

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112271.D
 Acq On : 28 Jan 2019 13:40
 Operator : JU/SJ
 Sample : K1258-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

Quant Time: Jan 28 14:14:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

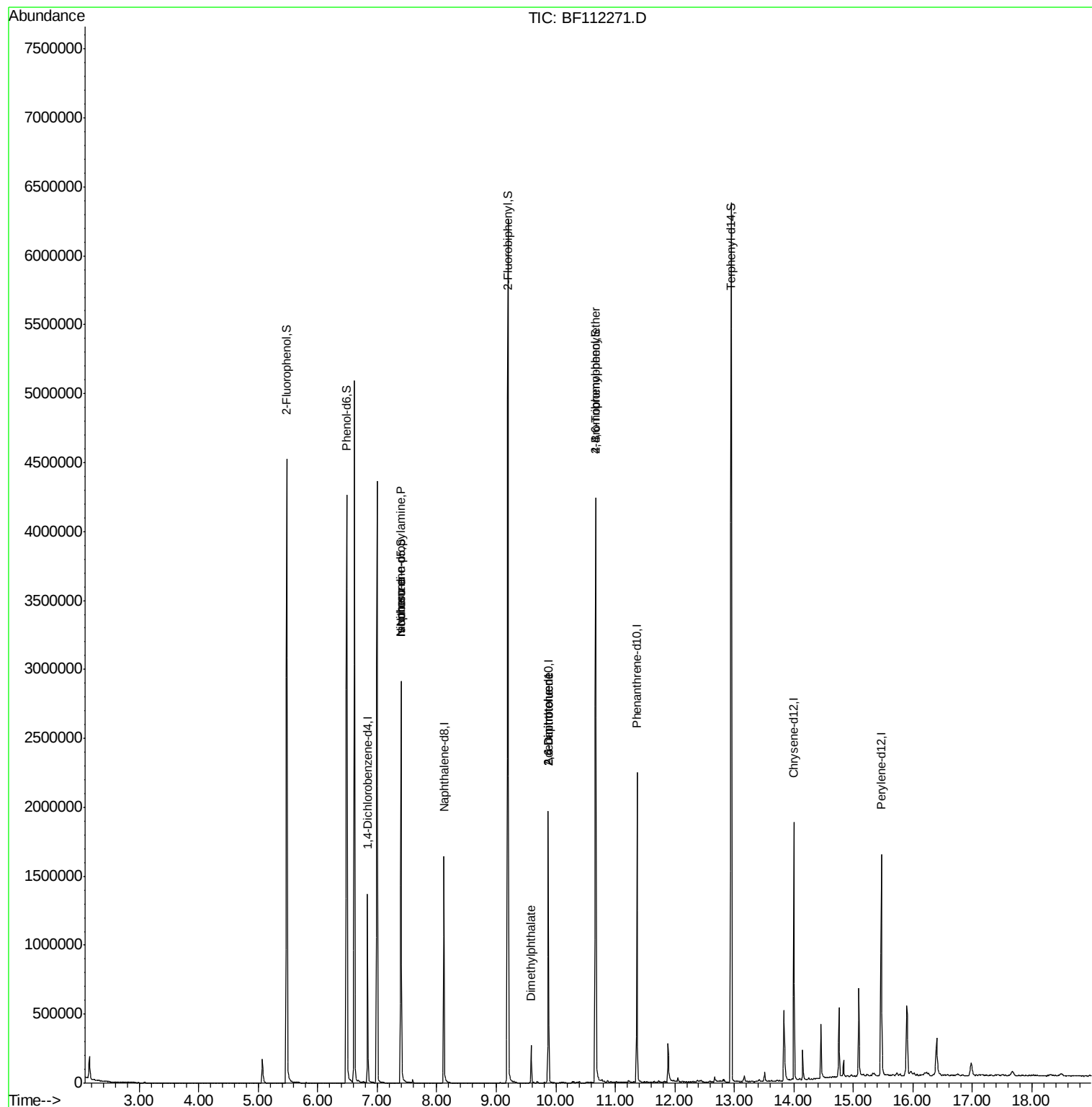
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	201835	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	809329	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	408438	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	817017	20.00	ng	0.00
76) Chrysene-d12	14.00	240	641854	20.00	ng	0.00
87) Perylene-d12	15.47	264	496762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1311672	138.04	ng	0.00
7) Phenol-d6	6.49	99	1650164	124.98	ng	0.00
23) Nitrobenzene-d5	7.40	82	1058281	75.34	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	580100	122.02	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2149935	74.45	ng	0.00
79) Terphenyl-d14	12.94	244	2328904	68.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	142715	15.675	ng	# 76
25) Isophorone	7.40	82	1050360	47.667	ng	# 63
50) Dimethylphthalate	9.59	163	114950	3.622	ng	99
51) 2,6-Dinitrotoluene	9.87	165	51964	7.312	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	51964	5.743	ng	# 32
67) 4-Bromophenyl-phenylether	10.67	248	35465	3.691	ng	# 1

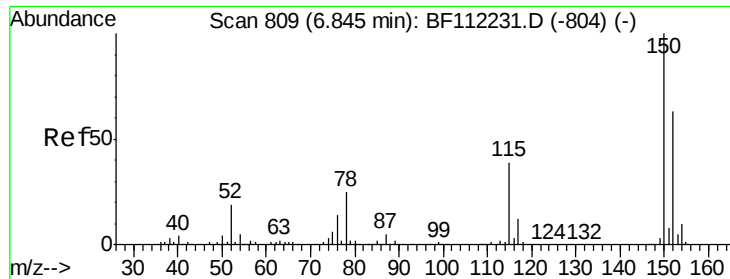
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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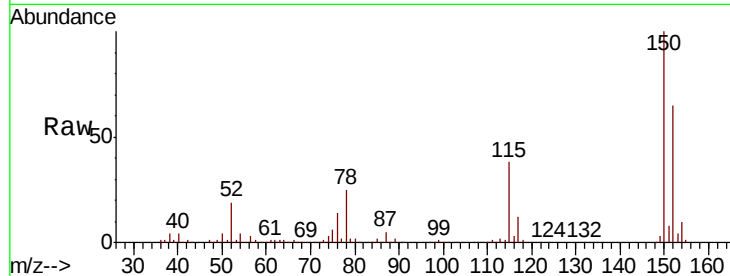


#1

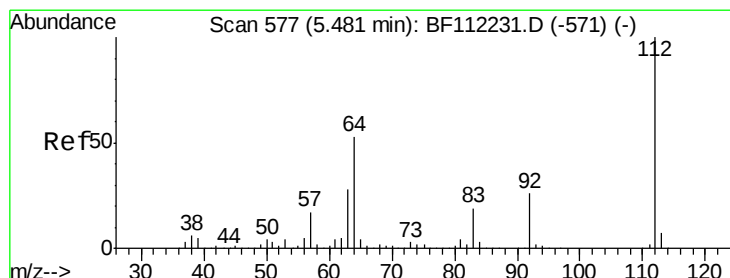
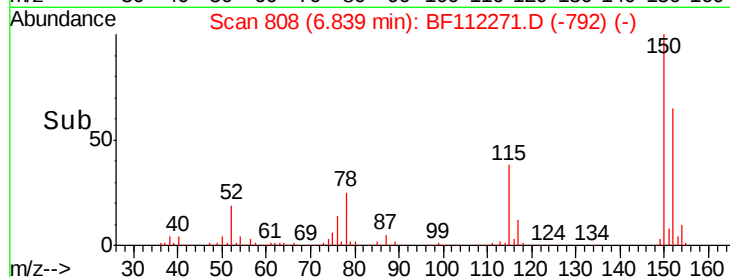
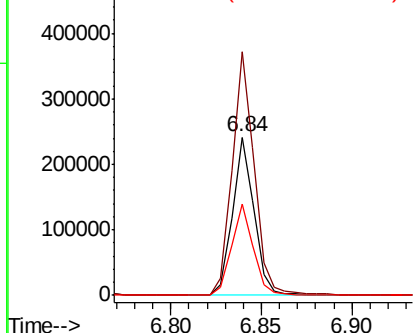
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112271.D
Acq: 28 Jan 2019 13:40

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:152 Resp: 201835
Ion Ratio Lower Upper
152 100
150 154.0 127.4 191.0
115 58.1 45.5 68.3



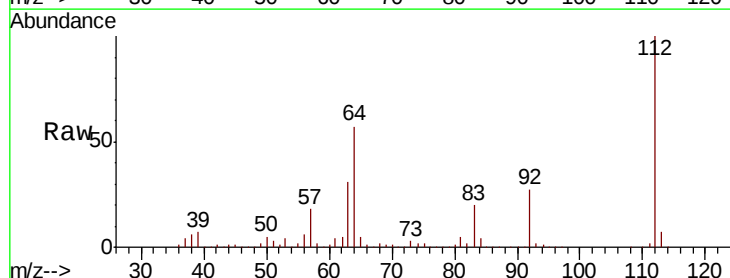
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



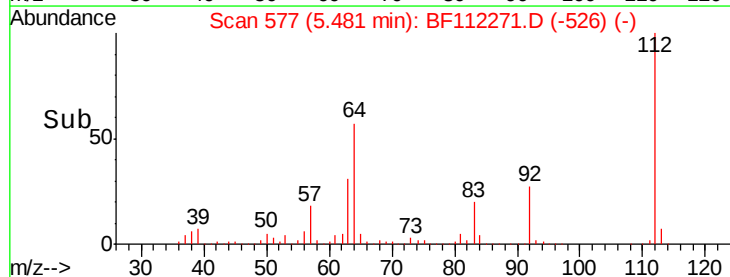
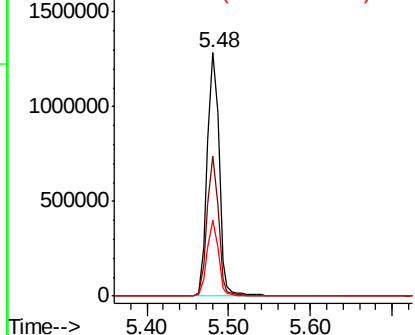
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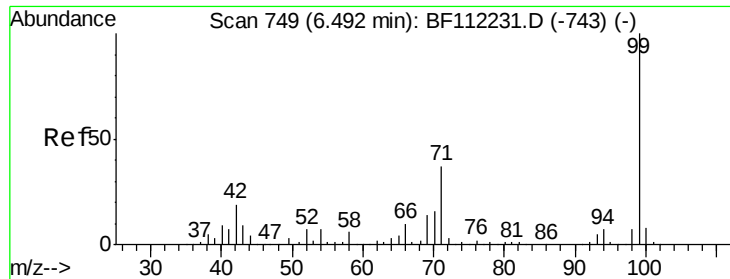
2-Fluorophenol
Concen: 138.037 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF112271.D
Acq: 28 Jan 2019 13:40

Tgt Ion:112 Resp: 1311672
Ion Ratio Lower Upper
112 100
64 57.4 45.7 68.5
63 31.0 23.6 35.4



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: 124.975 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112271.D

Acq: 28 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

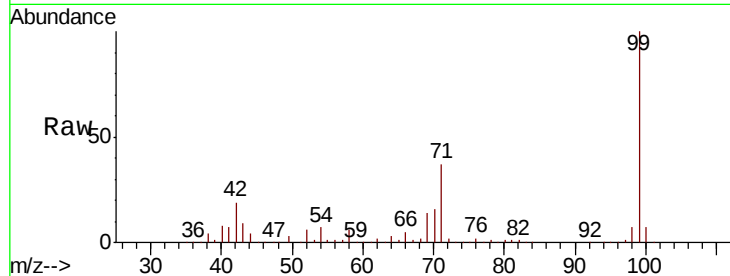
Tot Ion: 99 Resp: 1650164

Ion Ratio Lower Upper

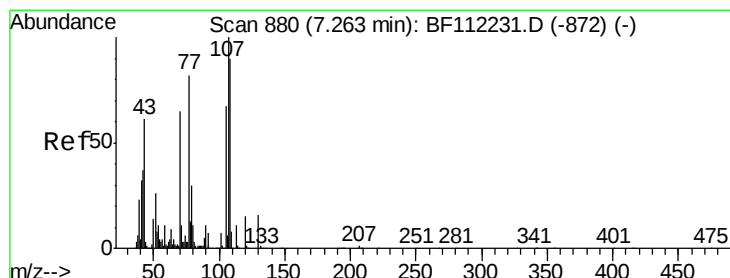
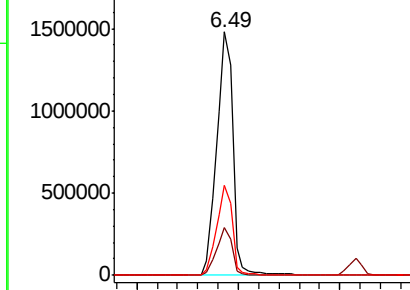
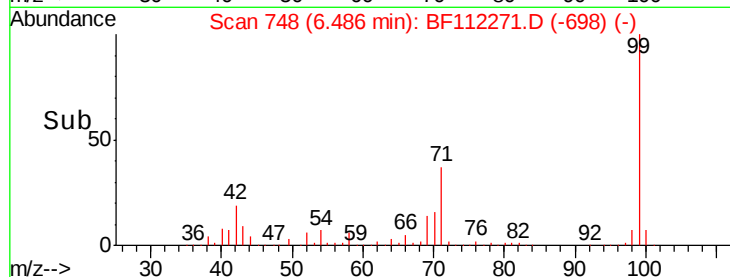
99 100

42 19.5 15.1 22.7

71 37.1 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.675 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF112271.D

Acq: 28 Jan 2019 13:40

Tgt Ion: 70 Resp: 142715

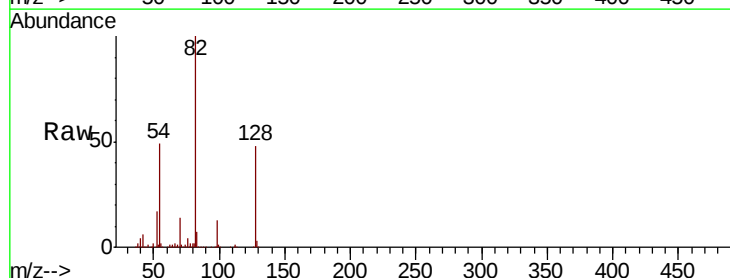
Ion Ratio Lower Upper

70 100

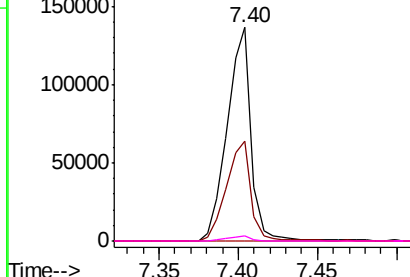
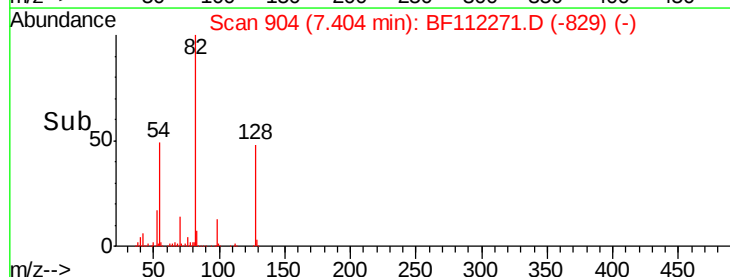
42 46.9 47.6 71.4#

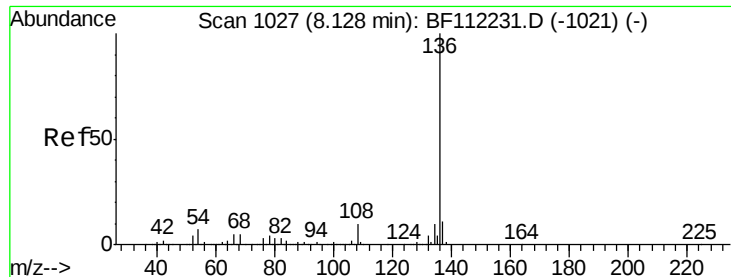
101 0.0 7.9 11.9#

130 2.3 18.4 27.6#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112271.D

Acq: 28 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:136 Resp: 809329

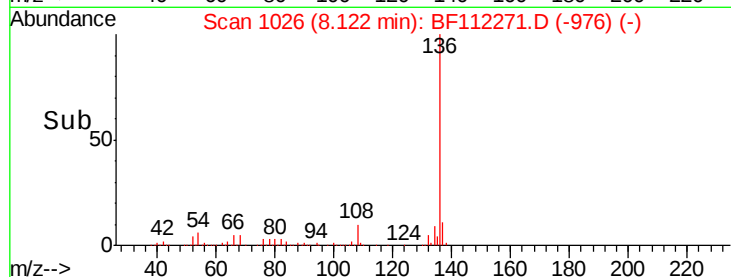
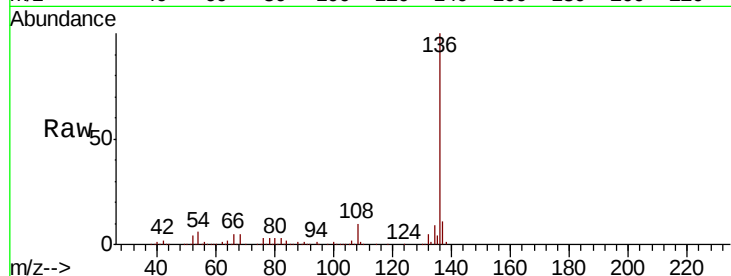
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.4 5.9 8.9

68 5.3 5.1 7.7

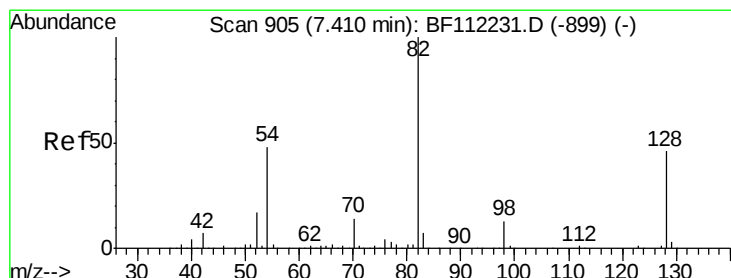
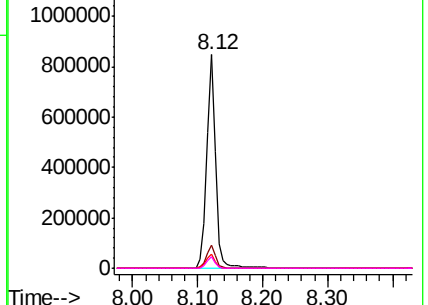


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 75.344 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF112271.D

Acq: 28 Jan 2019 13:40

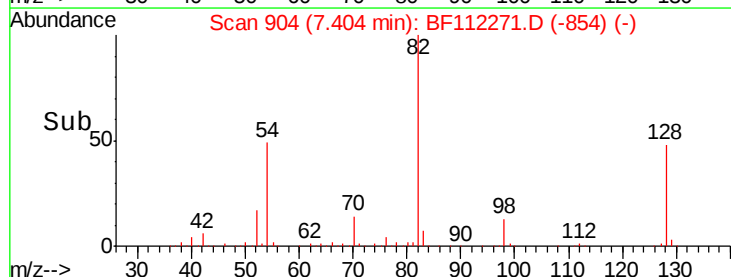
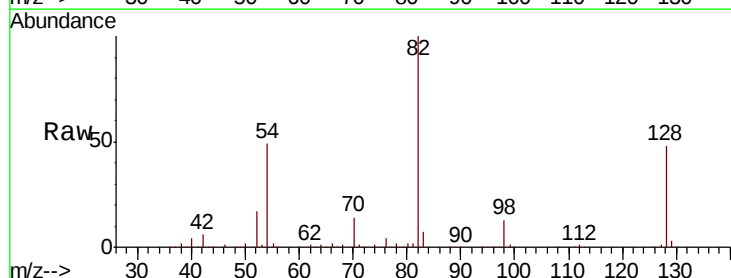
Tgt Ion: 82 Resp: 1058281

Ion Ratio Lower Upper

82 100

128 48.0 37.8 56.8

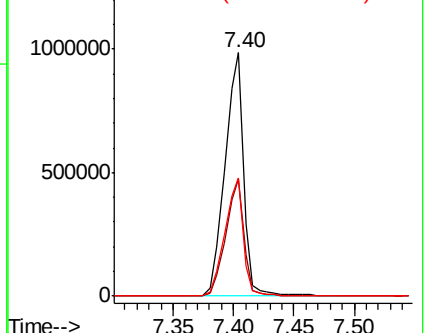
54 48.7 39.7 59.5

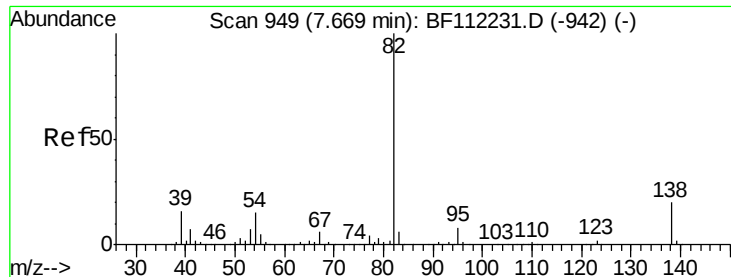


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.667 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF112271.D

Acq: 28 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

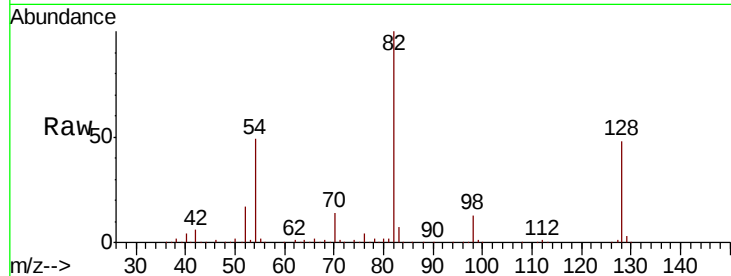
Tot Ion: 82 Resp: 1050360

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

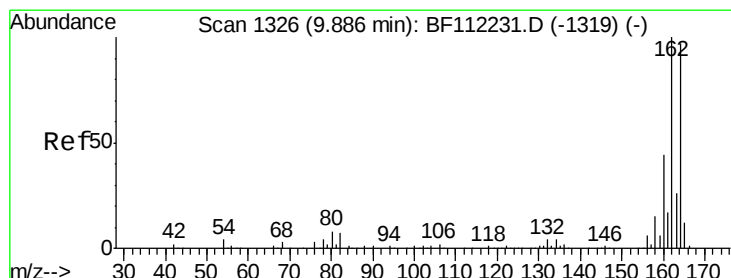
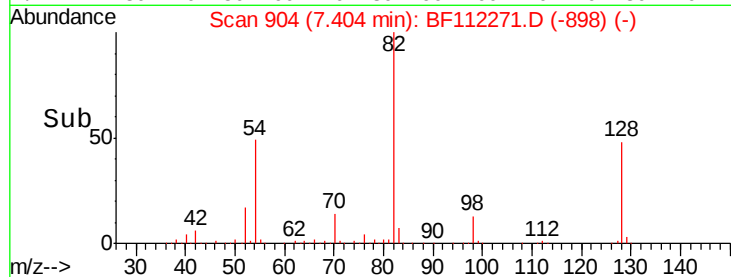
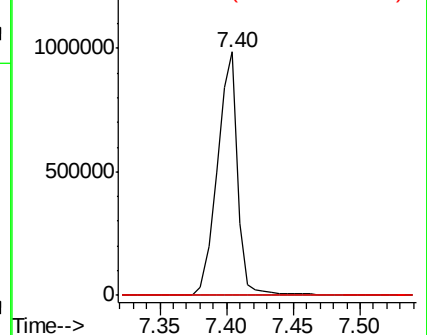
138 0.0 15.4 23.0#



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112271.D

Acq: 28 Jan 2019 13:40

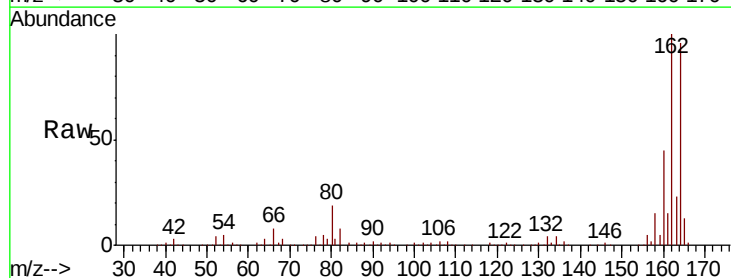
Tgt Ion:164 Resp: 408438

Ion Ratio Lower Upper

164 100

162 104.4 82.2 123.4

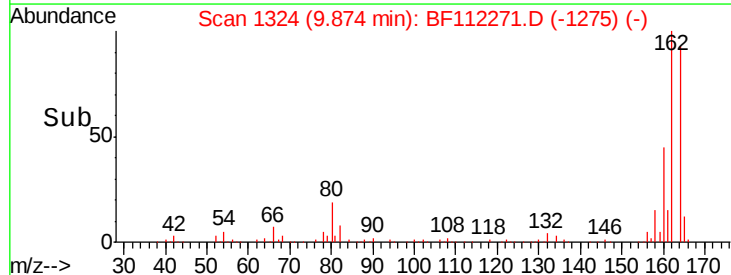
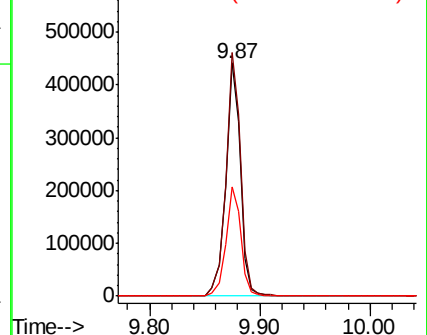
160 47.0 36.2 54.4

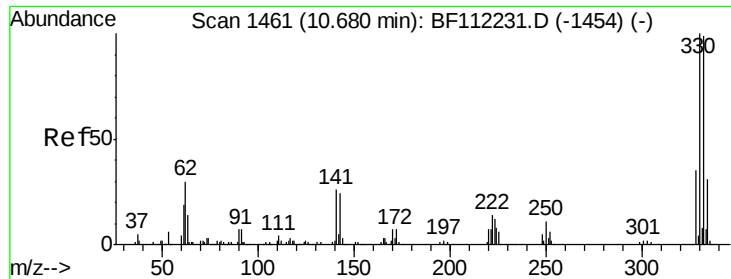


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 122.021 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112271.D

Acq: 28 Jan 2019 13:40

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA01-BB01-AA01A-AA0

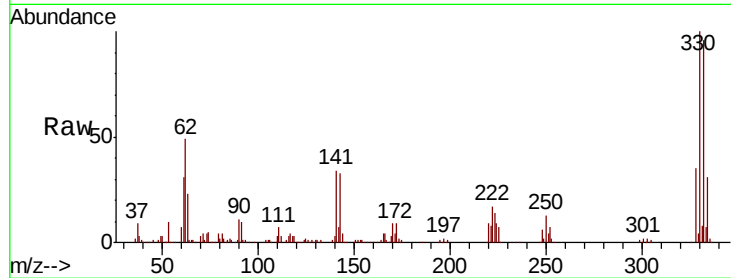
Tot Ion:330 Resp: 580100

Ion Ratio Lower Upper

330 100

332 95.3 76.6 114.8

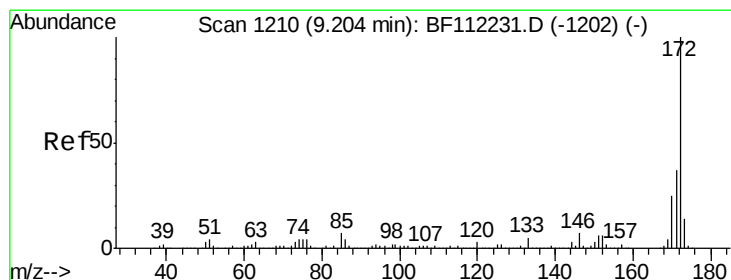
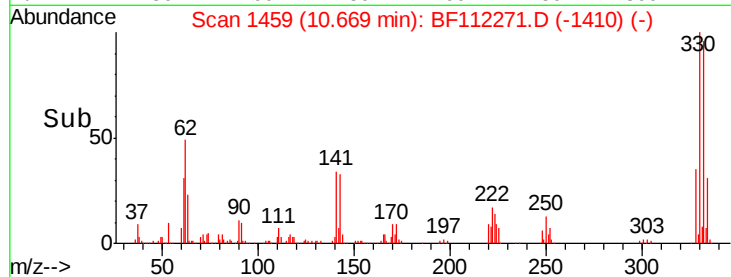
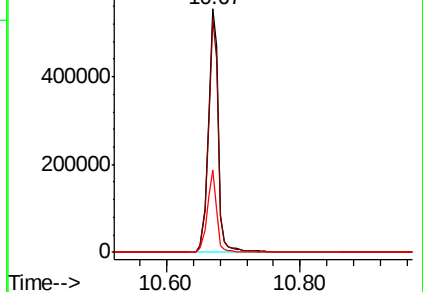
141 31.4 24.3 36.5



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: 74.448 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF112271.D

Acq: 28 Jan 2019 13:40

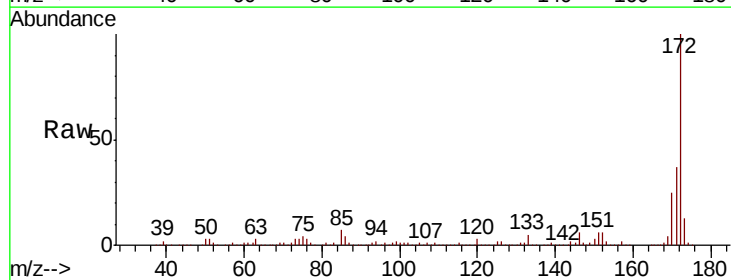
Tgt Ion:172 Resp: 2149935

Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

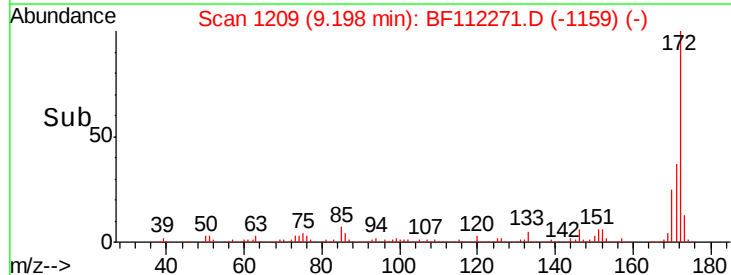
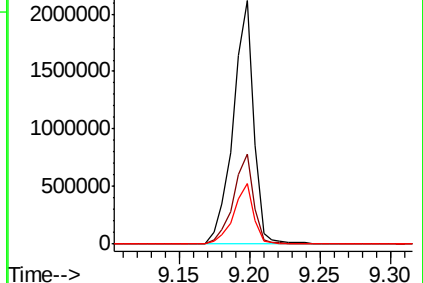
170 24.8 20.2 30.4

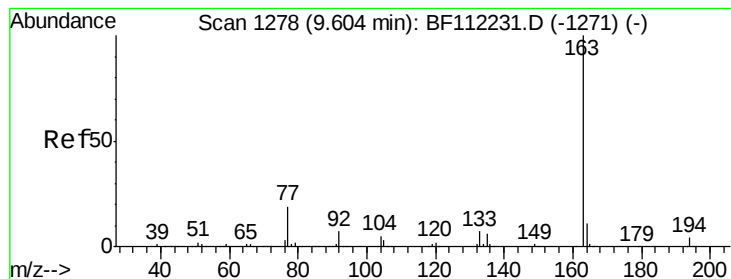


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.622 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112271.D

Acq: 28 Jan 2019 13:40

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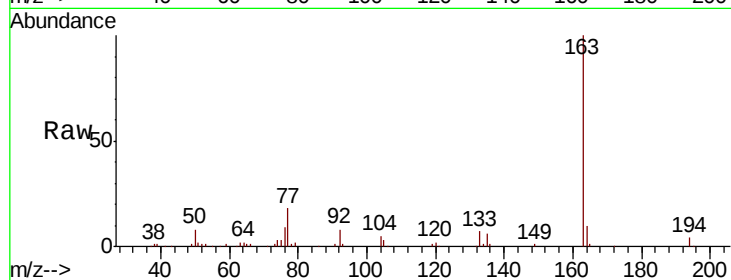
Tot Ion:163 Resp: 114950

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

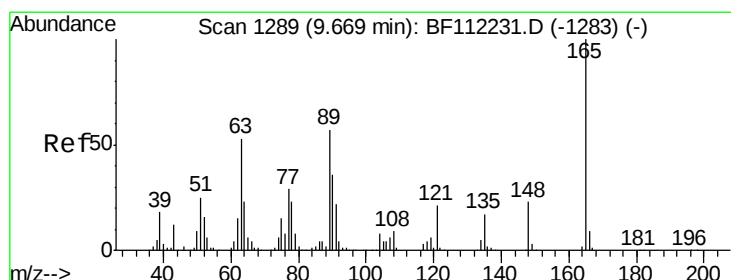
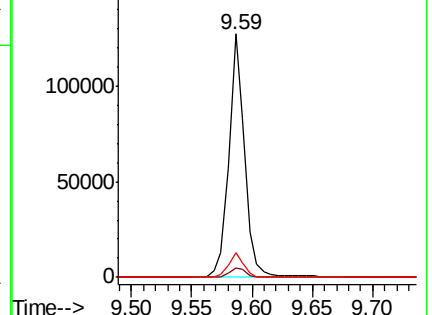
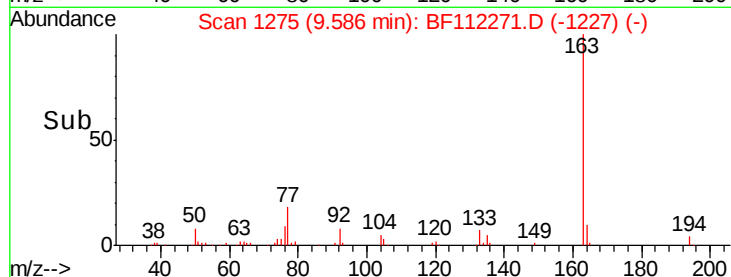
164 10.0 8.5 12.7



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



#51

2,6-Dinitrotoluene

Concen: 7.312 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112271.D

Acq: 28 Jan 2019 13:40

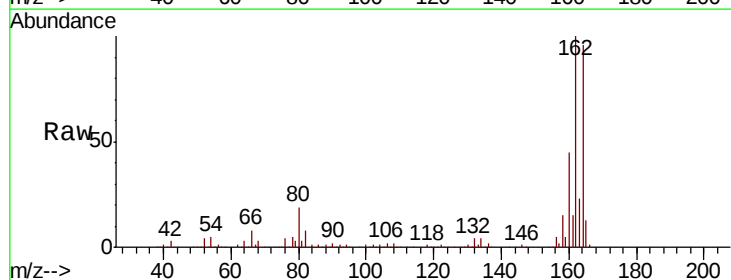
Tgt Ion:165 Resp: 51964

Ion Ratio Lower Upper

165 100

63 1.3 33.8 50.8#

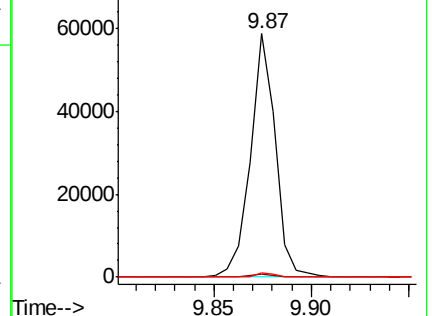
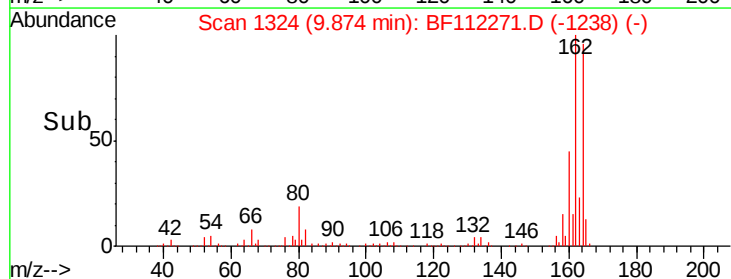
89 1.5 36.9 55.3#

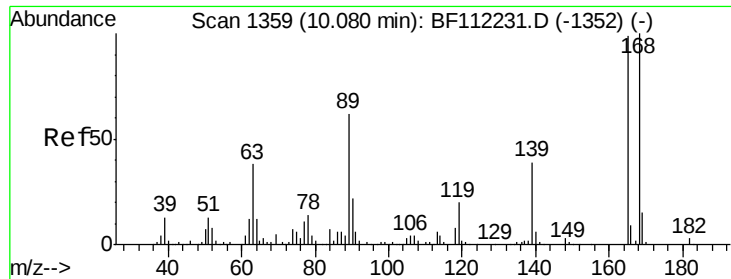


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

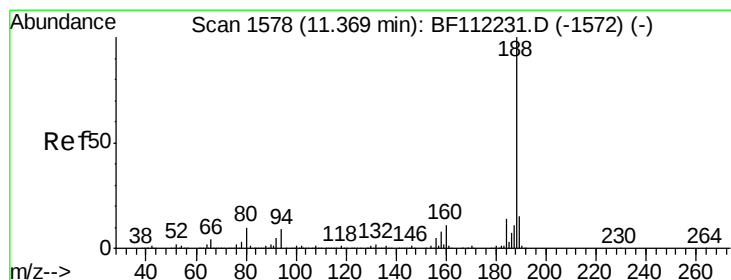
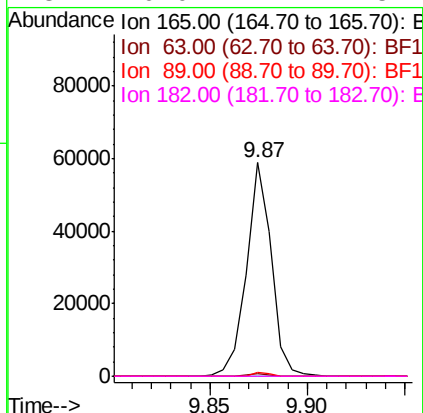
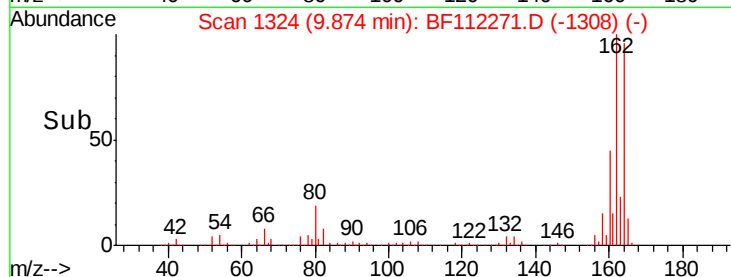
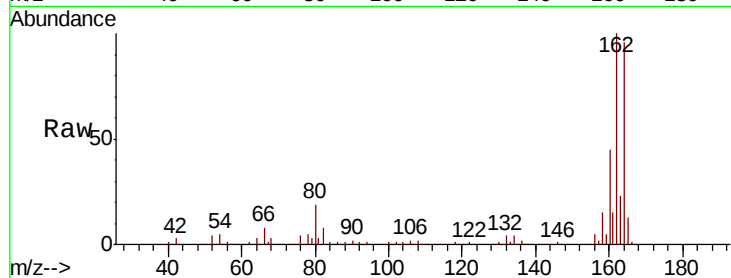




#57
 2,4-Dinitrotoluene
 Concen: 5.743 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF112271.D
 Acq: 28 Jan 2019 13:40

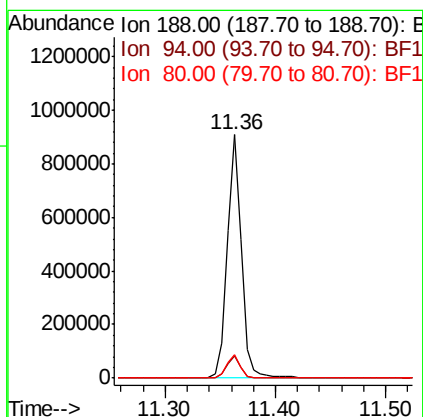
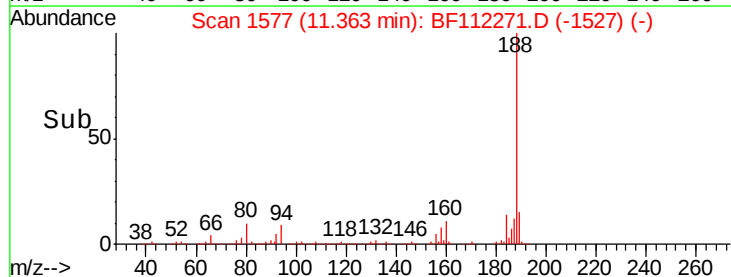
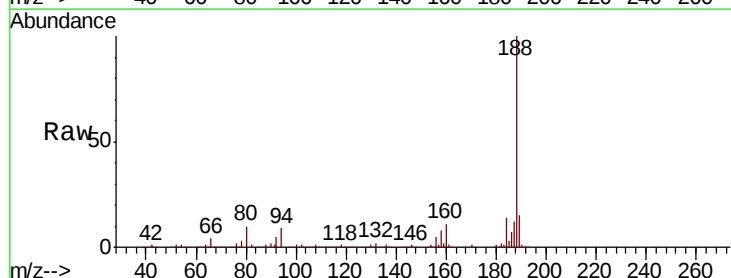
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

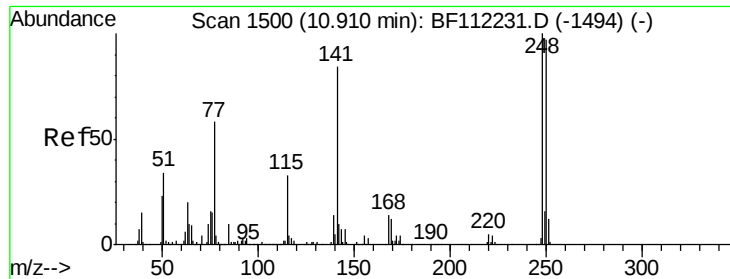
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.9	41.9#
89	1.5	47.9	71.9#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF112271.D
 Acq: 28 Jan 2019 13:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.8	8.9	13.3

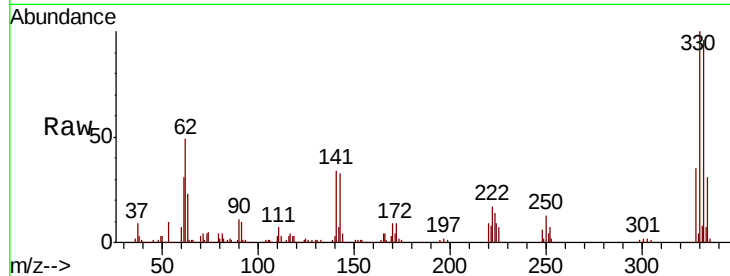




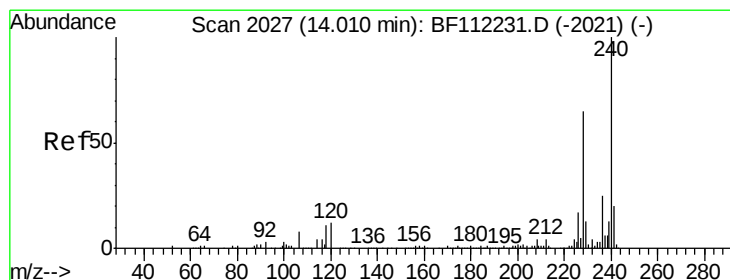
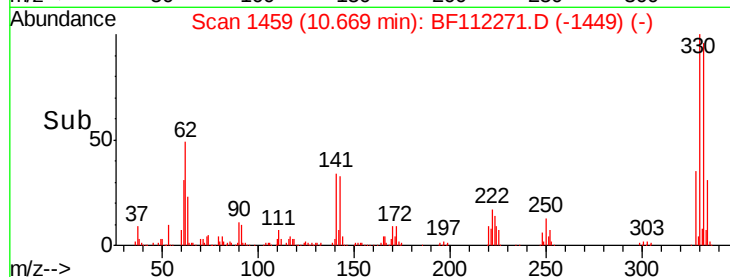
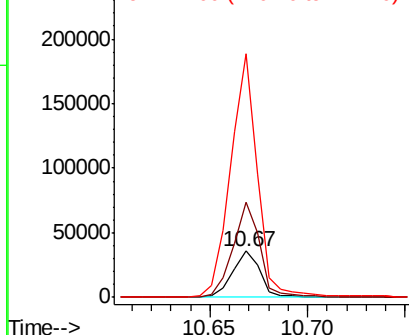
#67
 4-Bromophenyl-phenylether
 Concen: 3.691 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.24 min
 Lab File: BF112271.D
 Acq: 28 Jan 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:248 Resp: 35465
 Ion Ratio Lower Upper
 248 100
 250 205.4 79.7 119.5#
 141 524.8 60.3 90.5#

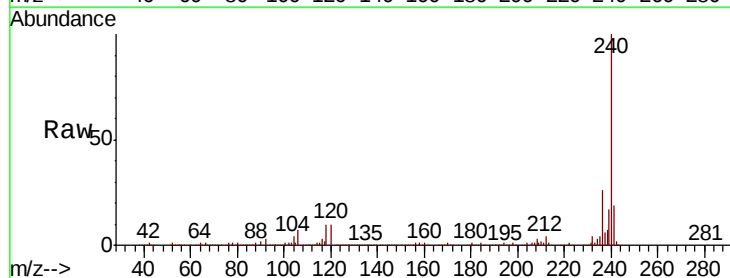


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

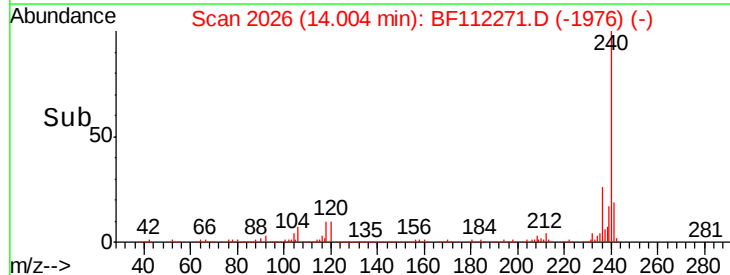
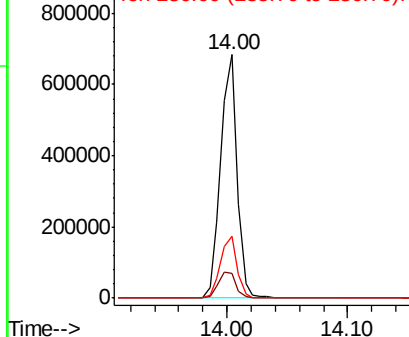


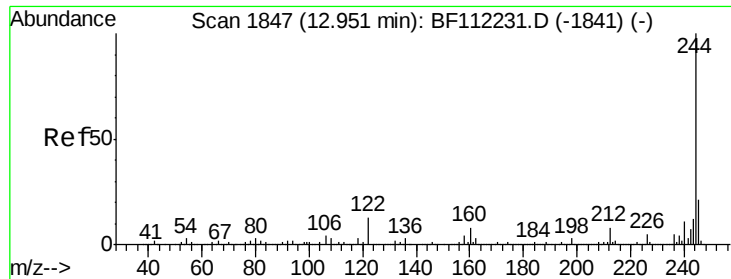
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112271.D
 Acq: 28 Jan 2019 13:40

Tgt Ion:240 Resp: 641854
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.0 13.6
 236 25.6 20.7 31.1



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

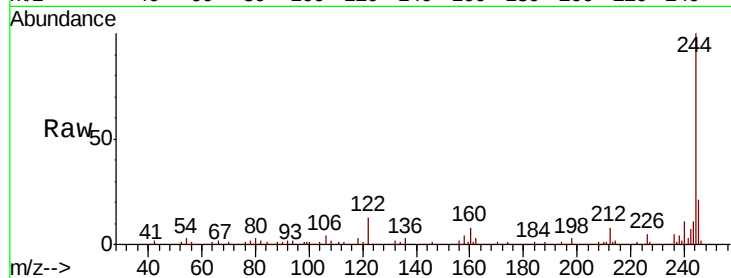




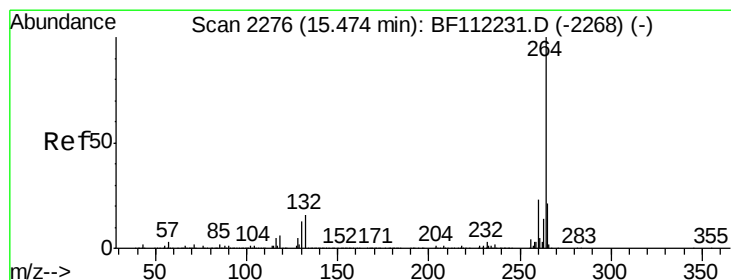
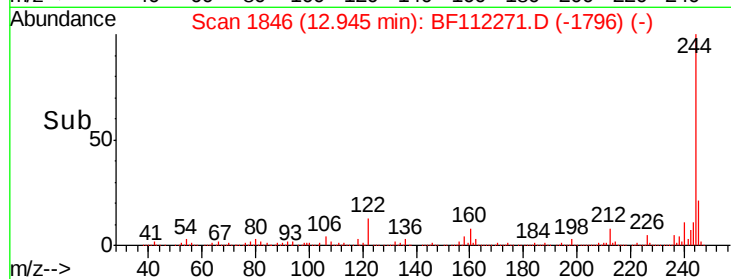
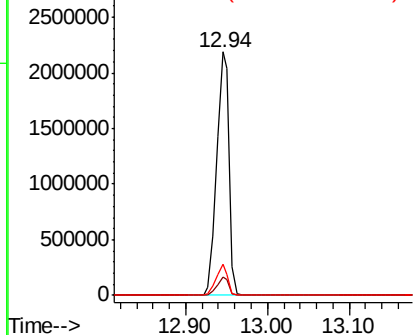
#79
 Terphenyl-d14
 Concen: 68.339 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112271.D
 Acq: 28 Jan 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA01-BB01-AA01A-AA0

Tot Ion:244 Resp: 2328904
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 12.9 9.8 14.6

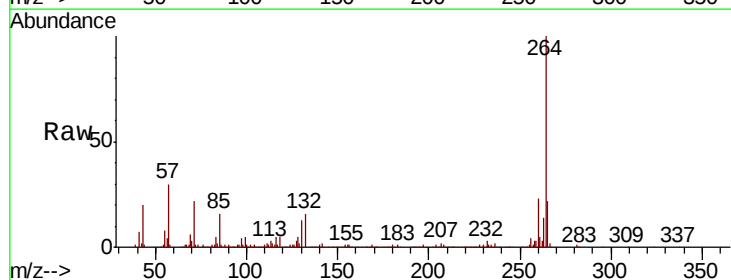


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112271.D
 Acq: 28 Jan 2019 13:40

Tgt Ion:264 Resp: 496762
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 21.6 17.0 25.4



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

