

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079976.D
 Acq On : 13 Jun 2015 13:32
 Operator : TP/IZ
 Sample : G2599-01MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

Quant Time: Jun 15 00:59:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	50039	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	209351	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	122645	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	270479	20.00	ng	-0.02
75) Chrysene-d12	14.96	240	304709	20.00	ng	-0.18
86) Perylene-d12	16.88	264	316232	20.00	ng	-0.22

System Monitoring Compounds

5) 2-Fluorophenol	5.99	112	315927	115.77	ng	0.00
7) Phenol-d6	6.98	99	451448	121.43	ng	0.01
23) Nitrobenzene-d5	7.93	82	250755	79.03	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	125929	102.59	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	542171	61.90	ng	0.00
78) Terphenyl-d14	13.66	244	766023	57.96	ng	-0.11

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	32870	26.48	ng	95
3) Pyridine	4.10	79	103999	32.69	ng	96
4) n-Nitrosodimethylamine	4.01	42	49405	31.51	ng	98
6) Aniline	7.03	93	175768	32.67	ng	93
8) 2-Chlorophenol	7.16	128	116140	35.02	ng	89
9) Benzaldehyde	6.92	77	88309	41.32	ng	89
10) Phenol	6.99	94	162861	39.83	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	112104	34.07	ng	93
12) 1,3-Dichlorobenzene	7.39	146	136191	35.20	ng	100
13) 1,4-Dichlorobenzene	7.39	146	136191	33.89	ng	95
14) 1,2-Dichlorobenzene	7.55	146	137827	38.61	ng	94
15) Benzyl Alcohol	7.50	79	104437	35.03	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.64	45	193573	39.72	ng	96
17) 2-Methylphenol	7.61	107	98818	34.10	ng	96
18) Hexachloroethane	7.90	117	41116	33.04	ng	# 82
19) n-Nitroso-di-n-propylamine	7.77	70	96356	36.27	ng	# 91
20) 3+4-Methylphenols	7.76	107	140370	37.90	ng	99
22) Acetophenone	7.77	105	170213	34.43	ng	# 89
24) Nitrobenzene	7.95	77	134541	39.86	ng	# 84
25) Isophorone	8.19	82	239870	32.49	ng	# 90
26) 2-Nitrophenol	8.27	139	50839	43.15	ng	# 79
27) 2,4-Dimethylphenol	8.30	122	121362	36.67	ng	96
28) bis(2-Chloroethoxy)methane	8.39	93	148050	33.77	ng	97
29) 2,4-Dichlorophenol	8.51	162	120110	43.34	ng	91
30) 1,2,4-Trichlorobenzene	8.60	180	120488	34.20	ng	98
31) Naphthalene	8.70	128	376248	32.88	ng	100
32) Benzoic acid	8.35	122	33699	29.98	ng	87
33) 4-Chloroaniline	8.73	127	189987	42.77	ng	# 90
34) Hexachlorobutadiene	8.81	225	75980	38.85	ng	98
35) Caprolactam	9.06	113	34986	39.91	ng	# 84
36) 4-Chloro-3-methylphenol	9.20	107	112604	35.56	ng	89
37) 2-Methylnaphthalene	9.38	142	265215	34.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	127872	31.13	ng	98
40) Hexachlorocyclopentadiene	9.54	237	82217	53.39	ng	97

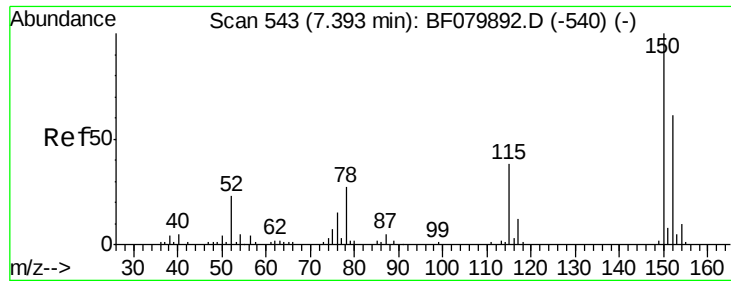
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079976.D
 Acq On : 13 Jun 2015 13:32
 Operator : TP/IZ
 Sample : G2599-01MSD
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Quant Time: Jun 15 00:59:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	84388	33.34	ng	98
43) 2,4,5-Trichlorophenol	9.70	196	87098	31.18	ng #	86
45) 1,1'-Biphenyl	9.85	154	350596	35.32	ng	94
46) 2-Chloronaphthalene	9.88	162	253202	29.96	ng #	91
47) 2-Nitroaniline	9.96	65	64393	36.59	ng #	65
48) Acenaphthylene	10.31	152	430173	30.16	ng	97
49) Dimethylphthalate	10.14	163	437584	44.53	ng	98
50) 2,6-Dinitrotoluene	10.20	165	57947	33.27	ng #	65
51) Acenaphthene	10.48	154	265235	32.71	ng	95
52) 3-Nitroaniline	10.38	138	69363	32.75	ng #	74
53) 2,4-Dinitrophenol	10.48	184	27680	76.73	ng #	1
54) Dibenzofuran	10.65	168	408024	34.44	ng	93
55) 4-Nitrophenol	10.51	139	106892	68.53	ng	93
56) 2,4-Dinitrotoluene	10.60	165	78616	34.53	ng #	61
57) Fluorene	10.99	166	332952	32.25	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.76	232	78245	36.95	ng	95
59) Diethylphthalate	10.84	149	317026	32.27	ng	94
60) 4-Chlorophenyl-phenylether	10.98	204	153692	33.33	ng #	79
61) 4-Nitroaniline	10.99	138	68055	30.91	ng	80
62) Azobenzene	11.14	77	304252	32.19	ng	82
64) 4,6-Dinitro-2-methylphenol	11.03	198	19476	35.51	ng	79
65) n-Nitrosodiphenylamine	11.10	169	266913	30.57	ng	99
66) 4-Bromophenyl-phenylether	11.47	248	97567	32.19	ng #	88
67) Hexachlorobenzene	11.55	284	102977	31.14	ng #	84
68) Atrazine	11.61	200	97903	36.43	ng	96
69) Pentachlorophenol	11.75	266	102144	67.26	ng	96
70) Phenanthrene	11.98	178	537271	33.33	ng	100
71) Anthracene	12.03	178	523385	33.55	ng	100
72) Carbazole	12.18	167	483452	31.96	ng	100
73) Di-n-butylphthalate	12.51	149	555110	33.68	ng	99
74) Fluoranthene	13.25	202	604015	33.89	ng	96
76) Benzidine	13.37	184	531197	62.95	ng	99
77) Pyrene	13.51	202	639496	33.42	ng	100
79) Butylbenzylphthalate	14.21	149	256453	39.68	ng #	80
80) Benzo(a)anthracene	14.94	228	639739	33.06	ng	99
81) 3,3'-Dichlorobenzidine	14.88	252	234825	37.96	ng #	98
82) Chrysene	14.98	228	577501	33.44	ng	99
83) Bis(2-ethylhexyl)phthalate	14.91	149	413866	40.01	ng	98
84) Di-n-octyl phthalate	15.74	149	702053	41.62	ng	98
85) Indeno(1,2,3-cd)pyrene	18.79	276	704448	34.76	ng	99
87) Benzo(b)fluoranthene	16.37	252	593961	30.65	ng	100
88) Benzo(k)fluoranthene	16.37	252	593961	30.06	ng	98
89) Benzo(a)pyrene	16.80	252	624199	33.87	ng	98
90) Dibenzo(a,h)anthracene	18.81	278	580250	32.03	ng	98
91) Benzo(g,h,i)perylene	19.36	276	592675	31.62	ng	97

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

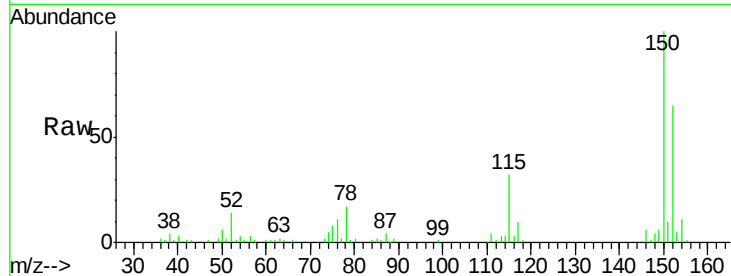


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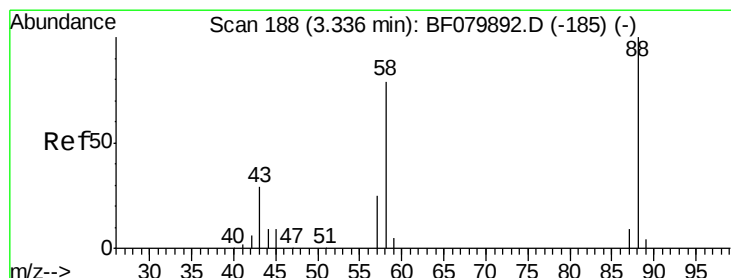
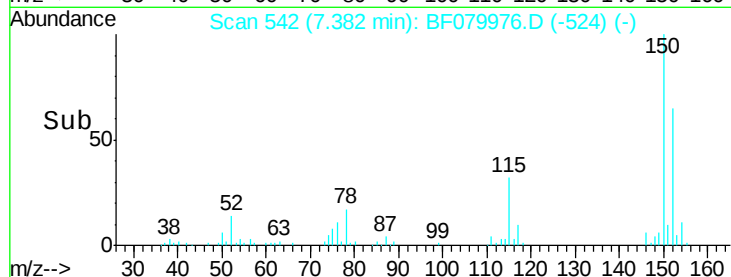
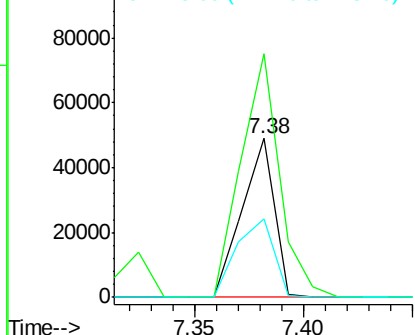
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

Tgt Ion:152 Resp: 50039
 Ion Ratio Lower Upper
 152 100
 150 153.3 131.0 196.4
 115 49.1 49.8 74.6#



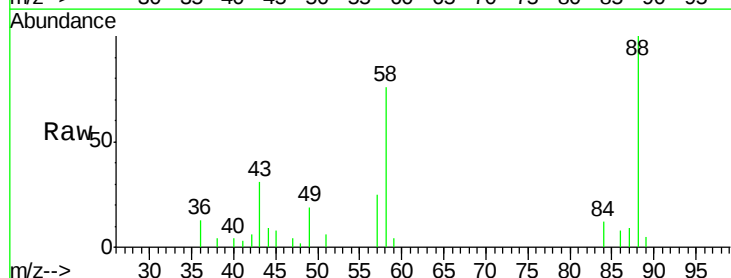
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



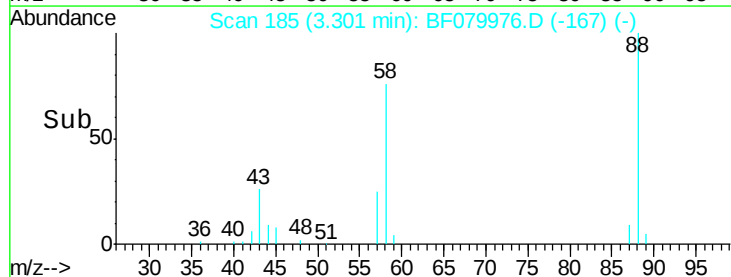
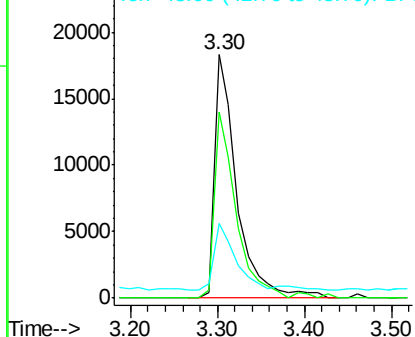
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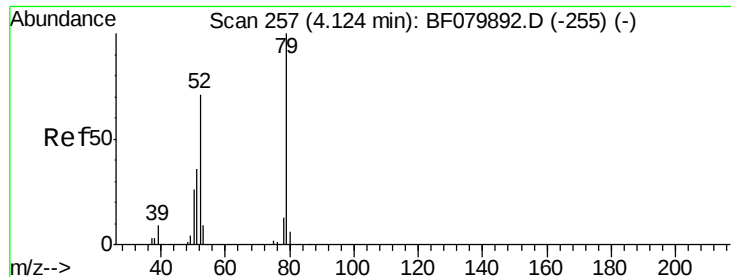
1,4-Dioxane
 Concen: 26.48 ng
 RT: 3.30 min Scan# 185
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion: 88 Resp: 32870
 Ion Ratio Lower Upper
 88 100
 58 73.6 63.0 94.4
 43 26.7 23.2 34.8



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: 32.69 ng

RT: 4.10 min Scan# 255

Delta R.T. 0.01 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

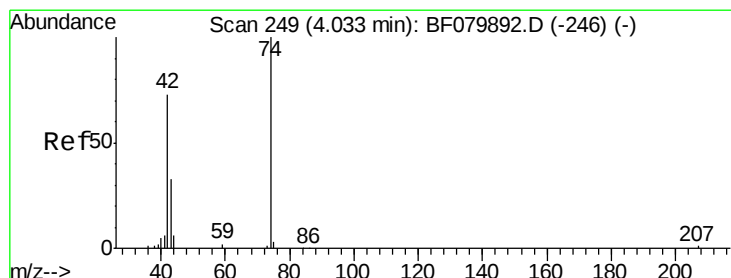
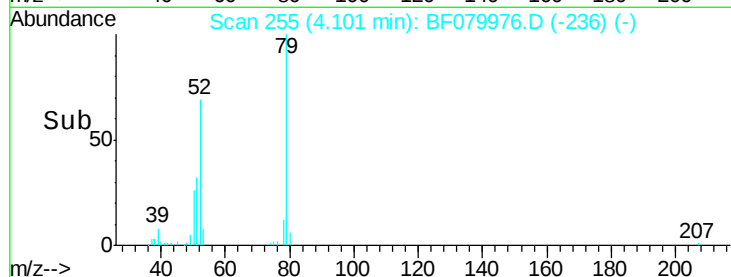
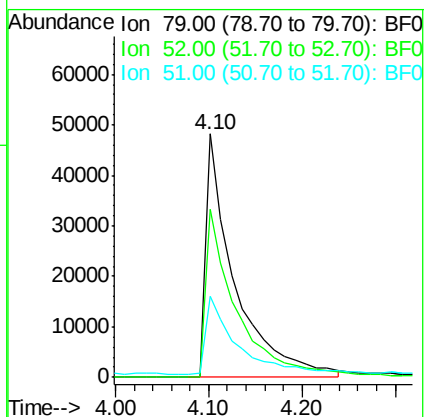
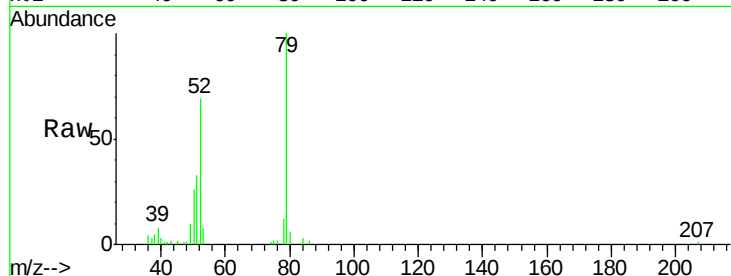
Tgt Ion: 79 Resp: 103999

Ion Ratio Lower Upper

79 100

52 69.1 56.7 85.1

51 33.1 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 31.51 ng

RT: 4.01 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

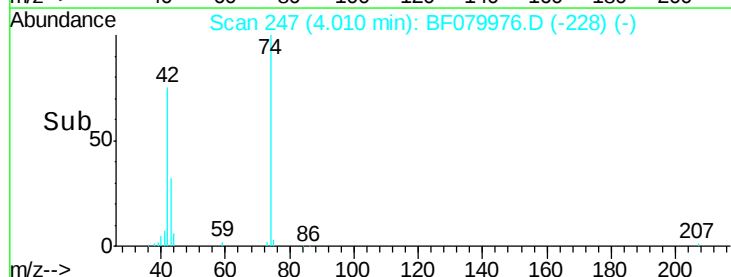
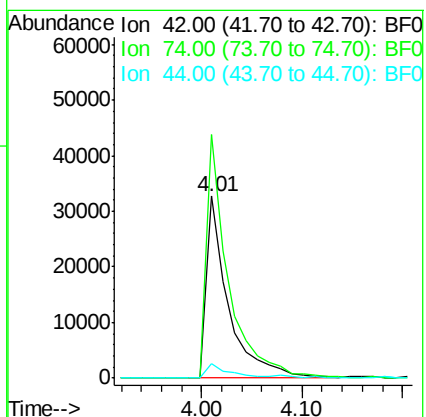
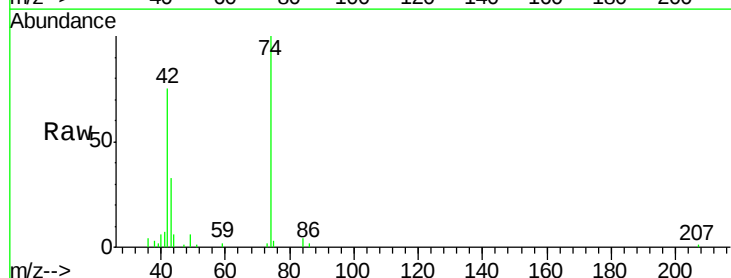
Tgt Ion: 42 Resp: 49405

Ion Ratio Lower Upper

42 100

74 134.1 109.0 163.6

44 8.1 7.7 11.5





#5

2-Fluorophenol

Concen: 115.77 ng

RT: 5.99 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

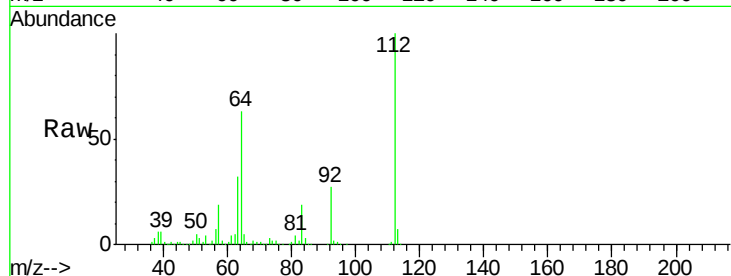
Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

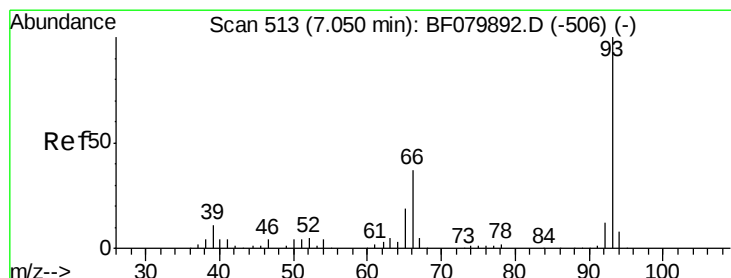
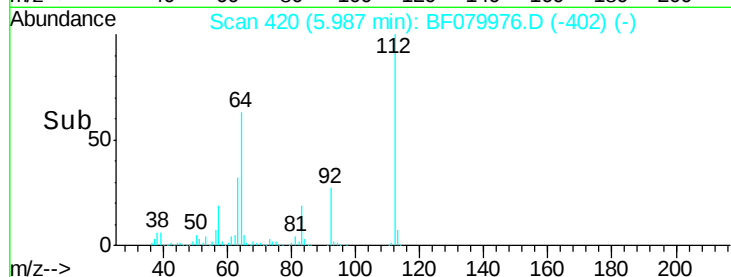
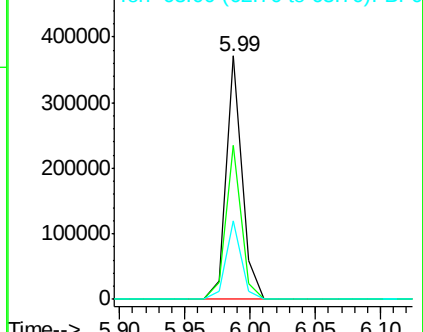
Tgt Ion:	112	Resp:	315927
Ion	Ratio	Lower	Upper
112	100		
64	63.1	54.5	81.7
63	32.5	27.9	41.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.67 ng

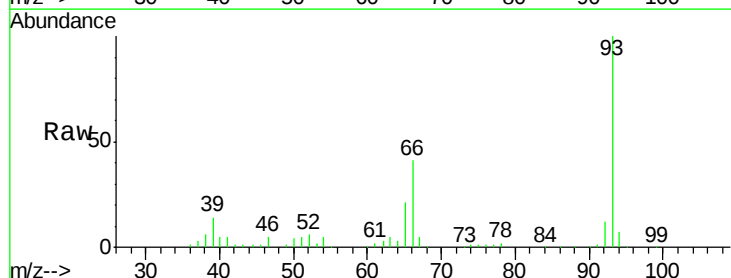
RT: 7.03 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

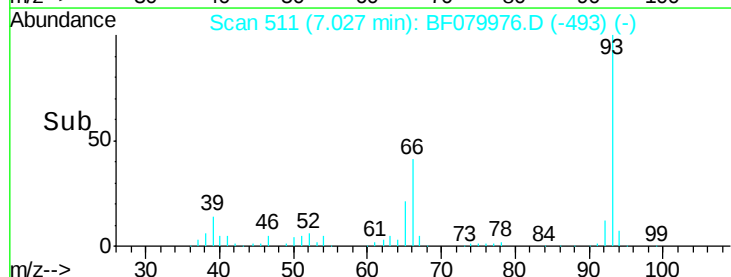
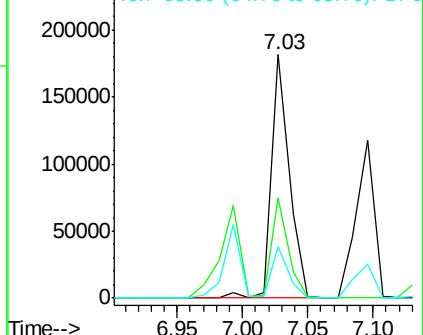
Tgt Ion:	93	Resp:	175768
Ion	Ratio	Lower	Upper
93	100		
66	41.1	29.4	44.0
65	21.1	14.9	22.3

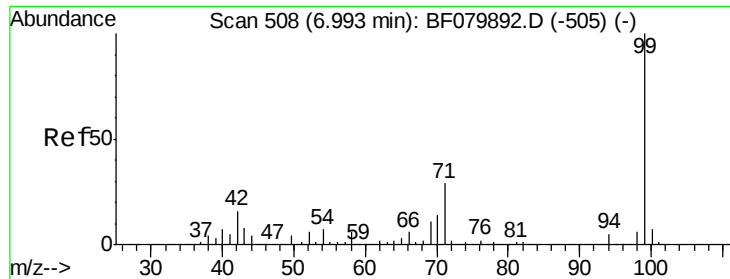


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.43 ng

RT: 6.98 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

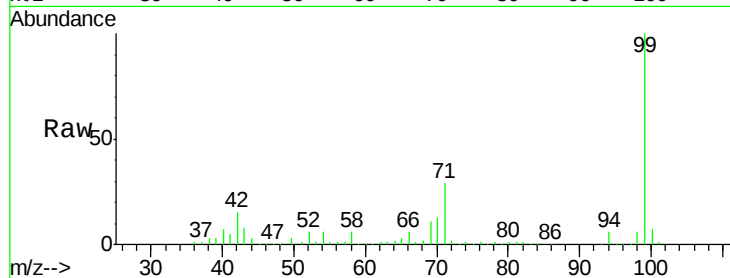
Tgt Ion: 99 Resp: 451448

Ion Ratio Lower Upper

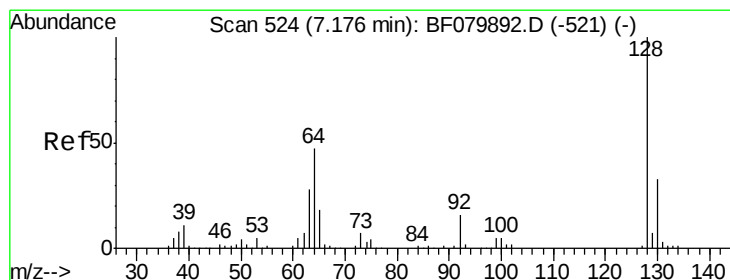
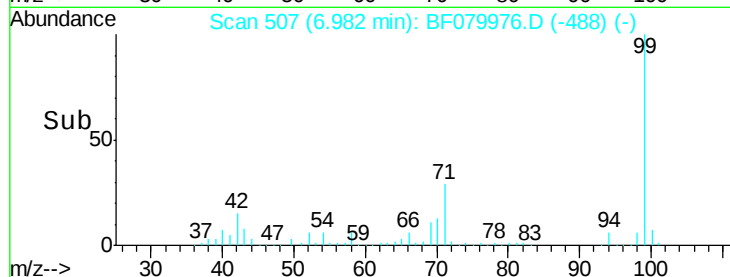
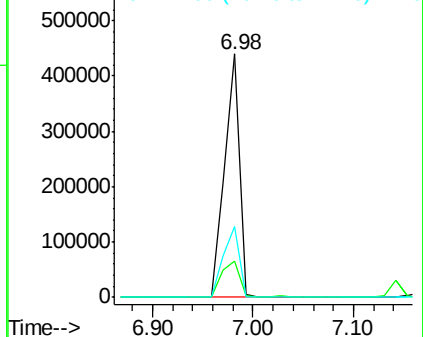
99 100

42 14.9 12.9 19.3

71 29.3 23.4 35.2



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: 35.02 ng

RT: 7.16 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

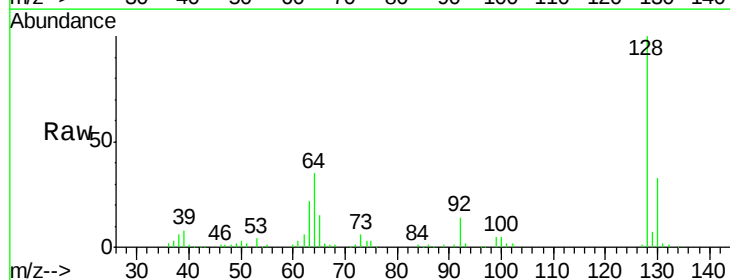
Tgt Ion: 128 Resp: 116140

Ion Ratio Lower Upper

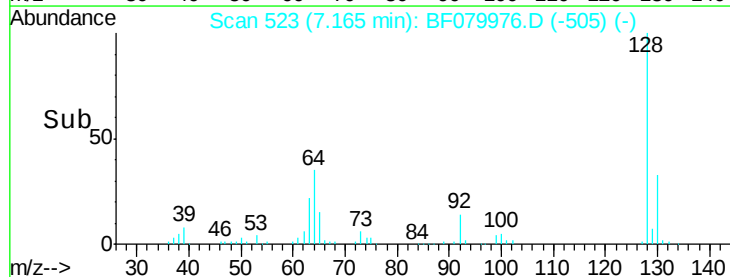
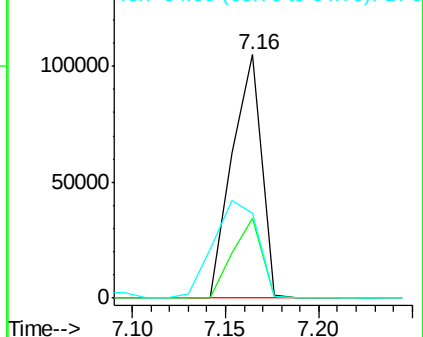
128 100

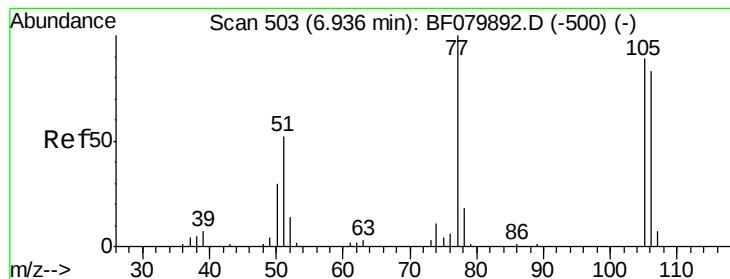
130 32.9 13.1 53.1

64 34.9 26.8 66.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.32 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

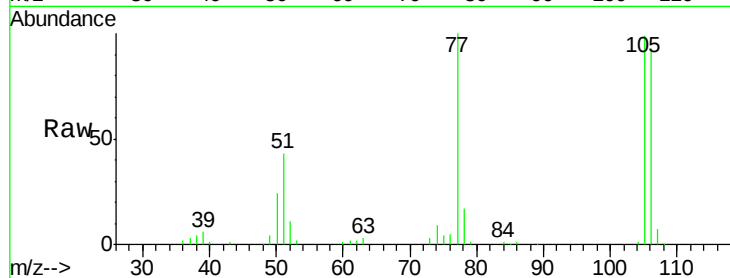
Tgt Ion: 77 Resp: 88309

Ion Ratio Lower Upper

77 100

105 98.9 68.6 108.6

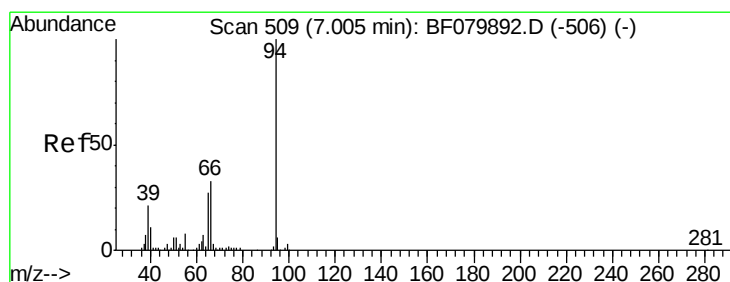
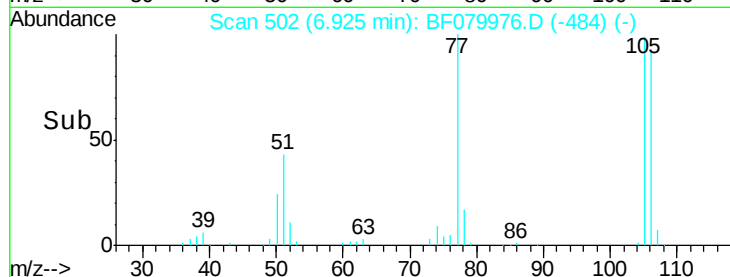
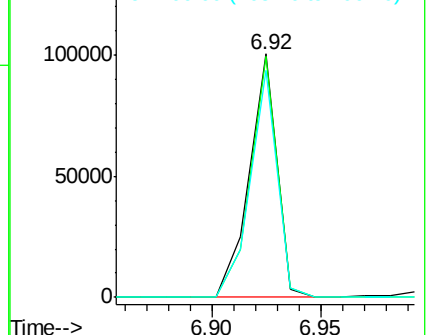
106 93.3 63.3 103.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.83 ng

RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

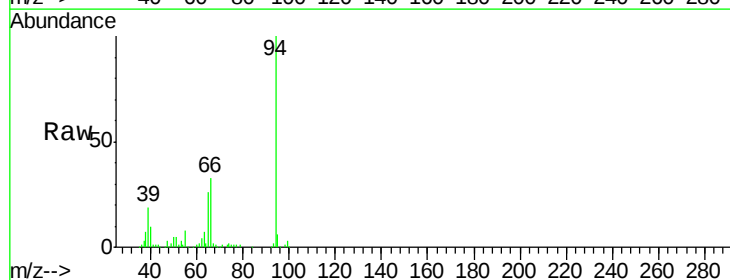
Tgt Ion: 94 Resp: 162861

Ion Ratio Lower Upper

94 100

65 26.2 7.0 47.0

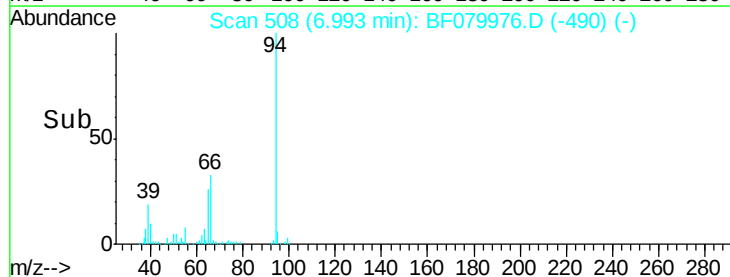
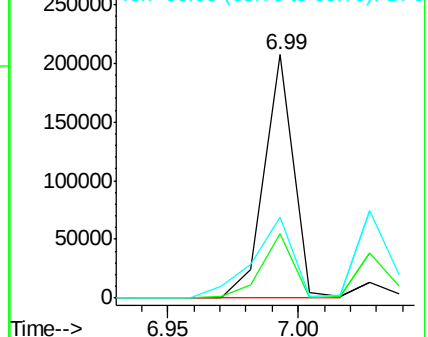
66 33.1 13.3 53.3

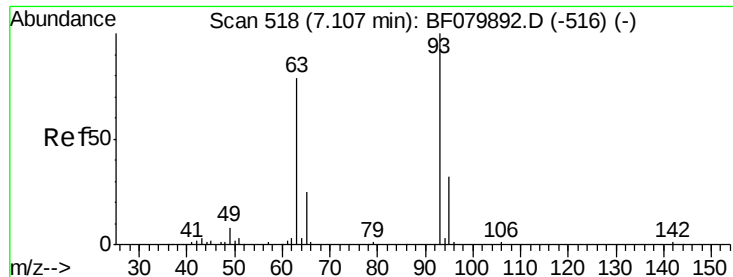


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

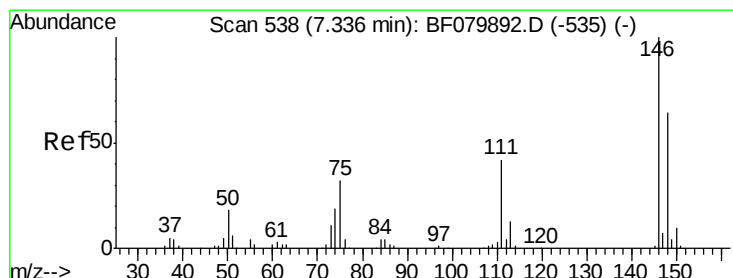
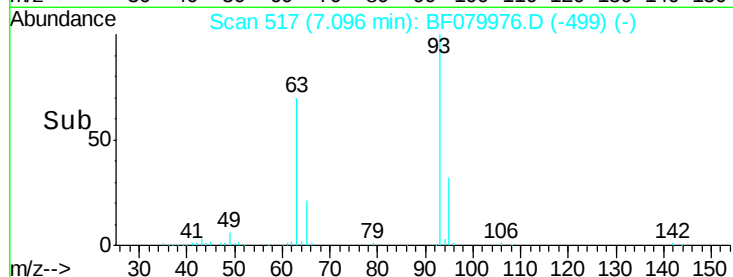
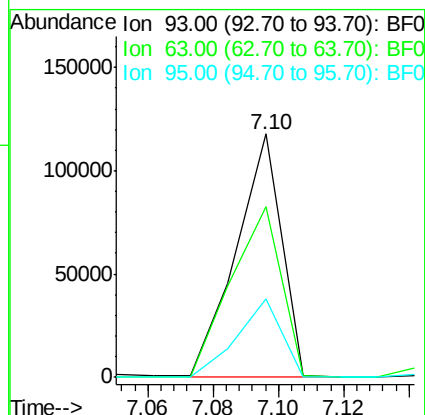
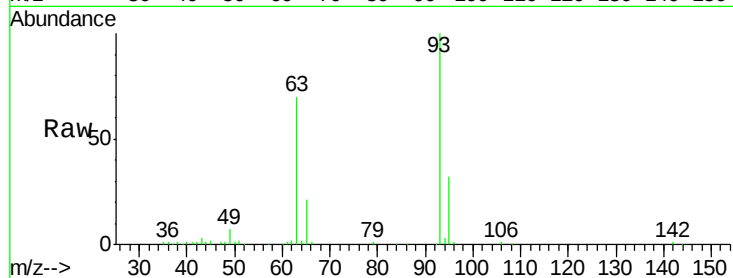




#11
bis(2-Chloroethyl)ether
Concen: 34.07 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

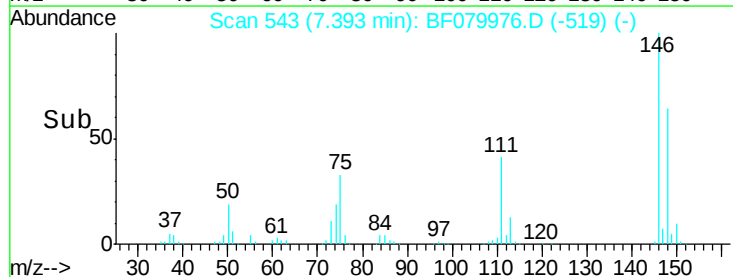
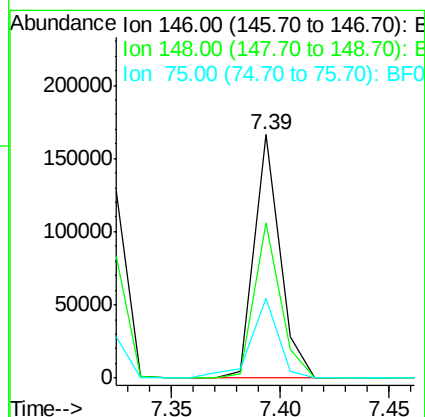
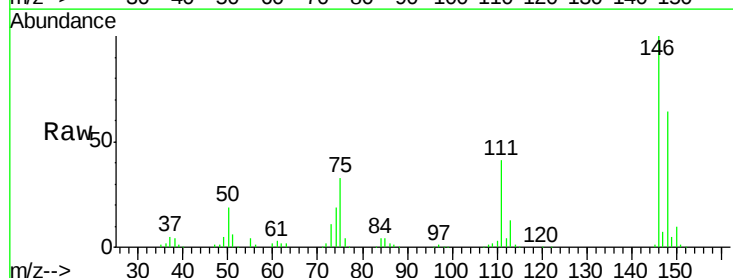
Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10MSD

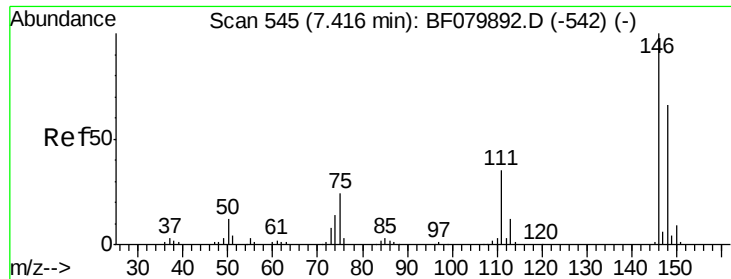
Tgt Ion: 93 Resp: 112104
Ion Ratio Lower Upper
93 100
63 70.2 58.7 98.7
95 32.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 35.20 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.07 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion: 146 Resp: 136191
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 32.6 25.8 38.6

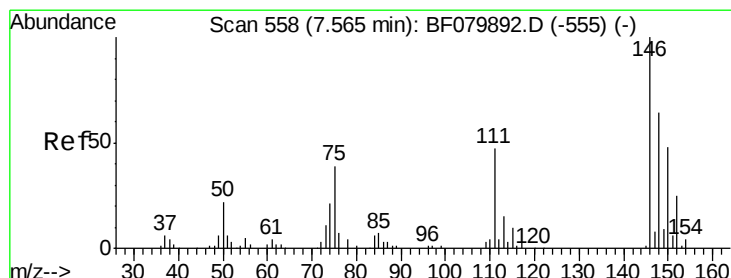
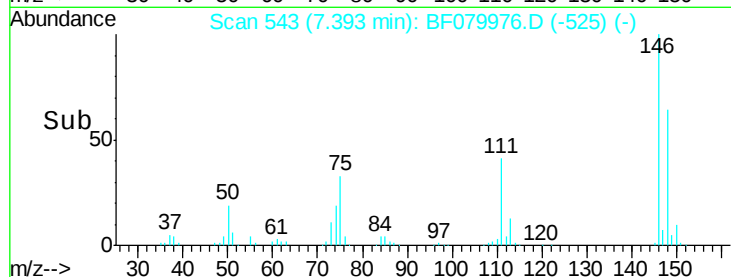
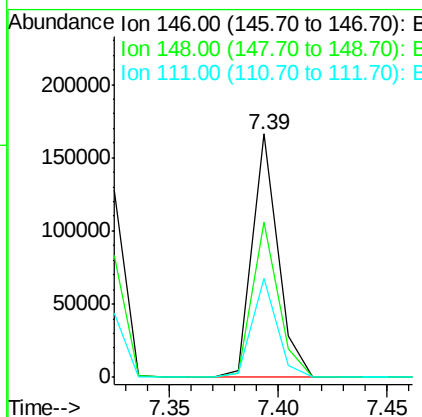
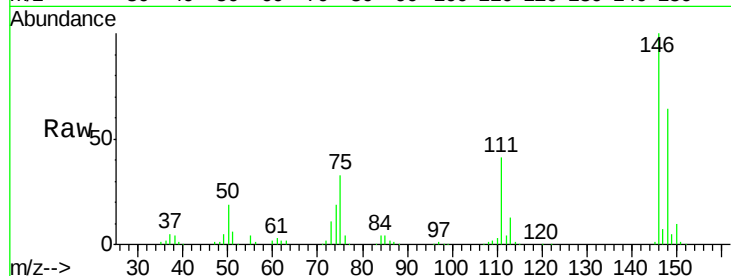




#13
 1,4-Dichlorobenzene
 Concen: 33.89 ng
 RT: 7.39 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

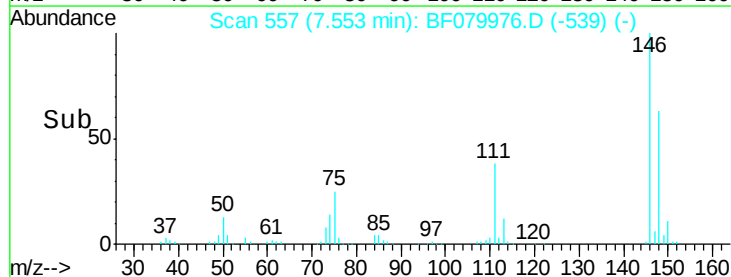
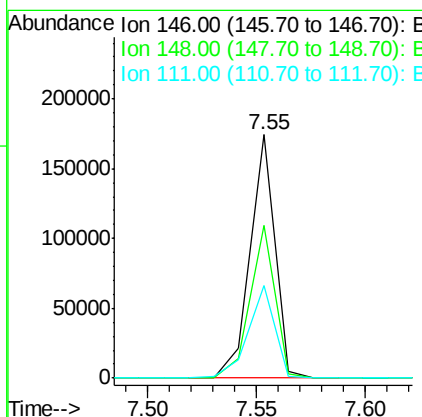
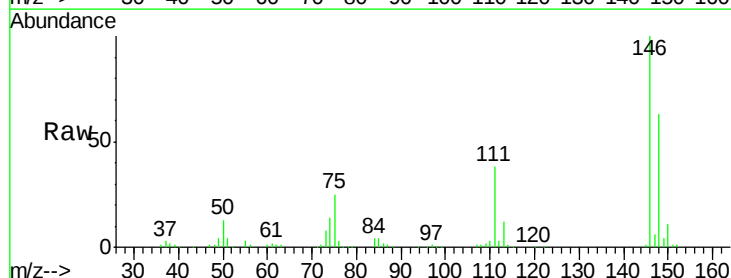
Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

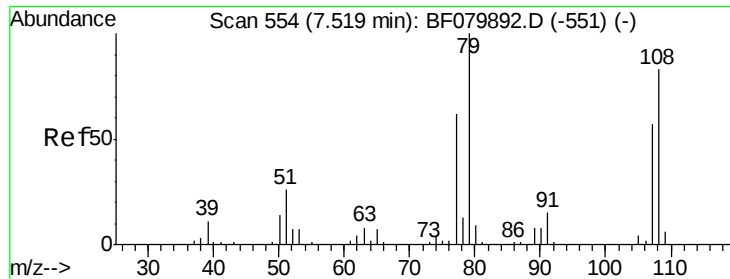
Tgt Ion:146 Resp: 136191
 Ion Ratio Lower Upper
 146 100
 148 63.8 53.0 79.6
 111 40.6 28.2 42.2



#14
 1,2-Dichlorobenzene
 Concen: 38.61 ng
 RT: 7.55 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion:146 Resp: 137827
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.2 76.8
 111 38.2 37.3 55.9





#15

Benzyl Alcohol

Concen: 35.03 ng

RT: 7.50 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

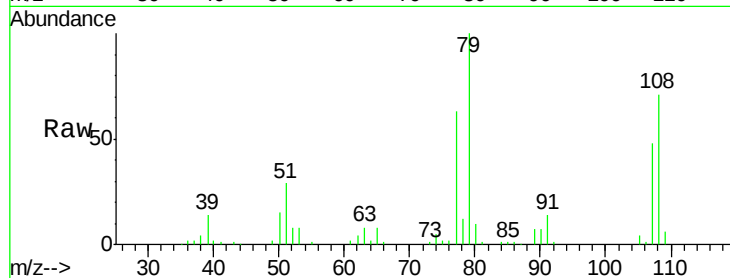
Tgt Ion: 79 Resp: 104437

Ion Ratio Lower Upper

79 100

108 71.0 66.4 99.6

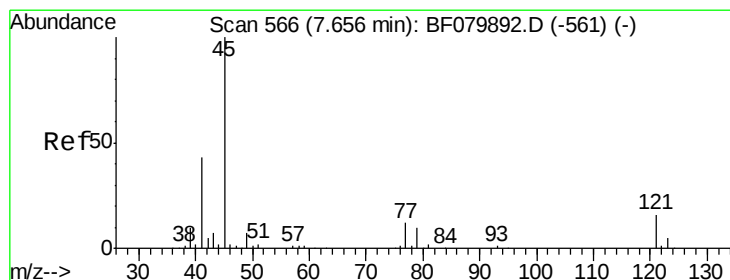
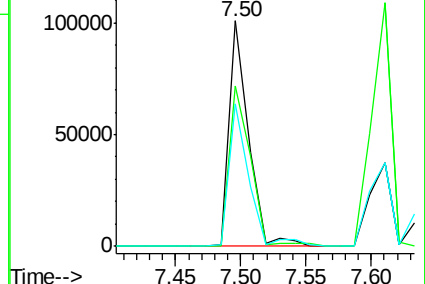
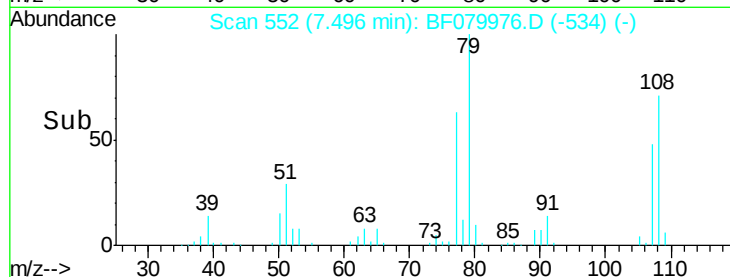
77 63.2 49.4 74.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.72 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

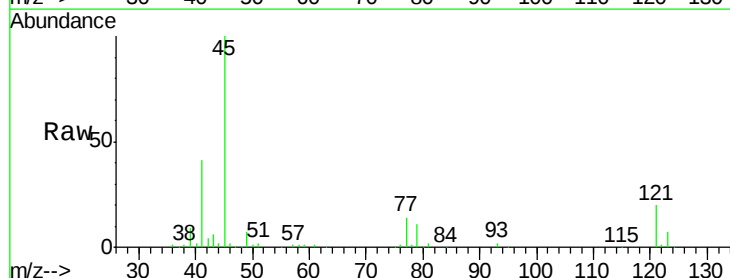
Tgt Ion: 45 Resp: 193573

Ion Ratio Lower Upper

45 100

77 13.8 0.0 31.9

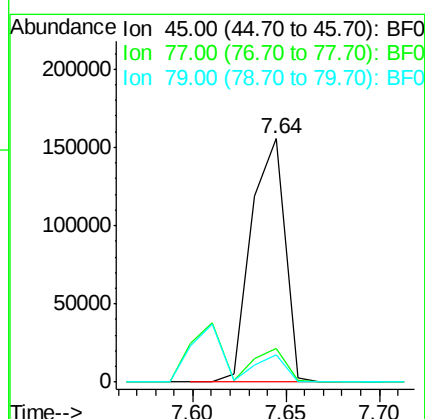
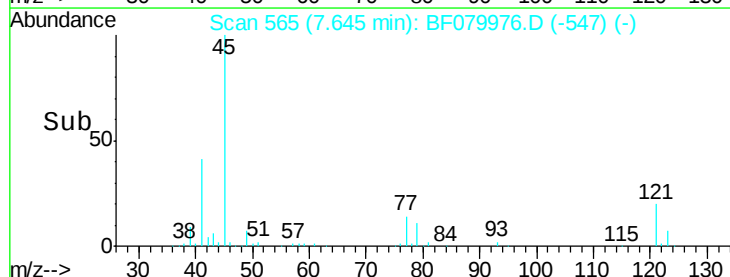
79 11.0 0.0 29.6

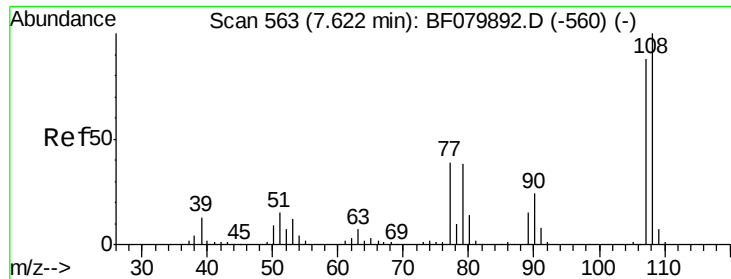


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

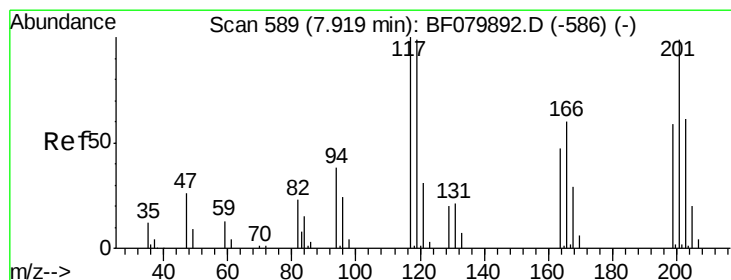
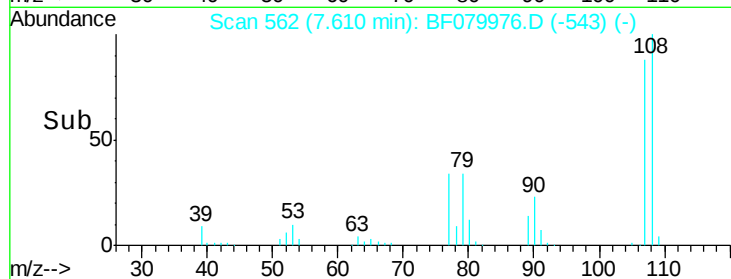
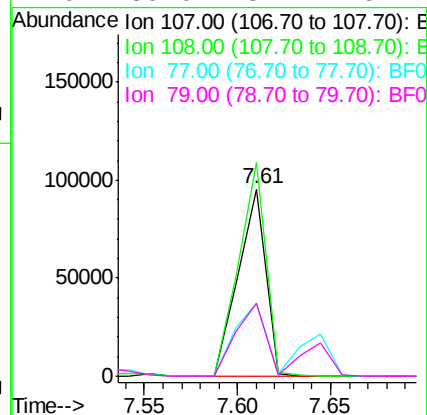
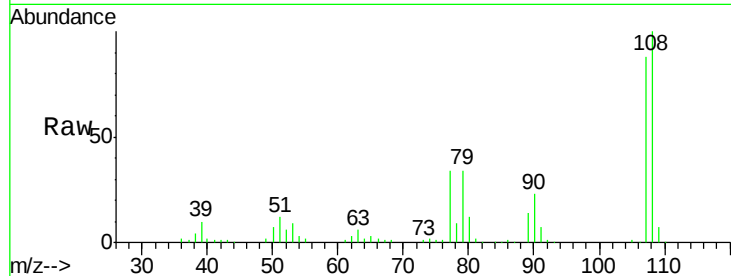




#17
 2-Methylphenol
 Concen: 34.10 ng
 RT: 7.61 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

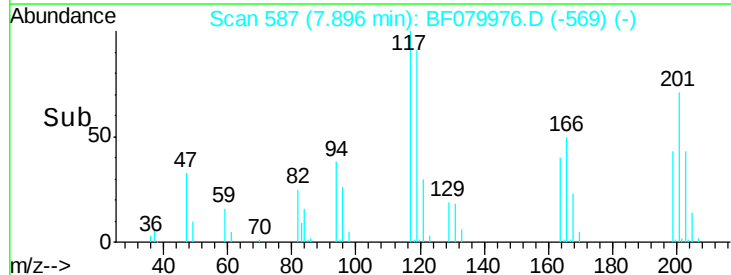
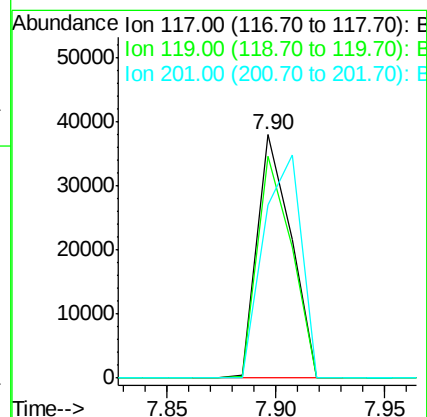
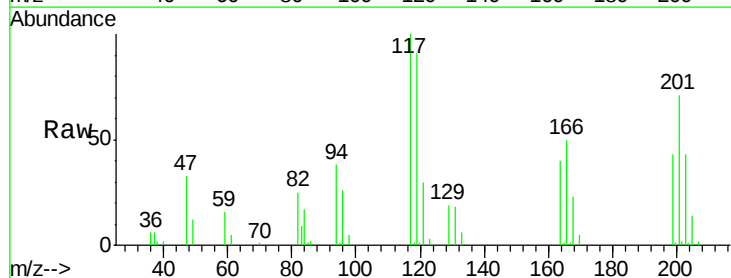
Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

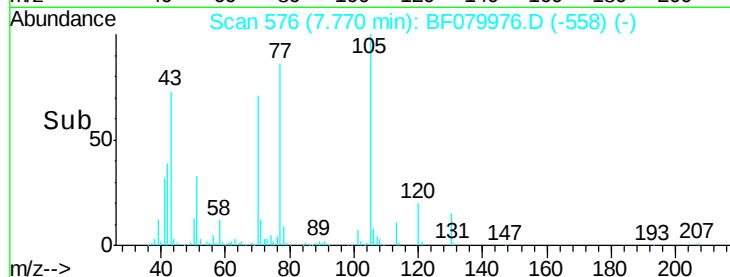
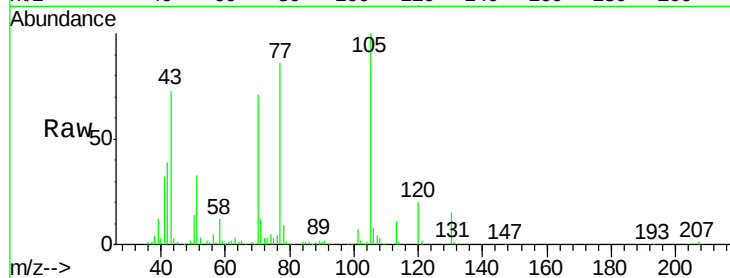
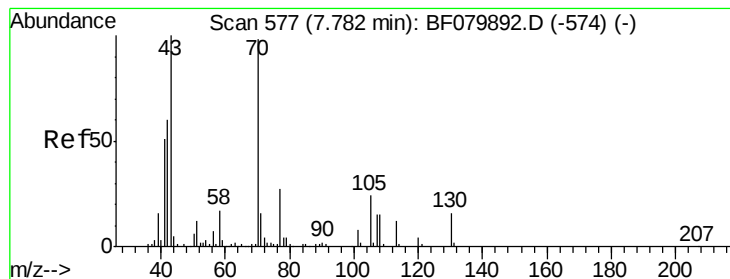
Tgt Ion:	107	Resp:	98818
Ion	Ratio	Lower	Upper
107	100		
108	114.3	90.8	136.2
77	39.4	35.4	53.2
79	39.0	34.7	52.1



#18
 Hexachloroethane
 Concen: 33.04 ng
 RT: 7.90 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion:	117	Resp:	41116
Ion	Ratio	Lower	Upper
117	100		
119	90.9	79.0	118.6
201	71.4	79.0	118.6#





#19

n-Nitroso-di-n-propylamine

Concen: 36.27 ng

RT: 7.77 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

Tgt Ion: 70 Resp: 96356

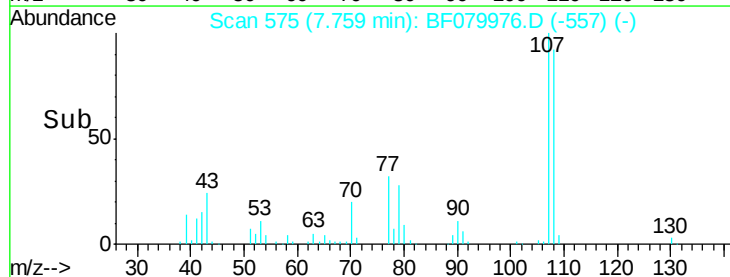
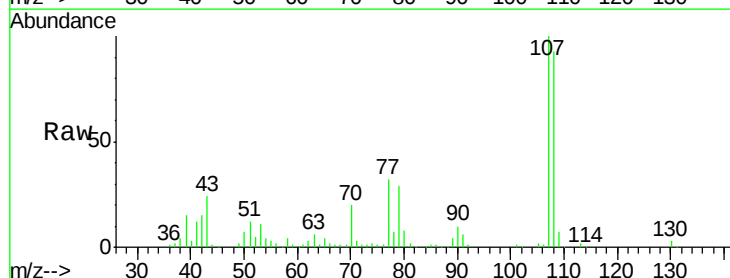
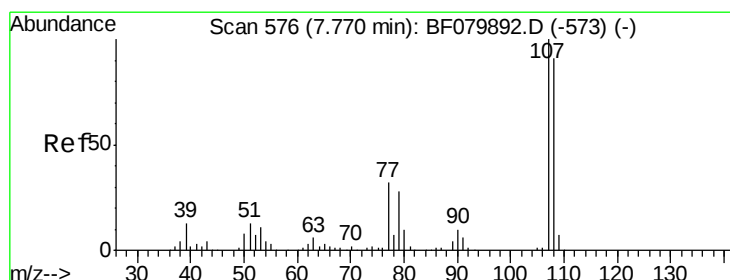
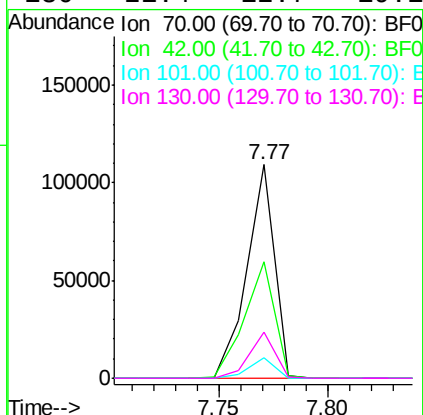
Ion Ratio Lower Upper

70 100

42 54.7 49.0 73.4

101 9.8 6.6 9.8

130 21.4 12.7 19.1#



#20

3+4-Methylphenols

Concen: 37.90 ng

RT: 7.76 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Tgt Ion: 107 Resp: 140370

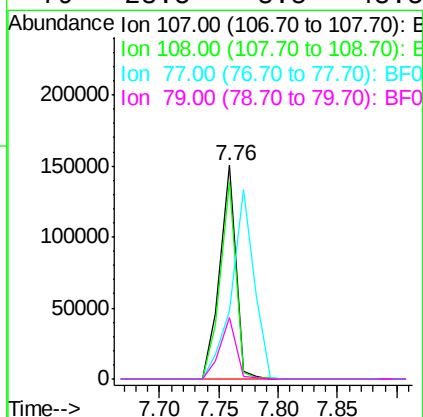
Ion Ratio Lower Upper

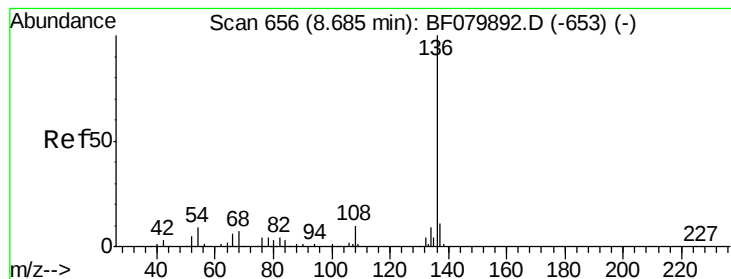
107 100

108 92.6 71.1 111.1

77 31.7 12.2 52.2

79 28.5 8.5 48.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

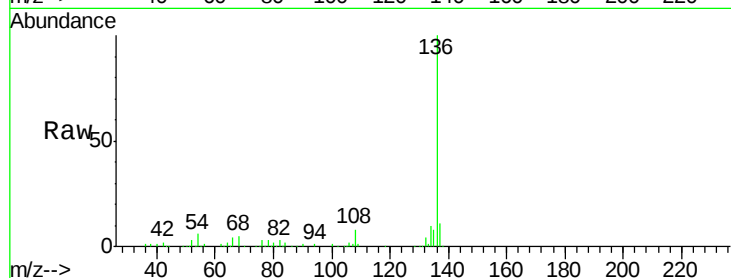
Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

Tgt Ion:	136	Resp:	209351
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.2	7.3	10.9#
68	4.8	5.9	8.9#



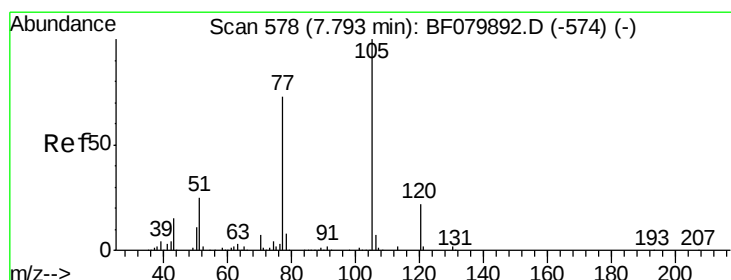
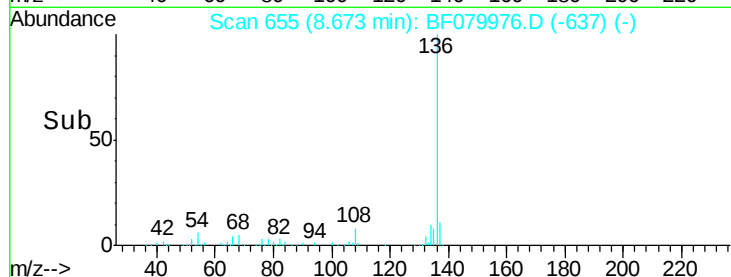
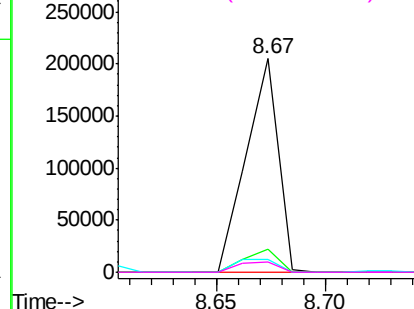
Abundance

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: 34.43 ng

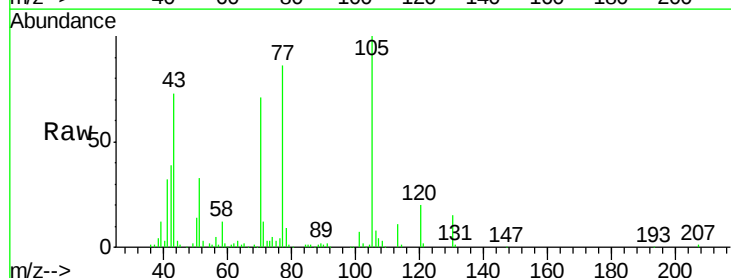
RT: 7.77 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Tgt Ion:	105	Resp:	170213
Ion	Ratio	Lower	Upper
105	100		
71	11.7	1.0	1.4#
51	32.8	19.8	29.6#
120	20.2	17.6	26.4



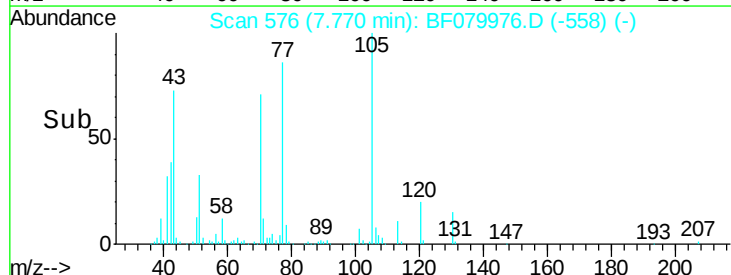
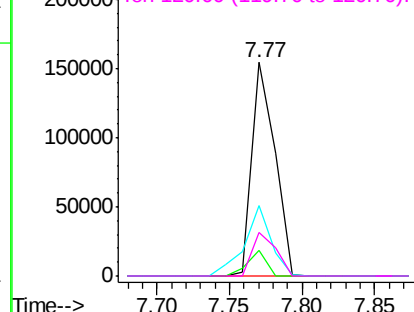
Abundance

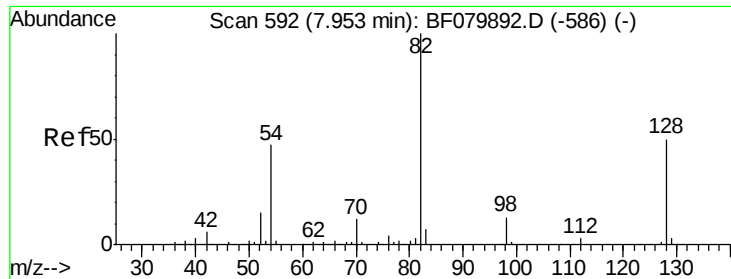
Ion 105.00 (104.70 to 105.70): E

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

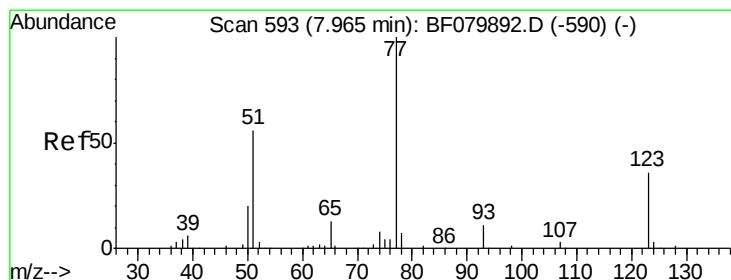
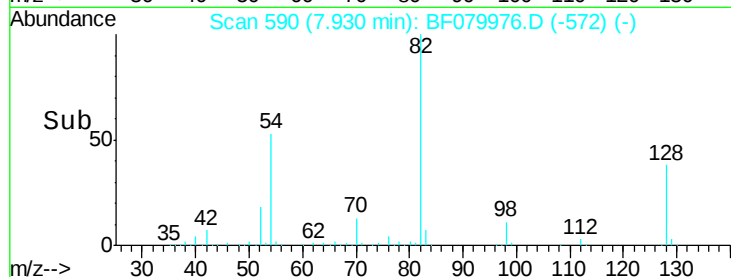
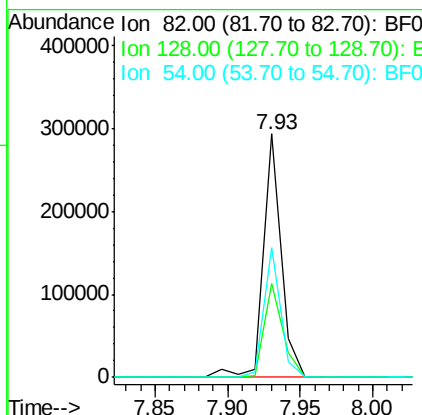
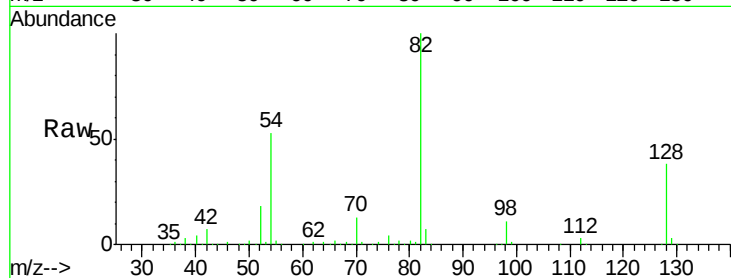




#23
 Nitrobenzene-d5
 Concen: 79.03 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

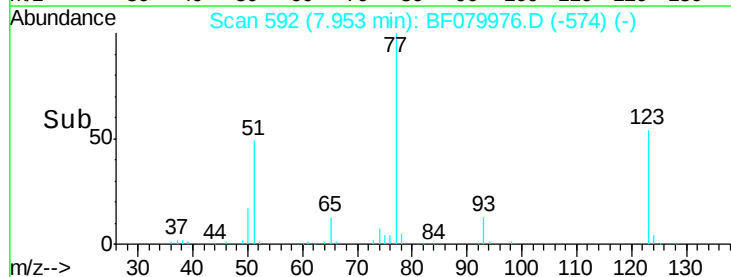
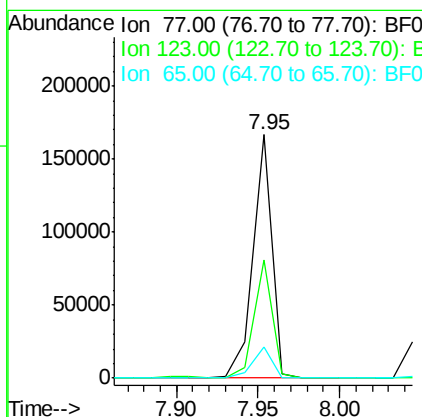
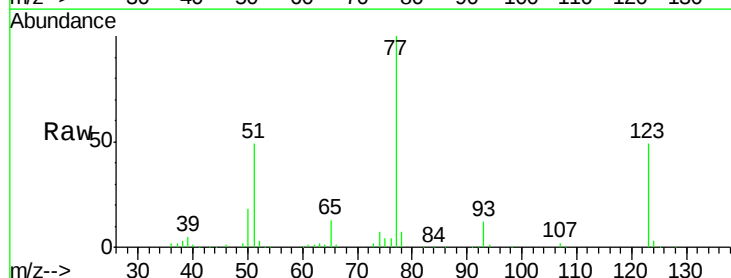
Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

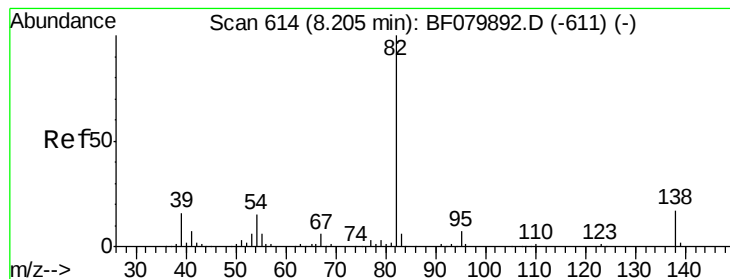
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	40.3	60.5#
54	53.4	38.0	57.0



#24
 Nitrobenzene
 Concen: 39.86 ng
 RT: 7.95 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	28.8	43.2#
65	12.6	10.3	15.5





#25

Isophorone

Concen: 32.49 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

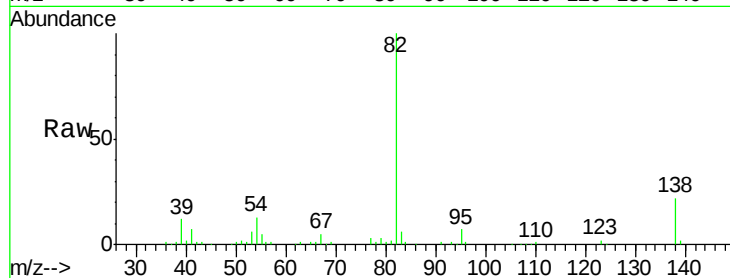
Tgt Ion: 82 Resp: 239870

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 22.2 13.3 19.9#

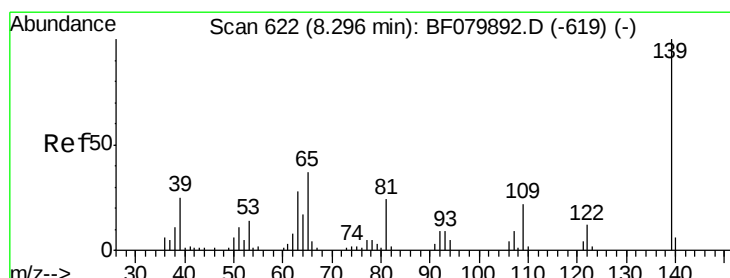
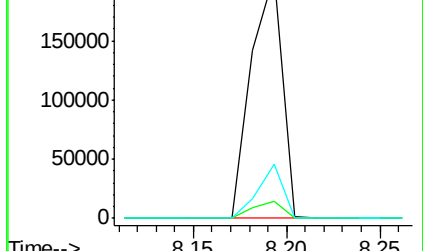
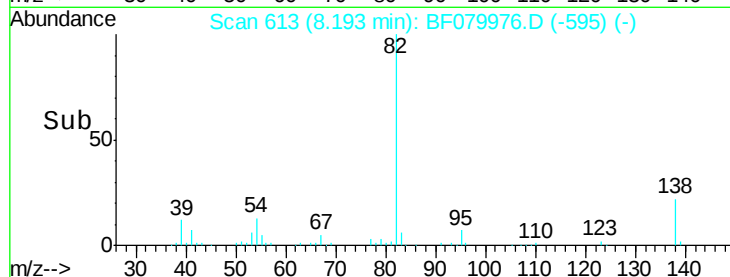


Abundance Ion 82.00 (81.70 to 82.70): BF079892.D (-611) (-)

Ion 95.00 (94.70 to 95.70): BF079892.D (-611) (-)

Ion 138.00 (137.70 to 138.70): BF079892.D (-611) (-)

Time-->



#26

2-Nitrophenol

Concen: 43.15 ng

RT: 8.27 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

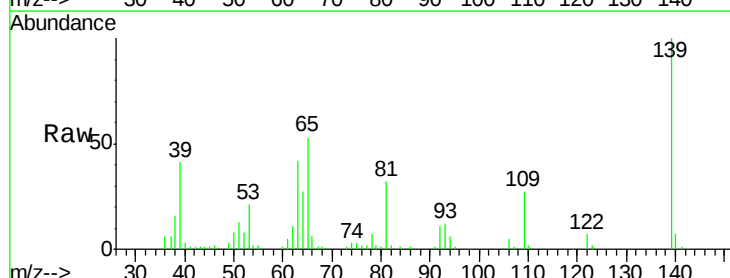
Tgt Ion: 139 Resp: 50839

Ion Ratio Lower Upper

139 100

109 26.9 17.8 26.6#

65 52.8 29.4 44.0#

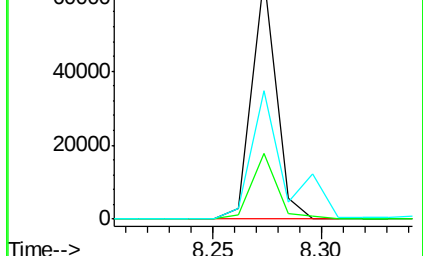
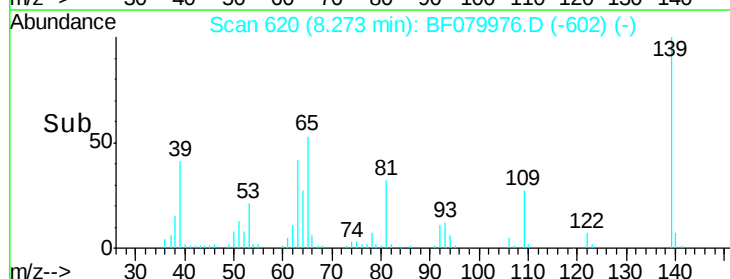


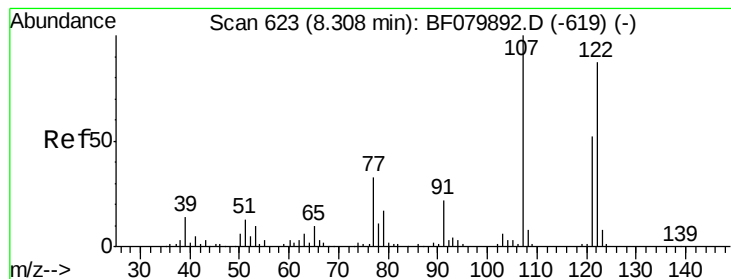
Abundance Ion 139.00 (138.70 to 139.70): BF079892.D (-619) (-)

Ion 109.00 (108.70 to 109.70): BF079892.D (-619) (-)

Ion 65.00 (64.70 to 65.70): BF079892.D (-619) (-)

Time-->





#27

2,4-Dimethylphenol

Concen: 36.67 ng

RT: 8.30 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

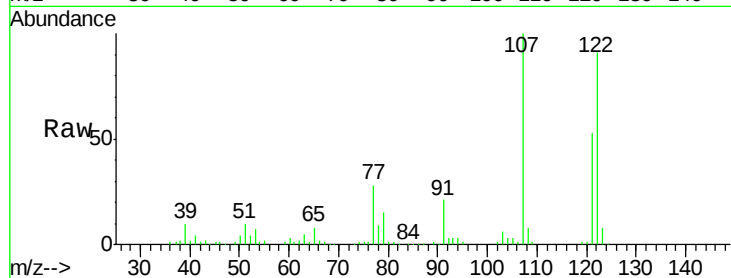
Tgt Ion: 122 Resp: 121362

Ion Ratio Lower Upper

122 100

107 109.5 91.7 137.5

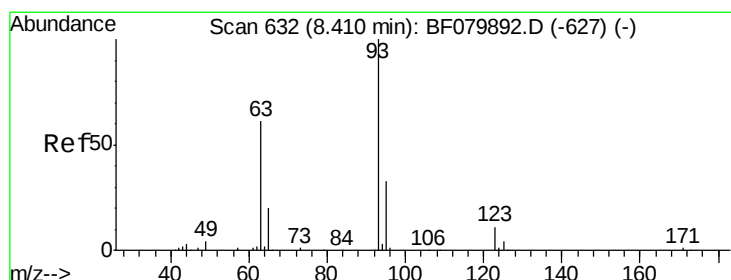
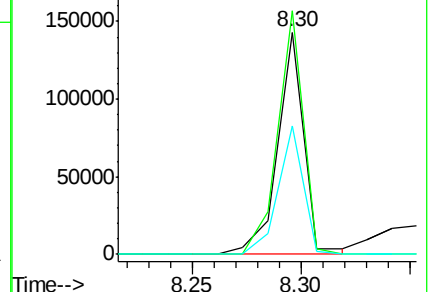
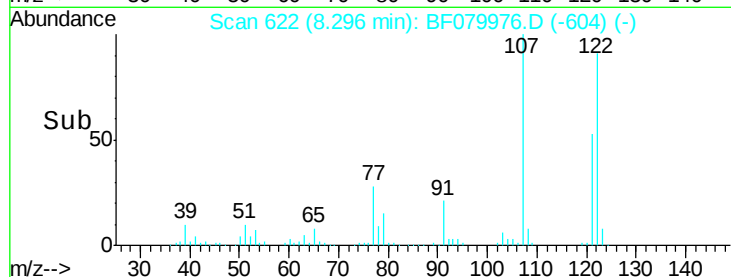
121 57.6 47.8 71.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.77 ng

RT: 8.39 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

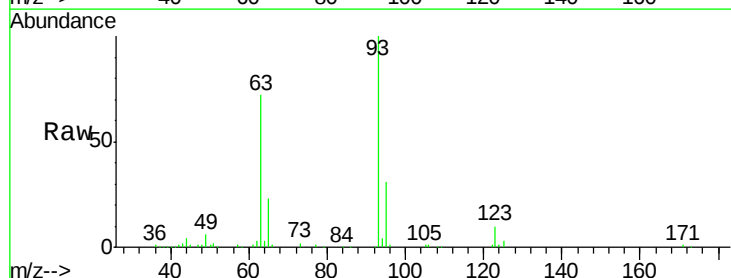
Tgt Ion: 93 Resp: 148050

Ion Ratio Lower Upper

93 100

95 31.0 26.1 39.1

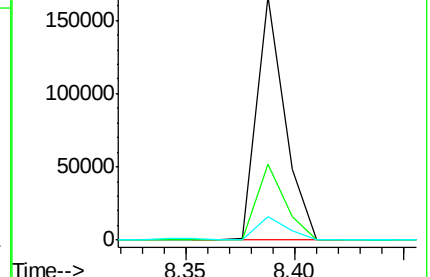
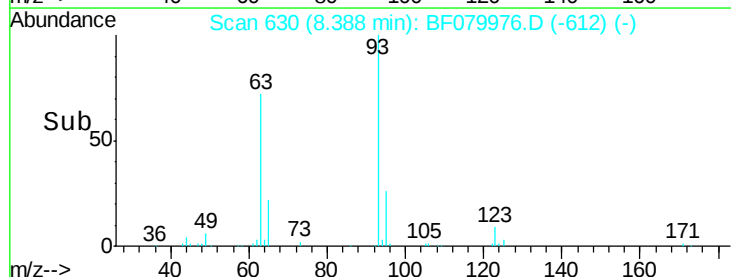
123 9.5 8.9 13.3

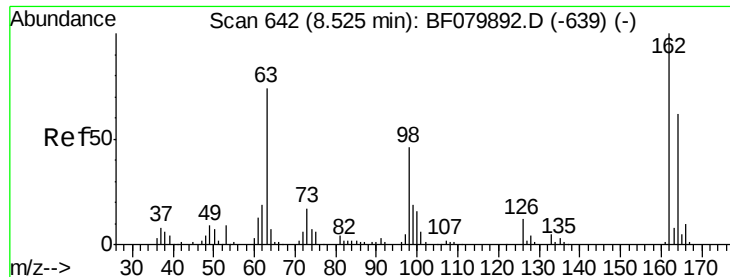


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

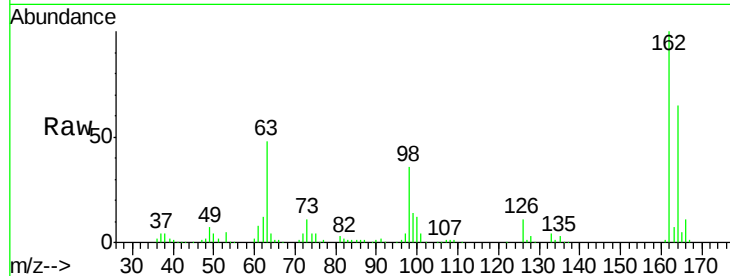




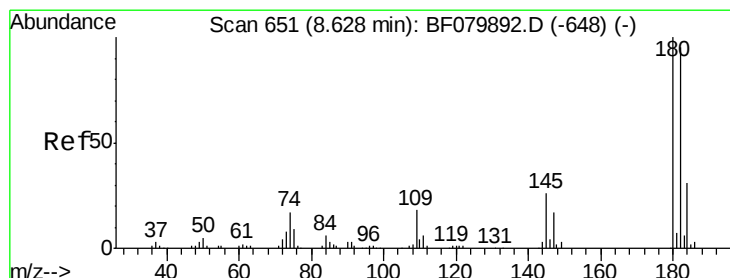
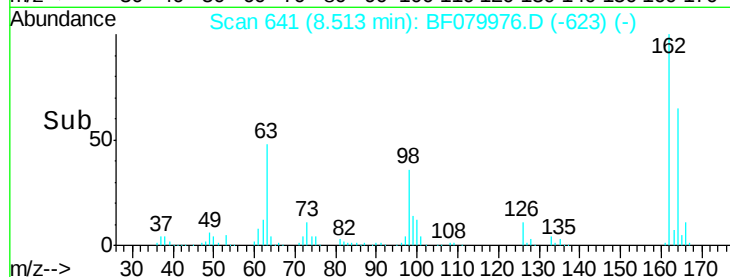
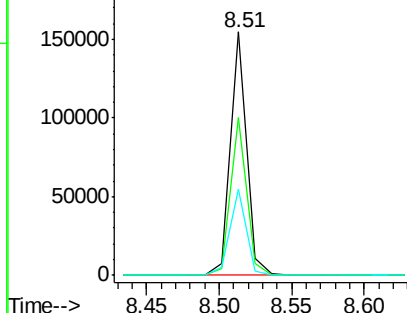
#29
 2,4-Dichlorophenol
 Concen: 43.34 ng
 RT: 8.51 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.2	82.2
98	35.5	26.0	66.0

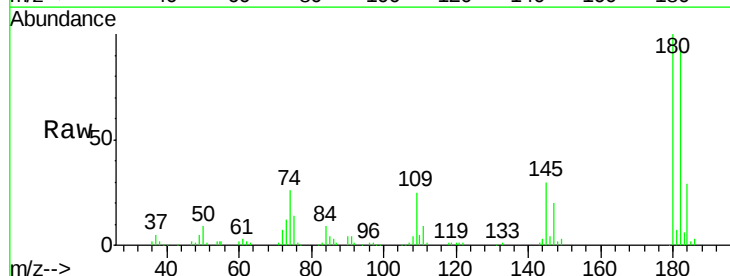


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

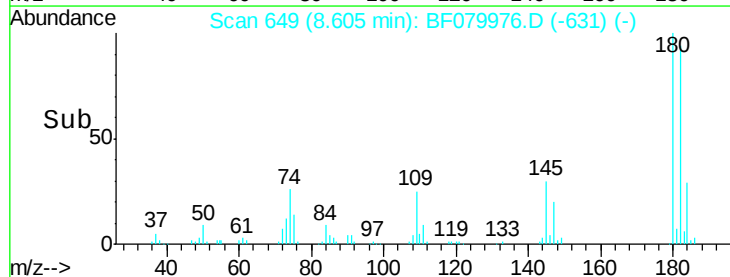
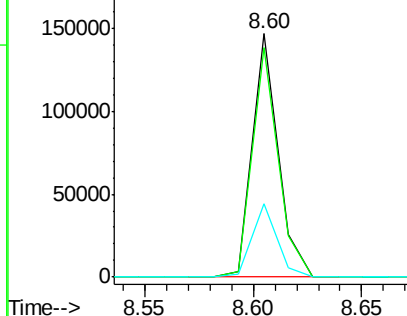


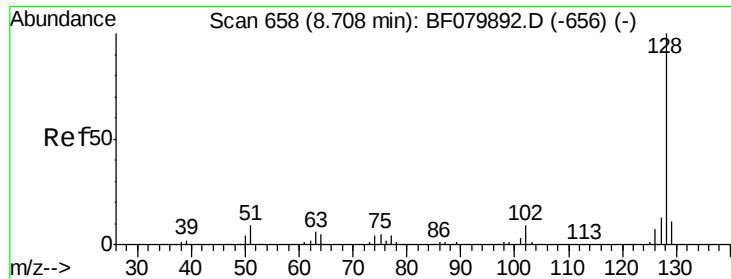
#30
 1,2,4-Trichlorobenzene
 Concen: 34.20 ng
 RT: 8.60 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.7	113.5
145	30.2	21.1	31.7



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

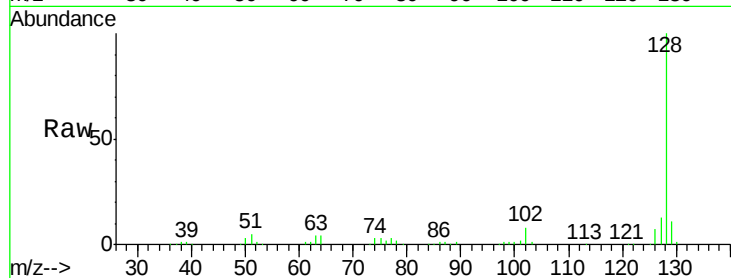




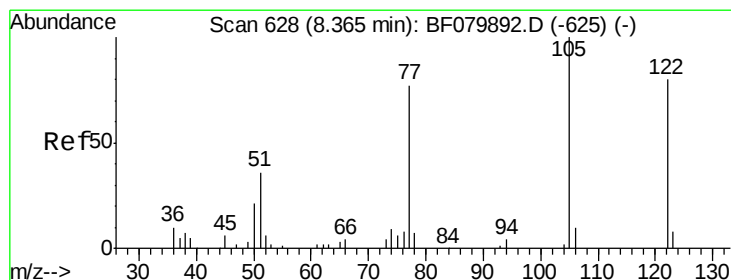
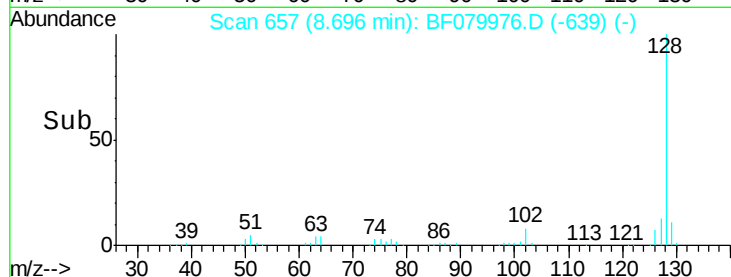
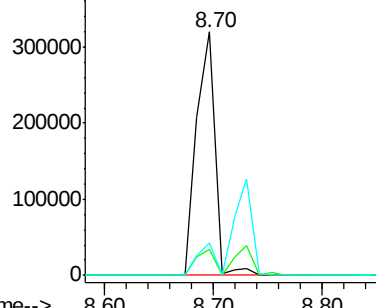
#31
Naphthalene
Concen: 32.88 ng
RT: 8.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10MSD

Tgt Ion:128 Resp: 376248
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.1 10.5 15.7

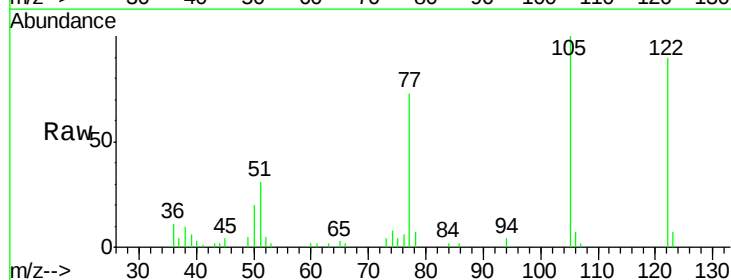


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

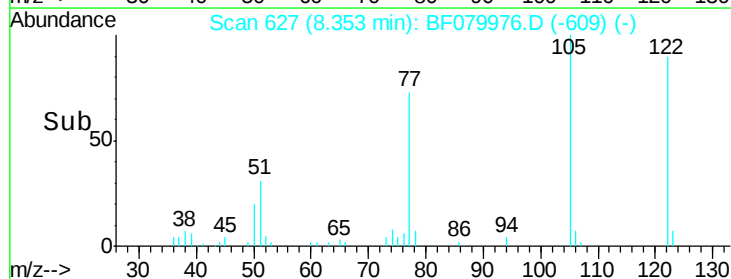
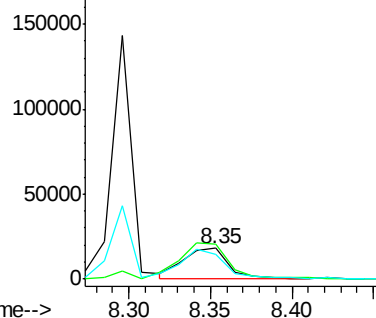


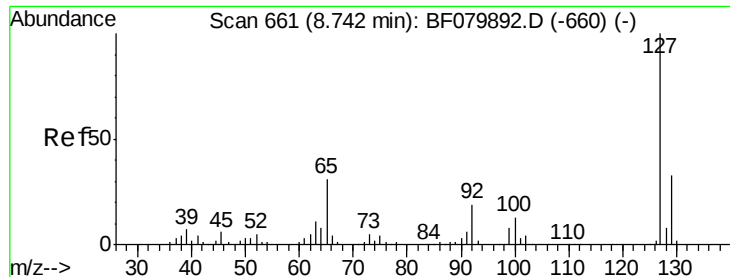
#32
Benzoic acid
Concen: 29.98 ng
RT: 8.35 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion:122 Resp: 33699
Ion Ratio Lower Upper
122 100
105 111.7 102.7 142.7
77 81.4 77.1 117.1



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

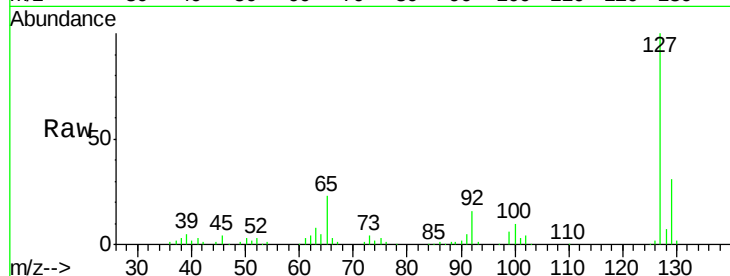




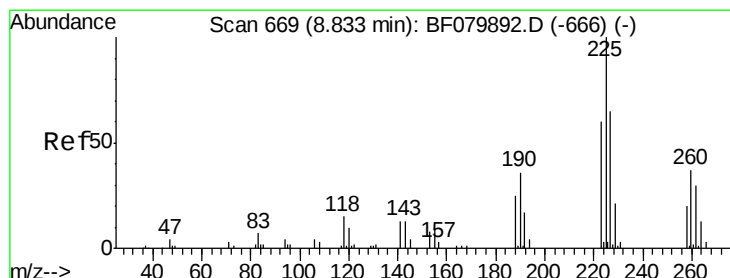
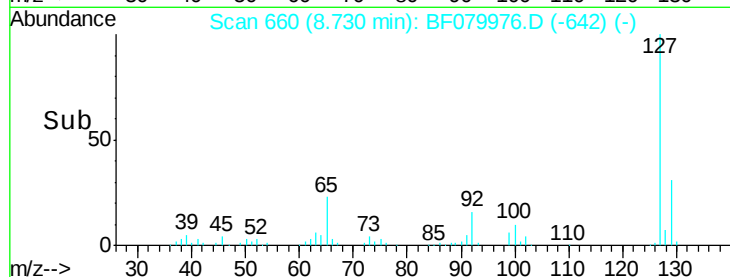
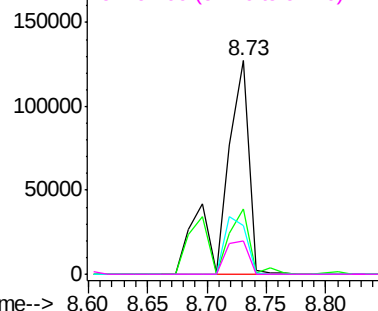
#33
4-Chloroaniline
Concen: 42.77 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10MSD

Tgt Ion:	127	Resp:	189987
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.1	39.1
65	22.6	25.5	38.3
92	15.8	15.7	23.5

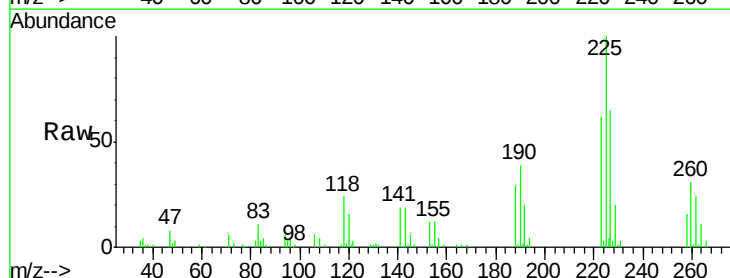


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

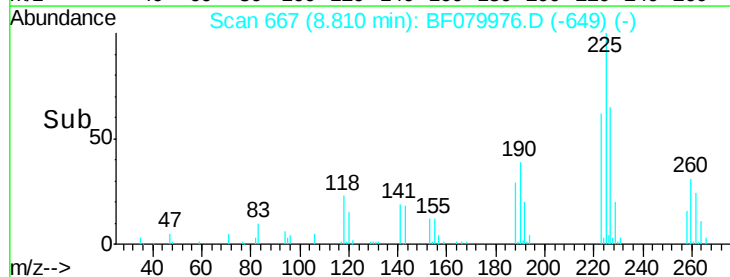
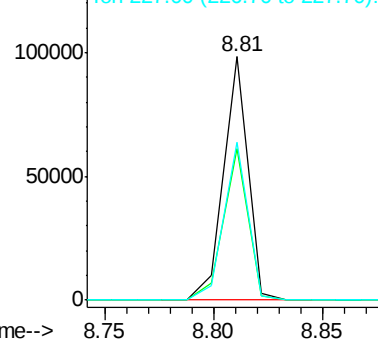


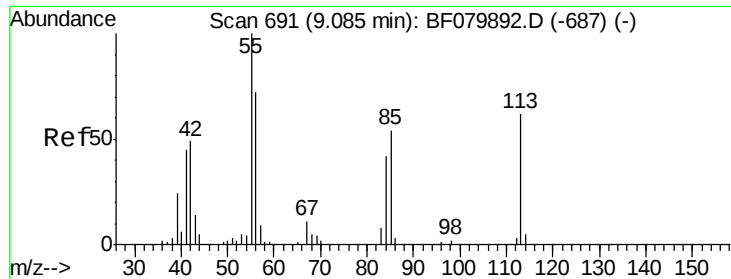
#34
Hexachlorobutadiene
Concen: 38.85 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion:	225	Resp:	75980
Ion	Ratio	Lower	Upper
225	100		
223	62.3	47.8	71.6
227	64.6	52.0	78.0



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

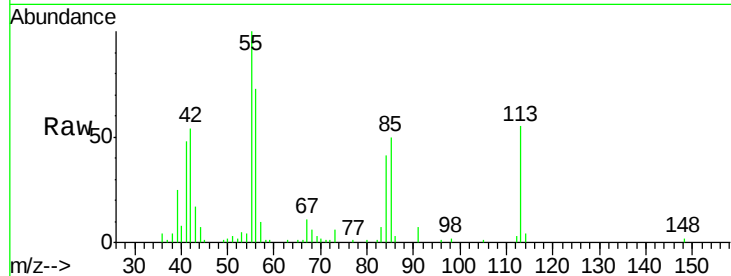




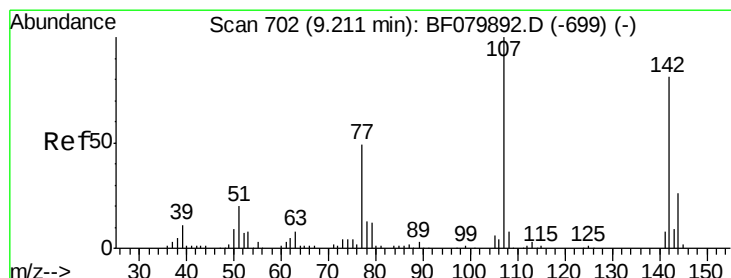
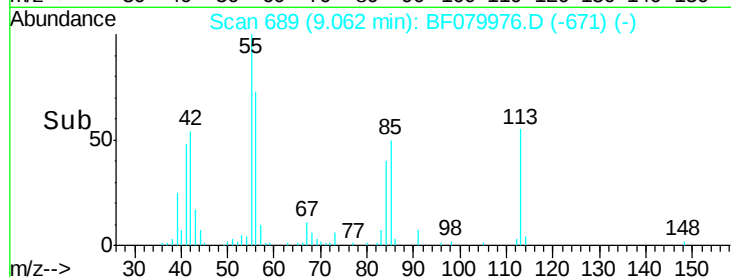
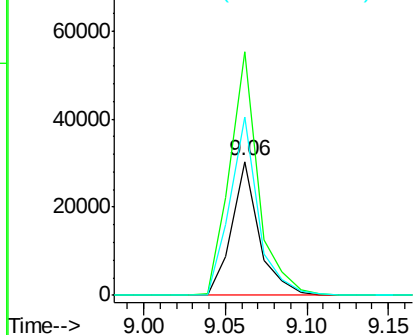
#35
 Caprolactam
 Concen: 39.91 ng
 RT: 9.06 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

Tgt Ion:113 Resp: 34986
 Ion Ratio Lower Upper
 113 100
 55 181.9 141.4 181.4#
 56 133.6 95.9 135.9

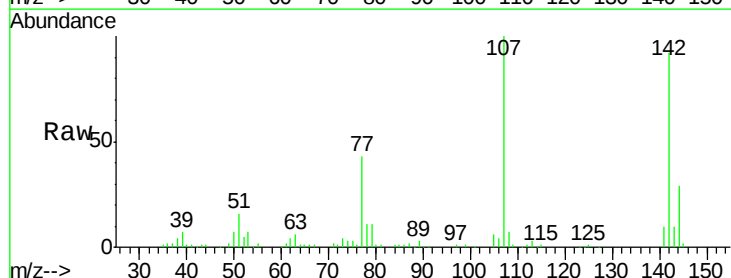


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

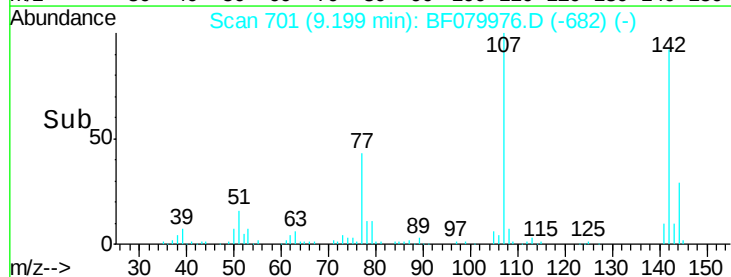
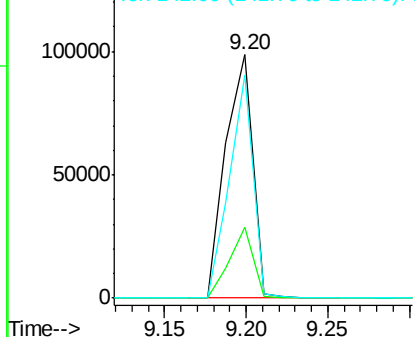


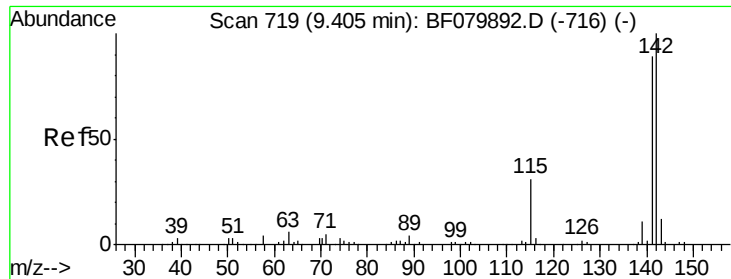
#36
 4-Chloro-3-methylphenol
 Concen: 35.56 ng
 RT: 9.20 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion:107 Resp: 112604
 Ion Ratio Lower Upper
 107 100
 144 29.2 21.0 31.6
 142 91.9 64.5 96.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

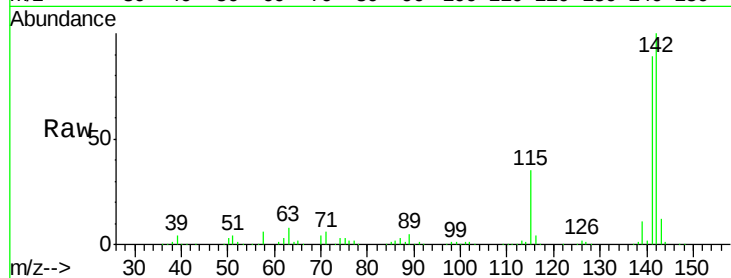




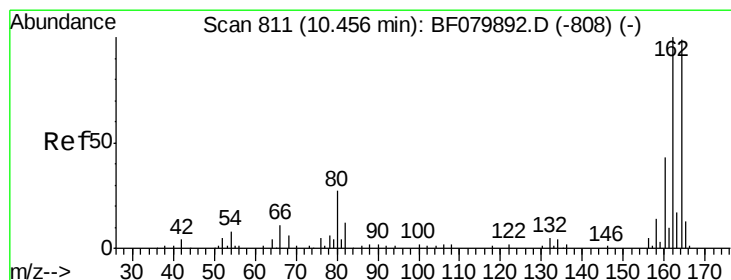
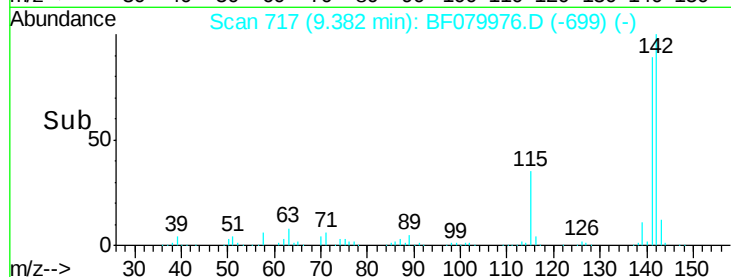
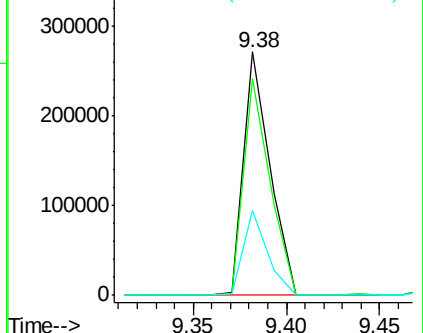
#37
 2-Methylnaphthalene
 Concen: 34.30 ng
 RT: 9.38 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.9	106.3
115	35.0	25.0	37.4

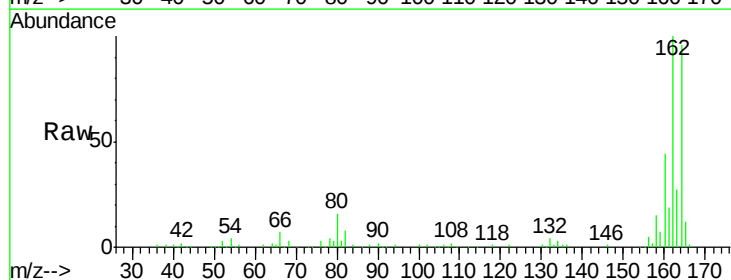


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

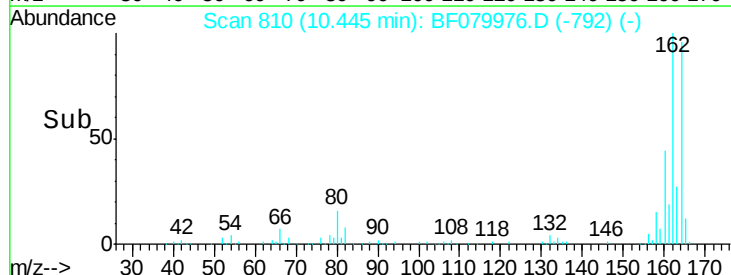
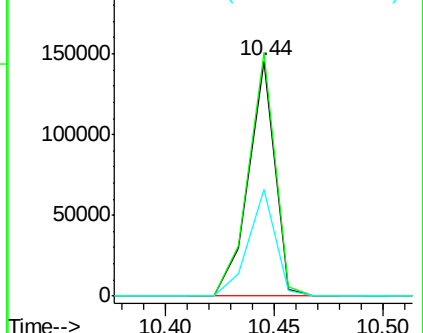


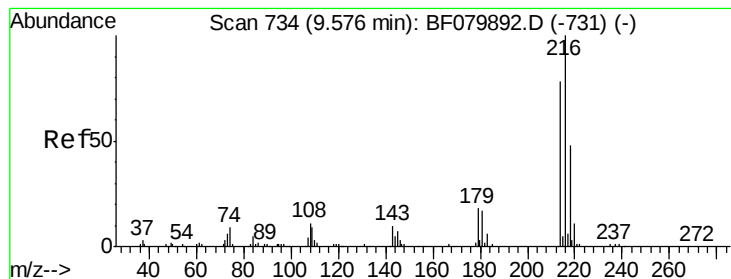
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.44 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.7	121.1
160	45.4	34.6	51.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.13 ng

RT: 9.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

Tgt Ion:216 Resp: 127872

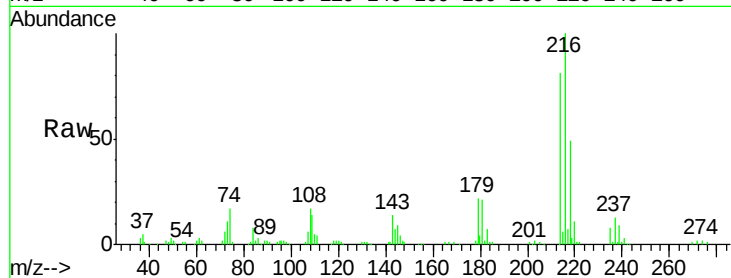
Ion Ratio Lower Upper

216 100

214 80.2 63.5 95.3

179 21.2 15.8 23.8

108 19.2 13.7 20.5

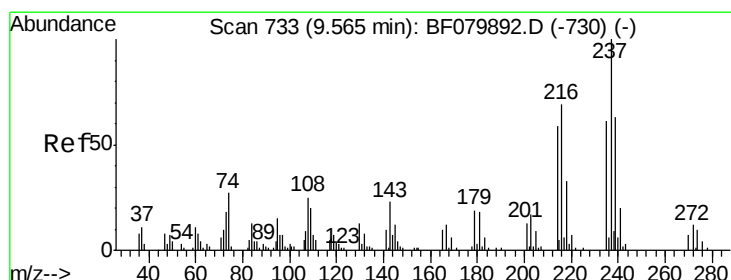
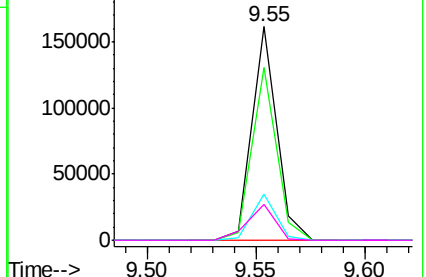
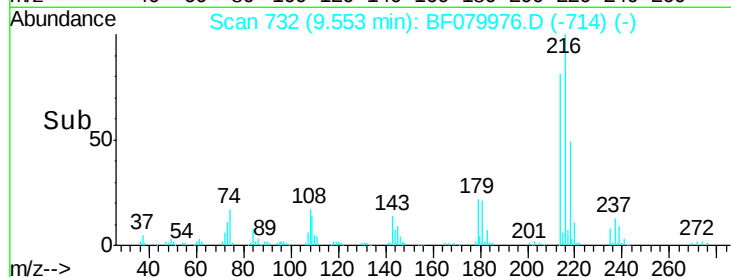


Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.39 ng

RT: 9.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

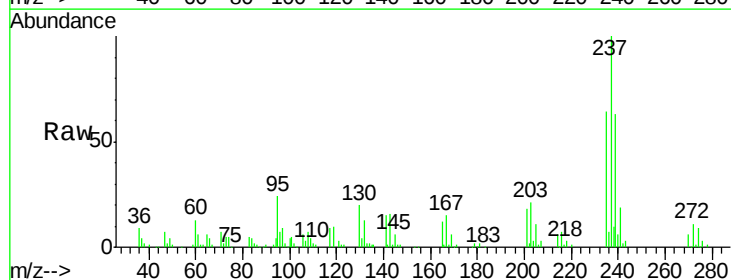
Tgt Ion:237 Resp: 82217

Ion Ratio Lower Upper

237 100

235 63.7 41.3 81.3

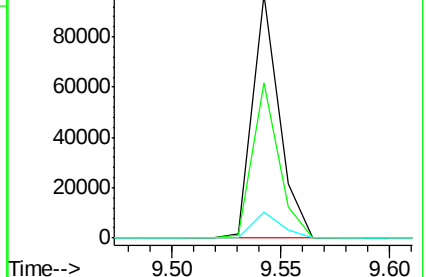
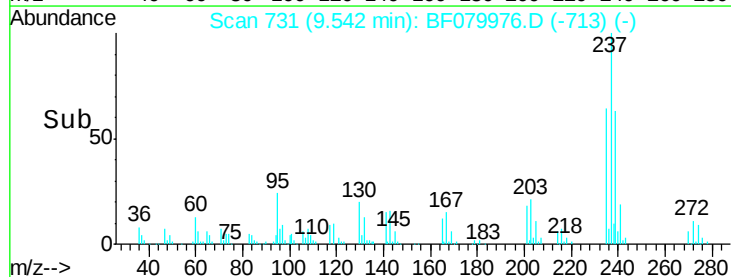
272 10.8 0.0 32.2

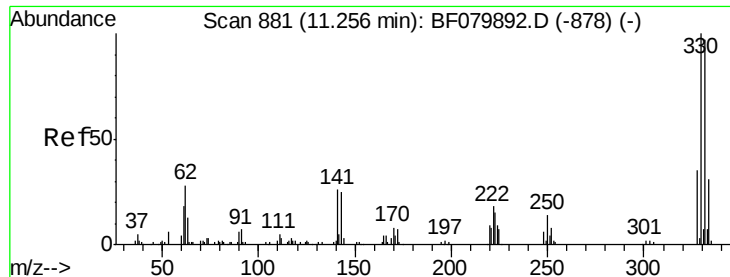


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

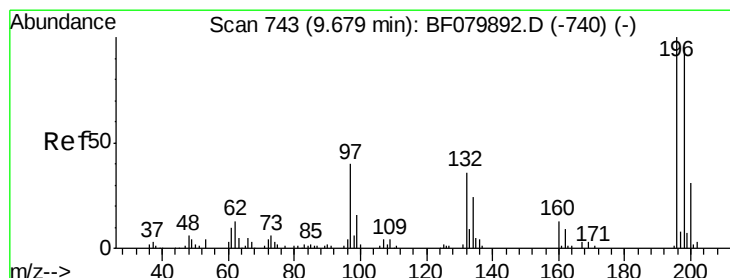
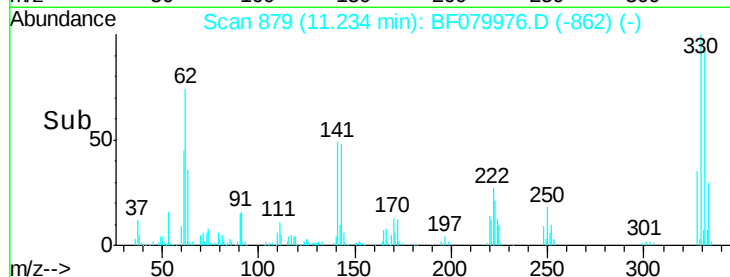
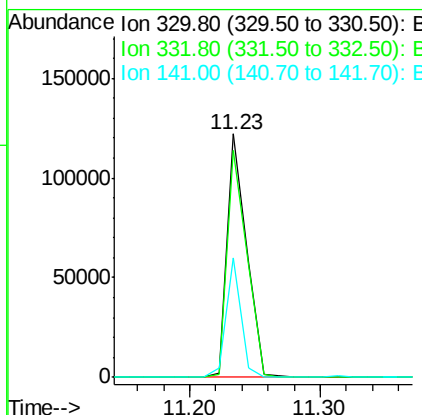
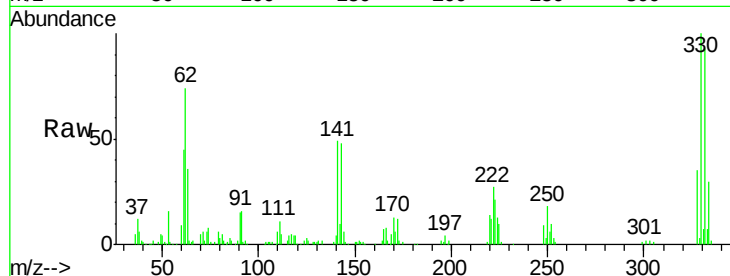




#41
 2,4,6-Tribromophenol
 Concen: 102.59 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

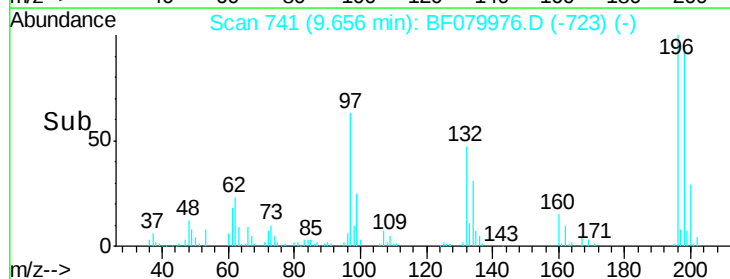
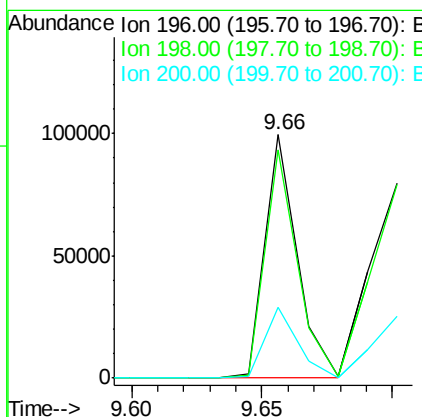
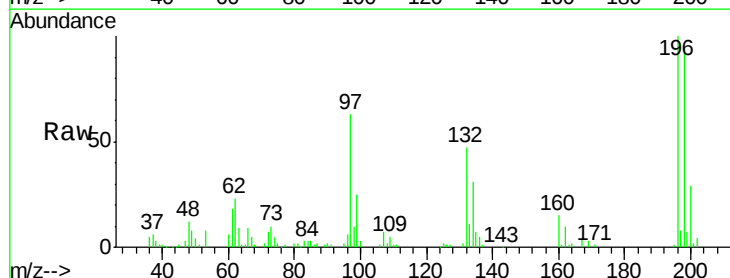
Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

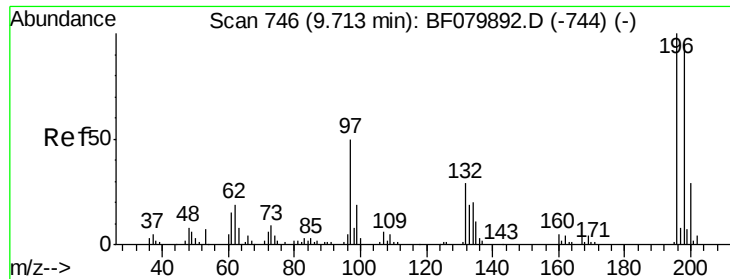
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.3	115.9
141	38.0	26.8	40.2



#42
 2,4,6-Trichlorophenol
 Concen: 33.34 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.0	114.0
200	29.1	24.9	37.3

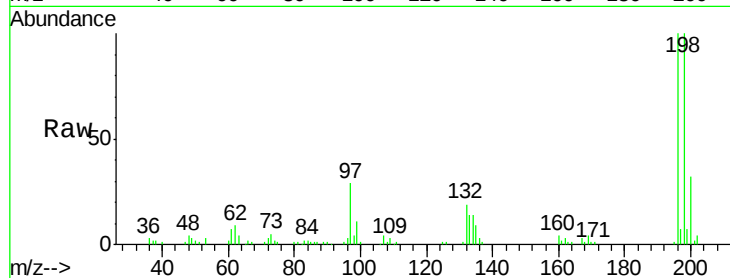




#43
 2,4,5-Trichlorophenol
 Concen: 31.18 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	76.0	114.0
97	28.9	39.4	59.2#
132	19.5	23.6	35.4#



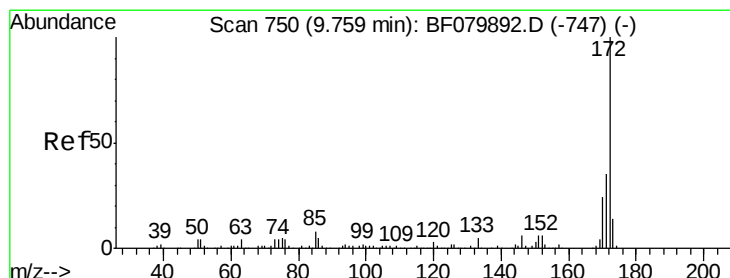
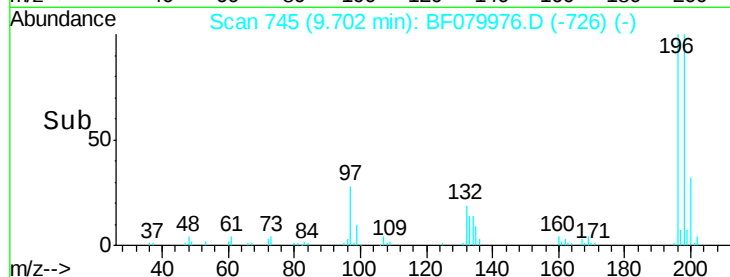
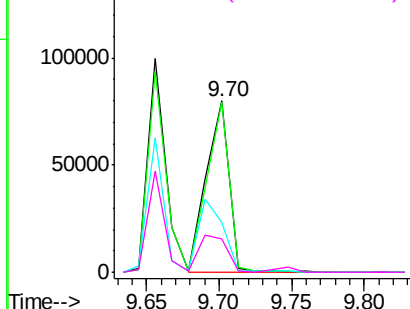
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

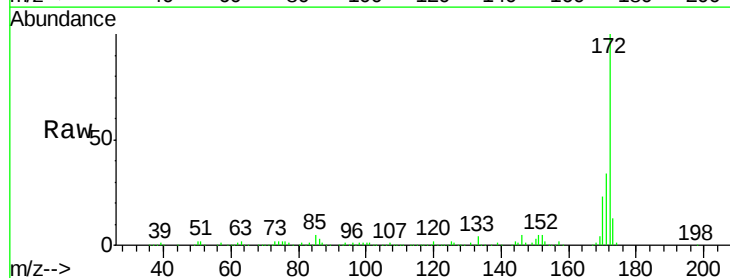
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 61.90 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.3	42.5
170	23.3	19.0	28.4

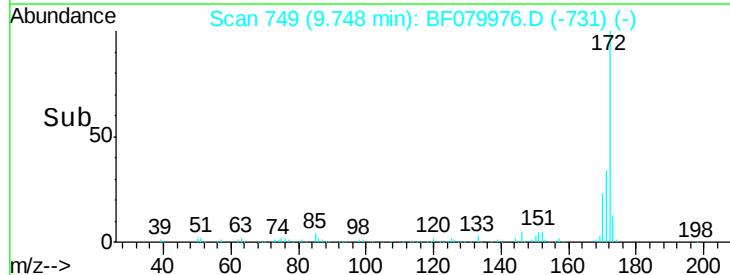
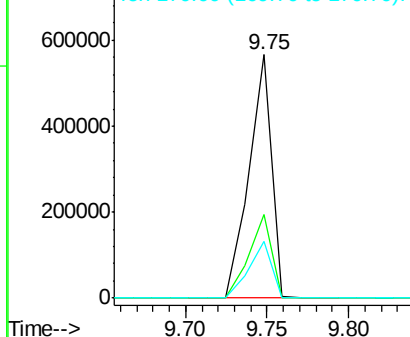


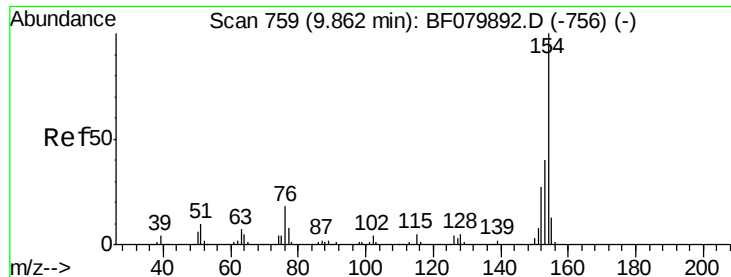
Abundance

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

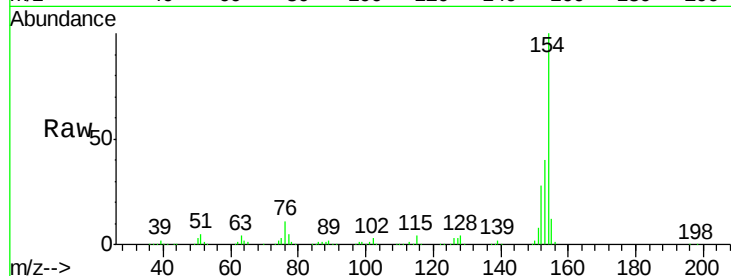




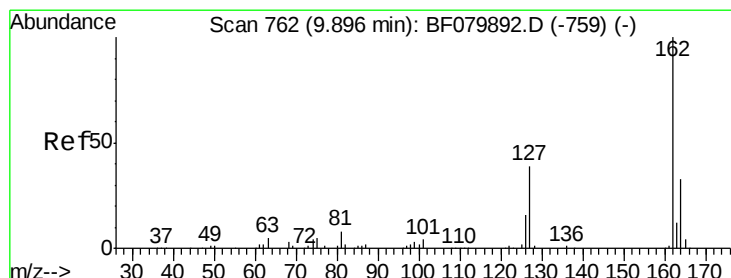
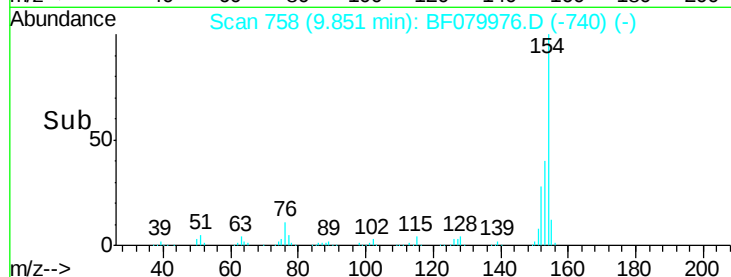
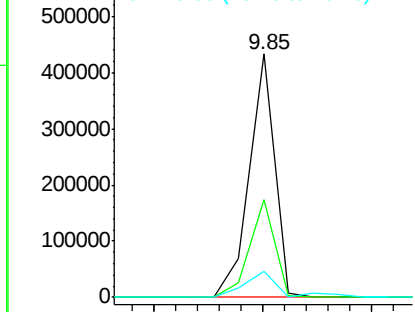
#45
 1,1'-Biphenyl
 Concen: 35.32 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

Tgt Ion:	154	Resp:	350596
Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.1	60.1
76	10.7	0.0	38.4

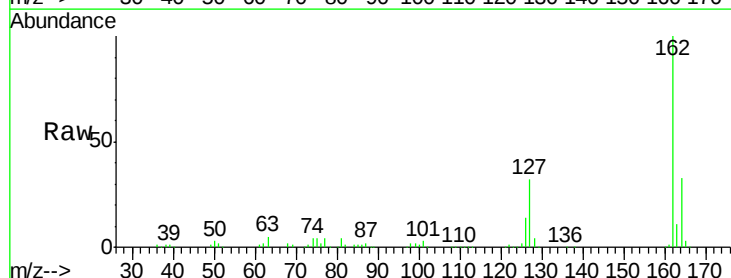


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

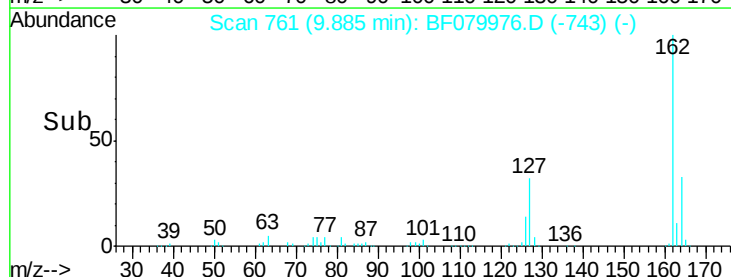
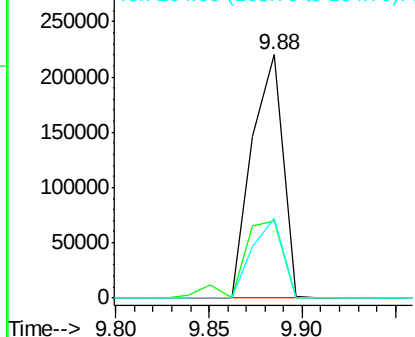


#46
 2-Chloronaphthalene
 Concen: 29.96 ng
 RT: 9.88 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion:	162	Resp:	253202
Ion	Ratio	Lower	Upper
162	100		
127	31.6	33.1	49.7#
164	32.5	26.2	39.4



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: 36.59 ng

RT: 9.96 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

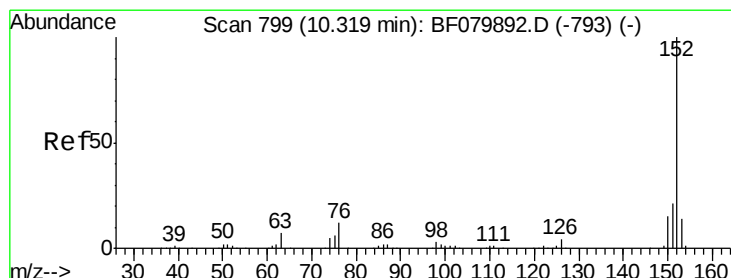
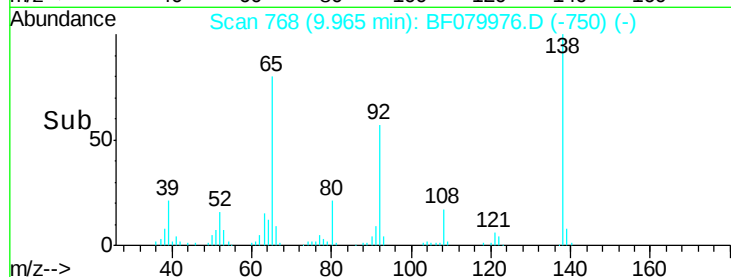
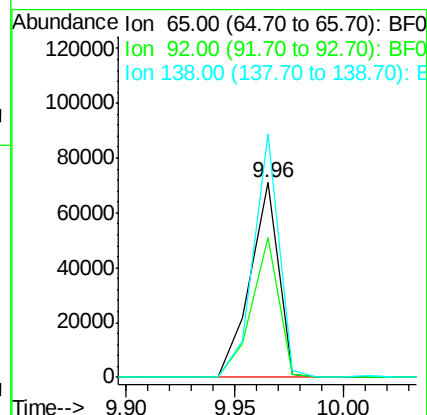
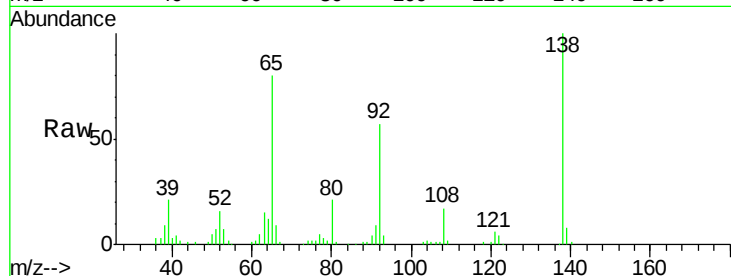
Tgt Ion: 65 Resp: 64393

Ion Ratio Lower Upper

65 100

92 71.7 51.1 76.7

138 125.2 62.0 93.0#



#48

Acenaphthylene

Concen: 30.16 ng

RT: 10.31 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

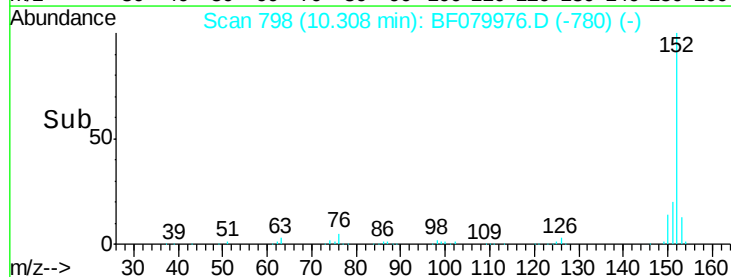
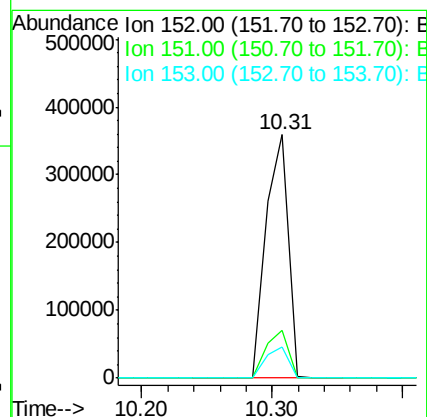
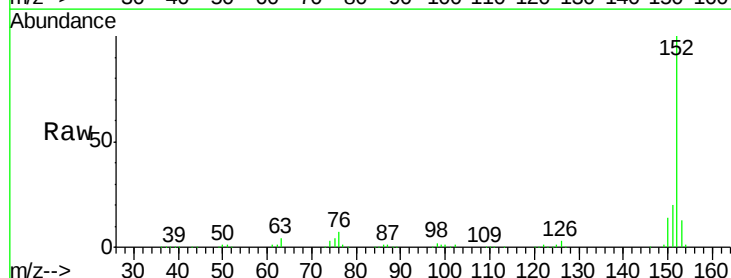
Tgt Ion: 152 Resp: 430173

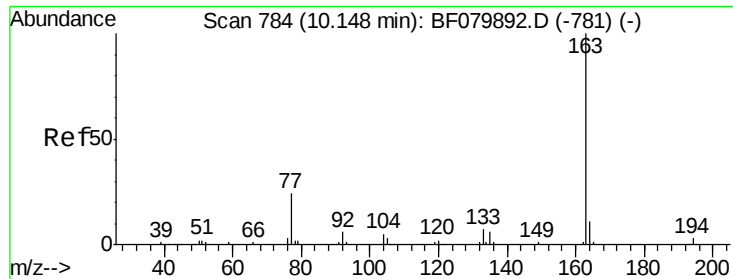
Ion Ratio Lower Upper

152 100

151 19.6 16.8 25.2

153 12.5 10.8 16.2

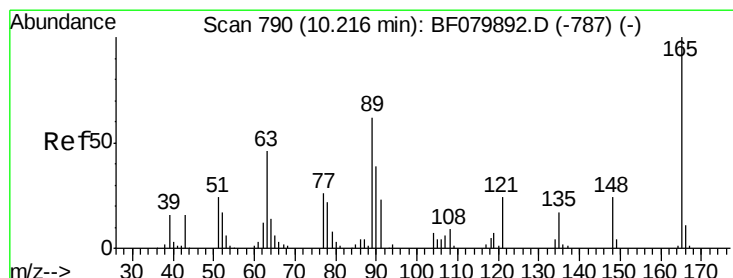
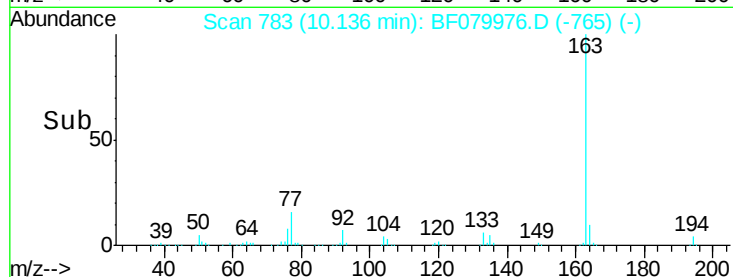
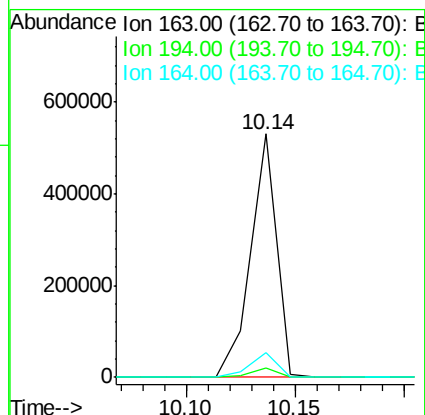
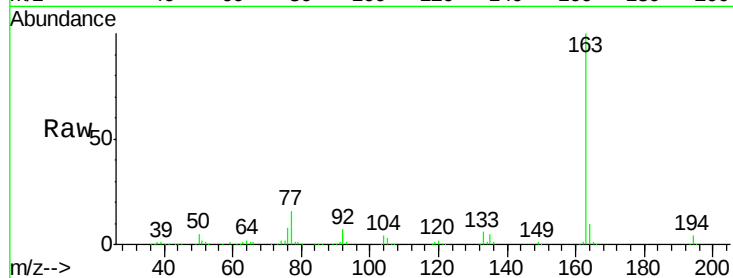




#49
Dimethylphthalate
Concen: 44.53 ng
RT: 10.14 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

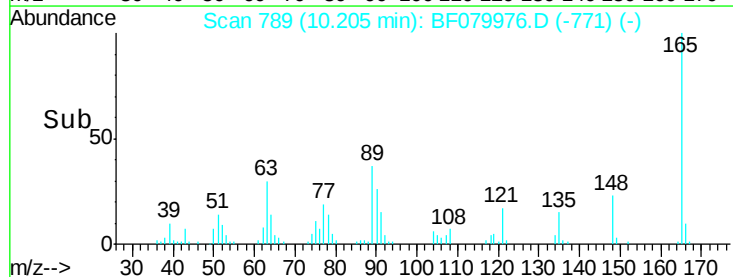
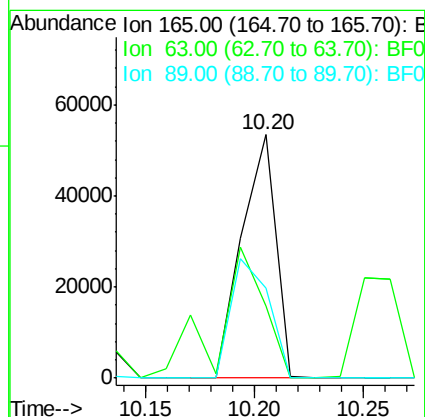
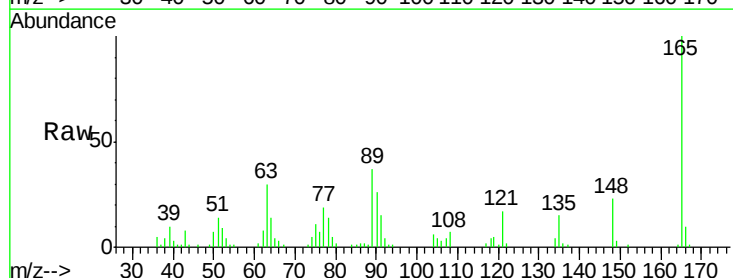
Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10MSD

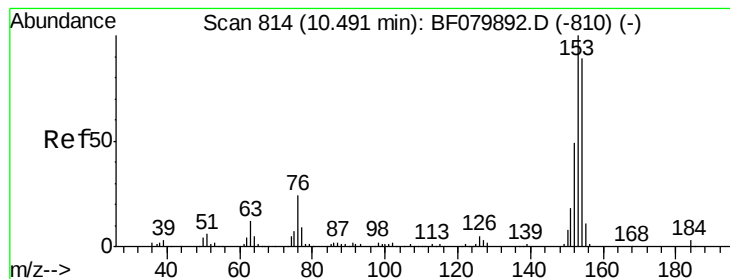
Tgt Ion:163 Resp: 437584
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.0 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 33.27 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion:165 Resp: 57947
Ion Ratio Lower Upper
165 100
63 29.7 46.4 69.6#
89 36.8 49.6 74.4#





#51

Acenaphthene

Concen: 32.71 ng

RT: 10.48 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

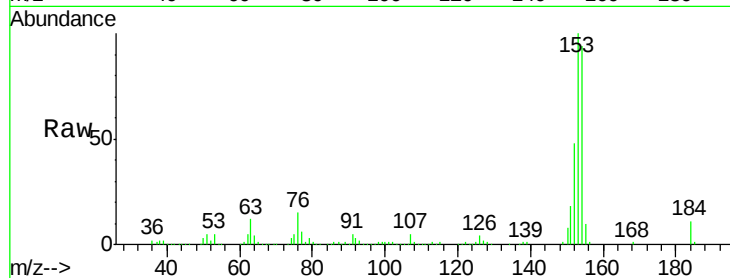
Tgt Ion:154 Resp: 265235

Ion Ratio Lower Upper

154 100

153 106.8 90.0 135.0

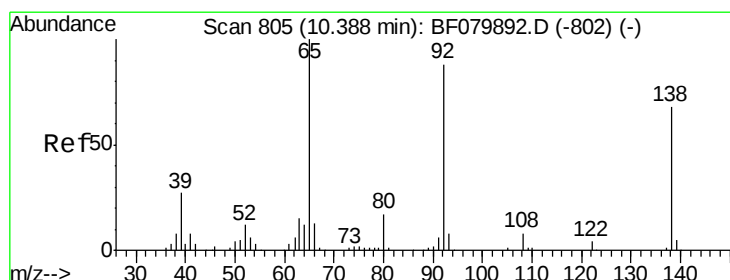
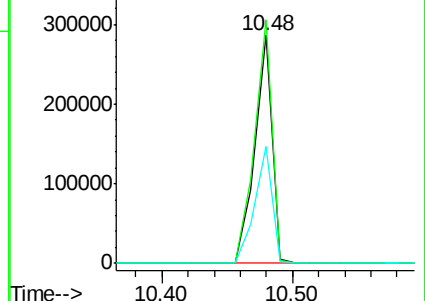
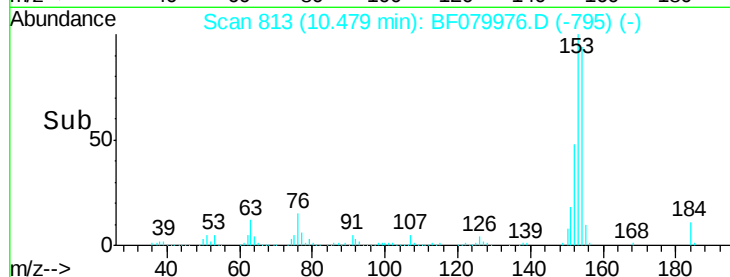
152 51.1 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.75 ng

RT: 10.38 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

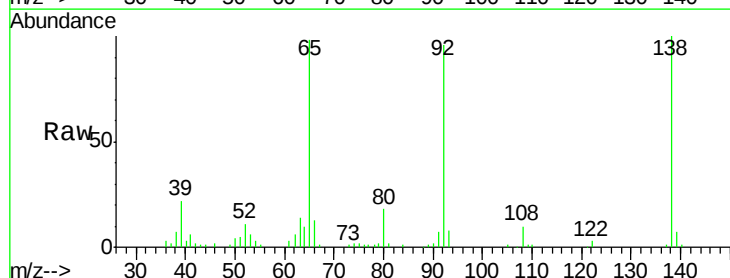
Tgt Ion:138 Resp: 69363

Ion Ratio Lower Upper

138 100

108 10.5 9.0 13.6

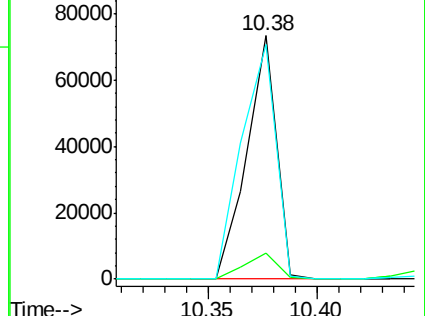
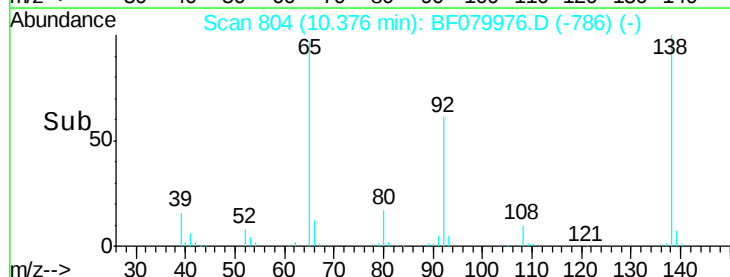
92 96.2 103.1 154.7#

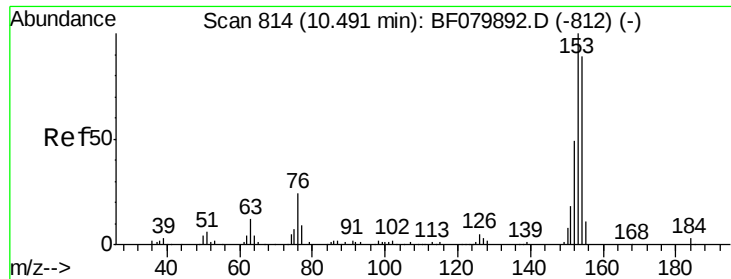


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

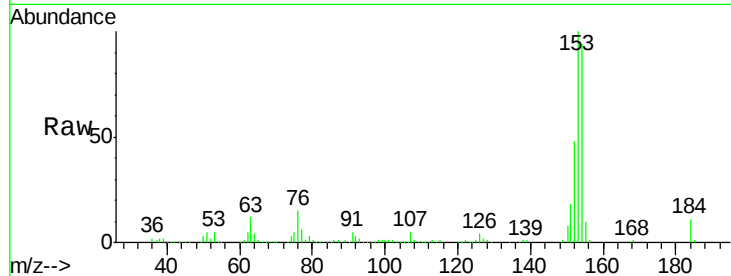




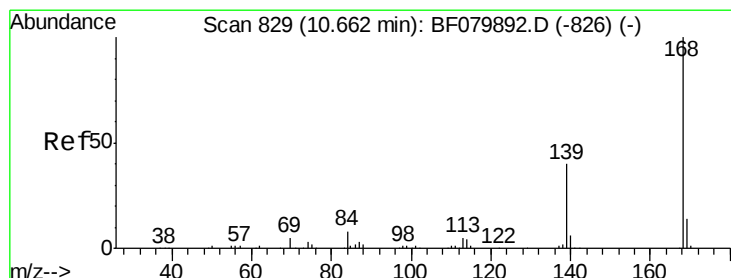
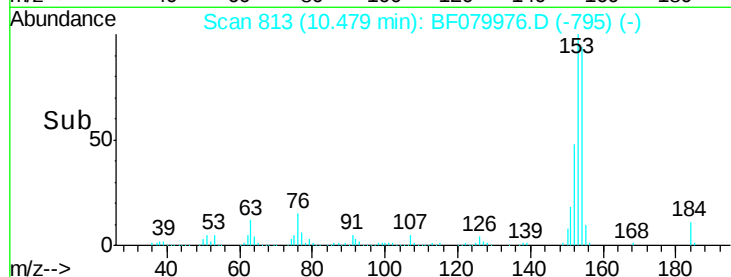
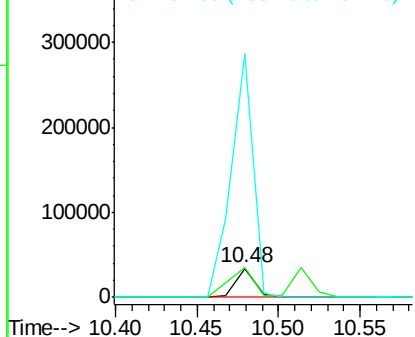
#53
2,4-Dinitrophenol
Concen: 76.73 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10MSD

Tgt Ion:184 Resp: 27680
Ion Ratio Lower Upper
184 100
63 103.4 357.0 535.4#
154 839.4 2660.2 3990.4#

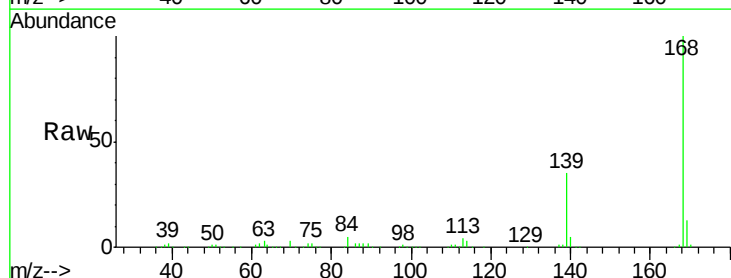


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

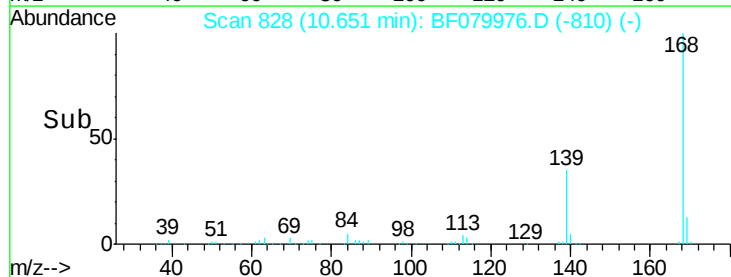
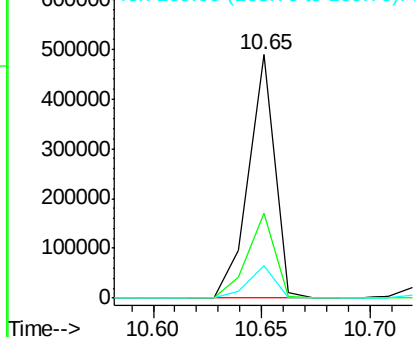


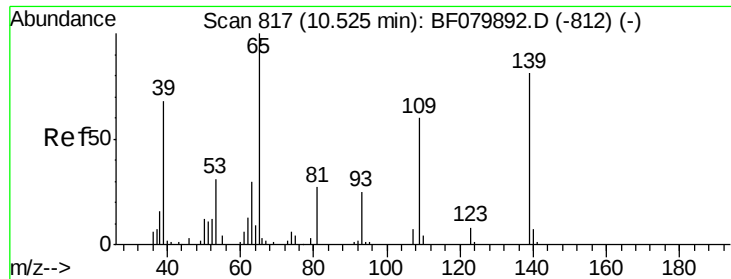
#54
Dibenzofuran
Concen: 34.44 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion:168 Resp: 408024
Ion Ratio Lower Upper
168 100
139 34.7 32.2 48.2
169 13.3 11.0 16.6



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

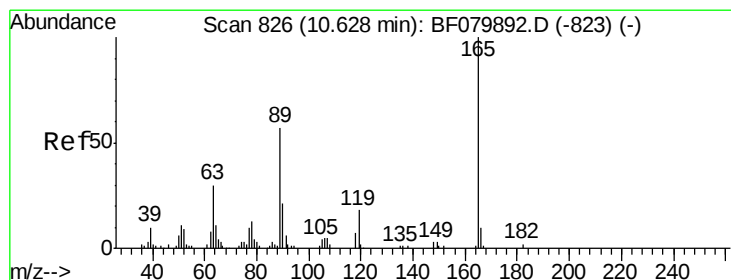
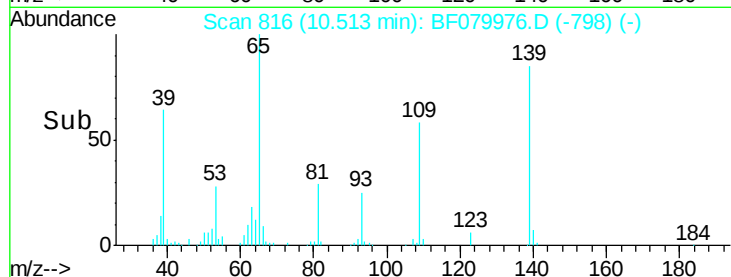
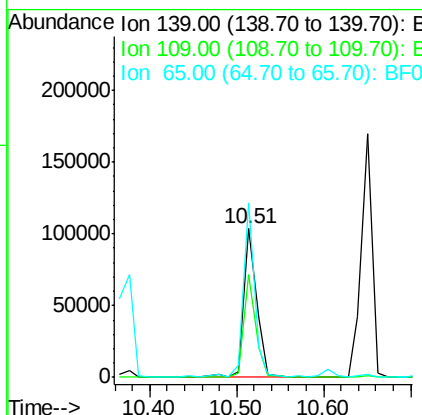
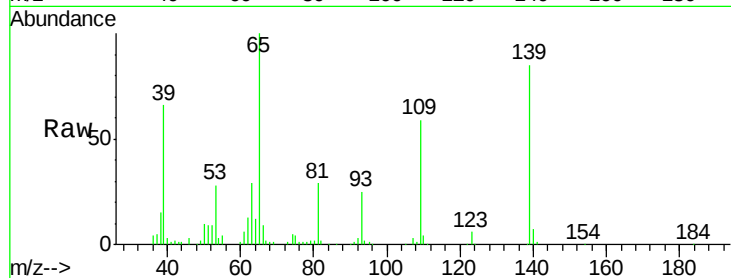




#55
4-Nitrophenol
Concen: 68.53 ng
RT: 10.51 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

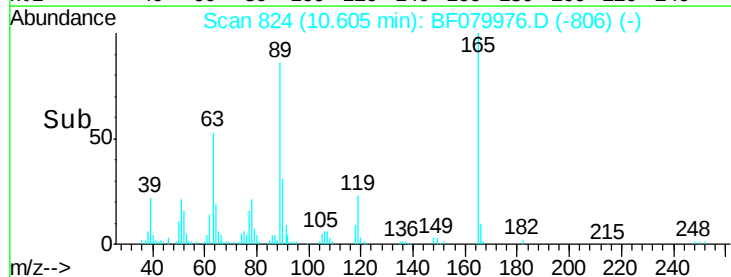
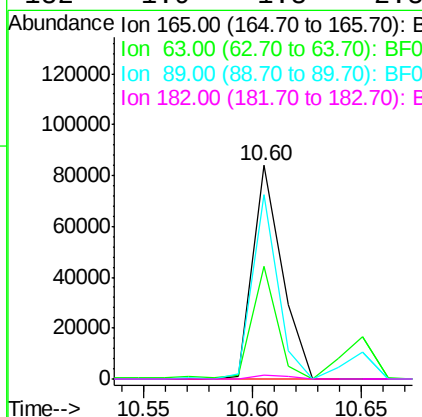
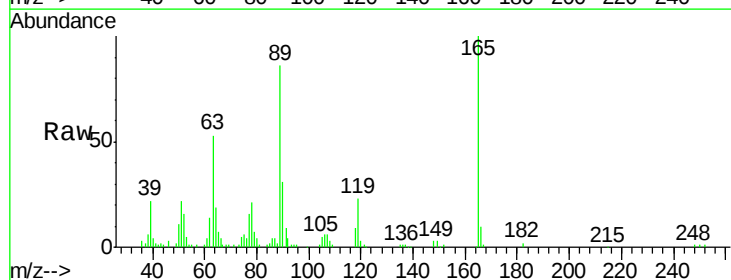
Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10MSD

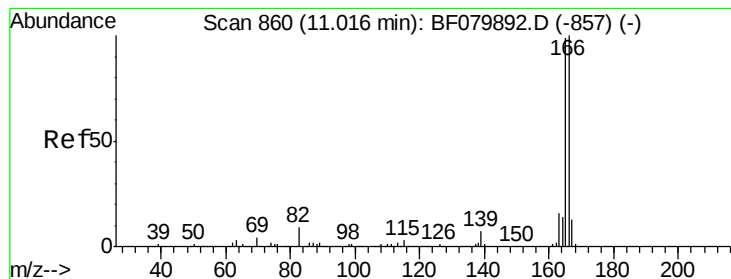
Tgt Ion:139 Resp: 106892
Ion Ratio Lower Upper
139 100
109 69.0 54.8 94.8
65 117.1 104.8 144.8



#56
2,4-Dinitrotoluene
Concen: 34.53 ng
RT: 10.60 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion:165 Resp: 78616
Ion Ratio Lower Upper
165 100
63 52.6 24.3 36.5#
89 86.4 45.4 68.2#
182 1.9 1.8 2.8





#57

Fluorene

Concen: 32.25 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

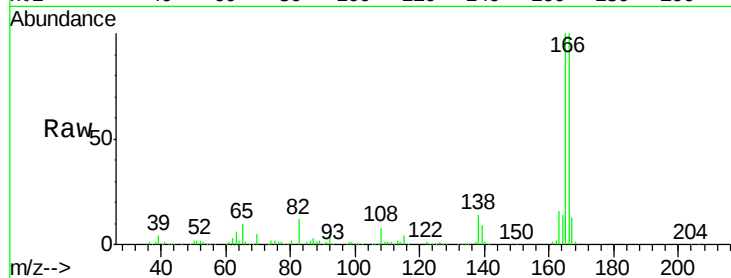
Tgt Ion:166 Resp: 332952

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.6

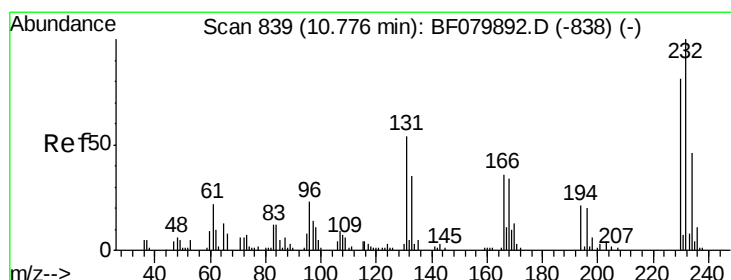
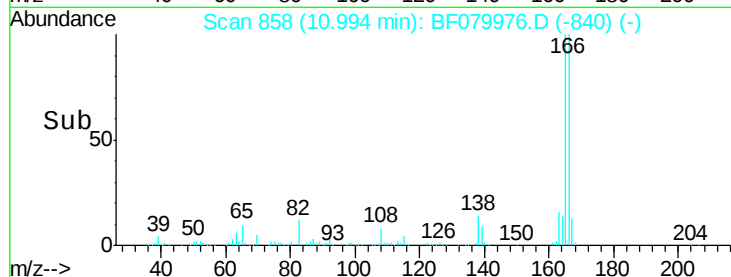
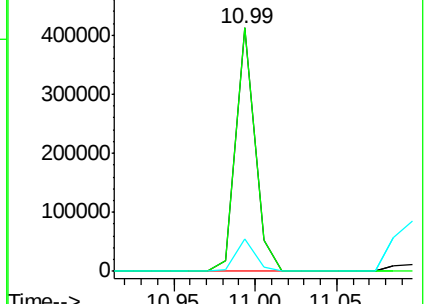
167 13.5 10.3 15.5



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: 36.95 ng

RT: 10.76 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Tgt Ion:232 Resp: 78245

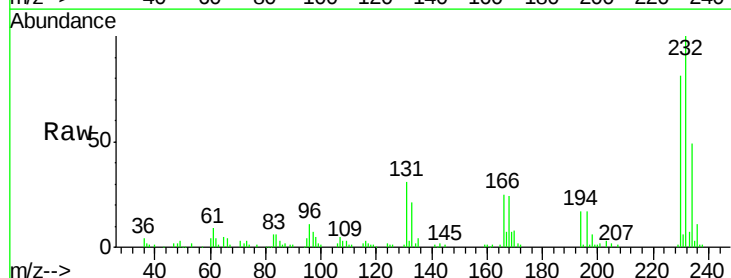
Ion Ratio Lower Upper

232 100

131 40.3 35.4 53.2

130 1.9 1.5 2.3

166 28.4 24.1 36.1

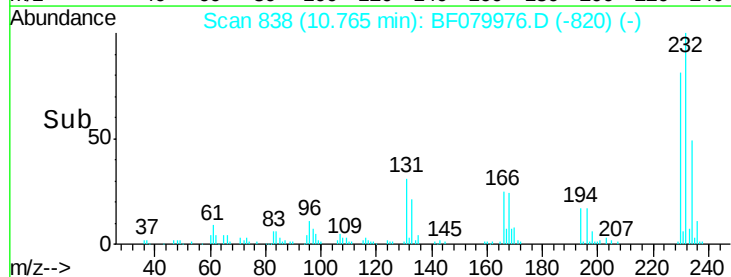
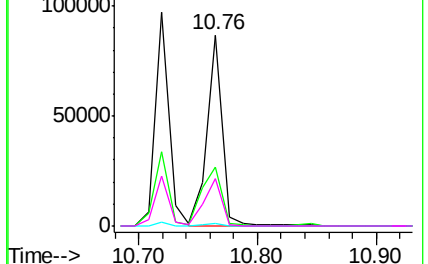


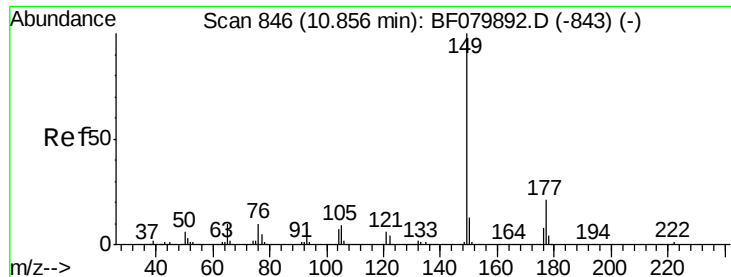
Abundance Ion 232.00 (231.70 to 232.70): E

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

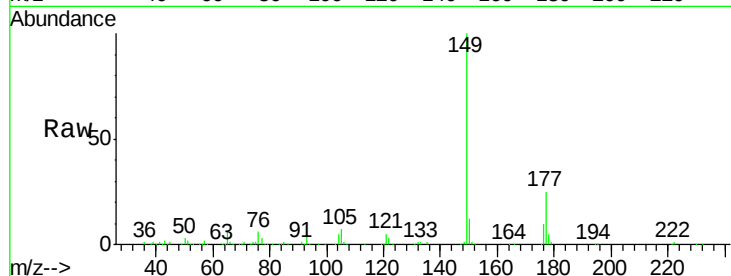




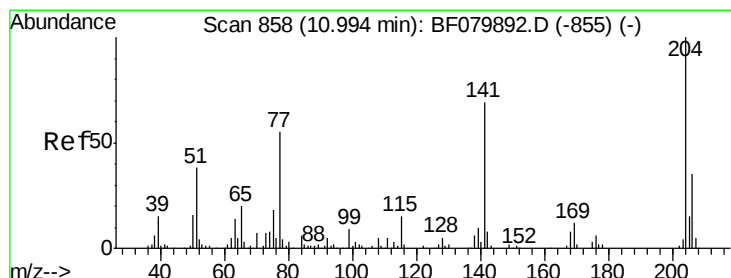
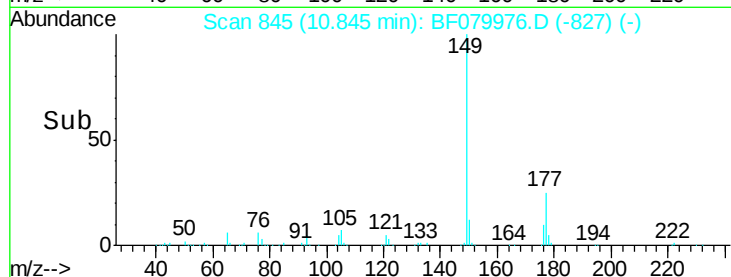
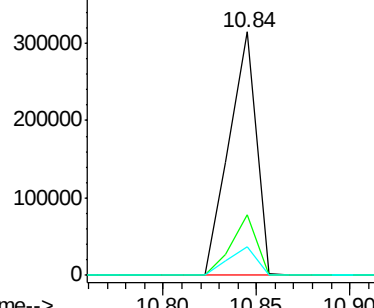
#59
Diethylphthalate
Concen: 32.27 ng
RT: 10.84 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10MSD

Tgt Ion:149 Resp: 317026
Ion Ratio Lower Upper
149 100
177 25.1 16.9 25.3
150 11.8 10.4 15.6

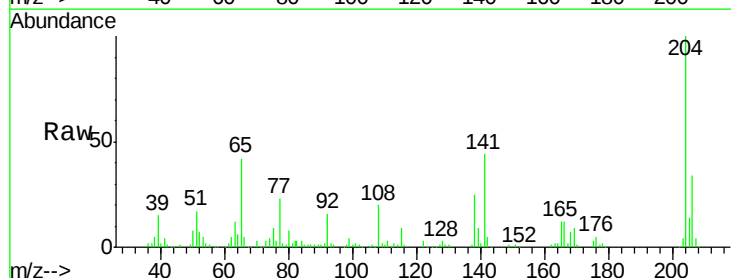


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

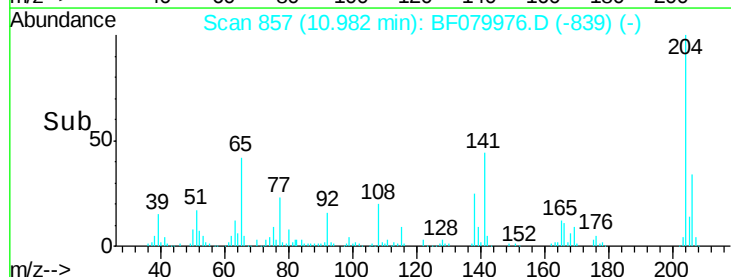
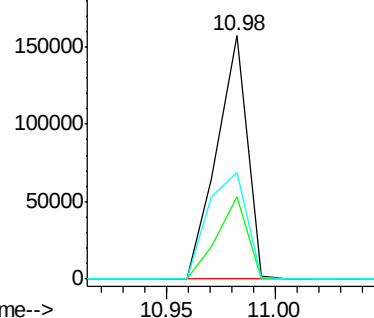


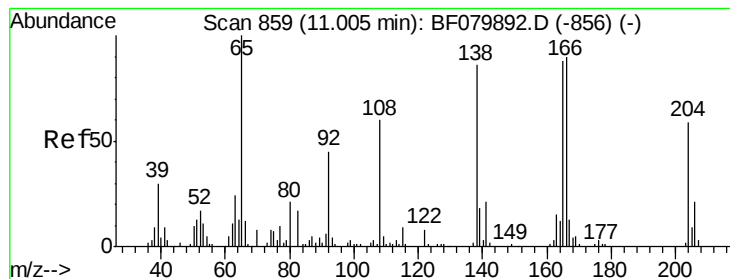
#60
4-Chlorophenyl-phenylether
Concen: 33.33 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion:204 Resp: 153692
Ion Ratio Lower Upper
204 100
206 33.7 28.0 42.0
141 44.0 55.3 82.9#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.91 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

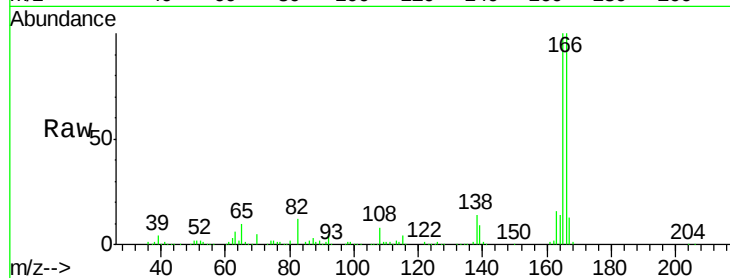
Tgt Ion:138 Resp: 68055

Ion Ratio Lower Upper

138 100

92 36.6 32.9 72.9

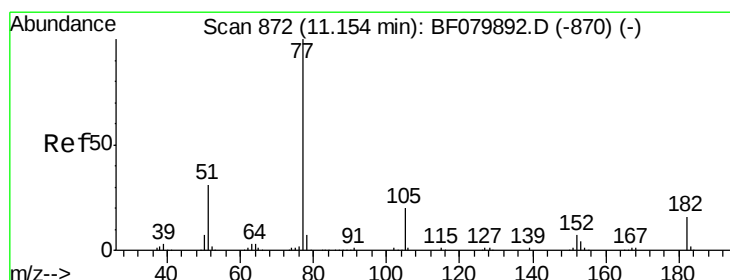
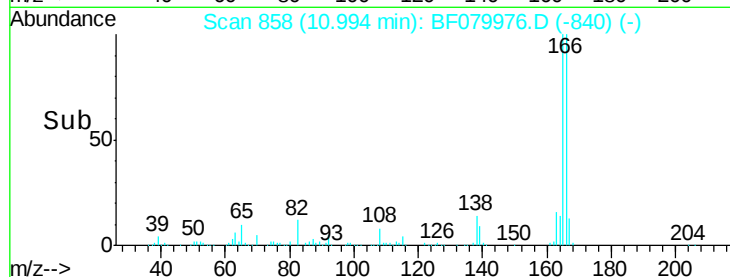
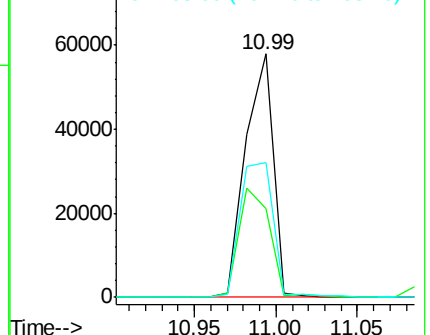
108 55.5 50.4 90.4



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: 32.19 ng

RT: 11.14 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Tgt Ion: 77 Resp: 304252

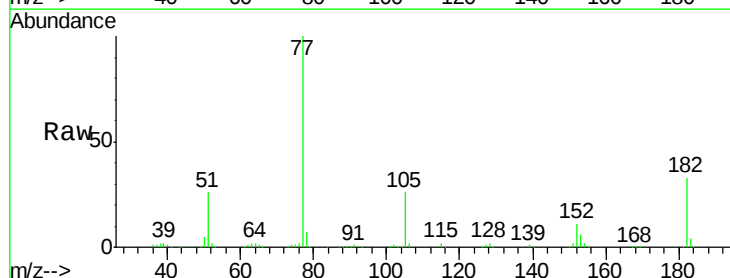
Ion Ratio Lower Upper

77 100

182 32.9 0.0 35.9

105 25.7 0.1 40.1

51 25.8 11.5 51.5

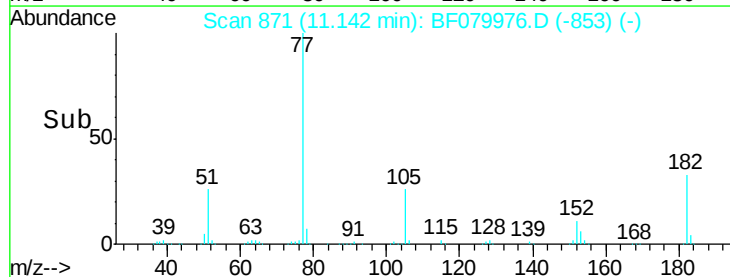
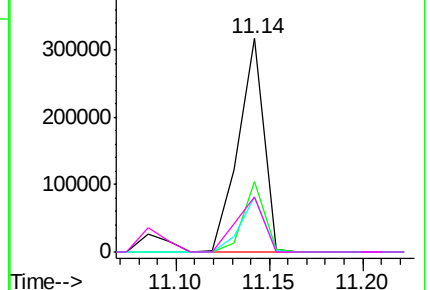


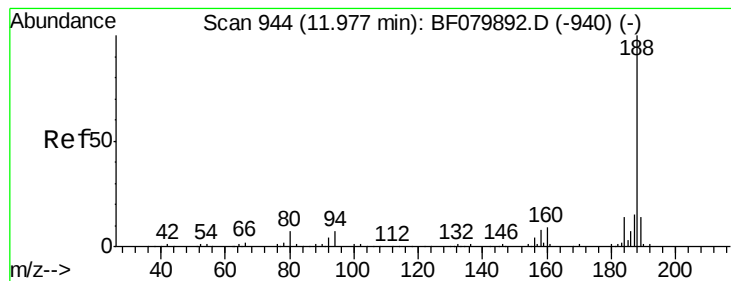
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.95 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

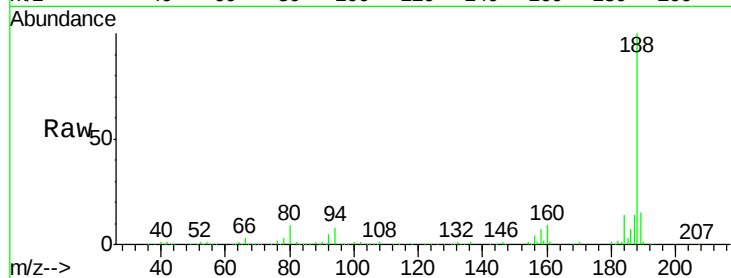
Tgt Ion:188 Resp: 270479

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.8

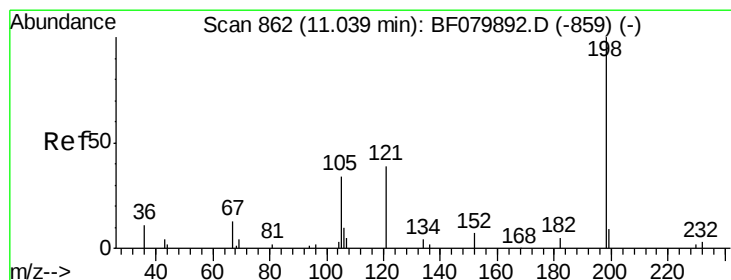
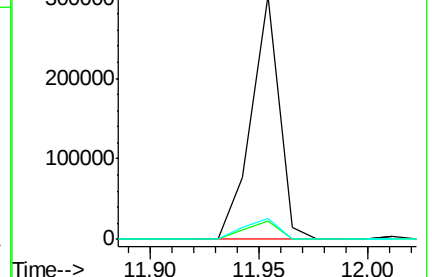
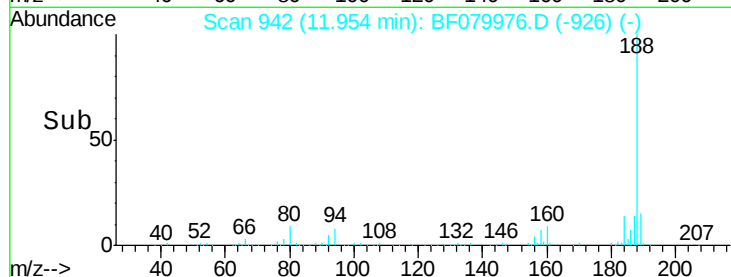
80 8.7 5.9 8.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.51 ng

RT: 11.03 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

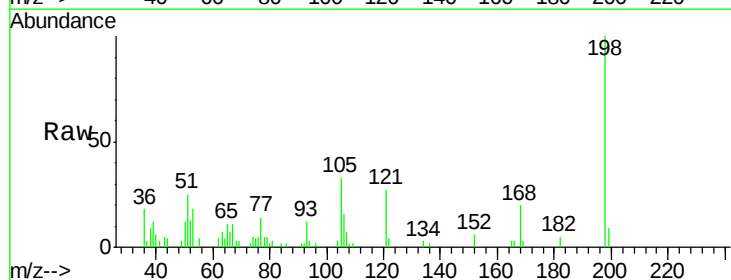
Tgt Ion:198 Resp: 19476

Ion Ratio Lower Upper

198 100

51 25.1 22.1 62.1

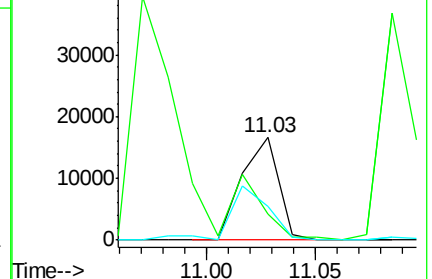
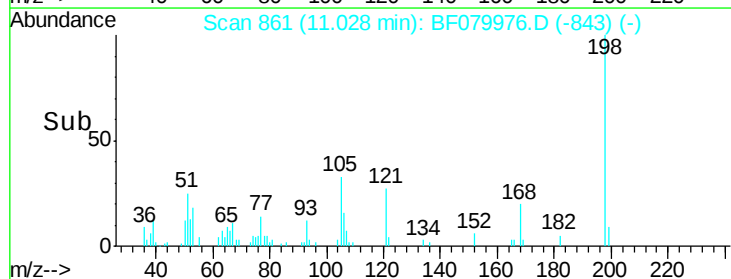
105 32.8 22.7 62.7

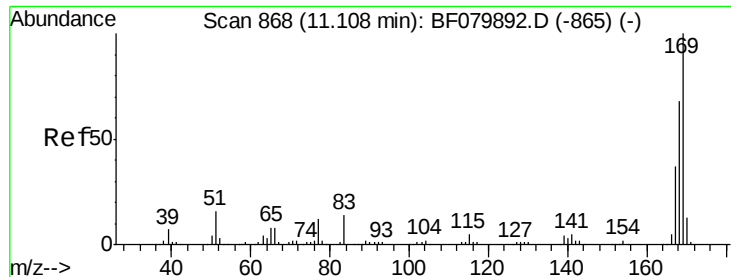


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

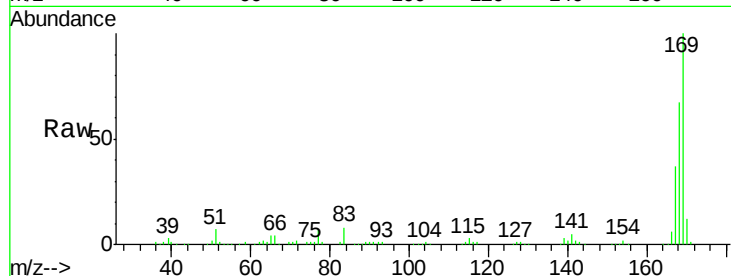




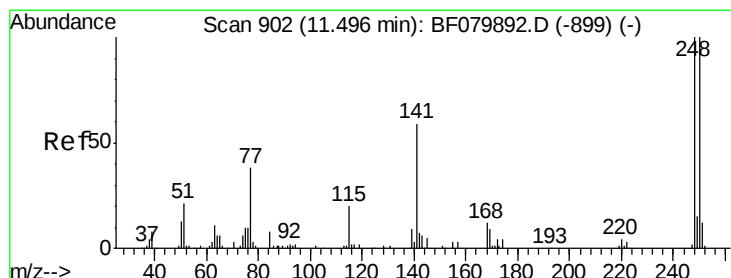
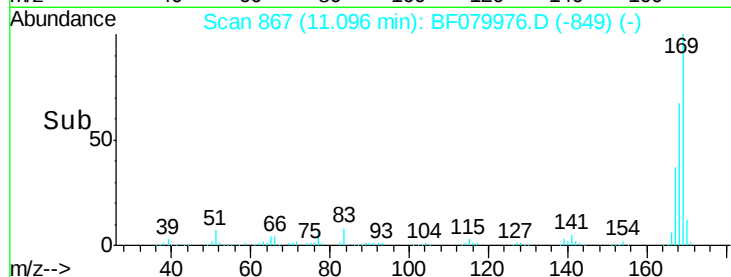
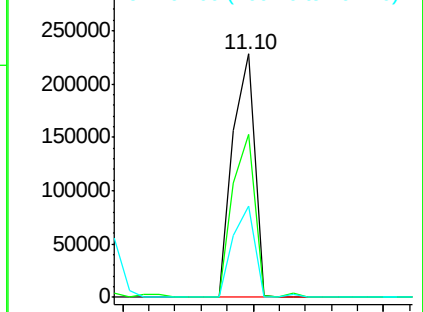
#65
n-Nitrosodiphenylamine
Concen: 30.57 ng
RT: 11.10 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10MSD

Tgt Ion:169 Resp: 266913
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.4
167 37.3 29.7 44.5

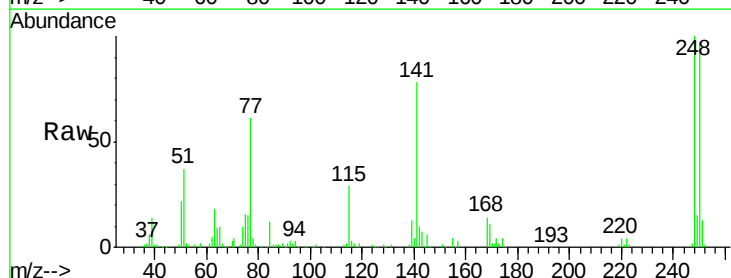


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

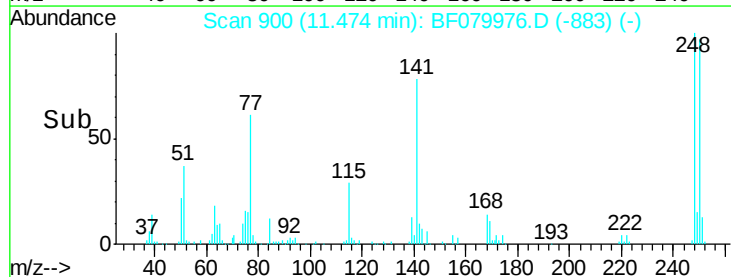
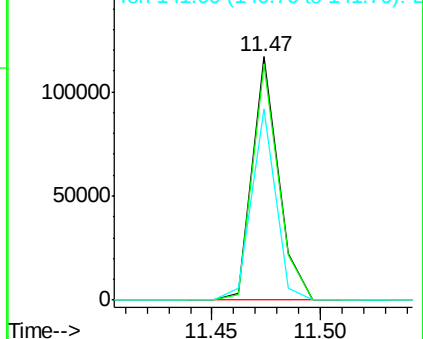


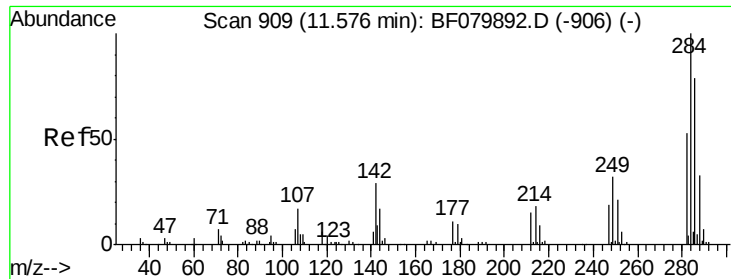
#66
4-Bromophenyl-phenylether
Concen: 32.19 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion:248 Resp: 97567
Ion Ratio Lower Upper
248 100
250 96.9 80.2 120.2
141 78.5 46.9 70.3#



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

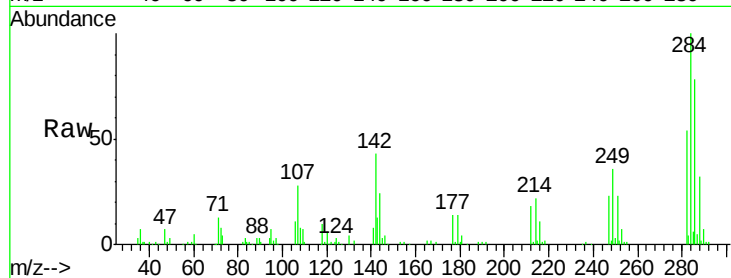




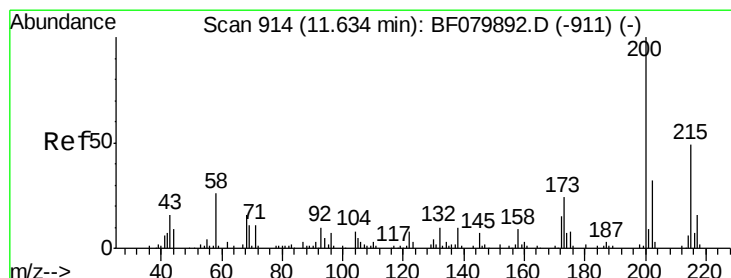
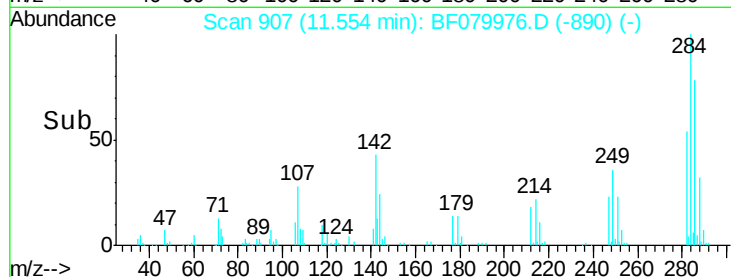
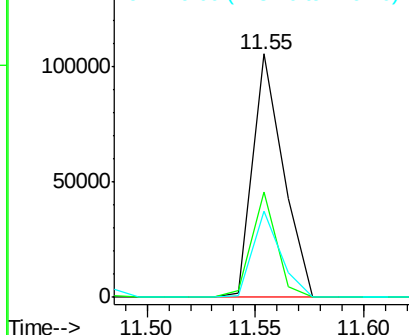
#67
Hexachlorobenzene
Concen: 31.14 ng
RT: 11.55 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10MSD

Tgt Ion:284 Resp: 102977
Ion Ratio Lower Upper
284 100
142 43.4 23.5 35.3#
249 35.6 25.3 37.9

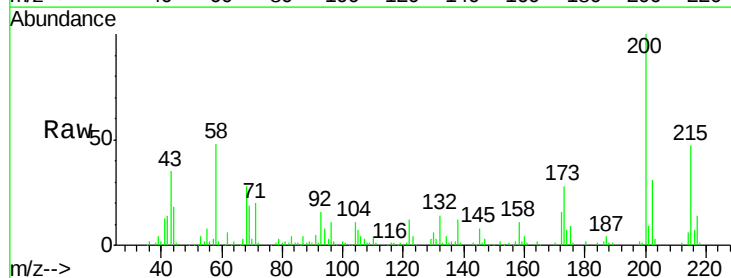


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

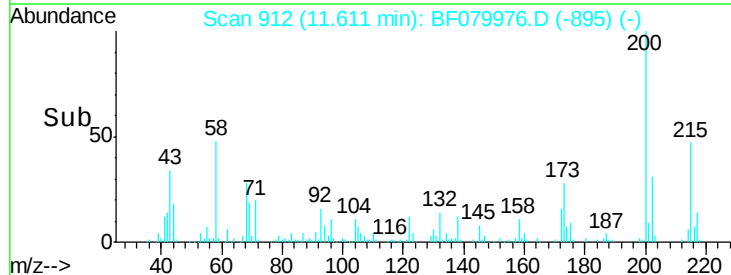
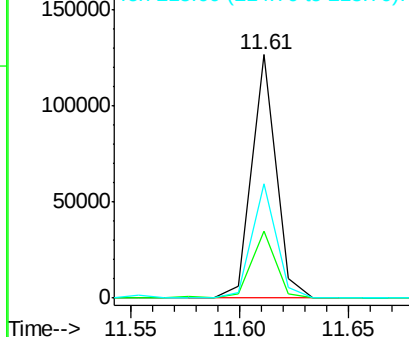


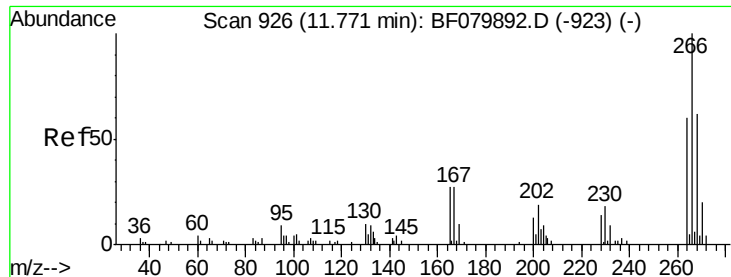
#68
Atrazine
Concen: 36.43 ng
RT: 11.61 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion:200 Resp: 97903
Ion Ratio Lower Upper
200 100
173 27.5 4.1 44.1
215 47.1 29.2 69.2



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

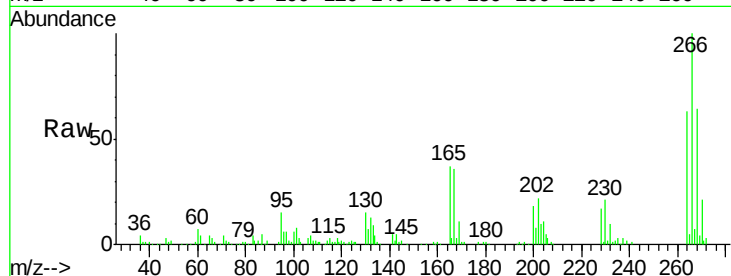




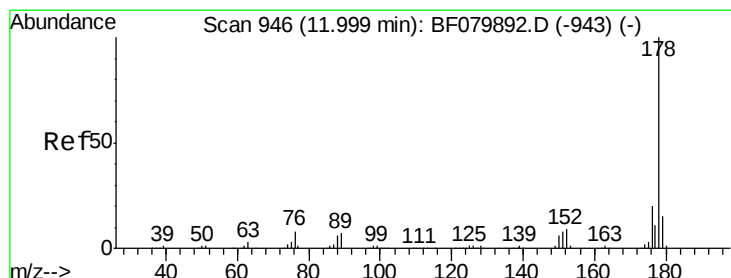
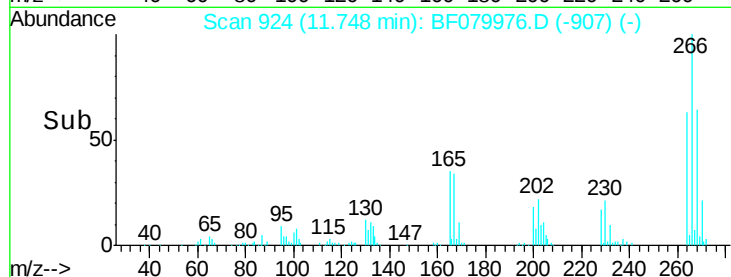
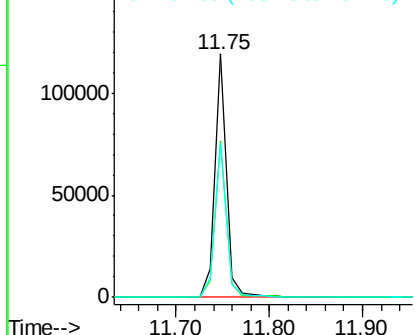
#69
 Pentachlorophenol
 Concen: 67.26 ng
 RT: 11.75 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

Tgt Ion:266 Resp: 102144
 Ion Ratio Lower Upper
 266 100
 268 64.2 49.4 74.2
 264 63.1 47.7 71.5

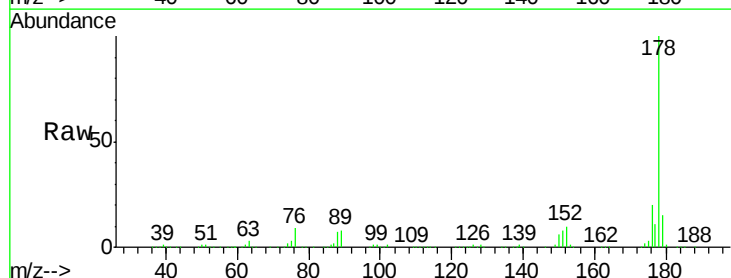


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

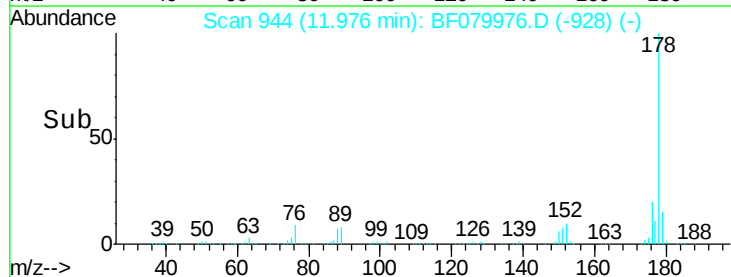
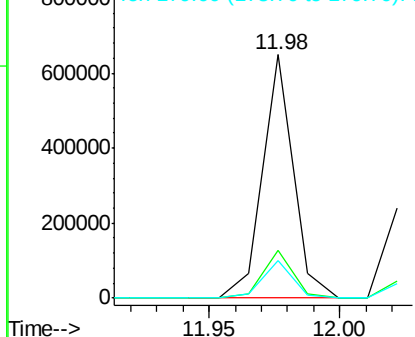


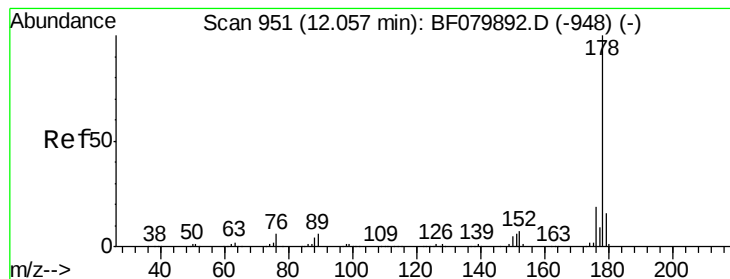
#70
 Phenanthrene
 Concen: 33.33 ng
 RT: 11.98 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion:178 Resp: 537271
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.5 12.3 18.5



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: 33.55 ng

RT: 12.03 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

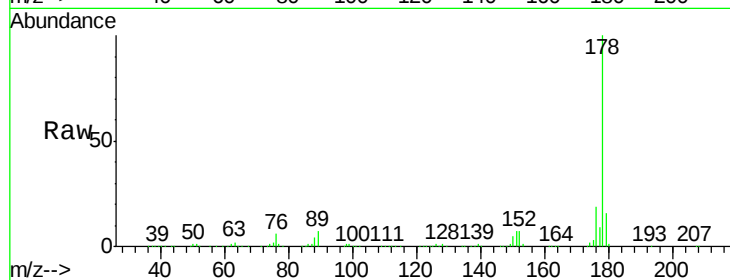
Tgt Ion:178 Resp: 523385

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

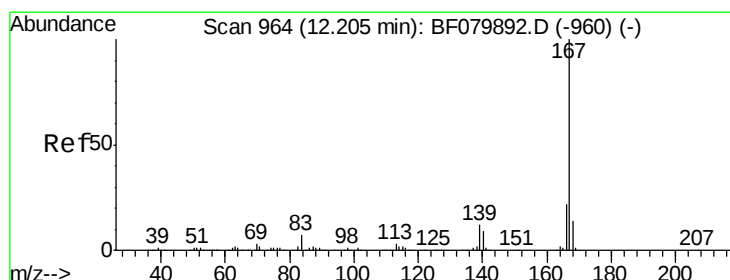
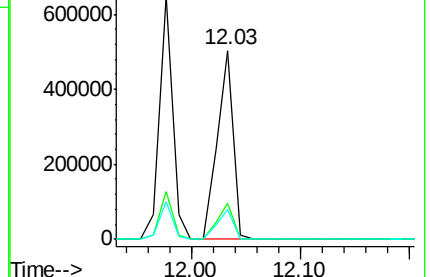
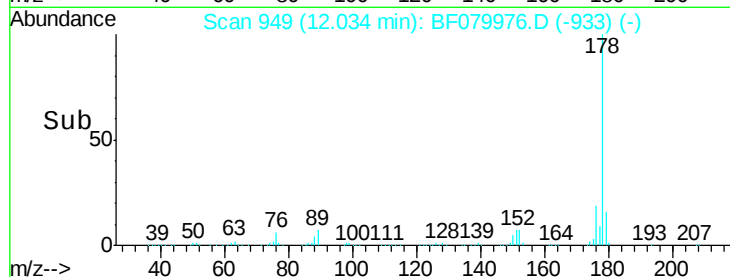
179 15.7 12.5 18.7



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: 31.96 ng

RT: 12.18 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

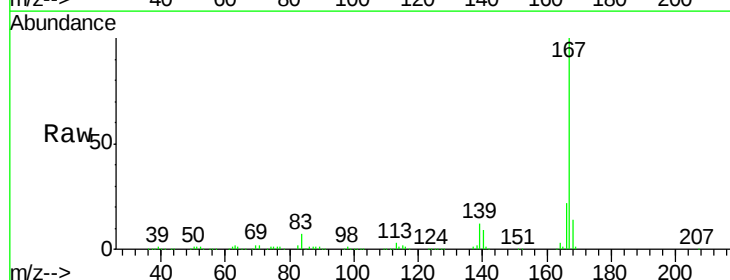
Tgt Ion:167 Resp: 483452

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

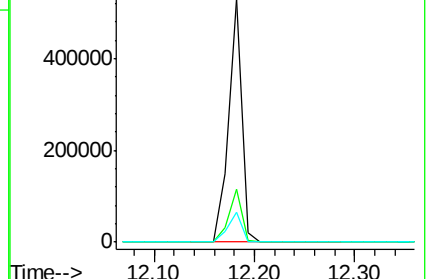
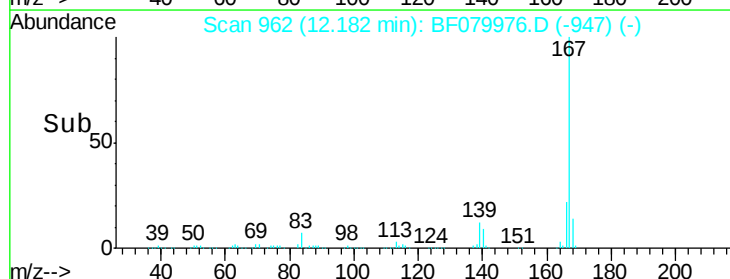
139 12.0 9.5 14.3

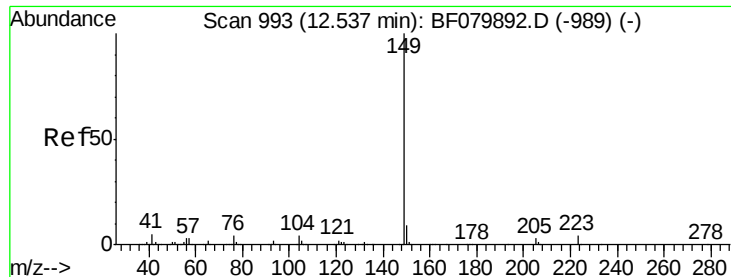


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.68 ng

RT: 12.51 min Scan# 991

Delta R.T. -0.05 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

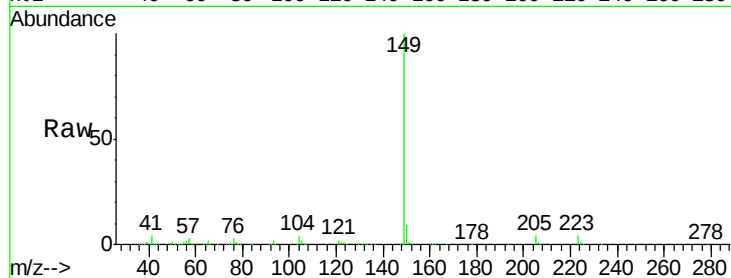
Tgt Ion:149 Resp: 555110

Ion Ratio Lower Upper

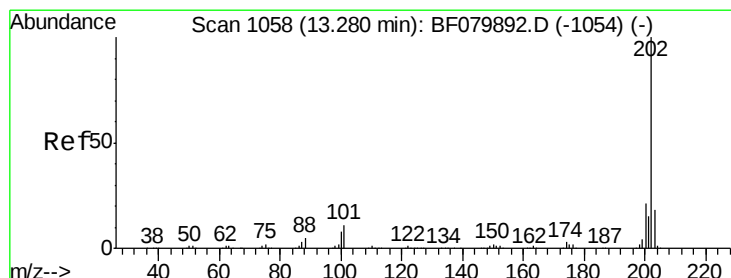
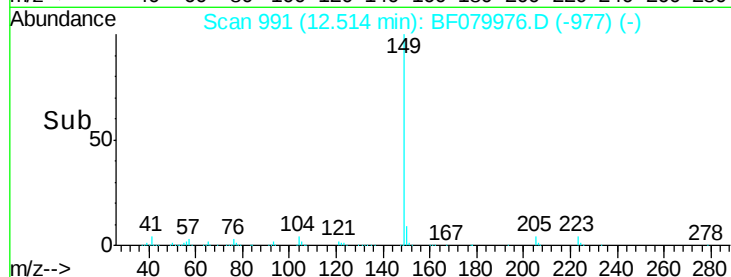
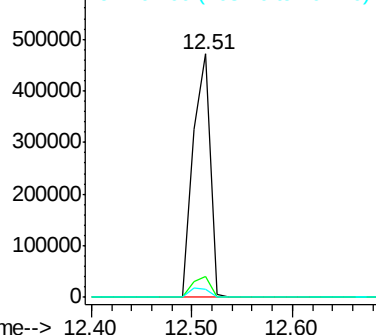
149 100

150 8.6 7.2 10.8

104 3.5 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.89 ng

RT: 13.25 min Scan# 1055

Delta R.T. -0.09 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

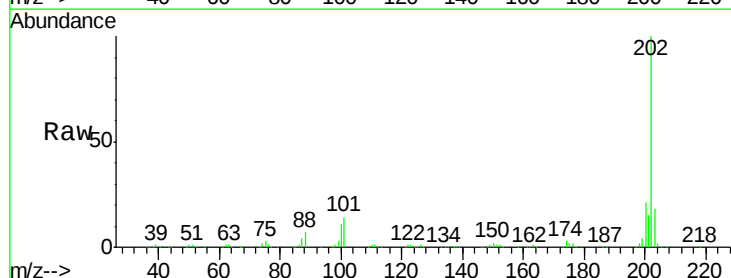
Tgt Ion:202 Resp: 604015

Ion Ratio Lower Upper

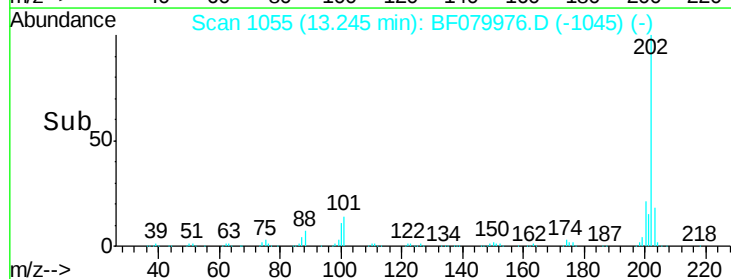
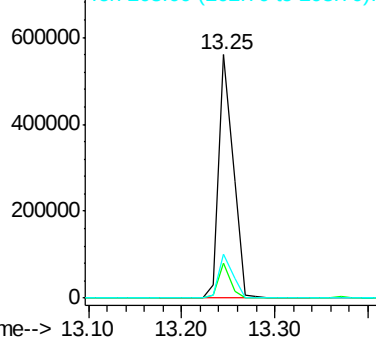
202 100

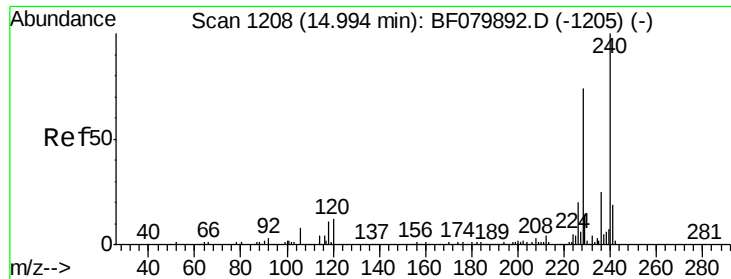
101 14.3 0.0 30.7

203 18.1 0.0 38.0



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: 14.96 min Scan# 1205

Delta R.T. -0.18 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

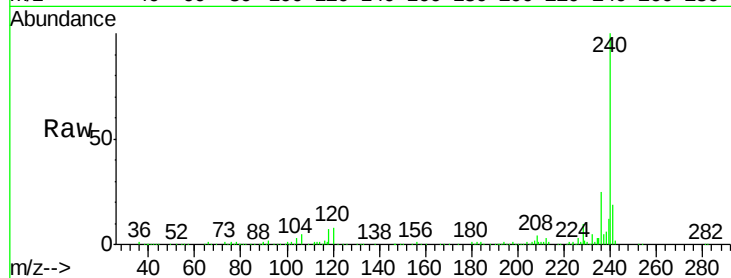
Tgt Ion:240 Resp: 304709

Ion Ratio Lower Upper

240 100

120 7.6 9.4 14.2#

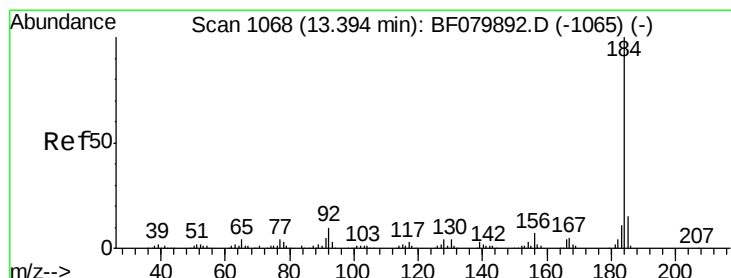
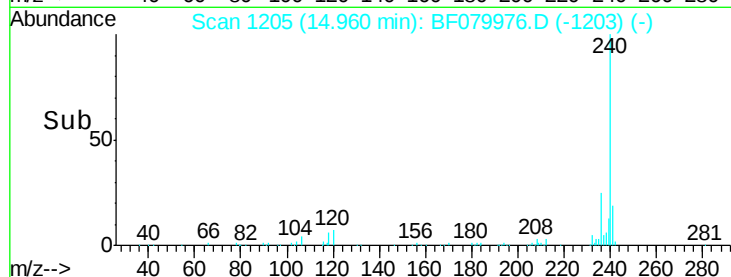
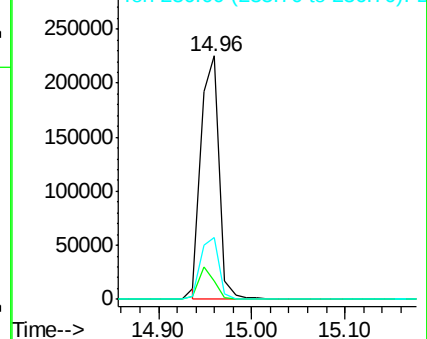
236 25.3 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 62.95 ng

RT: 13.37 min Scan# 1066

Delta R.T. -0.09 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

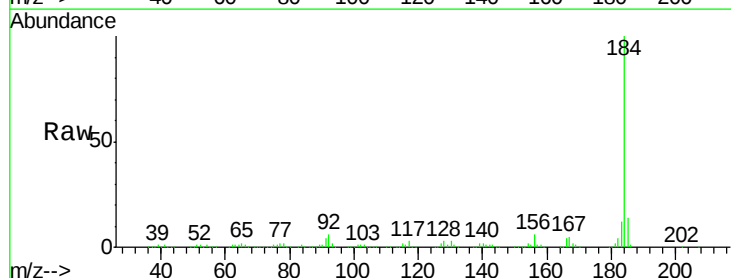
Tgt Ion:184 Resp: 531197

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

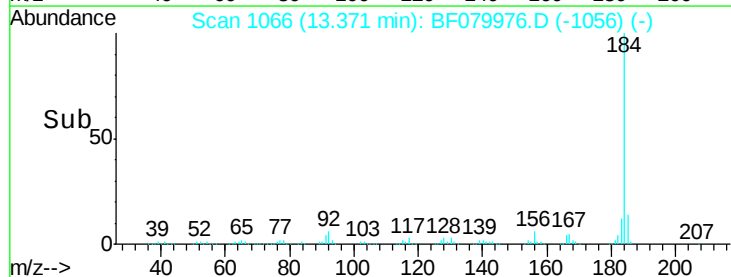
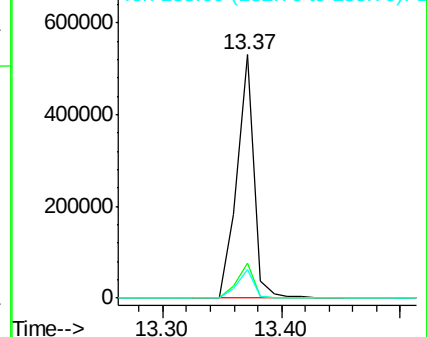
183 11.7 9.0 13.6

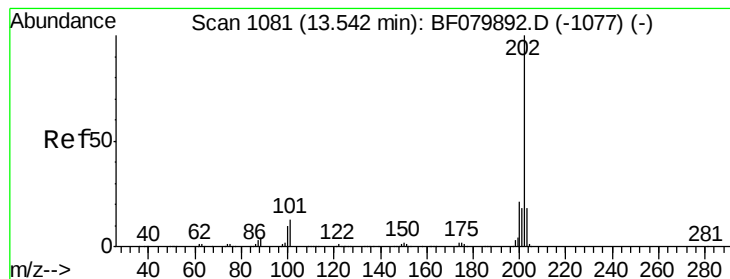


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.42 ng

RT: 13.51 min Scan# 1078

Delta R.T. -0.10 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

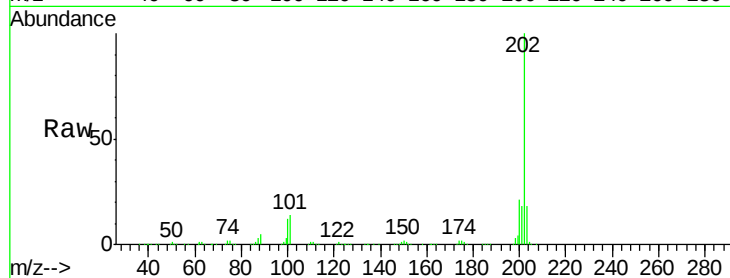
Tgt Ion:202 Resp: 639496

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

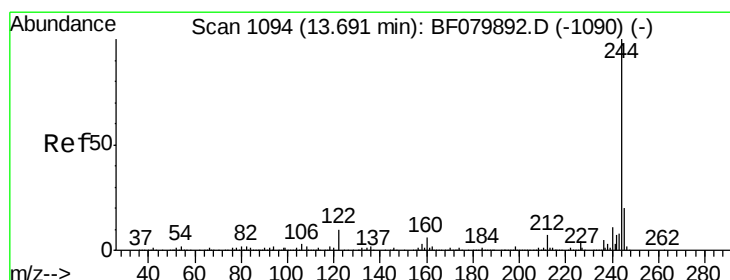
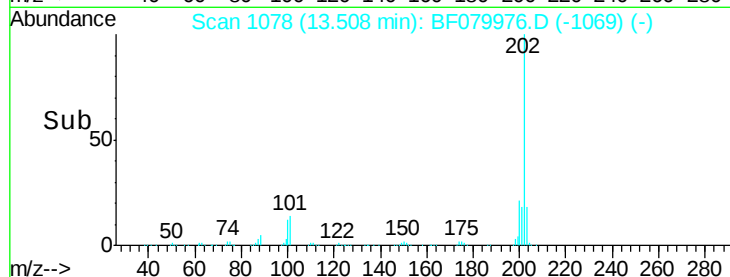
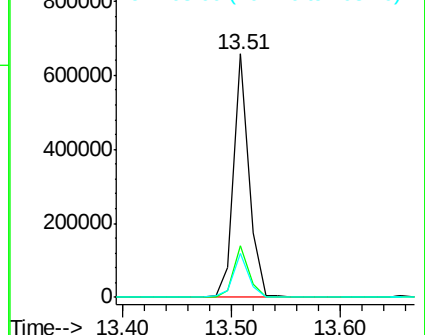
203 18.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 57.96 ng

RT: 13.66 min Scan# 1091

Delta R.T. -0.11 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

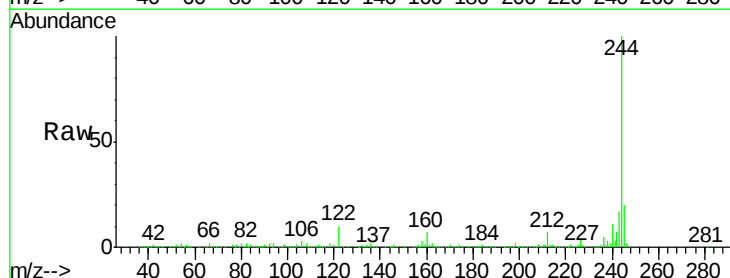
Tgt Ion:244 Resp: 766023

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

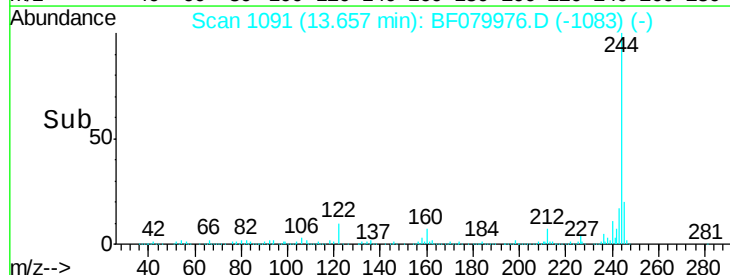
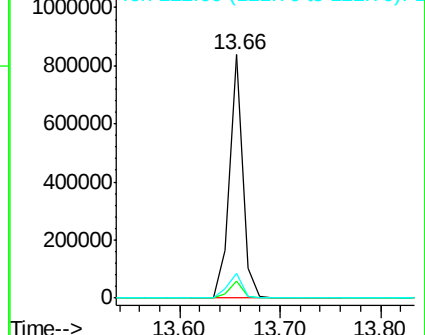
122 10.2 7.8 11.8

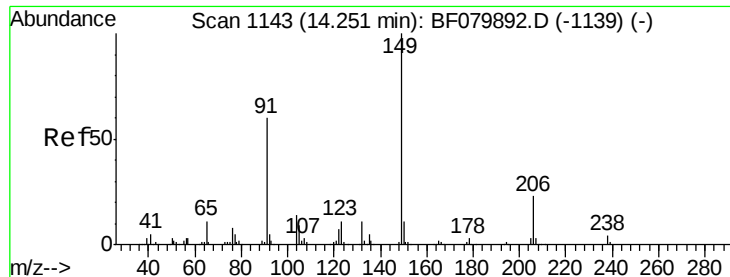


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.68 ng

RT: 14.21 min Scan# 1139

Delta R.T. -0.16 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

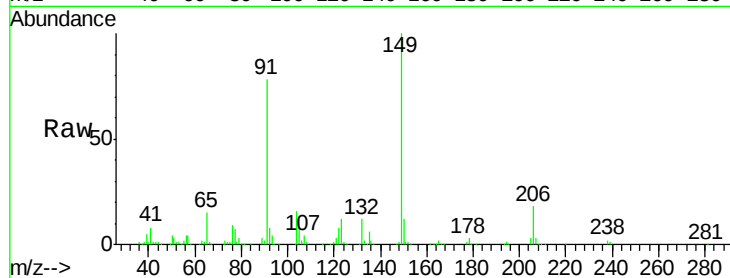
Tgt Ion:149 Resp: 256453

Ion Ratio Lower Upper

149 100

91 78.0 48.1 72.1#

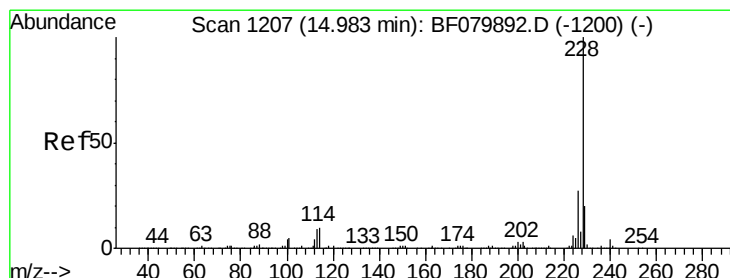
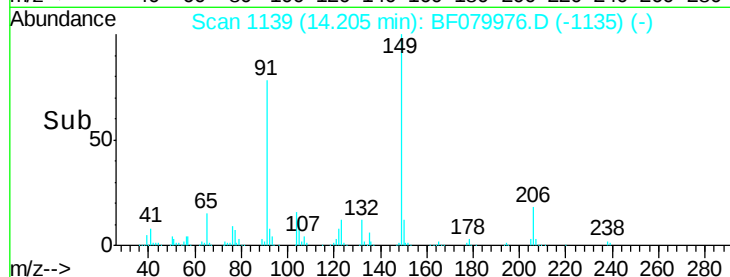
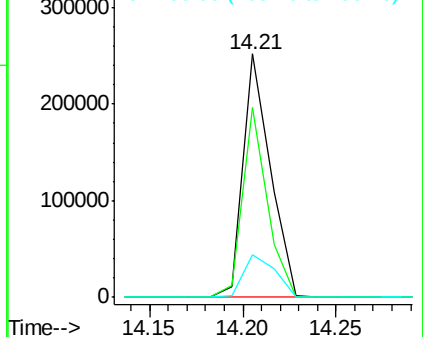
206 17.7 18.6 27.8#



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: 33.06 ng

RT: 14.94 min Scan# 1203

Delta R.T. -0.18 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

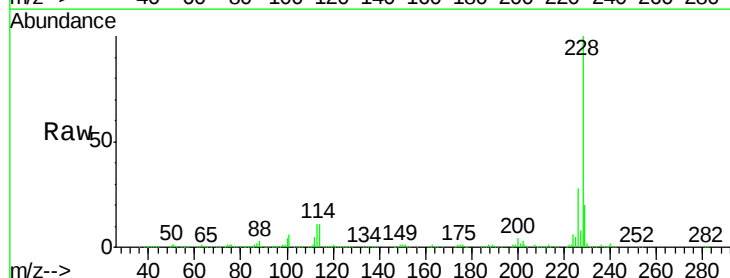
Tgt Ion:228 Resp: 639739

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

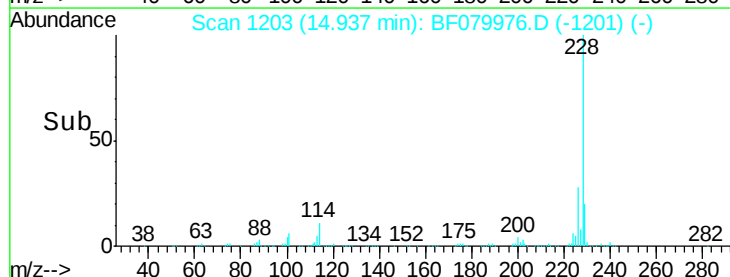
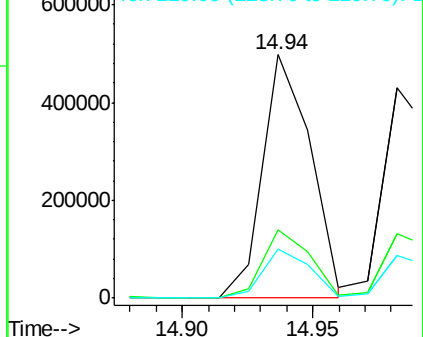
229 20.1 15.9 23.9

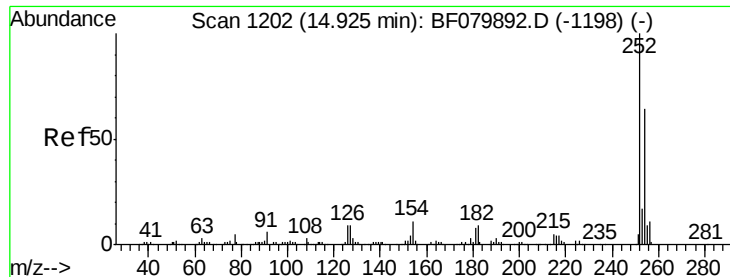


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

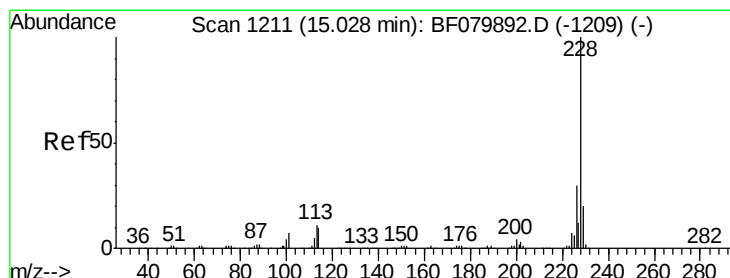
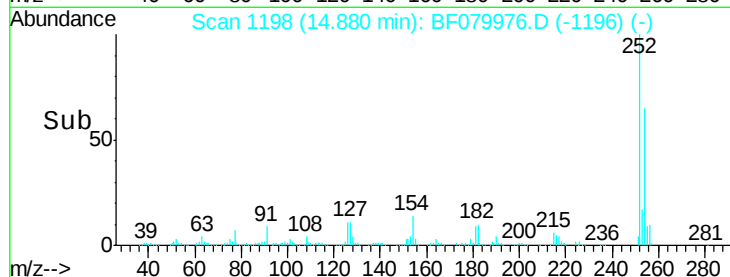
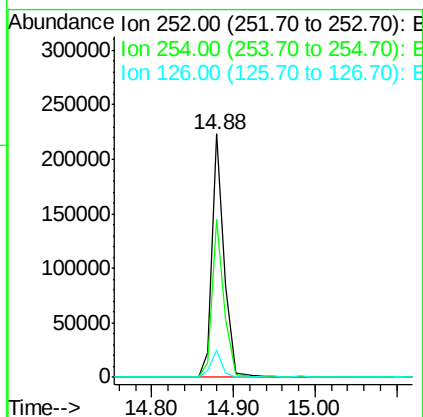
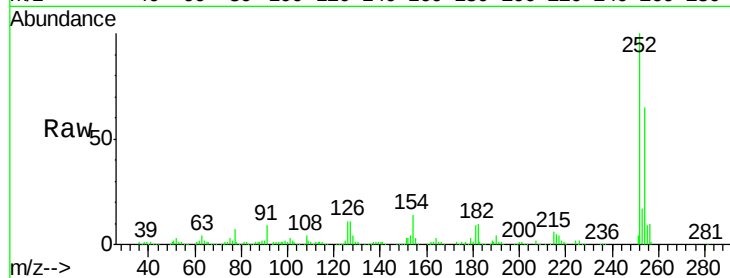




#81
 3,3'-Dichlorobenzidine
 Concen: 37.96 ng
 RT: 14.88 min Scan# 1198
 Delta R.T. -0.18 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

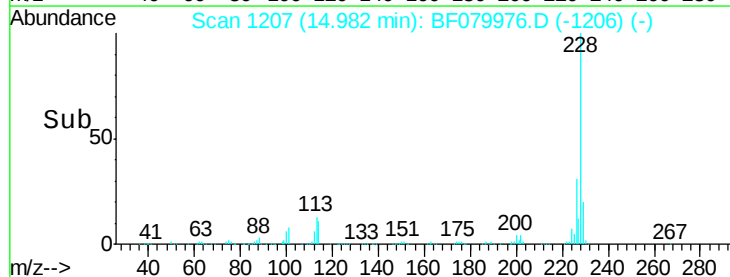
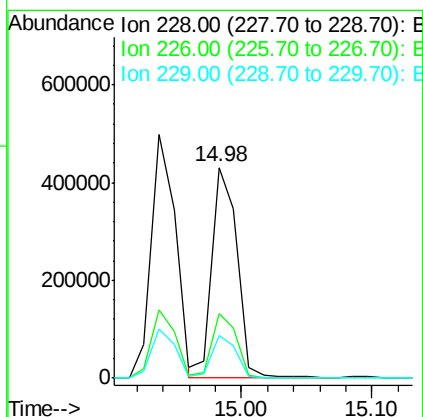
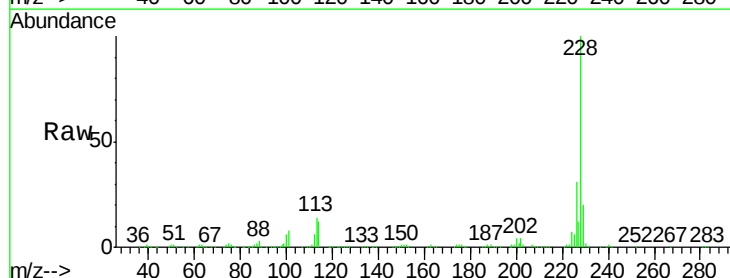
Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MSD

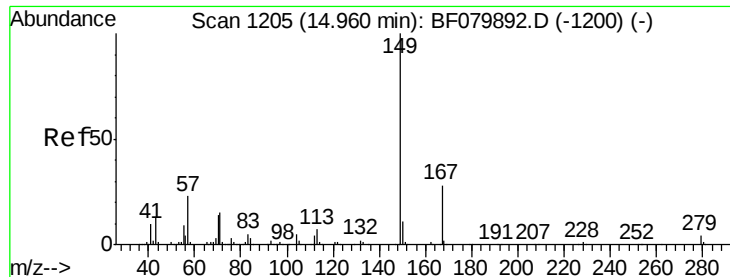
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.1	76.7
126	11.3	7.3	10.9



#82
 Chrysene
 Concen: 33.44 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. -0.19 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	20.1	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.01 ng

RT: 14.91 min Scan# 1201

Delta R.T. -0.19 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MSD

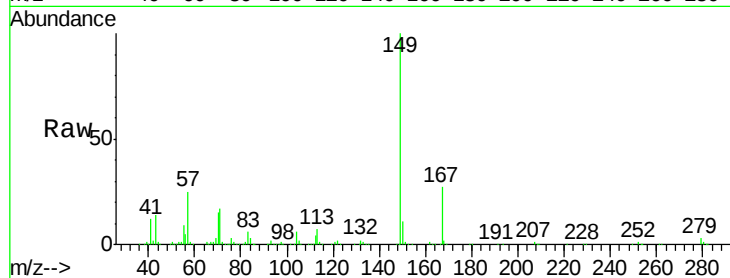
Tgt Ion:149 Resp: 413866

Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.4

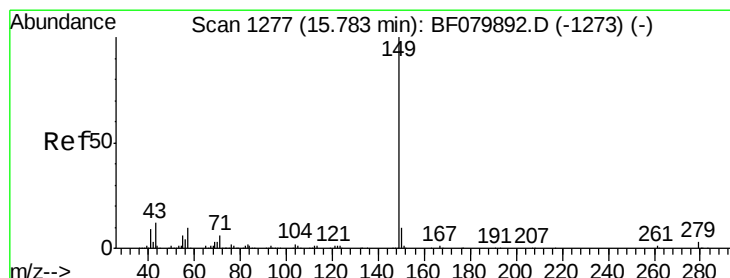
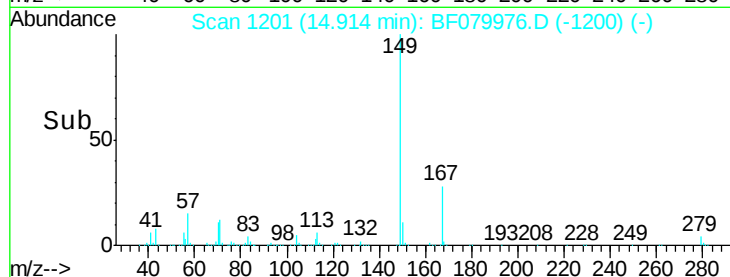
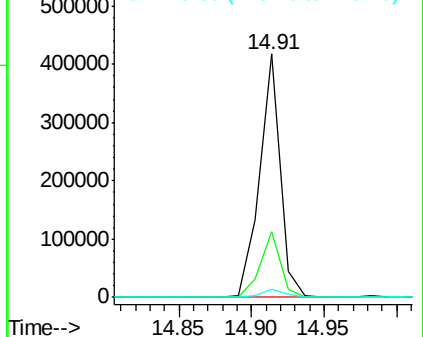
279 3.3 3.1 4.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.62 ng

RT: 15.74 min Scan# 1273

Delta R.T. -0.23 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

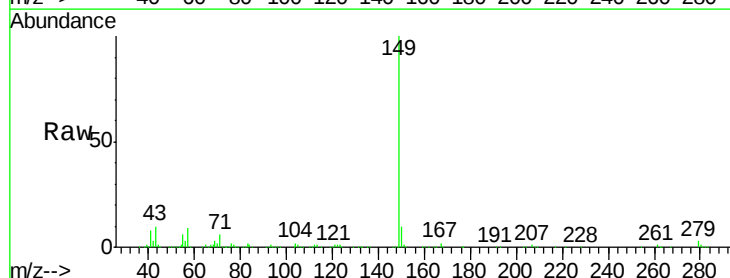
Tgt Ion:149 Resp: 702053

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 10.2 8.8 13.2



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

