

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
 Data File : BF089295.D
 Acq On : 26 Jul 2016 1:19
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 26 02:26:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	55479	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	234522	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	101764	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	166333	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	106572	20.00	ng	0.00
86) Perylene-d12	15.03	264	98547	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	281965	77.30	ng	-0.01
7) Phenol-d6	6.23	99	364236	77.43	ng	0.00
23) Nitrobenzene-d5	7.14	82	344413	78.03	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	64251	70.13	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	627729	84.99	ng	0.00
78) Terphenyl-d14	12.65	244	413467	84.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.96	88	64153	40.50	ng	96
3) Pyridine	2.57	79	158727	39.45	ng	99
4) n-Nitrosodimethylamine	2.55	42	58689	34.65	ng	98
6) Aniline	6.23	93	234022	36.82	ng	98
8) 2-Chlorophenol	6.35	128	162705	40.19	ng	98
9) Benzaldehyde	6.10	77	86348	33.48	ng	91
10) Phenol	6.24	94	226912	41.87	ng	91
11) bis(2-Chloroethyl)ether	6.31	93	161997	39.80	ng	91
12) 1,3-Dichlorobenzene	6.50	146	173313m	38.77	ng	
13) 1,4-Dichlorobenzene	6.58	146	188947	41.97	ng	96
14) 1,2-Dichlorobenzene	6.73	146	162286	38.23	ng	93
15) Benzyl Alcohol	6.72	79	122177	35.47	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	179672	38.74	ng	# 62
17) 2-Methylphenol	6.84	107	113740	35.67	ng	99
18) Hexachloroethane	7.07	117	65967	38.98	ng	# 88
19) n-Nitroso-di-n-propylamine	7.00	70	116846	37.98	ng	97
20) 3+4-Methylphenols	7.00	107	155703	35.97	ng	89
22) Acetophenone	6.99	105	240114	38.34	ng	# 96
24) Nitrobenzene	7.16	77	164342	35.30	ng	98
25) Isophorone	7.40	82	308407	37.91	ng	99
26) 2-Nitrophenol	7.47	139	78883	36.33	ng	91
27) 2,4-Dimethylphenol	7.53	122	136920	37.43	ng	96
28) bis(2-Chloroethoxy)methane	7.62	93	210837	41.44	ng	100
29) 2,4-Dichlorophenol	7.72	162	128241	38.90	ng	96
30) 1,2,4-Trichlorobenzene	7.79	180	136931	37.52	ng	# 96
31) Naphthalene	7.87	128	476685	37.66	ng	100
32) Benzoic acid	7.69	122	84225	29.94	ng	94
33) 4-Chloroaniline	7.93	127	195111	36.66	ng	# 87
34) Hexachlorobutadiene	8.00	225	76777	37.80	ng	99
35) Caprolactam	8.32	113	35802	34.97	ng	98
36) 4-Chloro-3-methylphenol	8.43	107	146584	36.90	ng	89
37) 2-Methylnaphthalene	8.56	142	267584	33.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	152821	40.40	ng	98
40) Hexachlorocyclopentadiene	8.72	237	10694	16.01	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	79057	37.34	nq	95
43) 2,4,5-Trichlorophenol	8.89	196	86492	40.70	nq #	85
45) 1,1'-Biphenyl	9.03	154	370720	40.45	nq	99
46) 2-Chloronaphthalene	9.05	162	291073	41.80	nq	97
47) 2-Nitroaniline	9.15	65	93914	39.31	nq	98
48) Acenaphthylene	9.46	152	432685	39.52	nq	98
49) Dimethylphthalate	9.34	163	300520	38.48	nq	99
50) 2,6-Dinitrotoluene	9.40	165	65397	37.09	nq	89
51) Acenaphthene	9.63	154	255456	39.44	nq	99
52) 3-Nitroaniline	9.56	138	80512	38.45	nq #	71
53) 2,4-Dinitrophenol	9.69	184	8868	17.34	nq #	81
54) Dibenzofuran	9.80	168	338418	38.67	nq	94
55) 4-Nitrophenol	9.75	139	35965m	28.39	nq	
56) 2,4-Dinitrotoluene	9.80	165	84826	37.35	nq #	83
57) Fluorene	10.14	166	263612	35.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	56011m	36.70	nq	
59) Diethylphthalate	10.03	149	328994	42.49	nq	98
60) 4-Chlorophenyl-phenylether	10.14	204	127903	37.71	nq #	75
61) 4-Nitroaniline	10.18	138	78160	38.37	nq	94
62) Azobenzene	10.30	77	334366	39.73	nq	95
64) 4,6-Dinitro-2-methylphenol	10.22	198	20565	21.24	nq	94
65) n-Nitrosodiphenylamine	10.26	169	260374	46.84	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	71690	43.55	nq #	80
67) Hexachlorobenzene	10.68	284	73465	41.50	nq #	73
68) Atrazine	10.79	200	69604	40.04	nq	97
69) Pentachlorophenol	10.88	266	30386	37.20	nq	99
70) Phenanthrene	11.10	178	359847	39.44	nq	99
71) Anthracene	11.14	178	397621	41.93	nq	99
72) Carbazole	11.30	167	328568	39.44	nq	99
73) Di-n-butylphthalate	11.65	149	468445	45.46	nq	99
74) Fluoranthene	12.27	202	340486	35.50	nq	93
76) Benzidine	12.41	184	161852	44.17	nq	99
77) Pyrene	12.49	202	334775	38.04	nq	99
79) Butylbenzylphthalate	13.13	149	162316	43.60	nq #	81
80) Benzo(a)anthracene	13.68	228	252972	37.27	nq	99
81) 3,3'-Dichlorobenzidine	13.65	252	97178	43.16	nq #	98
82) Chrysene	13.71	228	274254	42.30	nq	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	222029	44.96	nq #	96
84) Di-n-octyl phthalate	14.30	149	354312	43.48	nq	99
85) Indeno(1,2,3-cd)pyrene	16.24	276	214056	45.46	nq	99
87) Benzo(b)fluoranthene	14.67	252	247670m	34.70	nq	
88) Benzo(k)fluoranthene	14.70	252	227409m	44.55	nq	
89) Benzo(a)pyrene	14.97	252	225636	40.72	nq	100
90) Dibenzo(a,h)anthracene	16.25	278	190427	43.53	nq	98
91) Benzo(g,h,i)perylene	16.59	276	179370	40.66	nq	96

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

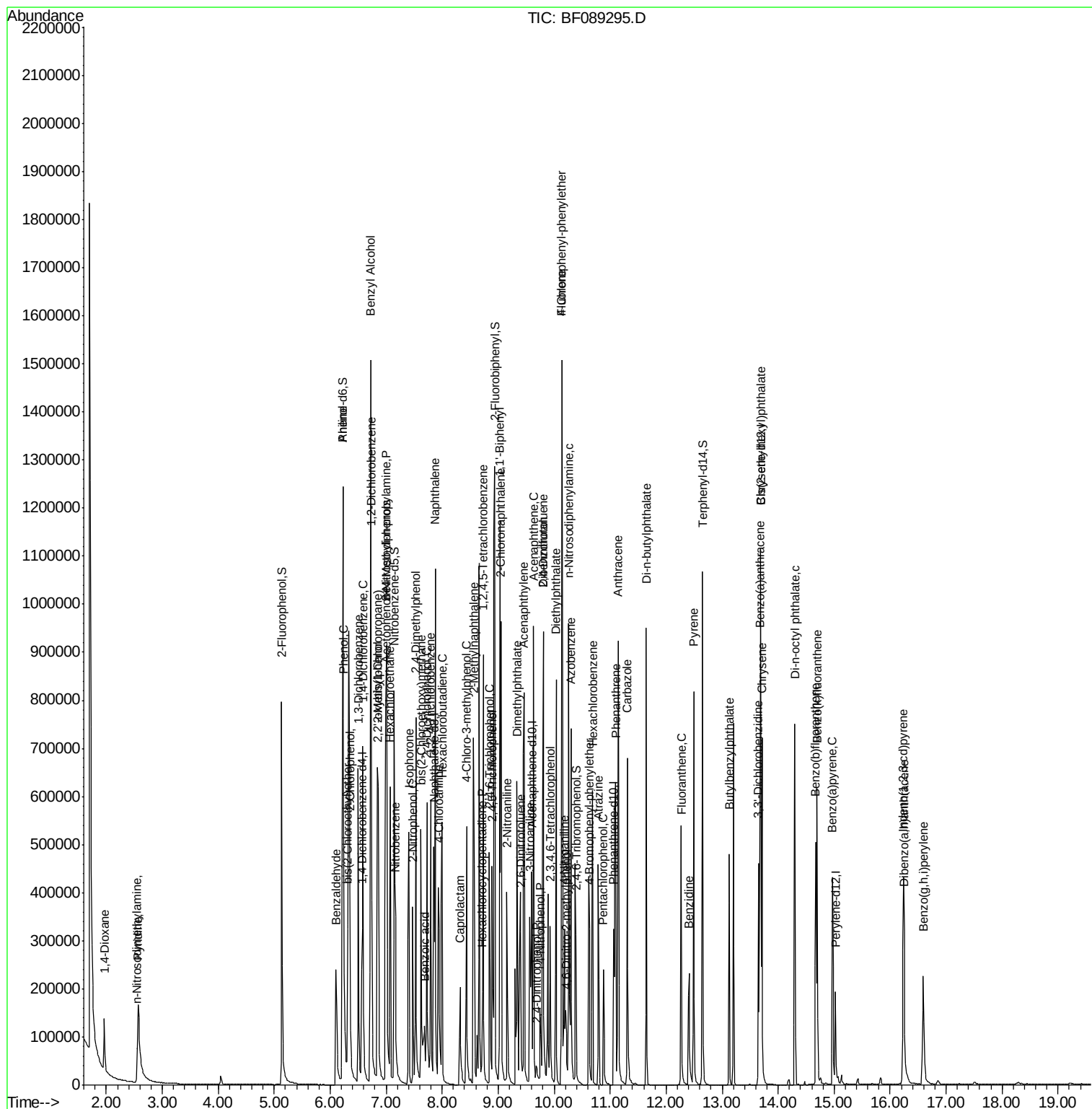
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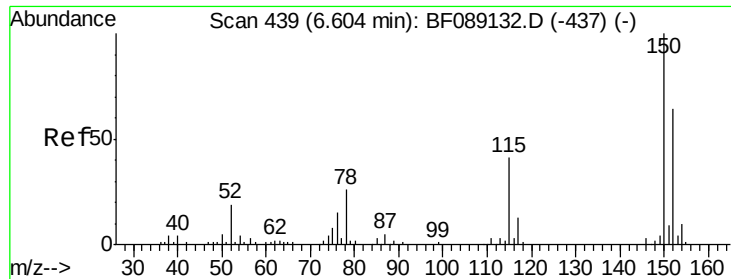
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072516\
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ALS Vial   : 2    Sample Multiplier: 1

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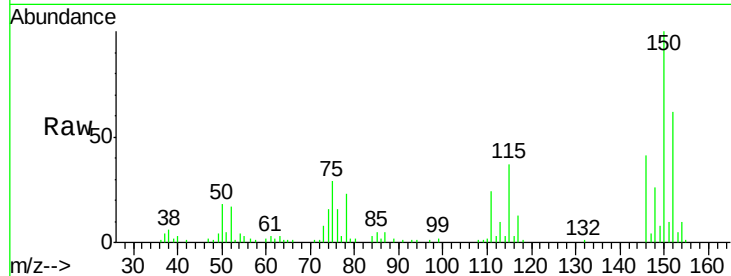


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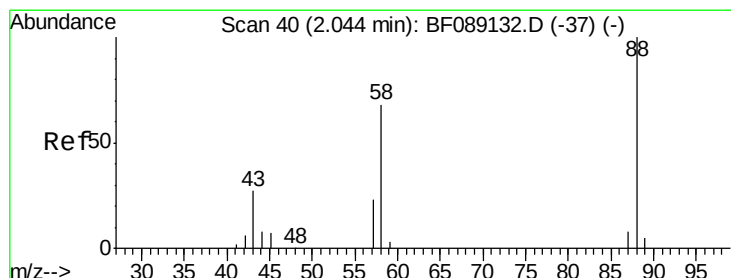
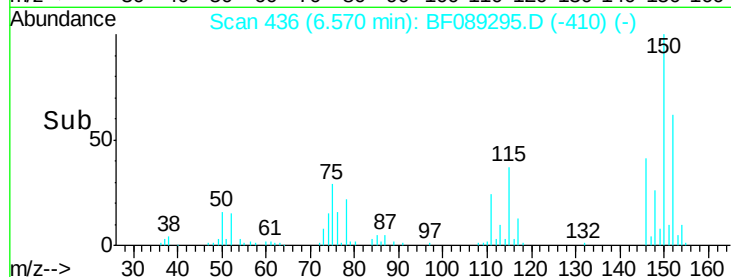
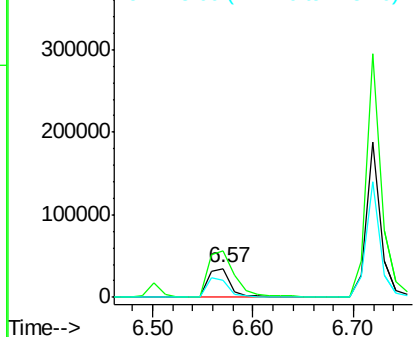
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 55479
Ion Ratio Lower Upper
152 100
150 160.7 125.1 187.7
115 59.3 51.1 76.7



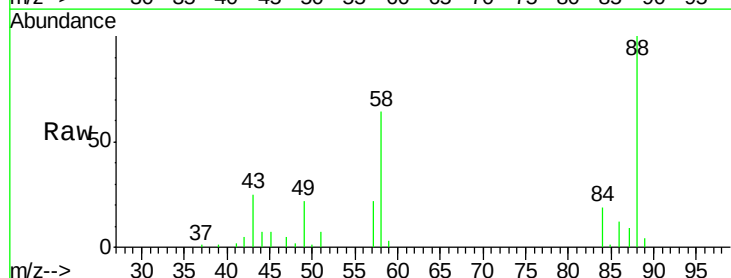
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



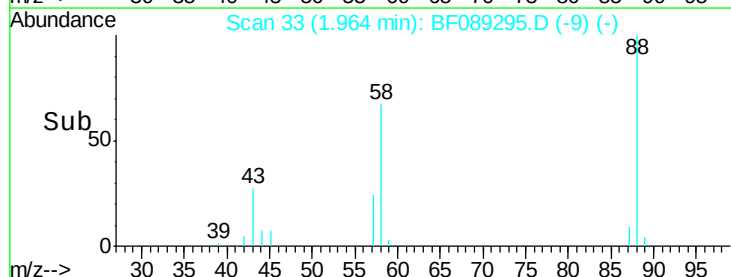
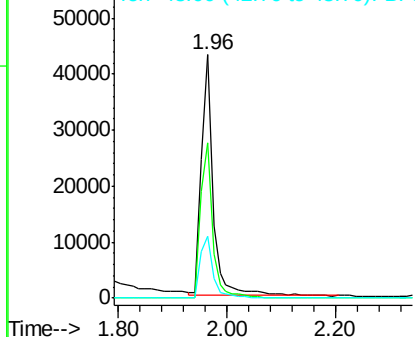
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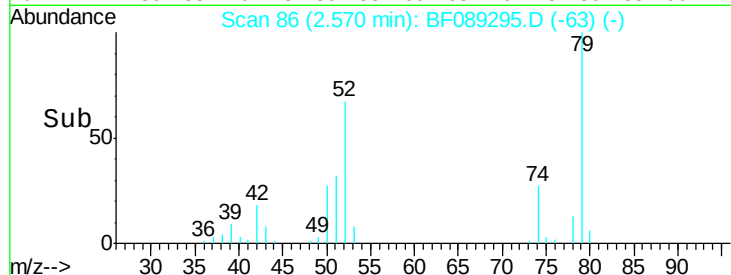
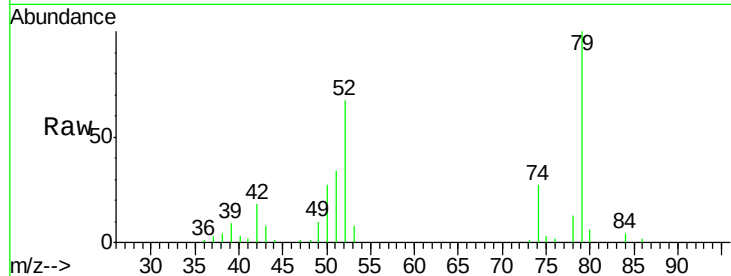
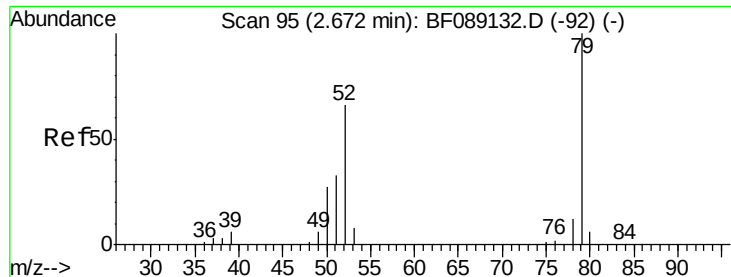
1,4-Dioxane
Concen: 40.50 ng
RT: 1.96 min Scan# 33
Delta R.T. -0.02 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Tgt Ion: 88 Resp: 64153
Ion Ratio Lower Upper
88 100
58 65.4 49.2 73.8
43 27.1 20.6 30.8



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



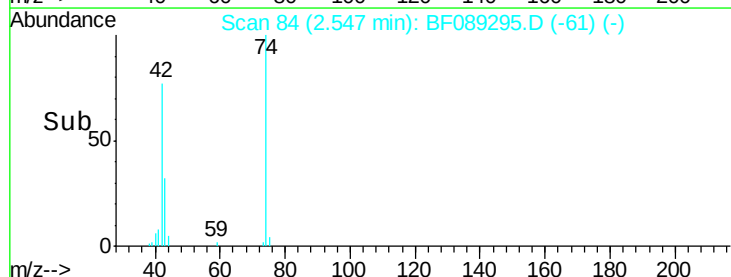
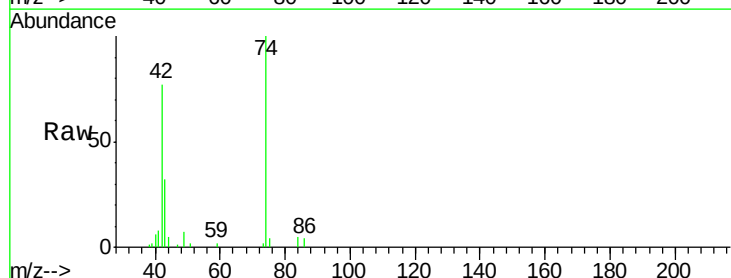
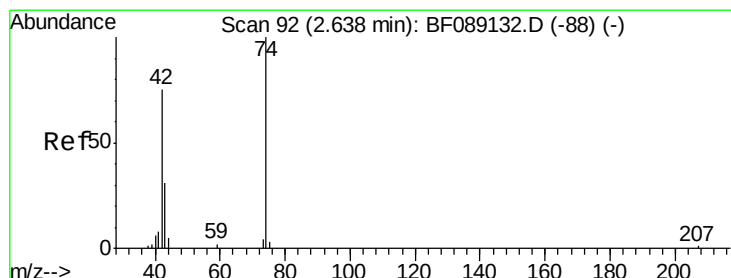
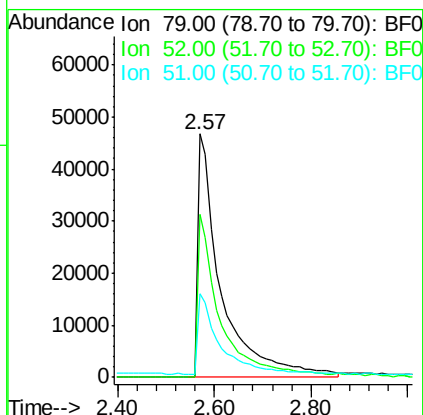


#3
 Pvridine
 Concen: 39.45 ng
 RT: 2.57 min Scan# 86
 Delta R.T. -0.03 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 158727

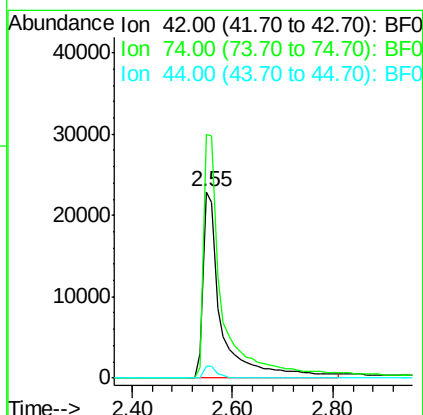
Ion	Ratio	Lower	Upper
79	100		
52	66.8	52.9	79.3
51	34.4	27.0	40.6

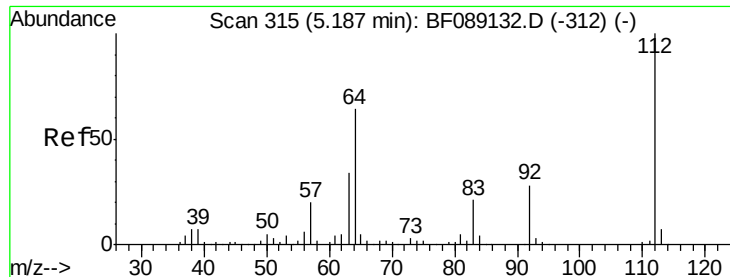


#4
 n-Nitrosodimethylamine
 Concen: 34.65 ng
 RT: 2.55 min Scan# 84
 Delta R.T. -0.03 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion: 42 Resp: 58689

Ion	Ratio	Lower	Upper
42	100		
74	130.6	106.4	159.6
44	6.7	5.2	7.8





#5

2-Fluorophenol

Concen: 77.30 ng

RT: 5.13 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

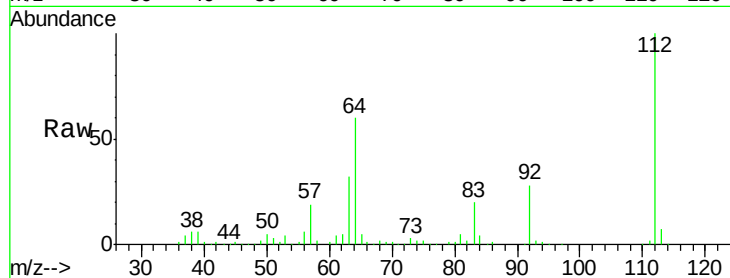
Tot Ion: 112 Resp: 281965

Ion Ratio Lower Upper

112 100

64 60.5 51.0 76.4

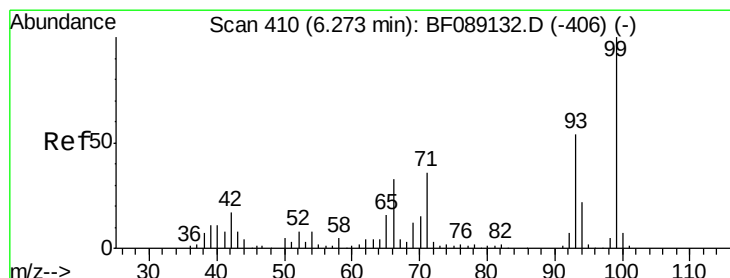
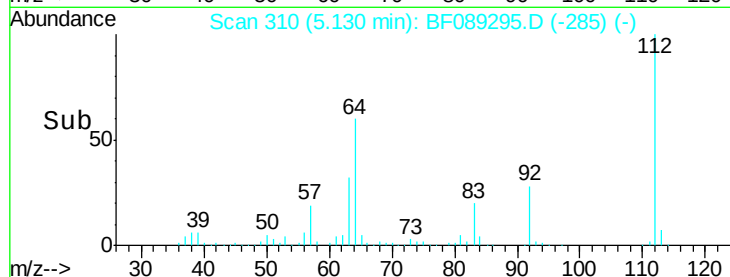
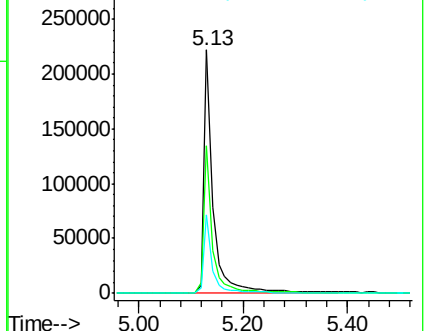
63 32.5 27.3 40.9



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: 36.82 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

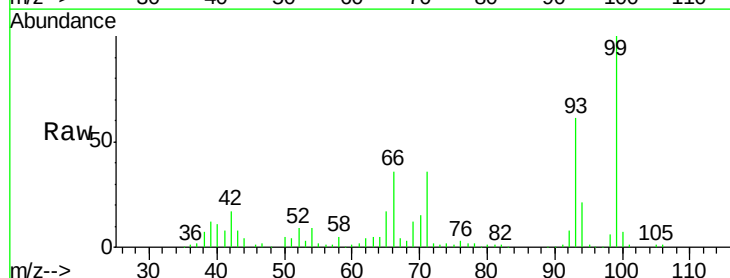
Tgt Ion: 93 Resp: 234022

Ion Ratio Lower Upper

93 100

66 59.2 48.9 73.3

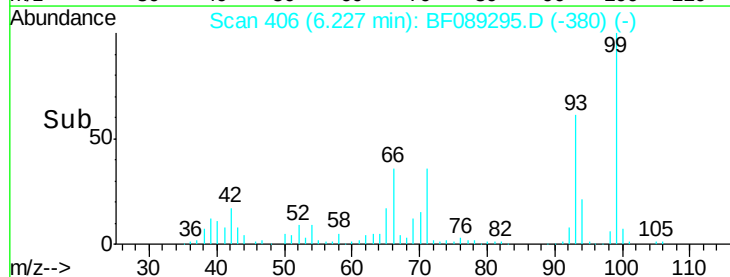
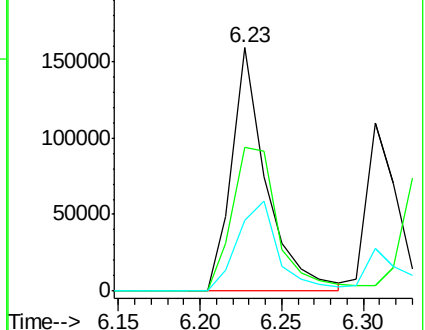
65 28.9 23.9 35.9

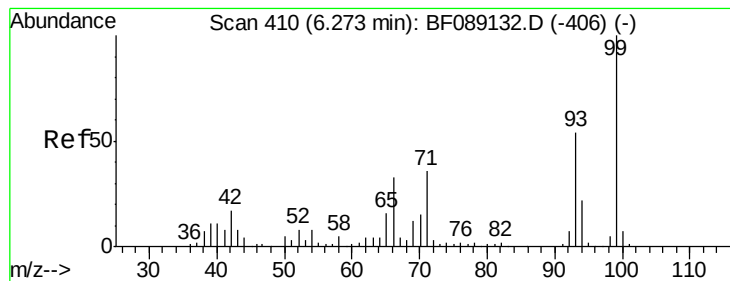


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.43 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

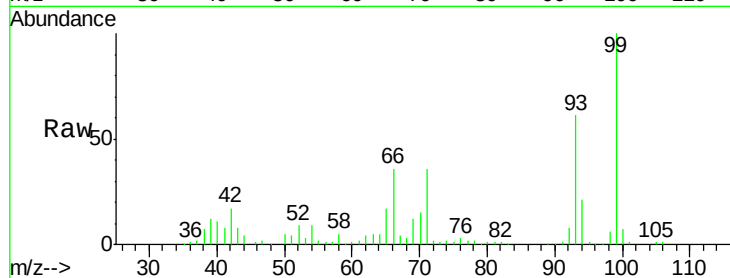
Tot Ion: 99 Resp: 364236

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

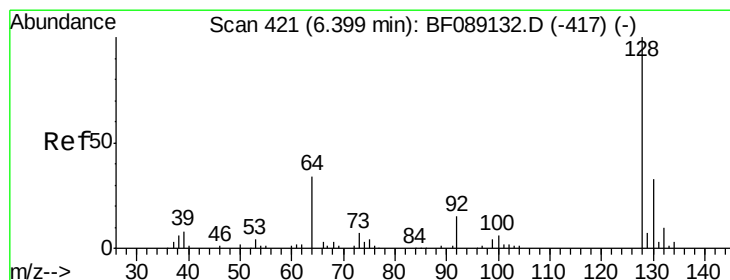
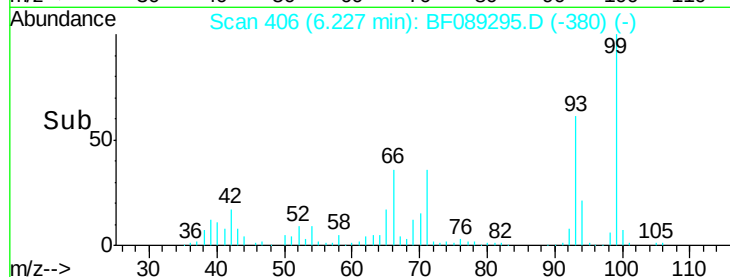
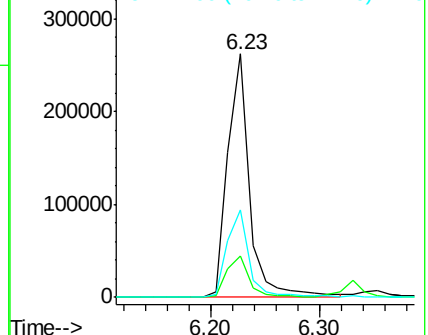
71 36.1 28.9 43.3



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: 40.19 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

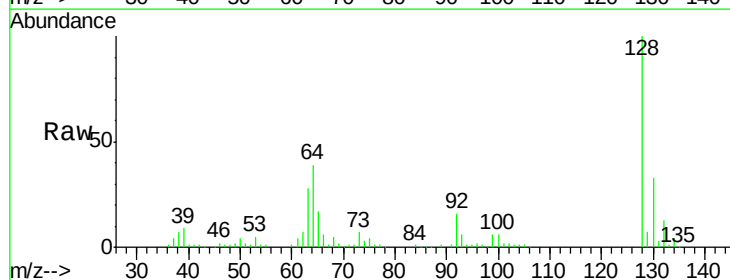
Tgt Ion: 128 Resp: 162705

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

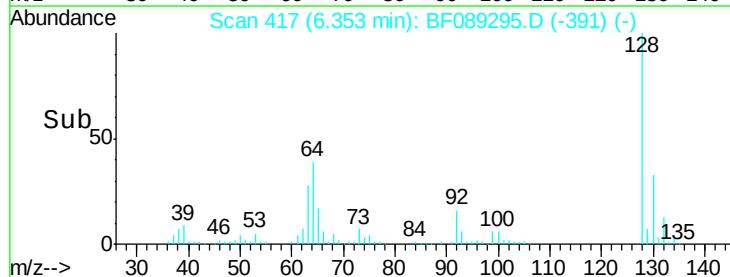
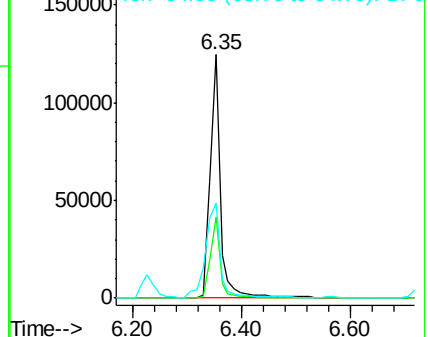
64 38.9 17.5 57.5

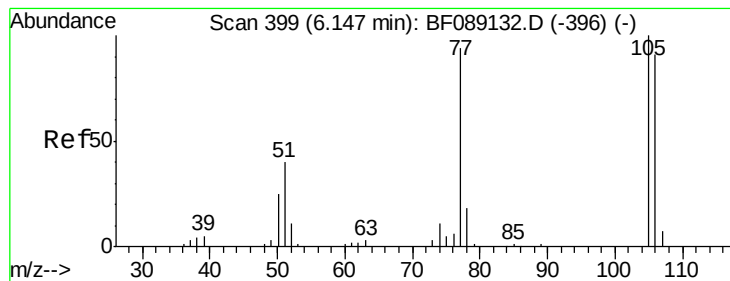


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.48 ng

RT: 6.10 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

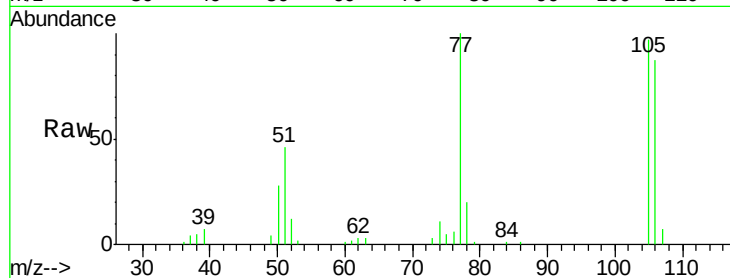
Tot Ion: 77 Resp: 86348

Ion Ratio Lower Upper

77 100

105 96.6 86.2 126.2

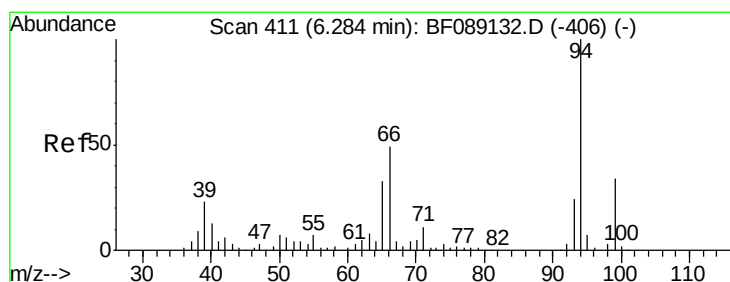
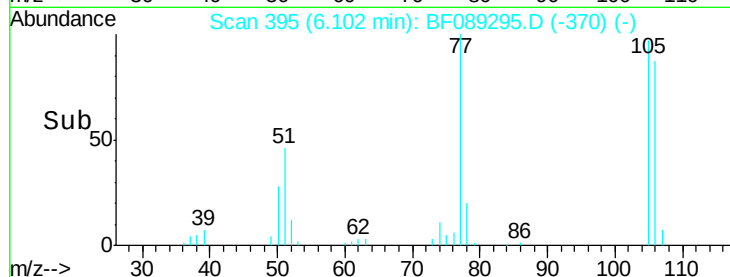
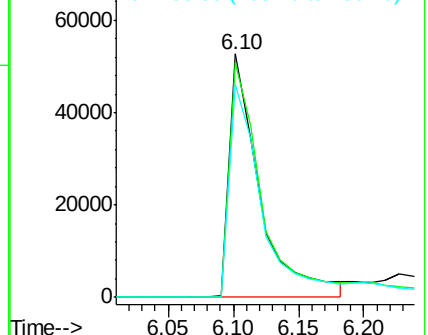
106 87.4 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.87 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

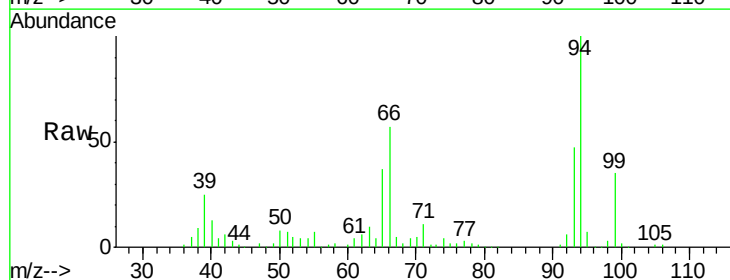
Tgt Ion: 94 Resp: 226912

Ion Ratio Lower Upper

94 100

65 36.5 13.3 53.3

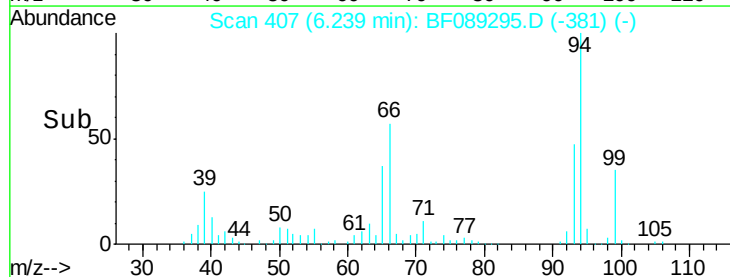
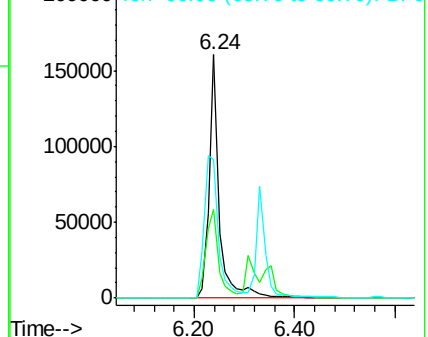
66 56.9 29.3 69.3

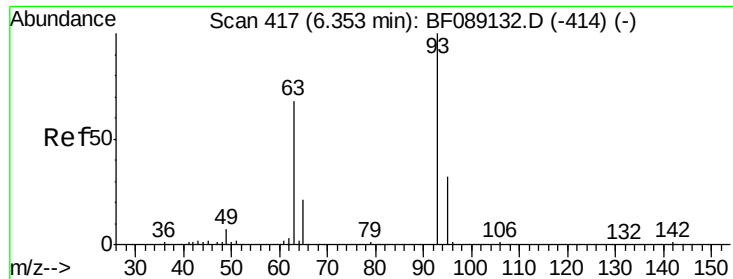


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

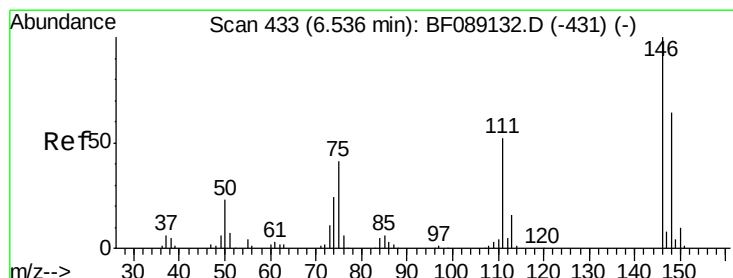
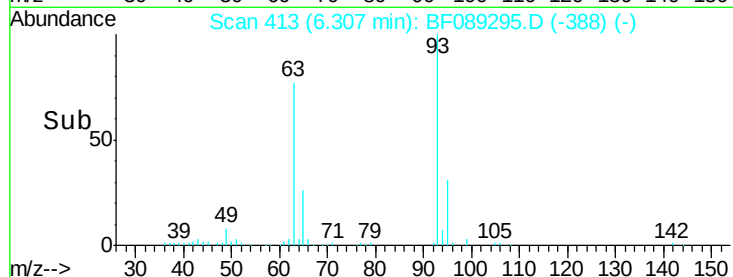
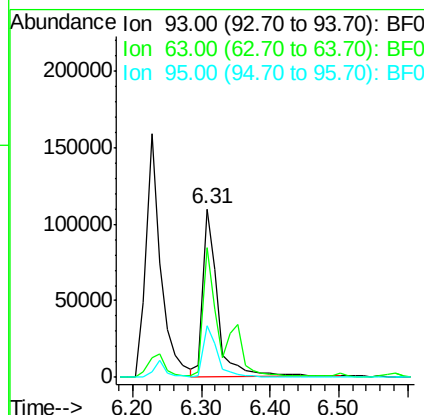
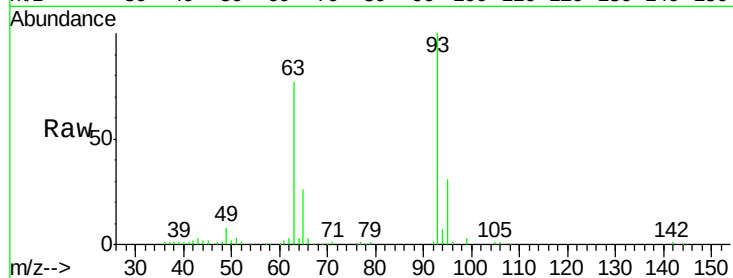




#11
bis(2-Chloroethyl)ether
Concen: 39.80 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

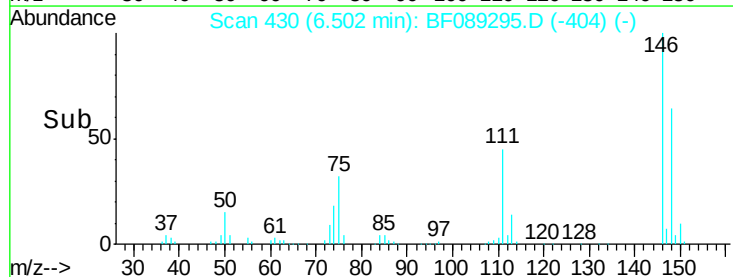
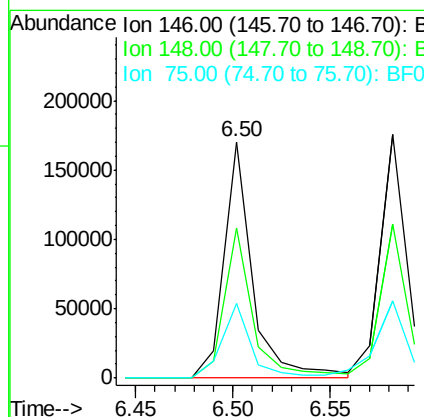
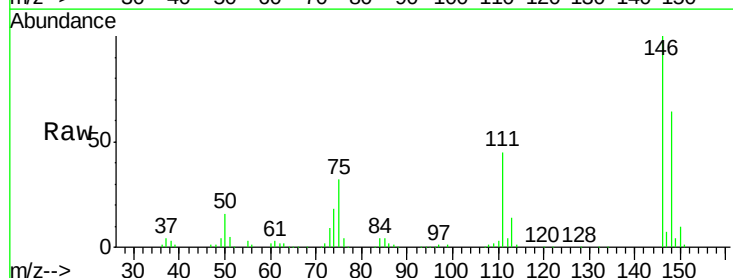
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

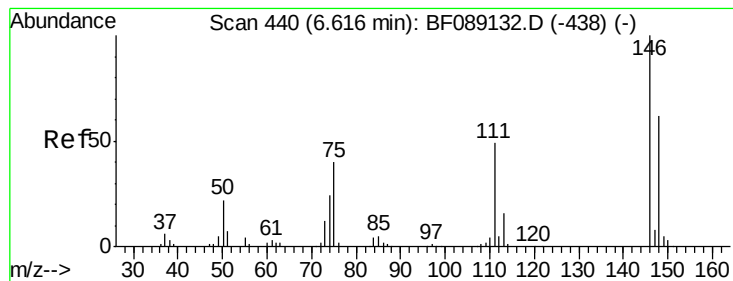
Tot Ion:	93	Resp:	161997
Ion	Ratio	Lower	Upper
93	100		
63	77.0	47.3	87.3
95	30.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.77 ng m
RT: 6.50 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Tgt Ion:	146	Resp:	173313
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
75	31.8	32.5	48.7#





#13

1,4-Dichlorobenzene

Concen: 41.97 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

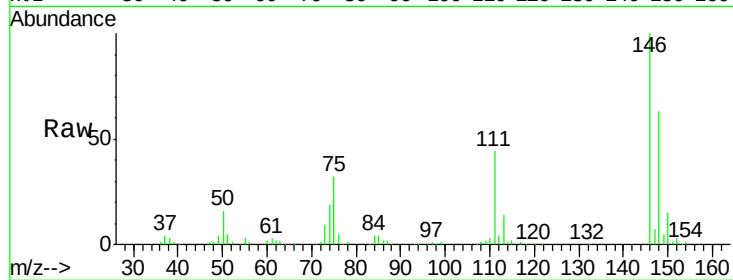
Tot Ion:146 Resp: 188947

Ion Ratio Lower Upper

146 100

148 63.3 49.9 74.9

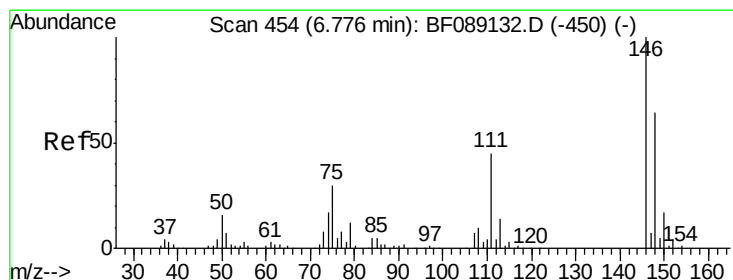
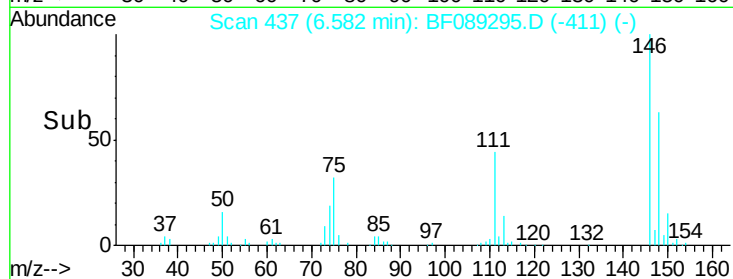
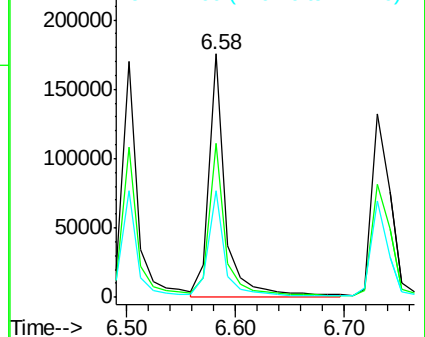
111 43.9 39.8 59.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.23 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

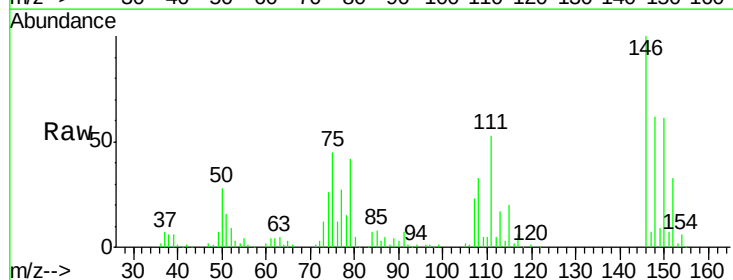
Tgt Ion:146 Resp: 162286

Ion Ratio Lower Upper

146 100

148 61.7 51.4 77.0

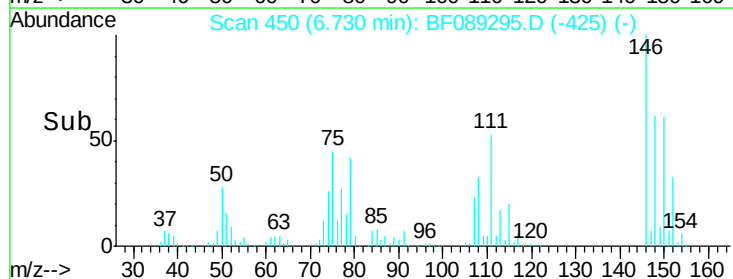
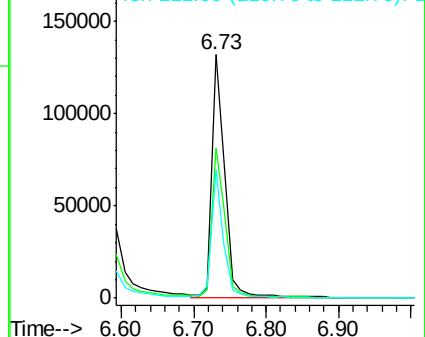
111 53.0 35.9 53.9

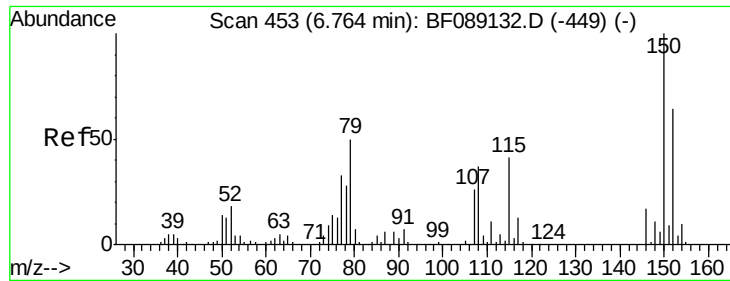


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

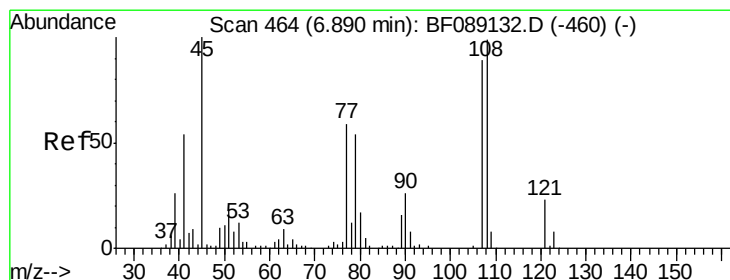
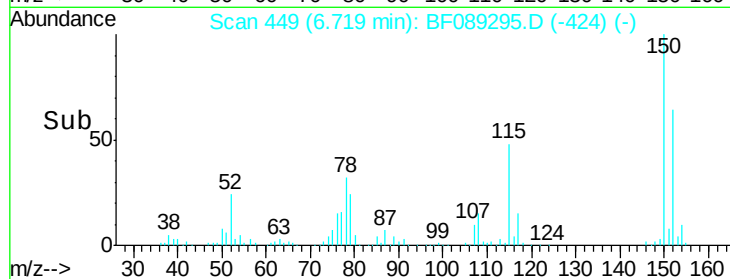
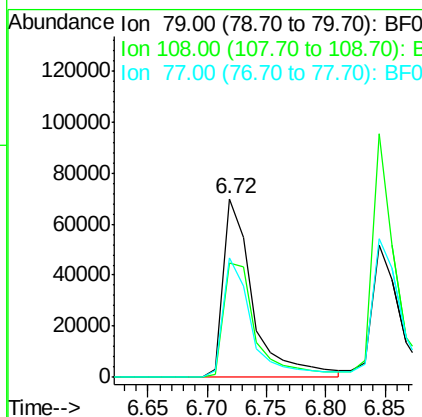
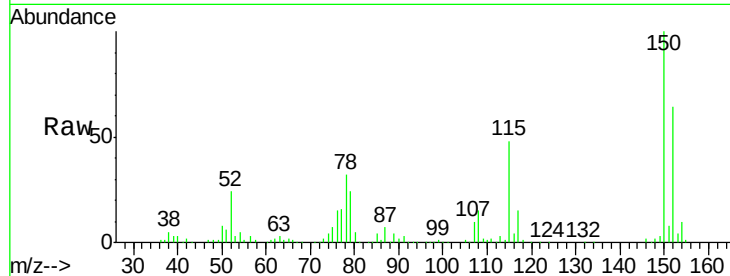




#15
Benzyl Alcohol
Concen: 35.47 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

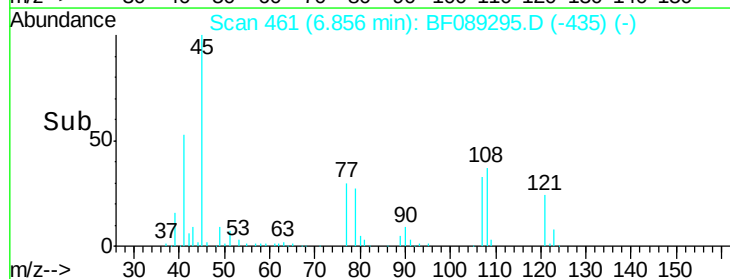
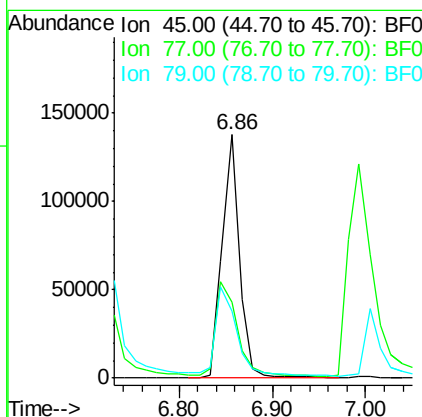
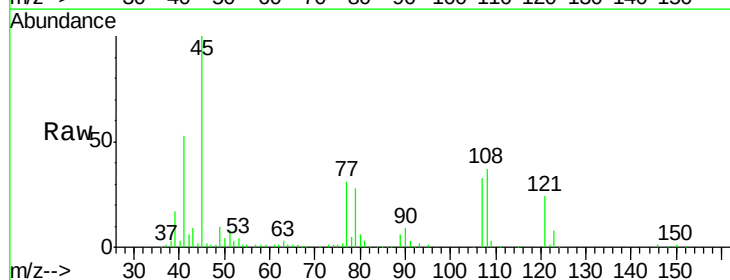
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

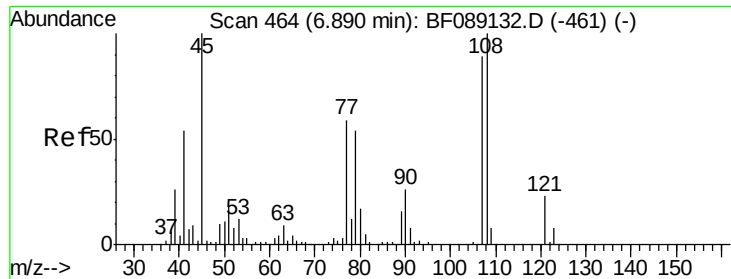
Tot Ion: 79 Resp: 122177
Ion Ratio Lower Upper
79 100
108 64.0 58.2 87.4
77 67.2 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.74 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Tgt Ion: 45 Resp: 179672
Ion Ratio Lower Upper
45 100
77 31.0 39.7 79.7#
79 27.8 34.7 74.7#





#17

2-Methylphenol

Concen: 35.67 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 113740

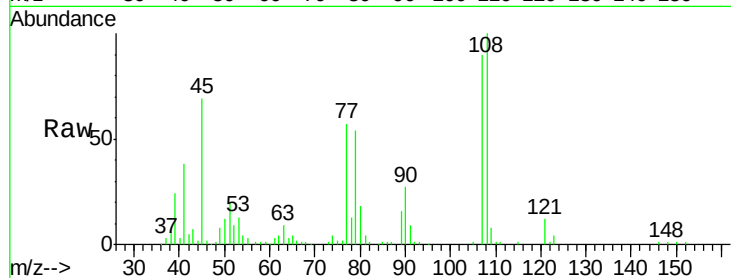
Ion Ratio Lower Upper

107 100

108 111.4 89.4 134.2

77 63.7 53.4 80.0

79 60.7 49.0 73.4

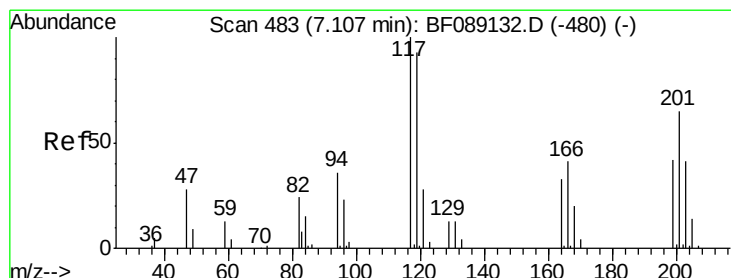
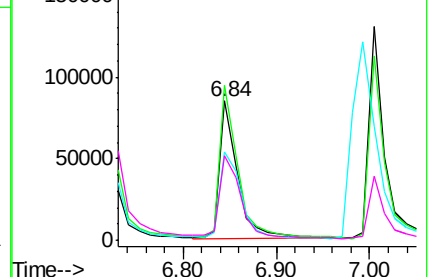
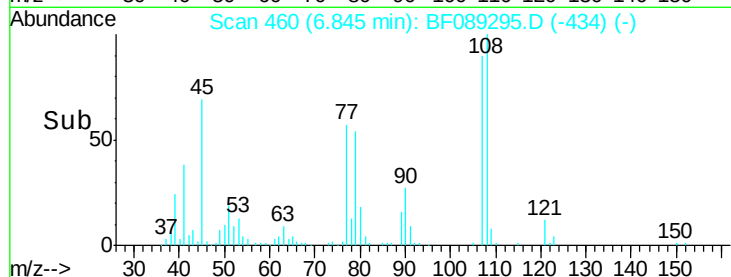


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.98 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

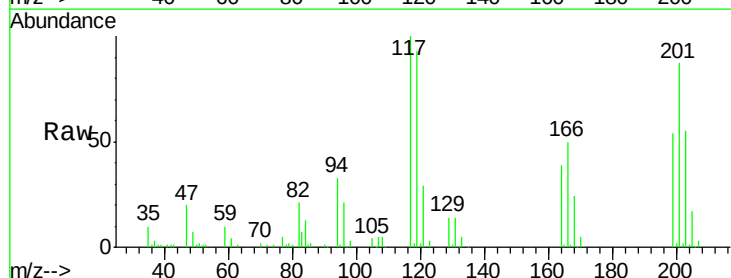
Tgt Ion:117 Resp: 65967

Ion Ratio Lower Upper

117 100

119 93.5 74.5 111.7

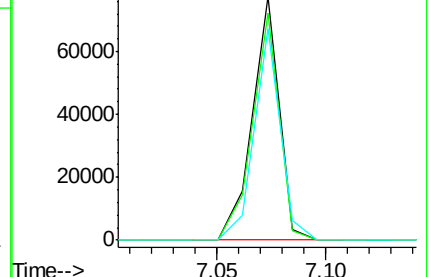
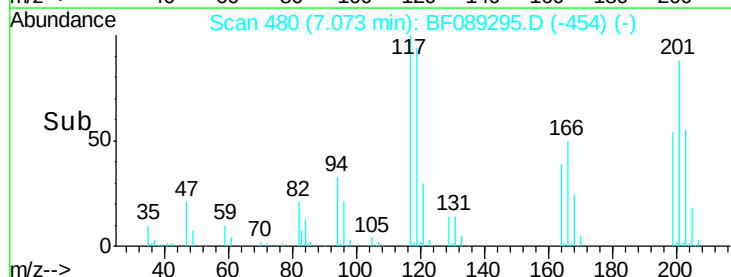
201 87.1 51.8 77.6#

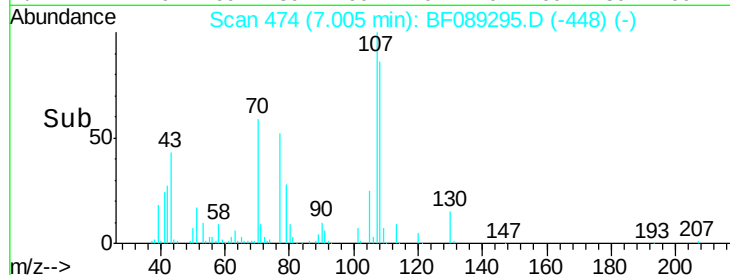
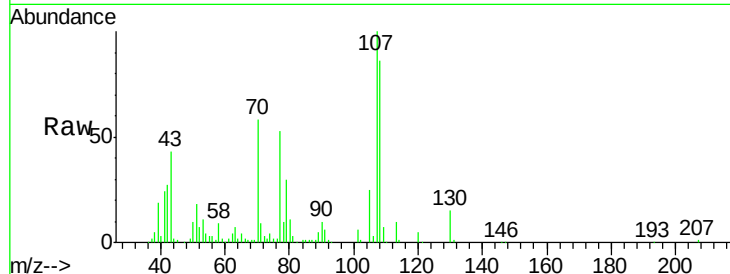
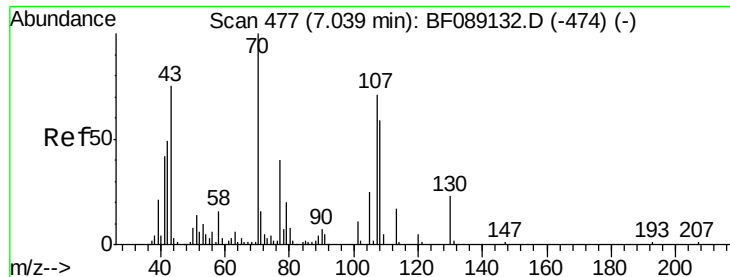


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

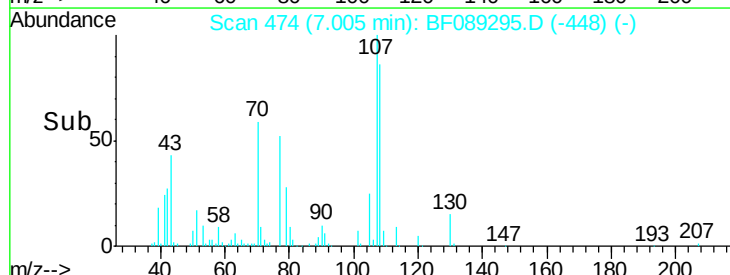
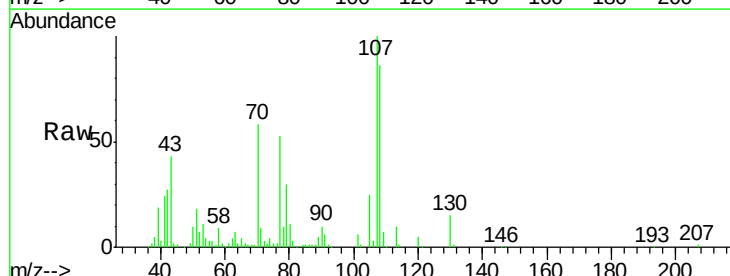
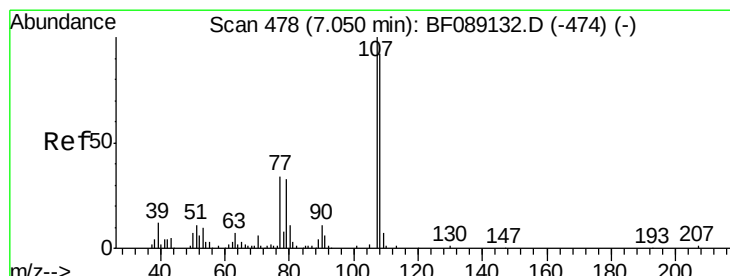
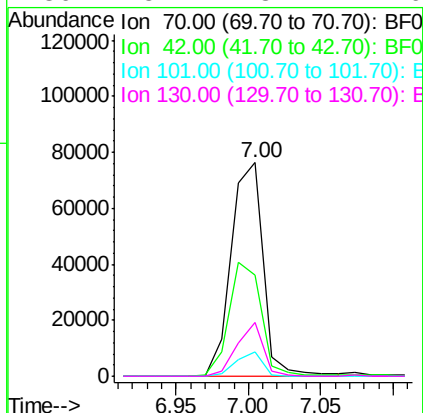




#19
n-Nitroso-di-n-propylamine
Concen: 37.98 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

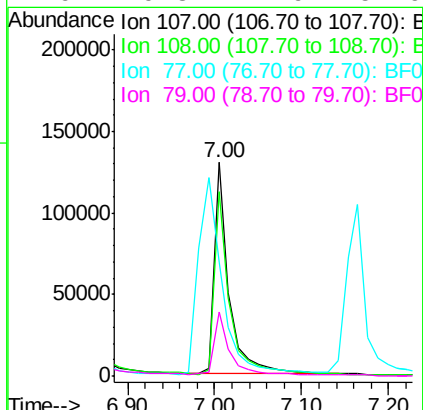
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

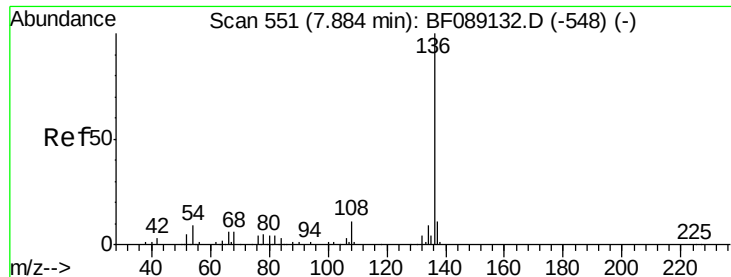
Tot Ion: 70 Resp: 116846
Ion Ratio Lower Upper
70 100
42 47.1 39.2 58.8
101 11.2 8.5 12.7
130 25.2 18.4 27.6



#20
3+4-Methylphenols
Concen: 35.97 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Tgt Ion: 107 Resp: 155703
Ion Ratio Lower Upper
107 100
108 86.4 72.5 112.5
77 53.5 17.7 57.7
79 29.8 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 234522

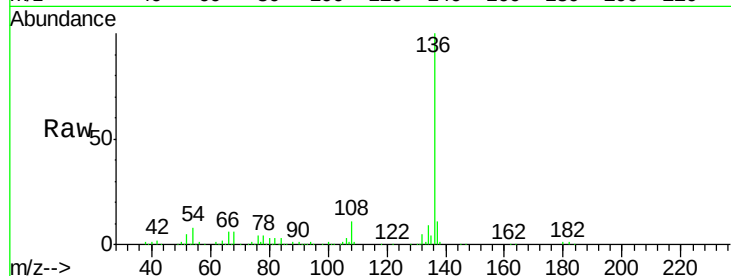
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.6 7.0 10.4

68 6.1 5.0 7.6

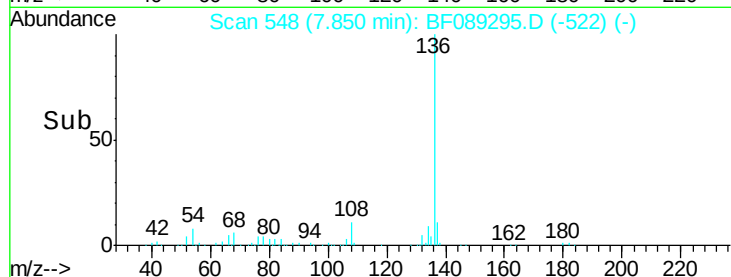


Abundance Ion 136.00 (135.70 to 136.70): E

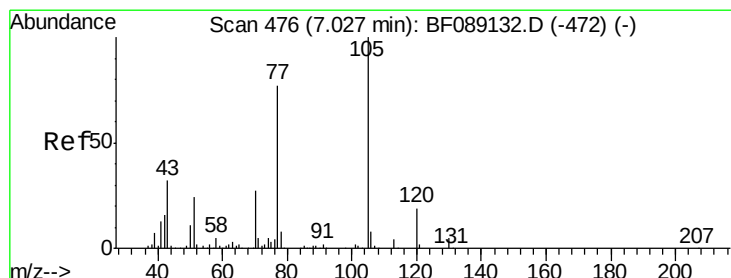
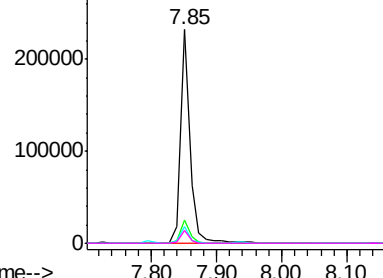
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.34 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Tgt Ion:105 Resp: 240114

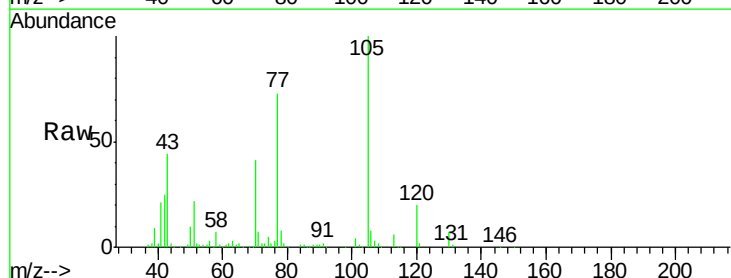
Ion Ratio Lower Upper

105 100

71 6.9 3.8 5.6#

51 22.0 19.6 29.4

120 20.3 15.5 23.3

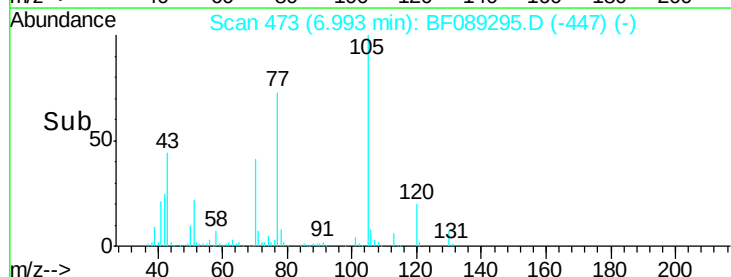


Abundance Ion 105.00 (104.70 to 105.70): E

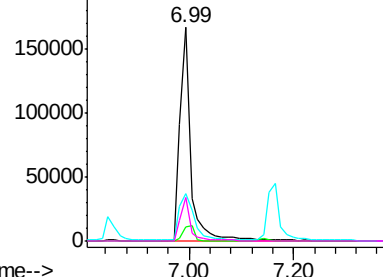
Ion 71.00 (70.70 to 71.70): BF0

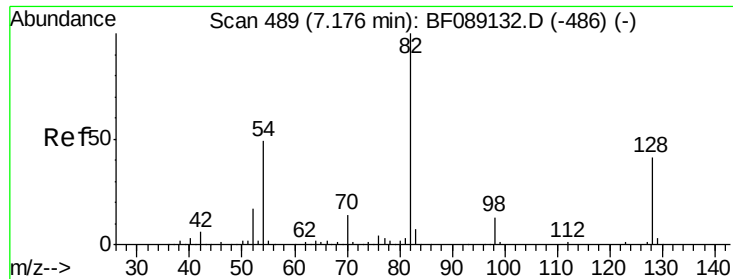
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

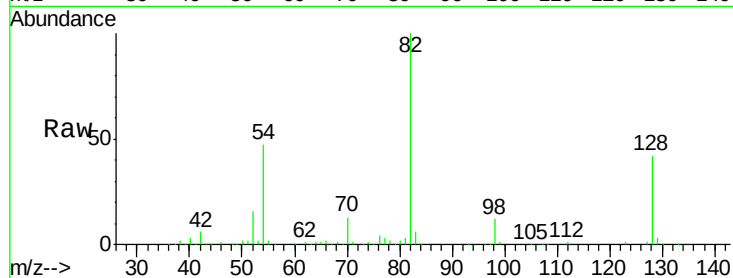




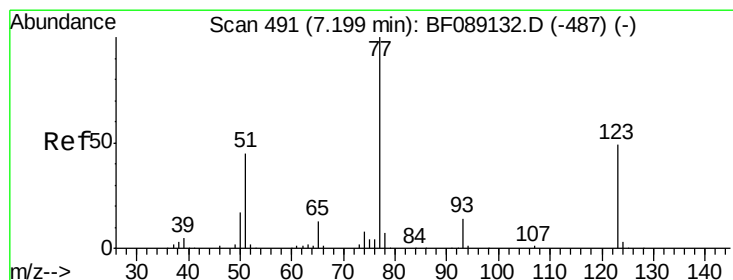
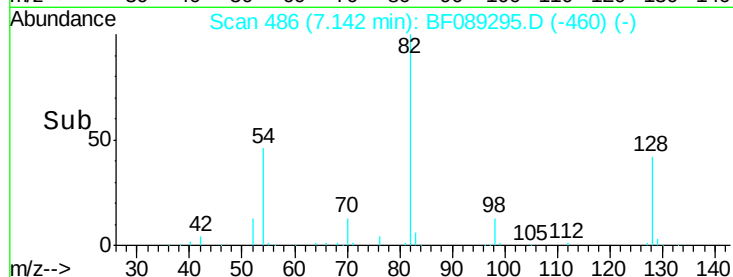
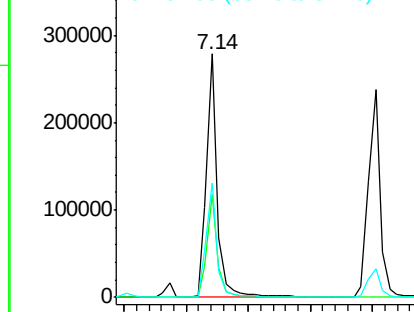
#23
 Nitrobenzene-d5
 Concen: 78.03 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	82	Resp	344413
Ion Ratio	Lower	Upper	
82	100		
128	42.3	33.0	49.6
54	47.1	39.0	58.4

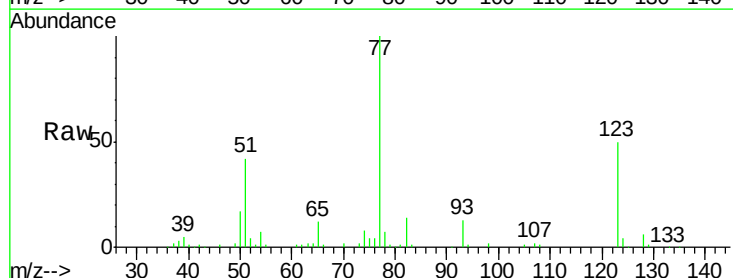


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

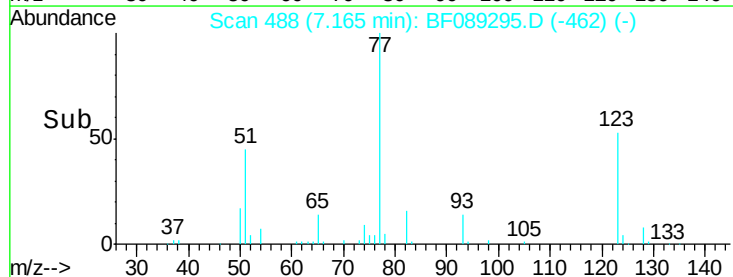
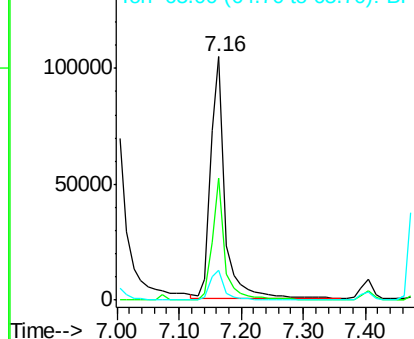


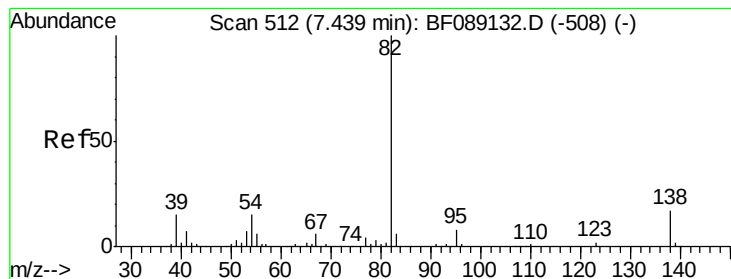
#24
 Nitrobenzene
 Concen: 35.30 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion	77	Resp	164342
Ion Ratio	Lower	Upper	
77	100		
123	50.0	38.9	58.3
65	12.4	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.91 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

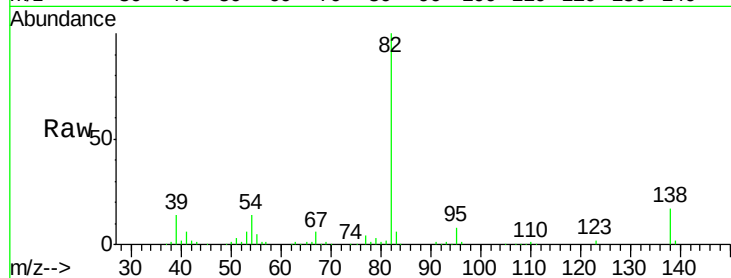
Tot Ion: 82 Resp: 308407

Ion Ratio Lower Upper

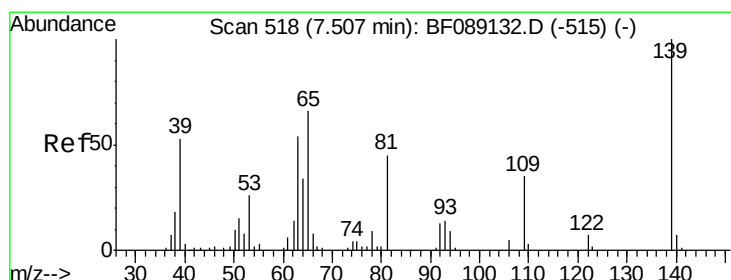
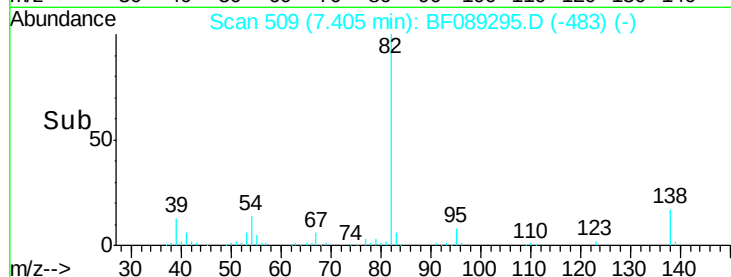
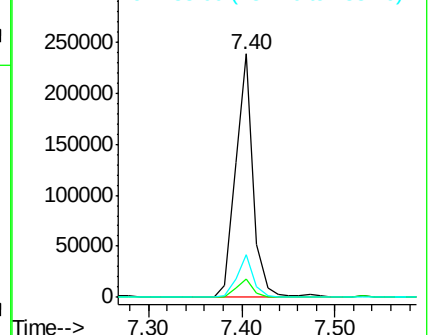
82 100

95 7.6 6.1 9.1

138 17.4 13.6 20.4



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: 36.33 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

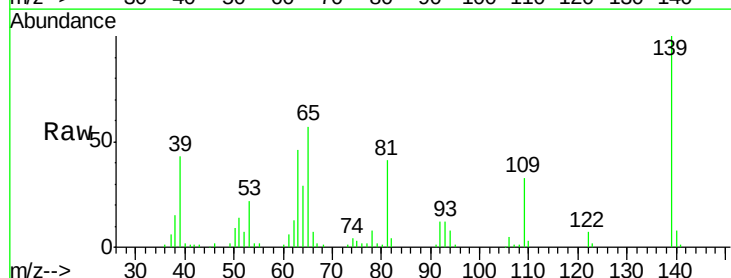
Tgt Ion: 139 Resp: 78883

Ion Ratio Lower Upper

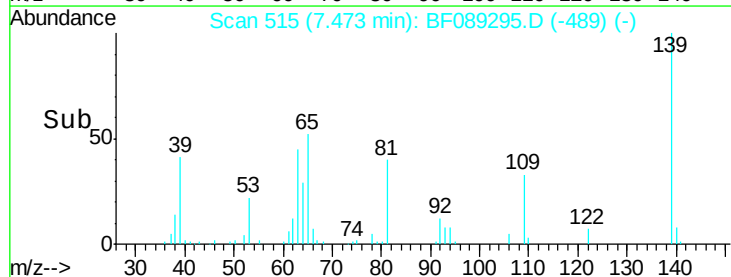
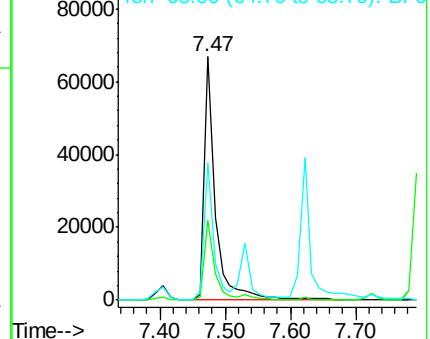
139 100

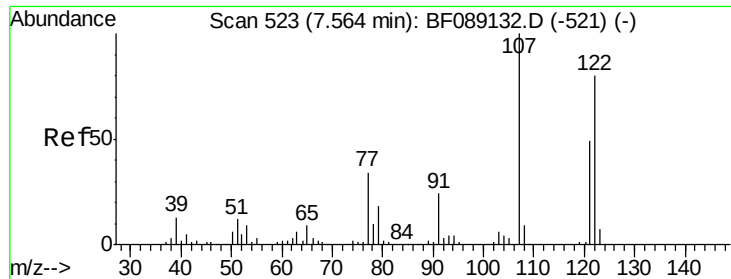
109 32.5 28.1 42.1

65 56.5 52.7 79.1



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

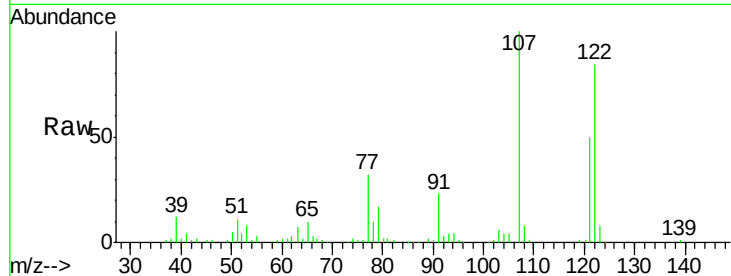




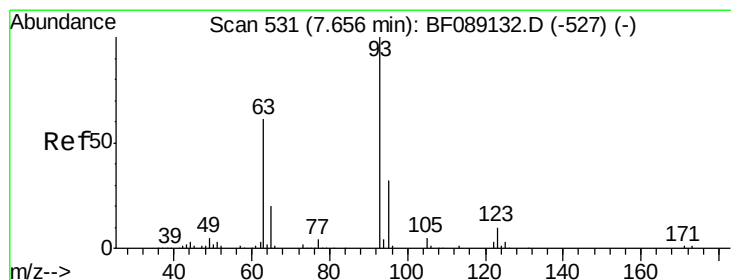
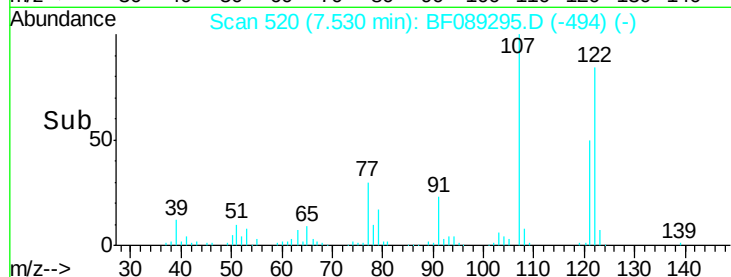
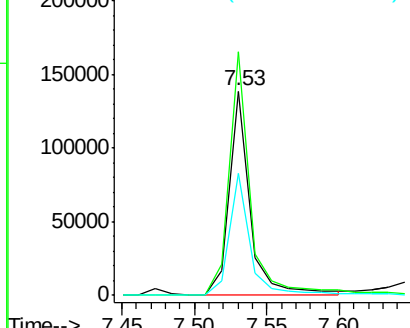
#27
 2,4-Dimethylphenol
 Concen: 37.43 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 136920
 Ion Ratio Lower Upper
 122 100
 107 119.0 99.7 149.5
 121 59.5 48.5 72.7

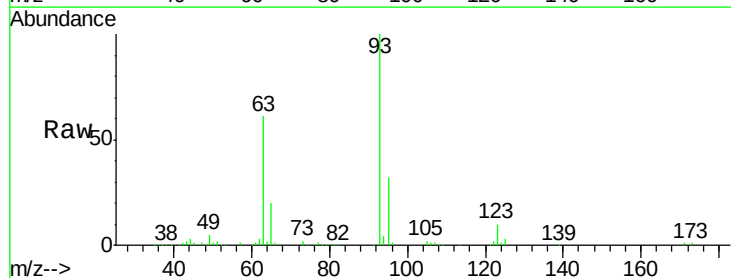


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

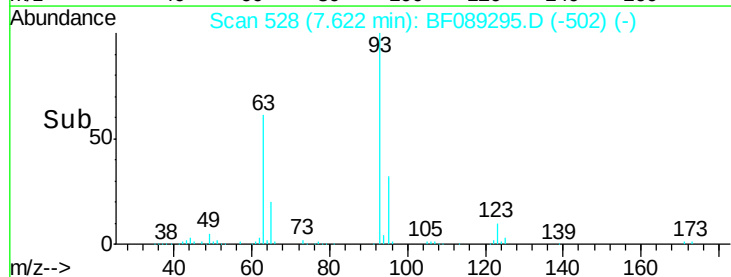
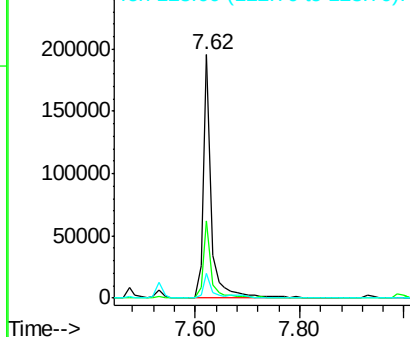


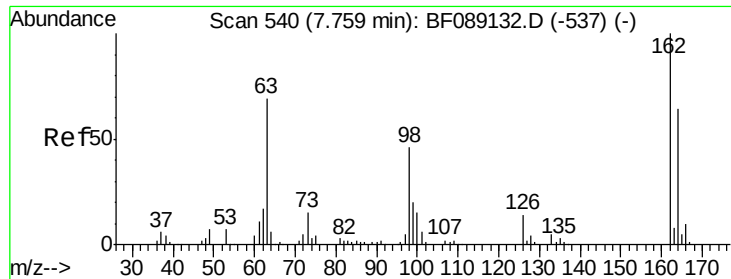
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.44 ng
 RT: 7.62 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion: 93 Resp: 210837
 Ion Ratio Lower Upper
 93 100
 95 31.6 25.4 38.0
 123 10.2 8.3 12.5



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

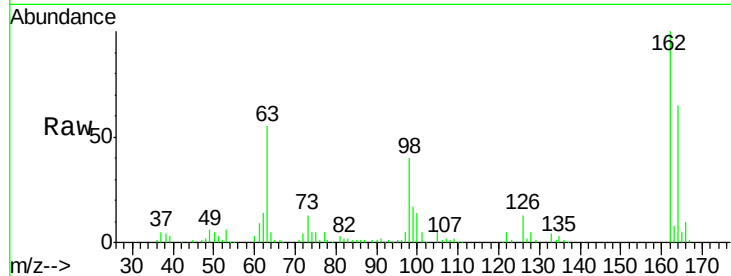




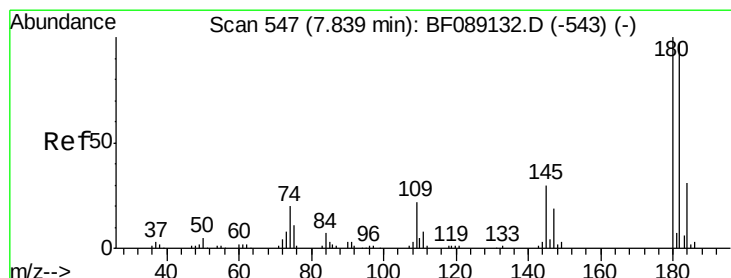
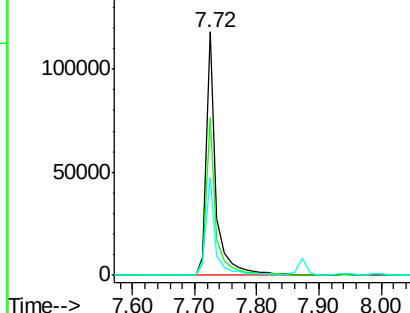
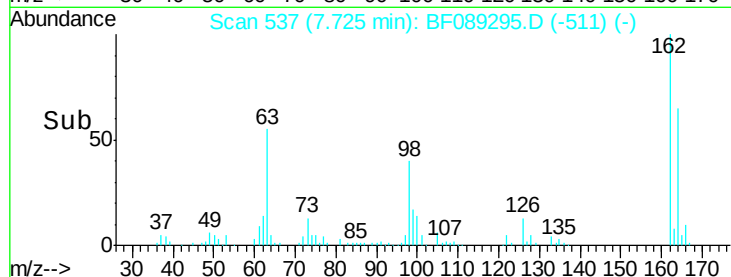
#29
 2,4-Dichlorophenol
 Concen: 38.90 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 128241
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.0 84.0
 98 40.2 26.0 66.0

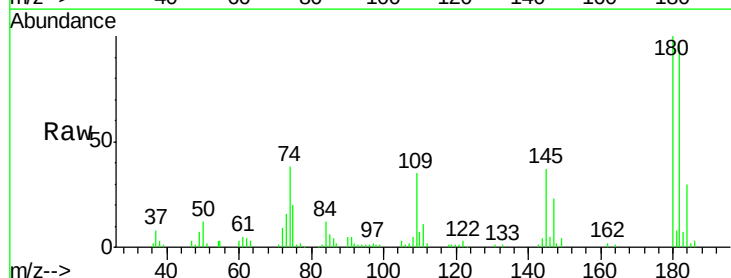


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

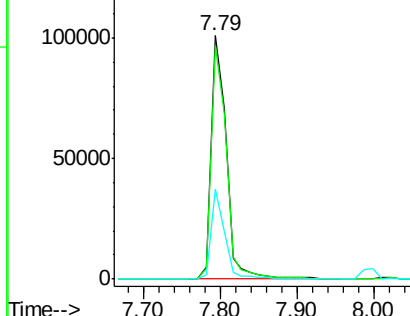
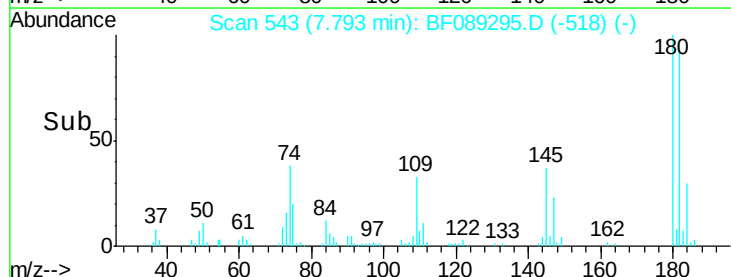


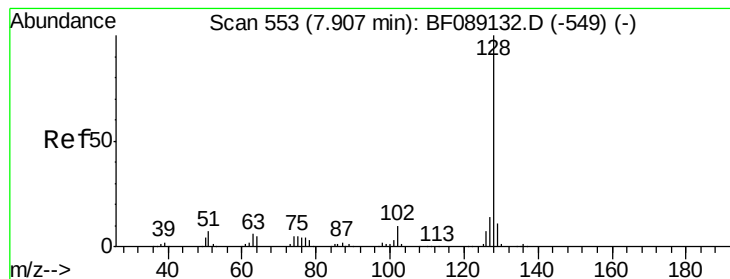
#30
 1,2,4-Trichlorobenzene
 Concen: 37.52 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion:180 Resp: 136931
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.6 116.4
 145 36.8 24.0 36.0#



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: 37.66 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

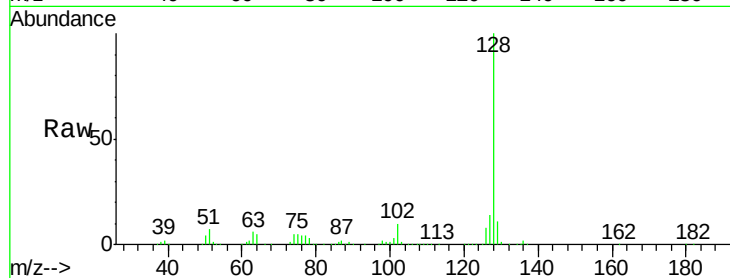
Tot Ion:128 Resp: 476685

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

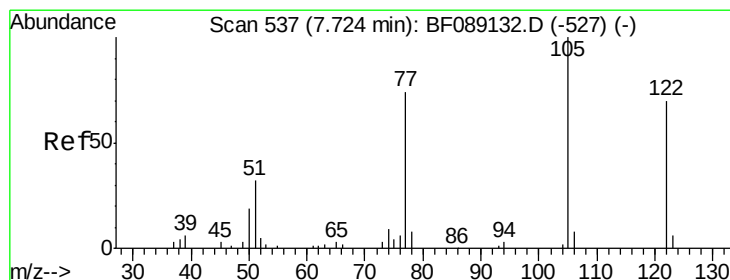
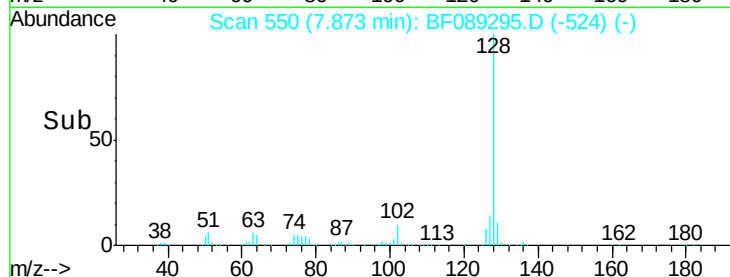
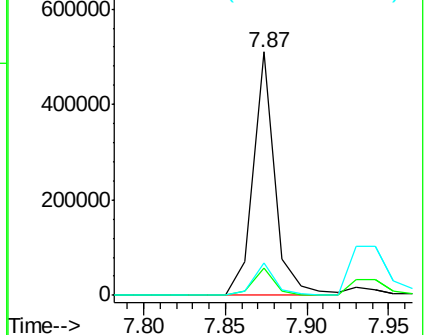
127 13.5 10.8 16.2



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: 29.94 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

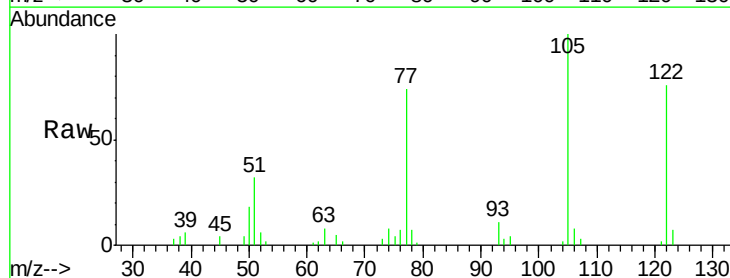
Tgt Ion:122 Resp: 84225

Ion Ratio Lower Upper

122 100

105 131.9 119.0 159.0

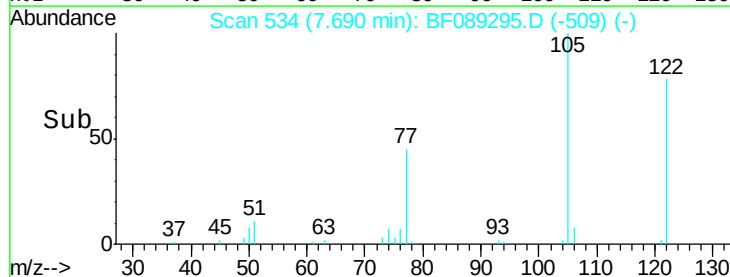
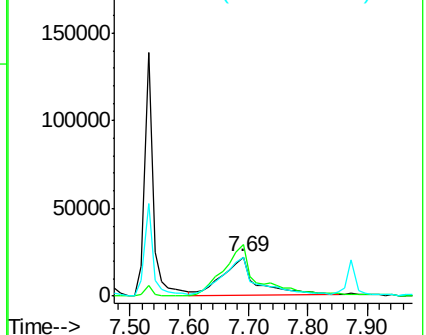
77 97.2 84.7 124.7

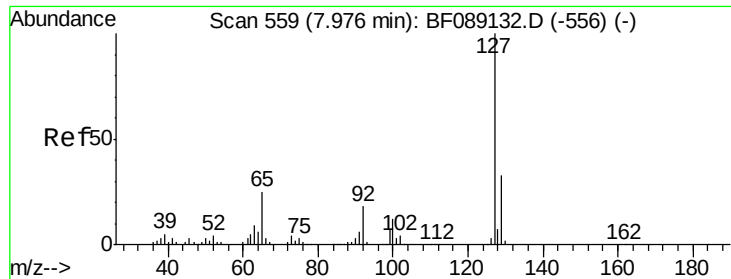


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

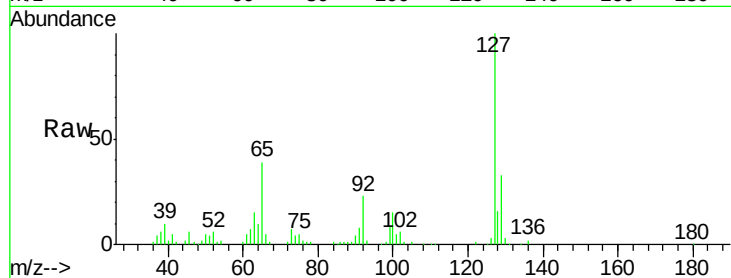




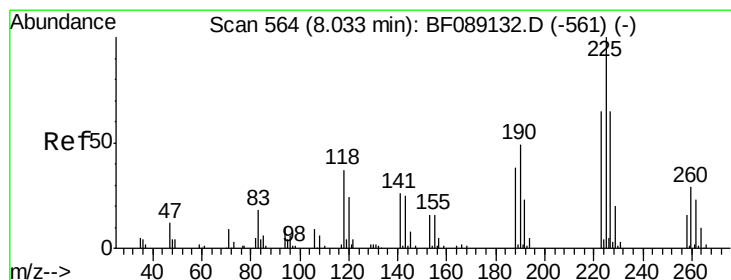
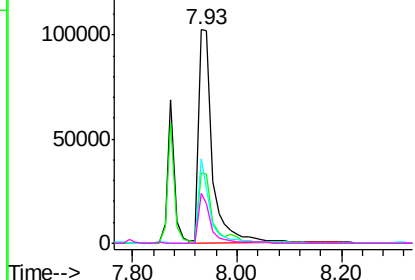
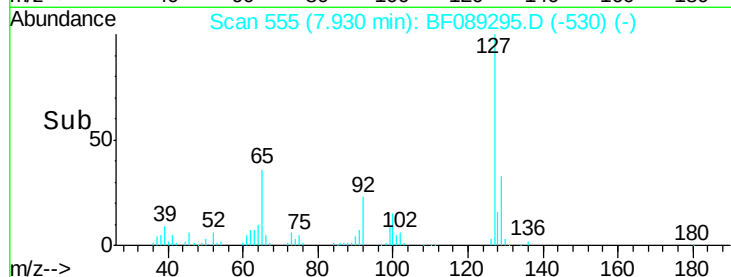
#33
4-Chloroaniline
Concen: 36.66 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	195111
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	39.4	19.7	29.5#
92	23.3	14.3	21.5#

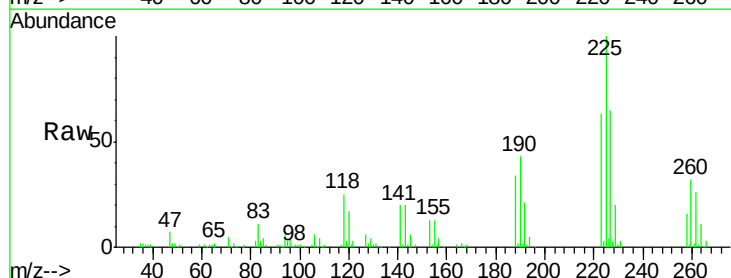


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

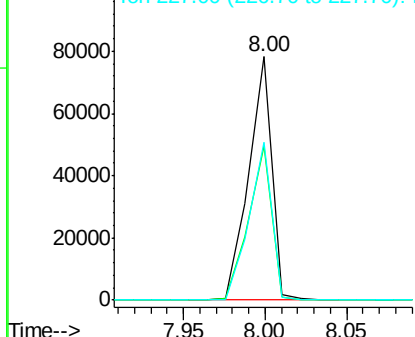
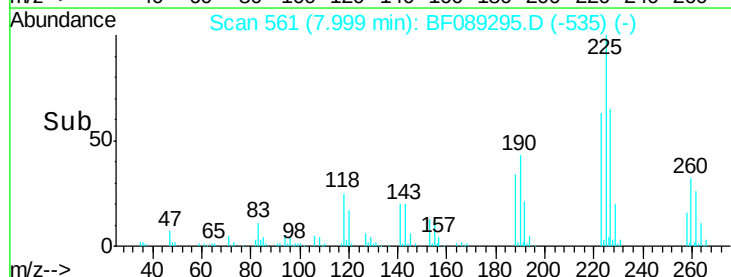


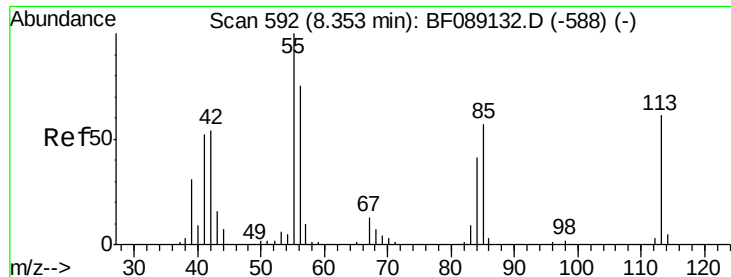
#34
Hexachlorobutadiene
Concen: 37.80 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Tgt Ion:	225	Resp:	76777
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.6	77.4
227	64.7	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.97 ng

RT: 8.32 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

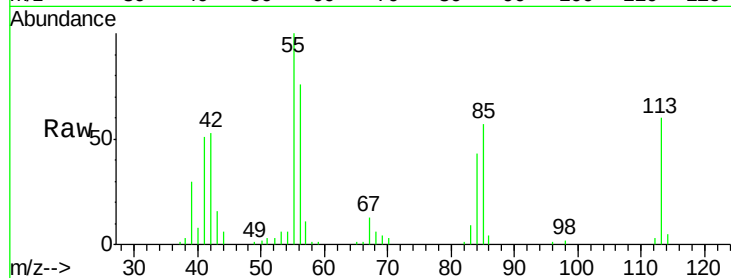
Tot Ion:113 Resp: 35802

Ion Ratio Lower Upper

113 100

55 167.4 145.3 185.3

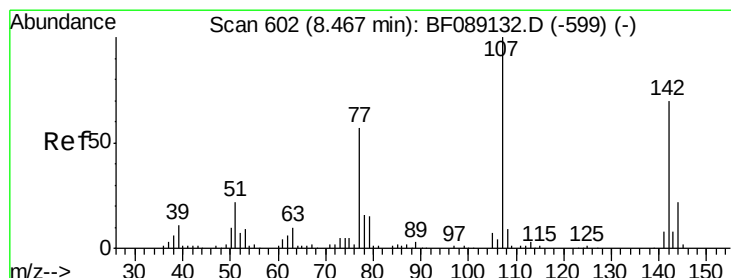
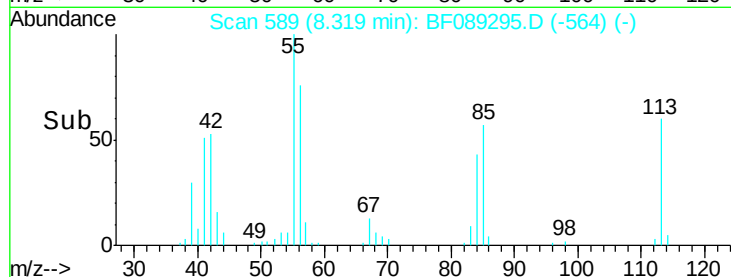
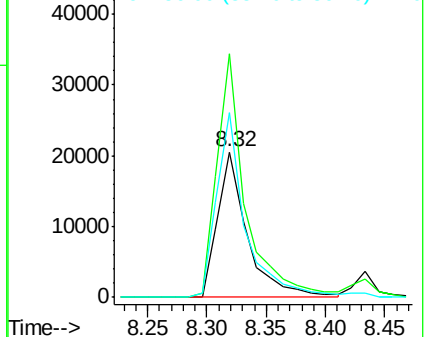
56 127.4 104.3 144.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.90 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

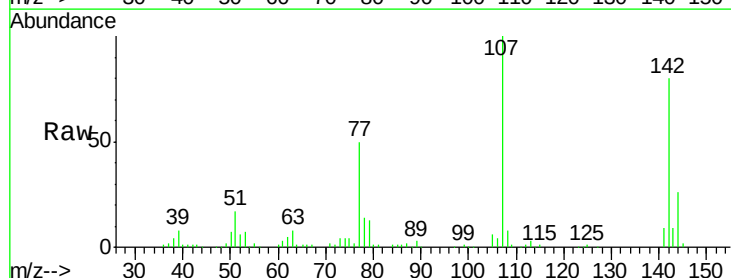
Tgt Ion:107 Resp: 146584

Ion Ratio Lower Upper

107 100

144 26.1 17.8 26.6

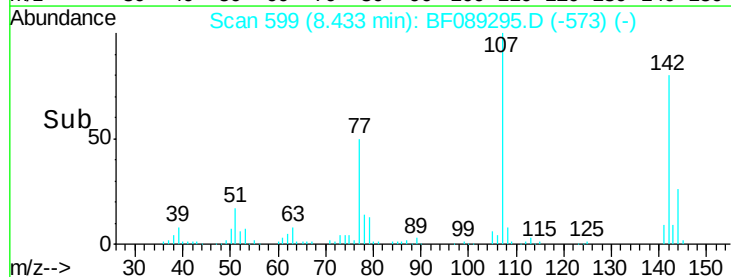
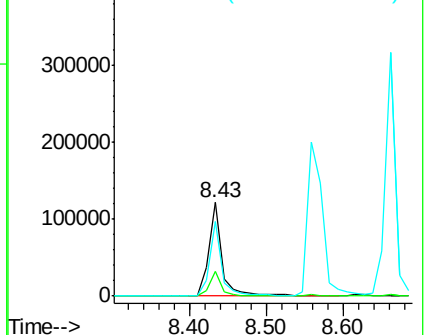
142 79.7 56.1 84.1

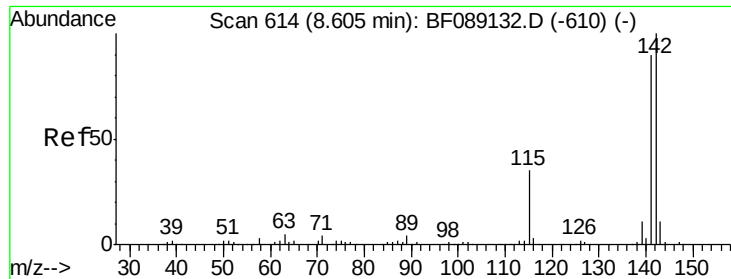


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

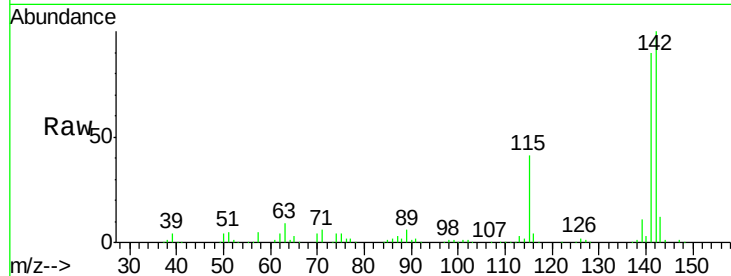




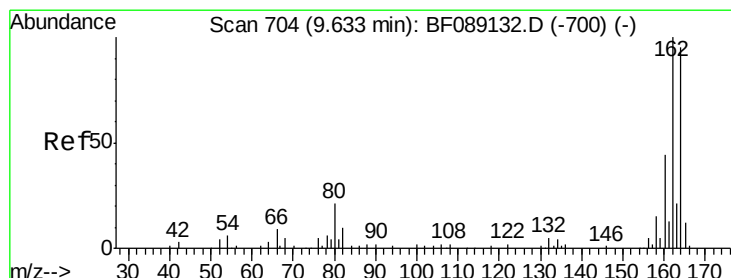
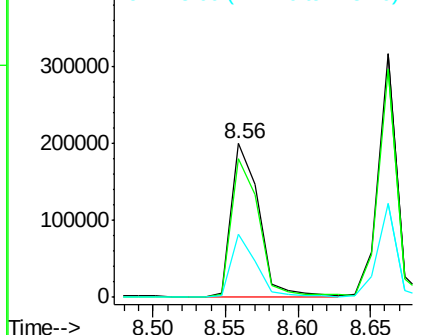
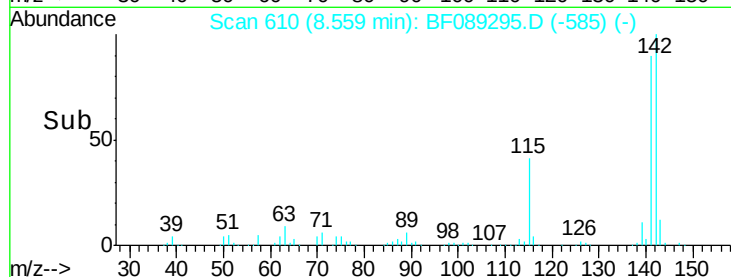
#37
2-Methylnaphthalene
Concen: 33.15 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 267584
Ion Ratio Lower Upper
142 100
141 90.5 71.6 107.4
115 40.8 27.6 41.4

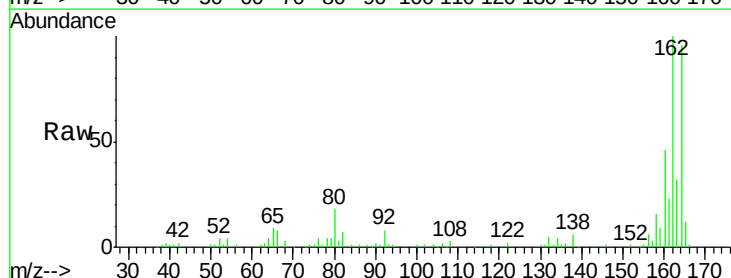


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

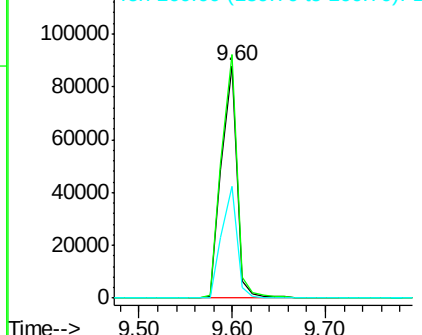
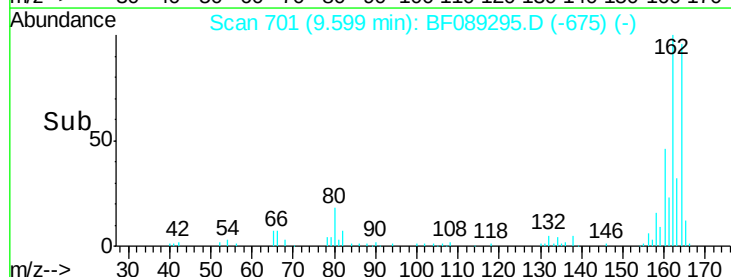


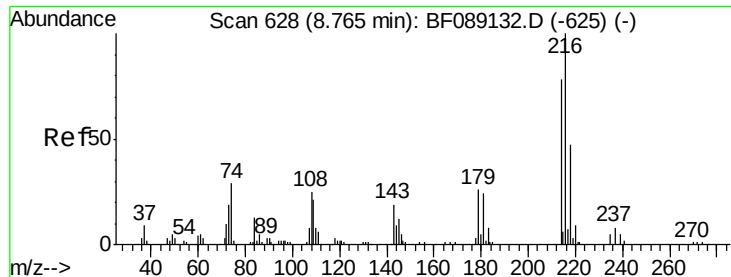
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Tgt Ion:164 Resp: 101764
Ion Ratio Lower Upper
164 100
162 104.7 84.1 126.1
160 48.2 37.1 55.7



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

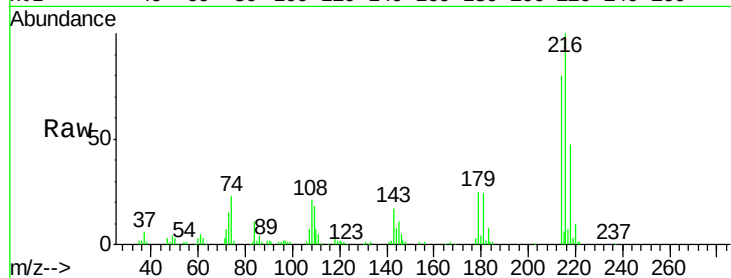




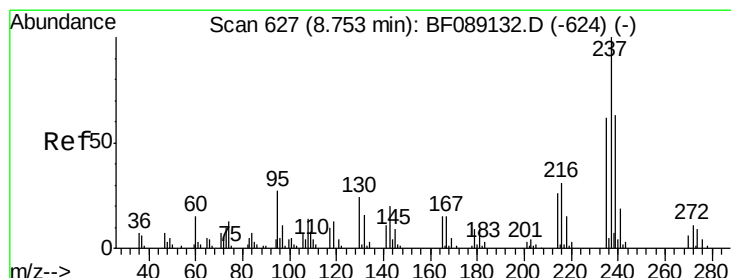
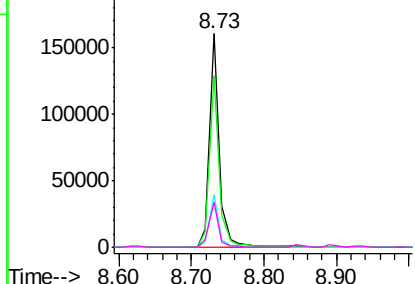
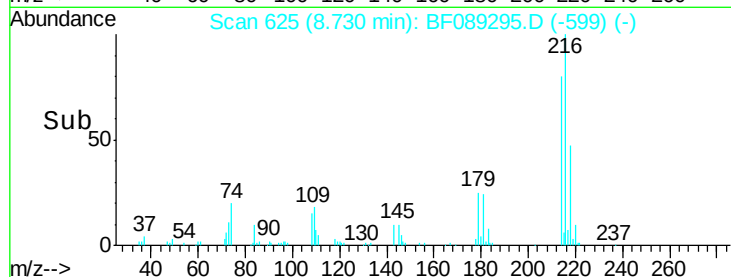
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.40 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	152821
Ion Ratio	Lower	Upper
216	100	
214	79.5	61.9 92.9
179	23.5	18.4 27.6
108	20.6	17.0 25.6

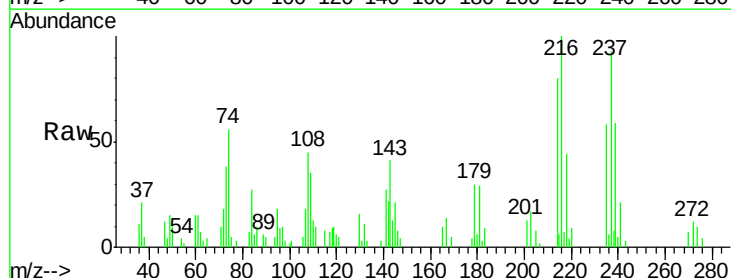


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

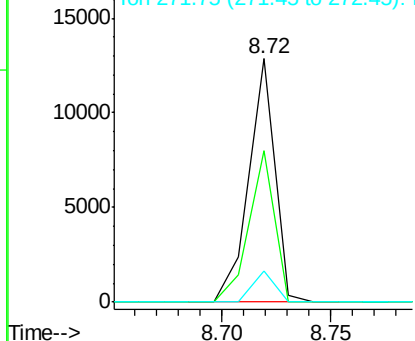
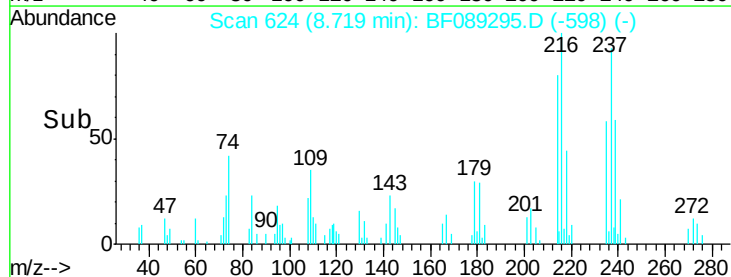


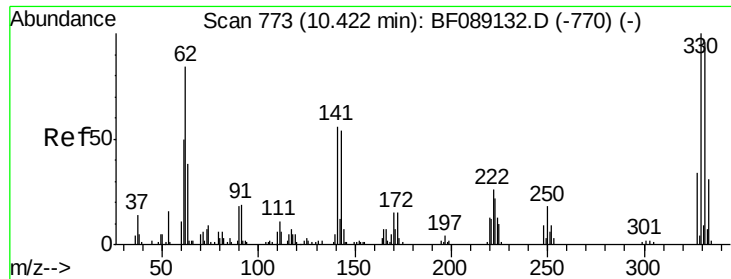
#40
 Hexachlorocyclopentadiene
 Concen: 16.01 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion:237	Resp:	10694
Ion Ratio	Lower	Upper
237	100	
235	62.4	42.1 82.1
272	13.0	0.0 31.4



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

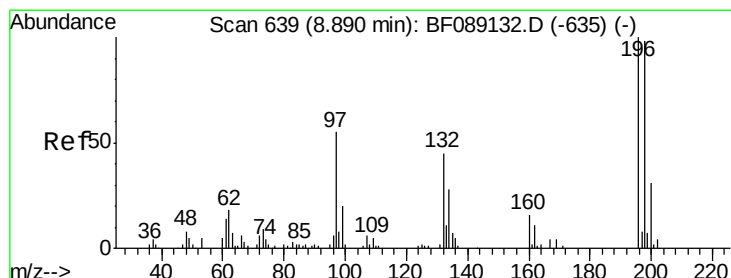
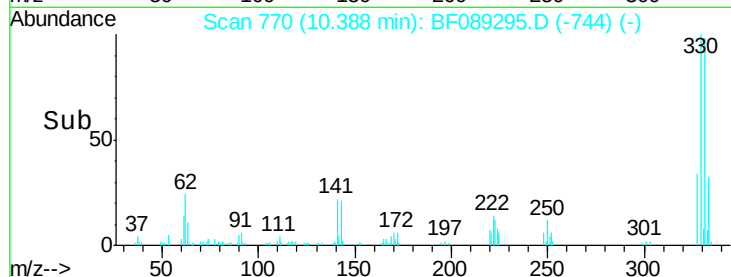
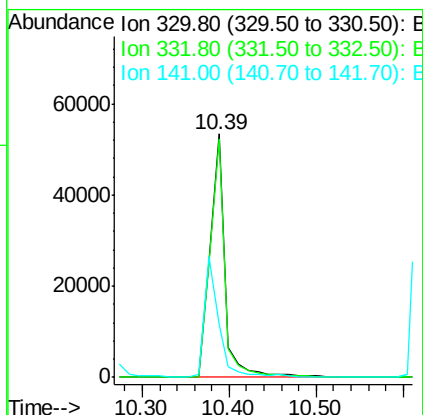
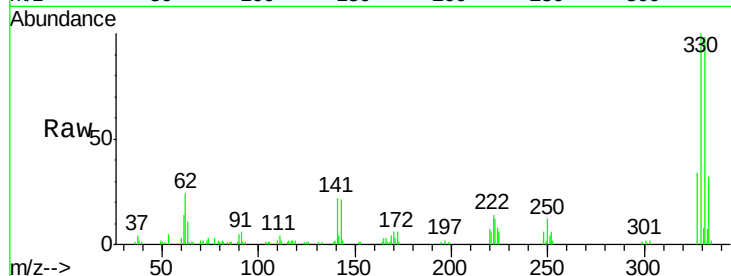




#41
 2,4,6-Tribromophenol
 Concen: 70.13 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

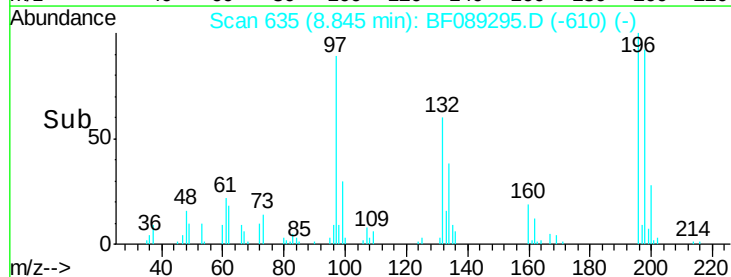
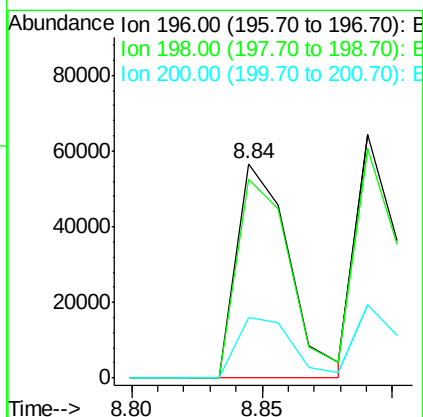
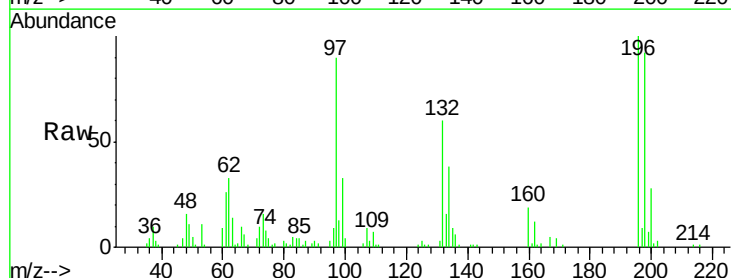
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

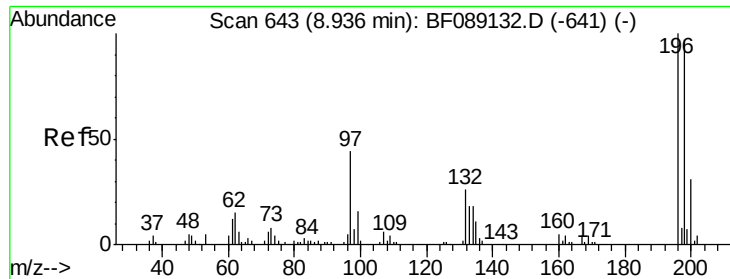
Tot Ion:330 Resp: 64251
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 48.0 42.2 63.2



#42
 2,4,6-Trichlorophenol
 Concen: 37.34 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion:196 Resp: 79057
 Ion Ratio Lower Upper
 196 100
 198 92.4 78.3 117.5
 200 28.3 25.0 37.4

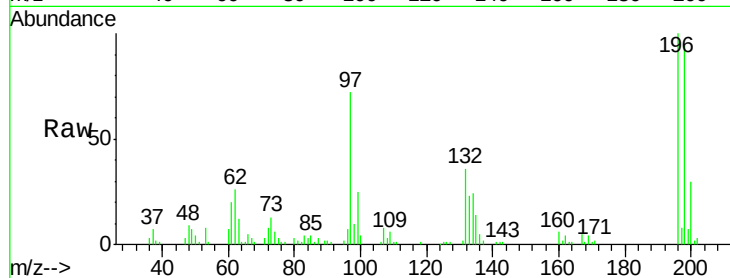




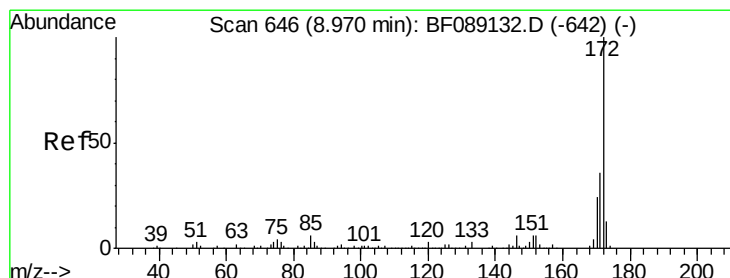
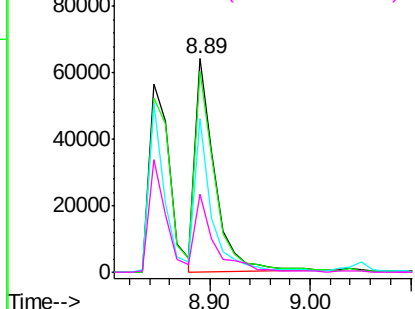
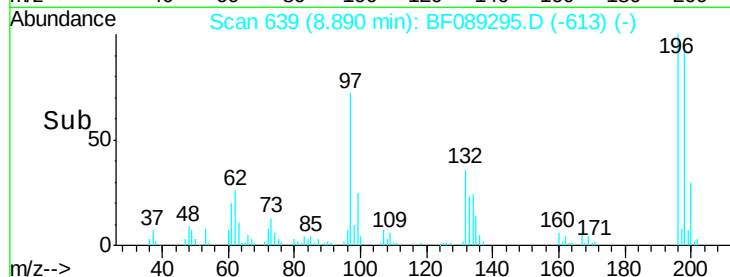
#43
 2,4,5-Trichlorophenol
 Concen: 40.70 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 86492
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.6 116.4
 97 71.9 36.5 54.7#
 132 36.5 21.2 31.8#

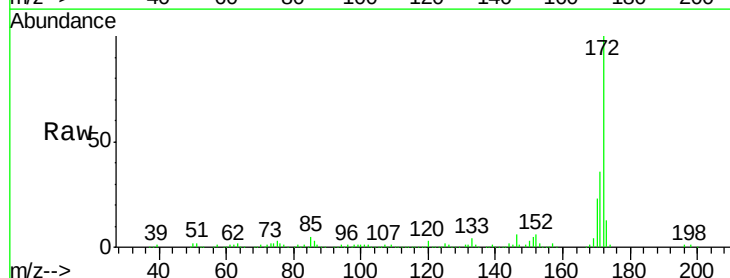


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

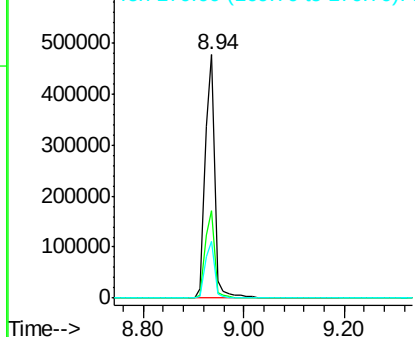
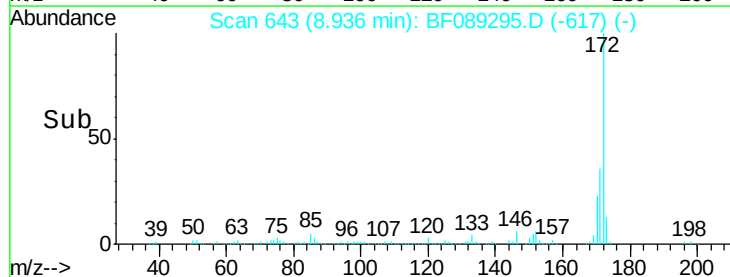


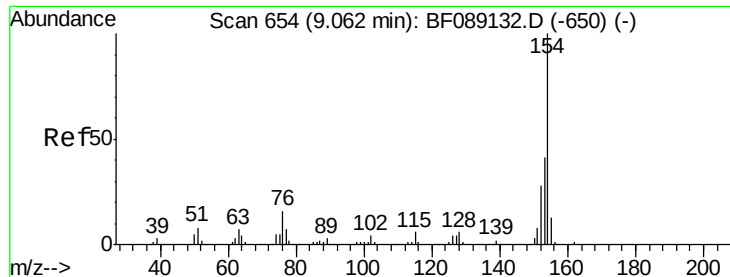
#44
 2-Fluorobiphenyl
 Concen: 84.99 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion:172 Resp: 627729
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.4 19.1 28.7



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

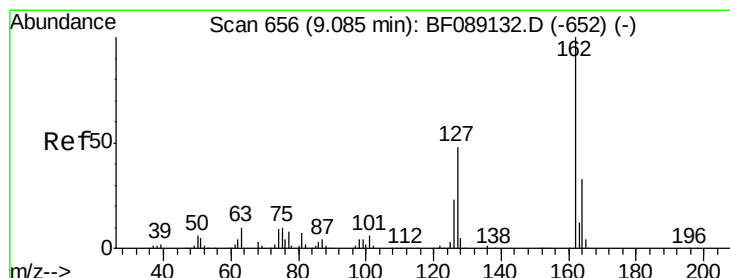
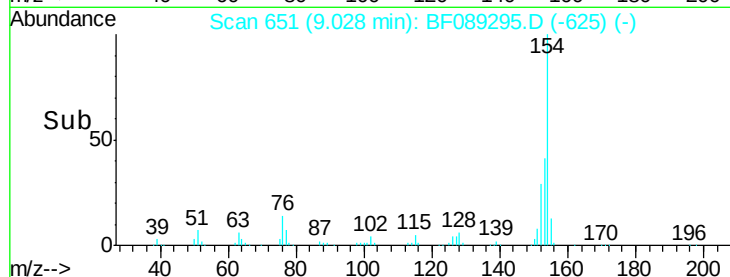
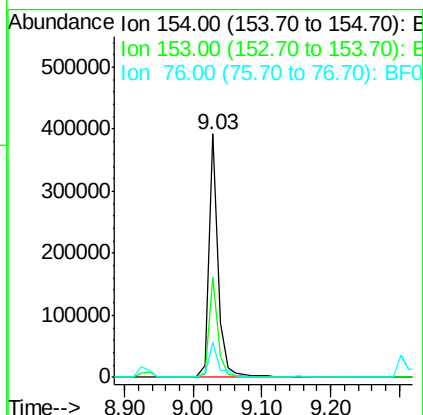
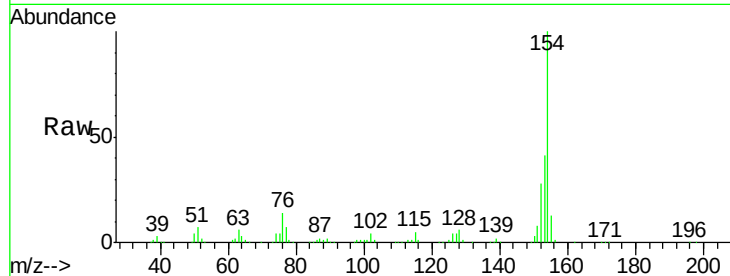




#45
 1,1'-Biphenyl
 Concen: 40.45 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

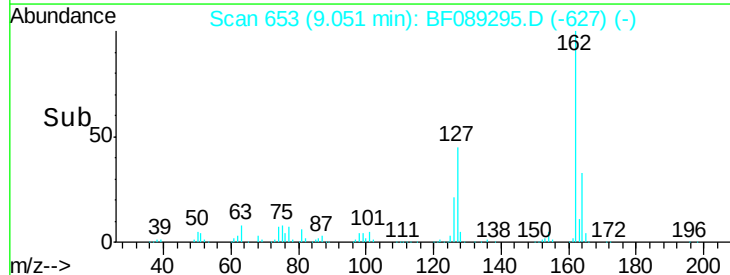
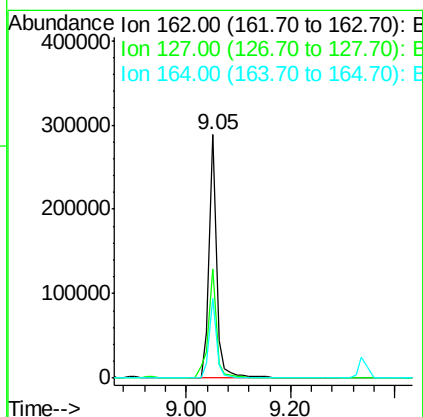
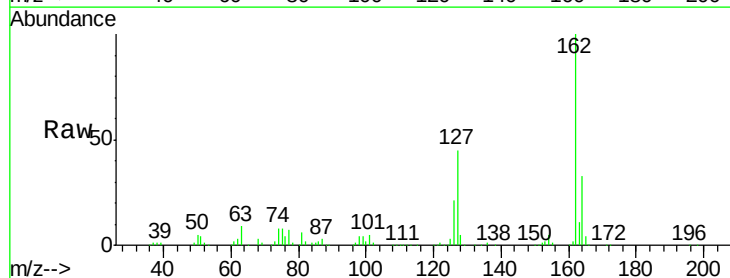
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

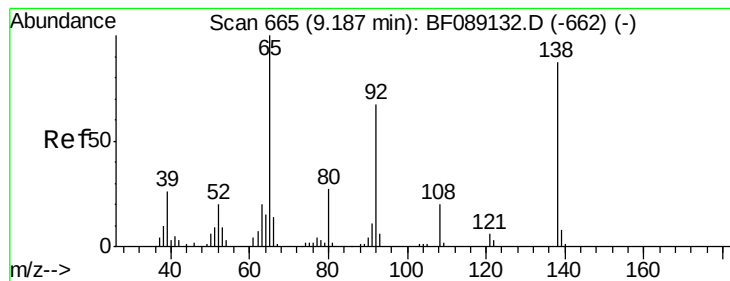
Tot Ion:154 Resp: 370720
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.1 61.1
 76 14.3 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 41.80 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion:162 Resp: 291073
 Ion Ratio Lower Upper
 162 100
 127 45.0 38.1 57.1
 164 33.0 26.1 39.1





#47

2-Nitroaniline

Concen: 39.31 ng

RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

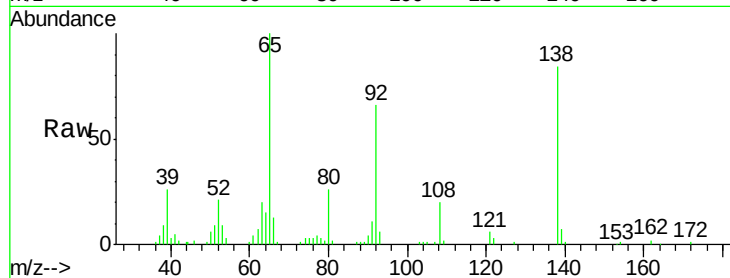
Tot Ion: 65 Resp: 93914

Ion Ratio Lower Upper

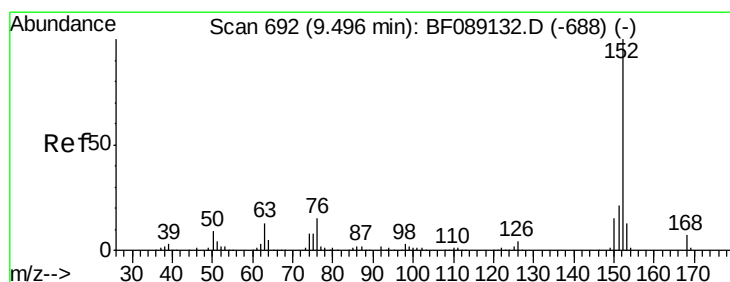
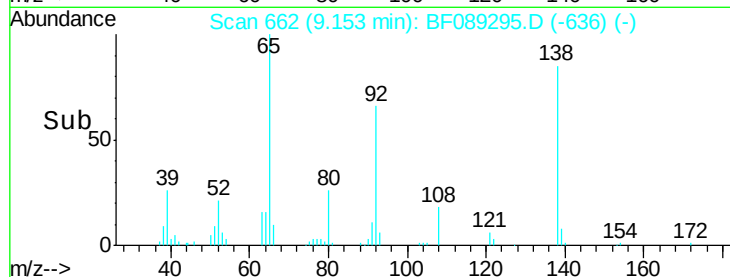
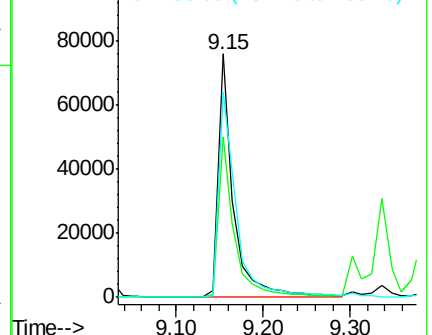
65 100

92 66.1 53.2 79.8

138 84.5 69.4 104.2



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



#48

Acenaphthylene

Concen: 39.52 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

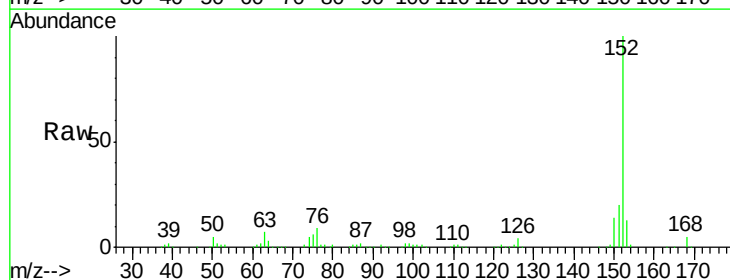
Tgt Ion: 152 Resp: 432685

Ion Ratio Lower Upper

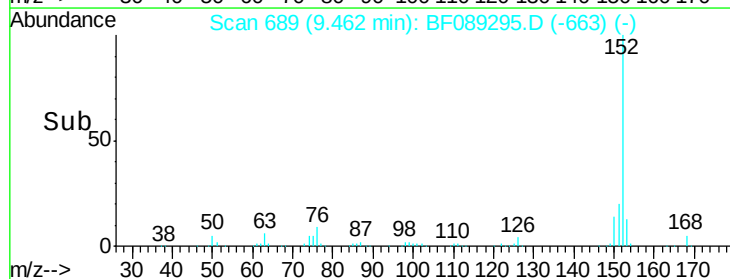
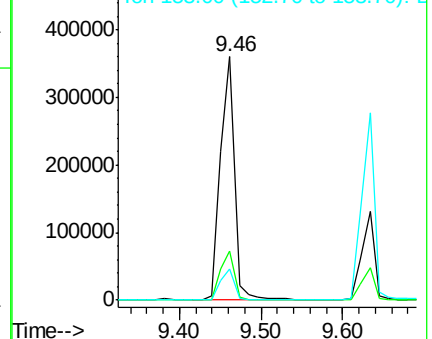
152 100

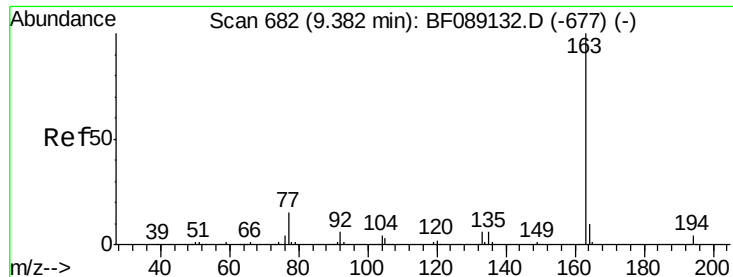
151 19.9 16.5 24.7

153 12.8 10.7 16.1



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





#49

Dimethylphthalate

Concen: 38.48 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

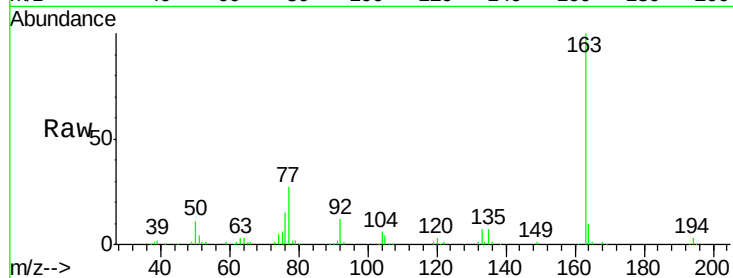
Tot Ion:163 Resp: 300520

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

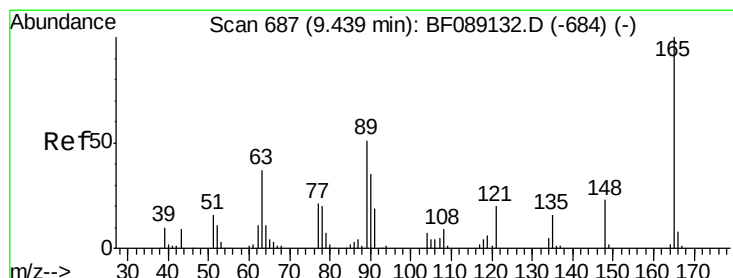
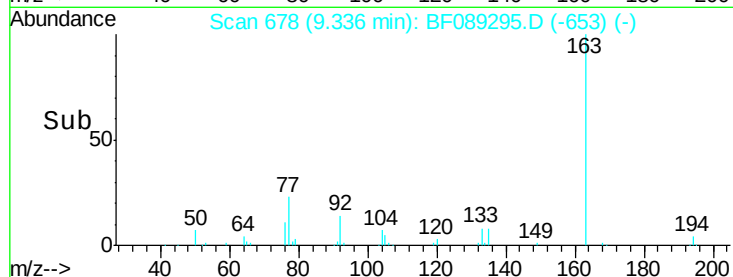
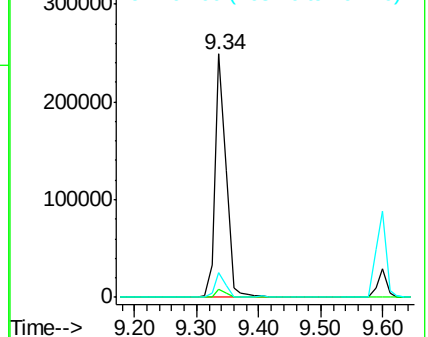
164 10.0 7.6 11.4



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: 37.09 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

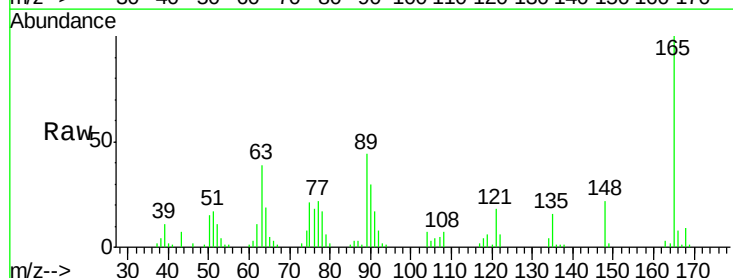
Tgt Ion:165 Resp: 65397

Ion Ratio Lower Upper

165 100

63 38.6 37.0 55.4

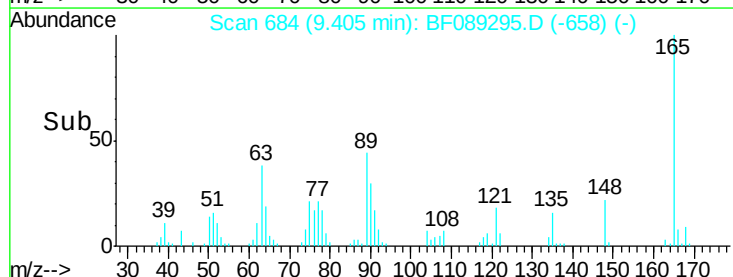
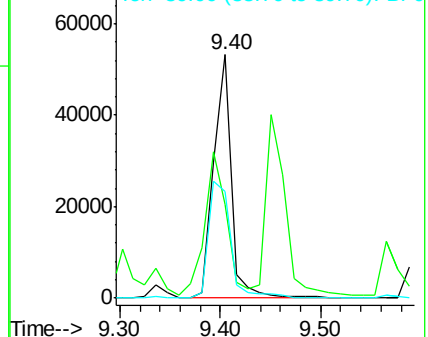
89 43.6 40.9 61.3

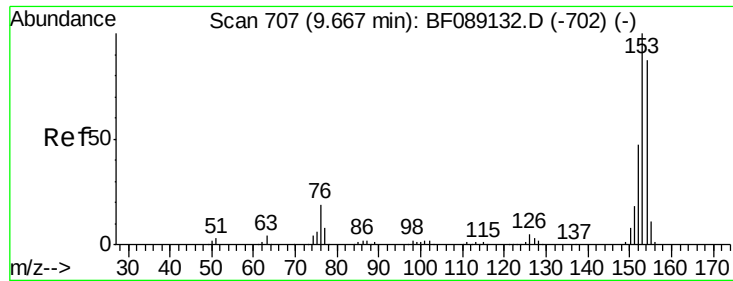


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.44 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

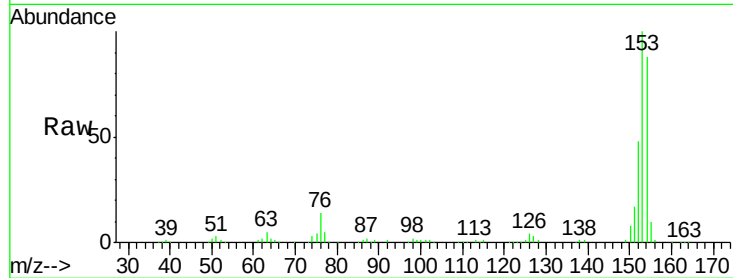
Tot Ion:154 Resp: 255456

Ion Ratio Lower Upper

154 100

153 114.2 91.9 137.9

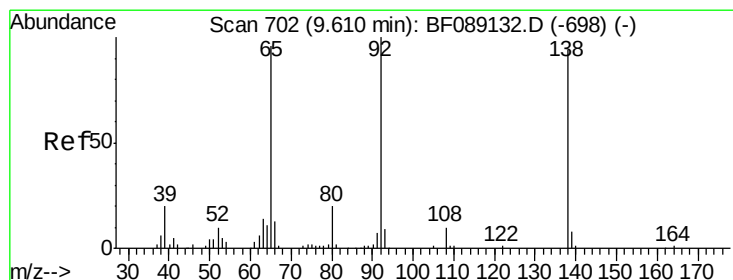
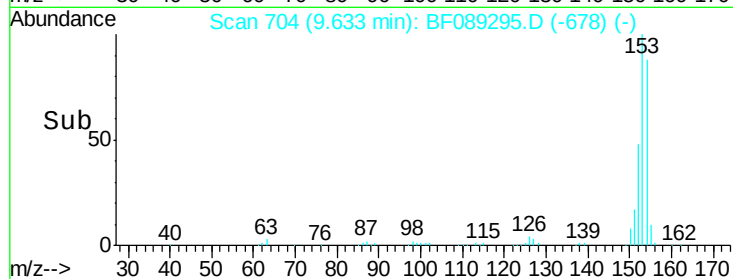
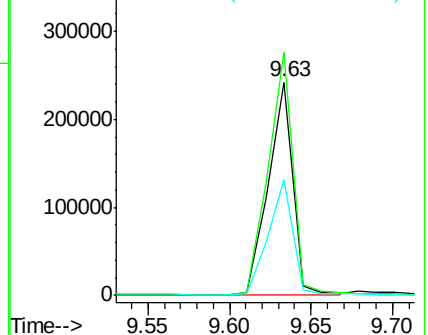
152 54.4 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.45 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

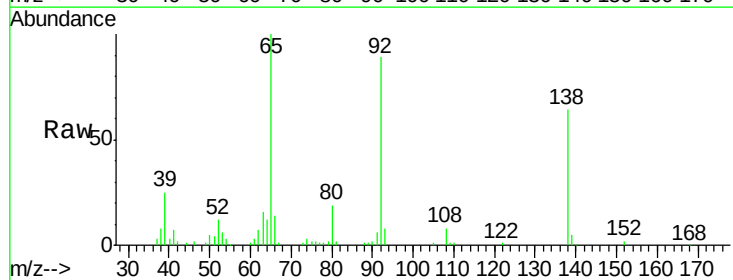
Tgt Ion:138 Resp: 80512

Ion Ratio Lower Upper

138 100

108 12.8 8.8 13.2

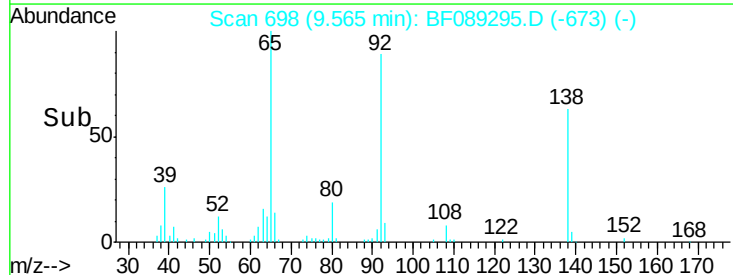
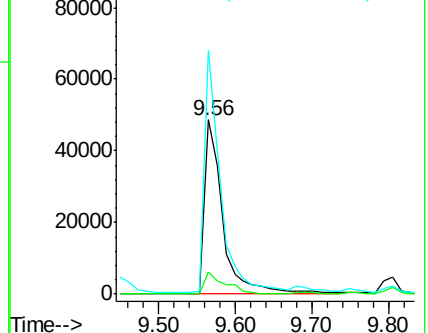
92 139.7 85.3 127.9#

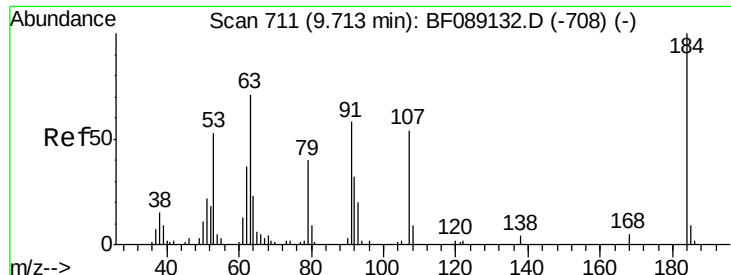


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

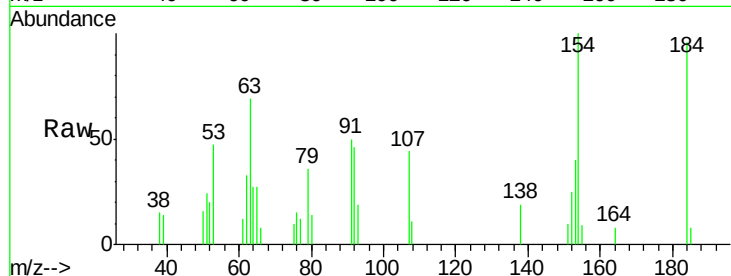




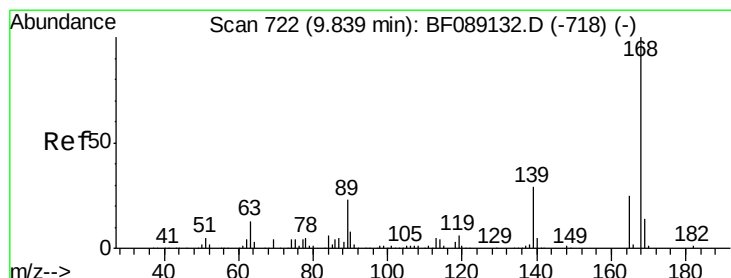
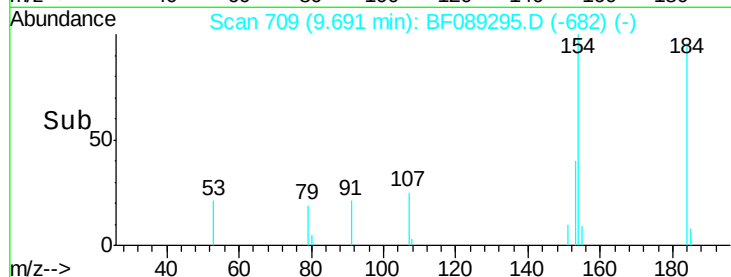
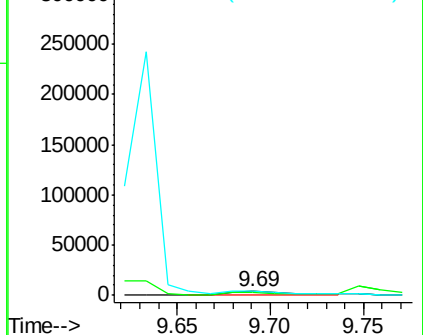
#53
 2,4-Dinitrophenol
 Concen: 17.34 ng
 RT: 9.69 min Scan# 709
 Delta R.T. 0.01 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 8868
 Ion Ratio Lower Upper
 184 100
 63 71.5 60.3 90.5
 154 104.3 60.7 91.1#

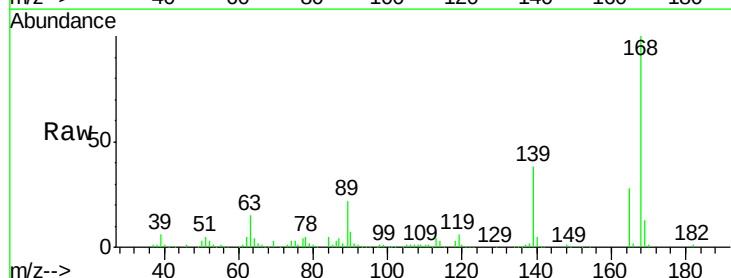


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

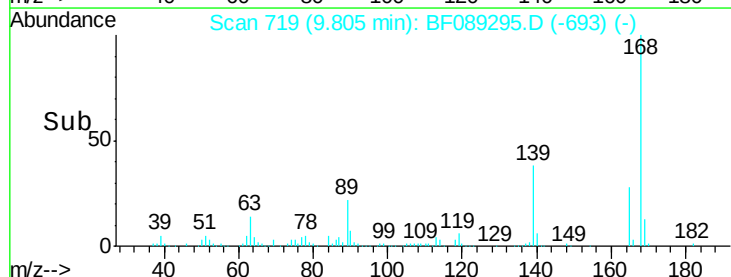
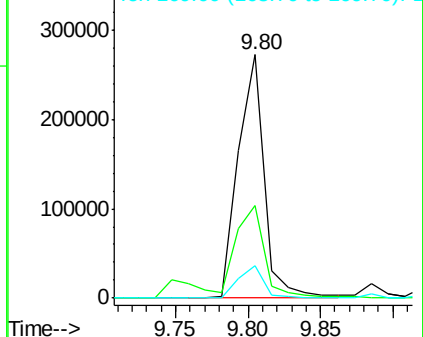


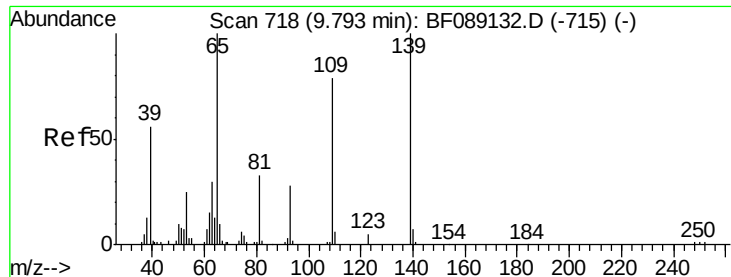
#54
 Dibenzofuran
 Concen: 38.67 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion:168 Resp: 338418
 Ion Ratio Lower Upper
 168 100
 139 38.0 34.4 51.6
 169 13.1 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: 28.39 ng/mL

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

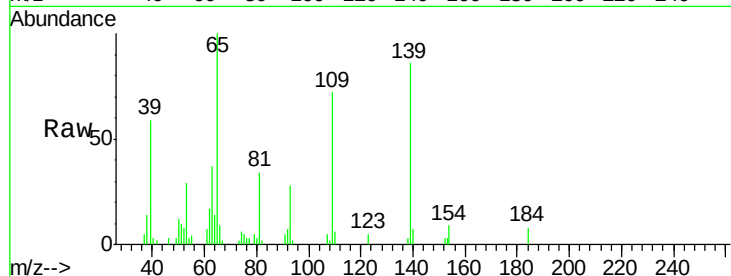
Tot Ion:139 Resp: 35965

Ion Ratio Lower Upper

139 100

109 83.4 58.7 98.7

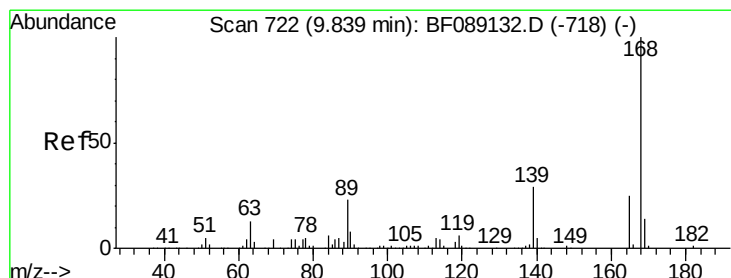
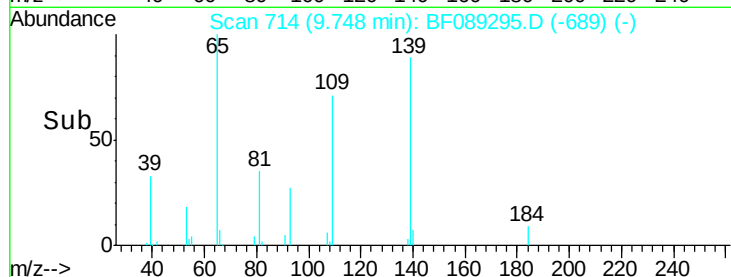
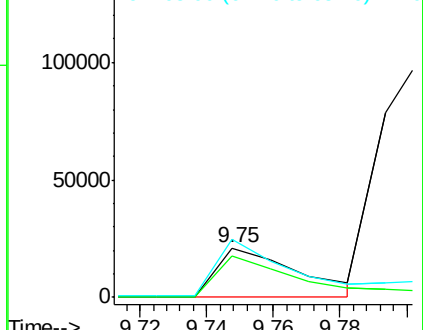
65 116.1 80.2 120.2



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): E



#56

2,4-Dinitrotoluene

Concen: 37.35 ng/mL

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Tgt Ion:165 Resp: 84826

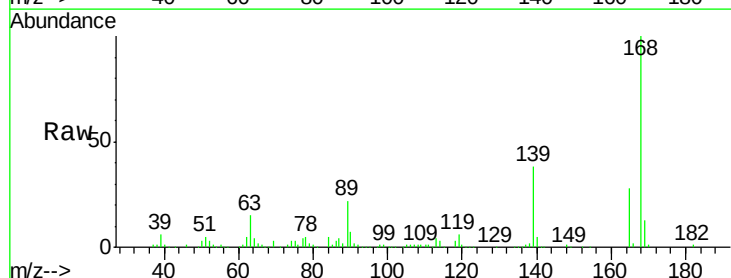
Ion Ratio Lower Upper

165 100

63 52.9 55.4 83.2#

89 79.2 74.3 111.5

182 2.7 2.0 3.0

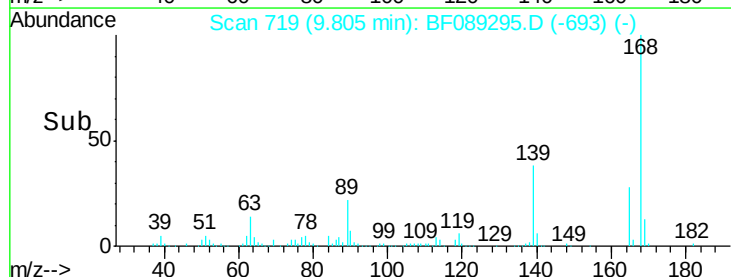
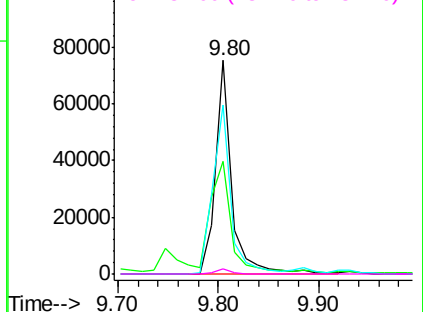


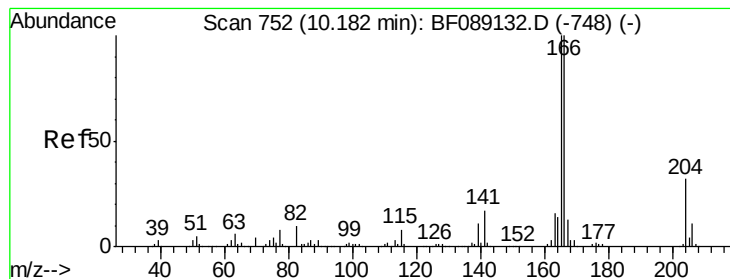
Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.48 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

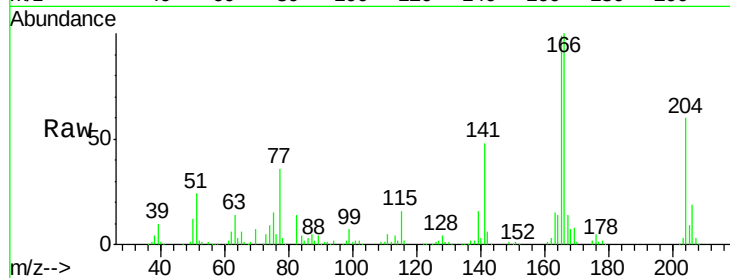
Tot Ion:166 Resp: 263612

Ion Ratio Lower Upper

166 100

165 98.6 79.9 119.9

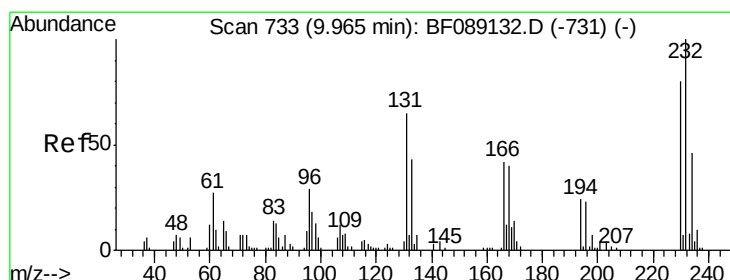
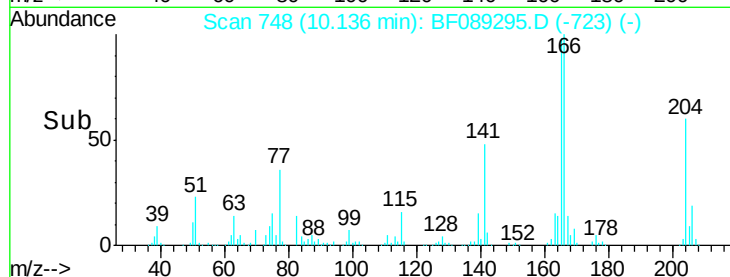
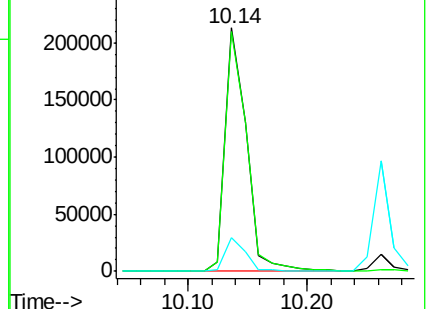
167 14.0 10.7 16.1



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: 36.70 ng m

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Tgt Ion:232 Resp: 56011

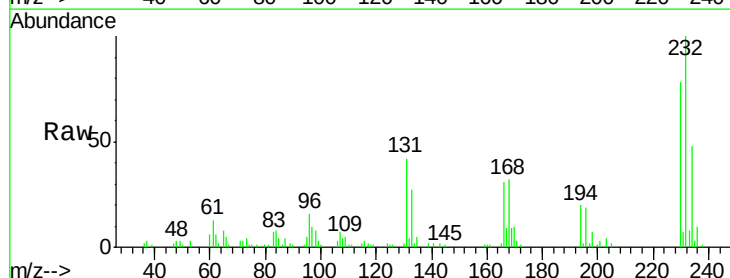
Ion Ratio Lower Upper

232 100

131 44.9 46.2 69.2#

130 2.2 2.3 3.5#

166 27.4 29.5 44.3#

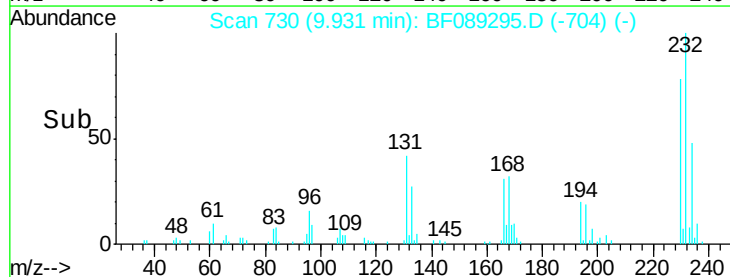
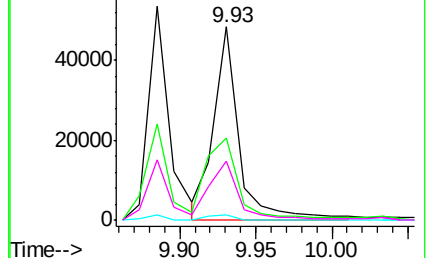


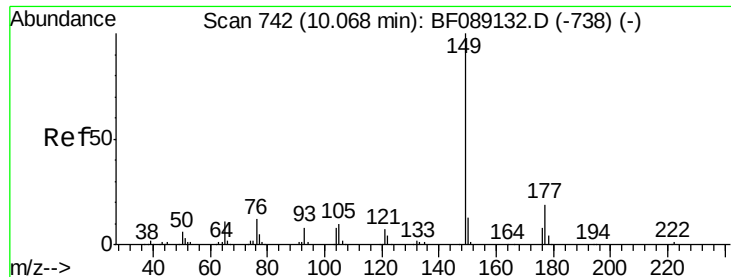
Abundance Ion 232.00 (231.70 to 232.70): E

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

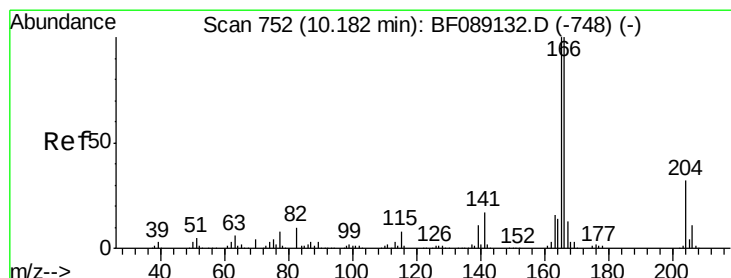
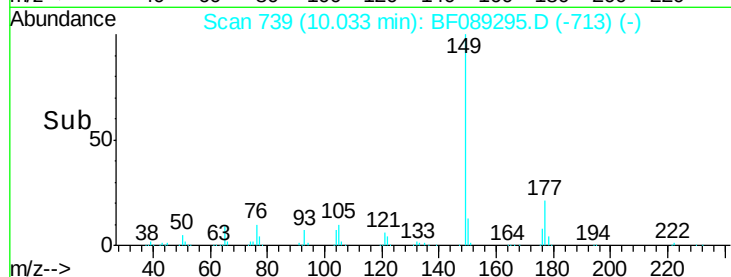
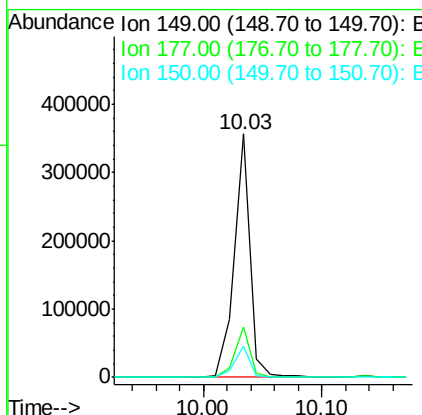
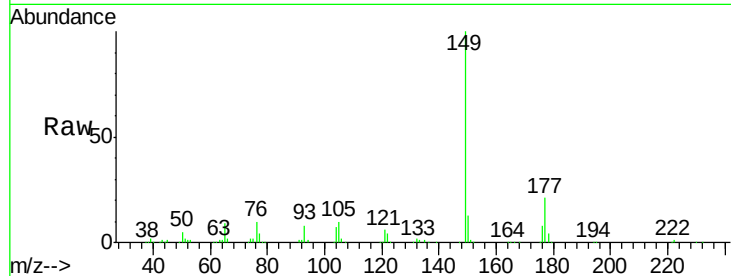




#59
Diethylphthalate
Concen: 42.49 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

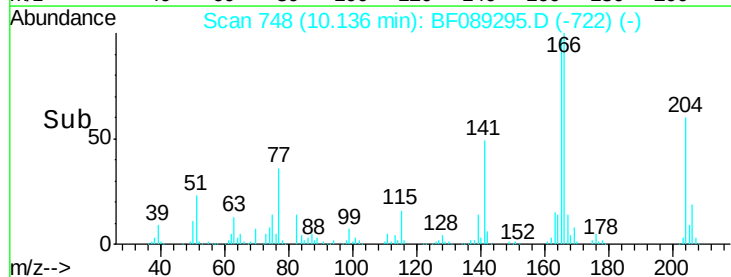
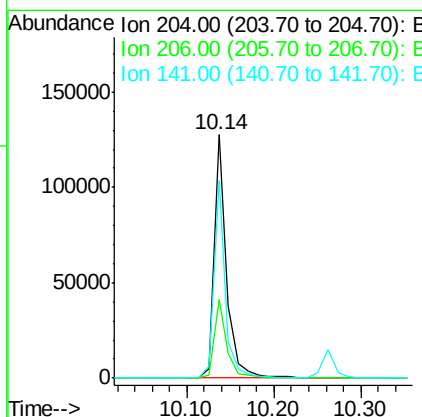
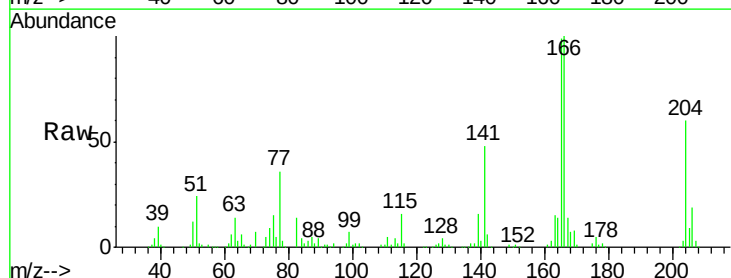
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

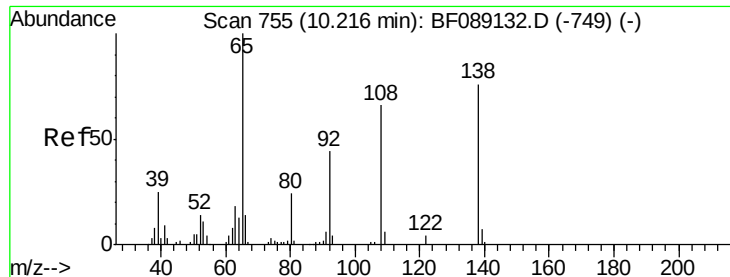
Tot Ion:149 Resp: 328994
Ion Ratio Lower Upper
149 100
177 20.6 15.6 23.4
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 37.71 ng
RT: 10.14 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Tgt Ion:204 Resp: 127903
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.4
141 80.9 42.2 63.4#

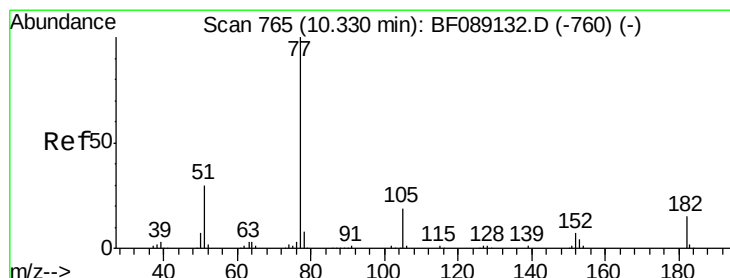
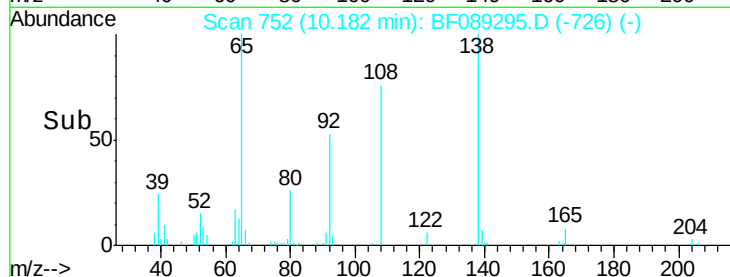
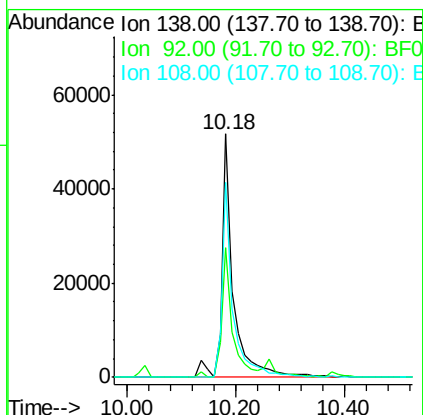
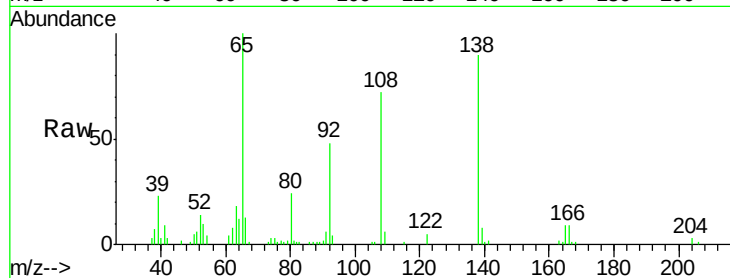




#61
4-Nitroaniline
Concen: 38.37 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

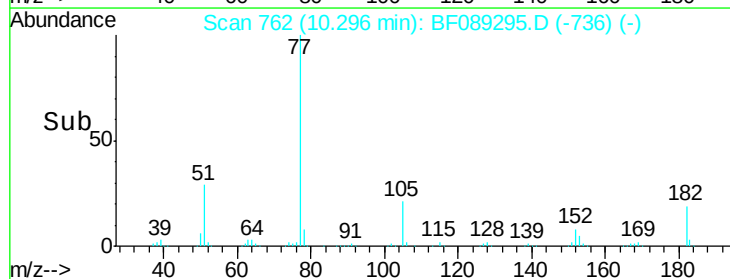
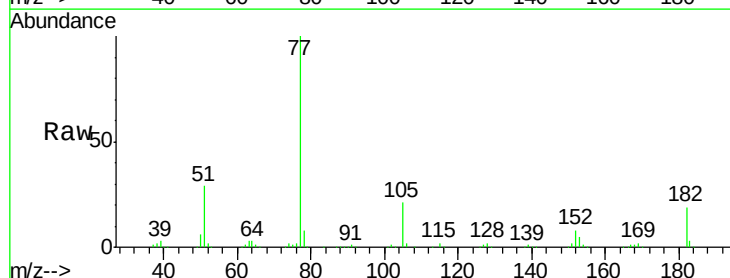
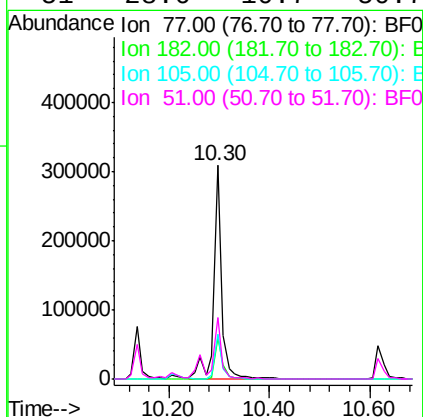
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

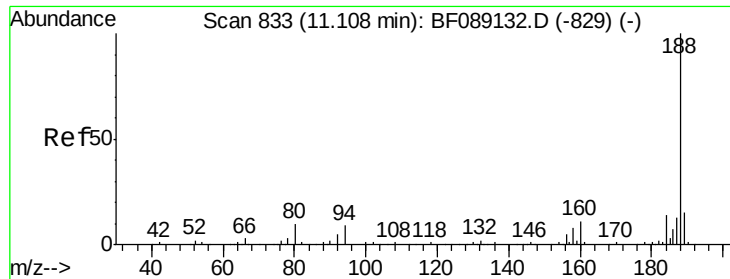
Tot Ion:138 Resp: 78160
Ion Ratio Lower Upper
138 100
92 53.3 37.2 77.2
108 80.2 66.1 106.1



#62
Azobenzene
Concen: 39.73 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Tgt Ion: 77 Resp: 334366
Ion Ratio Lower Upper
77 100
182 19.1 0.0 35.0
105 20.9 0.0 39.4
51 28.6 10.7 50.7

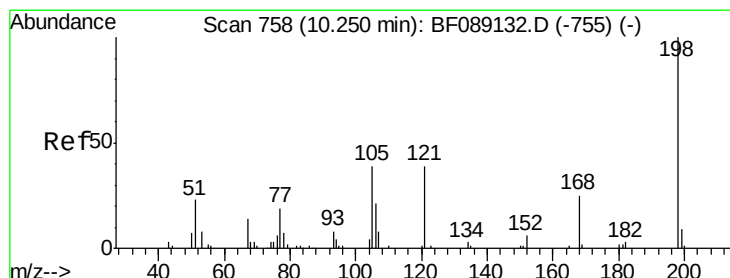
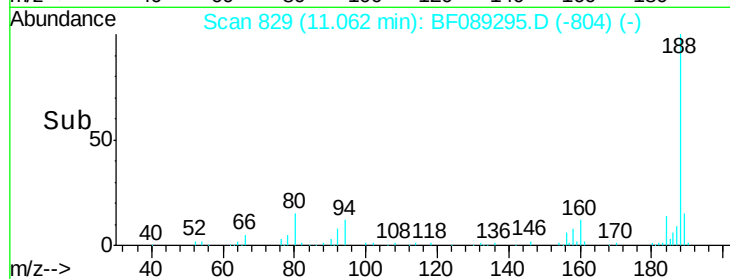
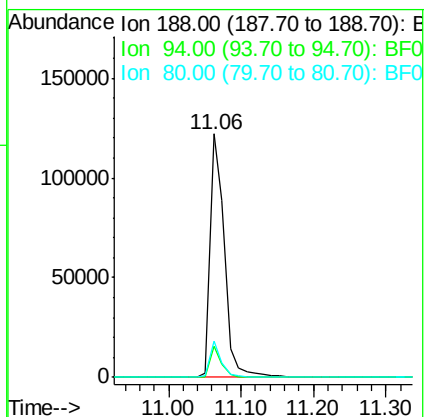
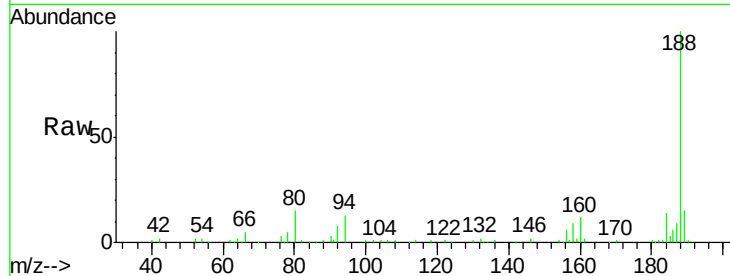




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

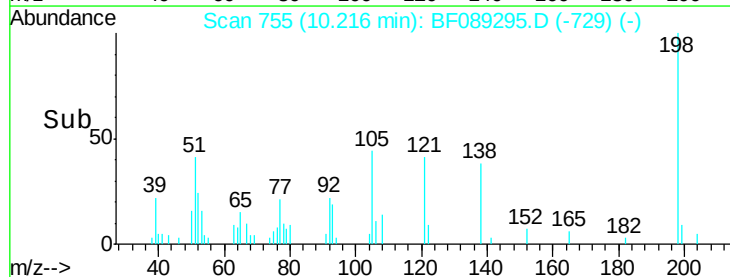
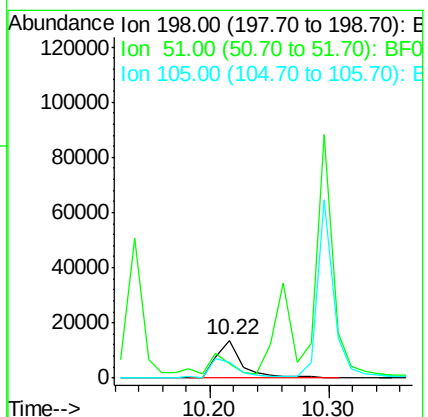
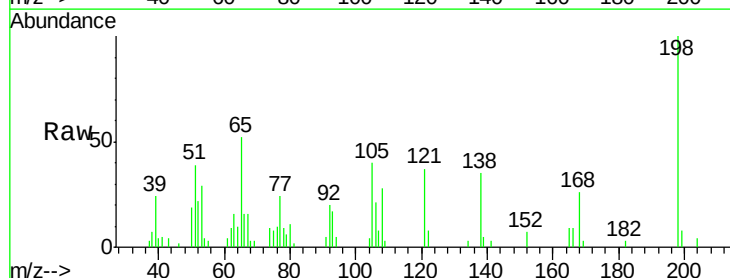
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

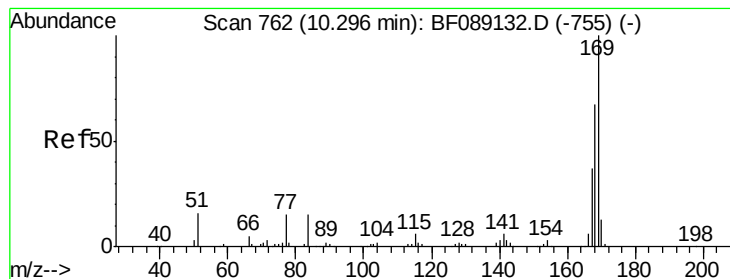
Tot Ion:188 Resp: 166333
 Ion Ratio Lower Upper
 188 100
 94 12.6 7.0 10.4#
 80 14.9 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 21.24 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion:198 Resp: 20565
 Ion Ratio Lower Upper
 198 100
 51 39.2 11.7 51.7
 105 40.1 20.3 60.3





#65

n-Nitrosodiphenylamine

Concen: 46.84 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

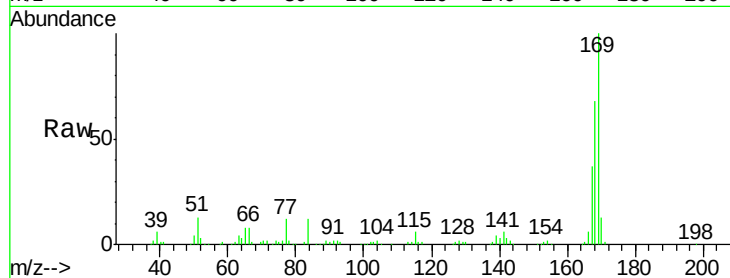
Tot Ion:169 Resp: 260374

Ion Ratio Lower Upper

169 100

168 68.0 53.4 80.0

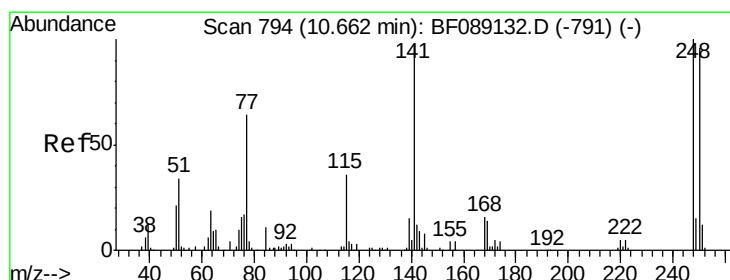
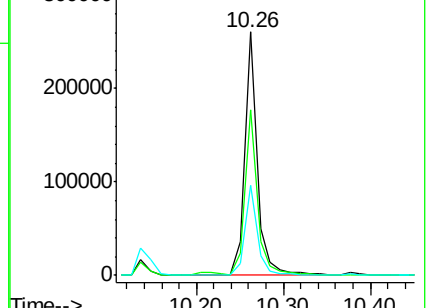
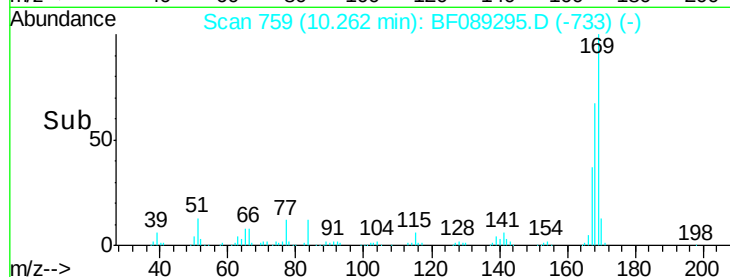
167 37.2 29.5 44.3



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: 43.55 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

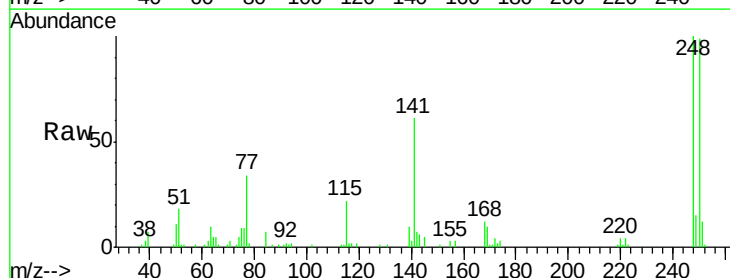
Tgt Ion:248 Resp: 71690

Ion Ratio Lower Upper

248 100

250 99.5 76.9 115.3

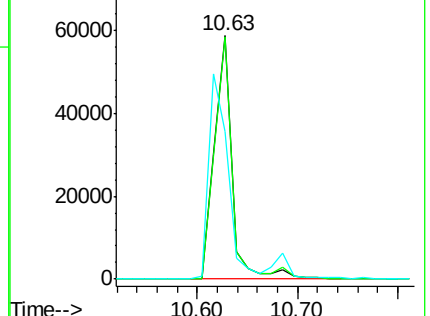
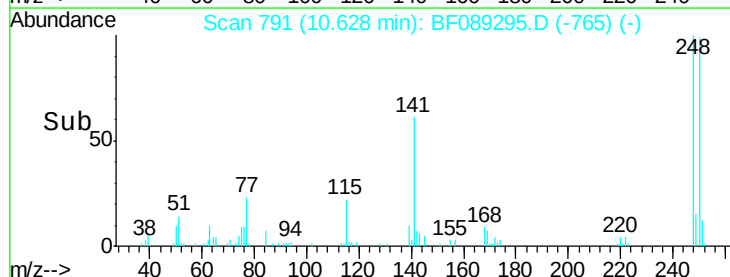
141 60.9 77.4 116.2#

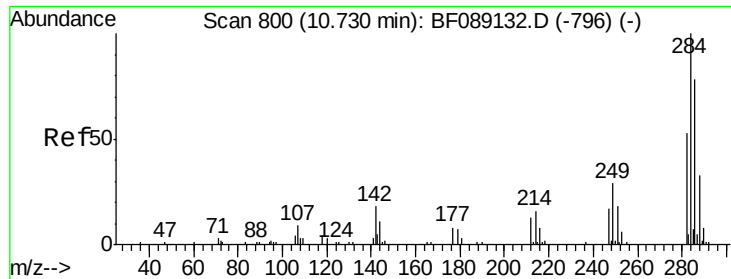


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.50 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

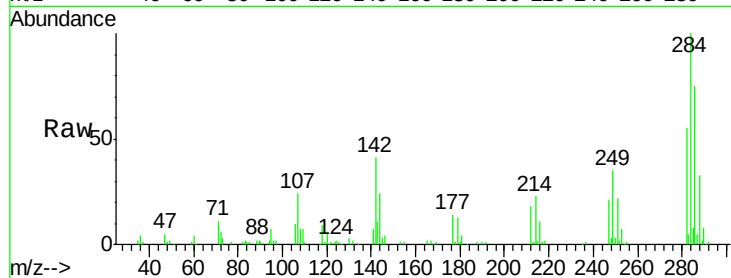
Tot Ion:284 Resp: 73465

Ion Ratio Lower Upper

284 100

142 40.6 14.1 21.1#

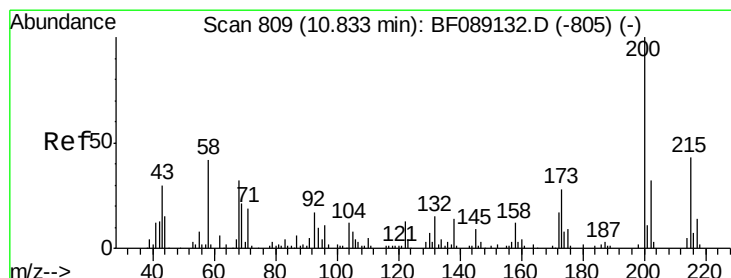
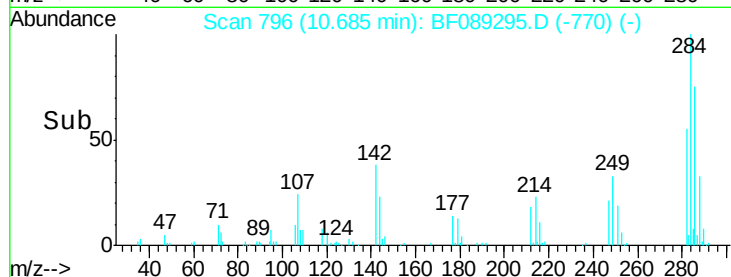
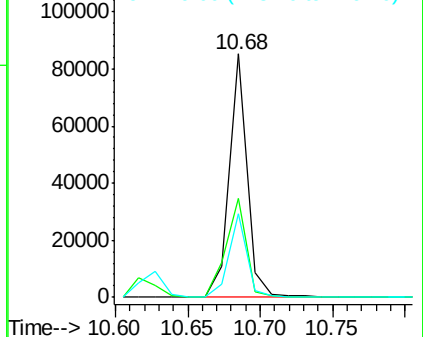
249 34.6 23.0 34.4#



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: 40.04 ng

RT: 10.79 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

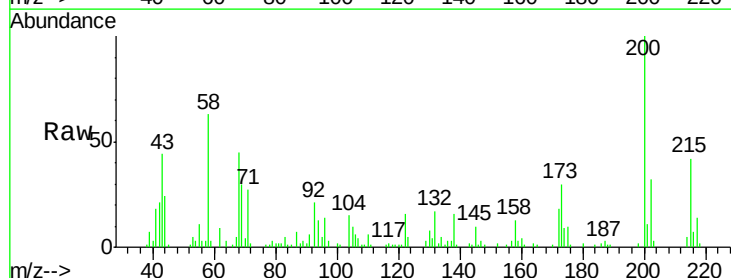
Tgt Ion:200 Resp: 69604

Ion Ratio Lower Upper

200 100

173 30.2 7.8 47.8

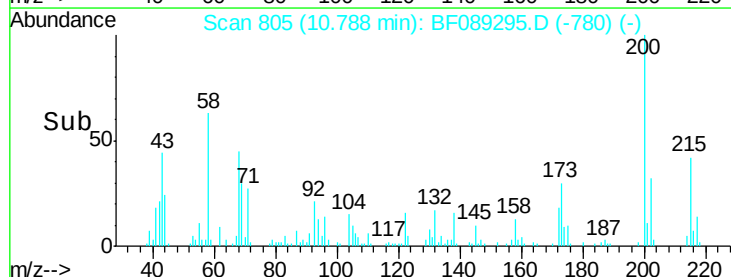
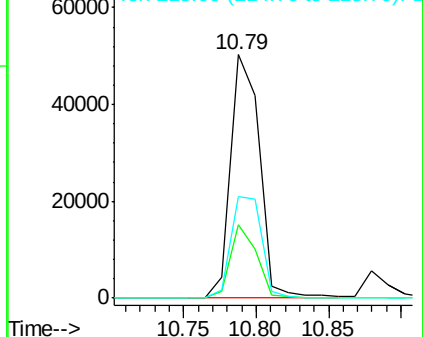
215 41.8 22.9 62.9

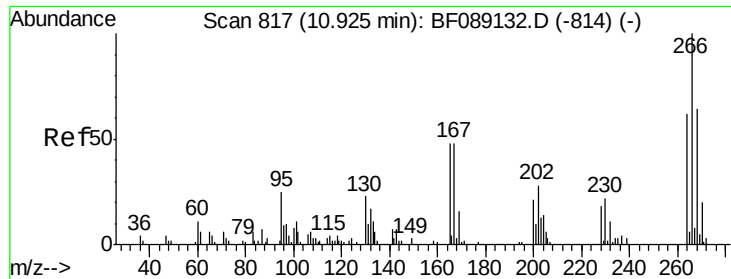


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

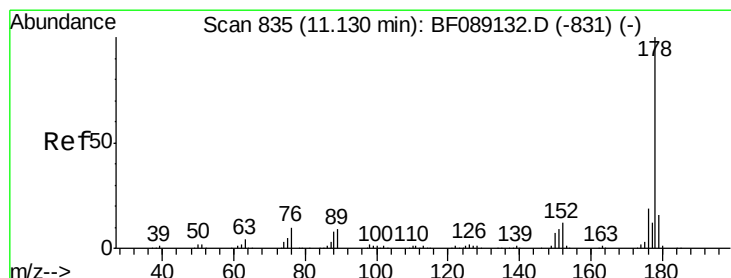
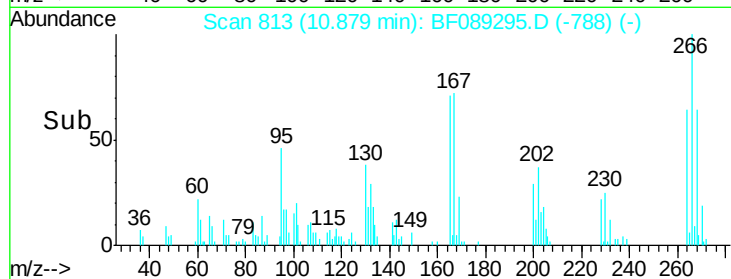
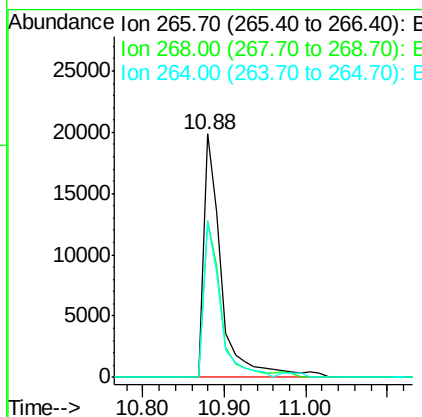
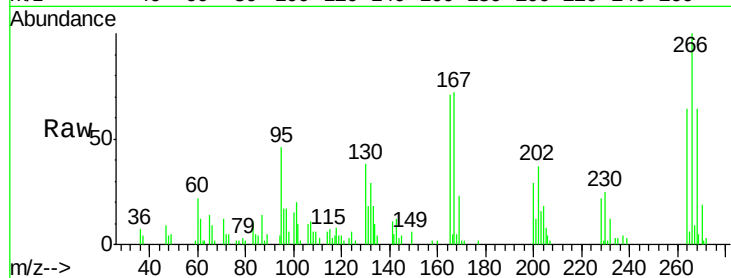




#69
 Pentachlorophenol
 Concen: 37.20 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

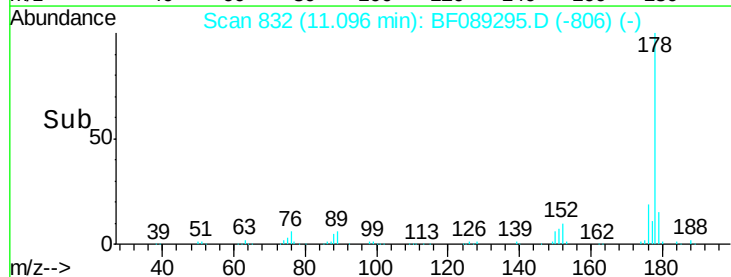
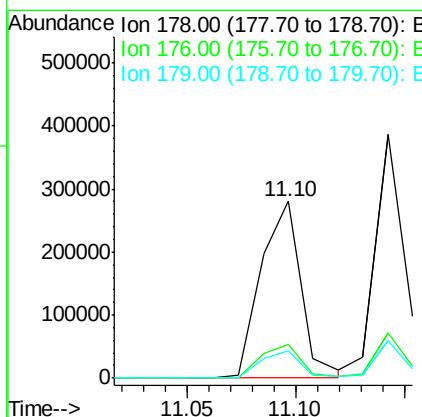
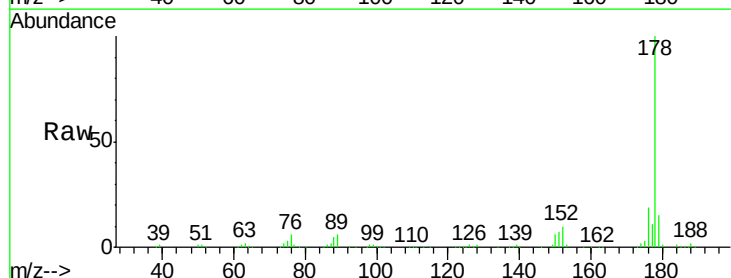
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

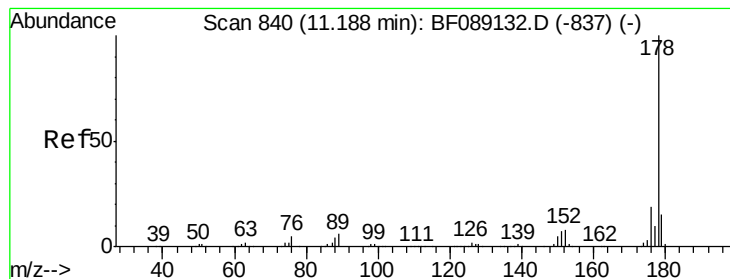
Tot Ion:266 Resp: 30386
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.2 76.8
 264 63.9 49.7 74.5



#70
 Phenanthrene
 Concen: 39.44 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion:178 Resp: 359847
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.2 12.4 18.6





#71

Anthracene

Concen: 41.93 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

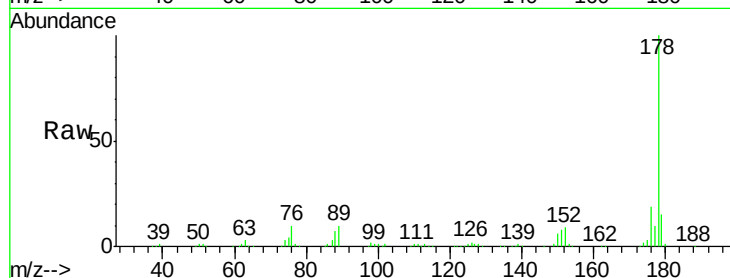
Tot Ion:178 Resp: 397621

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.4 12.0 18.0



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

11.14

400000

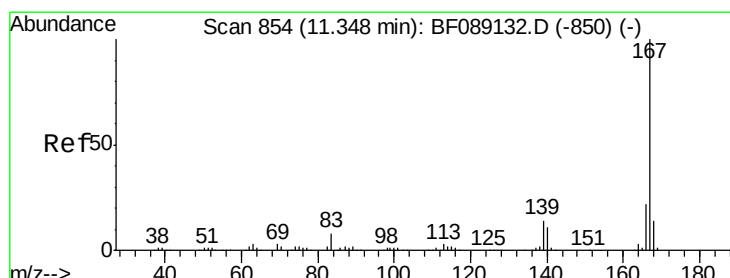
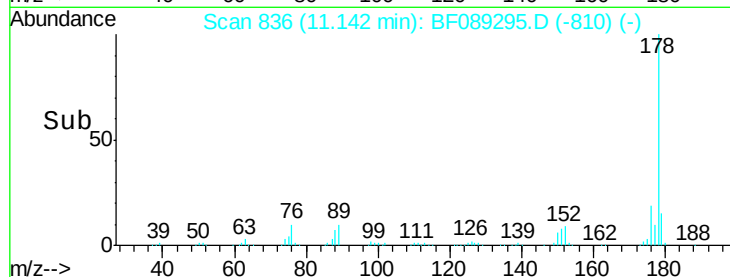
300000

200000

100000

0

Time--> 11.00 11.20 11.40



#72

Carbazole

Concen: 39.44 ng

RT: 11.30 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

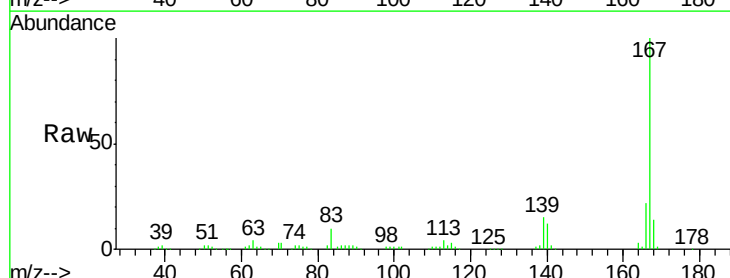
Tgt Ion:167 Resp: 328568

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

139 14.6 11.0 16.4



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

11.30

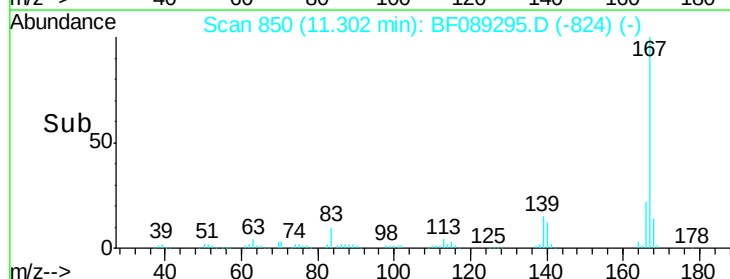
300000

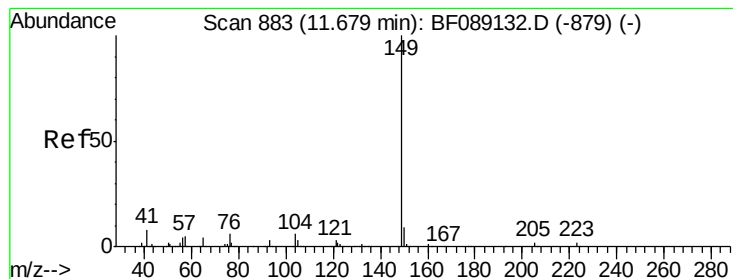
200000

100000

0

Time--> 11.20 11.40 11.60





#73

Di-n-butylphthalate

Concen: 45.46 ng

RT: 11.65 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

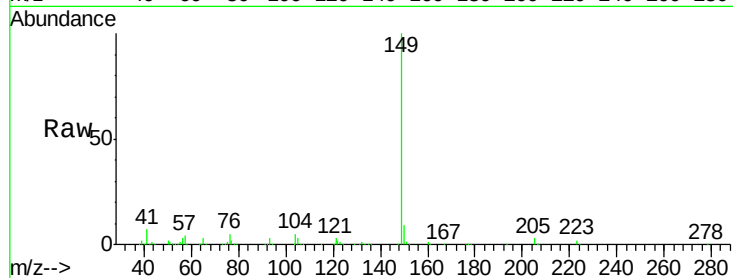
Tot Ion:149 Resp: 468445

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

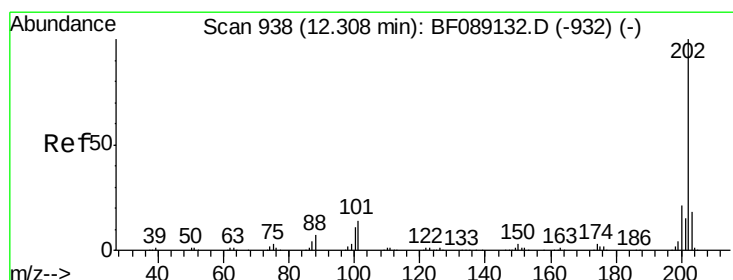
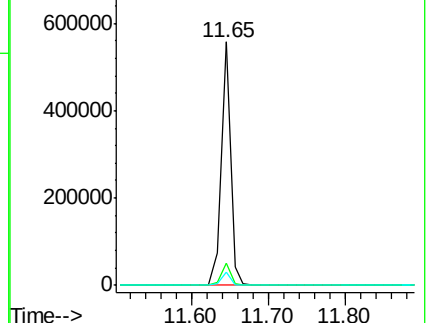
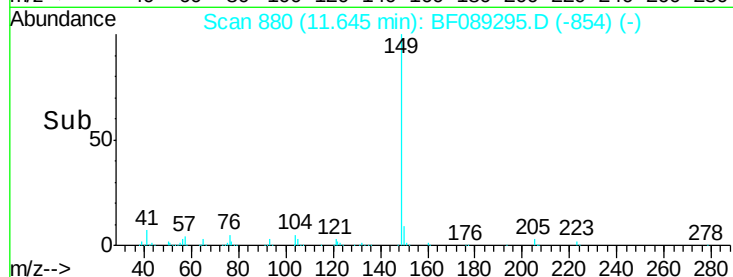
104 5.3 4.6 6.8



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: 35.50 ng

RT: 12.27 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

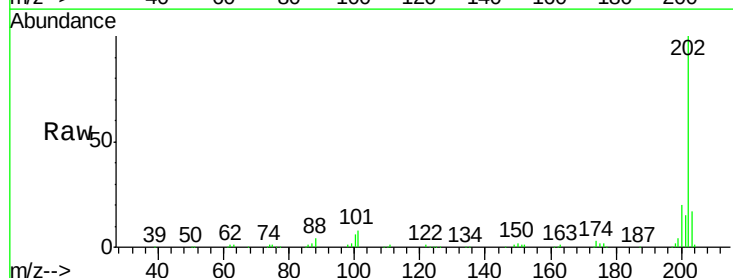
Tgt Ion:202 Resp: 340486

Ion Ratio Lower Upper

202 100

101 8.0 0.0 34.0

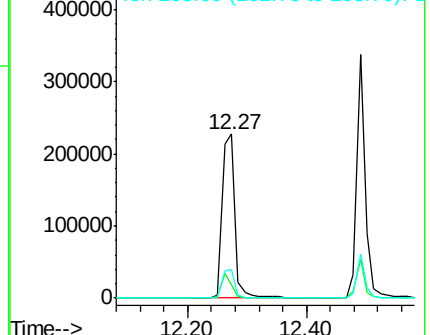
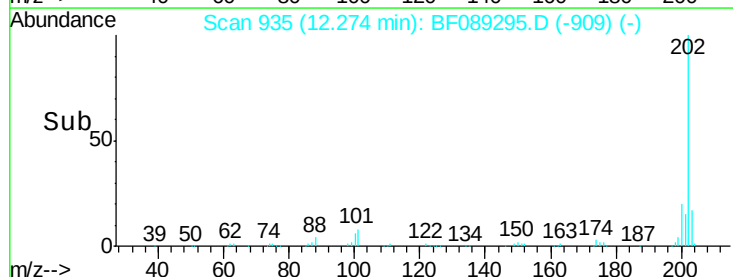
203 17.2 0.0 37.8

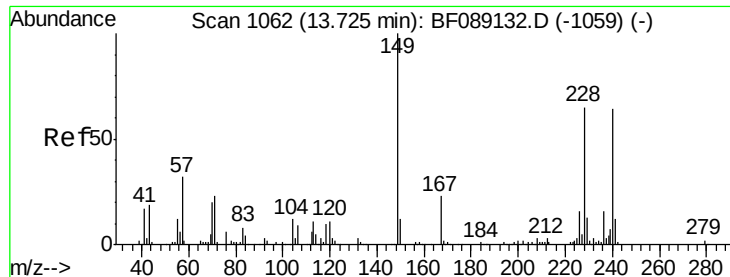


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

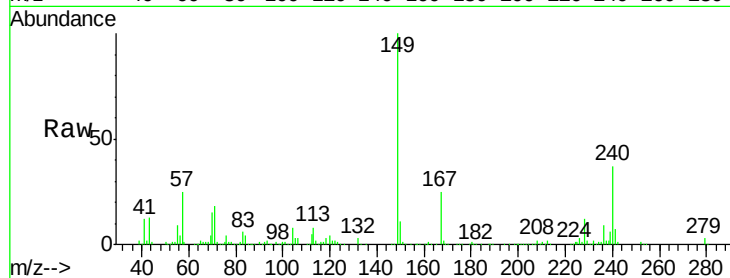
Tot Ion:240 Resp: 106572

Ion Ratio Lower Upper

240 100

120 10.0 13.6 20.4#

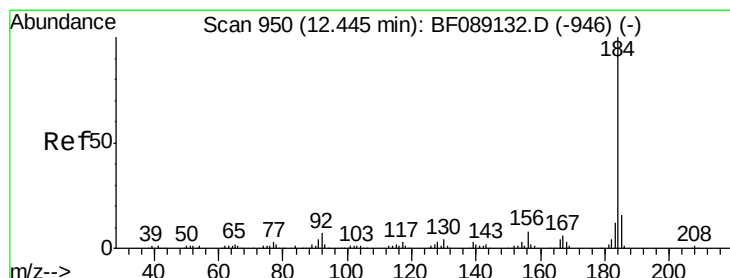
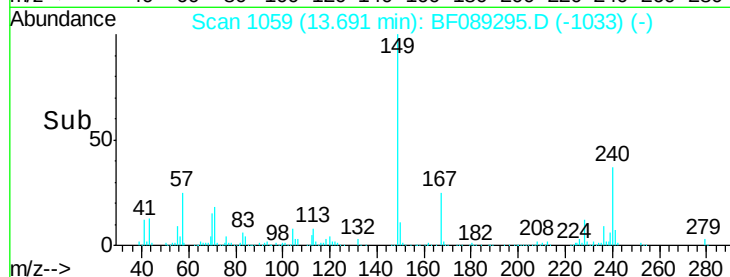
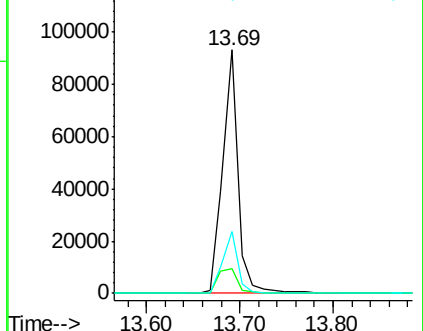
236 25.3 20.5 30.7



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: 44.17 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

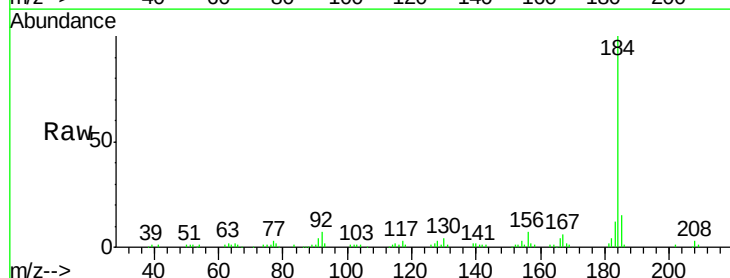
Tgt Ion:184 Resp: 161852

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

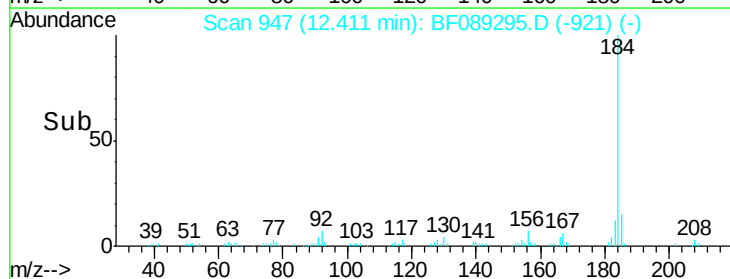
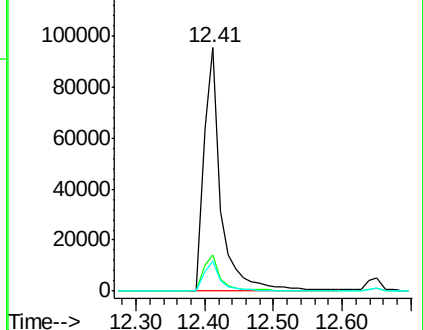
183 12.2 9.6 14.4

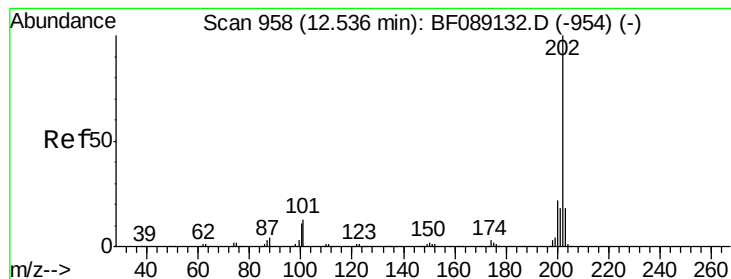


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.04 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

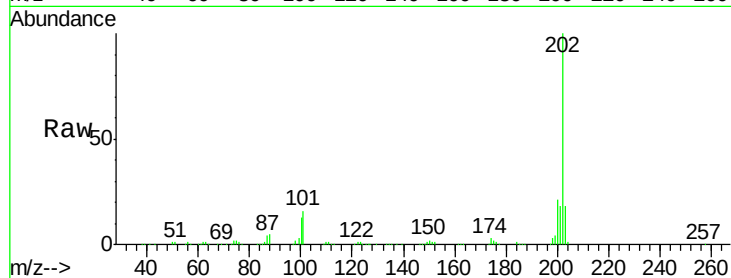
Tot Ion:202 Resp: 334775

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.0

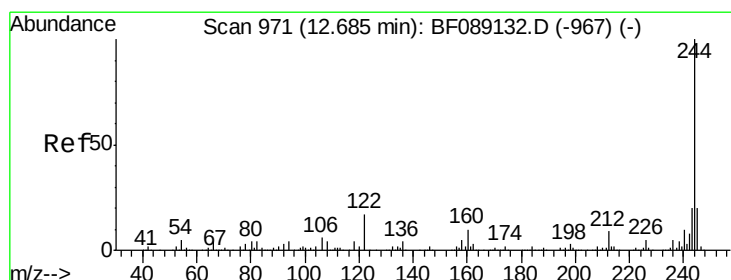
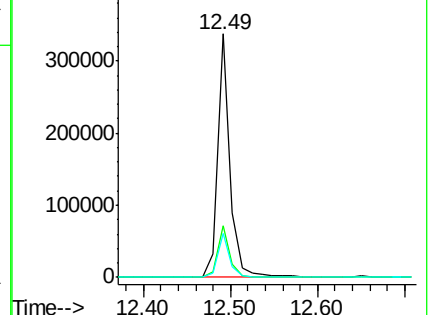
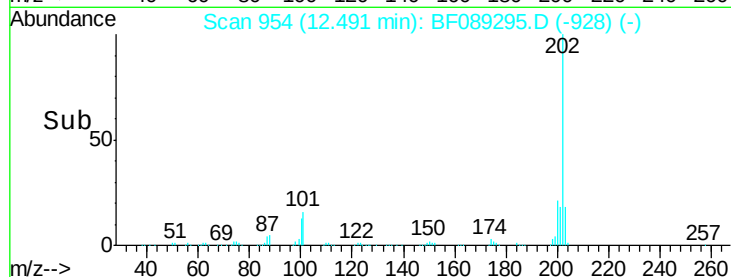
203 17.8 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.15 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

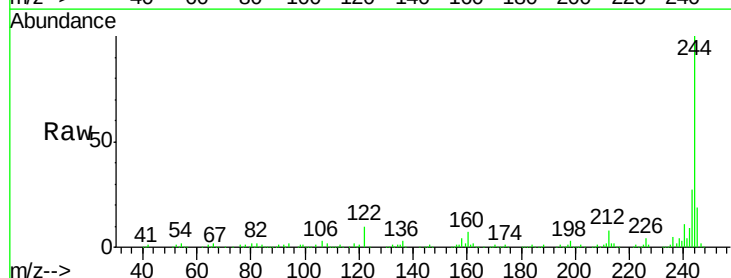
Tgt Ion:244 Resp: 413467

Ion Ratio Lower Upper

244 100

212 7.6 7.0 10.4

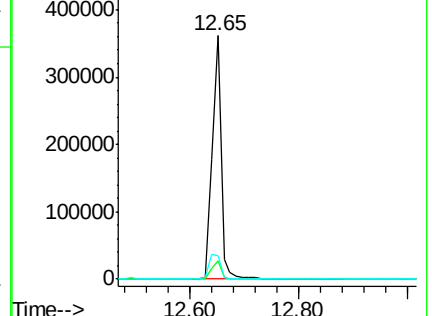
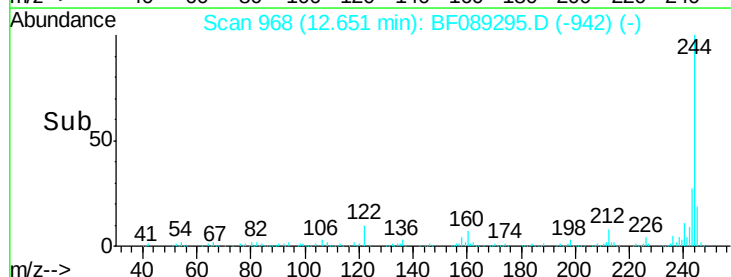
122 9.8 13.8 20.8

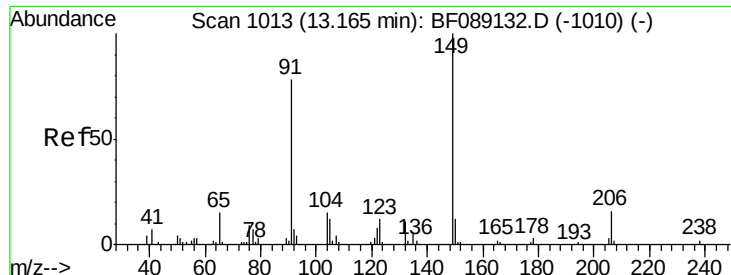


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.60 ng

RT: 13.13 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

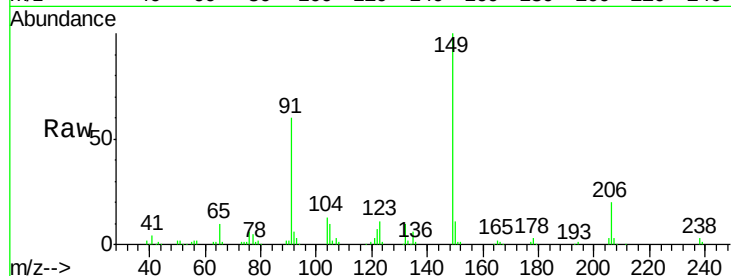
Tot Ion:149 Resp: 162316

Ion Ratio Lower Upper

149 100

91 60.1 62.6 93.8#

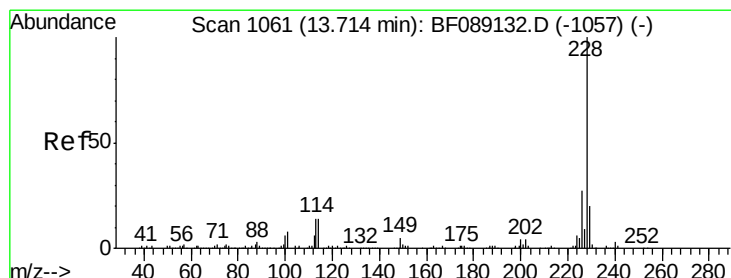
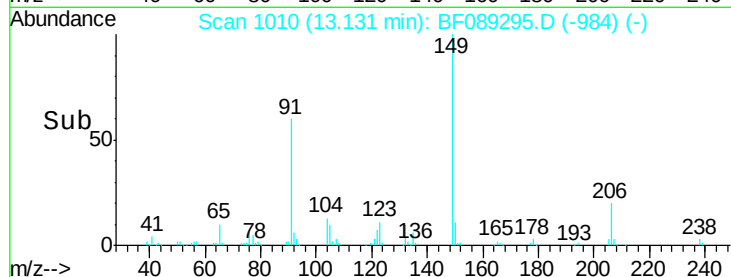
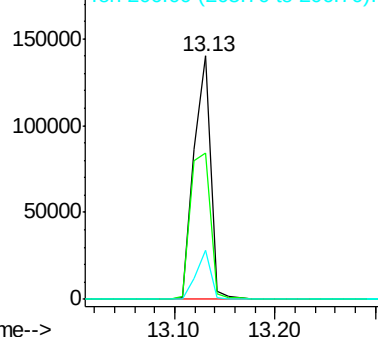
206 20.3 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.27 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

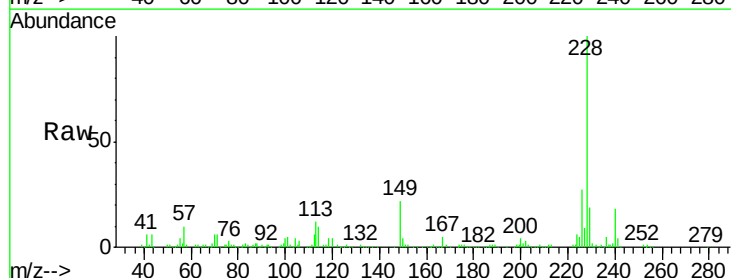
Tgt Ion:228 Resp: 252972

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

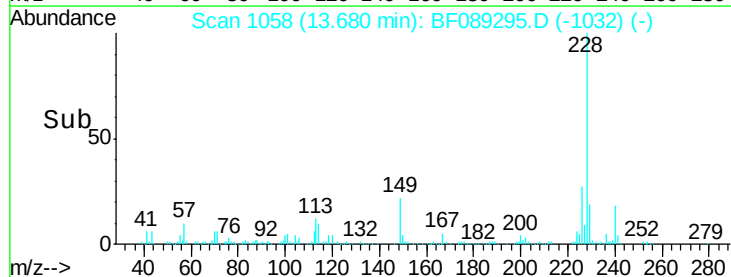
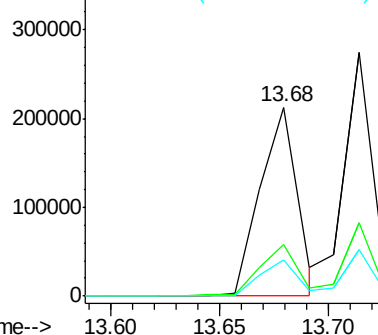
229 19.3 15.8 23.8

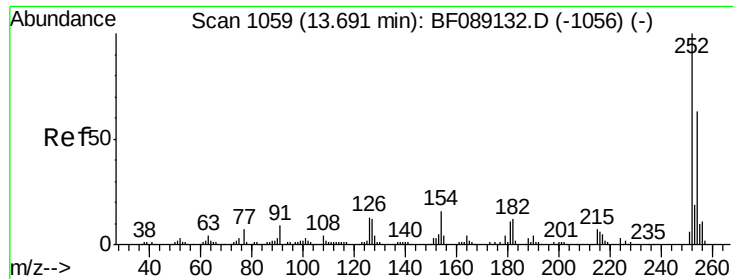


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

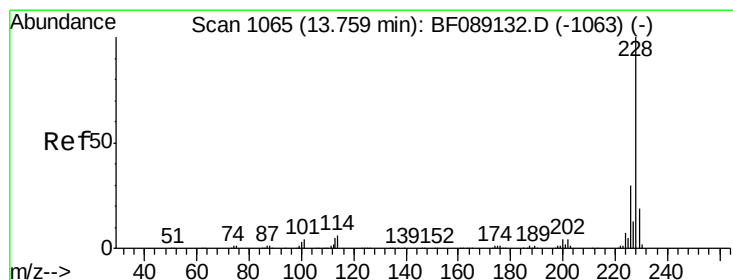
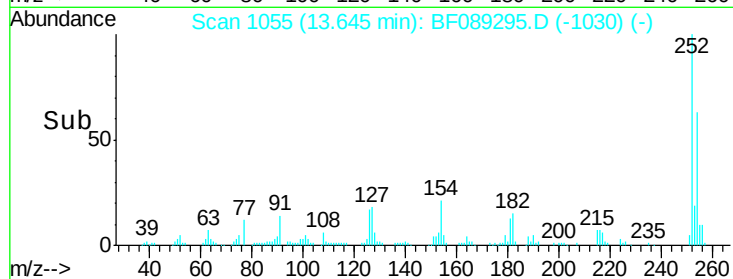
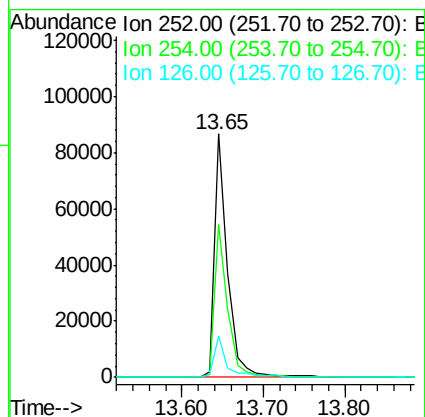
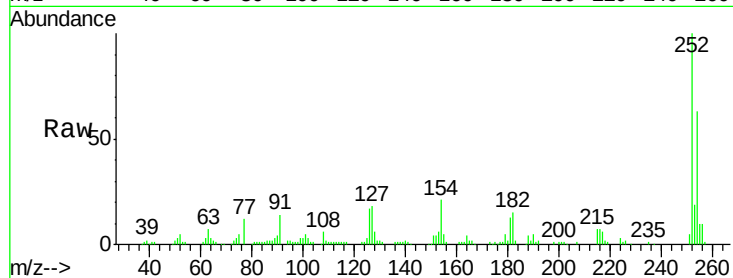




#81
 3,3'-Dichlorobenzidine
 Concen: 43.16 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

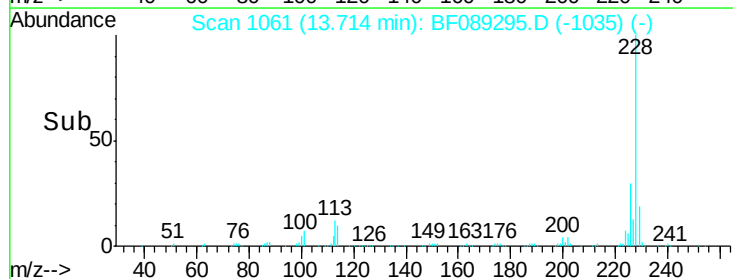
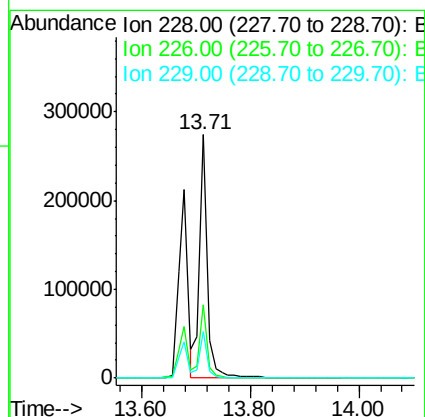
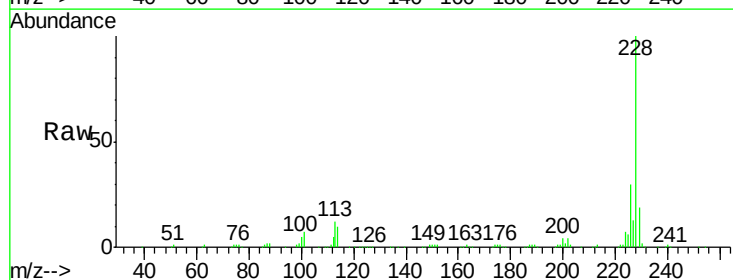
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

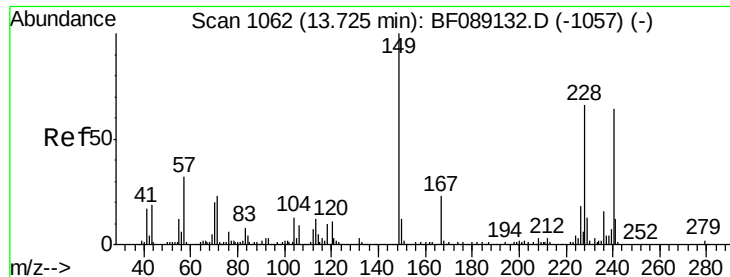
Tot Ion:252 Resp: 97178
 Ion Ratio Lower Upper
 252 100
 254 62.8 50.4 75.6
 126 16.8 10.2 15.2#



#82
 Chrysene
 Concen: 42.30 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion:228 Resp: 274254
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.8 35.8
 229 19.1 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.96 ng

RT: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

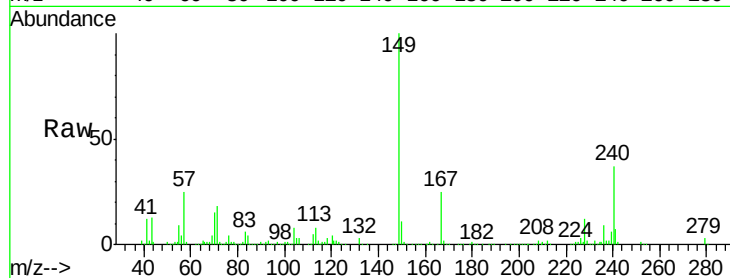
Tot Ion:149 Resp: 222029

Ion Ratio Lower Upper

149 100

167 25.2 18.6 28.0

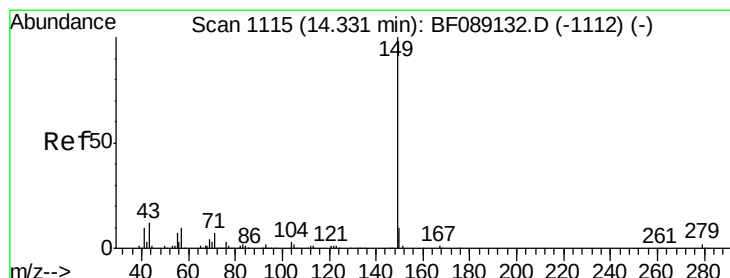
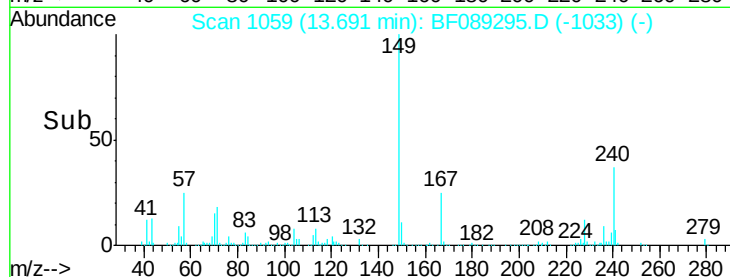
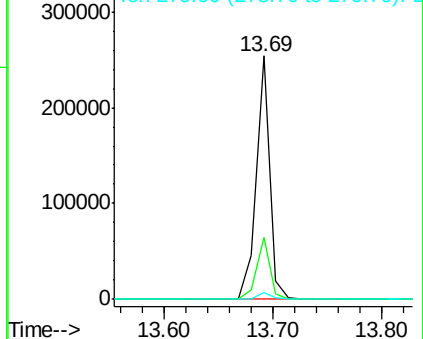
279 2.6 1.6 2.4#



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: 43.48 ng

RT: 14.30 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

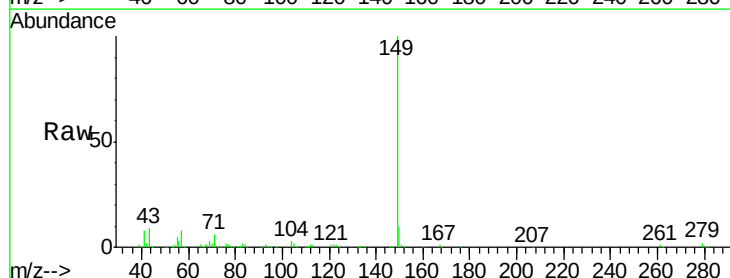
Tgt Ion:149 Resp: 354312

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

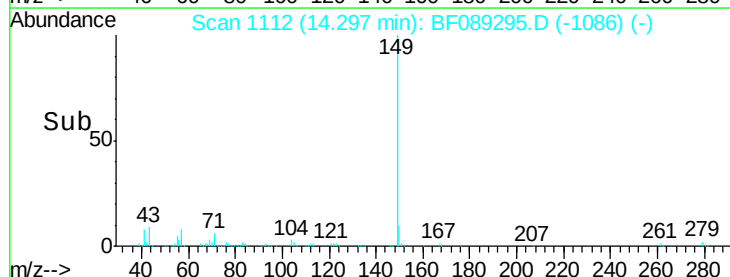
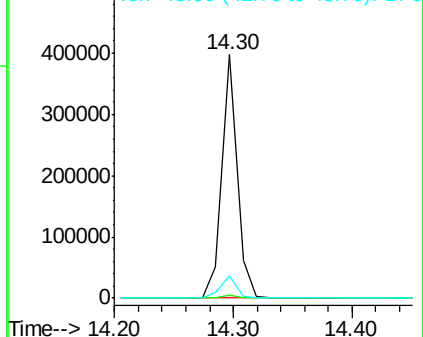
43 9.6 7.3 10.9

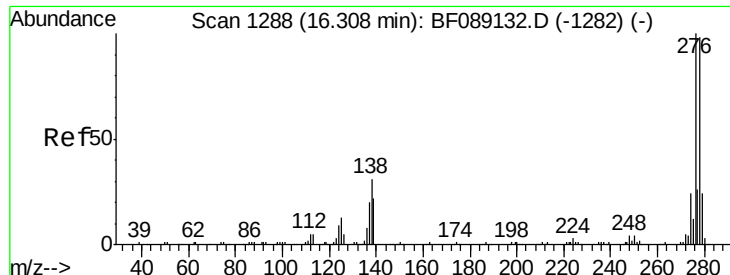


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

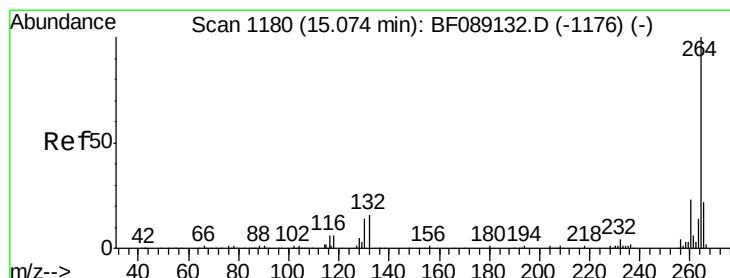
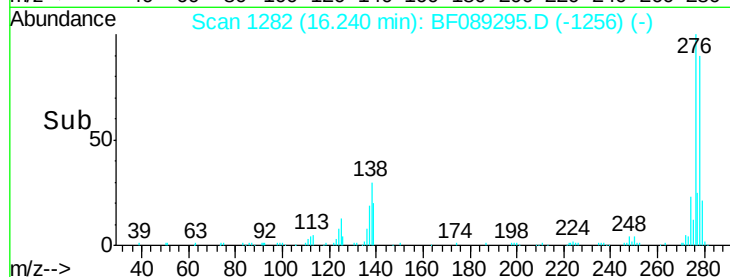
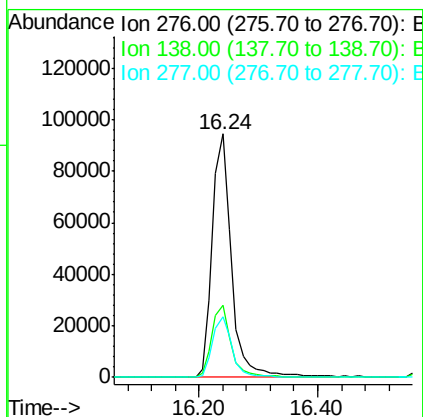
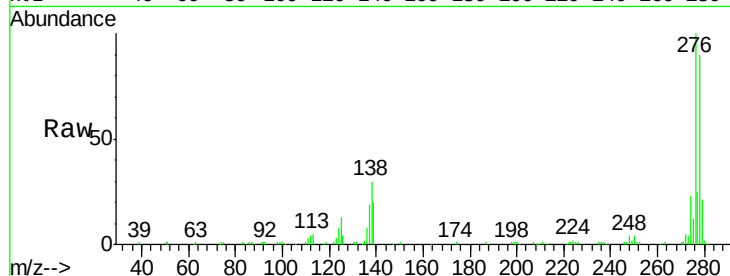




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.46 ng
 RT: 16.24 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

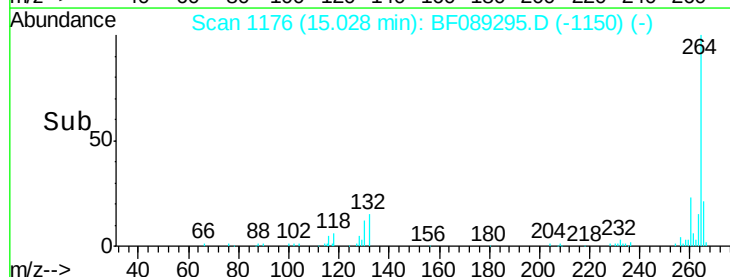
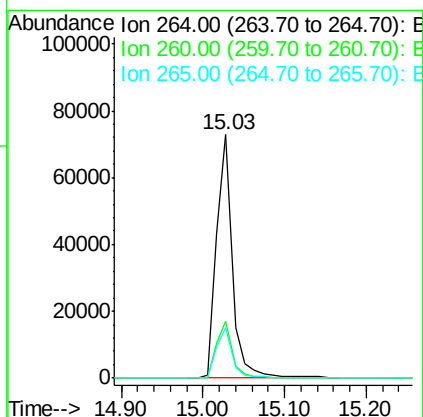
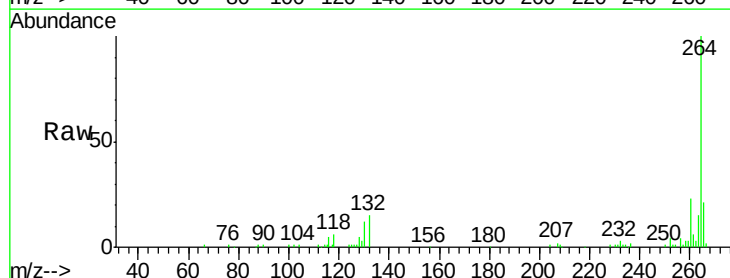
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

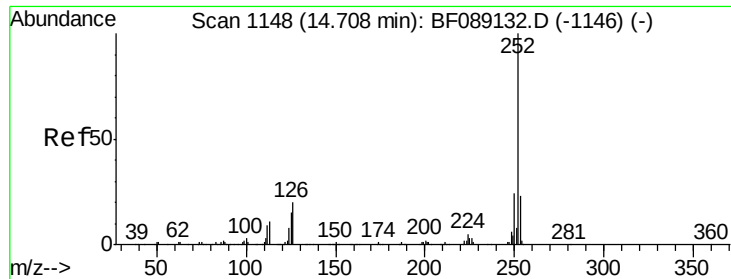
Tot Ion:276 Resp: 214056
 Ion Ratio Lower Upper
 276 100
 138 29.8 23.7 35.5
 277 25.5 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF089295.D
 Acq: 26 Jul 2016 1:19

Tgt Ion:264 Resp: 98547
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 20.5 17.3 25.9

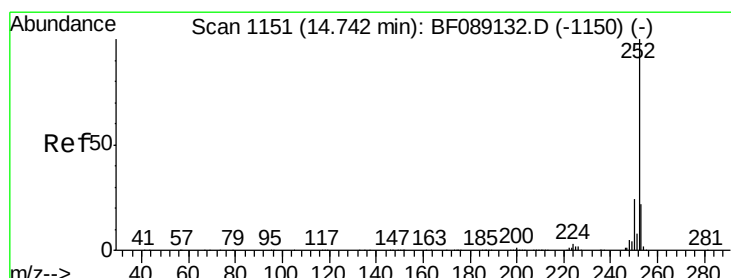
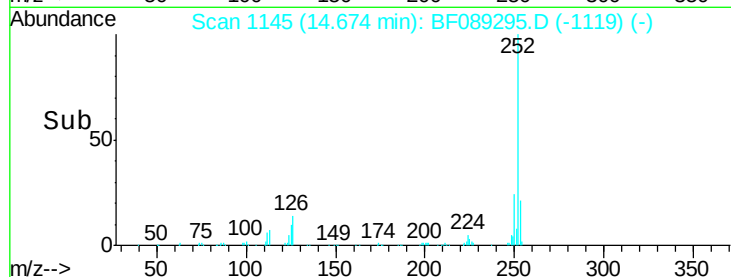
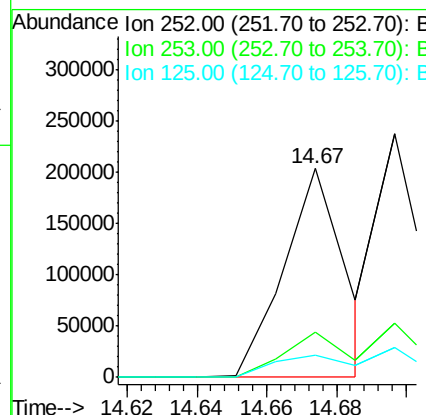
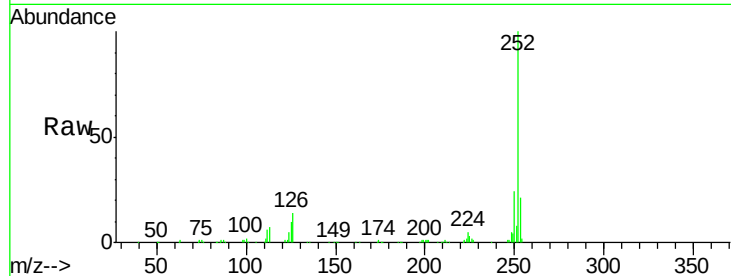




#87
Benzo(b)fluoranthene
Concen: 34.70 ng m
RT: 14.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

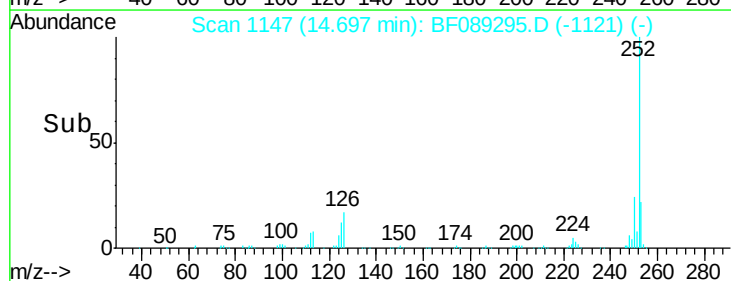
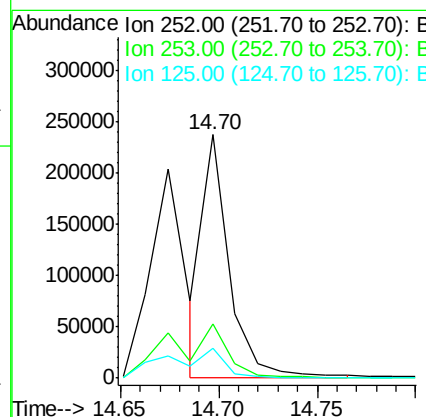
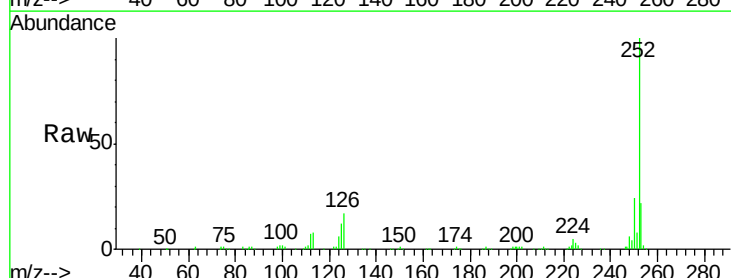
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

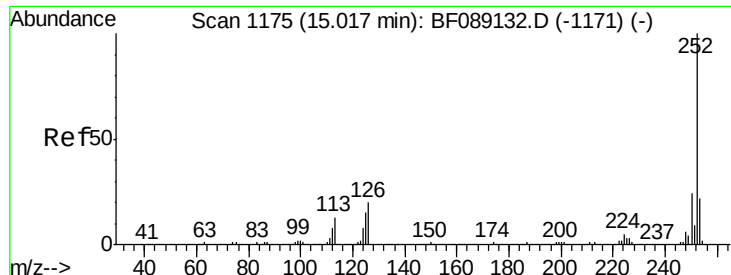
Tot Ion:252 Resp: 247670
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 10.4 11.9 17.9#



#88
Benzo(k)fluoranthene
Concen: 44.55 ng m
RT: 14.70 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Tgt Ion:252 Resp: 227409
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 12.4 6.3 9.5#

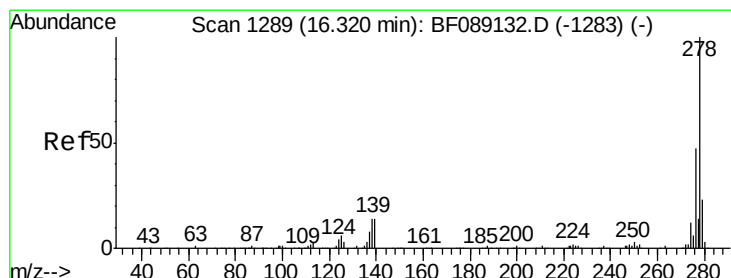
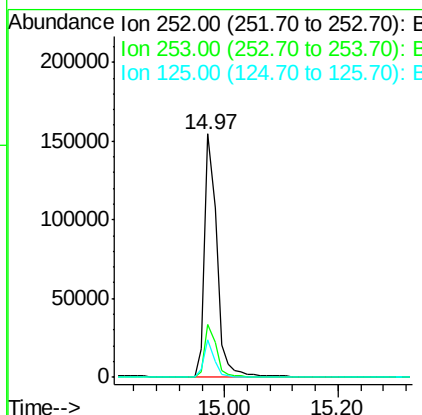
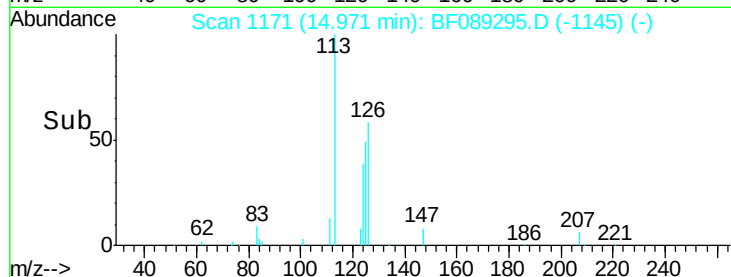
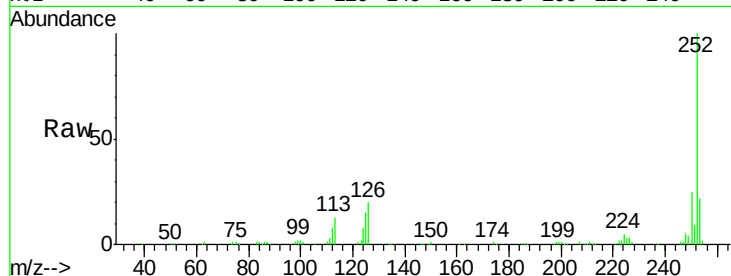




#89
Benzo(a)pyrene
Concen: 40.72 ng
RT: 14.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

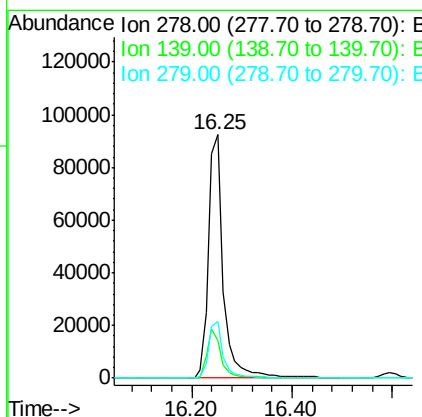
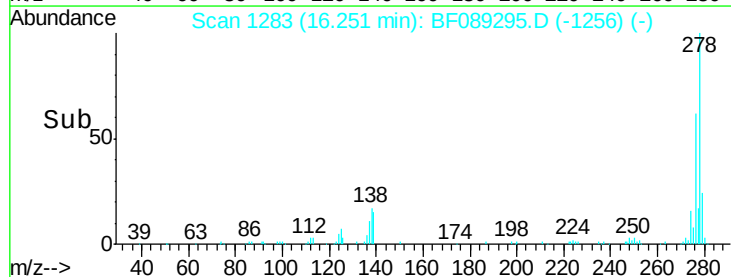
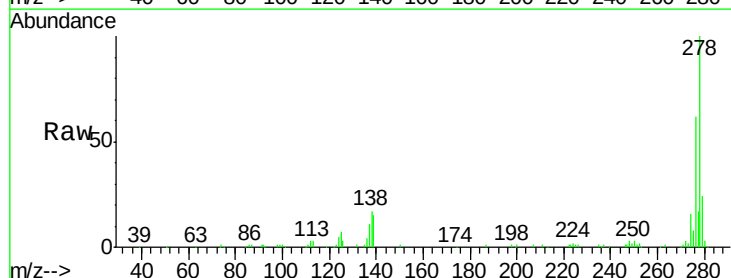
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

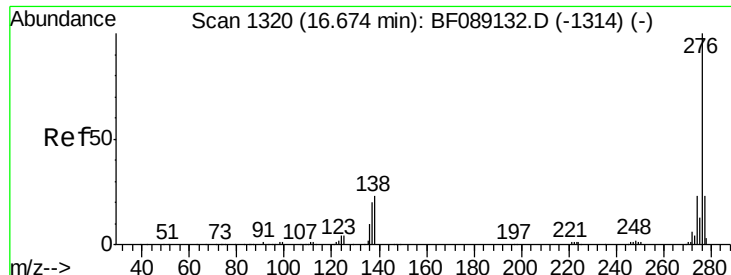
Tot Ion:252 Resp: 225636
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 15.2 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 43.53 ng
RT: 16.25 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF089295.D
Acq: 26 Jul 2016 1:19

Tgt Ion:278 Resp: 190427
Ion Ratio Lower Upper
278 100
139 15.2 11.4 17.2
279 23.5 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 40.66 ng

RT: 16.59 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF089295.D

Acq: 26 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

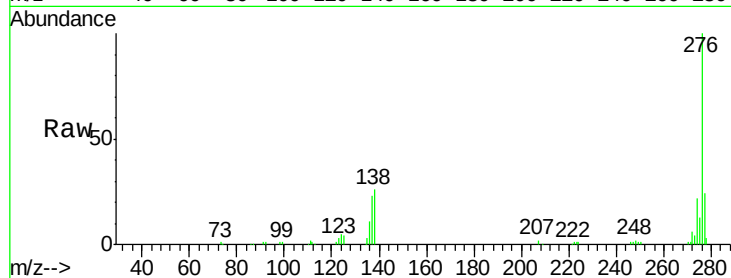
Tot Ion:276 Resp: 179370

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 26.0 18.5 27.7



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

