

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079975.D
 Acq On : 13 Jun 2015 13:03
 Operator : TP/IZ
 Sample : G2599-01MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Manual Integrations
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 6/15/2015 1:01:11 PM

Quant Time: Jun 15 02:21:33 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	42984	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	175348	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	96930	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	202542	20.00	ng	-0.02
75) Chrysene-d12	14.95	240	240826m	20.00	ng	-0.19
86) Perylene-d12	16.86	264	243470	20.00	ng	-0.24

System Monitoring Compounds

5) 2-Fluorophenol	5.99	112	334348	142.63	ng	0.00
7) Phenol-d6	6.98	99	476448	149.18	ng	0.01
23) Nitrobenzene-d5	7.93	82	245140	92.24	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	115299	118.37	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	529639	76.51	ng	0.00
78) Terphenyl-d14	13.66	244	686430	65.71	ng	-0.11

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	34570	32.42	ng	97
3) Pyridine	4.10	79	111221	40.70	ng	98
4) n-Nitrosodimethylamine	4.01	42	54588	40.53	ng	99
6) Aniline	7.03	93	176051	38.09	ng	92
8) 2-Chlorophenol	7.16	128	121733	42.73	ng	89
9) Benzaldehyde	6.92	77	86931	47.35	ng	83
10) Phenol	6.99	94	176895	50.36	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	121737	43.07	ng	93
12) 1,3-Dichlorobenzene	7.32	146	138189m	41.58	ng	
13) 1,4-Dichlorobenzene	7.39	146	147902	42.84	ng	95
14) 1,2-Dichlorobenzene	7.55	146	143475	46.79	ng	94
15) Benzyl Alcohol	7.50	79	106239	41.49	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.64	45	200770	47.96	ng	96
17) 2-Methylphenol	7.61	107	104766	42.09	ng	95
18) Hexachloroethane	7.90	117	42109	39.39	ng	# 84
19) n-Nitroso-di-n-propylamine	7.77	70	99022	43.39	ng	# 91
20) 3+4-Methylphenols	7.76	107	142722	44.86	ng	99
22) Acetophenone	7.77	105	173116	41.80	ng	# 89
24) Nitrobenzene	7.95	77	137858	48.76	ng	# 86
25) Isophorone	8.19	82	245023	39.62	ng	# 92
26) 2-Nitrophenol	8.27	139	51773	51.86	ng	# 82
27) 2,4-Dimethylphenol	8.30	122	119952	43.28	ng	97
28) bis(2-Chloroethoxy)methane	8.39	93	147436	40.15	ng	# 97
29) 2,4-Dichlorophenol	8.51	162	119461	51.46	ng	92
30) 1,2,4-Trichlorobenzene	8.60	180	120830	40.95	ng	# 96
31) Naphthalene	8.70	128	382158	39.87	ng	100
32) Benzoic acid	8.34	122	32342	33.10	ng	97
33) 4-Chloroaniline	8.73	127	185572	49.88	ng	# 92
34) Hexachlorobutadiene	8.81	225	76474	46.69	ng	98
35) Caprolactam	9.06	113	33275	45.32	ng	# 79
36) 4-Chloro-3-methylphenol	9.20	107	113106	42.65	ng	89
37) 2-Methylnaphthalene	9.38	142	263098	40.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	128066	39.45	ng	98
40) Hexachlorocyclopentadiene	9.54	237	75442	59.45	ng	96

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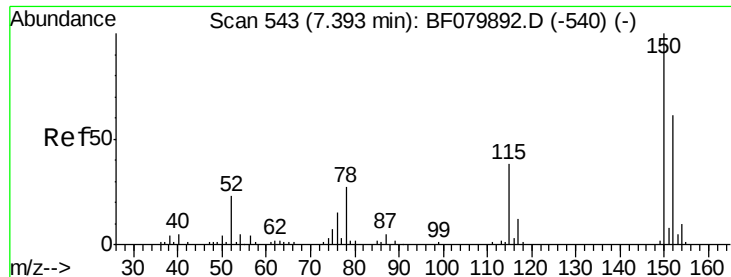
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	81715	40.85	ng	96
43) 2,4,5-Trichlorophenol	9.70	196	85936	38.92	ng #	88
45) 1,1'-Biphenyl	9.85	154	342184	43.62	ng	94
46) 2-Chloronaphthalene	9.88	162	253346	37.93	ng #	91
47) 2-Nitroaniline	9.96	65	63278	44.46	ng #	69
48) Acenaphthylene	10.31	152	426033	37.79	ng	98
49) Dimethylphthalate	10.14	163	401322	51.68	ng	98
50) 2,6-Dinitrotoluene	10.20	165	55413	39.62	ng #	68
51) Acenaphthene	10.48	154	260091	40.59	ng	96
52) 3-Nitroaniline	10.38	138	63729	37.60	ng #	74
53) 2,4-Dinitrophenol	10.48	184	22613	78.14	ng #	1
54) Dibenzofuran	10.65	168	391602	41.83	ng	92
55) 4-Nitrophenol	10.51	139	99316	80.12	ng	94
56) 2,4-Dinitrotoluene	10.60	165	70016	38.31	ng #	54
57) Fluorene	10.99	166	308073	37.75	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.76	232	78780	47.07	ng	94
59) Diethylphthalate	10.84	149	306937	39.53	ng	94
60) 4-Chlorophenyl-phenylether	10.98	204	145727	39.99	ng #	81
61) 4-Nitroaniline	10.99	138	64323	36.36	ng	82
62) Azobenzene	11.14	77	294148	39.37	ng	84
64) 4,6-Dinitro-2-methylphenol	11.03	198	17583	40.56	ng	76
65) n-Nitrosodiphenylamine	11.10	169	262115	40.09	ng	99
66) 4-Bromophenyl-phenylether	11.47	248	87215	38.43	ng #	86
67) Hexachlorobenzene	11.55	284	94112	38.01	ng #	77
68) Atrazine	11.61	200	86803	43.13	ng	94
69) Pentachlorophenol	11.75	266	96428	82.77	ng	97
70) Phenanthrene	11.98	178	503745	41.73	ng	99
71) Anthracene	12.03	178	503346	43.09	ng	99
72) Carbazole	12.18	167	460023	40.61	ng	99
73) Di-n-butylphthalate	12.51	149	514947	41.72	ng	100
74) Fluoranthene	13.25	202	557646	41.79	ng	96
76) Benzidine	13.37	184	438337	65.73	ng	98
77) Pyrene	13.51	202	578851	38.27	ng	99
79) Butylbenzylphthalate	14.21	149	234294	45.87	ng #	82
80) Benzo(a)anthracene	14.94	228	592459	38.74	ng	99
81) 3,3'-Dichlorobenzidine	14.88	252	206527	42.24	ng	97
82) Chrysene	14.98	228	540473	39.83	ng	99
83) Bis(2-ethylhexyl)phthalate	14.90	149	358754	43.88	ng #	94
84) Di-n-octyl phthalate	15.73	149	611273	45.85	ng	98
85) Indeno(1,2,3-cd)pyrene	18.77	276	670591	41.87	ng	99
87) Benzo(b)fluoranthene	16.31	252	637406	42.73	ng #	98
88) Benzo(k)fluoranthene	16.34	252	556352	36.57	ng	98
89) Benzo(a)pyrene	16.79	252	580607	40.92	ng #	97
90) Dibenzo(a,h)anthracene	18.79	278	551539	39.55	ng	98
91) Benzo(g,h,i)perylene	19.34	276	568358	39.39	ng	99

(#) = 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: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

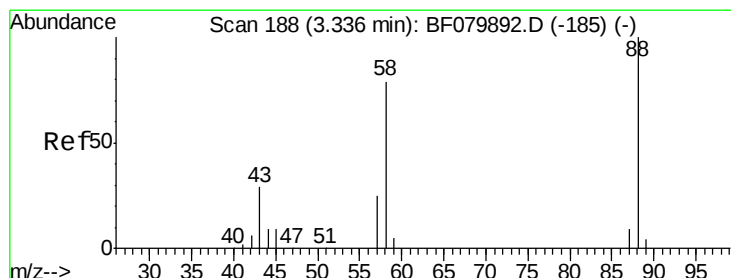
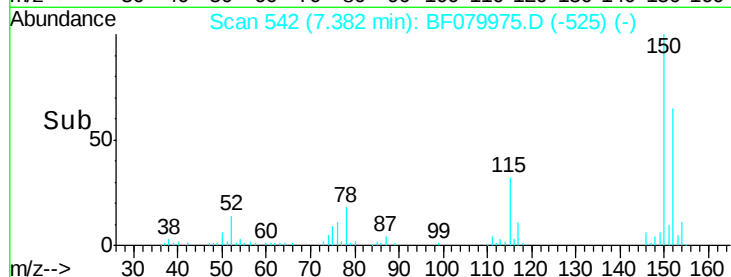
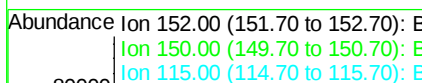
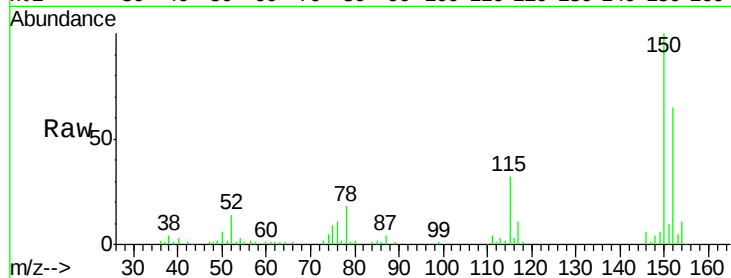
ClientSampleId :

VALHALLA-W1-9.5-10MS

Tgt Ion:	152	Resp:	42984
Ion Ratio	Lower	Upper	
152	100		
150	154.2	131.0	196.4
115	49.1	49.8	74.6

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#2

1,4-Dioxane

Concen: 32.42 ng

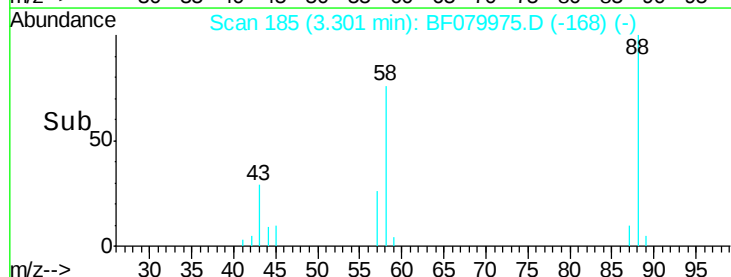
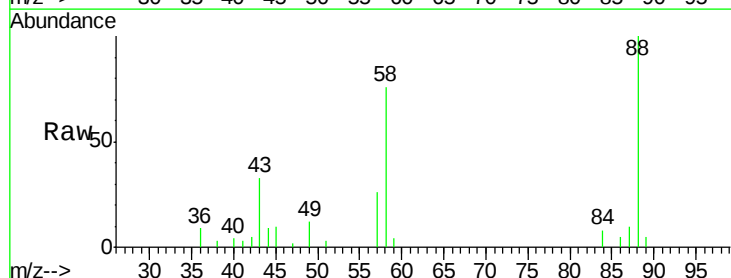
RT: 3.30 min Scan# 185

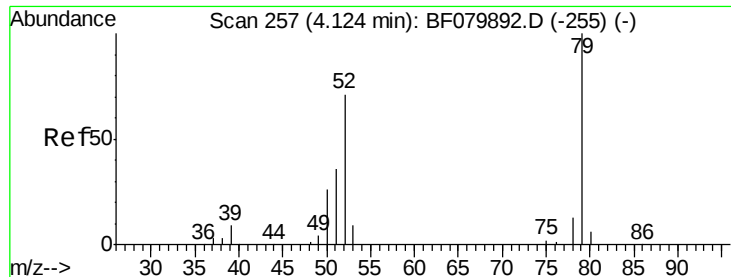
Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion:	88	Resp:	34570
Ion Ratio	Lower	Upper	
88	100		
58	75.7	63.0	94.4
43	29.9	23.2	34.8





#3

Pyridine

Concen: 40.70 ng

RT: 4.10 min Scan# 255

Delta R.T. 0.01 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

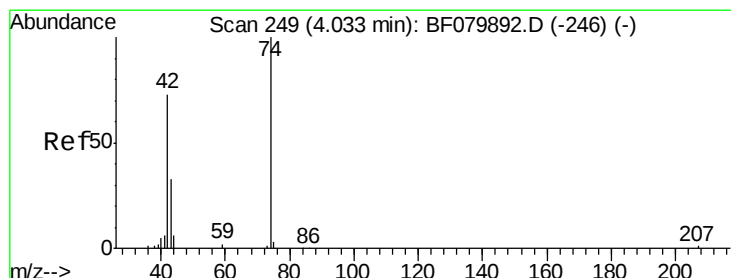
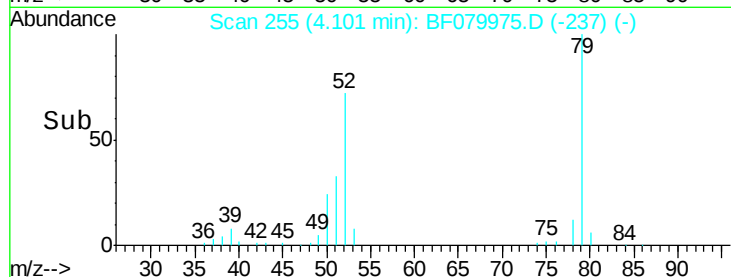
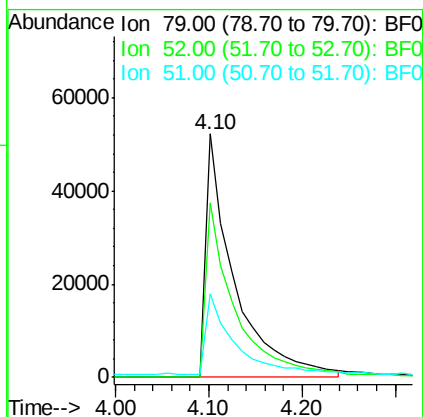
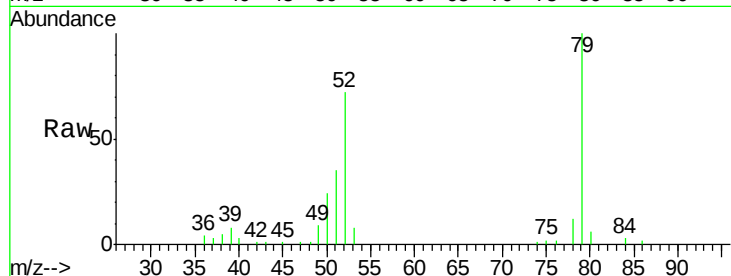
ClientSampleId :

VALHALLA-W1-9.5-10MS

Tgt Ion:	79	Resp:	111221
Ion Ratio	Lower	Upper	
79	100		
52	71.7	56.7	85.1
51	34.5	29.8	44.6

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#4

n-Nitrosodimethylamine

Concen: 40.53 ng

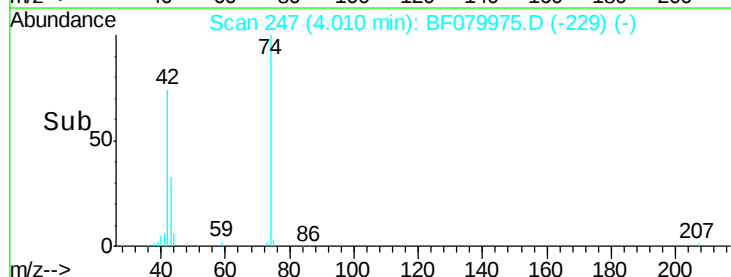
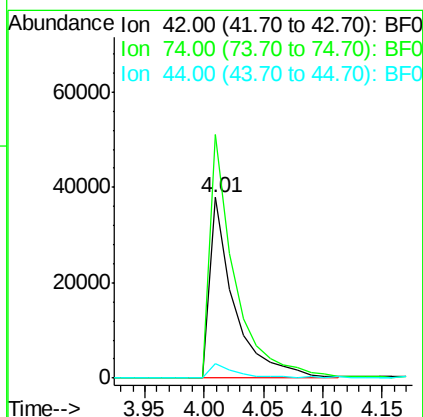
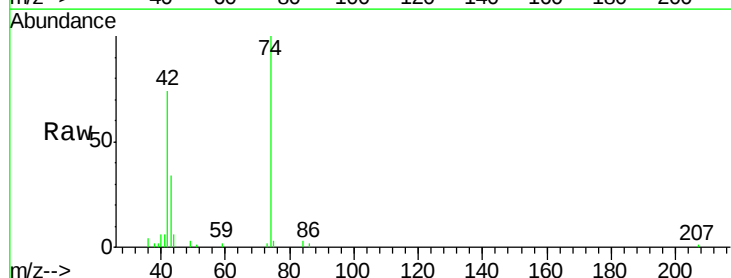
RT: 4.01 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion:	42	Resp:	54588
Ion Ratio	Lower	Upper	
42	100		
74	134.9	109.0	163.6
44	8.0	7.7	11.5





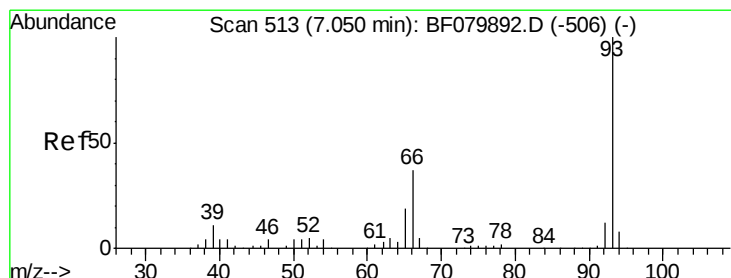
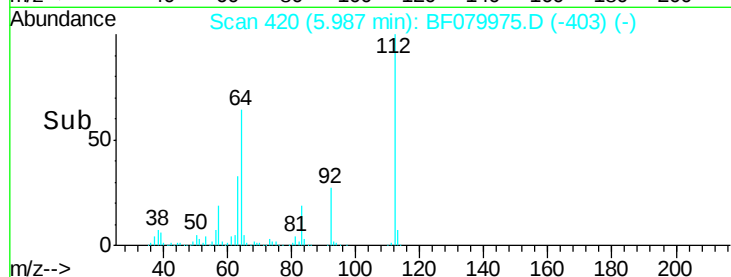
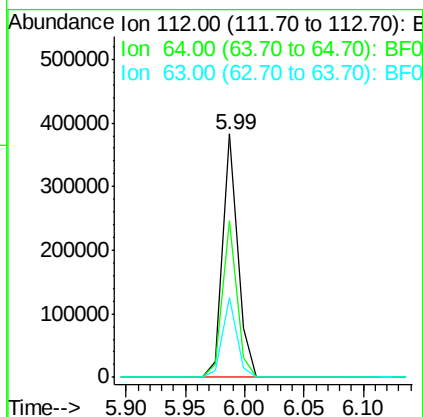
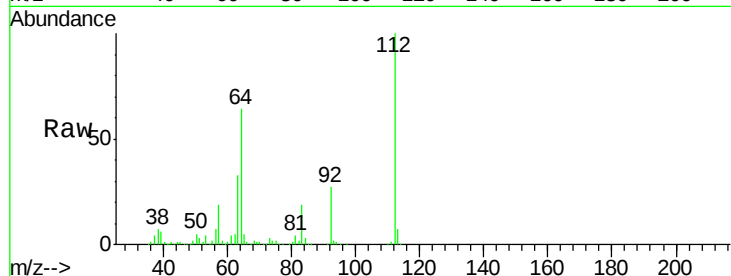
#5
2-Fluorophenol
Concen: 142.63 ng
RT: 5.99 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	64.4	54.5	81.7
63	32.7	27.9	41.9

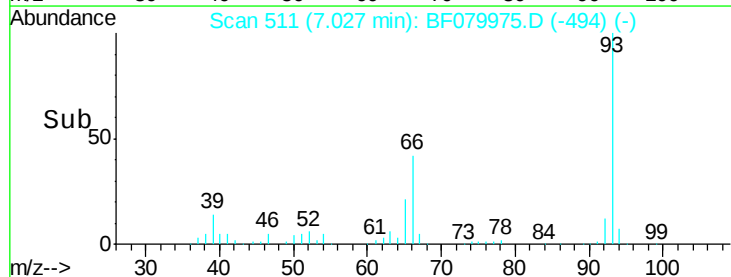
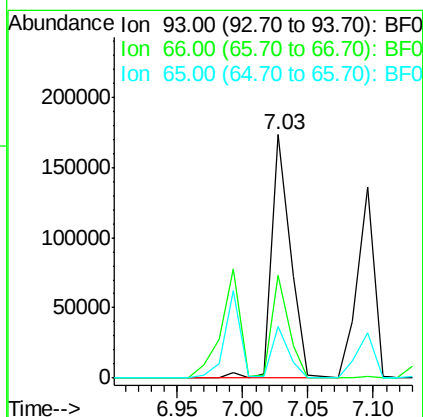
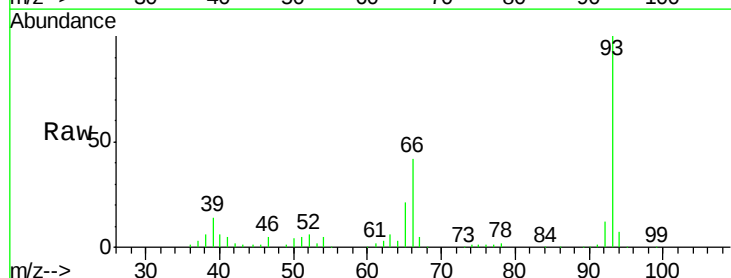
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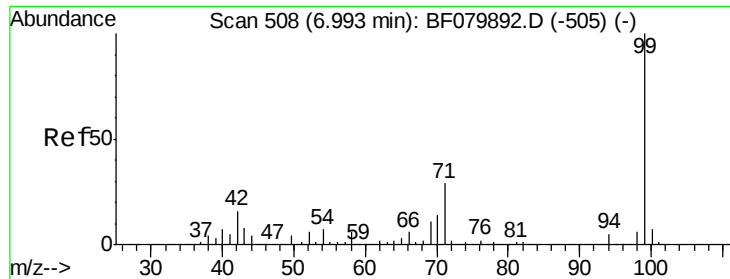
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#6
Aniline
Concen: 38.09 ng
RT: 7.03 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	42.2	29.4	44.0
65	21.1	14.9	22.3





#7

Phenol-d6

Concen: 149.18 ng

RT: 6.98 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

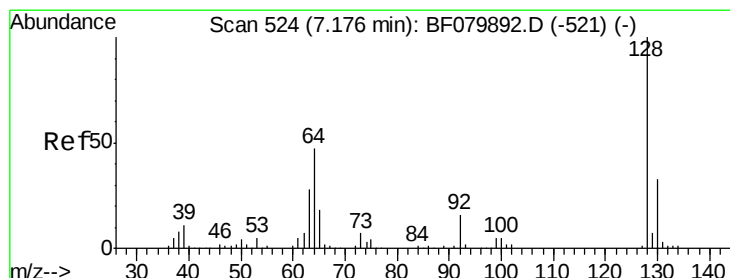
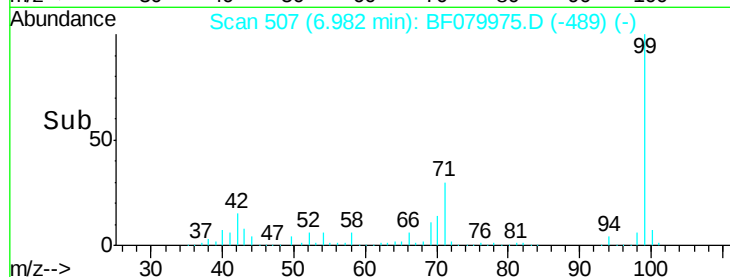
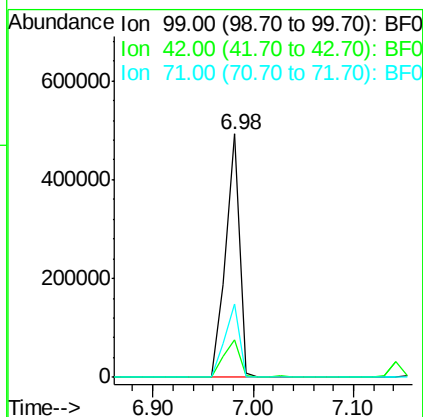
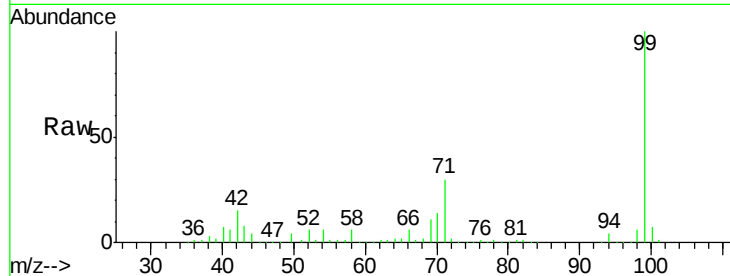
ClientSampleId :

VALHALLA-W1-9.5-10MS

Tgt Ion:	99	Resp:	476448
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.9	19.3
71	30.1	23.4	35.2

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#8

2-Chlorophenol

Concen: 42.73 ng

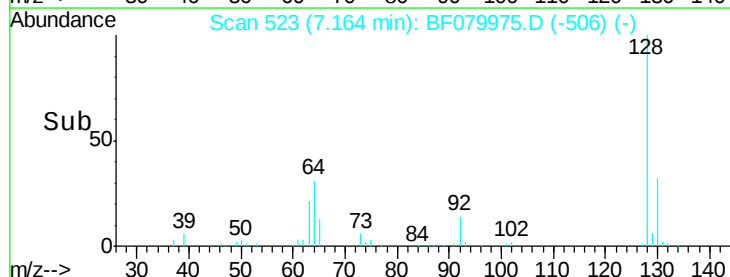
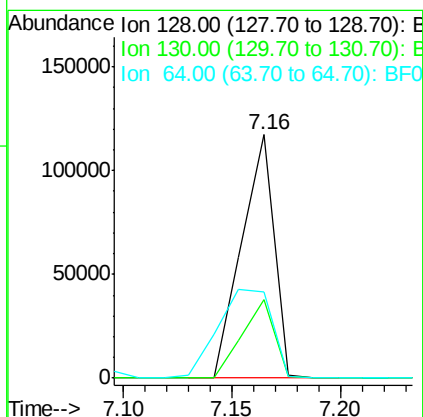
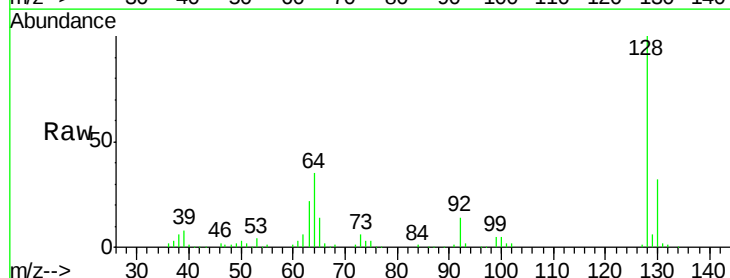
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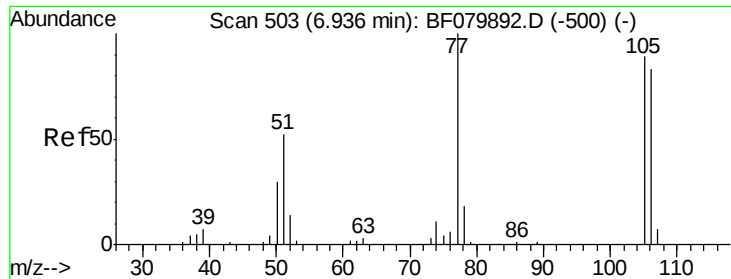
Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion:	128	Resp:	121733
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.1	53.1
64	35.3	26.8	66.8





#9

Benzaldehyde

Concen: 47.35 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF079975.D

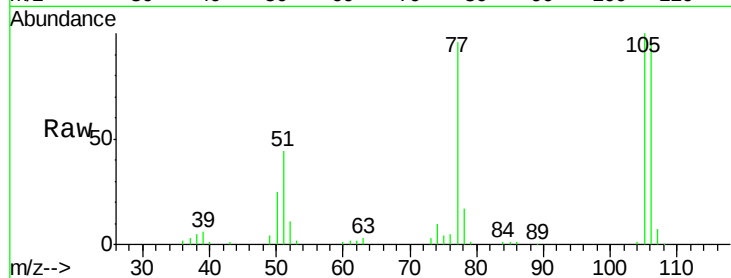
Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

ClientSampleId :

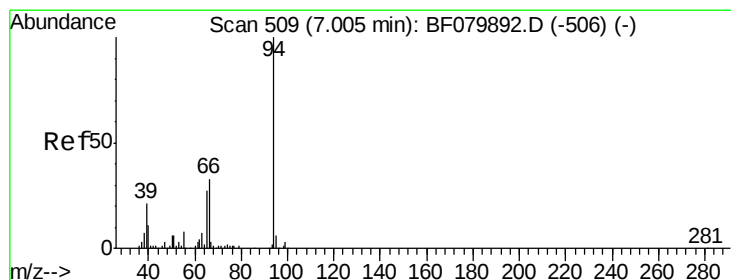
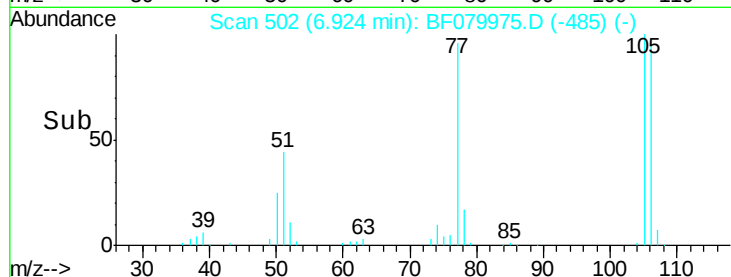
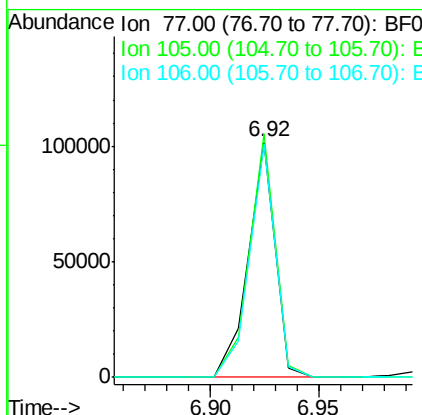
VALHALLA-W1-9.5-10MS



Tgt Ion:	77	Resp:	86931
Ion	Ratio	Lower	Upper
77	100		
105	103.7	68.6	108.6
106	99.4	63.3	103.3

Manual Integrations
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#10

Phenol

Concen: 50.36 ng

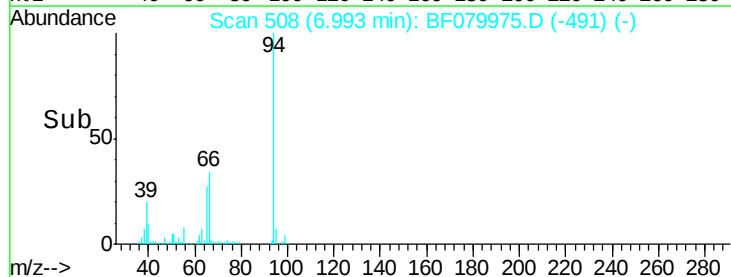
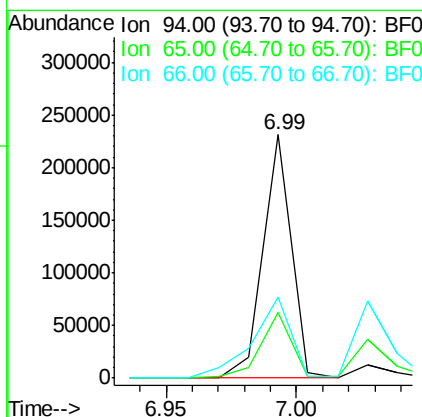
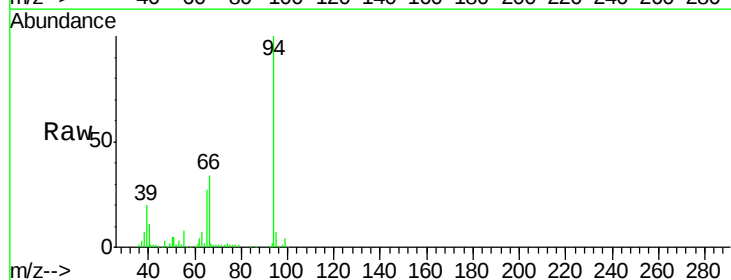
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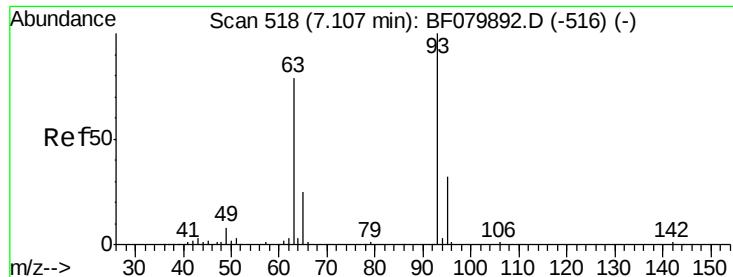
Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion:	94	Resp:	176895
Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.0	47.0
66	33.5	13.3	53.3





#11

bis(2-Chloroethyl)ether

Concen: 43.07 ng

RT: 7.10 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

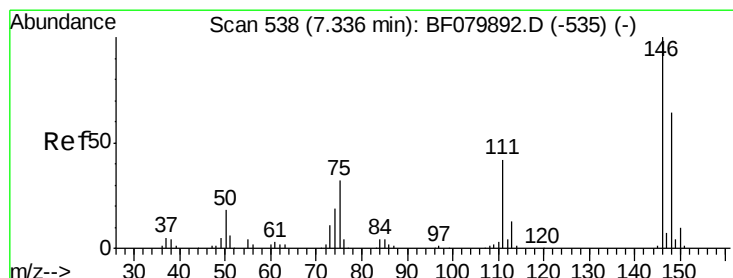
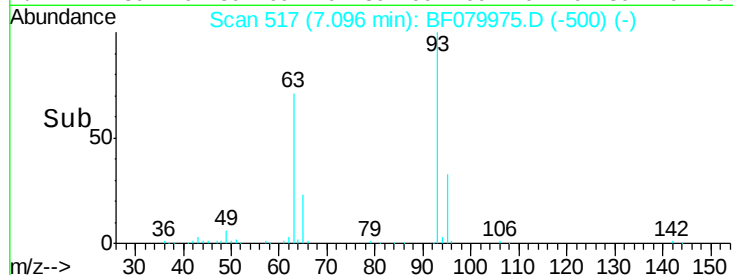
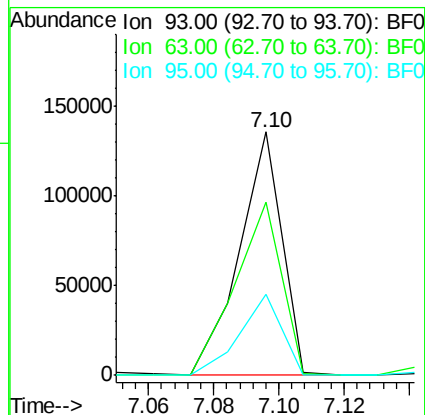
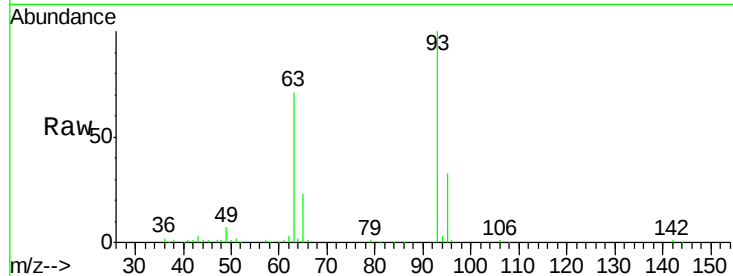
ClientSampleId :

VALHALLA-W1-9.5-10MS

Tgt Ion:	93	Resp:	121737
Ion Ratio	Lower	Upper	
93	100		
63	71.0	58.7	98.7
95	33.3	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 41.58 ng m

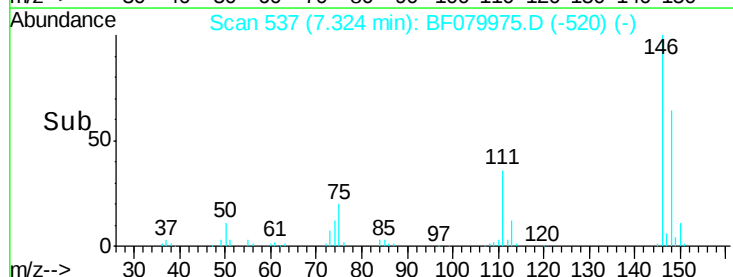
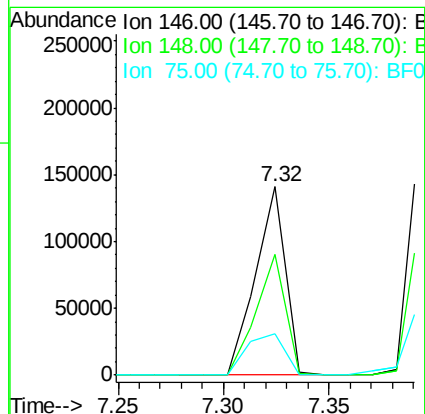
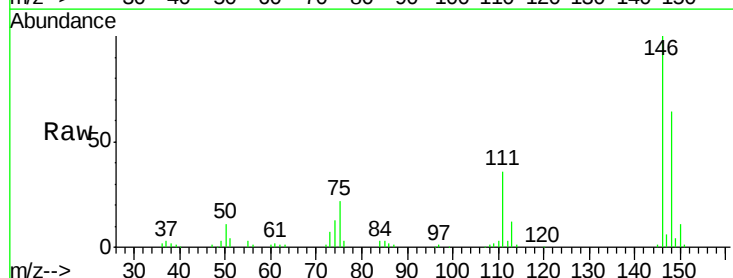
RT: 7.32 min Scan# 537

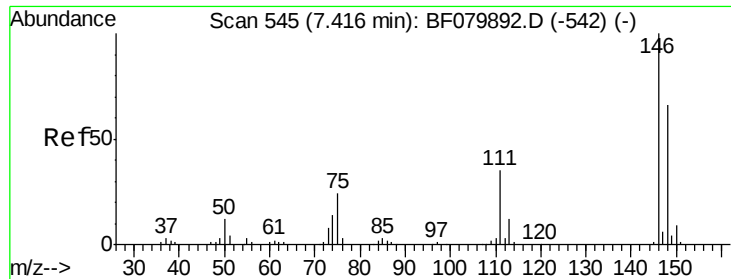
Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion:	146	Resp:	138189
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.9	76.3
75	21.8	25.8	38.6#





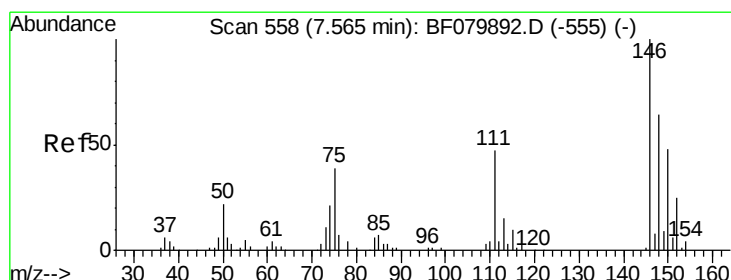
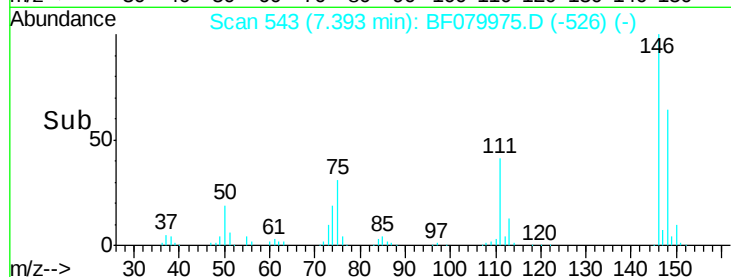
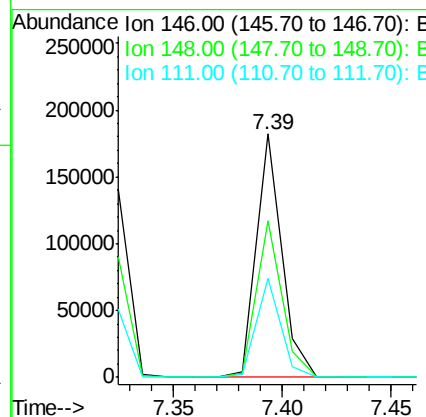
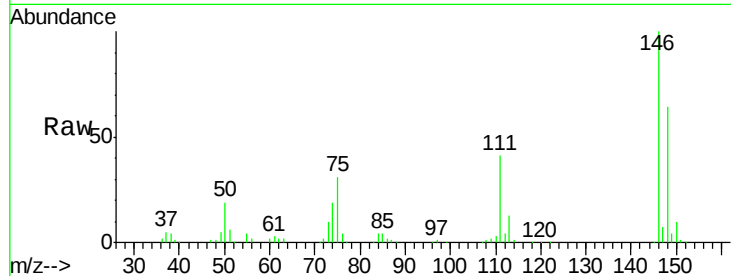
#13
 1,4-Dichlorobenzene
 Concen: 42.84 ng
 RT: 7.39 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.0	79.6
111	40.7	28.2	42.2

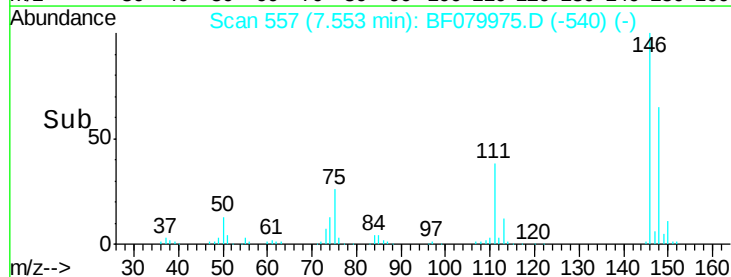
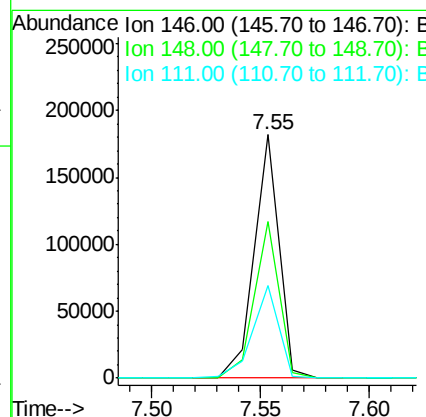
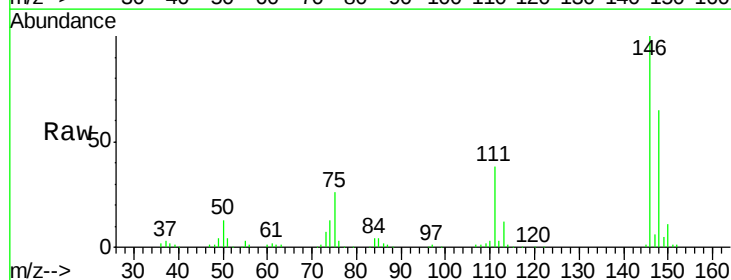
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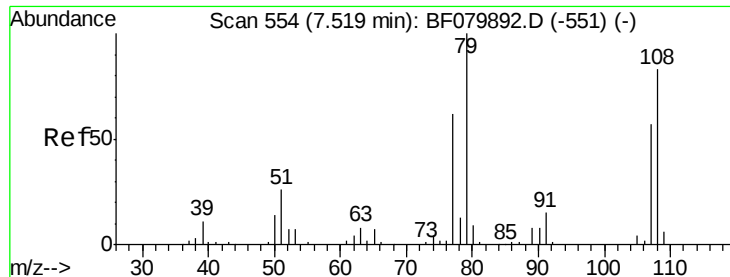
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#14
 1,2-Dichlorobenzene
 Concen: 46.79 ng
 RT: 7.55 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	38.2	37.3	55.9





#15

Benzyl Alcohol

Concen: 41.49 ng

RT: 7.50 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MS

Tgt Ion: 79 Resp: 106239
Ion Ratio Lower Upper

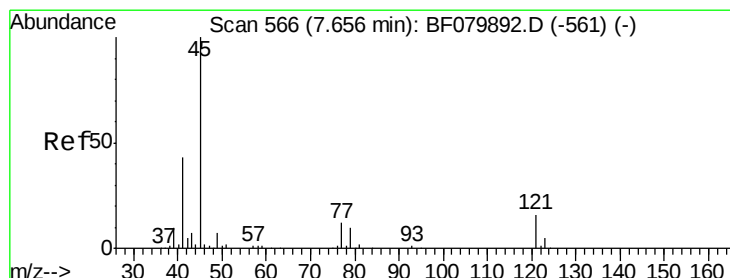
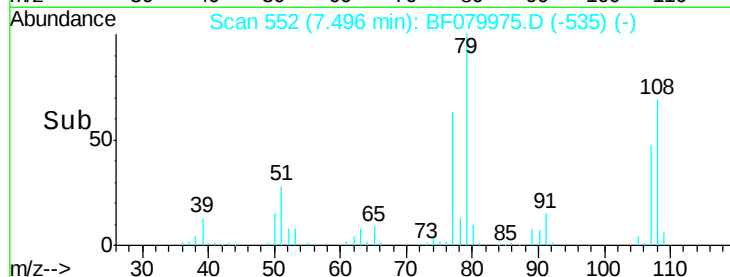
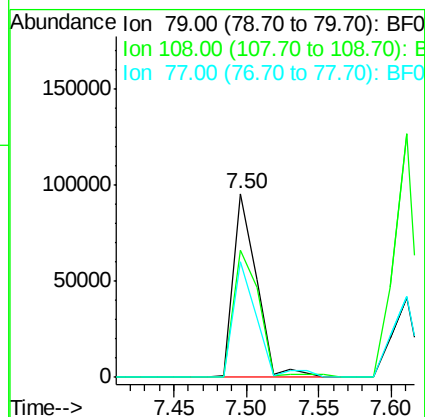
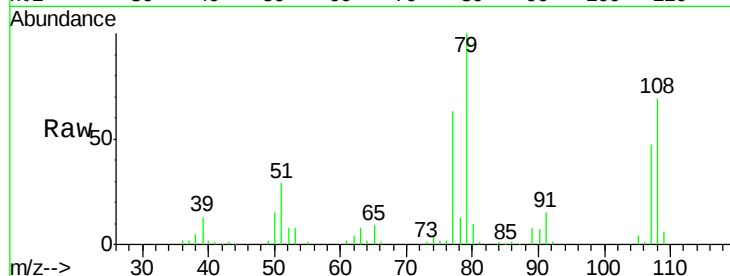
79 100

108 69.1 66.4 99.6

77 63.2 49.4 74.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.96 ng

RT: 7.64 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF079975.D

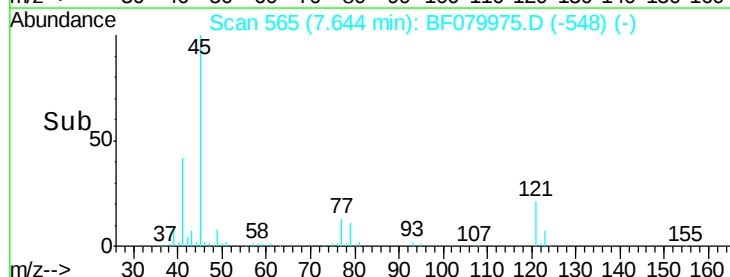
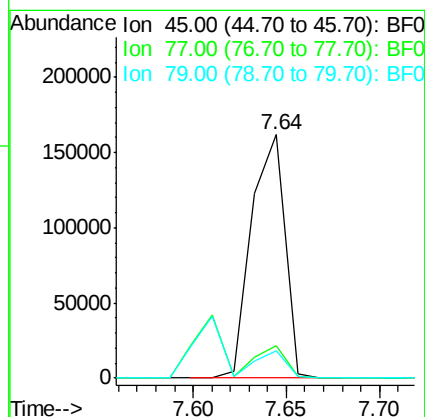
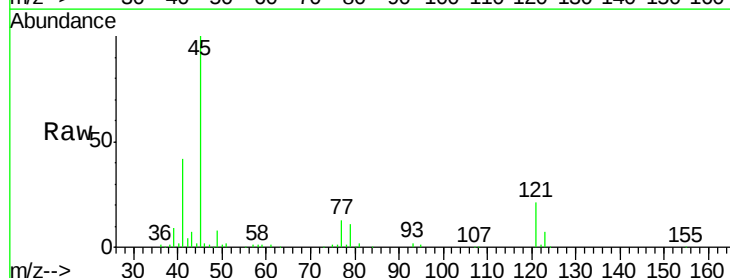
Acq: 13 Jun 2015 13:03

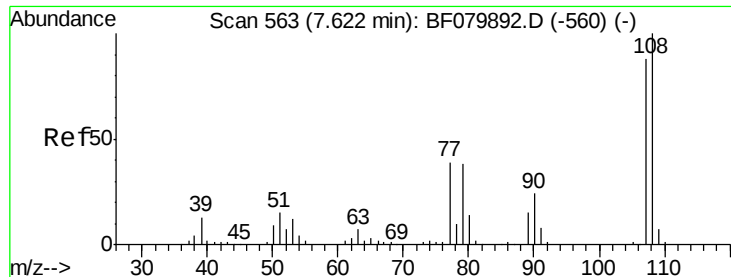
Tgt Ion: 45 Resp: 200770
Ion Ratio Lower Upper

45 100

77 13.3 0.0 31.9

79 11.0 0.0 29.6





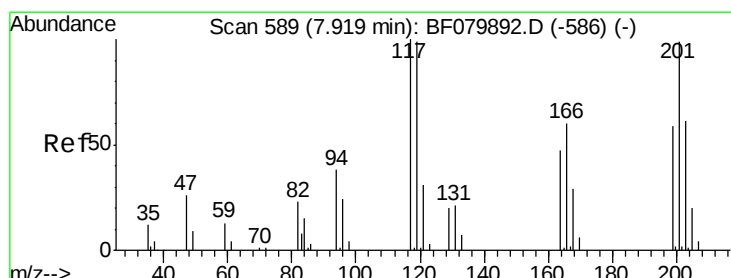
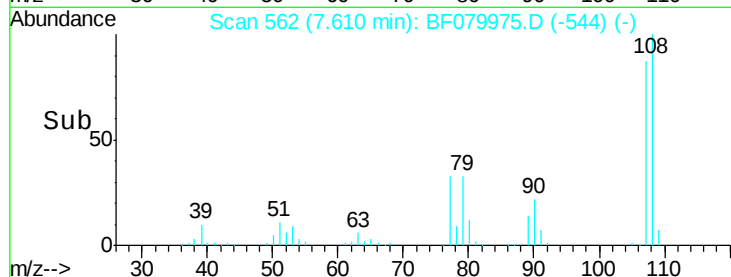
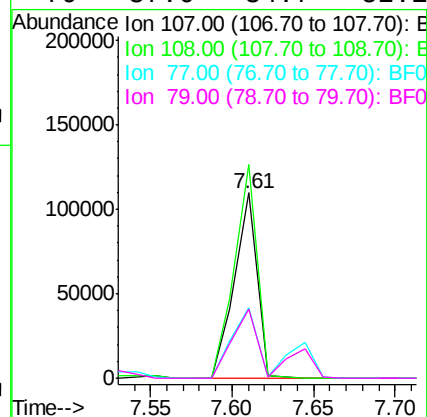
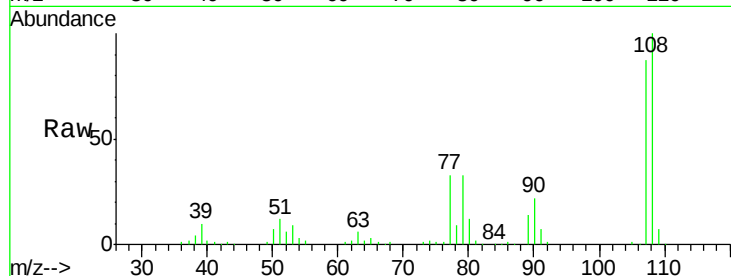
#17
2-Methylphenol
Concen: 42.09 ng
RT: 7.61 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	104766		
108	115.4	90.8	136.2	
77	38.3	35.4	53.2	
79	37.6	34.7	52.1	

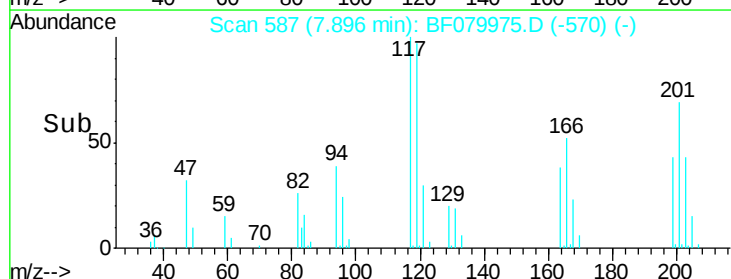
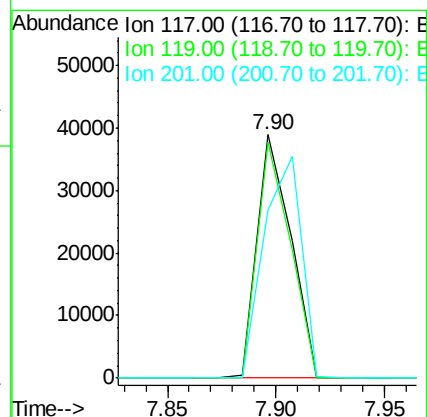
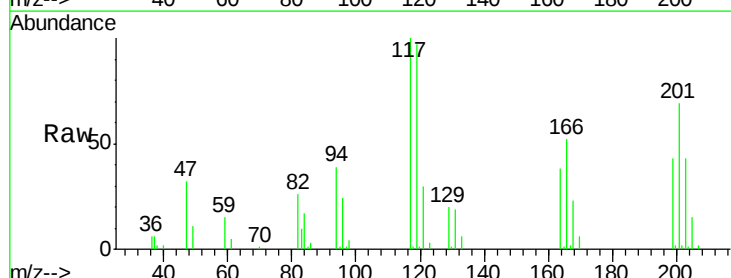
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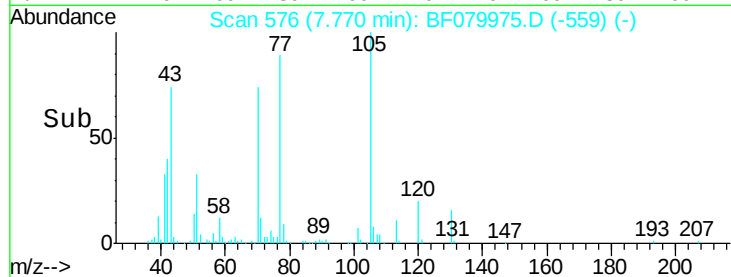
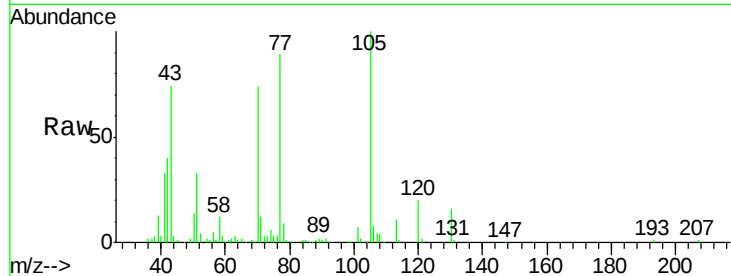
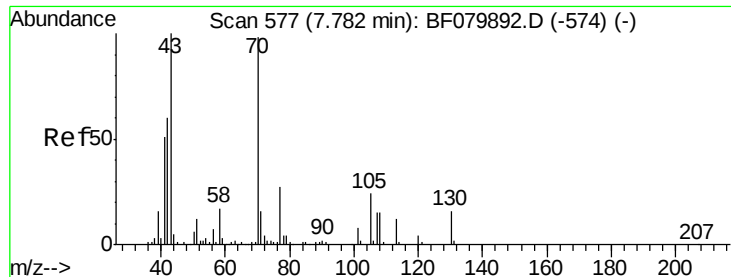
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#18
Hexachloroethane
Concen: 39.39 ng
RT: 7.90 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42109		
119	96.7	79.0	118.6	
201	69.0	79.0	118.6	





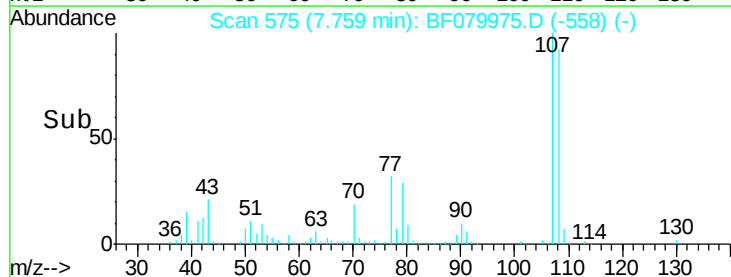
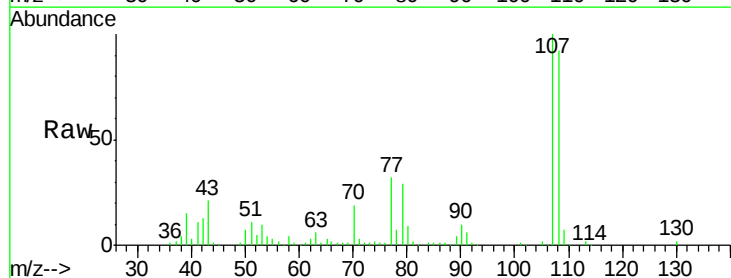
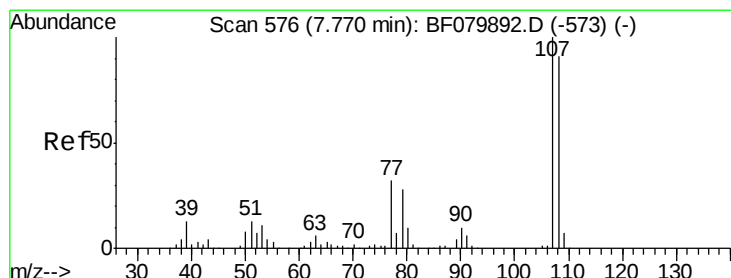
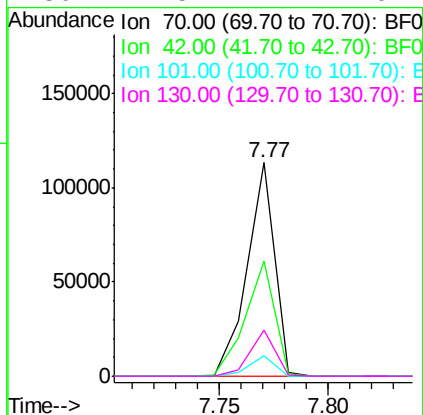
#19
n-Nitroso-di-n-propylamine
Concen: 43.39 ng
RT: 7.77 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

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

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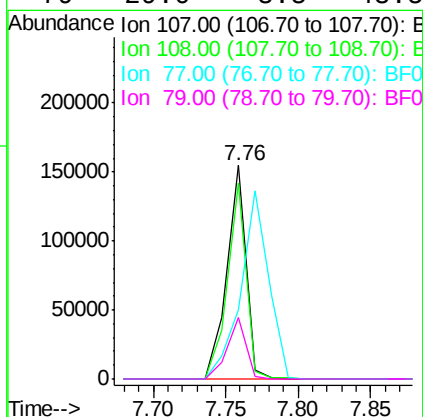
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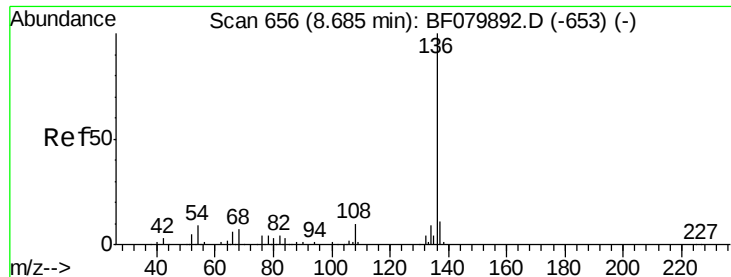
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.2	49.0	73.4	
101	9.7	6.6	9.8	
130	21.5	12.7	19.1#	



#20
3+4-Methylphenols
Concen: 44.86 ng
RT: 7.76 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.8	71.1	111.1	
77	32.1	12.2	52.2	
79	29.0	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: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

ClientSampleId :

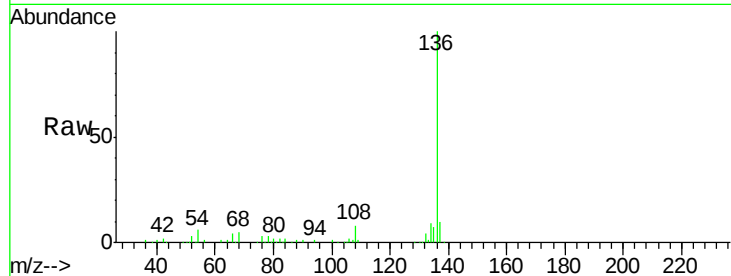
VALHALLA-W1-9.5-10MS

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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	175348		
137	9.9	8.7	13.1	
54	6.1	7.3	10.9	
68	4.6	5.9	8.9	



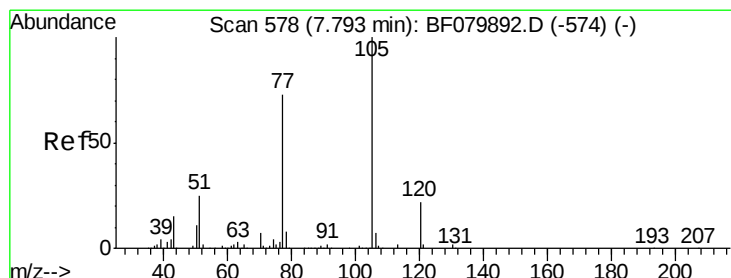
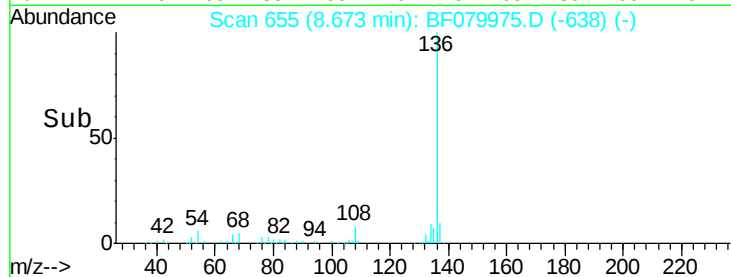
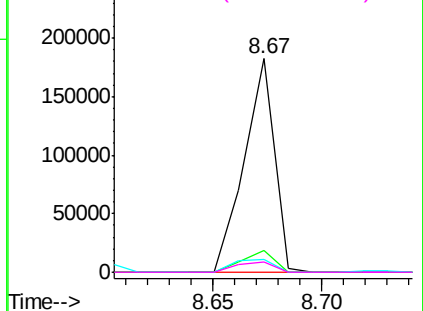
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.80 ng

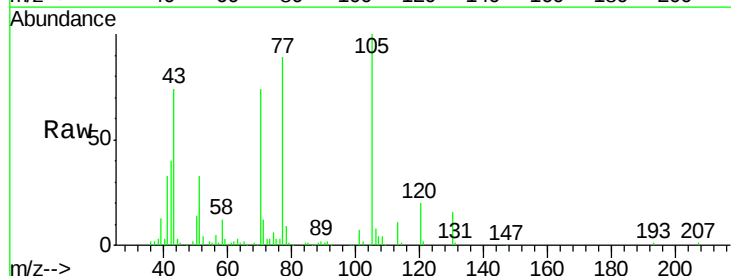
RT: 7.77 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	173116		
71	12.0	1.0	1.4	
51	32.8	19.8	29.6	
120	19.9	17.6	26.4	



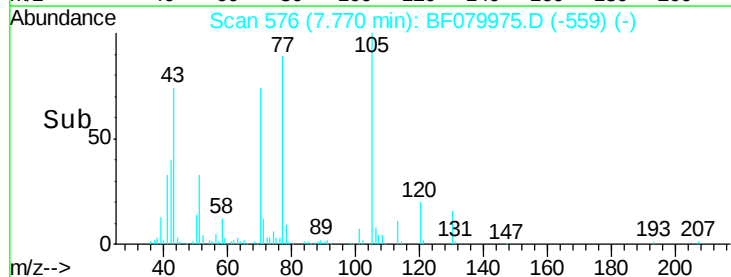
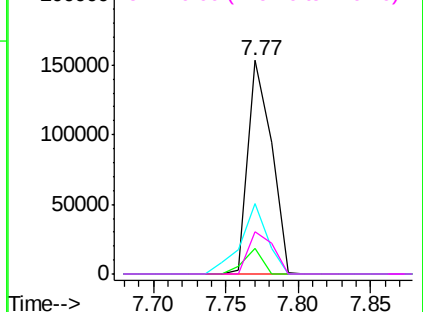
Abundance

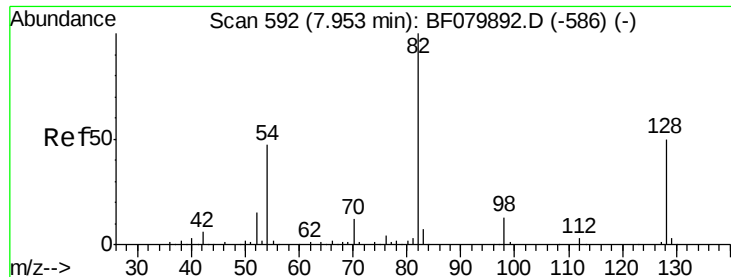
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 92.24 ng

RT: 7.93 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

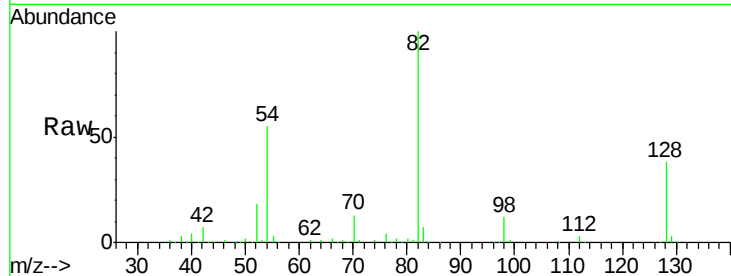
ClientSampleId :

VALHALLA-W1-9.5-10MS

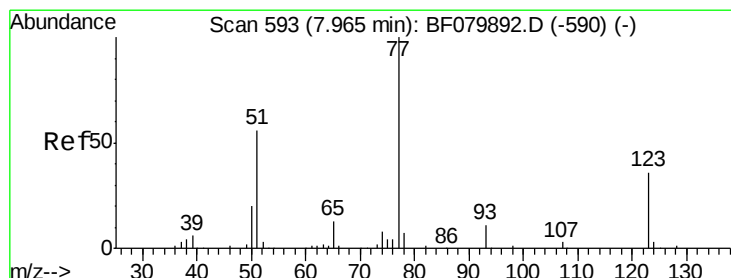
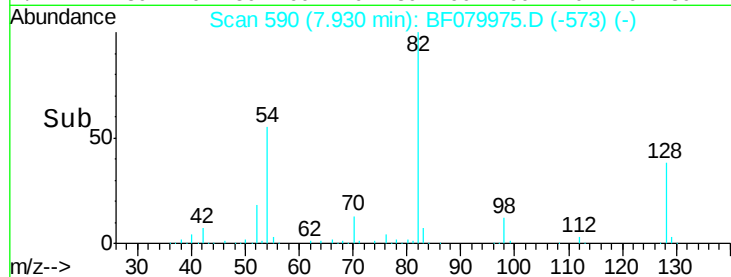
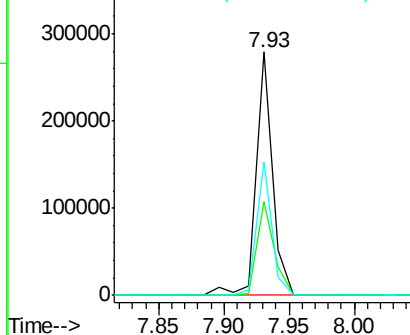
Tgt Ion:	82	Resp:	245140
Ion Ratio		Lower	Upper
82	100		
128	38.5	40.3	60.5#
54	54.9	38.0	57.0

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 48.76 ng

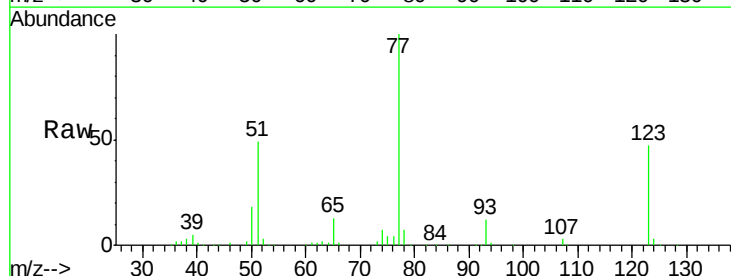
RT: 7.95 min Scan# 592

Delta R.T. -0.00 min

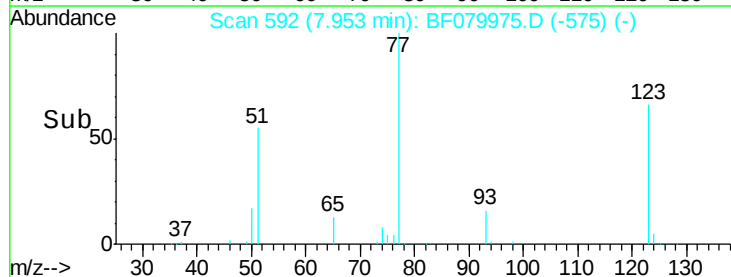
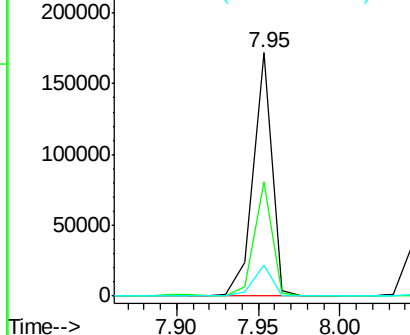
Lab File: BF079975.D

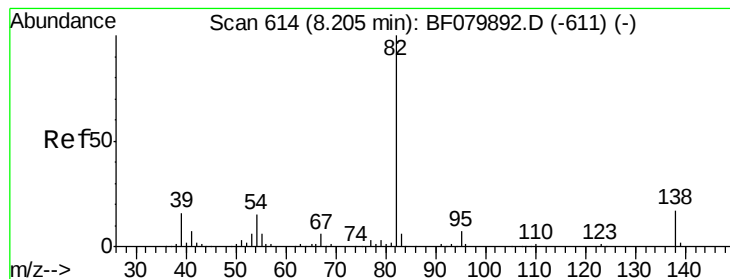
Acq: 13 Jun 2015 13:03

Tgt Ion:	77	Resp:	137858
Ion Ratio		Lower	Upper
77	100		
123	46.8	28.8	43.2#
65	12.6	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.62 ng

RT: 8.19 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

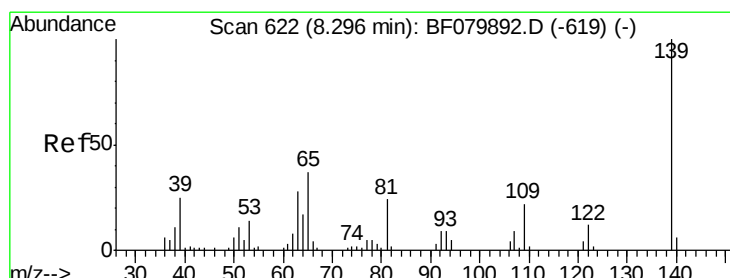
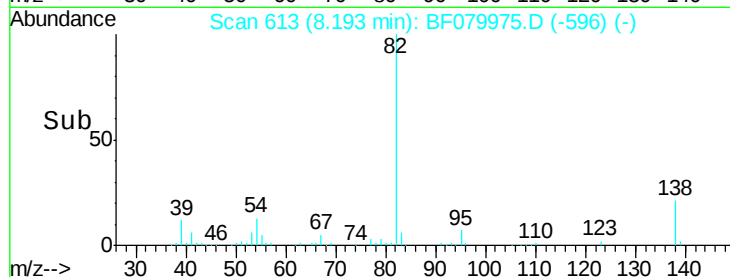
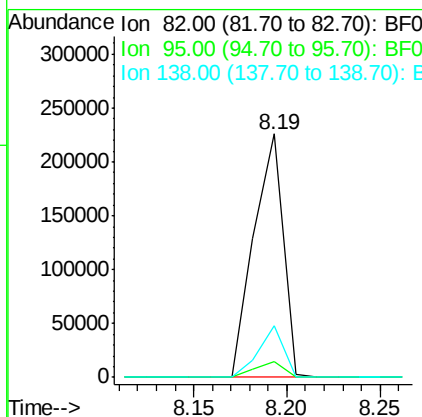
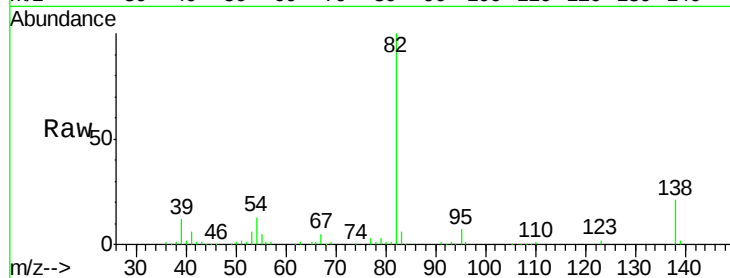
ClientSampleId :

VALHALLA-W1-9.5-10MS

Tgt Ion:	82	Resp:	245023
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	21.4	13.3	19.9#

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.86 ng

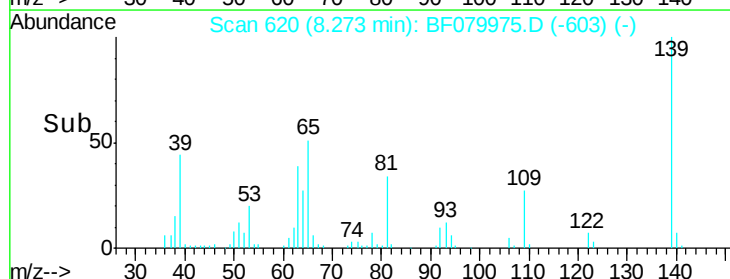
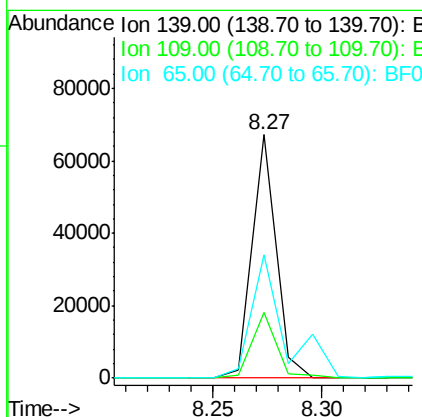
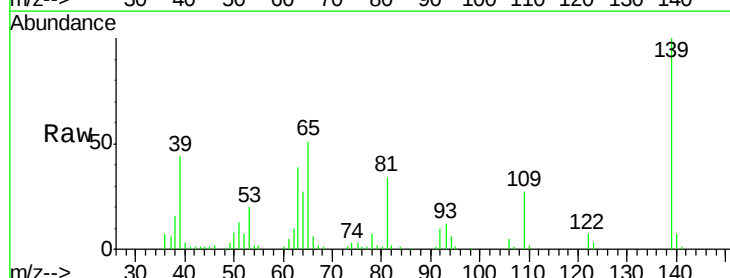
RT: 8.27 min Scan# 620

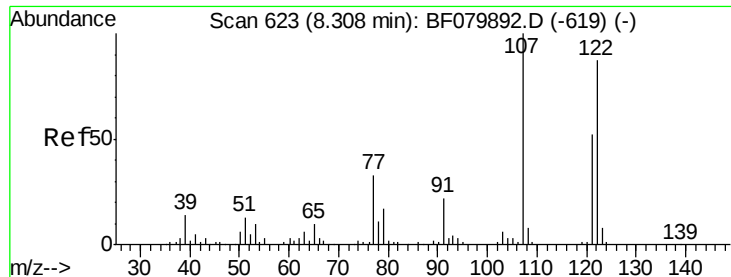
Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion:	139	Resp:	51773
Ion Ratio		Lower	Upper
139	100		
109	26.8	17.8	26.6#
65	50.8	29.4	44.0#





#27

2,4-Dimethylphenol

Concen: 43.28 ng

RT: 8.30 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

ClientSampleId :

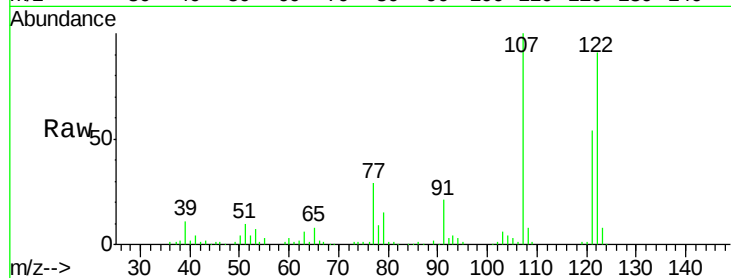
VALHALLA-W1-9.5-10MS

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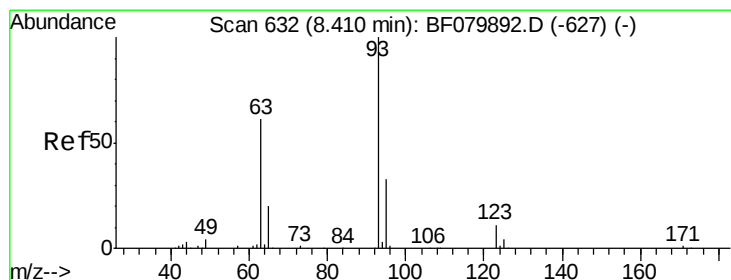
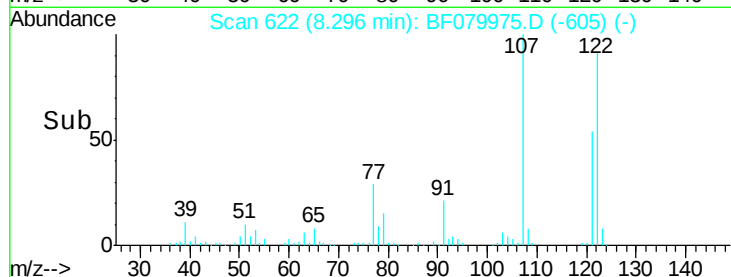
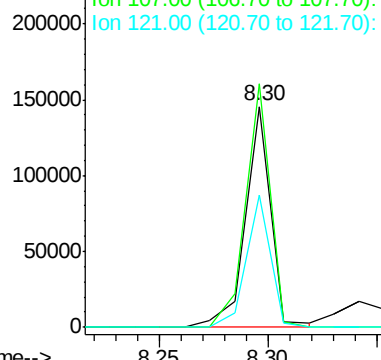
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	119952		
107	110.3	91.7	137.5	
121	59.6	47.8	71.6	



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.15 ng

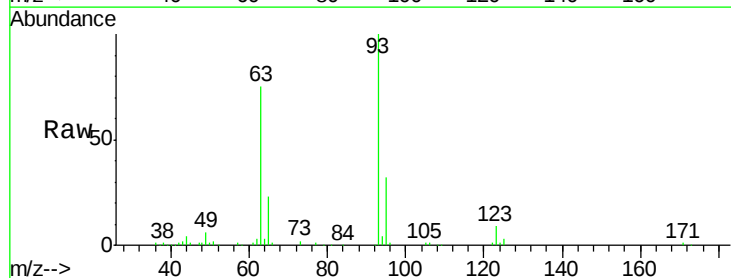
RT: 8.39 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

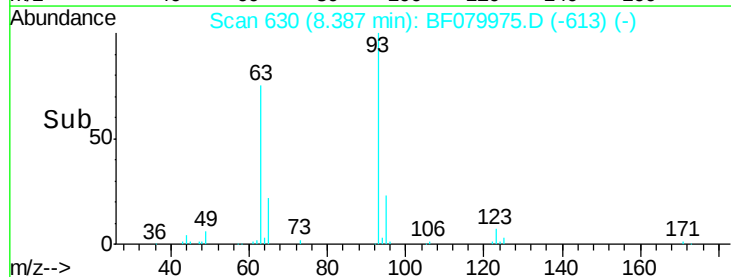
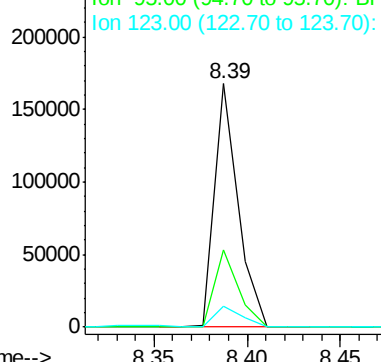
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	147436		
95	31.5	26.1	39.1	
123	8.8	8.9	13.3#	

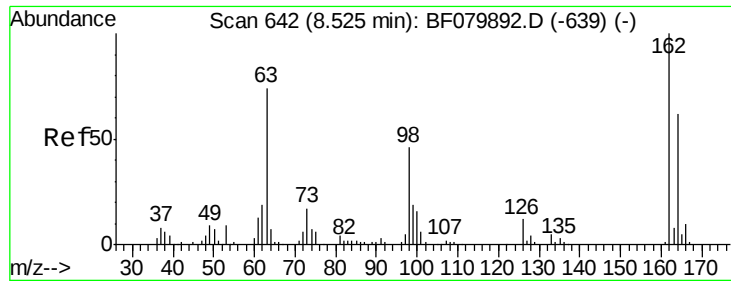


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





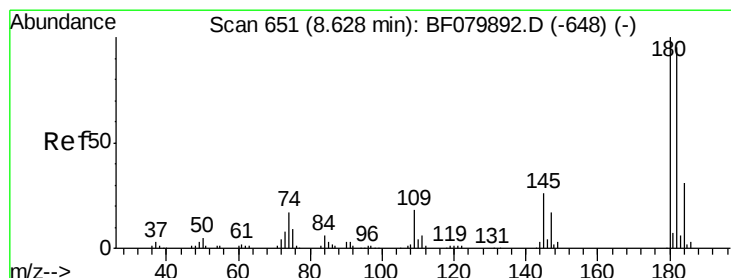
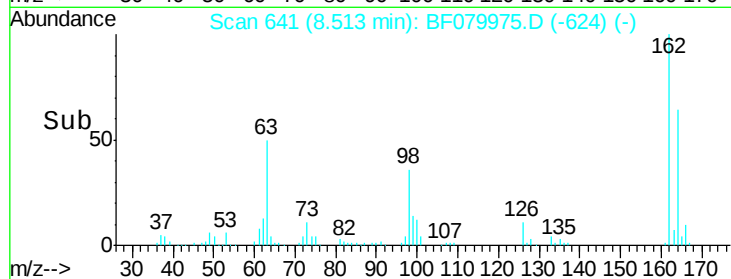
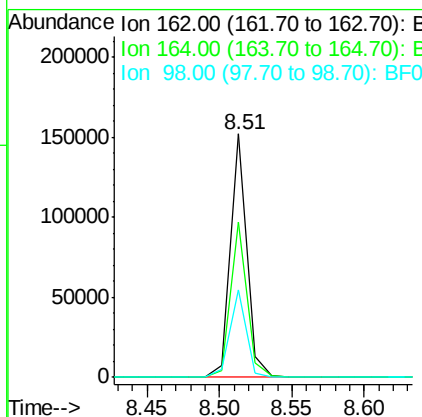
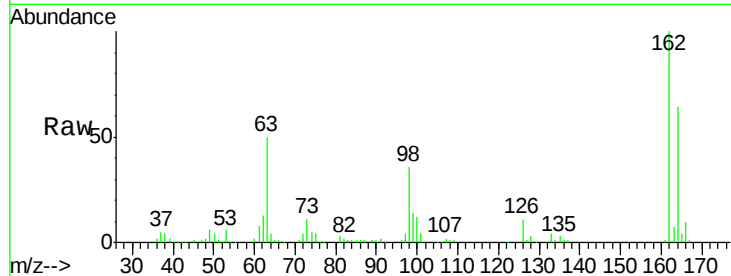
#29
2,4-Dichlorophenol
Concen: 51.46 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	119461		
164	63.8	42.2	82.2	
98	35.7	26.0	66.0	

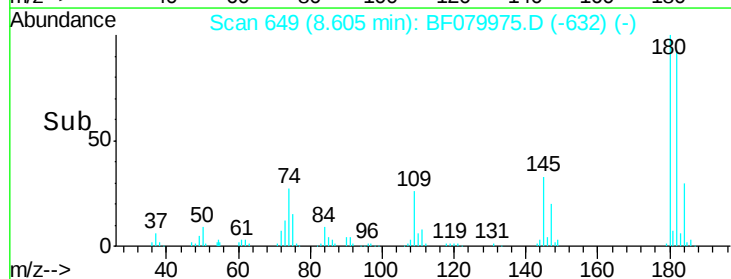
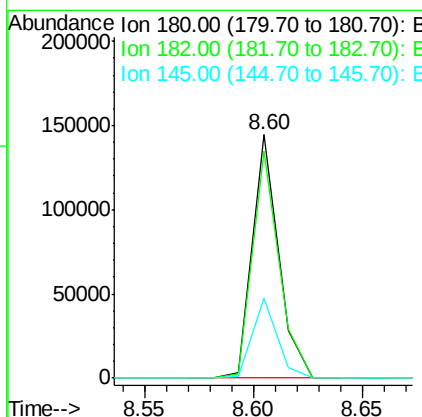
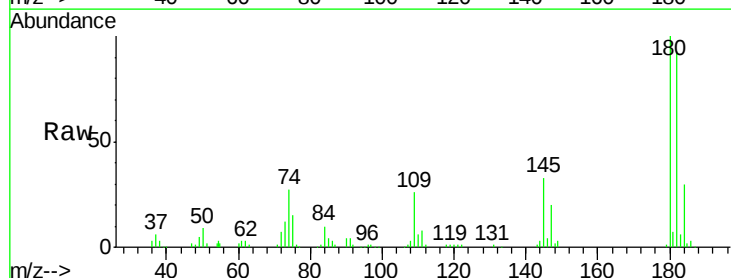
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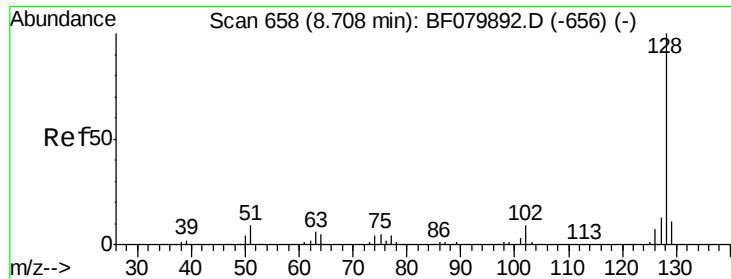
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#30
1,2,4-Trichlorobenzene
Concen: 40.95 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	120830		
182	93.1	75.7	113.5	
145	32.6	21.1	31.7#	





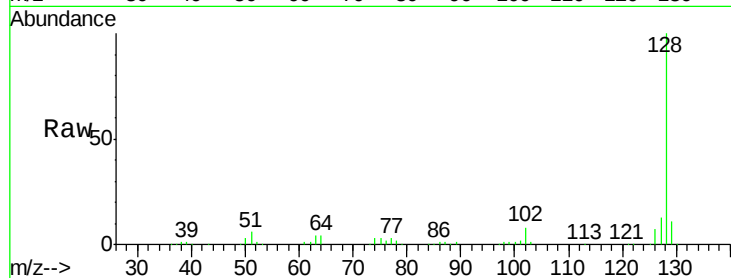
#31
Naphthalene
Concen: 39.87 ng
RT: 8.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

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

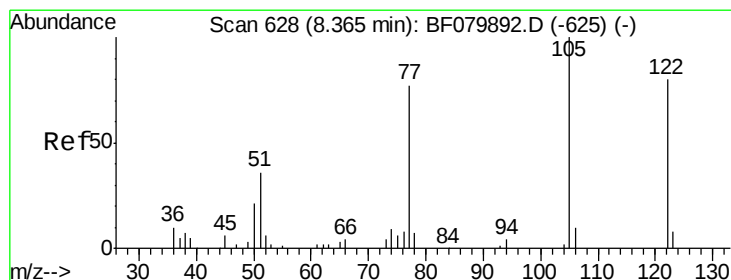
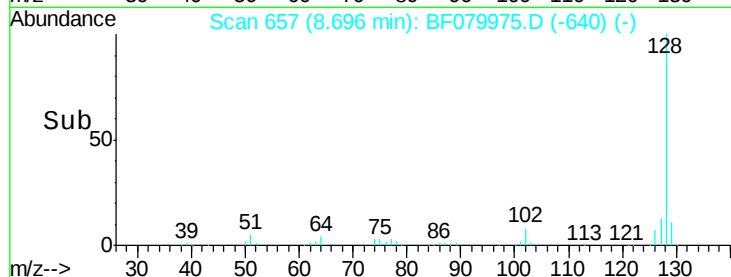
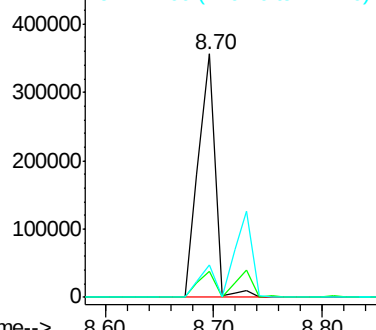
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	382158		
129	10.7	8.8	13.2	
127	13.2	10.5	15.7	

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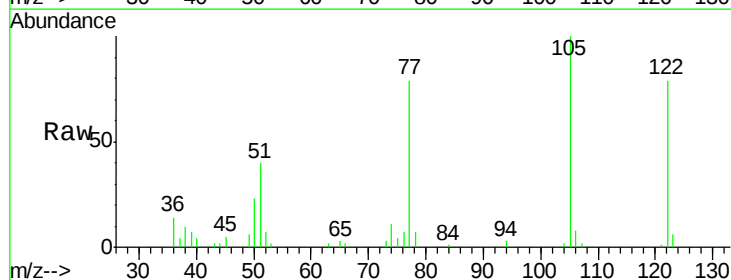


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

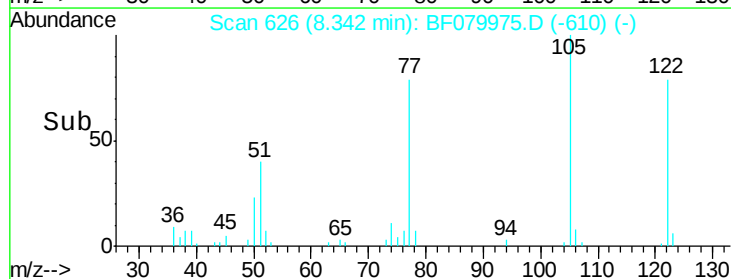
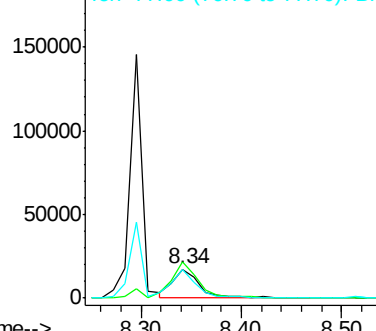


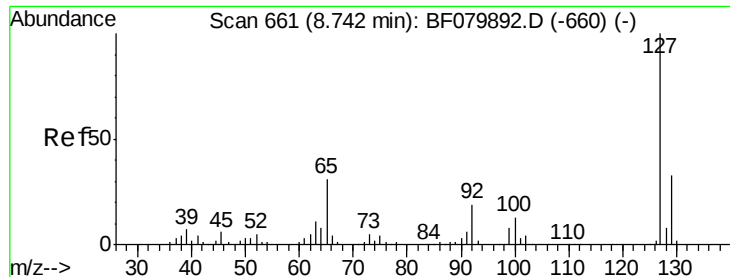
#32
Benzoic acid
Concen: 33.10 ng
RT: 8.34 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	32342		
105	126.1	102.7	142.7	
77	100.0	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





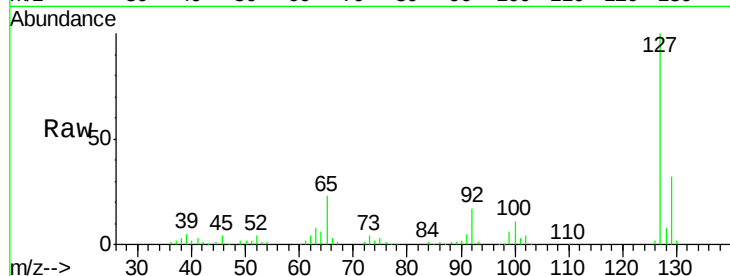
#33
4-Chloroaniline
Concen: 49.88 ng
RT: 8.73 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

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

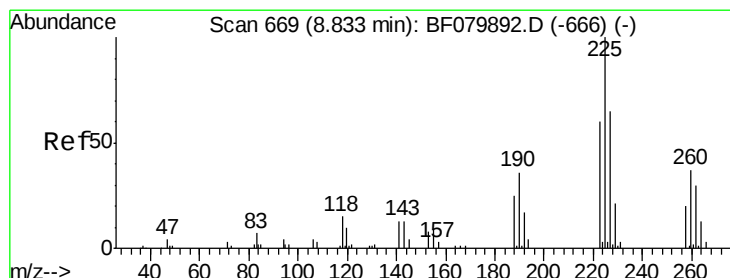
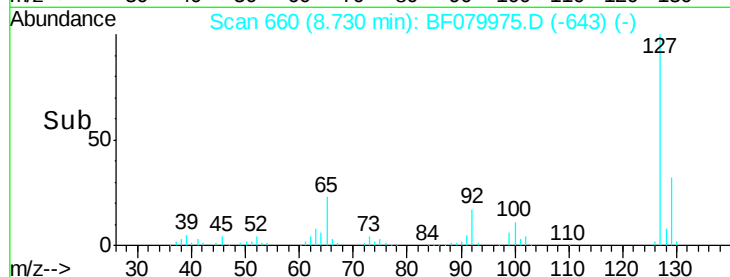
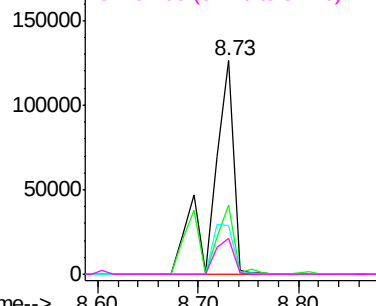
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.1	39.1	
65	22.9	25.5	38.3	
92	17.1	15.7	23.5	

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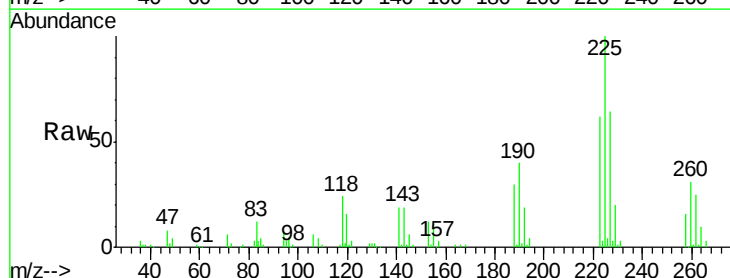


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

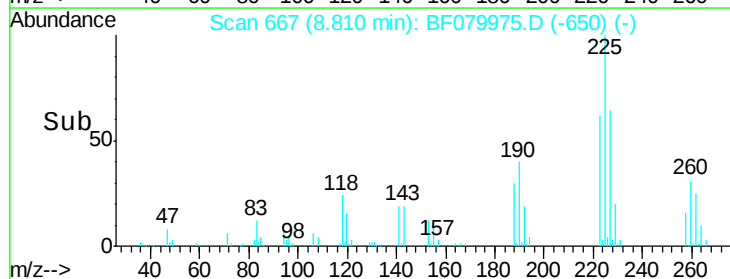
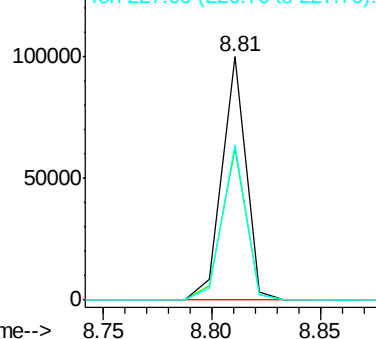


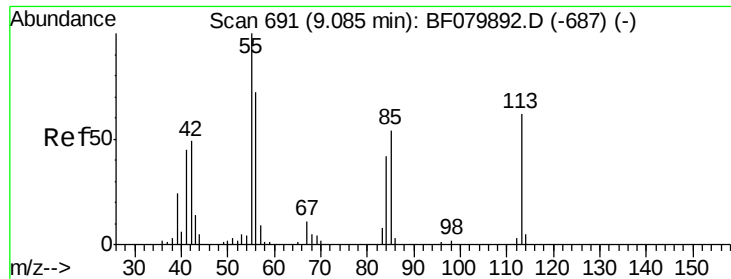
#34
Hexachlorobutadiene
Concen: 46.69 ng
RT: 8.81 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	47.8	71.6	
227	63.9	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





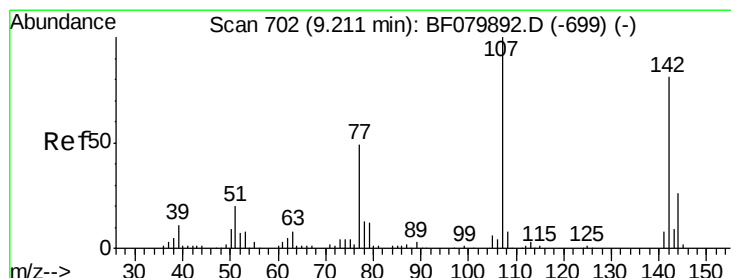
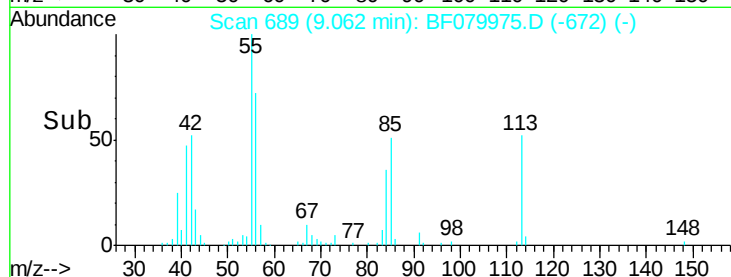
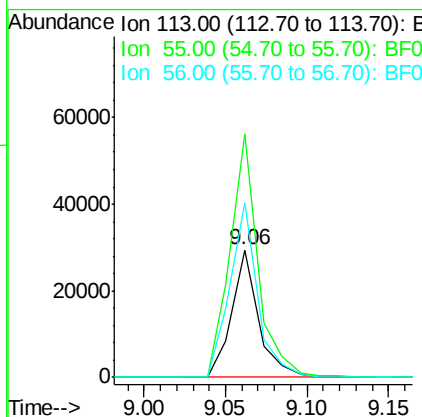
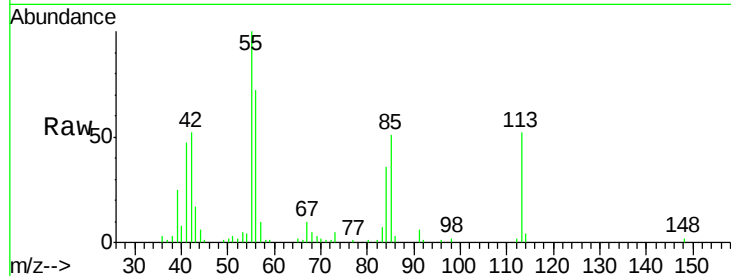
#35
 Caprolactam
 Concen: 45.32 ng
 RT: 9.06 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	190.6	141.4	181.4#	
56	136.9	95.9	135.9#	

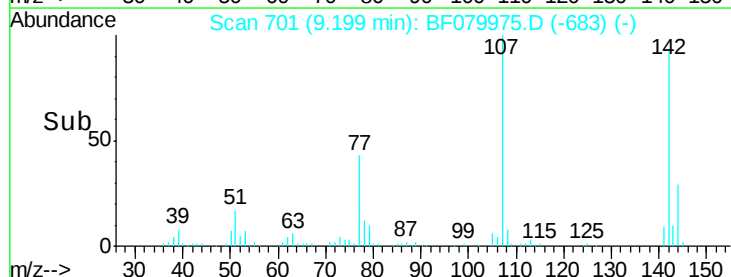
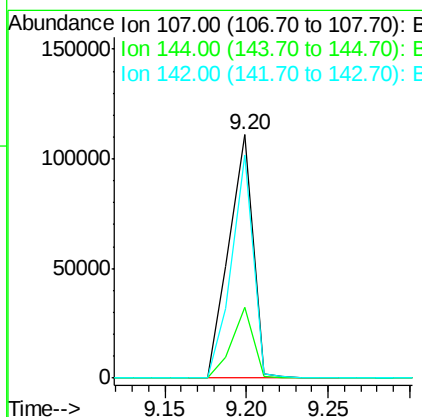
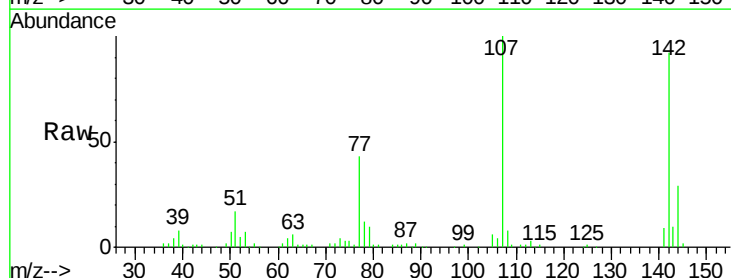
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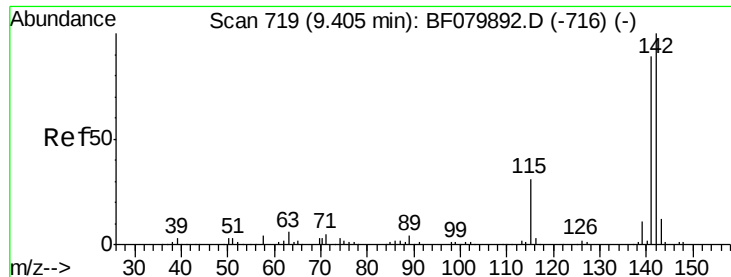
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#36
 4-Chloro-3-methylphenol
 Concen: 42.65 ng
 RT: 9.20 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	29.1	21.0	31.6	
142	91.5	64.5	96.7	





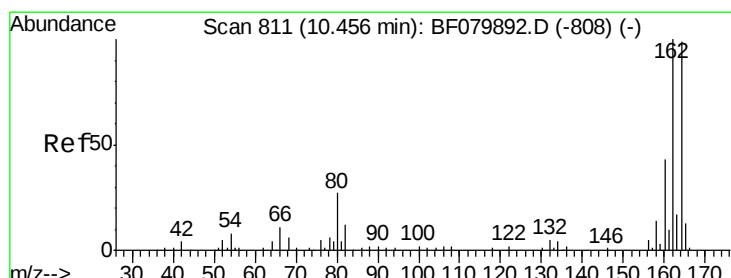
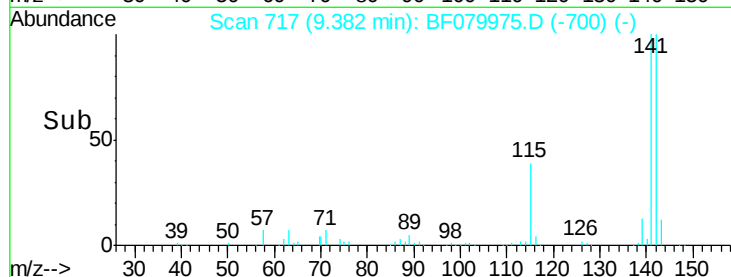
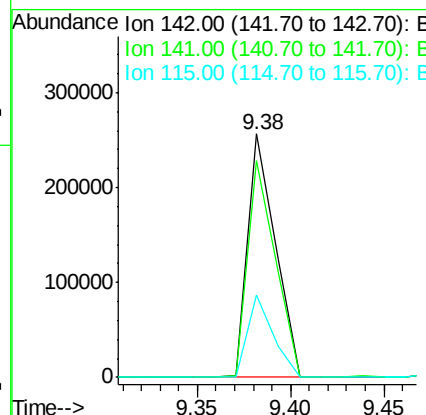
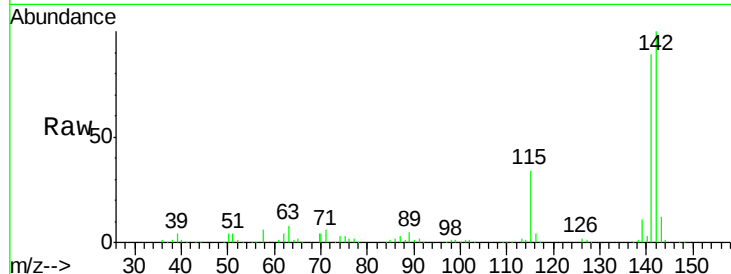
#37
2-Methylnaphthalene
Concen: 40.63 ng
RT: 9.38 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	263098		
141	89.1	70.9	106.3	
115	34.1	25.0	37.4	

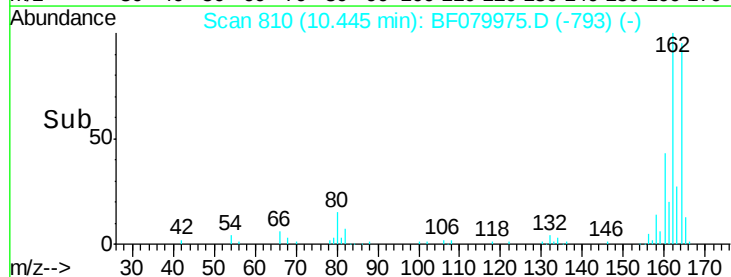
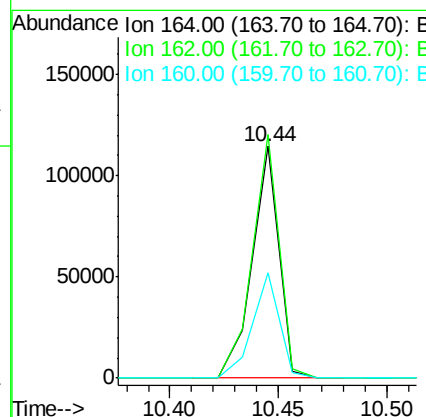
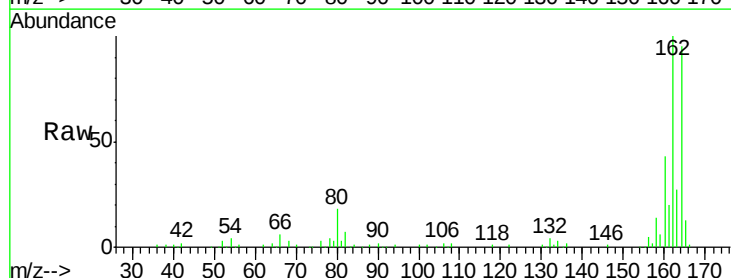
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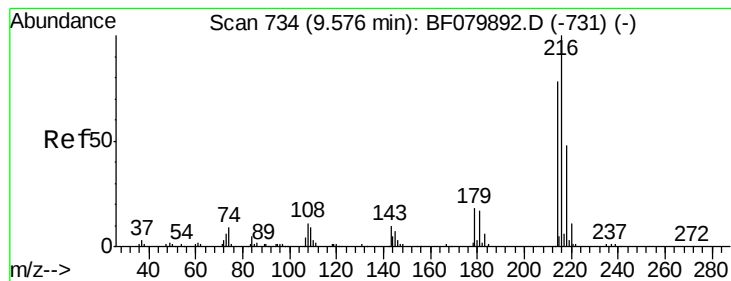
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	96930		
162	105.0	80.7	121.1	
160	45.3	34.6	51.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.45 ng

RT: 9.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

ClientSampleId :

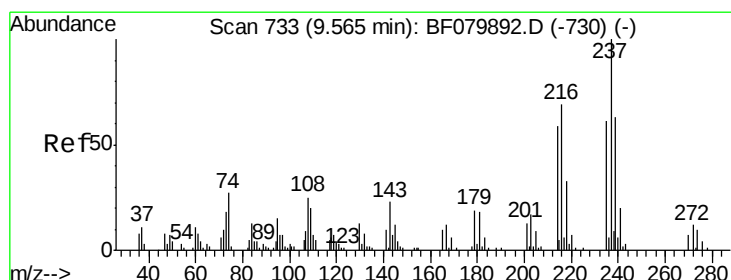
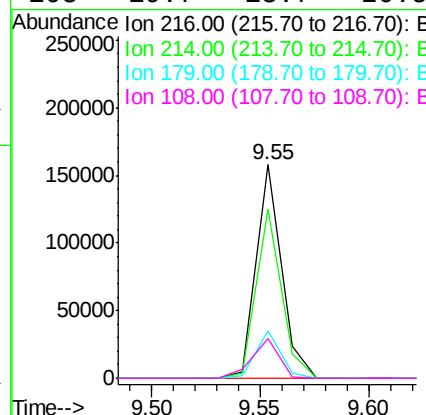
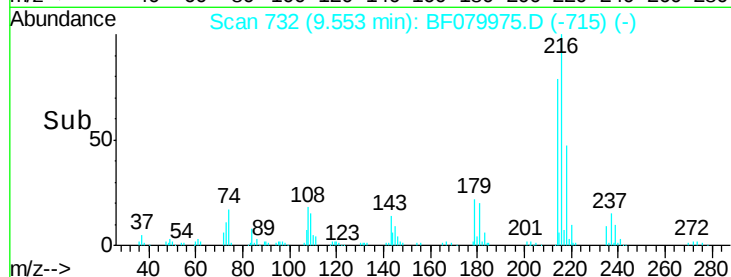
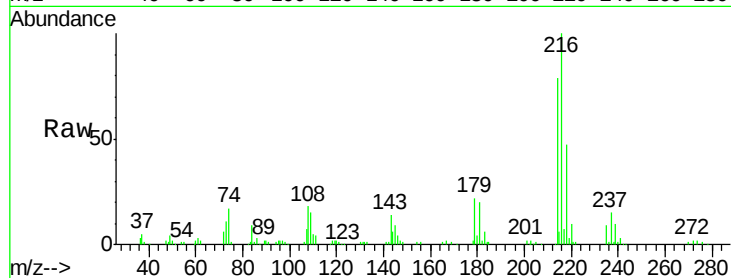
VALHALLA-W1-9.5-10MS

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		128066		
214	78.8	63.5	95.3		
179	21.6	15.8	23.8		
108	19.7	13.7	20.5		



#40

Hexachlorocyclopentadiene

Concen: 59.45 ng

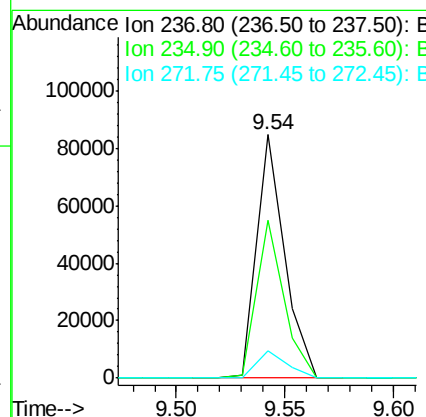
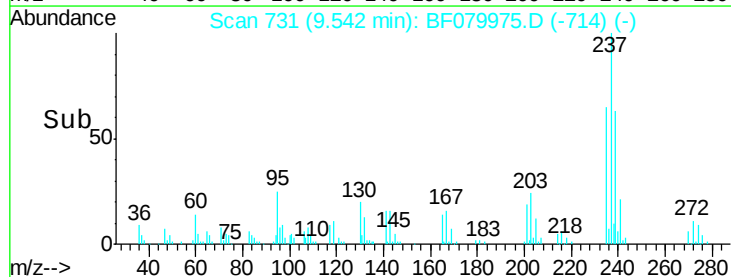
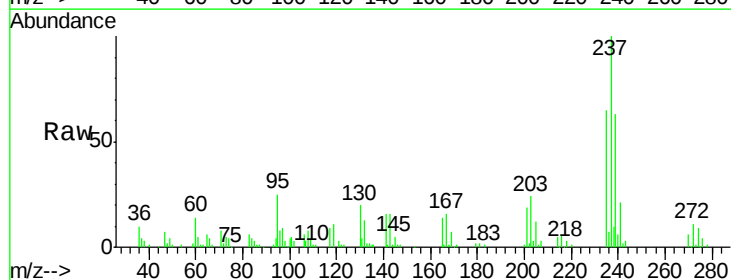
RT: 9.54 min Scan# 731

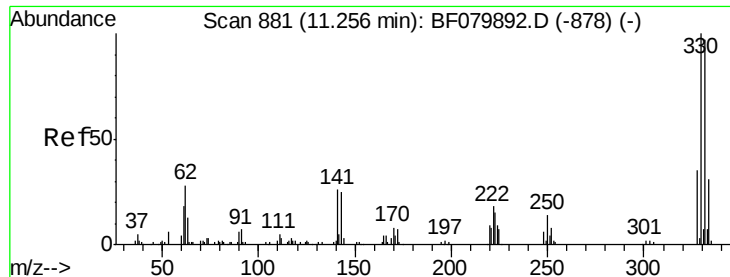
Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		75442		
235	65.0	41.3	81.3		
272	11.3	0.0	32.2		





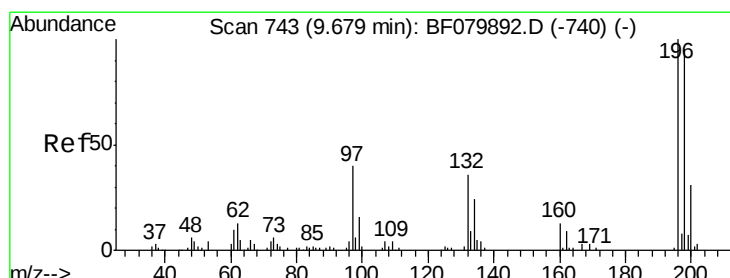
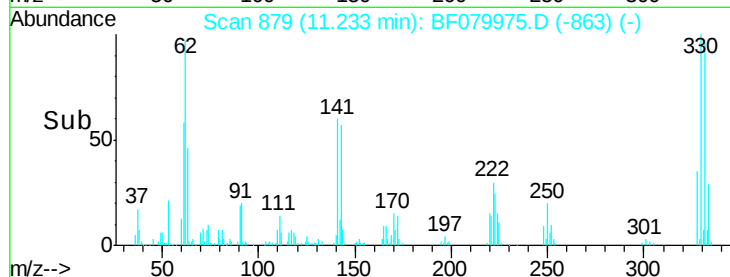
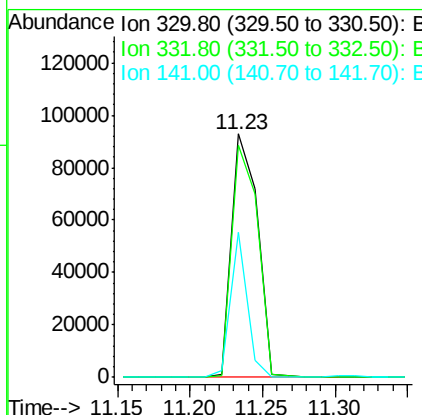
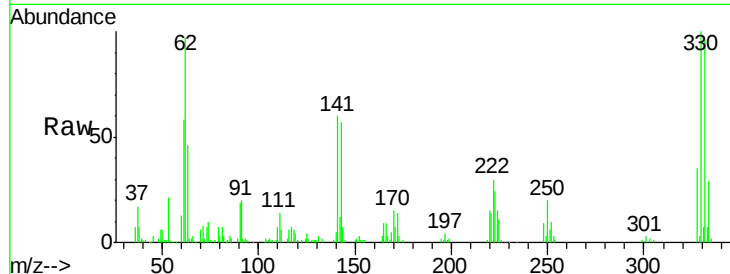
#41
 2,4,6-Tribromophenol
 Concen: 118.37 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	115299		
332	96.1	77.3	115.9	
141	38.6	26.8	40.2	

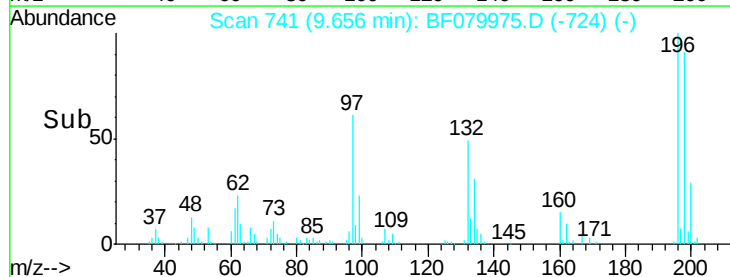
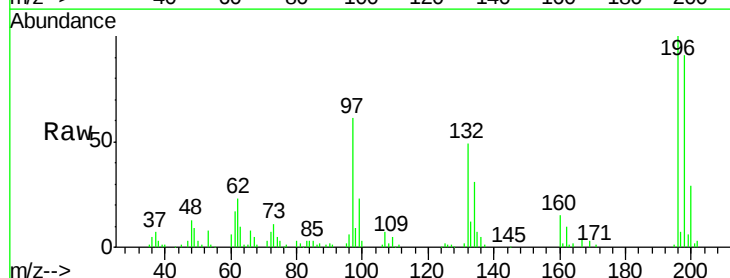
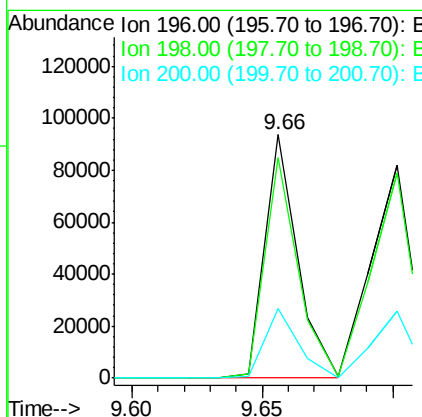
Manual Integrations
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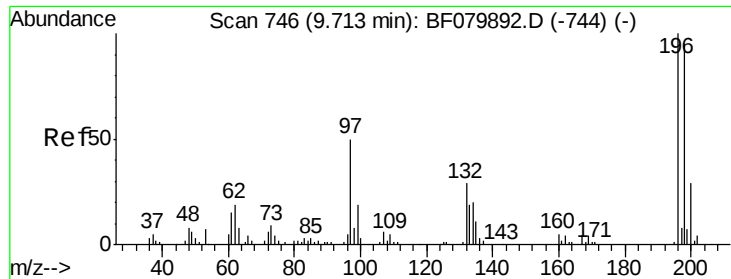
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#42
 2,4,6-Trichlorophenol
 Concen: 40.85 ng
 RT: 9.66 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

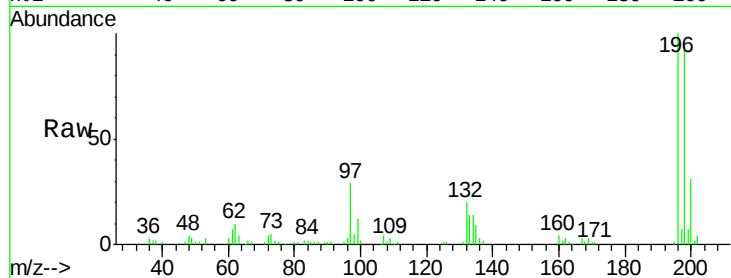
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	81715		
198	90.6	76.0	114.0	
200	28.8	24.9	37.3	





#43
 2,4,5-Trichlorophenol
 Concen: 38.92 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

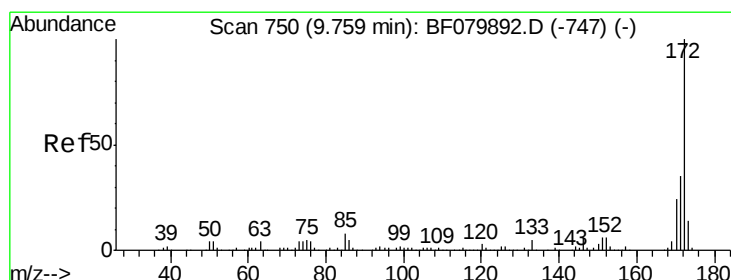
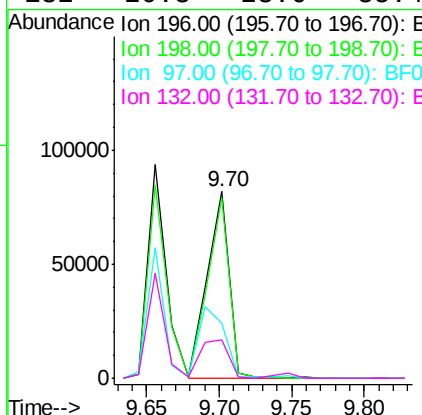
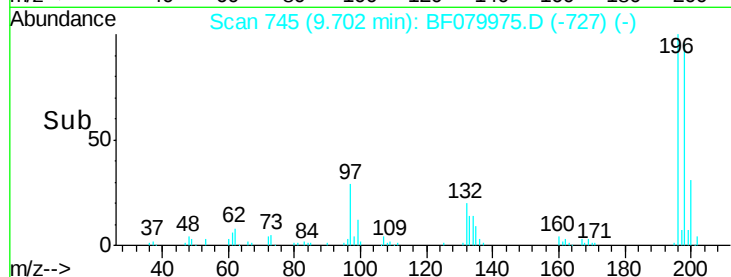
Instrument :
 BNA_F
 ClientSampleId :
 VALHALLA-W1-9.5-10MS



Tgt Ion:	196	Resp:	85936
Ion Ratio	Lower	Upper	
196	100		
198	96.3	76.0	114.0
97	29.3	39.4	59.2#
132	20.3	23.6	35.4#

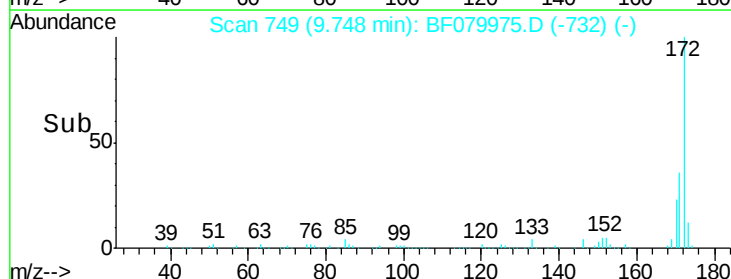
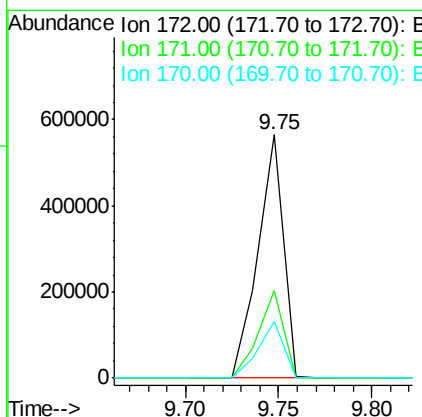
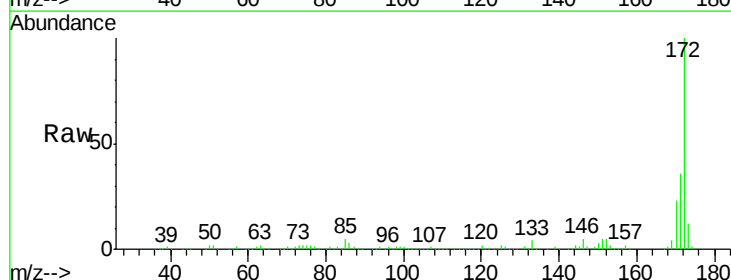
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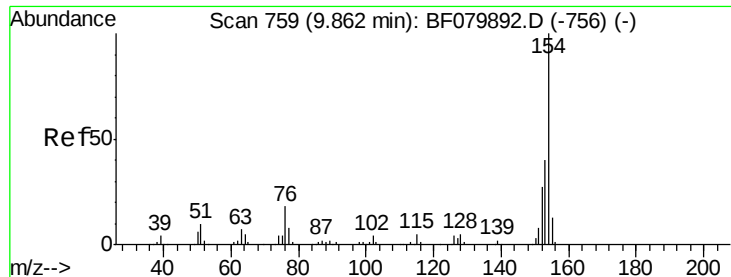
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#44
 2-Fluorobiphenyl
 Concen: 76.51 ng
 RT: 9.75 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

Tgt Ion:	172	Resp:	529639
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.3	42.5
170	23.4	19.0	28.4





#45

1,1'-Biphenyl

Concen: 43.62 ng

RT: 9.85 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

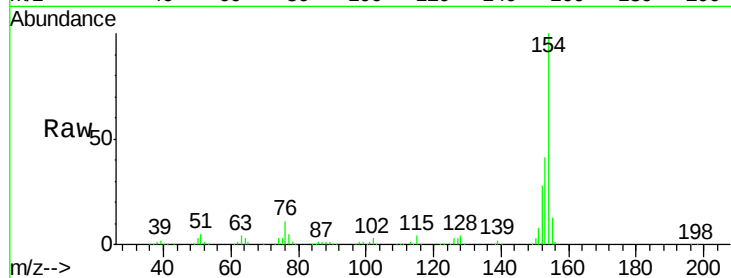
ClientSampleId :

VALHALLA-W1-9.5-10MS

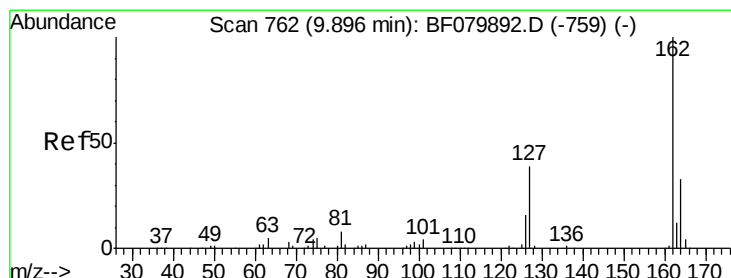
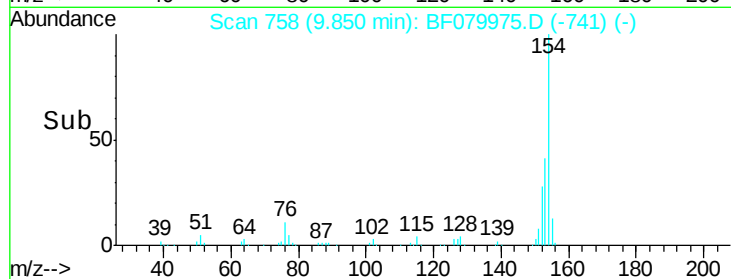
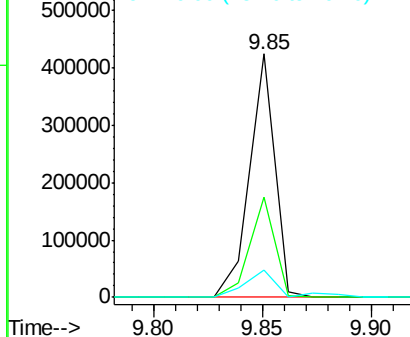
Tgt Ion:	154	Resp:	342184
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.1	60.1
76	11.2	0.0	38.4

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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: 37.93 ng

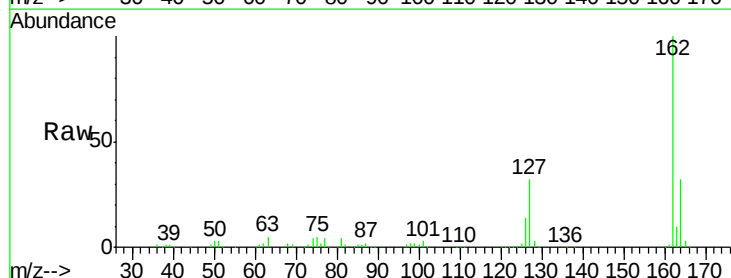
RT: 9.88 min Scan# 761

Delta R.T. -0.00 min

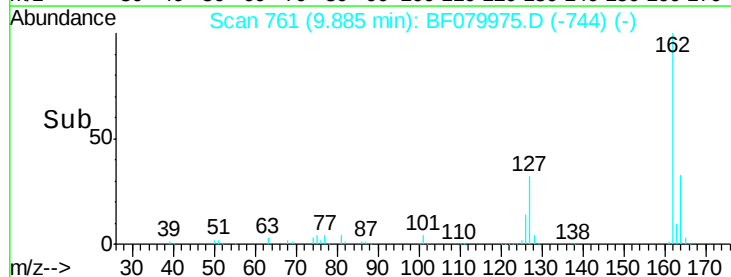
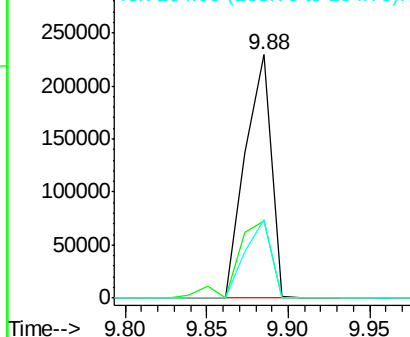
Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion:	162	Resp:	253346
Ion Ratio	Lower	Upper	
162	100		
127	31.9	33.1	49.7#
164	32.4	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





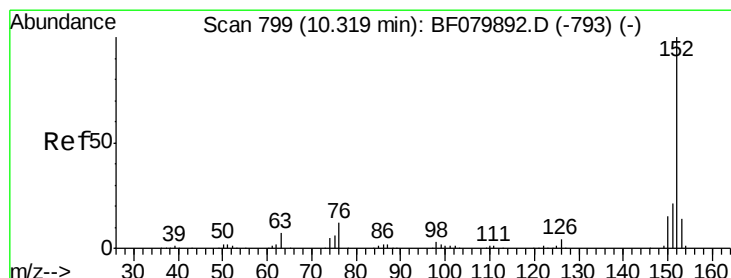
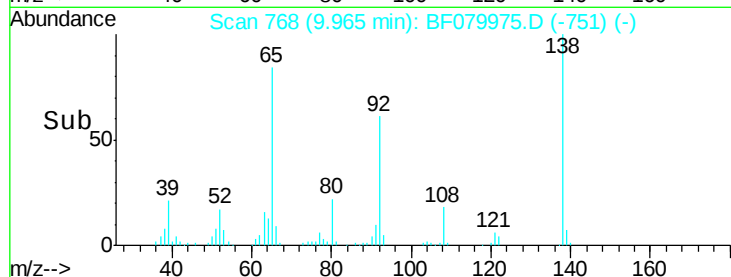
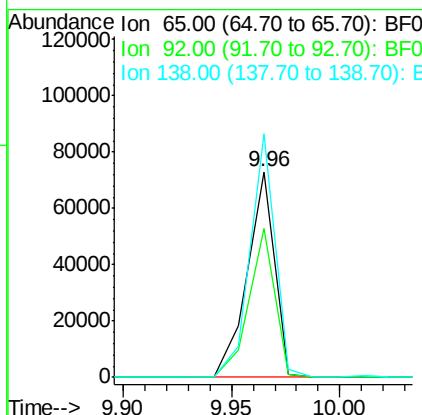
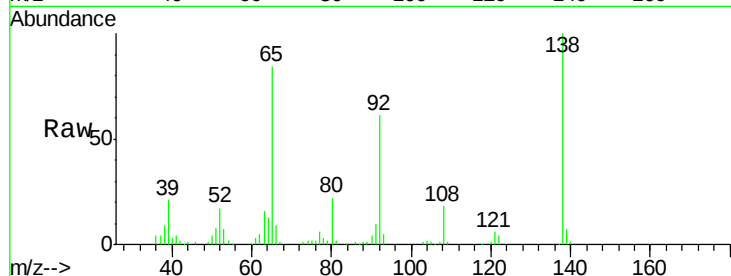
#47
2-Nitroaniline
Concen: 44.46 ng
RT: 9.96 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	51.1	76.7
138	118.4	62.0	93.0

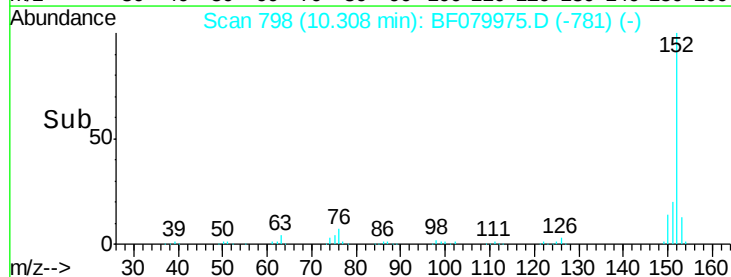
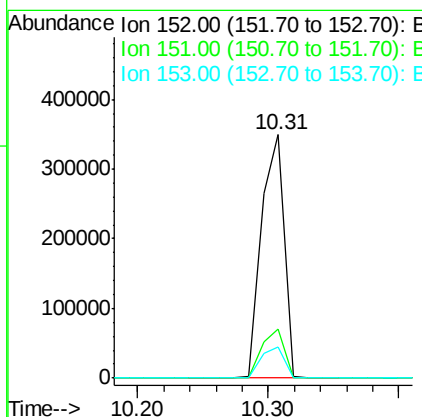
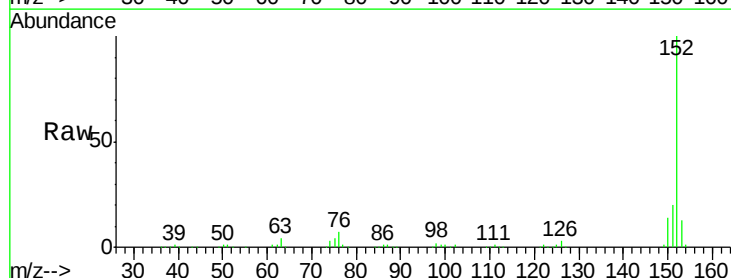
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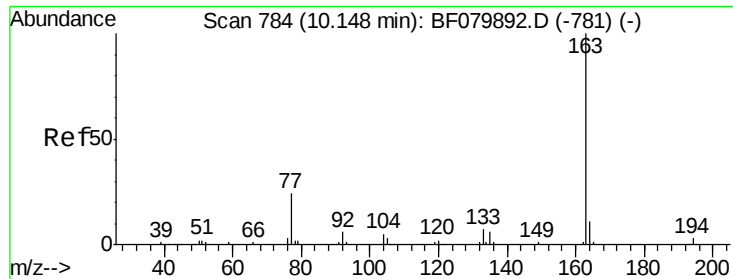
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#48
Acenaphthylene
Concen: 37.79 ng
RT: 10.31 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	12.6	10.8	16.2





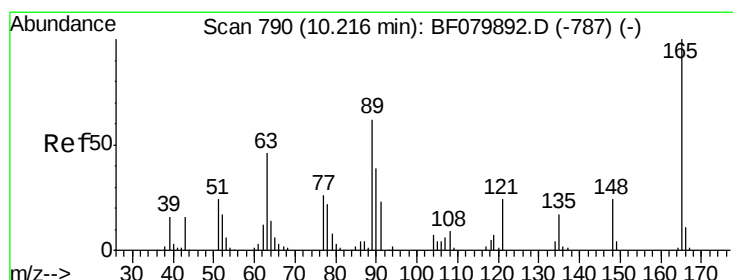
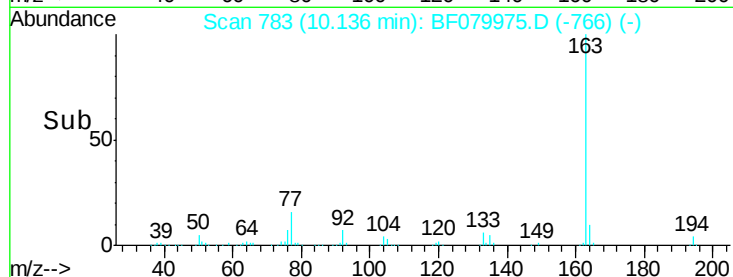
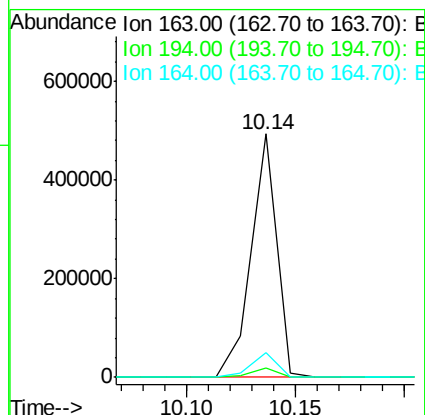
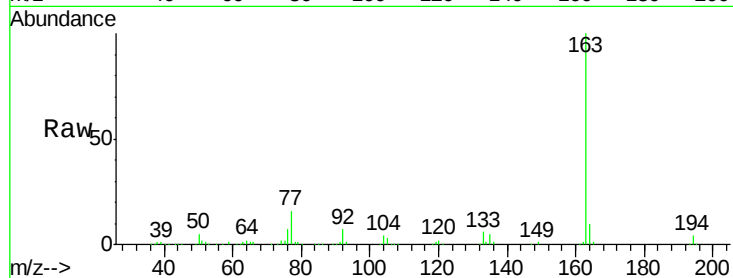
#49
Dimethylphthalate
Concen: 51.68 ng
RT: 10.14 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.6	4.0
164	9.9	8.6	12.8

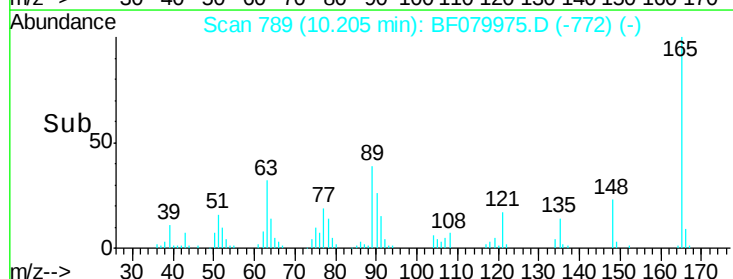
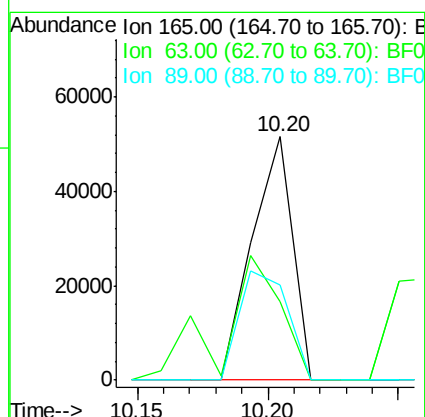
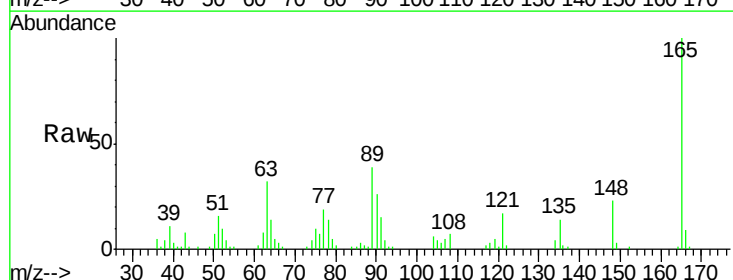
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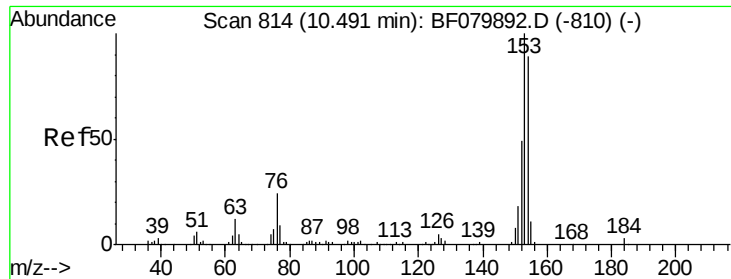
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#50
2,6-Dinitrotoluene
Concen: 39.62 ng
RT: 10.20 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	32.2	46.4	69.6#
89	39.1	49.6	74.4#





#51

Acenaphthene

Concen: 40.59 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

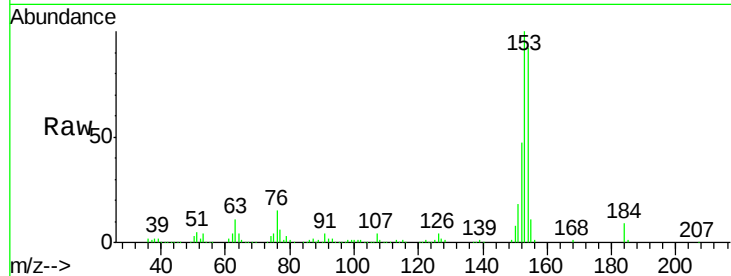
ClientSampleId :

VALHALLA-W1-9.5-10MS

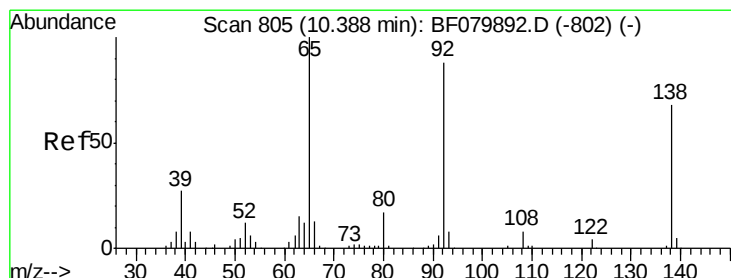
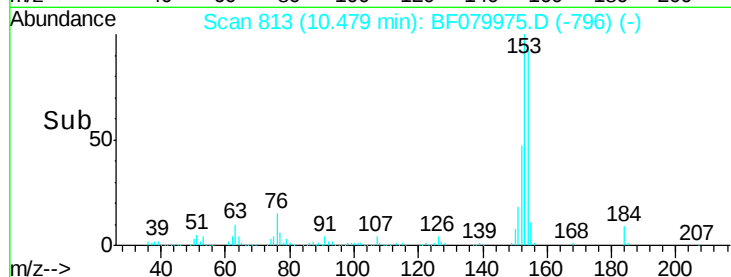
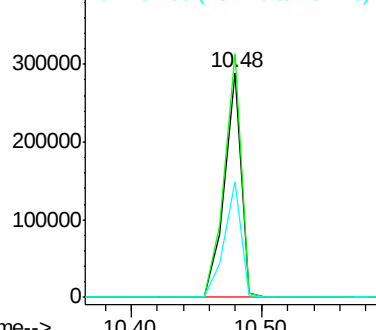
Tgt Ion:	154	Resp:	260091
Ion Ratio	Lower	Upper	
154	100		
153	108.2	90.0	135.0
152	51.3	43.7	65.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.60 ng

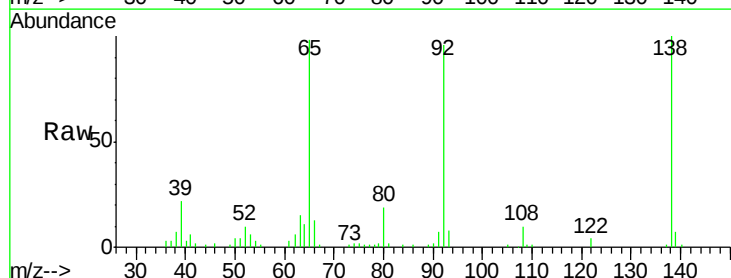
RT: 10.38 min Scan# 804

Delta R.T. -0.00 min

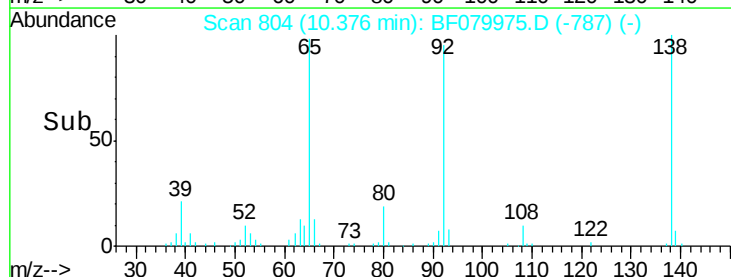
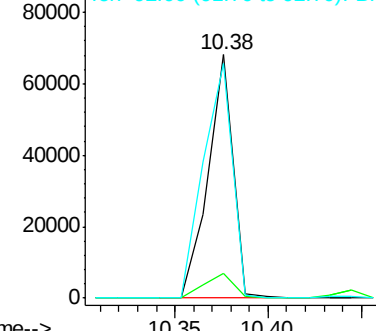
Lab File: BF079975.D

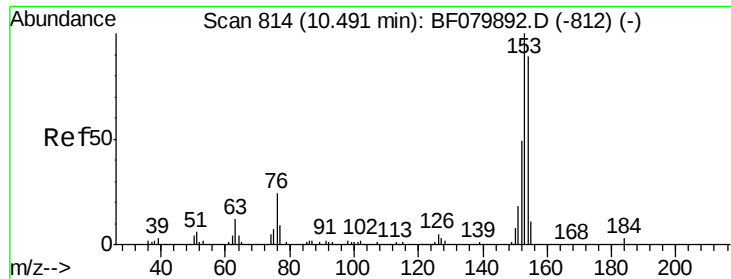
Acq: 13 Jun 2015 13:03

Tgt Ion:	138	Resp:	63729
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.0	13.6
92	96.1	103.1	154.7#



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





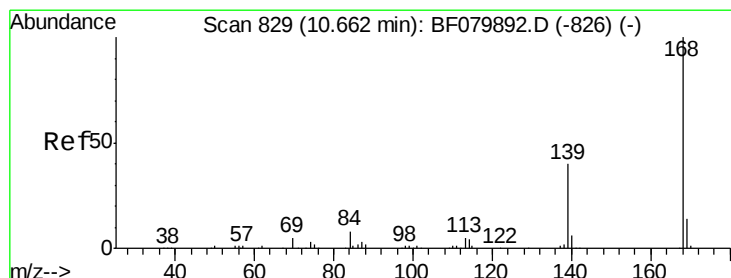
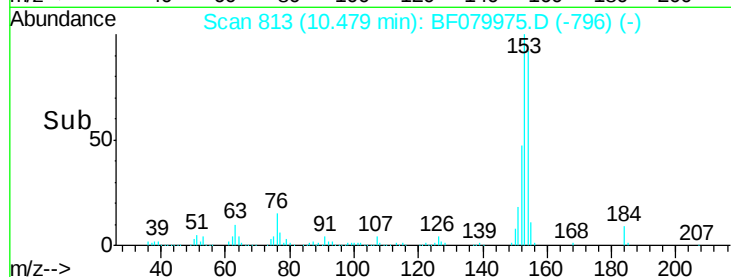
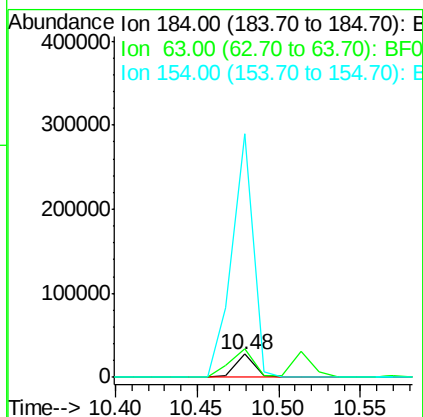
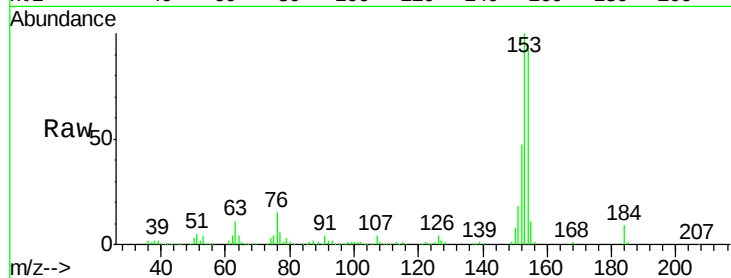
#53
 2,4-Dinitrophenol
 Concen: 78.14 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

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

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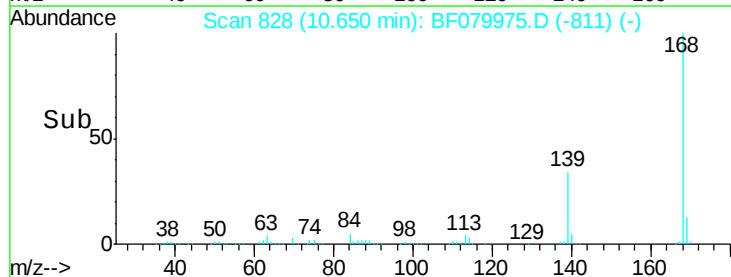
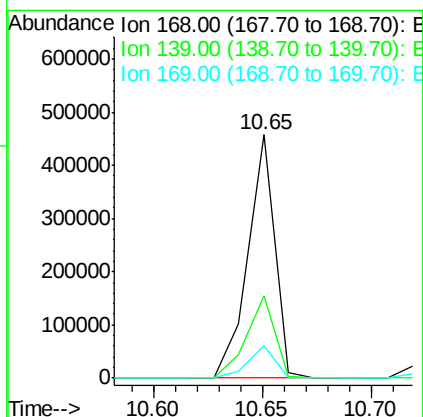
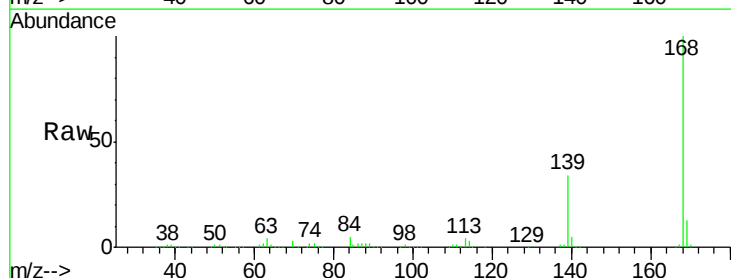
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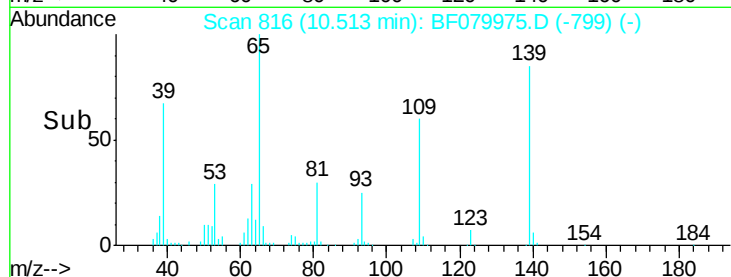
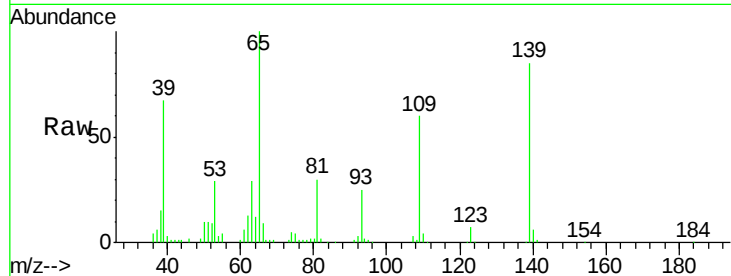
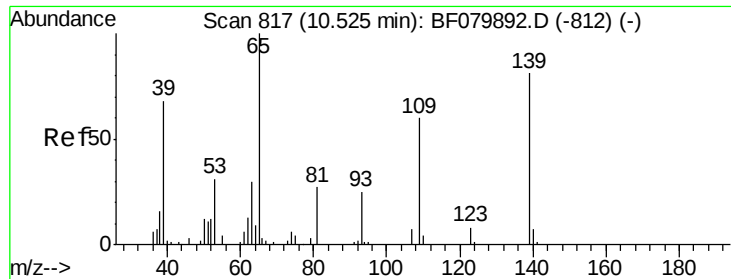
Tgt Ion:184 Resp: 22613
 Ion Ratio Lower Upper
 184 100
 63 120.6 357.0 535.4#
 154 1050.1 2660.2 3990



#54
 Dibenzofuran
 Concen: 41.83 ng
 RT: 10.65 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

Tgt Ion:168 Resp: 391602
 Ion Ratio Lower Upper
 168 100
 139 33.6 32.2 48.2
 169 13.4 11.0 16.6





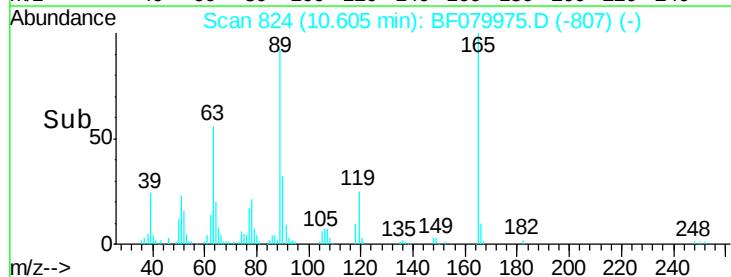
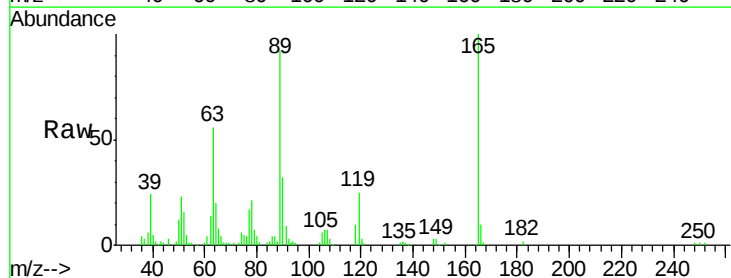
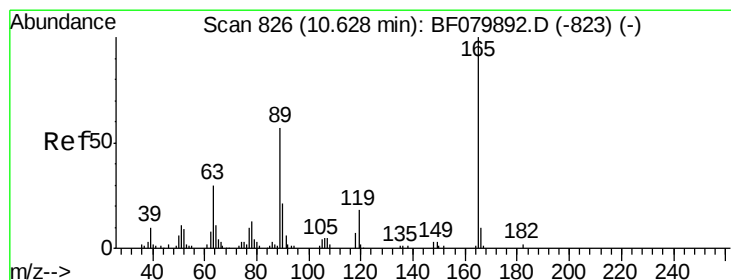
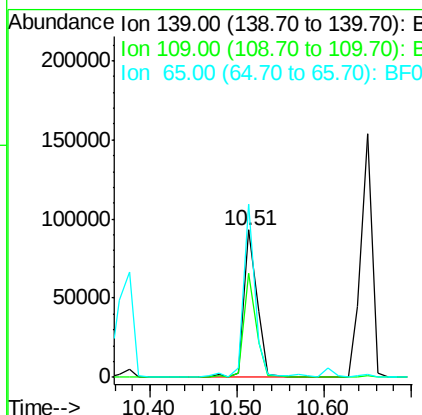
#55
4-Nitrophenol
Concen: 80.12 ng
RT: 10.51 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	99316		
109	70.6	54.8	94.8	
65	117.3	104.8	144.8	

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

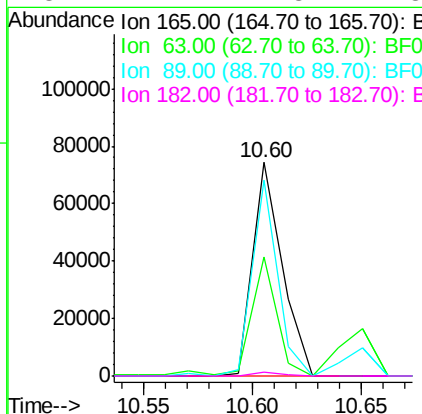
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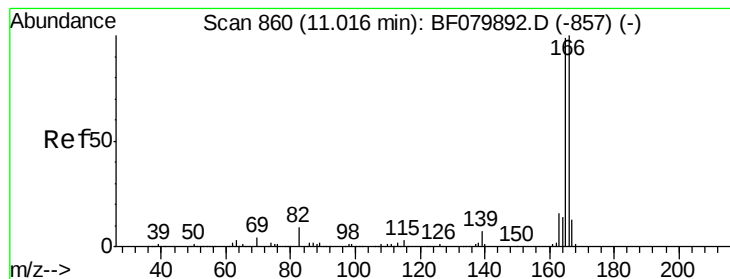
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#56
2,4-Dinitrotoluene
Concen: 38.31 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	70016		
63	55.7	24.3	36.5#	
89	91.8	45.4	68.2#	
182	2.1	1.8	2.8	





#57

Fluorene

Concen: 37.75 ng

RT: 10.99 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

ClientSampleId :

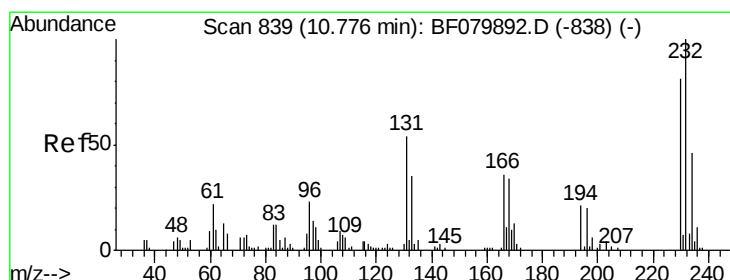
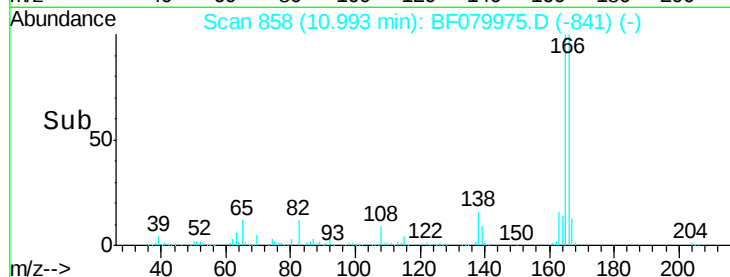
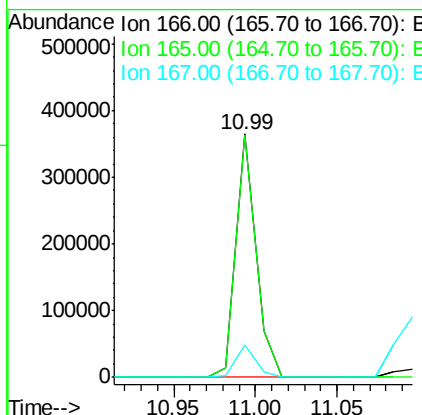
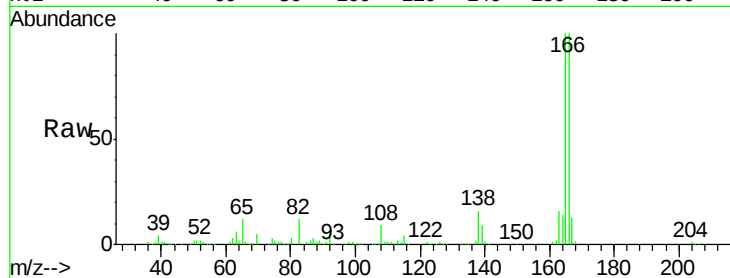
VALHALLA-W1-9.5-10MS

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.6
167	13.4	10.3	15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.07 ng

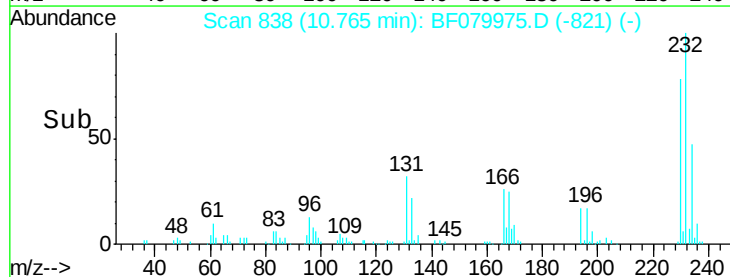
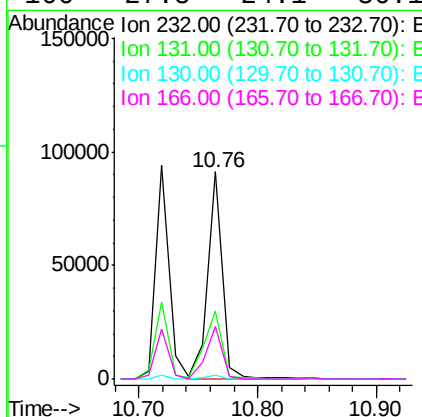
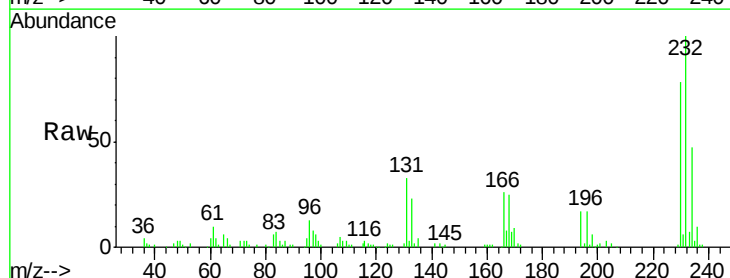
RT: 10.76 min Scan# 838

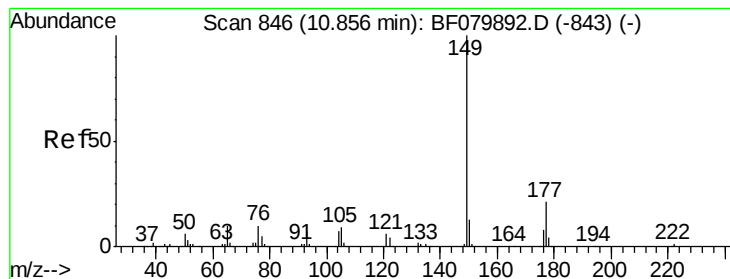
Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.4	35.4	53.2
130	1.9	1.5	2.3
166	27.5	24.1	36.1





#59

Diethylphthalate

Concen: 39.53 ng

RT: 10.84 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF079975.D

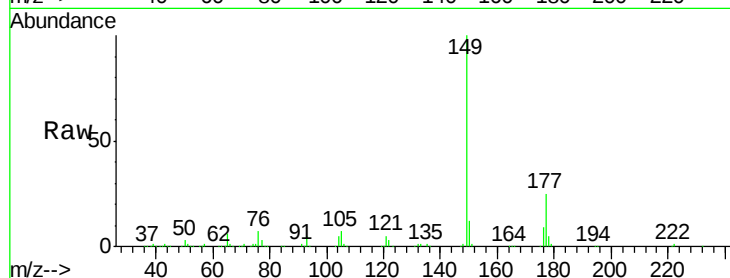
Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MS



Tgt Ion:149 Resp: 306937

Ion Ratio Lower Upper

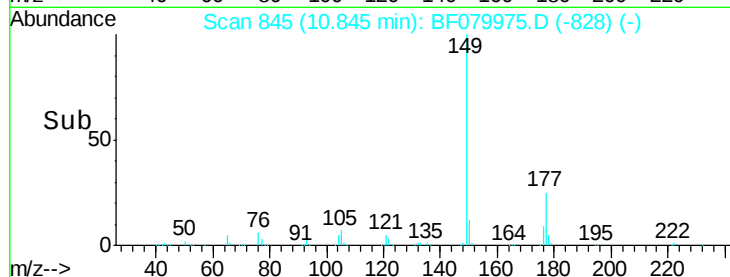
149 100

177 24.8 16.9 25.3

150 12.2 10.4 15.6

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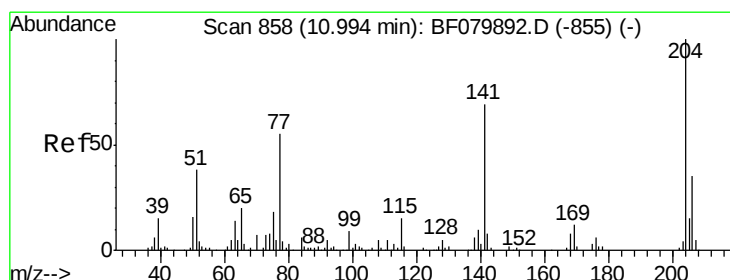
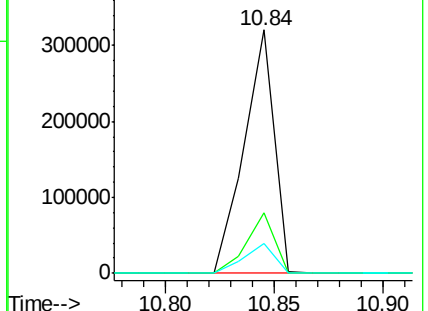
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.99 ng

RT: 10.98 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

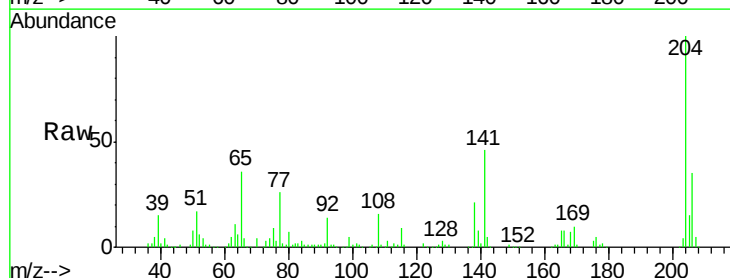
Tgt Ion:204 Resp: 145727

Ion Ratio Lower Upper

204 100

206 35.1 28.0 42.0

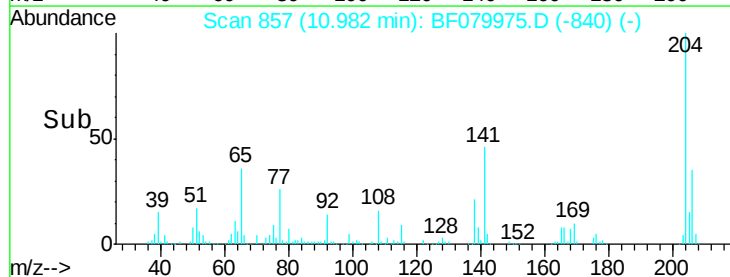
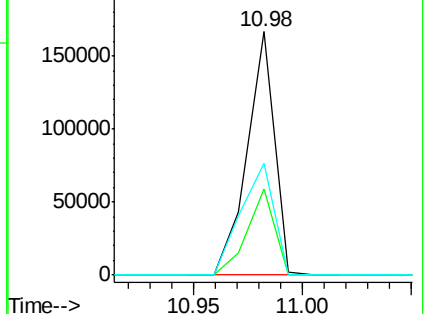
141 46.0 55.3 82.9#

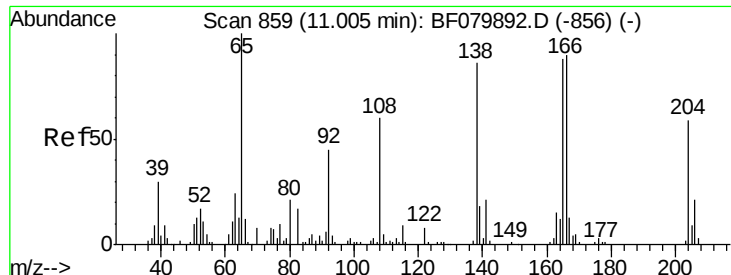


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





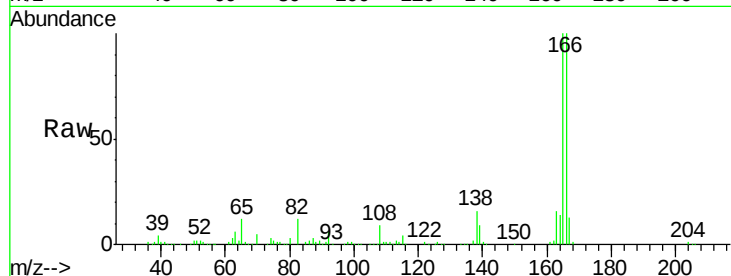
#61
4-Nitroaniline
Concen: 36.36 ng
RT: 10.99 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	64323		
92	37.6	32.9	72.9	
108	57.3	50.4	90.4	

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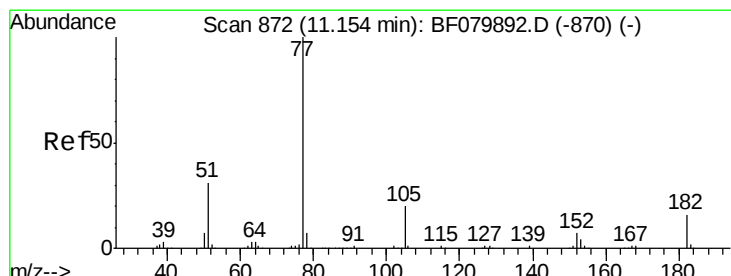
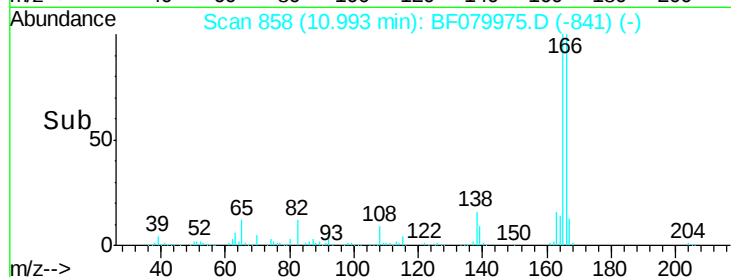
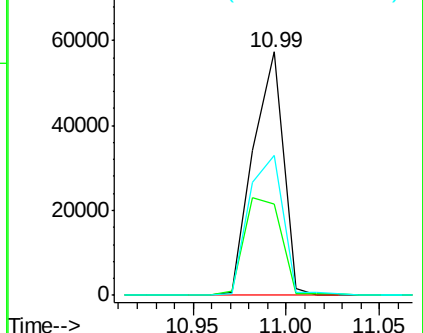


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 39.37 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	294148		
182	31.1	0.0	35.9	
105	24.0	0.1	40.1	
51	25.8	11.5	51.5	

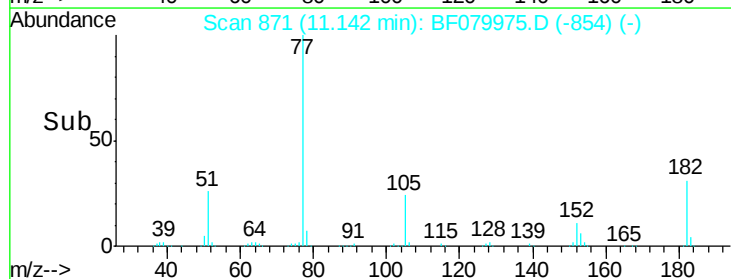
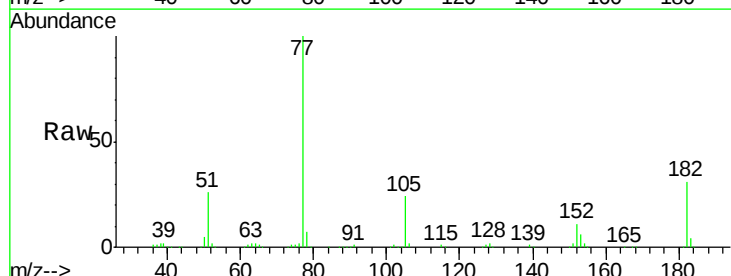
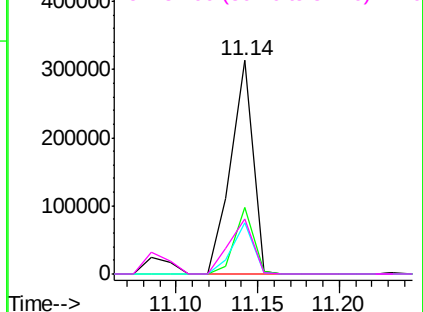
Abundance

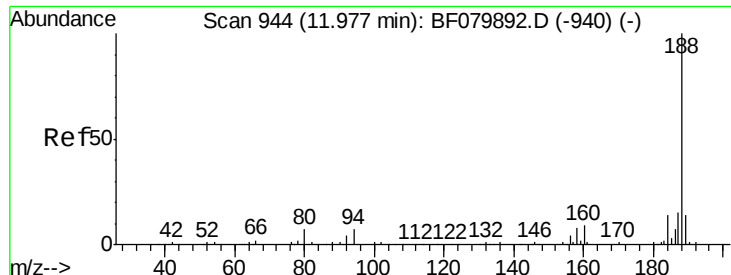
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





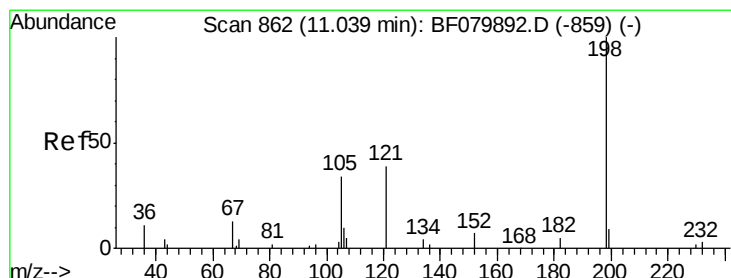
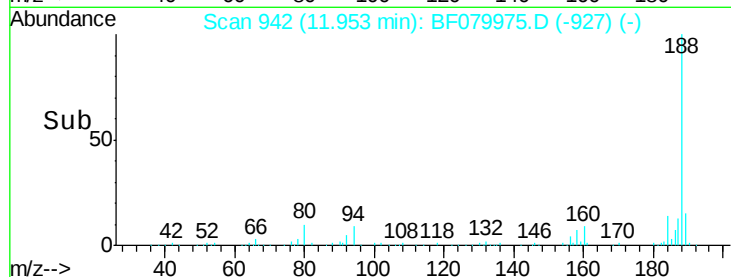
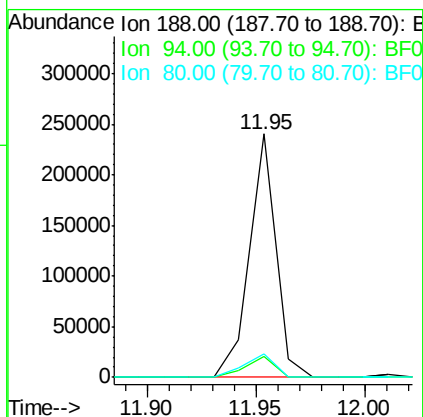
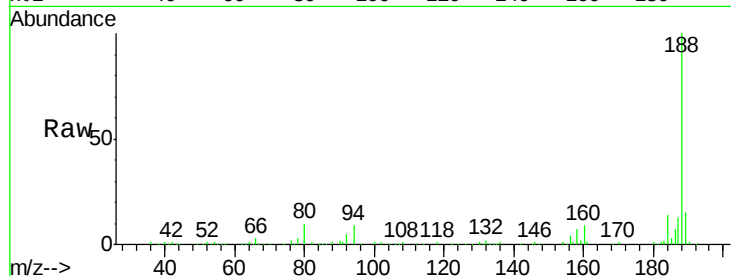
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.7	5.8	8.8
80	9.7	5.9	8.9

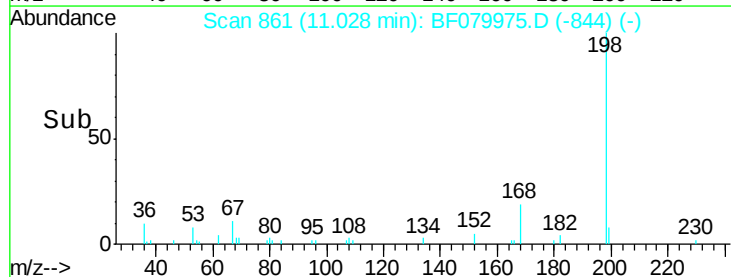
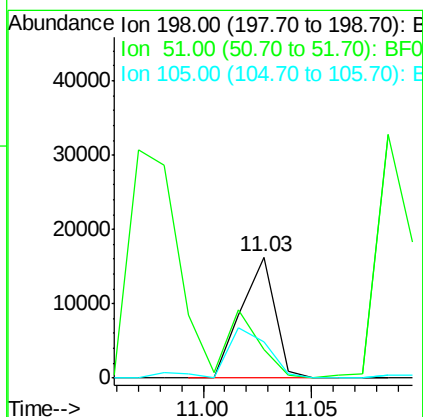
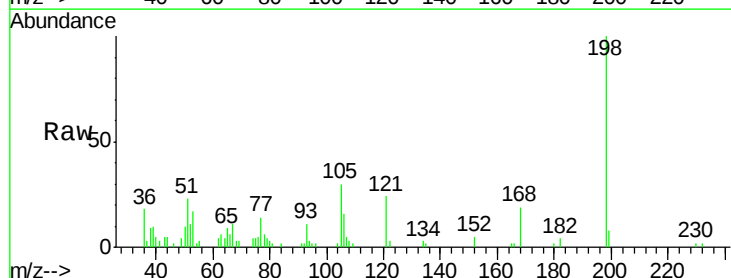
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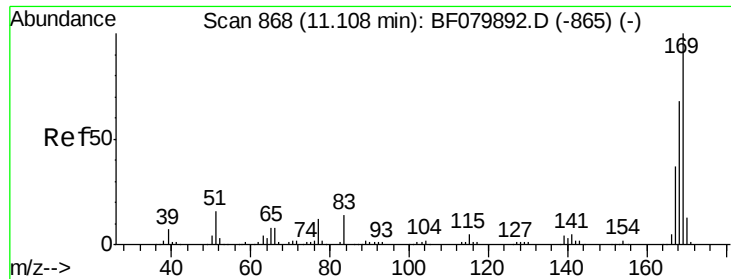
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.56 ng
RT: 11.03 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	23.5	22.1	62.1
105	30.4	22.7	62.7





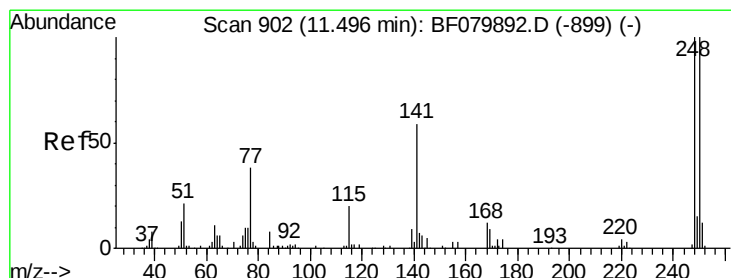
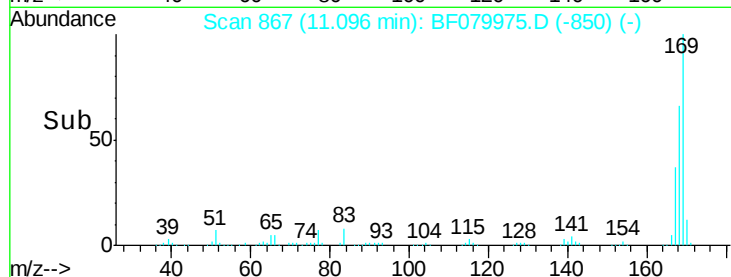
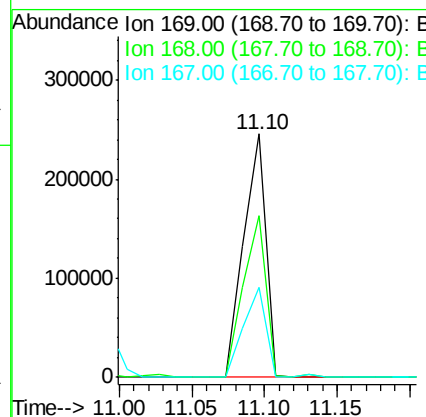
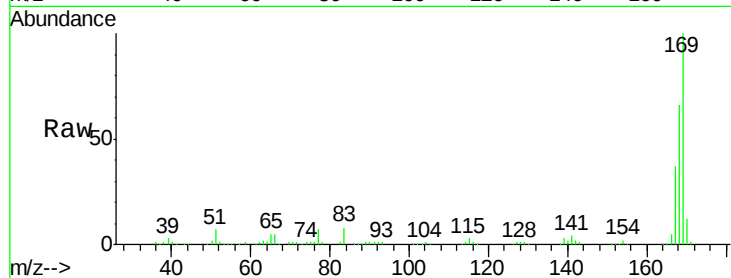
#65
 n-Nitrosodiphenylamine
 Concen: 40.09 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	262115		
168	66.4	54.2	81.4	
167	36.9	29.7	44.5	

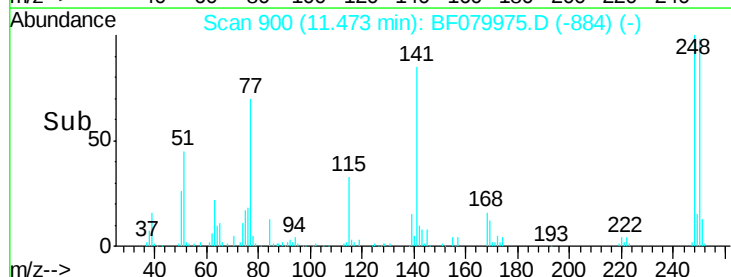
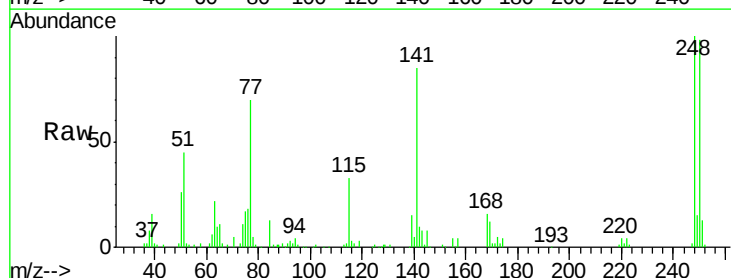
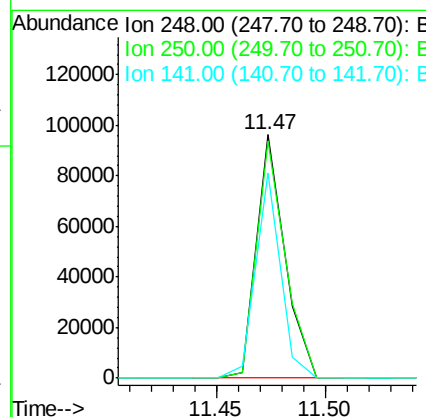
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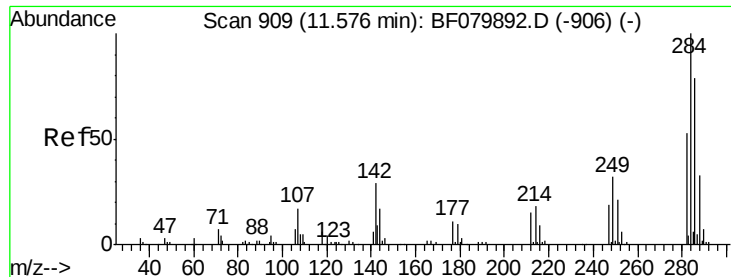
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#66
 4-Bromophenyl-phenylether
 Concen: 38.43 ng
 RT: 11.47 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	87215		
250	97.7	80.2	120.2	
141	84.5	46.9	70.3	





#67

Hexachlorobenzene

Concen: 38.01 ng

RT: 11.55 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF079975.D

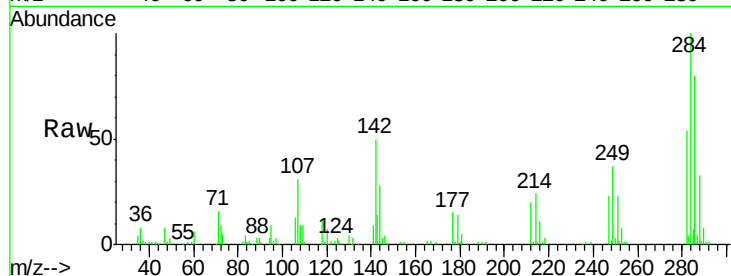
Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MS



Tgt Ion: 284 Resp: 94112

Ion Ratio Lower Upper

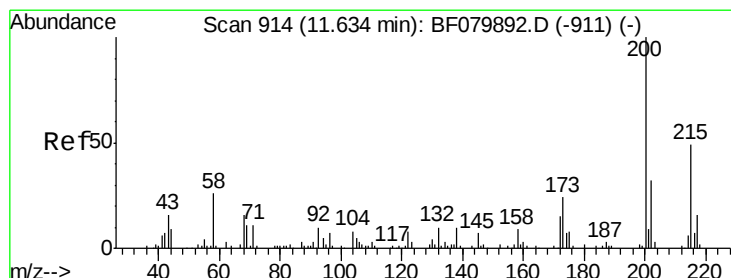
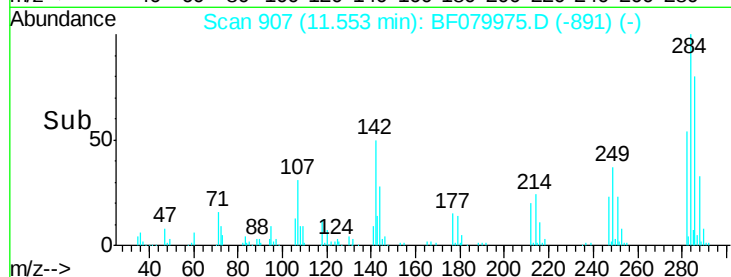
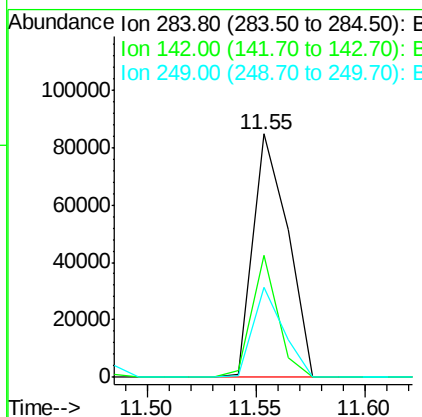
284 100

142 49.9 23.5 35.3#

249 37.0 25.3 37.9

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#68

Atrazine

Concen: 43.13 ng

RT: 11.61 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

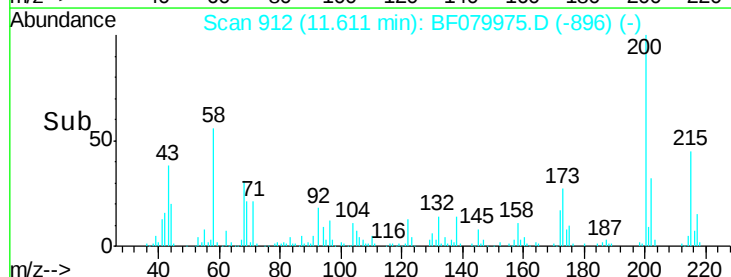
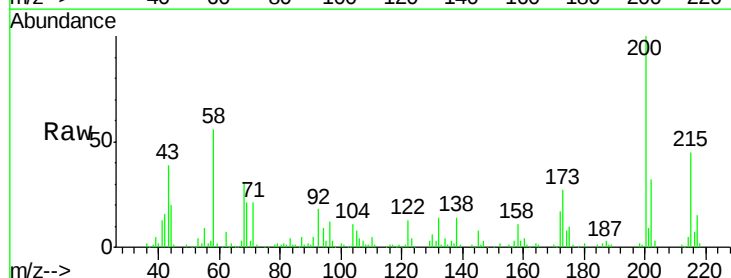
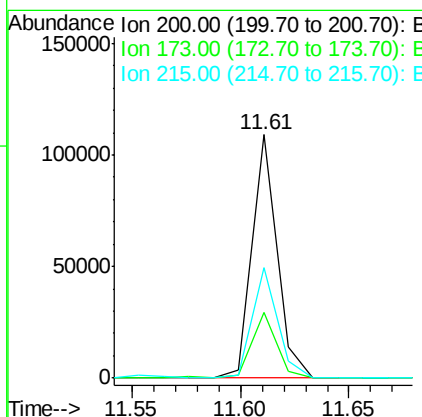
Tgt Ion: 200 Resp: 86803

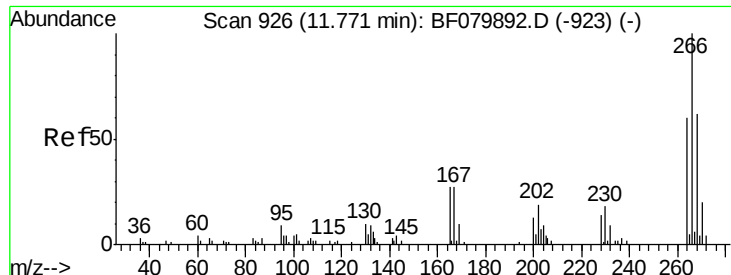
Ion Ratio Lower Upper

200 100

173 27.2 4.1 44.1

215 45.4 29.2 69.2





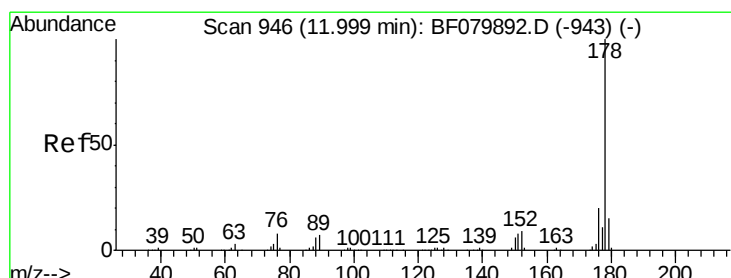
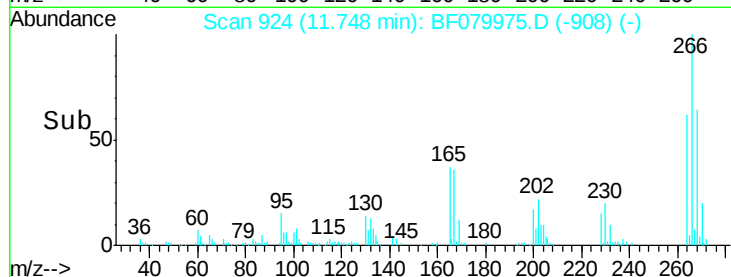
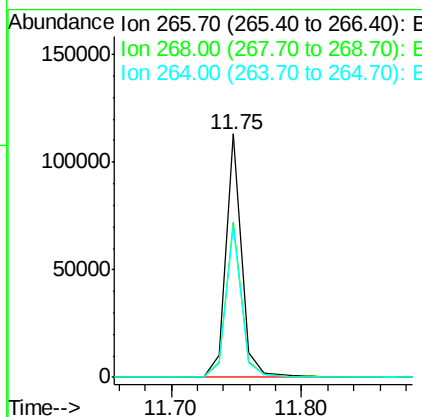
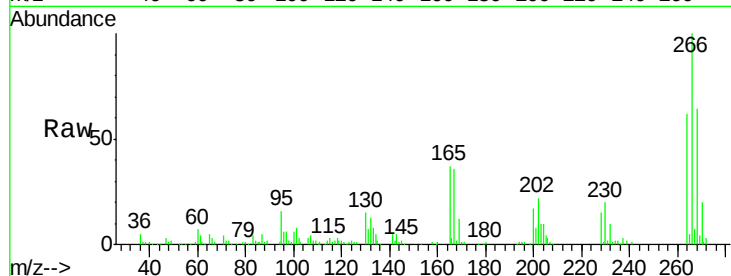
#69
 Pentachlorophenol
 Concen: 82.77 ng
 RT: 11.75 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	96428		
268	63.6	49.4	74.2	
264	62.1	47.7	71.5	

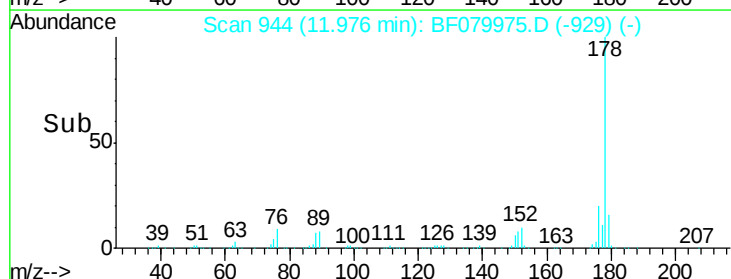
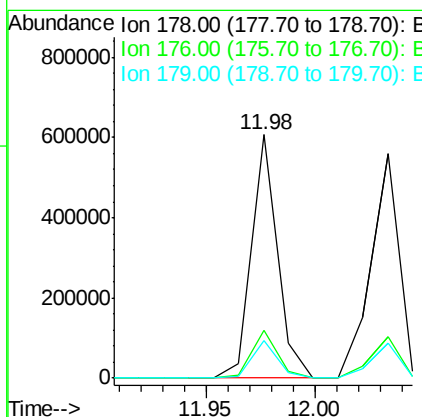
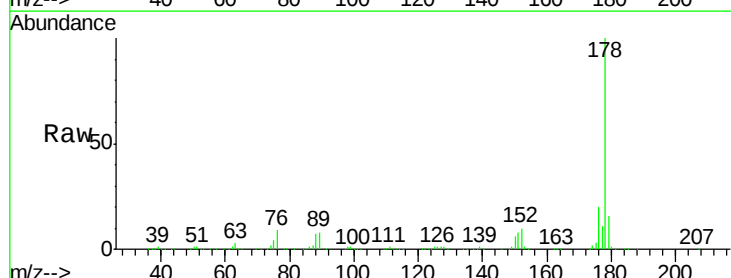
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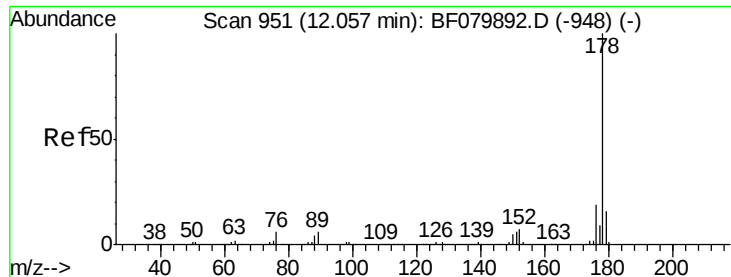
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#70
 Phenanthrene
 Concen: 41.73 ng
 RT: 11.98 min Scan# 944
 Delta R.T. -0.02 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	503745		
176	19.6	15.9	23.9	
179	15.6	12.3	18.5	





#71

Anthracene

Concen: 43.09 ng

RT: 12.03 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

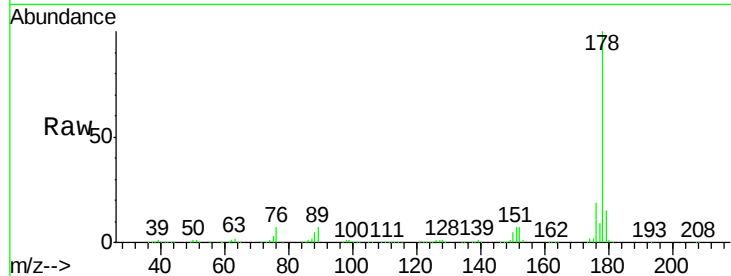
ClientSampleId :

VALHALLA-W1-9.5-10MS

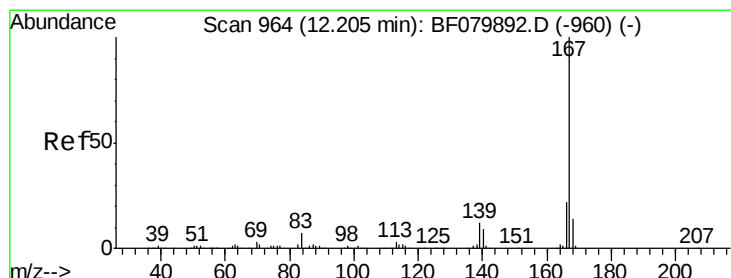
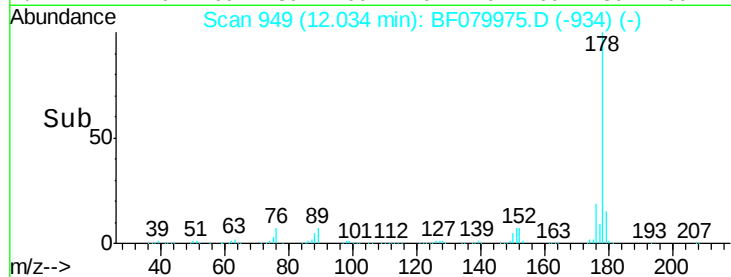
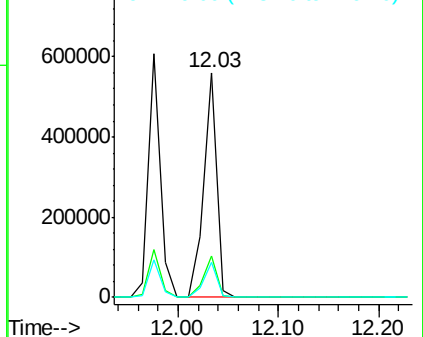
Tgt Ion:	178	Resp:	503346
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.2	22.8
179	15.4	12.5	18.7

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



#72

Carbazole

Concen: 40.61 ng

RT: 12.18 min Scan# 962

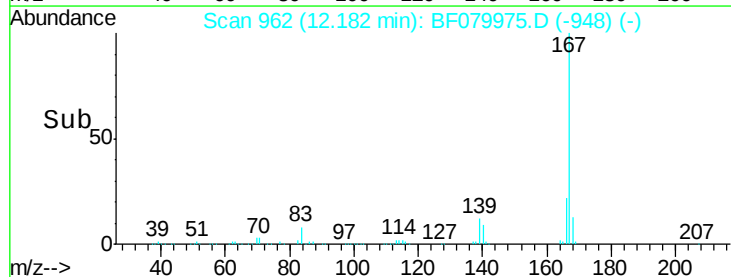
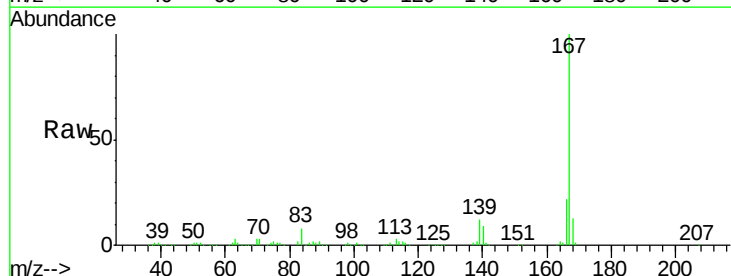
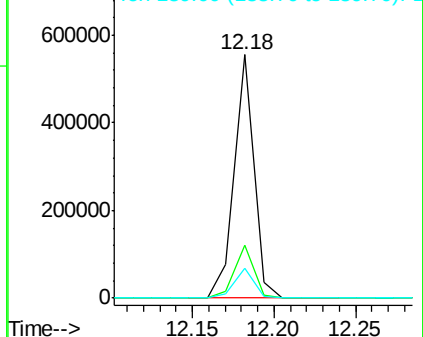
Delta R.T. -0.03 min

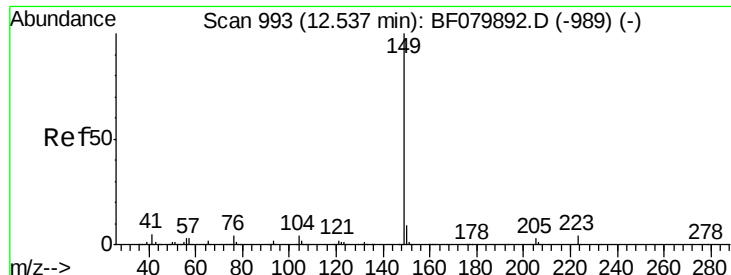
Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion:	167	Resp:	460023
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.4	26.2
139	12.4	9.5	14.3

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.72 ng

RT: 12.51 min Scan# 991

Delta R.T. -0.05 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

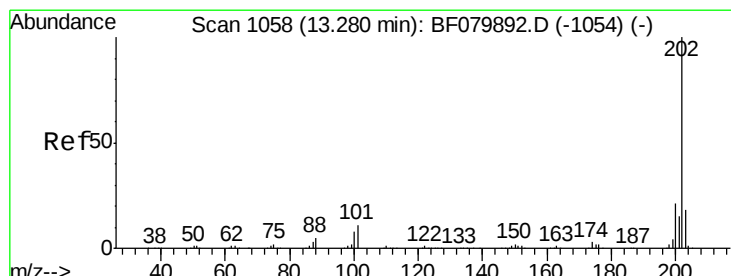
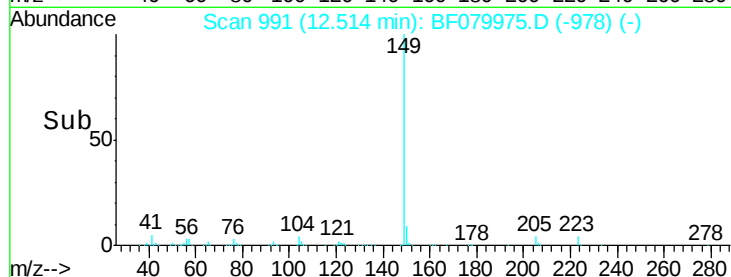
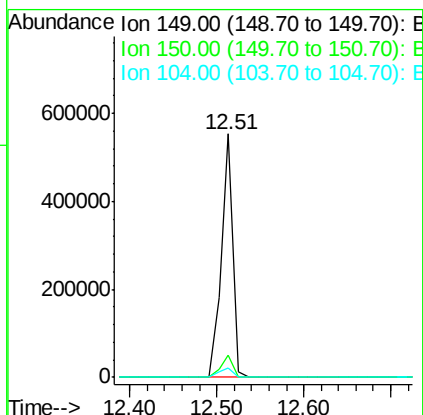
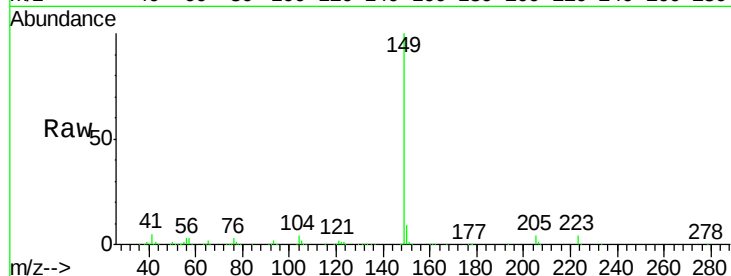
ClientSampleId :

VALHALLA-W1-9.5-10MS

Tgt Ion:	149	Resp:	514947
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.2	10.8
104	3.9	3.3	4.9

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#74

Fluoranthene

Concen: 41.79 ng

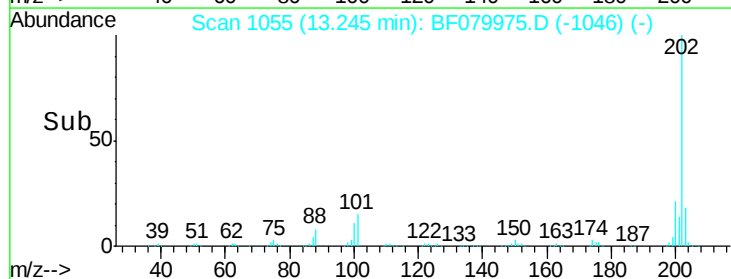
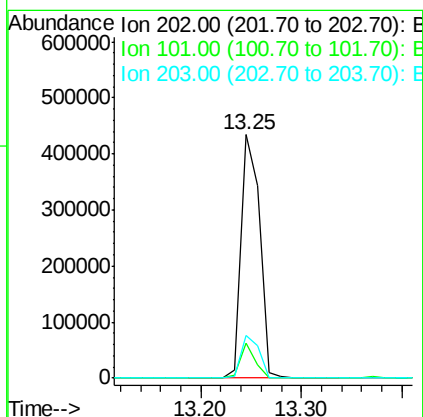
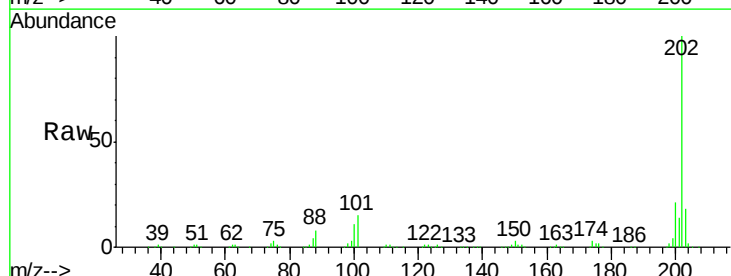
RT: 13.25 min Scan# 1055

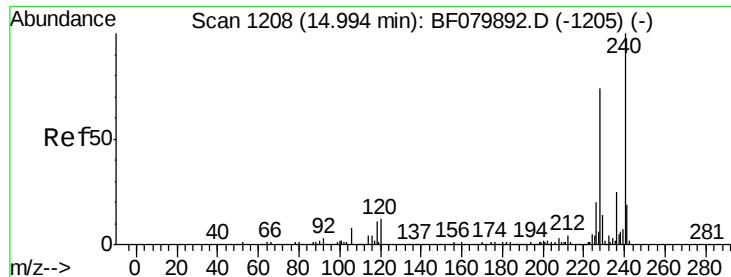
Delta R.T. -0.09 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion:	202	Resp:	557646
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	30.7
203	17.6	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng m

RT: 14.95 min Scan# 1204

Delta R.T. -0.19 min

Lab File: BF079975.D

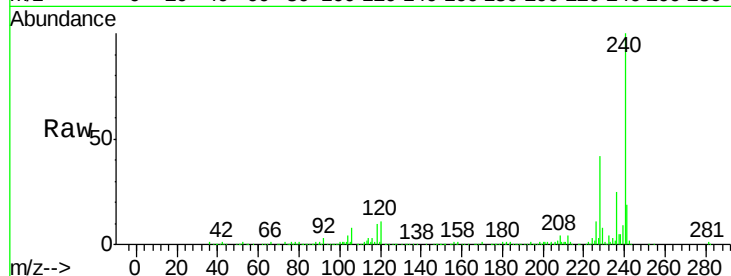
Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

ClientSampleId :

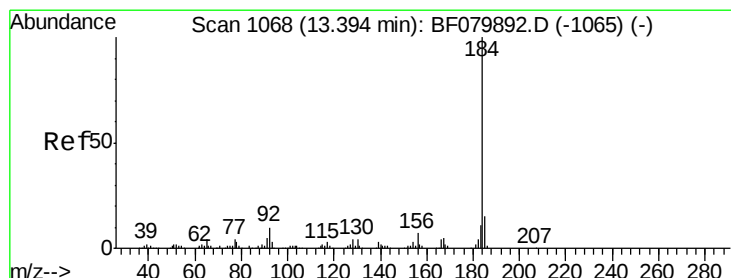
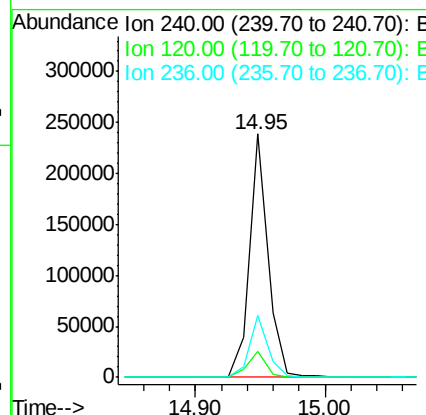
VALHALLA-W1-9.5-10MS



Tgt Ion	Ratio	Resp	Lower	Upper
240	100	240826		
120	10.8	9.4	14.2	
236	25.3	19.6	29.4	

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#76

Benzidine

Concen: 65.73 ng

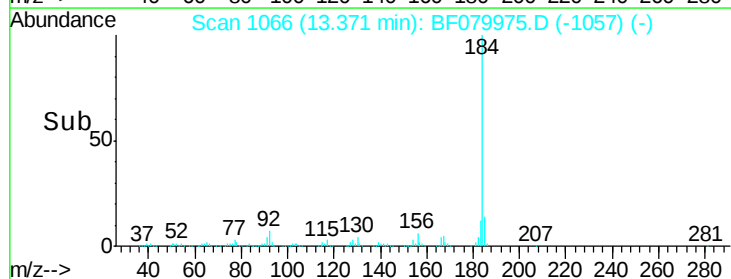
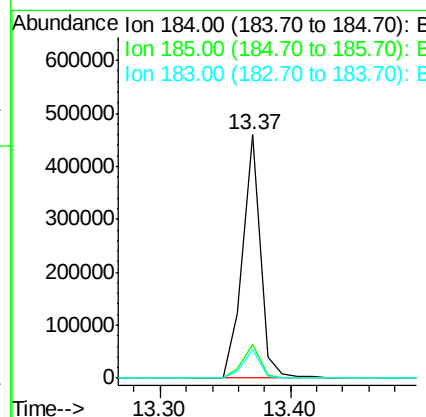
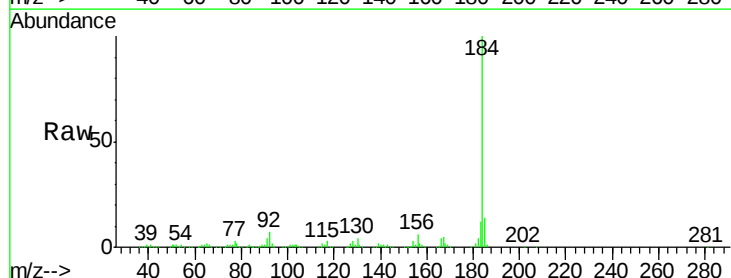
RT: 13.37 min Scan# 1066

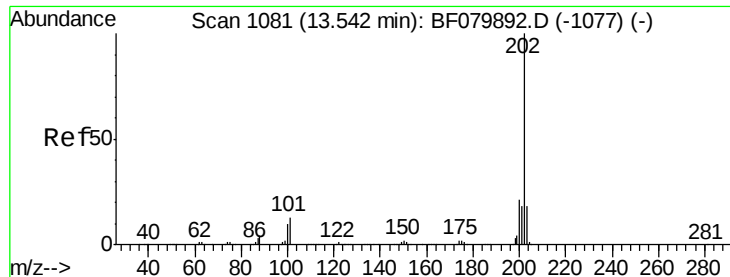
Delta R.T. -0.09 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	438337		
185	14.0	11.8	17.6	
183	11.8	9.0	13.6	





#77

Pyrene

Concen: 38.27 ng

RT: 13.51 min Scan# 1078

Delta R.T. -0.10 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

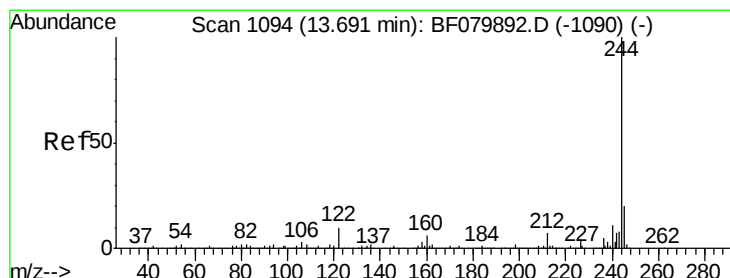
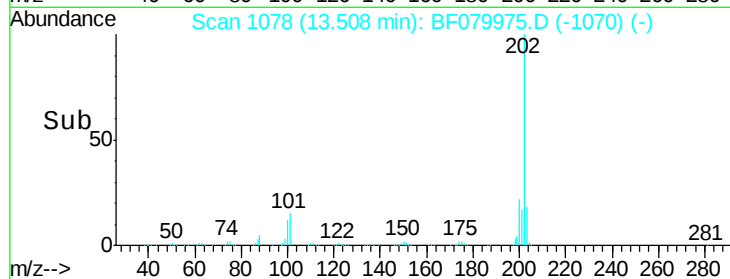
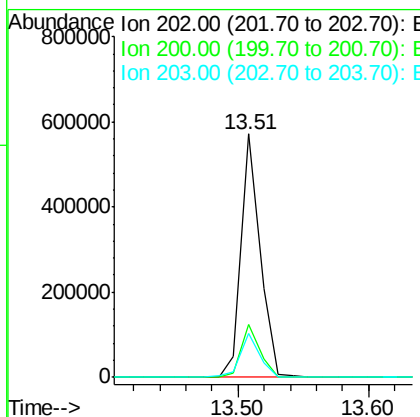
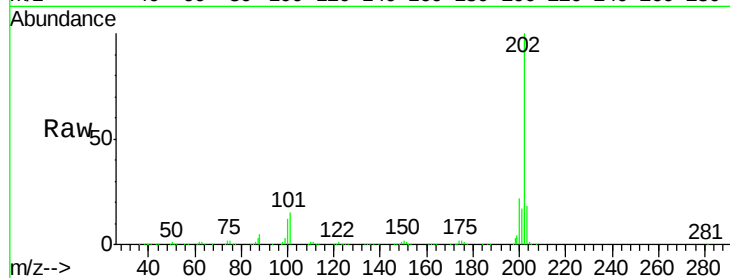
ClientSampleId :

VALHALLA-W1-9.5-10MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	578851		
200	21.9	16.8	25.2	
203	18.1	14.4	21.6	

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#78

Terphenyl-d14

Concen: 65.71 ng

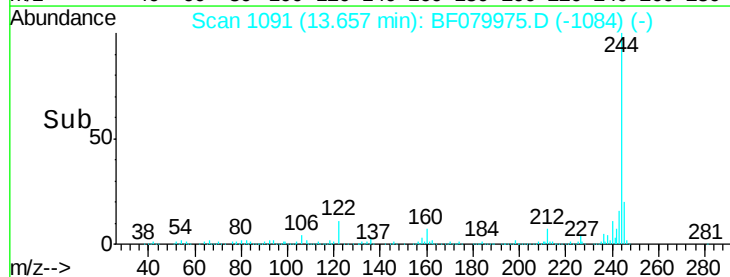
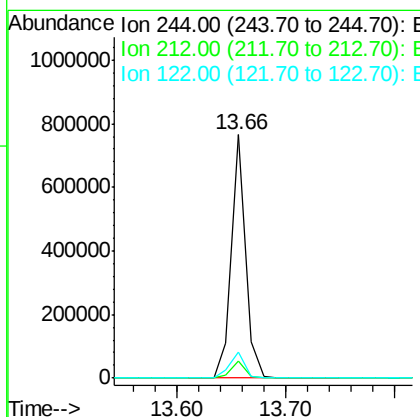
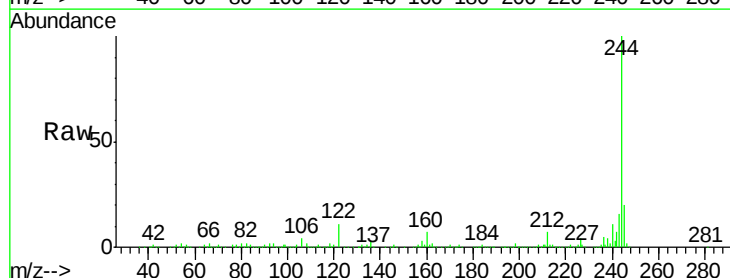
RT: 13.66 min Scan# 1091

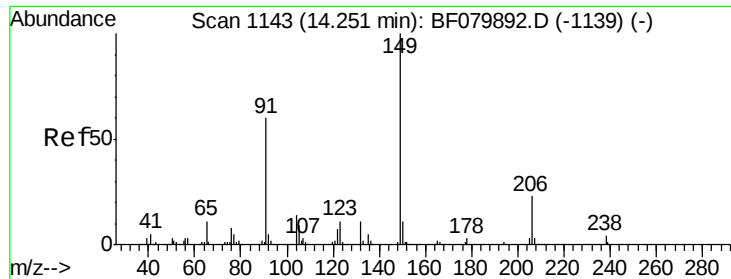
Delta R.T. -0.11 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	686430		
212	7.0	5.4	8.2	
122	10.8	7.8	11.8	





#79

Butylbenzylphthalate

Concen: 45.87 ng

RT: 14.21 min Scan# 1139

Delta R.T. -0.16 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

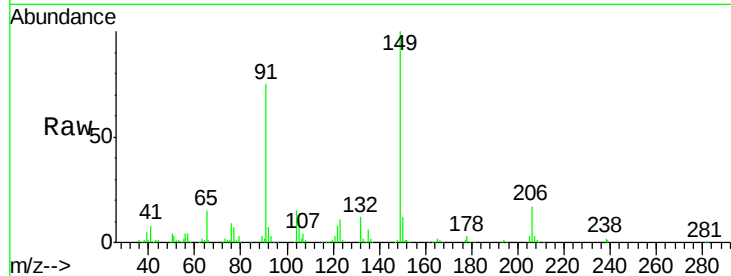
ClientSampleId :

VALHALLA-W1-9.5-10MS

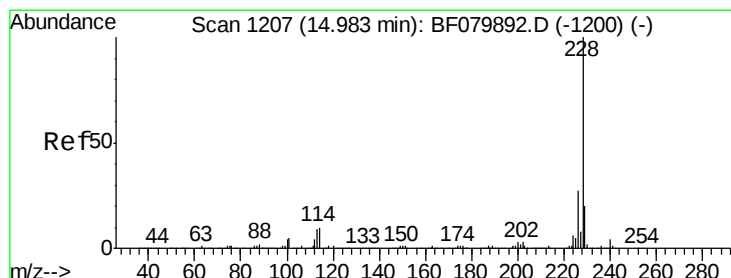
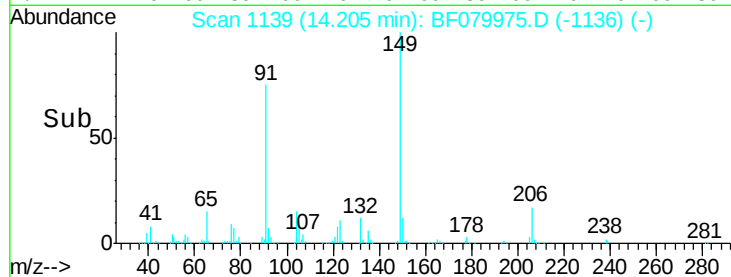
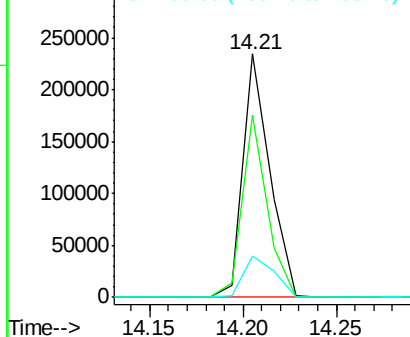
Tgt Ion:	149	Resp:	234294
Ion Ratio	Lower	Upper	
149	100		
91	74.9	48.1	72.1#
206	17.2	18.6	27.8#

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



#80

Benzo(a)anthracene

Concen: 38.74 ng

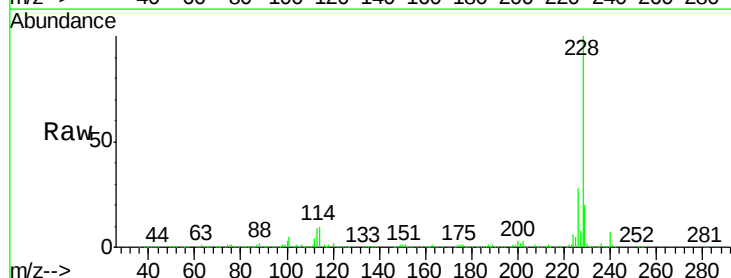
RT: 14.94 min Scan# 1203

Delta R.T. -0.18 min

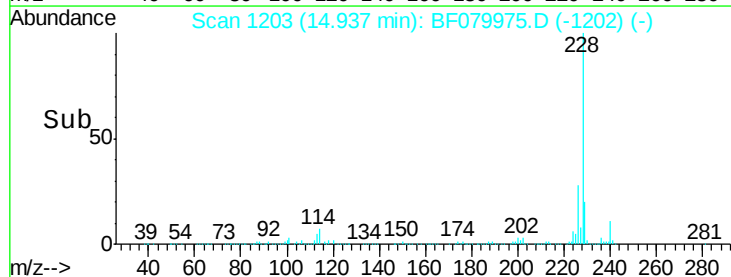
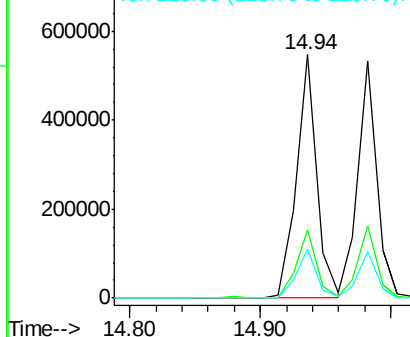
Lab File: BF079975.D

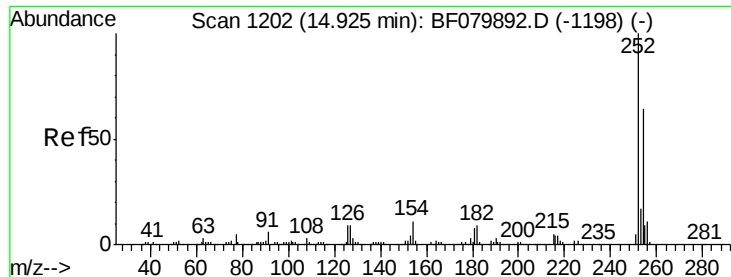
Acq: 13 Jun 2015 13:03

Tgt Ion:	228	Resp:	592459
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.8	32.8
229	20.0	15.9	23.9



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





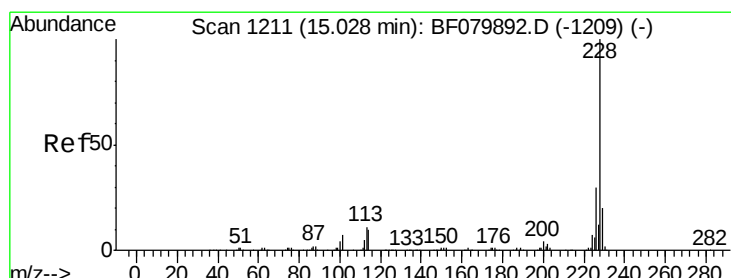
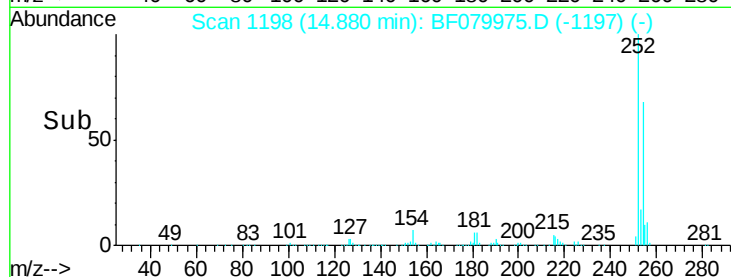
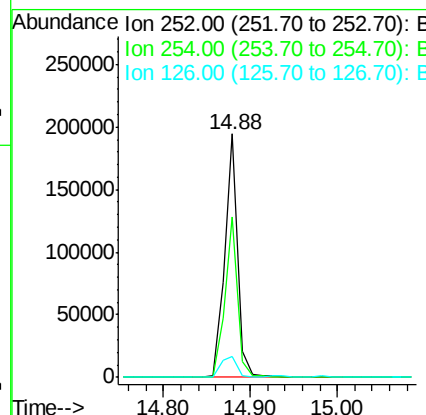
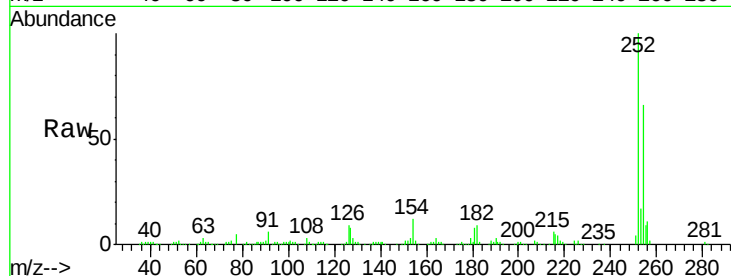
#81
 3,3'-Dichlorobenzidine
 Concen: 42.24 ng
 RT: 14.88 min Scan# 1198
 Delta R.T. -0.18 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.0	51.1	76.7
126	8.7	7.3	10.9

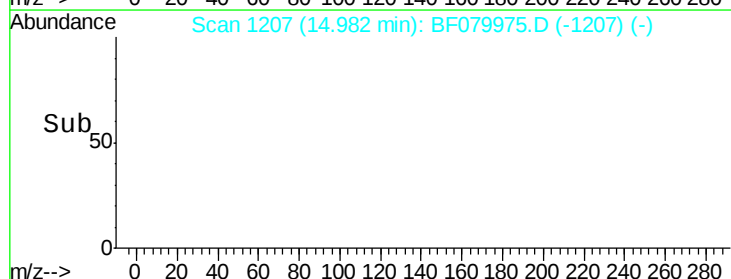
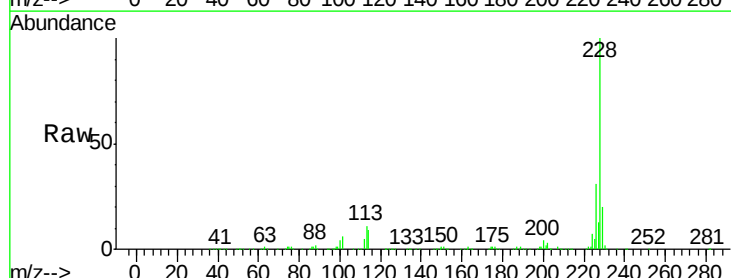
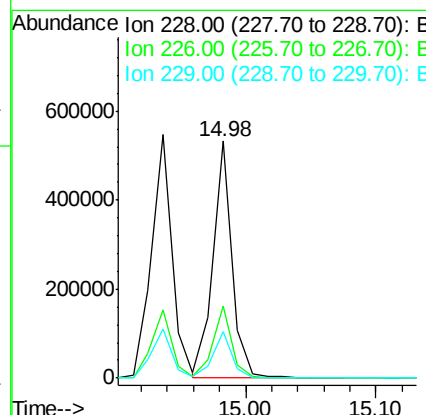
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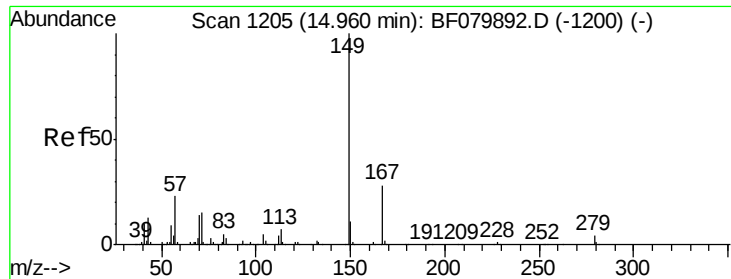
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#82
 Chrysene
 Concen: 39.83 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. -0.19 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	23.9	35.9
229	19.7	16.1	24.1





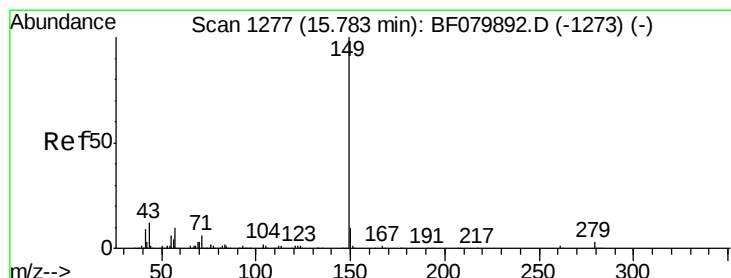
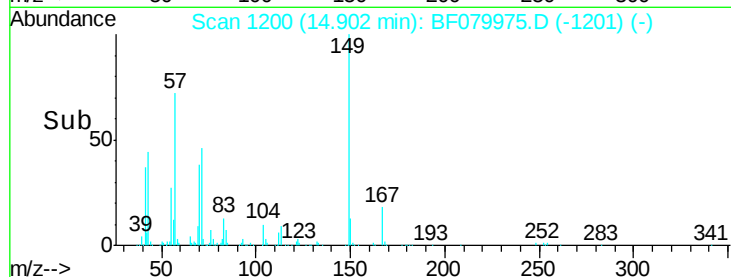
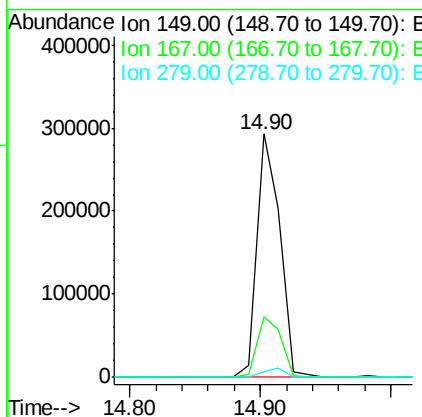
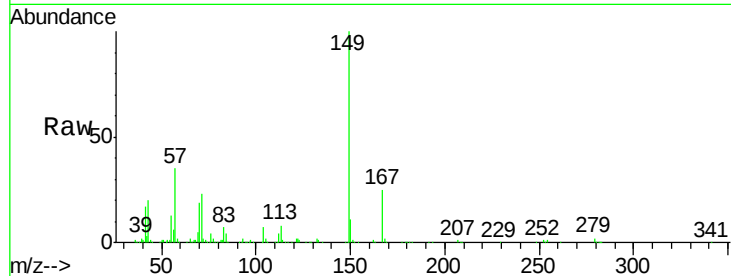
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.88 ng
 RT: 14.90 min Scan# 1200
 Delta R.T. -0.21 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	24.9	22.2	33.4
279	2.2	3.1	4.7#

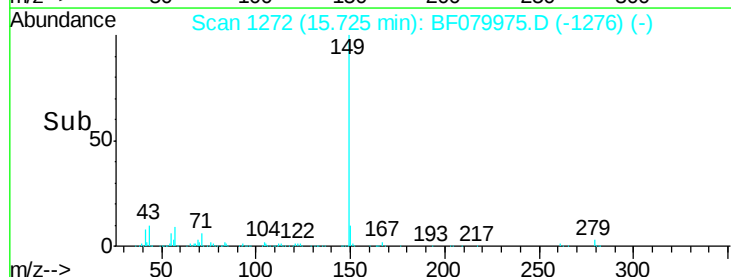
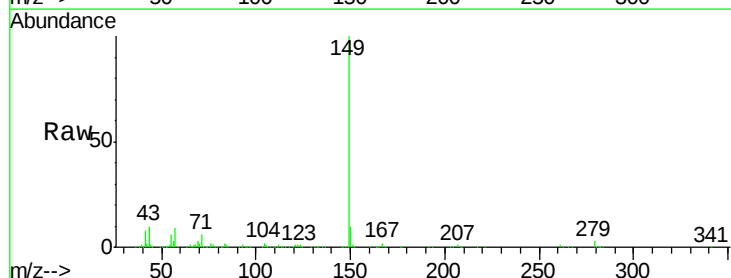
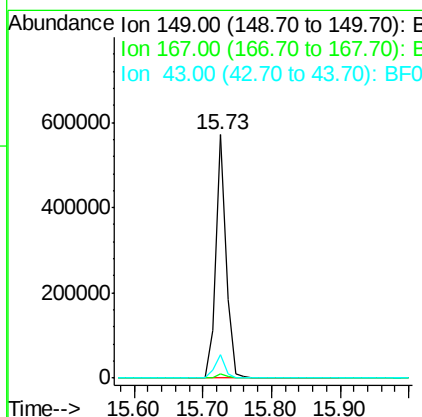
Manual Integrations
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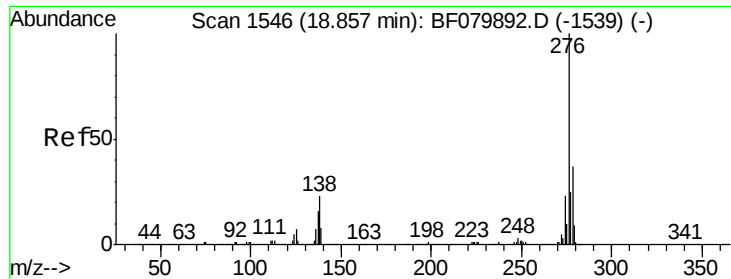
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#84
 Di-n-octyl phthalate
 Concen: 45.85 ng
 RT: 15.73 min Scan# 1272
 Delta R.T. -0.24 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.1	1.7
43	10.0	8.8	13.2





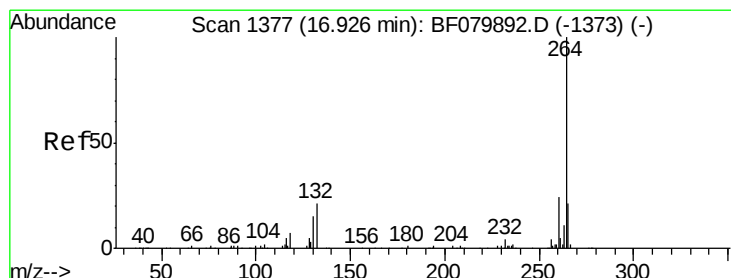
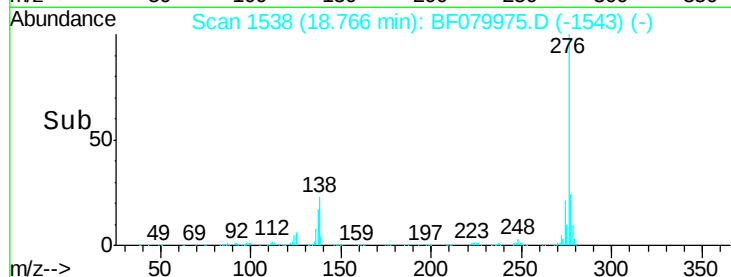
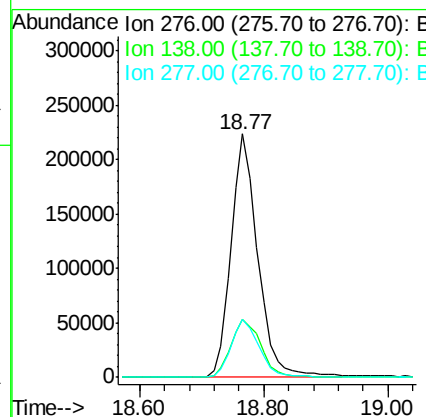
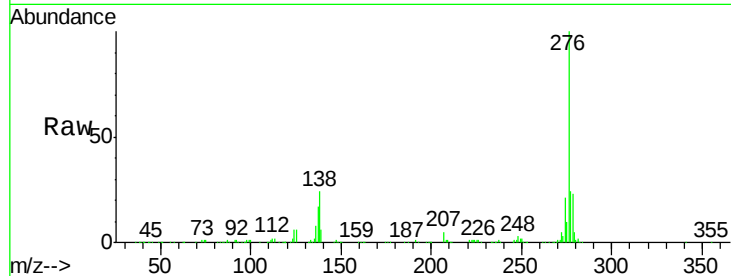
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.87 ng
 RT: 18.77 min Scan# 1538
 Delta R.T. -0.25 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.0	31.4
277	25.1	19.9	29.9

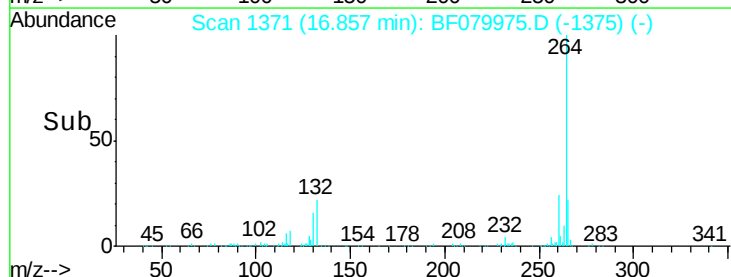
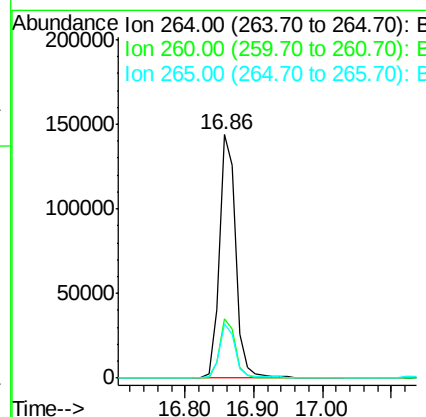
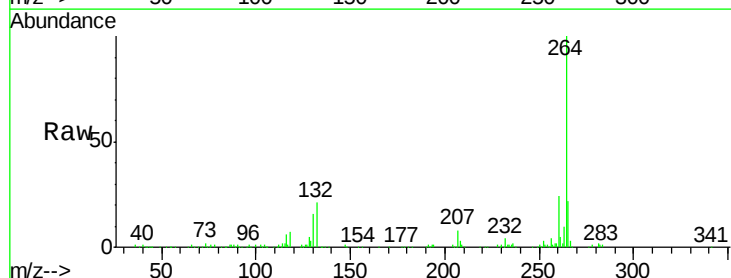
Manual Integrations
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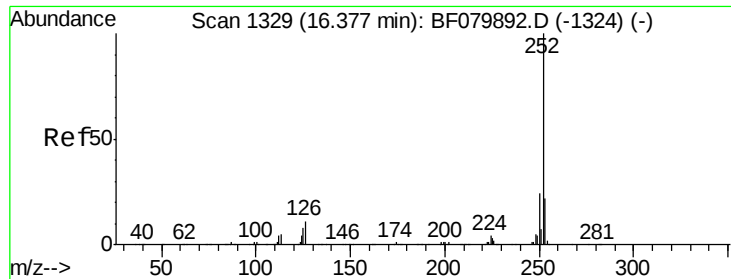
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.86 min Scan# 1371
 Delta R.T. -0.24 min
 Lab File: BF079975.D
 Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	22.2	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 42.73 ng

RT: 16.31 min Scan# 1323

Delta R.T. -0.23 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

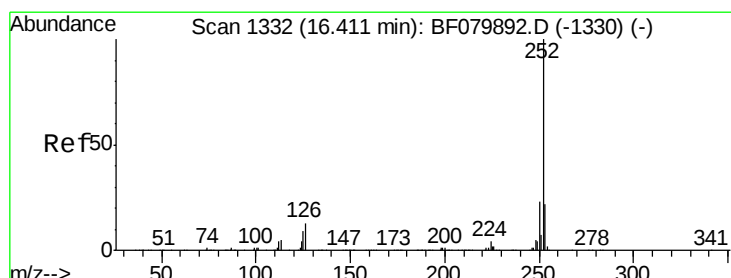
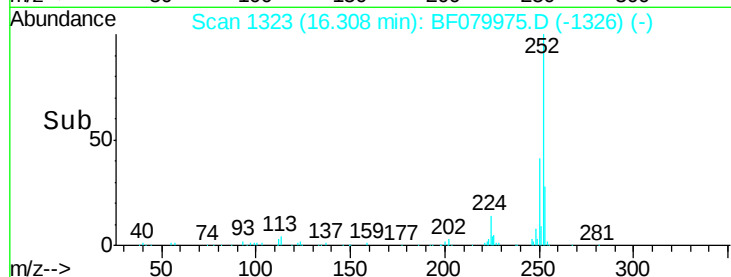
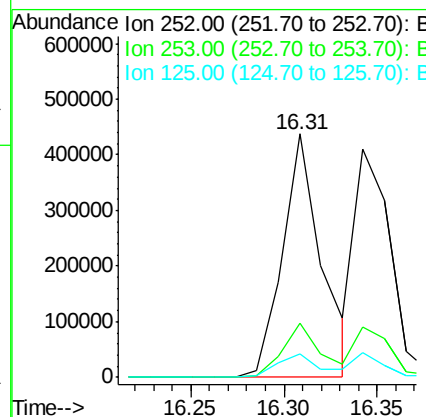
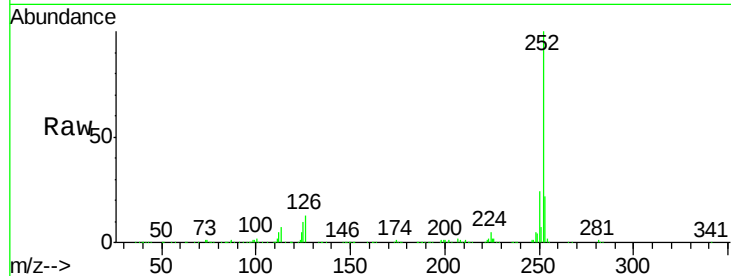
ClientSampleId :

VALHALLA-W1-9.5-10MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.8	6.5	9.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 36.57 ng

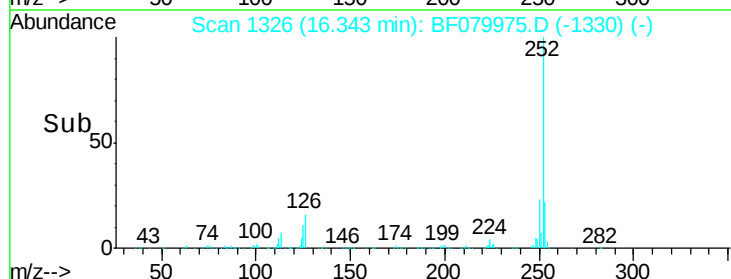
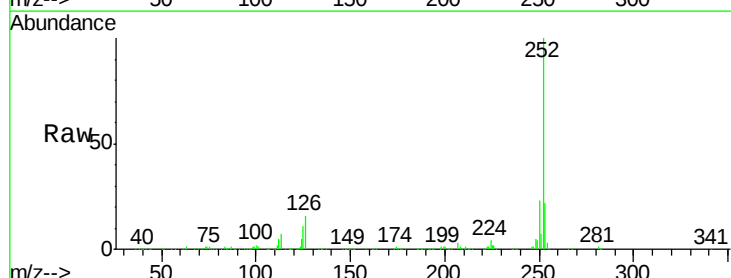
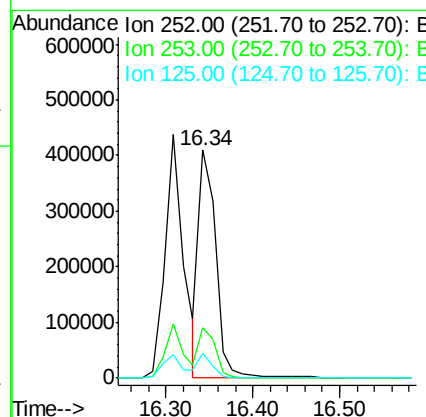
RT: 16.34 min Scan# 1326

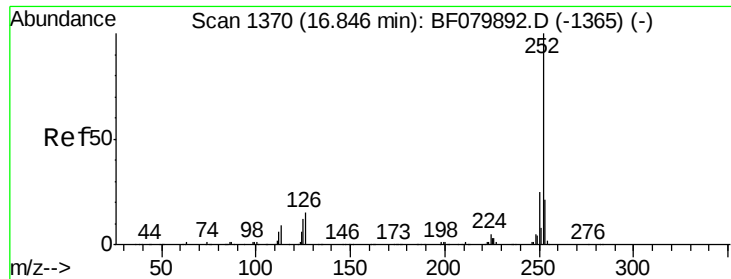
Delta R.T. -0.24 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.8	7.4	11.0





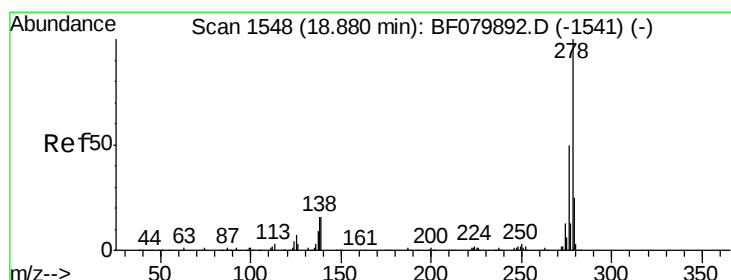
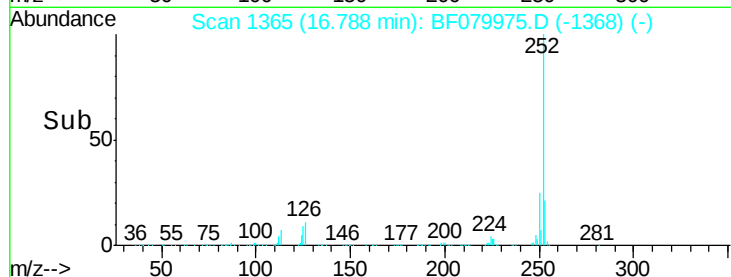
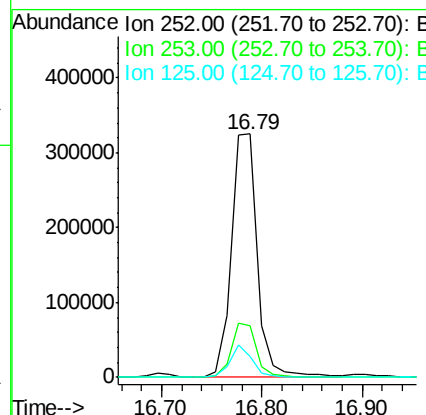
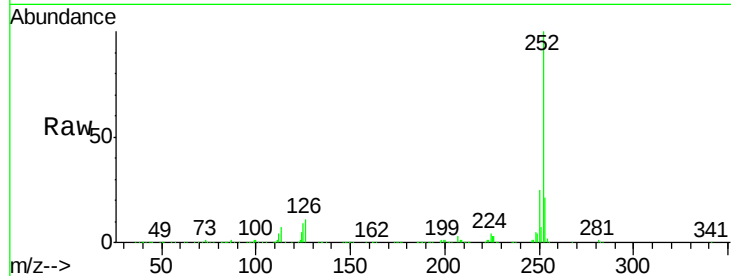
#89
Benzo(a)pyrene
Concen: 40.92 ng
RT: 16.79 min Scan# 1365
Delta R.T. -0.23 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	8.6	9.7	14.5

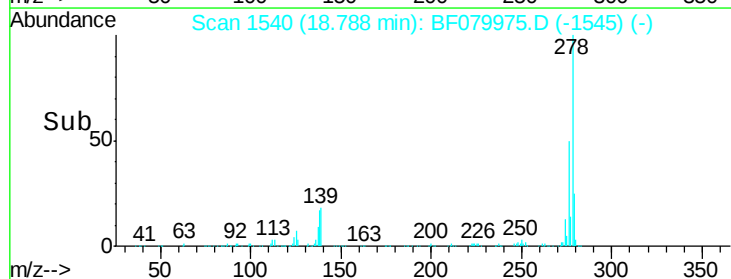
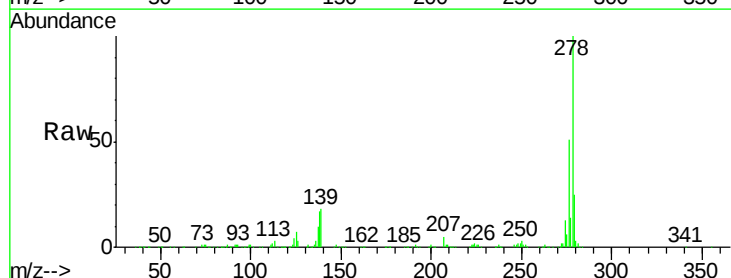
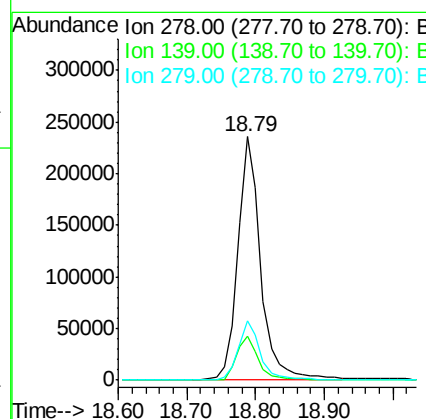
Manual Integrations
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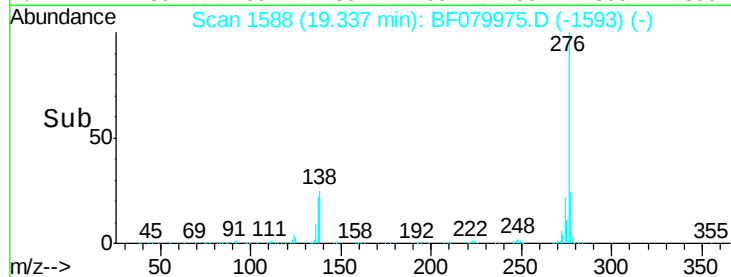
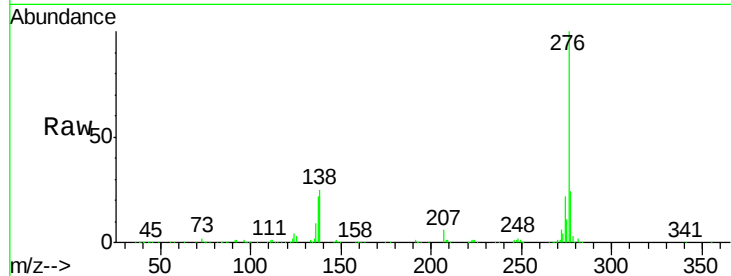
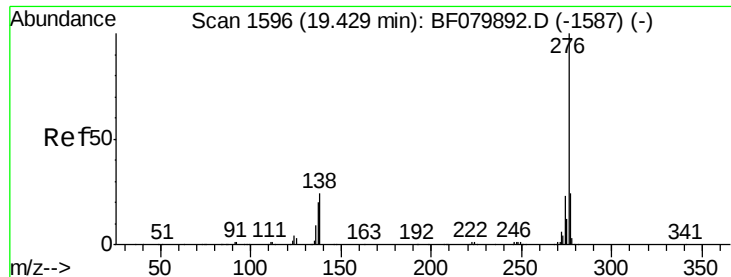
apatel
6/15/2015 1:01:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.55 ng
RT: 18.79 min Scan# 1540
Delta R.T. -0.25 min
Lab File: BF079975.D
Acq: 13 Jun 2015 13:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.8	19.2
279	24.6	19.7	29.5





#91

Benzo(g,h,i)perylene

Concen: 39.39 ng

RT: 19.34 min Scan# 1588

Delta R.T. -0.25 min

Lab File: BF079975.D

Acq: 13 Jun 2015 13:03

Instrument :

BNA_F

ClientSampleId :

VALHALLA-W1-9.5-10MS

Tgt Ion:	276	Resp:	568358
Ion Ratio		Lower	Upper
276	100		
277	24.0	19.4	29.2
138	24.7	19.1	28.7

Manual Integrations
APPROVED

apatel
6/15/2015 1:01:11 PM

