

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081145.D
 Acq On : 21 Aug 2015 15:03
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 21 23:27:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	54539	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	216762	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	104049	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	215224	20.00	ng	0.00
75) Chrysene-d12	13.67	240	192790	20.00	ng	0.00
86) Perylene-d12	15.00	264	163967	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	281417	77.61	ng	0.00
7) Phenol-d6	6.21	99	401041	84.77	ng	0.00
23) Nitrobenzene-d5	7.13	82	411153	86.65	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	68282	75.71	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	603487	76.00	ng	0.00
78) Terphenyl-d14	12.63	244	618156	68.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	68309	39.98	ng	92
3) Pyridine	2.56	79	206186	42.75	ng	# 77
4) n-Nitrosodimethylamine	2.52	42	107913	40.19	ng	# 79
6) Aniline	6.22	93	279549	40.64	ng	# 33
8) 2-Chlorophenol	6.33	128	162890	41.04	ng	96
9) Benzaldehyde	6.09	77	119733	39.26	ng	99
10) Phenol	6.22	94	249511	44.66	ng	96
11) bis(2-Chloroethyl)ether	6.30	93	158421	36.95	ng	89
12) 1,3-Dichlorobenzene	6.49	146	172466	40.44	ng	93
13) 1,4-Dichlorobenzene	6.57	146	181080	42.88	ng	96
14) 1,2-Dichlorobenzene	6.57	146	181080	45.82	ng	94
15) Benzyl Alcohol	6.71	79	149540	39.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	338123	40.13	ng	97
17) 2-Methylphenol	6.84	107	146306	42.96	ng	94
18) Hexachloroethane	7.06	117	66226	38.81	ng	90
19) n-Nitroso-di-n-propylamine	7.00	70	140591	42.90	ng	# 84
20) 3+4-Methylphenols	7.00	107	178936	41.40	ng	# 42
22) Acetophenone	6.98	105	231750	40.72	ng	# 88
24) Nitrobenzene	7.14	77	176473	35.57	ng	94
25) Isophorone	7.40	82	373602	42.22	ng	96
26) 2-Nitrophenol	7.46	139	84704	41.05	ng	# 85
27) 2,4-Dimethylphenol	7.52	122	155033	42.47	ng	89
28) bis(2-Chloroethoxy)methane	7.61	93	219541	42.00	ng	99
29) 2,4-Dichlorophenol	7.70	162	121642	39.58	ng	# 86
30) 1,2,4-Trichlorobenzene	7.78	180	133233	39.01	ng	96
31) Naphthalene	7.86	128	461019	38.15	ng	99
32) Benzoic acid	7.65	122	89587	43.63	ng	97
33) 4-Chloroaniline	7.92	127	197015	38.64	ng	93
34) Hexachlorobutadiene	7.99	225	80063	41.45	ng	98
35) Caprolactam	8.30	113	45342	42.22	ng	# 86
36) 4-Chloro-3-methylphenol	8.41	107	158373	43.24	ng	99
37) 2-Methylnaphthalene	8.55	142	297871	39.03	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	133757	39.84	ng	98
40) Hexachlorocyclopentadiene	8.71	237	65759	37.85	ng	98

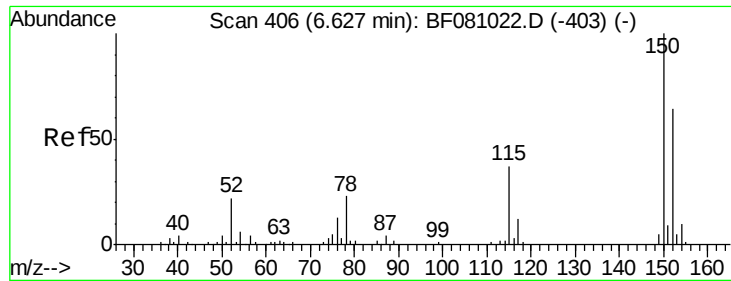
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	96770	40.80	nq	99
43) 2,4,5-Trichlorophenol	8.87	196	93245	39.34	nq	# 82
45) 1,1'-Biphenyl	9.02	154	370484	40.42	nq	96
46) 2-Chloronaphthalene	9.04	162	299177	40.63	nq	99
47) 2-Nitroaniline	9.14	65	123663	41.04	nq	# 57
48) Acenaphthylene	9.44	152	474501	36.03	nq	98
49) Dimethylphthalate	9.33	163	311159	36.31	nq	99
50) 2,6-Dinitrotoluene	9.38	165	69116	37.57	nq	# 74
51) Acenaphthene	9.62	154	287695	36.49	nq	98
52) 3-Nitroaniline	9.56	138	95642	41.54	nq	# 64
53) 2,4-Dinitrophenol	9.66	184	42021	45.91	nq	# 55
54) Dibenzofuran	9.78	168	382954	36.24	nq	91
55) 4-Nitrophenol	9.72	139	61103	37.79	nq	88
56) 2,4-Dinitrotoluene	9.78	165	101687	41.70	nq	# 81
57) Fluorene	10.13	166	303863	37.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	71903	39.19	nq	99
59) Diethylphthalate	10.02	149	358939	39.57	nq	97
60) 4-Chlorophenyl-phenylether	10.13	204	133035	38.68	nq	99
61) 4-Nitroaniline	10.16	138	107600	45.73	nq	91
62) Azobenzene	10.29	77	429675	41.11	nq	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	53241	41.42	nq	96
65) n-Nitrosodiphenylamine	10.25	169	310990	40.48	nq	98
66) 4-Bromophenyl-phenylether	10.61	248	76895	36.37	nq	# 60
67) Hexachlorobenzene	10.68	284	85099	39.74	nq	# 85
68) Atrazine	10.78	200	73809	34.48	nq	98
69) Pentachlorophenol	10.87	266	49657	38.65	nq	97
70) Phenanthrene	11.08	178	449413	35.23	nq	98
71) Anthracene	11.13	178	513800	41.40	nq	99
72) Carbazole	11.29	167	503695	42.15	nq	98
73) Di-n-butylphthalate	11.64	149	599511	41.46	nq	99
74) Fluoranthene	12.25	202	534886	38.86	nq	93
76) Benzidine	12.38	184	273113	37.50	nq	99
77) Pyrene	12.48	202	573184	36.57	nq	99
79) Butylbenzylphthalate	13.11	149	235421	34.95	nq	# 66
80) Benzo(a)anthracene	13.66	228	485485	37.55	nq	100
81) 3,3'-Dichlorobenzidine	13.64	252	168507	40.24	nq	# 95
82) Chrysene	13.69	228	423006	36.30	nq	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	336122	38.95	nq	99
84) Di-n-octyl phthalate	14.29	149	584465	44.56	nq	97
85) Indeno(1,2,3-cd)pyrene	16.19	276	406678	49.71	nq	# 94
87) Benzo(b)fluoranthene	14.68	252	870543	75.06	nq	97
88) Benzo(k)fluoranthene	14.68	252	870543	80.55	nq	# 95
89) Benzo(a)pyrene	14.95	252	412200	40.79	nq	99
90) Dibenzo(a,h)anthracene	16.20	278	331546	42.10	nq	# 95
91) Benzo(g,h,i)perylene	16.54	276	327731	41.02	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

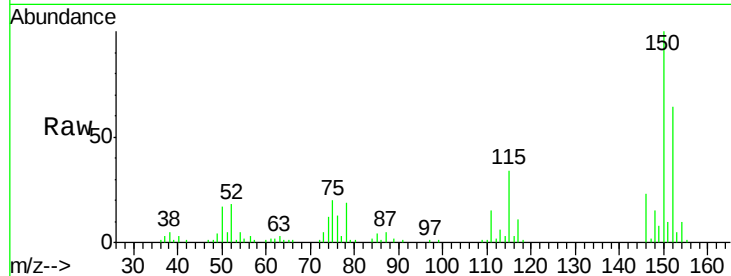
Tot Ion:152 Resp: 54539

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

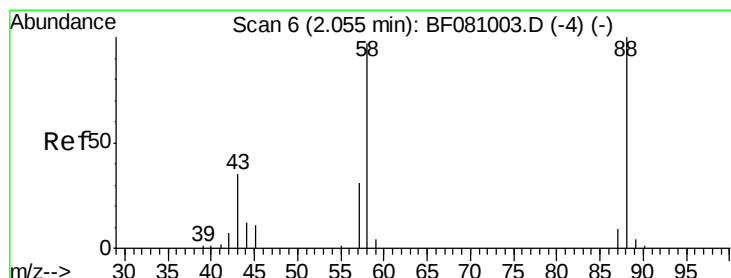
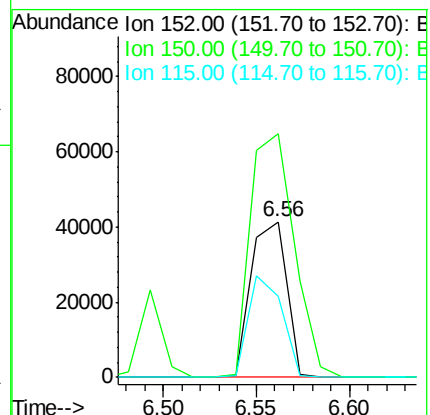
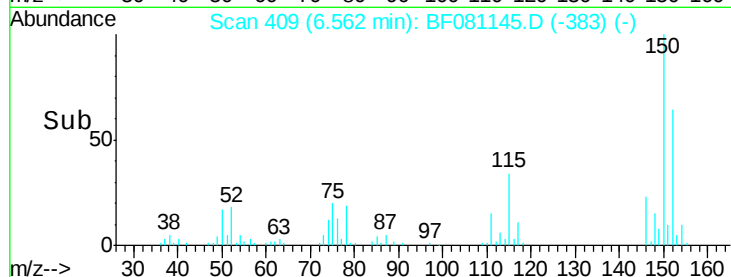
115 52.5 52.1 78.1



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: 39.98 ng

RT: 1.94 min Scan# 5

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

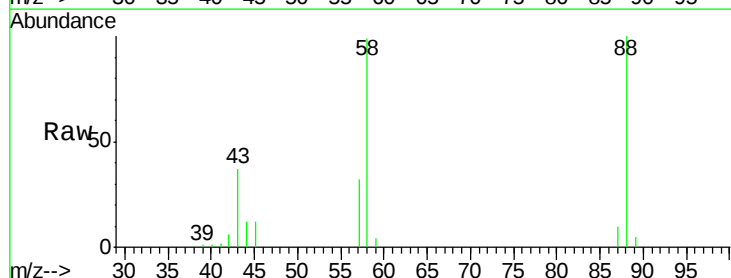
Tgt Ion: 88 Resp: 68309

Ion Ratio Lower Upper

88 100

58 98.9 83.7 125.5

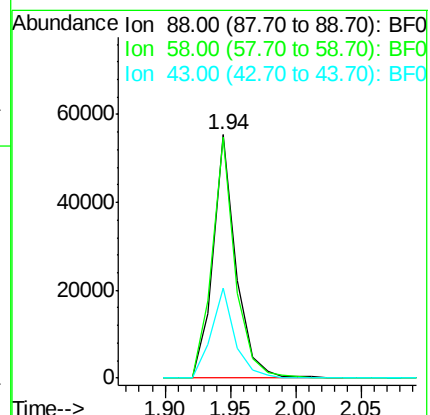
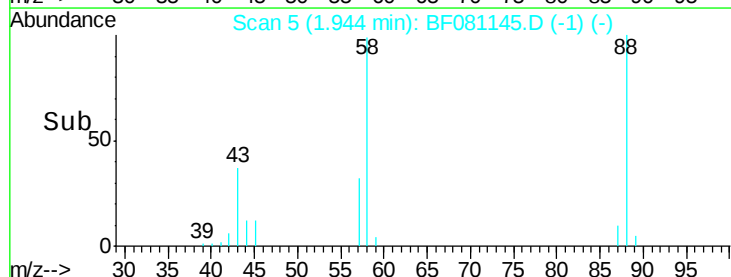
43 37.7 37.5 56.3

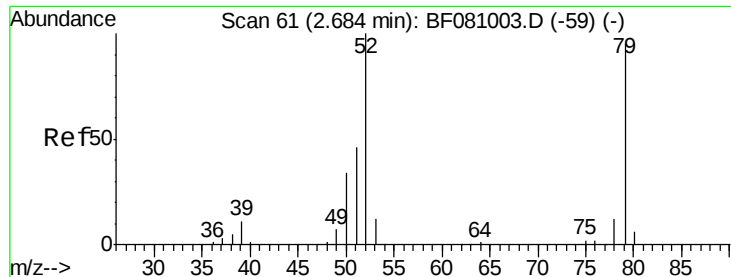


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.75 ng

RT: 2.56 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

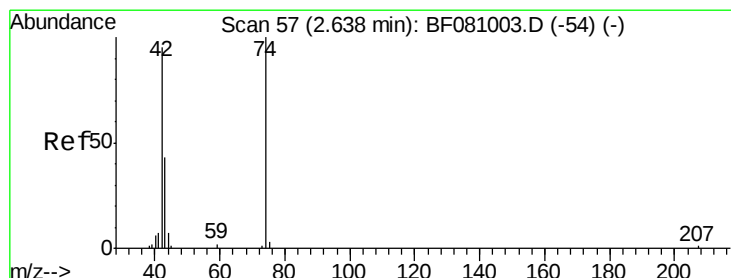
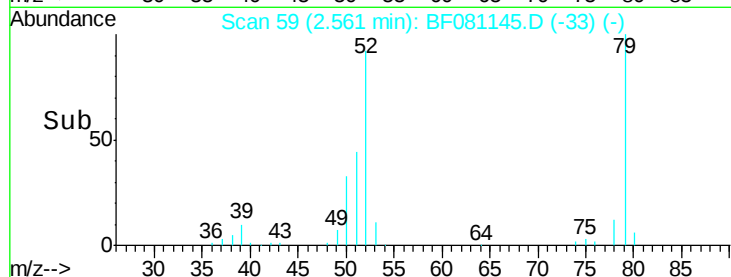
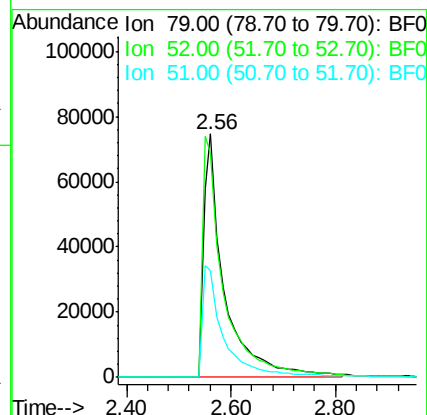
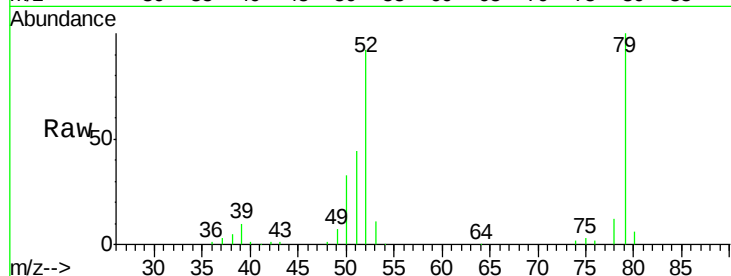
Tot Ion: 79 Resp: 206186

Ion Ratio Lower Upper

79 100

52 92.4 95.1 142.7#

51 43.6 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 40.19 ng

RT: 2.52 min Scan# 55

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

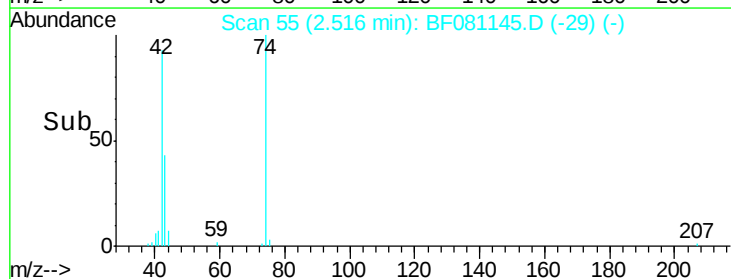
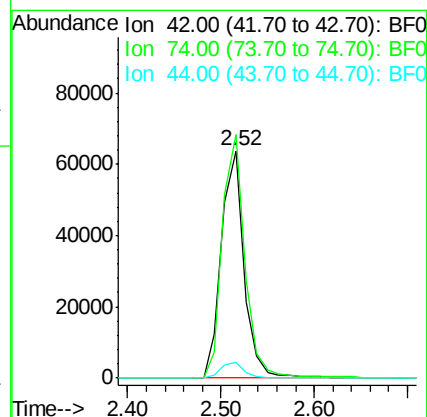
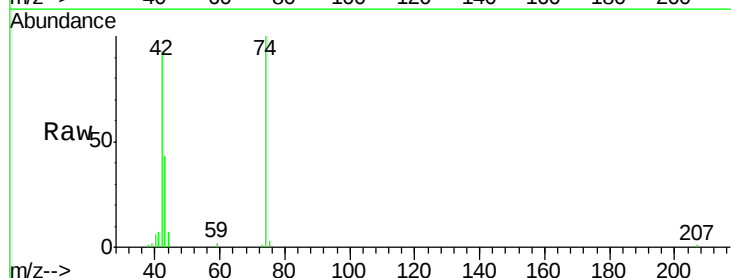
Tgt Ion: 42 Resp: 107913

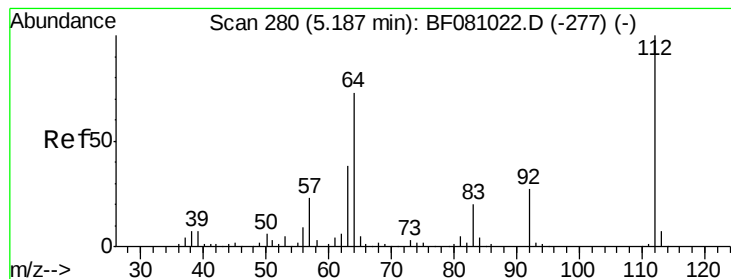
Ion Ratio Lower Upper

42 100

74 107.1 69.3 103.9#

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 77.61 ng

RT: 5.11 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

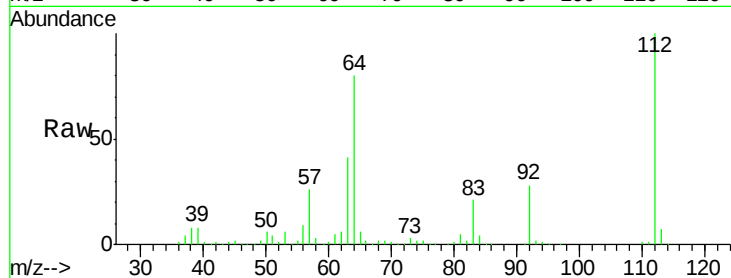
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

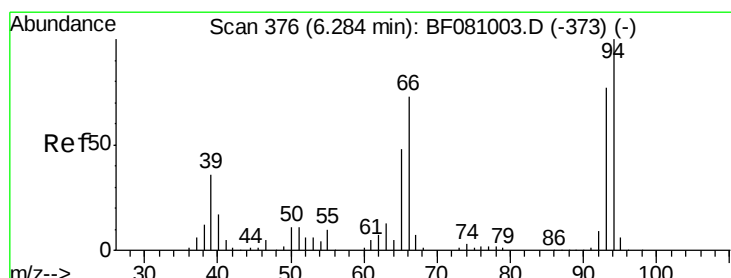
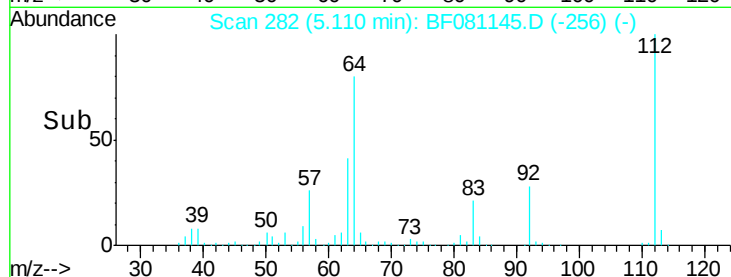
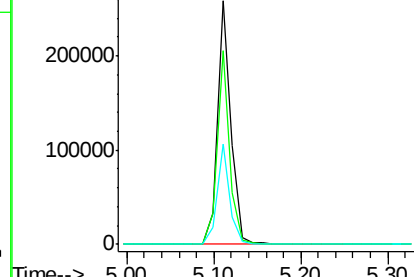
Tot Ion:	112	Resp:	281417
Ion	Ratio	Lower	Upper
112	100		
64	79.7	66.9	100.3
63	41.4	38.1	57.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.64 ng

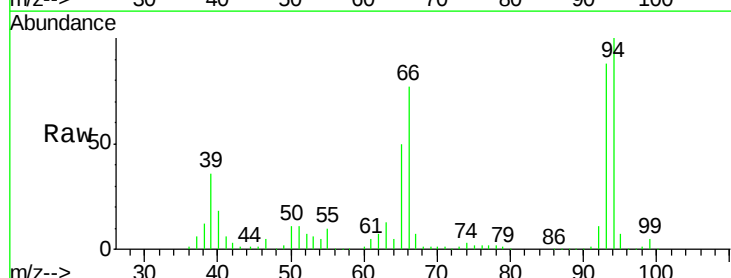
RT: 6.22 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

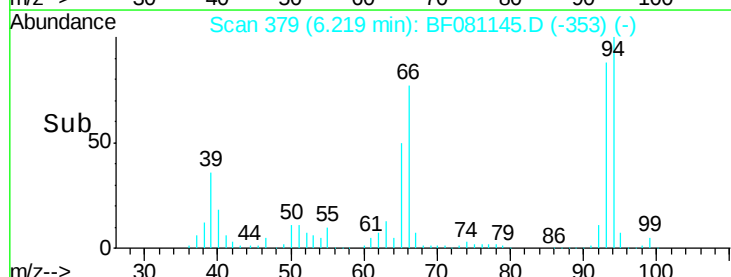
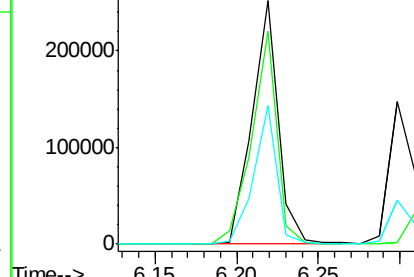
Tgt Ion:	93	Resp:	279549
Ion	Ratio	Lower	Upper
93	100		
66	87.3	35.6	53.4#
65	56.8	18.7	28.1#

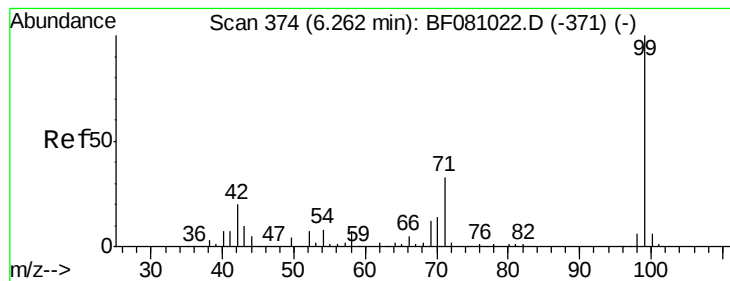


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.77 ng

RT: 6.21 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

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ClientSampleId :

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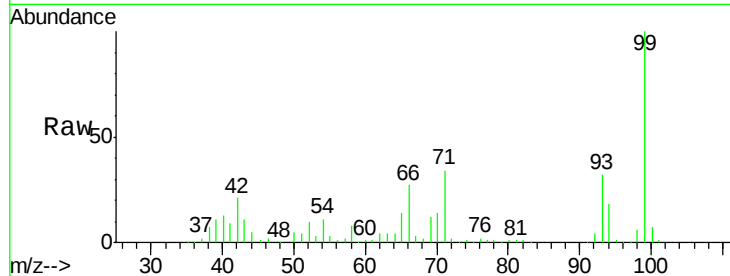
Tot Ion: 99 Resp: 401041

Ion Ratio Lower Upper

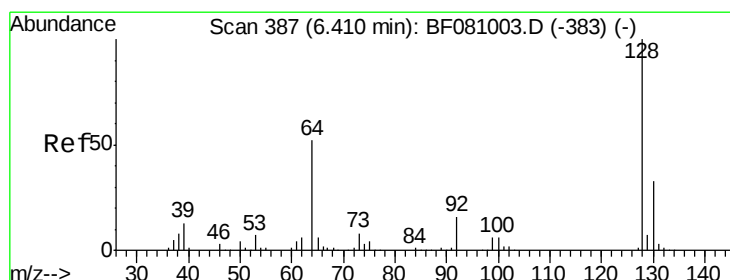
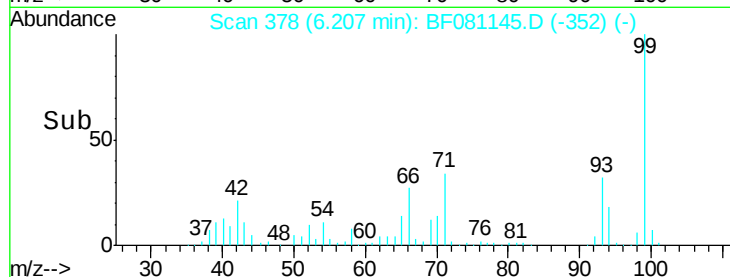
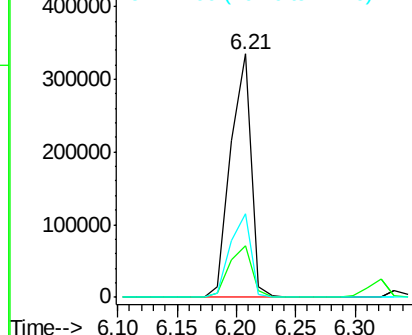
99 100

42 21.4 19.6 29.4

71 34.1 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: 41.04 ng

RT: 6.33 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

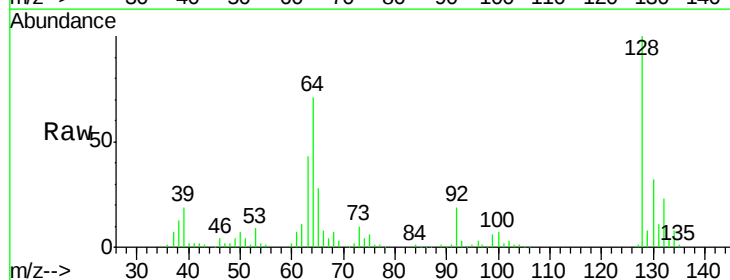
Tgt Ion: 128 Resp: 162890

Ion Ratio Lower Upper

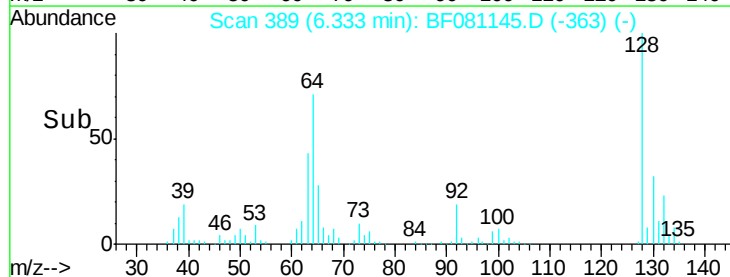
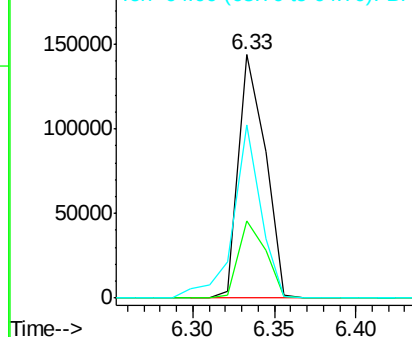
128 100

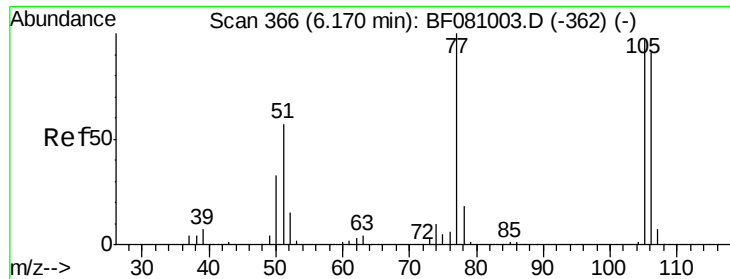
130 31.5 12.5 52.5

64 71.1 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: 39.26 ng

RT: 6.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

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ClientSampleId :

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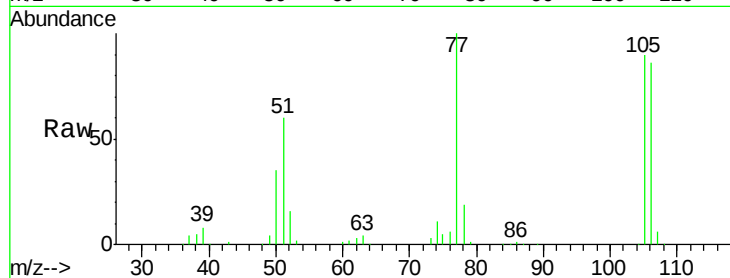
Tot Ion: 77 Resp: 119733

Ion Ratio Lower Upper

77 100

105 89.8 69.6 109.6

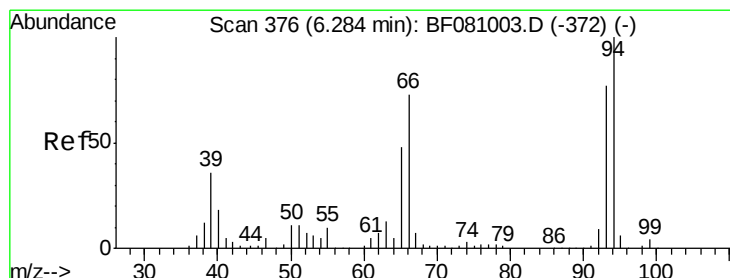
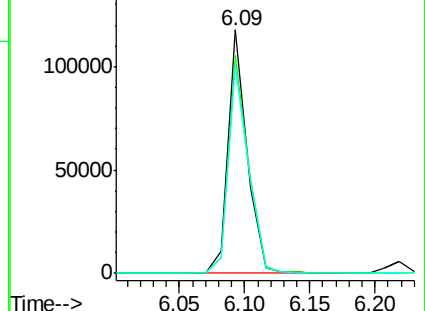
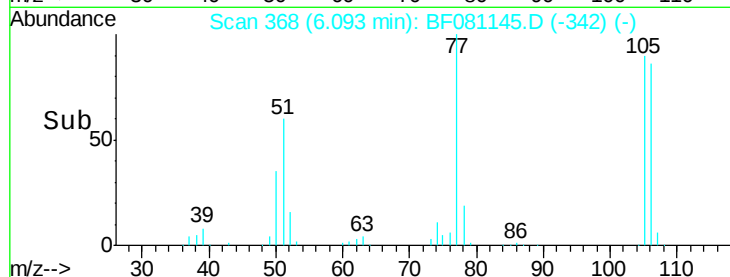
106 85.6 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.66 ng

RT: 6.22 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

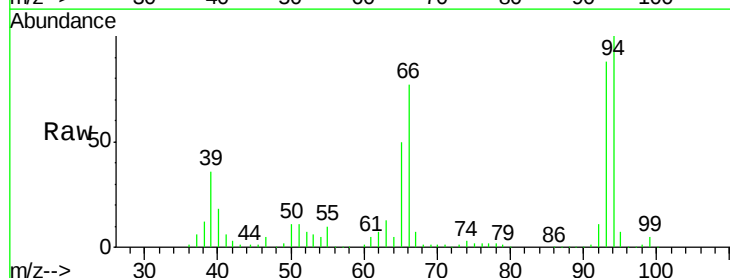
Tgt Ion: 94 Resp: 249511

Ion Ratio Lower Upper

94 100

65 50.0 28.4 68.4

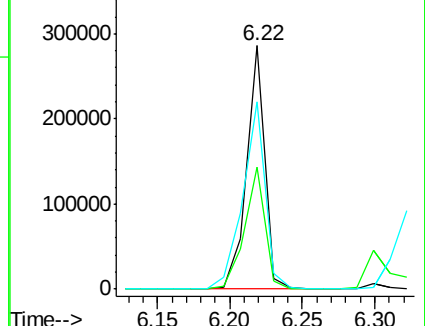
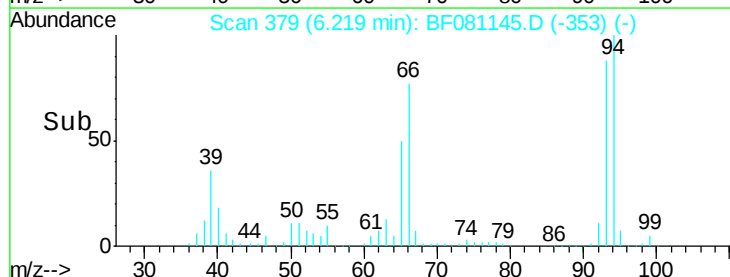
66 76.9 52.3 92.3

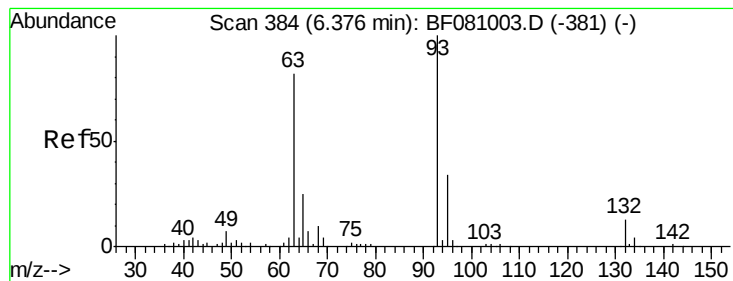


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.95 ng

RT: 6.30 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

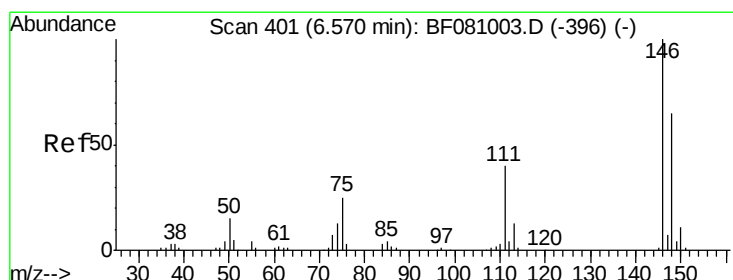
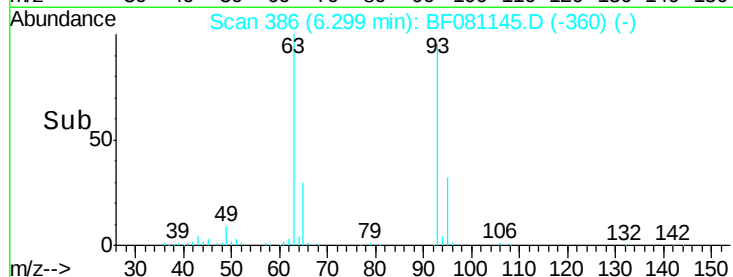
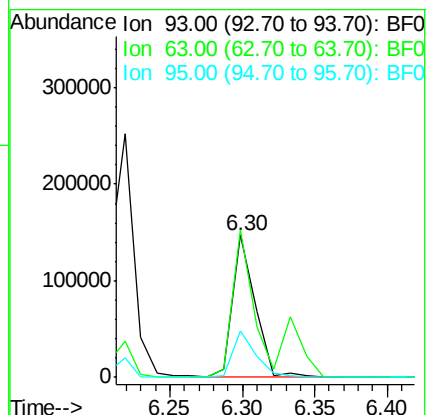
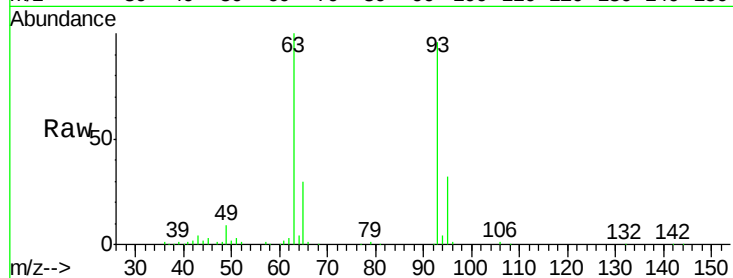
Tot Ion: 93 Resp: 158421

Ion Ratio Lower Upper

93 100

63 103.7 69.6 109.6

95 33.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.44 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

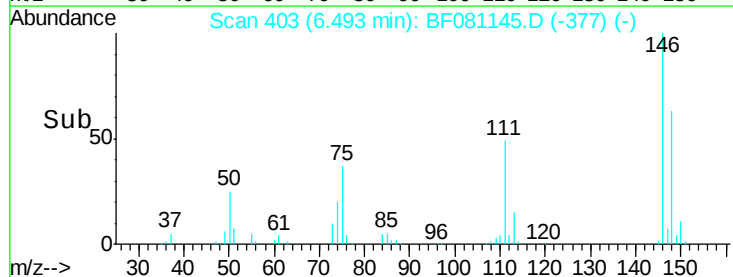
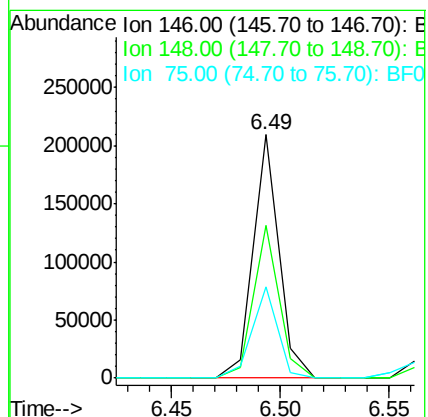
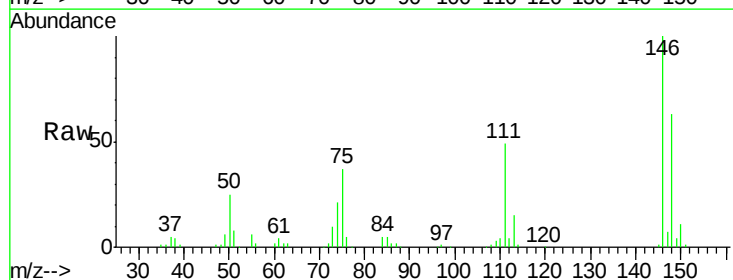
Tgt Ion: 146 Resp: 172466

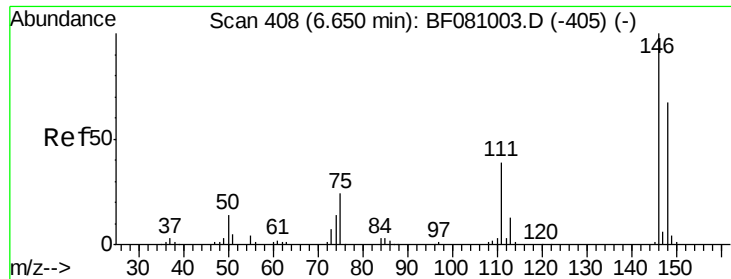
Ion Ratio Lower Upper

146 100

148 62.8 53.3 79.9

75 37.5 25.0 37.6

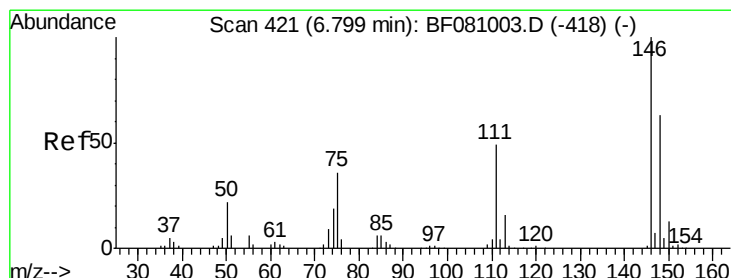
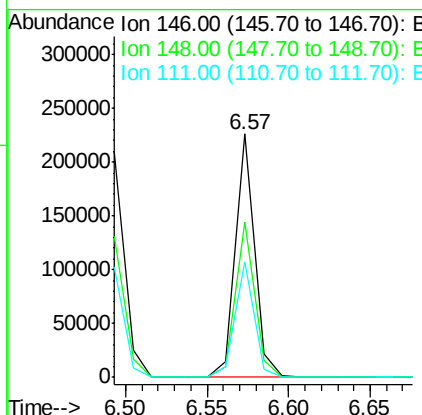
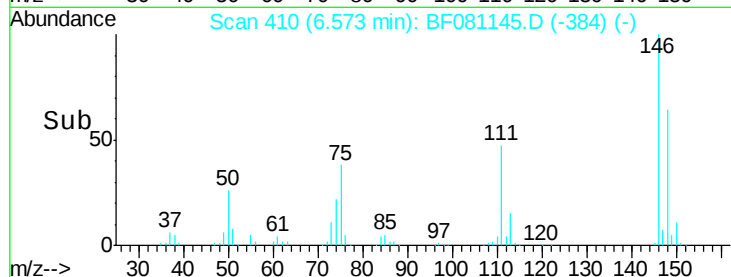
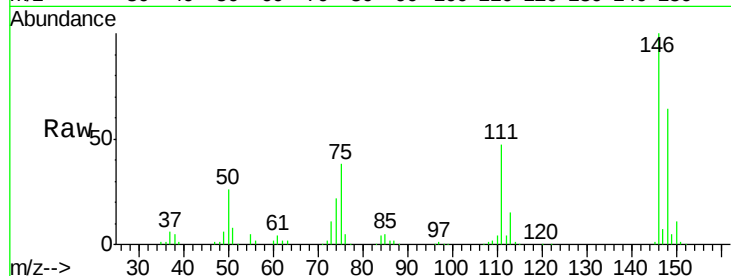




#13
 1,4-Dichlorobenzene
 Concen: 42.88 ng
 RT: 6.57 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

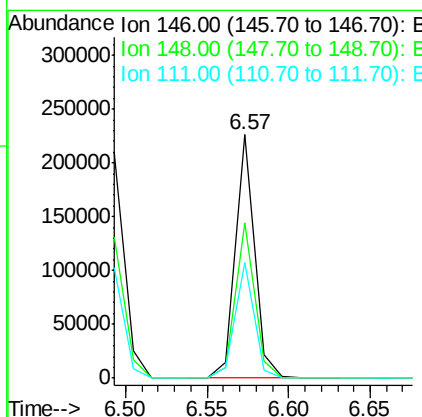
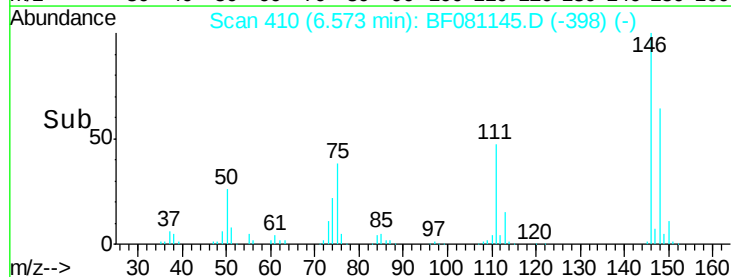
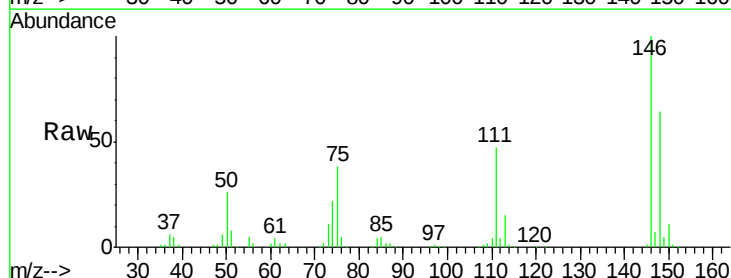
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

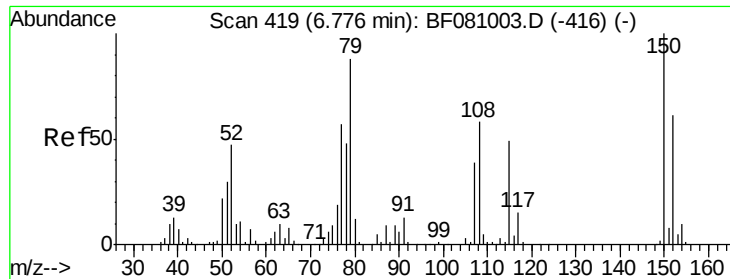
Tot Ion:146 Resp: 181080
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 47.4 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 45.82 ng
 RT: 6.57 min Scan# 410
 Delta R.T. -0.16 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:146 Resp: 181080
 Ion Ratio Lower Upper
 146 100
 148 63.9 48.7 73.1
 111 47.4 42.3 63.5





#15

Benzyl Alcohol

Concen: 39.07 ng

RT: 6.71 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

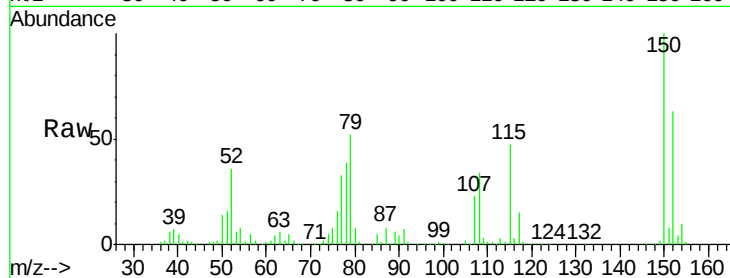
Tot Ion: 79 Resp: 149540

Ion Ratio Lower Upper

79 100

108 65.4 49.4 74.2

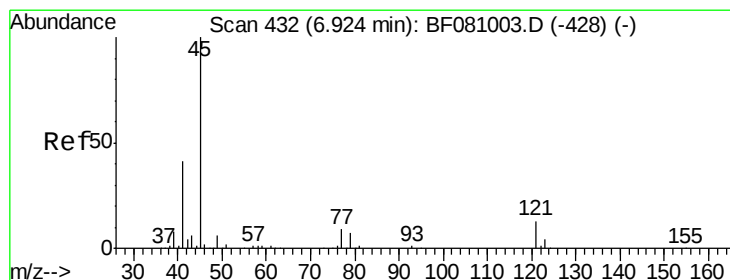
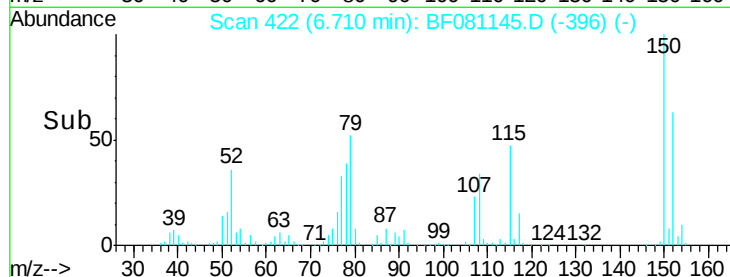
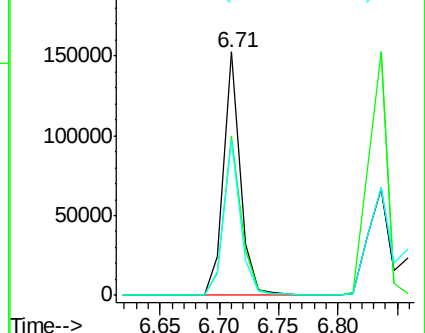
77 63.5 51.4 77.0



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: 40.13 ng

RT: 6.86 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

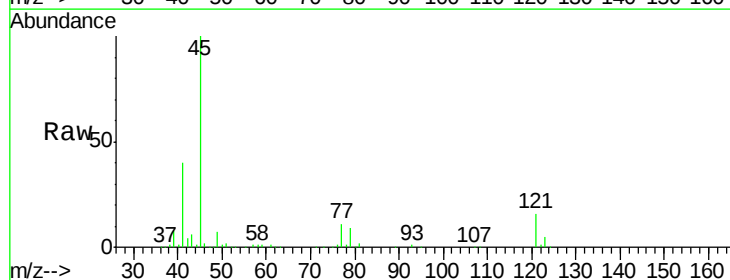
Tgt Ion: 45 Resp: 338123

Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.2

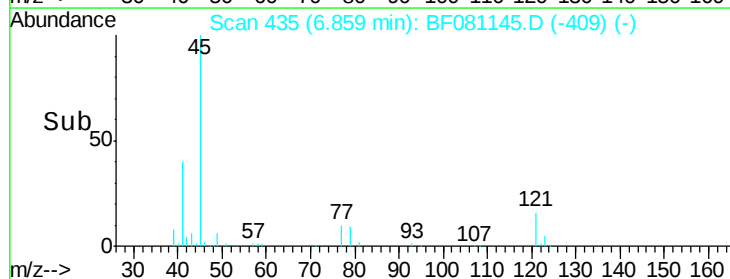
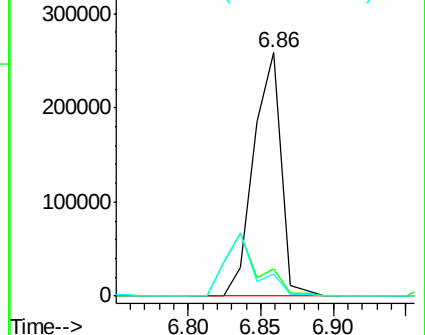
79 9.0 0.0 28.0

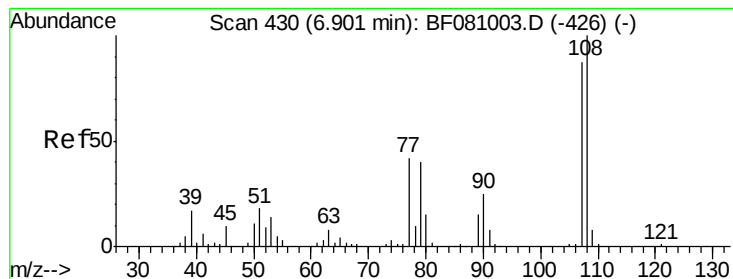


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.96 ng

RT: 6.84 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 146306

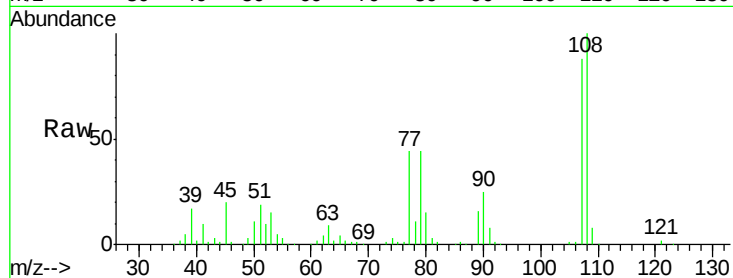
Ion Ratio Lower Upper

107 100

108 113.7 90.4 135.6

77 50.4 46.5 69.7

79 49.9 46.3 69.5

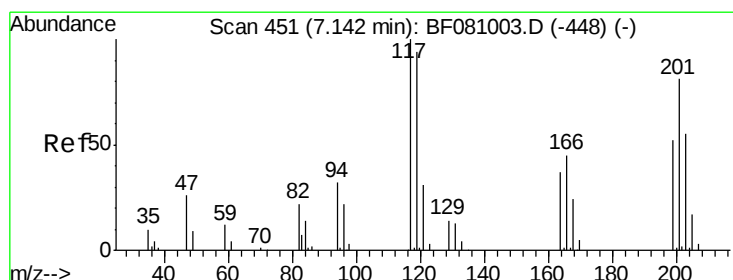
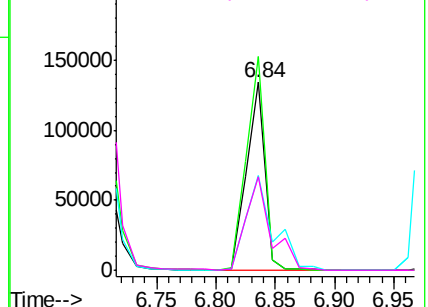
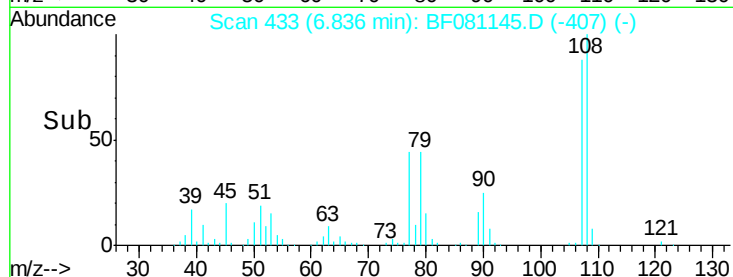


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.81 ng

RT: 7.06 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

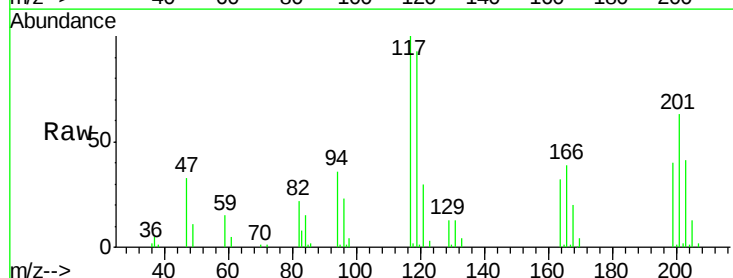
Tgt Ion:117 Resp: 66226

Ion Ratio Lower Upper

117 100

119 93.0 77.9 116.9

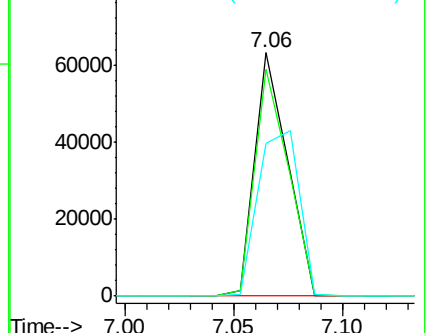
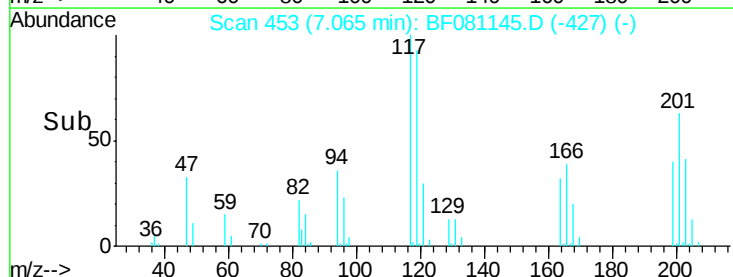
201 62.6 61.3 91.9

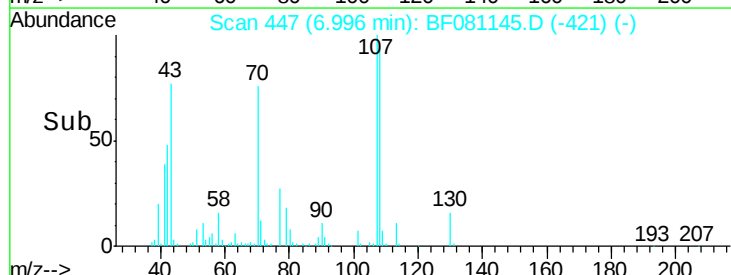
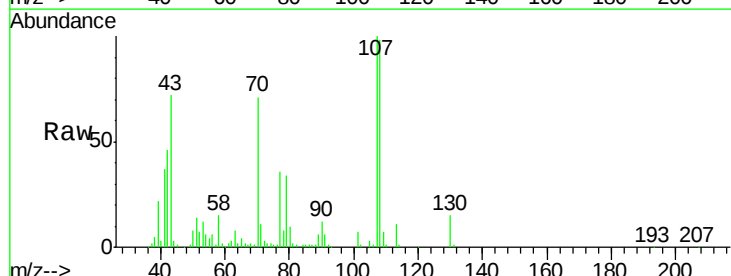
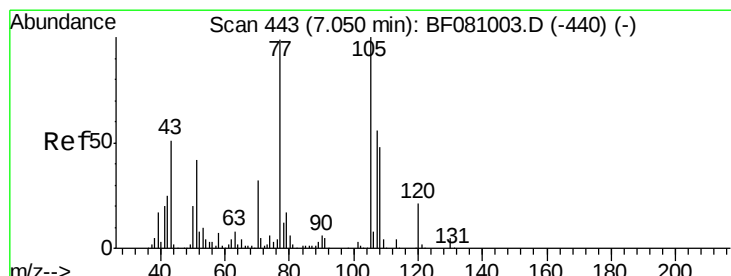
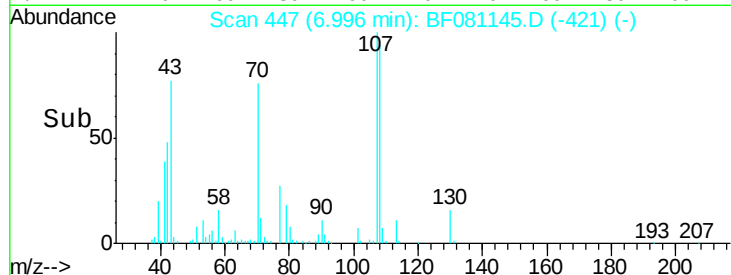
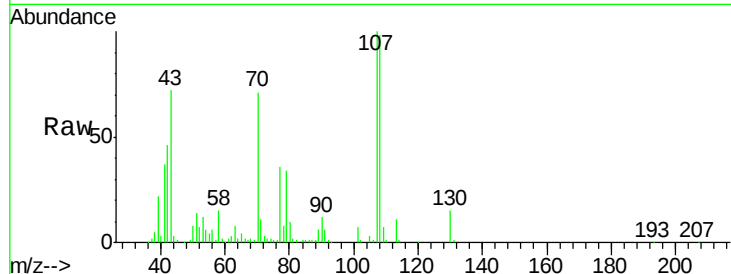
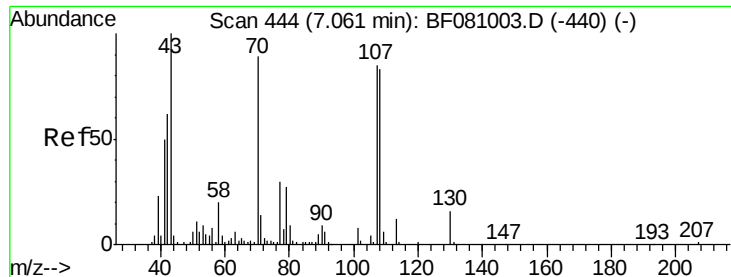


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

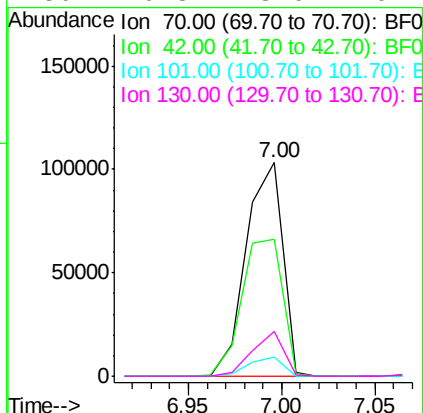




#19
n-Nitroso-di-n-propylamine
Concen: 42.90 ng
RT: 7.00 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

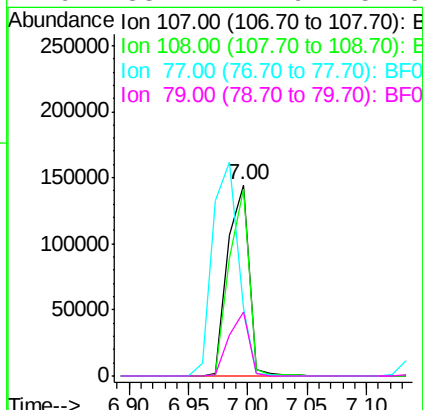
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

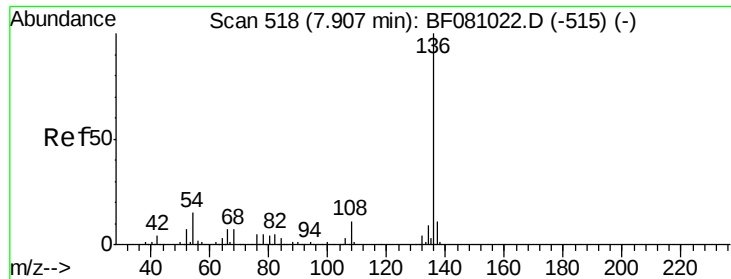
Tot Ion:	70	Resp:	140591
Ion	Ratio	Lower	Upper
70	100		
42	64.1	65.0	97.4#
101	9.3	7.4	11.2
130	20.8	13.0	19.4#



#20
3+4-Methylphenols
Concen: 41.40 ng
RT: 7.00 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:	107	Resp:	178936
Ion	Ratio	Lower	Upper
107	100		
108	97.7	66.1	106.1
77	35.7	139.3	179.3#
79	33.7	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 216762

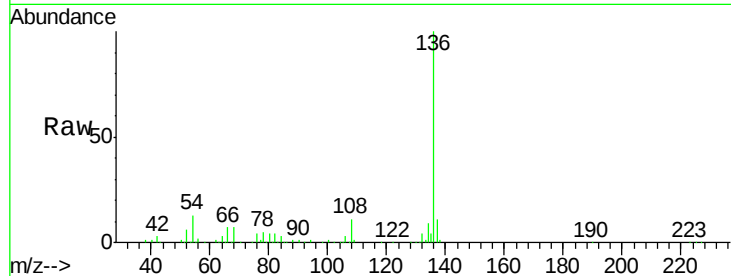
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.2

54 13.0 7.7 11.5#

68 6.6 3.4 5.2#

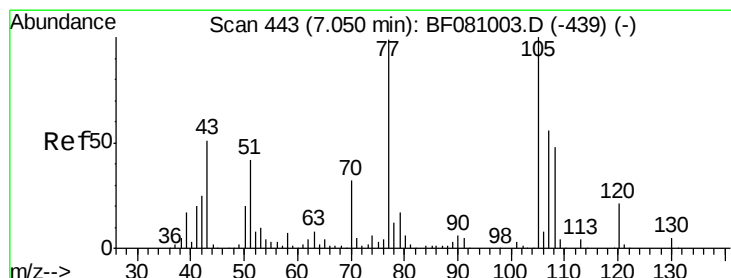
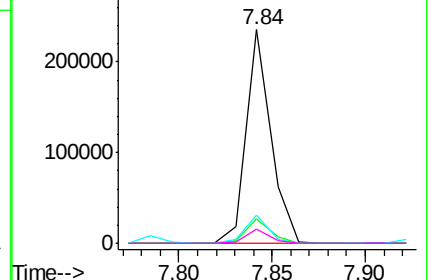
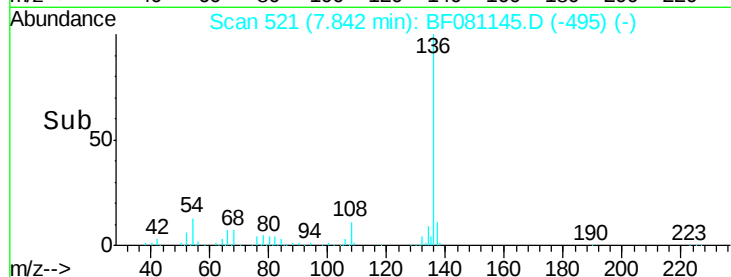


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.72 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Tgt Ion:105 Resp: 231750

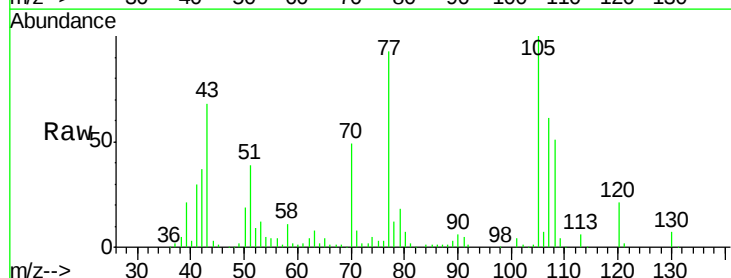
Ion Ratio Lower Upper

105 100

71 8.0 3.0 4.6#

51 39.1 39.8 59.8#

120 21.5 15.8 23.8

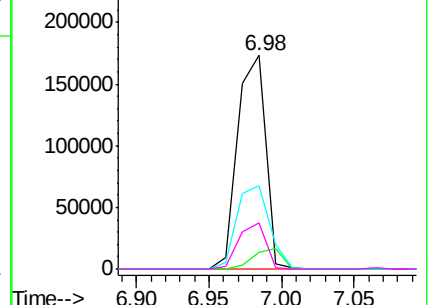
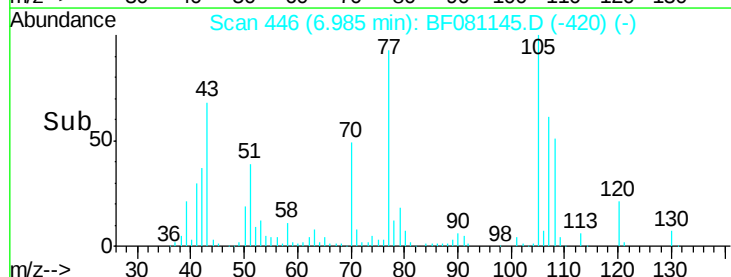


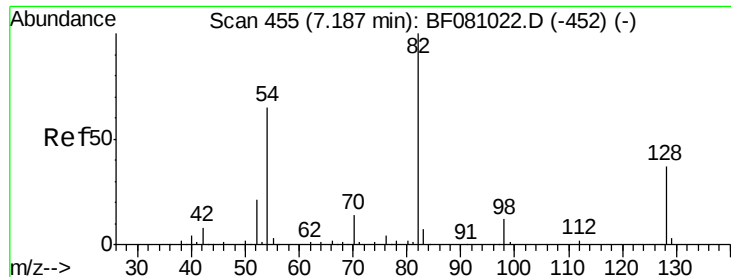
Abundance Ion 105.00 (104.70 to 105.70): E

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

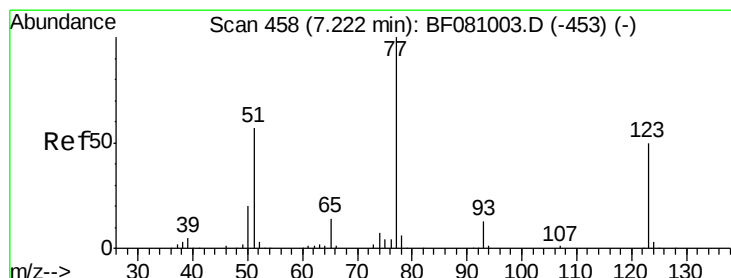
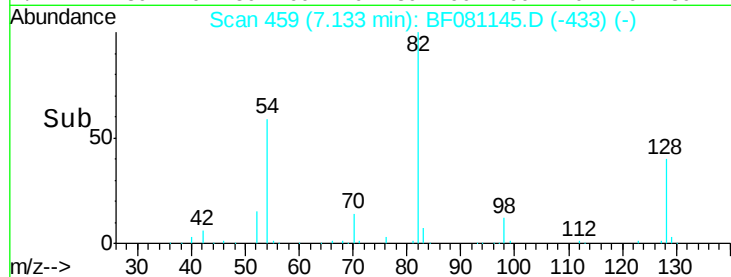
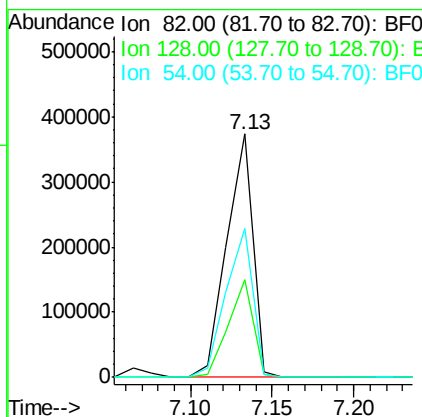
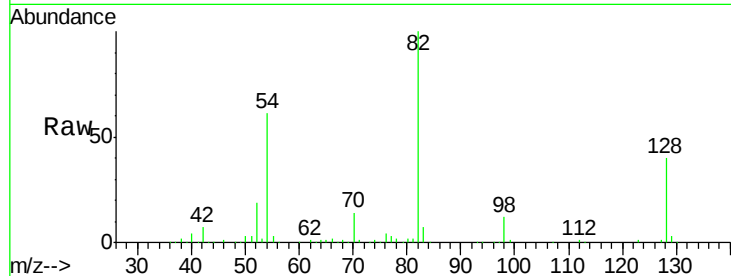




#23
 Nitrobenzene-d5
 Concen: 86.65 ng
 RT: 7.13 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

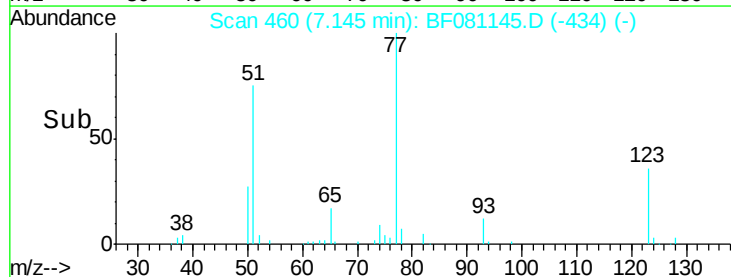
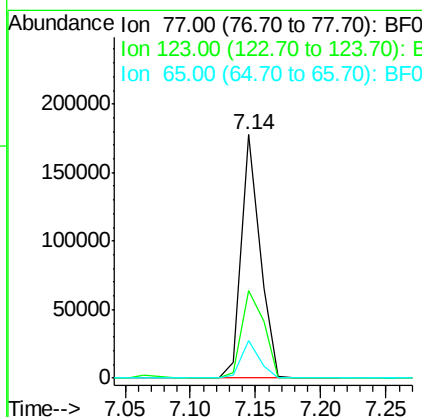
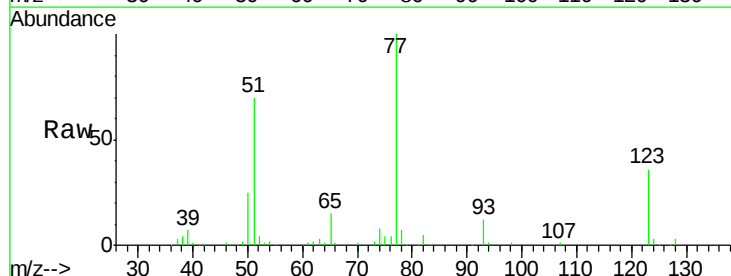
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

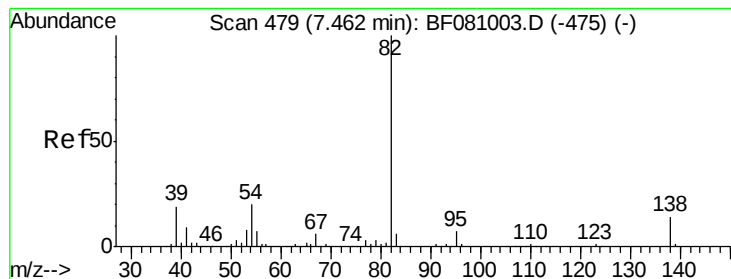
Tot Ion	82	Resp	411153
Ion Ratio	Lower	Upper	
82	100		
128	39.9	28.6	42.8
54	60.9	55.1	82.7



#24
 Nitrobenzene
 Concen: 35.57 ng
 RT: 7.14 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion	77	Resp	176473
Ion Ratio	Lower	Upper	
77	100		
123	35.9	32.9	49.3
65	15.5	12.5	18.7





#25

Isophorone

Concen: 42.22 ng

RT: 7.40 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

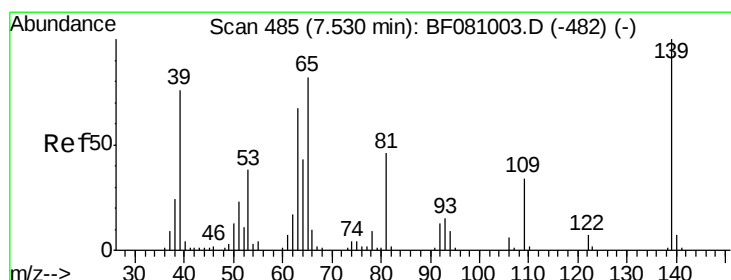
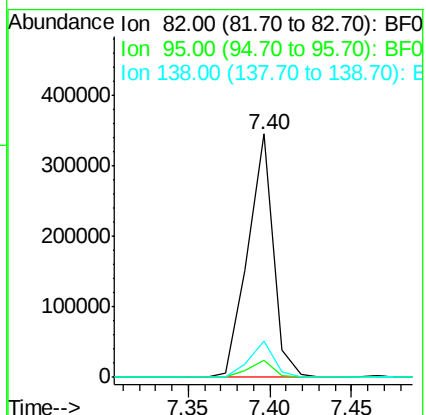
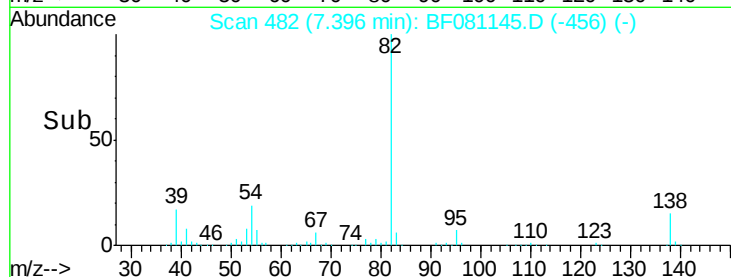
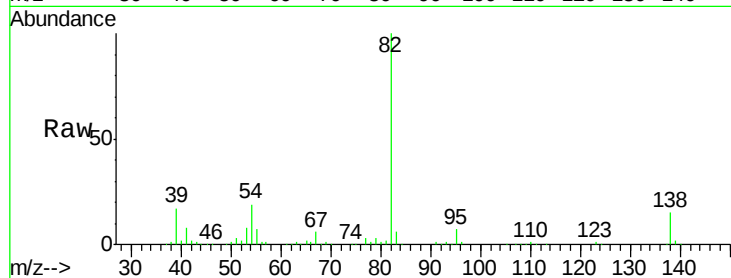
Tot Ion: 82 Resp: 373602

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 15.1 10.5 15.7



#26

2-Nitrophenol

Concen: 41.05 ng

RT: 7.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

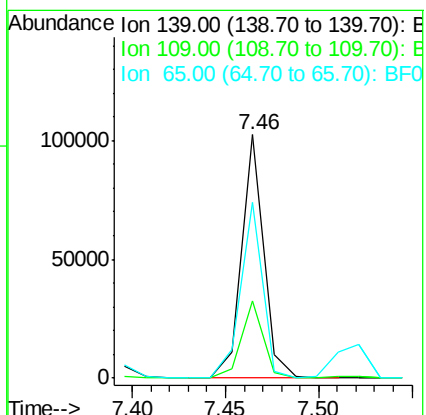
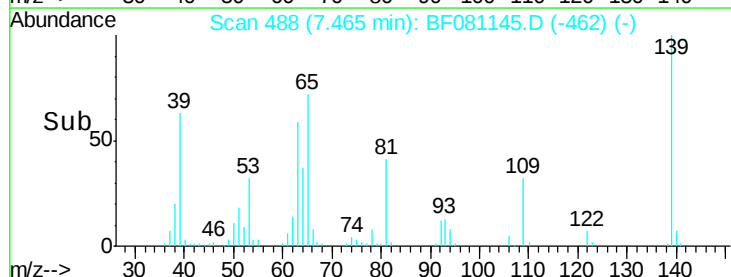
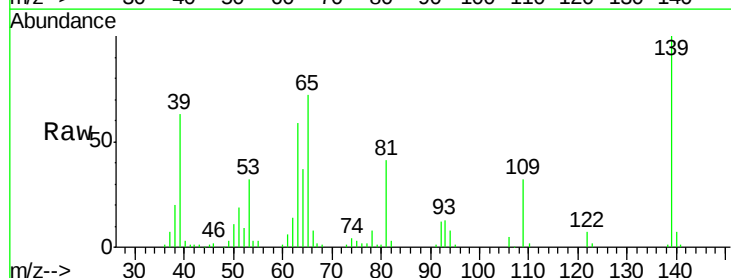
Tgt Ion: 139 Resp: 84704

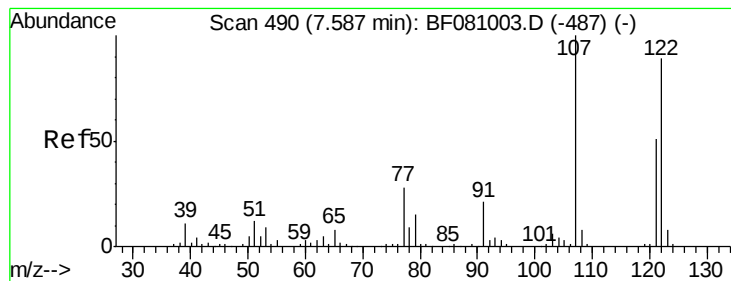
Ion Ratio Lower Upper

139 100

109 31.9 32.1 48.1#

65 72.1 69.9 104.9





#27

2,4-Dimethylphenol

Concen: 42.47 ng

RT: 7.52 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

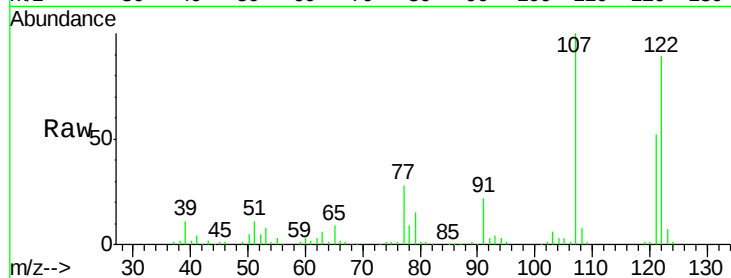
Tot Ion:122 Resp: 155033

Ion Ratio Lower Upper

122 100

107 112.4 103.8 155.6

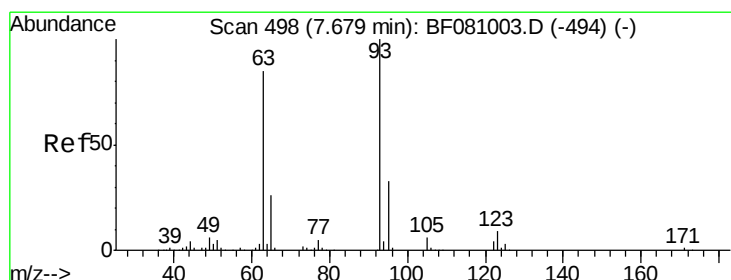
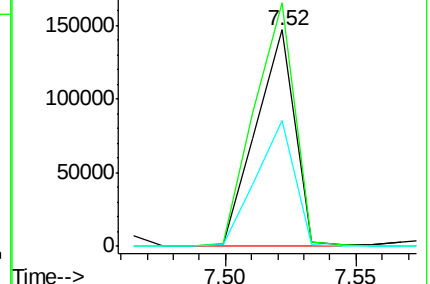
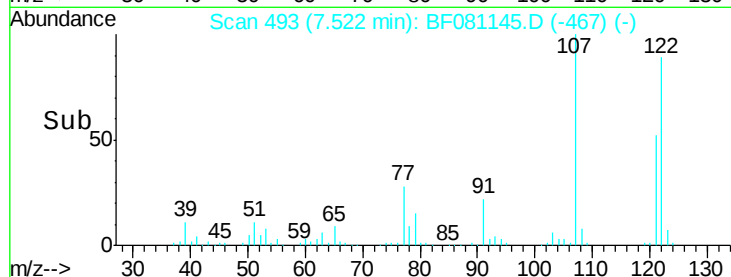
121 58.0 47.0 70.4



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: 42.00 ng

RT: 7.61 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

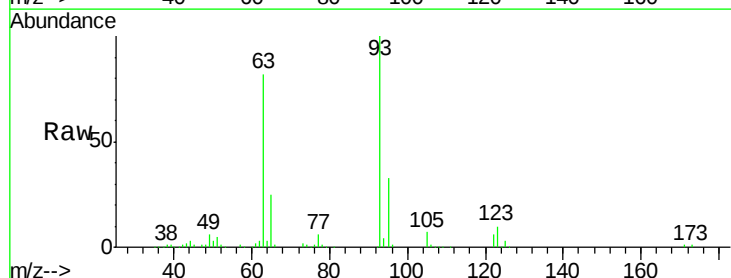
Tgt Ion: 93 Resp: 219541

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

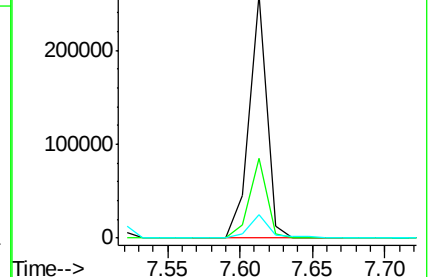
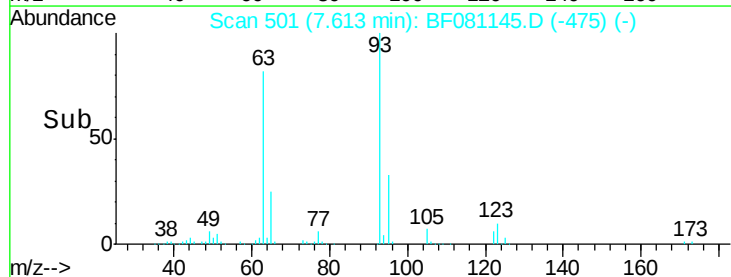
123 9.5 7.4 11.0

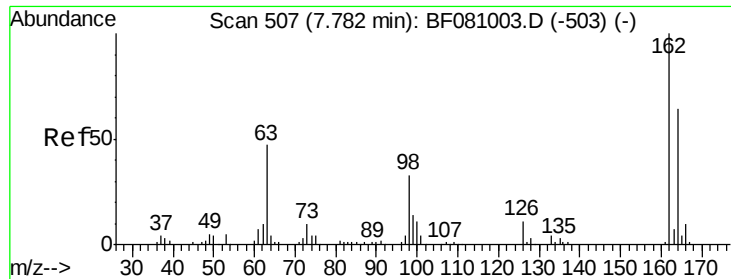


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

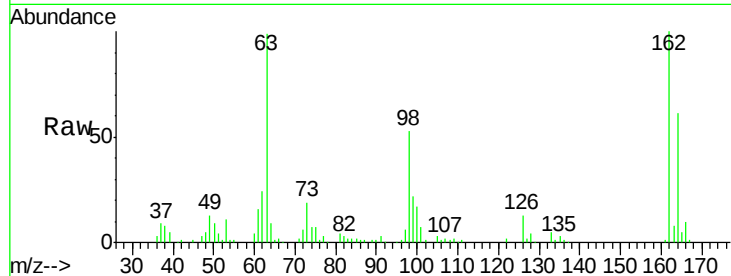




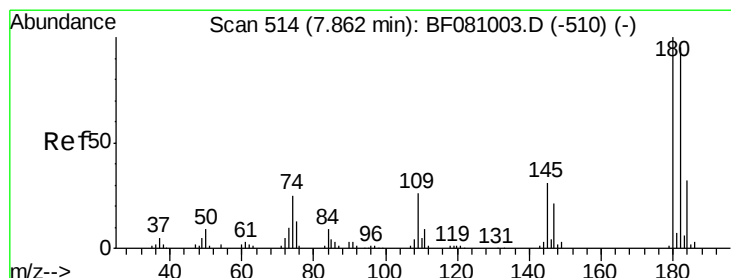
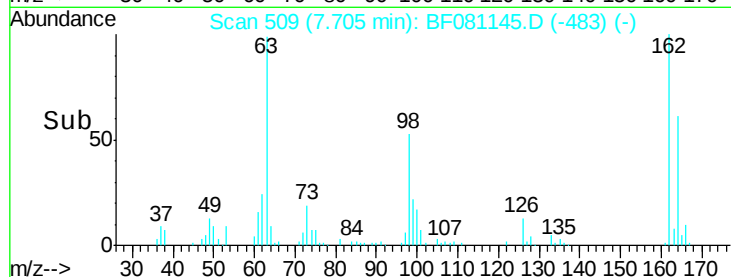
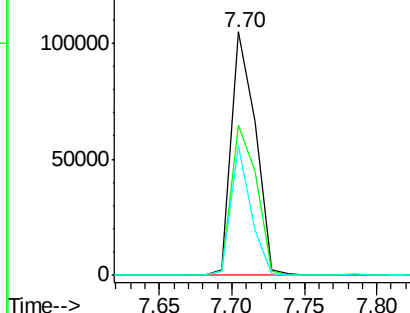
#29
 2,4-Dichlorophenol
 Concen: 39.58 ng
 RT: 7.70 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	43.2	83.2
98	53.5	12.3	52.3

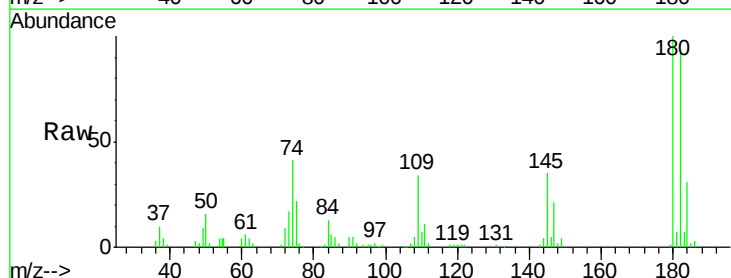


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

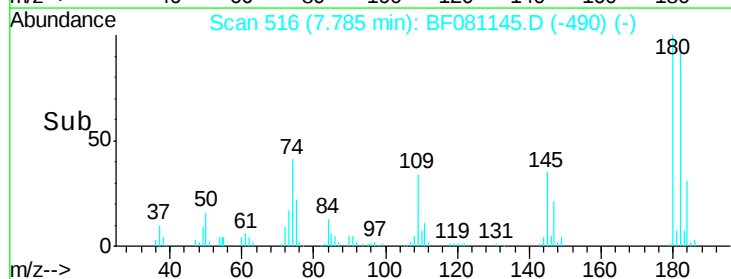
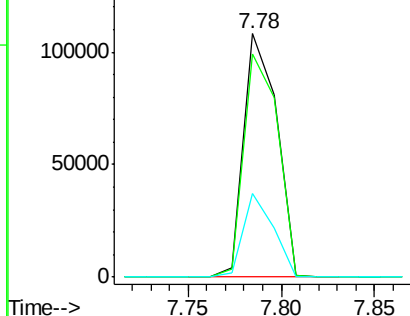


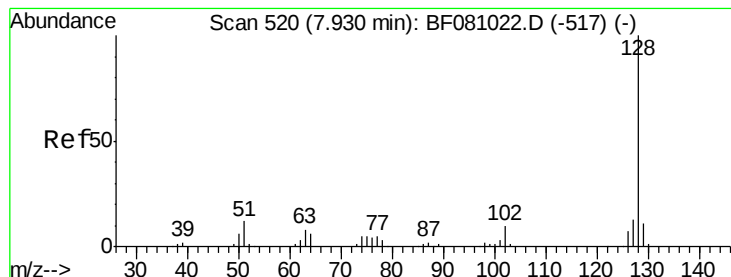
#30
 1,2,4-Trichlorobenzene
 Concen: 39.01 ng
 RT: 7.78 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.4	114.6
145	34.6	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: 38.15 ng

RT: 7.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

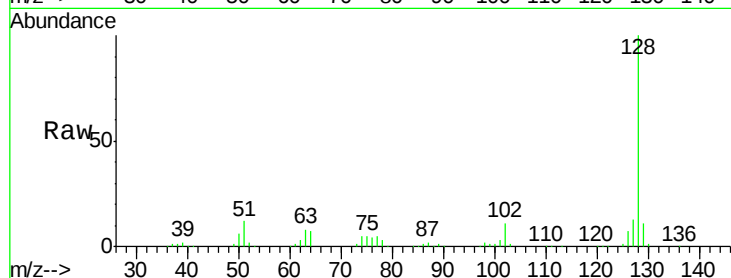
Tot Ion:128 Resp: 461019

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

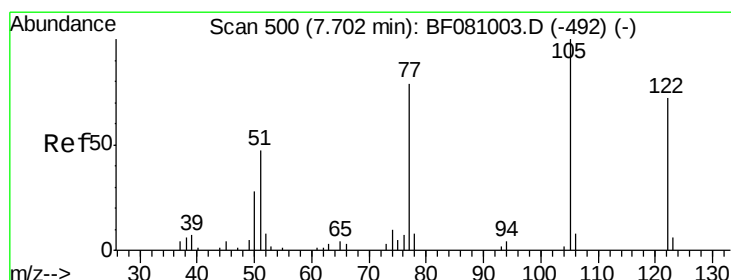
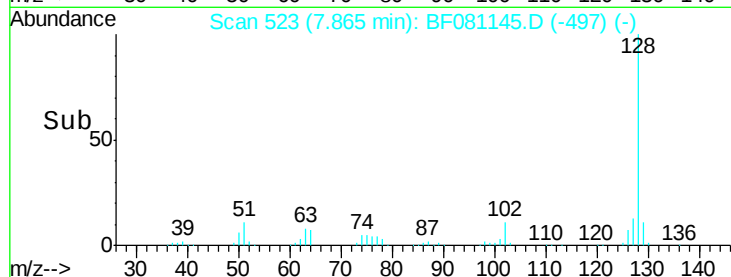
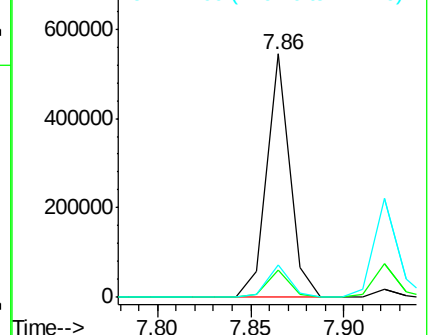
127 13.3 10.6 16.0



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: 43.63 ng

RT: 7.65 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

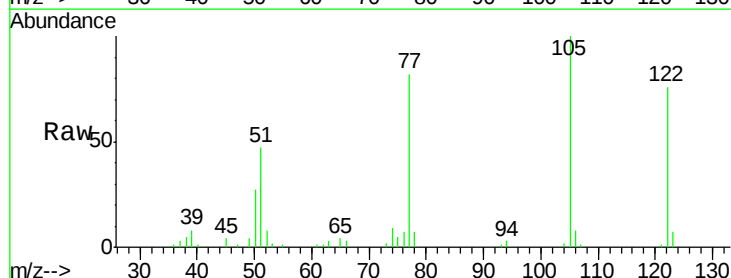
Tgt Ion:122 Resp: 89587

Ion Ratio Lower Upper

122 100

105 132.0 113.8 153.8

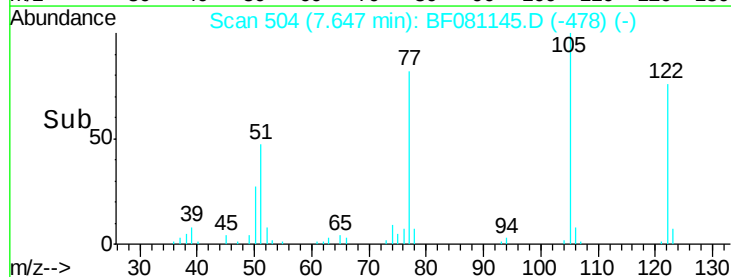
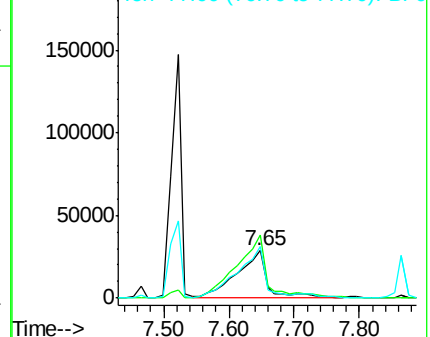
77 108.2 93.8 133.8

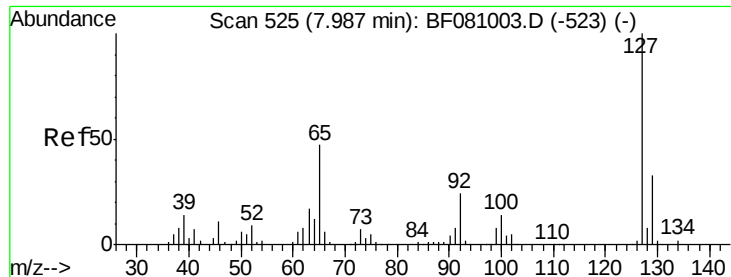


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

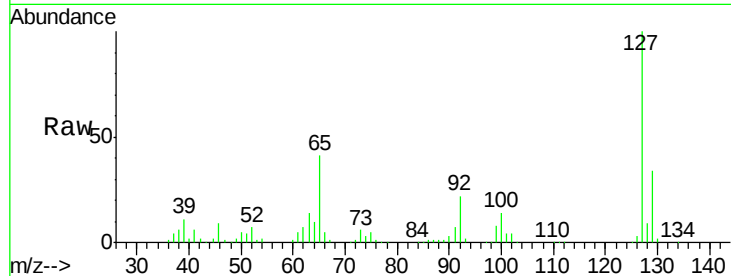




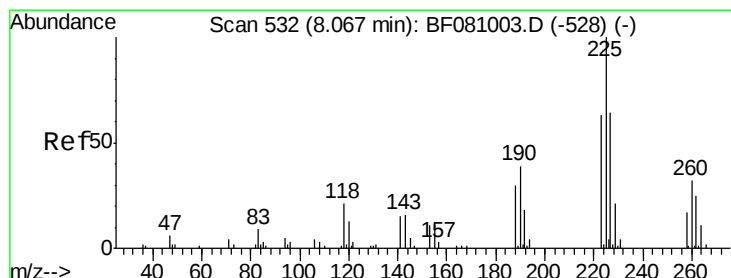
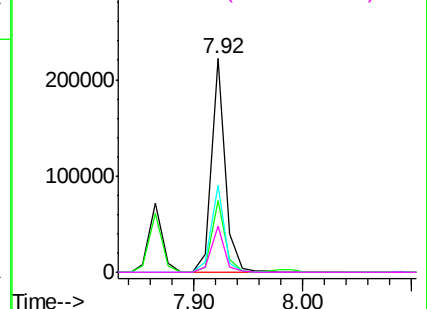
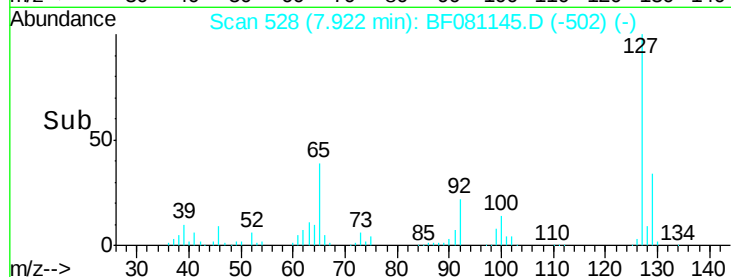
#33
4-Chloroaniline
Concen: 38.64 ng
RT: 7.92 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	197015
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.2	37.8
65	40.6	37.8	56.6
92	21.9	19.5	29.3

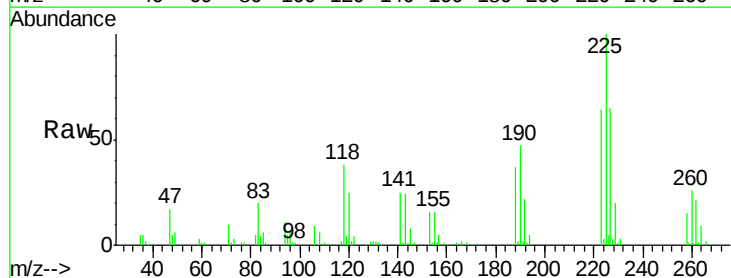


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

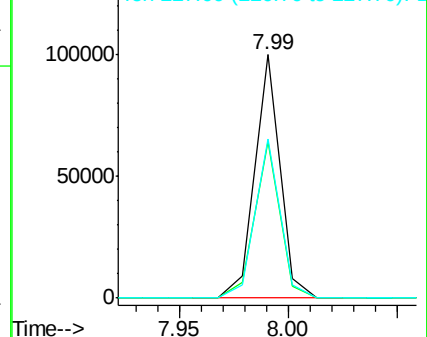
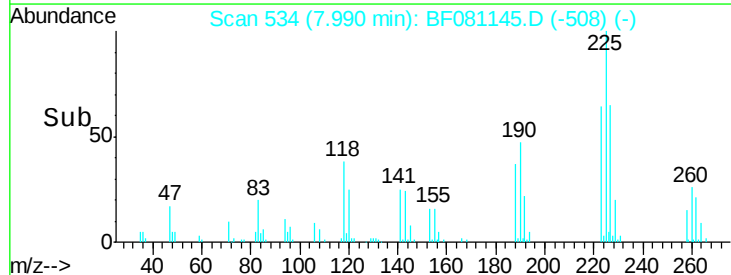


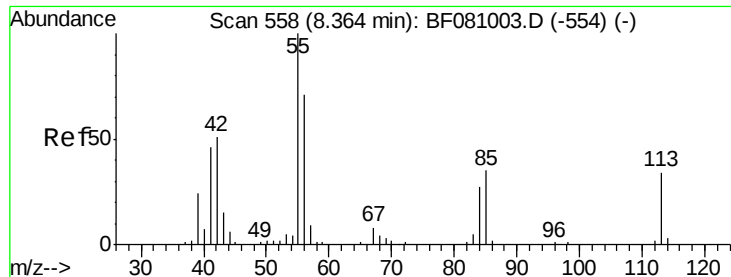
#34
Hexachlorobutadiene
Concen: 41.45 ng
RT: 7.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:	225	Resp:	80063
Ion	Ratio	Lower	Upper
225	100		
223	64.2	52.6	79.0
227	65.4	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: 42.22 ng

RT: 8.30 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

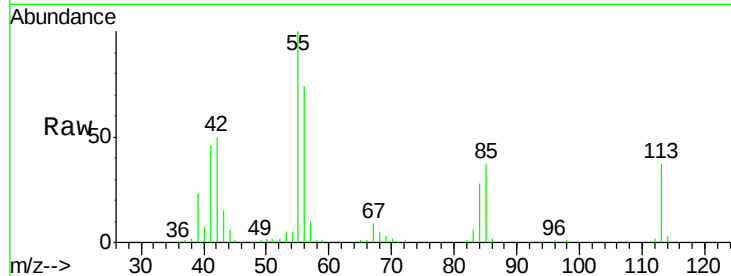
Tot Ion:113 Resp: 45342

Ion Ratio Lower Upper

113 100

55 273.4 280.4 320.4#

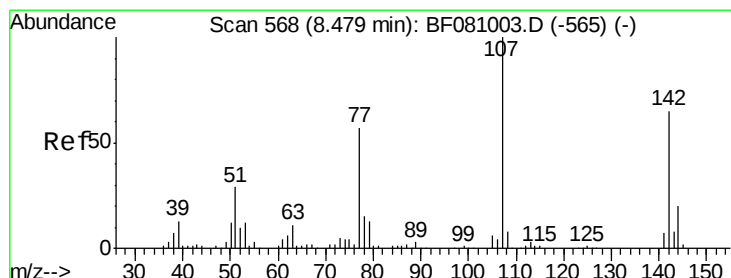
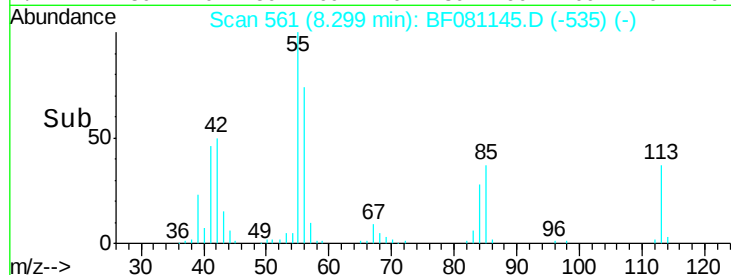
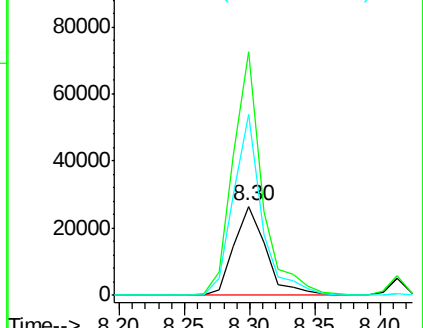
56 202.9 205.9 245.9#



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: 43.24 ng

RT: 8.41 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

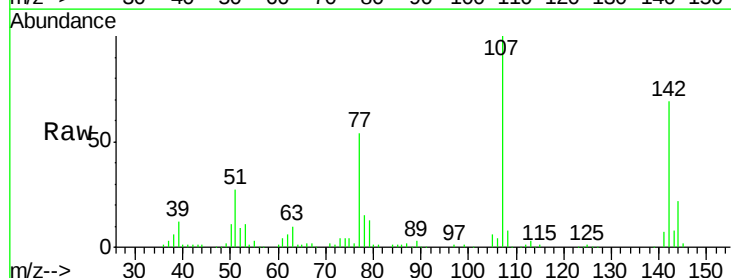
Tgt Ion:107 Resp: 158373

Ion Ratio Lower Upper

107 100

144 21.8 17.2 25.8

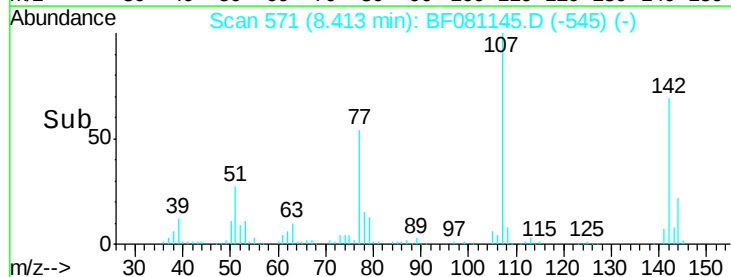
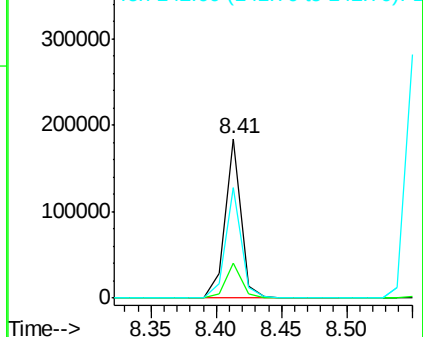
142 69.1 54.9 82.3

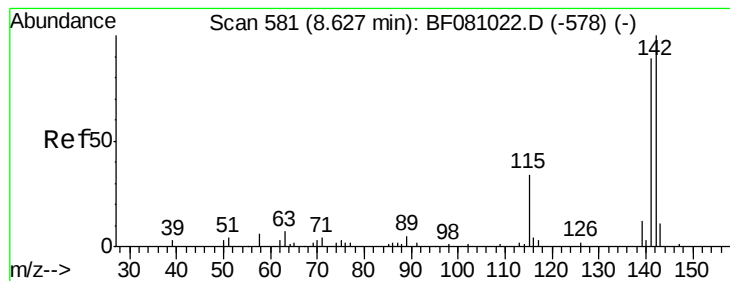


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.03 ng

RT: 8.55 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

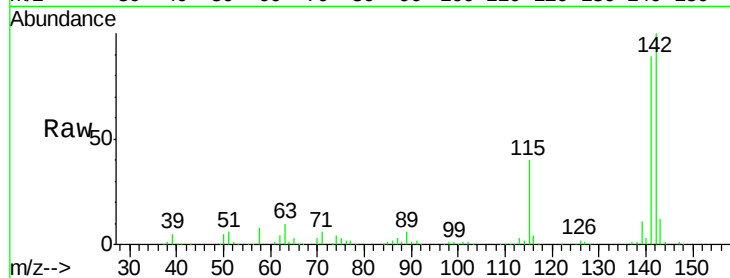
Tot Ion:142 Resp: 297871

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2

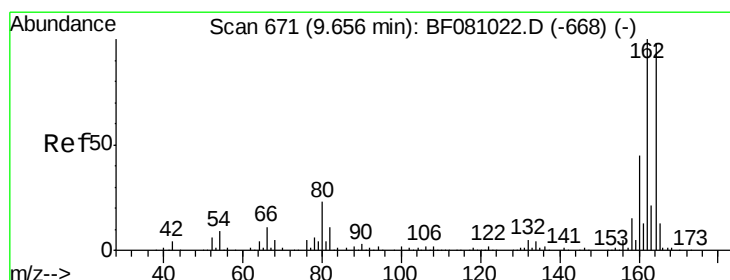
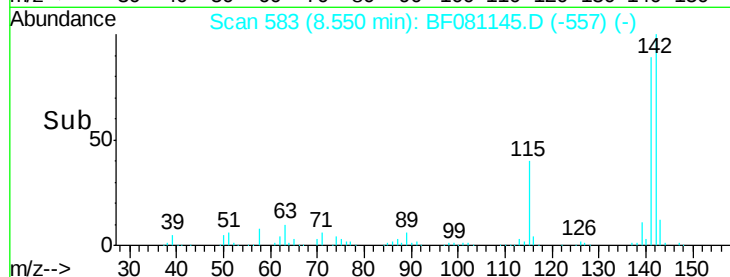
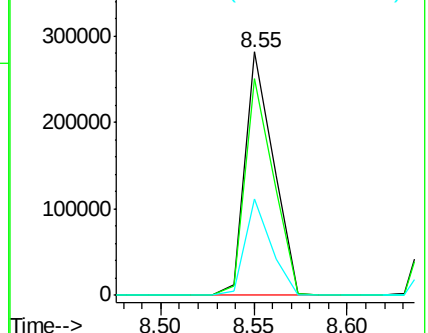
115 39.5 33.4 50.0



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: 9.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

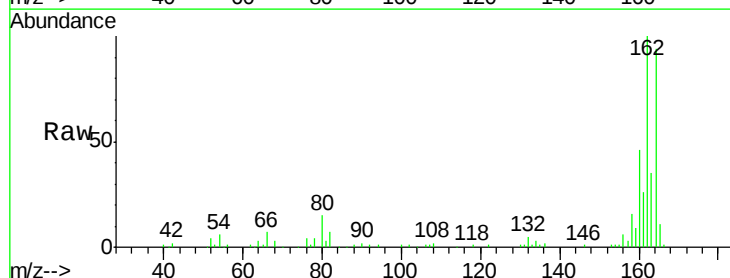
Tgt Ion:164 Resp: 104049

Ion Ratio Lower Upper

164 100

162 106.2 83.8 125.8

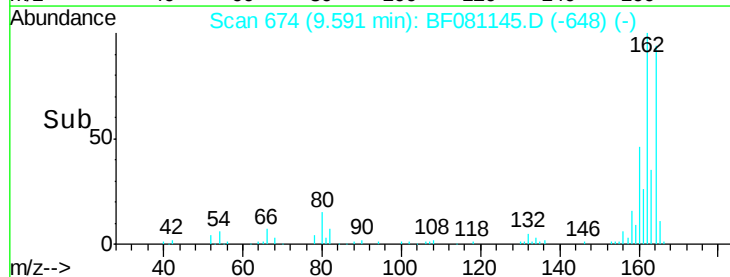
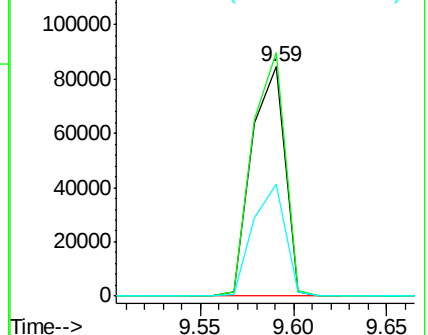
160 48.8 39.8 59.8

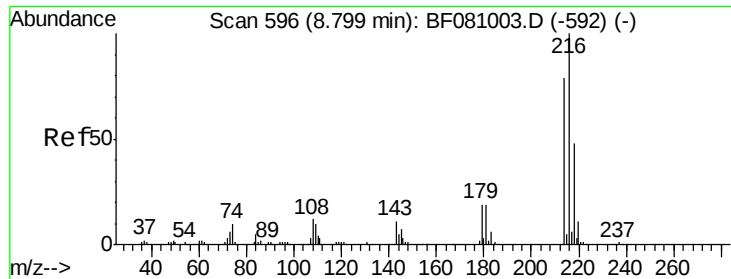


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

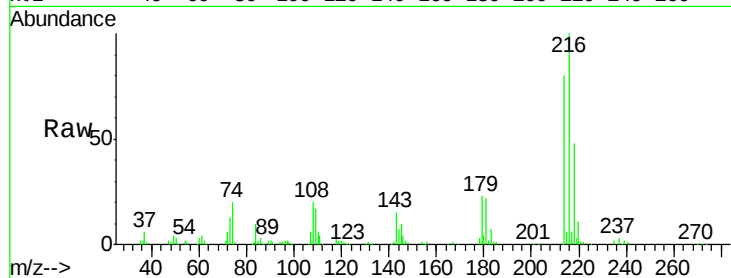




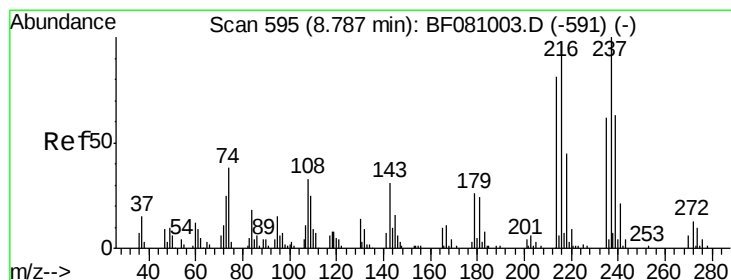
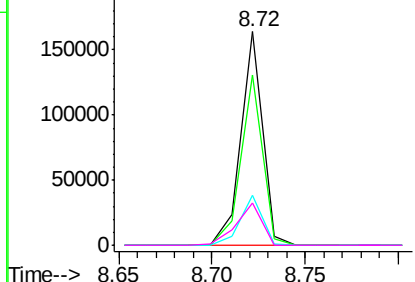
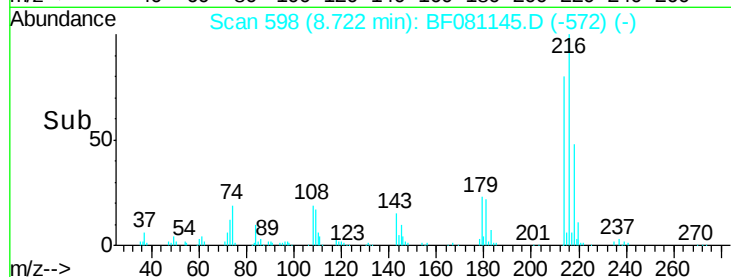
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.84 ng
 RT: 8.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	133757
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.8
179	23.6	17.8	26.8
108	23.4	16.2	24.2

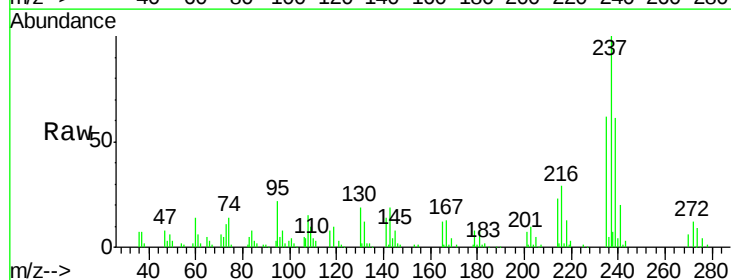


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

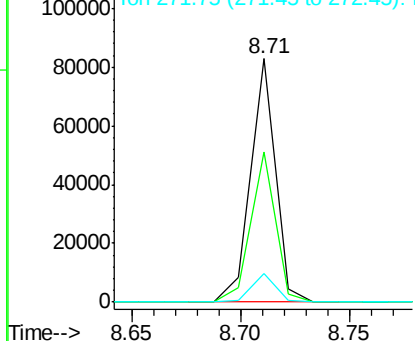
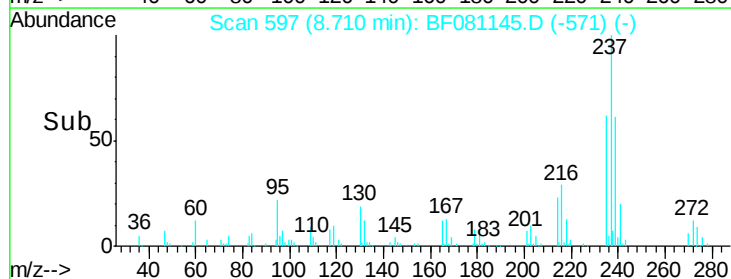


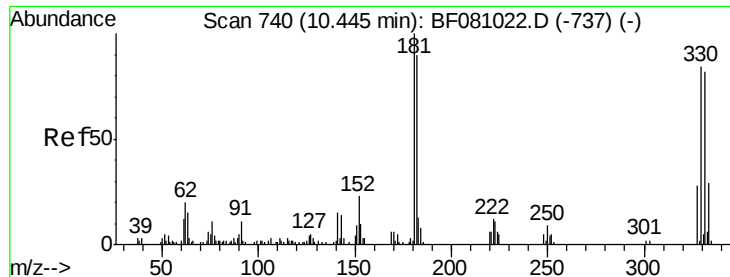
#40
 Hexachlorocyclopentadiene
 Concen: 37.85 ng
 RT: 8.71 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:	237	Resp:	65759
Ion	Ratio	Lower	Upper
237	100		
235	61.8	43.6	83.6
272	11.9	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: 75.71 ng

RT: 10.37 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

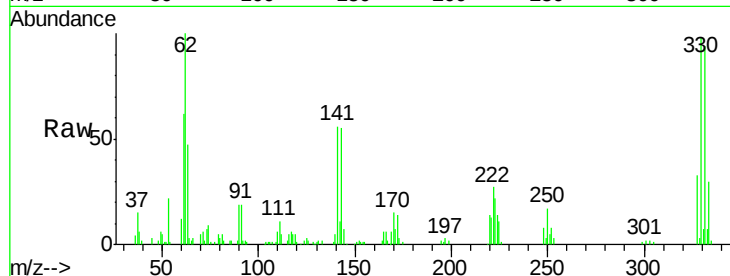
Tot Ion:330 Resp: 68282

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

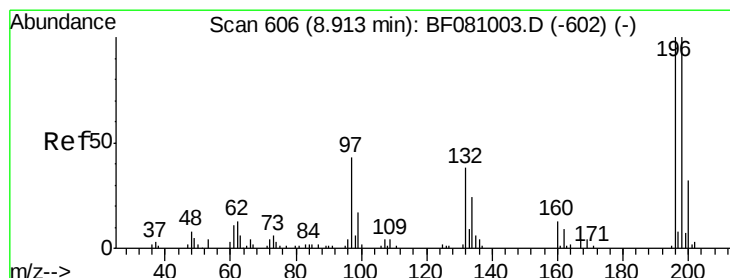
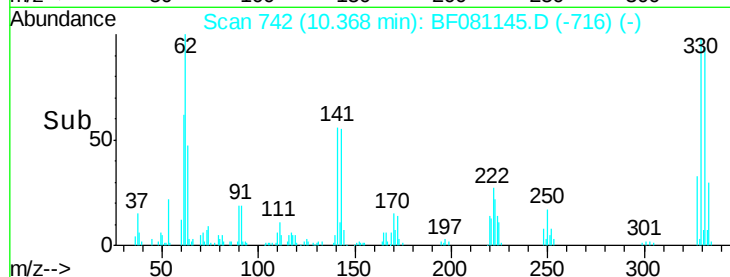
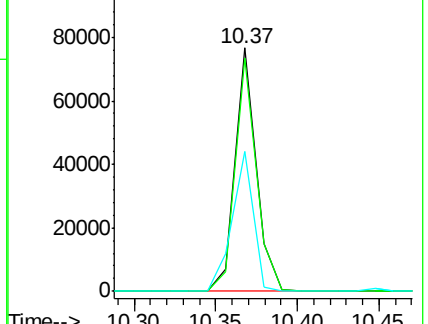
141 57.7 44.9 67.3



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: 40.80 ng

RT: 8.84 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

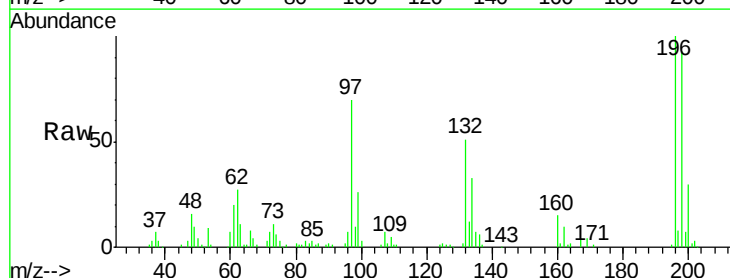
Tgt Ion:196 Resp: 96770

Ion Ratio Lower Upper

196 100

198 92.6 74.6 111.8

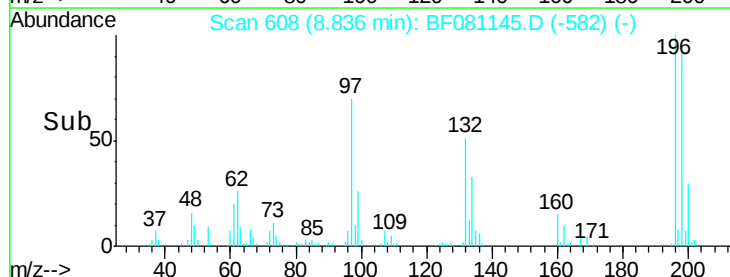
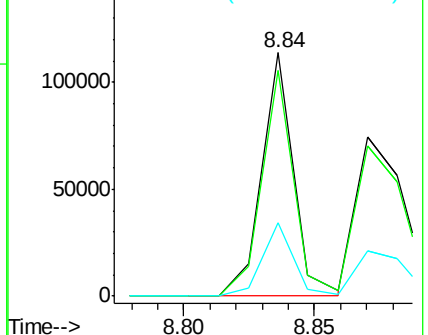
200 30.3 22.7 34.1

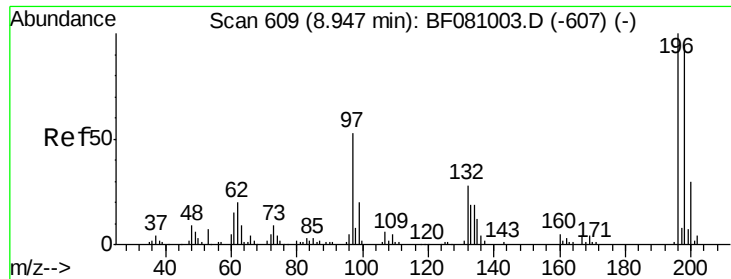


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

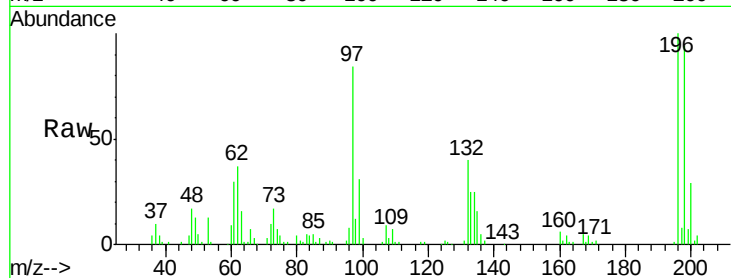




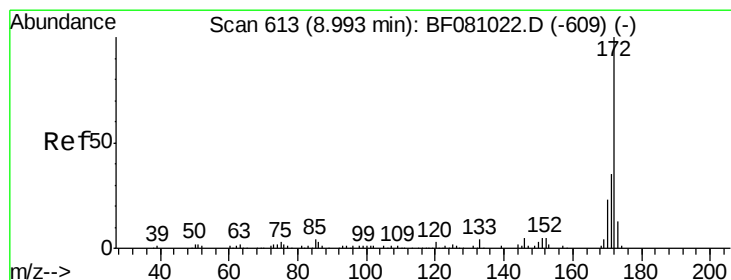
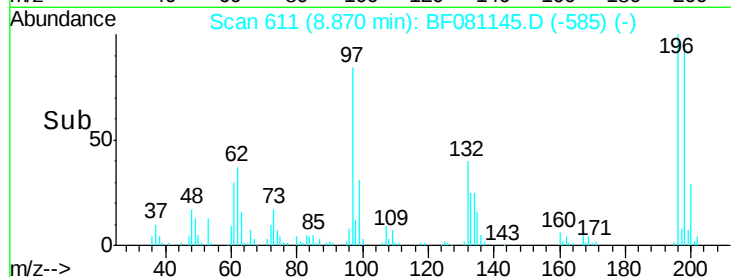
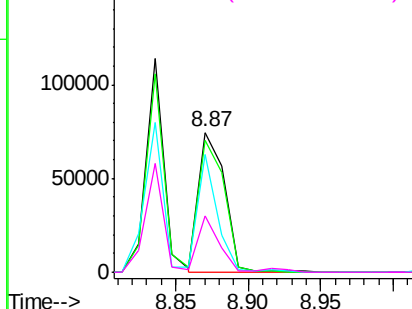
#43
 2,4,5-Trichlorophenol
 Concen: 39.34 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 93245
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.3 117.5
 97 84.2 42.7 64.1#
 132 40.1 23.3 34.9#

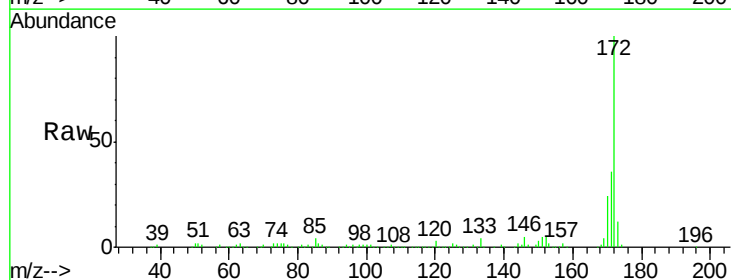


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

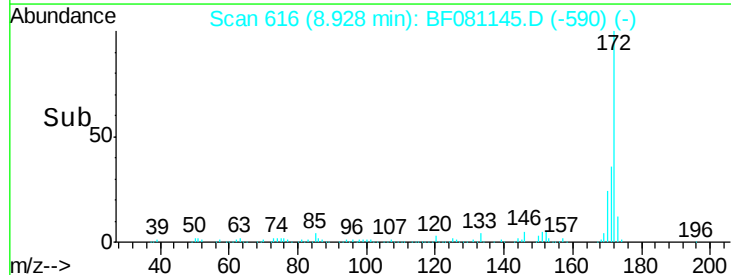
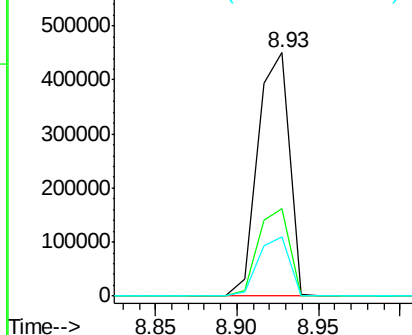


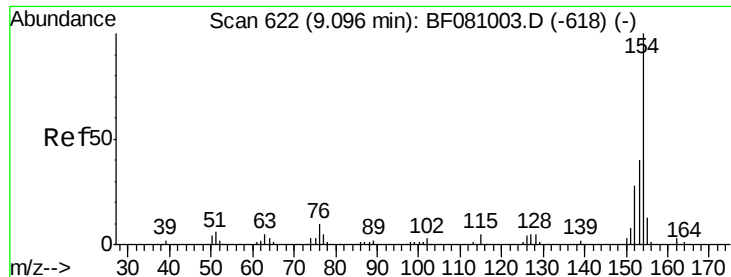
#44
 2-Fluorobiphenyl
 Concen: 76.00 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:172 Resp: 603487
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 24.3 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: 40.42 ng

RT: 9.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

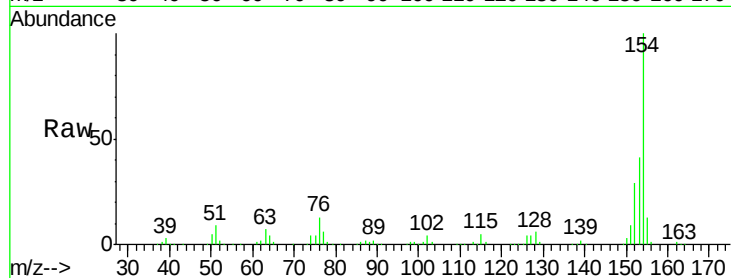
Tot Ion:154 Resp: 370484

Ion Ratio Lower Upper

154 100

153 41.0 19.5 59.5

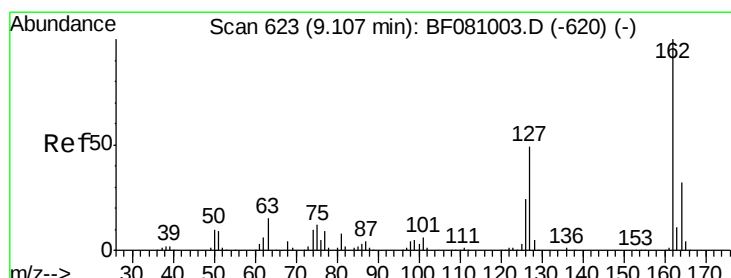
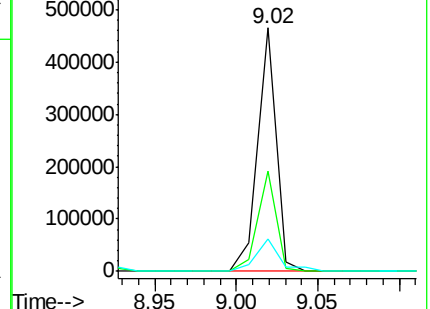
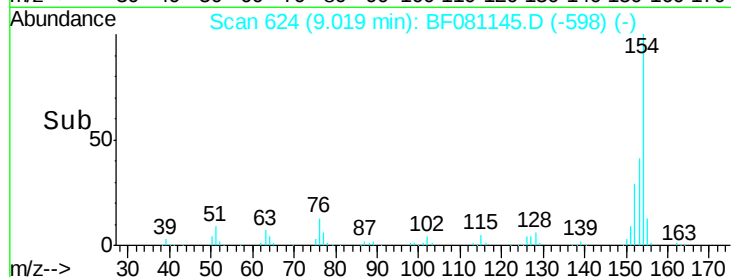
76 13.3 0.0 29.3



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: 40.63 ng

RT: 9.04 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

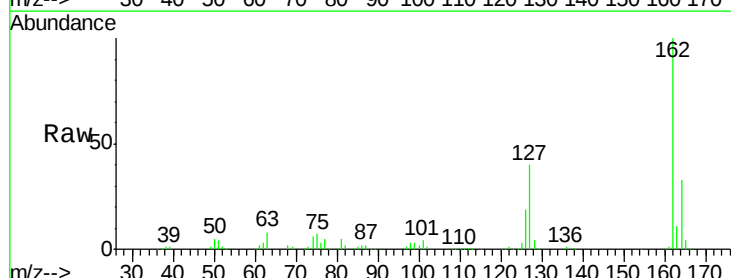
Tgt Ion:162 Resp: 299177

Ion Ratio Lower Upper

162 100

127 40.0 31.3 46.9

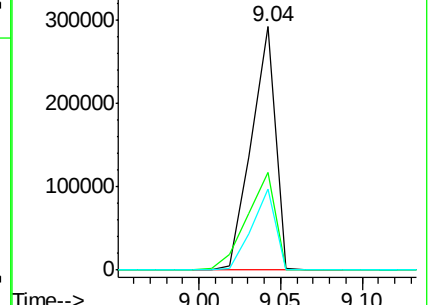
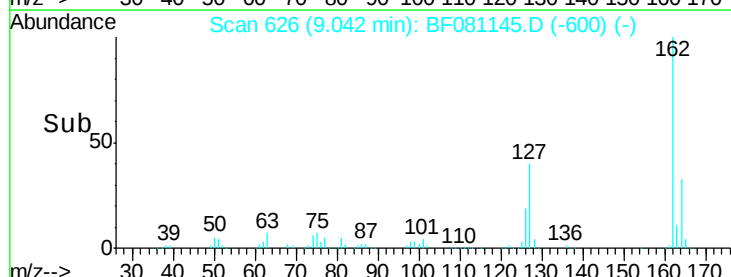
164 33.4 26.3 39.5

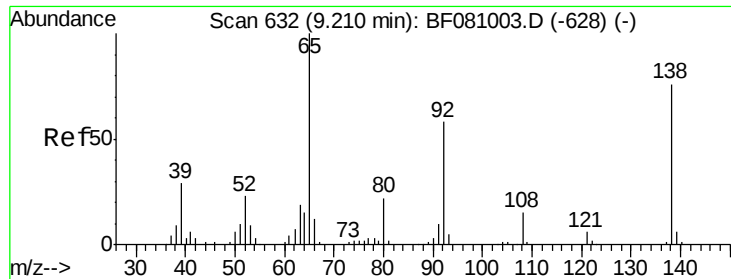


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

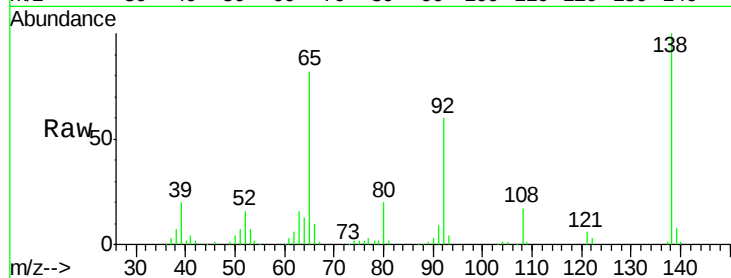




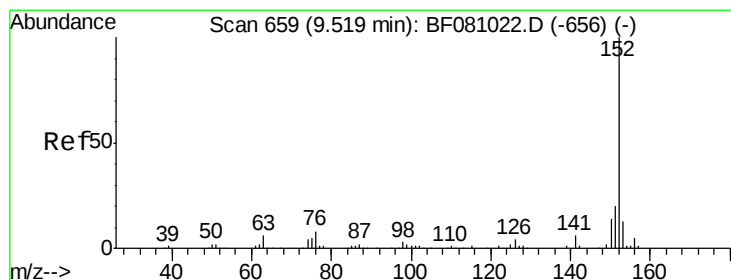
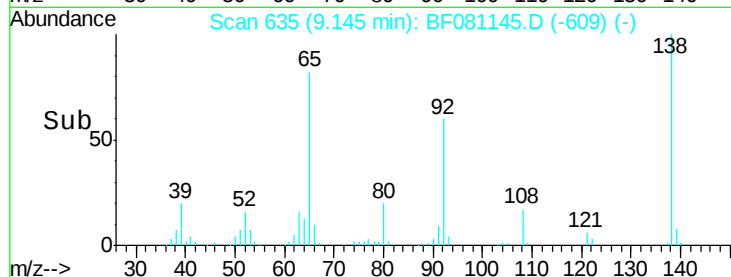
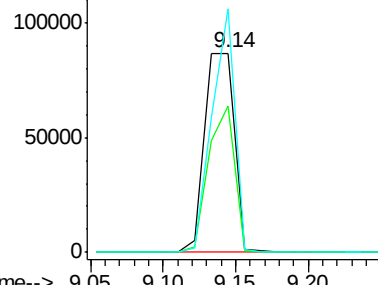
#47
 2-Nitroaniline
 Concen: 41.04 ng
 RT: 9.14 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.4	45.6	68.4#
138	122.3	57.9	86.9#

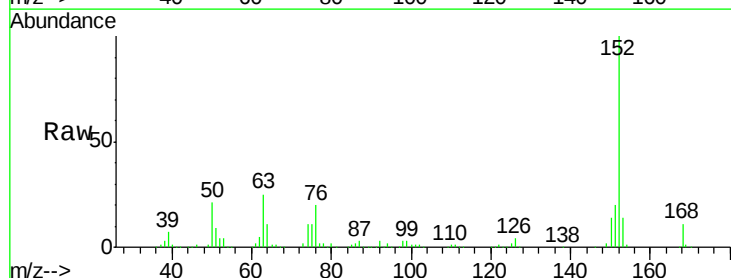


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

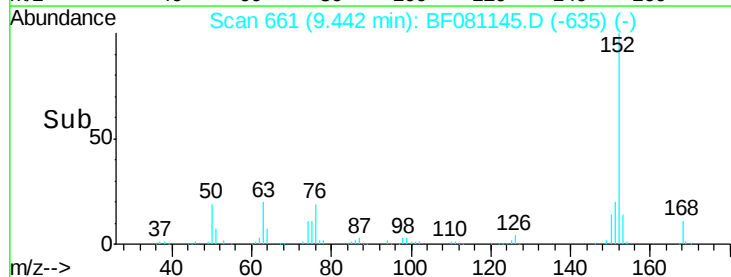
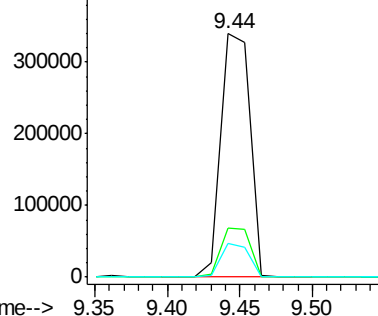


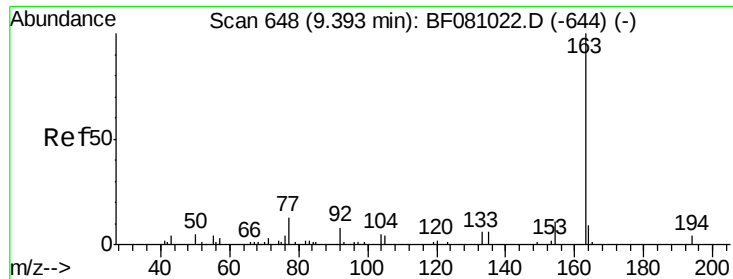
#48
 Acenaphthylene
 Concen: 36.03 ng
 RT: 9.44 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.7	9.8	14.6



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

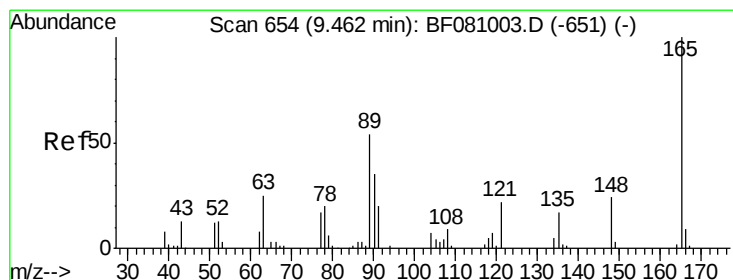
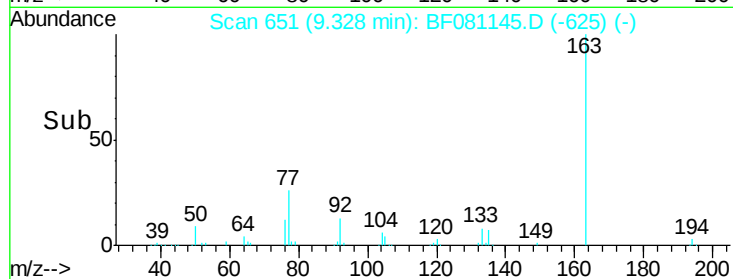
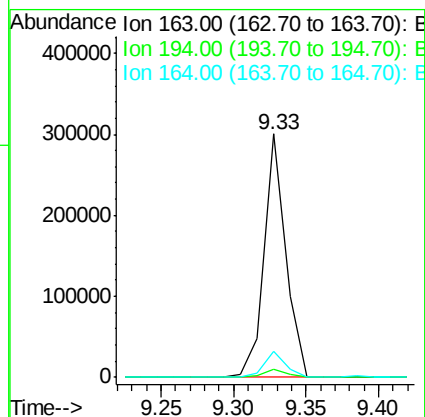
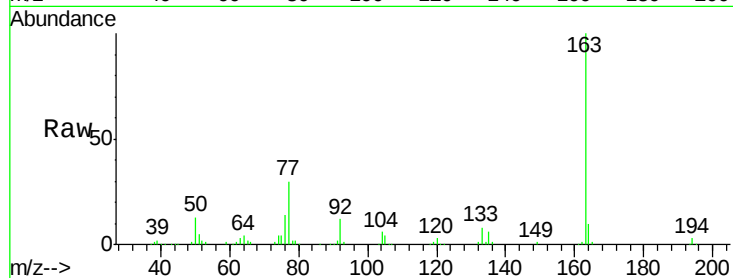




#49
Dimethylphthalate
Concen: 36.31 ng
RT: 9.33 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

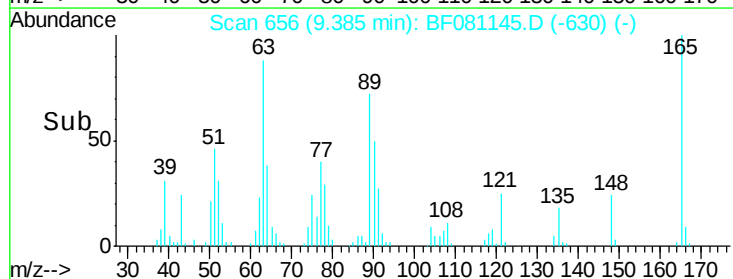
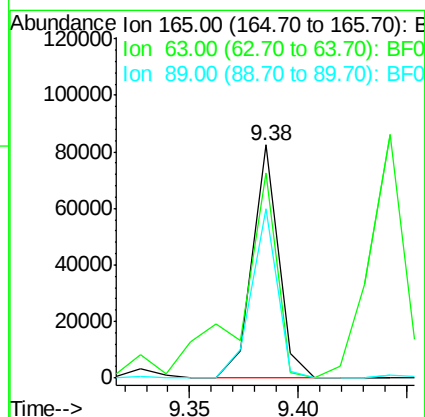
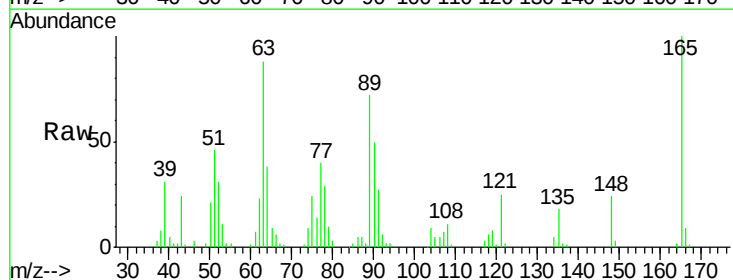
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

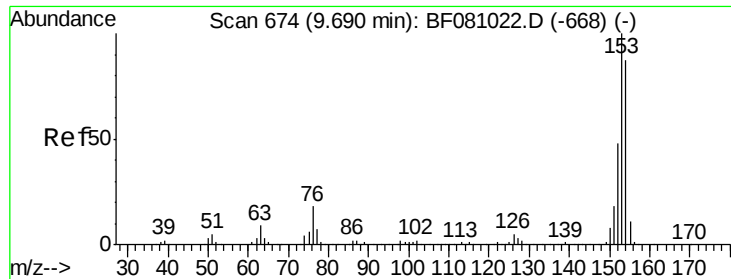
Tot Ion:163 Resp: 311159
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 10.5 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 37.57 ng
RT: 9.38 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:165 Resp: 69116
Ion Ratio Lower Upper
165 100
63 87.8 49.5 74.3#
89 72.4 47.6 71.4#





#51

Acenaphthene

Concen: 36.49 ng

RT: 9.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

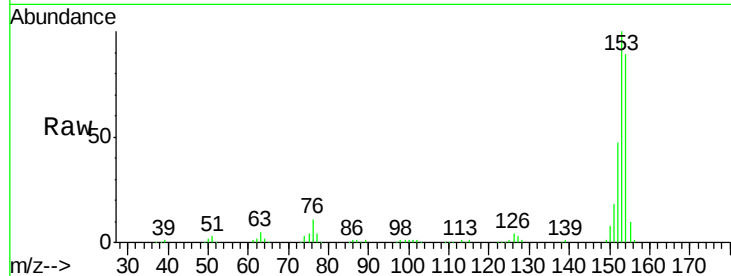
Tot Ion:154 Resp: 287695

Ion Ratio Lower Upper

154 100

153 112.6 91.4 137.2

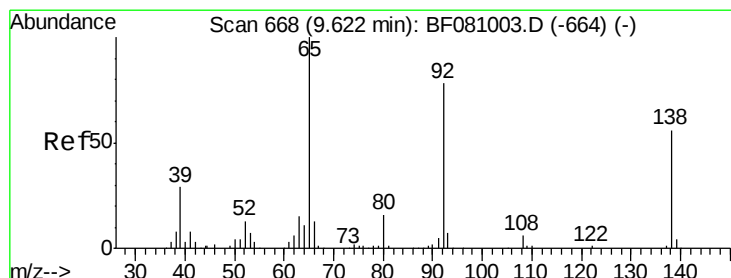
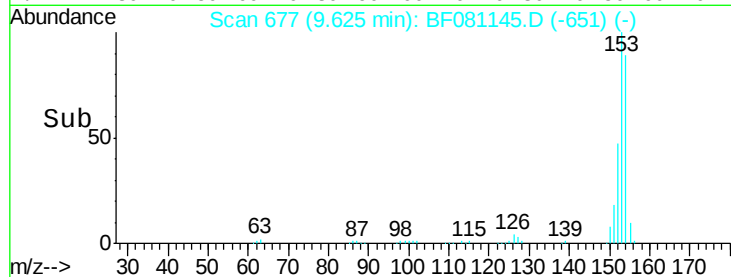
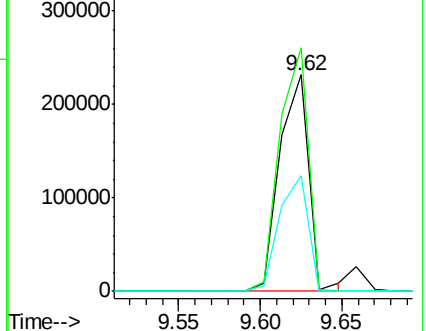
152 53.5 43.7 65.5



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: 41.54 ng

RT: 9.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

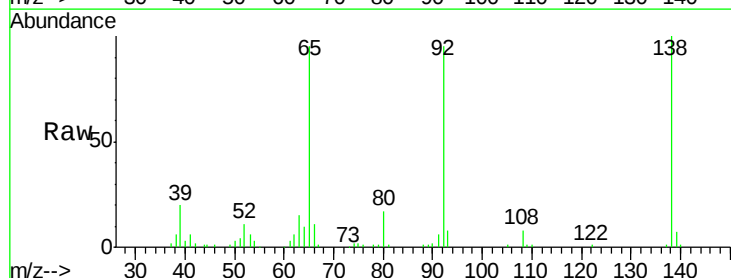
Tgt Ion:138 Resp: 95642

Ion Ratio Lower Upper

138 100

108 8.4 9.4 14.2#

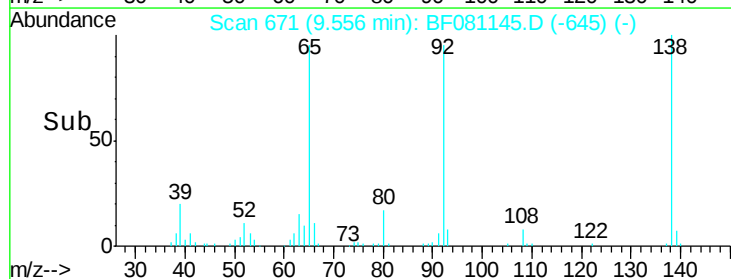
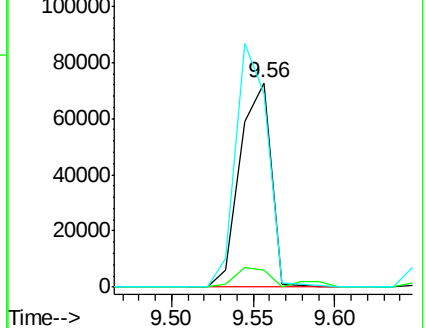
92 94.7 113.2 169.8#

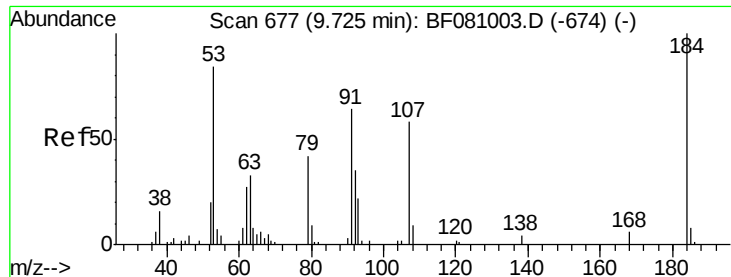


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

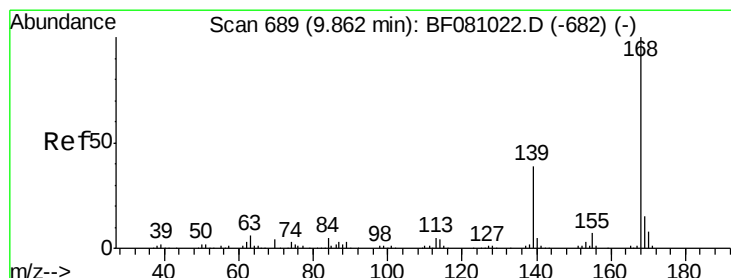
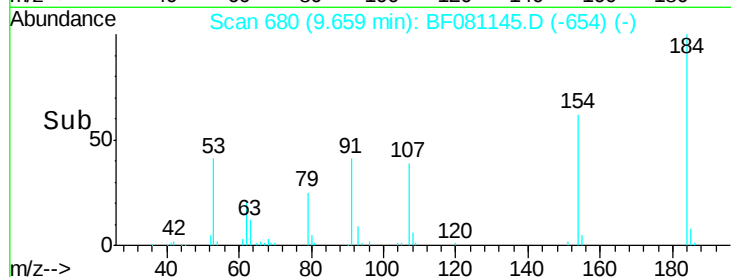
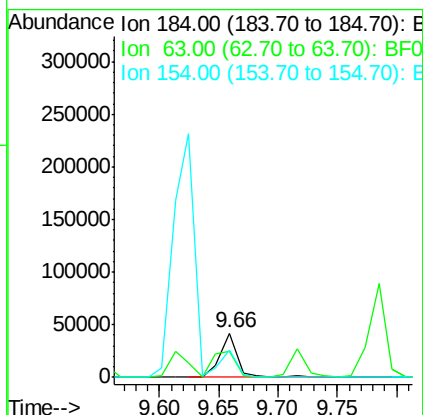
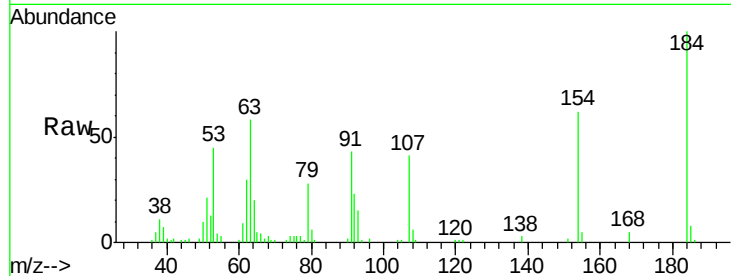




#53
2,4-Dinitrophenol
Concen: 45.91 ng
RT: 9.66 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

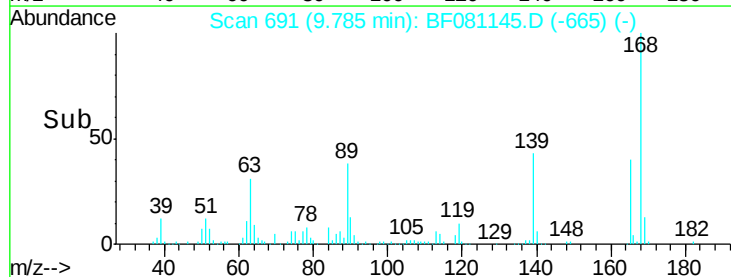
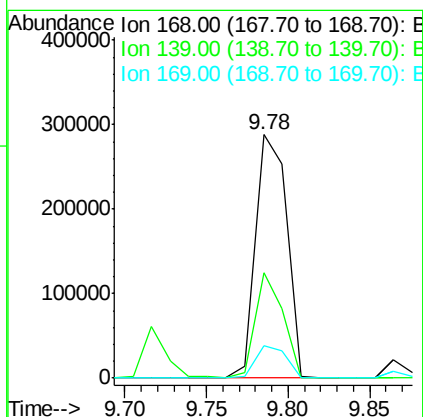
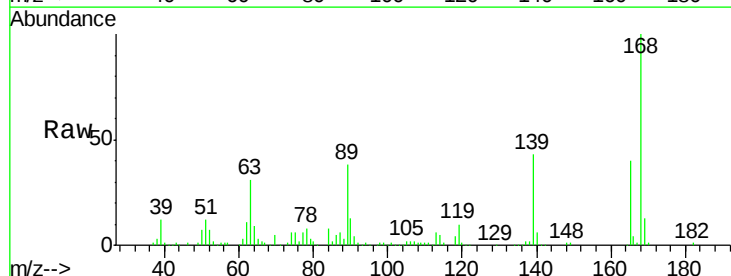
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

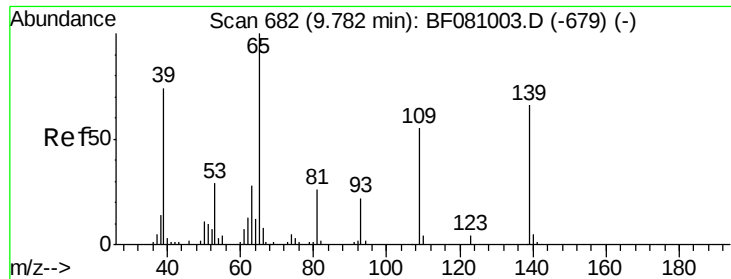
Tot Ion:184 Resp: 42021
Ion Ratio Lower Upper
184 100
63 58.5 101.7 152.5#
154 62.4 67.4 101.0#



#54
Dibenzofuran
Concen: 36.24 ng
RT: 9.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:168 Resp: 382954
Ion Ratio Lower Upper
168 100
139 43.3 29.3 43.9
169 13.4 10.3 15.5





#55

4-Nitrophenol

Concen: 37.79 ng

RT: 9.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

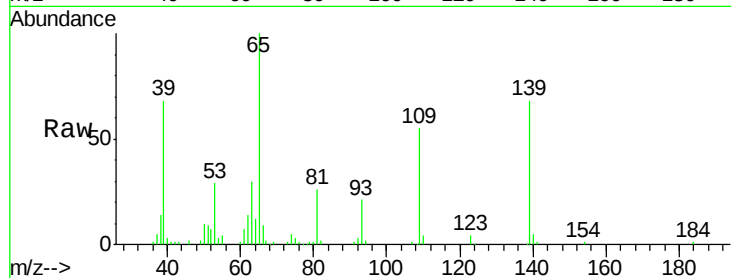
Tot Ion:139 Resp: 61103

Ion Ratio Lower Upper

139 100

109 81.5 80.0 120.0

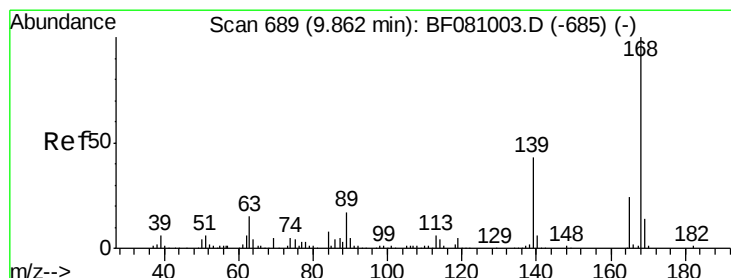
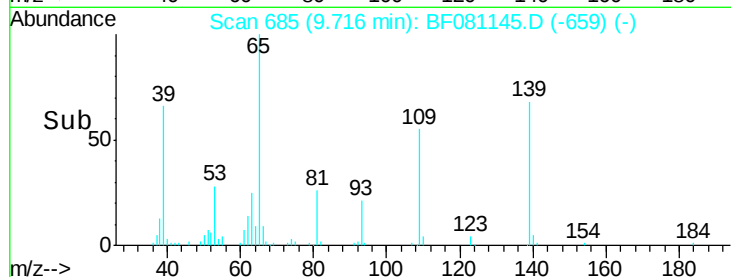
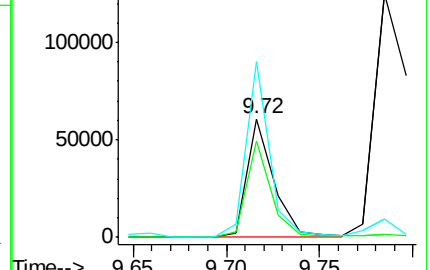
65 147.5 138.3 178.3



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): E



#56

2,4-Dinitrotoluene

Concen: 41.70 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Tgt Ion:165 Resp: 101687

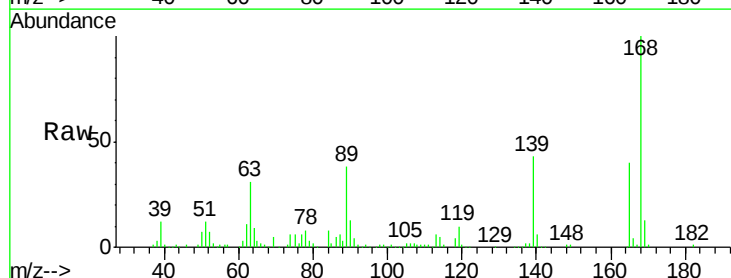
Ion Ratio Lower Upper

165 100

63 77.6 52.2 78.4

89 94.6 60.1 90.1#

182 1.7 1.8 2.6#

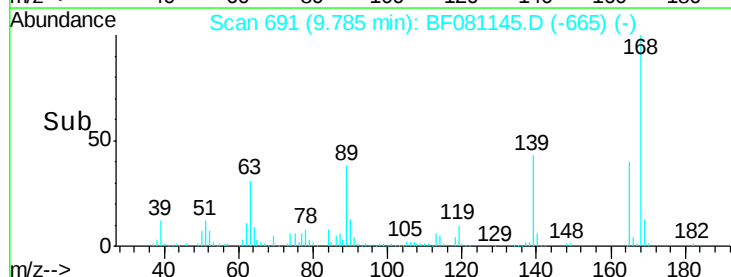
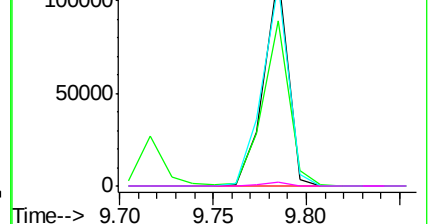


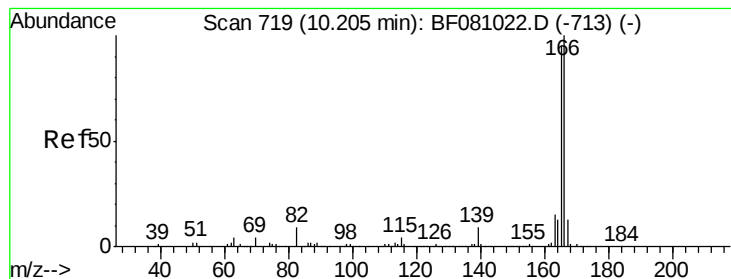
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.38 ng

RT: 10.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

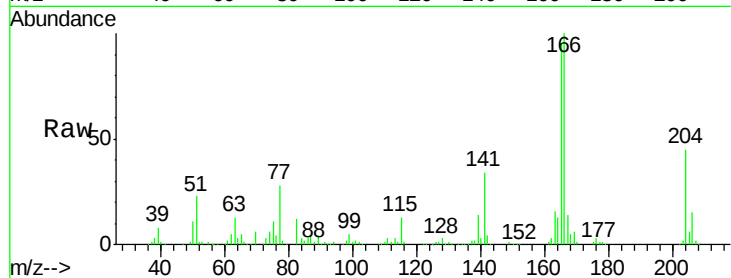
Tot Ion:166 Resp: 303863

Ion Ratio Lower Upper

166 100

165 95.4 75.8 113.8

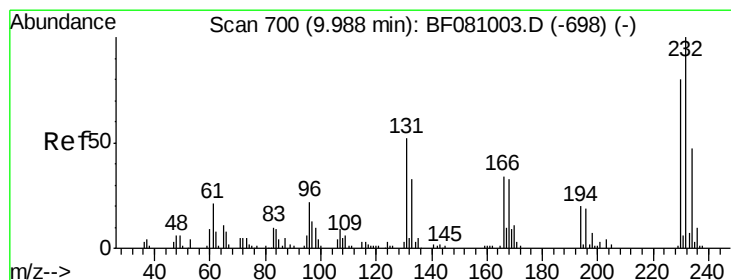
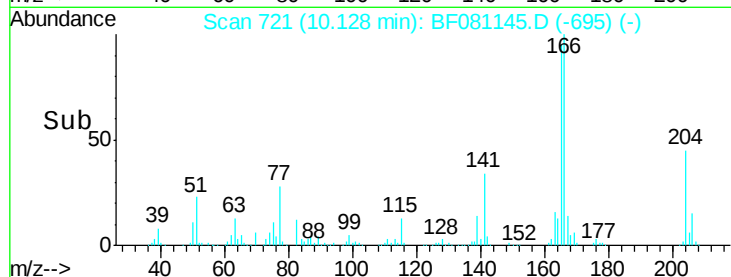
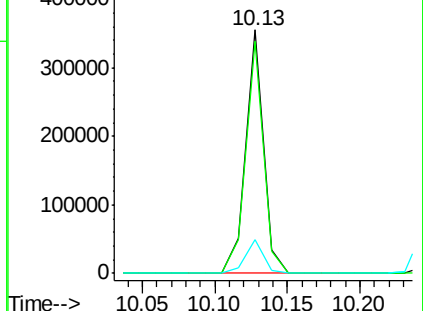
167 13.7 11.3 16.9



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: 39.19 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Tgt Ion:232 Resp: 71903

Ion Ratio Lower Upper

232 100

131 52.4 42.2 63.4

130 2.7 2.1 3.1

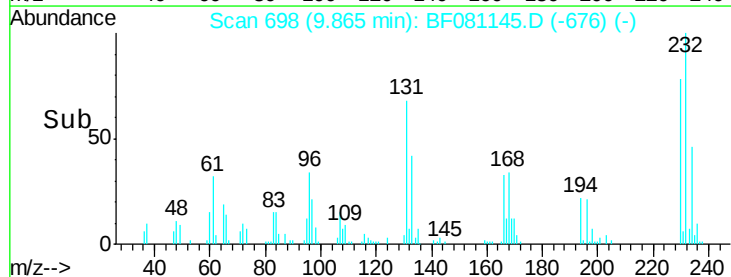
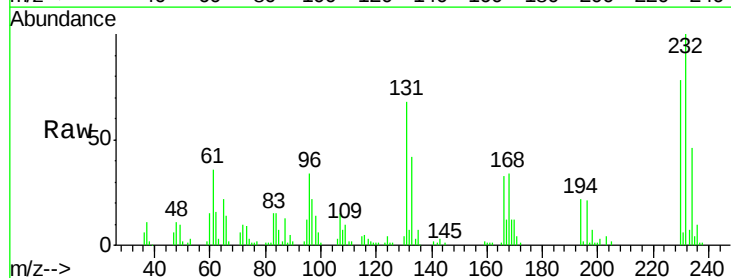
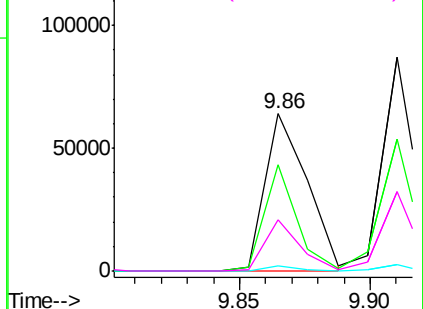
166 27.6 22.4 33.6

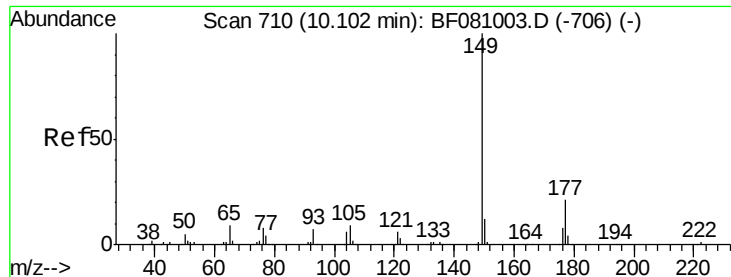
Abundance Ion 232.00 (231.70 to 232.70): E

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

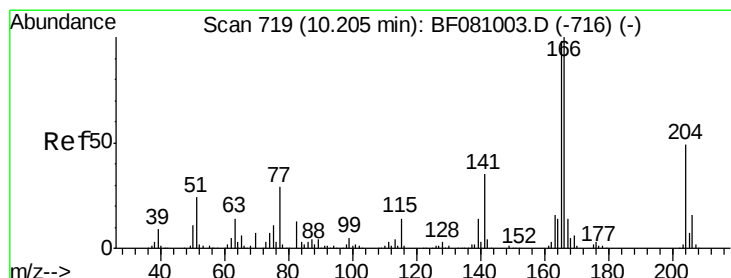
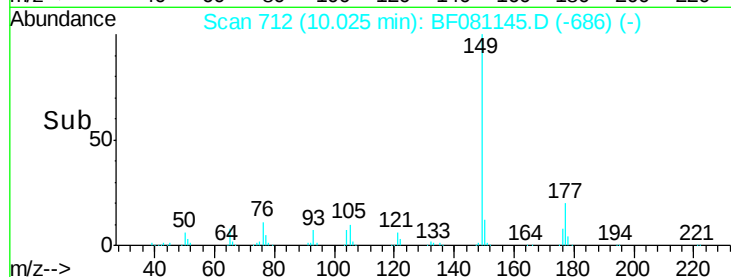
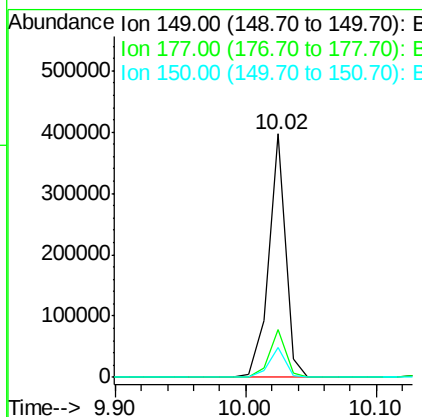
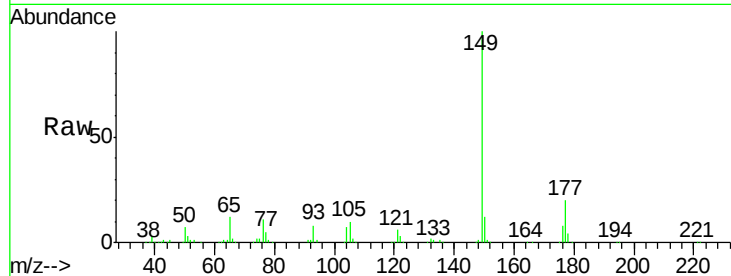




#59
Diethylphthalate
Concen: 39.57 ng
RT: 10.02 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

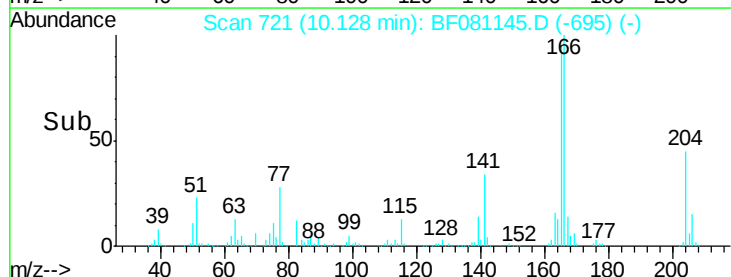
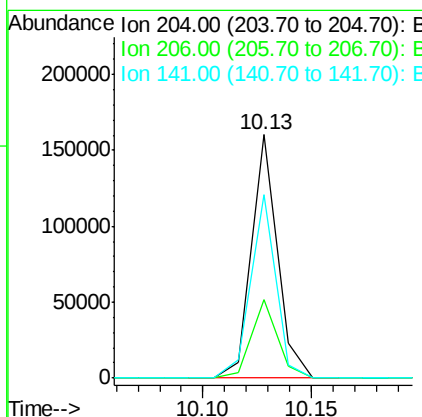
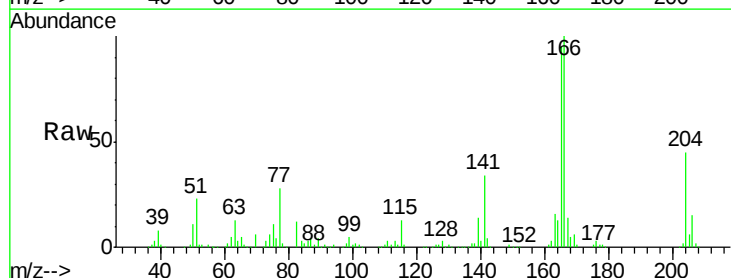
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

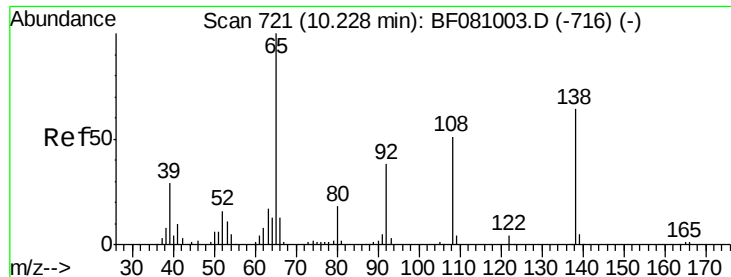
Tot Ion:149 Resp: 358939
Ion Ratio Lower Upper
149 100
177 19.6 14.1 21.1
150 12.4 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 38.68 ng
RT: 10.13 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:204 Resp: 133035
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 75.5 59.6 89.4





#61

4-Nitroaniline

Concen: 45.73 ng

RT: 10.16 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

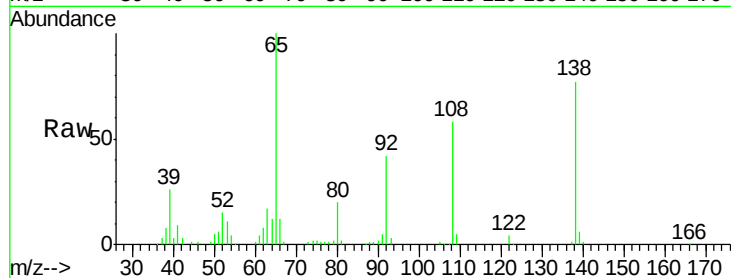
Tot Ion:138 Resp: 107600

Ion Ratio Lower Upper

138 100

92 54.6 34.7 74.7

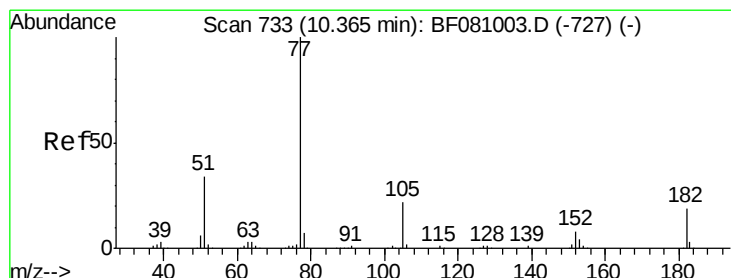
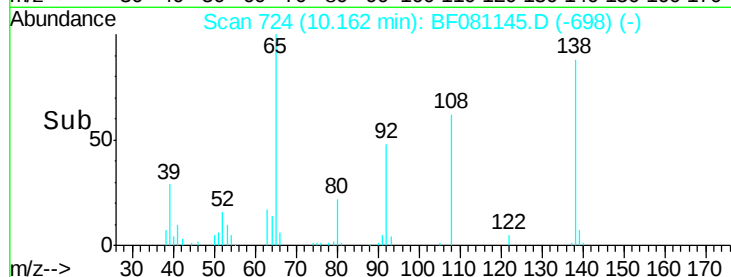
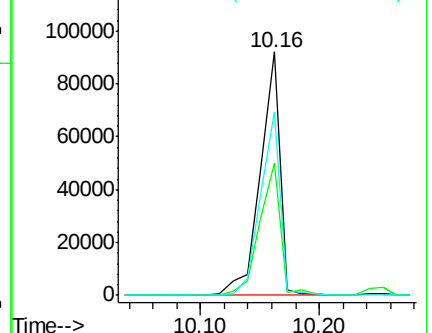
108 75.3 68.9 108.9



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: 41.11 ng

RT: 10.29 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Tgt Ion: 77 Resp: 429675

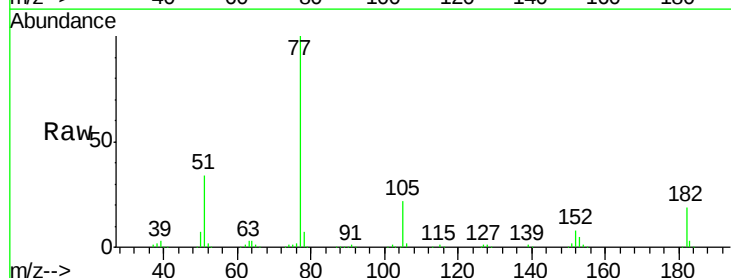
Ion Ratio Lower Upper

77 100

182 19.5 0.0 39.0

105 21.7 0.2 40.2

51 34.2 18.0 58.0

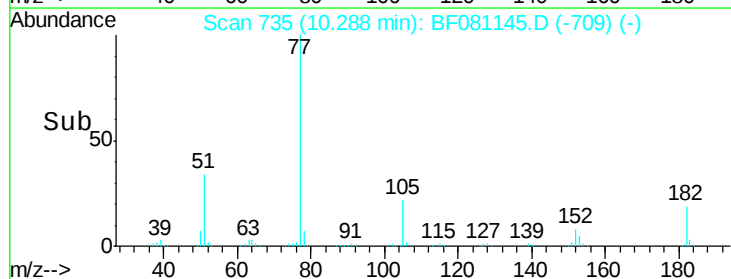
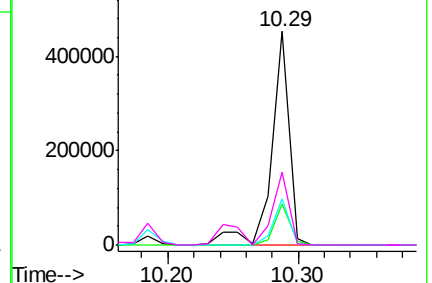


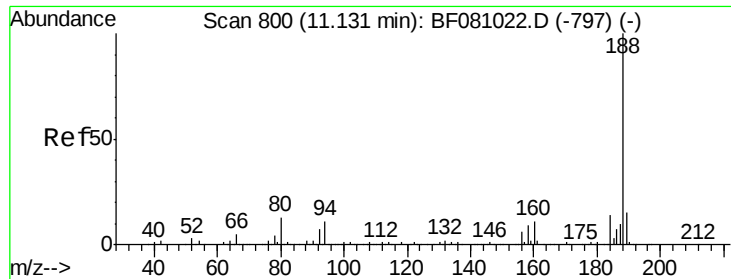
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

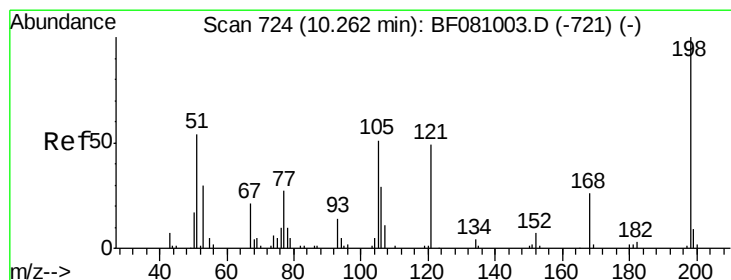
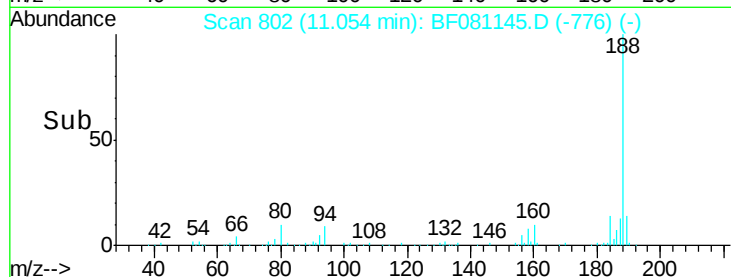
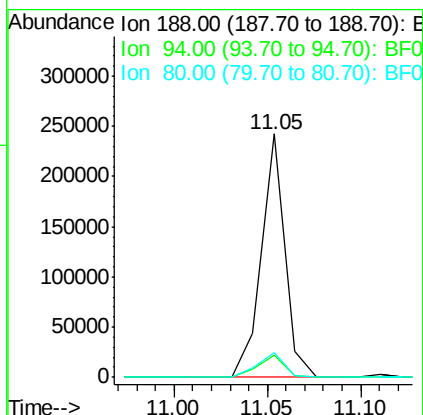
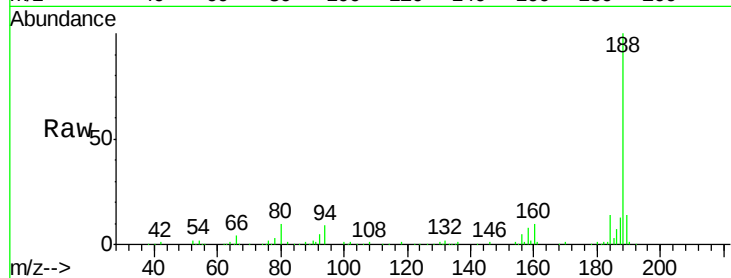




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

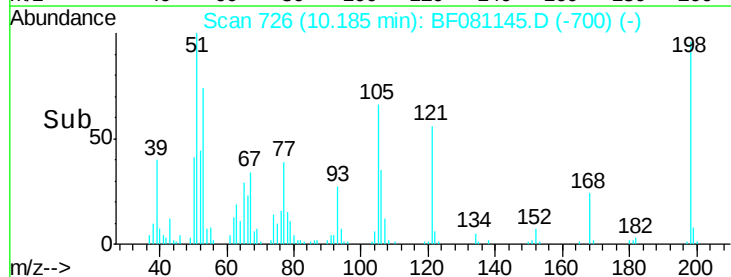
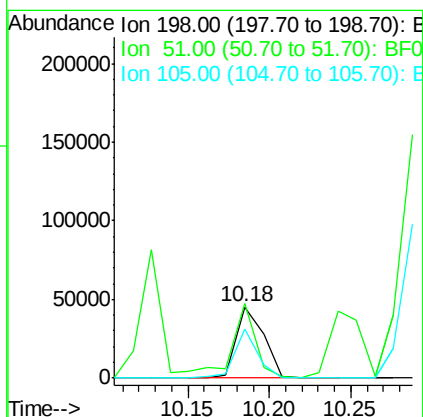
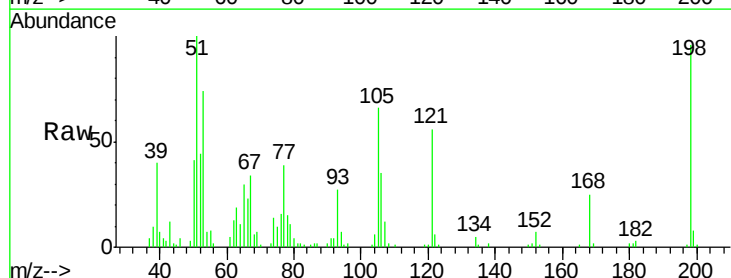
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

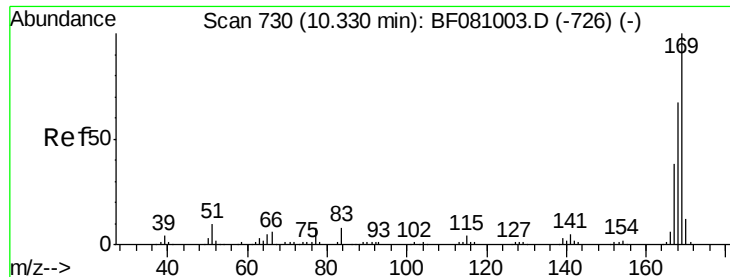
Tot Ion:188 Resp: 215224
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.2 12.2
 80 10.0 9.5 14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.42 ng
 RT: 10.18 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:198 Resp: 53241
 Ion Ratio Lower Upper
 198 100
 51 104.5 79.7 119.7
 105 69.5 47.0 87.0

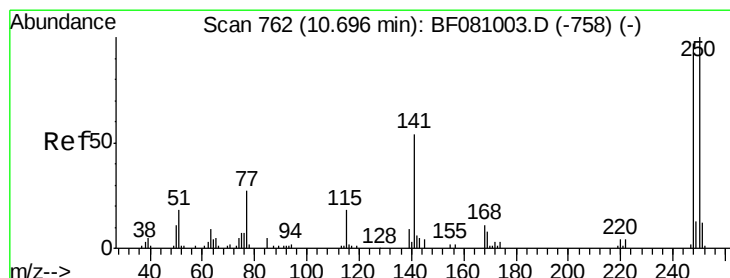
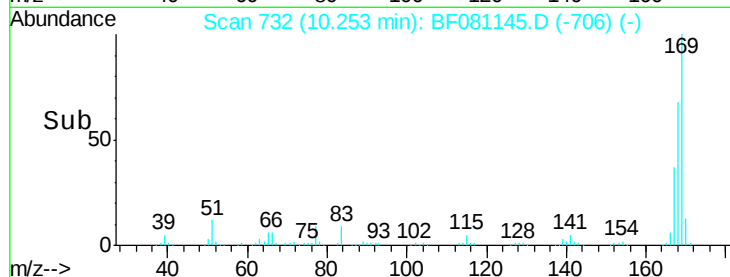
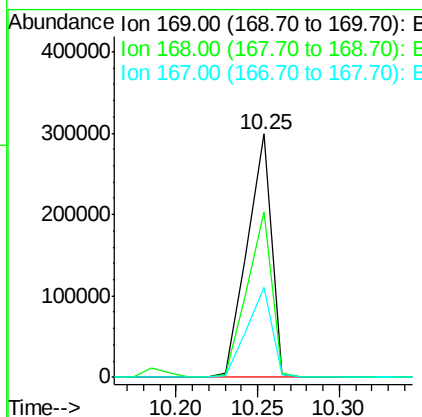
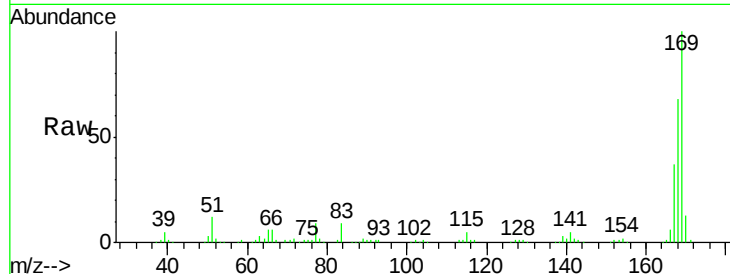




#65
 n-Nitrosodiphenylamine
 Concen: 40.48 ng
 RT: 10.25 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

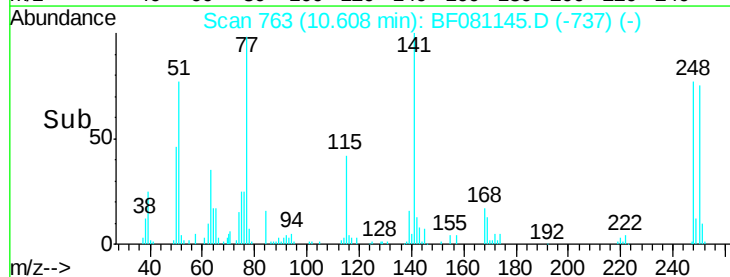
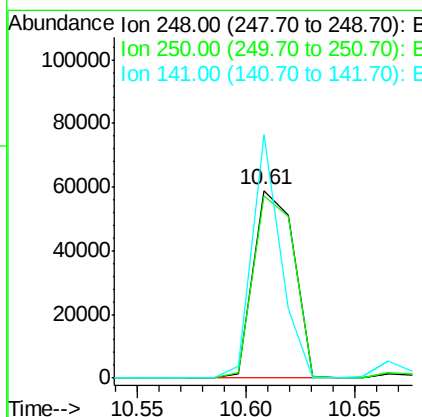
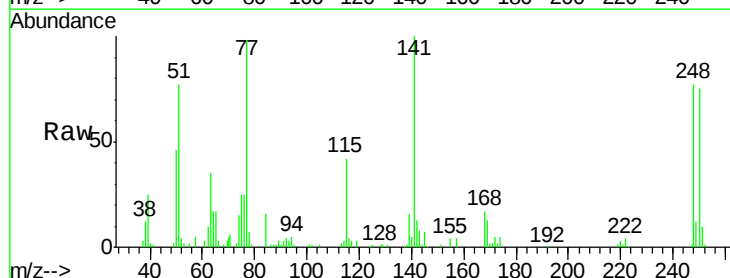
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

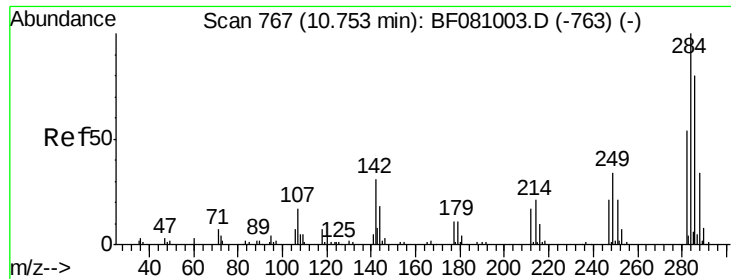
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.3	82.9
167	36.8	30.8	46.2



#66
 4-Bromophenyl-phenylether
 Concen: 36.37 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.8	116.6
141	129.7	39.8	59.6#

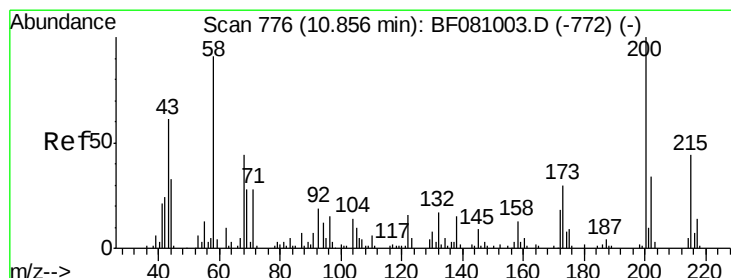
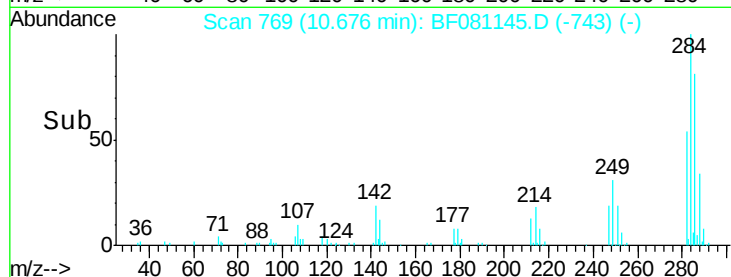
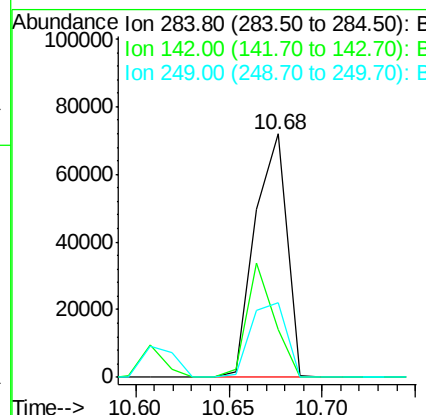
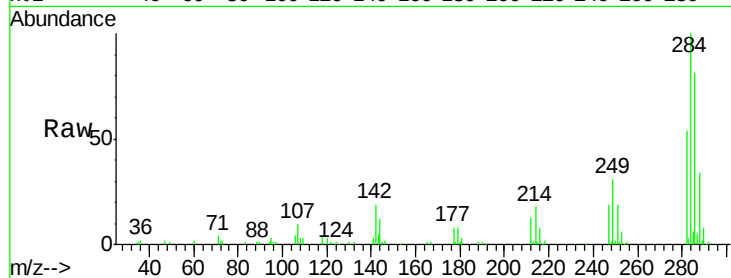




#67
Hexachlorobenzene
Concen: 39.74 ng
RT: 10.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

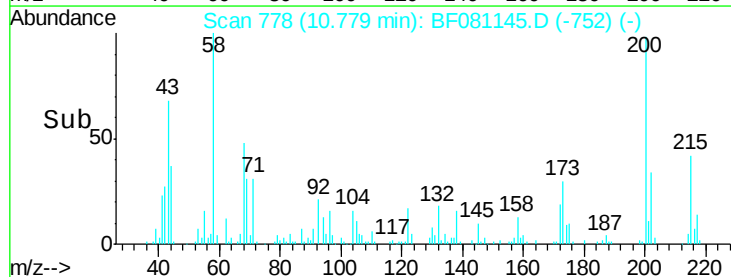
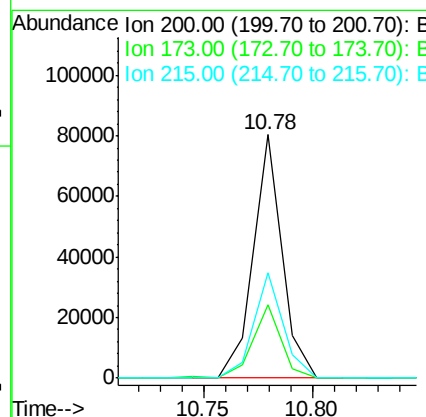
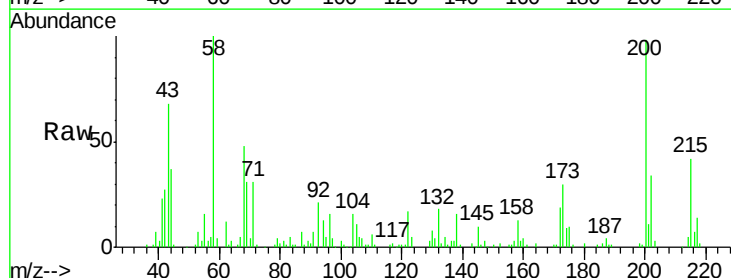
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

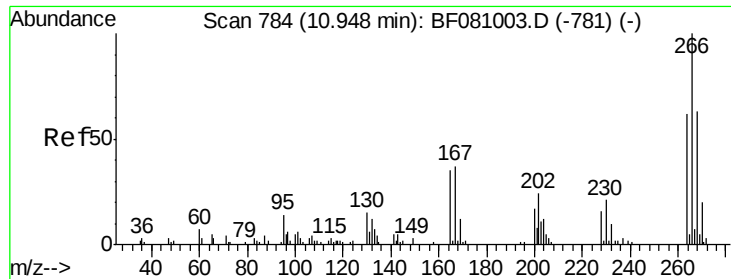
Tot Ion:284 Resp: 85099
Ion Ratio Lower Upper
284 100
142 19.4 25.4 38.0#
249 30.7 28.5 42.7



#68
Atrazine
Concen: 34.48 ng
RT: 10.78 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:200 Resp: 73809
Ion Ratio Lower Upper
200 100
173 30.3 8.1 48.1
215 43.3 23.3 63.3

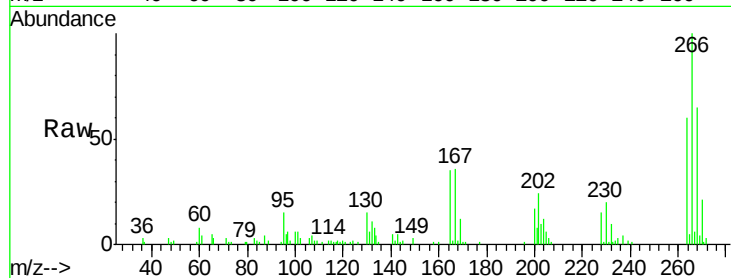




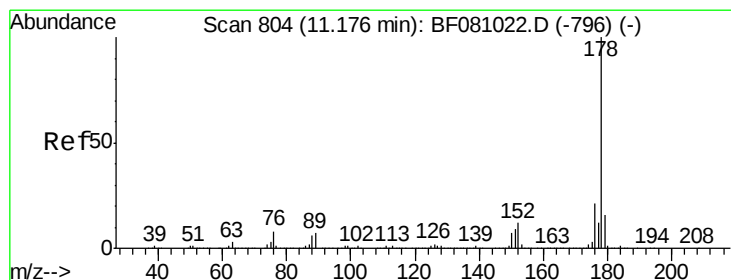
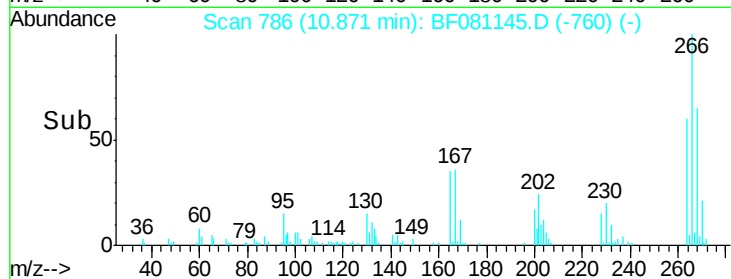
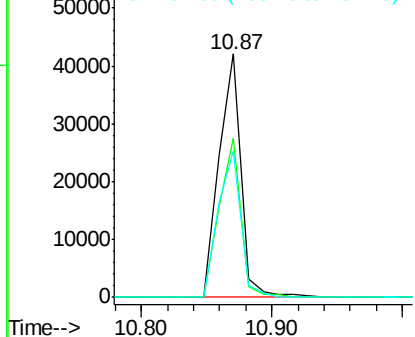
#69
 Pentachlorophenol
 Concen: 38.65 ng
 RT: 10.87 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.2	76.8
264	60.3	50.6	75.8

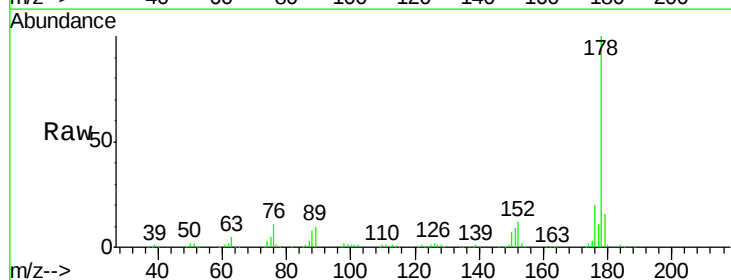


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

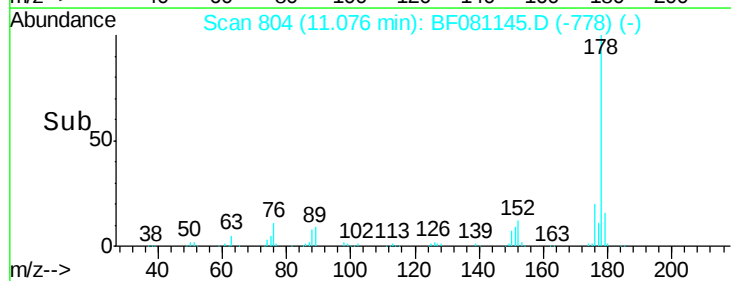
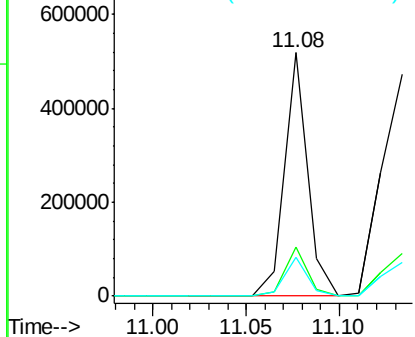


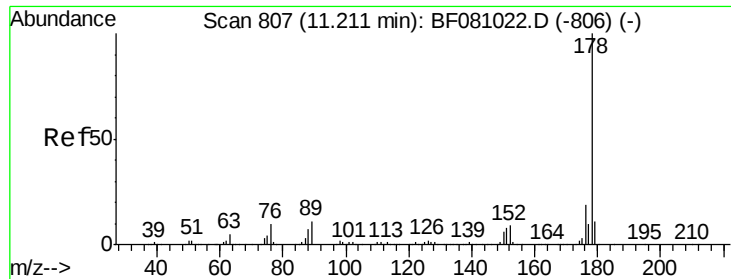
#70
 Phenanthrene
 Concen: 35.23 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.2	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

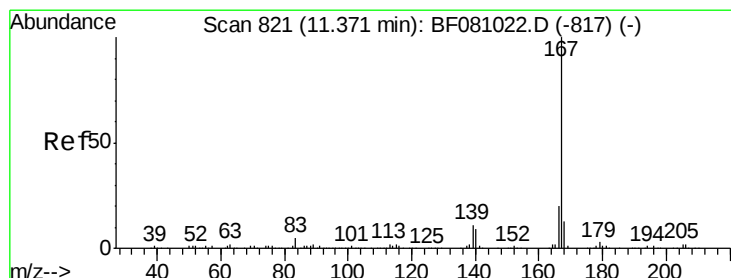
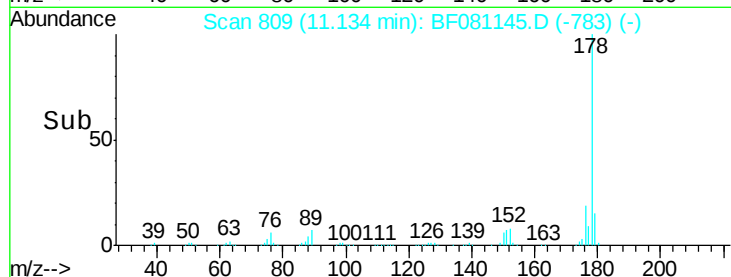
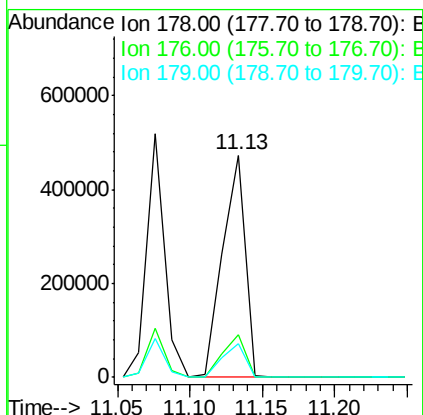
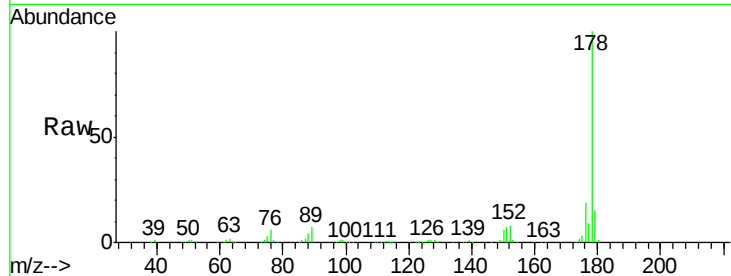




#71
 Anthracene
 Concen: 41.40 ng
 RT: 11.13 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

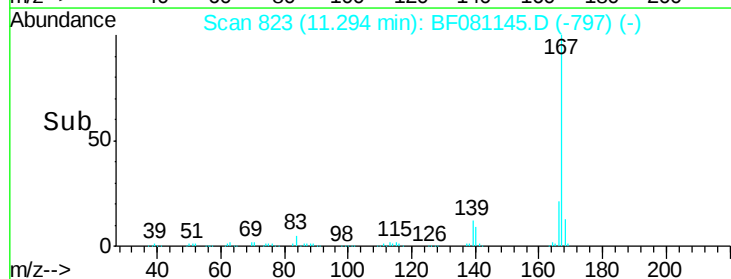
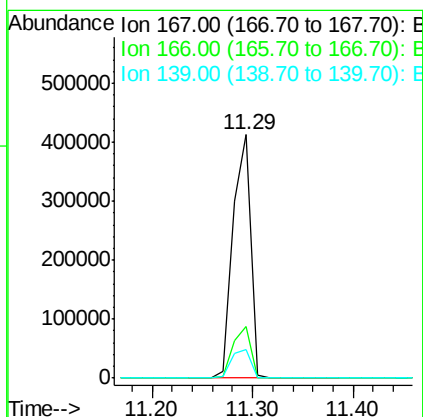
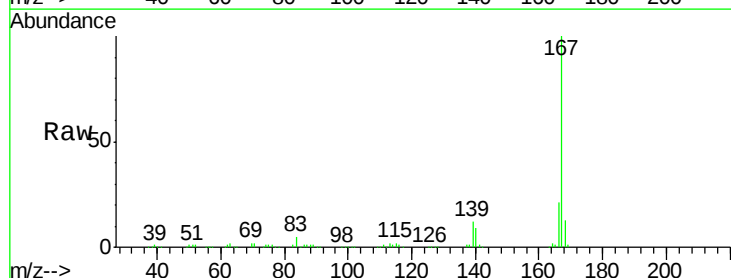
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

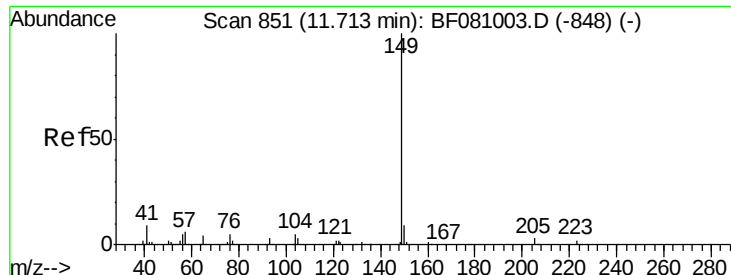
Tot Ion:178 Resp: 513800
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.7 23.5
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 42.15 ng
 RT: 11.29 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:167 Resp: 503695
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 11.7 10.6 16.0





#73

Di-n-butylphthalate

Concen: 41.46 ng

RT: 11.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

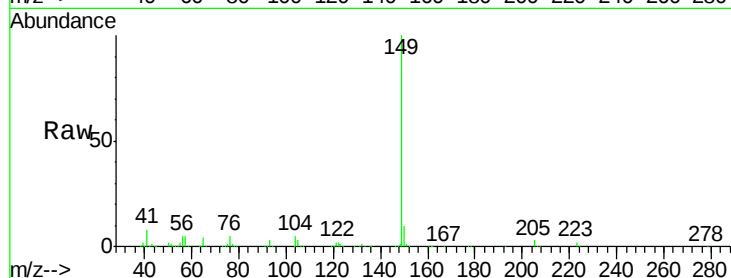
Tot Ion:149 Resp: 599511

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

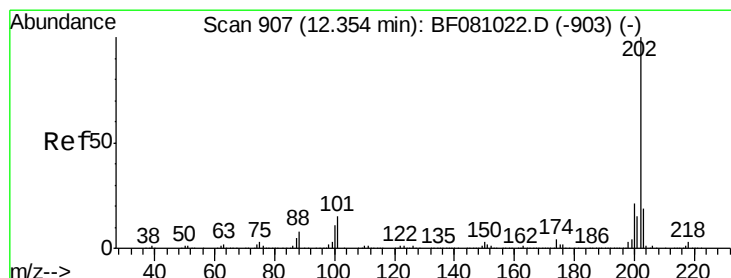
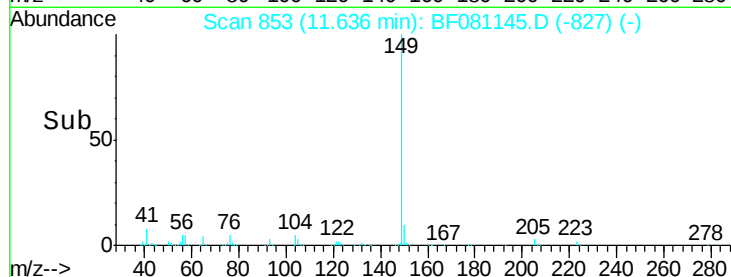
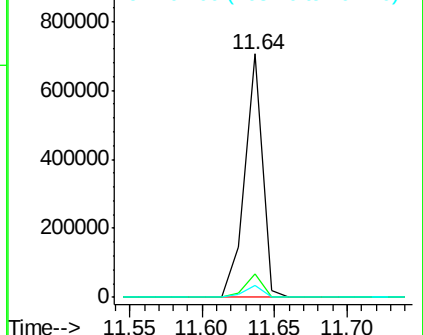
104 4.9 3.9 5.9



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: 38.86 ng

RT: 12.25 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

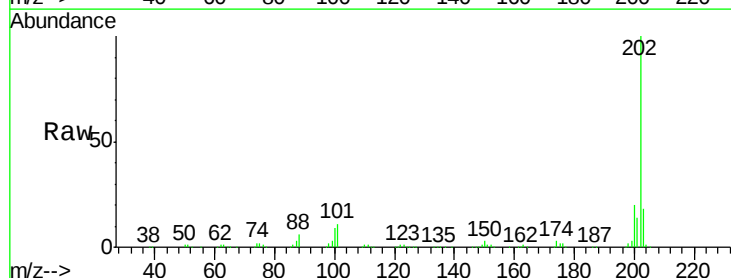
Tgt Ion:202 Resp: 534886

Ion Ratio Lower Upper

202 100

101 11.3 0.0 24.8

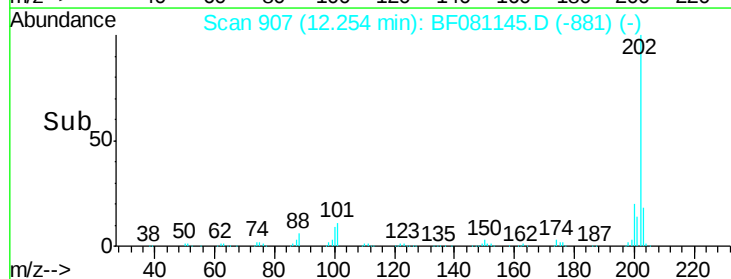
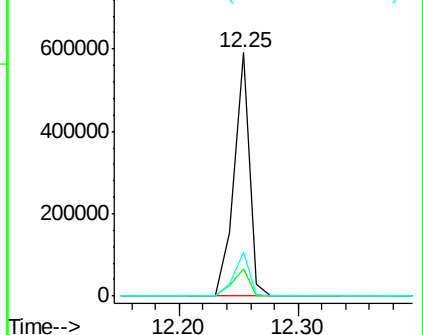
203 18.1 0.0 36.9

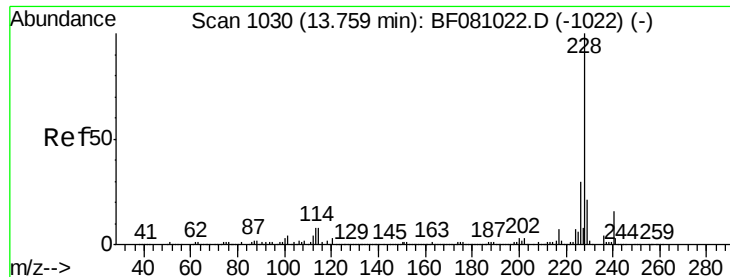


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.67 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

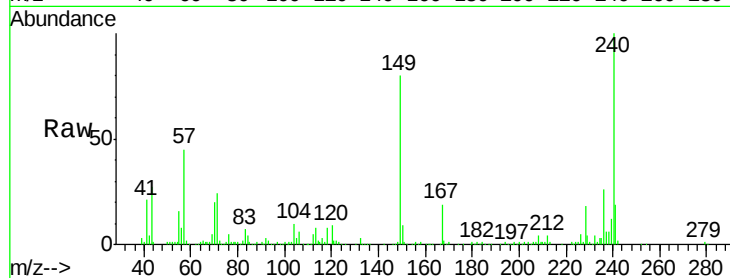
Tot Ion:240 Resp: 192790

Ion Ratio Lower Upper

240 100

120 8.8 5.6 8.4#

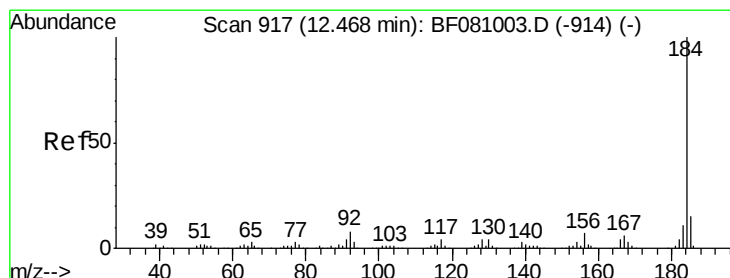
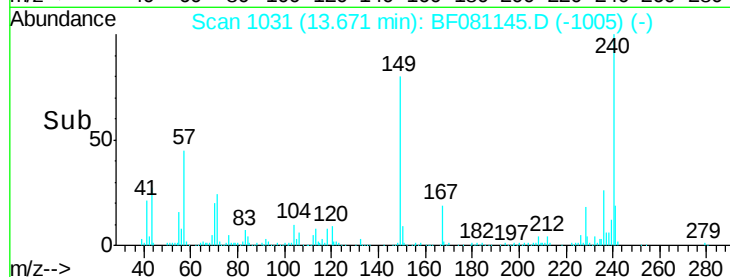
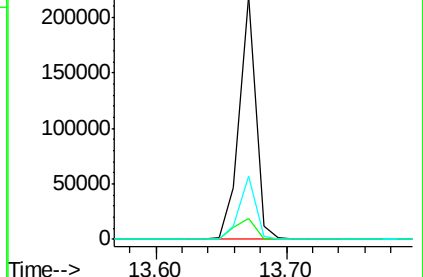
236 25.8 20.6 30.8



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: 37.50 ng

RT: 12.38 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

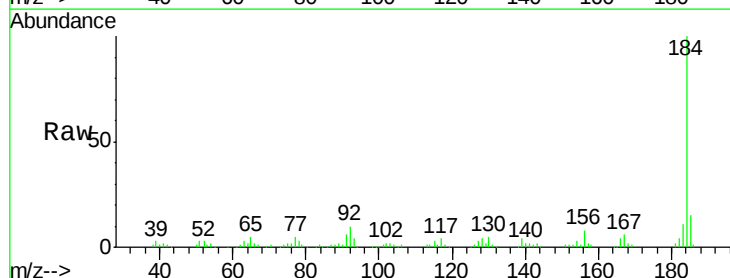
Tgt Ion:184 Resp: 273113

Ion Ratio Lower Upper

184 100

185 15.3 12.0 18.0

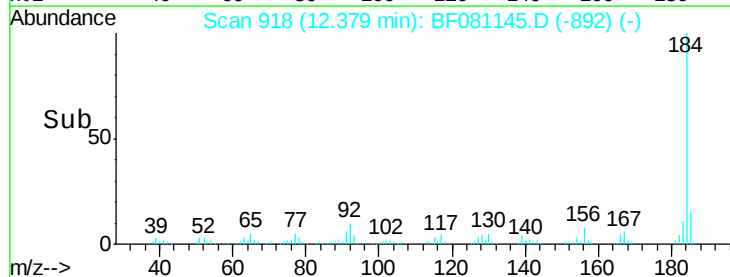
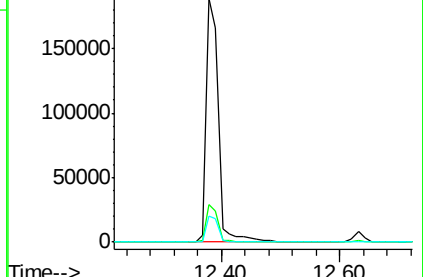
183 10.9 8.9 13.3

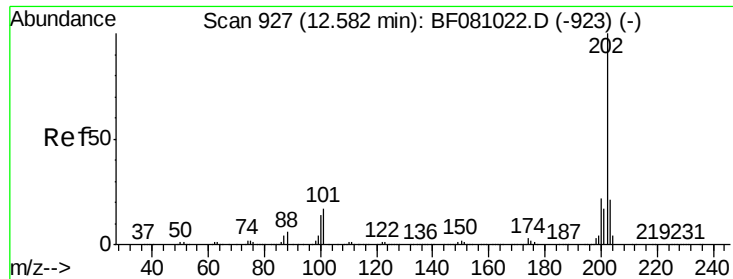


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

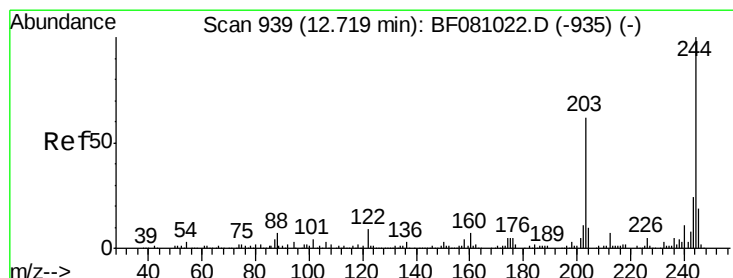
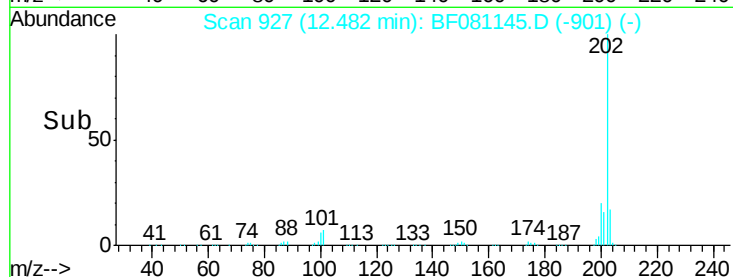
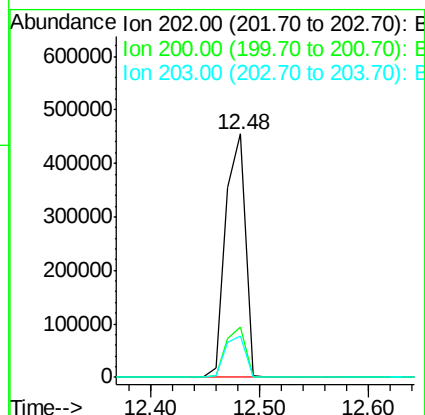
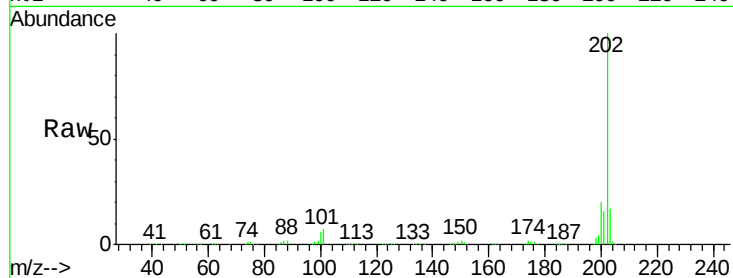




#77
Pvrene
Concen: 36.57 ng
RT: 12.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

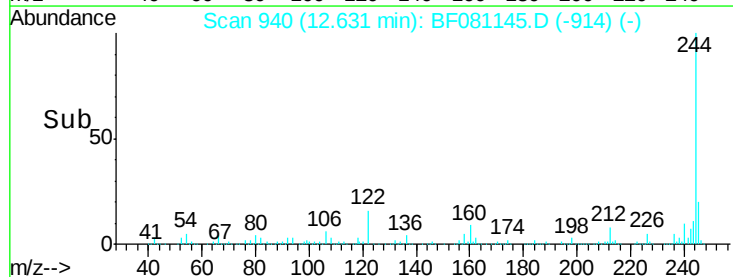
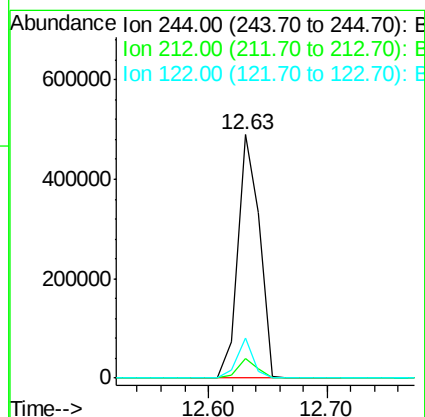
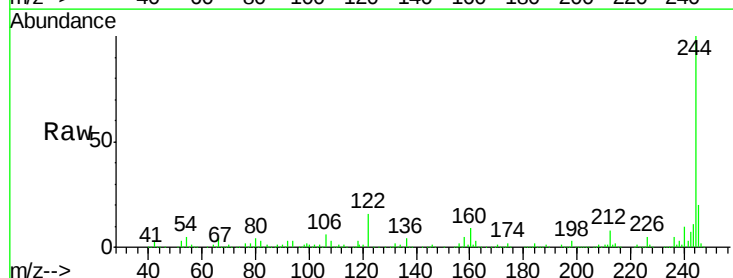
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

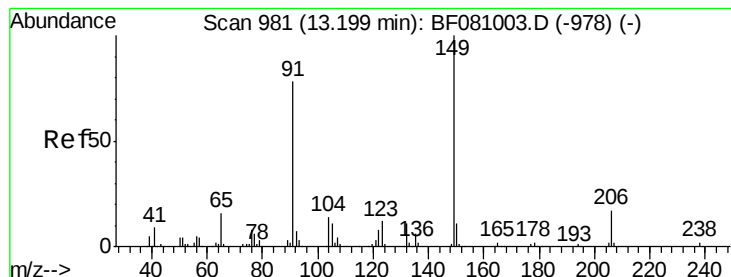
Tot Ion:202 Resp: 573184
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.2 14.1 21.1



#78
Terphenyl-d14
Concen: 68.74 ng
RT: 12.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:244 Resp: 618156
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 16.2 8.2 12.4#





#79

Butylbenzylphthalate

Concen: 34.95 ng

RT: 13.11 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

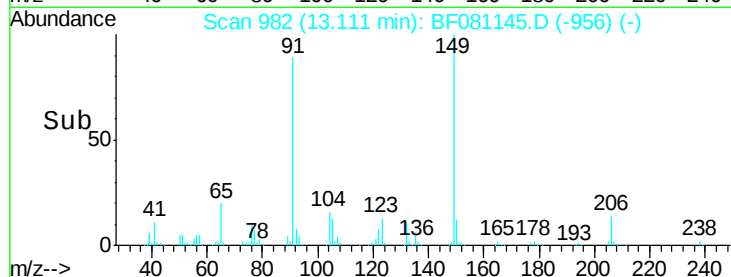
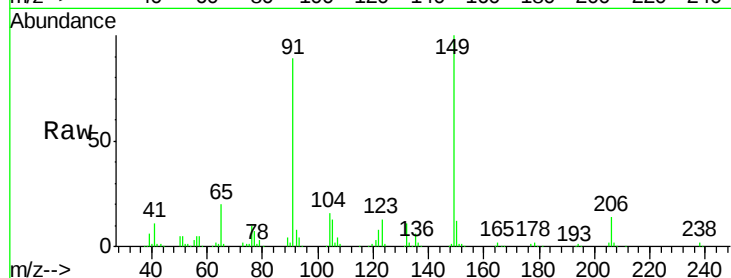
Tot Ion:149 Resp: 235421

Ion Ratio Lower Upper

149 100

91 89.2 46.9 70.3#

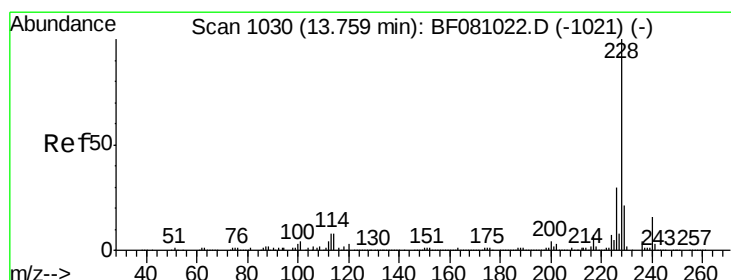
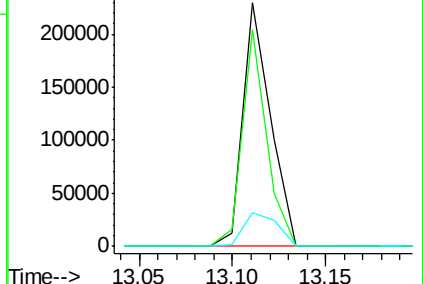
206 14.1 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.55 ng

RT: 13.66 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

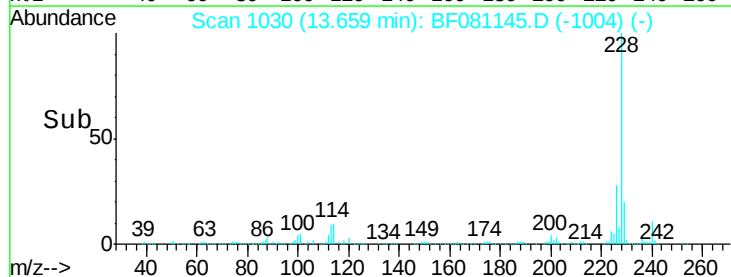
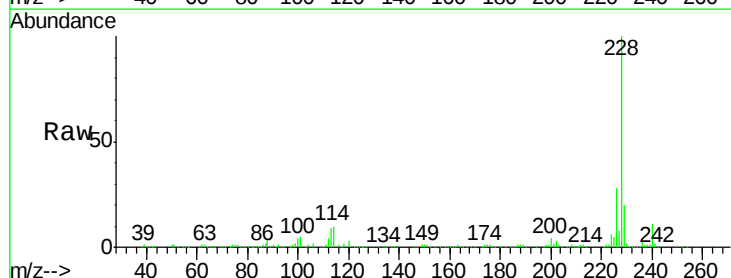
Tgt Ion:228 Resp: 485485

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

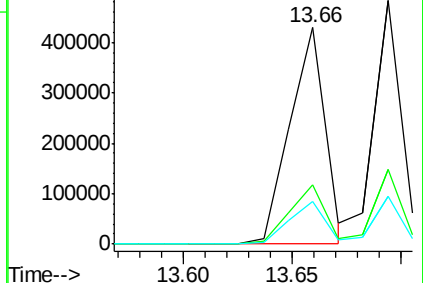
229 19.8 15.9 23.9

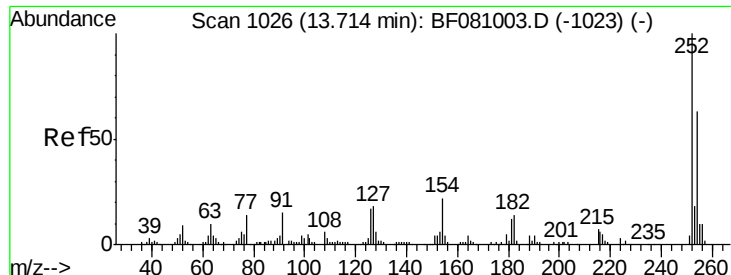


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

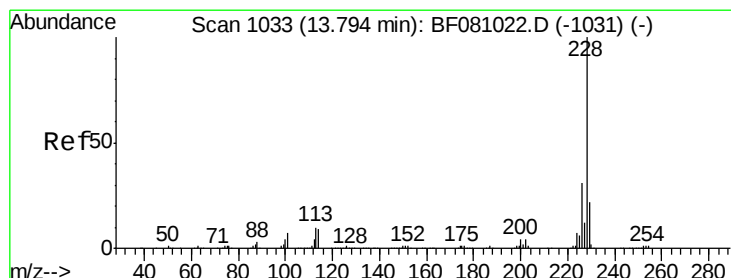
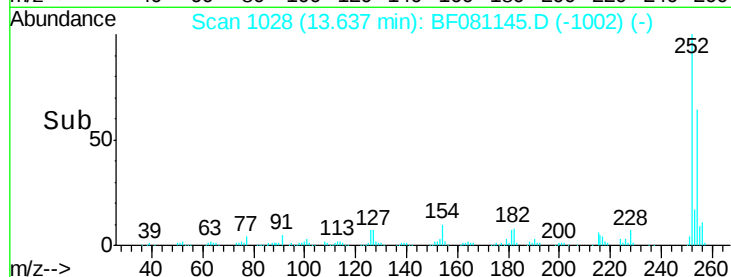
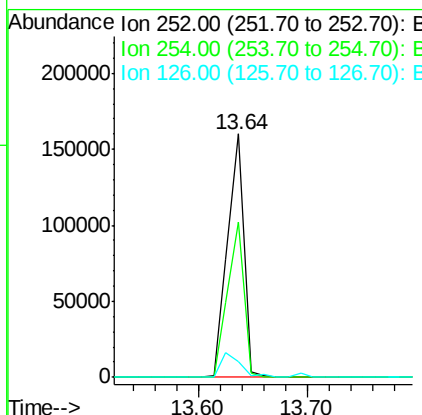
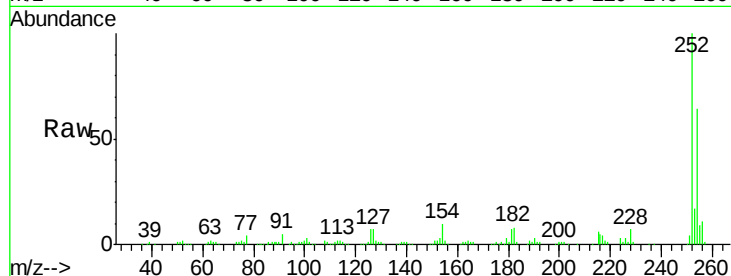




#81
 3,3'-Dichlorobenzidine
 Concen: 40.24 ng
 RT: 13.64 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

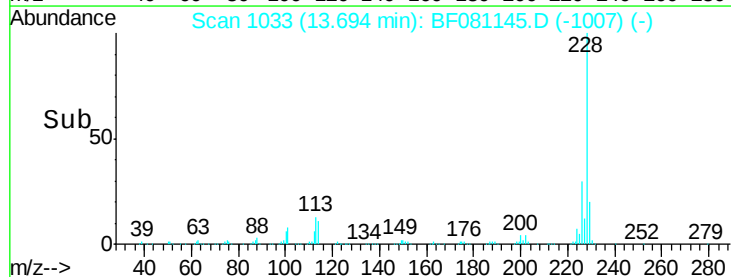
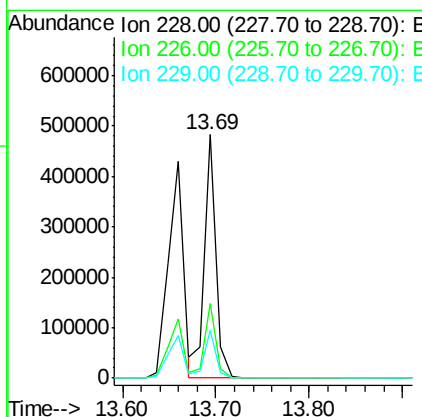
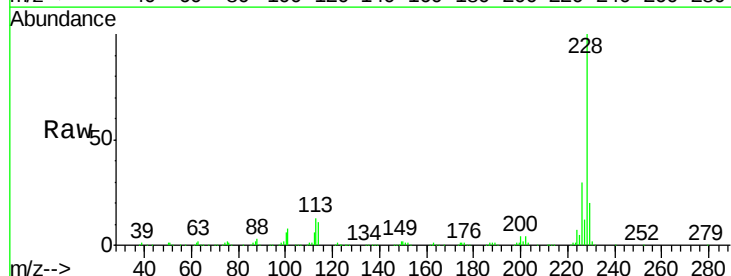
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

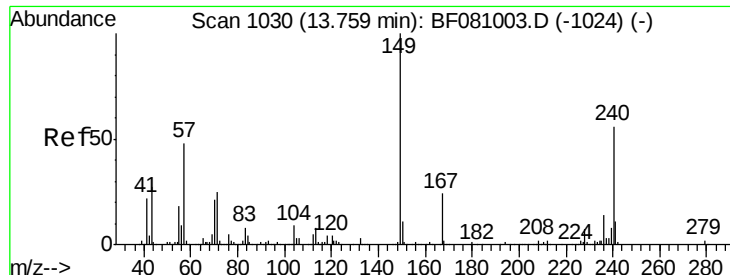
Tot Ion:252 Resp: 168507
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.5 77.3
 126 6.7 12.5 18.7#



#82
 Chrysene
 Concen: 36.30 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:228 Resp: 423006
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.8 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.95 ng

RT: 13.68 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

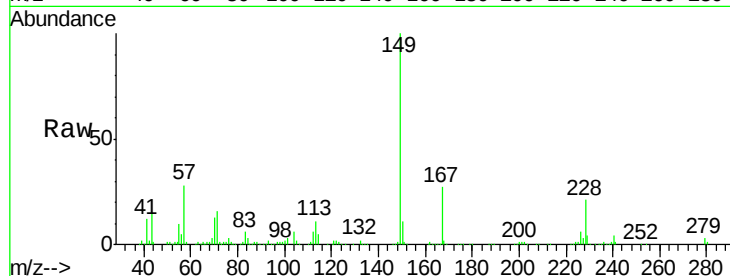
Tot Ion:149 Resp: 336122

Ion Ratio Lower Upper

149 100

167 26.5 20.7 31.1

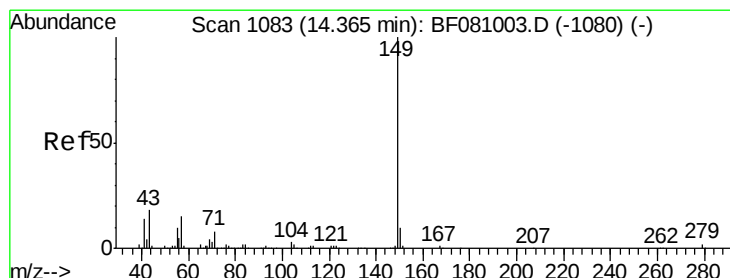
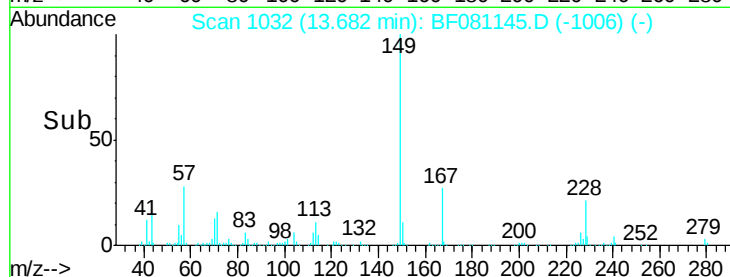
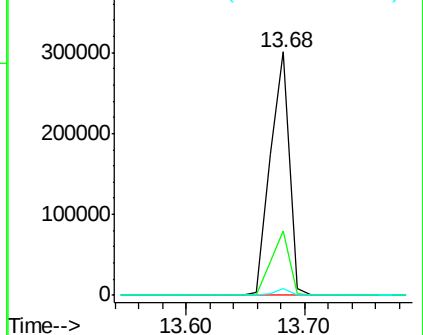
279 3.0 2.2 3.4



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: 44.56 ng

RT: 14.29 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

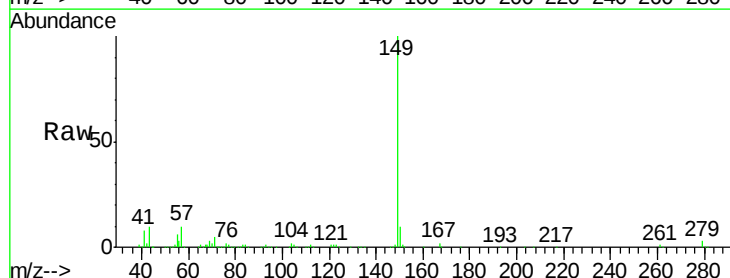
Tgt Ion:149 Resp: 584465

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

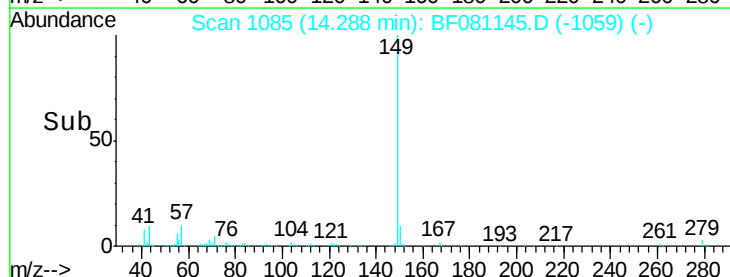
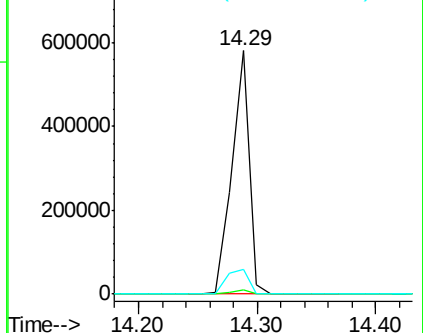
43 13.3 11.6 17.4

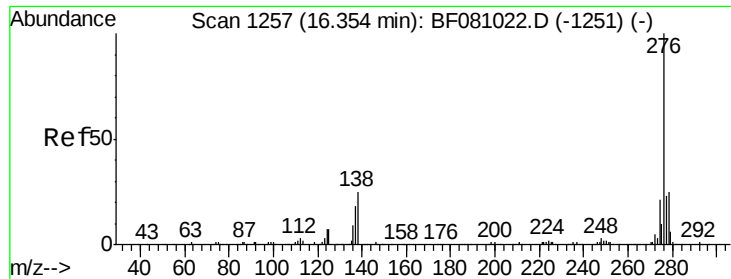


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

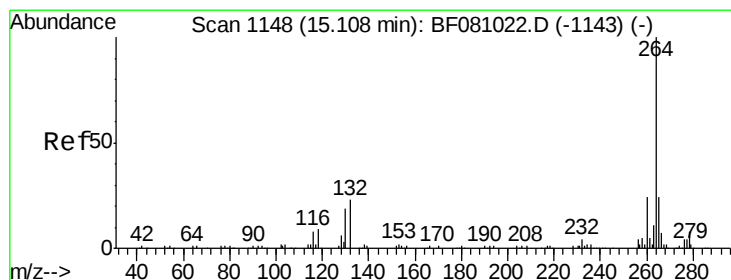
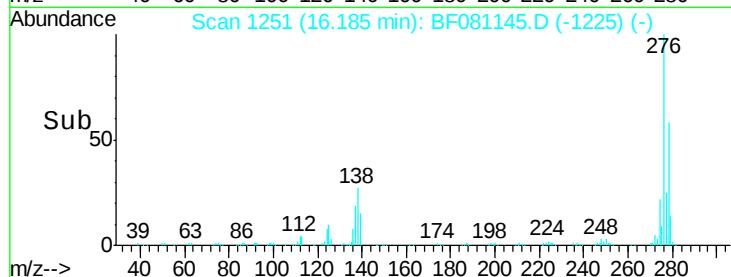
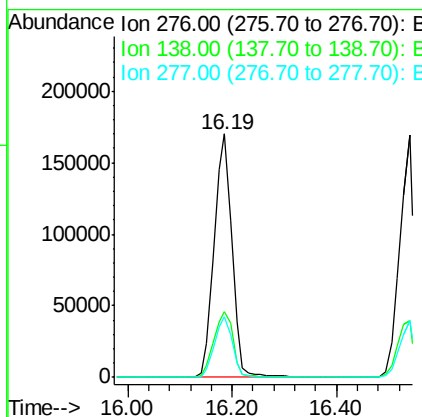
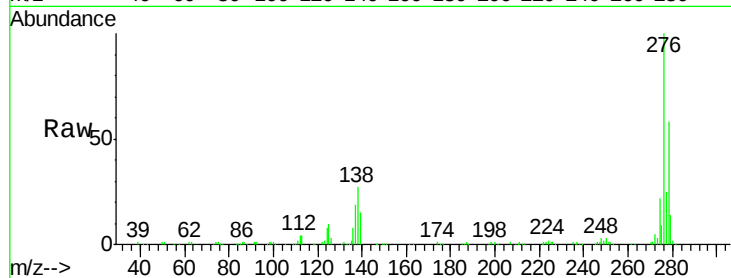




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.71 ng
 RT: 16.19 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

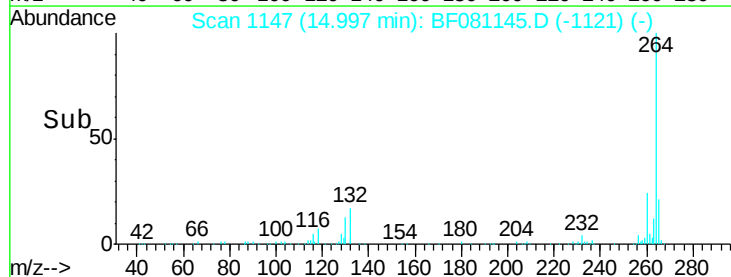
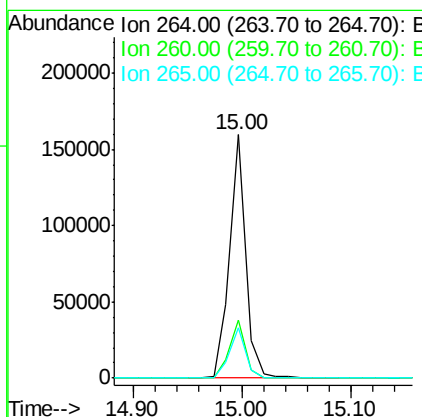
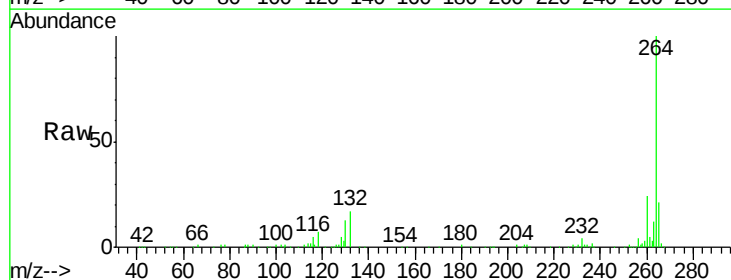
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

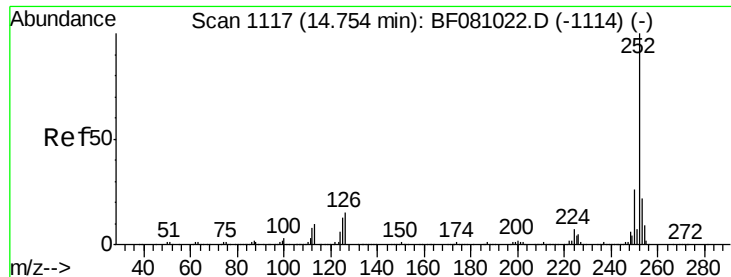
Tot Ion:276 Resp: 406678
 Ion Ratio Lower Upper
 276 100
 138 28.8 18.6 28.0#
 277 24.8 19.8 29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:264 Resp: 163967
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.6 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 75.06 ng

RT: 14.68 min Scan# 1119

Delta R.T. 0.02 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

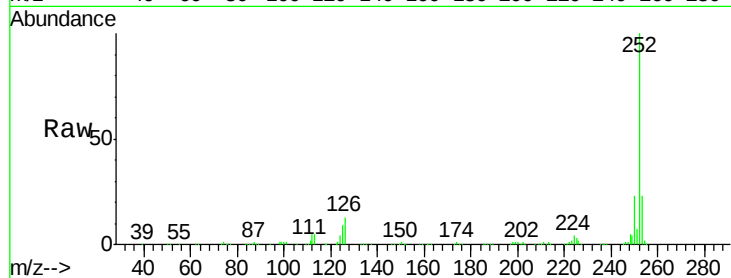
Tot Ion:252 Resp: 870543

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

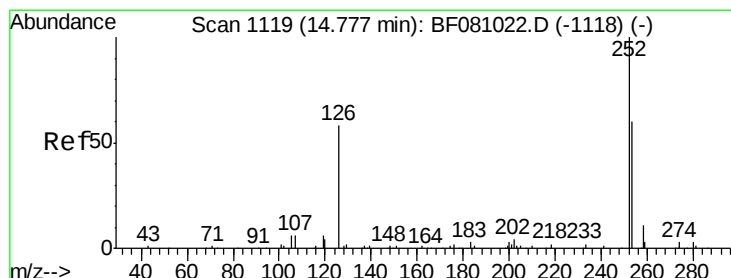
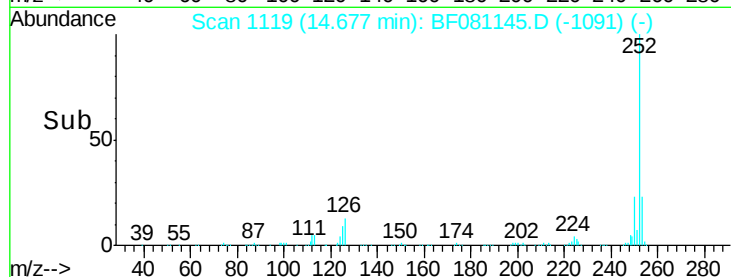
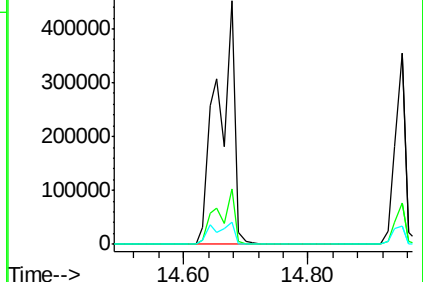
125 9.0 8.0 12.0



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: 80.55 ng

RT: 14.68 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

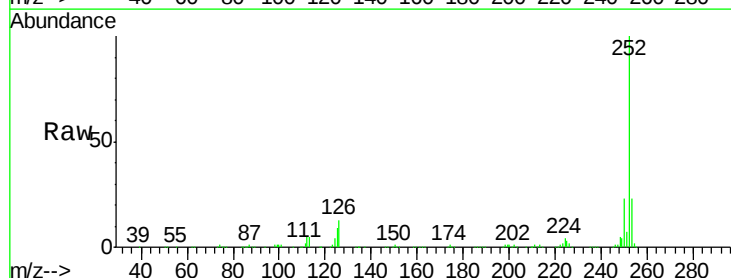
Tgt Ion:252 Resp: 870543

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

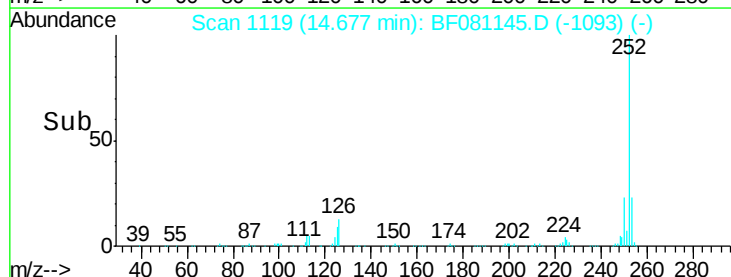
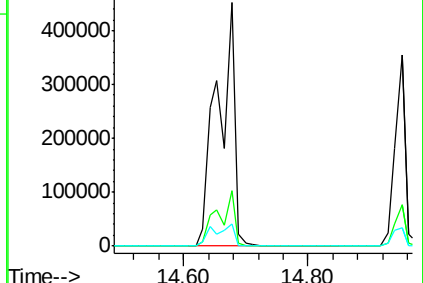
125 9.0 10.3 15.5#

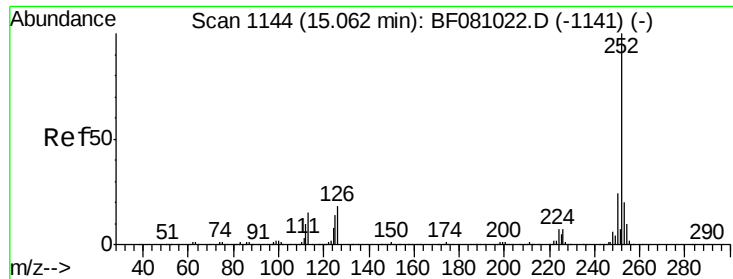


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

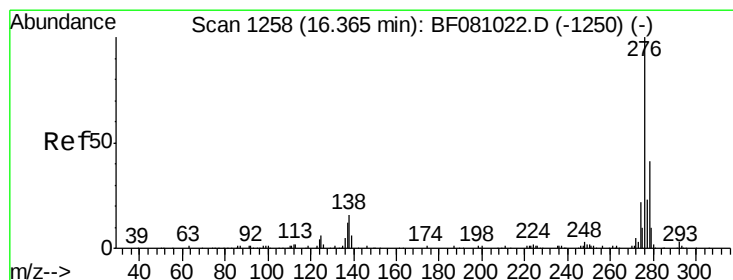
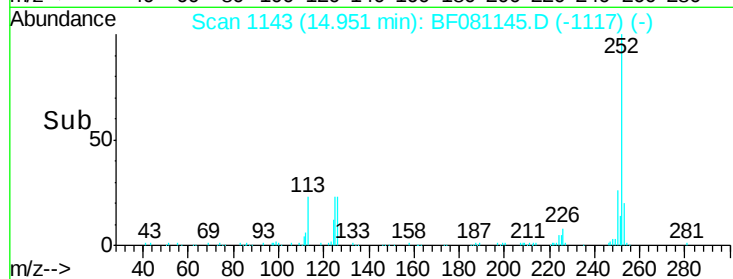
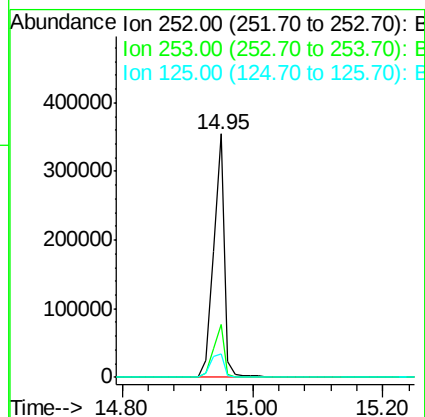
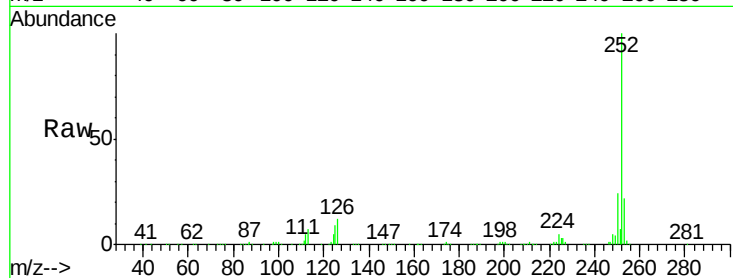




#89
Benzo(a)pyrene
Concen: 40.79 ng
RT: 14.95 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

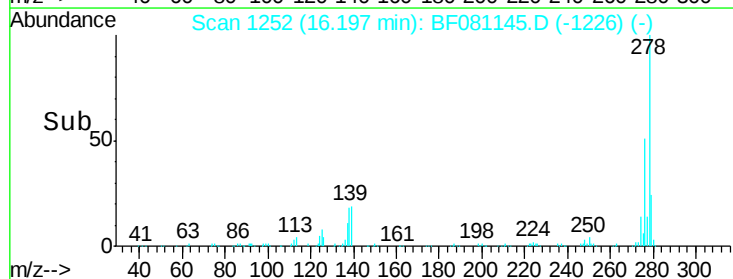
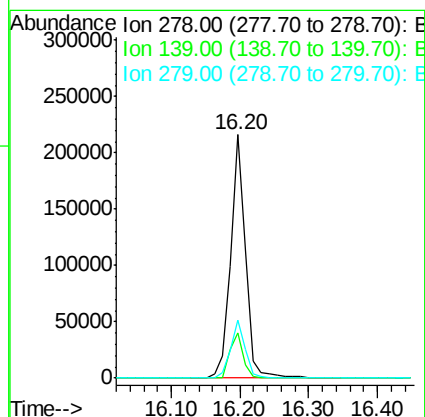
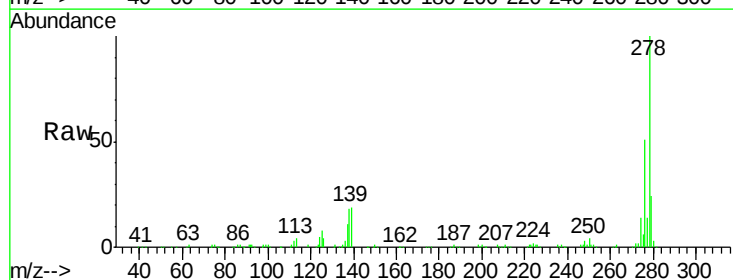
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

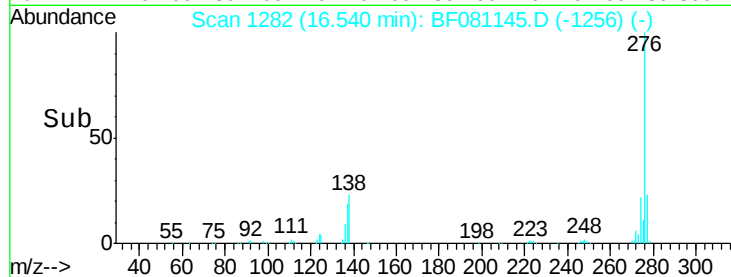
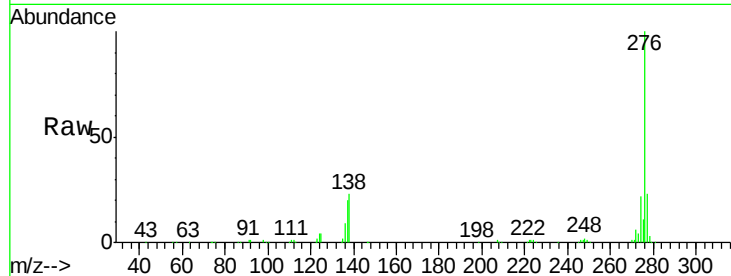
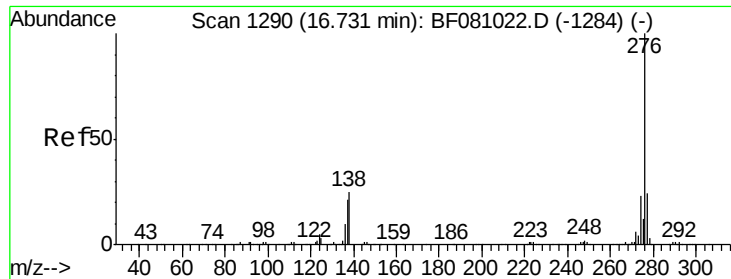
Tot Ion:252 Resp: 412200
Ion Ratio Lower Upper
252 100
253 21.5 16.6 25.0
125 9.4 7.8 11.8



#90
Dibenzo(a,h)anthracene
Concen: 42.10 ng
RT: 16.20 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:278 Resp: 331546
Ion Ratio Lower Upper
278 100
139 18.8 10.8 16.2#
279 23.6 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 41.02 ng

RT: 16.54 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 327731

Ion Ratio Lower Upper

276 100

277 23.5 18.2 27.2

138 23.3 13.7 20.5#

