

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114911.D
 Acq On : 8 Jun 2019 00:58
 Operator : HP/JU
 Sample : K3246-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-047

Quant Time: Jun 08 05:19:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

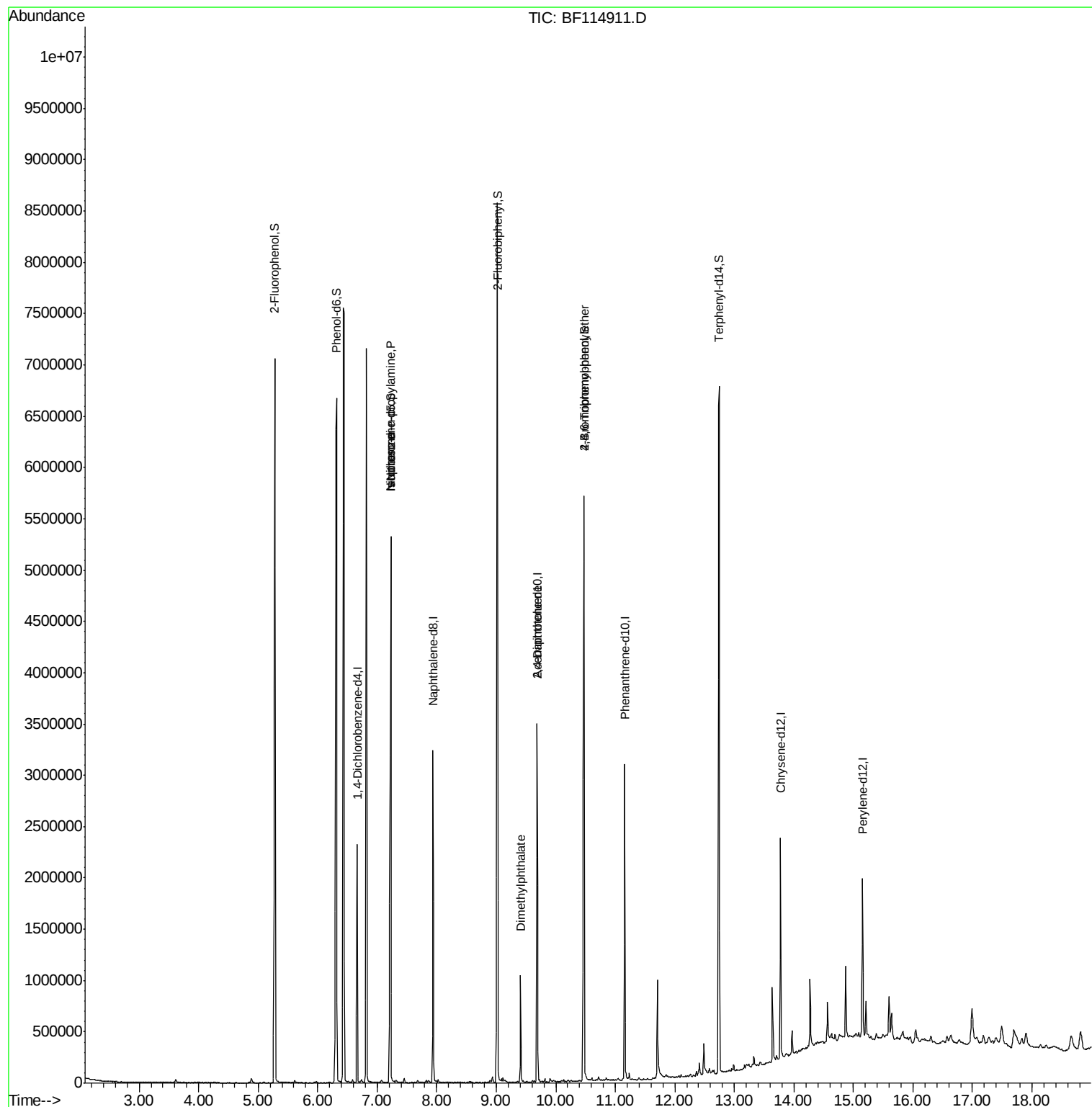
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	376643	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1409598	20.00	ng	-0.01
39) Acenaphthene-d10	9.69	164	675335	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	1146649	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	711748	20.00	ng	-0.02
87) Perylene-d12	15.15	264	683641	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2612264	121.19	ng	0.02
7) Phenol-d6	6.32	99	3163754	120.62	ng	0.01
23) Nitrobenzene-d5	7.23	82	2012889	87.90	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	813682	111.80	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3072725	85.23	ng	0.00
79) Terphenyl-d14	12.74	244	2550370	69.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	272585	15.700	ng	# 76
25) Isophorone	7.23	82	1990351	43.967	ng	# 61
50) Dimethylphthalate	9.41	163	399151	8.092	ng	# 98
57) 2,4-Dinitrotoluene	9.69	165	87467	5.998	ng	# 32
58) Fluorene	10.47	166	35321	Below Cal		# 89
67) 4-Bromophenyl-phenylether	10.47	248	52976	4.068	ng	# 1

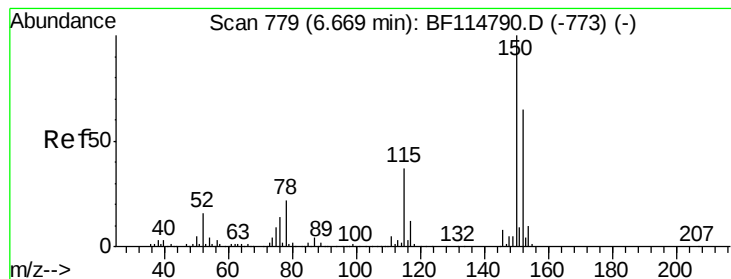
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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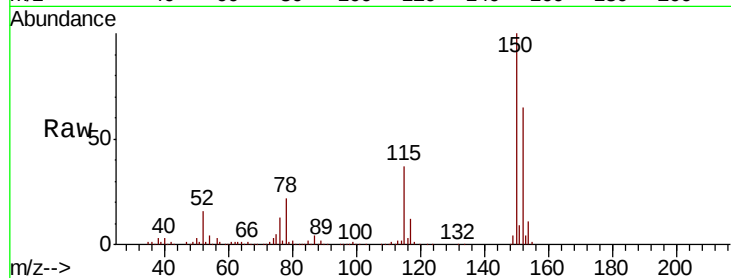


#1

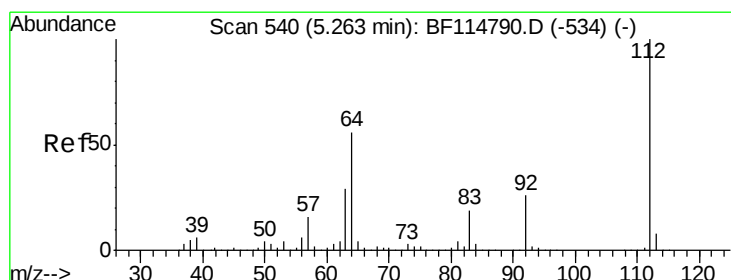
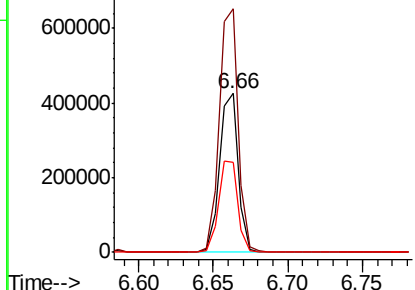
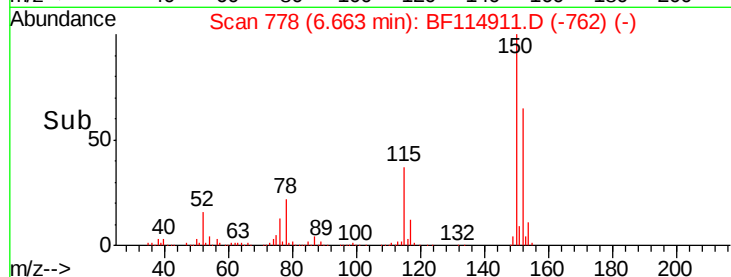
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114911.D
Acq: 8 Jun 2019 00:58

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047

Tgt Ion:152 Resp: 376643
Ion Ratio Lower Upper
152 100
150 153.3 124.0 186.0
115 56.5 46.3 69.5



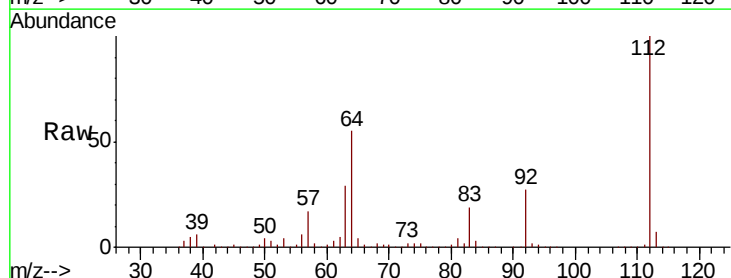
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



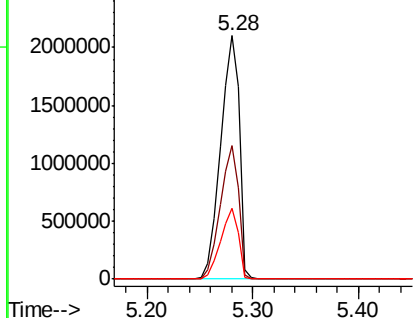
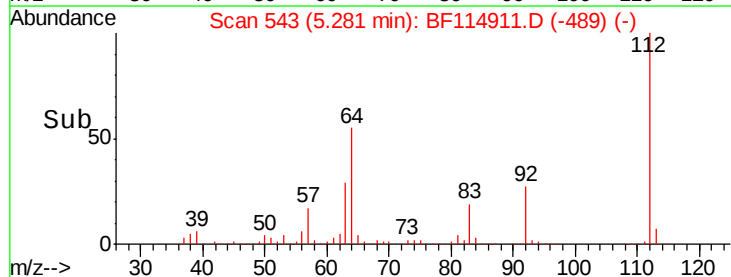
#5

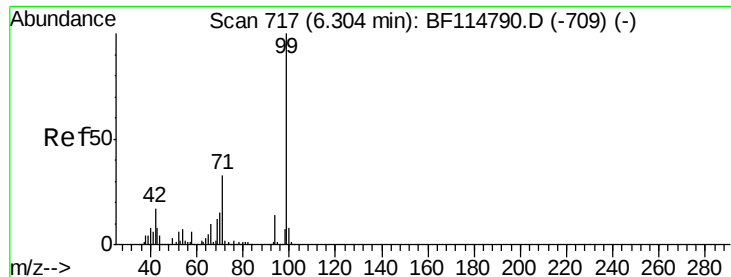
2-Fluorophenol
Concen: 121.190 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.02 min
Lab File: BF114911.D
Acq: 8 Jun 2019 00:58

Tgt Ion:112 Resp: 2612264
Ion Ratio Lower Upper
112 100
64 54.9 44.6 66.8
63 29.0 23.0 34.4



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: 120.624 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114911.D

Acq: 8 Jun 2019 00:58

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047

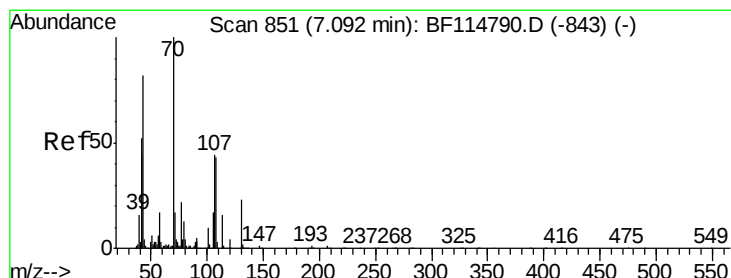
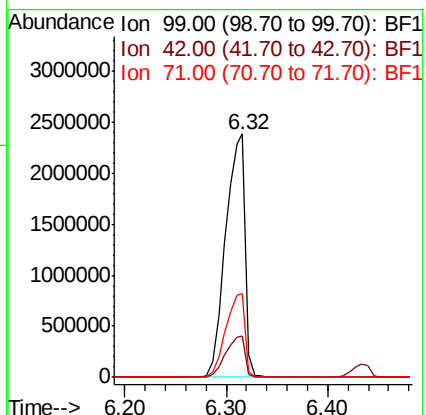
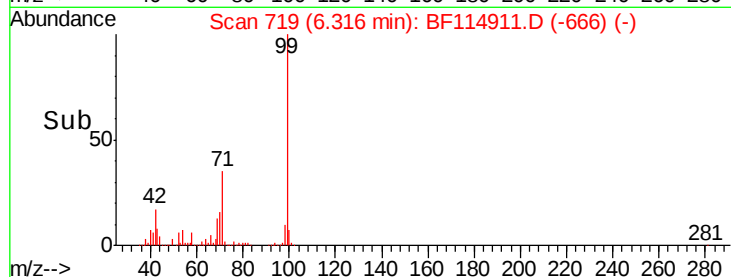
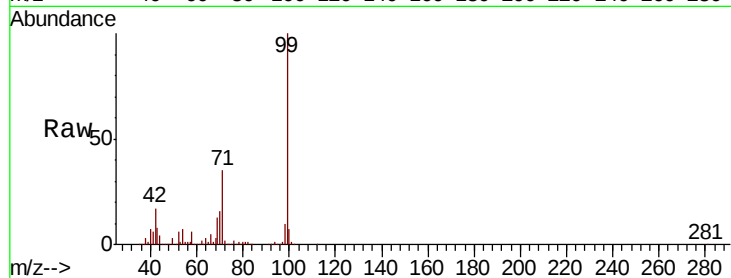
Tgt Ion: 99 Resp: 3163754

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

71 34.5 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 15.700 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF114911.D

Acq: 8 Jun 2019 00:58

Tgt Ion: 70 Resp: 272585

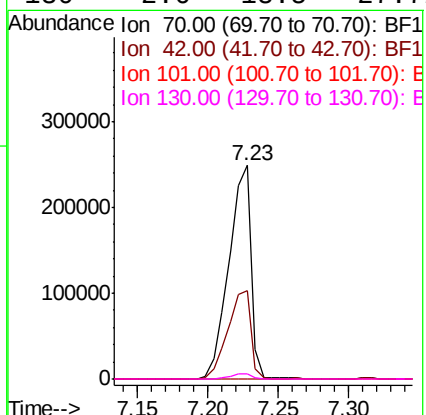
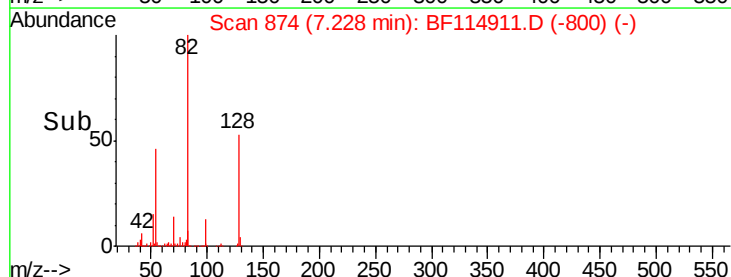
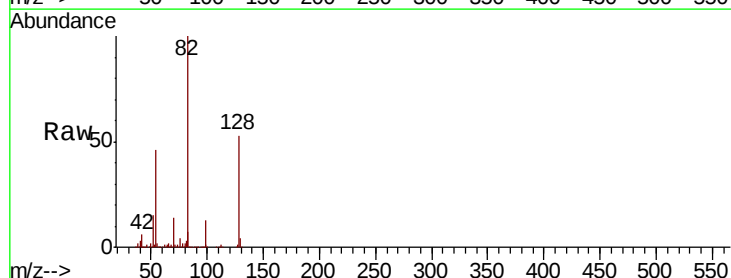
Ion Ratio Lower Upper

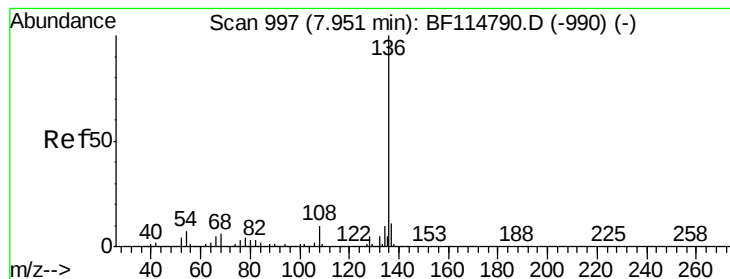
70 100

42 41.6 41.8 62.8#

101 0.0 8.2 12.4#

130 2.6 18.5 27.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114911.D

Acq: 8 Jun 2019 00:58

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047

Tgt Ion:136 Resp: 1409598

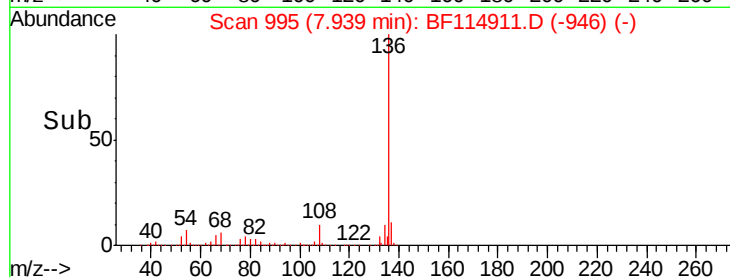
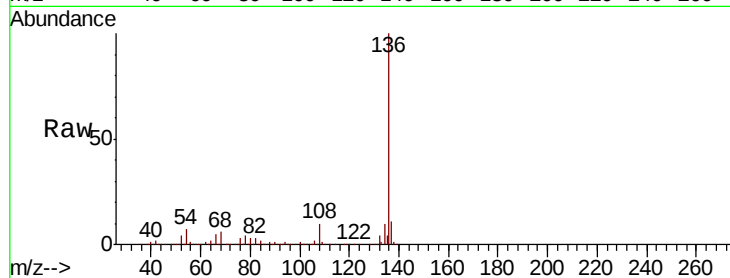
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.0 5.4 8.0

68 6.1 4.6 6.8



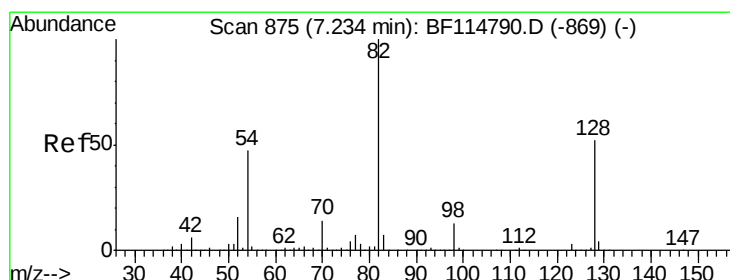
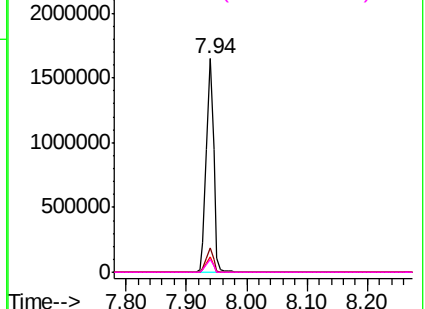
Abundance

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: 87.905 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114911.D

Acq: 8 Jun 2019 00:58

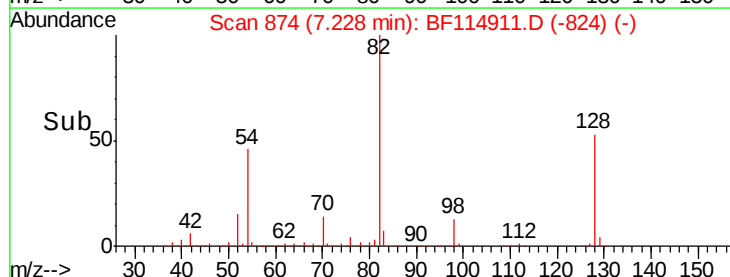
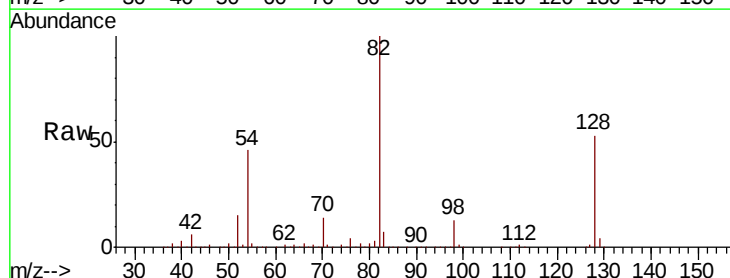
Tgt Ion: 82 Resp: 2012889

Ion Ratio Lower Upper

82 100

128 52.9 41.8 62.6

54 46.3 37.9 56.9

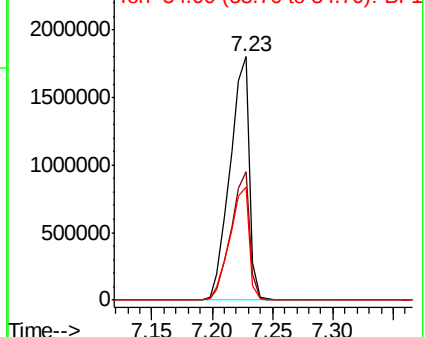


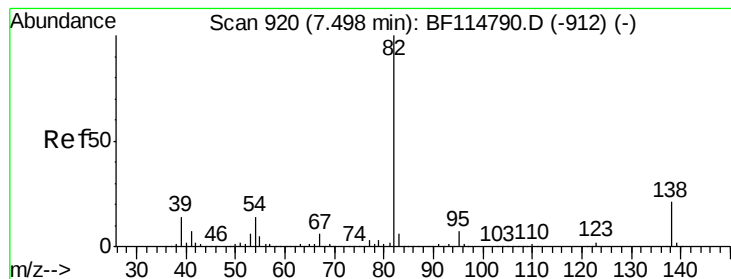
Abundance

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: 43.967 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF114911.D

Acq: 8 Jun 2019 00:58

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047

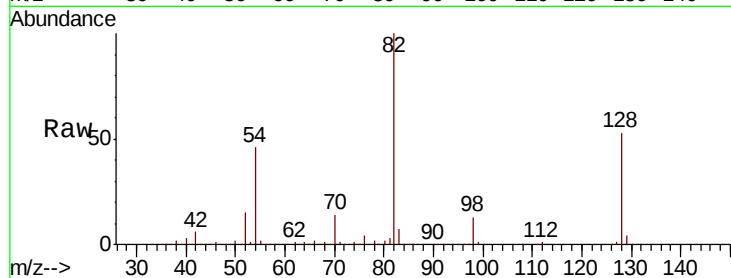
Tgt Ion: 82 Resp: 1990351

Ion Ratio Lower Upper

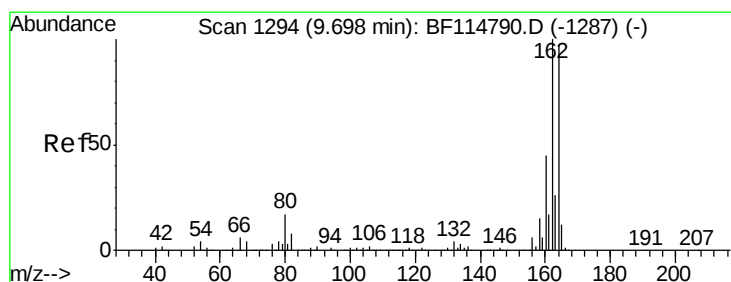
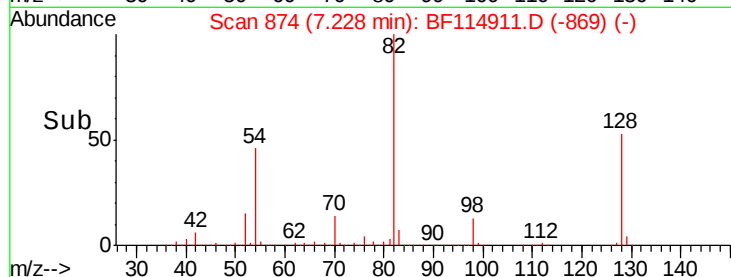
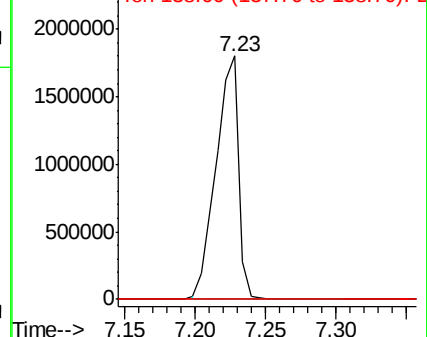
82 100

95 0.0 5.8 8.8#

138 0.0 16.9 25.3#



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: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114911.D

Acq: 8 Jun 2019 00:58

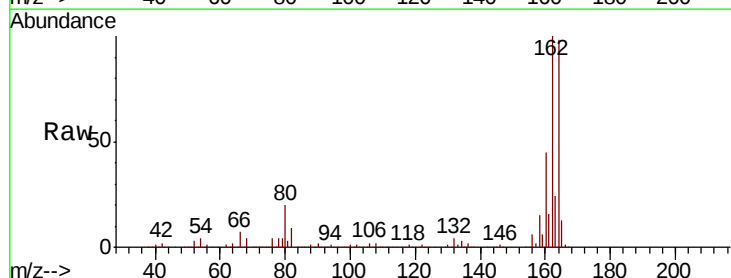
Tgt Ion: 164 Resp: 675335

Ion Ratio Lower Upper

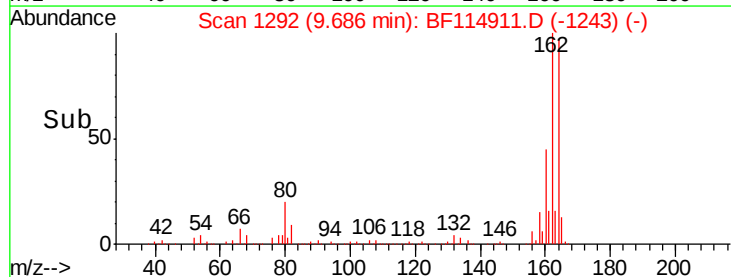
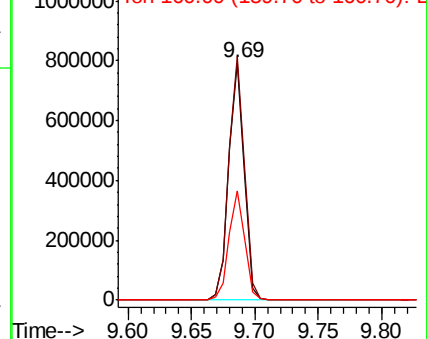
164 100

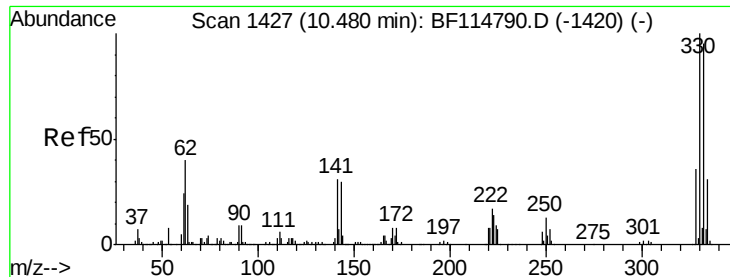
162 102.5 82.3 123.5

160 46.2 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

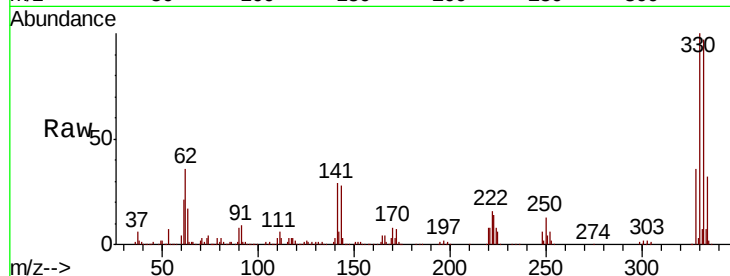




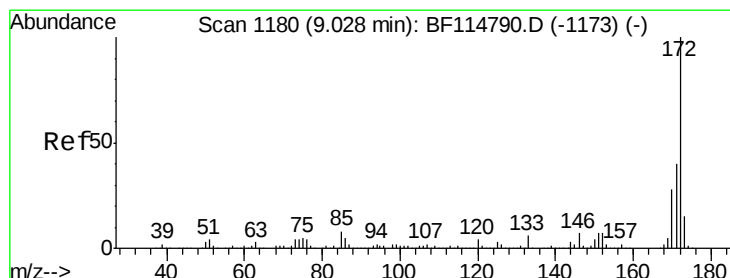
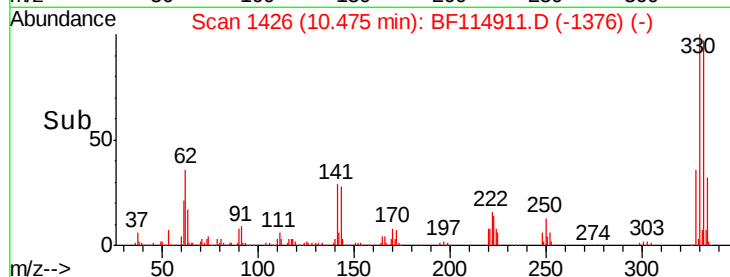
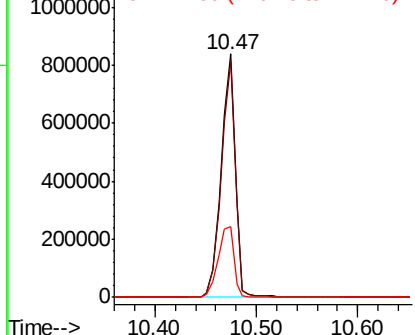
#42
 2,4,6-Tribromophenol
 Concen: 111.803 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114911.D
 Acq: 8 Jun 2019 00:58

Instrument :
 BNA_F
 ClientSampled :
 FK-PS-01-047

Tgt Ion:330 Resp: 813682
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 32.9 26.2 39.4

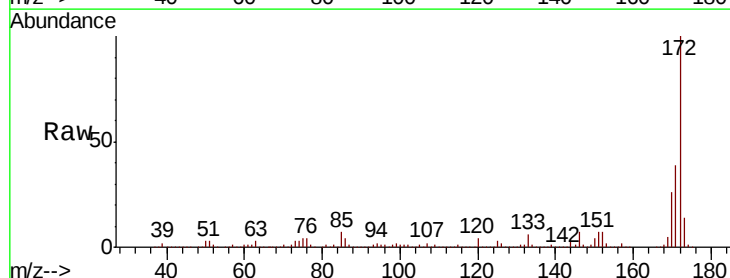


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

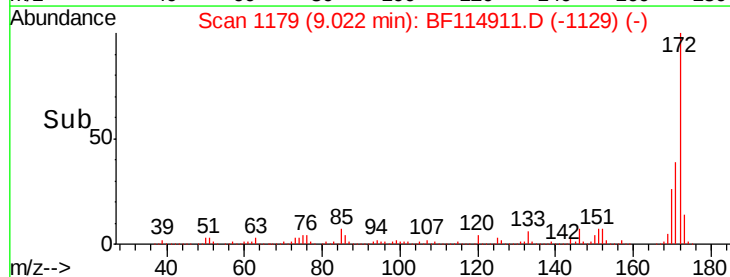
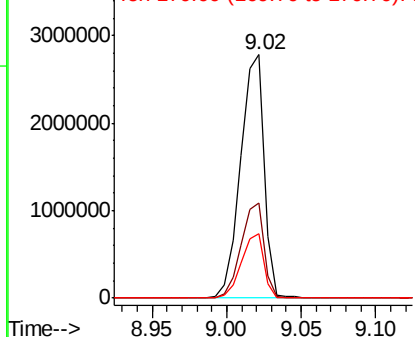


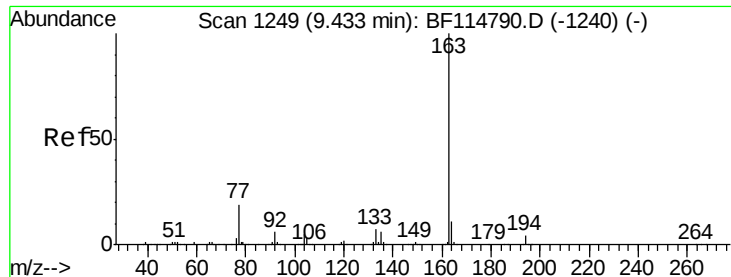
#45
 2-Fluorobiphenyl
 Concen: 85.233 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114911.D
 Acq: 8 Jun 2019 00:58

Tgt Ion:172 Resp: 3072725
 Ion Ratio Lower Upper
 172 100
 171 38.8 32.3 48.5
 170 26.5 22.4 33.6



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

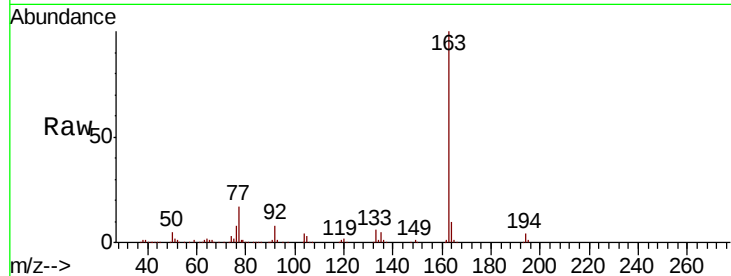




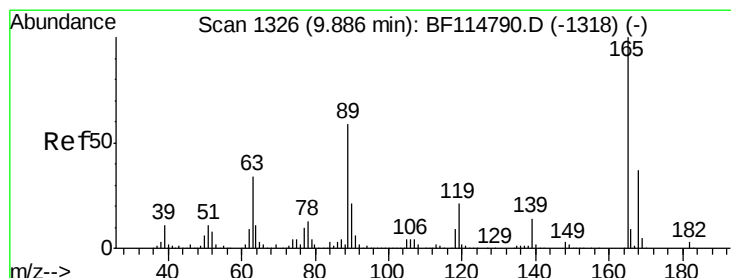
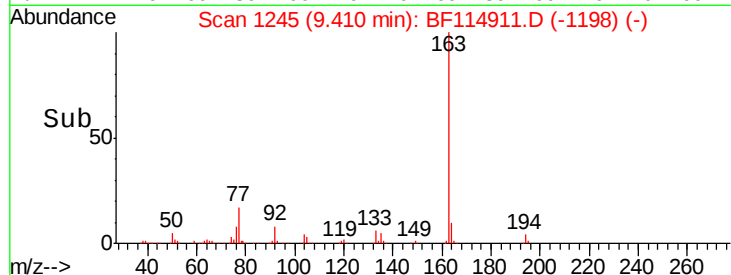
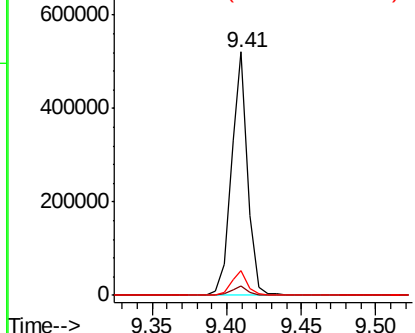
#50
Dimethylphthalate
Concen: 8.092 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114911.D
Acq: 8 Jun 2019 00:58

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047

Tgt Ion:163 Resp: 399151
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 10.2 8.6 13.0

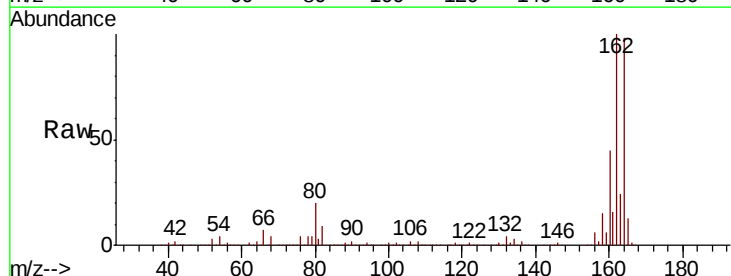


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

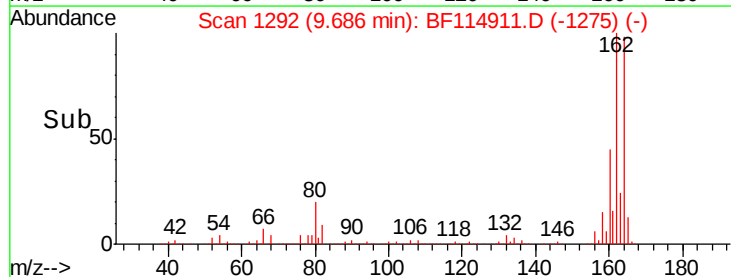
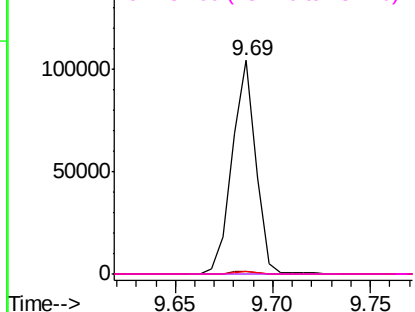


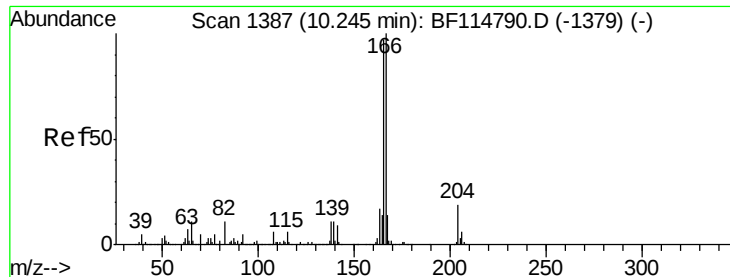
#57
2,4-Dinitrotoluene
Concen: 5.998 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.20 min
Lab File: BF114911.D
Acq: 8 Jun 2019 00:58

Tgt Ion:165 Resp: 87467
Ion Ratio Lower Upper
165 100
63 1.0 27.0 40.4#
89 1.5 47.0 70.6#
182 0.0 2.2 3.2#



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





#58

Fluorene

Concen: Below Cal

RT: 10.47 min Scan# 1426

Delta R.T. 0.23 min

Lab File: BF114911.D

Acq: 8 Jun 2019 00:58

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047

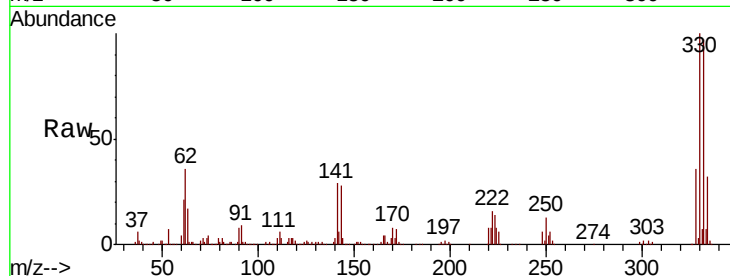
Tgt Ion:166 Resp: 35321

Ion Ratio Lower Upper

166 100

165 102.5 77.9 116.9

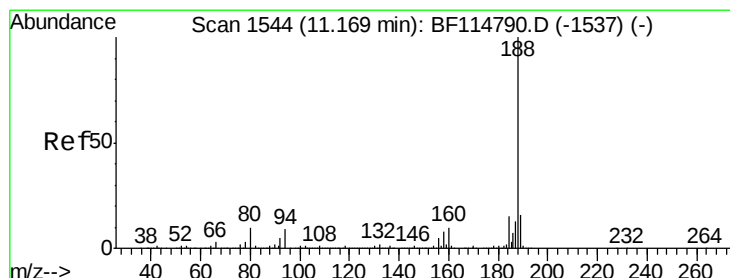
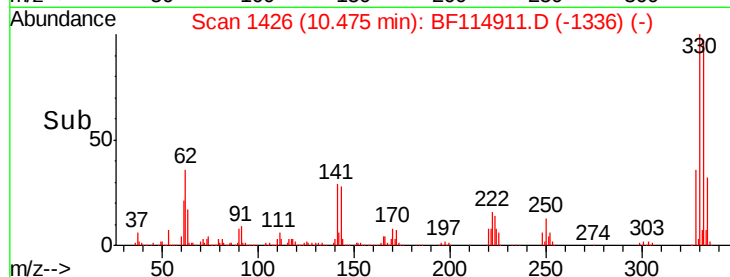
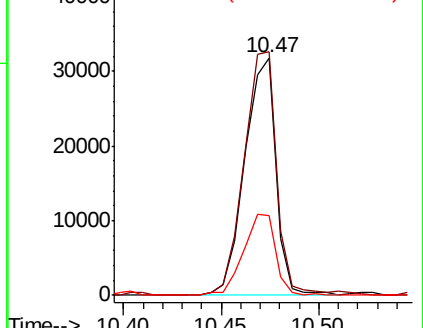
167 33.8 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BF114911.D

Acq: 8 Jun 2019 00:58

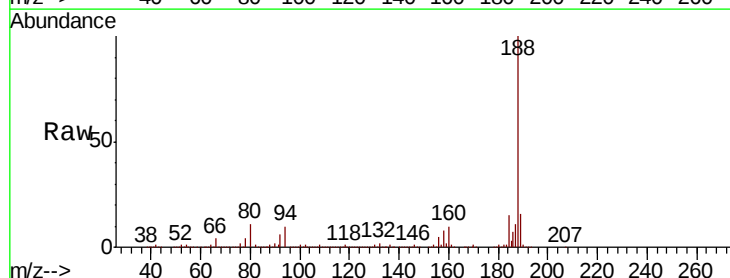
Tgt Ion:188 Resp: 1146649

Ion Ratio Lower Upper

188 100

94 10.5 7.6 11.4

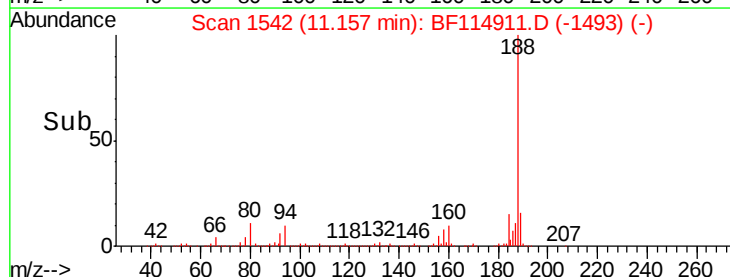
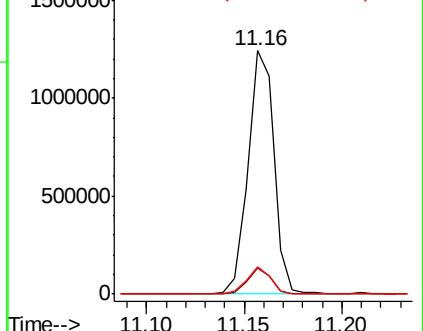
80 11.2 8.3 12.5

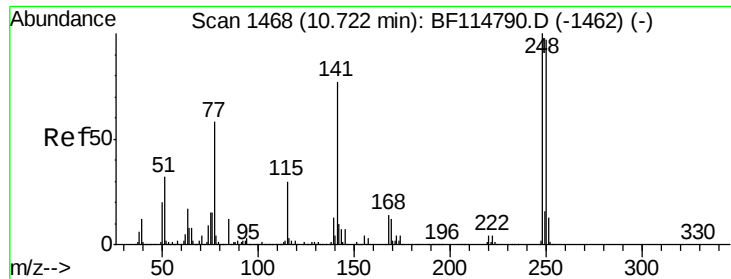


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

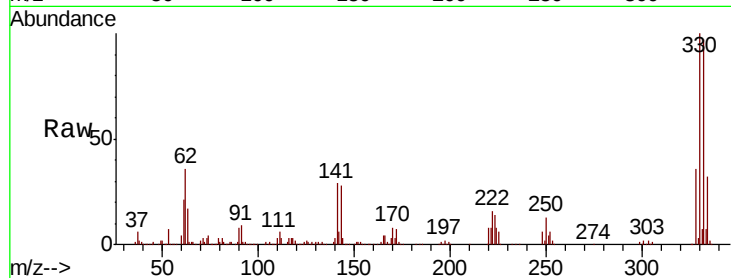




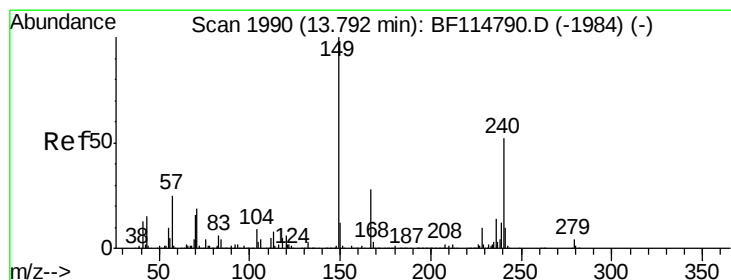
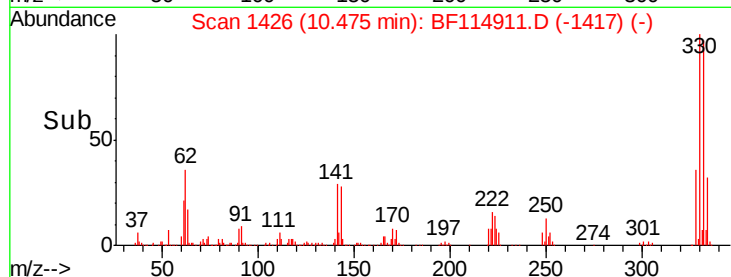
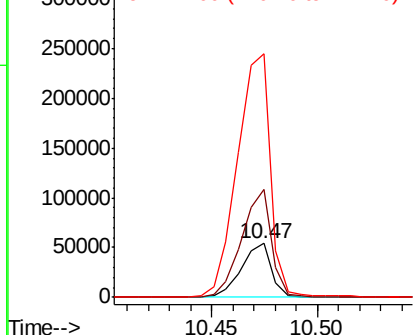
#67
4-Bromophenyl-phenylether
Concen: 4.068 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.25 min
Lab File: BF114911.D
Acq: 8 Jun 2019 00:58

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-047

Tgt Ion:248 Resp: 52976
Ion Ratio Lower Upper
248 100
250 200.8 77.5 116.3#
141 452.7 61.8 92.8#

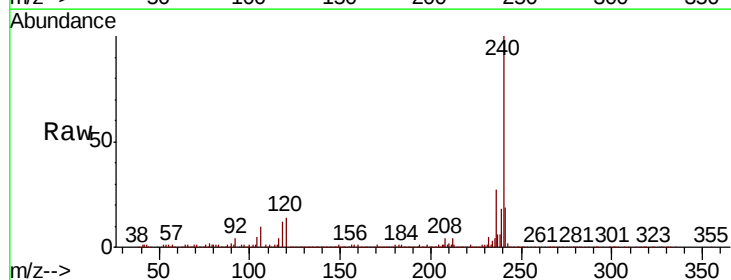


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

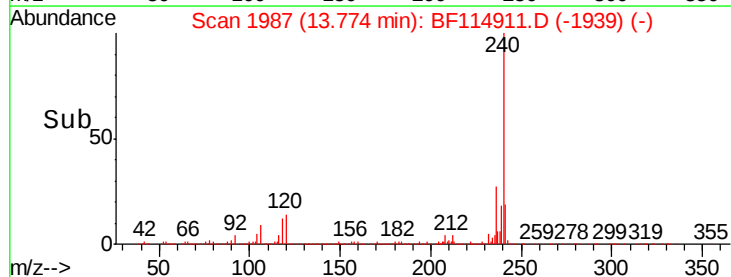
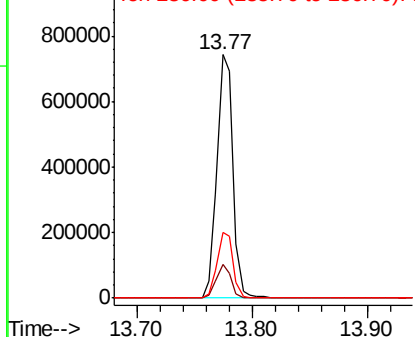


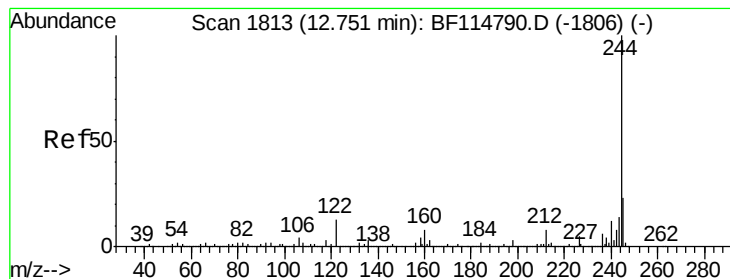
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BF114911.D
Acq: 8 Jun 2019 00:58

Tgt Ion:240 Resp: 711748
Ion Ratio Lower Upper
240 100
120 13.6 9.0 13.4#
236 26.8 21.4 32.0



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: 69.686 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF114911.D

Acq: 8 Jun 2019 00:58

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-047

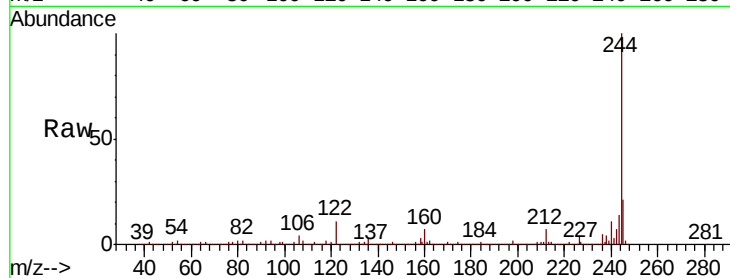
Tgt Ion:244 Resp: 2550370

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

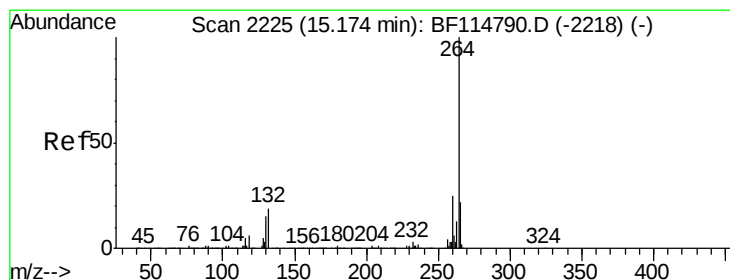
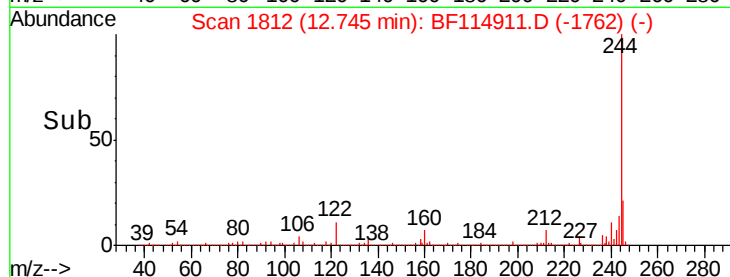
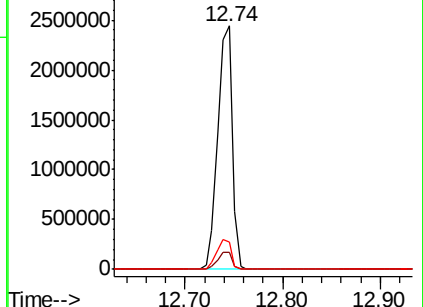
122 11.3 10.5 15.7



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: 15.15 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF114911.D

Acq: 8 Jun 2019 00:58

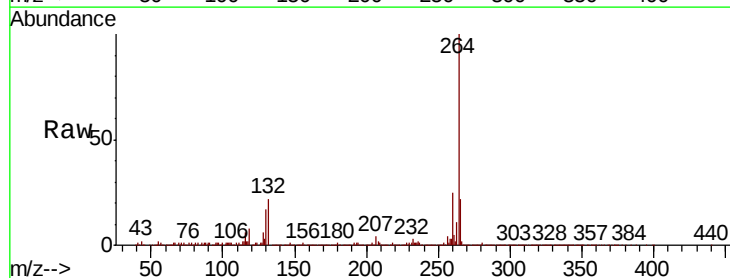
Tgt Ion:264 Resp: 683641

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 21.9 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

