

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081143.D
 Acq On : 21 Aug 2015 1:06
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 21 01:42:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	61219	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	258878	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	122951	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	226923	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	132910	20.00	ng	0.00
86) Perylene-d12	15.03	264	115704	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	335528	82.44	ng	-0.01
7) Phenol-d6	6.23	99	462972	87.18	ng	0.00
23) Nitrobenzene-d5	7.16	82	473546	83.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	80845	75.85	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	758212	80.80	ng	-0.01
78) Terphenyl-d14	12.66	244	585015	94.36	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.99	88	75129	39.17	ng	93
3) Pyridine	2.61	79	246042	45.45	ng	89
4) n-Nitrosodimethylamine	2.57	42	124002	41.14	ng	# 76
6) Aniline	6.24	93	320376	41.49	ng	# 39
8) 2-Chlorophenol	6.36	128	183391	41.16	ng	98
9) Benzaldehyde	6.12	77	143976	42.06	ng	97
10) Phenol	6.24	94	285830	45.57	ng	99
11) bis(2-Chloroethyl)ether	6.32	93	191028	39.69	ng	92
12) 1,3-Dichlorobenzene	6.52	146	206068	43.05	ng	96
13) 1,4-Dichlorobenzene	6.60	146	213355	45.01	ng	98
14) 1,2-Dichlorobenzene	6.74	146	166975	37.64	ng	98
15) Benzyl Alcohol	6.73	79	175485	40.84	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.87	45	374454	39.60	ng	99
17) 2-Methylphenol	6.86	107	165134	43.20	ng	94
18) Hexachloroethane	7.09	117	79354	41.43	ng	94
19) n-Nitroso-di-n-propylamine	7.01	70	165615	45.02	ng	95
20) 3+4-Methylphenols	7.01	107	194116	40.01	ng	# 68
22) Acetophenone	7.00	105	257851	37.94	ng	# 89
24) Nitrobenzene	7.17	77	206930	34.92	ng	94
25) Isophorone	7.42	82	429730	40.66	ng	# 95
26) 2-Nitrophenol	7.49	139	108579	44.06	ng	# 75
27) 2,4-Dimethylphenol	7.54	122	171812	39.41	ng	87
28) bis(2-Chloroethoxy)methane	7.64	93	269476	43.16	ng	99
29) 2,4-Dichlorophenol	7.73	162	139005	37.87	ng	# 87
30) 1,2,4-Trichlorobenzene	7.81	180	156153	38.28	ng	96
31) Naphthalene	7.89	128	578066	40.06	ng	99
32) Benzoic acid	7.66	122	66757	27.22	ng	92
33) 4-Chloroaniline	7.94	127	243220	39.95	ng	93
34) Hexachlorobutadiene	8.01	225	98543	42.72	ng	98
35) Caprolactam	8.33	113	50299	39.21	ng	# 78
36) 4-Chloro-3-methylphenol	8.44	107	174469	39.89	ng	99
37) 2-Methylnaphthalene	8.57	142	340792	37.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	154691	39.00	ng	98
40) Hexachlorocyclopentadiene	8.73	237	55548	27.05	ng	98

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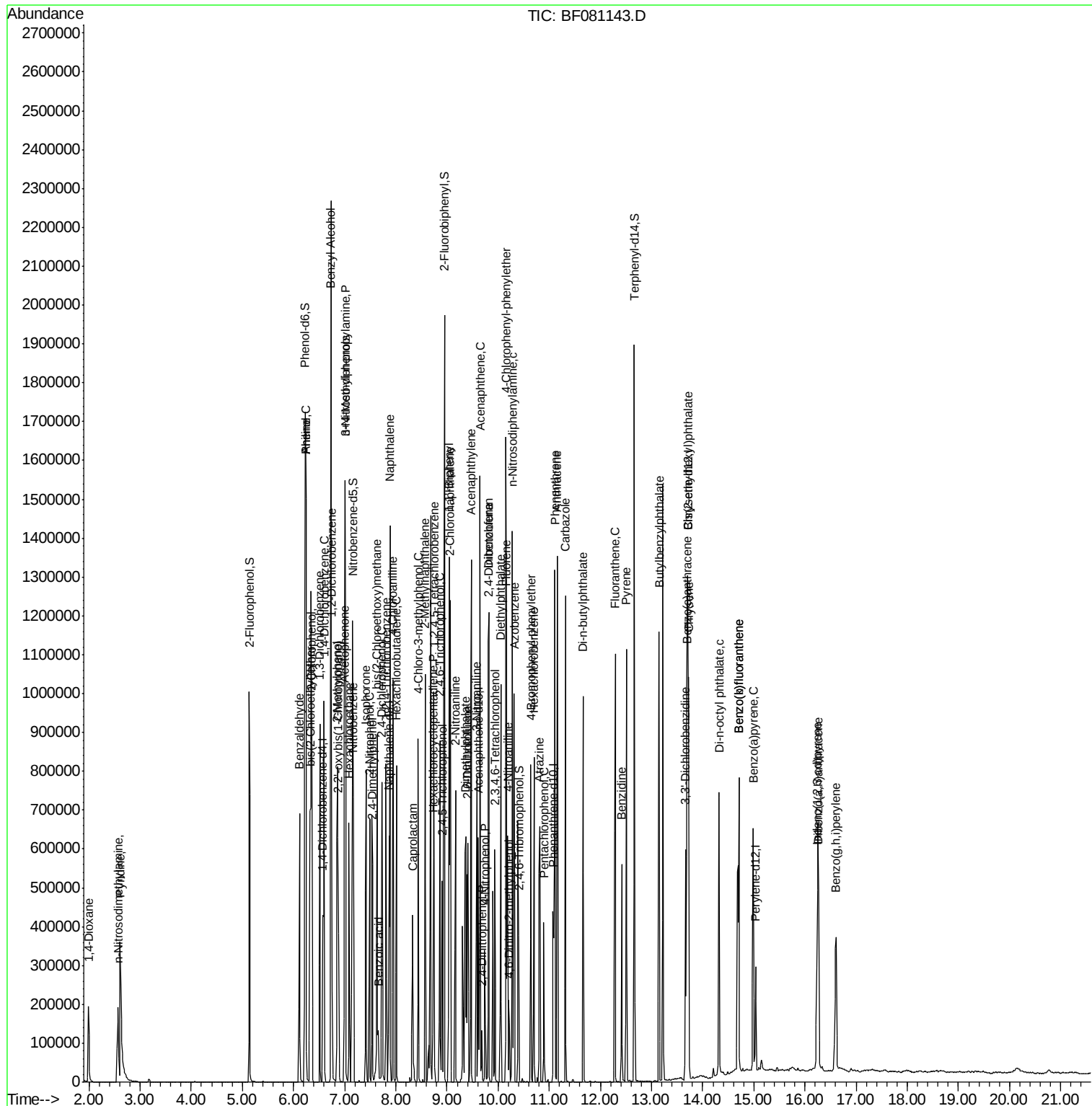
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	105709	37.72	nq	99
43) 2,4,5-Trichlorophenol	8.90	196	105554	37.69	nq	95
45) 1,1'-Biphenyl	9.04	154	375259	34.65	nq	96
46) 2-Chloronaphthalene	9.06	162	341441	39.24	nq	96
47) 2-Nitroaniline	9.17	65	154321	43.34	nq	# 82
48) Acenaphthylene	9.48	152	599040	38.49	nq	98
49) Dimethylphthalate	9.36	163	400674	39.57	nq	99
50) 2,6-Dinitrotoluene	9.41	165	79365	36.51	nq	# 57
51) Acenaphthene	9.65	154	333617	35.81	nq	99
52) 3-Nitroaniline	9.58	138	115080	42.30	nq	86
53) 2,4-Dinitrophenol	9.68	184	18419	19.94	nq	# 59
54) Dibenzofuran	9.82	168	488709	39.14	nq	97
55) 4-Nitrophenol	9.74	139	52069	27.25	nq	94
56) 2,4-Dinitrotoluene	9.81	165	95925	33.29	nq	# 70
57) Fluorene	10.16	166	355262	36.99	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.93	232	71848	33.14	nq	93
59) Diethylphthalate	10.05	149	392773	36.65	nq	98
60) 4-Chlorophenyl-phenylether	10.15	204	153589	37.79	nq	92
61) 4-Nitroaniline	10.18	138	96471	34.69	nq	92
62) Azobenzene	10.31	77	442273	35.81	nq	96
64) 4,6-Dinitro-2-methylphenol	10.22	198	31793	23.46	nq	# 44
65) n-Nitrosodiphenylamine	10.28	169	323160	39.89	nq	98
66) 4-Bromophenyl-phenylether	10.64	248	98831	44.33	nq	# 86
67) Hexachlorobenzene	10.70	284	91873	40.69	nq	# 87
68) Atrazine	10.81	200	104002	46.08	nq	97
69) Pentachlorophenol	10.89	266	38222	28.22	nq	99
70) Phenanthrene	11.11	178	563211	41.88	nq	100
71) Anthracene	11.16	178	475476	36.33	nq	100
72) Carbazole	11.32	167	460315	36.53	nq	99
73) Di-n-butylphthalate	11.66	149	604207	39.63	nq	98
74) Fluoranthene	12.29	202	553603	38.15	nq	97
76) Benzidine	12.41	184	198707	39.58	nq	100
77) Pyrene	12.50	202	497600	46.05	nq	99
79) Butylbenzylphthalate	13.14	149	243788	52.49	nq	# 73
80) Benzo(a)anthracene	13.69	228	377051	42.30	nq	98
81) 3,3'-Dichlorobenzidine	13.66	252	115087	39.86	nq	97
82) Chrysene	13.73	228	362672	45.15	nq	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	319899	53.77	nq	# 95
84) Di-n-octyl phthalate	14.32	149	495758	54.83	nq	97
85) Indeno(1,2,3-cd)pyrene	16.24	276	336623	59.69	nq	# 94
87) Benzo(b)fluoranthene	14.71	252	616458	75.32	nq	97
88) Benzo(k)fluoranthene	14.71	252	616458	80.84	nq	# 95
89) Benzo(a)pyrene	14.99	252	275639	38.65	nq	# 95
90) Dibenzo(a,h)anthracene	16.27	278	275152	49.52	nq	99
91) Benzo(g,h,i)perylene	16.61	276	275807	48.93	nq	# 94

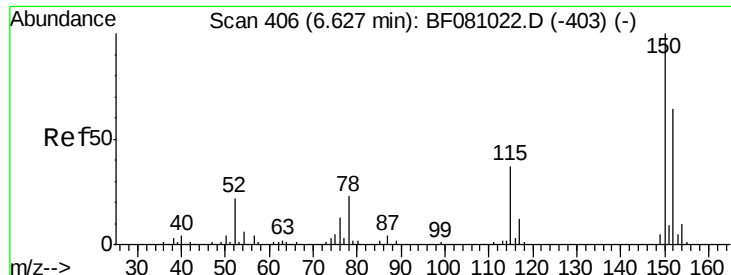
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 2    Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

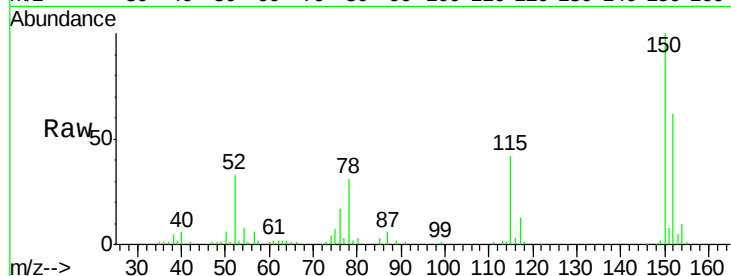
Tot Ion:152 Resp: 61219

Ion Ratio Lower Upper

152 100

150 160.3 123.8 185.6

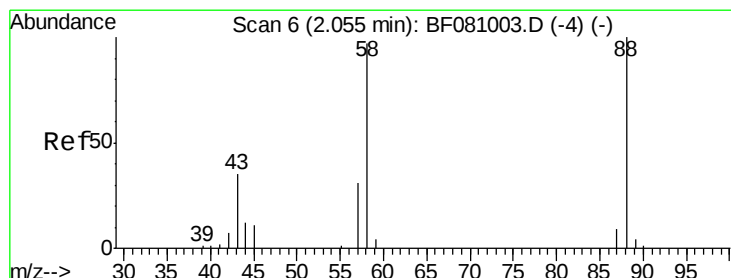
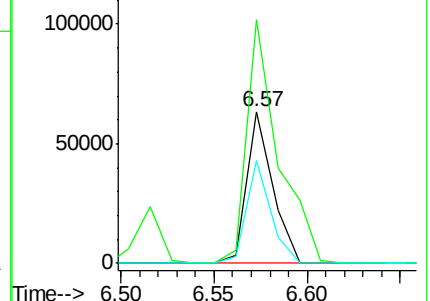
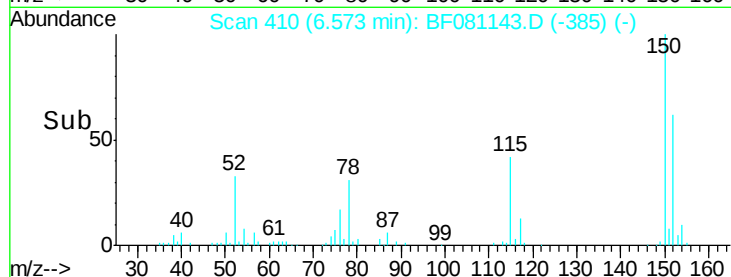
115 68.0 52.1 78.1



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: 39.17 ng

RT: 1.99 min Scan# 9

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

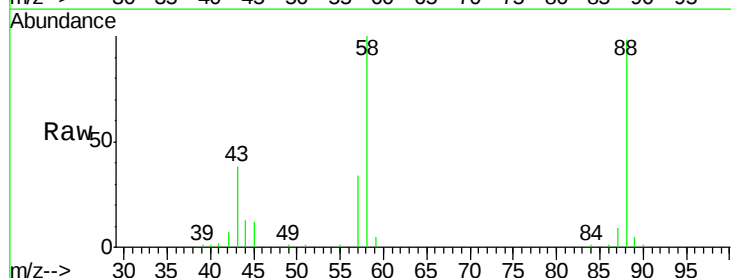
Tgt Ion: 88 Resp: 75129

Ion Ratio Lower Upper

88 100

58 100.3 83.7 125.5

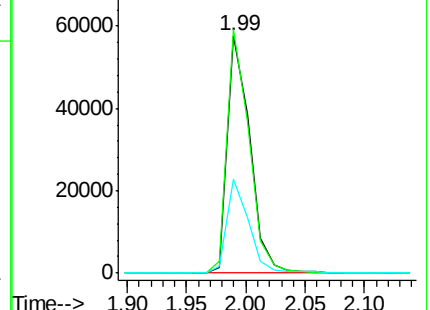
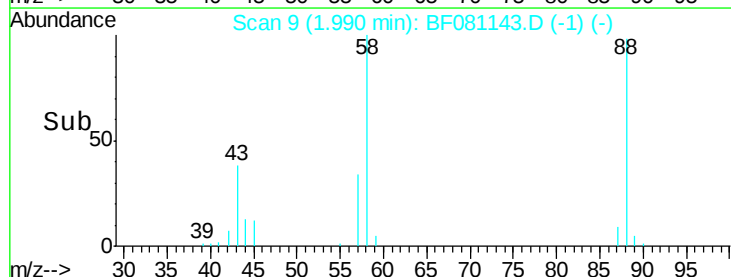
43 38.9 37.5 56.3

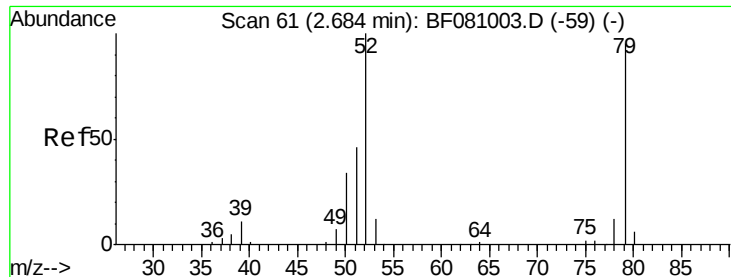


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 45.45 ng

RT: 2.61 min Scan# 63

Delta R.T. -0.02 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

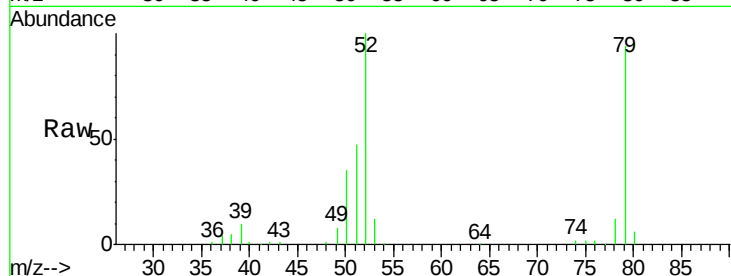
Tot Ion: 79 Resp: 246042

Ion Ratio Lower Upper

79 100

52 106.7 95.1 142.7

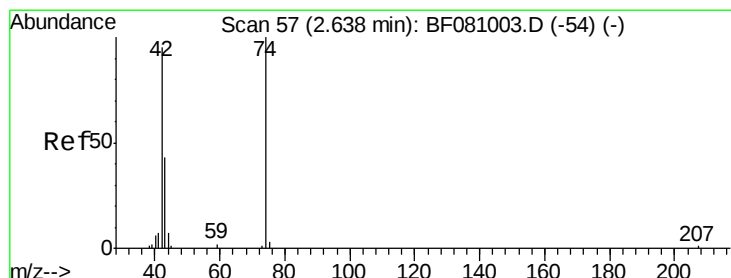
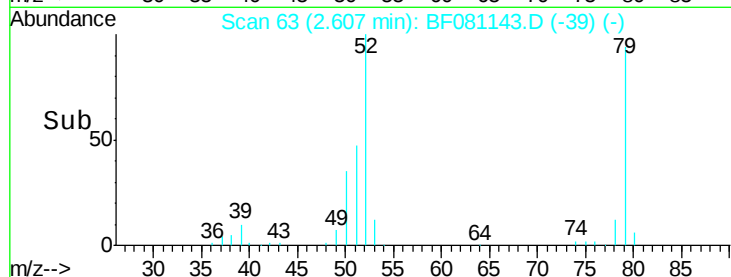
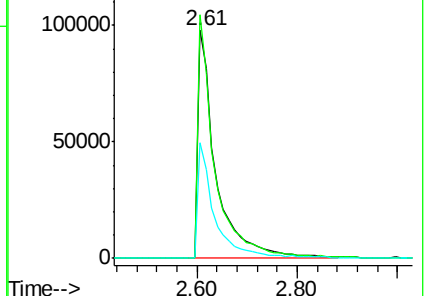
51 50.6 46.6 70.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.14 ng

RT: 2.57 min Scan# 60

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

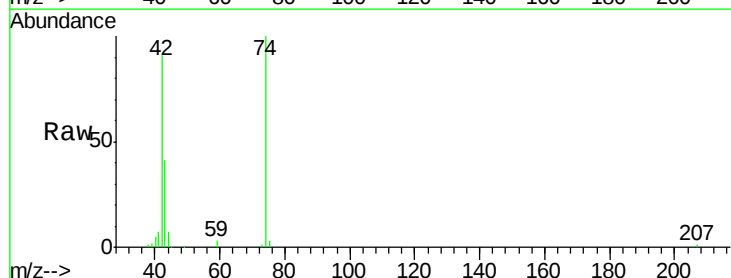
Tgt Ion: 42 Resp: 124002

Ion Ratio Lower Upper

42 100

74 109.9 69.3 103.9#

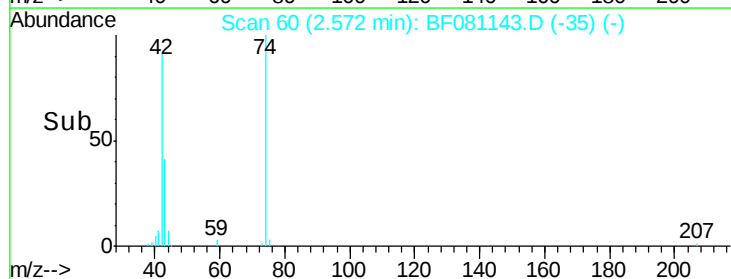
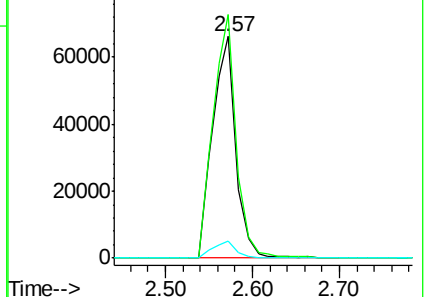
44 7.5 5.5 8.3

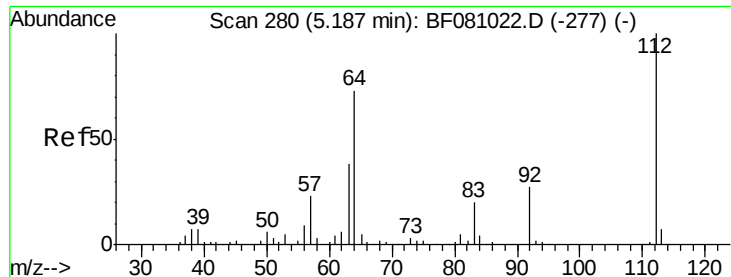


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.44 ng

RT: 5.13 min Scan# 284

Delta R.T. -0.01 min

Lab File: BF081143.D

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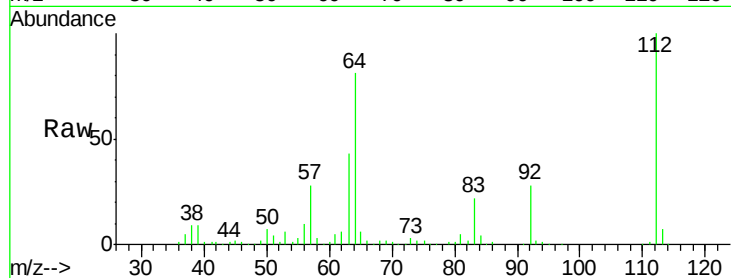
Tot Ion: 112 Resp: 33528

Ion Ratio Lower Upper

112 100

64 81.5 66.9 100.3

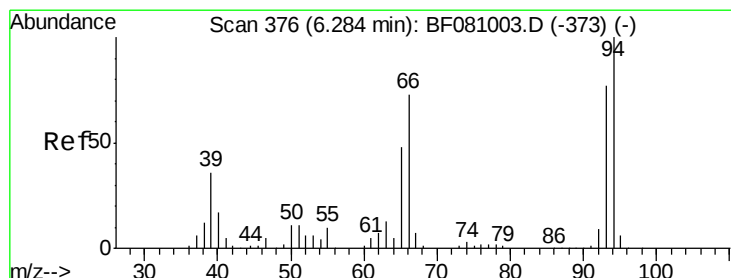
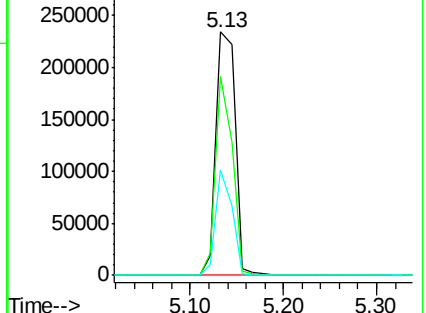
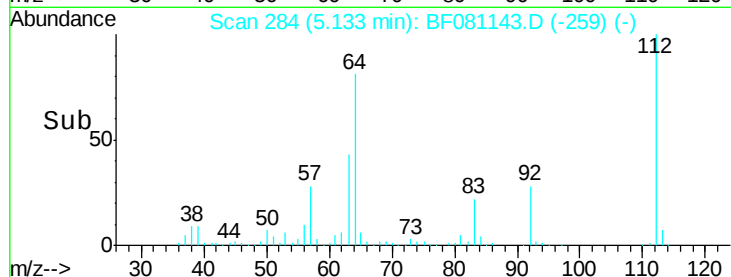
63 43.1 38.1 57.1



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: 41.49 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

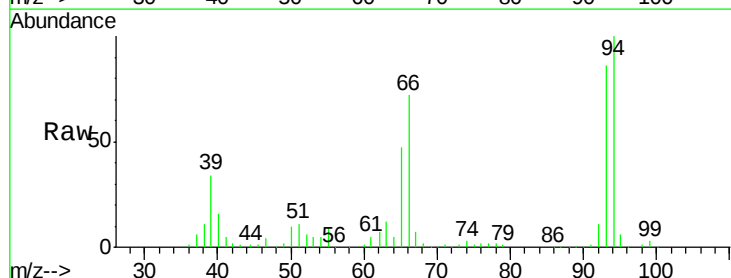
Tgt Ion: 93 Resp: 320376

Ion Ratio Lower Upper

93 100

66 83.3 35.6 53.4#

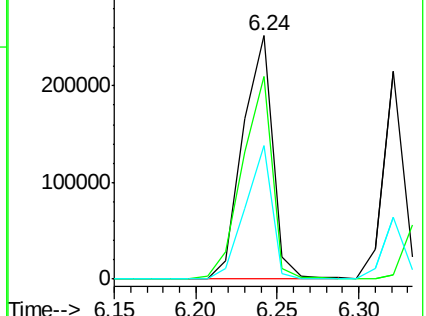
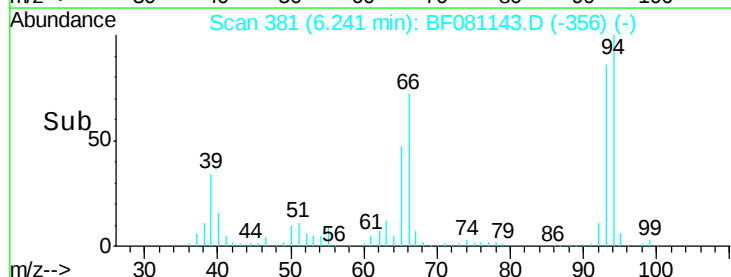
65 55.0 18.7 28.1#



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: 87.18 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081143.D

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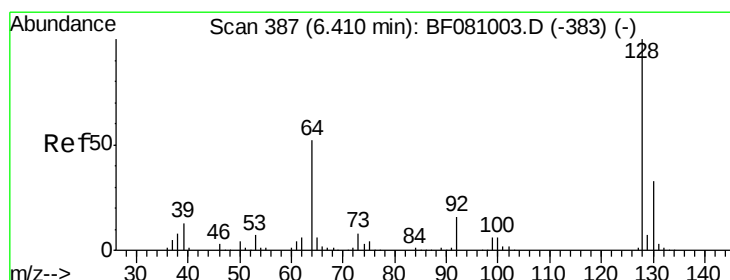
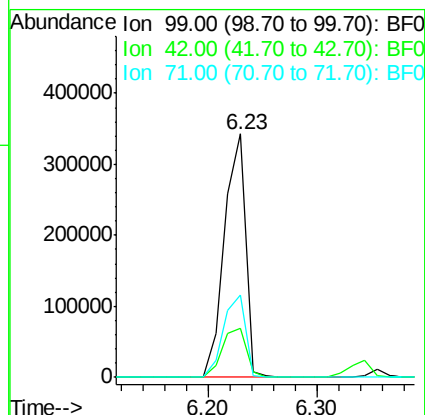
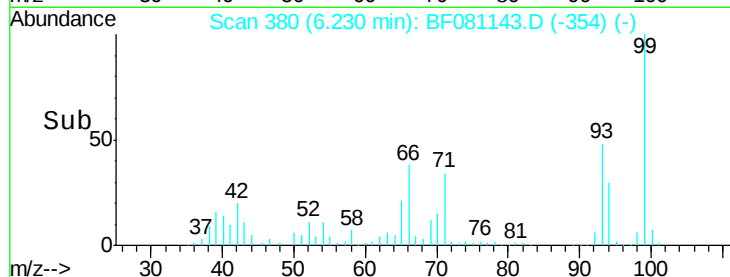
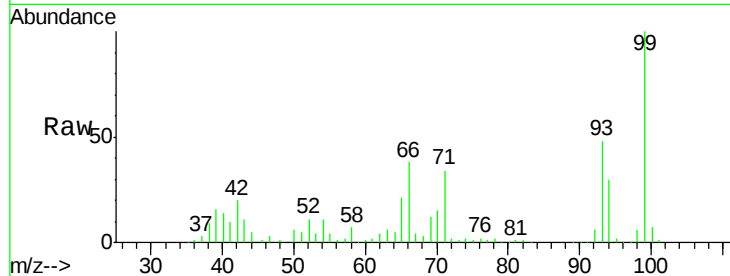
Tot Ion: 99 Resp: 462972

Ion Ratio Lower Upper

99 100

42 20.4 19.6 29.4

71 34.0 31.2 46.8



#8

2-Chlorophenol

Concen: 41.16 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

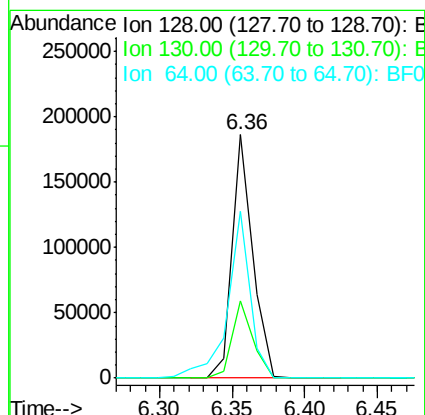
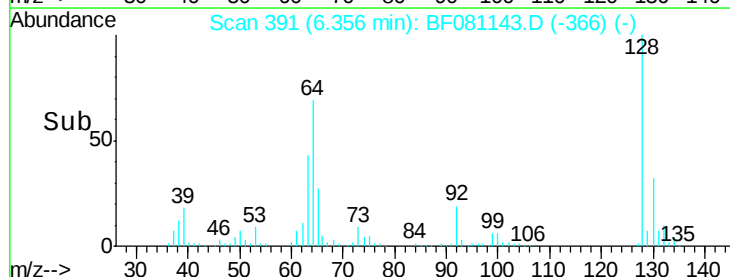
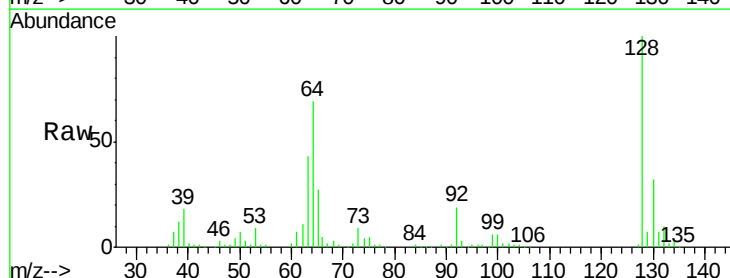
Tgt Ion: 128 Resp: 183391

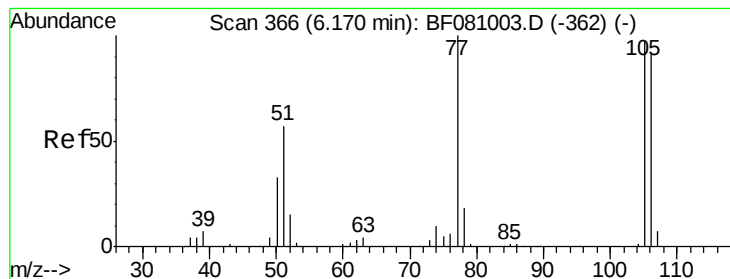
Ion Ratio Lower Upper

128 100

130 31.7 12.5 52.5

64 68.7 46.8 86.8





#9

Benzaldehyde

Concen: 42.06 ng

RT: 6.12 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

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ClientSampleId :

SSTDCCC040EC

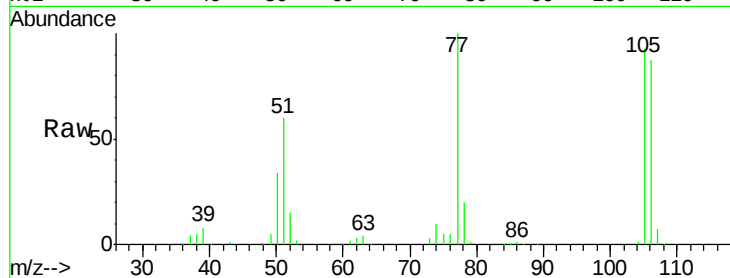
Tot Ion: 77 Resp: 143976

Ion Ratio Lower Upper

77 100

105 93.2 69.6 109.6

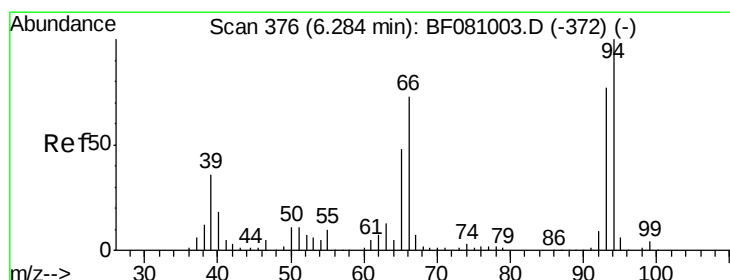
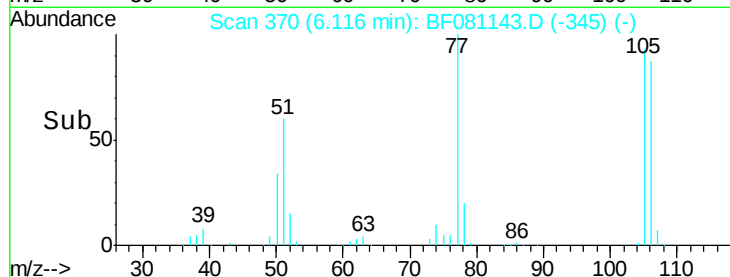
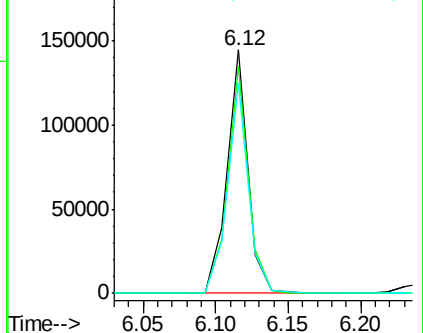
106 86.5 64.0 104.0



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: 45.57 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

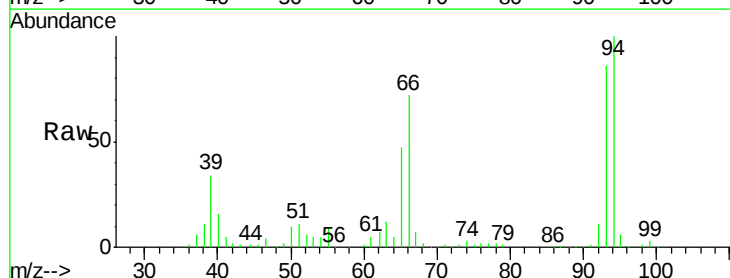
Tgt Ion: 94 Resp: 285830

Ion Ratio Lower Upper

94 100

65 47.5 28.4 68.4

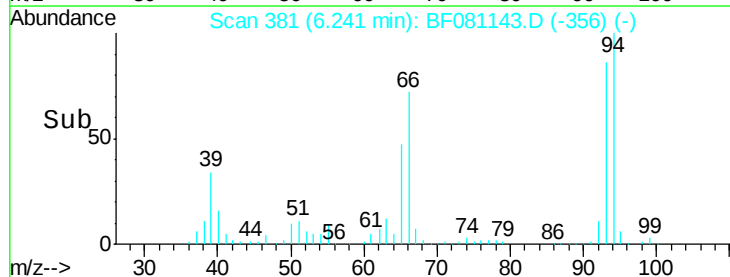
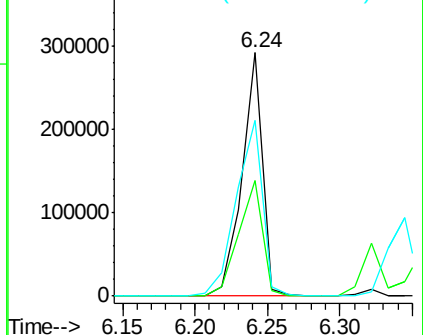
66 72.0 52.3 92.3

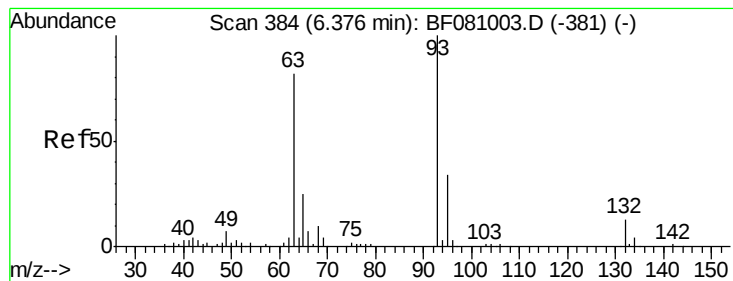


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.69 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

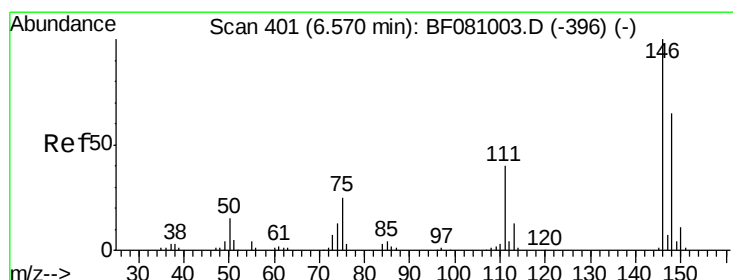
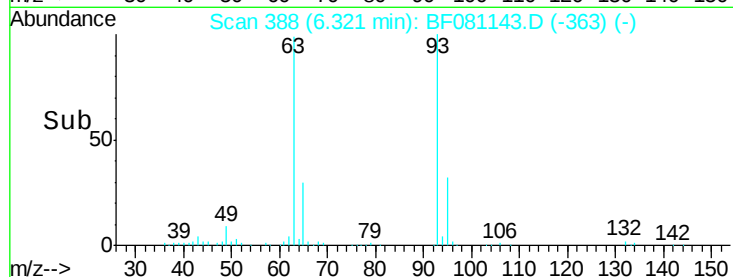
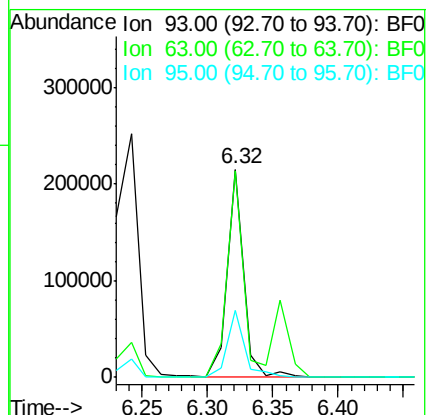
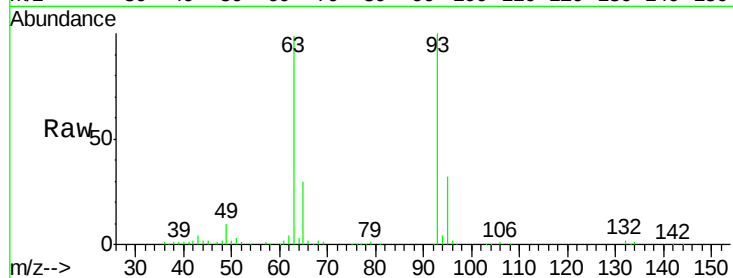
Tot Ion: 93 Resp: 191028

Ion Ratio Lower Upper

93 100

63 99.3 69.6 109.6

95 32.3 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 43.05 ng

RT: 6.52 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

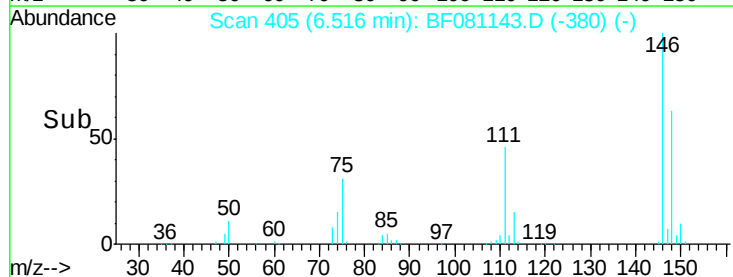
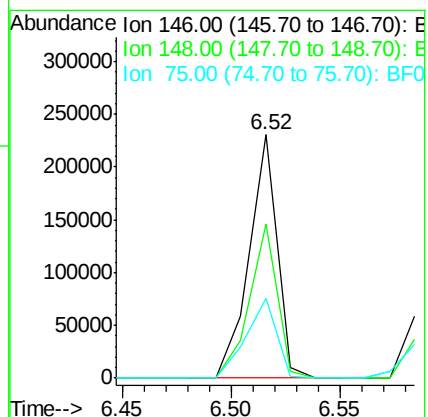
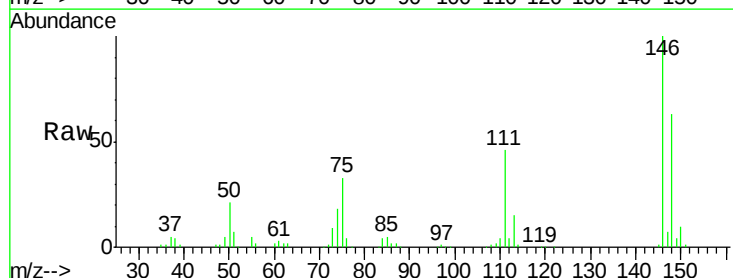
Tgt Ion: 146 Resp: 206068

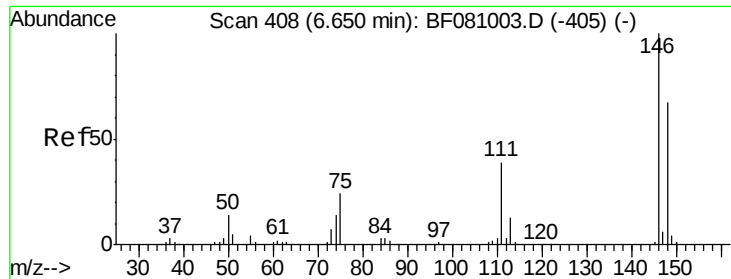
Ion Ratio Lower Upper

146 100

148 63.0 53.3 79.9

75 32.5 25.0 37.6

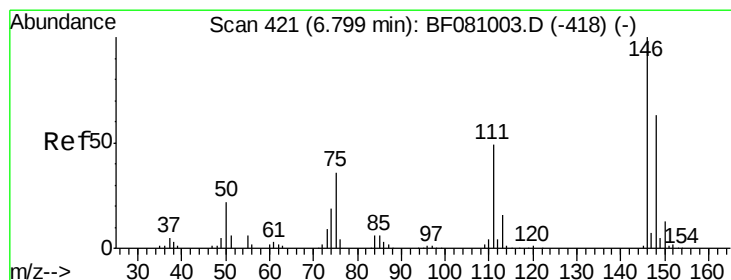
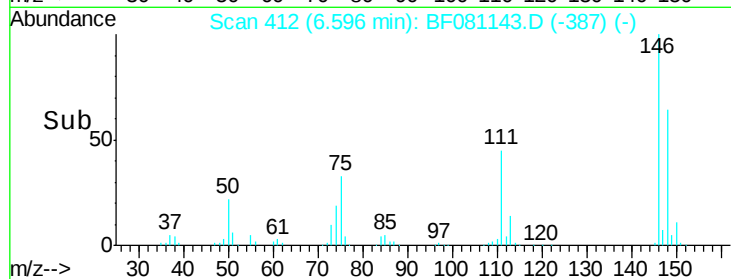
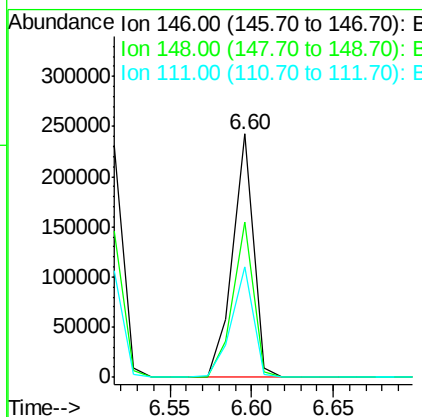
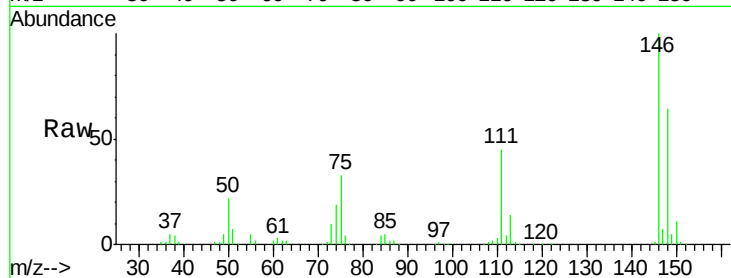




#13
 1,4-Dichlorobenzene
 Concen: 45.01 ng
 RT: 6.60 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

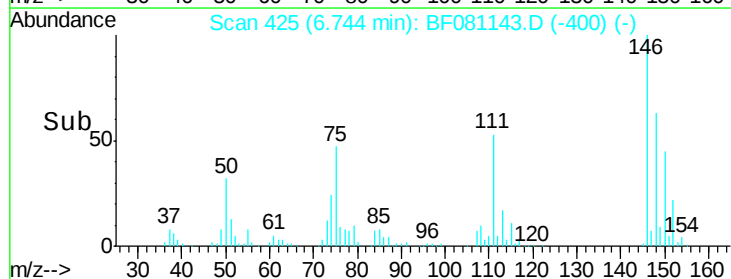
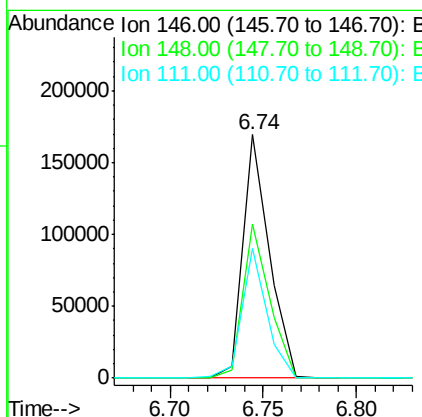
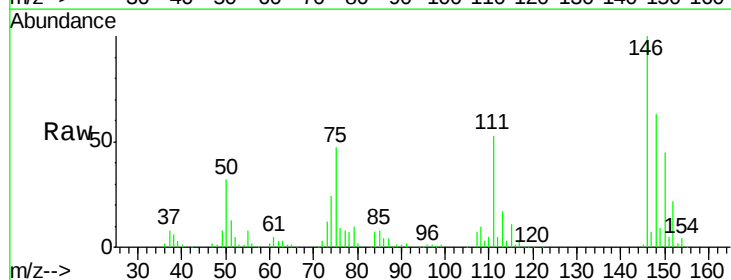
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

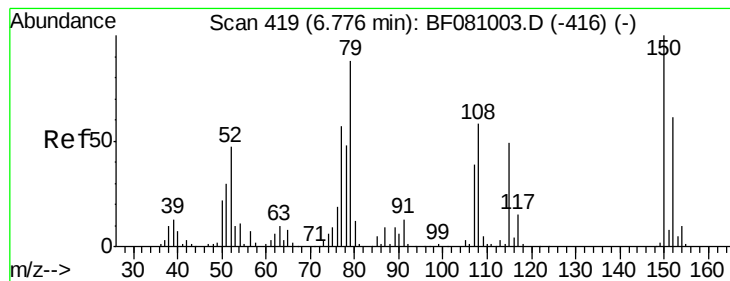
Tot Ion:146 Resp: 213355
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.3 78.5
 111 45.1 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 37.64 ng
 RT: 6.74 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Tgt Ion:146 Resp: 166975
 Ion Ratio Lower Upper
 146 100
 148 63.3 48.7 73.1
 111 53.4 42.3 63.5





#15

Benzyl Alcohol

Concen: 40.84 ng

RT: 6.73 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

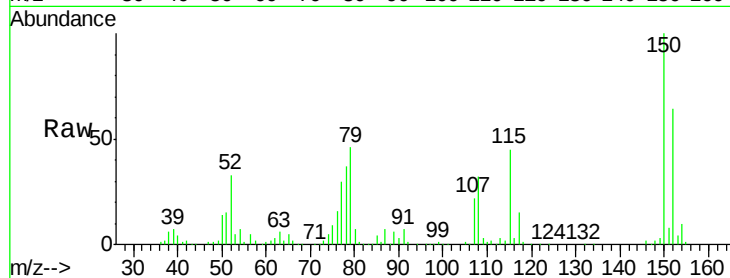
Tot Ion: 79 Resp: 175485

Ion Ratio Lower Upper

79 100

108 68.7 49.4 74.2

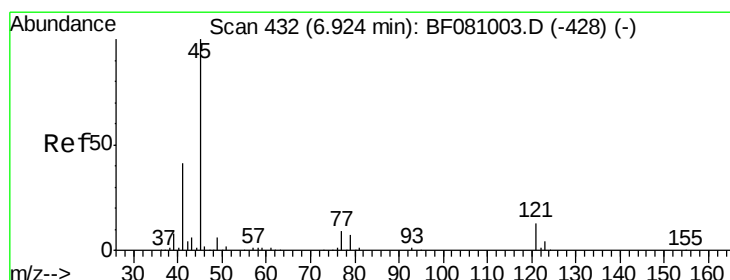
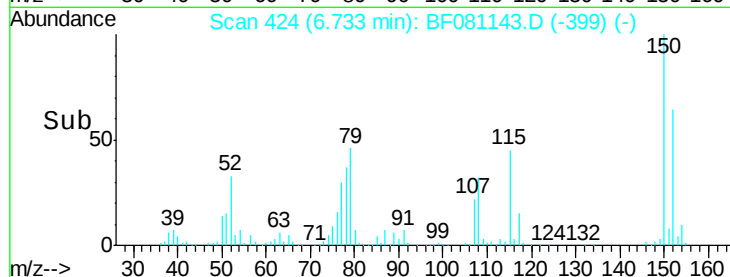
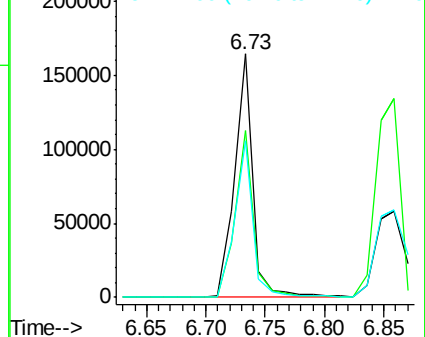
77 64.5 51.4 77.0



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: 39.60 ng

RT: 6.87 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

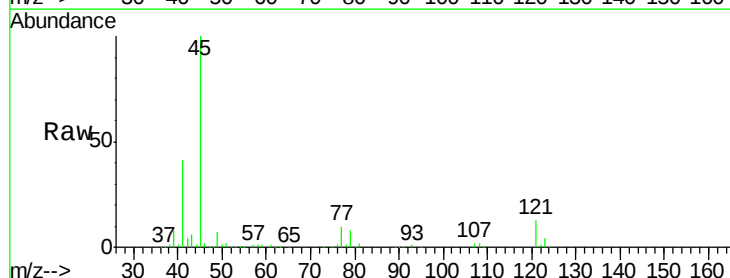
Tgt Ion: 45 Resp: 374454

Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.2

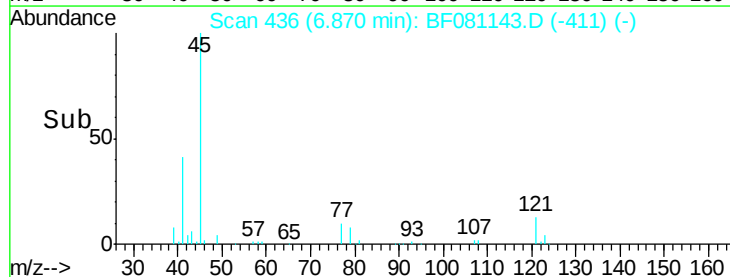
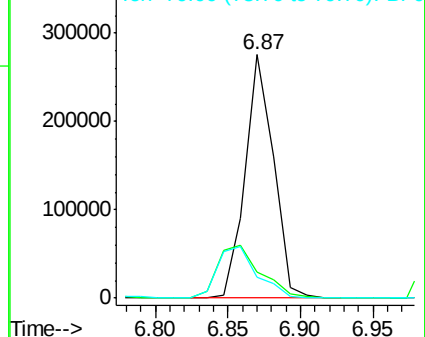
79 8.4 0.0 28.0

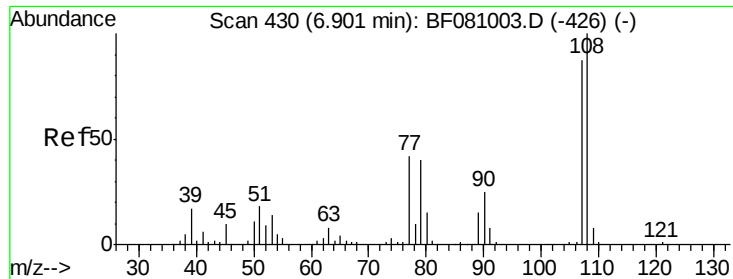


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

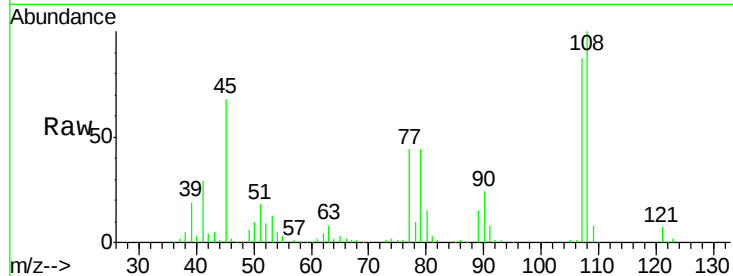




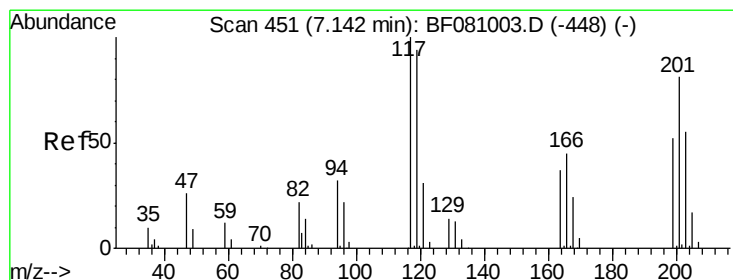
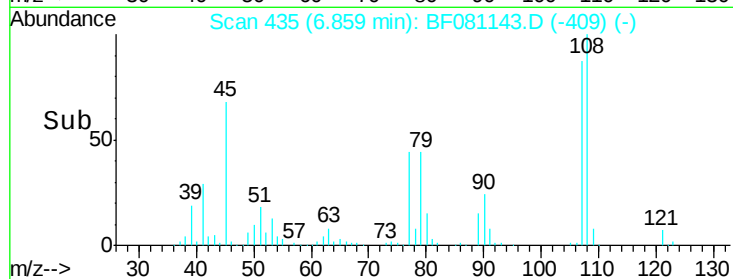
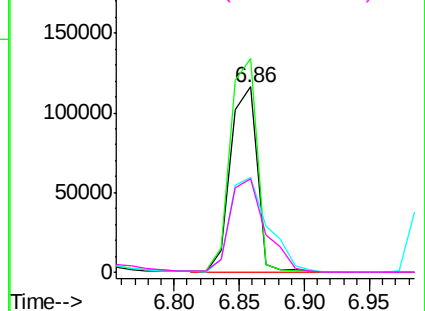
#17
2-Methylphenol
Concen: 43.20 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	107	Resp:	165134
Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.4	135.6
77	51.0	46.5	69.7
79	50.2	46.3	69.5

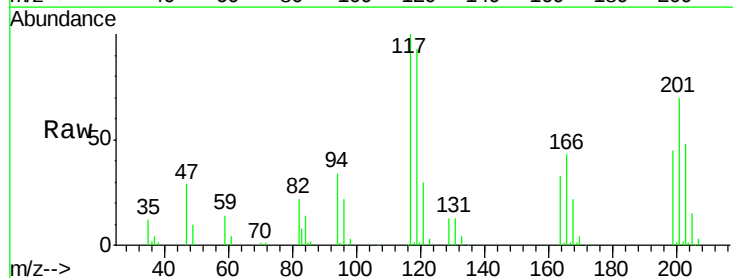


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

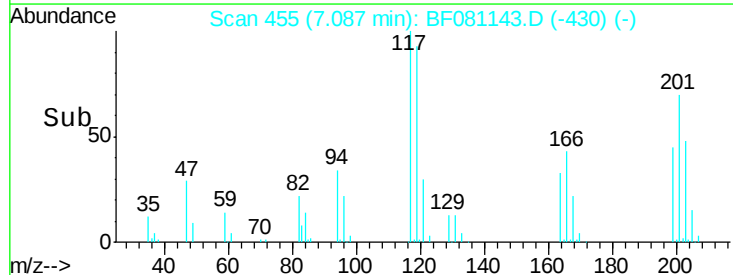
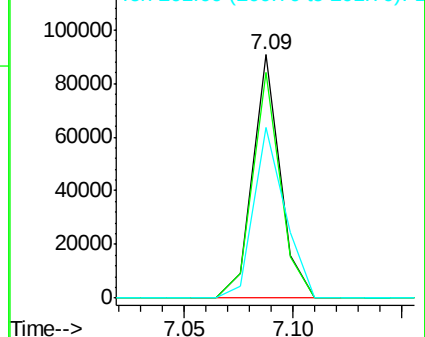


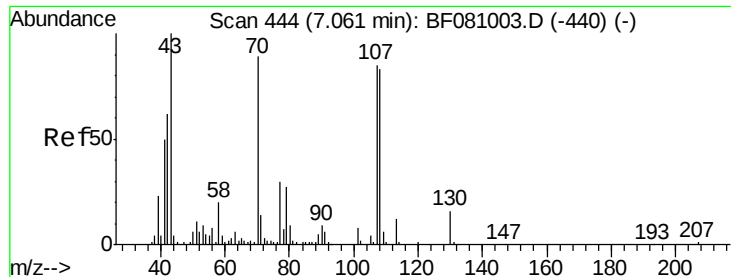
#18
Hexachloroethane
Concen: 41.43 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Tgt Ion:	117	Resp:	79354
Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.9	116.9
201	70.0	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

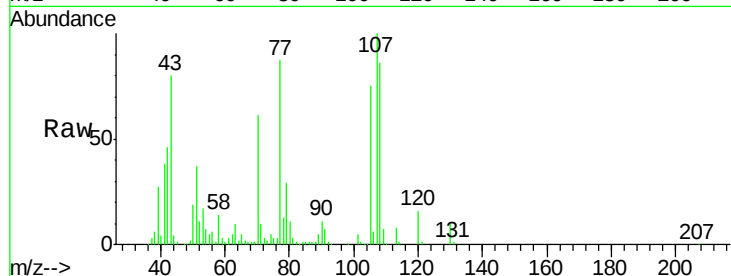




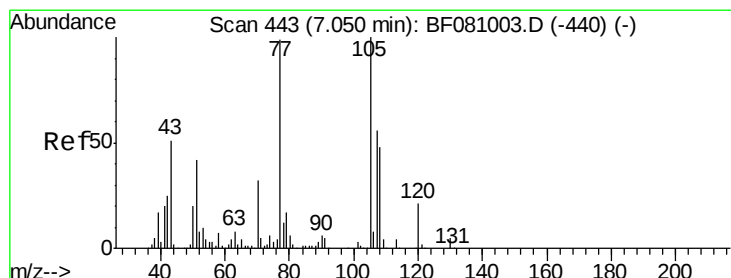
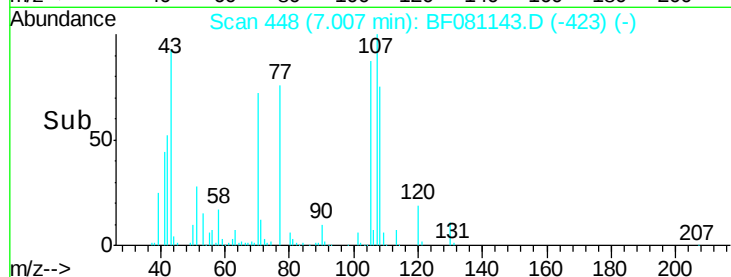
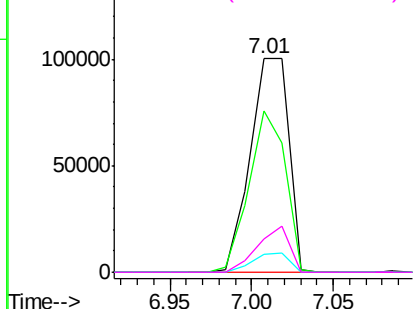
#19
n-Nitroso-di-n-propylamine
Concen: 45.02 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	70	Resp:	165615
Ion	Ratio	Lower	Upper
70	100		
42	75.3	65.0	97.4
101	8.5	7.4	11.2
130	15.7	13.0	19.4

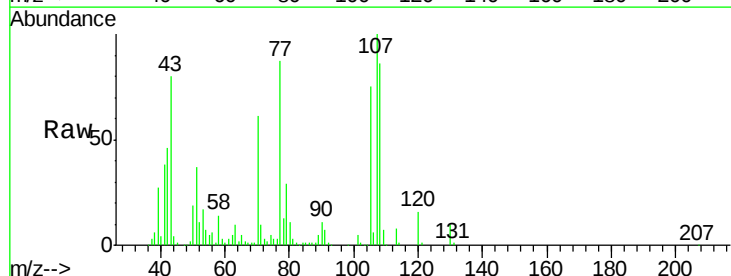


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

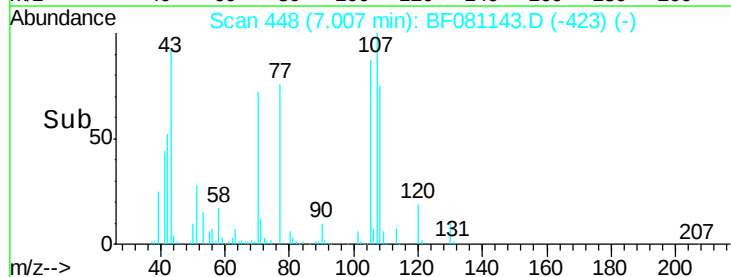
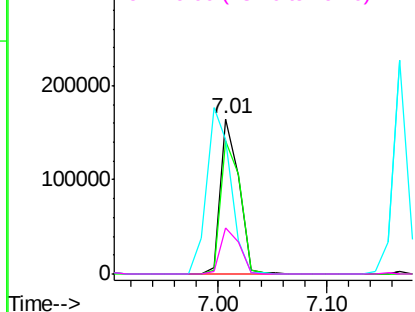


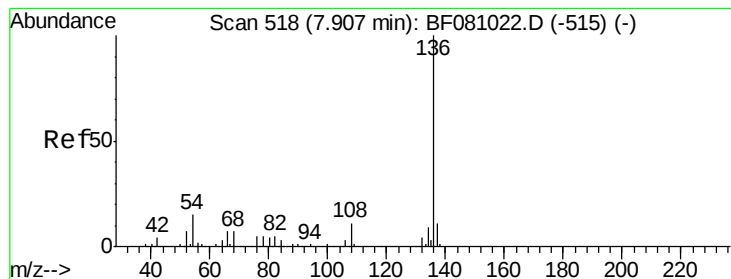
#20
3+4-Methylphenols
Concen: 40.01 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Tgt Ion:	107	Resp:	194116
Ion	Ratio	Lower	Upper
107	100		
108	85.7	66.1	106.1
77	86.9	139.3	179.3#
79	29.4	11.9	51.9



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 258878

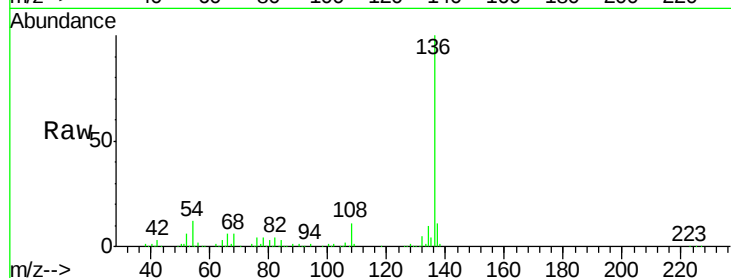
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.2

54 11.9 7.7 11.5#

68 6.3 3.4 5.2#



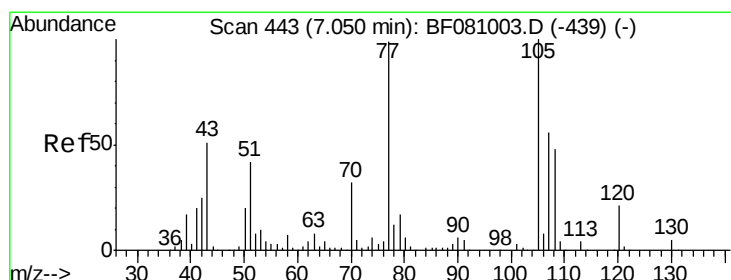
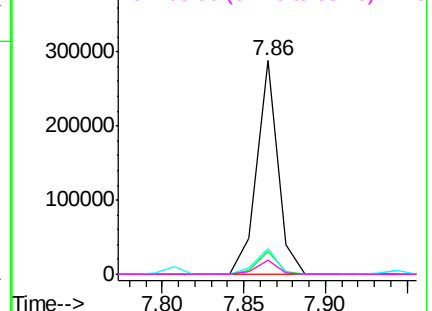
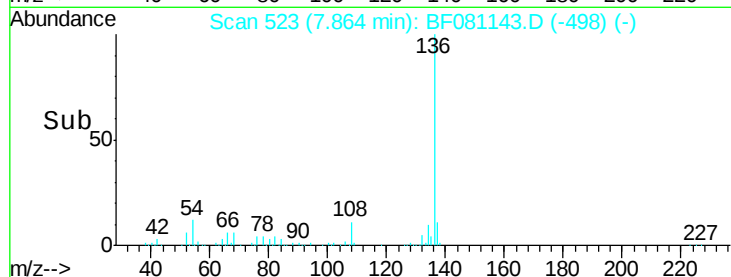
Abundance

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: 37.94 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Tgt Ion:105 Resp: 257851

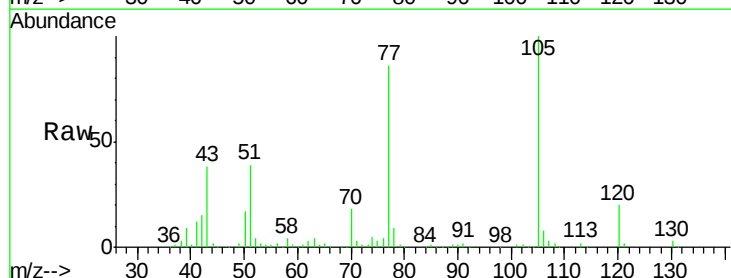
Ion Ratio Lower Upper

105 100

71 3.2 3.0 4.6

51 39.3 39.8 59.8#

120 19.7 15.8 23.8



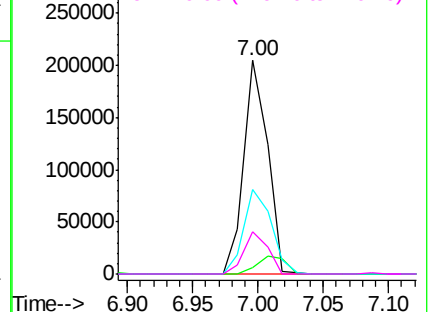
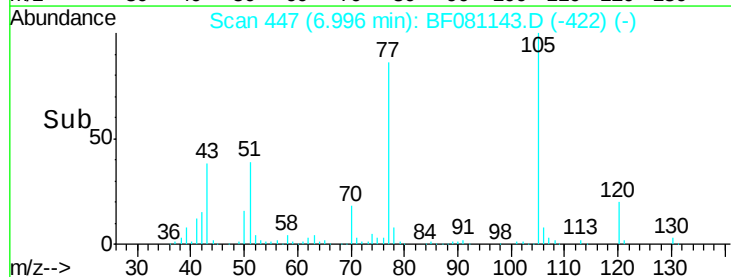
Abundance

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

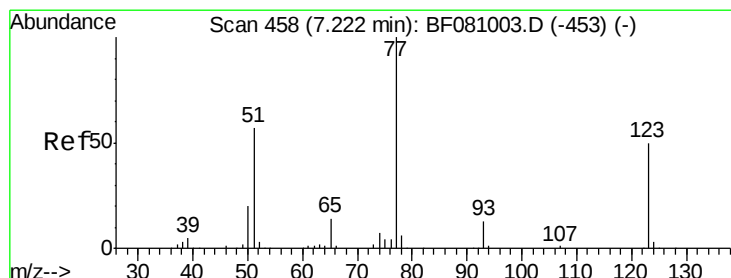
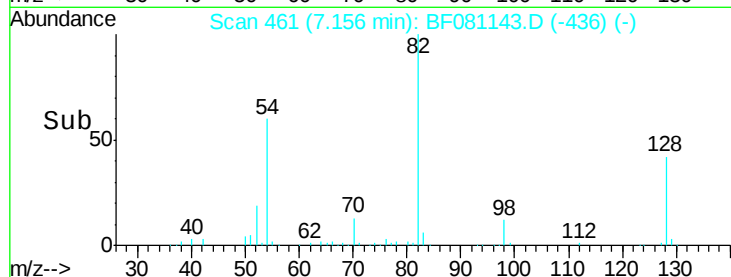
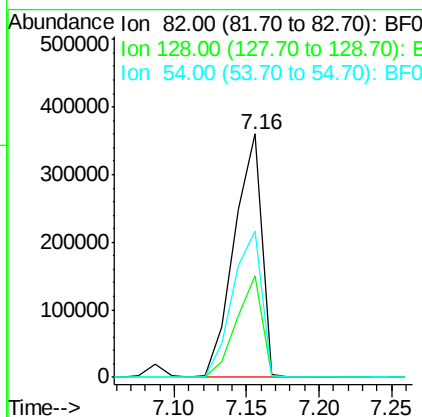
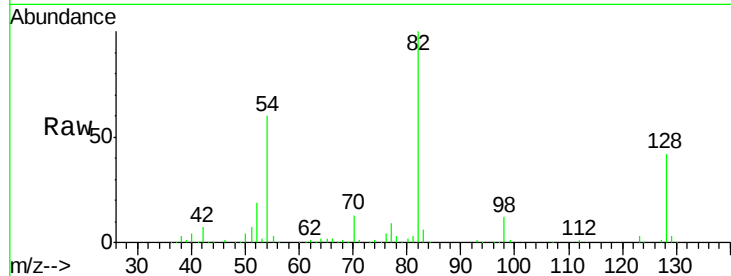




#23
 Nitrobenzene-d5
 Concen: 83.56 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

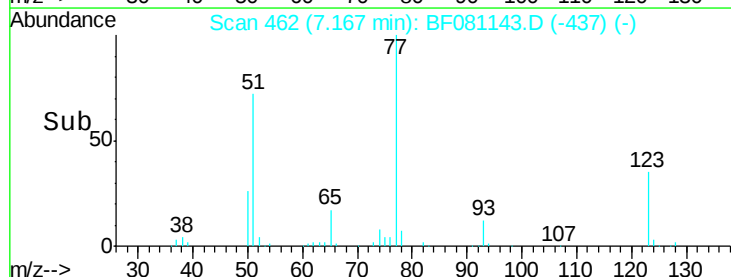
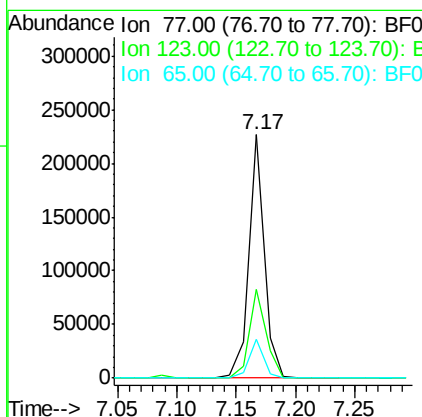
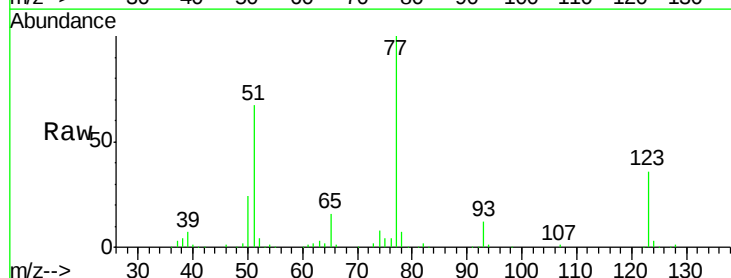
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

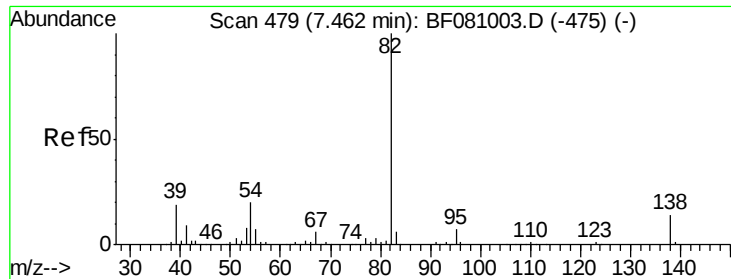
Tot Ion: 82 Resp: 473546
 Ion Ratio Lower Upper
 82 100
 128 41.9 28.6 42.8
 54 59.9 55.1 82.7



#24
 Nitrobenzene
 Concen: 34.92 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Tgt Ion: 77 Resp: 206930
 Ion Ratio Lower Upper
 77 100
 123 36.3 32.9 49.3
 65 15.8 12.5 18.7





#25

Isophorone

Concen: 40.66 ng

RT: 7.42 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

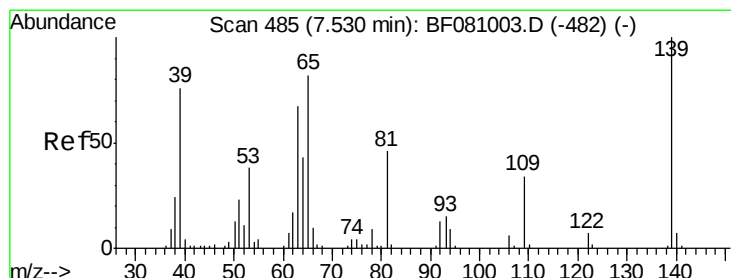
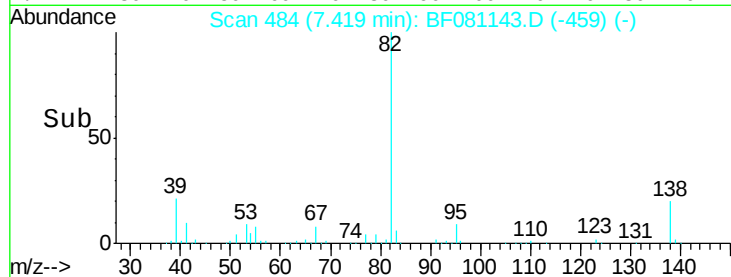
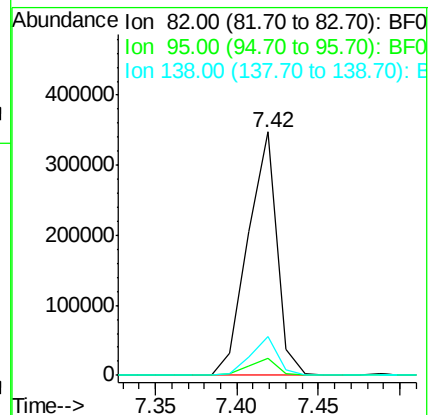
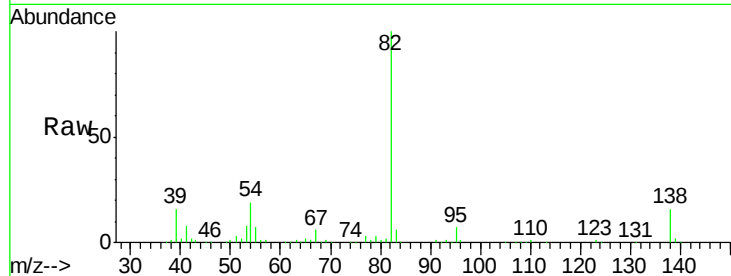
Tot Ion: 82 Resp: 429730

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 16.0 10.5 15.7#



#26

2-Nitrophenol

Concen: 44.06 ng

RT: 7.49 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

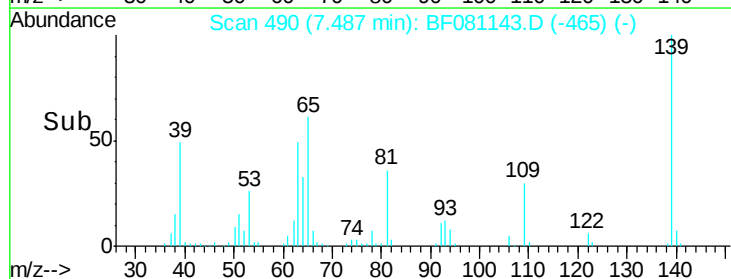
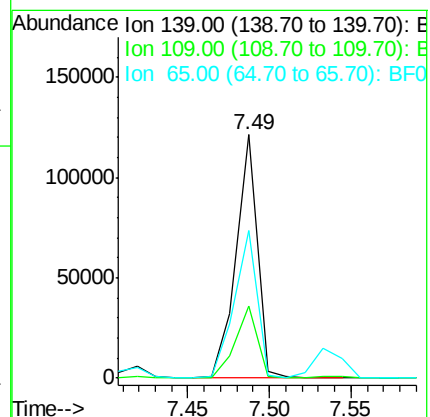
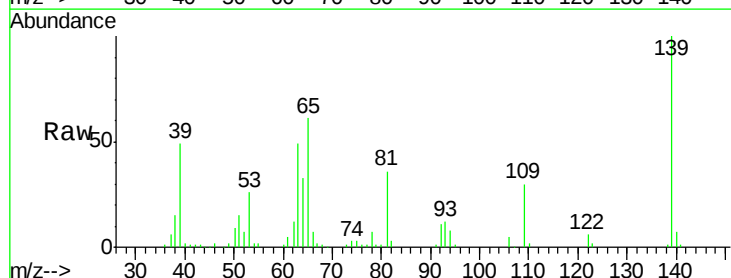
Tgt Ion: 139 Resp: 108579

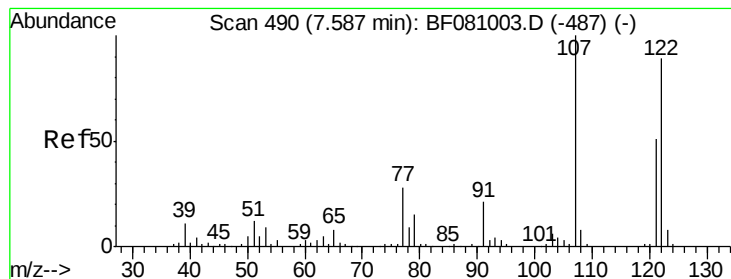
Ion Ratio Lower Upper

139 100

109 29.8 32.1 48.1#

65 60.6 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 39.41 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

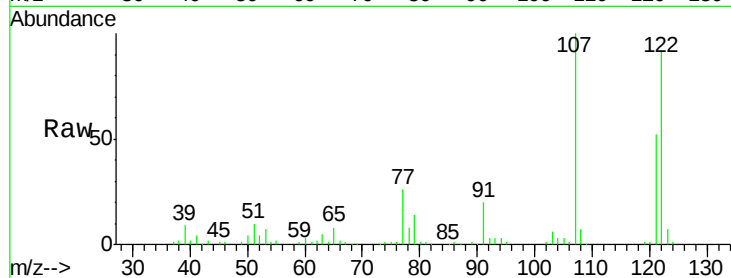
Tot Ion:122 Resp: 171812

Ion Ratio Lower Upper

122 100

107 108.7 103.8 155.6

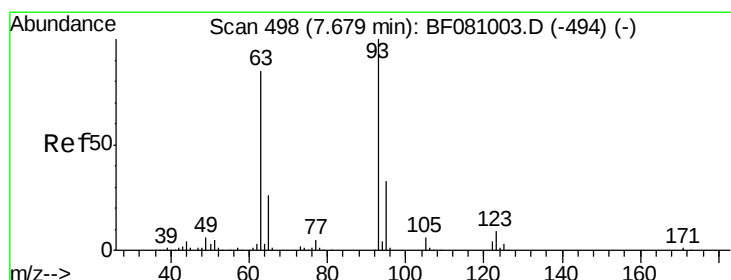
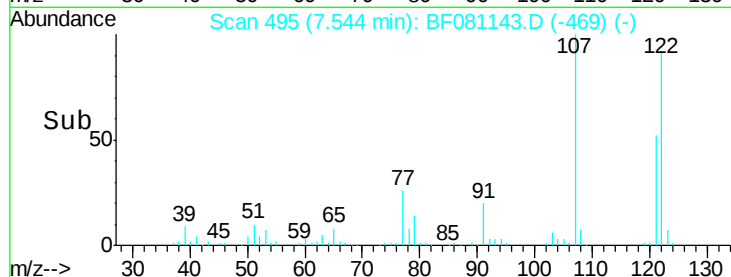
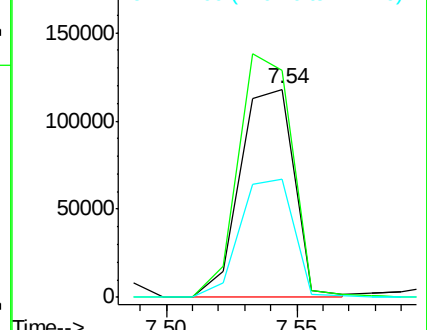
121 56.8 47.0 70.4



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: 43.16 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

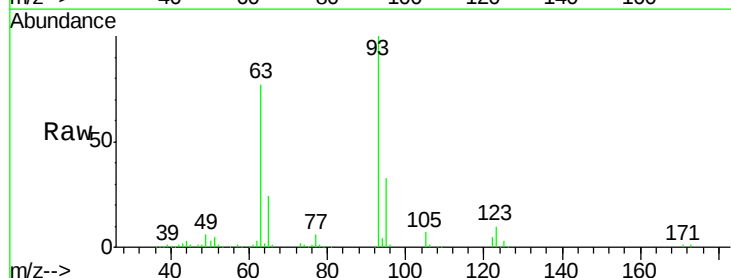
Tgt Ion: 93 Resp: 269476

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

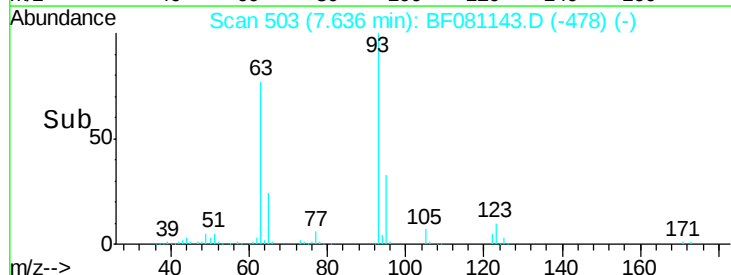
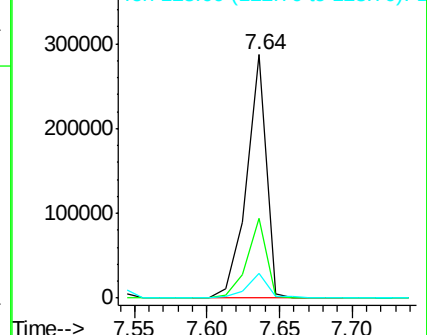
123 10.1 7.4 11.0

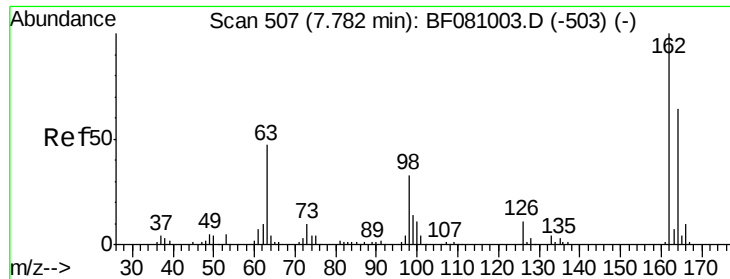


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

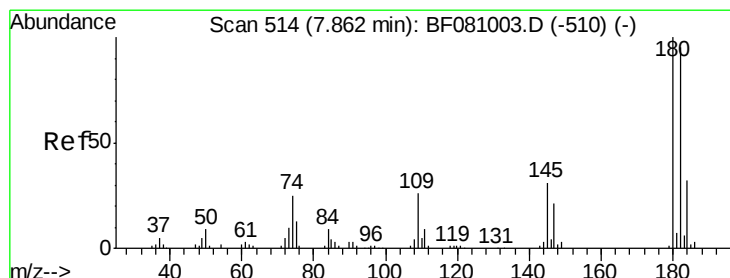
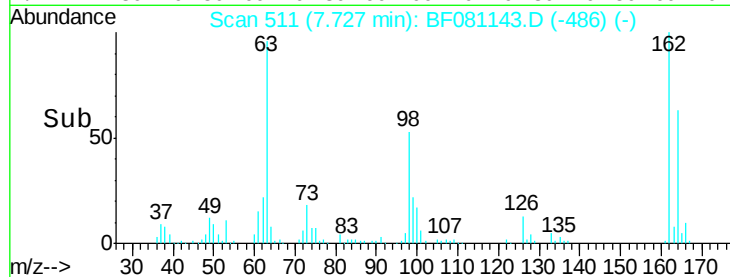
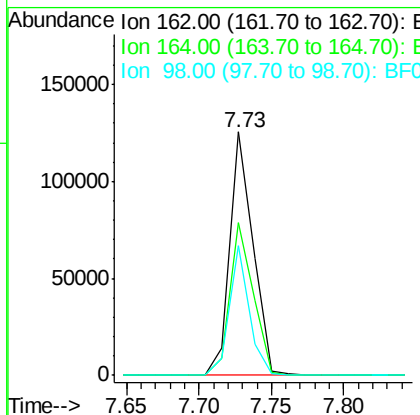
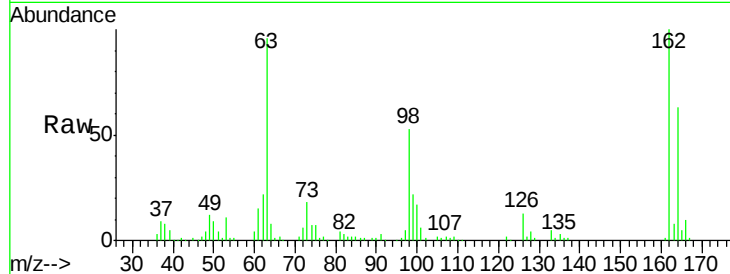




#29
 2,4-Dichlorophenol
 Concen: 37.87 ng
 RT: 7.73 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

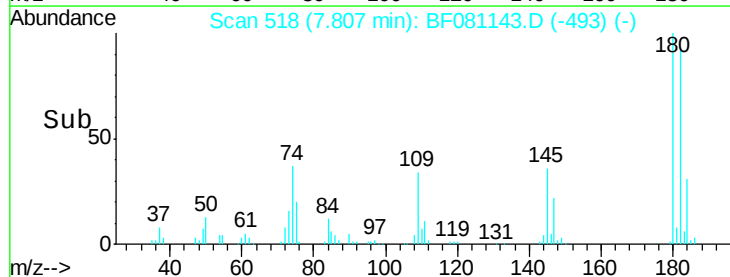
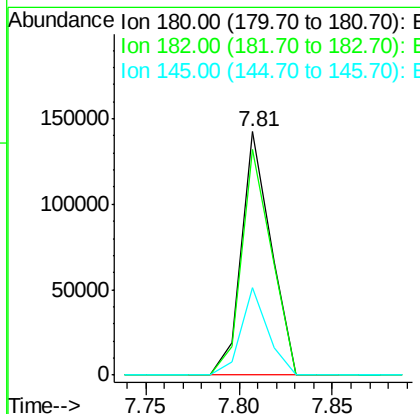
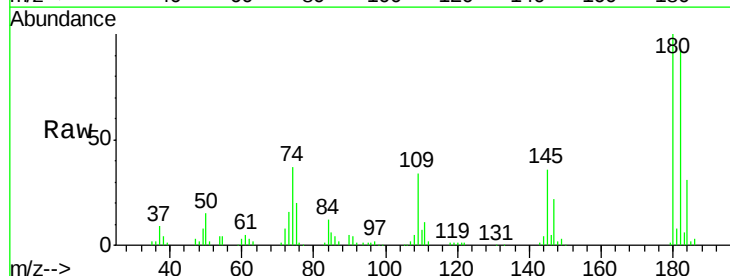
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

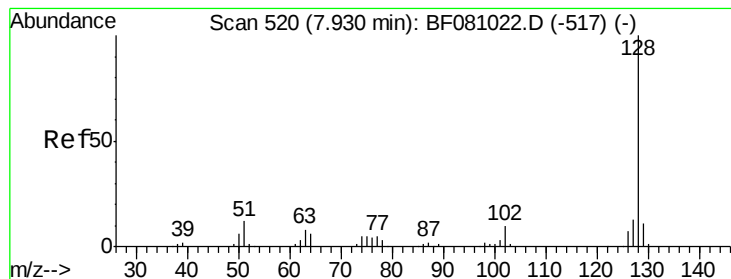
Tot Ion:162 Resp: 139005
 Ion Ratio Lower Upper
 162 100
 164 62.7 43.2 83.2
 98 53.1 12.3 52.3#



#30
 1,2,4-Trichlorobenzene
 Concen: 38.28 ng
 RT: 7.81 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Tgt Ion:180 Resp: 156153
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.4 114.6
 145 36.1 25.4 38.2





#31

Naphthalene

Concen: 40.06 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

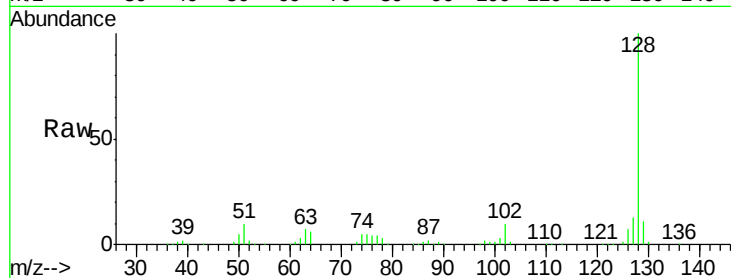
Tot Ion:128 Resp: 578066

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

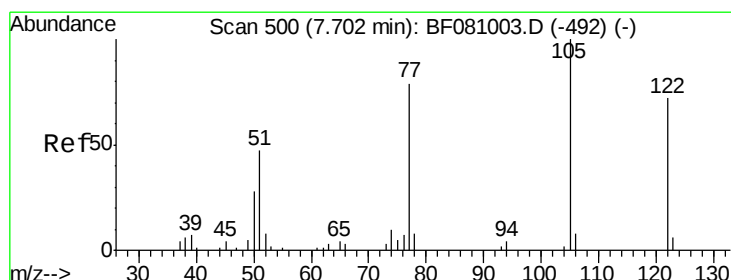
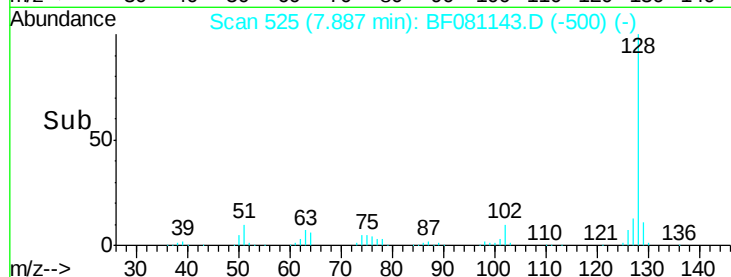
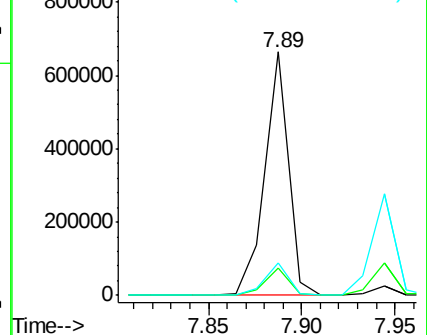
127 13.5 10.6 16.0



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: 27.22 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

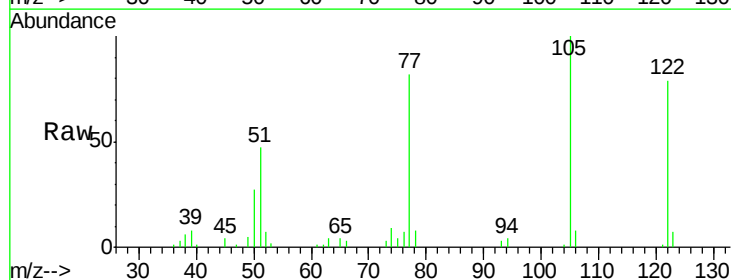
Tgt Ion:122 Resp: 66757

Ion Ratio Lower Upper

122 100

105 126.3 113.8 153.8

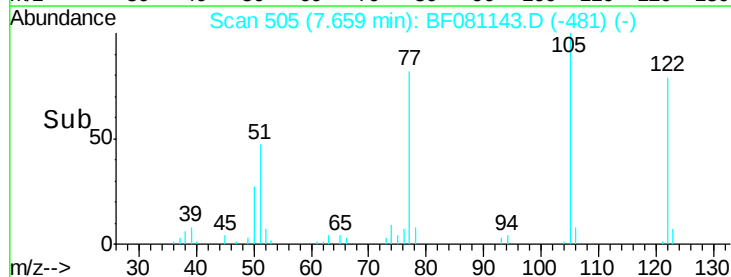
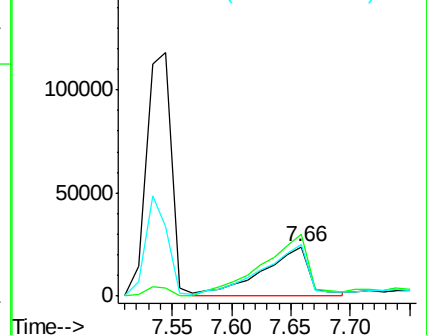
77 103.5 93.8 133.8

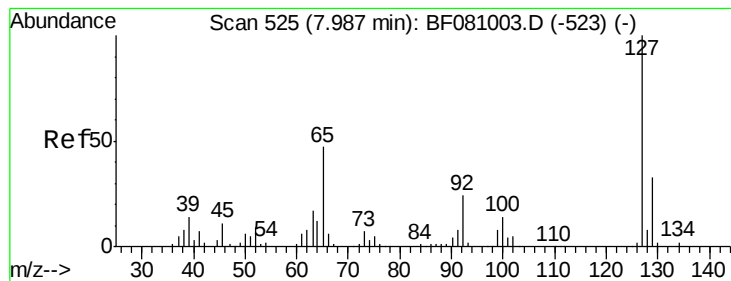


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 39.95 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:127 Resp: 243220

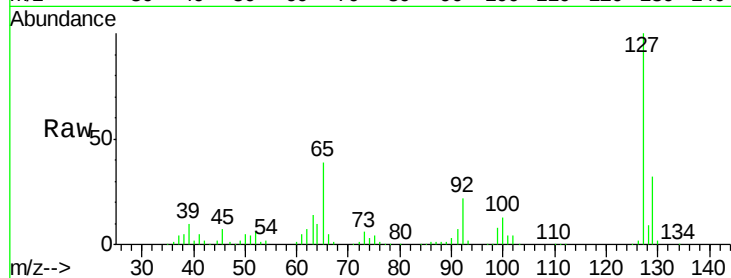
Ion Ratio Lower Upper

127 100

129 32.1 25.2 37.8

65 39.5 37.8 56.6

92 21.6 19.5 29.3

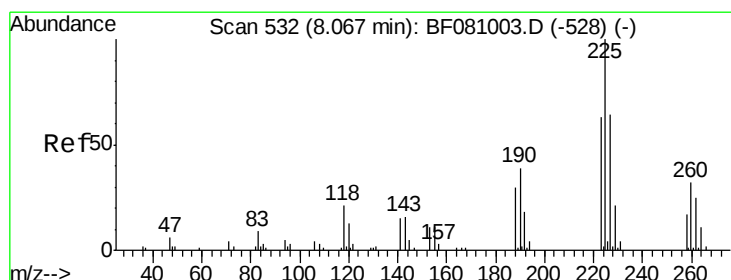
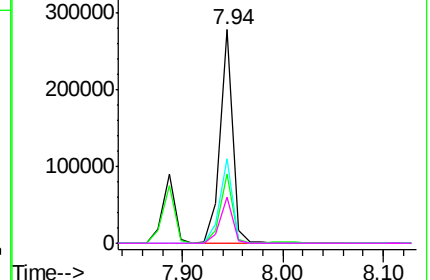
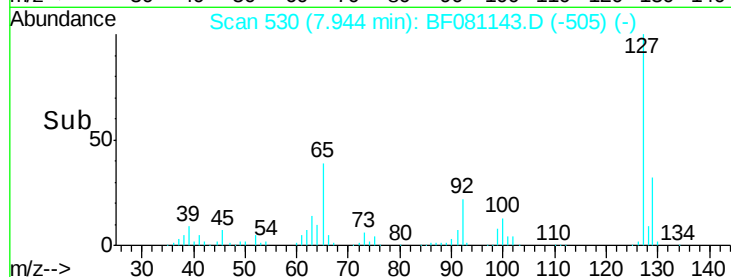


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.72 ng

RT: 8.01 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

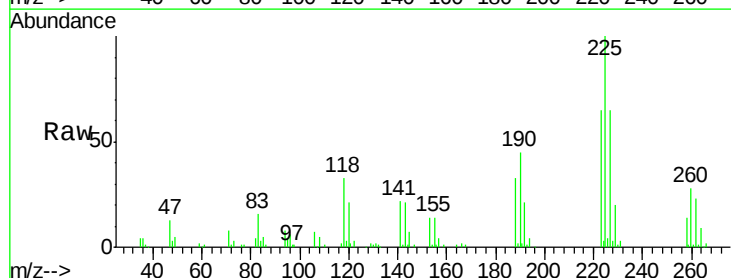
Tgt Ion:225 Resp: 98543

Ion Ratio Lower Upper

225 100

223 64.6 52.6 79.0

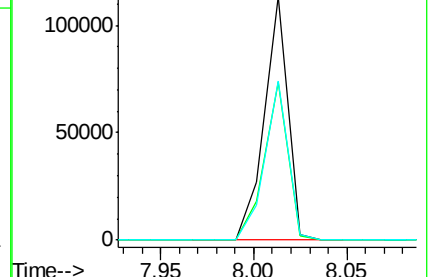
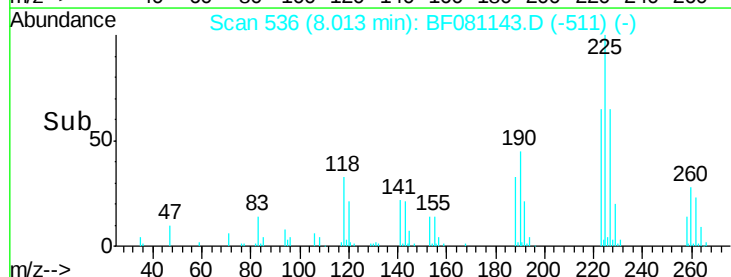
227 65.1 51.1 76.7



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: 39.21 ng

RT: 8.33 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

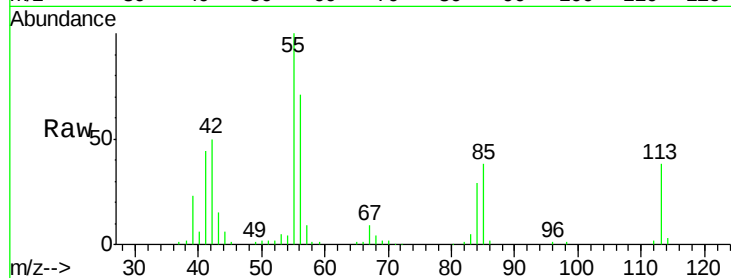
Tot Ion:113 Resp: 50299

Ion Ratio Lower Upper

113 100

55 260.2 280.4 320.4#

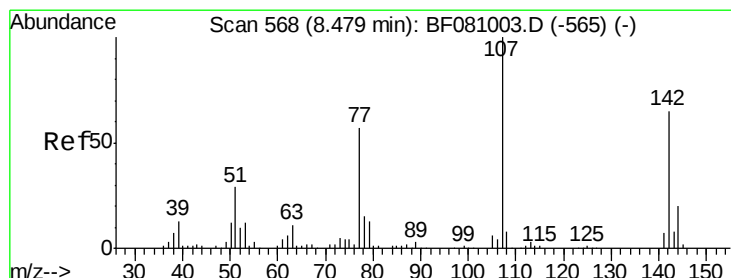
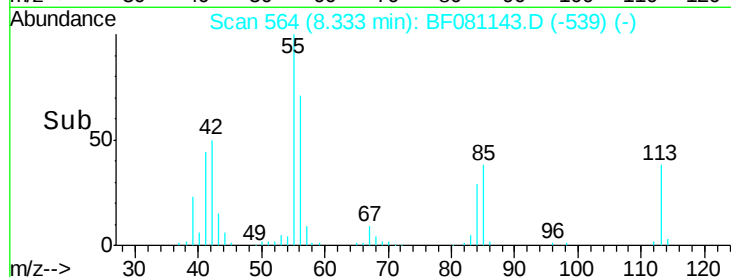
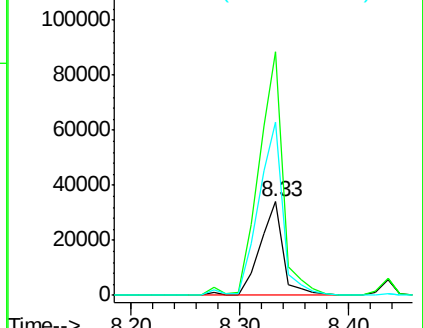
56 185.7 205.9 245.9#



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: 39.89 ng

RT: 8.44 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

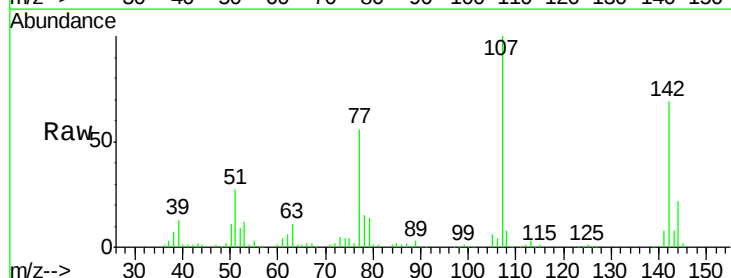
Tgt Ion:107 Resp: 174469

Ion Ratio Lower Upper

107 100

144 21.5 17.2 25.8

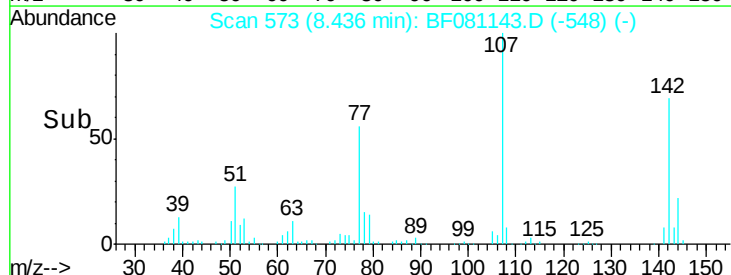
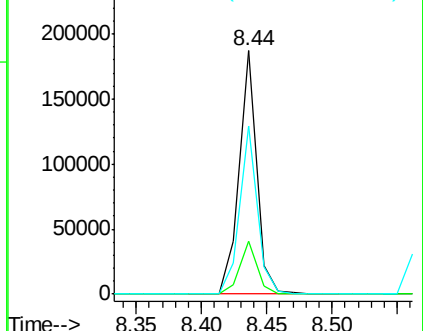
142 69.2 54.9 82.3

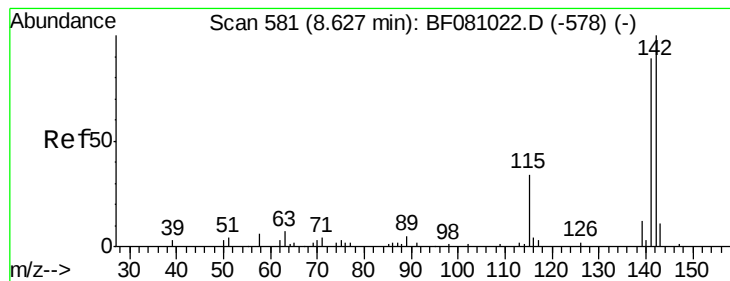


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

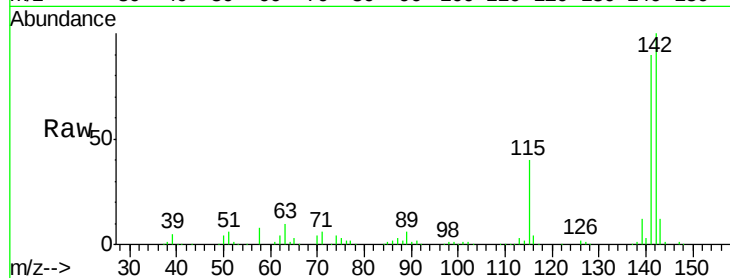




#37
 2-Methylnaphthalene
 Concen: 37.39 ng
 RT: 8.57 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	40.4	33.4	50.0

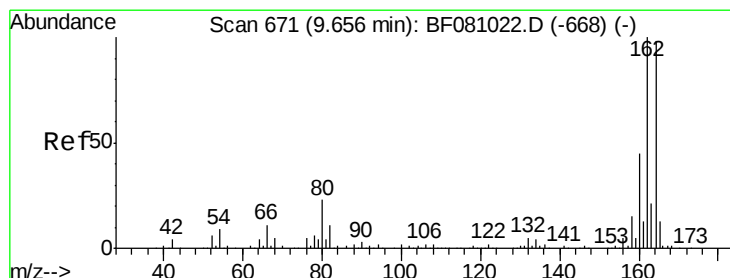
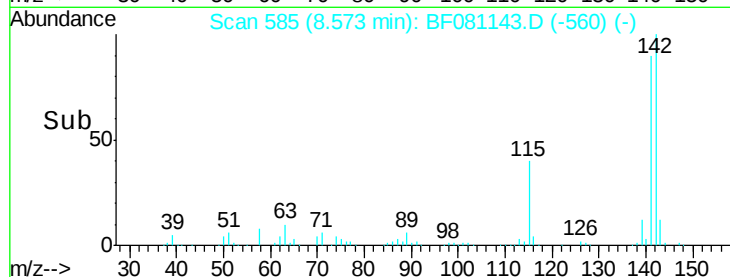
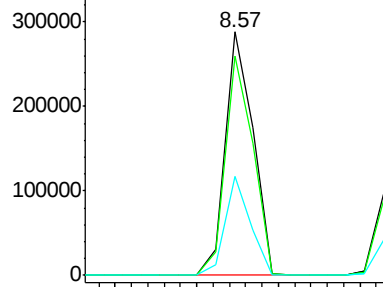


Abundance

Ion 142.00 (141.70 to 142.70): E

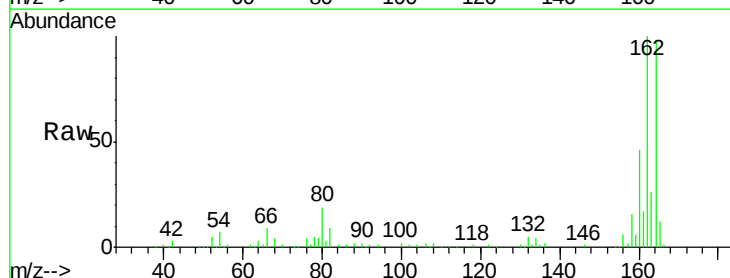
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.8	125.8
160	46.6	39.8	59.8

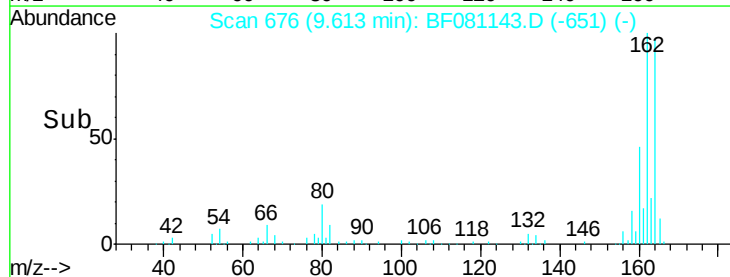
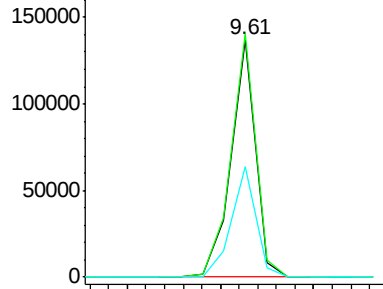


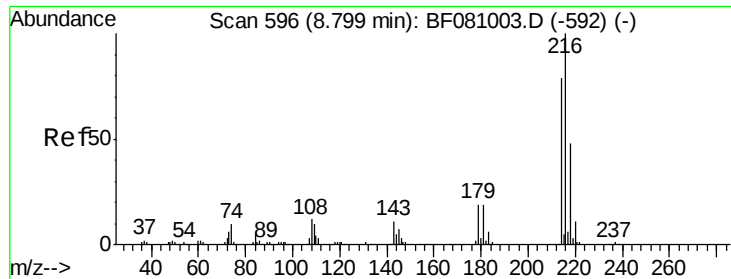
Abundance

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

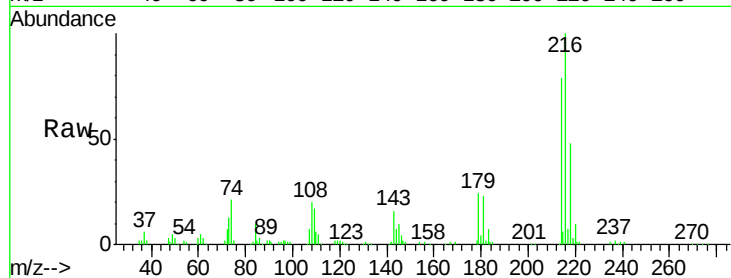




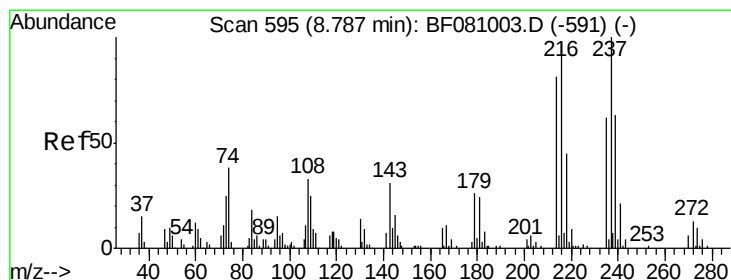
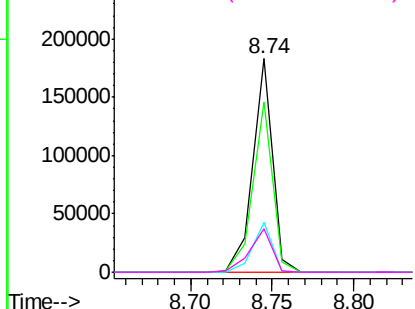
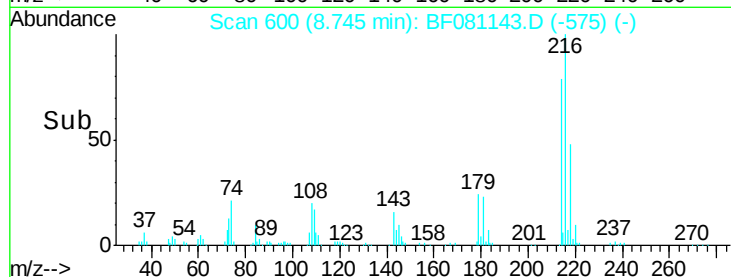
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.00 ng
 RT: 8.74 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:216	Resp:	154691
Ion Ratio	Lower	Upper
216	100	
214	79.4	63.8 95.8
179	23.4	17.8 26.8
108	22.7	16.2 24.2

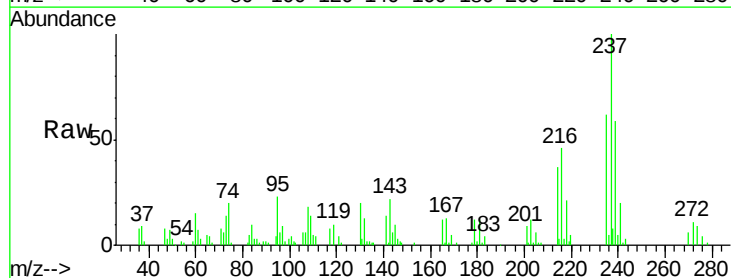


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

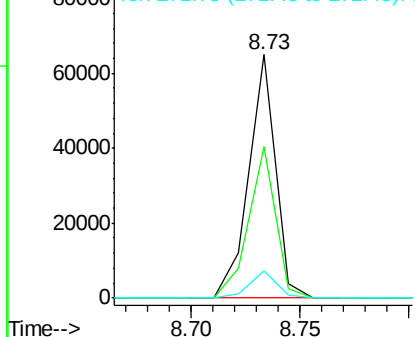
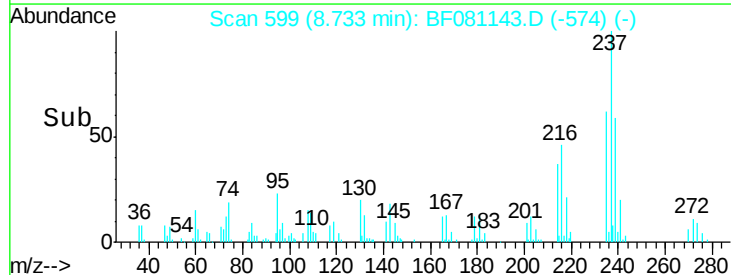


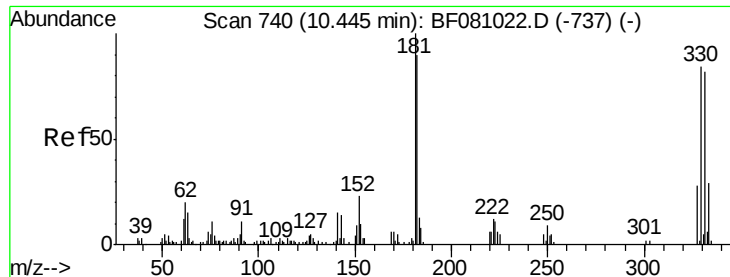
#40
 Hexachlorocyclopentadiene
 Concen: 27.05 ng
 RT: 8.73 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Tgt Ion:237	Resp:	55548
Ion Ratio	Lower	Upper
237	100	
235	62.0	43.6 83.6
272	11.2	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: 75.85 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

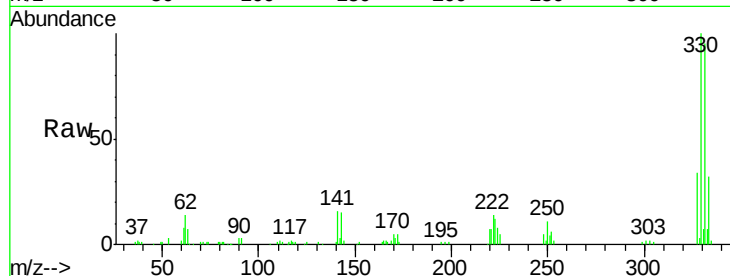
Tot Ion:330 Resp: 80845

Ion Ratio Lower Upper

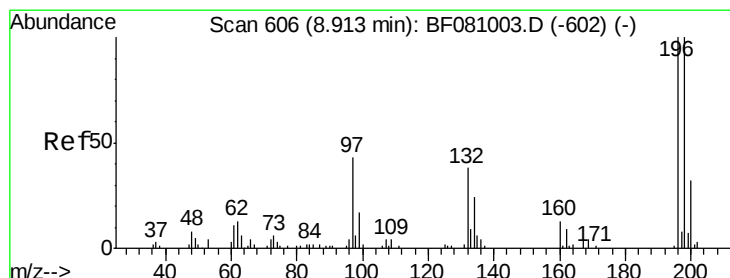
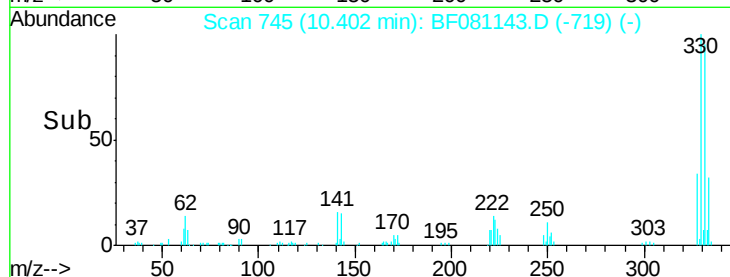
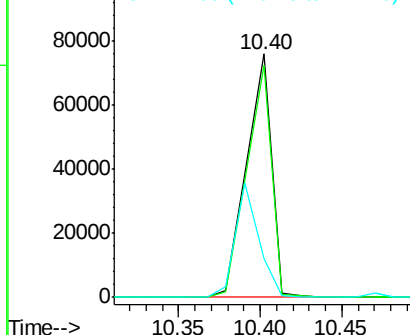
330 100

332 95.0 77.3 115.9

141 43.6 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: 37.72 ng

RT: 8.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

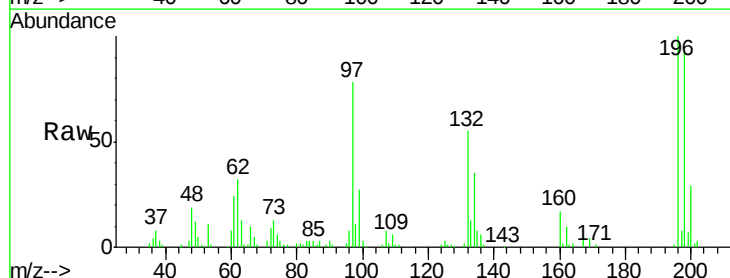
Tgt Ion:196 Resp: 105709

Ion Ratio Lower Upper

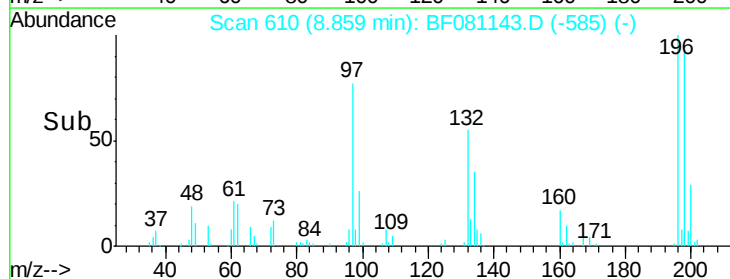
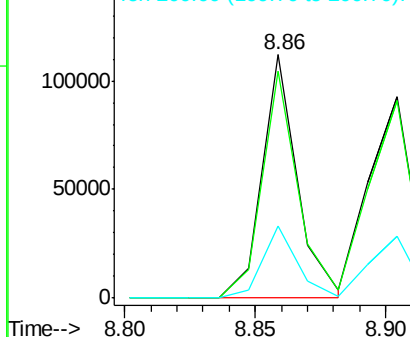
196 100

198 93.1 74.6 111.8

200 29.4 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

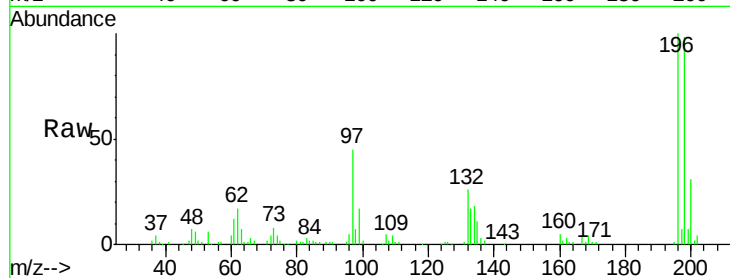




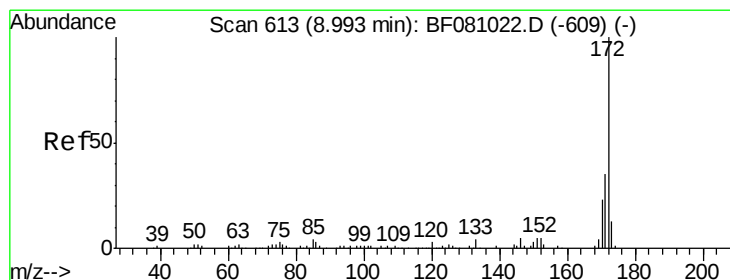
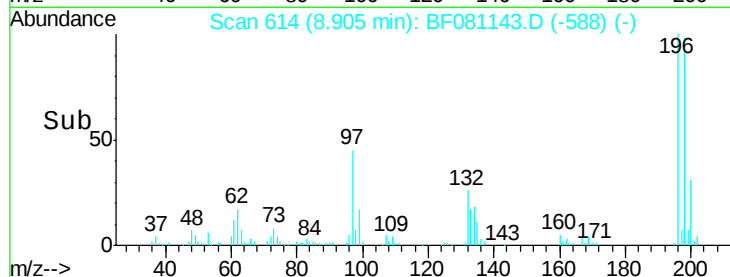
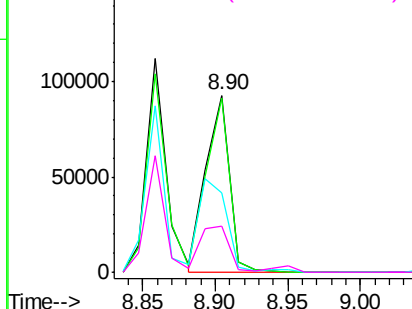
#43
 2,4,5-Trichlorophenol
 Concen: 37.69 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.3	117.5
97	44.9	42.7	64.1
132	26.1	23.3	34.9

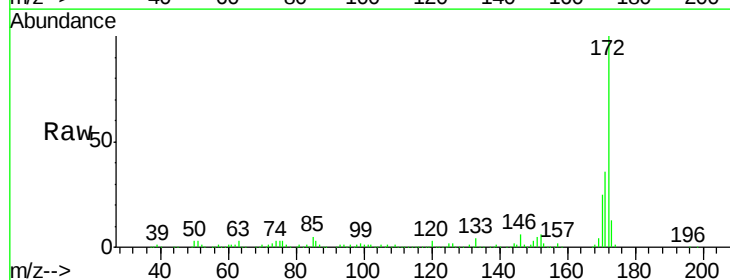


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

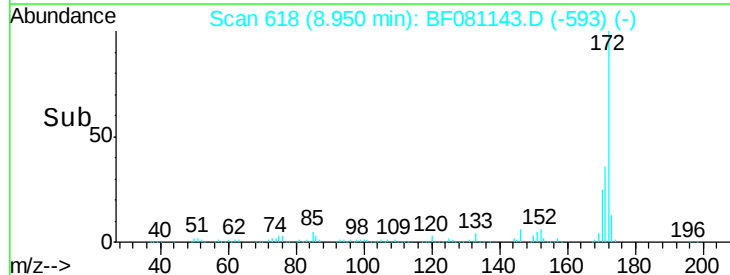
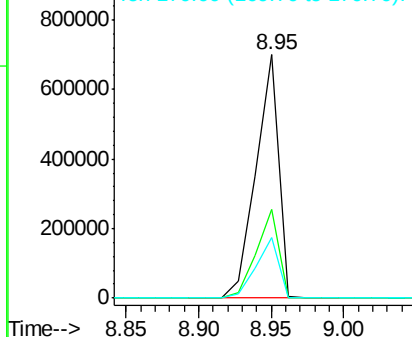


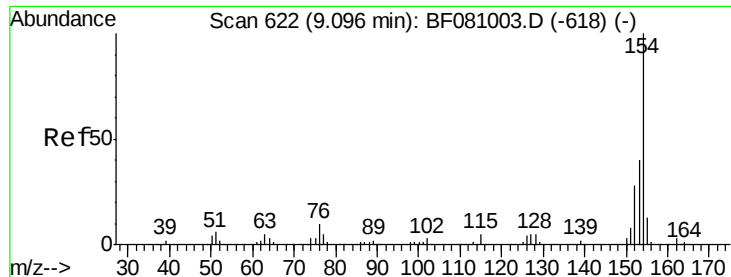
#44
 2-Fluorobiphenyl
 Concen: 80.80 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.7	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: 34.65 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

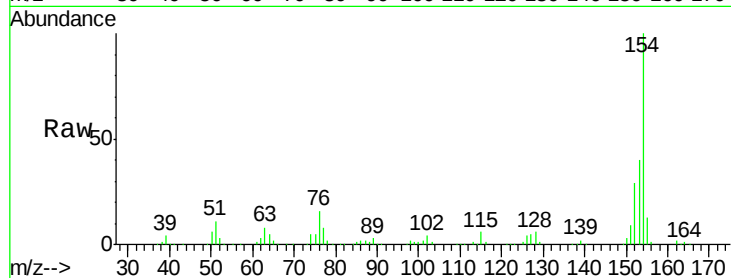
Tot Ion:154 Resp: 375259

Ion Ratio Lower Upper

154 100

153 40.1 19.5 59.5

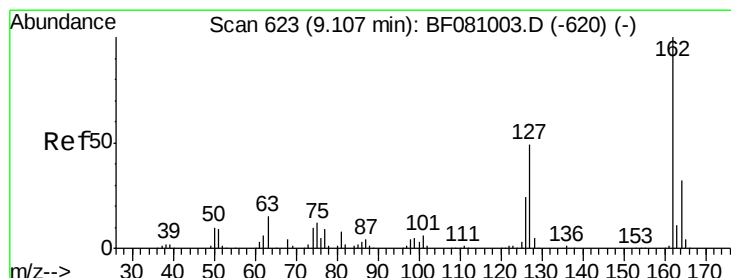
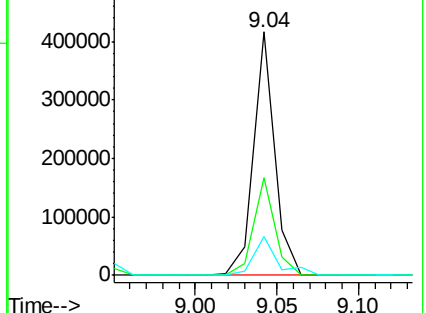
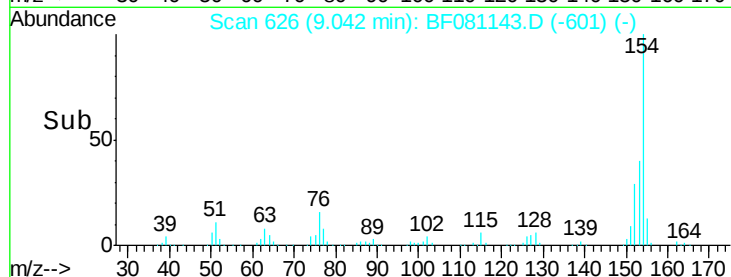
76 15.9 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.24 ng

RT: 9.06 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

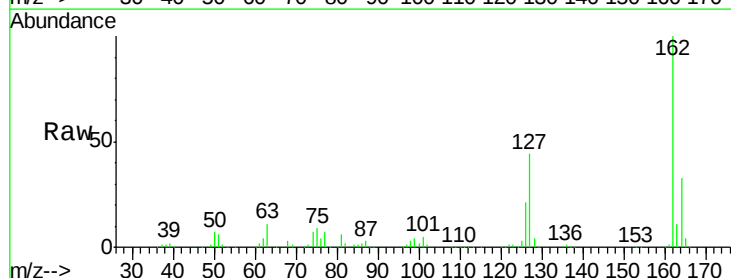
Tgt Ion:162 Resp: 341441

Ion Ratio Lower Upper

162 100

127 43.7 31.3 46.9

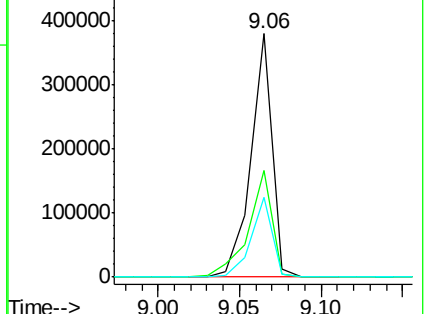
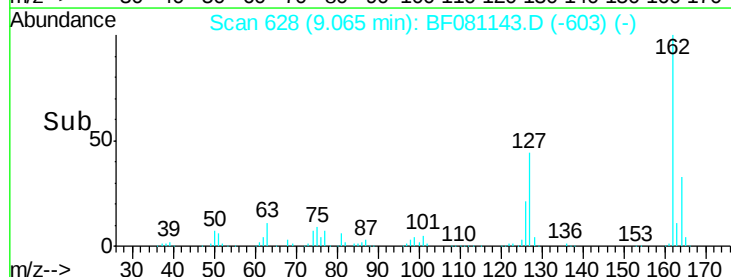
164 32.6 26.3 39.5



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

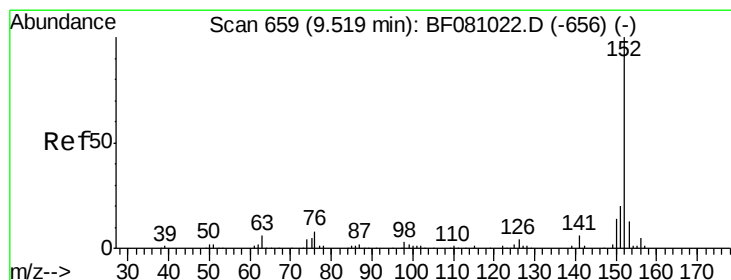
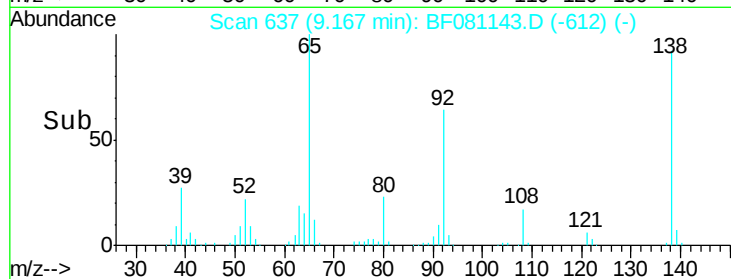
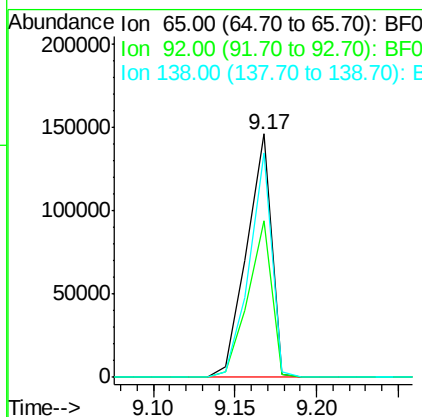
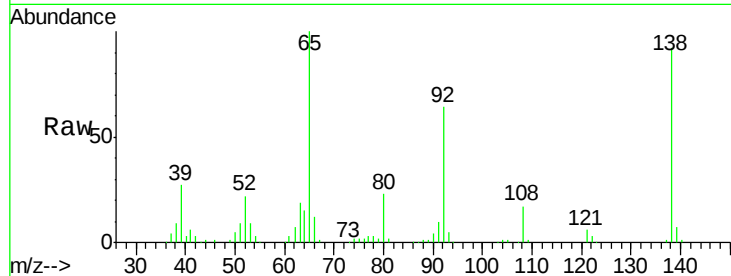




#47
2-Nitroaniline
Concen: 43.34 ng
RT: 9.17 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

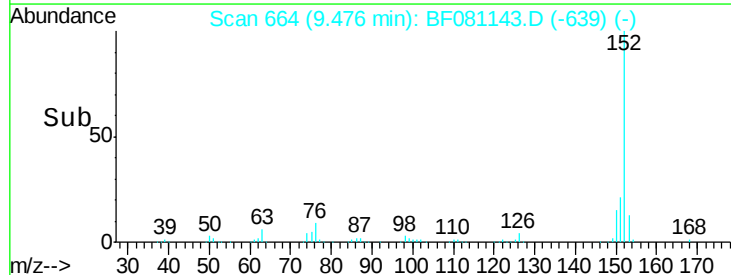
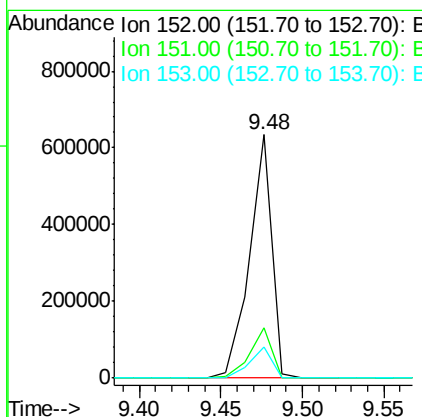
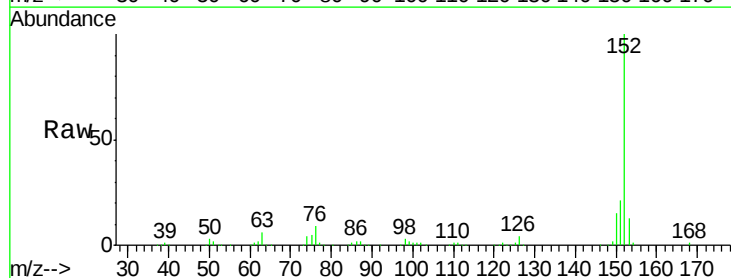
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 65 Resp: 154321
Ion Ratio Lower Upper
65 100
92 64.5 45.6 68.4
138 92.1 57.9 86.9#



#48
Acenaphthylene
Concen: 38.49 ng
RT: 9.48 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Tgt Ion: 152 Resp: 599040
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1
153 12.9 9.8 14.6





#49

Dimethylphthalate

Concen: 39.57 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

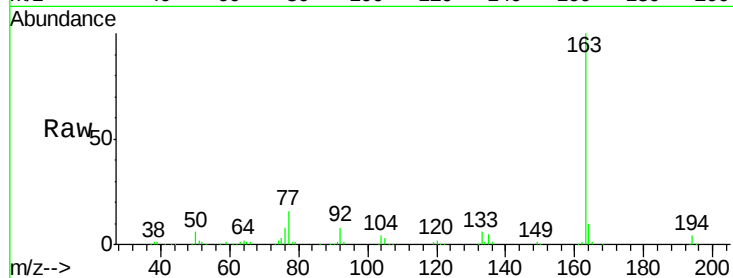
Tot Ion:163 Resp: 400674

Ion Ratio Lower Upper

163 100

194 3.6 2.5 3.7

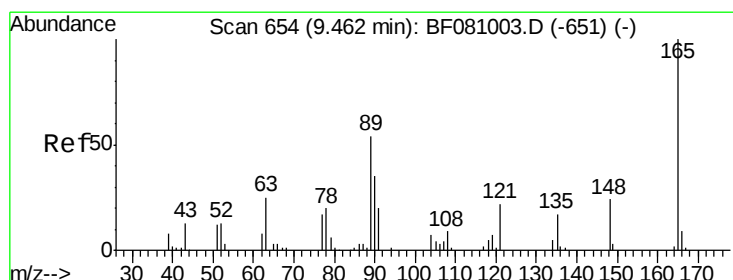
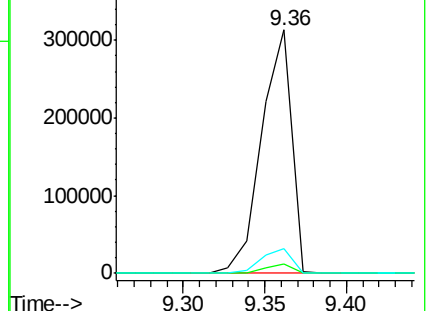
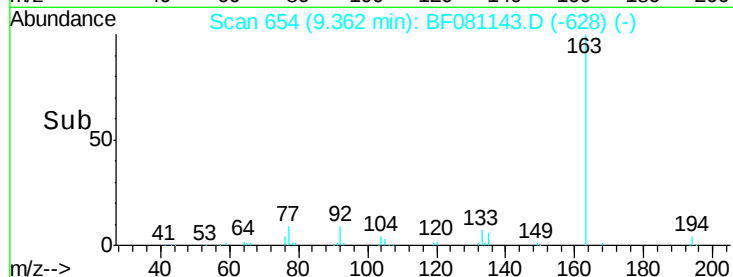
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.51 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

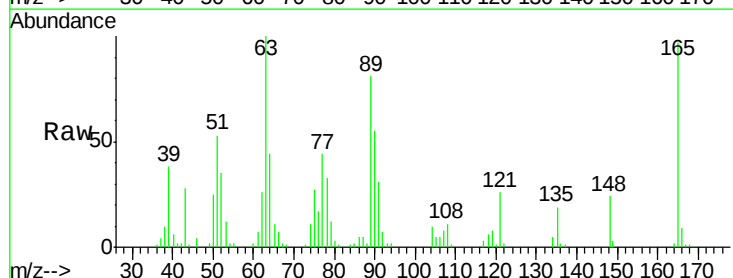
Tgt Ion:165 Resp: 79365

Ion Ratio Lower Upper

165 100

63 103.0 49.5 74.3#

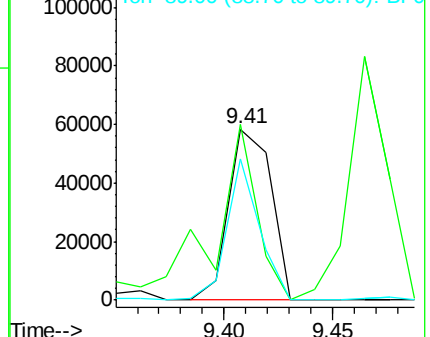
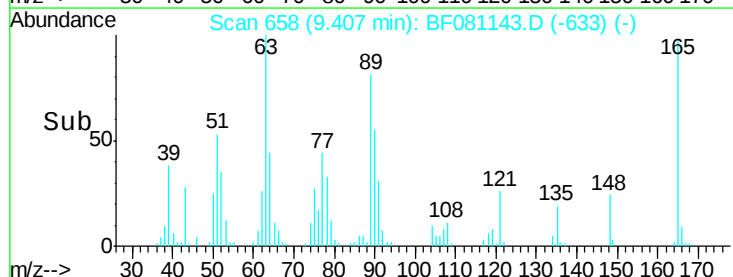
89 83.0 47.6 71.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.81 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

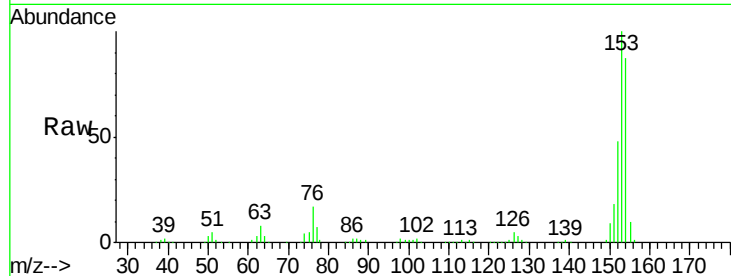
Tot Ion:154 Resp: 333617

Ion Ratio Lower Upper

154 100

153 114.9 91.4 137.2

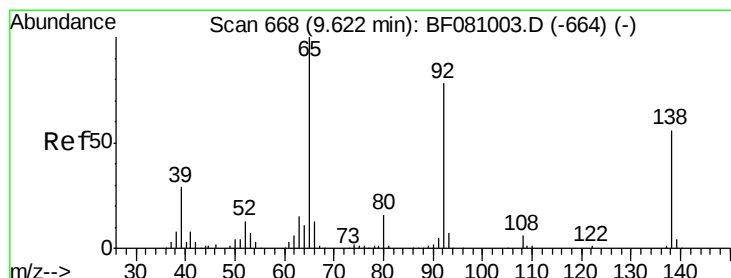
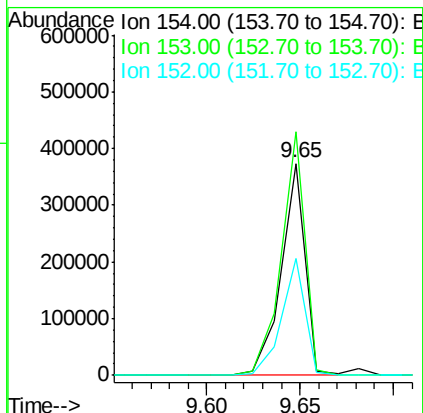
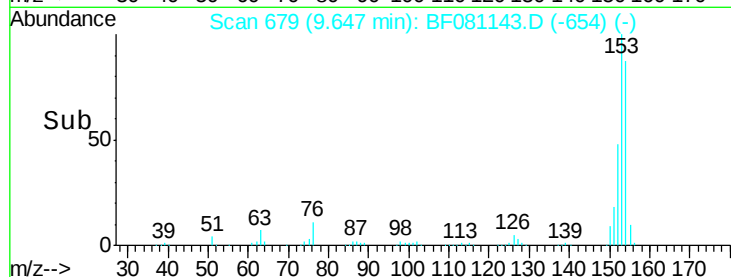
152 55.4 43.7 65.5



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: 42.30 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

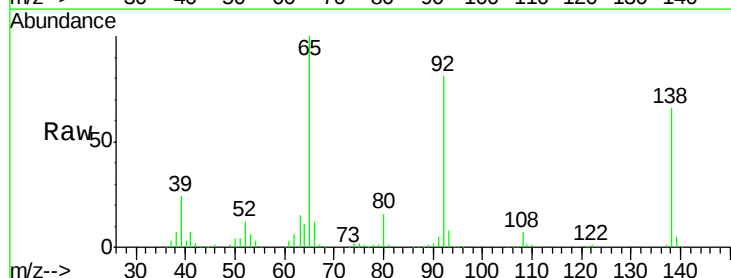
Tgt Ion:138 Resp: 115080

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.2

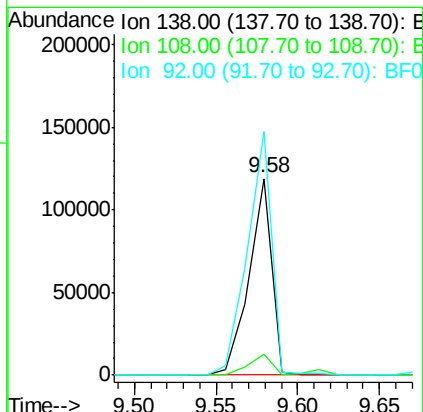
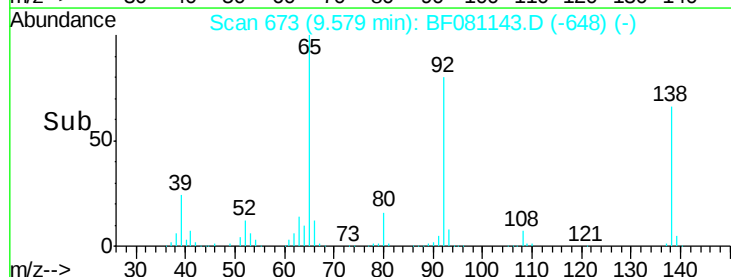
92 123.7 113.2 169.8



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

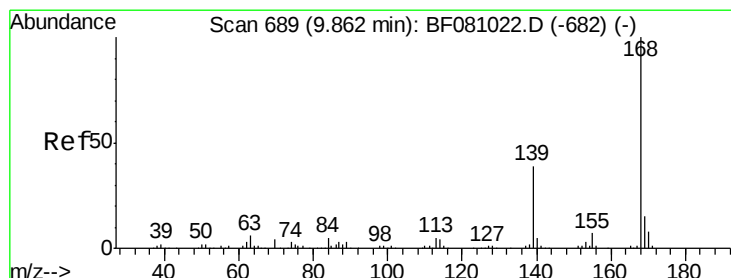
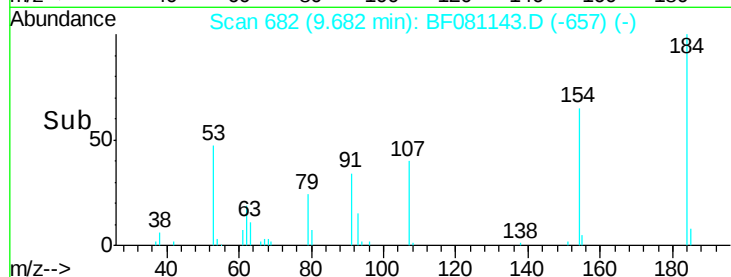
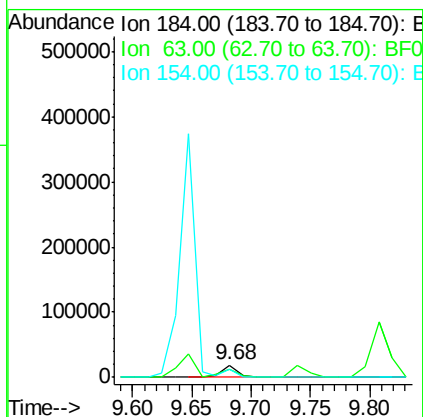
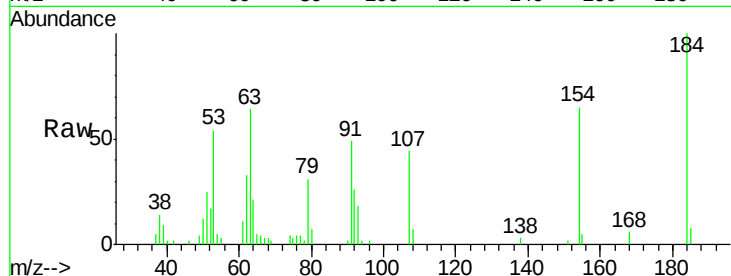




#53
2,4-Dinitrophenol
Concen: 19.94 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

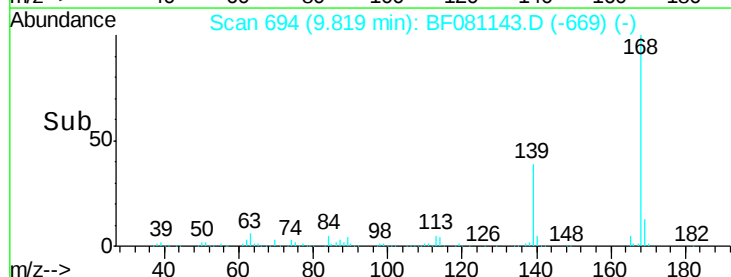
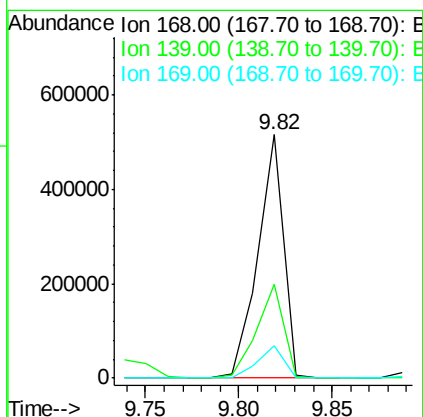
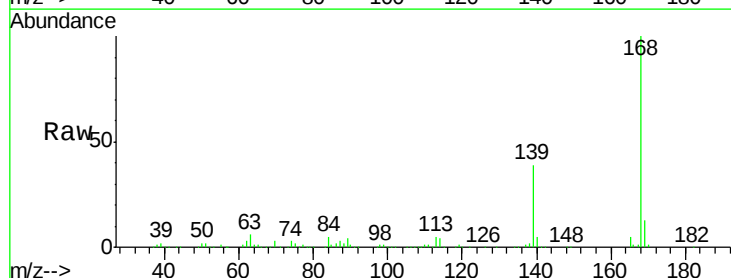
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

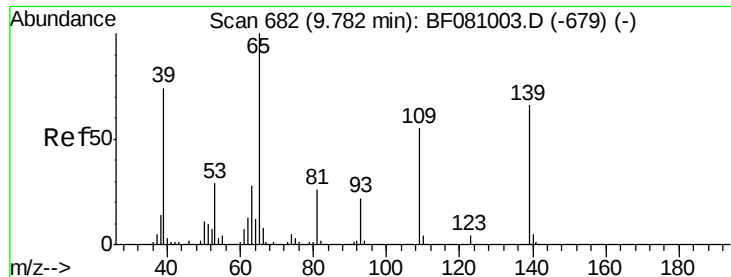
Tot Ion:184 Resp: 18419
Ion Ratio Lower Upper
184 100
63 64.2 101.7 152.5#
154 65.5 67.4 101.0#



#54
Dibenzofuran
Concen: 39.14 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Tgt Ion:168 Resp: 488709
Ion Ratio Lower Upper
168 100
139 38.6 29.3 43.9
169 13.3 10.3 15.5





#55

4-Nitrophenol

Concen: 27.25 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

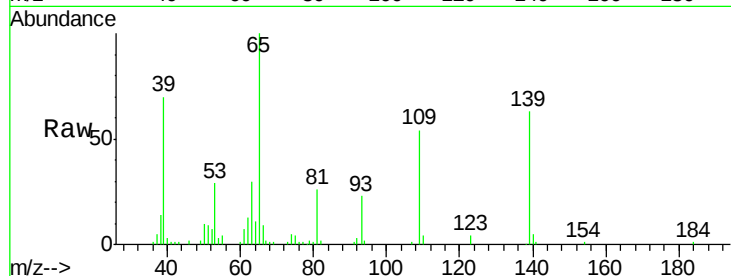
Tot Ion:139 Resp: 52069

Ion Ratio Lower Upper

139 100

109 85.3 80.0 120.0

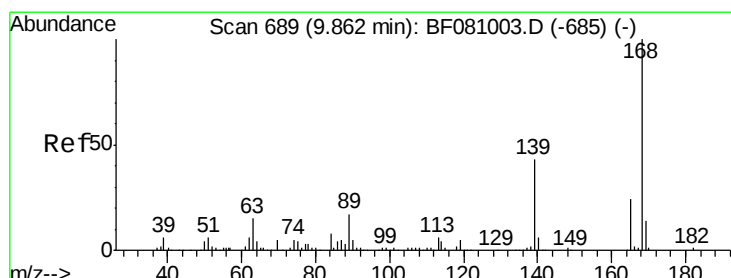
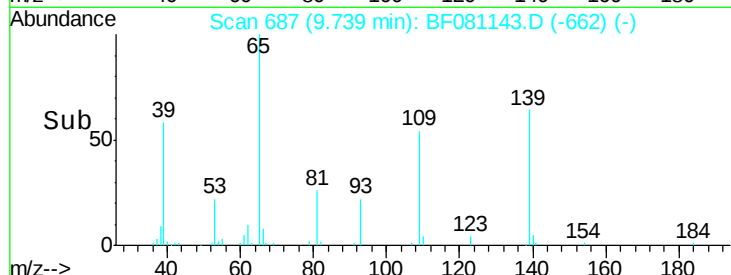
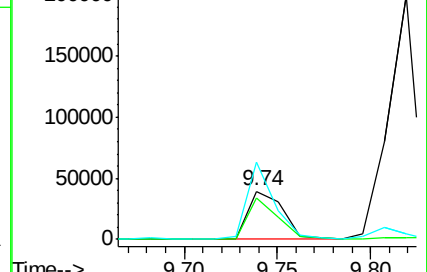
65 159.1 138.3 178.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 33.29 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Tgt Ion:165 Resp: 95925

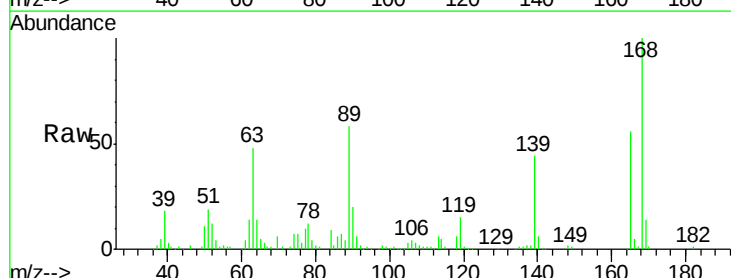
Ion Ratio Lower Upper

165 100

63 85.8 52.2 78.4#

89 104.4 60.1 90.1#

182 1.9 1.8 2.6

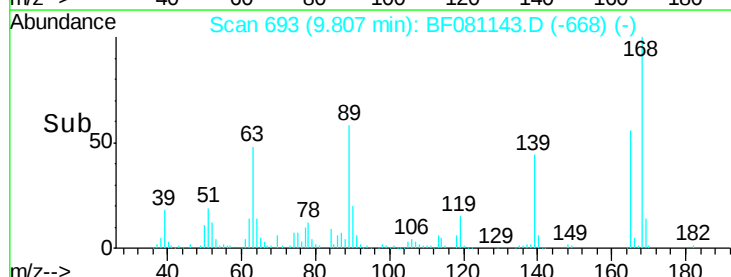
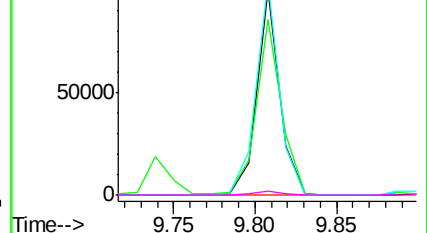


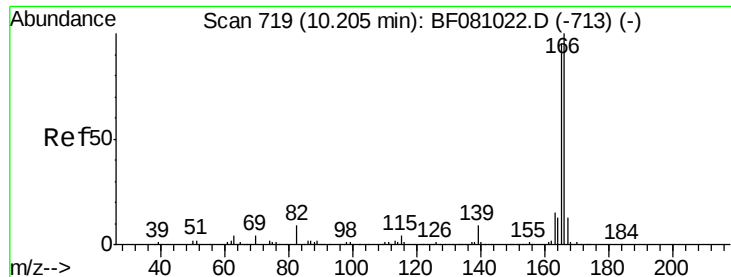
Abundance Ion 165.00 (164.70 to 165.70): E

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

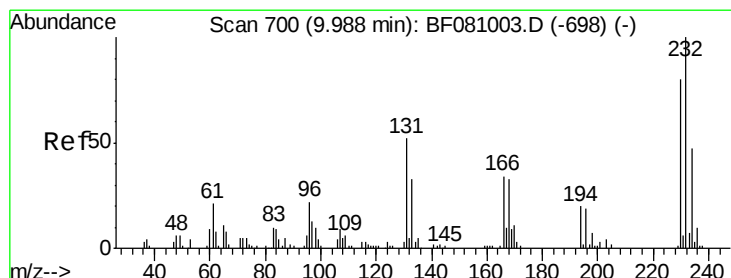
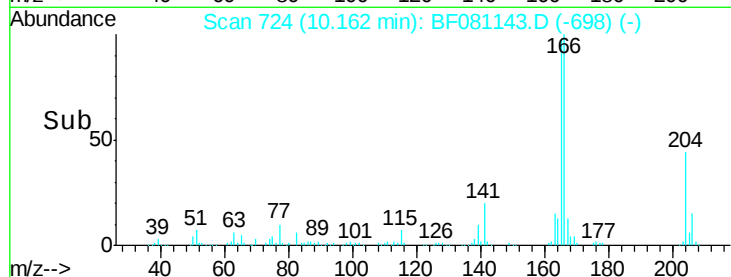
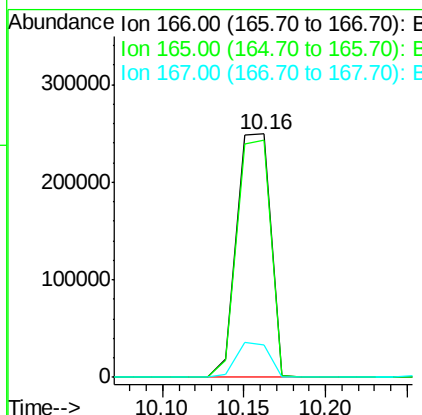
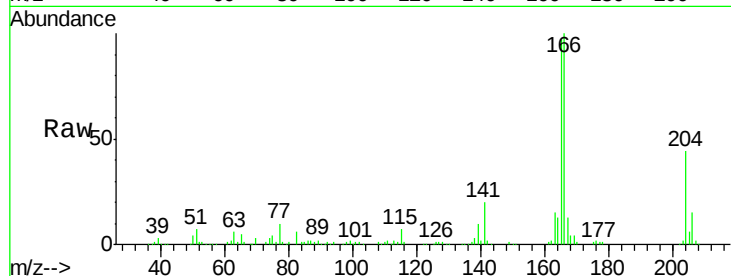




#57
 Fluorene
 Concen: 36.99 ng
 RT: 10.16 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

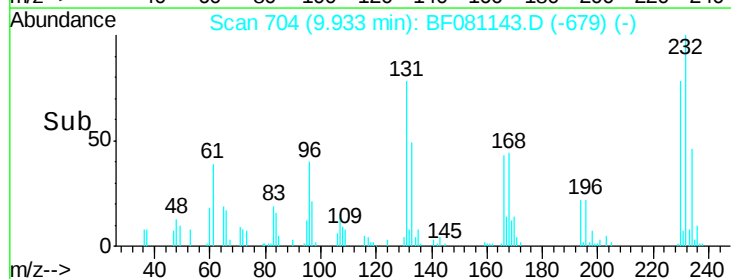
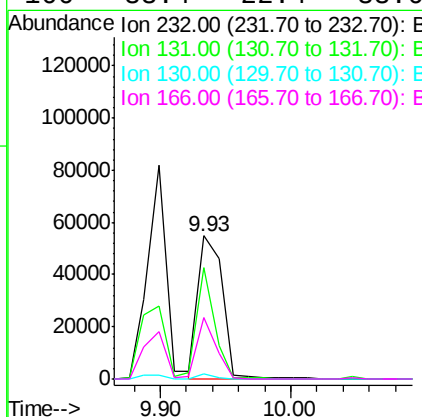
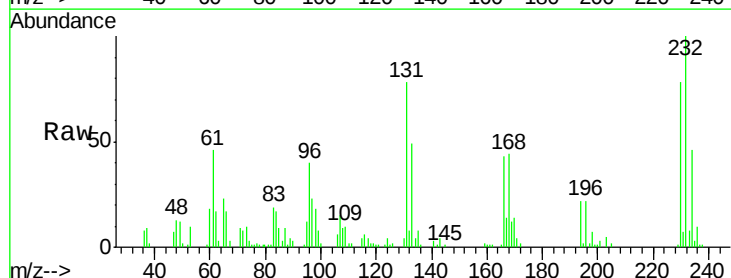
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

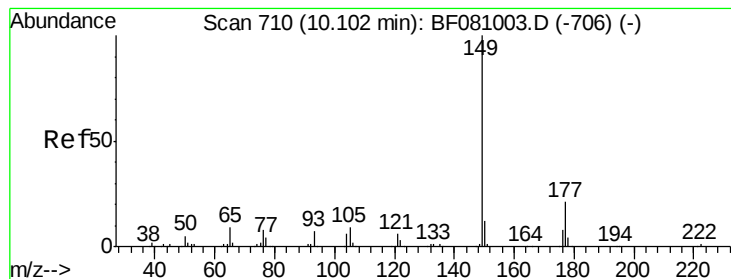
Tot Ion:166 Resp: 355262
 Ion Ratio Lower Upper
 166 100
 165 97.5 75.8 113.8
 167 13.3 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.14 ng
 RT: 9.93 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Tgt Ion:232 Resp: 71848
 Ion Ratio Lower Upper
 232 100
 131 56.6 42.2 63.4
 130 2.6 2.1 3.1
 166 33.4 22.4 33.6





#59

Diethylphthalate

Concen: 36.65 ng

RT: 10.05 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

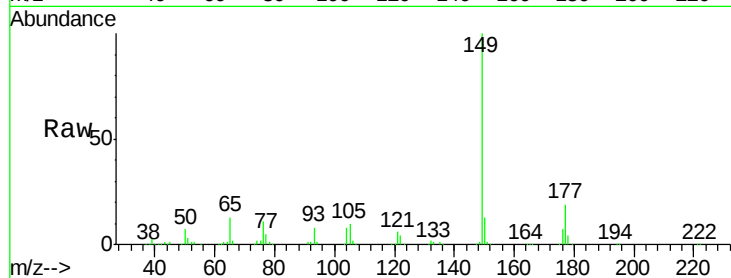
Tot Ion:149 Resp: 392773

Ion Ratio Lower Upper

149 100

177 19.2 14.1 21.1

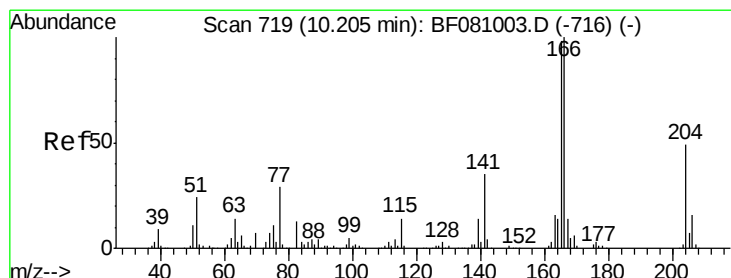
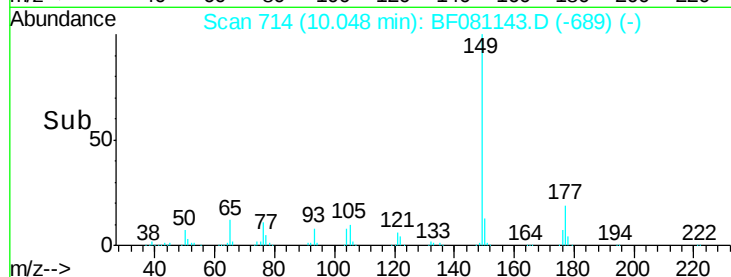
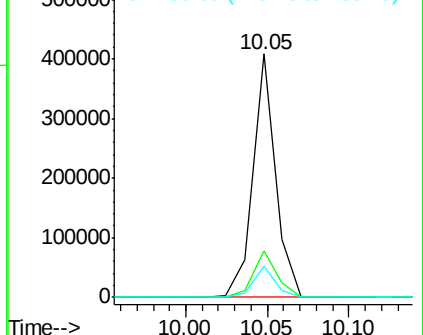
150 13.0 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.79 ng

RT: 10.15 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

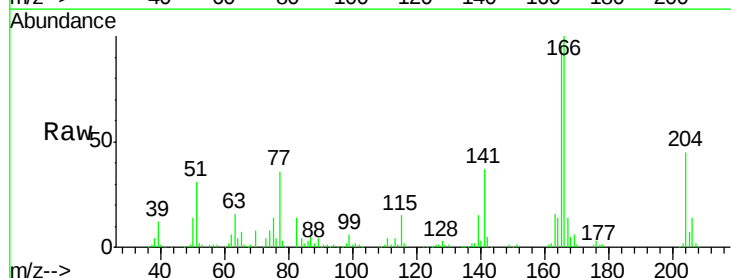
Tgt Ion:204 Resp: 153589

Ion Ratio Lower Upper

204 100

206 31.6 26.2 39.2

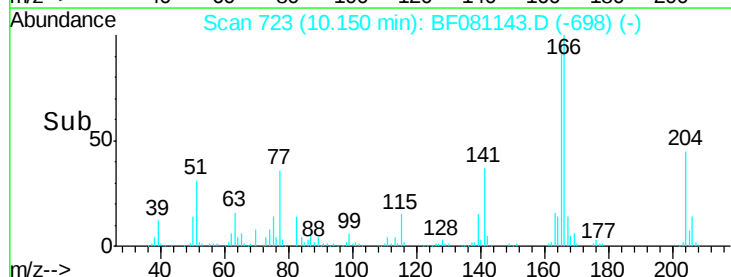
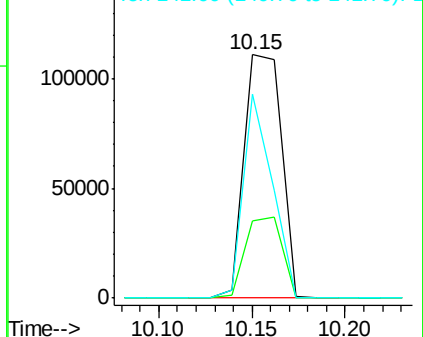
141 83.6 59.6 89.4

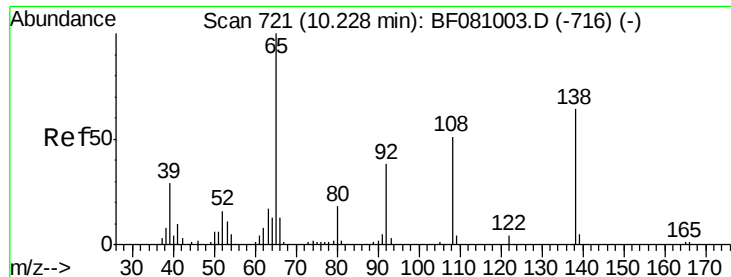


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

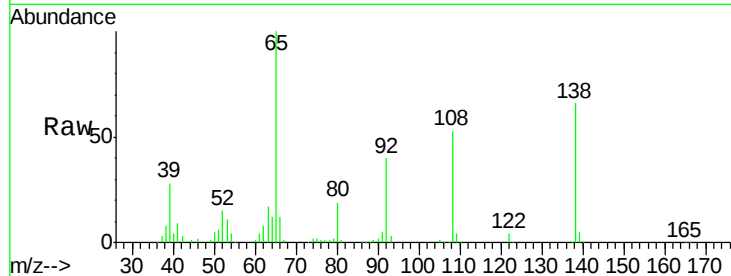




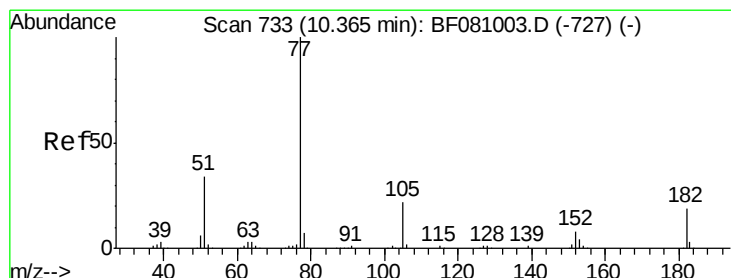
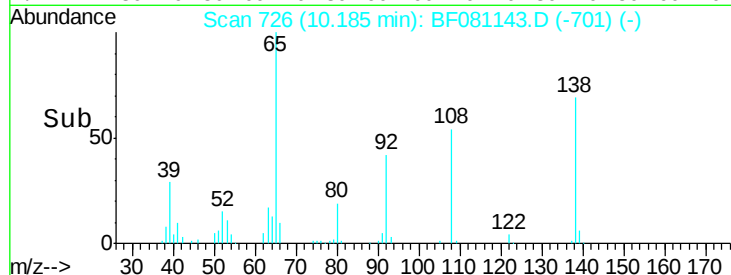
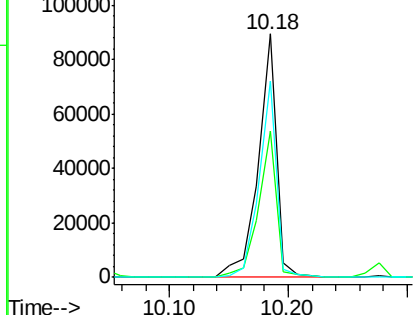
#61
4-Nitroaniline
Concen: 34.69 ng
RT: 10.18 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 96471
Ion Ratio Lower Upper
138 100
92 60.3 34.7 74.7
108 80.6 68.9 108.9

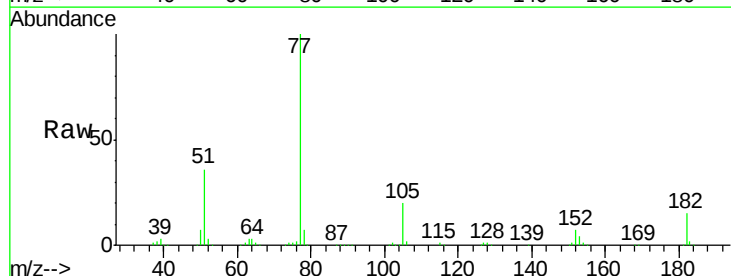


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

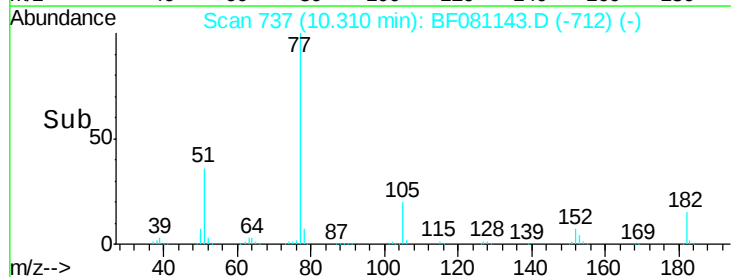
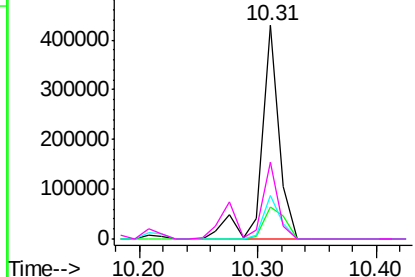


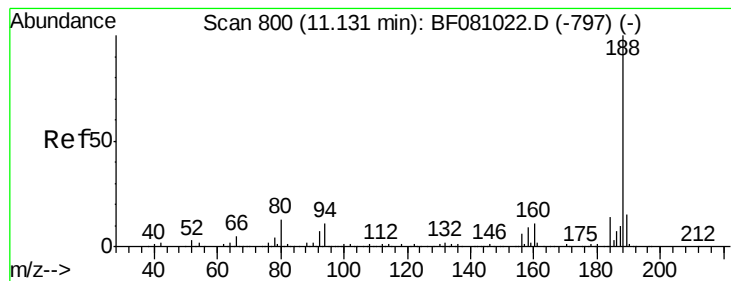
#62
Azobenzene
Concen: 35.81 ng
RT: 10.31 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Tgt Ion: 77 Resp: 442273
Ion Ratio Lower Upper
77 100
182 15.2 0.0 39.0
105 20.3 0.2 40.2
51 35.8 18.0 58.0



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

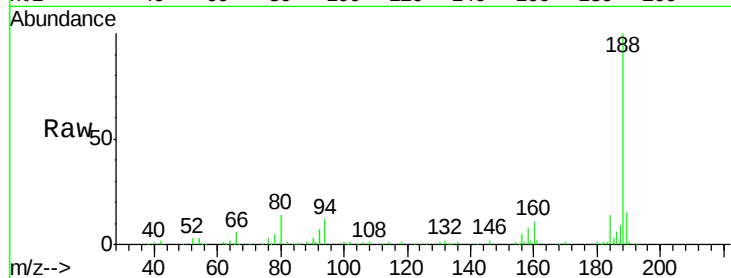
Tot Ion:188 Resp: 226923

Ion Ratio Lower Upper

188 100

94 11.8 8.2 12.2

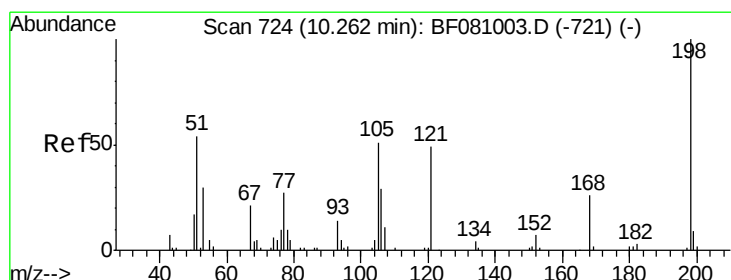
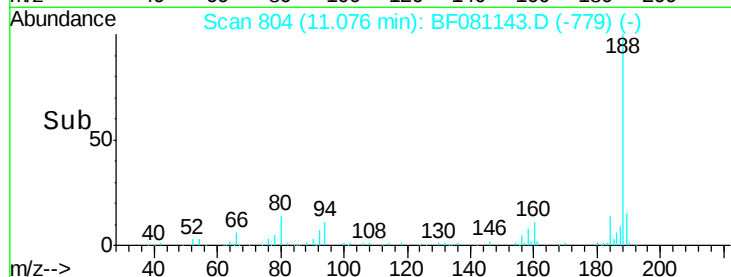
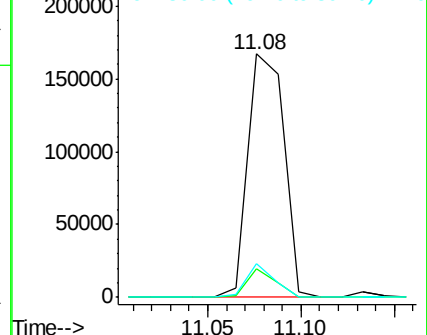
80 13.8 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 23.46 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

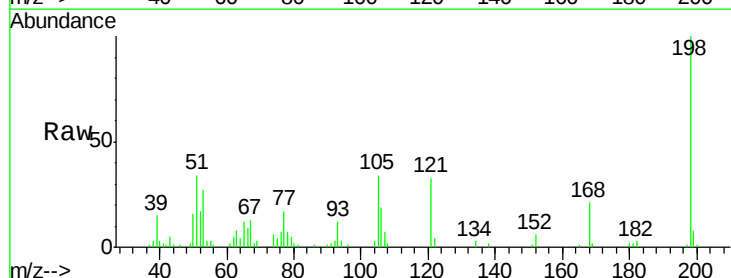
Tgt Ion:198 Resp: 31793

Ion Ratio Lower Upper

198 100

51 34.0 79.7 119.7#

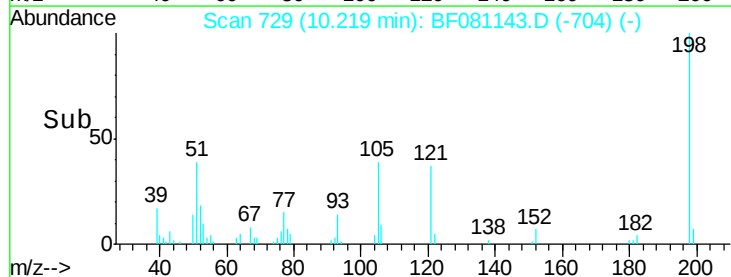
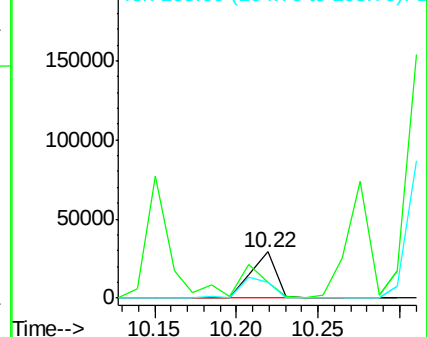
105 33.7 47.0 87.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

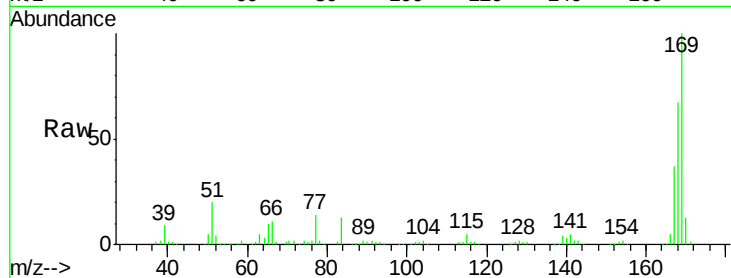




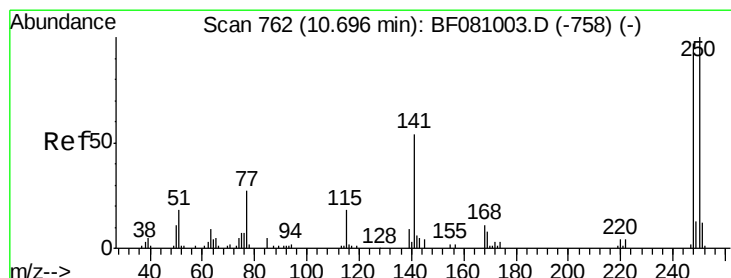
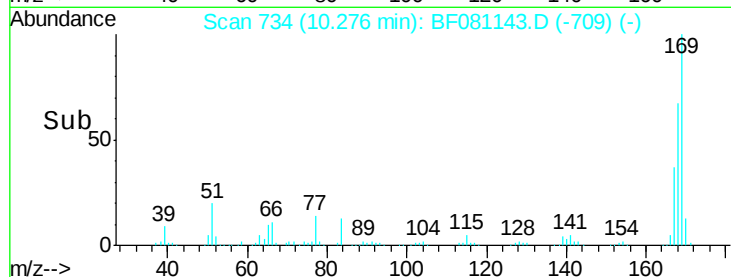
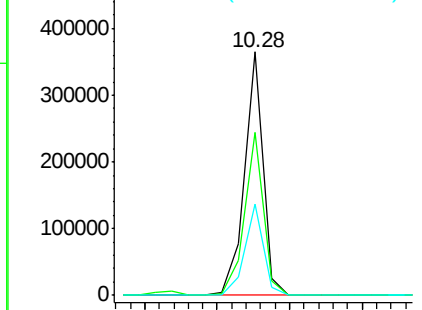
#65
 n-Nitrosodiphenylamine
 Concen: 39.89 ng
 RT: 10.28 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	55.3	82.9
167	37.3	30.8	46.2

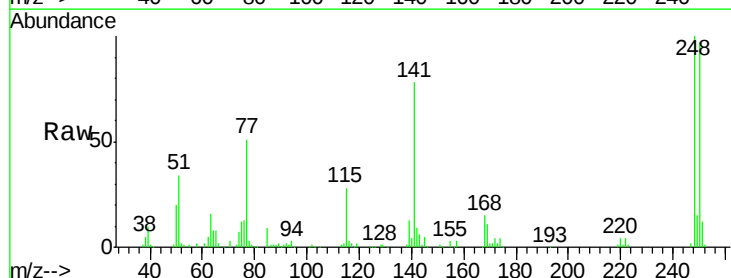


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

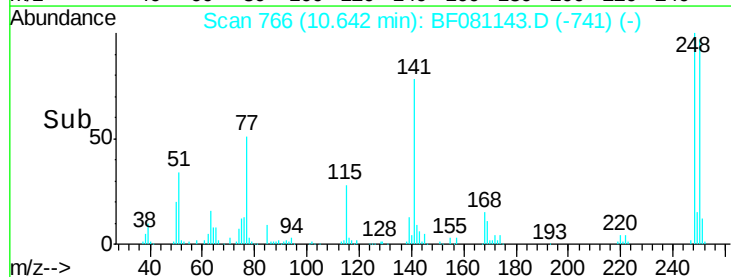
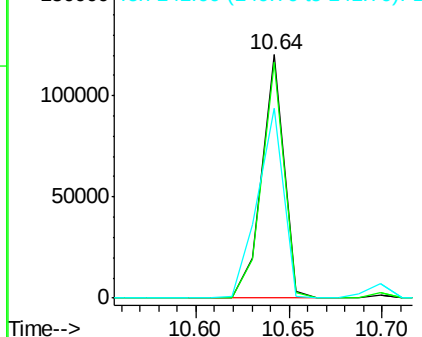


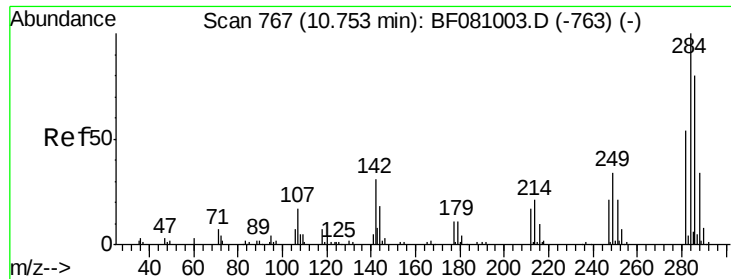
#66
 4-Bromophenyl-phenylether
 Concen: 44.33 ng
 RT: 10.64 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

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



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

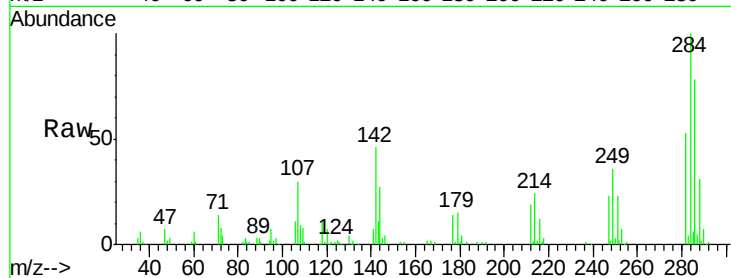




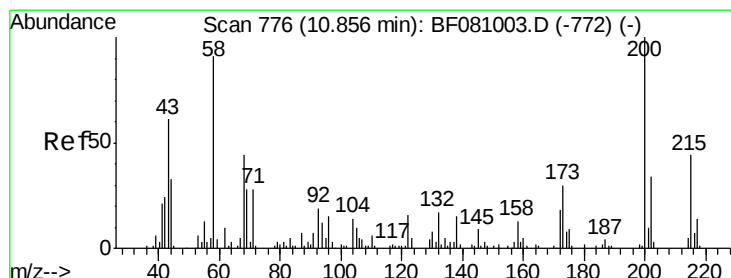
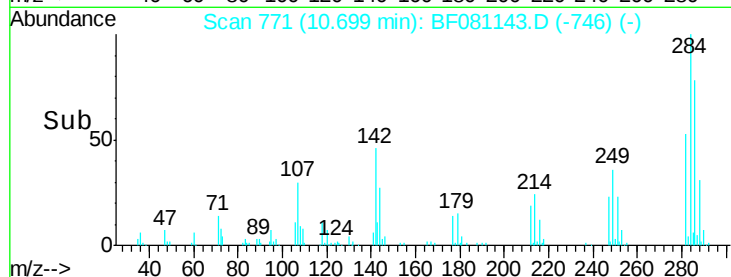
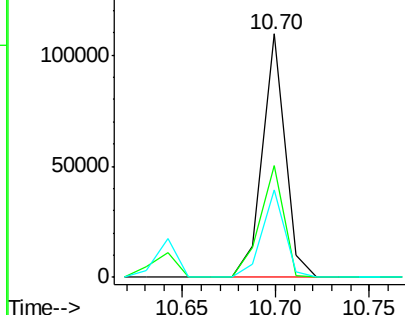
#67
Hexachlorobenzene
Concen: 40.69 ng
RT: 10.70 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 91873
Ion Ratio Lower Upper
284 100
142 46.2 25.4 38.0#
249 36.0 28.5 42.7

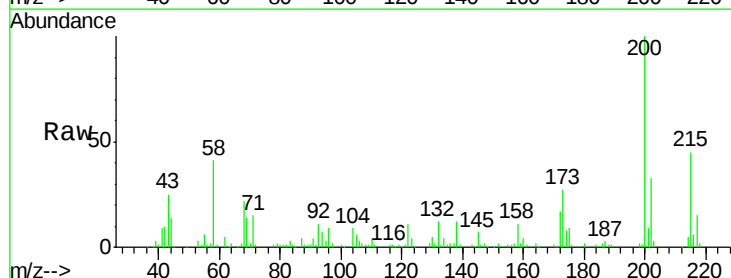


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

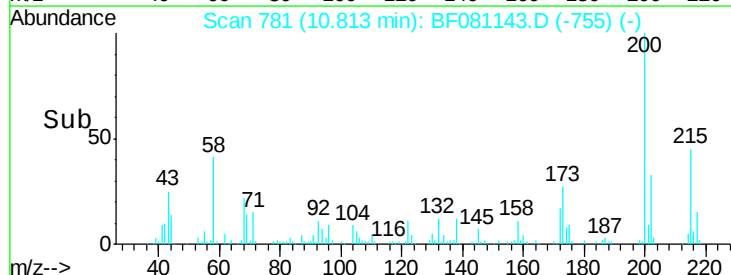
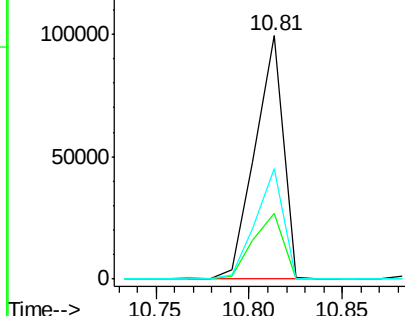


#68
Atrazine
Concen: 46.08 ng
RT: 10.81 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Tgt Ion:200 Resp: 104002
Ion Ratio Lower Upper
200 100
173 26.8 8.1 48.1
215 45.4 23.3 63.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

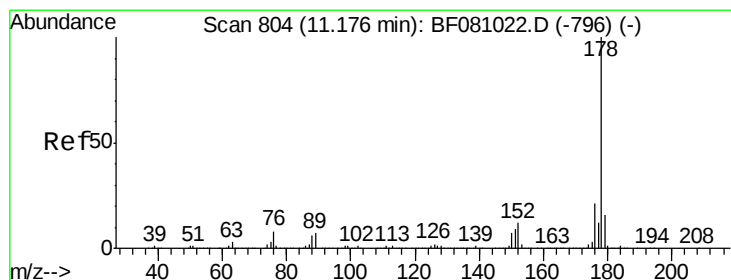
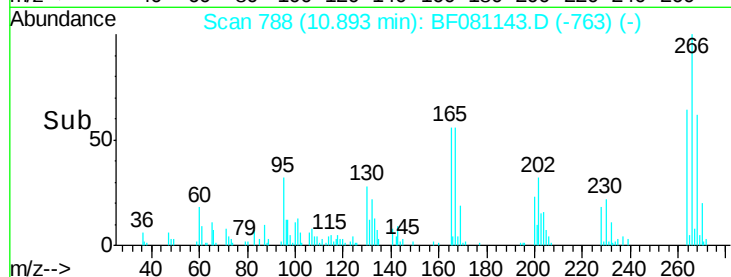
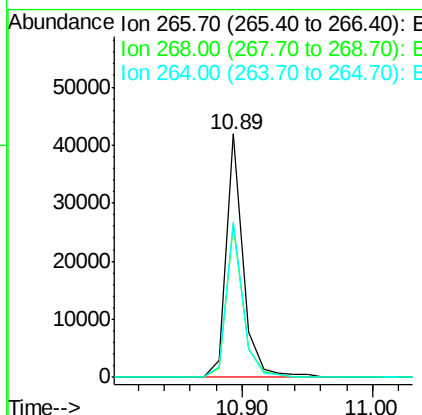
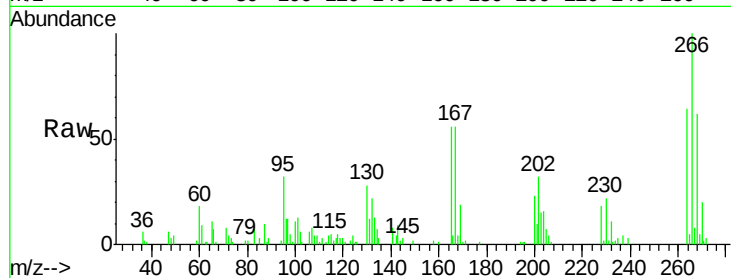




#69
 Pentachlorophenol
 Concen: 28.22 ng
 RT: 10.89 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

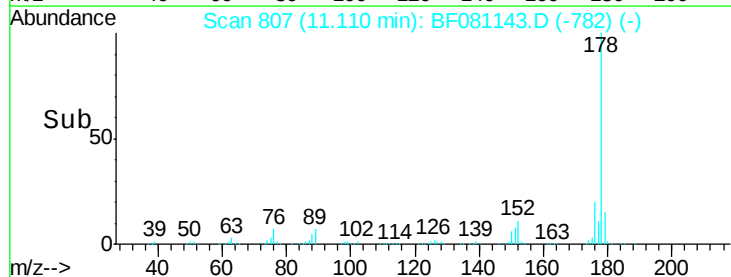
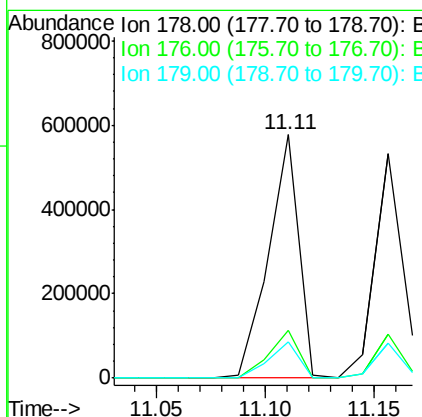
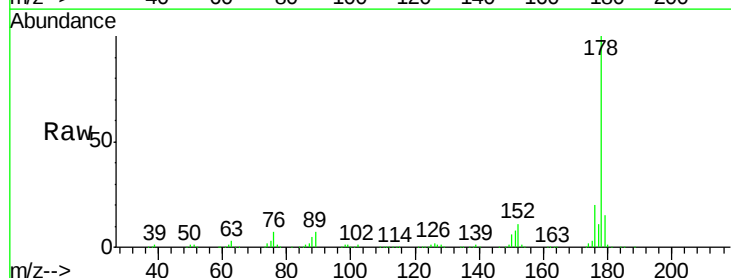
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 38222
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.2 76.8
 264 64.0 50.6 75.8



#70
 Phenanthrene
 Concen: 41.88 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Tgt Ion:178 Resp: 563211
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 15.1 12.2 18.2





#71

Anthracene

Concen: 36.33 ng

RT: 11.16 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

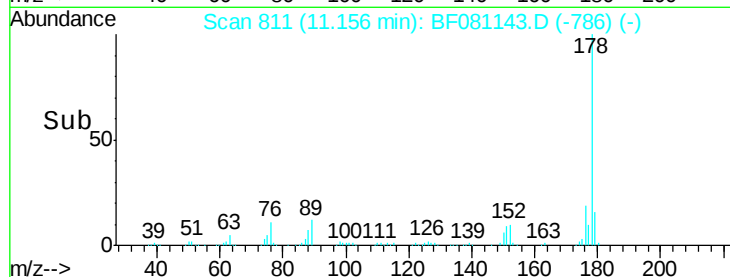
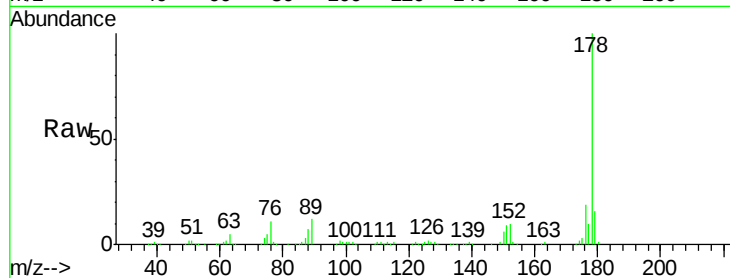
Tot Ion:178 Resp: 475476

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

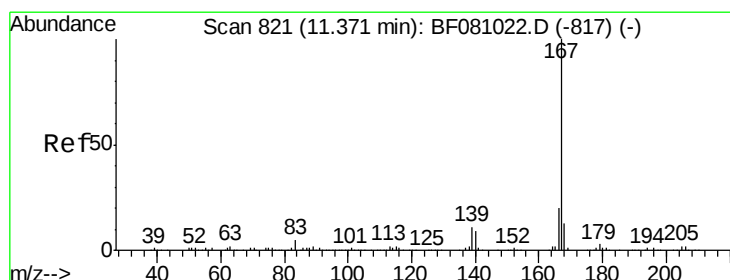
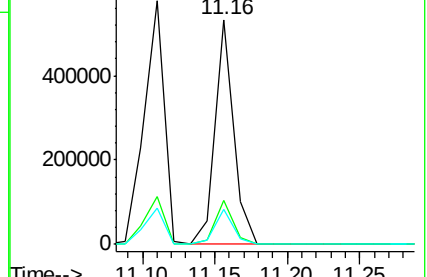
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.53 ng

RT: 11.32 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

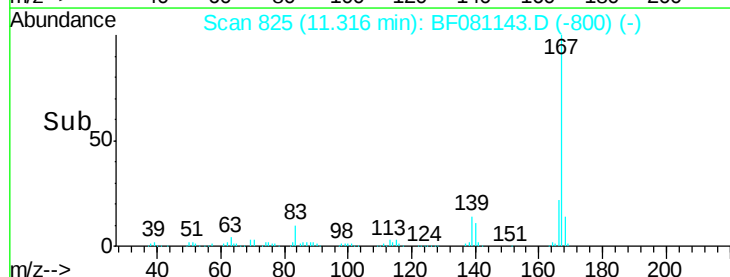
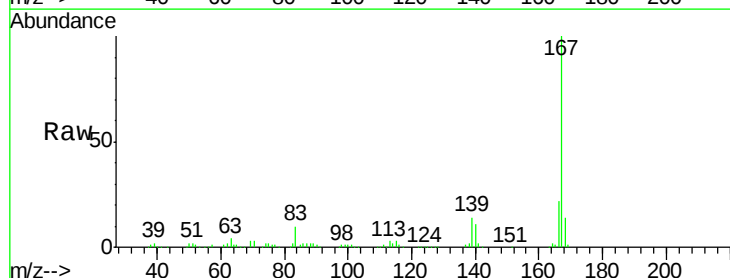
Tgt Ion:167 Resp: 460315

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

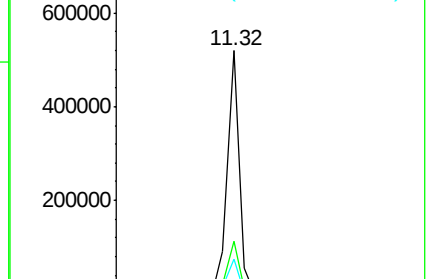
139 14.5 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

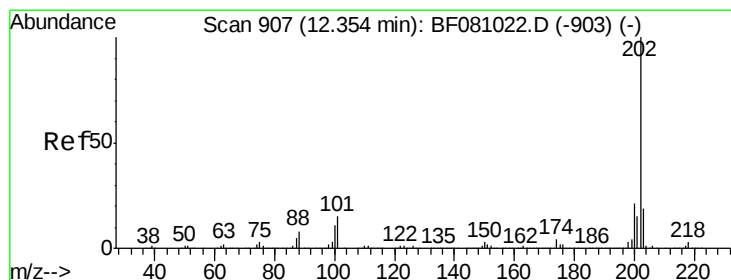
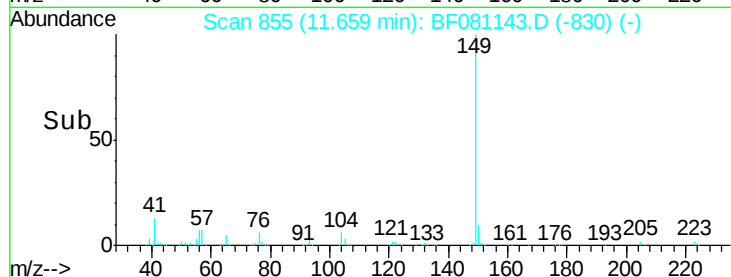
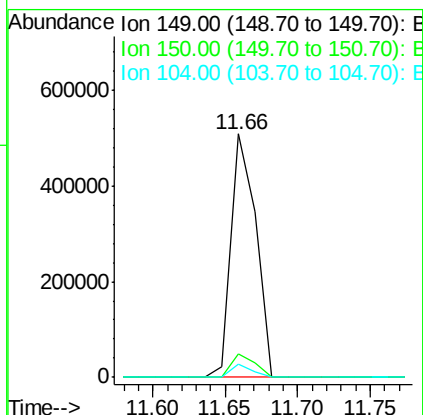
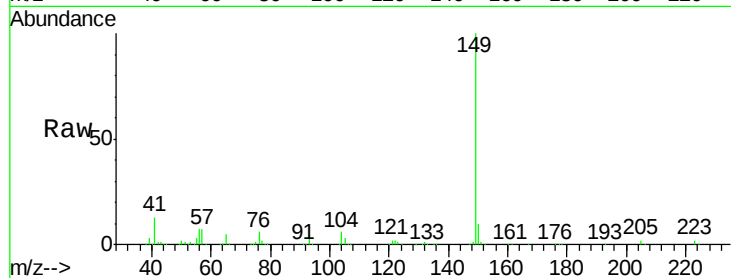




#73
Di-n-butylphthalate
Concen: 39.63 ng
RT: 11.66 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

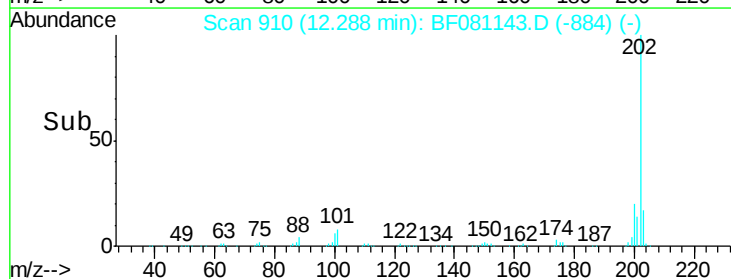
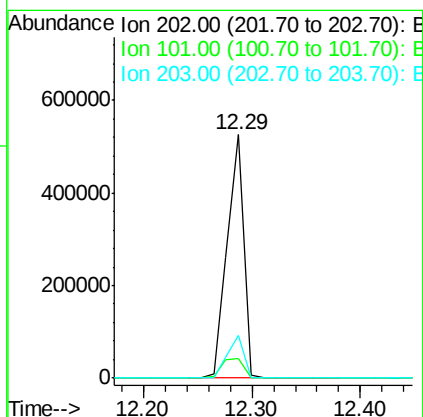
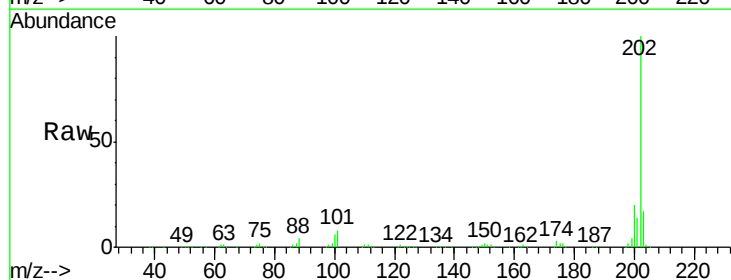
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

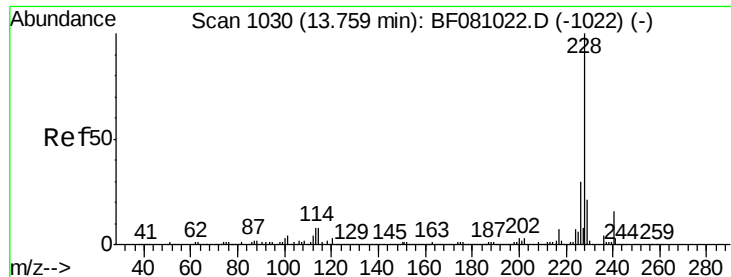
Tot Ion:149 Resp: 604207
Ion Ratio Lower Upper
149 100
150 9.5 7.1 10.7
104 5.7 3.9 5.9



#74
Fluoranthene
Concen: 38.15 ng
RT: 12.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Tgt Ion:202 Resp: 553603
Ion Ratio Lower Upper
202 100
101 7.8 0.0 24.8
203 17.5 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

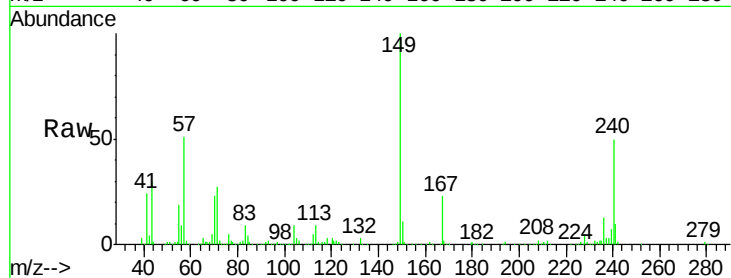
Tot Ion:240 Resp: 132910

Ion Ratio Lower Upper

240 100

120 5.7 5.6 8.4

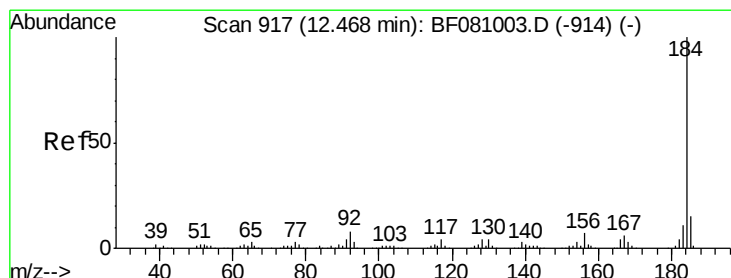
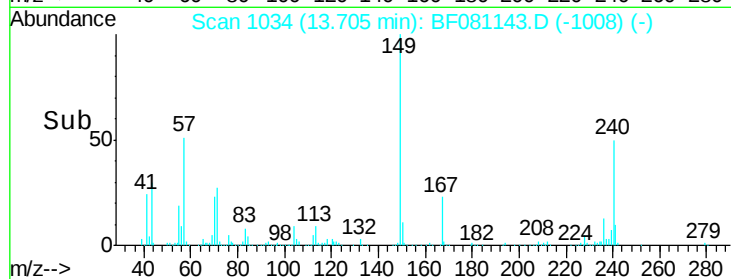
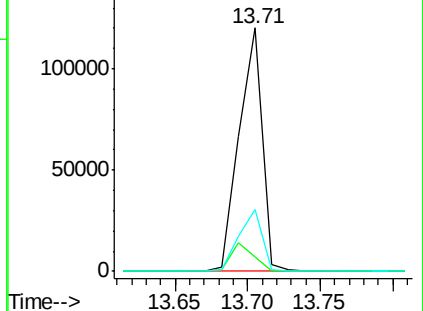
236 25.6 20.6 30.8



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: 39.58 ng

RT: 12.41 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

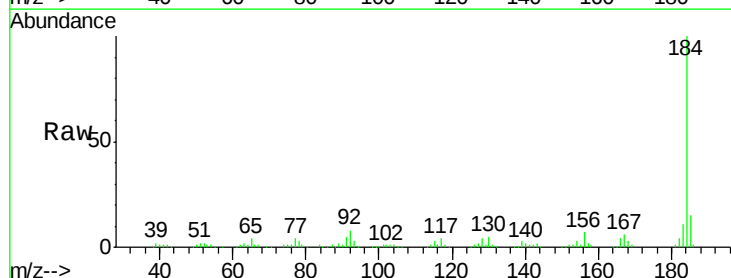
Tgt Ion:184 Resp: 198707

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

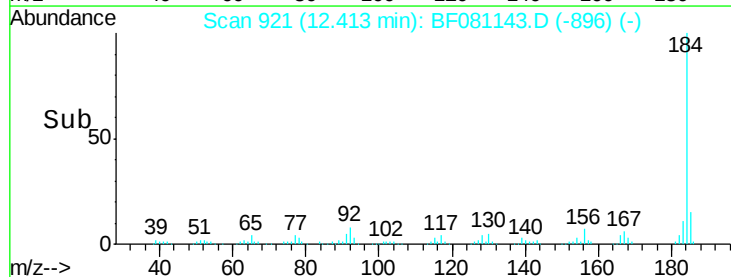
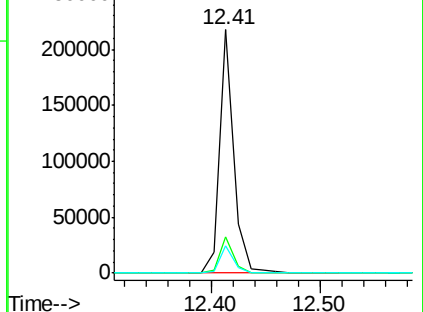
183 11.0 8.9 13.3

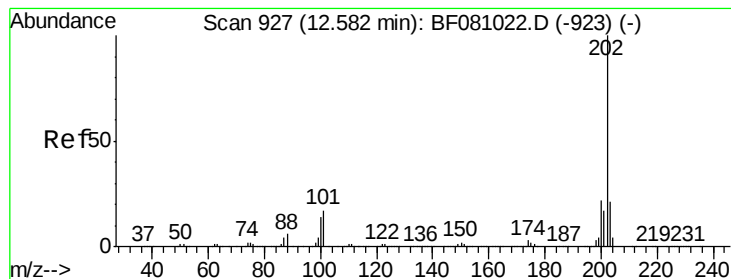


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.05 ng

RT: 12.50 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

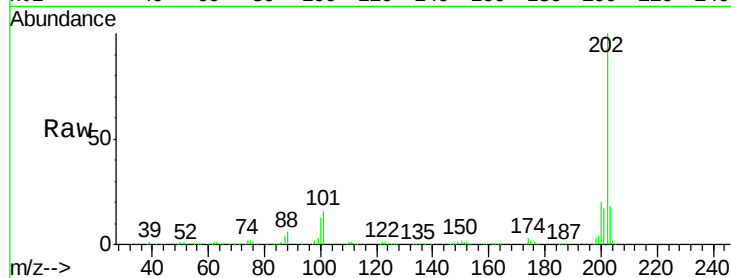
Tot Ion:202 Resp: 497600

Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

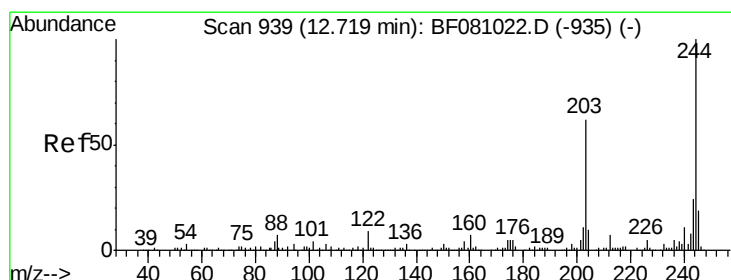
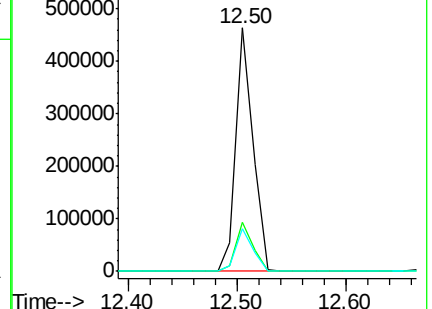
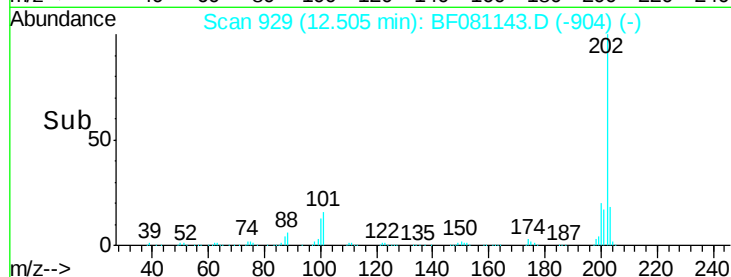
203 17.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.36 ng

RT: 12.66 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

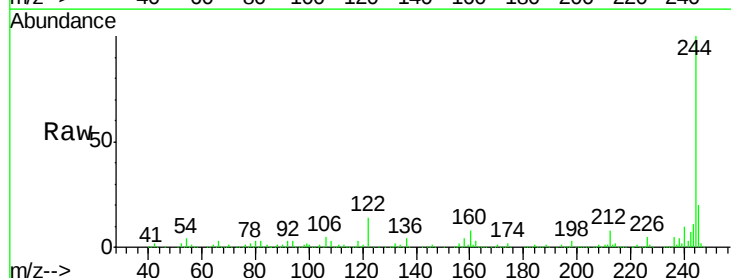
Tgt Ion:244 Resp: 585015

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

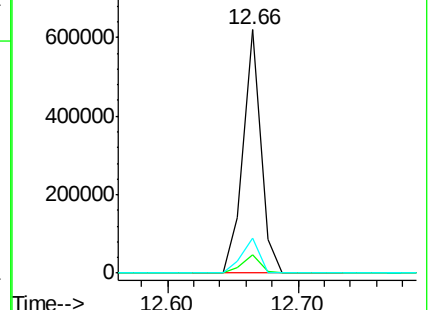
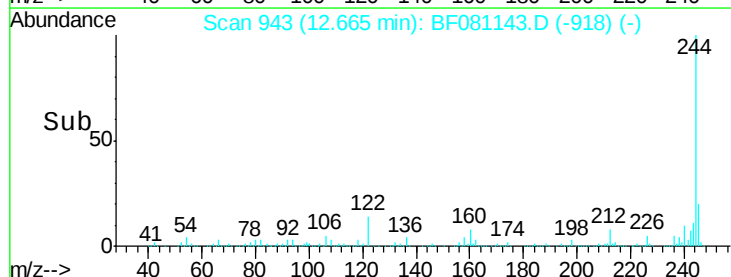
122 14.3 8.2 12.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

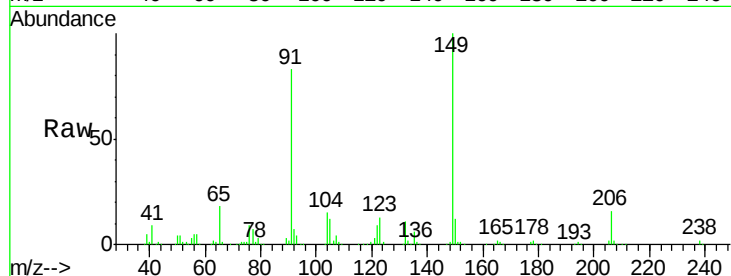




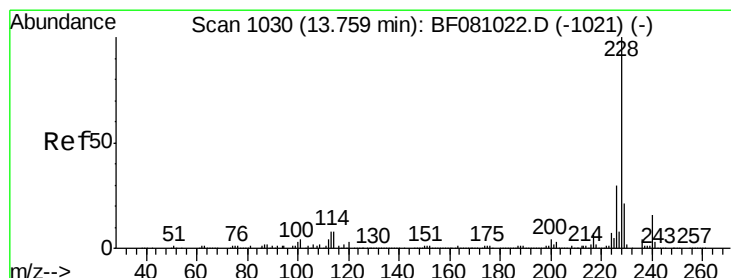
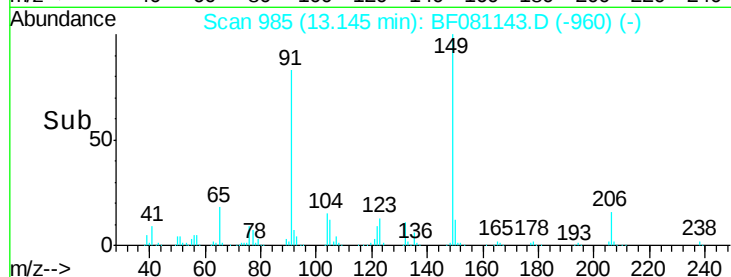
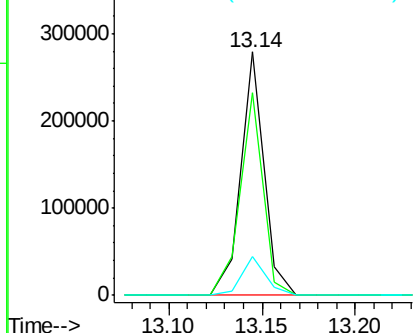
#79
Butylbenzylphthalate
Concen: 52.49 ng
RT: 13.14 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 243788
Ion Ratio Lower Upper
149 100
91 83.2 46.9 70.3#
206 16.1 17.0 25.4#

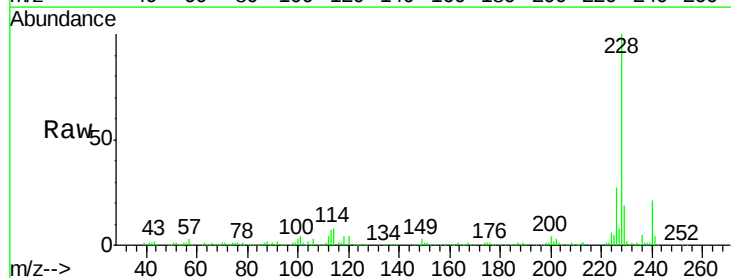


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

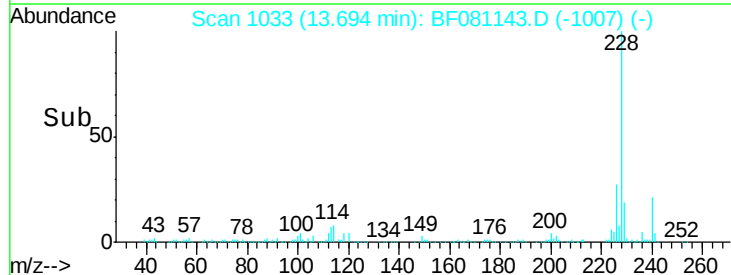
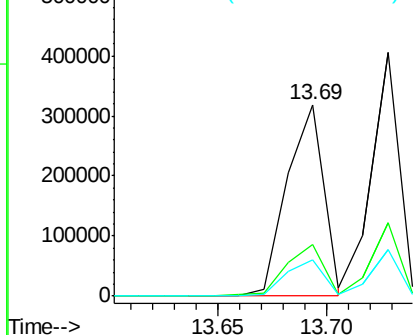


#80
Benzo(a)anthracene
Concen: 42.30 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Tgt Ion:228 Resp: 377051
Ion Ratio Lower Upper
228 100
226 26.7 22.3 33.5
229 19.1 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

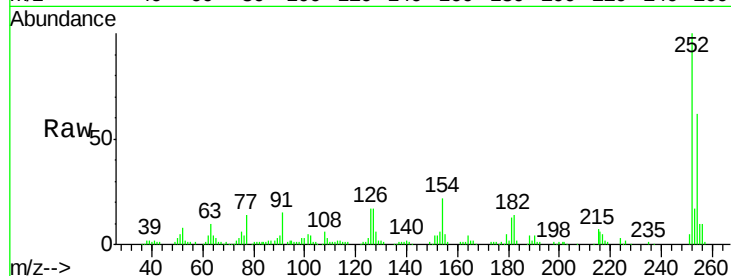




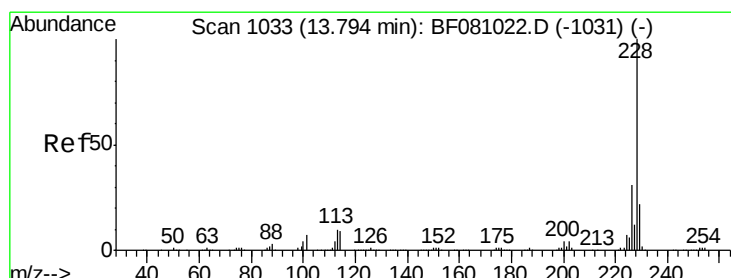
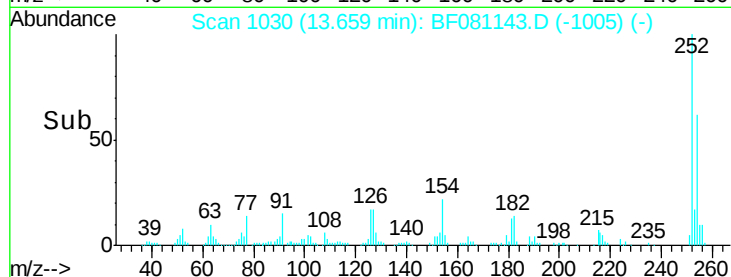
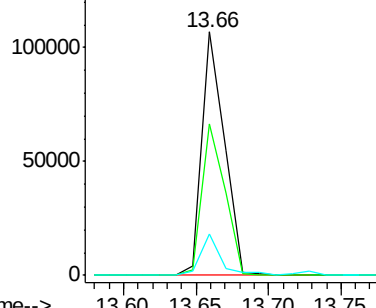
#81
 3,3'-Dichlorobenzidine
 Concen: 39.86 ng
 RT: 13.66 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.1	51.5	77.3
126	17.2	12.5	18.7

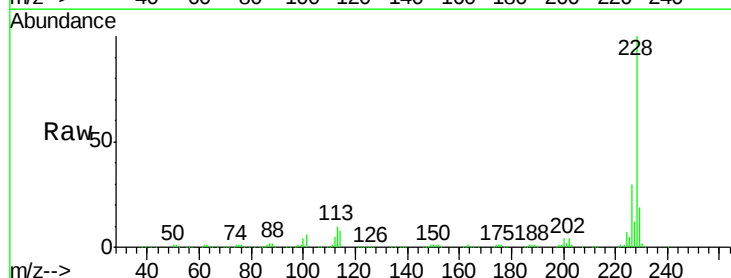


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

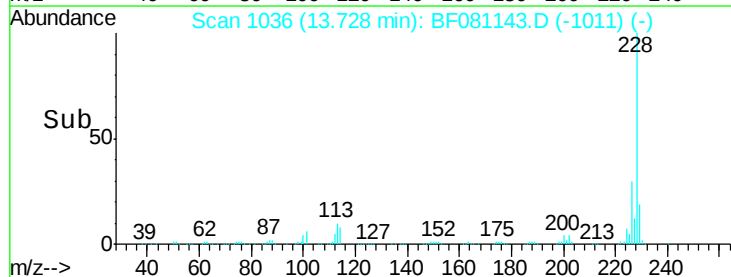
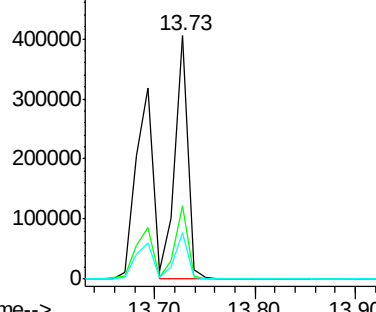


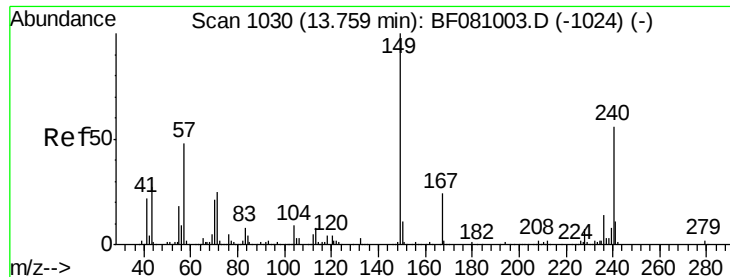
#82
 Chrysene
 Concen: 45.15 ng
 RT: 13.73 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	19.3	16.0	24.0



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

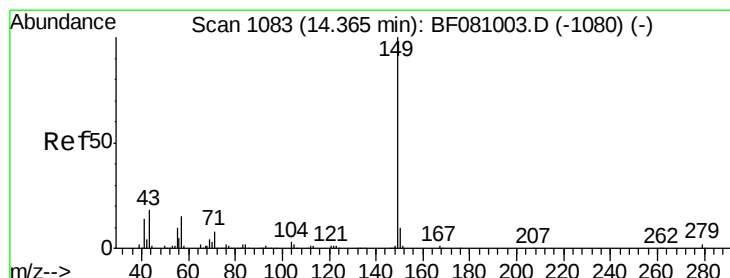
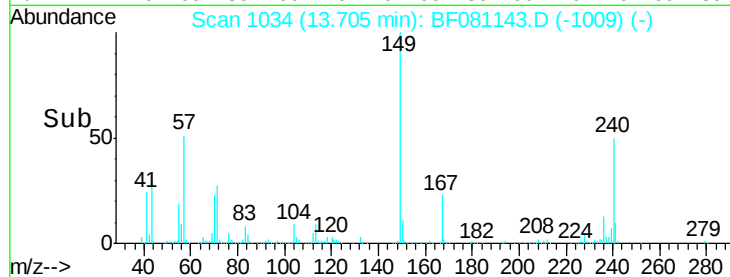
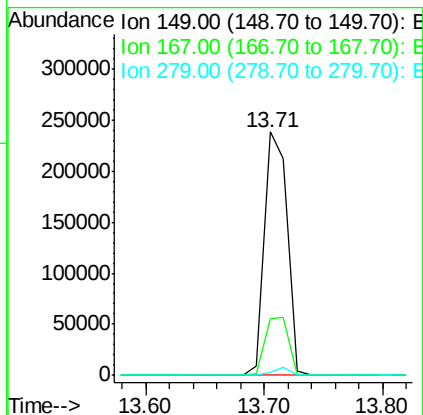
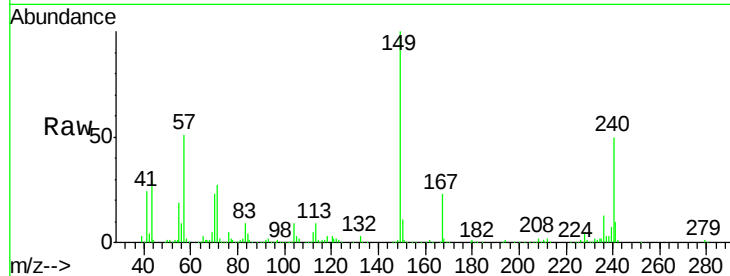




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.77 ng
 RT: 13.71 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

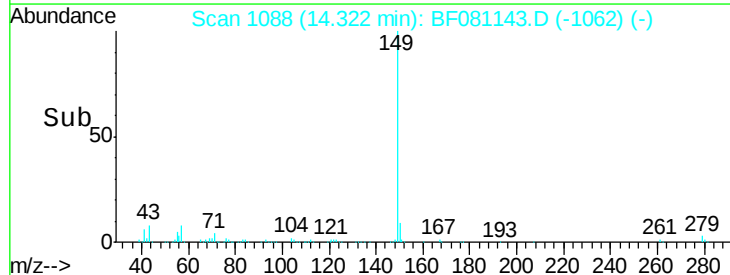
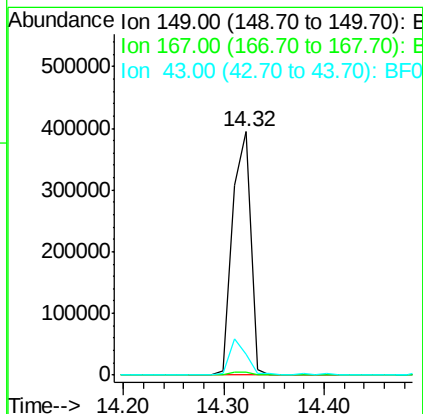
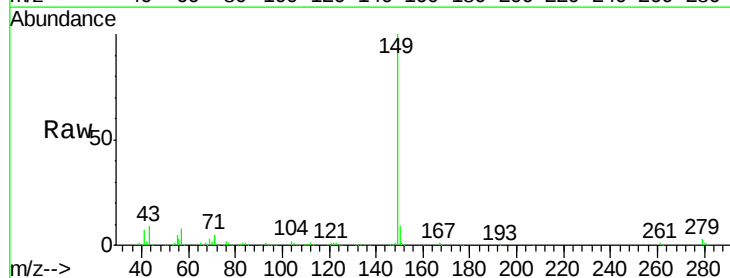
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:149 Resp: 319899
 Ion Ratio Lower Upper
 149 100
 167 23.4 20.7 31.1
 279 1.5 2.2 3.4#



#84
 Di-n-octyl phthalate
 Concen: 54.83 ng
 RT: 14.32 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Tgt Ion:149 Resp: 495758
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 13.3 11.6 17.4

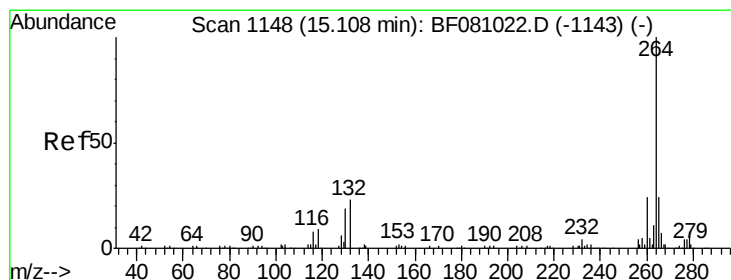
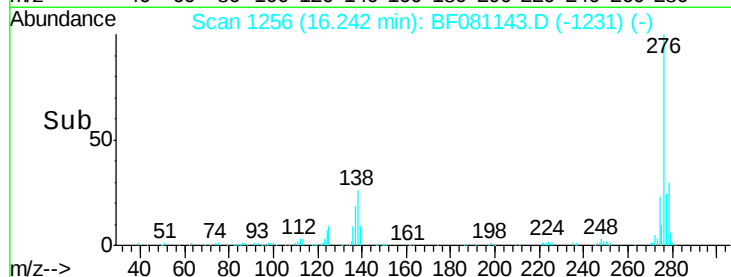
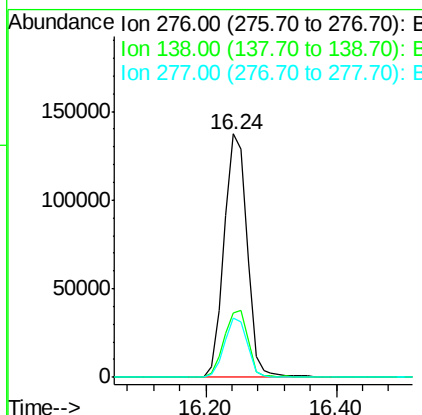
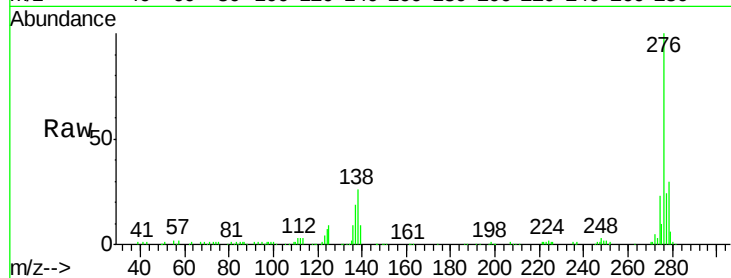




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.69 ng
 RT: 16.24 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

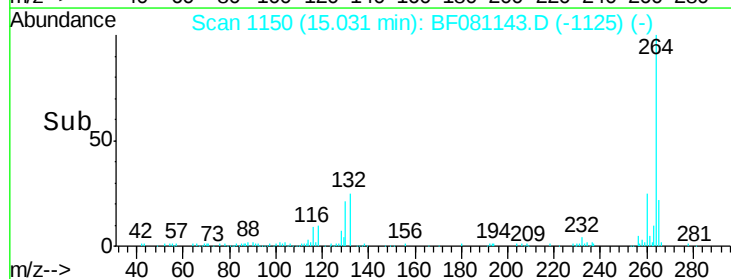
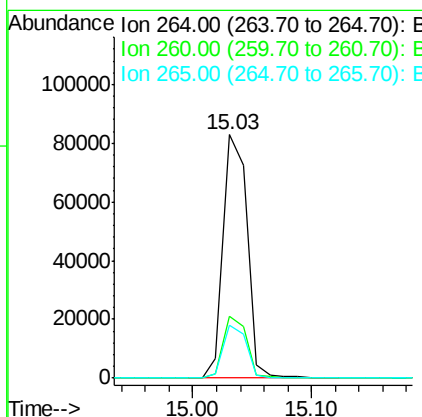
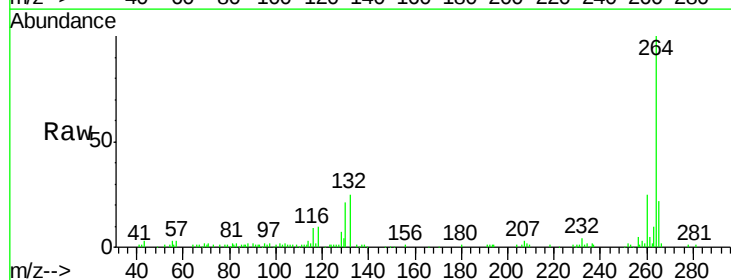
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

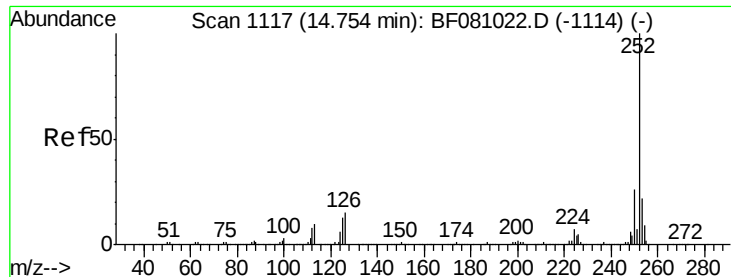
Tot Ion:276 Resp: 336623
 Ion Ratio Lower Upper
 276 100
 138 28.8 18.6 28.0#
 277 24.3 19.8 29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF081143.D
 Acq: 21 Aug 2015 1:06

Tgt Ion:264 Resp: 115704
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.6 29.4
 265 21.6 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 75.32 ng

RT: 14.71 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

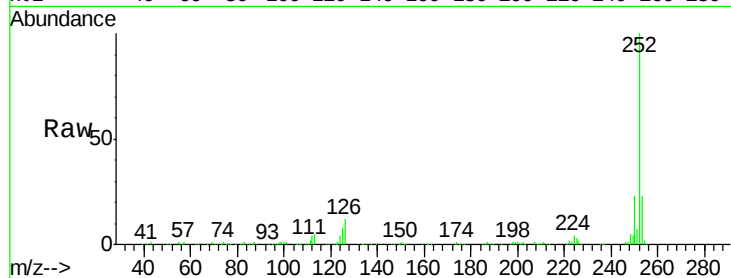
Tot Ion:252 Resp: 616458

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

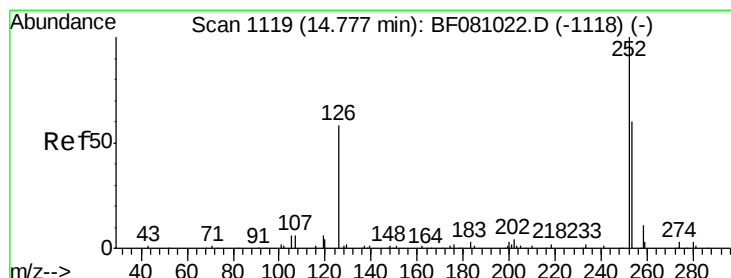
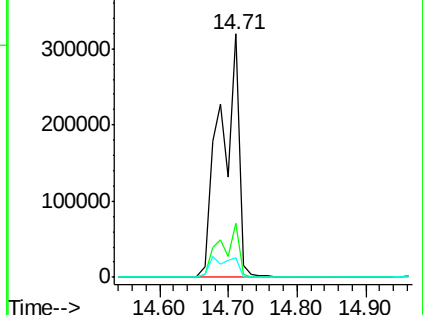
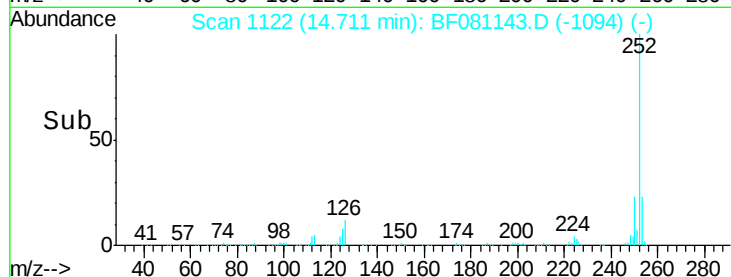
125 8.3 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 80.84 ng

RT: 14.71 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

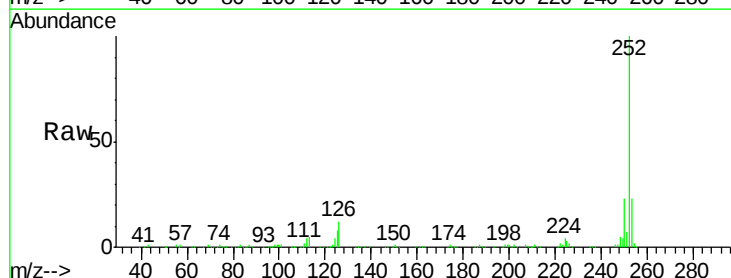
Tgt Ion:252 Resp: 616458

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

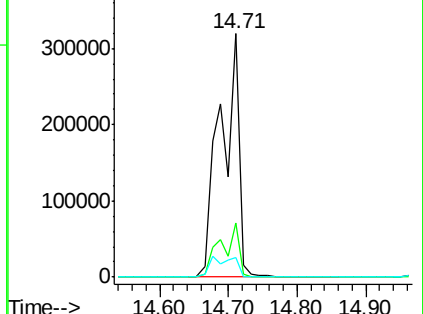
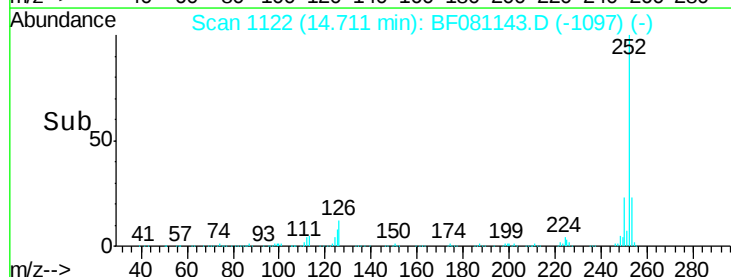
125 8.3 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

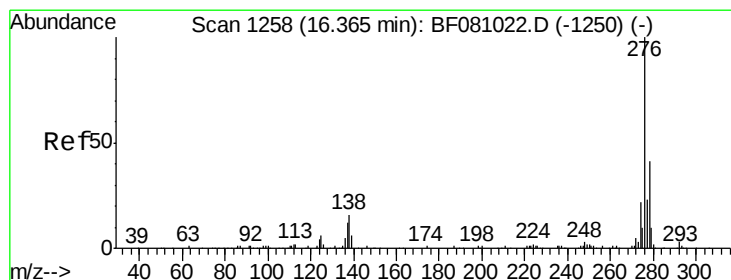
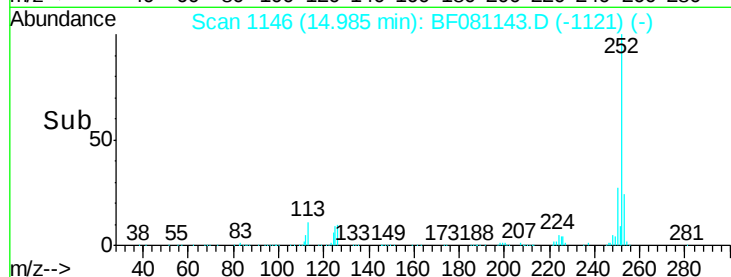
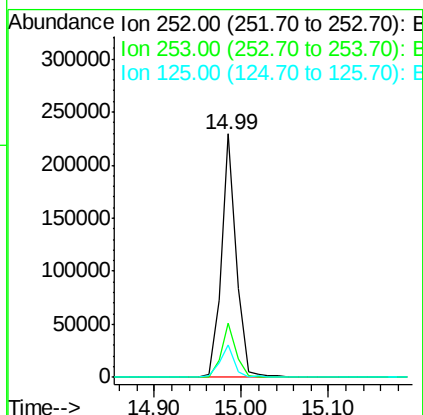
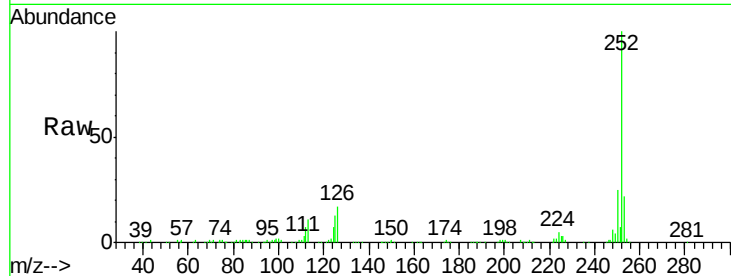




#89
Benzo(a)pyrene
Concen: 38.65 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

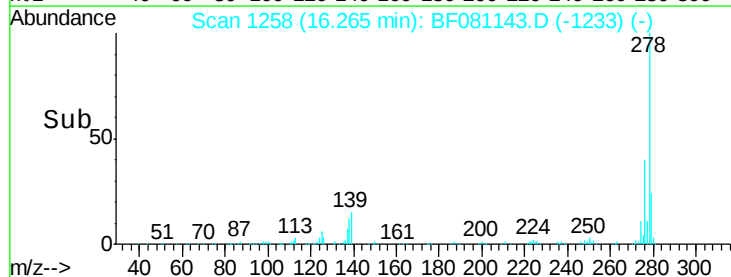
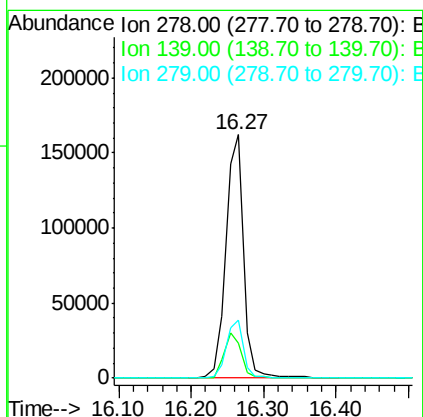
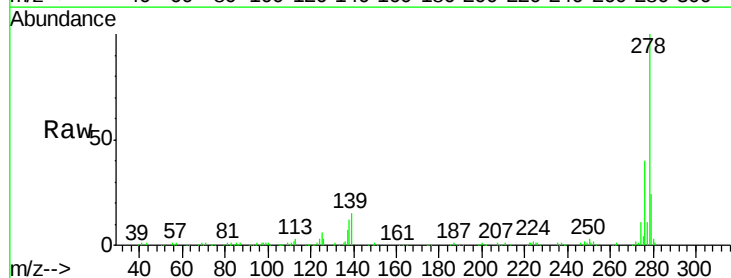
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

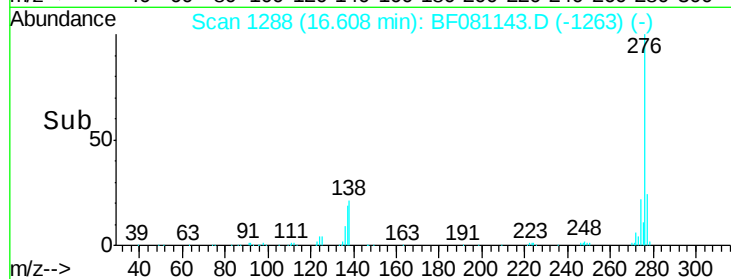
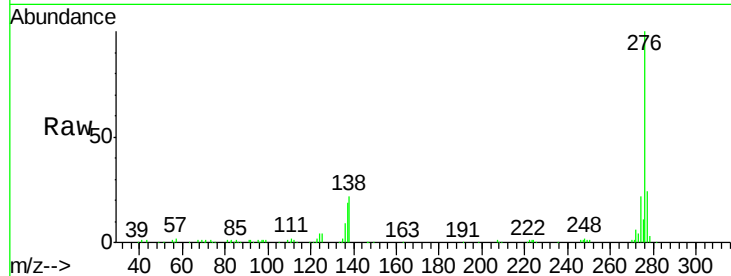
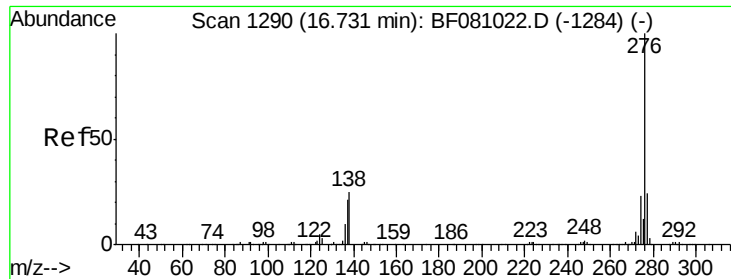
Tot Ion:252 Resp: 275639
Ion Ratio Lower Upper
252 100
253 22.4 16.6 25.0
125 13.2 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 49.52 ng
RT: 16.27 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF081143.D
Acq: 21 Aug 2015 1:06

Tgt Ion:278 Resp: 275152
Ion Ratio Lower Upper
278 100
139 14.5 10.8 16.2
279 23.8 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 48.93 ng

RT: 16.61 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF081143.D

Acq: 21 Aug 2015 1:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:276 Resp: 275807

Ion Ratio Lower Upper

276 100

277 24.1 18.2 27.2

138 21.7 13.7 20.5#

