

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114903.D
 Acq On : 7 Jun 2019 21:14
 Operator : HP/JU
 Sample : K3193-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-4-OW

Quant Time: Jun 08 05:17:53 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

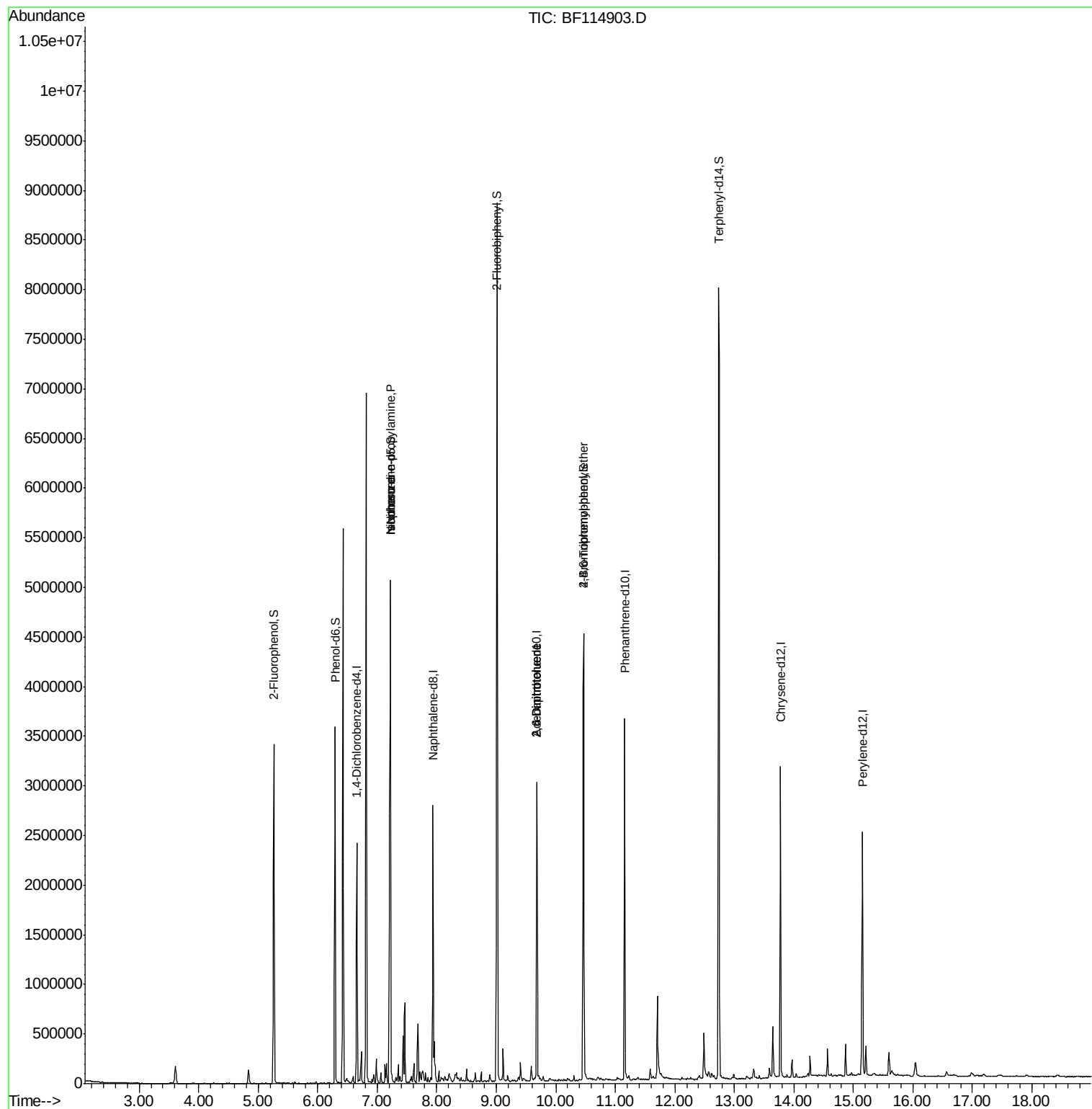
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	350526	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	1321266	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	660185	20.00	ng	-0.02
64) Phenanthrene-d10	11.16	188	1271611	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	1015217	20.00	ng	-0.02
87) Perylene-d12	15.15	264	1015500	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	950427	47.38	ng	0.00
7) Phenol-d6	6.29	99	1208938	49.53	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1809503	84.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	599144	84.21	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	3208883	91.05	ng	-0.01
79) Terphenyl-d14	12.74	244	3010309	57.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	243170	15.049	ng	# 77
25) Isophorone	7.22	82	1763234	41.554	ng	# 61
51) 2,6-Dinitrotoluene	9.68	165	85620	7.550	ng	# 33
57) 2,4-Dinitrotoluene	9.68	165	85621	6.006	ng	# 32
58) Fluorene	10.23	166	4091	Below Cal		# 86
67) 4-Bromophenyl-phenylether	10.47	248	39059	2.704	ng	# 1

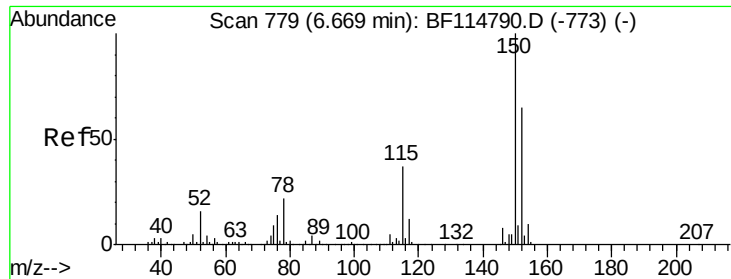
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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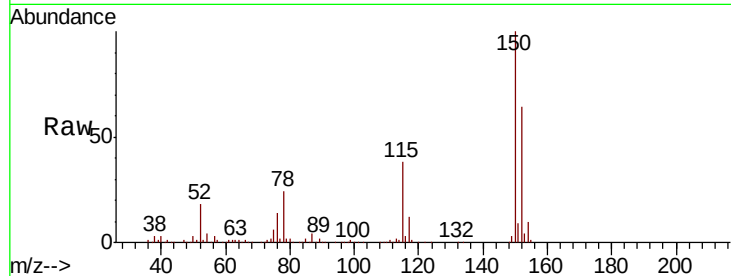


#1

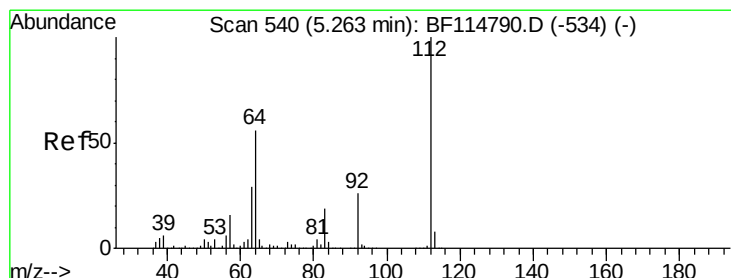
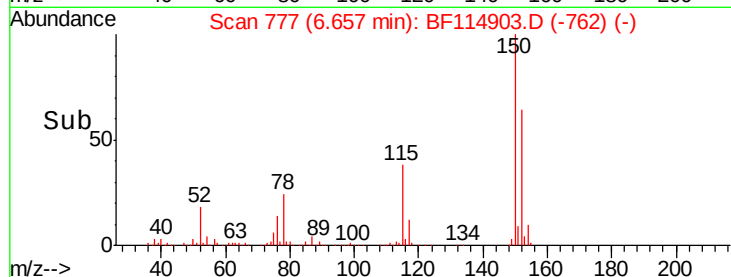
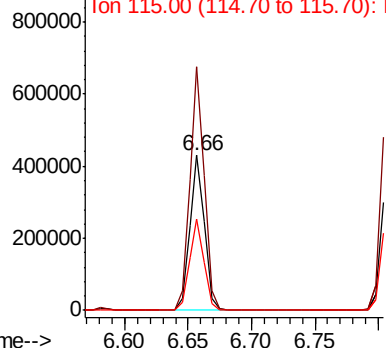
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
P-4-OW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.0	186.0
115	59.2	46.3	69.5



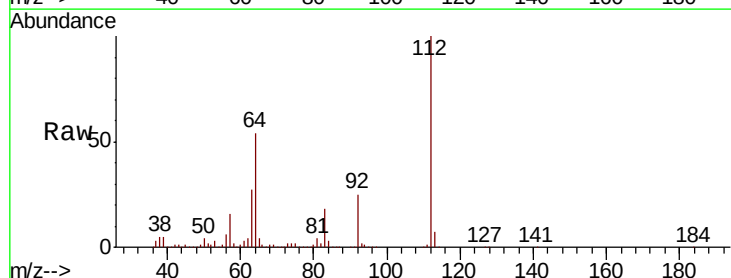
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



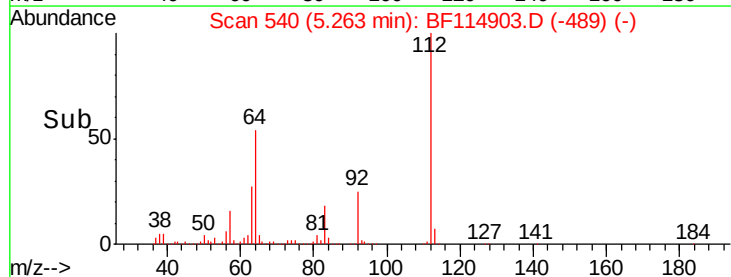
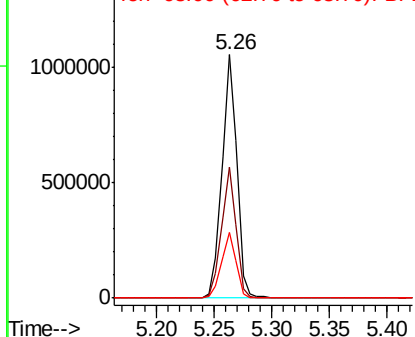
#5

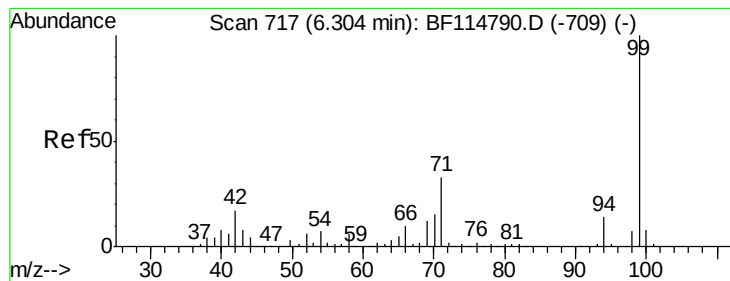
2-Fluorophenol
Concen: 47.378 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	44.6	66.8
63	26.9	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: 49.527 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114903.D

Acq: 7 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

P-4-OW

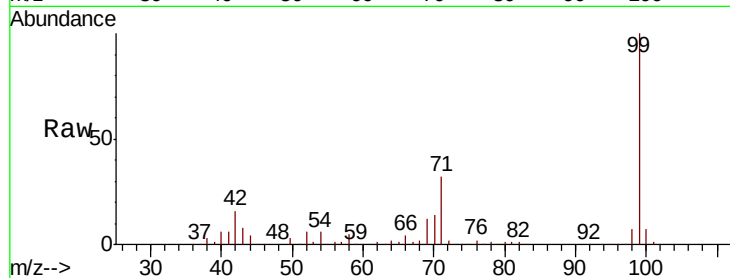
Tgt Ion: 99 Resp: 1208938

Ion Ratio Lower Upper

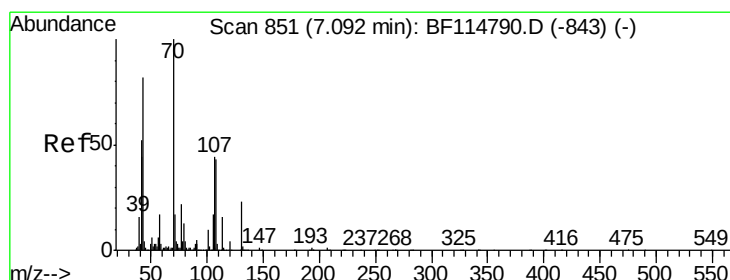
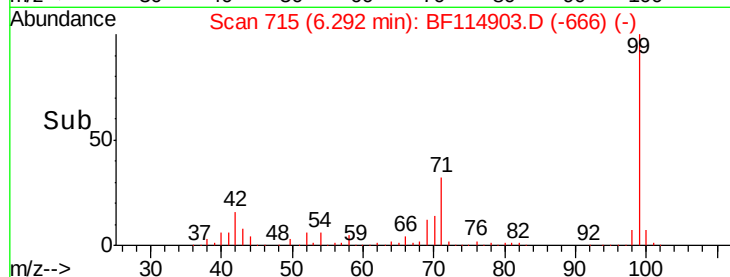
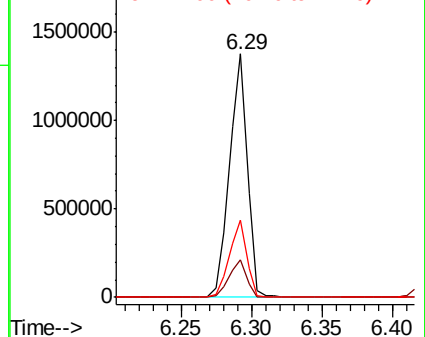
99 100

42 15.5 13.3 19.9

71 31.8 26.3 39.5



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: 15.049 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.13 min

Lab File: BF114903.D

Acq: 7 Jun 2019 21:14

Tgt Ion: 70 Resp: 243170

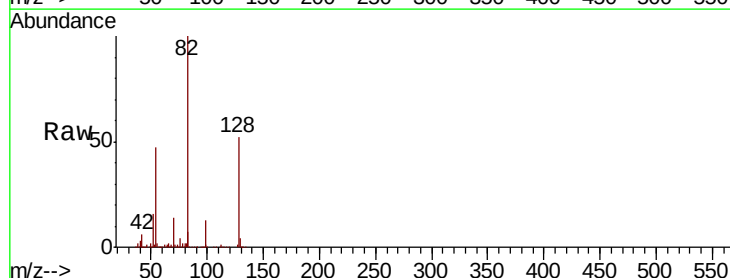
Ion Ratio Lower Upper

70 100

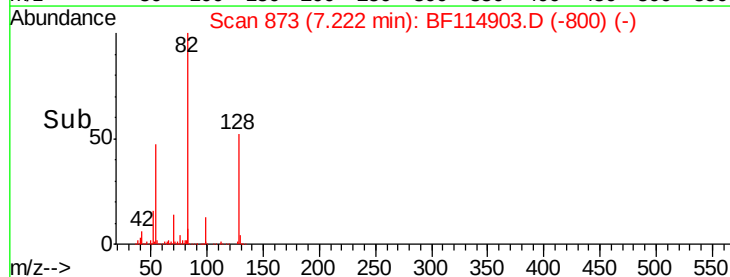
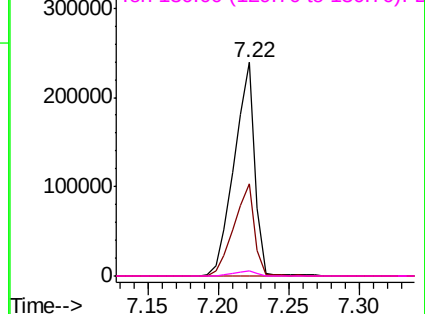
42 43.2 41.8 62.8

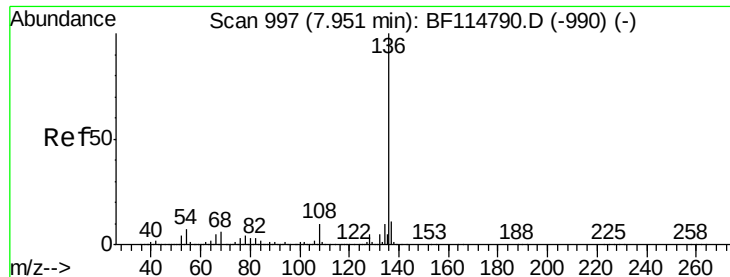
101 0.0 8.2 12.4#

130 2.6 18.5 27.7#



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

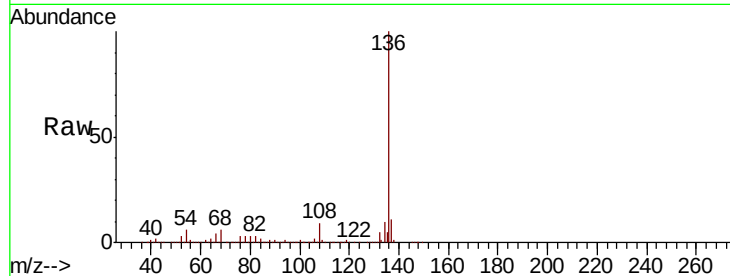




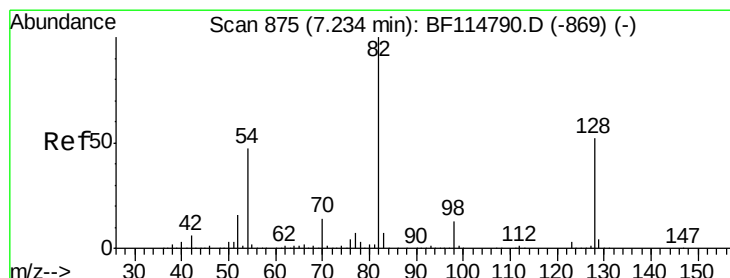
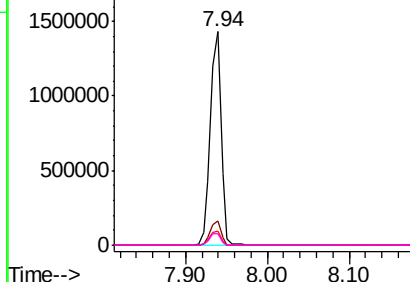
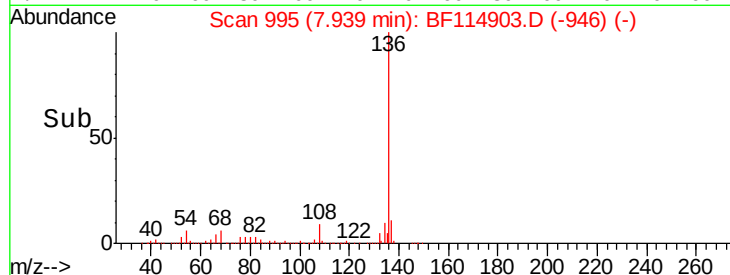
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Instrument :
BNA_F
ClientSampleId :
P-4-OW

Tgt Ion:	136	Resp:	1321266
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.3	5.4	8.0
68	5.6	4.6	6.8

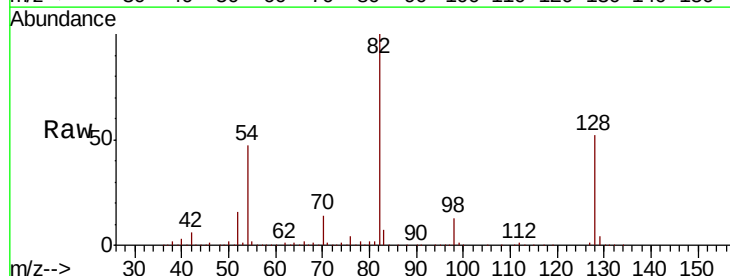


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

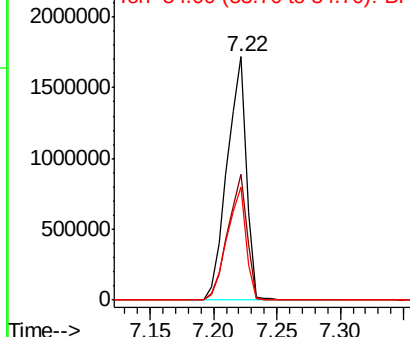
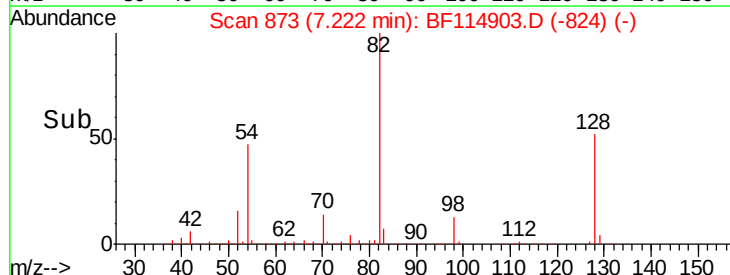


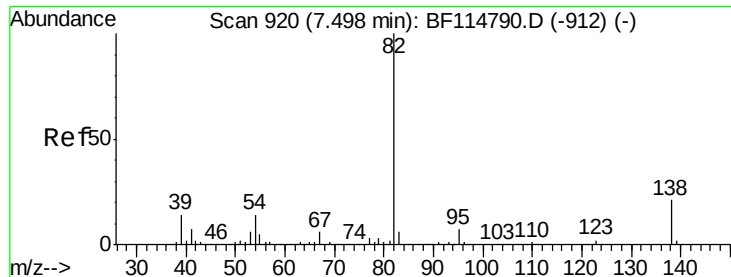
#23
Nitrobenzene-d5
Concen: 84.306 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114903.D
Acq: 7 Jun 2019 21:14

Tgt Ion:	82	Resp:	1809503
Ion	Ratio	Lower	Upper
82	100		
128	51.7	41.8	62.6
54	46.6	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: 41.554 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.28 min

Lab File: BF114903.D

Acq: 7 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

P-4-OW

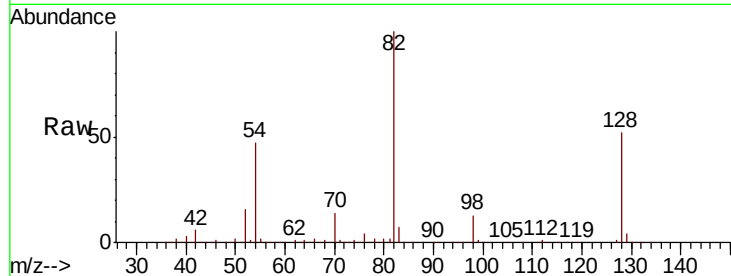
Tgt Ion: 82 Resp: 1763234

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

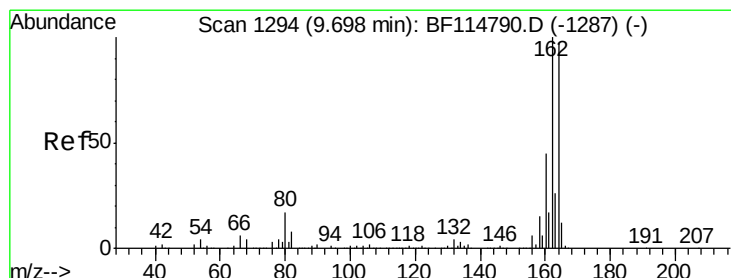
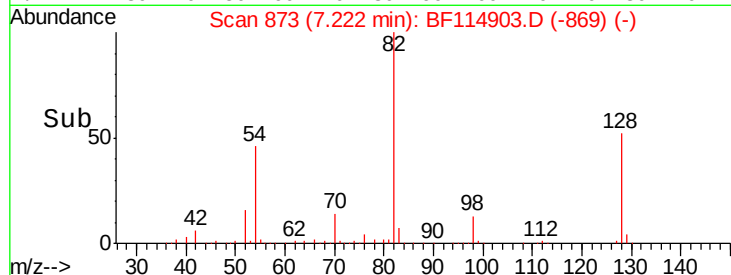
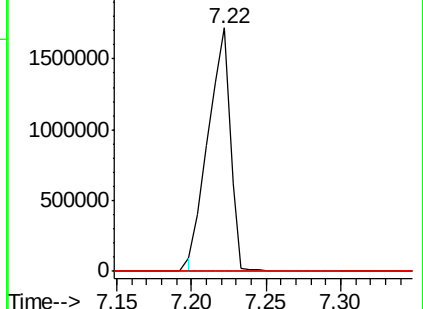
138 0.0 16.9 25.3#



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: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF114903.D

Acq: 7 Jun 2019 21:14

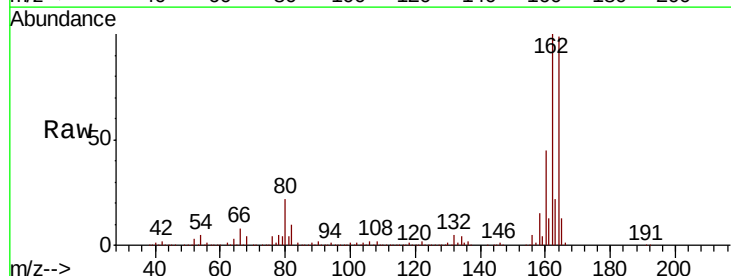
Tgt Ion: 164 Resp: 660185

Ion Ratio Lower Upper

164 100

162 101.3 82.3 123.5

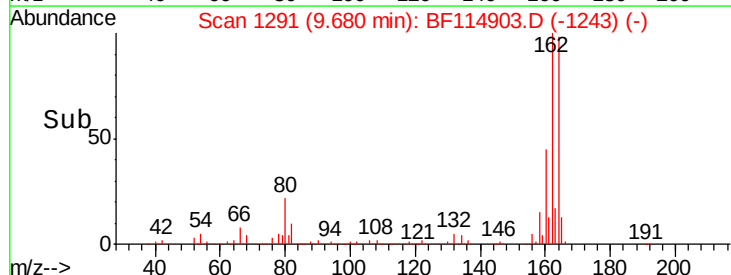
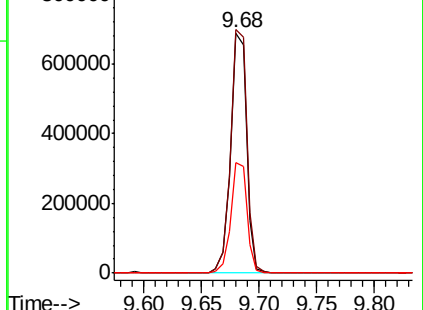
160 45.9 36.7 55.1

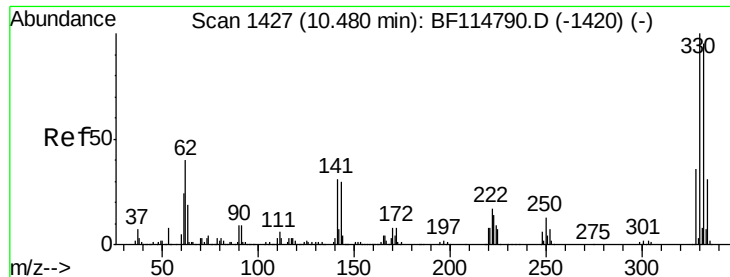


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 84.214 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114903.D

Acq: 7 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

P-4-OW

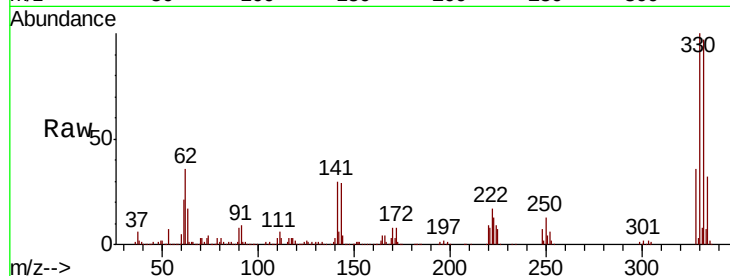
Tgt Ion:330 Resp: 599144

Ion Ratio Lower Upper

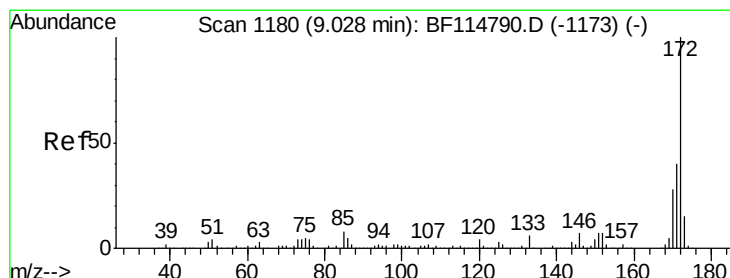
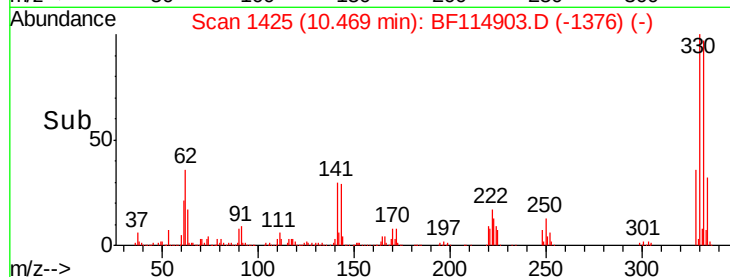
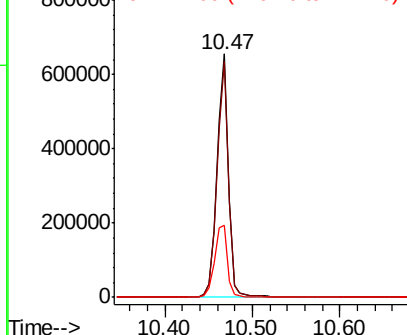
330 100

332 97.1 77.3 115.9

141 33.8 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: 91.052 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114903.D

Acq: 7 Jun 2019 21:14

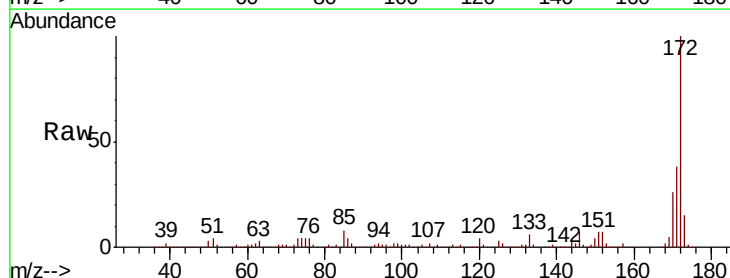
Tgt Ion:172 Resp: 3208883

Ion Ratio Lower Upper

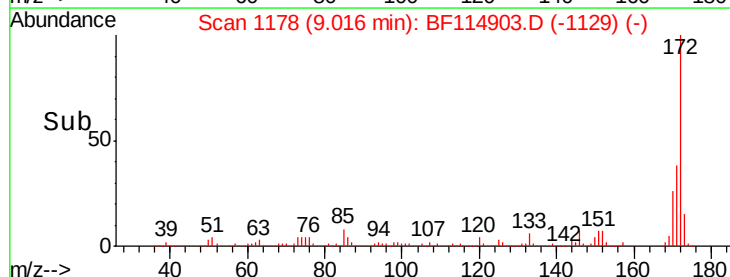
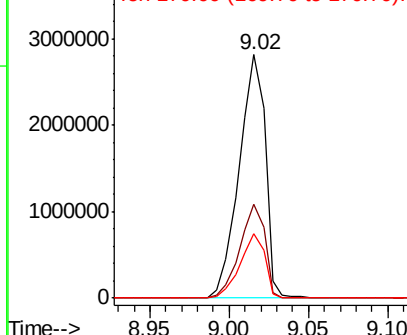
172 100

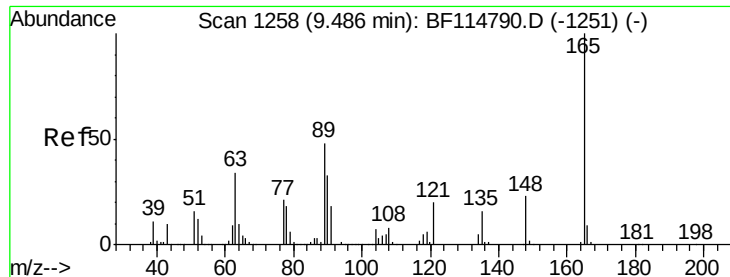
171 38.3 32.3 48.5

170 26.4 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

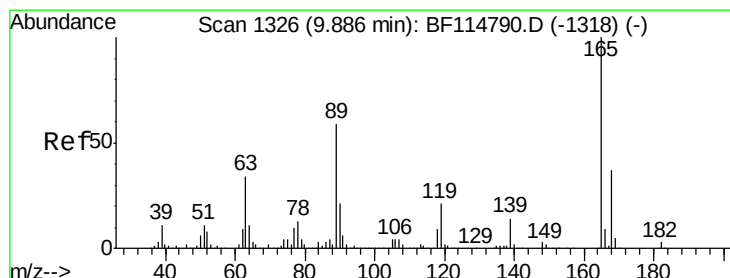
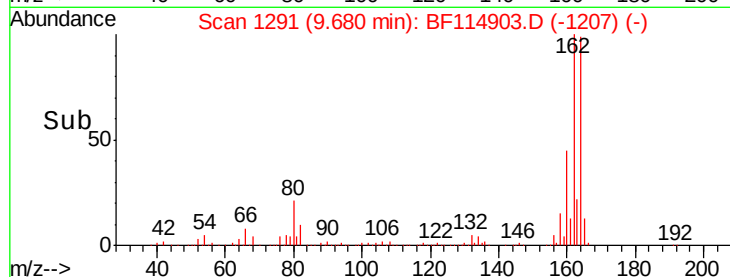
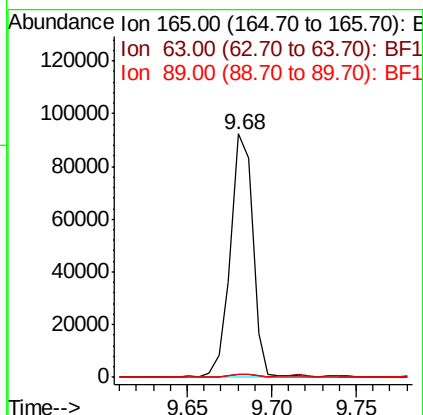
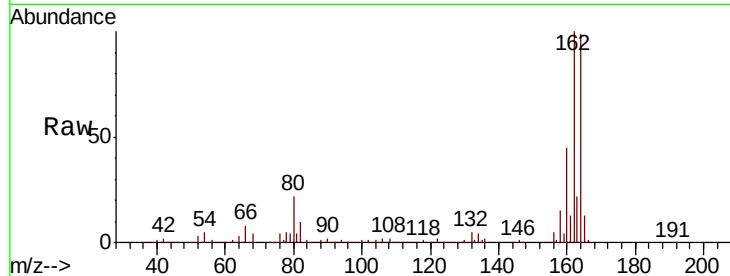




#51
 2,6-Dinitrotoluene
 Concen: 7.550 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.19 min
 Lab File: BF114903.D
 Acq: 7 Jun 2019 21:14

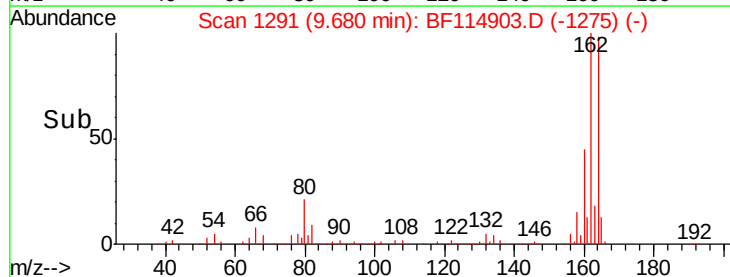
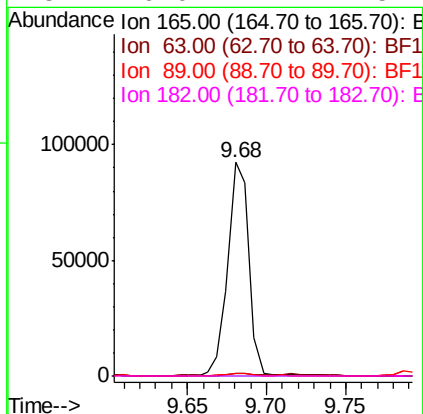
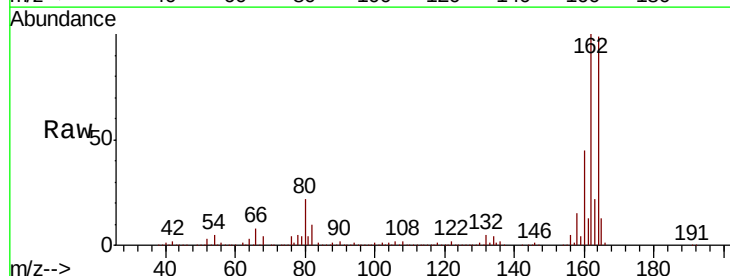
Instrument :
 BNA_F
 ClientSampleId :
 P-4-OW

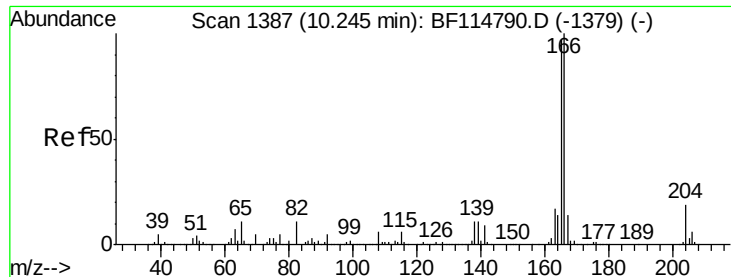
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.1	52.7#
89	1.4	38.2	57.2#



#57
 2,4-Dinitrotoluene
 Concen: 6.006 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.21 min
 Lab File: BF114903.D
 Acq: 7 Jun 2019 21:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.0	40.4#
89	1.4	47.0	70.6#
182	0.0	2.2	3.2#





#58

Fluorene

Concen: Below Cal

RT: 10.23 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BF114903.D

Acq: 7 Jun 2019 21:14

Instrument :

BNA_F

ClientSampleId :

P-4-OW

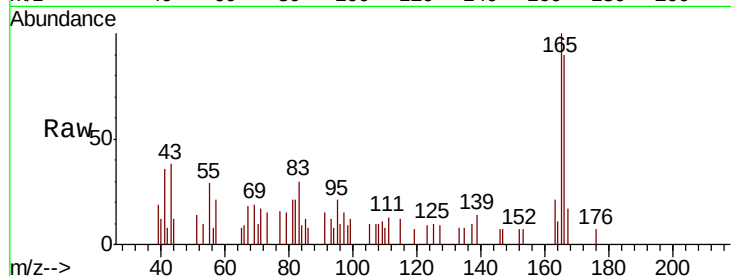
Tgt Ion:166 Resp: 4091

Ion Ratio Lower Upper

166 100

165 111.6 77.9 116.9

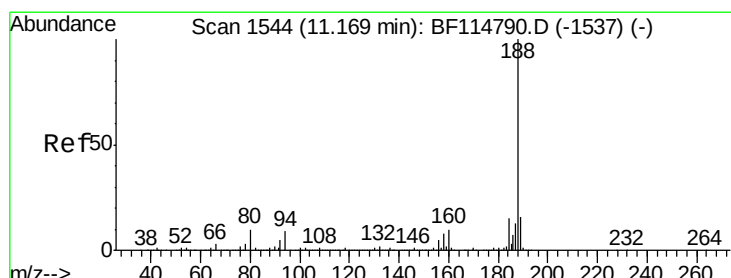
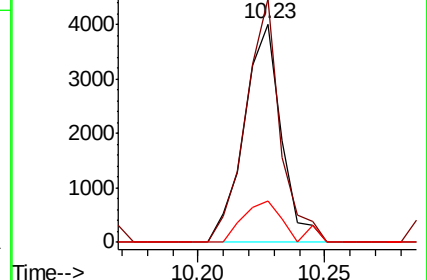
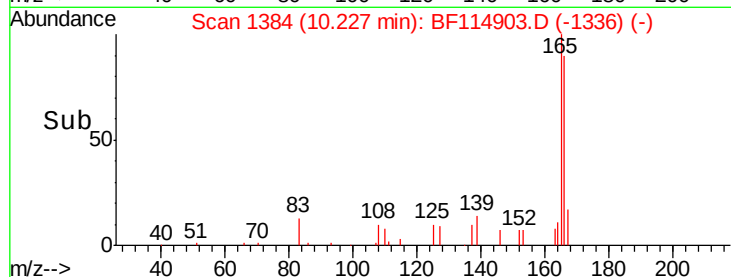
167 18.9 11.3 16.9#



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: BF114903.D

Acq: 7 Jun 2019 21:14

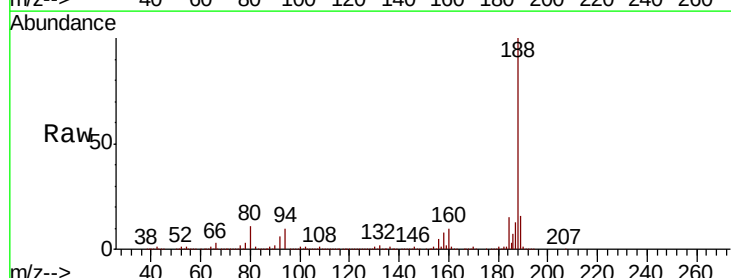
Tgt Ion:188 Resp: 1271611

Ion Ratio Lower Upper

188 100

94 10.0 7.6 11.4

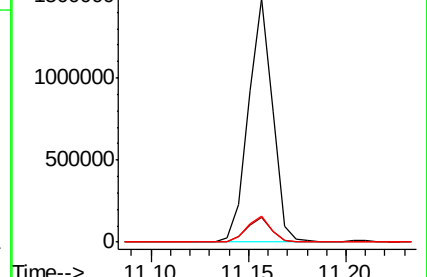
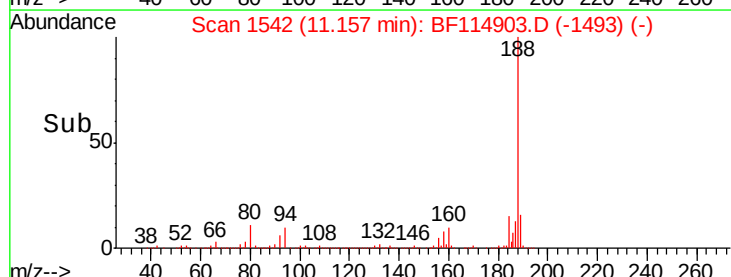
80 10.6 8.3 12.5

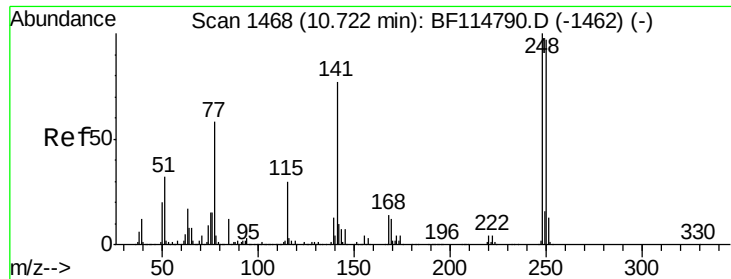


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

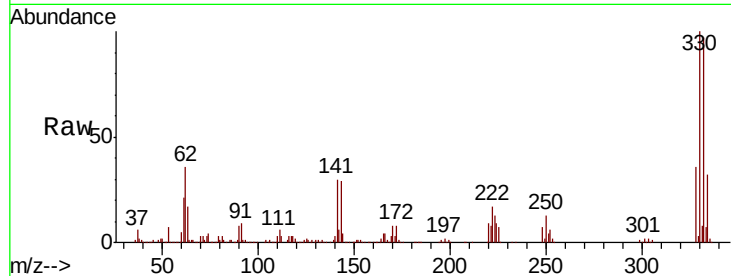




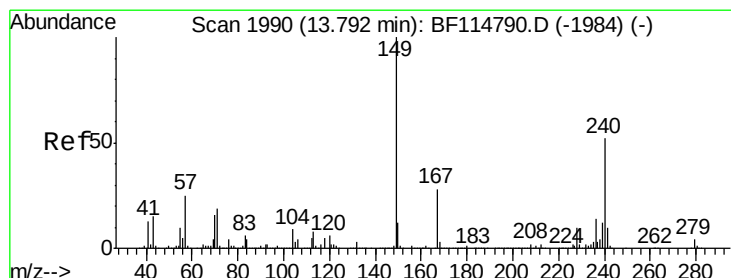
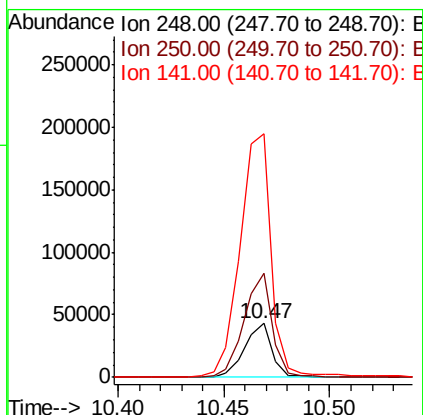
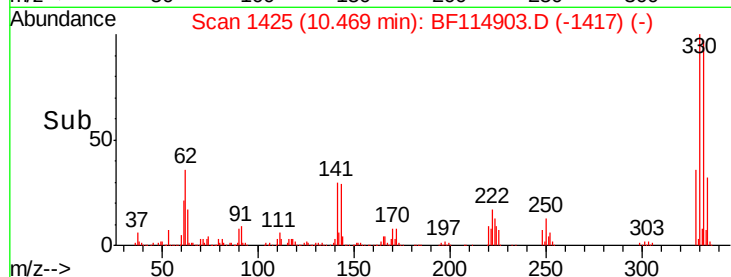
#67
 4-Bromophenyl-phenylether
 Concen: 2.704 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.25 min
 Lab File: BF114903.D
 Acq: 7 Jun 2019 21:14

Instrument :
 BNA_F
 ClientSampled :
 P-4-OW

Tgt Ion:248 Resp: 39059
 Ion Ratio Lower Upper
 248 100
 250 194.6 77.5 116.3#
 141 453.8 61.8 92.8#

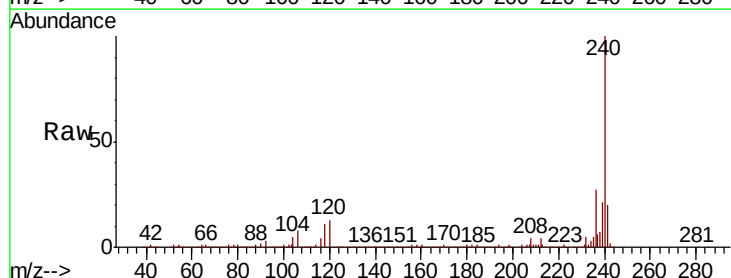


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

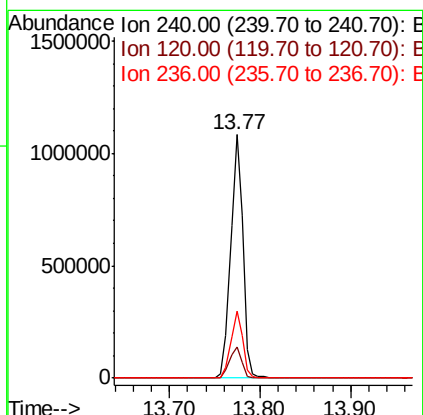
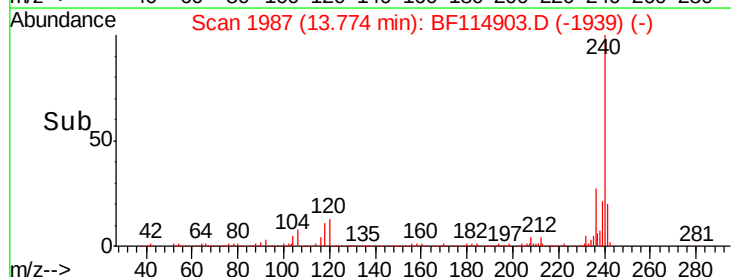


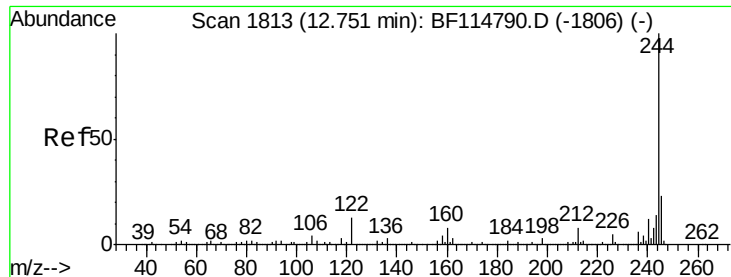
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.02 min
 Lab File: BF114903.D
 Acq: 7 Jun 2019 21:14

Tgt Ion:240 Resp: 1015217
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.0 13.4
 236 27.3 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

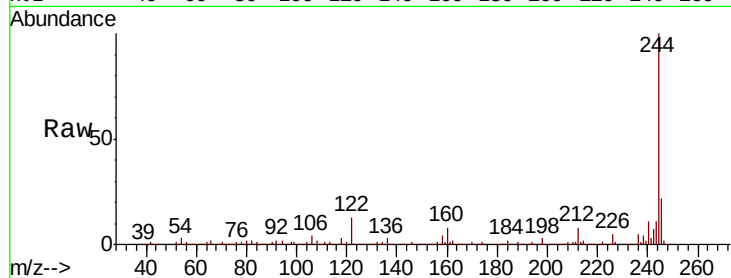




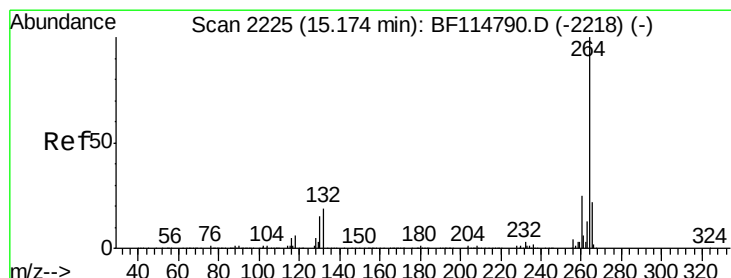
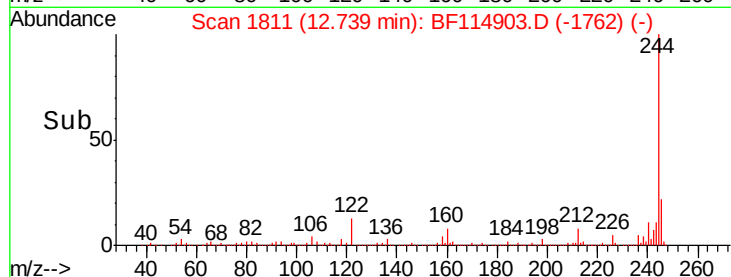
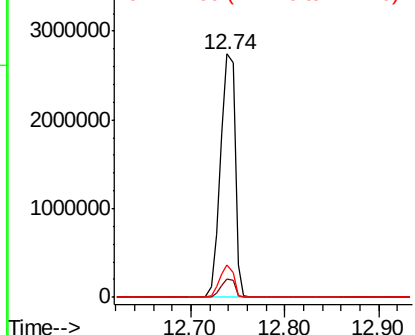
#79
 Terphenyl-d14
 Concen: 57.666 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF114903.D
 Acq: 7 Jun 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :
 P-4-OW

Tgt Ion:244 Resp: 3010309
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 13.2 10.5 15.7

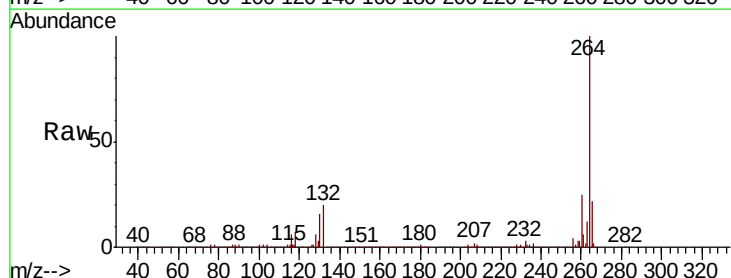


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.15 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF114903.D
 Acq: 7 Jun 2019 21:14

Tgt Ion:264 Resp: 1015500
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.5 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

