

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
 Data File : BF089132.D
 Acq On : 20 Jul 2016 13:33
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 15:35:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 15:28:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	50271	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	206665	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	99748	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	198761	20.00	ng	0.00
75) Chrysene-d12	13.73	240	141721	20.00	ng	0.00
86) Perylene-d12	15.07	264	123455	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	260459	77.99	ng	0.00
7) Phenol-d6	6.27	99	330469	76.31	ng	0.00
23) Nitrobenzene-d5	7.18	82	298858	75.77	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	68727	75.46	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	605594	91.40	ng	0.00
78) Terphenyl-d14	12.68	244	469141	74.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.04	88	57295	35.02	ng	100
3) Pyridine	2.67	79	142774	30.47	ng	100
4) n-Nitrosodimethylamine	2.64	42	61773	34.14	ng	100
6) Aniline	6.27	93	220892	35.63	ng	100
8) 2-Chlorophenol	6.40	128	140585	38.76	ng	100
9) Benzaldehyde	6.15	77	88602	30.98	ng	100
10) Phenol	6.28	94	197225	39.93	ng	100
11) bis(2-Chloroethyl)ether	6.35	93	148034	39.76	ng	100
12) 1,3-Dichlorobenzene	6.54	146	150187	37.68	ng	100
13) 1,4-Dichlorobenzene	6.62	146	152525	38.57	ng	100
14) 1,2-Dichlorobenzene	6.78	146	155316	41.22	ng	100
15) Benzyl Alcohol	6.76	79	127577	40.15	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.89	45	164384	31.76	ng	100
17) 2-Methylphenol	6.89	107	113907	38.90	ng	100
18) Hexachloroethane	7.11	117	57964	38.20	ng	100
19) n-Nitroso-di-n-propylamine	7.04	70	113748	38.44	ng	100
20) 3+4-Methylphenols	7.05	107	158032	43.62	ng	100
22) Acetophenone	7.03	105	223173	43.66	ng	100
24) Nitrobenzene	7.20	77	168611	41.75	ng	100
25) Isophorone	7.44	82	280607	38.38	ng	100
26) 2-Nitrophenol	7.51	139	72793	43.44	ng	100
27) 2,4-Dimethylphenol	7.56	122	120767	36.20	ng	100
28) bis(2-Chloroethoxy)methane	7.66	93	189382	39.38	ng	100
29) 2,4-Dichlorophenol	7.76	162	114652	41.16	ng	100
30) 1,2,4-Trichlorobenzene	7.84	180	127751	42.01	ng	100
31) Naphthalene	7.91	128	416013	40.72	ng	100
32) Benzoic acid	7.72	122	102291	41.15	ng	100
33) 4-Chloroaniline	7.98	127	185192	40.65	ng	100
34) Hexachlorobutadiene	8.03	225	71625	43.68	ng	100
35) Caprolactam	8.35	113	35619	38.60	ng	100
36) 4-Chloro-3-methylphenol	8.47	107	135261	41.32	ng	100
37) 2-Methylnaphthalene	8.60	142	285672	42.28	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	137598	41.47	ng	100
40) Hexachlorocyclopentadiene	8.75	237	41618	26.91	ng	100

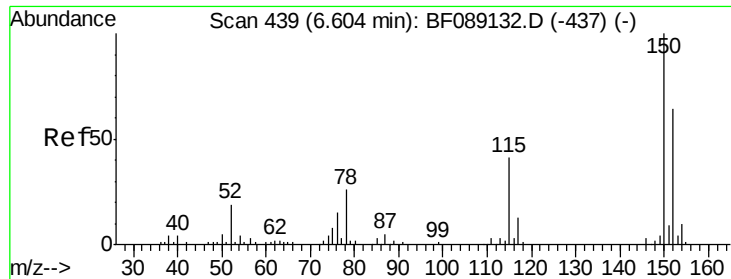
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	85031	38.57	ng	100
43) 2,4,5-Trichlorophenol	8.94	196	85014	44.55	ng	100
45) 1,1'-Biphenyl	9.06	154	327743	39.86	ng	100
46) 2-Chloronaphthalene	9.08	162	258944	40.11	ng	100
47) 2-Nitroaniline	9.19	65	88187	39.18	ng	100
48) Acenaphthylene	9.50	152	407909	39.64	ng	100
49) Dimethylphthalate	9.38	163	316324	43.32	ng	100
50) 2,6-Dinitrotoluene	9.44	165	73431	45.12	ng	100
51) Acenaphthene	9.67	154	243927	38.53	ng	100
52) 3-Nitroaniline	9.61	138	87134	43.79	ng	100
53) 2,4-Dinitrophenol	9.71	184	30559	43.08	ng	100
54) Dibenzofuran	9.84	168	334780	40.34	ng	100
55) 4-Nitrophenol	9.79	139	53734	36.46	ng	100
56) 2,4-Dinitrotoluene	9.84	165	88614	42.28	ng	100
57) Fluorene	10.18	166	313591	47.39	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	62419	42.62	ng	100
59) Diethylphthalate	10.07	149	290012	40.56	ng	100
60) 4-Chlorophenyl-phenylether	10.18	204	126981	41.92	ng	100
61) 4-Nitroaniline	10.22	138	78114	40.02	ng	100
62) Azobenzene	10.33	77	305038	37.59	ng	100
64) 4,6-Dinitro-2-methylphenol	10.25	198	48874	45.62	ng	100
65) n-Nitrosodiphenylamine	10.30	169	247030	37.36	ng	100
66) 4-Bromophenyl-phenylether	10.66	248	77829	38.89	ng	100
67) Hexachlorobenzene	10.73	284	79285	36.32	ng	100
68) Atrazine	10.83	200	82502	39.69	ng	100
69) Pentachlorophenol	10.92	266	40624	32.27	ng	100
70) Phenanthrene	11.13	178	402105	37.13	ng	100
71) Anthracene	11.19	178	455234	41.84	ng	100
72) Carbazole	11.35	167	415256	40.14	ng	100
73) Di-n-butylphthalate	11.68	149	447019	37.81	ng	100
74) Fluoranthene	12.31	202	414792	38.25	ng	100
76) Benzidine	12.44	184	193819	28.49	ng	100
77) Pyrene	12.54	202	475107	39.91	ng	100
79) Butylbenzylphthalate	13.16	149	199982	37.68	ng	100
80) Benzo(a)anthracene	13.71	228	350649	38.66	ng	100
81) 3,3'-Dichlorobenzidine	13.69	252	132615	38.63	ng	100
82) Chrysene	13.76	228	357174	39.55	ng	100
83) Bis(2-ethylhexyl)phthalate	13.73	149	251056	41.20	ng	100
84) Di-n-octyl phthalate	14.33	149	422325	40.81	ng	100
85) Indeno(1,2,3-cd)pyrene	16.31	276	248865	36.12	ng	100
87) Benzo(b)fluoranthene	14.74	252	616939	75.83	ng	# 92
88) Benzo(k)fluoranthene	14.74	252	616939	95.08	ng	100
89) Benzo(a)pyrene	15.02	252	266581	40.58	ng	100
90) Dibenzo(a,h)anthracene	16.32	278	213281	38.98	ng	100
91) Benzo(g,h,i)perylene	16.67	276	213503	37.88	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

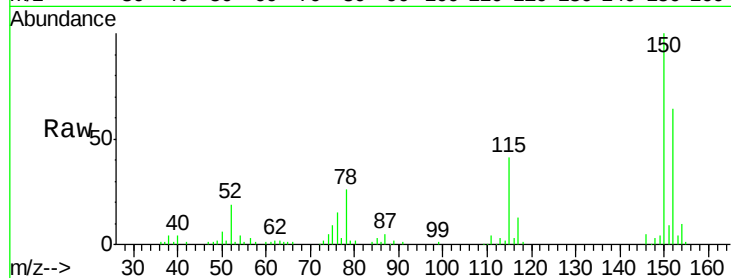
Tot Ion:152 Resp: 50271

Ion Ratio Lower Upper

152 100

150 156.4 125.1 187.7

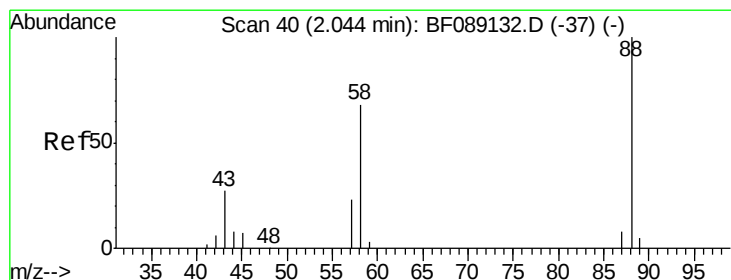
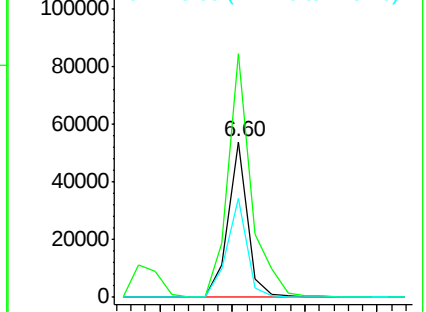
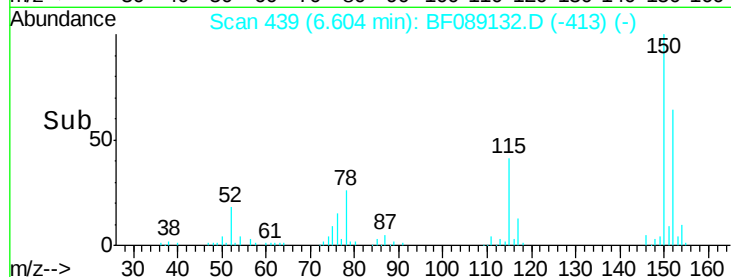
115 63.9 51.1 76.7



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



#2

1,4-Dioxane

Concen: 35.02 ng

RT: 2.04 min Scan# 40

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

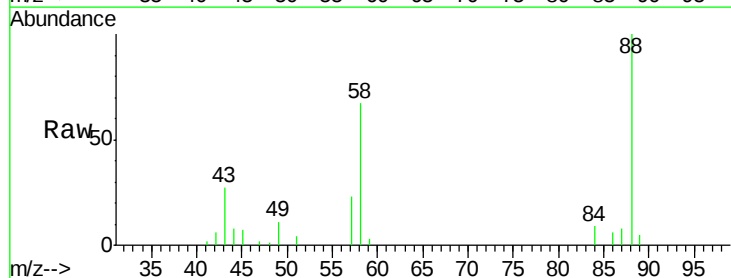
Tgt Ion: 88 Resp: 57295

Ion Ratio Lower Upper

88 100

58 61.5 49.2 73.8

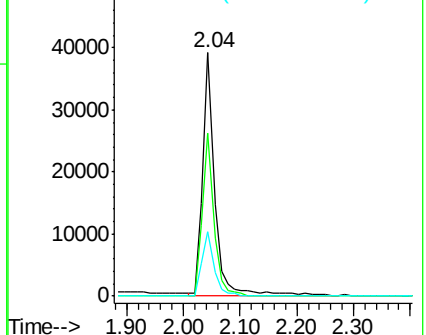
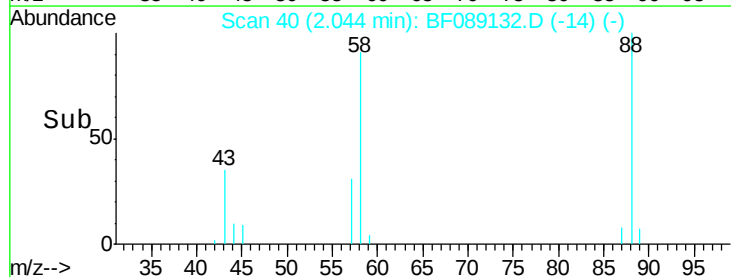
43 25.7 20.6 30.8

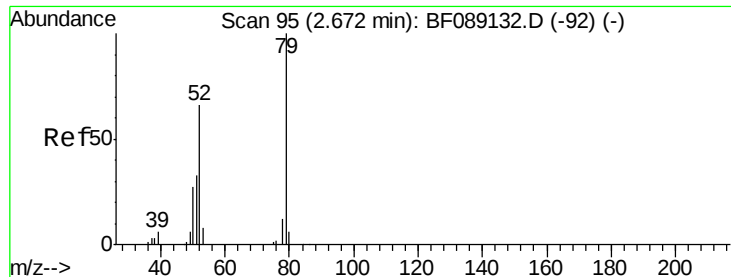


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

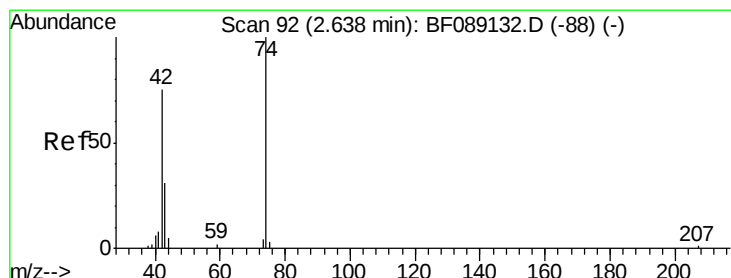
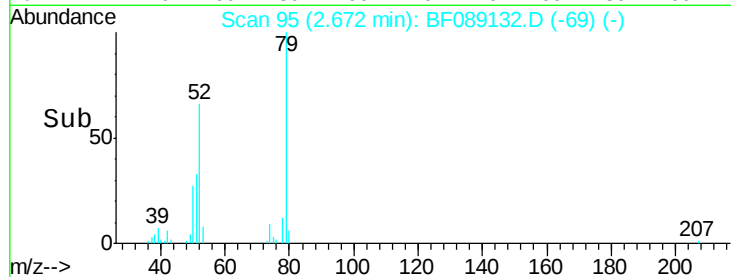
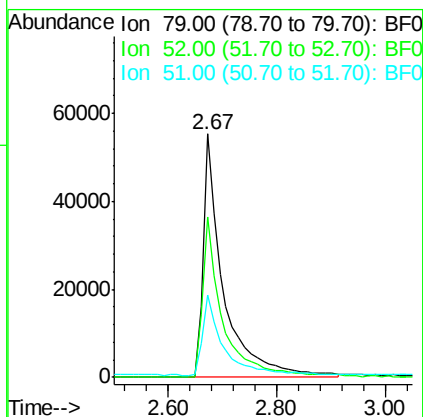
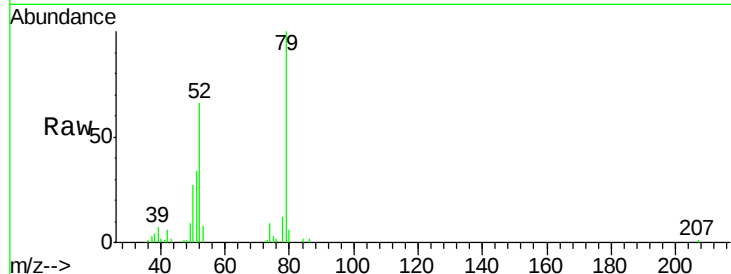




#3
 Pvridine
 Concen: 30.47 ng
 RT: 2.67 min Scan# 95
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

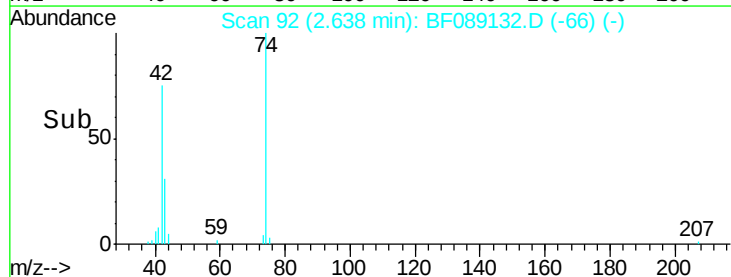
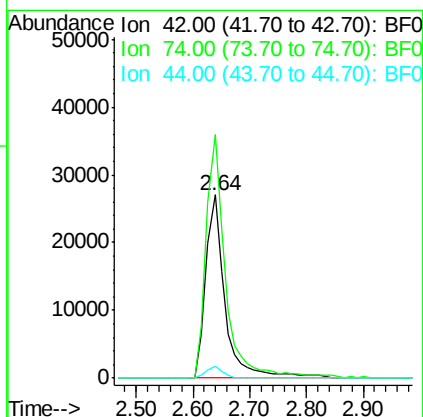
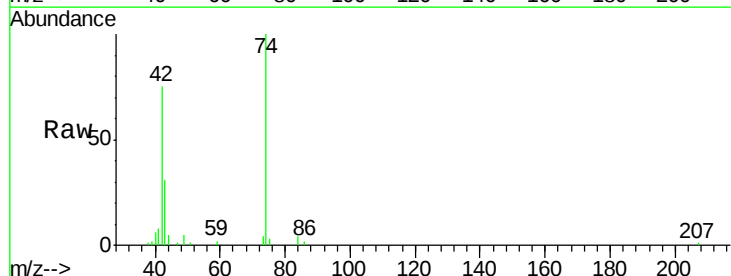
Instrument :
 BNA_F
 ClientSampleId :

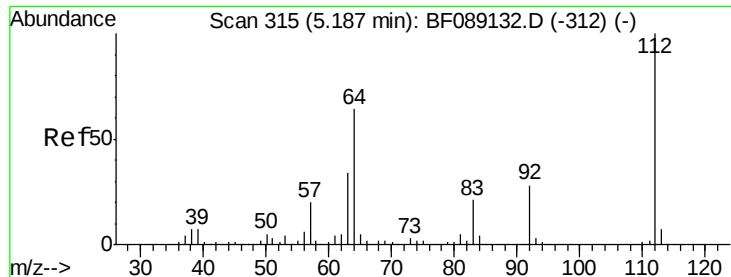
Tot Ion: 79 Resp: 142774
 Ion Ratio Lower Upper
 79 100
 52 66.1 52.9 79.3
 51 33.8 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 34.14 ng
 RT: 2.64 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion: 42 Resp: 61773
 Ion Ratio Lower Upper
 42 100
 74 133.0 106.4 159.6
 44 6.5 5.2 7.8





#5

2-Fluorophenol

Concen: 77.99 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampled :

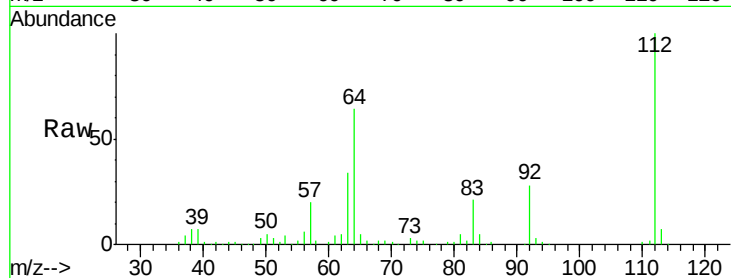
Tot Ion: 112 Resp: 260459

Ion Ratio Lower Upper

112 100

64 63.7 51.0 76.4

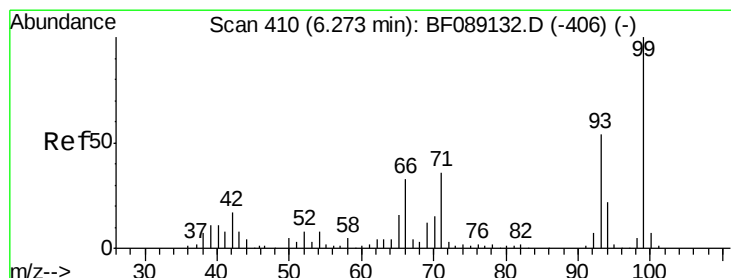
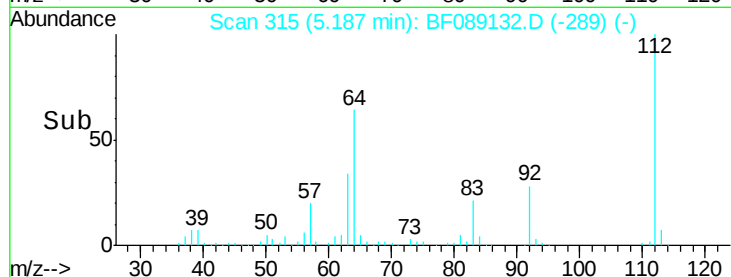
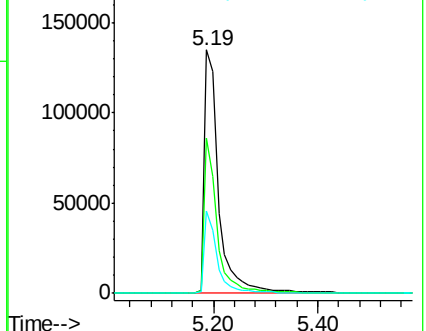
63 34.1 27.3 40.9



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: 35.63 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

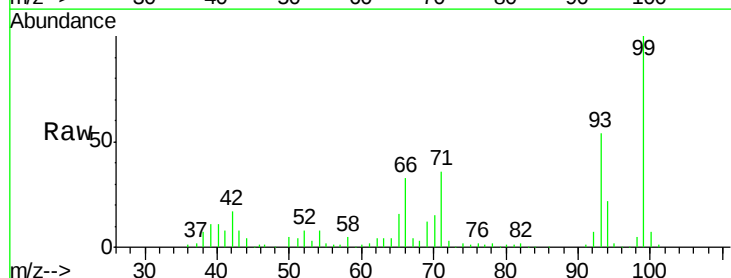
Tgt Ion: 93 Resp: 220892

Ion Ratio Lower Upper

93 100

66 61.1 48.9 73.3

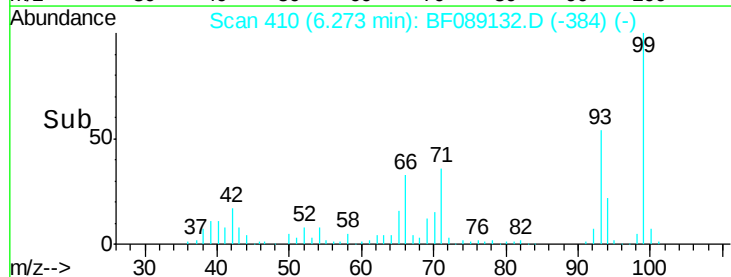
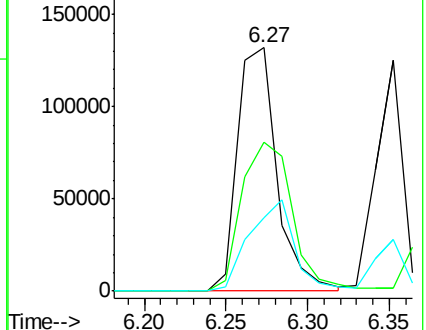
65 29.9 23.9 35.9

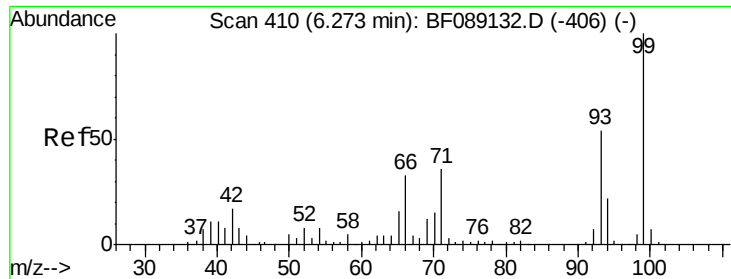


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.31 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampled :

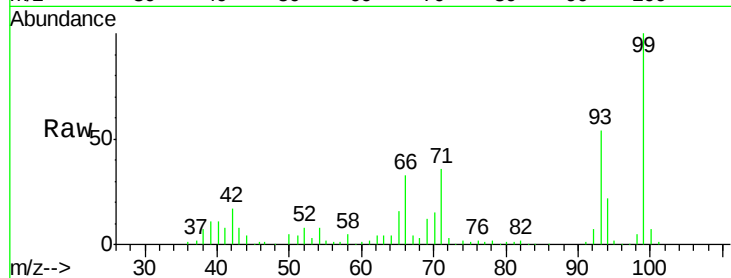
Tot Ion: 99 Resp: 330469

Ion Ratio Lower Upper

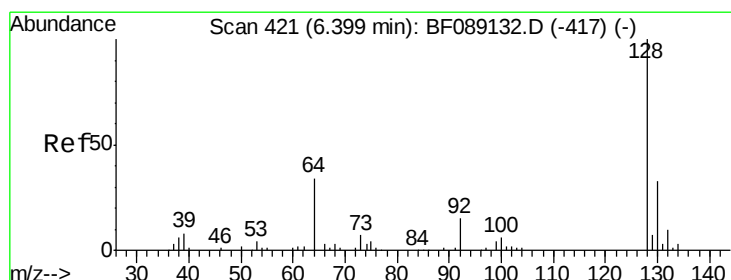
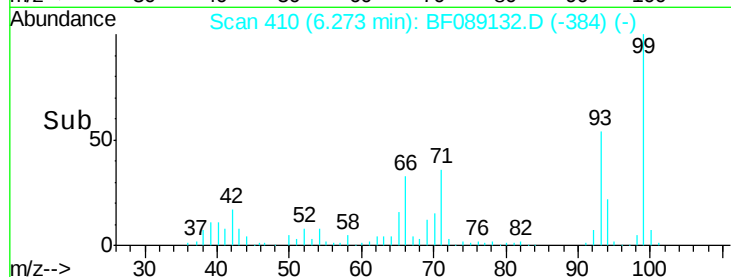
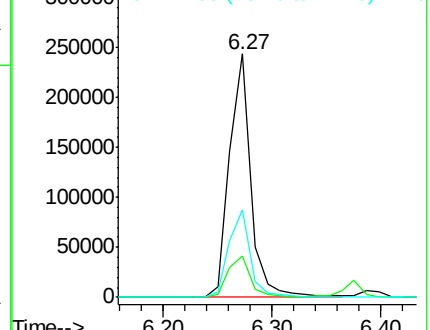
99 100

42 16.9 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: 38.76 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

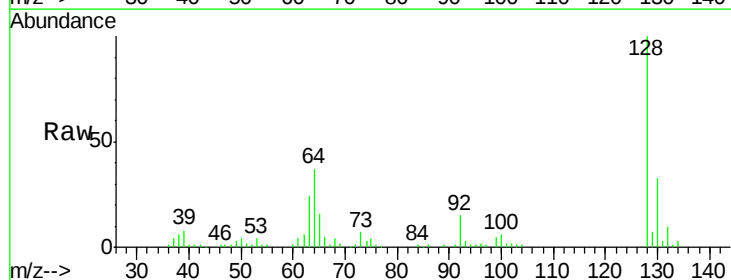
Tgt Ion: 128 Resp: 140585

Ion Ratio Lower Upper

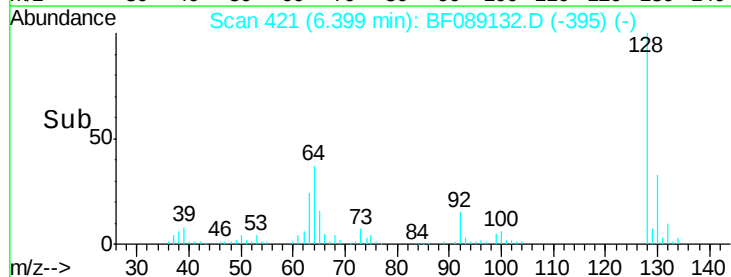
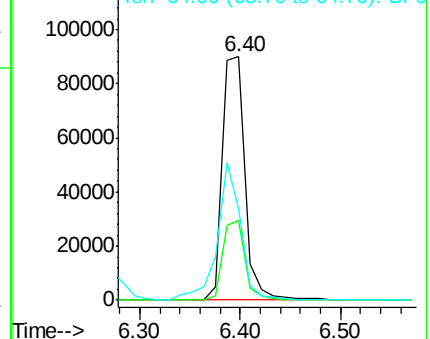
128 100

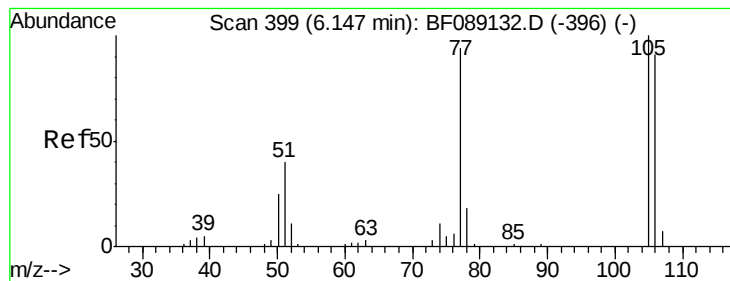
130 32.6 12.6 52.6

64 37.5 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: 30.98 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampled :

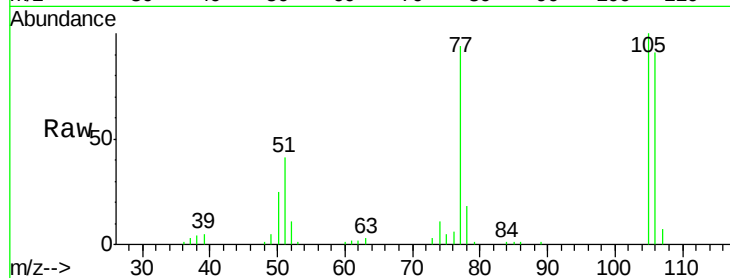
Tot Ion: 77 Resp: 88602

Ion Ratio Lower Upper

77 100

105 106.2 86.2 126.2

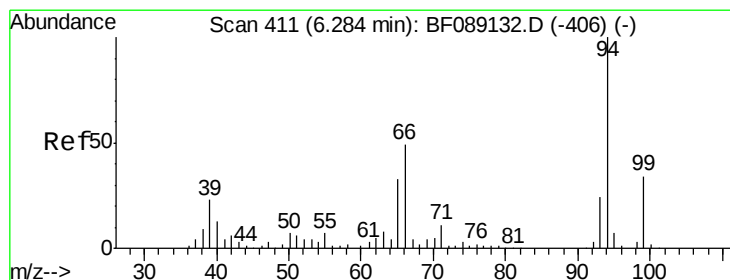
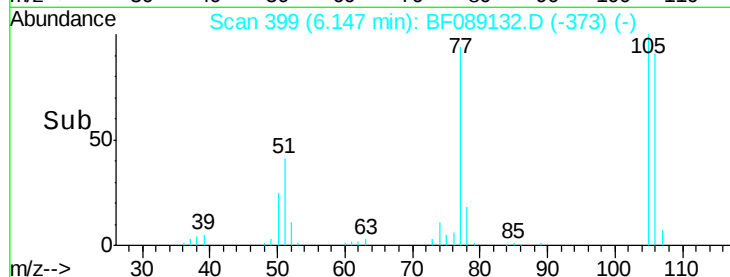
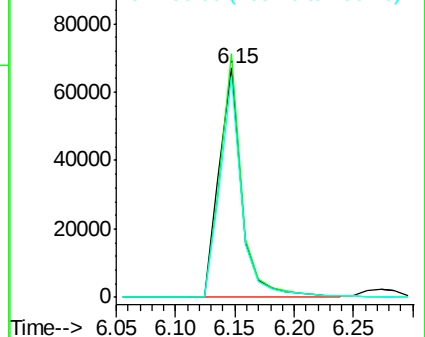
106 96.3 76.3 116.3



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: 39.93 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

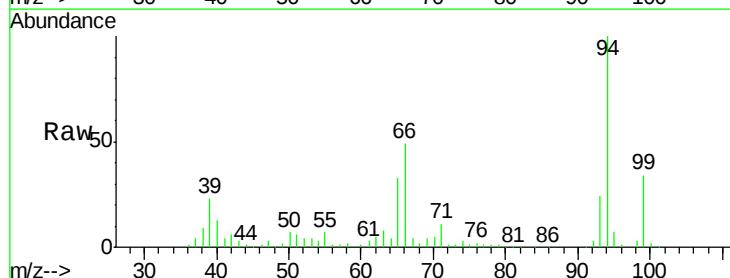
Tgt Ion: 94 Resp: 197225

Ion Ratio Lower Upper

94 100

65 33.3 13.3 53.3

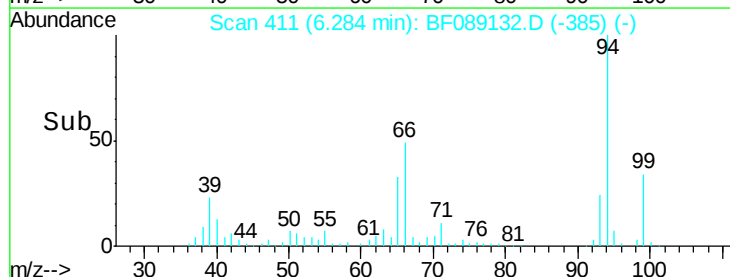
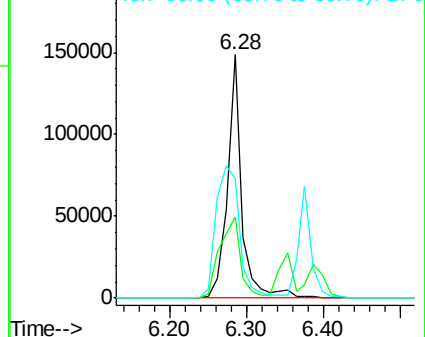
66 49.3 29.3 69.3

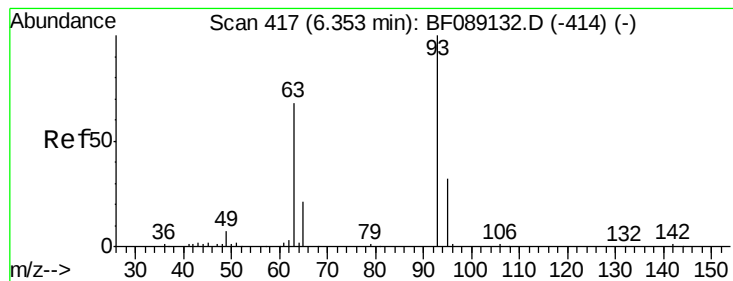


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

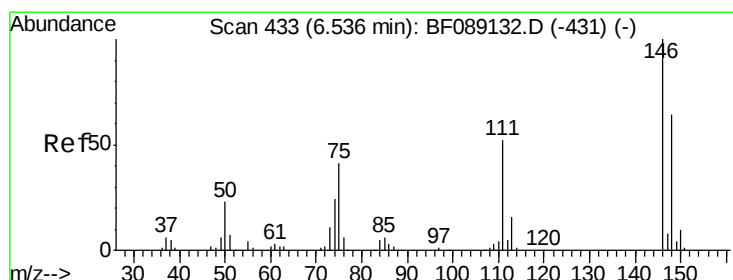
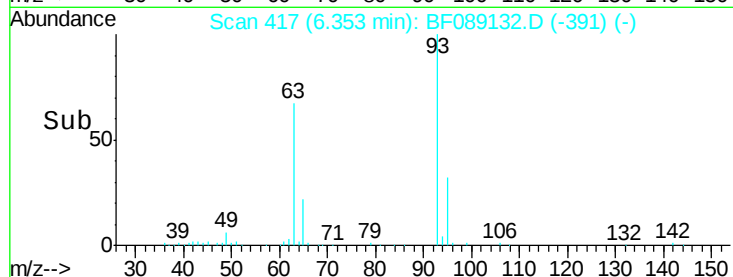
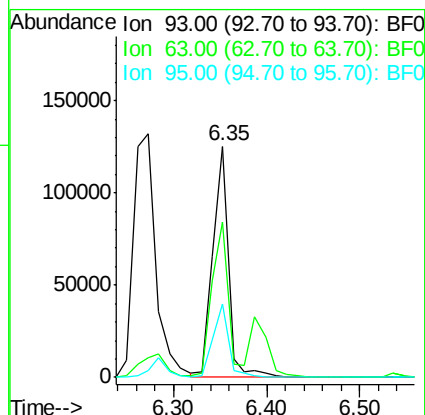
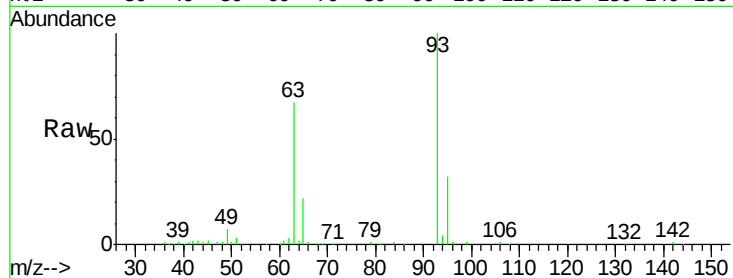




#11
 bis(2-Chloroethyl)ether
 Concen: 39.76 ng
 RT: 6.35 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

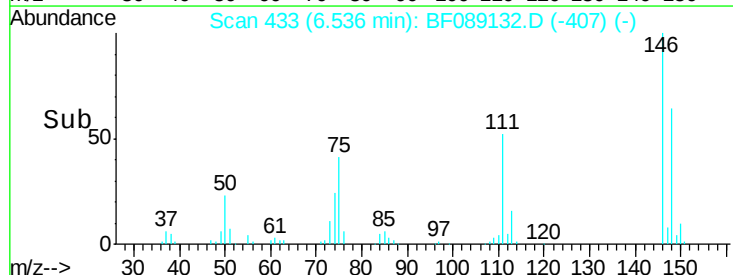
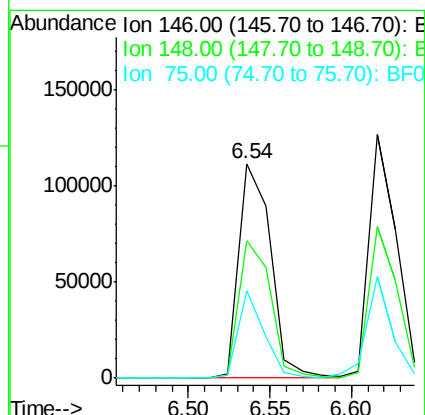
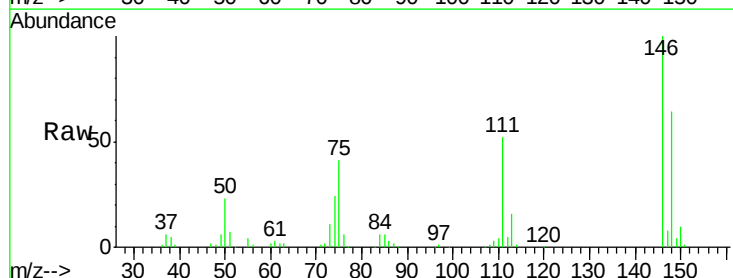
Instrument :
 BNA_F
 ClientSampleId :

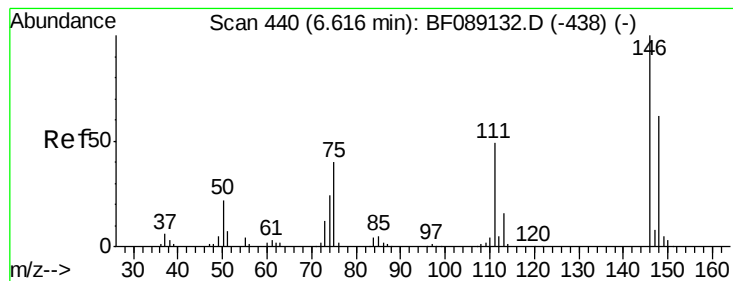
Tot Ion: 93 Resp: 148034
 Ion Ratio Lower Upper
 93 100
 63 67.3 47.3 87.3
 95 31.8 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 37.68 ng
 RT: 6.54 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion: 146 Resp: 150187
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 75 40.6 32.5 48.7





#13

1,4-Dichlorobenzene

Concen: 38.57 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

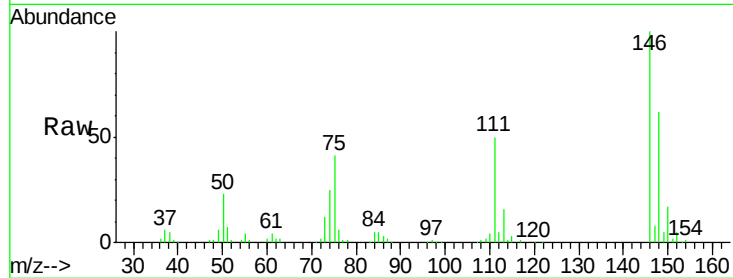
Tot Ion:146 Resp: 152525

Ion Ratio Lower Upper

146 100

148 62.4 49.9 74.9

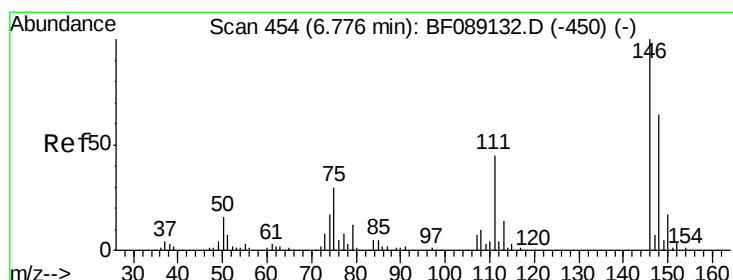
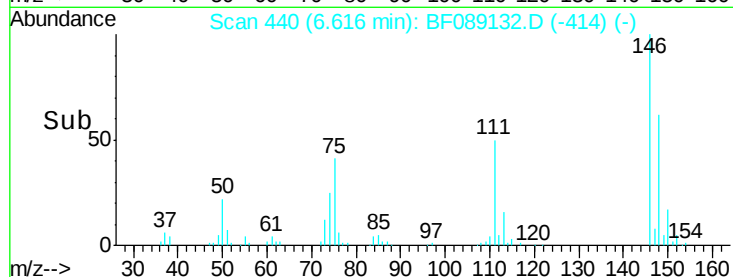
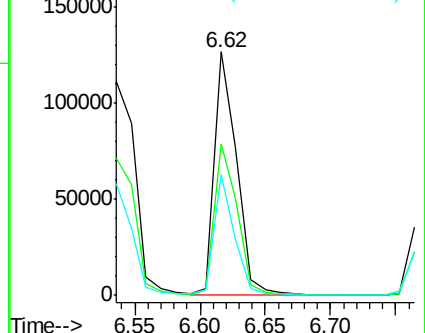
111 49.7 39.8 59.6



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: 41.22 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

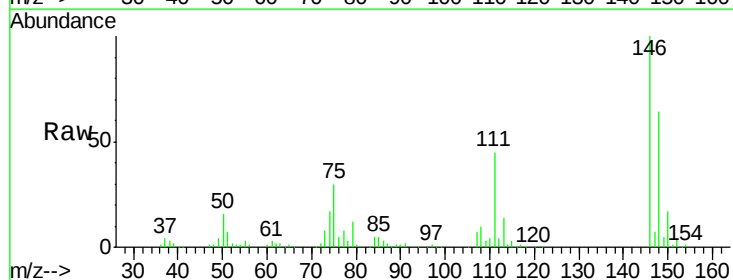
Tgt Ion:146 Resp: 155316

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

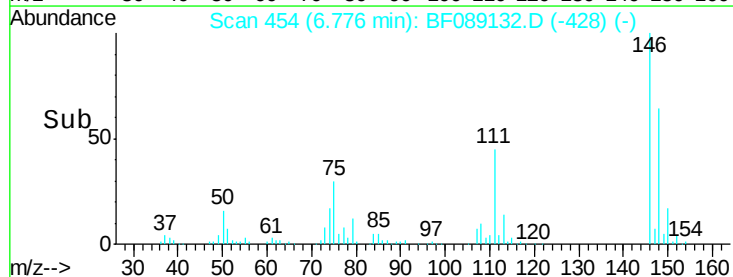
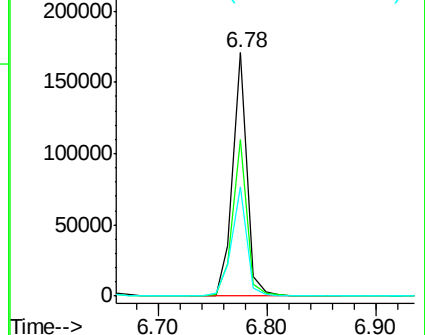
111 44.9 35.9 53.9

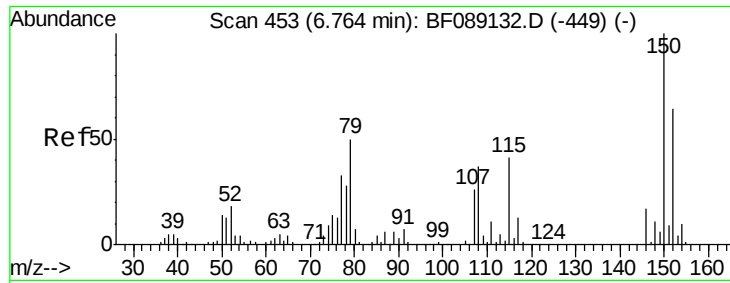


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.15 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

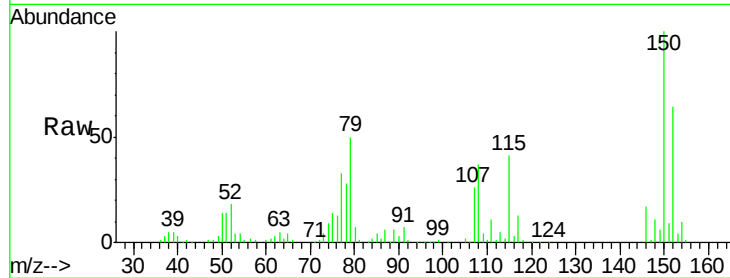
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 127577

Ion	Ratio	Lower	Upper
79	100		
108	72.8	58.2	87.4
77	65.3	52.2	78.4

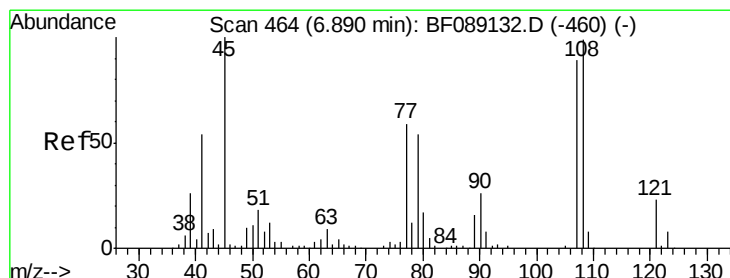
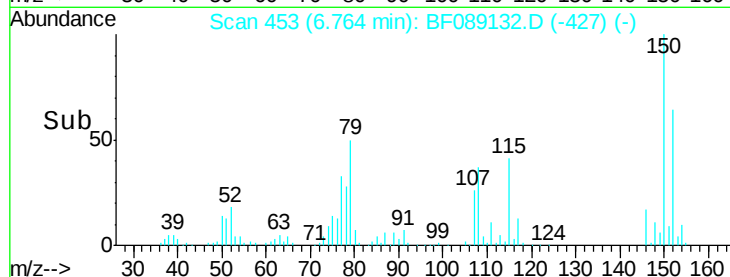
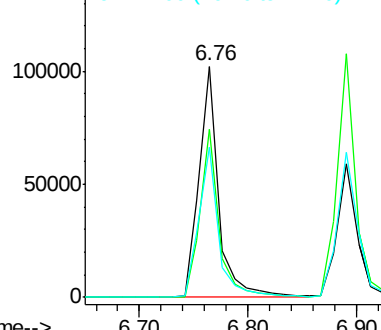


Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.76 ng

RT: 6.89 min Scan# 464

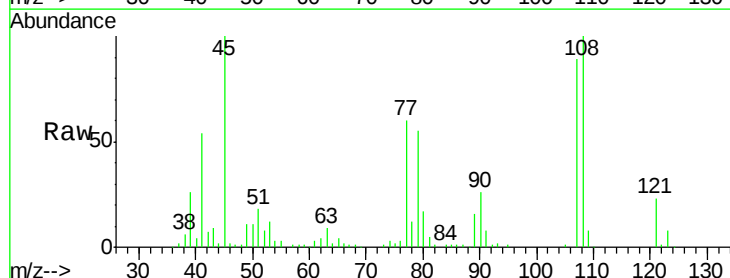
Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Tgt Ion: 45 Resp: 164384

Ion	Ratio	Lower	Upper
45	100		
77	59.7	39.7	79.7
79	54.7	34.7	74.7

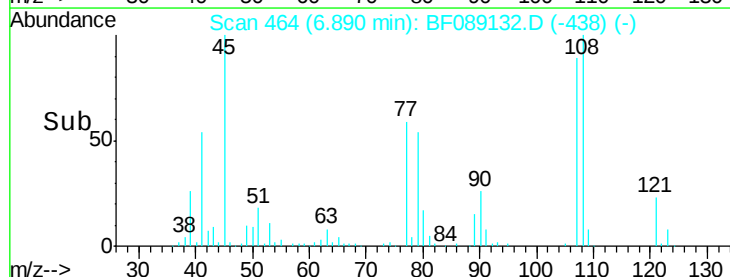
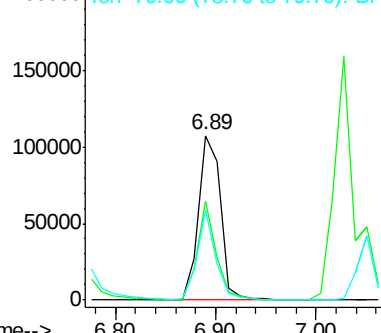


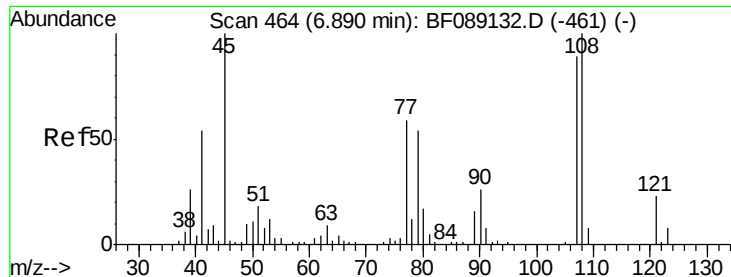
Abundance

Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.90 ng

RT: 6.89 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 113907

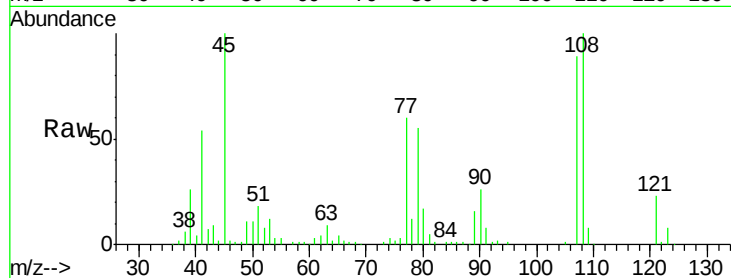
Ion Ratio Lower Upper

107 100

108 111.8 89.4 134.2

77 66.7 53.4 80.0

79 61.2 49.0 73.4

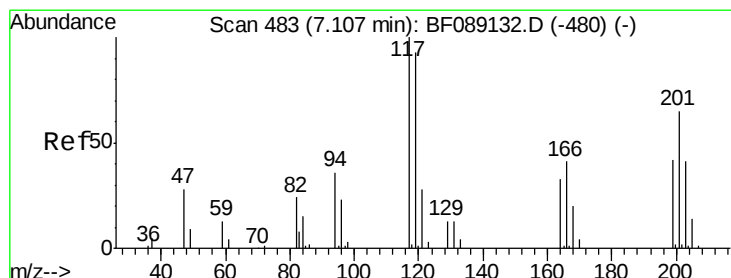
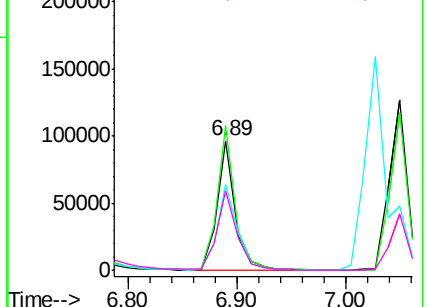
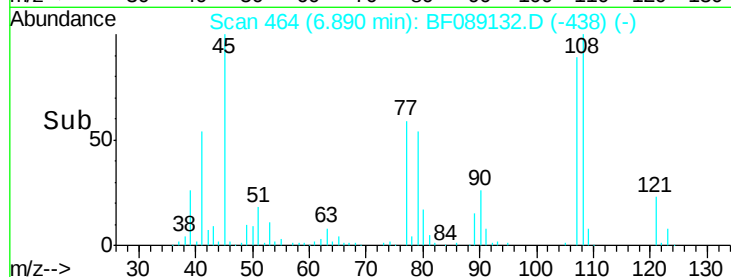


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.20 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

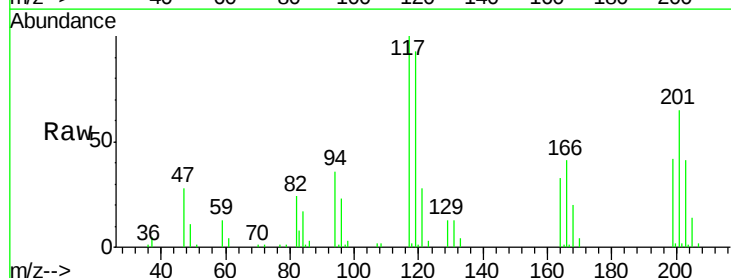
Tgt Ion:117 Resp: 57964

Ion Ratio Lower Upper

117 100

119 93.1 74.5 111.7

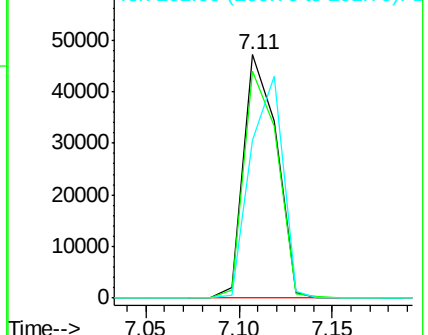
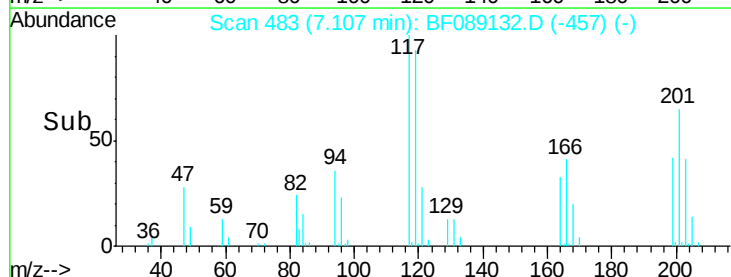
201 64.7 51.8 77.6

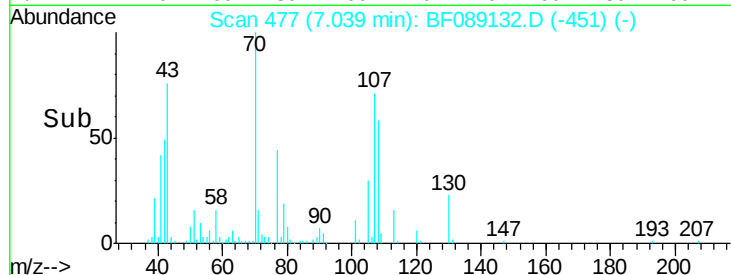
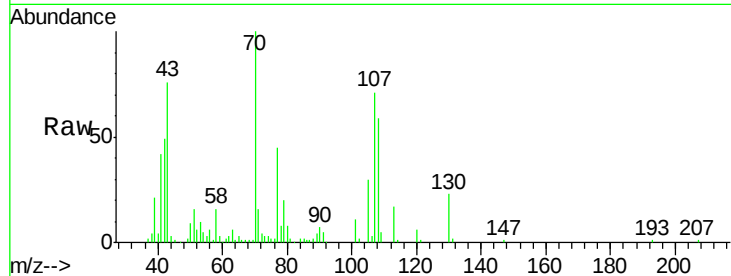
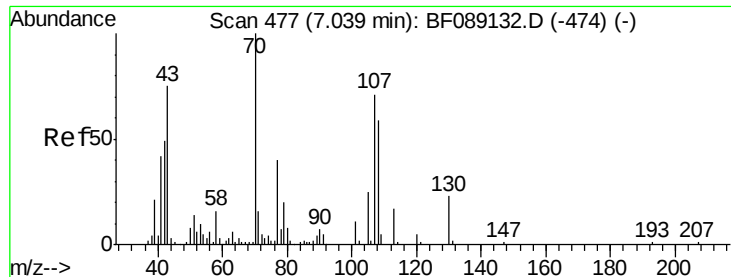


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

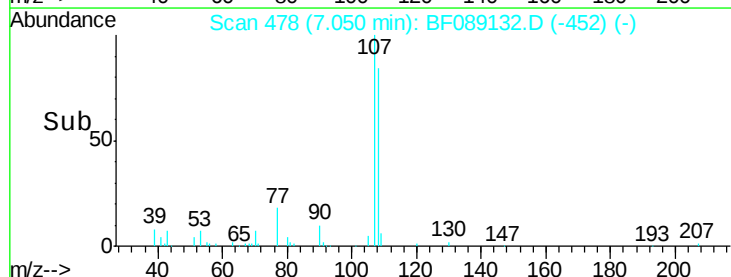
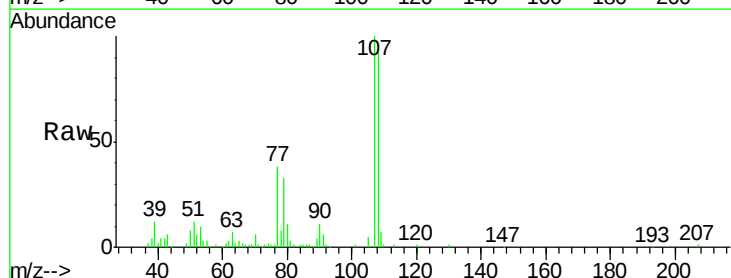
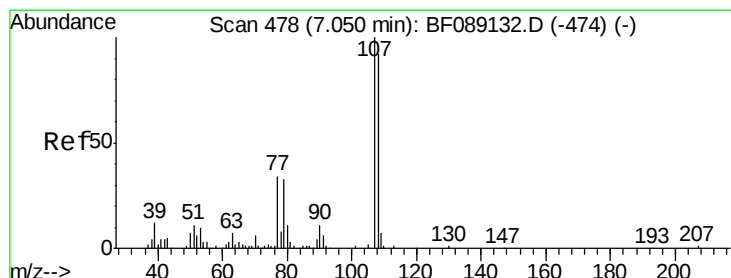
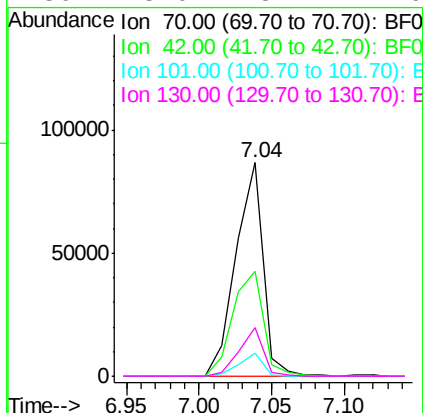




#19
n-Nitroso-di-n-propylamine
Concen: 38.44 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

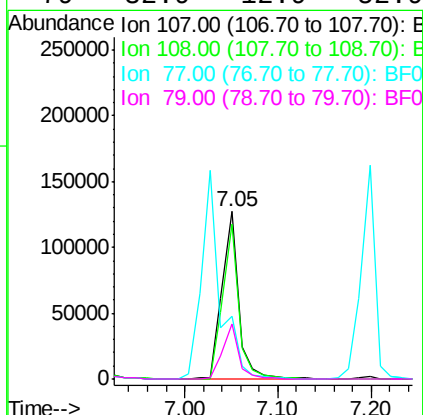
Instrument :
BNA_F
ClientSampleId :

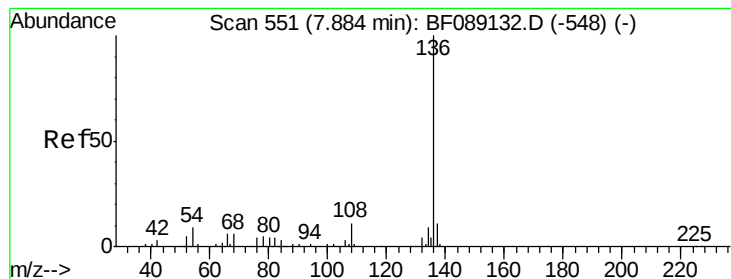
Tot Ion: 70 Resp: 113748
Ion Ratio Lower Upper
70 100
42 49.0 39.2 58.8
101 10.6 8.5 12.7
130 23.0 18.4 27.6



#20
3+4-Methylphenols
Concen: 43.62 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Tgt Ion:107 Resp: 158032
Ion Ratio Lower Upper
107 100
108 92.5 72.5 112.5
77 37.7 17.7 57.7
79 32.9 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 206665

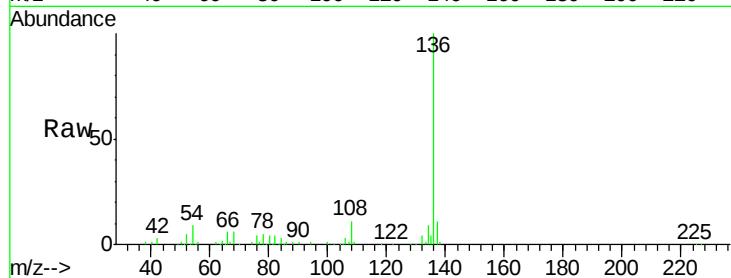
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.7 7.0 10.4

68 6.3 5.0 7.6

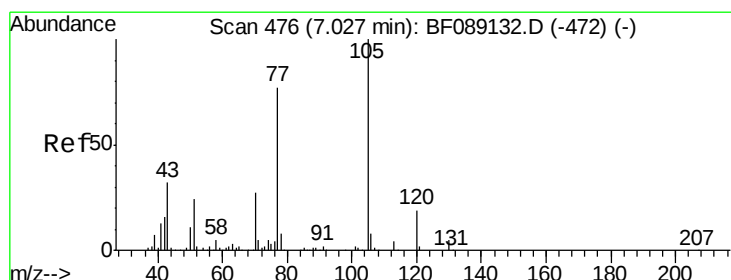
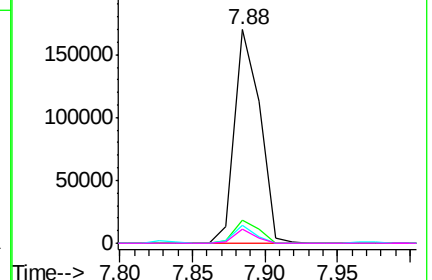
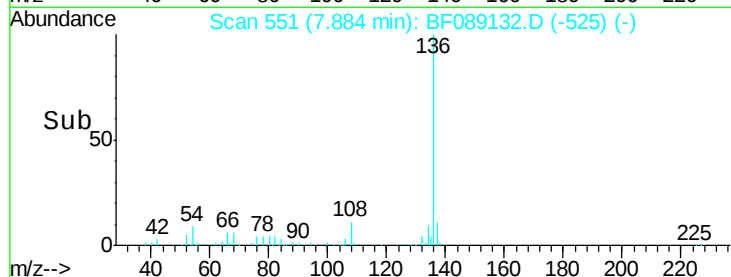


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 43.66 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Tgt Ion:105 Resp: 223173

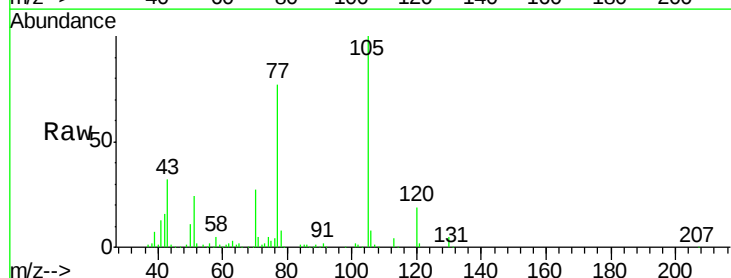
Ion Ratio Lower Upper

105 100

71 4.7 3.8 5.6

51 24.5 19.6 29.4

120 19.4 15.5 23.3

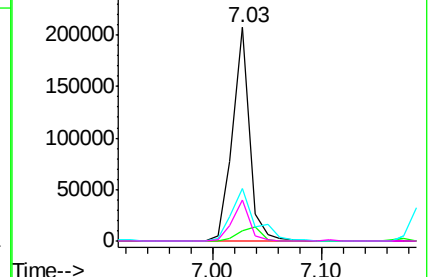
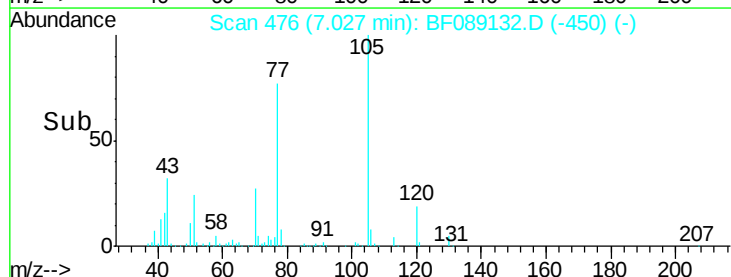


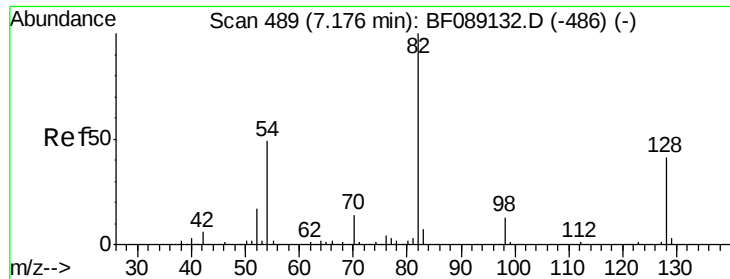
Abundance Ion 105.00 (104.70 to 105.70): E

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

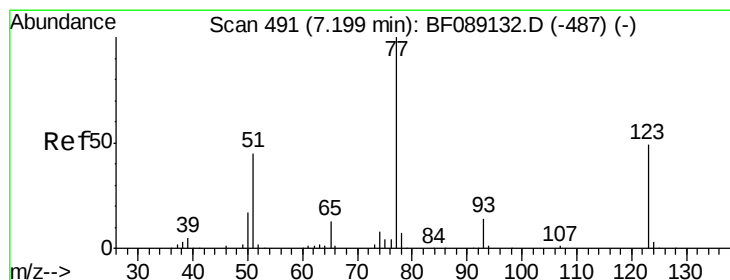
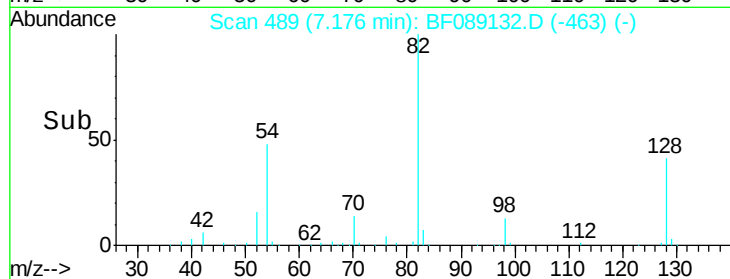
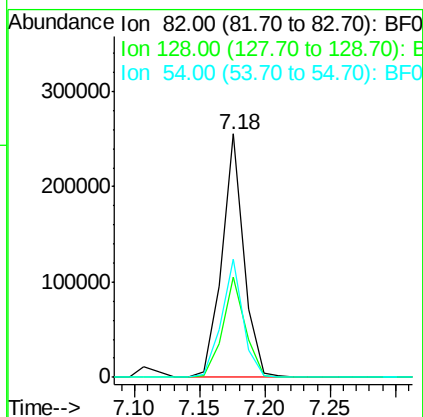
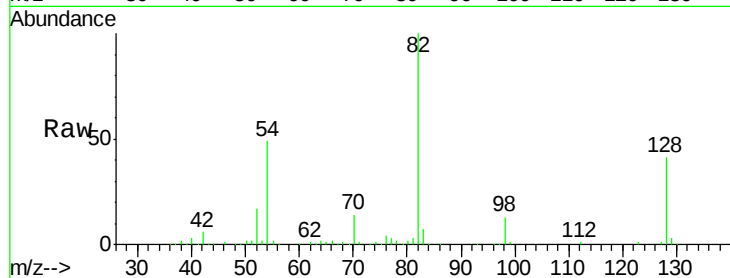




#23
Nitrobenzene-d5
Concen: 75.77 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

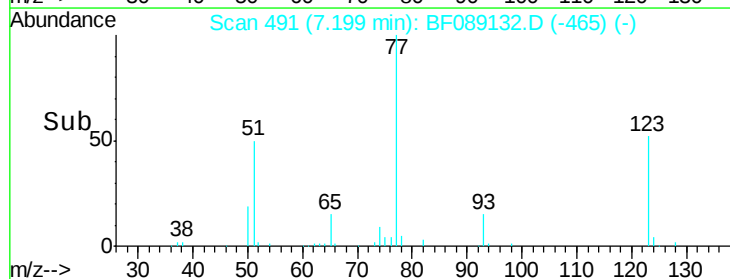
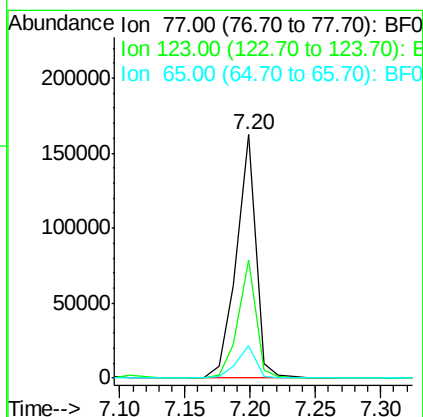
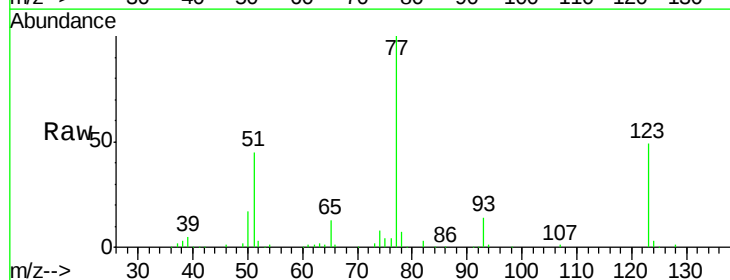
Instrument :
BNA_F
ClientSampleId :

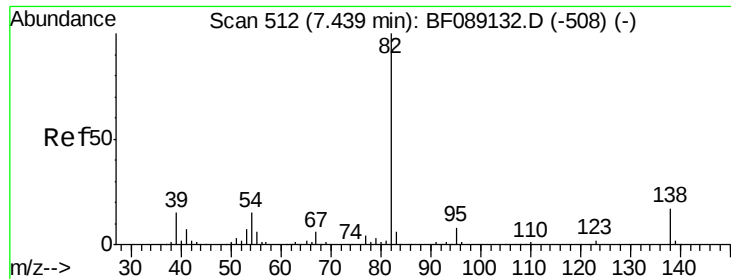
Tot Ion	82	Resp	298858
Ion Ratio	100	Lower	Upper
128	41.3	33.0	49.6
54	48.7	39.0	58.4



#24
Nitrobenzene
Concen: 41.75 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Tgt Ion	77	Resp	168611
Ion Ratio	100	Lower	Upper
123	48.6	38.9	58.3
65	13.2	10.6	15.8





#25

Isophorone

Concen: 38.38 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

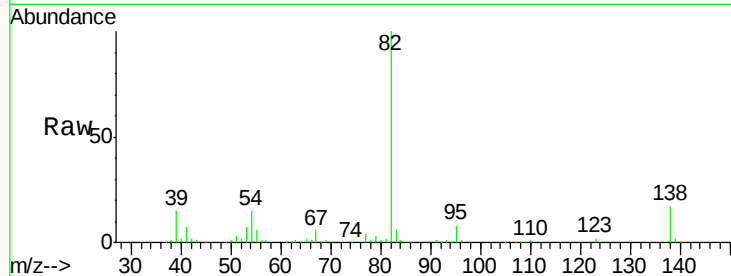
Tot Ion: 82 Resp: 280607

Ion Ratio Lower Upper

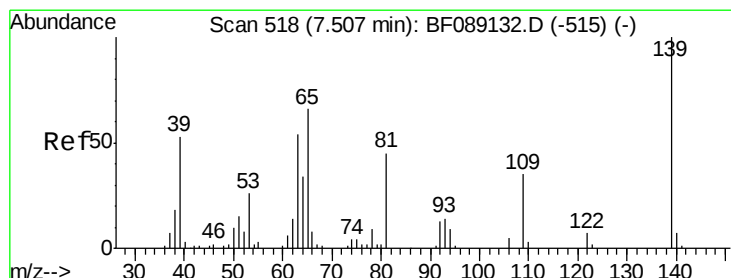
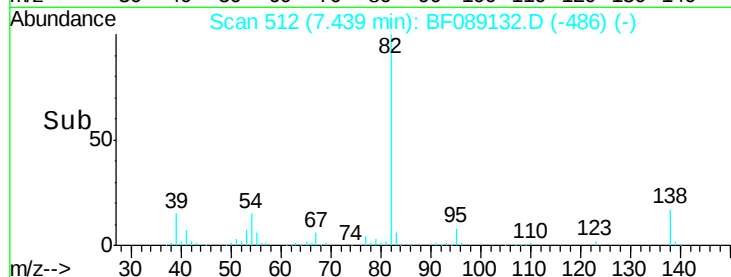
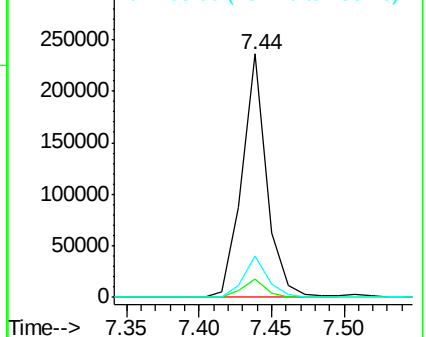
82 100

95 7.6 6.1 9.1

138 17.0 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: 43.44 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

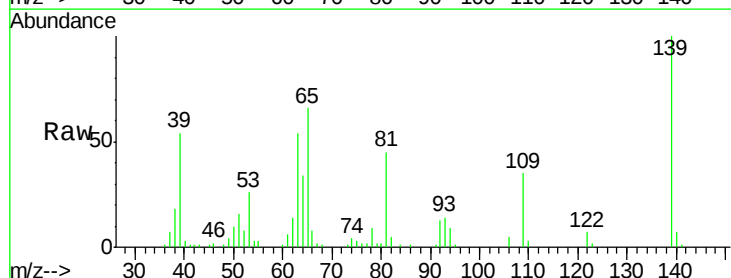
Tgt Ion: 139 Resp: 72793

Ion Ratio Lower Upper

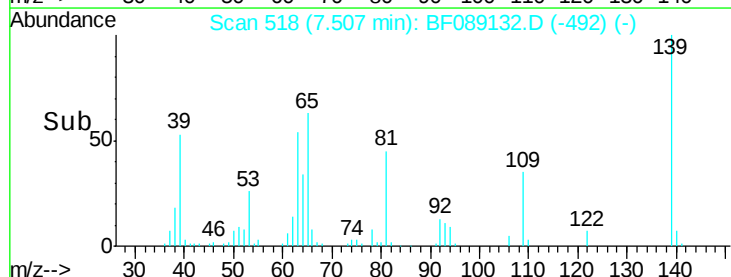
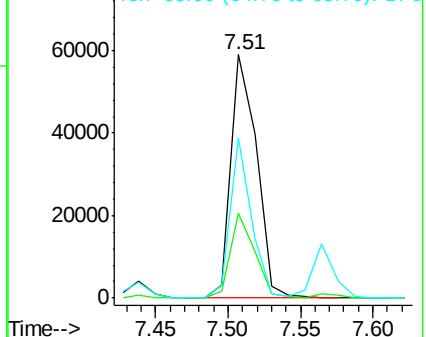
139 100

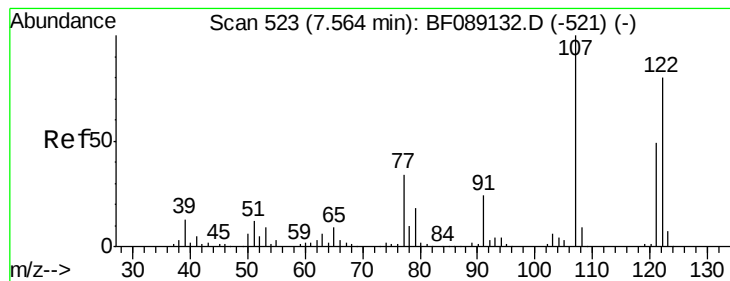
109 35.1 28.1 42.1

65 65.9 52.7 79.1



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





#27

2,4-Dimethylphenol

Concen: 36.20 ng

RT: 7.56 min Scan# 523

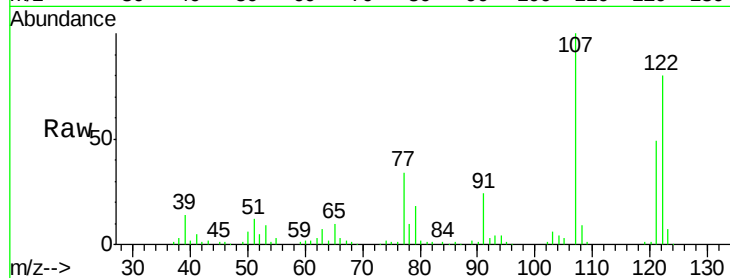
Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :
BNA_F
ClientSampleId :

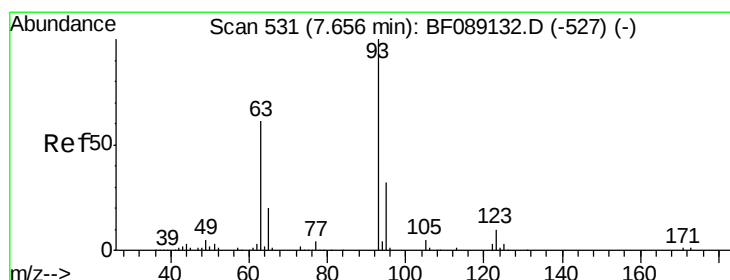
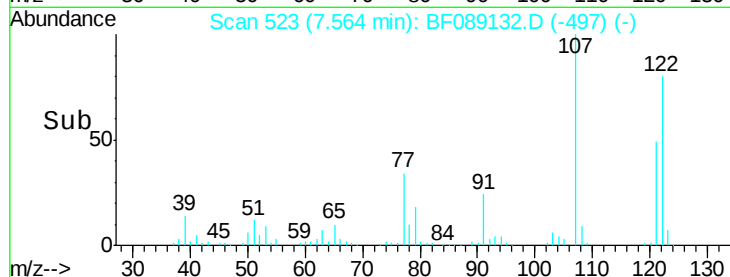
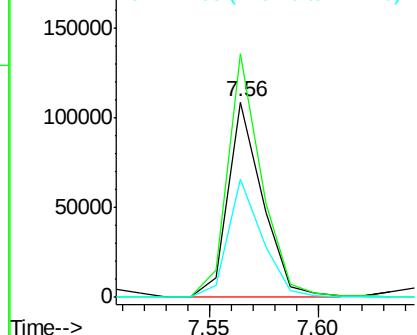
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.6	99.7	149.5
121	60.6	48.5	72.7



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: 39.38 ng

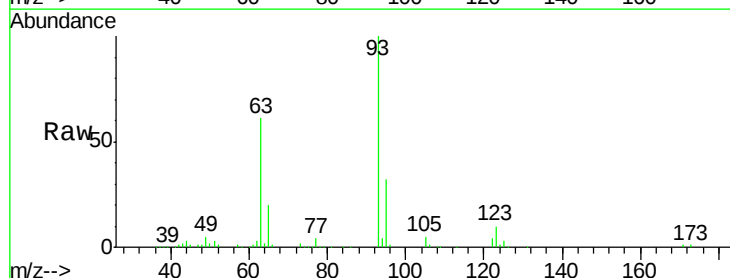
RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

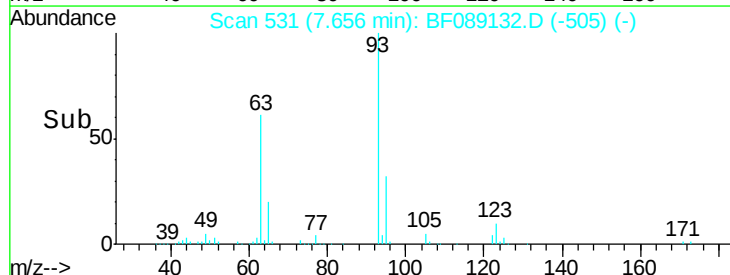
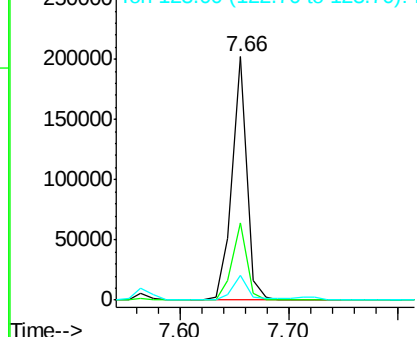
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.0
123	10.4	8.3	12.5

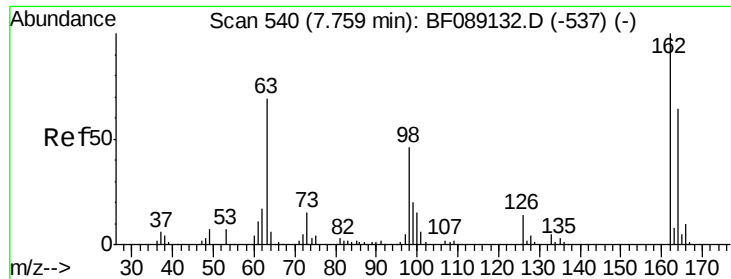


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

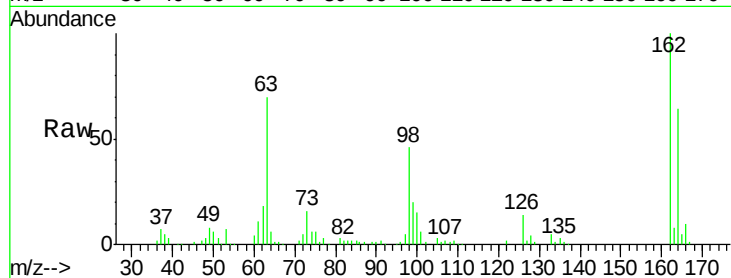




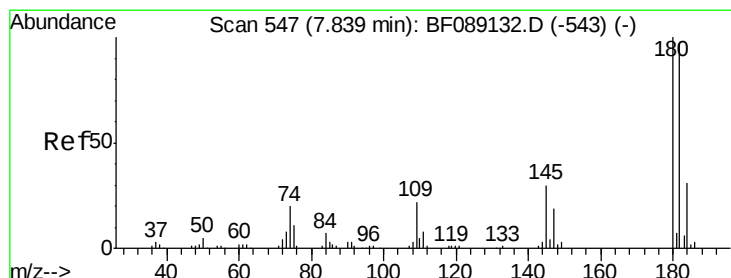
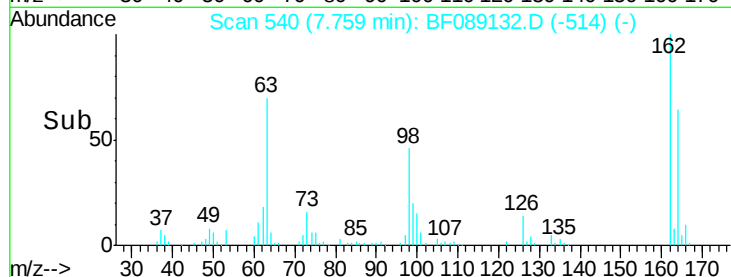
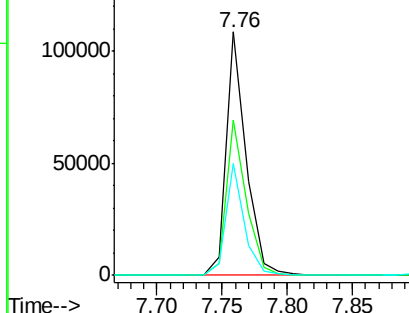
#29
 2,4-Dichlorophenol
 Concen: 41.16 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.0	84.0
98	46.0	26.0	66.0

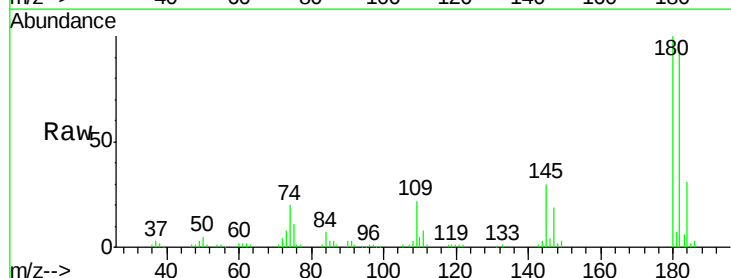


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

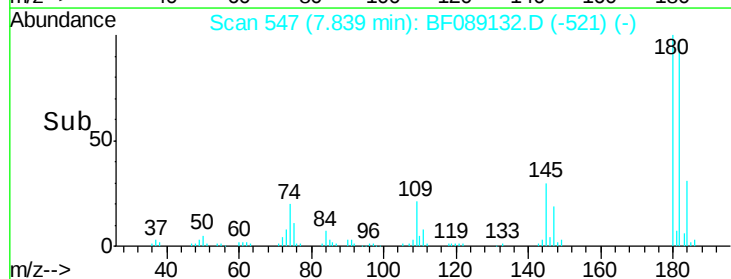
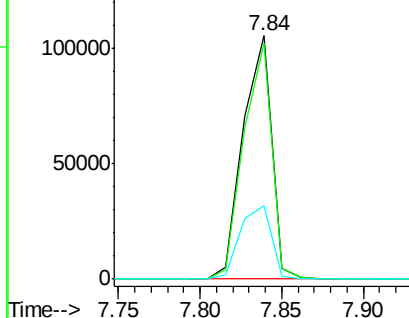


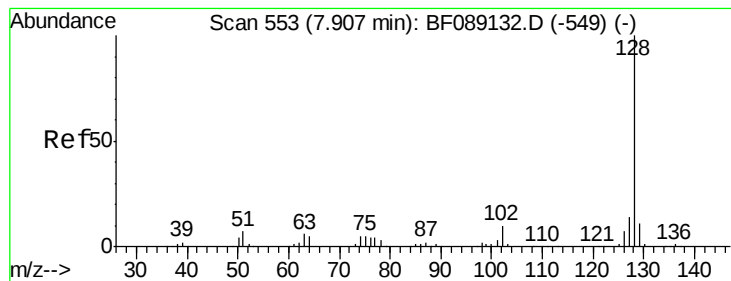
#30
 1,2,4-Trichlorobenzene
 Concen: 42.01 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.6	116.4
145	30.0	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: 40.72 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

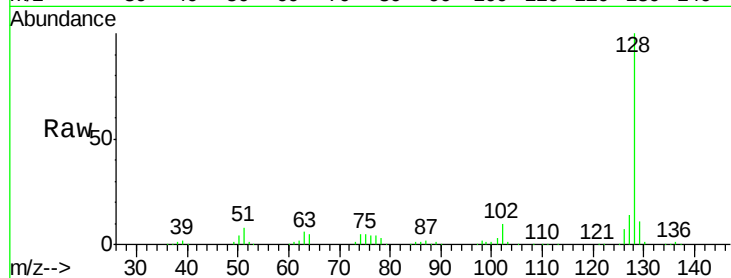
Tot Ion:128 Resp: 416013

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

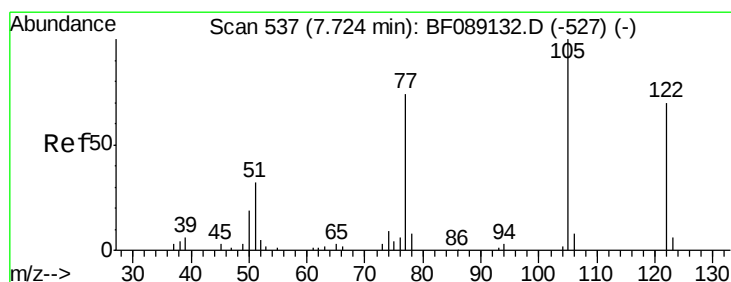
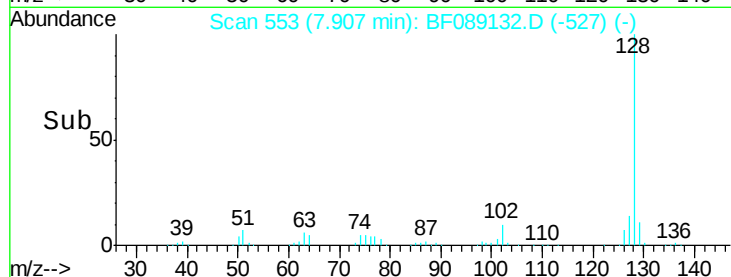
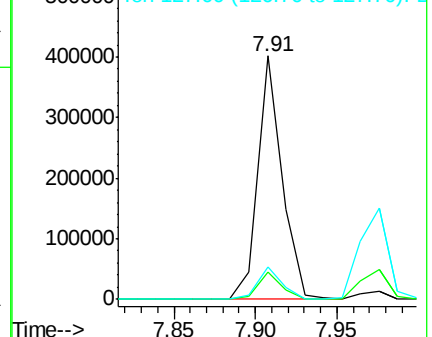
127 13.5 10.8 16.2



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: 41.15 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

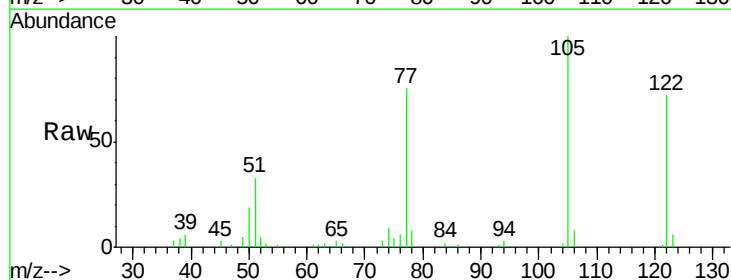
Tgt Ion:122 Resp: 102291

Ion Ratio Lower Upper

122 100

105 139.0 119.0 159.0

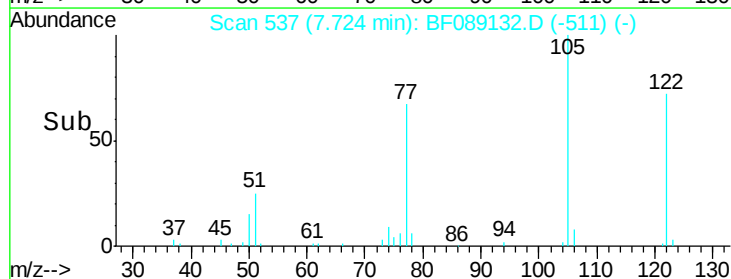
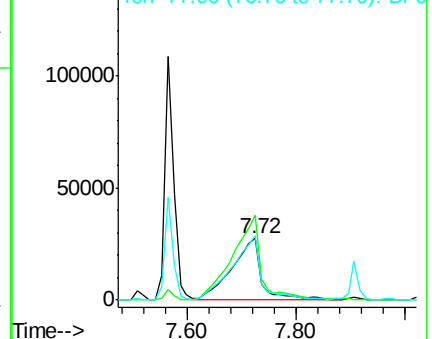
77 104.7 84.7 124.7

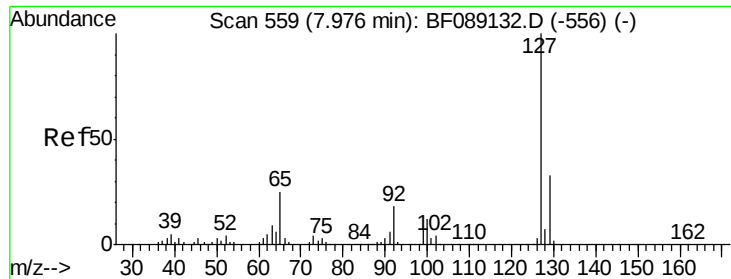


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

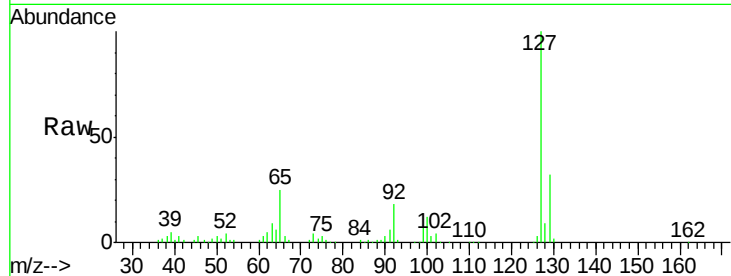




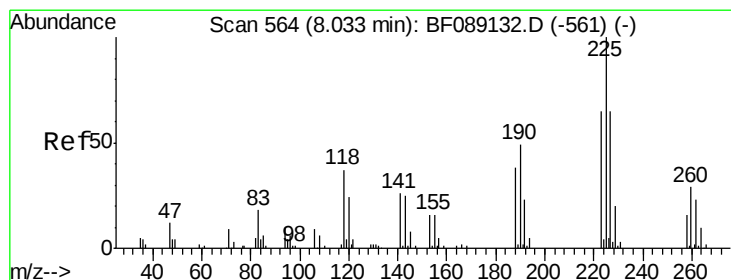
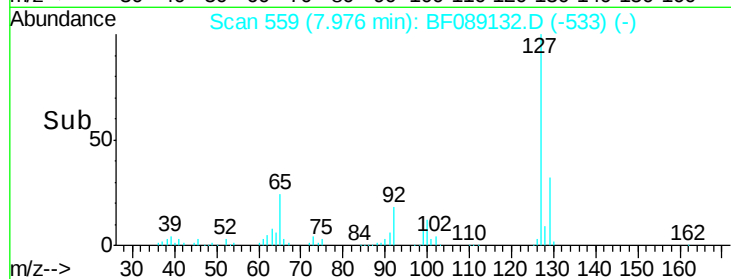
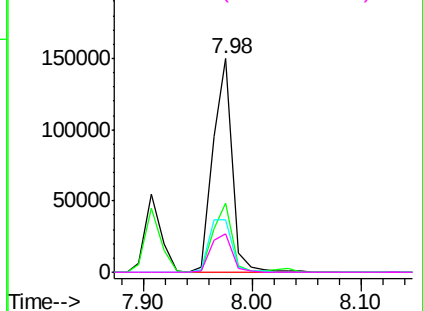
#33
4-Chloroaniline
Concen: 40.65 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	185192
Ion Ratio	Lower	Upper
127	100	
129	32.4	25.9 38.9
65	24.6	19.7 29.5
92	17.9	14.3 21.5

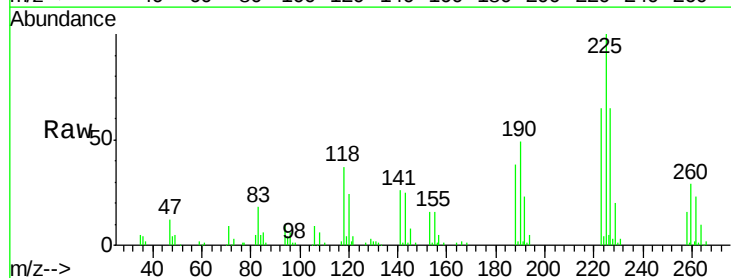


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

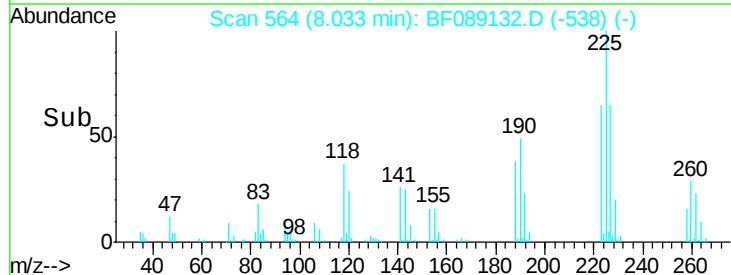
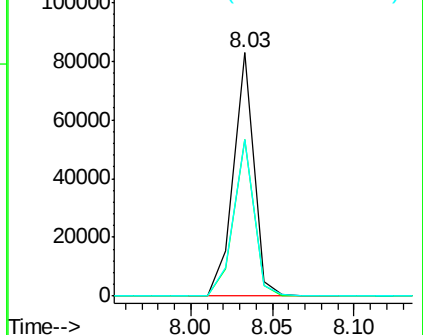


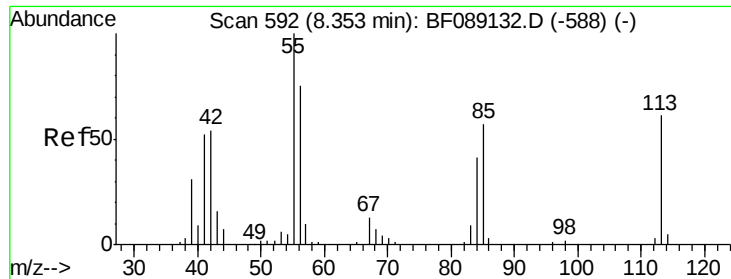
#34
Hexachlorobutadiene
Concen: 43.68 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Tgt Ion:225	Resp:	71625
Ion Ratio	Lower	Upper
225	100	
223	64.5	51.6 77.4
227	64.5	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

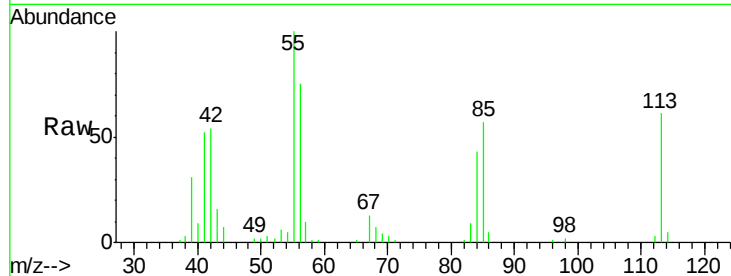




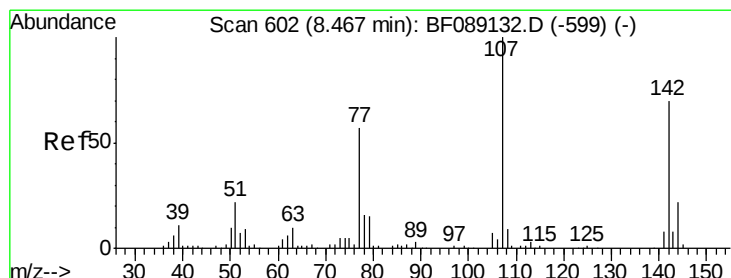
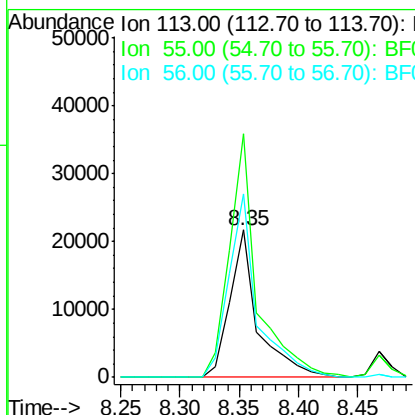
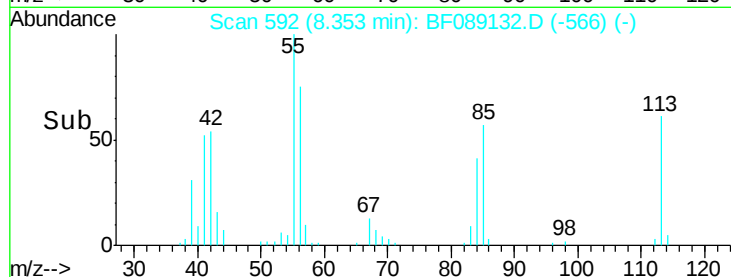
#35
Caprolactam
Concen: 38.60 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 35619
Ion Ratio Lower Upper
113 100
55 165.3 145.3 185.3
56 124.3 104.3 144.3

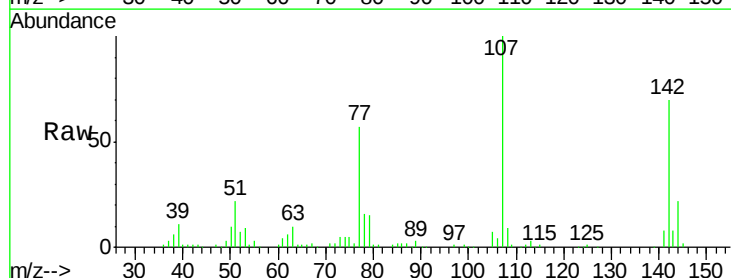


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

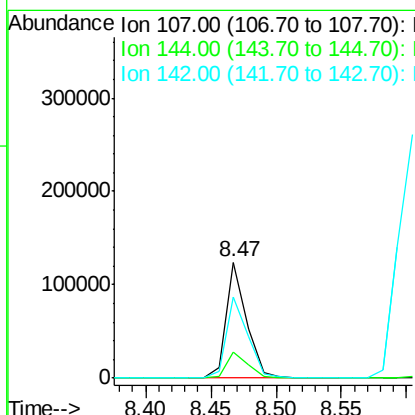
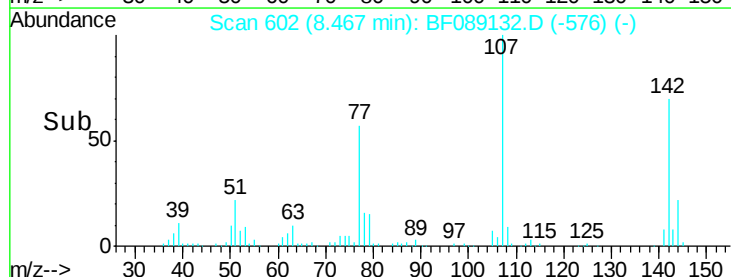


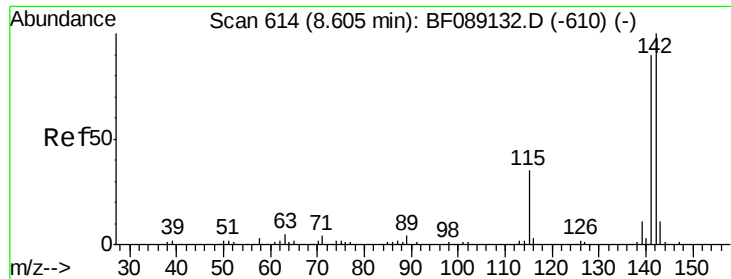
#36
4-Chloro-3-methylphenol
Concen: 41.32 ng
RT: 8.47 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Tgt Ion:107 Resp: 135261
Ion Ratio Lower Upper
107 100
144 22.2 17.8 26.6
142 70.1 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

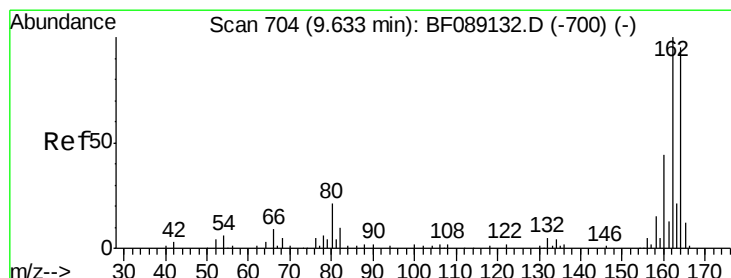
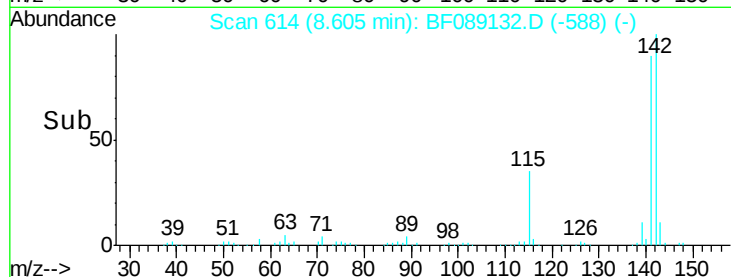
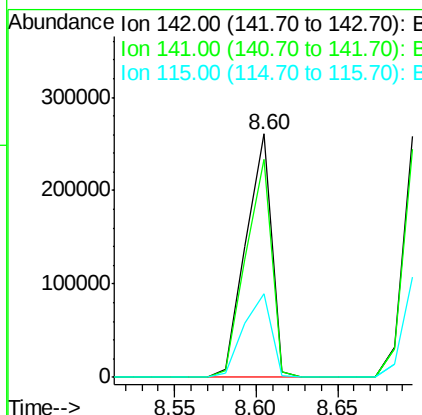
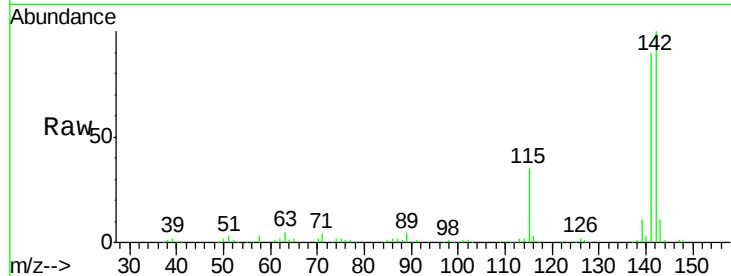




#37
 2-Methylnaphthalene
 Concen: 42.28 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

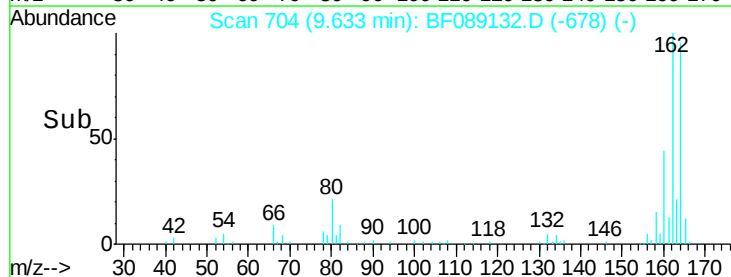
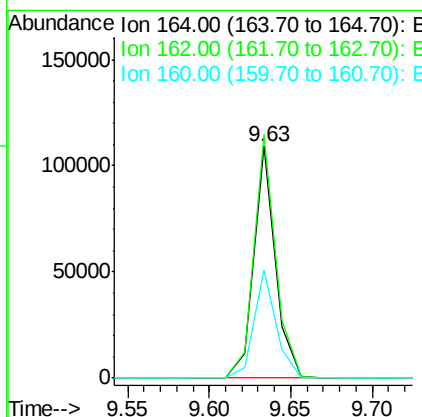
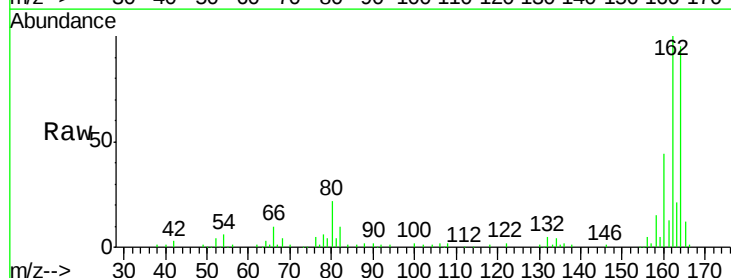
Instrument :
 BNA_F
 ClientSampleId :

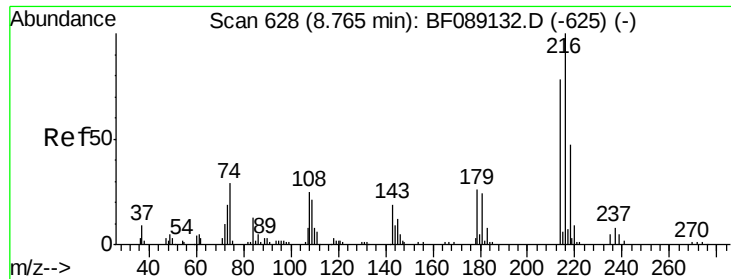
Tot Ion:142 Resp: 285672
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.6 107.4
 115 34.5 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion:164 Resp: 99748
 Ion Ratio Lower Upper
 164 100
 162 105.1 84.1 126.1
 160 46.4 37.1 55.7

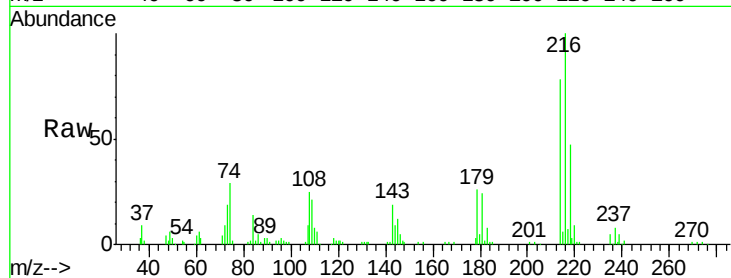




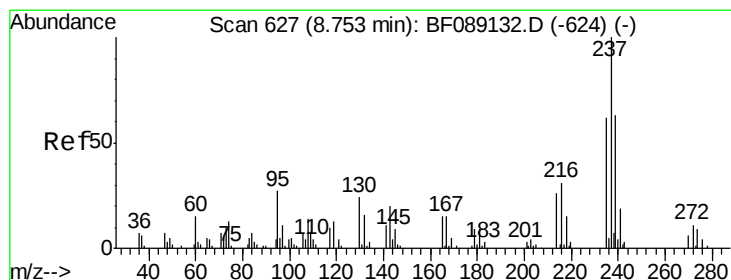
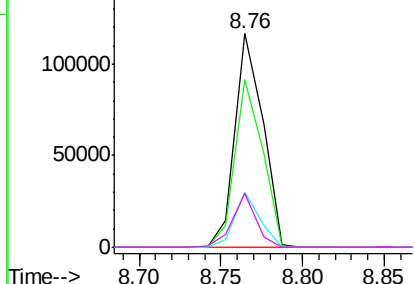
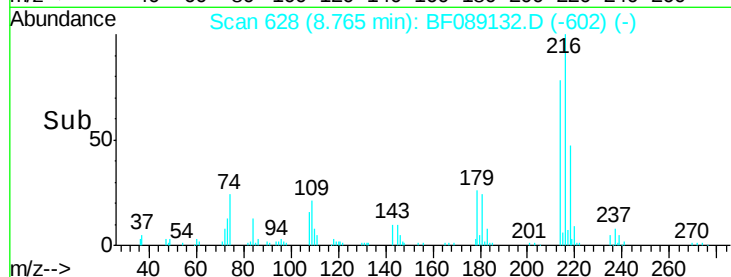
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.47 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	137598
Ion Ratio	Lower	Upper
216	100	
214	77.4	61.9 92.9
179	23.0	18.4 27.6
108	21.3	17.0 25.6

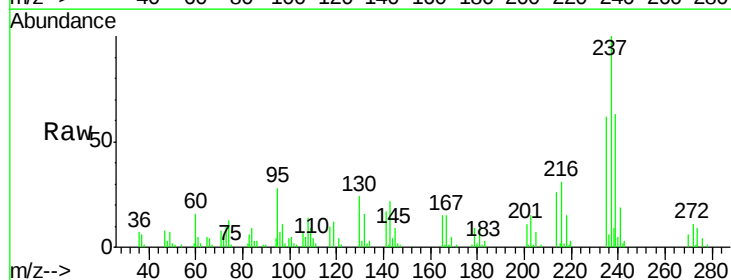


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

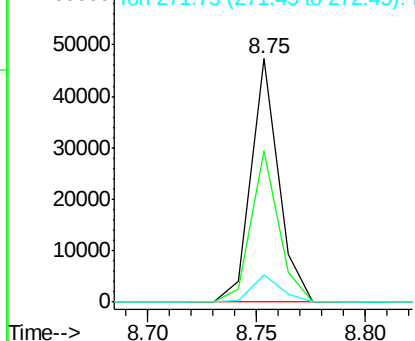
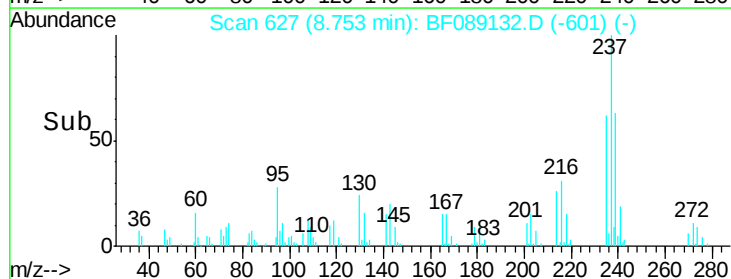


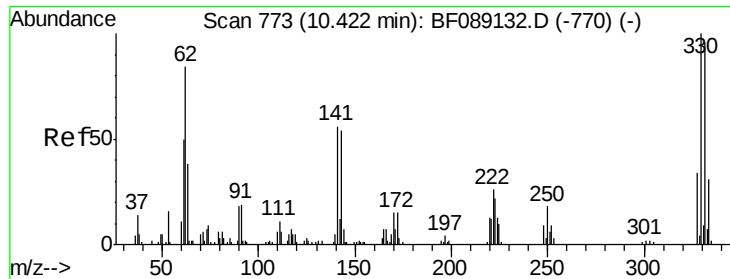
#40
 Hexachlorocyclopentadiene
 Concen: 26.91 ng
 RT: 8.75 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion:237	Resp:	41618
Ion Ratio	Lower	Upper
237	100	
235	62.1	42.1 82.1
272	11.4	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

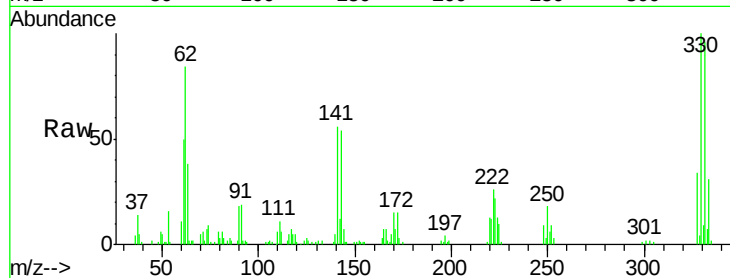




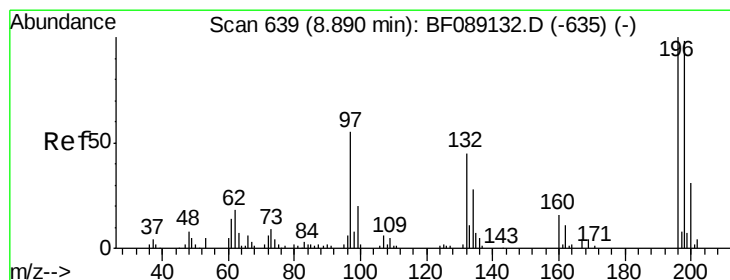
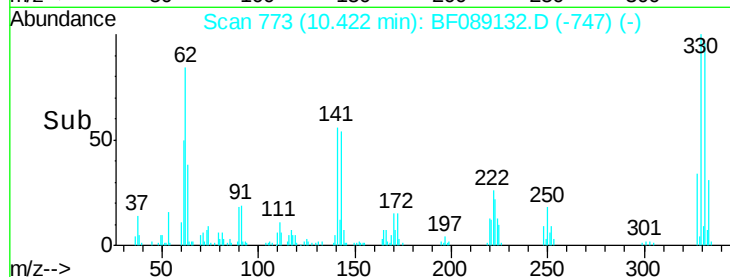
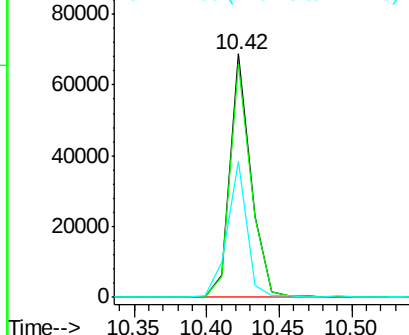
#41
 2,4,6-Tribromophenol
 Concen: 75.46 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 68727
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.2 115.8
 141 52.7 42.2 63.2

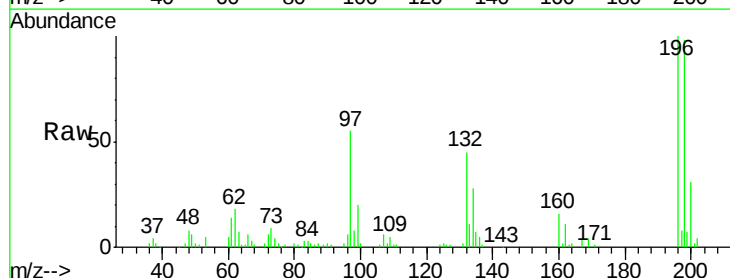


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

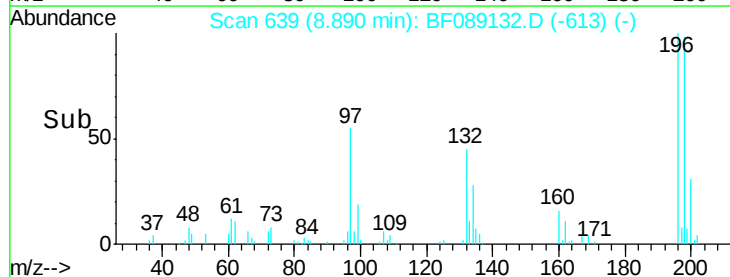
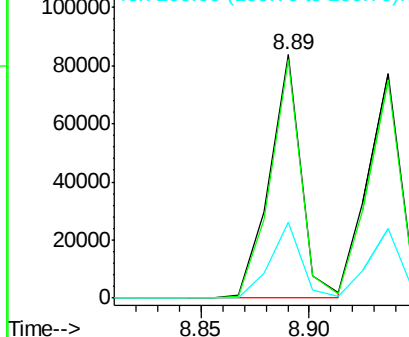


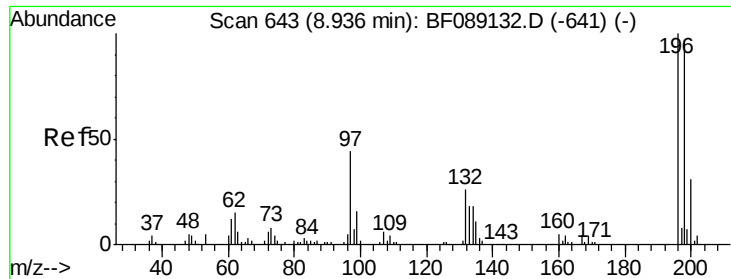
#42
 2,4,6-Trichlorophenol
 Concen: 38.57 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion:196 Resp: 85031
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.3 117.5
 200 31.2 25.0 37.4



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

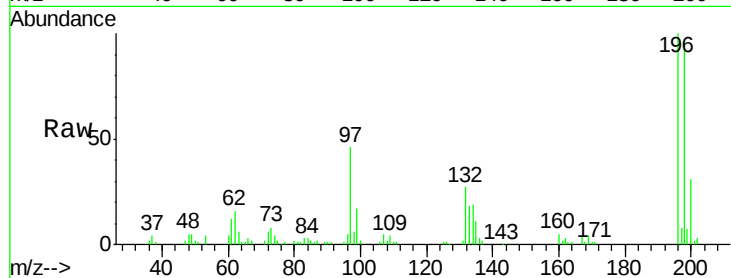




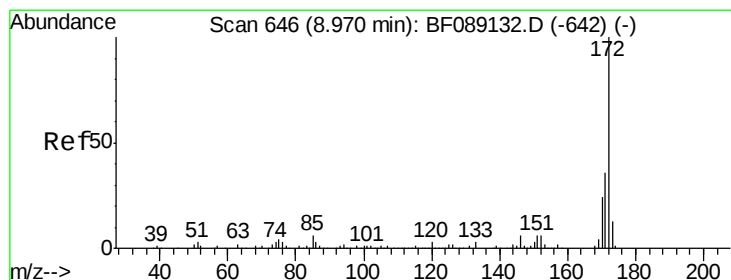
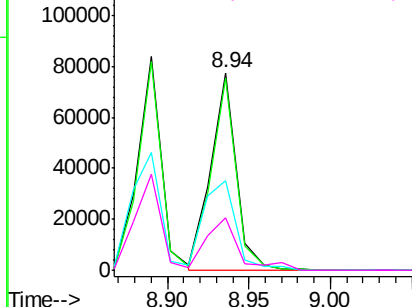
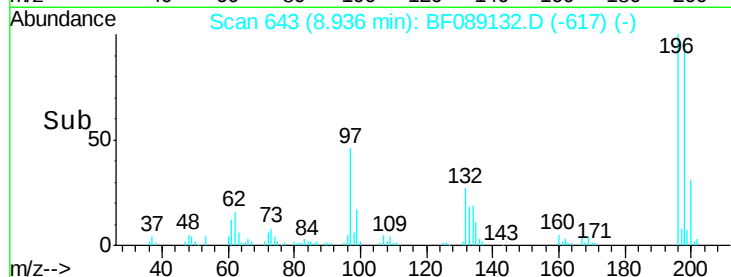
#43
 2,4,5-Trichlorophenol
 Concen: 44.55 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 85014
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.6 116.4
 97 45.6 36.5 54.7
 132 26.5 21.2 31.8

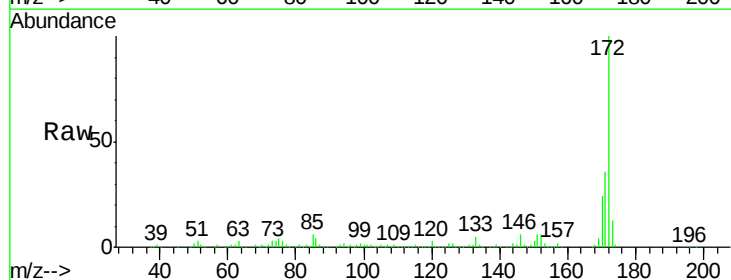


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

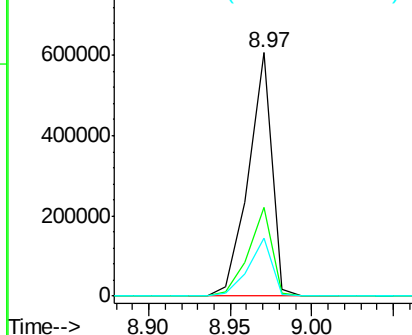
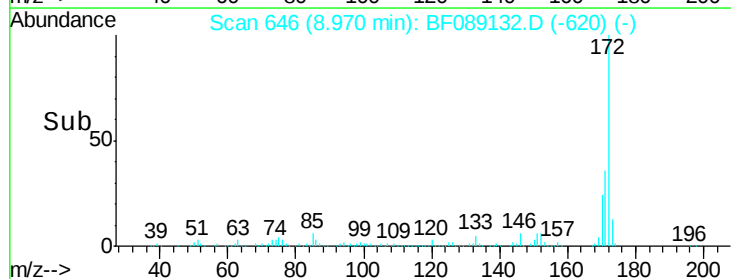


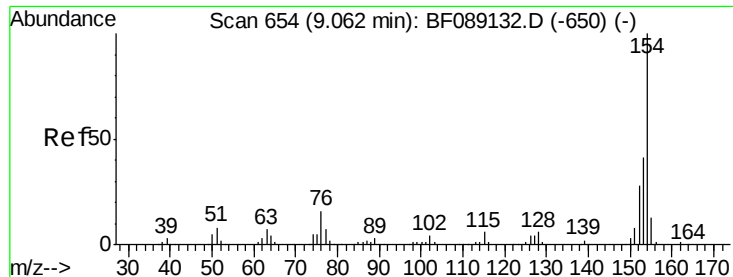
#44
 2-Fluorobiphenyl
 Concen: 91.40 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion:172 Resp: 605594
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 23.9 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

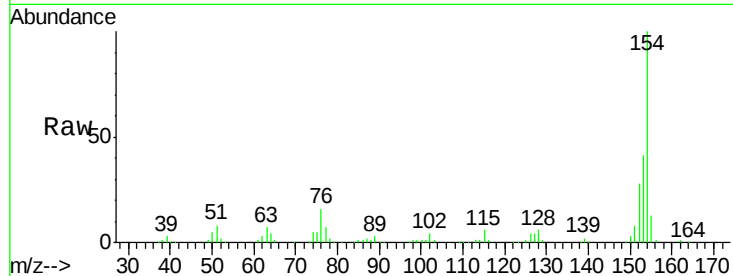




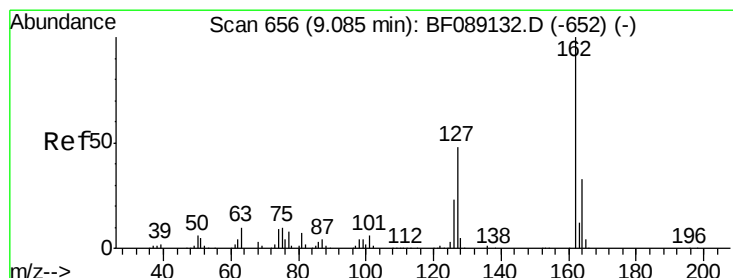
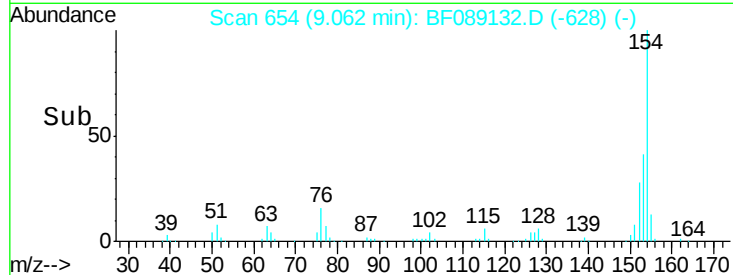
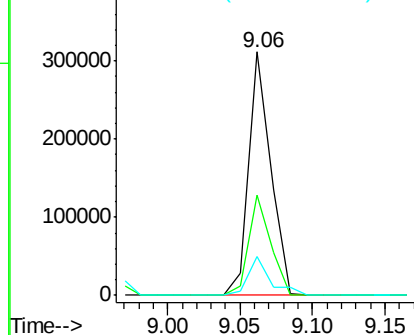
#45
 1,1'-Biphenyl
 Concen: 39.86 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 327743
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.1 61.1
 76 15.8 0.0 35.8

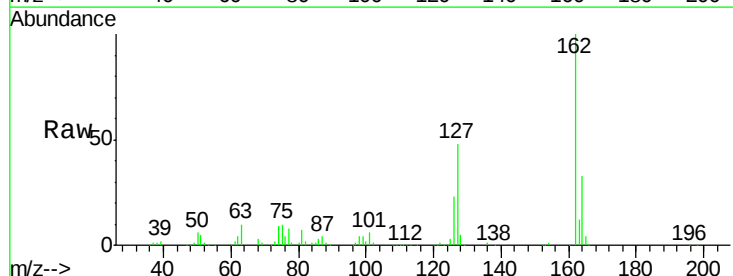


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

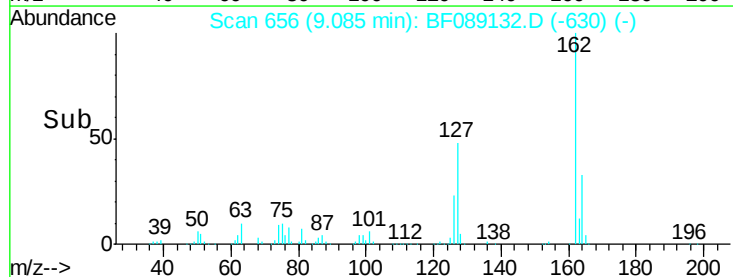
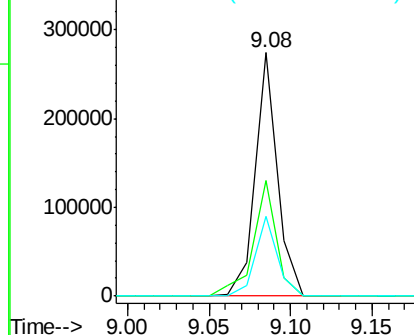


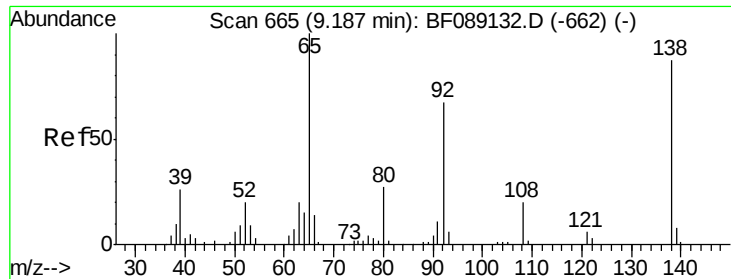
#46
 2-Chloronaphthalene
 Concen: 40.11 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion:162 Resp: 258944
 Ion Ratio Lower Upper
 162 100
 127 47.6 38.1 57.1
 164 32.6 26.1 39.1



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

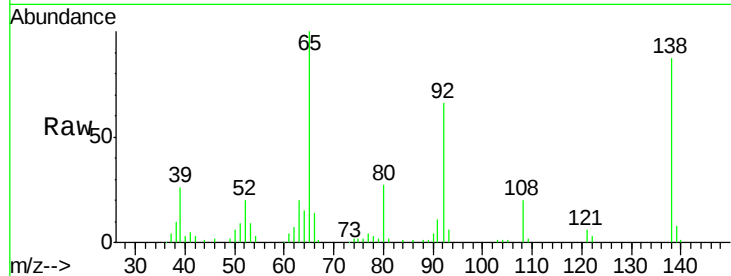




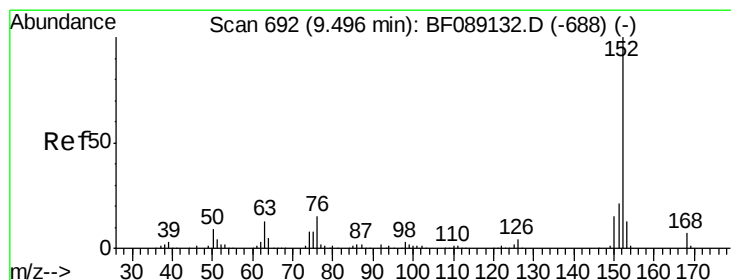
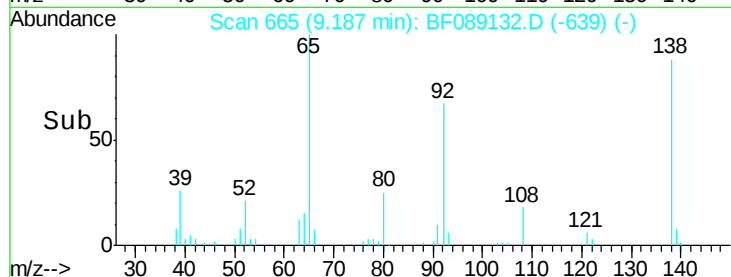
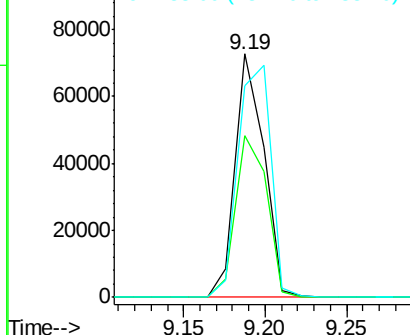
#47
2-Nitroaniline
Concen: 39.18 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 88187
Ion Ratio Lower Upper
65 100
92 66.5 53.2 79.8
138 86.8 69.4 104.2

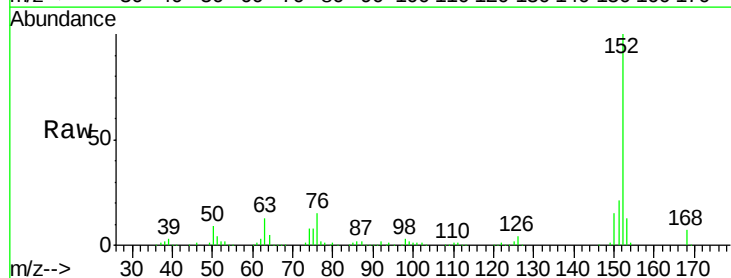


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

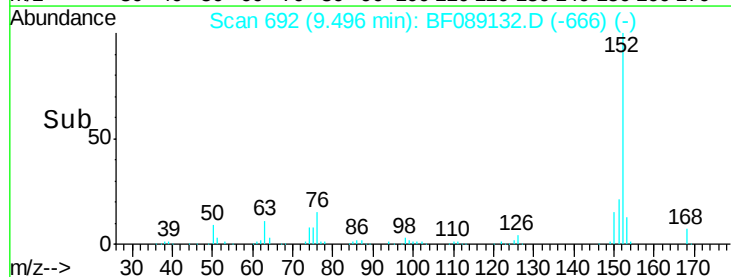
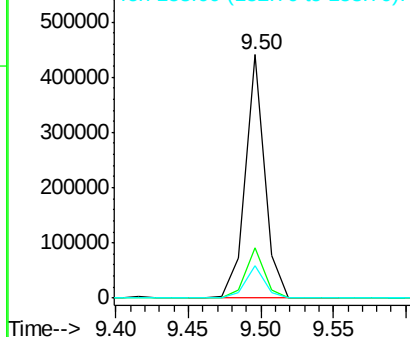


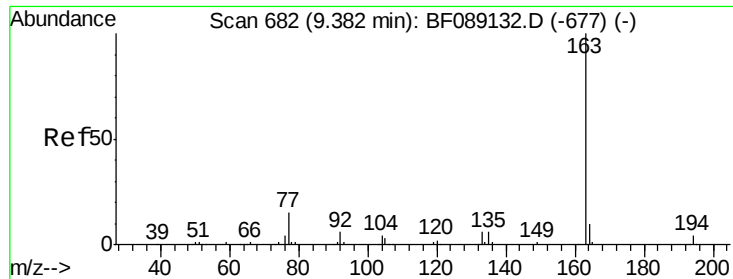
#48
Acenaphthylene
Concen: 39.64 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Tgt Ion: 152 Resp: 407909
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.4 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

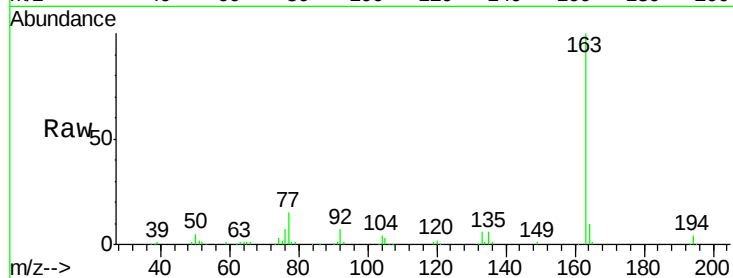




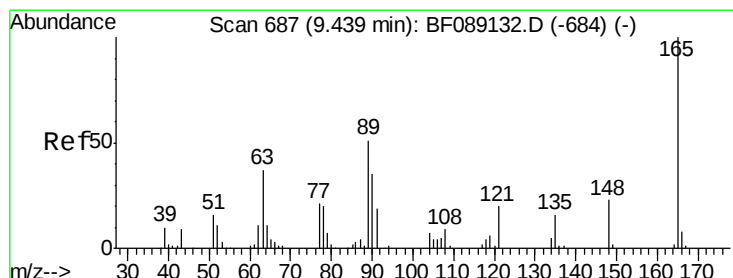
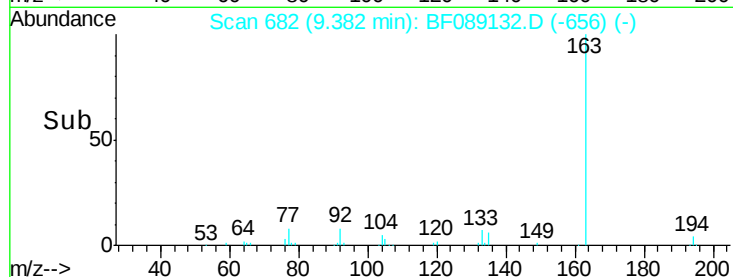
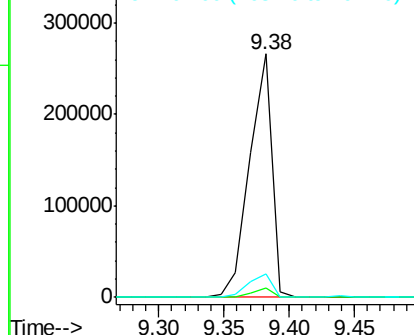
#49
Dimethylphthalate
Concen: 43.32 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 316324
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.5 7.6 11.4

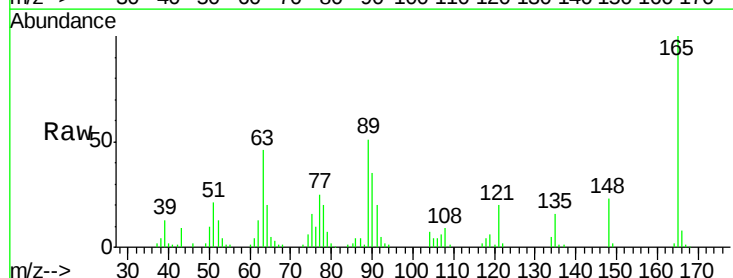


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

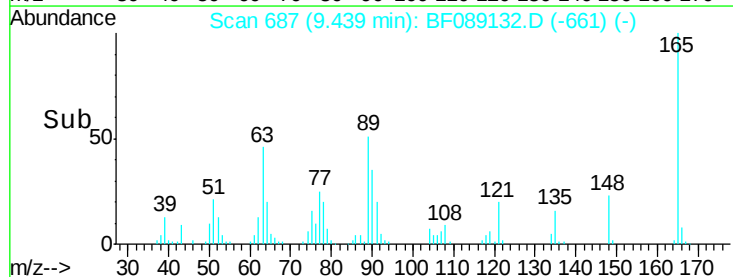
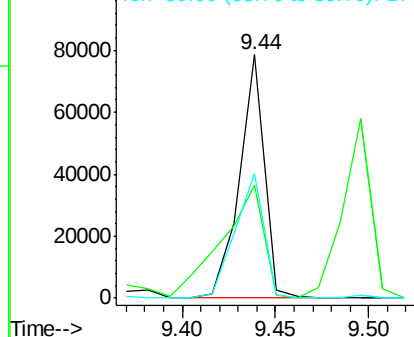


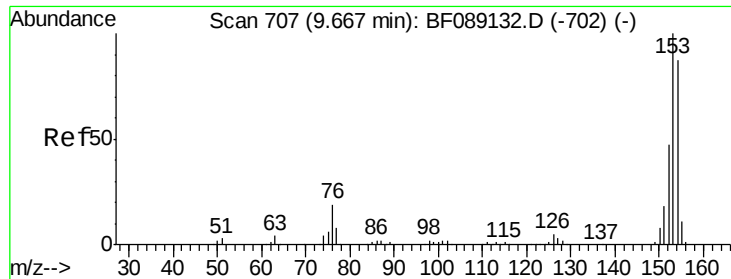
#50
2,6-Dinitrotoluene
Concen: 45.12 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Tgt Ion:165 Resp: 73431
Ion Ratio Lower Upper
165 100
63 46.2 37.0 55.4
89 51.1 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

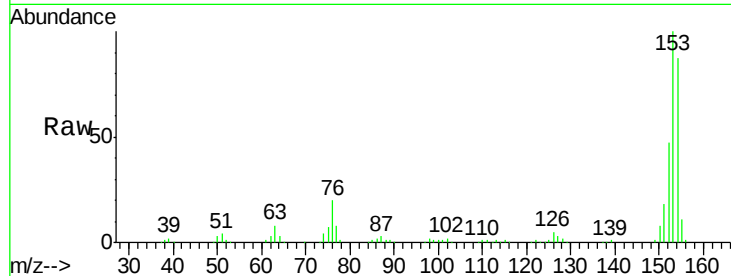




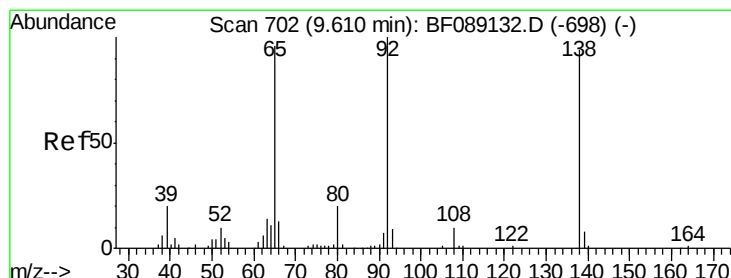
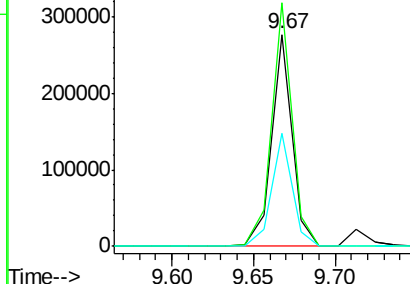
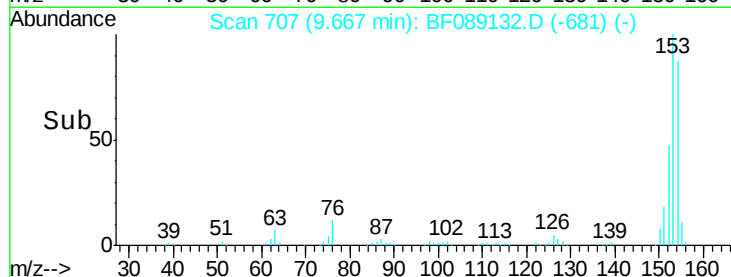
#51
Acenaphthene
Concen: 38.53 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 243927
Ion Ratio Lower Upper
154 100
153 114.9 91.9 137.9
152 53.5 42.8 64.2

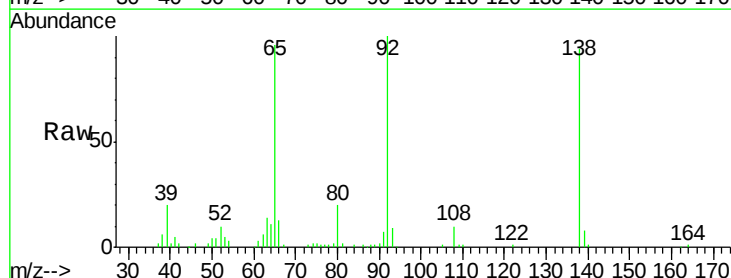


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

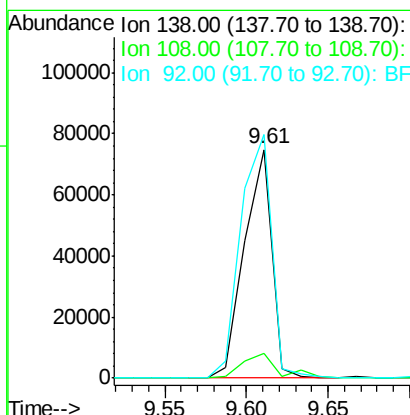
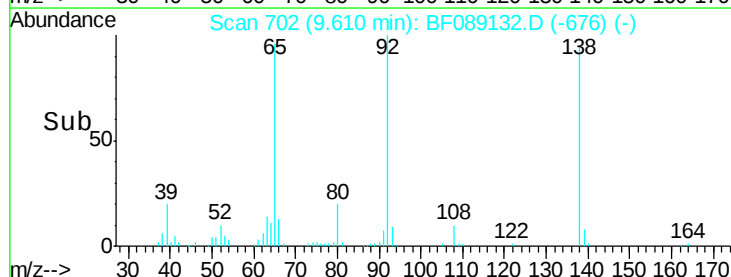


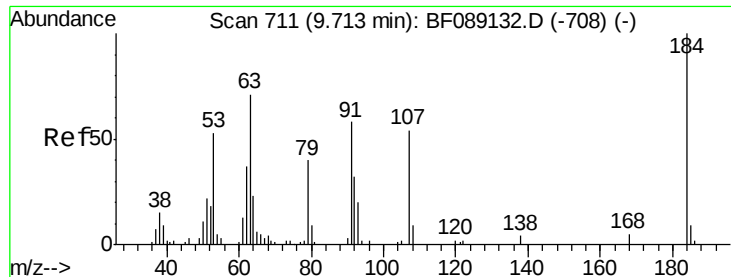
#52
3-Nitroaniline
Concen: 43.79 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Tgt Ion:138 Resp: 87134
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 106.6 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

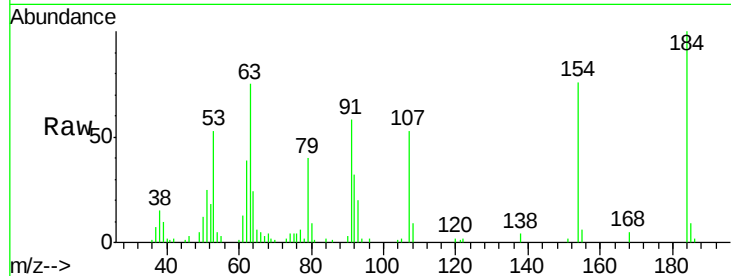




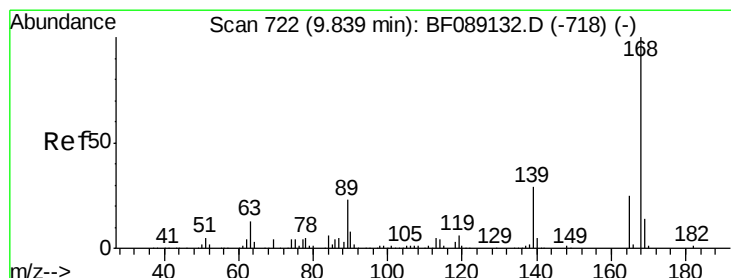
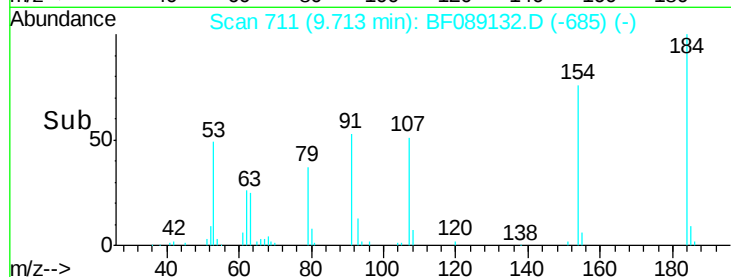
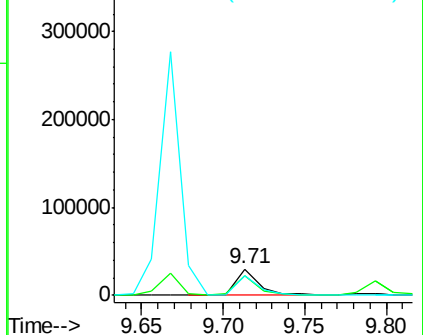
#53
2,4-Dinitrophenol
Concen: 43.08 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 30559
Ion Ratio Lower Upper
184 100
63 75.4 60.3 90.5
154 75.9 60.7 91.1

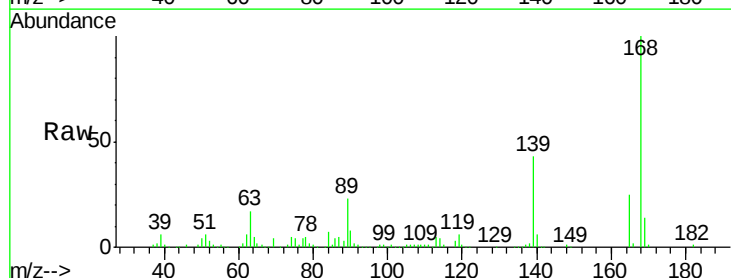


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

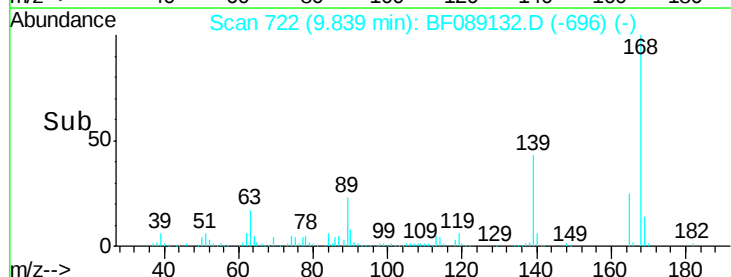
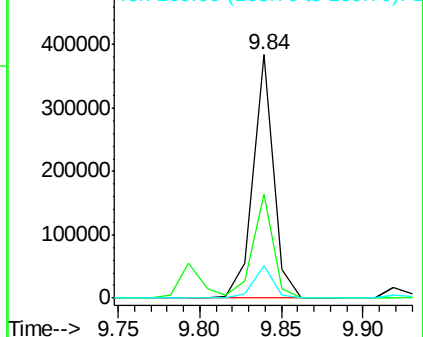


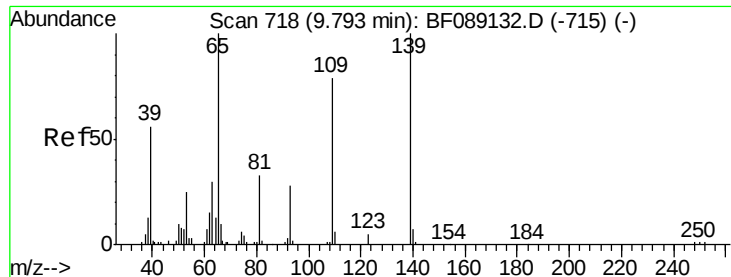
#54
Dibenzofuran
Concen: 40.34 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Tgt Ion:168 Resp: 334780
Ion Ratio Lower Upper
168 100
139 43.0 34.4 51.6
169 13.5 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: 36.46 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :
BNA_F
ClientSampleId :

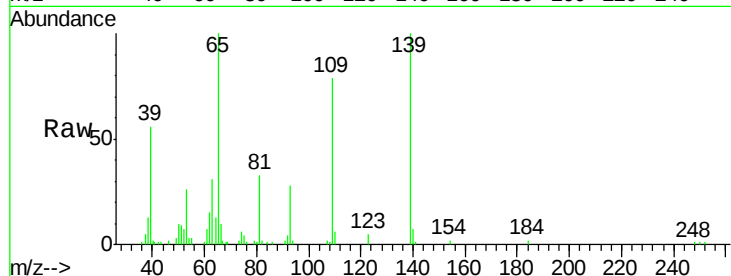
Tot Ion:139 Resp: 53734

Ion Ratio Lower Upper

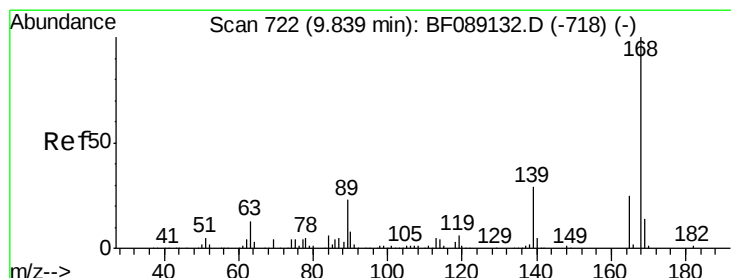
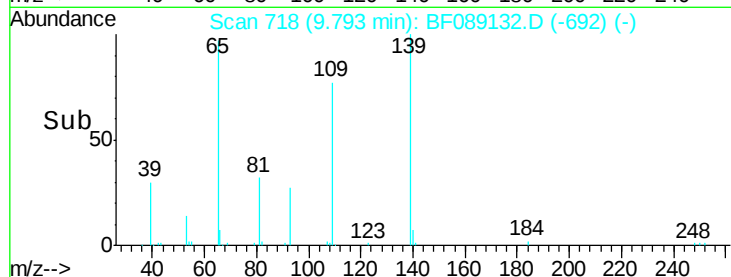
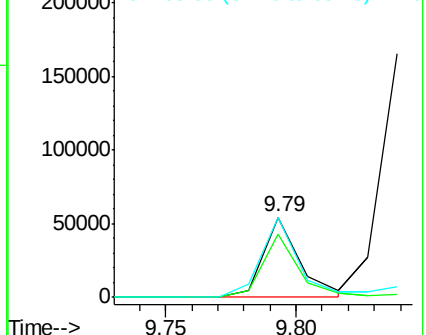
139 100

109 78.7 58.7 98.7

65 100.2 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): BF0



#56

2,4-Dinitrotoluene

Concen: 42.28 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Tgt Ion:165 Resp: 88614

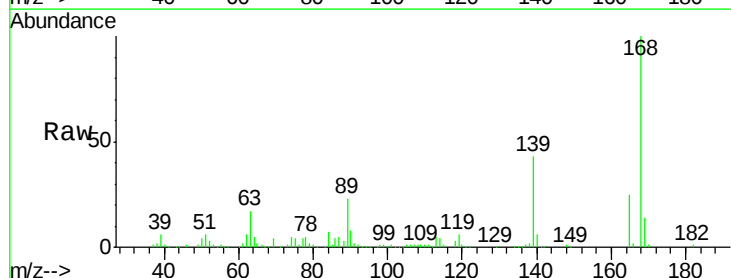
Ion Ratio Lower Upper

165 100

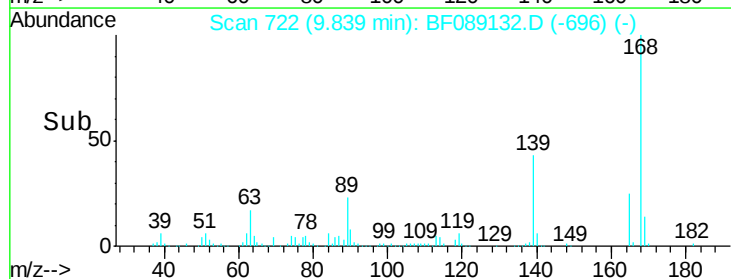
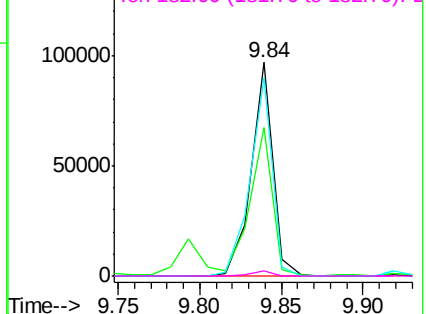
63 69.3 55.4 83.2

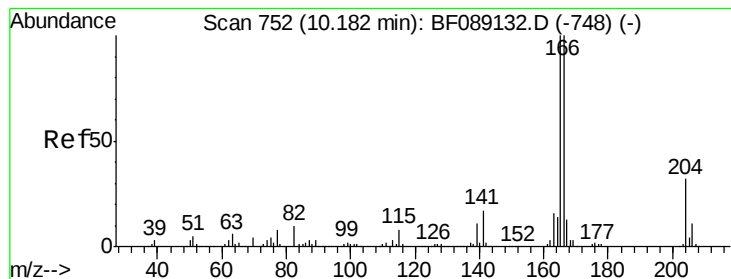
89 92.9 74.3 111.5

182 2.5 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: 47.39 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

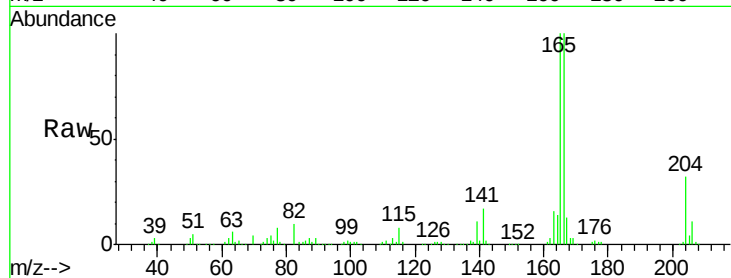
Tot Ion:166 Resp: 313591

Ion Ratio Lower Upper

166 100

165 99.9 79.9 119.9

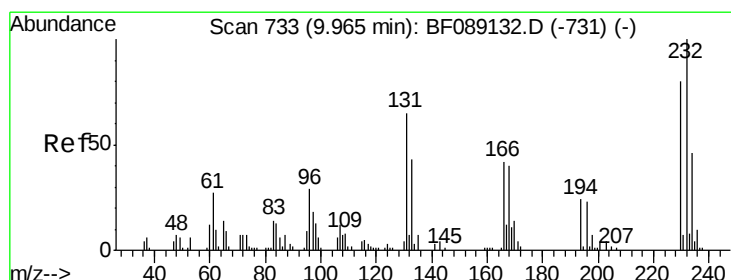
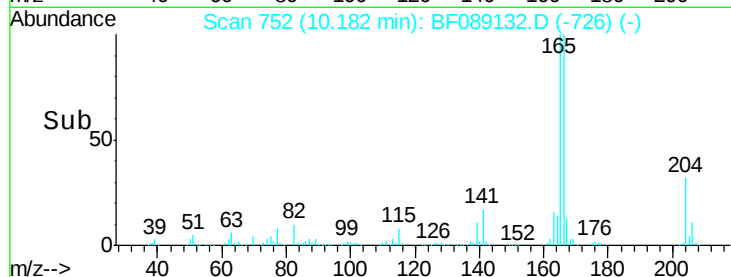
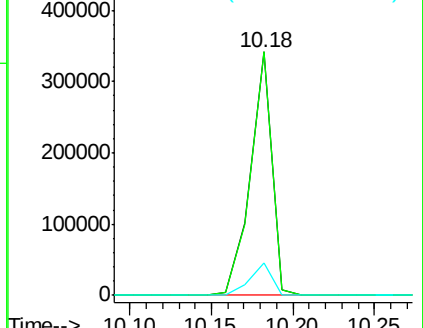
167 13.4 10.7 16.1



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: 42.62 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Tgt Ion:232 Resp: 62419

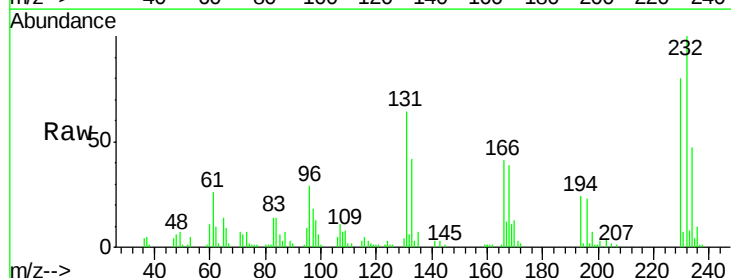
Ion Ratio Lower Upper

232 100

131 57.7 46.2 69.2

130 2.9 2.3 3.5

166 36.9 29.5 44.3

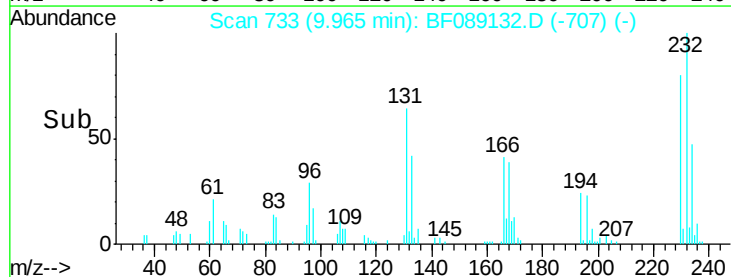
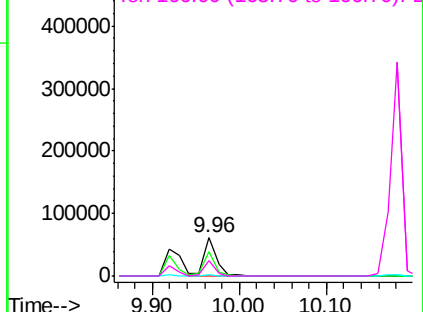


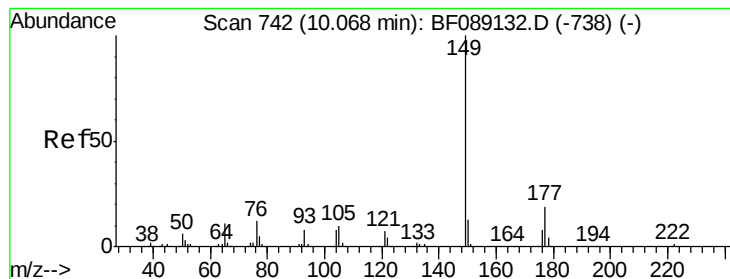
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.56 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

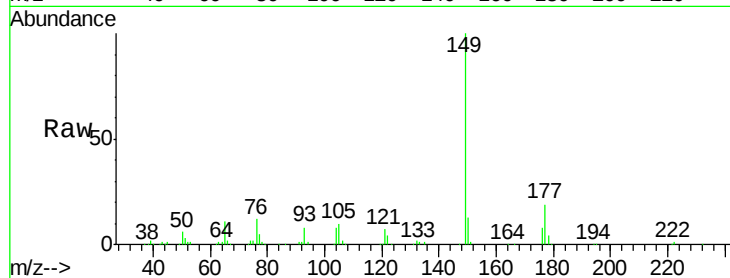
Tot Ion:149 Resp: 290012

Ion Ratio Lower Upper

149 100

177 19.5 15.6 23.4

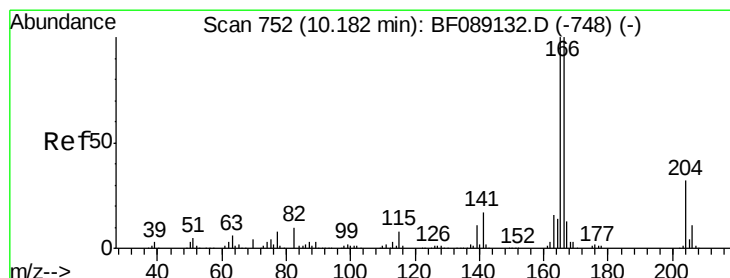
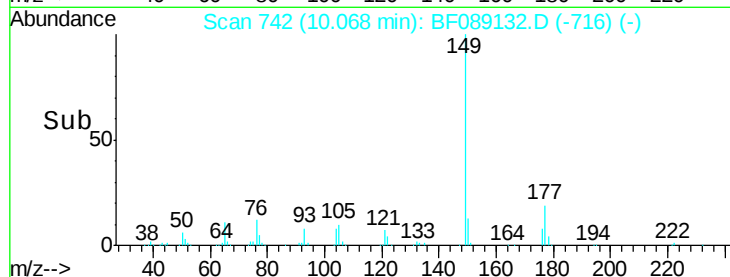
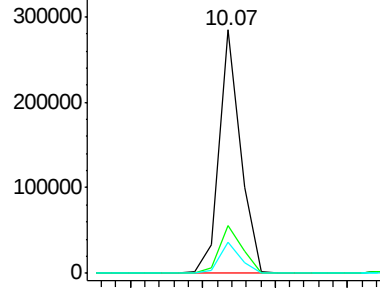
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.92 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

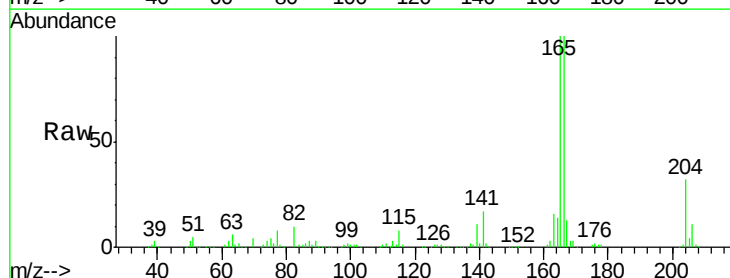
Tgt Ion:204 Resp: 126981

Ion Ratio Lower Upper

204 100

206 32.8 26.2 39.4

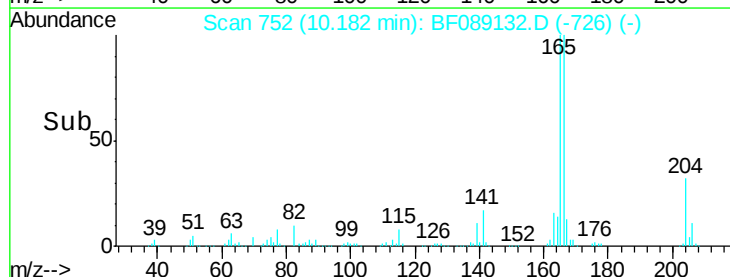
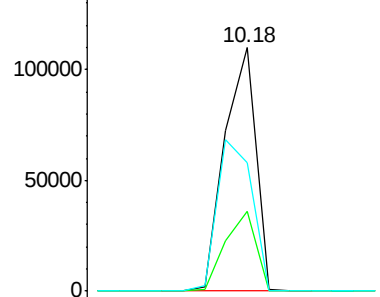
141 52.8 42.2 63.4

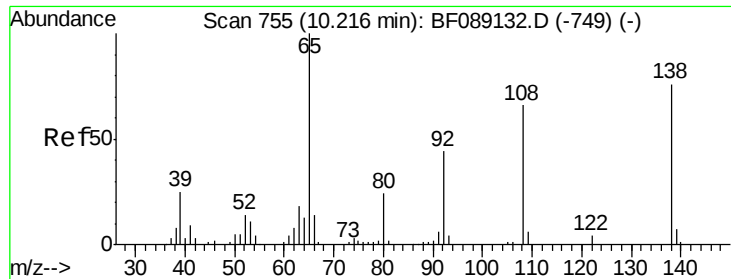


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.02 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampled :

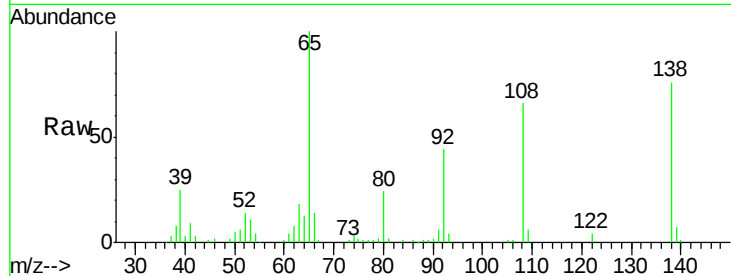
Tot Ion:138 Resp: 78114

Ion Ratio Lower Upper

138 100

92 57.2 37.2 77.2

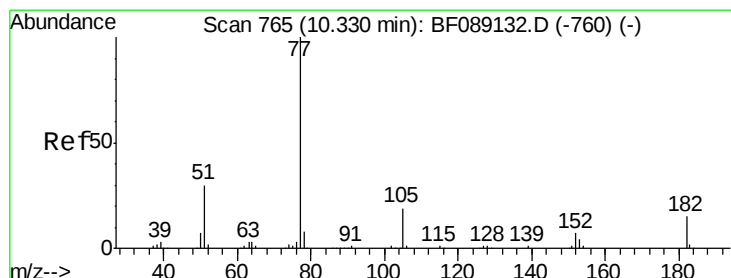
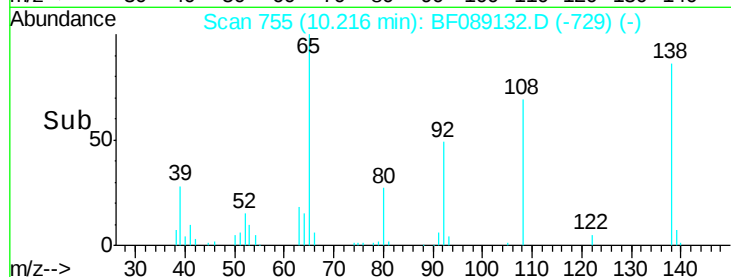
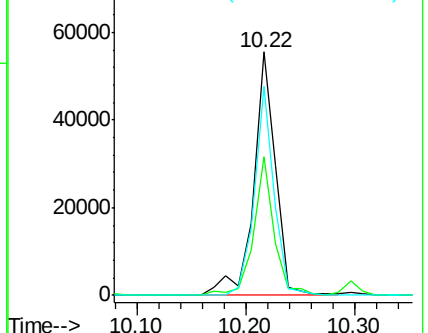
108 86.1 66.1 106.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.59 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Tgt Ion: 77 Resp: 305038

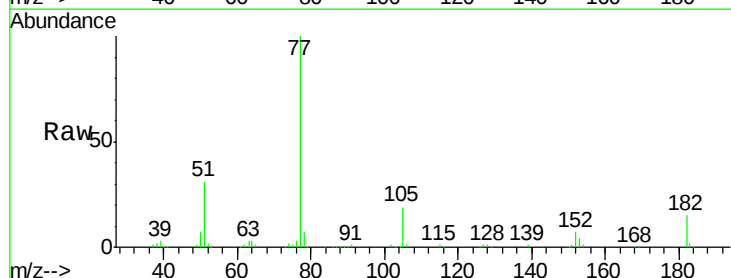
Ion Ratio Lower Upper

77 100

182 15.0 0.0 35.0

105 19.4 0.0 39.4

51 30.7 10.7 50.7

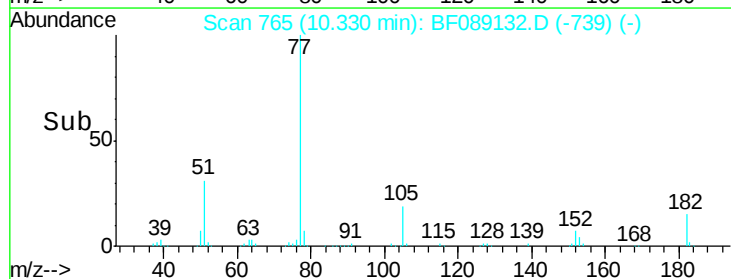
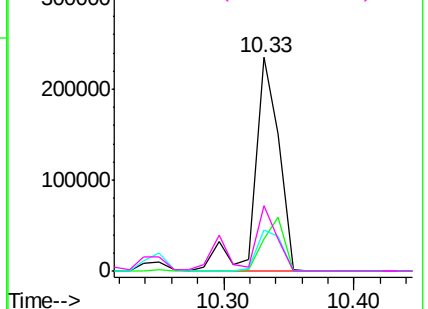


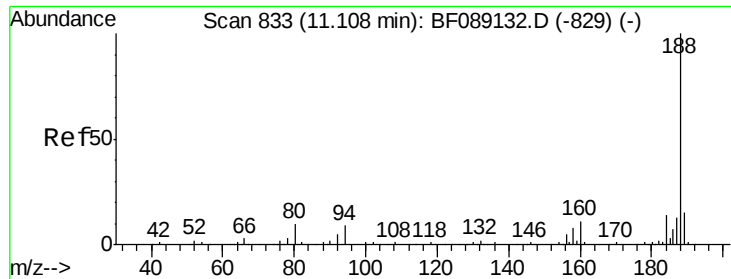
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

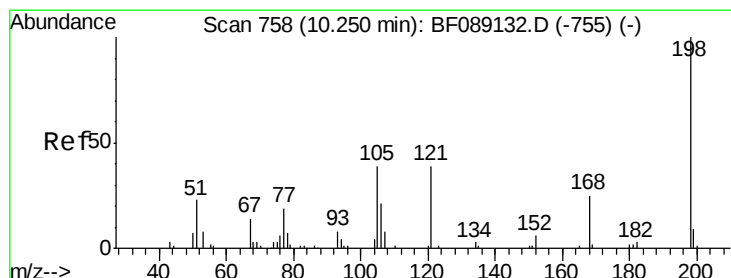
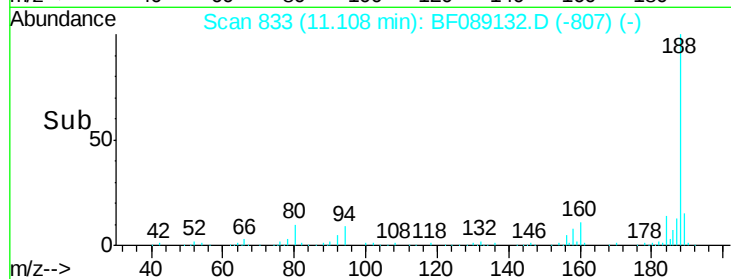
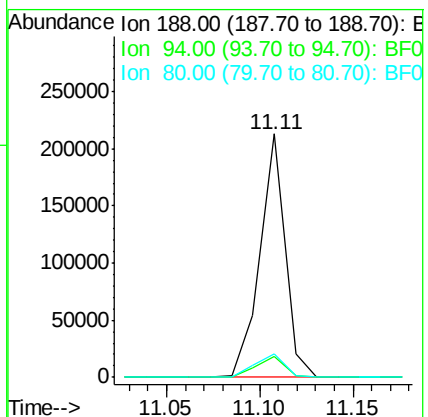
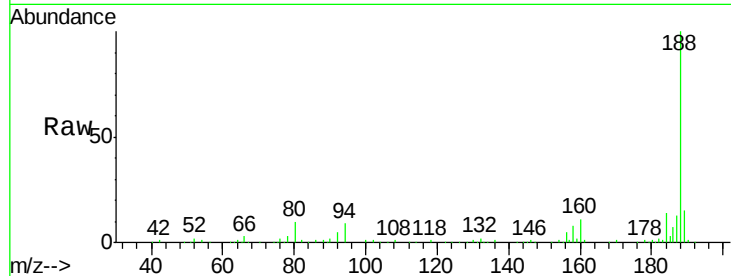




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

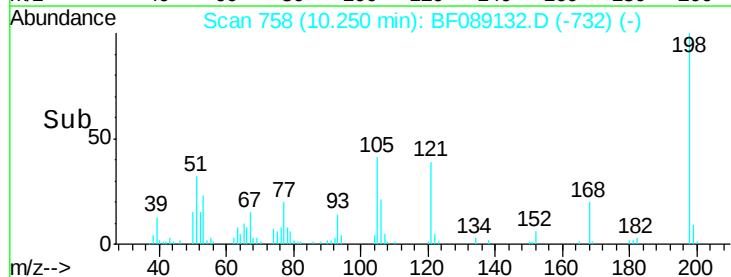
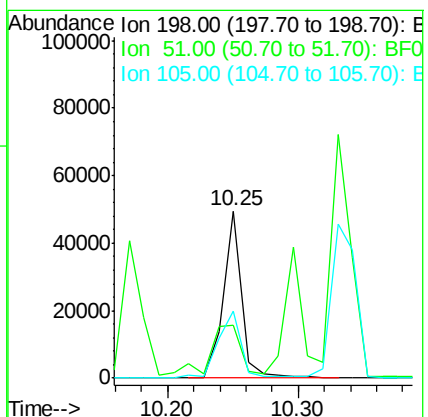
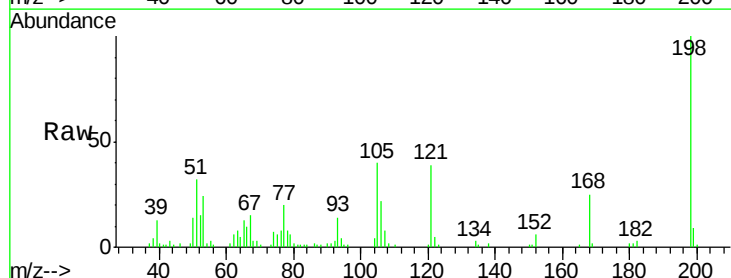
Instrument :
BNA_F
ClientSampleId :

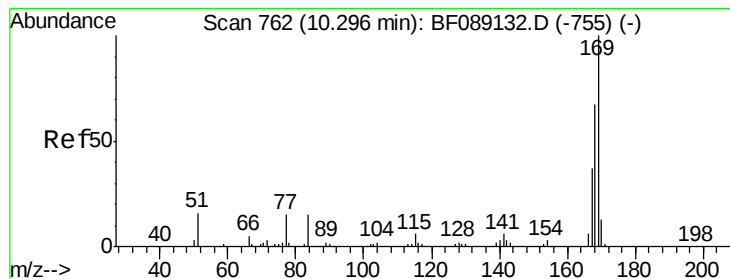
Tot Ion:188 Resp: 198761
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.6 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 45.62 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Tgt Ion:198 Resp: 48874
Ion Ratio Lower Upper
198 100
51 31.7 11.7 51.7
105 40.3 20.3 60.3

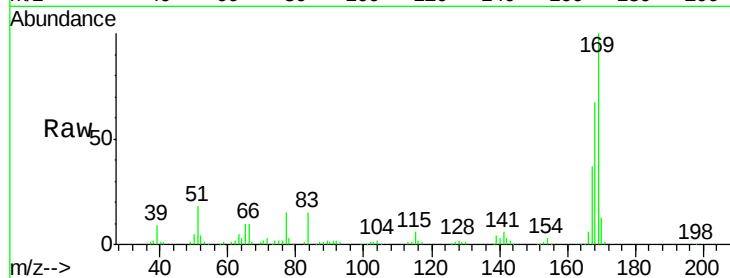




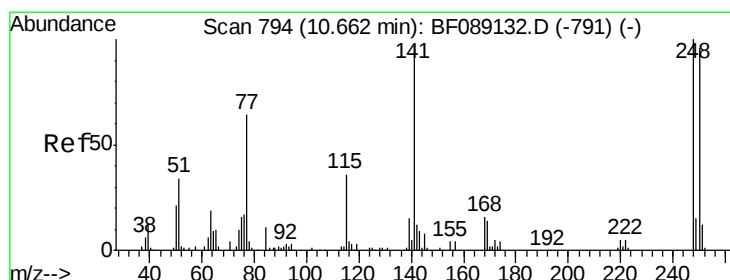
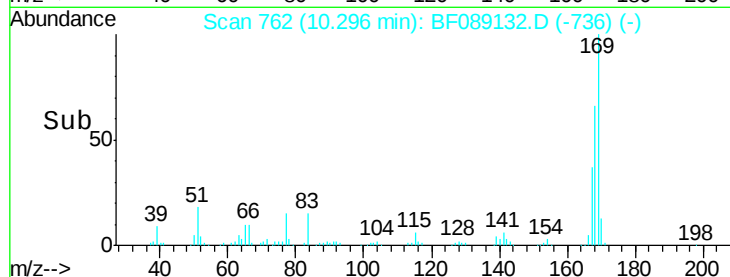
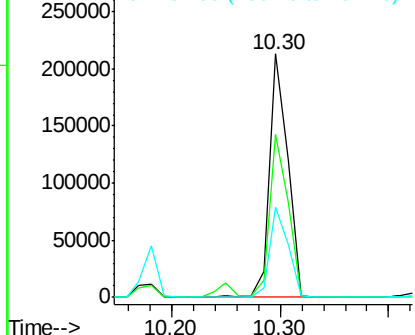
#65
 n-Nitrosodiphenylamine
 Concen: 37.36 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 247030
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.4 80.0
 167 36.9 29.5 44.3

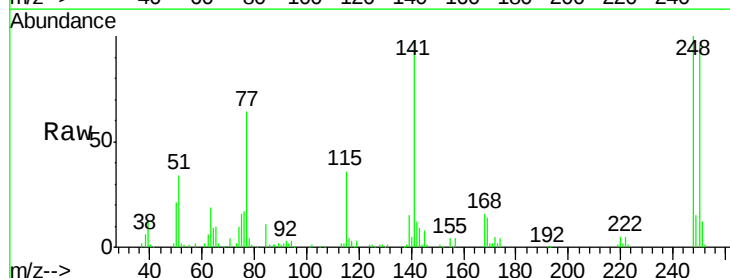


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

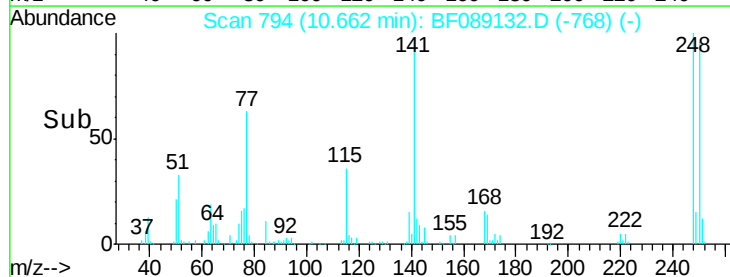
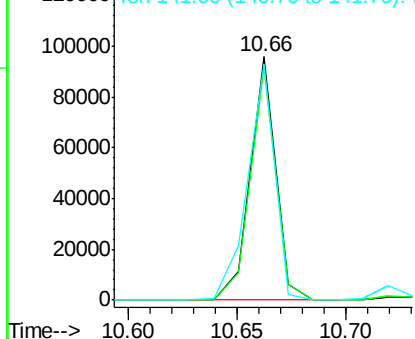


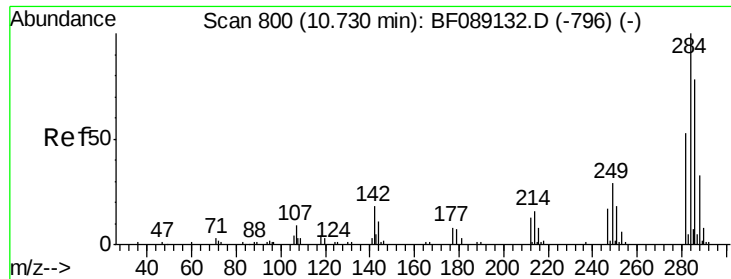
#66
 4-Bromophenyl-phenylether
 Concen: 38.89 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion:248 Resp: 77829
 Ion Ratio Lower Upper
 248 100
 250 96.1 76.9 115.3
 141 96.8 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

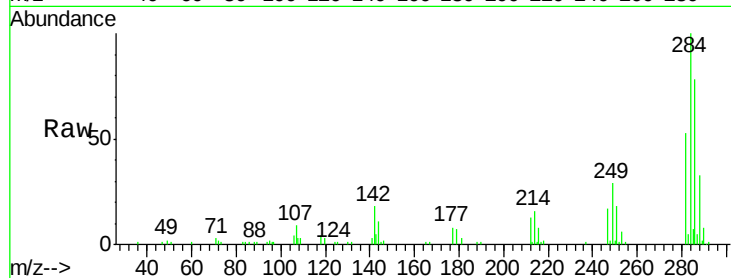




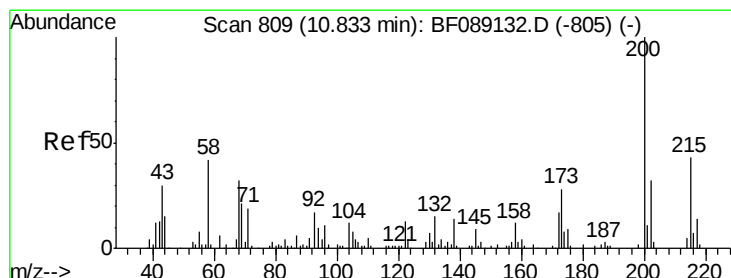
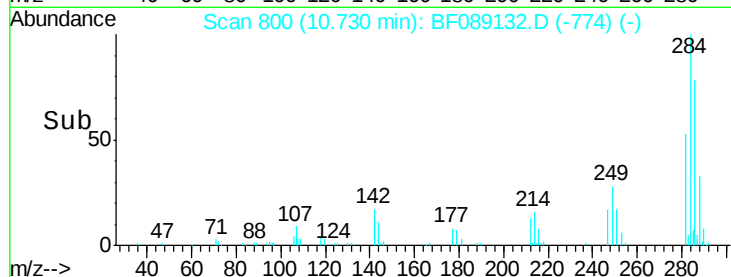
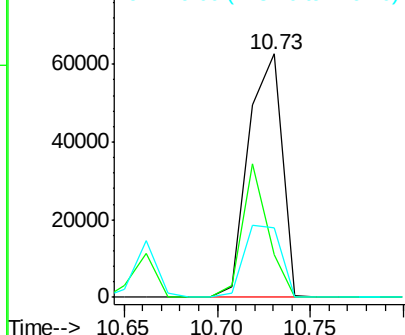
#67
Hexachlorobenzene
Concen: 36.32 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 79285
Ion Ratio Lower Upper
284 100
142 17.6 14.1 21.1
249 28.7 23.0 34.4

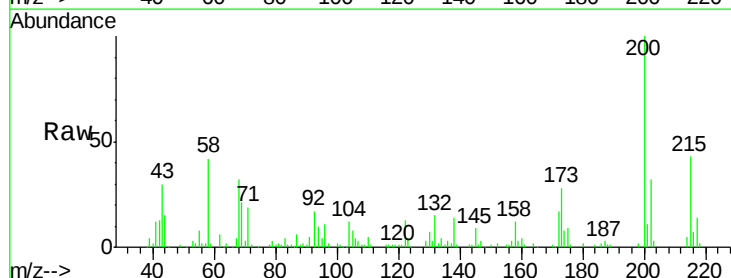


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

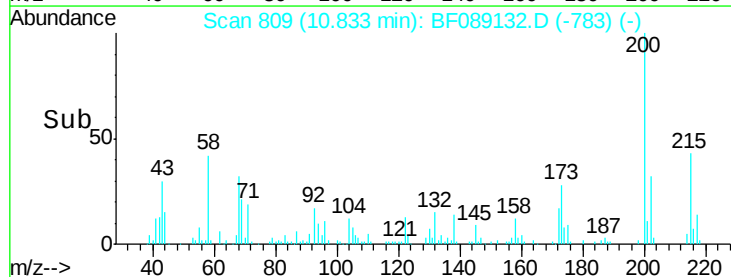
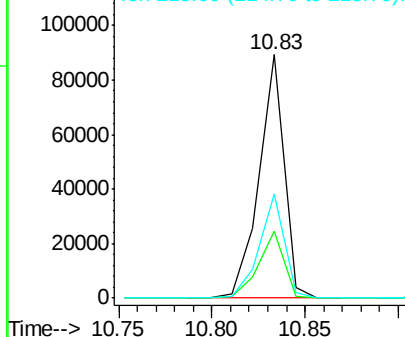


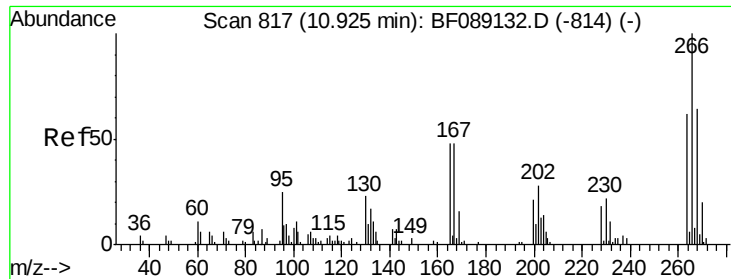
#68
Atrazine
Concen: 39.69 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Tgt Ion:200 Resp: 82502
Ion Ratio Lower Upper
200 100
173 27.8 7.8 47.8
215 42.9 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

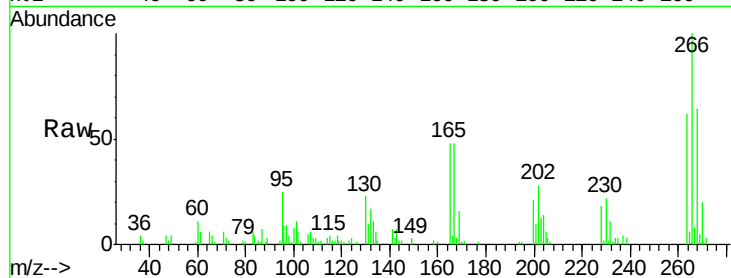




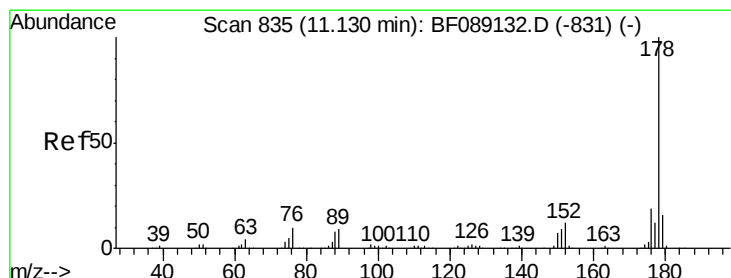
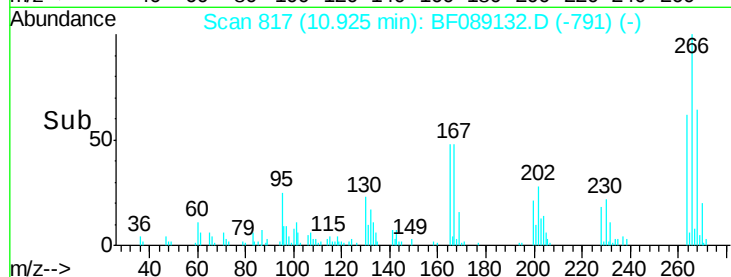
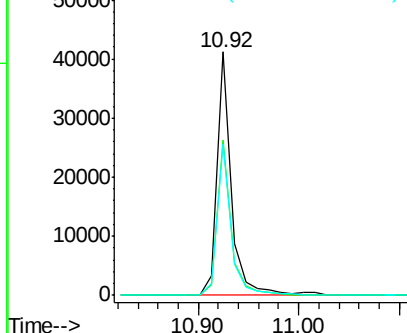
#69
 Pentachlorophenol
 Concen: 32.27 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 40624
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.2 76.8
 264 62.1 49.7 74.5

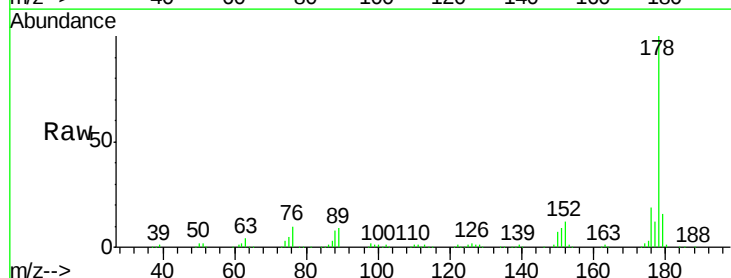


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

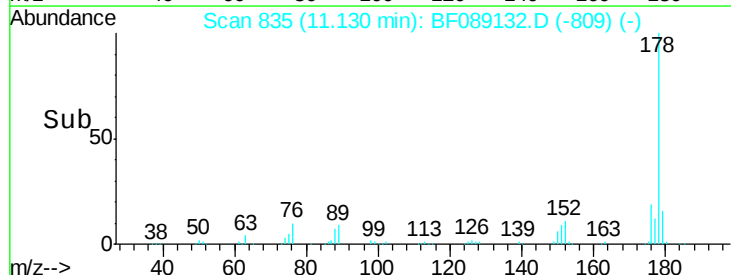
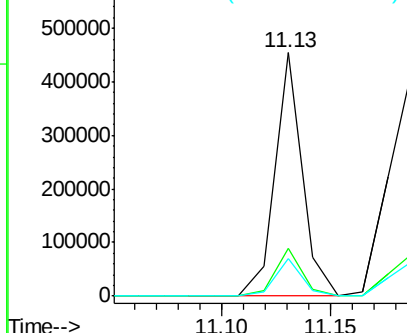


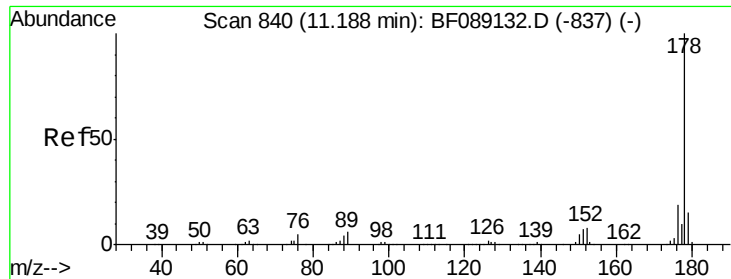
#70
 Phenanthrene
 Concen: 37.13 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion:178 Resp: 402105
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.5 12.4 18.6



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

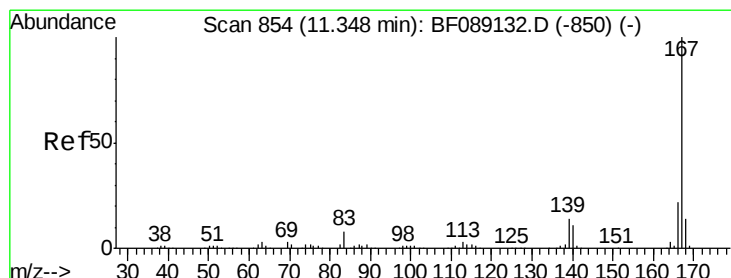
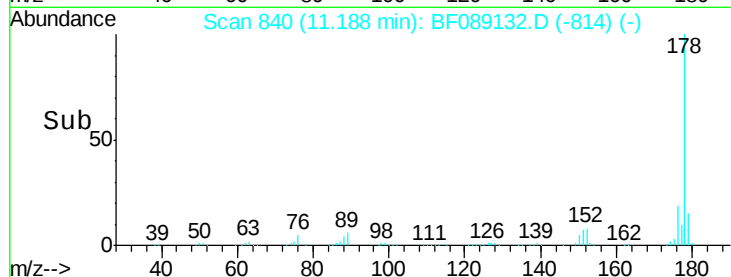
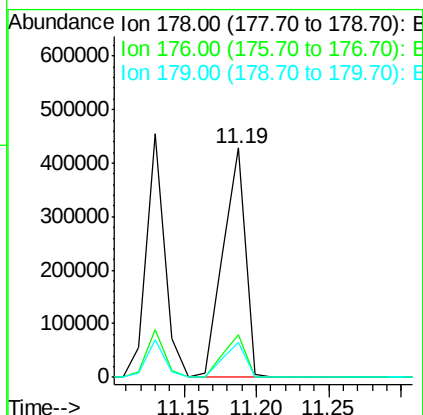
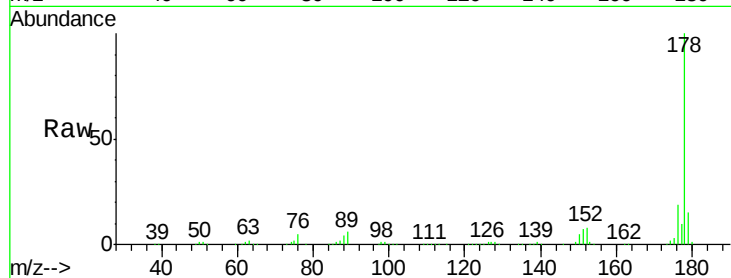




#71
 Anthracene
 Concen: 41.84 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

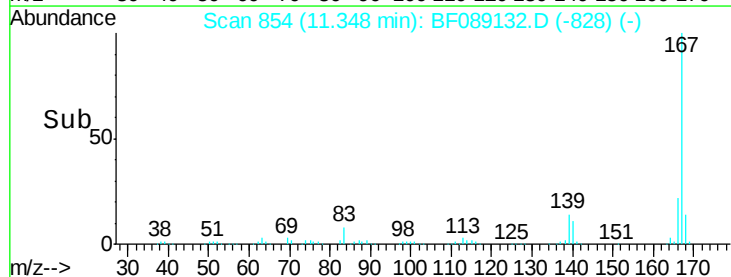
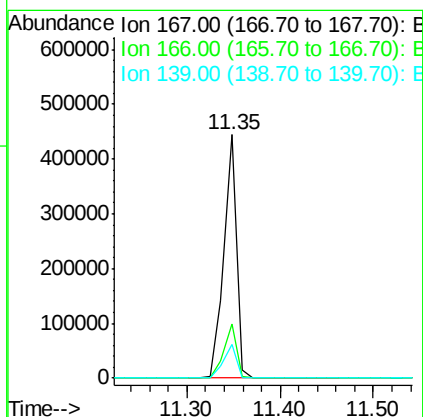
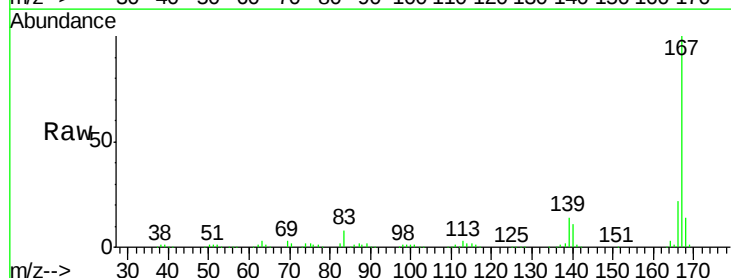
Instrument :
 BNA_F
 ClientSampleId :

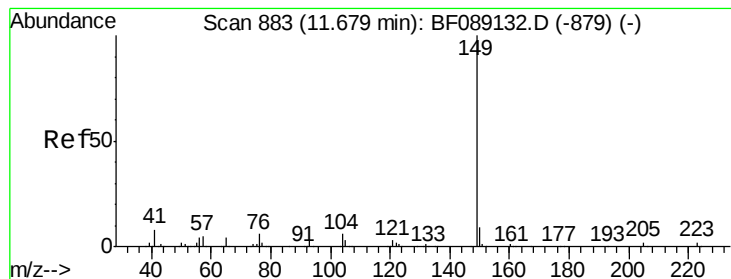
Tot Ion:178 Resp: 455234
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.9 22.3
 179 15.0 12.0 18.0



#72
 Carbazole
 Concen: 40.14 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion:167 Resp: 415256
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.7 11.0 16.4





#73

Di-n-butylphthalate

Concen: 37.81 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

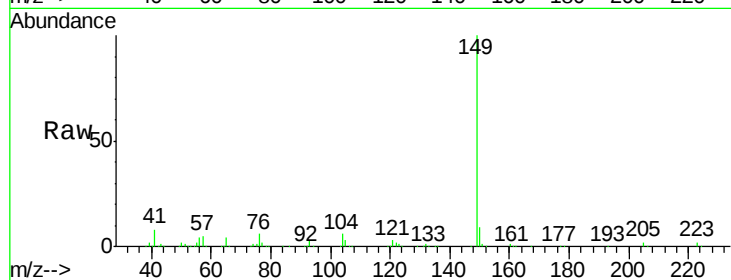
Tot Ion:149 Resp: 447019

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

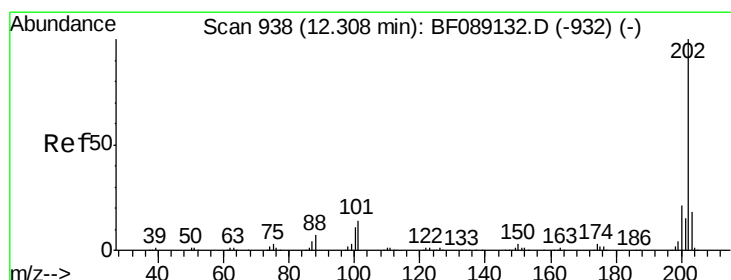
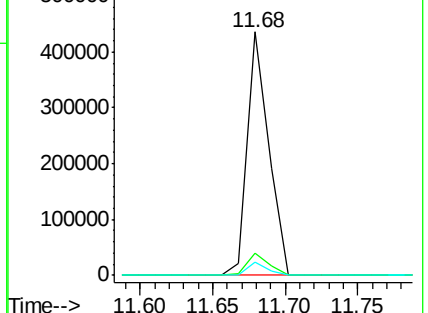
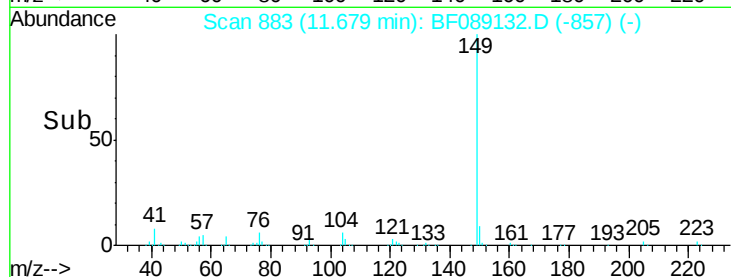
104 5.7 4.6 6.8



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: 38.25 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

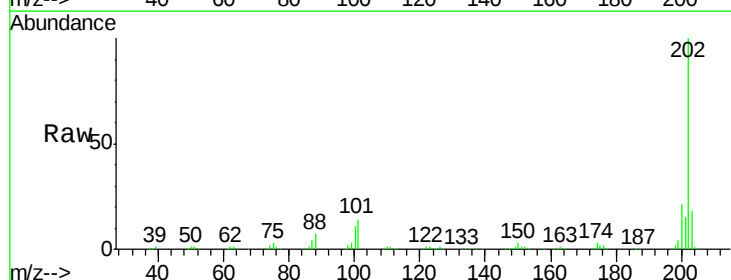
Tgt Ion:202 Resp: 414792

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.0

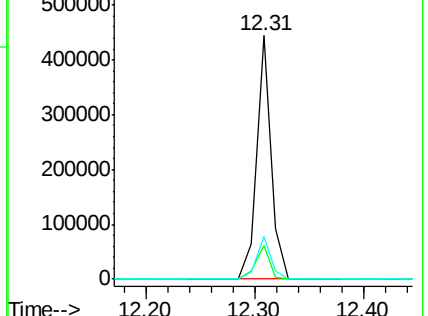
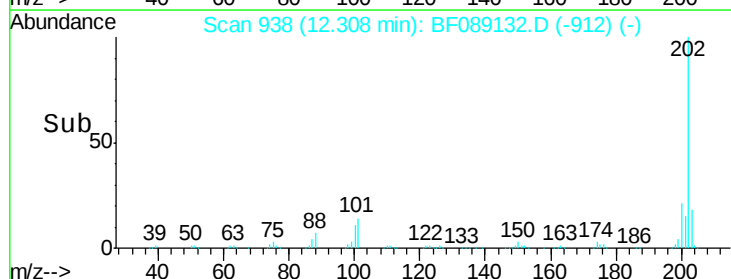
203 17.8 0.0 37.8

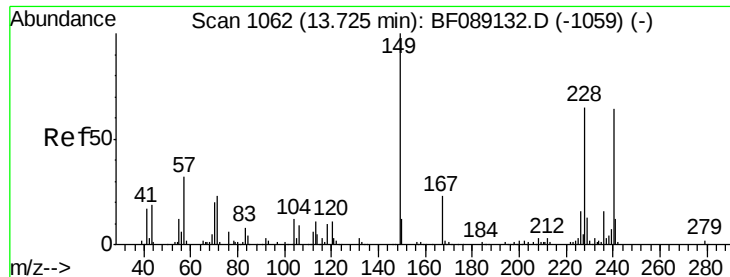


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

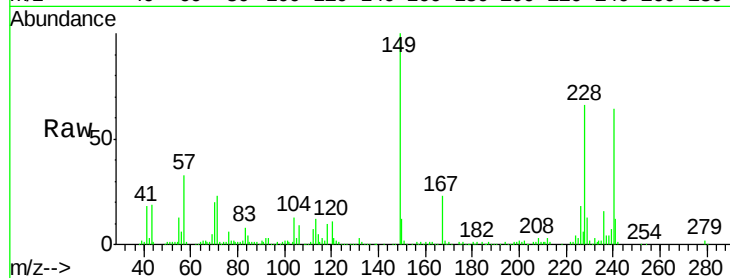
Tot Ion:240 Resp: 141721

Ion Ratio Lower Upper

240 100

120 17.0 13.6 20.4

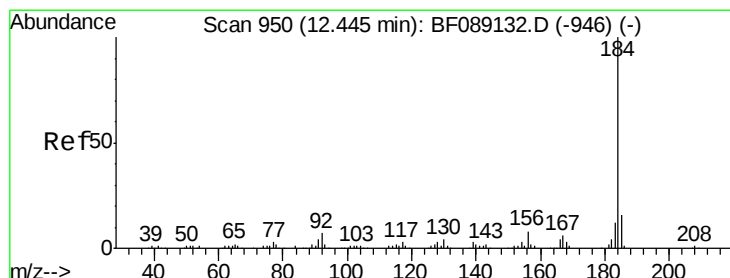
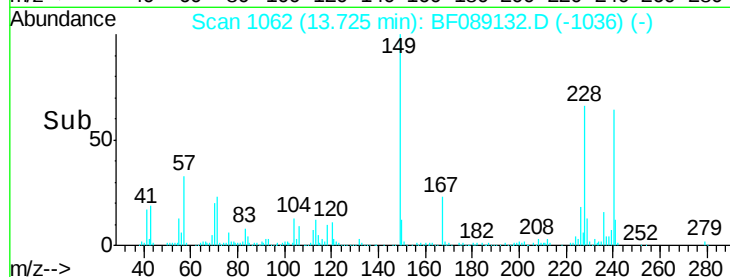
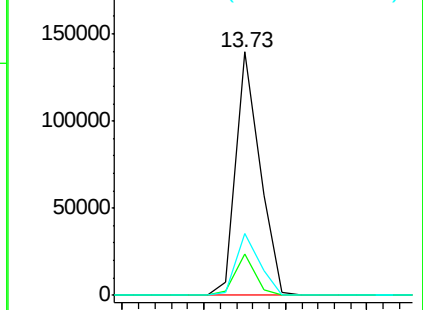
236 25.6 20.5 30.7



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: 28.49 ng

RT: 12.44 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

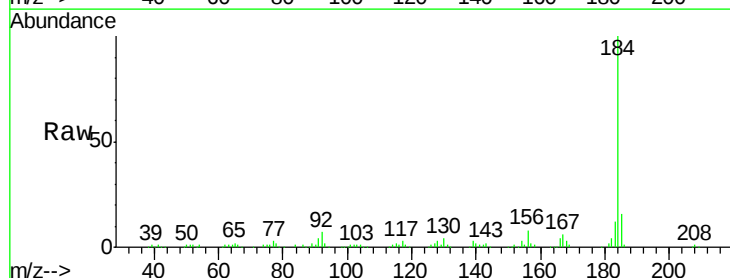
Tgt Ion:184 Resp: 193819

Ion Ratio Lower Upper

184 100

185 15.6 12.5 18.7

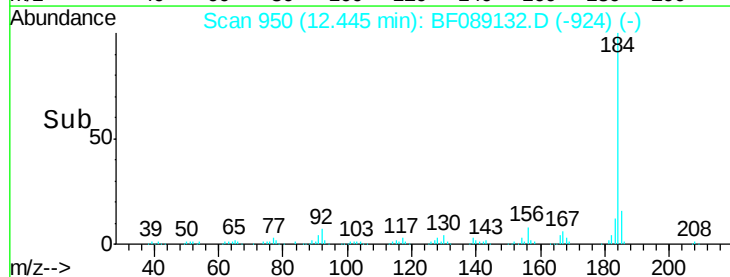
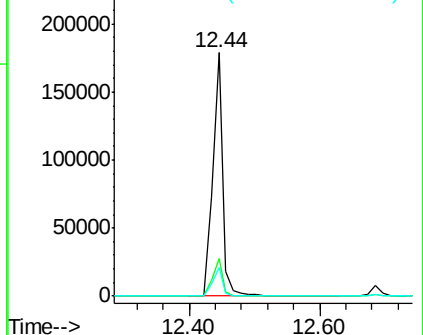
183 12.0 9.6 14.4

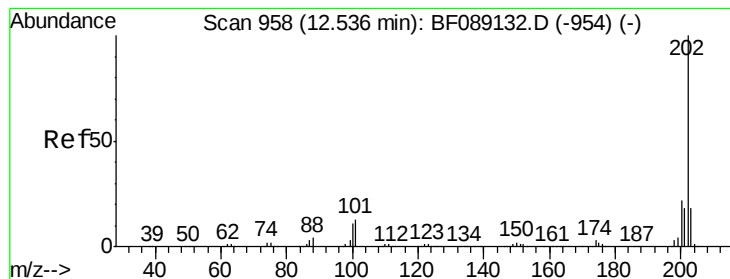


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.91 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

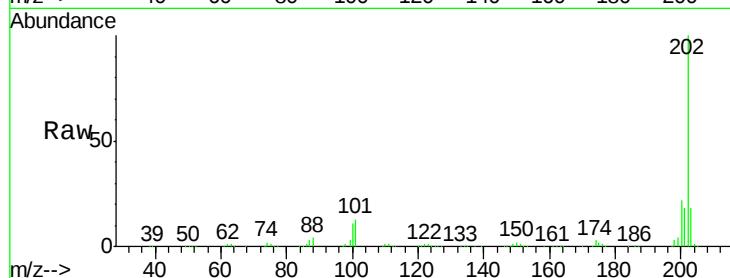
Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

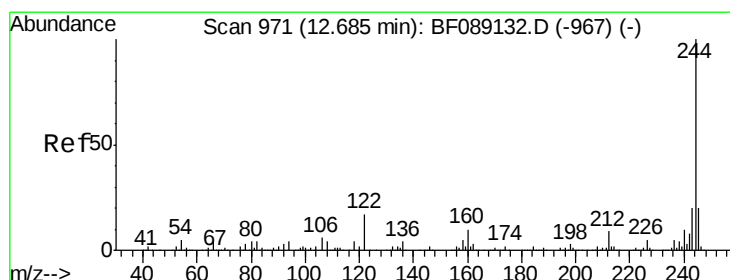
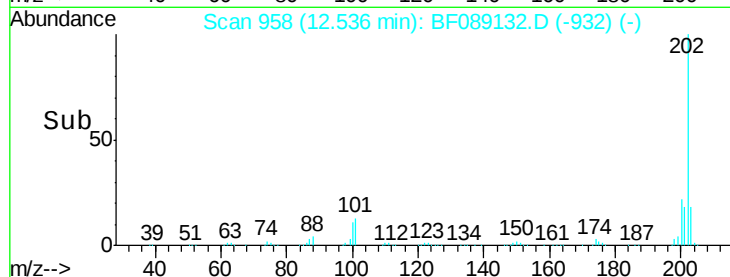
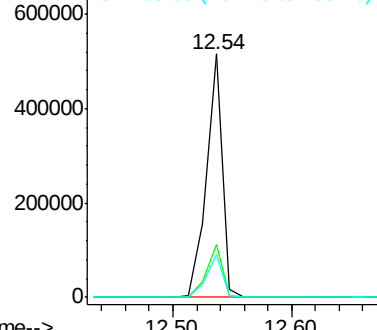
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 475107

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.0
203	17.7	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: 74.32 ng

RT: 12.68 min Scan# 971

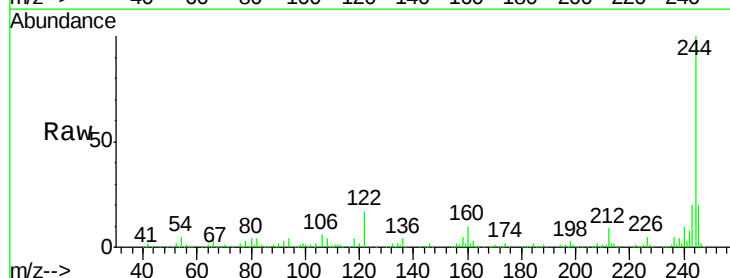
Delta R.T. 0.00 min

Lab File: BF089132.D

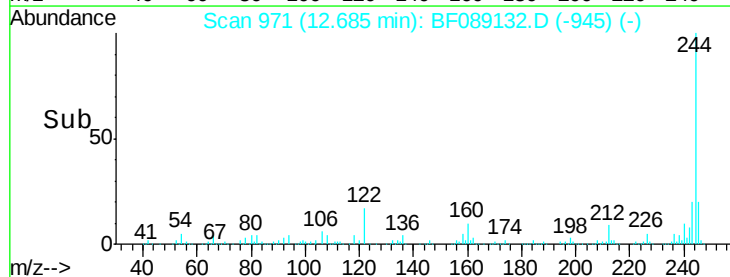
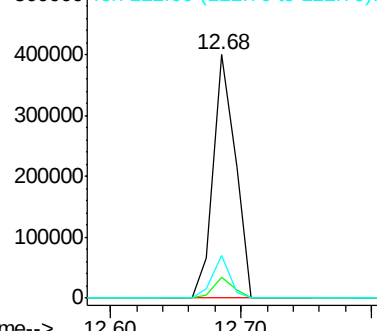
Acq: 20 Jul 2016 13:33

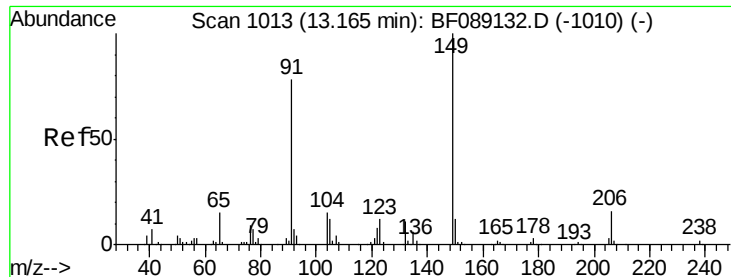
Tgt Ion:244 Resp: 469141

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	17.3	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: 37.68 ng

RT: 13.16 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

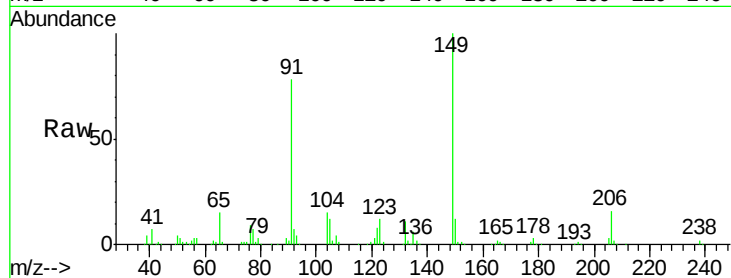
Tot Ion:149 Resp: 199982

Ion Ratio Lower Upper

149 100

91 78.2 62.6 93.8

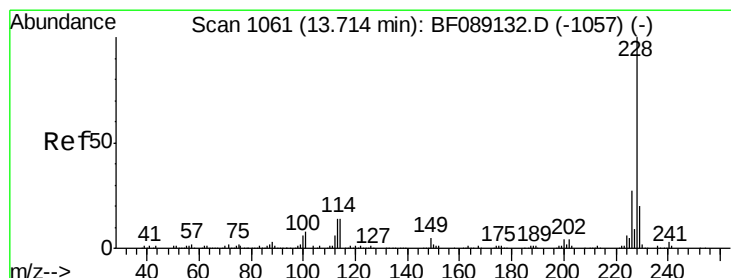
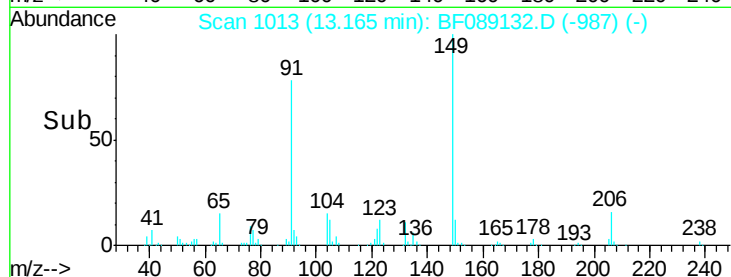
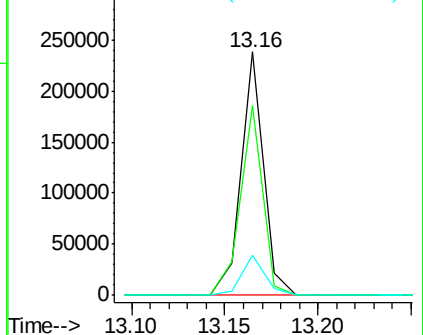
206 16.5 13.2 19.8



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: 38.66 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

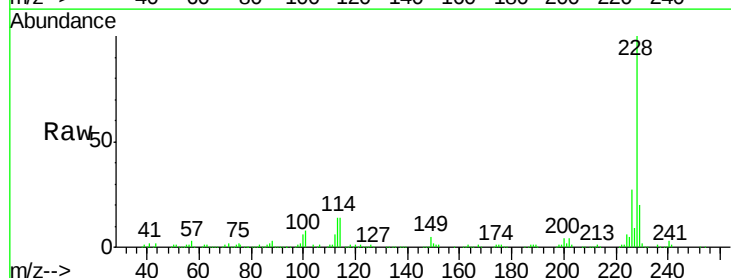
Tgt Ion:228 Resp: 350649

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

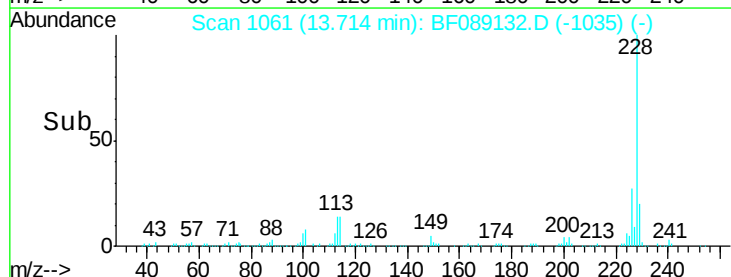
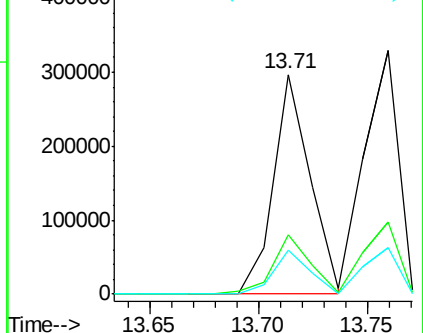
229 19.8 15.8 23.8

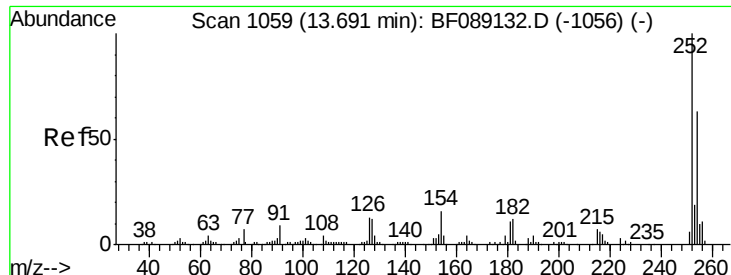


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

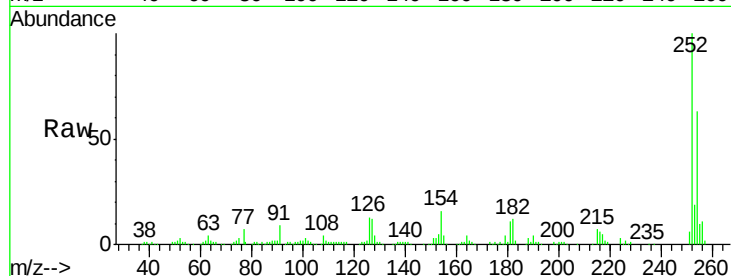




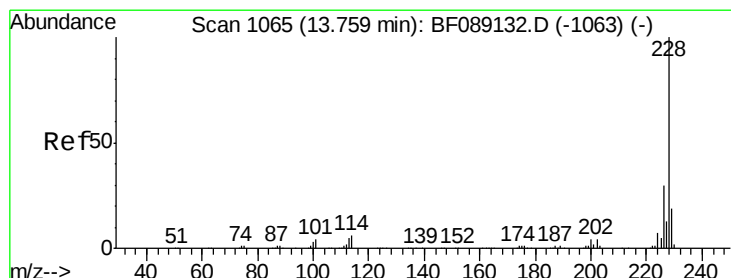
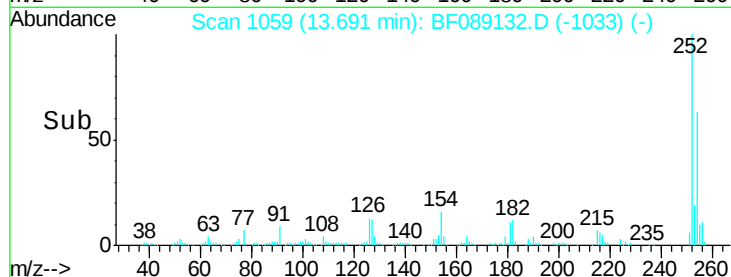
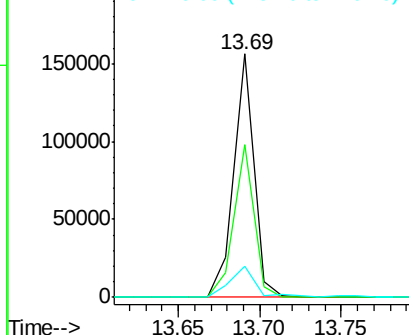
#81
 3,3'-Dichlorobenzidine
 Concen: 38.63 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	12.7	10.2	15.2

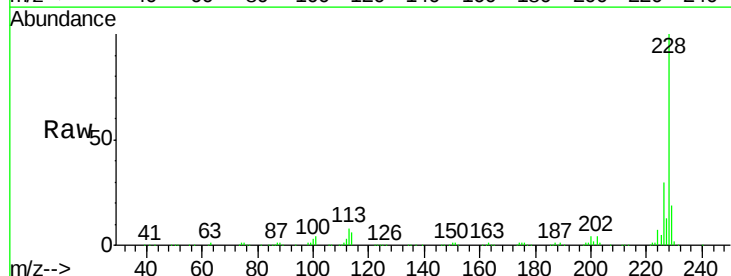


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

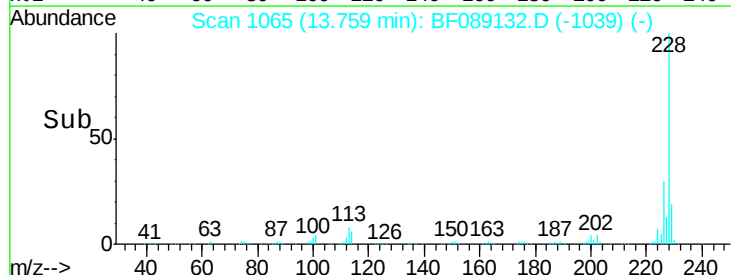
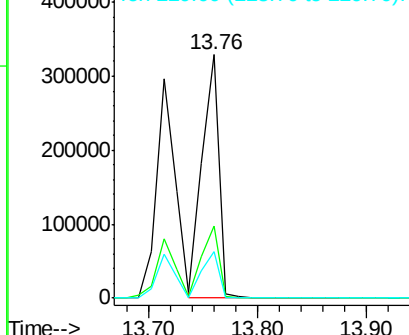


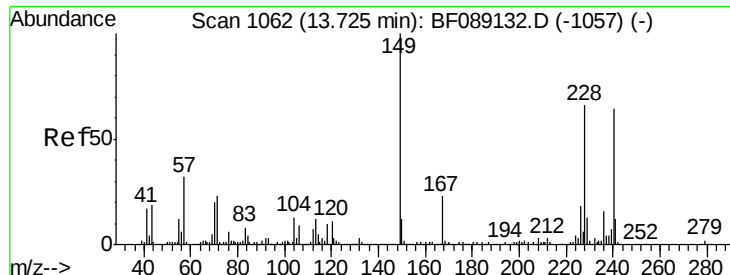
#82
 Chrysene
 Concen: 39.55 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.2	15.4	23.0



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

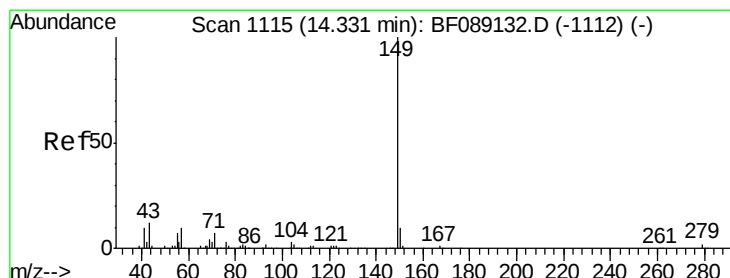
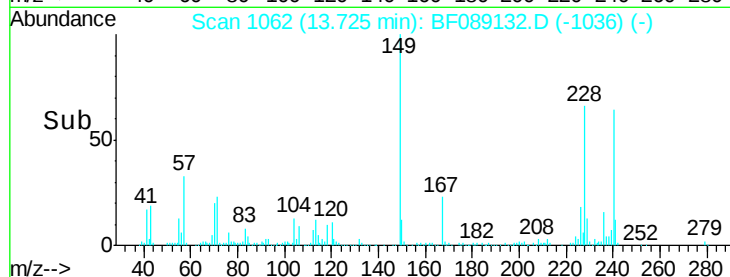
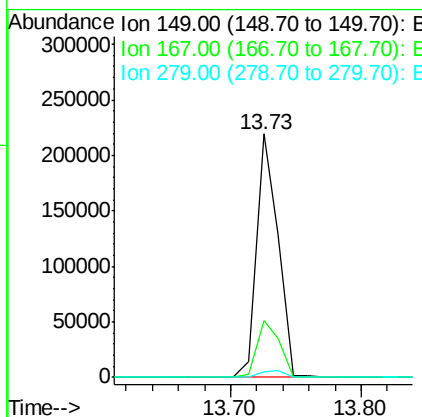
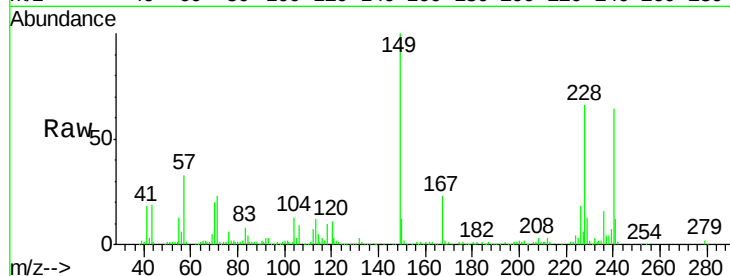




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.20 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

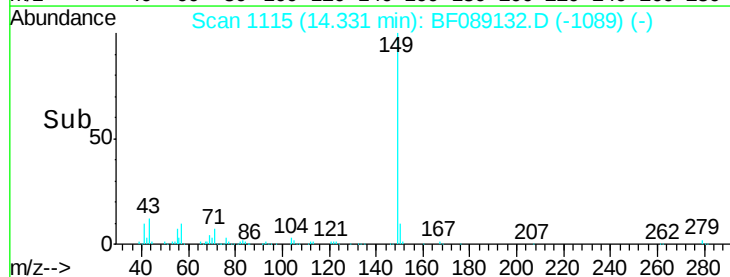
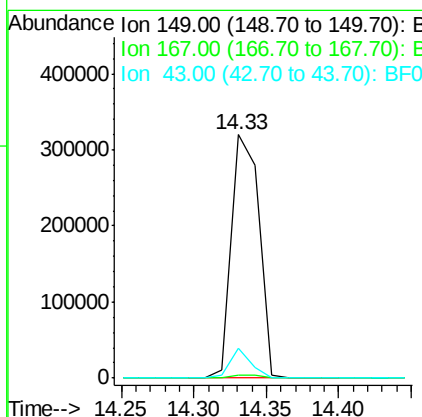
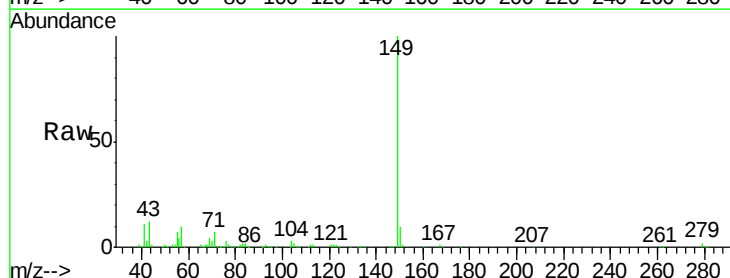
Instrument :
 BNA_F
 ClientSampled :

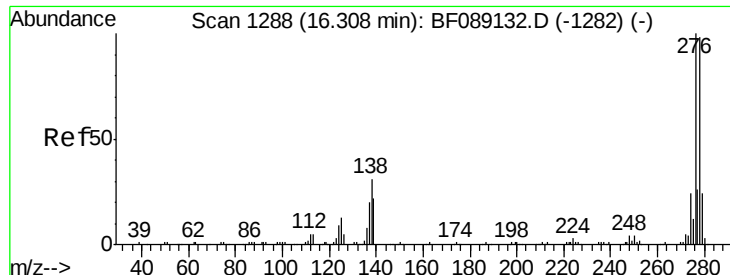
Tot Ion	Ratio	Lower	Upper
149	100		
167	23.3	18.6	28.0
279	2.0	1.6	2.4



#84
 Di-n-octyl phthalate
 Concen: 40.81 ng
 RT: 14.33 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.1	7.3	10.9

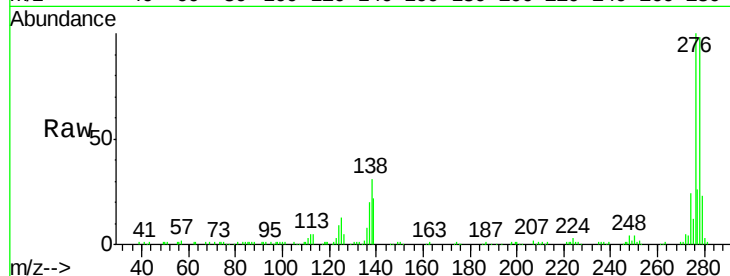




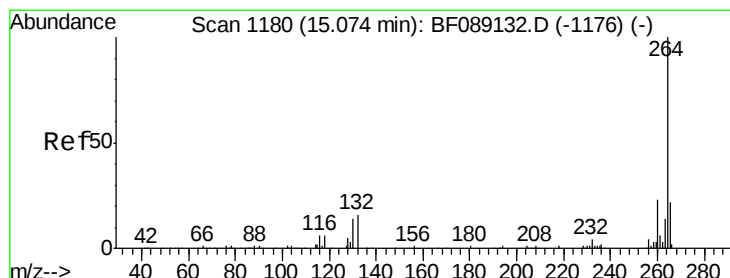
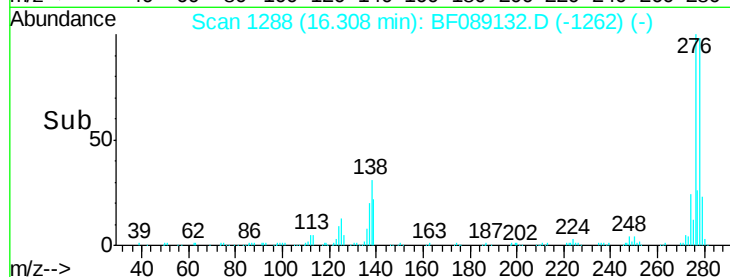
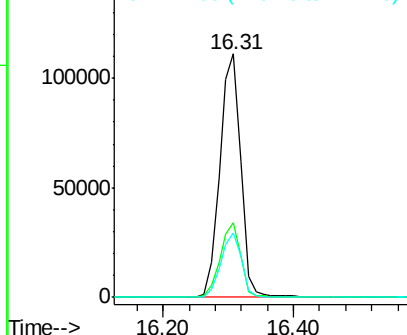
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.12 ng
 RT: 16.31 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.7	35.5
277	25.8	20.6	31.0

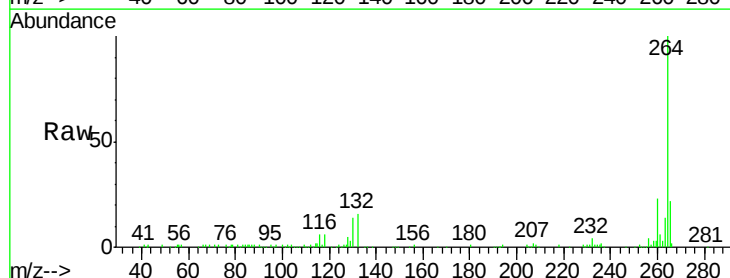


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

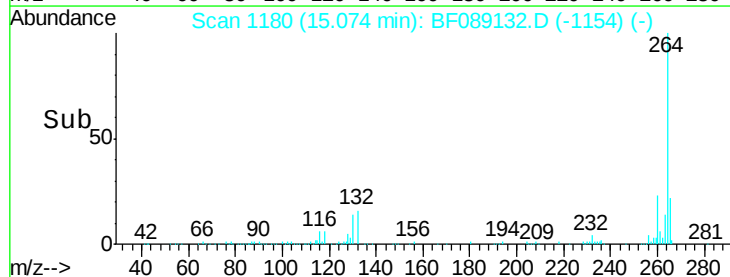
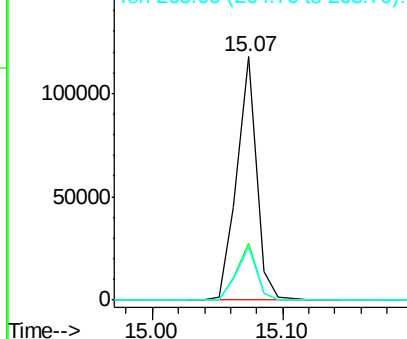


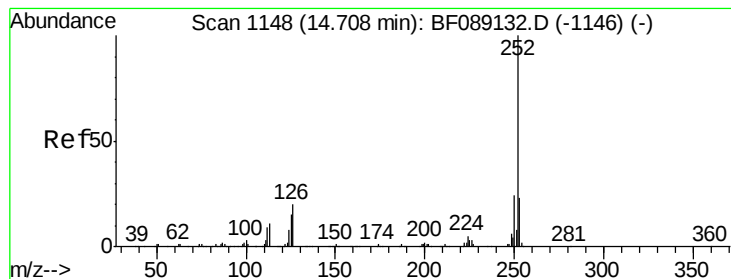
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.6	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 75.83 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.03 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

Instrument :

BNA_F

ClientSampleId :

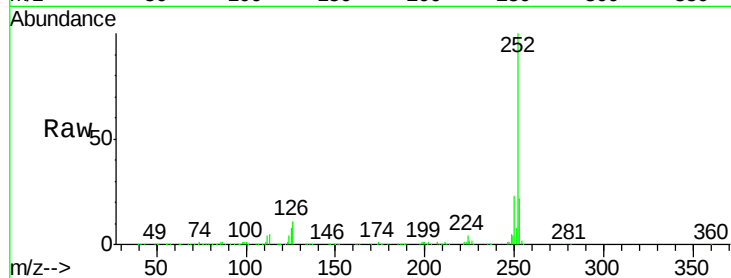
Tot Ion:252 Resp: 616939

Ion Ratio Lower Upper

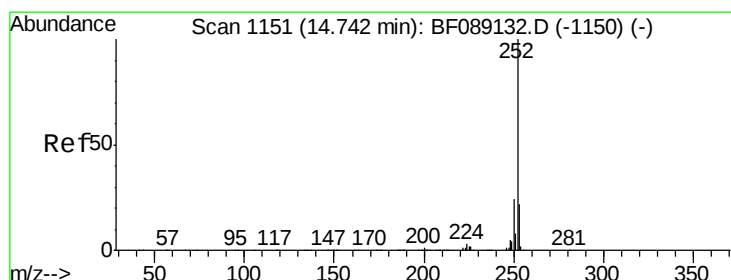
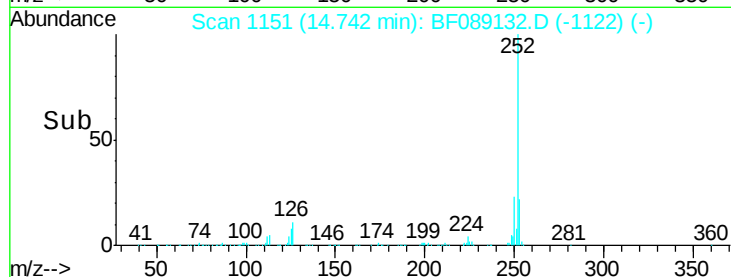
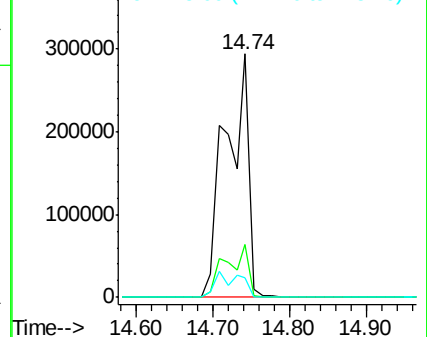
252 100

253 21.6 18.2 27.2

125 7.9 11.9 17.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 95.08 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF089132.D

Acq: 20 Jul 2016 13:33

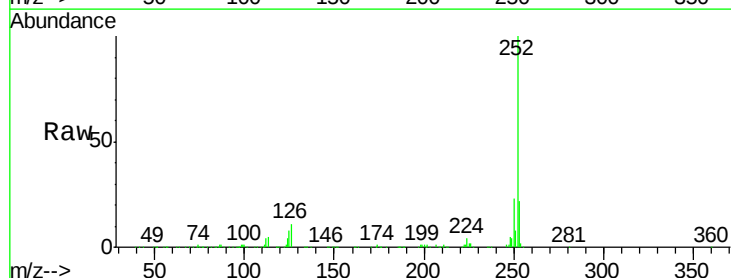
Tgt Ion:252 Resp: 616939

Ion Ratio Lower Upper

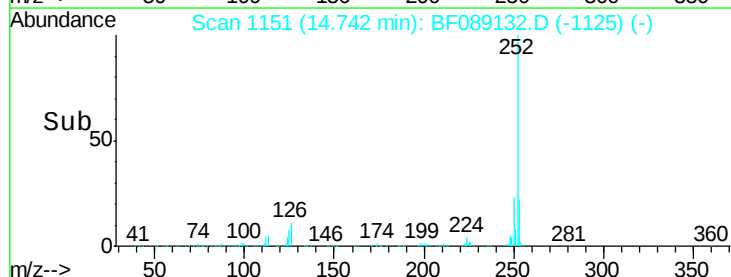
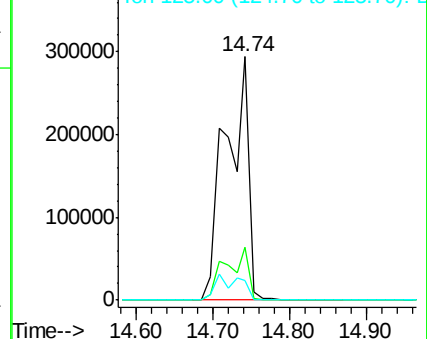
252 100

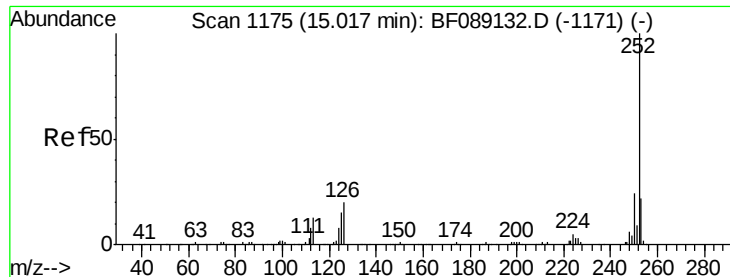
253 21.6 17.3 25.9

125 7.9 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

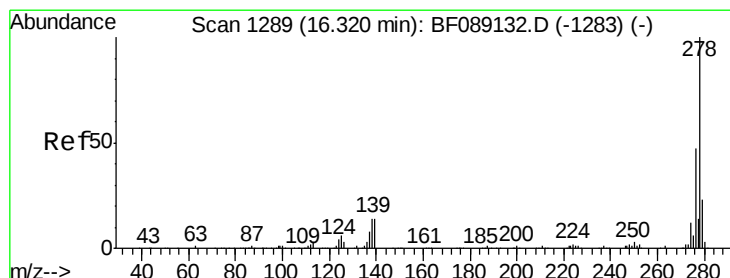
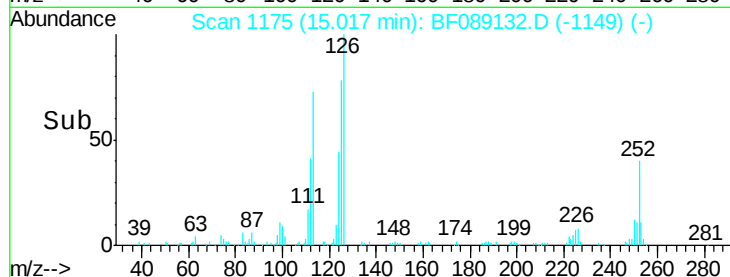
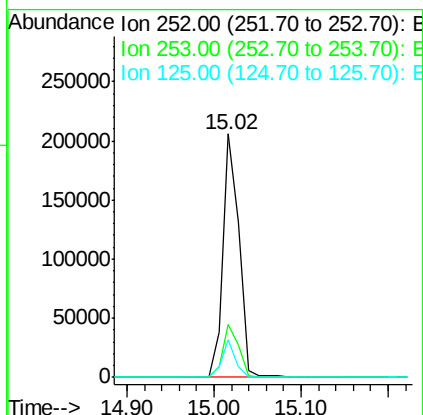
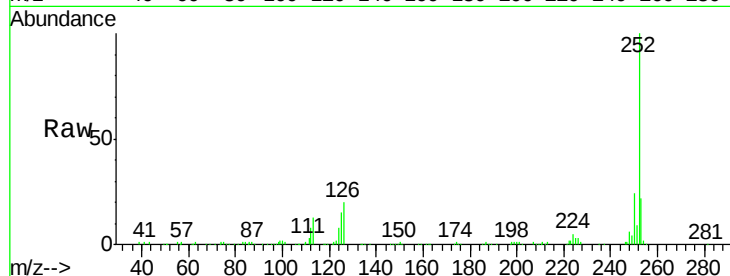




#89
Benzo(a)pyrene
Concen: 40.58 ng
RT: 15.02 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

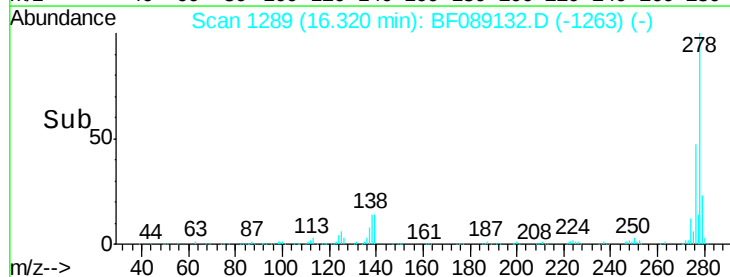
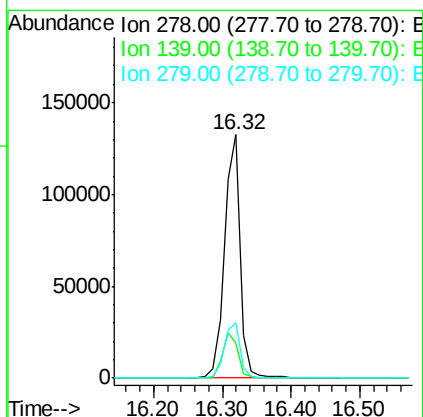
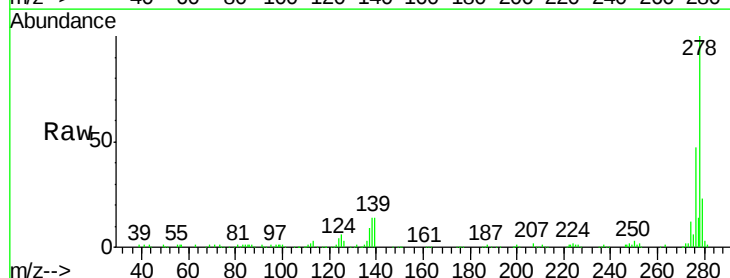
Instrument :
BNA_F
ClientSampled :

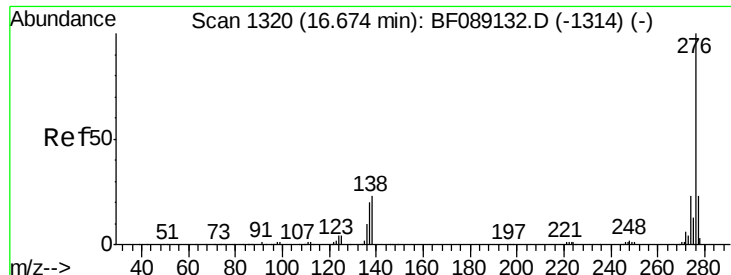
Tot Ion:252 Resp: 266581
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 15.5 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 38.98 ng
RT: 16.32 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF089132.D
Acq: 20 Jul 2016 13:33

Tgt Ion:278 Resp: 213281
Ion Ratio Lower Upper
278 100
139 14.3 11.4 17.2
279 23.0 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 37.88 ng
 RT: 16.67 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF089132.D
 Acq: 20 Jul 2016 13:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	23.1	18.5	27.7

