

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
 Data File : BF089135.D
 Acq On : 20 Jul 2016 15:01
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 15:37:05 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	50111	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	211197	20.00	ng	0.01
38) Acenaphthene-d10	9.63	164	97611	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	187610	20.00	ng	0.00
75) Chrysene-d12	13.74	240	118312	20.00	ng	0.01
86) Perylene-d12	15.07	264	104241	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	527331	158.40	ng	0.01
7) Phenol-d6	6.28	99	638594	147.93	ng	0.01
23) Nitrobenzene-d5	7.19	82	588423	145.99	ng	0.01
41) 2,4,6-Tribromophenol	10.43	330	146435	164.30	ng	0.01
44) 2-Fluorobiphenyl	8.97	172	1014270	156.44	ng	0.00
78) Terphenyl-d14	12.70	244	868502	164.80	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	110707	67.89	ng	95
3) Pyridine	2.68	79	296986	63.57	ng	97
4) n-Nitrosodimethylamine	2.66	42	131010	72.63	ng	99
6) Aniline	6.27	93	434979	70.39	ng	94
8) 2-Chlorophenol	6.40	128	282510	78.13	ng	90
9) Benzaldehyde	6.15	77	134385	47.14	ng	95
10) Phenol	6.30	94	376820	76.53	ng	98
11) bis(2-Chloroethyl)ether	6.35	93	282916	76.24	ng	92
12) 1,3-Dichlorobenzene	6.78	146	252939	63.66	ng	99
13) 1,4-Dichlorobenzene	6.63	146	325329	82.54	ng	93
14) 1,2-Dichlorobenzene	6.78	146	263465	70.15	ng	95
15) Benzyl Alcohol	6.78	79	240460	75.91	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.90	45	313978	60.86	ng	79
17) 2-Methylphenol	6.89	107	221588	75.91	ng	95
18) Hexachloroethane	7.12	117	125449	82.94	ng	# 80
19) n-Nitroso-di-n-propylamine	7.05	70	211575	71.73	ng	95
20) 3+4-Methylphenols	7.06	107	297830	82.46	ng	99
22) Acetophenone	7.04	105	443906	84.98	ng	# 98
24) Nitrobenzene	7.21	77	333167	80.73	ng	97
25) Isophorone	7.45	82	571439	76.49	ng	100
26) 2-Nitrophenol	7.52	139	162777	95.06	ng	# 84
27) 2,4-Dimethylphenol	7.58	122	257578	75.56	ng	96
28) bis(2-Chloroethoxy)methane	7.67	93	360587	73.37	ng	97
29) 2,4-Dichlorophenol	7.77	162	235568	82.75	ng	95
30) 1,2,4-Trichlorobenzene	7.84	180	255751	82.30	ng	97
31) Naphthalene	7.92	128	914071	87.56	ng	100
32) Benzoic acid	7.77	122	208855	82.21	ng	96
33) 4-Chloroaniline	7.98	127	356516	76.57	ng	# 92
34) Hexachlorobutadiene	8.03	225	132365	78.99	ng	99
35) Caprolactam	8.39	113	68489	72.63	ng	99
36) 4-Chloro-3-methylphenol	8.48	107	264245	78.98	ng	99
37) 2-Methylnaphthalene	8.60	142	531673	76.99	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	300576	92.56	ng	98
40) Hexachlorocyclopentadiene	8.75	237	99976	66.07	ng	97

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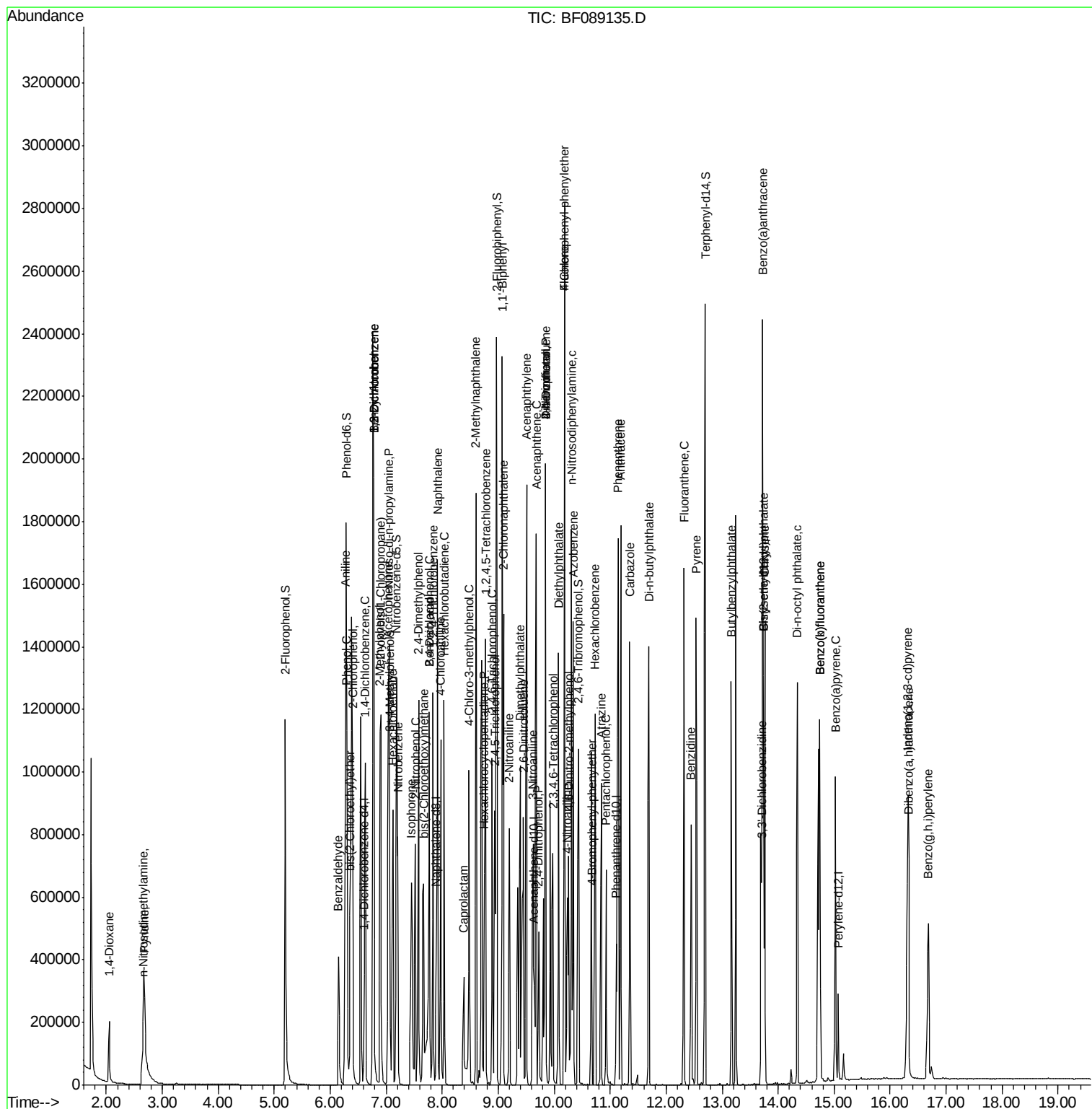
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	156679	72.62	nq	96
43) 2,4,5-Trichlorophenol	8.94	196	158621	84.95	nq	# 84
45) 1,1'-Biphenyl	9.07	154	680625	84.60	nq	98
46) 2-Chloronaphthalene	9.10	162	545550	86.35	nq	97
47) 2-Nitroaniline	9.20	65	172013	78.09	nq	93
48) Acenaphthylene	9.51	152	861555	85.57	nq	99
49) Dimethylphthalate	9.39	163	620812	86.89	nq	99
50) 2,6-Dinitrotoluene	9.45	165	145730	91.51	nq	98
51) Acenaphthene	9.68	154	514378	83.02	nq	99
52) 3-Nitroaniline	9.62	138	172987	88.84	nq	96
53) 2,4-Dinitrophenol	9.72	184	71333	102.75	nq	89
54) Dibenzofuran	9.85	168	670409	82.56	nq	93
55) 4-Nitrophenol	9.85	139	376505	261.09	nq	# 8
56) 2,4-Dinitrotoluene	9.85	165	161400	78.69	nq	96
57) Fluorene	10.18	166	506816	78.26	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	125283	87.42	nq	94
59) Diethylphthalate	10.08	149	552984	79.04	nq	98
60) 4-Chlorophenyl-phenylether	10.18	204	236067	79.63	nq	# 78
61) 4-Nitroaniline	10.24	138	150031	78.56	nq	99
62) Azobenzene	10.34	77	631376	79.52	nq	94
64) 4,6-Dinitro-2-methylphenol	10.26	198	98880	97.77	nq	74
65) n-Nitrosodiphenylamine	10.31	169	460792	73.84	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	151581	80.24	nq	# 73
67) Hexachlorobenzene	10.73	284	149011	72.32	nq	# 71
68) Atrazine	10.84	200	155064	79.04	nq	99
69) Pentachlorophenol	10.92	266	78410	65.99	nq	99
70) Phenanthrene	11.14	178	856222	83.76	nq	100
71) Anthracene	11.19	178	722016	70.30	nq	99
72) Carbazole	11.35	167	672671	68.89	nq	99
73) Di-n-butylphthalate	11.69	149	963348	86.33	nq	99
74) Fluoranthene	12.32	202	892415	87.18	nq	94
76) Benzidine	12.44	184	306415	53.94	nq	96
77) Pyrene	12.54	202	849906	85.52	nq	99
79) Butylbenzylphthalate	13.16	149	340864	76.93	nq	93
80) Benzo(a)anthracene	13.73	228	615413	81.28	nq	100
81) 3,3'-Dichlorobenzidine	13.70	252	199111	69.48	nq	# 94
82) Chrysene	13.76	228	518854	68.82	nq	98
83) Bis(2-ethylhexyl)phthalate	13.74	149	471837	92.74	nq	# 93
84) Di-n-octyl phthalate	14.34	149	752418	87.09	nq	100
85) Indeno(1,2,3-cd)pyrene	16.32	276	455509	79.20	nq	100
87) Benzo(b)fluoranthene	14.74	252	939733	136.80	nq	99
88) Benzo(k)fluoranthene	14.74	252	939733	171.53	nq	# 94
89) Benzo(a)pyrene	15.03	252	453087	81.68	nq	97
90) Dibenzo(a,h)anthracene	16.33	278	391864	84.82	nq	98
91) Benzo(g,h,i)perylene	16.69	276	395330	83.07	nq	99

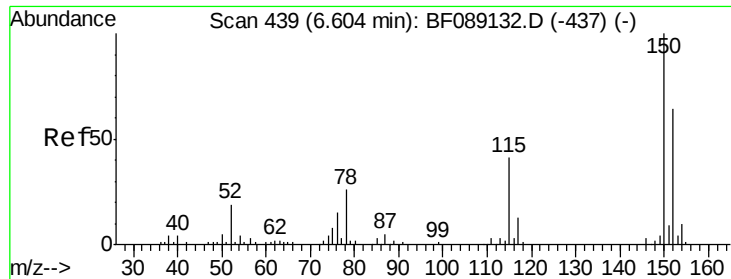
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampleId :

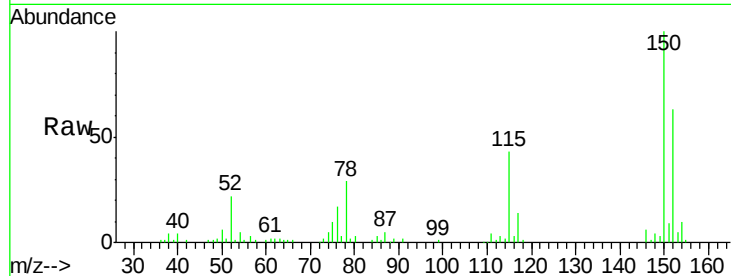
Tot Ion:152 Resp: 50111

Ion Ratio Lower Upper

152 100

150 158.2 125.1 187.7

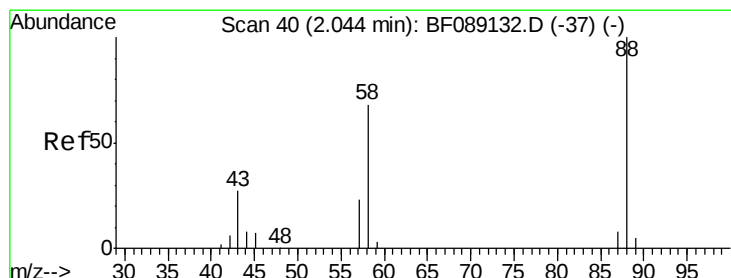
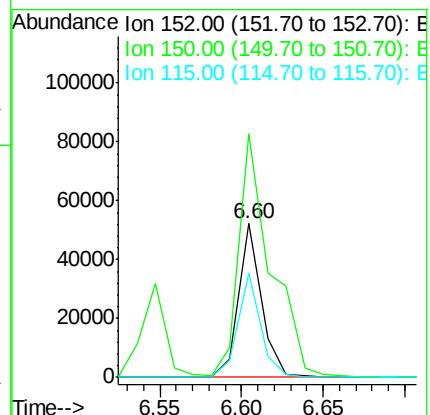
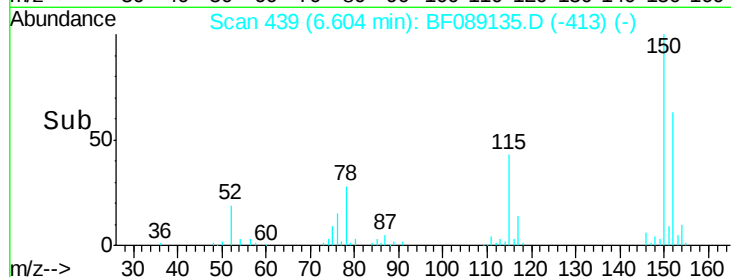
115 67.8 51.1 76.7



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: 67.89 ng

RT: 2.06 min Scan# 41

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

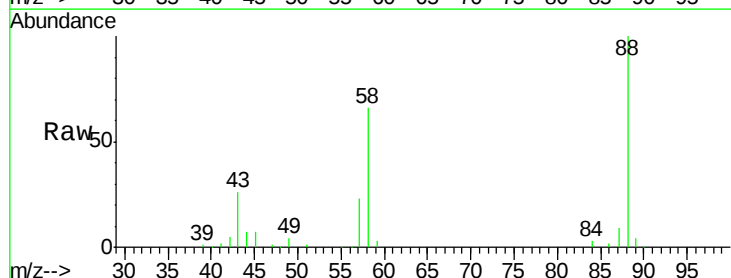
Tgt Ion: 88 Resp: 110707

Ion Ratio Lower Upper

88 100

58 66.5 49.2 73.8

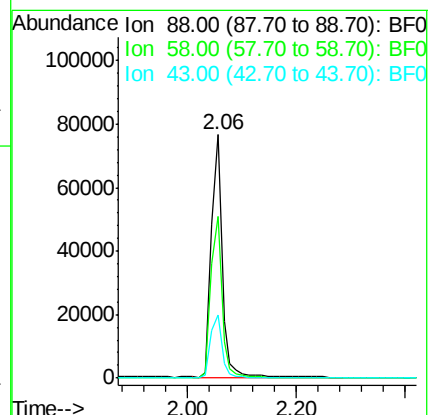
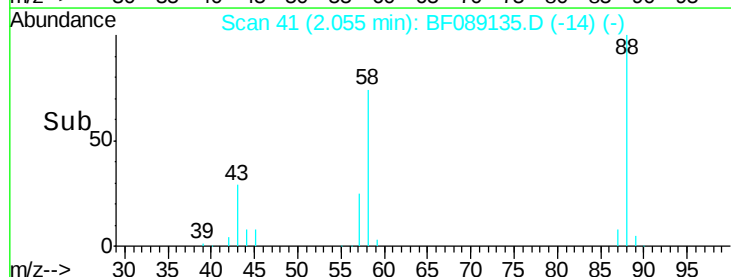
43 26.8 20.6 30.8

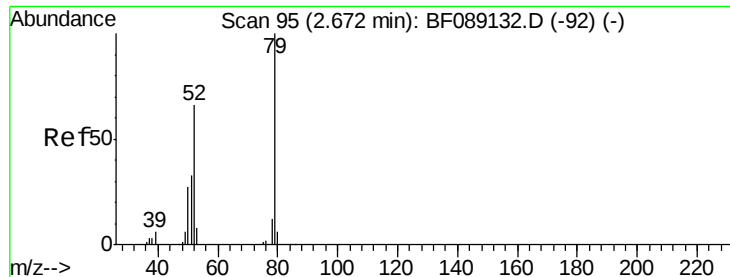


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 63.57 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampleId :

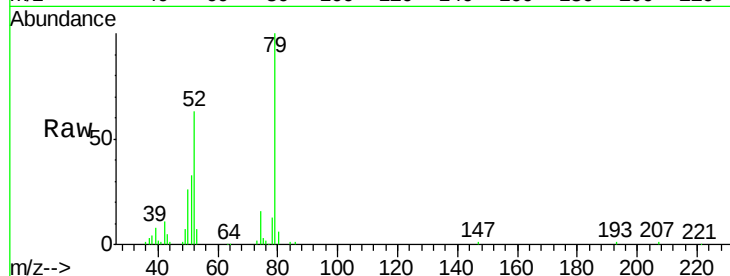
Tot Ion: 79 Resp: 296986

Ion Ratio Lower Upper

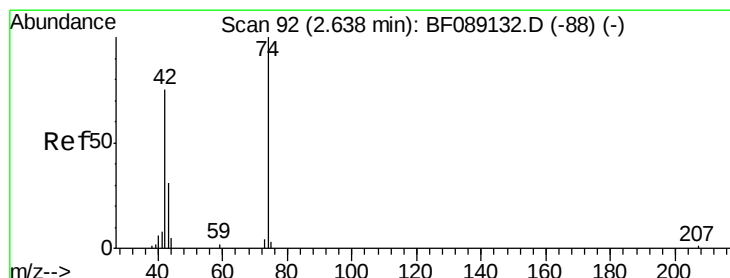
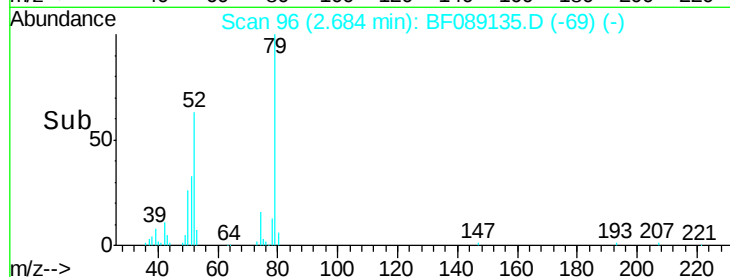
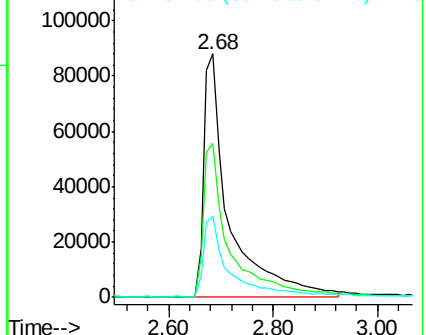
79 100

52 63.5 52.9 79.3

51 33.1 27.0 40.6



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 72.63 ng

RT: 2.66 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

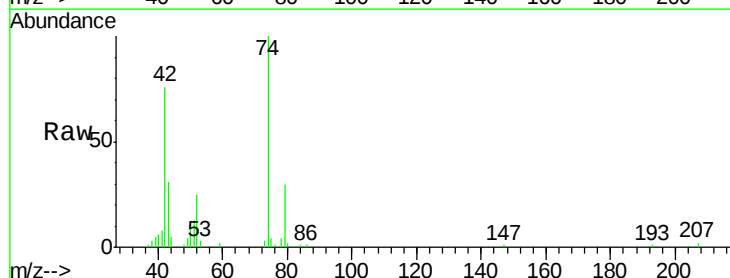
Tgt Ion: 42 Resp: 131010

Ion Ratio Lower Upper

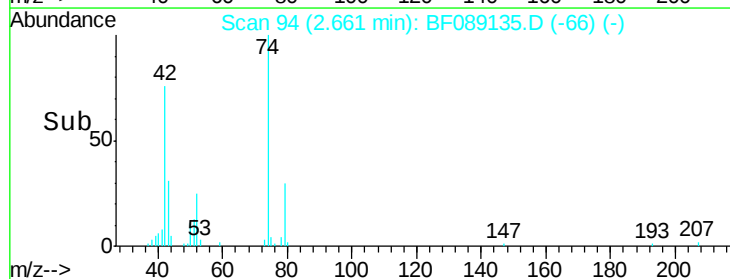
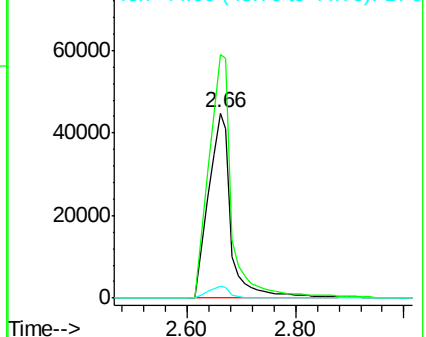
42 100

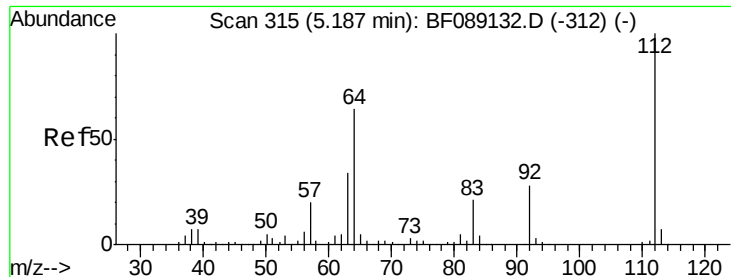
74 131.4 106.4 159.6

44 6.7 5.2 7.8



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0

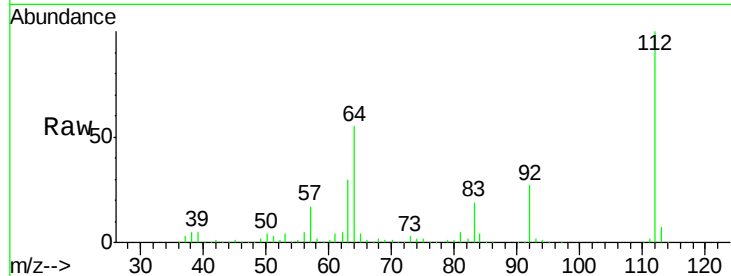




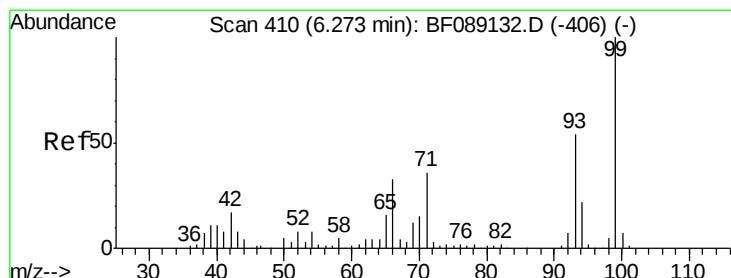
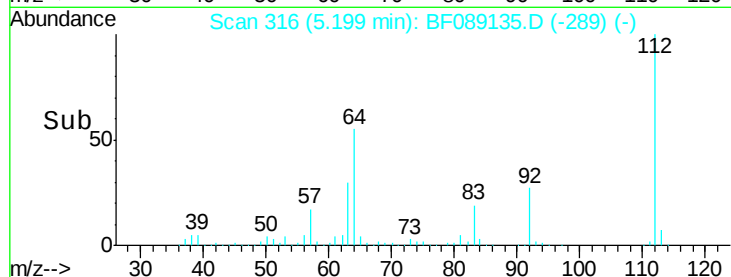
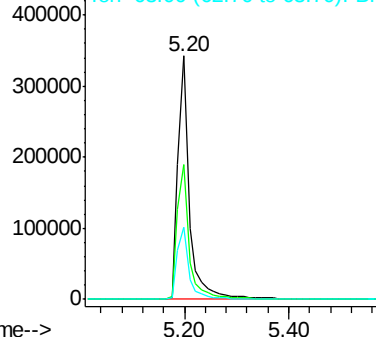
#5
2-Fluorophenol
Concen: 158.40 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 112 Resp: 527331
Ion Ratio Lower Upper
112 100
64 55.2 51.0 76.4
63 29.8 27.3 40.9

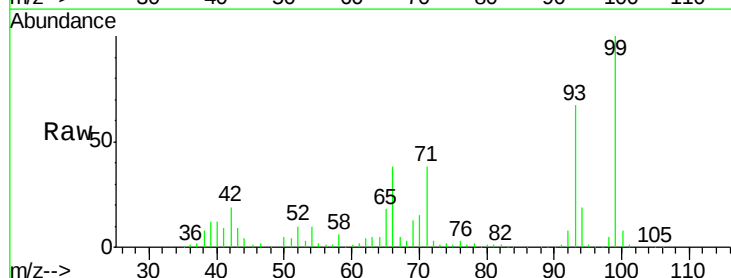


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

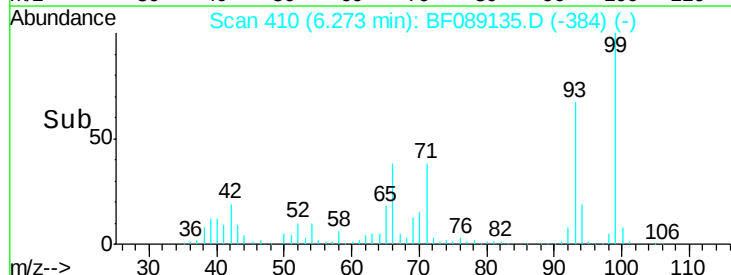
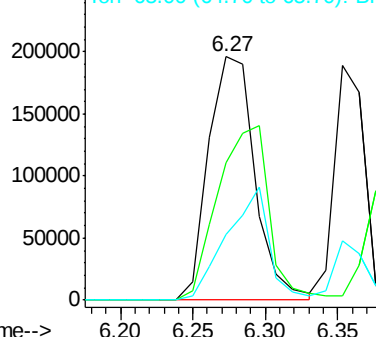


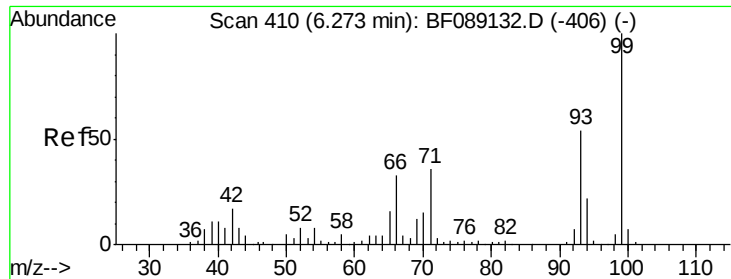
#6
Aniline
Concen: 70.39 ng
RT: 6.27 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion: 93 Resp: 434979
Ion Ratio Lower Upper
93 100
66 56.5 48.9 73.3
65 26.8 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: 147.93 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampled :

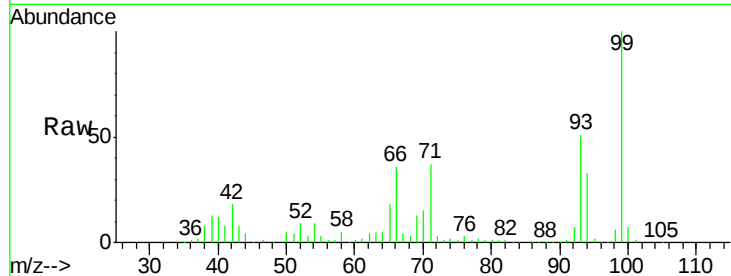
Tot Ion: 99 Resp: 638594

Ion Ratio Lower Upper

99 100

42 18.3 13.5 20.3

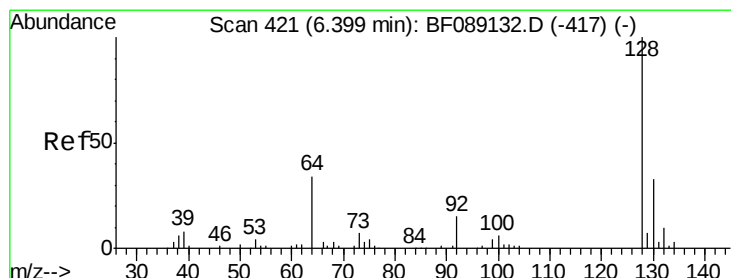
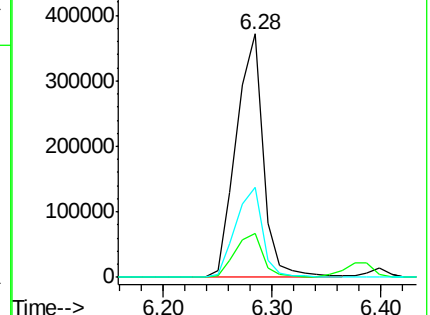
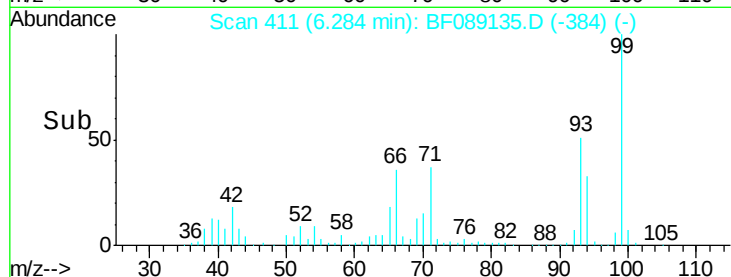
71 36.8 28.9 43.3



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: 78.13 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

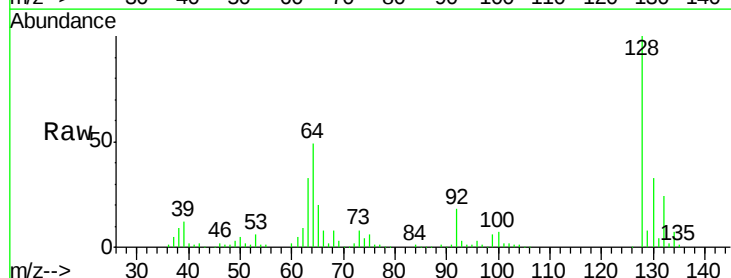
Tgt Ion: 128 Resp: 282510

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

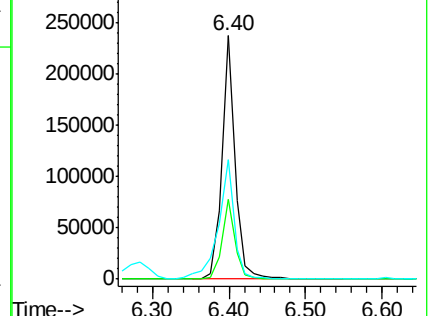
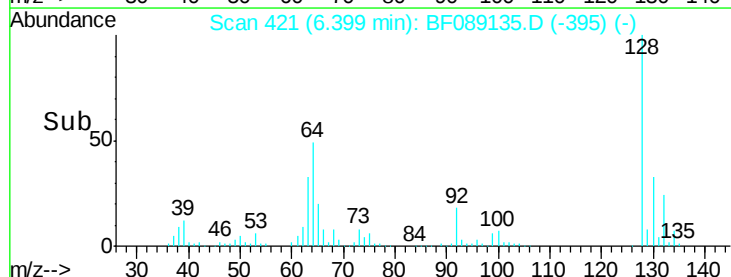
64 49.0 17.5 57.5

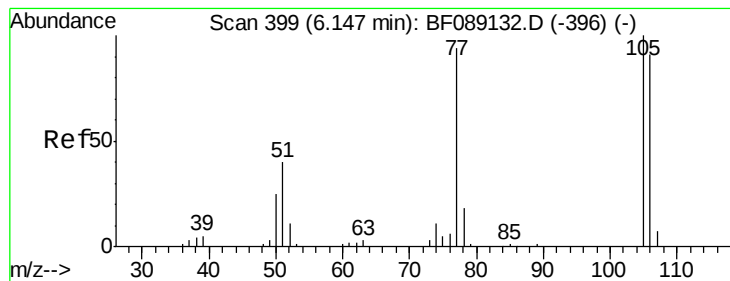


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 47.14 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampled :

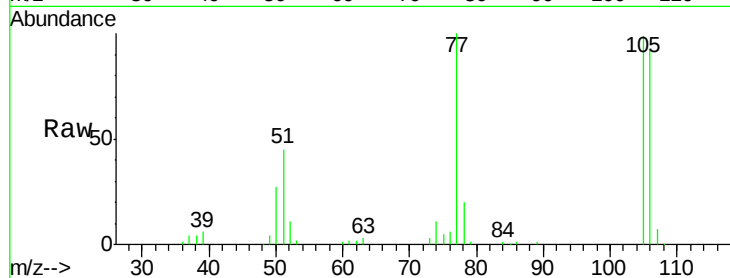
Tot Ion: 77 Resp: 134385

Ion Ratio Lower Upper

77 100

105 99.4 86.2 126.2

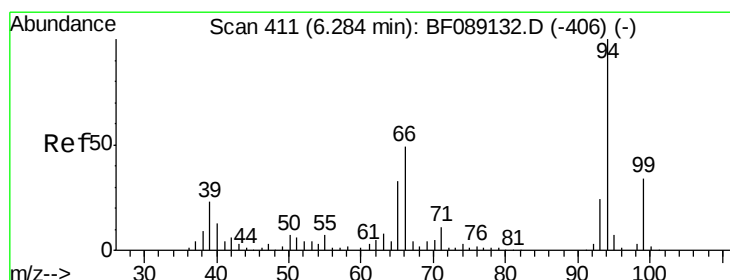
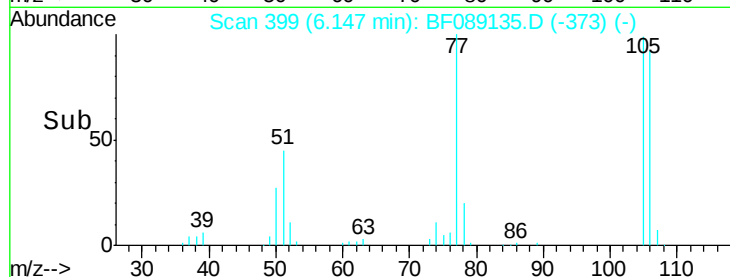
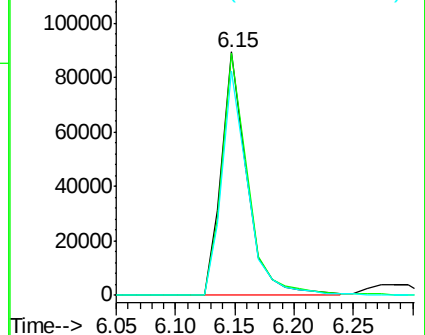
106 92.2 76.3 116.3



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: 76.53 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

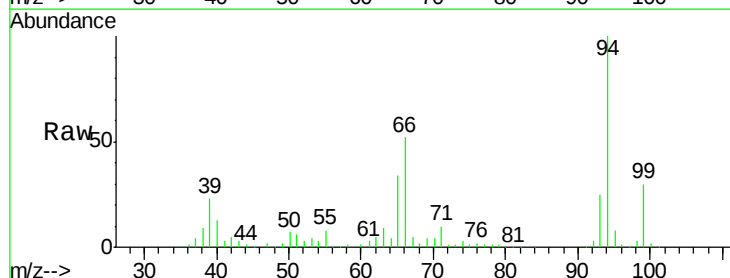
Tgt Ion: 94 Resp: 376820

Ion Ratio Lower Upper

94 100

65 33.5 13.3 53.3

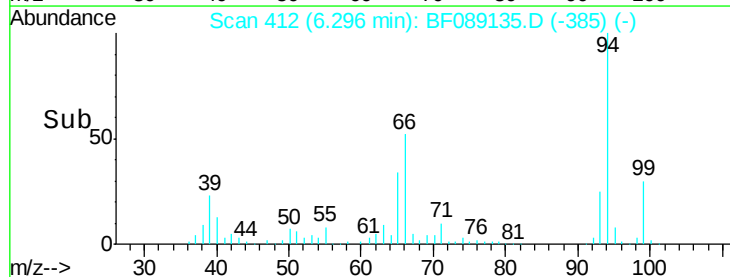
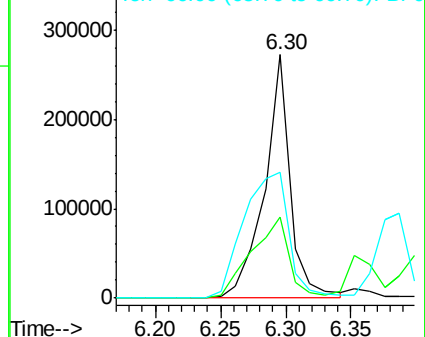
66 51.5 29.3 69.3

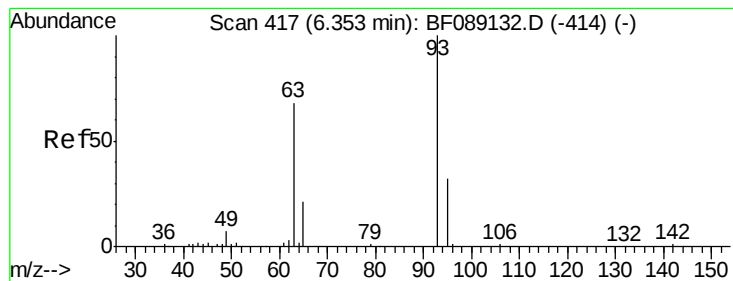


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

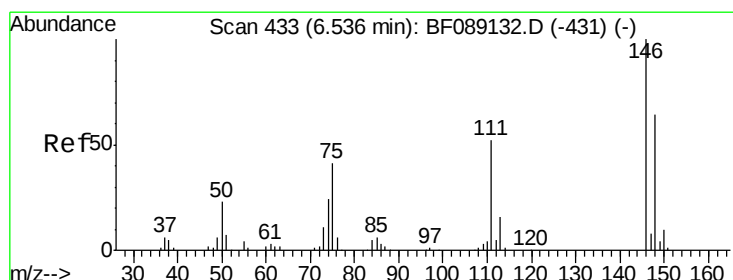
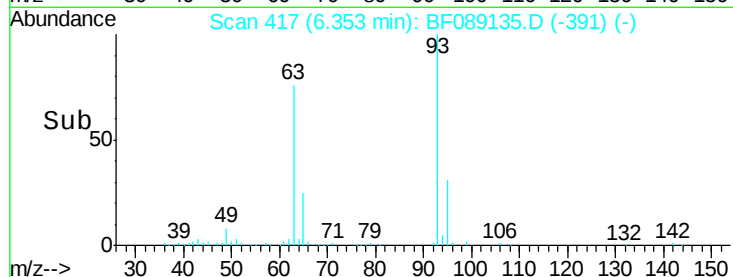
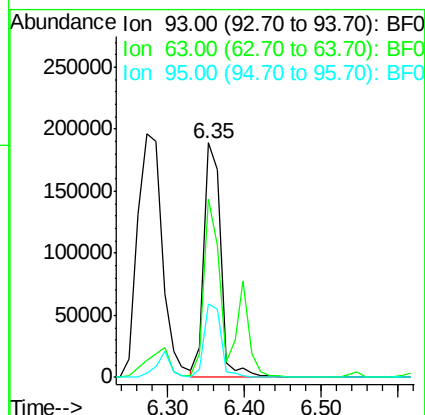
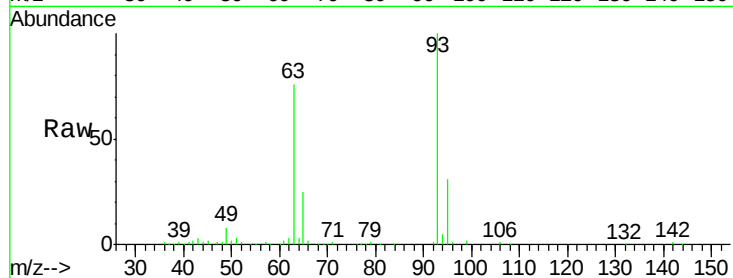




#11
 bis(2-Chloroethyl)ether
 Concen: 76.24 ng
 RT: 6.35 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

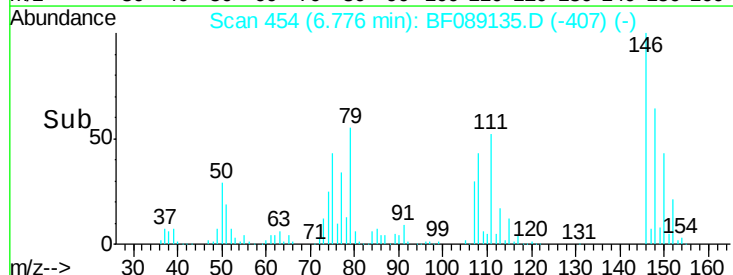
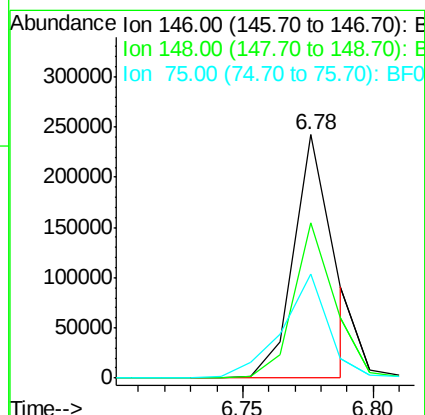
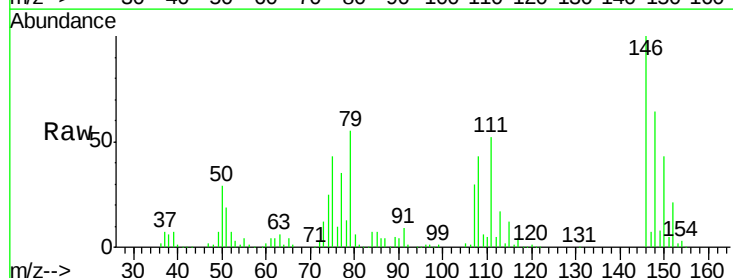
Instrument :
 BNA_F
 ClientSampleId :

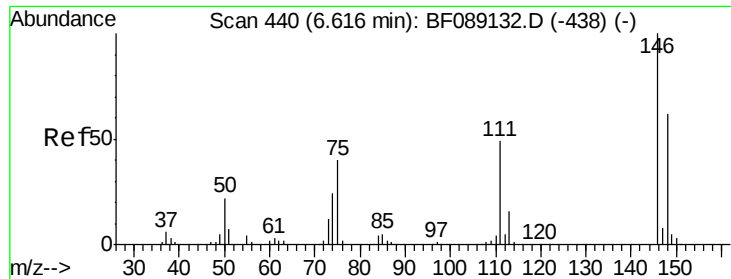
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.4	47.3	87.3
95	31.3	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 63.66 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.24 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
75	42.9	32.5	48.7

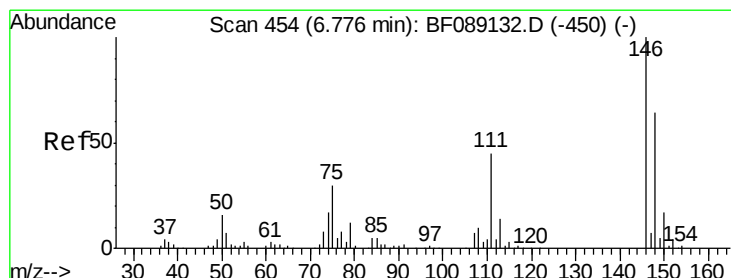
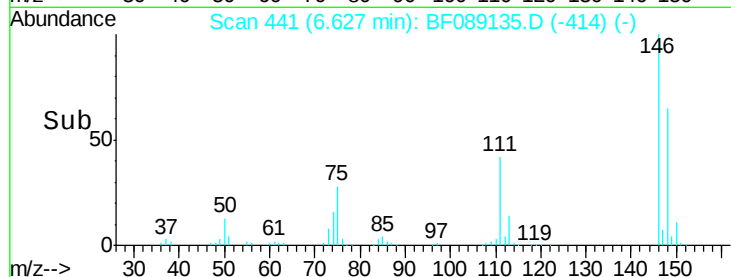
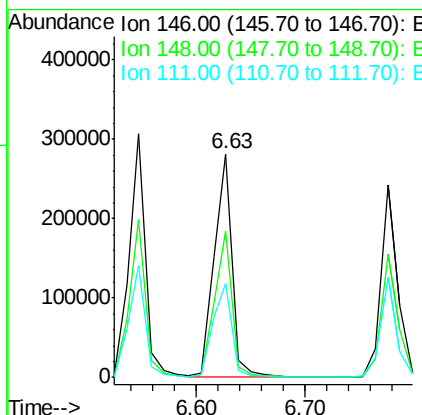
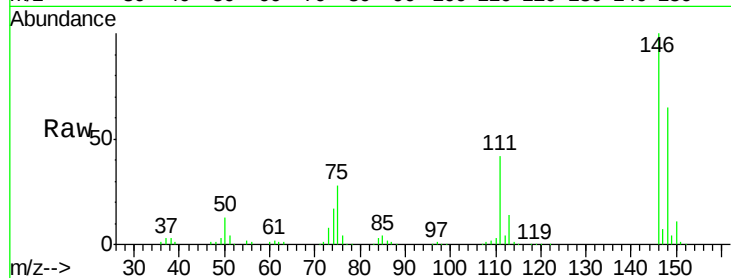




#13
 1,4-Dichlorobenzene
 Concen: 82.54 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.01 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

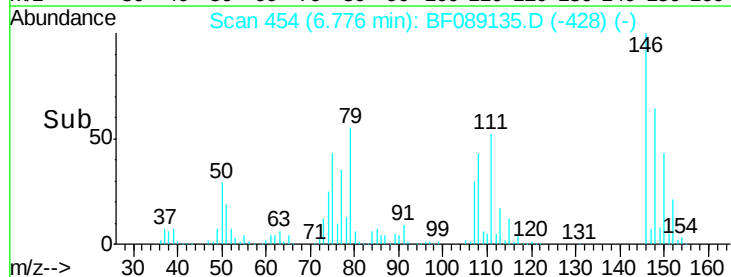
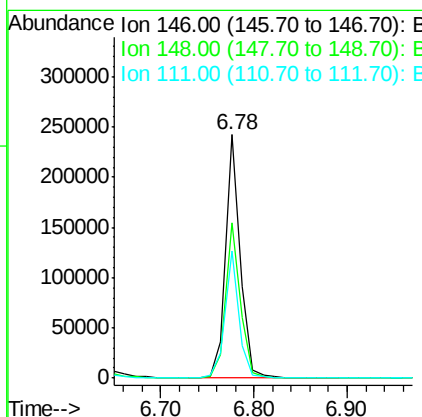
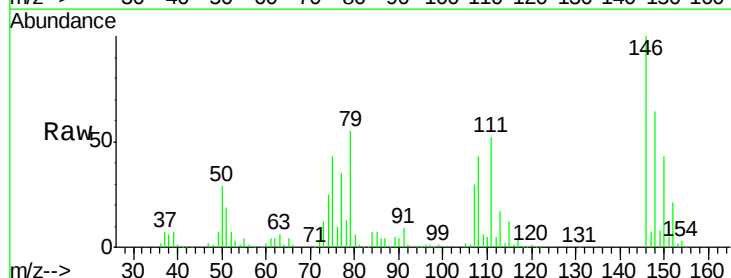
Instrument :
 BNA_F
 ClientSampled :

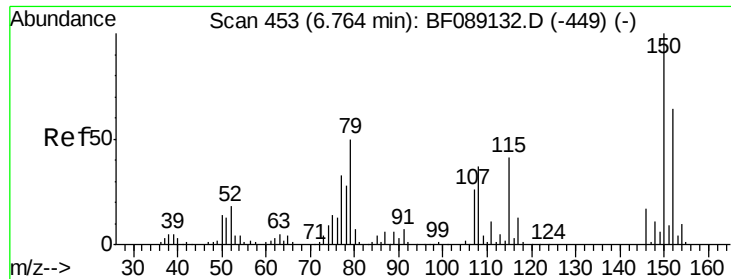
Tot Ion:146 Resp: 325329
 Ion Ratio Lower Upper
 146 100
 148 65.4 49.9 74.9
 111 41.9 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 70.15 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Tgt Ion:146 Resp: 263465
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.0
 111 52.1 35.9 53.9

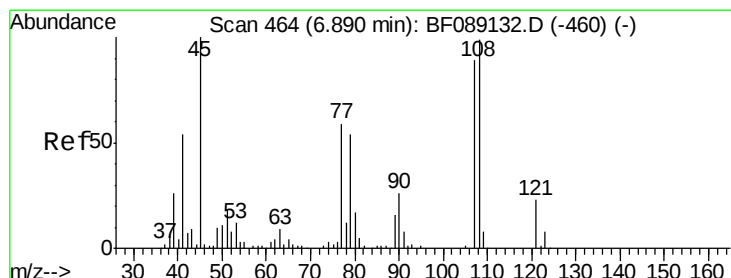
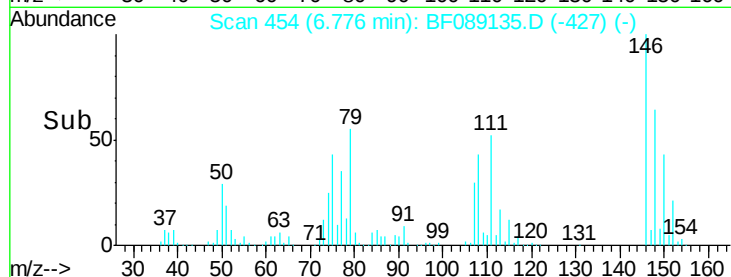
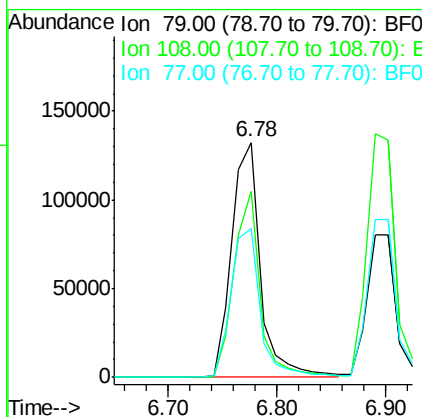
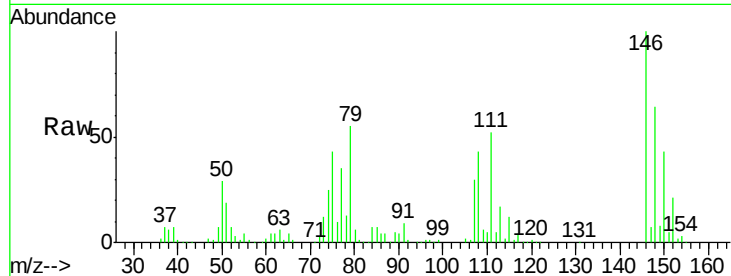




#15
Benzyl Alcohol
Concen: 75.91 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

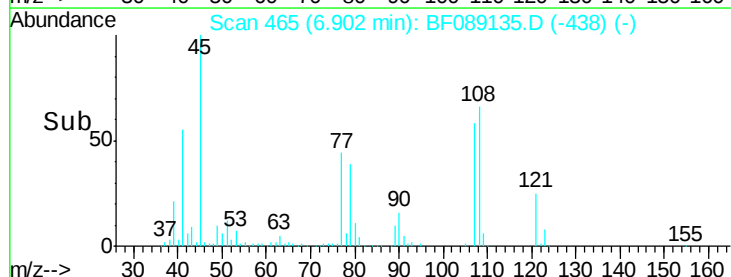
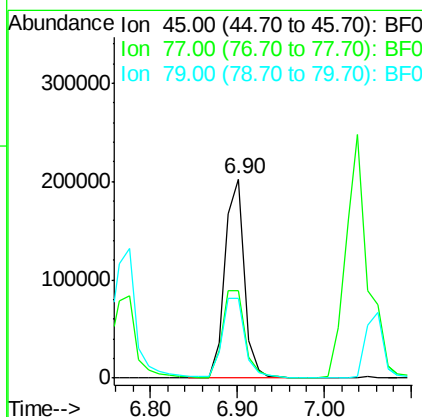
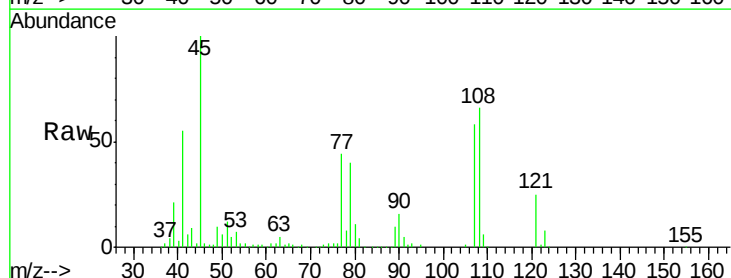
Instrument :
BNA_F
ClientSampleId :

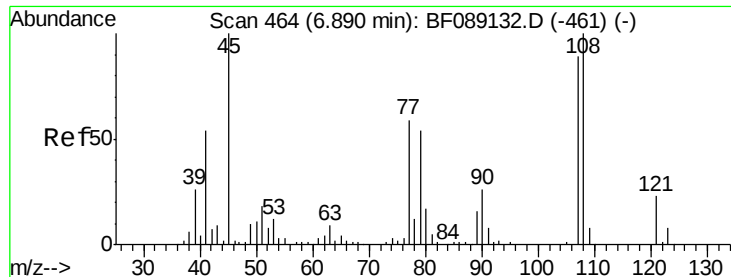
Tot Ion: 79 Resp: 240460
Ion Ratio Lower Upper
79 100
108 78.9 58.2 87.4
77 63.1 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.86 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion: 45 Resp: 313978
Ion Ratio Lower Upper
45 100
77 43.9 39.7 79.7
79 39.7 34.7 74.7

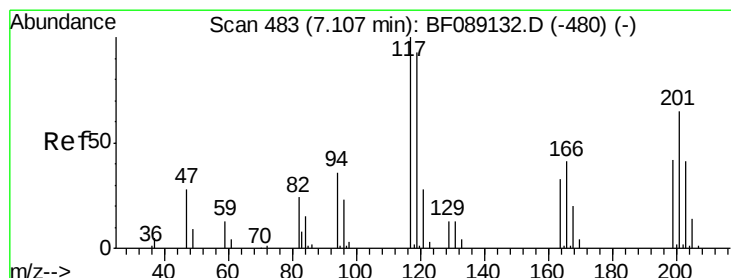
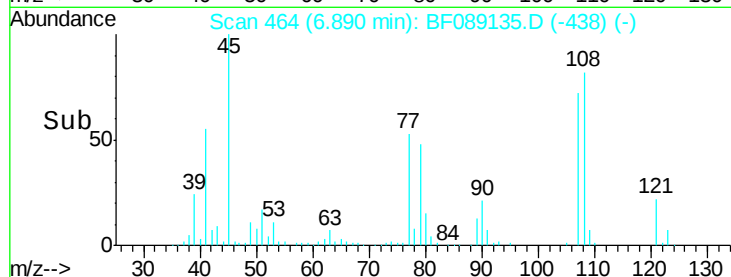
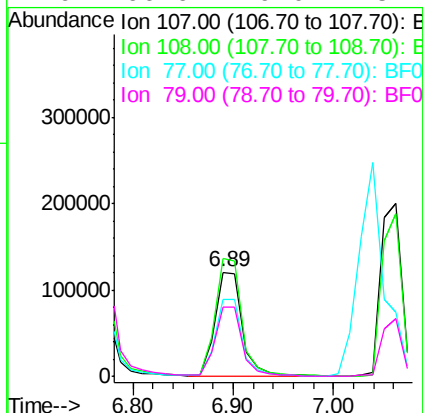
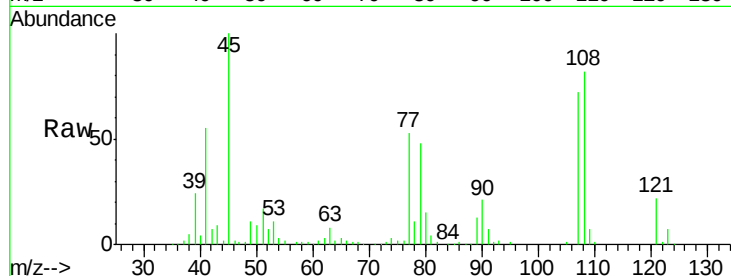




#17
2-Methylphenol
Concen: 75.91 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

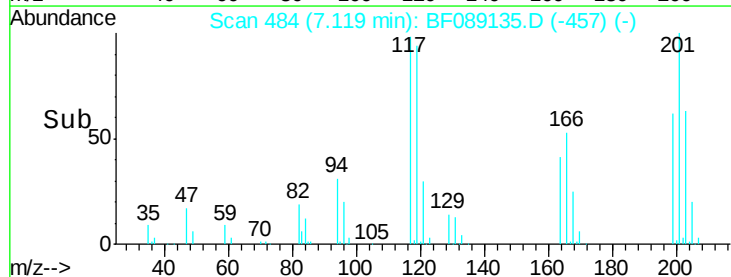
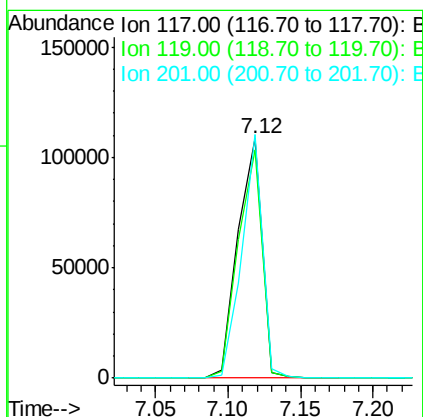
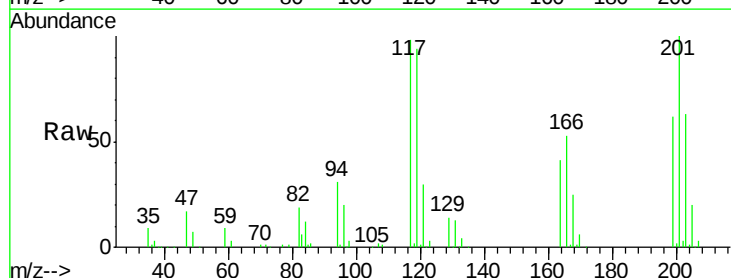
Instrument :
BNA_F
ClientSampleId :

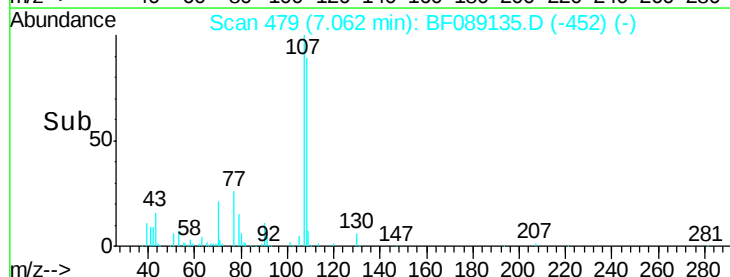
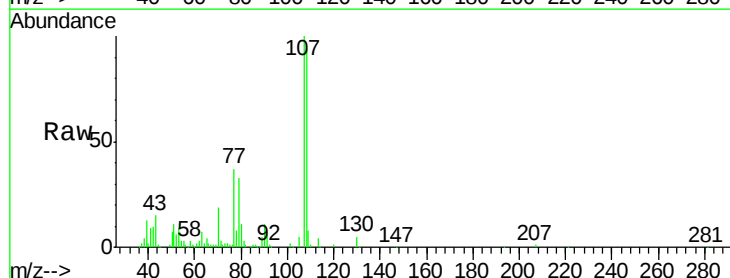
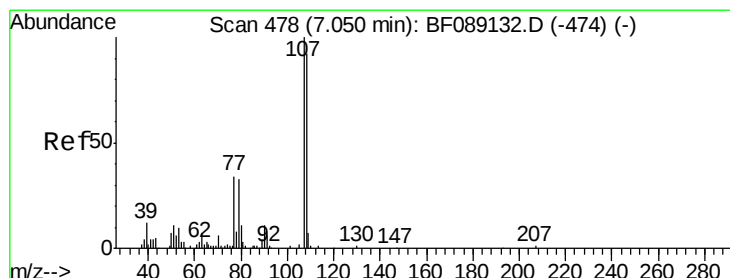
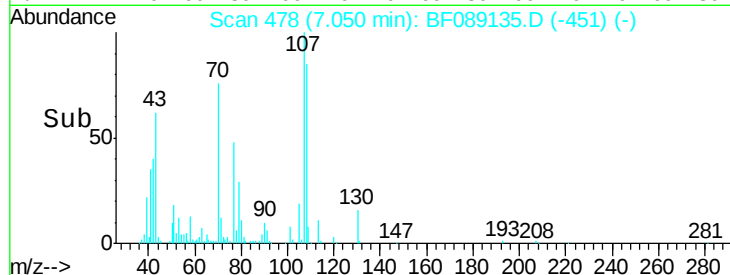
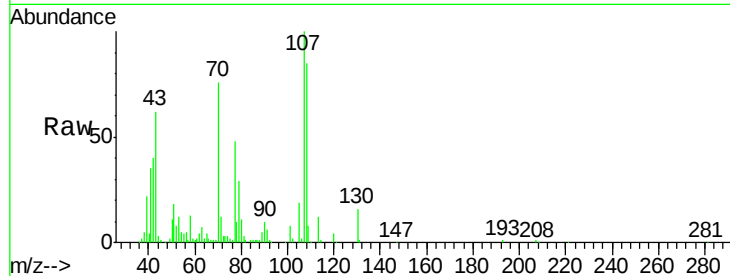
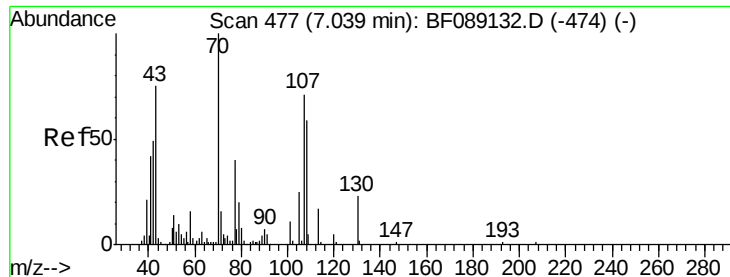
Tot Ion:107 Resp: 221588
Ion Ratio Lower Upper
107 100
108 113.5 89.4 134.2
77 73.8 53.4 80.0
79 66.6 49.0 73.4



#18
Hexachloroethane
Concen: 82.94 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion:117 Resp: 125449
Ion Ratio Lower Upper
117 100
119 95.2 74.5 111.7
201 101.6 51.8 77.6#

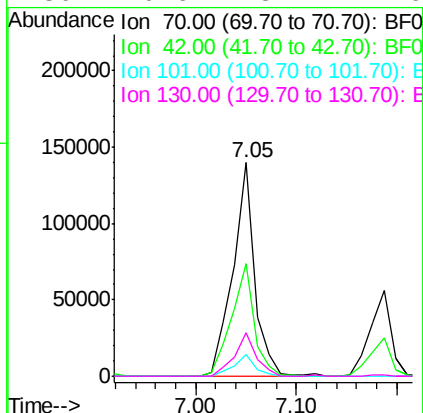




#19
n-Nitroso-di-n-propylamine
Concen: 71.73 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

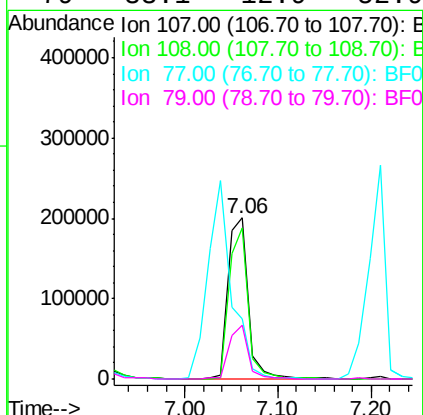
Instrument :
BNA_F
ClientSampleId :

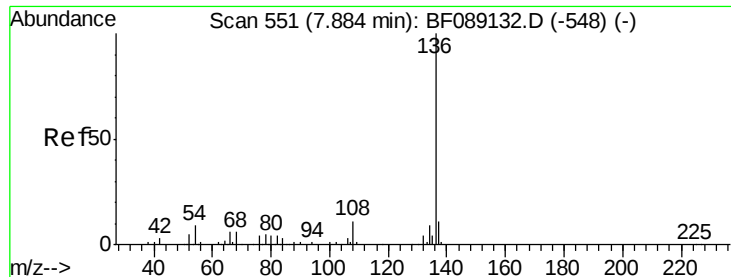
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.5	39.2	58.8	
101	9.9	8.5	12.7	
130	20.6	18.4	27.6	



#20
3+4-Methylphenols
Concen: 82.46 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.2	72.5	112.5	
77	37.2	17.7	57.7	
79	33.1	12.9	52.9	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 211197

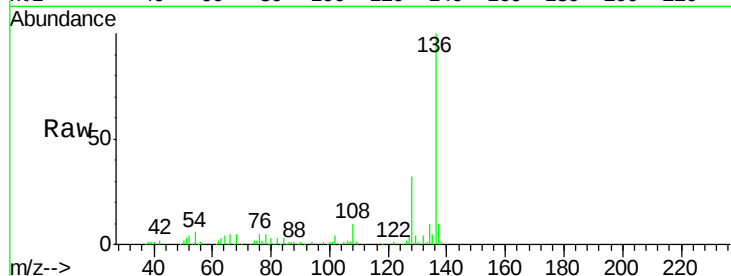
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 6.1 7.0 10.4#

68 4.7 5.0 7.6#

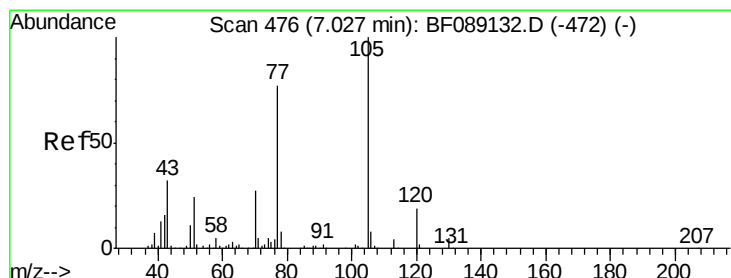
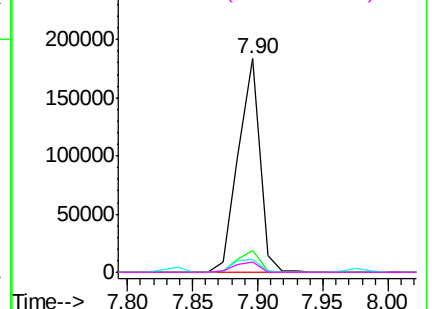
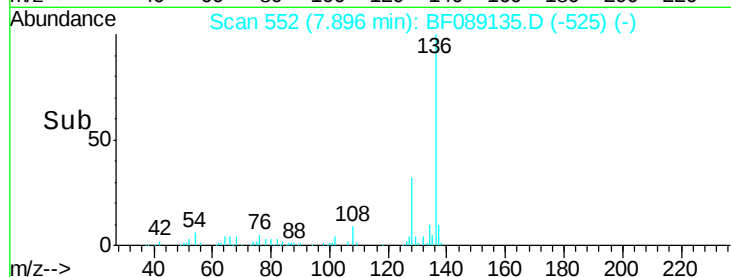


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.98 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Tgt Ion:105 Resp: 443906

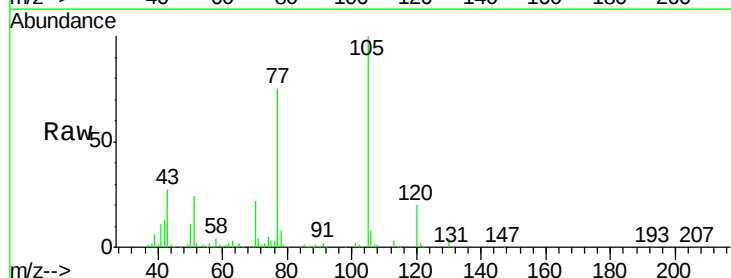
Ion Ratio Lower Upper

105 100

71 3.7 3.8 5.6#

51 23.6 19.6 29.4

120 20.0 15.5 23.3

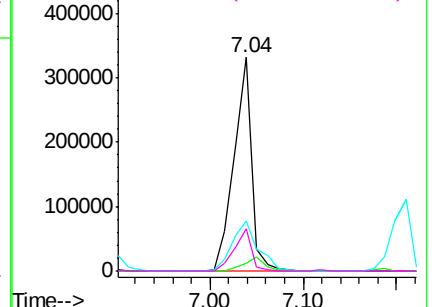
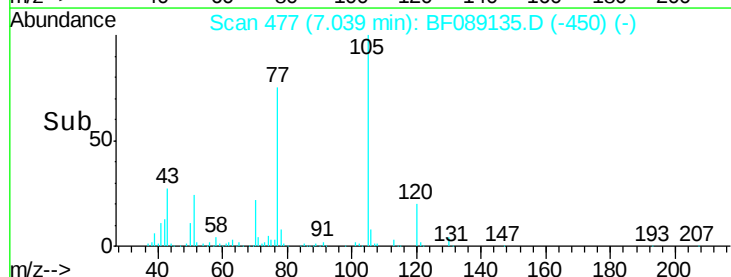


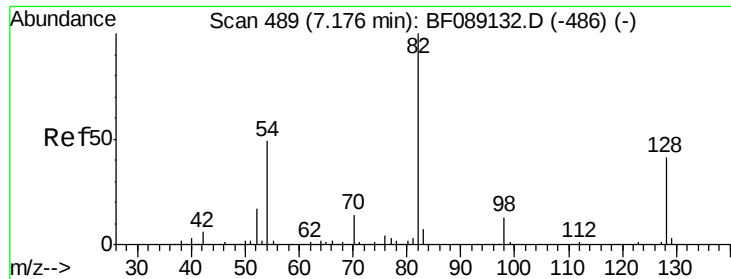
Abundance Ion 105.00 (104.70 to 105.70): E

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

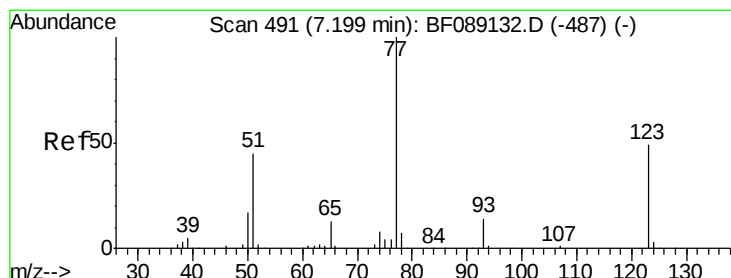
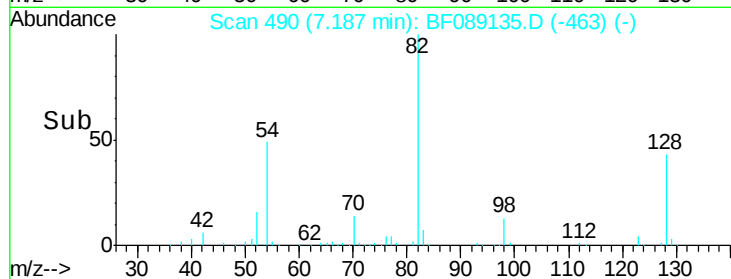
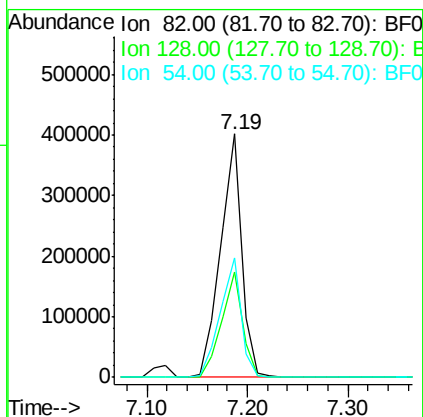
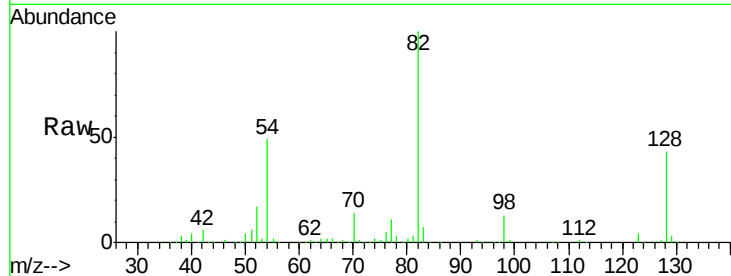




#23
 Nitrobenzene-d5
 Concen: 145.99 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

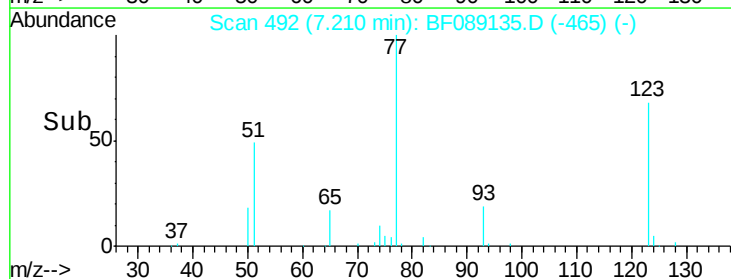
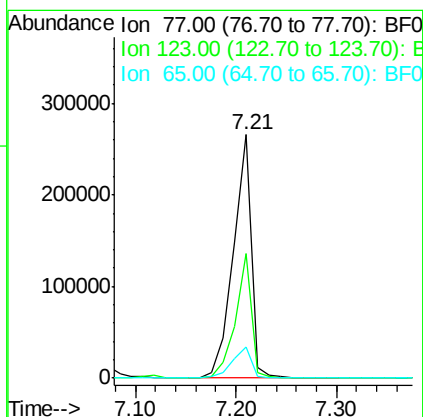
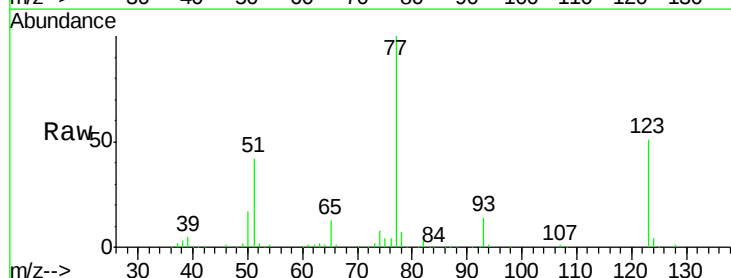
Instrument :
 BNA_F
 ClientSampleID :

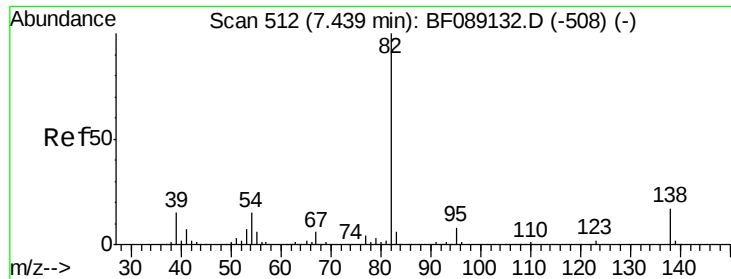
Tot Ion	82	Resp	588423
Ion Ratio	100	Lower	Upper
128	43.3	33.0	49.6
54	49.1	39.0	58.4



#24
 Nitrobenzene
 Concen: 80.73 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.01 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Tgt Ion	77	Resp	333167
Ion Ratio	100	Lower	Upper
123	51.3	38.9	58.3
65	12.9	10.6	15.8





#25

Isophorone

Concen: 76.49 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampleId :

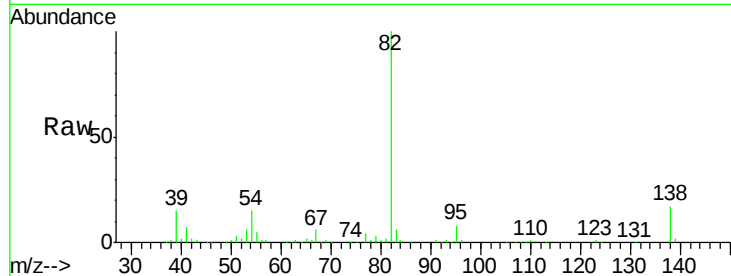
Tot Ion: 82 Resp: 571439

Ion Ratio Lower Upper

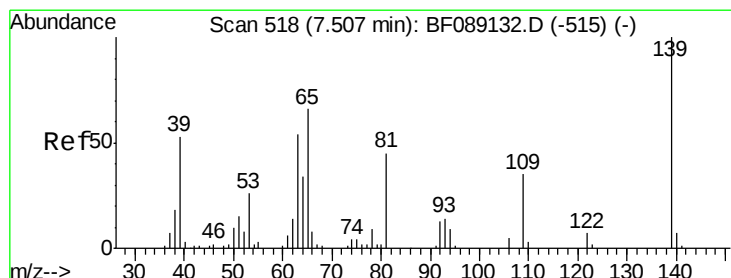
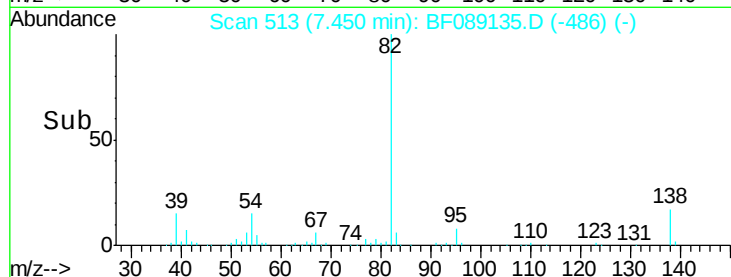
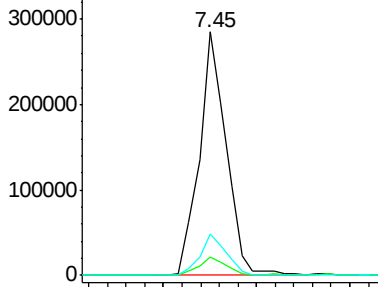
82 100

95 7.6 6.1 9.1

138 16.8 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: 95.06 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

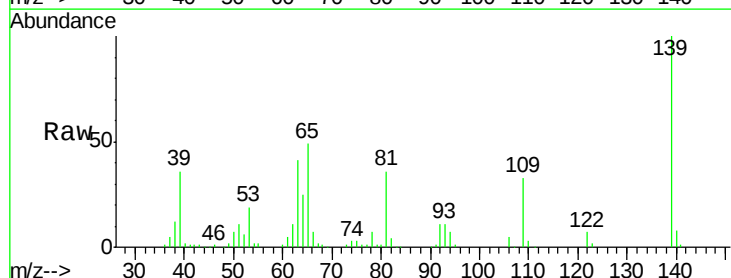
Tgt Ion: 139 Resp: 162777

Ion Ratio Lower Upper

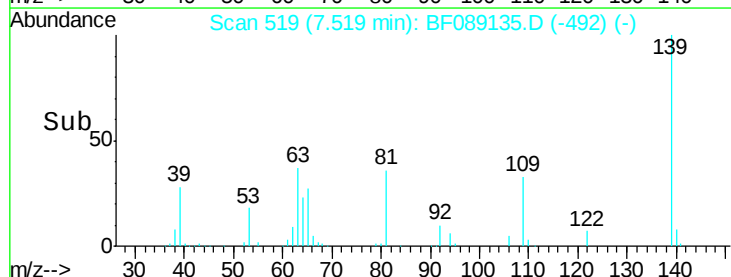
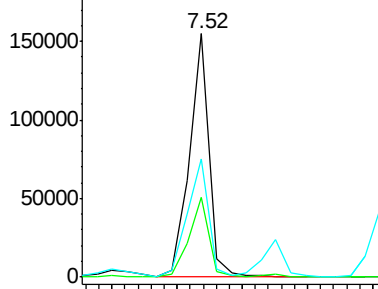
139 100

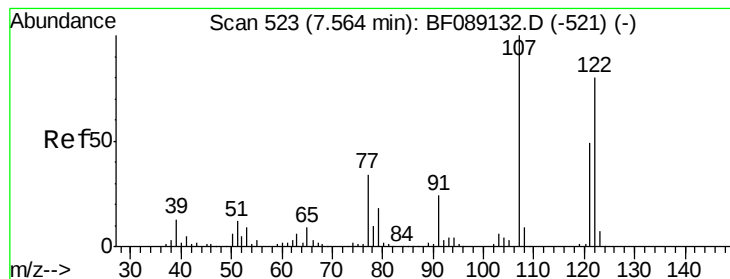
109 32.7 28.1 42.1

65 48.7 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: 75.56 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampleId :

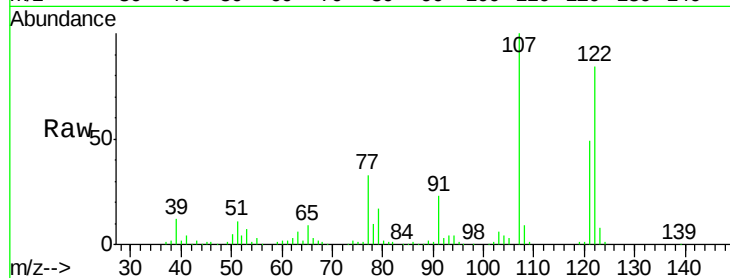
Tot Ion:122 Resp: 257578

Ion Ratio Lower Upper

122 100

107 119.6 99.7 149.5

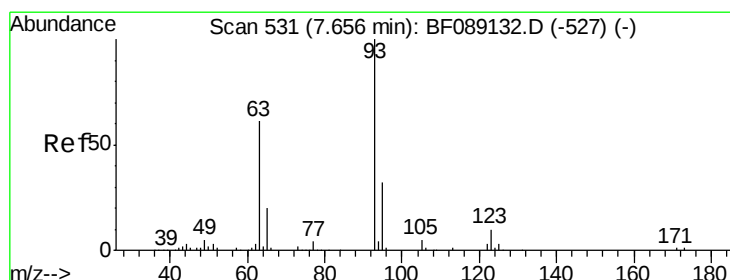
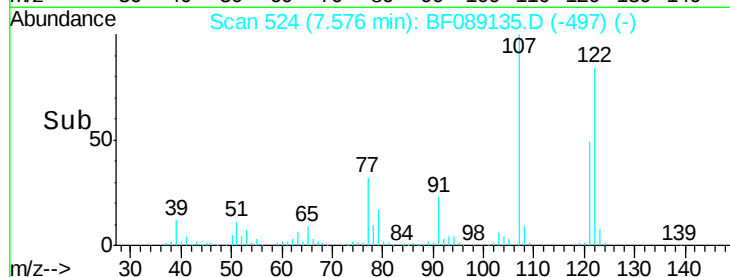
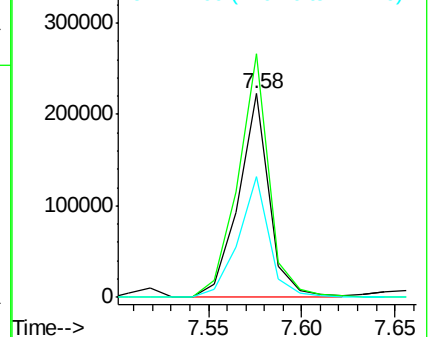
121 59.1 48.5 72.7



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: 73.37 ng

RT: 7.67 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

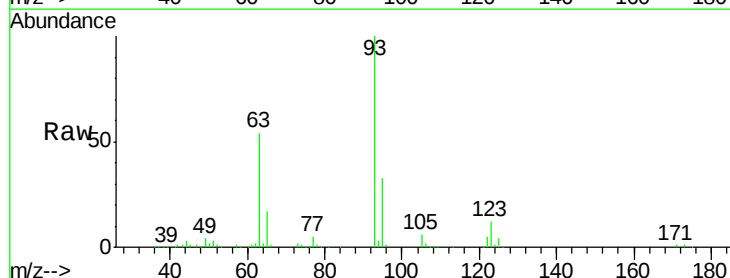
Tgt Ion: 93 Resp: 360587

Ion Ratio Lower Upper

93 100

95 32.7 25.4 38.0

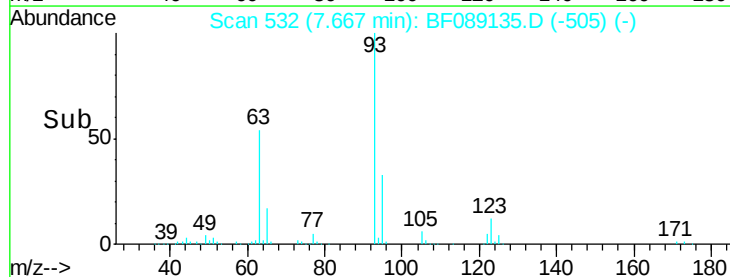
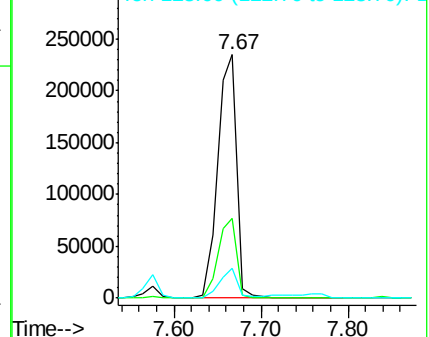
123 12.1 8.3 12.5

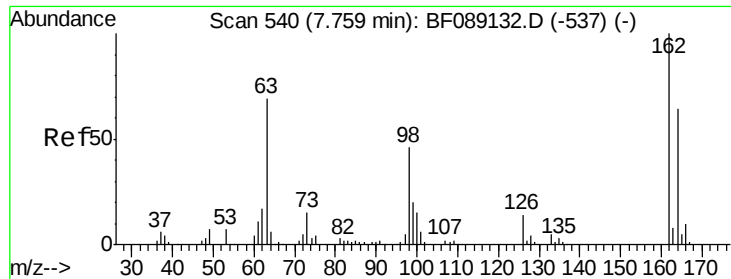


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

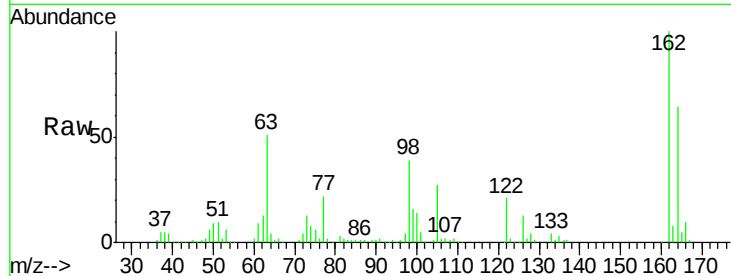




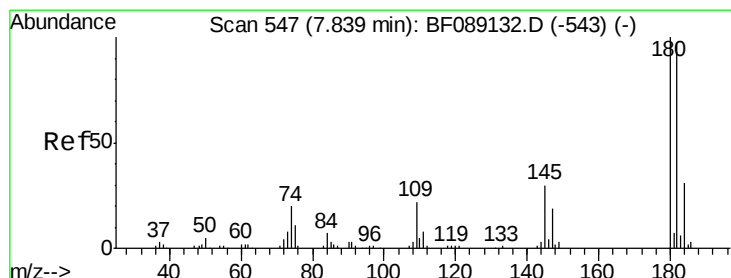
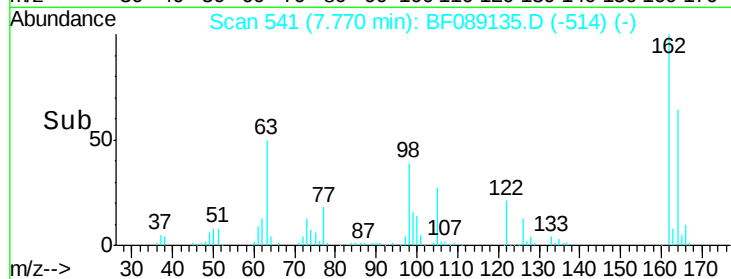
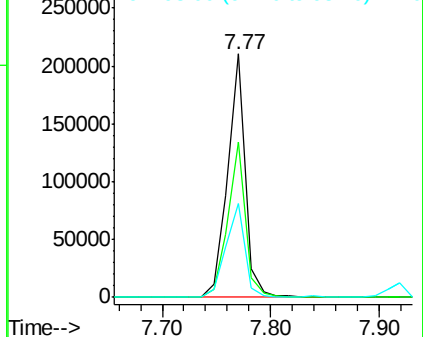
#29
 2,4-Dichlorophenol
 Concen: 82.75 ng
 RT: 7.77 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.0	84.0
98	38.7	26.0	66.0

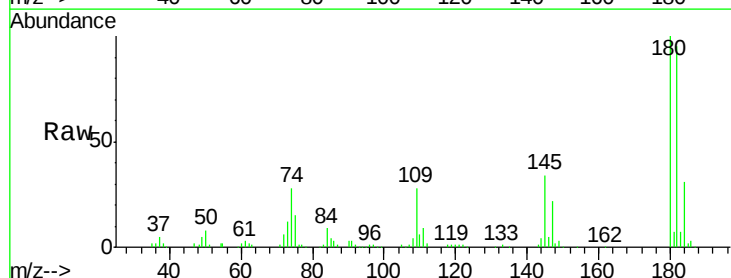


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

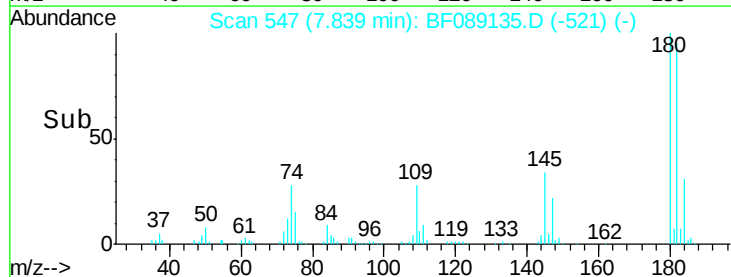
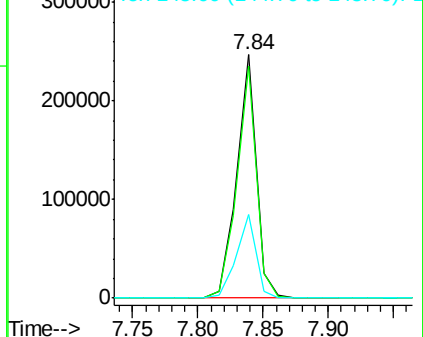


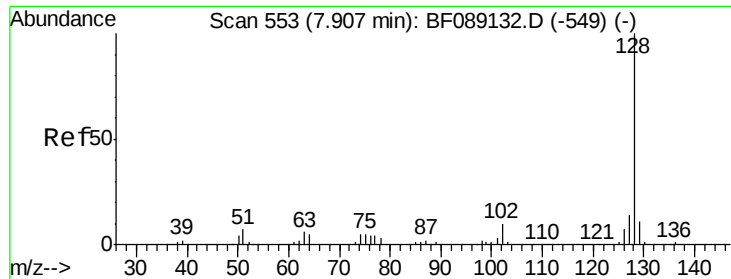
#30
 1,2,4-Trichlorobenzene
 Concen: 82.30 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.6	116.4
145	34.1	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

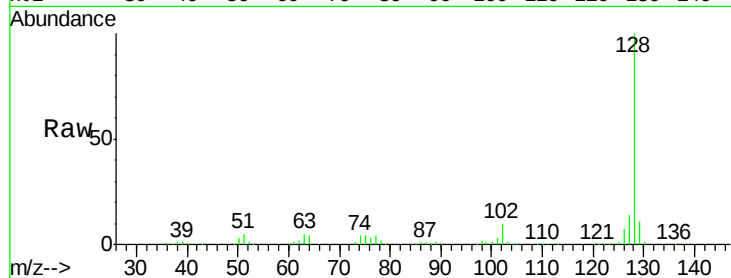




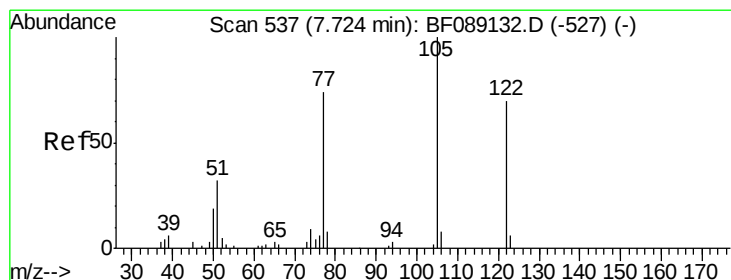
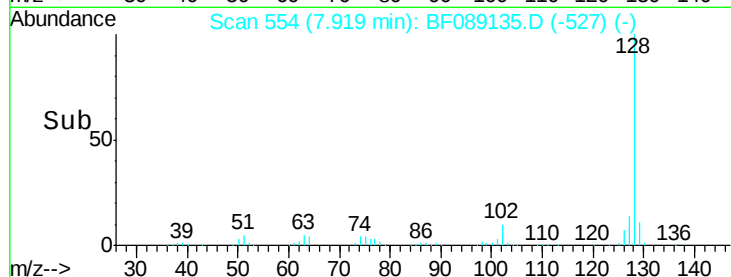
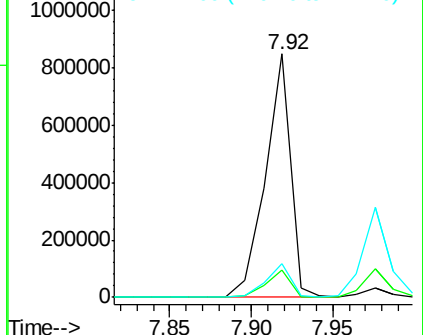
#31
Naphthalene
Concen: 87.56 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 914071
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.8 10.8 16.2

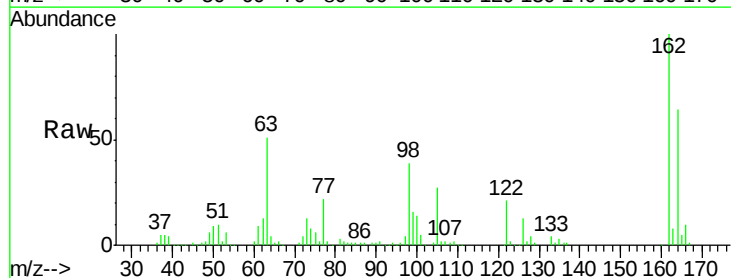


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

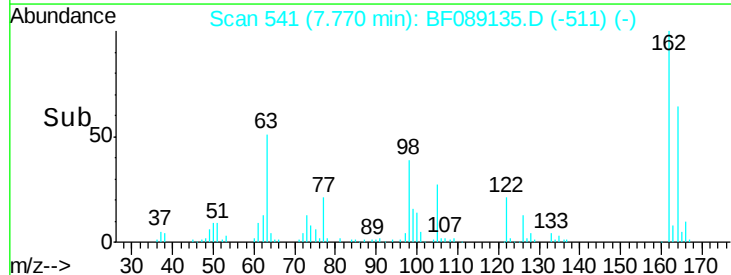
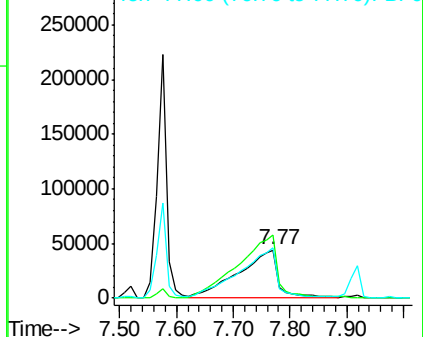


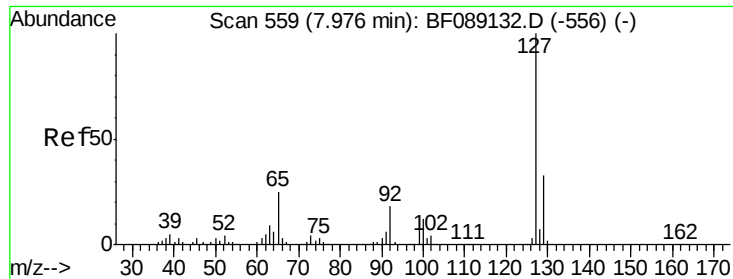
#32
Benzoic acid
Concen: 82.21 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.05 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion:122 Resp: 208855
Ion Ratio Lower Upper
122 100
105 131.5 119.0 159.0
77 103.6 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

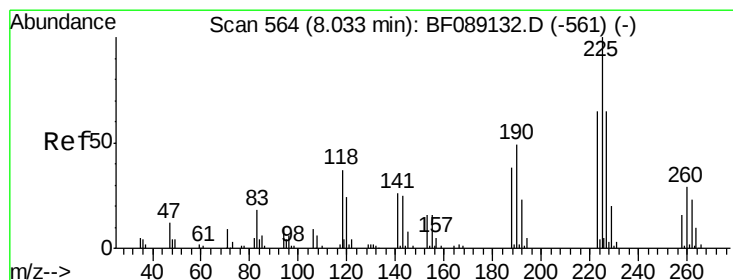
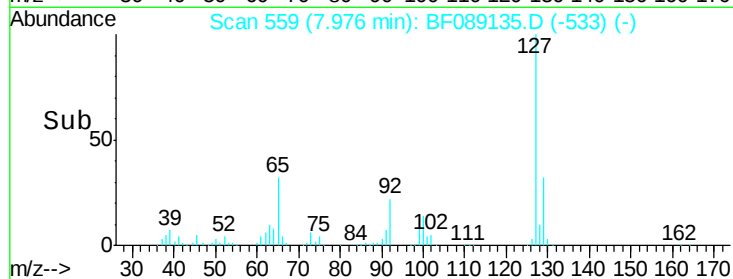
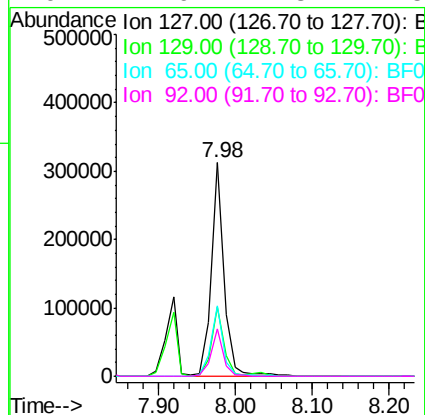
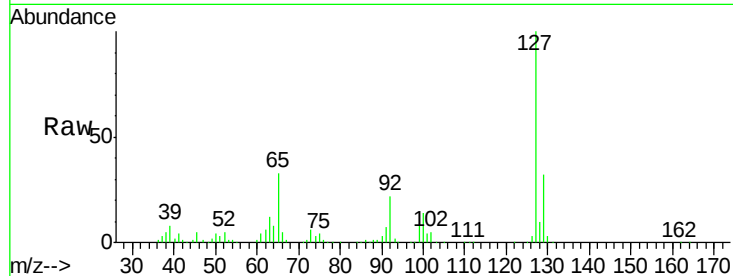




#33
4-Chloroaniline
Concen: 76.57 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

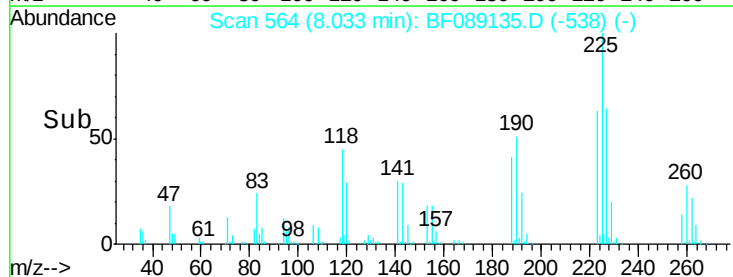
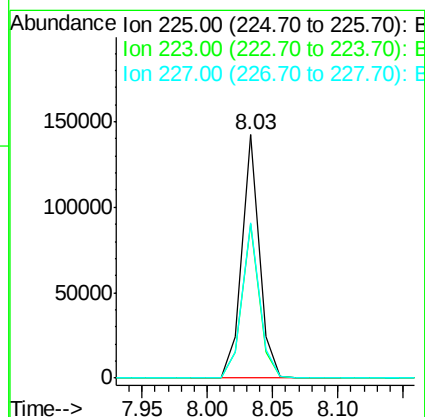
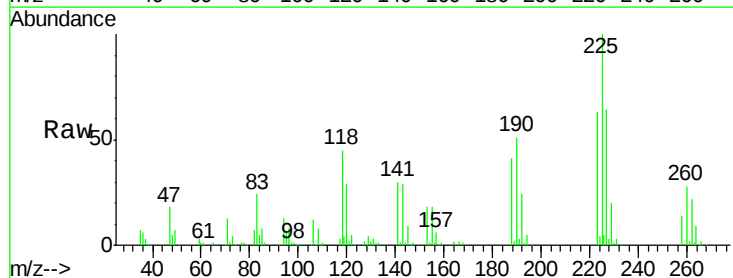
Instrument :
BNA_F
ClientSampled :

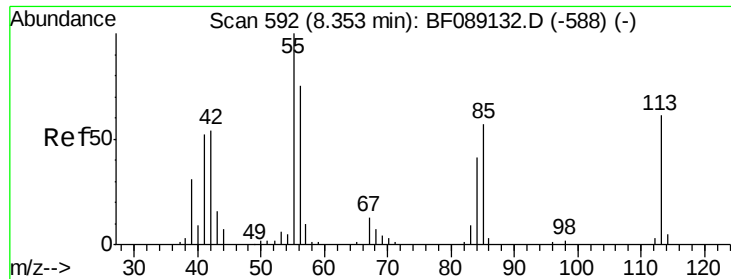
Tot Ion:	127	Resp:	356516
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	33.2	19.7	29.5
92	21.9	14.3	21.5



#34
Hexachlorobutadiene
Concen: 78.99 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion:	225	Resp:	132365
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.6	77.4
227	63.8	51.6	77.4





#35

Caprolactam

Concen: 72.63 ng

RT: 8.39 min Scan# 595

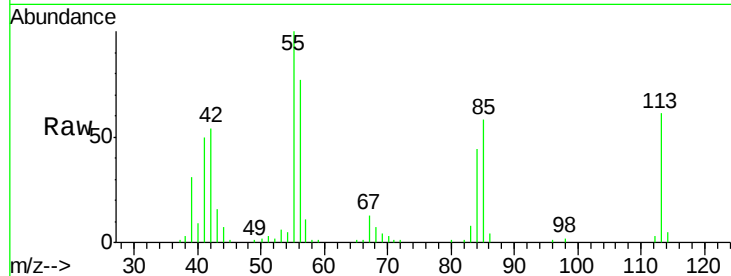
Delta R.T. 0.03 min

Lab File: BF089135.D

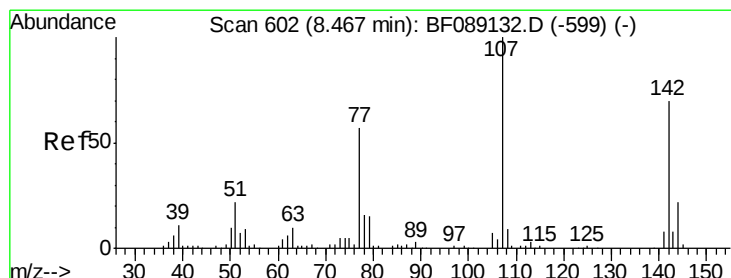
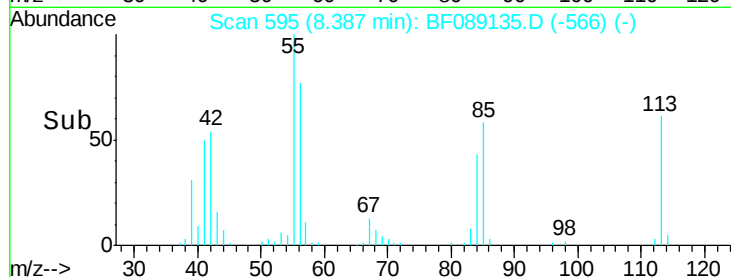
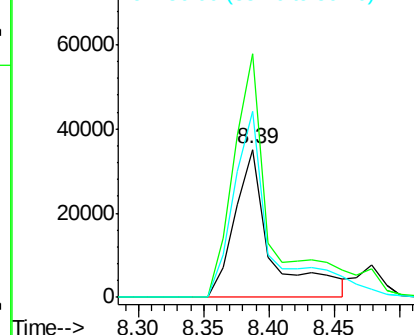
Acq: 20 Jul 2016 15:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 68489
Ion Ratio Lower Upper
113 100
55 164.7 145.3 185.3
56 126.1 104.3 144.3



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: 78.98 ng

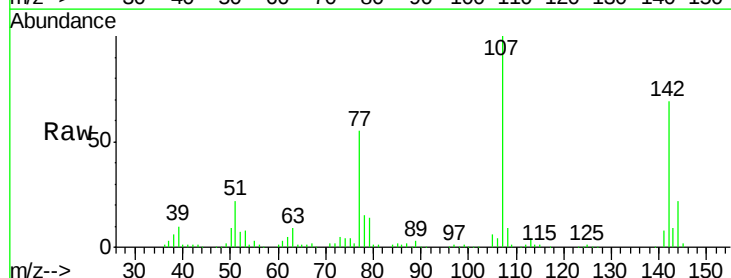
RT: 8.48 min Scan# 603

Delta R.T. 0.01 min

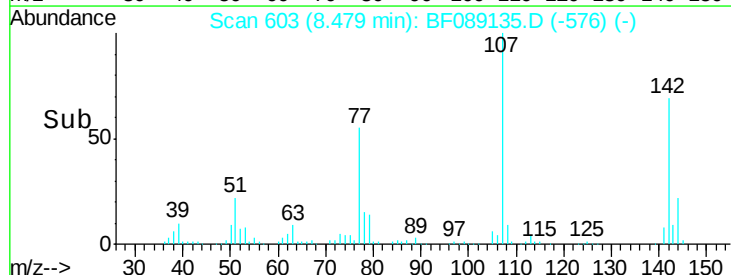
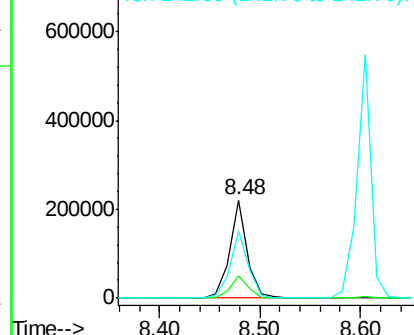
Lab File: BF089135.D

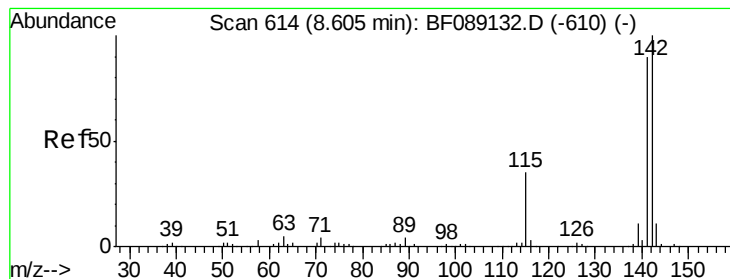
Acq: 20 Jul 2016 15:01

Tgt Ion:107 Resp: 264245
Ion Ratio Lower Upper
107 100
144 22.3 17.8 26.6
142 68.7 56.1 84.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

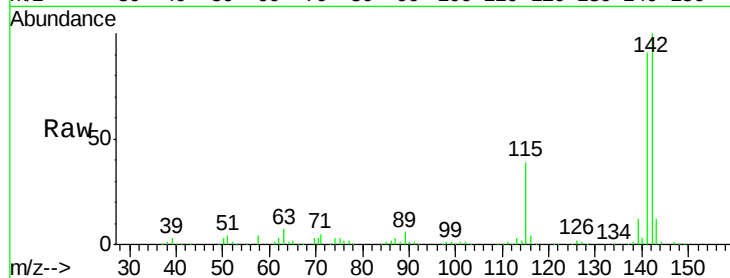




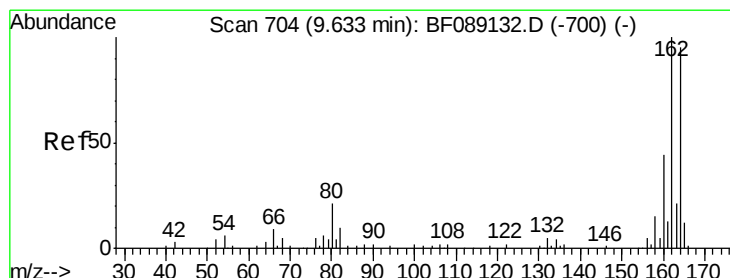
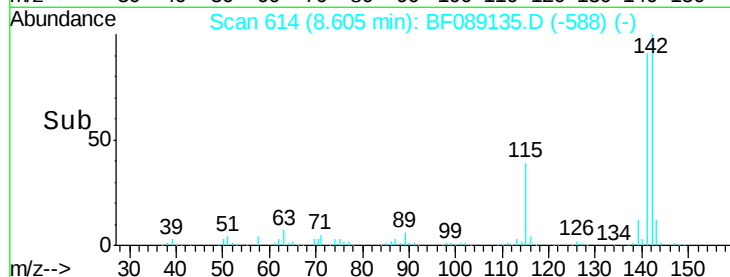
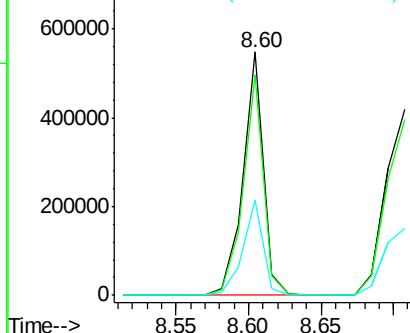
#37
2-Methylnaphthalene
Concen: 76.99 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 531673
Ion Ratio Lower Upper
142 100
141 90.7 71.6 107.4
115 38.9 27.6 41.4

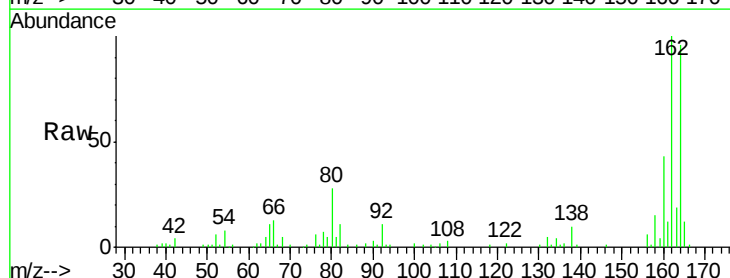


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

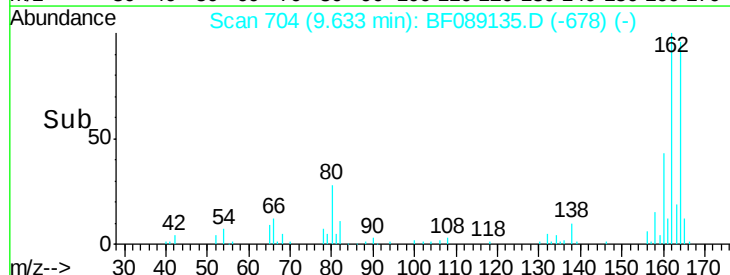
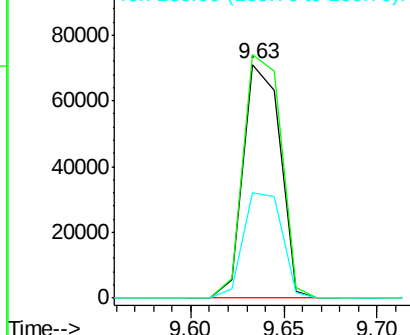


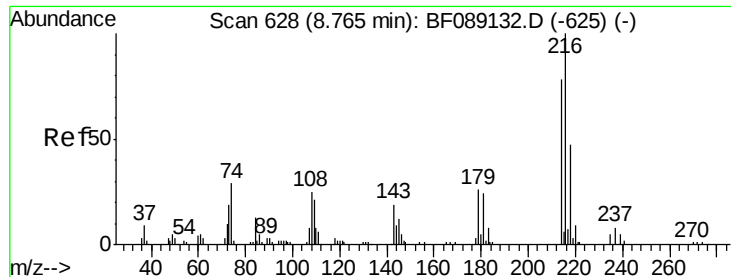
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion:164 Resp: 97611
Ion Ratio Lower Upper
164 100
162 104.1 84.1 126.1
160 44.8 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 92.56 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 300576

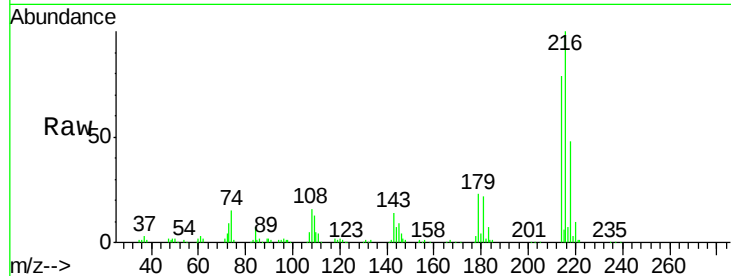
Ion Ratio Lower Upper

216 100

214 79.1 61.9 92.9

179 23.7 18.4 27.6

108 20.6 17.0 25.6

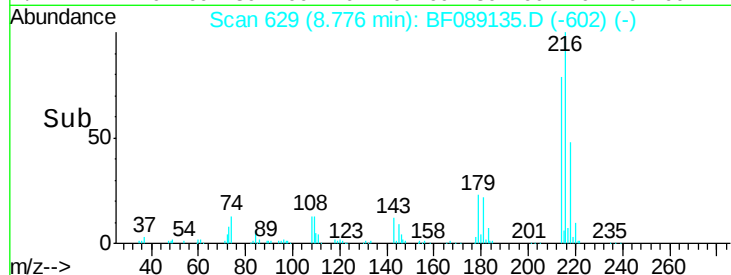


Abundance Ion 216.00 (215.70 to 216.70): E

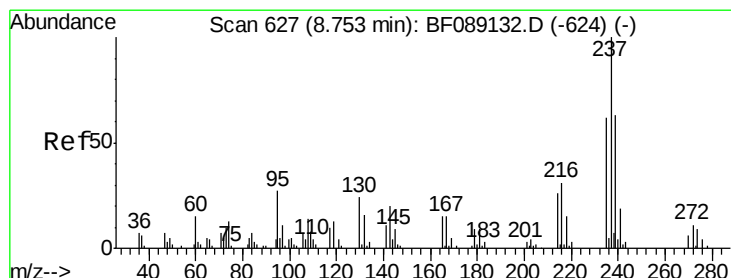
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 66.07 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

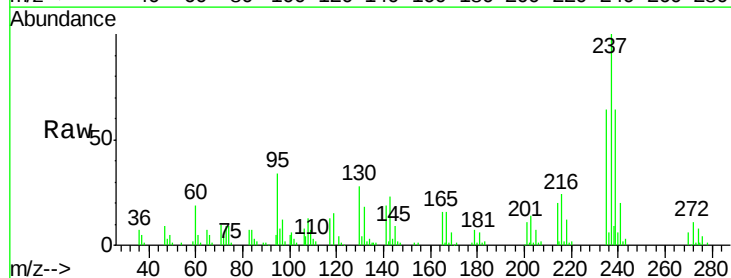
Tgt Ion:237 Resp: 99976

Ion Ratio Lower Upper

237 100

235 64.2 42.1 82.1

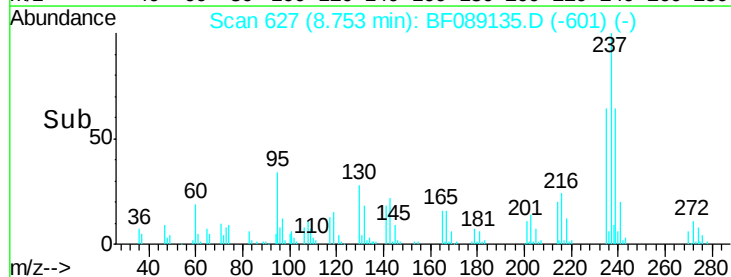
272 10.6 0.0 31.4



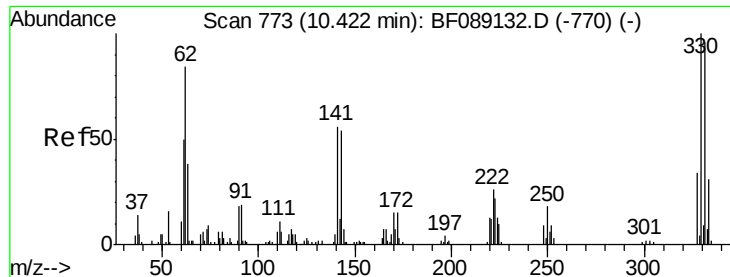
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



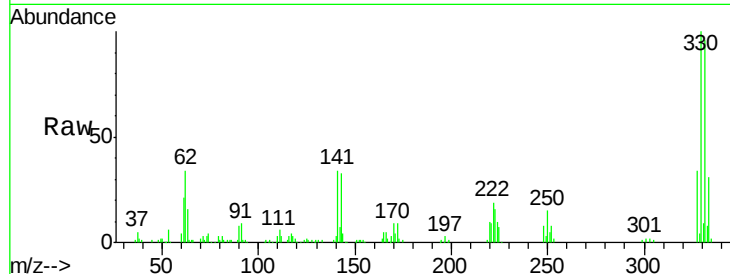
Time-->



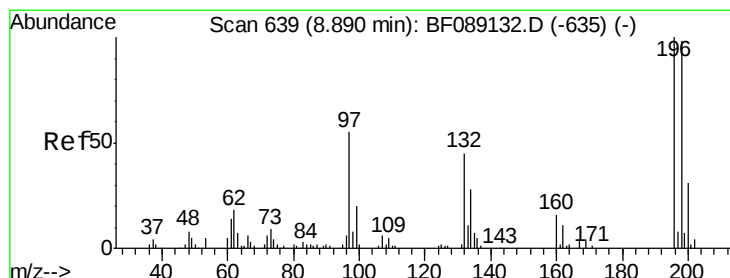
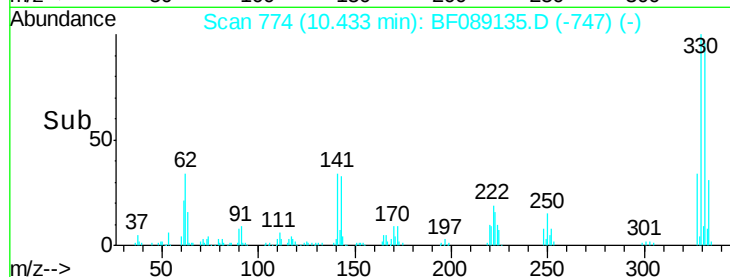
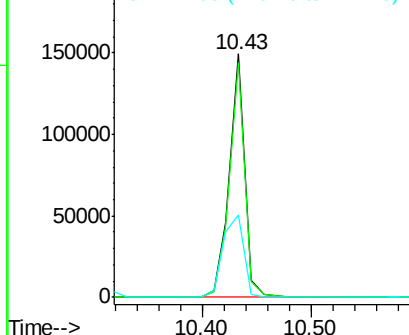
#41
 2,4,6-Tribromophenol
 Concen: 164.30 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.01 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	46.1	42.2	63.2

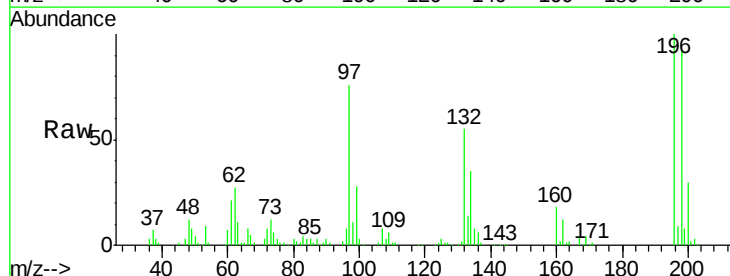


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

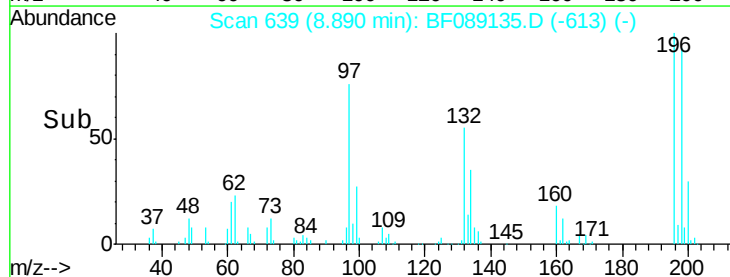
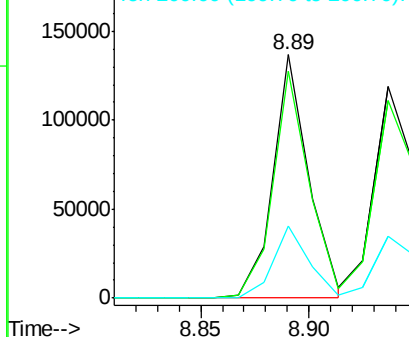


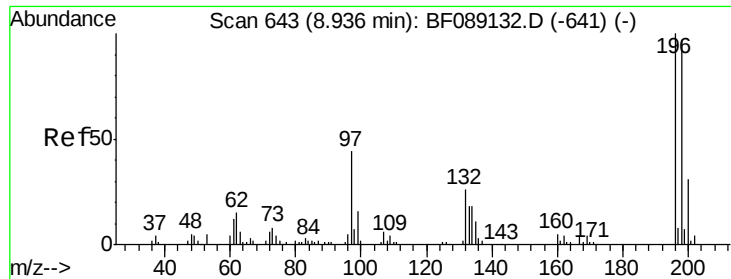
#42
 2,4,6-Trichlorophenol
 Concen: 72.62 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	78.3	117.5
200	29.8	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

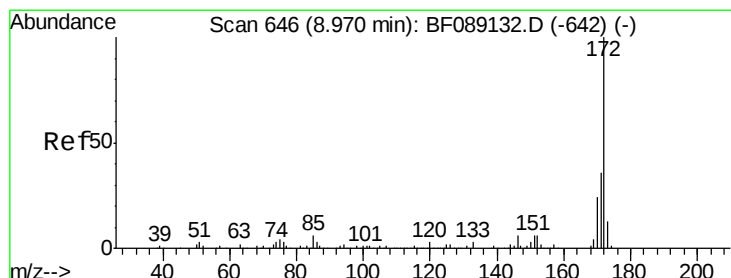
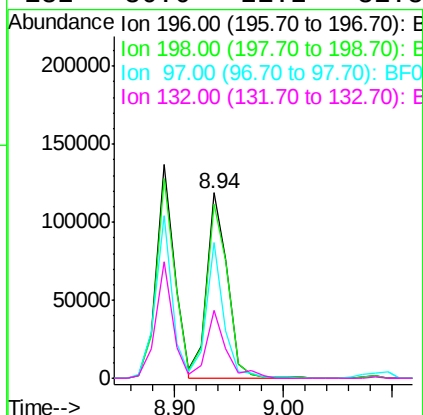
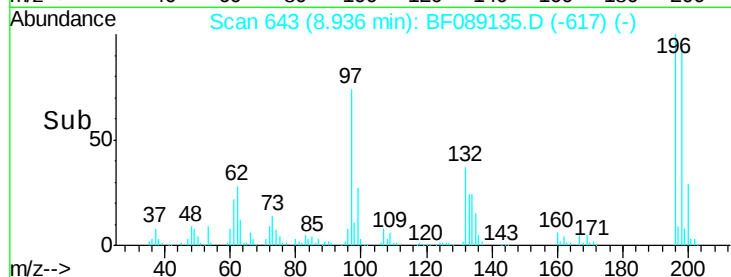
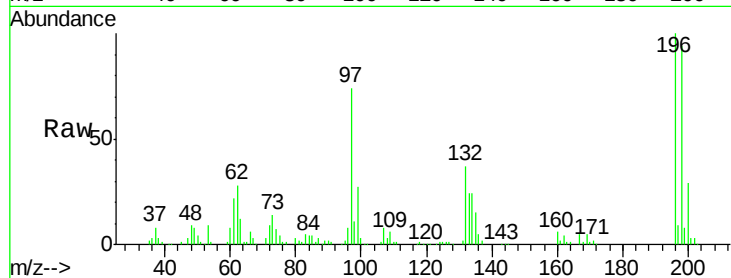




#43
 2,4,5-Trichlorophenol
 Concen: 84.95 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

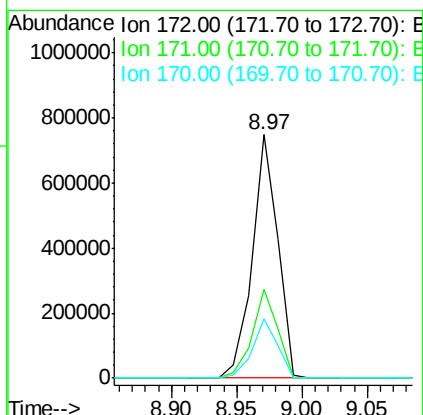
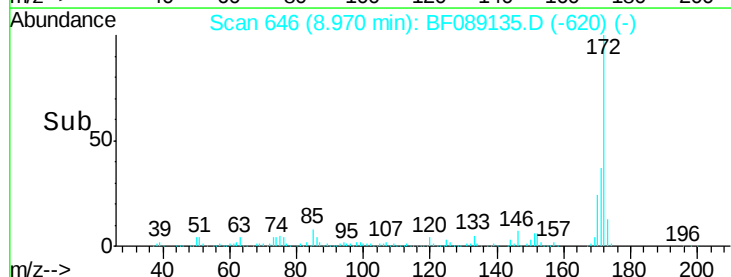
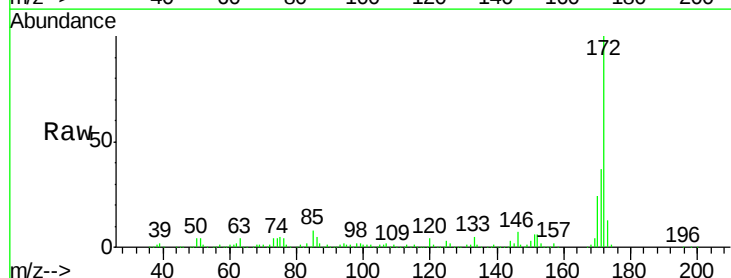
Instrument :
 BNA_F
 ClientSampleId :

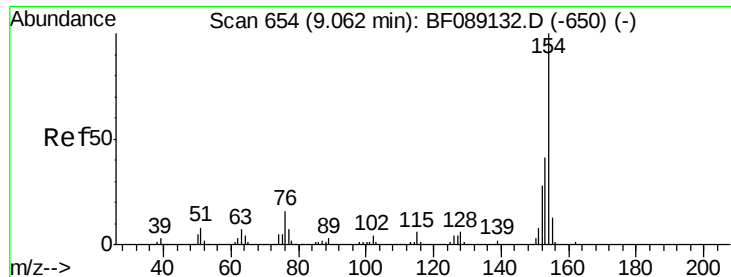
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	77.6	116.4
97	73.5	36.5	54.7#
132	36.6	21.2	31.8#



#44
 2-Fluorobiphenyl
 Concen: 156.44 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	24.1	19.1	28.7





#45

1,1'-Biphenyl

Concen: 84.60 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampled :

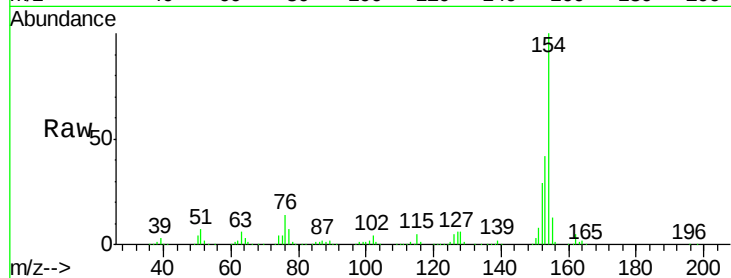
Tot Ion:154 Resp: 680625

Ion Ratio Lower Upper

154 100

153 41.7 21.1 61.1

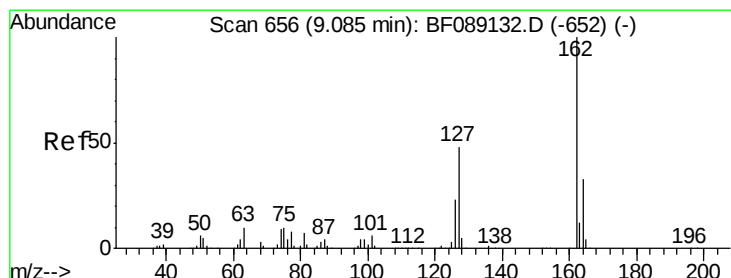
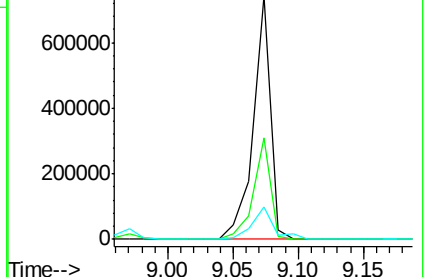
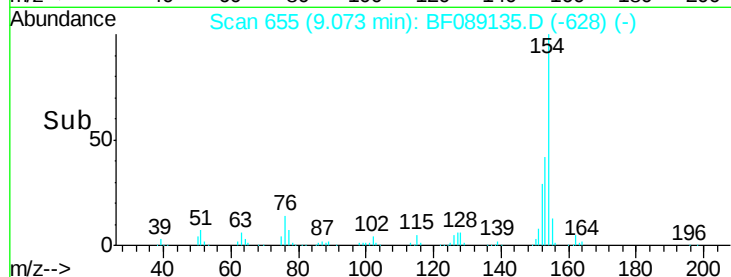
76 13.5 0.0 35.8



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: 86.35 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

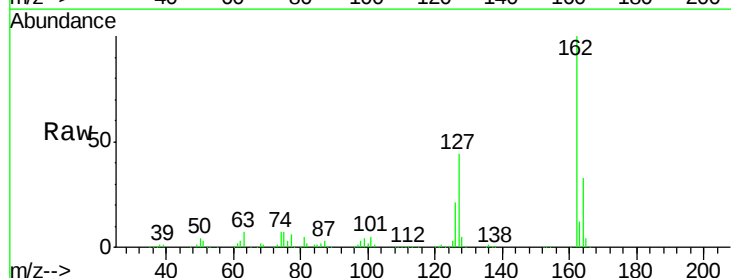
Tgt Ion:162 Resp: 545550

Ion Ratio Lower Upper

162 100

127 44.1 38.1 57.1

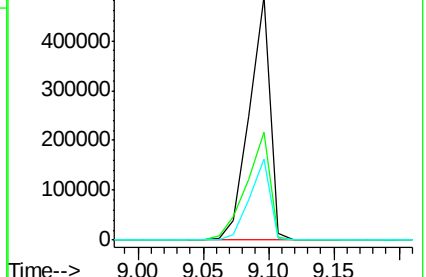
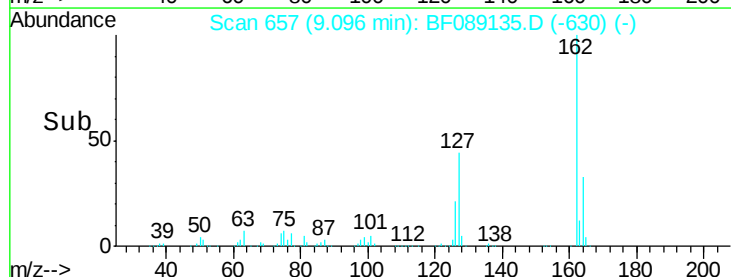
164 33.1 26.1 39.1

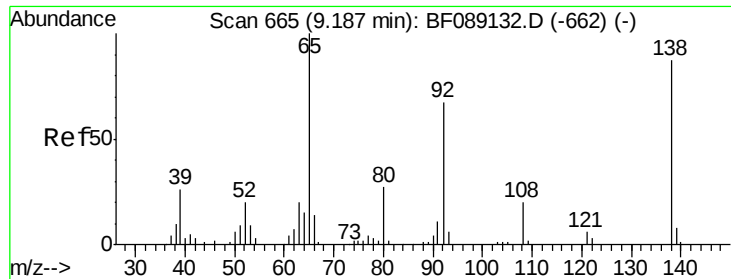


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

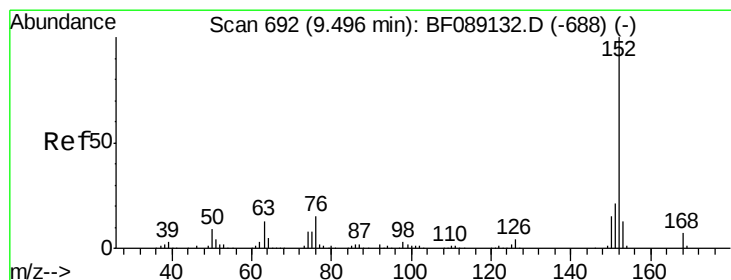
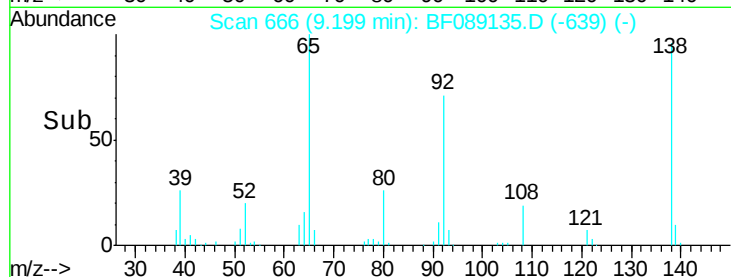
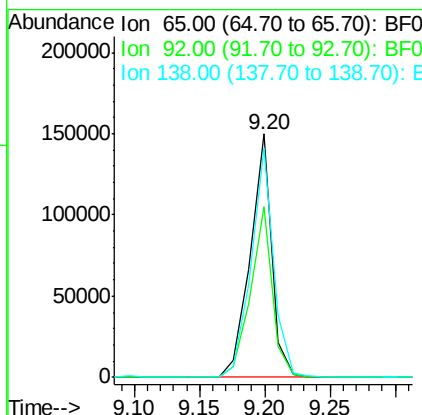
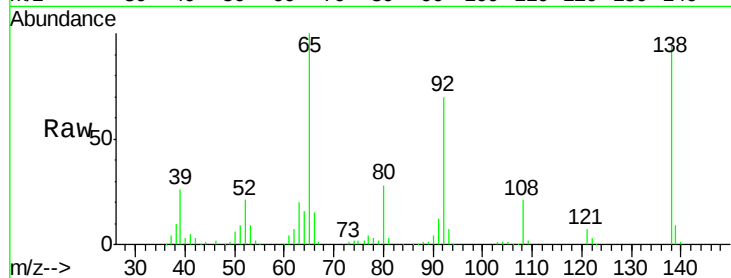




#47
 2-Nitroaniline
 Concen: 78.09 ng
 RT: 9.20 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

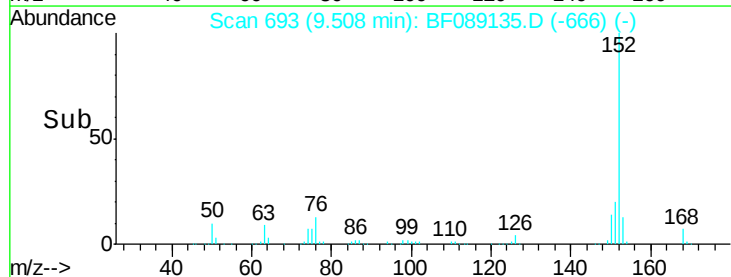
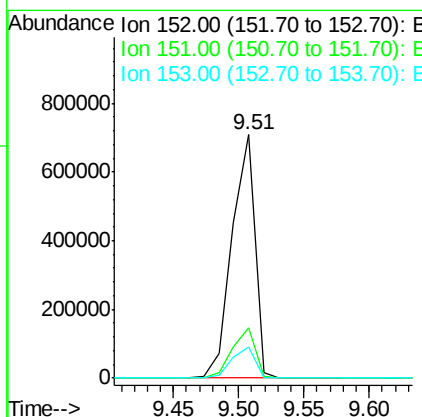
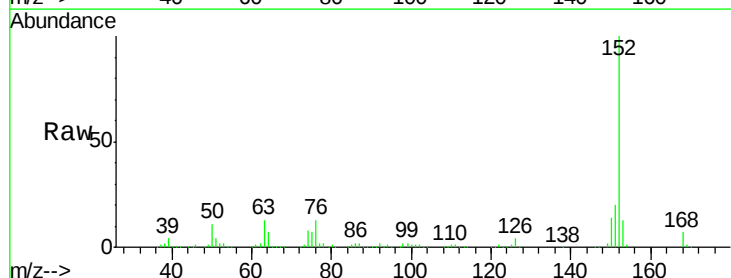
Instrument :
 BNA_F
 ClientSampled :

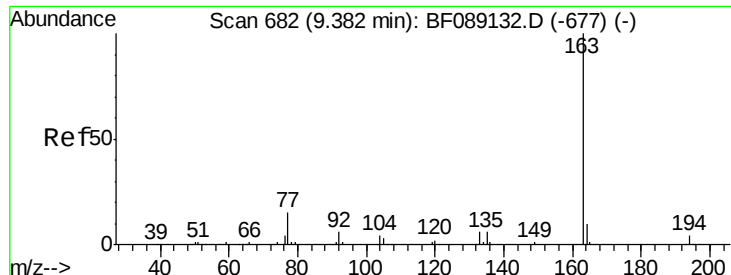
Tot Ion	Ratio	Lower	Upper
65	100		
92	70.1	53.2	79.8
138	94.3	69.4	104.2



#48
 Acenaphthylene
 Concen: 85.57 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7
153	12.9	10.7	16.1

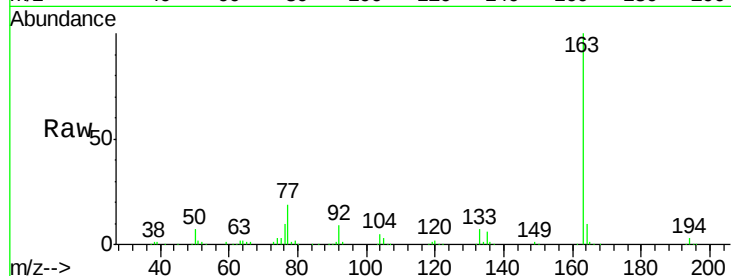




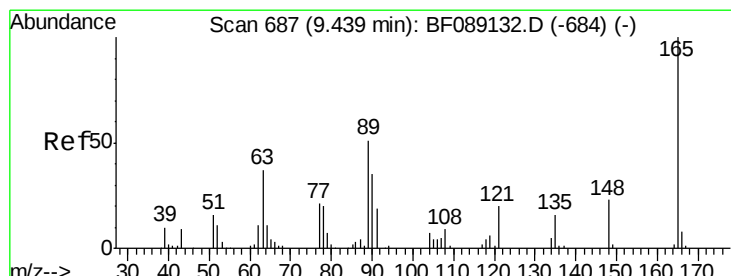
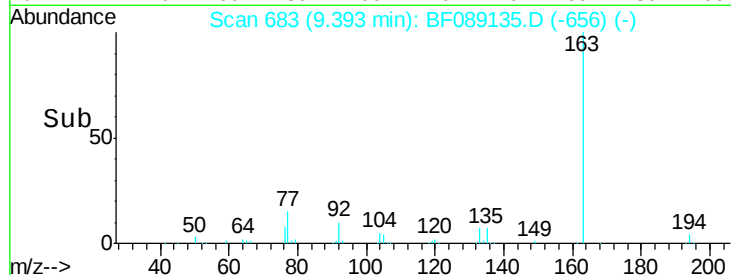
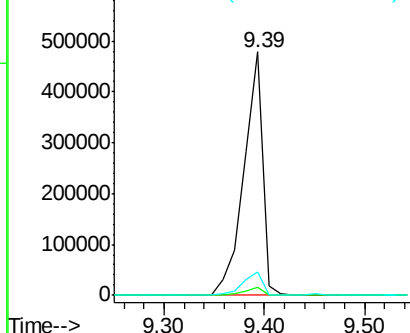
#49
Dimethylphthalate
Concen: 86.89 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 620812
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 9.9 7.6 11.4

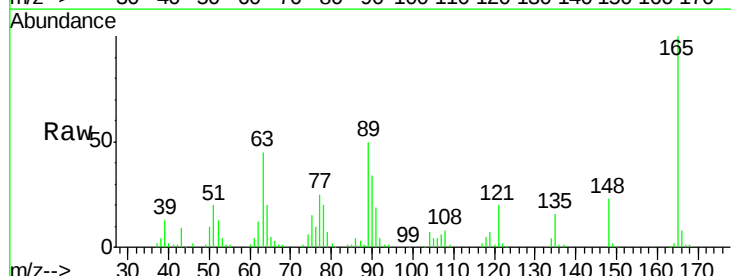


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

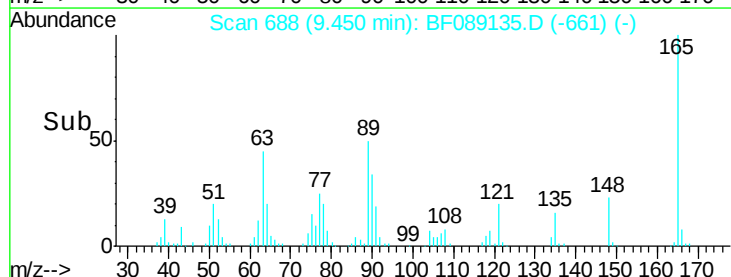
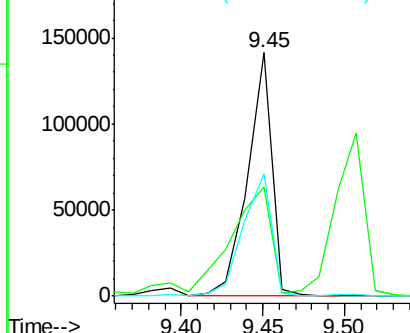


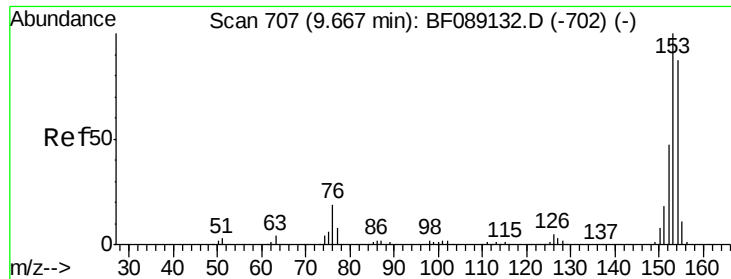
#50
2,6-Dinitrotoluene
Concen: 91.51 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion:165 Resp: 145730
Ion Ratio Lower Upper
165 100
63 44.6 37.0 55.4
89 50.3 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

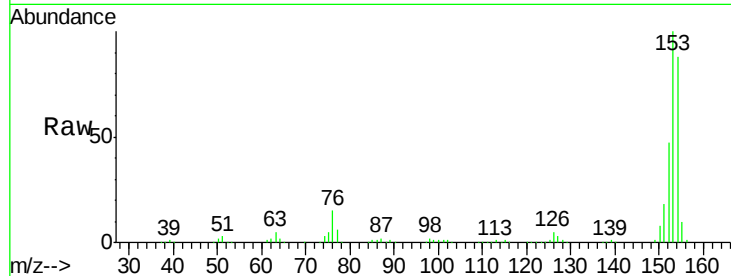




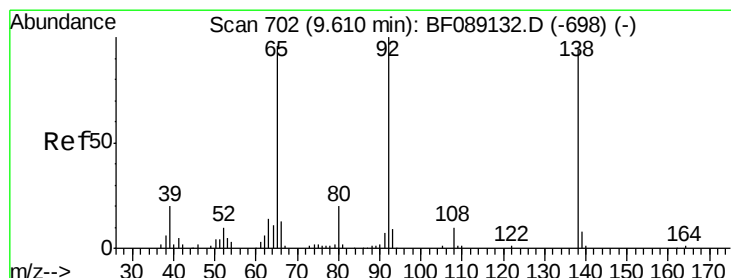
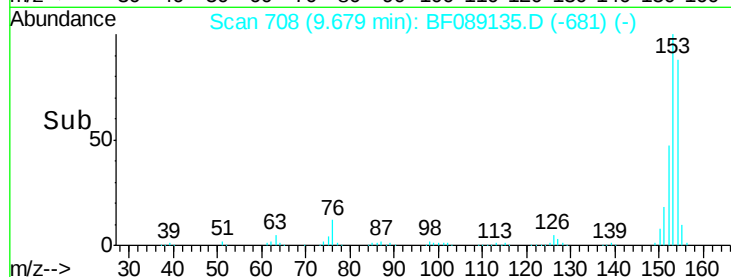
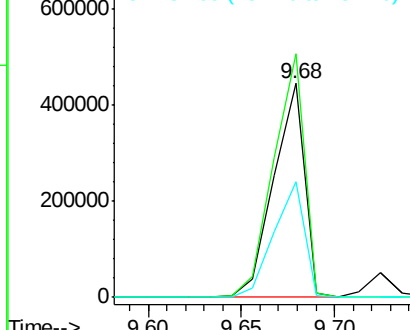
#51
Acenaphthene
Concen: 83.02 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 514378
Ion Ratio Lower Upper
154 100
153 114.0 91.9 137.9
152 54.0 42.8 64.2

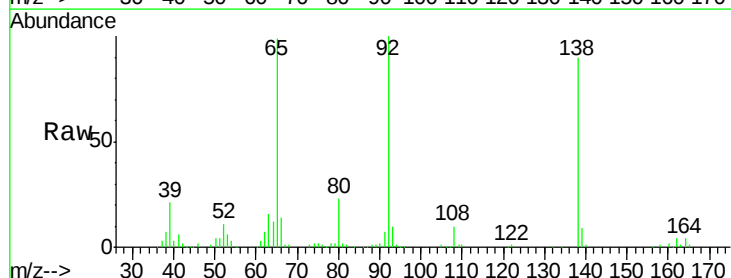


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

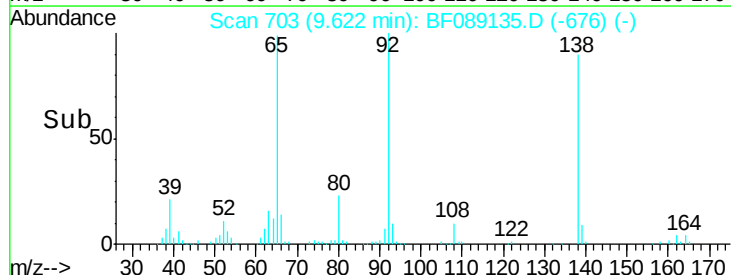
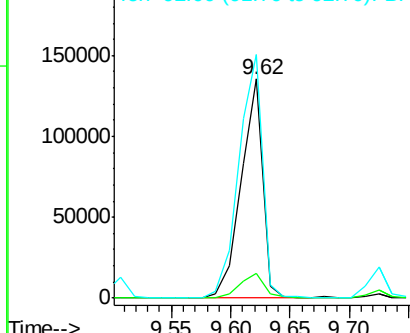


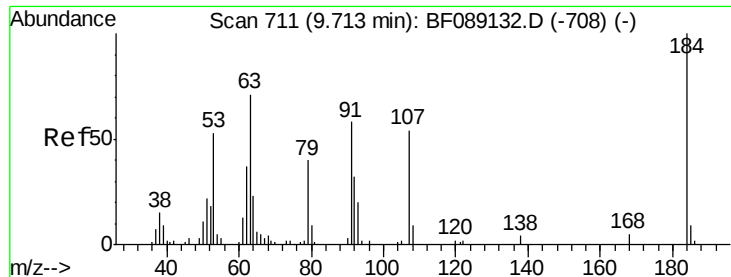
#52
3-Nitroaniline
Concen: 88.84 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion:138 Resp: 172987
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 111.3 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

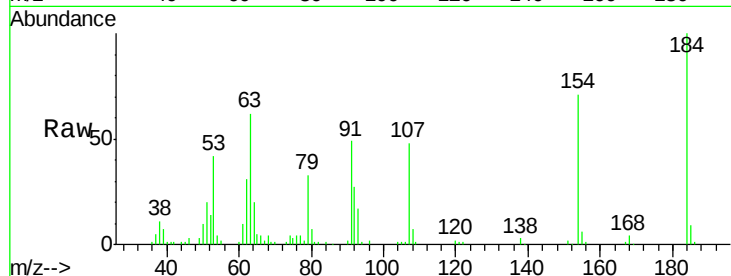




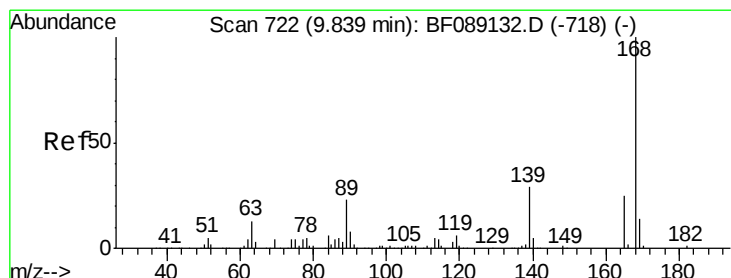
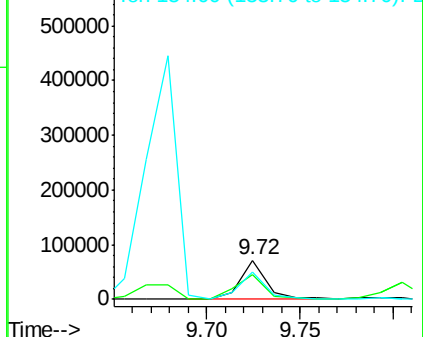
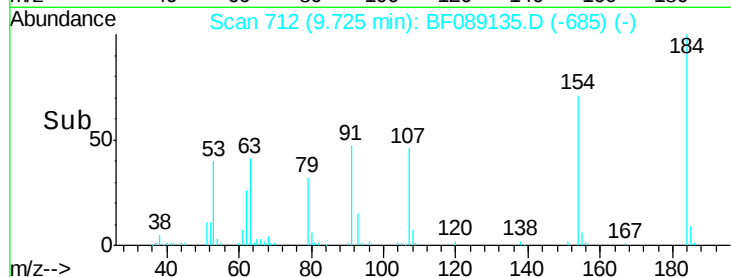
#53
2,4-Dinitrophenol
Concen: 102.75 na
RT: 9.72 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 71333
Ion Ratio Lower Upper
184 100
63 62.2 60.3 90.5
154 70.5 60.7 91.1

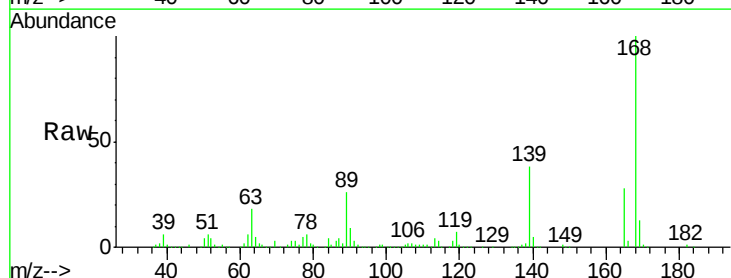


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

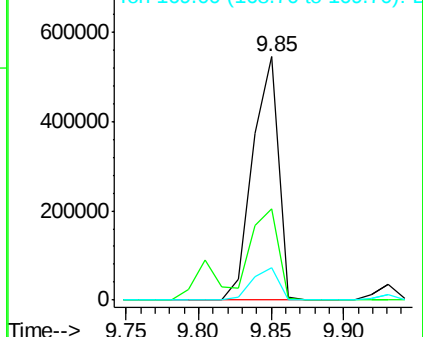
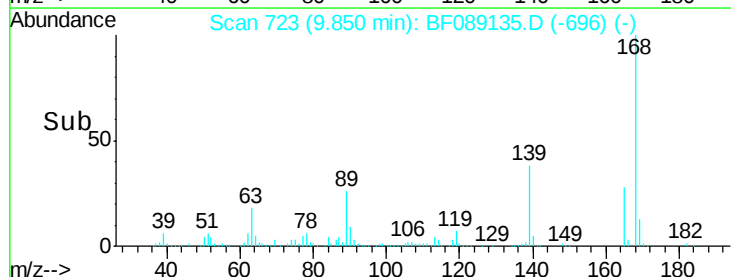


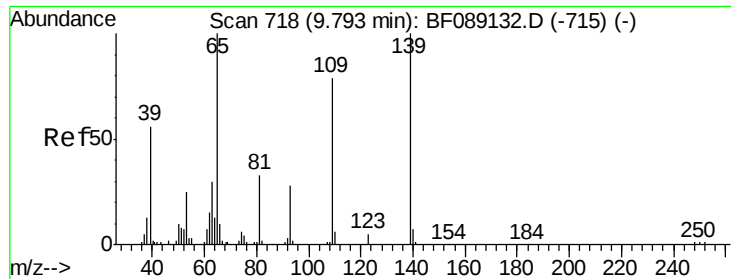
#54
Dibenzofuran
Concen: 82.56 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion:168 Resp: 670409
Ion Ratio Lower Upper
168 100
139 37.7 34.4 51.6
169 13.1 10.8 16.2



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

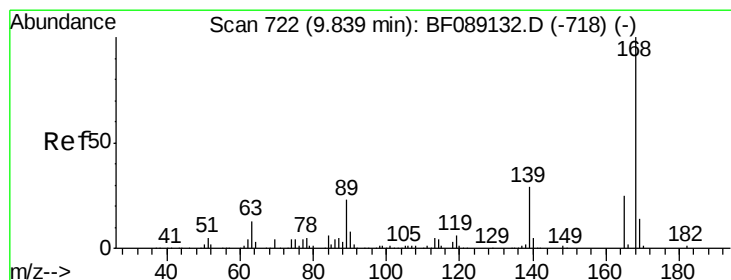
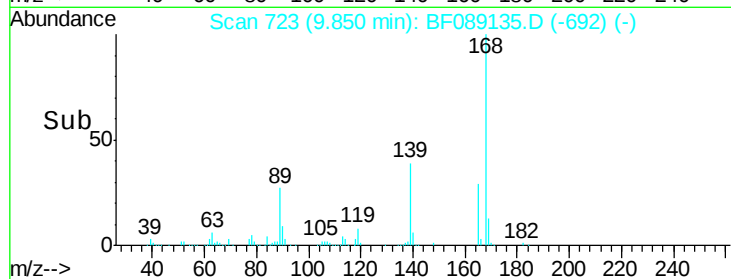
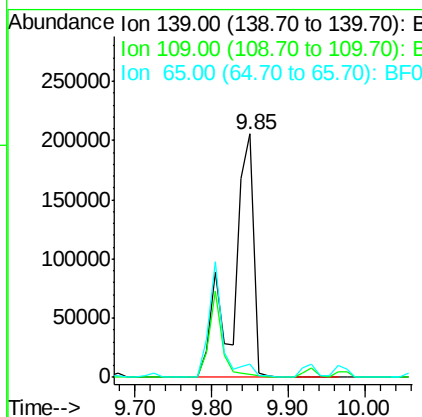
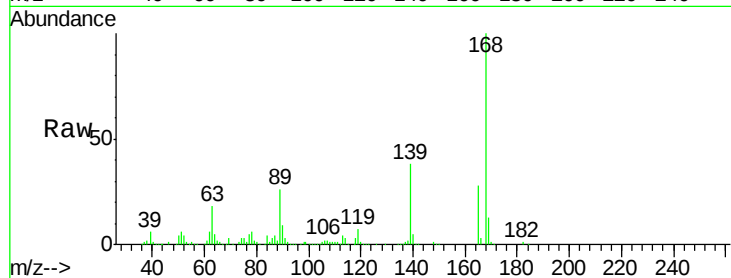




#55
4-Nitrophenol
Concen: 261.09 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.06 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

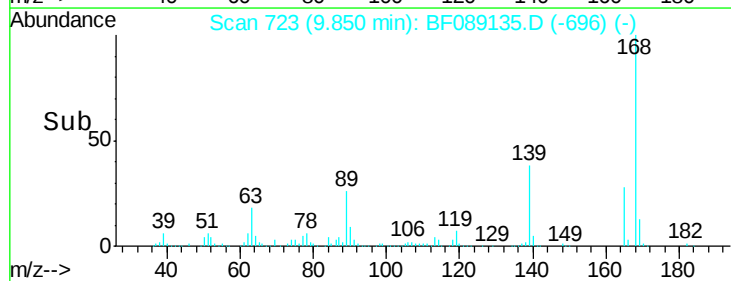
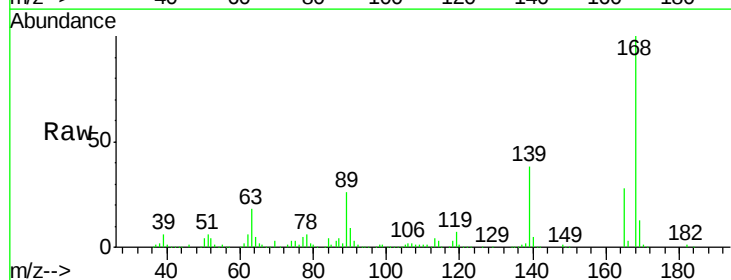
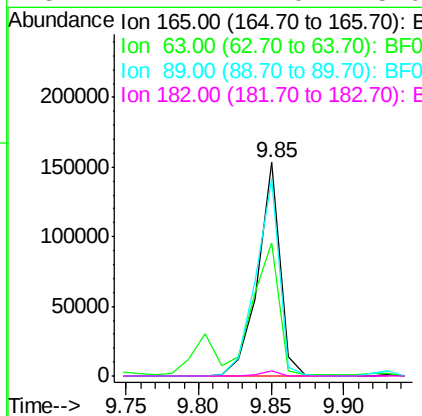
Instrument :
BNA_F
ClientSampled :

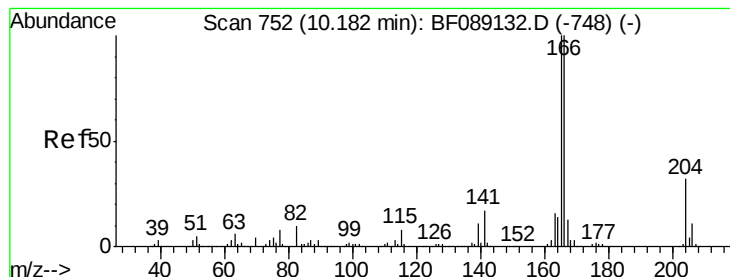
Tot Ion:139 Resp: 376505
Ion Ratio Lower Upper
139 100
109 1.4 58.7 98.7#
65 5.3 80.2 120.2#



#56
2,4-Dinitrotoluene
Concen: 78.69 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion:165 Resp: 161400
Ion Ratio Lower Upper
165 100
63 62.6 55.4 83.2
89 92.2 74.3 111.5
182 2.4 2.0 3.0





#57

Fluorene

Concen: 78.26 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampled :

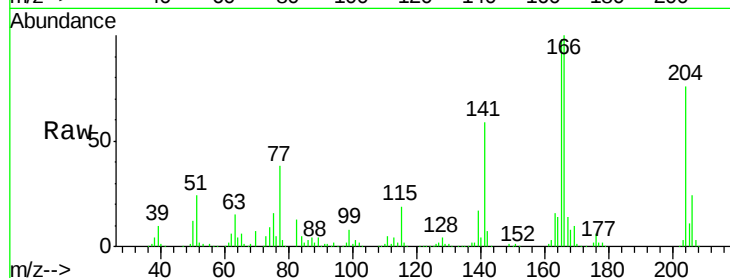
Tot Ion:166 Resp: 506816

Ion Ratio Lower Upper

166 100

165 98.4 79.9 119.9

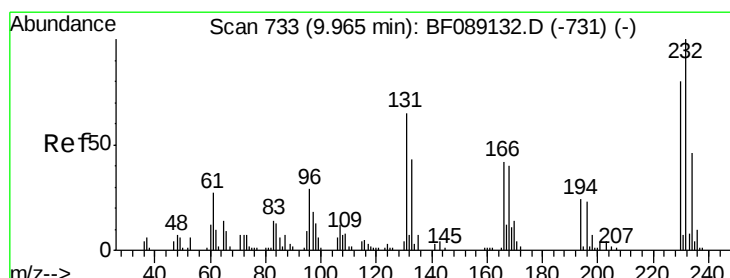
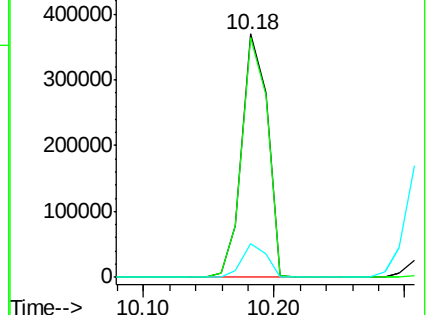
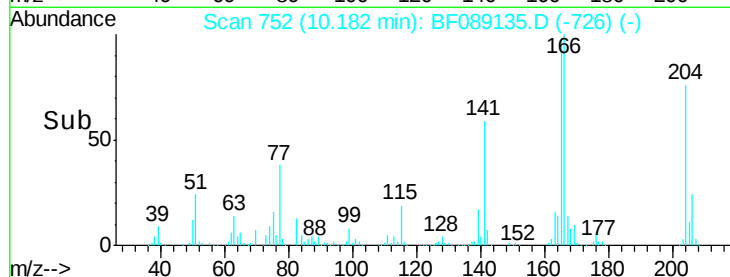
167 13.8 10.7 16.1



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: 87.42 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Tgt Ion:232 Resp: 125283

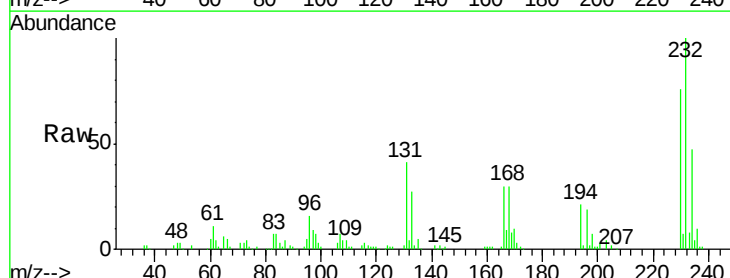
Ion Ratio Lower Upper

232 100

131 52.7 46.2 69.2

130 2.6 2.3 3.5

166 34.3 29.5 44.3

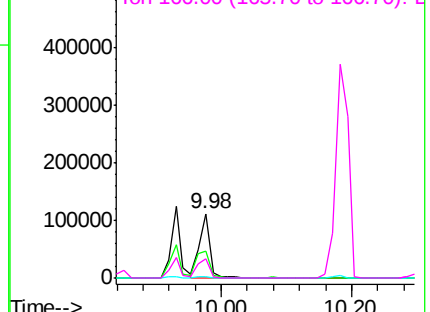
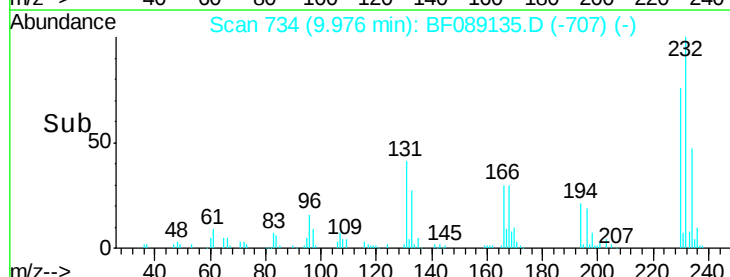


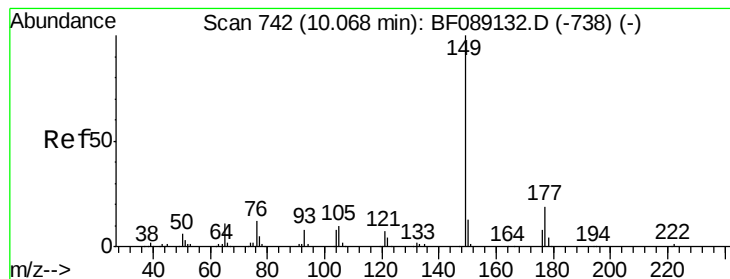
Abundance Ion 232.00 (231.70 to 232.70): E

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: 79.04 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampleId :

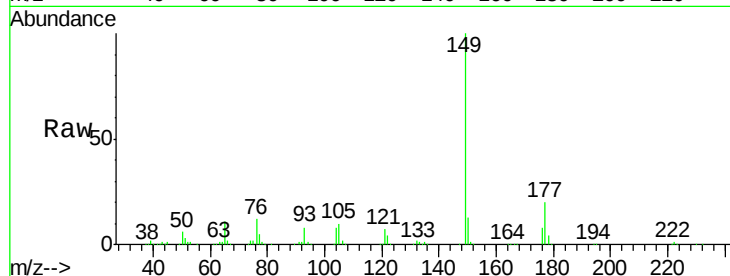
Tot Ion:149 Resp: 552984

Ion Ratio Lower Upper

149 100

177 20.4 15.6 23.4

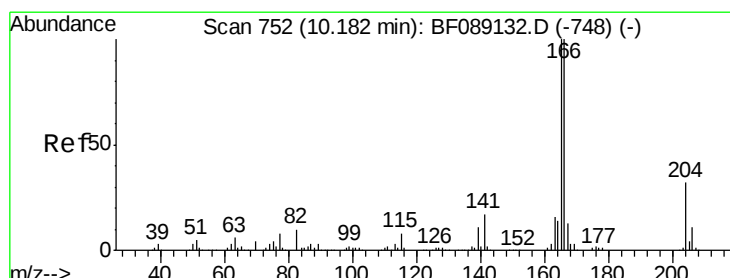
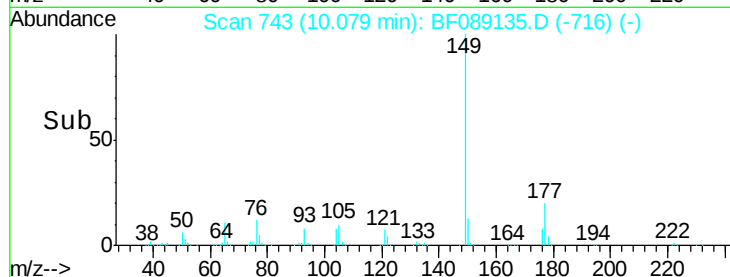
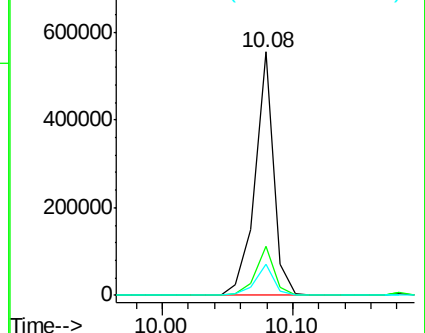
150 12.9 10.1 15.1



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: 79.63 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

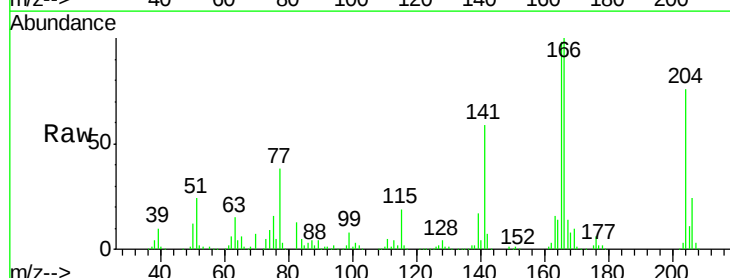
Tgt Ion:204 Resp: 236067

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.4

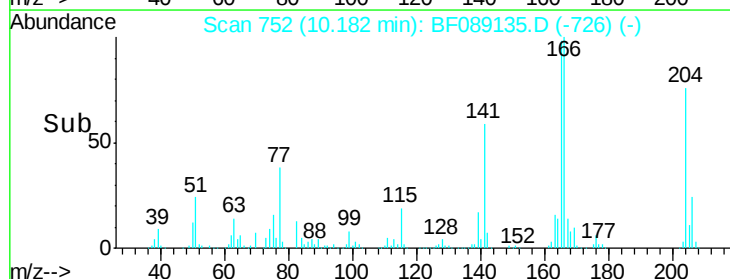
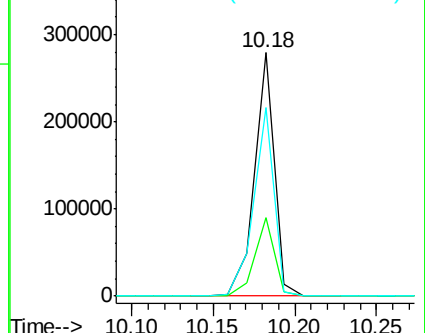
141 77.6 42.2 63.4#

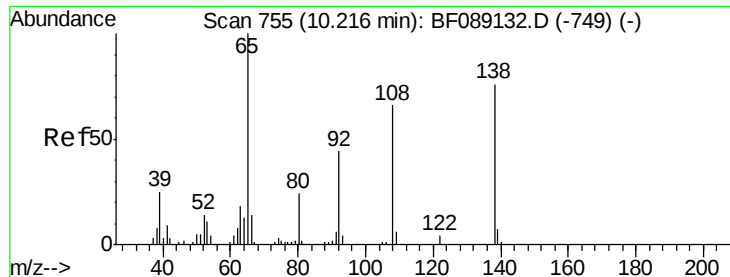


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

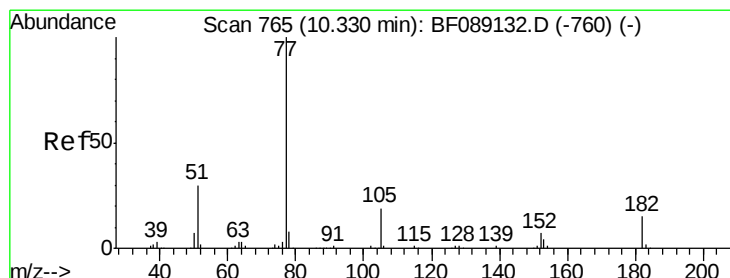
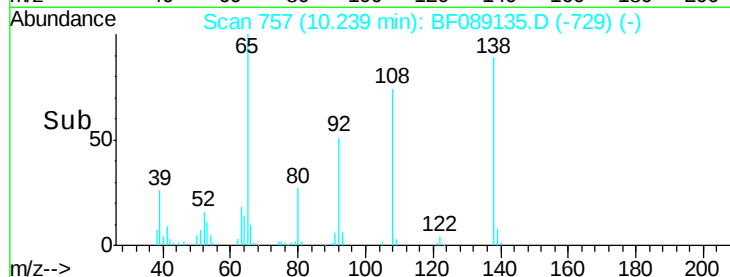
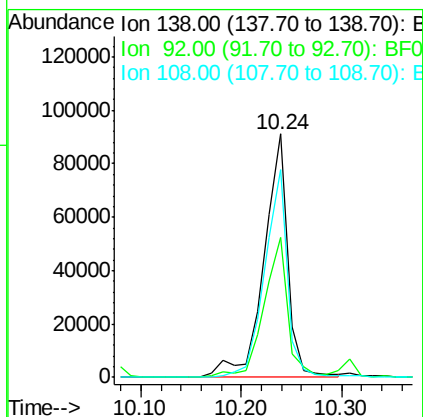
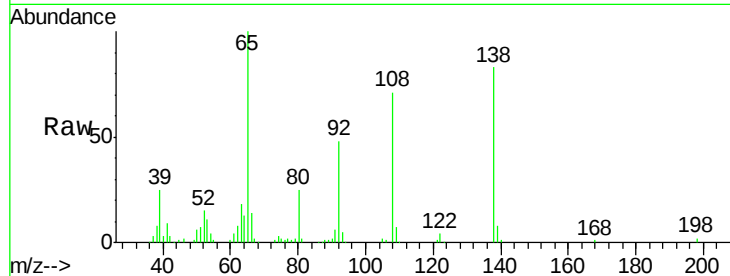




#61
4-Nitroaniline
Concen: 78.56 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.02 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

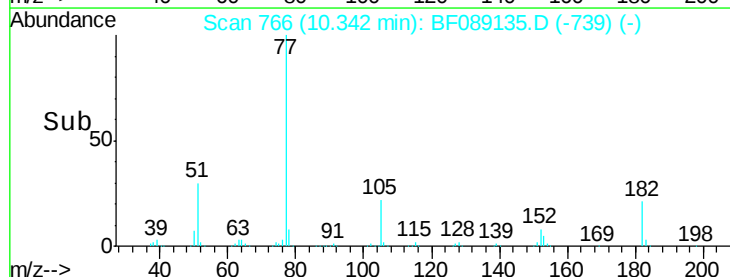
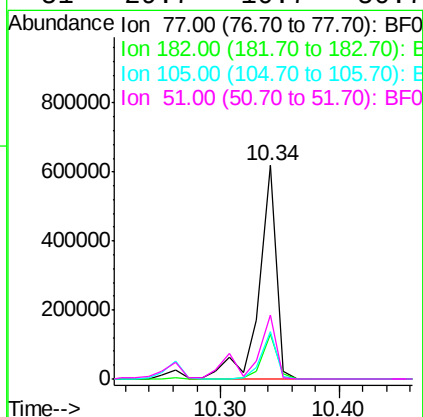
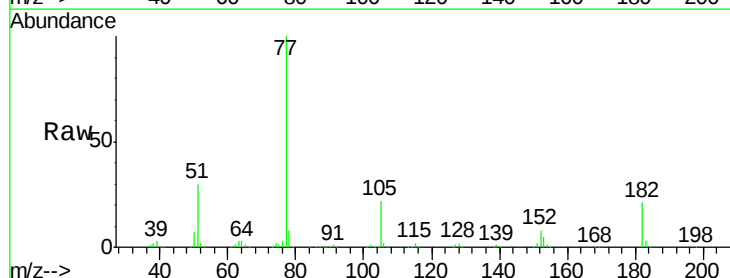
Instrument :
BNA_F
ClientSampleId :

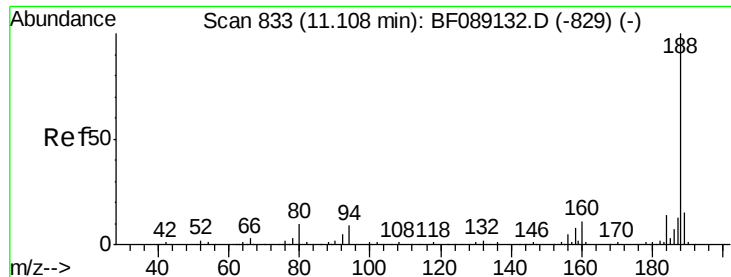
Tot Ion:138 Resp: 150031
Ion Ratio Lower Upper
138 100
92 57.7 37.2 77.2
108 85.5 66.1 106.1



#62
Azobenzene
Concen: 79.52 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion: 77 Resp: 631376
Ion Ratio Lower Upper
77 100
182 21.0 0.0 35.0
105 22.0 0.0 39.4
51 29.7 10.7 50.7

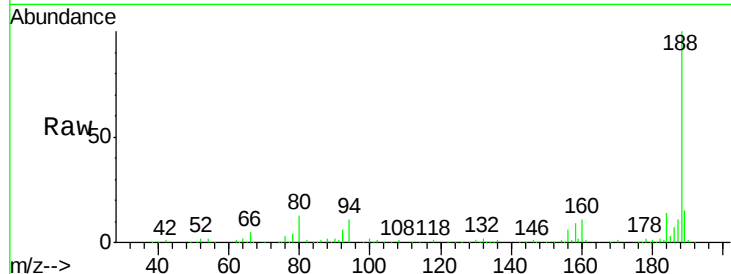




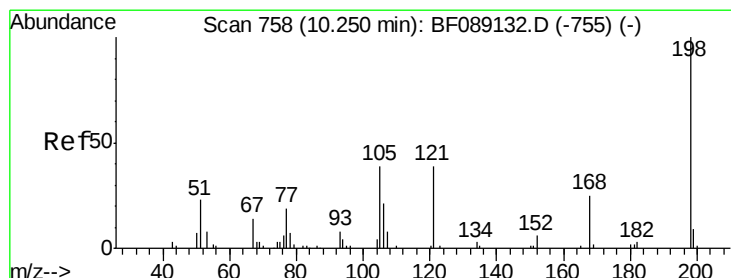
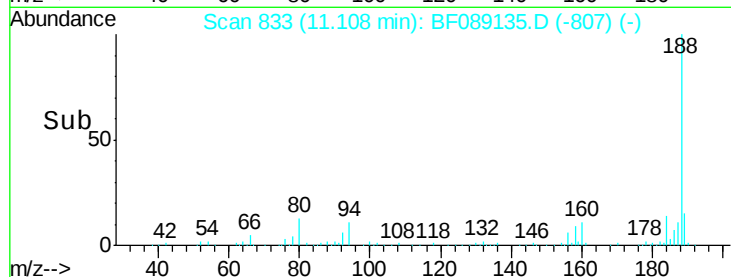
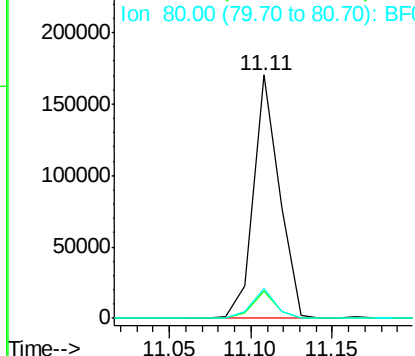
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 187610
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.4#
80 12.5 7.7 11.5#

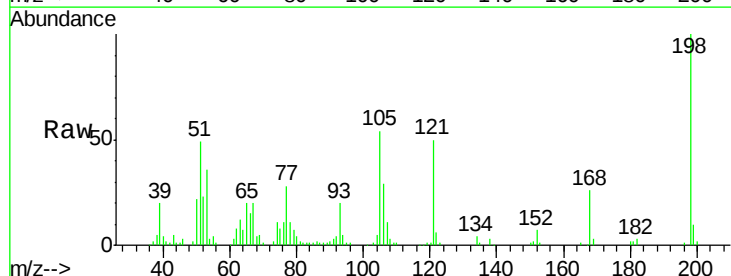


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

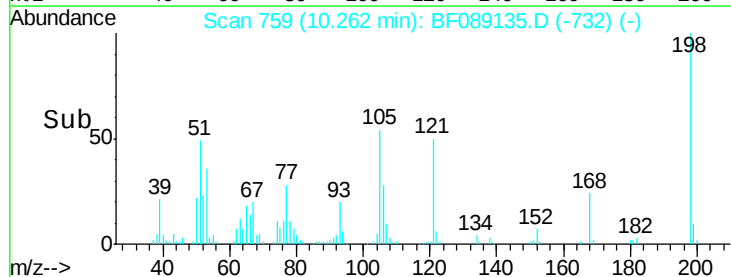
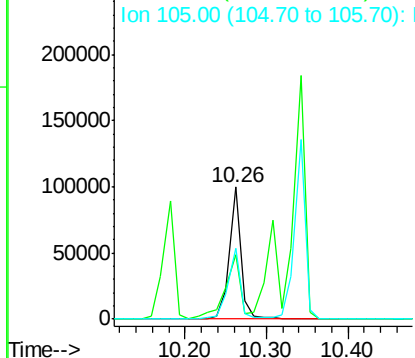


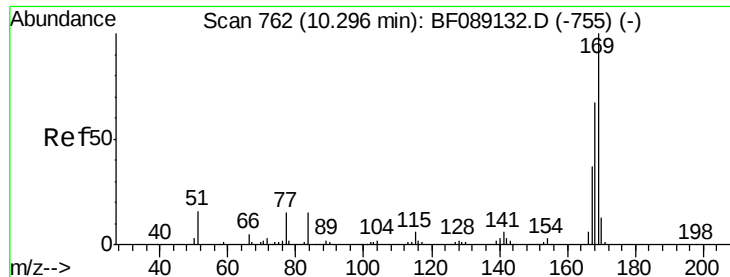
#64
4,6-Dinitro-2-methylphenol
Concen: 97.77 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion:198 Resp: 98880
Ion Ratio Lower Upper
198 100
51 49.0 11.7 51.7
105 53.5 20.3 60.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 73.84 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampleId :

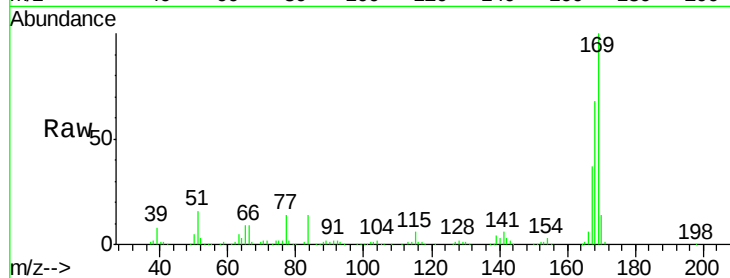
Tot Ion:169 Resp: 460792

Ion Ratio Lower Upper

169 100

168 68.4 53.4 80.0

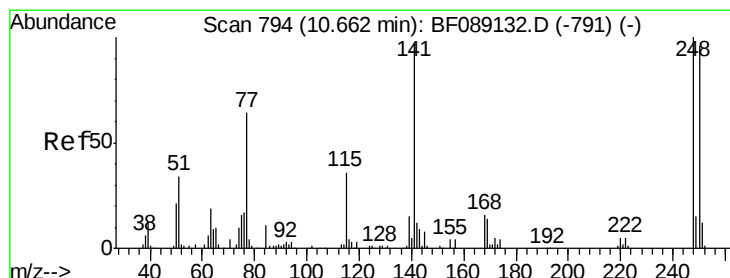
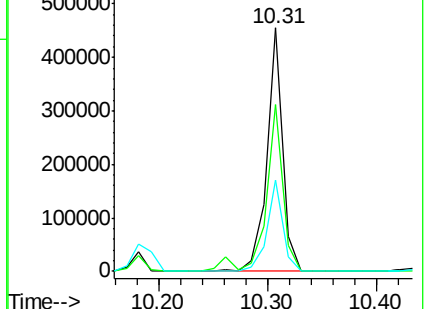
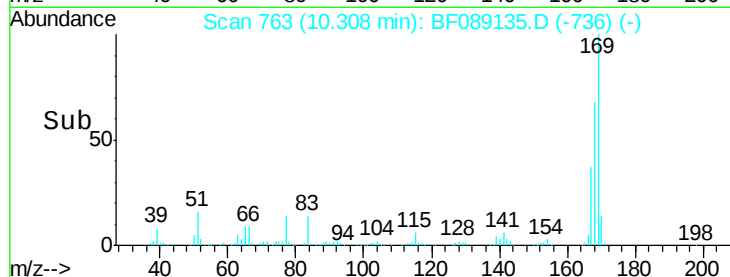
167 37.4 29.5 44.3



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: 80.24 ng

RT: 10.67 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

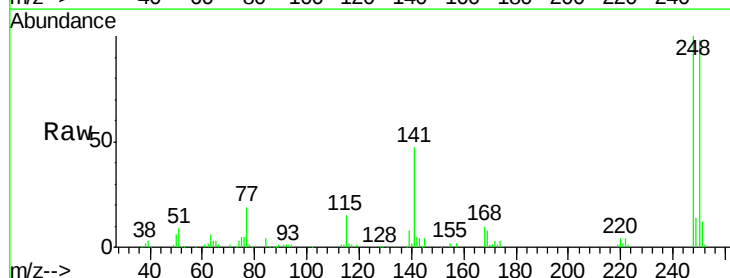
Tgt Ion:248 Resp: 151581

Ion Ratio Lower Upper

248 100

250 98.1 76.9 115.3

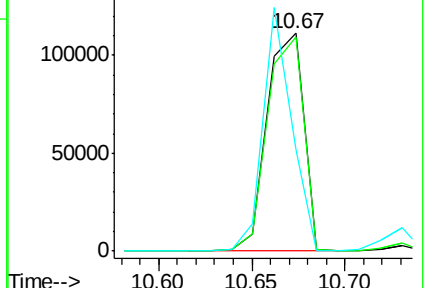
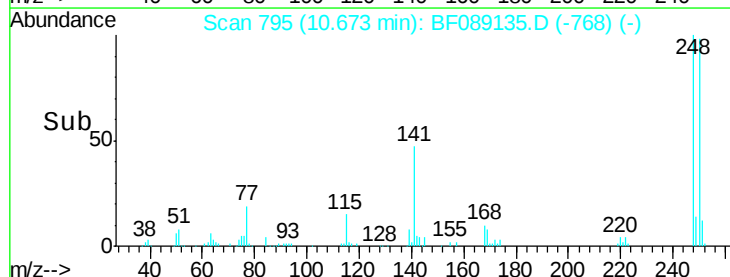
141 46.7 77.4 116.2#

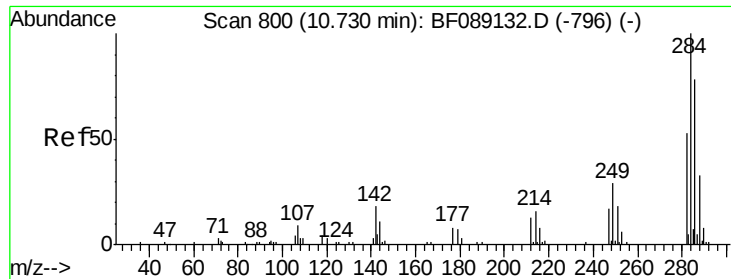


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

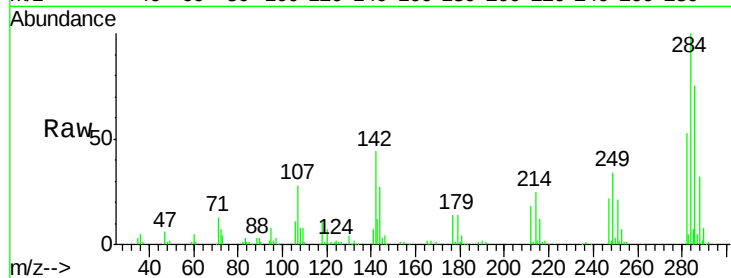




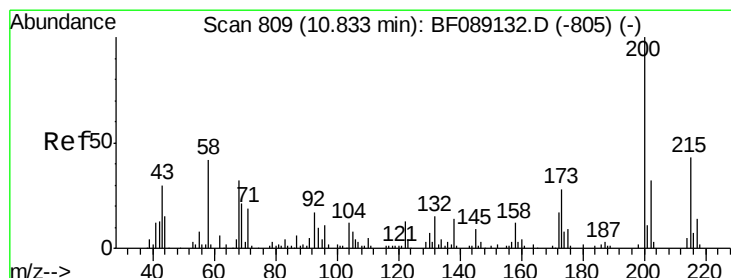
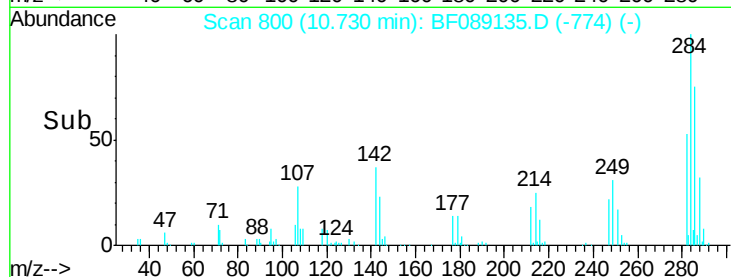
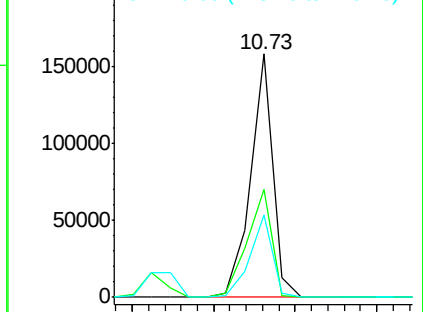
#67
Hexachlorobenzene
Concen: 72.32 ng
RT: 10.73 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 149011
Ion Ratio Lower Upper
284 100
142 44.1 14.1 21.1#
249 34.0 23.0 34.4

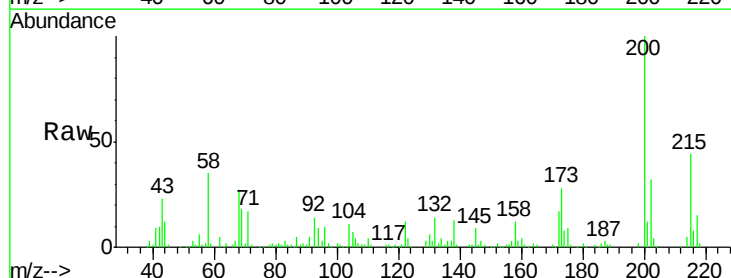


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

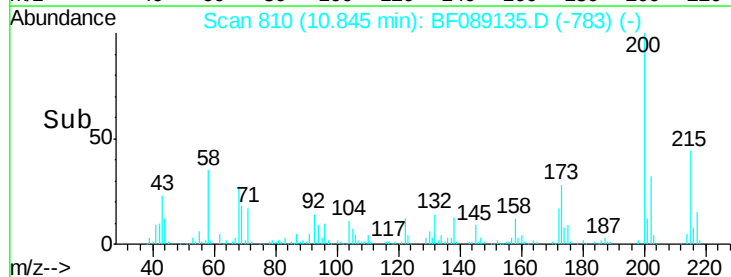
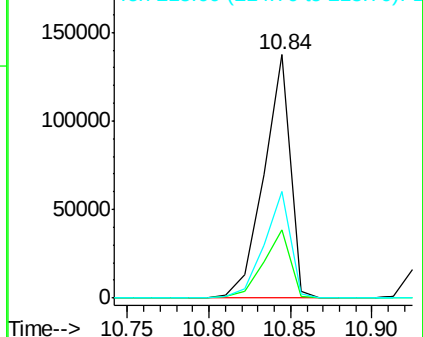


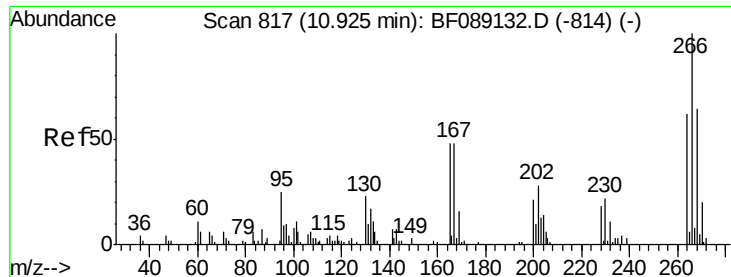
#68
Atrazine
Concen: 79.04 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion:200 Resp: 155064
Ion Ratio Lower Upper
200 100
173 27.9 7.8 47.8
215 43.9 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

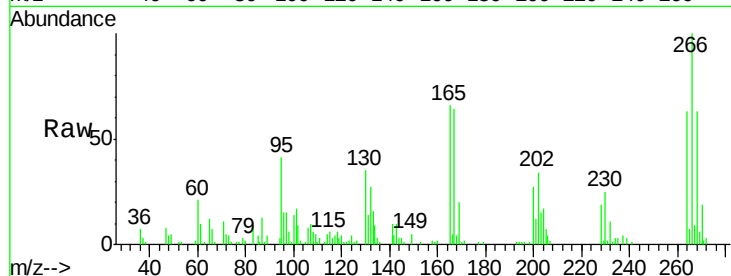




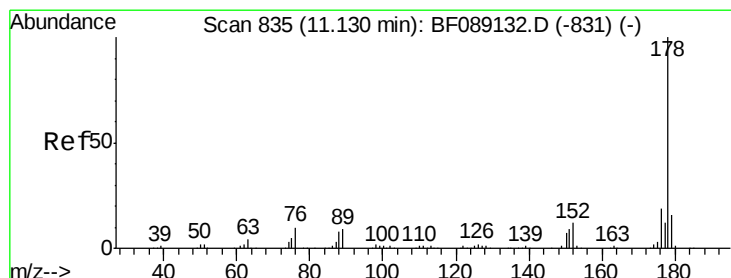
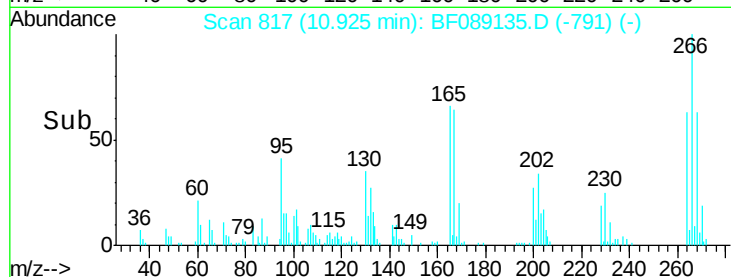
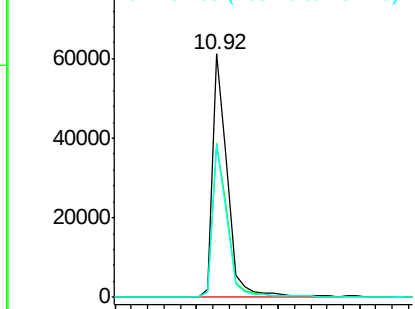
#69
 Pentachlorophenol
 Concen: 65.99 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 78410
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.2 76.8
 264 62.9 49.7 74.5

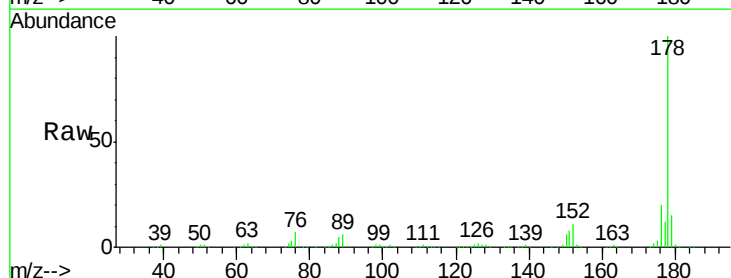


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

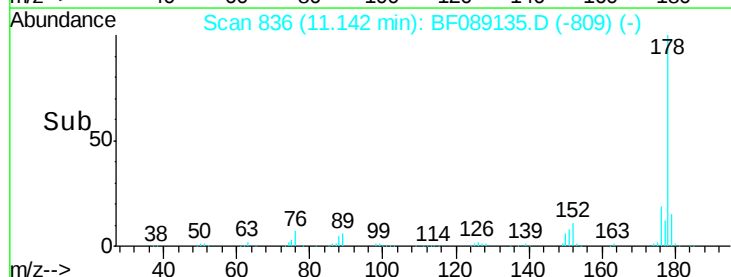
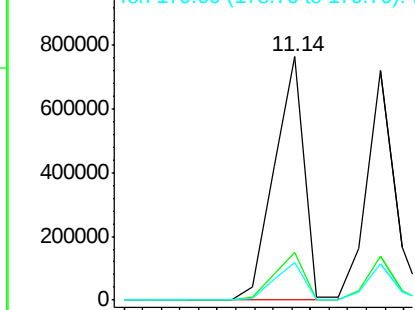


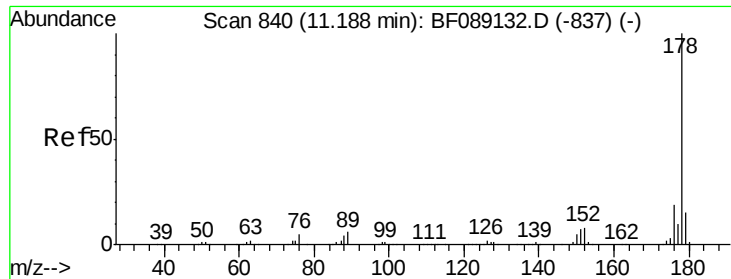
#70
 Phenanthrene
 Concen: 83.76 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Tgt Ion:178 Resp: 856222
 Ion Ratio Lower Upper
 178 100
 176 19.6 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

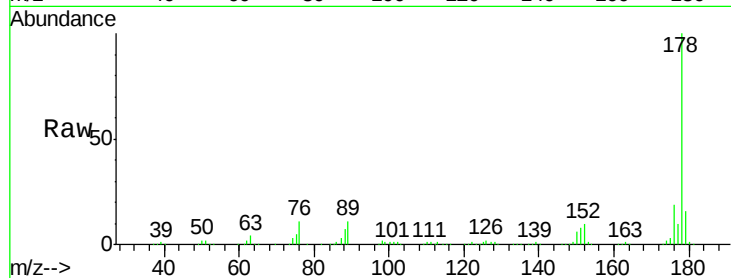




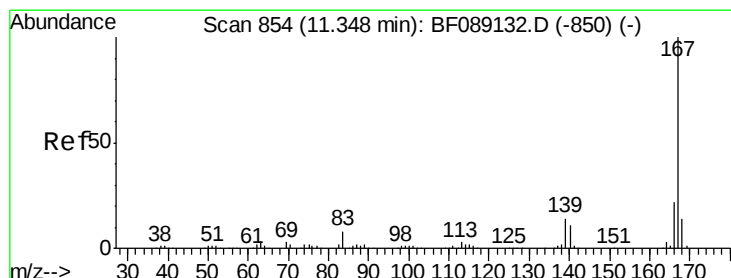
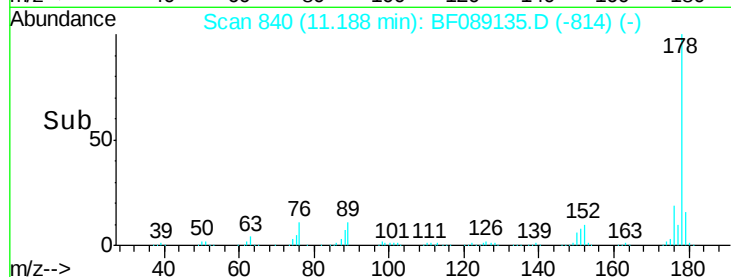
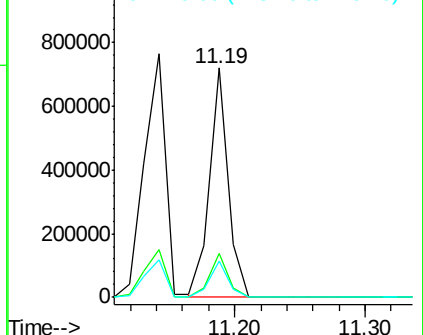
#71
 Anthracene
 Concen: 70.30 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 722016
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.9 22.3
 179 15.8 12.0 18.0

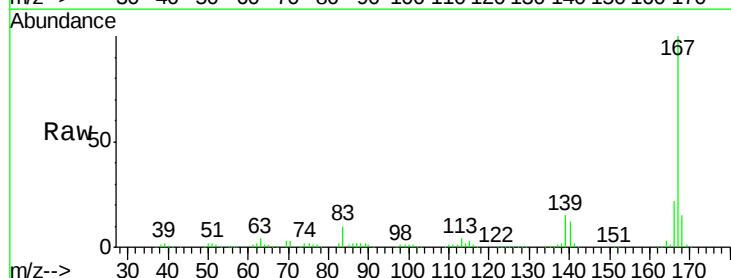


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

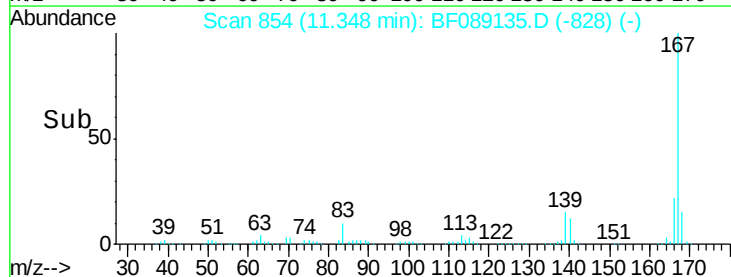
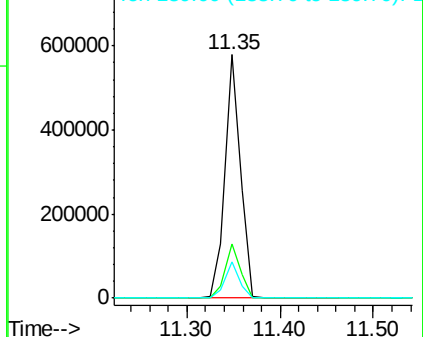


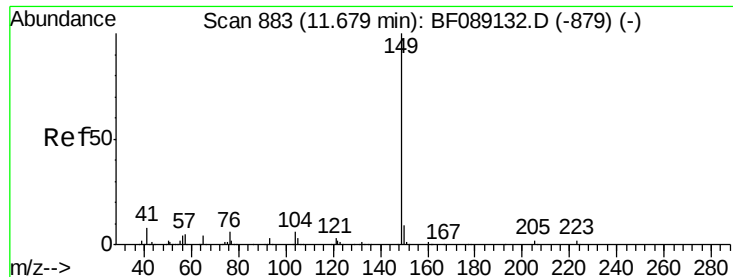
#72
 Carbazole
 Concen: 68.89 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Tgt Ion:167 Resp: 672671
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 14.8 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 86.33 ng

RT: 11.69 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampleId :

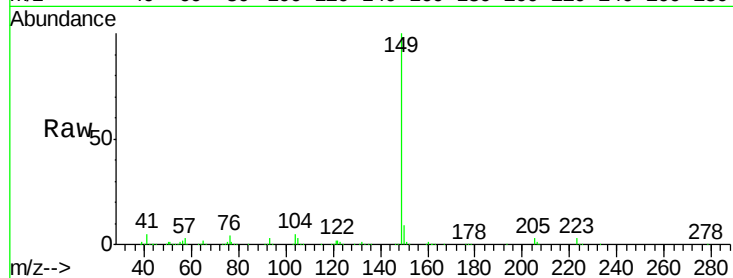
Tot Ion:149 Resp: 963348

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

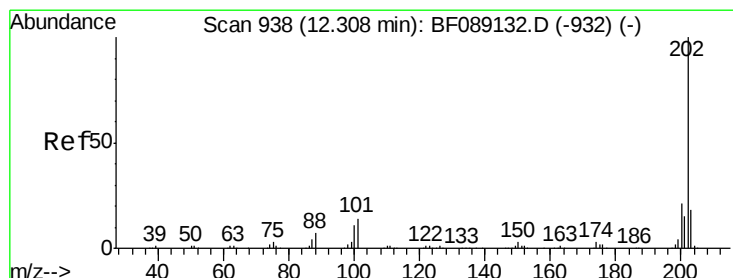
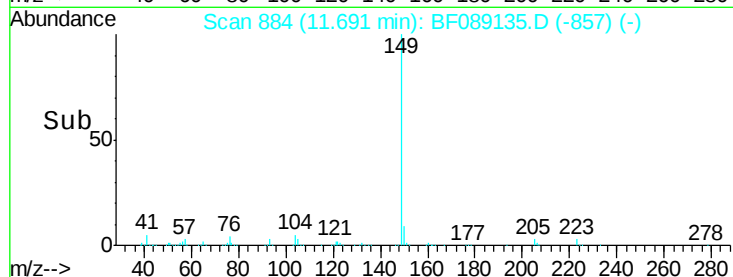
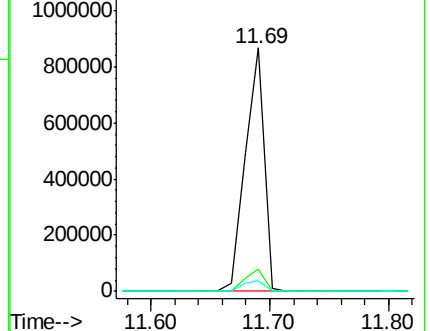
104 4.6 4.6 6.8



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: 87.18 ng

RT: 12.32 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

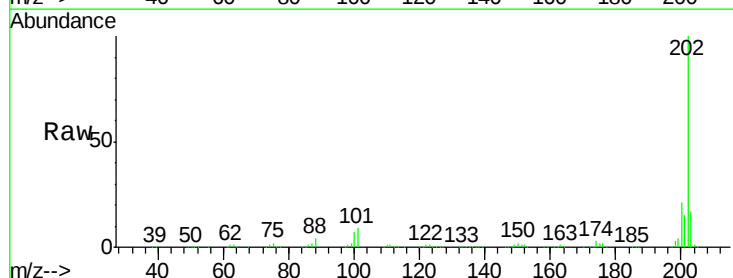
Tgt Ion:202 Resp: 892415

Ion Ratio Lower Upper

202 100

101 9.0 0.0 34.0

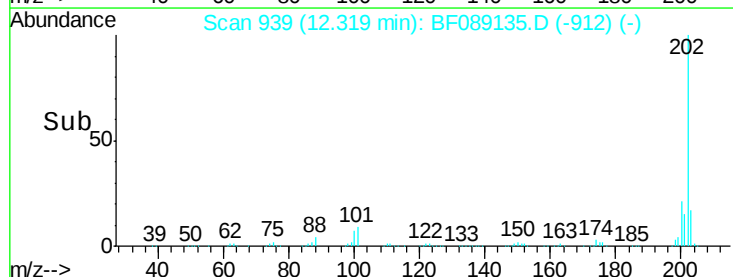
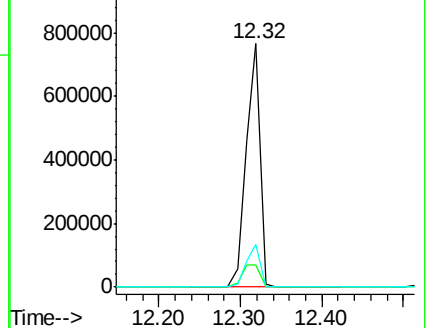
203 17.3 0.0 37.8

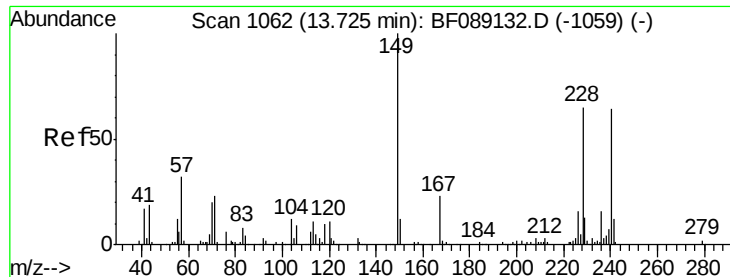


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.74 min Scan# 1063

Delta R.T. 0.01 min

Lab File: BF089135.D

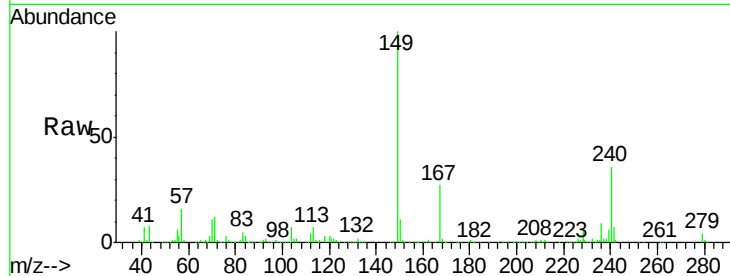
Acq: 20 Jul 2016 15:01

Instrument :

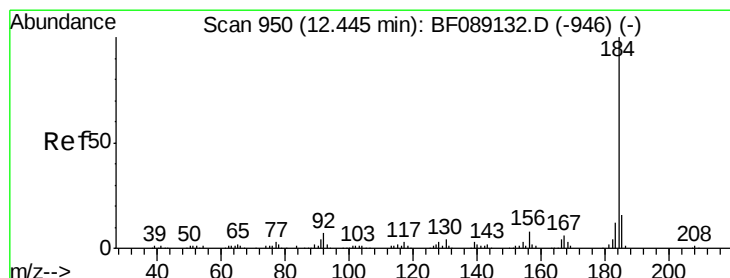
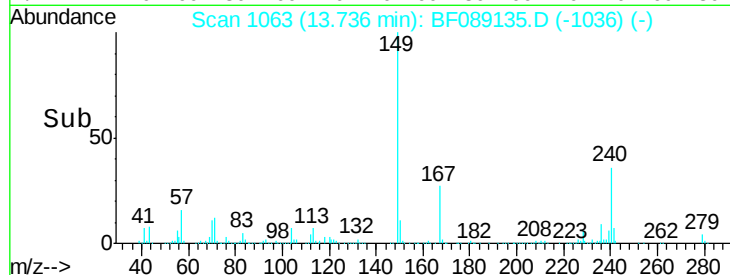
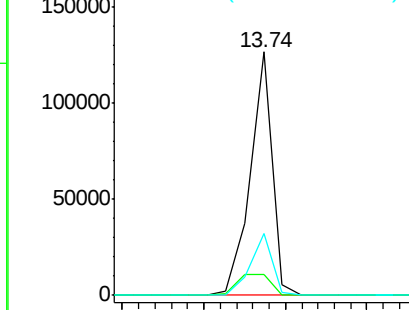
BNA_F

ClientSampleId :

Tot Ion:	240	Resp:	118312
Ion Ratio	Lower	Upper	
240	100		
120	8.8	13.6	20.4#
236	25.2	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: 53.94 ng

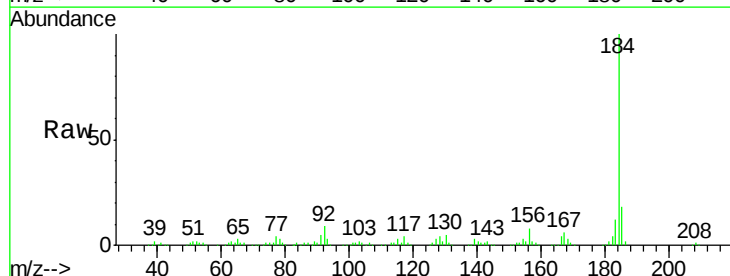
RT: 12.44 min Scan# 950

Delta R.T. 0.00 min

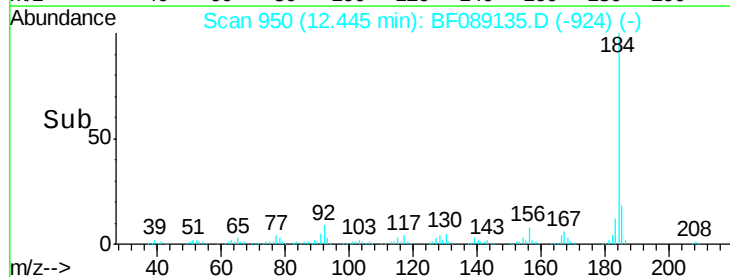
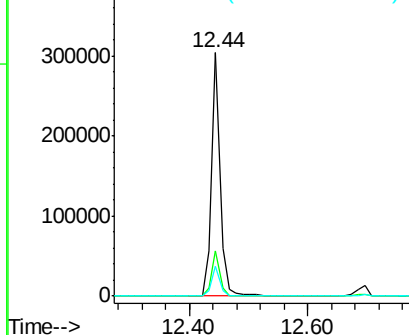
Lab File: BF089135.D

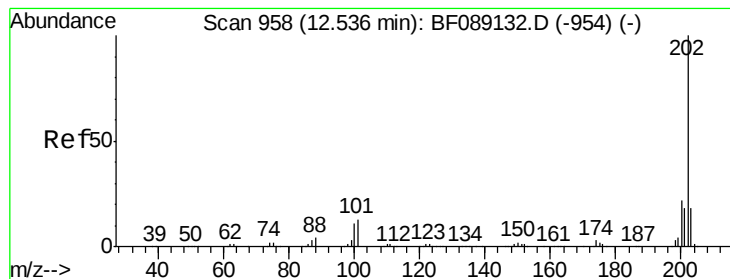
Acq: 20 Jul 2016 15:01

Tgt Ion:	184	Resp:	306415
Ion Ratio	Lower	Upper	
184	100		
185	18.4	12.5	18.7
183	12.1	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: 85.52 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampleId :

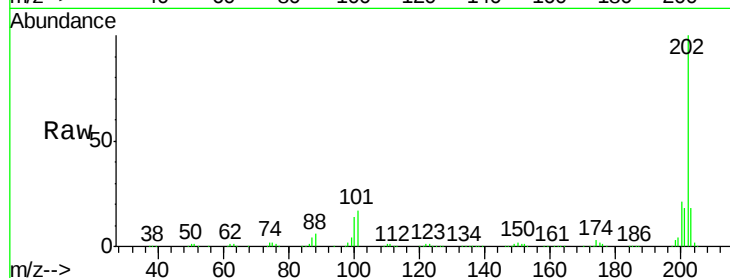
Tot Ion:202 Resp: 849906

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.0

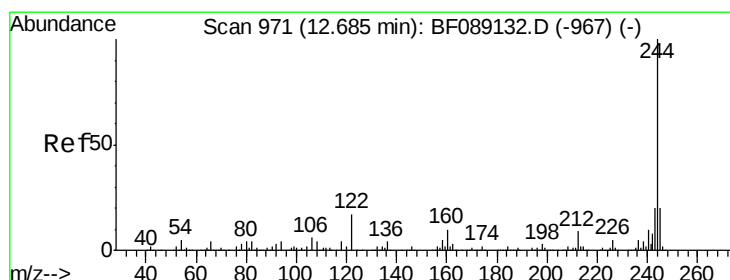
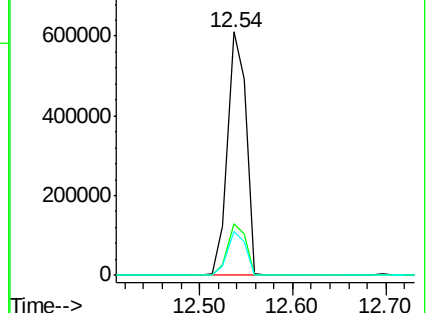
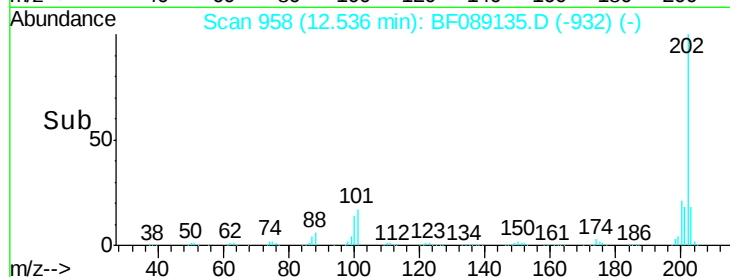
203 17.9 14.2 21.2



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: 164.80 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

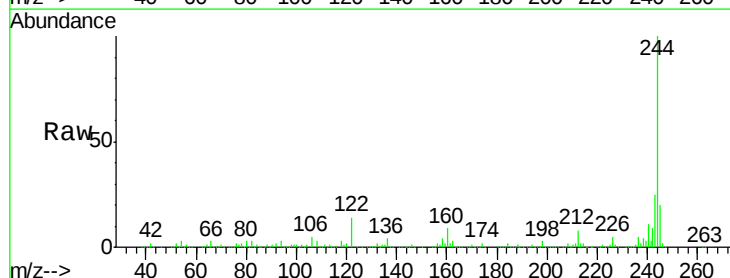
Tgt Ion:244 Resp: 868502

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

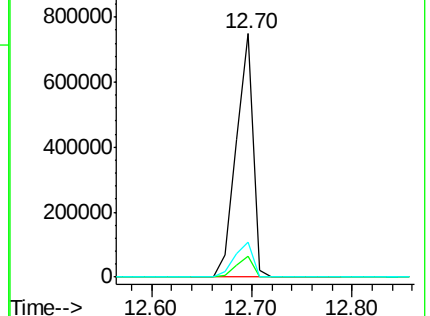
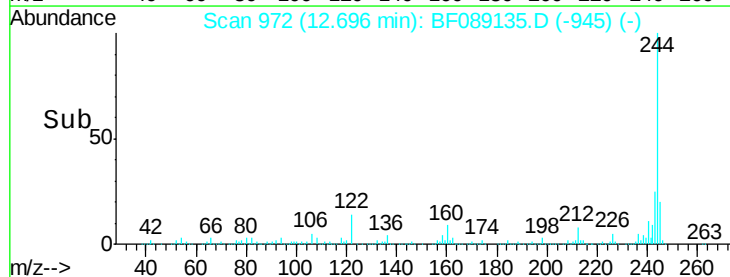
122 14.4 13.8 20.8

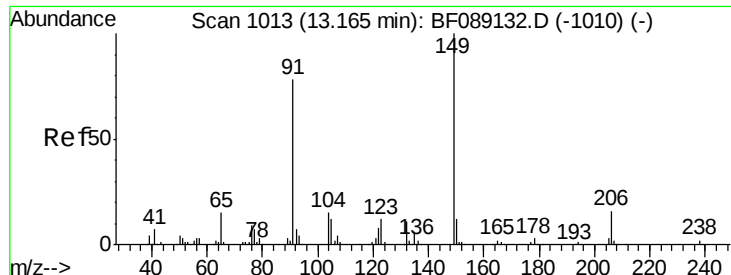


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

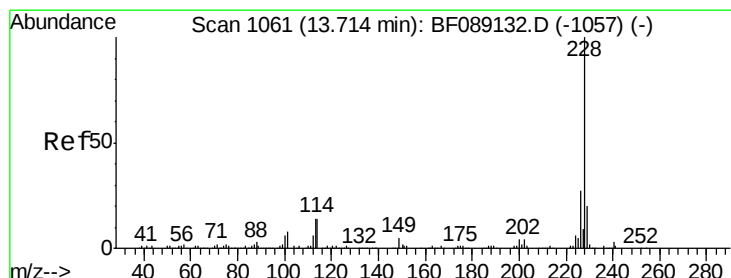
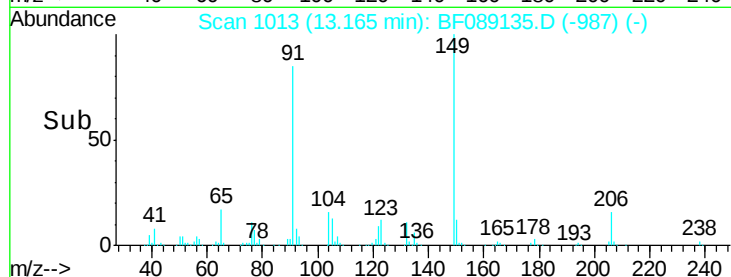
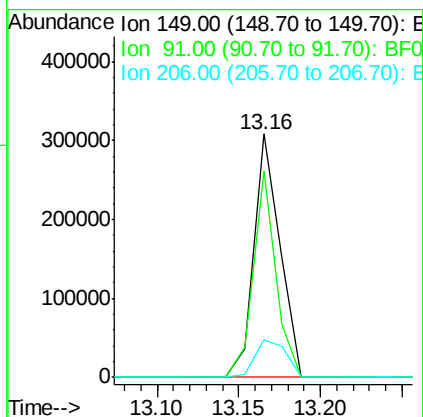
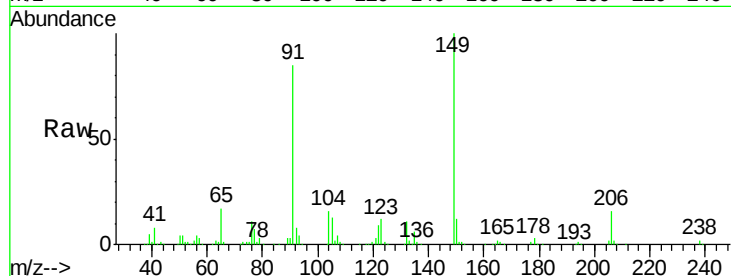




#79
Butylbenzylphthalate
Concen: 76.93 ng
RT: 13.16 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

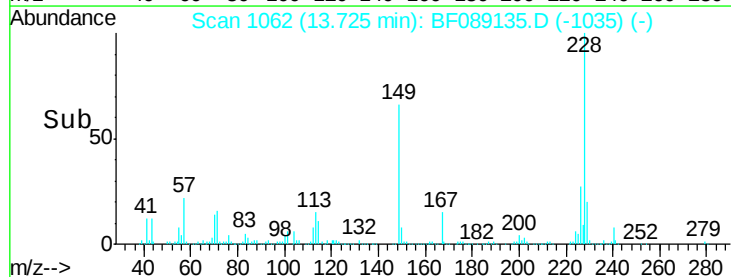
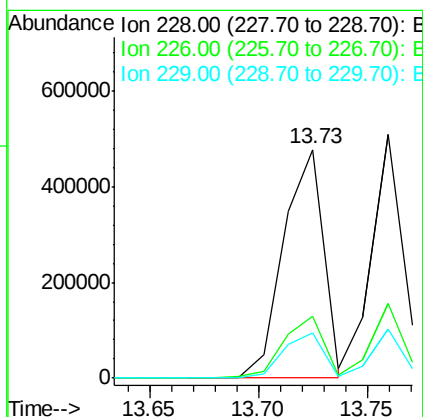
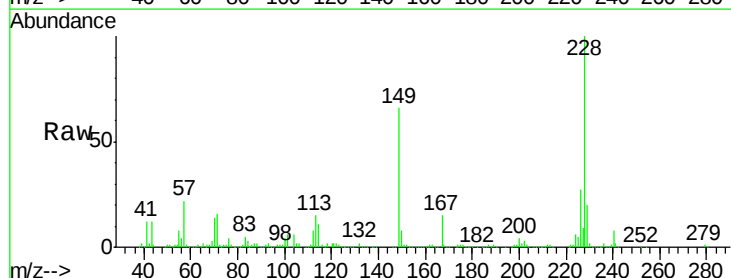
Instrument :
BNA_F
ClientSampleId :

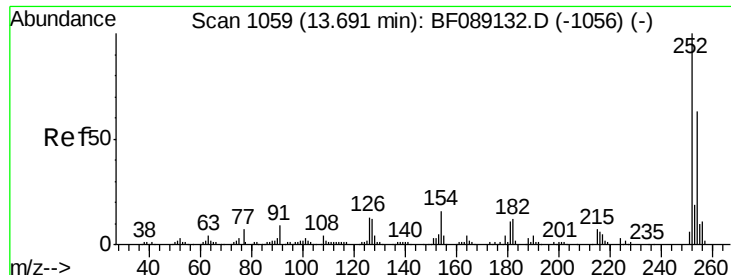
Tot Ion:149 Resp: 340864
Ion Ratio Lower Upper
149 100
91 85.0 62.6 93.8
206 15.7 13.2 19.8



#80
Benzo(a)anthracene
Concen: 81.28 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion:228 Resp: 615413
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.6 15.8 23.8

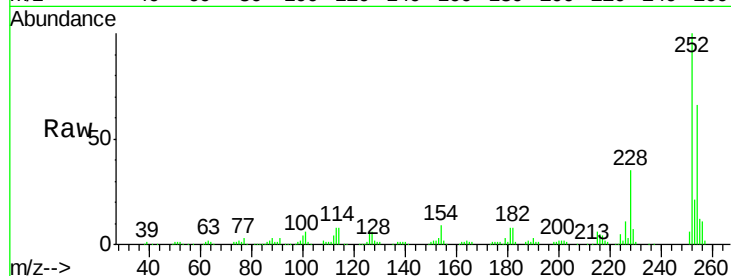




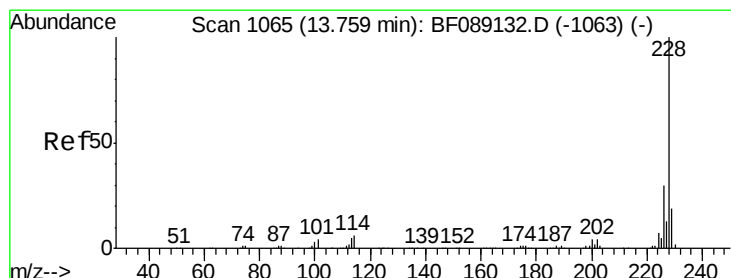
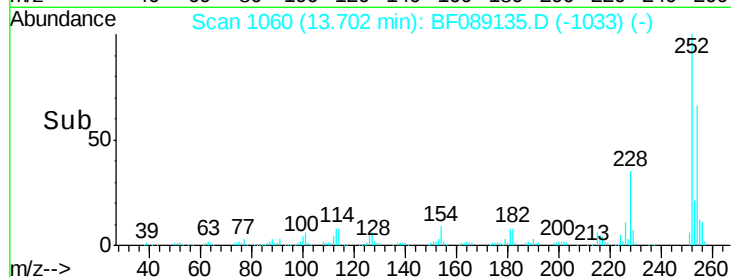
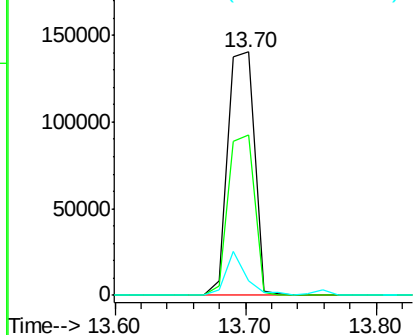
#81
 3,3'-Dichlorobenzidine
 Concen: 69.48 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 199111
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.4 75.6
 126 5.9 10.2 15.2#

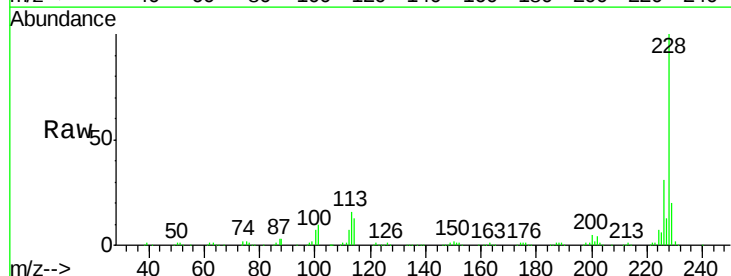


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

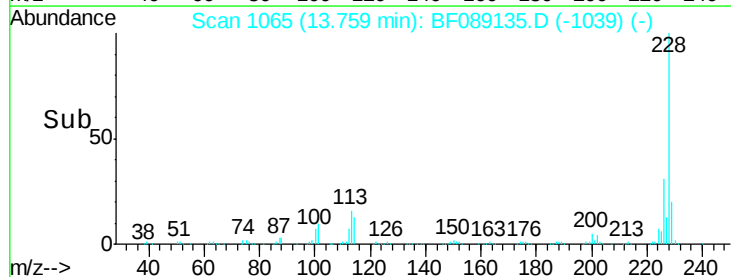
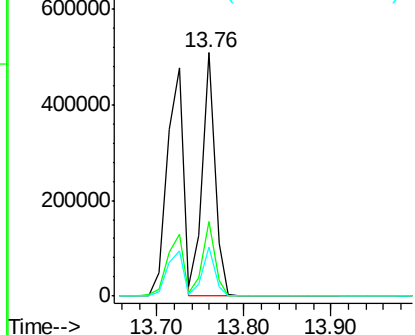


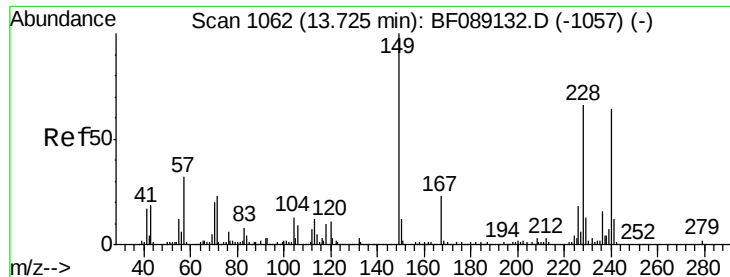
#82
 Chrysene
 Concen: 68.82 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Tgt Ion:228 Resp: 518854
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.8 35.8
 229 20.2 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: 92.74 ng

RT: 13.74 min Scan# 1063

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

Instrument :

BNA_F

ClientSampleId :

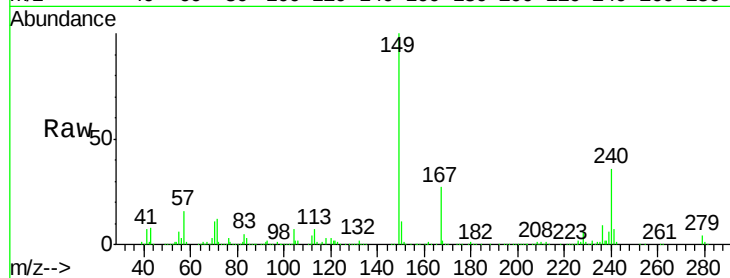
Tot Ion:149 Resp: 471837

Ion Ratio Lower Upper

149 100

167 26.9 18.6 28.0

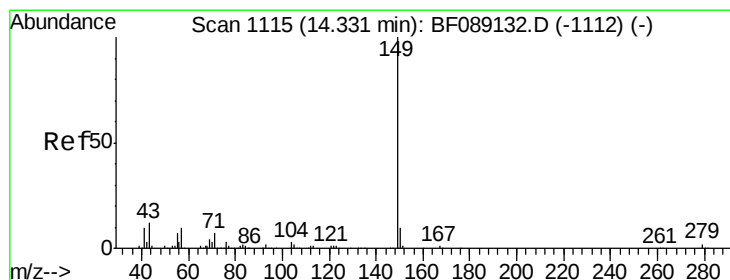
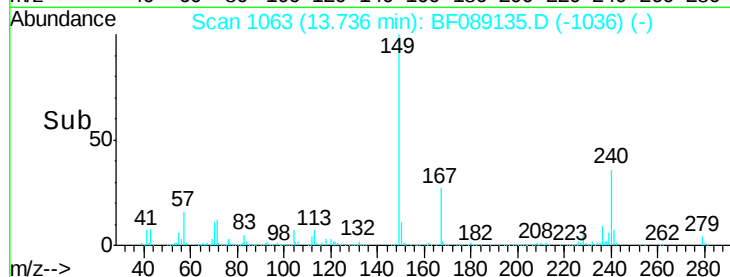
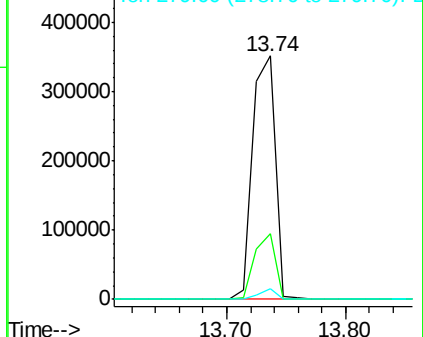
279 4.1 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 87.09 ng

RT: 14.34 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF089135.D

Acq: 20 Jul 2016 15:01

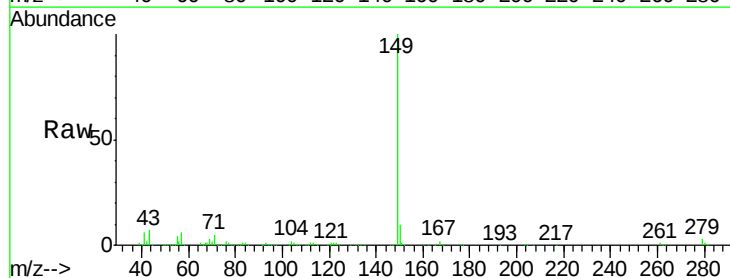
Tgt Ion:149 Resp: 752418

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

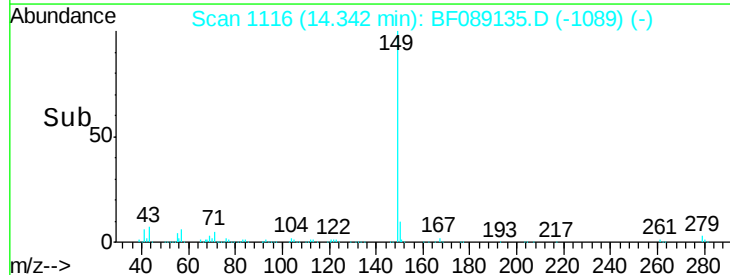
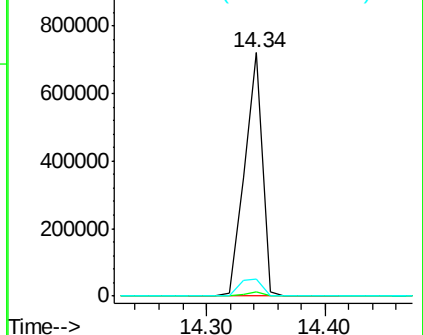
43 9.1 7.3 10.9

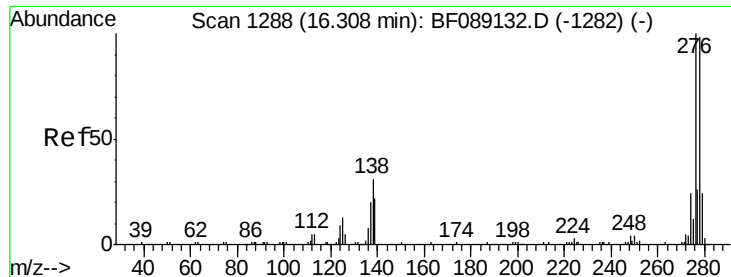


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

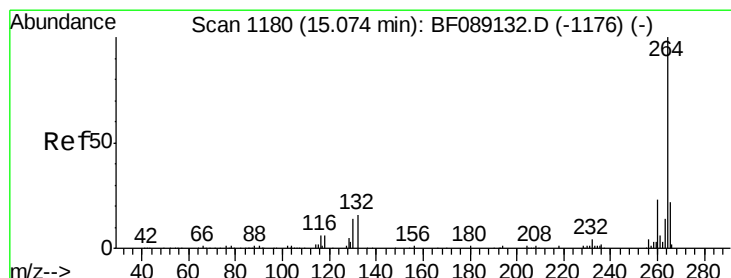
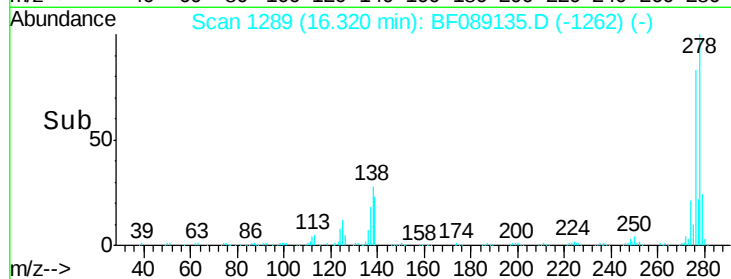
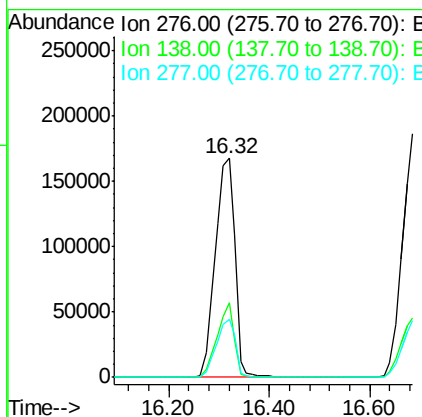
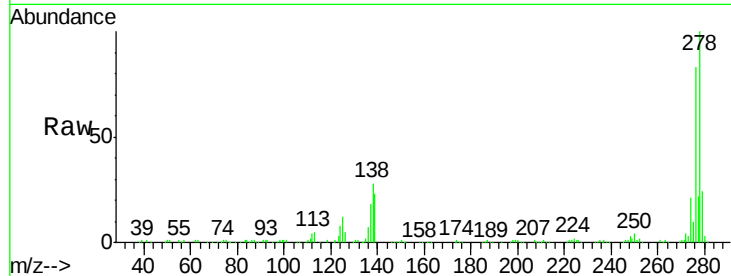




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 79.20 ng
 RT: 16.32 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

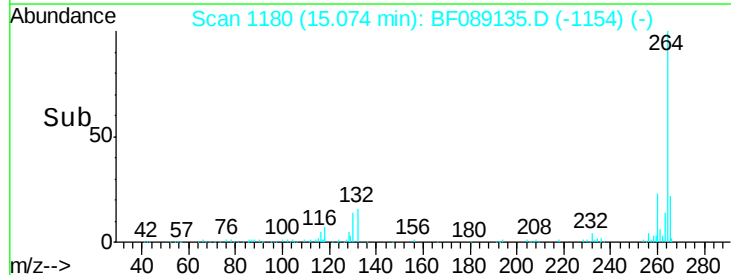
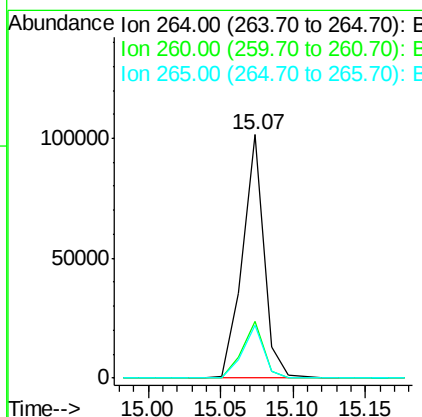
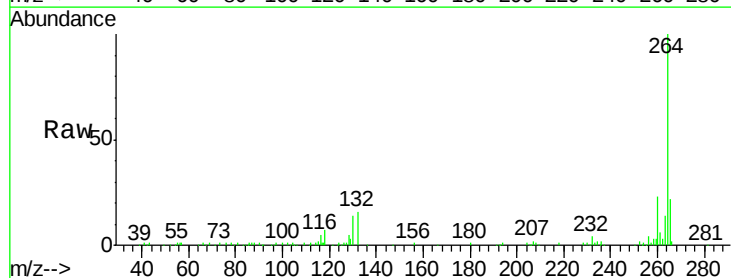
Instrument :
 BNA_F
 ClientSampleId :

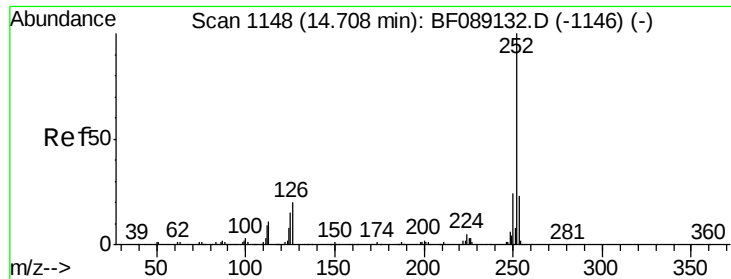
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.7	35.5
277	25.8	20.6	31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.5	17.3	25.9

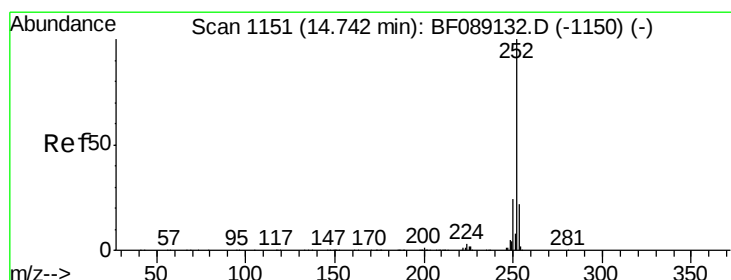
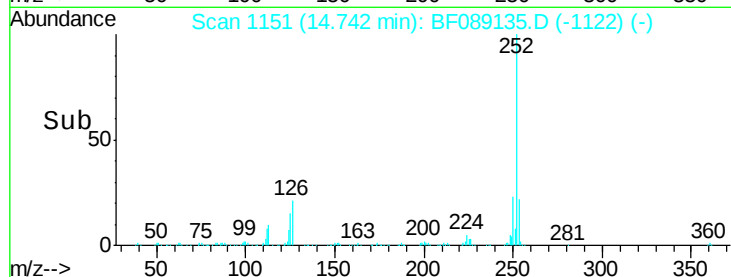
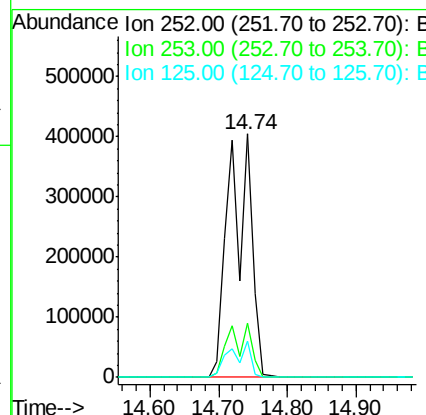
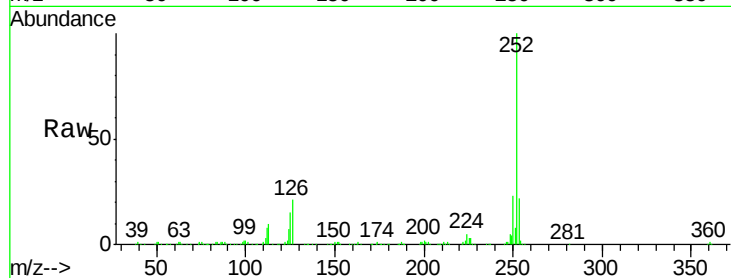




#87
Benzo(b)fluoranthene
Concen: 136.80 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.03 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

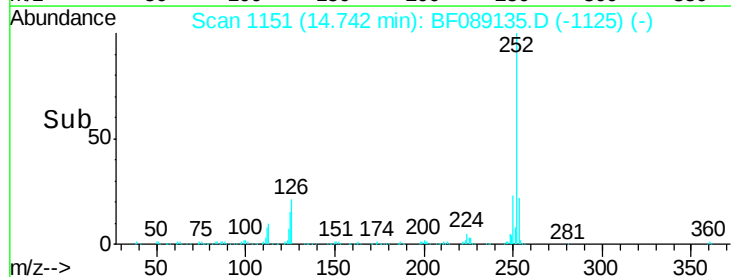
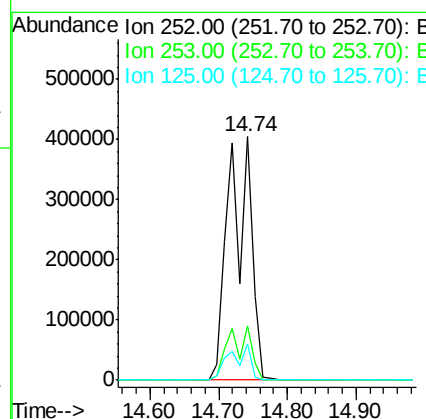
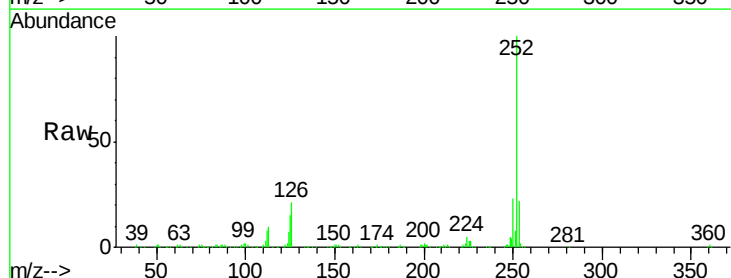
Instrument :
BNA_F
ClientSampled :

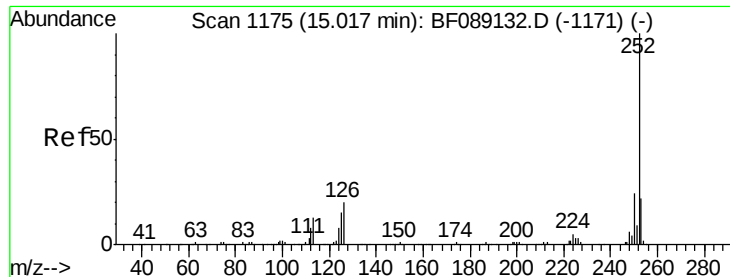
Tot Ion:252 Resp: 939733
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 14.8 11.9 17.9



#88
Benzo(k)fluoranthene
Concen: 171.53 ng
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion:252 Resp: 939733
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 14.8 6.3 9.5#

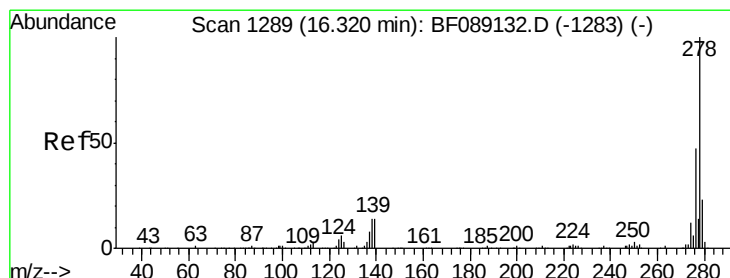
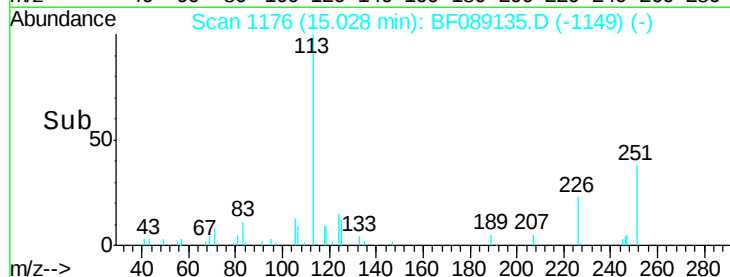
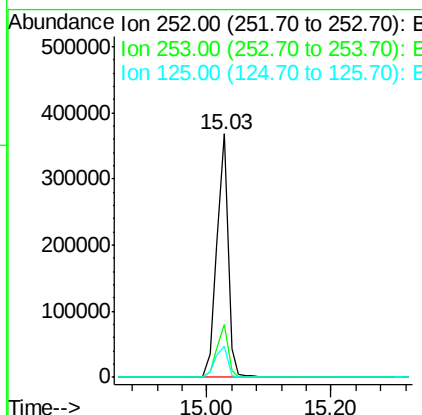
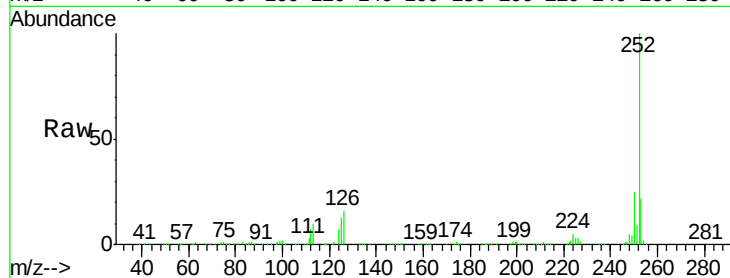




#89
Benzo(a)pyrene
Concen: 81.68 ng
RT: 15.03 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

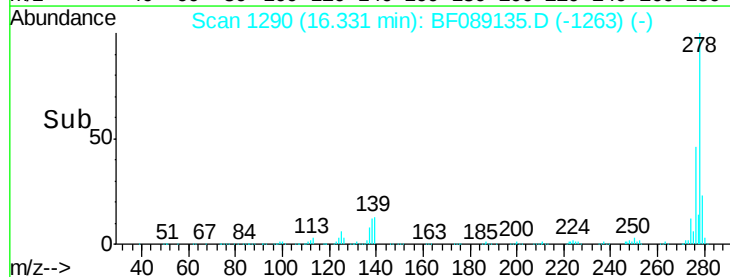
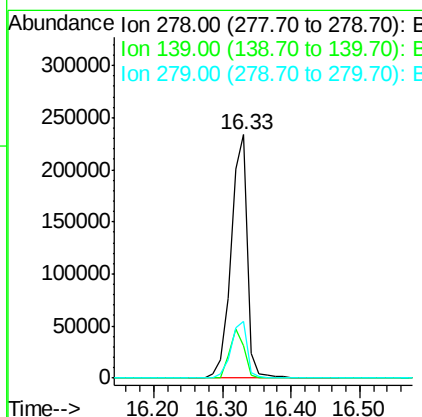
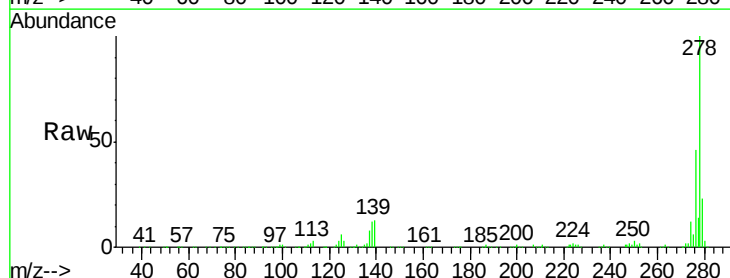
Instrument :
BNA_F
ClientSampleId :

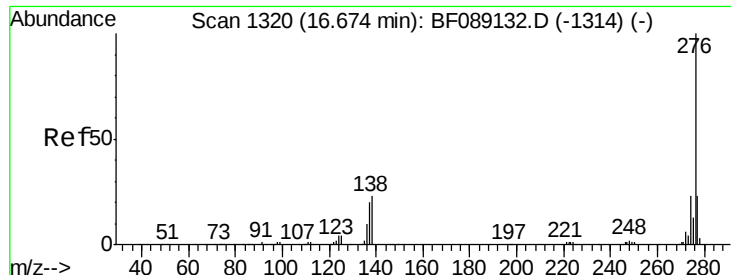
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	12.8	12.4	18.6



#90
Dibenzo(a,h)anthracene
Concen: 84.82 ng
RT: 16.33 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF089135.D
Acq: 20 Jul 2016 15:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	11.4	17.2
279	23.3	18.4	27.6

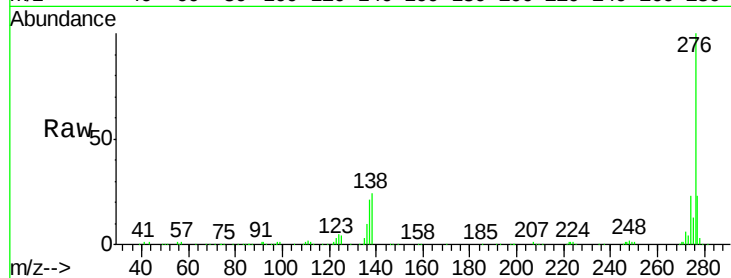




#91
 Benzo(a,h,i)perylene
 Concen: 83.07 ng
 RT: 16.69 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF089135.D
 Acq: 20 Jul 2016 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	24.2	18.5	27.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

