

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081990.D
 Acq On : 2 Oct 2015 20:35
 Operator : UM/IZ
 Sample : G3886-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Quant Time: Oct 05 06:34:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	99703	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	384371	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	187983	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	386366	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	373166	20.00	ng	-0.03
86) Perylene-d12	15.53	264	306108	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	673181	122.57	ng	-0.03
7) Phenol-d6	6.51	99	891804	129.04	ng	-0.05
23) Nitrobenzene-d5	7.46	82	548868	95.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	248017	130.27	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1037525	94.36	ng	-0.05
78) Terphenyl-d14	13.02	244	1059940	94.70	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	89455	37.45	ng	90
3) Pyridine	3.26	79	227674	36.61	ng	# 83
4) n-Nitrosodimethylamine	3.22	42	108338	38.36	ng	92
6) Aniline	6.55	93	269860	29.06	ng	# 85
8) 2-Chlorophenol	6.67	128	276811	45.64	ng	98
9) Benzaldehyde	6.43	77	52328	11.56	ng	# 81
10) Phenol	6.54	94	309835	39.97	ng	81
11) bis(2-Chloroethyl)ether	6.63	93	292380	48.63	ng	95
12) 1,3-Dichlorobenzene	7.06	146	272156	37.99	ng	99
13) 1,4-Dichlorobenzene	7.06	146	281479	37.63	ng	97
14) 1,2-Dichlorobenzene	7.06	146	287167	43.08	ng	98
15) Benzyl Alcohol	7.03	79	200070	40.10	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	363767	42.80	ng	81
17) 2-Methylphenol	7.14	107	223242	45.40	ng	# 86
18) Hexachloroethane	7.39	117	104381	44.57	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	173530	41.31	ng	# 77
20) 3+4-Methylphenols	7.29	107	257414	41.44	ng	# 71
22) Acetophenone	7.30	105	366491	46.63	ng	# 81
24) Nitrobenzene	7.47	77	272782	43.57	ng	# 69
25) Isophorone	7.71	82	521326	45.62	ng	# 93
26) 2-Nitrophenol	7.79	139	148885	49.54	ng	# 81
27) 2,4-Dimethylphenol	7.83	122	226605	42.86	ng	# 83
28) bis(2-Chloroethoxy)methane	7.93	93	307859	45.36	ng	# 94
29) 2,4-Dichlorophenol	8.03	162	251741	49.10	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	261063	45.61	ng	97
31) Naphthalene	8.19	128	763729	44.84	ng	97
32) Benzoic acid	7.90	122	32061	15.93	ng	# 86
33) 4-Chloroaniline	8.25	127	127890	17.37	ng	# 93
34) Hexachlorobutadiene	8.31	225	149079	44.04	ng	98
35) Caprolactam	8.62	113	46666	32.88	ng	# 71
36) 4-Chloro-3-methylphenol	8.73	107	242416	48.36	ng	85
37) 2-Methylnaphthalene	8.89	142	535010	46.02	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	252081	43.68	ng	100
40) Hexachlorocyclopentadiene	9.04	237	277524	93.38	ng	95

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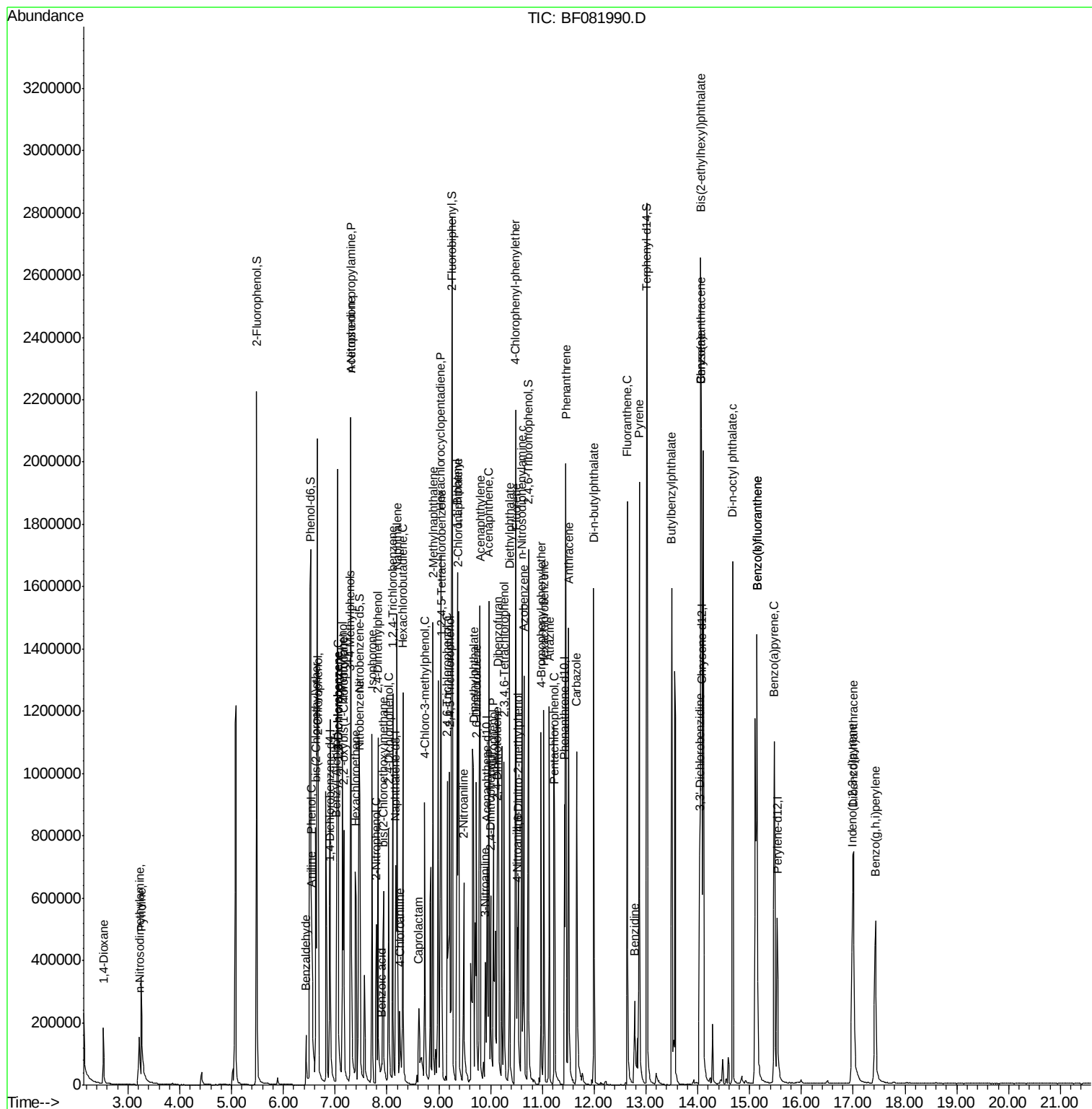
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42) 2,4,6-Trichlorophenol	9.17	196	164559	41.59	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	195477	48.04	ng	96
45) 1,1'-Biphenyl	9.36	154	672542	46.37	ng	94
46) 2-Chloronaphthalene	9.38	162	525159	46.12	ng	96
47) 2-Nitroaniline	9.49	65	153418	45.89	ng	89
48) Acenaphthylene	9.79	152	770180	42.26	ng	96
49) Dimethylphthalate	9.67	163	771514	59.46	ng	# 97
50) 2,6-Dinitrotoluene	9.73	165	132946	47.19	ng	# 74
51) Acenaphthene	9.97	154	507799	46.92	ng	89
52) 3-Nitroaniline	9.90	138	97494	29.91	ng	# 71
53) 2,4-Dinitrophenol	10.00	184	100389	75.88	ng	# 53
54) Dibenzofuran	10.15	168	709454	46.38	ng	94
55) 4-Nitrophenol	10.06	139	191741	81.42	ng	# 50
56) 2,4-Dinitrotoluene	10.13	165	167903	46.75	ng	# 70
57) Fluorene	10.49	166	565734	52.05	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	169106	52.40	ng	90
59) Diethylphthalate	10.37	149	577113	47.62	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	267136	47.70	ng	90
61) 4-Nitroaniline	10.51	138	139720	42.76	ng	# 44
62) Azobenzene	10.64	77	576852	48.77	ng	91
64) 4,6-Dinitro-2-methylphenol	10.54	198	84035	47.94	ng	87
65) n-Nitrosodiphenylamine	10.61	169	502859	43.02	ng	92
66) 4-Bromophenyl-phenylether	10.97	248	175071	44.94	ng	99
67) Hexachlorobenzene	11.03	284	167579	38.12	ng	# 85
68) Atrazine	11.13	200	162179	44.71	ng	82
69) Pentachlorophenol	11.23	266	200907	80.20	ng	97
70) Phenanthrene	11.45	178	825148	44.35	ng	96
71) Anthracene	11.51	178	906998	46.19	ng	98
72) Carbazole	11.66	167	801257	45.08	ng	95
73) Di-n-butylphthalate	11.99	149	857273	47.43	ng	# 97
74) Fluoranthene	12.64	202	871199	42.09	ng	91
76) Benzidine	12.78	184	249750	22.21	ng	98
77) Pyrene	12.87	202	896892	40.23	ng	95
79) Butylbenzylphthalate	13.50	149	416941	49.70	ng	96
80) Benzo(a)anthracene	14.07	228	824068	41.01	ng	96
81) 3,3'-Dichlorobenzidine	14.04	252	211494	31.16	ng	# 94
82) Chrysene	14.07	228	824068	49.60	ng	98
83) Bis(2-ethylhexyl)phthalate	14.06	149	556056	52.84	ng	# 95
84) Di-n-octyl phthalate	14.68	149	949967	55.47	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.98	276	649361	41.31	ng	# 87
87) Benzo(b)fluoranthene	15.14	252	1578131	90.30	ng	# 86
88) Benzo(k)fluoranthene	15.14	252	1579020	98.58	ng	# 87
89) Benzo(a)pyrene	15.48	252	719480	47.46	ng	# 86
90) Dibenzo(a,h)anthracene	17.01	278	538904	42.37	ng	# 81
91) Benzo(g,h,i)perylene	17.43	276	526608	40.40	ng	# 75

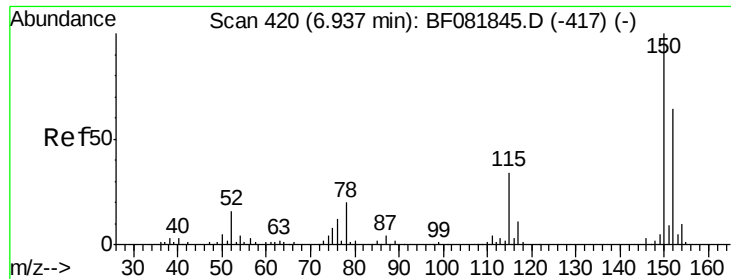
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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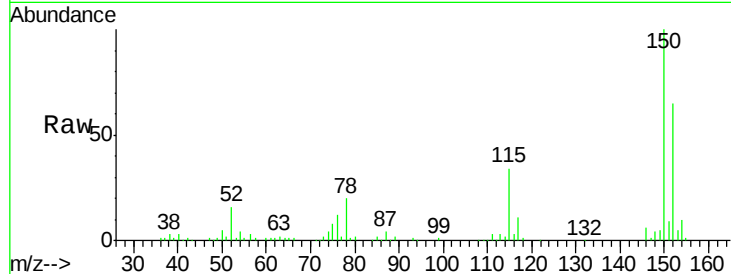


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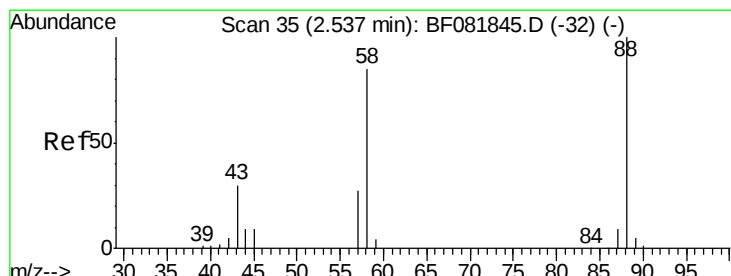
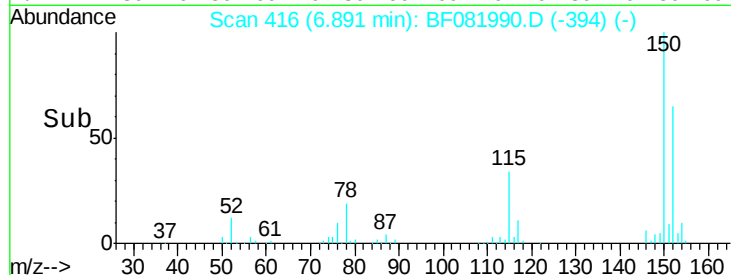
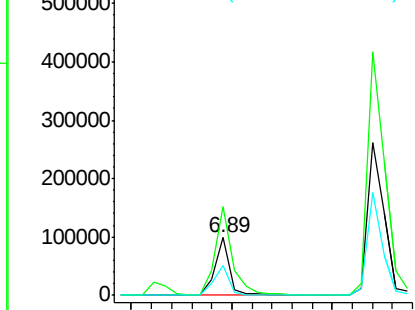
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tgt Ion:152 Resp: 99703
Ion Ratio Lower Upper
152 100
150 154.1 124.7 187.1
115 52.4 39.0 58.4



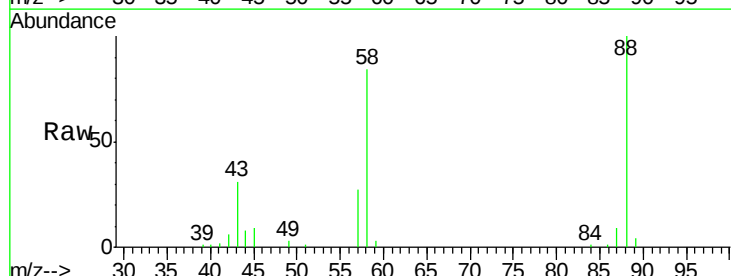
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



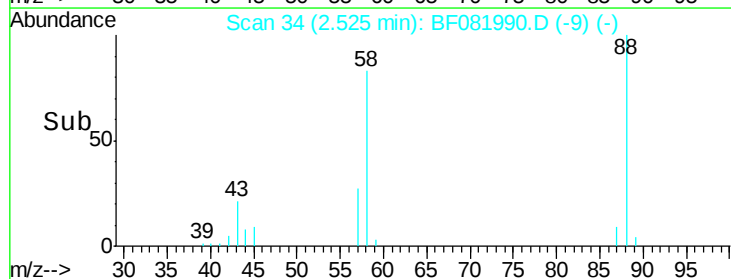
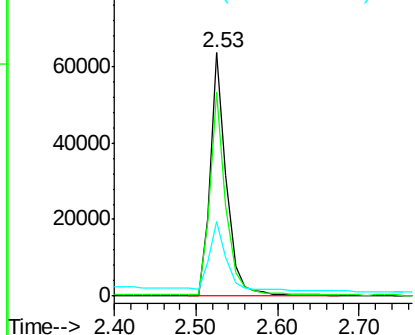
#2

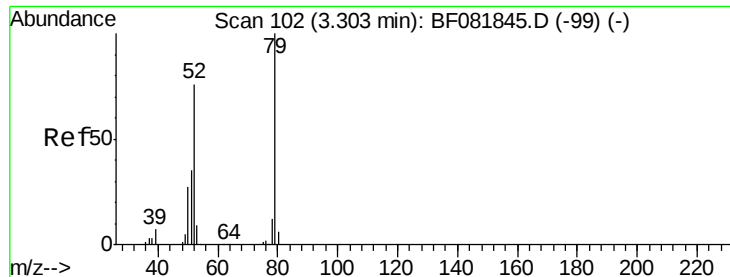
1,4-Dioxane
Concen: 37.45 ng
RT: 2.53 min Scan# 34
Delta R.T. -0.01 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion: 88 Resp: 89455
Ion Ratio Lower Upper
88 100
58 86.4 77.7 116.5
43 29.2 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

Pyridine

Concen: 36.61 ng

RT: 3.26 min Scan# 98

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

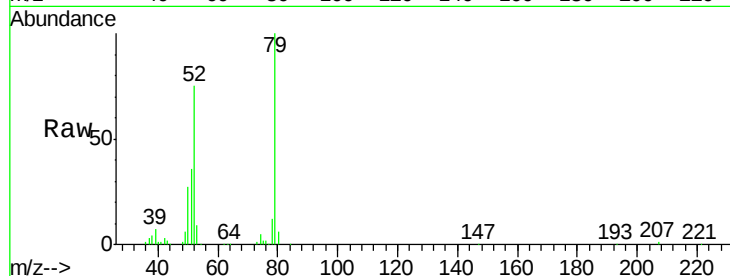
Tgt Ion: 79 Resp: 227674

Ion Ratio Lower Upper

79 100

52 75.2 76.8 115.2#

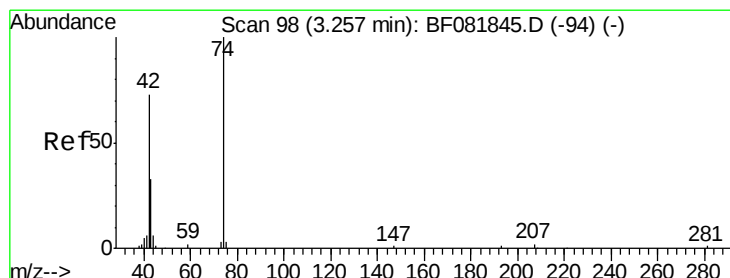
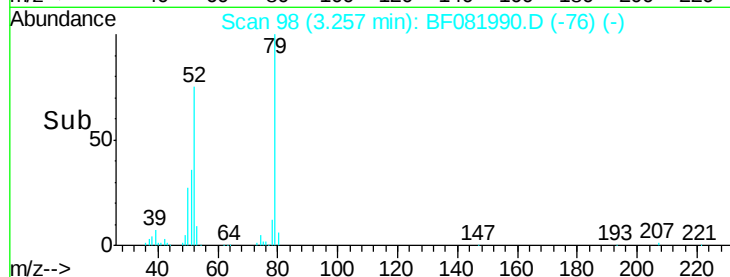
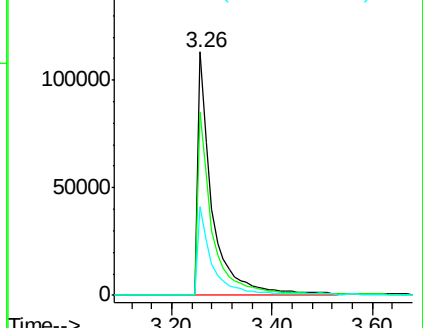
51 36.3 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.36 ng

RT: 3.22 min Scan# 95

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

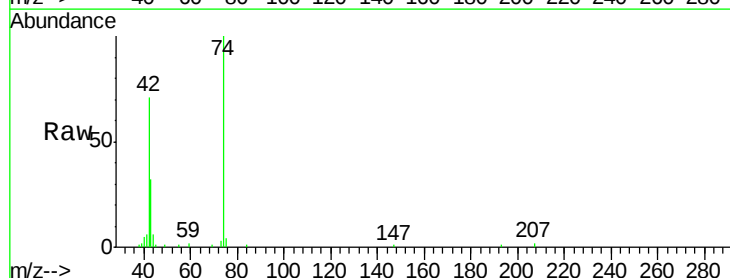
Tgt Ion: 42 Resp: 108338

Ion Ratio Lower Upper

42 100

74 141.1 105.0 157.6

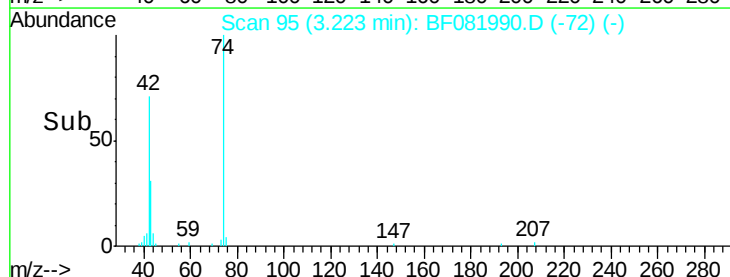
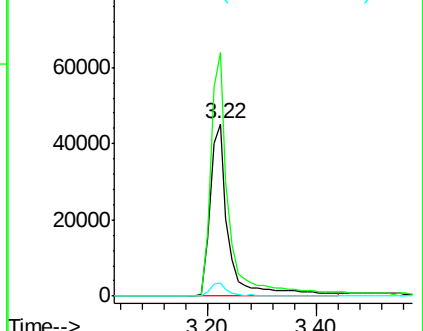
44 8.0 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.57 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

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ClientSampleId :

OS-SB-24(16-18)MS

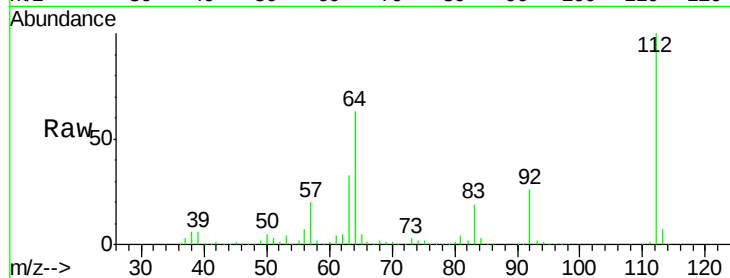
Tgt Ion: 112 Resp: 673181

Ion Ratio Lower Upper

112 100

64 62.7 39.7 59.5#

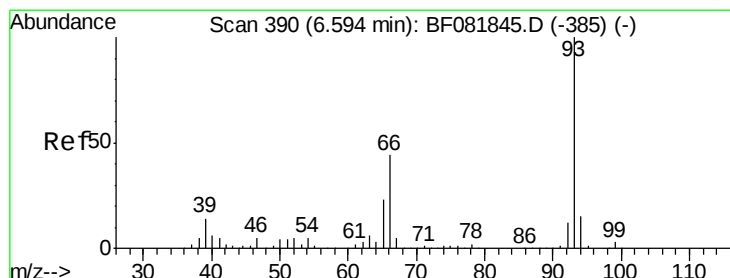
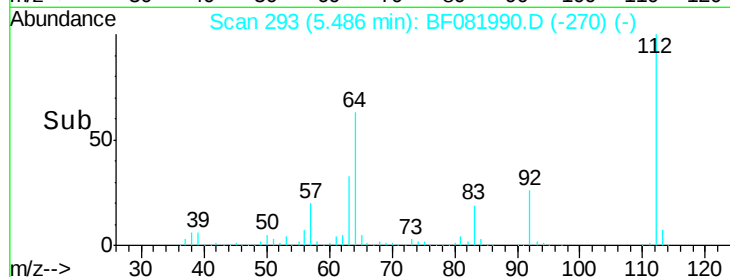
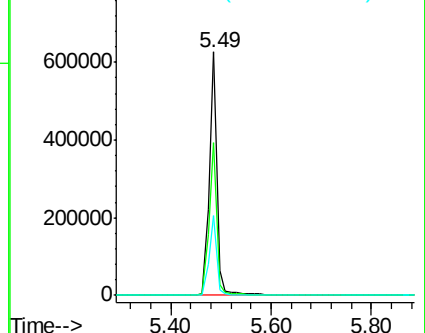
63 32.5 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.06 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

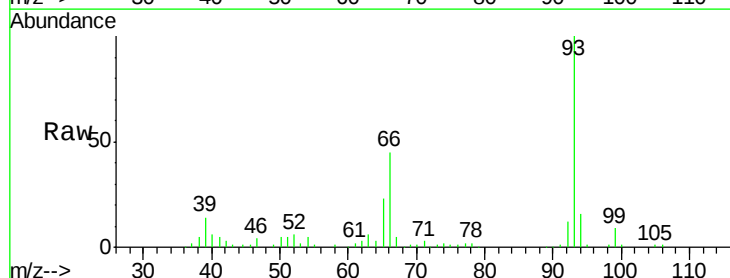
Tgt Ion: 93 Resp: 269860

Ion Ratio Lower Upper

93 100

66 44.5 27.2 40.8#

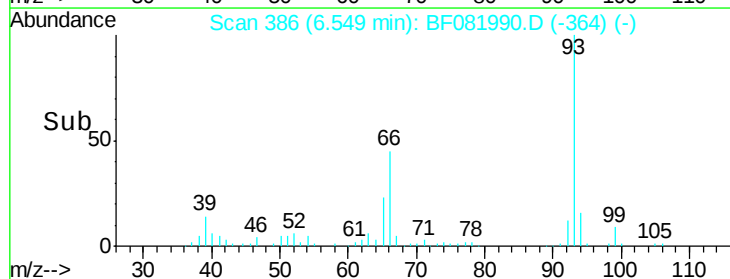
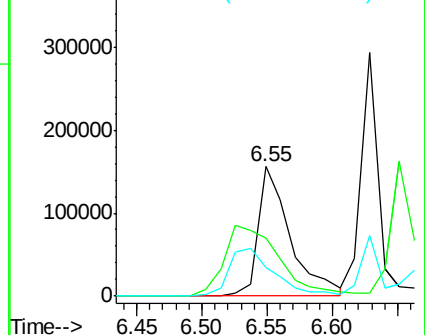
65 22.6 14.7 22.1#

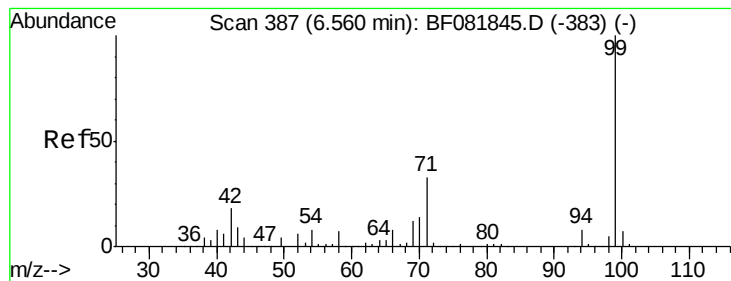


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.04 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081990.D

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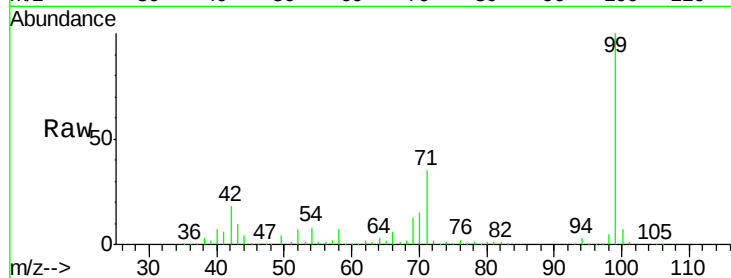
Tgt Ion: 99 Resp: 891804

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

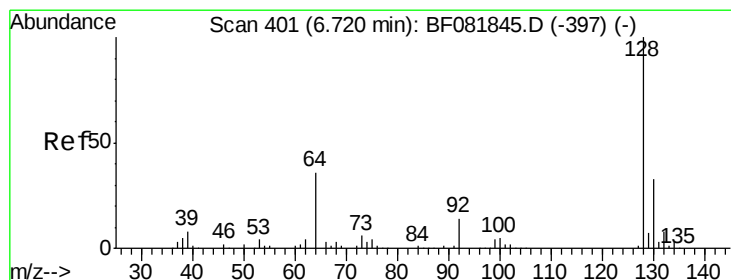
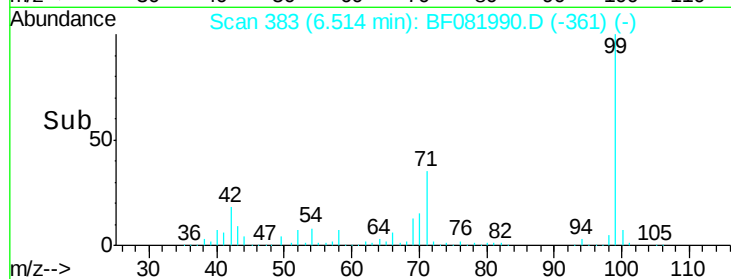
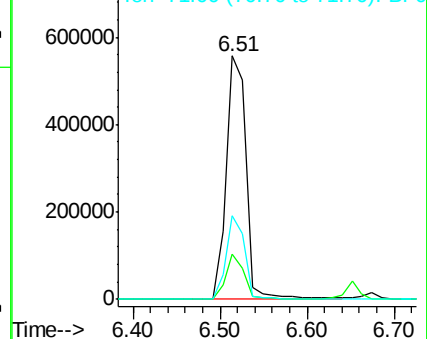
71 34.5 14.2 21.2#



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: 45.64 ng

RT: 6.67 min Scan# 397

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

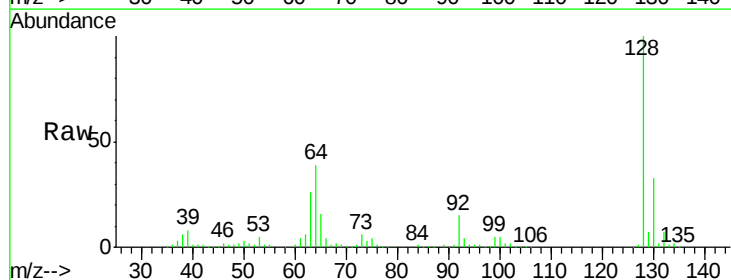
Tgt Ion: 128 Resp: 276811

Ion Ratio Lower Upper

128 100

130 33.3 12.2 52.2

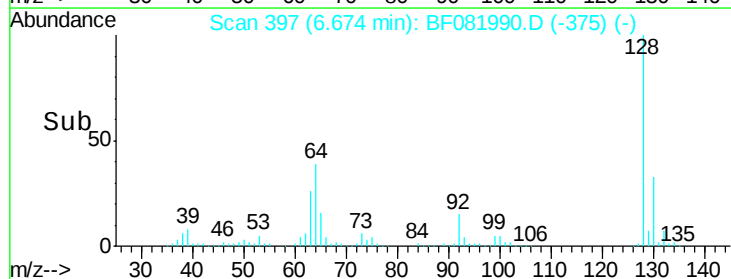
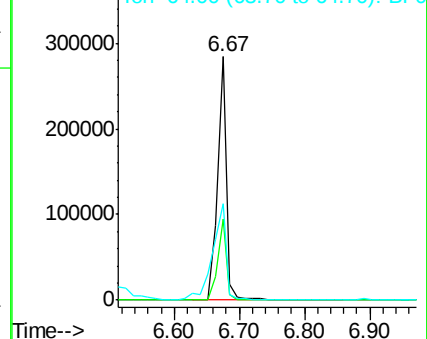
64 39.4 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.56 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.05 min

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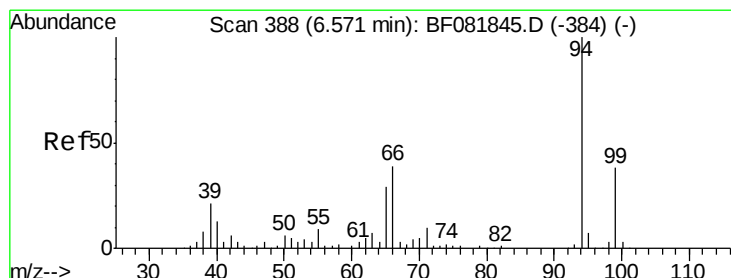
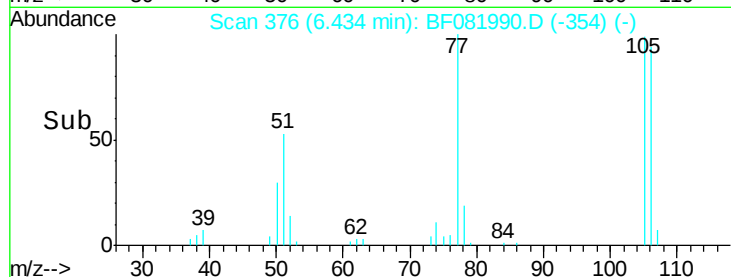
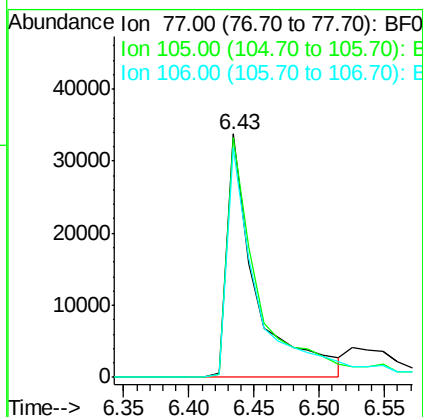
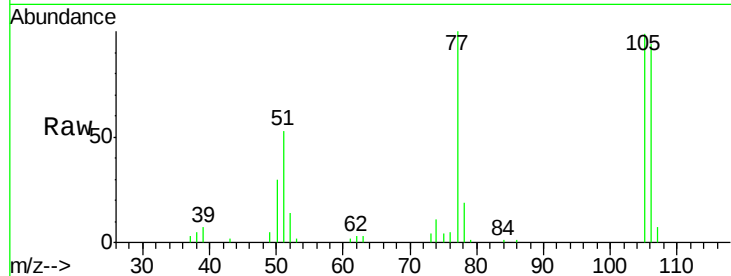
Tgt Ion: 77 Resp: 52328

Ion Ratio Lower Upper

77 100

105 98.7 91.6 131.6

106 94.5 102.6 142.6#



#10

Phenol

Concen: 39.97 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

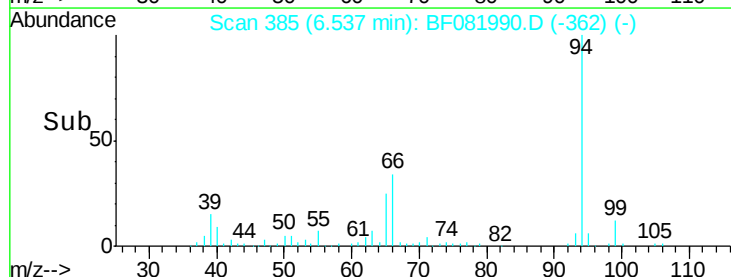
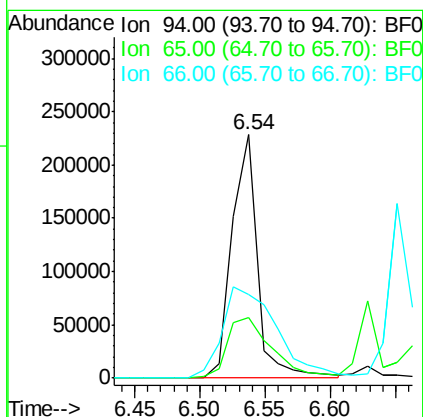
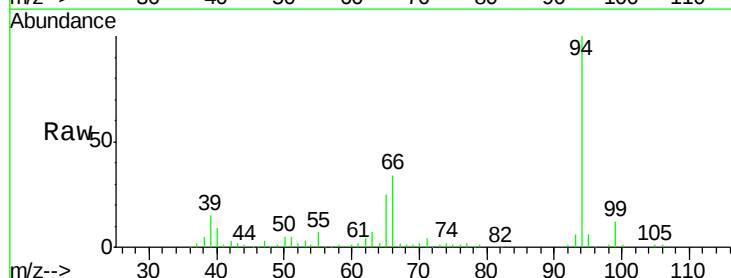
Tgt Ion: 94 Resp: 309835

Ion Ratio Lower Upper

94 100

65 24.9 0.7 40.7

66 34.3 0.8 40.8

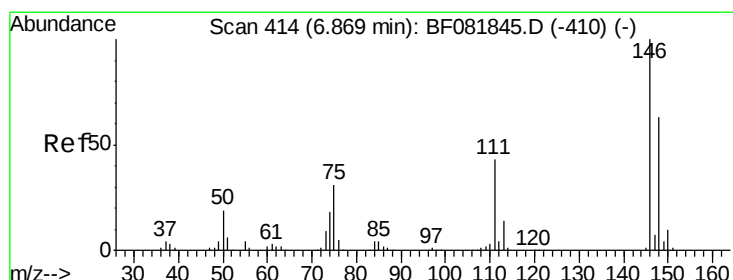
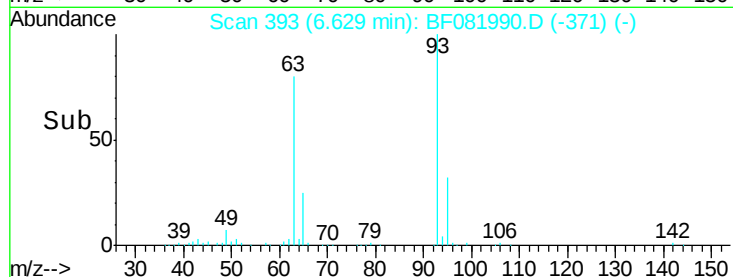
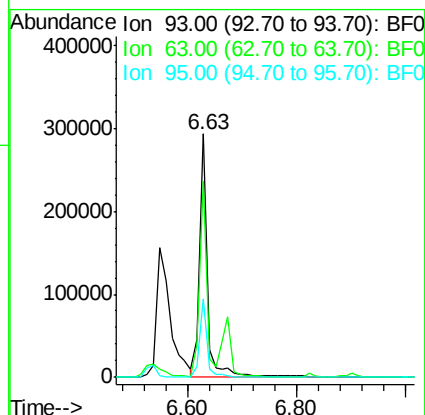
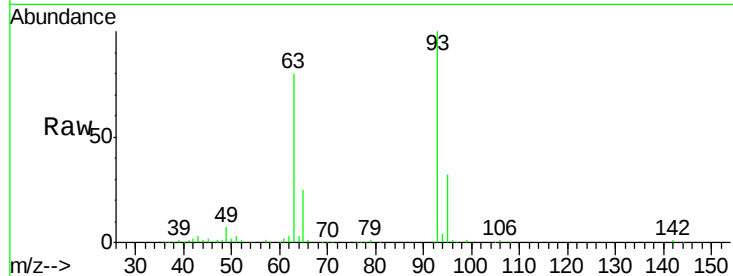




#11
 bis(2-Chloroethyl)ether
 Concen: 48.63 ng
 RT: 6.63 min Scan# 393
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

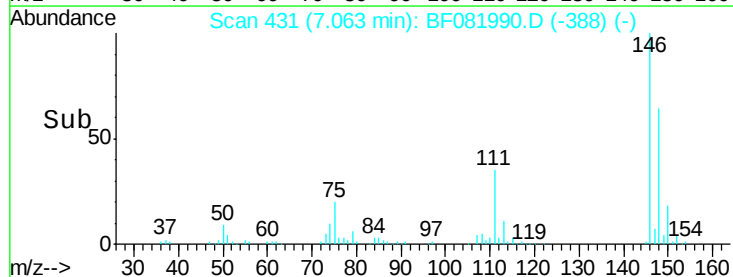
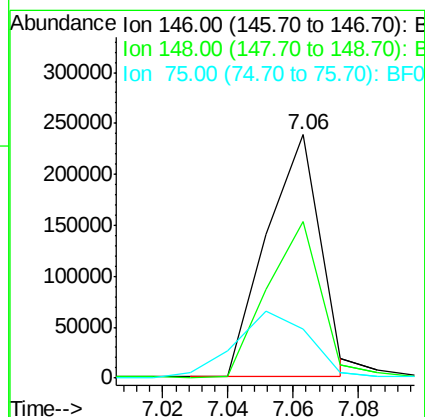
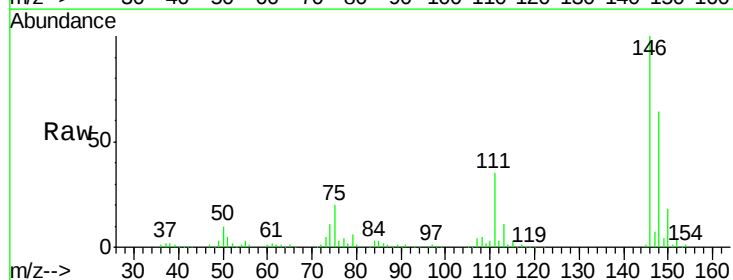
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

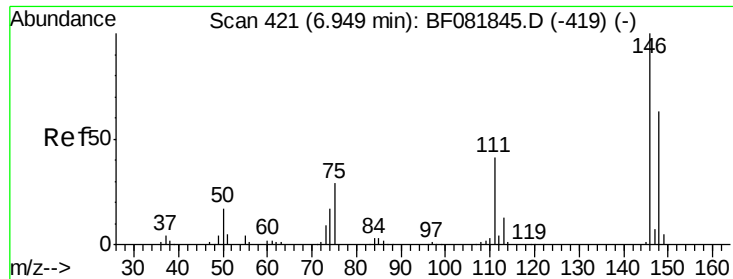
Tgt Ion: 93 Resp: 292380
 Ion Ratio Lower Upper
 93 100
 63 80.4 65.6 105.6
 95 32.5 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 37.99 ng
 RT: 7.06 min Scan# 431
 Delta R.T. 0.19 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion: 146 Resp: 272156
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.4
 75 20.0 15.0 22.6

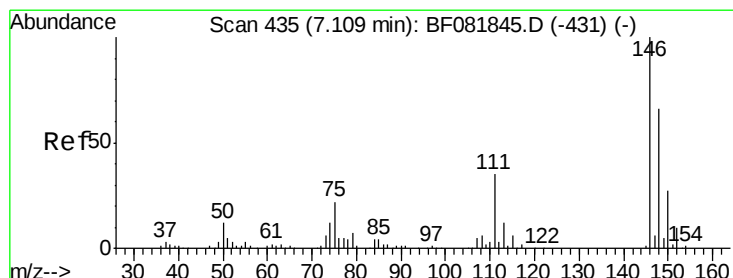
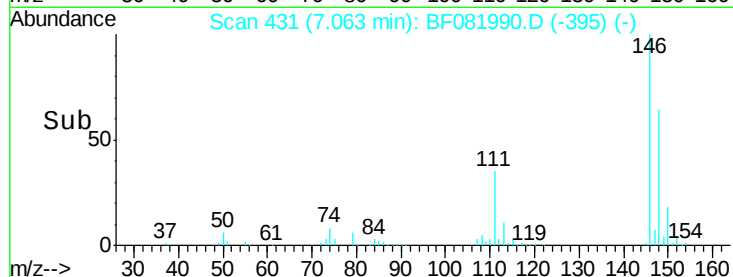
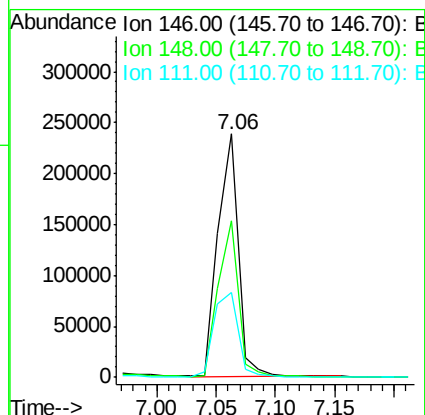
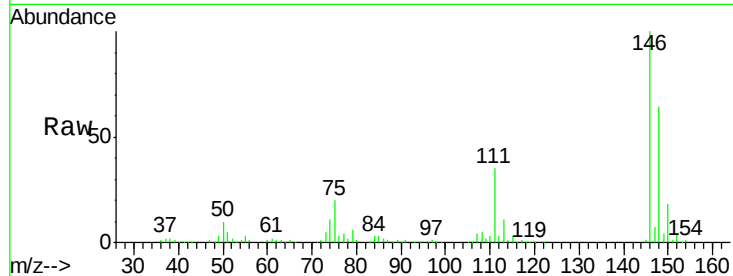




#13
 1,4-Dichlorobenzene
 Concen: 37.63 ng
 RT: 7.06 min Scan# 431
 Delta R.T. 0.11 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

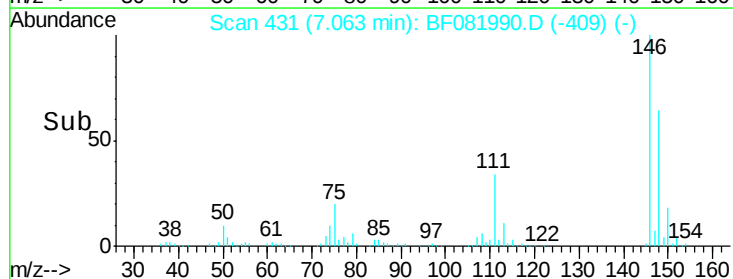
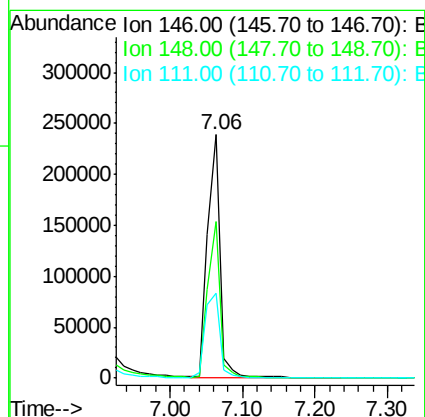
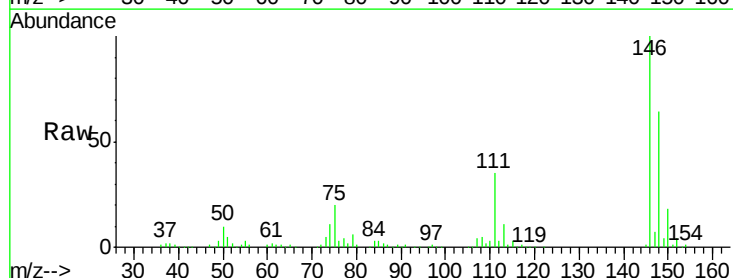
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

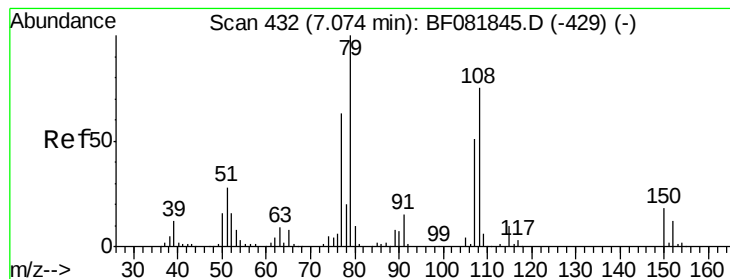
Tgt Ion:146 Resp: 281479
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.6
 111 34.7 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 43.08 ng
 RT: 7.06 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion:146 Resp: 287167
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.7 79.1
 111 34.7 28.8 43.2





#15

Benzyl Alcohol

Concen: 40.10 ng

RT: 7.03 min Scan# 428

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

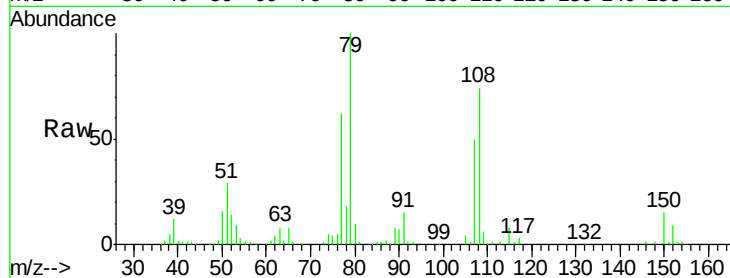
Tgt Ion: 79 Resp: 200070

Ion Ratio Lower Upper

79 100

108 73.5 88.6 132.8#

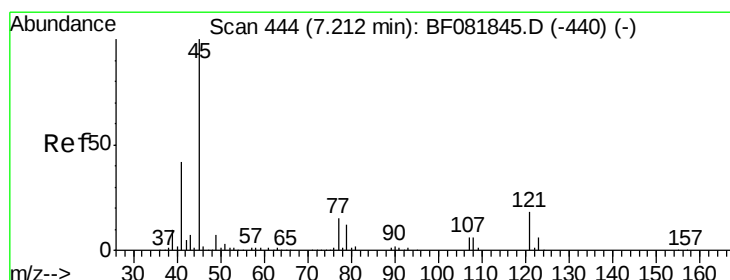
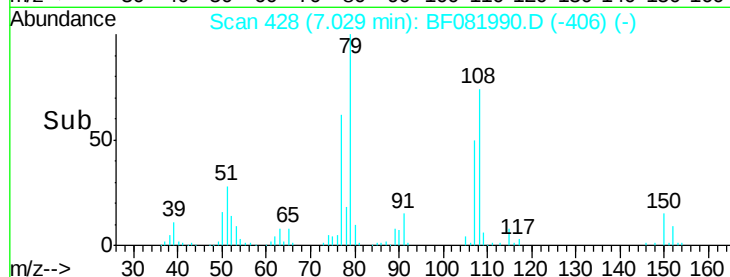
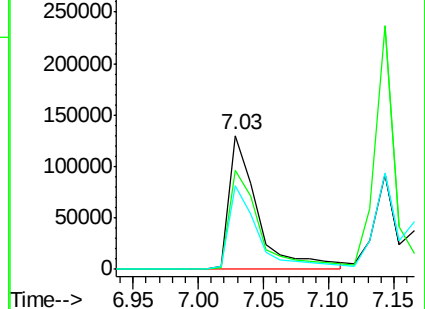
77 62.1 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.80 ng

RT: 7.17 min Scan# 440

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

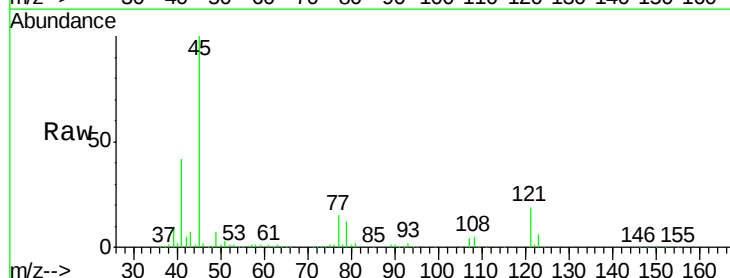
Tgt Ion: 45 Resp: 363767

Ion Ratio Lower Upper

45 100

77 15.2 0.0 28.1

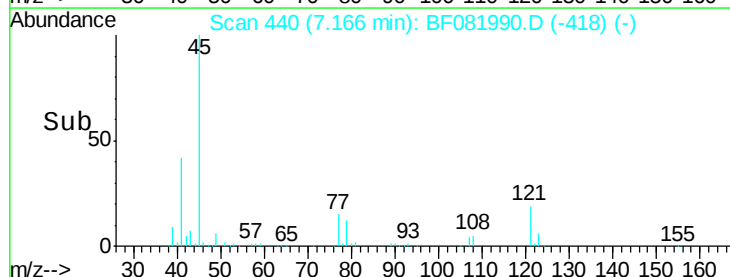
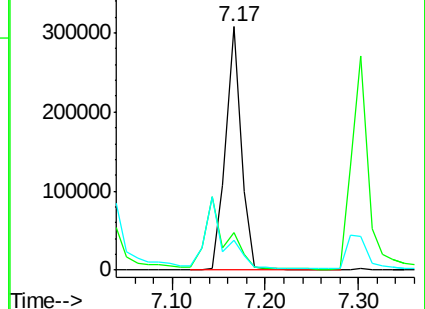
79 12.2 0.0 26.0

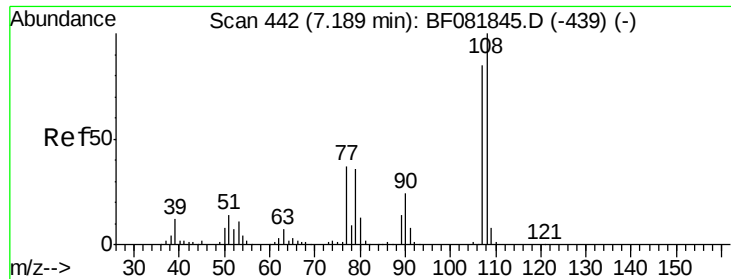


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

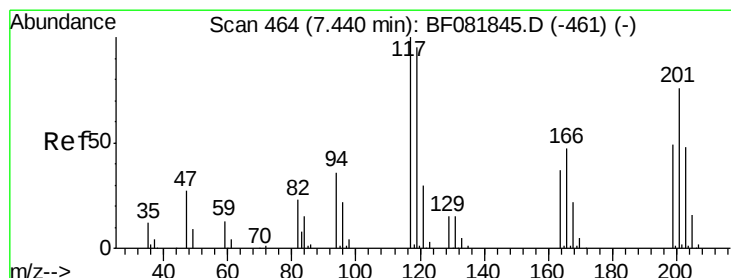
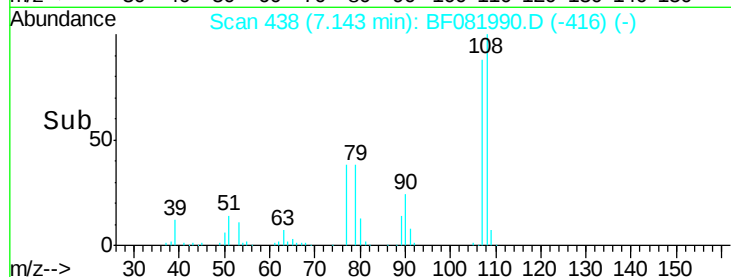
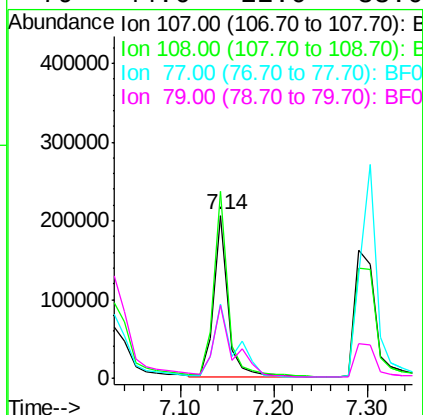
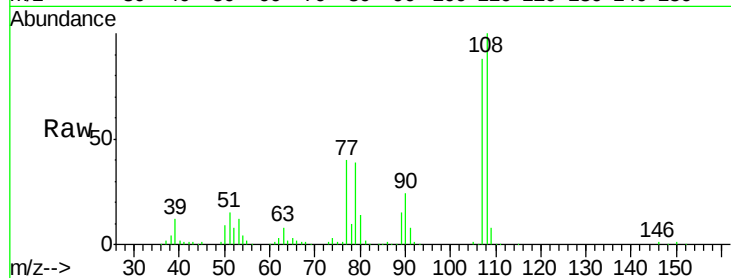




#17
2-Methylphenol
Concen: 45.40 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

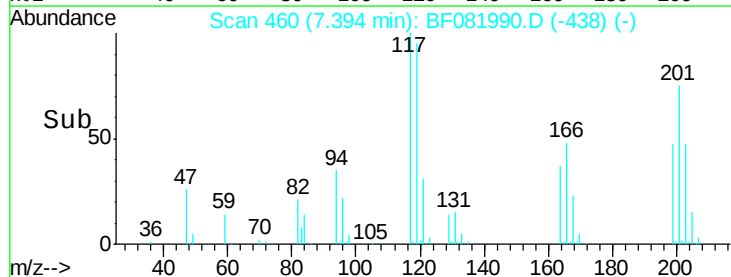
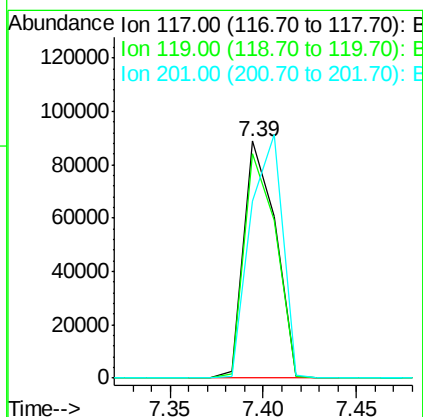
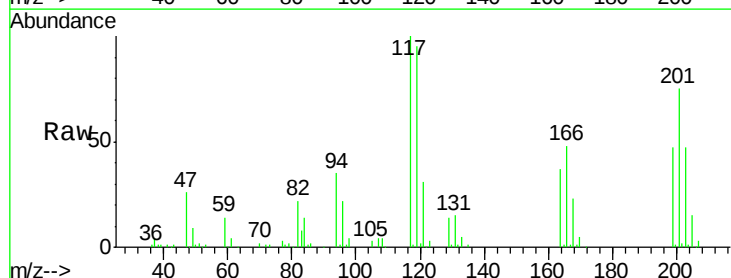
Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

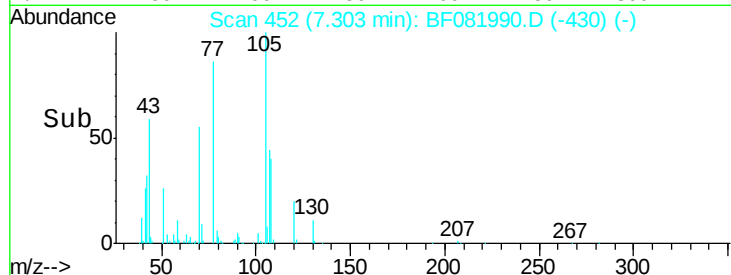
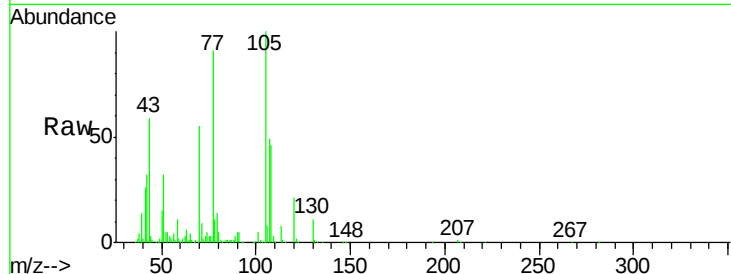
Tgt Ion	Resp	Lower	Upper
107	100		
108	114.2	96.6	145.0
77	45.1	23.3	34.9#
79	44.6	22.0	33.0#



#18
Hexachloroethane
Concen: 44.57 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion	Resp	Lower	Upper
117	100		
119	94.7	83.8	125.6
201	74.5	55.1	82.7

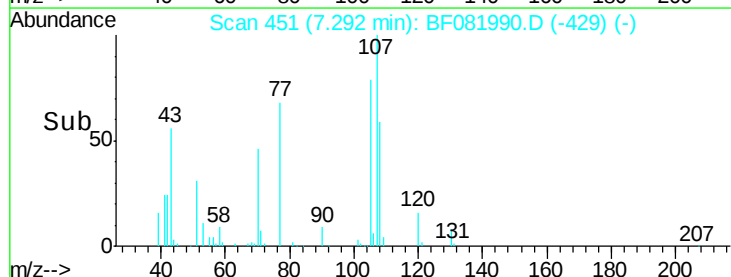
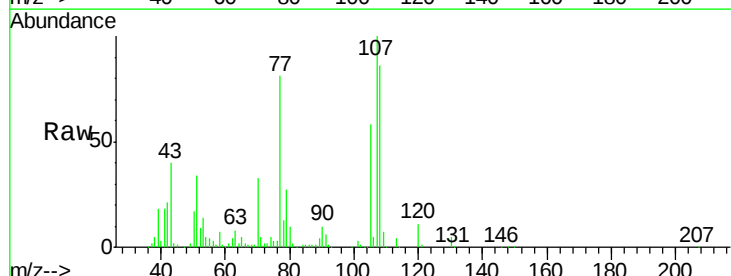
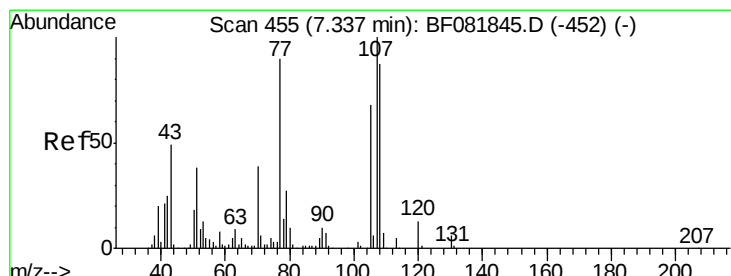
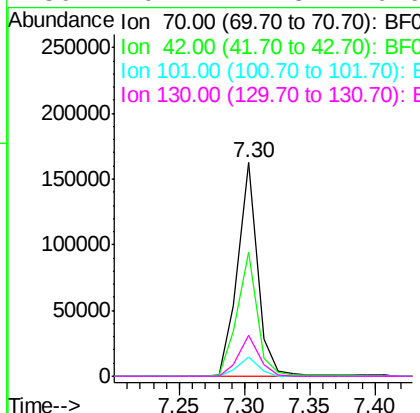




#19
n-Nitroso-di-n-propylamine
Concen: 41.31 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

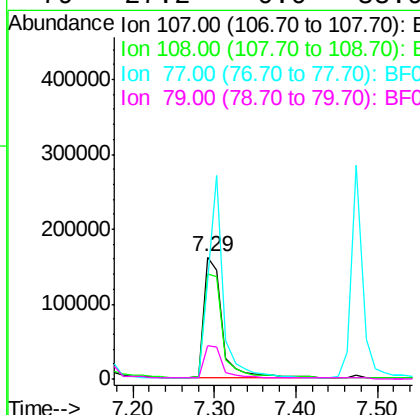
Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

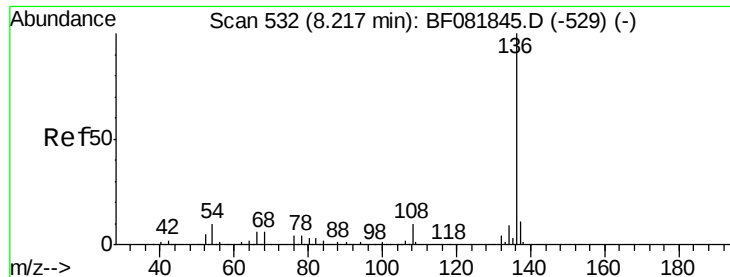
Tgt Ion:	70	Resp:	173530
Ion	Ratio	Lower	Upper
70	100		
42	58.4	63.8	95.6#
101	9.3	9.2	13.8
130	19.4	27.3	40.9#



#20
3+4-Methylphenols
Concen: 41.44 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion:	107	Resp:	257414
Ion	Ratio	Lower	Upper
107	100		
108	85.7	74.6	114.6
77	81.3	0.7	40.7#
79	27.2	0.0	38.9

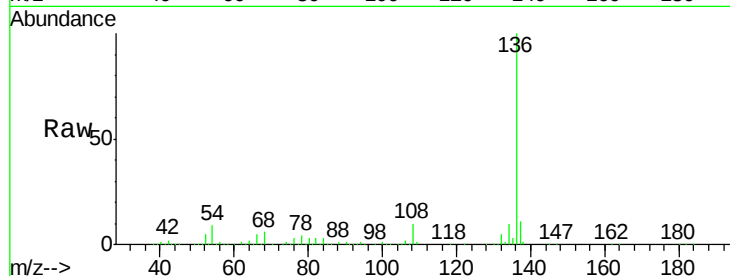




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tgt Ion:	136	Resp:	384371
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.3	8.2	12.2
68	6.0	5.8	8.6



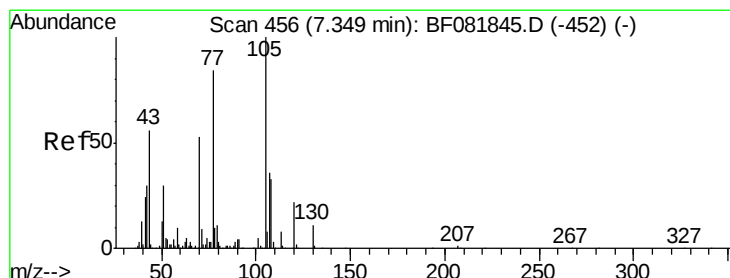
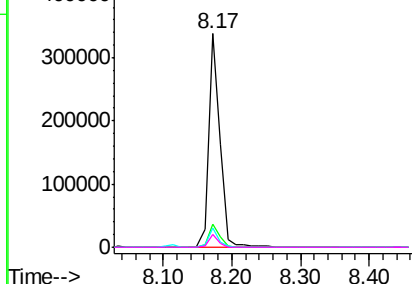
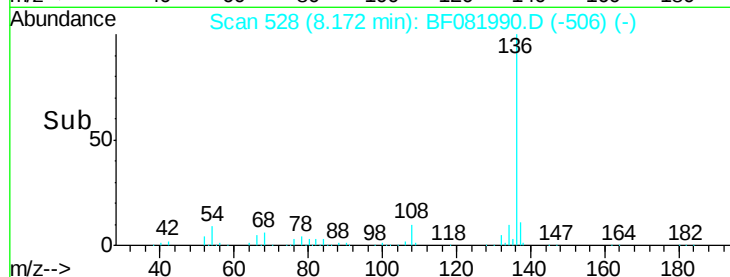
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

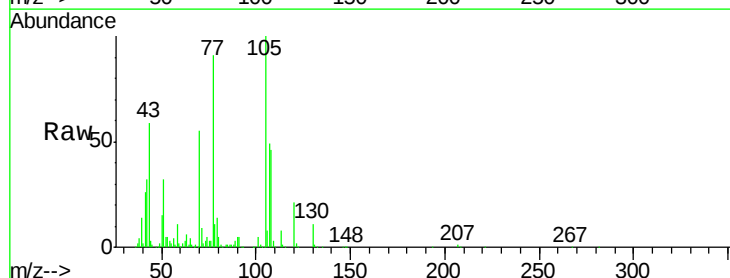
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 46.63 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion:	105	Resp:	366491
Ion	Ratio	Lower	Upper
105	100		
71	9.2	4.7	7.1#
51	31.8	22.0	33.0
120	20.6	30.1	45.1#



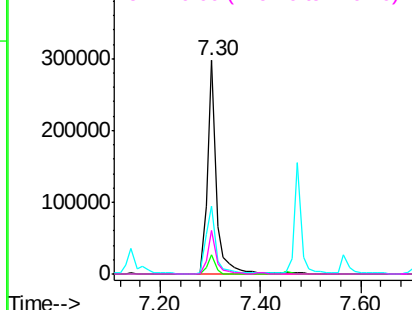
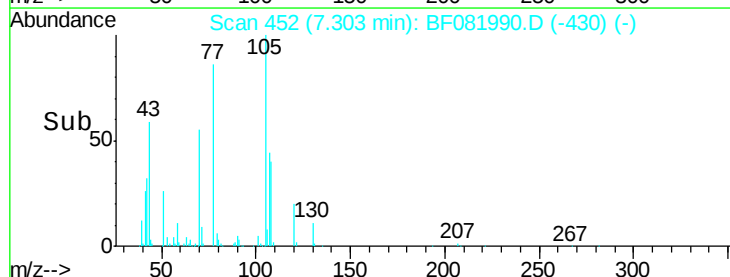
Abundance

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

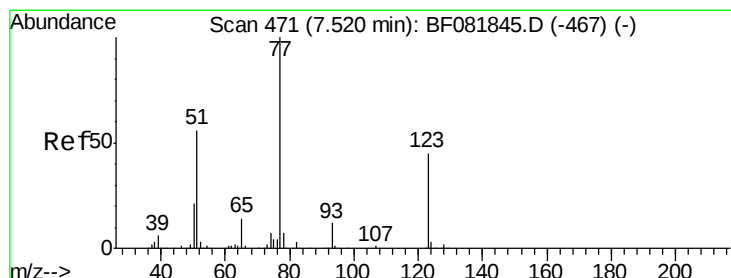
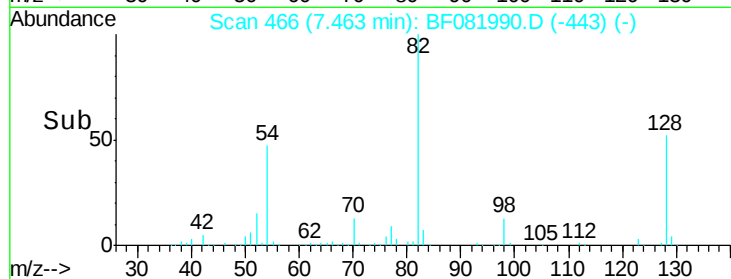
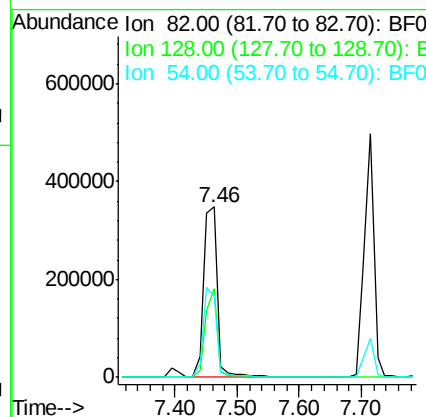
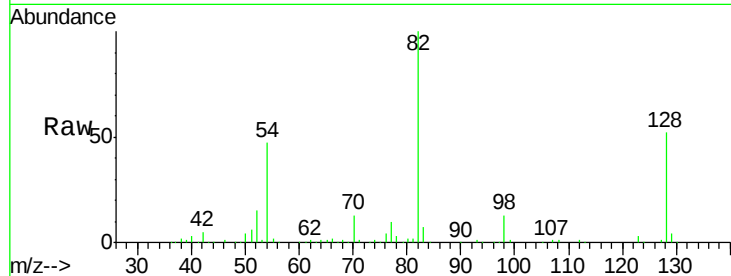




#23
 Nitrobenzene-d5
 Concen: 95.19 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

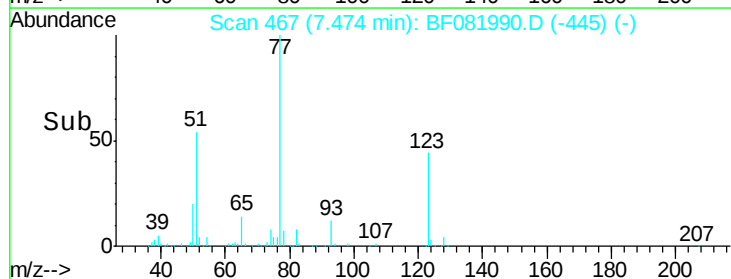
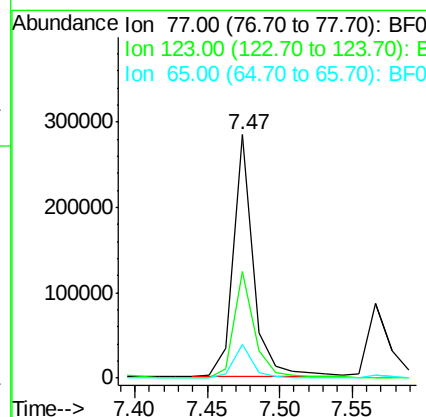
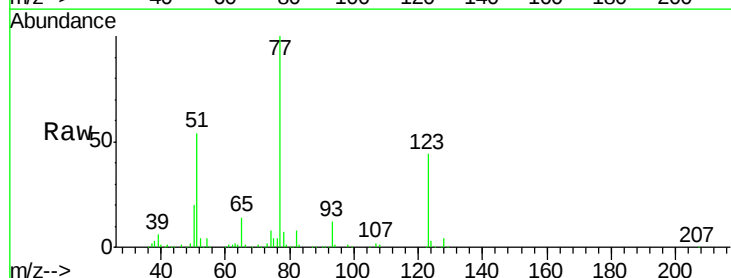
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tgt Ion: 82 Resp: 548868
 Ion Ratio Lower Upper
 82 100
 128 52.4 51.0 76.6
 54 47.3 47.5 71.3#



#24
 Nitrobenzene
 Concen: 43.57 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion: 77 Resp: 272782
 Ion Ratio Lower Upper
 77 100
 123 43.9 59.8 89.8#
 65 13.7 10.2 15.4





#25

Isophorone

Concen: 45.62 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

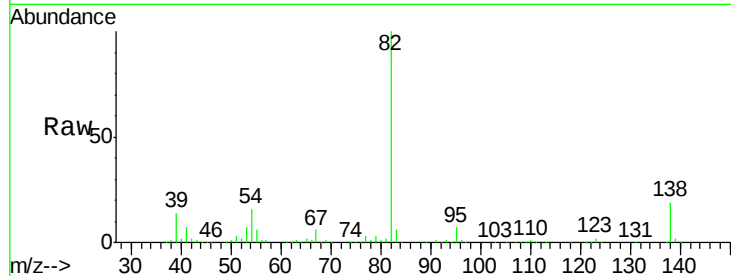
Tgt Ion: 82 Resp: 521326

Ion Ratio Lower Upper

82 100

95 7.0 4.0 6.0#

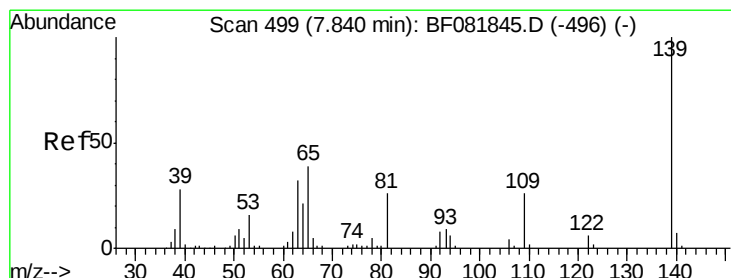
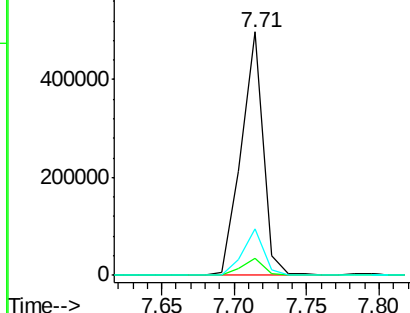
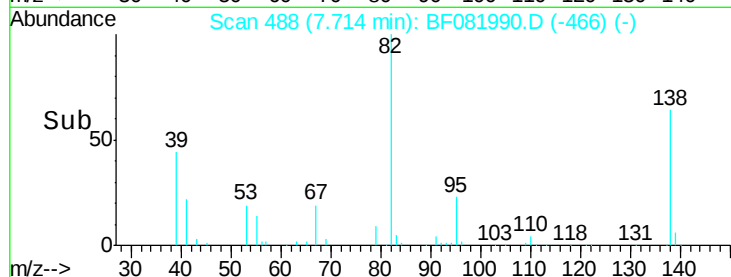
138 19.2 18.3 27.5



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: 49.54 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

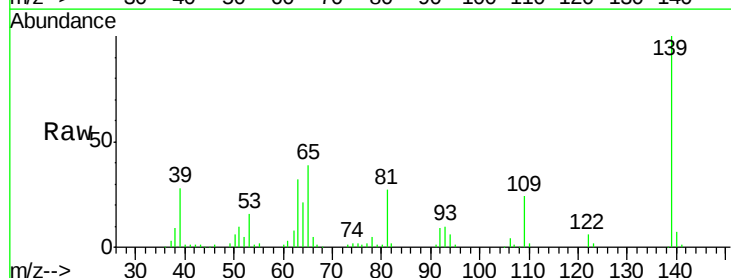
Tgt Ion: 139 Resp: 148885

Ion Ratio Lower Upper

139 100

109 24.5 11.0 16.4#

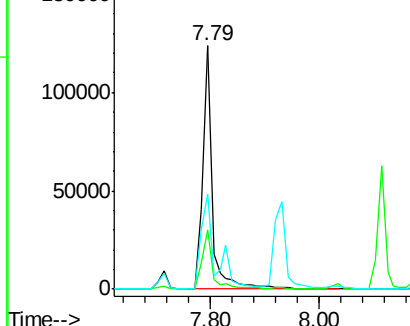
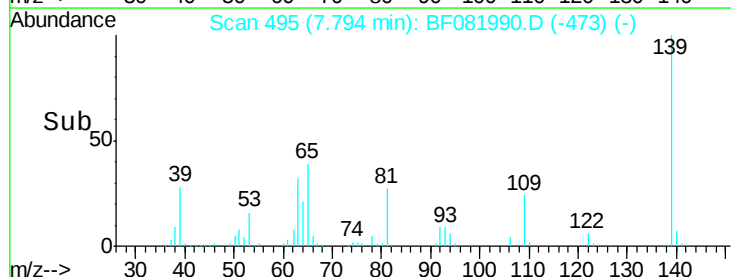
65 39.2 24.7 37.1#

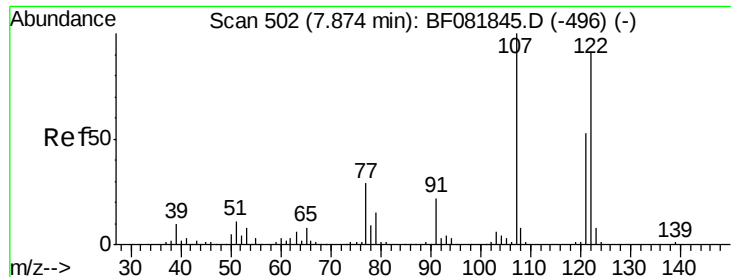


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

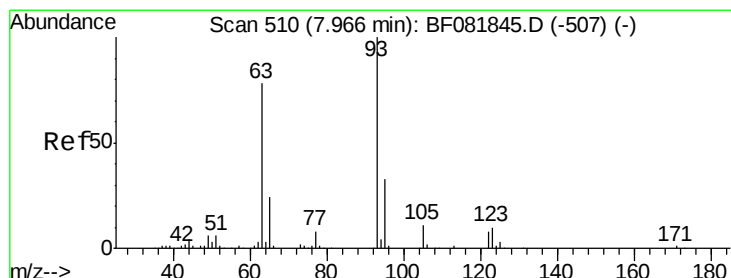
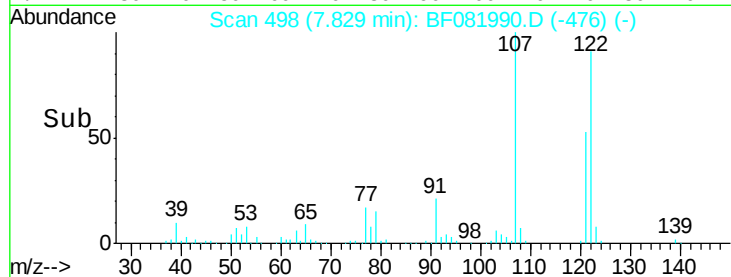
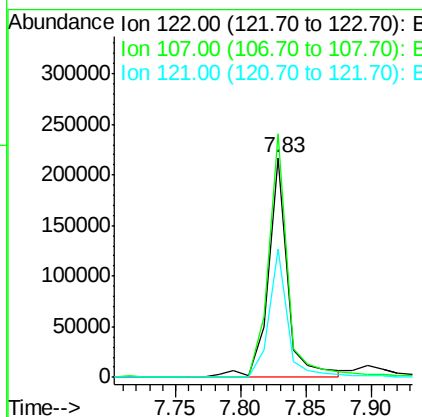
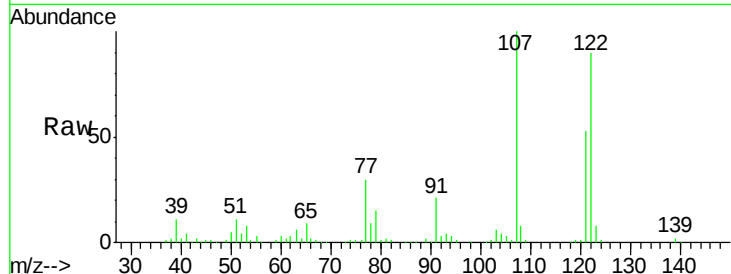




#27
 2,4-Dimethylphenol
 Concen: 42.86 ng
 RT: 7.83 min Scan# 498
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

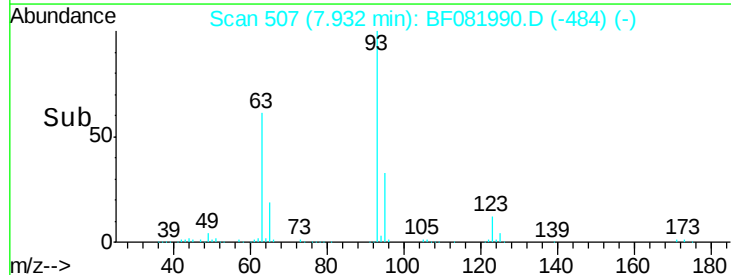
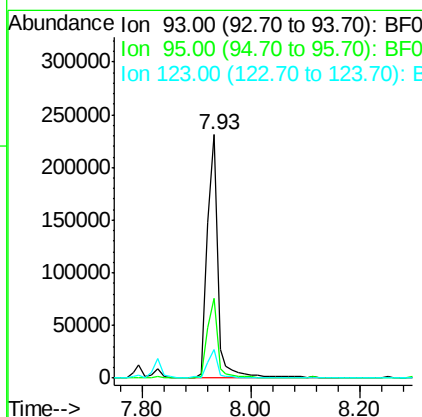
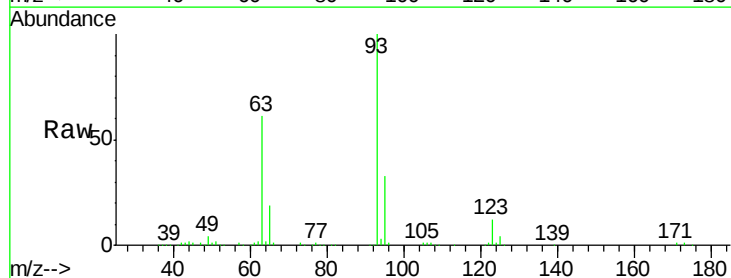
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

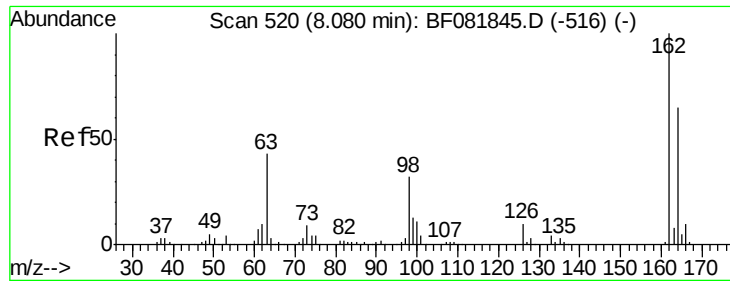
Tgt Ion: 122 Resp: 226605
 Ion Ratio Lower Upper
 122 100
 107 110.7 71.8 107.6#
 121 58.4 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.36 ng
 RT: 7.93 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion: 93 Resp: 307859
 Ion Ratio Lower Upper
 93 100
 95 32.7 27.5 41.3
 123 11.9 13.7 20.5#

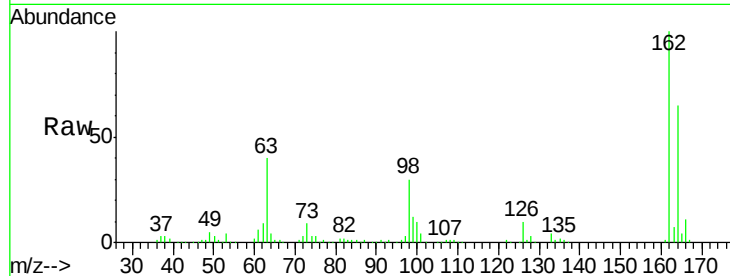




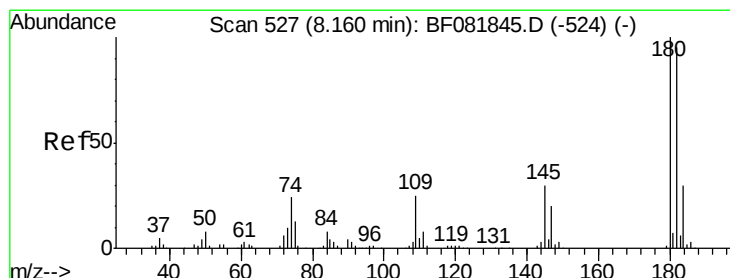
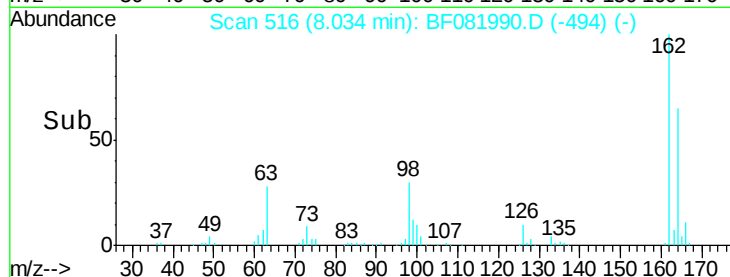
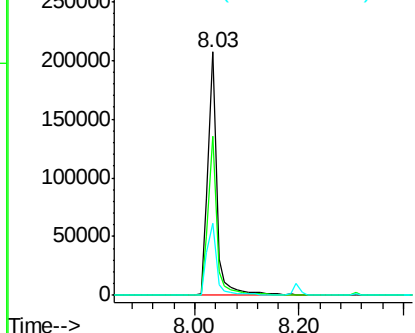
#29
2,4-Dichlorophenol
Concen: 49.10 ng
RT: 8.03 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tgt Ion:162 Resp: 251741
Ion Ratio Lower Upper
162 100
164 65.5 44.9 84.9
98 29.6 13.0 53.0

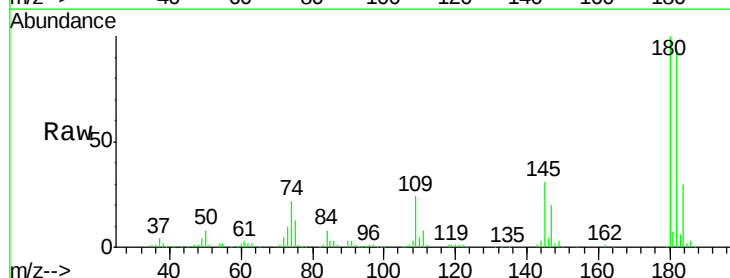


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

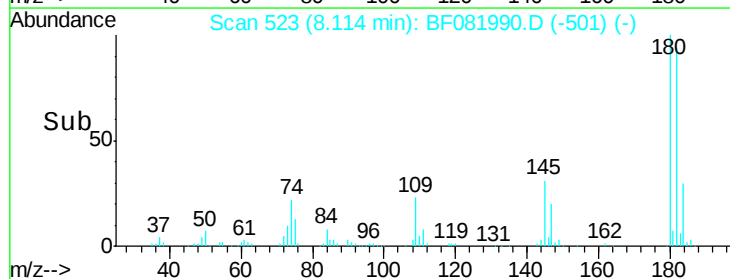
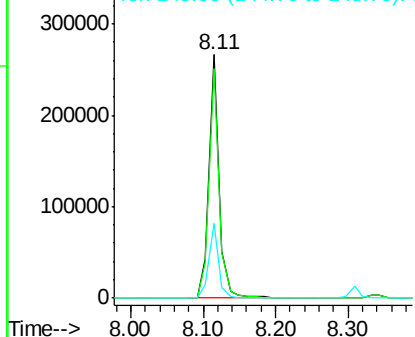


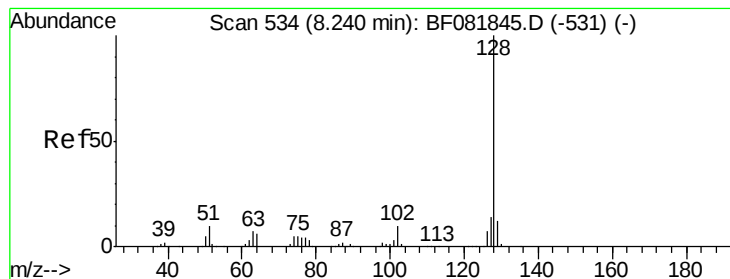
#30
1,2,4-Trichlorobenzene
Concen: 45.61 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion:180 Resp: 261063
Ion Ratio Lower Upper
180 100
182 94.0 77.1 115.7
145 30.8 23.3 34.9



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: 44.84 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

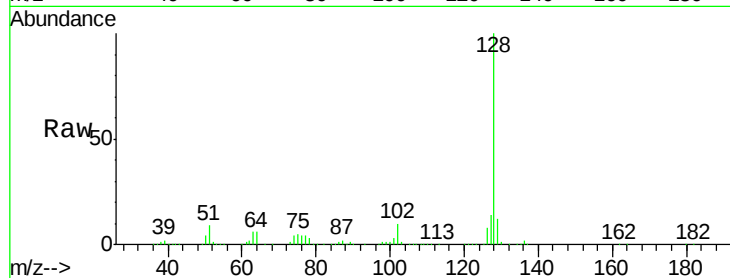
Tgt Ion:128 Resp: 763729

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

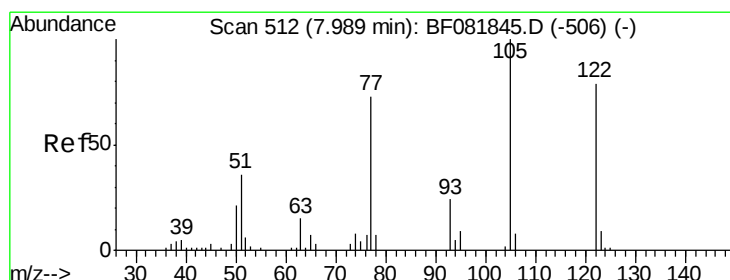
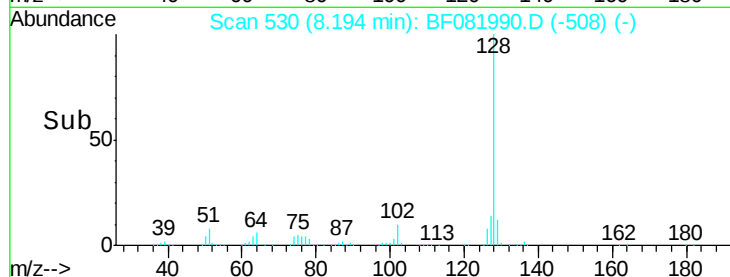
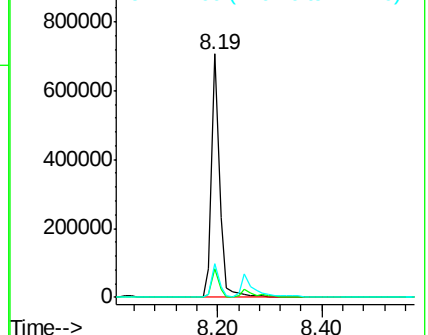
127 13.7 9.9 14.9



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: 15.93 ng

RT: 7.90 min Scan# 504

Delta R.T. -0.09 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

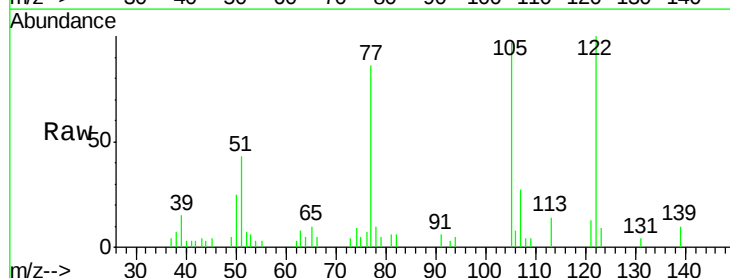
Tgt Ion:122 Resp: 32061

Ion Ratio Lower Upper

122 100

105 97.5 76.1 116.1

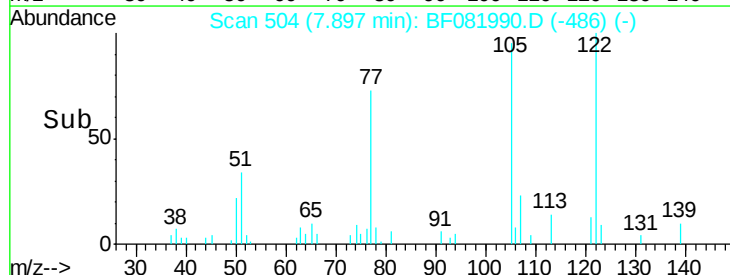
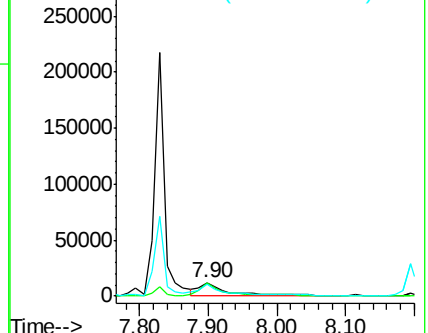
77 86.2 40.5 80.5#

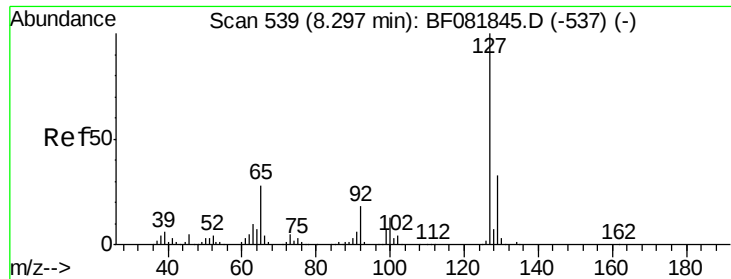


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

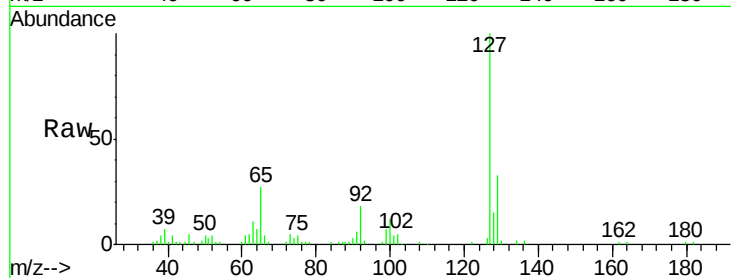




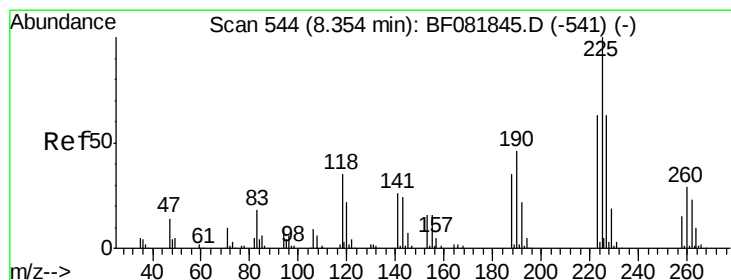
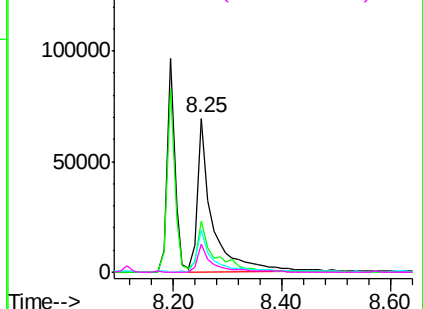
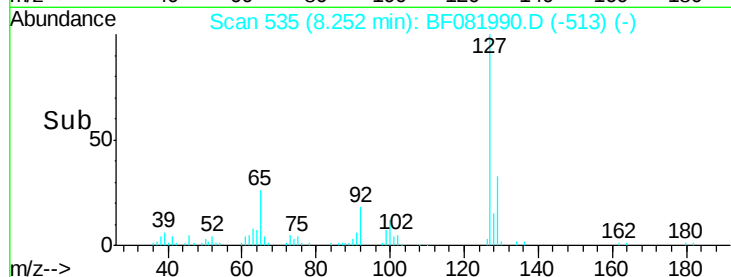
#33
4-Chloroaniline
Concen: 17.37 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tgt Ion:	127	Resp:	127890
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	27.4	17.9	26.9#
92	18.2	10.5	15.7#

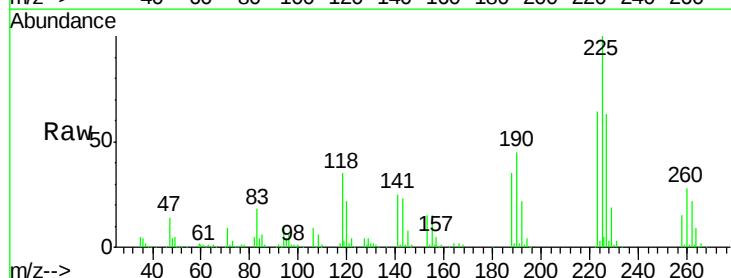


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

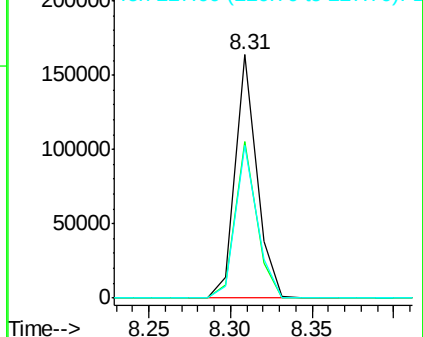
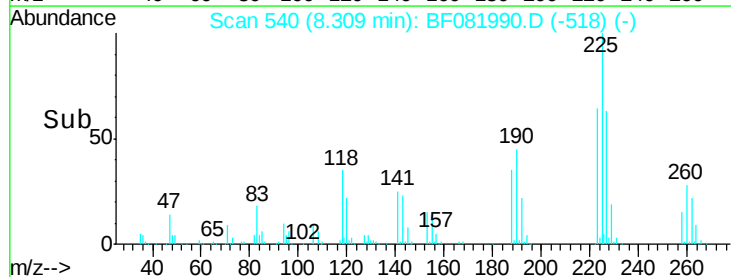


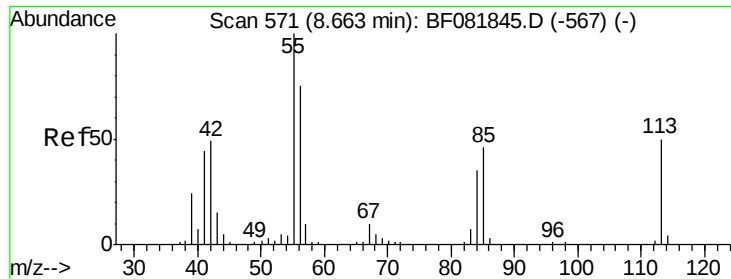
#34
Hexachlorobutadiene
Concen: 44.04 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion:	225	Resp:	149079
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.2
227	63.0	52.2	78.2



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

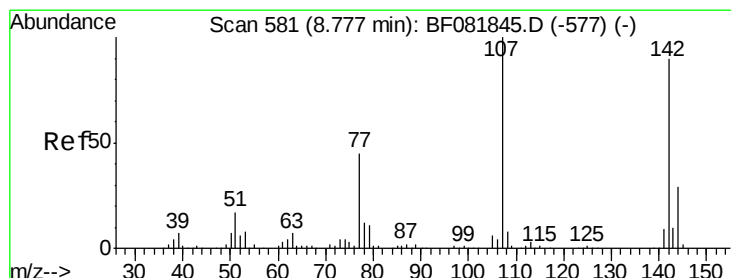
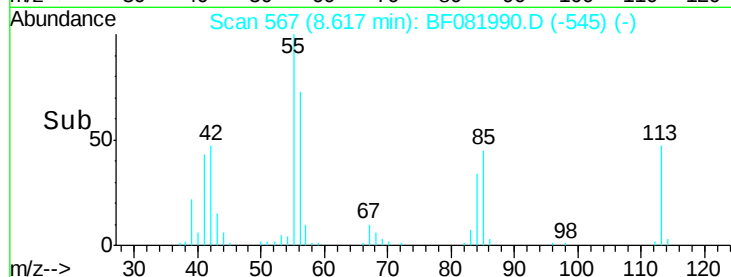
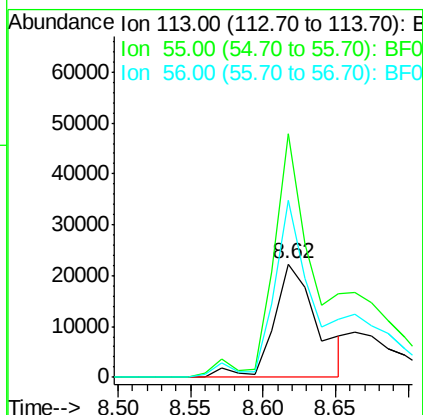
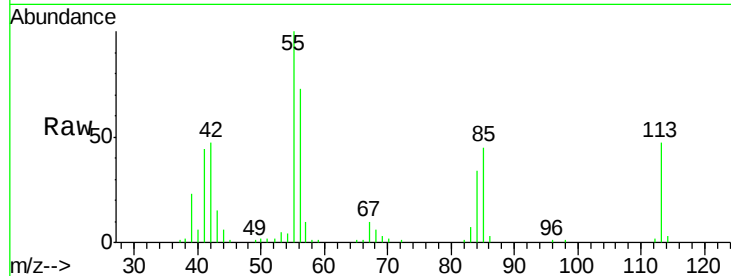




#35
 Caprolactam
 Concen: 32.88 ng
 RT: 8.62 min Scan# 567
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

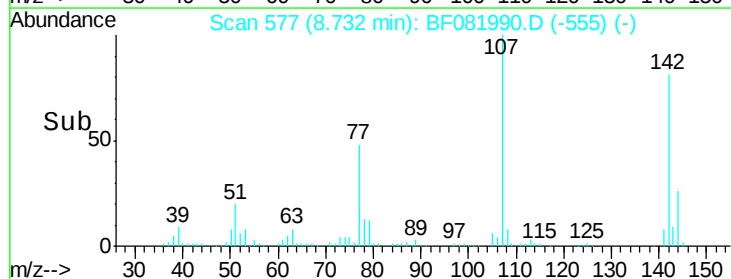
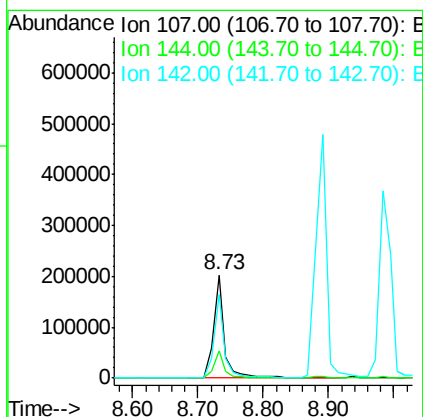
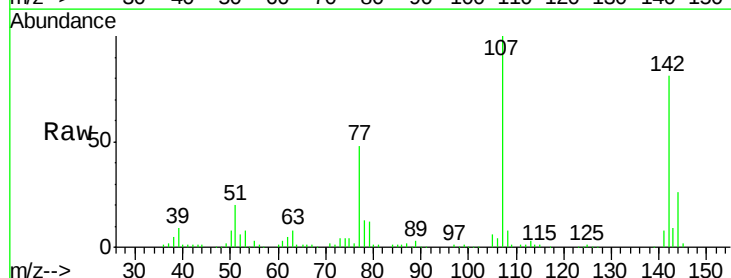
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

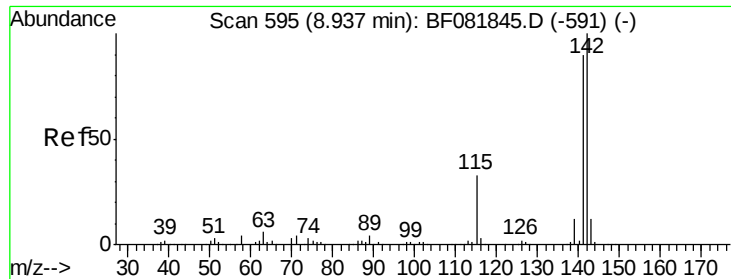
Tgt Ion:113 Resp: 46666
 Ion Ratio Lower Upper
 113 100
 55 214.5 152.4 192.4#
 56 155.8 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 48.36 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion:107 Resp: 242416
 Ion Ratio Lower Upper
 107 100
 144 26.3 25.4 38.0
 142 80.6 77.3 115.9

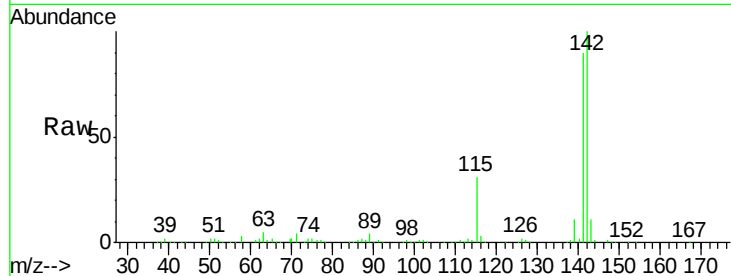




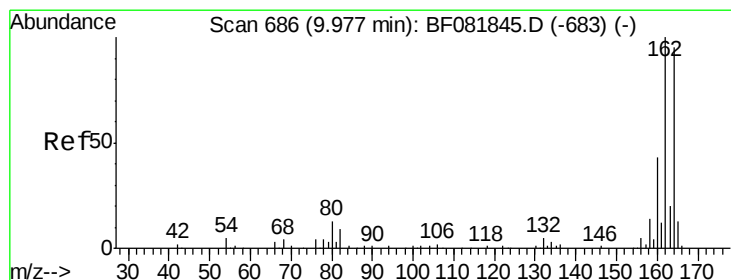
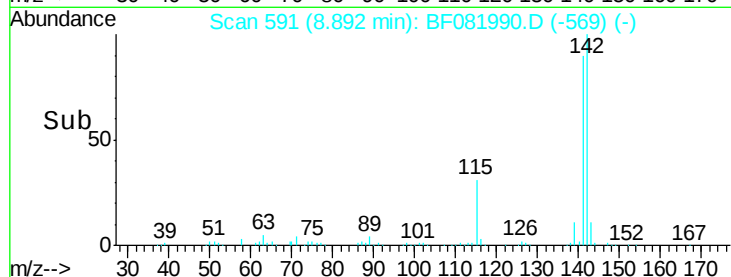
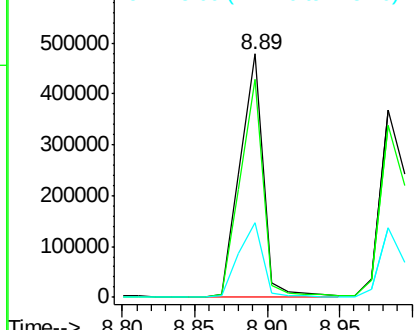
#37
 2-Methylnaphthalene
 Concen: 46.02 ng
 RT: 8.89 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tgt Ion:142 Resp: 535010
 Ion Ratio Lower Upper
 142 100
 141 89.5 67.5 101.3
 115 30.7 18.2 27.2#

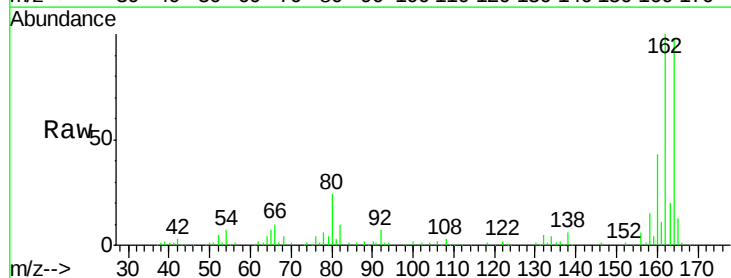


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

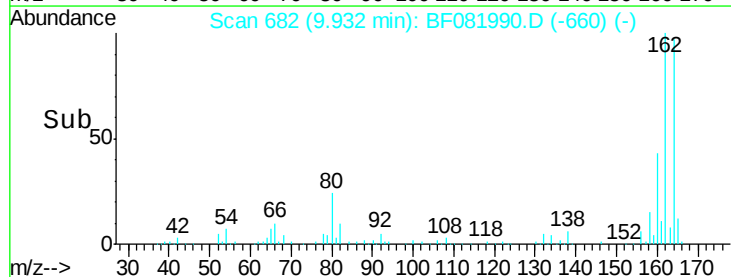
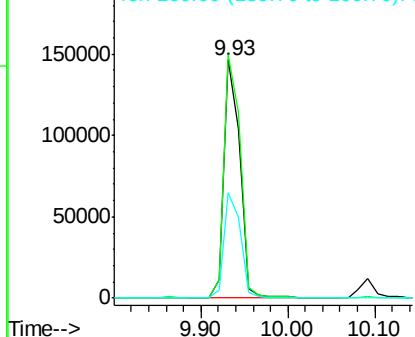


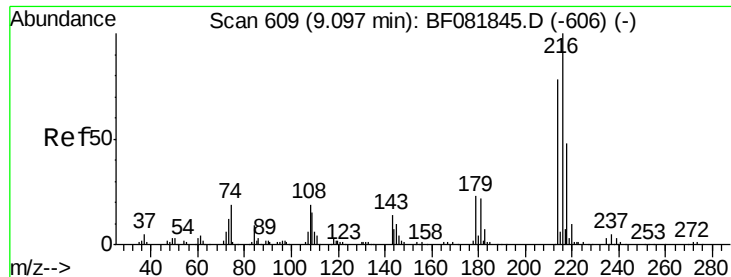
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion:164 Resp: 187983
 Ion Ratio Lower Upper
 164 100
 162 102.1 75.2 112.8
 160 44.3 31.5 47.3



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

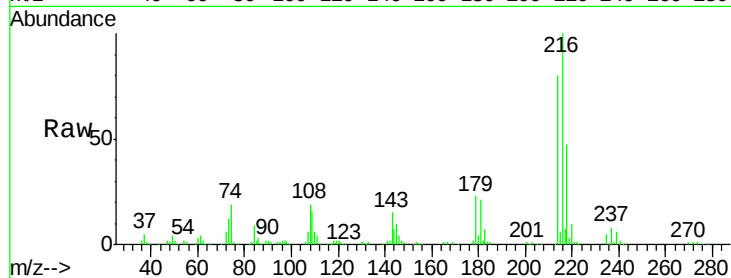




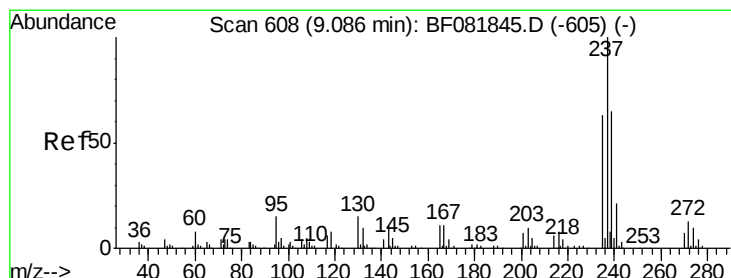
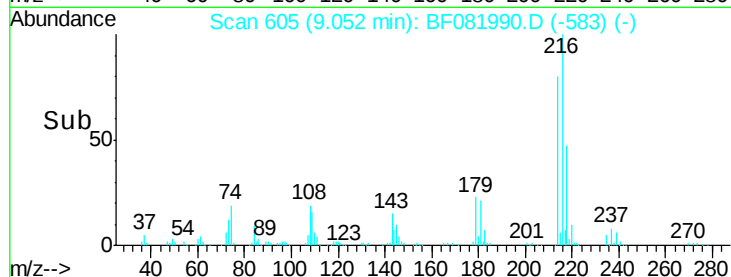
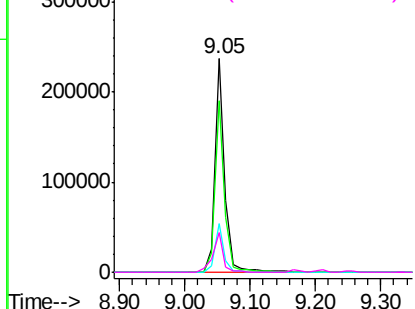
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.68 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tgt Ion:	216	Resp:	252081
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.5	95.3
179	21.0	16.6	24.8
108	19.9	16.3	24.5

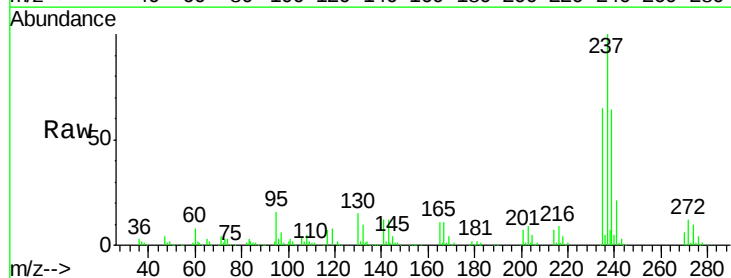


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

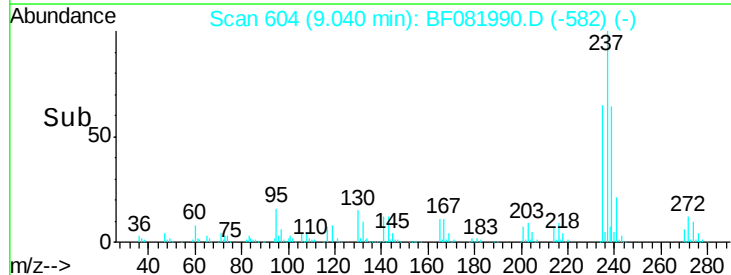
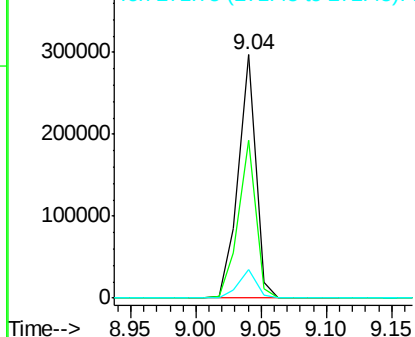


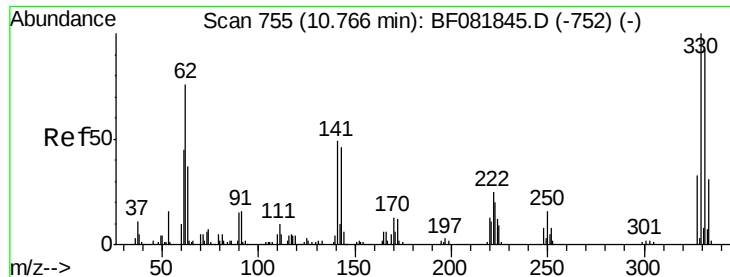
#40
 Hexachlorocyclopentadiene
 Concen: 93.38 ng
 RT: 9.04 min Scan# 604
 Delta R.T. -0.04 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion:	237	Resp:	277524
Ion	Ratio	Lower	Upper
237	100		
235	64.6	42.0	82.0
272	11.7	0.0	36.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

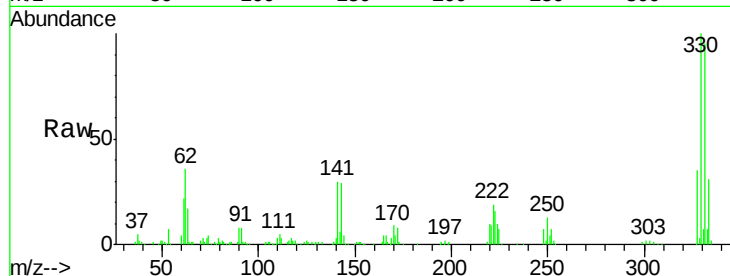




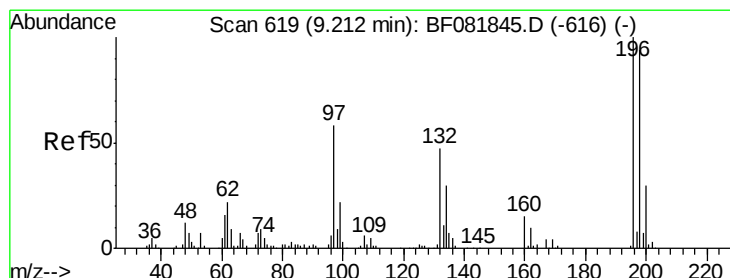
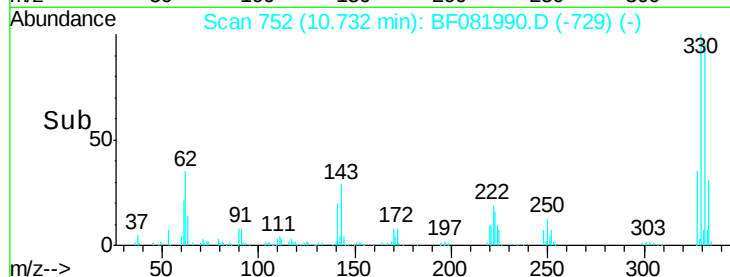
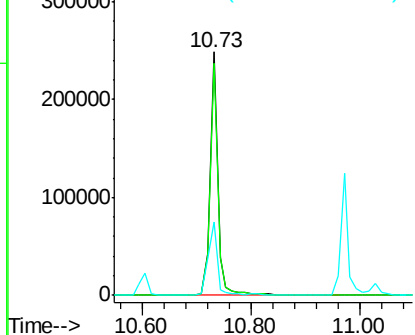
#41
 2,4,6-Tribromophenol
 Concen: 130.27 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tgt Ion:330 Resp: 248017
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 34.8 29.7 44.5

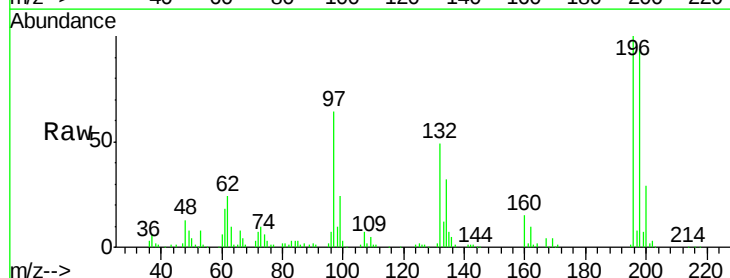


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

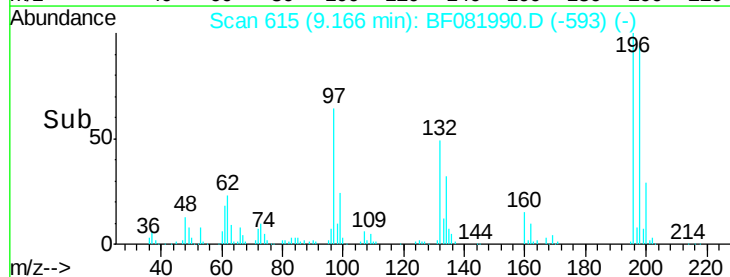
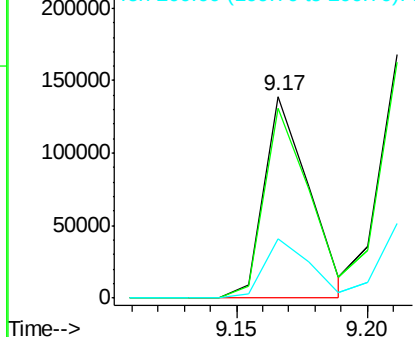


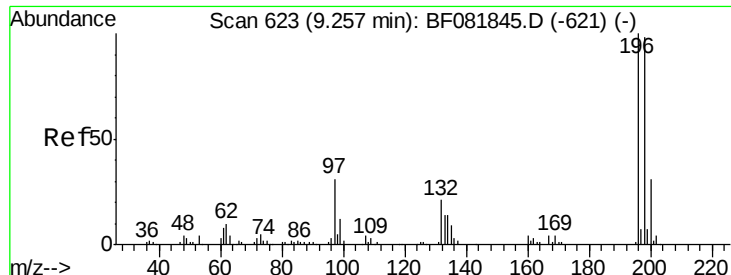
#42
 2,4,6-Trichlorophenol
 Concen: 41.59 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion:196 Resp: 164559
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.7 113.5
 200 29.3 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

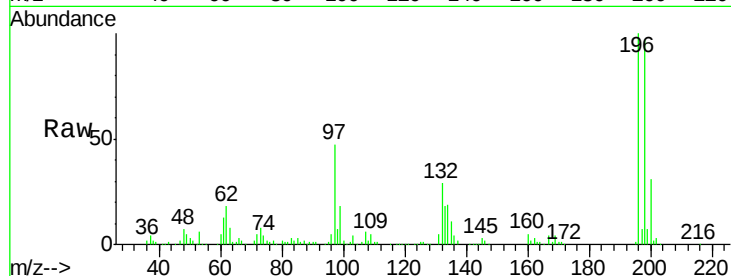




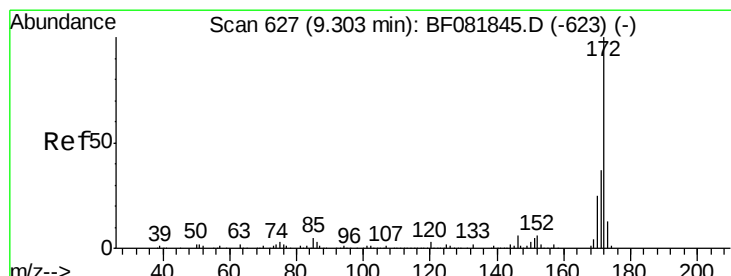
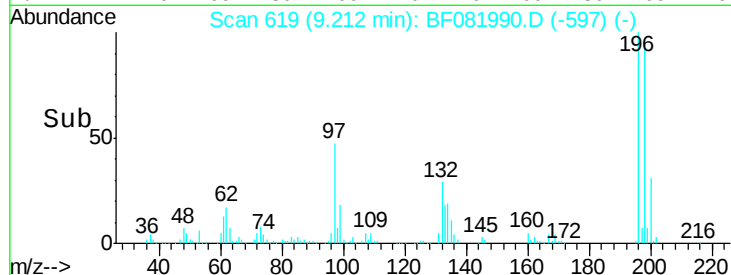
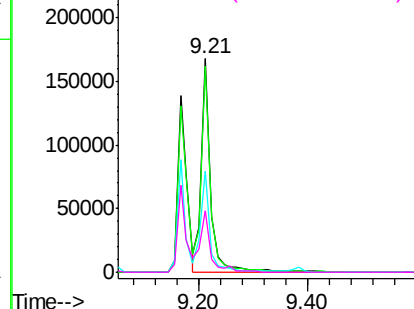
#43
 2,4,5-Trichlorophenol
 Concen: 48.04 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tgt Ion:196 Resp: 195477
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.4 113.0
 97 47.4 33.3 49.9
 132 28.9 24.6 37.0

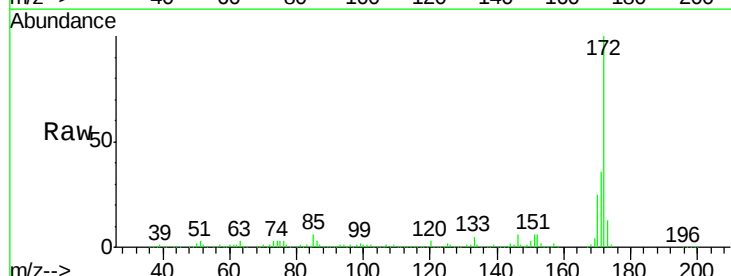


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

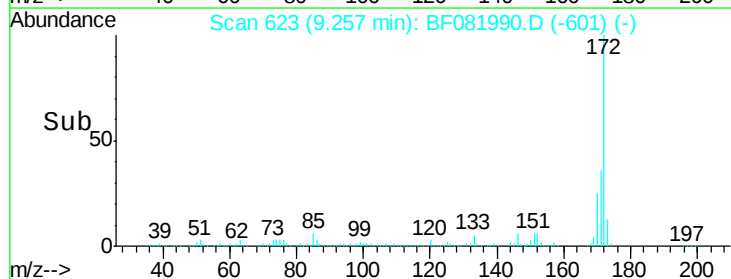
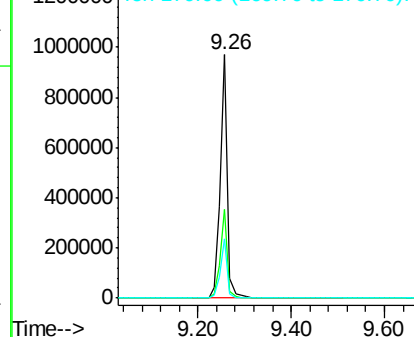


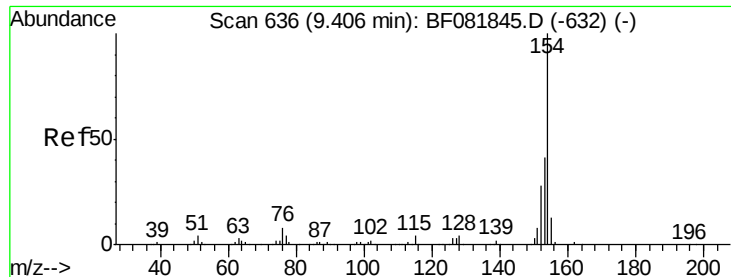
#44
 2-Fluorobiphenyl
 Concen: 94.36 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion:172 Resp: 1037525
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.6 17.4 26.2



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





#45

1,1'-Biphenyl

Concen: 46.37 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

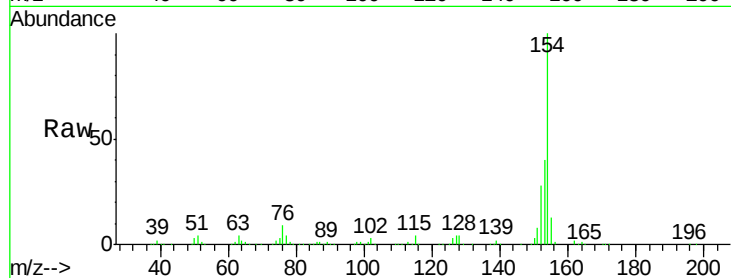
Tgt Ion:154 Resp: 672542

Ion Ratio Lower Upper

154 100

153 40.3 17.1 57.1

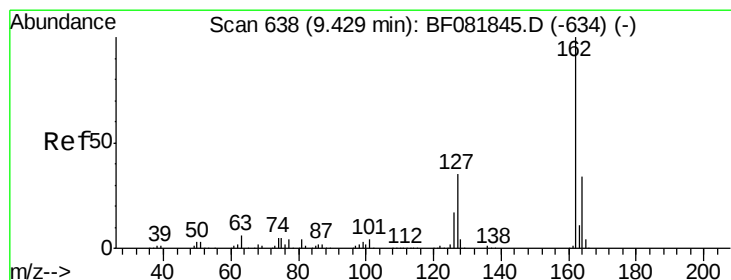
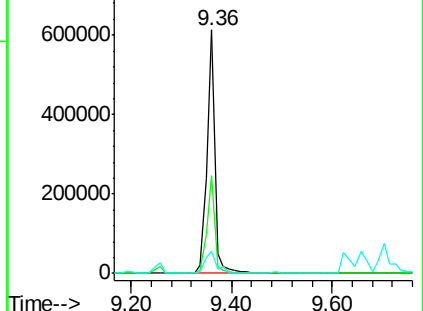
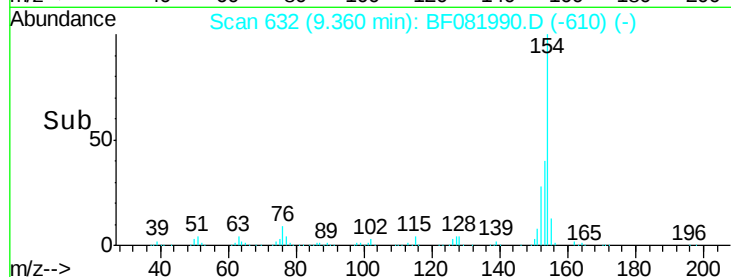
76 9.3 0.0 31.6



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: 46.12 ng

RT: 9.38 min Scan# 634

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

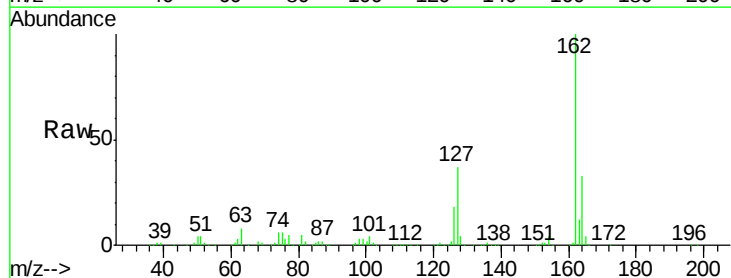
Tgt Ion:162 Resp: 525159

Ion Ratio Lower Upper

162 100

127 37.3 27.6 41.4

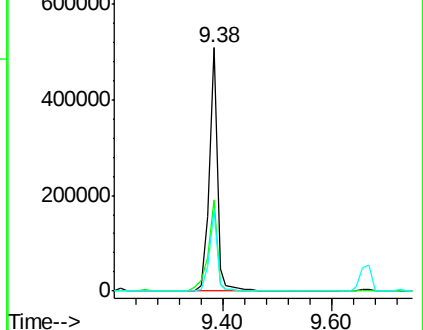
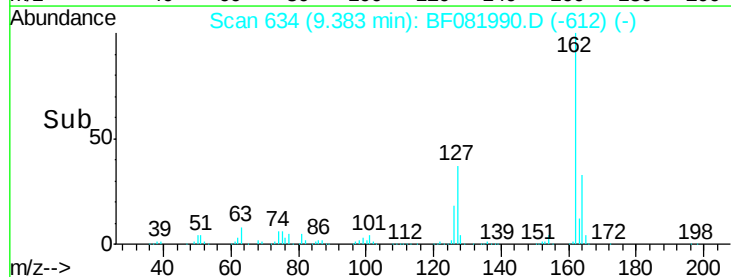
164 33.1 25.4 38.2

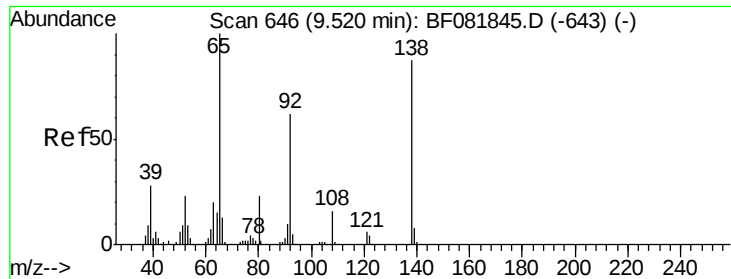


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

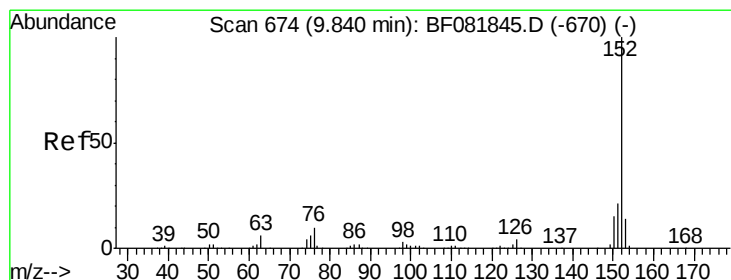
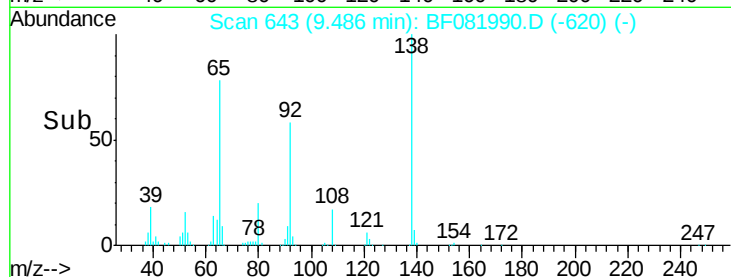
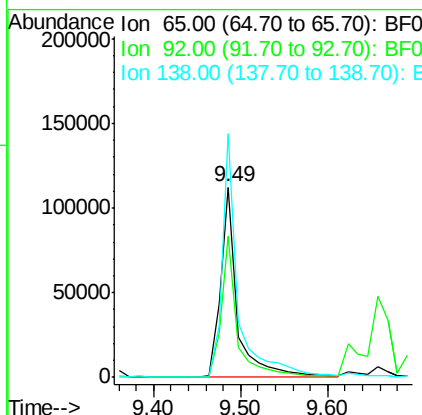
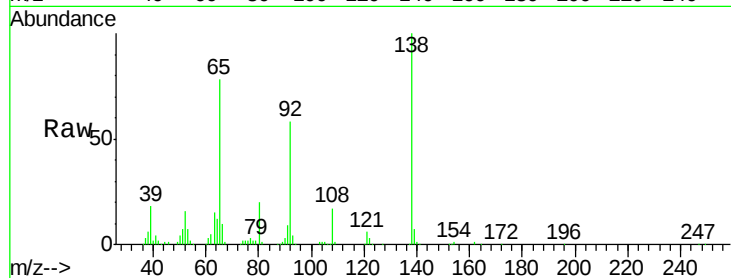




#47
2-Nitroaniline
Concen: 45.89 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

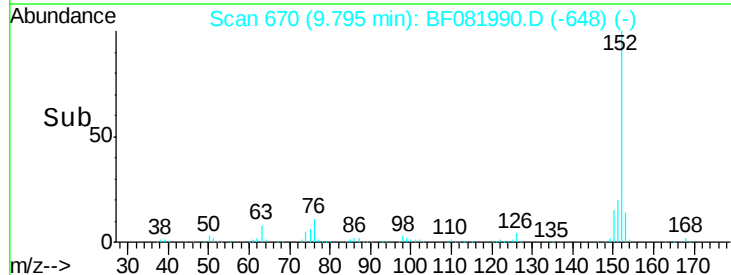
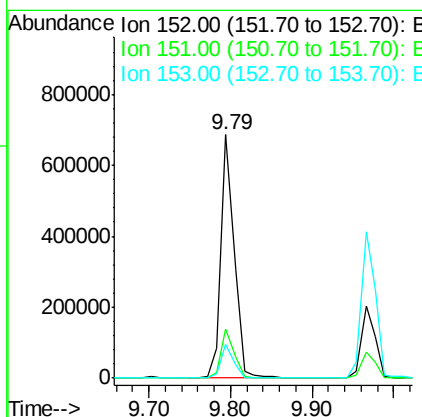
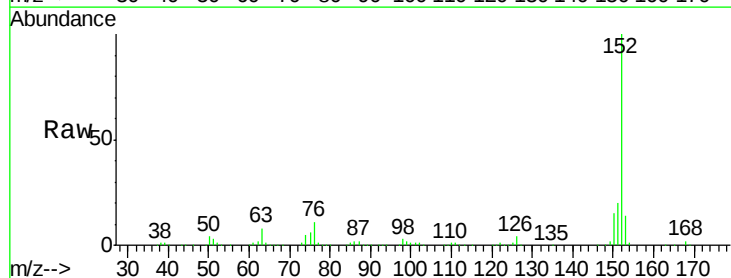
Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

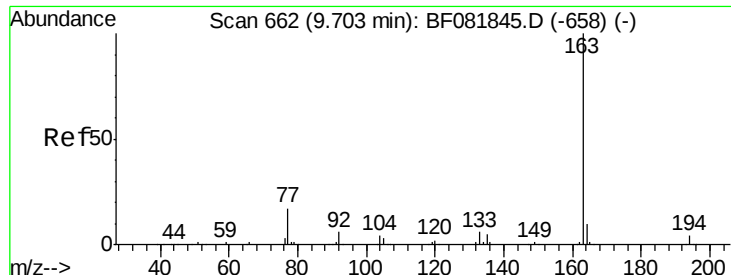
Tgt Ion: 65 Resp: 153418
Ion Ratio Lower Upper
65 100
92 74.3 55.4 83.0
138 128.2 115.5 173.3



#48
Acenaphthylene
Concen: 42.26 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion: 152 Resp: 770180
Ion Ratio Lower Upper
152 100
151 20.2 14.6 22.0
153 13.8 10.3 15.5





#49

Dimethylphthalate

Concen: 59.46 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

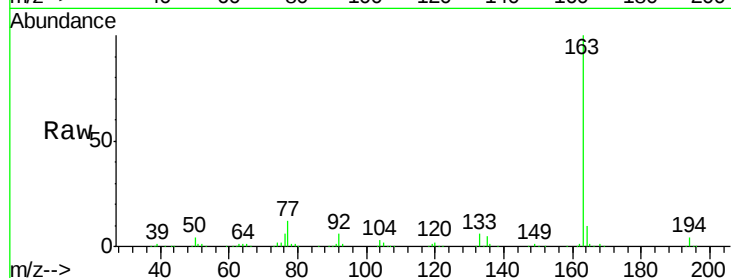
Tgt Ion:163 Resp: 771514

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

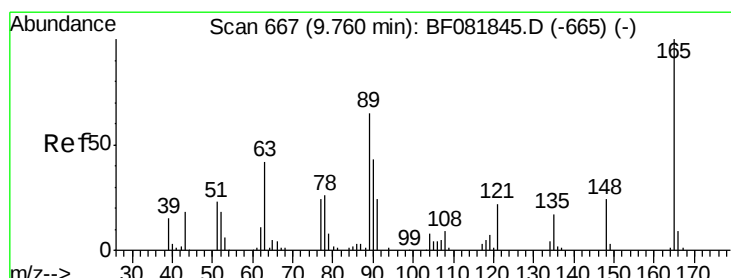
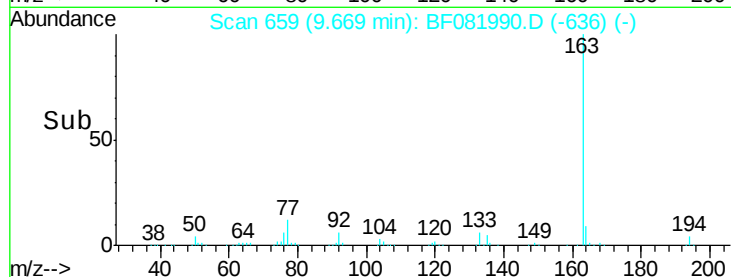
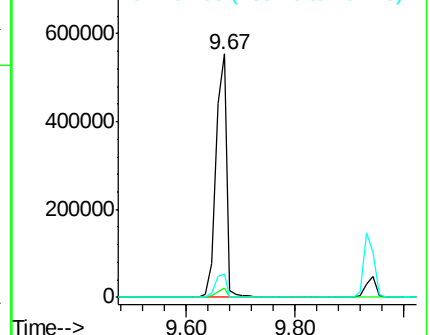
164 9.8 8.3 12.5



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: 47.19 ng

RT: 9.73 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

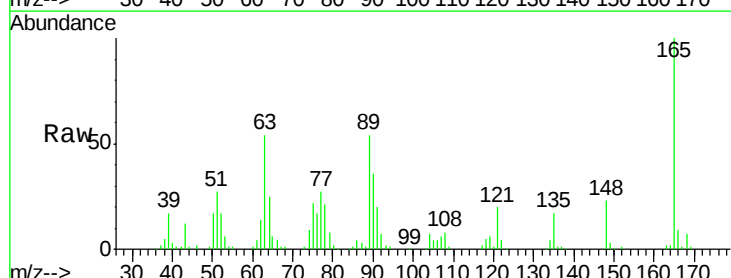
Tgt Ion:165 Resp: 132946

Ion Ratio Lower Upper

165 100

63 54.2 32.3 48.5#

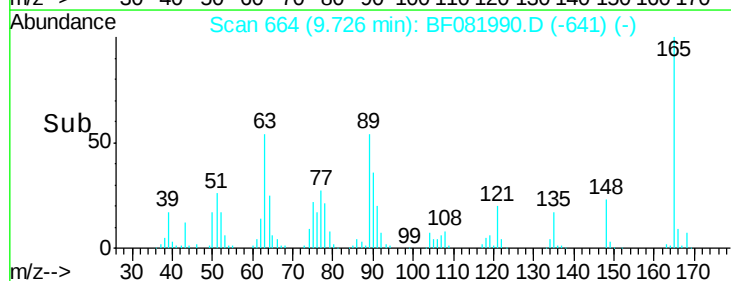
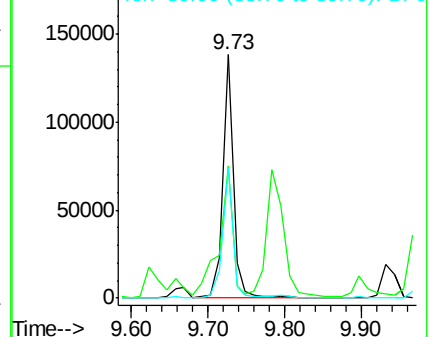
89 53.5 28.6 43.0#

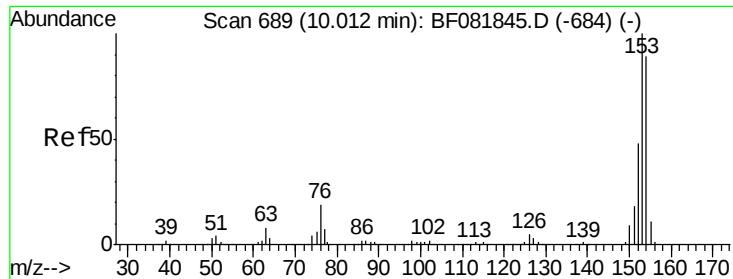


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.92 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

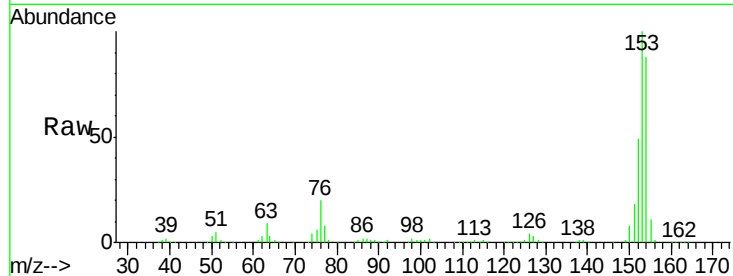
Tgt Ion:154 Resp: 507799

Ion Ratio Lower Upper

154 100

153 113.3 82.1 123.1

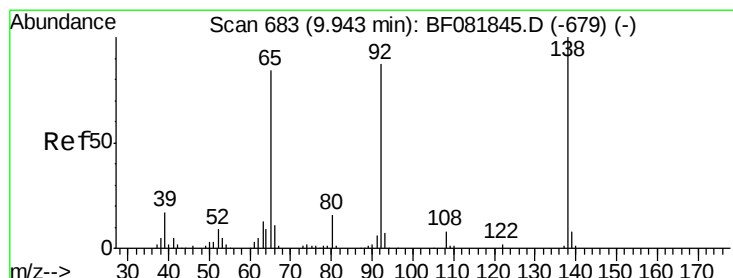
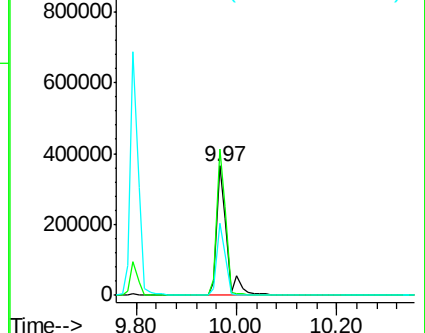
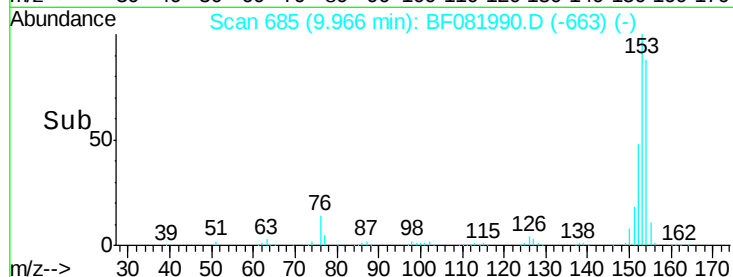
152 55.3 37.9 56.9



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: 29.91 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

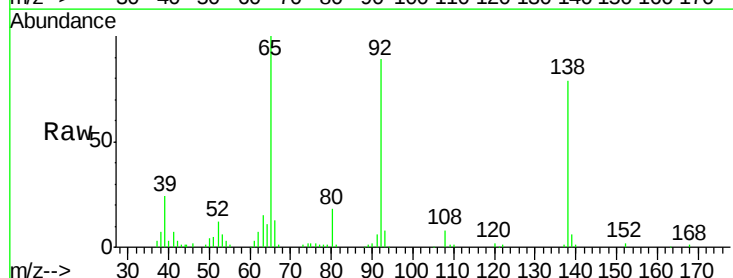
Tgt Ion:138 Resp: 97494

Ion Ratio Lower Upper

138 100

108 9.6 5.7 8.5#

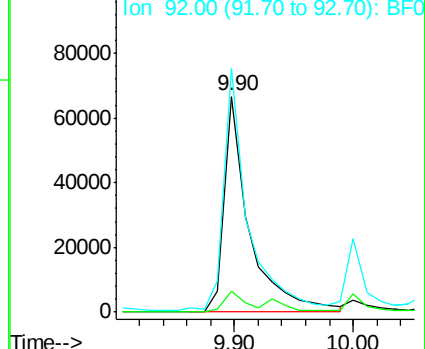
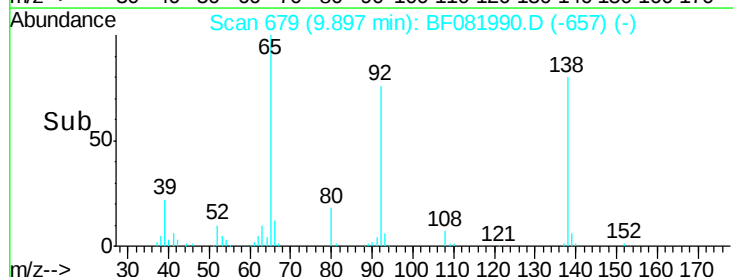
92 112.9 67.7 101.5#



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

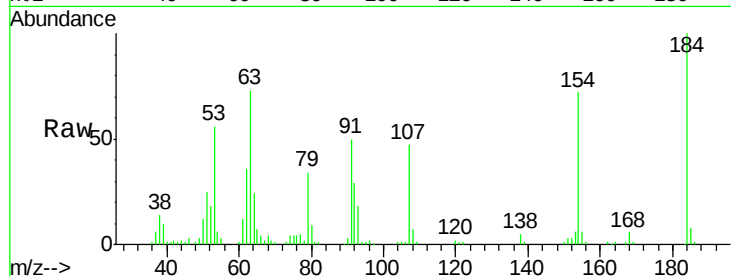




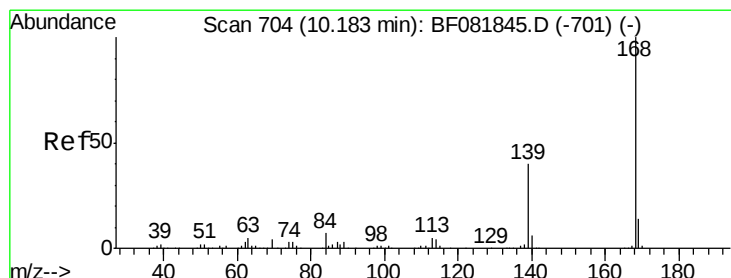
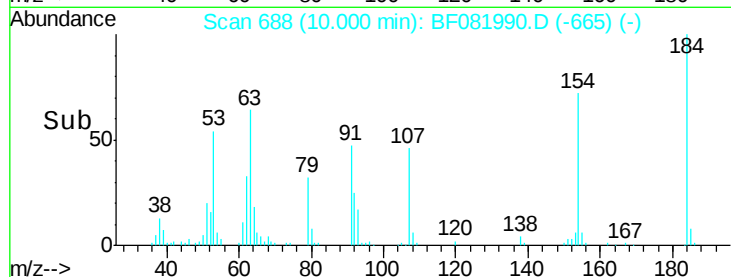
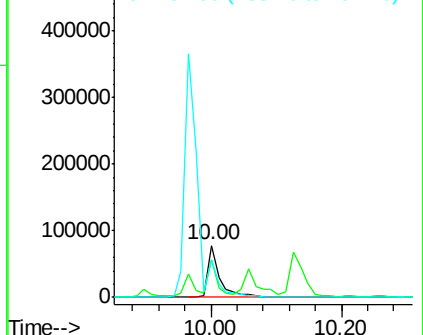
#53
2,4-Dinitrophenol
Concen: 75.88 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tgt Ion:184 Resp: 100389
Ion Ratio Lower Upper
184 100
63 73.0 35.4 53.2#
154 71.5 32.2 48.4#

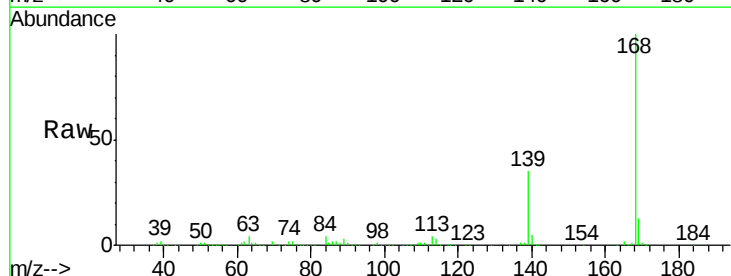


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

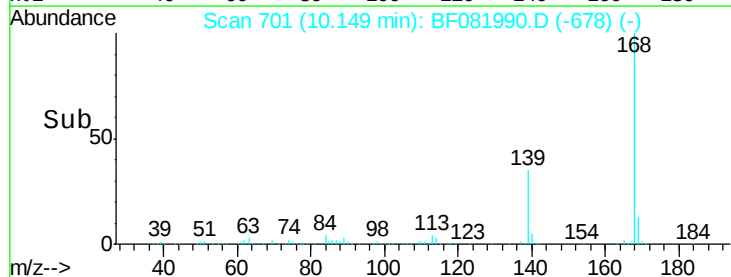
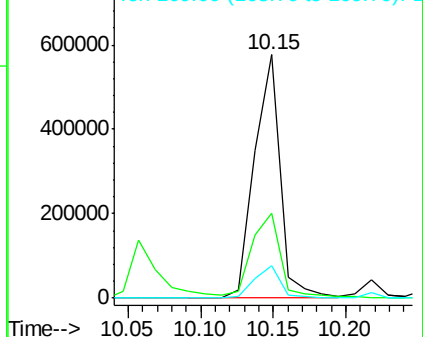


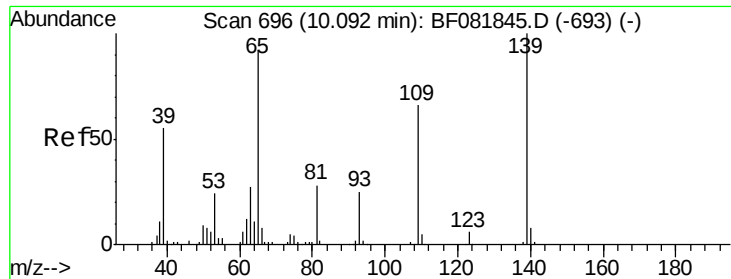
#54
Dibenzofuran
Concen: 46.38 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion:168 Resp: 709454
Ion Ratio Lower Upper
168 100
139 34.9 24.2 36.2
169 13.2 10.6 15.8



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

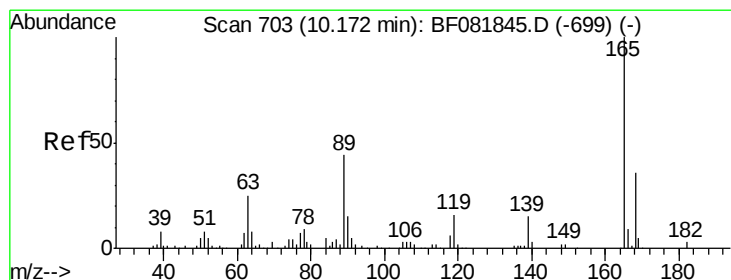
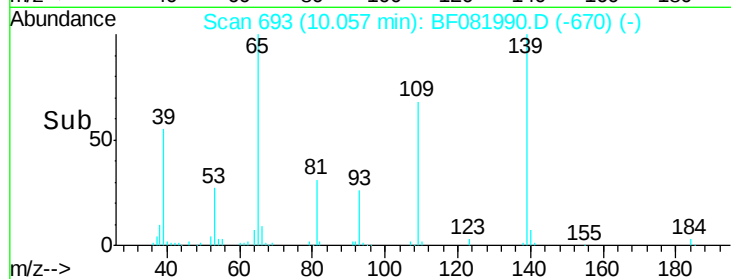
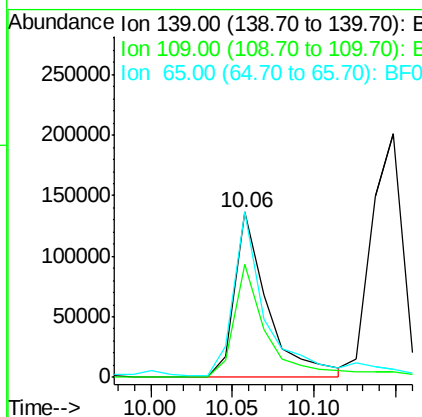
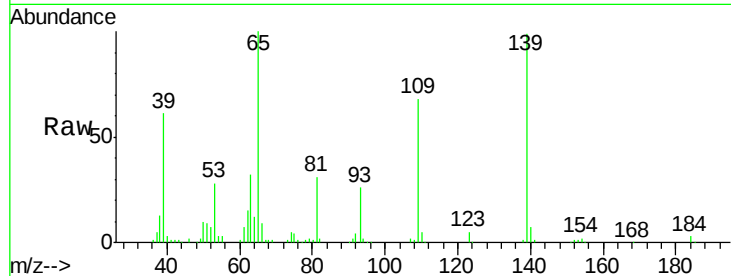




#55
4-Nitrophenol
Concen: 81.42 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

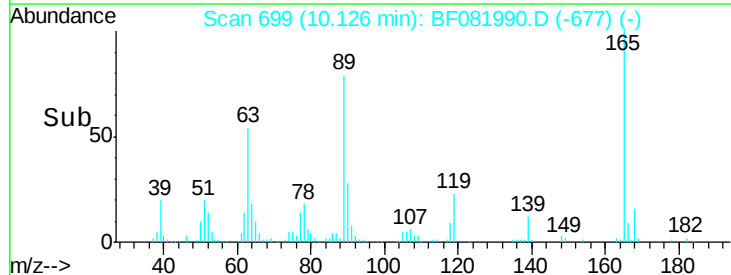
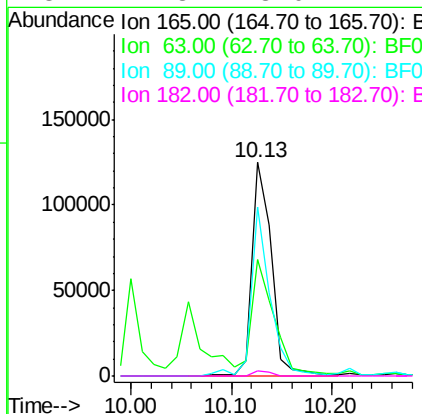
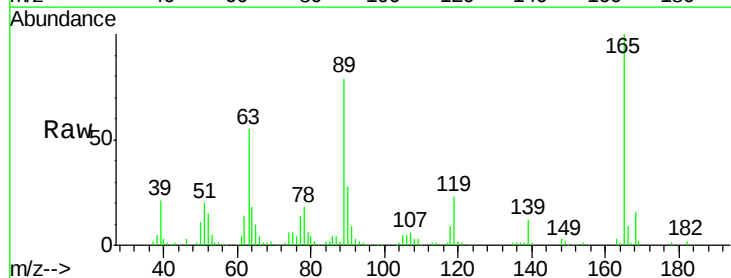
Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

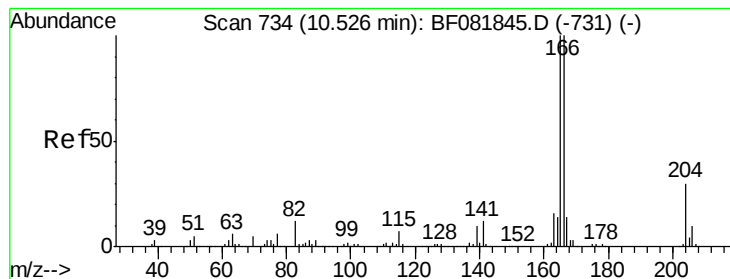
Tgt Ion:139 Resp: 191741
Ion Ratio Lower Upper
139 100
109 68.8 12.7 52.7#
65 100.6 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 46.75 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion:165 Resp: 167903
Ion Ratio Lower Upper
165 100
63 54.5 29.8 44.6#
89 79.4 44.5 66.7#
182 2.3 3.0 4.4#





#57

Fluorene

Concen: 52.05 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

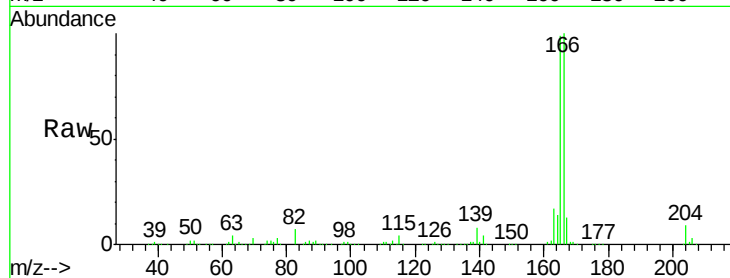
Tgt Ion:166 Resp: 565734

Ion Ratio Lower Upper

166 100

165 99.2 72.6 109.0

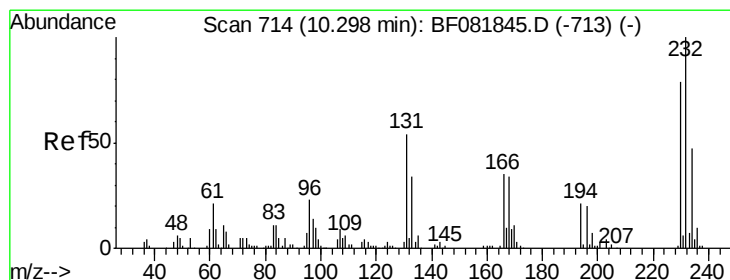
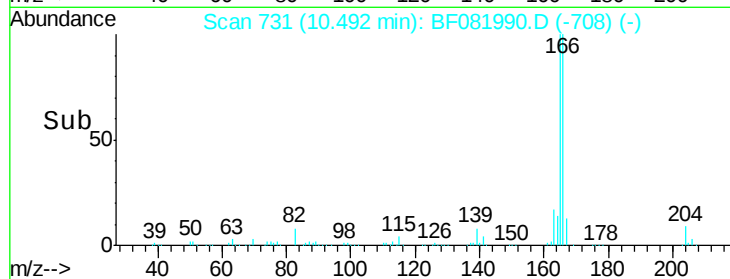
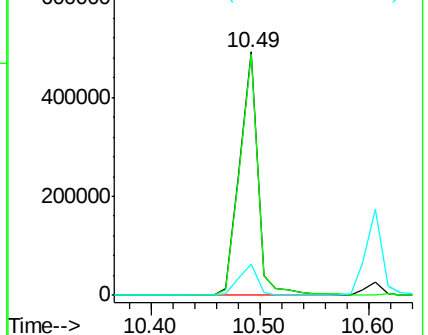
167 12.9 10.6 16.0



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: 52.40 ng

RT: 10.26 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Tgt Ion:232 Resp: 169106

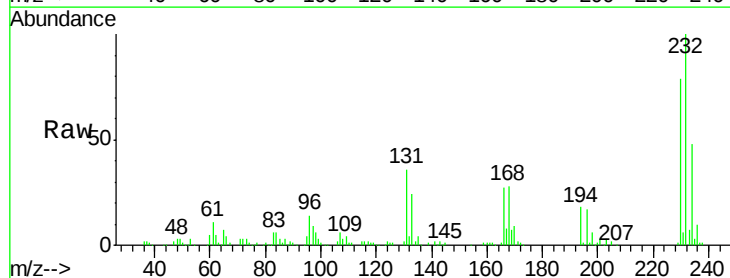
Ion Ratio Lower Upper

232 100

131 39.7 38.5 57.7

130 1.8 1.8 2.6

166 27.2 25.0 37.6

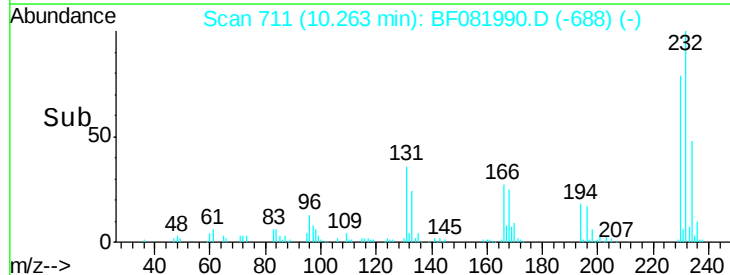
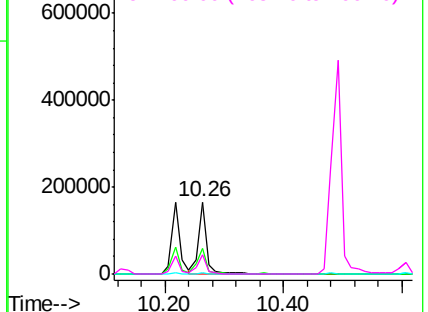


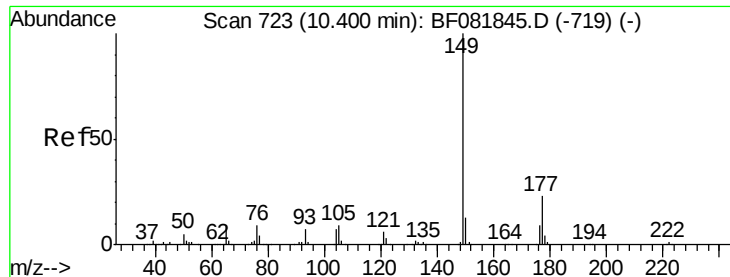
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

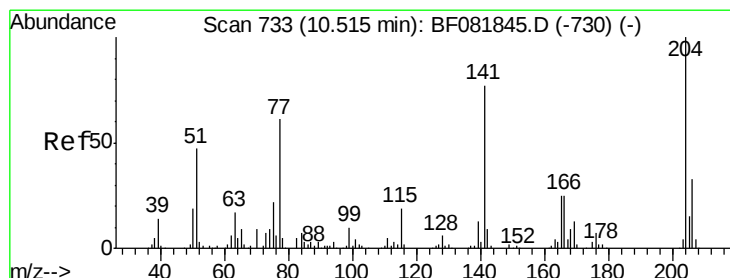
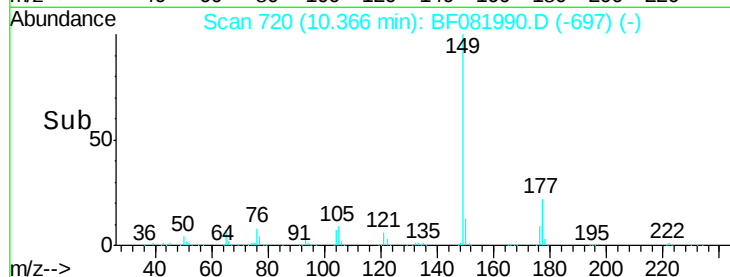
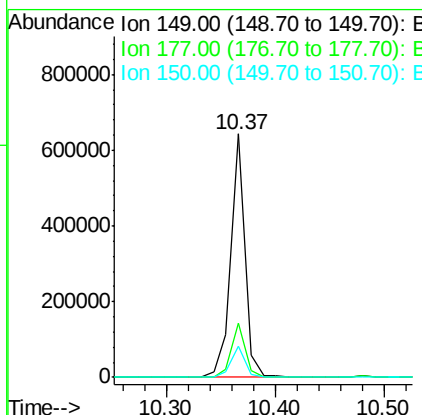
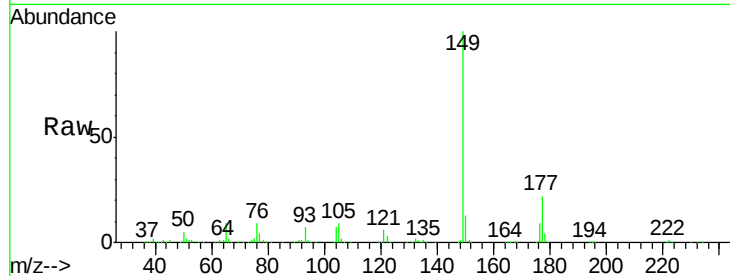




#59
Diethylphthalate
Concen: 47.62 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

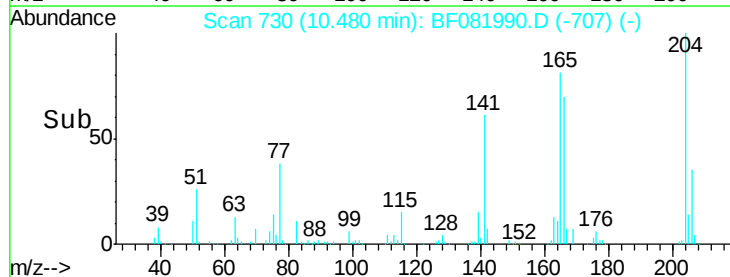
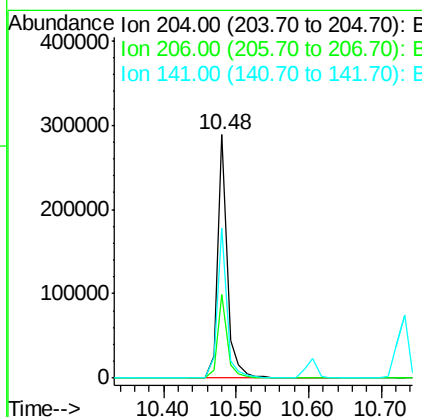
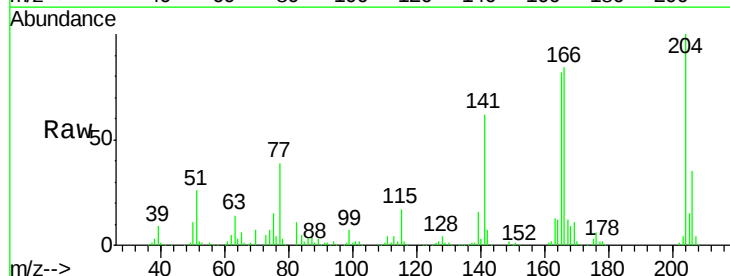
Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

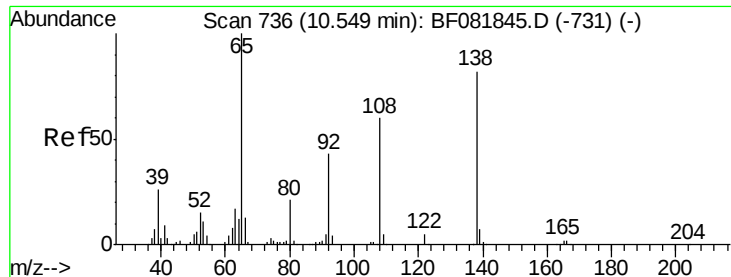
Tgt Ion:149 Resp: 577113
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.8 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 47.70 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion:204 Resp: 267136
Ion Ratio Lower Upper
204 100
206 34.5 24.8 37.2
141 61.7 42.2 63.4

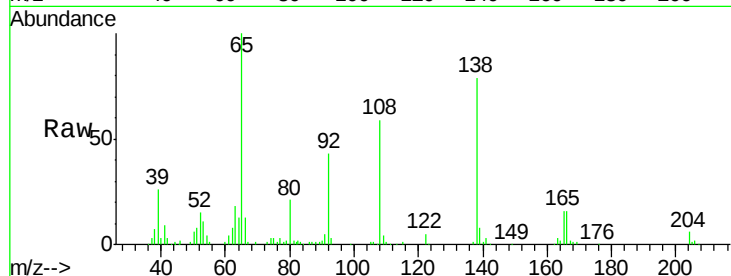




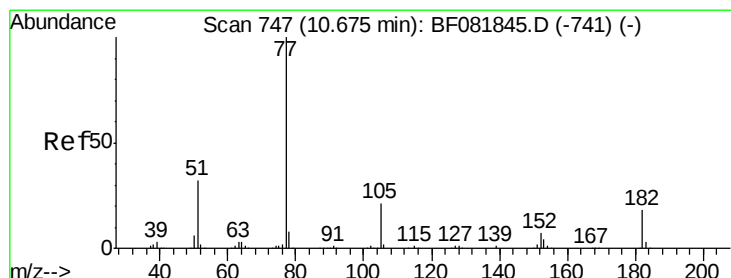
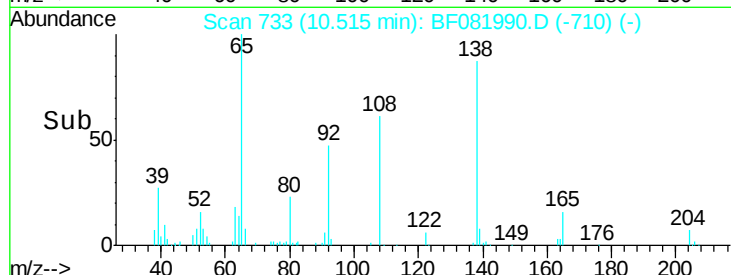
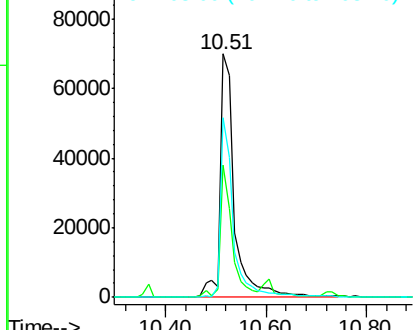
#61
4-Nitroaniline
Concen: 42.76 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

Tgt Ion:138 Resp: 139720
Ion Ratio Lower Upper
138 100
92 54.3 12.6 52.6#
108 74.0 12.4 52.4#

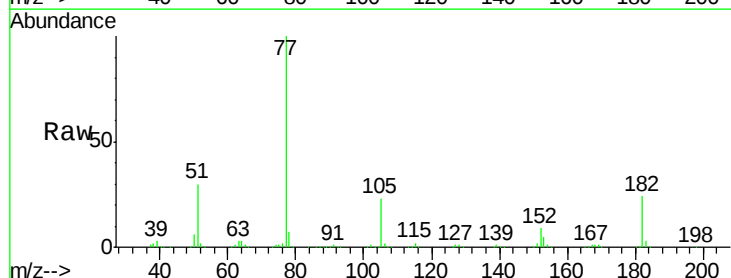


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

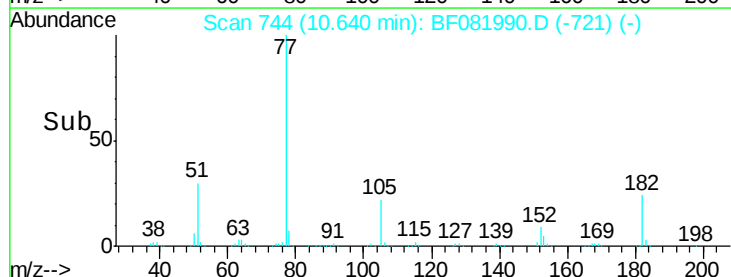
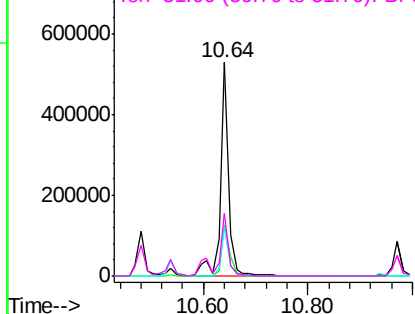


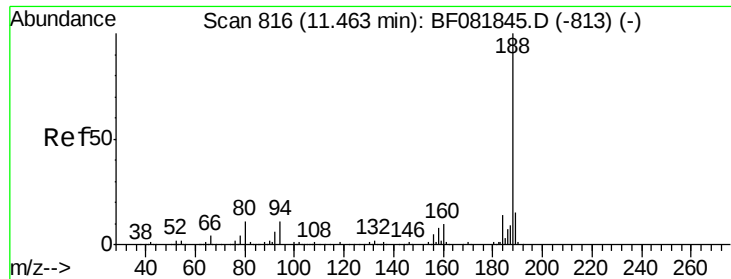
#62
Azobenzene
Concen: 48.77 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion: 77 Resp: 576852
Ion Ratio Lower Upper
77 100
182 24.3 15.1 55.1
105 23.0 3.4 43.4
51 29.6 12.0 52.0



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

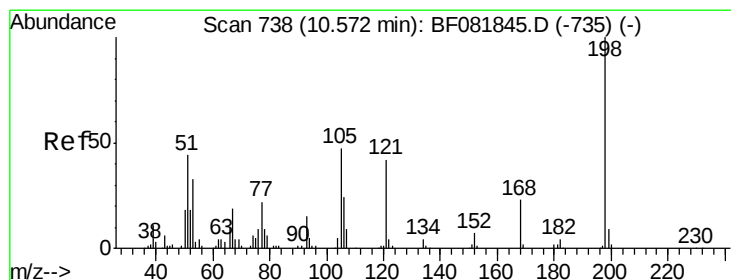
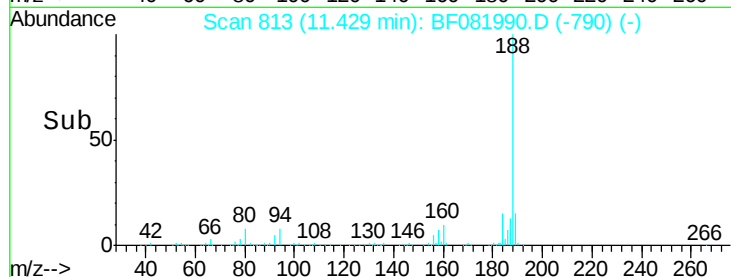
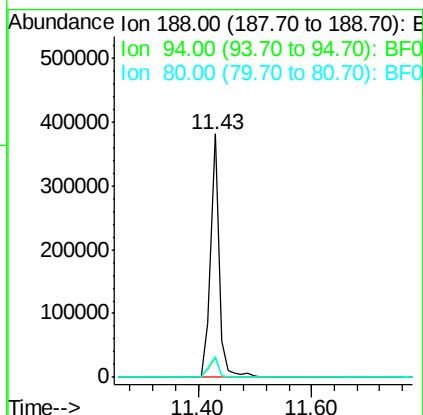
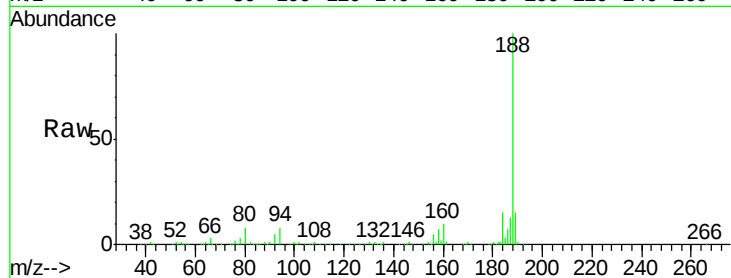




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

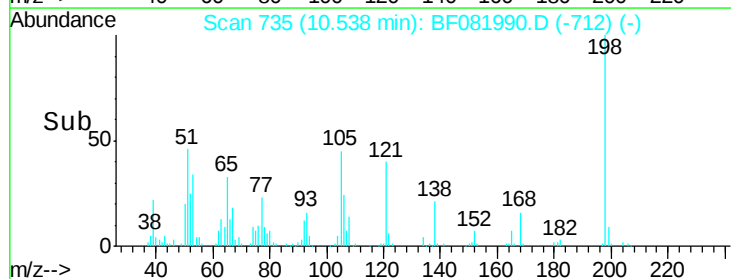
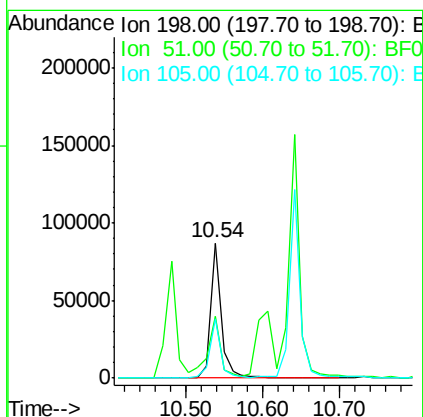
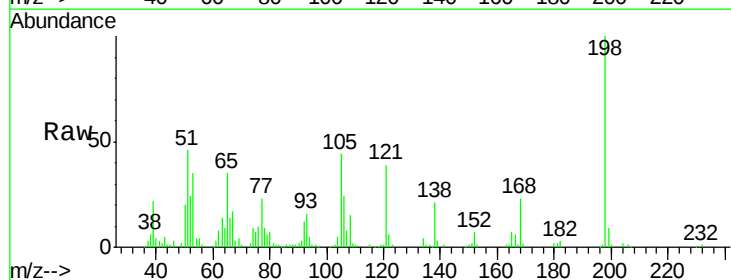
Instrument :
BNA_F
ClientSampleId :
OS-SB-24(16-18)MS

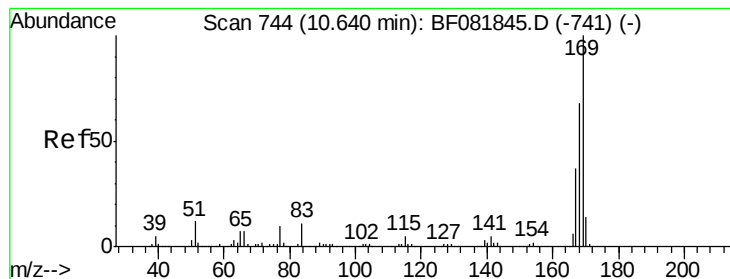
Tgt Ion:188 Resp: 386366
Ion Ratio Lower Upper
188 100
94 8.0 11.1 16.7#
80 8.3 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 47.94 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF081990.D
Acq: 2 Oct 2015 20:35

Tgt Ion:198 Resp: 84035
Ion Ratio Lower Upper
198 100
51 46.0 39.6 79.6
105 44.3 28.5 68.5

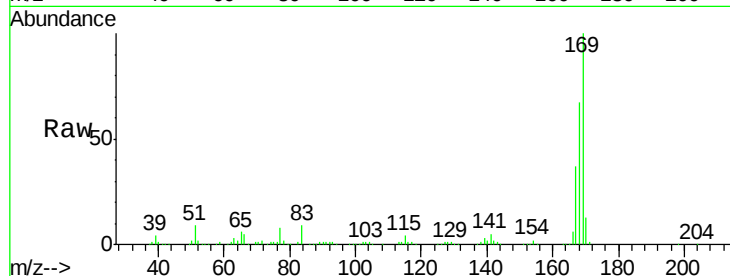




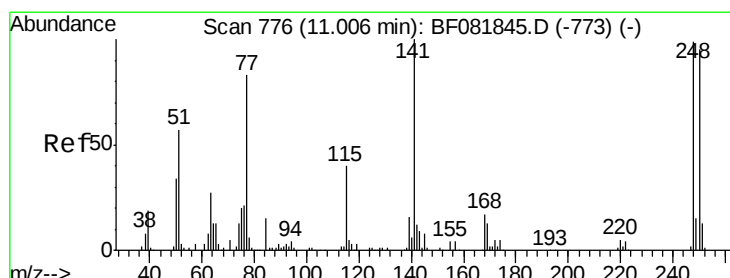
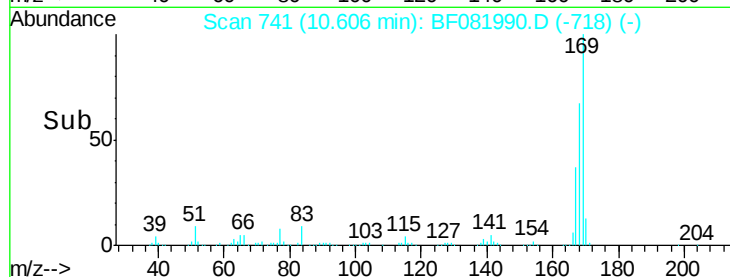
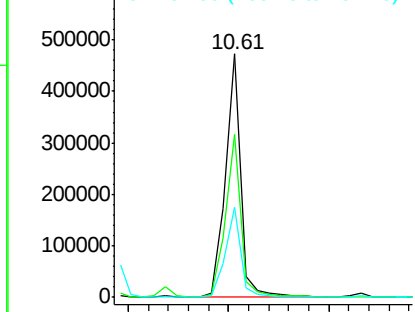
#65
 n-Nitrosodiphenylamine
 Concen: 43.02 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tgt Ion:169 Resp: 502859
 Ion Ratio Lower Upper
 169 100
 168 67.2 48.9 73.3
 167 36.8 26.2 39.4

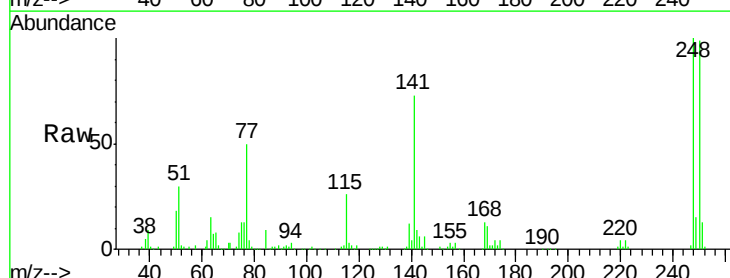


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

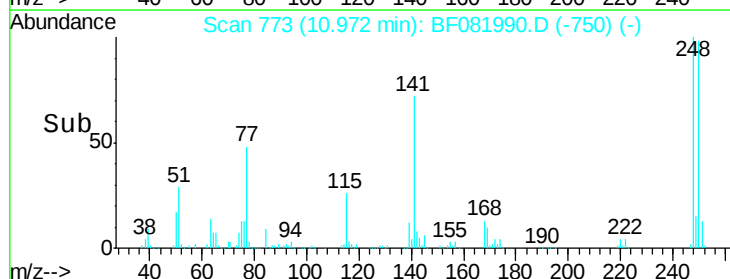
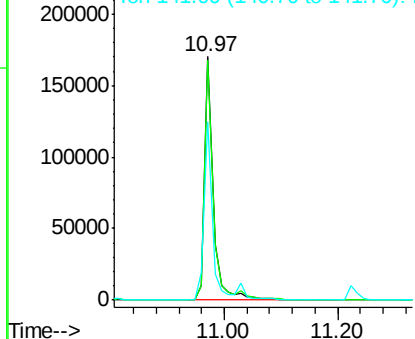


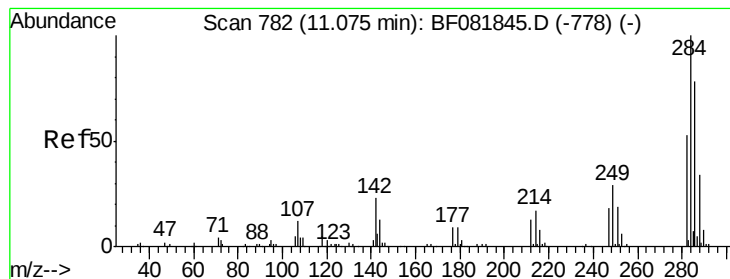
#66
 4-Bromophenyl-phenylether
 Concen: 44.94 ng
 RT: 10.97 min Scan# 773
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion:248 Resp: 175071
 Ion Ratio Lower Upper
 248 100
 250 98.7 78.5 117.7
 141 73.0 59.0 88.6



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





#67

Hexachlorobenzene

Concen: 38.12 ng

RT: 11.03 min Scan# 778

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

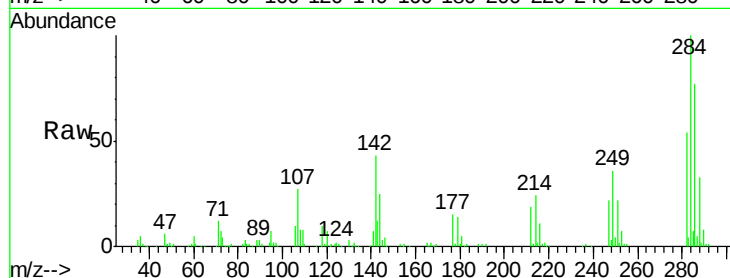
Tgt Ion:284 Resp: 167579

Ion Ratio Lower Upper

284 100

142 42.5 29.5 44.3

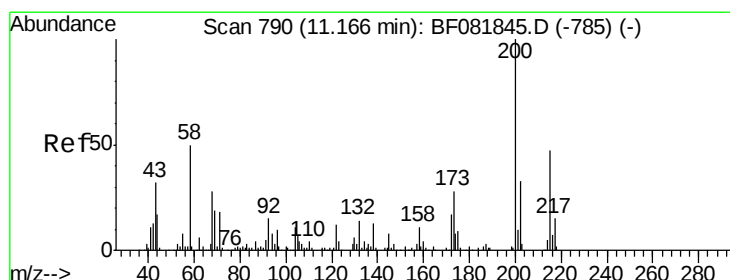
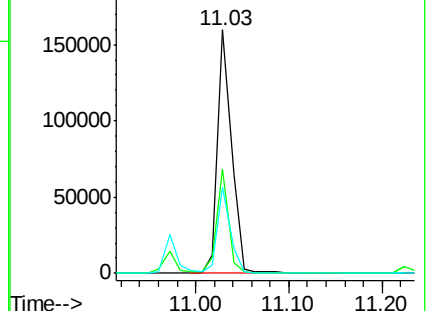
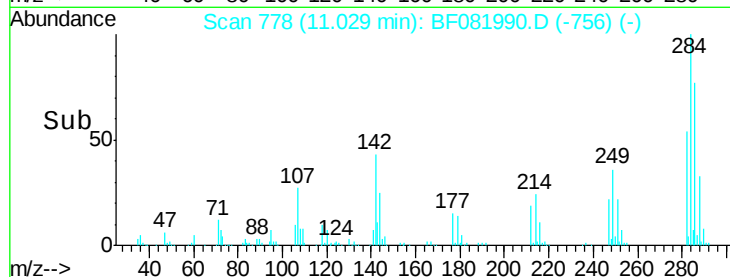
249 35.5 19.5 29.3#



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: 44.71 ng

RT: 11.13 min Scan# 787

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

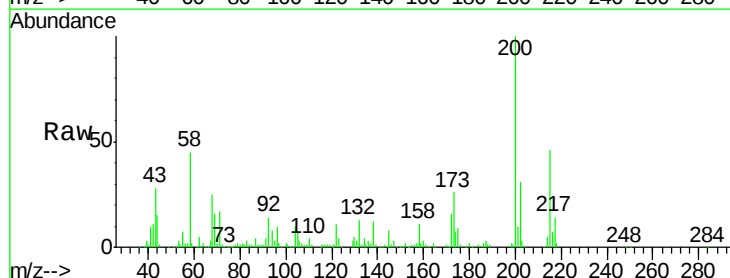
Tgt Ion:200 Resp: 162179

Ion Ratio Lower Upper

200 100

173 25.9 13.2 53.2

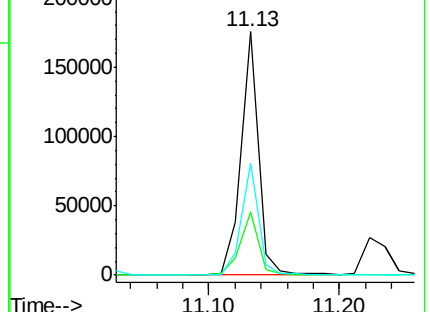
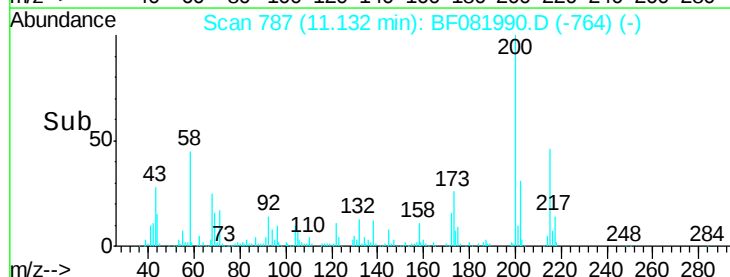
215 46.1 41.8 81.8

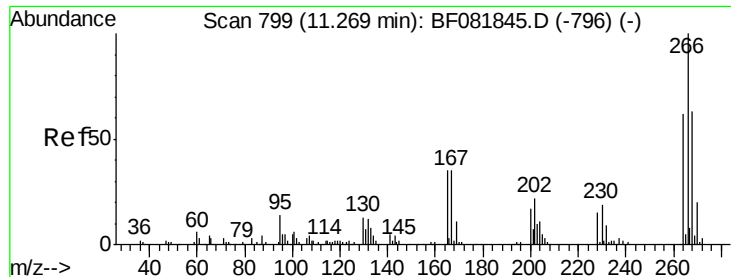


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

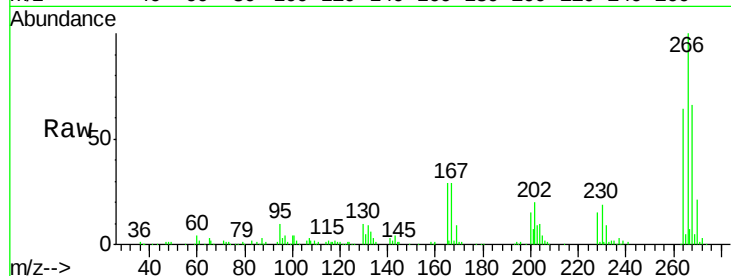




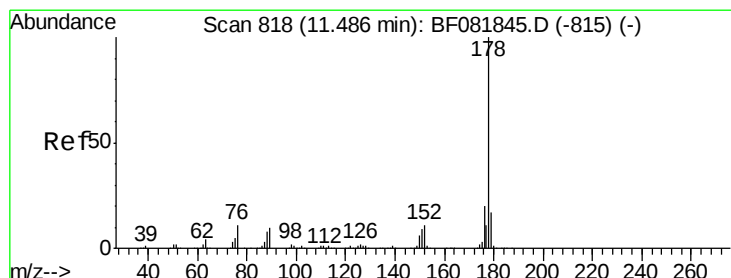
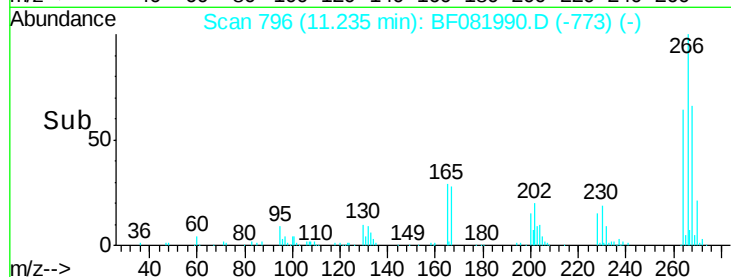
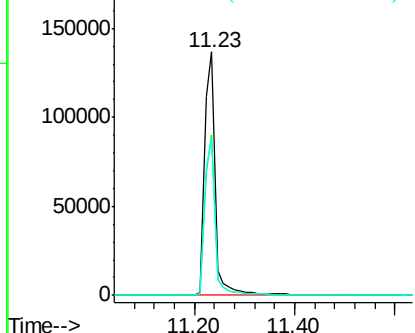
#69
 Pentachlorophenol
 Concen: 80.20 ng
 RT: 11.23 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tgt Ion:266 Resp: 200907
 Ion Ratio Lower Upper
 266 100
 268 66.0 49.8 74.6
 264 64.1 50.2 75.2

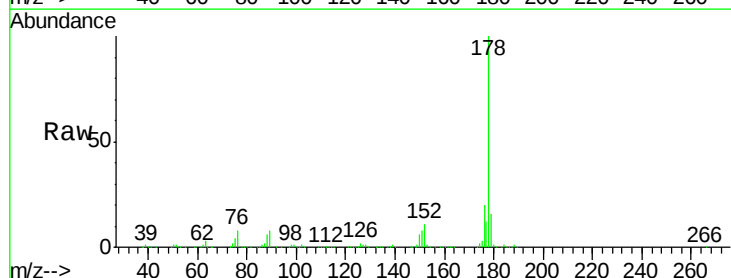


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

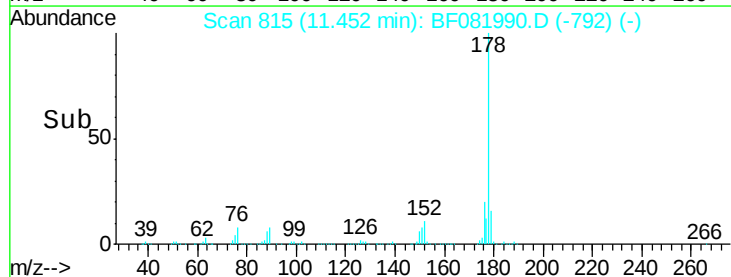
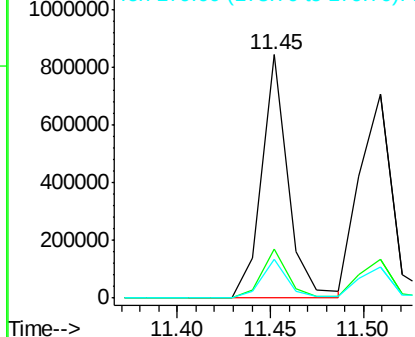


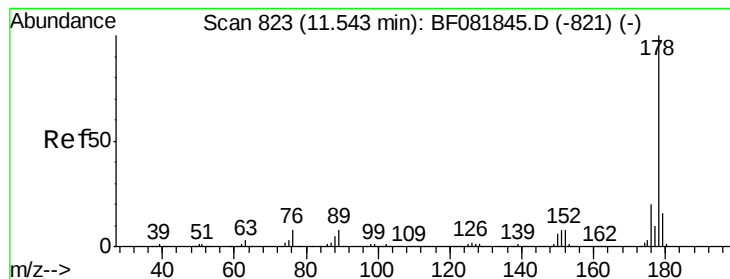
#70
 Phenanthrene
 Concen: 44.35 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion:178 Resp: 825148
 Ion Ratio Lower Upper
 178 100
 176 20.0 13.8 20.8
 179 16.1 12.2 18.2



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





#71

Anthracene

Concen: 46.19 ng

RT: 11.51 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

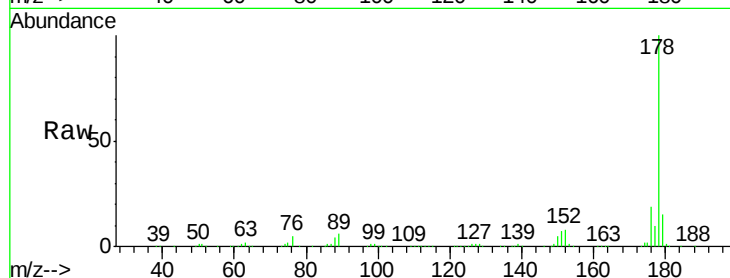
Tgt Ion:178 Resp: 906998

Ion Ratio Lower Upper

178 100

176 19.3 14.1 21.1

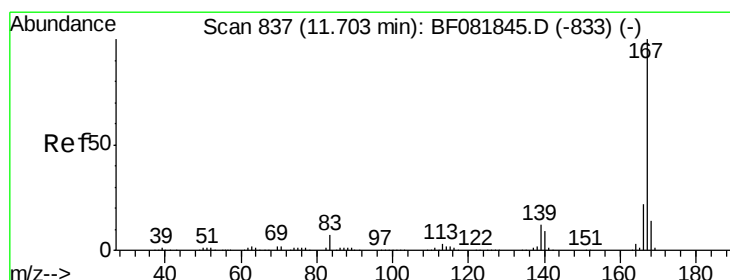
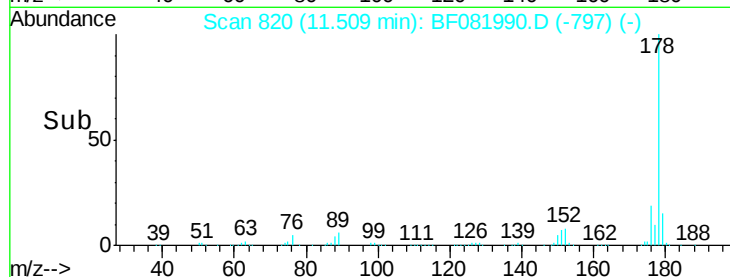
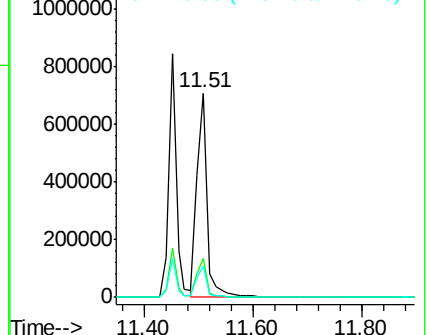
179 15.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.08 ng

RT: 11.66 min Scan# 833

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

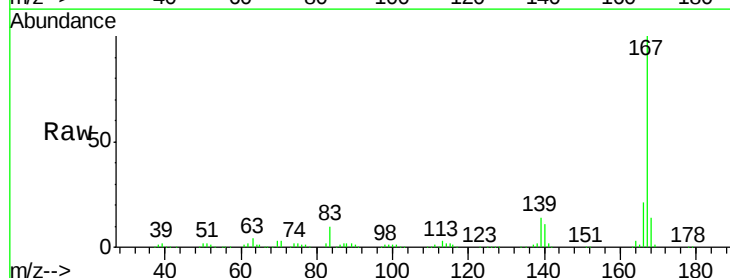
Tgt Ion:167 Resp: 801257

Ion Ratio Lower Upper

167 100

166 21.5 15.7 23.5

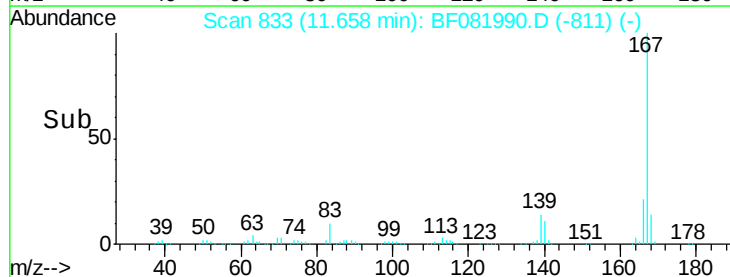
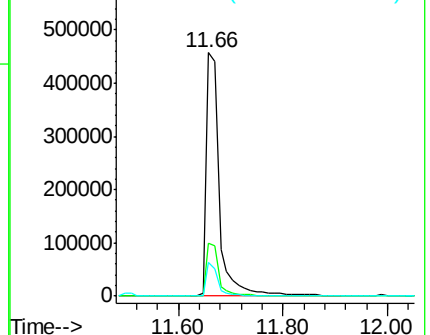
139 13.9 9.5 14.3

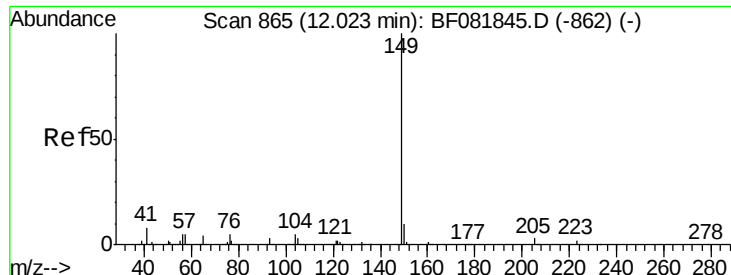


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.43 ng

RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

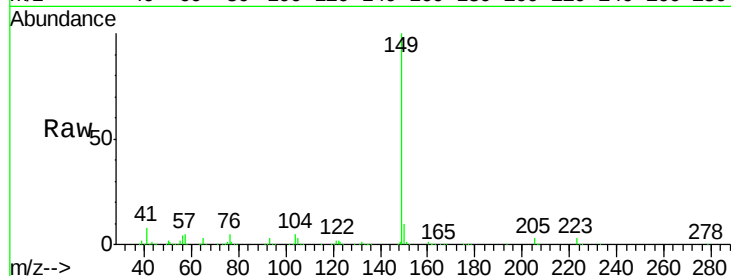
Tgt Ion:149 Resp: 857273

Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.2

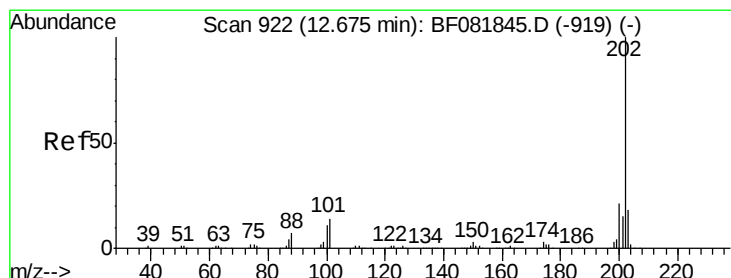
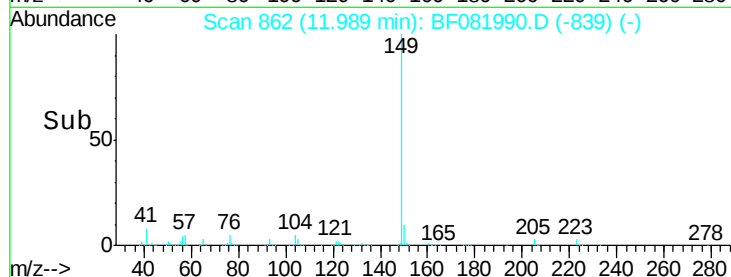
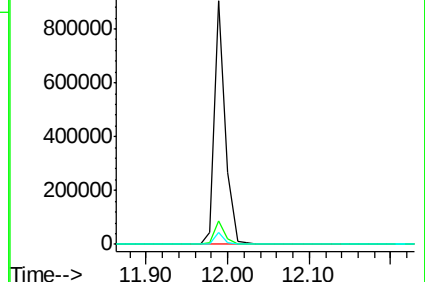
104 5.0 2.4 3.6#



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: 42.09 ng

RT: 12.64 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

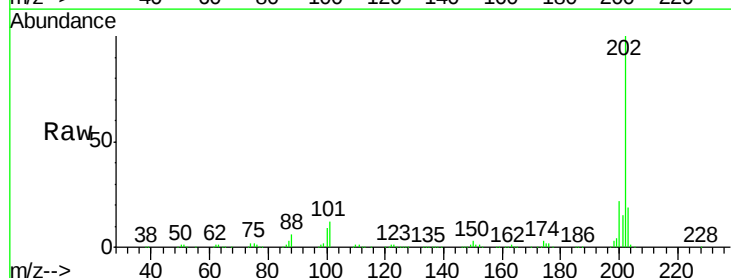
Tgt Ion:202 Resp: 871199

Ion Ratio Lower Upper

202 100

101 11.7 0.0 38.3

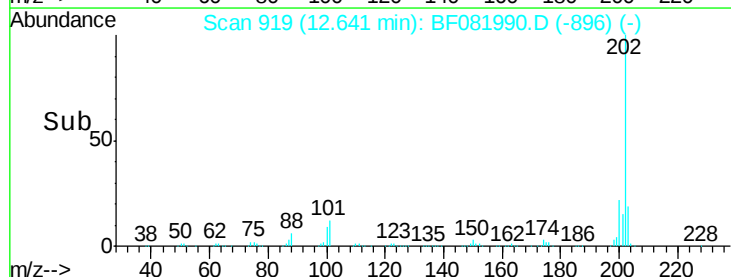
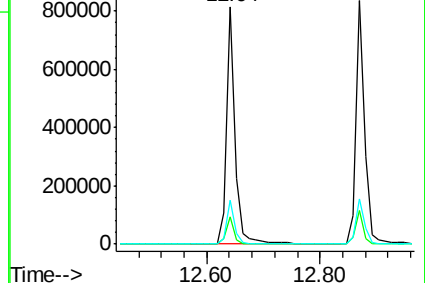
203 18.5 0.0 37.3

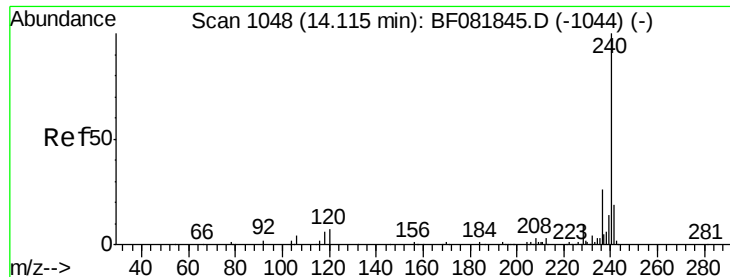


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

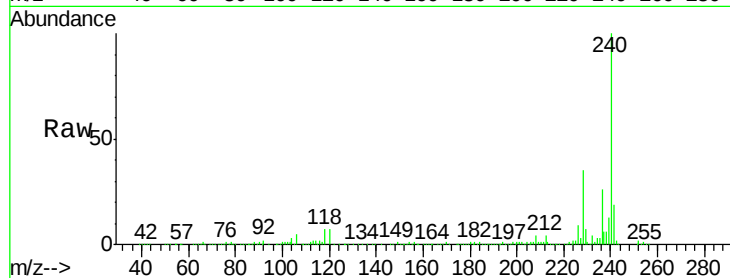
Tgt Ion:240 Resp: 373166

Ion Ratio Lower Upper

240 100

120 7.4 16.2 24.2#

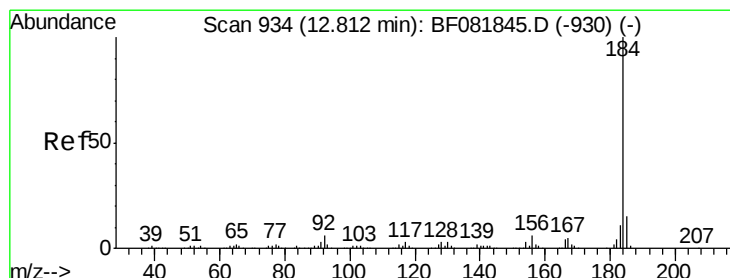
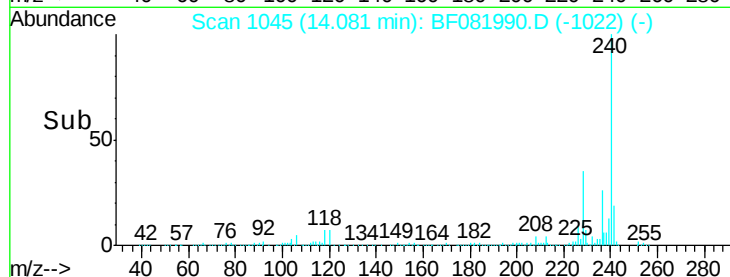
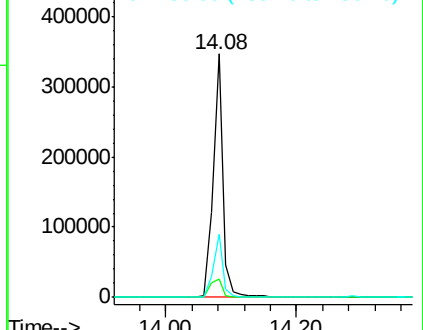
236 26.1 18.4 27.6



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: 22.21 ng

RT: 12.78 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

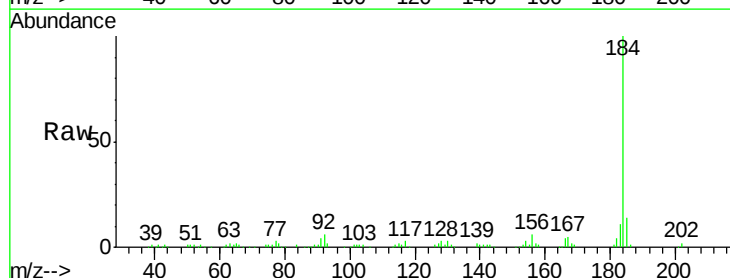
Tgt Ion:184 Resp: 249750

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

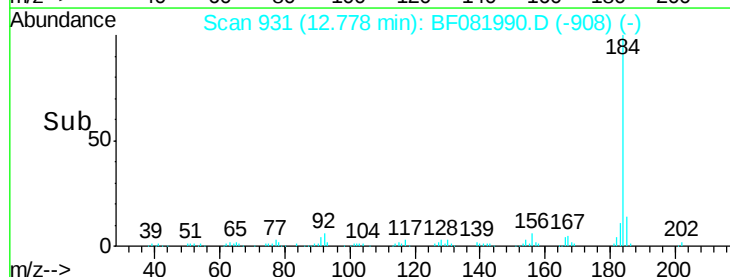
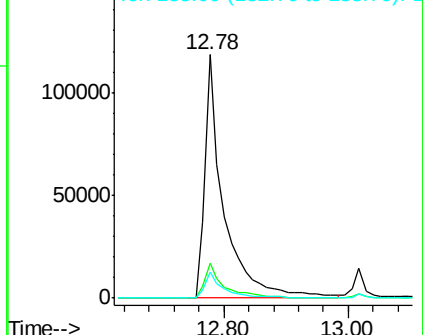
183 10.7 7.6 11.4

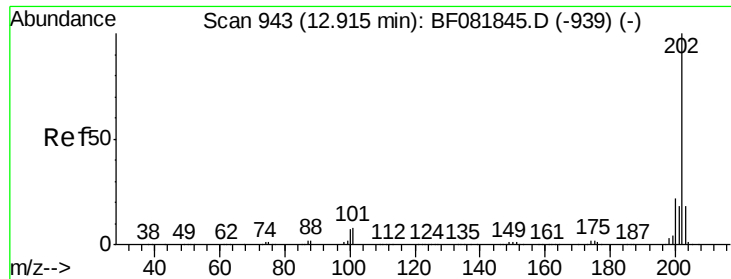


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

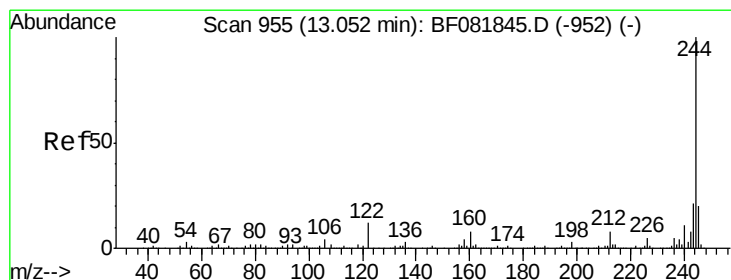
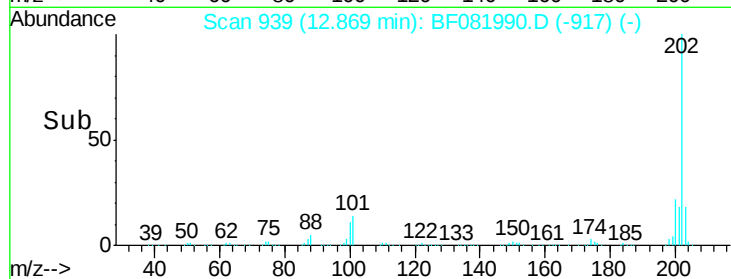
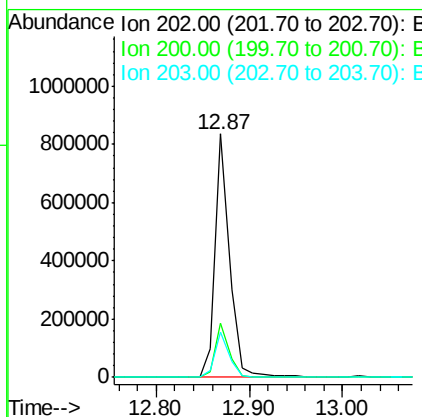
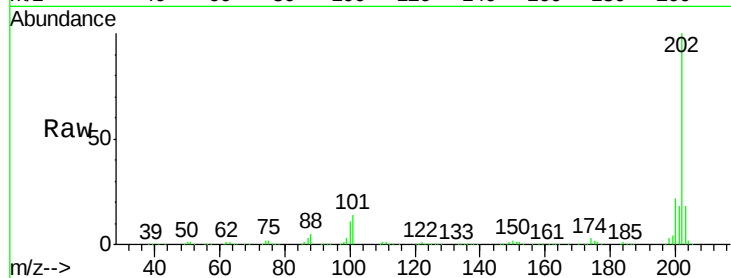




#77
 Pyrene
 Concen: 40.23 ng
 RT: 12.87 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

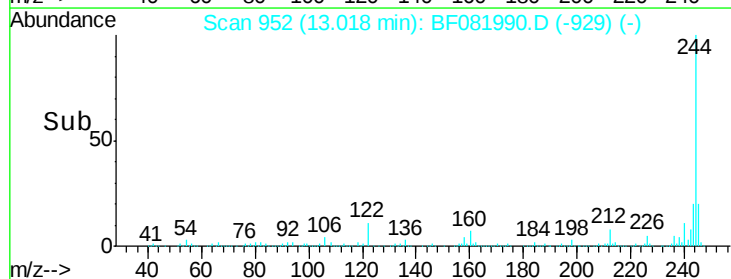
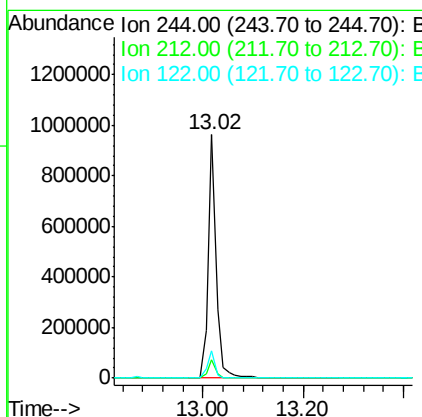
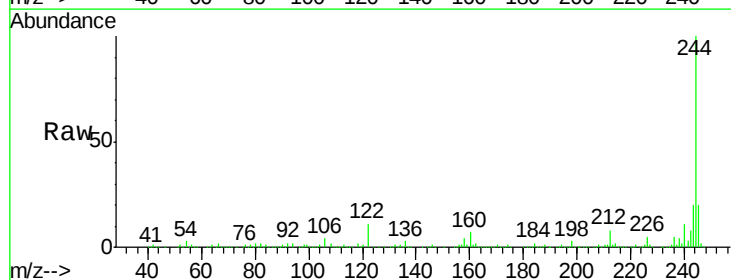
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

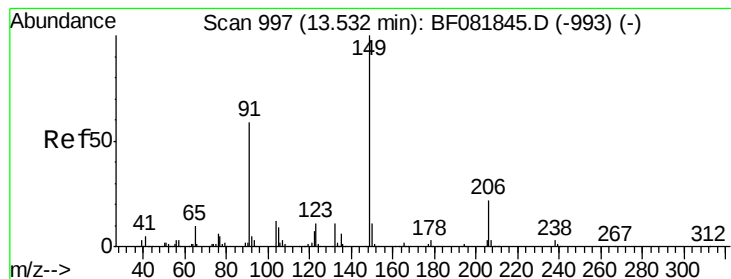
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.0	22.4
203	18.4	14.1	21.1



#78
 Terphenyl-d14
 Concen: 94.70 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	11.1	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 49.70 ng

RT: 13.50 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

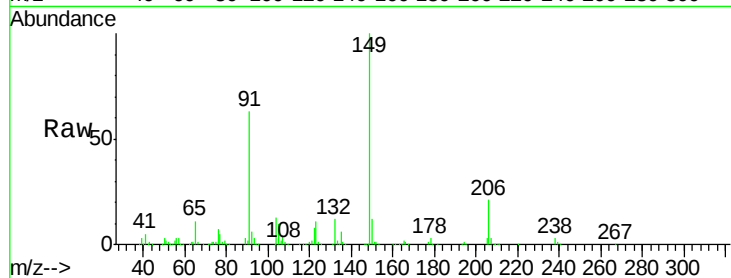
Tgt Ion:149 Resp: 416941

Ion Ratio Lower Upper

149 100

91 63.3 48.6 72.8

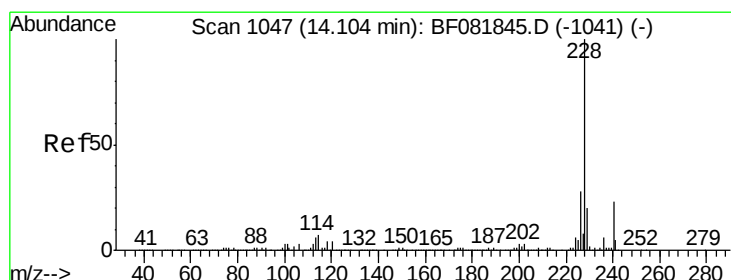
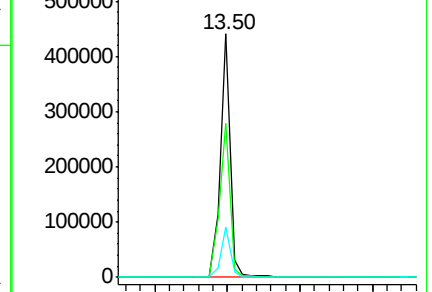
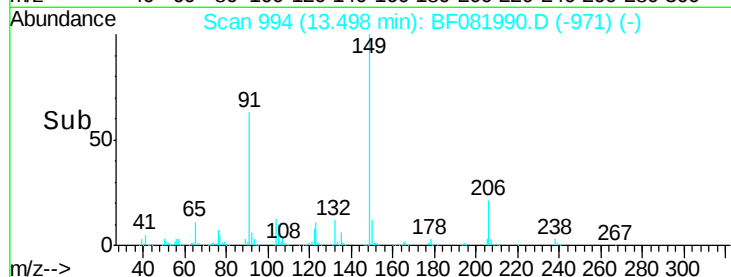
206 20.9 14.9 22.3



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: 41.01 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

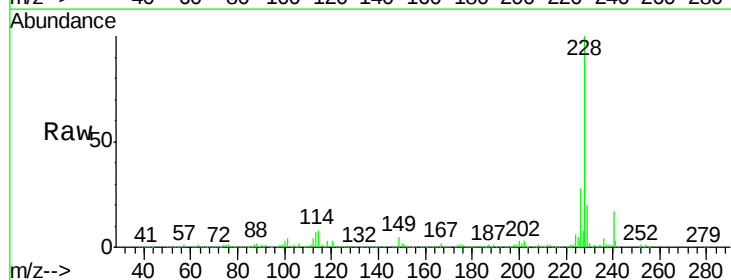
Tgt Ion:228 Resp: 824068

Ion Ratio Lower Upper

228 100

226 27.9 20.0 30.0

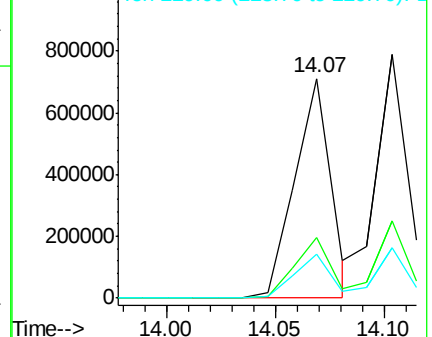
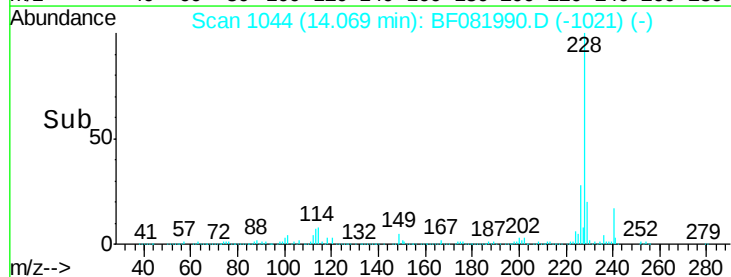
229 20.0 15.4 23.2



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

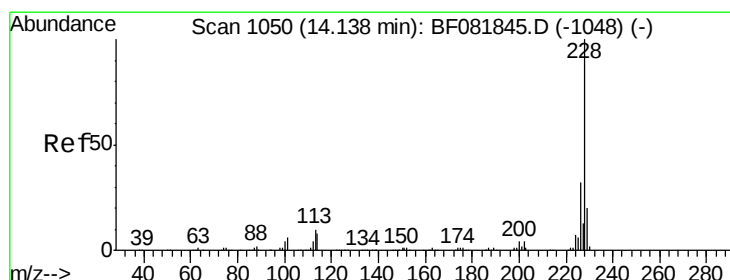
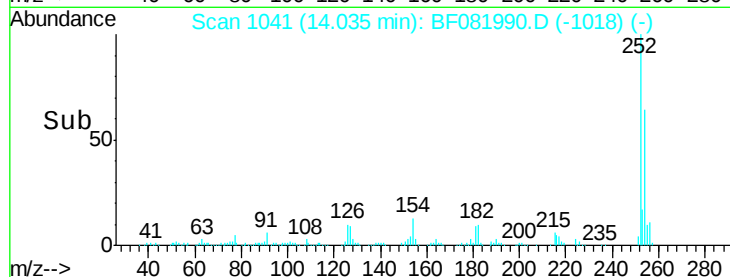
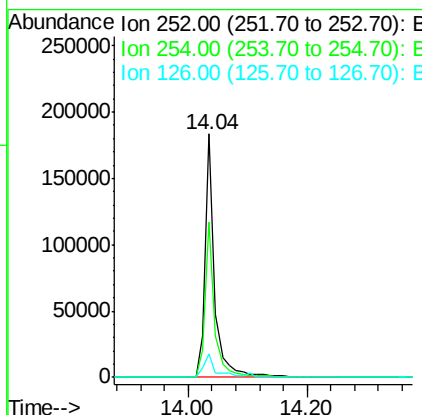
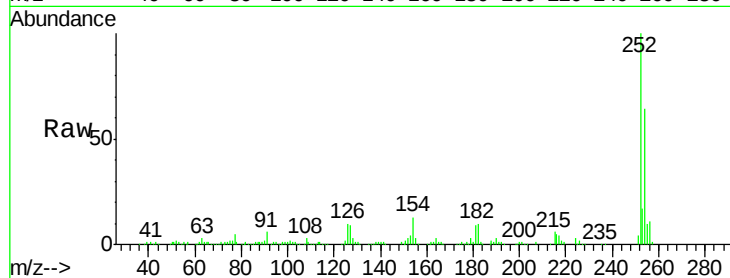




#81
 3,3'-Dichlorobenzidine
 Concen: 31.16 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

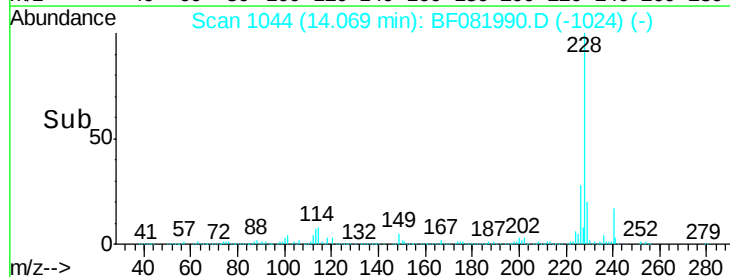
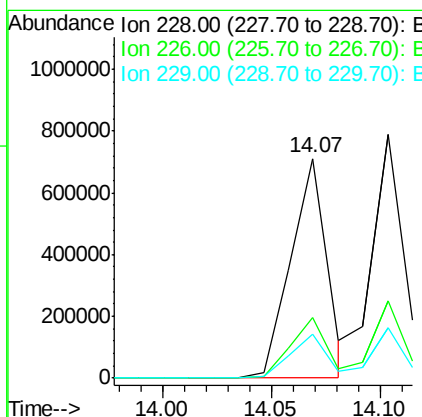
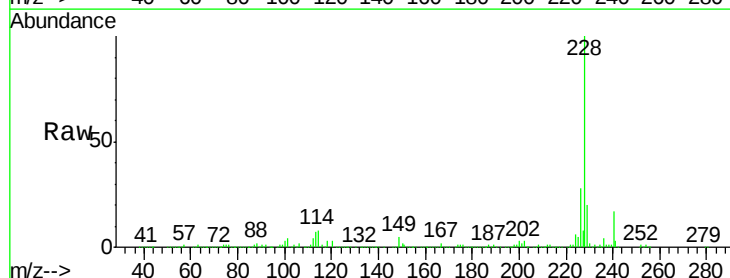
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

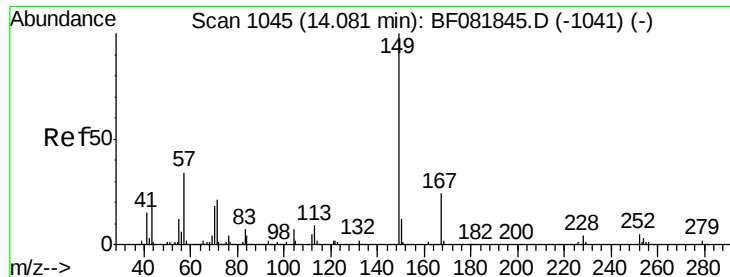
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.4	77.2
126	9.7	16.4	24.6#



#82
 Chrysene
 Concen: 49.60 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.0	31.4
229	20.0	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.84 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

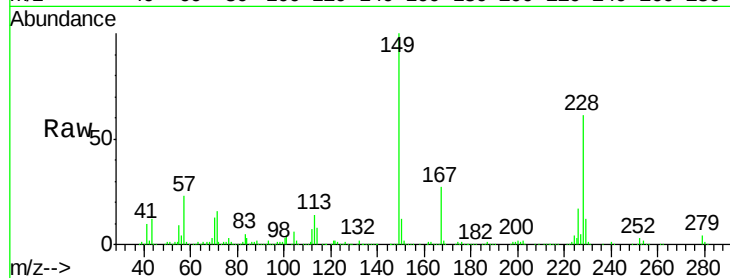
Tgt Ion:149 Resp: 556056

Ion Ratio Lower Upper

149 100

167 27.1 24.2 36.2

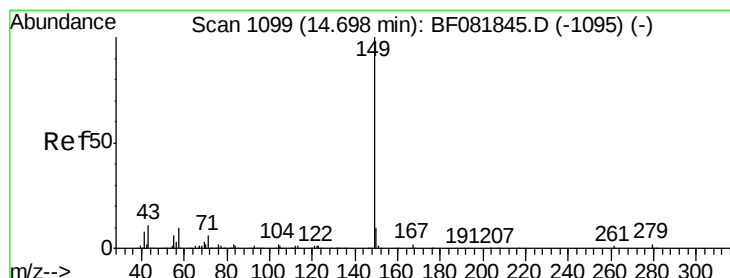
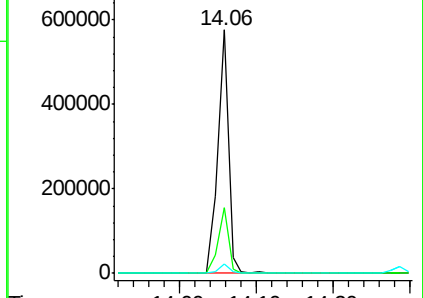
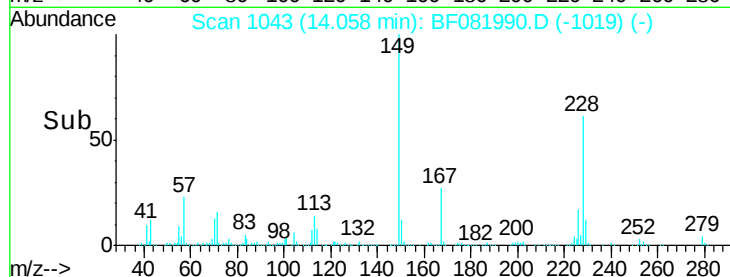
279 3.6 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.47 ng

RT: 14.68 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

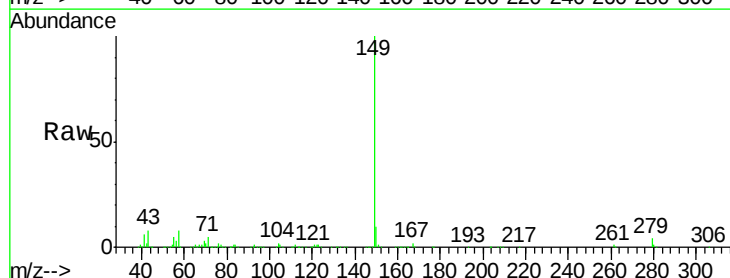
Tgt Ion:149 Resp: 949967

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

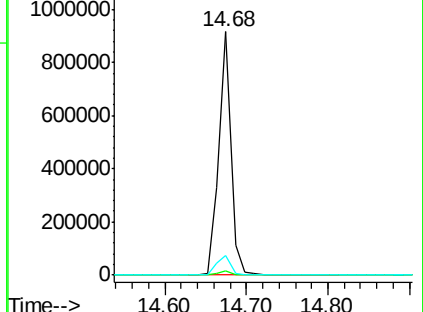
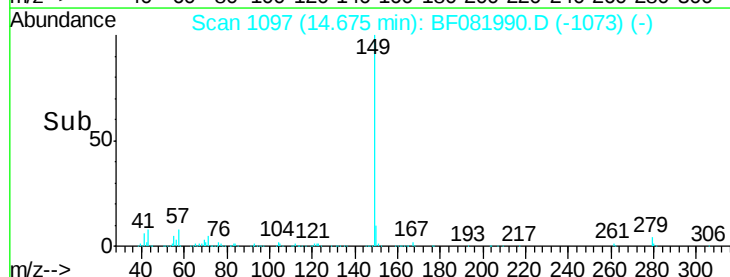
43 9.1 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

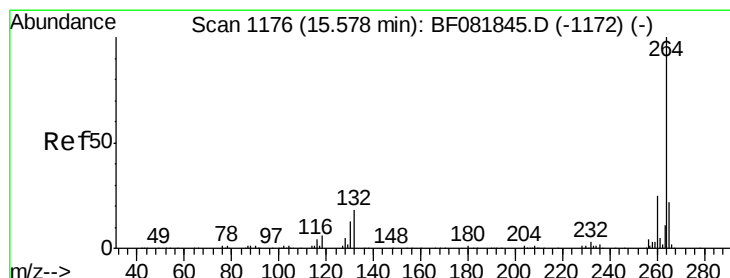
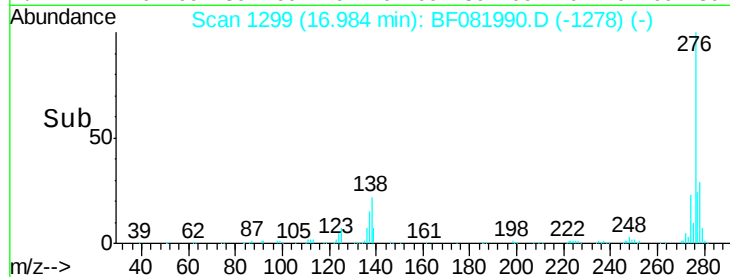
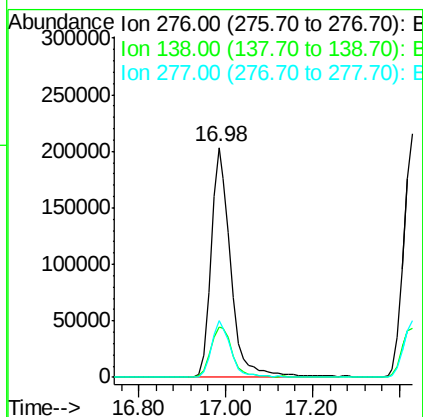
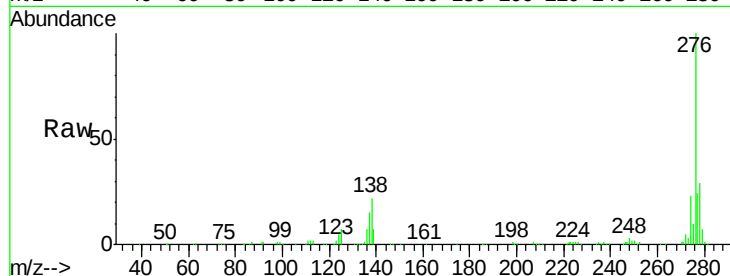




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.31 ng
 RT: 16.98 min Scan# 1299
 Delta R.T. -0.06 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

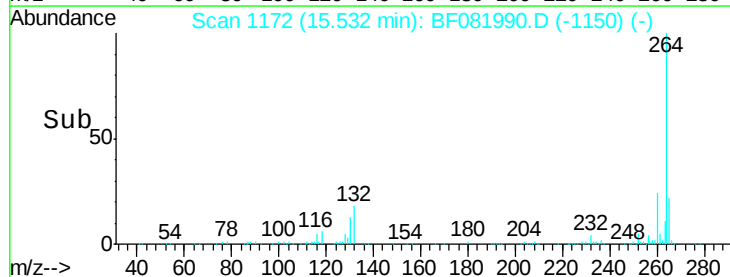
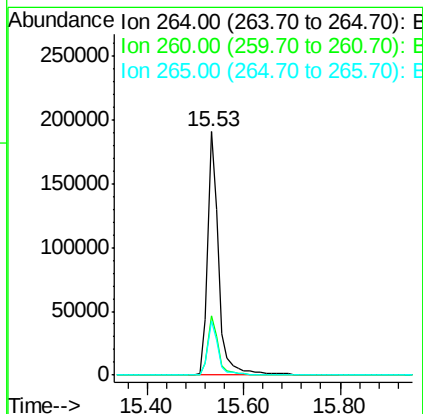
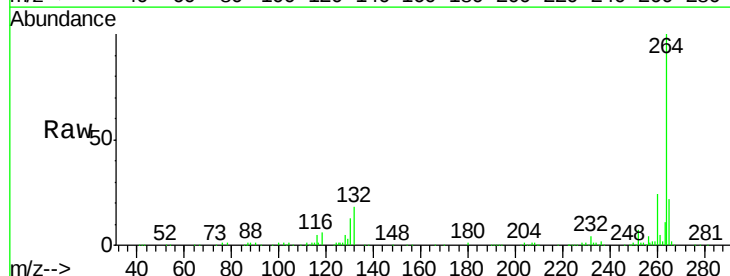
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

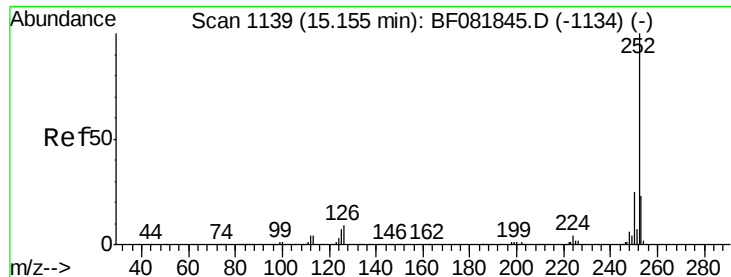
Tgt Ion:276 Resp: 649361
 Ion Ratio Lower Upper
 276 100
 138 24.5 25.7 38.5#
 277 24.9 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Tgt Ion:264 Resp: 306108
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 22.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 90.30 ng

RT: 15.14 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

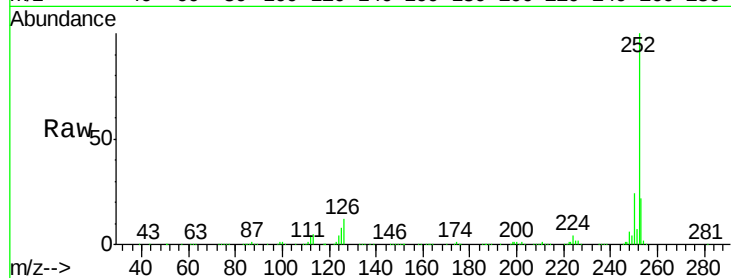
Tgt Ion:252 Resp: 1578131

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

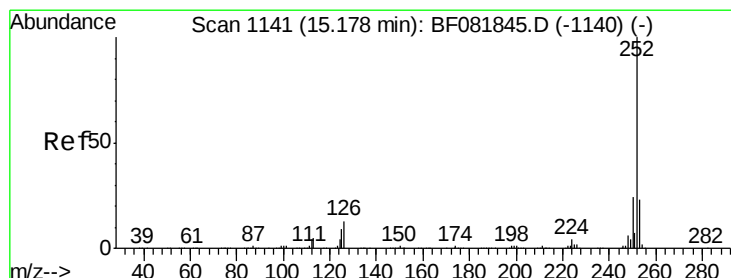
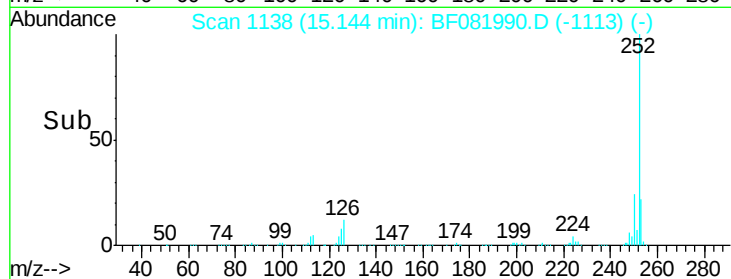
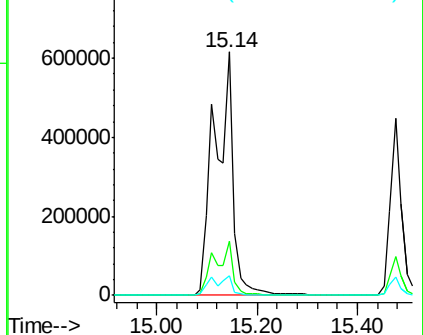
125 8.2 17.1 25.7#



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



#88

Benzo(k)fluoranthene

Concen: 98.58 ng

RT: 15.14 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

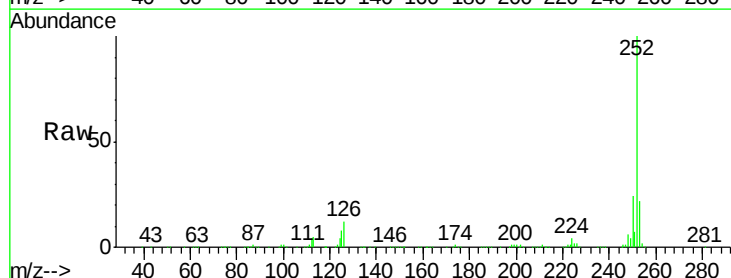
Tgt Ion:252 Resp: 1579020

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

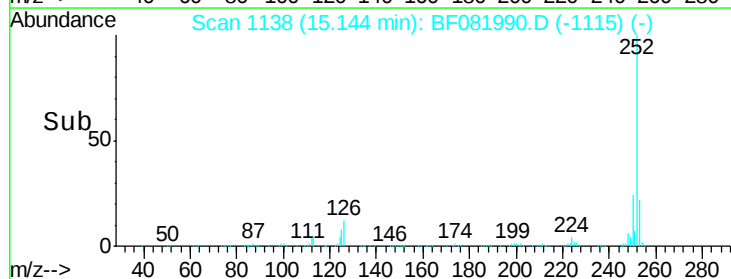
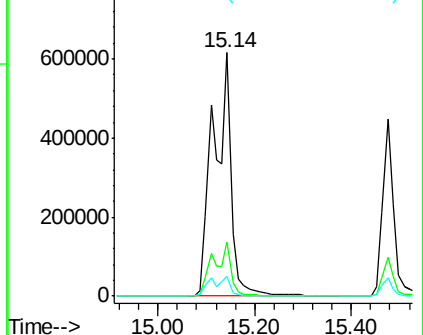
125 8.2 16.0 24.0#

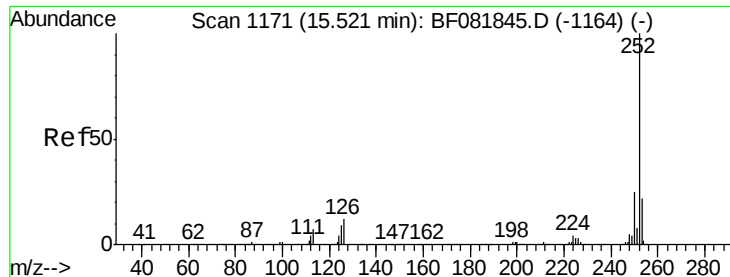


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.46 ng

RT: 15.48 min Scan# 1167

Delta R.T. -0.05 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)MS

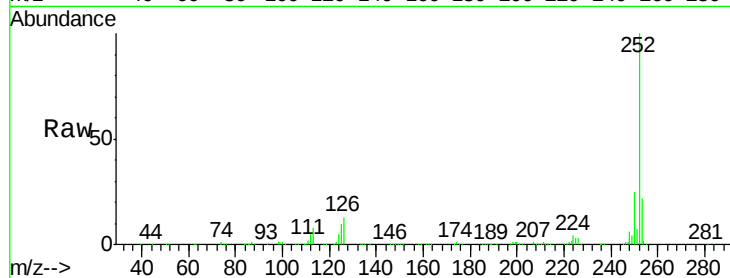
Tgt Ion:252 Resp: 719480

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

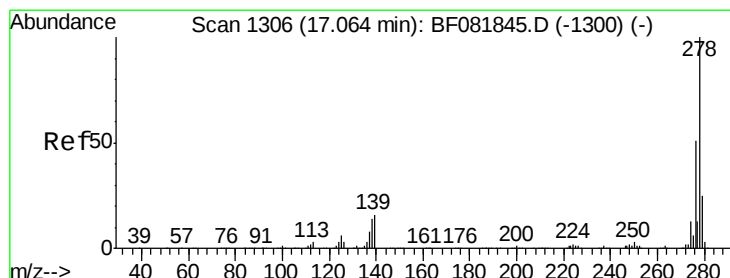
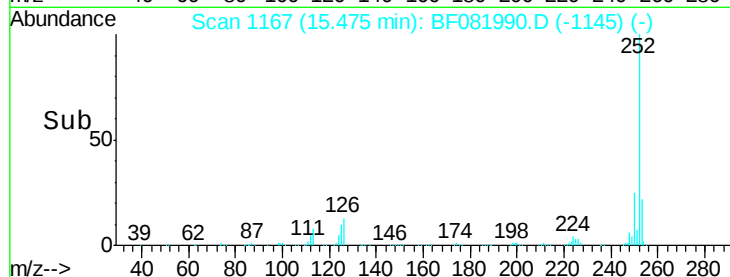
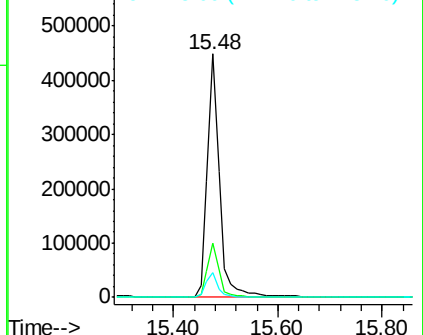
125 10.2 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.37 ng

RT: 17.01 min Scan# 1301

Delta R.T. -0.06 min

Lab File: BF081990.D

Acq: 2 Oct 2015 20:35

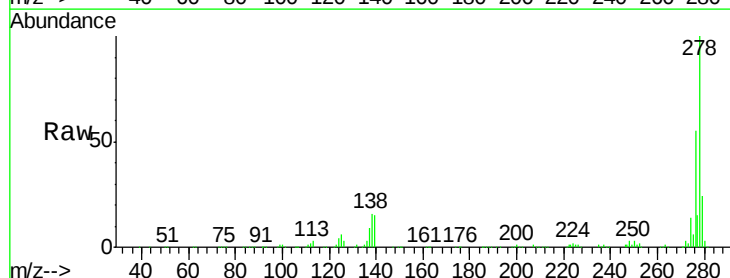
Tgt Ion:278 Resp: 538904

Ion Ratio Lower Upper

278 100

139 15.5 26.3 39.5#

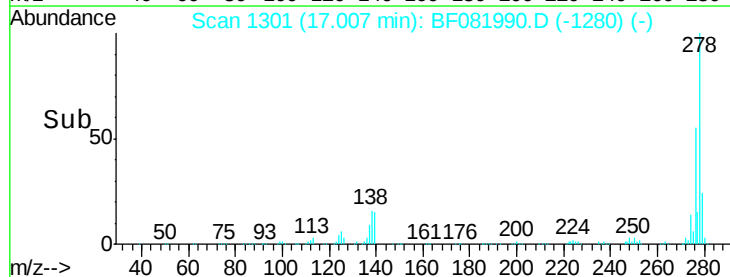
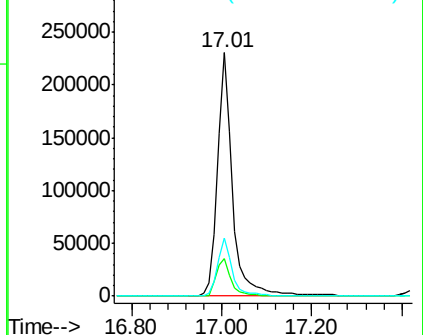
279 23.6 18.2 27.4



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

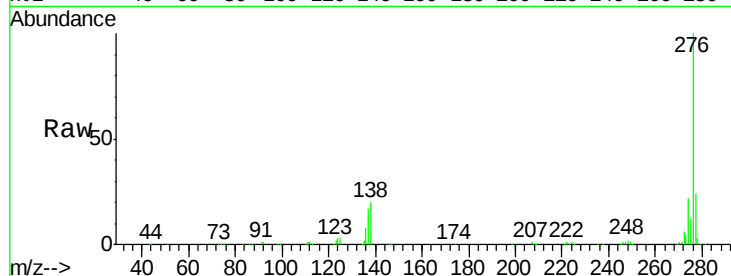




#91
 Benzo(g,h,i)perylene
 Concen: 40.40 ng
 RT: 17.43 min Scan# 1338
 Delta R.T. -0.06 min
 Lab File: BF081990.D
 Acq: 2 Oct 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	20.3	34.6	51.8



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

