

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 06:20:38 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

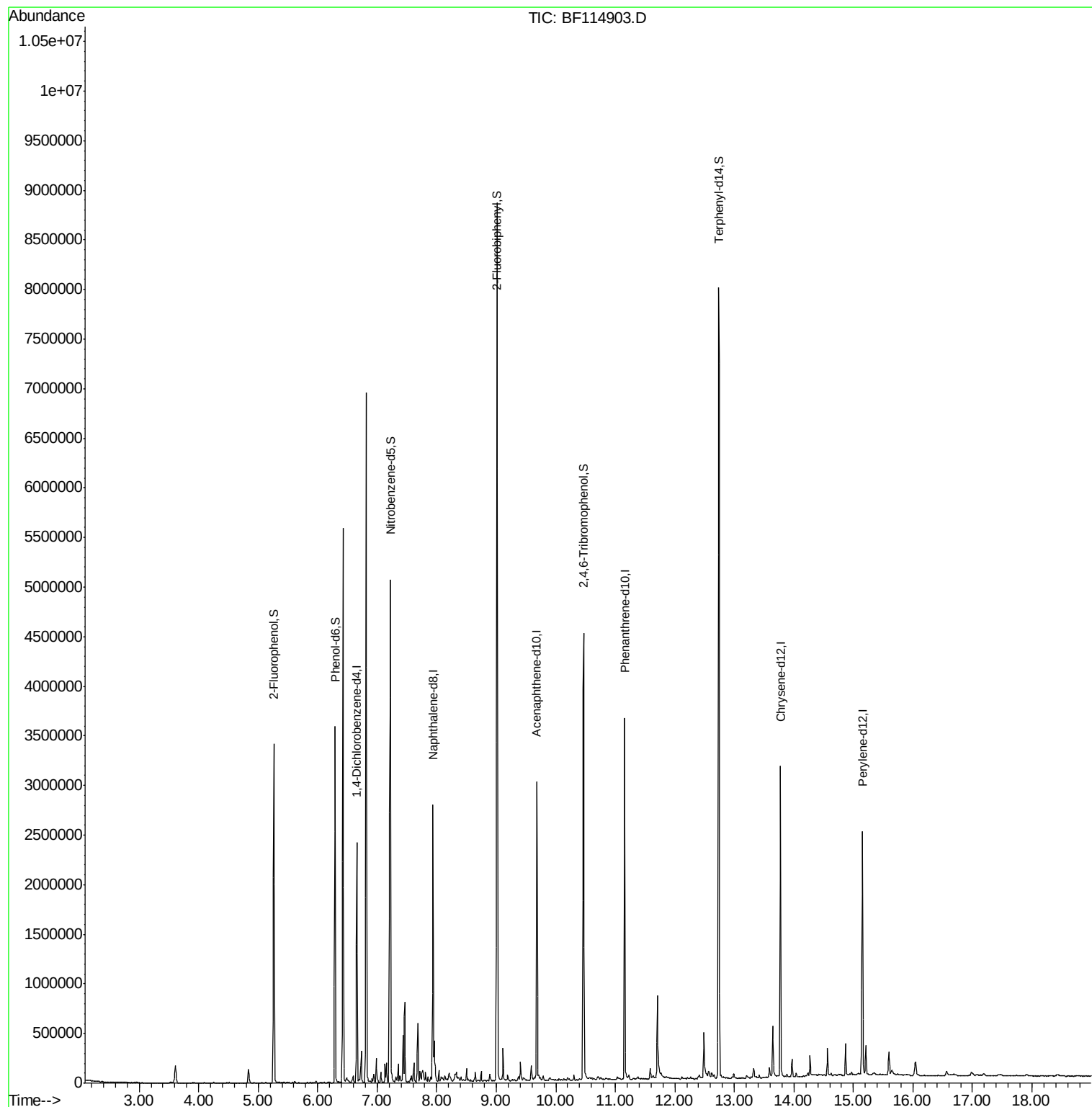
Target Compounds	Qvalue
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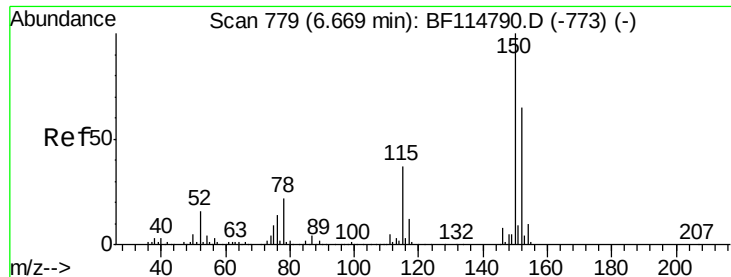
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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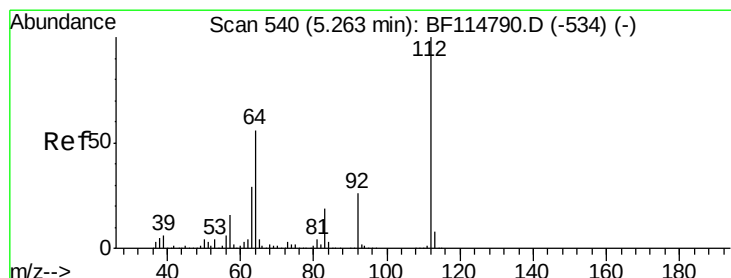
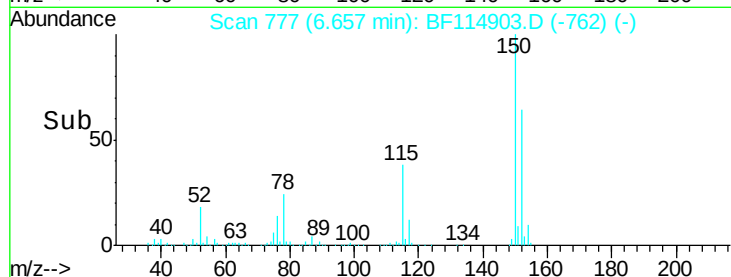
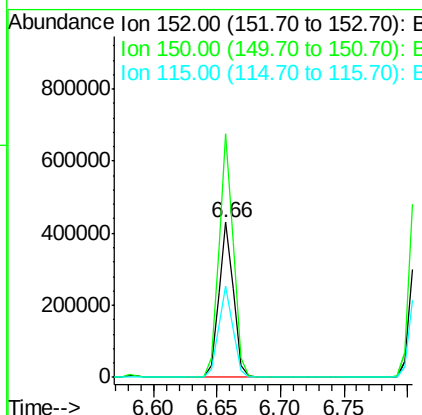
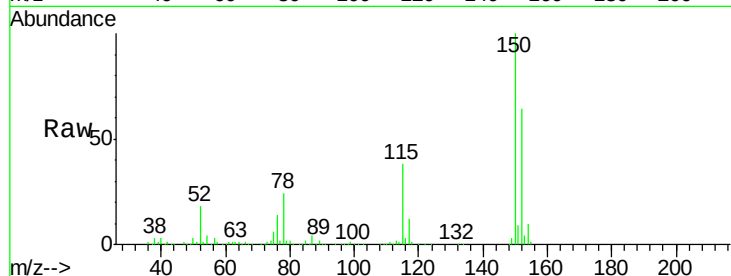


#1

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

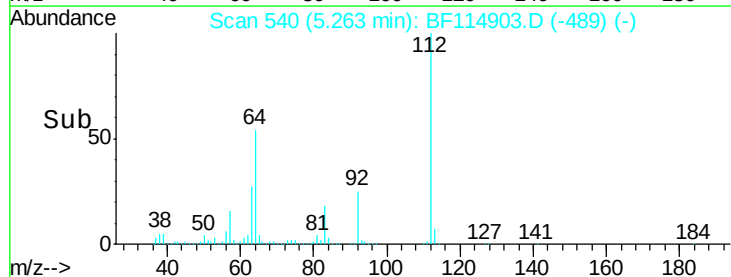
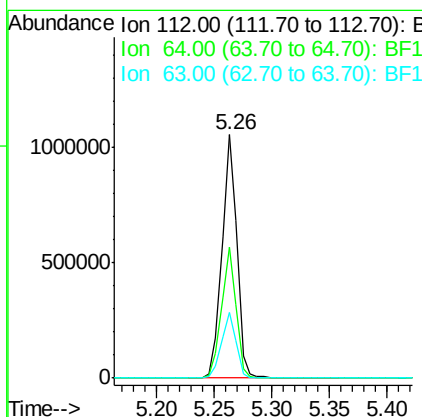
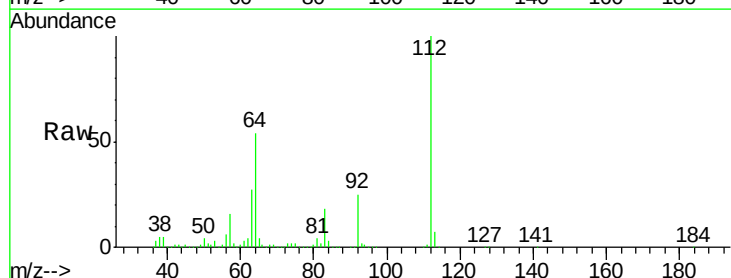
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.0	186.0
115	59.2	46.3	69.5

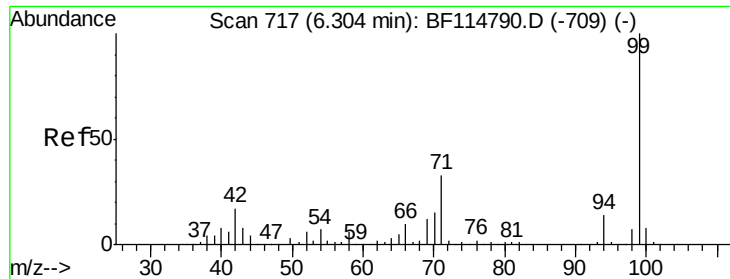


#5

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





#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

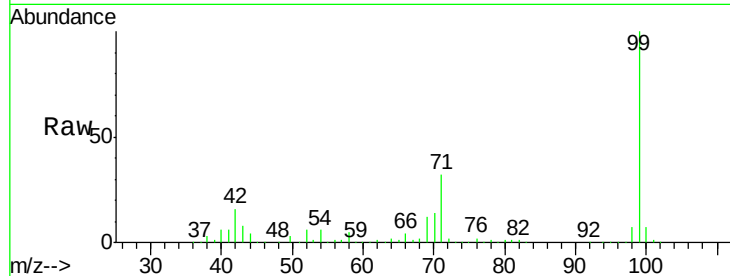
Tot Ion: 99 Resp: 1208938

Ion Ratio Lower Upper

99 100

42 15.5 13.3 19.9

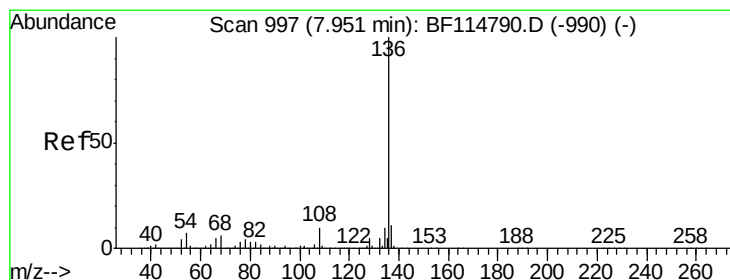
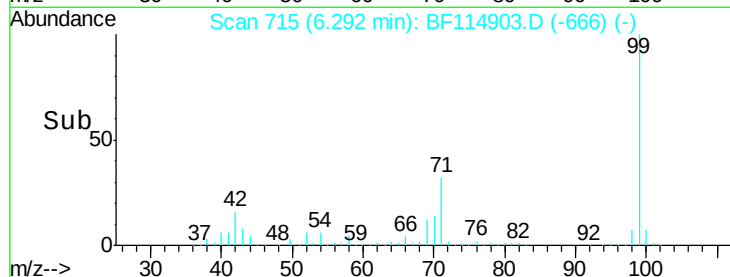
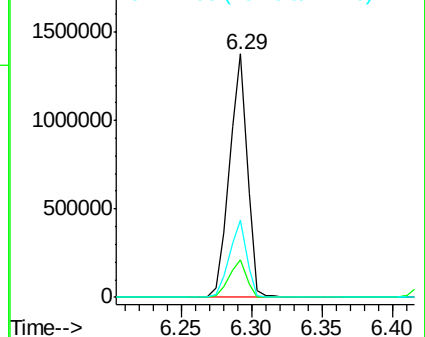
71 31.8 26.3 39.5



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



#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

Tgt Ion: 136 Resp: 1321266

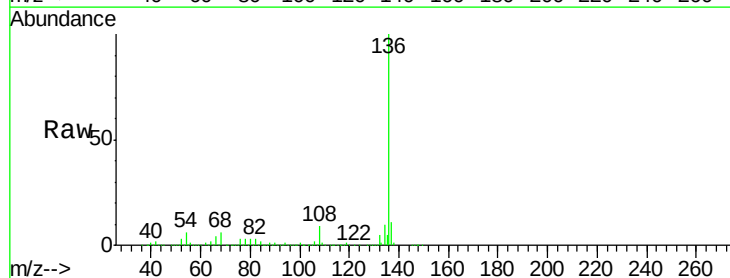
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.3 5.4 8.0

68 5.6 4.6 6.8

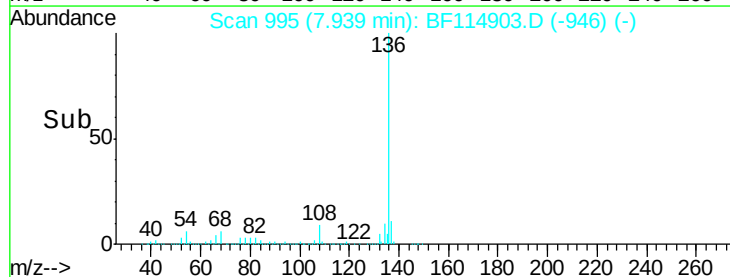
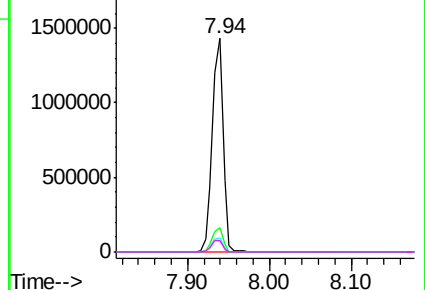


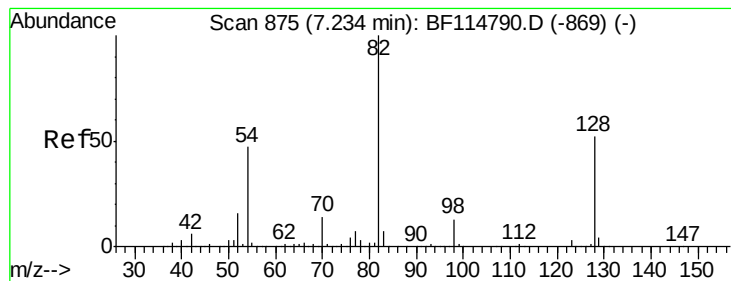
Abundance Ion 136.00 (135.70 to 136.70): E

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

Instrument :

BNA_F

ClientSampleId :

P-4-OW

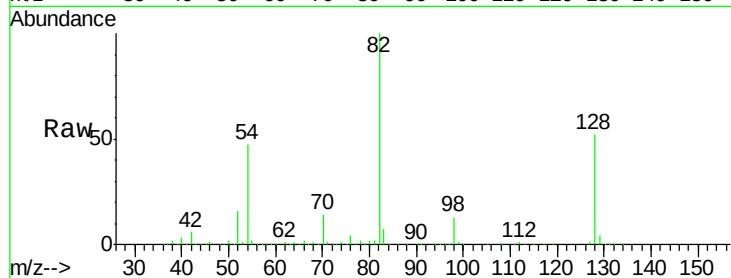
Tot Ion: 82 Resp: 1809503

Ion Ratio Lower Upper

82 100

128 51.7 41.8 62.6

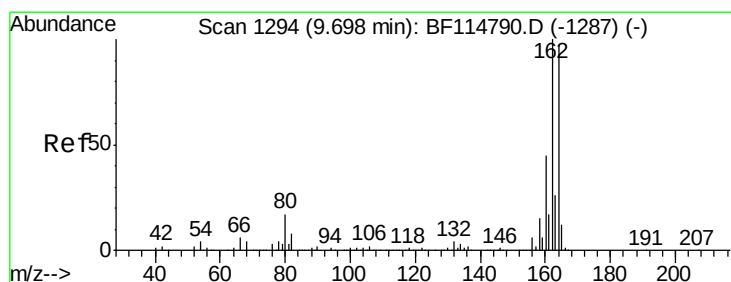
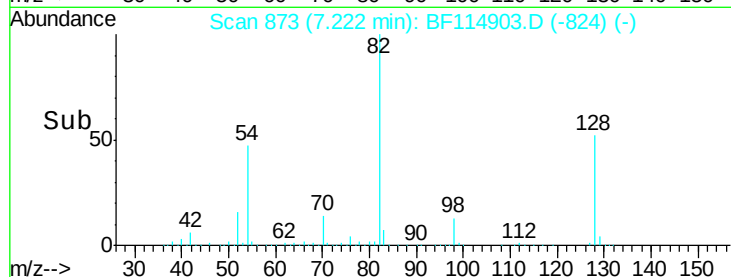
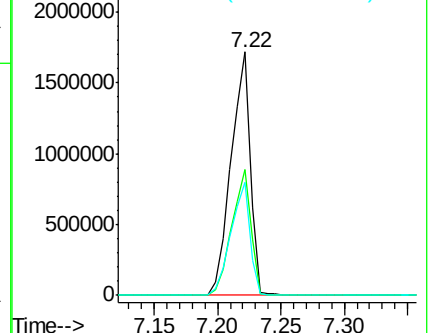
54 46.6 37.9 56.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): 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

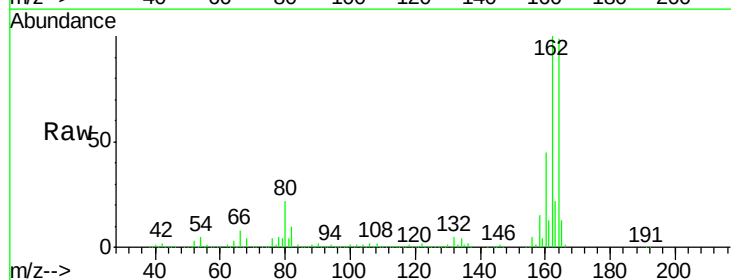
Tgt Ion:164 Resp: 660185

Ion Ratio Lower Upper

164 100

162 101.3 82.3 123.5

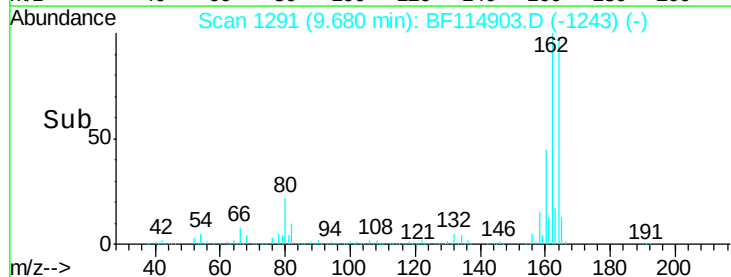
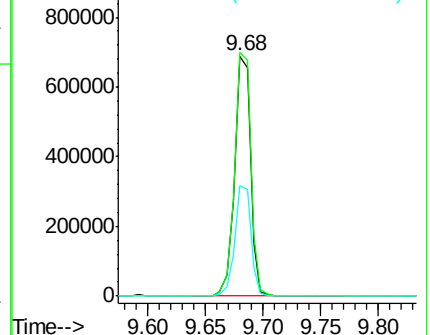
160 45.9 36.7 55.1

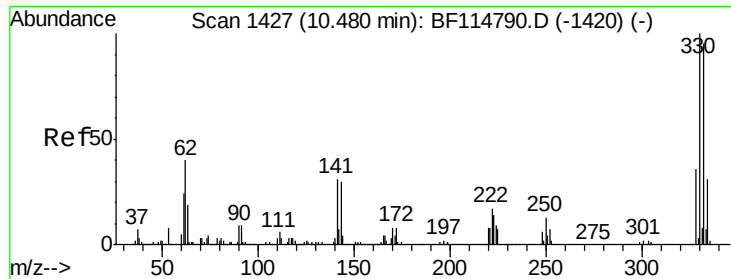


Abundance Ion 164.00 (163.70 to 164.70): E

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

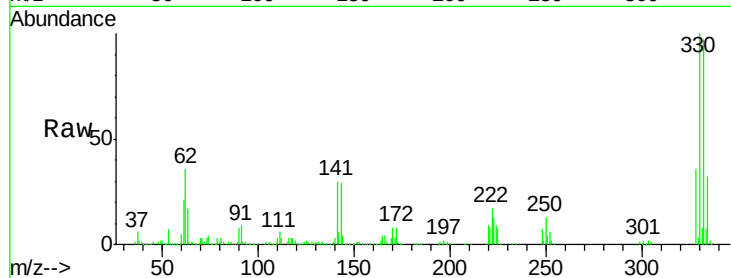
Tot Ion:330 Resp: 599144

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

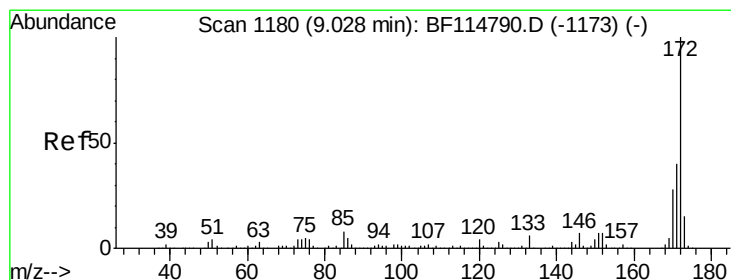
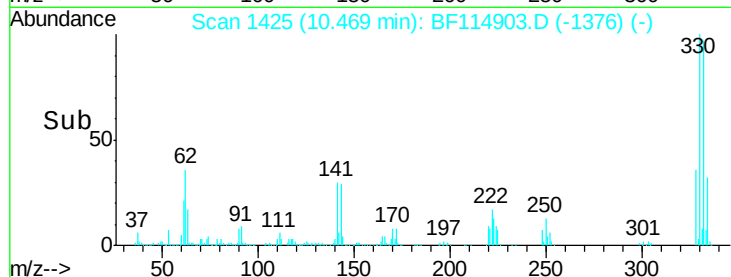
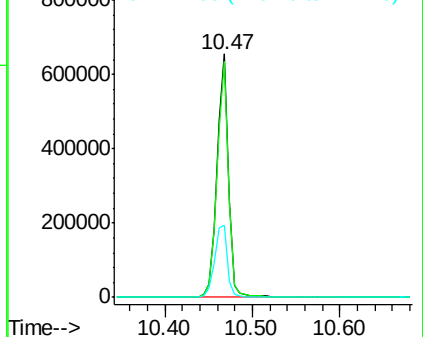
141 33.8 26.2 39.4



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

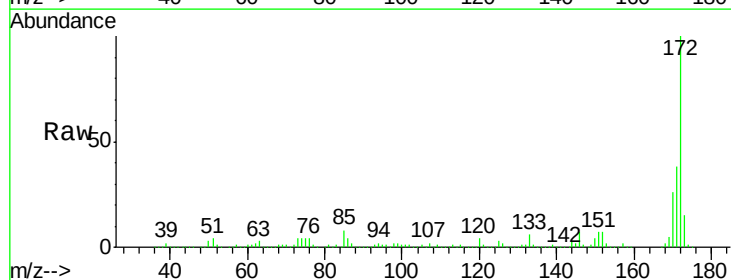
Tgt Ion:172 Resp: 3208883

Ion Ratio Lower Upper

172 100

171 38.3 32.3 48.5

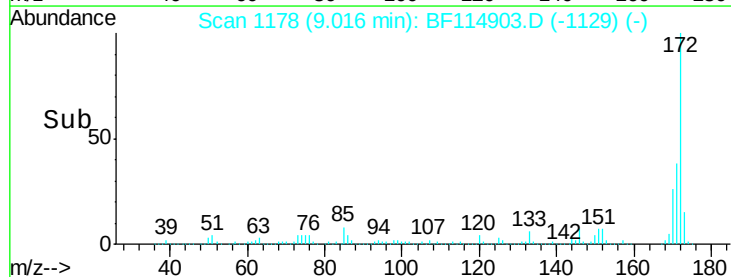
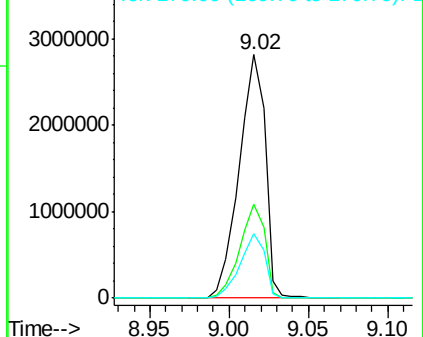
170 26.4 22.4 33.6

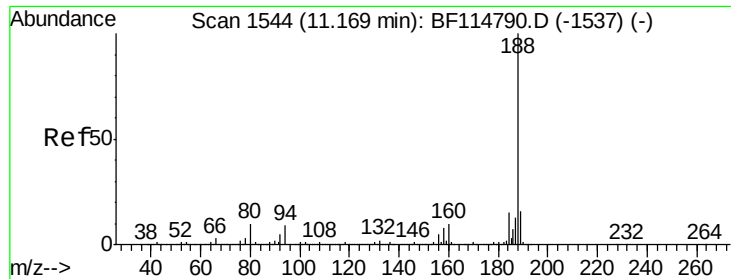


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#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

Instrument :

BNA_F

ClientSampleId :

P-4-OW

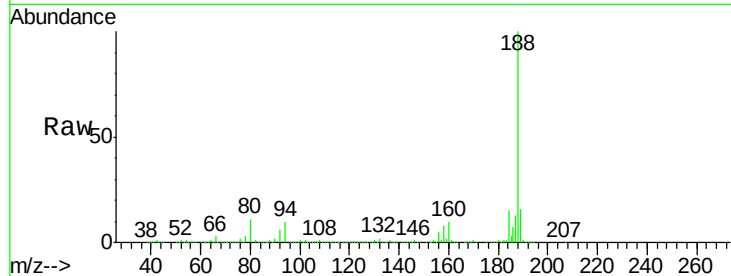
Tot Ion:188 Resp: 1271611

Ion Ratio Lower Upper

188 100

94 10.0 7.6 11.4

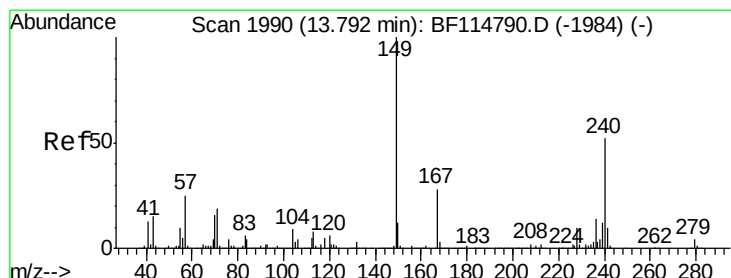
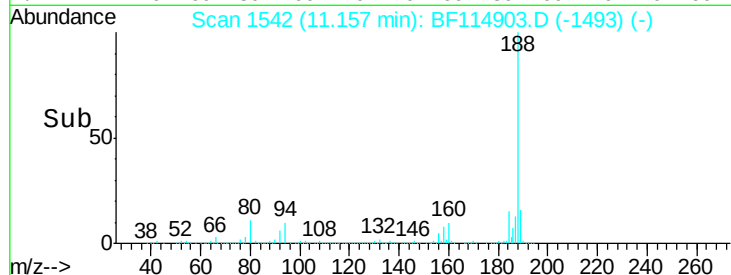
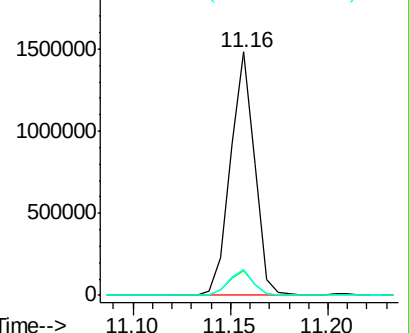
80 10.6 8.3 12.5



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



#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

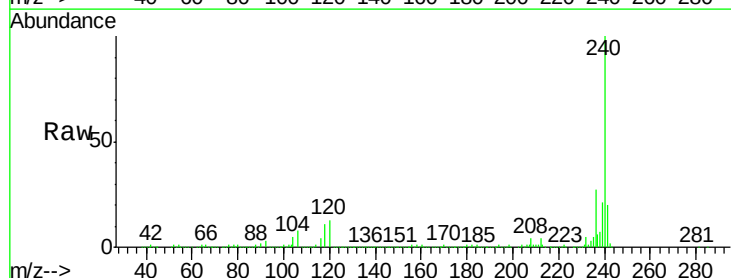
Tgt Ion:240 Resp: 1015217

Ion Ratio Lower Upper

240 100

120 12.8 9.0 13.4

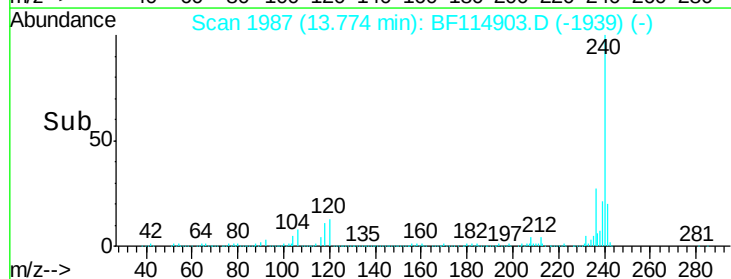
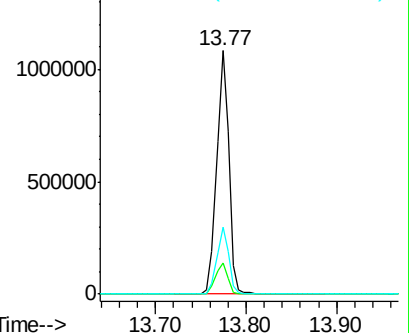
236 27.3 21.4 32.0

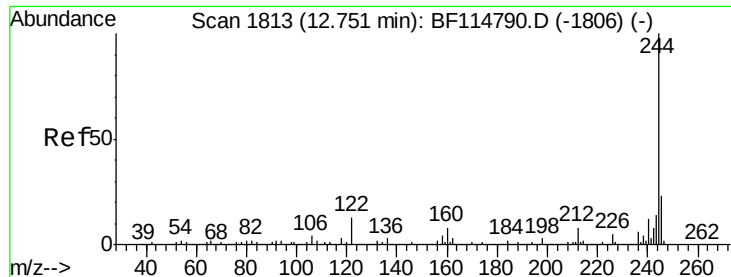


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

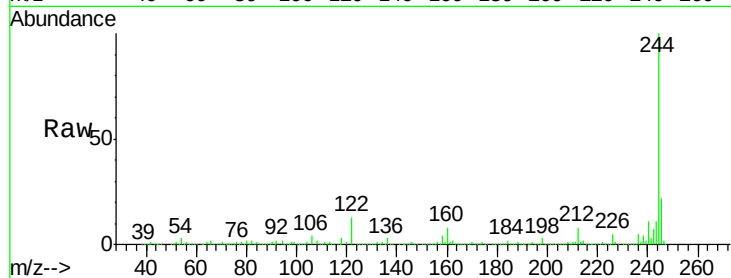




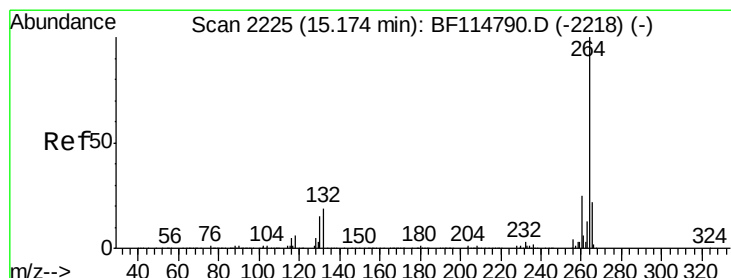
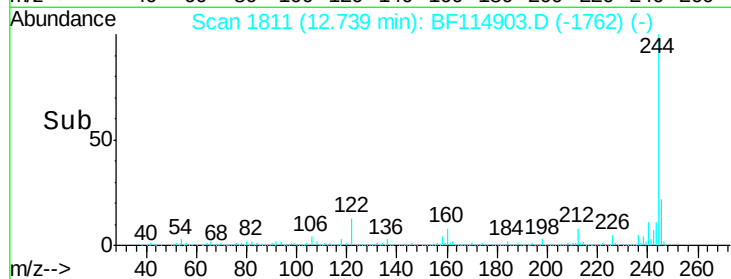
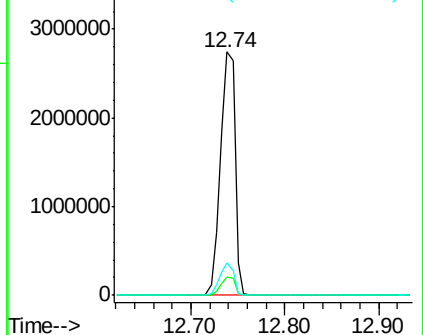
#79
 Terphenyl-d14
 Concen: 57.666 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF114903.D
 Acq: 7 Jun 2019 21:14

Instrument :
 BNA_F
 ClientSampleId :
 P-4-OW

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

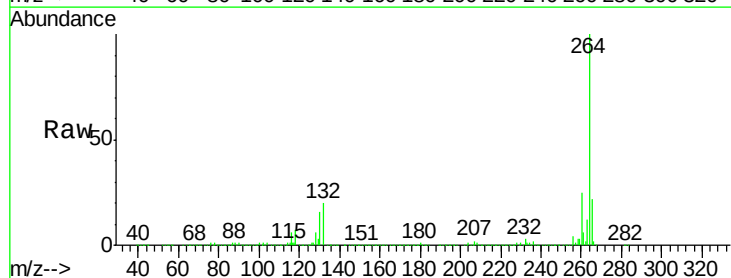


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#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

