

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112379.D
 Acq On : 4 Feb 2019 14:52
 Operator : JU/SJ
 Sample : K1284-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-004-ABCD

Quant Time: Feb 04 15:56:37 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

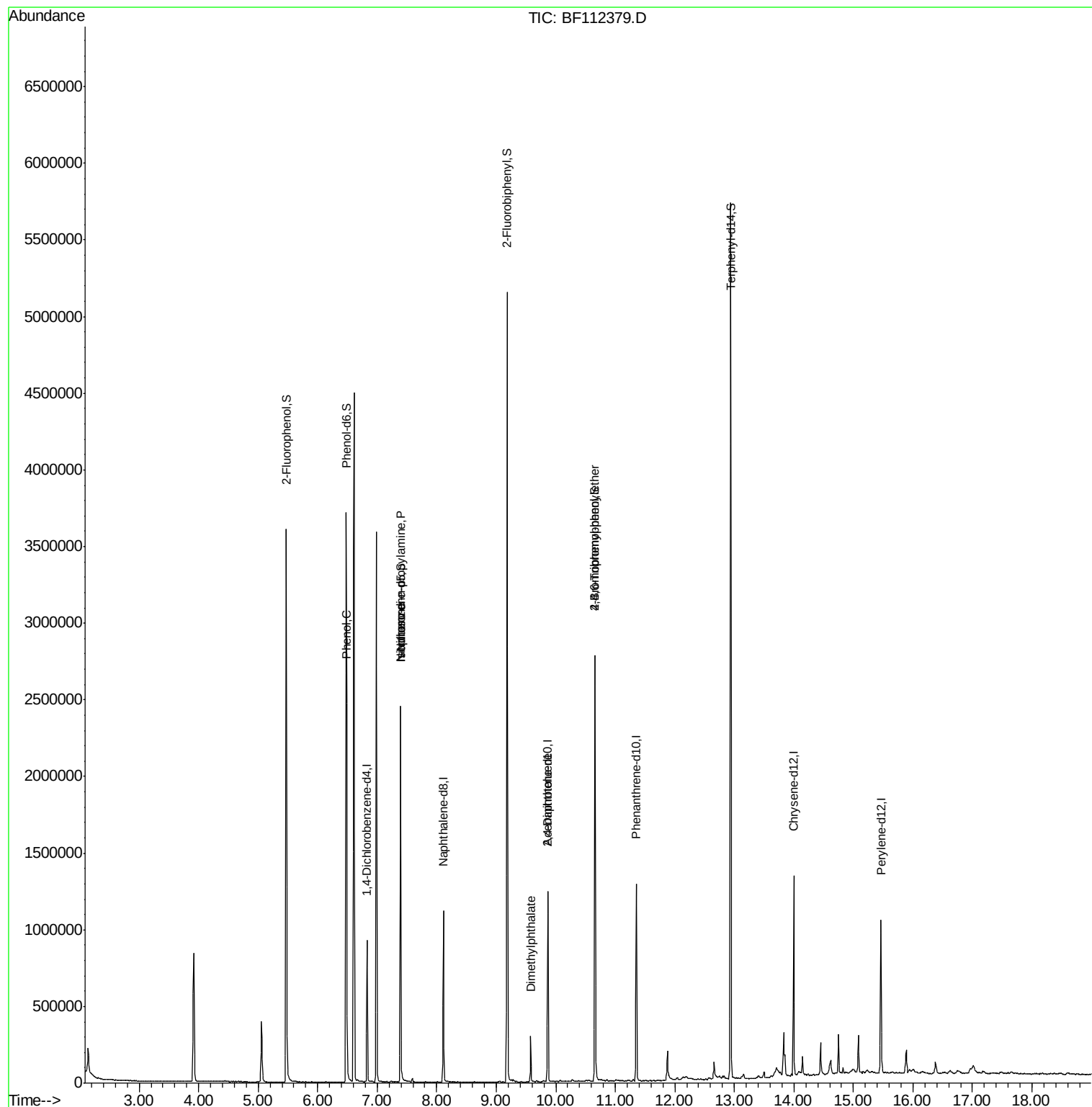
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	141311	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	535079	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	258969	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	515579	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	472562	20.00	ng	-0.01
87) Perylene-d12	15.46	264	386342	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1079338	162.24	ng	0.00
7) Phenol-d6	6.48	99	1390705	150.44	ng	-0.01
23) Nitrobenzene-d5	7.39	82	879029	94.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	386057	128.07	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1649484	90.09	ng	-0.02
79) Terphenyl-d14	12.94	244	1844390	73.51	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	21115	2.082	ng	94
19) n-Nitroso-di-n-propylamine	7.39	70	117936	18.501	ng	# 77
25) Isophorone	7.39	82	879023	60.338	ng	# 63
50) Dimethylphthalate	9.58	163	123965	6.161	ng	98
57) 2,4-Dinitrotoluene	9.87	165	33598	5.857	ng	# 33
67) 4-Bromophenyl-phenylether	10.66	248	23004	3.794	ng	# 1

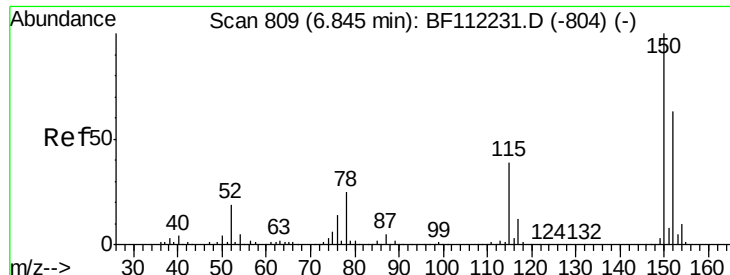
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF112379.D

Acq: 4 Feb 2019 14:52

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BNA_F

ClientSampleId :

FK-BPM-03-004-ABCD

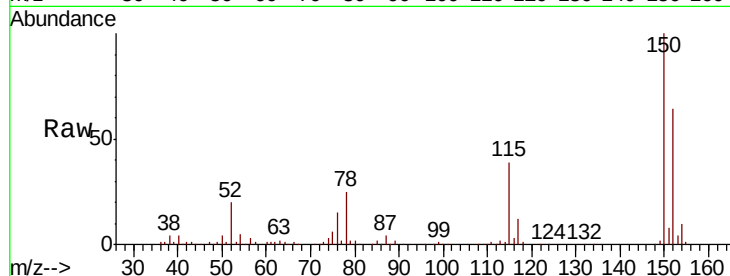
Tot Ion:152 Resp: 141311

Ion Ratio Lower Upper

152 100

150 157.3 127.4 191.0

115 60.9 45.5 68.3

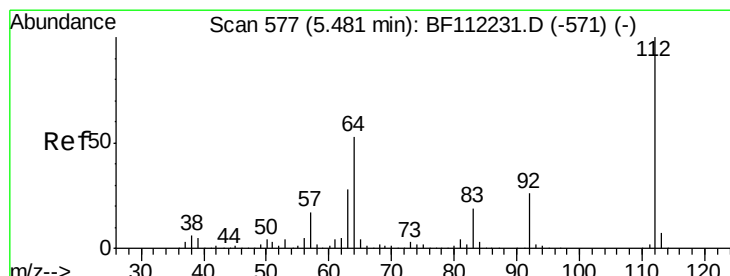
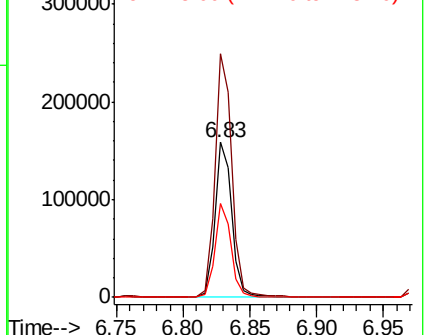
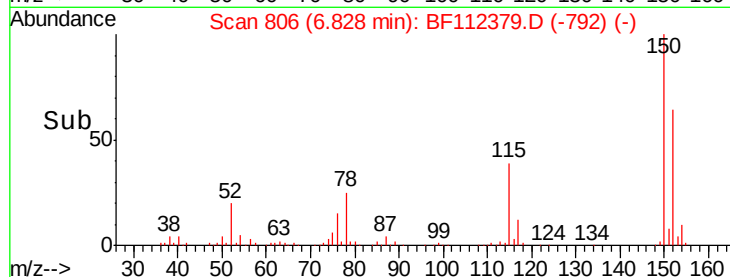


Abundance

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



#5

2-Fluorophenol

Concen: 162.237 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112379.D

Acq: 4 Feb 2019 14:52

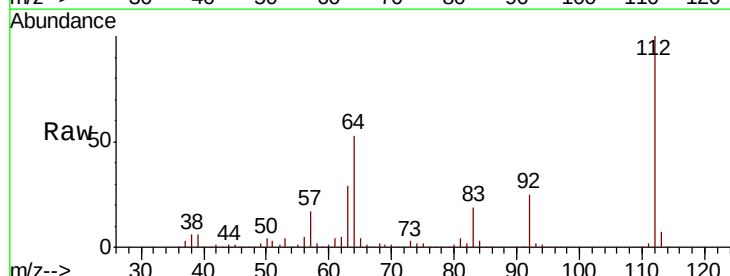
Tgt Ion:112 Resp: 1079338

Ion Ratio Lower Upper

112 100

64 53.0 45.7 68.5

63 28.8 23.6 35.4

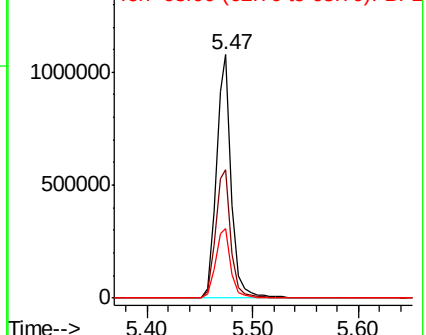
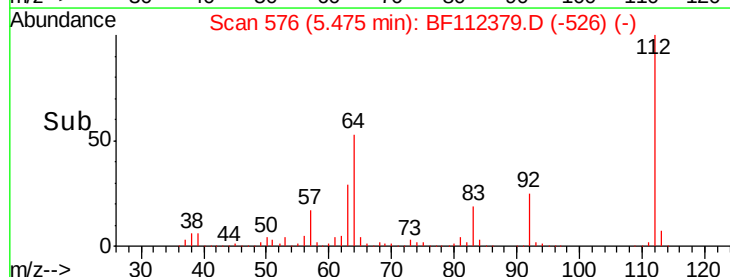


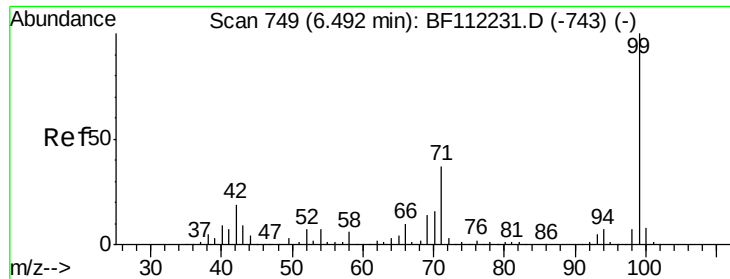
Abundance

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: 150.436 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112379.D

Acq: 4 Feb 2019 14:52

Instrument :

BNA_F

ClientSampleId :

FK-BPM-03-004-ABCD

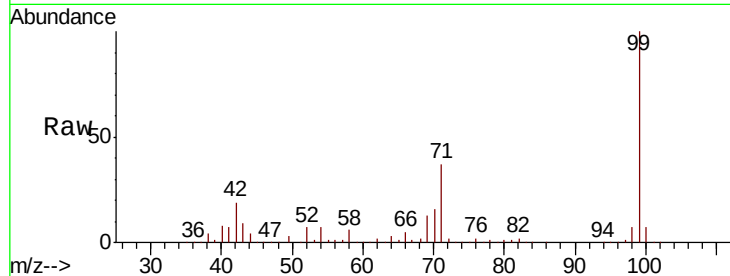
Tot Ion: 99 Resp: 1390705

Ion Ratio Lower Upper

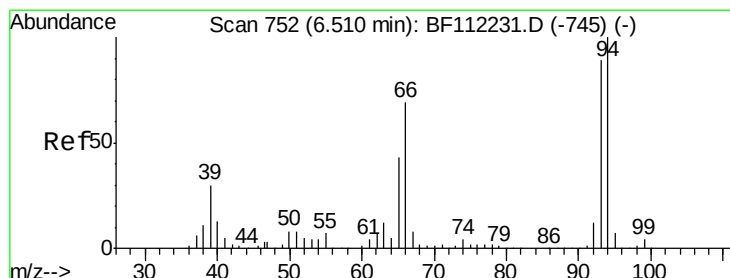
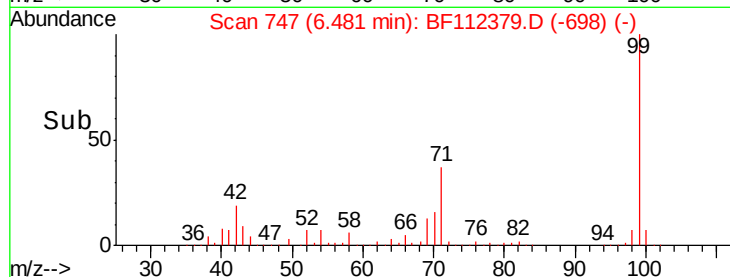
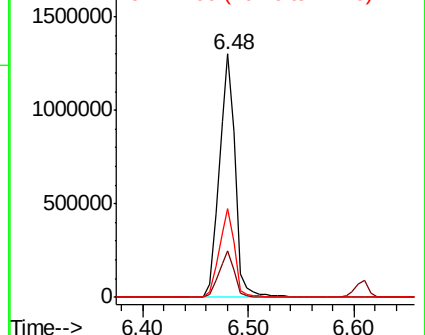
99 100

42 19.4 15.1 22.7

71 36.6 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



#10

Phenol

Concen: 2.082 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112379.D

Acq: 4 Feb 2019 14:52

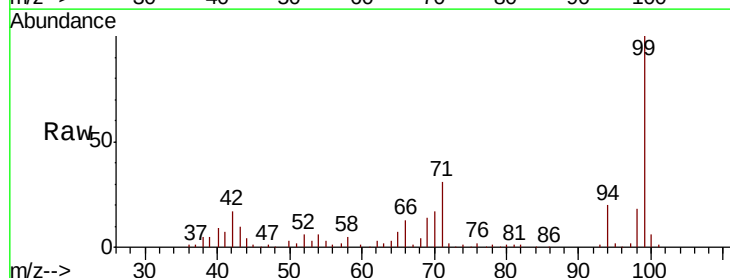
Tgt Ion: 94 Resp: 21115

Ion Ratio Lower Upper

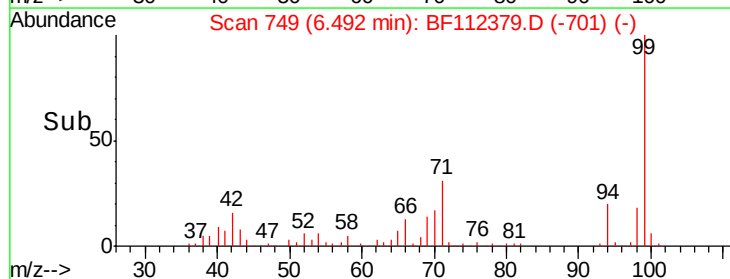
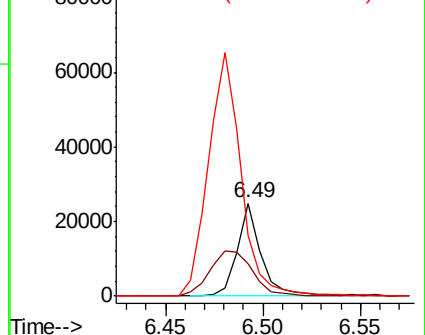
94 100

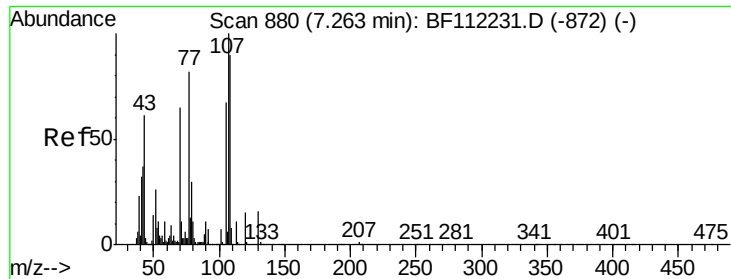
65 34.4 20.3 60.3

66 65.2 42.4 82.4



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

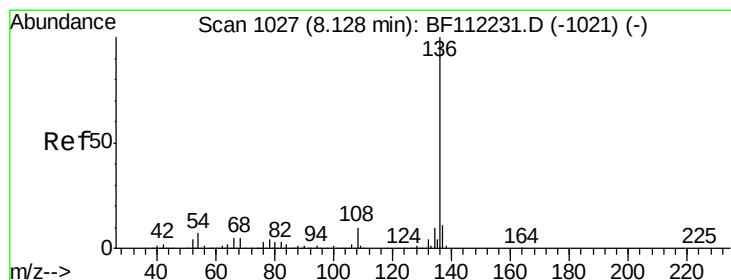
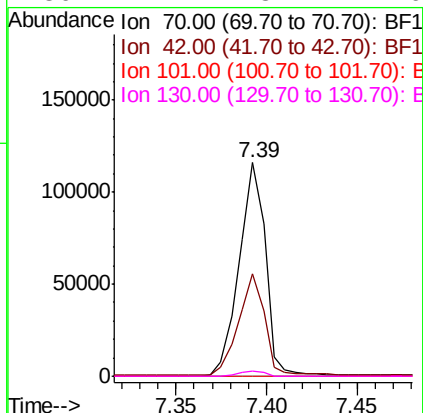
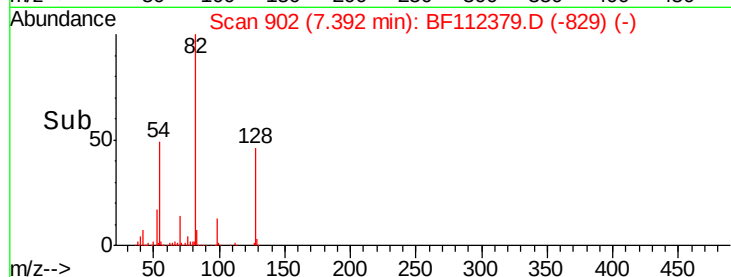
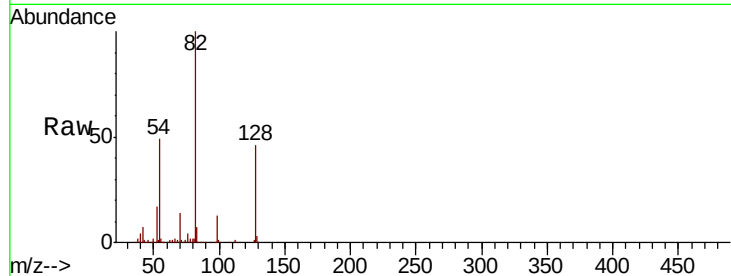




#19
n-Nitroso-di-n-propylamine
Concen: 18.501 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

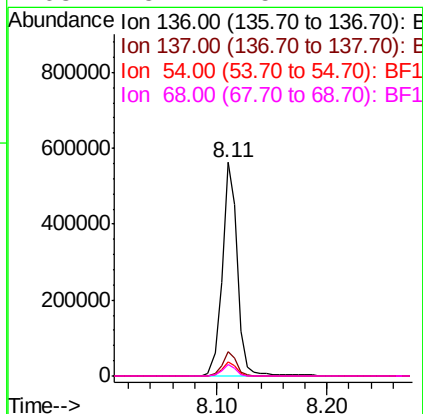
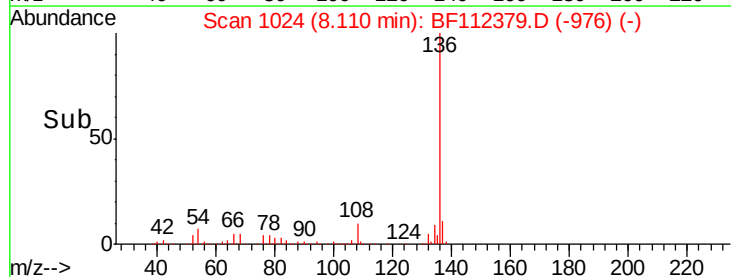
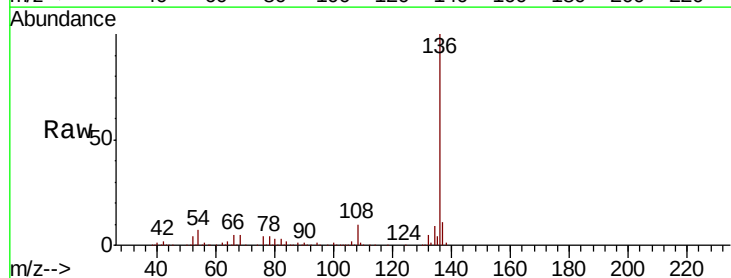
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-004-ABCD

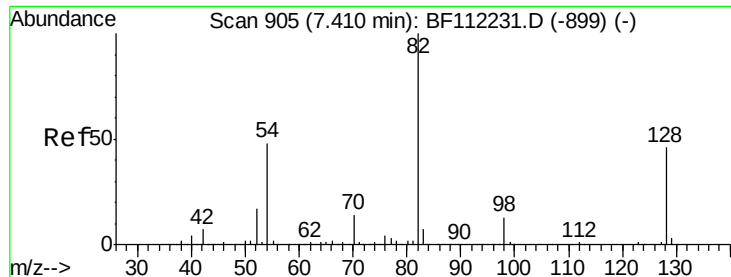
Tot Ion: 70 Resp: 117936
Ion Ratio Lower Upper
70 100
42 47.9 47.6 71.4
101 0.0 7.9 11.9#
130 2.2 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

Tgt Ion: 136 Resp: 535079
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 6.8 5.9 8.9
68 5.4 5.1 7.7

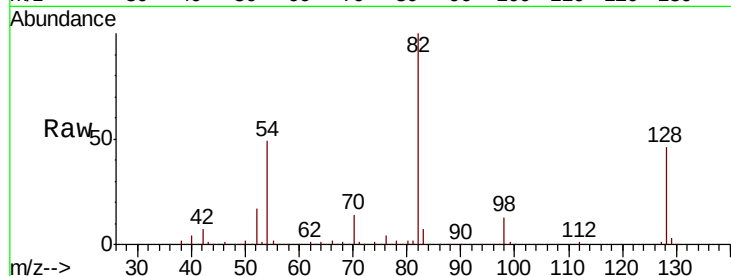




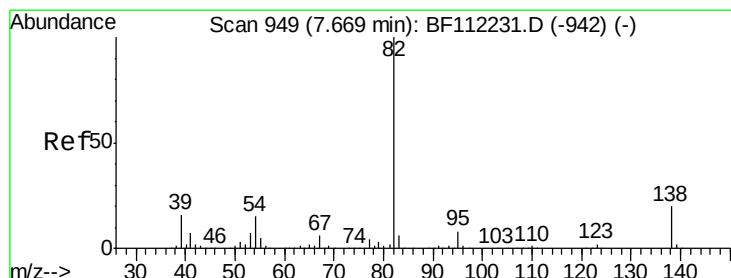
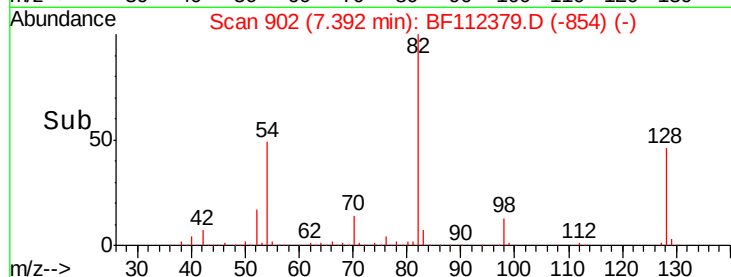
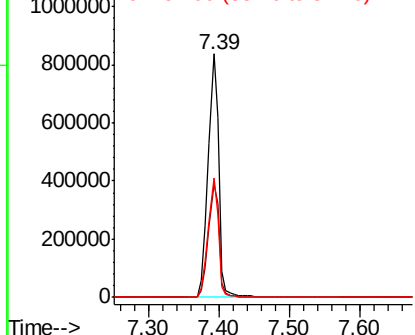
#23
Nitrobenzene-d5
Concen: 94.658 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-004-ABCD

Tot Ion: 82 Resp: 879029
Ion Ratio Lower Upper
82 100
128 46.2 37.8 56.8
54 49.1 39.7 59.5

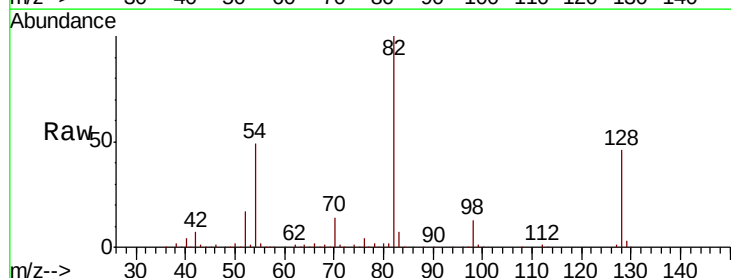


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

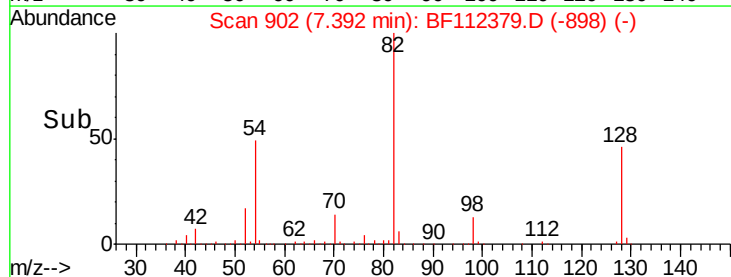
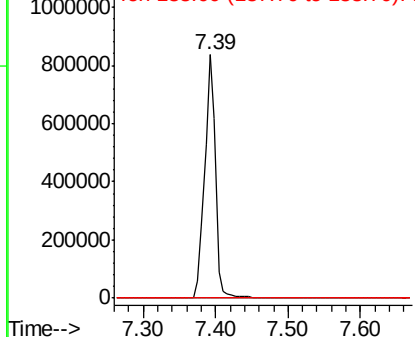


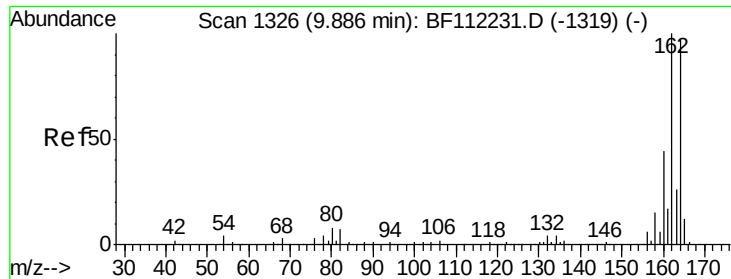
#25
Isophorone
Concen: 60.338 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

Tgt Ion: 82 Resp: 879023
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# 1323

Delta R.T. -0.02 min

Lab File: BF112379.D

Acq: 4 Feb 2019 14:52

Instrument :

BNA_F

ClientSampleId :

FK-BPM-03-004-ABCD

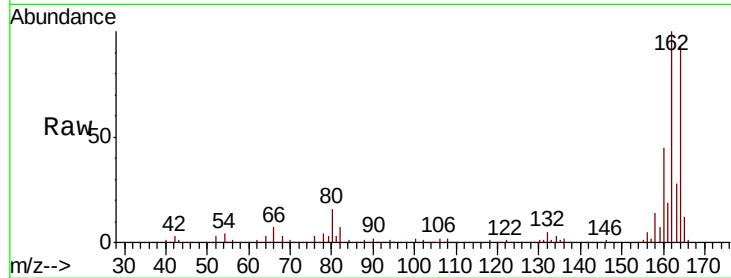
Tot Ion:164 Resp: 258969

Ion Ratio Lower Upper

164 100

162 107.5 82.2 123.4

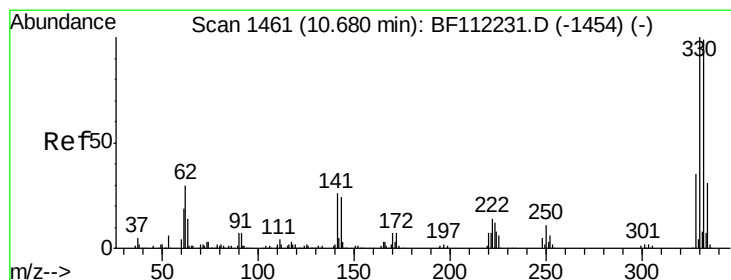
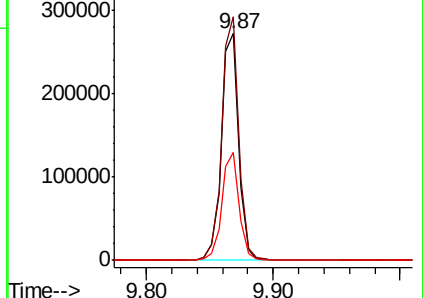
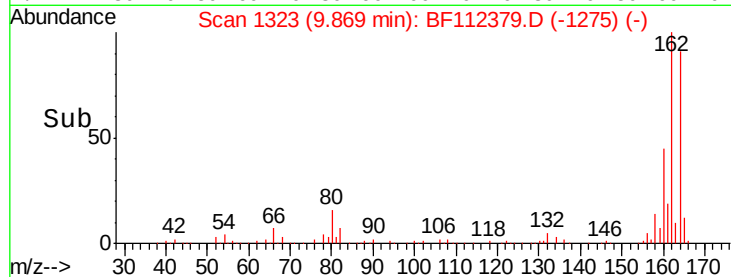
160 47.9 36.2 54.4



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: 128.074 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112379.D

Acq: 4 Feb 2019 14:52

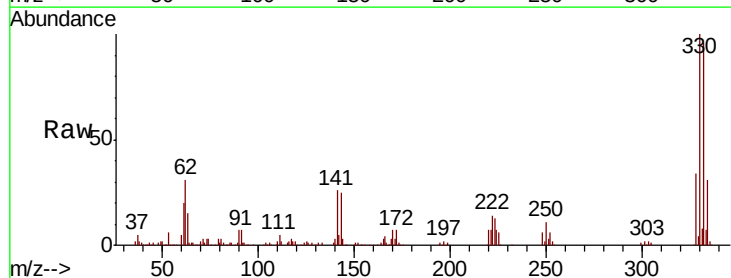
Tgt Ion:330 Resp: 386057

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

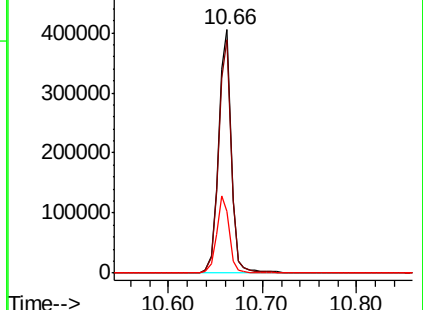
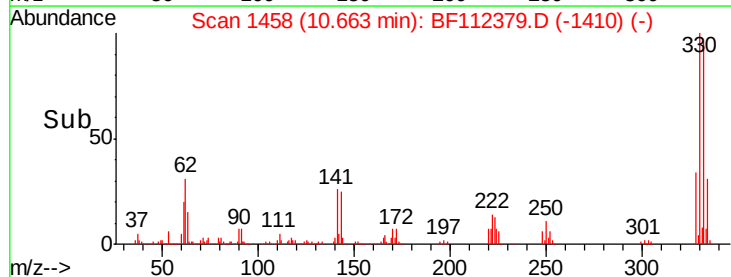
141 32.1 24.3 36.5

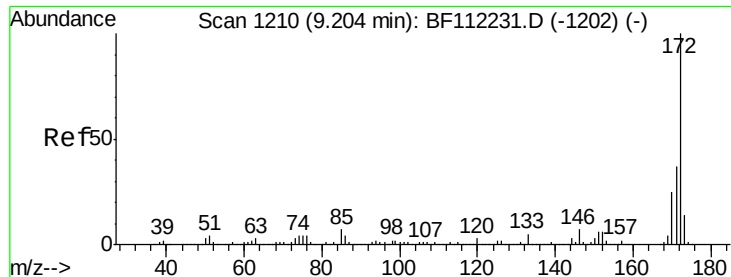


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

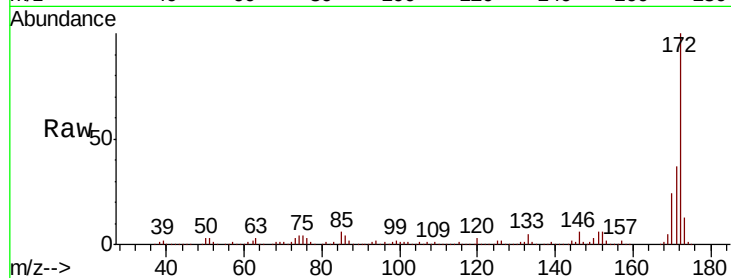




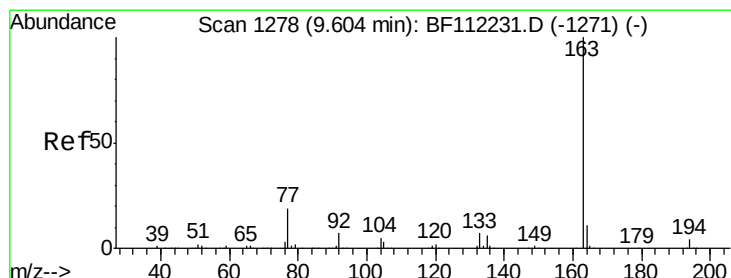
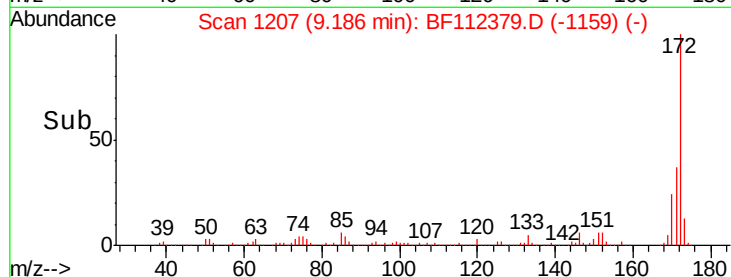
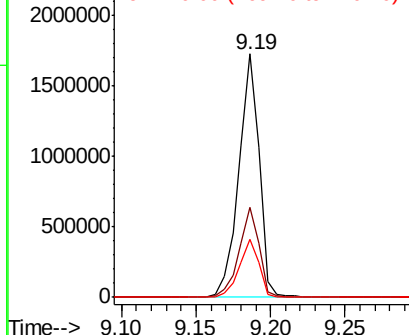
#45
2-Fluorobiphenyl
Concen: 90.085 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

Instrument :
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ClientSampleId :
FK-BPM-03-004-ABCD

Tot Ion:172 Resp: 1649484
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 23.8 20.2 30.4

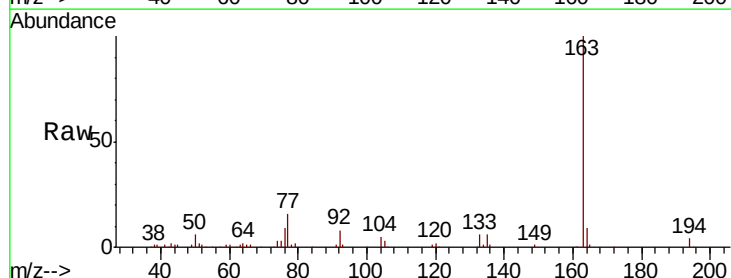


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

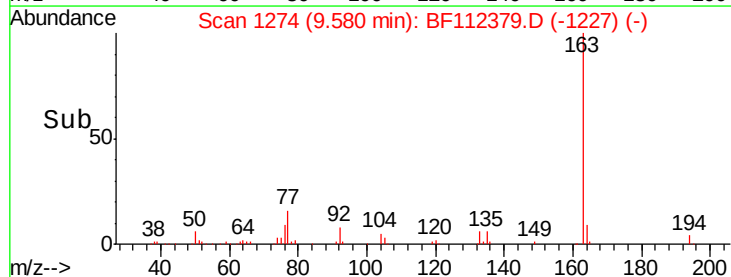
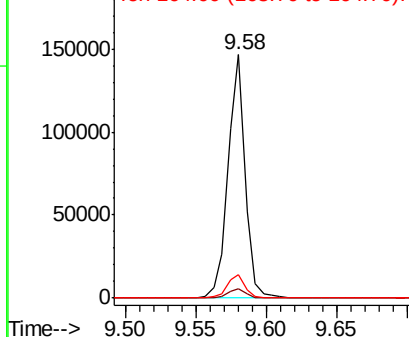


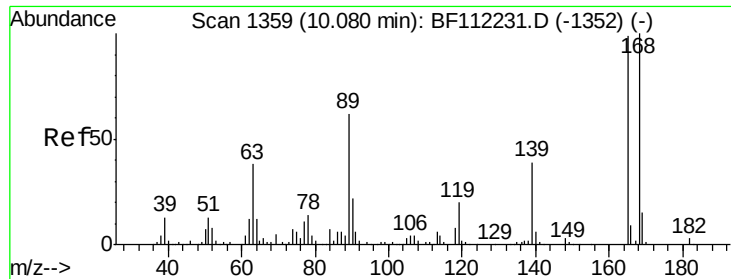
#50
Dimethylphthalate
Concen: 6.161 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112379.D
Acq: 4 Feb 2019 14:52

Tgt Ion:163 Resp: 123965
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.5 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

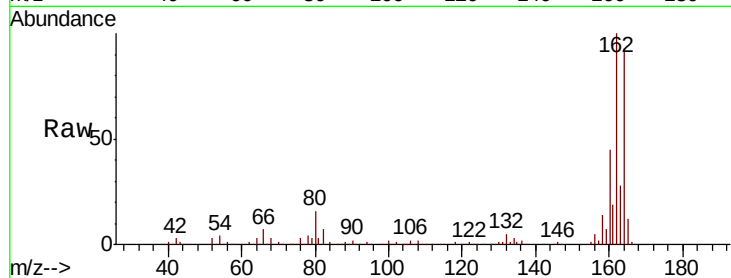




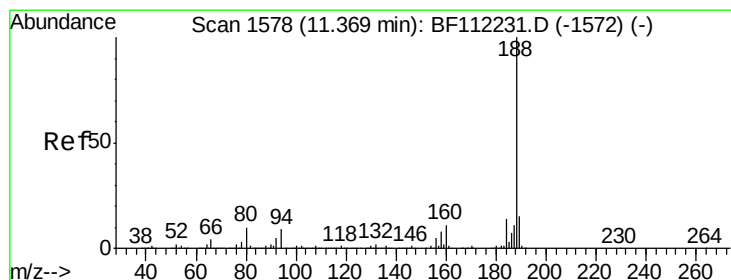
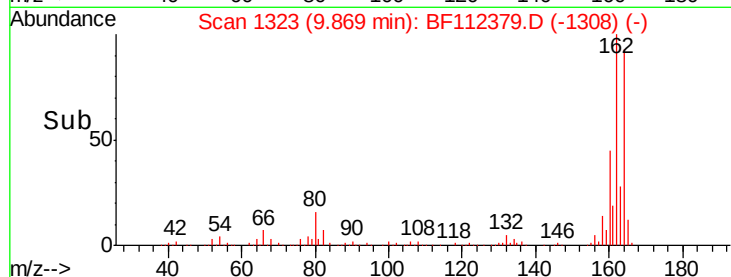
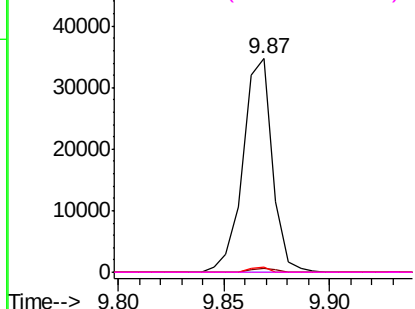
#57
 2,4-Dinitrotoluene
 Concen: 5.857 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112379.D
 Acq: 4 Feb 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-004-ABCD

Tot Ion:	165	Resp:	33598
Ion	Ratio	Lower	Upper
165	100		
63	1.8	27.9	41.9#
89	2.3	47.9	71.9#
182	0.0	2.2	3.4#

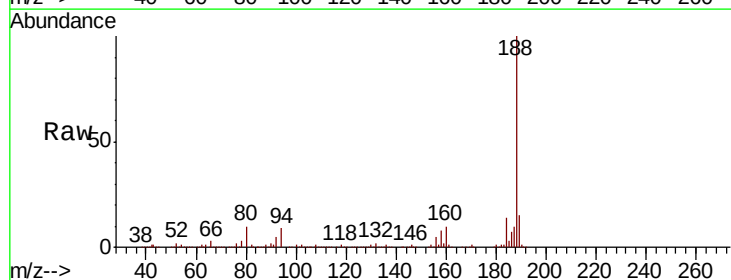


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

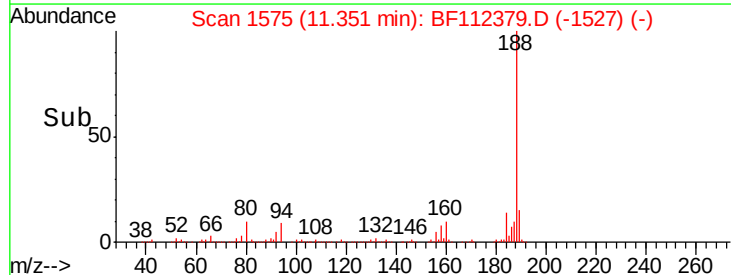
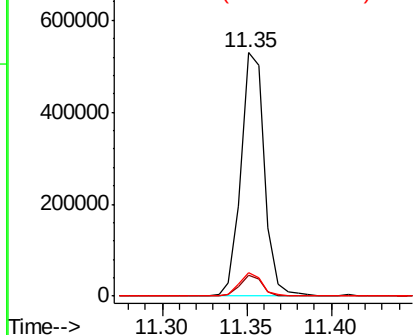


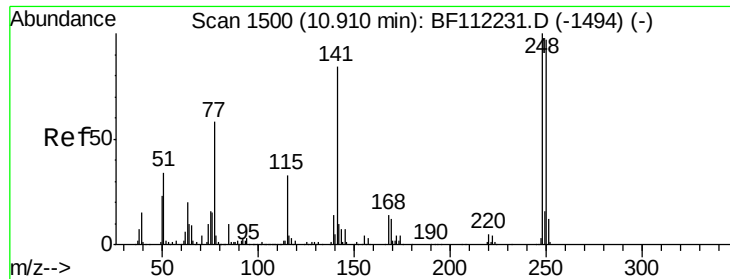
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF112379.D
 Acq: 4 Feb 2019 14:52

Tgt Ion:	188	Resp:	515579
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	9.8	8.9	13.3



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

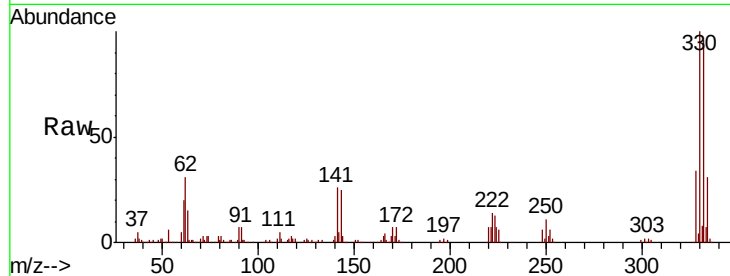




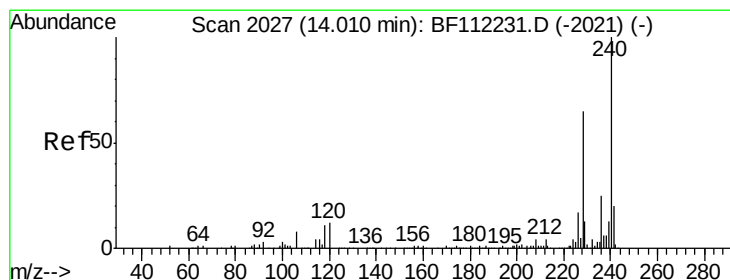
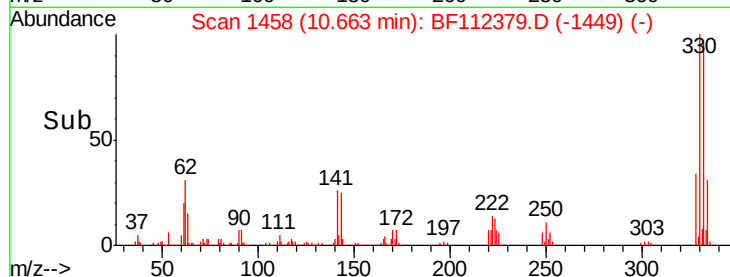
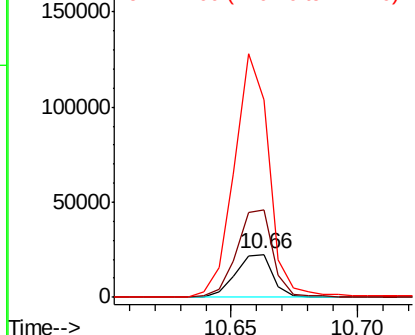
#67
 4-Bromophenyl-phenylether
 Concen: 3.794 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF112379.D
 Acq: 4 Feb 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-004-ABCD

Tot Ion:248 Resp: 23004
 Ion Ratio Lower Upper
 248 100
 250 203.8 79.7 119.5#
 141 460.3 60.3 90.5#

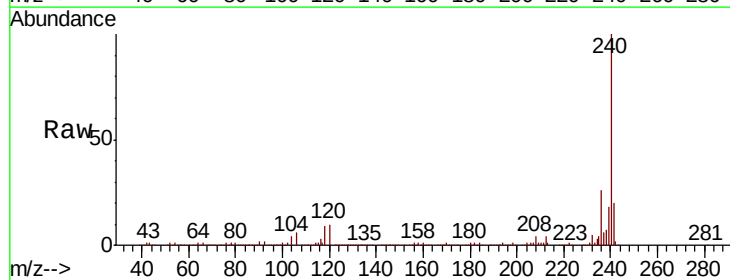


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

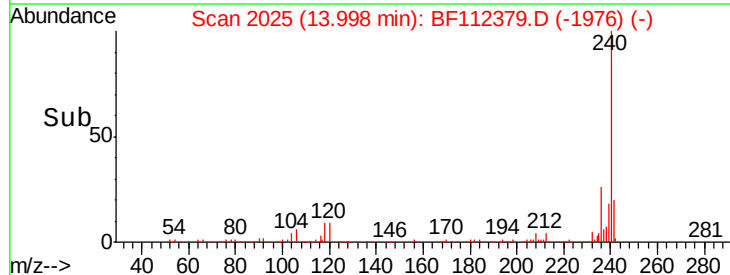
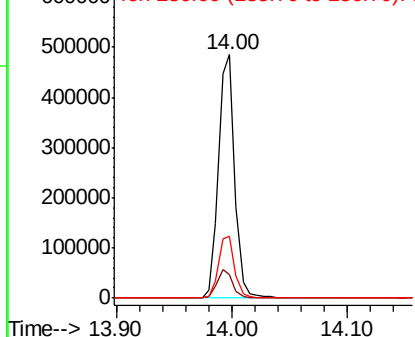


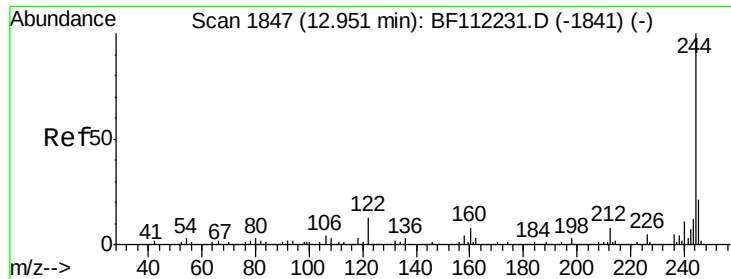
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF112379.D
 Acq: 4 Feb 2019 14:52

Tgt Ion:240 Resp: 472562
 Ion Ratio Lower Upper
 240 100
 120 9.5 9.0 13.6
 236 25.5 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

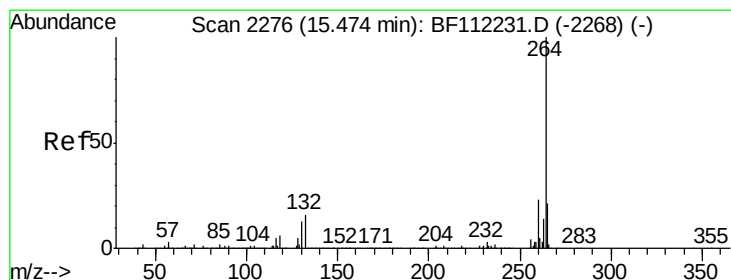
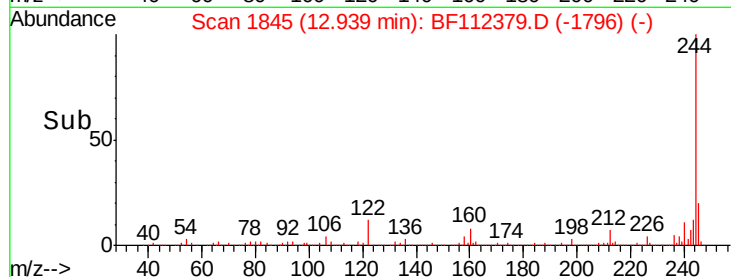
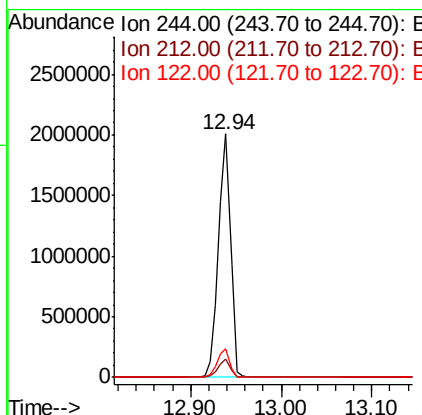
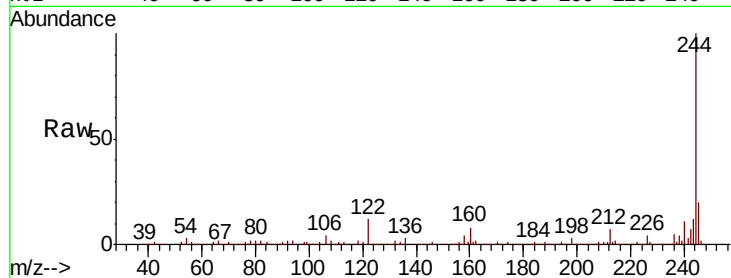




#79
 Terphenyl-d14
 Concen: 73.510 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112379.D
 Acq: 4 Feb 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-004-ABCD

Tot Ion:244 Resp: 1844390
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.7 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF112379.D
 Acq: 4 Feb 2019 14:52

Tgt Ion:264 Resp: 386342
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 20.9 17.0 25.4

