

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090716\
 Data File : BF089996.D
 Acq On : 7 Sep 2016 9:12
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 07 14:56:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	224442	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	925267	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	478045	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	875547	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	653913	20.00	ng	-0.02
86) Perylene-d12	15.07	264	585536	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	1087276	77.54	ng	-0.02
7) Phenol-d6	6.27	99	1294338	75.97	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1187814	74.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	359966	76.32	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	2173281	74.63	ng	-0.02
78) Terphenyl-d14	12.71	244	2130915	80.50	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	243355	36.63	ng	98
3) Pyridine	2.68	79	672569	37.94	ng	100
4) n-Nitrosodimethylamine	2.65	42	320878	36.71	ng	98
6) Aniline	6.28	93	862226	37.09	ng	91
8) 2-Chlorophenol	6.40	128	587732	38.64	ng	86
9) Benzaldehyde	6.16	77	407572	37.08	ng	96
10) Phenol	6.28	94	732944	36.99	ng	96
11) bis(2-Chloroethyl)ether	6.36	93	594096	39.62	ng	94
12) 1,3-Dichlorobenzene	6.56	146	678050	39.91	ng	97
13) 1,4-Dichlorobenzene	6.64	146	714694	41.11	ng	94
14) 1,2-Dichlorobenzene	6.79	146	597652	38.35	ng	98
15) Benzyl Alcohol	6.78	79	426831	39.99	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1081786	37.84	ng	89
17) 2-Methylphenol	6.90	107	475075	39.10	ng	# 93
18) Hexachloroethane	7.13	117	230796	38.76	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	397827	35.83	ng	91
20) 3+4-Methylphenols	7.05	107	604081	41.02	ng	# 83
22) Acetophenone	7.04	105	780604	37.61	ng	# 91
24) Nitrobenzene	7.21	77	646338	38.11	ng	93
25) Isophorone	7.45	82	1207751	37.23	ng	97
26) 2-Nitrophenol	7.53	139	354738	43.75	ng	# 81
27) 2,4-Dimethylphenol	7.58	122	550183	36.68	ng	99
28) bis(2-Chloroethoxy)methane	7.68	93	730482	37.33	ng	99
29) 2,4-Dichlorophenol	7.77	162	528538	39.31	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	559440	38.06	ng	98
31) Naphthalene	7.93	128	1750688	37.98	ng	99
32) Benzoic acid	7.74	122	460360	45.57	ng	94
33) 4-Chloroaniline	7.99	127	760958	40.92	ng	96
34) Hexachlorobutadiene	8.06	225	339911	39.46	ng	98
35) Caprolactam	8.38	113	173657	40.92	ng	# 71
36) 4-Chloro-3-methylphenol	8.48	107	563787	39.59	ng	87
37) 2-Methylnaphthalene	8.62	142	1095389	35.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	566604	40.46	ng	98
40) Hexachlorocyclopentadiene	8.78	237	324427	45.18	ng	94

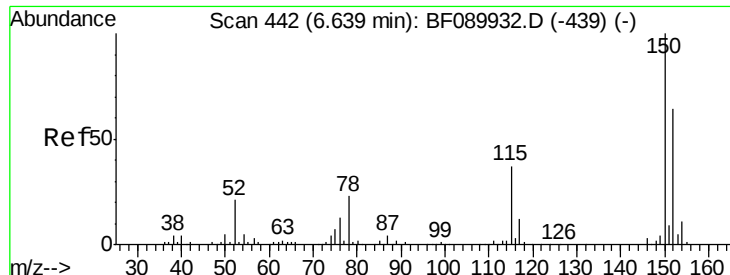
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090716\
 Data File : BF089996.D
 Acq On : 7 Sep 2016 9:12
 Operator : UM/SJ
 Sample : SSTDC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	403177	41.54	nq	97
43) 2,4,5-Trichlorophenol	8.94	196	383029	41.04	nq	97
45) 1,1'-Biphenyl	9.08	154	1467425	38.12	nq	97
46) 2-Chloronaphthalene	9.11	162	1102615	40.50	nq	95
47) 2-Nitroaniline	9.21	65	353717	39.74	nq	# 61
48) Acenaphthylene	9.52	152	1718305	38.17	nq	99
49) Dimethylphthalate	9.39	163	1229113	35.57	nq	100
50) 2,6-Dinitrotoluene	9.45	165	301540	39.24	nq	96
51) Acenaphthene	9.69	154	1171527	41.07	nq	99
52) 3-Nitroaniline	9.62	138	374466	42.72	nq	# 77
53) 2,4-Dinitrophenol	9.72	184	168894	43.09	nq	# 57
54) Dibenzofuran	9.86	168	1437258	37.60	nq	94
55) 4-Nitrophenol	9.79	139	295372	44.68	nq	87
56) 2,4-Dinitrotoluene	9.85	165	398133	40.85	nq	94
57) Fluorene	10.19	166	970612	34.75	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	308076	38.56	nq	98
59) Diethylphthalate	10.09	149	1266657	38.97	nq	98
60) 4-Chlorophenyl-phenylether	10.19	204	475663	36.19	nq	# 83
61) 4-Nitroaniline	10.23	138	327707	38.05	nq	91
62) Azobenzene	10.35	77	1242374	38.27	nq	94
64) 4,6-Dinitro-2-methylphenol	10.25	198	221230	39.47	nq	97
65) n-Nitrosodiphenylamine	10.32	169	1102268	41.88	nq	100
66) 4-Bromophenyl-phenylether	10.68	248	369469	41.92	nq	# 85
67) Hexachlorobenzene	10.74	284	429460	42.65	nq	# 82
68) Atrazine	10.84	200	344979	39.26	nq	98
69) Pentachlorophenol	10.94	266	266021	49.11	nq	99
70) Phenanthrene	11.14	178	1624346	37.25	nq	99
71) Anthracene	11.20	178	1756834	39.73	nq	100
72) Carbazole	11.36	167	1713462	41.32	nq	100
73) Di-n-butylphthalate	11.70	149	1904852	39.41	nq	99
74) Fluoranthene	12.32	202	1613039	35.30	nq	96
76) Benzidine	12.46	184	1059861	42.78	nq	98
77) Pyrene	12.55	202	1823173	39.54	nq	100
79) Butylbenzylphthalate	13.19	149	805474	43.32	nq	# 76
80) Benzo(a)anthracene	13.73	228	1559354	38.93	nq	98
81) 3,3'-Dichlorobenzidine	13.70	252	623888	43.16	nq	# 97
82) Chrysene	13.76	228	1424811	38.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	1047973	40.75	nq	# 98
84) Di-n-octyl phthalate	14.35	149	1800467	43.37	nq	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	1139184	41.19	nq	99
87) Benzo(b)fluoranthene	14.74	252	2614527	71.28	nq	# 96
88) Benzo(k)fluoranthene	14.74	252	2614527	84.00	nq	# 97
89) Benzo(a)pyrene	15.03	252	1279398	40.71	nq	# 98
90) Dibenzo(a,h)anthracene	16.31	278	941771	40.90	nq	97
91) Benzo(g,h,i)perylene	16.66	276	926443	39.97	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

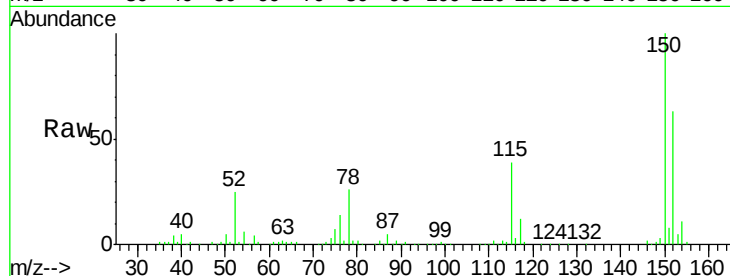
Tot Ion:152 Resp: 224442

Ion Ratio Lower Upper

152 100

150 158.7 127.4 191.2

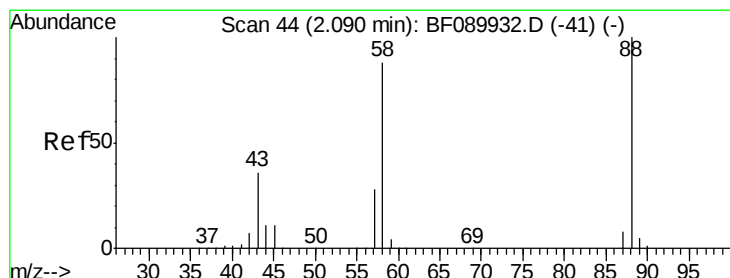
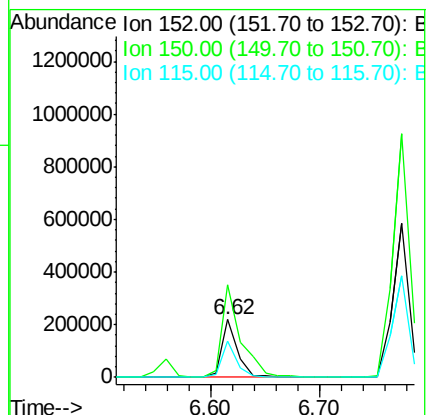
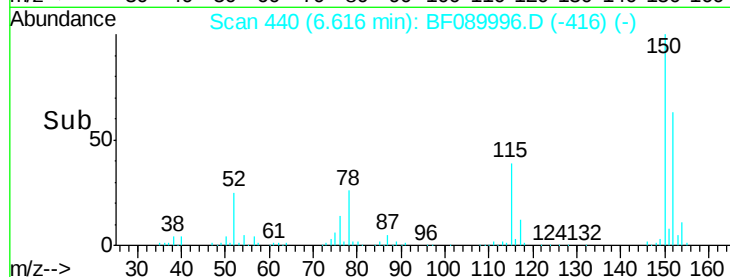
115 62.3 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.63 ng

RT: 2.06 min Scan# 41

Delta R.T. -0.05 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

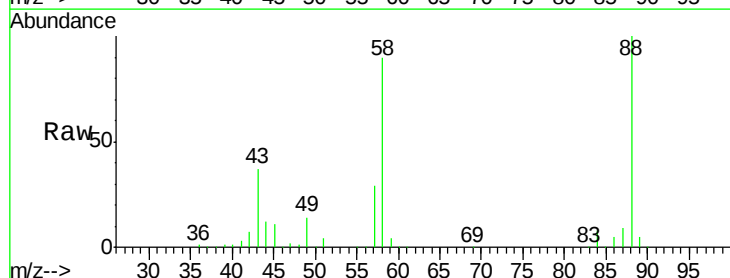
Tgt Ion: 88 Resp: 243355

Ion Ratio Lower Upper

88 100

58 83.5 68.8 103.2

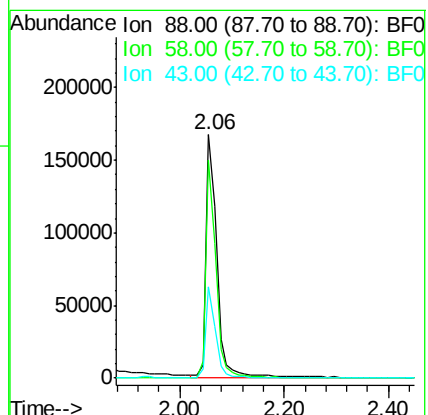
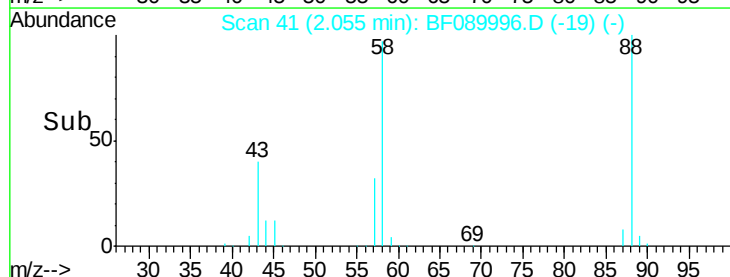
43 34.1 27.0 40.6

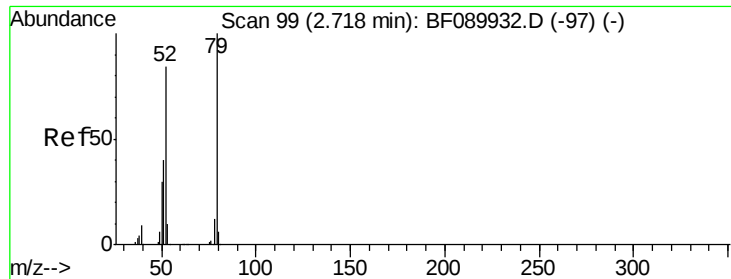


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

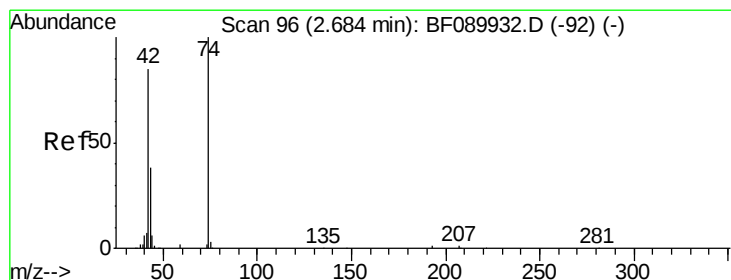
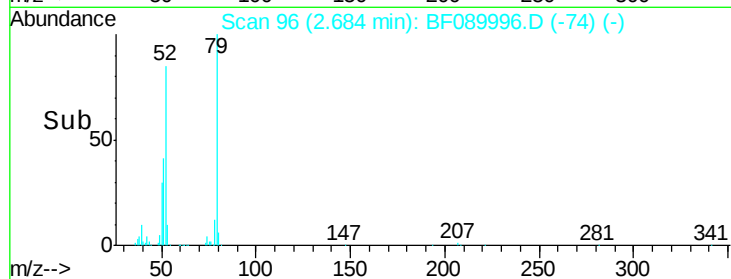
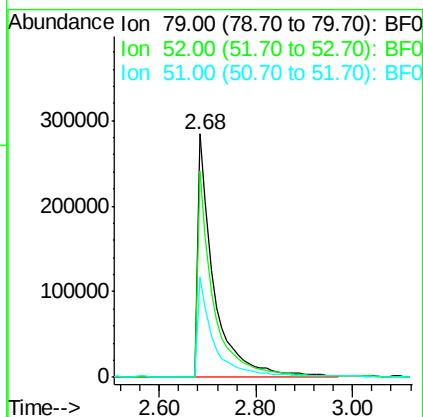
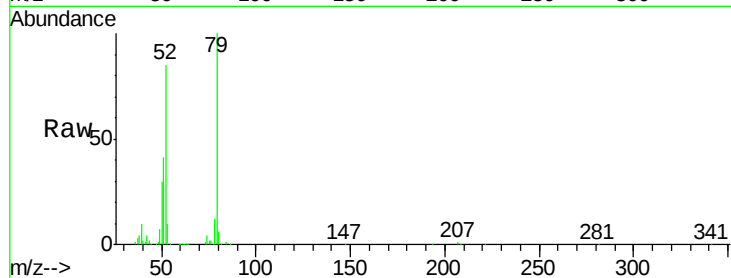




#3
 Pvridine
 Concen: 37.94 ng
 RT: 2.68 min Scan# 96
 Delta R.T. -0.05 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

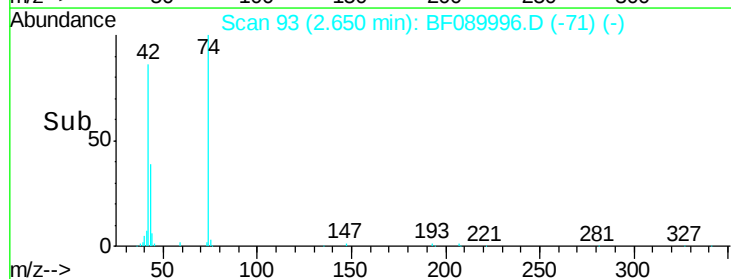
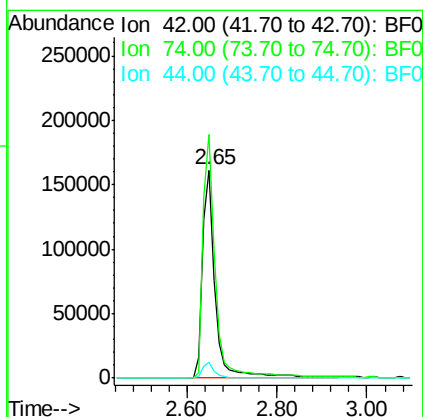
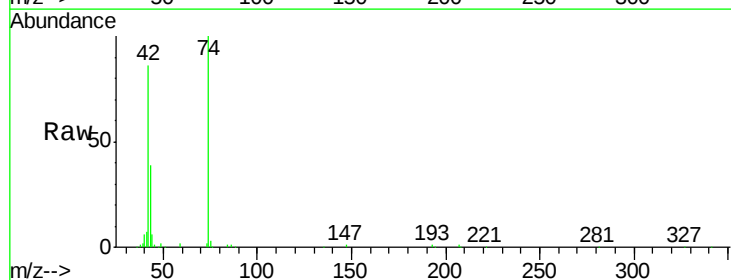
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

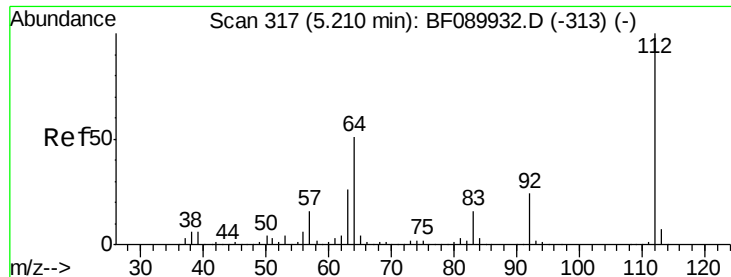
Tot Ion: 79 Resp: 672569
 Ion Ratio Lower Upper
 79 100
 52 84.9 67.8 101.6
 51 41.3 32.9 49.3



#4
 n-Nitrosodimethylamine
 Concen: 36.71 ng
 RT: 2.65 min Scan# 93
 Delta R.T. -0.05 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Tgt Ion: 42 Resp: 320878
 Ion Ratio Lower Upper
 42 100
 74 116.9 92.0 138.0
 44 7.4 5.8 8.8





#5

2-Fluorophenol

Concen: 77.54 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

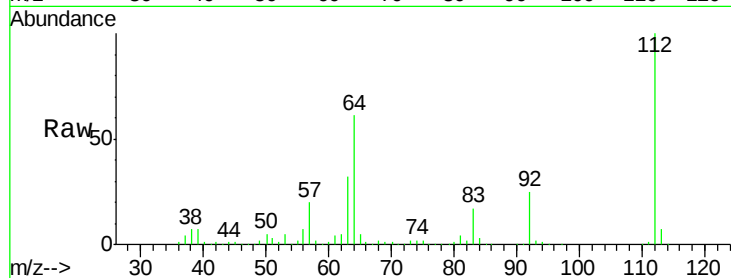
Tot Ion: 112 Resp: 1087276

Ion Ratio Lower Upper

112 100

64 61.3 41.1 61.7

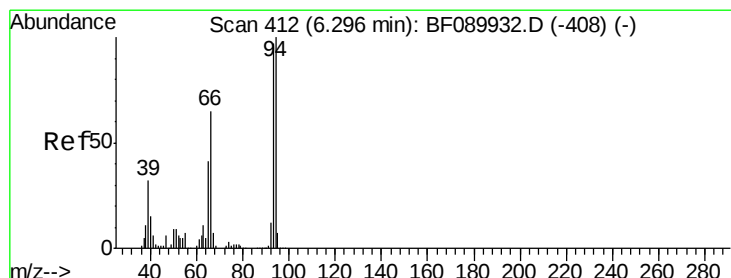
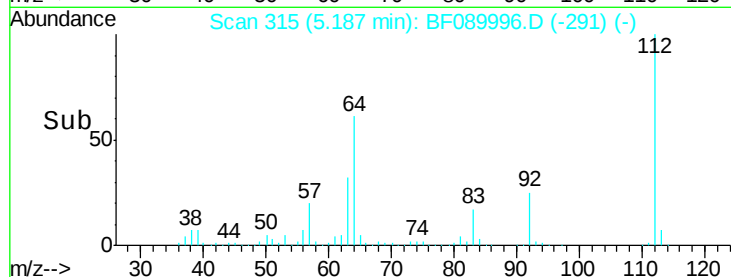
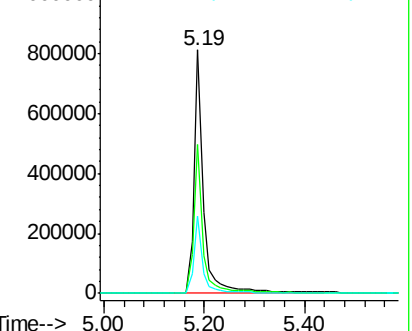
63 31.6 21.2 31.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.09 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

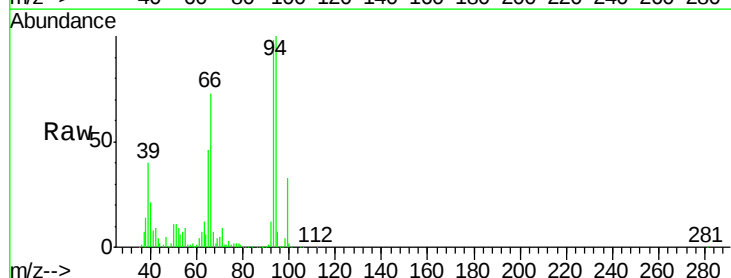
Tgt Ion: 93 Resp: 862226

Ion Ratio Lower Upper

93 100

66 73.7 52.9 79.3

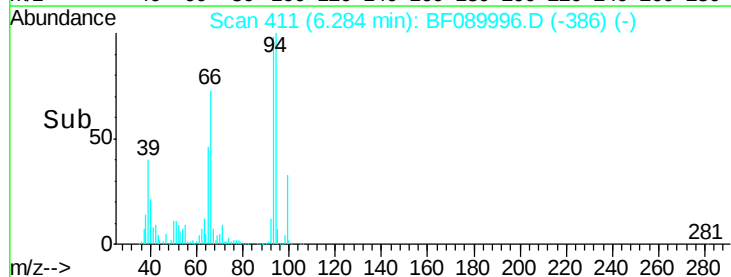
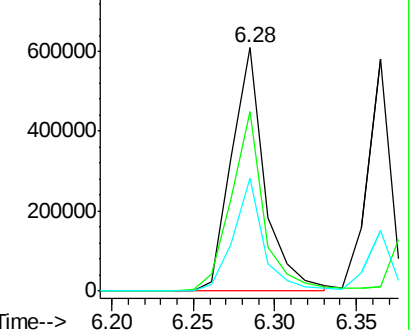
65 46.3 33.0 49.6

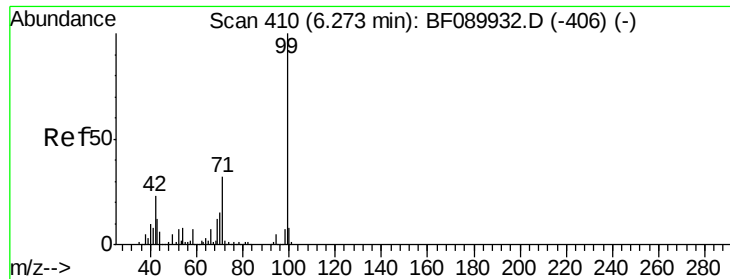


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.97 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

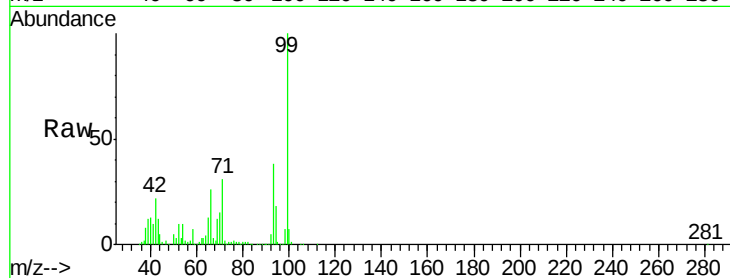
Tot Ion: 99 Resp: 1294338

Ion Ratio Lower Upper

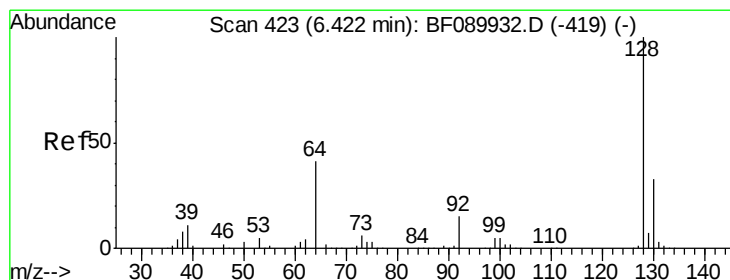
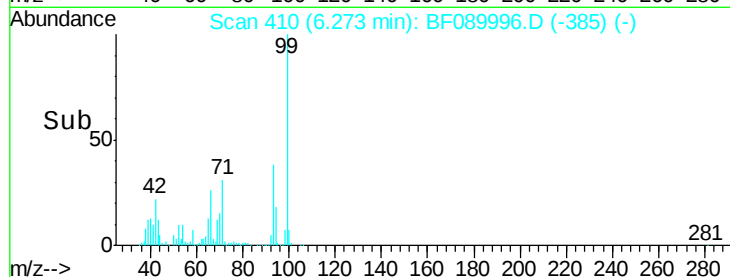
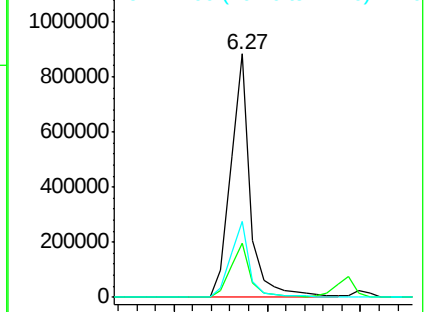
99 100

42 22.0 18.6 27.8

71 31.3 25.8 38.6



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.64 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

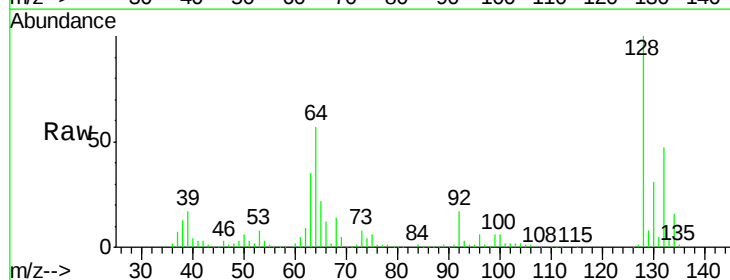
Tgt Ion: 128 Resp: 587732

Ion Ratio Lower Upper

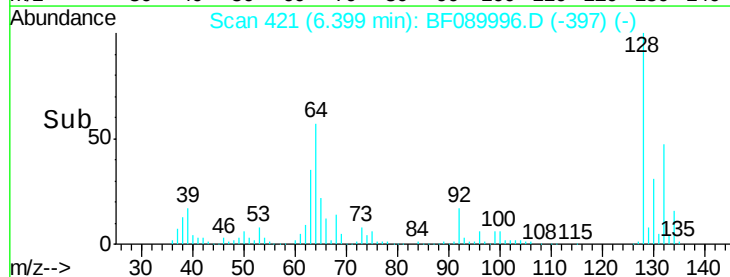
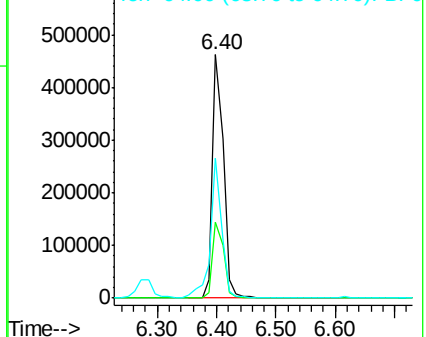
128 100

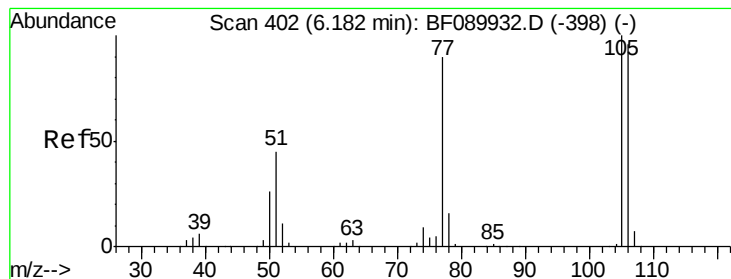
130 31.3 12.8 52.8

64 57.3 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.08 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

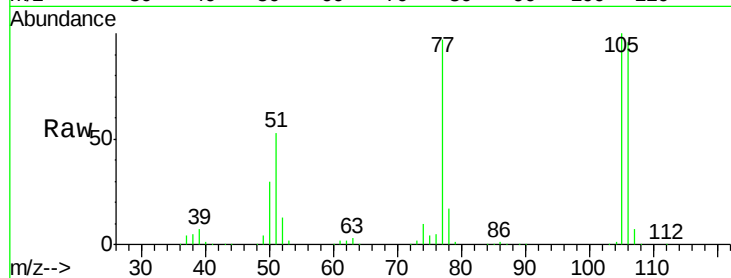
Tot Ion: 77 Resp: 407572

Ion Ratio Lower Upper

77 100

105 103.0 85.4 125.4

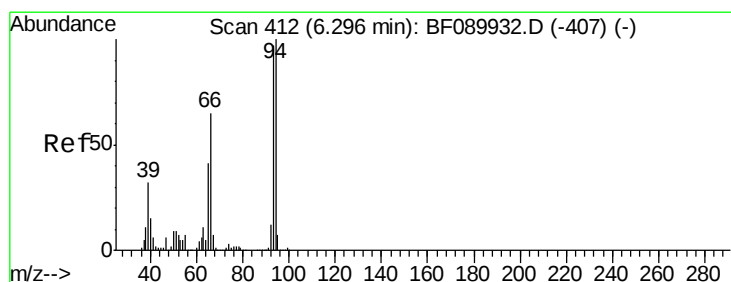
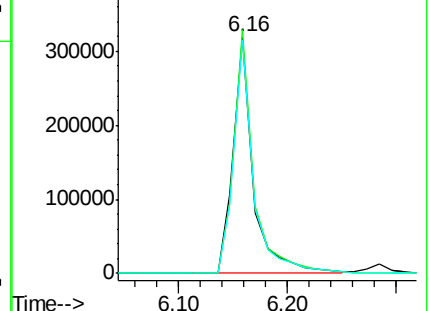
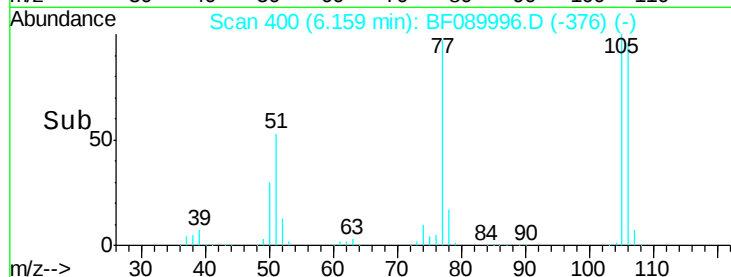
106 98.5 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.99 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

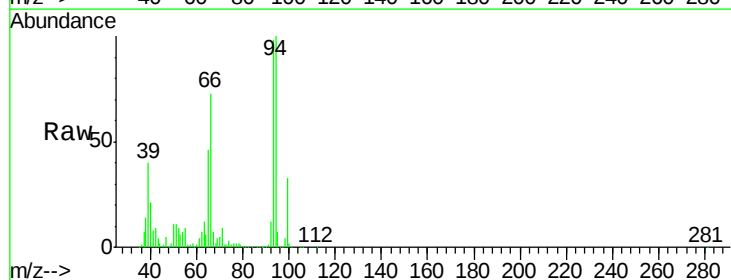
Tgt Ion: 94 Resp: 732944

Ion Ratio Lower Upper

94 100

65 45.6 23.2 63.2

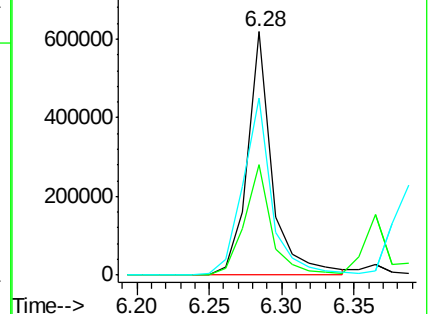
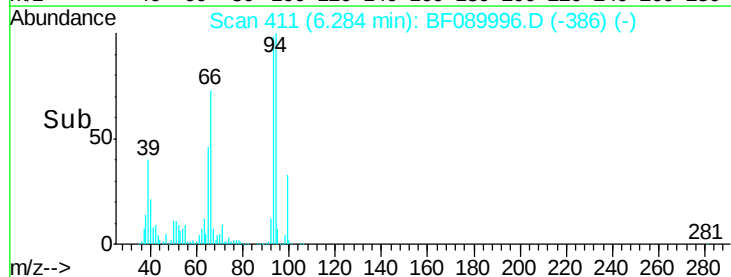
66 72.6 49.2 89.2

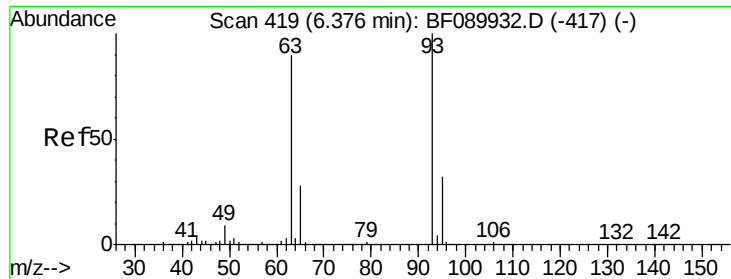


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.62 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

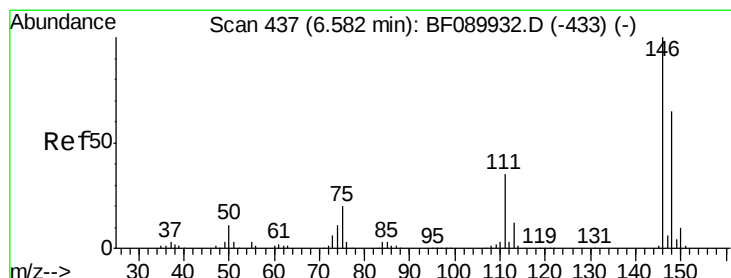
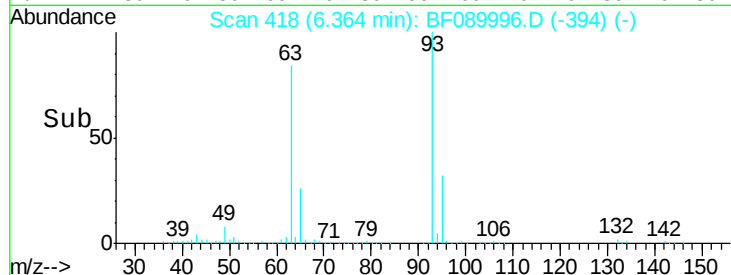
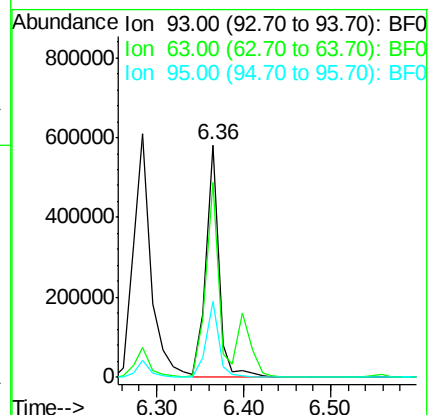
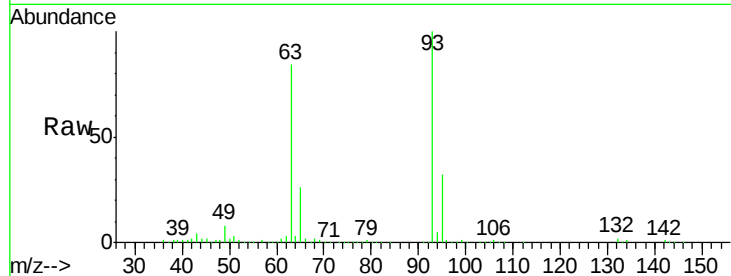
Tot Ion: 93 Resp: 594096

Ion Ratio Lower Upper

93 100

63 83.8 71.1 111.1

95 32.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.91 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

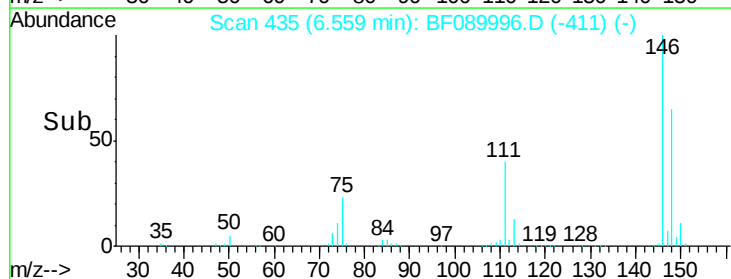
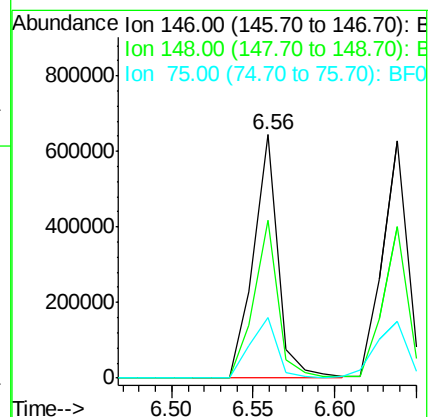
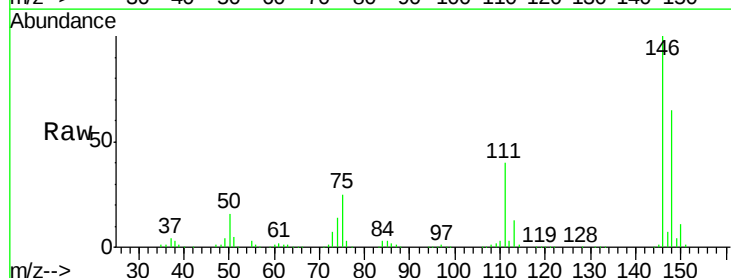
Tgt Ion: 146 Resp: 678050

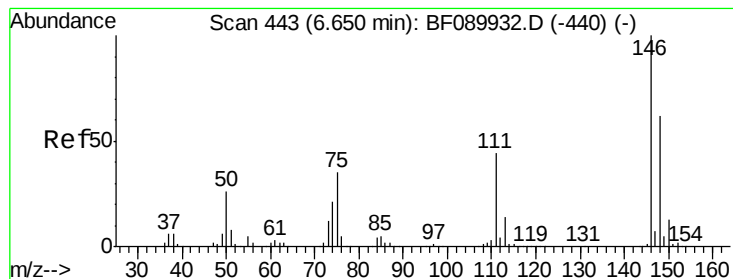
Ion Ratio Lower Upper

146 100

148 65.1 52.5 78.7

75 24.8 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 41.11 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

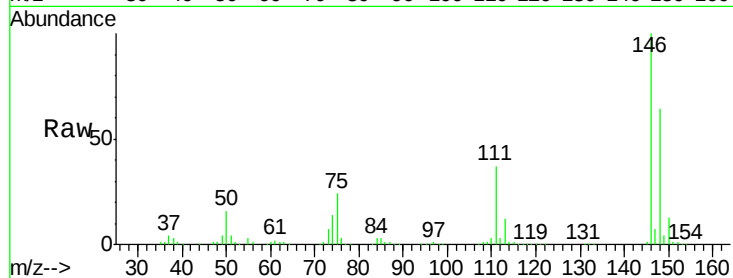
Tot Ion:146 Resp: 714694

Ion Ratio Lower Upper

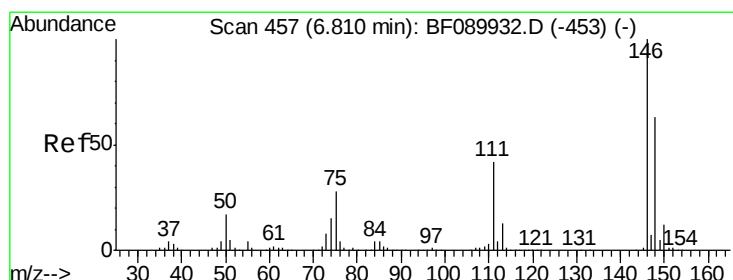
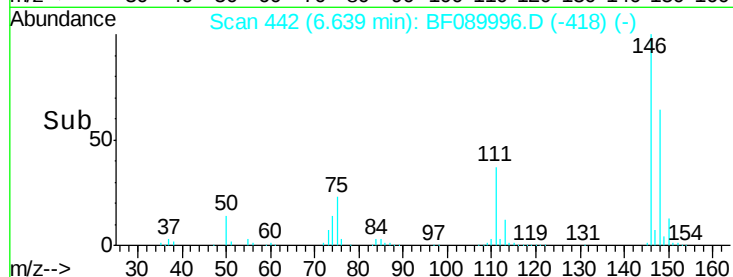
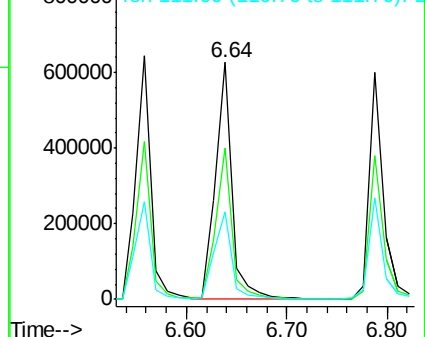
146 100

148 64.1 50.1 75.1

111 37.2 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.35 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

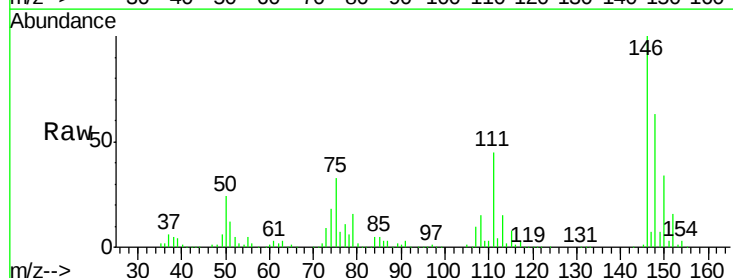
Tgt Ion:146 Resp: 597652

Ion Ratio Lower Upper

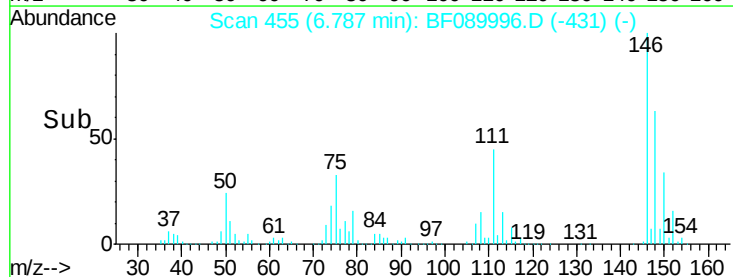
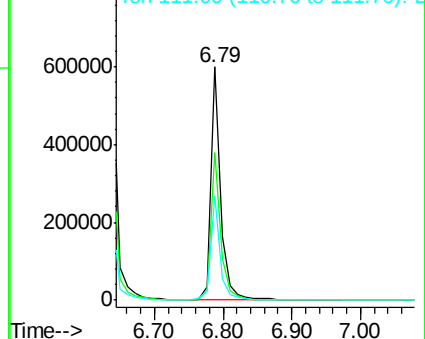
146 100

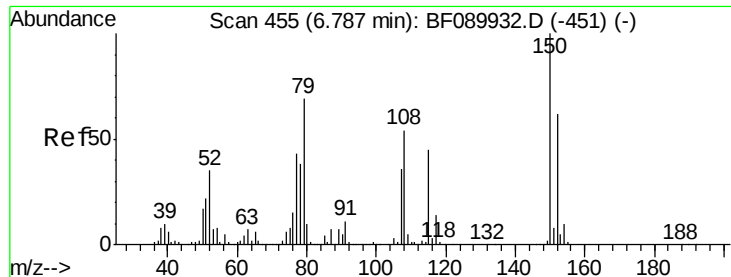
148 63.3 51.4 77.2

111 44.9 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.99 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

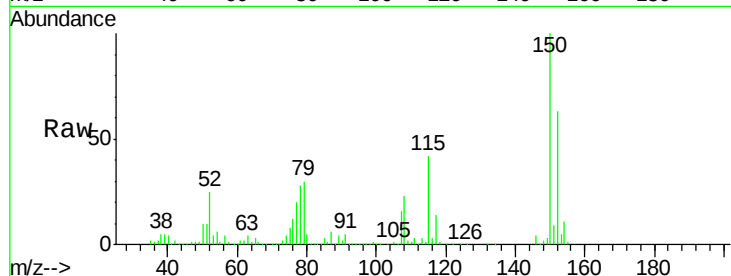
Tot Ion: 79 Resp: 426831

Ion Ratio Lower Upper

79 100

108 77.2 62.1 93.1

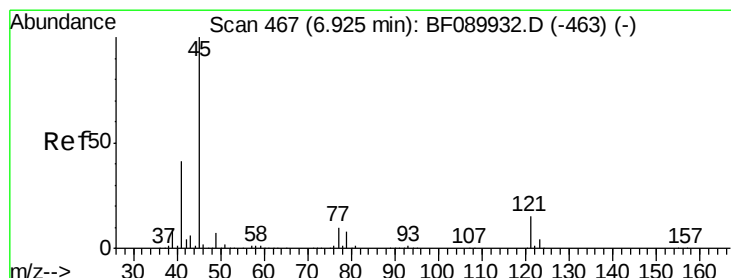
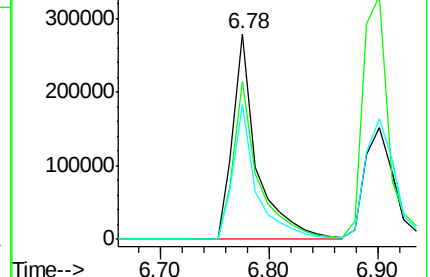
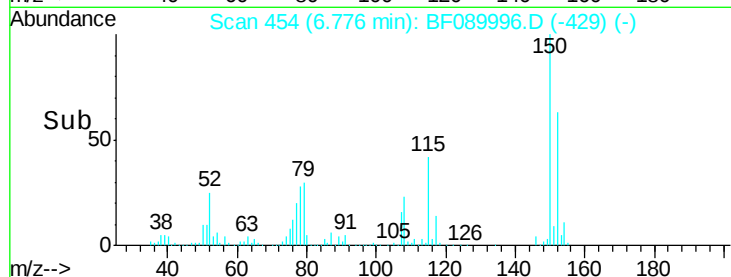
77 65.5 50.1 75.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.84 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

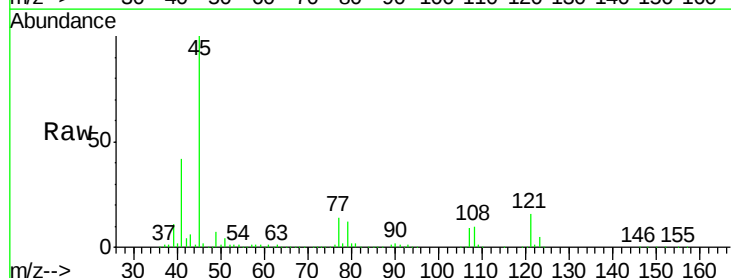
Tgt Ion: 45 Resp: 1081786

Ion Ratio Lower Upper

45 100

77 13.9 0.0 30.3

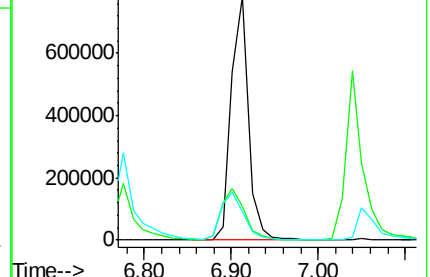
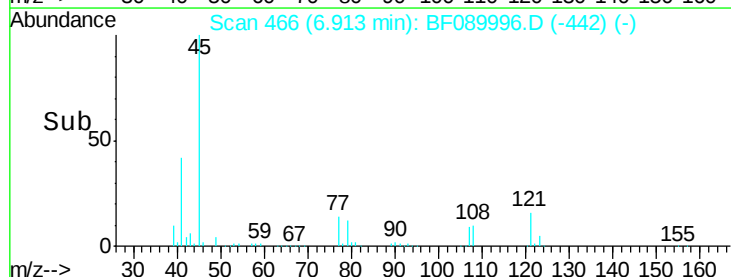
79 11.7 0.0 27.5

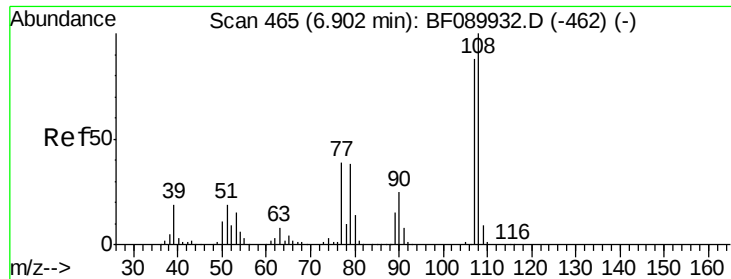


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

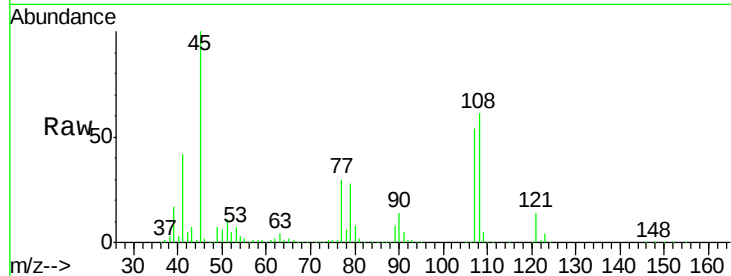




#17
2-Methylphenol
Concen: 39.10 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.8	137.6
77	56.7	36.0	54.0
79	52.4	35.9	53.9



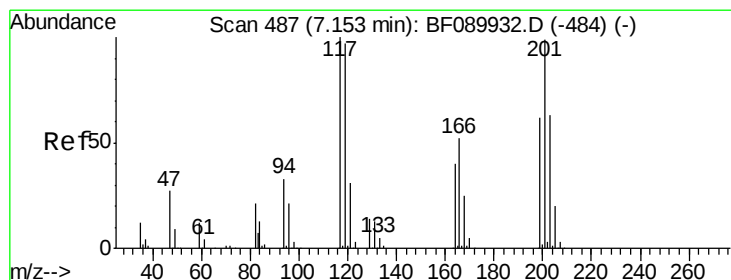
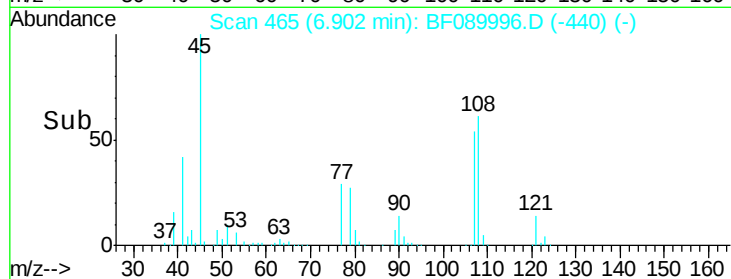
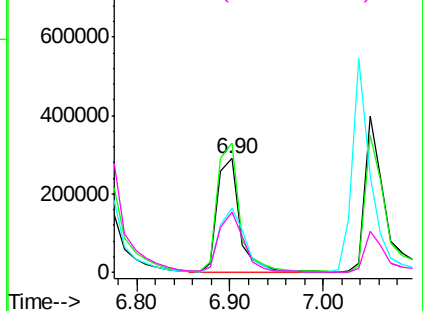
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

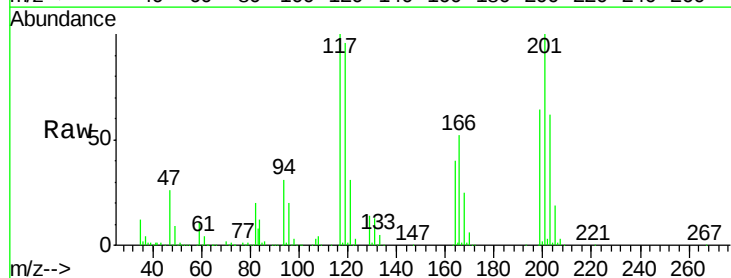
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 38.76 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.2
201	99.8	80.2	120.2

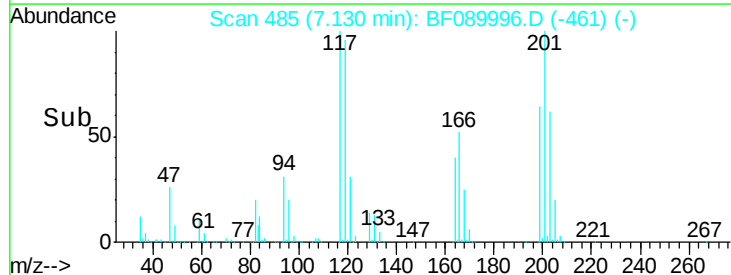
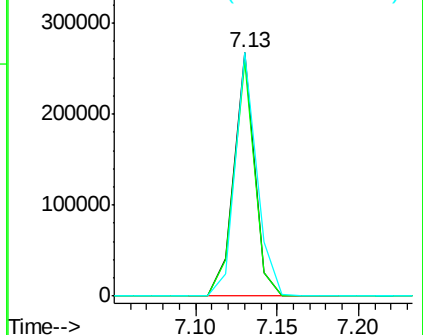


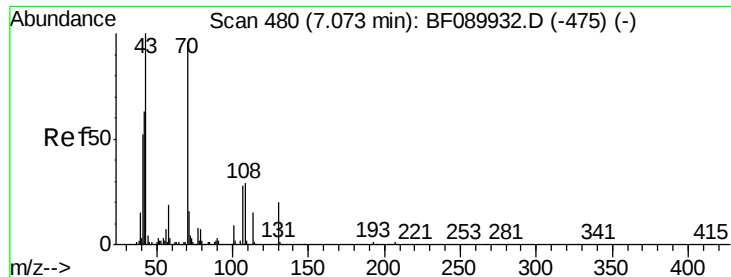
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

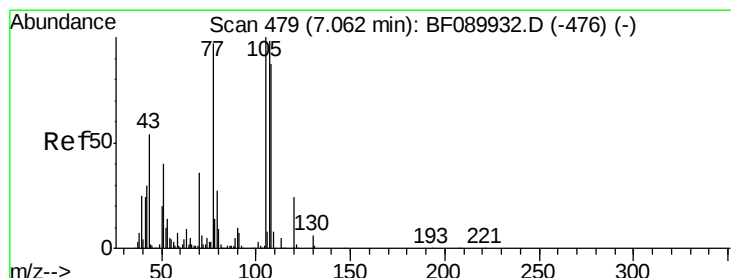
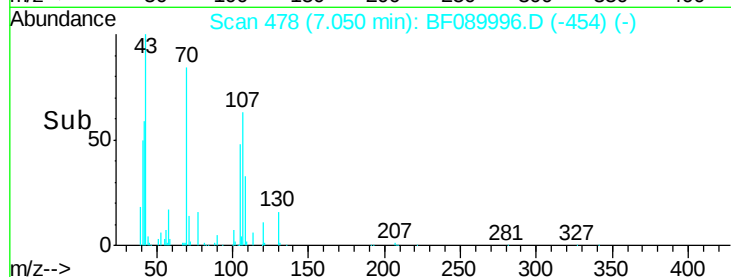
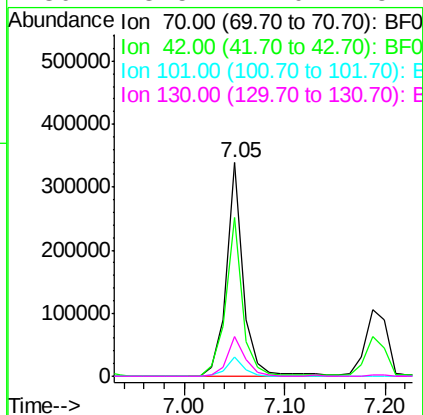
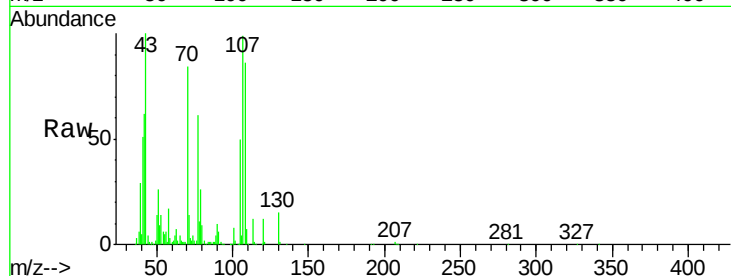




#19
n-Nitroso-di-n-propylamine
Concen: 35.83 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

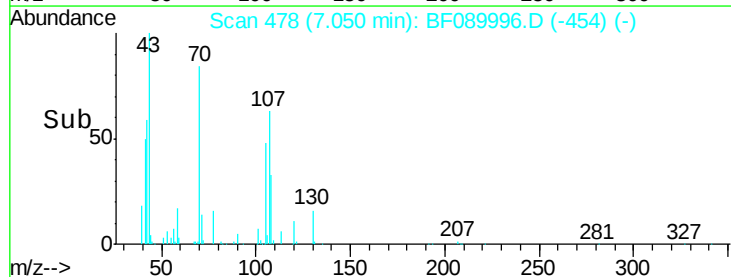
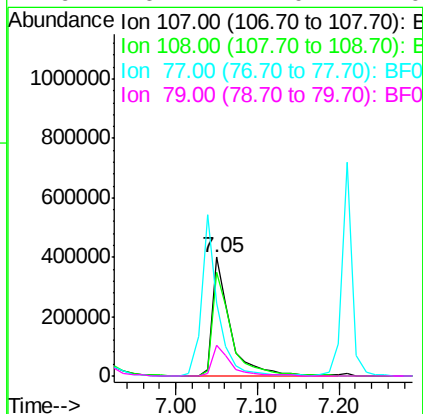
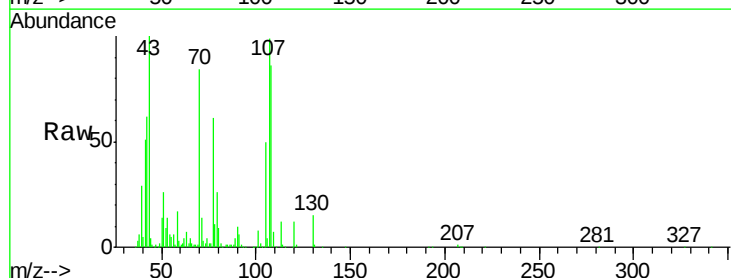
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

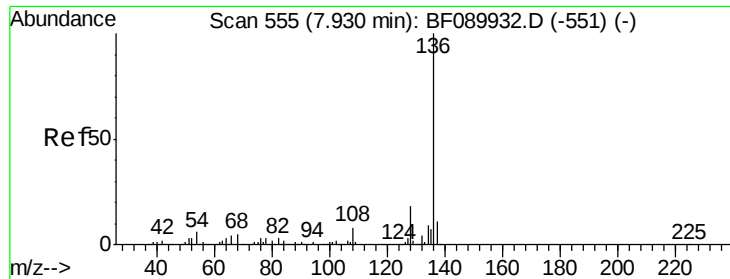
Tot Ion:	70	Resp:	397827
Ion	Ratio	Lower	Upper
70	100		
42	74.2	52.1	78.1
101	9.0	7.4	11.2
130	18.5	17.0	25.4



#20
3+4-Methylphenols
Concen: 41.02 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Tgt Ion:	107	Resp:	604081
Ion	Ratio	Lower	Upper
107	100		
108	87.2	70.2	110.2
77	61.8	75.7	115.7#
79	26.2	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 925267

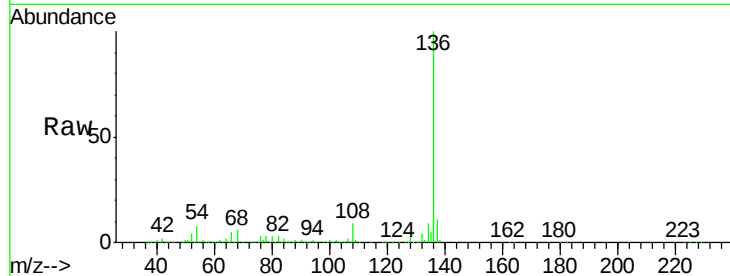
Ion Ratio Lower Upper

136 100

137 11.1 8.3 12.5

54 8.2 4.8 7.2#

68 5.7 3.7 5.5#

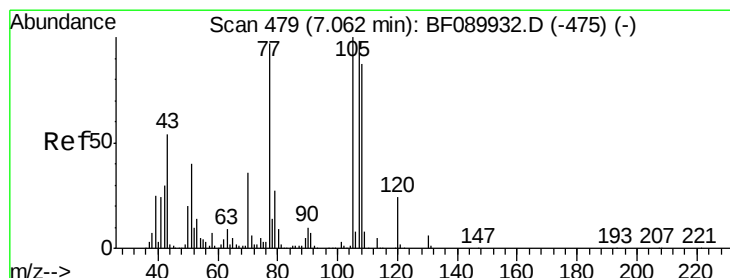
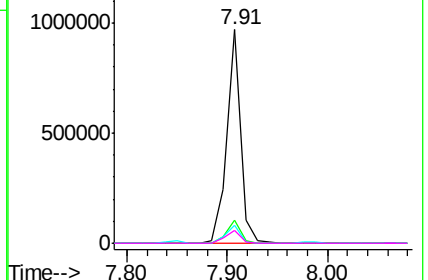
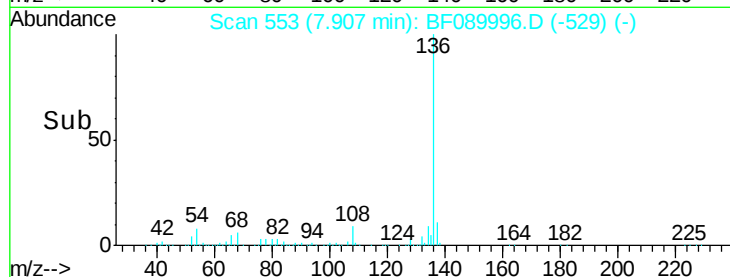


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.61 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Tgt Ion:105 Resp: 780604

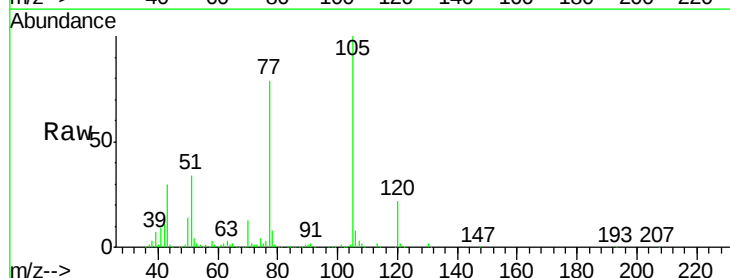
Ion Ratio Lower Upper

105 100

71 2.2 5.3 7.9#

51 33.6 32.6 48.8

120 22.2 18.6 28.0

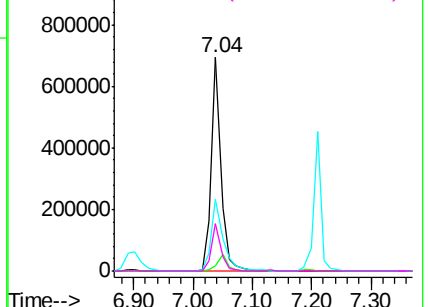
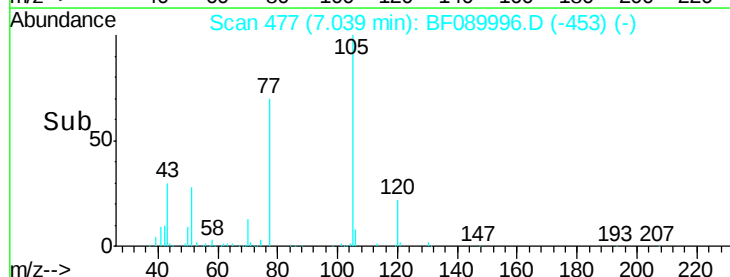


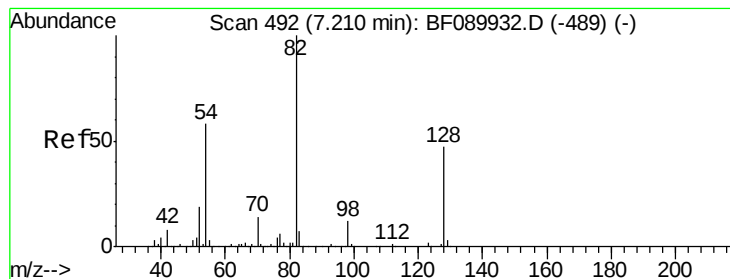
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 74.45 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

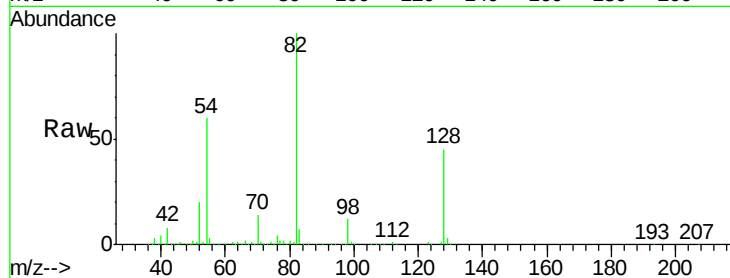
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1187814

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.8	56.8
54	59.9	46.9	70.3

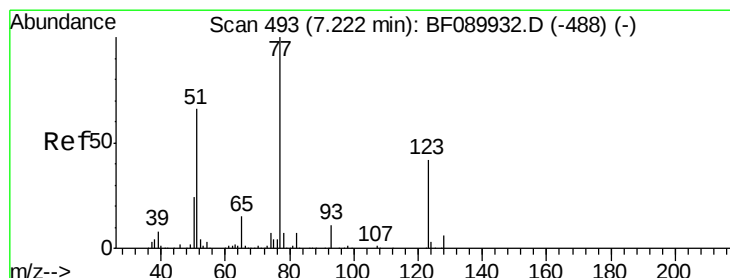
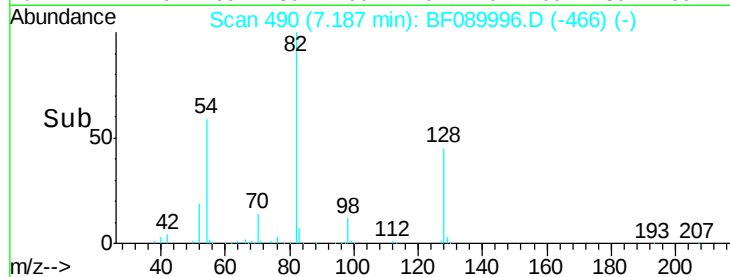


Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.11 ng

RT: 7.21 min Scan# 492

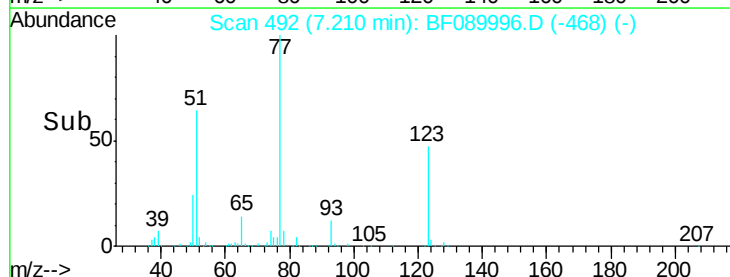
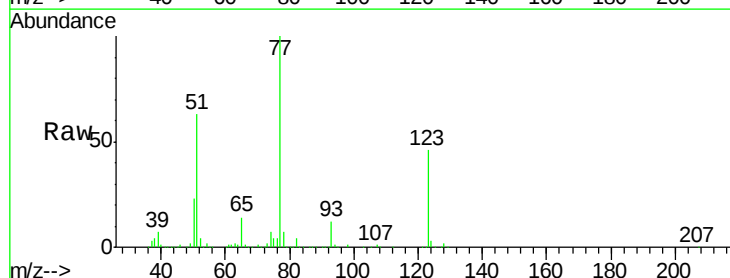
Delta R.T. -0.02 min

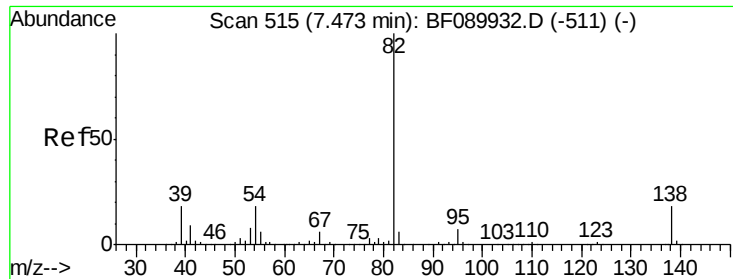
Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Tgt Ion: 77 Resp: 646338

Ion	Ratio	Lower	Upper
77	100		
123	45.9	32.0	48.0
65	14.0	11.2	16.8

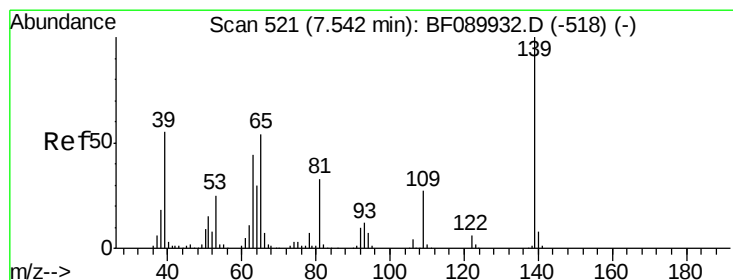
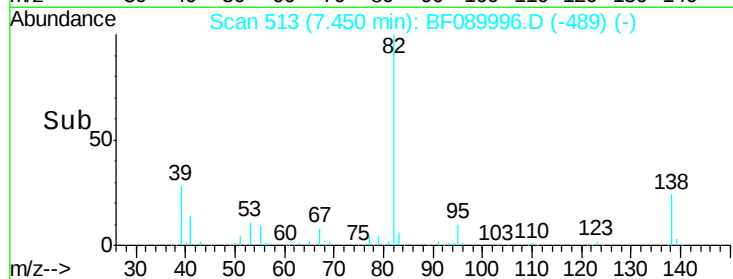
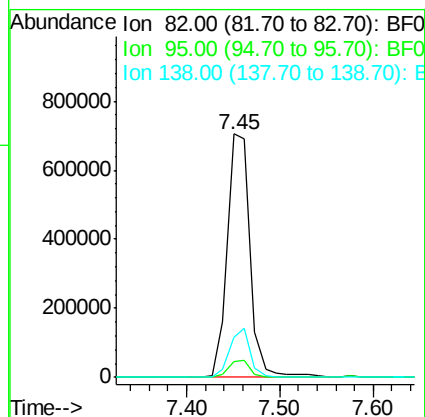
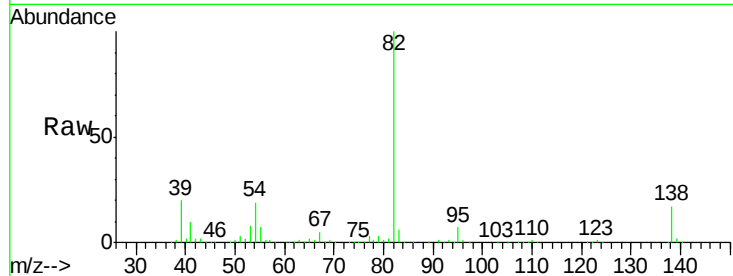




#25
Isophorone
Concen: 37.23 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

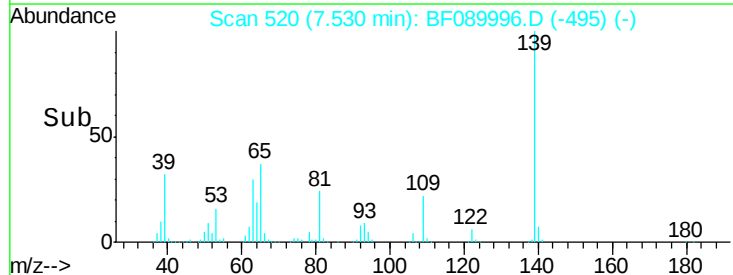
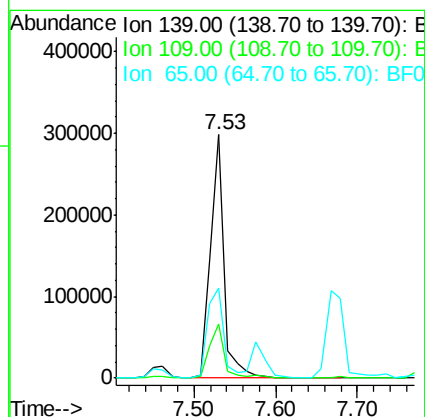
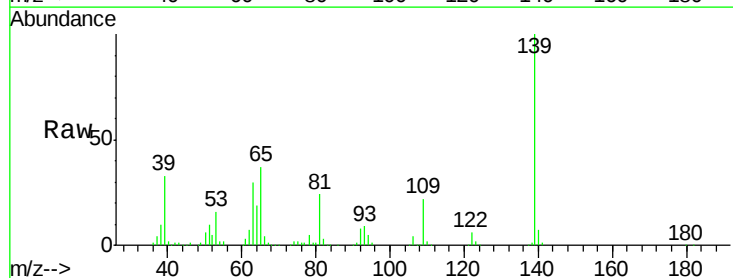
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

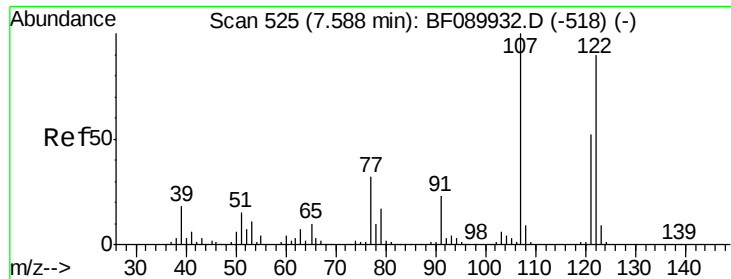
Tot Ion: 82 Resp: 1207751
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 16.6 14.4 21.6



#26
2-Nitrophenol
Concen: 43.75 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Tgt Ion: 139 Resp: 354738
Ion Ratio Lower Upper
139 100
109 22.1 21.0 31.4
65 36.9 43.4 65.0#





#27

2,4-Dimethylphenol

Concen: 36.68 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

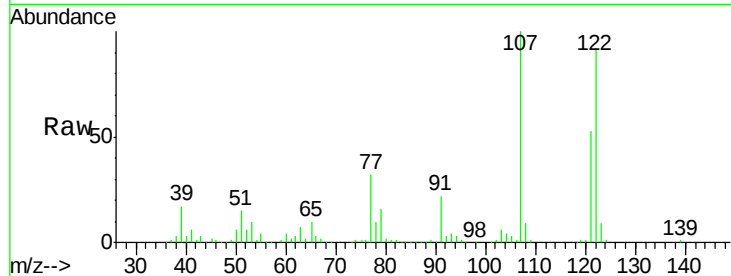
Tot Ion:122 Resp: 550183

Ion Ratio Lower Upper

122 100

107 109.1 88.5 132.7

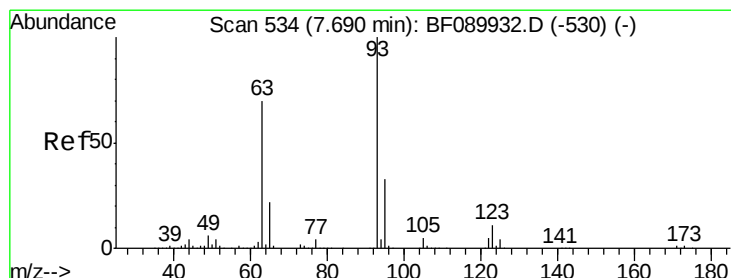
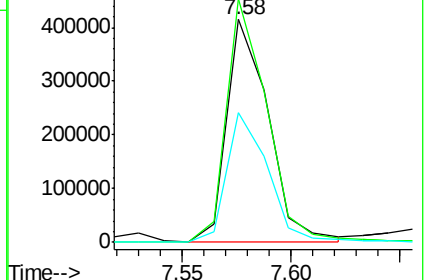
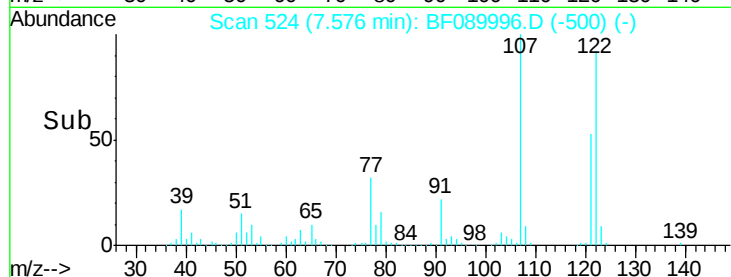
121 58.0 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.33 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

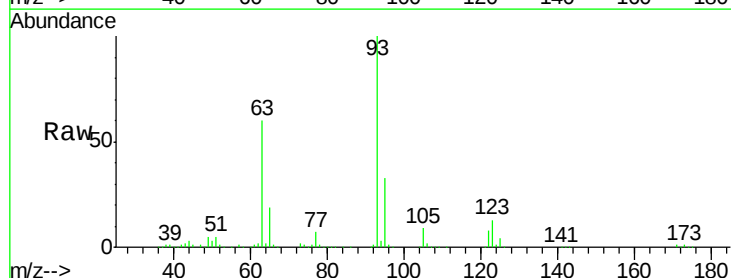
Tgt Ion: 93 Resp: 730482

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

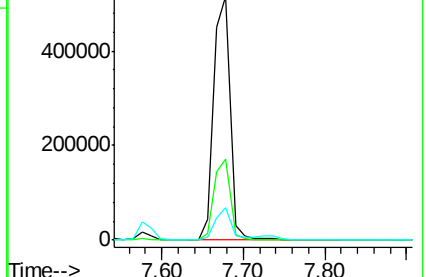
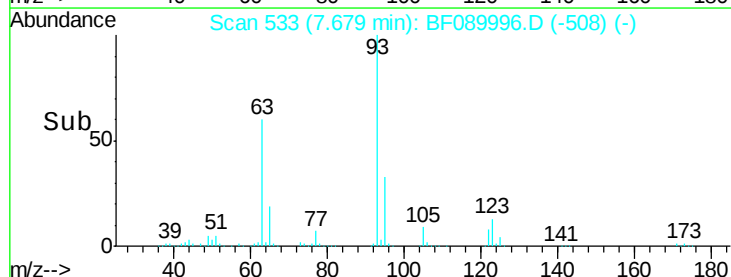
123 13.1 9.1 13.7

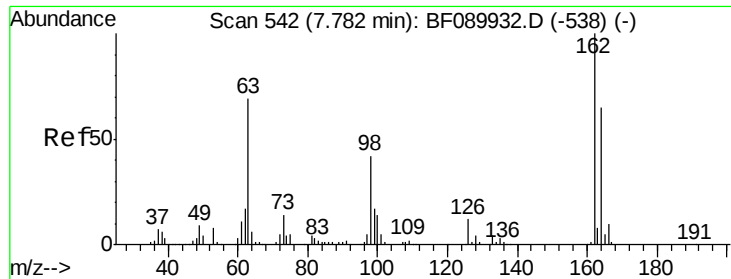


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

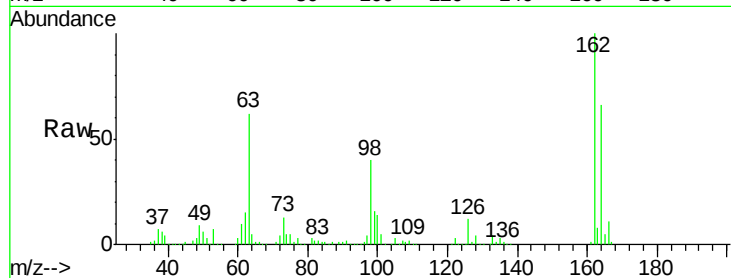




#29
 2,4-Dichlorophenol
 Concen: 39.31 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	46.6	86.6
98	39.7	22.0	62.0

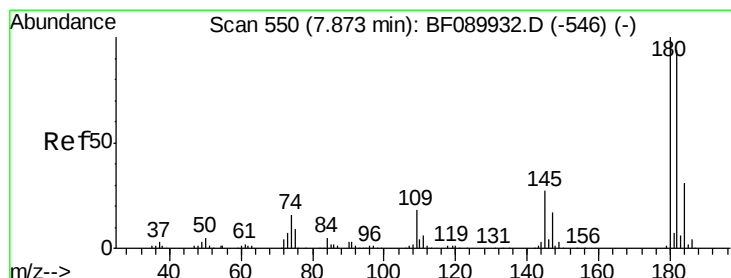
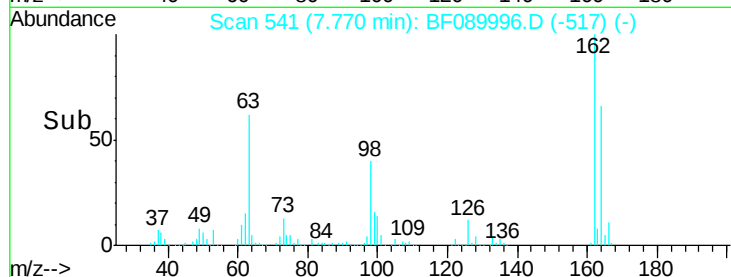
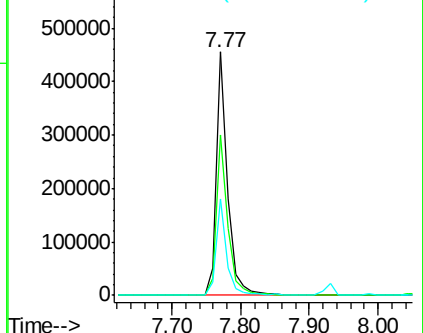


Abundance

Ion 162.00 (161.70 to 162.70): E

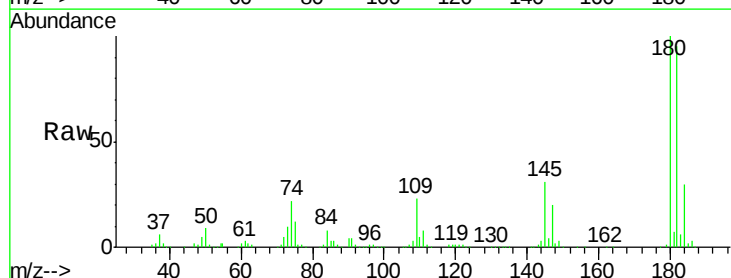
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.06 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.2	114.2
145	30.9	22.2	33.4

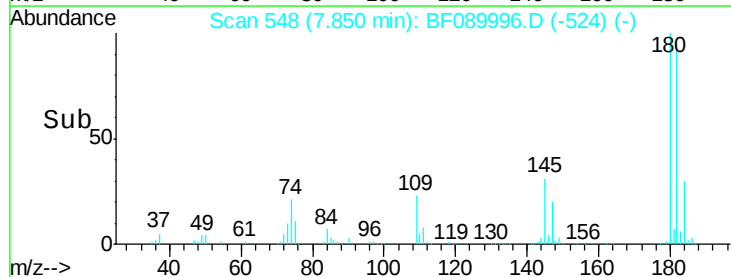
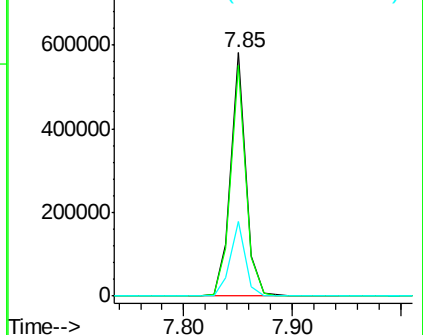


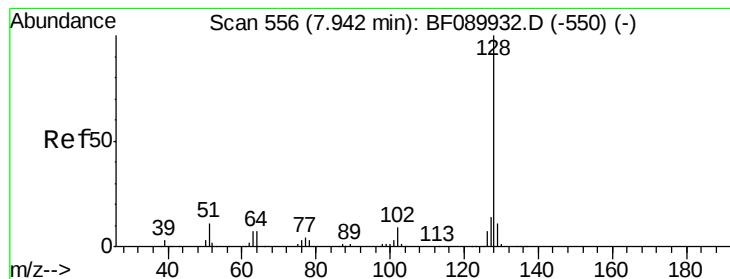
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.98 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

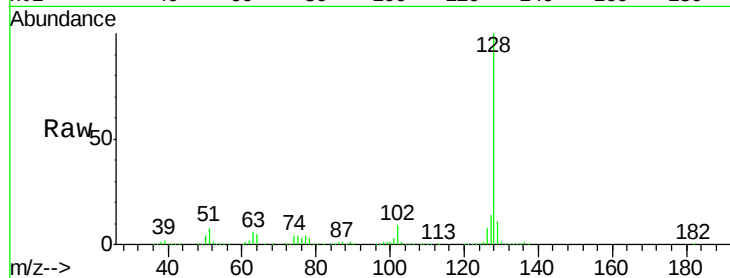
Tot Ion:128 Resp: 1750688

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

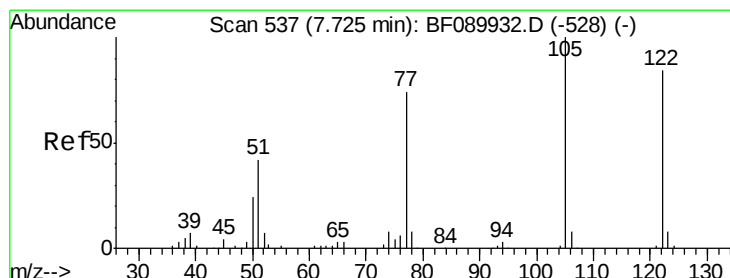
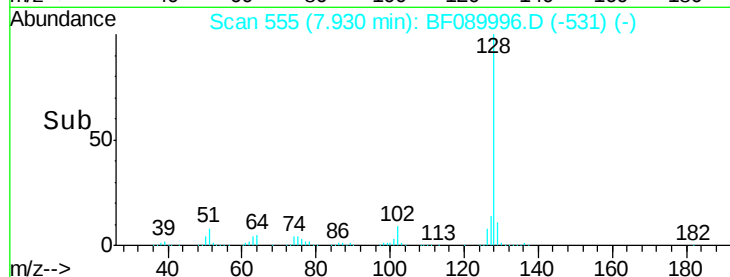
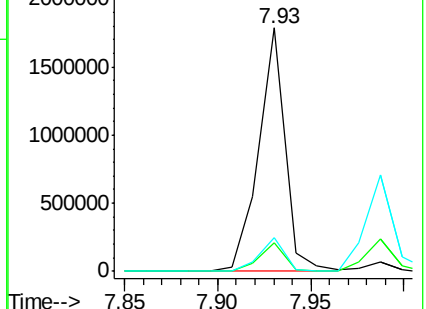
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.57 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

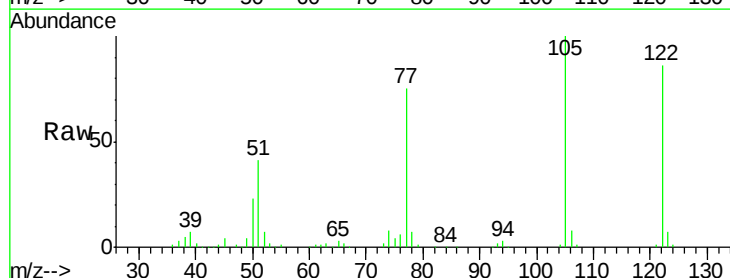
Tgt Ion:122 Resp: 460360

Ion Ratio Lower Upper

122 100

105 116.1 102.2 142.2

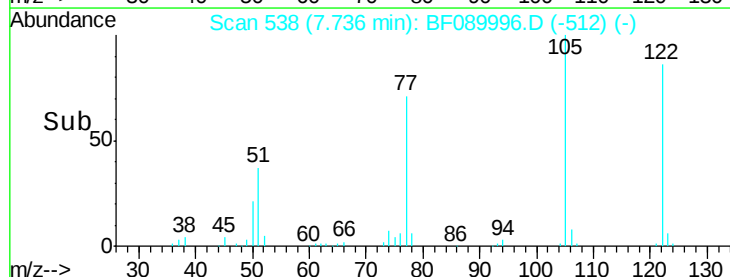
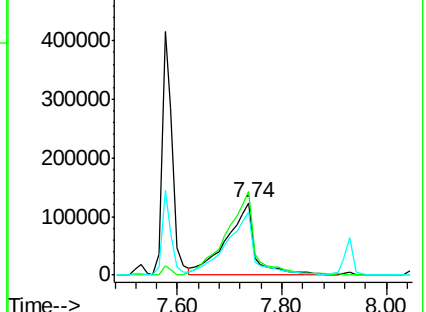
77 86.7 74.1 114.1

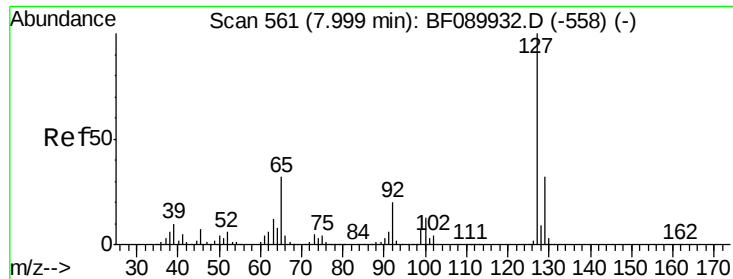


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

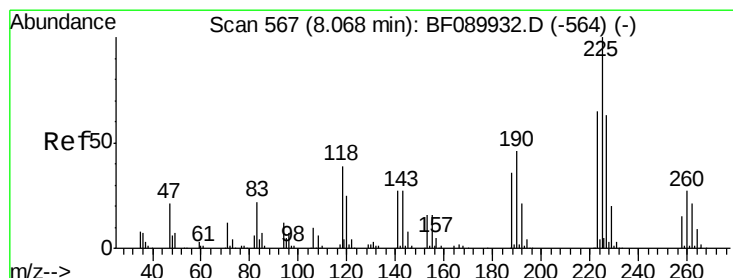
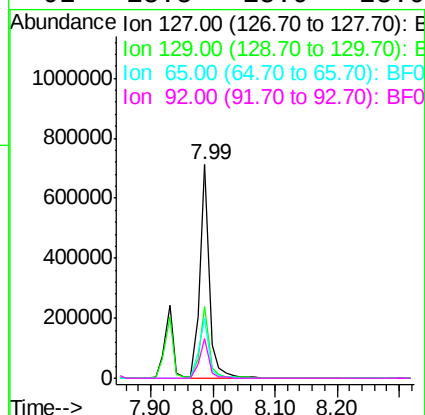
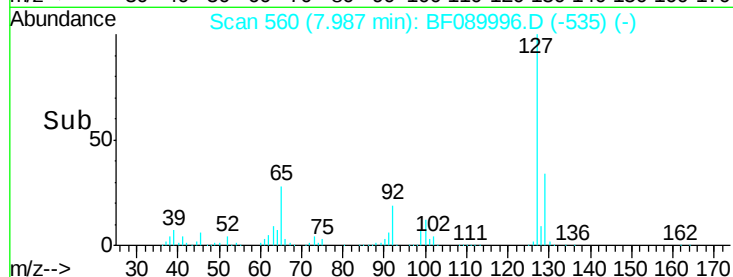
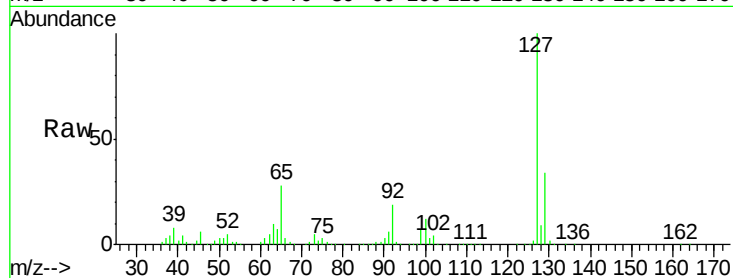




#33
4-Chloroaniline
Concen: 40.92 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

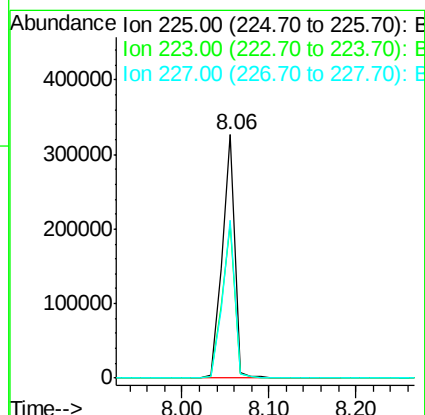
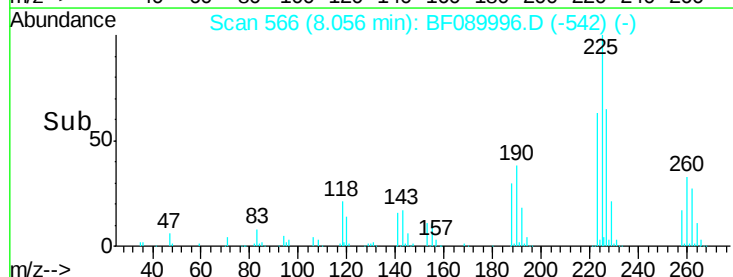
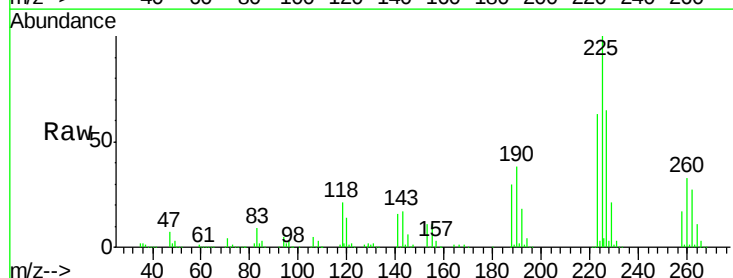
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

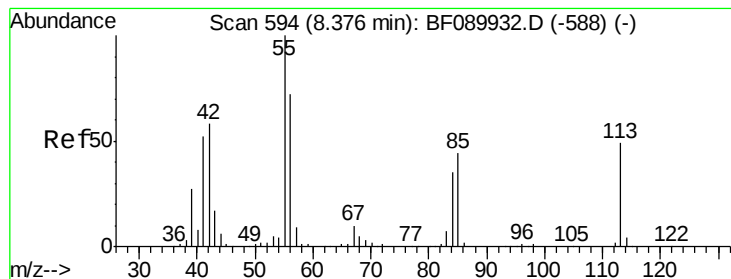
Tot Ion:	127	Resp:	760958
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	28.4	26.0	39.0
92	18.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 39.46 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Tgt Ion:	225	Resp:	339911
Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.6	78.8
227	64.9	50.8	76.2





#35

Caprolactam

Concen: 40.92 ng

RT: 8.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

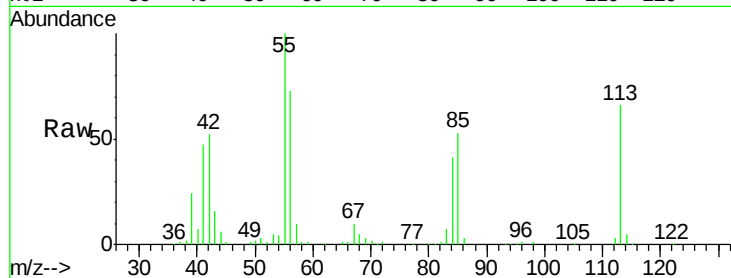
Tot Ion:113 Resp: 173657

Ion Ratio Lower Upper

113 100

55 151.7 178.5 218.5#

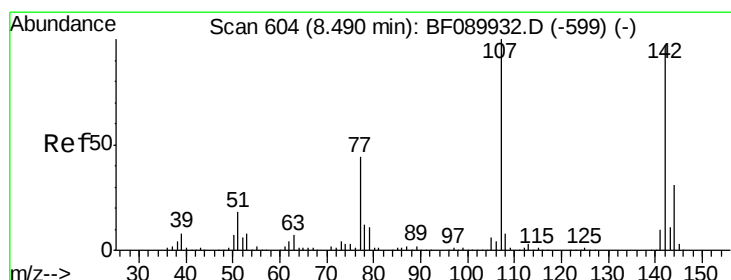
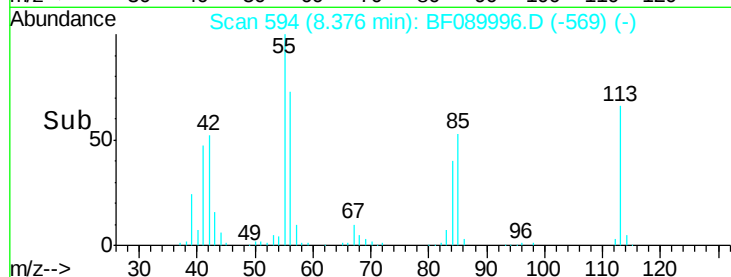
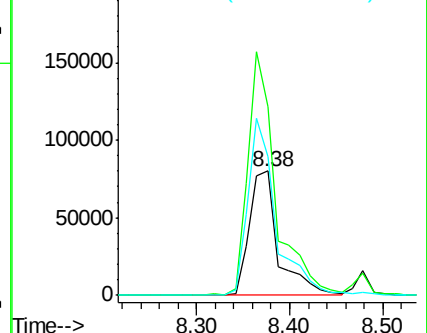
56 111.1 122.7 162.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.59 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

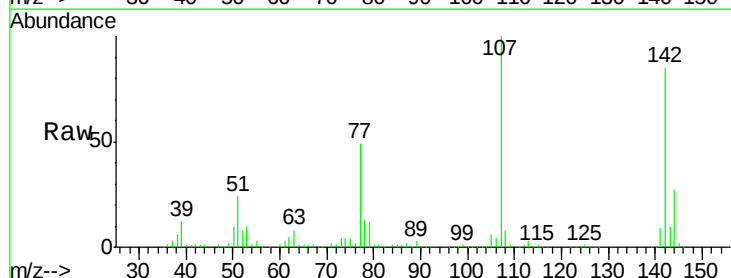
Tgt Ion:107 Resp: 563787

Ion Ratio Lower Upper

107 100

144 27.3 25.8 38.8

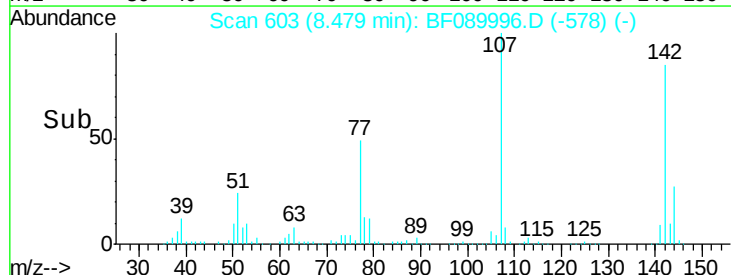
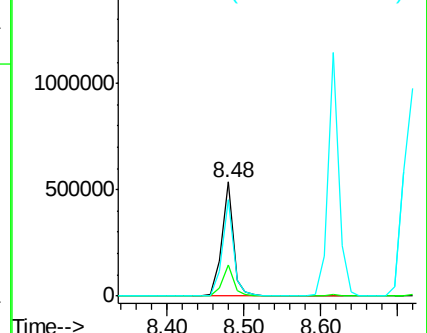
142 85.0 79.2 118.8

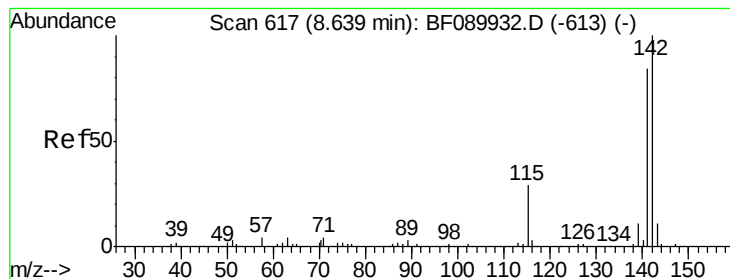


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.96 ng

RT: 8.62 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

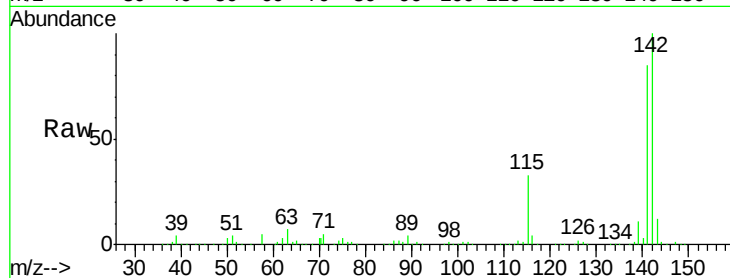
Tot Ion:142 Resp: 1095389

Ion Ratio Lower Upper

142 100

141 84.7 68.3 102.5

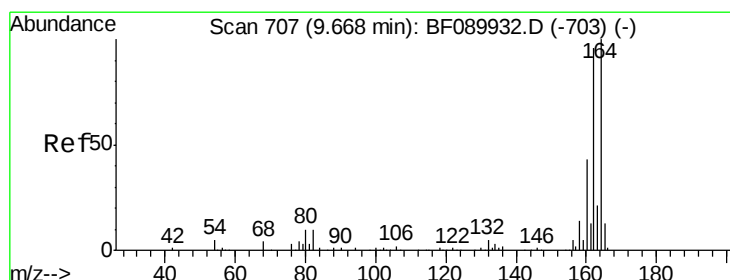
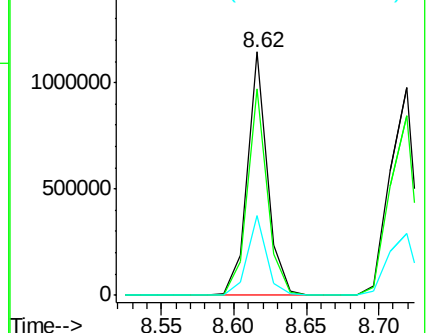
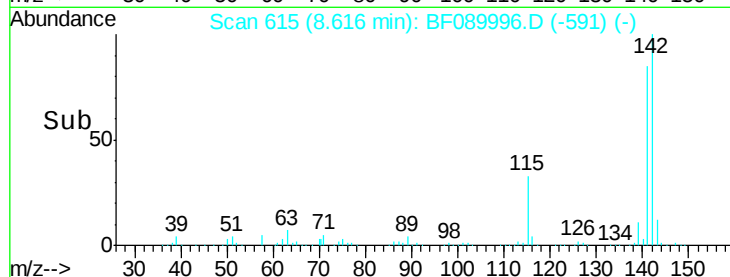
115 33.0 23.8 35.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

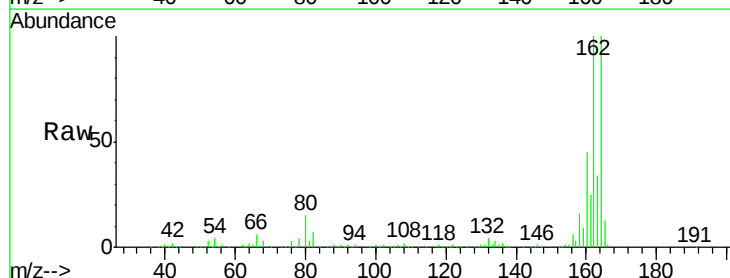
Tgt Ion:164 Resp: 478045

Ion Ratio Lower Upper

164 100

162 99.5 77.1 115.7

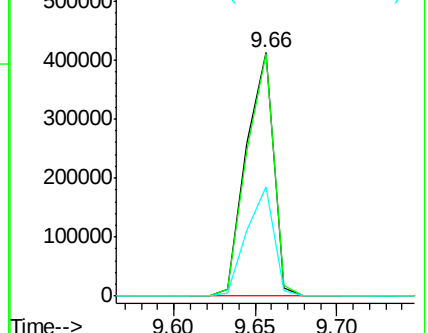
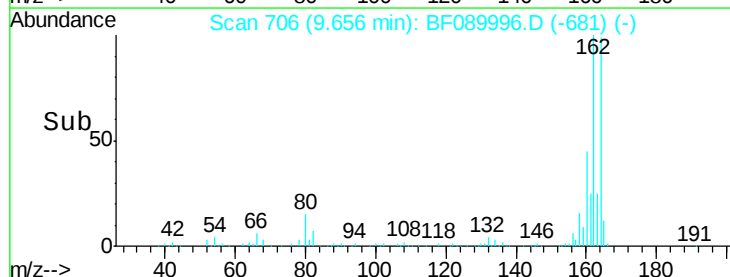
160 44.6 35.3 52.9

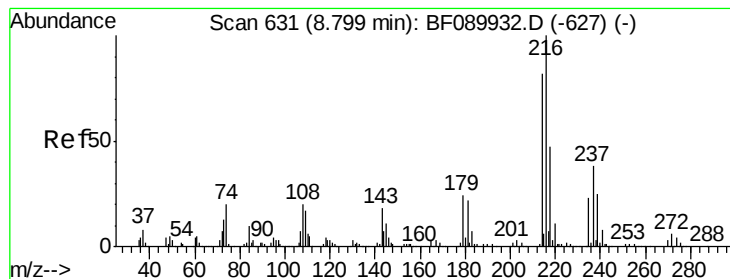


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.46 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 566604

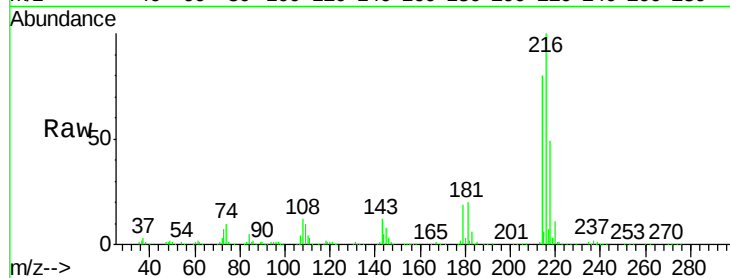
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 20.5 17.3 25.9

108 16.4 15.5 23.3

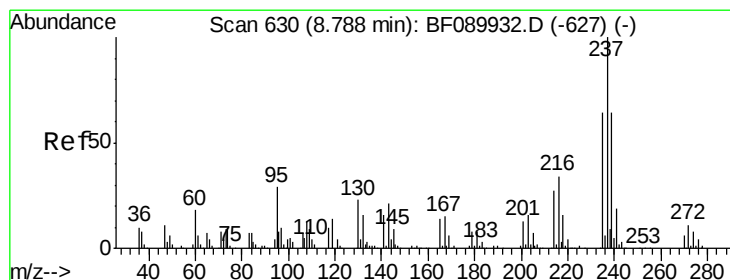
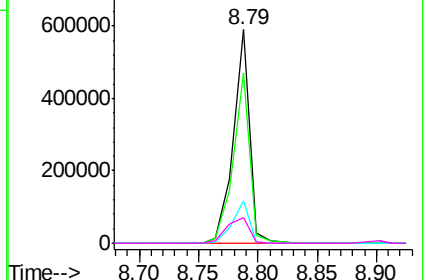
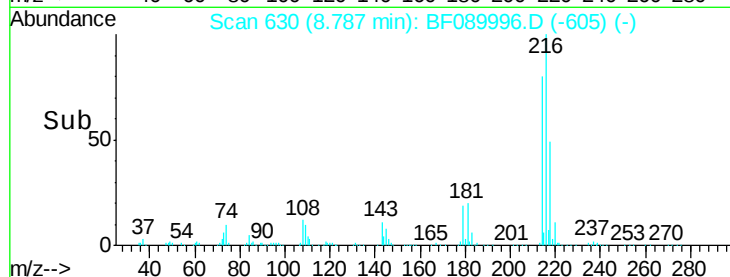


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 45.18 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

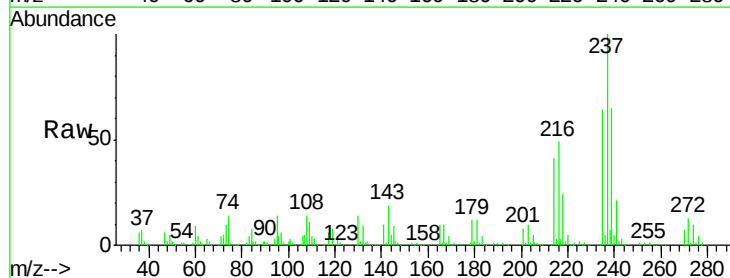
Tgt Ion:237 Resp: 324427

Ion Ratio Lower Upper

237 100

235 64.0 39.6 79.6

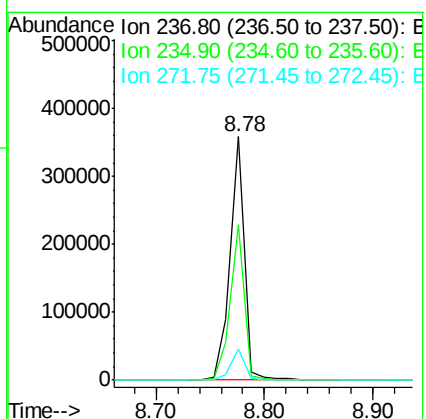
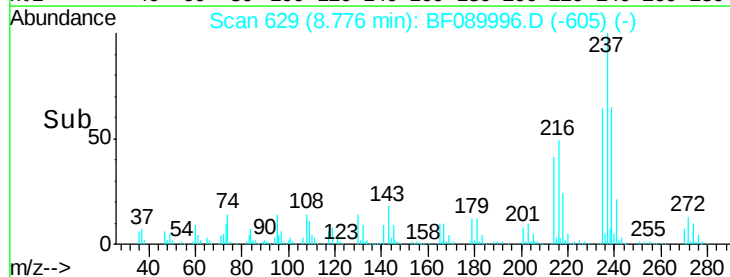
272 12.7 0.0 34.6

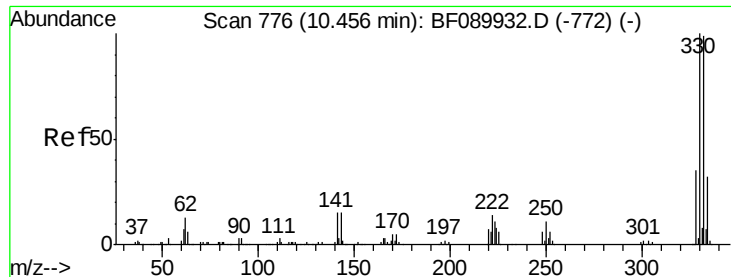


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

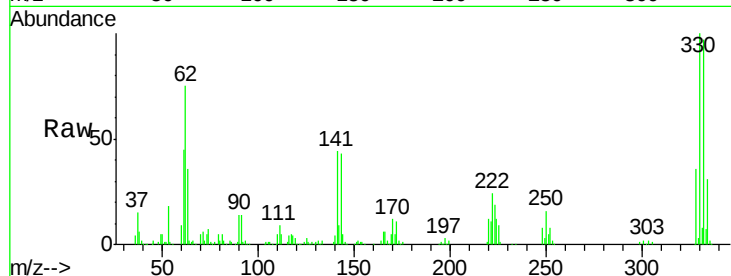




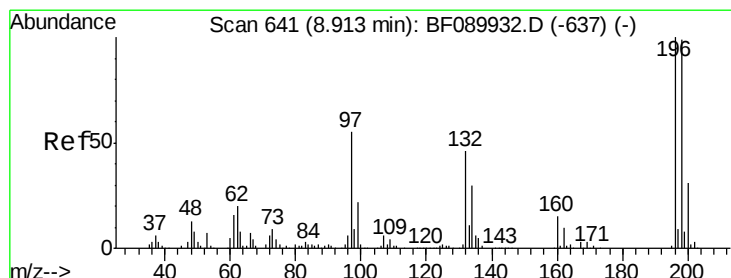
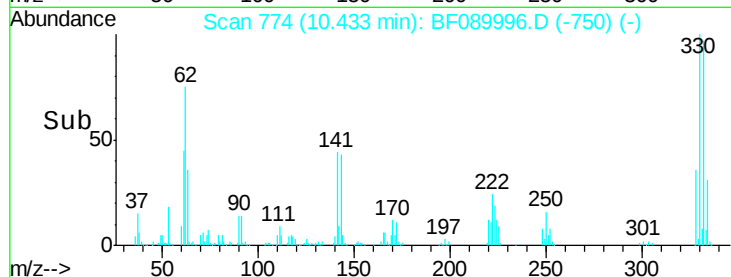
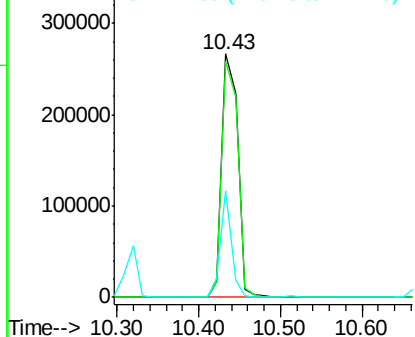
#41
 2,4,6-Tribromophenol
 Concen: 76.32 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 359966
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.6 117.8
 141 30.7 23.3 34.9

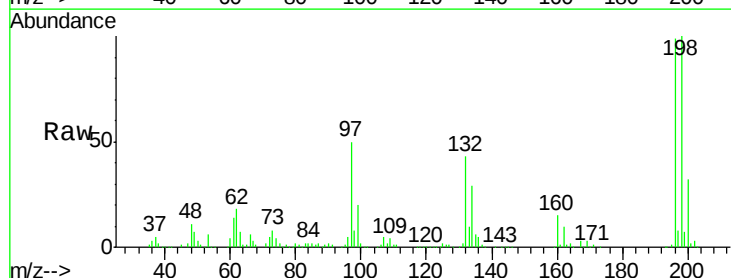


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

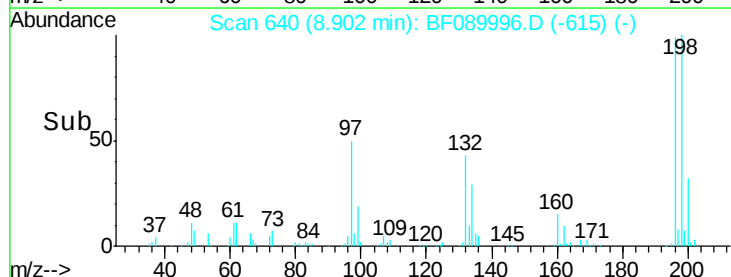
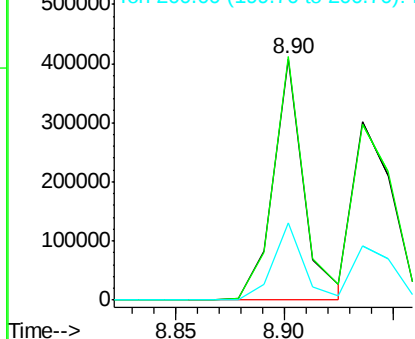


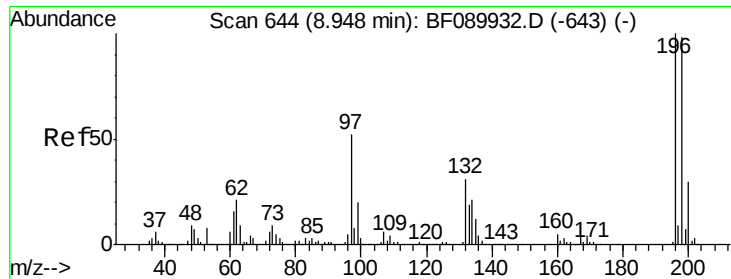
#42
 2,4,6-Trichlorophenol
 Concen: 41.54 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Tgt Ion:196 Resp: 403177
 Ion Ratio Lower Upper
 196 100
 198 100.9 78.3 117.5
 200 31.9 24.8 37.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

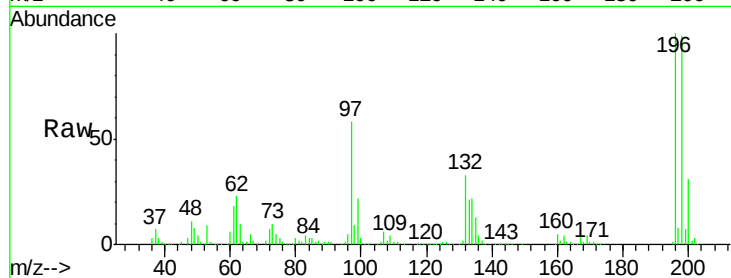




#43
 2,4,5-Trichlorophenol
 Concen: 41.04 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	80.8	121.2
97	57.5	44.2	66.4
132	33.3	25.8	38.6



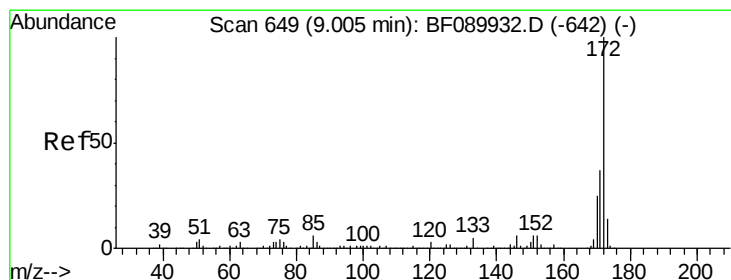
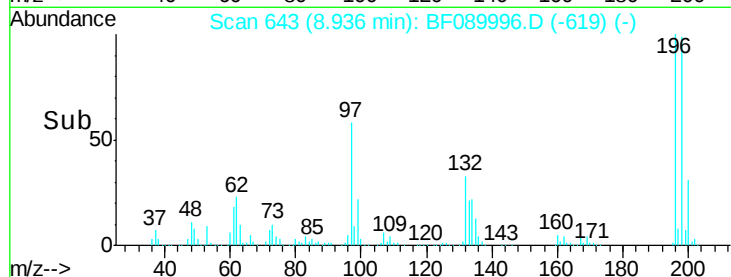
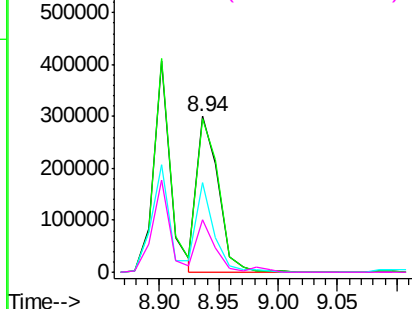
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

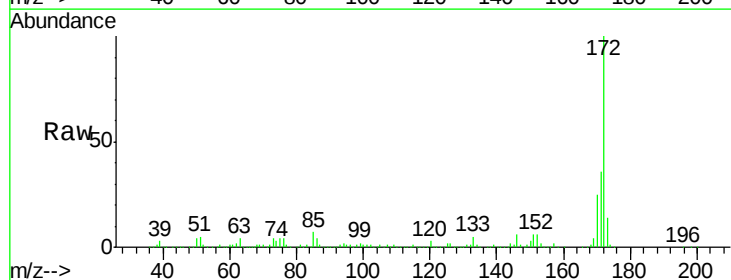
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.63 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.7	20.1	30.1

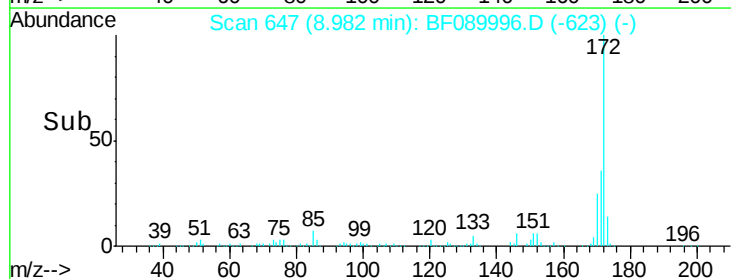
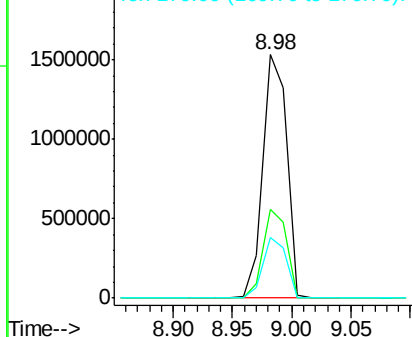


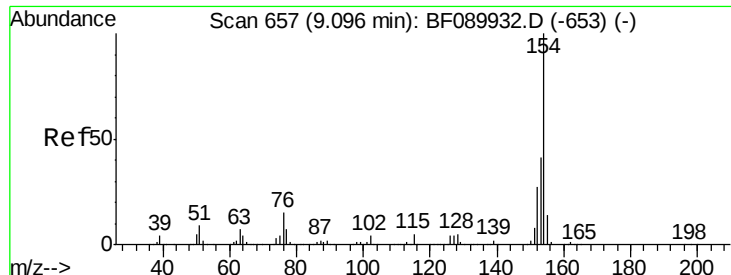
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

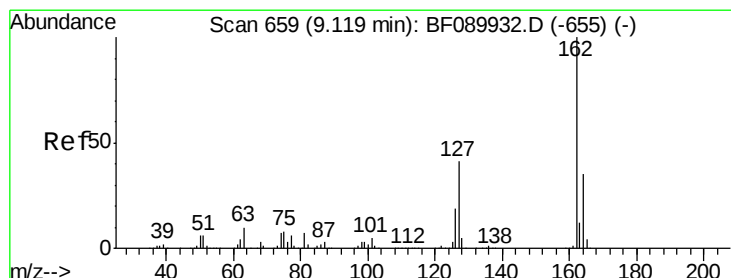
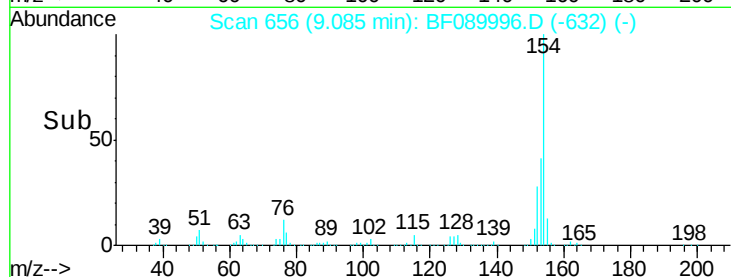
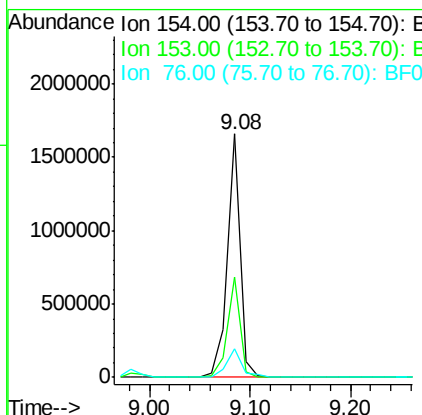
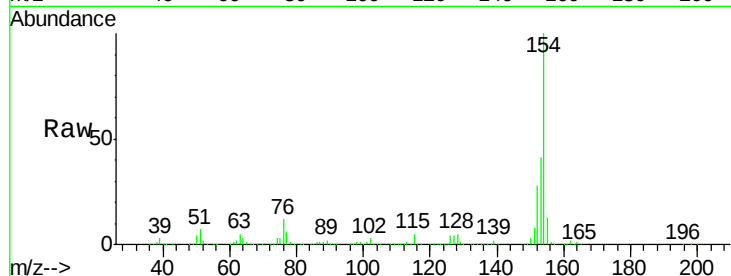




#45
 1,1'-Biphenyl
 Concen: 38.12 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

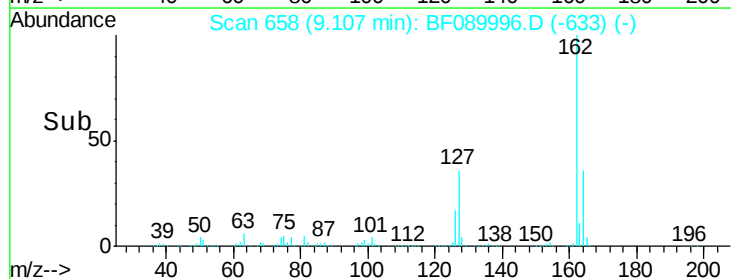
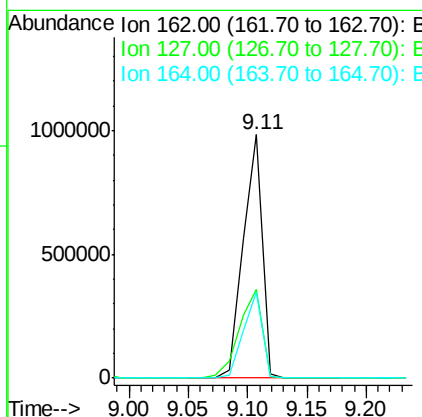
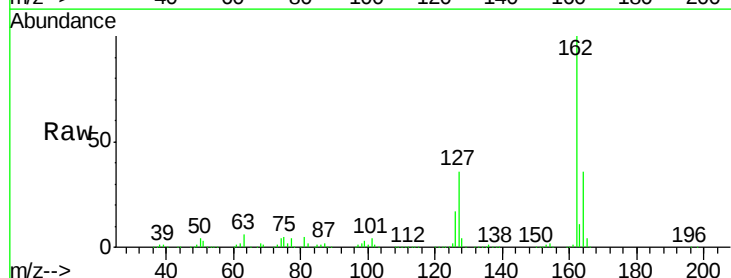
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

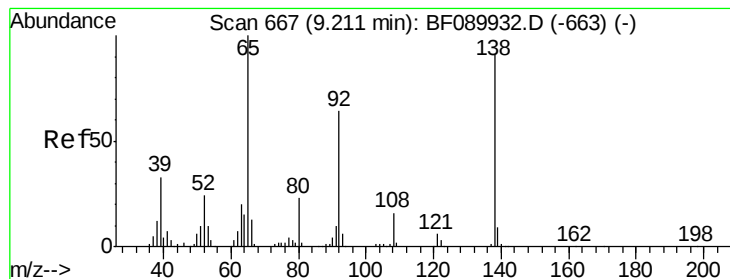
Tot Ion:154 Resp: 1467425
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.6 60.6
 76 11.8 0.0 34.9



#46
 2-Chloronaphthalene
 Concen: 40.50 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Tgt Ion:162 Resp: 1102615
 Ion Ratio Lower Upper
 162 100
 127 36.2 33.5 50.3
 164 35.5 28.2 42.4





#47

2-Nitroaniline

Concen: 39.74 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

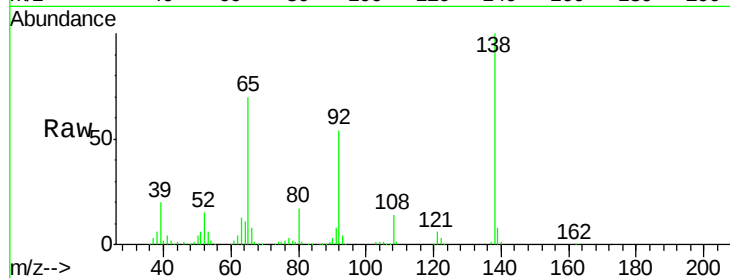
Tot Ion: 65 Resp: 353717

Ion Ratio Lower Upper

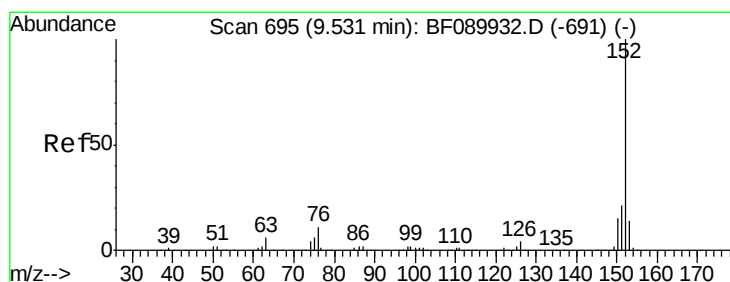
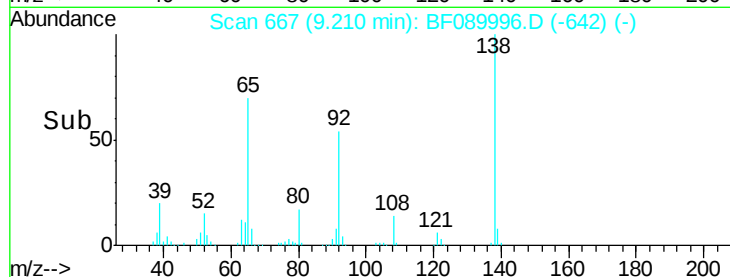
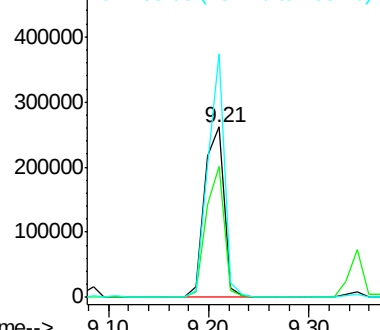
65 100

92 76.5 52.0 78.0

138 142.8 72.1 108.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 38.17 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

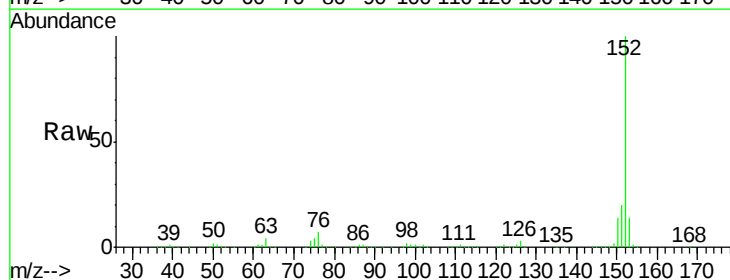
Tgt Ion: 152 Resp: 1718305

Ion Ratio Lower Upper

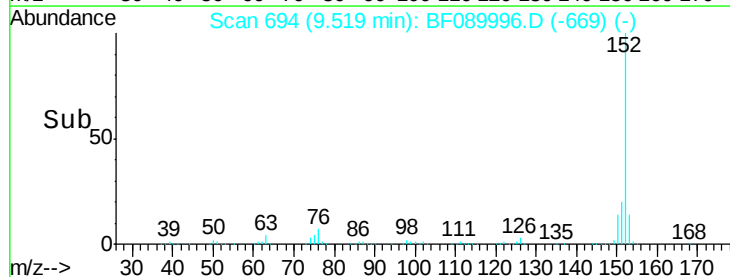
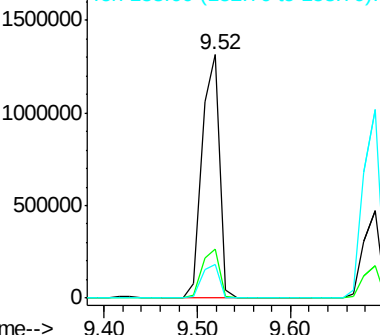
152 100

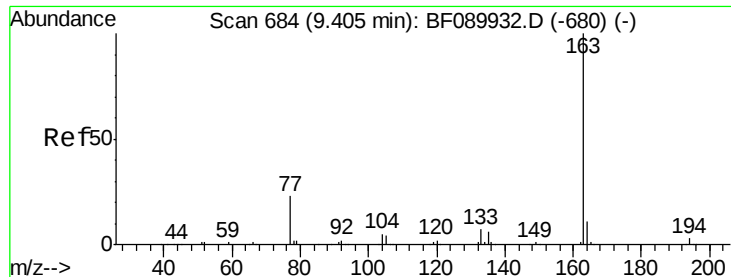
151 20.4 16.7 25.1

153 13.7 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

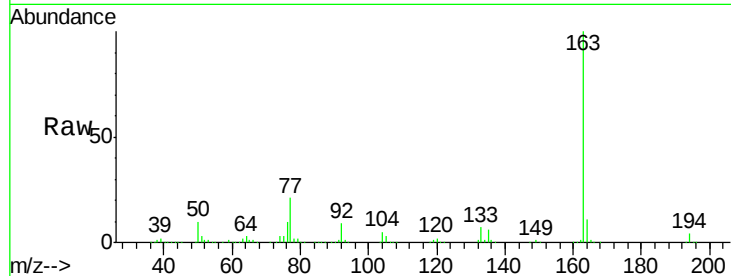




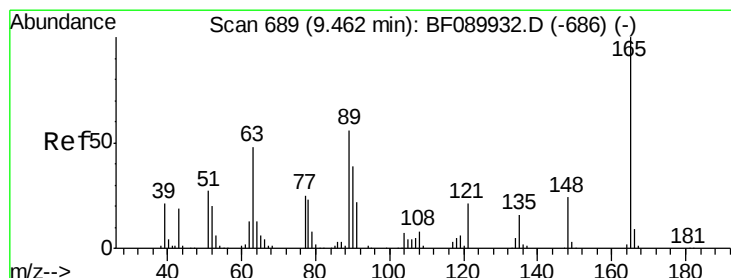
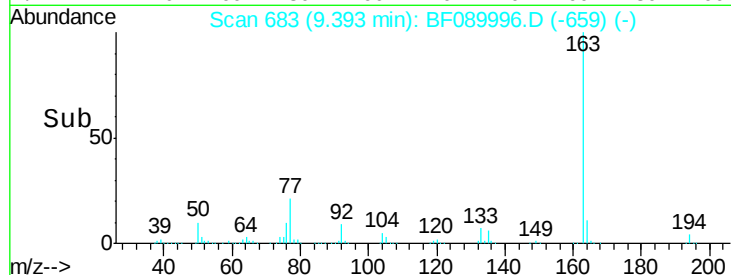
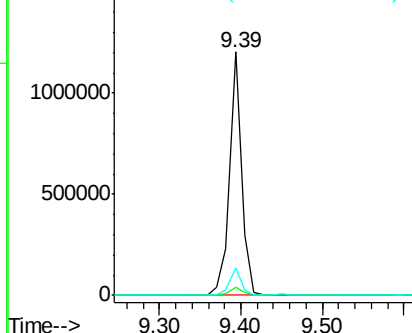
#49
Dimethylphthalate
Concen: 35.57 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1229113
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 11.2 9.0 13.4

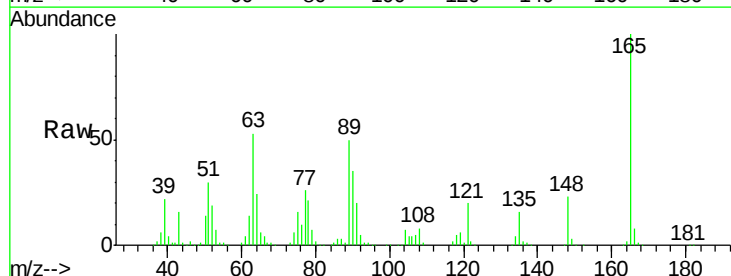


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

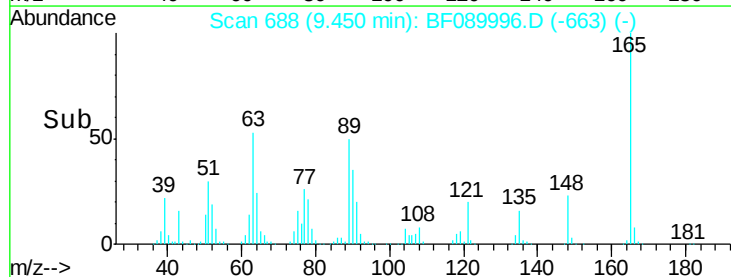
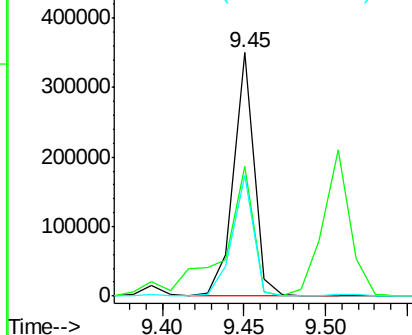


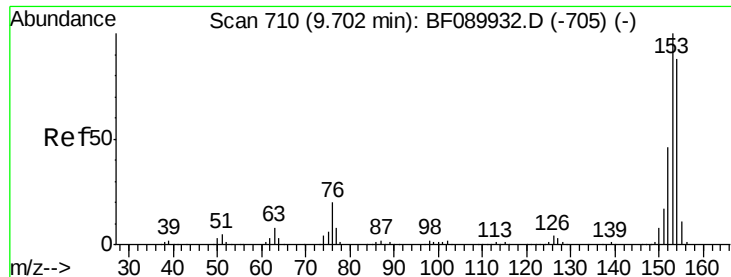
#50
2,6-Dinitrotoluene
Concen: 39.24 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Tgt Ion:165 Resp: 301540
Ion Ratio Lower Upper
165 100
63 53.4 45.0 67.4
89 49.6 41.5 62.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.07 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

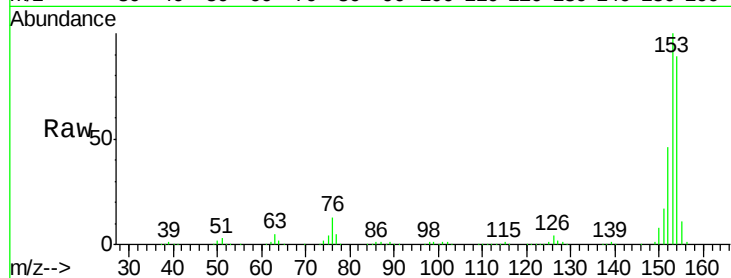
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1171527

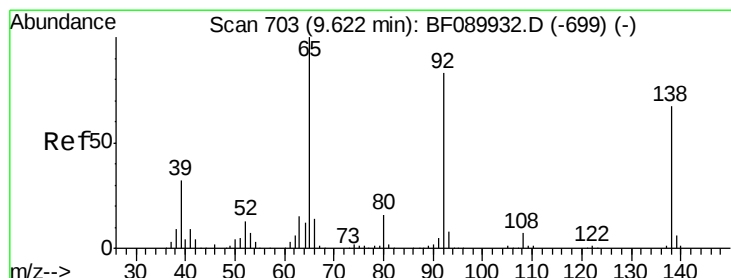
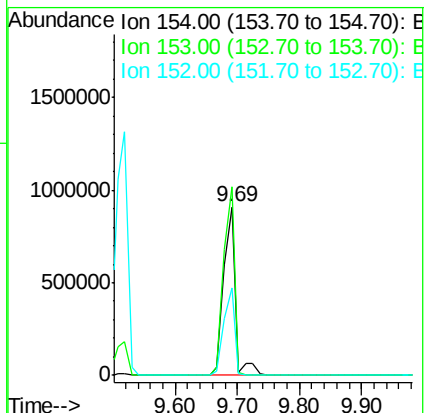
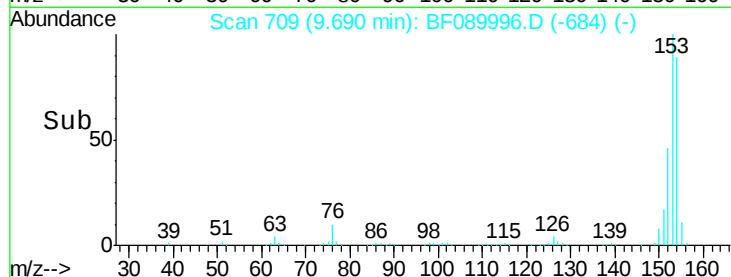
Ion	Ratio	Lower	Upper
154	100		
153	112.4	90.6	135.8
152	52.0	42.4	63.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.72 ng

RT: 9.62 min Scan# 703

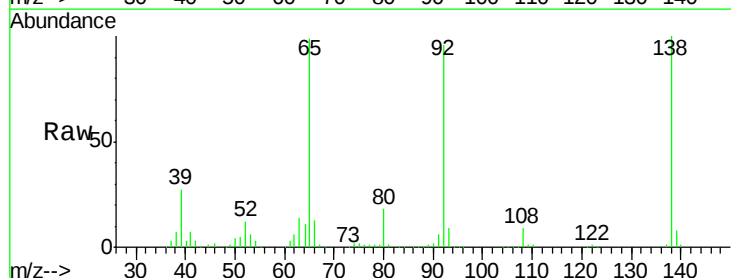
Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Tgt Ion:138 Resp: 374466

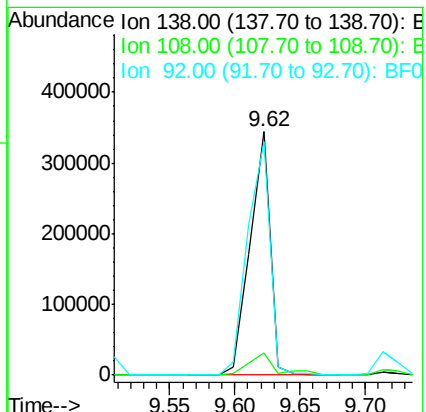
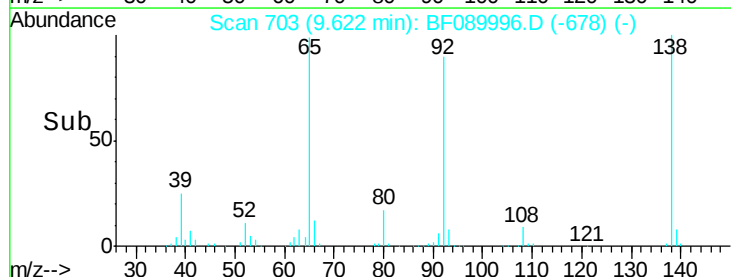
Ion	Ratio	Lower	Upper
138	100		
108	9.0	8.3	12.5
92	95.9	99.1	148.7#

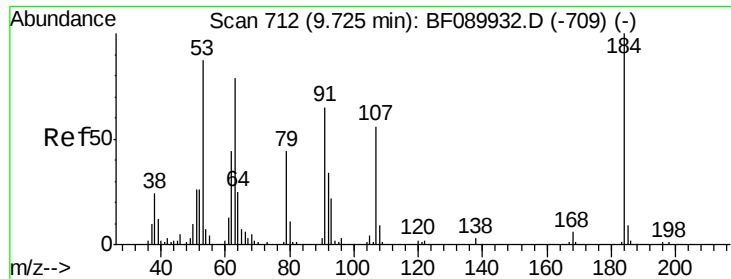


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

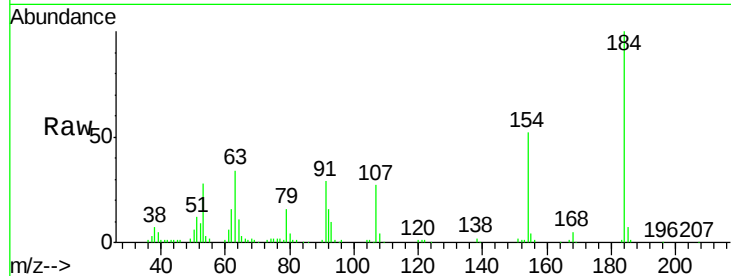




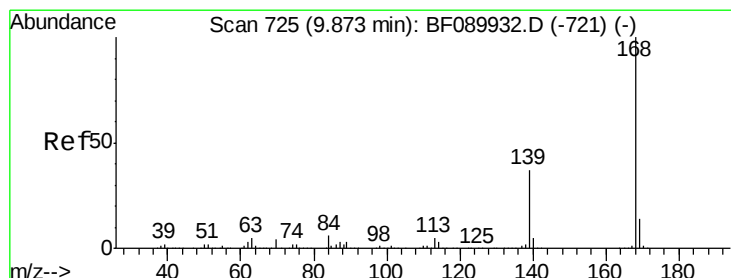
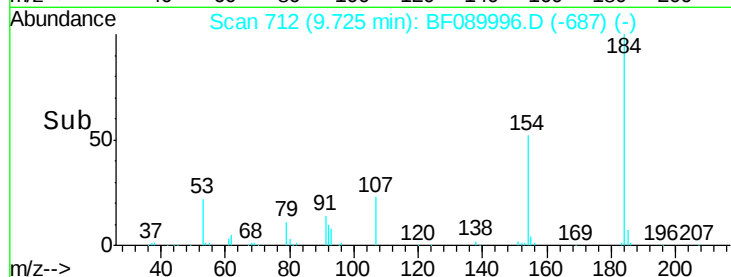
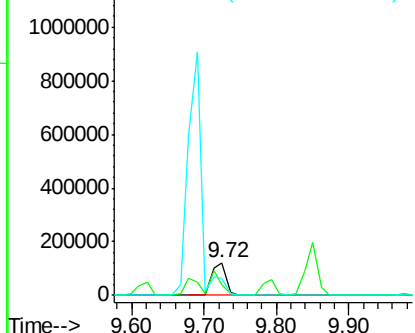
#53
2,4-Dinitrophenol
Concen: 43.09 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 168894
Ion Ratio Lower Upper
184 100
63 33.9 73.9 110.9#
154 52.1 53.5 80.3#

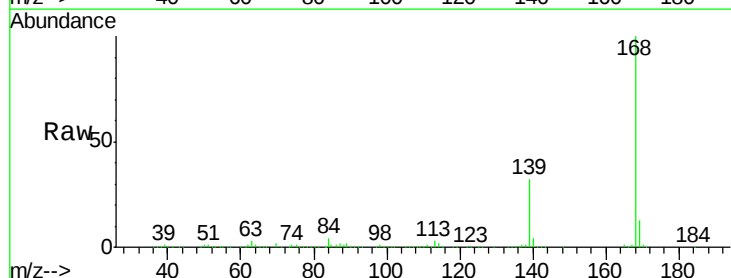


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

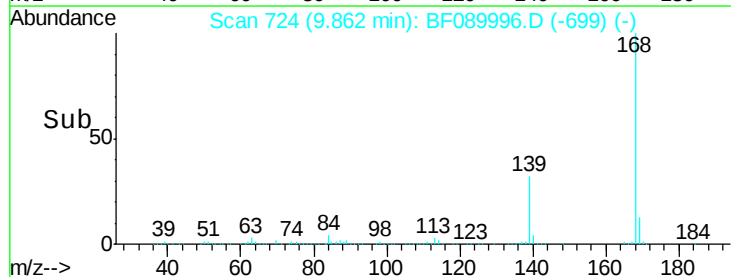
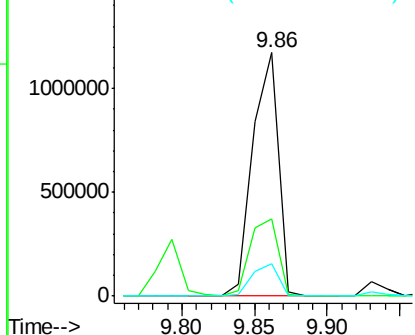


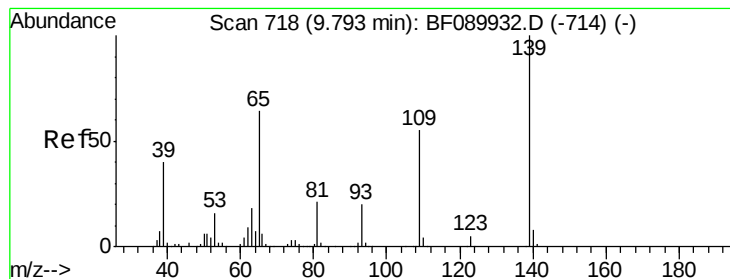
#54
Dibenzofuran
Concen: 37.60 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Tgt Ion:168 Resp: 1437258
Ion Ratio Lower Upper
168 100
139 31.8 29.5 44.3
169 13.3 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 44.68 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

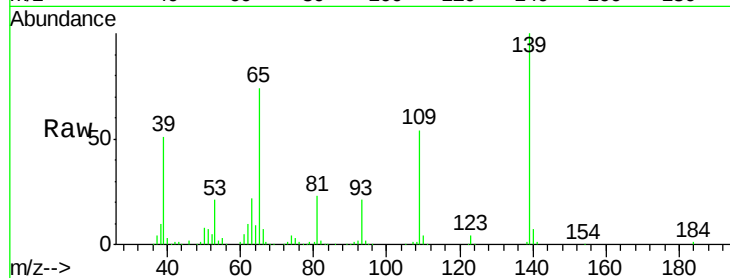
Tot Ion:139 Resp: 295372

Ion Ratio Lower Upper

139 100

109 53.9 31.3 71.3

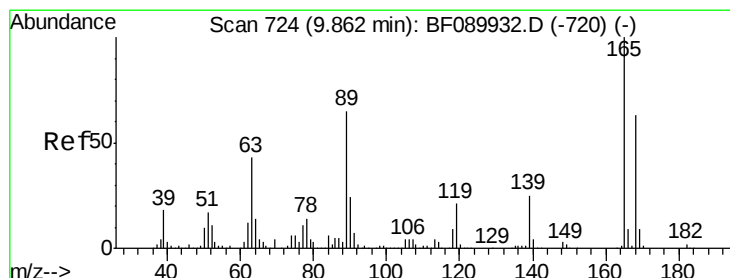
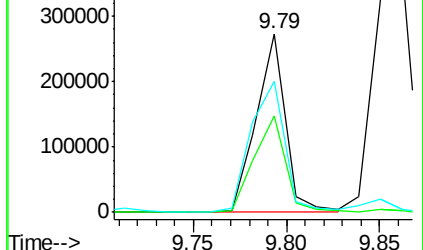
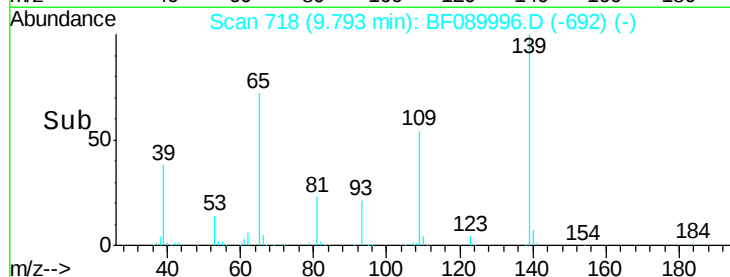
65 73.6 38.5 78.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.85 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Tgt Ion:165 Resp: 398133

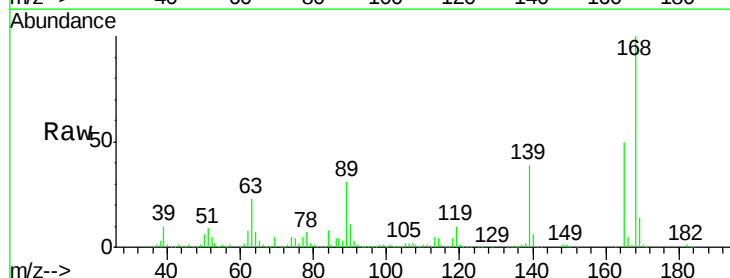
Ion Ratio Lower Upper

165 100

63 46.7 32.5 48.7

89 62.6 48.3 72.5

182 2.3 1.7 2.5

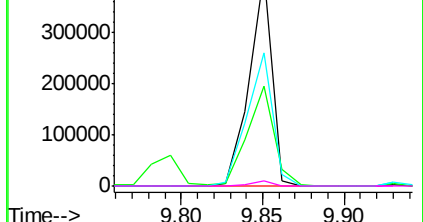
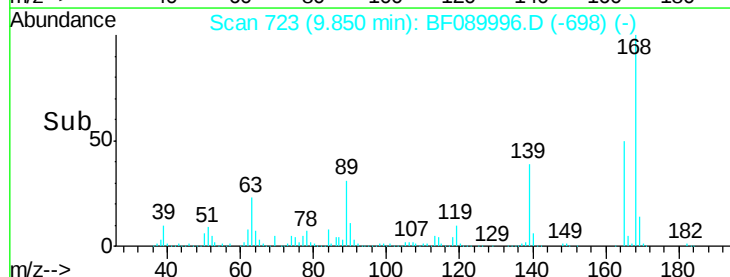


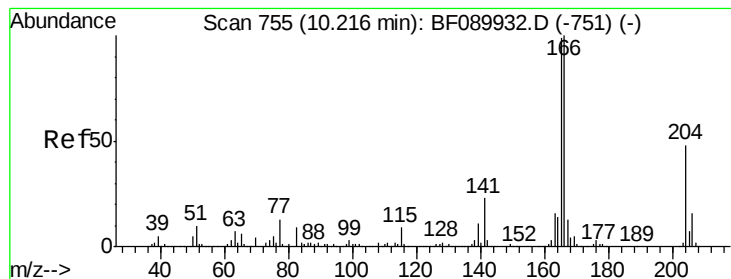
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.75 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

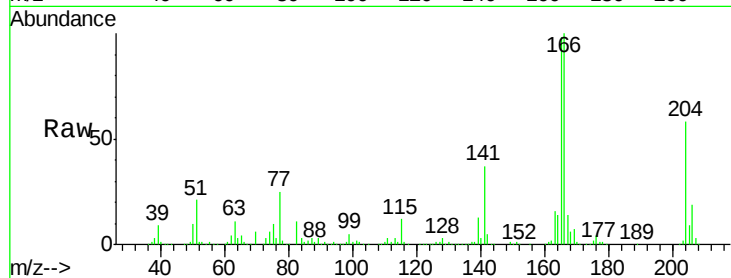
Tot Ion:166 Resp: 970612

Ion Ratio Lower Upper

166 100

165 98.0 78.6 118.0

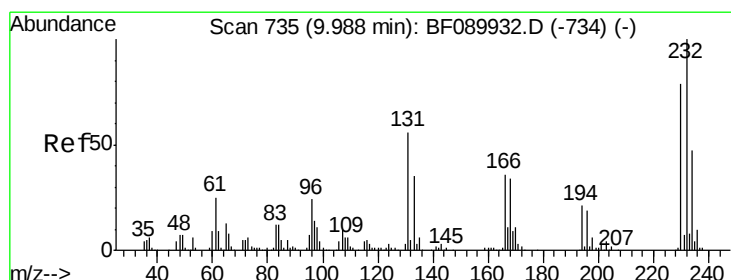
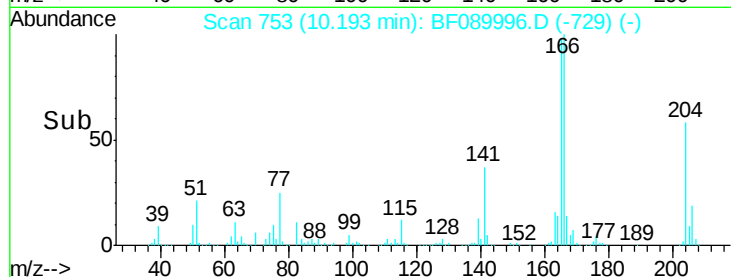
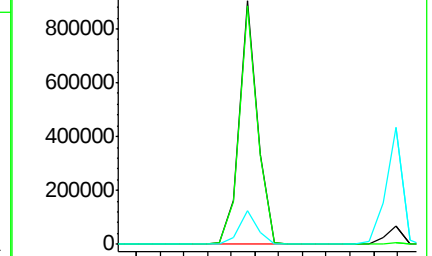
167 13.8 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.56 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Tgt Ion:232 Resp: 308076

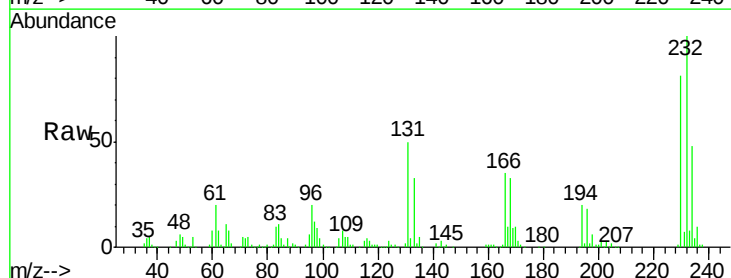
Ion Ratio Lower Upper

232 100

131 43.9 36.3 54.5

130 2.0 1.7 2.5

166 30.8 24.4 36.6

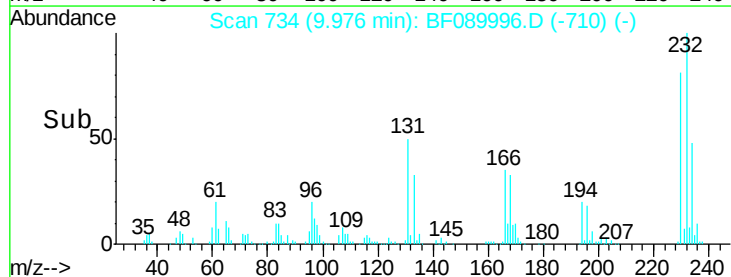
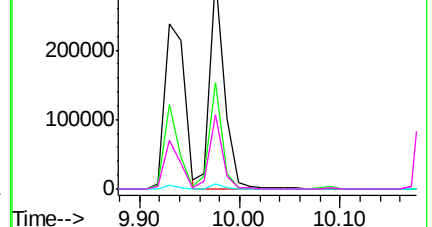


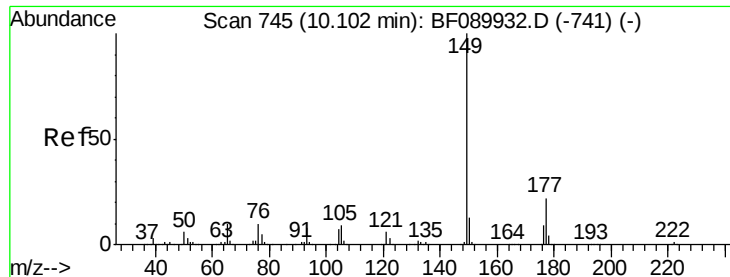
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

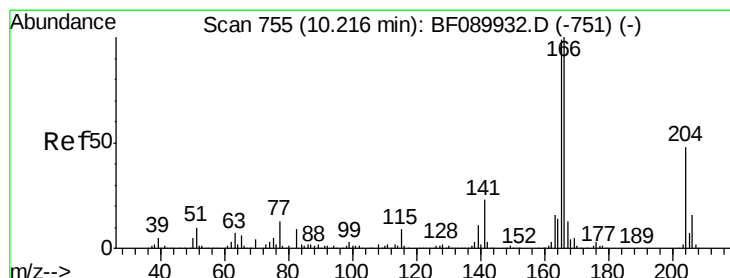
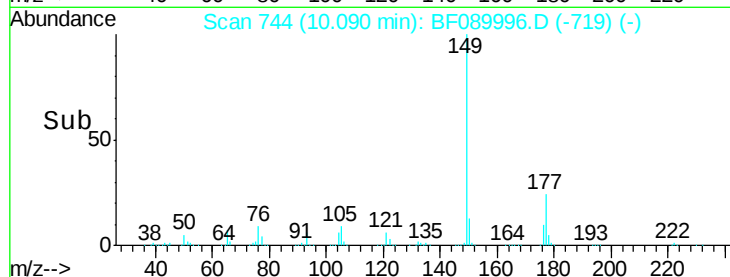
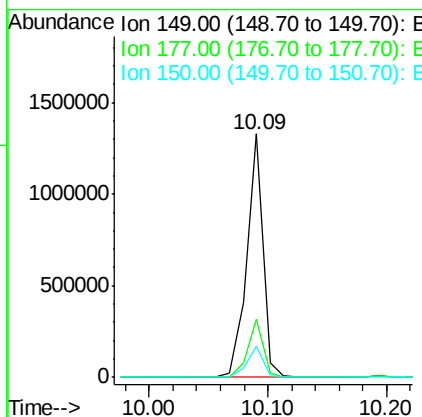
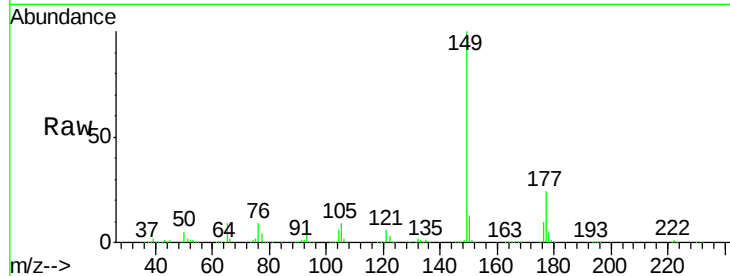




#59
Diethylphthalate
Concen: 38.97 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

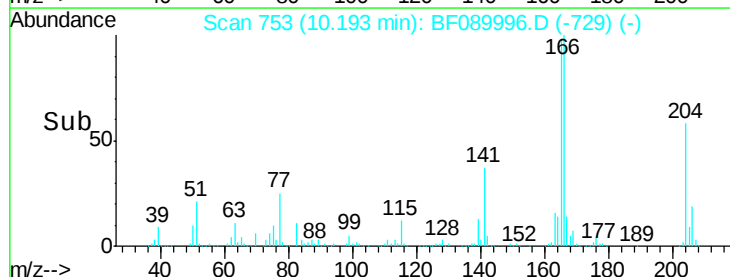
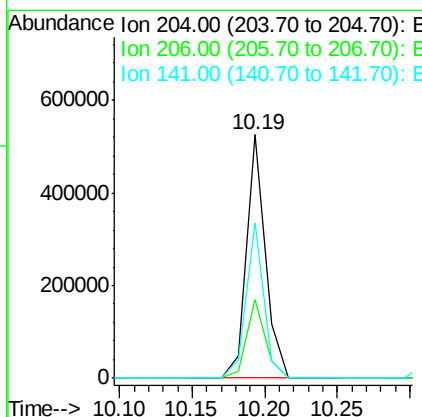
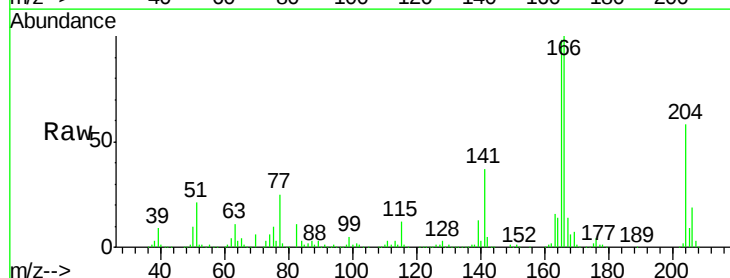
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

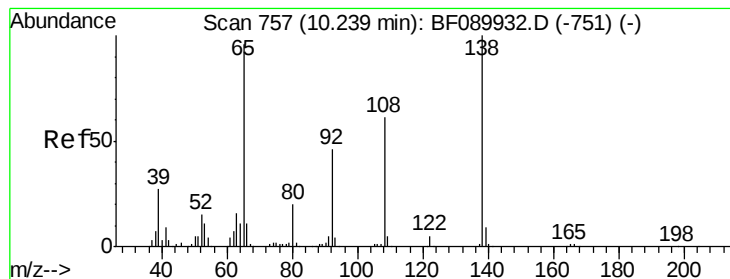
Tot Ion:149 Resp: 1266657
Ion Ratio Lower Upper
149 100
177 23.6 17.7 26.5
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.19 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Tgt Ion:204 Resp: 475663
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 63.8 36.5 54.7#





#61

4-Nitroaniline

Concen: 38.05 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

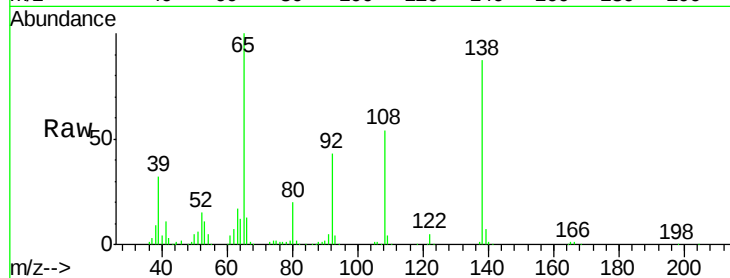
Tot Ion:138 Resp: 327707

Ion Ratio Lower Upper

138 100

92 49.7 21.2 61.2

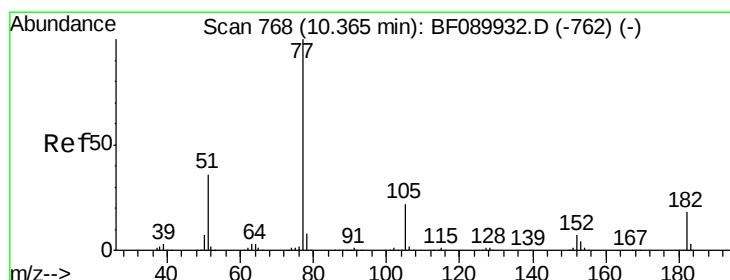
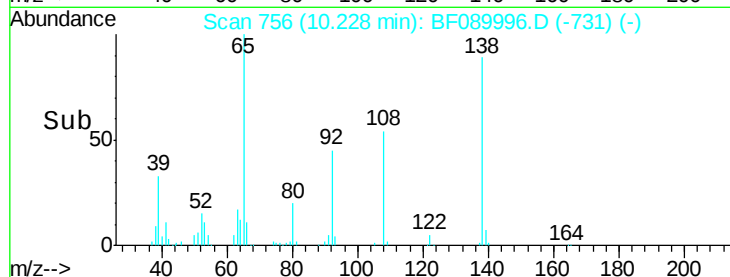
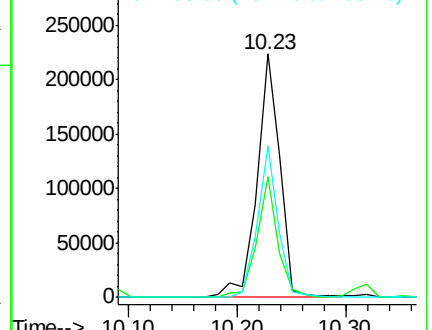
108 62.0 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.27 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Tgt Ion: 77 Resp: 1242374

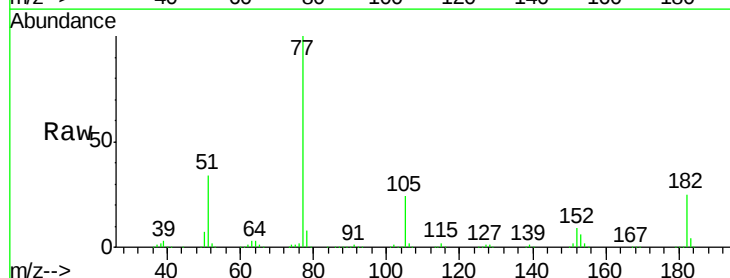
Ion Ratio Lower Upper

77 100

182 25.5 0.0 38.6

105 24.4 2.3 42.3

51 33.8 15.1 55.1

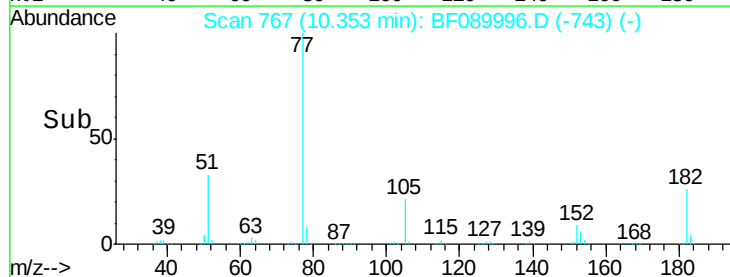
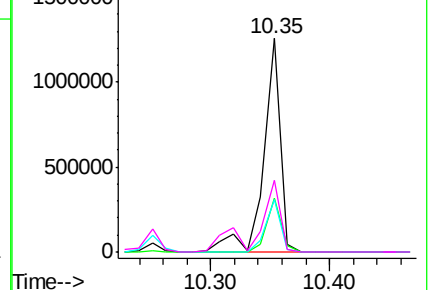


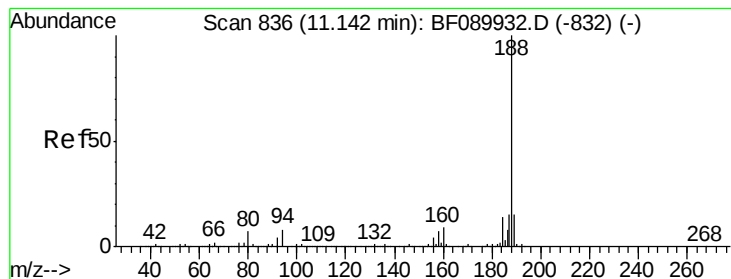
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

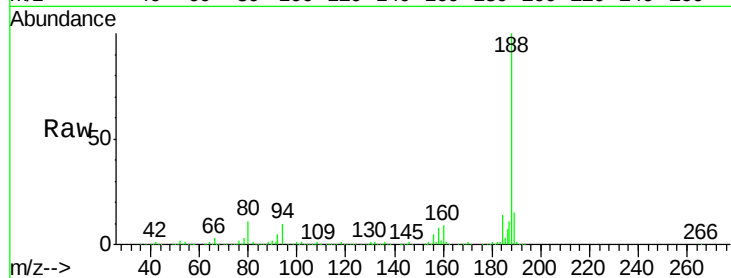
Tot Ion:188 Resp: 875547

Ion Ratio Lower Upper

188 100

94 9.9 5.9 8.9#

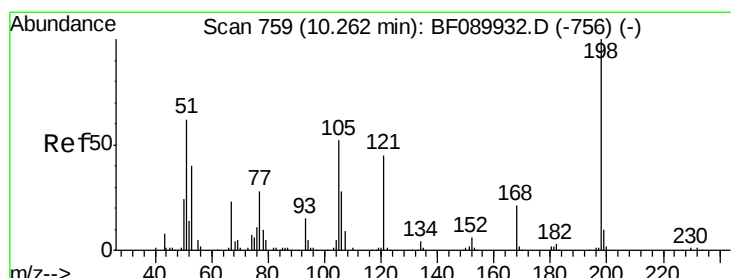
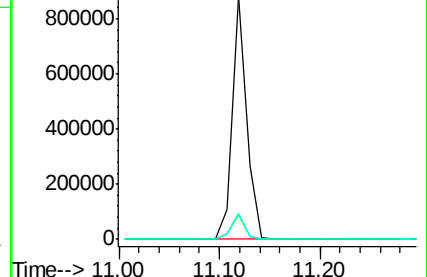
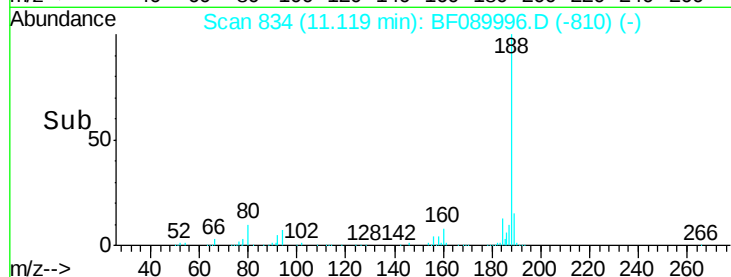
80 10.6 5.8 8.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.47 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

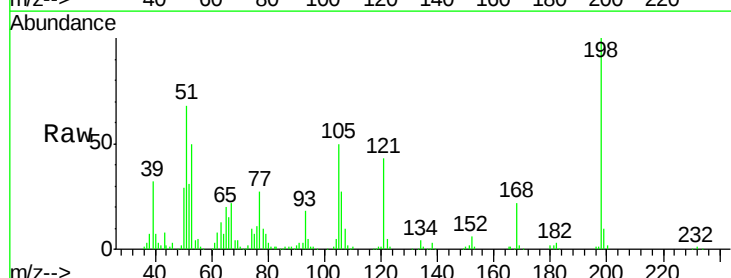
Tgt Ion:198 Resp: 221230

Ion Ratio Lower Upper

198 100

51 67.8 43.0 83.0

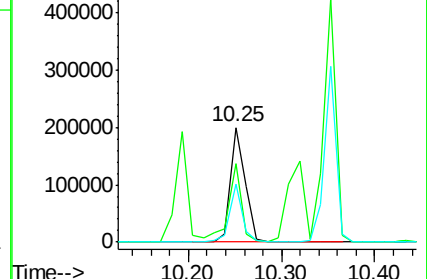
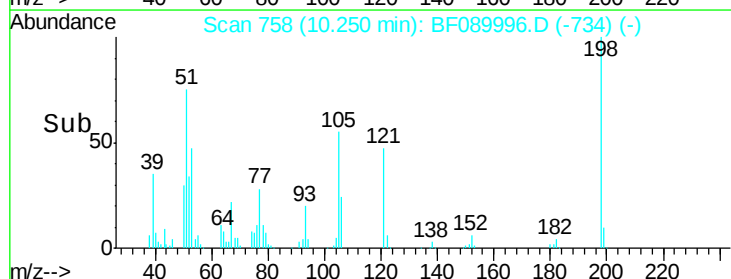
105 50.4 30.3 70.3

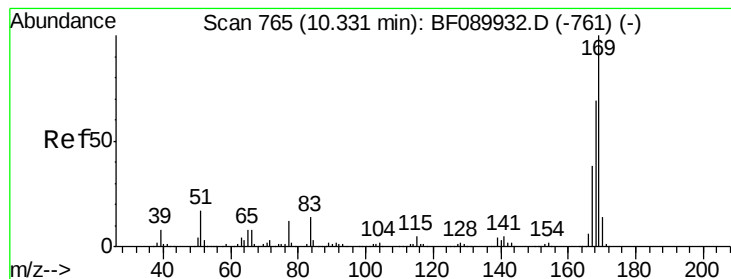


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.88 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

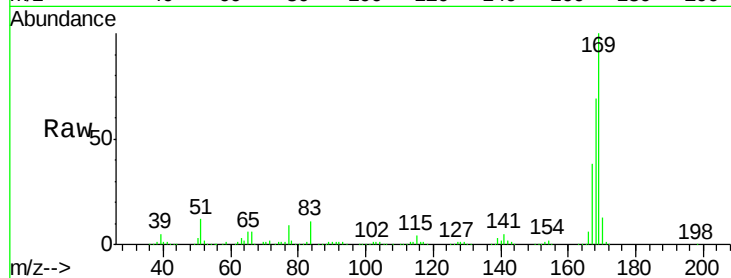
Tot Ion:169 Resp: 1102268

Ion Ratio Lower Upper

169 100

168 68.8 55.0 82.4

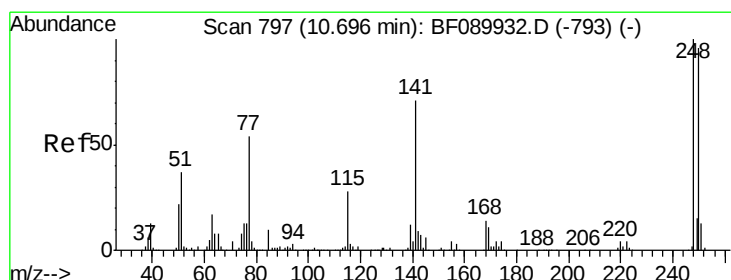
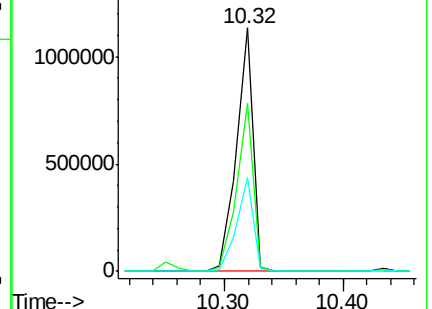
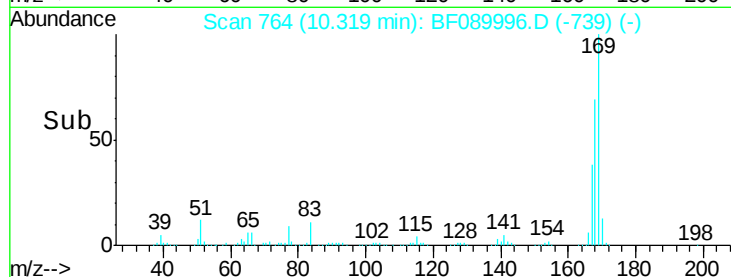
167 38.4 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.92 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

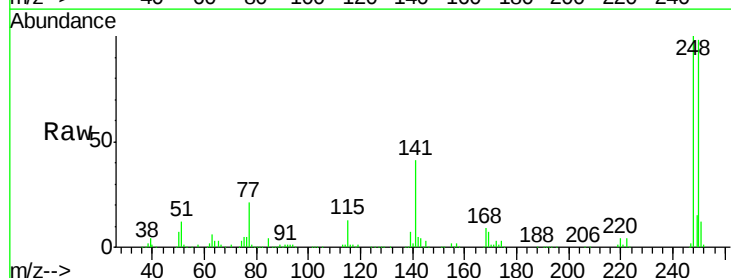
Tgt Ion:248 Resp: 369469

Ion Ratio Lower Upper

248 100

250 98.0 77.3 115.9

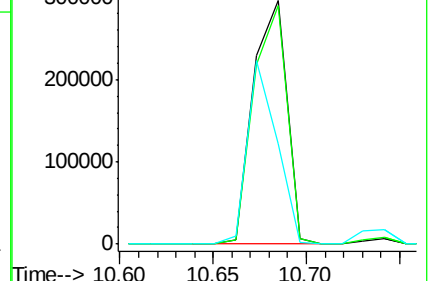
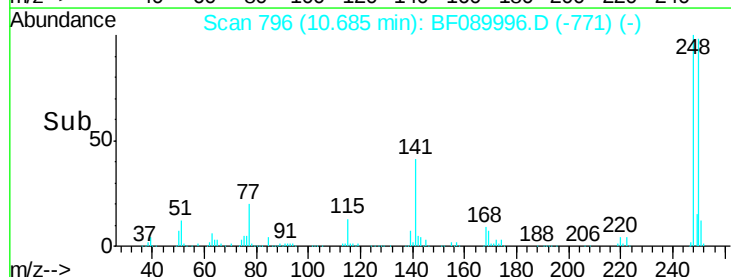
141 41.1 55.8 83.8#

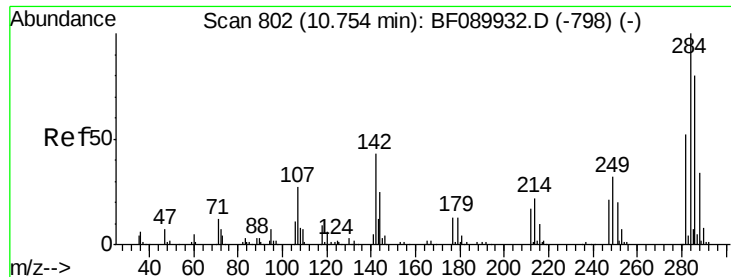


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

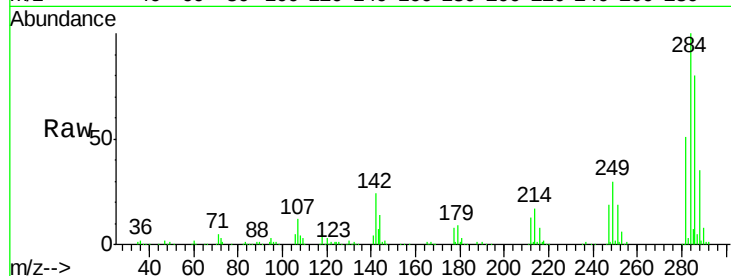




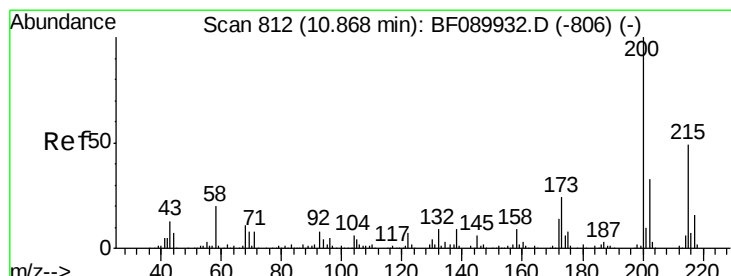
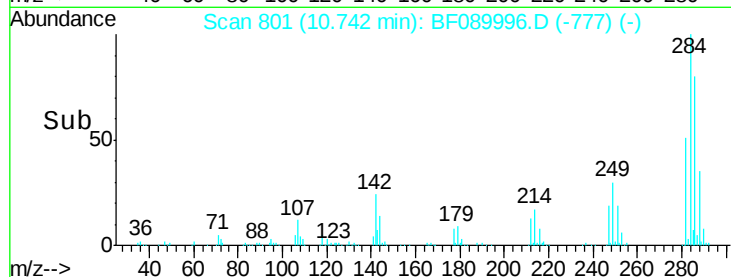
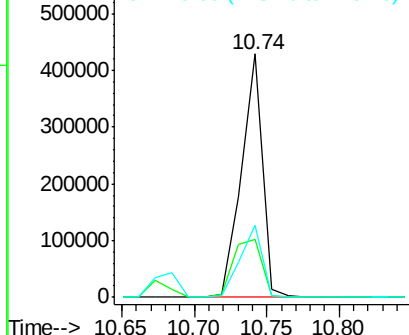
#67
Hexachlorobenzene
Concen: 42.65 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 429460
Ion Ratio Lower Upper
284 100
142 24.0 32.7 49.1#
249 29.9 26.9 40.3

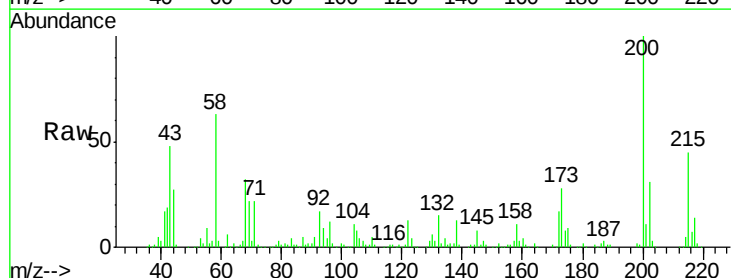


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

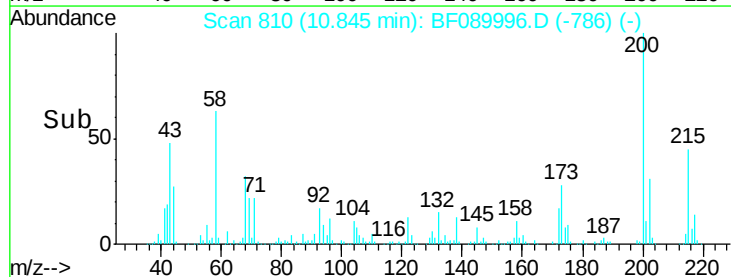
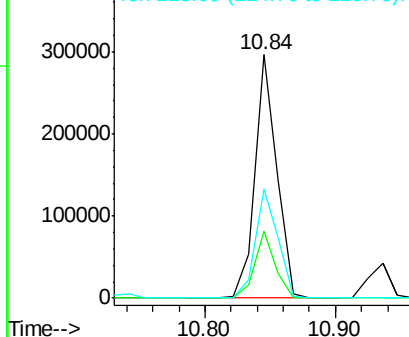


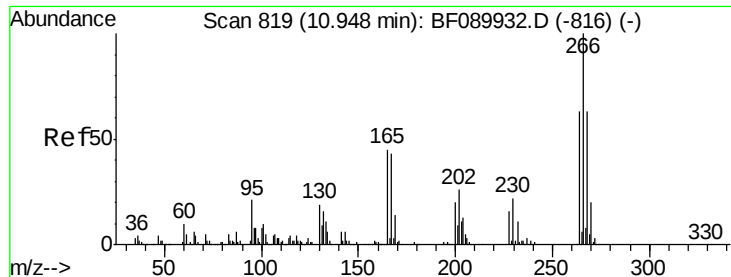
#68
Atrazine
Concen: 39.26 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Tgt Ion:200 Resp: 344979
Ion Ratio Lower Upper
200 100
173 27.7 9.4 49.4
215 45.0 24.5 64.5



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

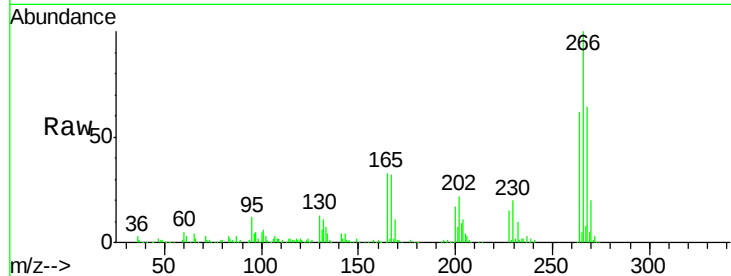




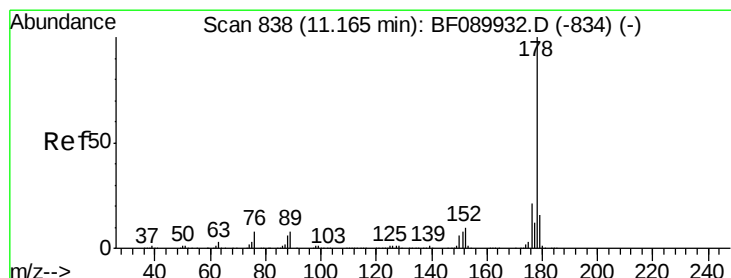
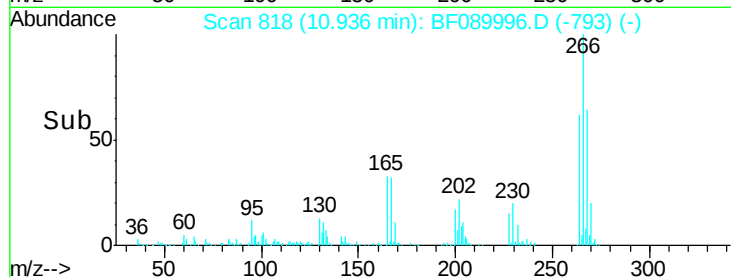
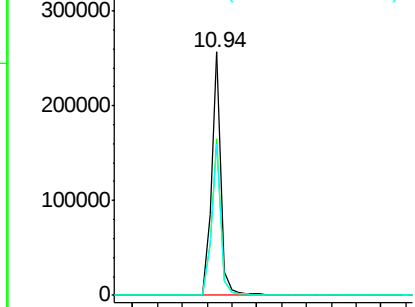
#69
 Pentachlorophenol
 Concen: 49.11 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 266021
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.0 76.6
 264 62.4 50.6 75.8

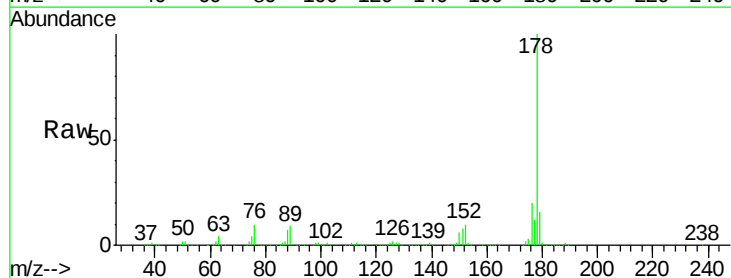


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

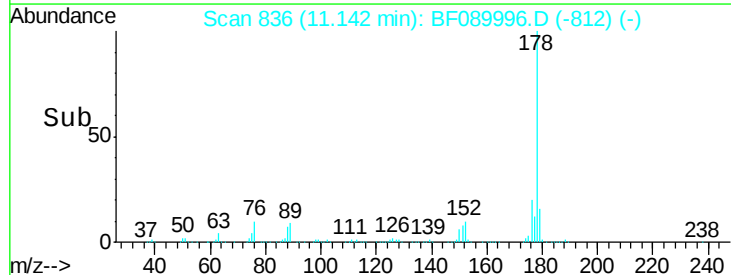
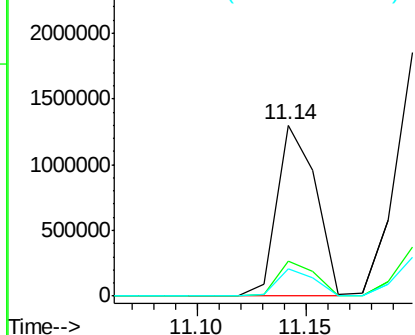


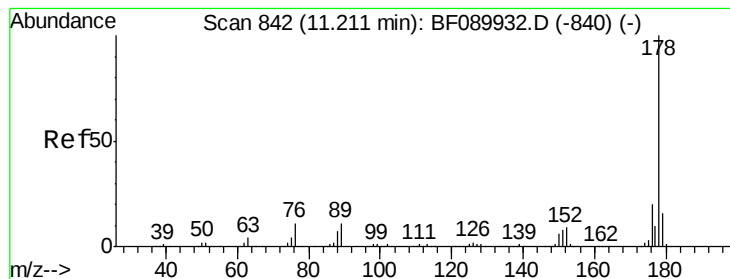
#70
 Phenanthrene
 Concen: 37.25 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Tgt Ion:178 Resp: 1624346
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.5 24.7
 179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.73 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

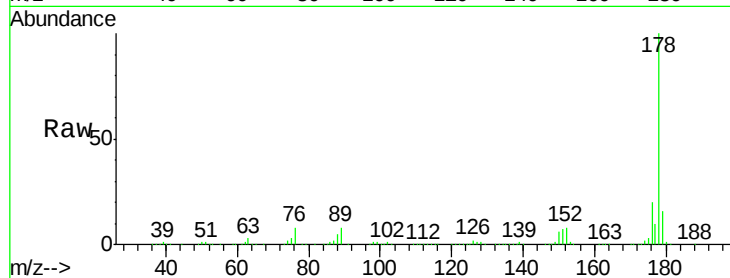
Tot Ion:178 Resp: 1756834

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

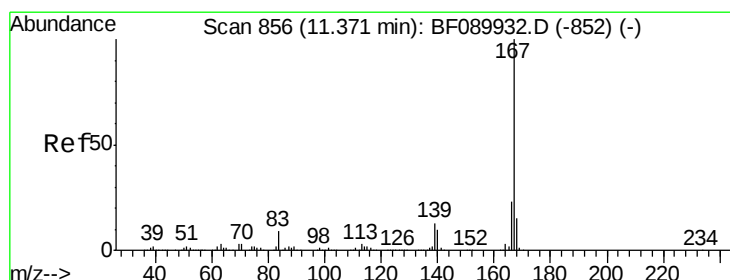
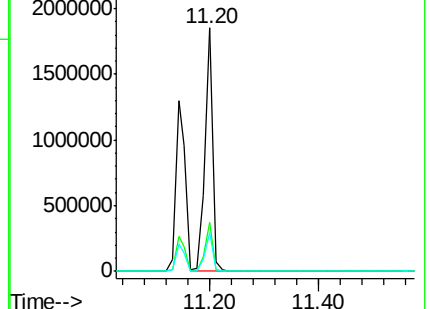
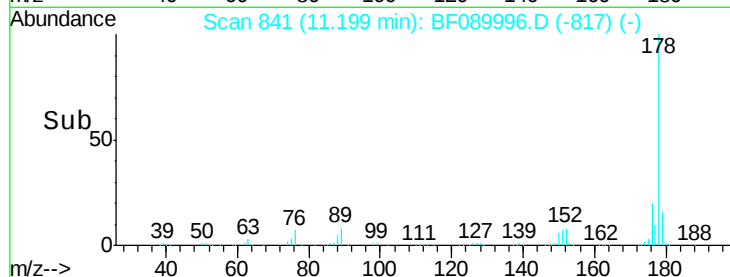
179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.32 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

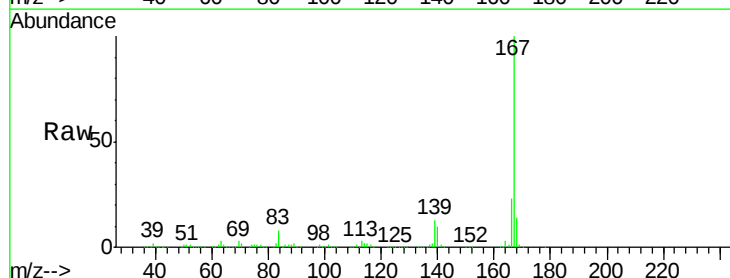
Tgt Ion:167 Resp: 1713462

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

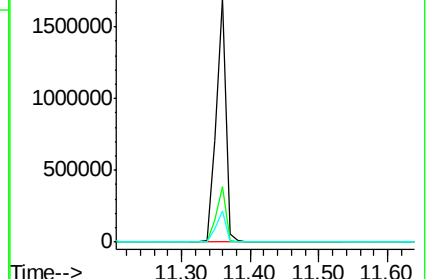
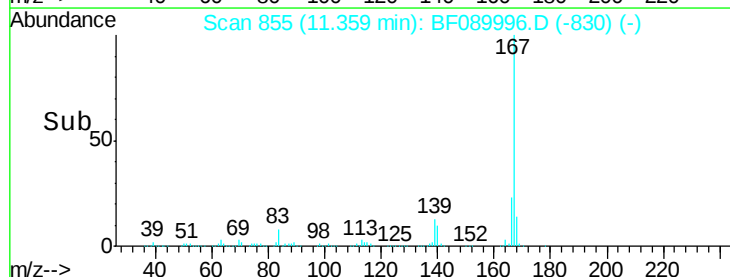
139 12.8 10.4 15.6

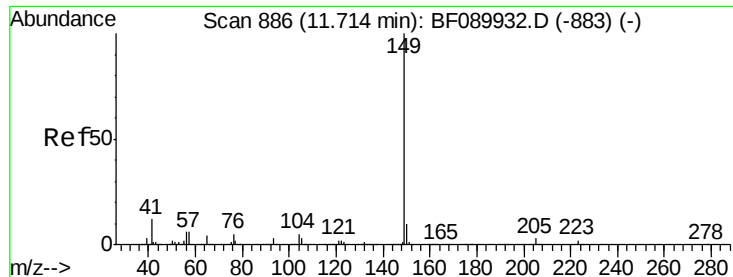


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.41 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

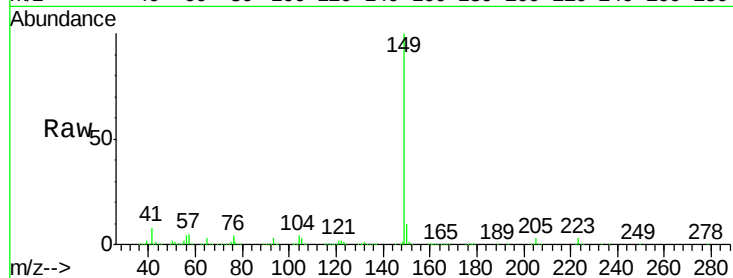
Tot Ion:149 Resp: 1904852

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

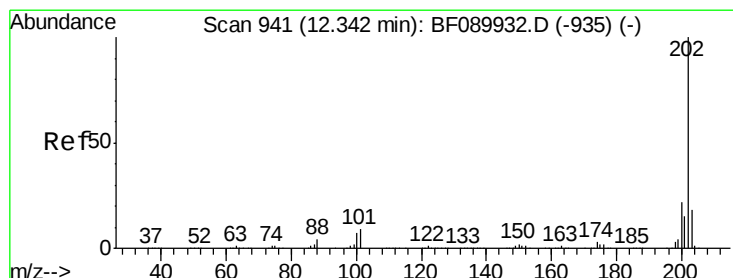
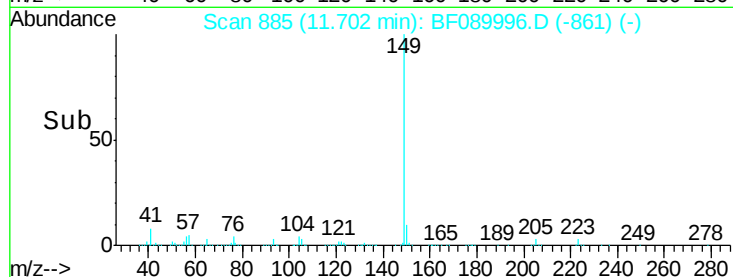
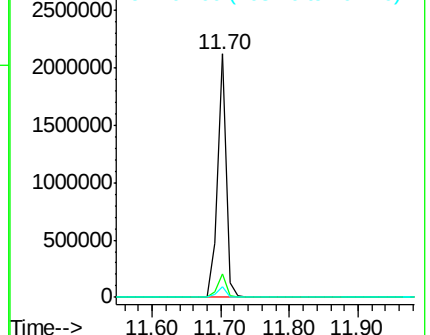
104 4.5 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.30 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

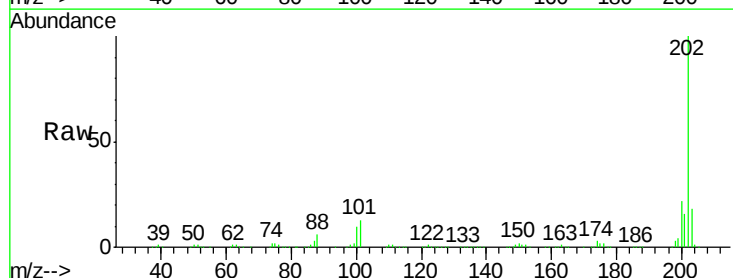
Tgt Ion:202 Resp: 1613039

Ion Ratio Lower Upper

202 100

101 13.0 0.0 28.5

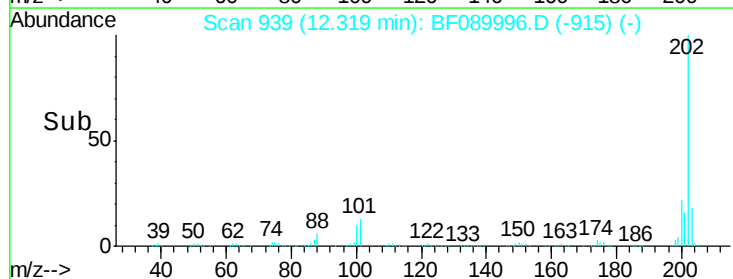
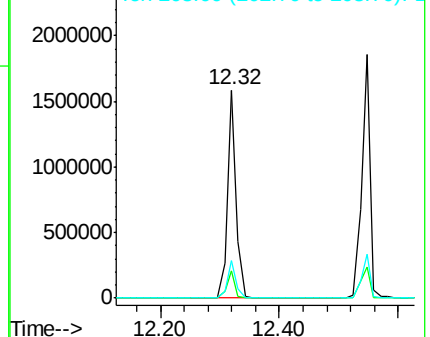
203 18.3 0.0 38.0

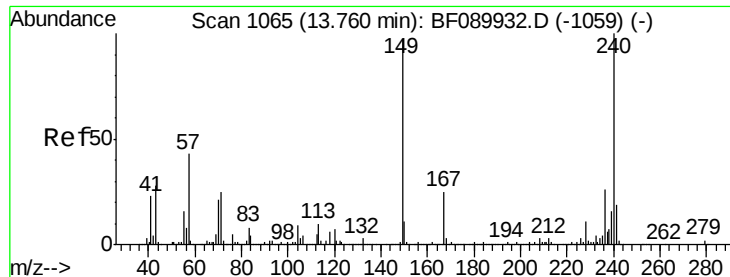


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

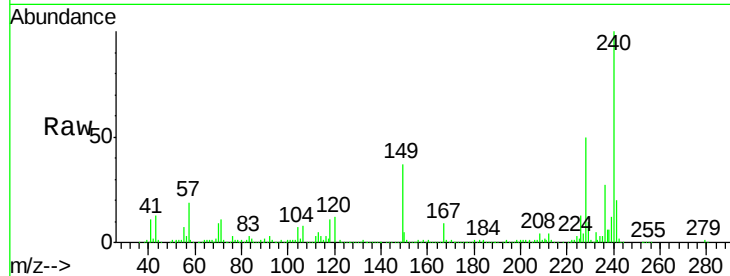
Tot Ion:240 Resp: 653913

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

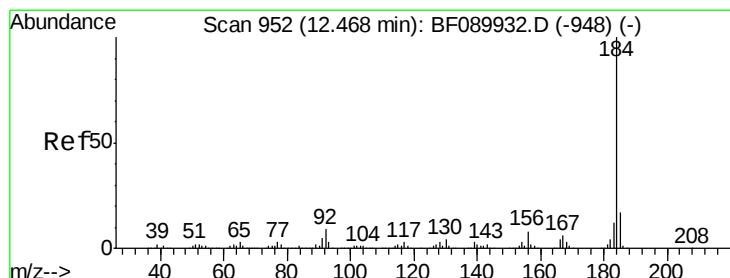
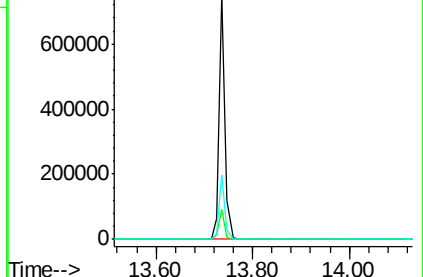
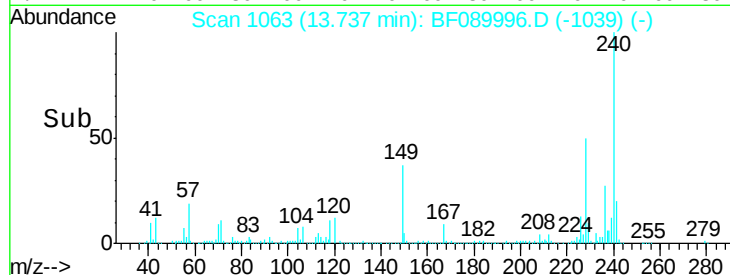
236 26.5 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.78 ng

RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

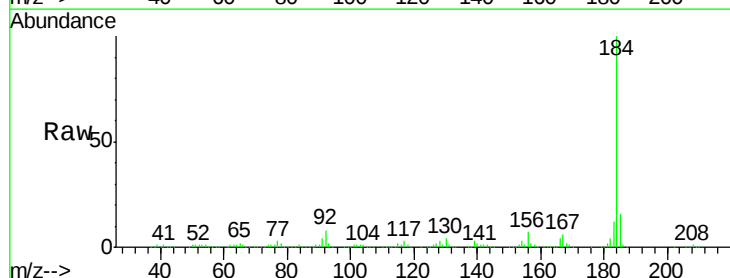
Tgt Ion:184 Resp: 1059861

Ion Ratio Lower Upper

184 100

185 15.9 13.8 20.8

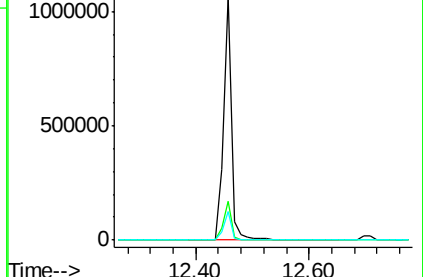
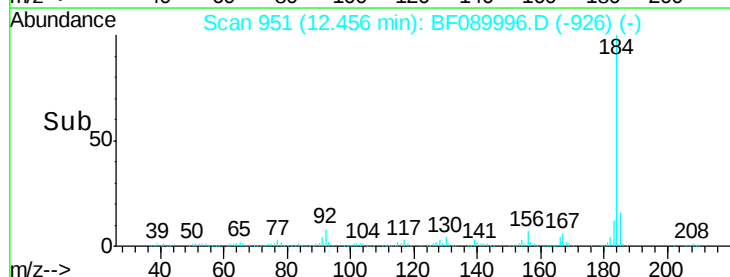
183 11.9 9.6 14.4

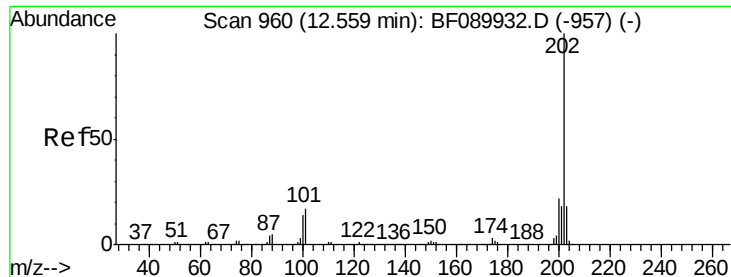


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.54 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

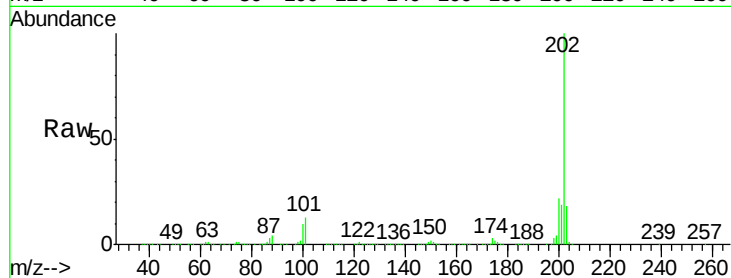
Tot Ion:202 Resp: 1823173

Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

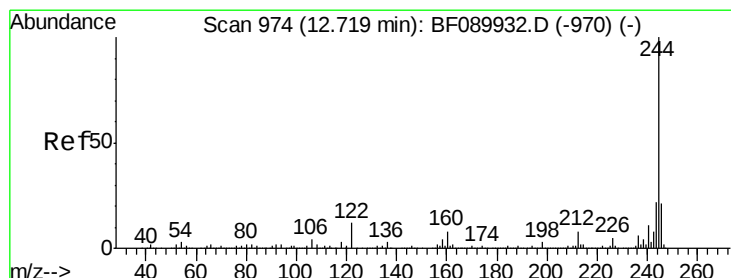
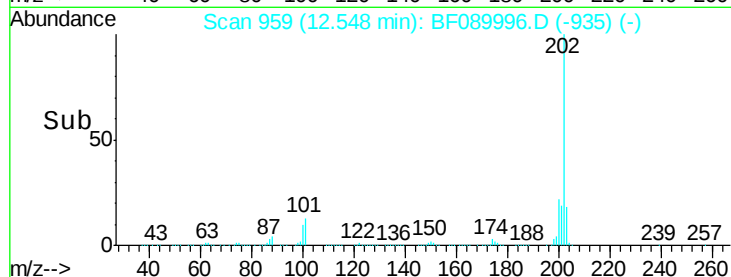
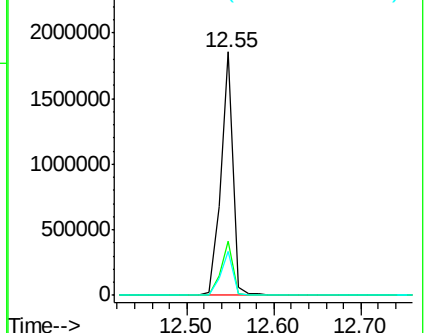
203 18.1 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.50 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

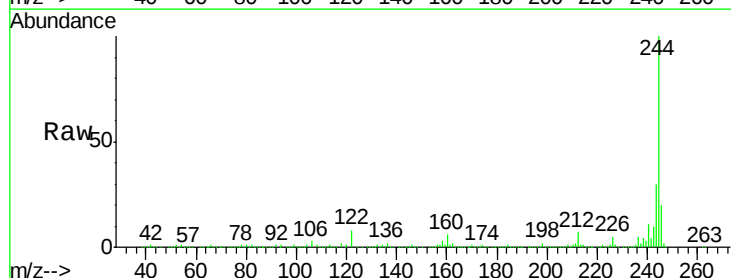
Tgt Ion:244 Resp: 2130915

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

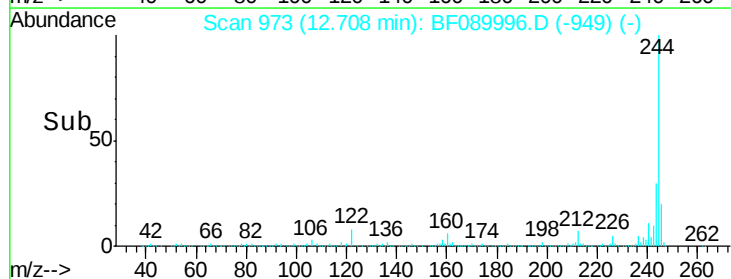
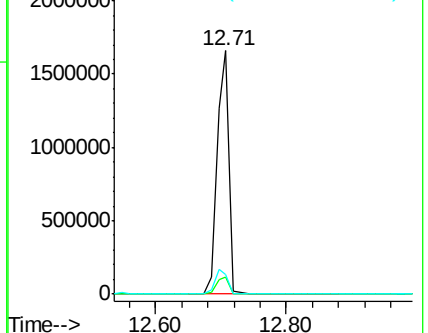
122 8.0 9.6 14.4#

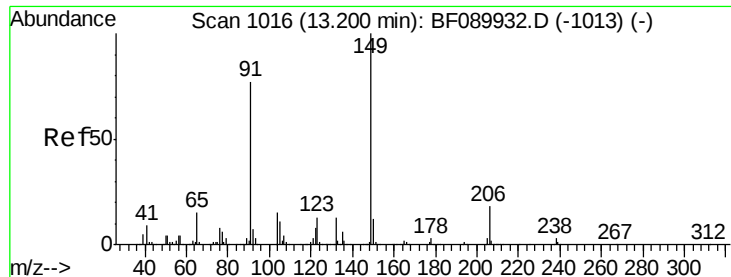


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

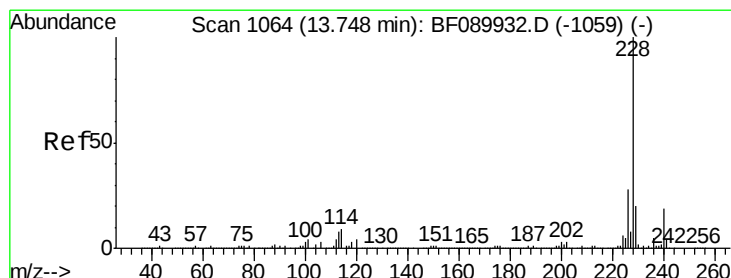
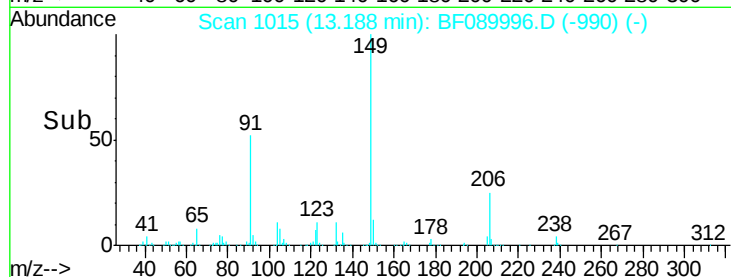
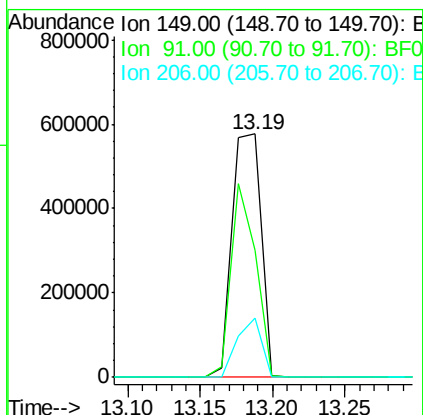
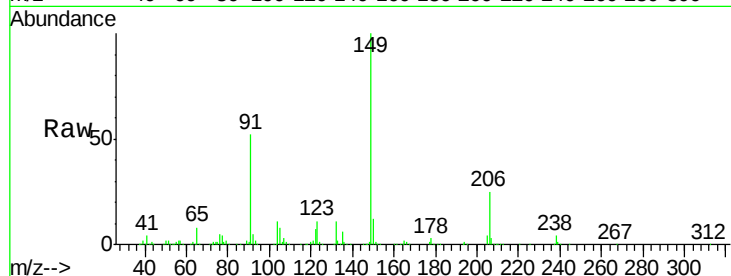




#79
Butylbenzylphthalate
Concen: 43.32 ng
RT: 13.19 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

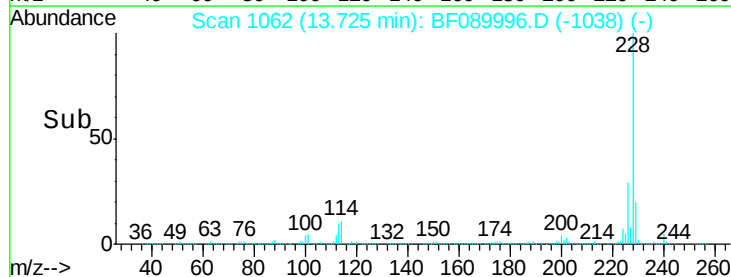
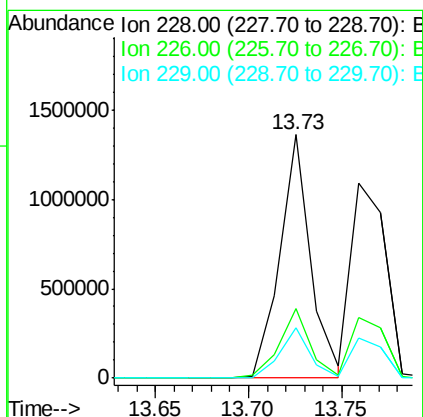
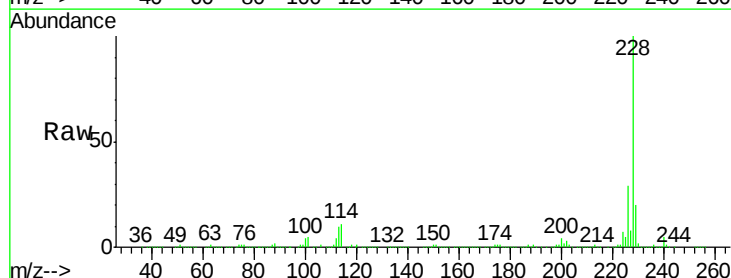
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

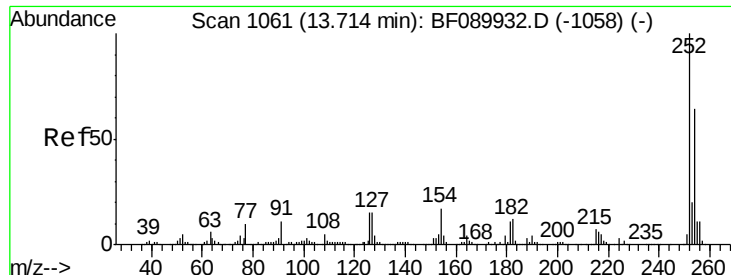
Tot Ion:149 Resp: 805474
Ion Ratio Lower Upper
149 100
91 52.0 60.0 90.0#
206 24.6 15.1 22.7#



#80
Benzo(a)anthracene
Concen: 38.93 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Tgt Ion:228 Resp: 1559354
Ion Ratio Lower Upper
228 100
226 28.5 22.2 33.2
229 20.5 15.8 23.6

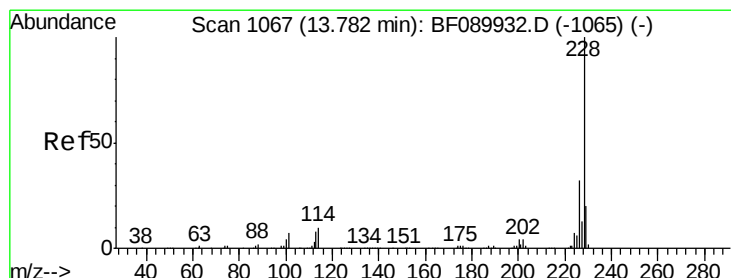
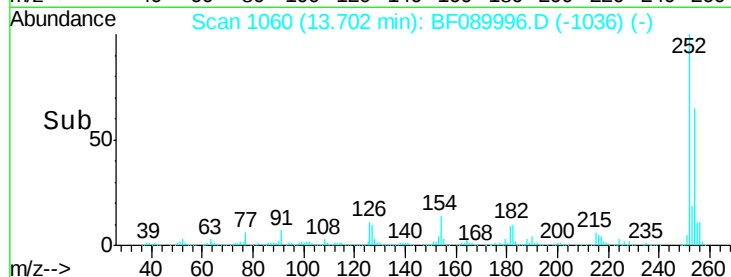
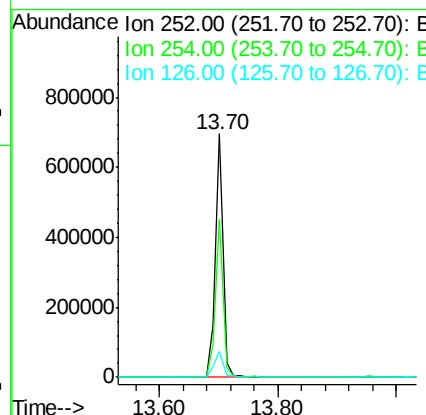
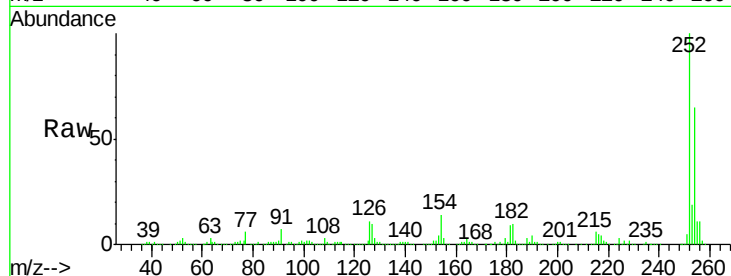




#81
 3,3'-Dichlorobenzidine
 Concen: 43.16 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

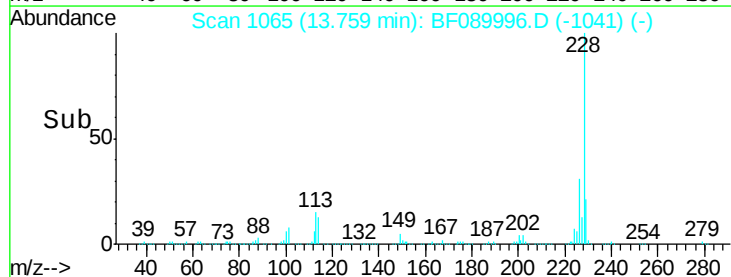
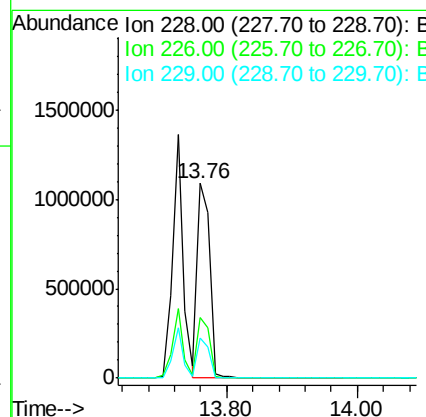
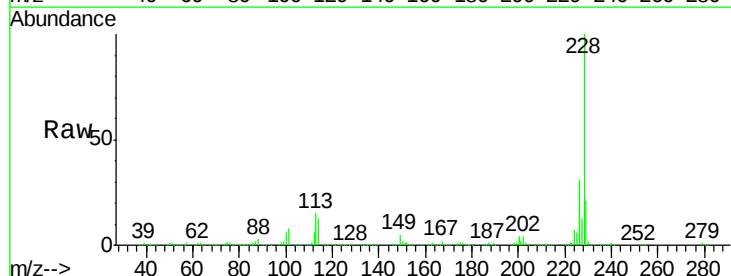
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

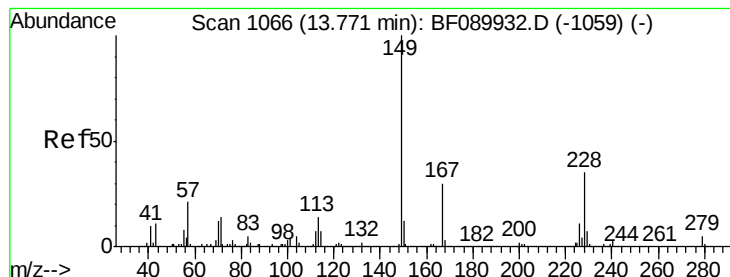
Tot Ion:252 Resp: 623888
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.3 76.9
 126 10.7 12.3 18.5#



#82
 Chrysene
 Concen: 38.08 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Tgt Ion:228 Resp: 1424811
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.2 37.8
 229 20.6 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.75 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

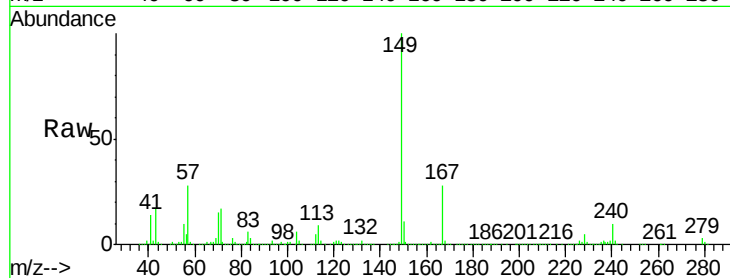
Tot Ion:149 Resp: 1047973

Ion Ratio Lower Upper

149 100

167 28.2 23.6 35.4

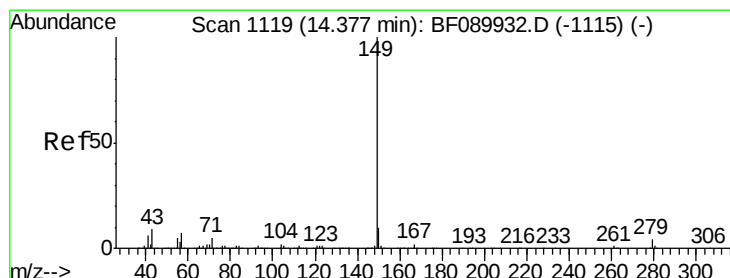
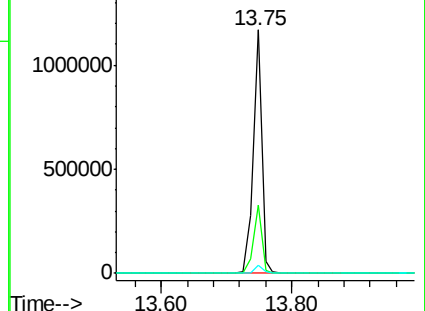
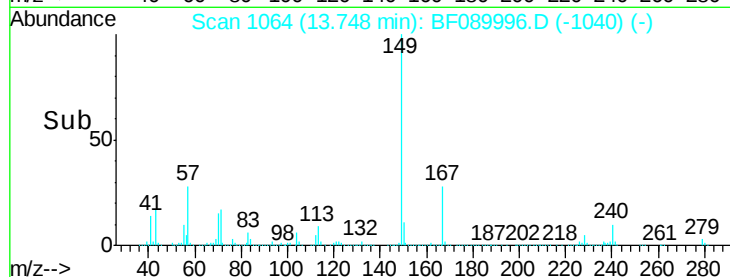
279 3.4 3.4 5.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.37 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

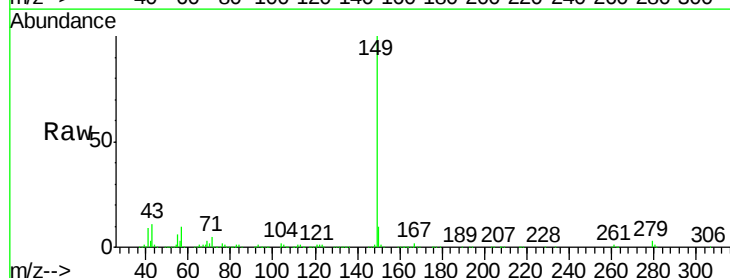
Tgt Ion:149 Resp: 1800467

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

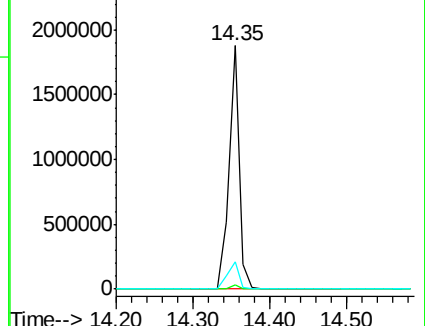
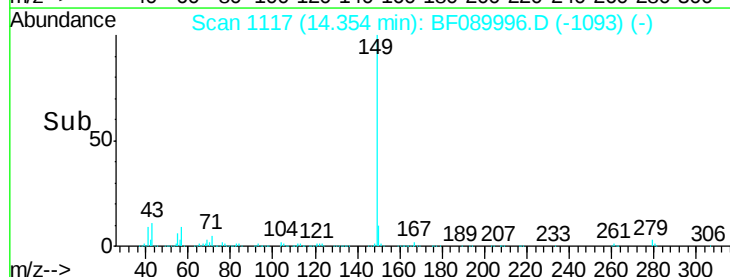
43 12.4 9.3 13.9

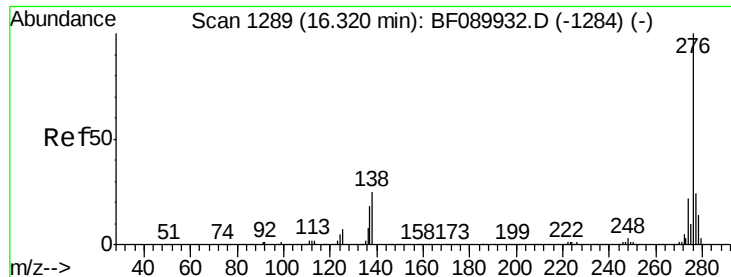


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

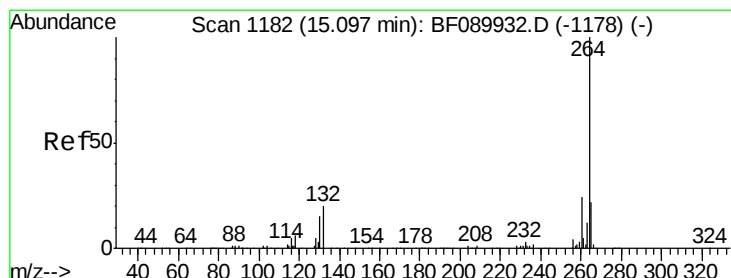
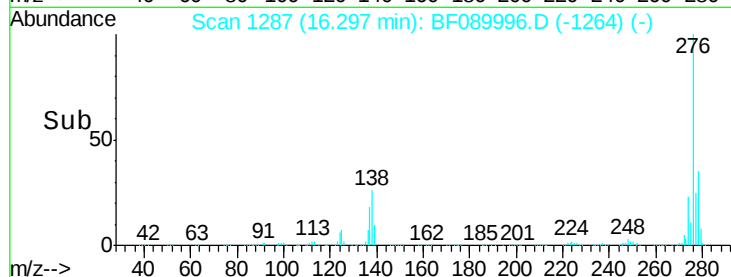
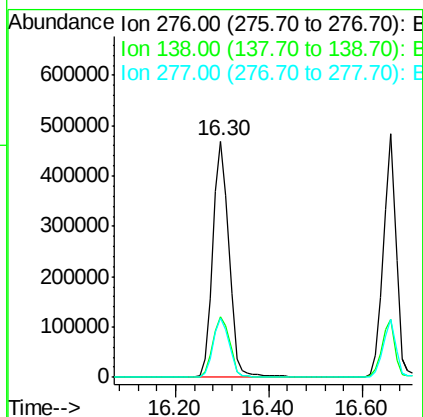
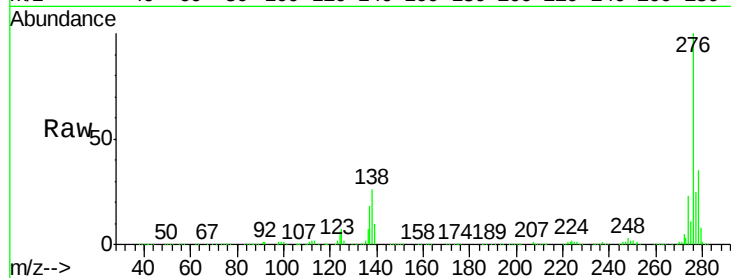




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.19 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.03 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

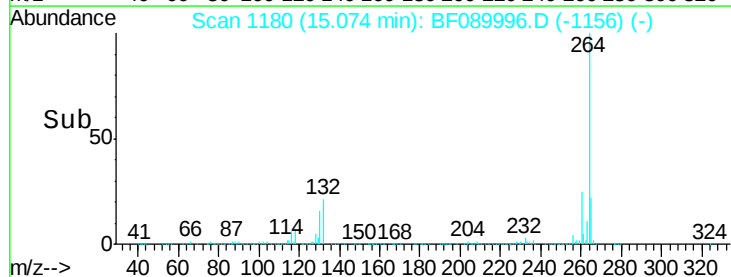
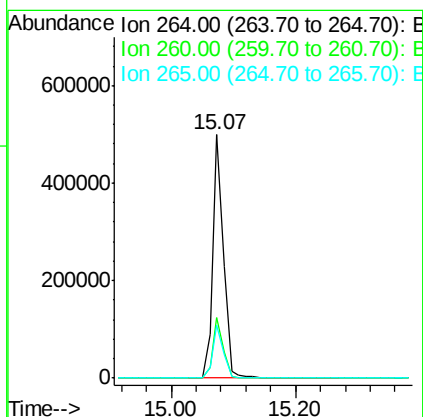
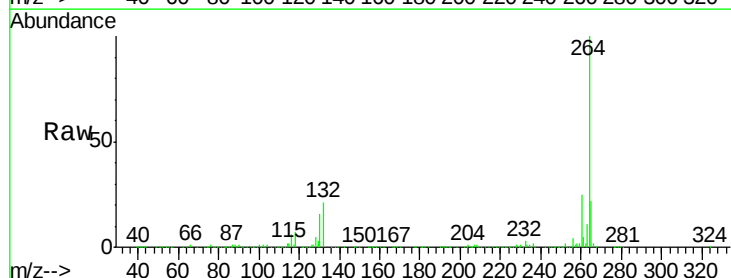
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

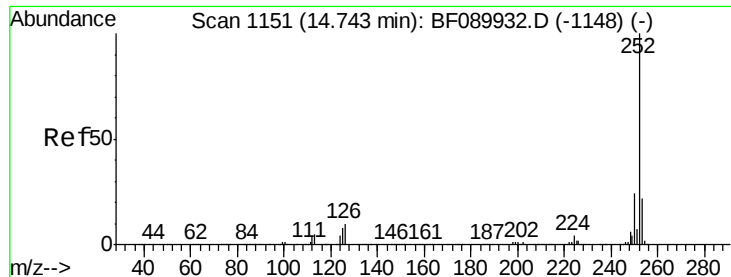
Tot Ion:276 Resp: 1139184
 Ion Ratio Lower Upper
 276 100
 138 27.6 22.6 34.0
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Tgt Ion:264 Resp: 585536
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.0
 265 21.6 17.4 26.2

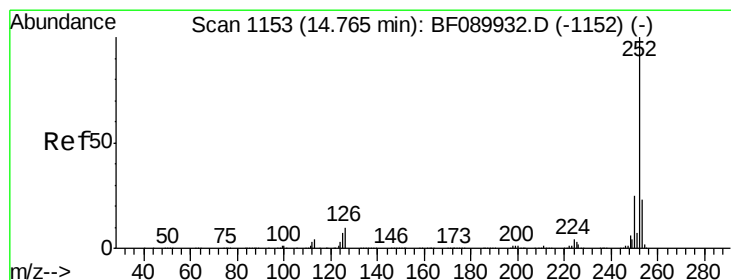
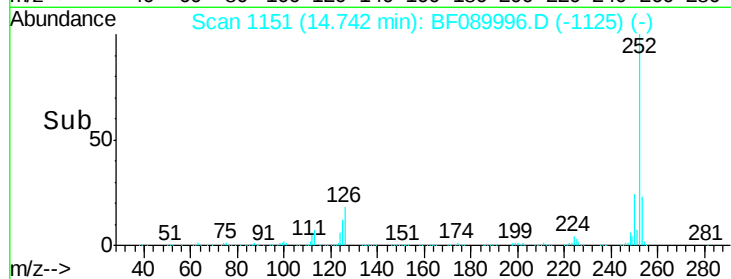
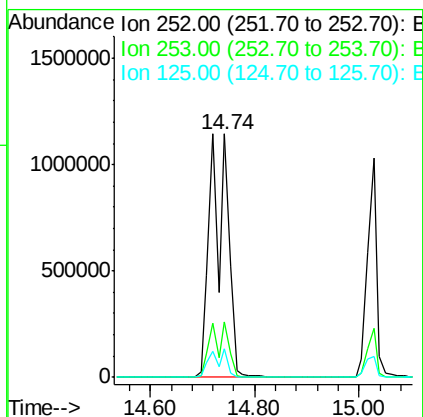
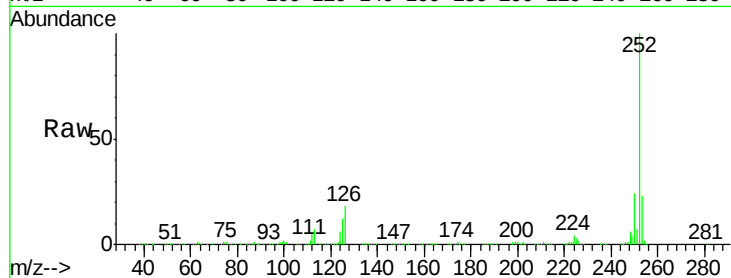




#87
Benzo(b)fluoranthene
Concen: 71.28 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

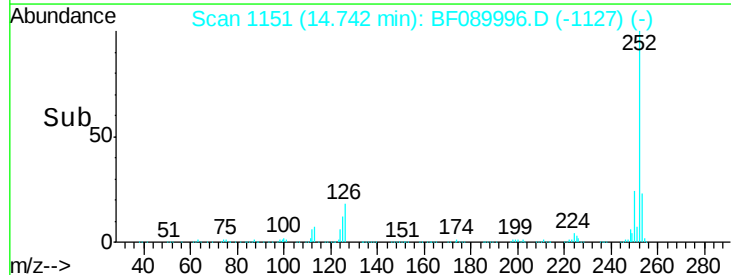
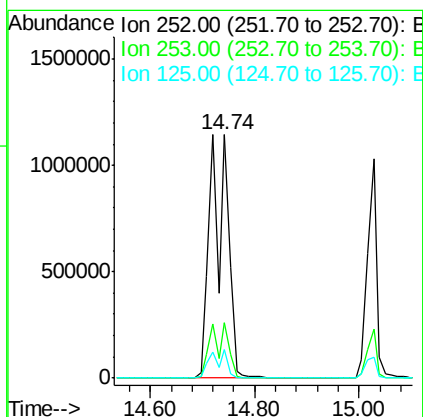
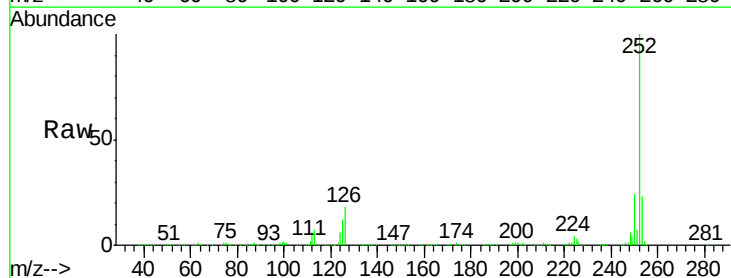
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

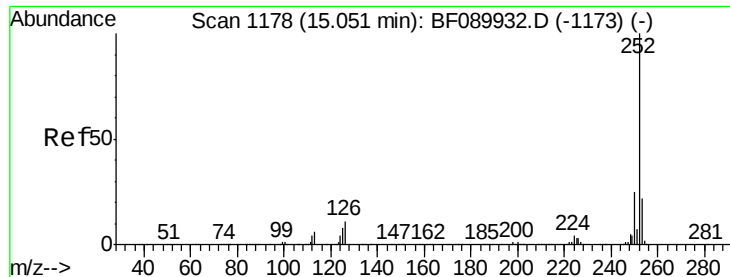
Tot Ion:252 Resp: 2614527
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.9 5.7 8.5#



#88
Benzo(k)fluoranthene
Concen: 84.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Tgt Ion:252 Resp: 2614527
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.9 7.3 10.9#





#89

Benzo(a)pyrene

Concen: 40.71 ng

RT: 15.03 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

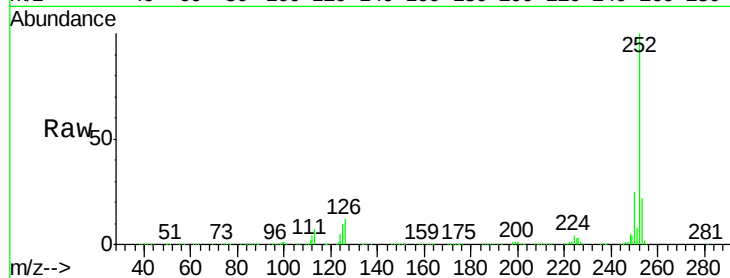
Tot Ion:252 Resp: 1279398

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

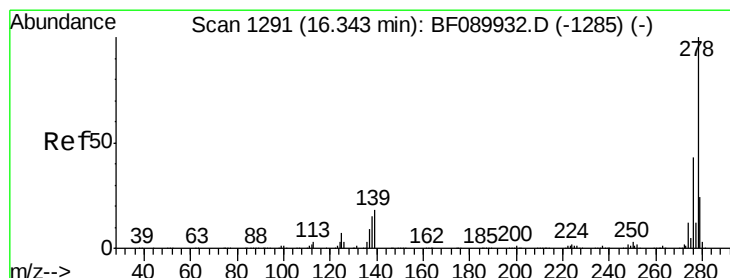
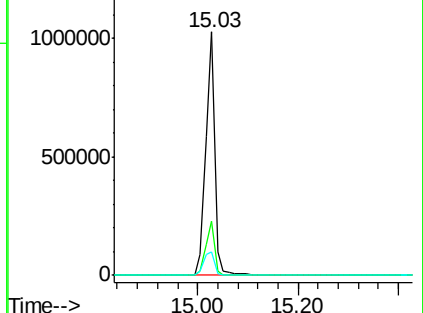
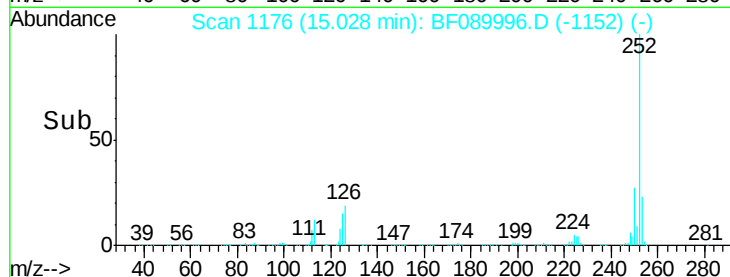
125 9.6 6.3 9.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.90 ng

RT: 16.31 min Scan# 1288

Delta R.T. -0.05 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

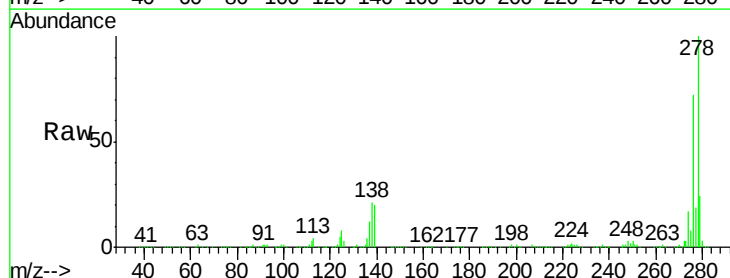
Tgt Ion:278 Resp: 941771

Ion Ratio Lower Upper

278 100

139 19.5 13.4 20.2

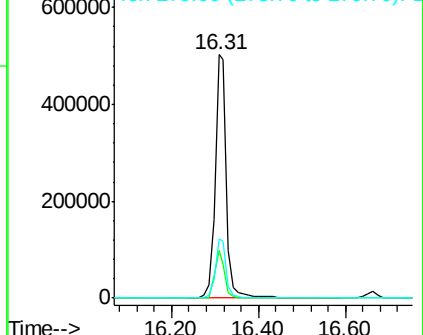
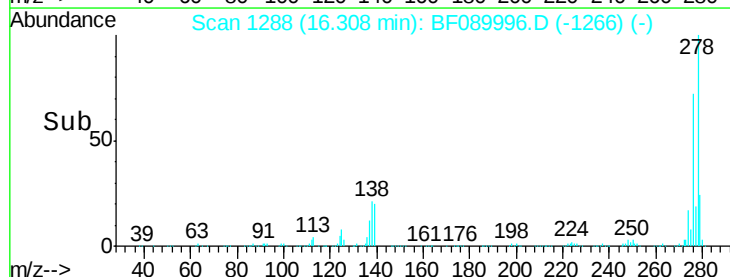
279 24.4 19.4 29.2

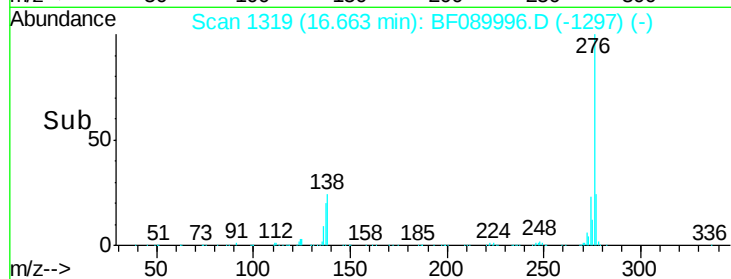
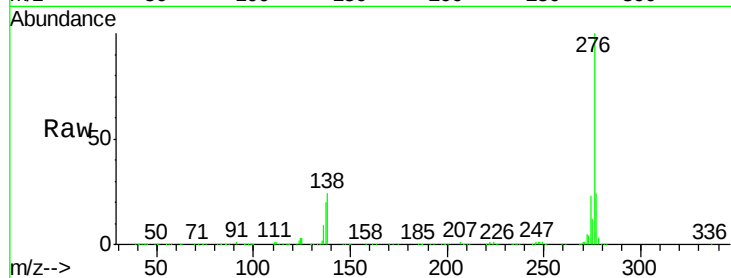
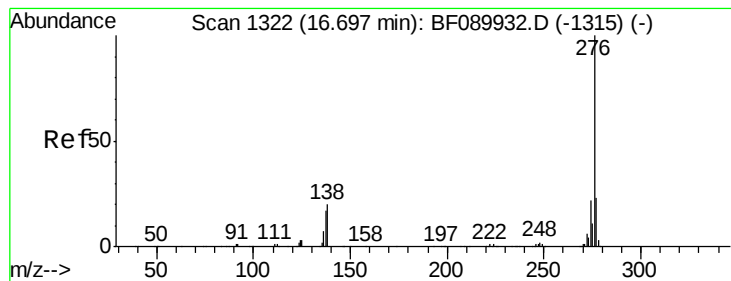


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.97 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.05 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 926443

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 24.0 16.4 24.6

