

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081069.D
 Acq On : 19 Aug 2015 6:24
 Operator : UM/IZ
 Sample : G3289-11MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 07:25:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	59510	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	234411	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	107087	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	239603	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	191393	20.00	ng	-0.02
86) Perylene-d12	15.07	264	172162	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	289762	73.24	ng	-0.01
7) Phenol-d6	6.25	99	399113	77.31	ng	-0.01
23) Nitrobenzene-d5	7.18	82	272421	53.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	73738	79.44	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	390299	47.76	ng	-0.02
78) Terphenyl-d14	12.69	244	416821	46.69	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.06	88	39754	21.32	ng	96
3) Pyridine	2.71	79	64636	12.28	ng	83
4) n-Nitrosodimethylamine	2.63	42	65401	22.32	ng	# 82
6) Aniline	6.26	93	134604	17.93	ng	# 14
8) 2-Chlorophenol	6.39	128	123141	28.43	ng	90
9) Benzaldehyde	6.15	77	72091	21.66	ng	89
10) Phenol	6.26	94	151702	24.88	ng	95
11) bis(2-Chloroethyl)ether	6.35	93	131054	28.01	ng	96
12) 1,3-Dichlorobenzene	6.55	146	111048	23.86	ng	95
13) 1,4-Dichlorobenzene	6.63	146	110444	23.97	ng	97
14) 1,2-Dichlorobenzene	6.78	146	113865	26.40	ng	92
15) Benzyl Alcohol	6.75	79	105082	25.16	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	251739	27.38	ng	100
17) 2-Methylphenol	6.88	107	103592	27.88	ng	94
18) Hexachloroethane	7.12	117	45639	24.51	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	94761	26.50	ng	97
20) 3+4-Methylphenols	7.04	107	129481	27.45	ng	# 42
22) Acetophenone	7.03	105	178291	28.97	ng	# 89
24) Nitrobenzene	7.19	77	132124	24.63	ng	93
25) Isophorone	7.44	82	258654	27.03	ng	97
26) 2-Nitrophenol	7.51	139	55296	24.78	ng	# 90
27) 2,4-Dimethylphenol	7.56	122	115708	29.31	ng	91
28) bis(2-Chloroethoxy)methane	7.66	93	150620	26.64	ng	99
29) 2,4-Dichlorophenol	7.76	162	95990	28.88	ng	95
30) 1,2,4-Trichlorobenzene	7.84	180	98090	26.56	ng	99
31) Naphthalene	7.92	128	324966	24.87	ng	100
32) Benzoic acid	7.64	122	18306	8.24	ng	# 87
33) 4-Chloroaniline	7.96	127	95780	17.37	ng	97
34) Hexachlorobutadiene	8.03	225	52030	24.91	ng	94
35) Caprolactam	8.33	113	20962	18.05	ng	# 72
36) 4-Chloro-3-methylphenol	8.46	107	114382	28.88	ng	97
37) 2-Methylnaphthalene	8.60	142	236784	28.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	84603	24.49	ng	99
40) Hexachlorocyclopentadiene	8.76	237	89465	50.03	ng	98

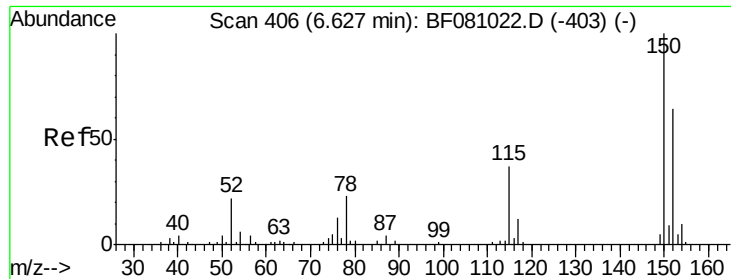
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	63790	26.13	nq	99
43) 2,4,5-Trichlorophenol	8.92	196	73749	30.23	nq	97
45) 1,1'-Biphenyl	9.07	154	261153	27.69	nq	98
46) 2-Chloronaphthalene	9.08	162	190805	25.18	nq	# 91
47) 2-Nitroaniline	9.19	65	96966	31.27	nq	92
48) Acenaphthylene	9.50	152	334452	24.67	nq	99
49) Dimethylphthalate	9.38	163	355950	40.36	nq	98
50) 2,6-Dinitrotoluene	9.44	165	54353	28.71	nq	# 74
51) Acenaphthene	9.67	154	206197	25.41	nq	99
52) 3-Nitroaniline	9.60	138	61270	25.86	nq	83
53) 2,4-Dinitrophenol	9.70	184	35157	38.55	nq	# 78
54) Dibenzofuran	9.84	168	277966	25.56	nq	93
55) 4-Nitrophenol	9.77	139	103066	61.93	nq	# 75
56) 2,4-Dinitrotoluene	9.83	165	67358	26.84	nq	# 68
57) Fluorene	10.18	166	242618	29.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	59030	31.26	nq	96
59) Diethylphthalate	10.08	149	275537	29.52	nq	# 93
60) 4-Chlorophenyl-phenylether	10.18	204	113321	32.01	nq	92
61) 4-Nitroaniline	10.20	138	63194	26.09	nq	92
62) Azobenzene	10.34	77	323914	30.11	nq	90
64) 4,6-Dinitro-2-methylphenol	10.24	198	40295	28.16	nq	# 50
65) n-Nitrosodiphenylamine	10.30	169	205161	23.99	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	59018	25.07	nq	# 64
67) Hexachlorobenzene	10.72	284	60059	25.19	nq	# 65
68) Atrazine	10.83	200	75536	31.70	nq	99
69) Pentachlorophenol	10.92	266	70769	49.48	nq	97
70) Phenanthrene	11.13	178	342545	24.12	nq	99
71) Anthracene	11.19	178	360945	26.12	nq	97
72) Carbazole	11.34	167	346848	26.07	nq	98
73) Di-n-butylphthalate	11.69	149	502721	31.23	nq	99
74) Fluoranthene	12.31	202	386511	25.22	nq	94
76) Benzidine	12.45	184	180200	24.92	nq	98
77) Pyrene	12.54	202	430000	27.64	nq	99
79) Butylbenzylphthalate	13.18	149	214011	32.00	nq	99
80) Benzo(a)anthracene	13.71	228	348646	27.16	nq	100
81) 3,3'-Dichlorobenzidine	13.69	252	110778	26.64	nq	# 96
82) Chrysene	13.75	228	305472	26.41	nq	100
83) Bis(2-ethylhexyl)phthalate	13.74	149	321207	37.50	nq	# 98
84) Di-n-octyl phthalate	14.34	149	544082	41.79	nq	100
85) Indeno(1,2,3-cd)pyrene	16.29	276	253022	31.15	nq	# 94
87) Benzo(b)fluoranthene	14.71	252	570631	46.86	nq	# 97
88) Benzo(k)fluoranthene	14.71	252	570631	50.29	nq	99
89) Benzo(a)pyrene	15.02	252	268891	25.34	nq	# 96
90) Dibenzo(a,h)anthracene	16.30	278	214140	25.90	nq	# 94
91) Benzo(g,h,i)perylene	16.65	276	203766	24.29	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

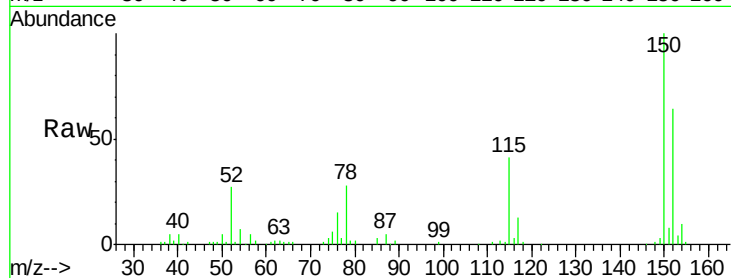
Tot Ion:152 Resp: 59510

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

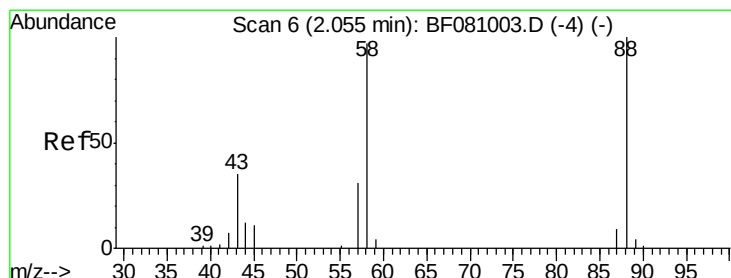
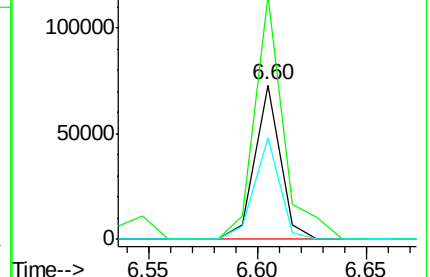
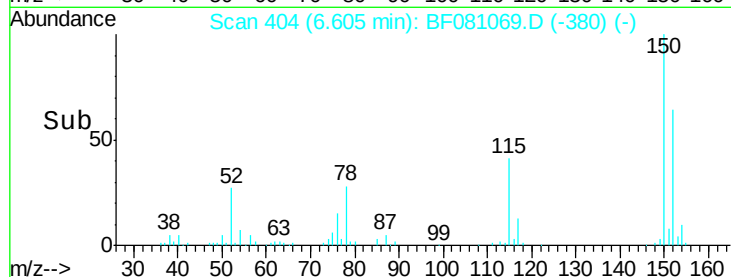
115 65.3 52.1 78.1



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: 21.32 ng

RT: 2.06 min Scan# 6

Delta R.T. 0.00 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

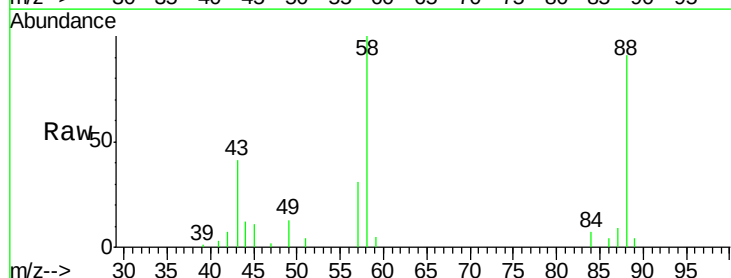
Tgt Ion: 88 Resp: 39754

Ion Ratio Lower Upper

88 100

58 102.1 83.7 125.5

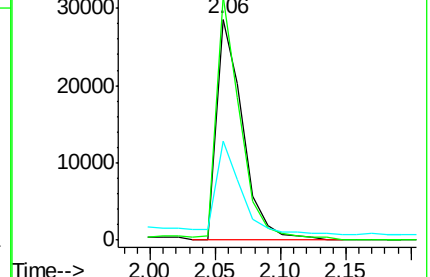
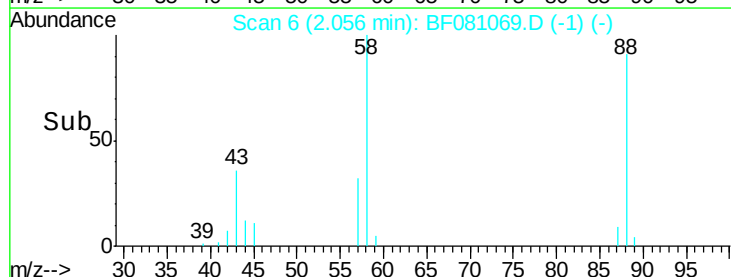
43 41.6 37.5 56.3

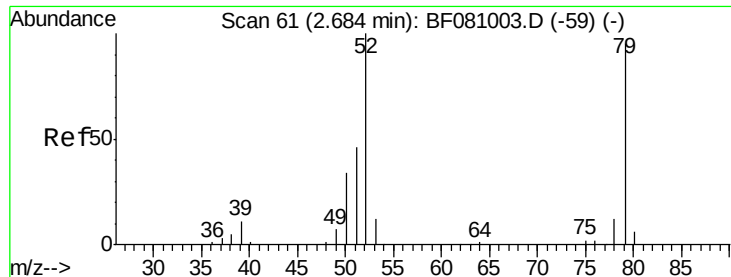


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 12.28 ng

RT: 2.71 min Scan# 63

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

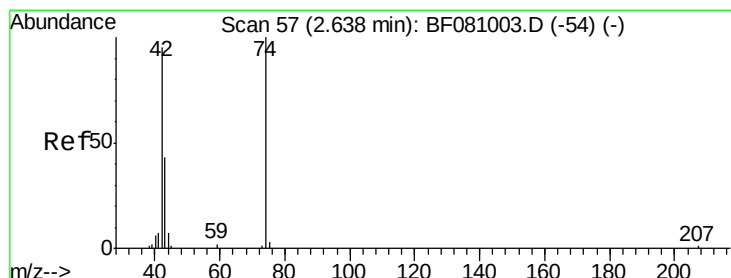
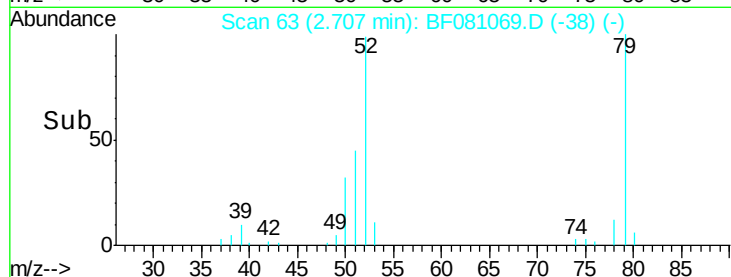
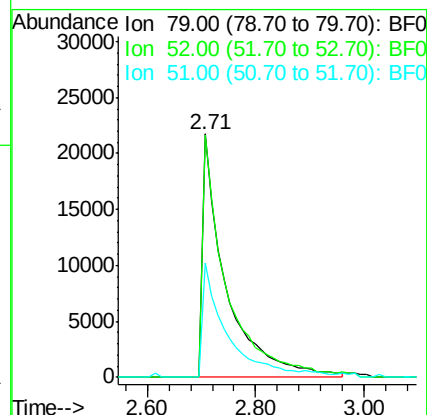
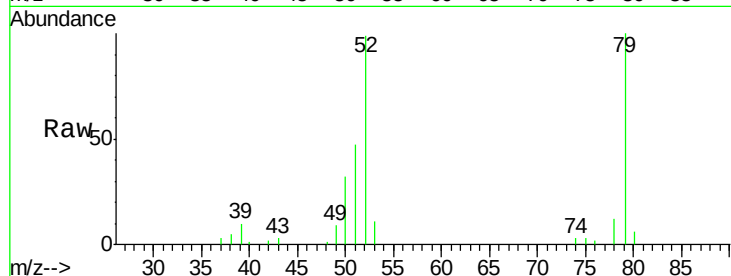
Tot Ion: 79 Resp: 64636

Ion Ratio Lower Upper

79 100

52 99.5 95.1 142.7

51 46.9 46.6 70.0



#4

n-Nitrosodimethylamine

Concen: 22.32 ng

RT: 2.63 min Scan# 56

Delta R.T. 0.00 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

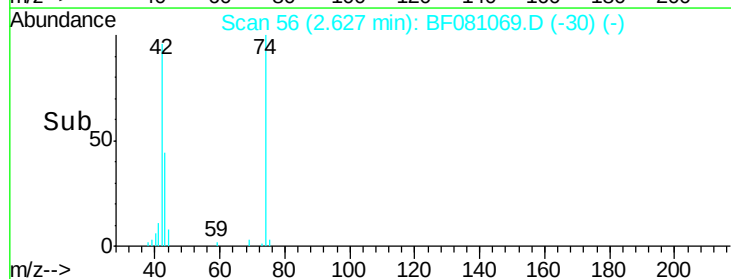
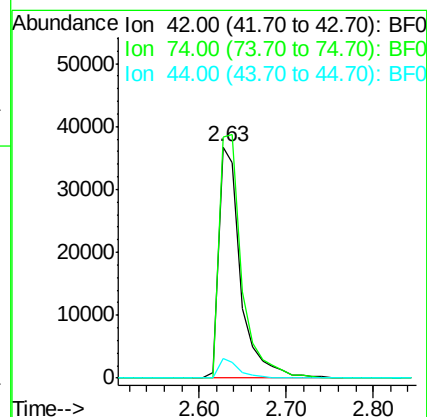
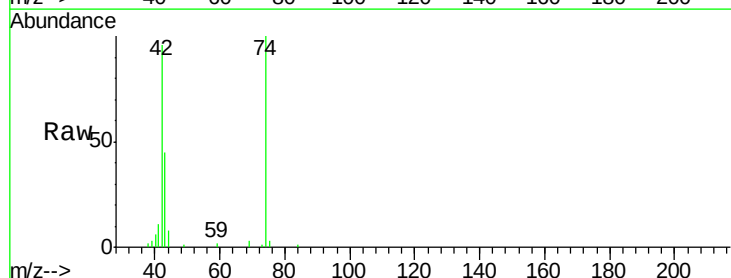
Tgt Ion: 42 Resp: 65401

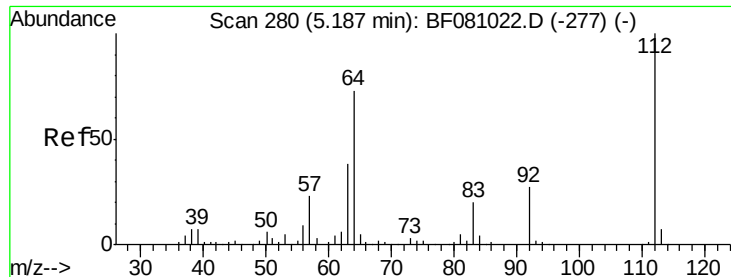
Ion Ratio Lower Upper

42 100

74 104.3 69.3 103.9#

44 8.5 5.5 8.3#

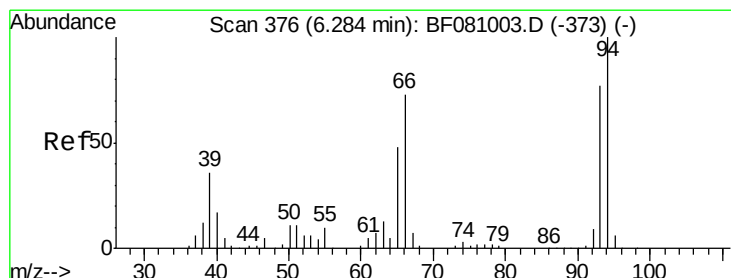
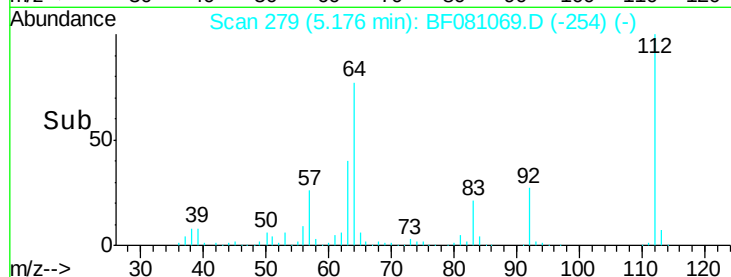
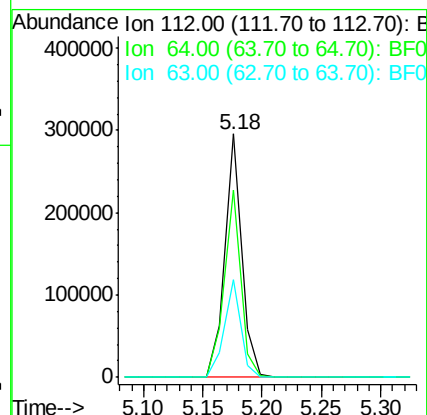
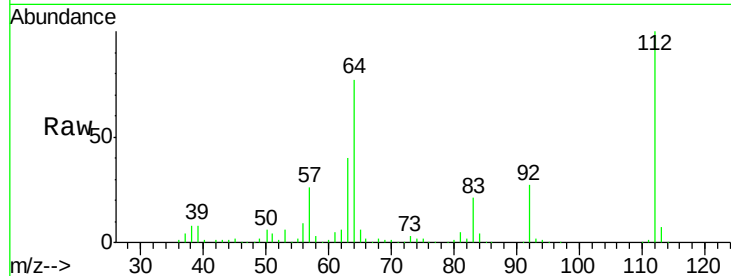




#5
2-Fluorophenol
Concen: 73.24 ng
RT: 5.18 min Scan# 279
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

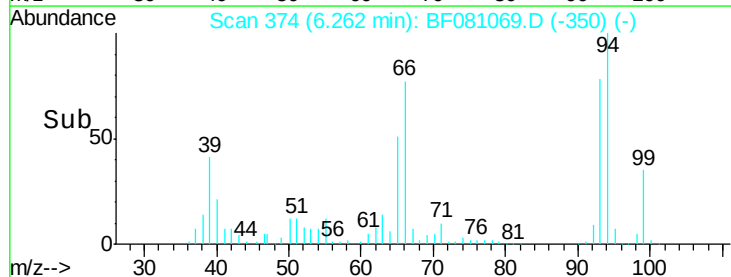
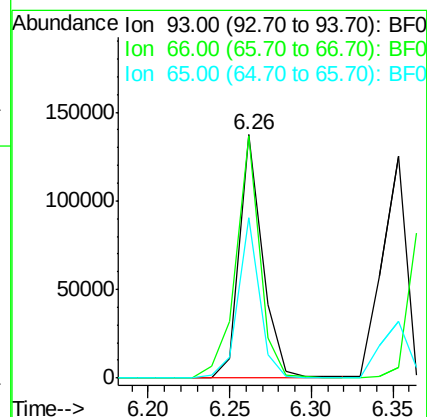
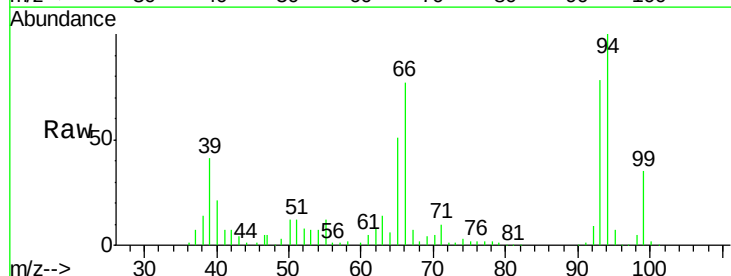
Instrument :
BNA_F
ClientSampleId :

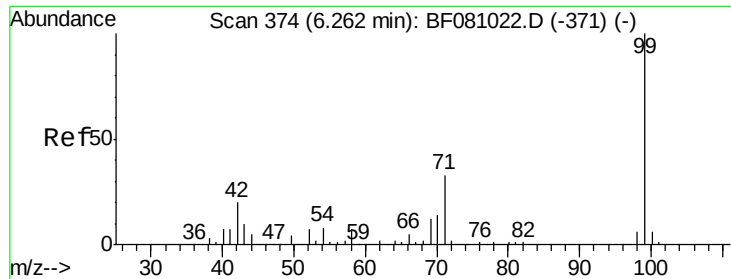
Tot Ion	Ratio	Lower	Upper
112	100		
64	77.1	66.9	100.3
63	40.3	38.1	57.1



#6
Aniline
Concen: 17.93 ng
RT: 6.26 min Scan# 374
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
93	100		
66	99.7	35.6	53.4#
65	66.1	18.7	28.1#





#7

Phenol-d6

Concen: 77.31 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

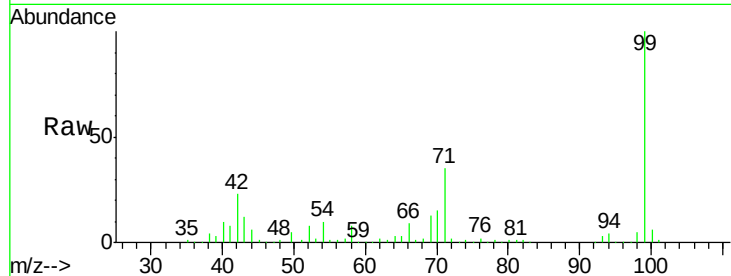
Tot Ion: 99 Resp: 399113

Ion Ratio Lower Upper

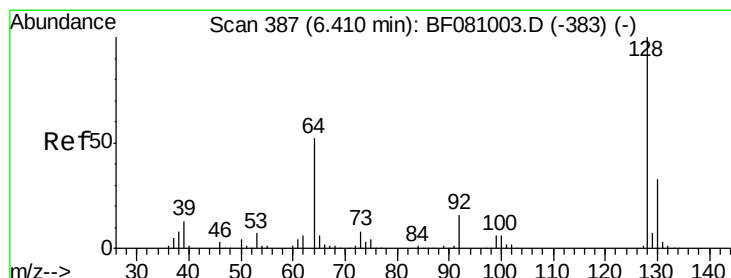
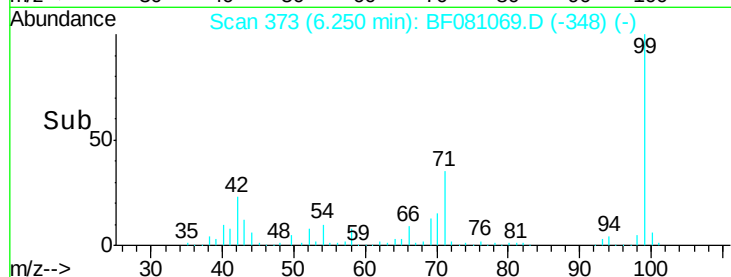
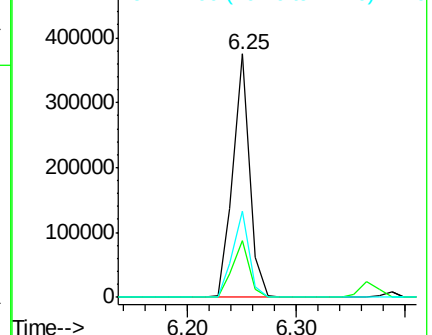
99 100

42 23.3 19.6 29.4

71 35.4 31.2 46.8



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: 28.43 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

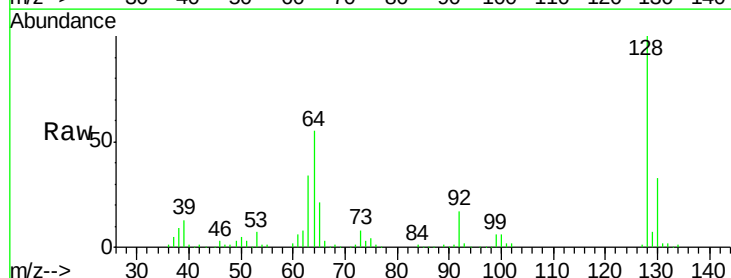
Tgt Ion: 128 Resp: 123141

Ion Ratio Lower Upper

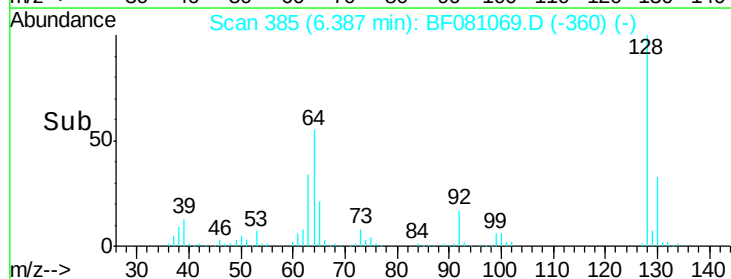
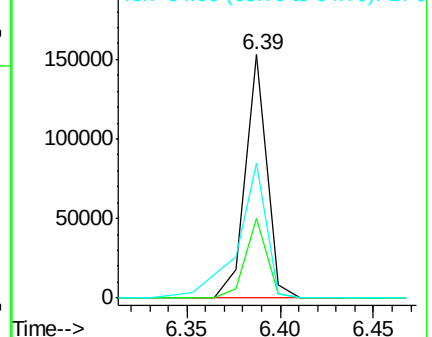
128 100

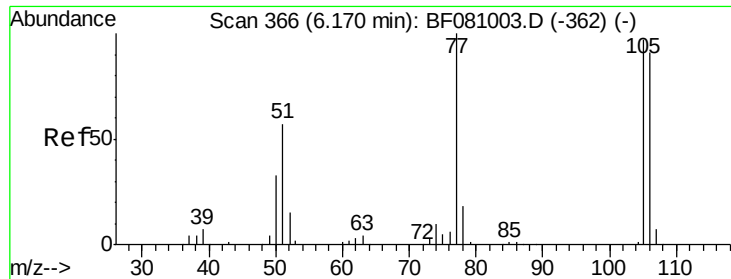
130 32.7 12.5 52.5

64 55.1 46.8 86.8



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

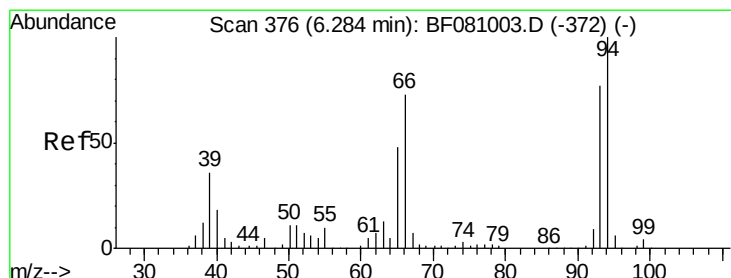
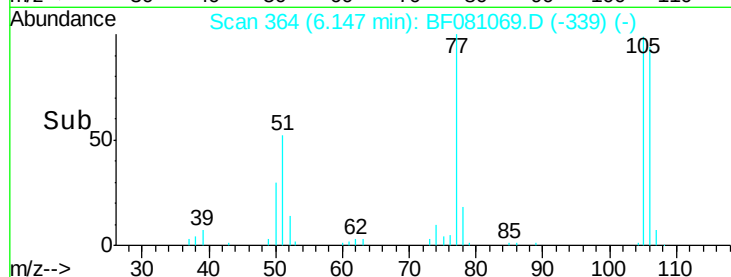
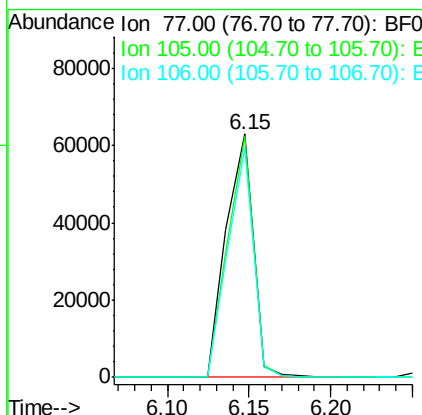
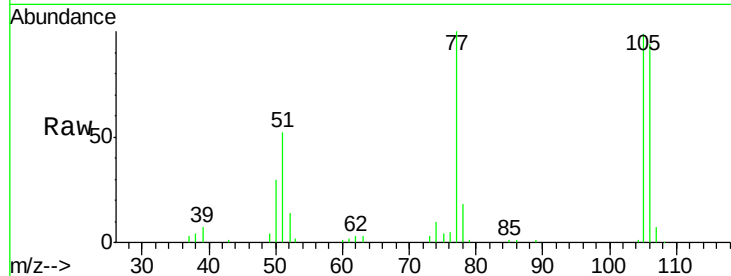




#9
Benzaldehyde
Concen: 21.66 ng
RT: 6.15 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

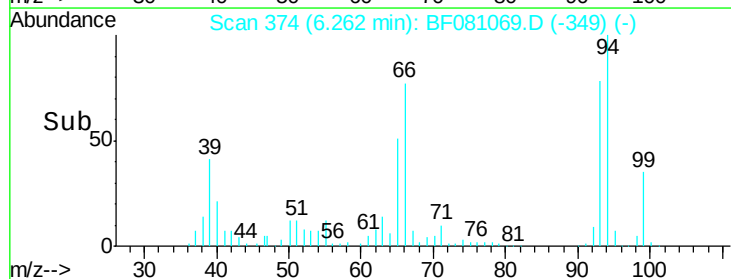
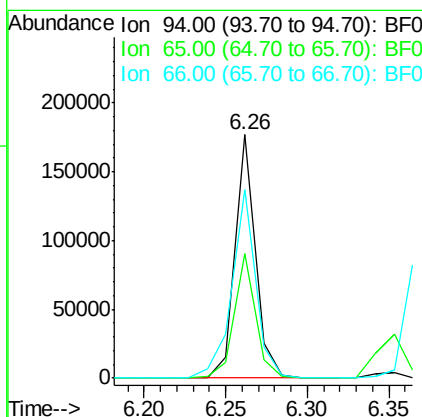
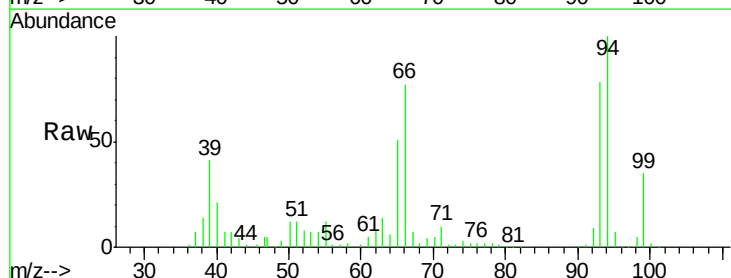
Instrument :
BNA_F
ClientSampled :

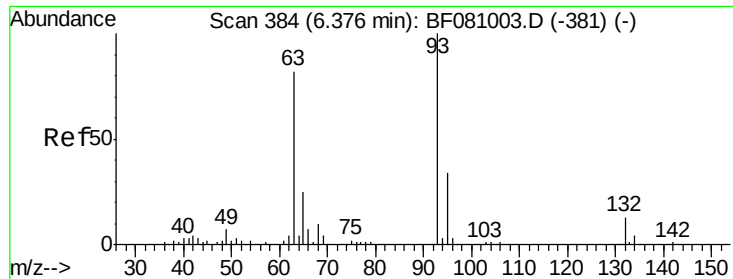
Tot Ion: 77 Resp: 72091
Ion Ratio Lower Upper
77 100
105 99.1 69.6 109.6
106 94.2 64.0 104.0



#10
Phenol
Concen: 24.88 ng
RT: 6.26 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion: 94 Resp: 151702
Ion Ratio Lower Upper
94 100
65 51.3 28.4 68.4
66 77.4 52.3 92.3

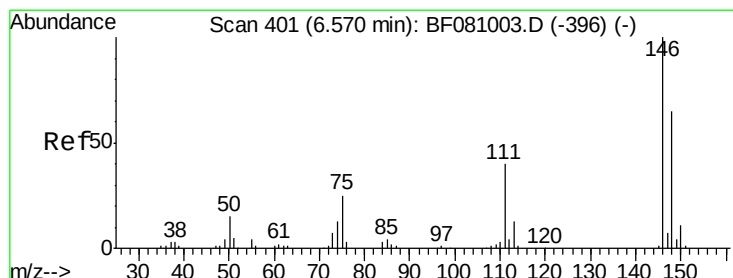
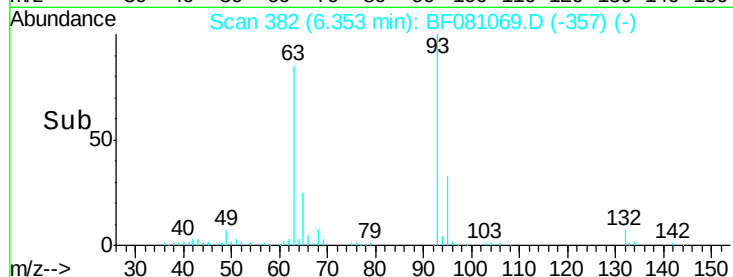
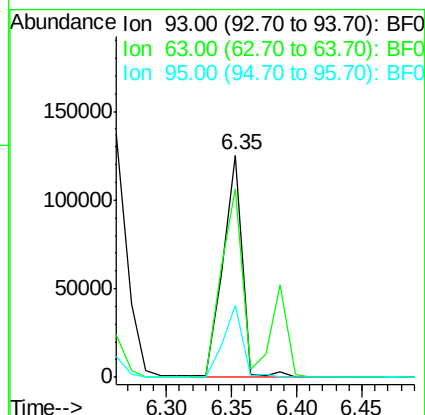
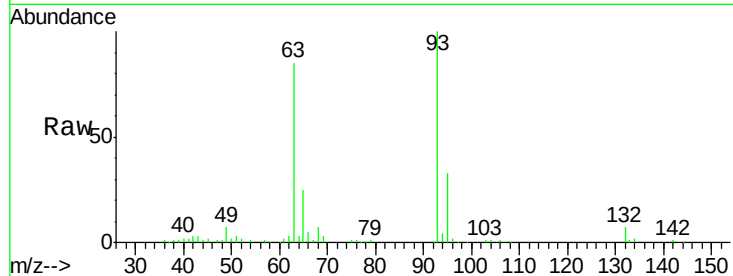




#11
bis(2-Chloroethyl)ether
Concen: 28.01 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

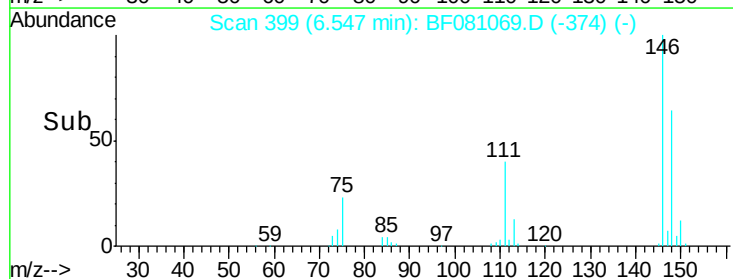
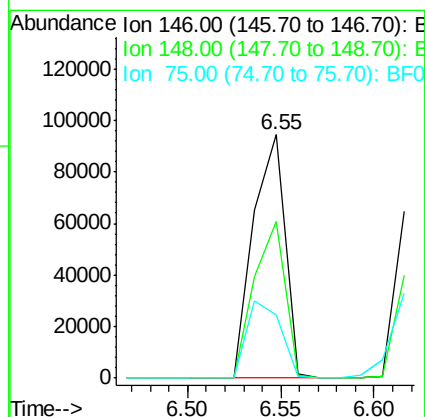
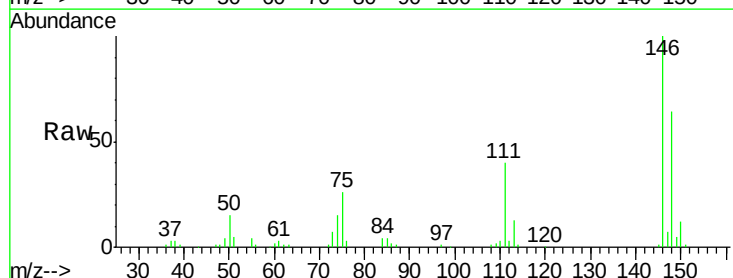
Instrument :
BNA_F
ClientSampleId :

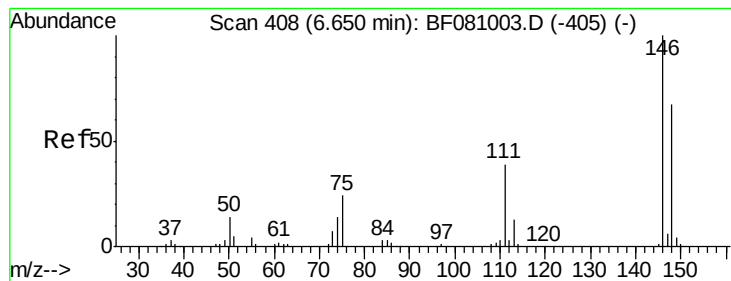
Tot Ion: 93 Resp: 131054
Ion Ratio Lower Upper
93 100
63 84.9 69.6 109.6
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 23.86 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion: 146 Resp: 111048
Ion Ratio Lower Upper
146 100
148 64.3 53.3 79.9
75 26.1 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 23.97 ng

RT: 6.63 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

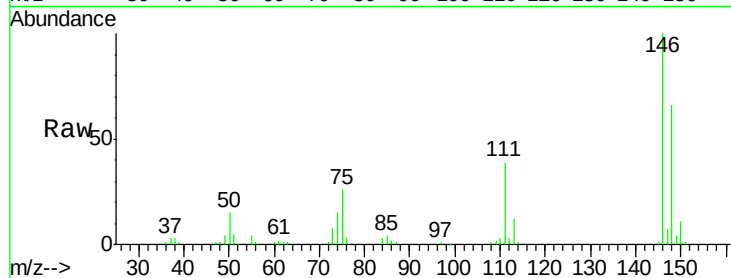
Tot Ion:146 Resp: 110444

Ion Ratio Lower Upper

146 100

148 66.4 52.3 78.5

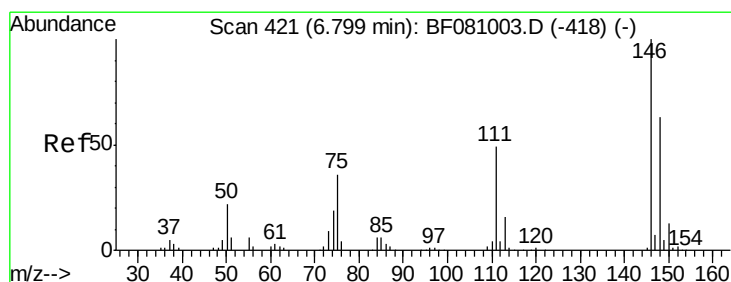
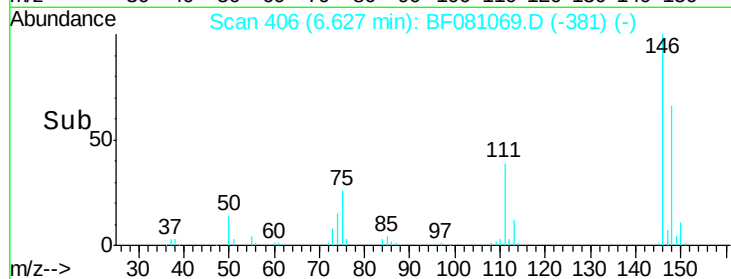
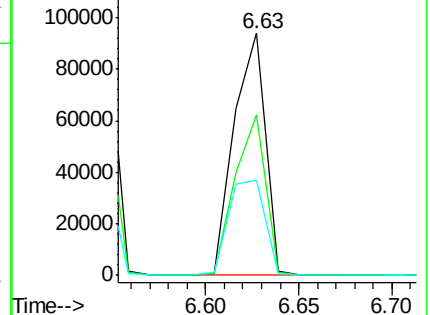
111 39.3 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 26.40 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

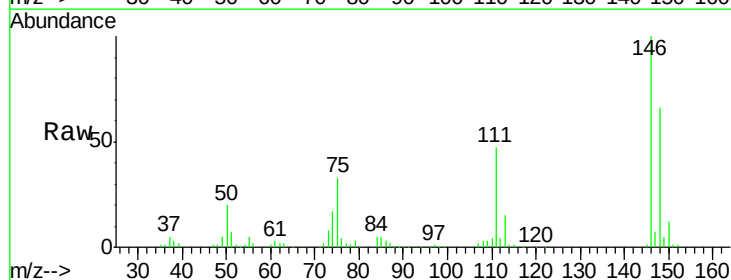
Tgt Ion:146 Resp: 113865

Ion Ratio Lower Upper

146 100

148 65.8 48.7 73.1

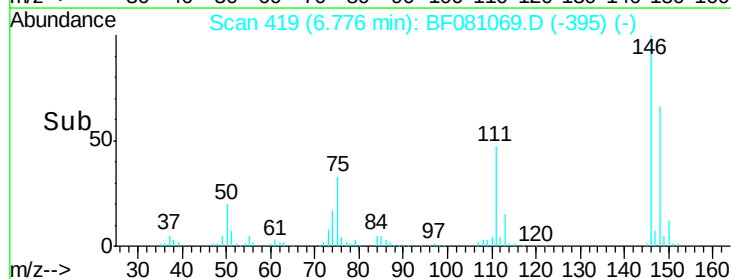
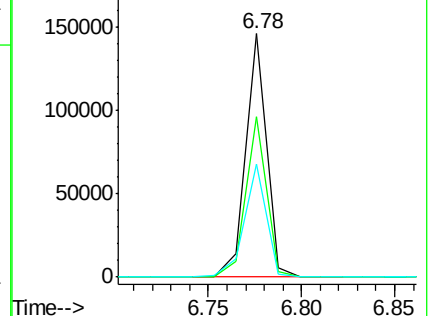
111 46.5 42.3 63.5

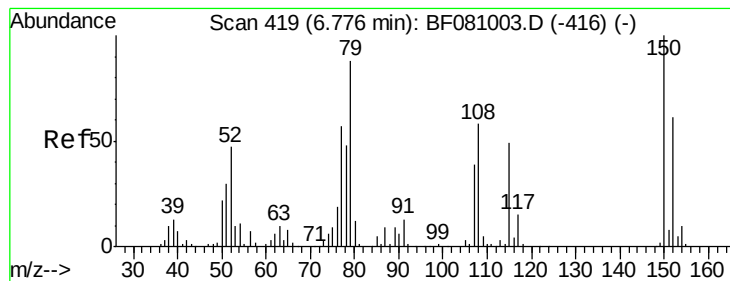


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.16 ng

RT: 6.75 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampled :

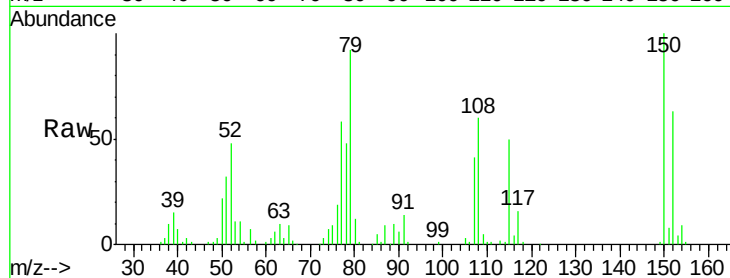
Tot Ion: 79 Resp: 105082

Ion Ratio Lower Upper

79 100

108 65.2 49.4 74.2

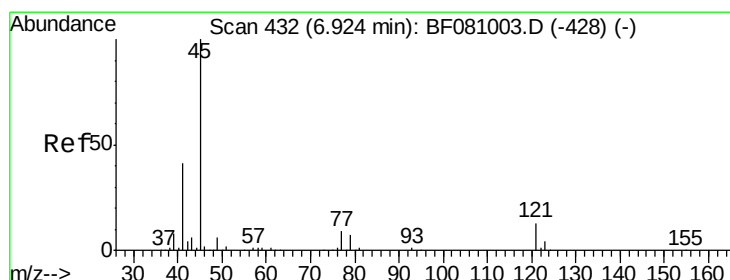
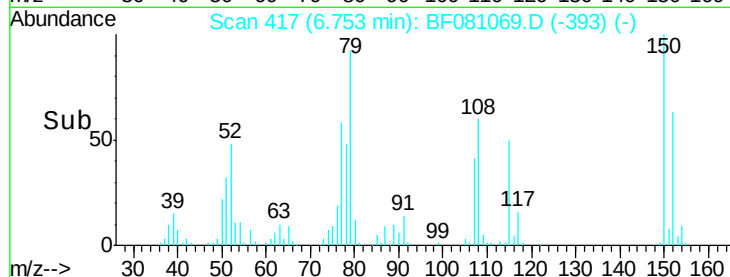
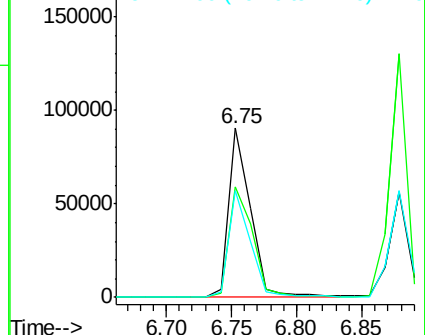
77 63.4 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.38 ng

RT: 6.90 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

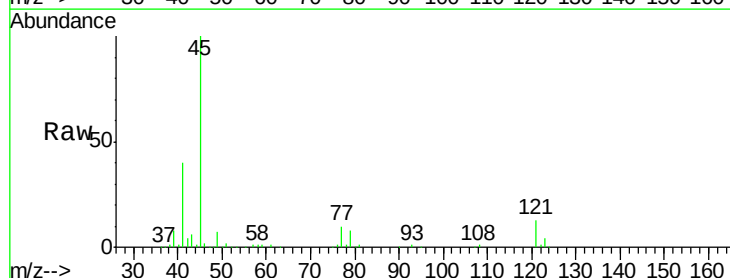
Tgt Ion: 45 Resp: 251739

Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.2

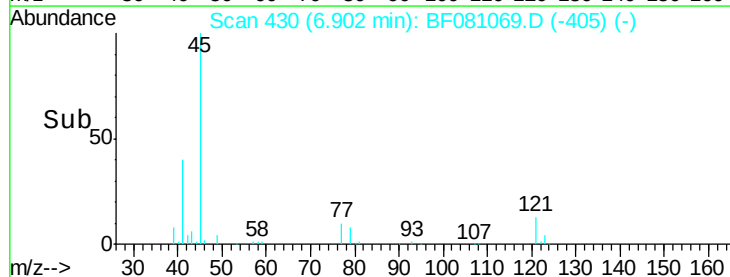
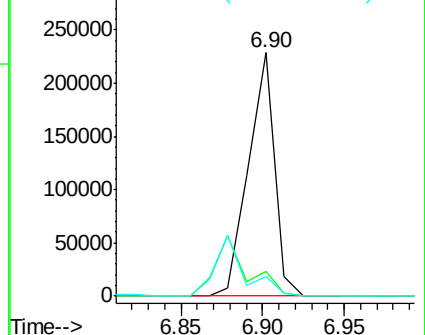
79 8.1 0.0 28.0

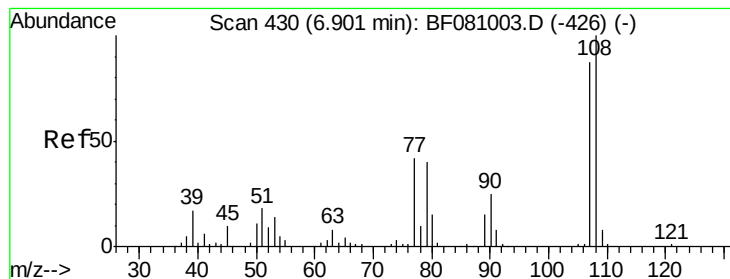


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 27.88 ng

RT: 6.88 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 103592

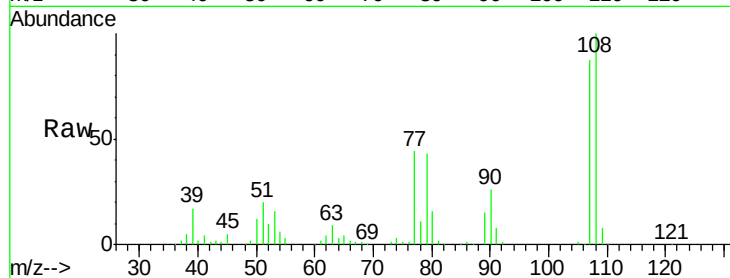
Ion Ratio Lower Upper

107 100

108 114.9 90.4 135.6

77 50.2 46.5 69.7

79 49.8 46.3 69.5

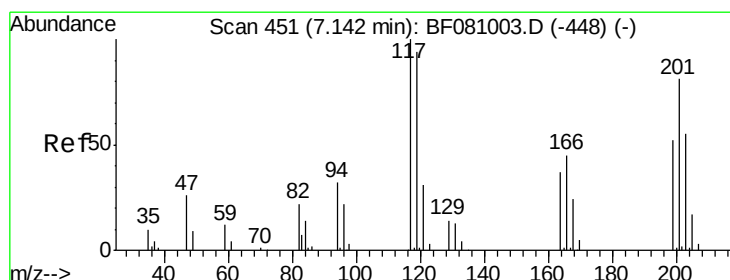
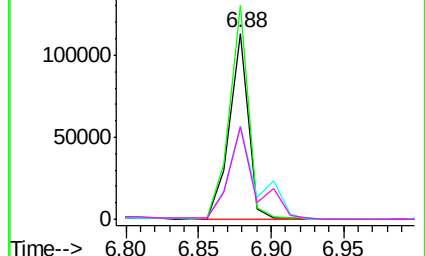
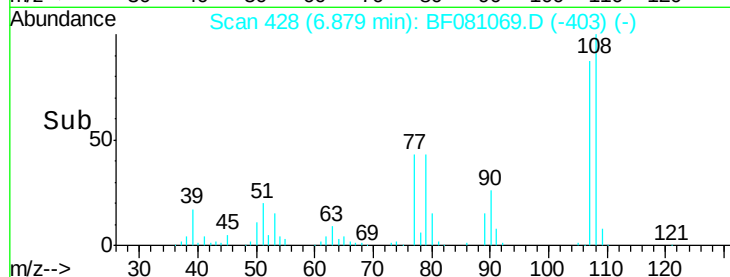


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 24.51 ng

RT: 7.12 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

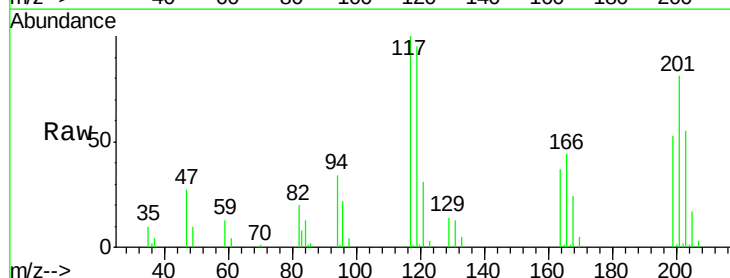
Tgt Ion:117 Resp: 45639

Ion Ratio Lower Upper

117 100

119 95.4 77.9 116.9

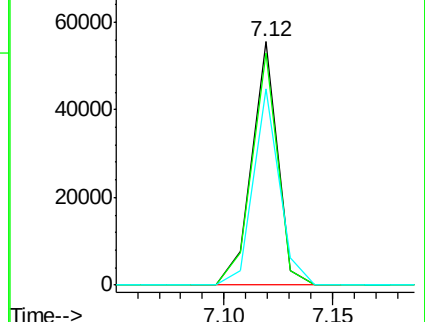
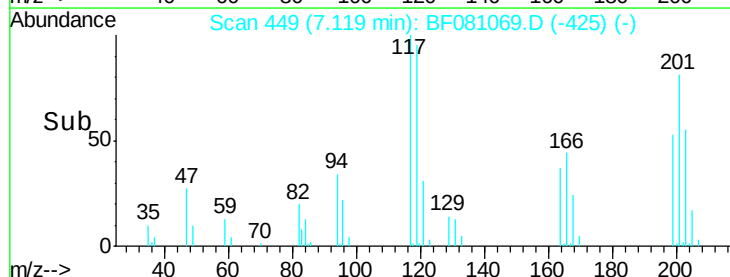
201 80.6 61.3 91.9

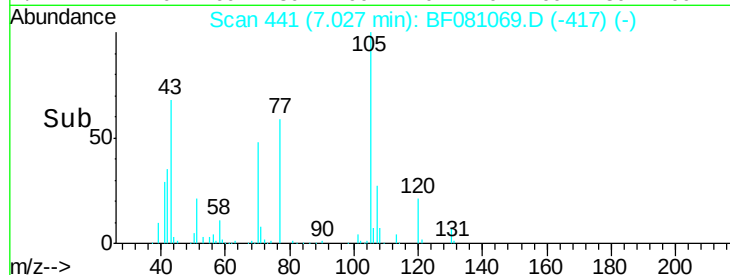
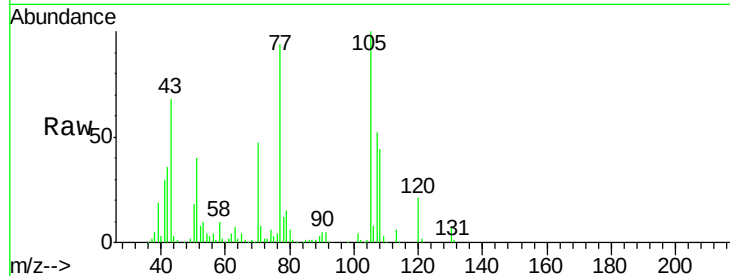
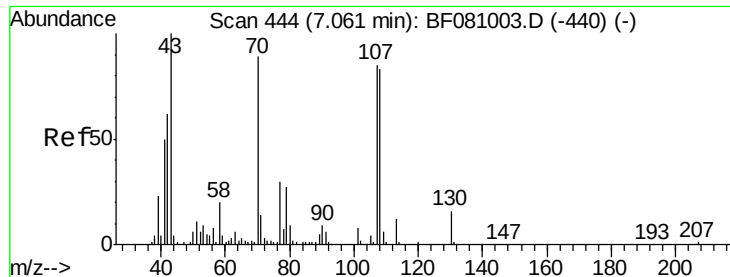


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

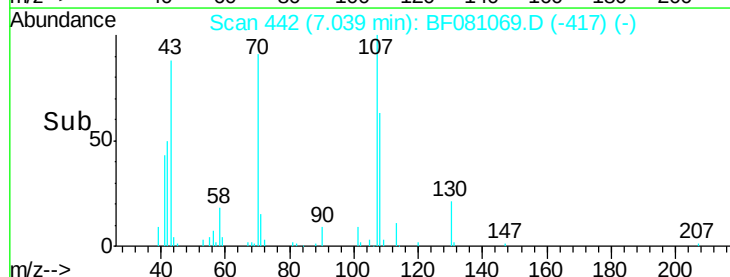
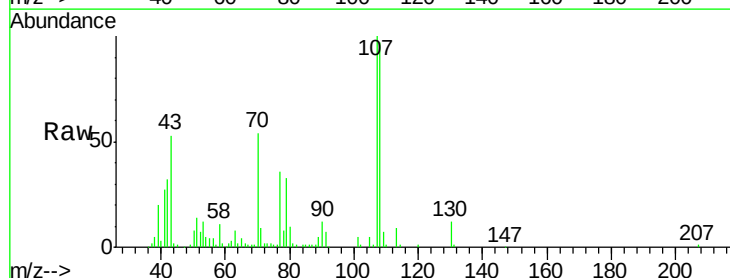
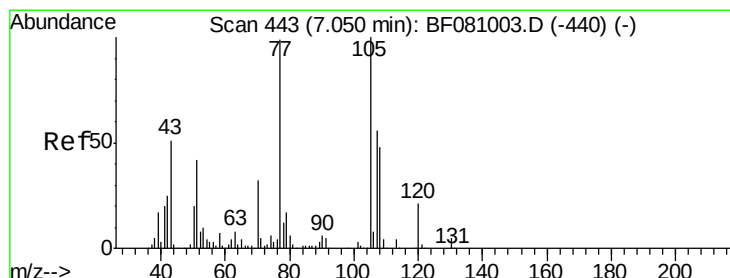
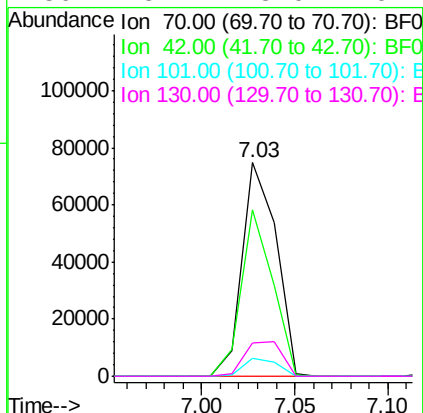




#19
n-Nitroso-di-n-propylamine
Concen: 26.50 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

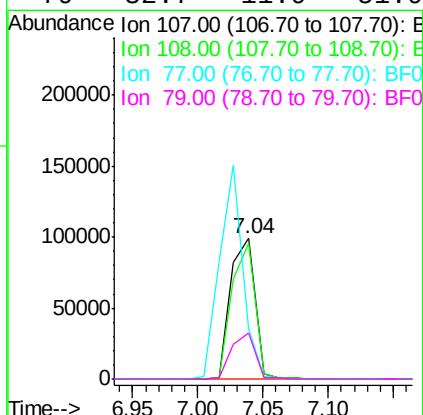
Instrument :
BNA_F
ClientSampleId :

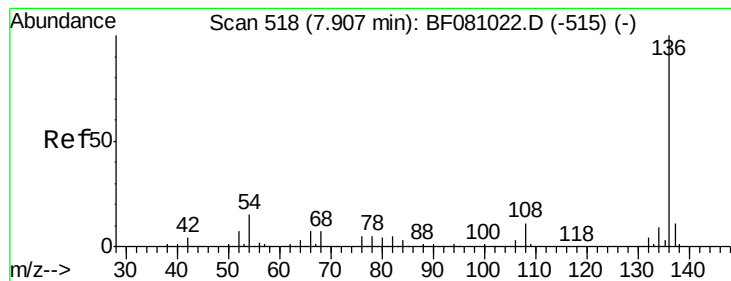
Tot Ion:	70	Resp:	94761
Ion	Ratio	Lower	Upper
70	100		
42	78.0	65.0	97.4
101	8.2	7.4	11.2
130	15.4	13.0	19.4



#20
3+4-Methylphenols
Concen: 27.45 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion:	107	Resp:	129481
Ion	Ratio	Lower	Upper
107	100		
108	96.8	66.1	106.1
77	35.7	139.3	179.3#
79	32.7	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 234411

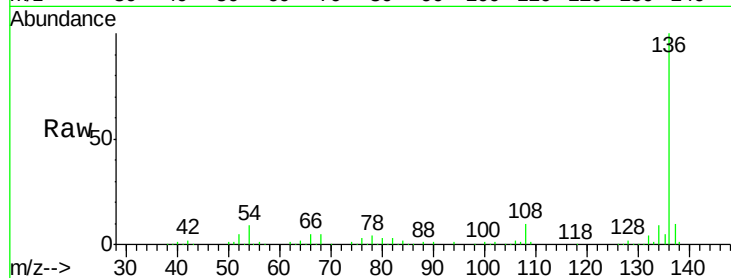
Ion Ratio Lower Upper

136 100

137 10.0 8.2 12.2

54 9.0 7.7 11.5

68 4.9 3.4 5.2

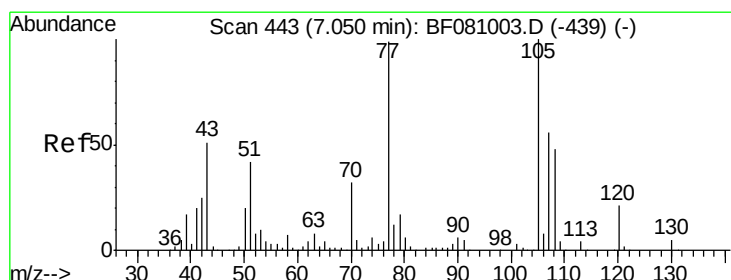
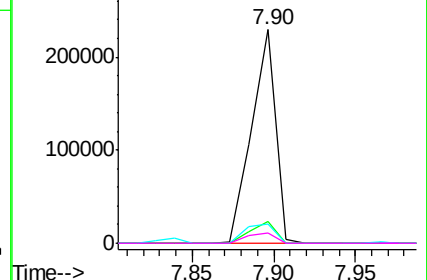
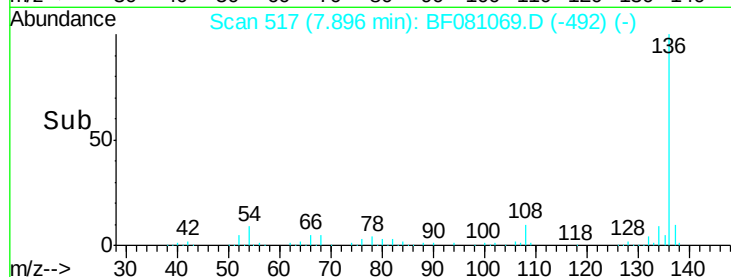


Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.97 ng

RT: 7.03 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:105 Resp: 178291

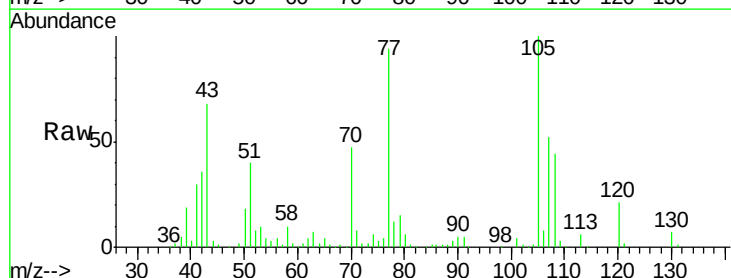
Ion Ratio Lower Upper

105 100

71 7.8 3.0 4.6#

51 40.1 39.8 59.8

120 21.0 15.8 23.8

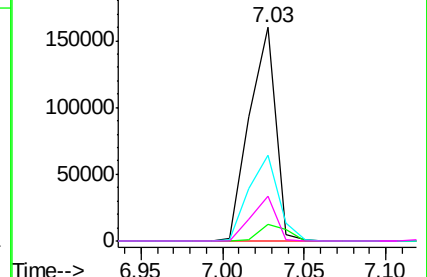
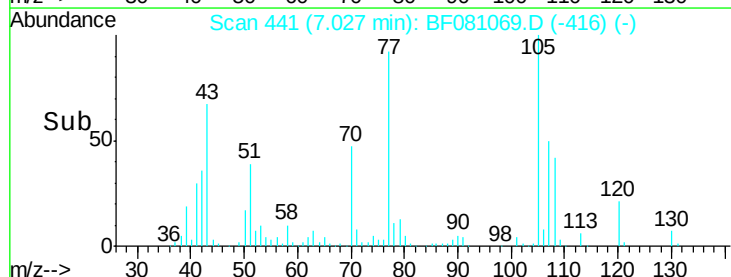


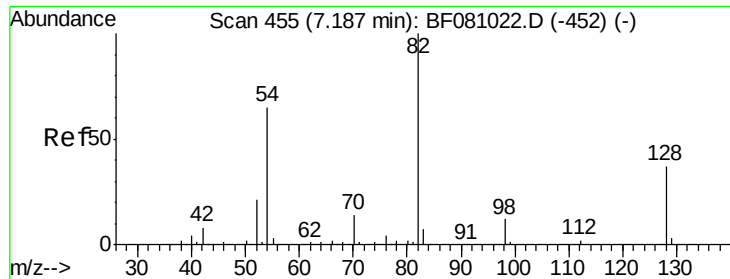
Abundance Ion 105.00 (104.70 to 105.70): E

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

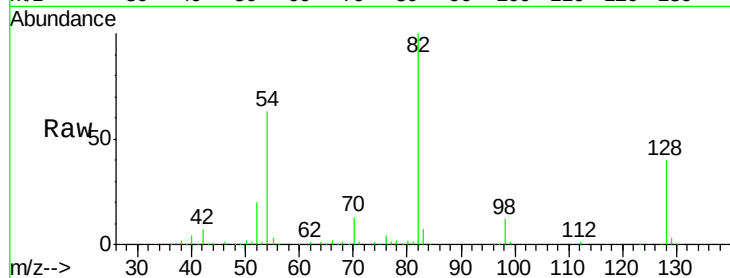




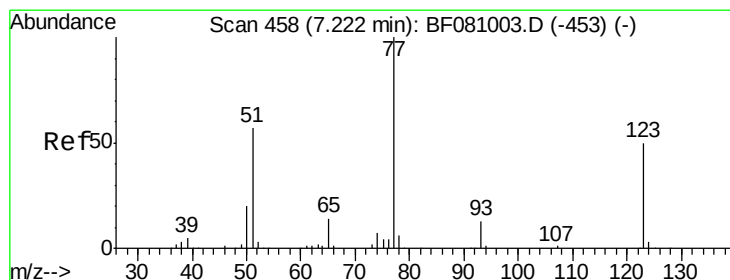
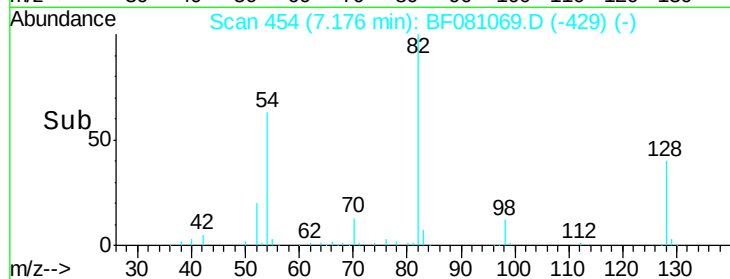
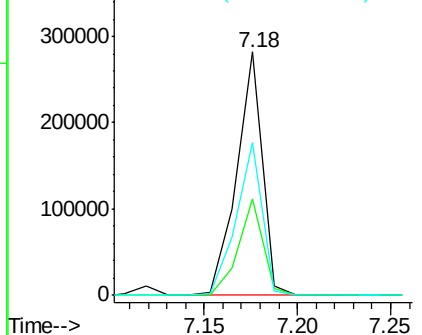
#23
Nitrobenzene-d5
Concen: 53.09 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	272421
Ion Ratio	Lower	Upper	
82	100		
128	39.6	28.6	42.8
54	62.7	55.1	82.7

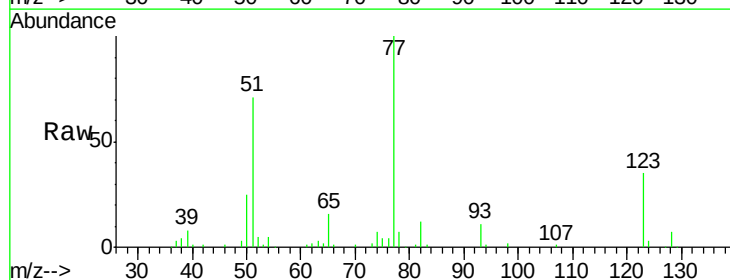


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

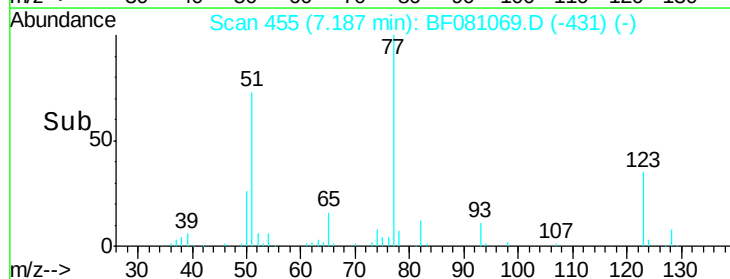
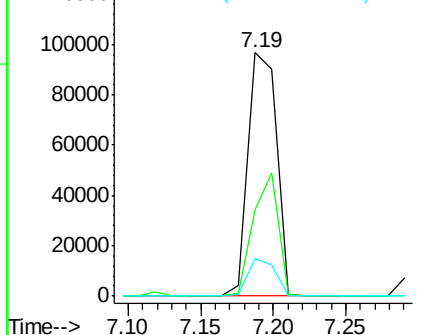


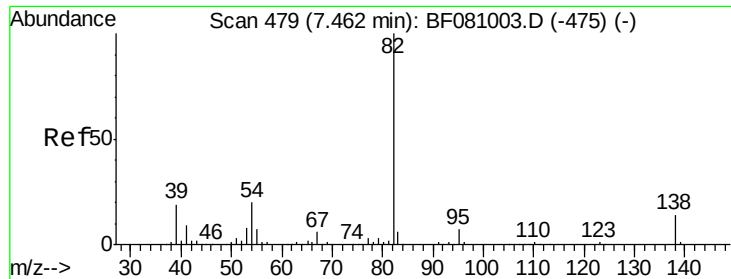
#24
Nitrobenzene
Concen: 24.63 ng
RT: 7.19 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	77	Resp	132124
Ion Ratio	Lower	Upper	
77	100		
123	35.2	32.9	49.3
65	15.6	12.5	18.7



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





#25

Isophorone

Concen: 27.03 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

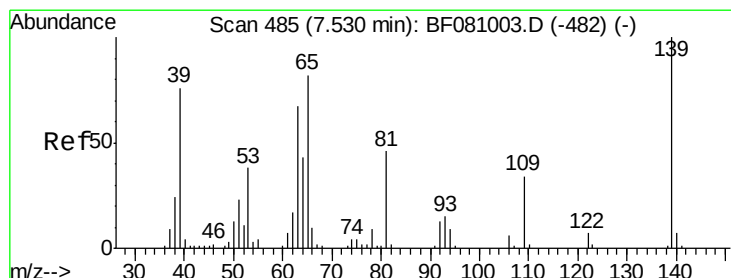
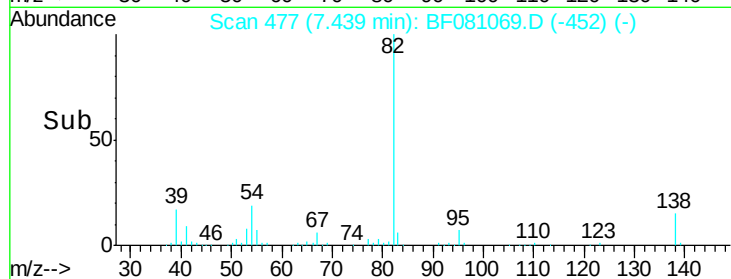
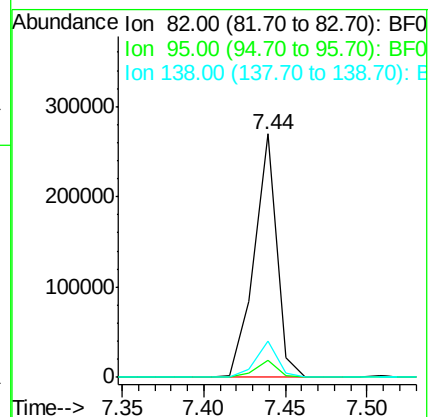
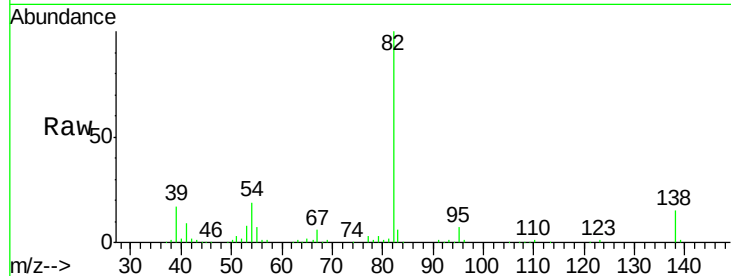
Tot Ion: 82 Resp: 258654

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 14.7 10.5 15.7



#26

2-Nitrophenol

Concen: 24.78 ng

RT: 7.51 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

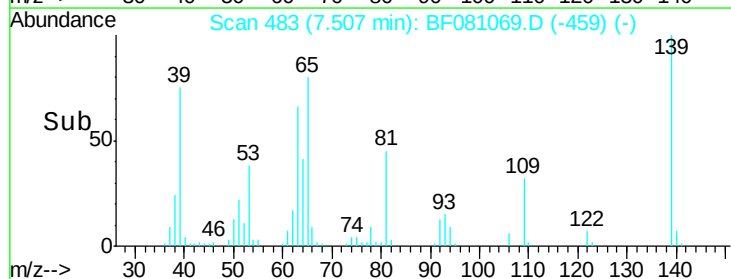
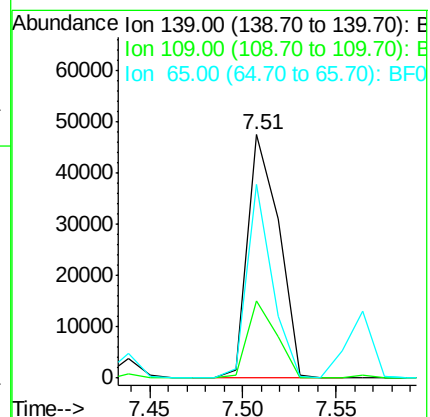
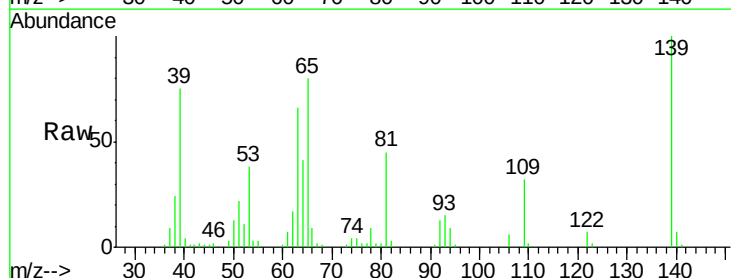
Tgt Ion: 139 Resp: 55296

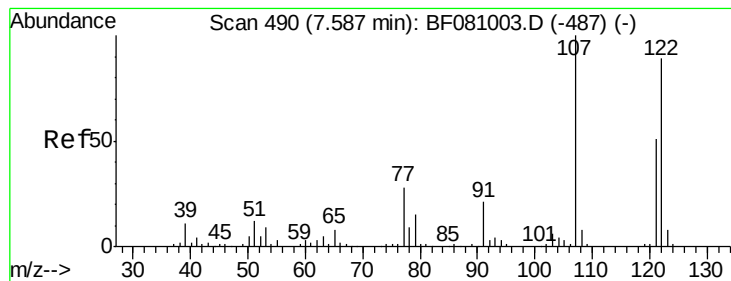
Ion Ratio Lower Upper

139 100

109 31.5 32.1 48.1#

65 79.7 69.9 104.9





#27

2,4-Dimethylphenol

Concen: 29.31 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampled :

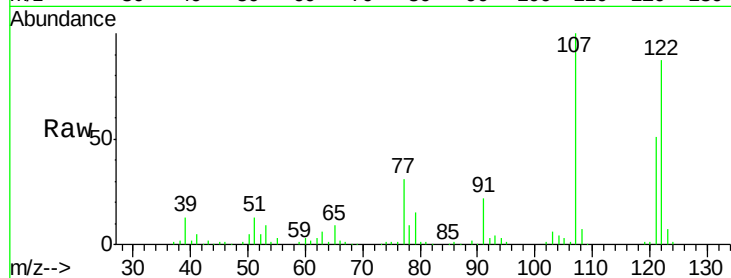
Tot Ion:122 Resp: 115708

Ion Ratio Lower Upper

122 100

107 115.1 103.8 155.6

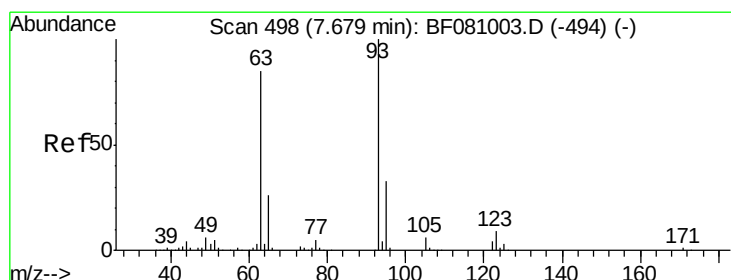
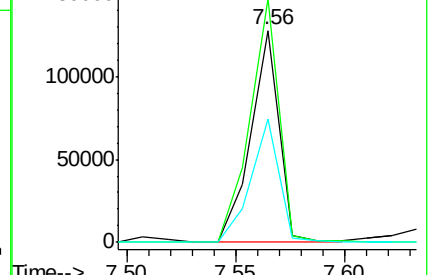
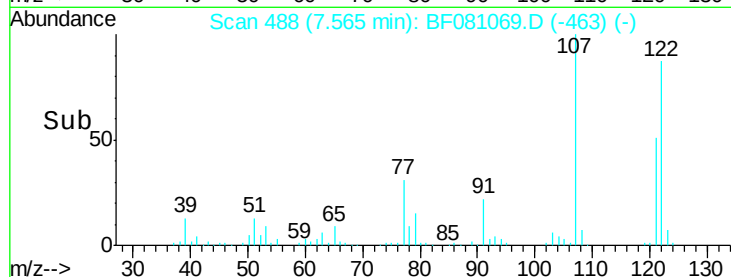
121 58.2 47.0 70.4



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: 26.64 ng

RT: 7.66 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

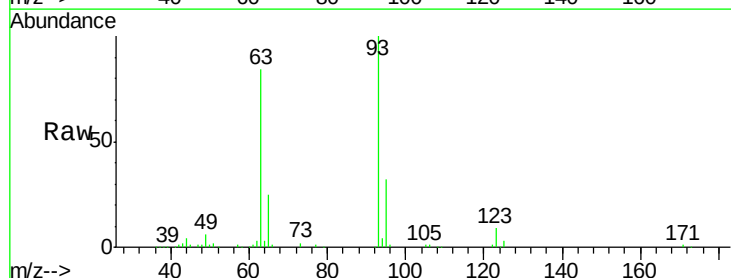
Tgt Ion: 93 Resp: 150620

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.8

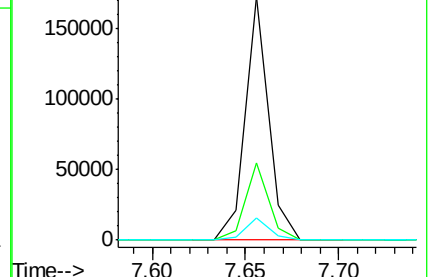
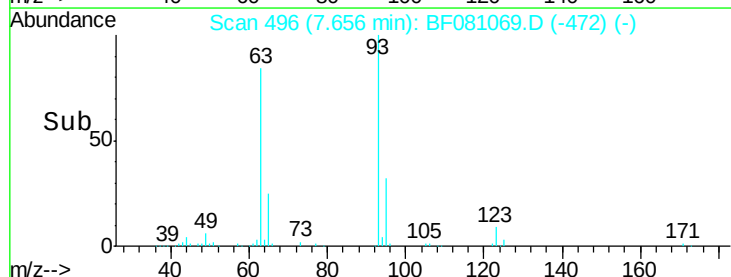
123 9.0 7.4 11.0

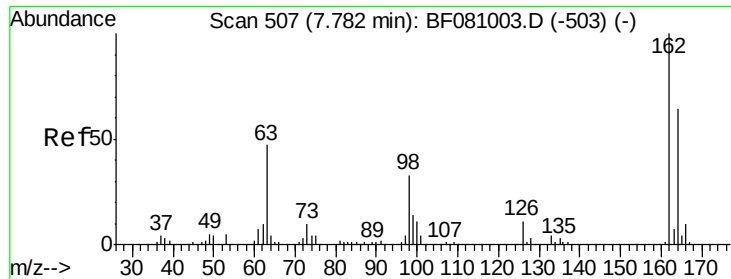


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

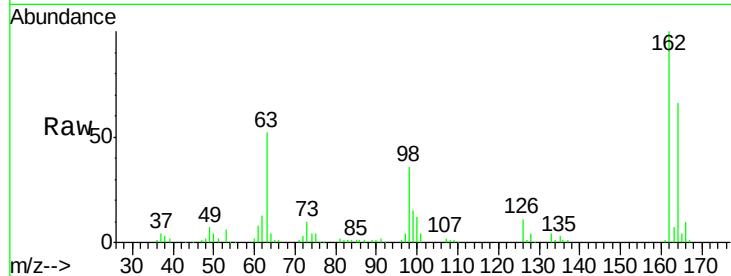




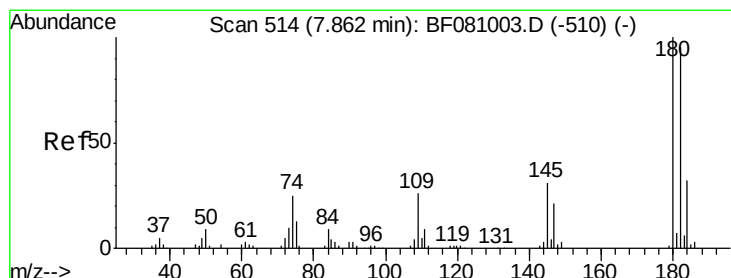
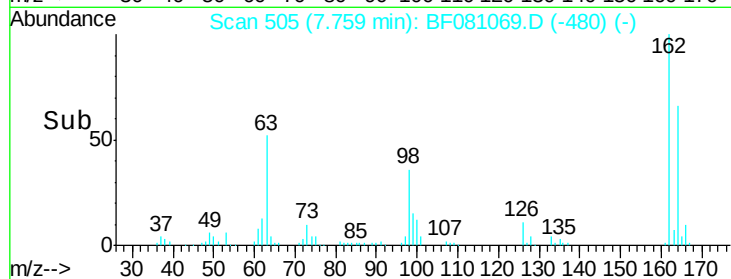
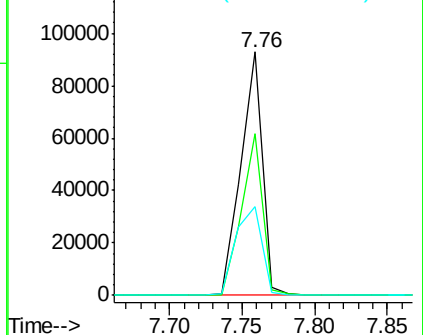
#29
 2,4-Dichlorophenol
 Concen: 28.88 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	43.2	83.2
98	36.4	12.3	52.3

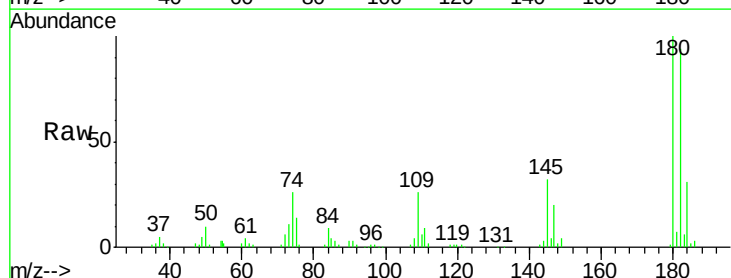


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

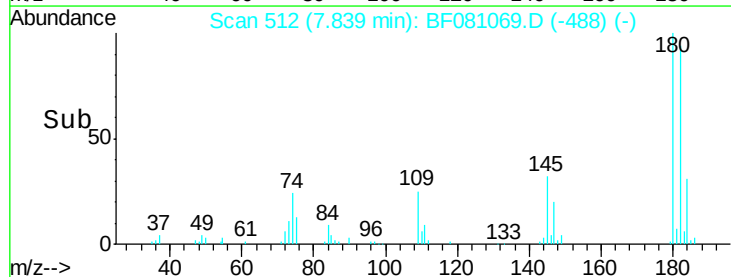
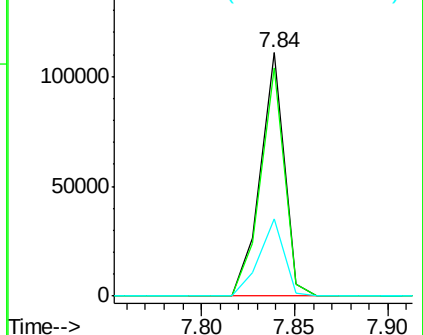


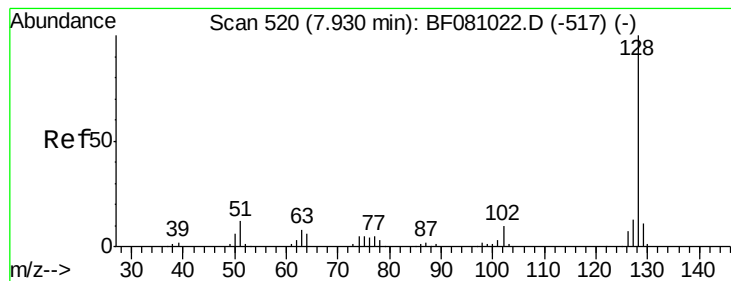
#30
 1,2,4-Trichlorobenzene
 Concen: 26.56 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	31.8	25.4	38.2



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: 24.87 ng

RT: 7.92 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

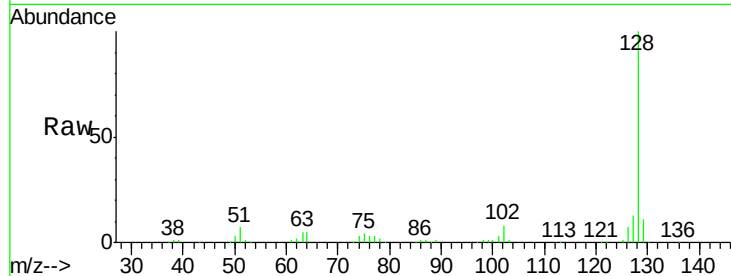
Tot Ion:128 Resp: 324966

Ion Ratio Lower Upper

128 100

129 10.6 8.4 12.6

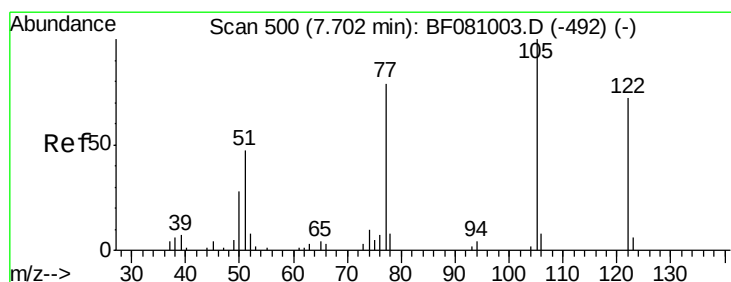
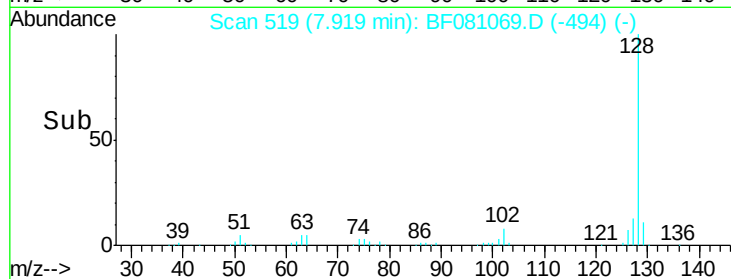
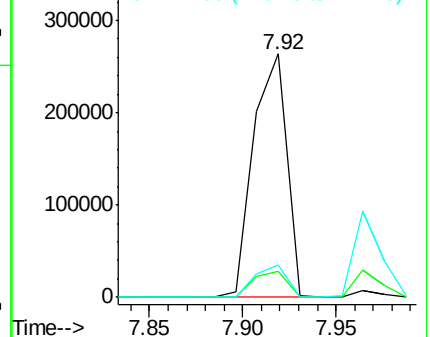
127 13.2 10.6 16.0



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: 8.24 ng

RT: 7.64 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

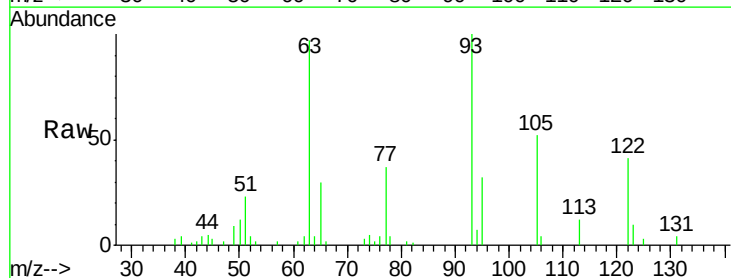
Tgt Ion:122 Resp: 18306

Ion Ratio Lower Upper

122 100

105 127.4 113.8 153.8

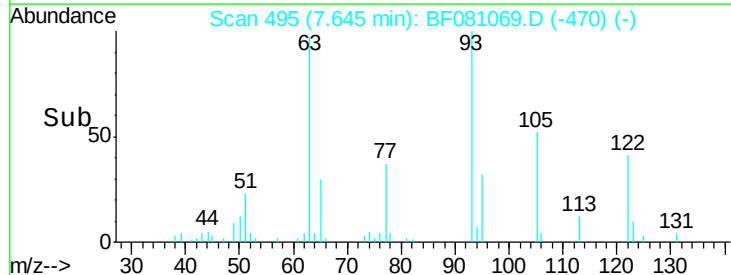
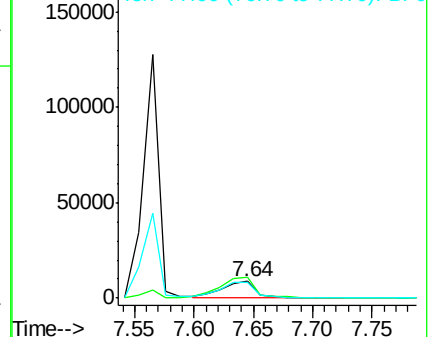
77 90.3 93.8 133.8#

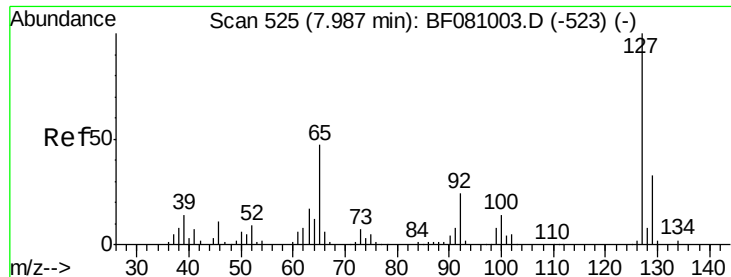


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

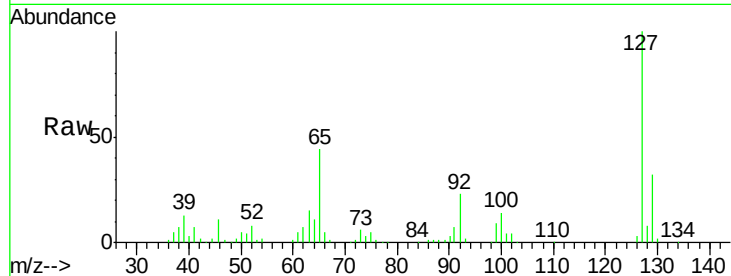




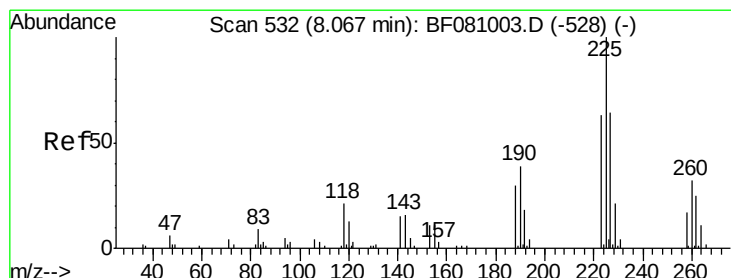
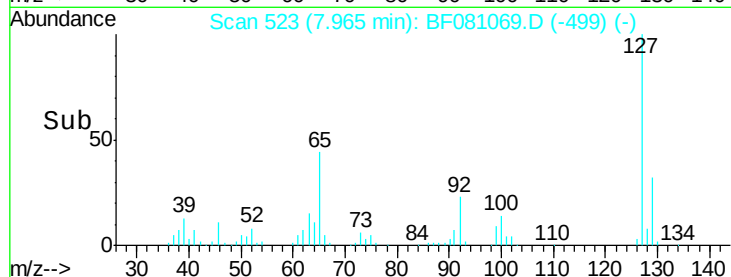
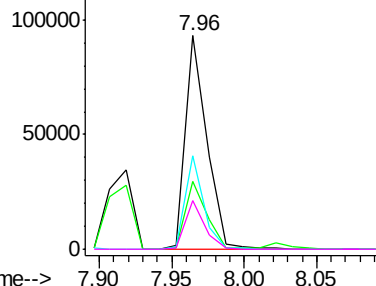
#33
4-Chloroaniline
Concen: 17.37 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	95780
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.2	37.8
65	43.6	37.8	56.6
92	23.0	19.5	29.3

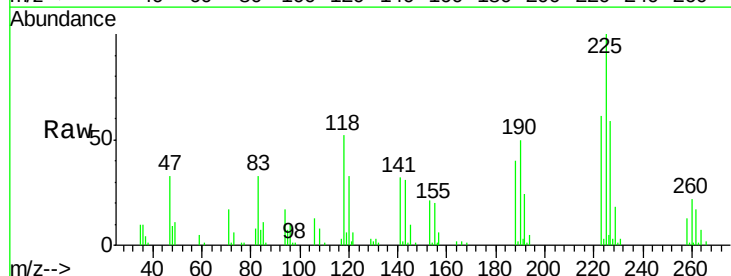


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

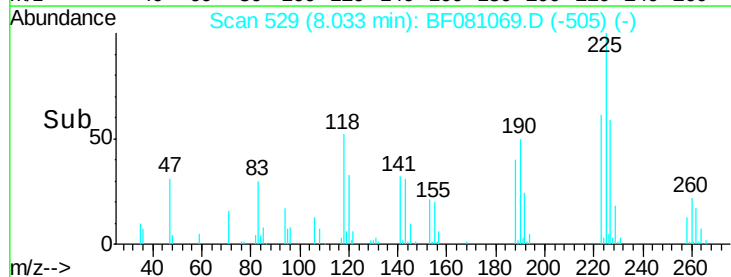
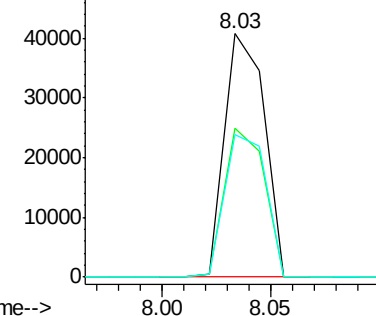


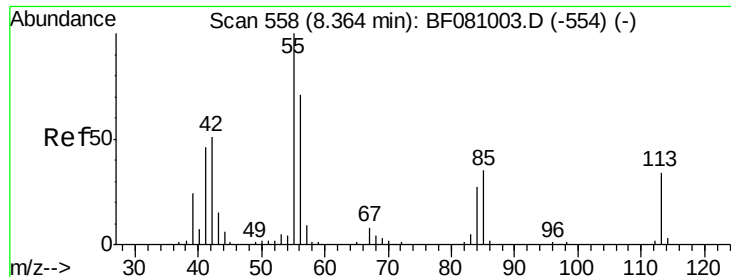
#34
Hexachlorobutadiene
Concen: 24.91 ng
RT: 8.03 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion:	225	Resp:	52030
Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.6	79.0
227	58.6	51.1	76.7



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





#35

Caprolactam

Concen: 18.05 ng

RT: 8.33 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

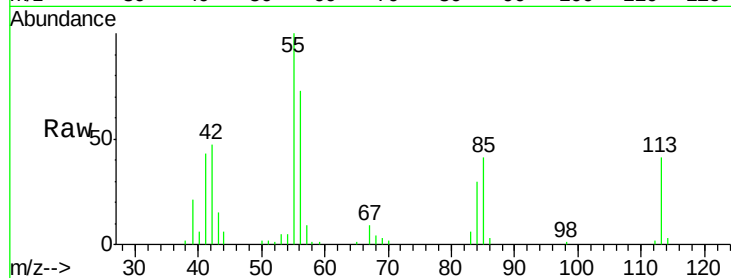
Tot Ion:113 Resp: 20962

Ion Ratio Lower Upper

113 100

55 245.3 280.4 320.4#

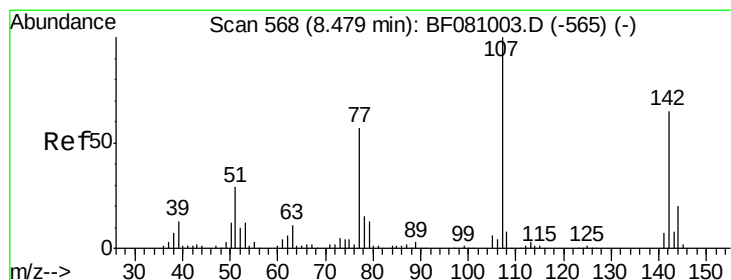
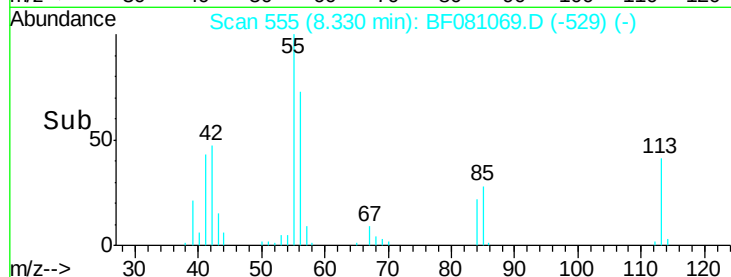
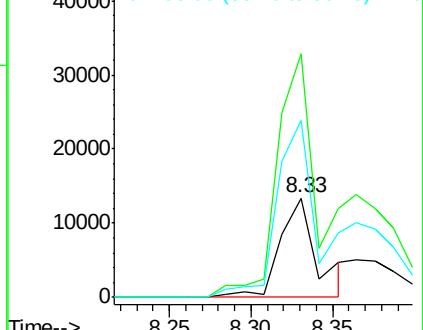
56 178.8 205.9 245.9#



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: 28.88 ng

RT: 8.46 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

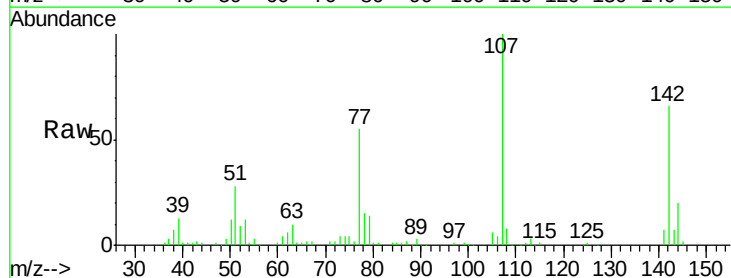
Tgt Ion:107 Resp: 114382

Ion Ratio Lower Upper

107 100

144 20.1 17.2 25.8

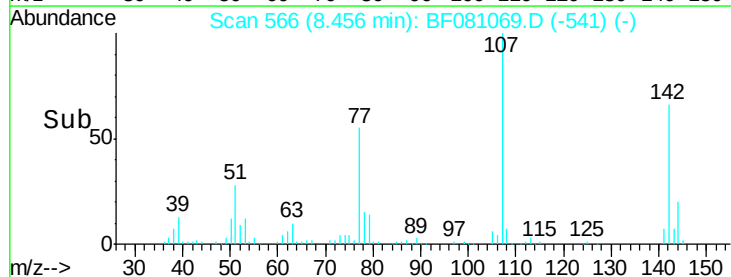
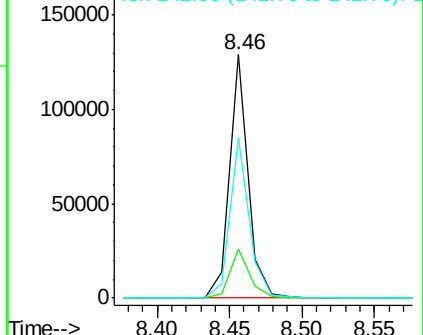
142 66.1 54.9 82.3

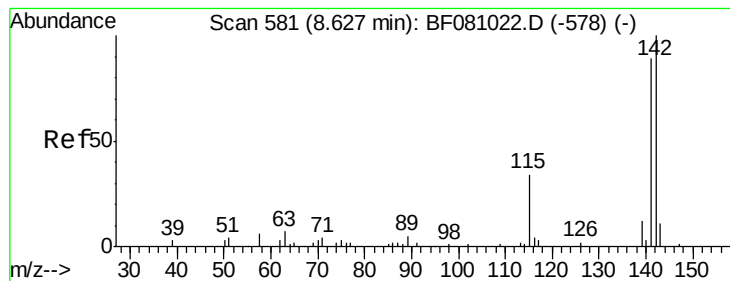


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 28.69 ng

RT: 8.60 min Scan# 579

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

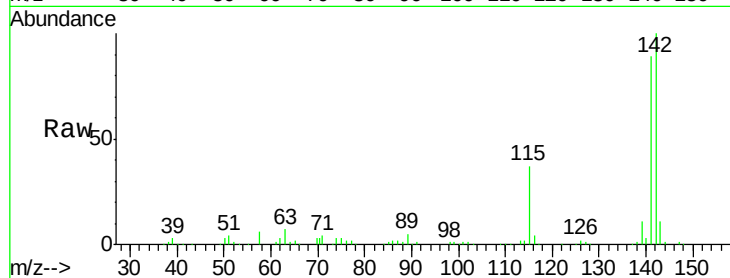
Tot Ion:142 Resp: 236784

Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.2

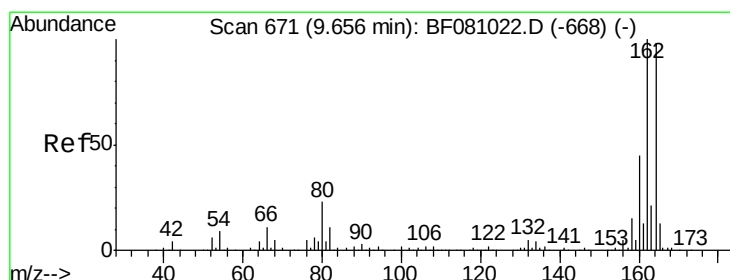
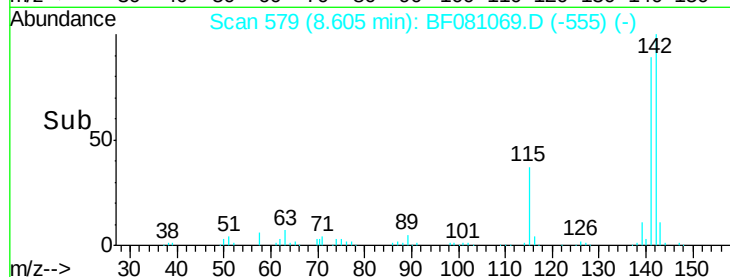
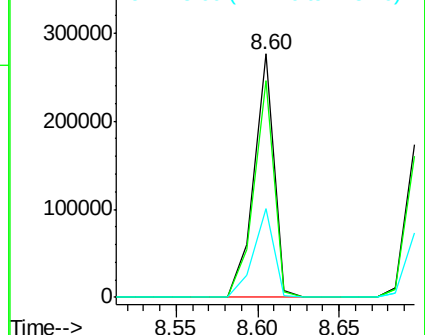
115 36.5 33.4 50.0



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# 669

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

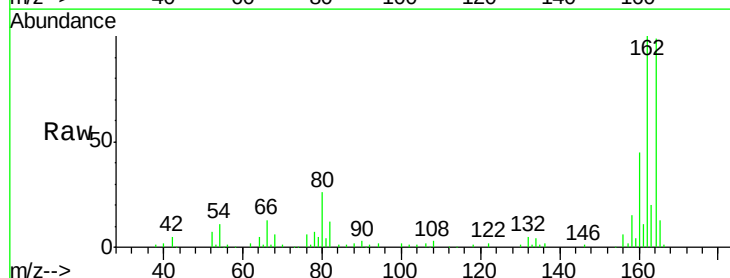
Tgt Ion:164 Resp: 107087

Ion Ratio Lower Upper

164 100

162 101.3 83.8 125.8

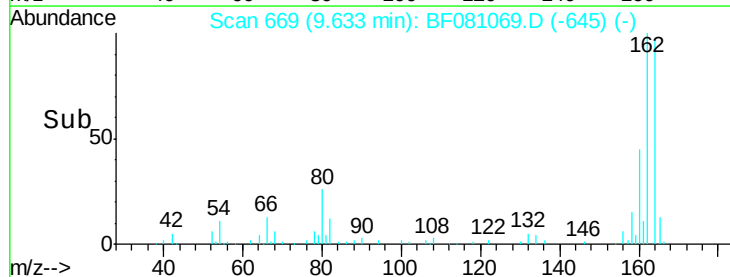
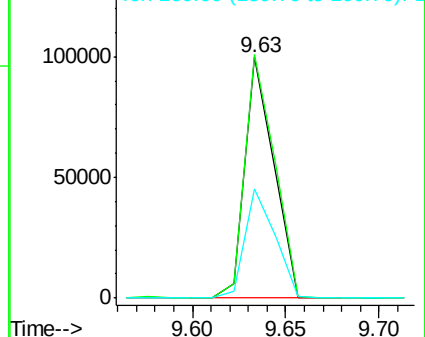
160 45.5 39.8 59.8

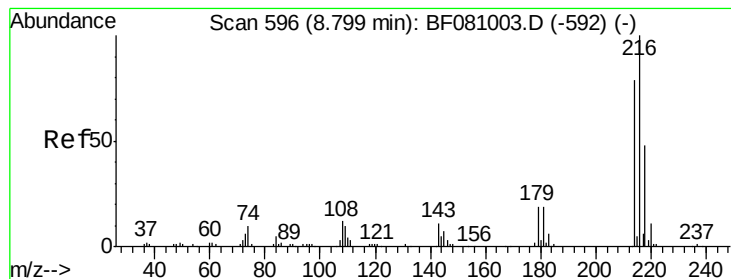


Abundance Ion 164.00 (163.70 to 164.70): E

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: 24.49 ng

RT: 8.78 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 84603

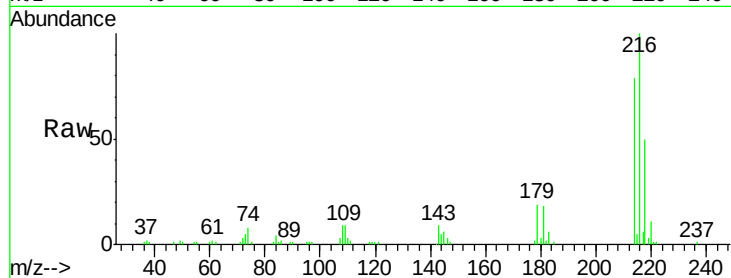
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 22.6 17.8 26.8

108 23.1 16.2 24.2

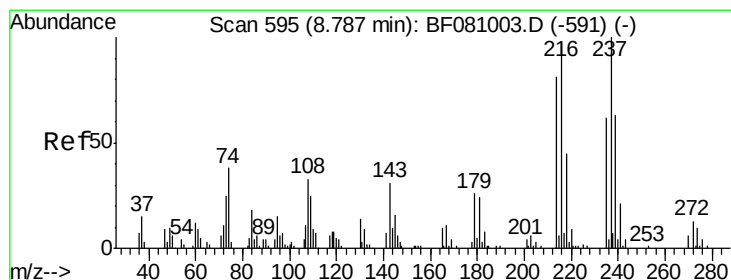
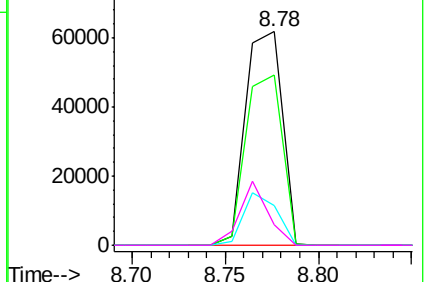
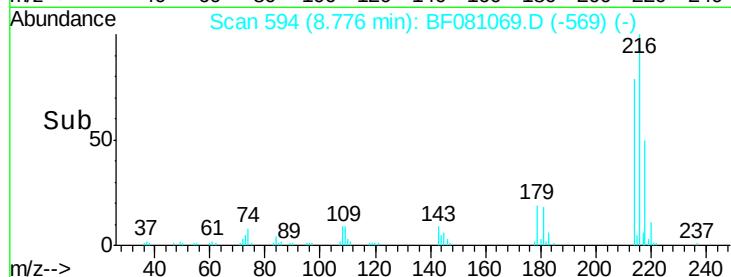


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 50.03 ng

RT: 8.76 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

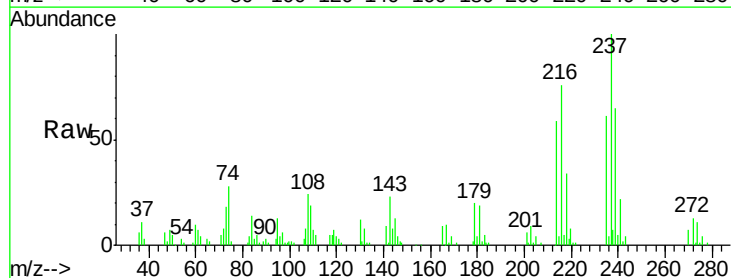
Tgt Ion:237 Resp: 89465

Ion Ratio Lower Upper

237 100

235 61.5 43.6 83.6

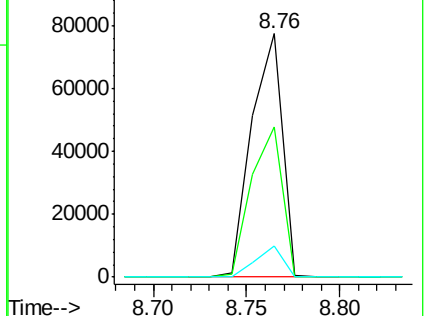
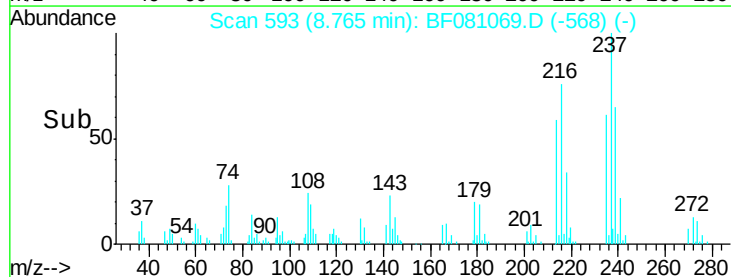
272 12.7 0.0 32.2

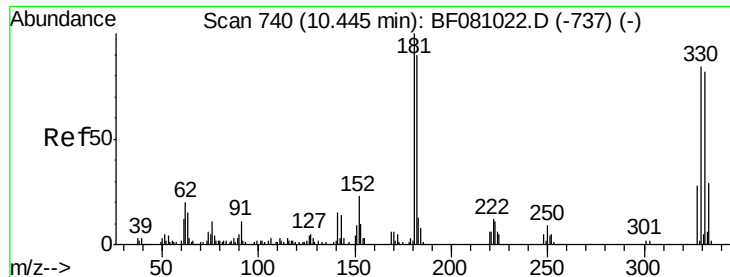


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 79.44 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

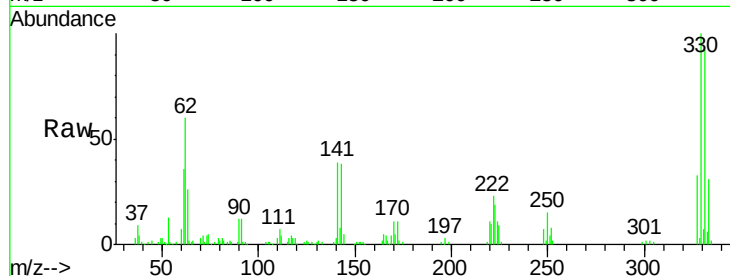
Tot Ion:330 Resp: 73738

Ion Ratio Lower Upper

330 100

332 93.5 77.3 115.9

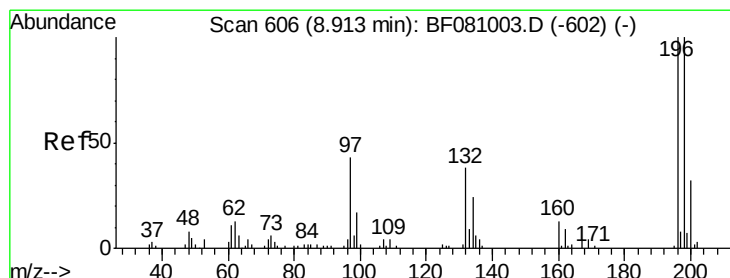
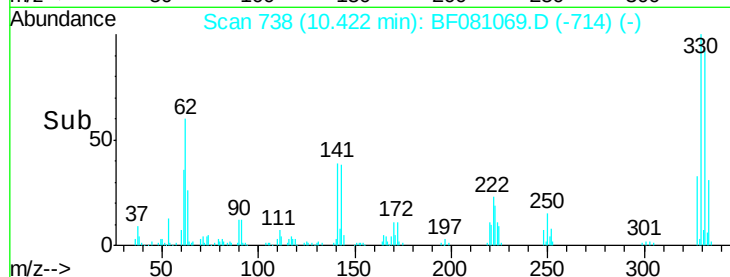
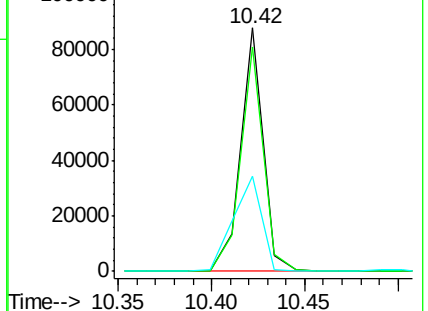
141 50.0 44.9 67.3



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: 26.13 ng

RT: 8.88 min Scan# 603

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

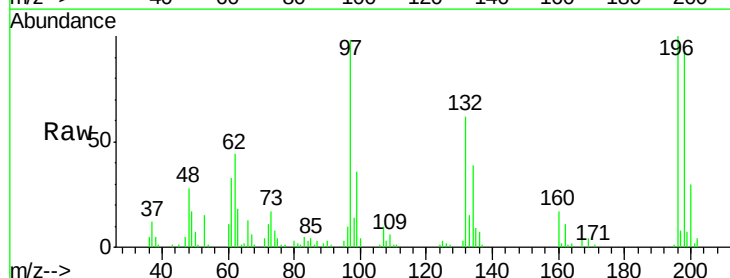
Tgt Ion:196 Resp: 63790

Ion Ratio Lower Upper

196 100

198 93.5 74.6 111.8

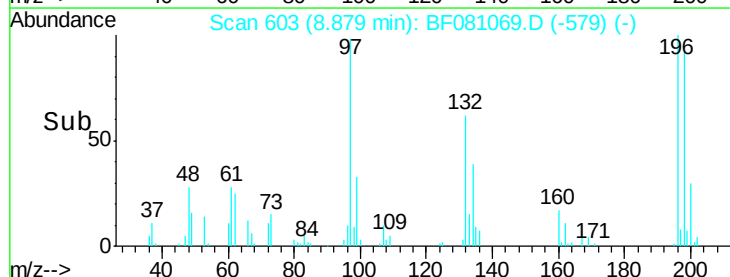
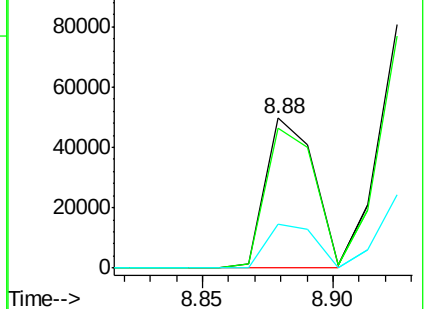
200 29.8 22.7 34.1

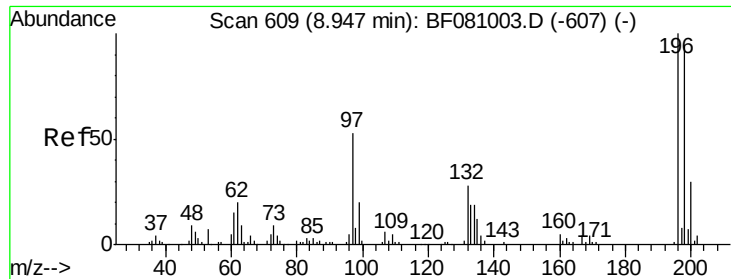


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

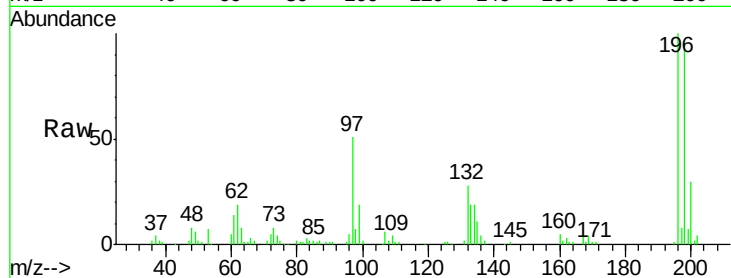




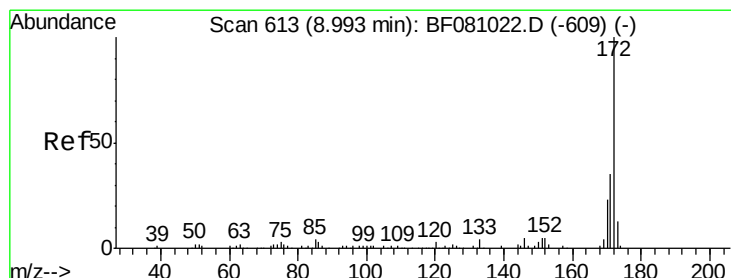
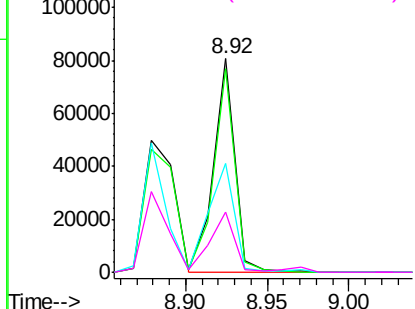
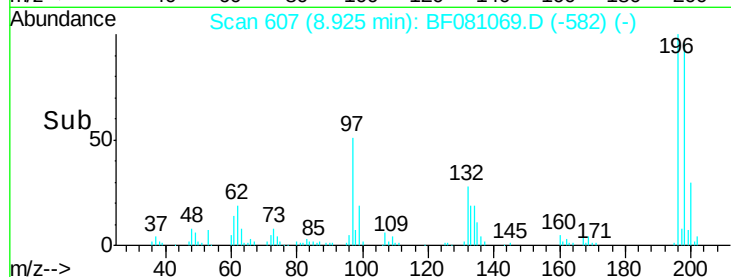
#43
 2,4,5-Trichlorophenol
 Concen: 30.23 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 73749
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.3 117.5
 97 50.8 42.7 64.1
 132 28.3 23.3 34.9

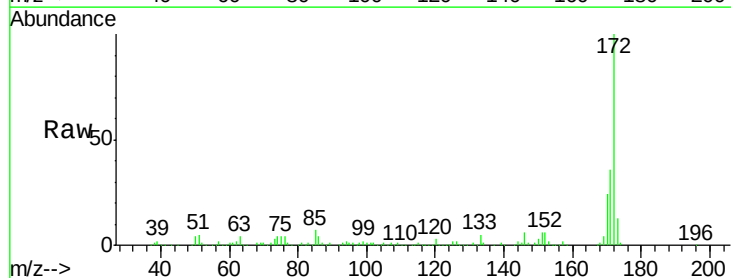


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

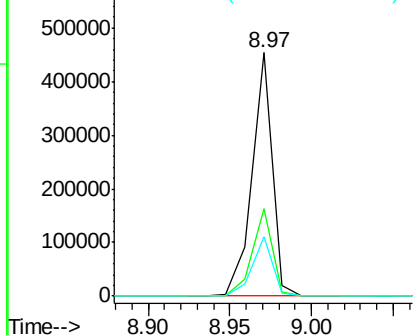
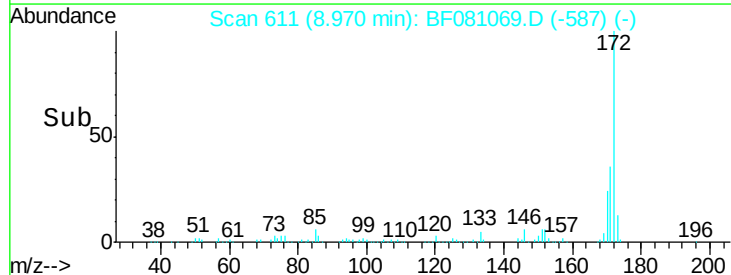


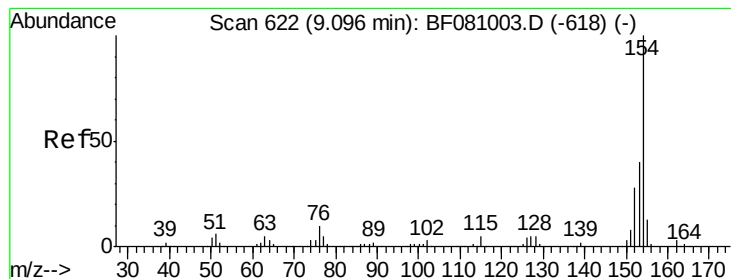
#44
 2-Fluorobiphenyl
 Concen: 47.76 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion:172 Resp: 390299
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 24.4 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 27.69 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

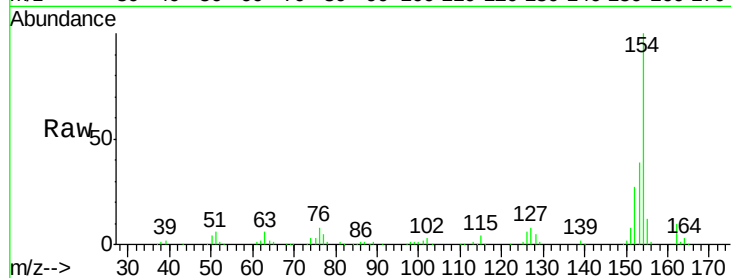
Tot Ion:154 Resp: 261153

Ion Ratio Lower Upper

154 100

153 38.8 19.5 59.5

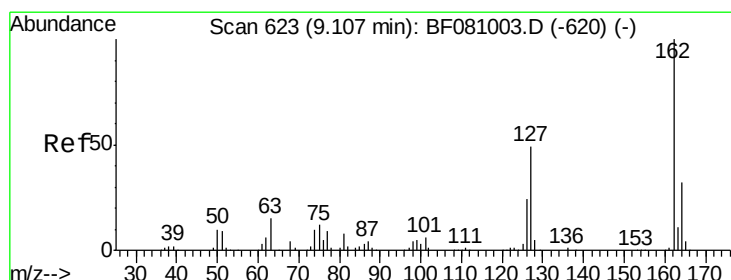
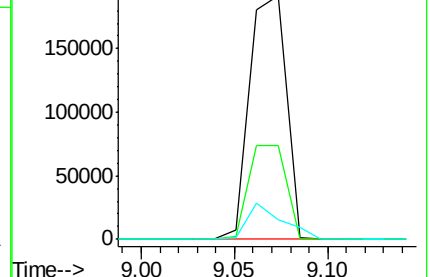
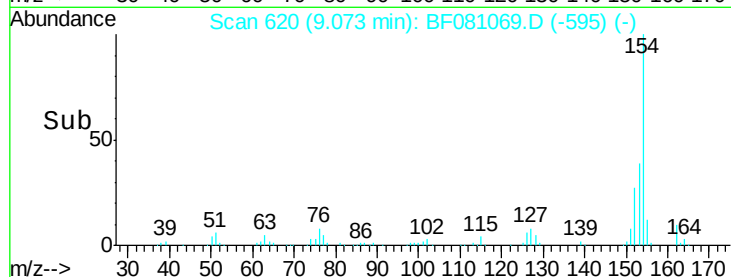
76 7.9 0.0 29.3



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: 25.18 ng

RT: 9.08 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

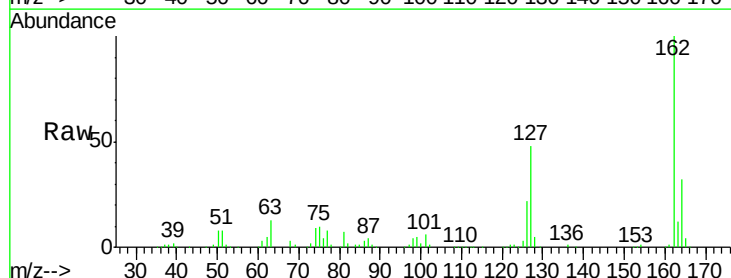
Tgt Ion:162 Resp: 190805

Ion Ratio Lower Upper

162 100

127 47.8 31.3 46.9#

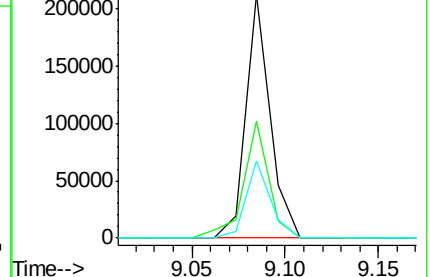
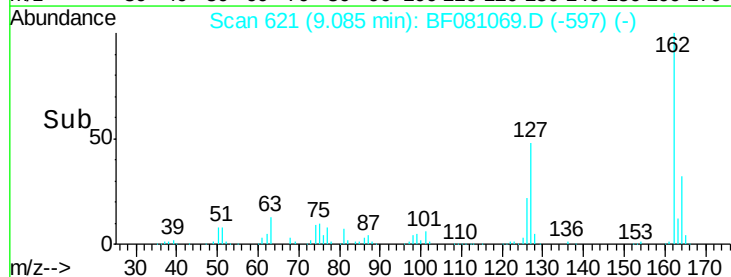
164 31.9 26.3 39.5

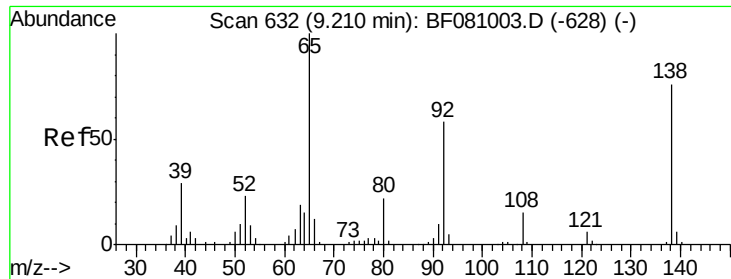


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

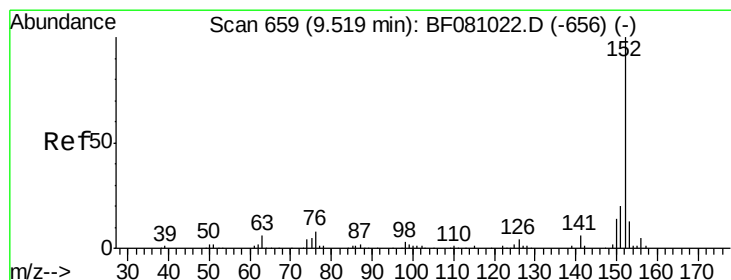
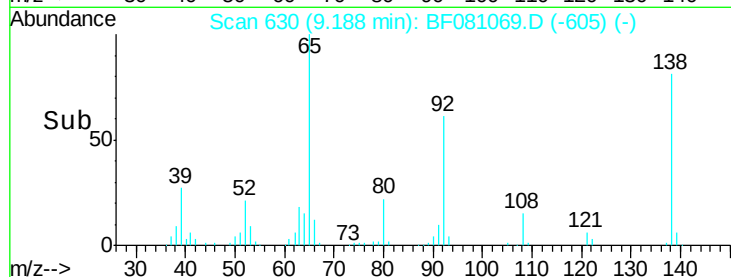
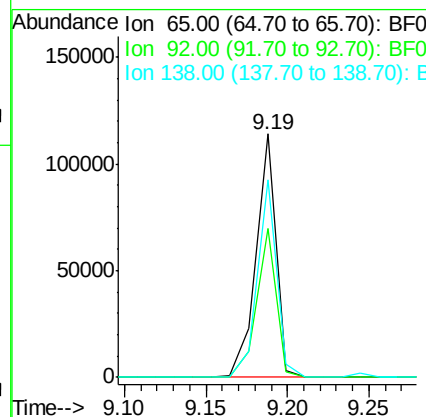
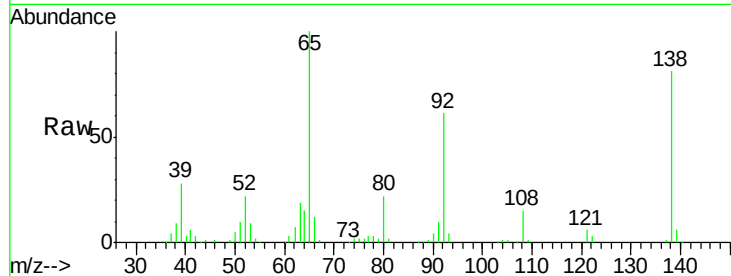




#47
2-Nitroaniline
Concen: 31.27 ng
RT: 9.19 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

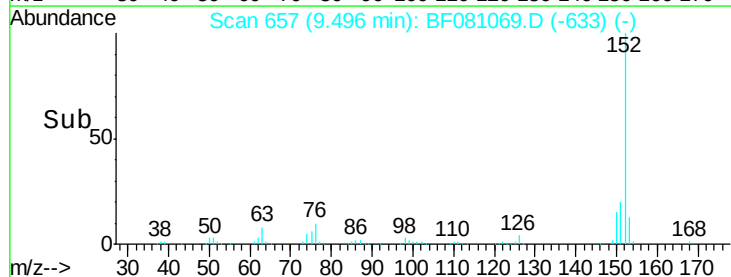
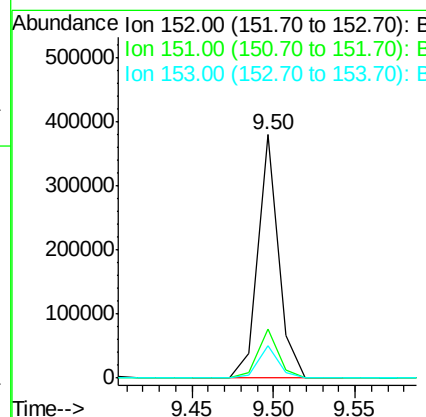
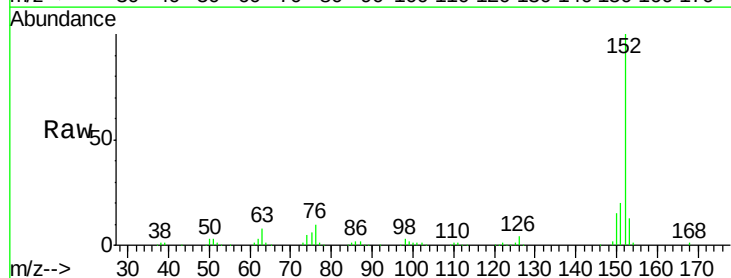
Instrument :
BNA_F
ClientSampleId :

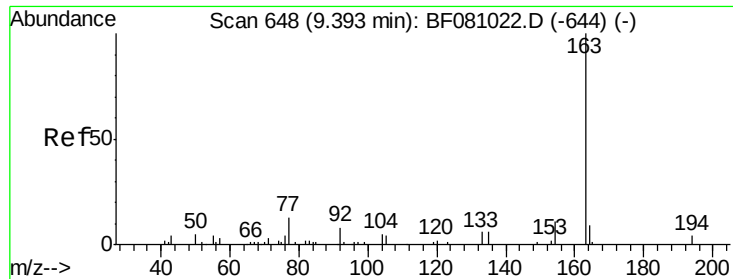
Tot Ion	Ratio	Lower	Upper
65	100		
92	61.3	45.6	68.4
138	81.2	57.9	86.9



#48
Acenaphthylene
Concen: 24.67 ng
RT: 9.50 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.2	9.8	14.6





#49

Dimethylphthalate

Concen: 40.36 ng

RT: 9.38 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

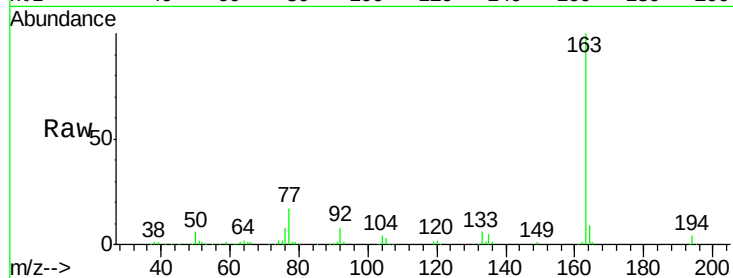
Tot Ion:163 Resp: 355950

Ion Ratio Lower Upper

163 100

194 3.5 2.5 3.7

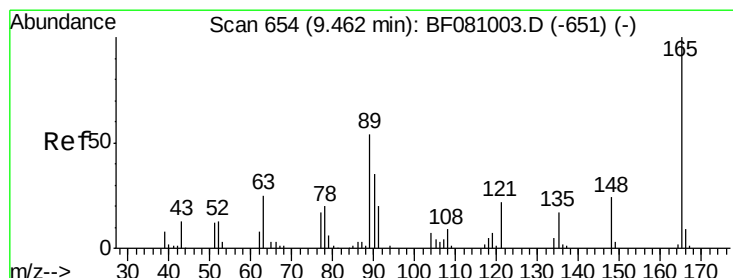
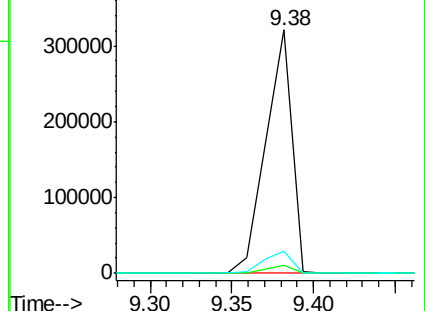
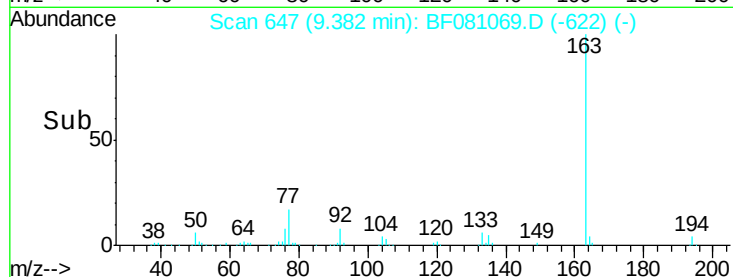
164 9.3 8.1 12.1



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: 28.71 ng

RT: 9.44 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

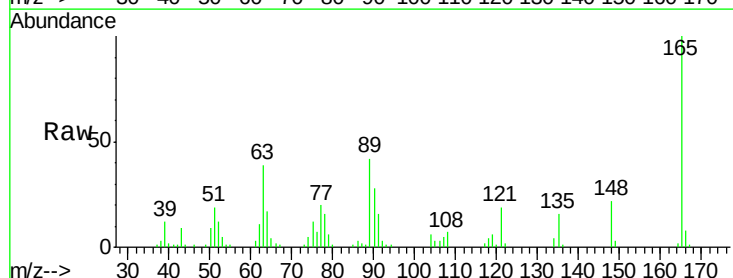
Tgt Ion:165 Resp: 54353

Ion Ratio Lower Upper

165 100

63 39.3 49.5 74.3#

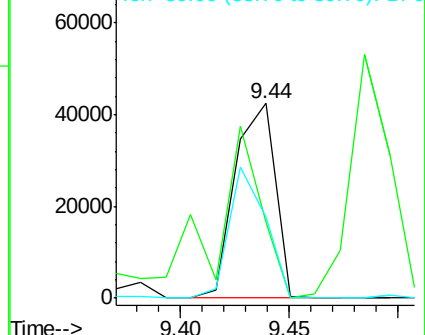
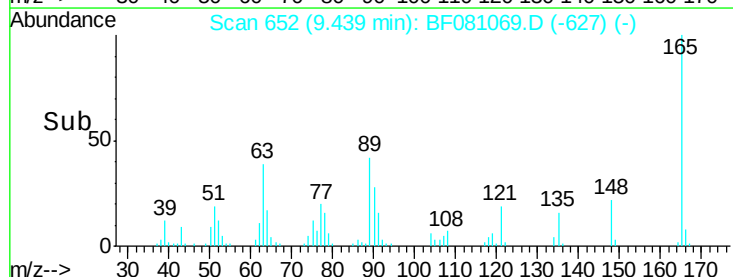
89 41.9 47.6 71.4#

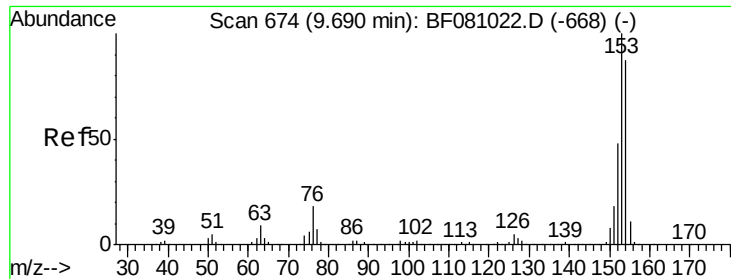


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 25.41 ng

RT: 9.67 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

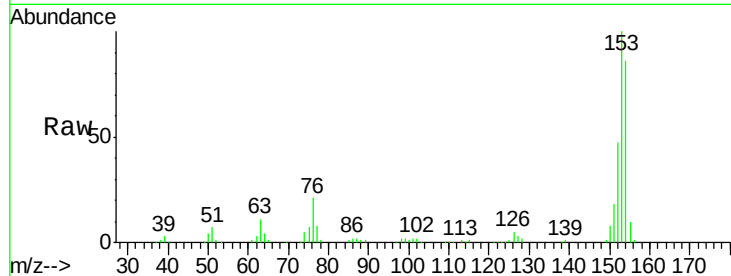
Tot Ion:154 Resp: 206197

Ion Ratio Lower Upper

154 100

153 115.7 91.4 137.2

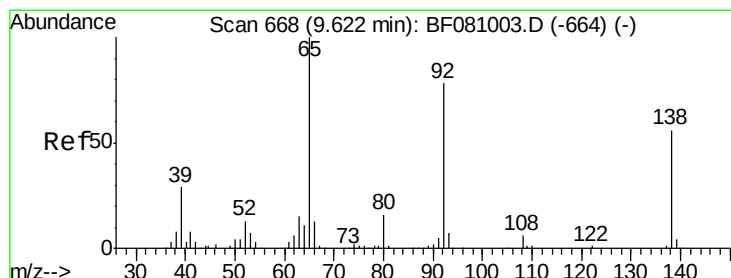
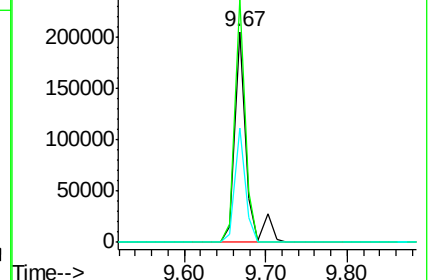
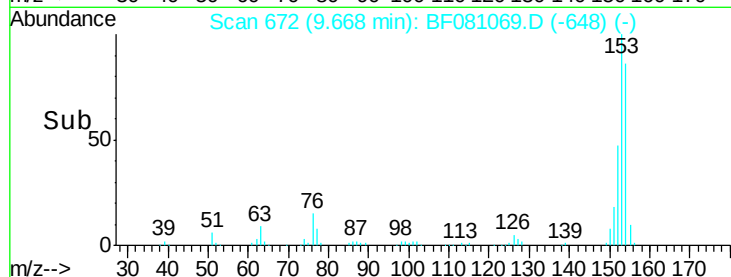
152 54.6 43.7 65.5



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: 25.86 ng

RT: 9.60 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

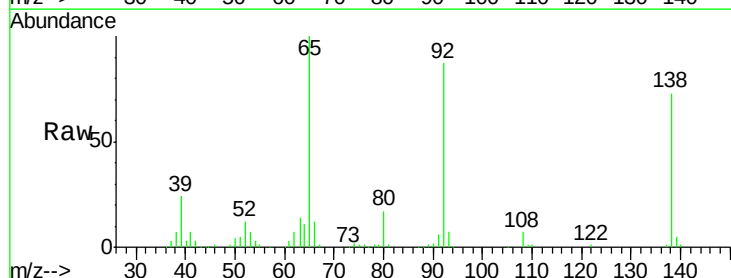
Tgt Ion:138 Resp: 61270

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.2

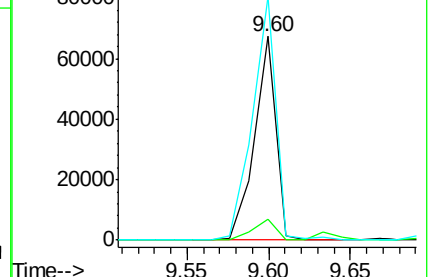
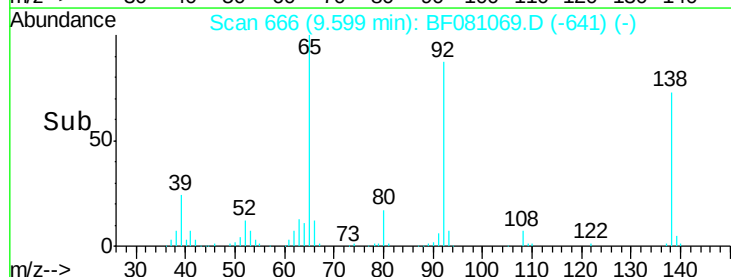
92 119.7 113.2 169.8

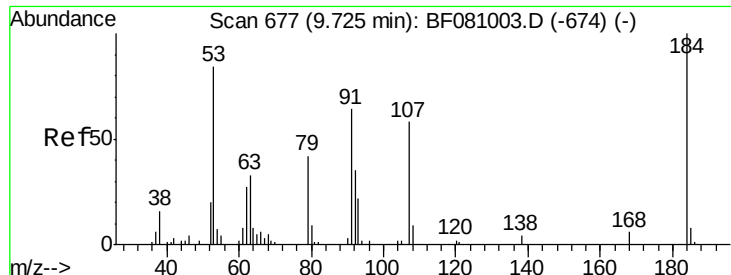


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

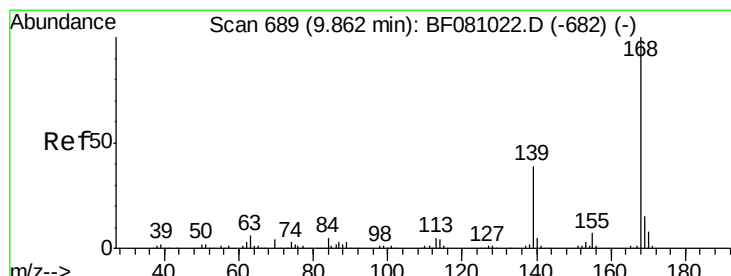
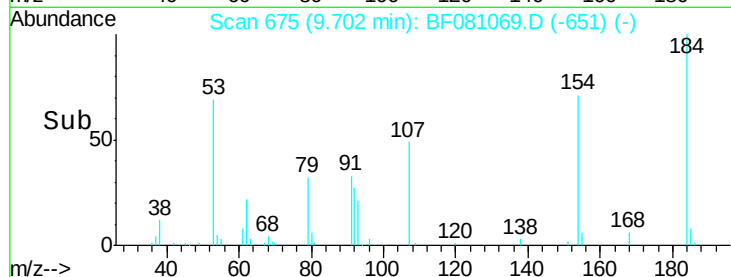
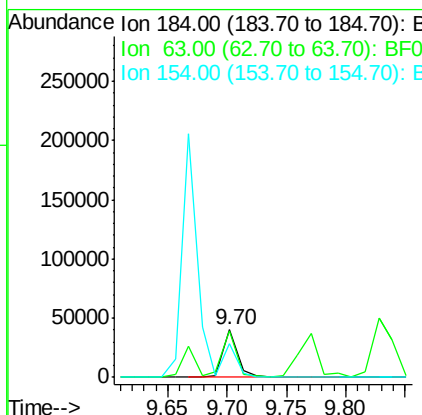
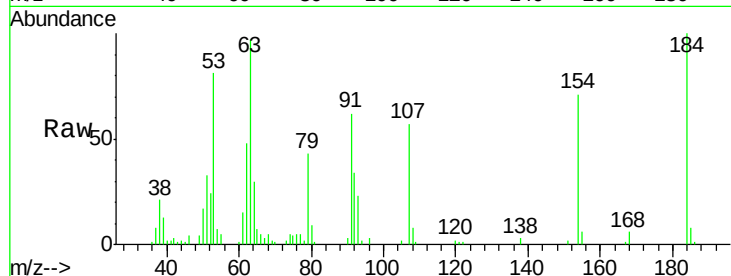




#53
 2,4-Dinitrophenol
 Concen: 38.55 ng
 RT: 9.70 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

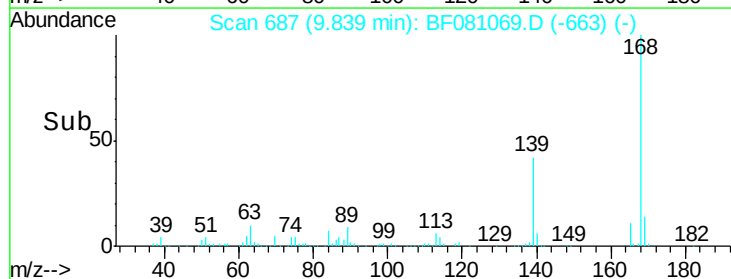
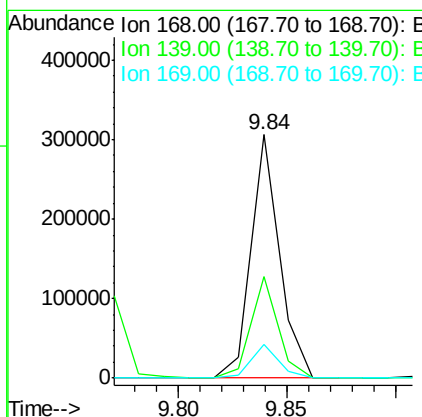
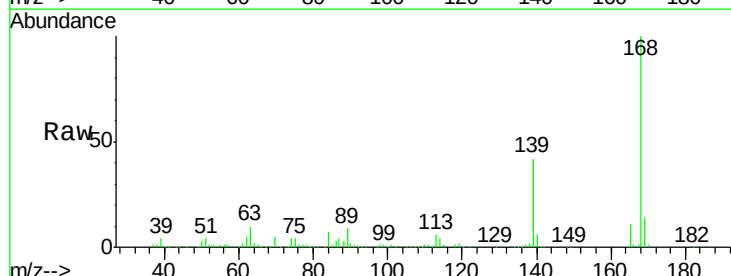
Instrument :
 BNA_F
 ClientSampled :

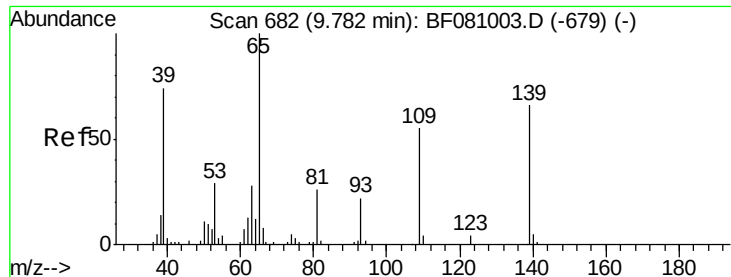
Tot Ion:184 Resp: 35157
 Ion Ratio Lower Upper
 184 100
 63 96.8 101.7 152.5#
 154 70.7 67.4 101.0



#54
 Dibenzofuran
 Concen: 25.56 ng
 RT: 9.84 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion:168 Resp: 277966
 Ion Ratio Lower Upper
 168 100
 139 41.9 29.3 43.9
 169 13.7 10.3 15.5





#55

4-Nitrophenol

Concen: 61.93 ng

RT: 9.77 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

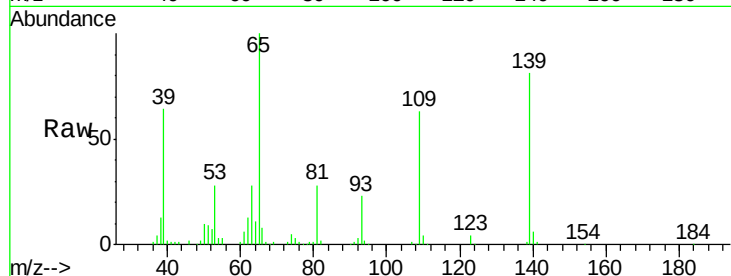
Tot Ion:139 Resp: 103066

Ion Ratio Lower Upper

139 100

109 77.4 80.0 120.0#

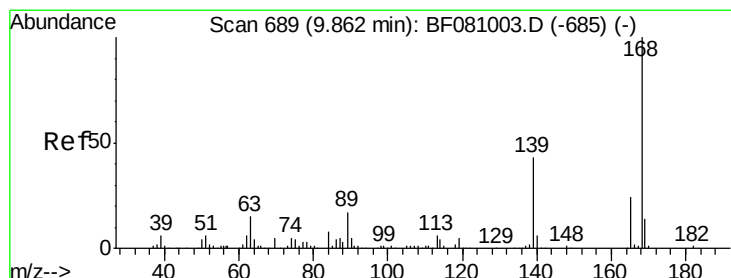
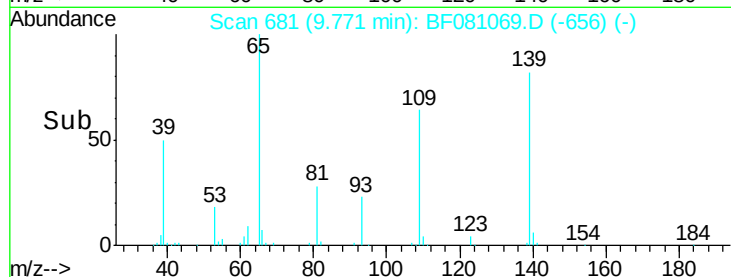
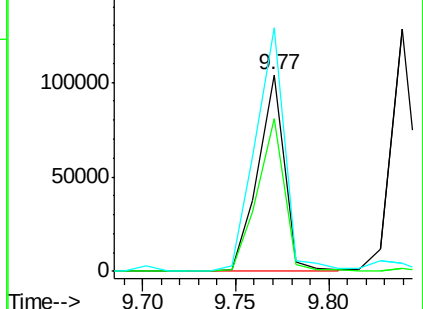
65 123.7 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 26.84 ng

RT: 9.83 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:165 Resp: 67358

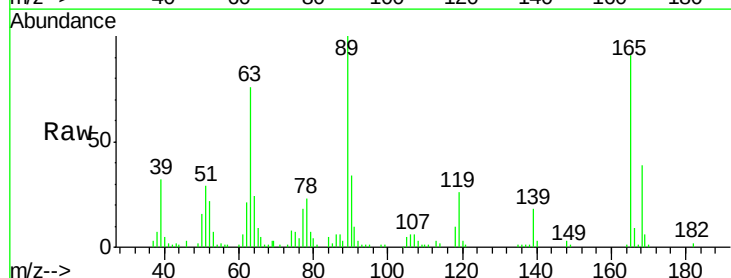
Ion Ratio Lower Upper

165 100

63 83.6 52.2 78.4#

89 110.0 60.1 90.1#

182 1.8 1.8 2.6

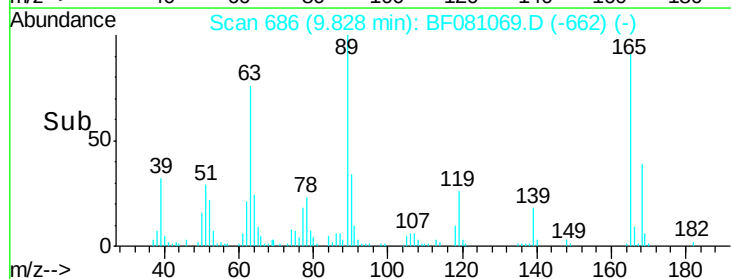
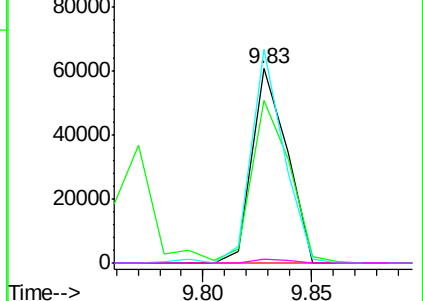


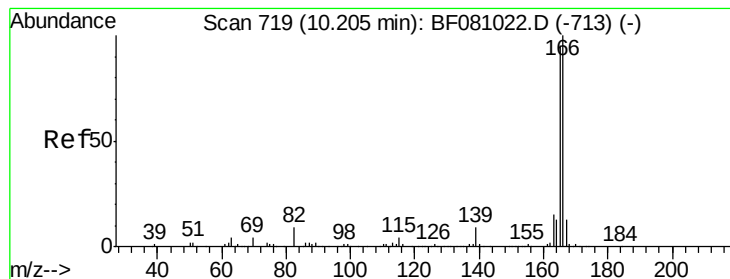
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 29.00 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

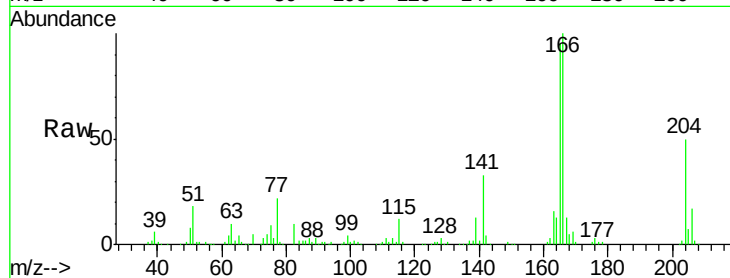
Tot Ion:166 Resp: 242618

Ion Ratio Lower Upper

166 100

165 95.3 75.8 113.8

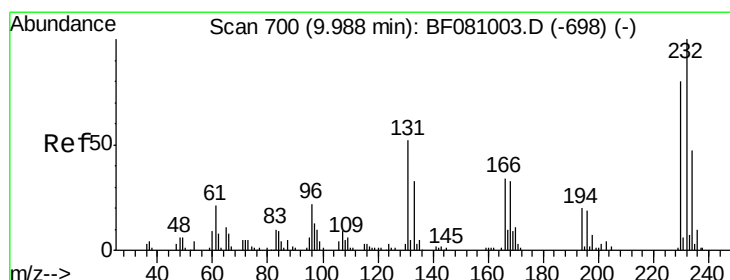
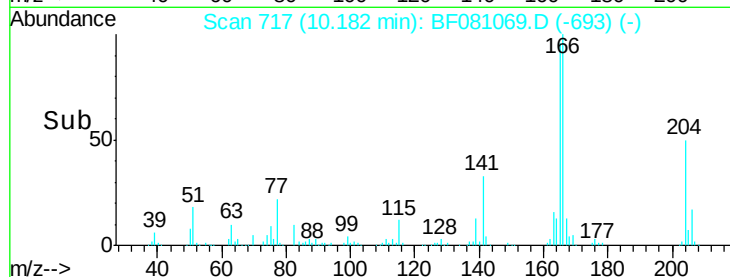
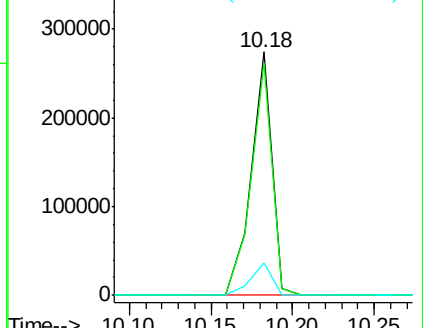
167 13.4 11.3 16.9



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: 31.26 ng

RT: 9.96 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:232 Resp: 59030

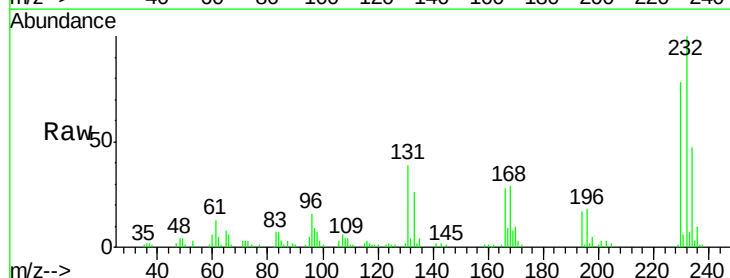
Ion Ratio Lower Upper

232 100

131 51.3 42.2 63.4

130 2.6 2.1 3.1

166 31.9 22.4 33.6

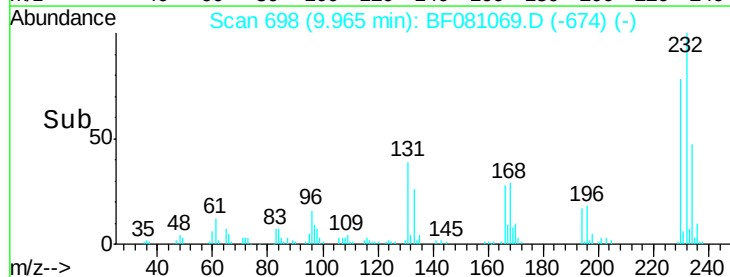
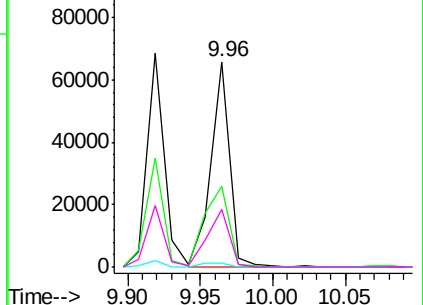


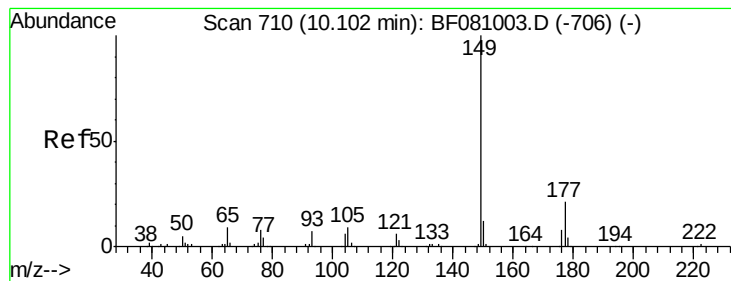
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 29.52 ng

RT: 10.08 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

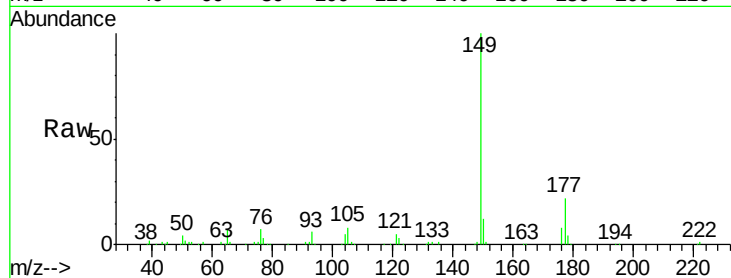
Tot Ion:149 Resp: 275537

Ion Ratio Lower Upper

149 100

177 22.1 14.1 21.1#

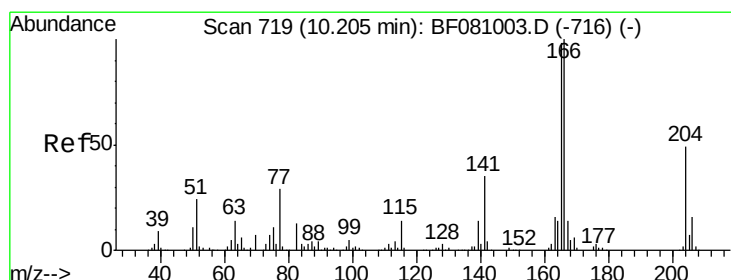
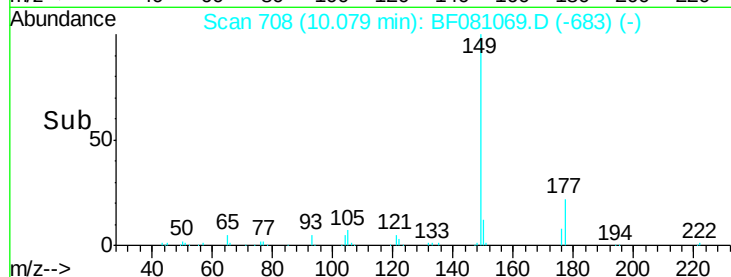
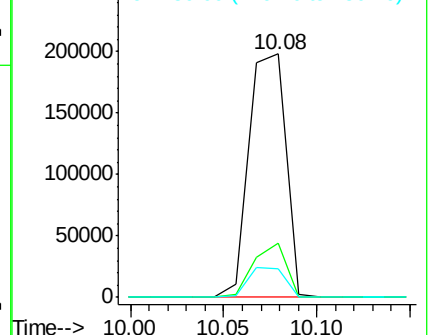
150 11.8 10.3 15.5



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: 32.01 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

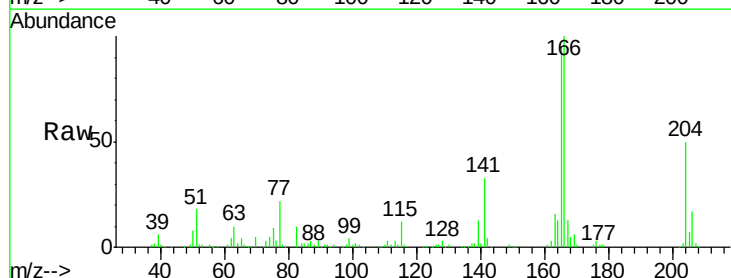
Tgt Ion:204 Resp: 113321

Ion Ratio Lower Upper

204 100

206 34.0 26.2 39.2

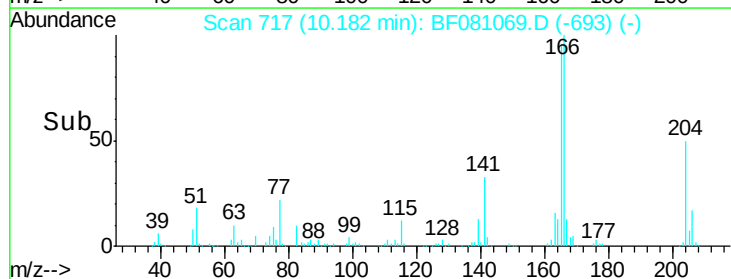
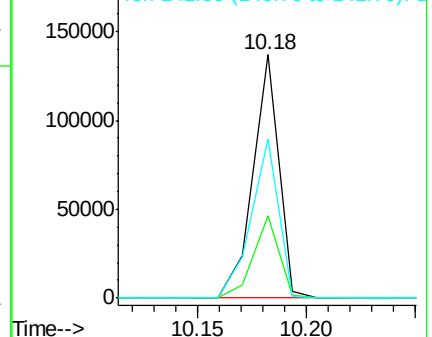
141 65.5 59.6 89.4

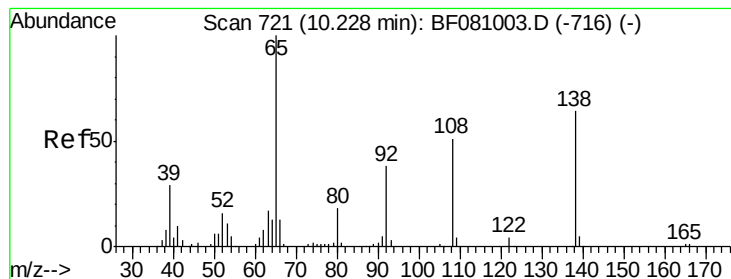


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

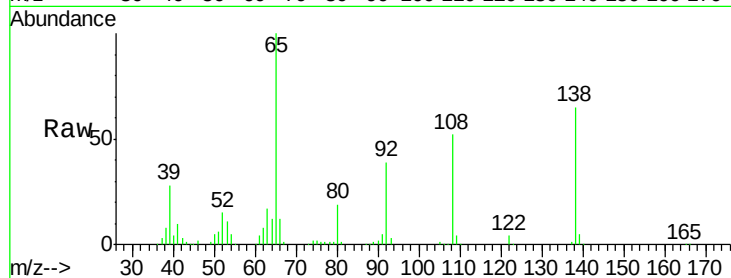




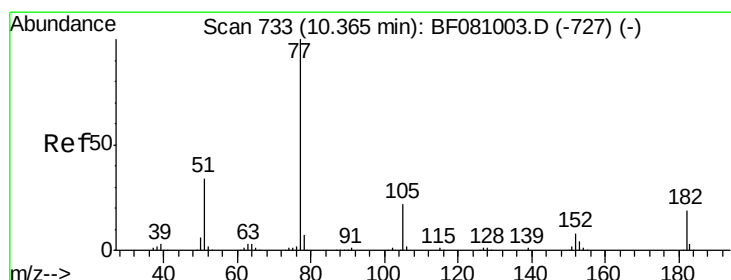
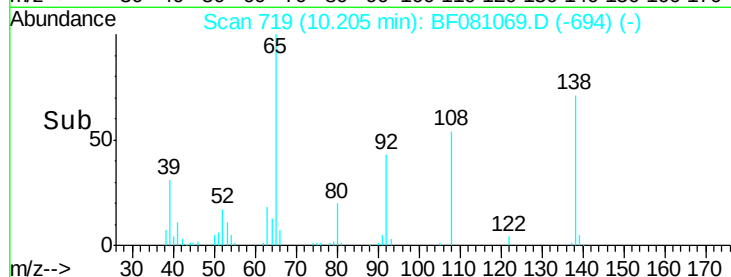
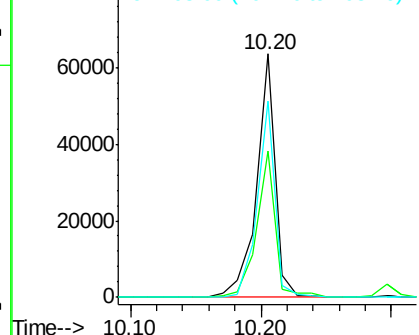
#61
4-Nitroaniline
Concen: 26.09 ng
RT: 10.20 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 63194
Ion Ratio Lower Upper
138 100
92 60.1 34.7 74.7
108 80.6 68.9 108.9

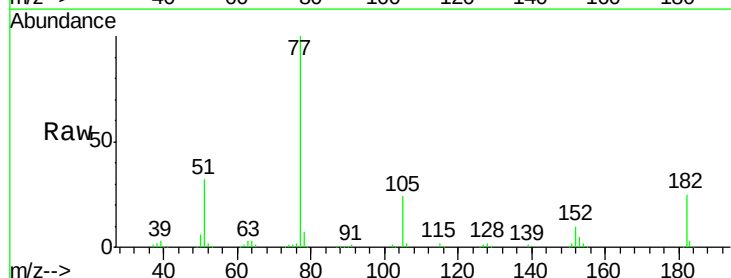


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

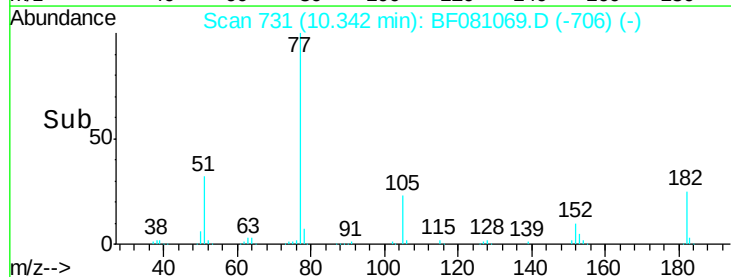
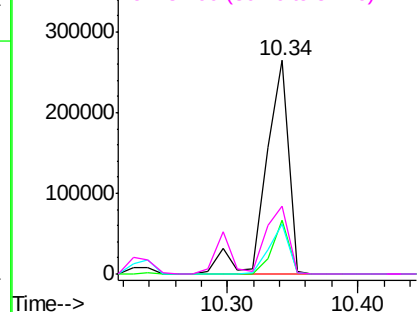


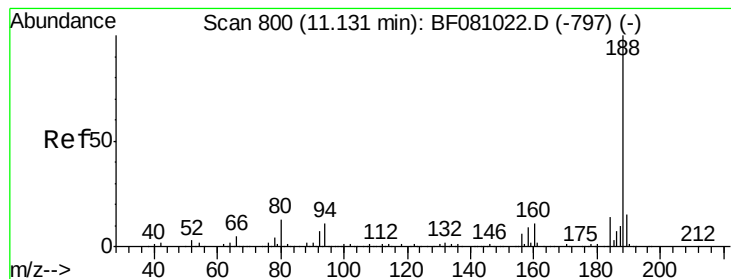
#62
Azobenzene
Concen: 30.11 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion: 77 Resp: 323914
Ion Ratio Lower Upper
77 100
182 25.3 0.0 39.0
105 23.6 0.2 40.2
51 31.8 18.0 58.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

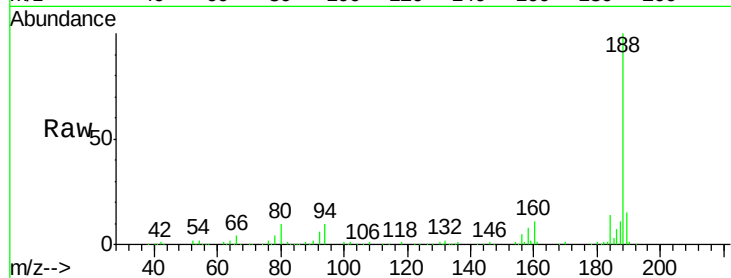
Tot Ion:188 Resp: 239603

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

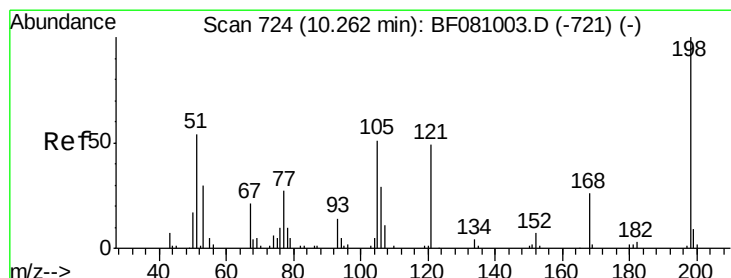
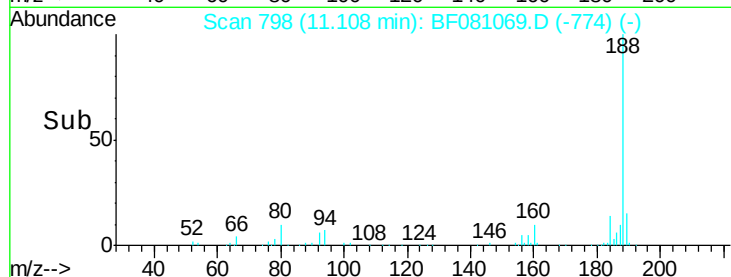
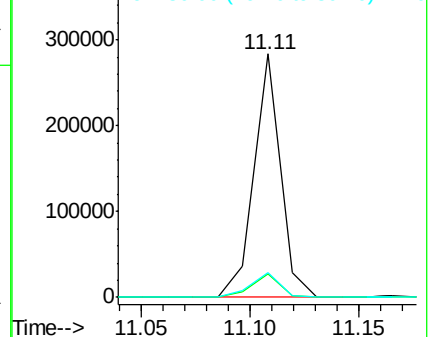
80 10.4 9.5 14.3



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: 28.16 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

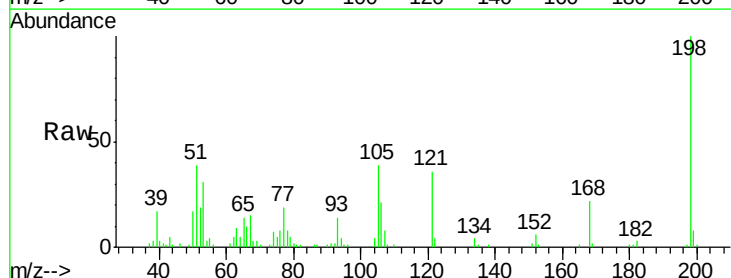
Tgt Ion:198 Resp: 40295

Ion Ratio Lower Upper

198 100

51 38.9 79.7 119.7#

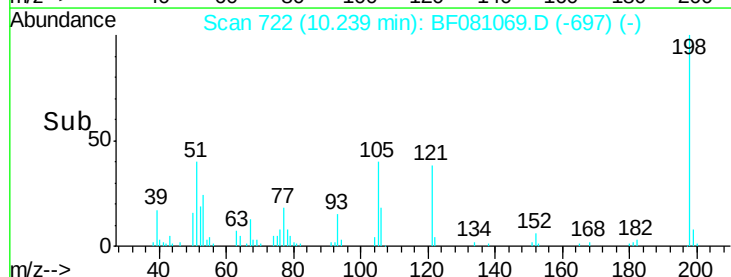
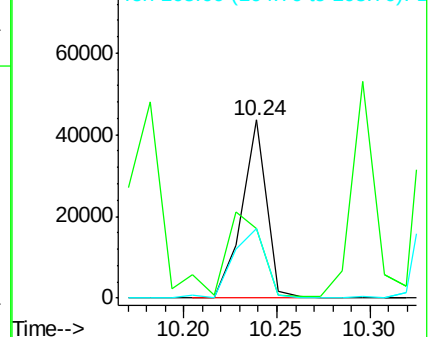
105 39.2 47.0 87.0#

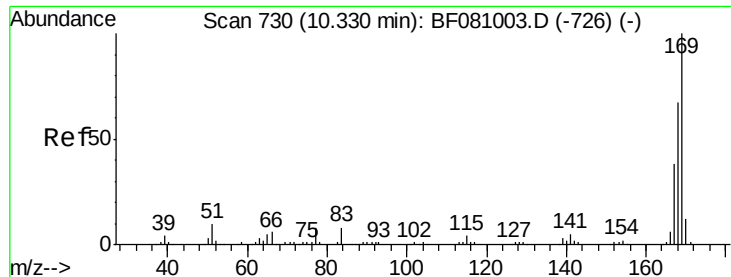


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

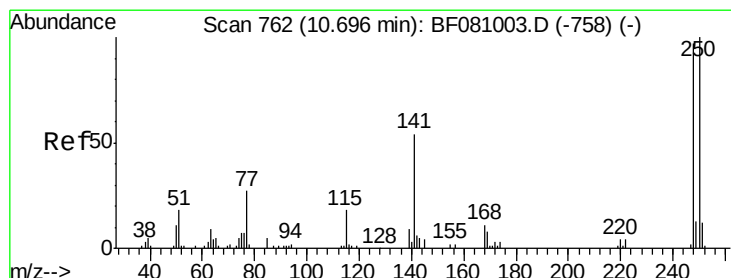
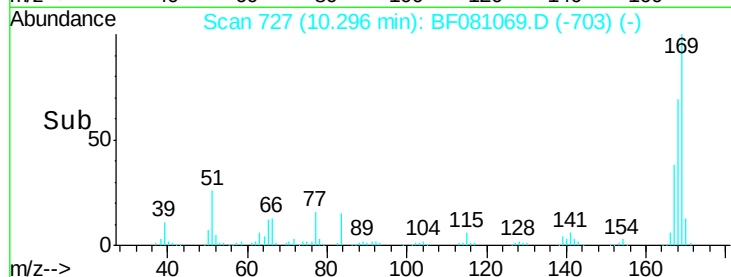
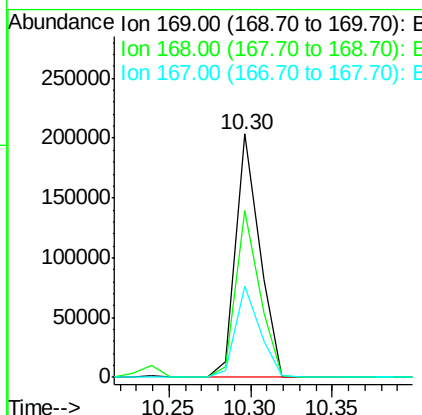
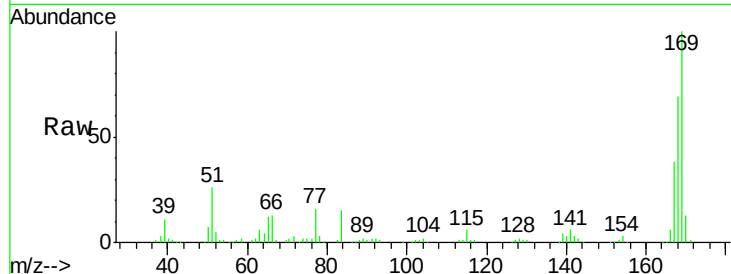




#65
 n-Nitrosodiphenylamine
 Concen: 23.99 ng
 RT: 10.30 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

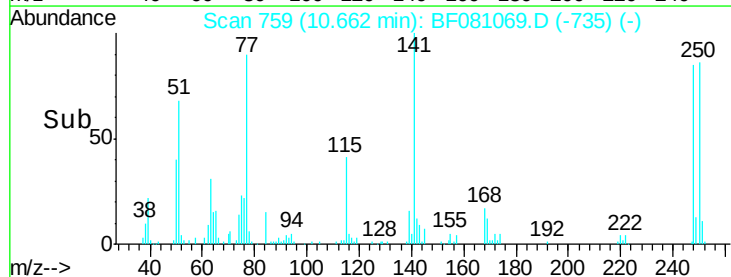
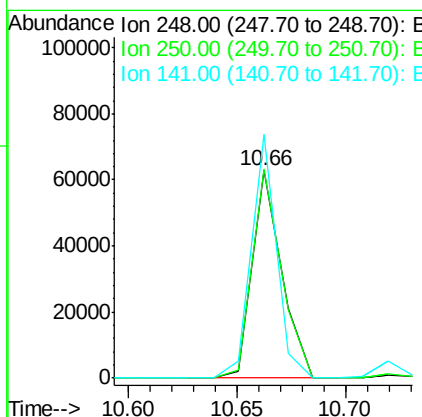
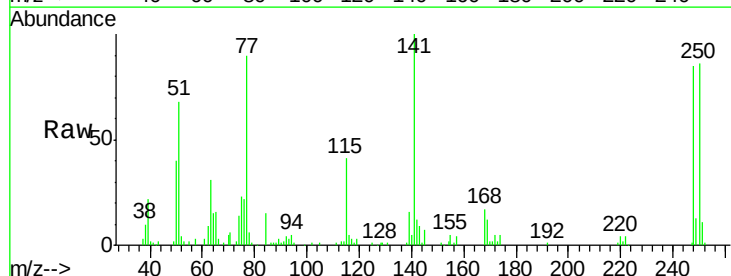
Instrument :
 BNA_F
 ClientSampleId :

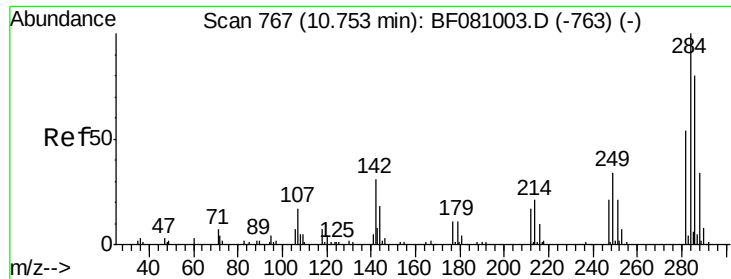
Tot Ion	169	Resp	205161
Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.3	82.9
167	37.7	30.8	46.2



#66
 4-Bromophenyl-phenylether
 Concen: 25.07 ng
 RT: 10.66 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	248	Resp	59018
Ion	Ratio	Lower	Upper
248	100		
250	101.0	77.8	116.6
141	117.4	39.8	59.6#





#67

Hexachlorobenzene

Concen: 25.19 ng

RT: 10.72 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

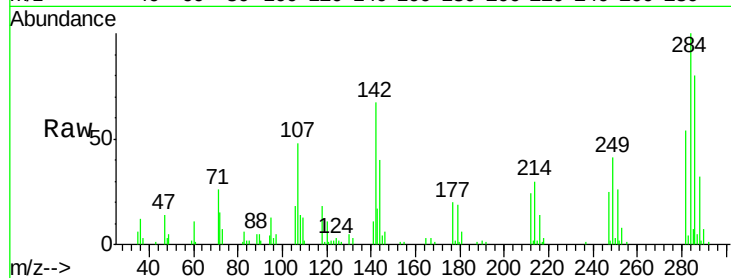
Tot Ion:284 Resp: 60059

Ion Ratio Lower Upper

284 100

142 67.3 25.4 38.0#

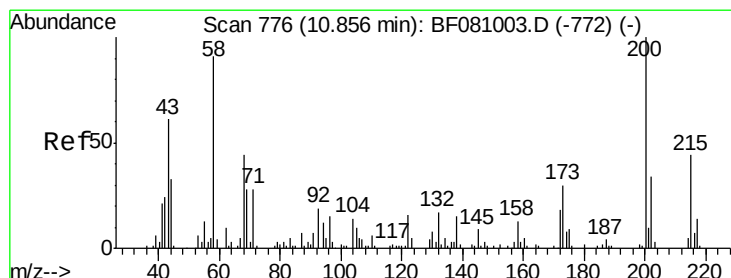
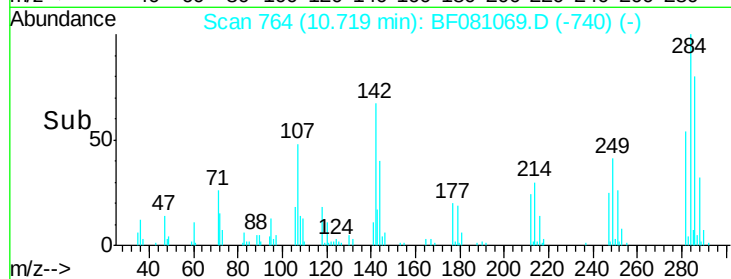
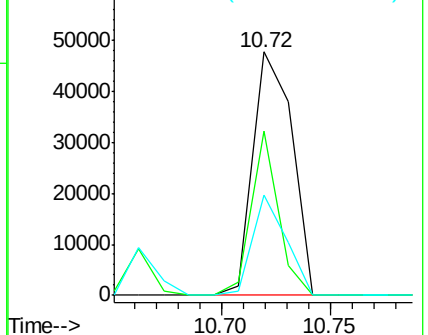
249 41.3 28.5 42.7



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: 31.70 ng

RT: 10.83 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

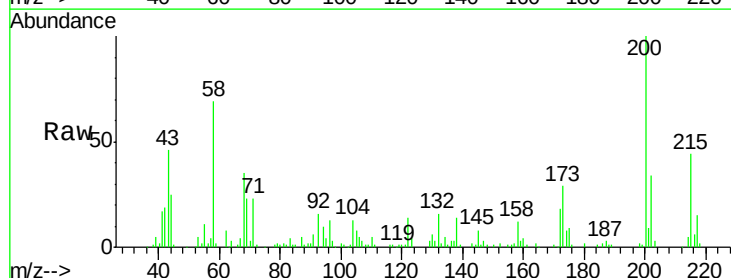
Tgt Ion:200 Resp: 75536

Ion Ratio Lower Upper

200 100

173 28.9 8.1 48.1

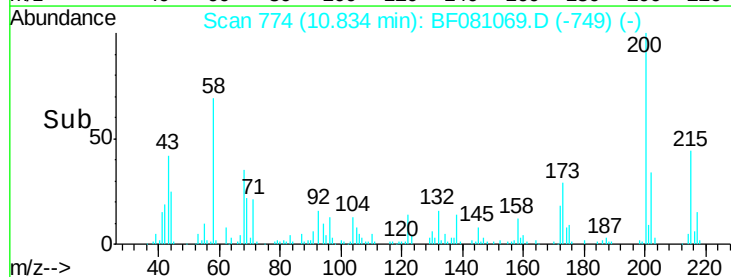
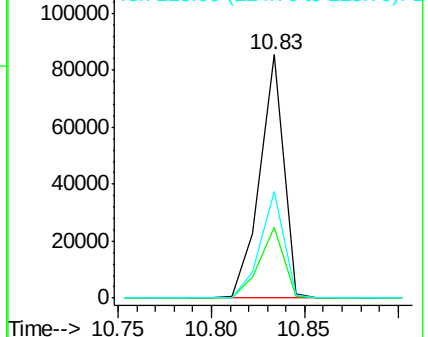
215 43.9 23.3 63.3

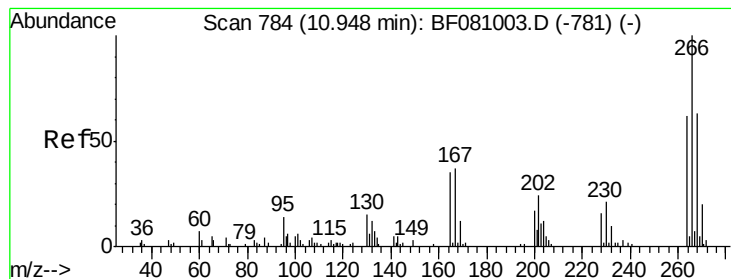


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 49.48 ng

RT: 10.92 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :

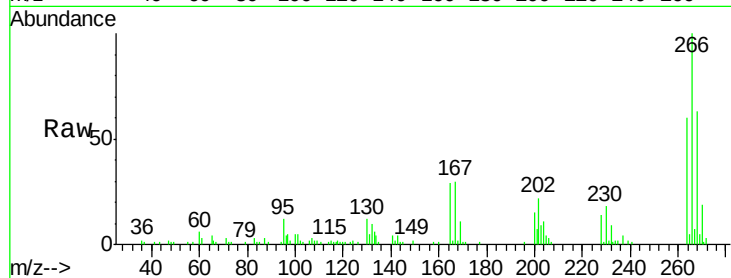
Tot Ion:266 Resp: 70769

Ion Ratio Lower Upper

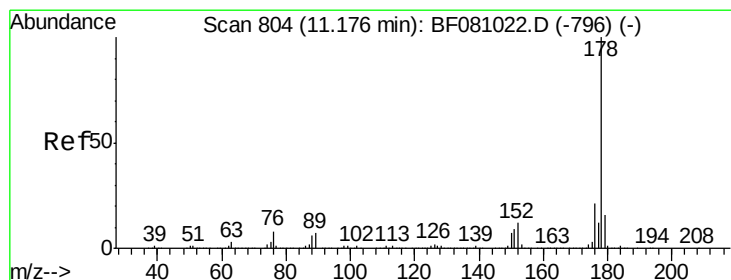
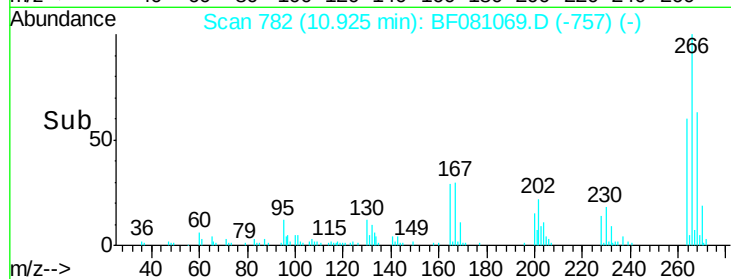
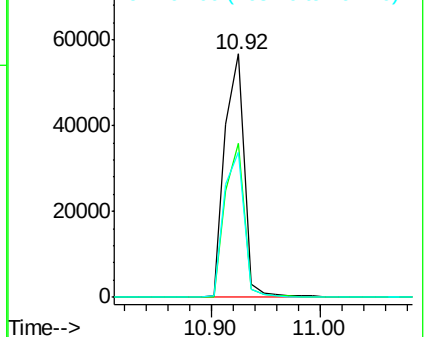
266 100

268 63.3 51.2 76.8

264 59.5 50.6 75.8



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



#70

Phenanthrene

Concen: 24.12 ng

RT: 11.13 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

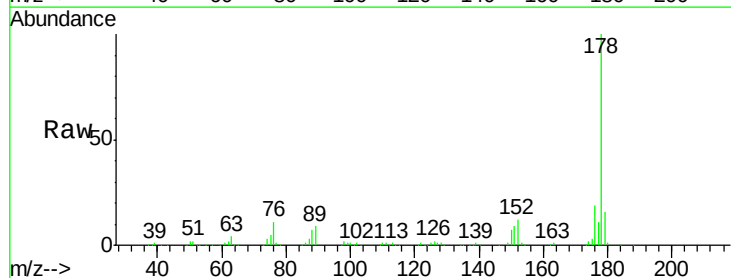
Tgt Ion:178 Resp: 342545

Ion Ratio Lower Upper

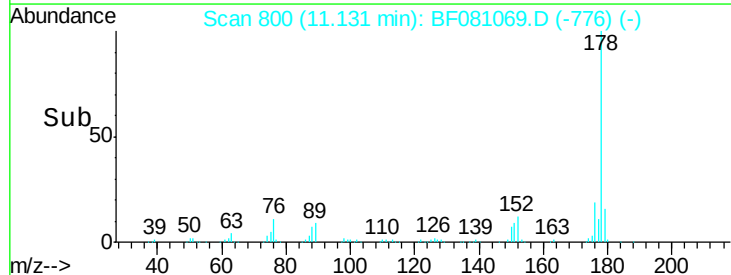
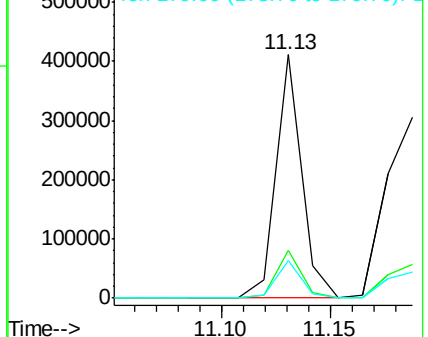
178 100

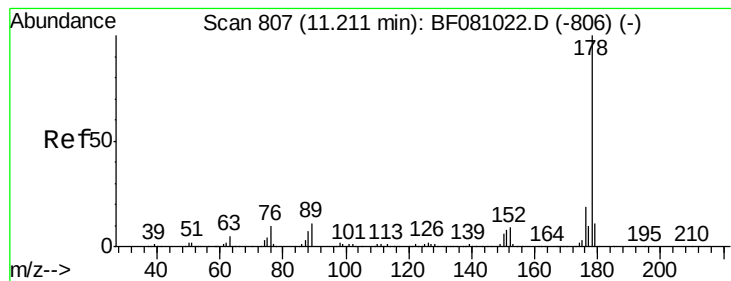
176 19.4 15.7 23.5

179 15.5 12.2 18.2



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





#71

Anthracene

Concen: 26.12 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampled :

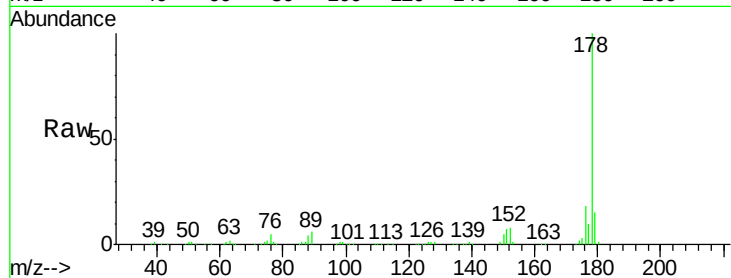
Tot Ion:178 Resp: 360945

Ion Ratio Lower Upper

178 100

176 18.4 15.7 23.5

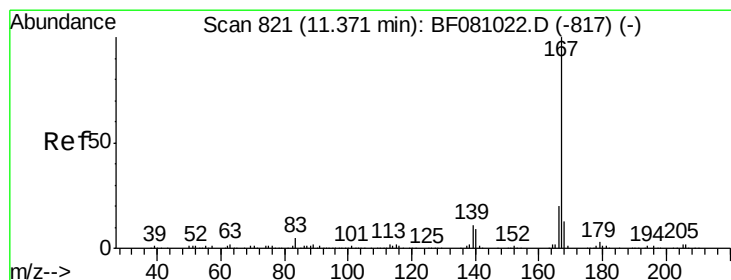
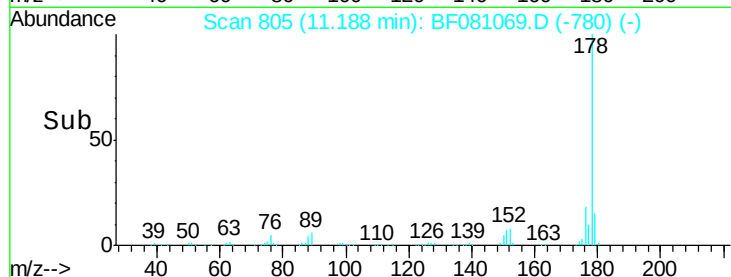
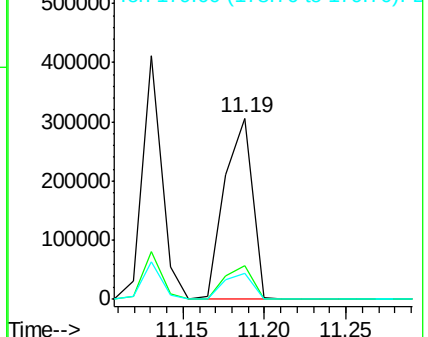
179 14.7 12.7 19.1



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: 26.07 ng

RT: 11.34 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

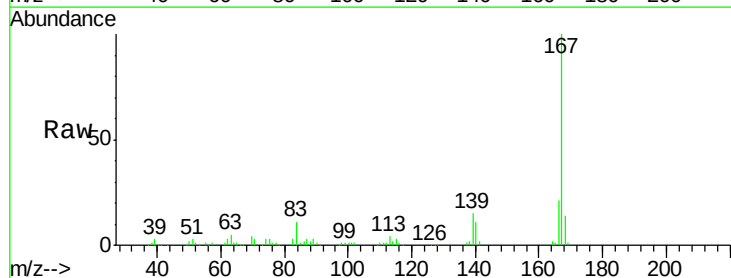
Tgt Ion:167 Resp: 346848

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

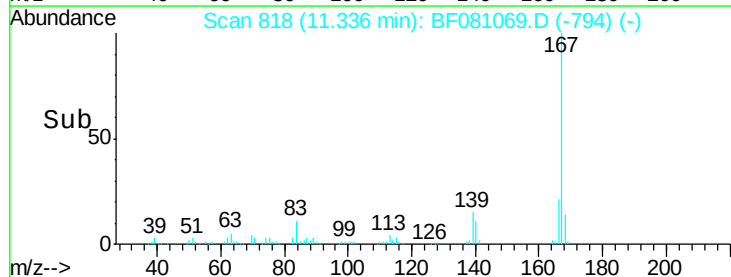
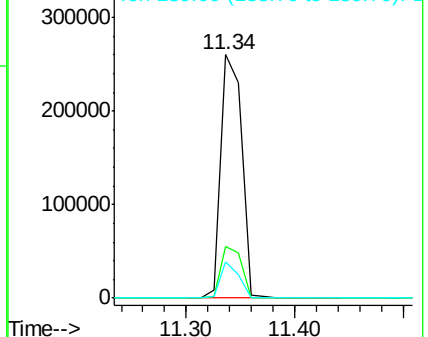
139 14.7 10.6 16.0

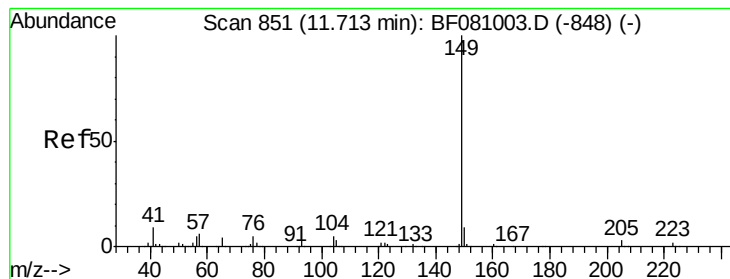


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.23 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

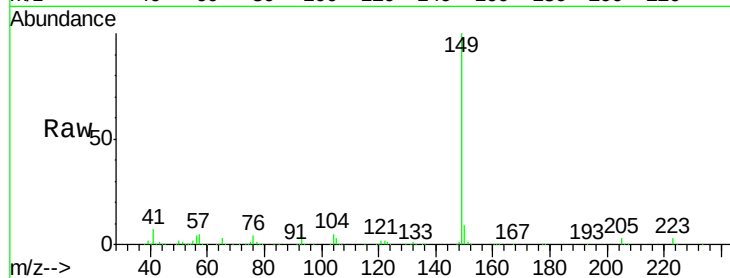
Tot Ion:149 Resp: 502721

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

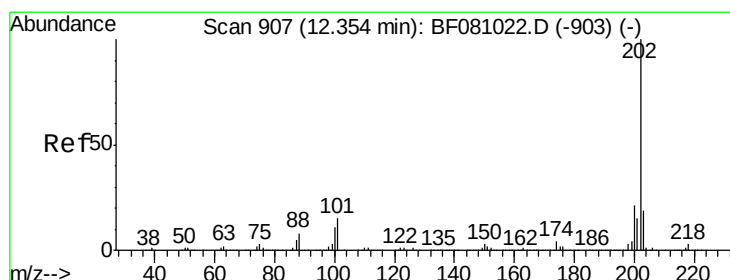
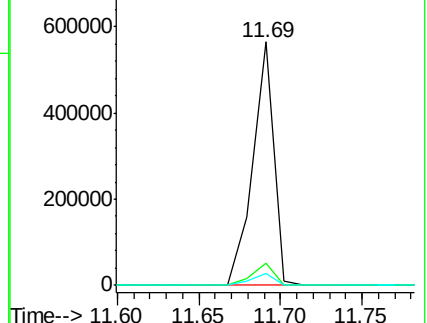
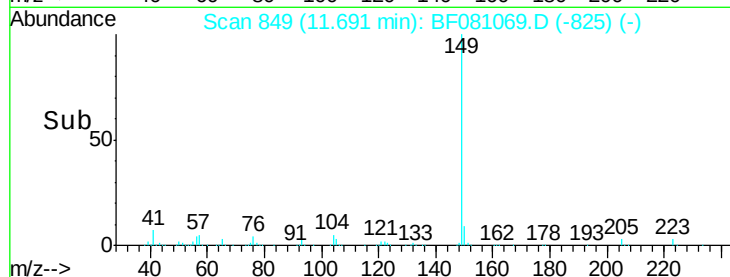
104 4.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 25.22 ng

RT: 12.31 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

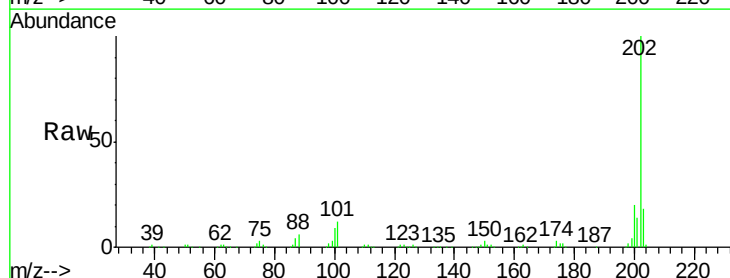
Tgt Ion:202 Resp: 386511

Ion Ratio Lower Upper

202 100

101 12.0 0.0 24.8

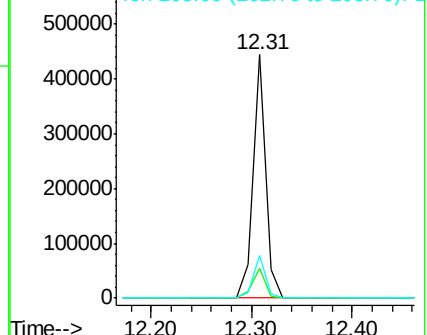
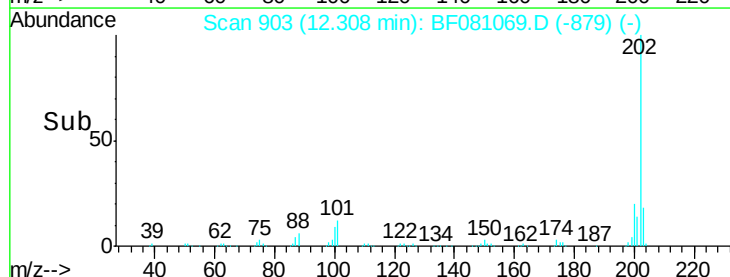
203 17.8 0.0 36.9

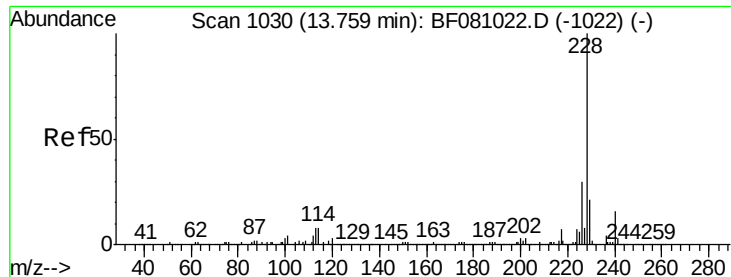


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

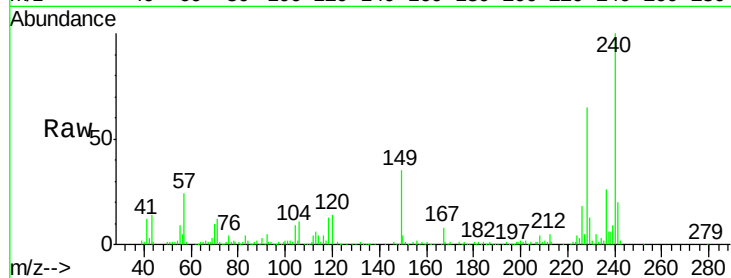
Tot Ion:240 Resp: 191393

Ion Ratio Lower Upper

240 100

120 14.3 5.6 8.4#

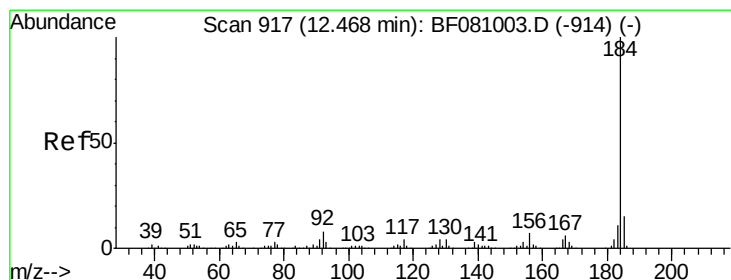
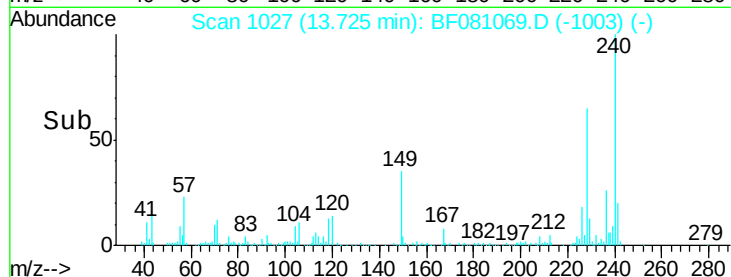
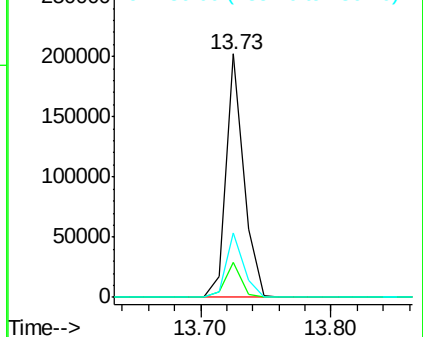
236 26.3 20.6 30.8



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: 24.92 ng

RT: 12.45 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

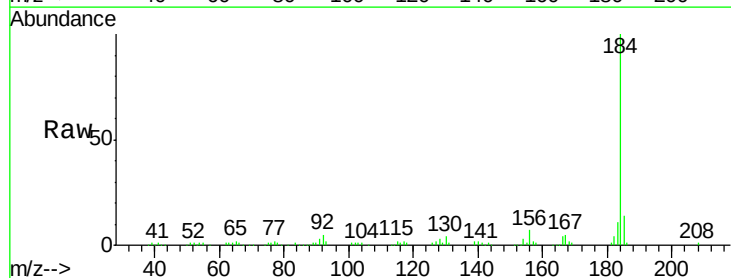
Tgt Ion:184 Resp: 180200

Ion Ratio Lower Upper

184 100

185 13.8 12.0 18.0

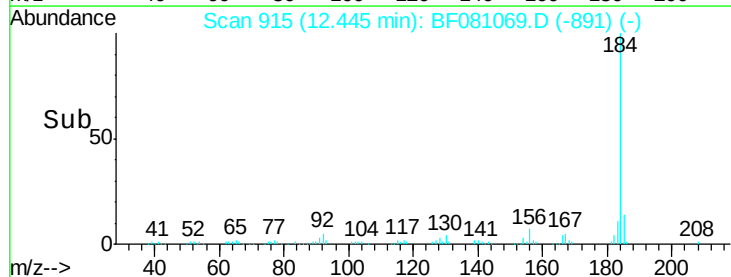
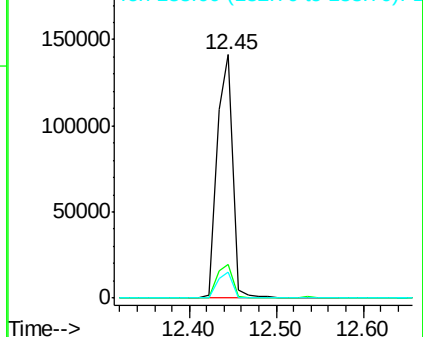
183 10.8 8.9 13.3

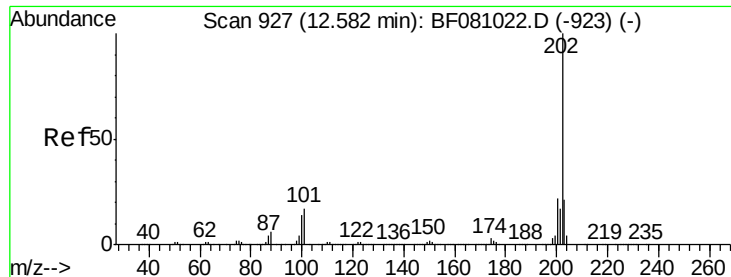


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 27.64 ng

RT: 12.54 min Scan# 923

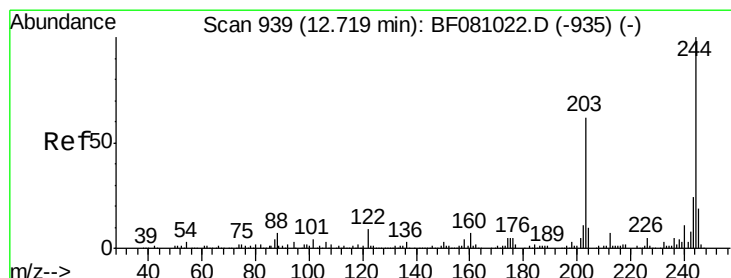
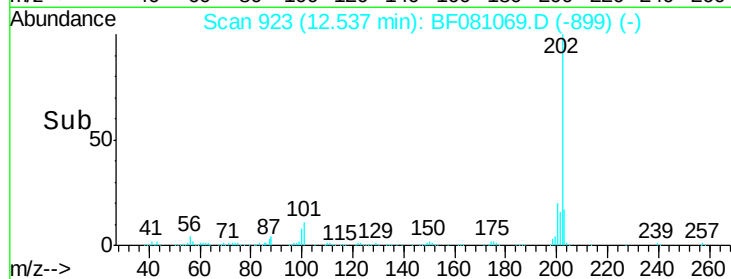
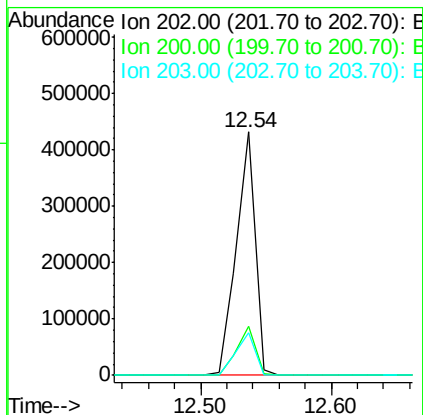
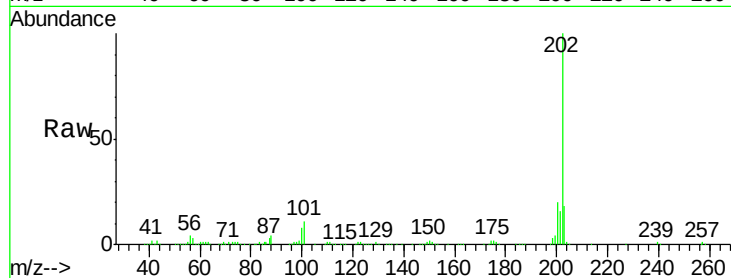
Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	202	Resp:	430000
Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.5	14.1	21.1



#78

Terphenyl-d14

Concen: 46.69 ng

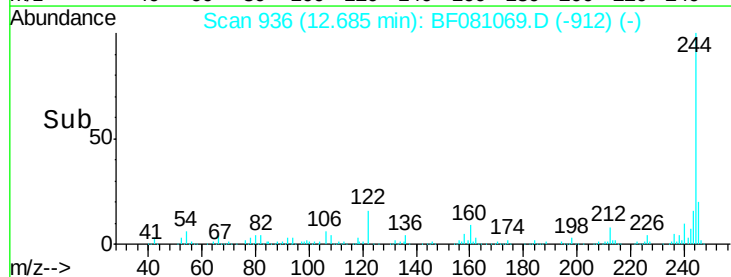
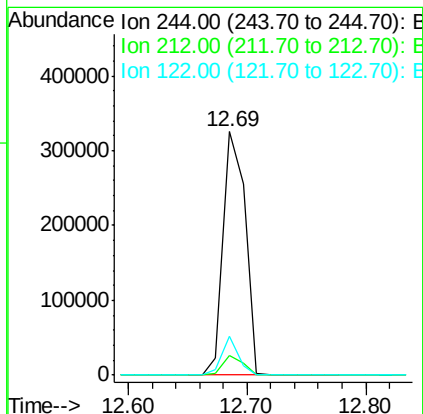
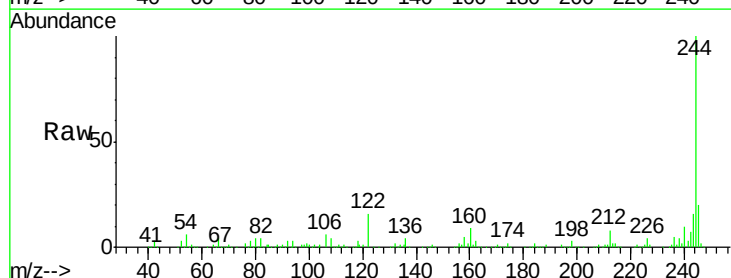
RT: 12.69 min Scan# 936

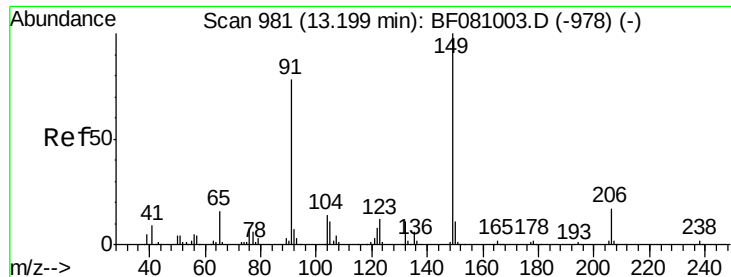
Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Tgt Ion:	244	Resp:	416821
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	16.1	8.2	12.4#

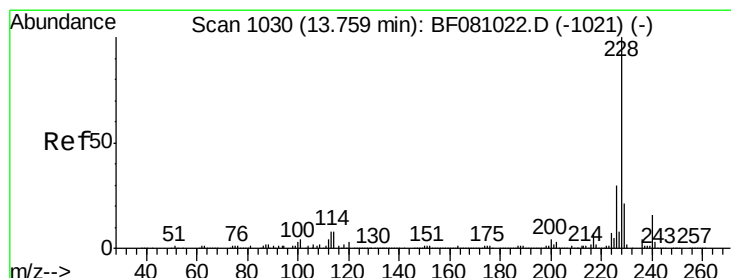
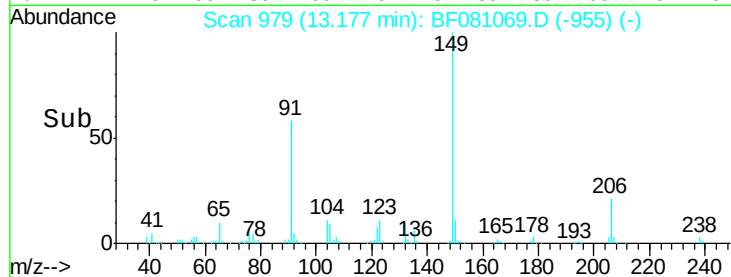
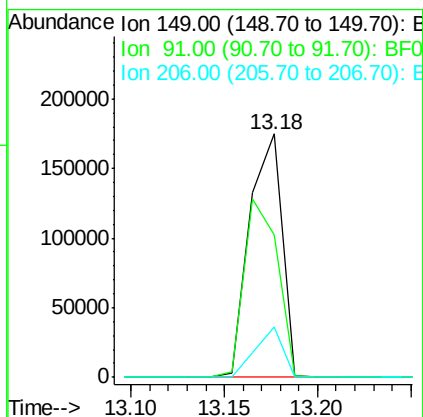
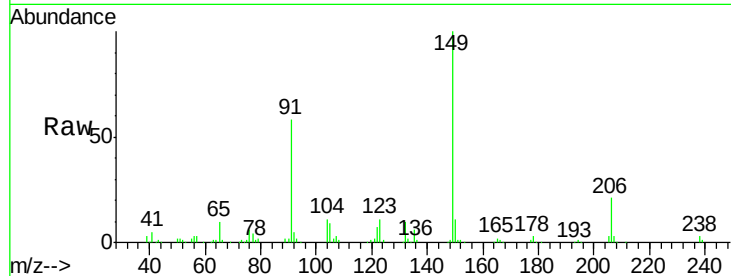




#79
Butylbenzylphthalate
Concen: 32.00 ng
RT: 13.18 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

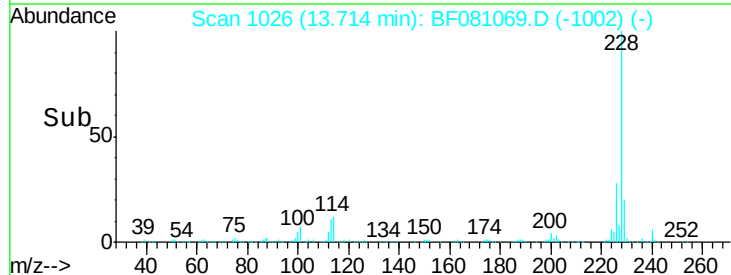
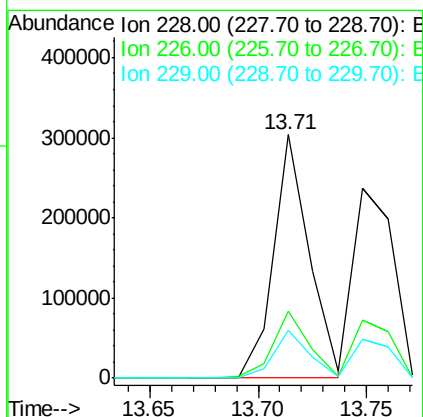
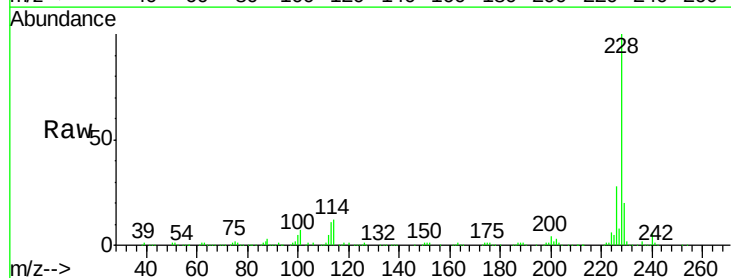
Instrument :
BNA_F
ClientSampleId :

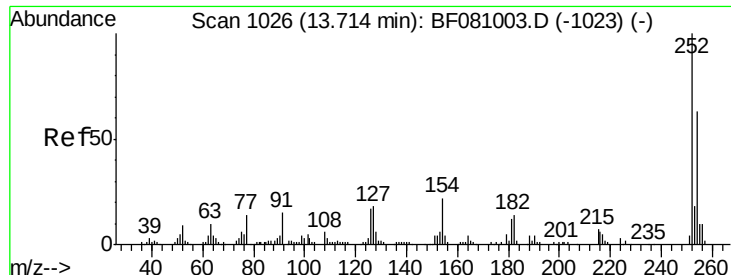
Tot Ion:149 Resp: 214011
Ion Ratio Lower Upper
149 100
91 58.3 46.9 70.3
206 20.5 17.0 25.4



#80
Benzo(a)anthracene
Concen: 27.16 ng
RT: 13.71 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion:228 Resp: 348646
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.8 15.9 23.9

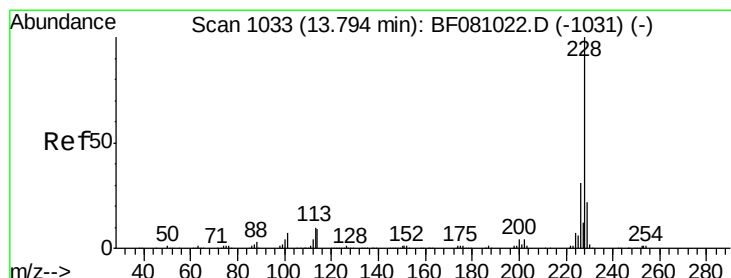
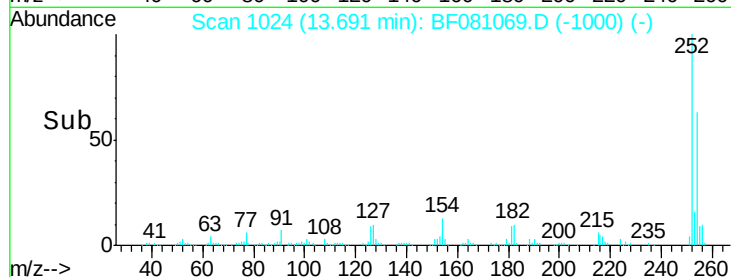
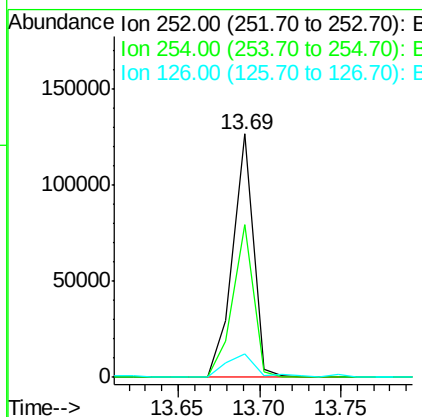
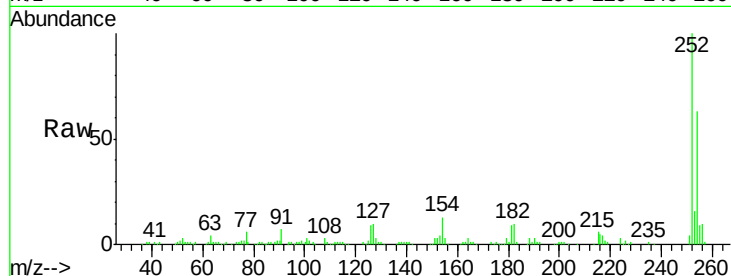




#81
 3,3'-Dichlorobenzidine
 Concen: 26.64 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

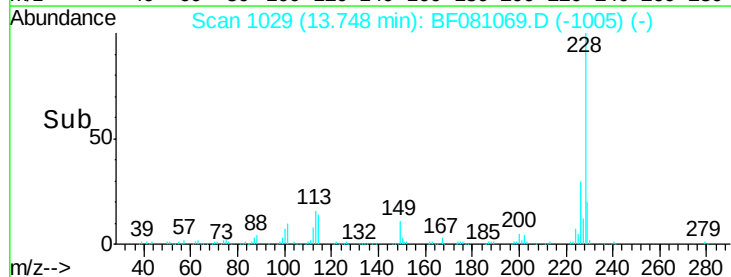
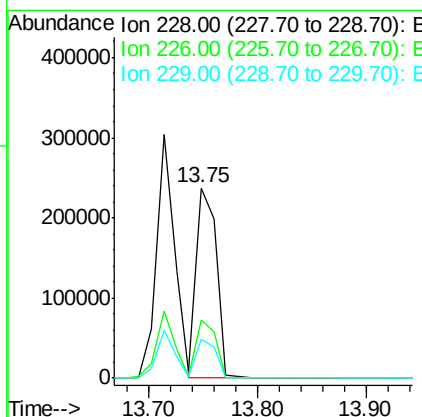
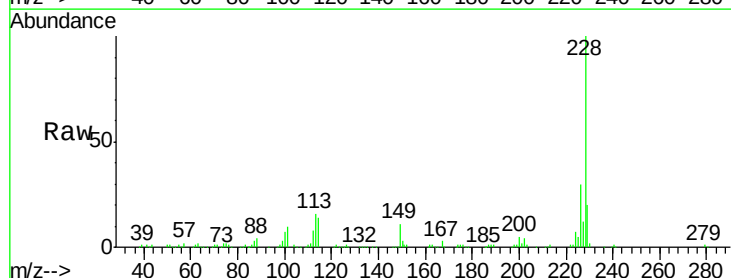
Instrument :
 BNA_F
 ClientSampleId :

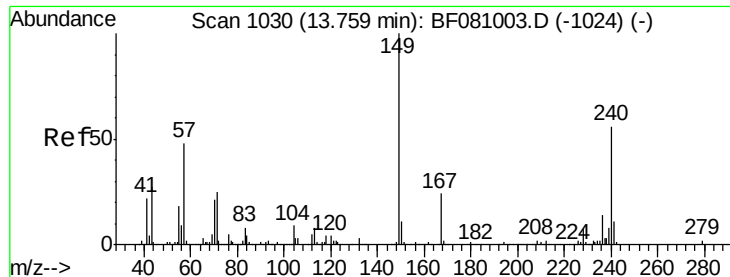
Tot Ion:252 Resp: 110778
 Ion Ratio Lower Upper
 252 100
 254 62.8 51.5 77.3
 126 9.4 12.5 18.7#



#82
 Chrysene
 Concen: 26.41 ng
 RT: 13.75 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion:228 Resp: 305472
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 20.3 16.0 24.0

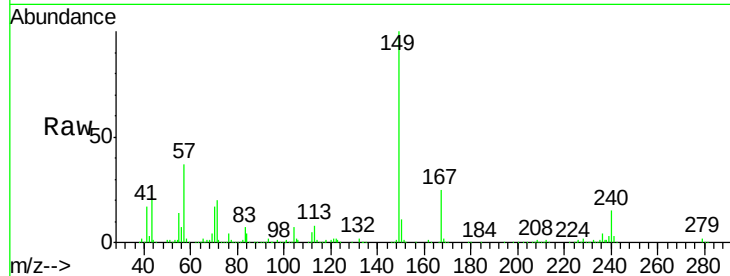




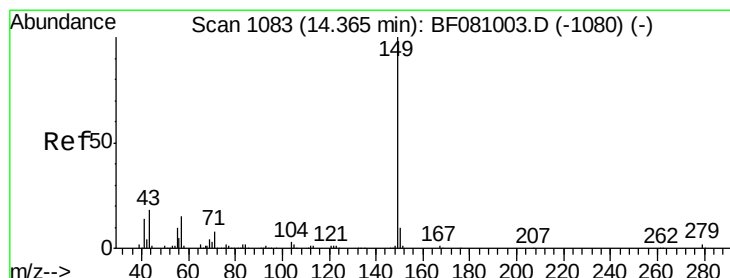
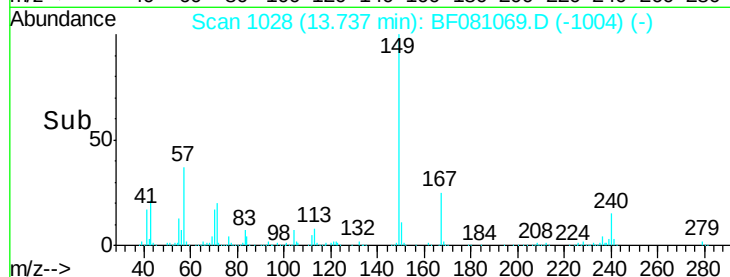
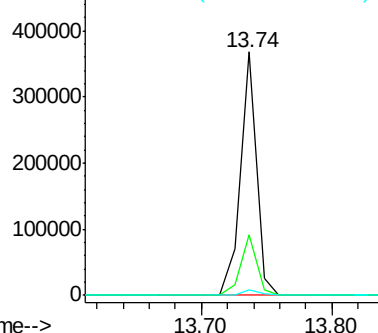
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.50 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 321207
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.7 31.1
 279 2.2 2.2 3.4#

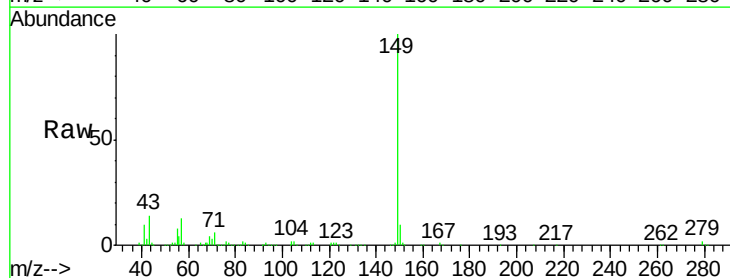


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

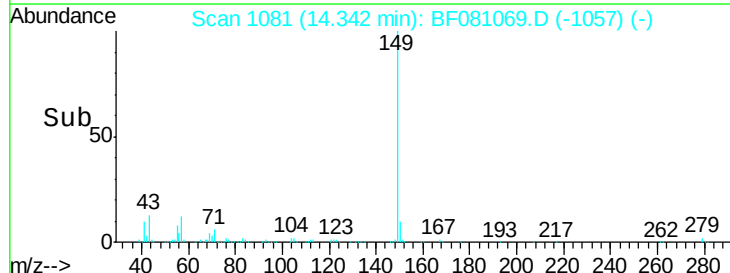
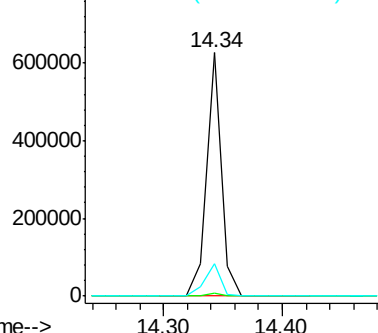


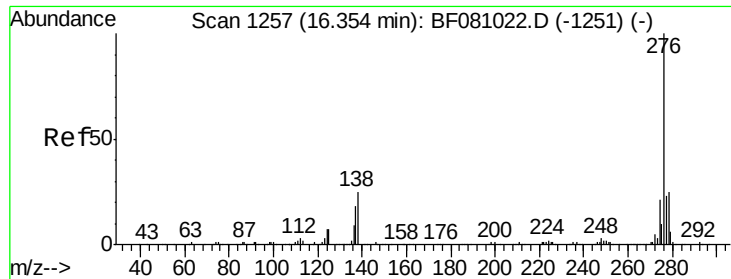
#84
 Di-n-octyl phthalate
 Concen: 41.79 ng
 RT: 14.34 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion:149 Resp: 544082
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.4 11.6 17.4



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

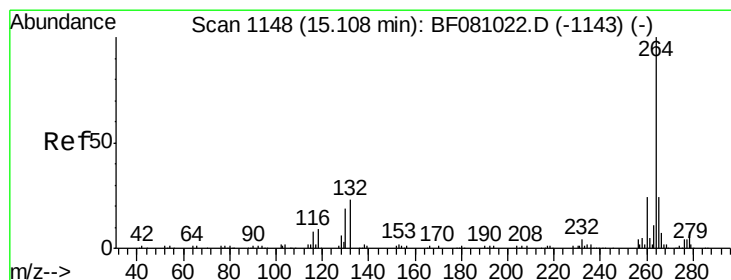
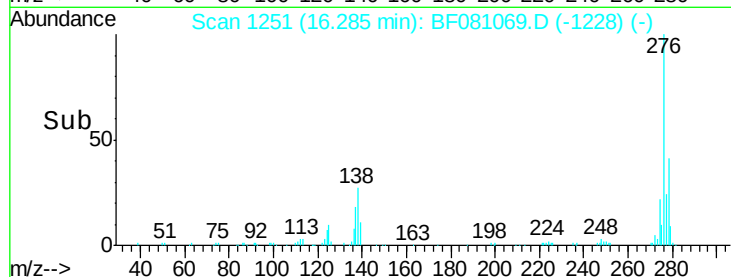
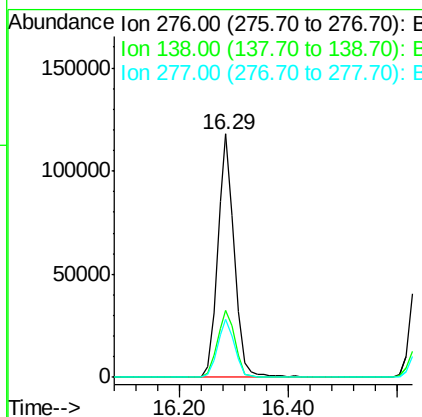
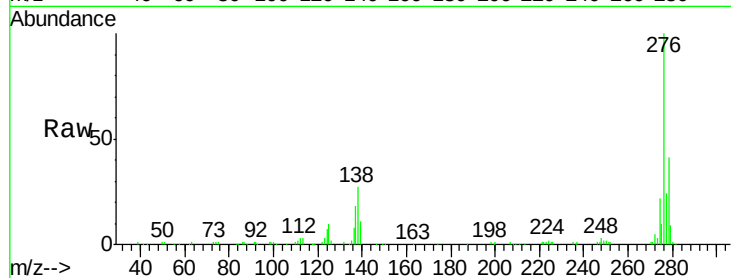




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.15 ng
 RT: 16.29 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

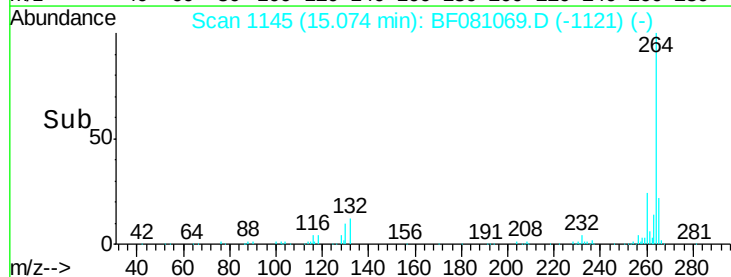
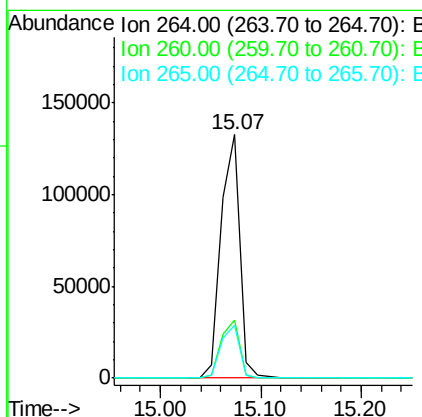
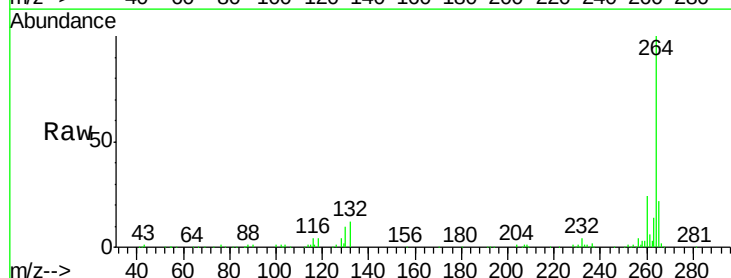
Instrument :
 BNA_F
 ClientSampleId :

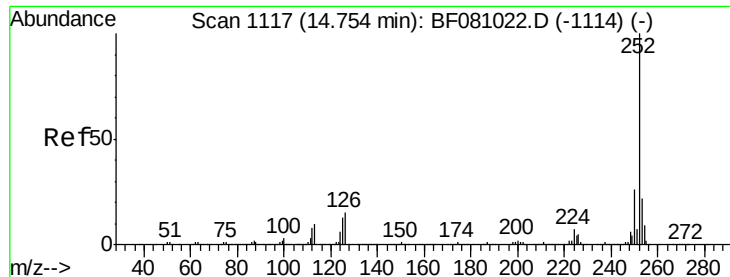
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	18.6	28.0#
277	24.4	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 46.86 ng

RT: 14.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

Instrument :

BNA_F

ClientSampleId :

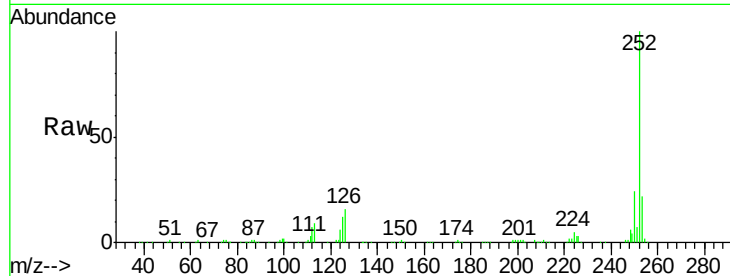
Tot Ion:252 Resp: 570631

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

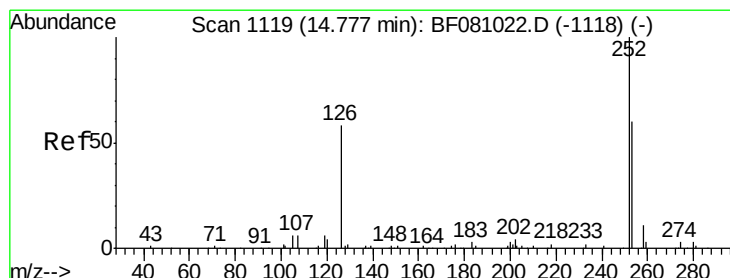
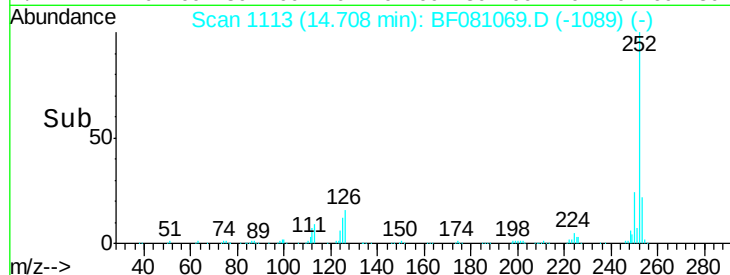
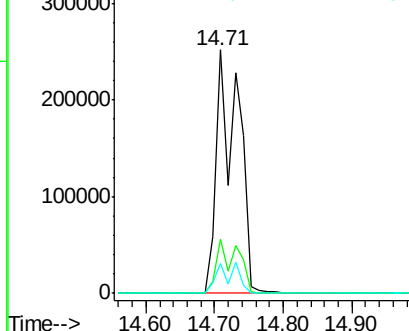
125 12.3 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.29 ng

RT: 14.71 min Scan# 1113

Delta R.T. -0.06 min

Lab File: BF081069.D

Acq: 19 Aug 2015 6:24

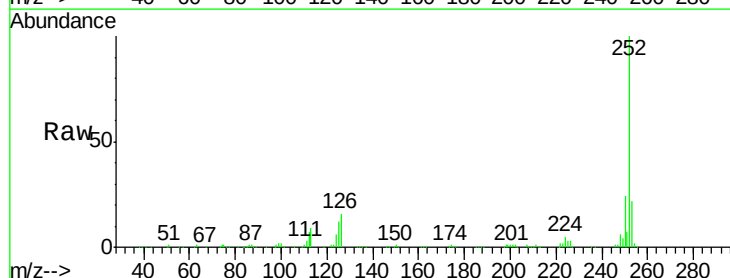
Tgt Ion:252 Resp: 570631

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

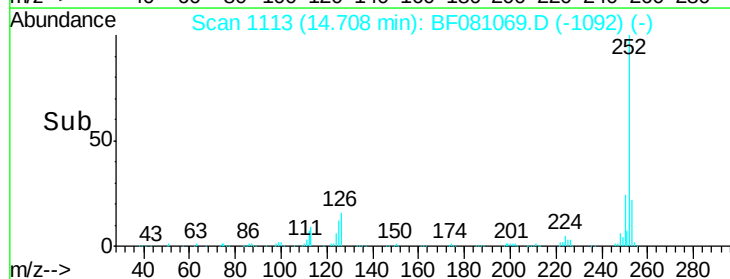
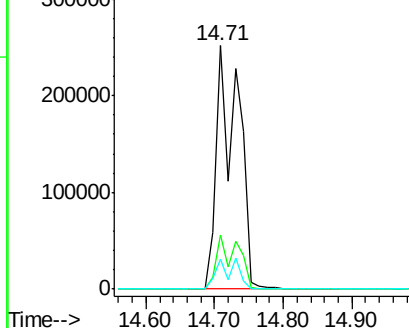
125 12.3 10.3 15.5

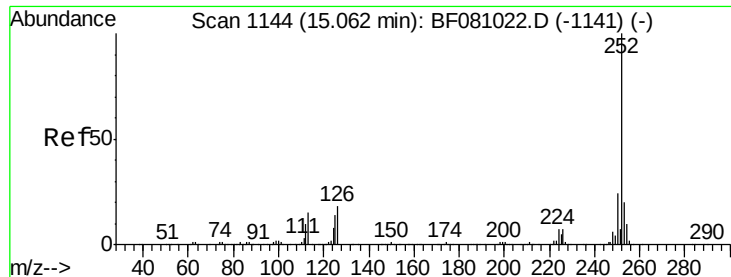


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

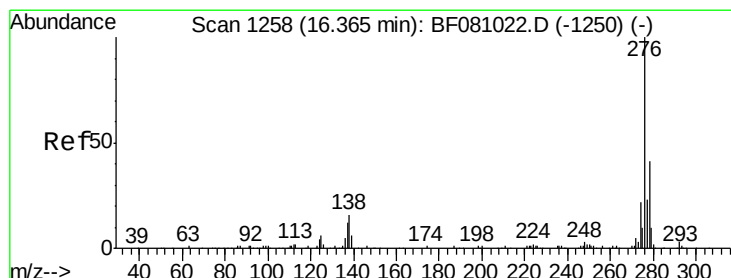
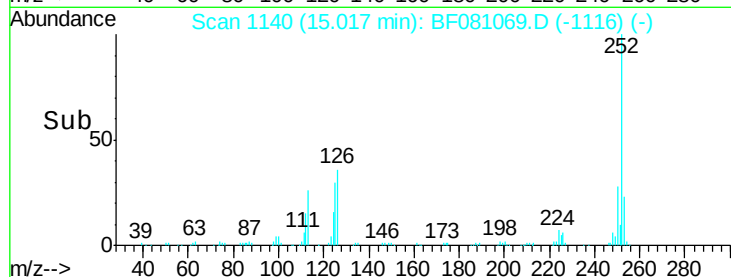
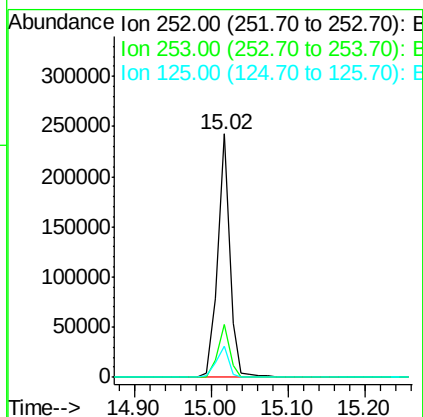
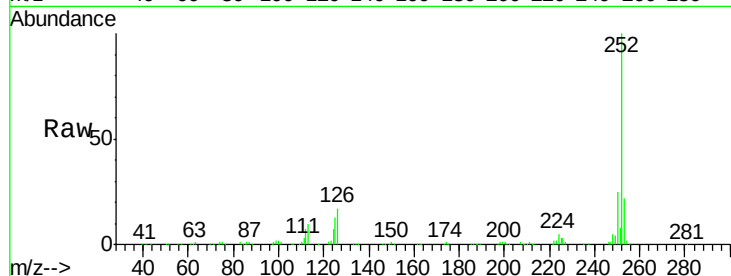




#89
Benzo(a)pyrene
Concen: 25.34 ng
RT: 15.02 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

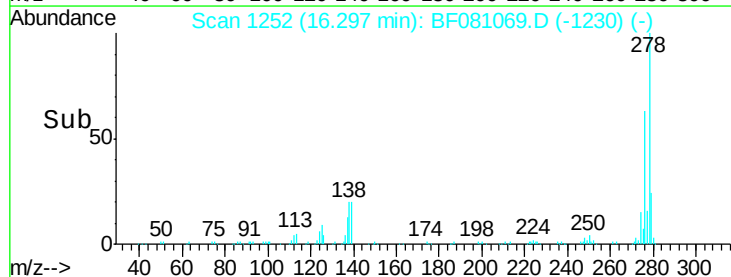
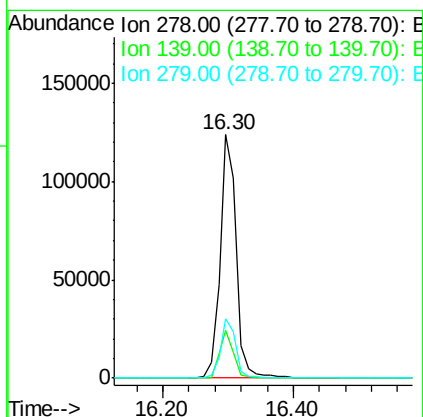
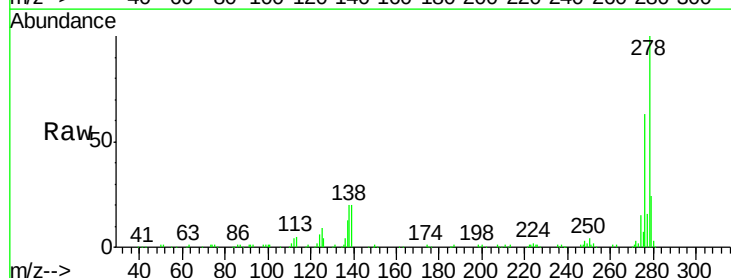
Instrument :
BNA_F
ClientSampleId :

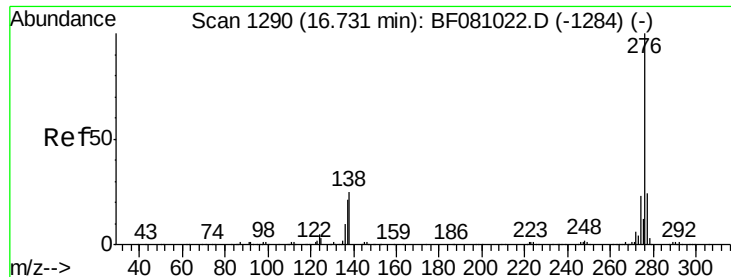
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.6	25.0
125	12.9	7.8	11.8#



#90
Dibenzo(a,h)anthracene
Concen: 25.90 ng
RT: 16.30 min Scan# 1252
Delta R.T. -0.05 min
Lab File: BF081069.D
Acq: 19 Aug 2015 6:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	10.8	16.2#
279	24.2	19.0	28.6

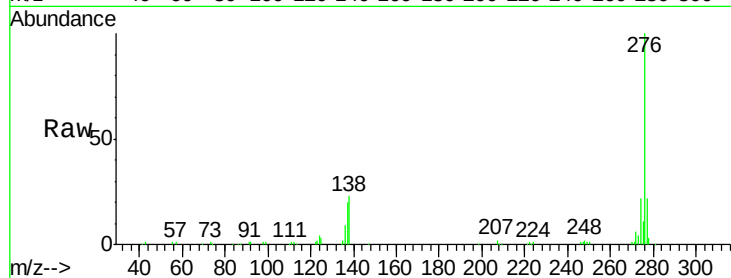




#91
 Benzo(a,h,i)perylene
 Concen: 24.29 ng
 RT: 16.65 min Scan# 1283
 Delta R.T. -0.03 min
 Lab File: BF081069.D
 Acq: 19 Aug 2015 6:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.2	27.2
138	23.2	13.7	20.5



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

