

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 :

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

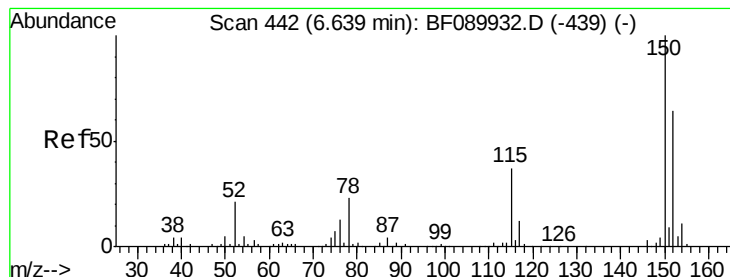
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090716\
 Data File : BF089996.D
 Acq On : 7 Sep 2016 9:12
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

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)
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 :

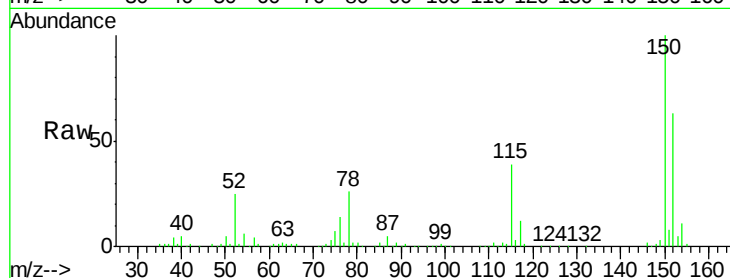
Tot Ion:152 Resp: 224442

Ion Ratio Lower Upper

152 100

150 158.7 127.4 191.2

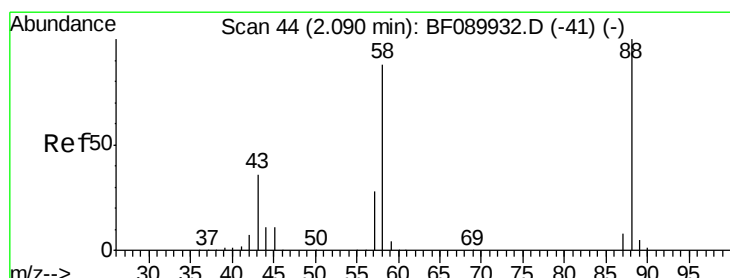
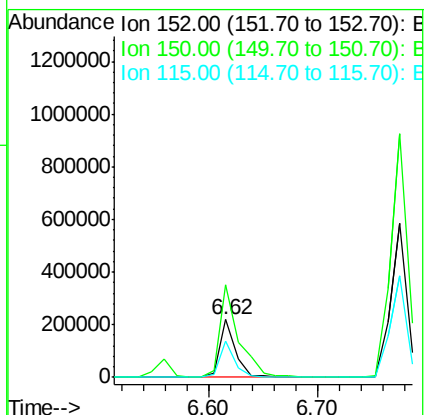
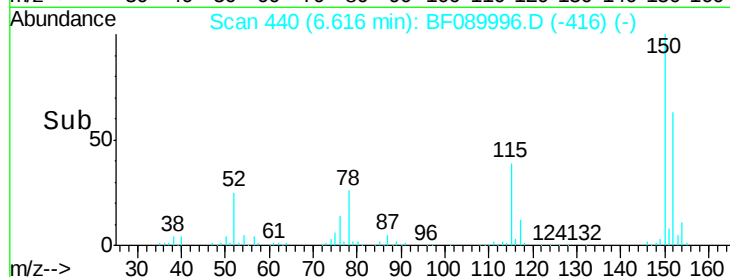
115 62.3 46.3 69.5



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

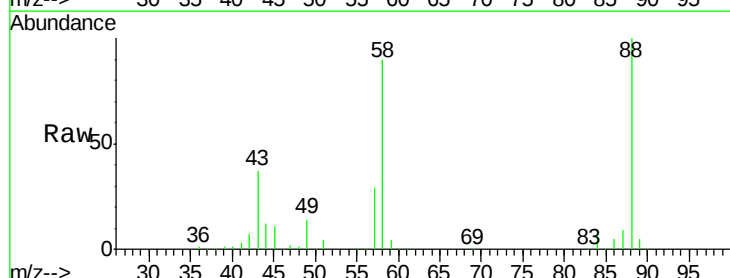
Tgt Ion: 88 Resp: 243355

Ion Ratio Lower Upper

88 100

58 83.5 68.8 103.2

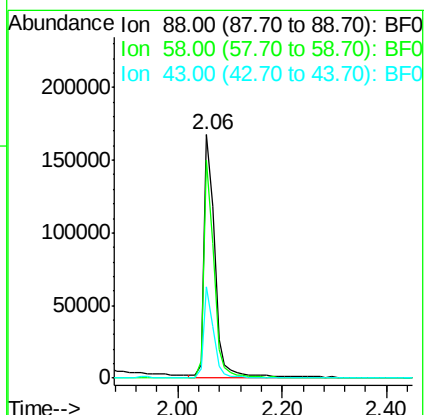
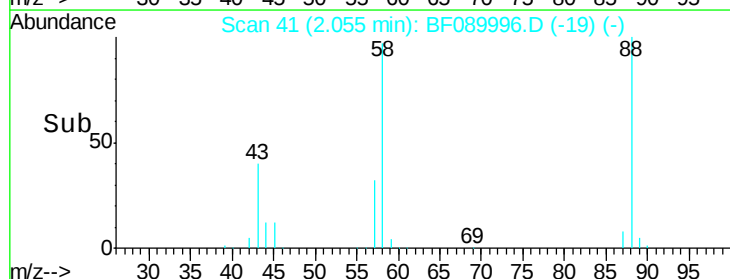
43 34.1 27.0 40.6

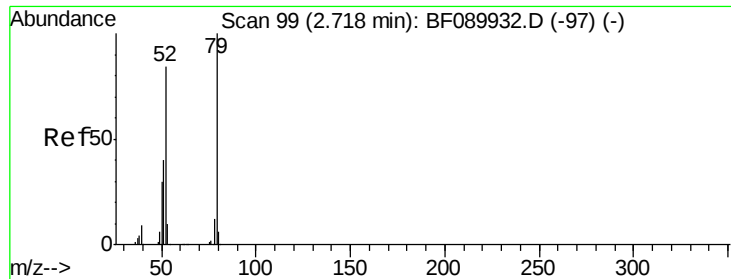


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

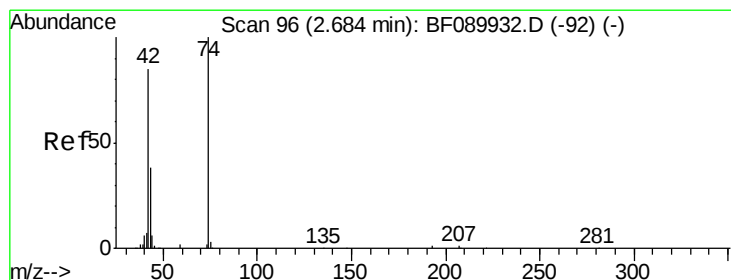
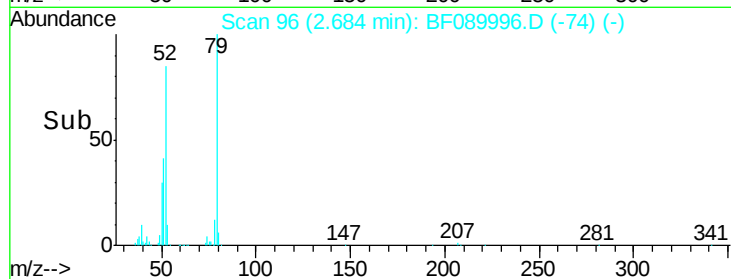
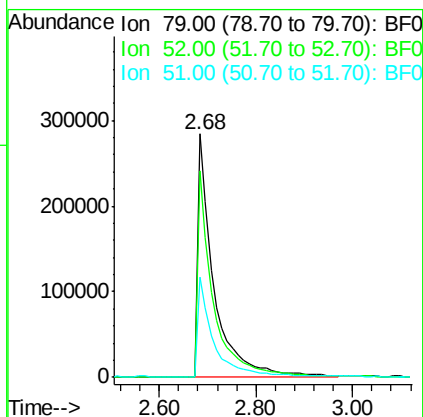
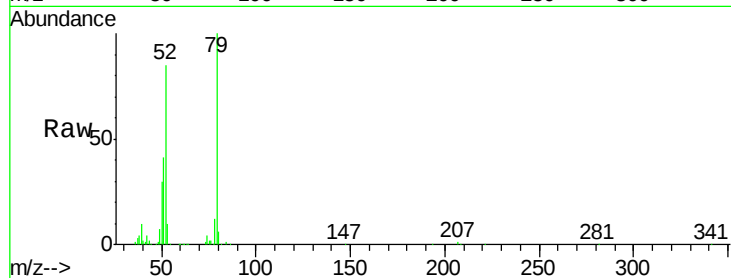




#3
 Pvridine
 Concen: 37.94 ng
 RT: 2.68 min Scan# 96
 Delta R.T. -0.05 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

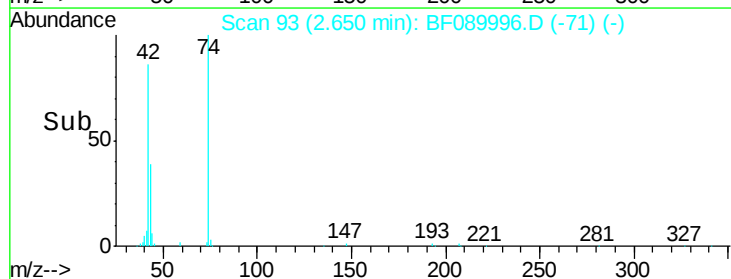
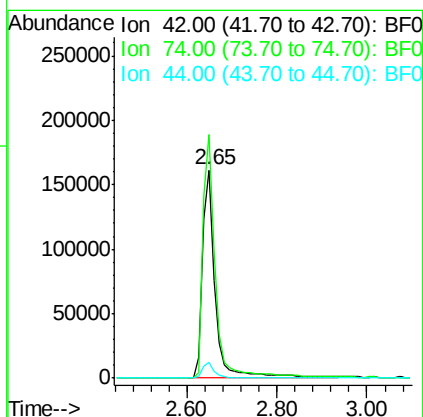
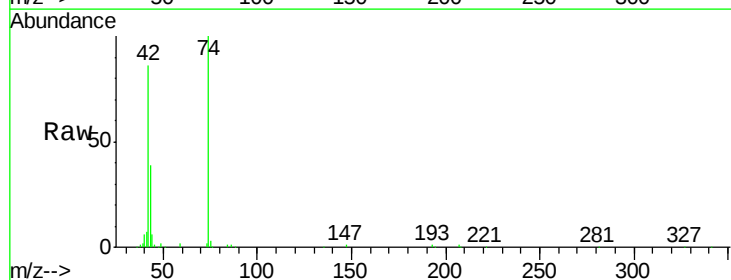
Instrument :
 BNA_F
 ClientSampleId :

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

ClientSampled :

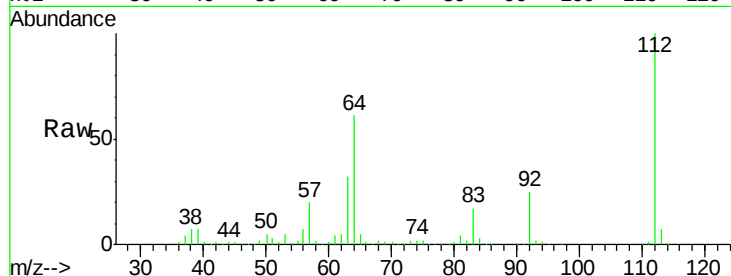
Tot Ion: 112 Resp: 1087276

Ion Ratio Lower Upper

112 100

64 61.3 41.1 61.7

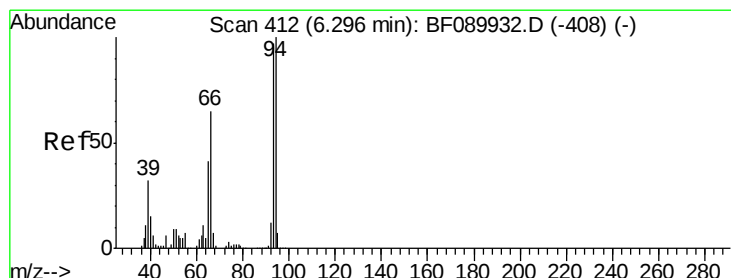
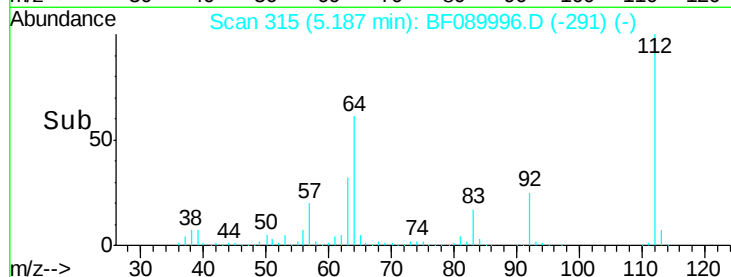
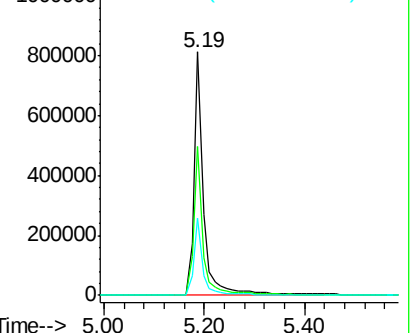
63 31.6 21.2 31.8



Abundance Ion 112.00 (111.70 to 112.70): E

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

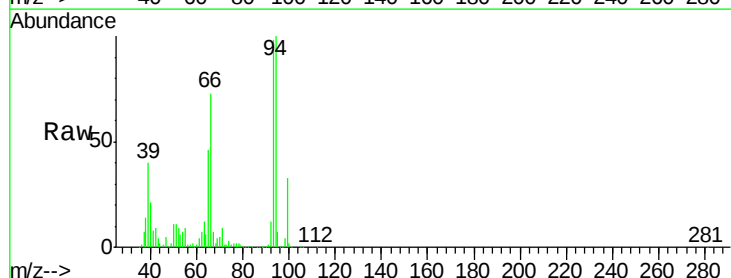
Tgt Ion: 93 Resp: 862226

Ion Ratio Lower Upper

93 100

66 73.7 52.9 79.3

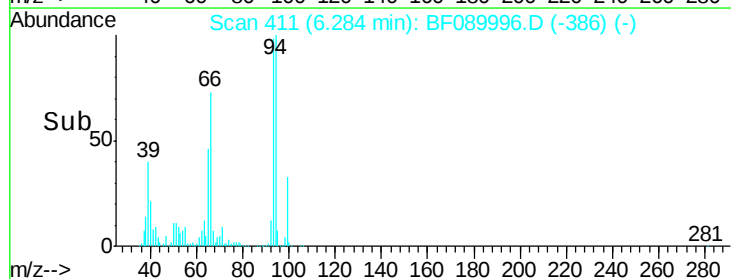
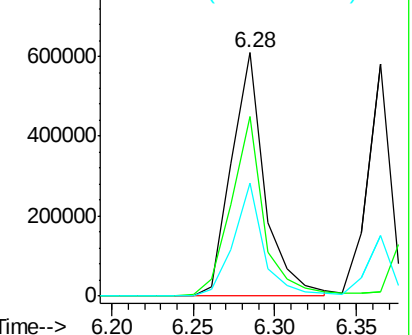
65 46.3 33.0 49.6

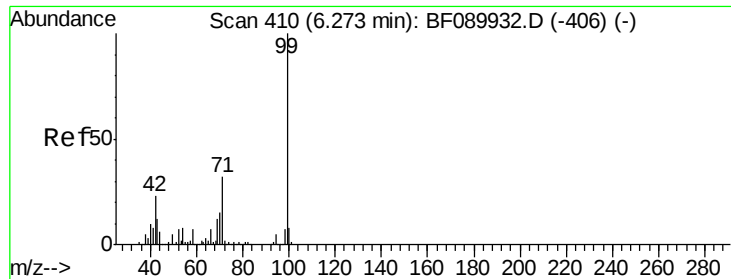


Abundance Ion 93.00 (92.70 to 93.70): BF0

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 :

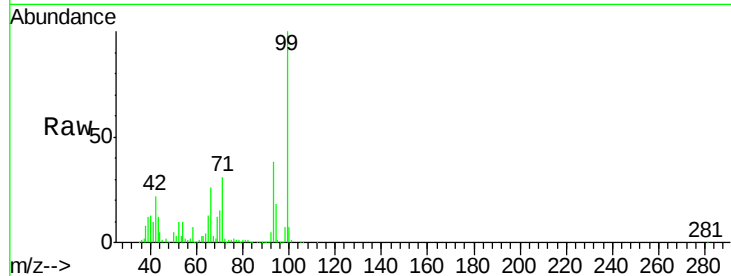
Tot Ion: 99 Resp: 1294338

Ion Ratio Lower Upper

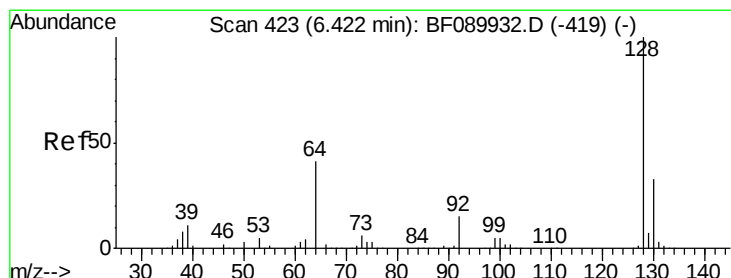
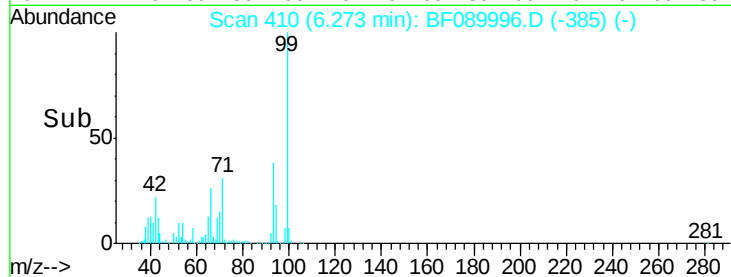
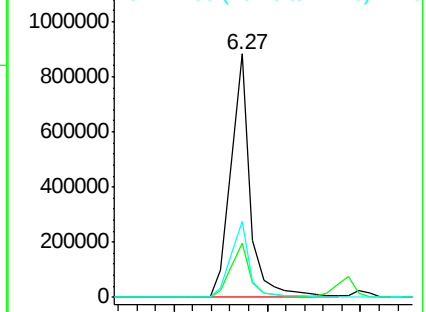
99 100

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

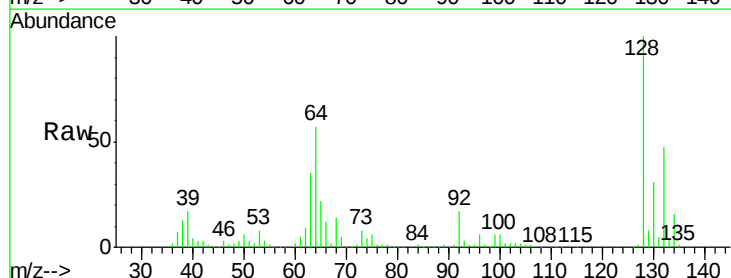
Tgt Ion: 128 Resp: 587732

Ion Ratio Lower Upper

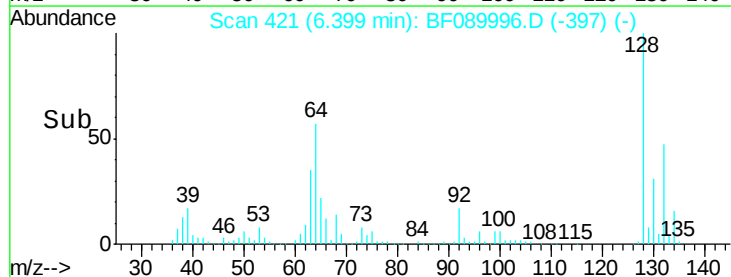
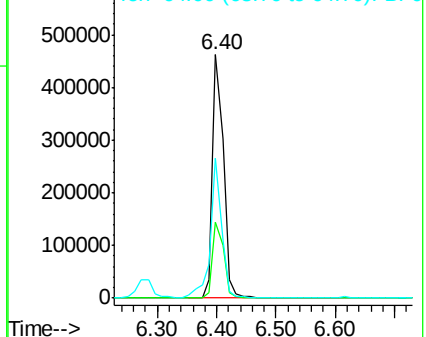
128 100

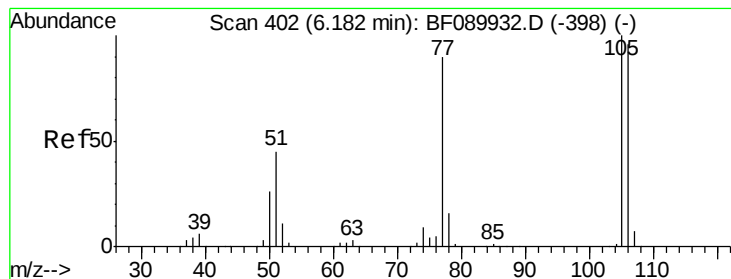
130 31.3 12.8 52.8

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 :

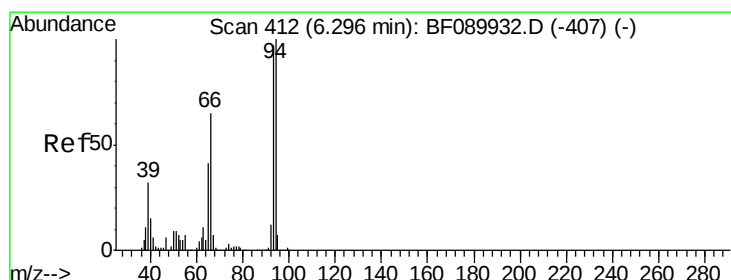
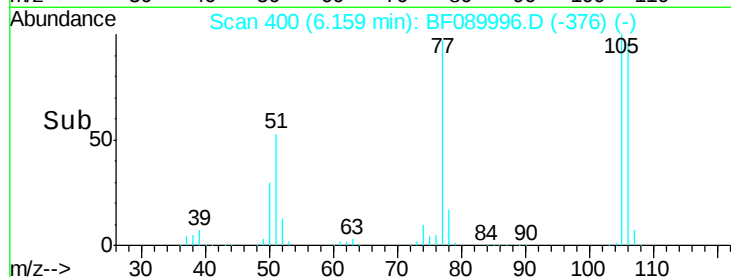
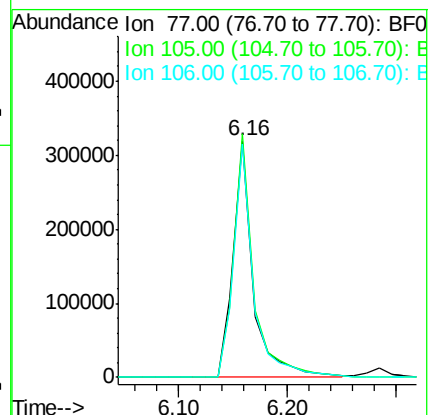
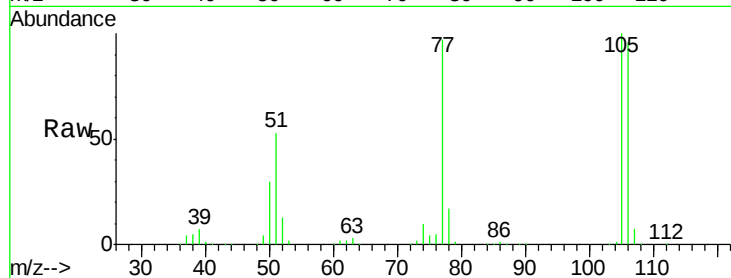
Tot Ion: 77 Resp: 407572

Ion Ratio Lower Upper

77 100

105 103.0 85.4 125.4

106 98.5 83.4 123.4



#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

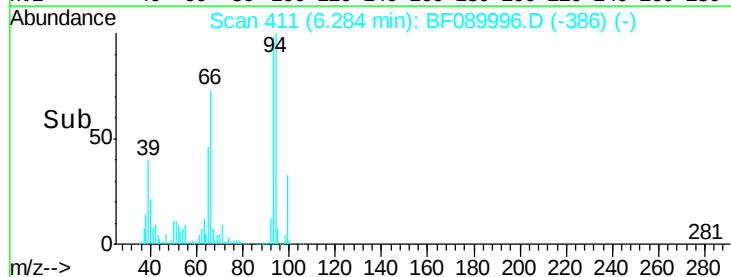
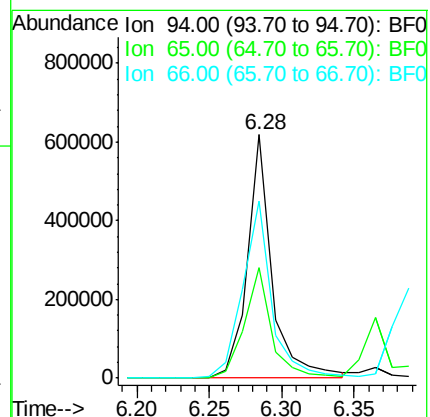
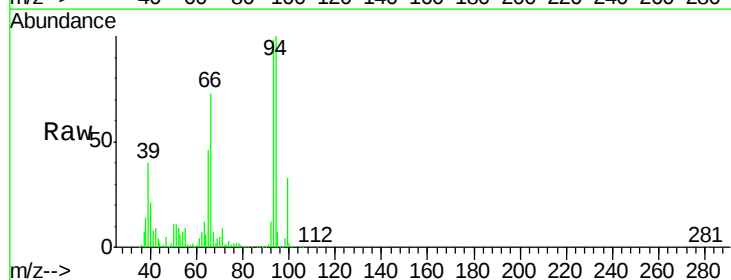
Tgt Ion: 94 Resp: 732944

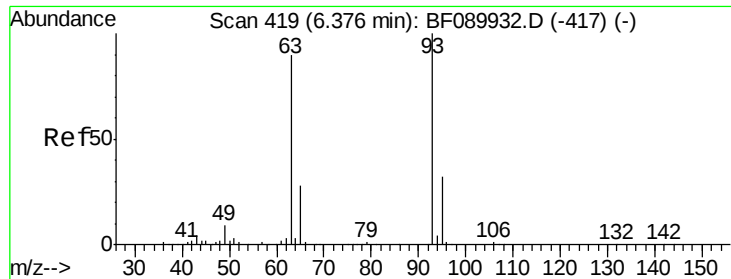
Ion Ratio Lower Upper

94 100

65 45.6 23.2 63.2

66 72.6 49.2 89.2

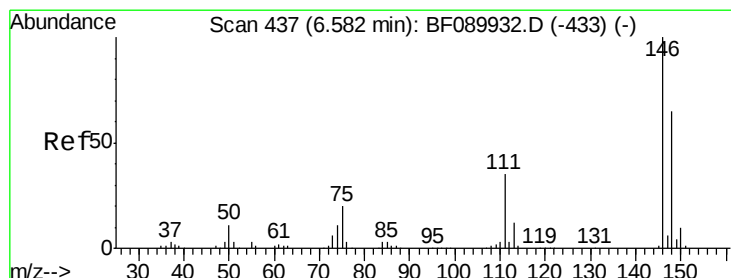
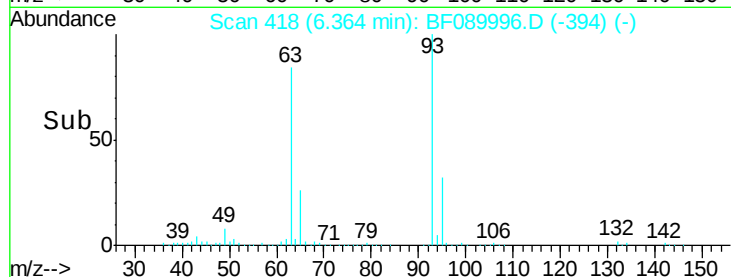
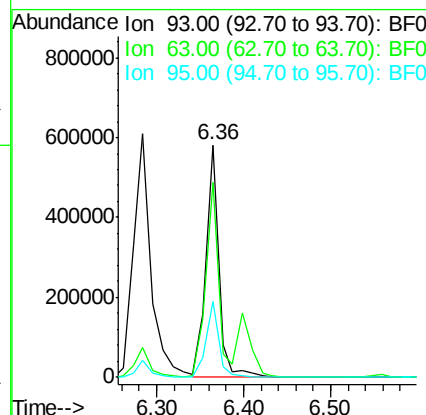
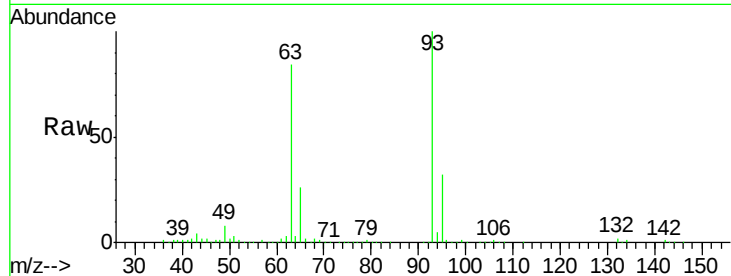




#11
 bis(2-Chloroethyl)ether
 Concen: 39.62 ng
 RT: 6.36 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

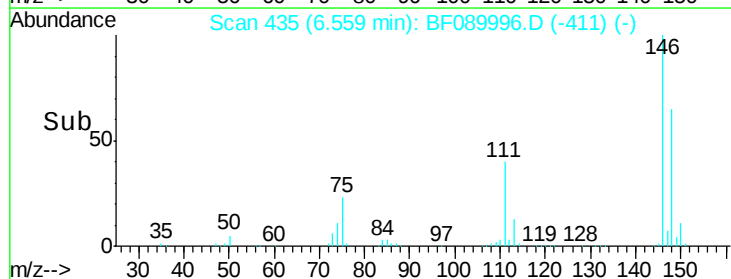
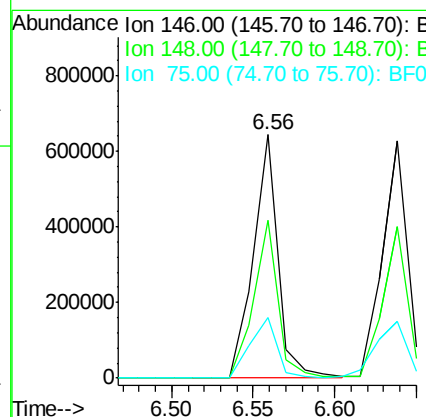
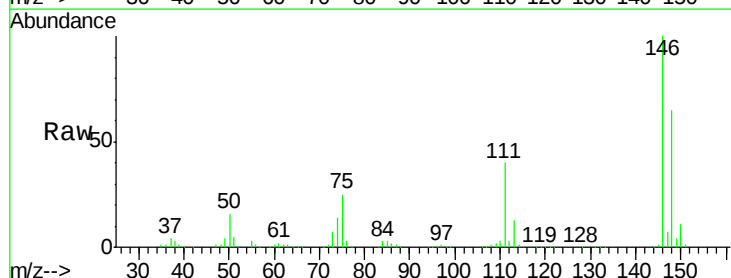
Instrument :
 BNA_F
 ClientSampleId :

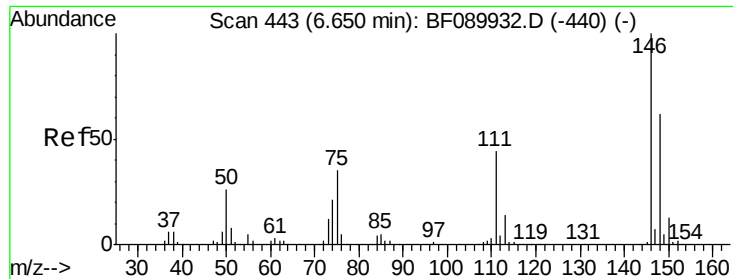
Tot Ion	93	Resp	594096
Ion	Ratio	Lower	Upper
93	100		
63	83.8	71.1	111.1
95	32.4	12.4	52.4



#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

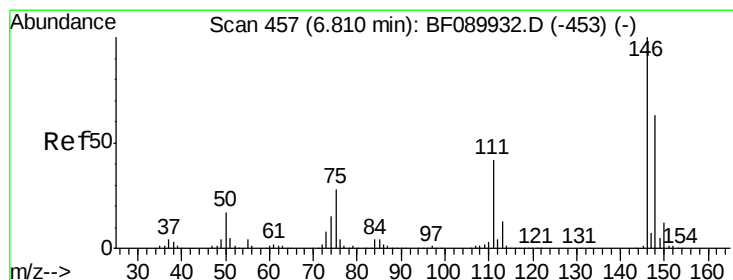
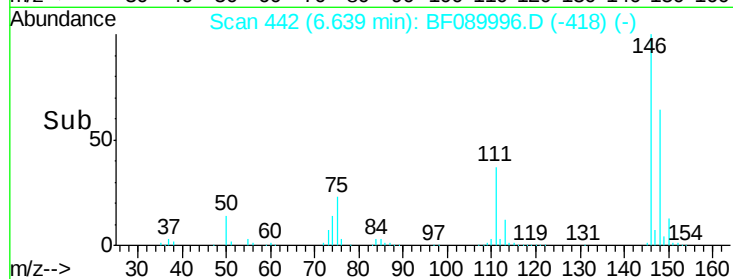
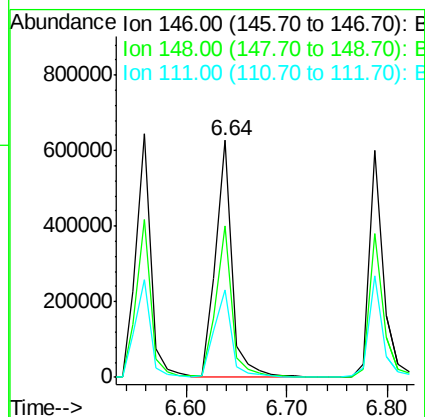
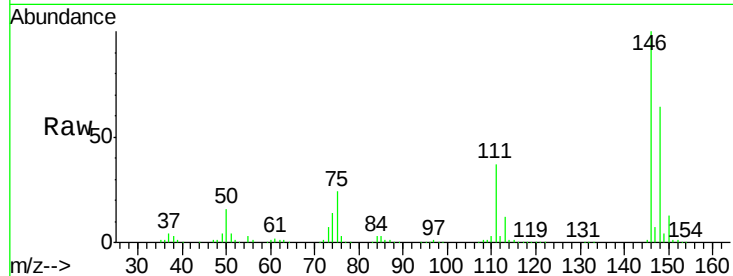




#13
 1,4-Dichlorobenzene
 Concen: 41.11 ng
 RT: 6.64 min Scan# 442
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

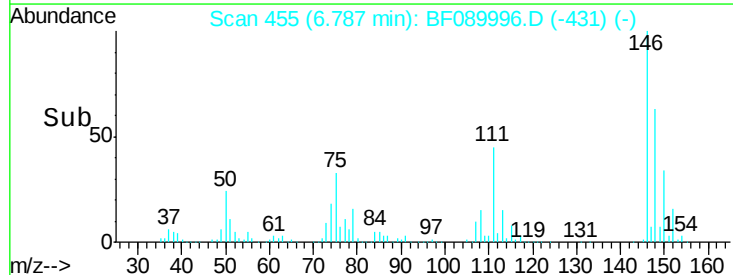
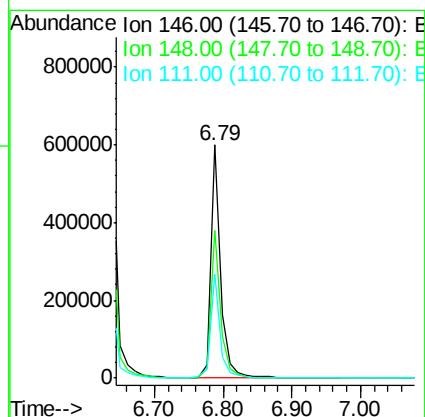
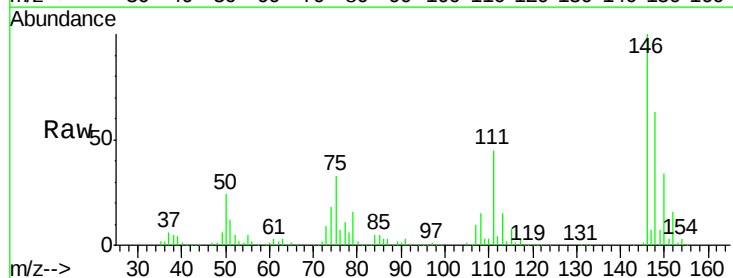
Instrument :
 BNA_F
 ClientSampleId :

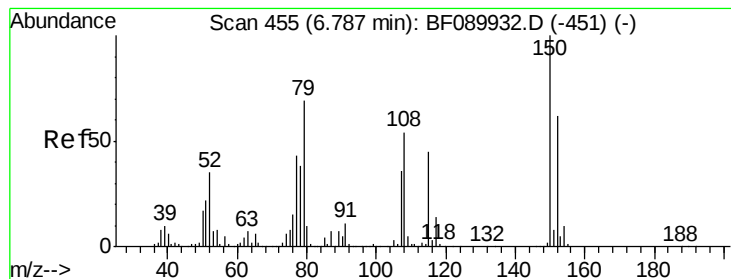
Tot Ion:146 Resp: 714694
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.1 75.1
 111 37.2 35.8 53.6



#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





#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 :

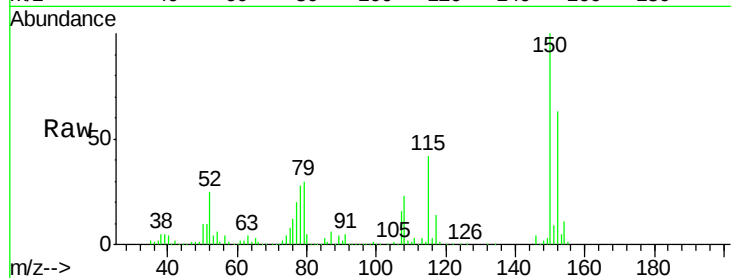
Tot Ion: 79 Resp: 426831

Ion Ratio Lower Upper

79 100

108 77.2 62.1 93.1

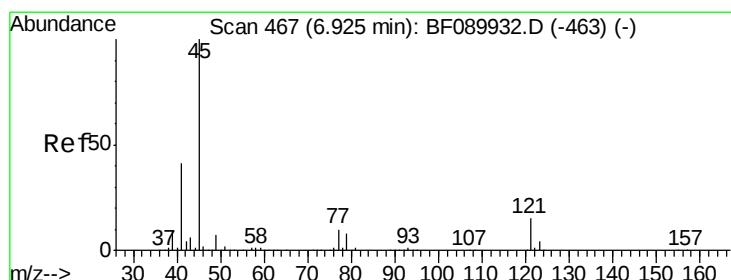
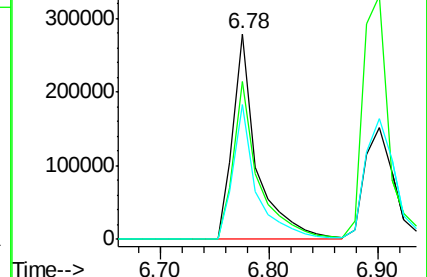
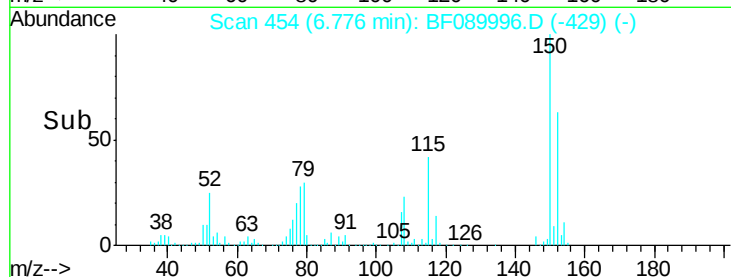
77 65.5 50.1 75.1



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

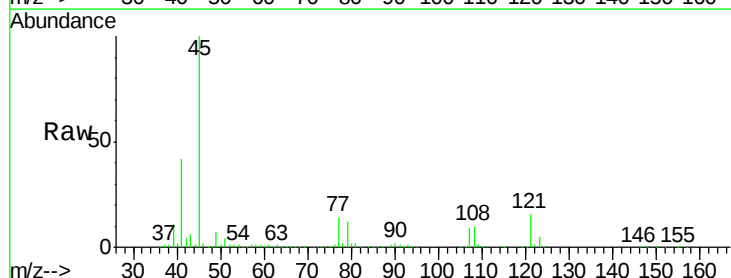
Tgt Ion: 45 Resp: 1081786

Ion Ratio Lower Upper

45 100

77 13.9 0.0 30.3

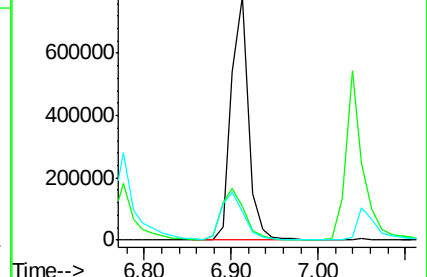
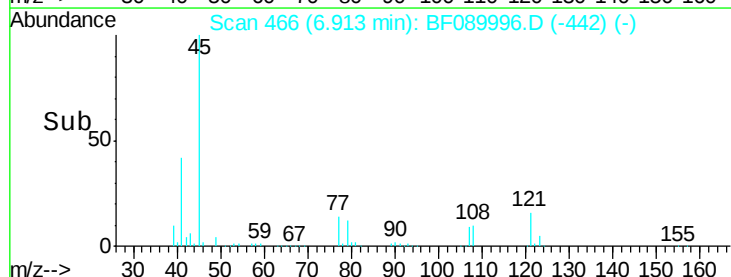
79 11.7 0.0 27.5

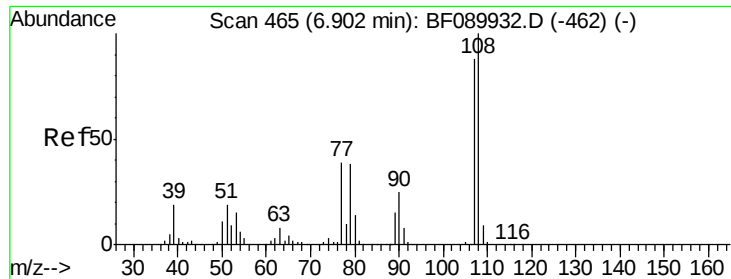


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

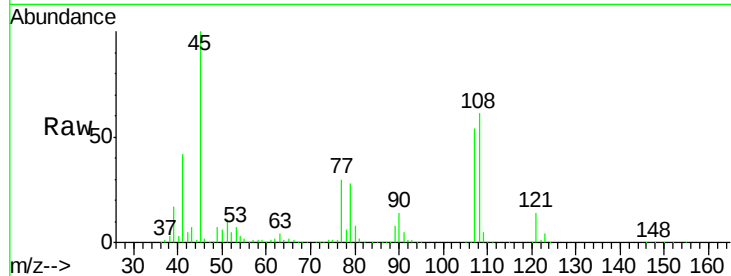




#17
2-Methylphenol
Concen: 39.10 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Instrument :
BNA_F
ClientSampled :

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



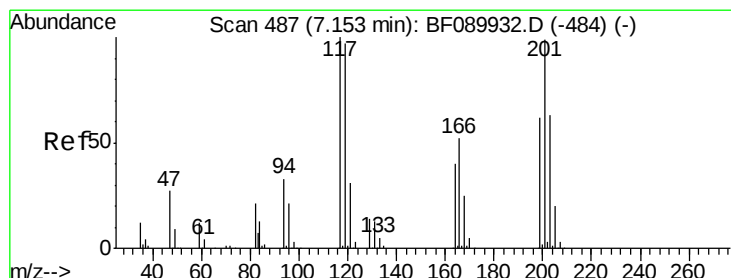
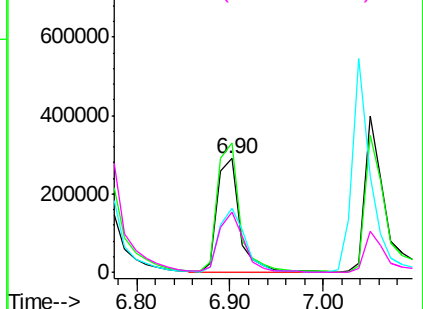
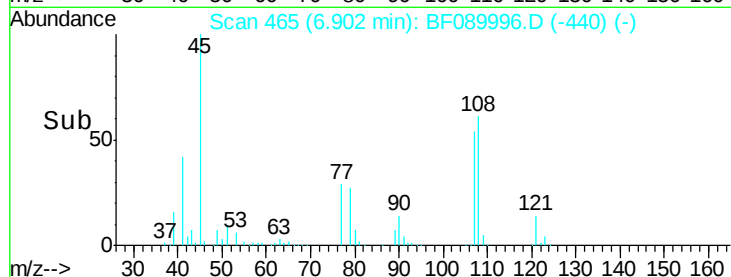
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

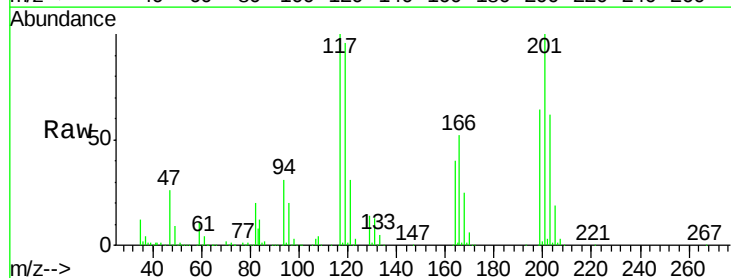
Ion 77.00 (76.70 to 77.70): BF0

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

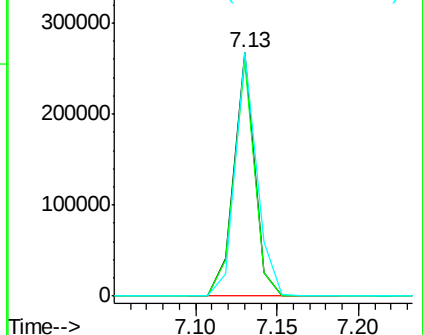
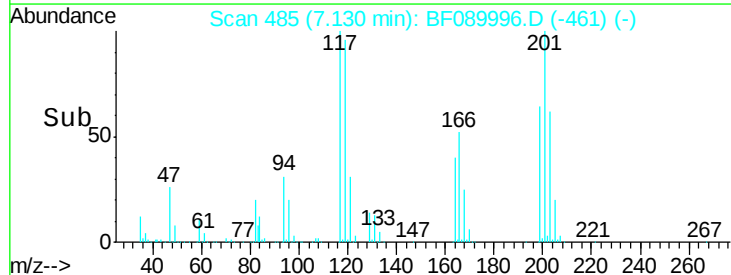


Abundance

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

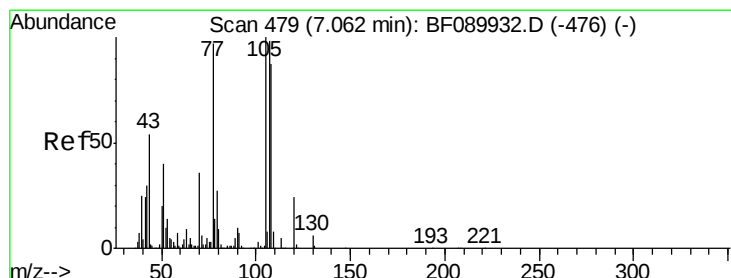
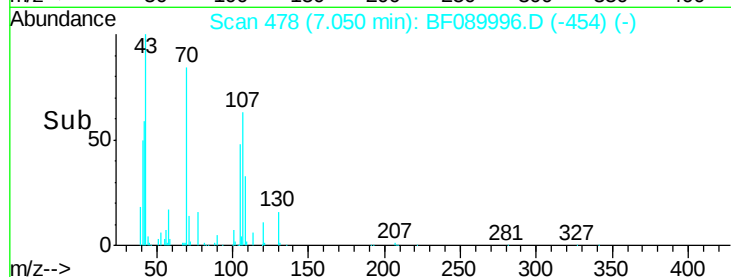
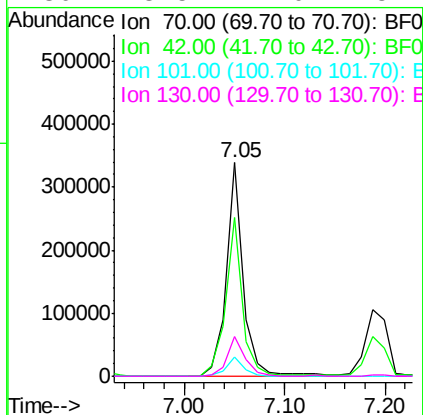
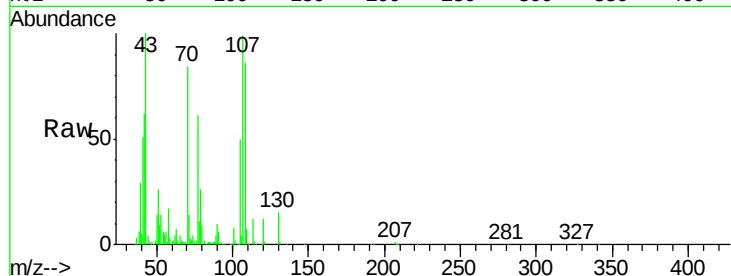




#19
n-Nitroso-di-n-propylamine
Concen: 35.83 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

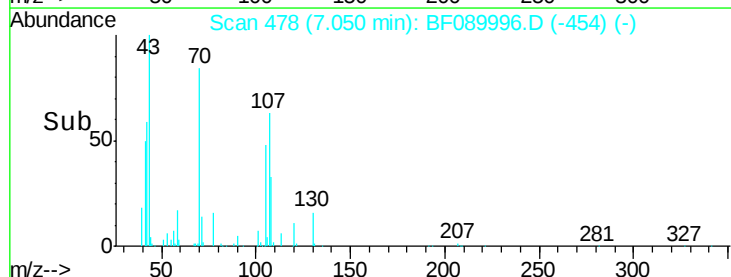
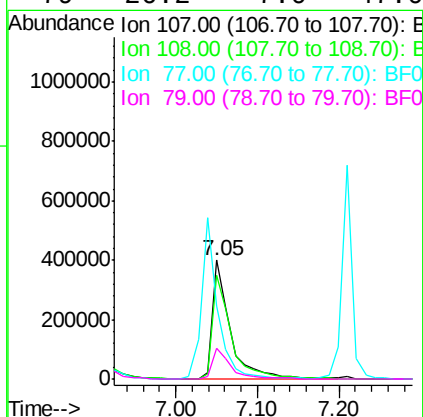
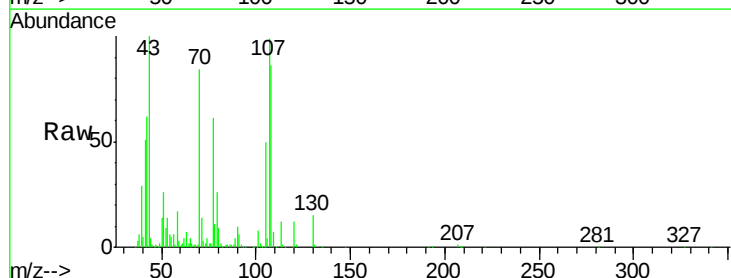
Instrument :
BNA_F
ClientSampled :

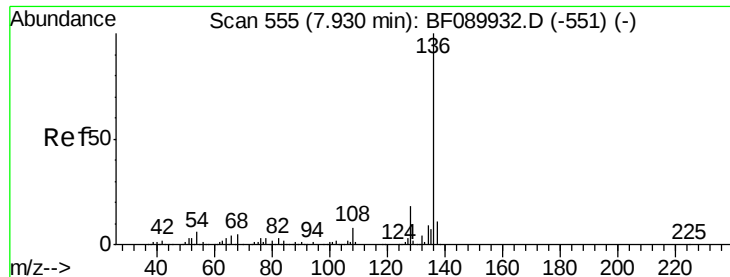
Tot Ion	Ratio	Lower	Upper
70	100		
42	74.2	52.1	78.1
101	9.0	7.4	11.2
130	18.5	17.0	25.4



#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	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

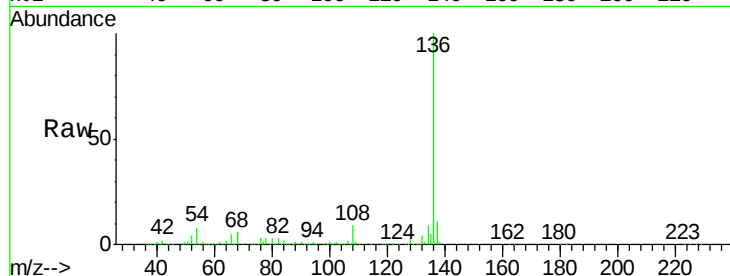




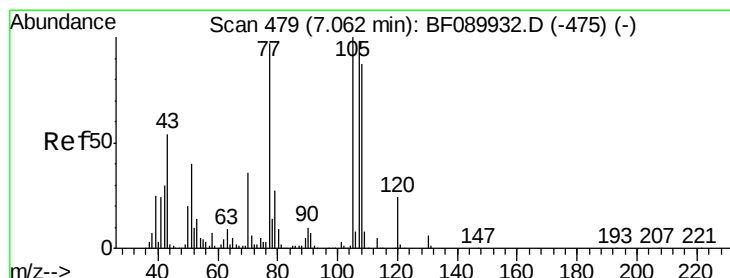
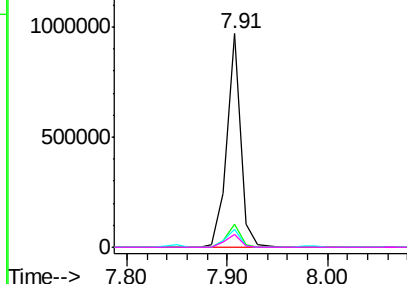
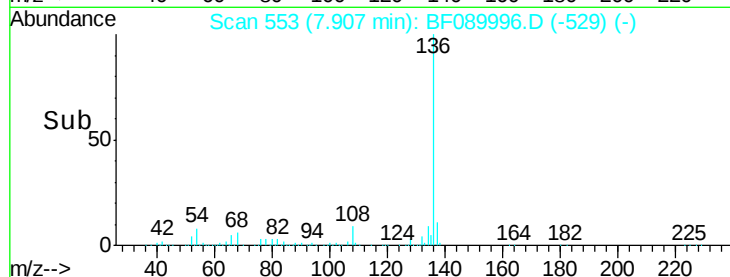
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Instrument :
BNA_F
ClientSampled :

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#

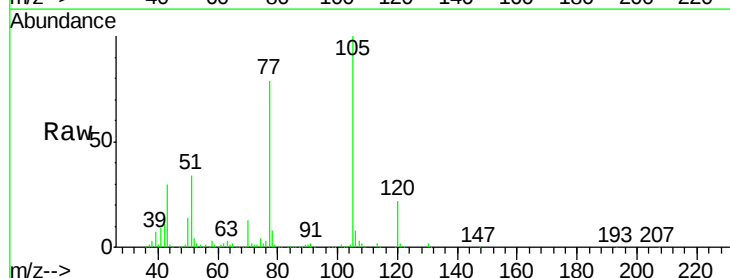


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

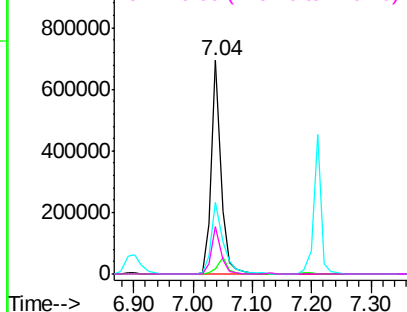
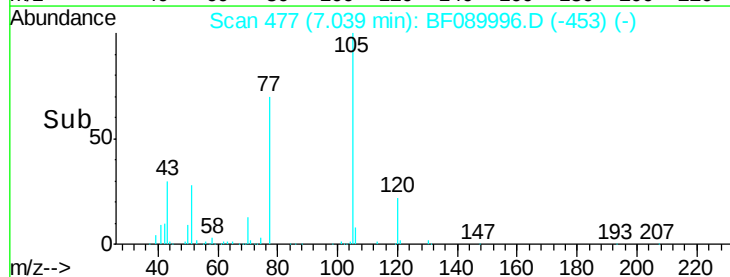


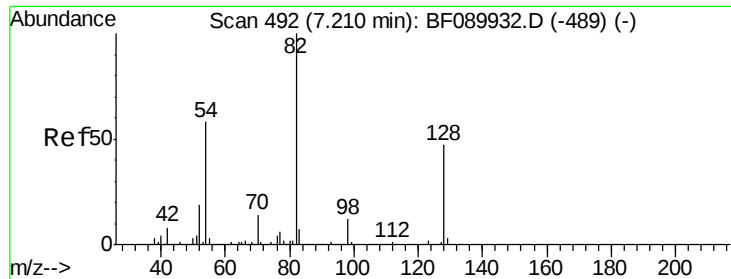
#22
Acetophenone
Concen: 37.61 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

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



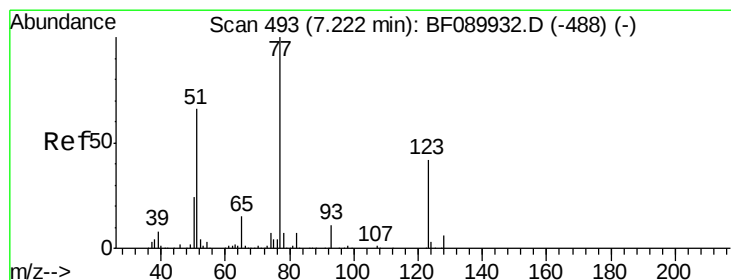
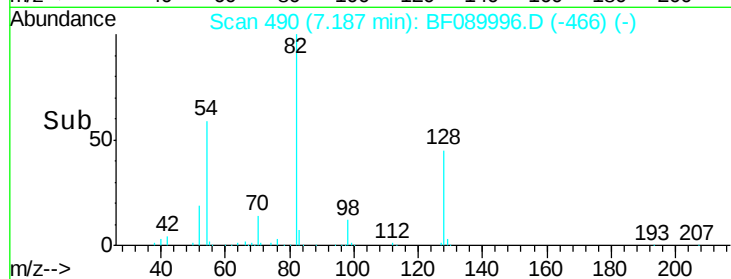
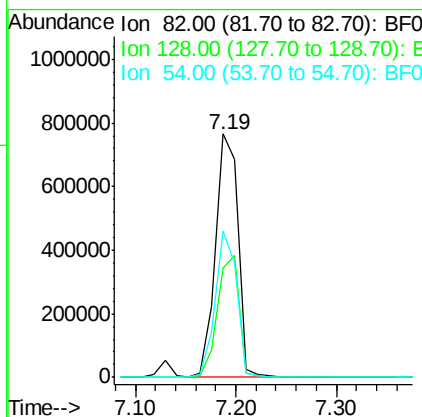
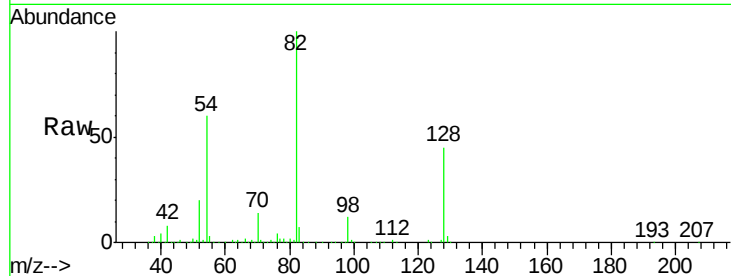


#23
 Nitrobenzene-d5
 Concen: 74.45 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1187814

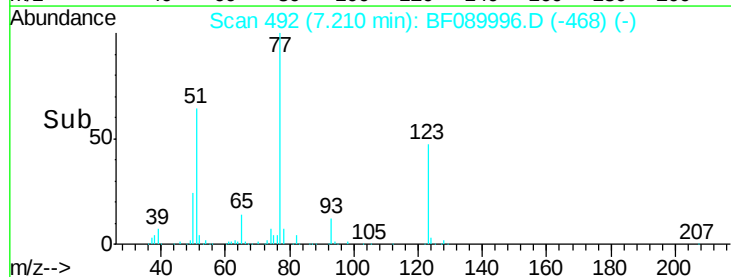
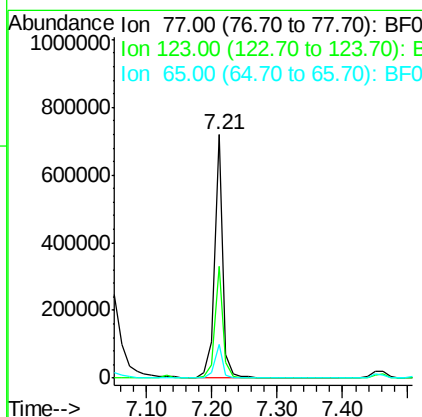
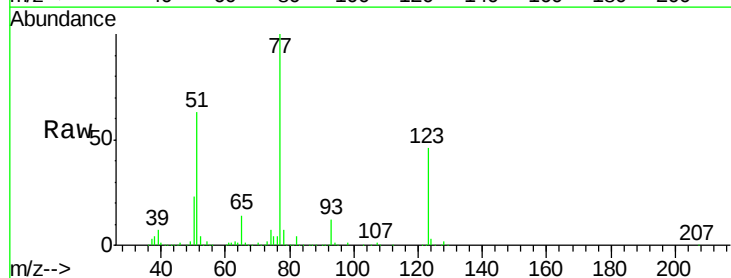
Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.8	56.8
54	59.9	46.9	70.3

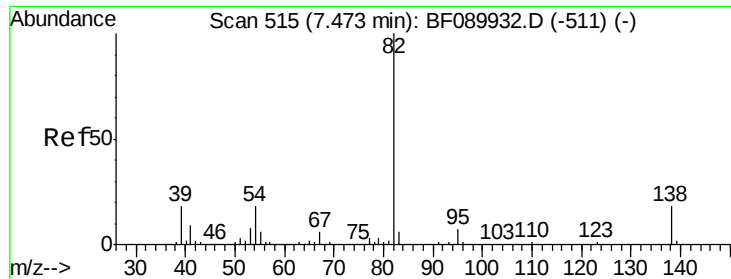


#24
 Nitrobenzene
 Concen: 38.11 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

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 :

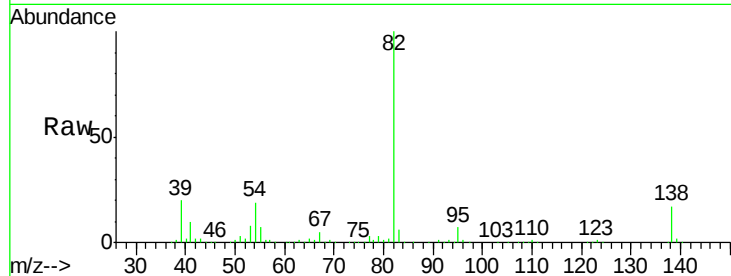
Tot Ion: 82 Resp: 1207751

Ion Ratio Lower Upper

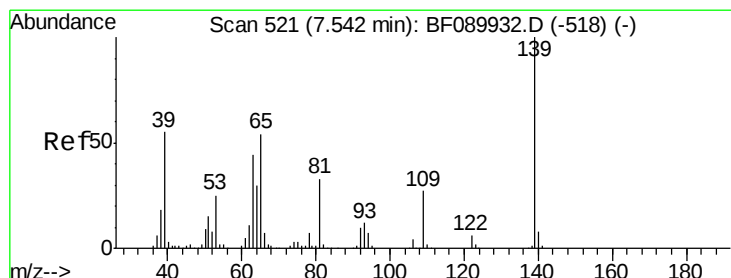
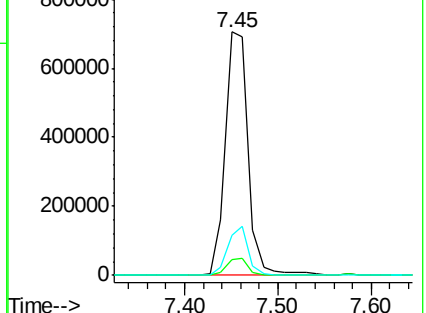
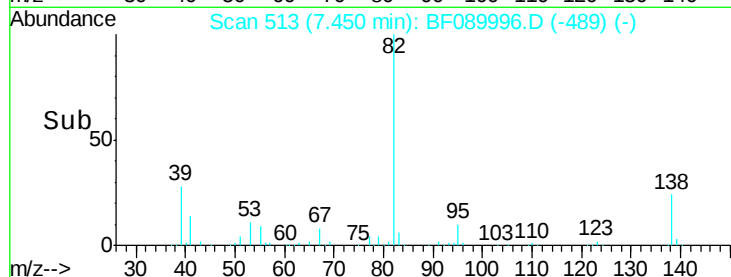
82 100

95 6.5 5.5 8.3

138 16.6 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#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

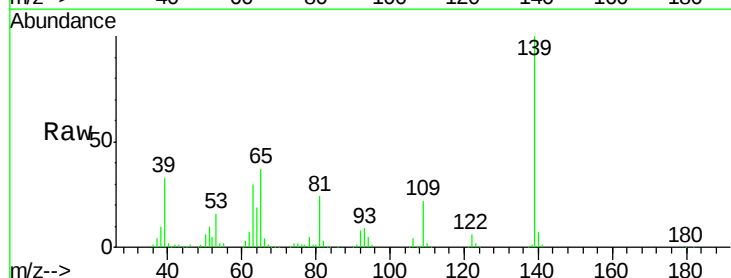
Tgt Ion: 139 Resp: 354738

Ion Ratio Lower Upper

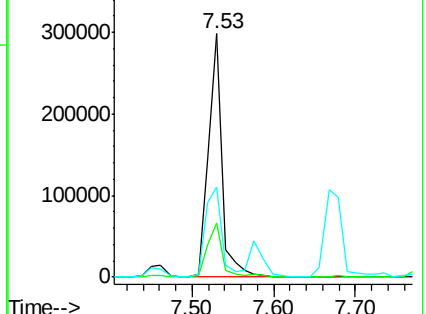
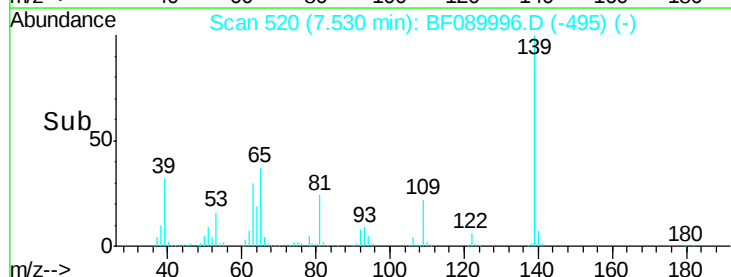
139 100

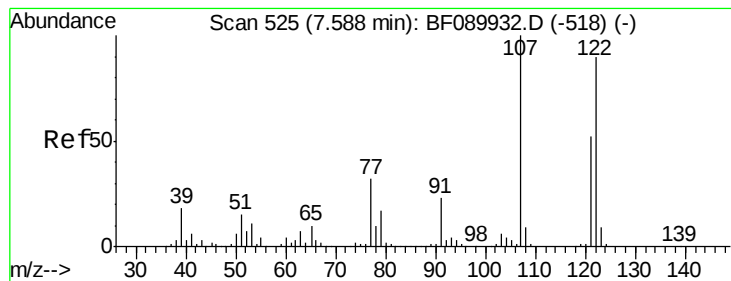
109 22.1 21.0 31.4

65 36.9 43.4 65.0#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

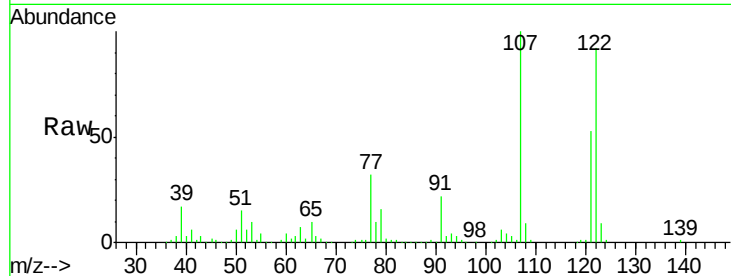




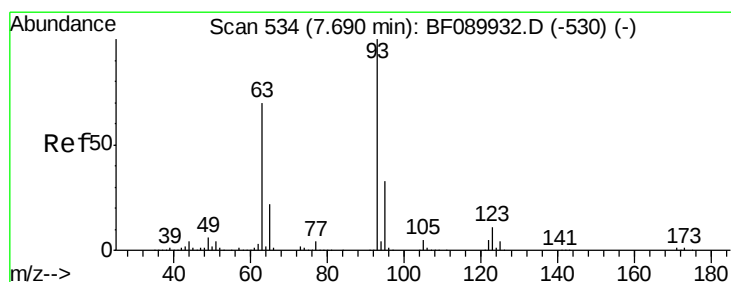
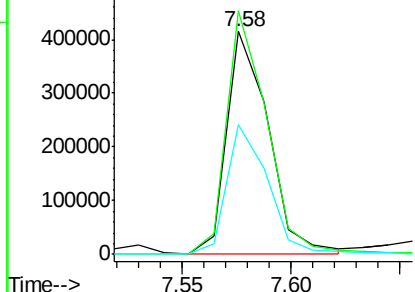
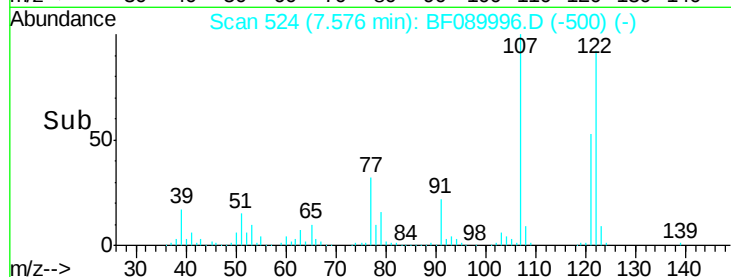
#27
 2,4-Dimethylphenol
 Concen: 36.68 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Instrument :
 BNA_F
 ClientSampled :

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

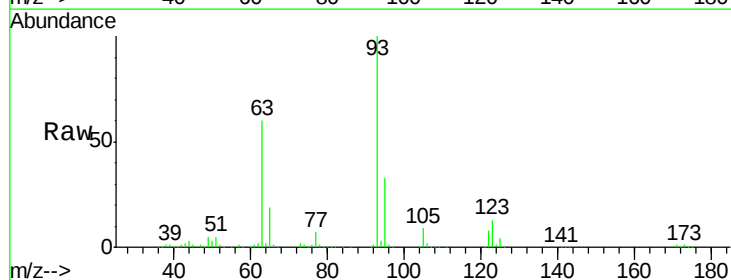


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

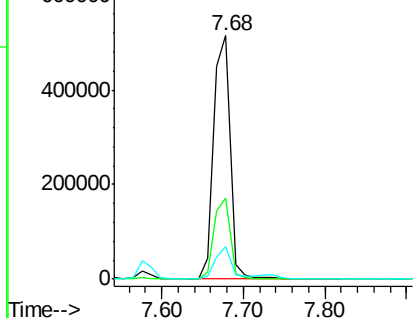
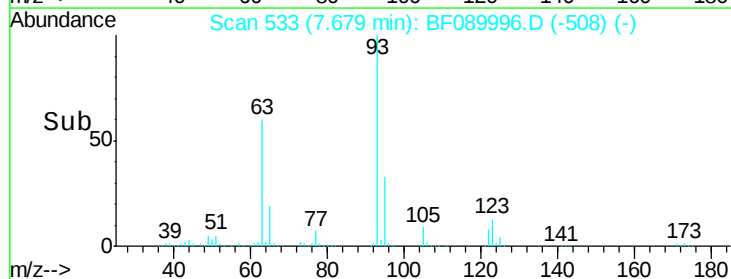


#28
 bis(2-Chloroethoxy)methane
 Concen: 37.33 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

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

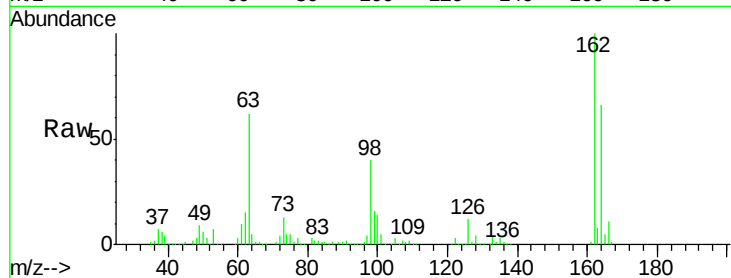




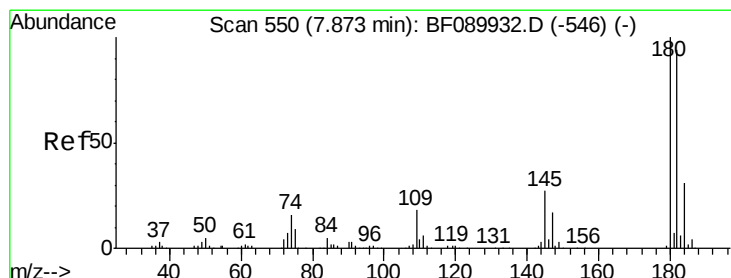
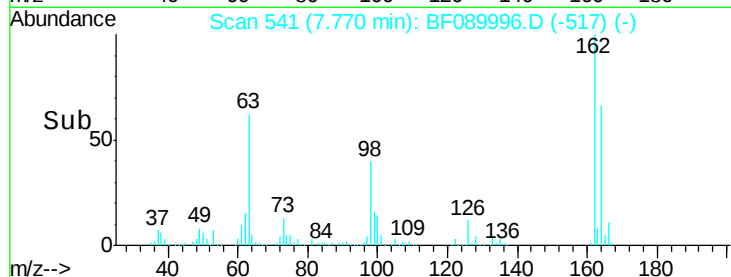
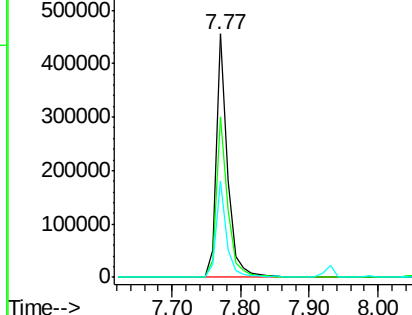
#29
 2,4-Dichlorophenol
 Concen: 39.31 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :

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

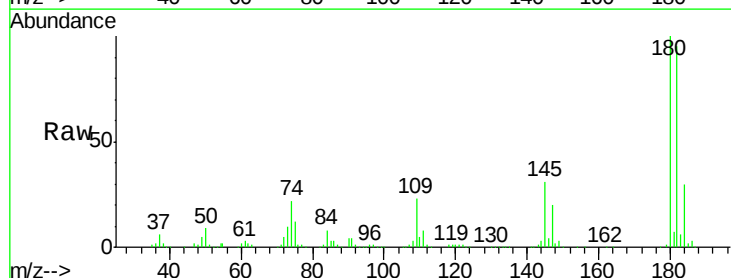


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

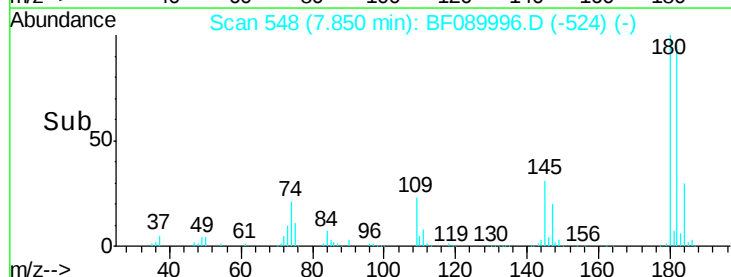
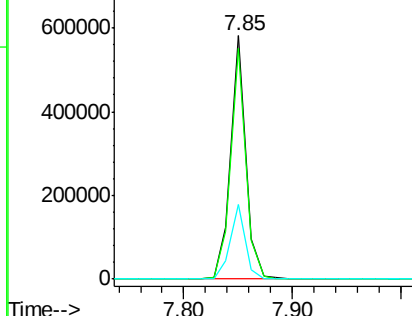


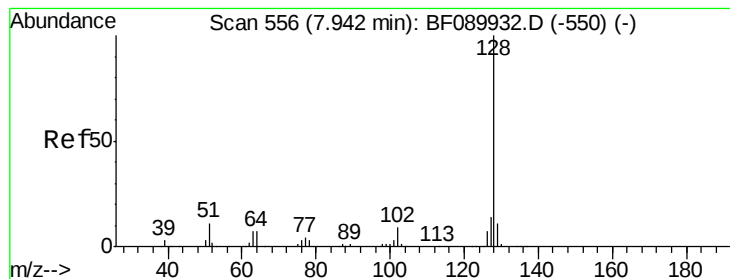
#30
 1,2,4-Trichlorobenzene
 Concen: 38.06 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

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

ClientSampled :

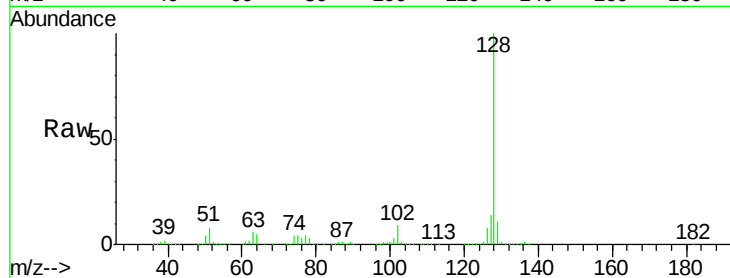
Tot Ion:128 Resp: 1750688

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

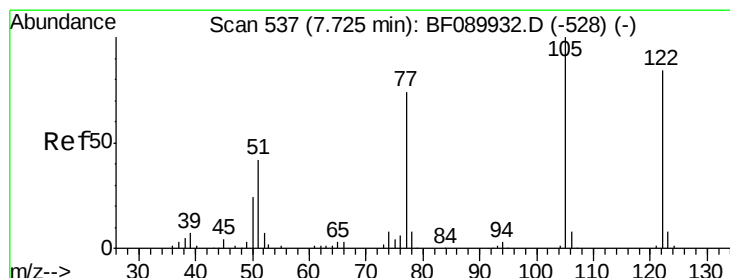
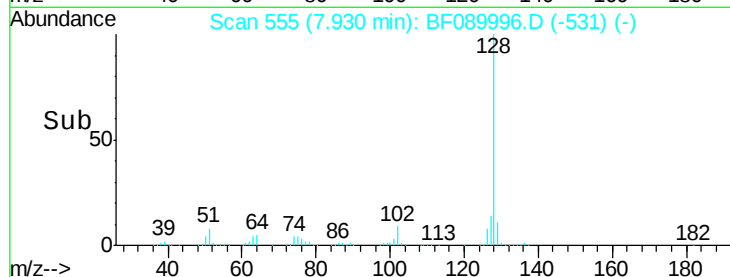
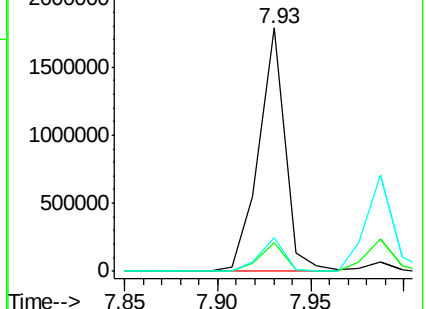
127 13.6 10.7 16.1



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

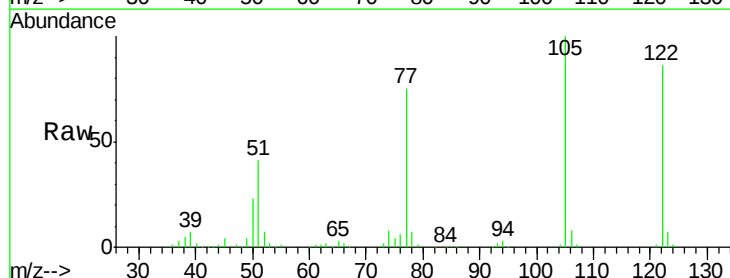
Tgt Ion:122 Resp: 460360

Ion Ratio Lower Upper

122 100

105 116.1 102.2 142.2

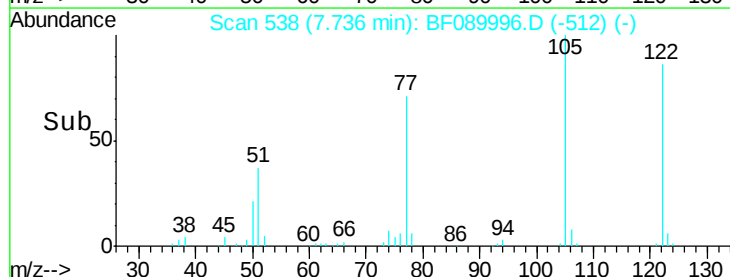
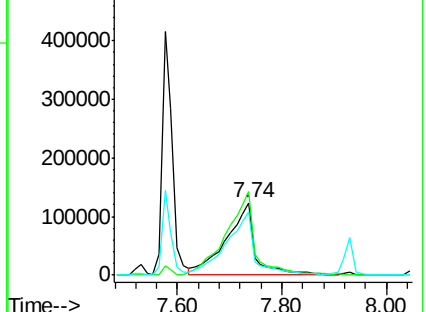
77 86.7 74.1 114.1



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

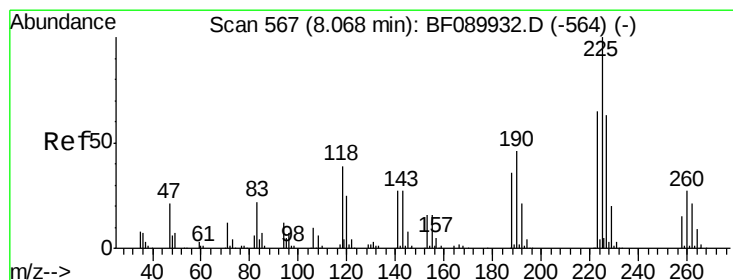
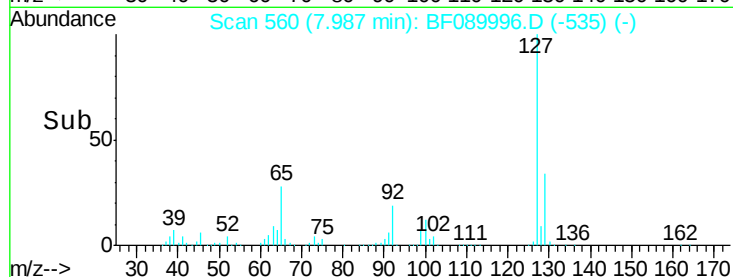
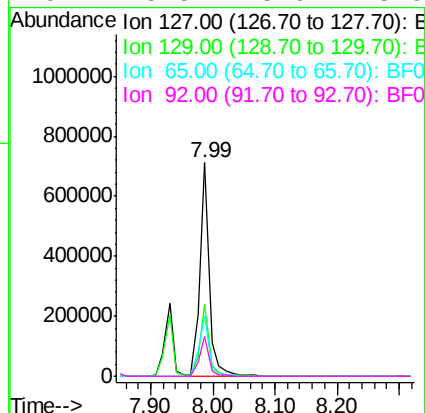
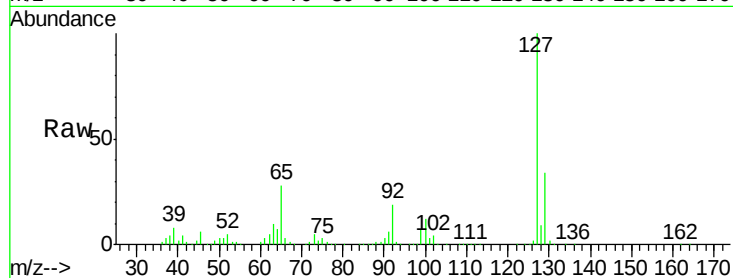




#33
4-Chloroaniline
Concen: 40.92 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

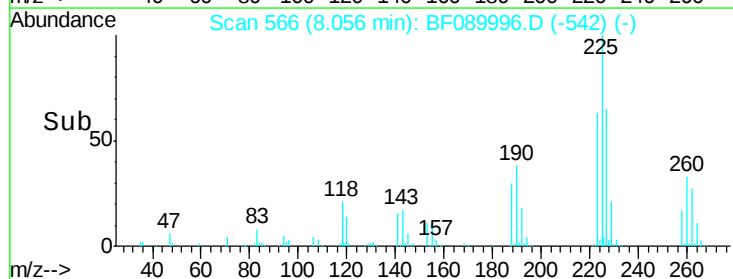
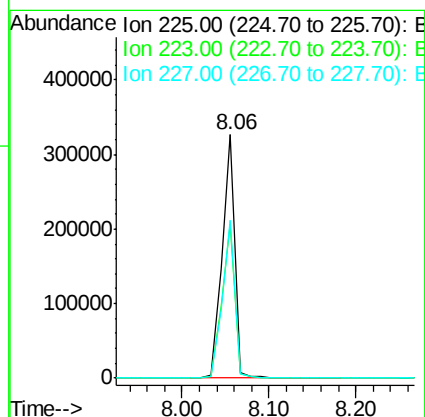
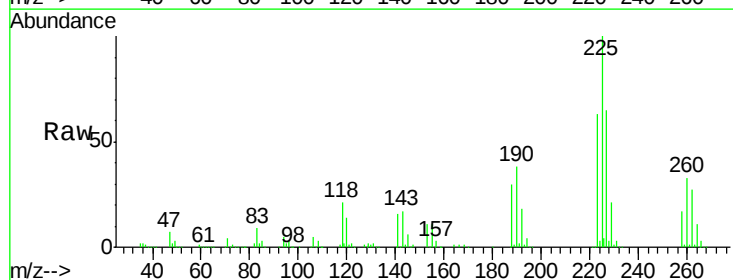
Instrument :
BNA_F
ClientSampled :

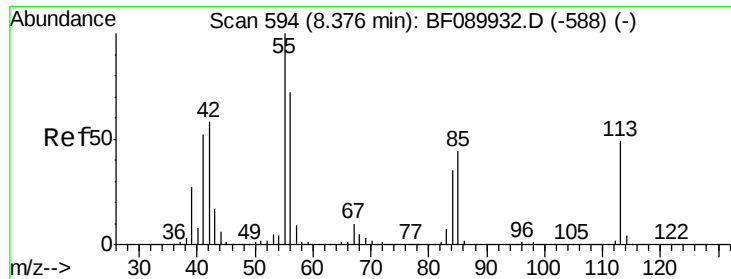
Tot Ion:	127	Resp:	760958
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	28.4	26.0	39.0
92	18.5	15.9	23.9



#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

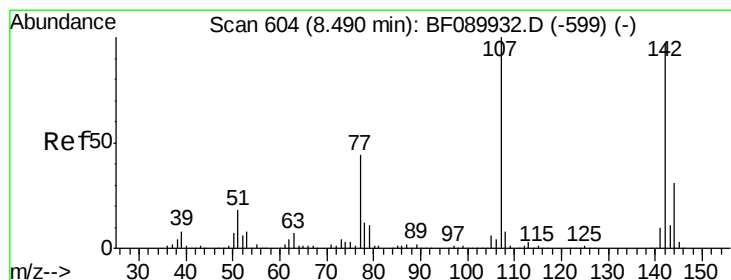
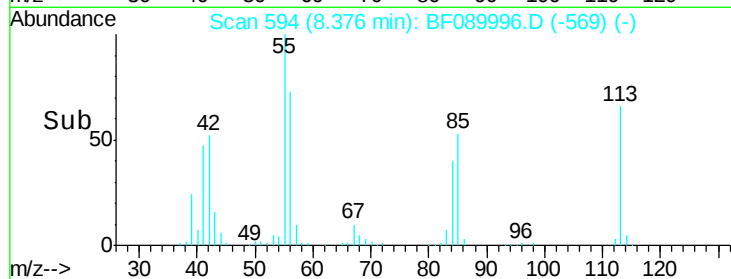
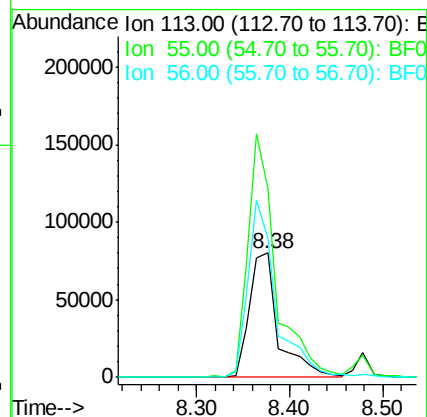
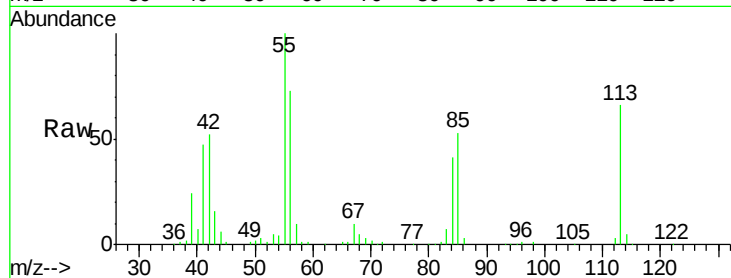




#35
 Caprolactam
 Concen: 40.92 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

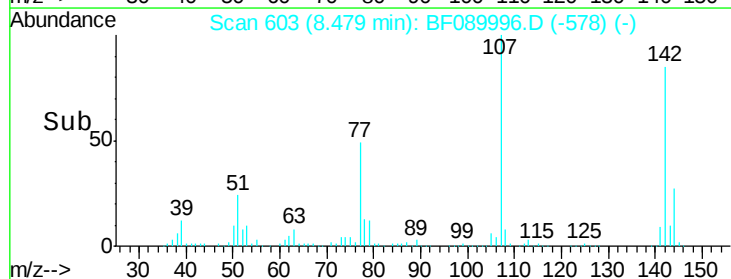
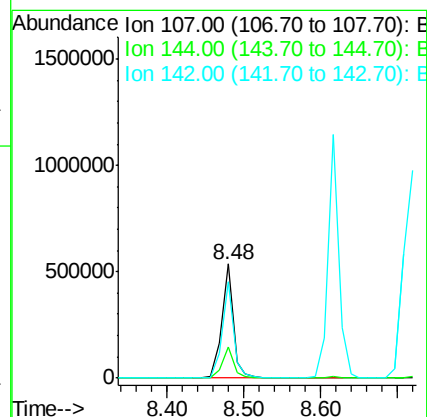
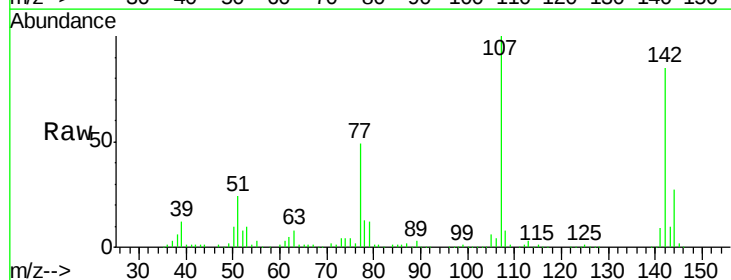
Instrument :
 BNA_F
 ClientSampleId :

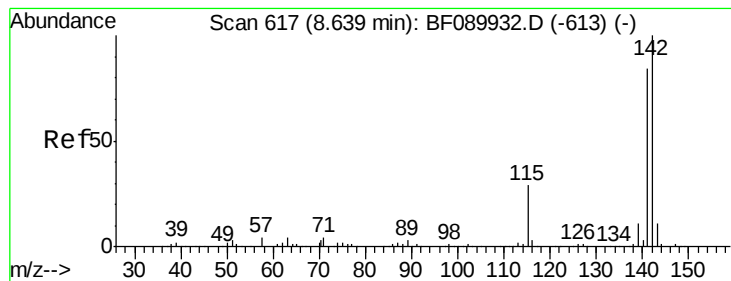
Tot Ion:113 Resp: 173657
 Ion Ratio Lower Upper
 113 100
 55 151.7 178.5 218.5#
 56 111.1 122.7 162.7#



#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





#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

ClientSampled :

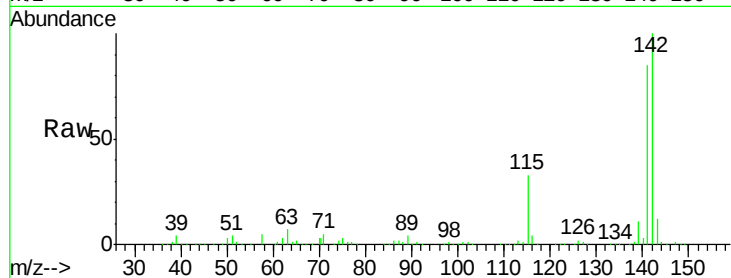
Tot Ion:142 Resp: 1095389

Ion Ratio Lower Upper

142 100

141 84.7 68.3 102.5

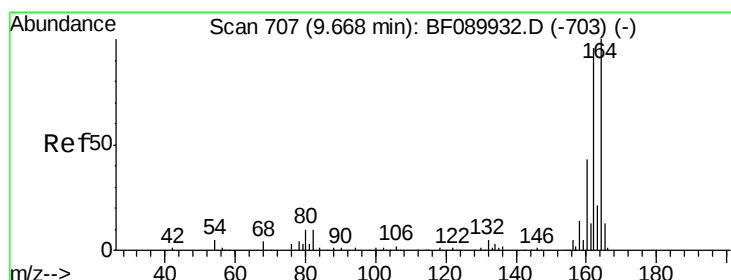
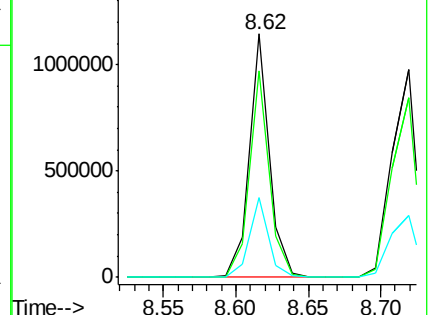
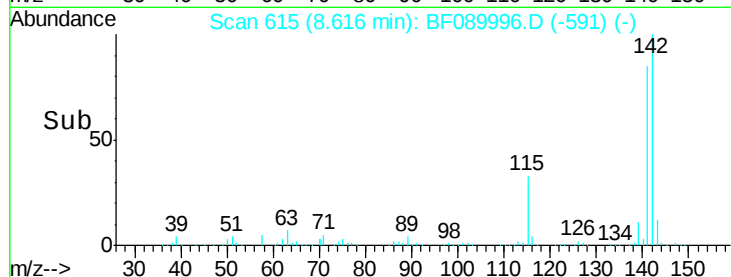
115 33.0 23.8 35.8



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

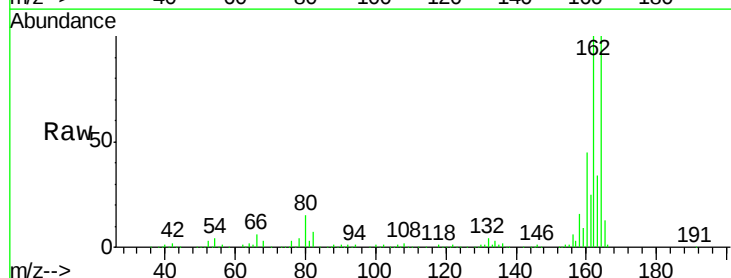
Tgt Ion:164 Resp: 478045

Ion Ratio Lower Upper

164 100

162 99.5 77.1 115.7

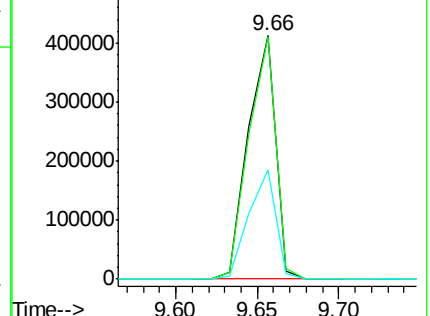
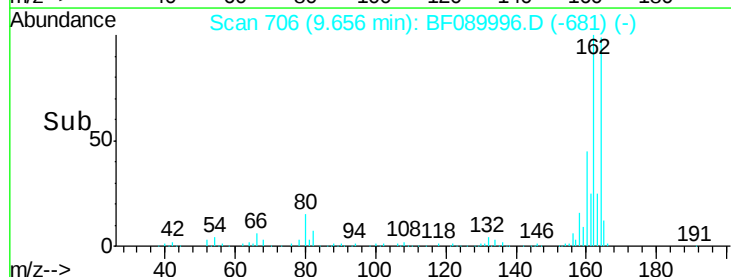
160 44.6 35.3 52.9

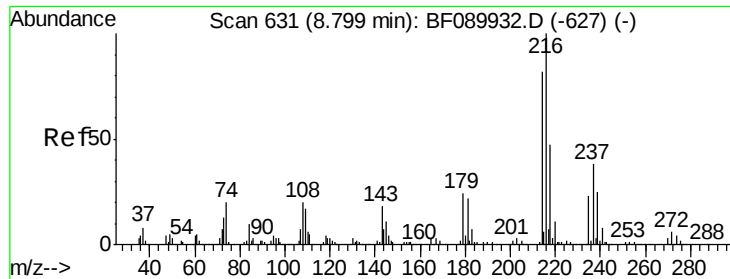


Abundance Ion 164.00 (163.70 to 164.70): E

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

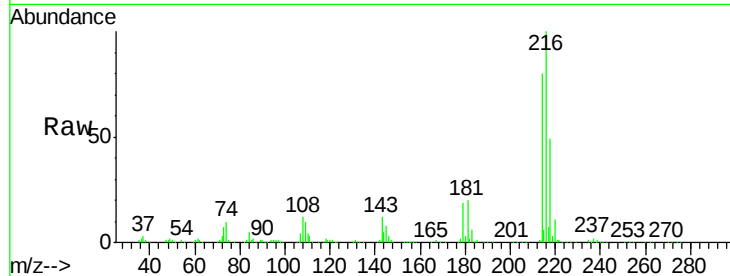
Acq: 7 Sep 2016 9:12

Instrument :

BNA_F

ClientSampleId :

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

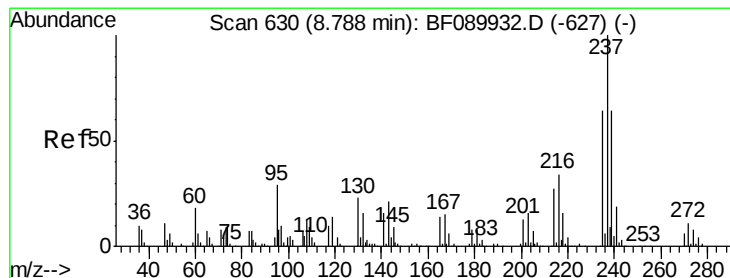
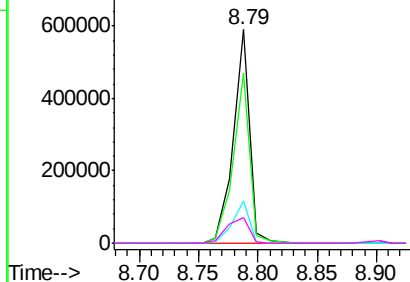
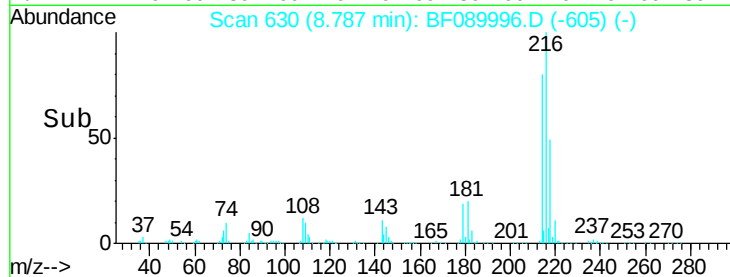


Abundance Ion 216.00 (215.70 to 216.70): E

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

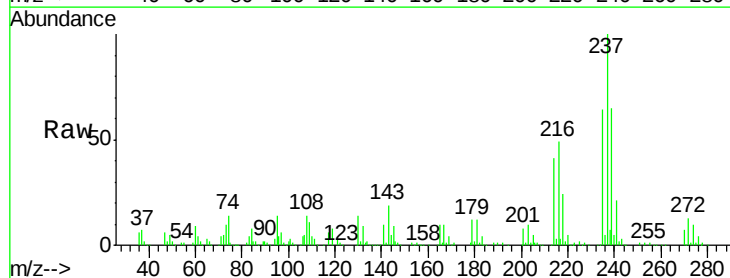
RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF089996.D

Acq: 7 Sep 2016 9:12

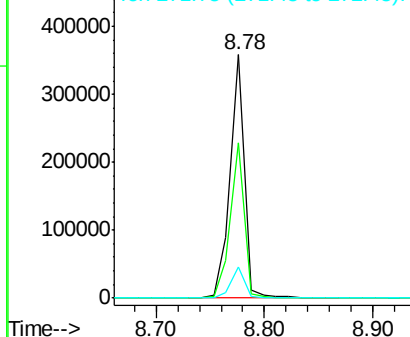
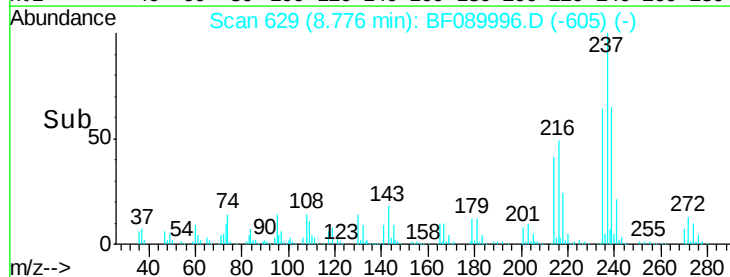
Tgt Ion:237	Resp:	324427
Ion Ratio	Lower	Upper
237	100	
235	64.0	39.6 79.6
272	12.7	0.0 34.6

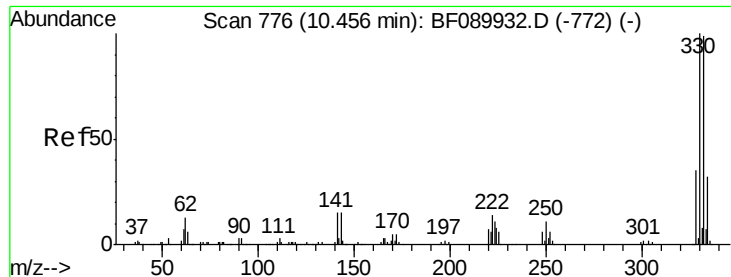


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

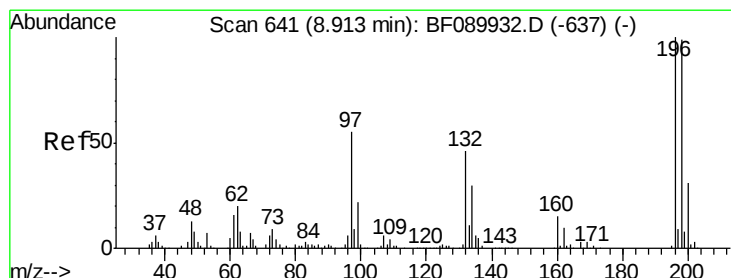
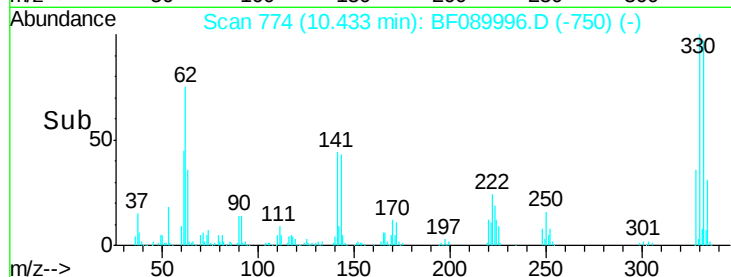
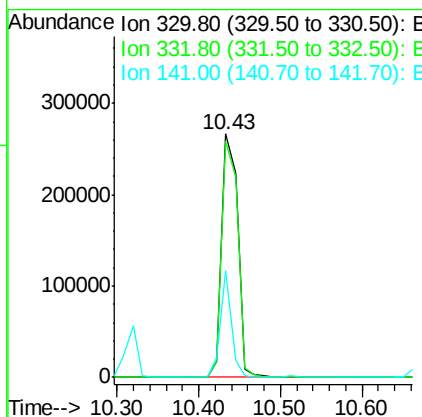
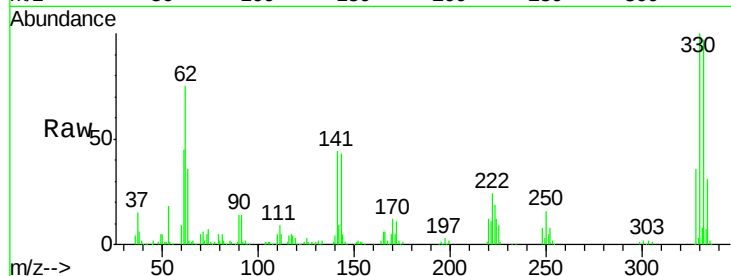




#41
 2,4,6-Tribromophenol
 Concen: 76.32 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

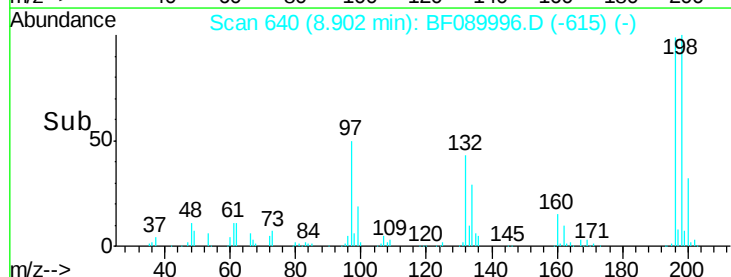
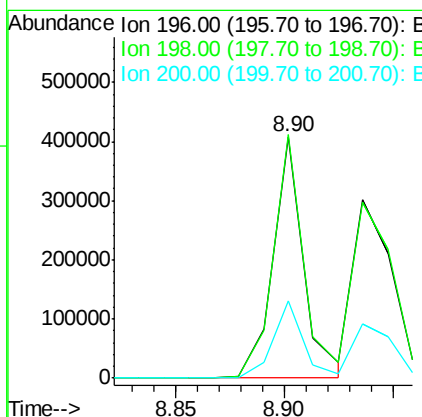
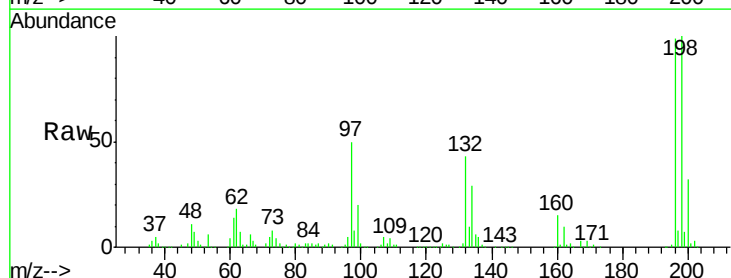
Instrument :
 BNA_F
 ClientSampleId :

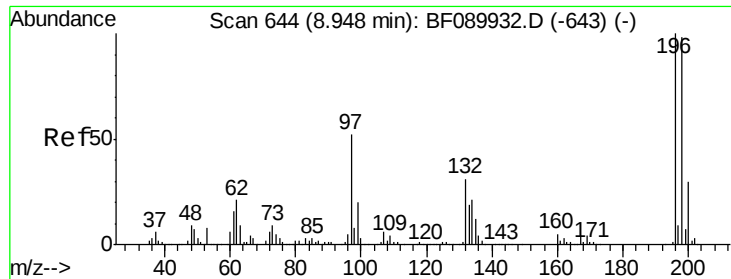
Tot Ion:330 Resp: 359966
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.6 117.8
 141 30.7 23.3 34.9



#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

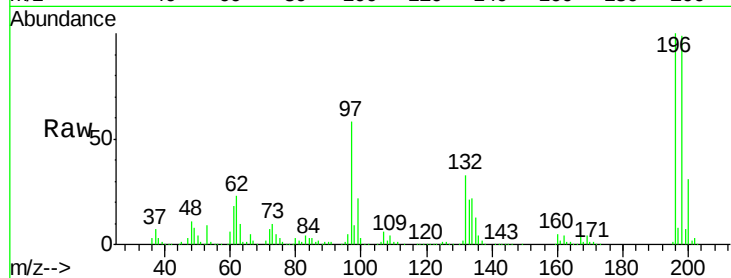




#43
 2,4,5-Trichlorophenol
 Concen: 41.04 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	383029
Ion Ratio	100	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



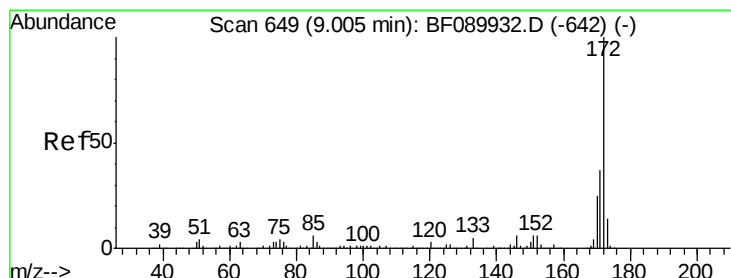
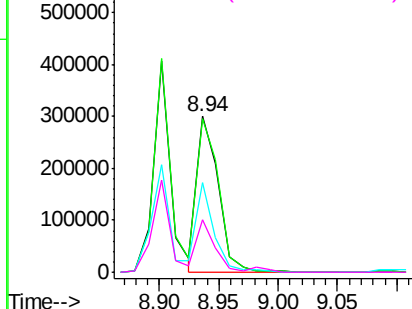
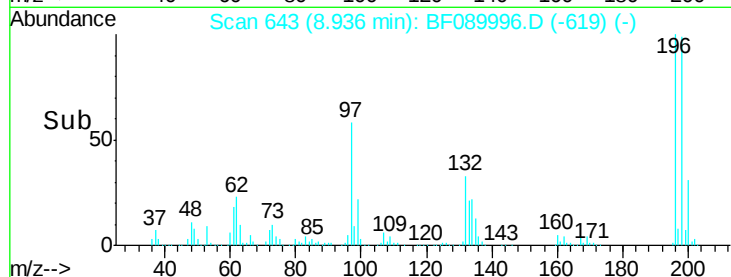
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

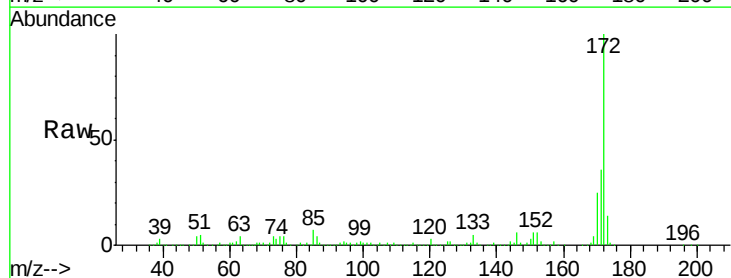
Ion 97.00 (96.70 to 97.70): BF0

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	172	Resp	2173281
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
172	100		
171	36.5	29.4	44.2
170	24.7	20.1	30.1

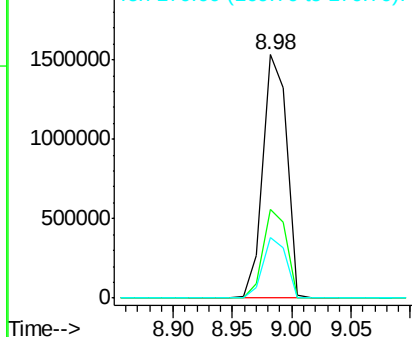
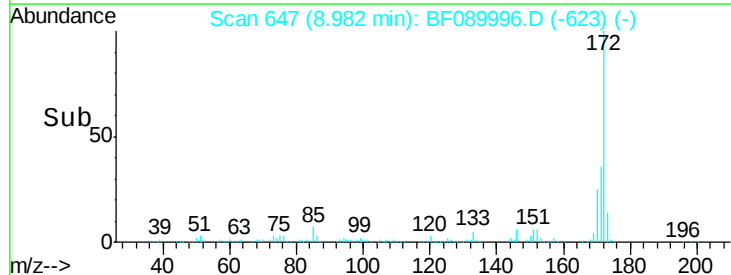


Abundance

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

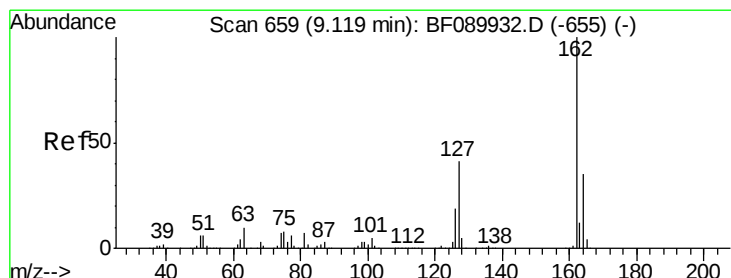
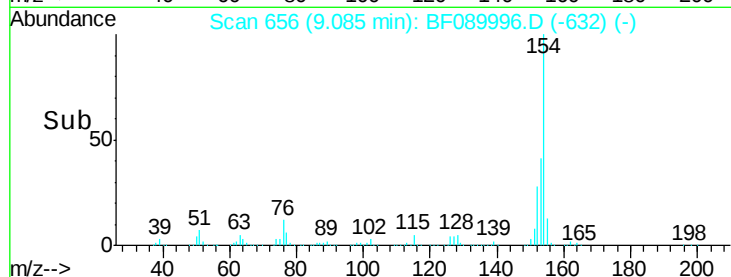
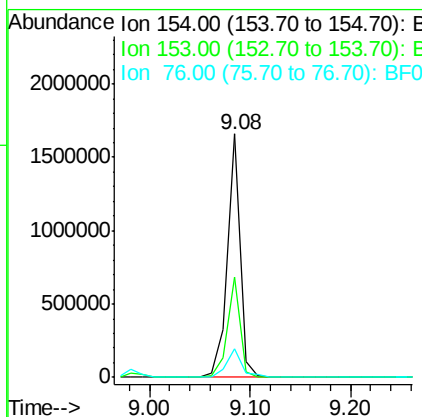
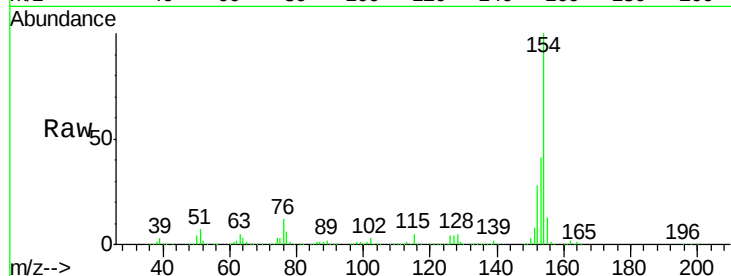




#45
 1,1'-Biphenyl
 Concen: 38.12 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

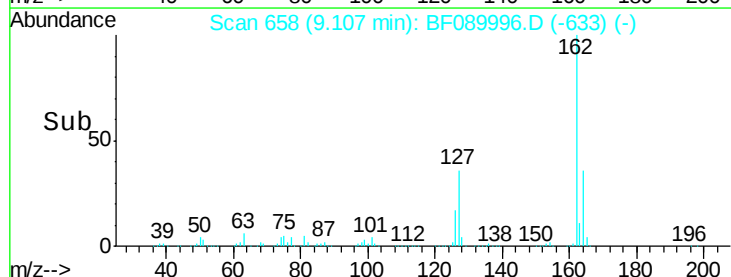
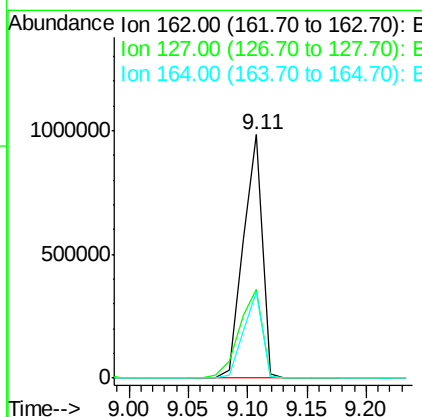
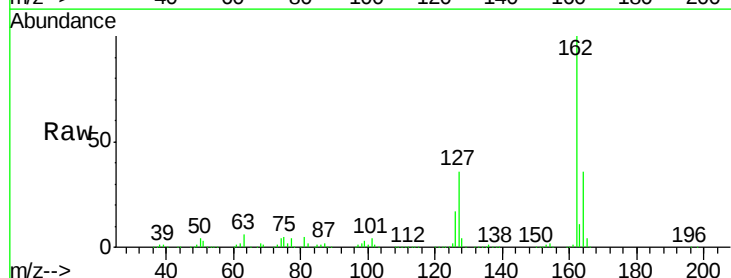
Instrument :
 BNA_F
 ClientSampleId :

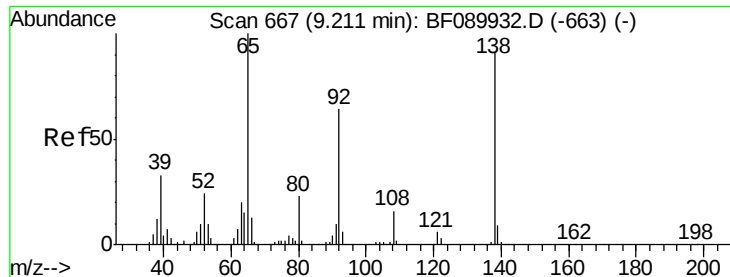
Tot Ion:154 Resp: 1467425
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.6 60.6
 76 11.8 0.0 34.9



#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

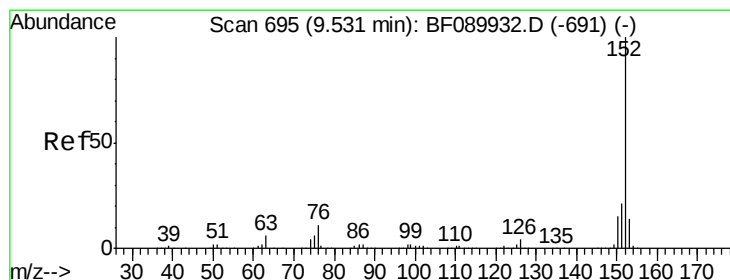
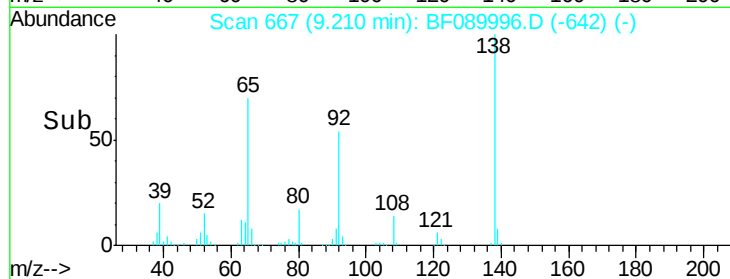
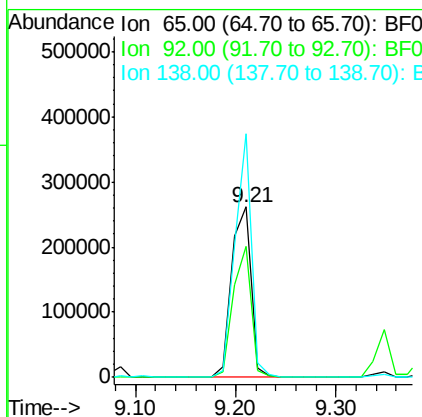
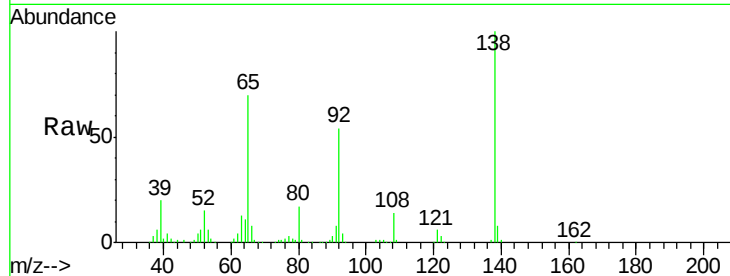




#47
2-Nitroaniline
Concen: 39.74 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

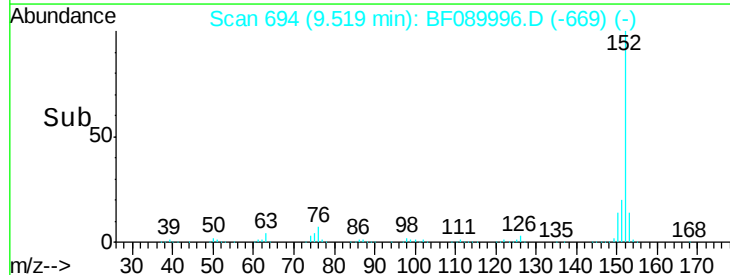
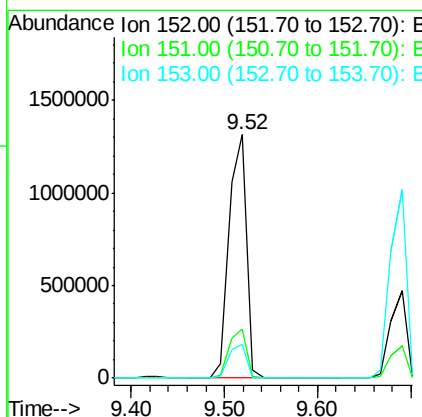
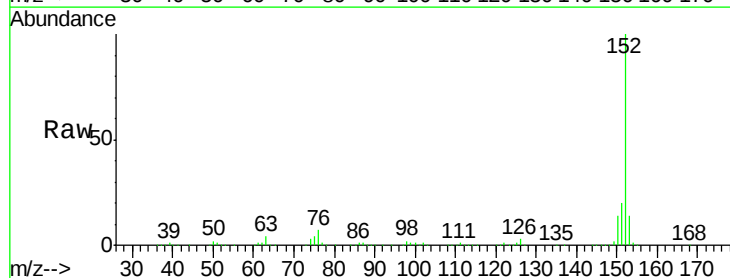
Instrument :
BNA_F
ClientSampled :

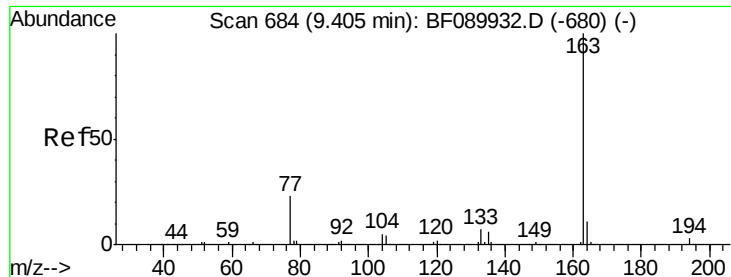
Tot Ion: 65 Resp: 353717
Ion Ratio Lower Upper
65 100
92 76.5 52.0 78.0
138 142.8 72.1 108.1#



#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





#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 :

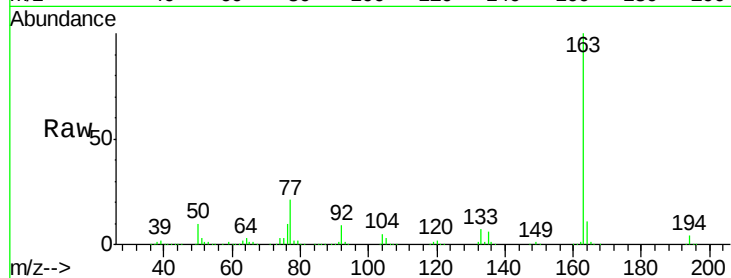
Tot Ion:163 Resp: 1229113

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

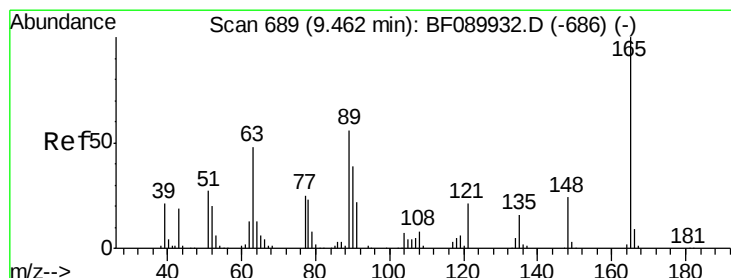
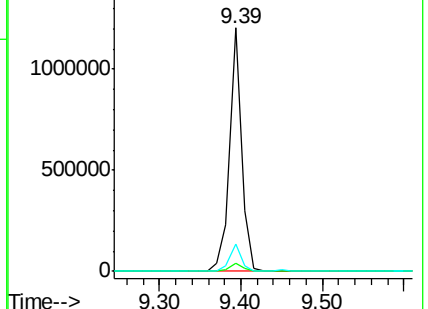
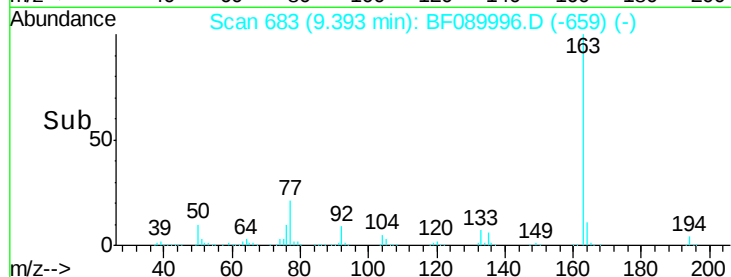
164 11.2 9.0 13.4



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

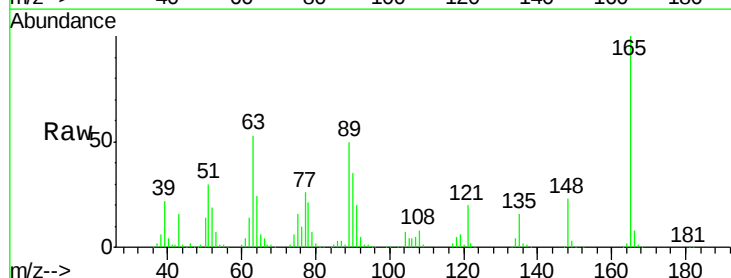
Tgt Ion:165 Resp: 301540

Ion Ratio Lower Upper

165 100

63 53.4 45.0 67.4

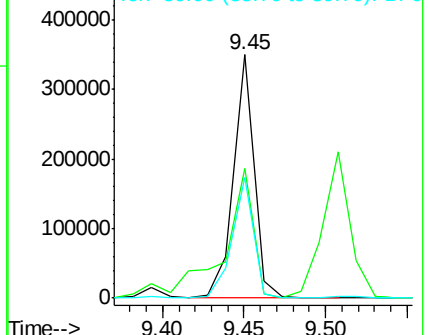
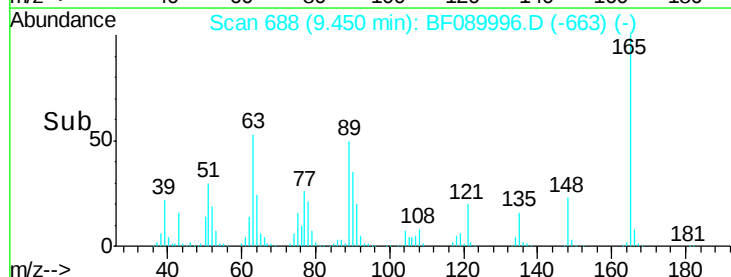
89 49.6 41.5 62.3

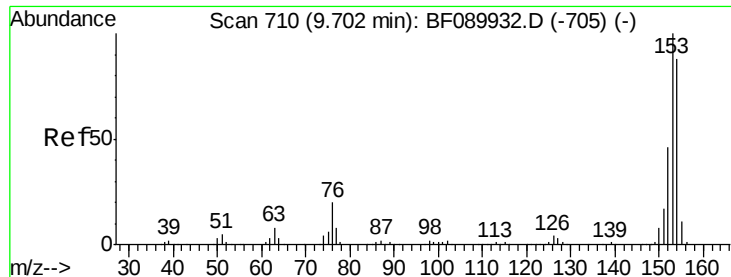


Abundance Ion 165.00 (164.70 to 165.70): E

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 :

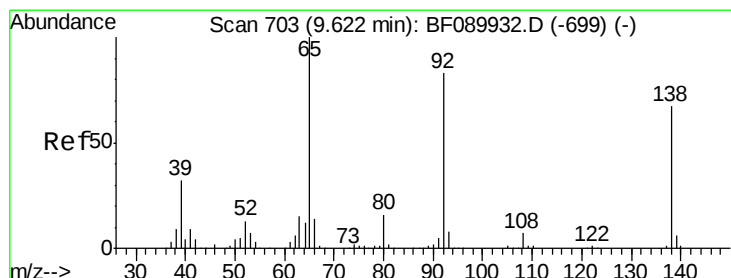
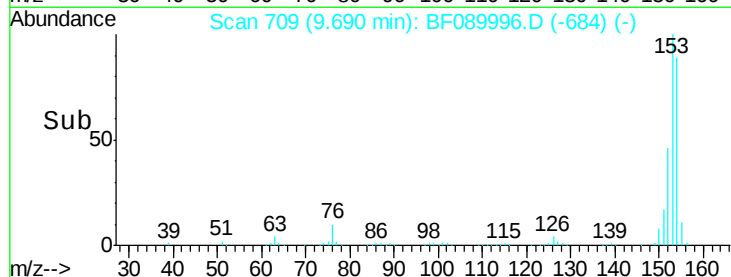
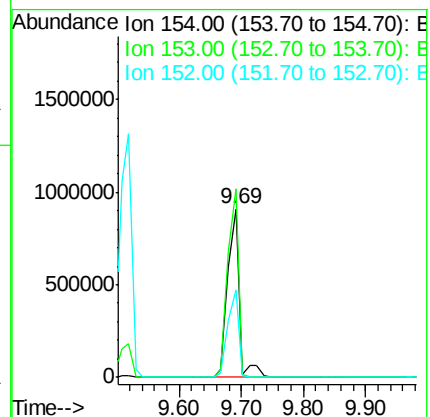
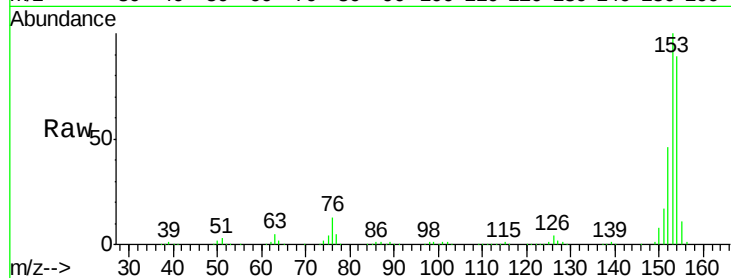
Tot Ion:154 Resp: 1171527

Ion Ratio Lower Upper

154 100

153 112.4 90.6 135.8

152 52.0 42.4 63.6



#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

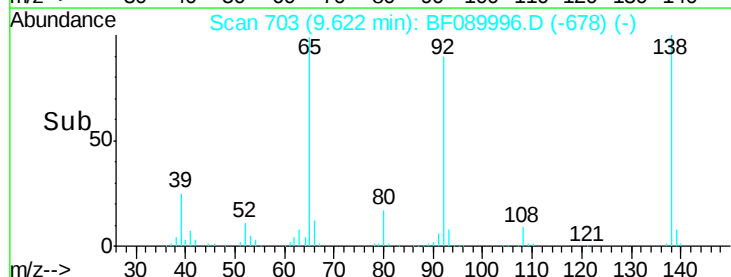
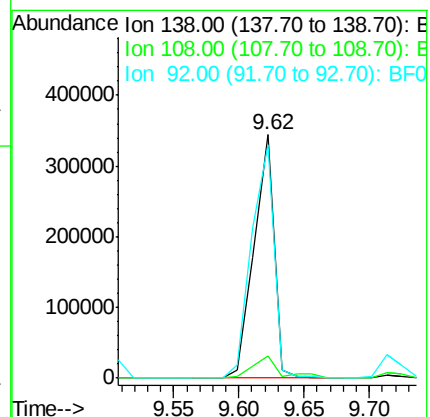
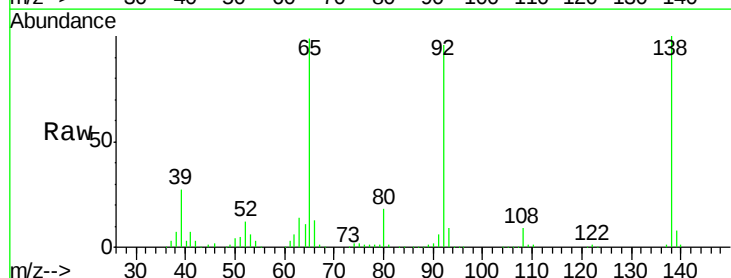
Tgt Ion:138 Resp: 374466

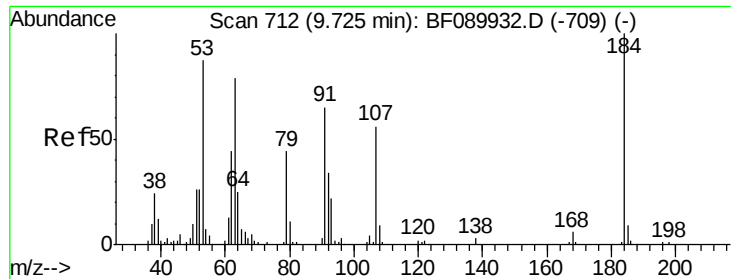
Ion Ratio Lower Upper

138 100

108 9.0 8.3 12.5

92 95.9 99.1 148.7#

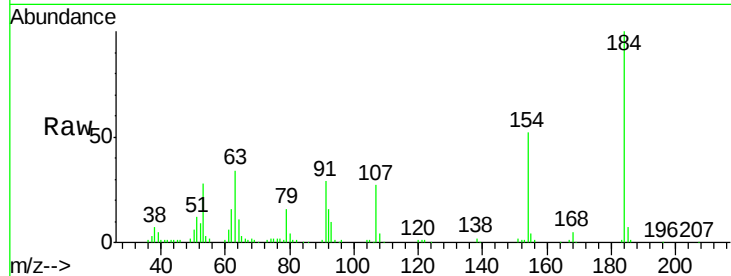




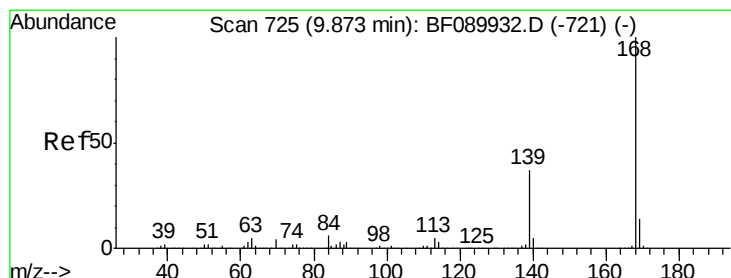
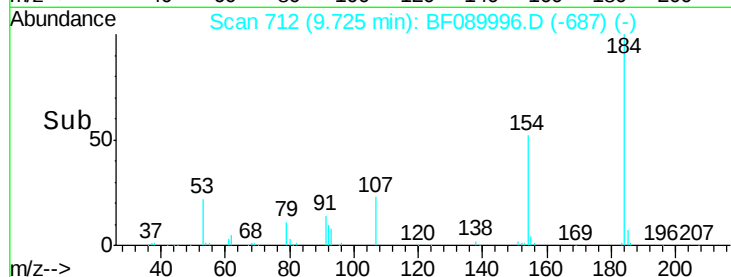
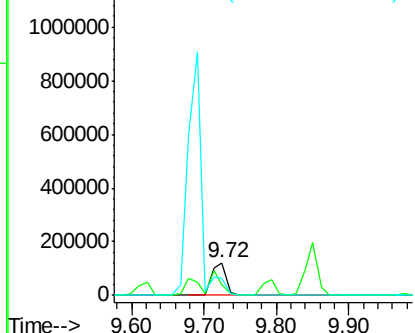
#53
2,4-Dinitrophenol
Concen: 43.09 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

Instrument :
BNA_F
ClientSampleId :

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#

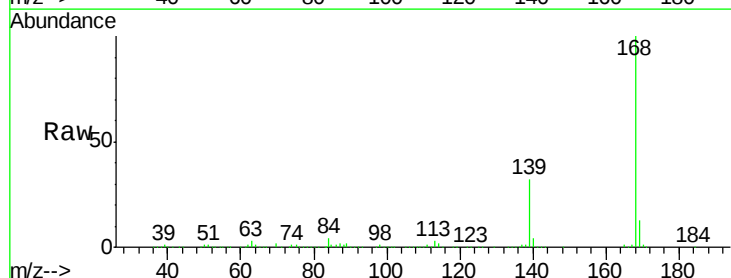


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

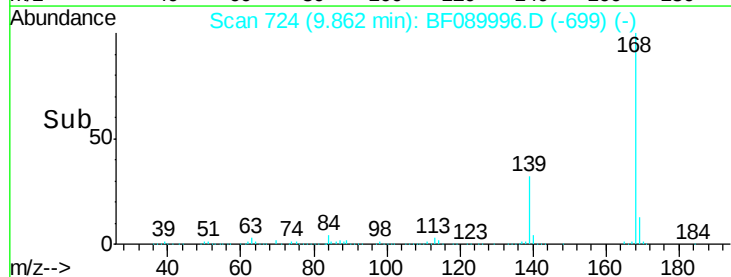
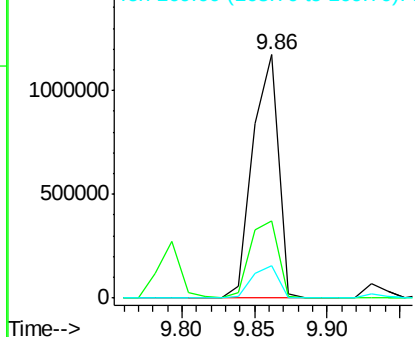


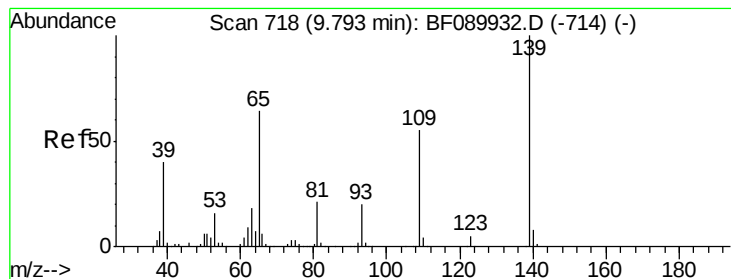
#54
Dibenzofuran
Concen: 37.60 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

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

ClientSampled :

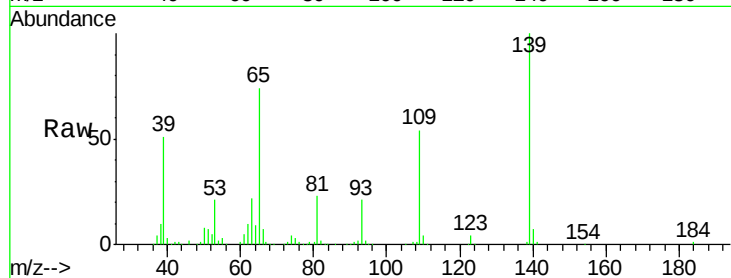
Tot Ion:139 Resp: 295372

Ion Ratio Lower Upper

139 100

109 53.9 31.3 71.3

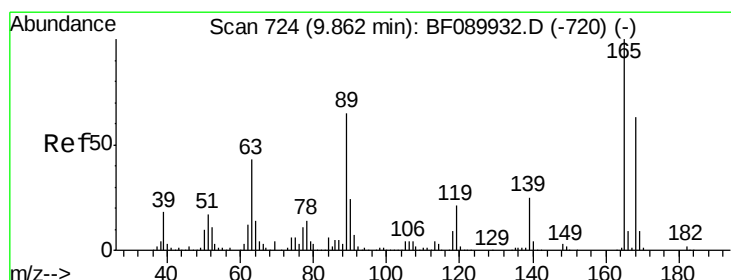
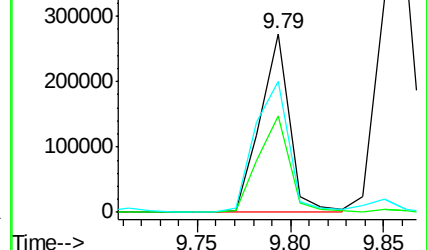
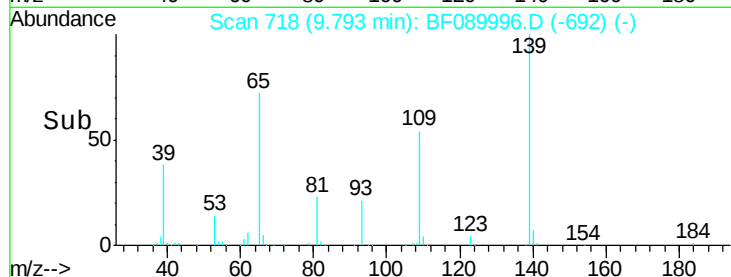
65 73.6 38.5 78.5



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

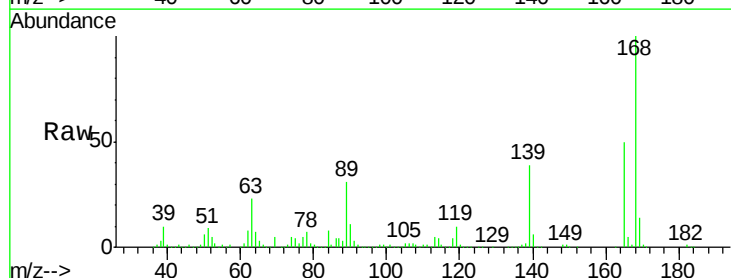
Ion Ratio Lower Upper

165 100

63 46.7 32.5 48.7

89 62.6 48.3 72.5

182 2.3 1.7 2.5

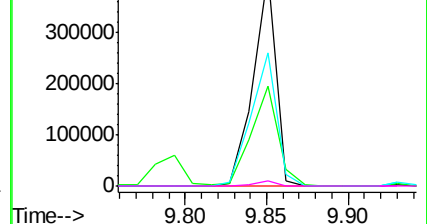
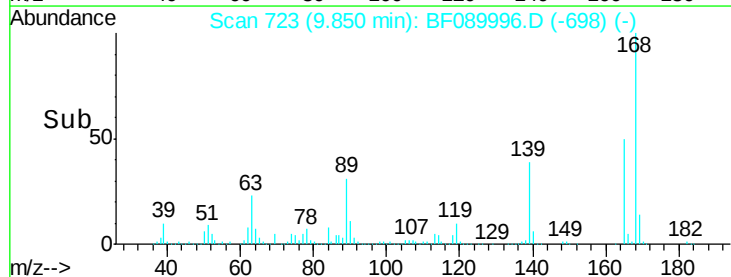


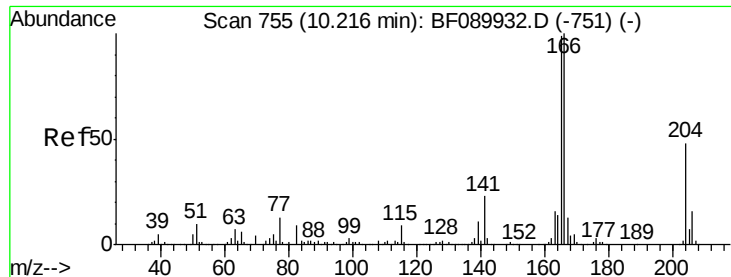
Abundance Ion 165.00 (164.70 to 165.70): E

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

ClientSampled :

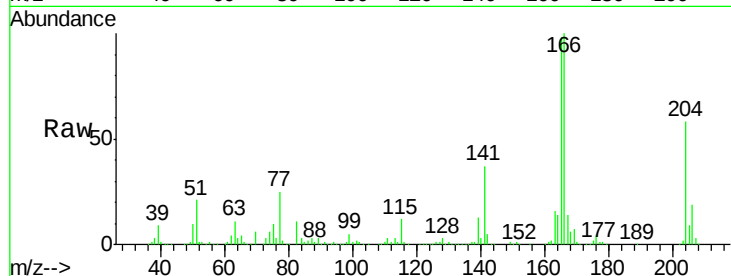
Tot Ion:166 Resp: 970612

Ion Ratio Lower Upper

166 100

165 98.0 78.6 118.0

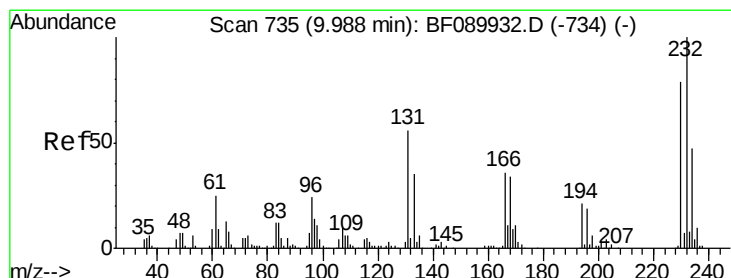
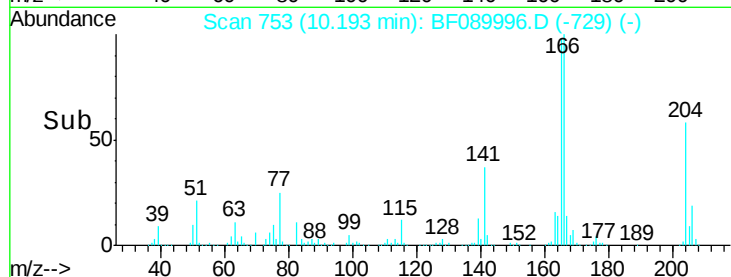
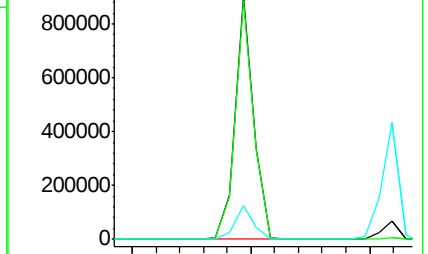
167 13.8 10.6 15.8



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

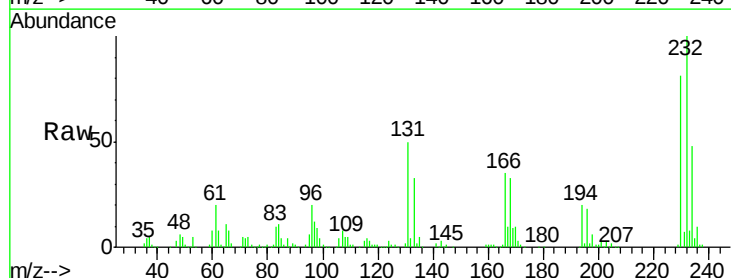
Ion Ratio Lower Upper

232 100

131 43.9 36.3 54.5

130 2.0 1.7 2.5

166 30.8 24.4 36.6

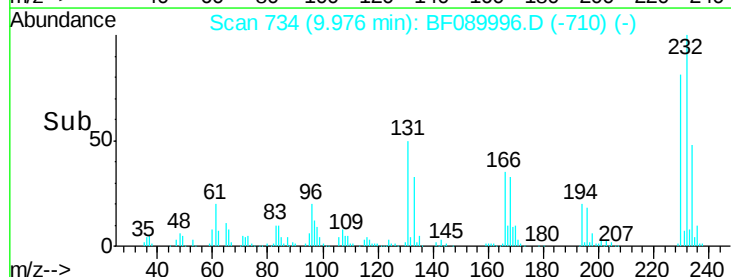
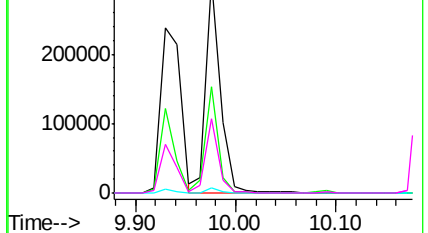


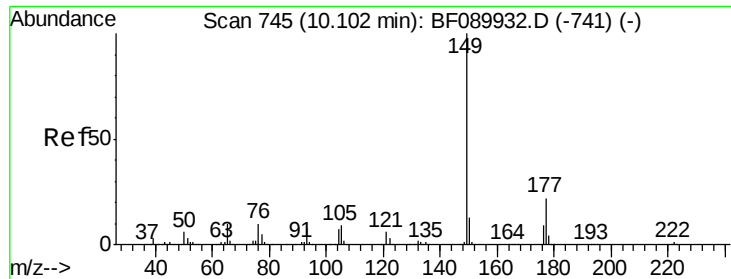
Abundance Ion 232.00 (231.70 to 232.70): E

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

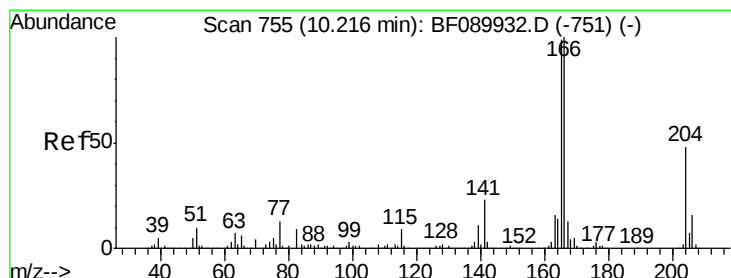
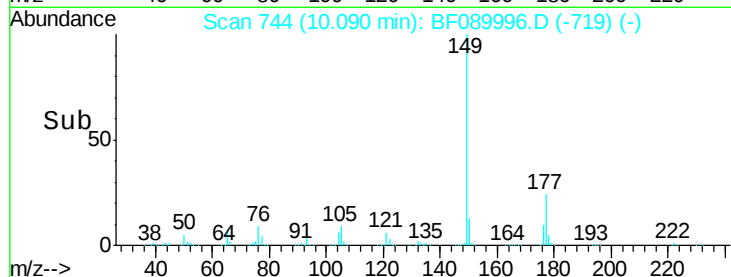
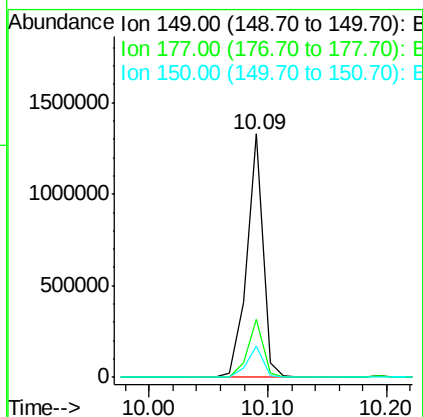
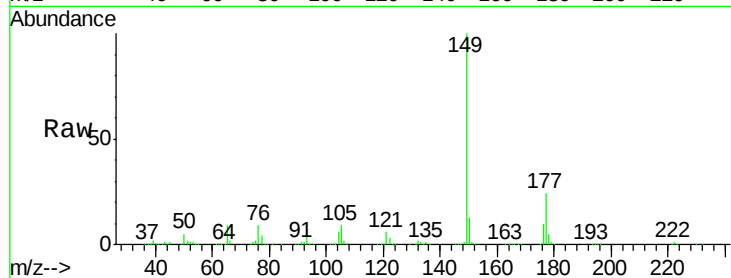




#59
Diethylphthalate
Concen: 38.97 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

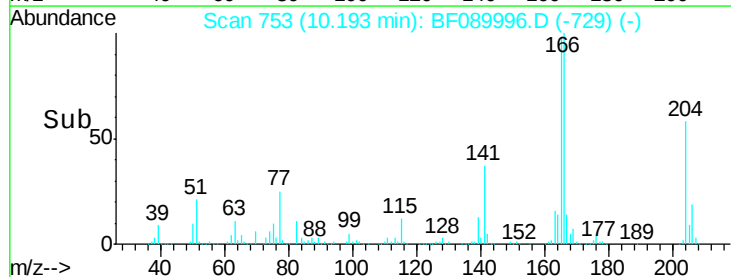
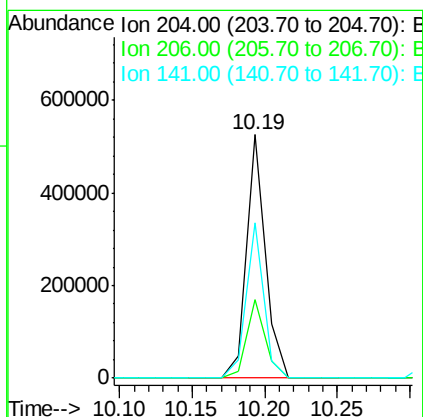
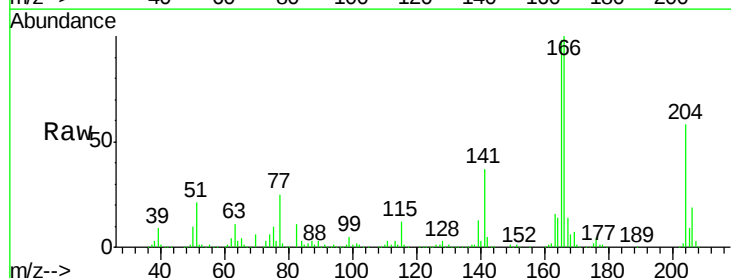
Instrument :
BNA_F
ClientSampleId :

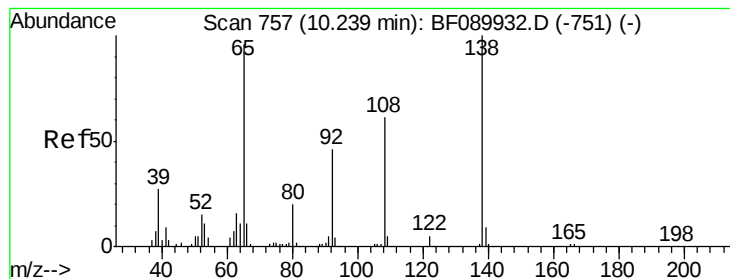
Tot Ion:149 Resp: 1266657
Ion Ratio Lower Upper
149 100
177 23.6 17.7 26.5
150 12.7 10.2 15.2



#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

ClientSampled :

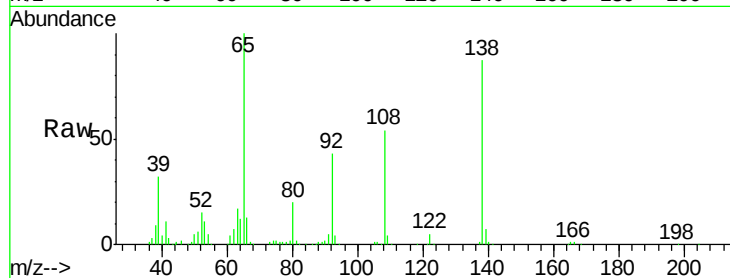
Tot Ion:138 Resp: 327707

Ion Ratio Lower Upper

138 100

92 49.7 21.2 61.2

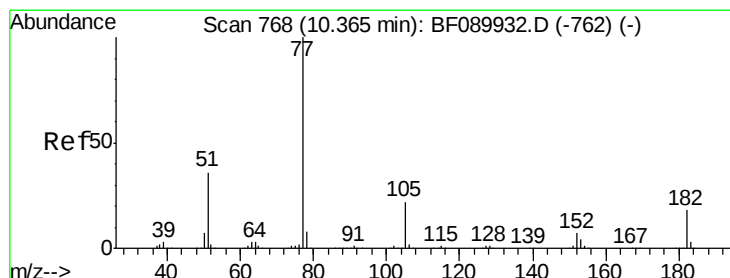
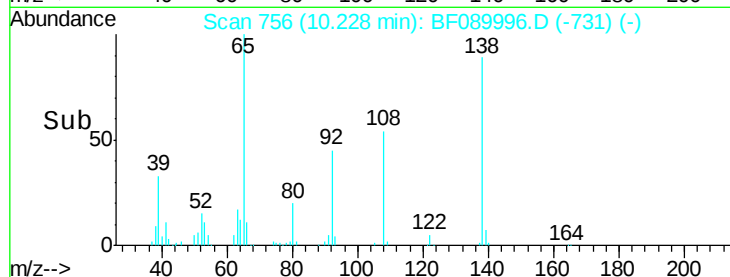
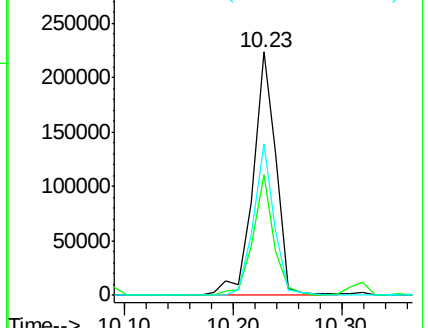
108 62.0 37.7 77.7



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

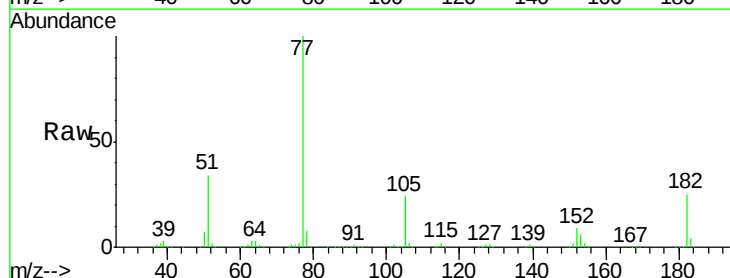
Ion Ratio Lower Upper

77 100

182 25.5 0.0 38.6

105 24.4 2.3 42.3

51 33.8 15.1 55.1

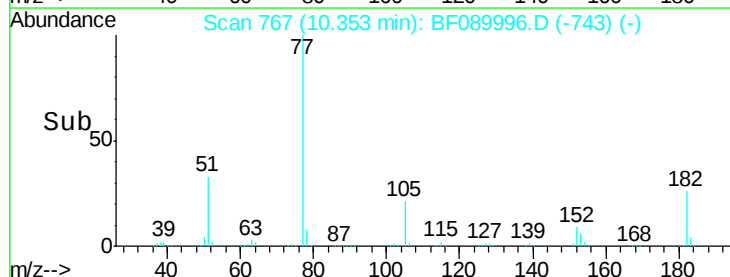
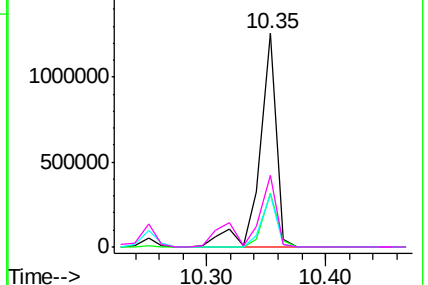


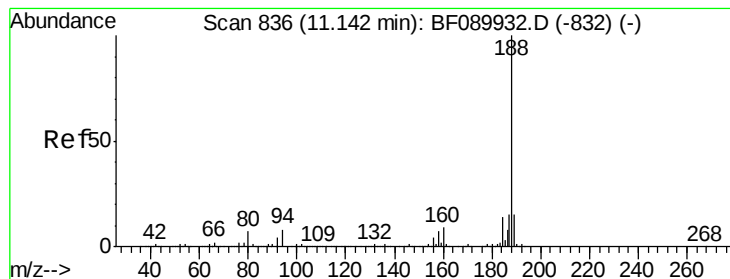
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

ClientSampled :

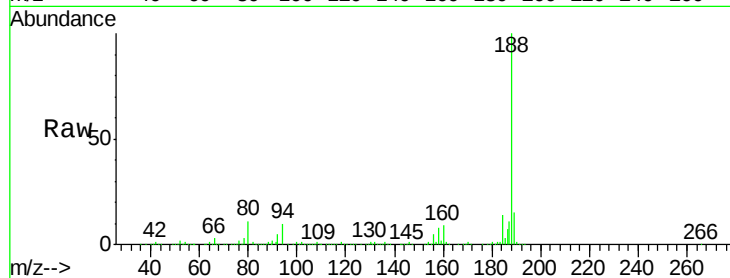
Tot Ion:188 Resp: 875547

Ion Ratio Lower Upper

188 100

94 9.9 5.9 8.9#

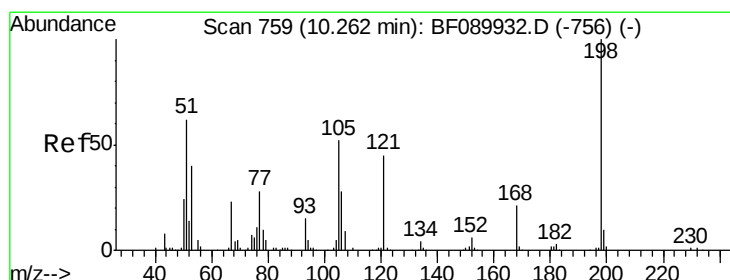
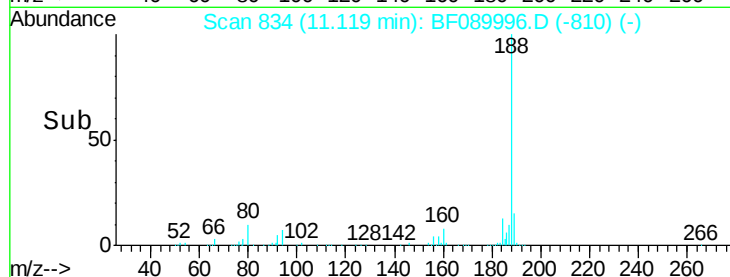
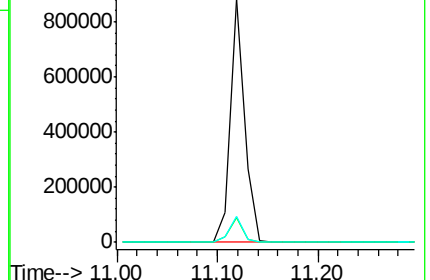
80 10.6 5.8 8.8#



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

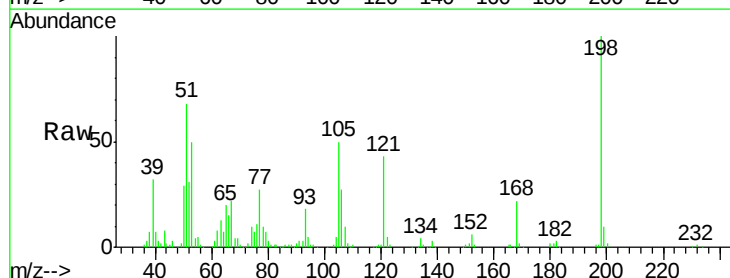
Tgt Ion:198 Resp: 221230

Ion Ratio Lower Upper

198 100

51 67.8 43.0 83.0

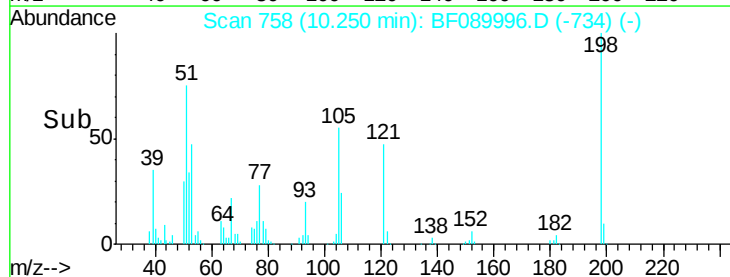
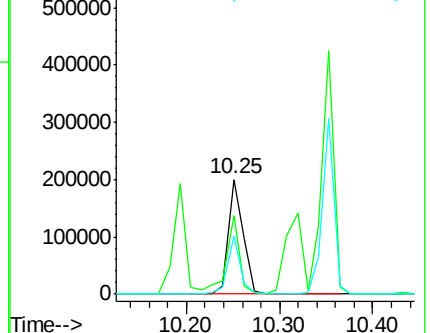
105 50.4 30.3 70.3

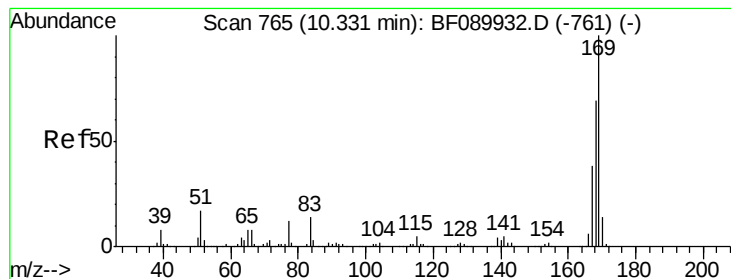


Abundance Ion 198.00 (197.70 to 198.70): E

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 :

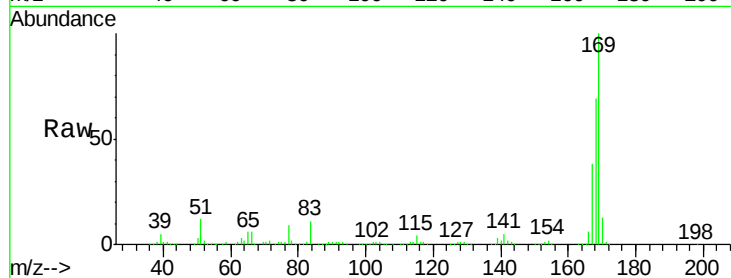
Tot Ion:169 Resp: 1102268

Ion Ratio Lower Upper

169 100

168 68.8 55.0 82.4

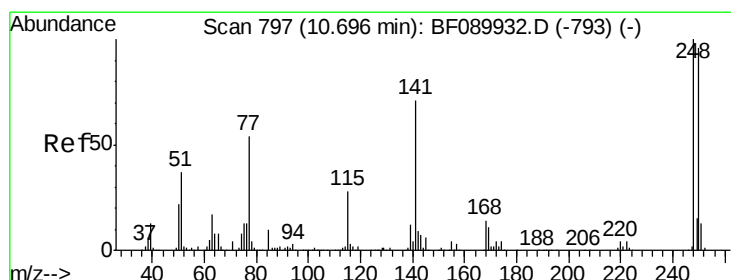
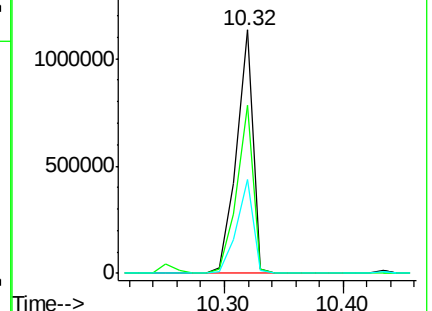
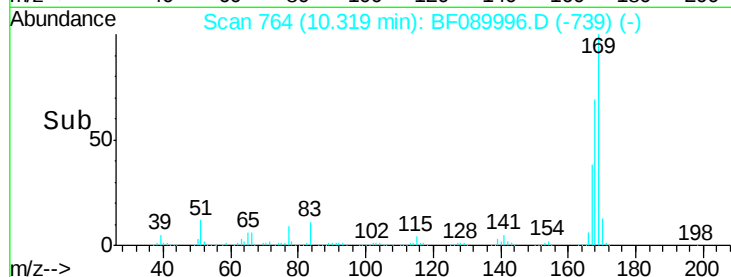
167 38.4 30.5 45.7



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

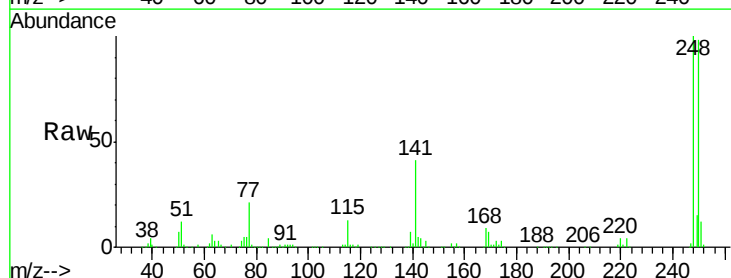
Tgt Ion:248 Resp: 369469

Ion Ratio Lower Upper

248 100

250 98.0 77.3 115.9

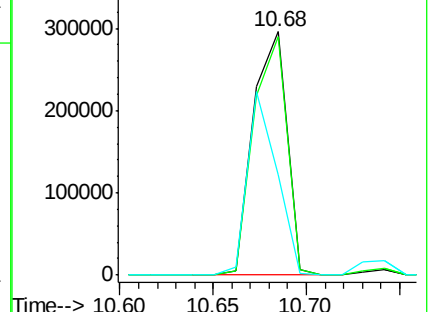
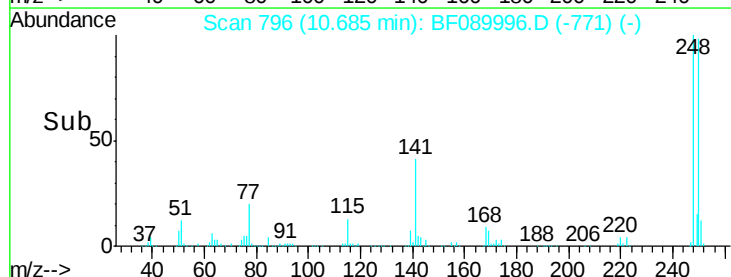
141 41.1 55.8 83.8#

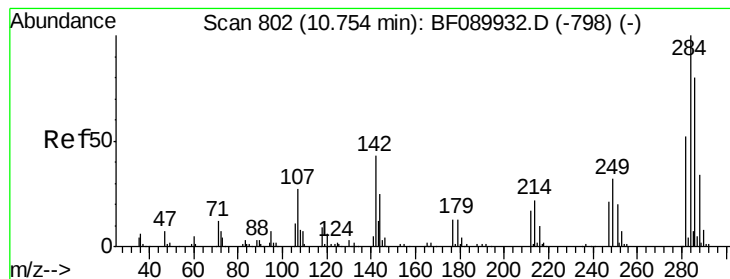


Abundance Ion 248.00 (247.70 to 248.70): E

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 :

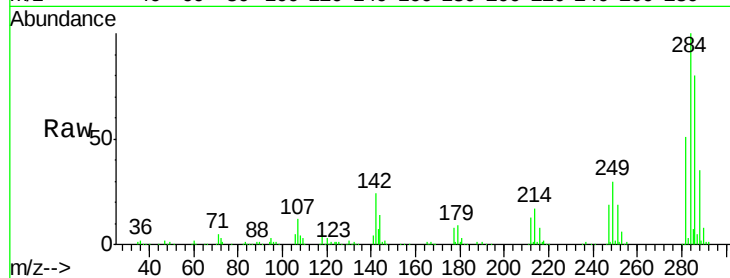
Tot Ion:284 Resp: 429460

Ion Ratio Lower Upper

284 100

142 24.0 32.7 49.1#

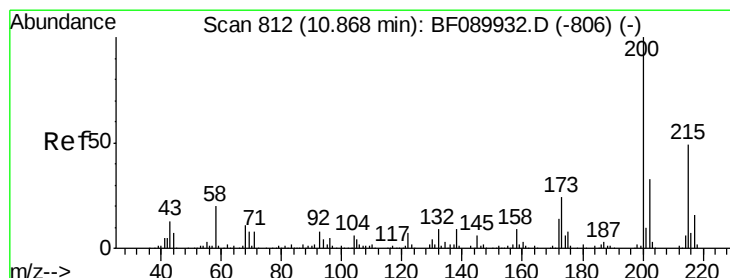
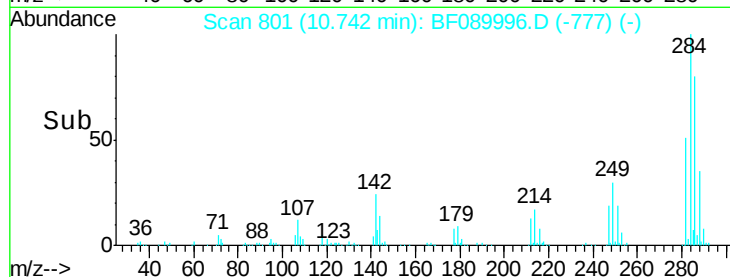
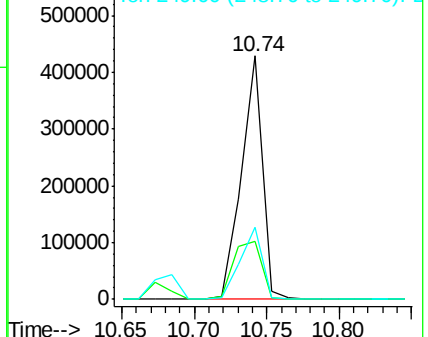
249 29.9 26.9 40.3



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

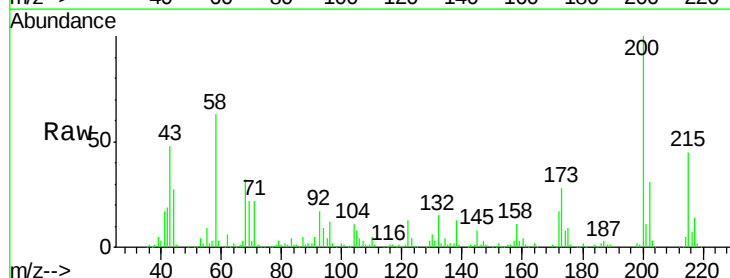
Tgt Ion:200 Resp: 344979

Ion Ratio Lower Upper

200 100

173 27.7 9.4 49.4

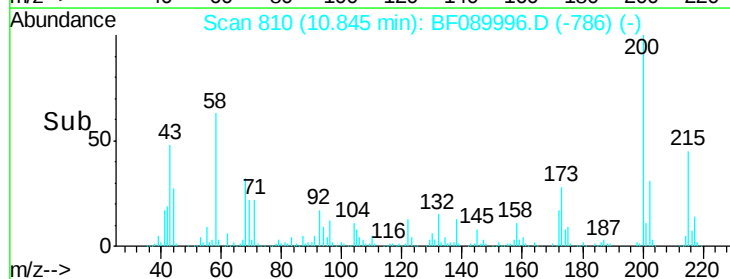
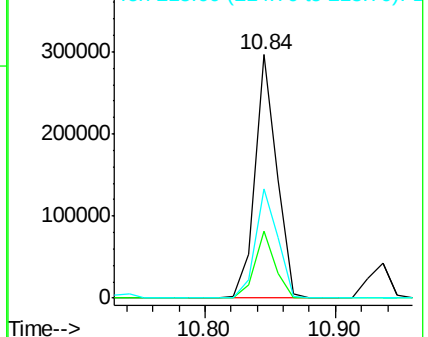
215 45.0 24.5 64.5



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 :

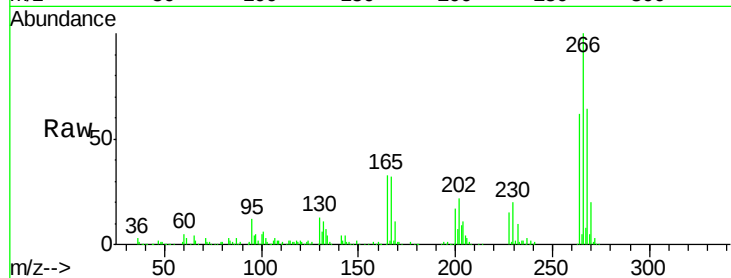
Tot Ion:266 Resp: 266021

Ion Ratio Lower Upper

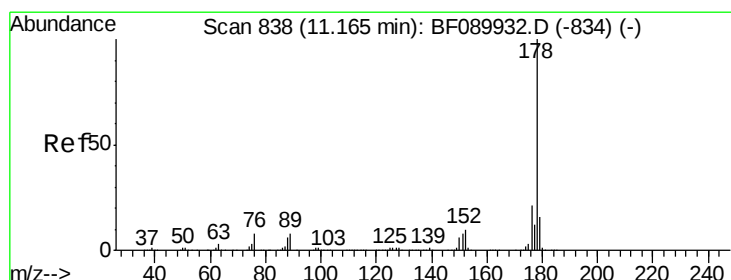
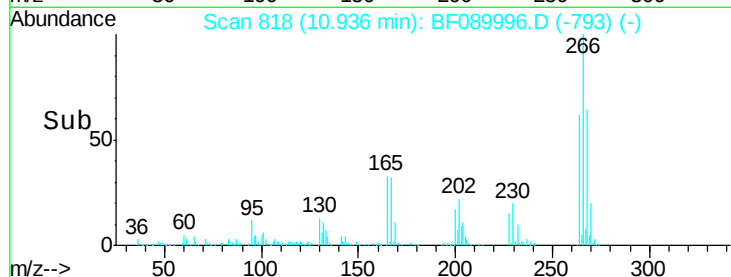
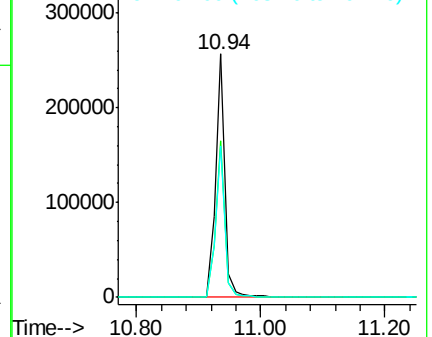
266 100

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

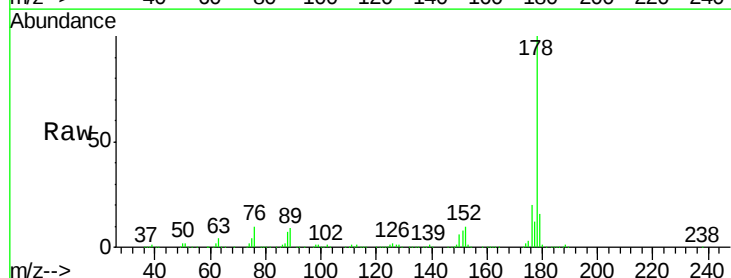
Tgt Ion:178 Resp: 1624346

Ion Ratio Lower Upper

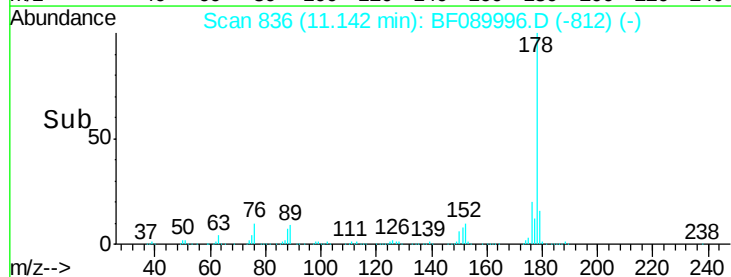
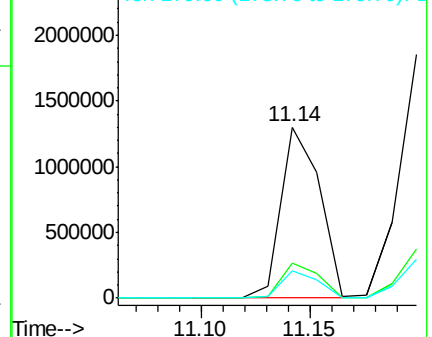
178 100

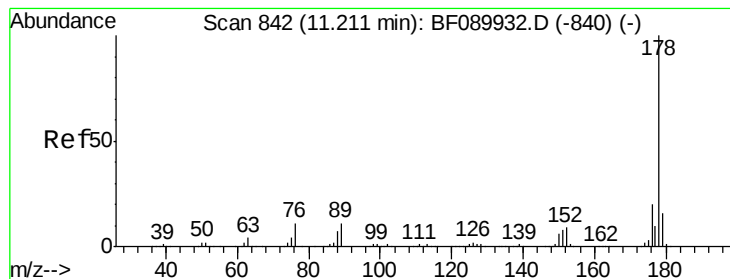
176 20.2 16.5 24.7

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 :

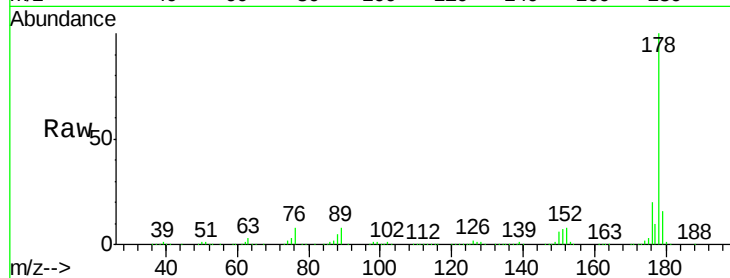
Tot Ion:178 Resp: 1756834

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

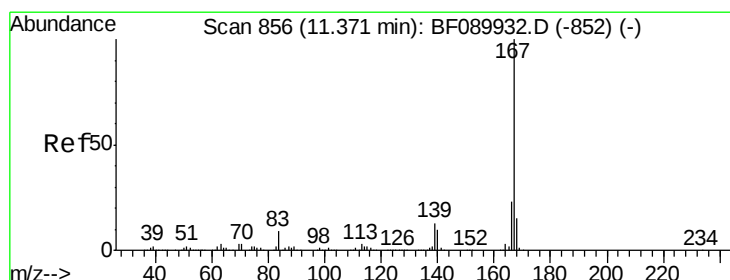
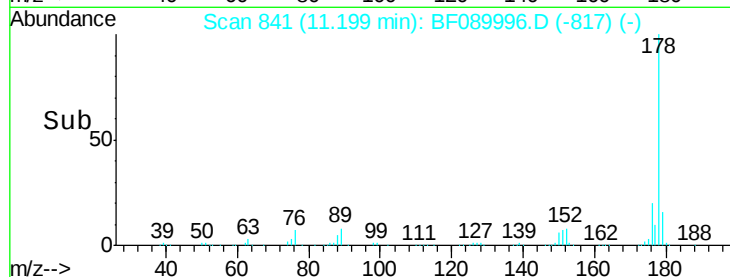
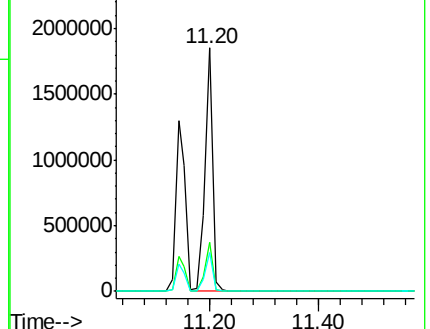
179 16.1 13.0 19.4



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

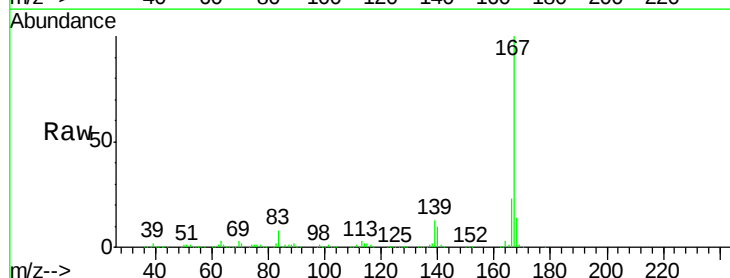
Tgt Ion:167 Resp: 1713462

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

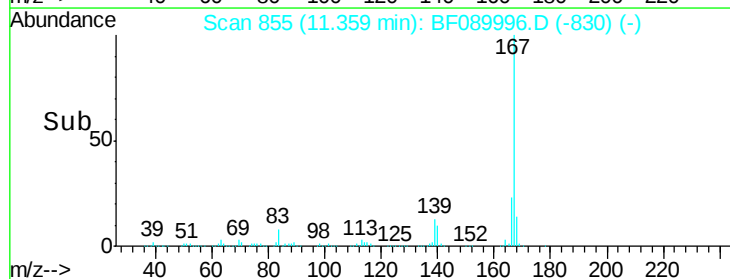
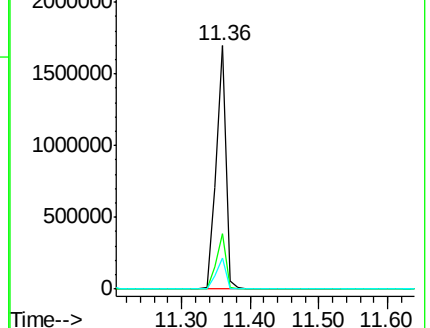
139 12.8 10.4 15.6

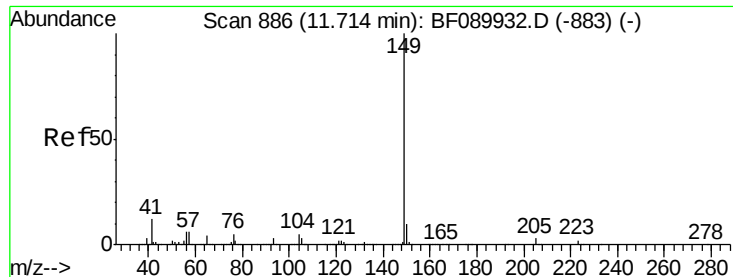


Abundance Ion 167.00 (166.70 to 167.70): E

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 :

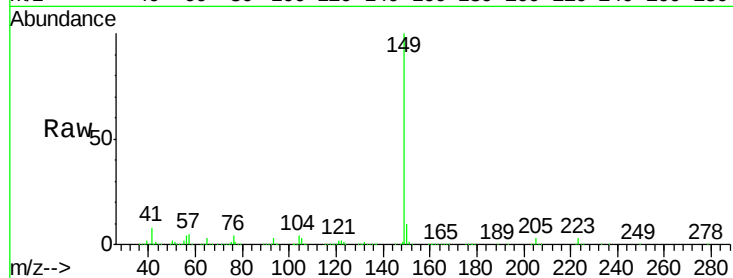
Tot Ion:149 Resp: 1904852

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

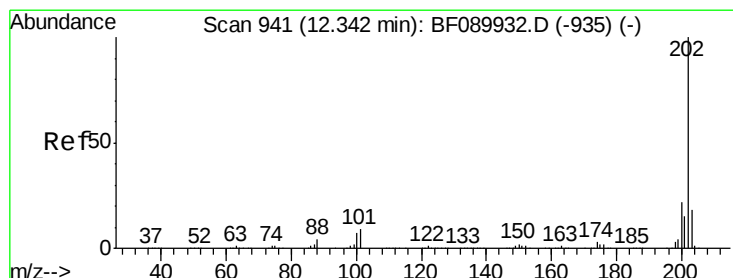
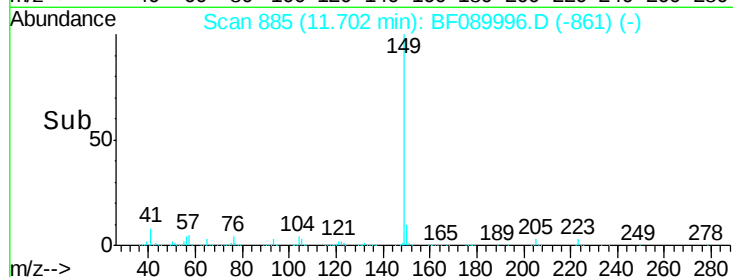
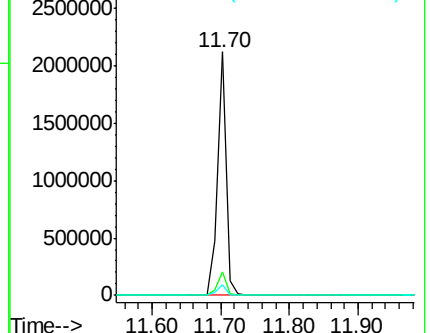
104 4.5 3.9 5.9



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

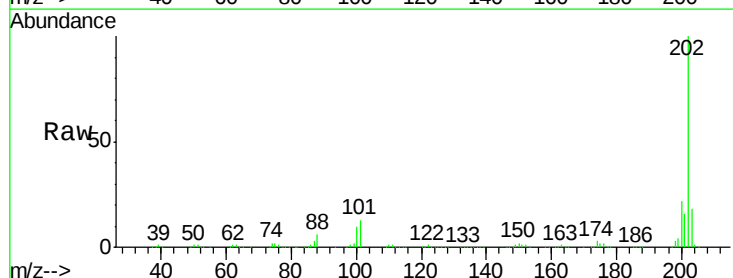
Tgt Ion:202 Resp: 1613039

Ion Ratio Lower Upper

202 100

101 13.0 0.0 28.5

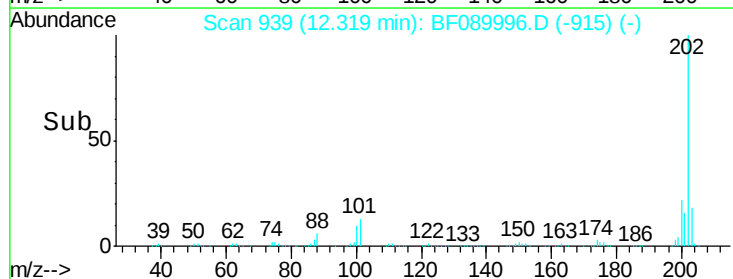
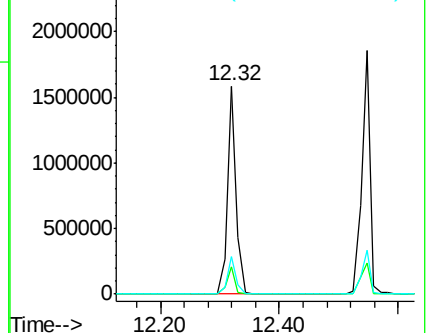
203 18.3 0.0 38.0

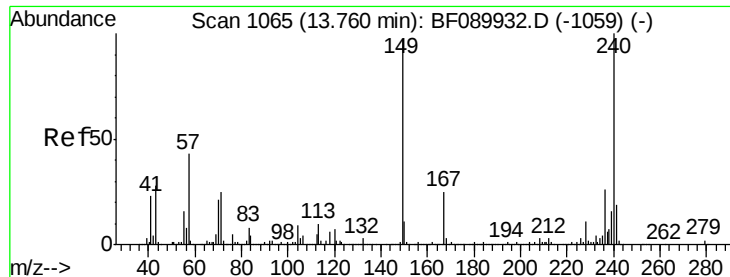


Abundance Ion 202.00 (201.70 to 202.70): E

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

ClientSampled :

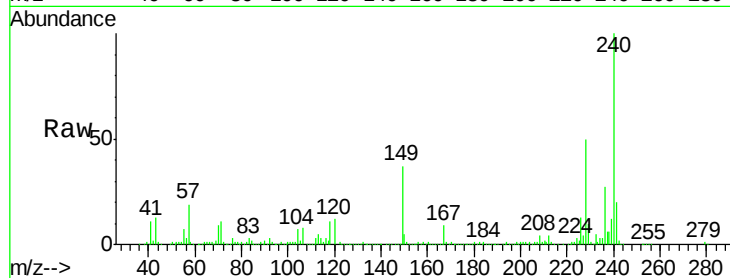
Tot Ion:240 Resp: 653913

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

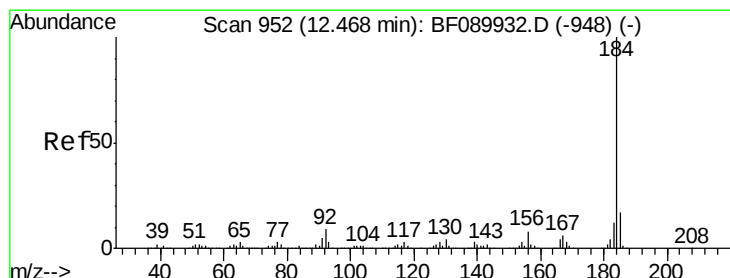
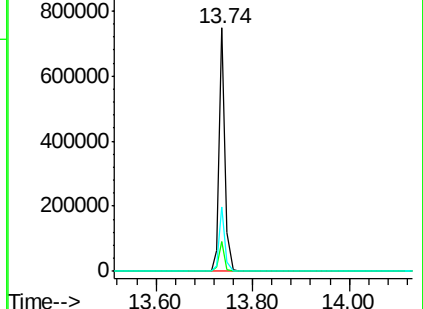
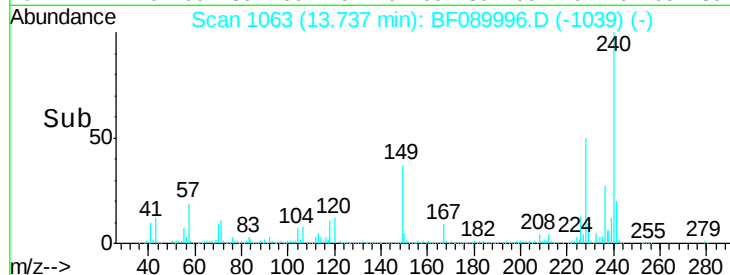
236 26.5 21.3 31.9



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

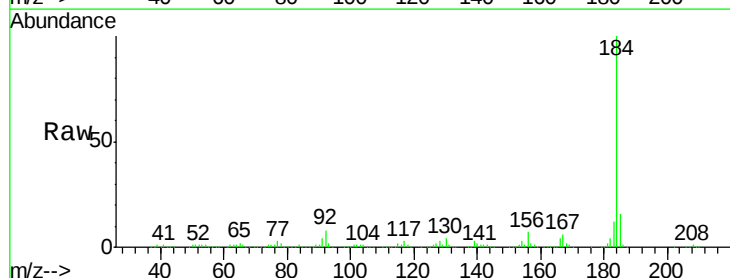
Tgt Ion:184 Resp: 1059861

Ion Ratio Lower Upper

184 100

185 15.9 13.8 20.8

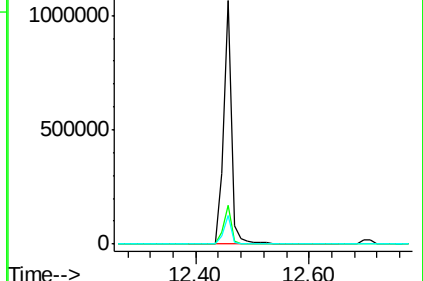
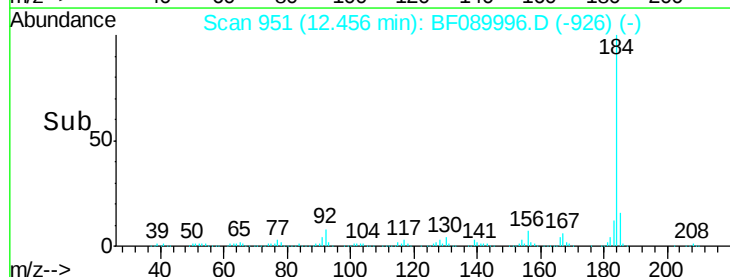
183 11.9 9.6 14.4

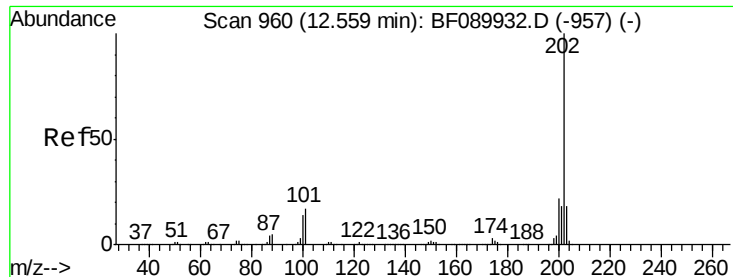


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

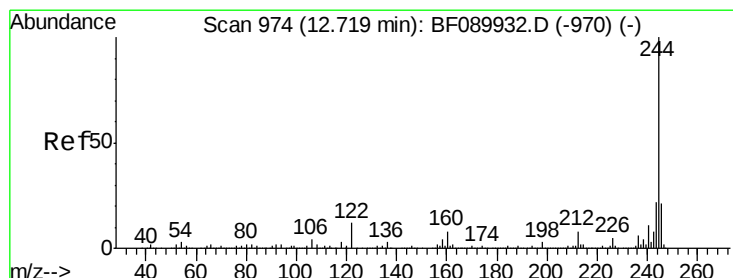
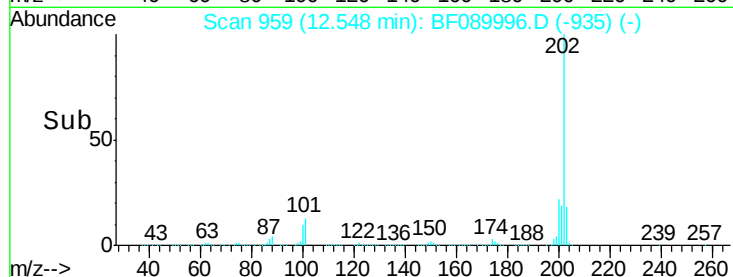
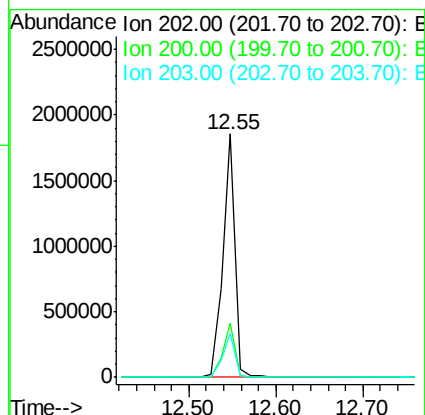
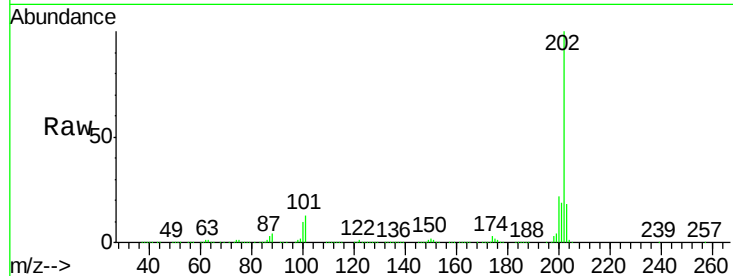




#77
Pvrene
Concen: 39.54 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

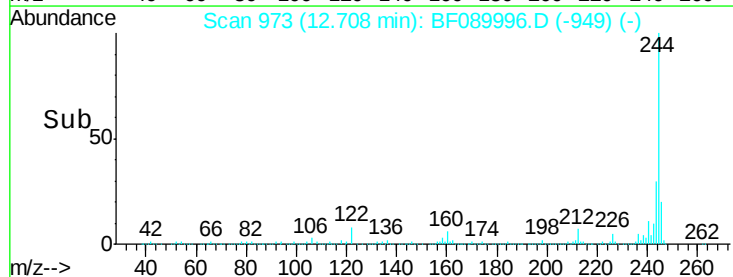
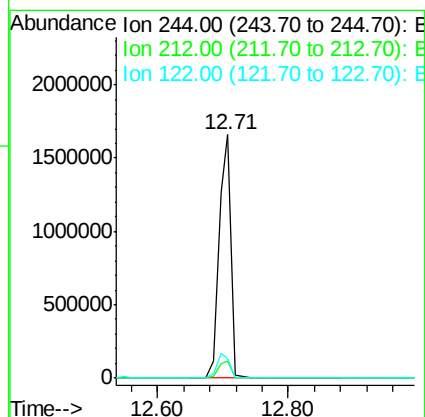
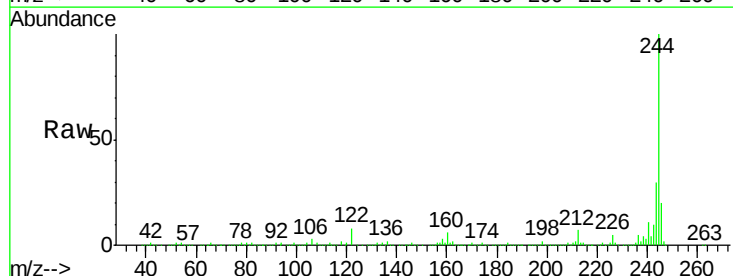
Instrument :
BNA_F
ClientSampleID :

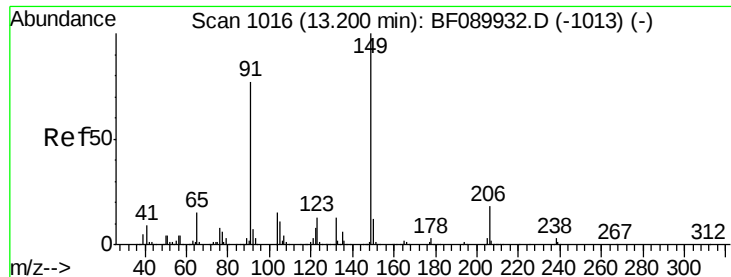
Tot Ion:202 Resp: 1823173
Ion Ratio Lower Upper
202 100
200 22.3 17.6 26.4
203 18.1 14.6 21.8



#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#

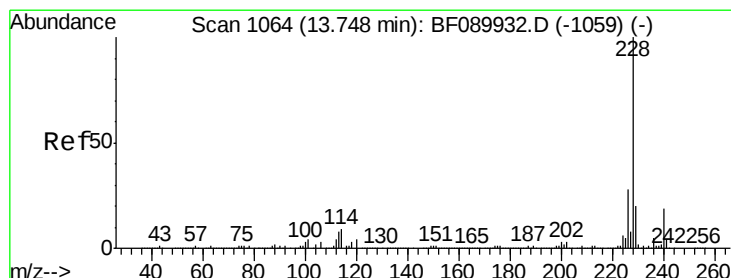
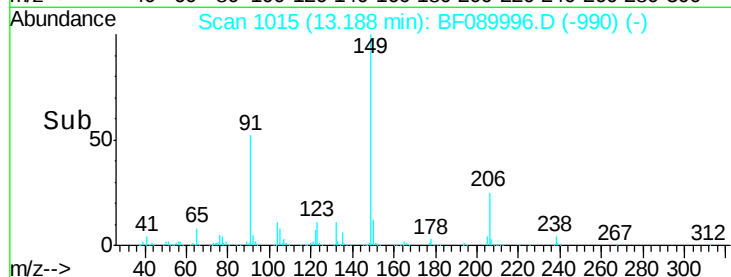
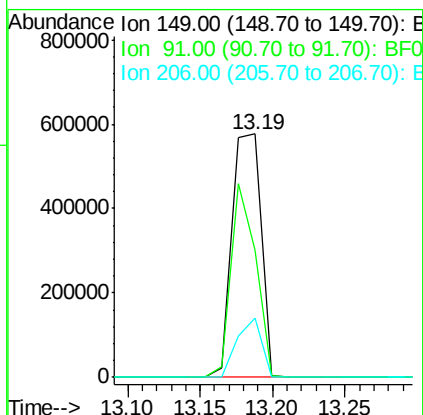
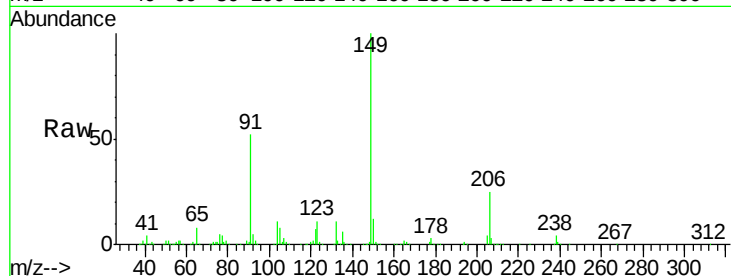




#79
Butylbenzylphthalate
Concen: 43.32 ng
RT: 13.19 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

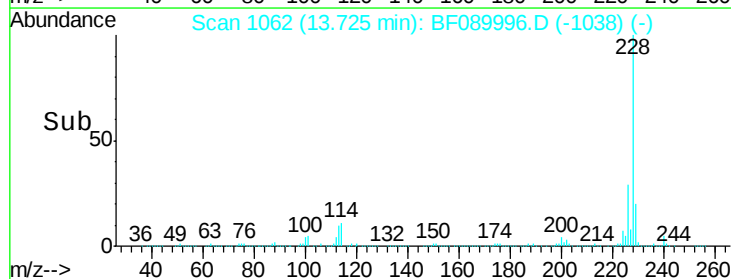
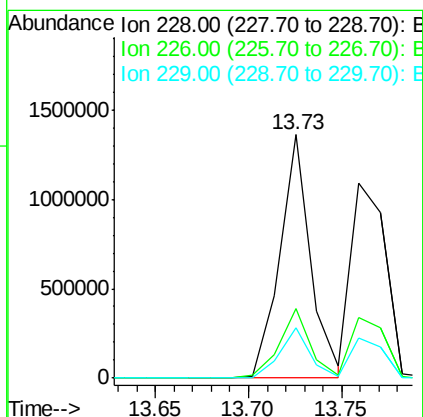
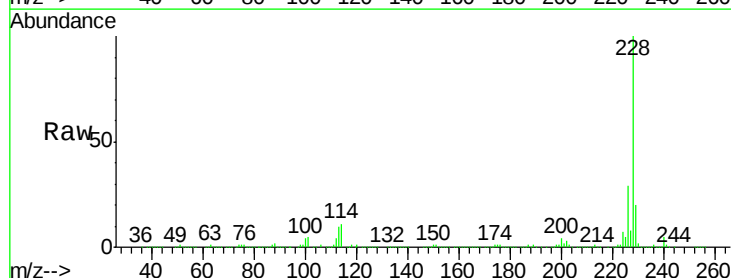
Instrument :
BNA_F
ClientSampleId :

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

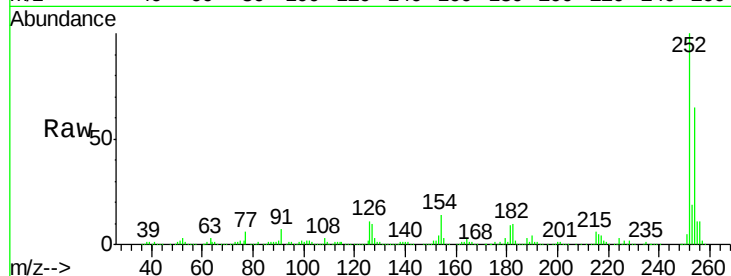




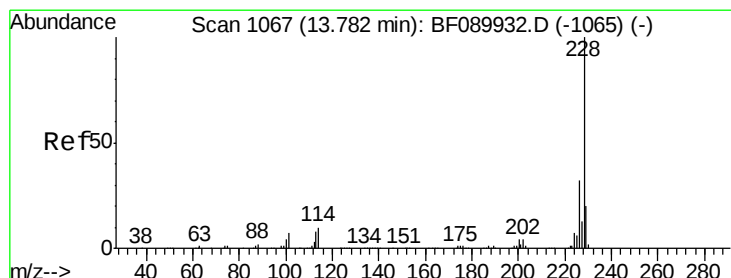
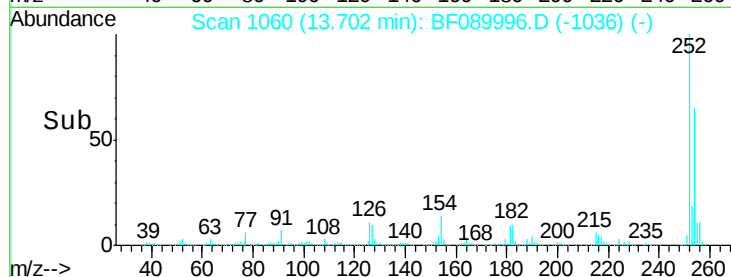
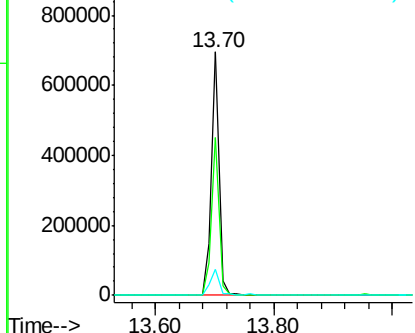
#81
 3,3'-Dichlorobenzidine
 Concen: 43.16 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Instrument :
 BNA_F
 ClientSampleID :

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#

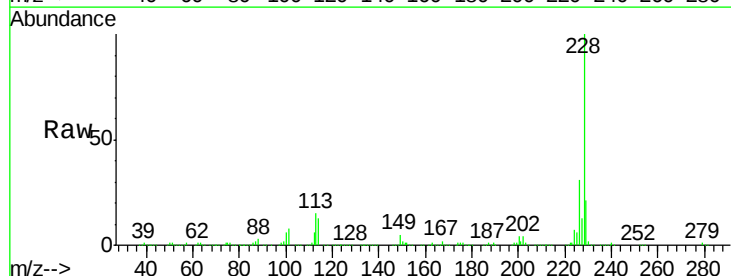


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

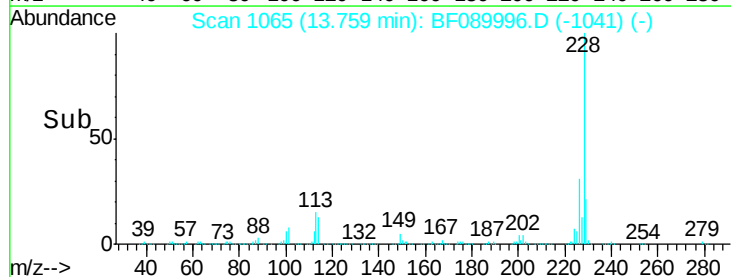
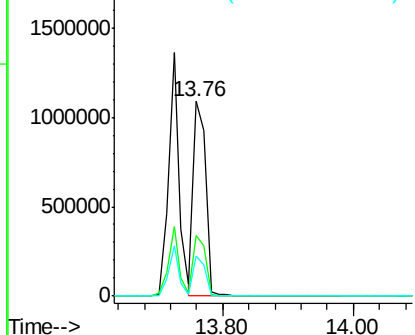


#82
 Chrysene
 Concen: 38.08 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

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



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#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 :

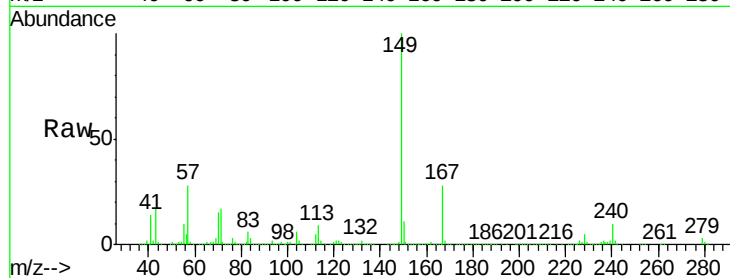
Tot Ion:149 Resp: 1047973

Ion Ratio Lower Upper

149 100

167 28.2 23.6 35.4

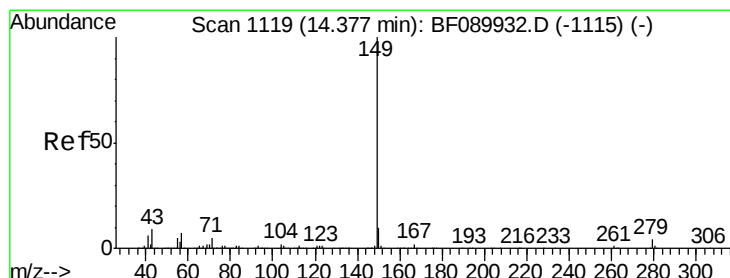
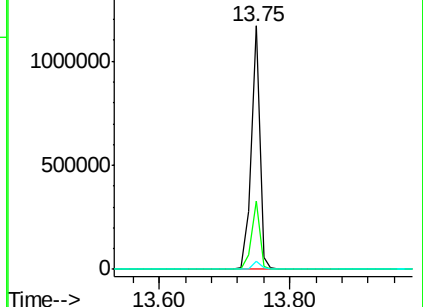
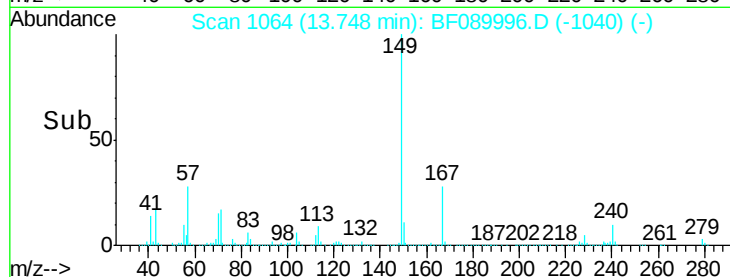
279 3.4 3.4 5.2#



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

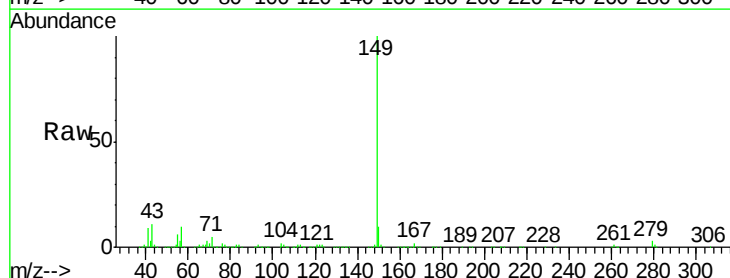
Tgt Ion:149 Resp: 1800467

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

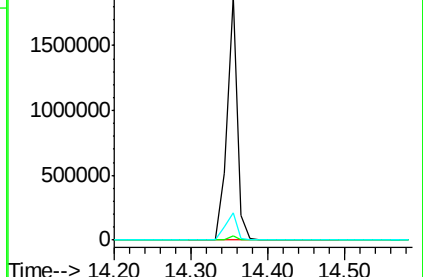
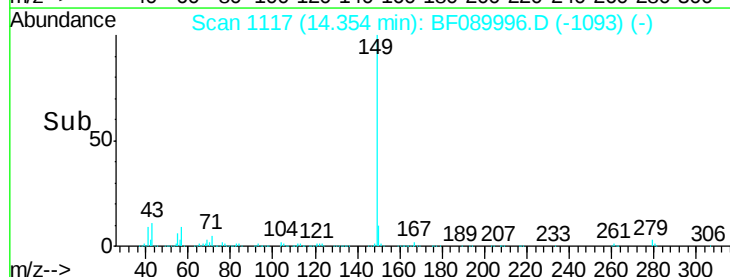
43 12.4 9.3 13.9

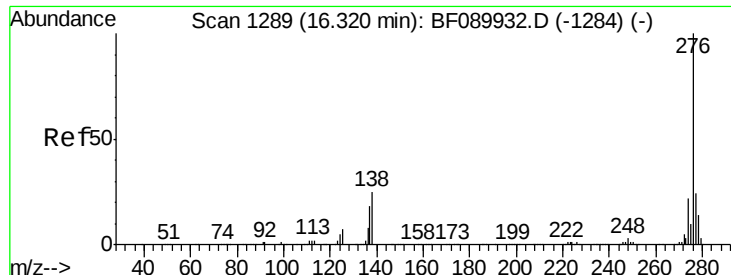


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

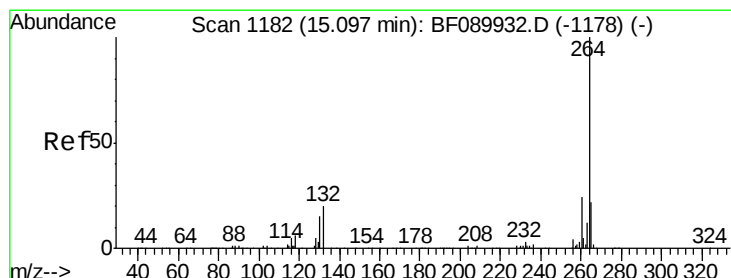
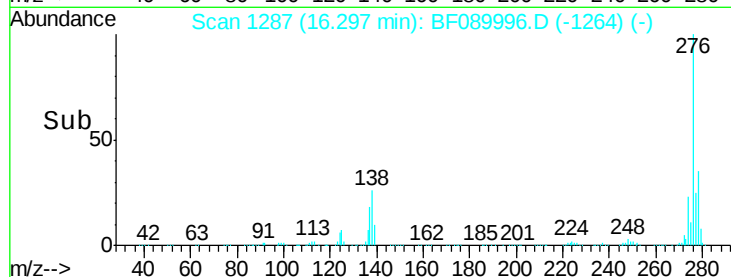
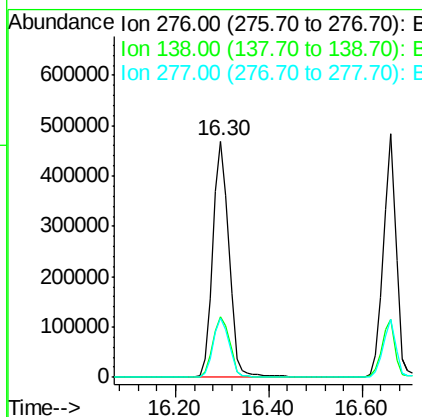
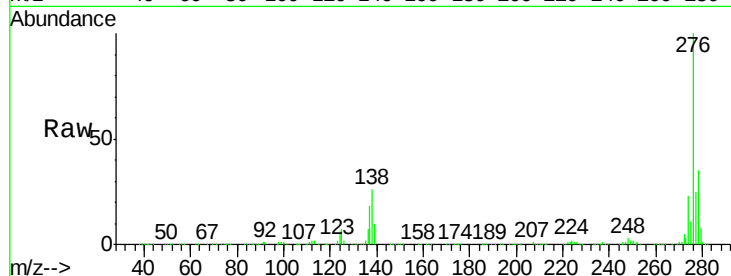




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.19 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

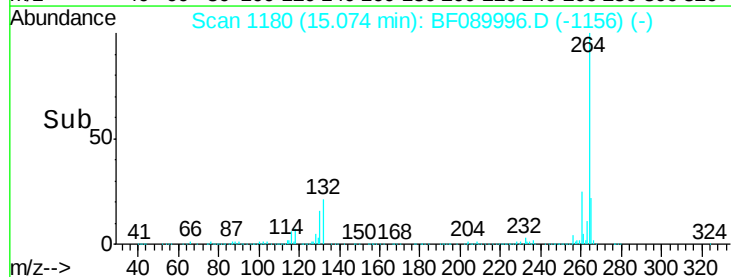
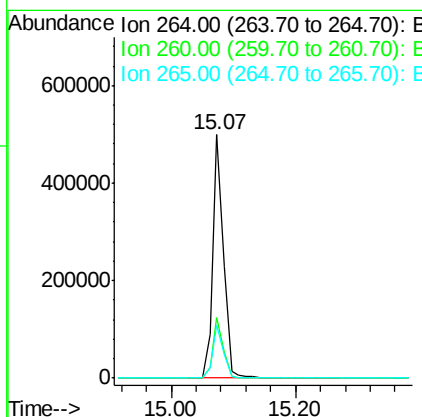
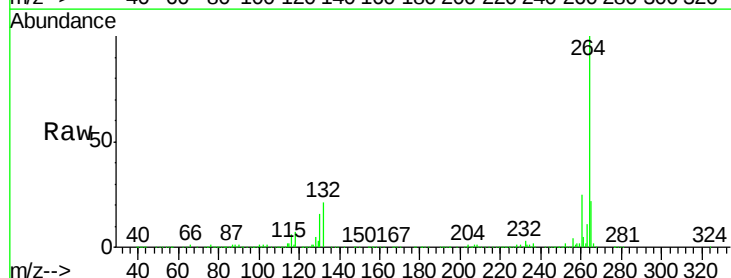
Instrument :
BNA_F
ClientSampleId :

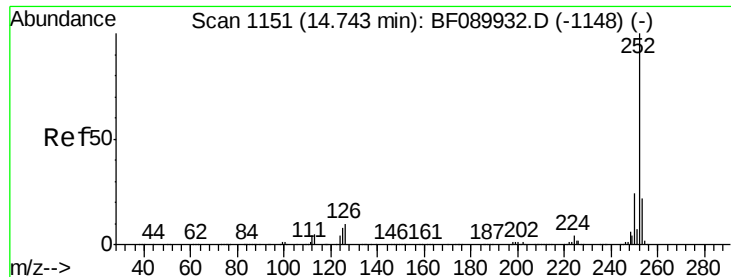
Tot Ion:276 Resp: 1139184
Ion Ratio Lower Upper
276 100
138 27.6 22.6 34.0
277 25.4 20.1 30.1



#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

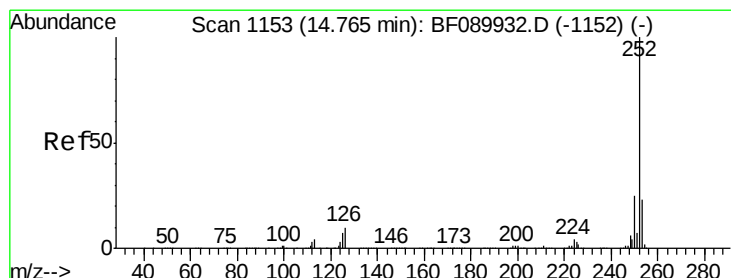
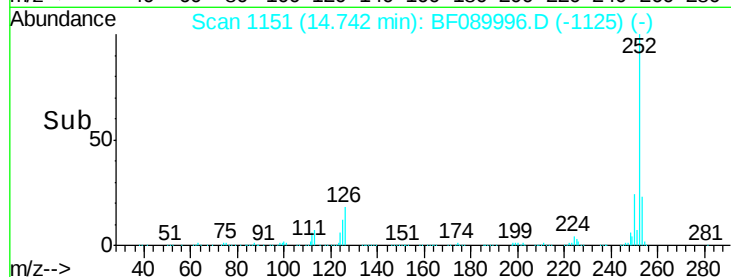
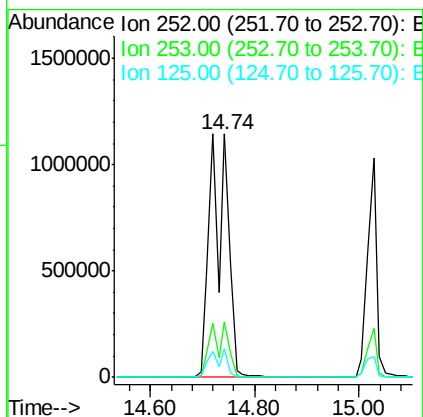
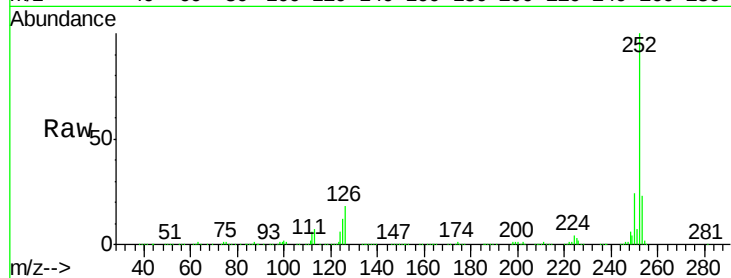




#87
Benzo(b)fluoranthene
Concen: 71.28 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

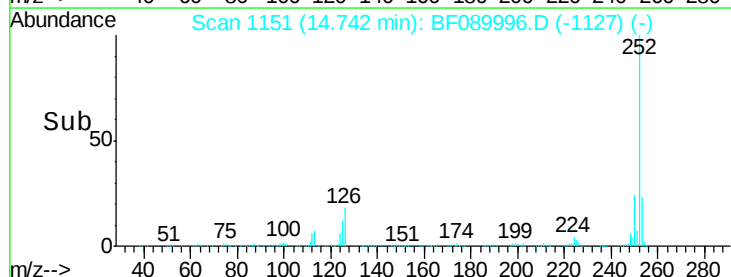
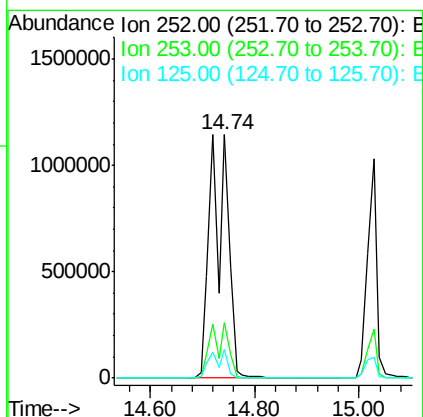
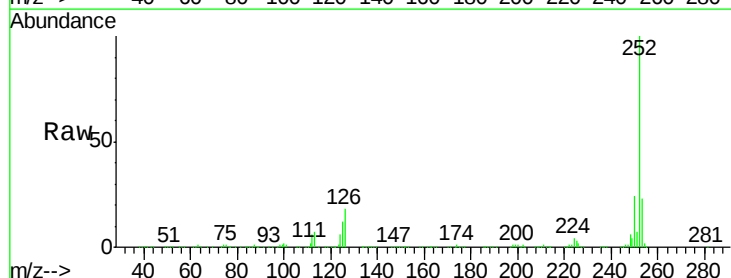
Instrument :
BNA_F
ClientSampled :

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#

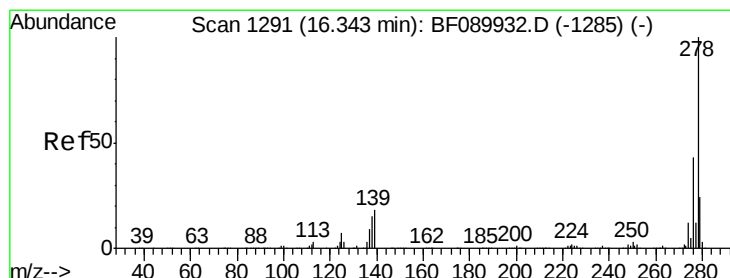
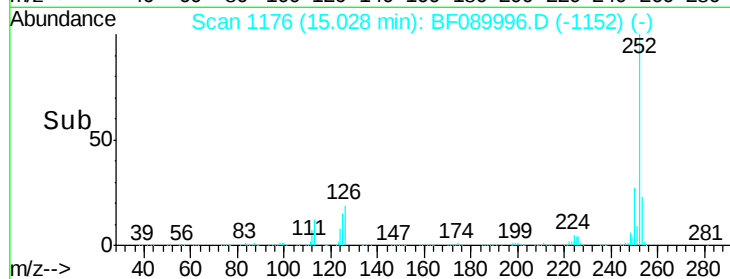
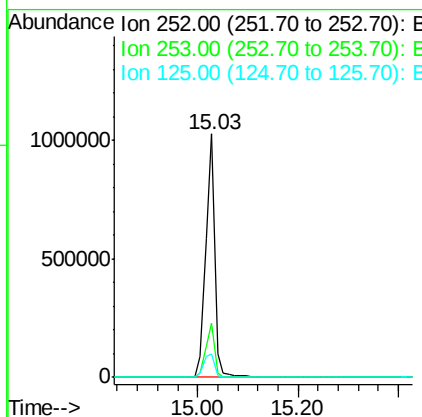
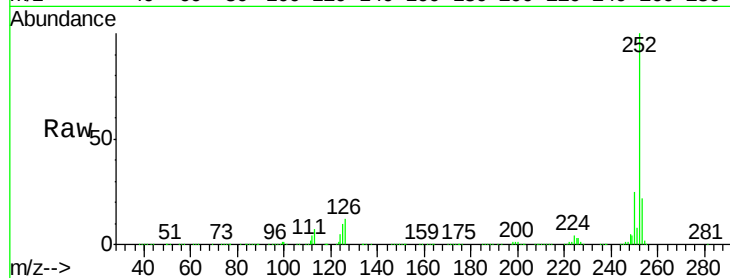




#89
Benzo(a)pyrene
Concen: 40.71 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF089996.D
Acq: 7 Sep 2016 9:12

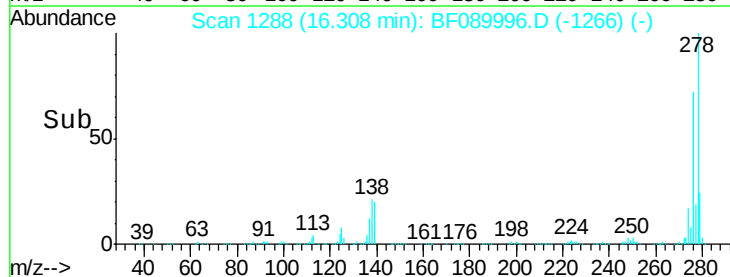
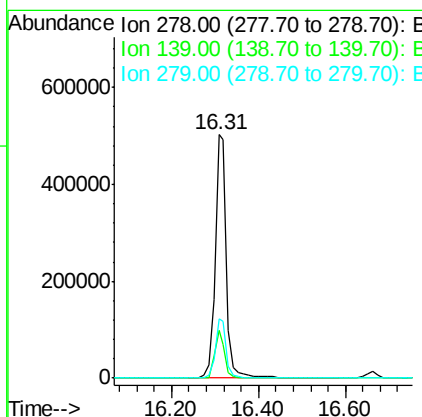
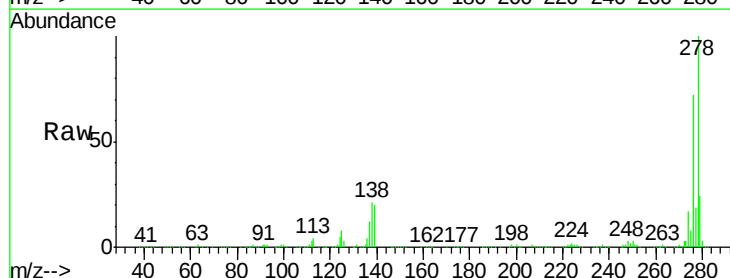
Instrument :
BNA_F
ClientSampleId :

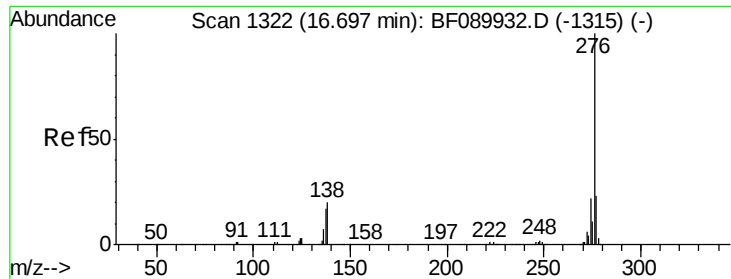
Tot Ion:252 Resp: 1279398
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.6 6.3 9.5#



#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

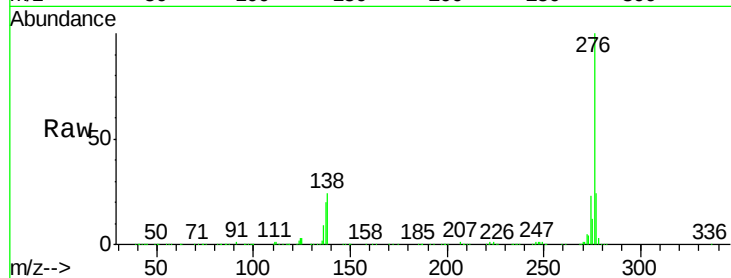




#91
 Benzo(a,h,i)perylene
 Concen: 39.97 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.05 min
 Lab File: BF089996.D
 Acq: 7 Sep 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	24.0	16.4	24.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

