

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082843.D
 Acq On : 9 Nov 2015 21:52
 Operator : UM/IZ
 Sample : G4306-15MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Quant Time: Nov 10 02:53:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	253192	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	979652	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	449370	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	836878	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	600269	20.00	ng	-0.02
86) Perylene-d12	15.41	264	638925	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2374810	145.94	ng	0.00
7) Phenol-d6	6.49	99	3196205	147.74	ng	0.01
23) Nitrobenzene-d5	7.40	82	2039764	90.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	742335	144.07	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2815832	89.81	ng	-0.02
78) Terphenyl-d14	12.94	244	2646906	104.59	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	333686	47.52	ng	95
3) Pyridine	3.22	79	990649	48.62	ng	97
4) n-Nitrosodimethylamine	3.18	42	470476	46.56	ng	# 73
6) Aniline	6.50	93	929766	30.61	ng	# 15
8) 2-Chlorophenol	6.62	128	899386	49.86	ng	92
9) Benzaldehyde	6.37	77	100277	8.39	ng	85
10) Phenol	6.50	94	1222895	49.82	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	926405	50.47	ng	# 81
12) 1,3-Dichlorobenzene	7.00	146	811400	39.88	ng	95
13) 1,4-Dichlorobenzene	6.77	146	906496	42.82	ng	97
14) 1,2-Dichlorobenzene	7.00	146	811836	42.17	ng	96
15) Benzyl Alcohol	6.98	79	819202	43.12	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1334786	49.57	ng	96
17) 2-Methylphenol	7.10	107	788861	51.63	ng	98
18) Hexachloroethane	7.34	117	328631	43.41	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	771645	48.52	ng	# 82
20) 3+4-Methylphenols	7.25	107	862170	43.40	ng	# 88
22) Acetophenone	7.24	105	1290066	45.96	ng	# 94
24) Nitrobenzene	7.41	77	1025184	44.53	ng	# 88
25) Isophorone	7.66	82	1912106	45.90	ng	97
26) 2-Nitrophenol	7.73	139	434774	45.24	ng	# 79
27) 2,4-Dimethylphenol	7.78	122	762616	44.16	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	1079032	45.92	ng	98
29) 2,4-Dichlorophenol	7.98	162	815172	52.23	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	810029	46.15	ng	96
31) Naphthalene	8.14	128	2487734	46.03	ng	99
32) Benzoic acid	7.86	122	64595	5.46	ng	89
33) 4-Chloroaniline	8.19	127	548670	23.55	ng	# 86
34) Hexachlorobutadiene	8.27	225	493911	44.97	ng	99
35) Caprolactam	8.50	113	14965	3.04	ng	88
36) 4-Chloro-3-methylphenol	8.68	107	802123	43.70	ng	90
37) 2-Methylnaphthalene	8.83	142	1483297	42.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	673336	45.60	ng	97
40) Hexachlorocyclopentadiene	8.99	237	758006	95.54	ng	99

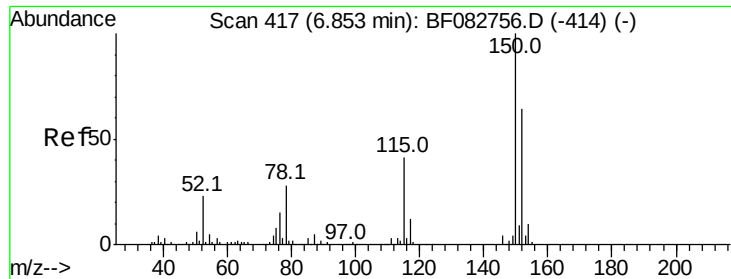
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	596741	54.14	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	496934	45.58	nq	93
45) 1,1'-Biphenyl	9.30	154	1812667	47.01	nq	96
46) 2-Chloronaphthalene	9.32	162	1436377	47.75	nq	97
47) 2-Nitroaniline	9.41	65	514998	46.16	nq	# 84
48) Acenaphthylene	9.73	152	2130166	45.19	nq	99
49) Dimethylphthalate	9.61	163	2364836	64.23	nq	99
50) 2,6-Dinitrotoluene	9.66	165	446101	56.79	nq	# 76
51) Acenaphthene	9.90	154	1407186	47.10	nq	100
52) 3-Nitroaniline	9.82	138	284337	32.91	nq	# 81
53) 2,4-Dinitrophenol	9.93	184	215720	50.01	nq	# 27
54) Dibenzofuran	10.08	168	1952488	48.47	nq	96
55) 4-Nitrophenol	10.00	139	640870	96.69	nq	# 83
56) 2,4-Dinitrotoluene	10.06	165	545275	51.16	nq	93
57) Fluorene	10.42	166	1376221	42.19	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	465655	52.33	nq	# 87
59) Diethylphthalate	10.30	149	1632574	45.42	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	794743	48.69	nq	95
61) 4-Nitroaniline	10.44	138	384547	44.26	nq	# 81
62) Azobenzene	10.58	77	2077328	53.80	nq	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	323128	54.20	nq	89
65) n-Nitrosodiphenylamine	10.53	169	1309146	43.30	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	440988	43.76	nq	# 70
67) Hexachlorobenzene	10.97	284	514623	45.74	nq	# 87
68) Atrazine	11.07	200	502456	53.74	nq	91
69) Pentachlorophenol	11.16	266	561520	82.18	nq	99
70) Phenanthrene	11.38	178	2079571	42.79	nq	100
71) Anthracene	11.44	178	2403564	46.95	nq	100
72) Carbazole	11.58	167	2065415	46.09	nq	99
73) Di-n-butylphthalate	11.93	149	2579534	46.20	nq	# 98
74) Fluoranthene	12.57	202	2430138	46.60	nq	98
76) Benzidine	12.68	184	844634	41.99	nq	99
77) Pyrene	12.80	202	2474453	60.03	nq	99
79) Butylbenzylphthalate	13.41	149	979062	53.76	nq	97
80) Benzo(a)anthracene	13.97	228	2000949	53.31	nq	98
81) 3,3'-Dichlorobenzidine	13.94	252	597551	44.78	nq	99
82) Chrysene	14.02	228	1962430	57.08	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	1428948	57.33	nq	# 98
84) Di-n-octyl phthalate	14.60	149	2481995	59.69	nq	97
85) Indeno(1,2,3-cd)pyrene	16.80	276	1704780	57.57	nq	# 96
87) Benzo(b)fluoranthene	15.04	252	3513515	85.67	nq	# 95
88) Benzo(k)fluoranthene	15.04	252	3515219	96.62	nq	# 95
89) Benzo(a)pyrene	15.36	252	1628817	45.84	nq	# 96
90) Dibenzo(a,h)anthracene	16.81	278	1423823	47.32	nq	# 96
91) Benzo(g,h,i)perylene	17.21	276	1408479	48.87	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

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ClientSampleId :

D3MS

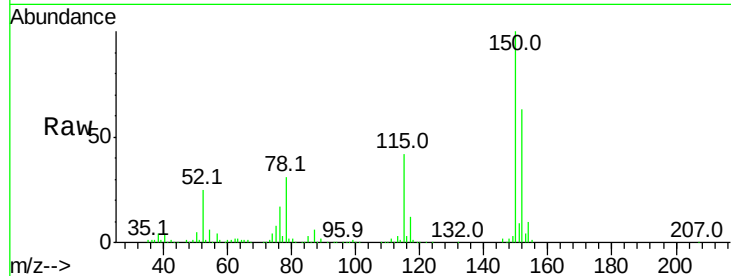
Tot Ion:152 Resp: 253192

Ion Ratio Lower Upper

152 100

150 158.5 127.0 190.4

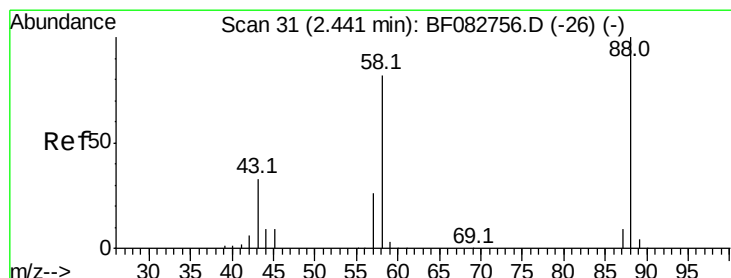
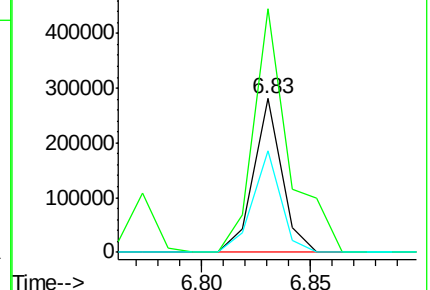
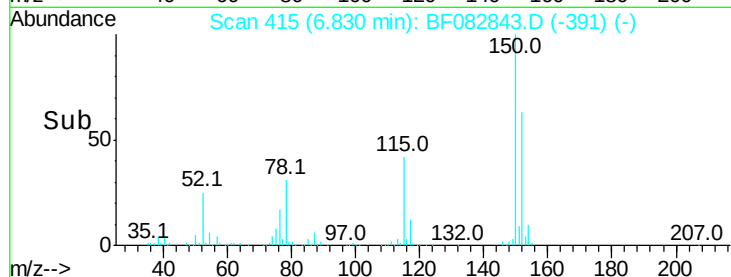
115 66.5 47.0 70.6



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: 47.52 ng

RT: 2.52 min Scan# 38

Delta R.T. 0.08 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

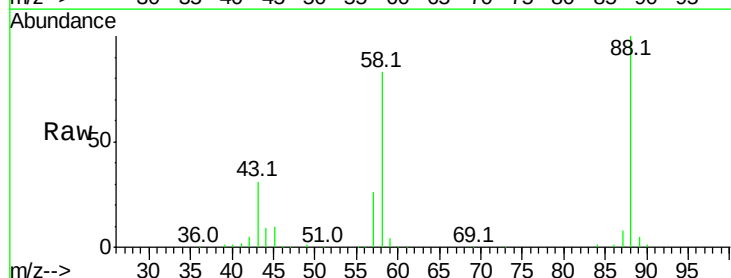
Tgt Ion: 88 Resp: 333686

Ion Ratio Lower Upper

88 100

58 81.2 62.0 93.0

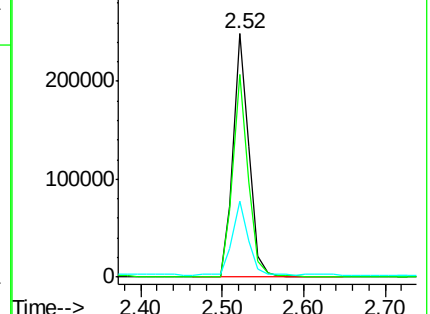
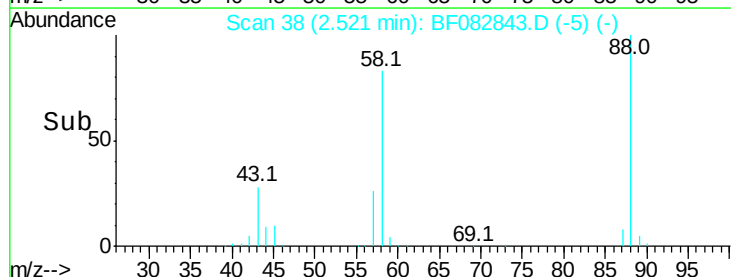
43 30.4 26.6 40.0

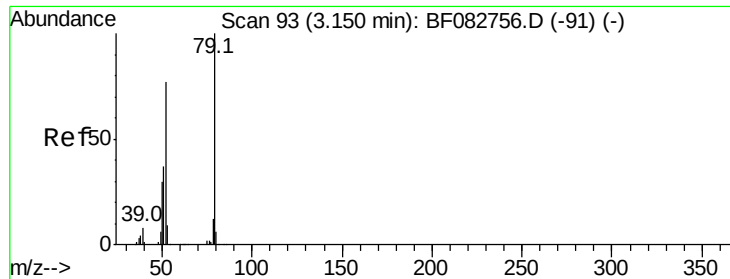


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 48.62 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.06 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

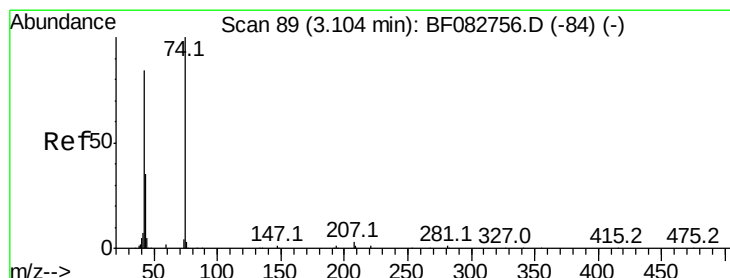
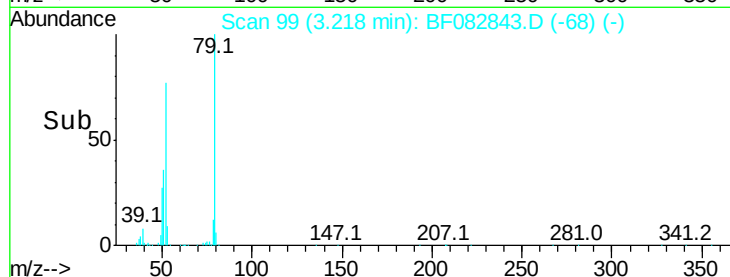
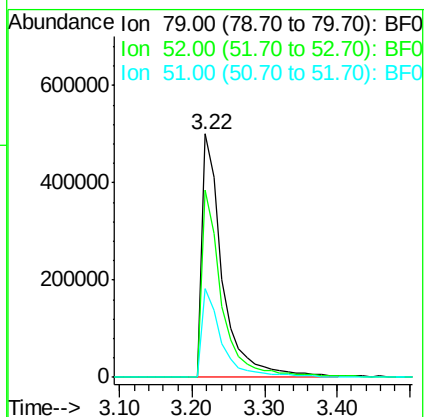
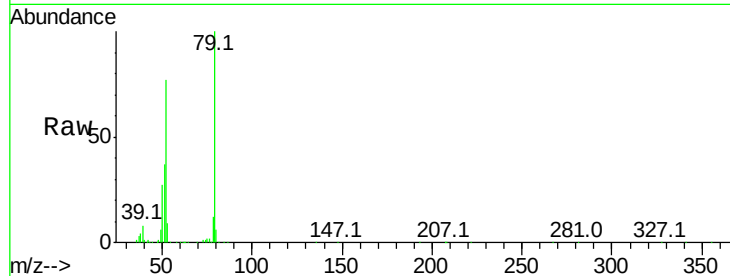
Tot Ion: 79 Resp: 990649

Ion Ratio Lower Upper

79 100

52 76.9 62.8 94.2

51 36.5 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 46.56 ng

RT: 3.18 min Scan# 96

Delta R.T. 0.09 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

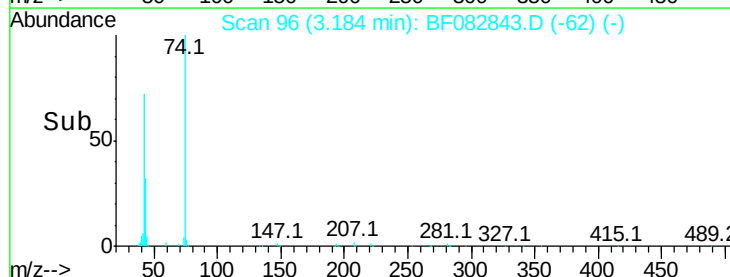
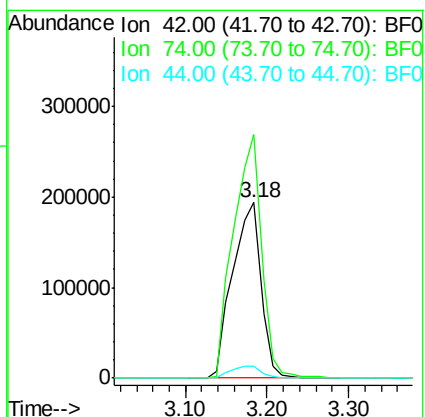
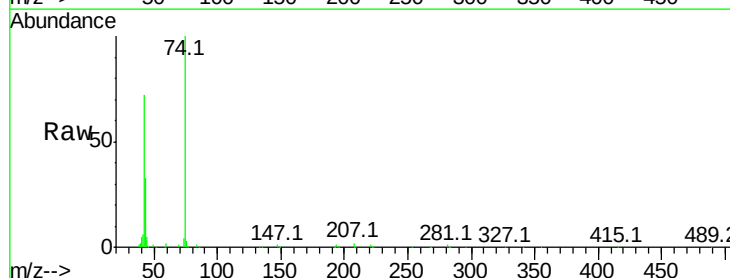
Tgt Ion: 42 Resp: 470476

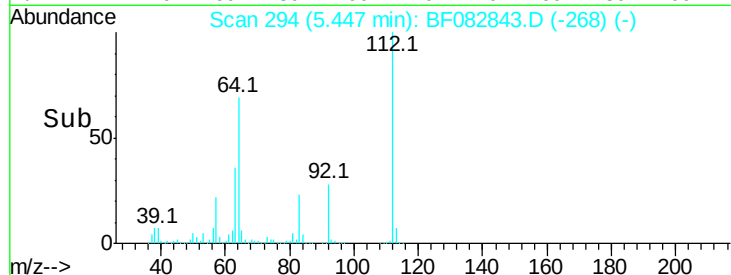
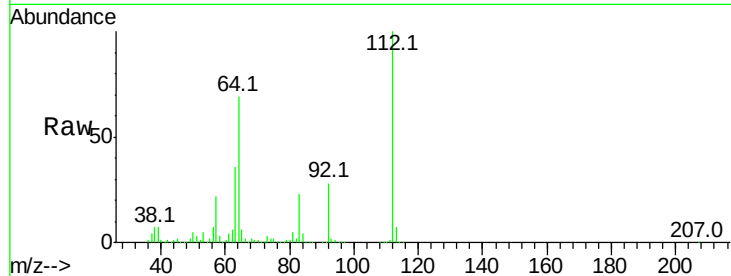
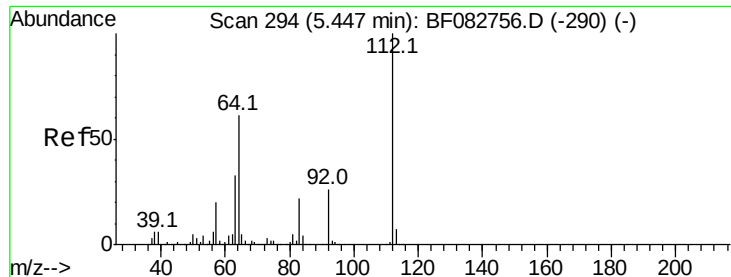
Ion Ratio Lower Upper

42 100

74 139.0 87.0 130.4#

44 6.9 5.8 8.8





#5

2-Fluorophenol

Concen: 145.94 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

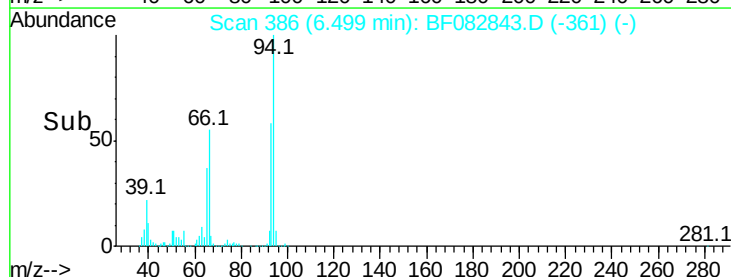
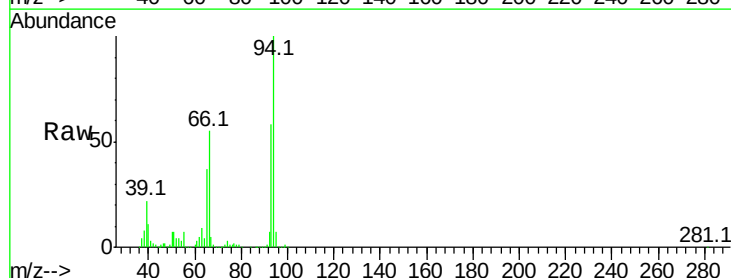
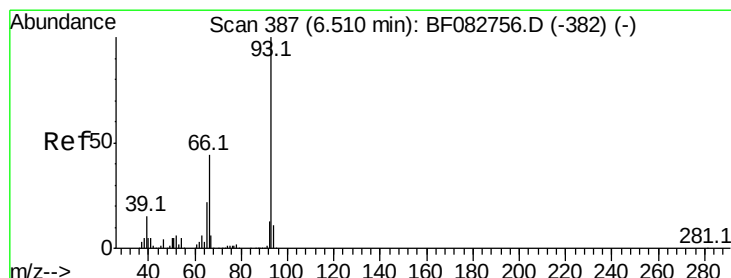
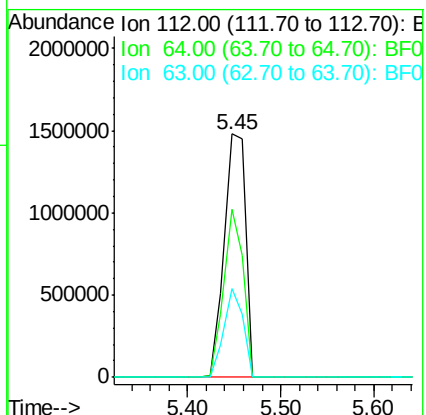
Tot Ion:112 Resp: 2374810

Ion Ratio Lower Upper

112 100

64 69.2 48.9 73.3

63 36.5 28.1 42.1



#6

Aniline

Concen: 30.61 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

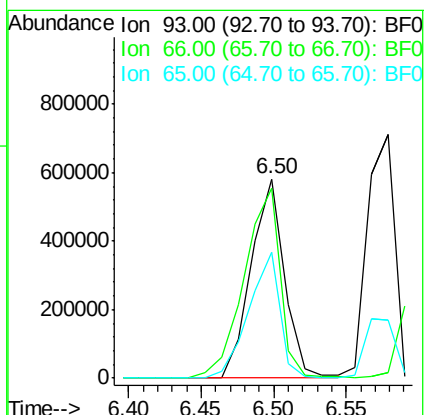
Tgt Ion: 93 Resp: 929766

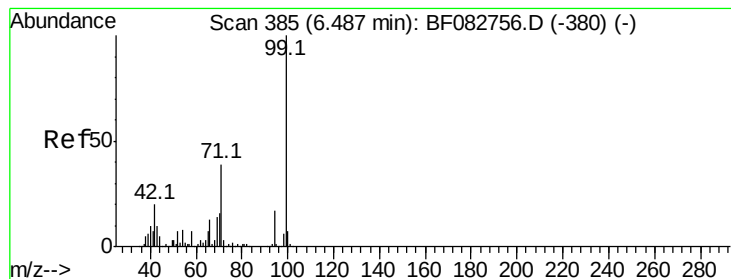
Ion Ratio Lower Upper

93 100

66 95.7 33.6 50.4#

65 63.5 18.1 27.1#





#7

Phenol-d6

Concen: 147.74 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

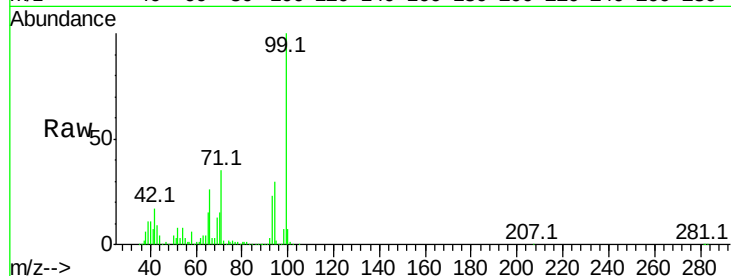
BNA_F

ClientSampled :

D3MS

Tot Ion: 99 Resp: 3196205

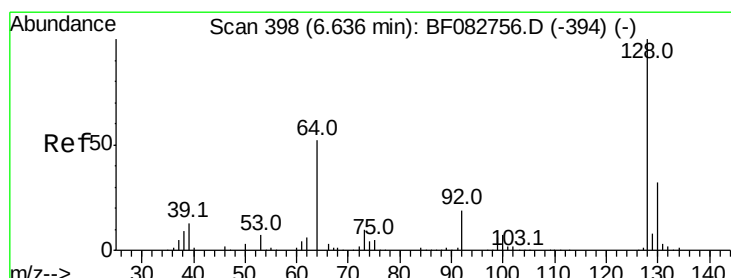
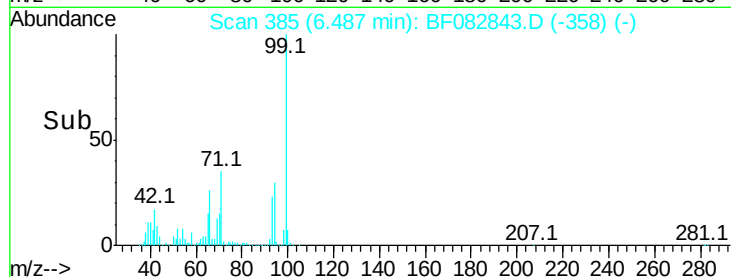
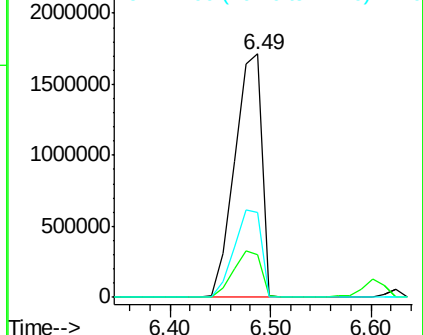
Ion	Ratio	Lower	Upper
99	100		
42	17.4	19.2	28.8#
71	35.0	35.0	52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.86 ng

RT: 6.62 min Scan# 397

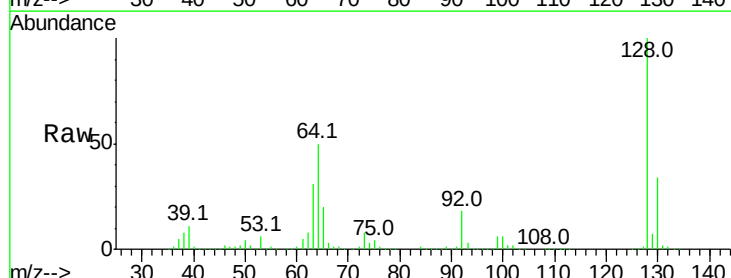
Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion: 128 Resp: 899386

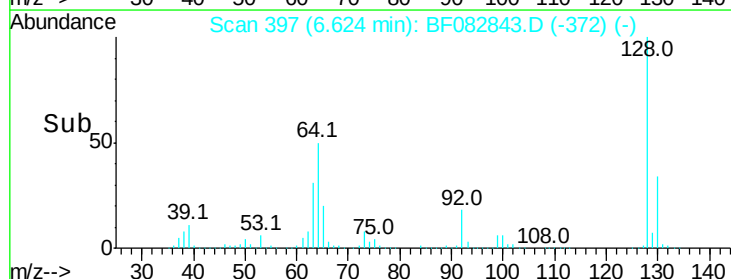
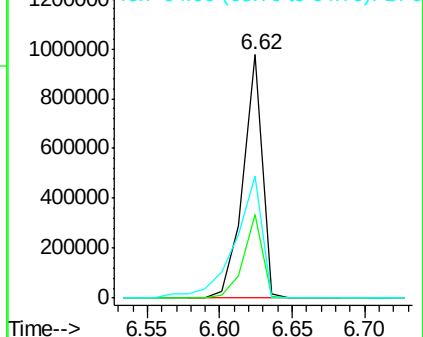
Ion	Ratio	Lower	Upper
128	100		
130	34.1	13.5	53.5
64	50.0	21.1	61.1

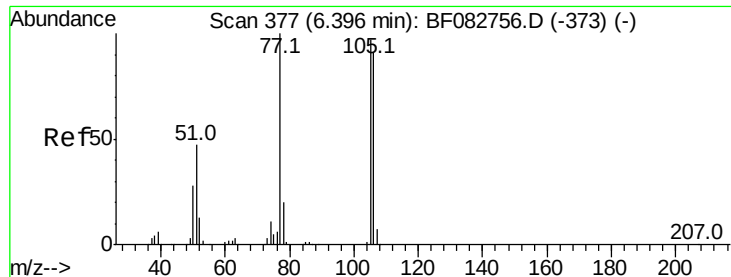


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.39 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

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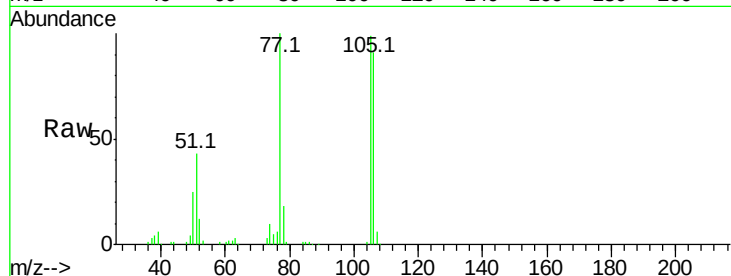
Tot Ion: 77 Resp: 100277

Ion Ratio Lower Upper

77 100

105 99.0 63.5 103.5

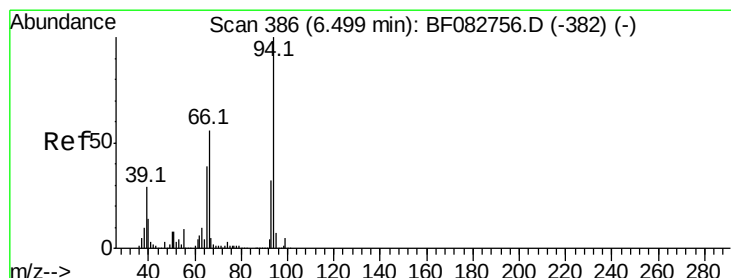
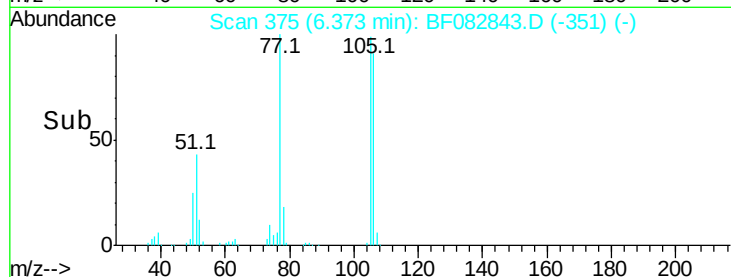
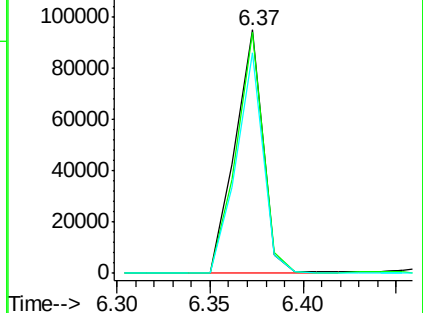
106 90.6 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.82 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

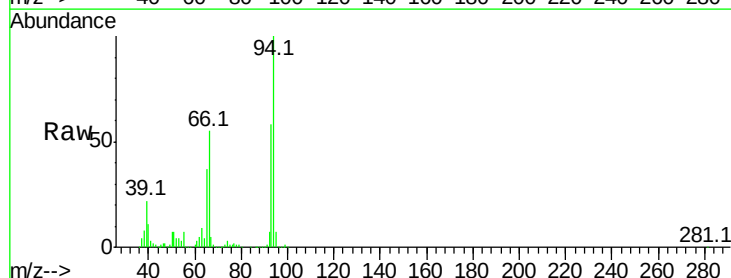
Tgt Ion: 94 Resp: 1222895

Ion Ratio Lower Upper

94 100

65 36.6 18.9 58.9

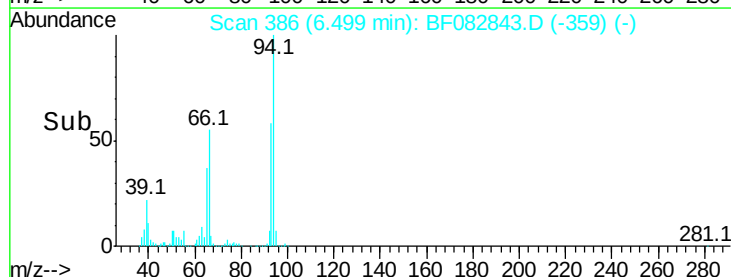
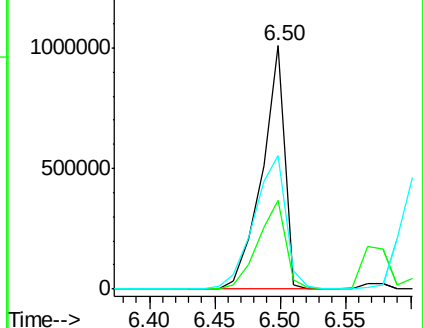
66 55.1 34.9 74.9

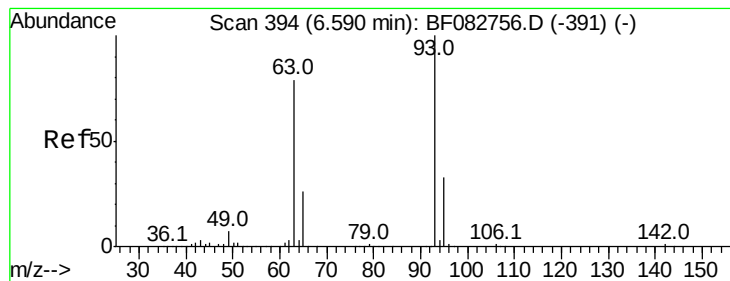


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

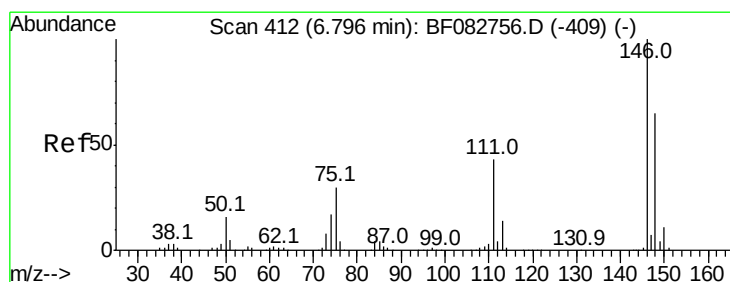
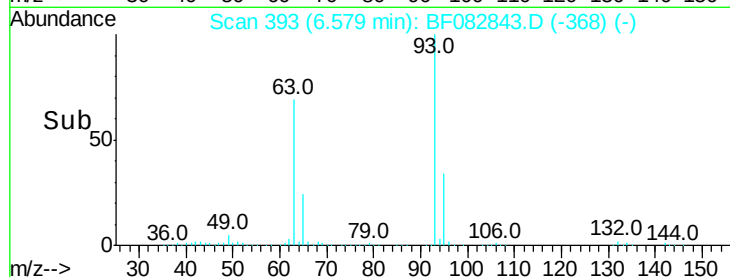
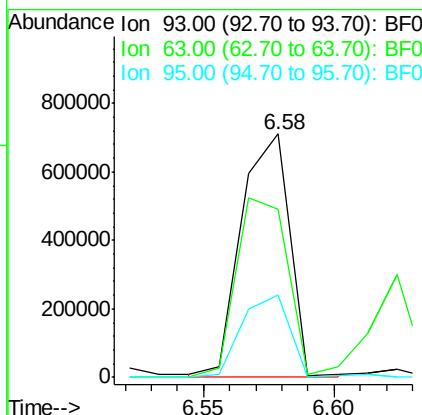
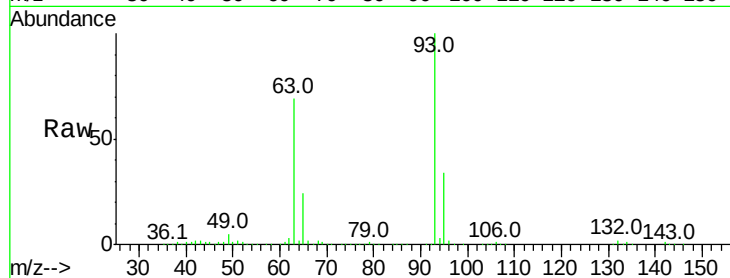




#11
 bis(2-Chloroethyl)ether
 Concen: 50.47 ng
 RT: 6.58 min Scan# 393
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

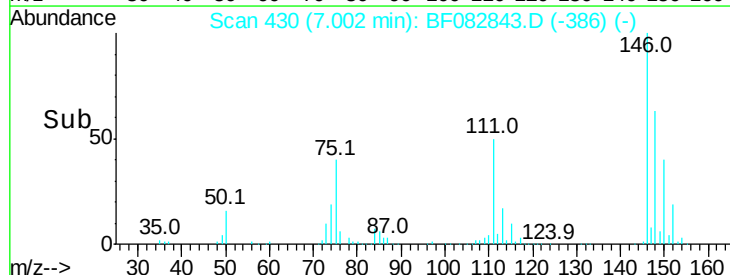
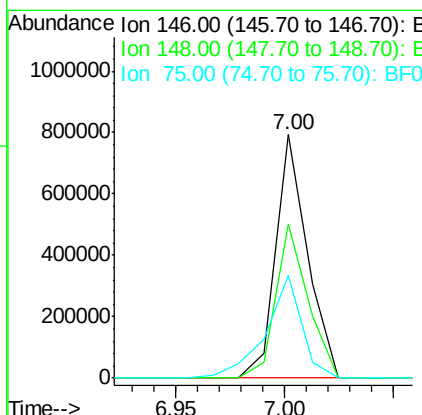
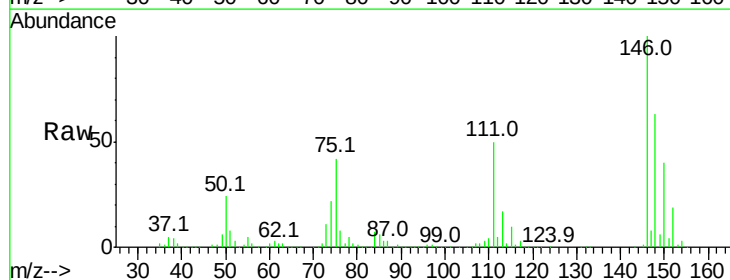
Instrument :
 BNA_F
 ClientSampleId :
 D3MS

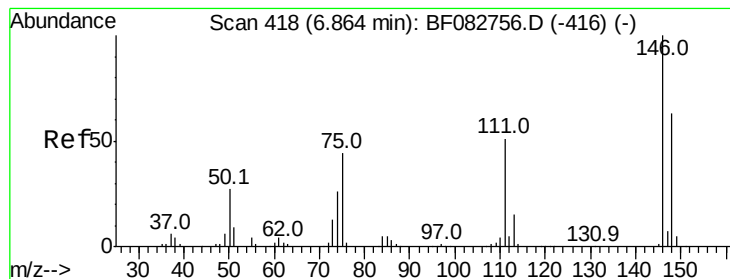
Tot Ion: 93 Resp: 926405
 Ion Ratio Lower Upper
 93 100
 63 69.2 72.7 112.7#
 95 33.7 12.0 52.0



#12
 1,3-Dichlorobenzene
 Concen: 39.88 ng
 RT: 7.00 min Scan# 430
 Delta R.T. 0.21 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion: 146 Resp: 811400
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.5 75.7
 75 42.1 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 42.82 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampled :

D3MS

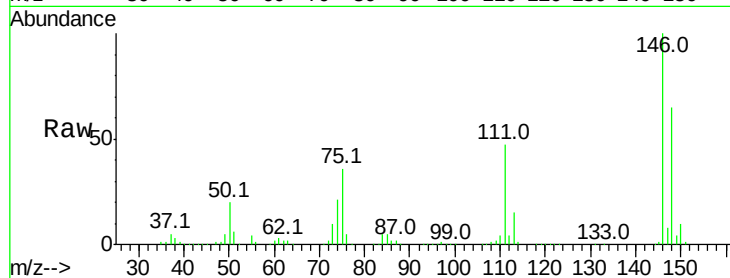
Tot Ion:146 Resp: 906496

Ion Ratio Lower Upper

146 100

148 64.8 50.8 76.2

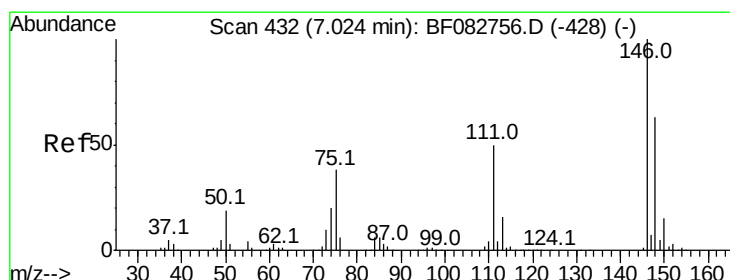
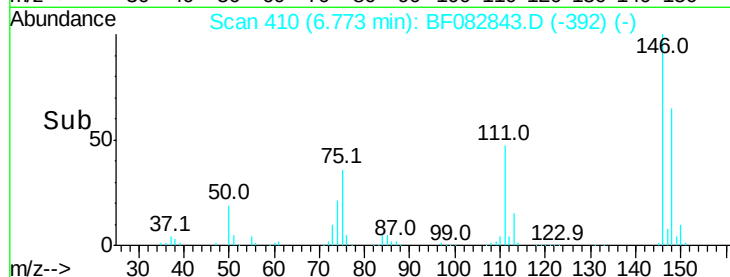
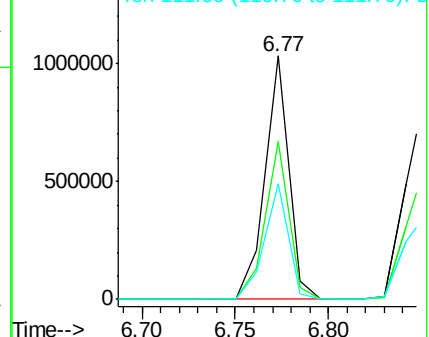
111 47.4 40.6 60.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.17 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

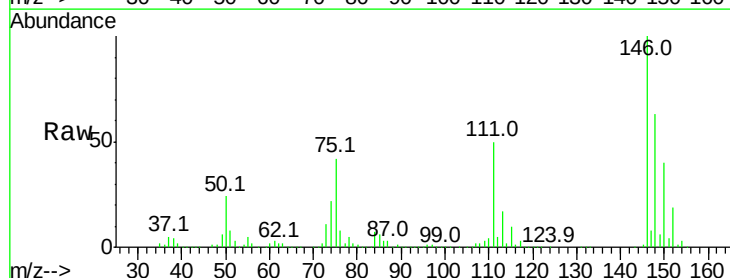
Tgt Ion:146 Resp: 811836

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.4

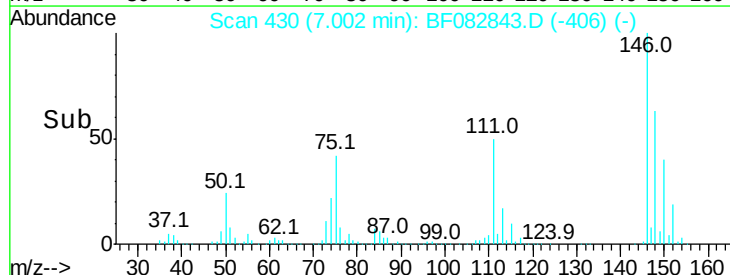
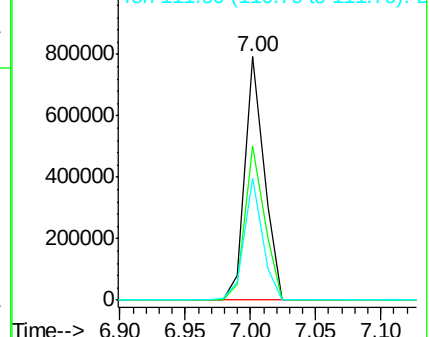
111 50.4 36.6 55.0

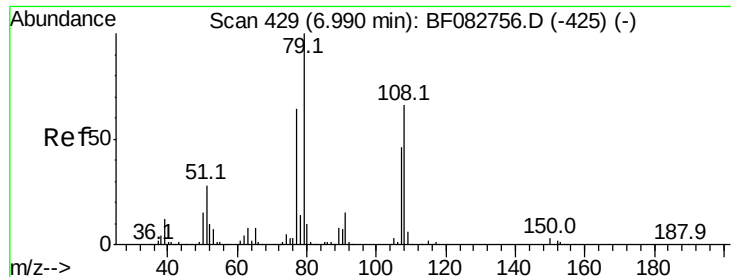


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.12 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampled :

D3MS

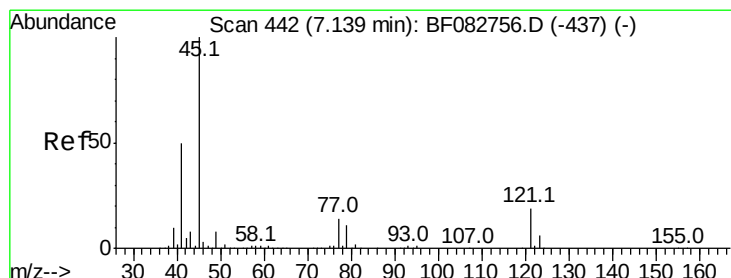
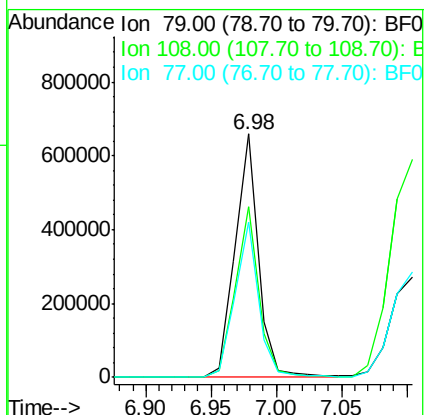
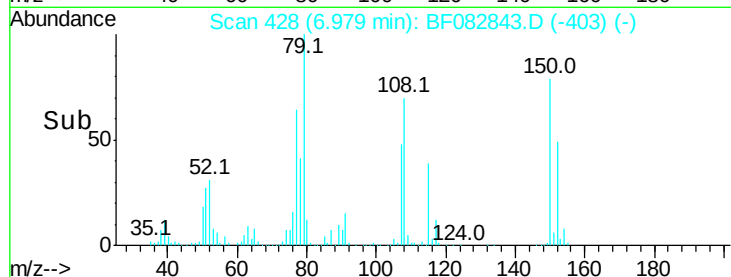
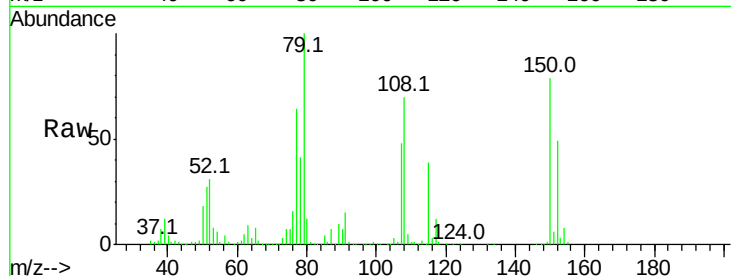
Tot Ion: 79 Resp: 819202

Ion Ratio Lower Upper

79 100

108 70.1 52.2 78.4

77 63.6 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.57 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

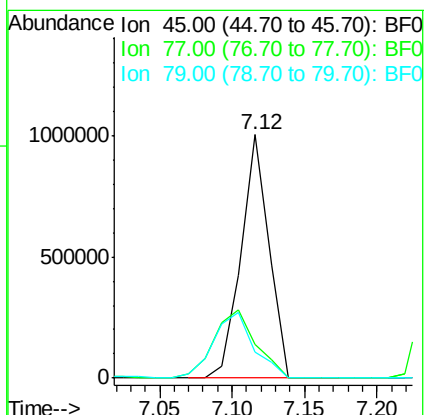
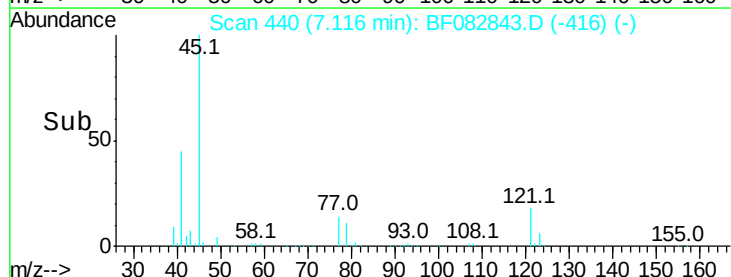
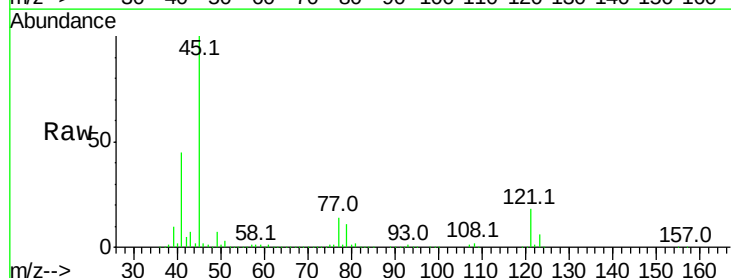
Tgt Ion: 45 Resp: 1334786

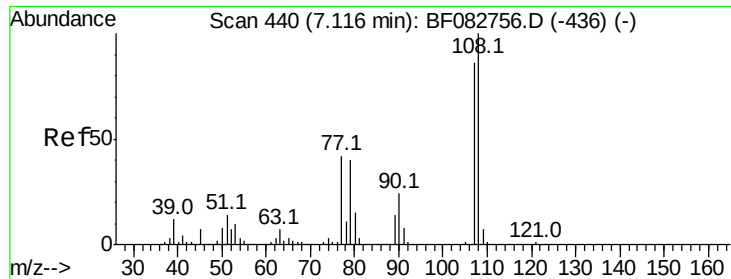
Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.6

79 10.9 0.0 29.2





#17

2-Methylphenol

Concen: 51.63 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion:107 Resp: 788861

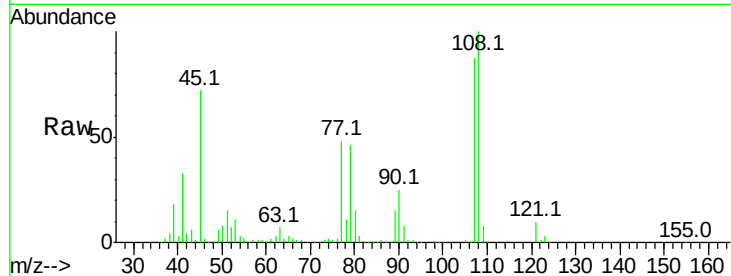
Ion Ratio Lower Upper

107 100

108 114.5 93.0 139.4

77 55.0 44.1 66.1

79 52.3 43.6 65.4

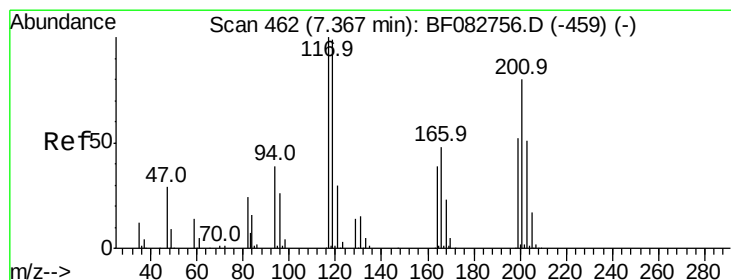
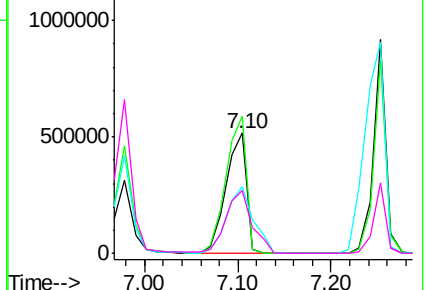
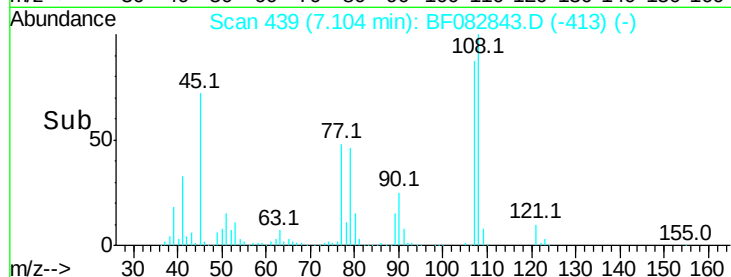


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.41 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

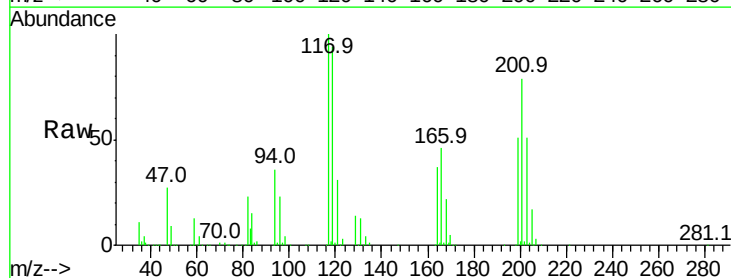
Tgt Ion:117 Resp: 328631

Ion Ratio Lower Upper

117 100

119 94.1 77.7 116.5

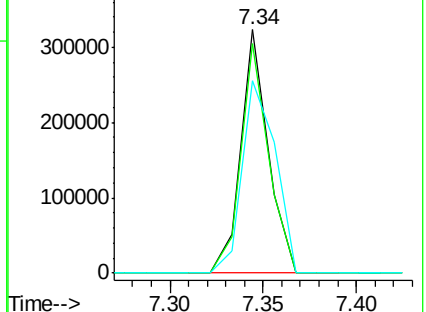
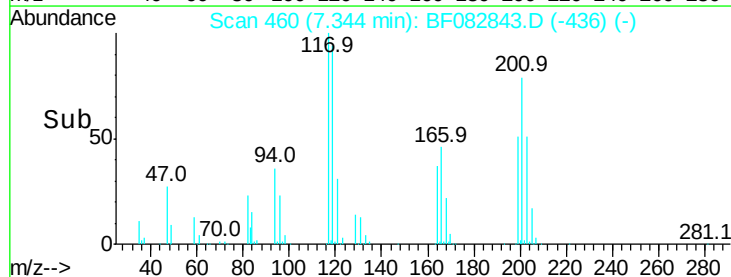
201 79.1 66.7 100.1

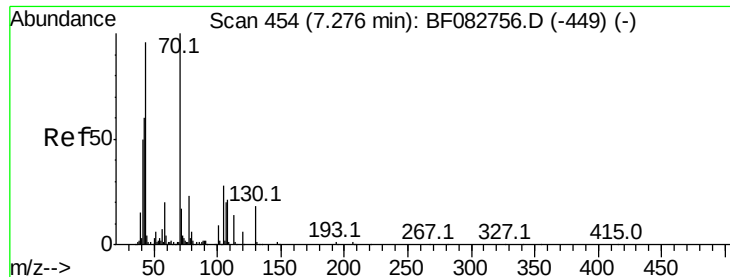


Abundance Ion 117.00 (116.70 to 117.70): E

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: 48.52 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion: 70 Resp: 771645

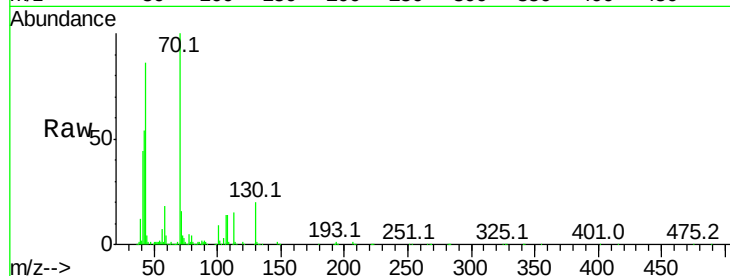
Ion Ratio Lower Upper

70 100

42 54.0 57.7 86.5#

101 9.4 7.0 10.6

130 19.6 11.8 17.6#

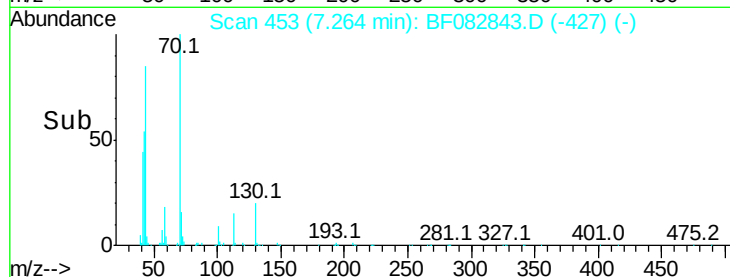
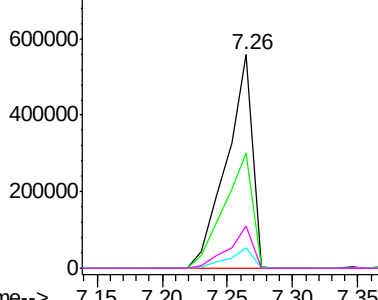


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 43.40 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:107 Resp: 862170

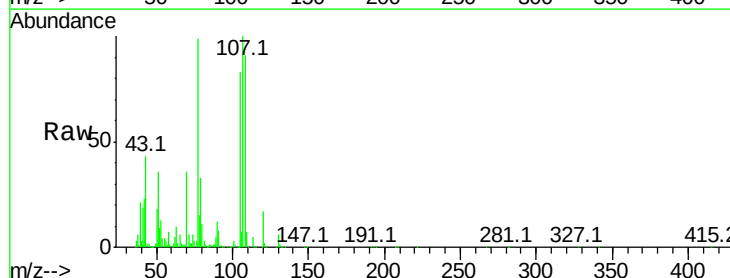
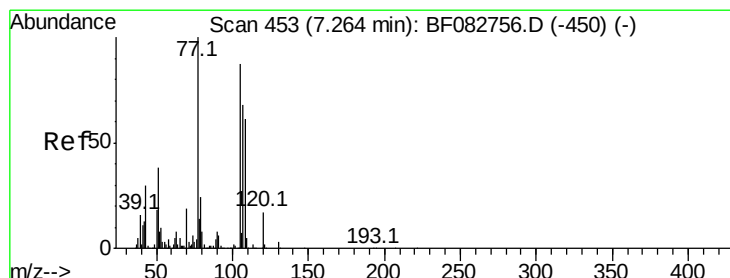
Ion Ratio Lower Upper

107 100

108 90.7 67.3 107.3

77 99.1 100.3 140.3#

79 32.9 16.2 56.2

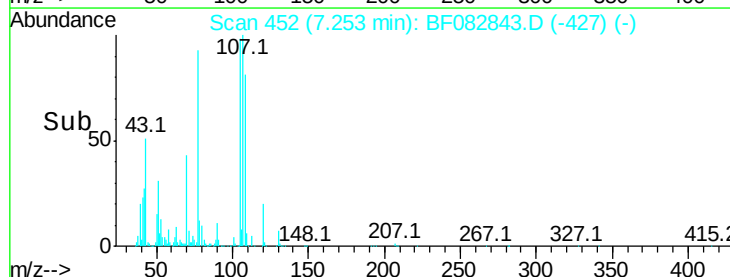
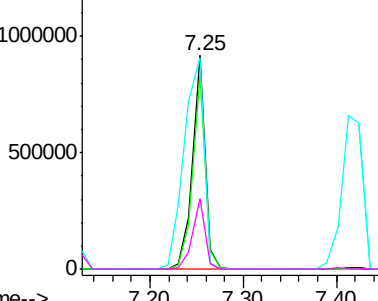


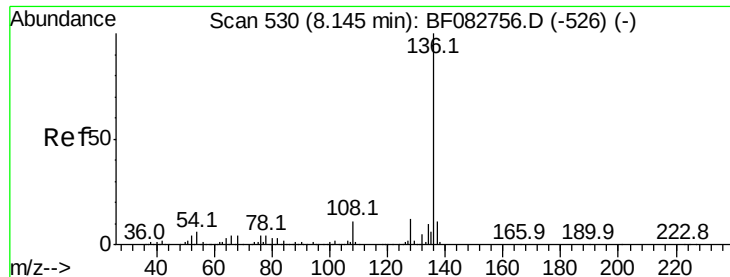
Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampled :

D3MS

Tot Ion:136 Resp: 979652

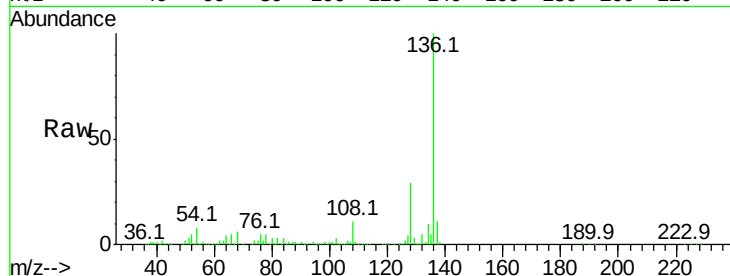
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.8 9.1 13.7#

68 5.8 4.8 7.2

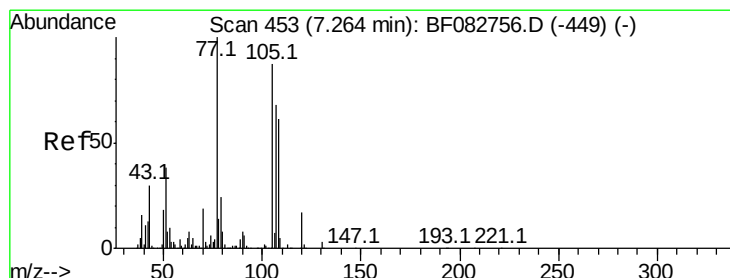
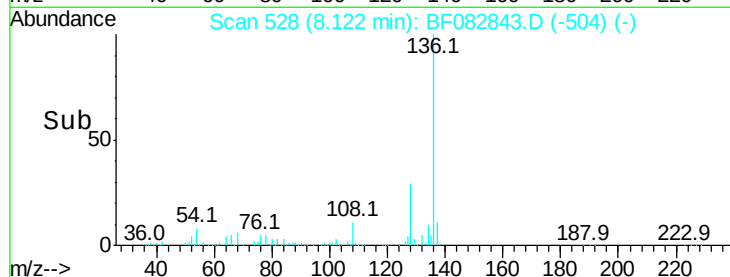
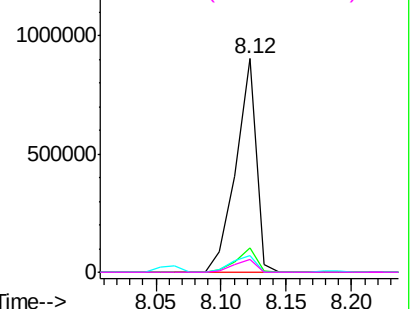


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.96 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:105 Resp: 1290066

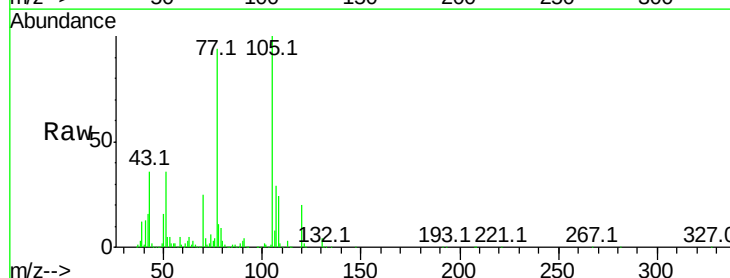
Ion Ratio Lower Upper

105 100

71 4.2 5.6 8.4#

51 35.6 24.9 37.3

120 20.4 15.8 23.8

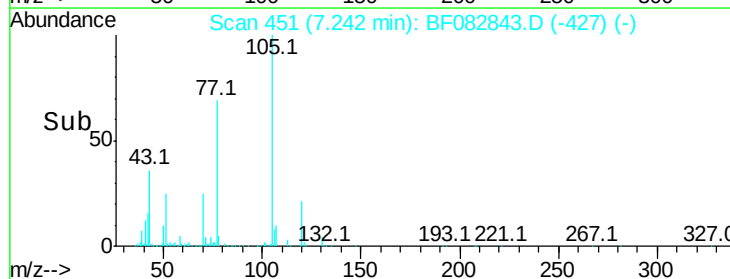
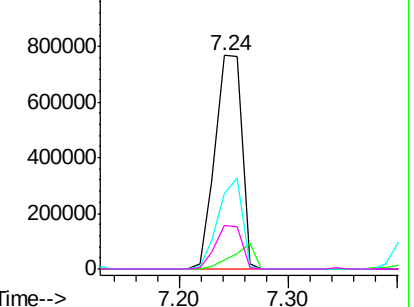


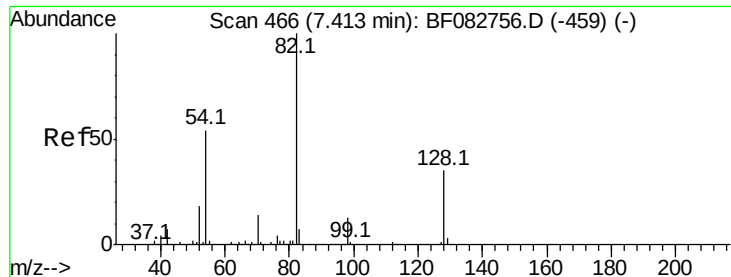
Abundance Ion 105.00 (104.70 to 105.70): E

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



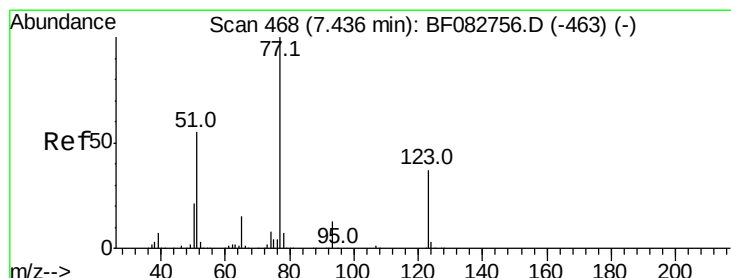
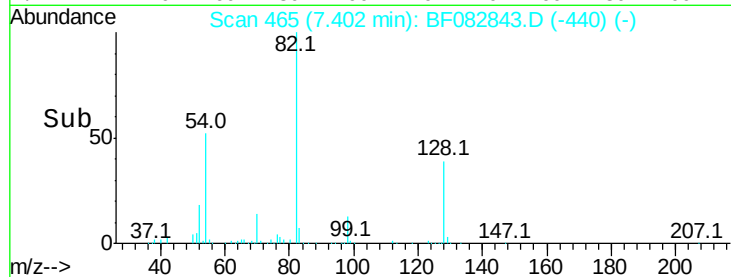
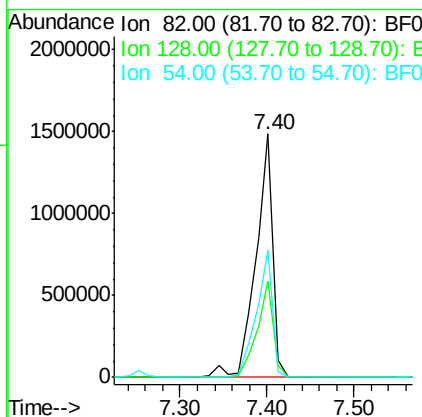
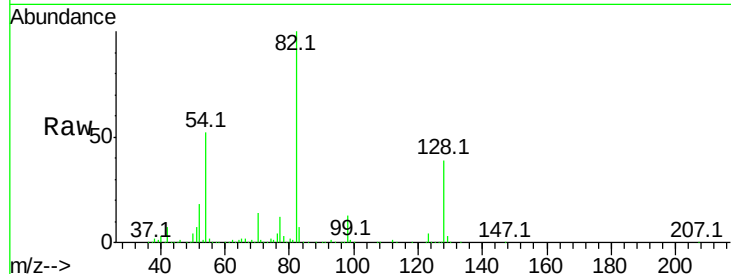


#23
 Nitrobenzene-d5
 Concen: 90.60 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Tot Ion: 82 Resp: 2039764

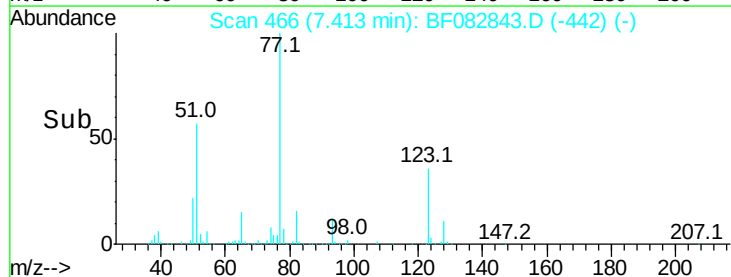
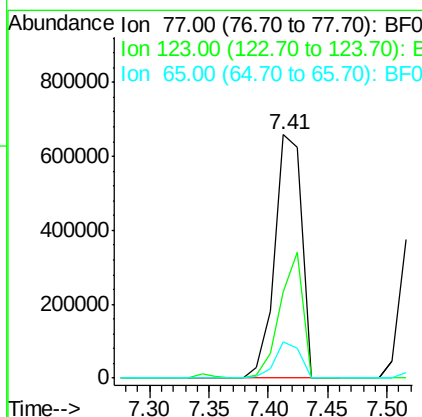
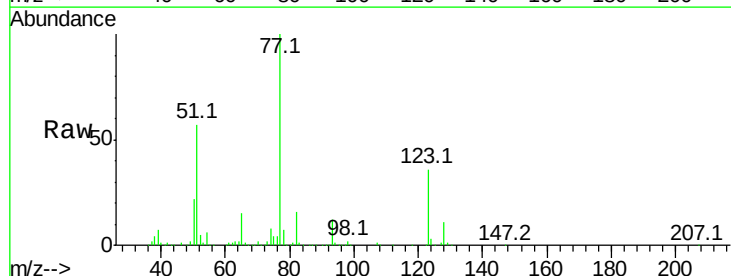
Ion	Ratio	Lower	Upper
82	100		
128	39.4	26.8	40.2
54	52.1	45.7	68.5

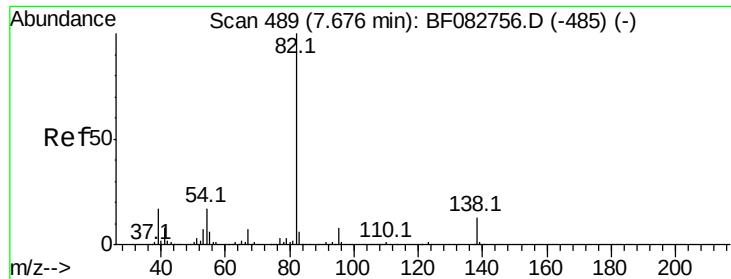


#24
 Nitrobenzene
 Concen: 44.53 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion: 77 Resp: 1025184

Ion	Ratio	Lower	Upper
77	100		
123	35.6	36.4	54.6#
65	14.8	11.5	17.3





#25

Isophorone

Concen: 45.90 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

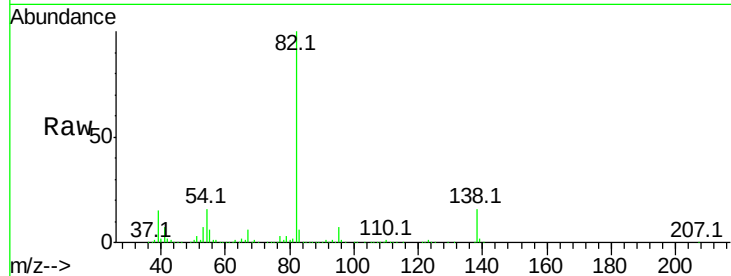
Tot Ion: 82 Resp: 1912106

Ion Ratio Lower Upper

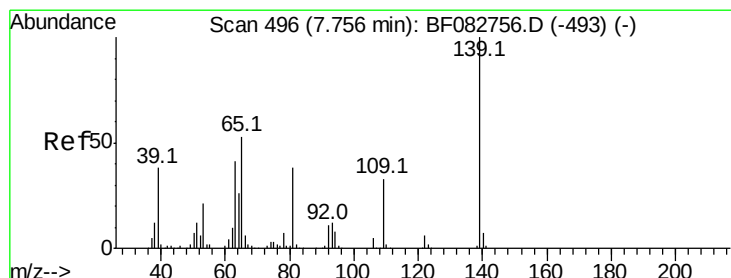
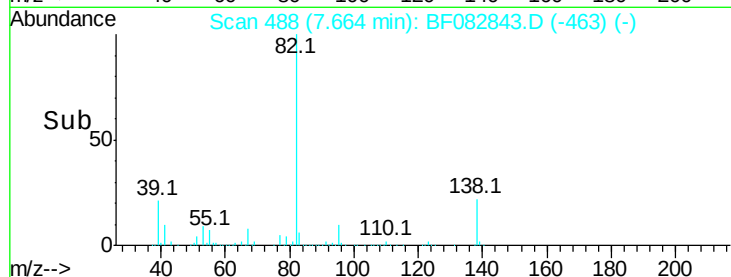
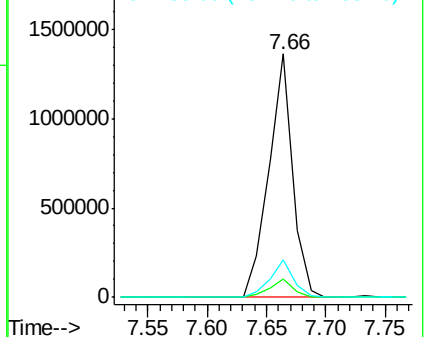
82 100

95 7.4 6.6 9.8

138 15.7 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.24 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

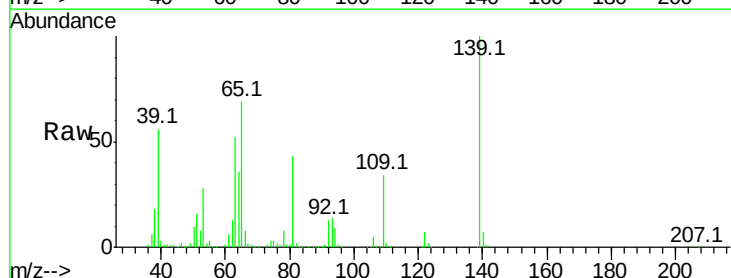
Tgt Ion:139 Resp: 434774

Ion Ratio Lower Upper

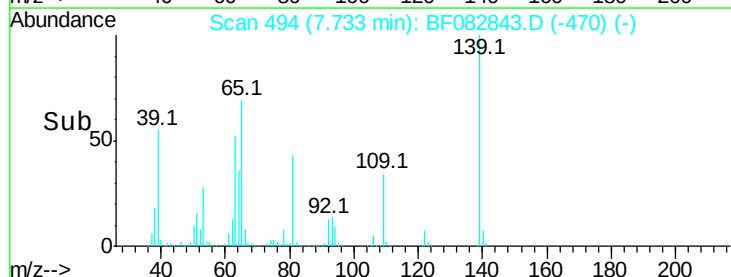
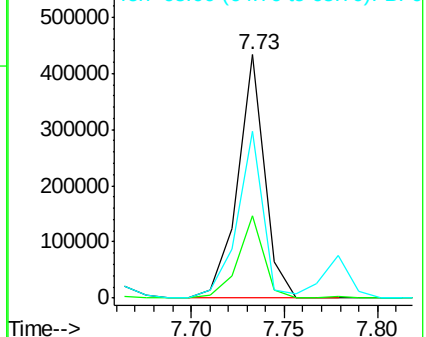
139 100

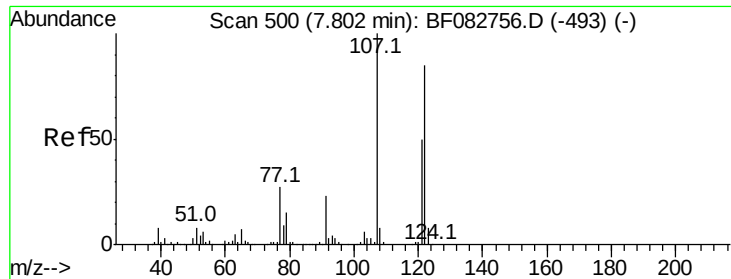
109 33.9 37.6 56.4#

65 68.5 70.6 105.8#



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





#27

2,4-Dimethylphenol

Concen: 44.16 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampled :

D3MS

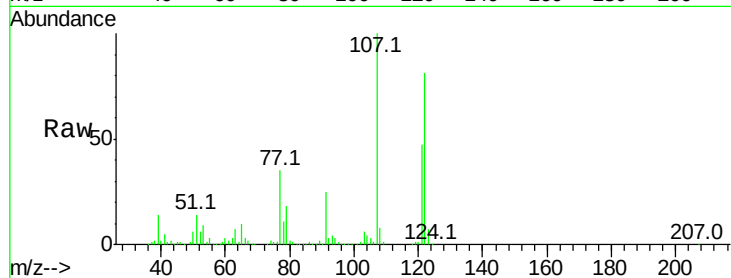
Tot Ion:122 Resp: 762616

Ion Ratio Lower Upper

122 100

107 123.1 106.0 159.0

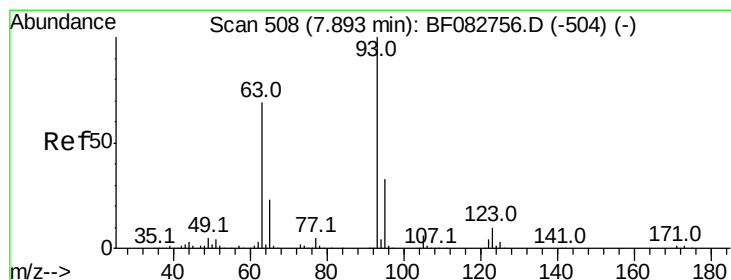
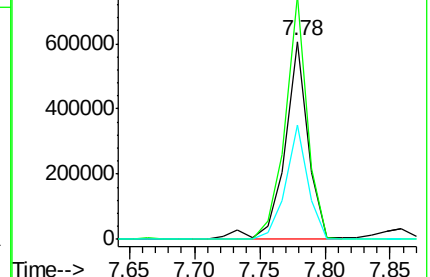
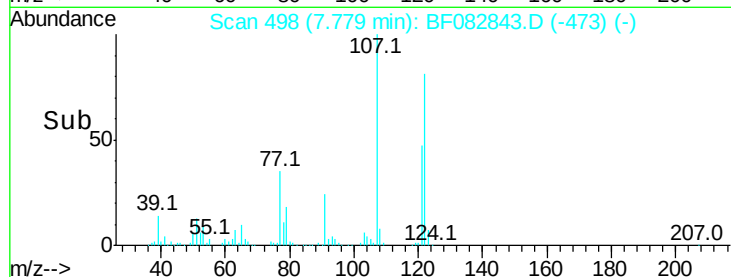
121 57.6 46.7 70.1



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: 45.92 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

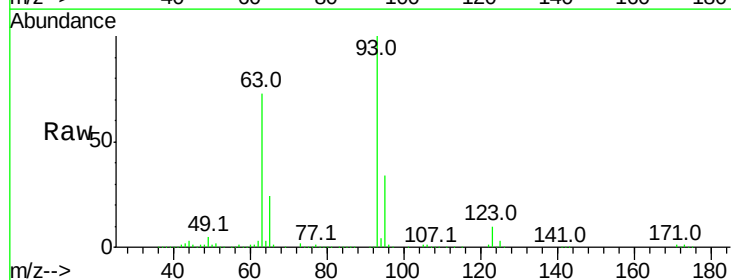
Tgt Ion: 93 Resp: 1079032

Ion Ratio Lower Upper

93 100

95 33.5 26.6 40.0

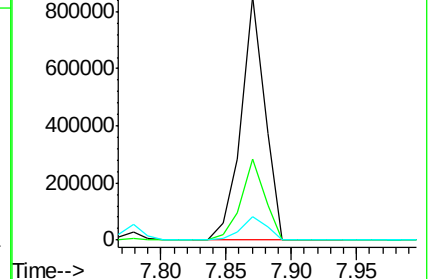
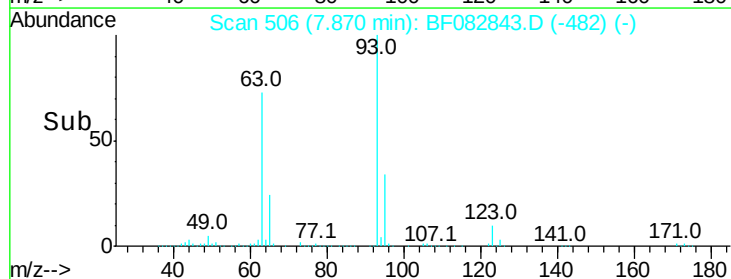
123 9.8 9.7 14.5

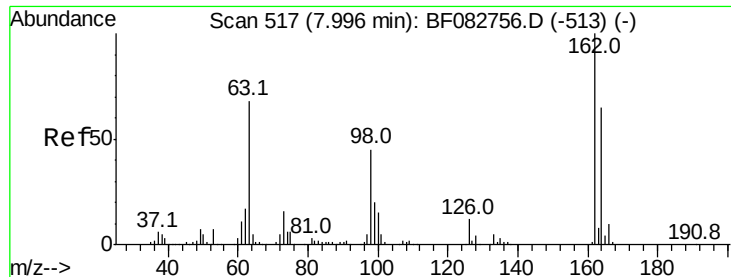


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 52.23 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

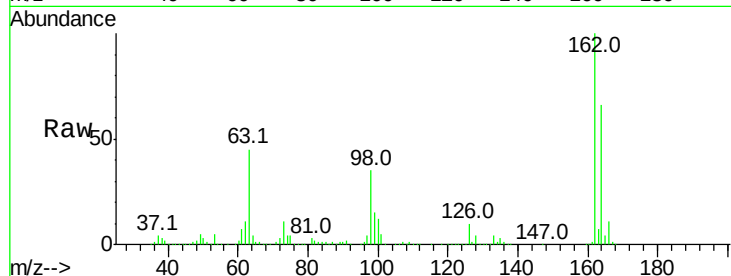
Tot Ion:162 Resp: 815172

Ion Ratio Lower Upper

162 100

164 65.9 46.8 86.8

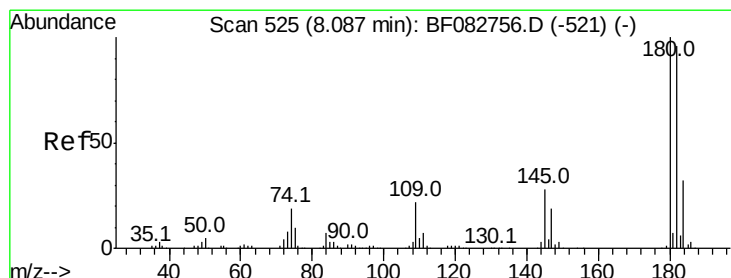
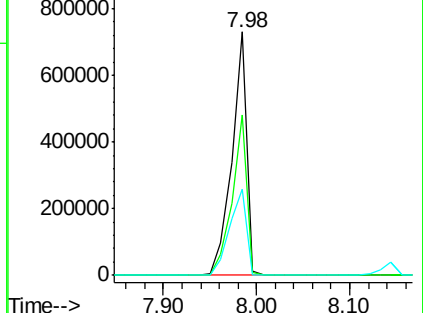
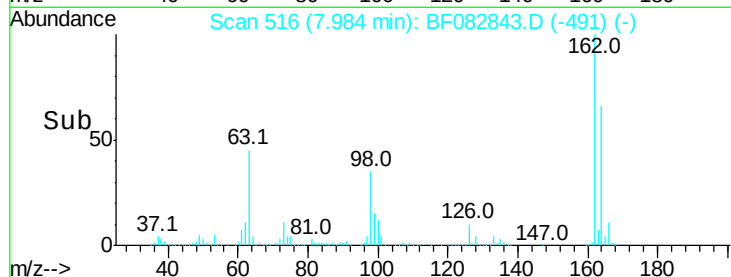
98 35.4 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 46.15 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

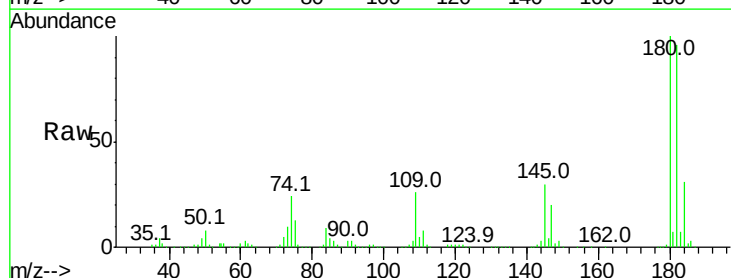
Tgt Ion:180 Resp: 810029

Ion Ratio Lower Upper

180 100

182 95.5 74.9 112.3

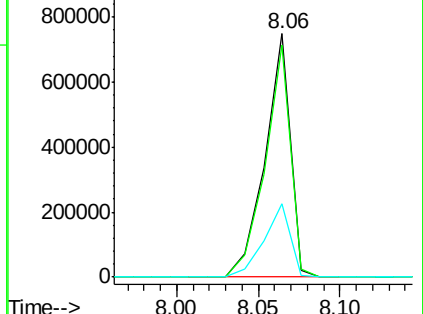
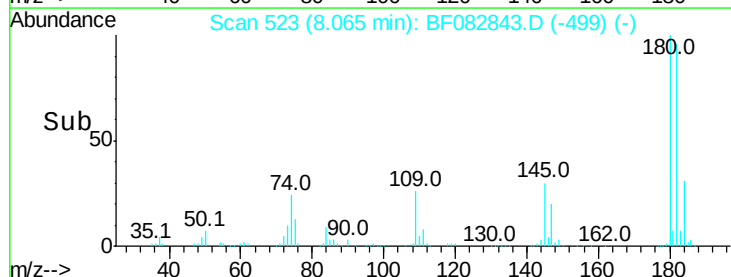
145 30.2 27.8 41.8

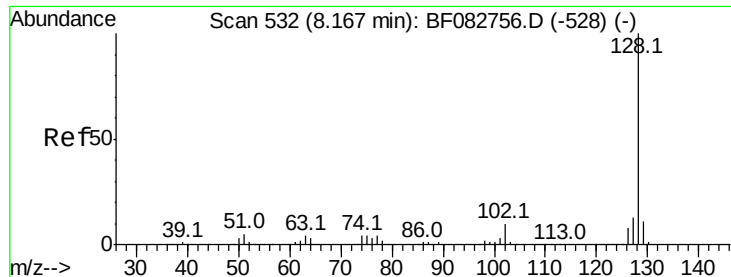


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

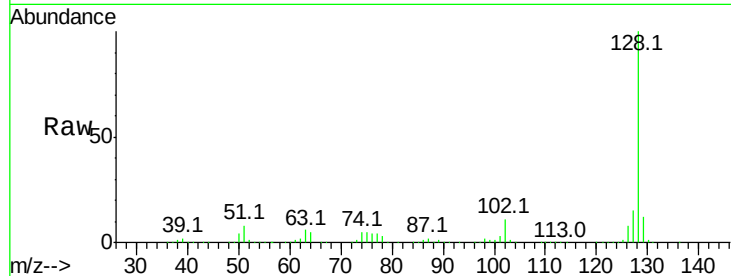




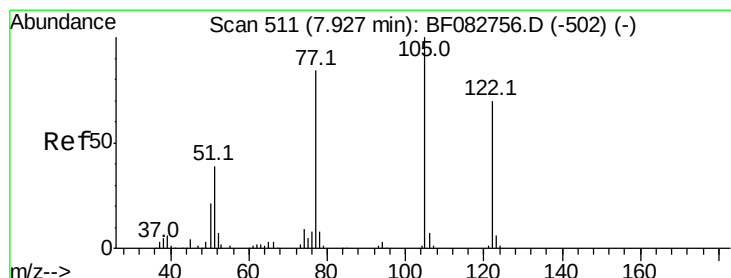
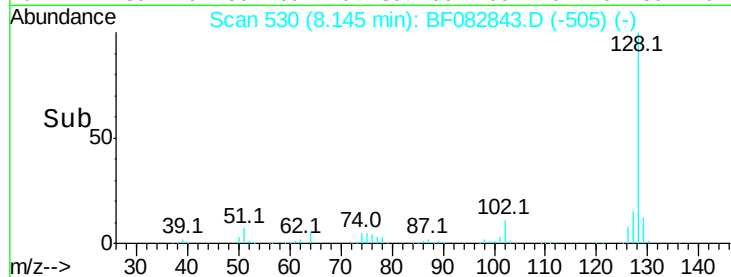
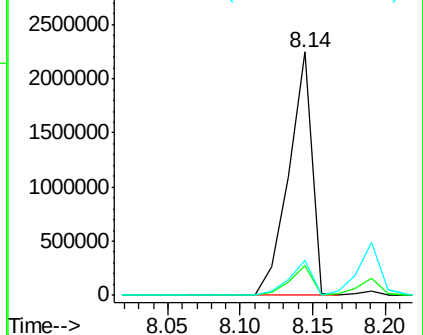
#31
Naphthalene
Concen: 46.03 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Instrument :
BNA_F
ClientSampleId :
D3MS

Tot Ion:128 Resp: 2487734
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 14.5 11.4 17.0

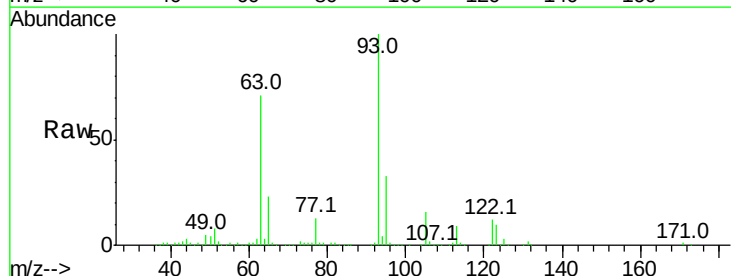


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

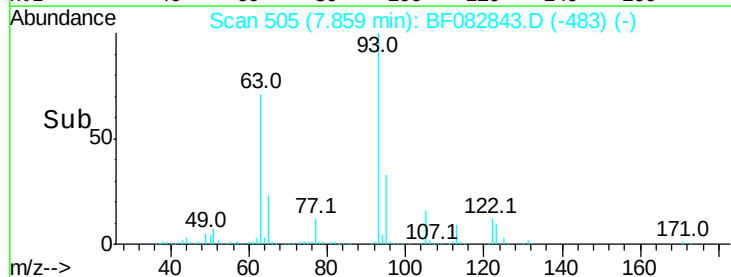
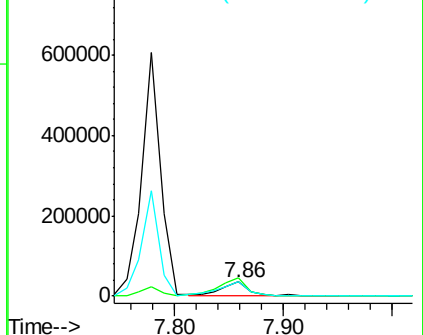


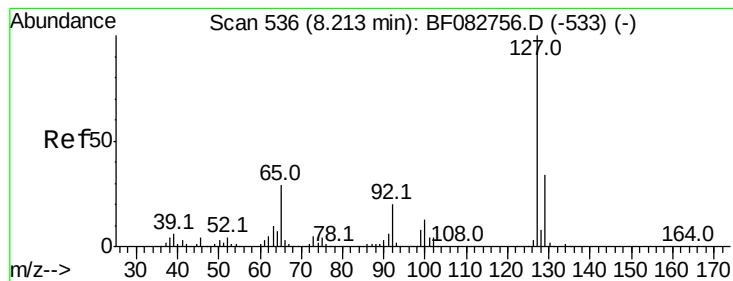
#32
Benzoic acid
Concen: 5.46 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.05 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion:122 Resp: 64595
Ion Ratio Lower Upper
122 100
105 129.4 122.6 162.6
77 107.4 100.9 140.9



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: 23.55 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

Tot Ion:127 Resp: 548670

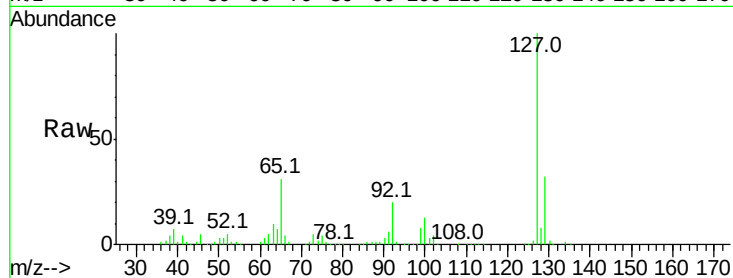
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 30.9 37.8 56.8#

92 20.2 20.6 31.0#

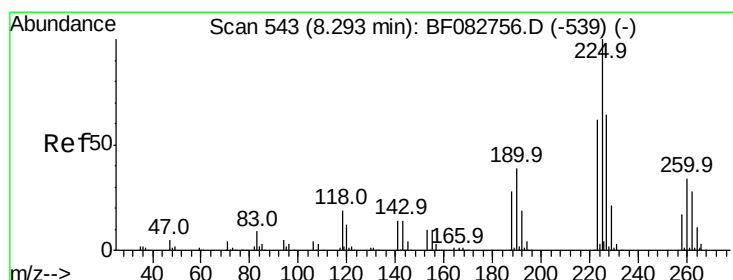
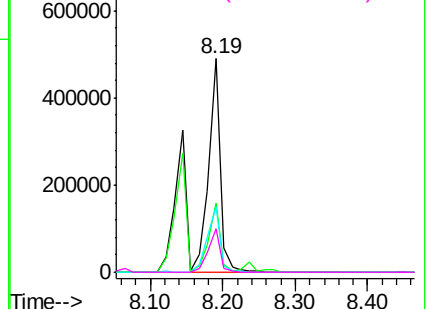
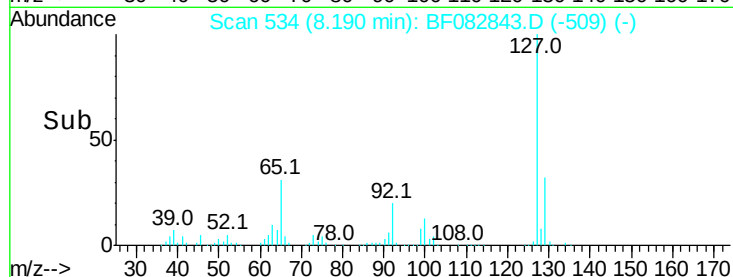


Abundance Ion 127.00 (126.70 to 127.70): E

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: 44.97 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

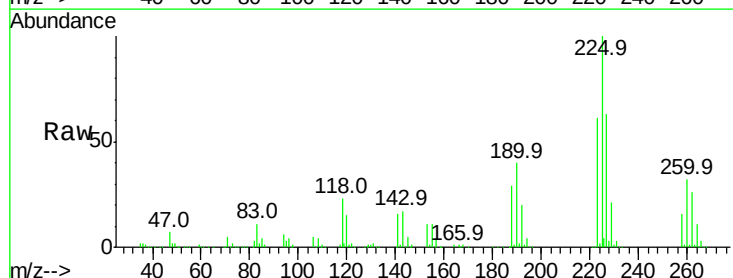
Tgt Ion:225 Resp: 493911

Ion Ratio Lower Upper

225 100

223 61.2 50.5 75.7

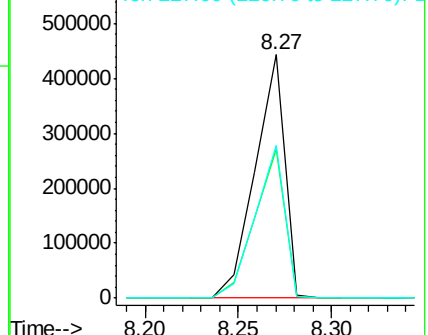
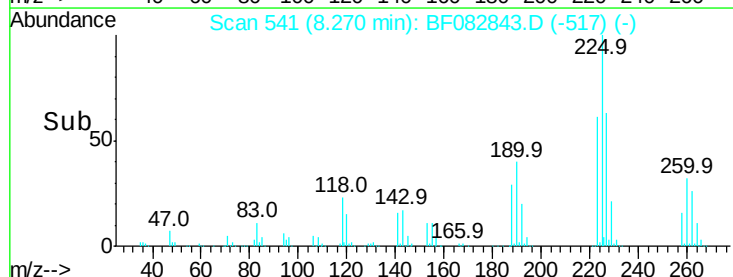
227 62.6 50.2 75.2

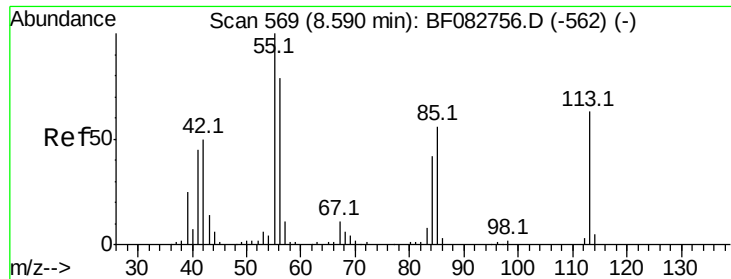


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

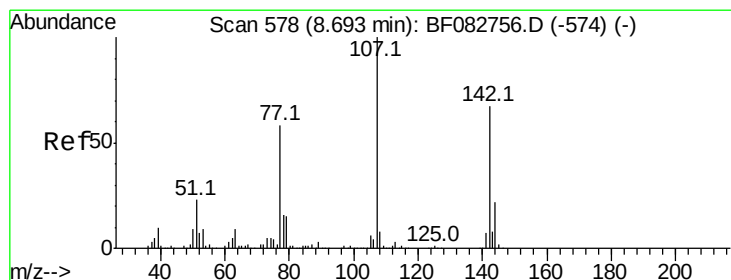
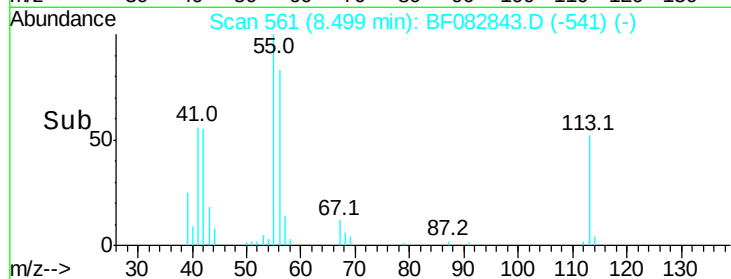
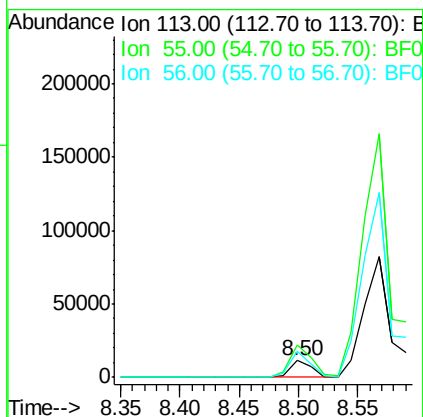
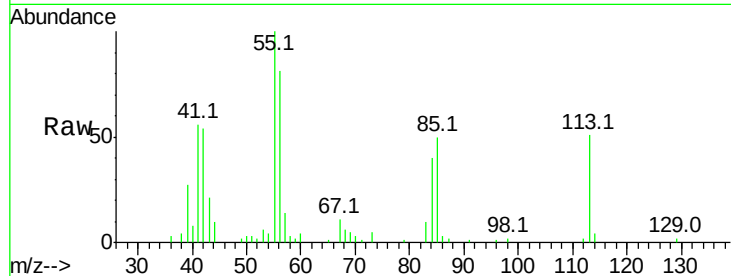




#35
 Caprolactam
 Concen: 3.04 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.07 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

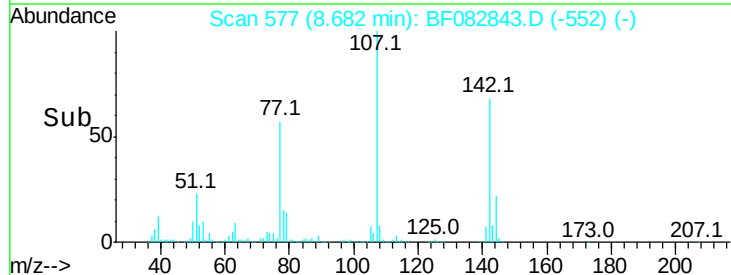
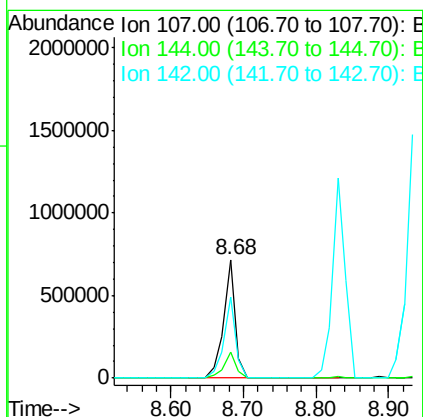
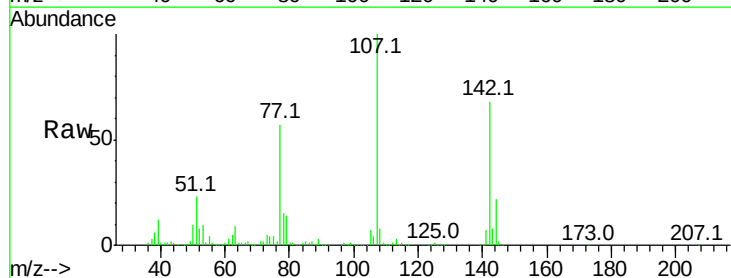
Instrument :
 BNA_F
 ClientSampled :
 D3MS

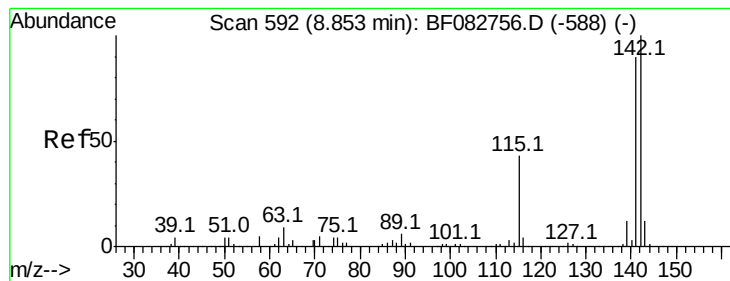
Tot Ion:113 Resp: 14965
 Ion Ratio Lower Upper
 113 100
 55 195.6 195.5 235.5
 56 158.4 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.70 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion:107 Resp: 802123
 Ion Ratio Lower Upper
 107 100
 144 21.9 15.4 23.0
 142 68.5 47.8 71.8



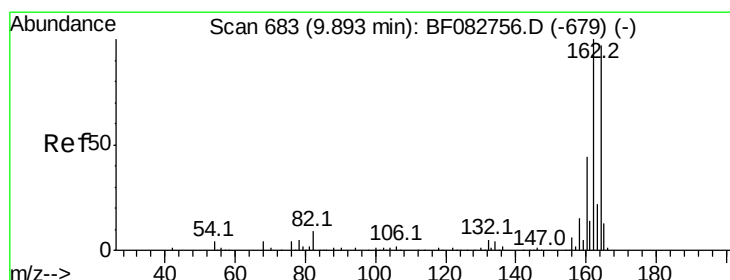
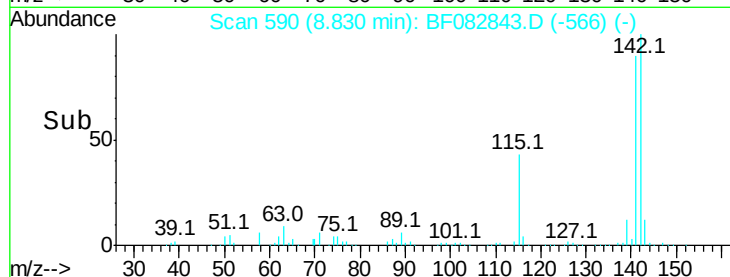
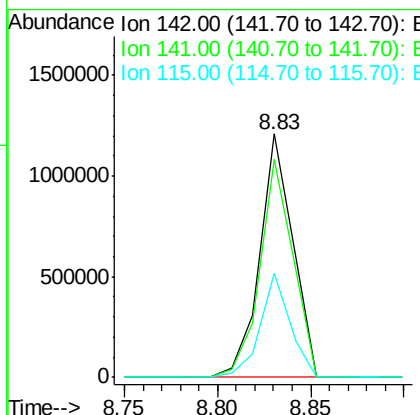
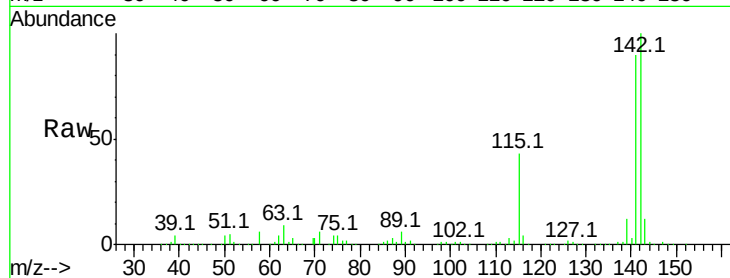


#37
 2-Methylnaphthalene
 Concen: 42.42 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Tot Ion:142 Resp: 1483297

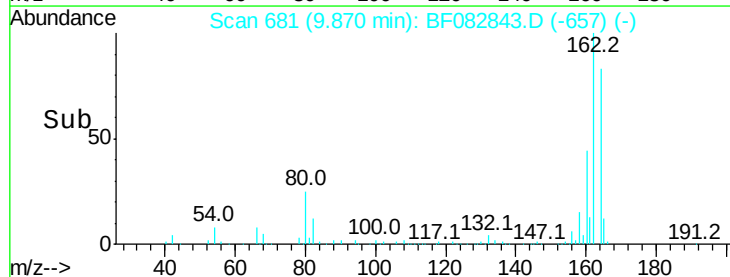
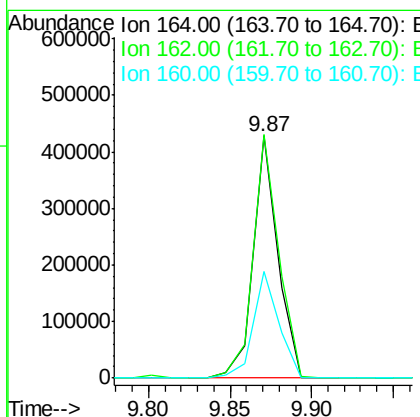
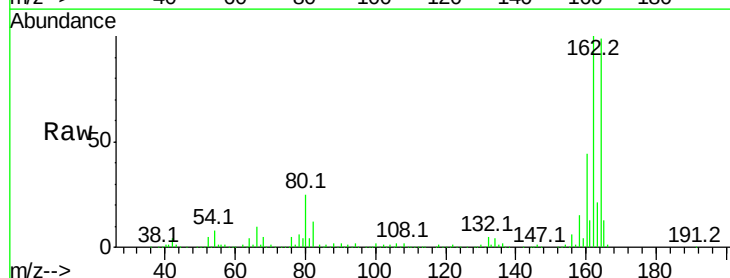
Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	42.9	38.1	57.1

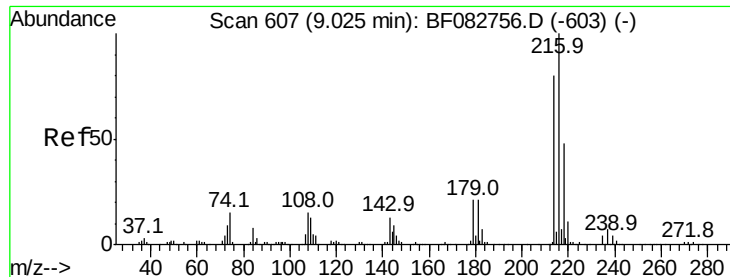


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion:164 Resp: 449370

Ion	Ratio	Lower	Upper
164	100		
162	100.6	84.9	127.3
160	44.2	37.5	56.3

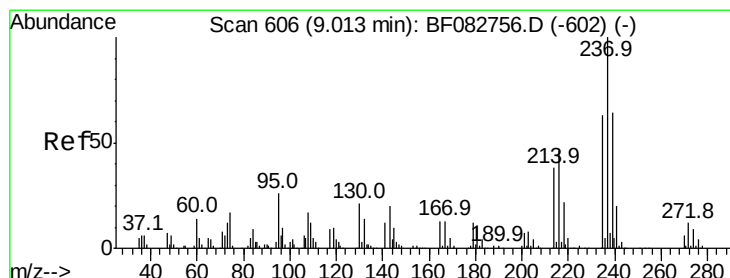
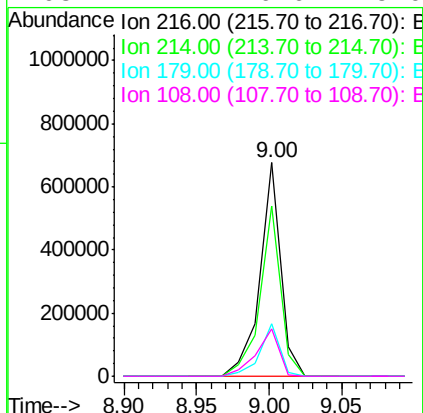
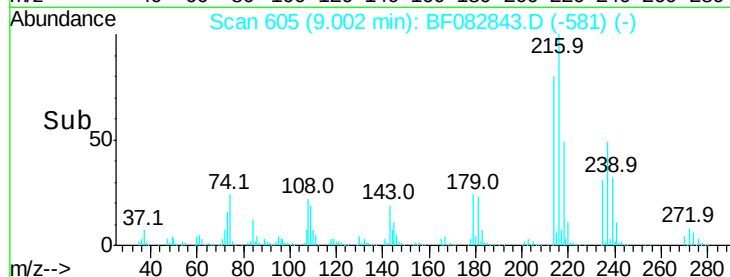
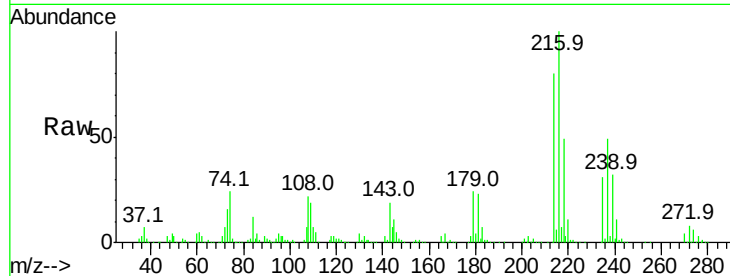




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.60 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

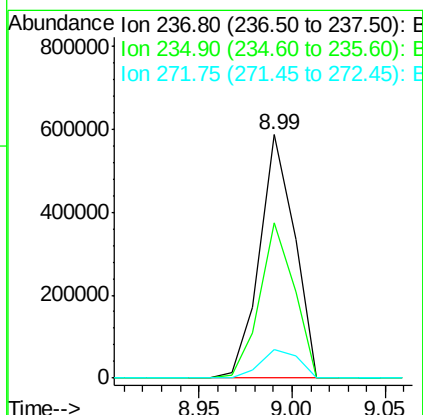
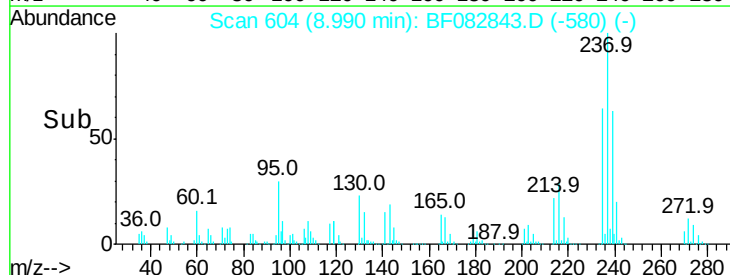
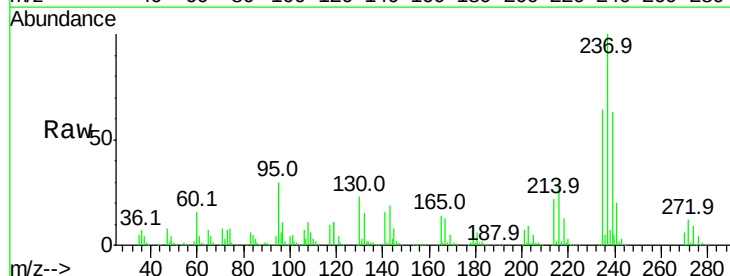
Instrument :
 BNA_F
 ClientSampleId :
 D3MS

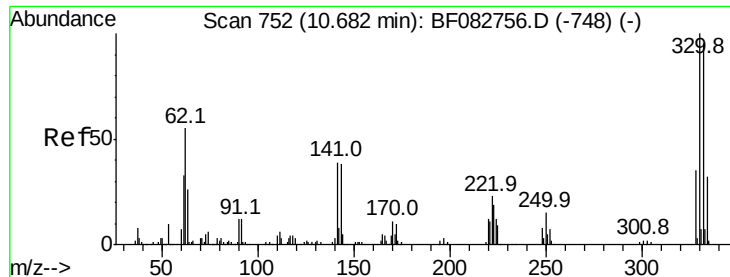
Tot Ion:	216	Resp:	673336
Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.2	93.2
179	23.2	18.1	27.1
108	24.2	16.6	25.0



#40
 Hexachlorocyclopentadiene
 Concen: 95.54 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion:	237	Resp:	758006
Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.3	84.3
272	11.9	0.0	31.9

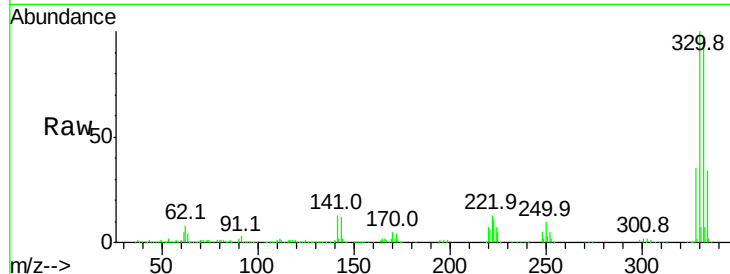




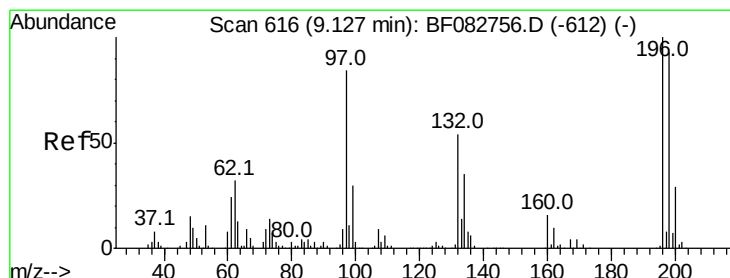
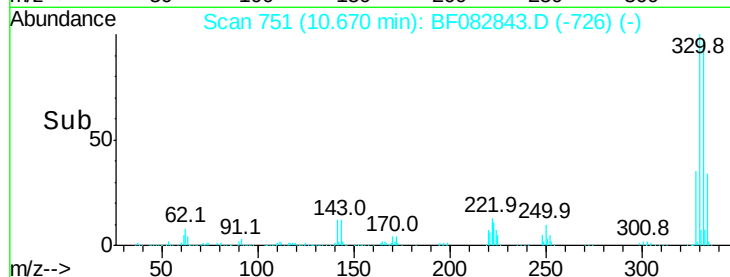
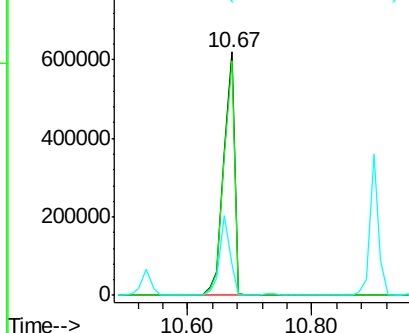
#41
 2,4,6-Tribromophenol
 Concen: 144.07 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Tot Ion:330 Resp: 742335
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 31.7 41.2 61.8#

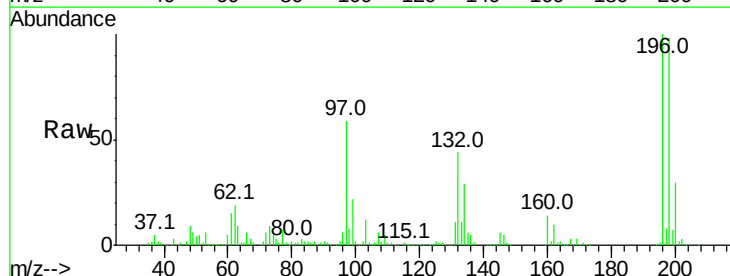


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

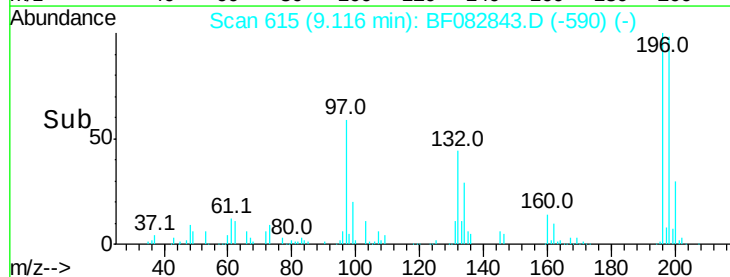
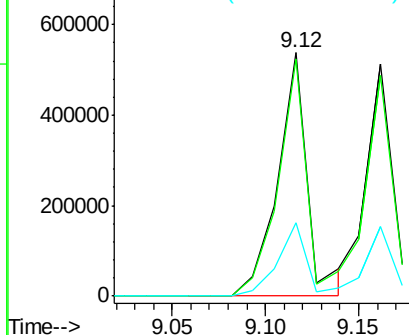


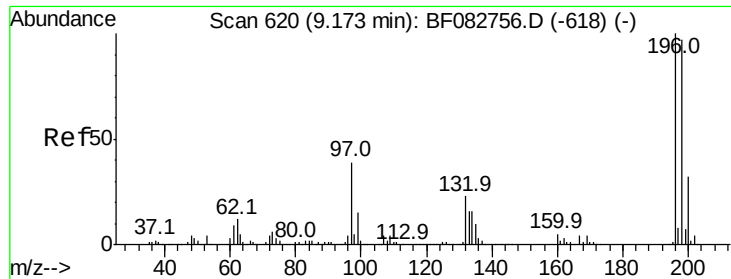
#42
 2,4,6-Trichlorophenol
 Concen: 54.14 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion:196 Resp: 596741
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.3 114.5
 200 30.1 23.9 35.9



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

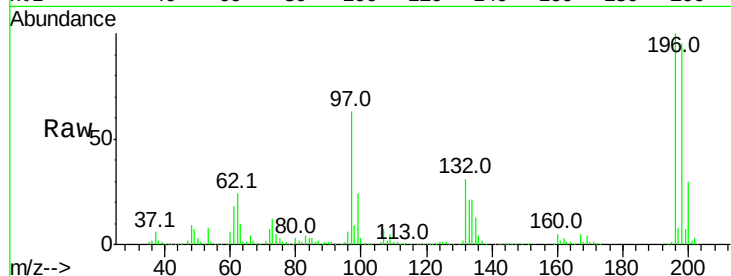




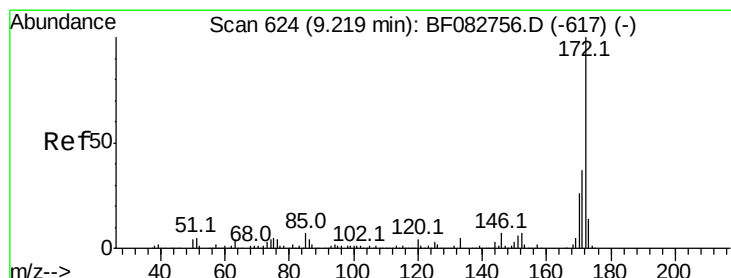
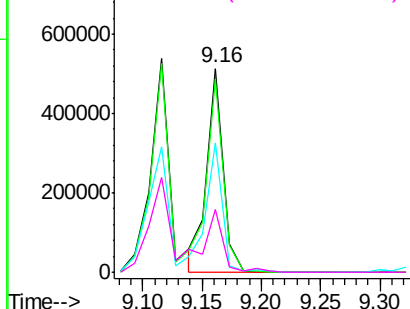
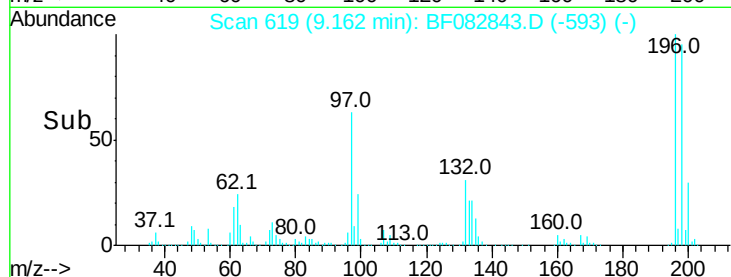
#43
 2,4,5-Trichlorophenol
 Concen: 45.58 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampleId :
 D3MS

Tot Ion:196 Resp: 496934
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.8 113.8
 97 63.3 62.3 93.5
 132 31.0 27.4 41.2

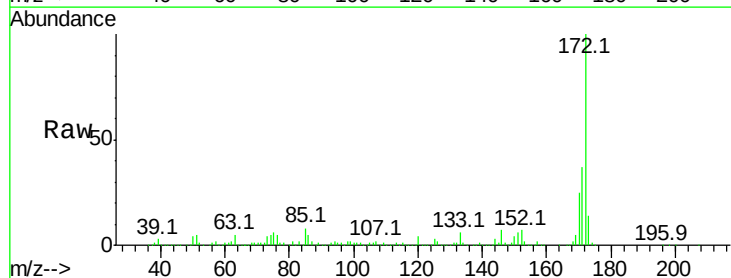


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

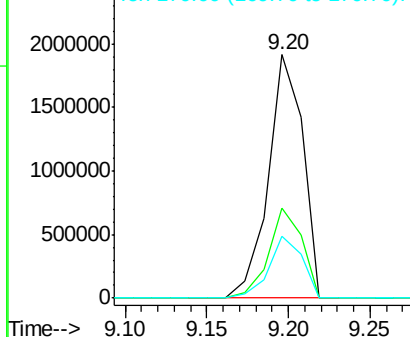
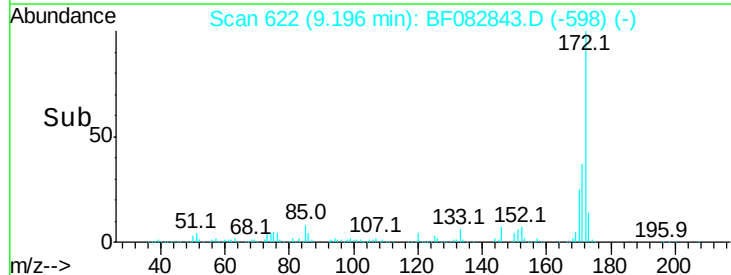


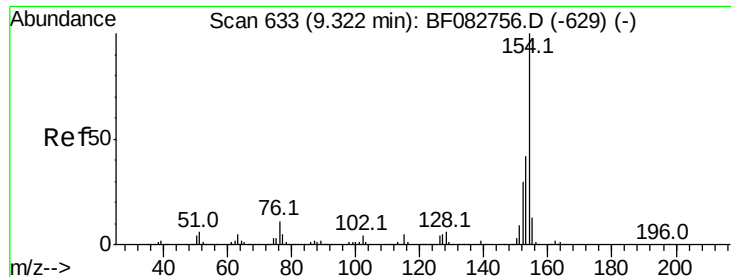
#44
 2-Fluorobiphenyl
 Concen: 89.81 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion:172 Resp: 2815832
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.2 21.2 31.8



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: 47.01 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

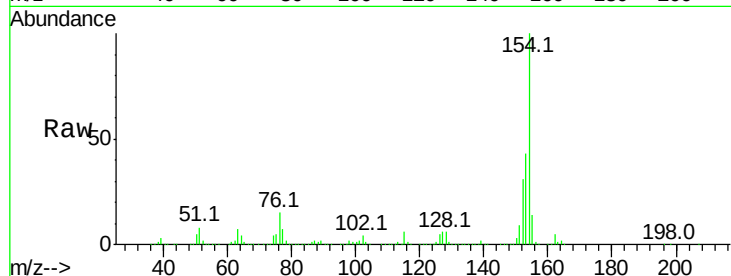
Tot Ion:154 Resp: 1812667

Ion Ratio Lower Upper

154 100

153 42.9 22.0 62.0

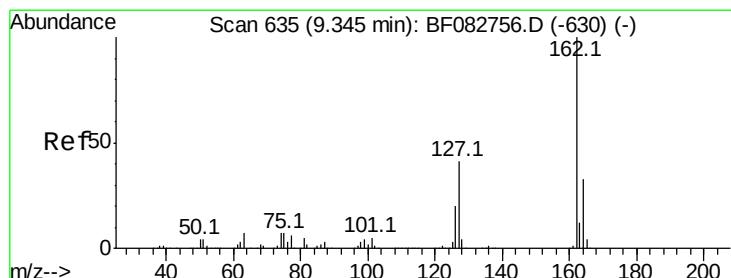
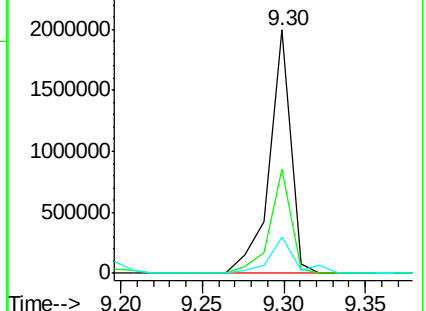
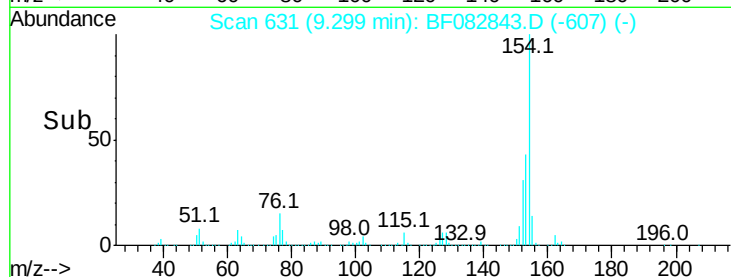
76 14.6 0.0 29.0



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: 47.75 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

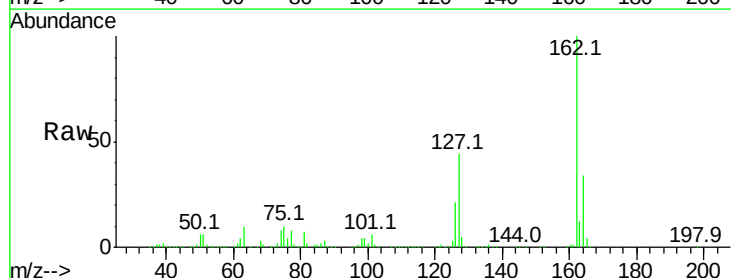
Tgt Ion:162 Resp: 1436377

Ion Ratio Lower Upper

162 100

127 44.2 32.7 49.1

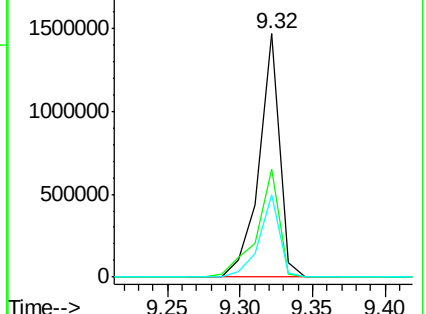
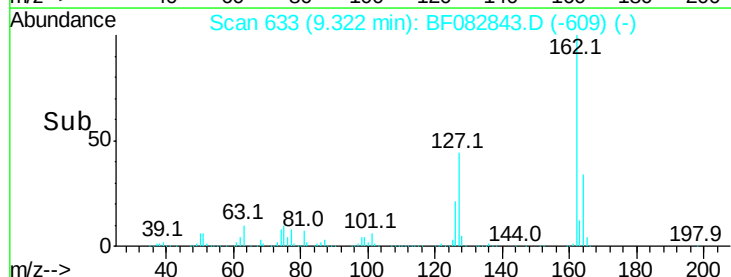
164 33.9 27.4 41.0

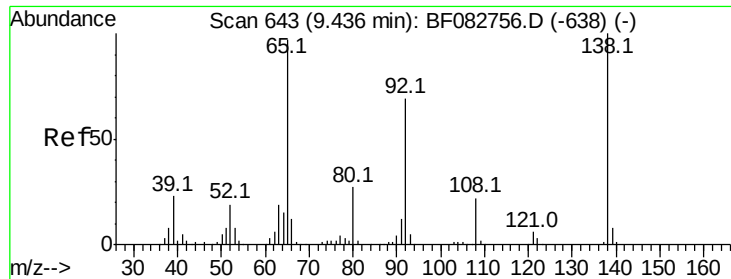


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

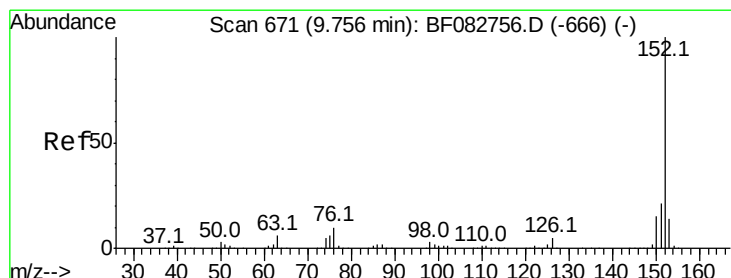
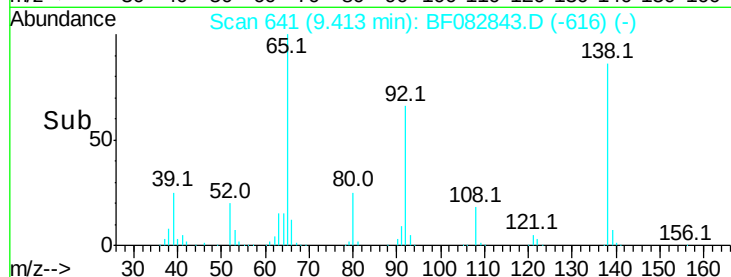
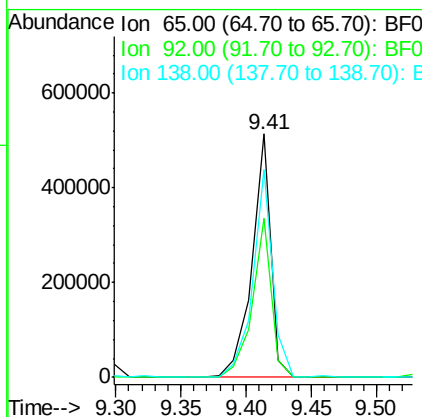
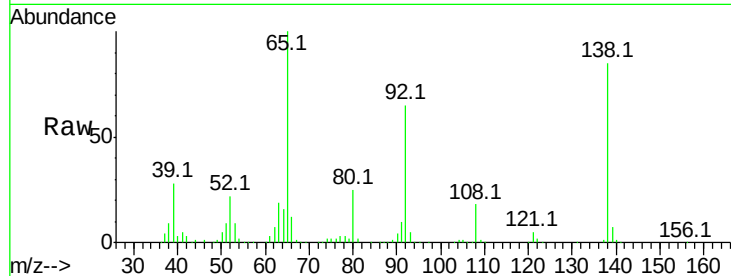




#47
2-Nitroaniline
Concen: 46.16 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

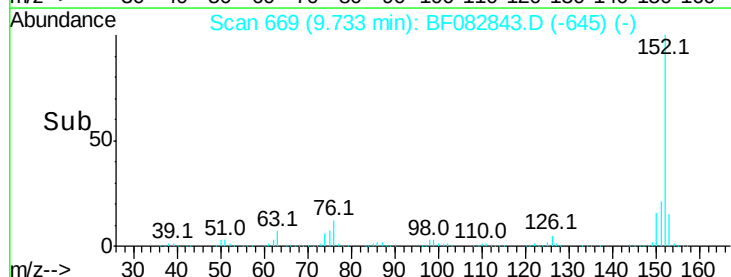
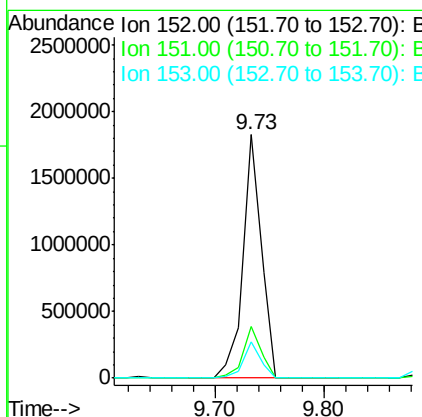
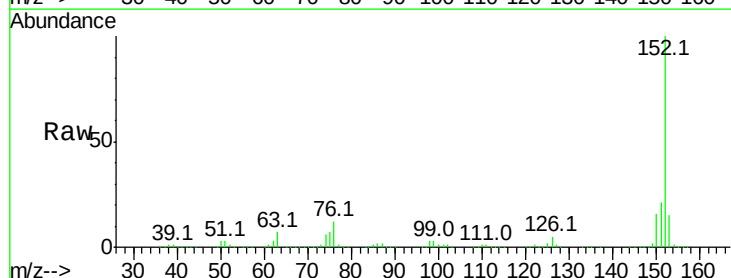
Instrument :
BNA_F
ClientSampleId :
D3MS

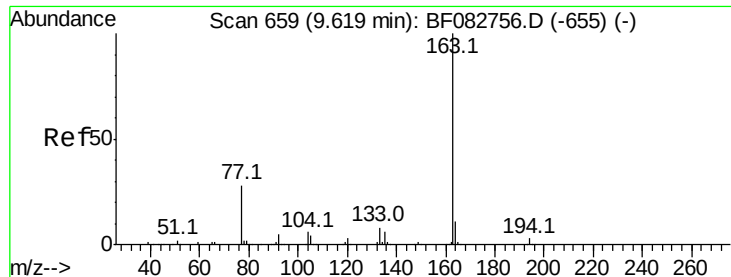
Tot Ion: 65 Resp: 514998
Ion Ratio Lower Upper
65 100
92 65.1 46.6 70.0
138 85.3 54.6 81.8#



#48
Acenaphthylene
Concen: 45.19 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion: 152 Resp: 2130166
Ion Ratio Lower Upper
152 100
151 21.1 17.3 25.9
153 14.6 11.3 16.9





#49

Dimethylphthalate

Concen: 64.23 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

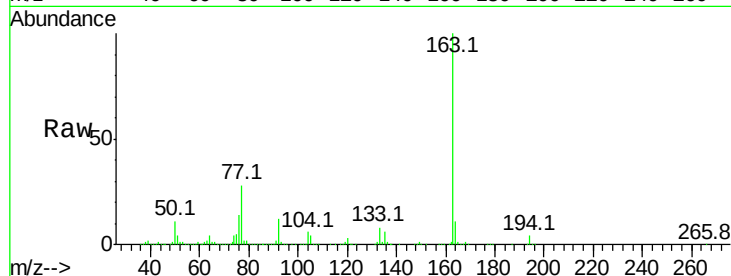
Tot Ion:163 Resp: 2364836

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

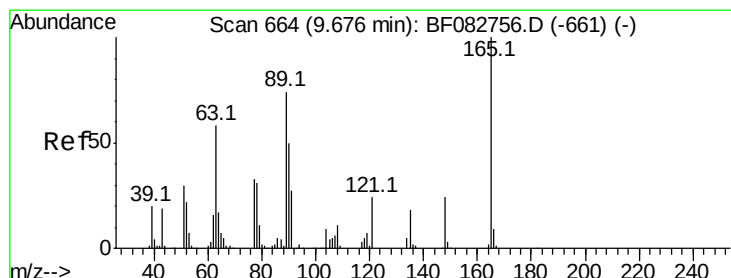
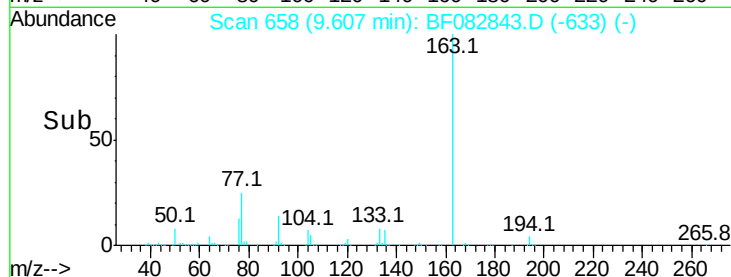
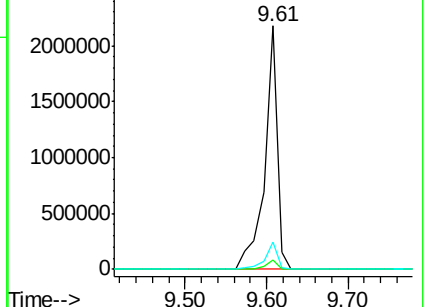
164 11.2 8.7 13.1



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: 56.79 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

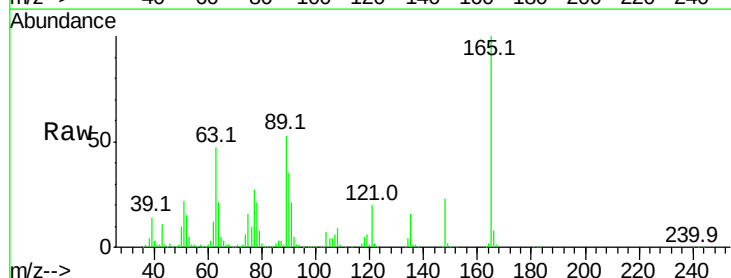
Tgt Ion:165 Resp: 446101

Ion Ratio Lower Upper

165 100

63 46.6 55.5 83.3#

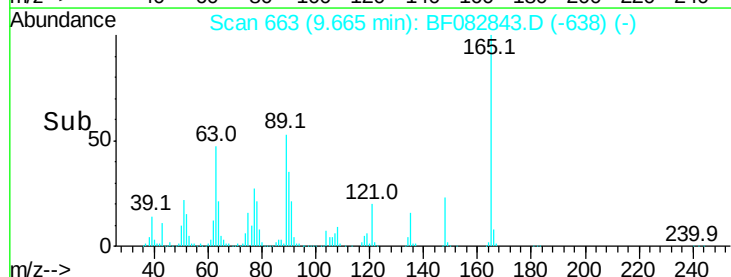
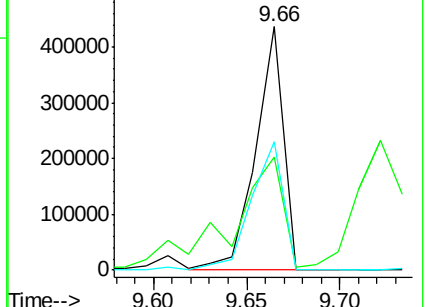
89 52.6 55.0 82.6#

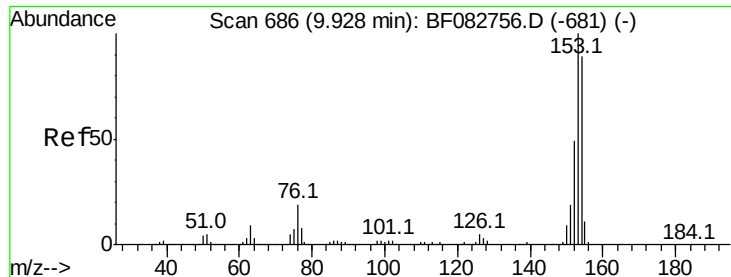


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.10 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

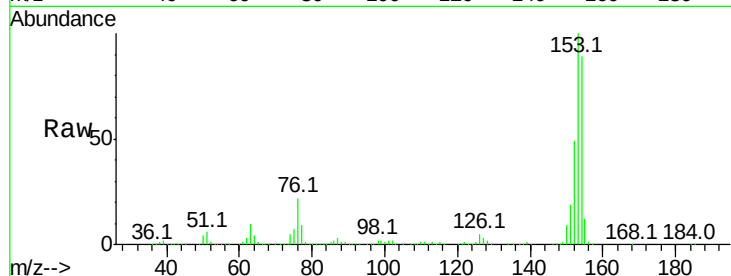
Tot Ion:154 Resp: 1407186

Ion Ratio Lower Upper

154 100

153 112.3 90.1 135.1

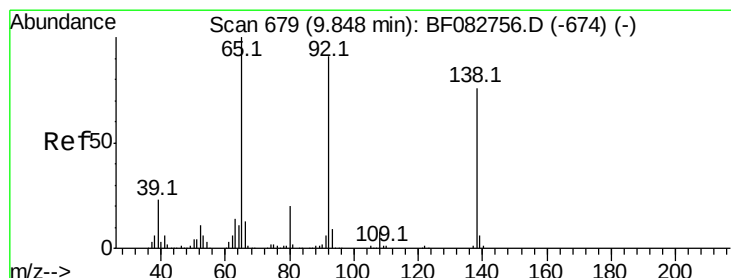
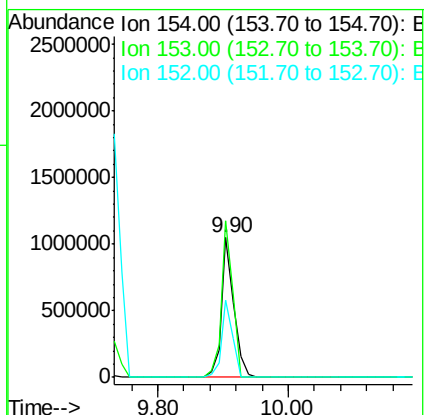
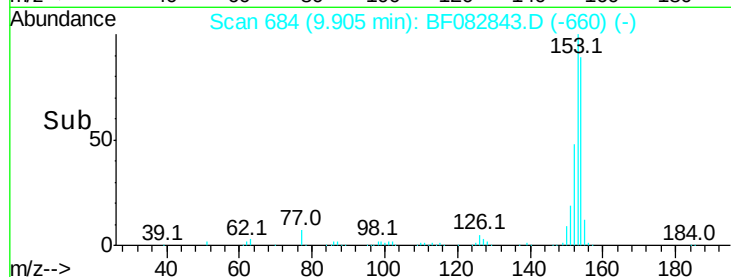
152 55.1 44.3 66.5



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: 32.91 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

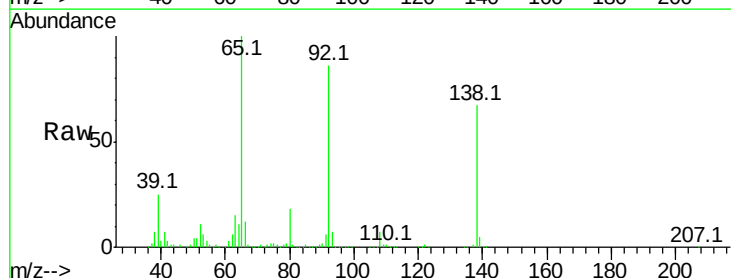
Tgt Ion:138 Resp: 284337

Ion Ratio Lower Upper

138 100

108 10.9 11.3 16.9#

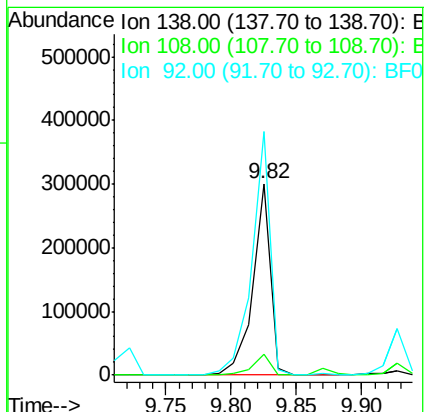
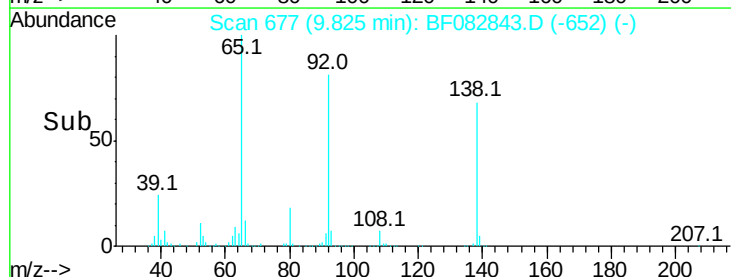
92 127.0 122.4 183.6

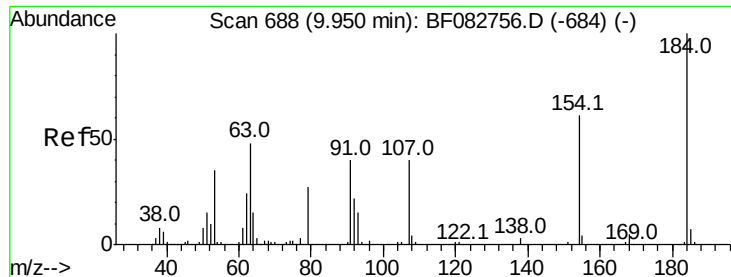


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

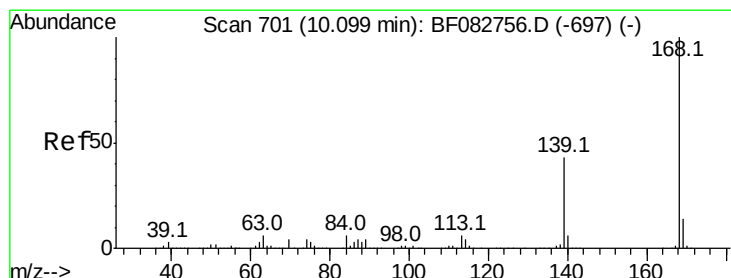
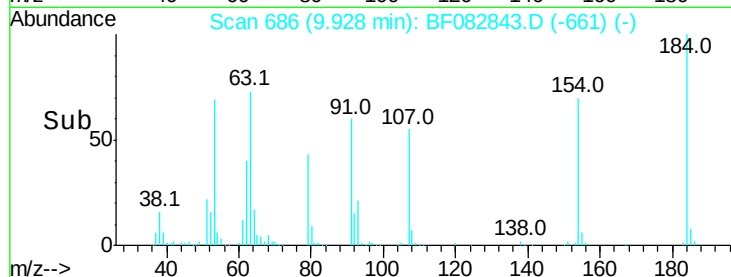
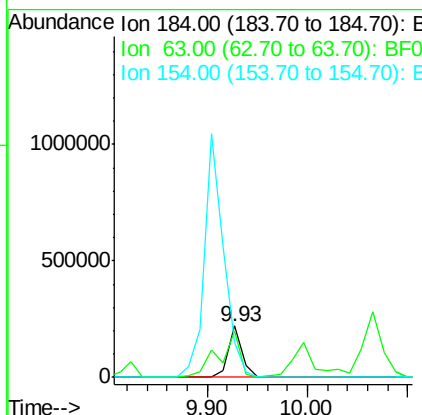
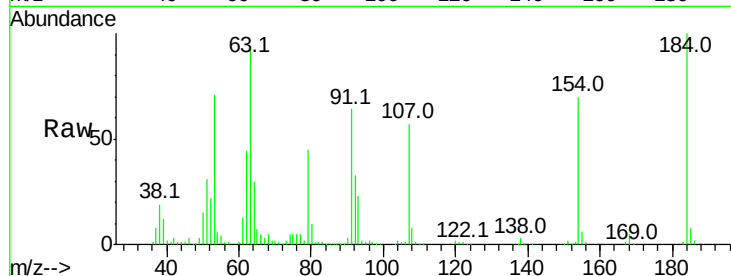




#53
 2,4-Dinitrophenol
 Concen: 50.01 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

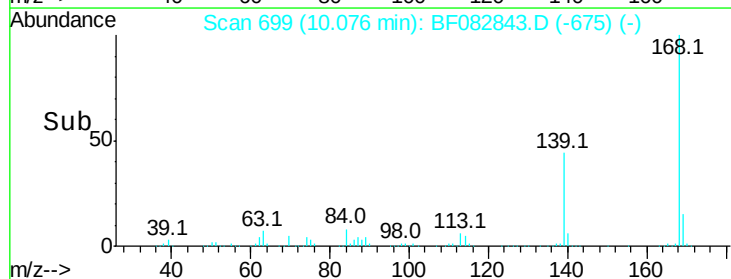
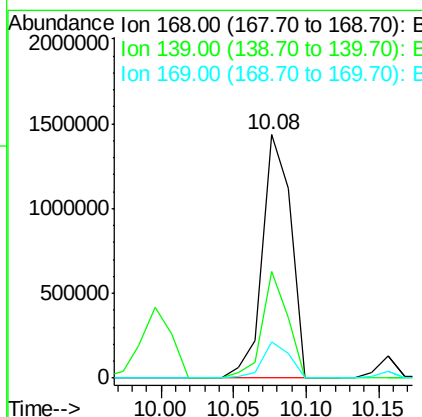
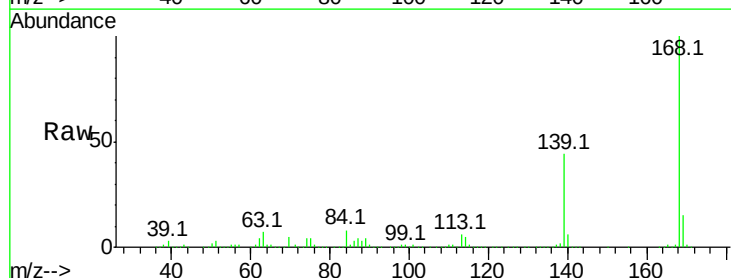
Instrument :
 BNA_F
 ClientSampled :
 D3MS

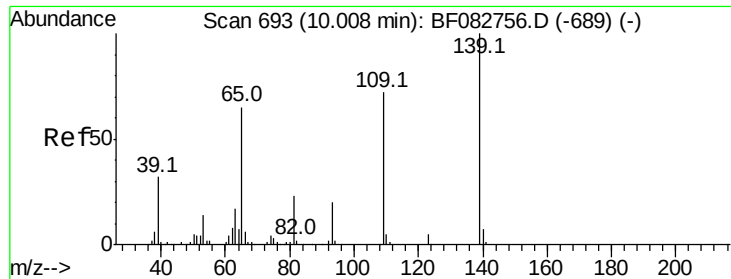
Tot Ion:184 Resp: 215720
 Ion Ratio Lower Upper
 184 100
 63 91.9 98.6 148.0#
 154 69.5 183.9 275.9#



#54
 Dibenzofuran
 Concen: 48.47 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion:168 Resp: 1952488
 Ion Ratio Lower Upper
 168 100
 139 43.6 37.8 56.6
 169 14.8 11.3 16.9

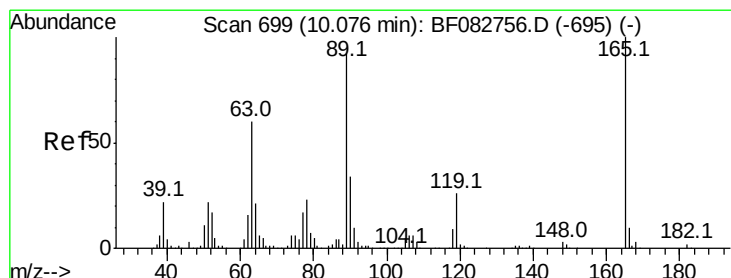
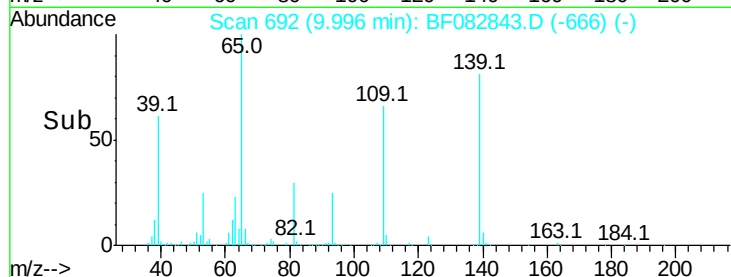
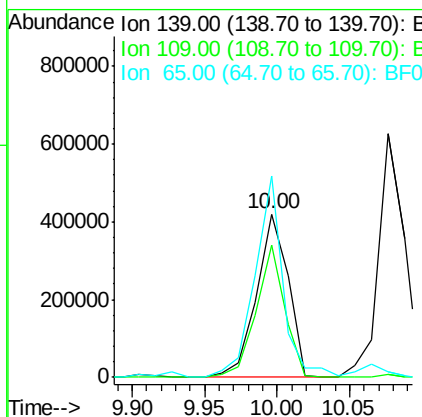
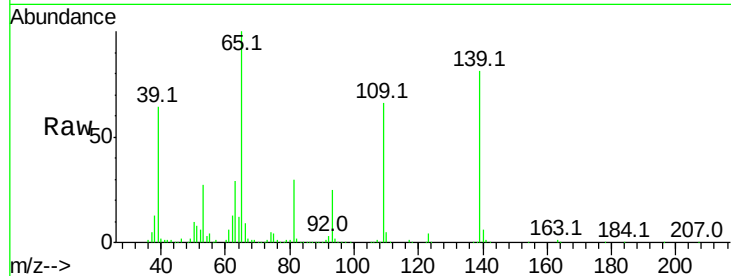




#55
4-Nitrophenol
Concen: 96.69 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

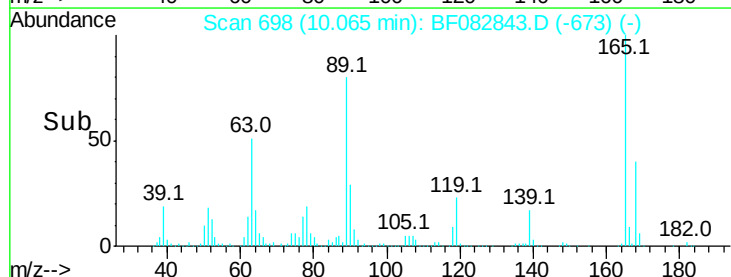
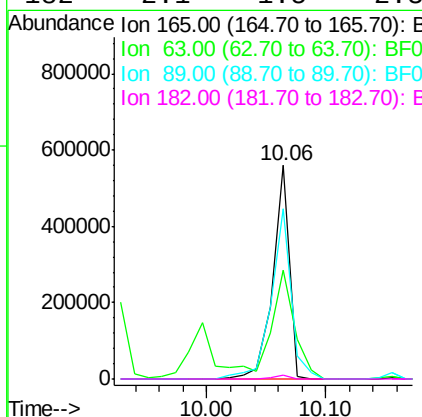
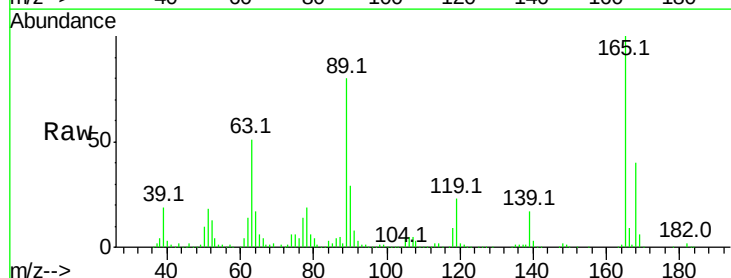
Instrument :
BNA_F
ClientSampleId :
D3MS

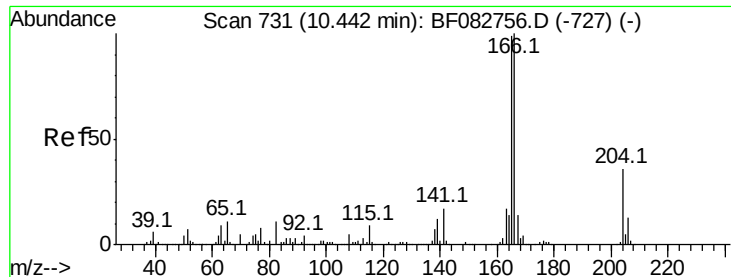
Tot Ion:139 Resp: 640870
Ion Ratio Lower Upper
139 100
109 81.4 73.7 113.7
65 123.3 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 51.16 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion:165 Resp: 545275
Ion Ratio Lower Upper
165 100
63 50.9 43.4 65.0
89 79.9 70.6 106.0
182 2.1 1.5 2.3





#57

Fluorene

Concen: 42.19 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

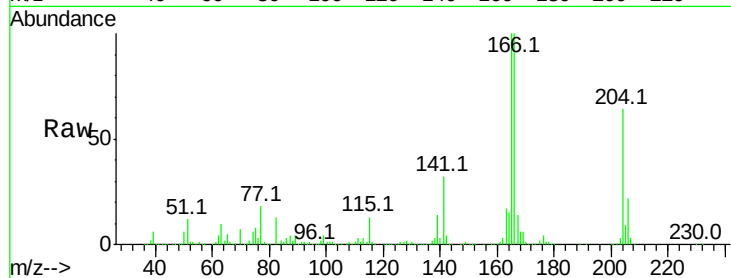
Tot Ion:166 Resp: 1376221

Ion Ratio Lower Upper

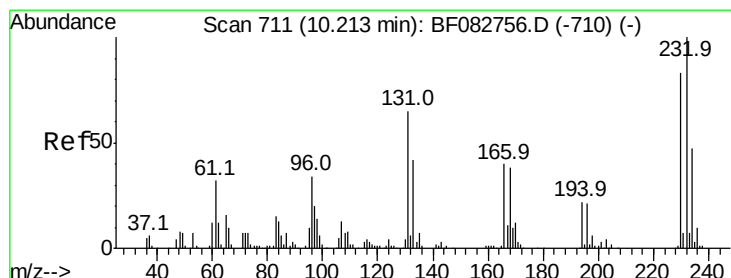
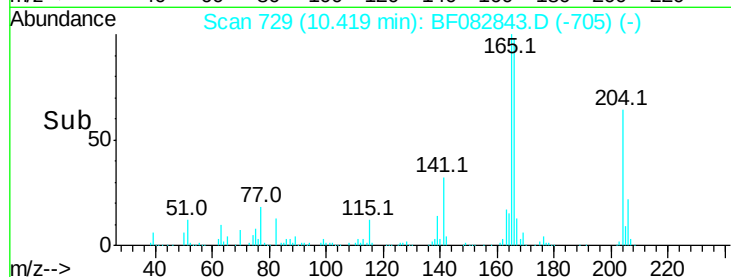
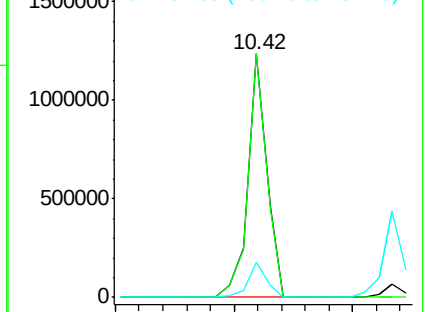
166 100

165 99.8 80.2 120.4

167 14.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.33 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:232 Resp: 465655

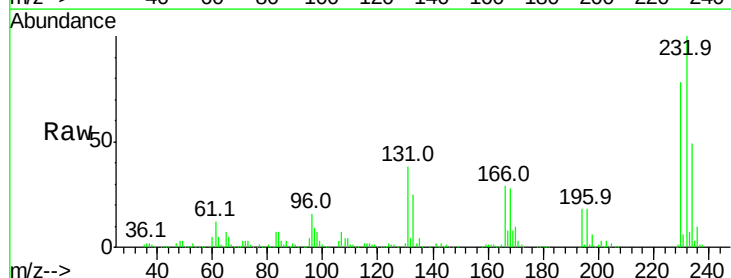
Ion Ratio Lower Upper

232 100

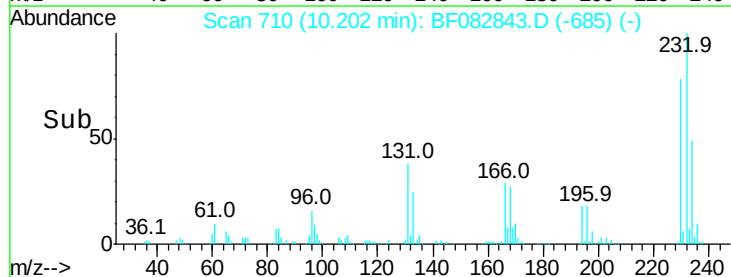
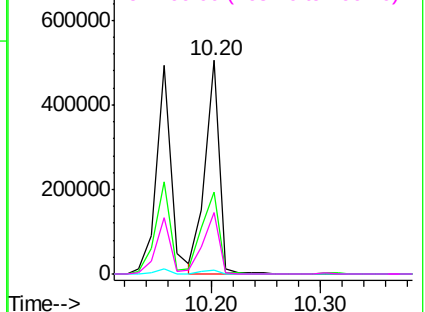
131 45.6 46.2 69.2#

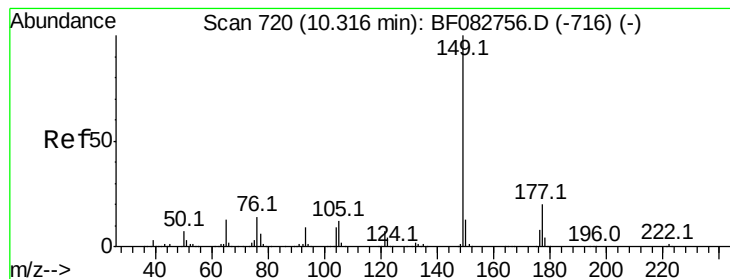
130 2.1 2.4 3.6#

166 30.9 28.2 42.2



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.42 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

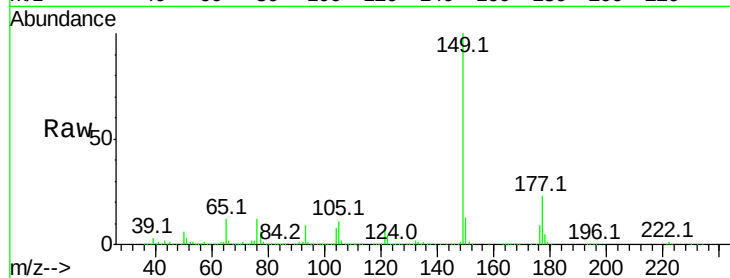
Tot Ion:149 Resp: 1632574

Ion Ratio Lower Upper

149 100

177 22.9 17.9 26.9

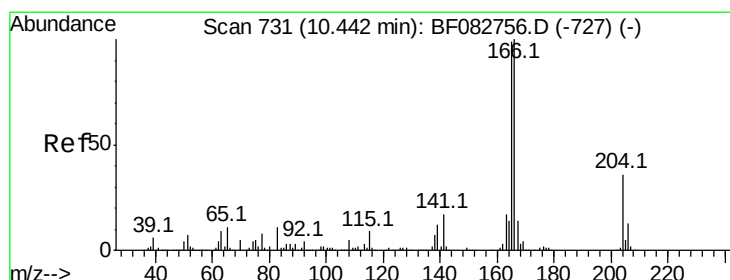
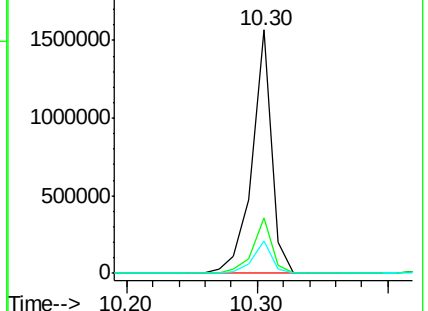
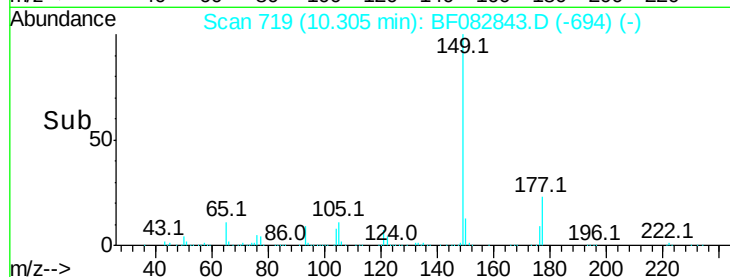
150 13.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.69 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

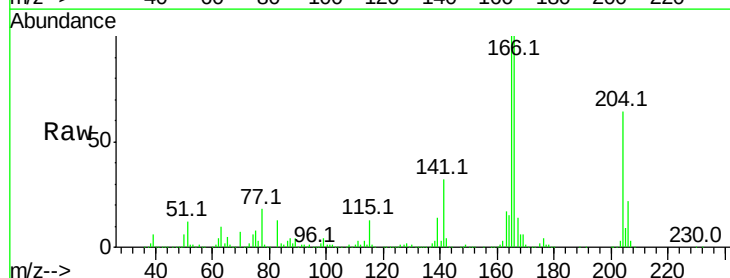
Tgt Ion:204 Resp: 794743

Ion Ratio Lower Upper

204 100

206 34.8 28.5 42.7

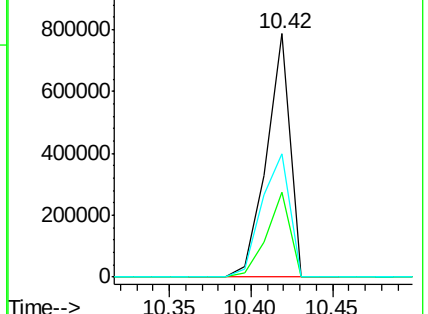
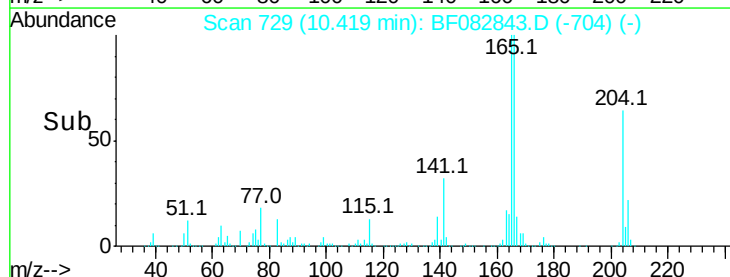
141 50.4 44.6 66.8

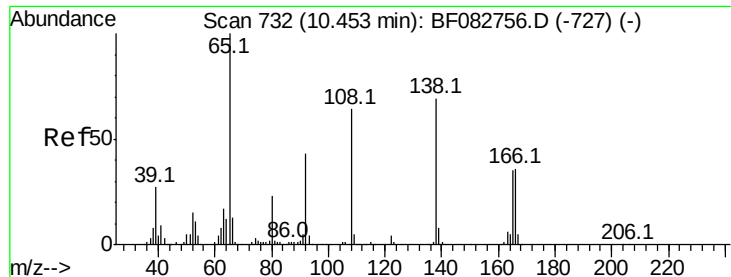


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

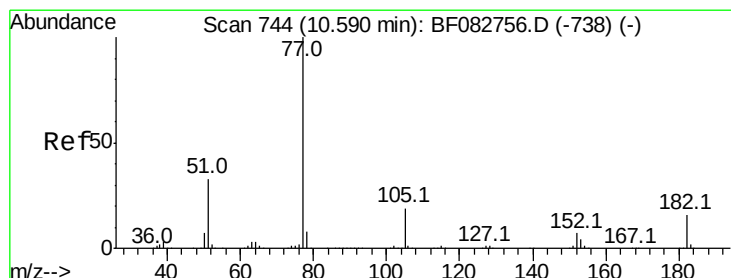
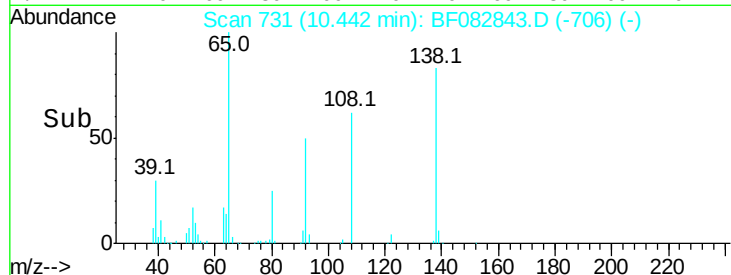
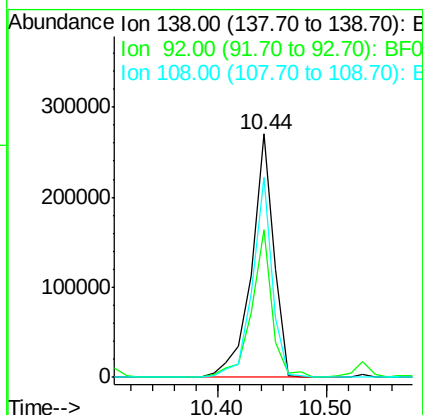
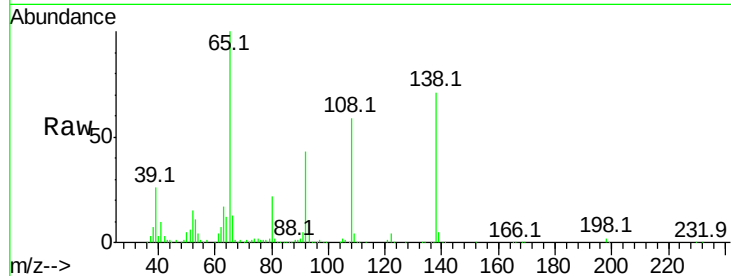




#61
4-Nitroaniline
Concen: 44.26 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

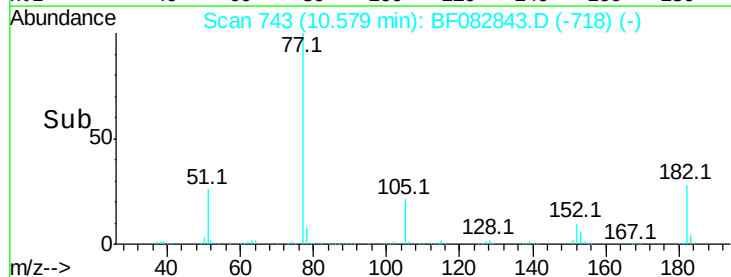
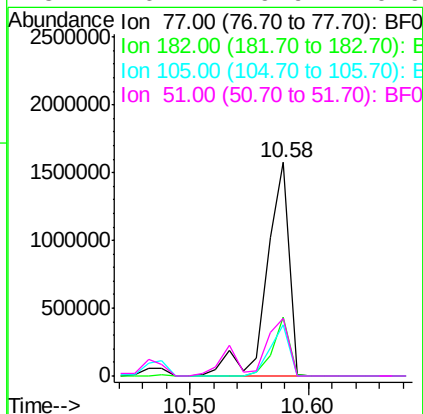
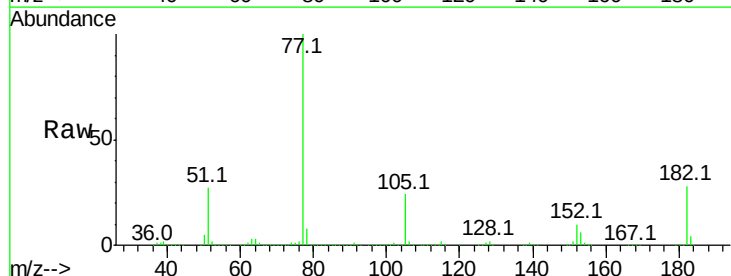
Instrument :
BNA_F
ClientSampleId :
D3MS

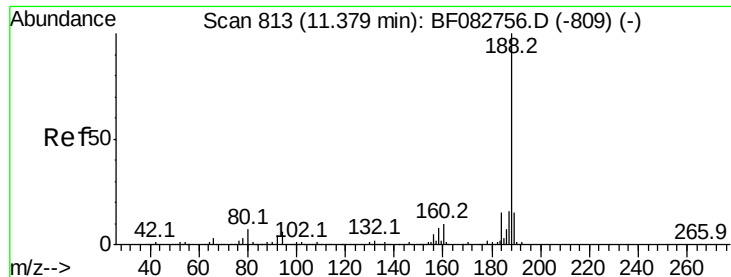
Tot Ion:138 Resp: 384547
Ion Ratio Lower Upper
138 100
92 60.4 45.8 85.8
108 82.3 89.4 129.4#



#62
Azobenzene
Concen: 53.80 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion: 77 Resp: 2077328
Ion Ratio Lower Upper
77 100
182 27.9 9.3 49.3
105 23.9 2.6 42.6
51 26.7 9.9 49.9

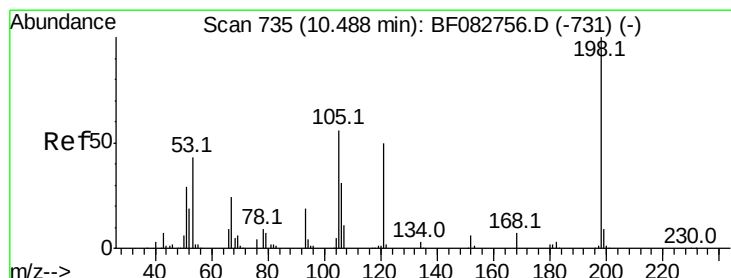
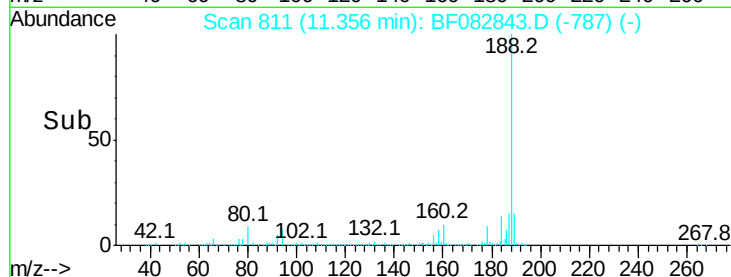
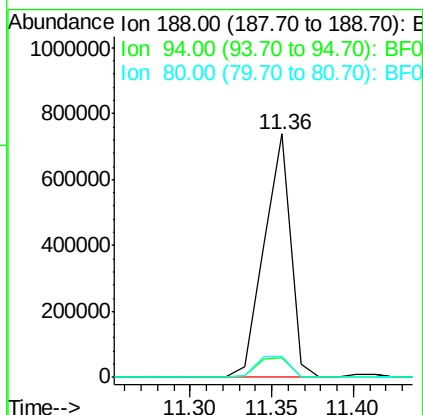
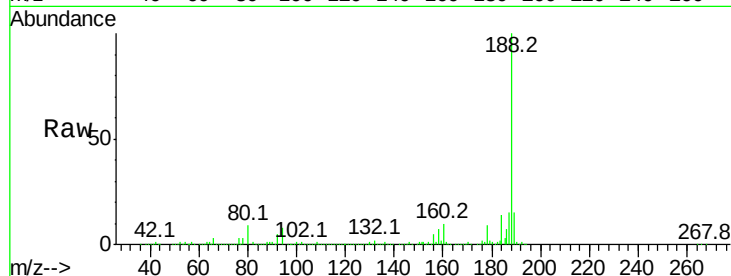




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

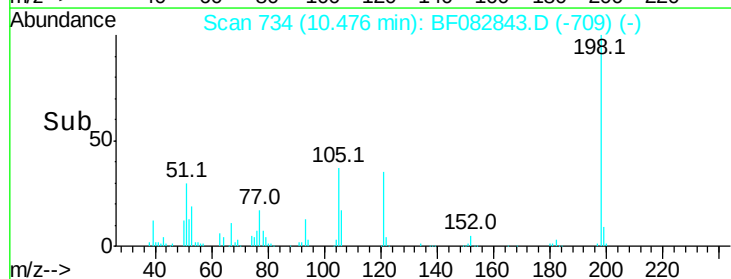
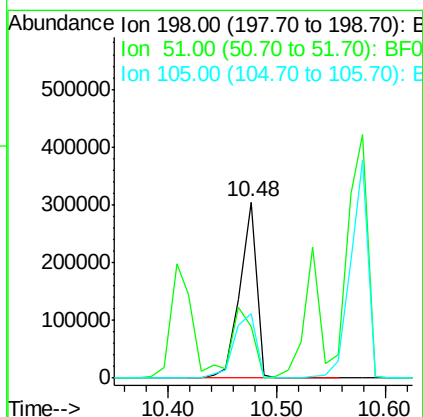
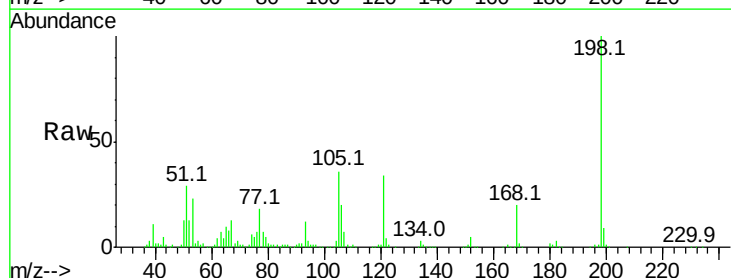
Instrument :
BNA_F
ClientSampleId :
D3MS

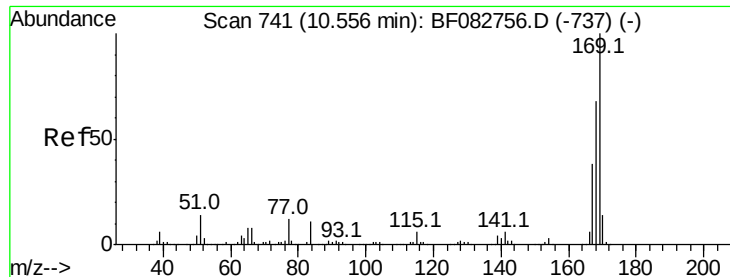
Tot Ion:188 Resp: 836878
Ion Ratio Lower Upper
188 100
94 7.9 6.1 9.1
80 8.6 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 54.20 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion:198 Resp: 323128
Ion Ratio Lower Upper
198 100
51 29.2 17.3 57.3
105 36.3 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 43.30 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

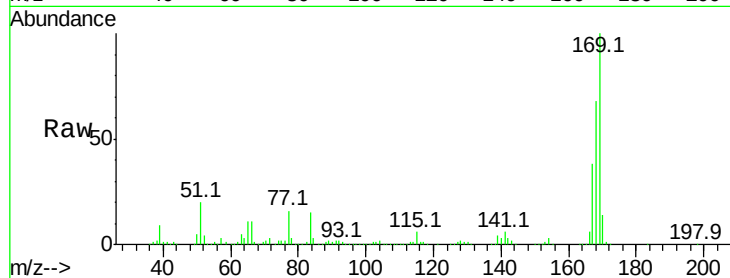
Tot Ion:169 Resp: 1309146

Ion Ratio Lower Upper

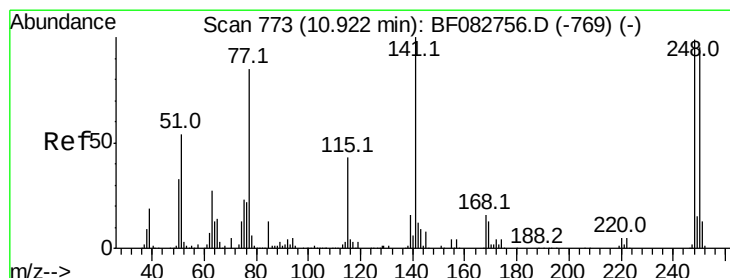
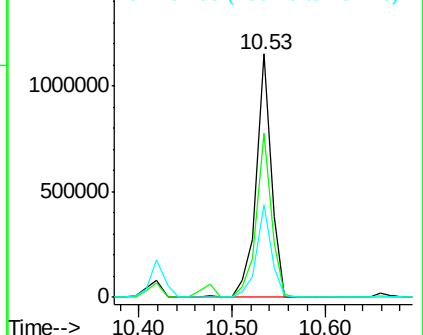
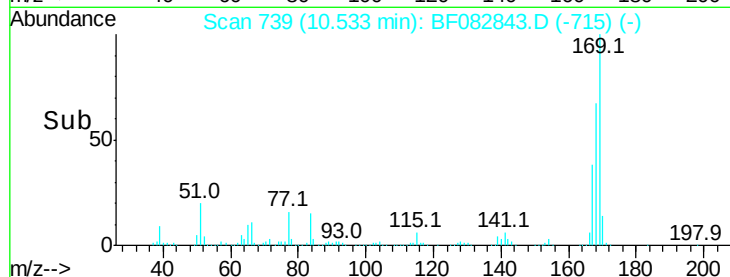
169 100

168 67.5 55.0 82.6

167 38.1 30.5 45.7



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: 43.76 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

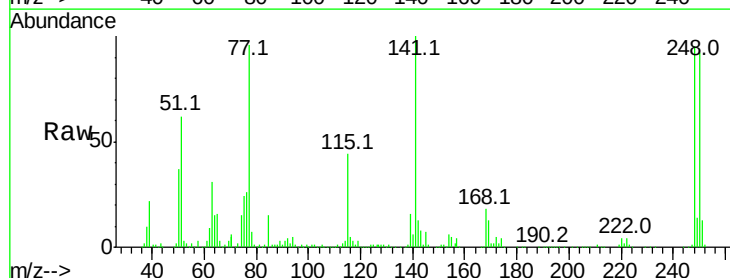
Tgt Ion:248 Resp: 440988

Ion Ratio Lower Upper

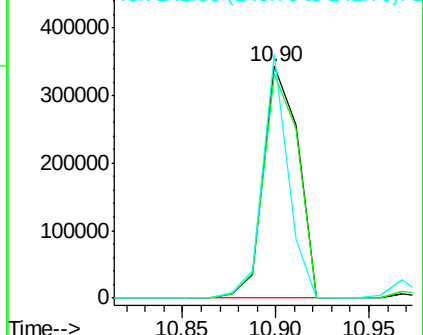
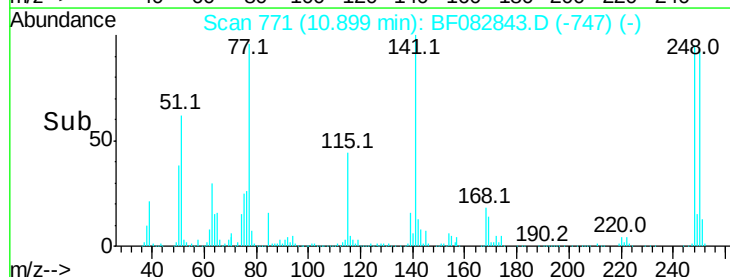
248 100

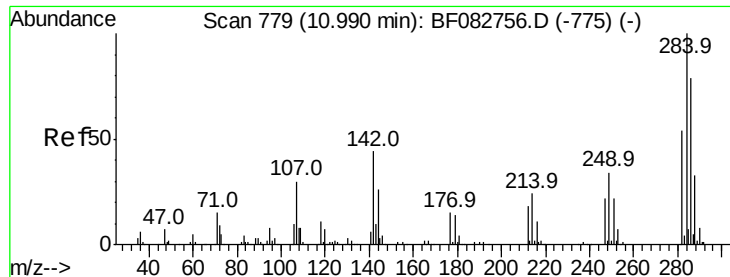
250 96.7 79.4 119.2

141 105.2 36.3 54.5#



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

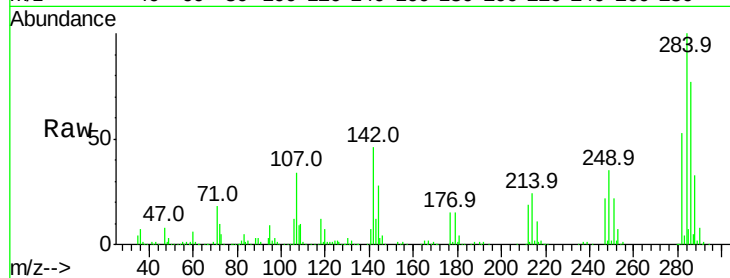




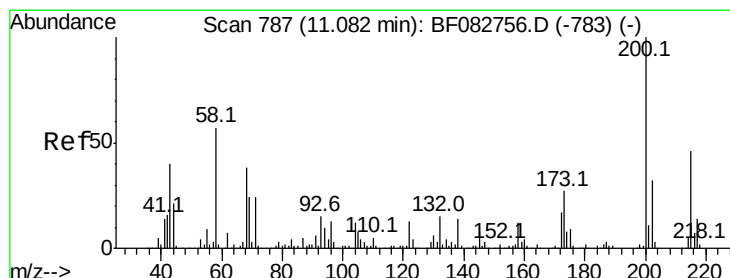
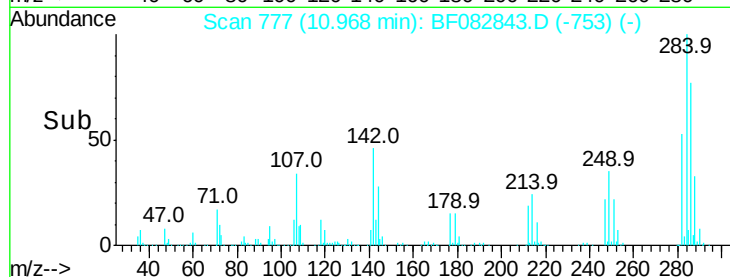
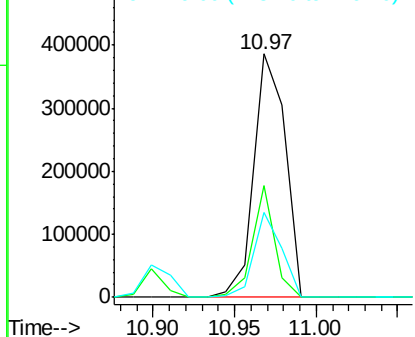
#67
Hexachlorobenzene
Concen: 45.74 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Instrument :
BNA_F
ClientSampleId :
D3MS

Tot Ion:284 Resp: 514623
Ion Ratio Lower Upper
284 100
142 46.2 47.9 71.9#
249 34.9 29.7 44.5

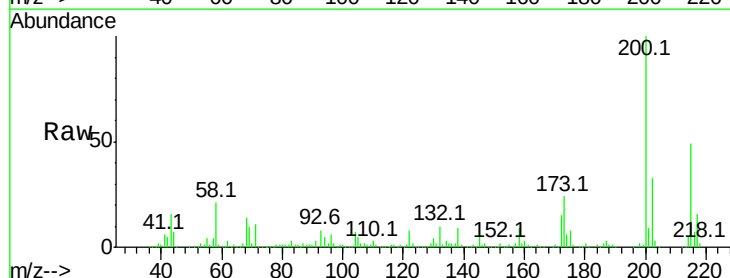


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

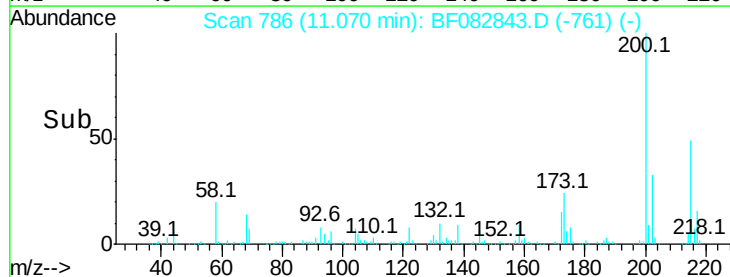
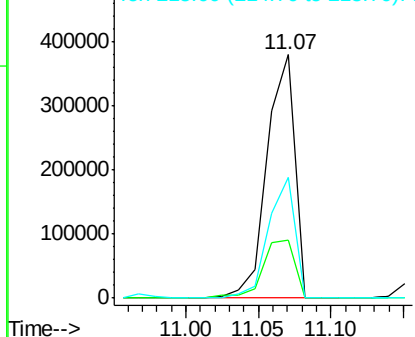


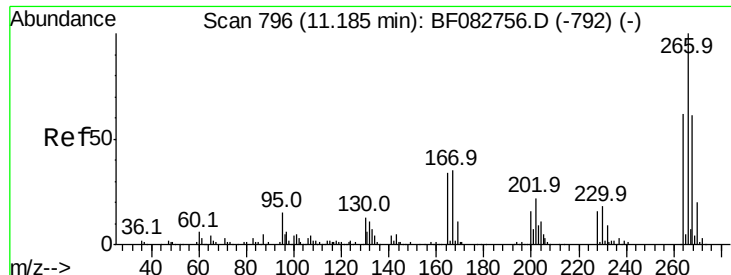
#68
Atrazine
Concen: 53.74 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion:200 Resp: 502456
Ion Ratio Lower Upper
200 100
173 23.8 6.9 46.9
215 49.5 22.9 62.9



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

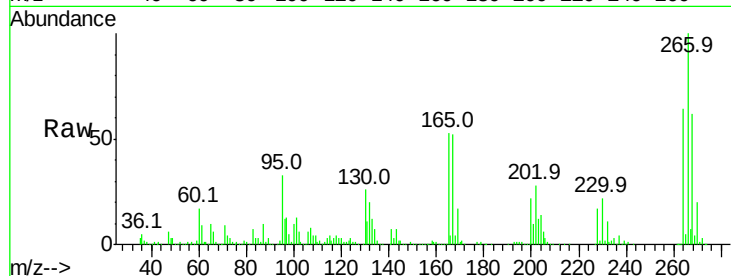




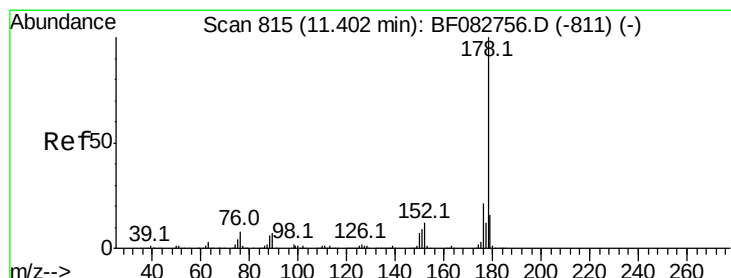
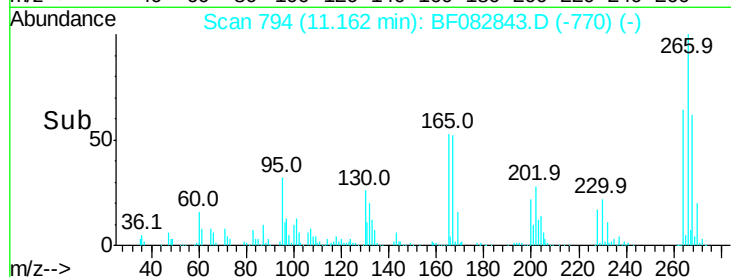
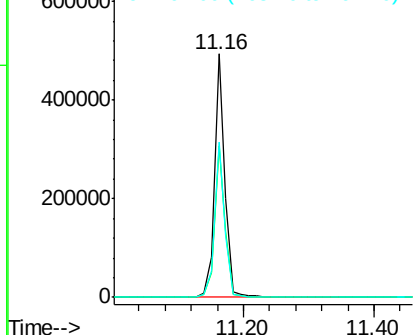
#69
 Pentachlorophenol
 Concen: 82.18 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Instrument :
 BNA_F
 ClientSampled :
 D3MS

Tot Ion:266 Resp: 561520
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.0 76.6
 264 63.6 50.6 75.8

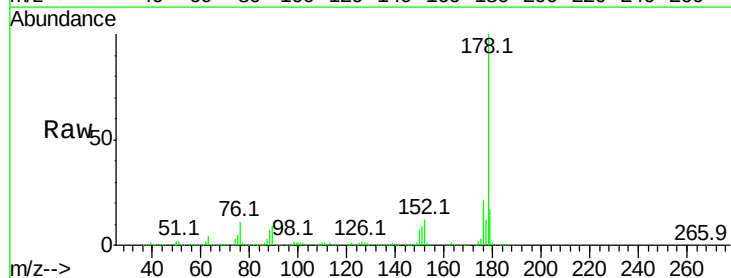


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

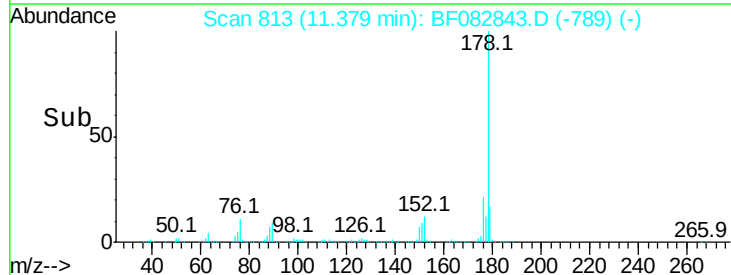
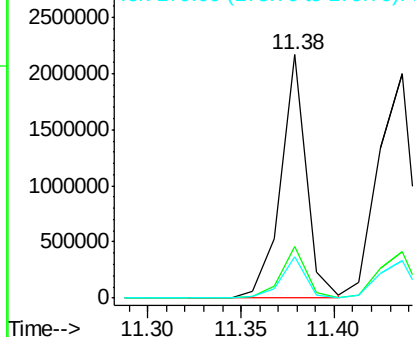


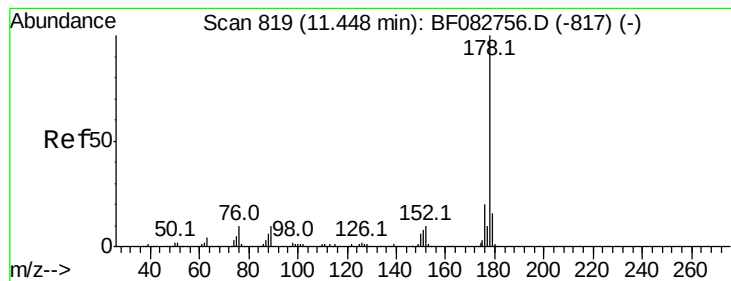
#70
 Phenanthrene
 Concen: 42.79 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion:178 Resp: 2079571
 Ion Ratio Lower Upper
 178 100
 176 21.4 17.0 25.4
 179 17.0 13.4 20.0



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





#71

Anthracene

Concen: 46.95 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

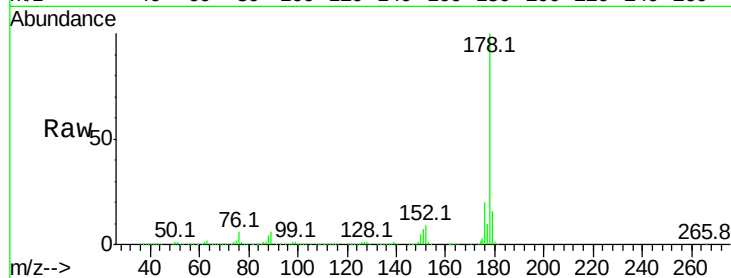
Tot Ion:178 Resp: 2403564

Ion Ratio Lower Upper

178 100

176 20.5 16.5 24.7

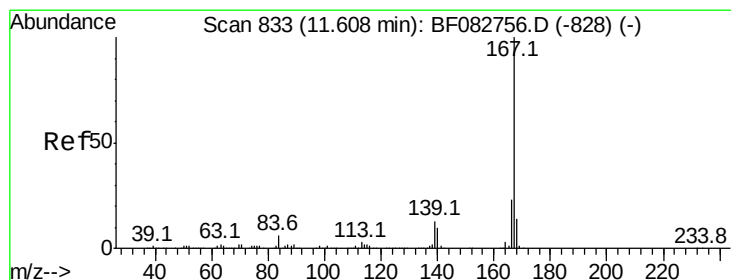
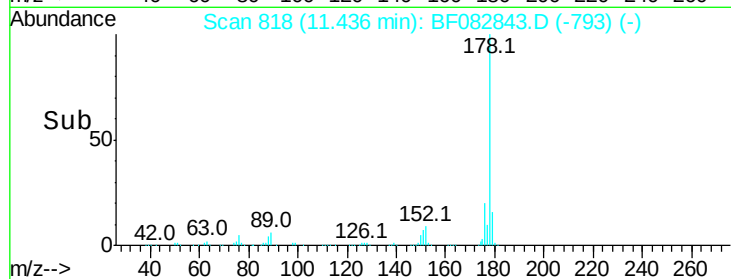
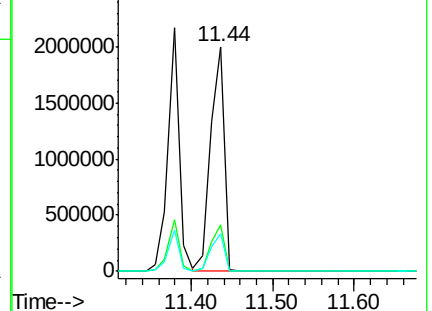
179 16.5 13.2 19.8



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: 46.09 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

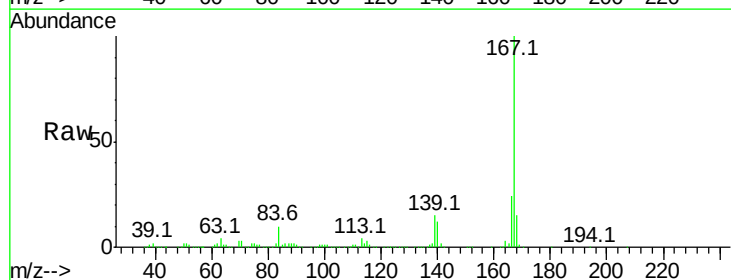
Tgt Ion:167 Resp: 2065415

Ion Ratio Lower Upper

167 100

166 23.9 18.7 28.1

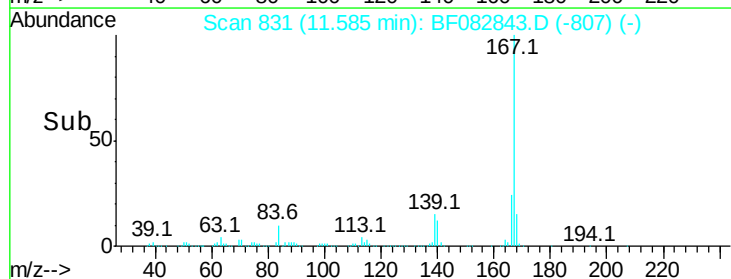
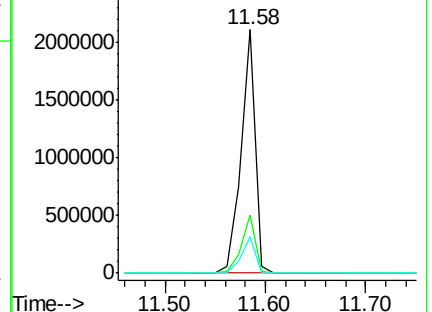
139 14.9 11.8 17.6

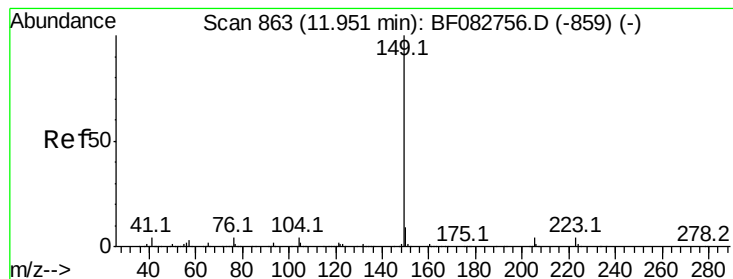


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.20 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

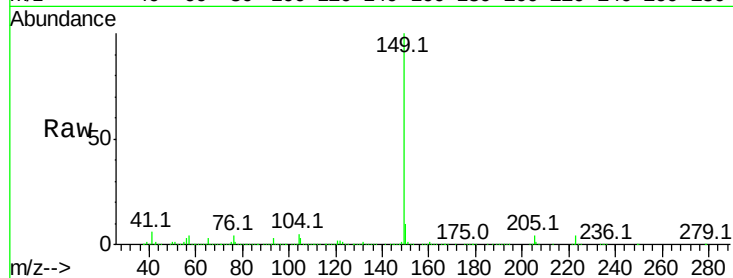
Tot Ion:149 Resp: 2579534

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

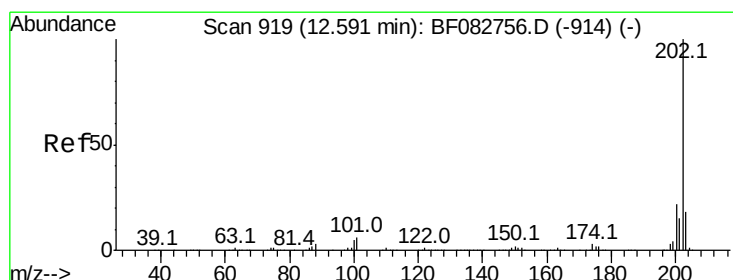
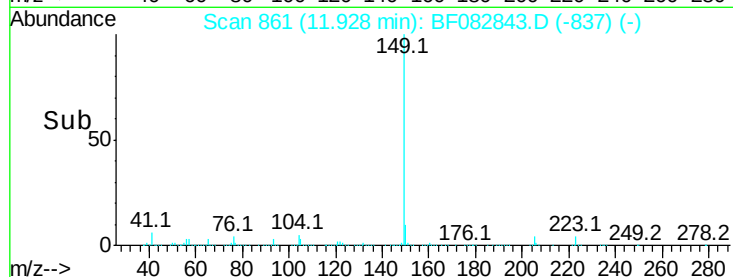
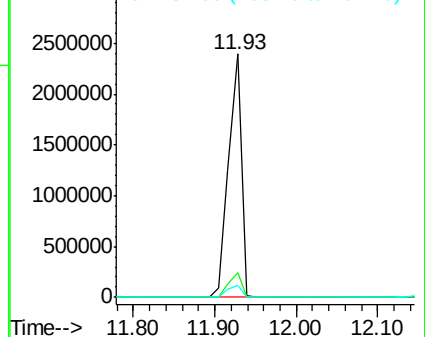
104 4.9 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.60 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

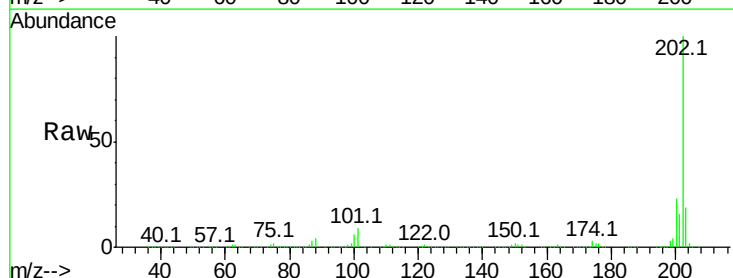
Tgt Ion:202 Resp: 2430138

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.5

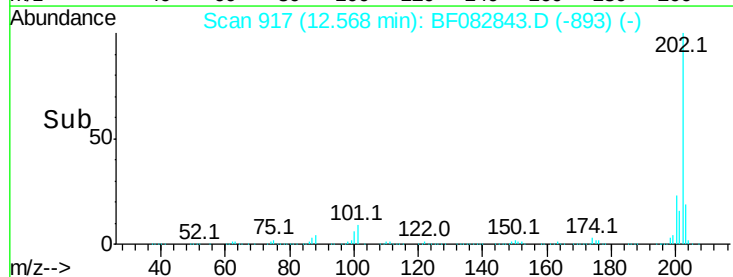
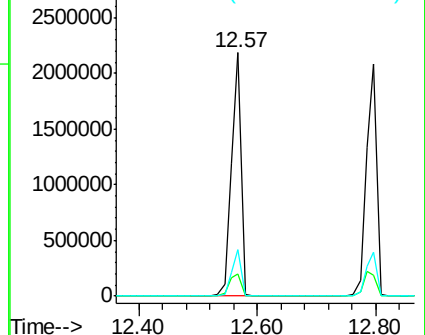
203 18.9 0.0 38.5

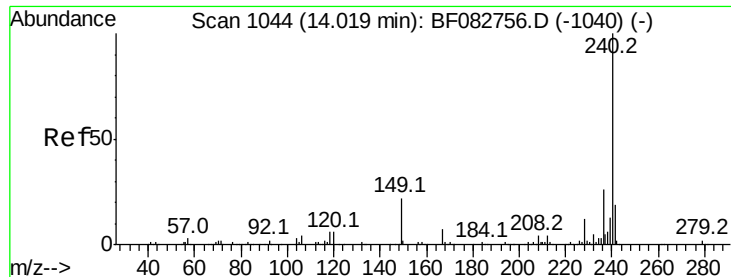


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

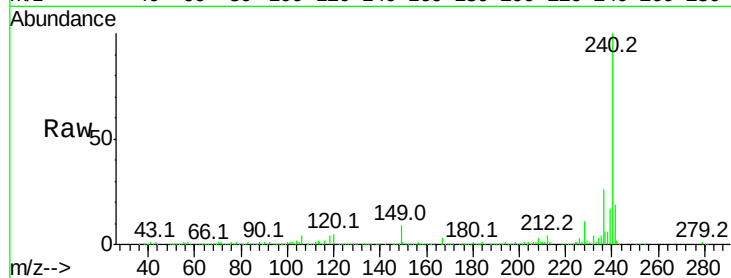
Tot Ion:240 Resp: 600269

Ion Ratio Lower Upper

240 100

120 5.1 10.9 16.3#

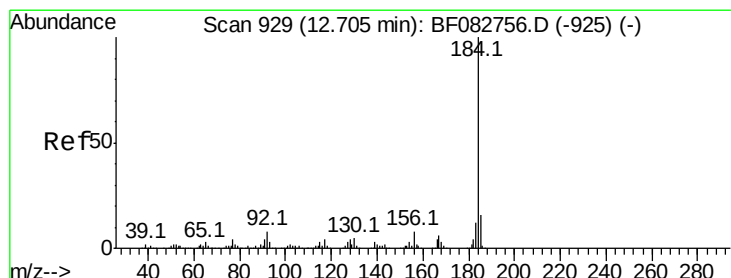
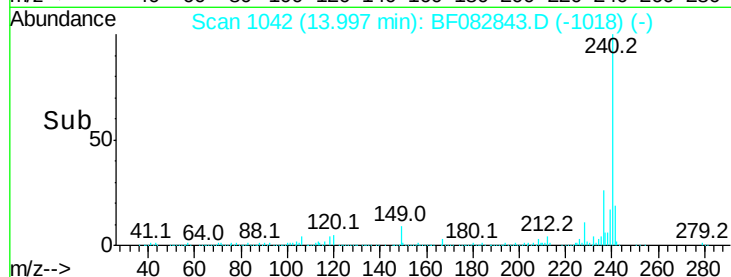
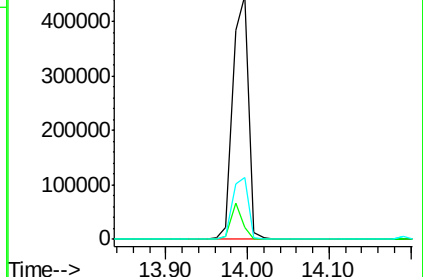
236 25.6 21.6 32.4



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: 41.99 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

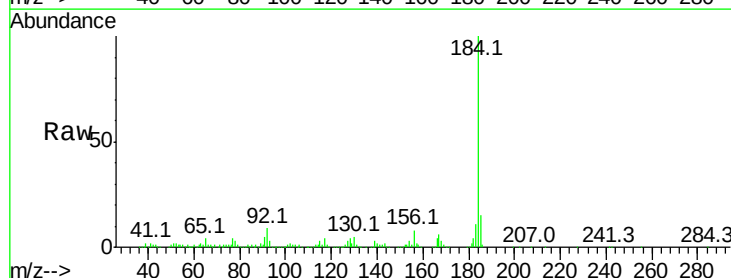
Tgt Ion:184 Resp: 844634

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

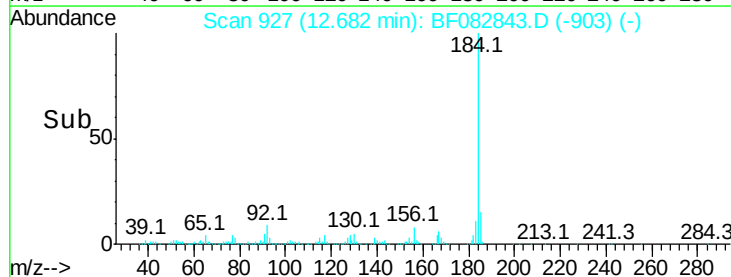
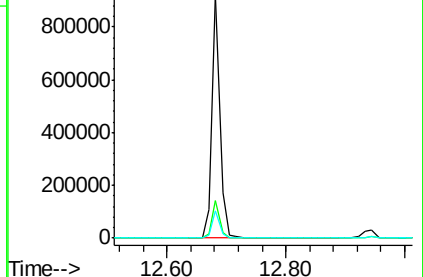
183 11.5 9.6 14.4

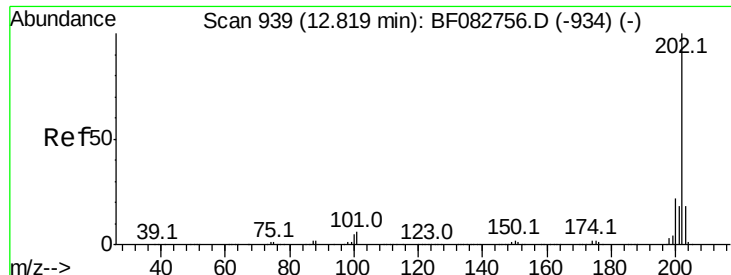


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

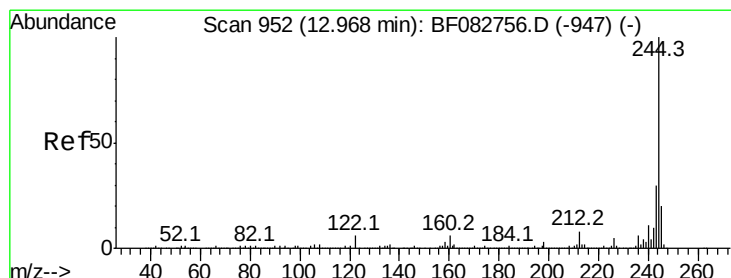
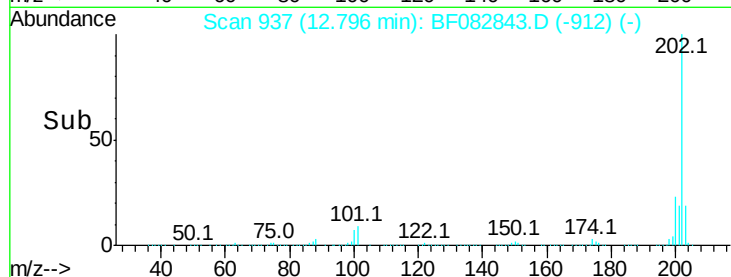
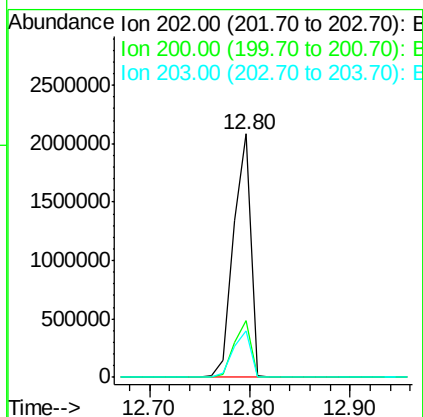
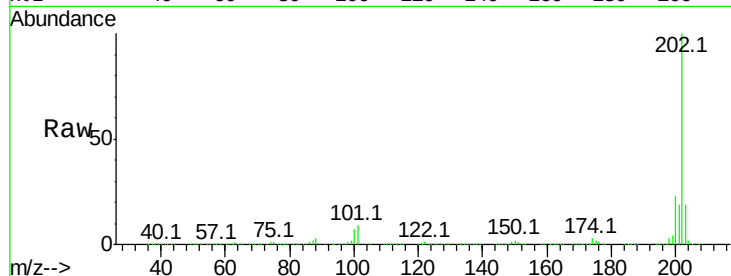




#77
 Pvrene
 Concen: 60.03 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

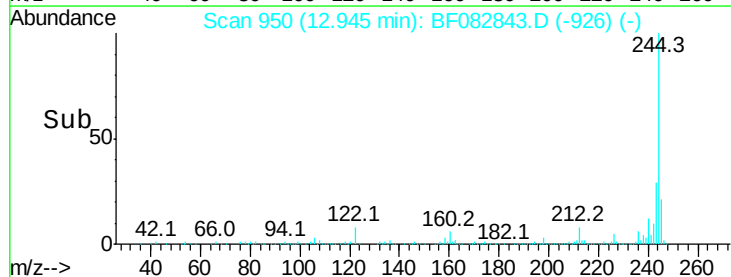
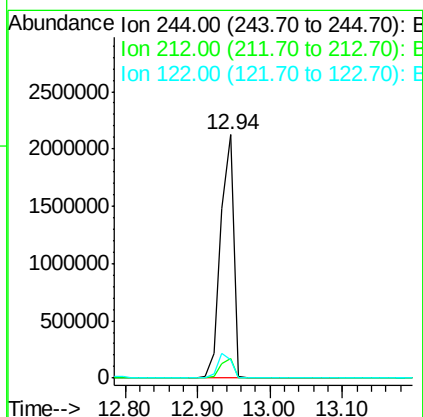
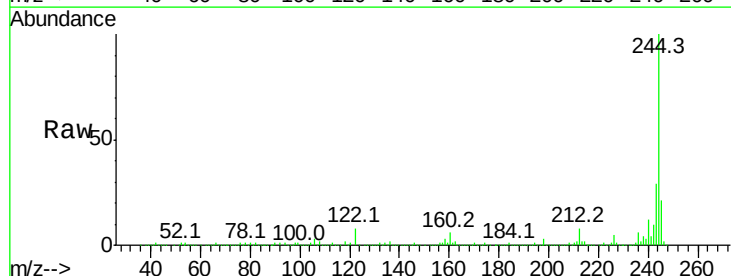
Instrument :
 BNA_F
 ClientSampleId :
 D3MS

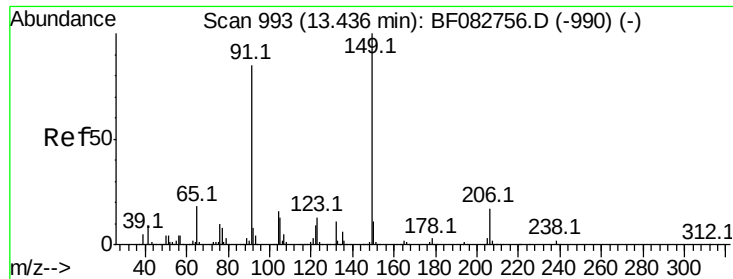
Tot Ion:202 Resp: 2474453
 Ion Ratio Lower Upper
 202 100
 200 23.2 18.7 28.1
 203 18.9 14.8 22.2



#78
 Terphenyl-d14
 Concen: 104.59 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion:244 Resp: 2646906
 Ion Ratio Lower Upper
 244 100
 212 8.0 7.6 11.4
 122 7.7 11.3 16.9#





#79

Butylbenzylphthalate

Concen: 53.76 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

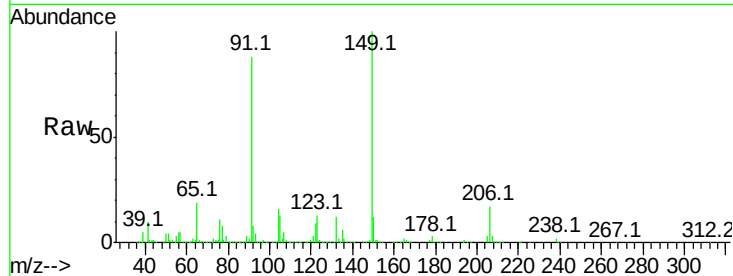
Tot Ion:149 Resp: 979062

Ion Ratio Lower Upper

149 100

91 88.1 67.7 101.5

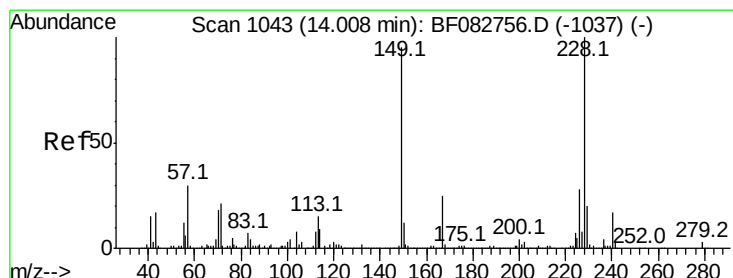
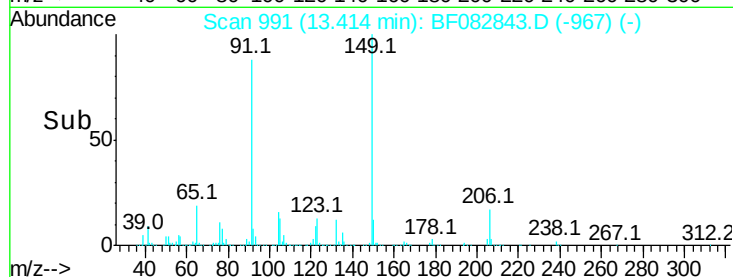
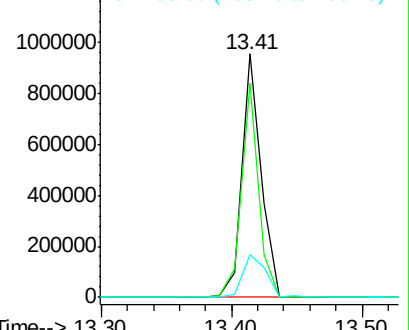
206 17.4 14.6 22.0



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: 53.31 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

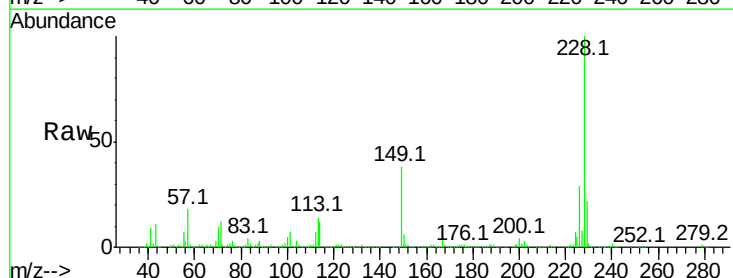
Tgt Ion:228 Resp: 2000949

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.2

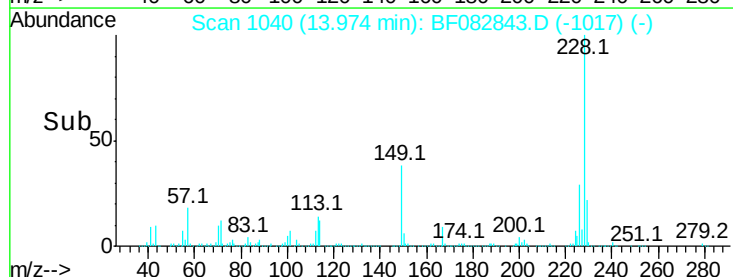
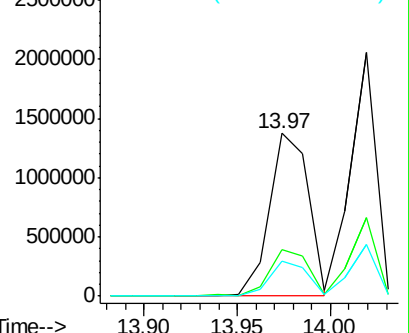
229 21.5 16.3 24.5

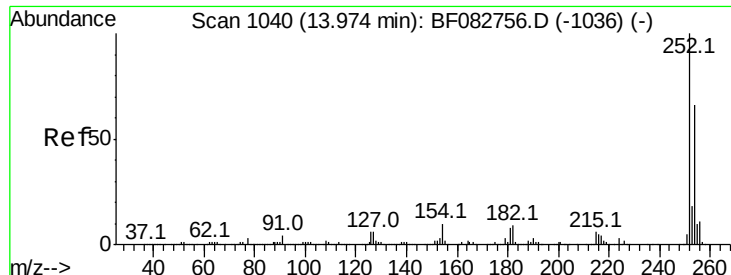


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

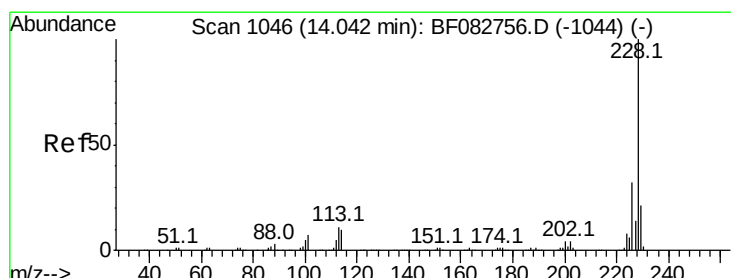
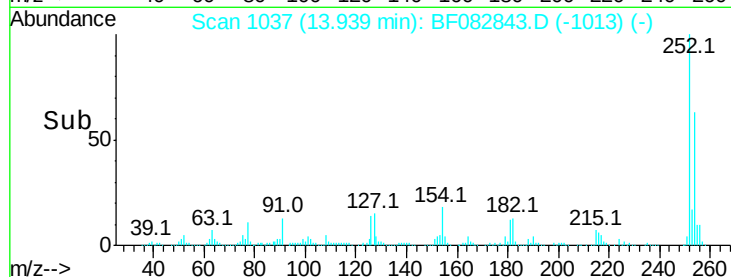
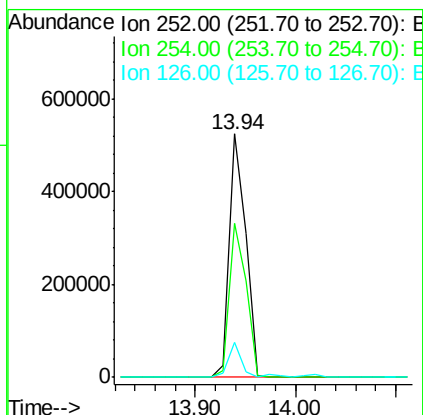
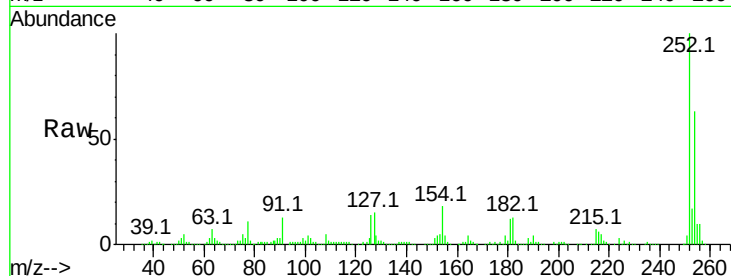




#81
 3,3'-Dichlorobenzidine
 Concen: 44.78 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

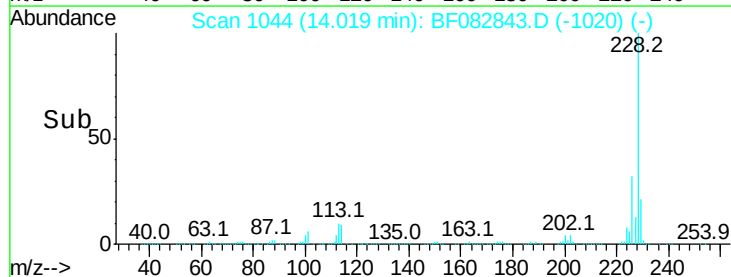
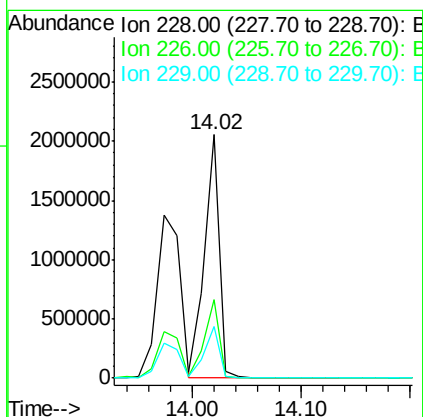
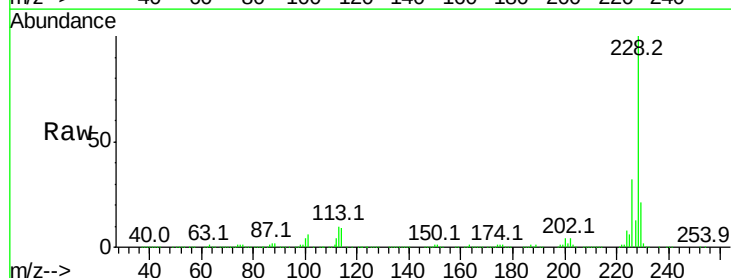
Instrument :
 BNA_F
 ClientSampleId :
 D3MS

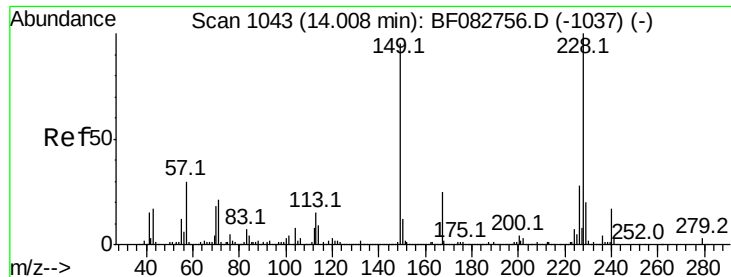
Tot Ion:252 Resp: 597551
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.4 77.0
 126 14.4 10.7 16.1



#82
 Chrysene
 Concen: 57.08 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion:228 Resp: 1962430
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.5 38.3
 229 21.2 16.3 24.5

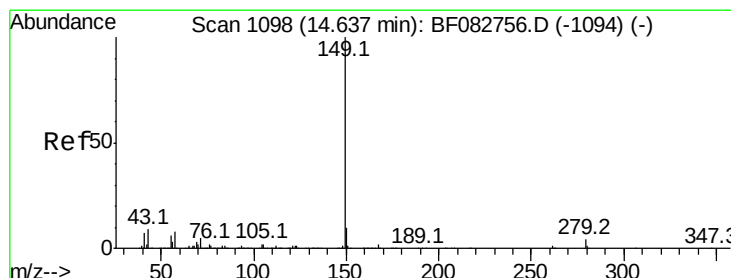
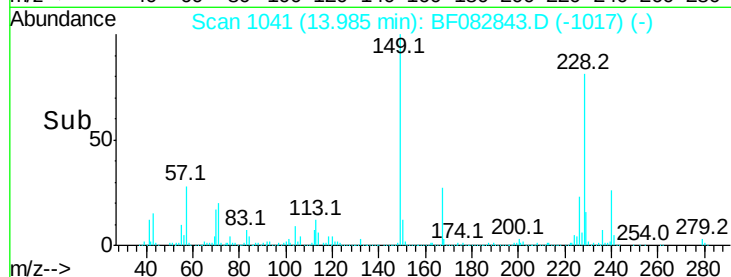
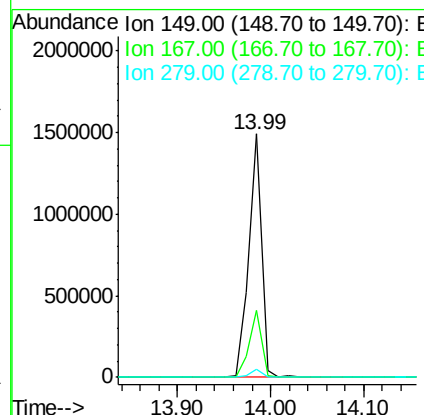
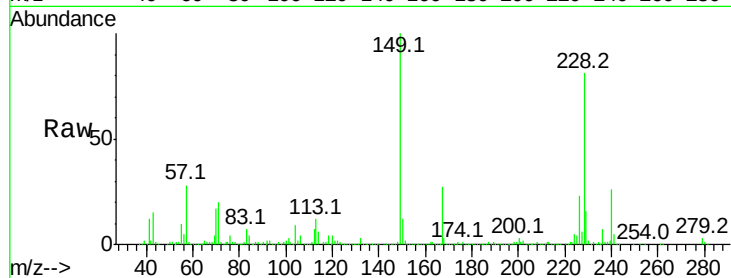




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.33 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

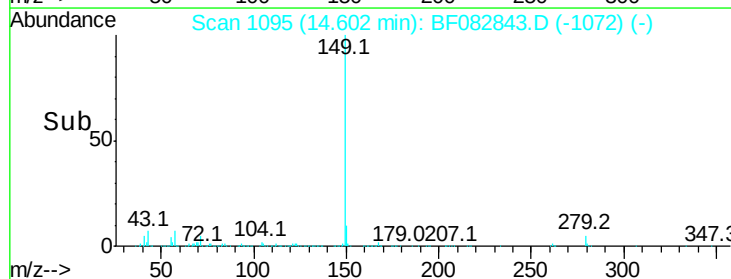
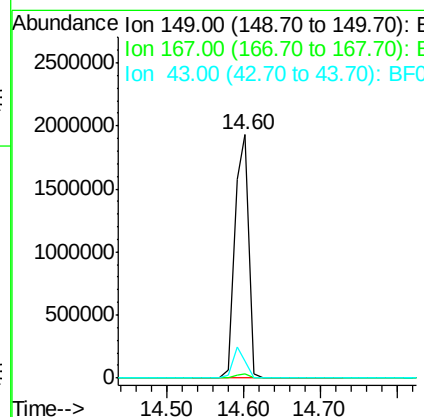
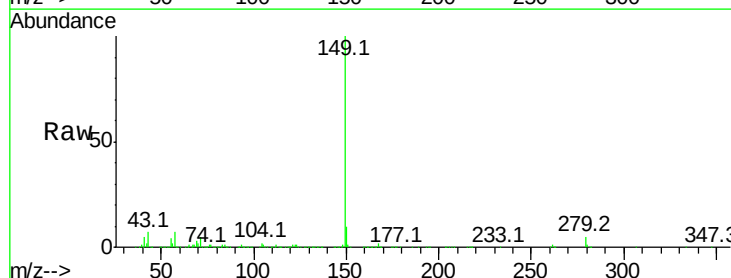
Instrument :
 BNA_F
 ClientSampleId :
 D3MS

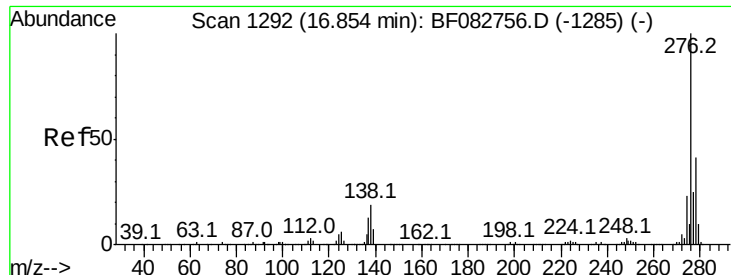
Tot Ion:149 Resp: 1428948
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.2 31.8
 279 3.4 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 59.69 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BF082843.D
 Acq: 9 Nov 2015 21:52

Tgt Ion:149 Resp: 2481995
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.1 10.1 15.1

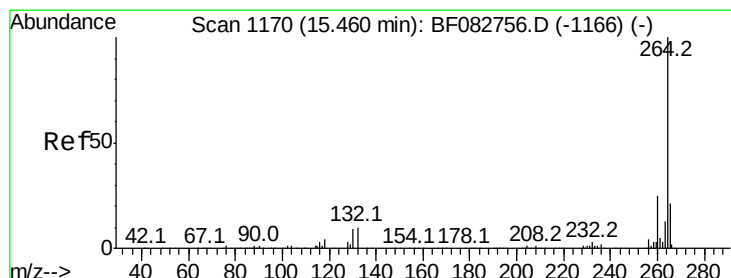
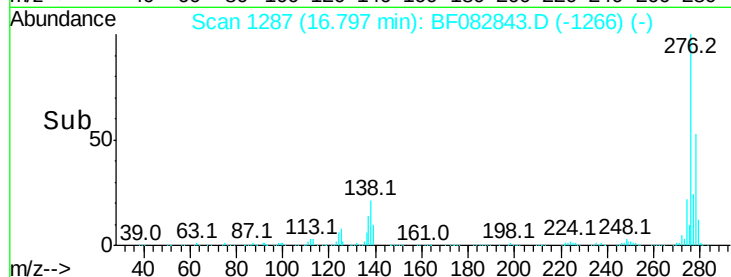
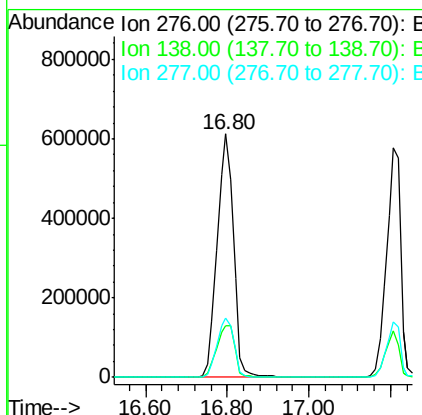
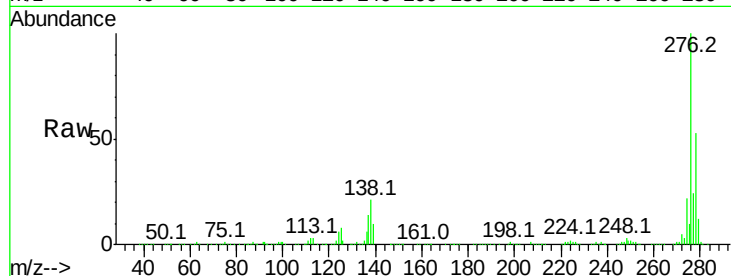




#85
Indeno(1,2,3-cd)pyrene
Concen: 57.57 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.06 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

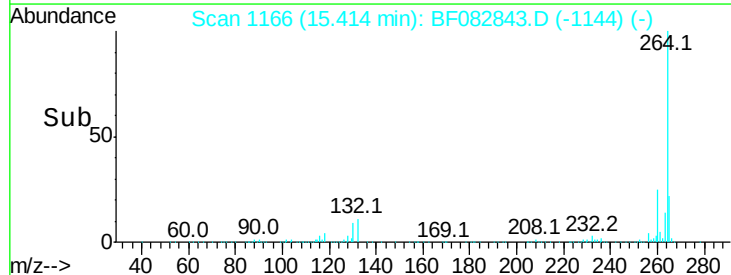
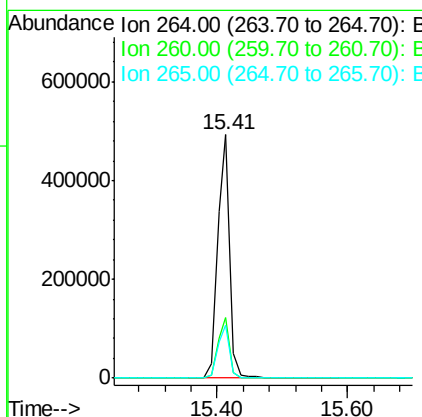
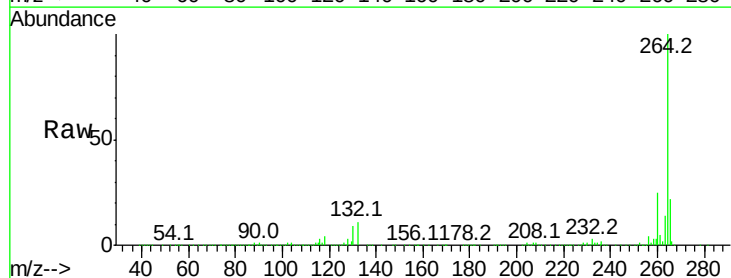
Instrument :
BNA_F
ClientSampleId :
D3MS

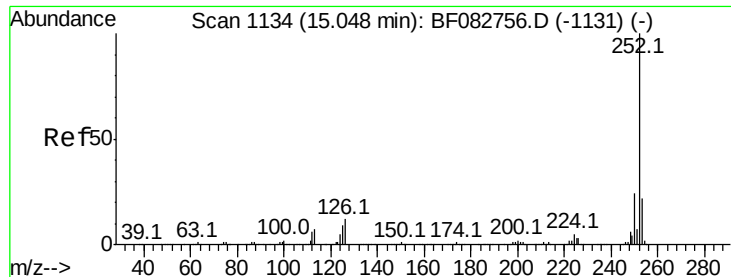
Tot Ion:276 Resp: 1704780
Ion Ratio Lower Upper
276 100
138 23.5 15.3 22.9#
277 25.2 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.05 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion:264 Resp: 638925
Ion Ratio Lower Upper
264 100
260 24.7 19.8 29.6
265 21.8 17.4 26.0

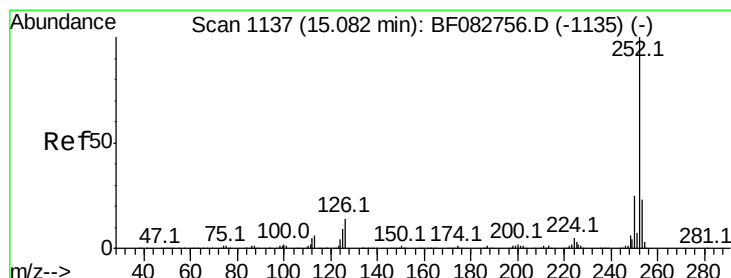
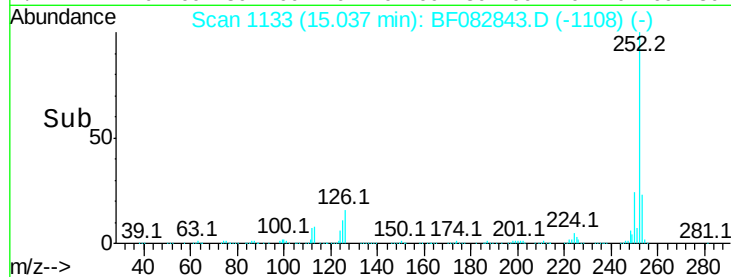
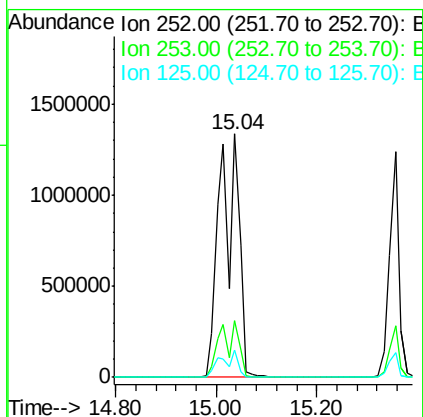
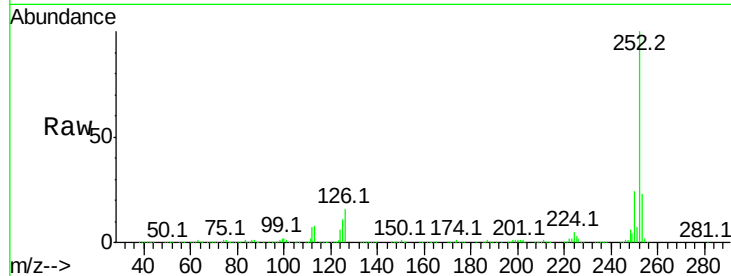




#87
Benzo(b)fluoranthene
Concen: 85.67 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

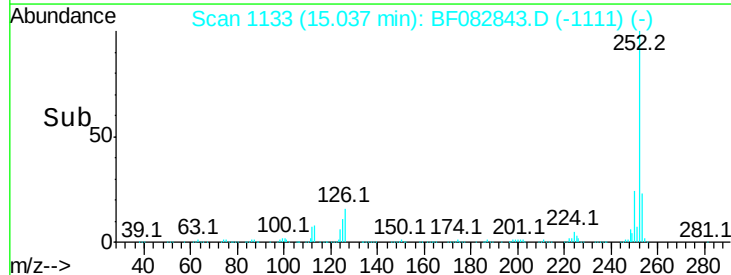
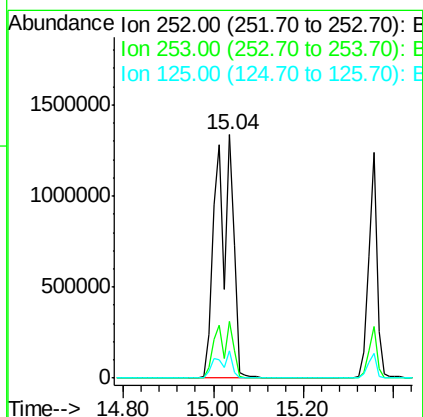
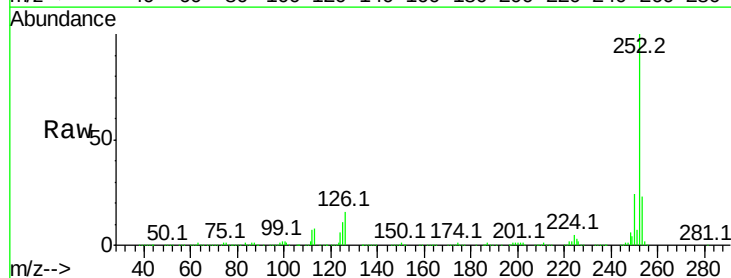
Instrument :
BNA_F
ClientSampleId :
D3MS

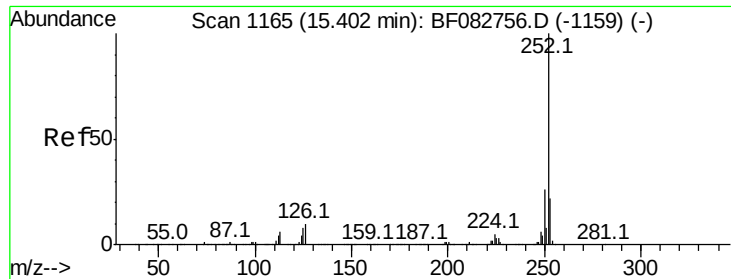
Tot Ion:252 Resp: 3513515
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 11.1 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 96.62 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.05 min
Lab File: BF082843.D
Acq: 9 Nov 2015 21:52

Tgt Ion:252 Resp: 3515219
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 11.1 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 45.84 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.05 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

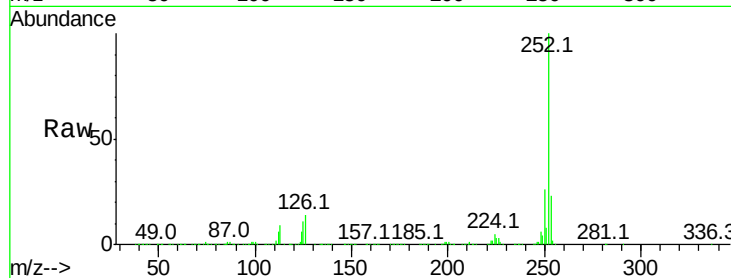
BNA_F

ClientSampleId :

D3MS

Tot Ion:252 Resp: 1628817

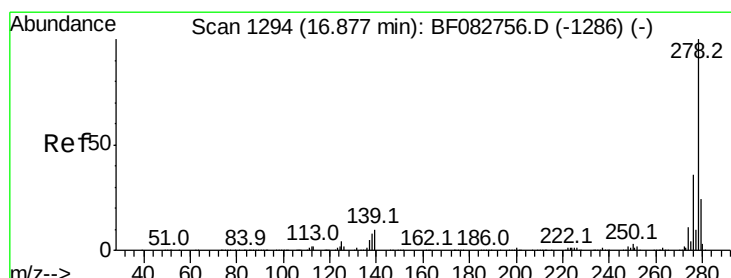
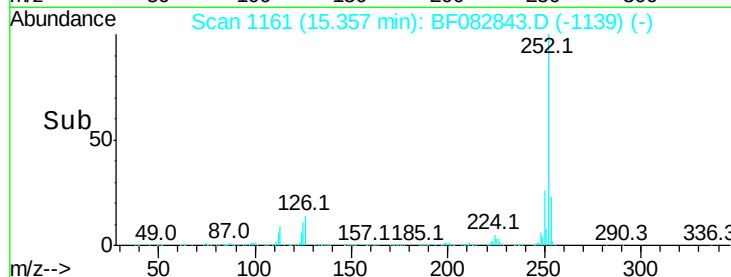
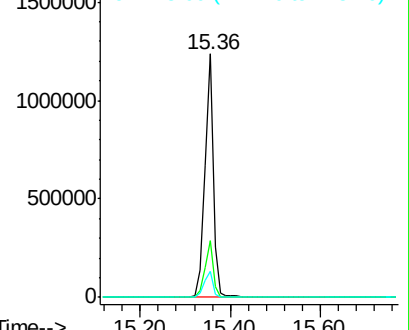
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	10.8	7.1	10.7



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



#90

Dibenzo(a,h)anthracene

Concen: 47.32 ng

RT: 16.81 min Scan# 1288

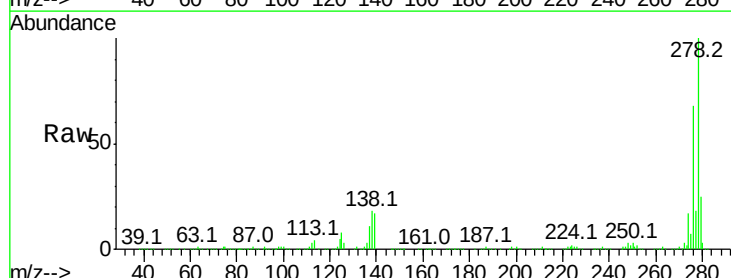
Delta R.T. -0.06 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Tgt Ion:278 Resp: 1423823

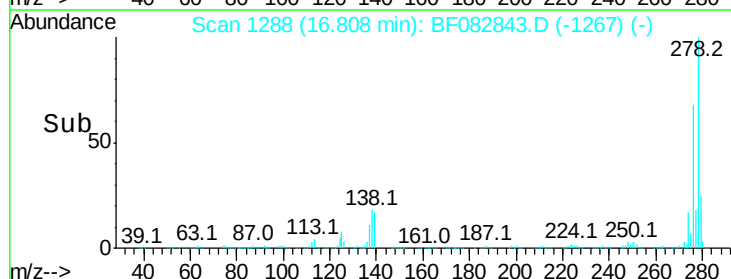
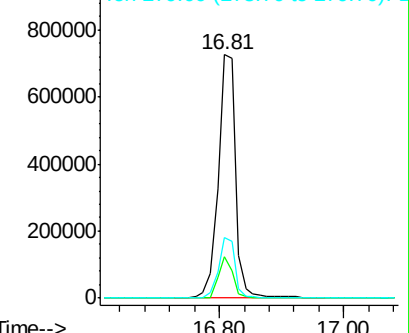
Ion	Ratio	Lower	Upper
278	100		
139	16.8	9.9	14.9
279	24.6	19.6	29.4

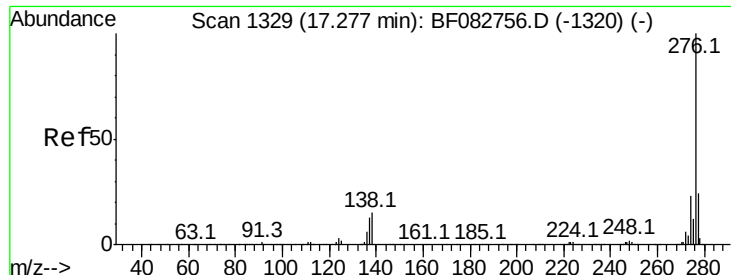


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 48.87 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.06 min

Lab File: BF082843.D

Acq: 9 Nov 2015 21:52

Instrument :

BNA_F

ClientSampleId :

D3MS

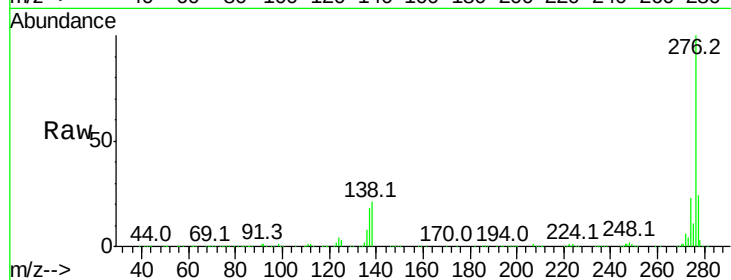
Tot Ion:276 Resp: 1408479

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 20.6 13.1 19.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

