

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092547.D
 Acq On : 27 Jan 2017 1:32
 Operator : SJ/MA
 Sample : I1451-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-33

Quant Time: Jan 27 04:51:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

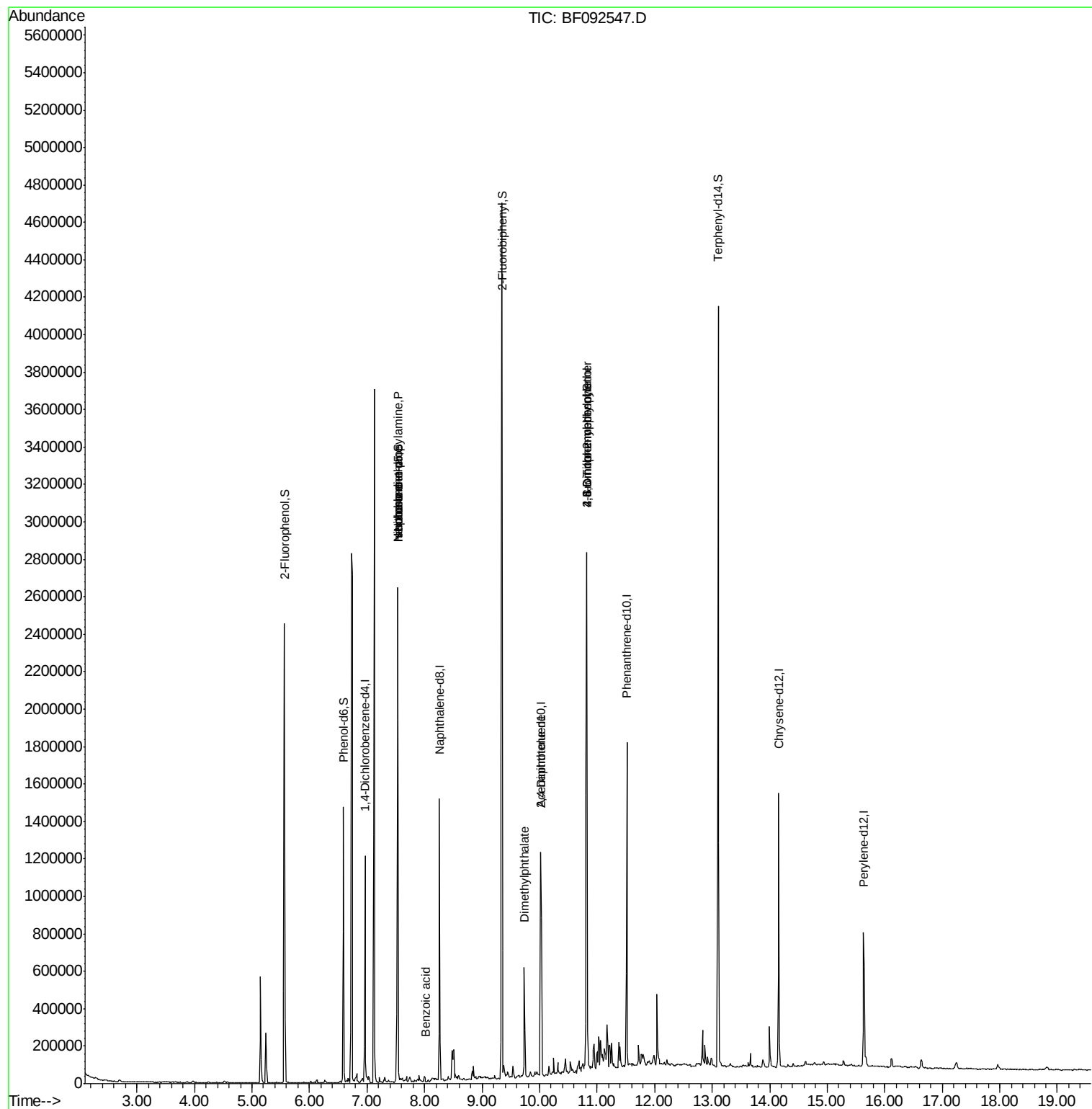
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166387	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	648342	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	358388	20.00	ng	-0.01
63) Phenanthrene-d10	11.52	188	644154	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	526565	20.00	ng	-0.01
86) Perylene-d12	15.63	264	370344	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	618572	57.84	ng	0.01
7) Phenol-d6	6.59	99	563147	41.34	ng	0.00
23) Nitrobenzene-d5	7.54	82	1139810	96.03	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	354917	145.32	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1676506	86.50	ng	-0.01
78) Terphenyl-d14	13.11	244	1464592	74.06	ng	-0.01
Target Compounds						Qvalue
18) Hexachloroethane	7.54	117	16306	3.54	ng	# 6
19) n-Nitroso-di-n-propylamine	7.54	70	154944	16.70	ng	# 78
25) Isophorone	7.54	82	1055354	45.12	ng	# 65
32) Benzoic acid	8.02	122	207	4.72	ng	# 24
49) Dimethylphthalate	9.73	163	271961	11.93	ng	# 99
56) 2,4-Dinitrotoluene	10.02	165	46101	7.46	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.82	198	937	5.19	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	27514	4.23	ng	# 1

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

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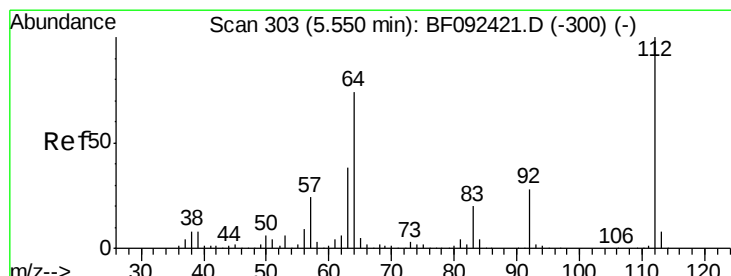
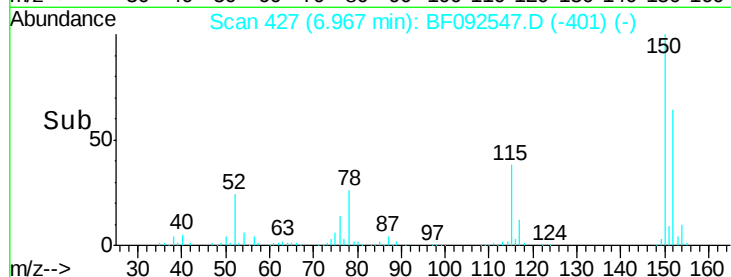
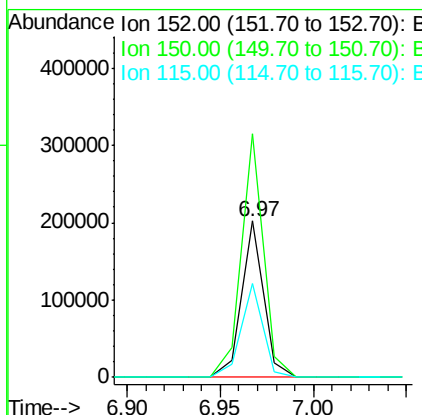
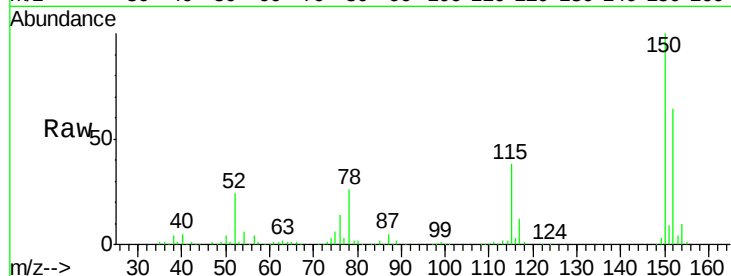




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF092547.D
 Acq: 27 Jan 2017 1:32

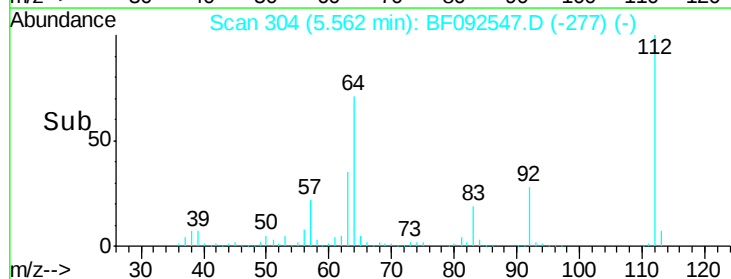
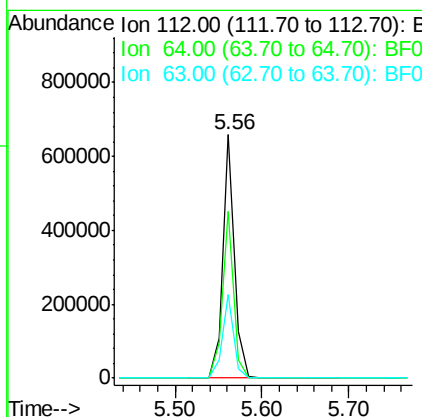
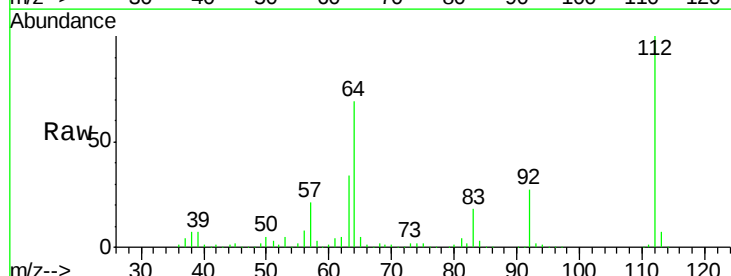
Instrument :
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 ClientSampleId :
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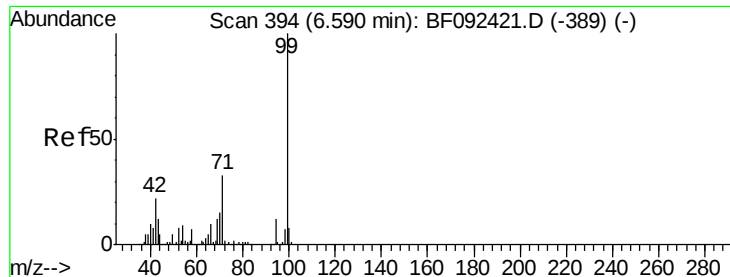
Tgt Ion:152 Resp: 166387
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.9 187.3
 115 59.7 46.0 69.0



#5
 2-Fluorophenol
 Concen: 57.84 ng
 RT: 5.56 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: BF092547.D
 Acq: 27 Jan 2017 1:32

Tgt Ion:112 Resp: 618572
 Ion Ratio Lower Upper
 112 100
 64 68.5 46.1 69.1
 63 34.2 23.8 35.6





#7

Phenol-d6

Concen: 41.34 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092547.D

Acq: 27 Jan 2017 1:32

Instrument :

BNA_F

ClientSampleId :

W-33

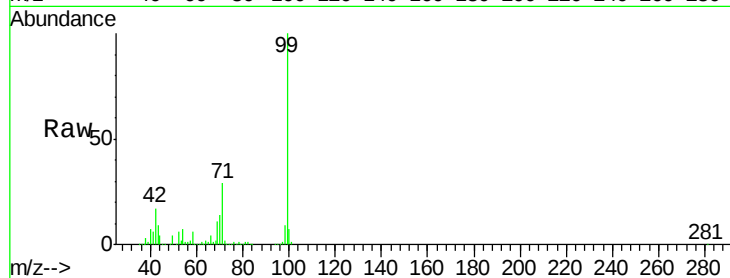
Tgt Ion: 99 Resp: 563147

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

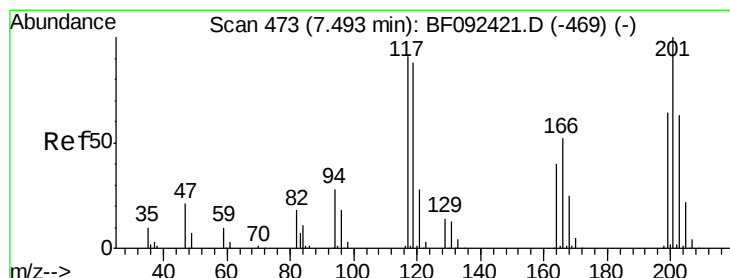
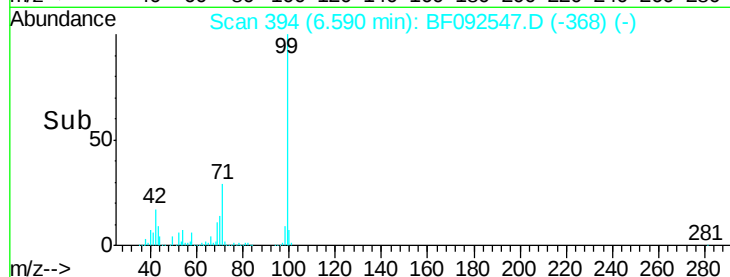
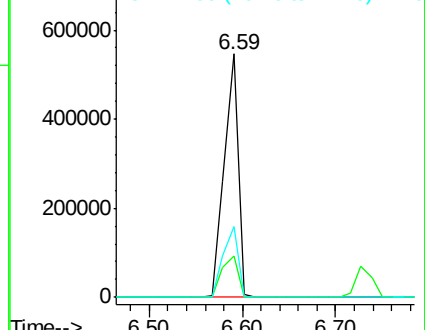
71 29.2 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#18

Hexachloroethane

Concen: 3.54 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.05 min

Lab File: BF092547.D

Acq: 27 Jan 2017 1:32

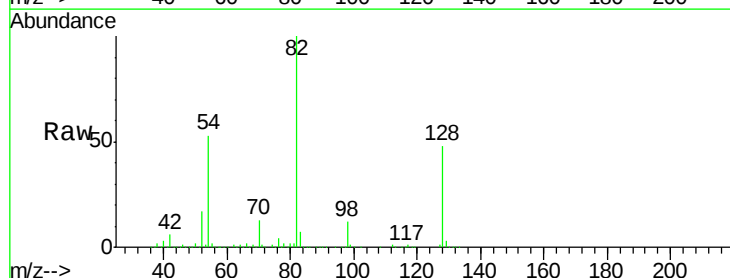
Tgt Ion: 117 Resp: 16306

Ion Ratio Lower Upper

117 100

119 10.1 78.1 117.1#

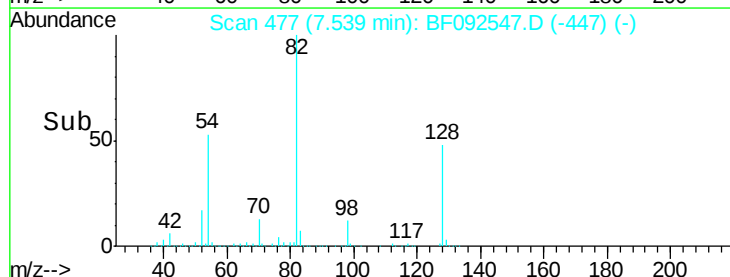
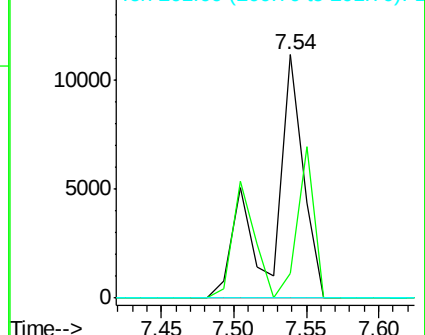
201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

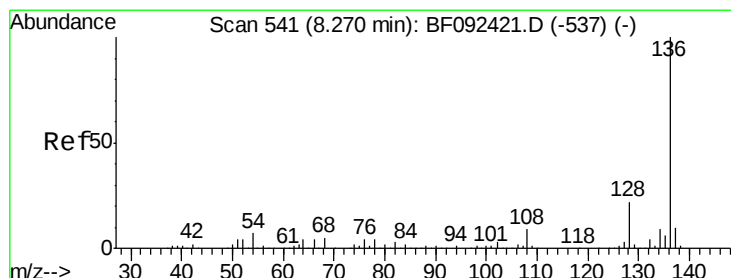
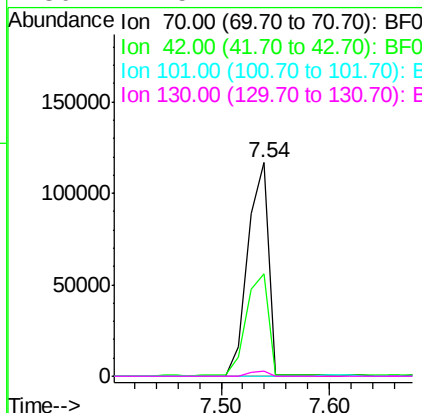
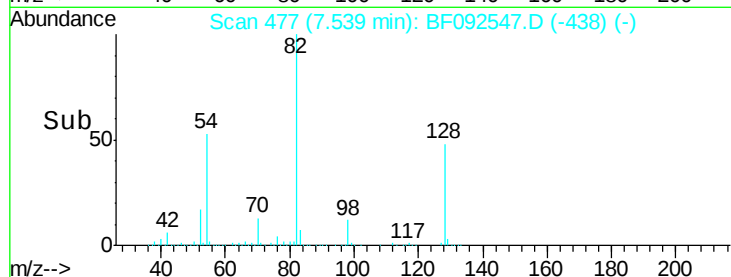
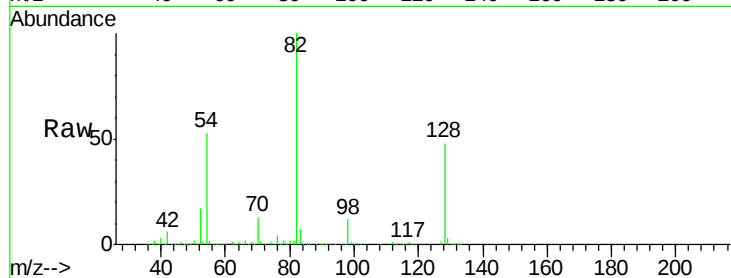




#19
n-Nitroso-di-n-propylamine
Concen: 16.70 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

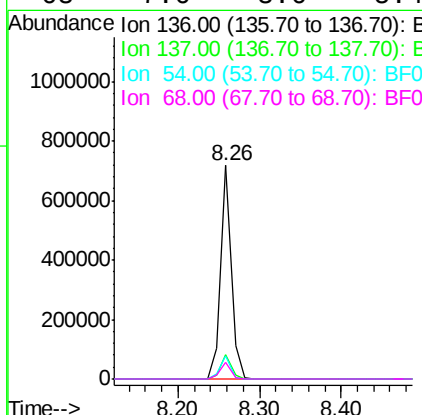
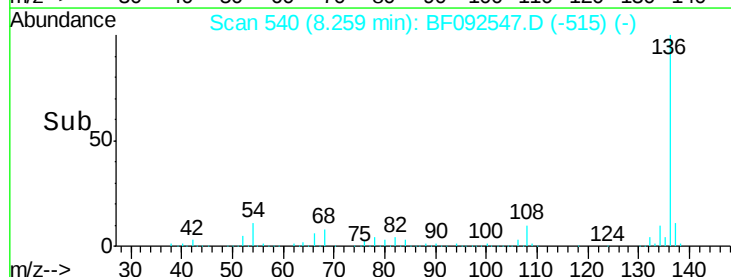
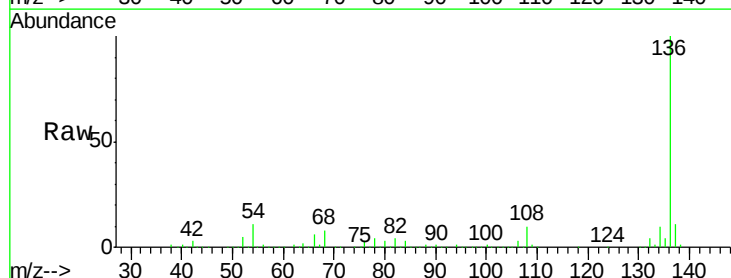
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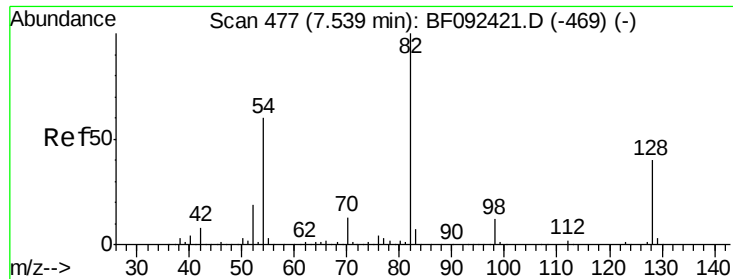
Tgt Ion: 70 Resp: 154944
Ion Ratio Lower Upper
70 100
42 48.1 49.4 74.0#
101 0.0 7.4 11.2#
130 2.5 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion: 136 Resp: 648342
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 10.7 4.5 6.7#
68 7.6 3.6 5.4#

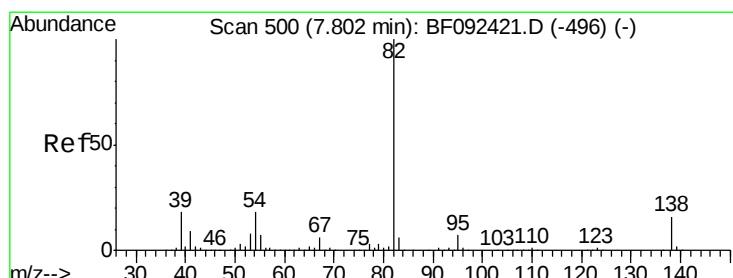
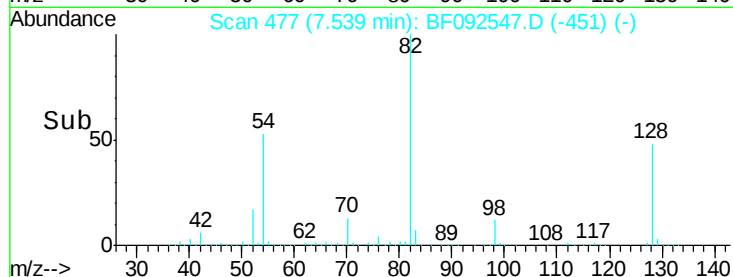
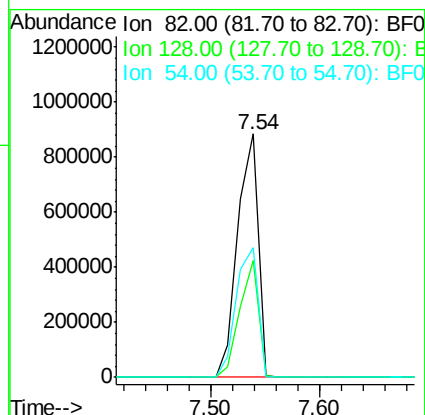
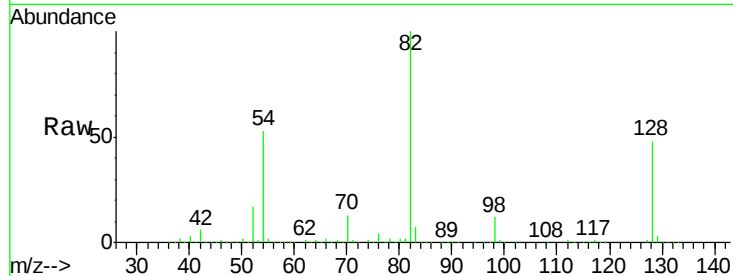




#23
Nitrobenzene-d5
Concen: 96.03 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

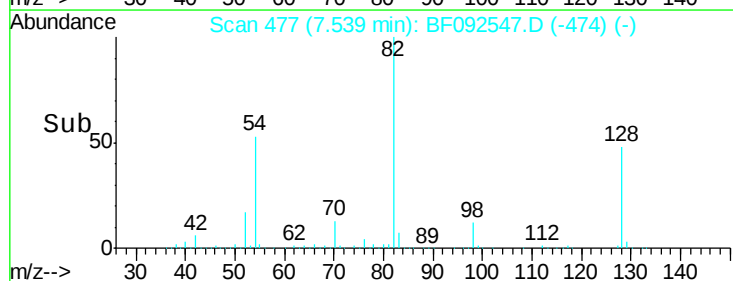
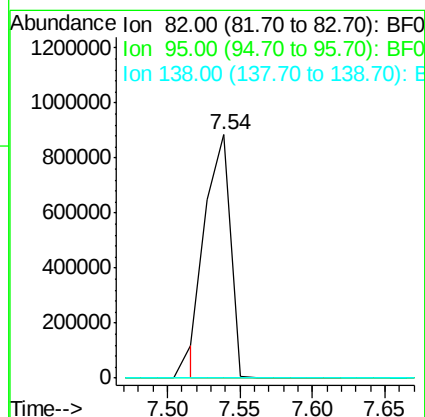
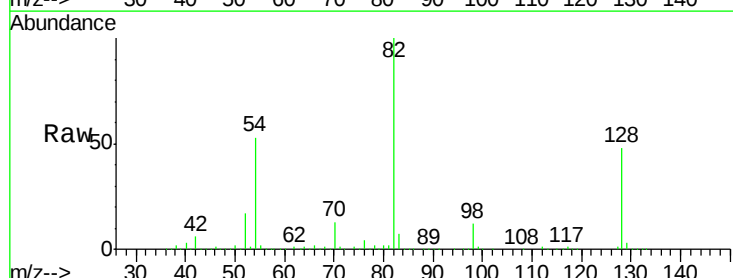
Instrument :
BNA_F
ClientSampleId :
W-33

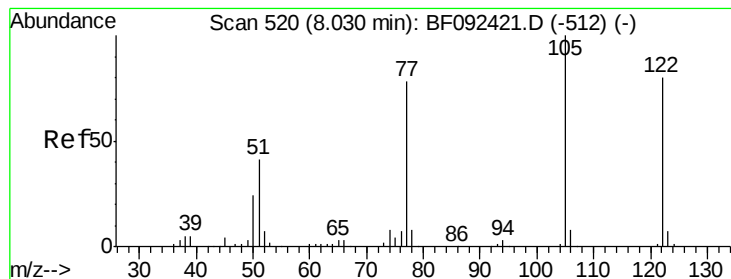
Tgt Ion: 82 Resp: 1139810
Ion Ratio Lower Upper
82 100
128 47.9 34.6 52.0
54 53.1 39.5 59.3



#25
Isophorone
Concen: 45.12 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion: 82 Resp: 1055354
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#





#32

Benzoic acid

Concen: 4.72 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092547.D

Acq: 27 Jan 2017 1:32

Instrument :

BNA_F

ClientSampled :

W-33

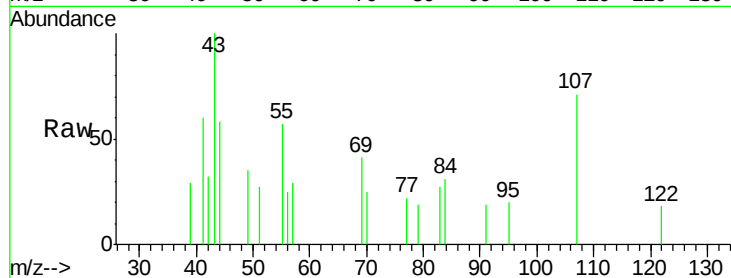
Tgt Ion:122 Resp: 207

Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

77 122.8 74.5 114.5#

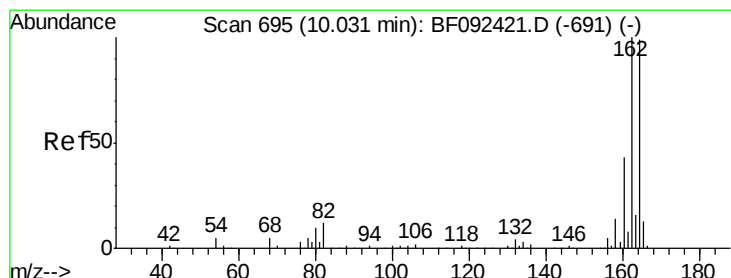
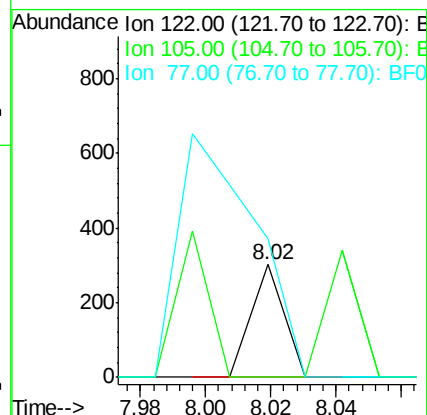
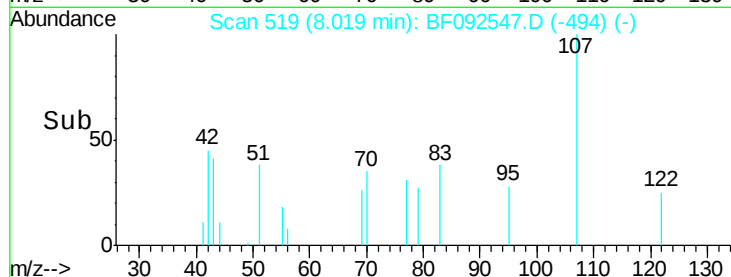


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF092547.D

Acq: 27 Jan 2017 1:32

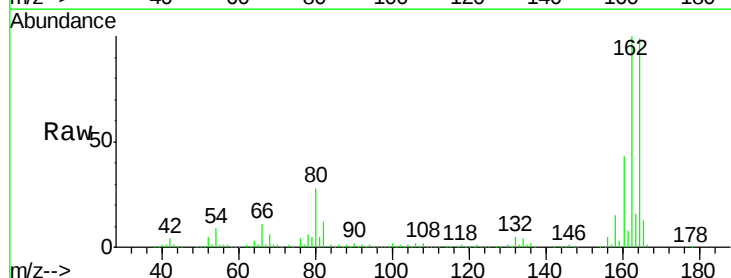
Tgt Ion:164 Resp: 358388

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

160 43.4 36.9 55.3

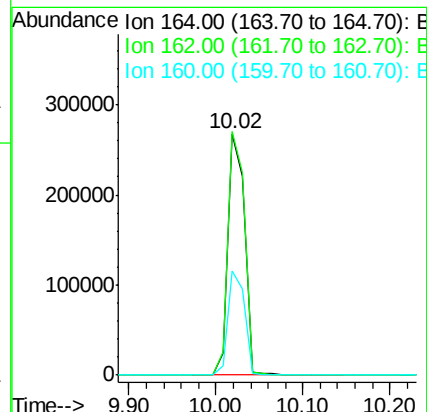
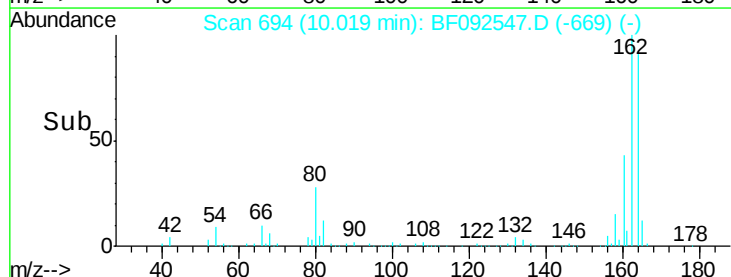


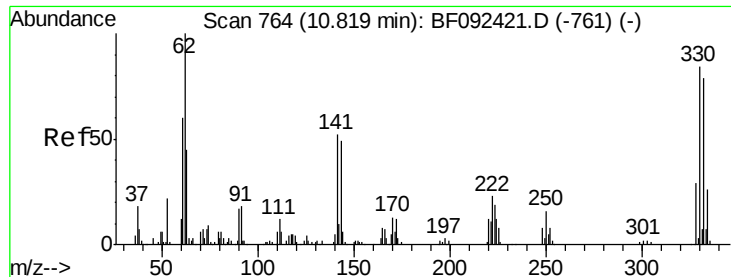
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

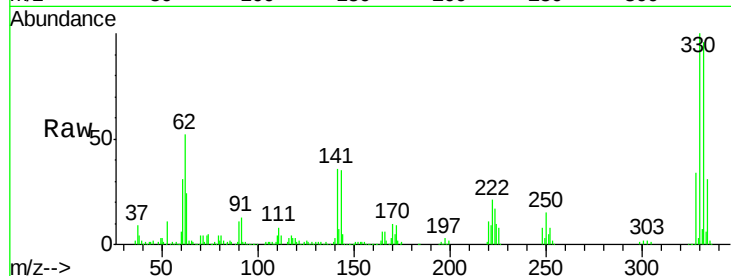




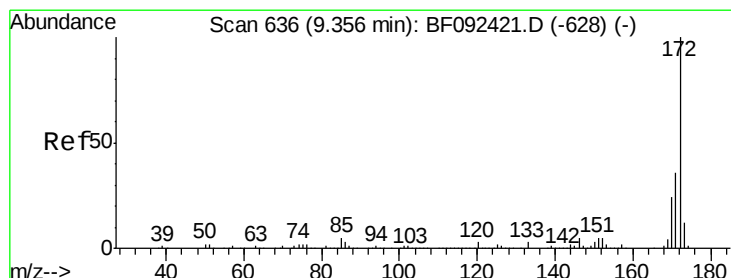
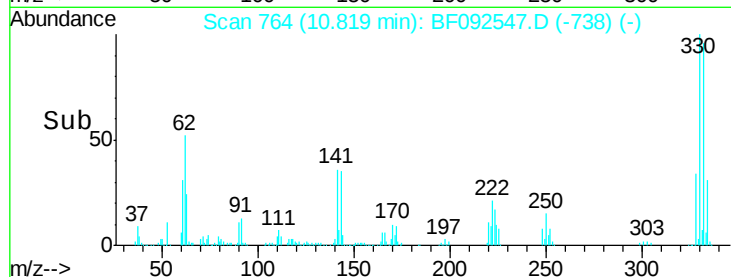
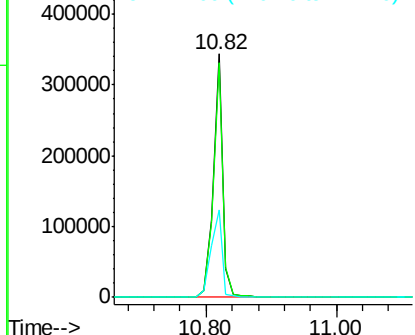
#41
 2,4,6-Tribromophenol
 Concen: 145.32 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092547.D
 Acq: 27 Jan 2017 1:32

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Tgt Ion:330 Resp: 354917
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 42.0 34.1 51.1

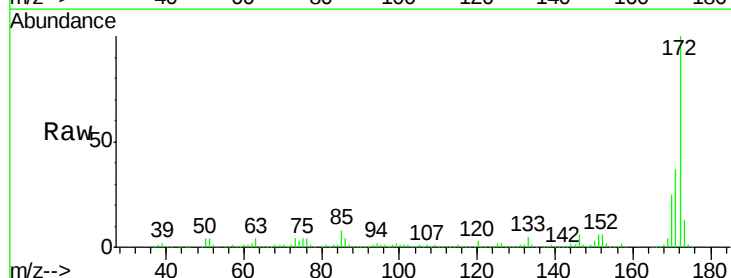


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

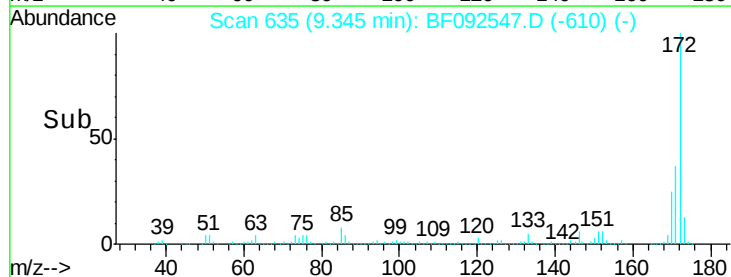
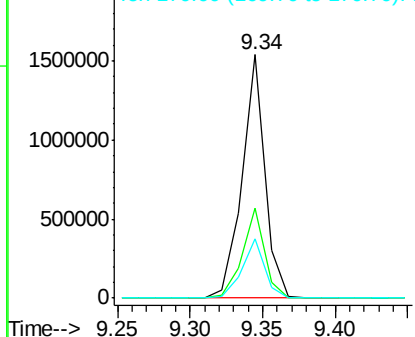


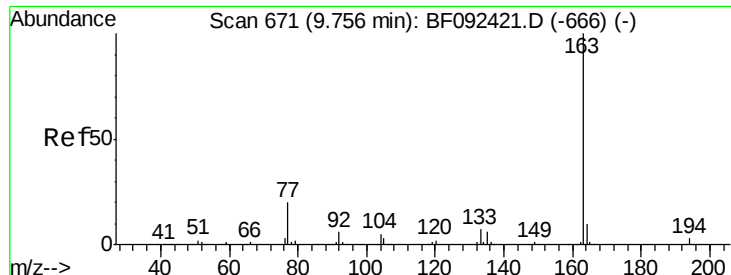
#44
 2-Fluorobiphenyl
 Concen: 86.50 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092547.D
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Tgt Ion:172 Resp: 1676506
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.6 20.2 30.4



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

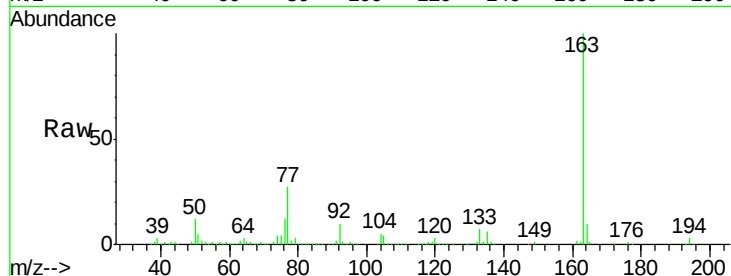




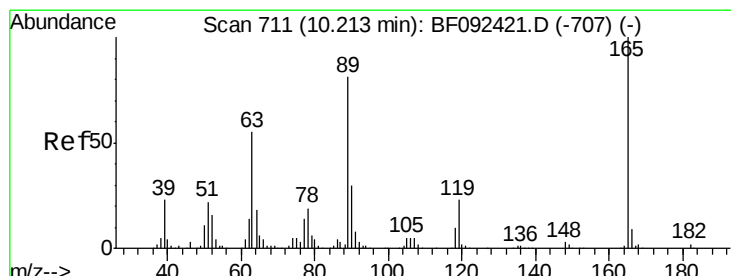
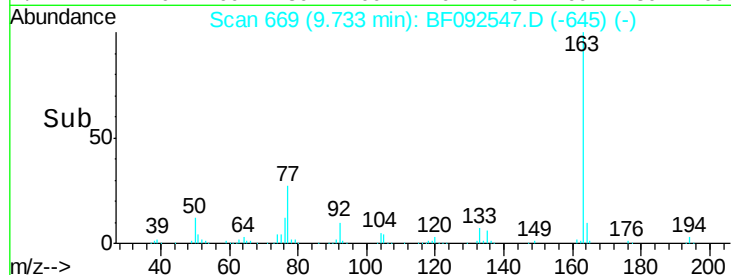
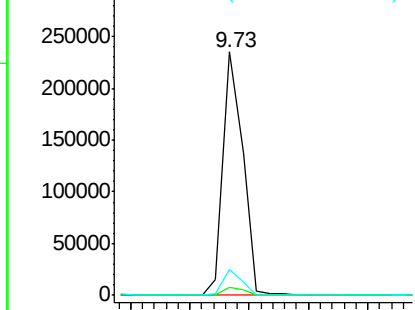
#49
Dimethylphthalate
Concen: 11.93 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
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Tgt Ion:163 Resp: 271961
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.5 8.0 12.0

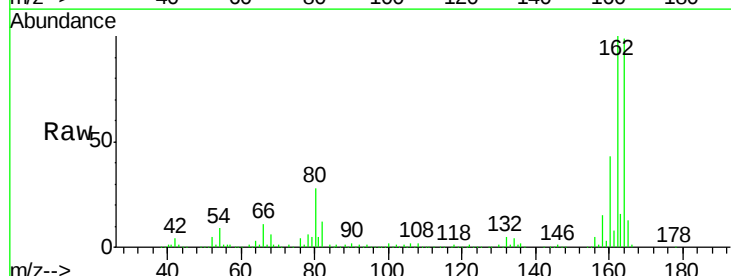


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

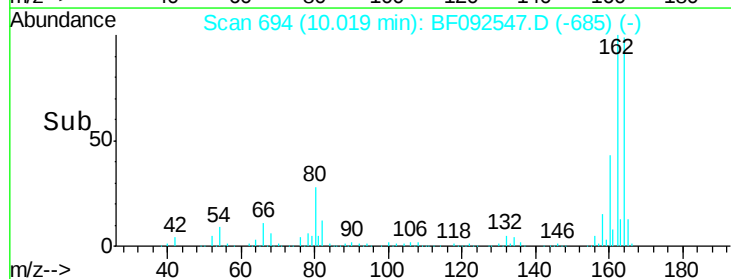
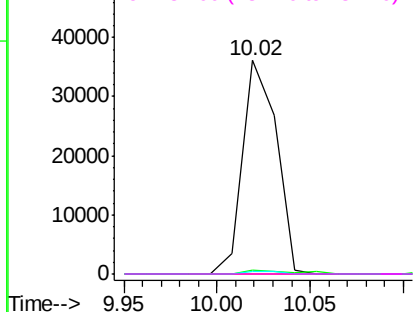


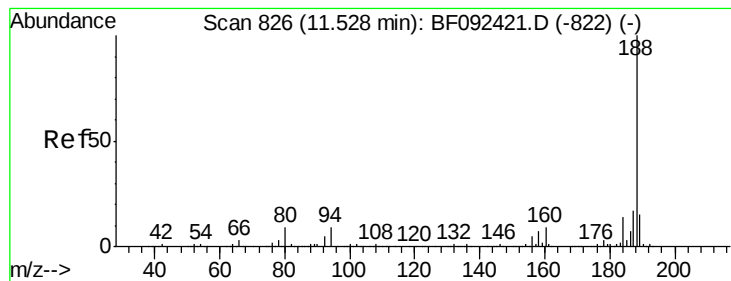
#56
2,4-Dinitrotoluene
Concen: 7.46 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.19 min
Lab File: BF092547.D
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Tgt Ion:165 Resp: 46101
Ion Ratio Lower Upper
165 100
63 1.7 40.2 60.4#
89 1.3 62.5 93.7#
182 0.0 1.8 2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092547.D

Acq: 27 Jan 2017 1:32

Instrument :

BNA_F

ClientSampleId :

W-33

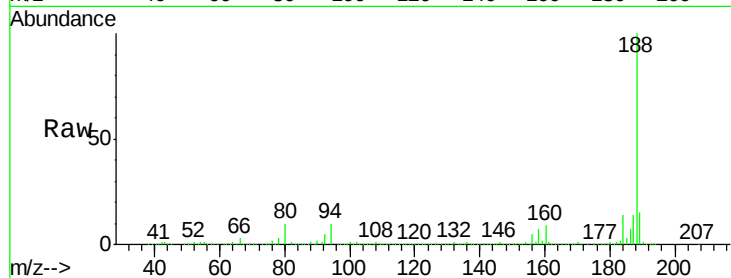
Tgt Ion:188 Resp: 644154

Ion Ratio Lower Upper

188 100

94 10.0 10.0 15.0#

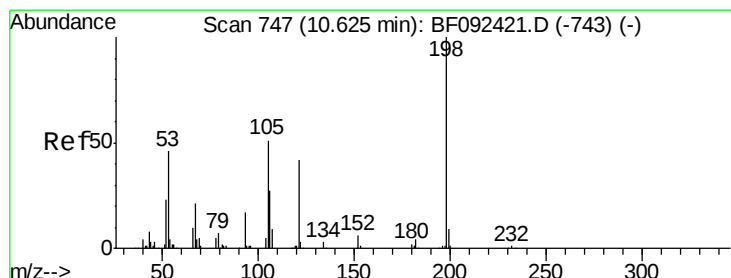
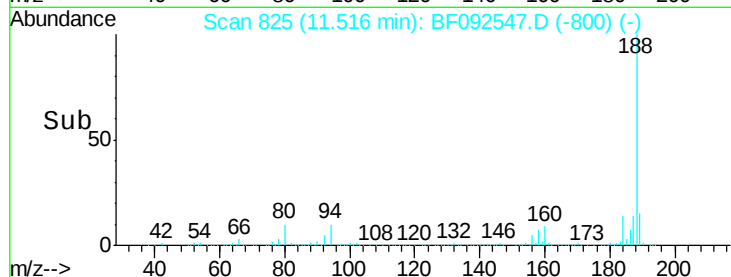
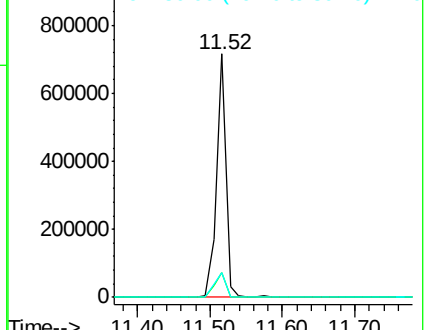
80 10.4 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 5.19 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.20 min

Lab File: BF092547.D

Acq: 27 Jan 2017 1:32

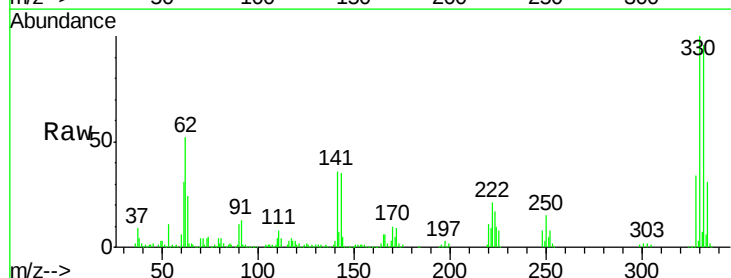
Tgt Ion:198 Resp: 937

Ion Ratio Lower Upper

198 100

51 267.8 6.7 46.7#

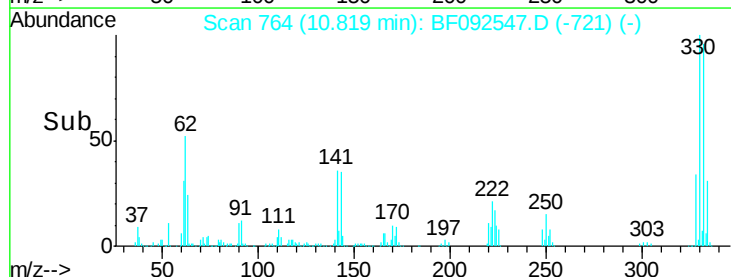
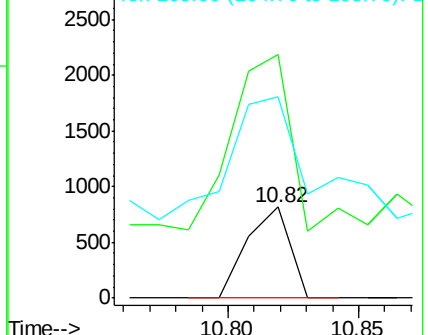
105 221.6 16.6 56.6#

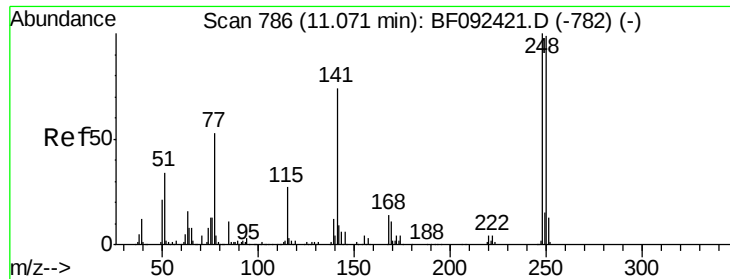


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

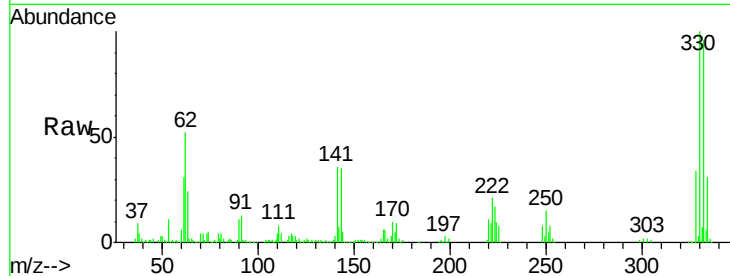




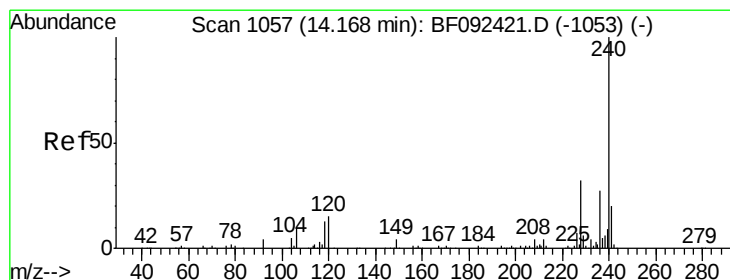
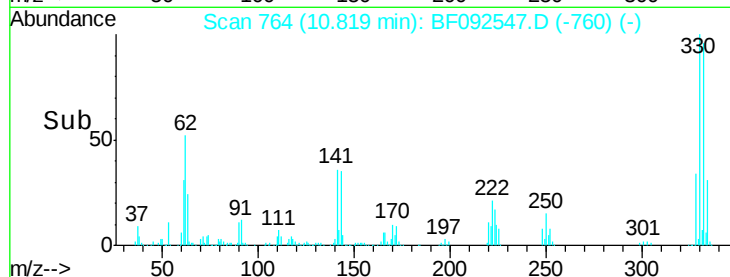
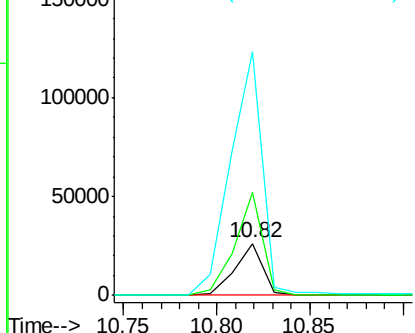
#66
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Instrument :
BNA_F
ClientSampleId :
W-33

Tgt Ion:248 Resp: 27514
Ion Ratio Lower Upper
248 100
250 197.0 76.9 115.3#
141 467.4 68.2 102.4#

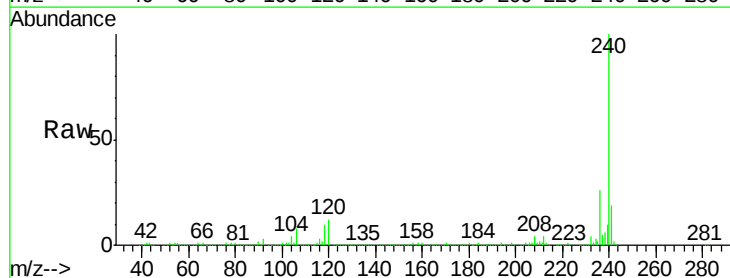


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

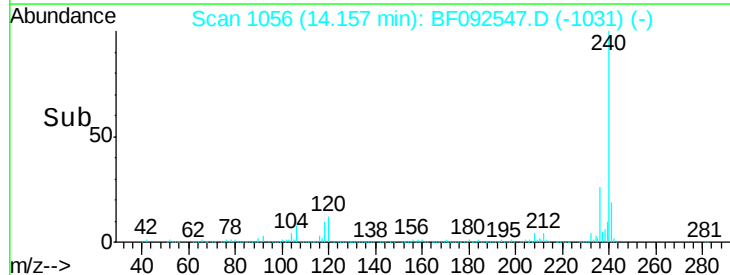
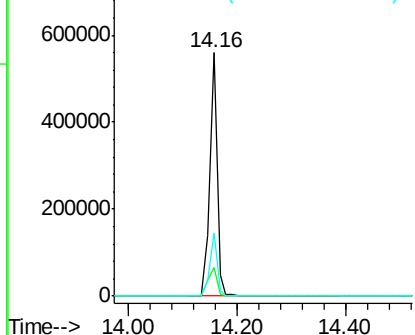


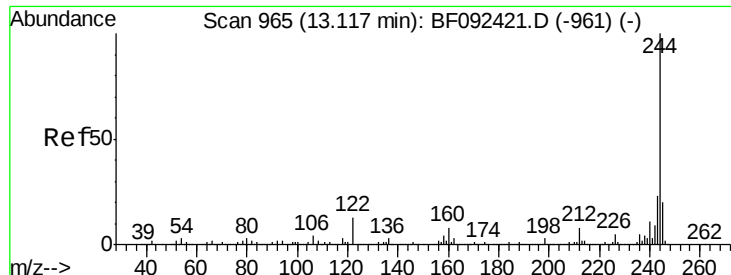
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF092547.D
Acq: 27 Jan 2017 1:32

Tgt Ion:240 Resp: 526565
Ion Ratio Lower Upper
240 100
120 11.7 12.9 19.3#
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

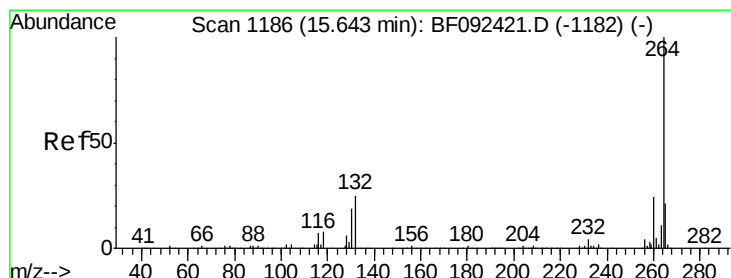
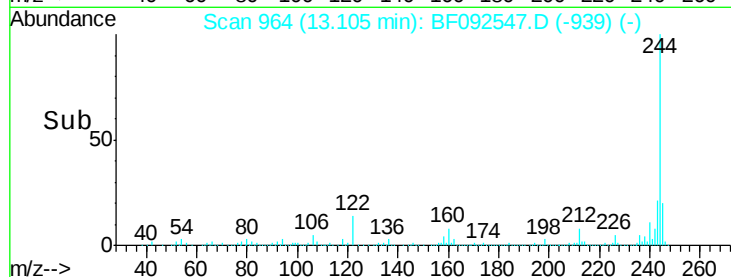
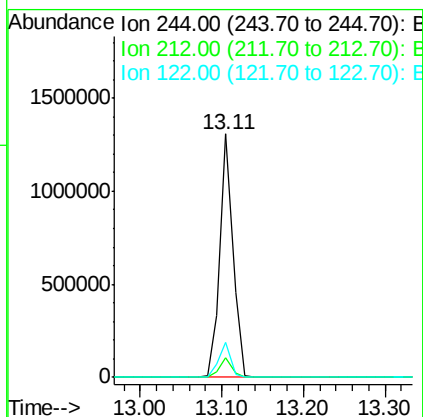
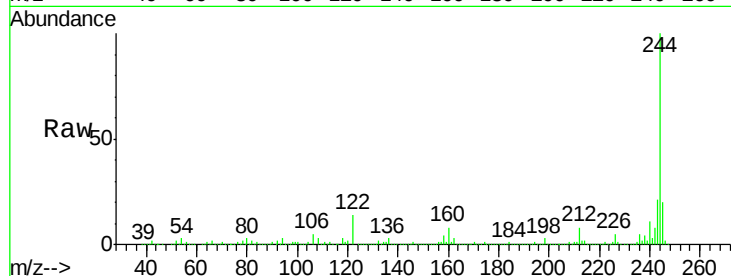




#78
 Terphenyl-d14
 Concen: 74.06 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092547.D
 Acq: 27 Jan 2017 1:32

Instrument :
 BNA_F
 ClientSampleId :
 W-33

Tgt Ion:244 Resp: 1464592
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 14.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092547.D
 Acq: 27 Jan 2017 1:32

Tgt Ion:264 Resp: 370344
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.6 17.4 26.0

