

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

Manual Integrations
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 6/15/2015 1:01:15 PM

Quant Time: Jun 15 02:25:13 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	7.32	146	129159m	33.38	ng	
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

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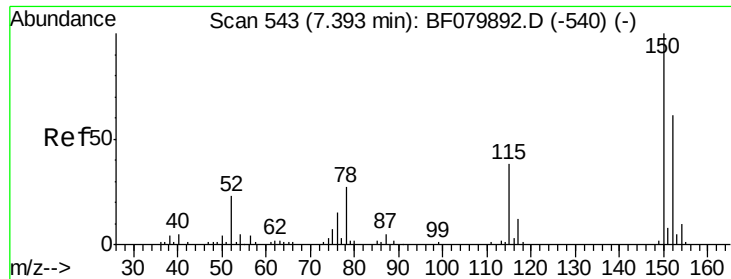
Manual Integrations
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Quant Time: Jun 15 02:25:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

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	16.32	252	657914m	33.95	ng	
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



#1

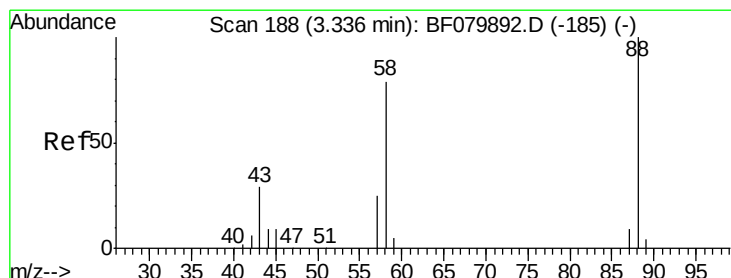
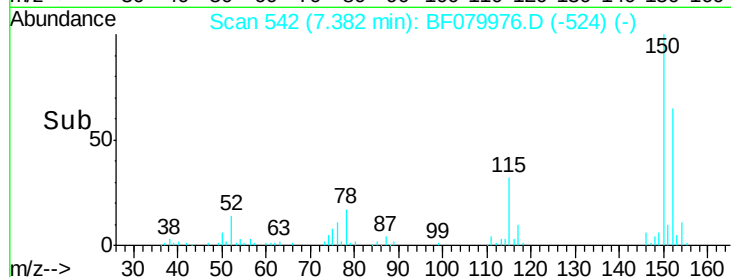
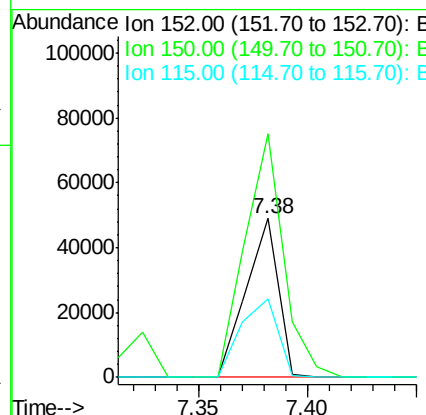
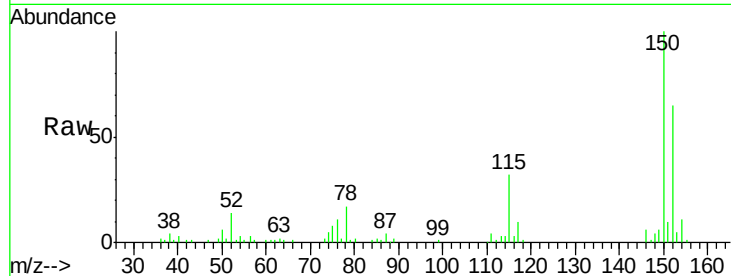
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	131.0	196.4
115	49.1	49.8	74.6

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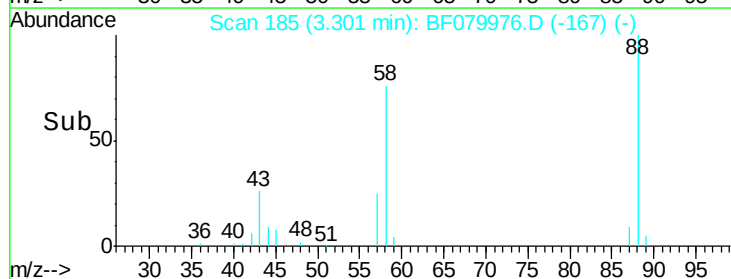
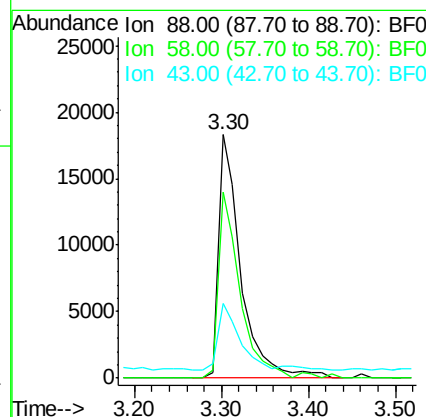
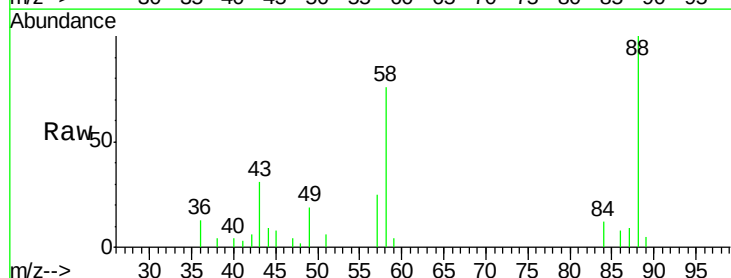
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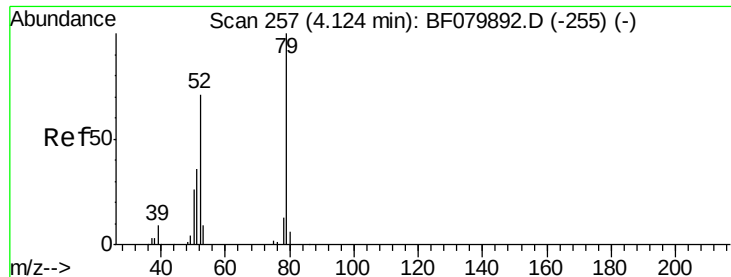


#2

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	Ratio	Lower	Upper
88	100		
58	73.6	63.0	94.4
43	26.7	23.2	34.8





#3

Pyridine

Concen: 32.69 ng

RT: 4.10 min Scan# 255

Delta R.T. 0.01 min

Lab File: BF079976.D

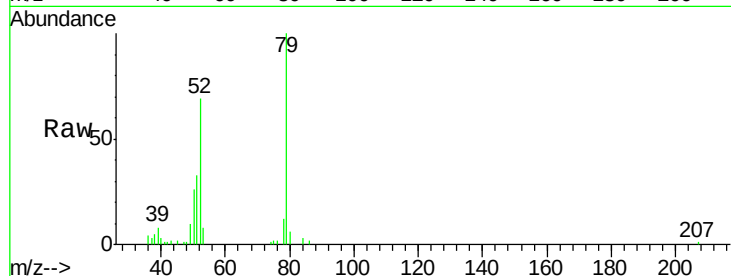
Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

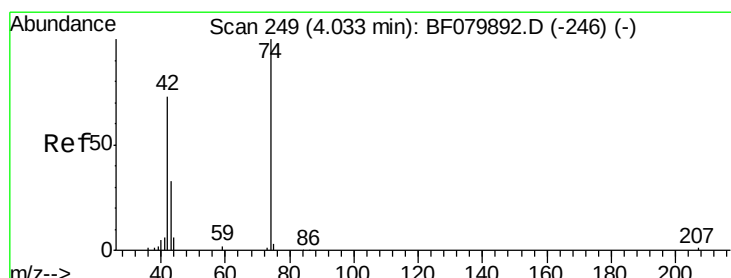
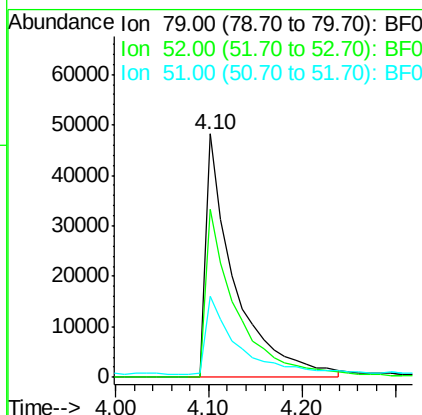
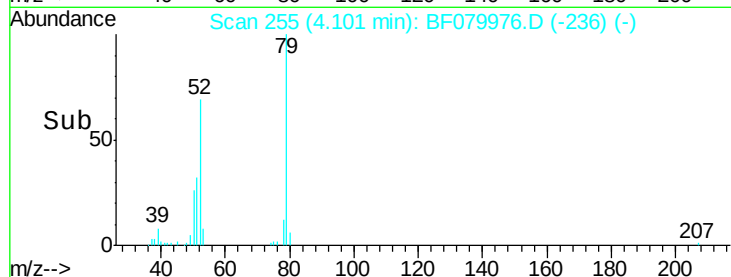
VALHALLA-W1-9.5-10MSD



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

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#4

n-Nitrosodimethylamine

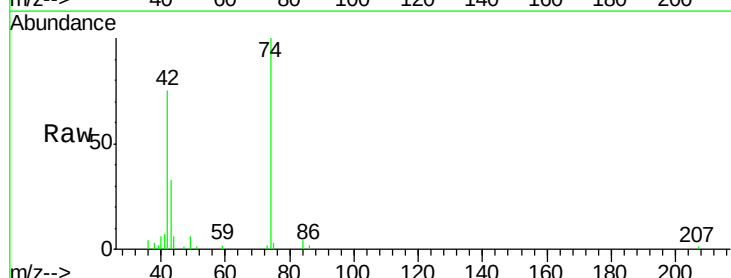
Concen: 31.51 ng

RT: 4.01 min Scan# 247

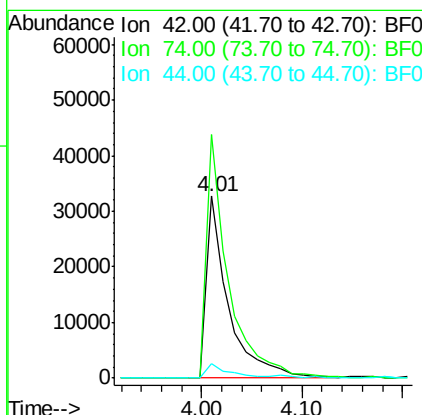
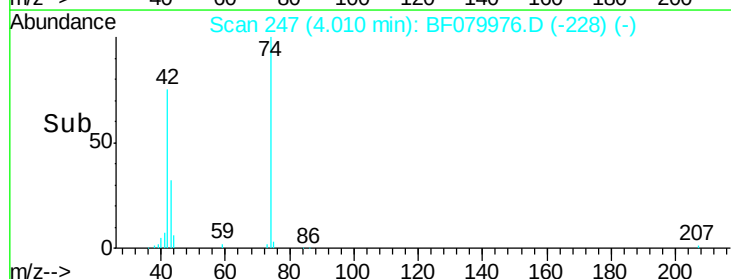
Delta R.T. 0.01 min

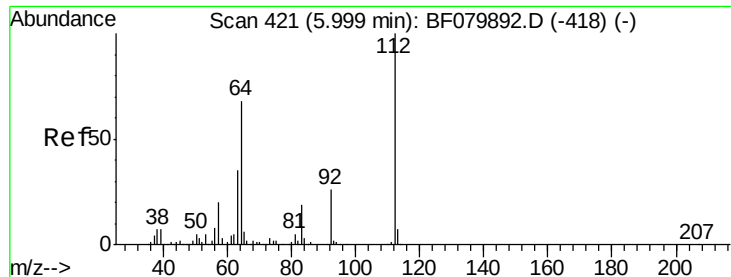
Lab File: BF079976.D

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 :

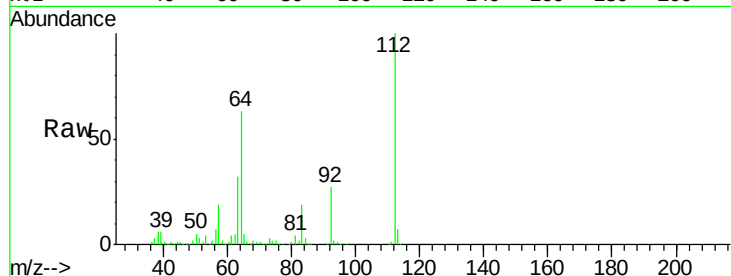
VALHALLA-W1-9.5-10MSD

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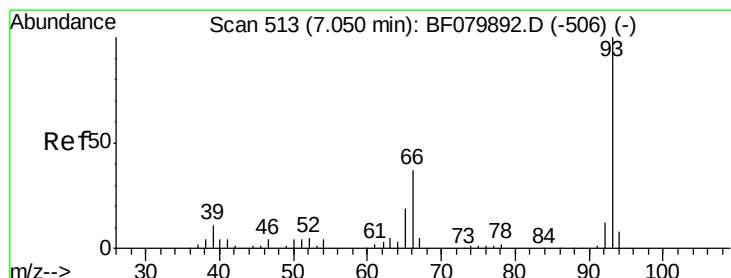
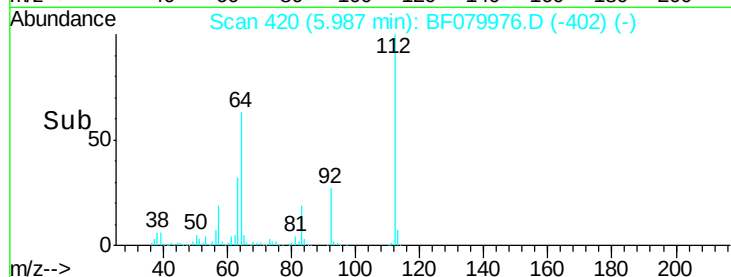
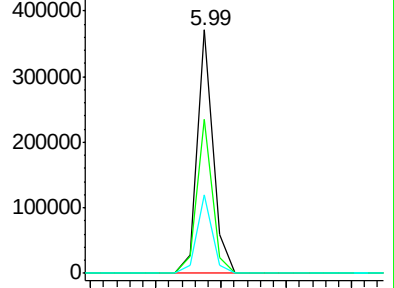
Tgt Ion	Ratio	Resp	Lower	Upper
112	100	315927		
64	63.1	54.5	81.7	
63	32.5	27.9	41.9	



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.67 ng

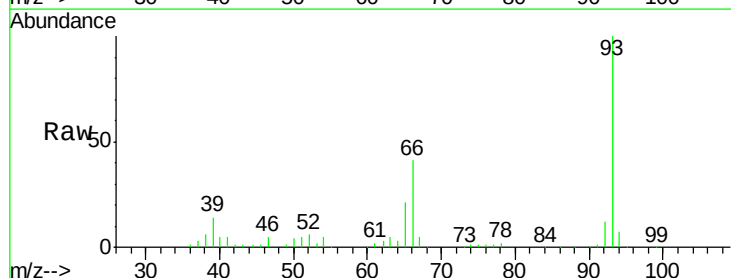
RT: 7.03 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

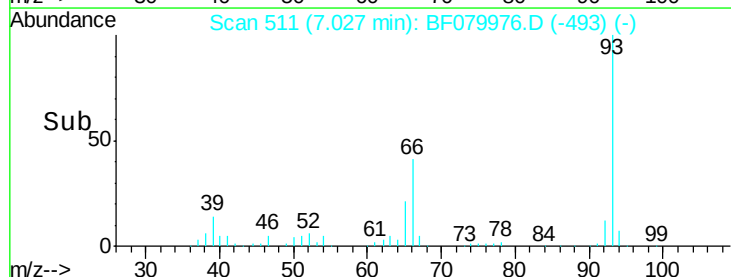
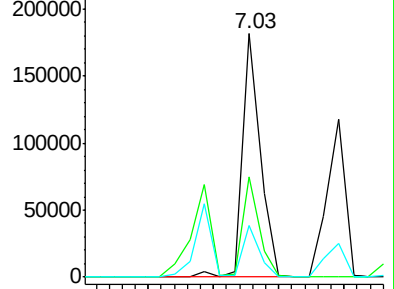
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	175768		
66	41.1	29.4	44.0	
65	21.1	14.9	22.3	

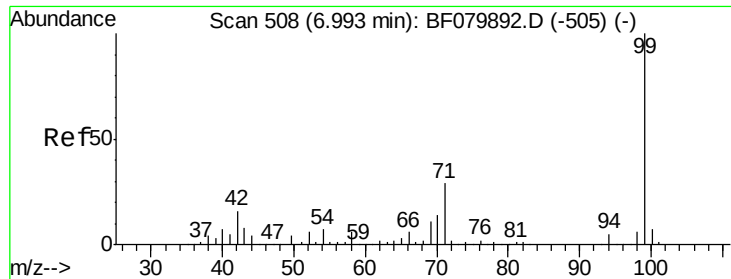


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

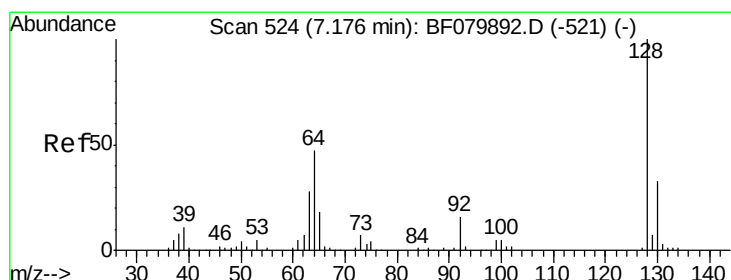
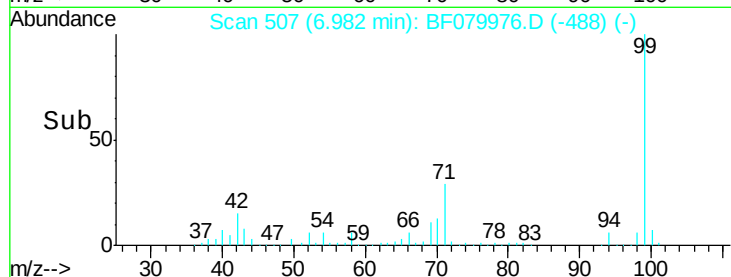
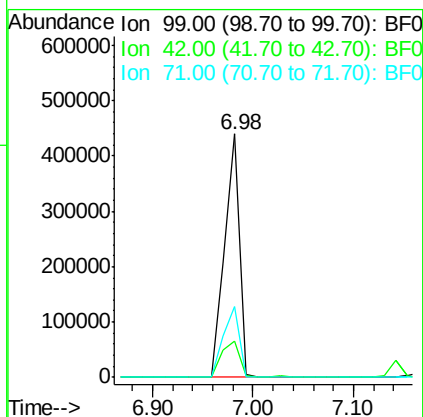
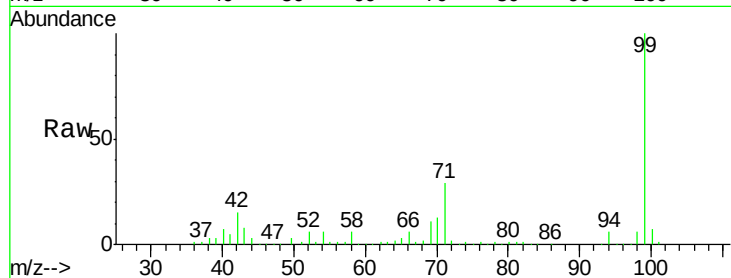
ClientSampleId :

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

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.02 ng

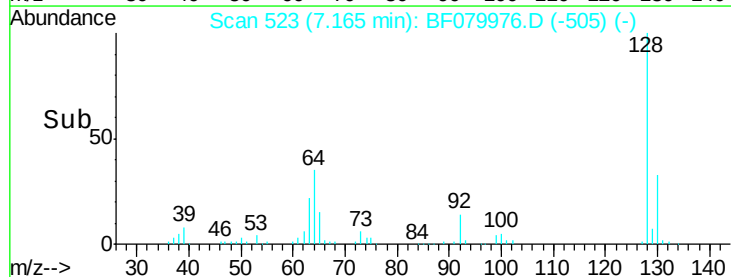
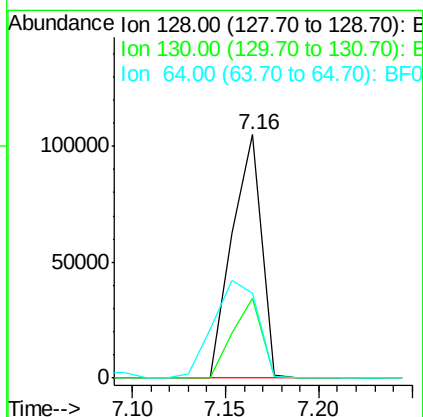
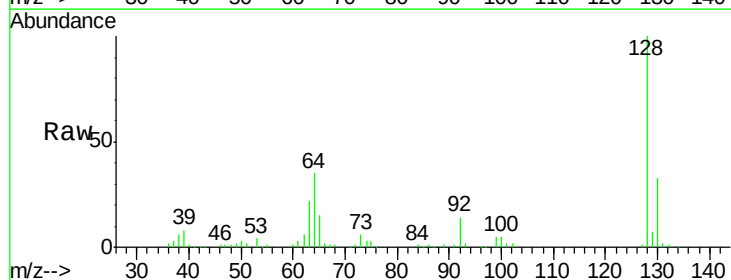
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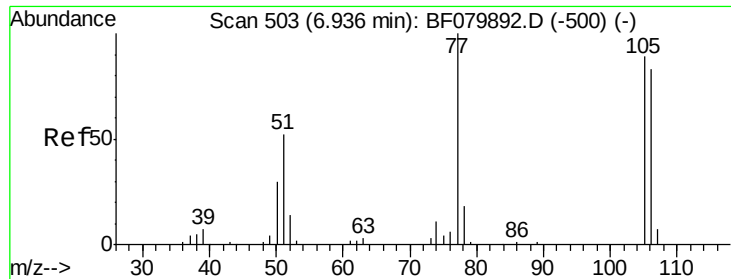
Delta R.T. 0.00 min

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





#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

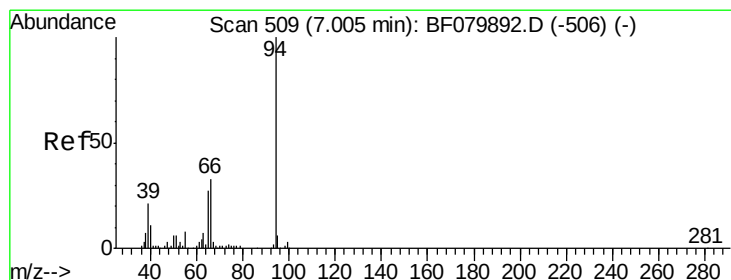
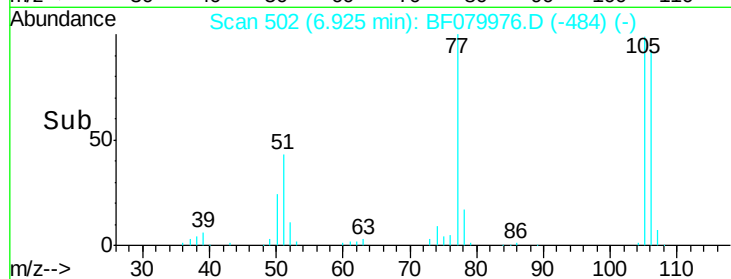
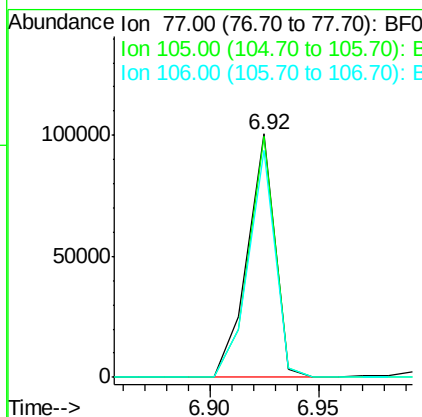
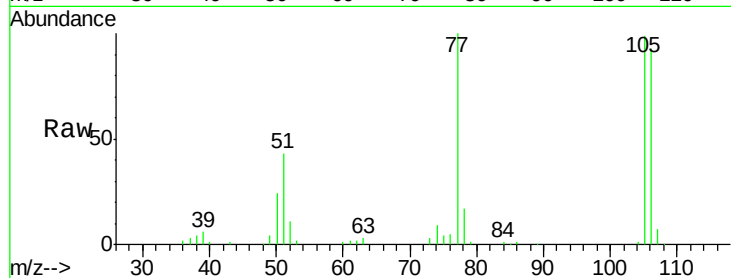
ClientSampleId :

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

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#10

Phenol

Concen: 39.83 ng

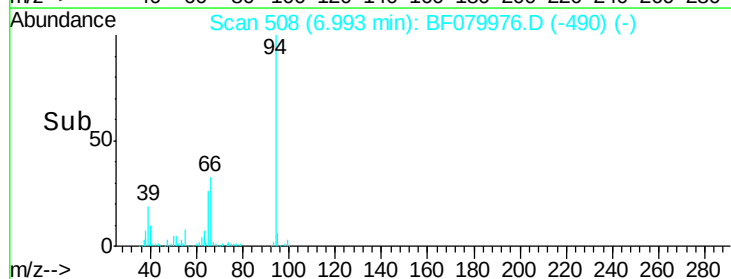
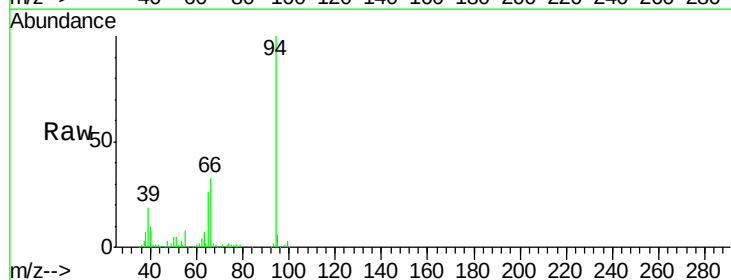
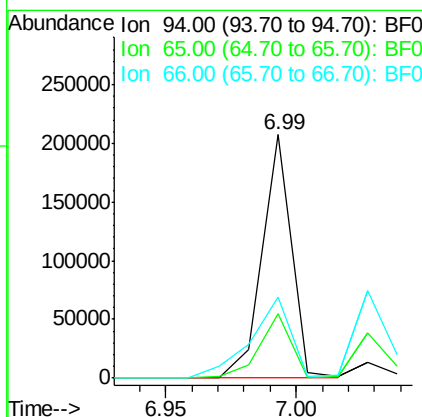
RT: 6.99 min Scan# 508

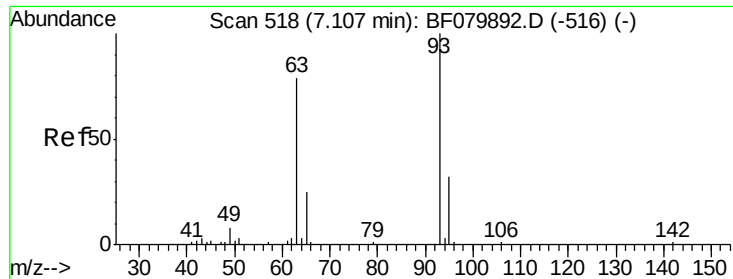
Delta R.T. 0.00 min

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





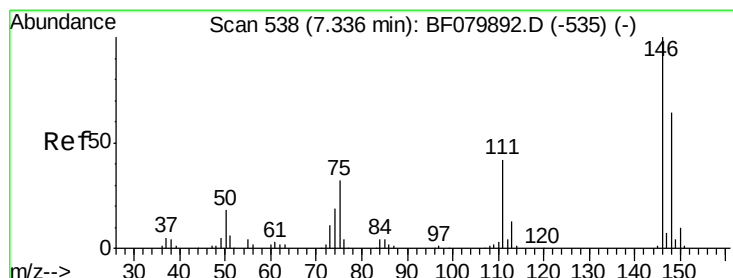
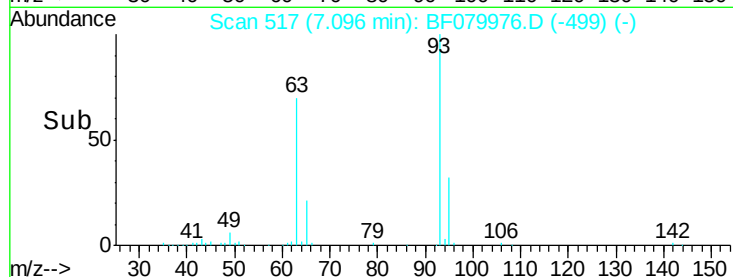
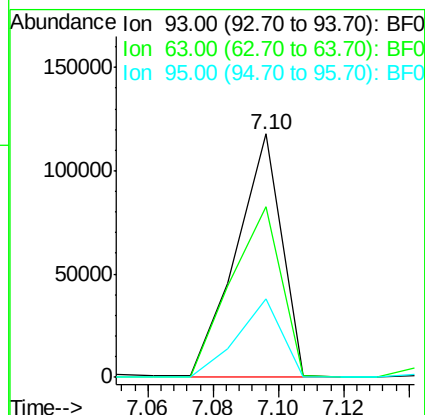
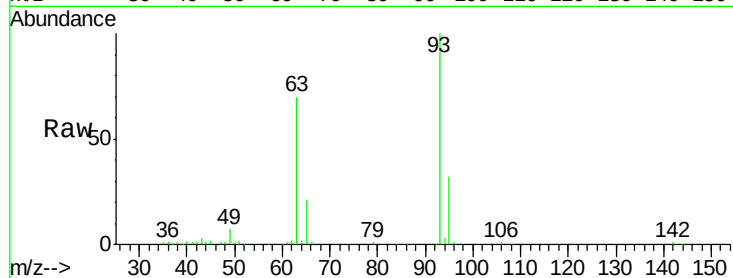
#11
bis(2-Chloroethyl)ether
Concen: 34.07 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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

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

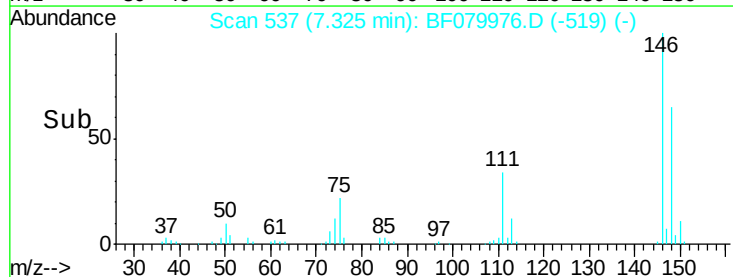
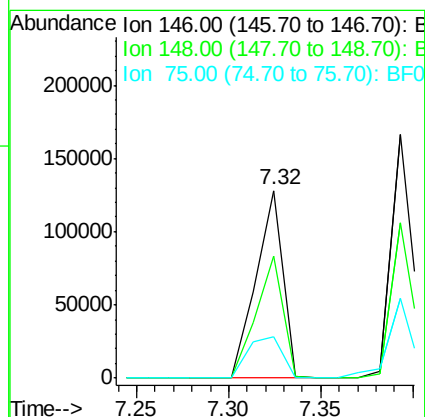
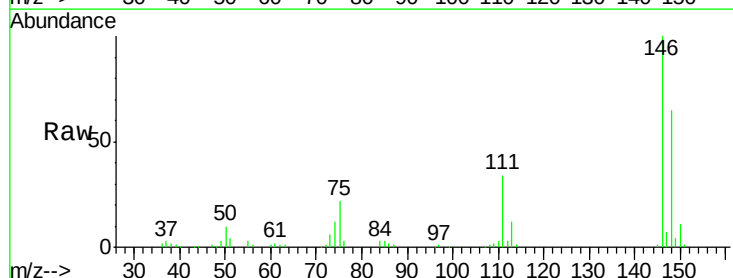
Manual Integrations
APPROVED

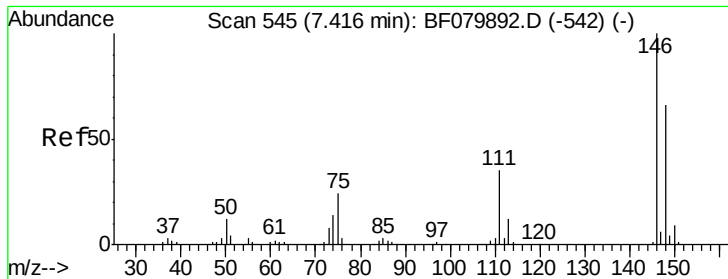
apatel
6/15/2015 1:01:15 PM



#12
1,3-Dichlorobenzene
Concen: 33.38 ng m
RT: 7.32 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	129159		
148	64.8	50.9	76.3	
75	21.8	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

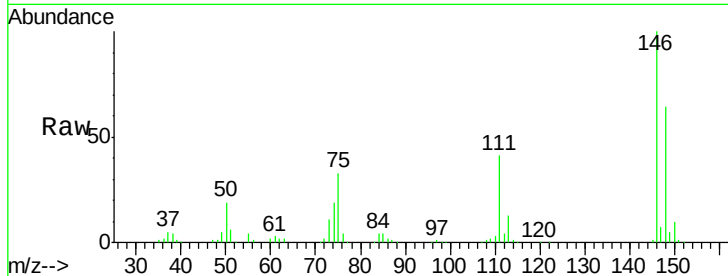
Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

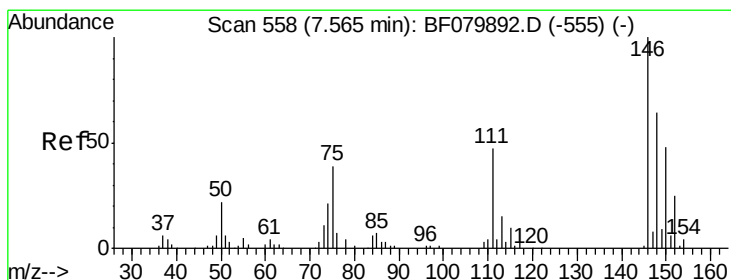
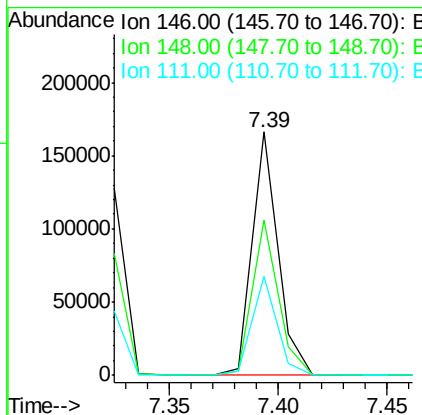
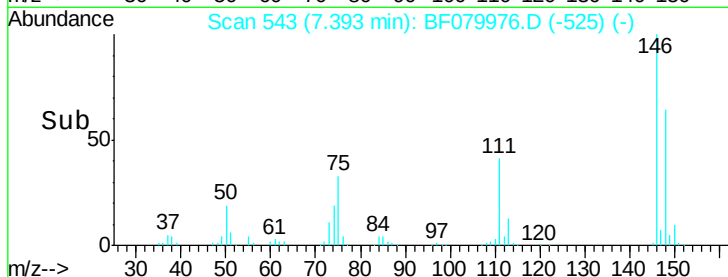
VALHALLA-W1-9.5-10MSD



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

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apatel
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#14

1,2-Dichlorobenzene

Concen: 38.61 ng

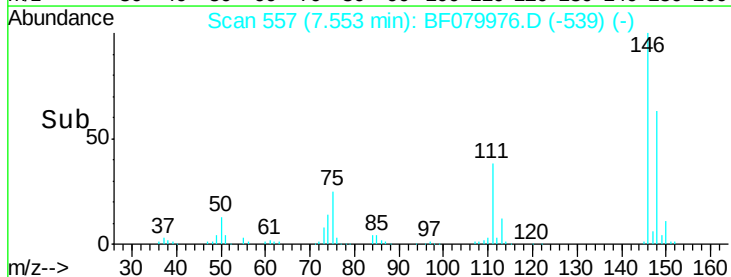
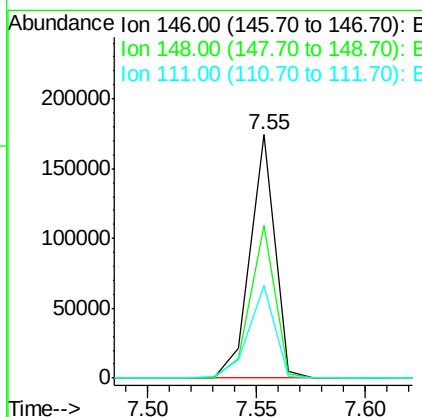
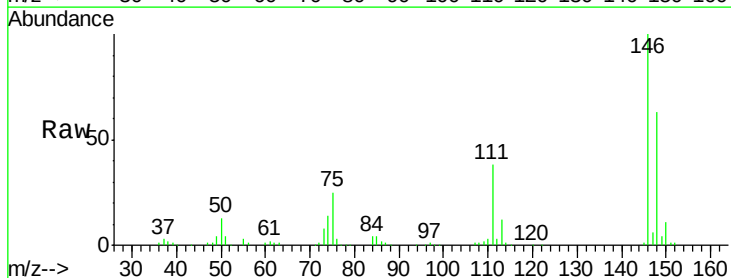
RT: 7.55 min Scan# 557

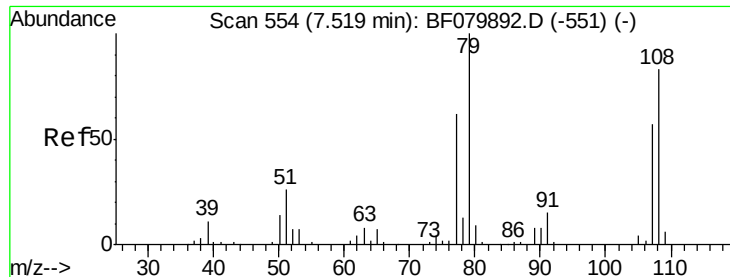
Delta R.T. 0.00 min

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

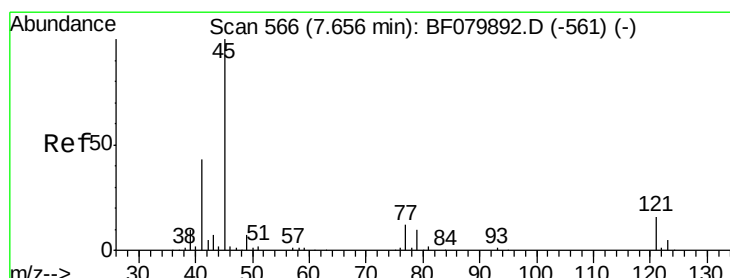
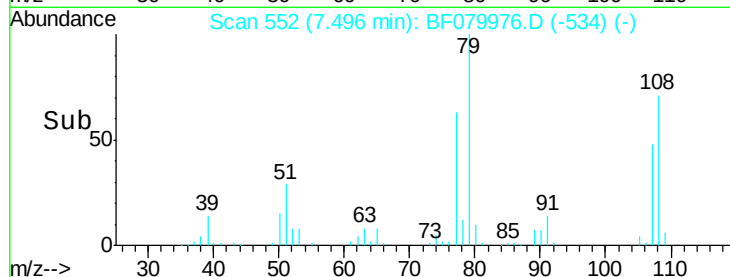
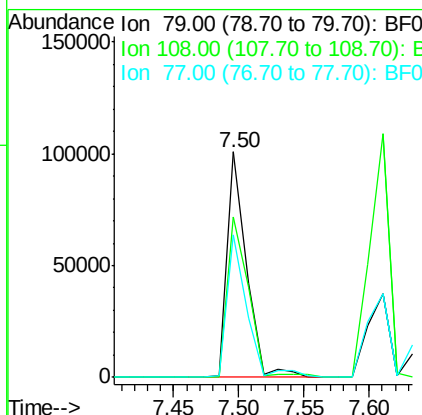
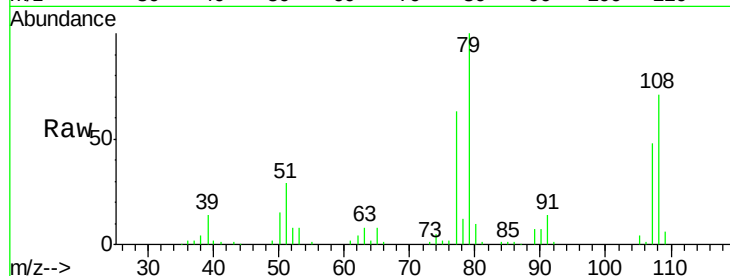
ClientSampleId :

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

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.72 ng

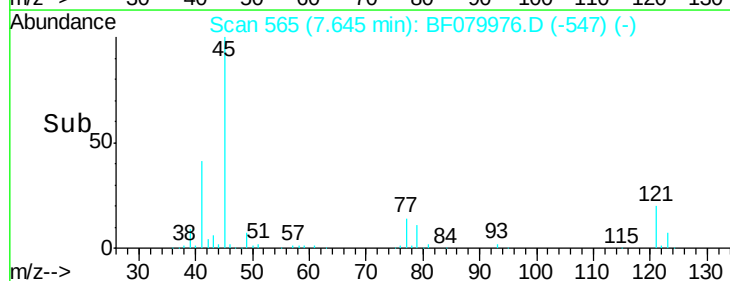
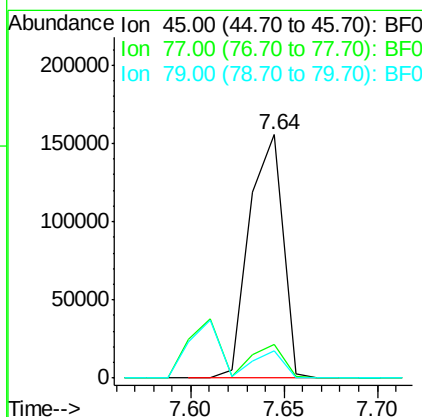
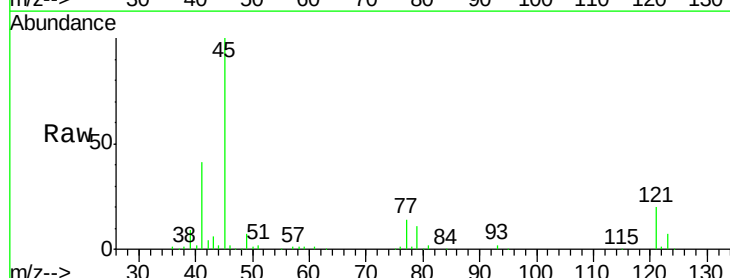
RT: 7.64 min Scan# 565

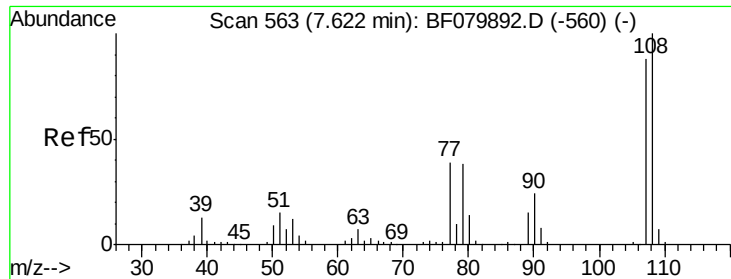
Delta R.T. 0.00 min

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





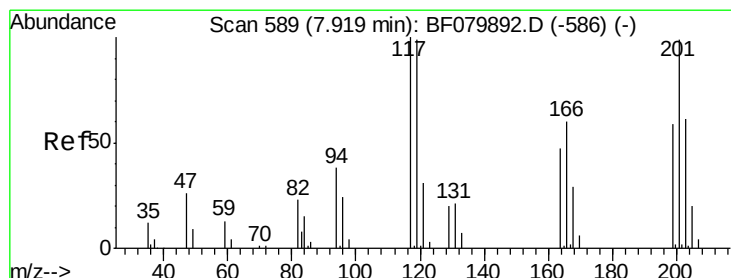
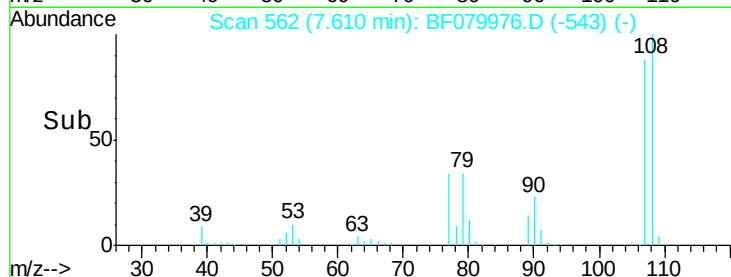
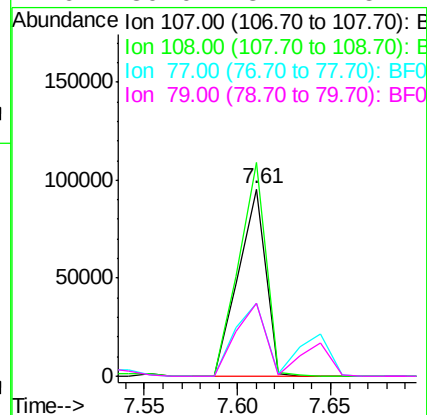
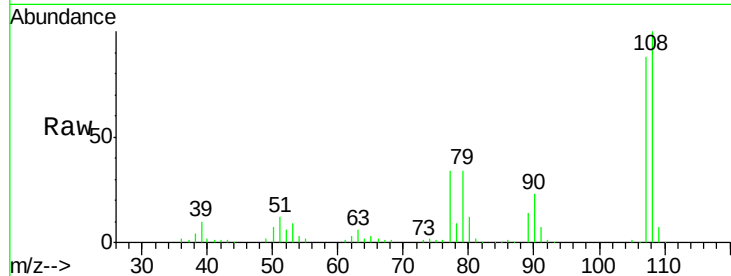
#17
2-Methylphenol
Concen: 34.10 ng
RT: 7.61 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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

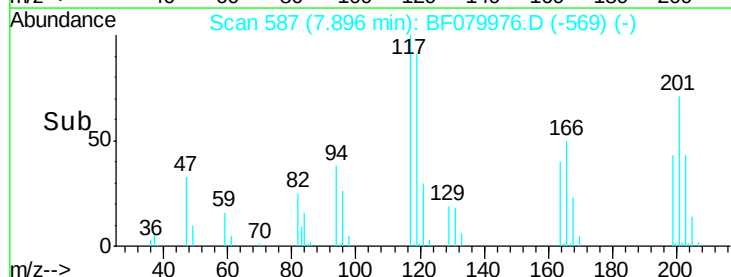
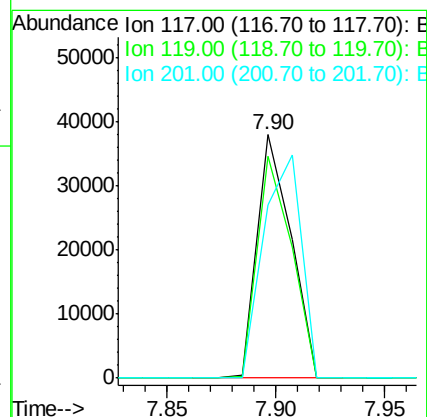
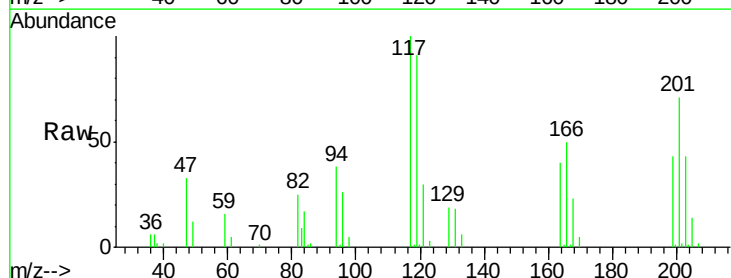
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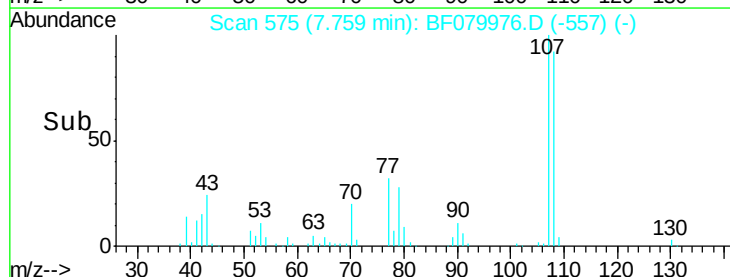
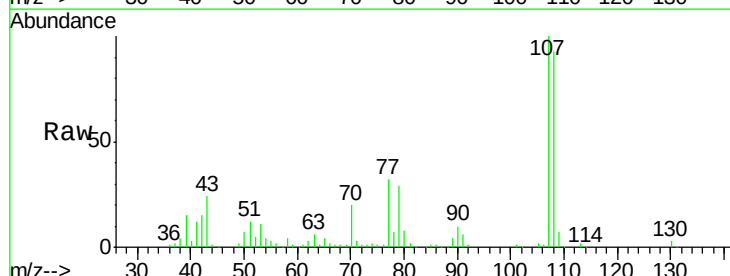
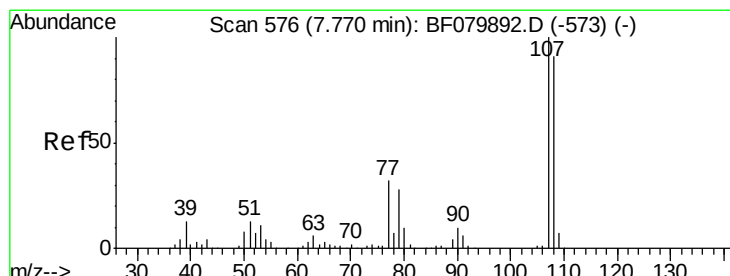
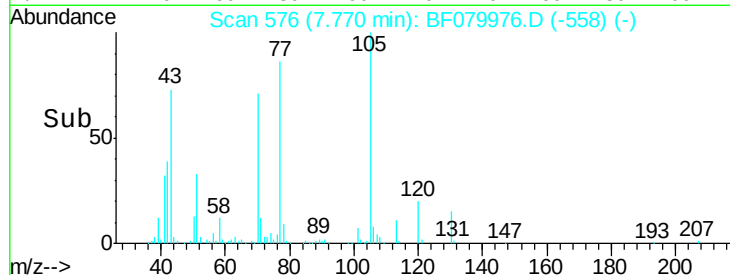
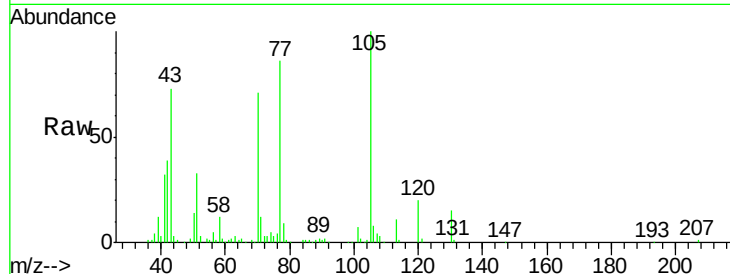
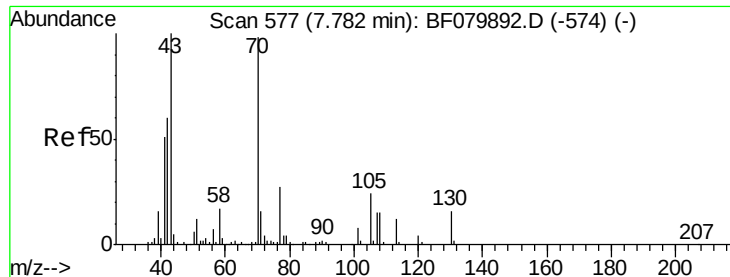
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#18
Hexachloroethane
Concen: 33.04 ng
RT: 7.90 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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#





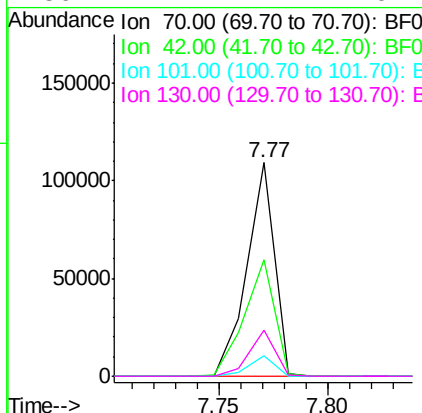
#19
n-Nitroso-di-n-propylamine
Concen: 36.27 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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

Tgt Ion	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#

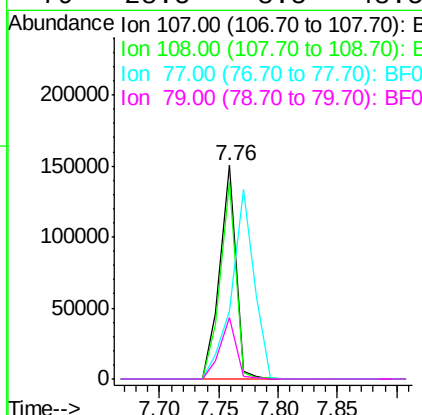
Manual Integrations
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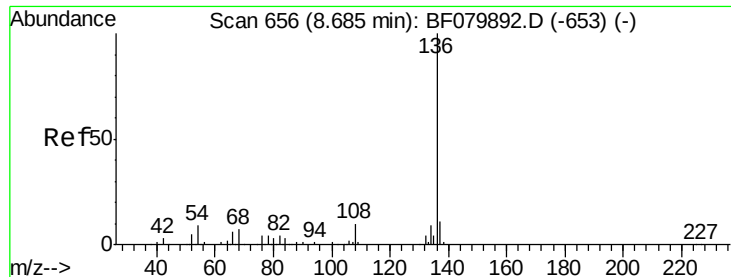
apatel
6/15/2015 1:01:15 PM



#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	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





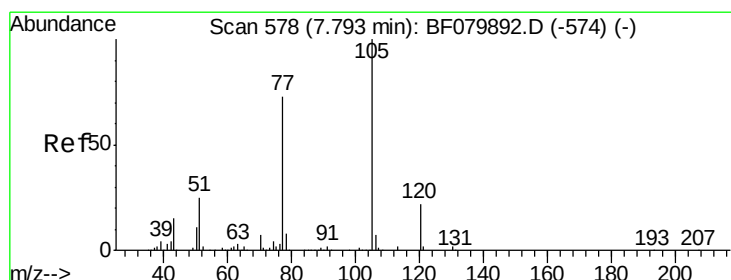
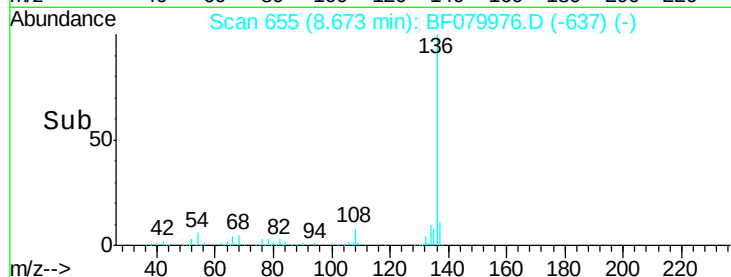
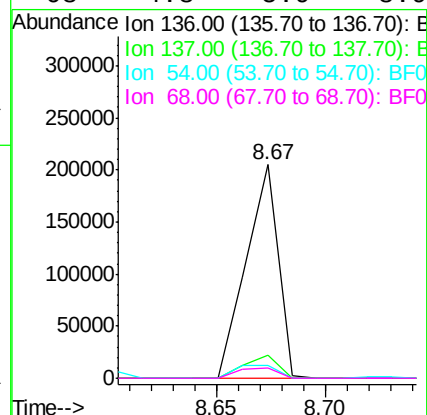
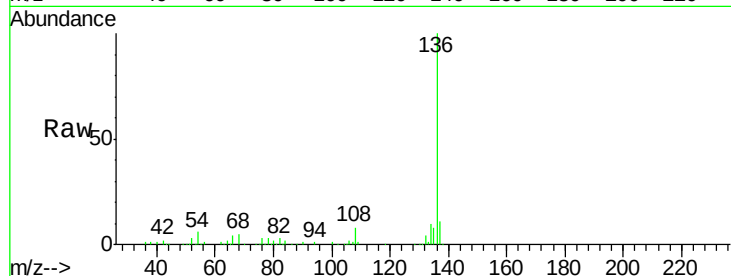
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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

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

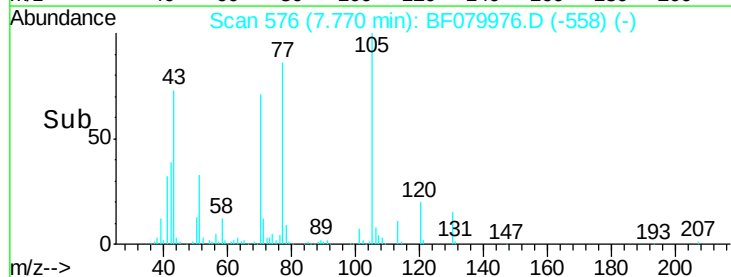
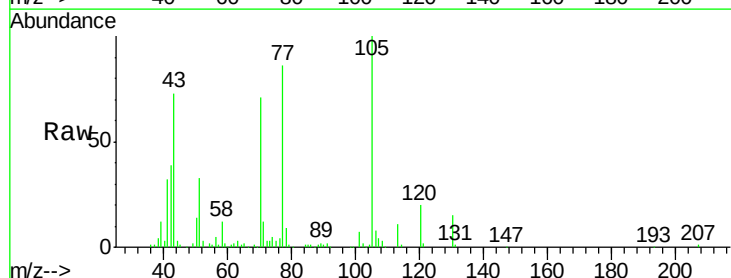
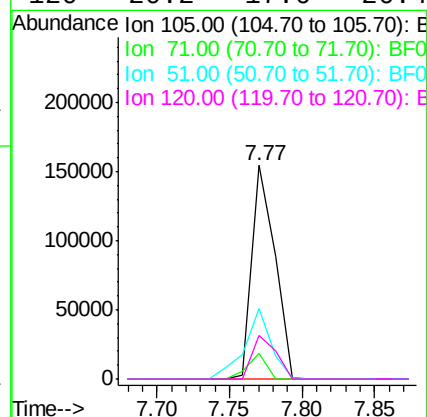
Manual Integrations
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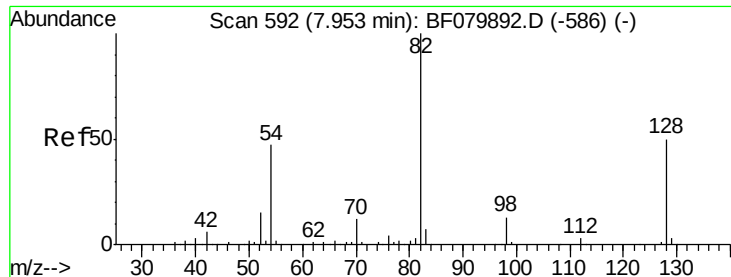
apatel
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#22
Acetophenone
Concen: 34.43 ng
RT: 7.77 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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





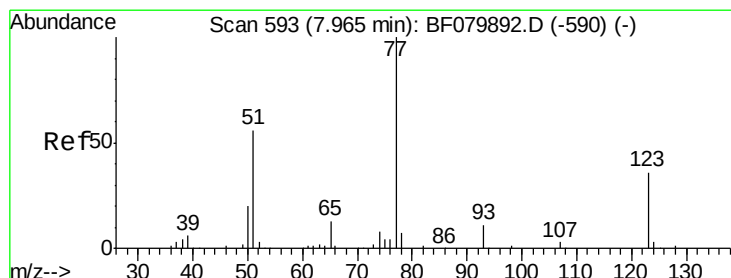
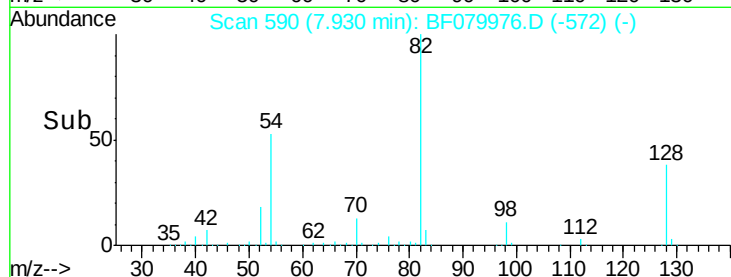
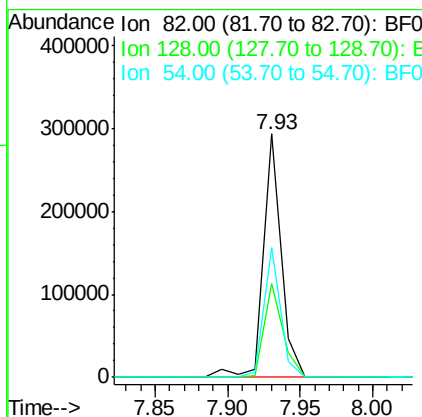
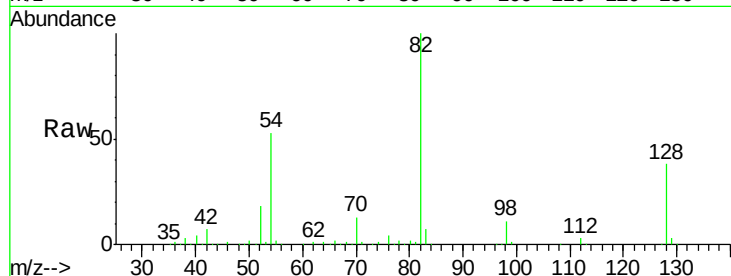
#23
 Nitrobenzene-d5
 Concen: 79.03 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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

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

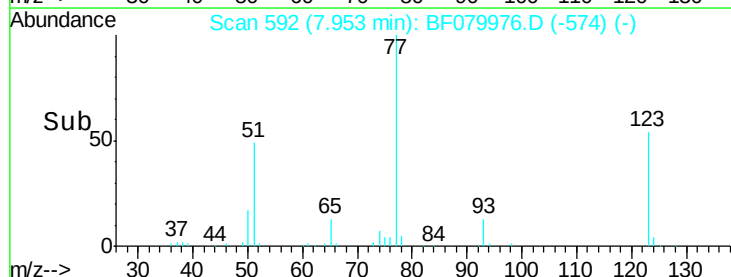
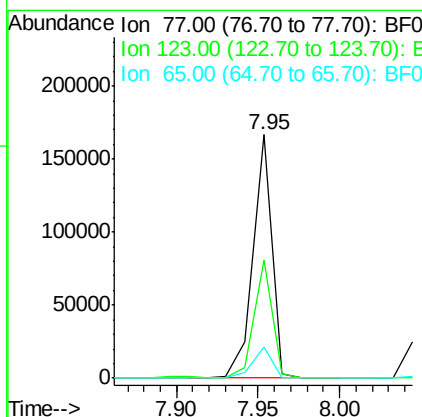
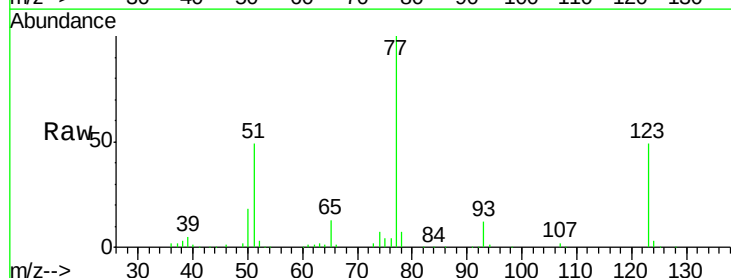
Manual Integrations
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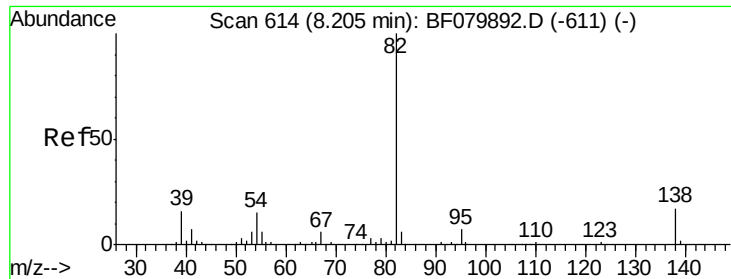
apatel
 6/15/2015 1:01:15 PM



#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	Resp 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

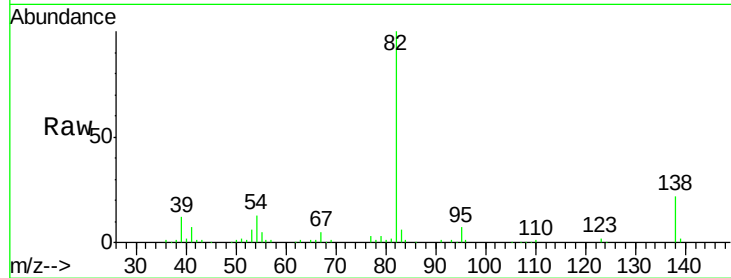
95 7.1 5.2 7.8

138 22.2 13.3 19.9#

Manual Integrations
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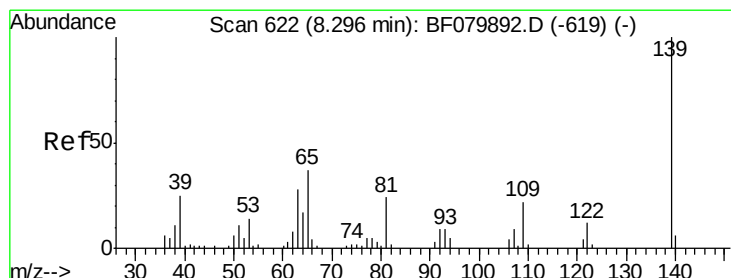
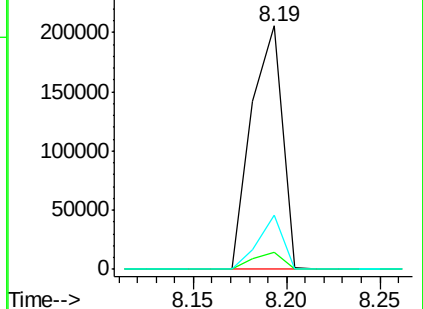
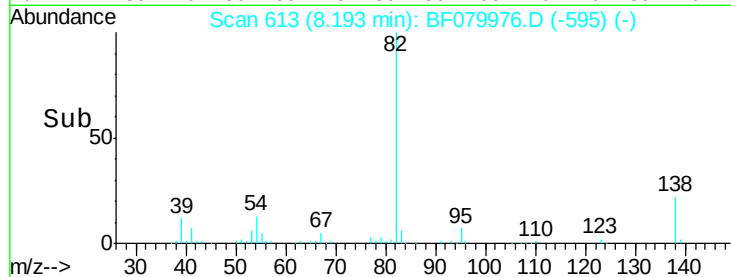
6/15/2015 1:01:15 PM



Abundance Ion 82.00 (81.70 to 82.70): BF079976.D (-595) (-)

Ion 95.00 (94.70 to 95.70): BF079976.D (-595) (-)

Ion 138.00 (137.70 to 138.70): BF079976.D (-595) (-)



#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

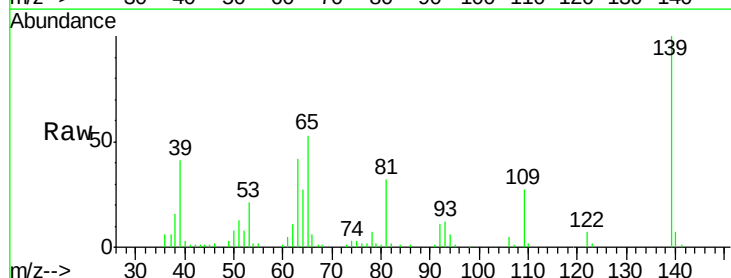
Tgt Ion: 139 Resp: 50839

Ion Ratio Lower Upper

139 100

109 26.9 17.8 26.6#

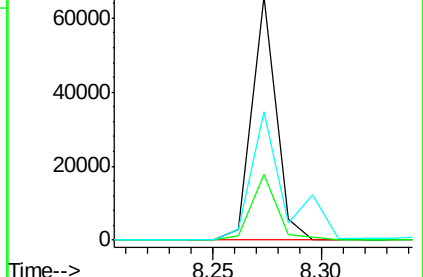
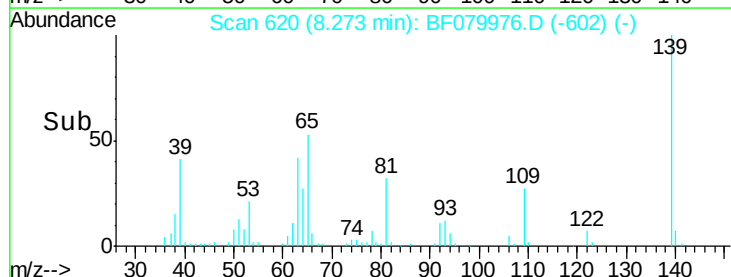
65 52.8 29.4 44.0#

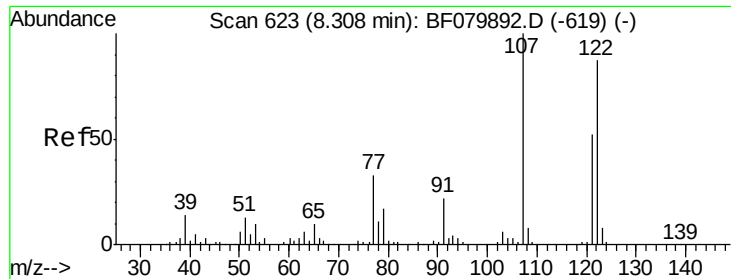


Abundance Ion 139.00 (138.70 to 139.70): BF079976.D (-602) (-)

Ion 109.00 (108.70 to 109.70): BF079976.D (-602) (-)

Ion 65.00 (64.70 to 65.70): BF079976.D (-602) (-)





#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

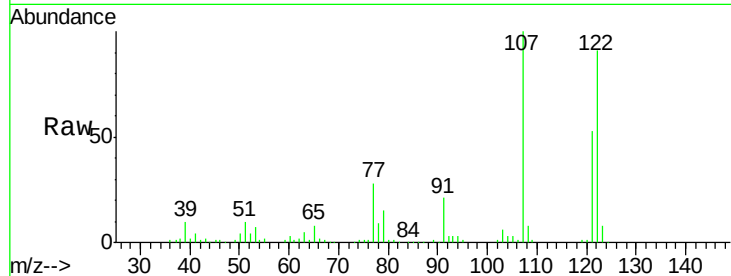
ClientSampleId :

VALHALLA-W1-9.5-10MSD

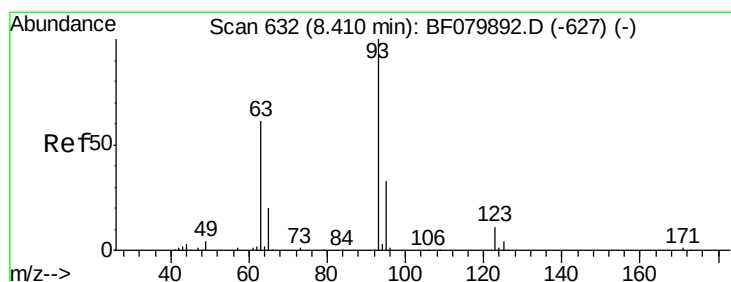
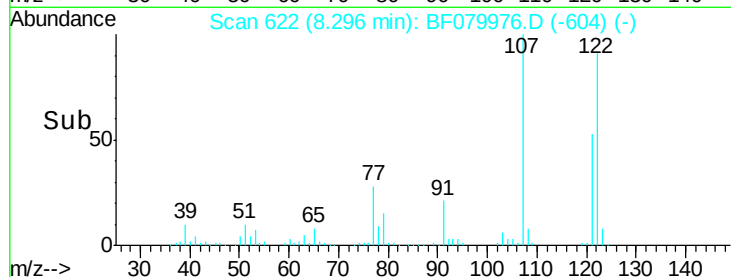
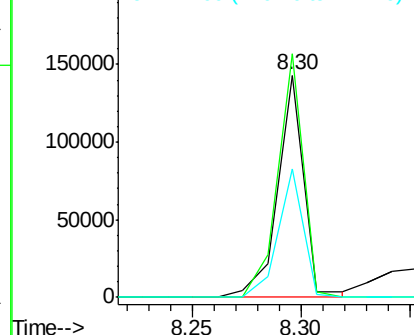
Tgt Ion:	122	Resp:	121362
Ion Ratio	Lower	Upper	
122	100		
107	109.5	91.7	137.5
121	57.6	47.8	71.6

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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

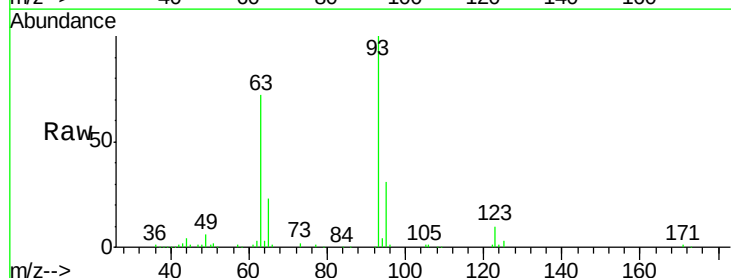
RT: 8.39 min Scan# 630

Delta R.T. 0.00 min

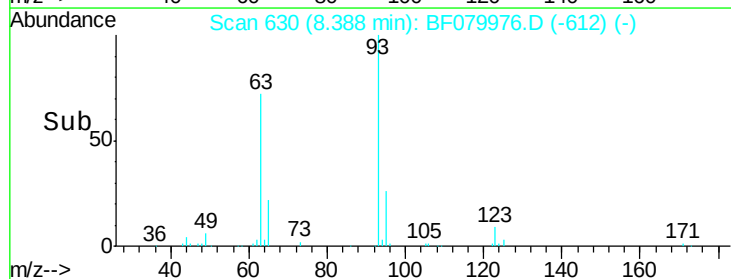
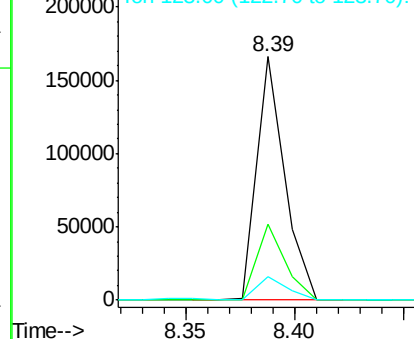
Lab File: BF079976.D

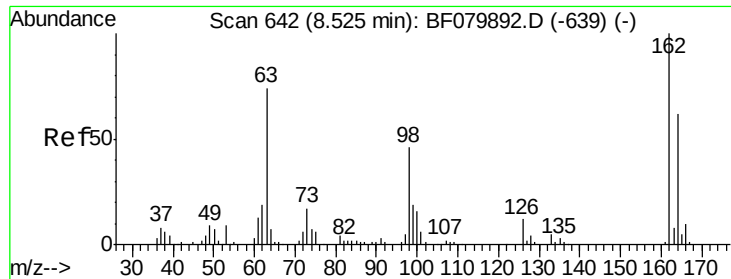
Acq: 13 Jun 2015 13:32

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





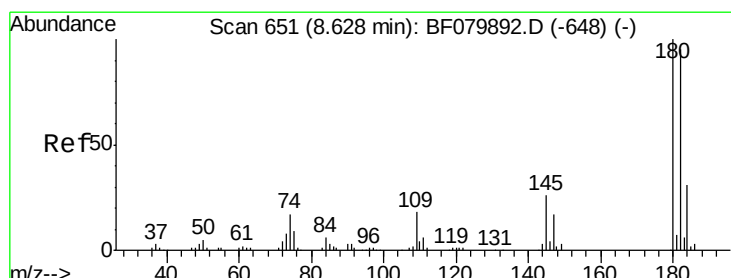
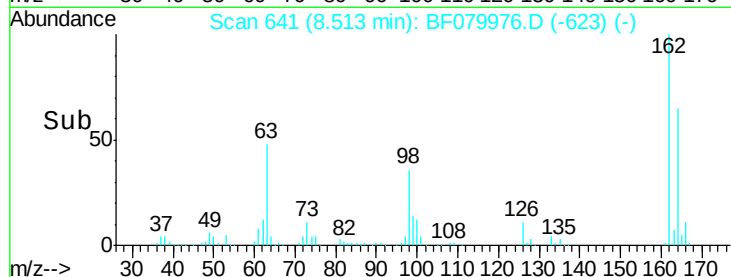
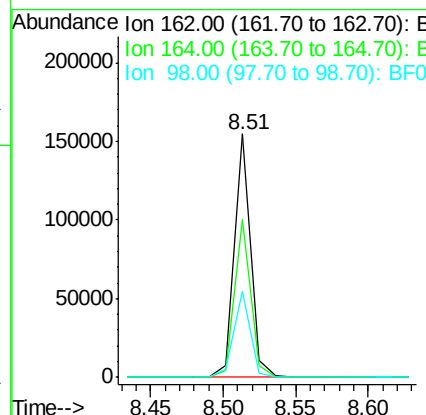
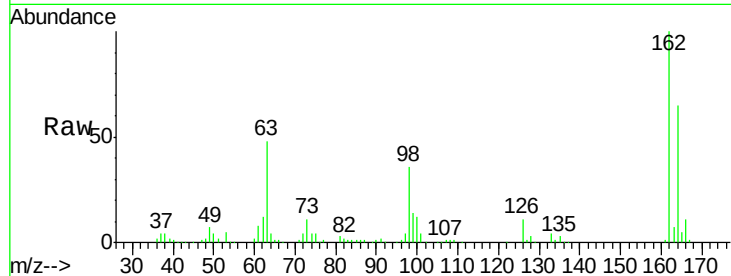
#29
 2,4-Dichlorophenol
 Concen: 43.34 ng
 RT: 8.51 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	120110		
164	65.1	42.2	82.2	
98	35.5	26.0	66.0	

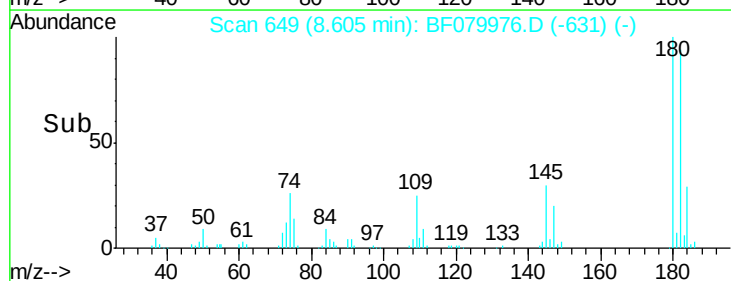
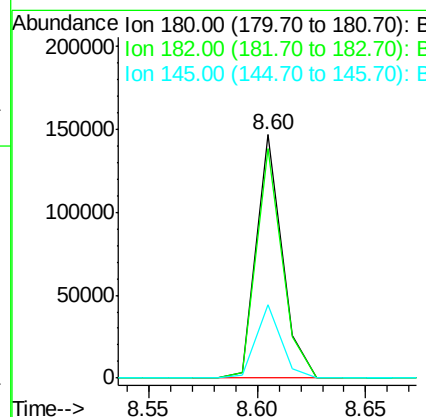
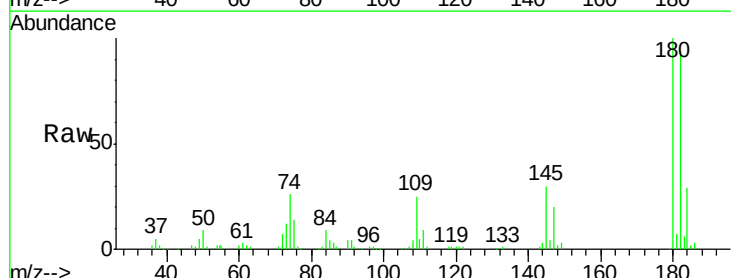
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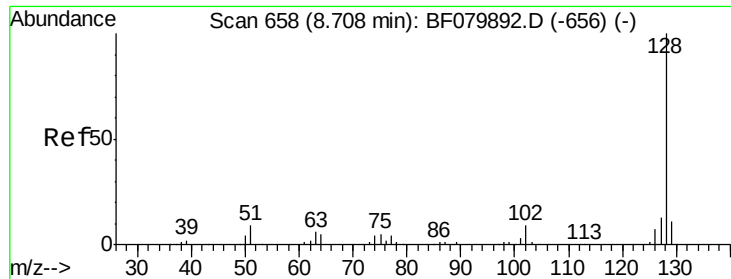
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.20 ng
 RT: 8.60 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	120488		
182	94.0	75.7	113.5	
145	30.2	21.1	31.7	





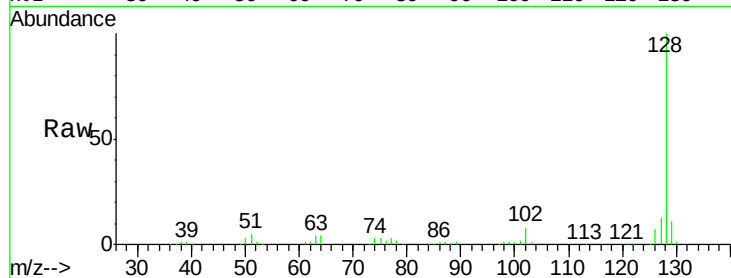
#31
Naphthalene
Concen: 32.88 ng
RT: 8.70 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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

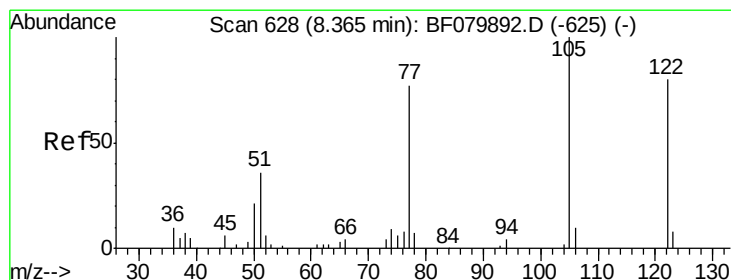
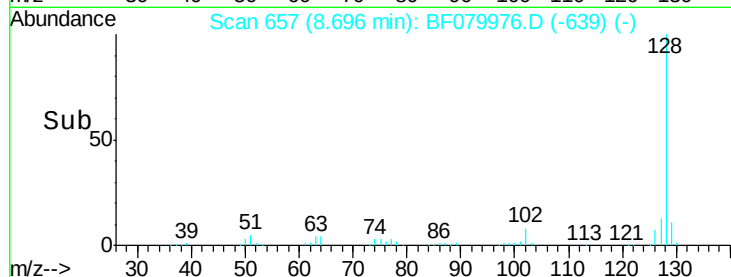
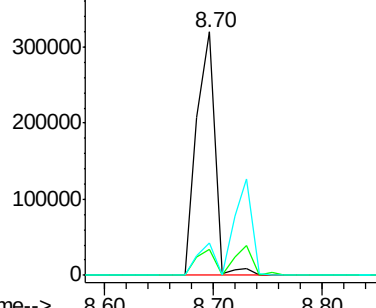
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	376248		
129	10.8	8.8	13.2	
127	13.1	10.5	15.7	

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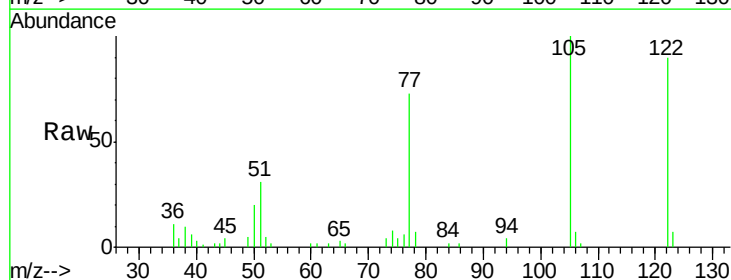


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

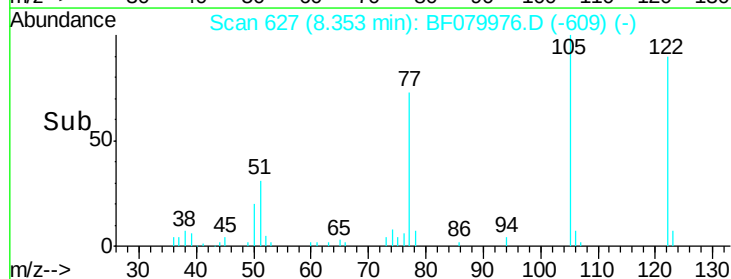
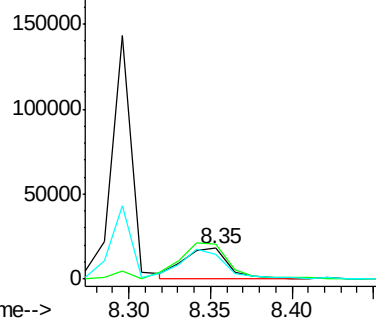


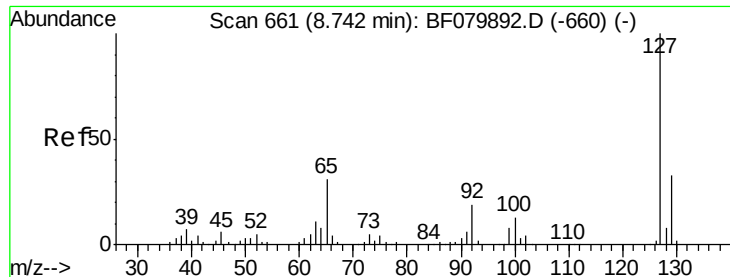
#32
Benzoic acid
Concen: 29.98 ng
RT: 8.35 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	33699		
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





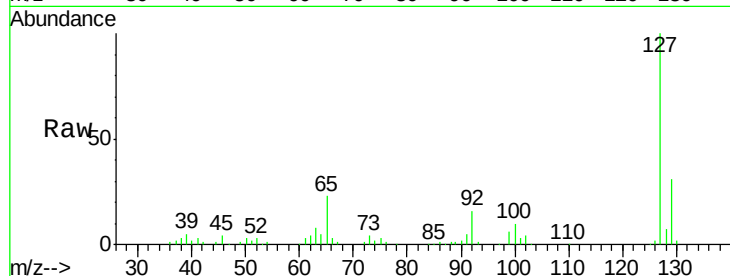
#33
4-Chloroaniline
Concen: 42.77 ng
RT: 8.73 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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

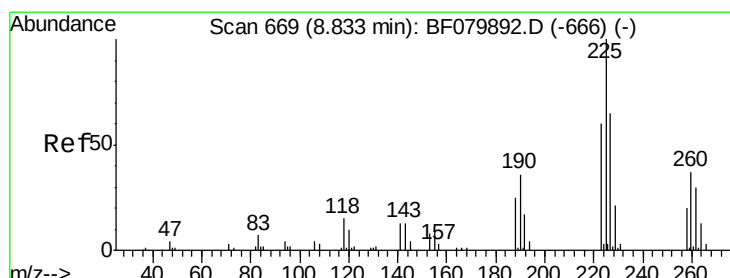
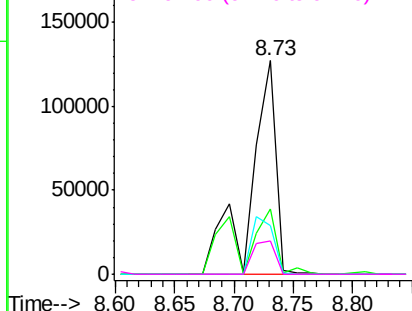
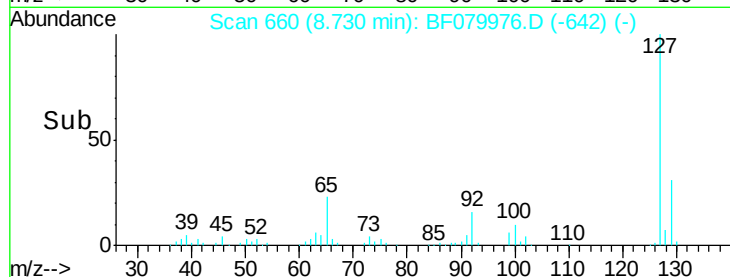
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	26.1	39.1	
65	22.6	25.5	38.3	
92	15.8	15.7	23.5	

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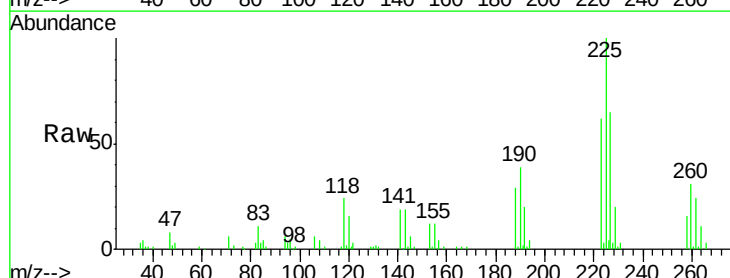


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

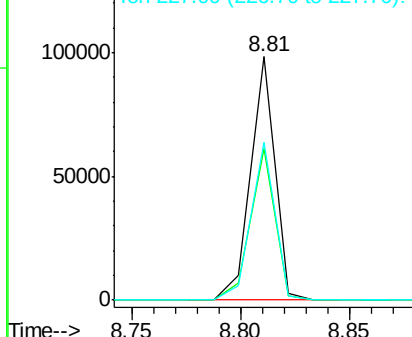
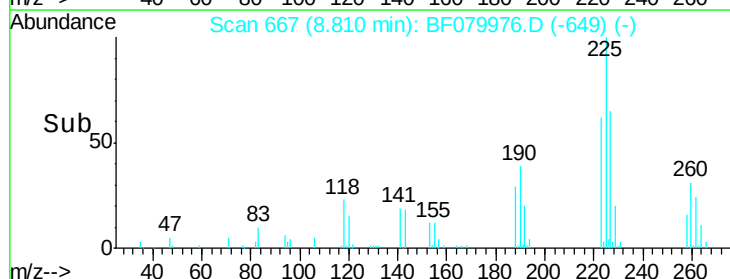


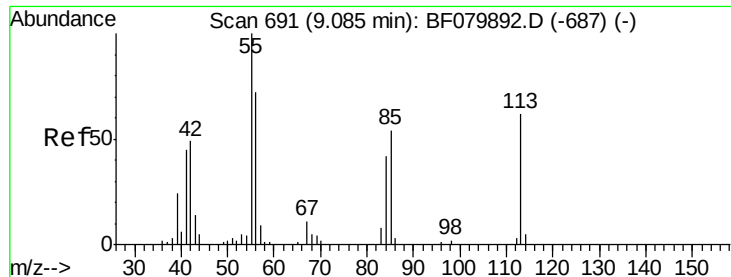
#34
Hexachlorobutadiene
Concen: 38.85 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp	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





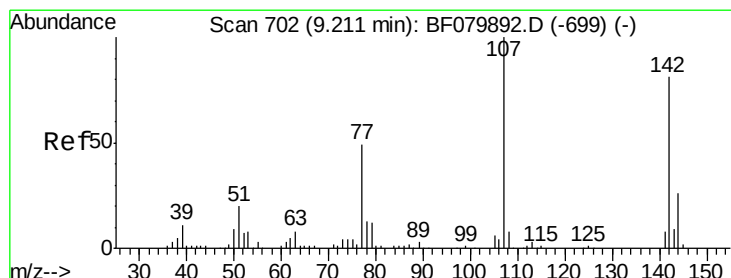
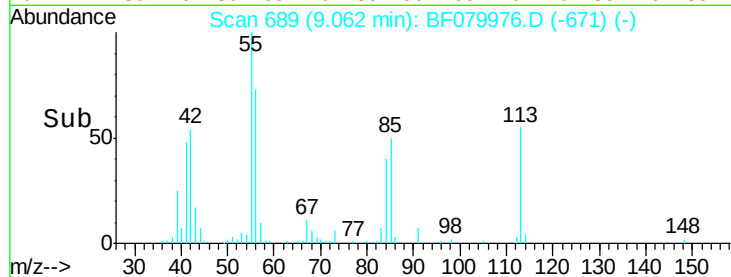
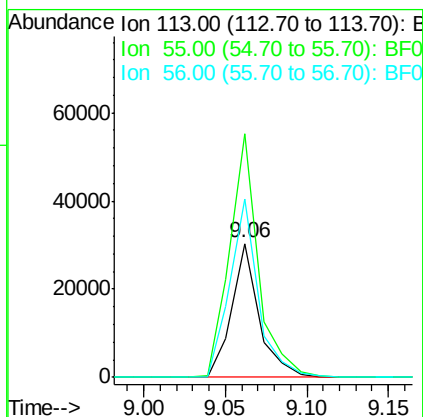
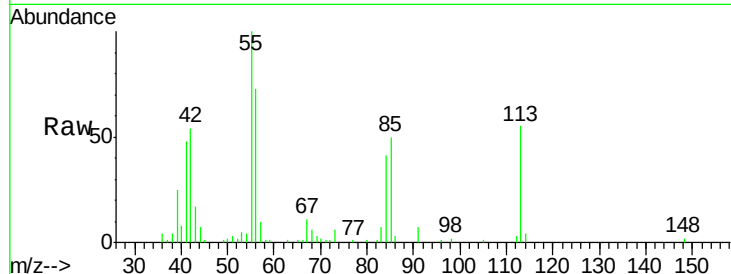
#35
 Caprolactam
 Concen: 39.91 ng
 RT: 9.06 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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

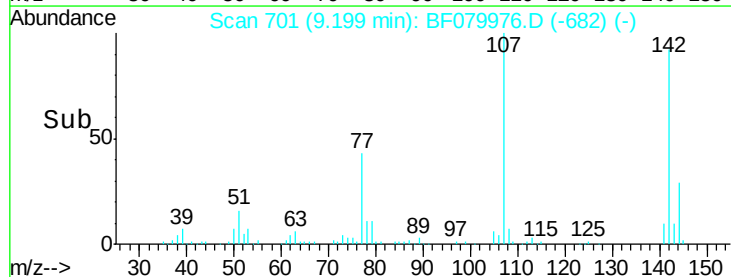
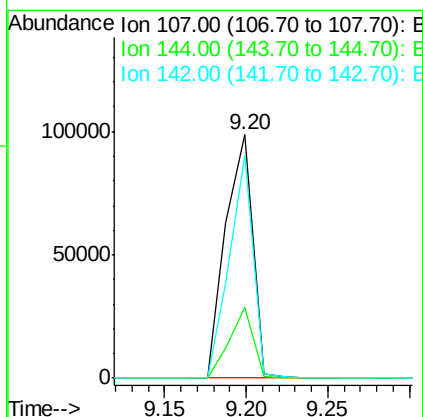
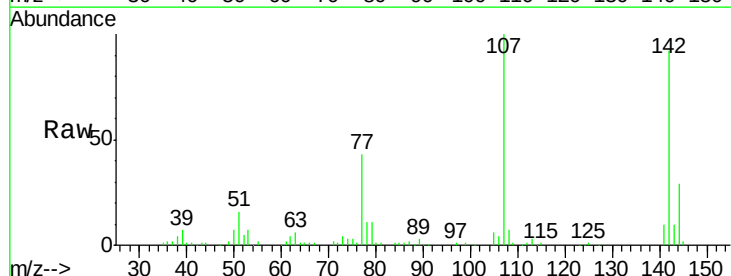
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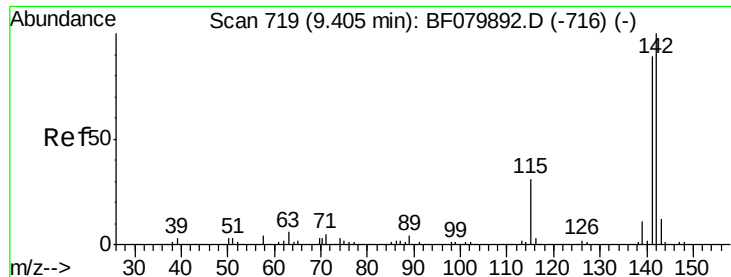
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#36
 4-Chloro-3-methylphenol
 Concen: 35.56 ng
 RT: 9.20 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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





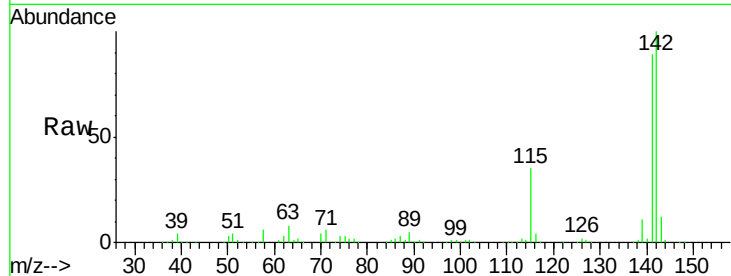
#37
2-Methylnaphthalene
Concen: 34.30 ng
RT: 9.38 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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

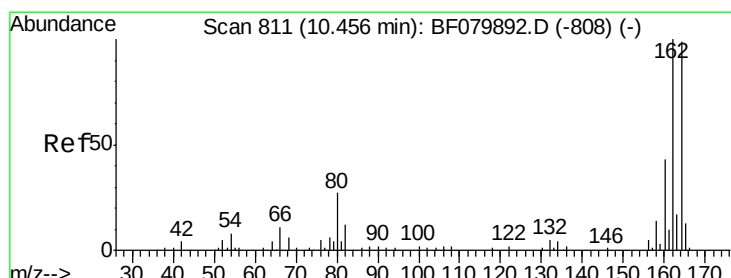
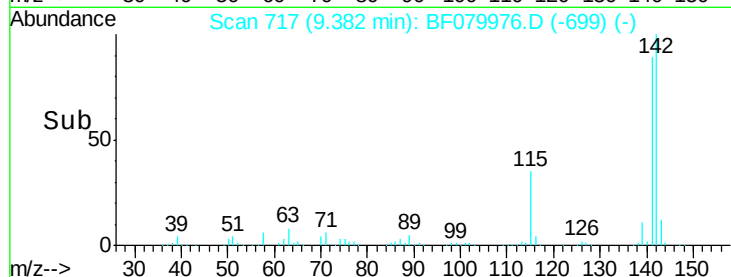
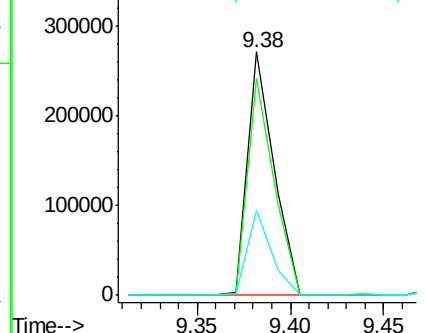
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	265215		
141	89.0	70.9	106.3	
115	35.0	25.0	37.4	

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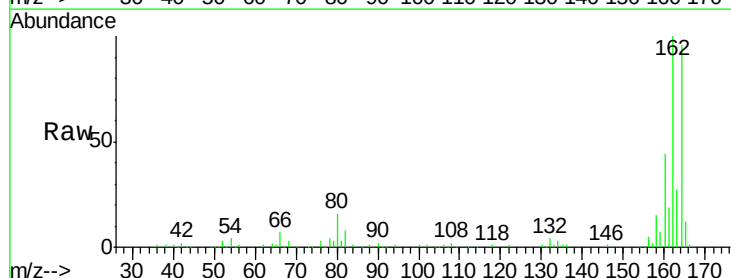


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

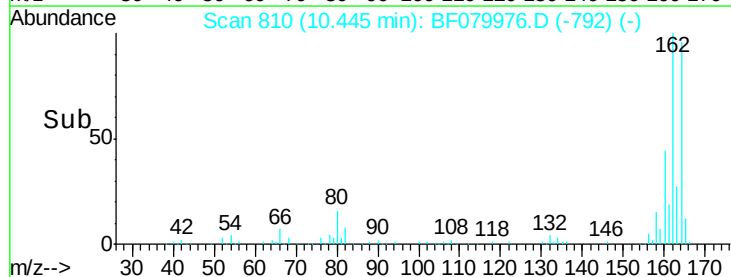
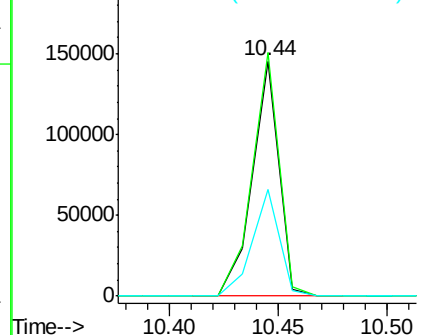


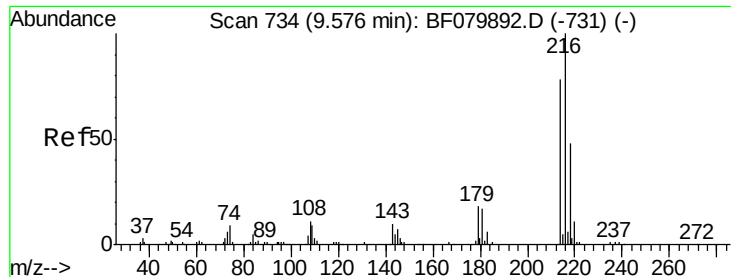
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	122645		
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 :

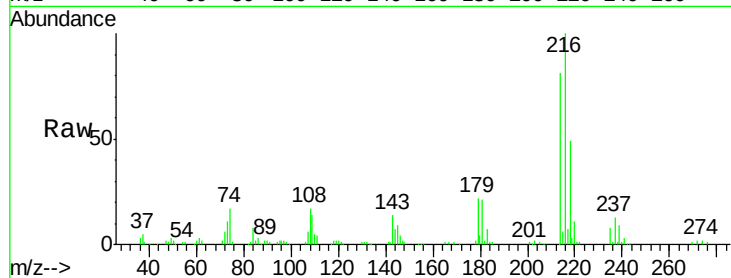
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	127872		
214	80.2	63.5	95.3	
179	21.2	15.8	23.8	
108	19.2	13.7	20.5	

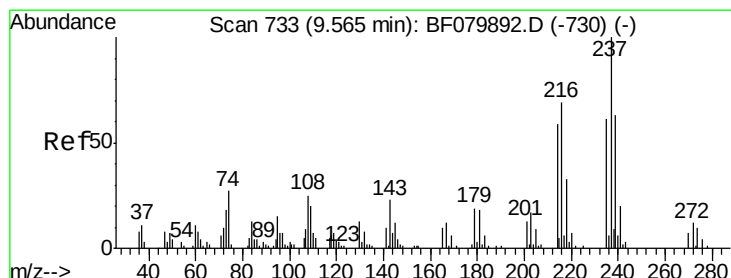
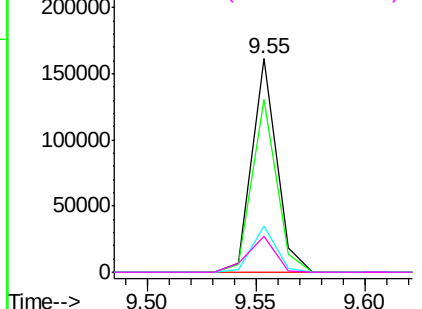
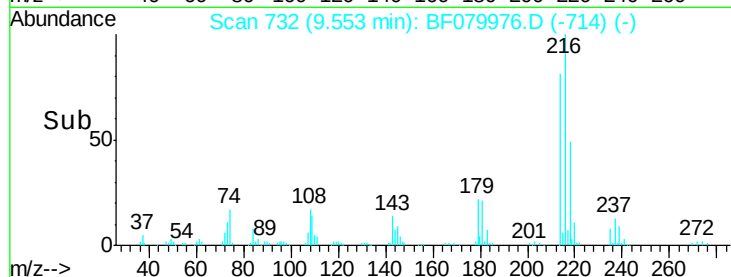


Abundance Ion 216.00 (215.70 to 216.70): E

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

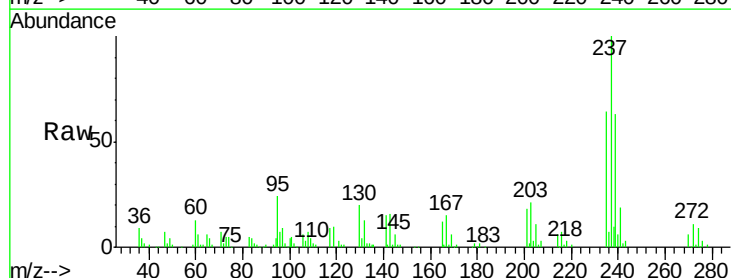
RT: 9.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

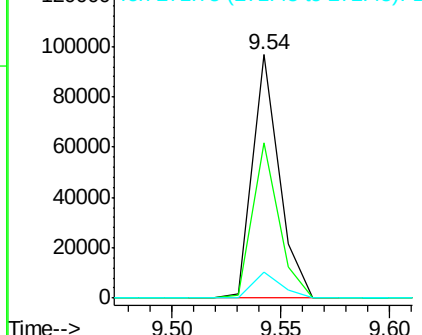
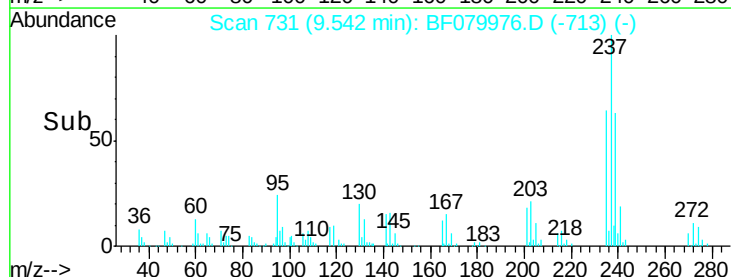
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	82217		
235	63.7	41.3	81.3	
272	10.8	0.0	32.2	

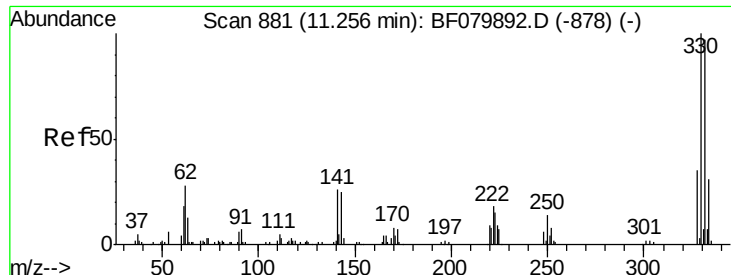


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





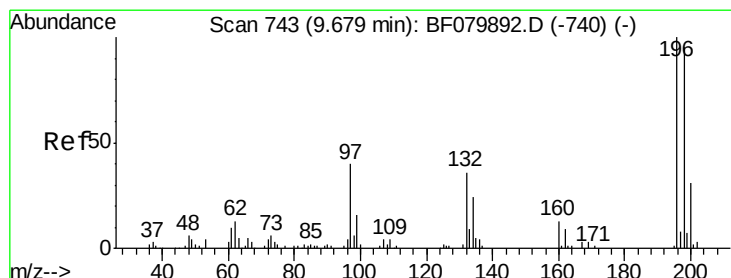
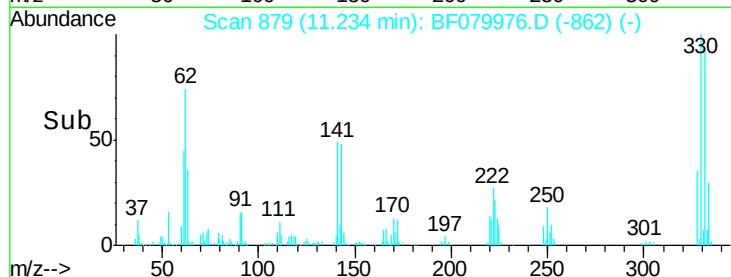
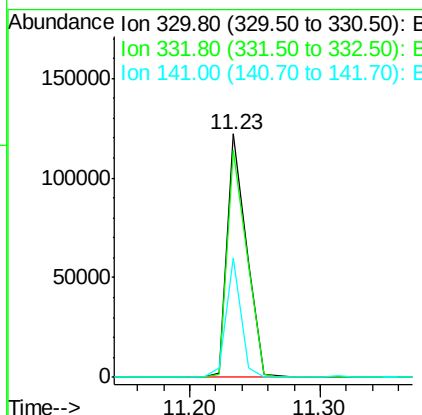
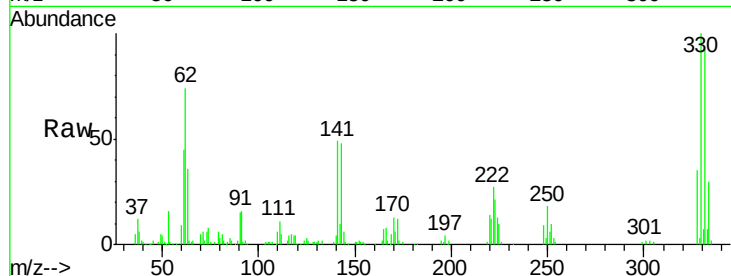
#41
 2,4,6-Tribromophenol
 Concen: 102.59 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	125929		
332	94.5	77.3	115.9	
141	38.0	26.8	40.2	

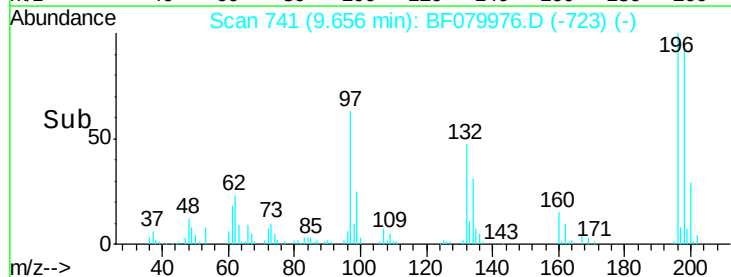
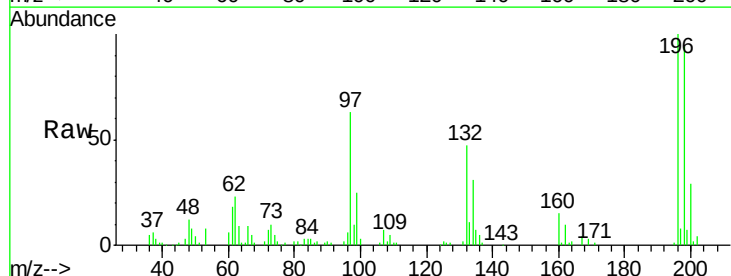
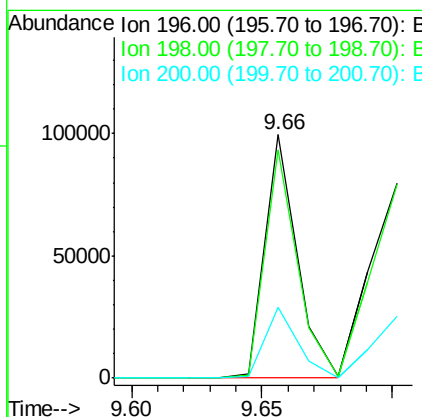
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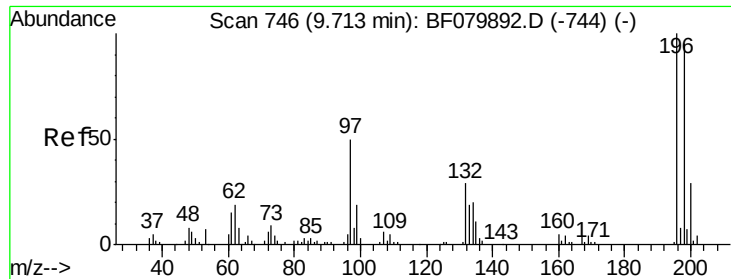
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#42
 2,4,6-Trichlorophenol
 Concen: 33.34 ng
 RT: 9.66 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84388		
198	93.8	76.0	114.0	
200	29.1	24.9	37.3	





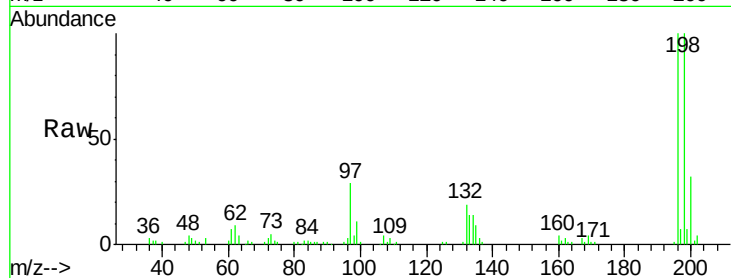
#43
 2,4,5-Trichlorophenol
 Concen: 31.18 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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

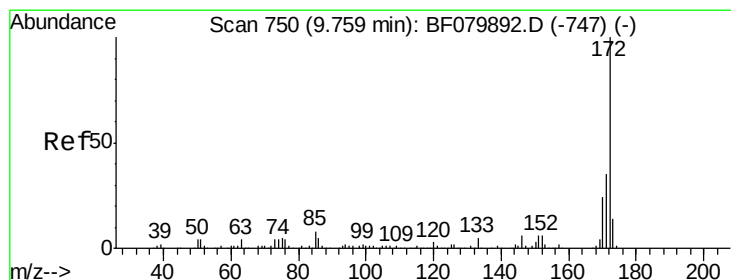
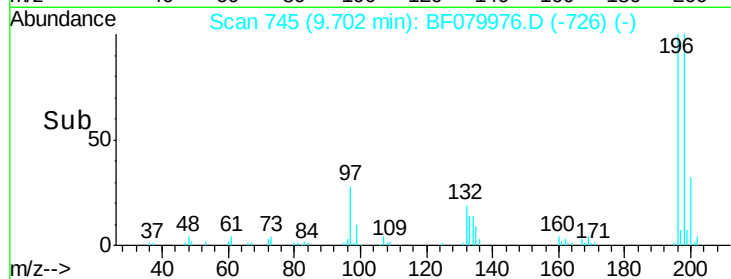
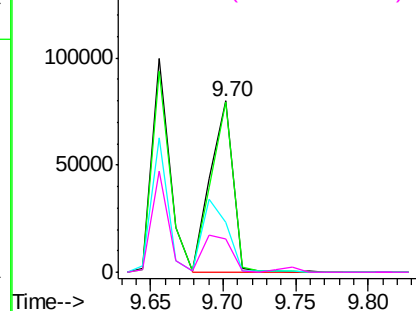
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	87098		
198	99.5	76.0	114.0	
97	28.9	39.4	59.2	
132	19.5	23.6	35.4	

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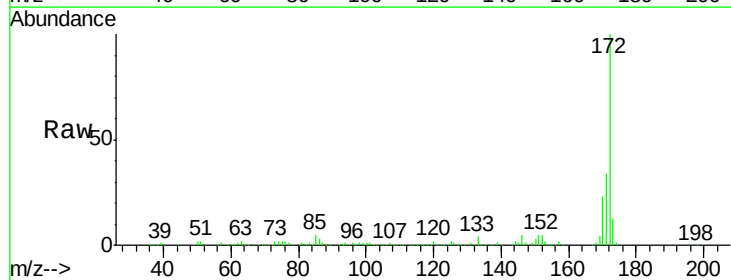


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

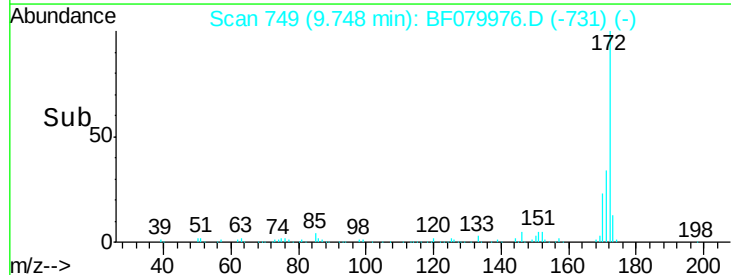
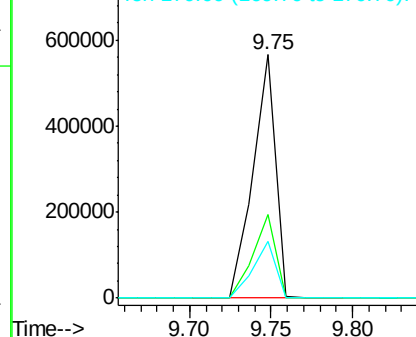


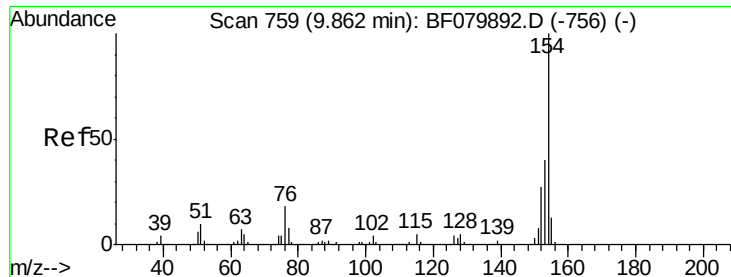
#44
 2-Fluorobiphenyl
 Concen: 61.90 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	542171		
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

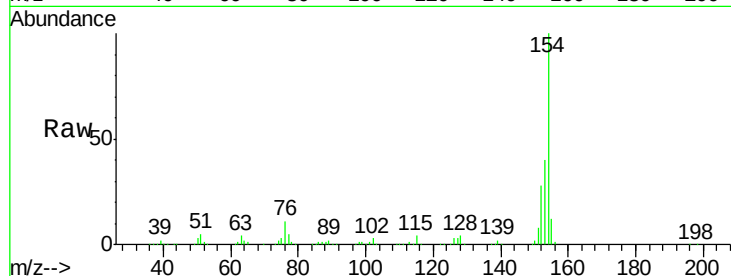
ClientSampleId :

VALHALLA-W1-9.5-10MSD

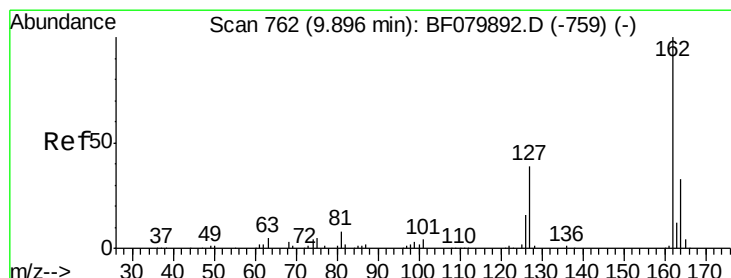
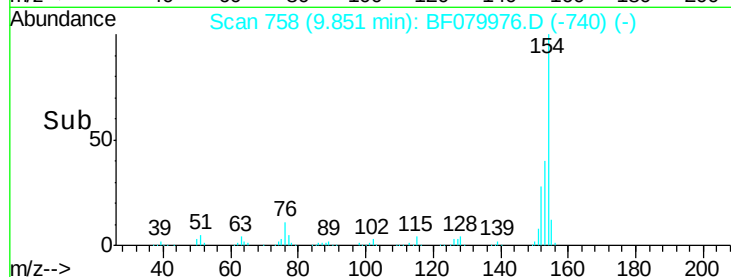
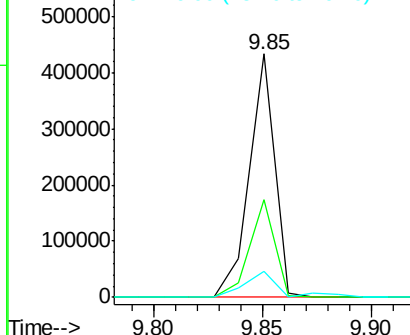
Tgt Ion:	154	Resp:	350596
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.1	60.1
76	10.7	0.0	38.4

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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

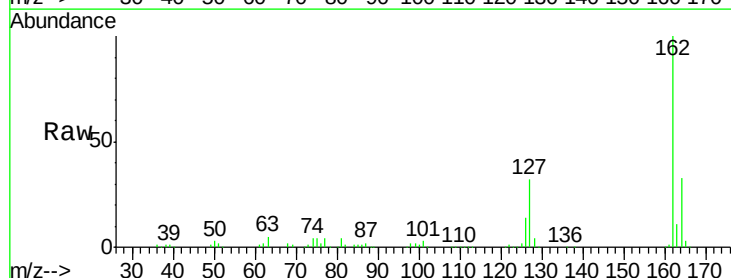
RT: 9.88 min Scan# 761

Delta R.T. 0.00 min

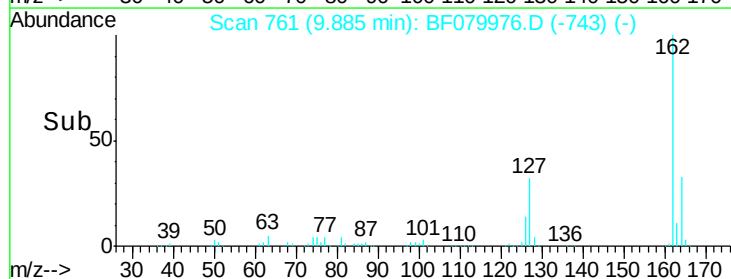
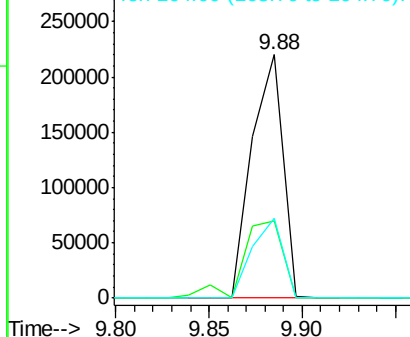
Lab File: BF079976.D

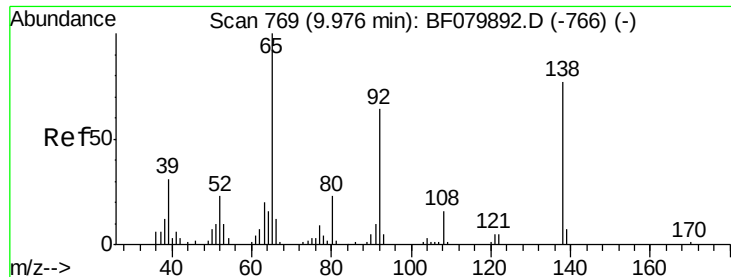
Acq: 13 Jun 2015 13:32

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

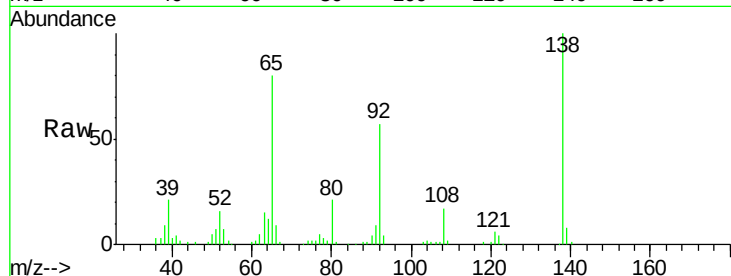
Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

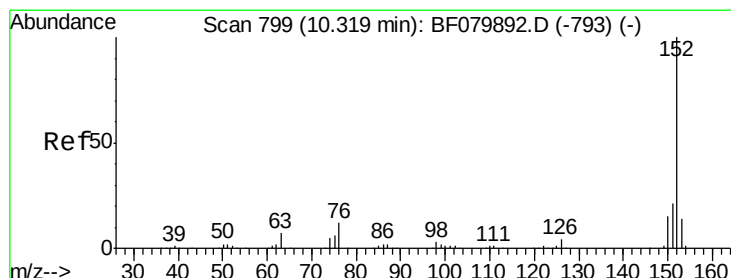
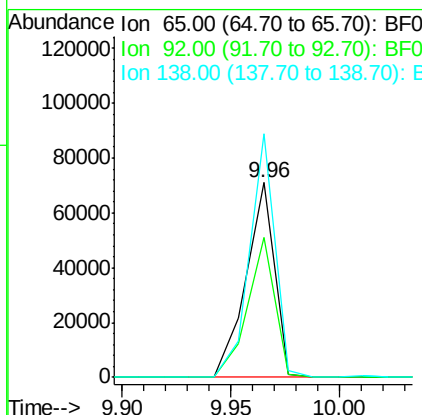
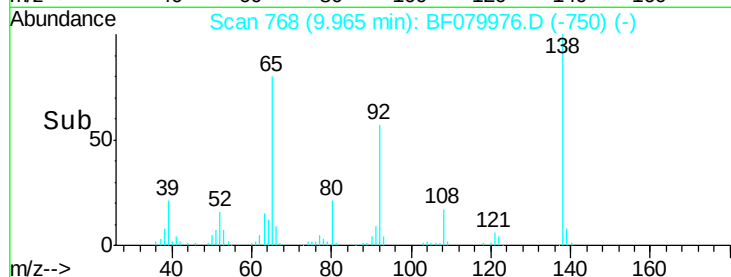
VALHALLA-W1-9.5-10MSD



Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	51.1	76.7
138	125.2	62.0	93.0

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#48

Acenaphthylene

Concen: 30.16 ng

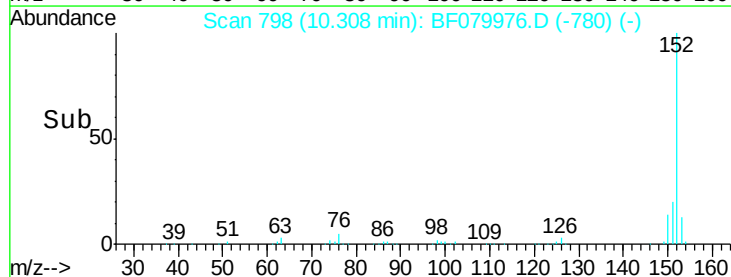
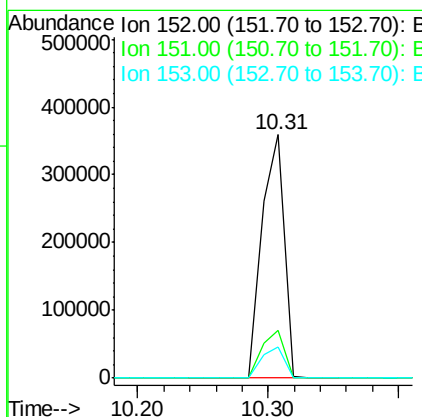
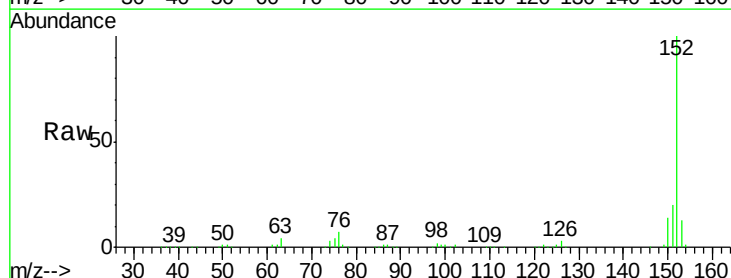
RT: 10.31 min Scan# 798

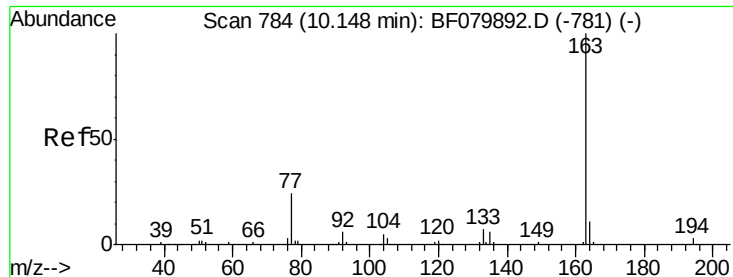
Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.8	25.2
153	12.5	10.8	16.2





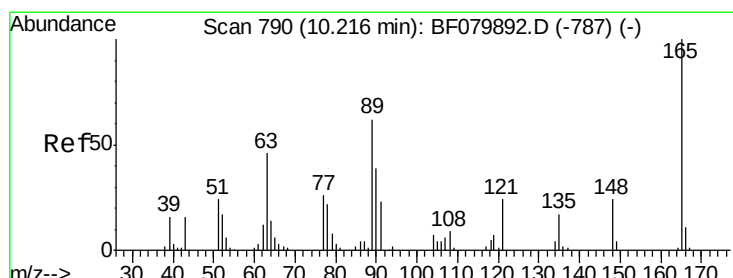
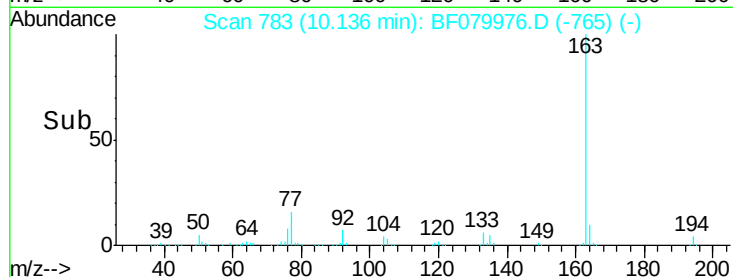
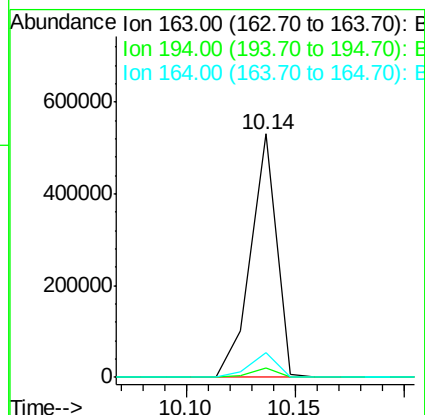
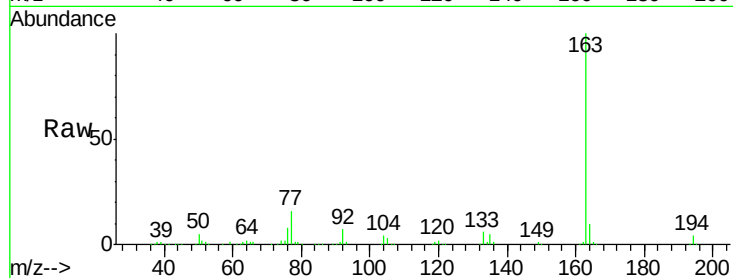
#49
Dimethylphthalate
Concen: 44.53 ng
RT: 10.14 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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

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

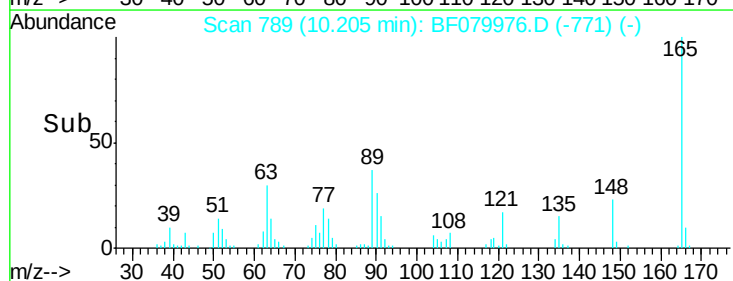
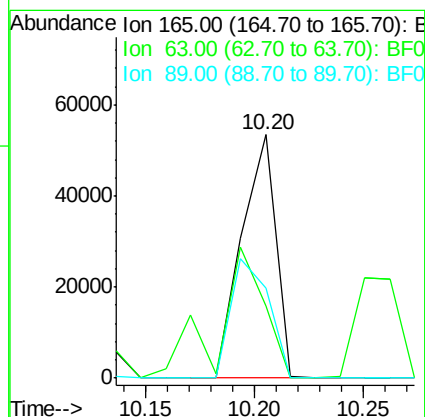
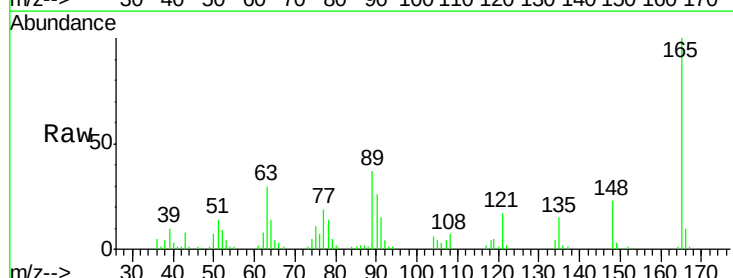
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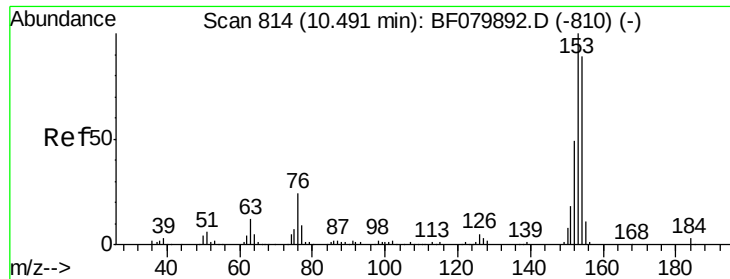
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#50
2,6-Dinitrotoluene
Concen: 33.27 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	57947		
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

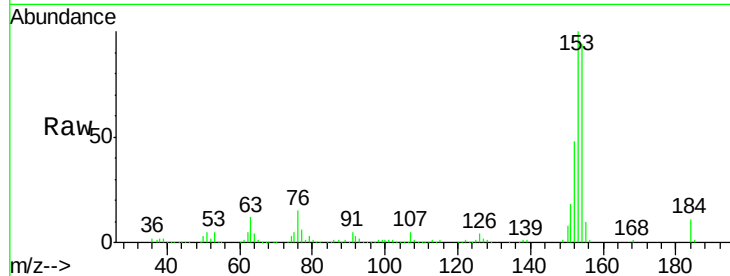
Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

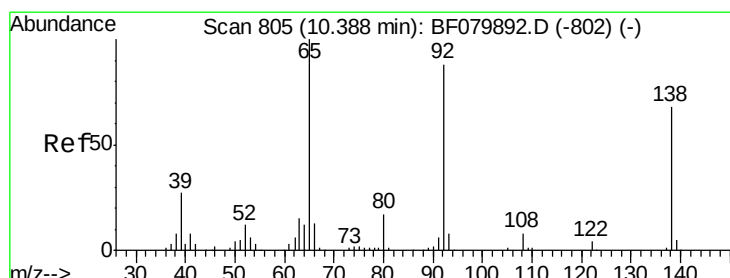
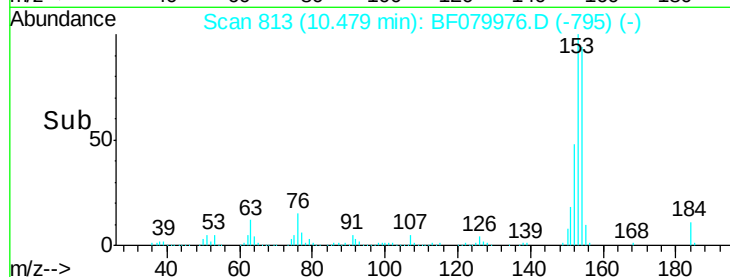
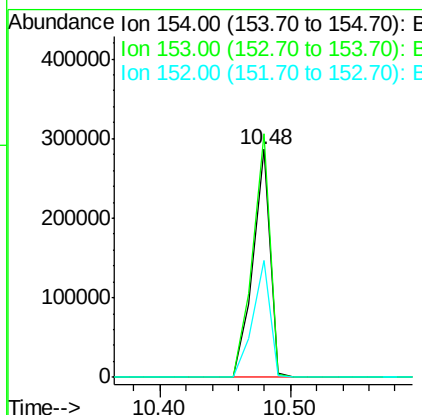
VALHALLA-W1-9.5-10MSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	265235		
153	106.8	90.0	135.0	
152	51.1	43.7	65.5	

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#52

3-Nitroaniline

Concen: 32.75 ng

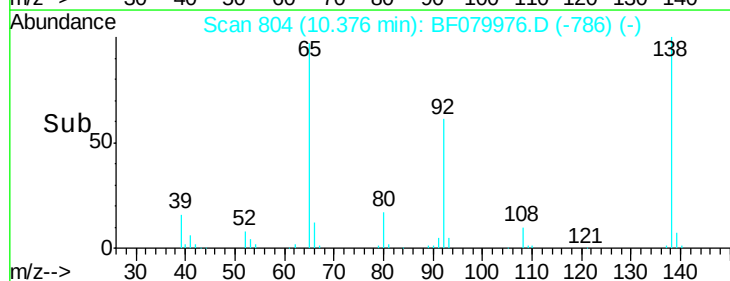
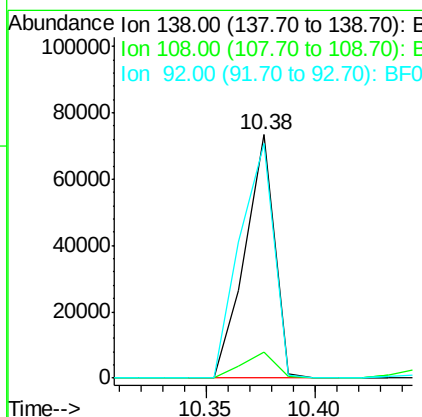
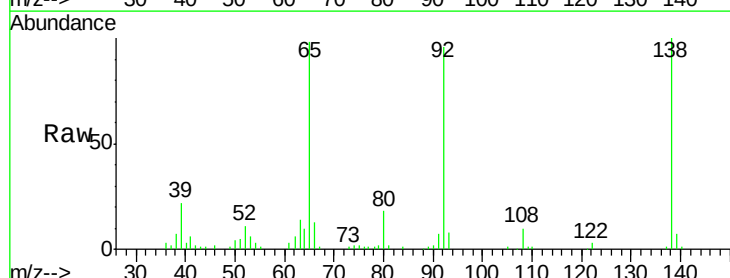
RT: 10.38 min Scan# 804

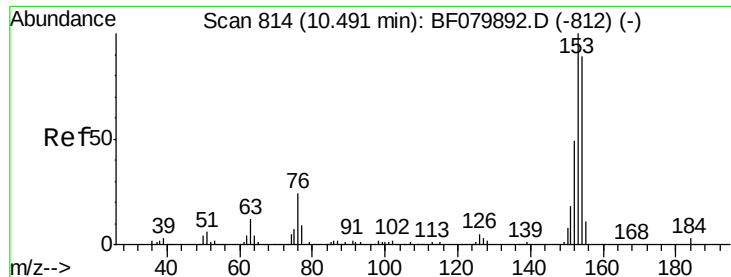
Delta R.T. 0.00 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	69363		
108	10.5	9.0	13.6	
92	96.2	103.1	154.7#	





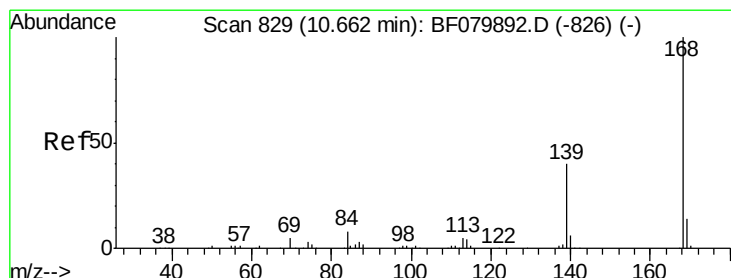
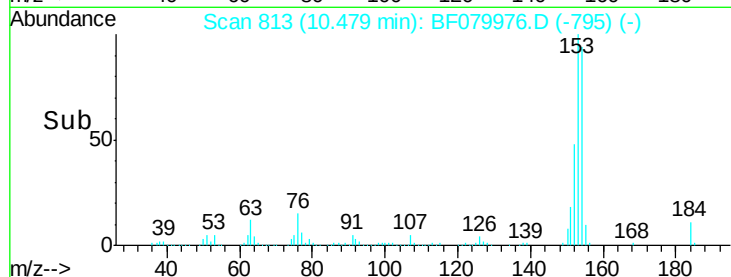
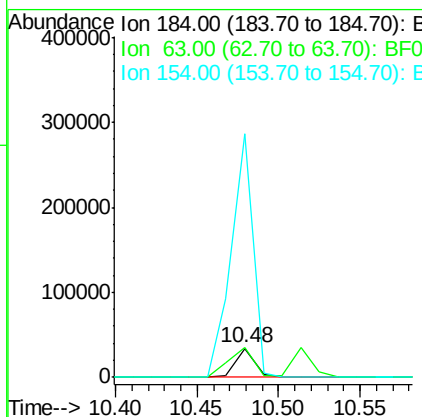
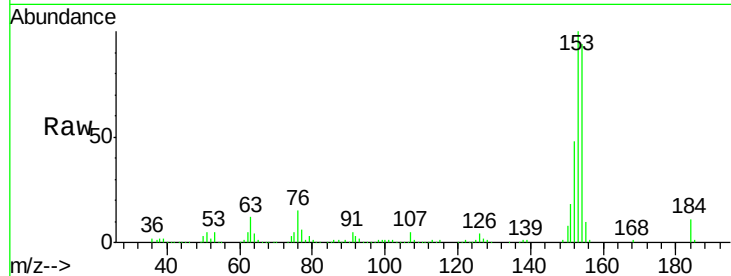
#53
2,4-Dinitrophenol
Concen: 76.73 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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.

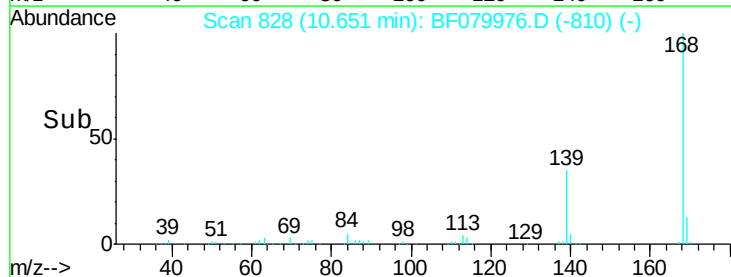
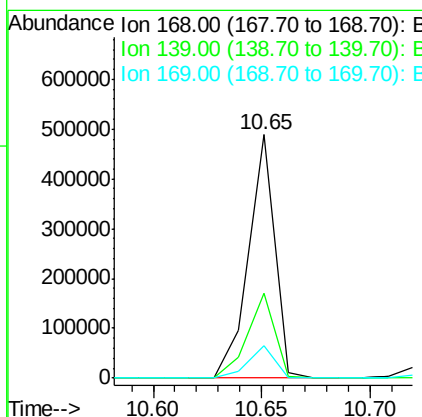
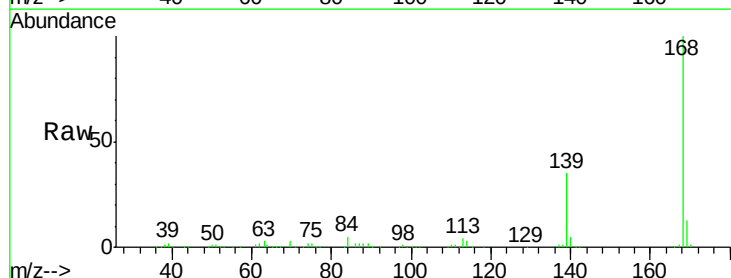
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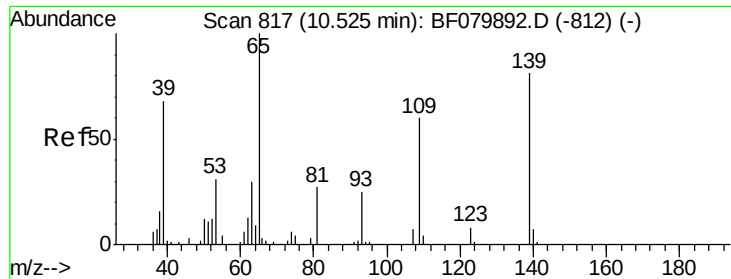
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#54
Dibenzofuran
Concen: 34.44 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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





#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 :

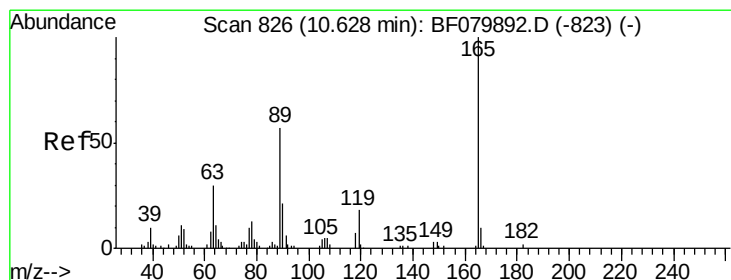
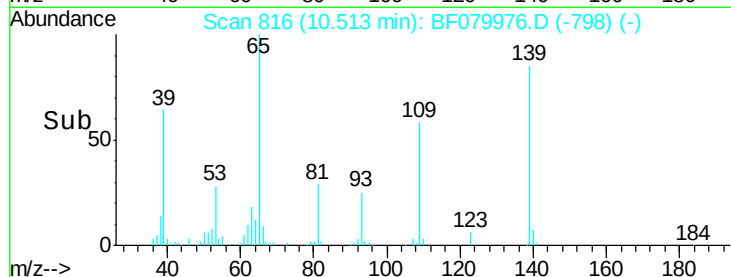
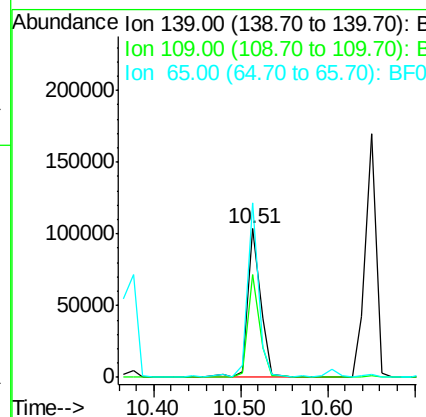
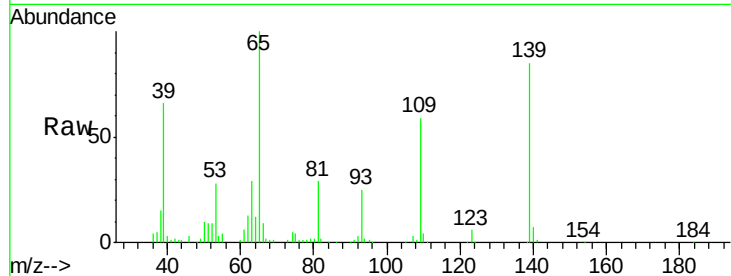
VALHALLA-W1-9.5-10MSD

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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

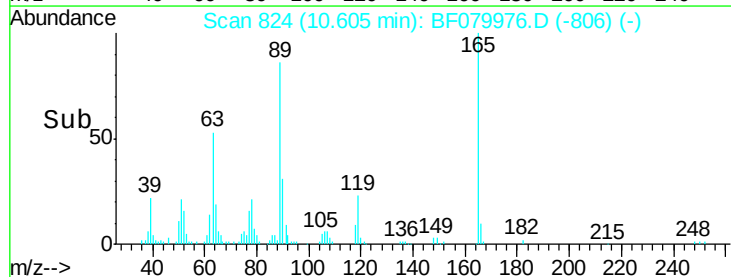
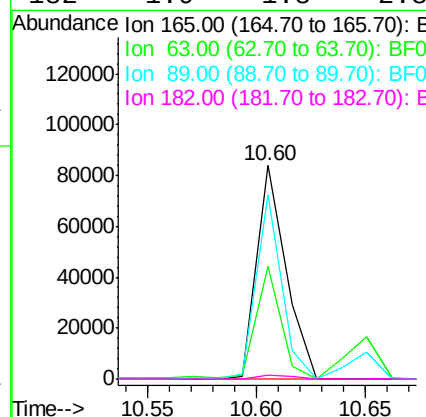
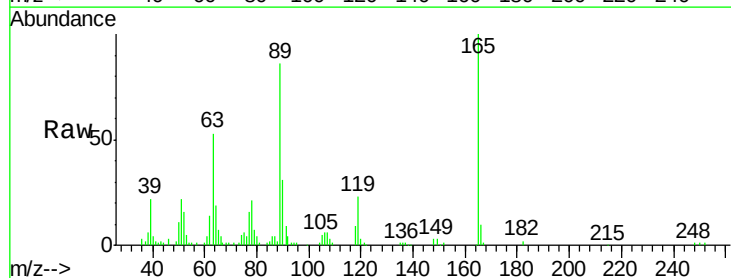
RT: 10.60 min Scan# 824

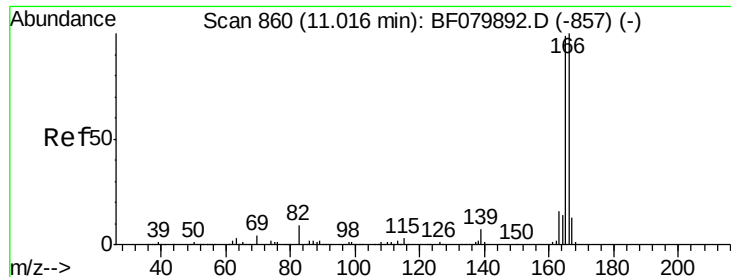
Delta R.T. 0.00 min

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





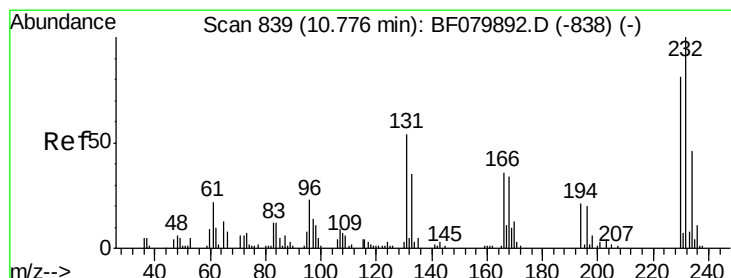
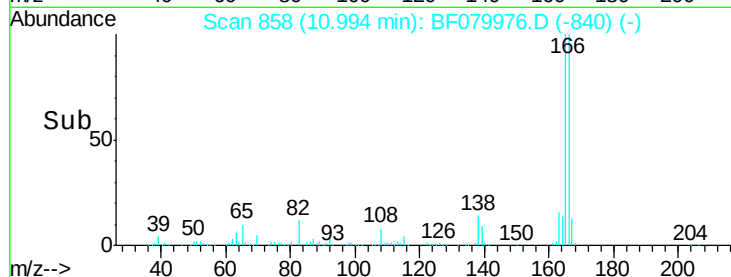
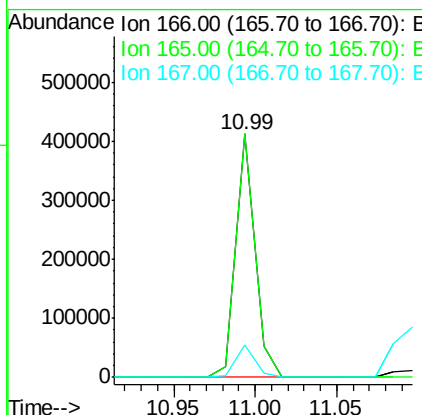
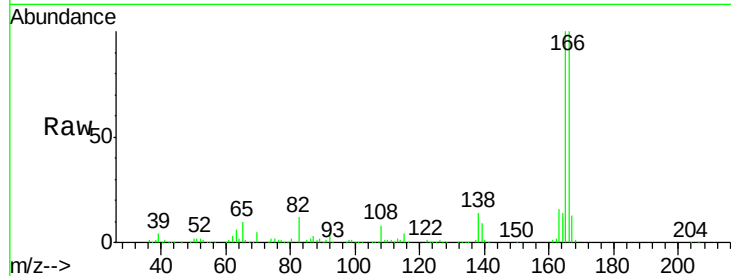
#57
 Fluorene
 Concen: 32.25 ng
 RT: 10.99 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	332952		
165	99.8	79.0	118.6	
167	13.5	10.3	15.5	

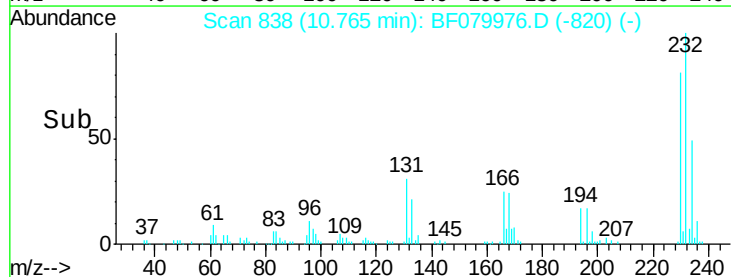
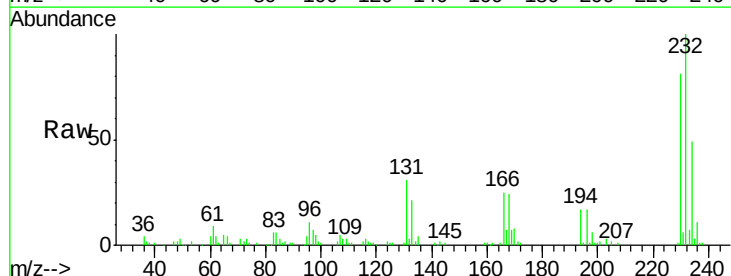
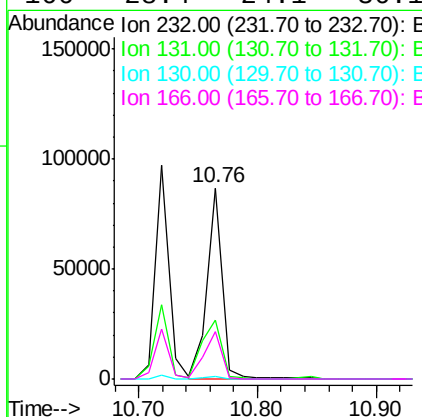
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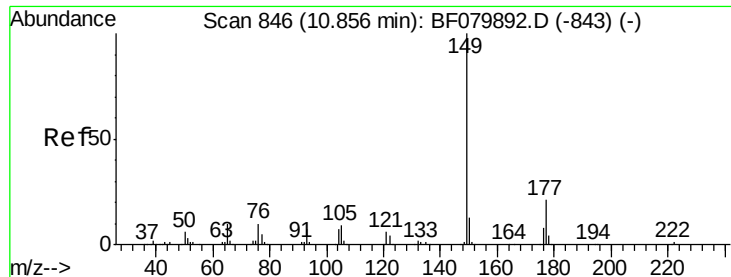
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.95 ng
 RT: 10.76 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	78245		
131	40.3	35.4	53.2	
130	1.9	1.5	2.3	
166	28.4	24.1	36.1	





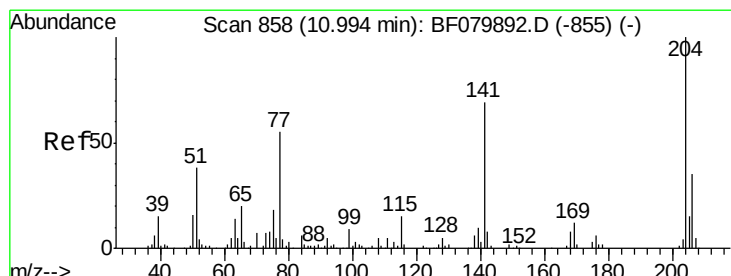
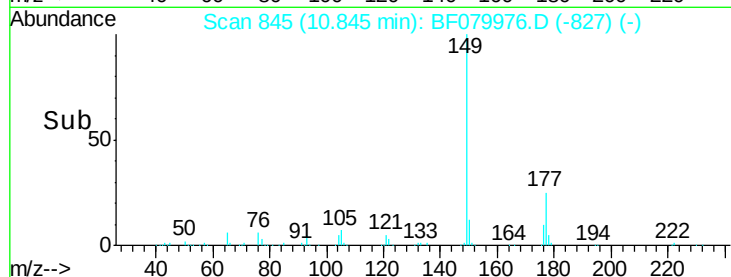
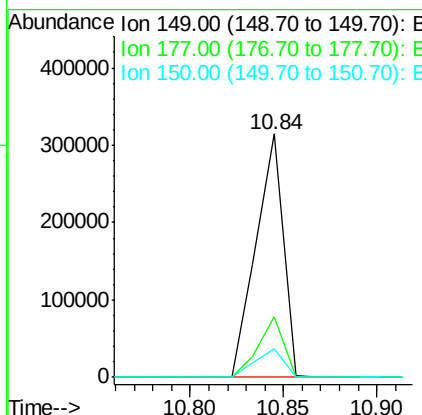
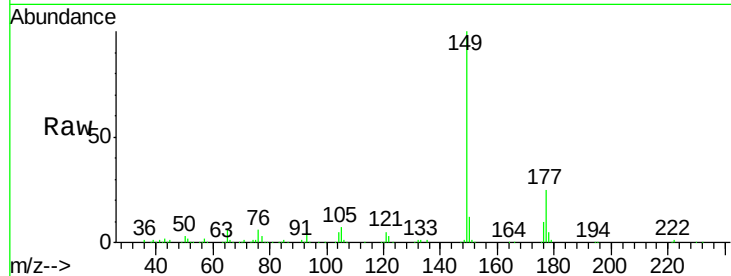
#59
Diethylphthalate
Concen: 32.27 ng
RT: 10.84 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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

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

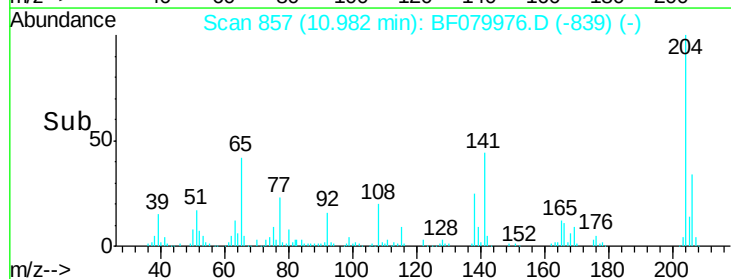
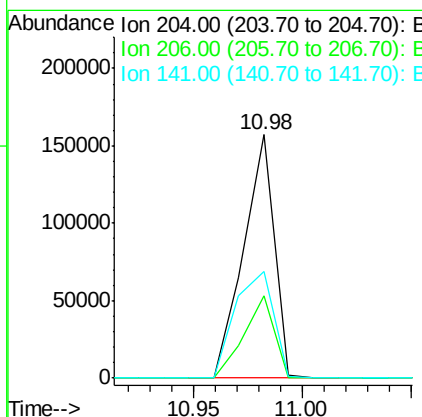
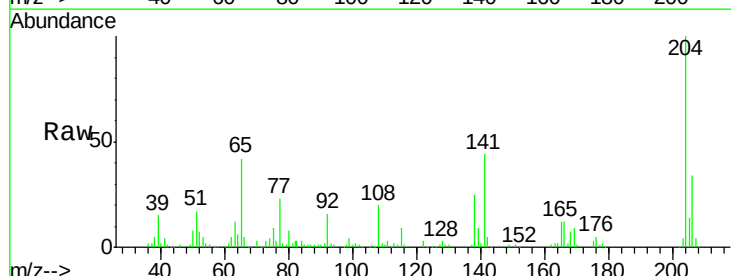
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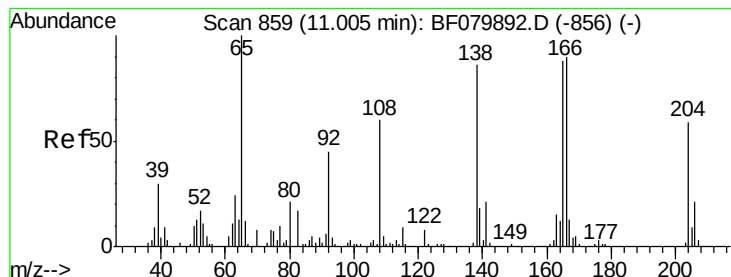
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 33.33 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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





#61

4-Nitroaniline

Concen: 30.91 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079976.D

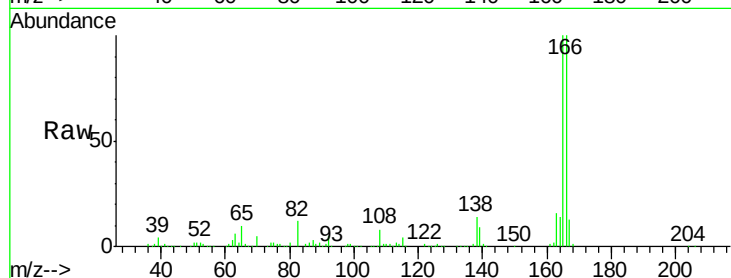
Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

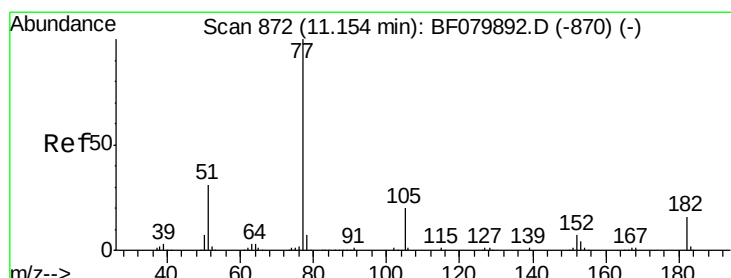
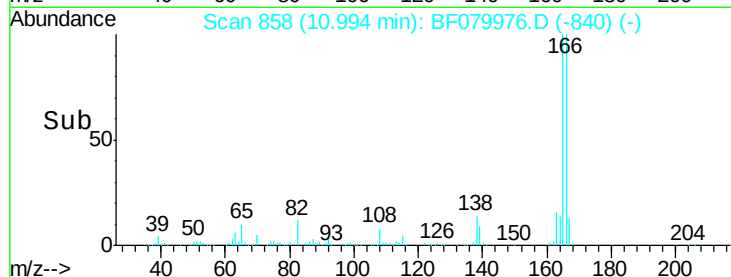
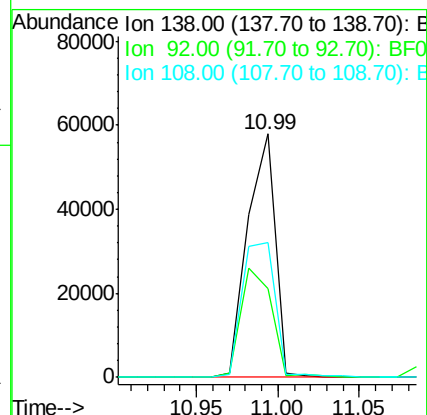
VALHALLA-W1-9.5-10MSD



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

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#62

Azobenzene

Concen: 32.19 ng

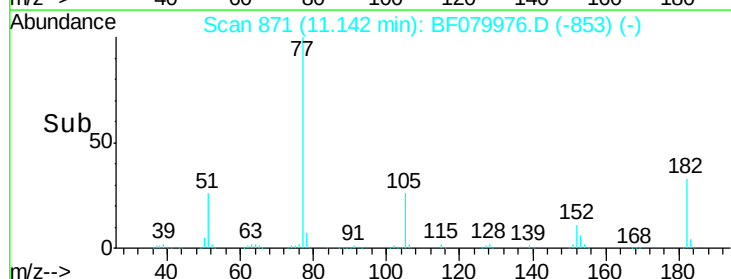
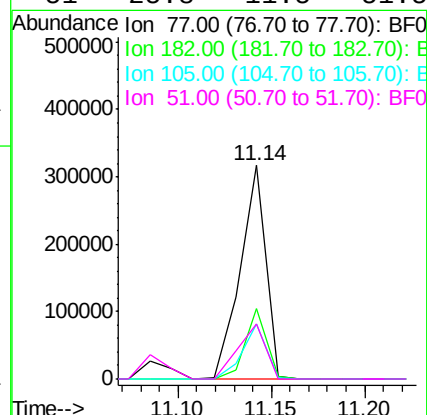
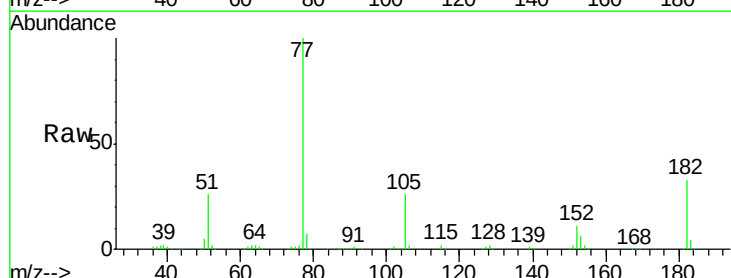
RT: 11.14 min Scan# 871

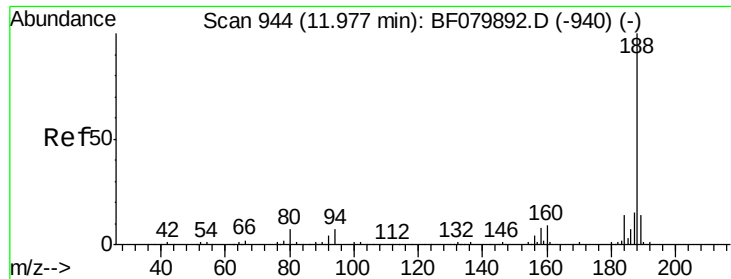
Delta R.T. 0.00 min

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





#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

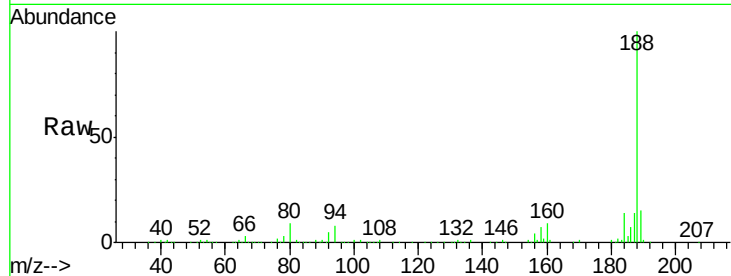
ClientSampleId :

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

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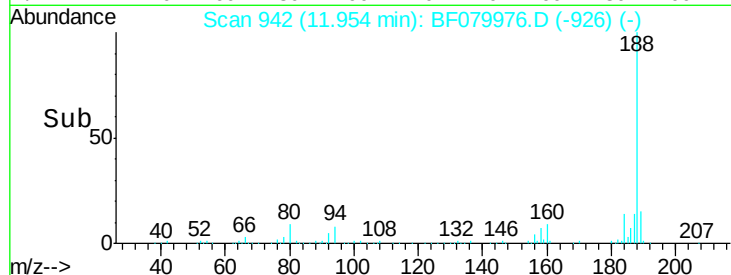


Abundance Ion 188.00 (187.70 to 188.70): E

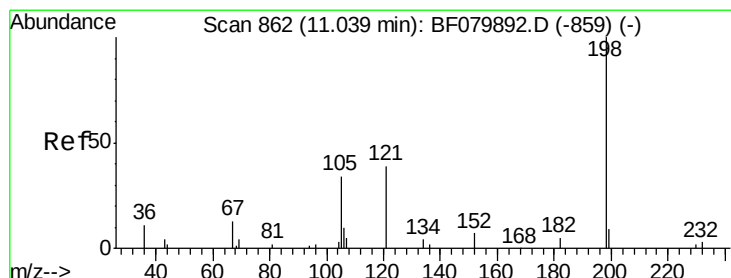
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 35.51 ng

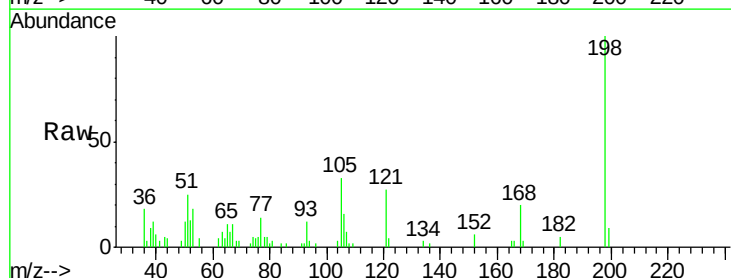
RT: 11.03 min Scan# 861

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

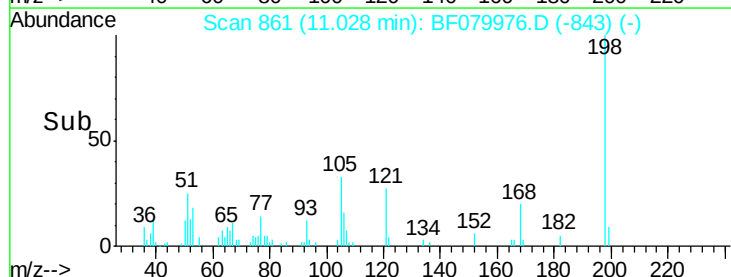


Abundance Ion 198.00 (197.70 to 198.70): E

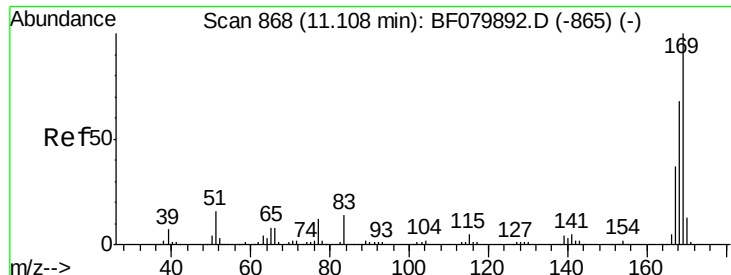
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



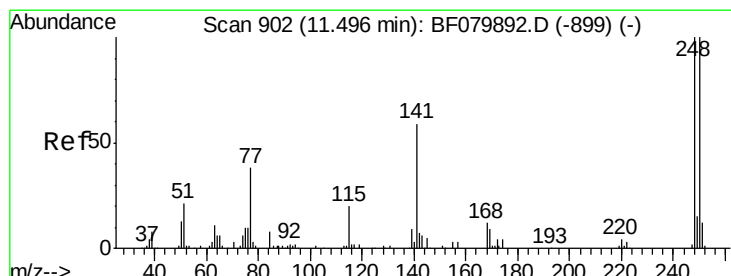
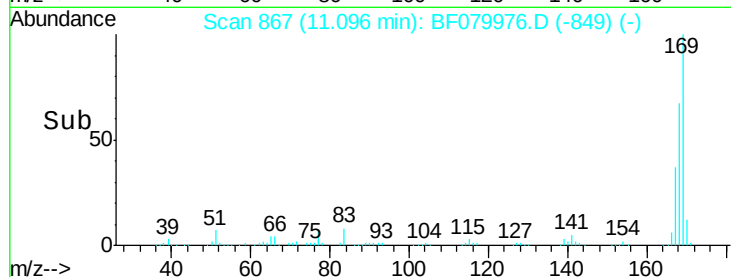
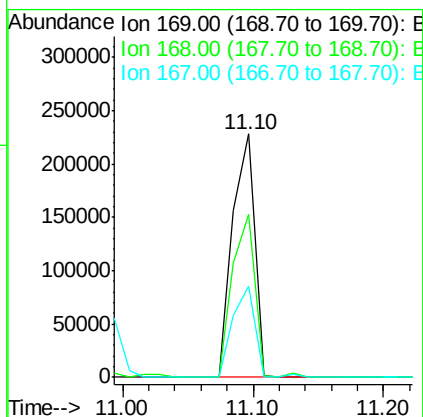
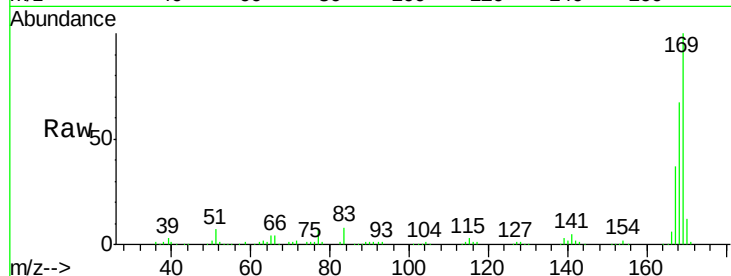
#65
 n-Nitrosodiphenylamine
 Concen: 30.57 ng
 RT: 11.10 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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

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

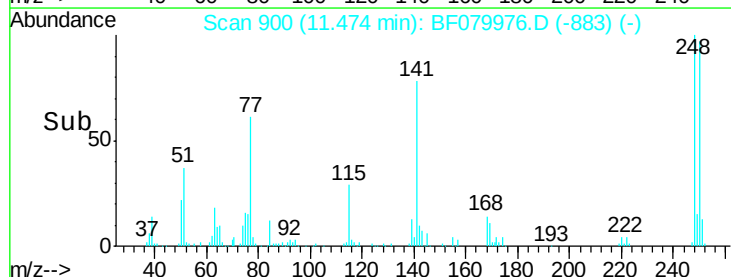
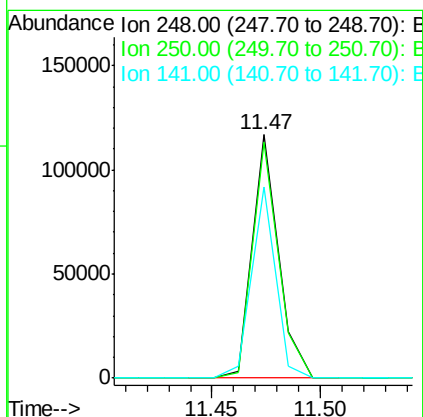
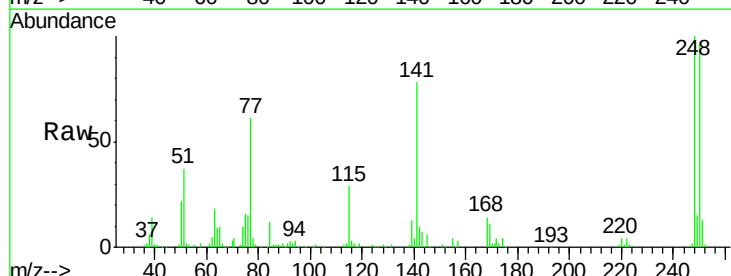
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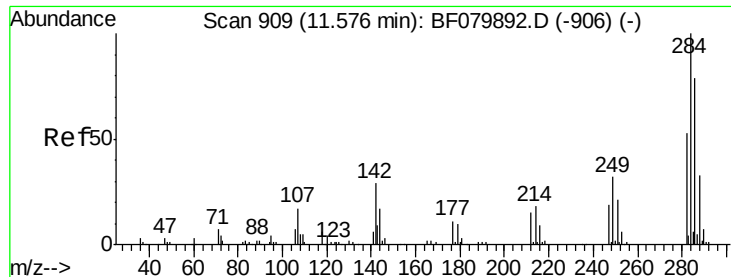
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#66
 4-Bromophenyl-phenylether
 Concen: 32.19 ng
 RT: 11.47 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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





#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

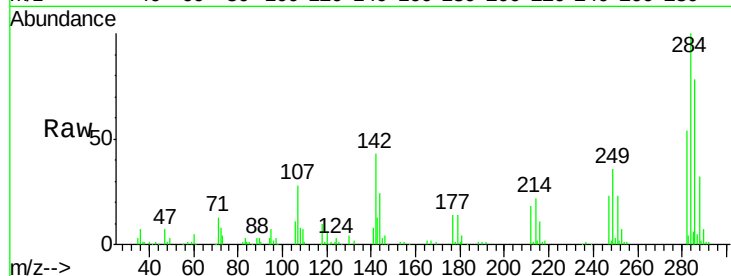
ClientSampleId :

VALHALLA-W1-9.5-10MSD

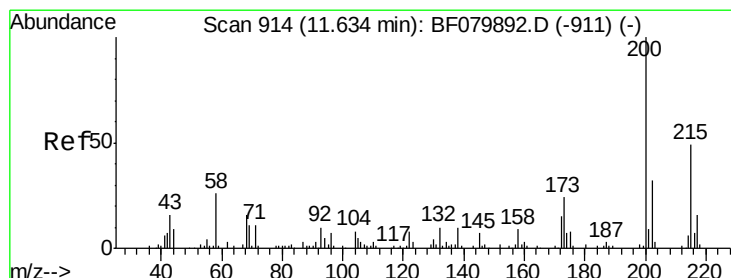
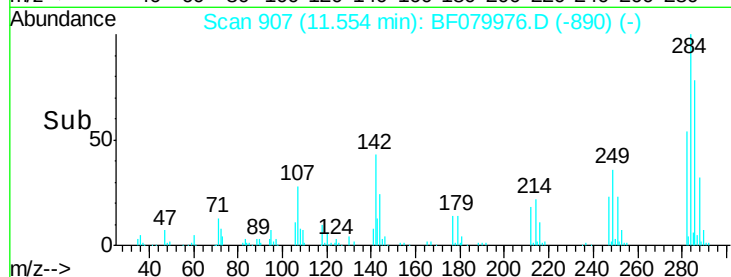
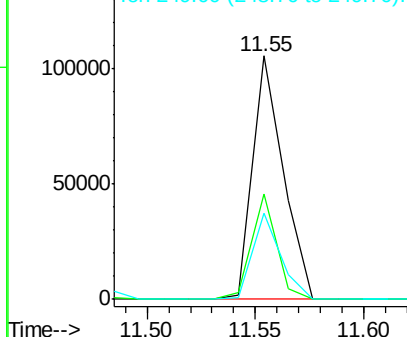
Tgt Ion:	284	Resp:	102977
Ion Ratio	Lower	Upper	
284	100		
142	43.4	23.5	35.3#
249	35.6	25.3	37.9

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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

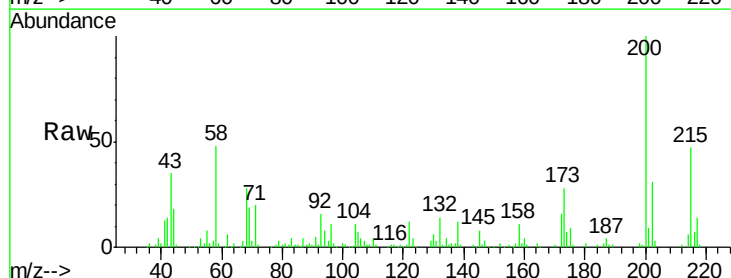
RT: 11.61 min Scan# 912

Delta R.T. -0.01 min

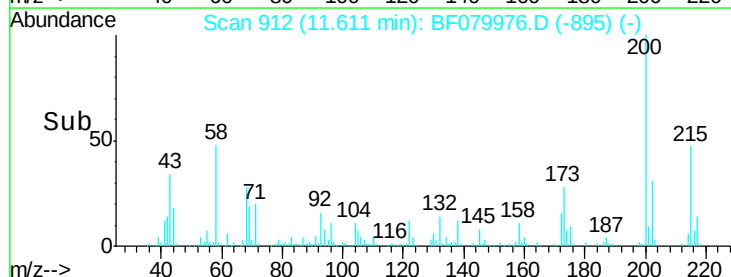
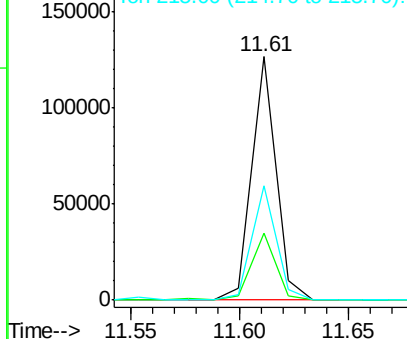
Lab File: BF079976.D

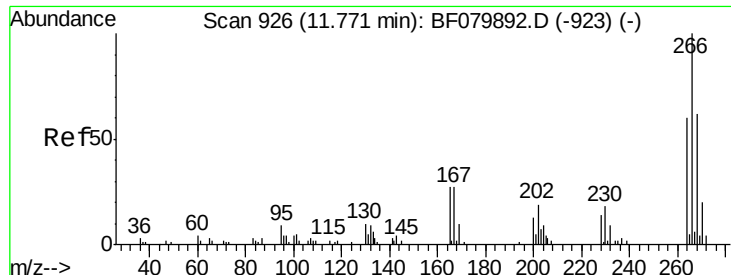
Acq: 13 Jun 2015 13:32

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





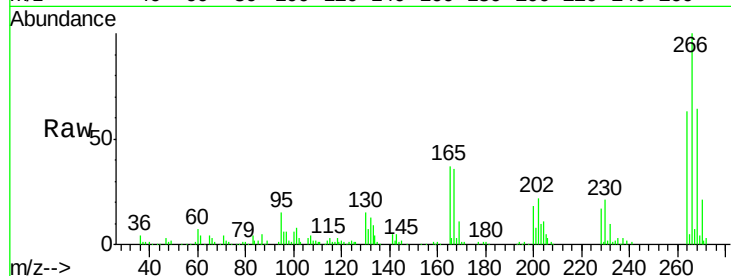
#69
 Pentachlorophenol
 Concen: 67.26 ng
 RT: 11.75 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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

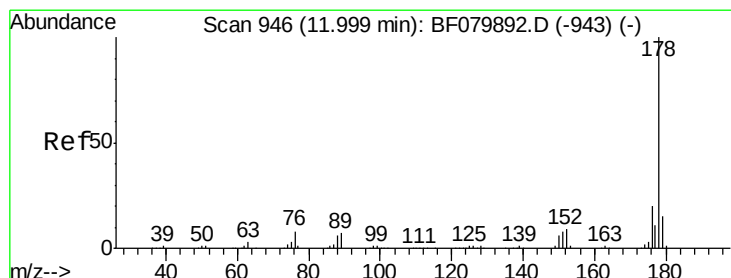
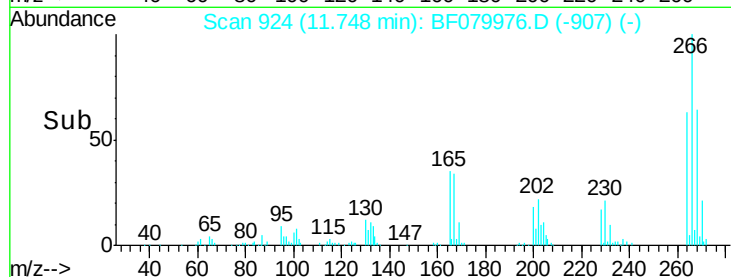
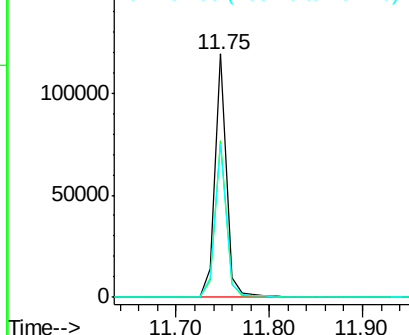
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	102144		
268	64.2	49.4	74.2	
264	63.1	47.7	71.5	

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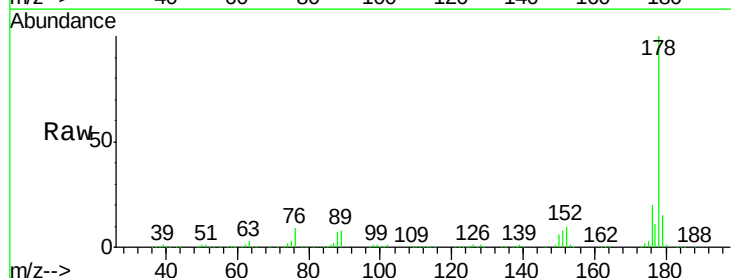


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

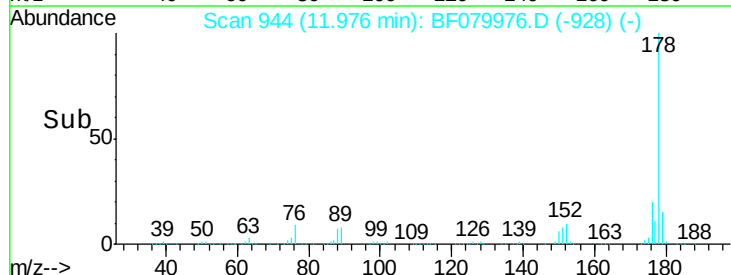
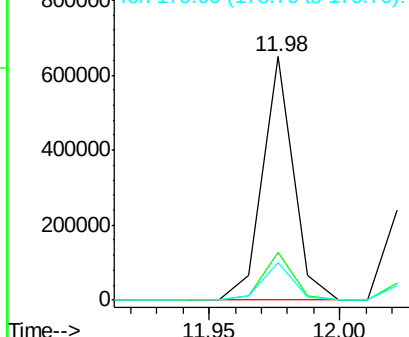


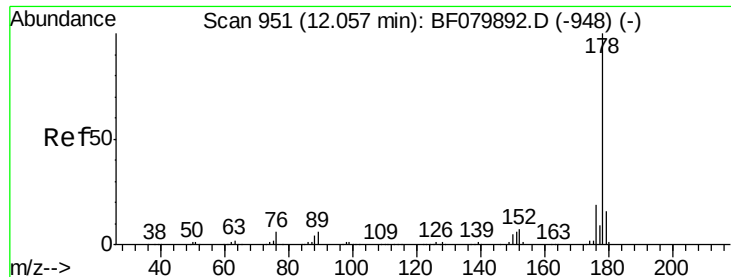
#70
 Phenanthrene
 Concen: 33.33 ng
 RT: 11.98 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	537271		
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 :

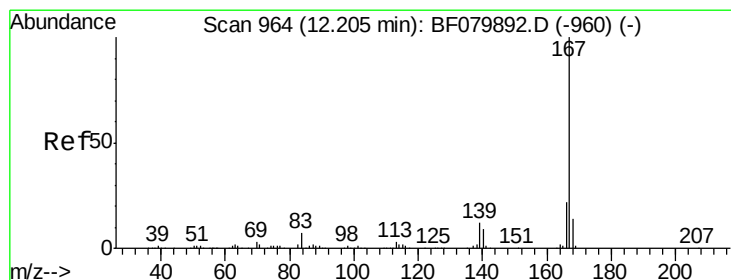
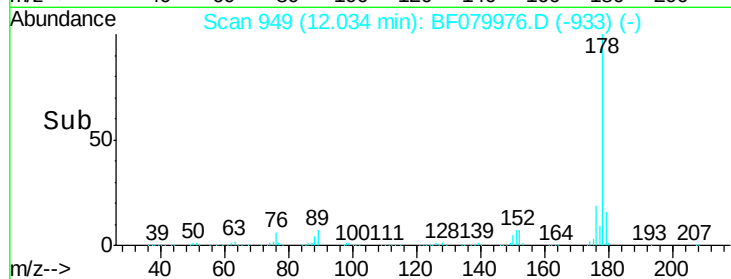
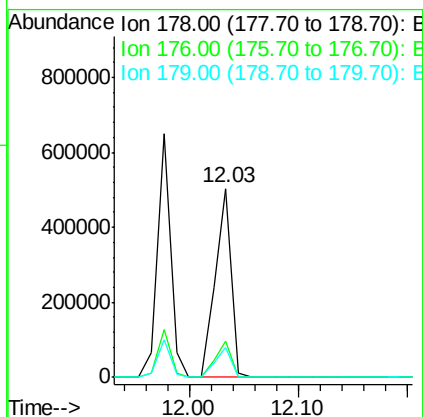
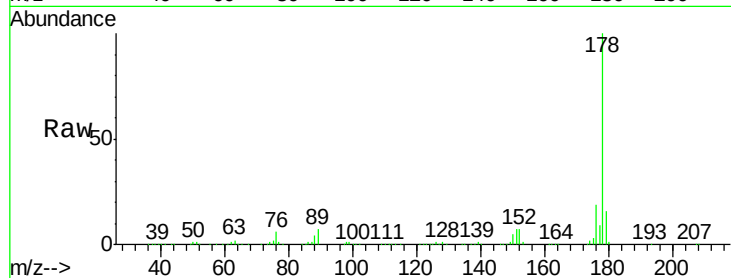
VALHALLA-W1-9.5-10MSD

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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



#72

Carbazole

Concen: 31.96 ng

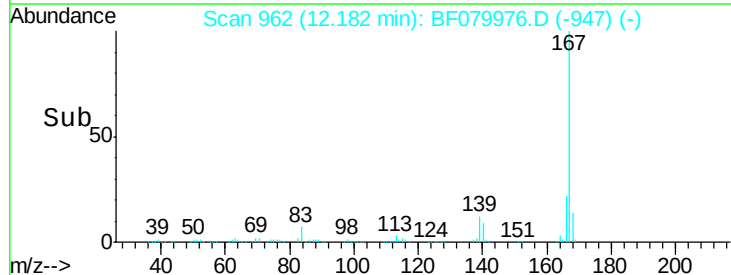
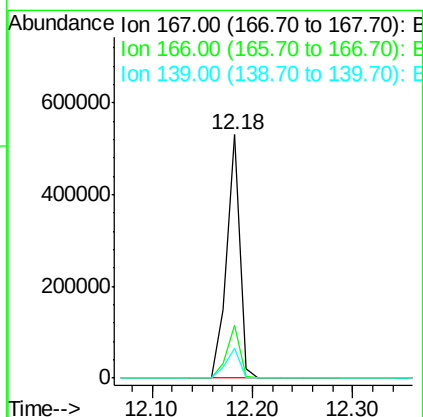
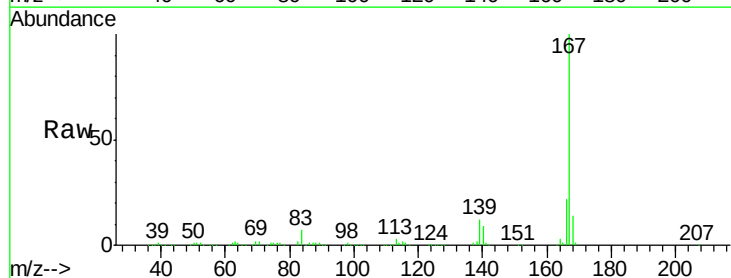
RT: 12.18 min Scan# 962

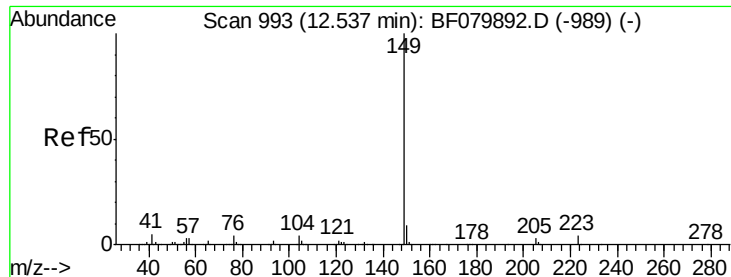
Delta R.T. -0.03 min

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





#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 :

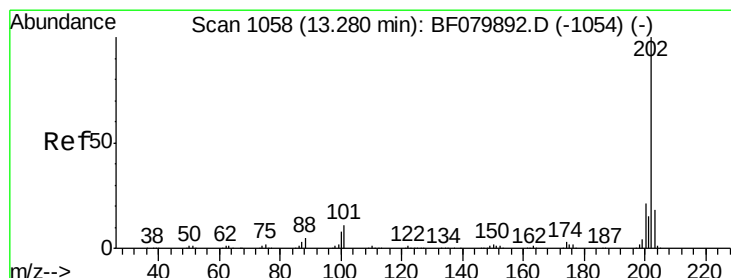
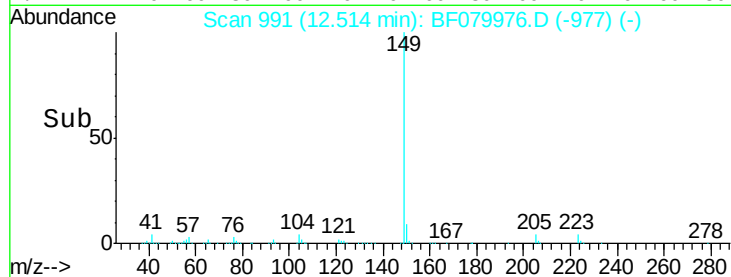
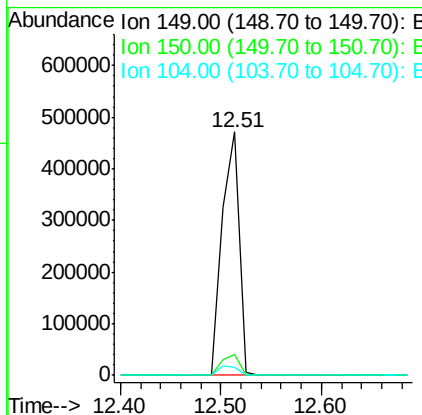
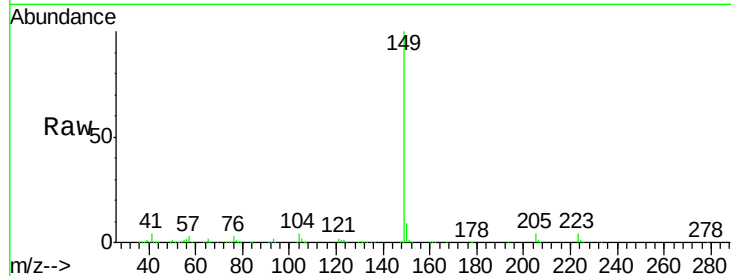
VALHALLA-W1-9.5-10MSD

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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



#74

Fluoranthene

Concen: 33.89 ng

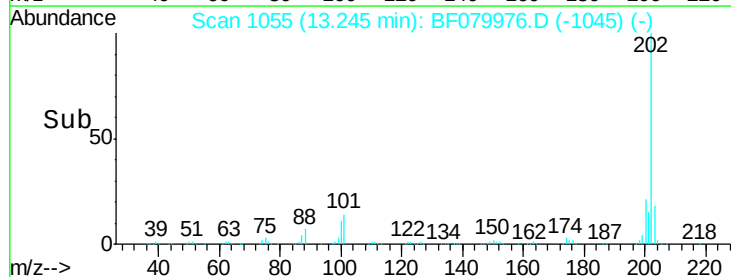
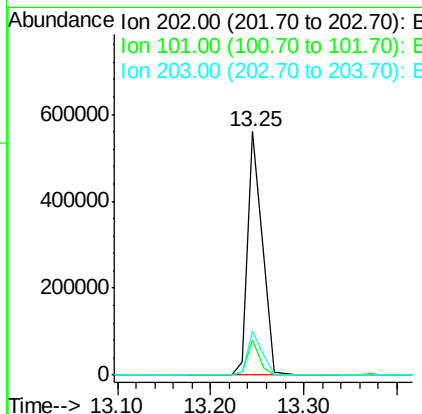
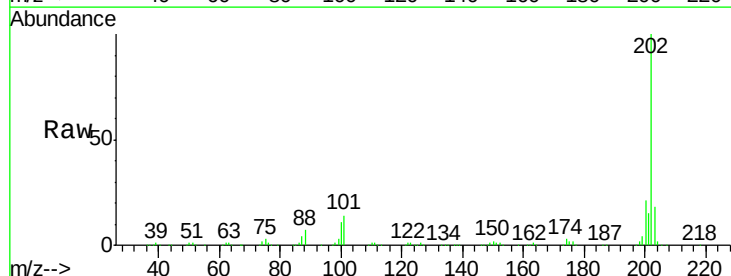
RT: 13.25 min Scan# 1055

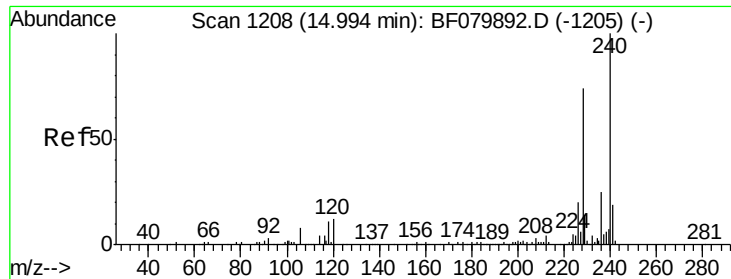
Delta R.T. -0.09 min

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





#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

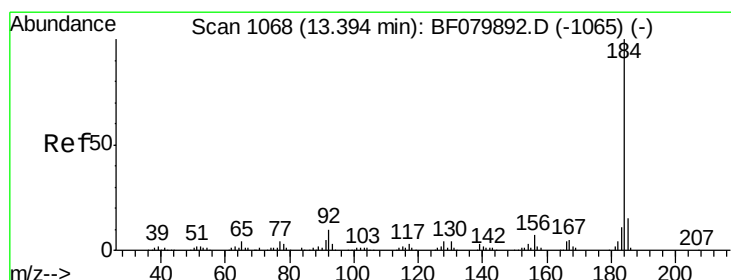
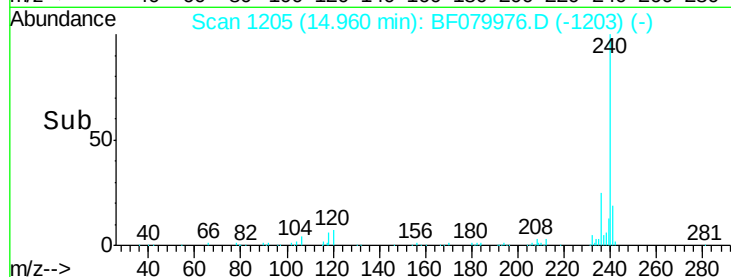
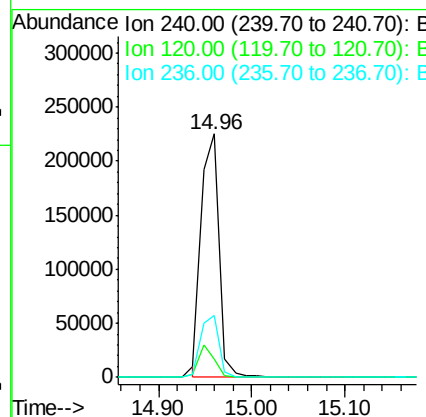
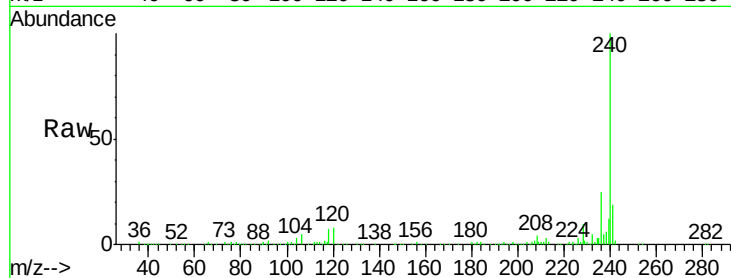
ClientSampleId :

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

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#76

Benzidine

Concen: 62.95 ng

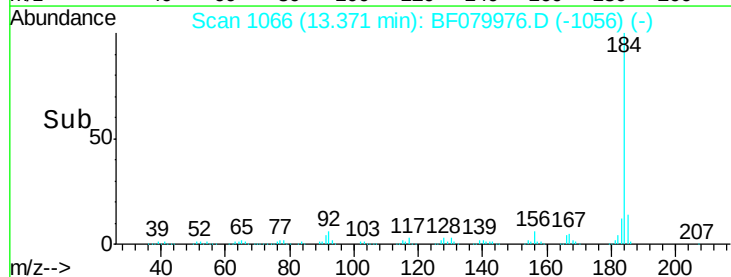
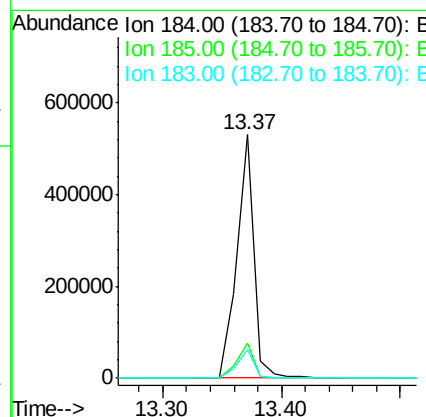
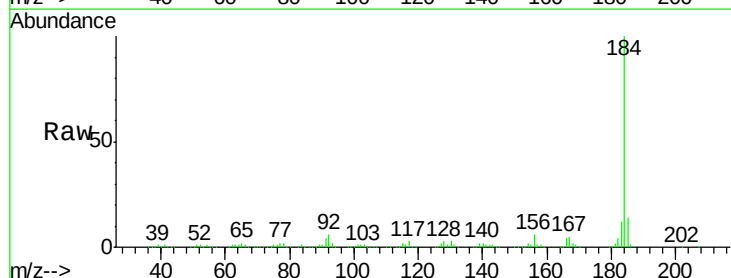
RT: 13.37 min Scan# 1066

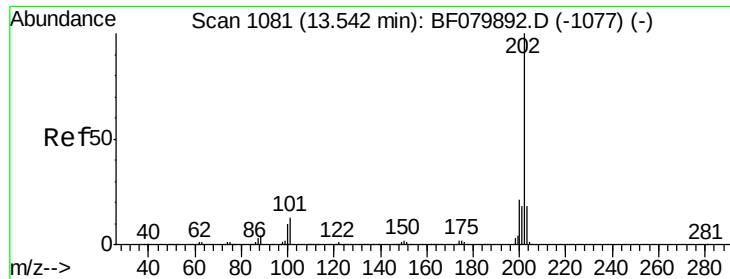
Delta R.T. -0.09 min

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





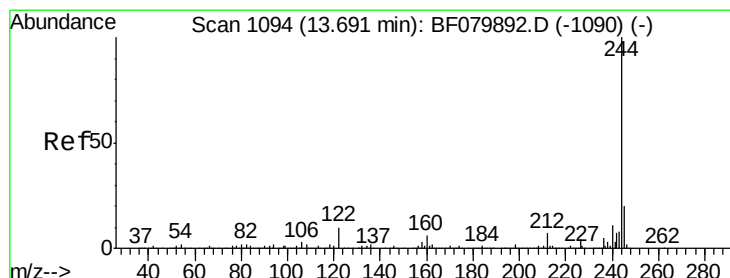
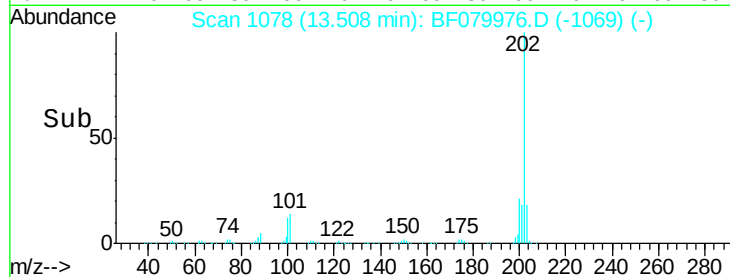
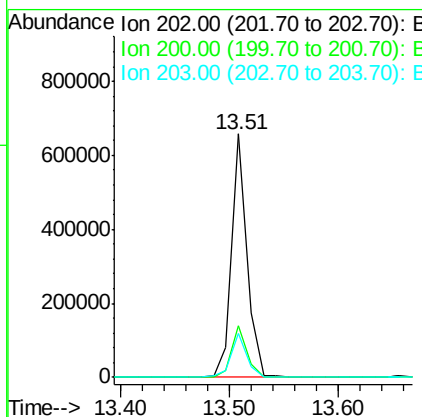
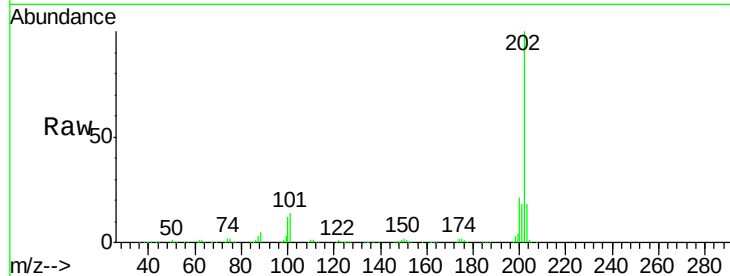
#77
 Pyrene
 Concen: 33.42 ng
 RT: 13.51 min Scan# 1078
 Delta R.T. -0.10 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	639496		
200	21.4	16.8	25.2	
203	18.0	14.4	21.6	

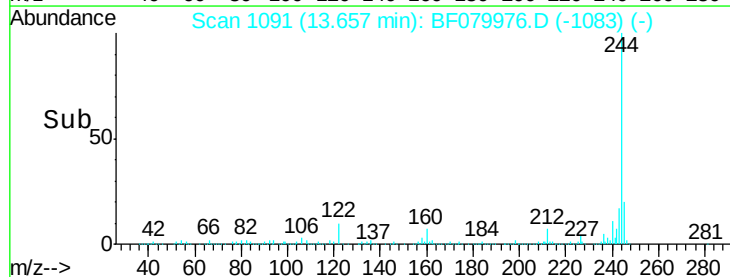
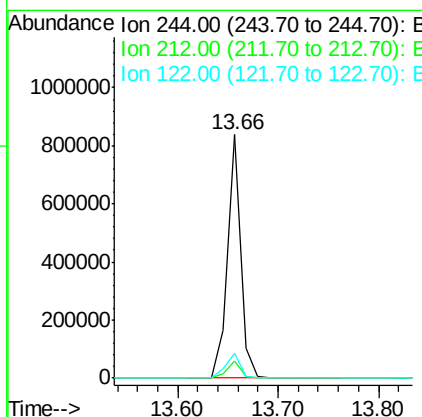
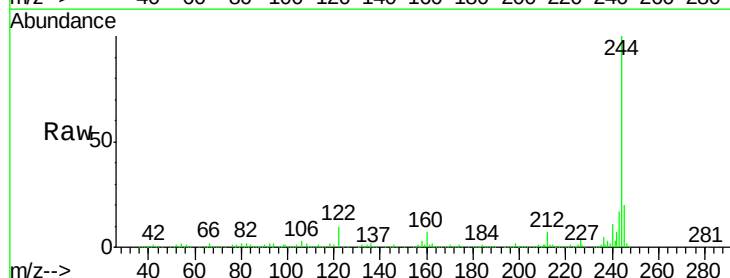
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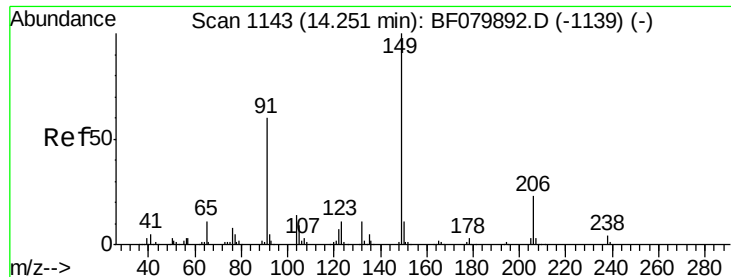
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#78
 Terphenyl-d14
 Concen: 57.96 ng
 RT: 13.66 min Scan# 1091
 Delta R.T. -0.11 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	766023		
212	6.8	5.4	8.2	
122	10.2	7.8	11.8	





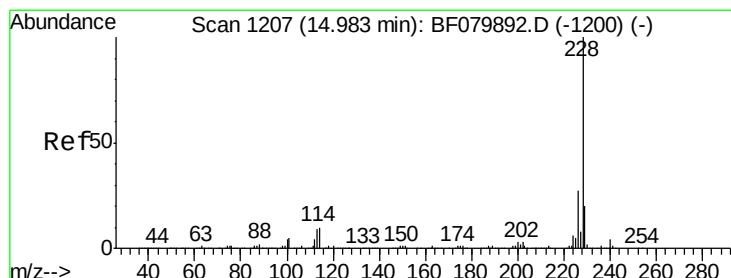
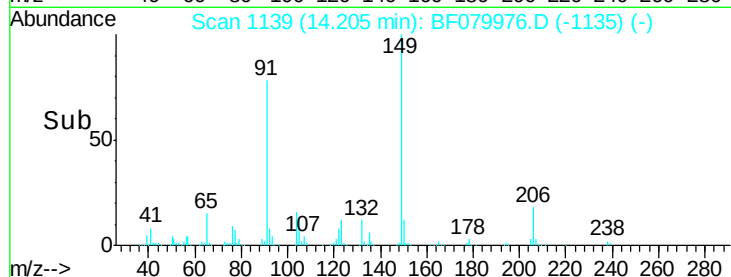
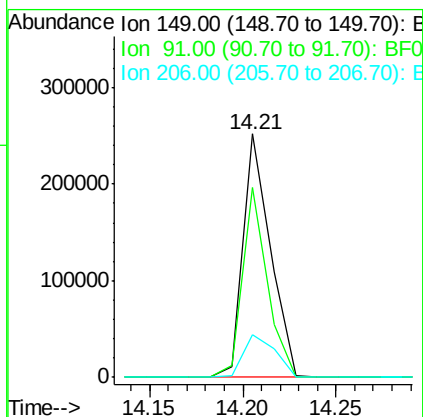
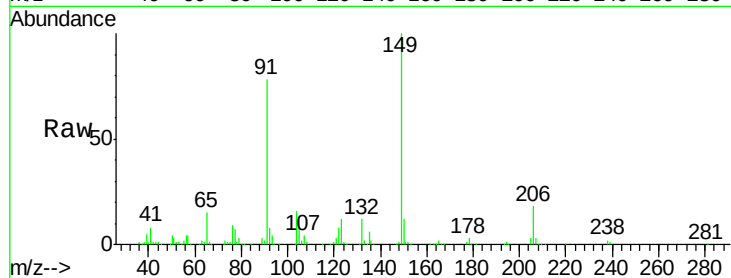
#79
Butylbenzylphthalate
Concen: 39.68 ng
RT: 14.21 min Scan# 1139
Delta R.T. -0.16 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	78.0	48.1	72.1#
206	17.7	18.6	27.8#

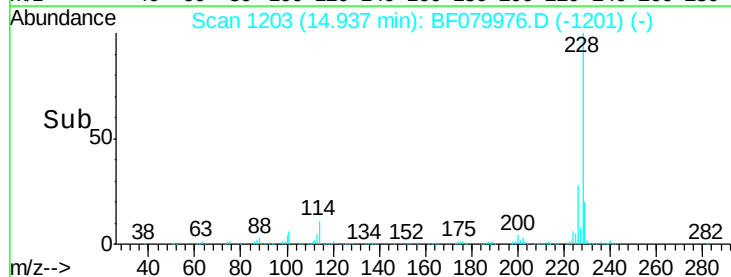
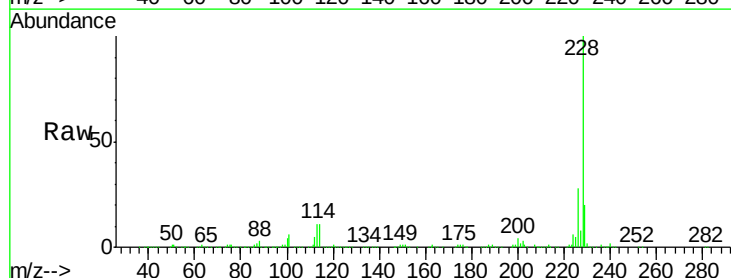
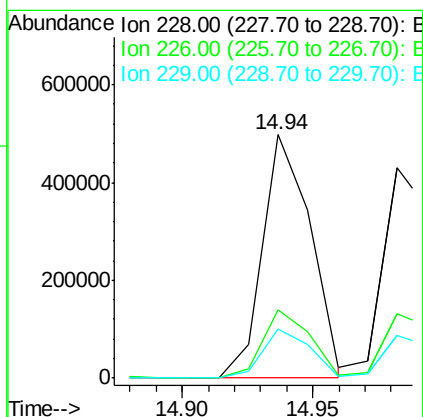
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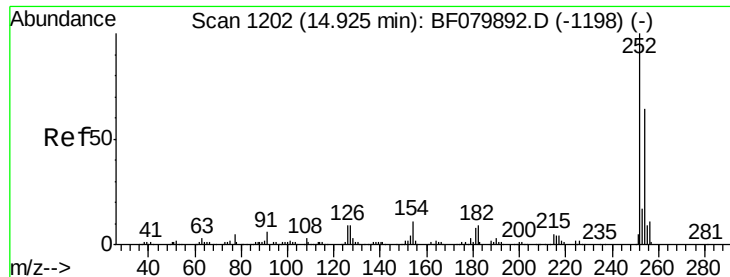
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#80
Benzo(a)anthracene
Concen: 33.06 ng
RT: 14.94 min Scan# 1203
Delta R.T. -0.18 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.8	21.8	32.8
229	20.1	15.9	23.9





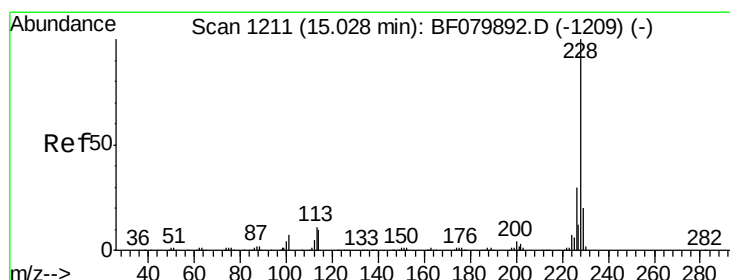
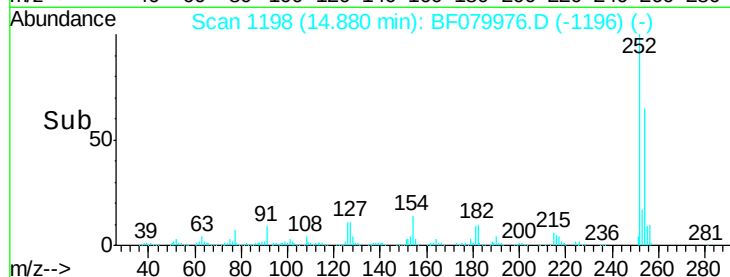
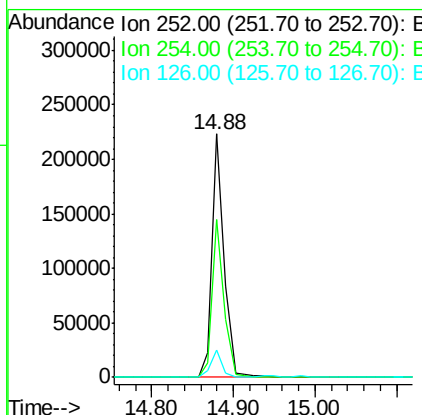
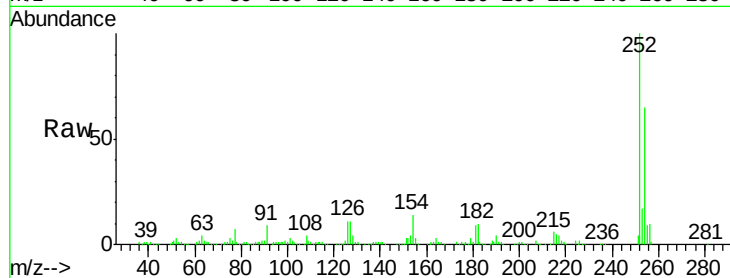
#81
 3,3'-Dichlorobenzidine
 Concen: 37.96 ng
 RT: 14.88 min Scan# 1198
 Delta R.T. -0.18 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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

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

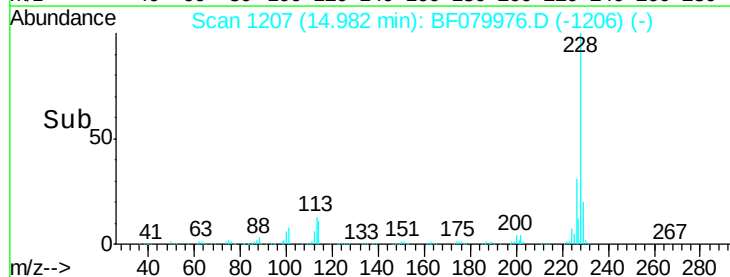
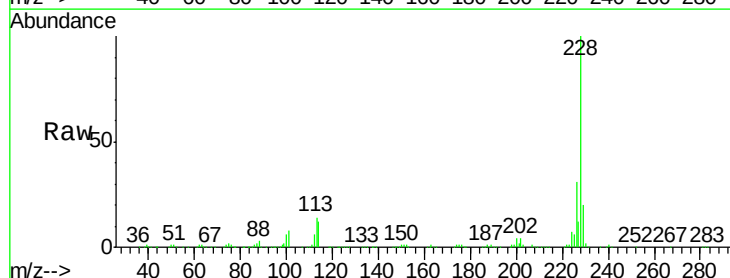
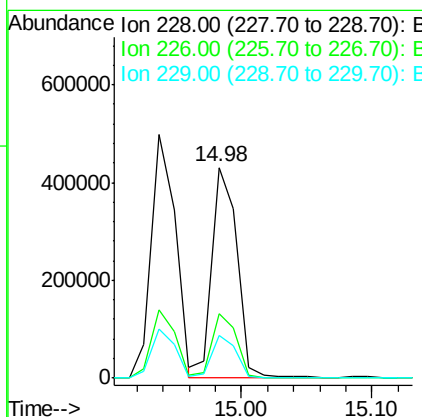
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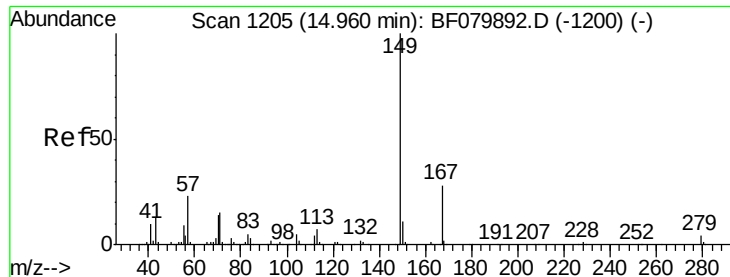
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#82
 Chrysene
 Concen: 33.44 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. -0.19 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Resp Lower	Resp 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

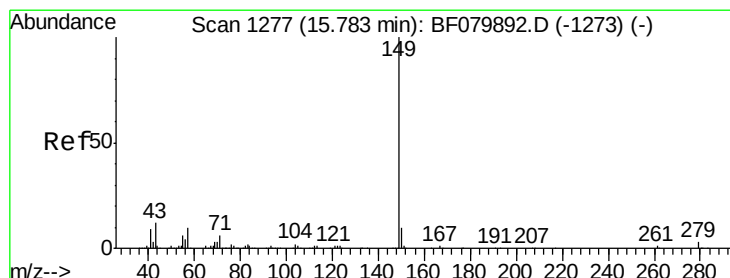
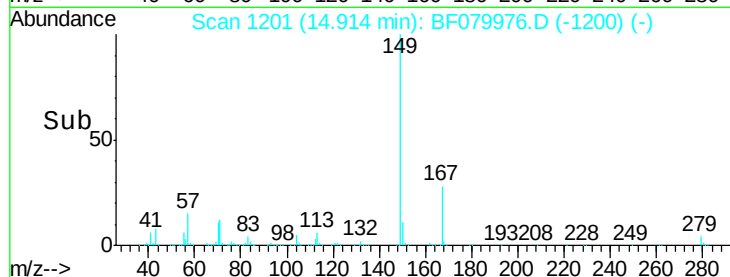
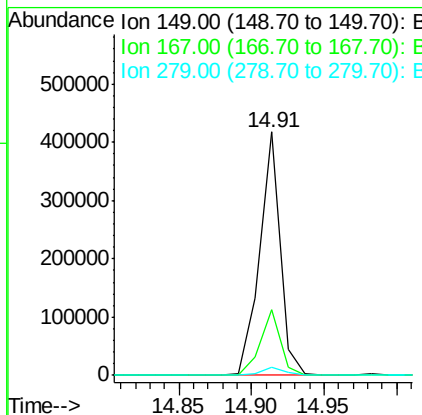
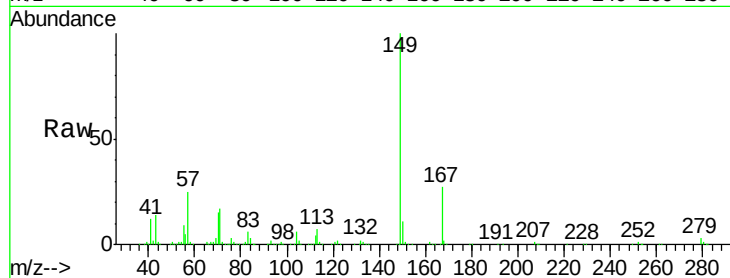
ClientSampleId :

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

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#84

Di-n-octyl phthalate

Concen: 41.62 ng

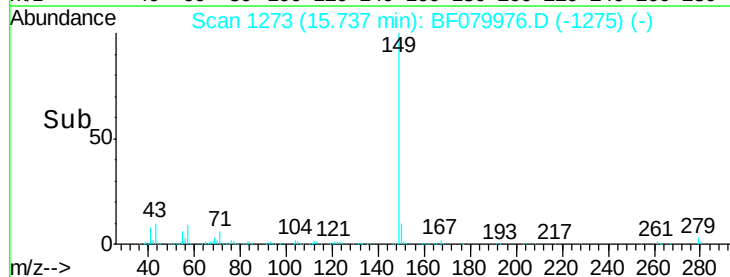
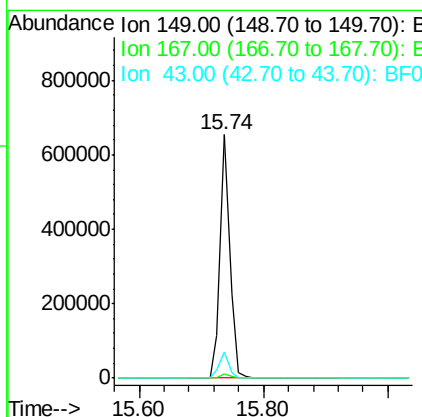
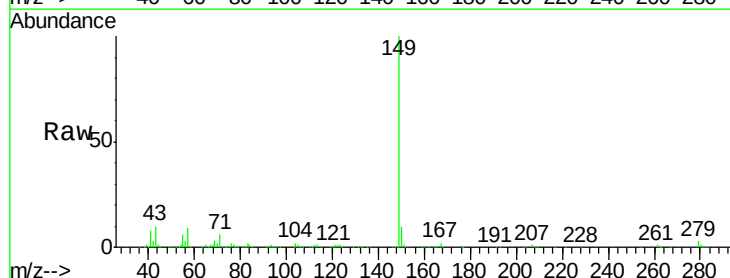
RT: 15.74 min Scan# 1273

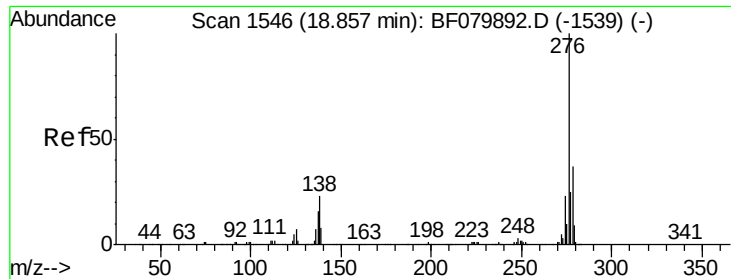
Delta R.T. -0.23 min

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





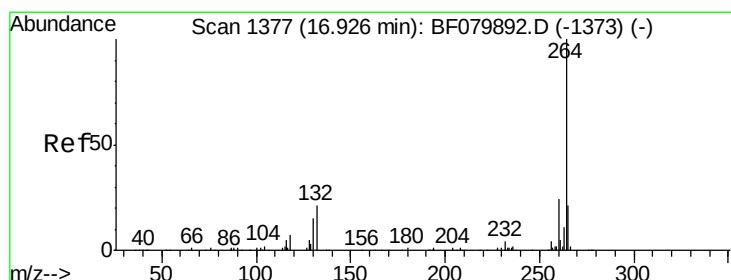
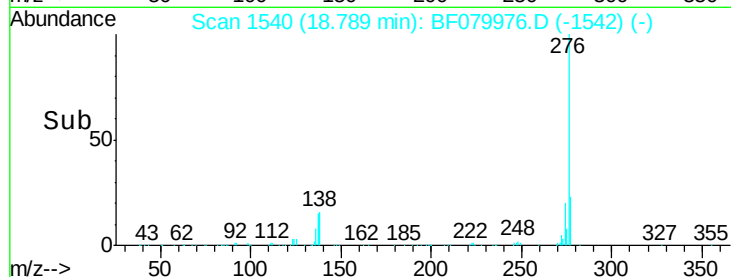
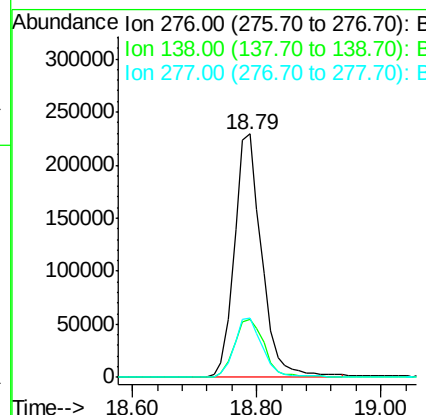
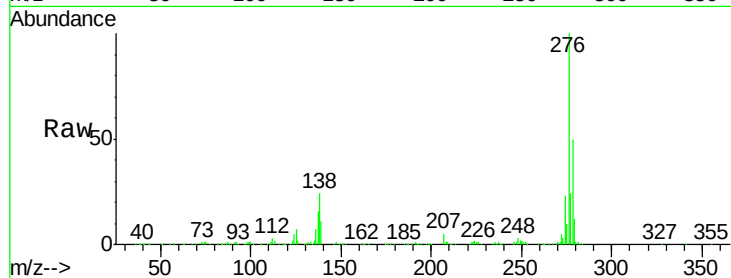
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.76 ng
 RT: 18.79 min Scan# 1540
 Delta R.T. -0.23 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.0	31.4
277	25.1	19.9	29.9

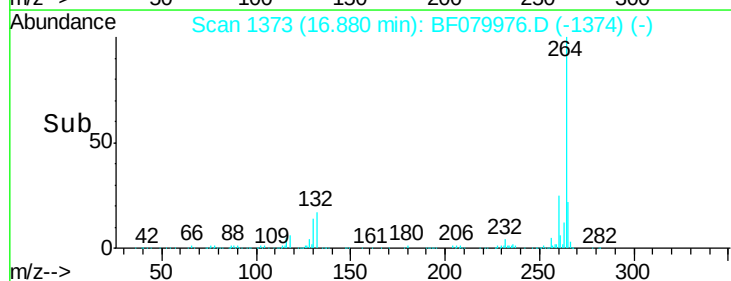
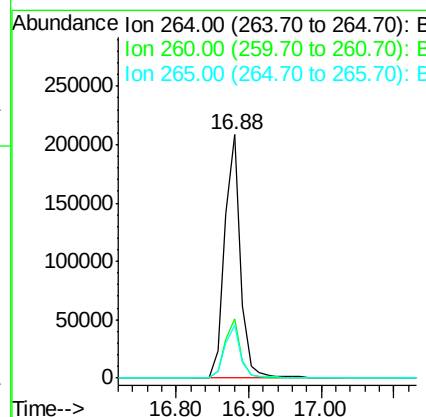
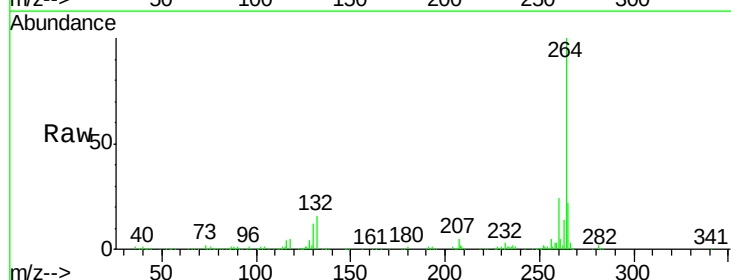
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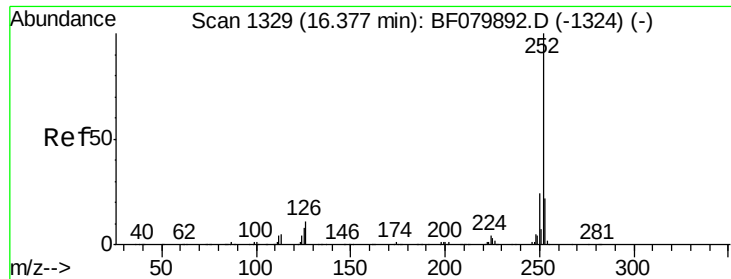
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.88 min Scan# 1373
 Delta R.T. -0.22 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	21.7	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 33.95 ng m

RT: 16.32 min Scan# 1324

Delta R.T. -0.22 min

Lab File: BF079976.D

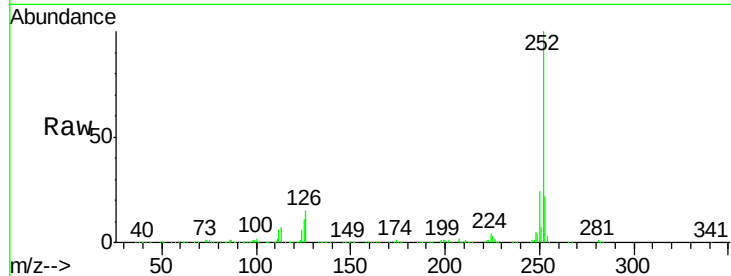
Acq: 13 Jun 2015 13:32

Instrument :

BNA_F

ClientSampleId :

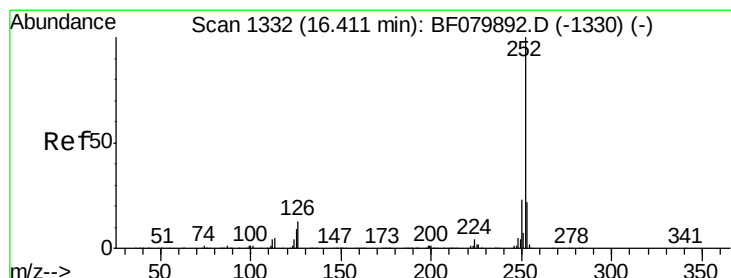
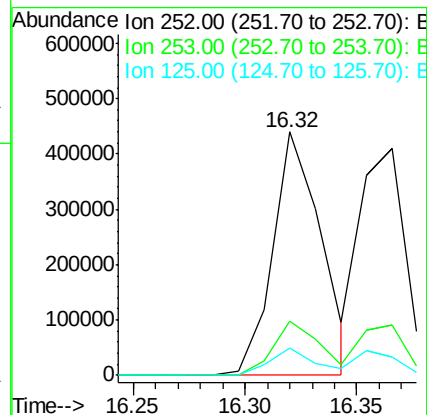
VALHALLA-W1-9.5-10MSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.2	6.5	9.7#

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#88

Benzo(k)fluoranthene

Concen: 30.06 ng

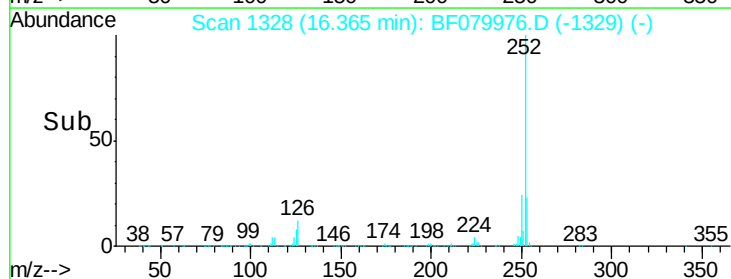
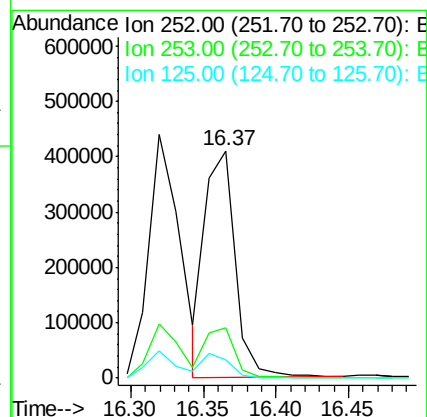
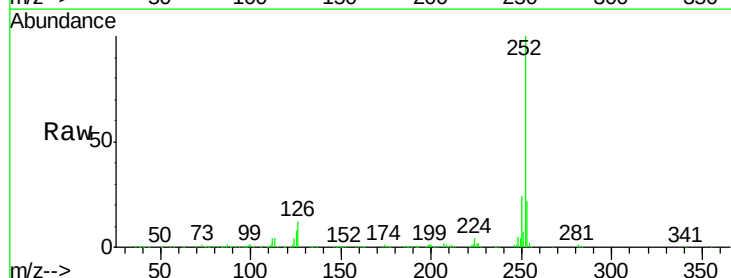
RT: 16.37 min Scan# 1328

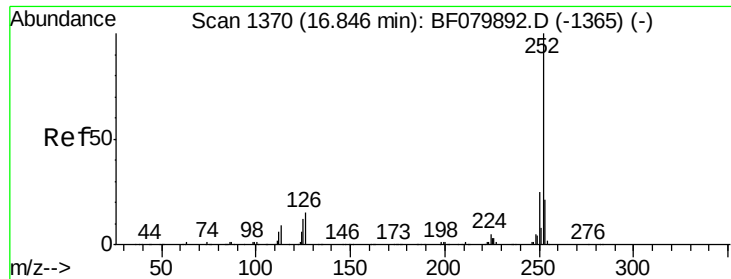
Delta R.T. -0.22 min

Lab File: BF079976.D

Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	7.8	7.4	11.0





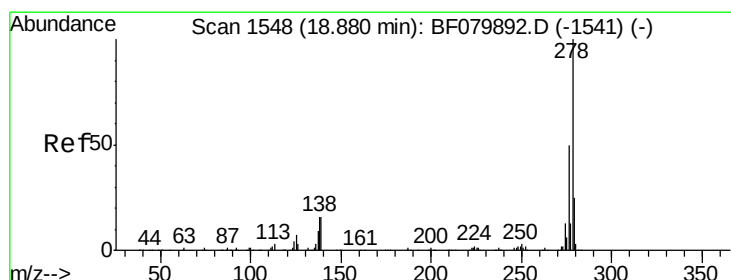
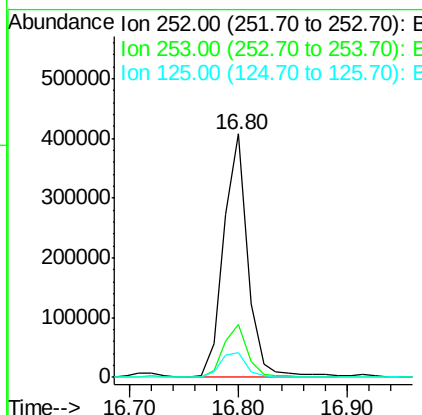
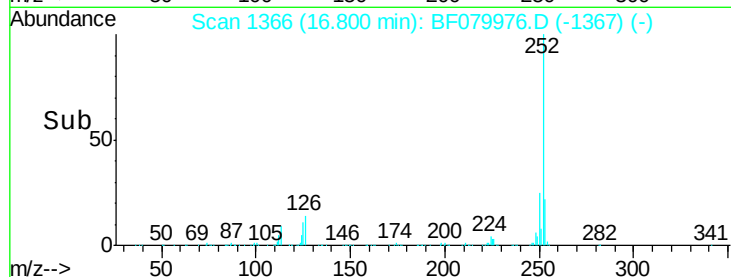
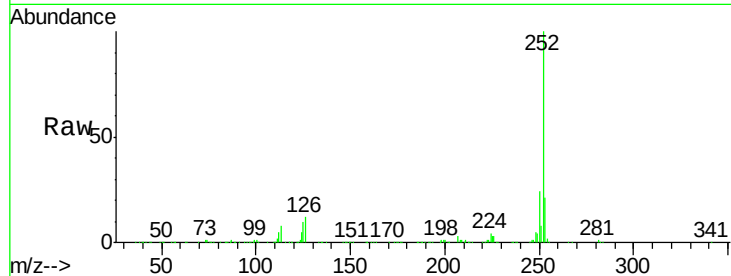
#89
Benzo(a)pyrene
Concen: 33.87 ng
RT: 16.80 min Scan# 1366
Delta R.T. -0.22 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	10.2	9.7	14.5

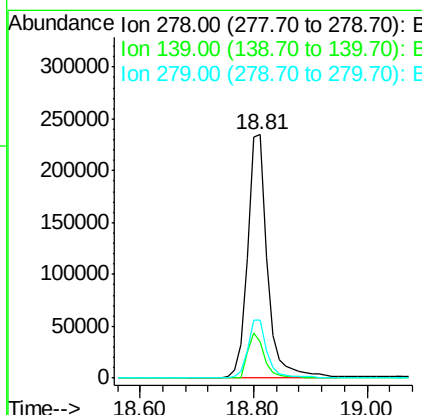
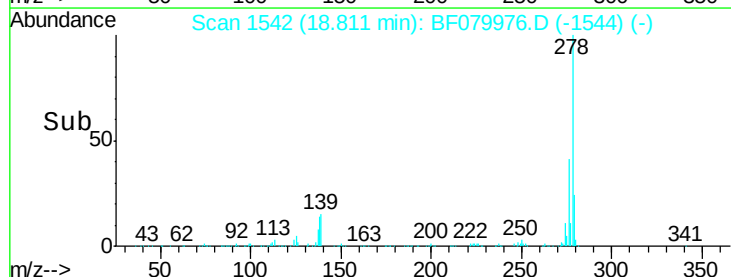
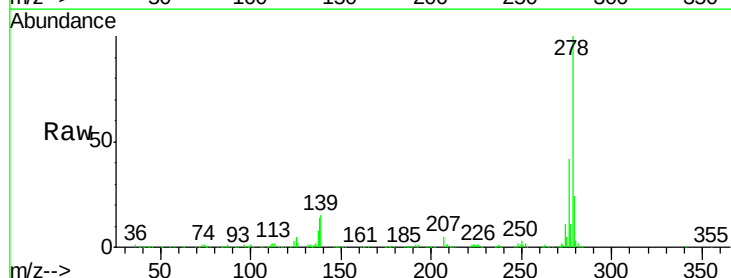
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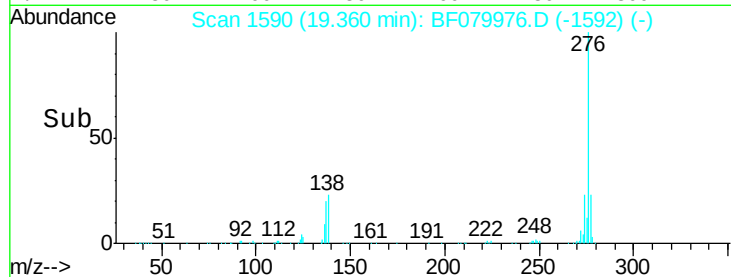
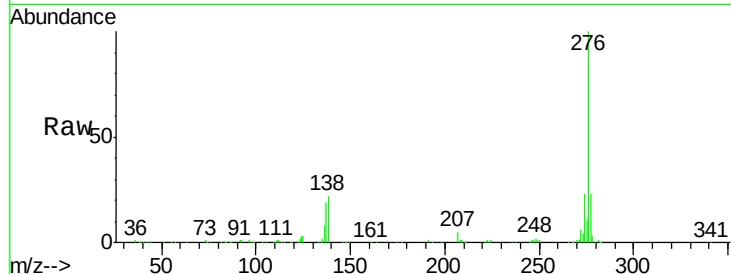
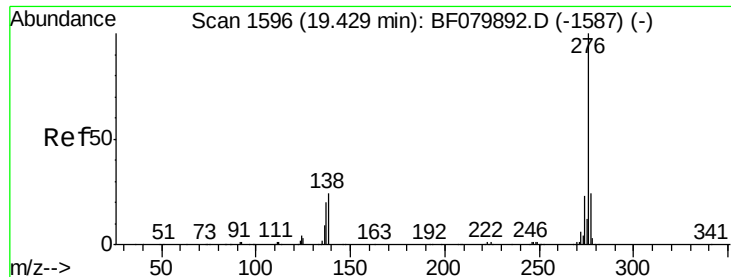
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#90
Dibenzo(a,h)anthracene
Concen: 32.03 ng
RT: 18.81 min Scan# 1542
Delta R.T. -0.23 min
Lab File: BF079976.D
Acq: 13 Jun 2015 13:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.8	19.2
279	23.8	19.7	29.5





#91
 Benzo(g,h,i)perylene
 Concen: 31.62 ng
 RT: 19.36 min Scan# 1590
 Delta R.T. -0.23 min
 Lab File: BF079976.D
 Acq: 13 Jun 2015 13:32

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

Tgt Ion:	276	Resp:	592675
Ion Ratio		Lower	Upper
276	100		
277	23.2	19.4	29.2
138	22.0	19.1	28.7

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