

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111656.D
 Acq On : 20 Dec 2018 23:18
 Operator : JU/SJ
 Sample : J6362-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-4

Quant Time: Dec 21 06:23:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	209779	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	767202	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	340296	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	526382	20.00	ng	0.00
76) Chrysene-d12	14.04	240	502709	20.00	ng	0.00
87) Perylene-d12	15.52	264	378959	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	842235	68.43	ng	0.00
7) Phenol-d6	6.52	99	1076101	68.70	ng	0.00
23) Nitrobenzene-d5	7.45	82	656431	49.80	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	224600	55.86	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1187886	50.88	ng	0.00
79) Terphenyl-d14	13.00	244	957204	36.11	ng	0.00

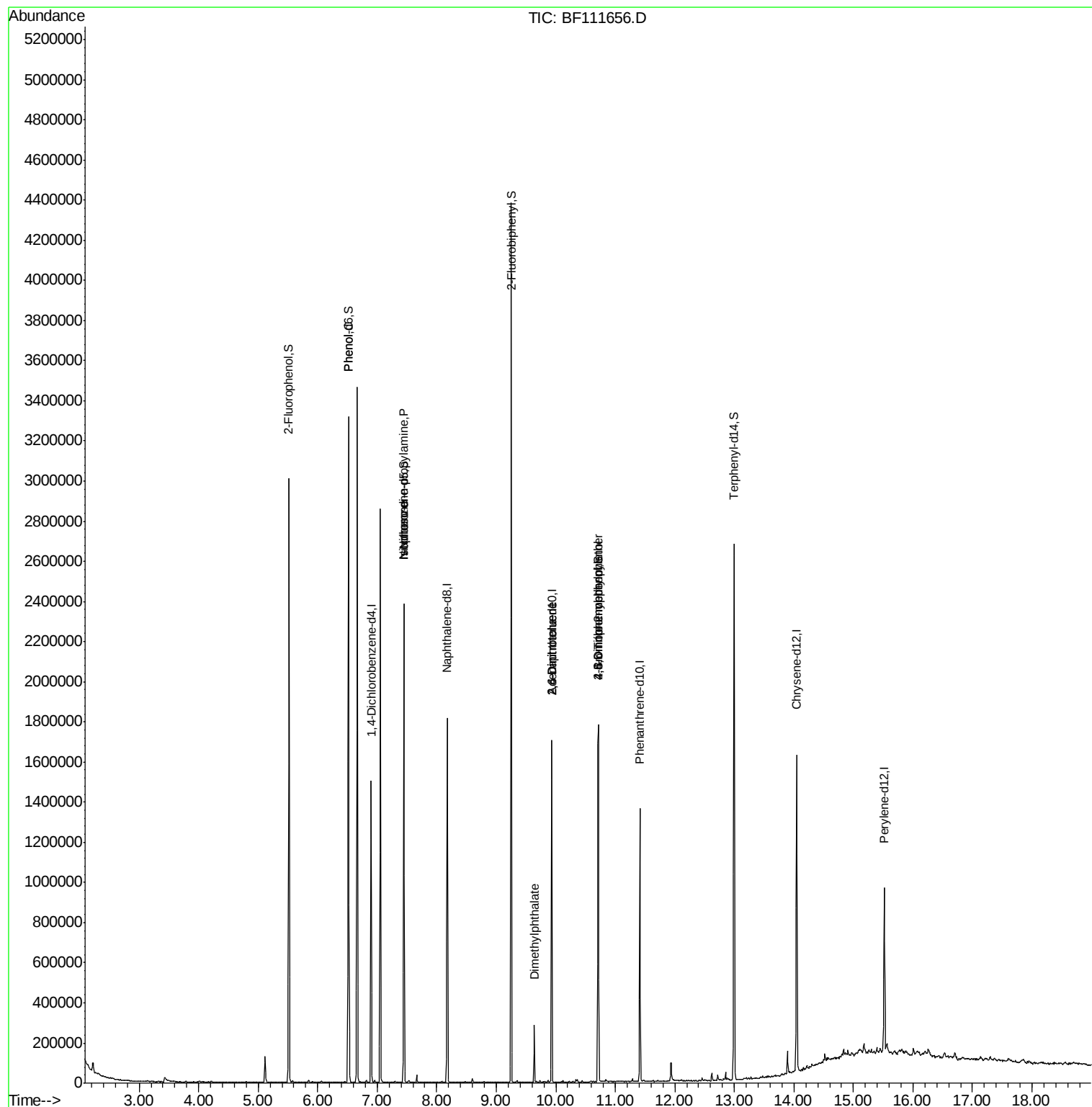
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	74496	4.215	ng	89
19) n-Nitroso-di-n-propylamine	7.45	70	88339	8.493	ng	# 78
25) Isophorone	7.45	82	656425	28.054	ng	# 64
50) Dimethylphthalate	9.64	163	96238	3.867	ng	98
51) 2,6-Dinitrotoluene	9.93	165	43895	8.846	ng	# 30
57) 2,4-Dinitrotoluene	9.93	165	43895	7.360	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	397	6.850	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	13633	2.088	ng	# 1

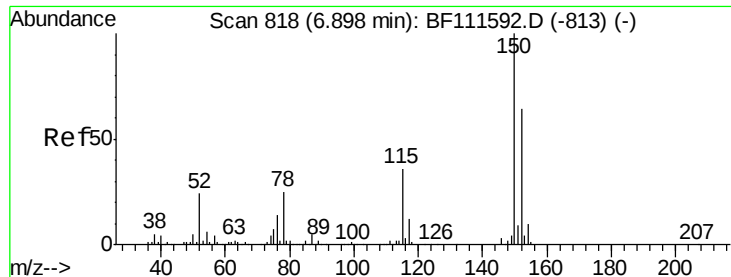
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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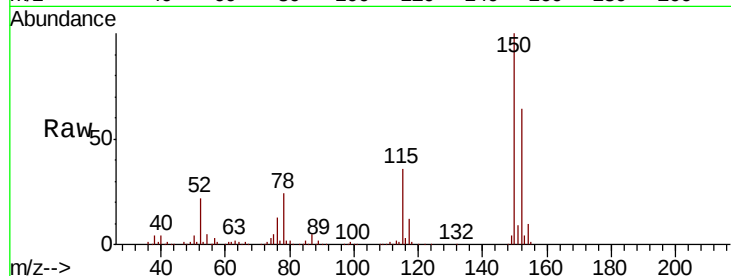


#1

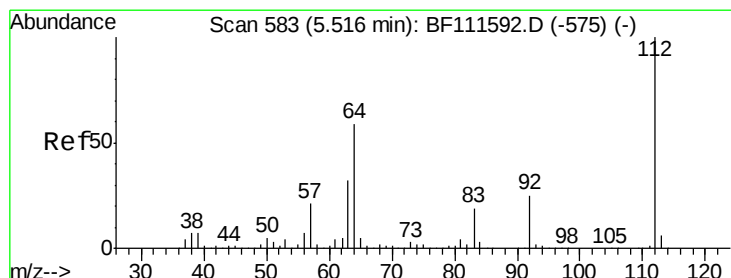
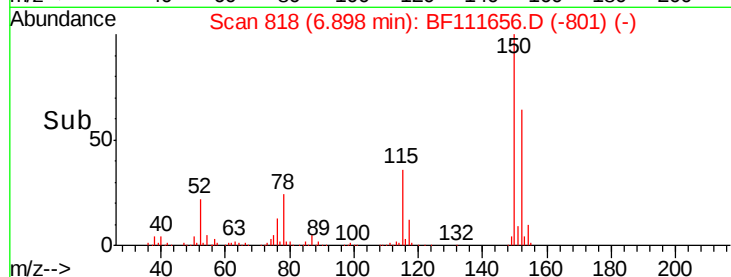
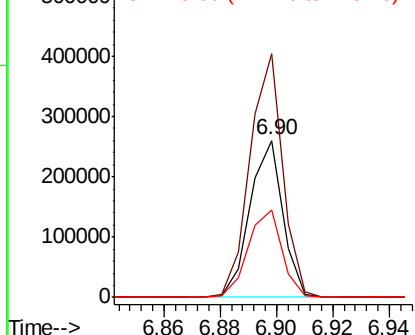
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111656.D
Acq: 20 Dec 2018 23:18

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 209779
Ion Ratio Lower Upper
152 100
150 155.1 126.6 189.8
115 56.0 50.7 76.1



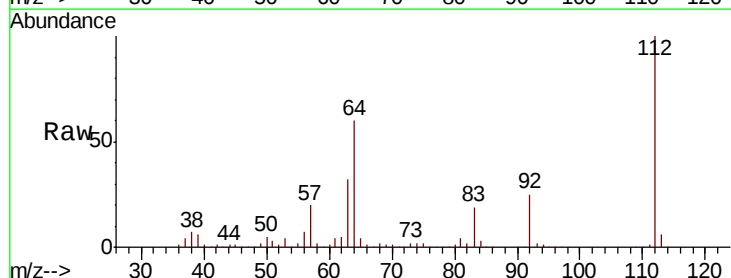
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



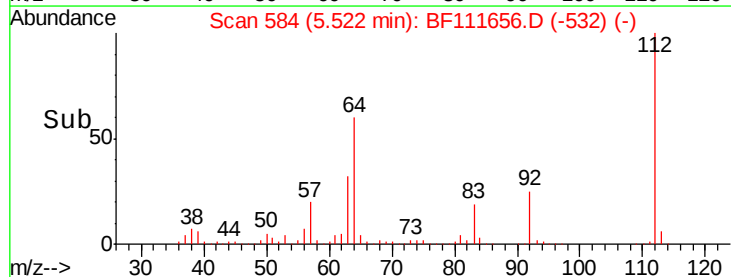
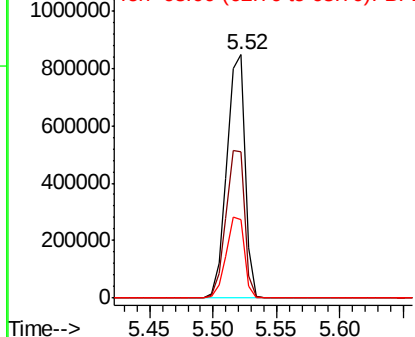
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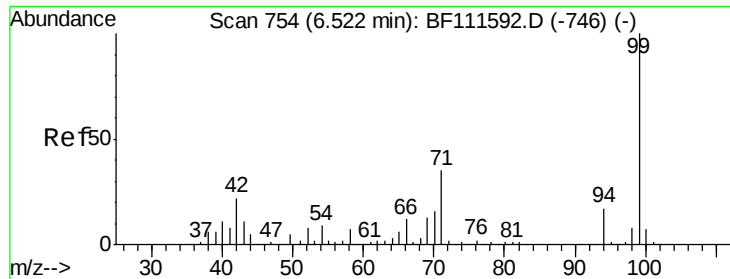
2-Fluorophenol
Concen: 68.435 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111656.D
Acq: 20 Dec 2018 23:18

Tgt Ion:112 Resp: 842235
Ion Ratio Lower Upper
112 100
64 60.1 51.8 77.6
63 32.4 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 68.705 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111656.D

Acq: 20 Dec 2018 23:18

Instrument :

BNA_F

ClientSampled :

P-4

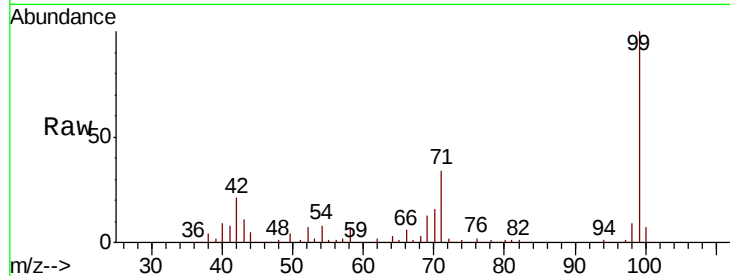
Tgt Ion: 99 Resp: 1076101

Ion Ratio Lower Upper

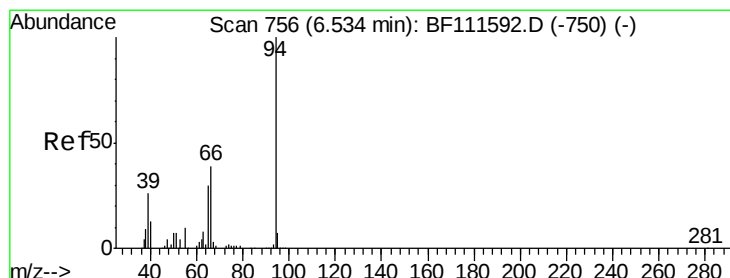
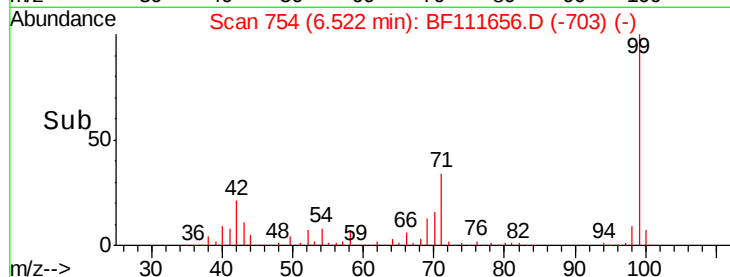
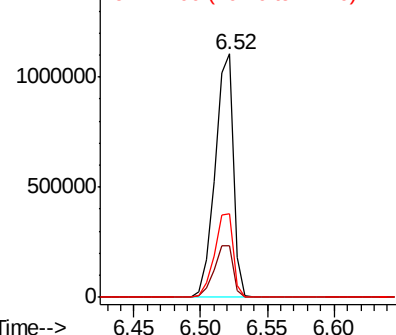
99 100

42 21.4 17.4 26.0

71 34.4 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.215 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111656.D

Acq: 20 Dec 2018 23:18

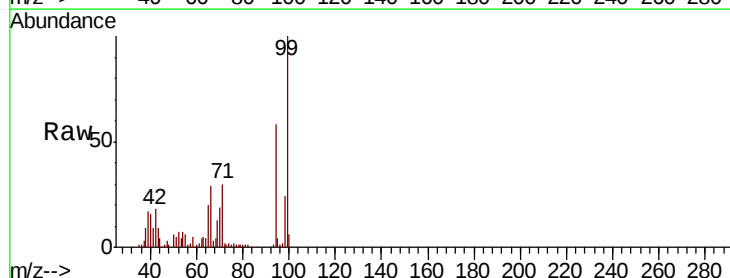
Tgt Ion: 94 Resp: 74496

Ion Ratio Lower Upper

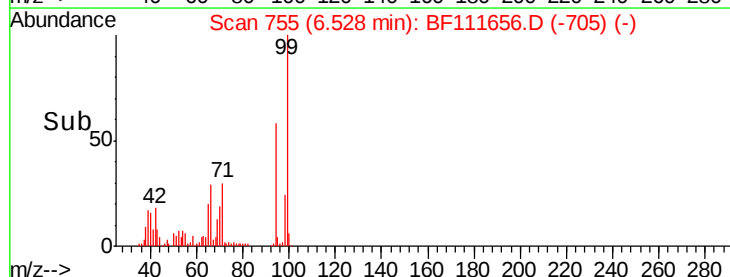
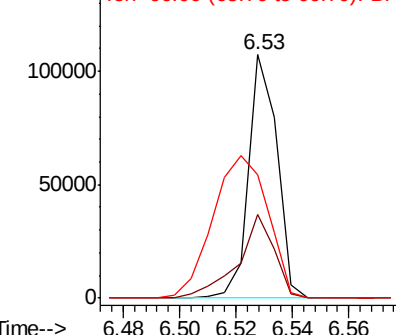
94 100

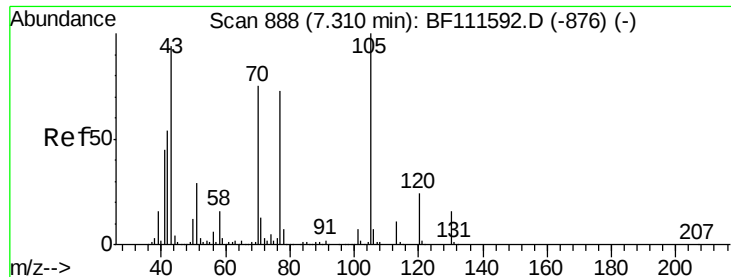
65 34.1 11.7 51.7

66 50.7 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

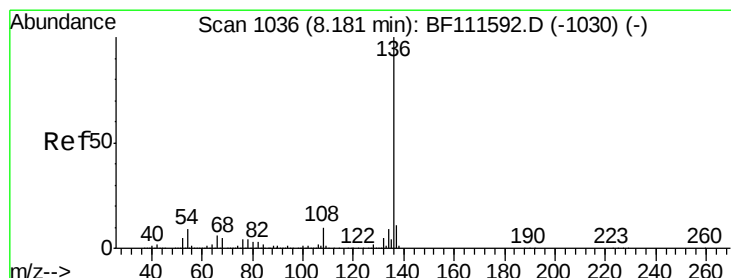
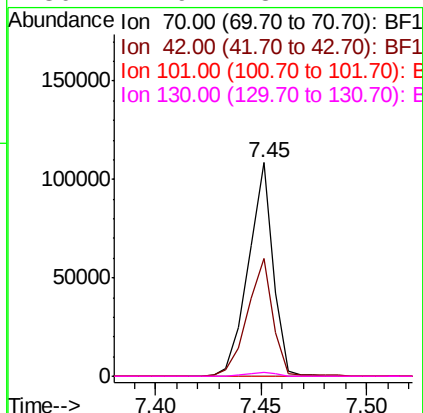
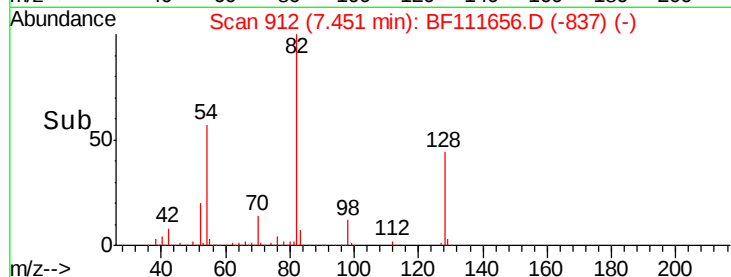
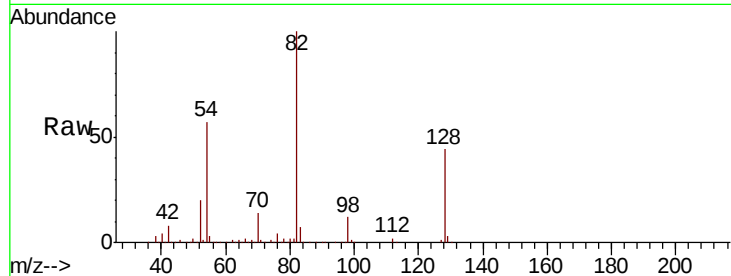




#19
n-Nitroso-di-n-propylamine
Concen: 8.493 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111656.D
Acq: 20 Dec 2018 23:18

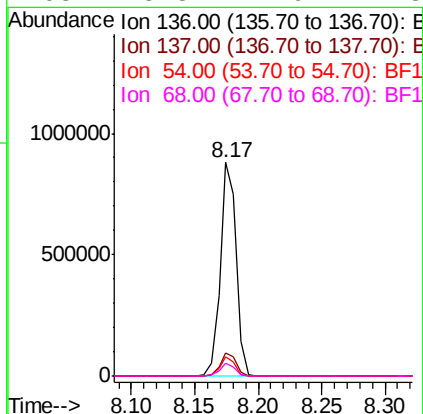
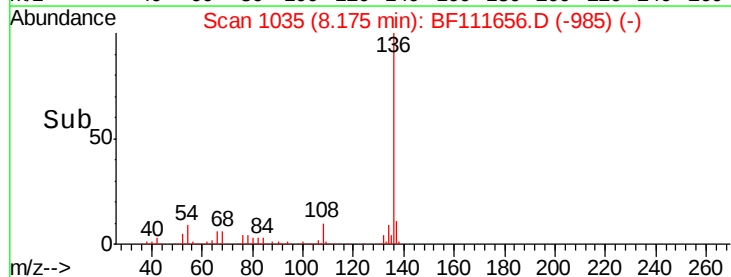
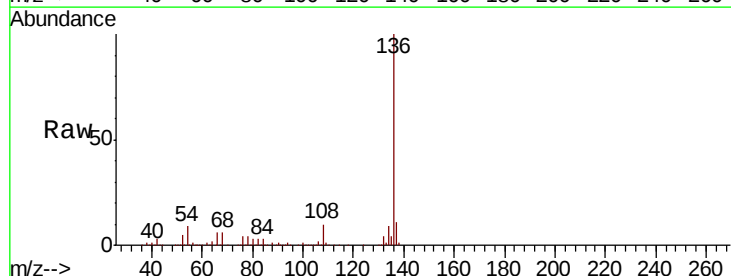
Instrument :
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ClientSampleId :
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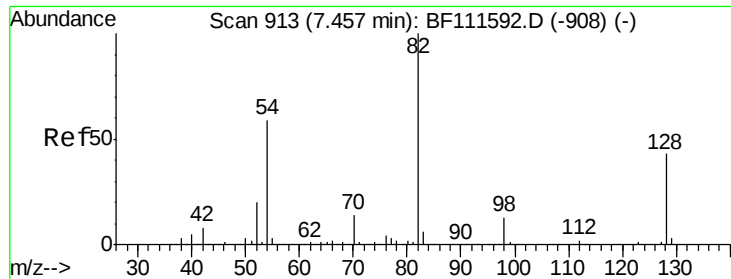
Tgt Ion: 70 Resp: 88339
Ion Ratio Lower Upper
70 100
42 54.9 53.2 79.8
101 0.0 8.2 12.4#
130 1.9 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111656.D
Acq: 20 Dec 2018 23:18

Tgt Ion: 136 Resp: 767202
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.2 7.7 11.5
68 5.8 4.9 7.3

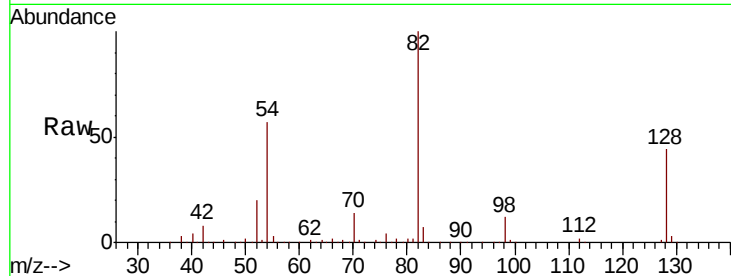




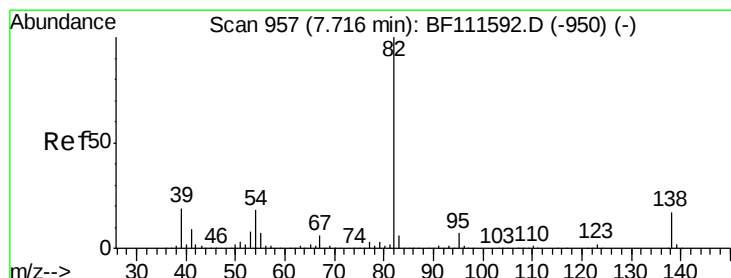
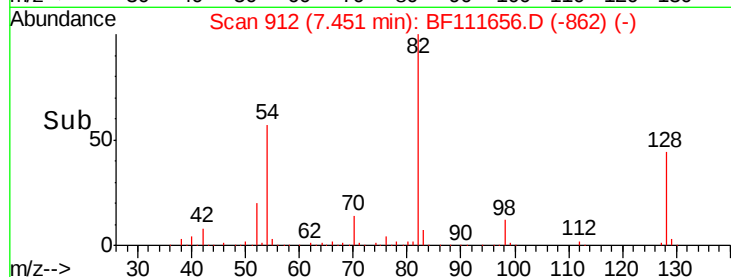
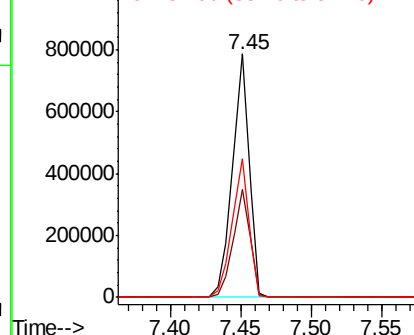
#23
 Nitrobenzene-d5
 Concen: 49.804 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111656.D
 Acq: 20 Dec 2018 23:18

Instrument :
 BNA_F
 ClientSampleId :
 P-4

Tgt Ion: 82 Resp: 656431
 Ion Ratio Lower Upper
 82 100
 128 44.2 37.4 56.2
 54 56.9 47.6 71.4

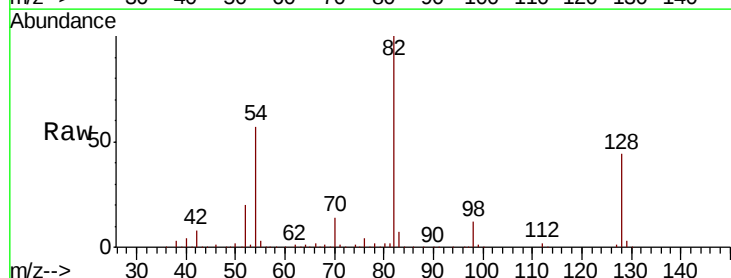


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

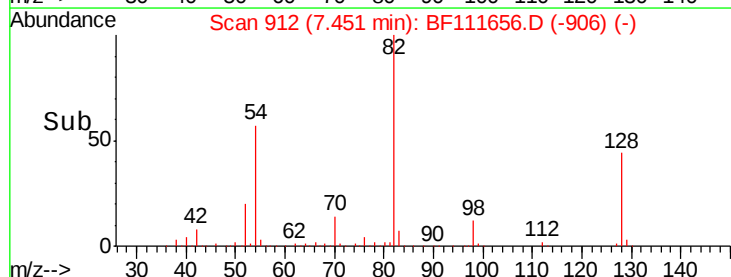
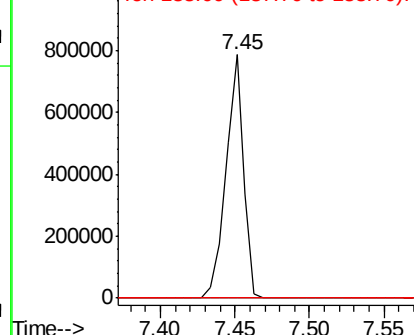


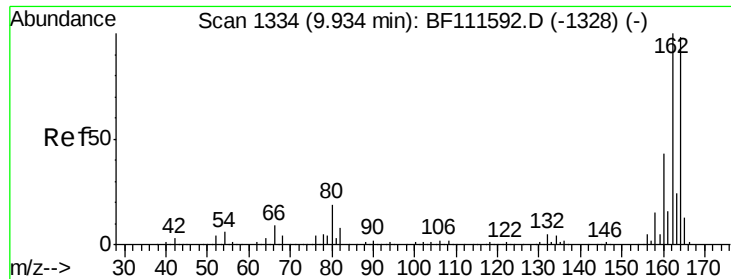
#25
 Isophorone
 Concen: 28.054 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.26 min
 Lab File: BF111656.D
 Acq: 20 Dec 2018 23:18

Tgt Ion: 82 Resp: 656425
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

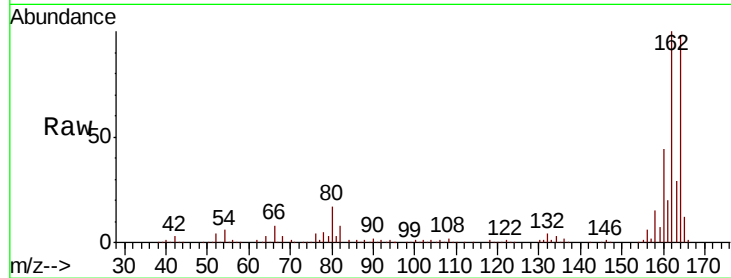




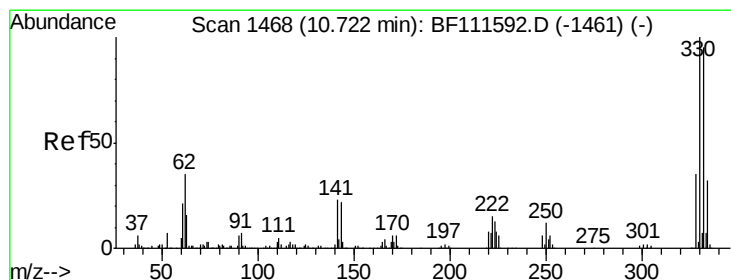
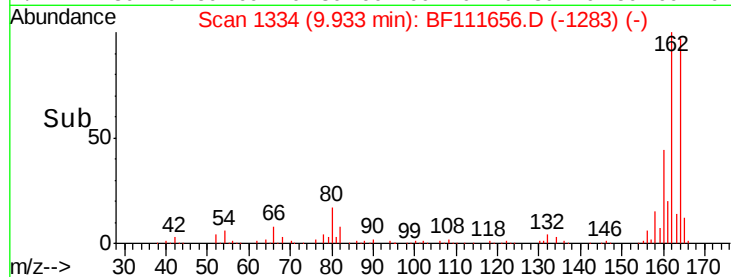
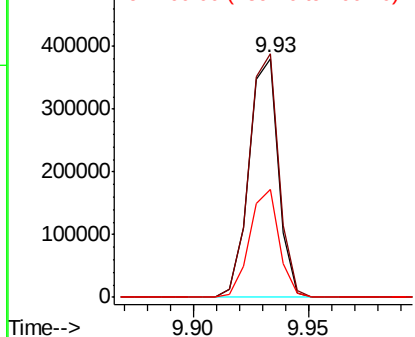
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111656.D
 Acq: 20 Dec 2018 23:18

Instrument :
 BNA_F
 ClientSampled :
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Tgt Ion:164 Resp: 340296
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.4 122.0
 160 45.3 35.7 53.5

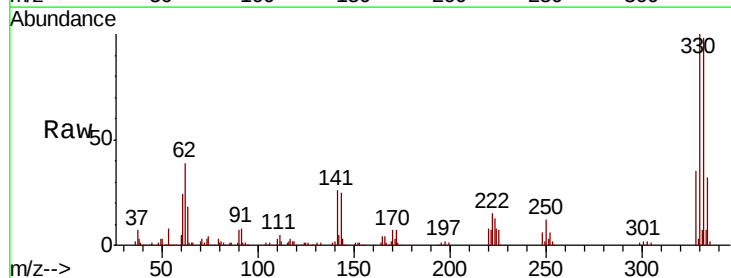


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

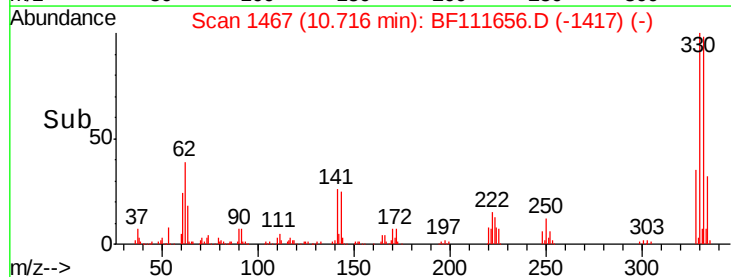
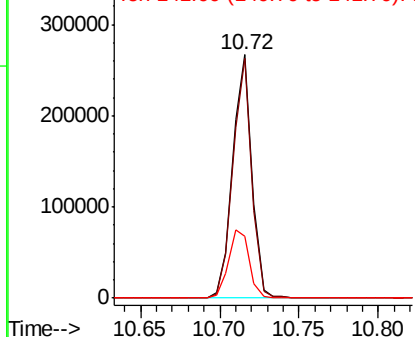


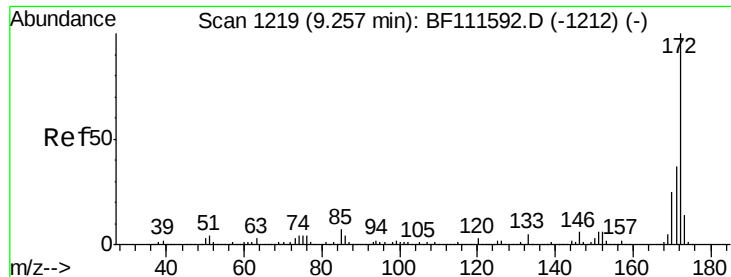
#42
 2,4,6-Tribromophenol
 Concen: 55.859 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111656.D
 Acq: 20 Dec 2018 23:18

Tgt Ion:330 Resp: 224600
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 30.5 31.0 46.6#



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

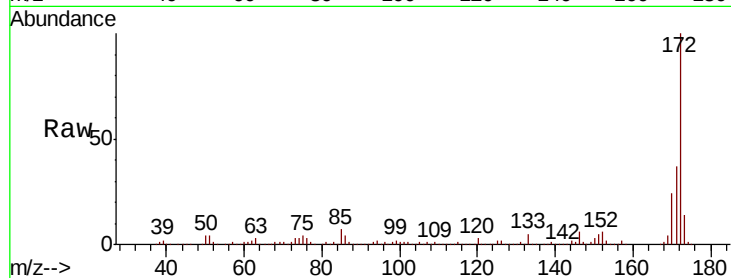




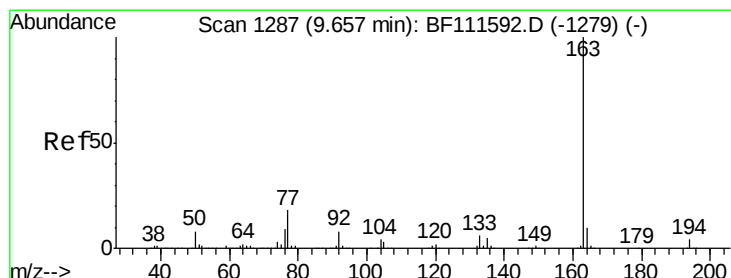
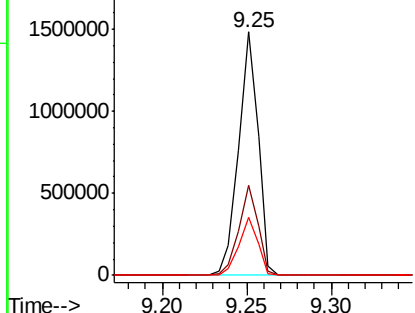
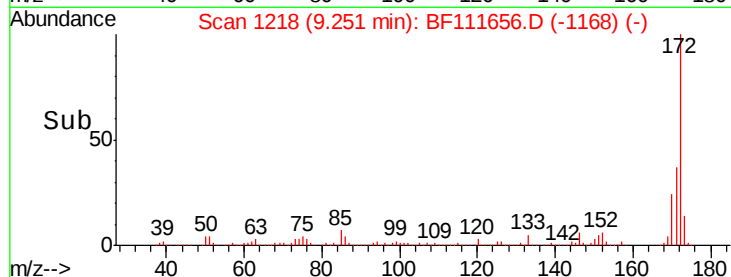
#45
2-Fluorobiphenyl
Concen: 50.880 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111656.D
Acq: 20 Dec 2018 23:18

Instrument :
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Tgt Ion:172 Resp: 1187886
Ion Ratio Lower Upper
172 100
171 36.9 33.0 49.4
170 23.9 22.3 33.5

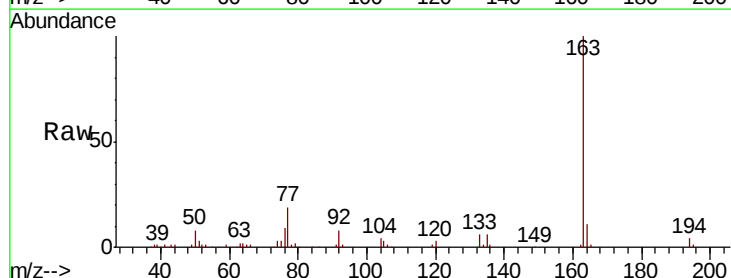


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

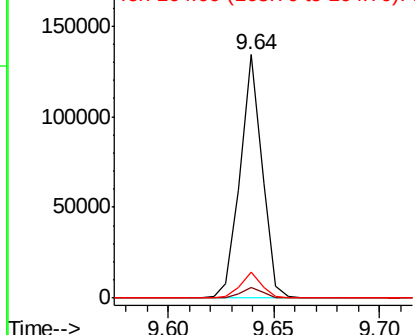
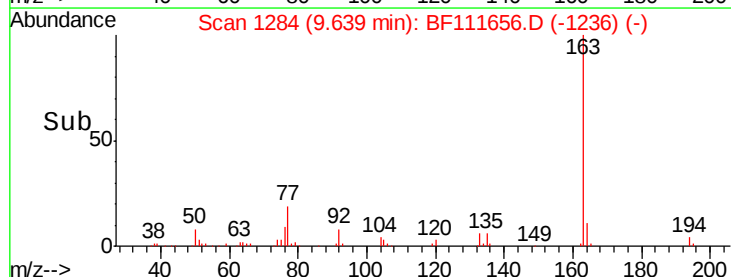


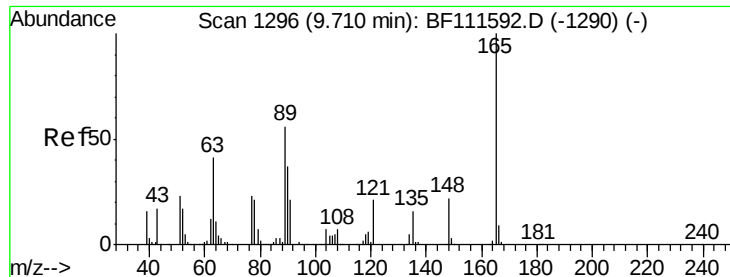
#50
Dimethylphthalate
Concen: 3.867 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111656.D
Acq: 20 Dec 2018 23:18

Tgt Ion:163 Resp: 96238
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 10.5 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.846 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.22 min

Lab File: BF111656.D

Acq: 20 Dec 2018 23:18

Instrument :

BNA_F

ClientSampleId :

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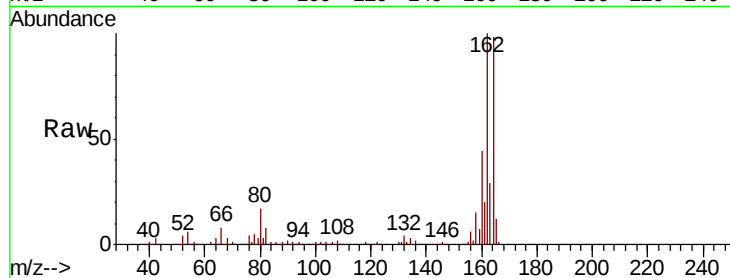
Tgt Ion:165 Resp: 43895

Ion Ratio Lower Upper

165 100

63 1.2 40.5 60.7#

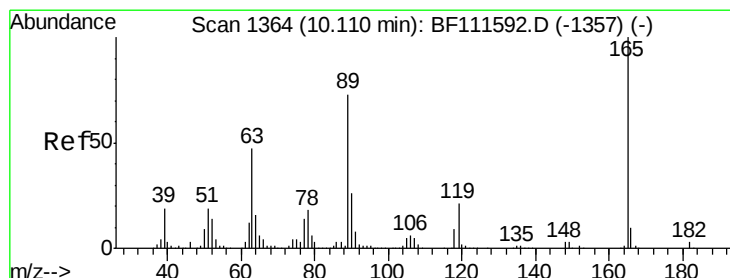
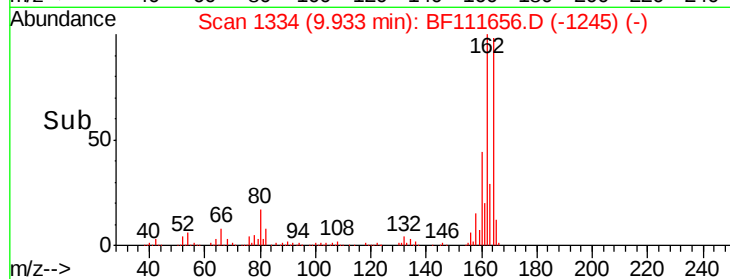
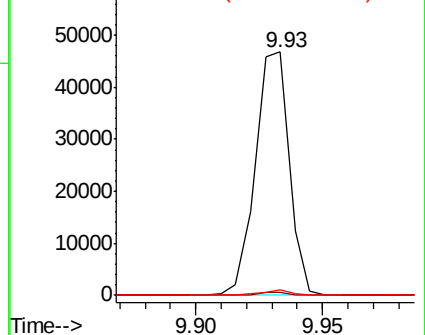
89 2.0 40.0 60.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 7.360 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.18 min

Lab File: BF111656.D

Acq: 20 Dec 2018 23:18

Tgt Ion:165 Resp: 43895

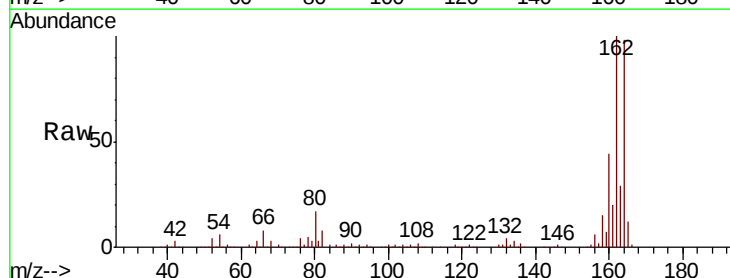
Ion Ratio Lower Upper

165 100

63 1.2 34.6 52.0#

89 2.0 56.2 84.4#

182 0.0 1.8 2.6#

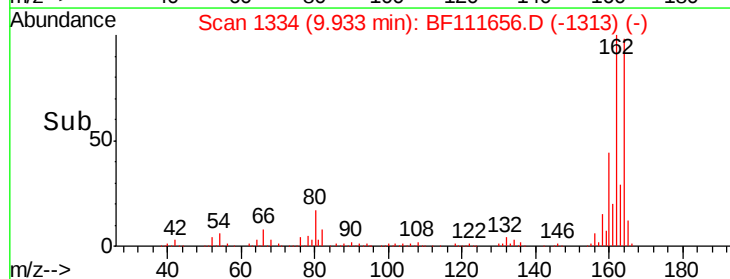
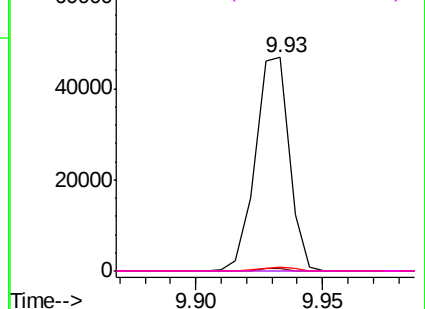


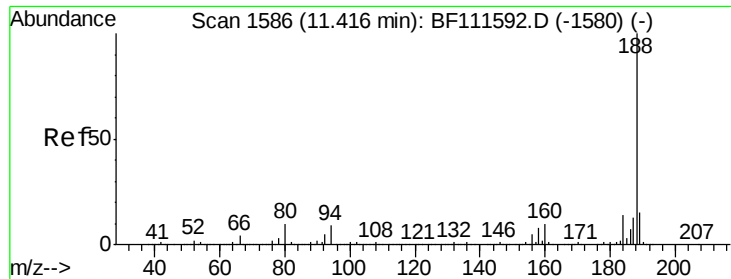
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

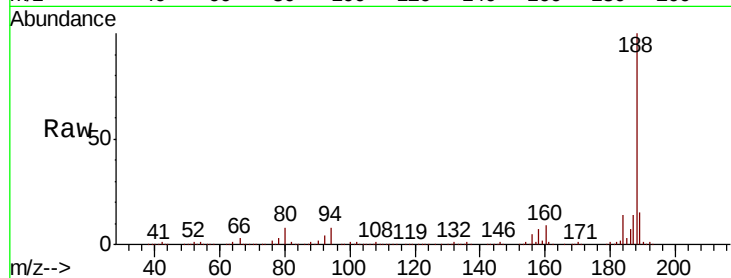




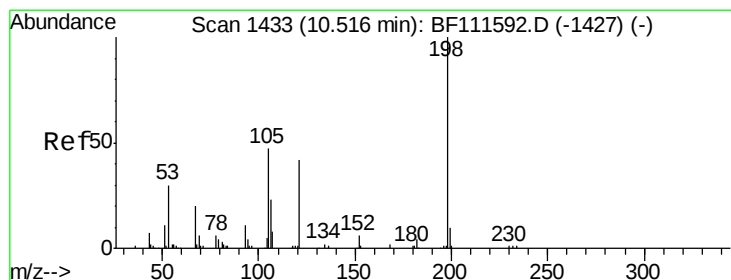
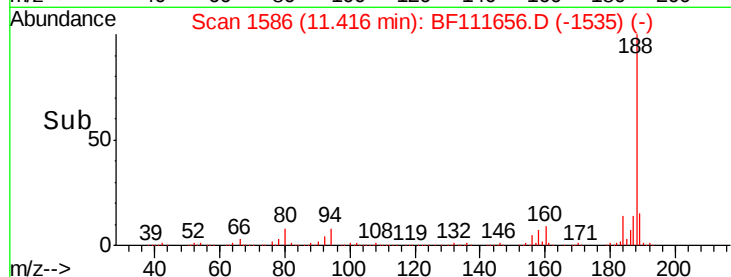
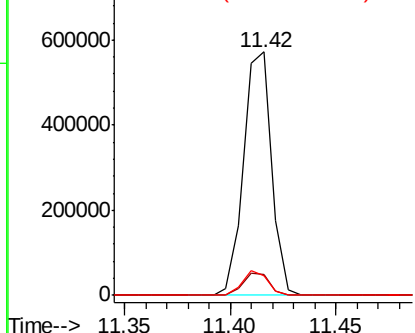
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF111656.D
 Acq: 20 Dec 2018 23:18

Instrument :
 BNA_F
 ClientSampleId :
 P-4

Tgt Ion:188 Resp: 526382
 Ion Ratio Lower Upper
 188 100
 94 8.3 9.6 14.4#
 80 8.1 9.8 14.6#

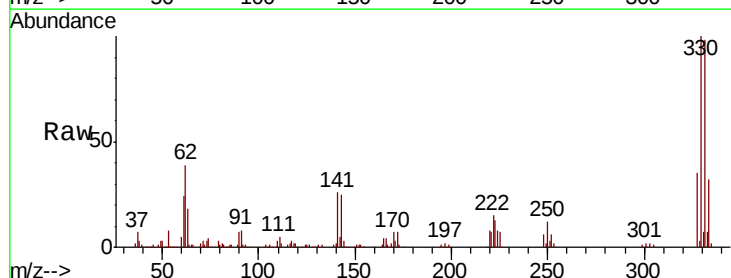


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

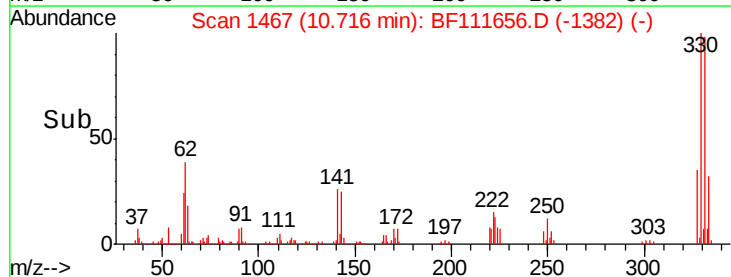
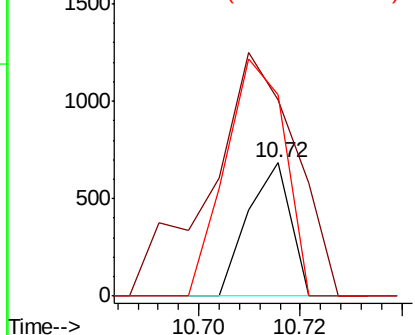


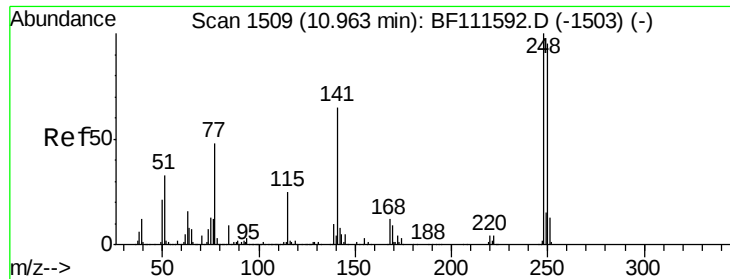
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.850 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.20 min
 Lab File: BF111656.D
 Acq: 20 Dec 2018 23:18

Tgt Ion:198 Resp: 397
 Ion Ratio Lower Upper
 198 100
 51 147.6 48.0 88.0#
 105 151.4 34.0 74.0#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

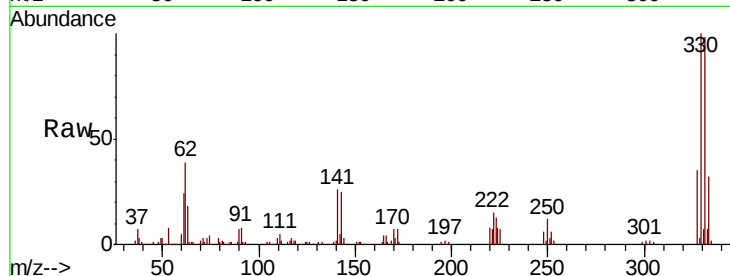




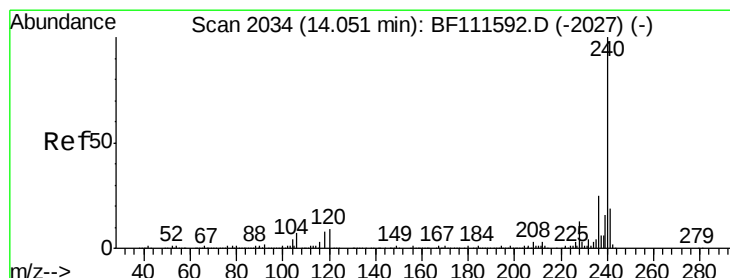
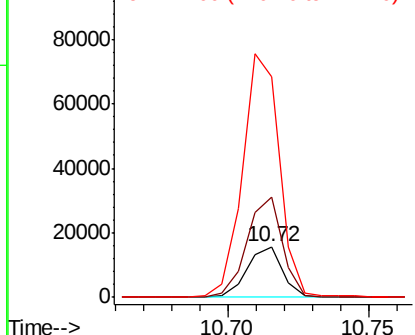
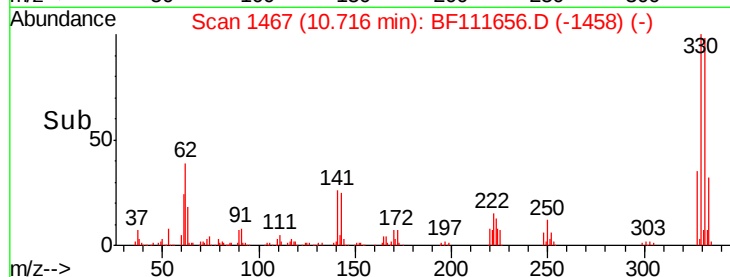
#67
 4-Bromophenyl-phenylether
 Concen: 2.088 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF111656.D
 Acq: 20 Dec 2018 23:18

Instrument :
 BNA_F
 ClientSampleId :
 P-4

Tgt Ion:248 Resp: 13633
 Ion Ratio Lower Upper
 248 100
 250 197.8 77.0 115.4#
 141 435.9 63.0 94.6#

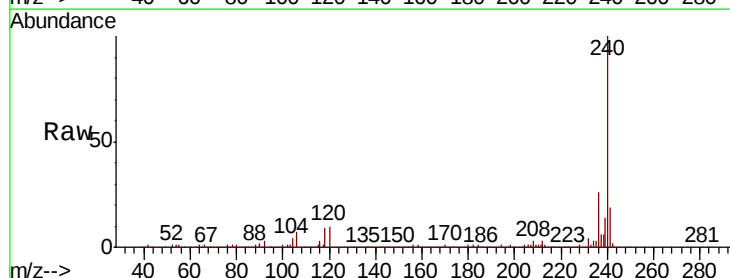


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

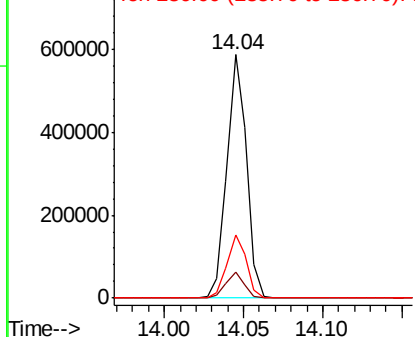
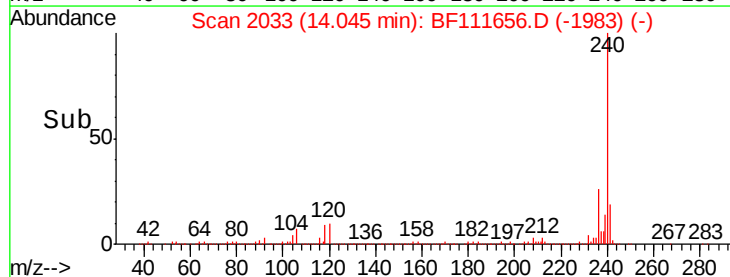


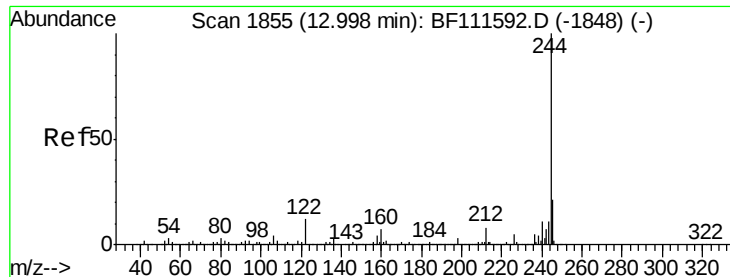
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111656.D
 Acq: 20 Dec 2018 23:18

Tgt Ion:240 Resp: 502709
 Ion Ratio Lower Upper
 240 100
 120 10.5 12.2 18.2#
 236 25.9 20.2 30.2



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





#79

Terphenyl-d14

Concen: 36.110 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111656.D

Acq: 20 Dec 2018 23:18

Instrument :

BNA_F

ClientSampled :

P-4

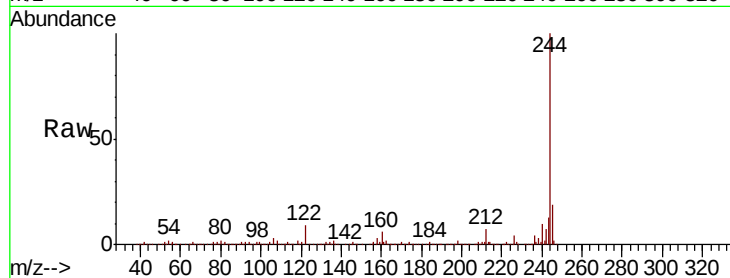
Tgt Ion:244 Resp: 957204

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

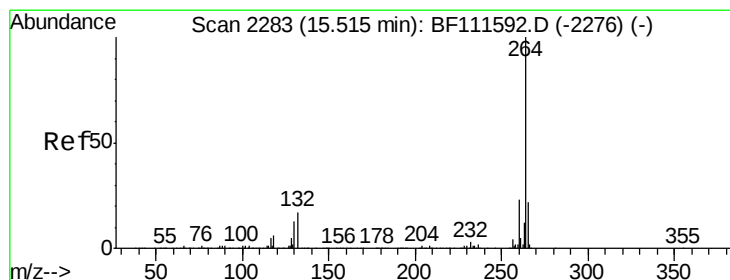
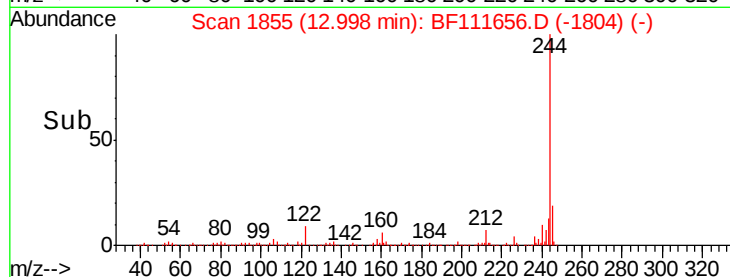
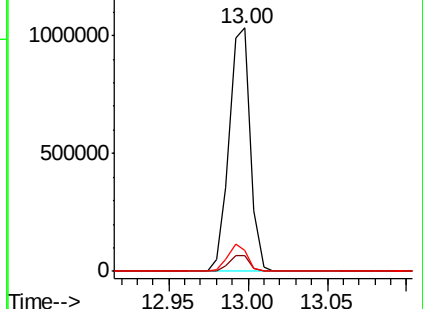
122 8.8 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111656.D

Acq: 20 Dec 2018 23:18

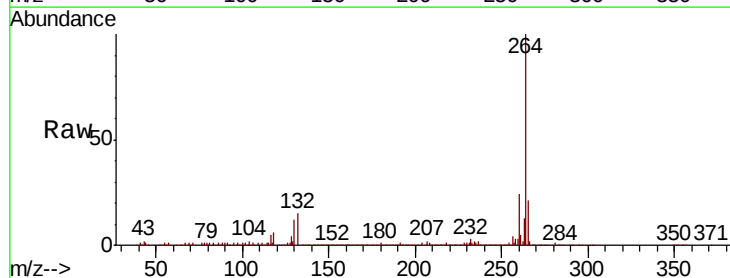
Tgt Ion:264 Resp: 378959

Ion Ratio Lower Upper

264 100

260 24.3 18.3 27.5

265 21.4 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

