

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118196.D
 Acq On : 13 Dec 2019 19:55
 Operator : JU
 Sample : K6186-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S32-GAC-IDW01

Quant Time: Dec 13 23:52:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

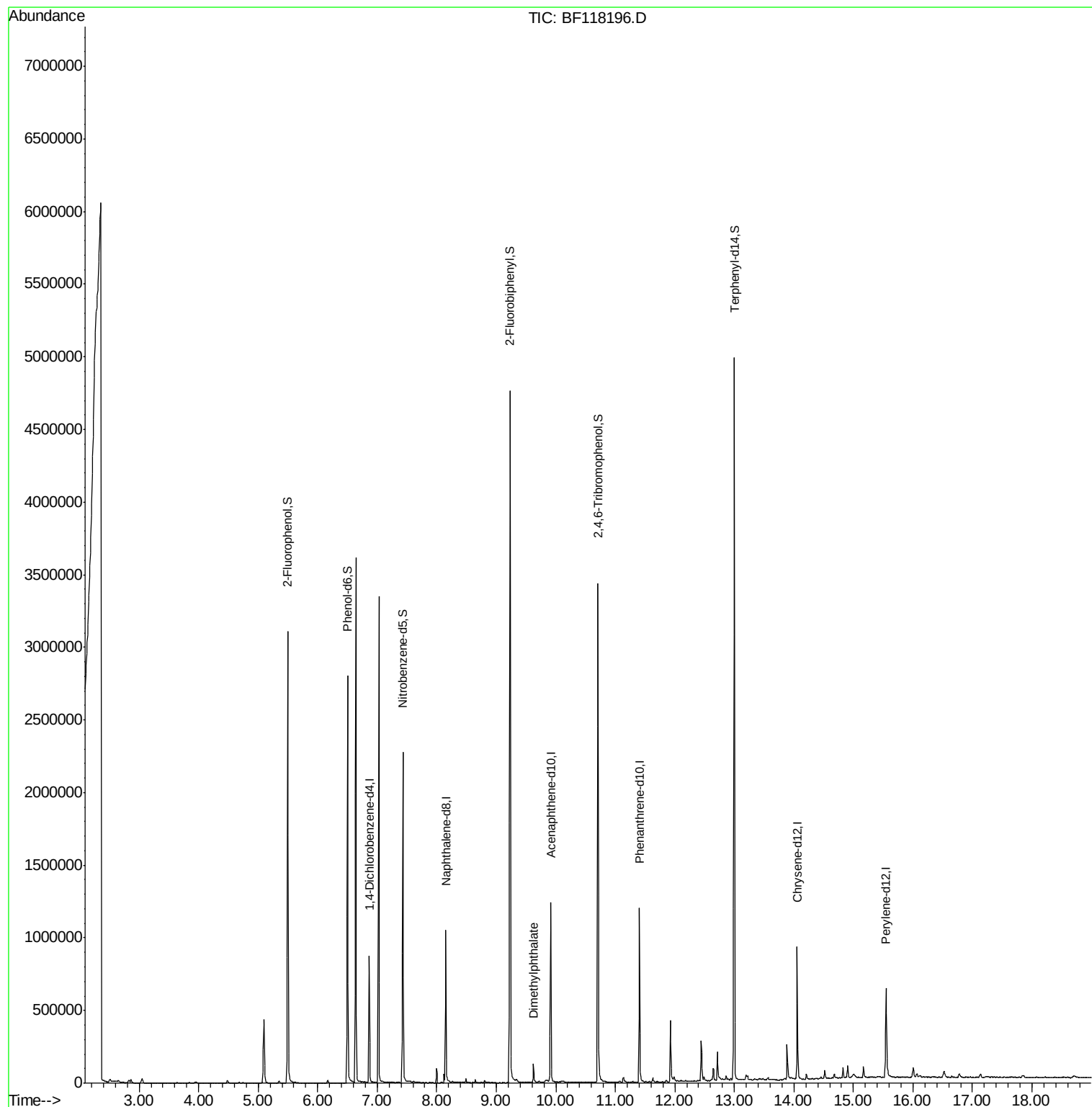
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	129787	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	498708	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	262898	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	491530	20.00	ng	0.00
76) Chrysene-d12	14.06	240	311511	20.00	ng	-0.01
87) Perylene-d12	15.55	264	303644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	888289	119.87	ng	0.02
7) Phenol-d6	6.50	99	959577	107.06	ng	0.00
23) Nitrobenzene-d5	7.43	82	753398	84.99	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	434655	136.10	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1563217	90.48	ng	0.00
79) Terphenyl-d14	13.00	244	1846999	101.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	60620	3.122	ng	Qvalue 97

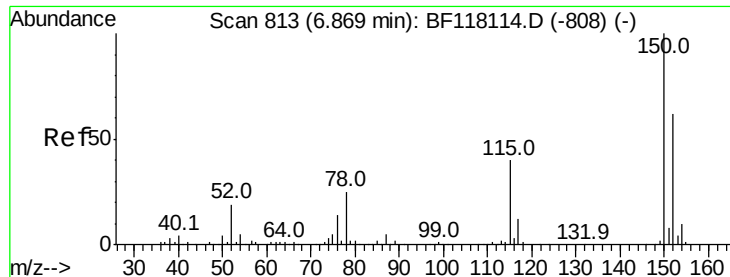
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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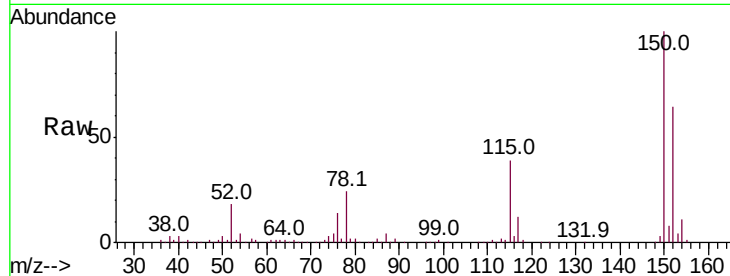


#1

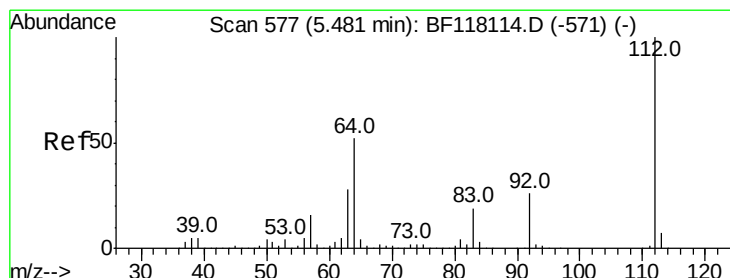
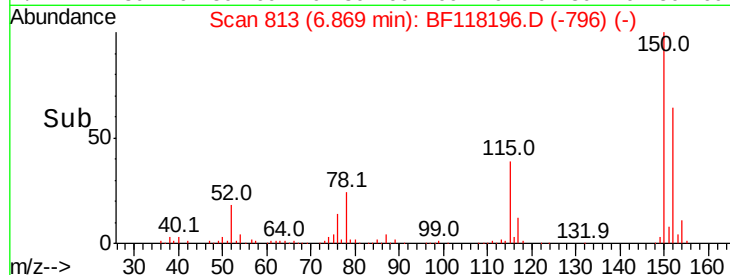
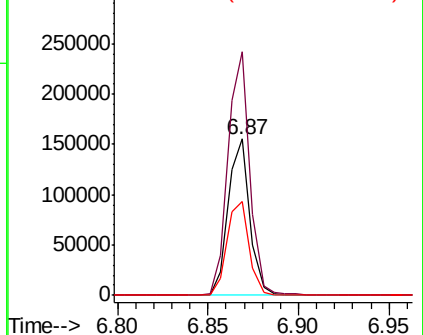
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Instrument :
BNA_F
ClientSampleId :
S32-GAC-IDW01

Tot Ion:152 Resp: 129787
Ion Ratio Lower Upper
152 100
150 155.7 128.3 192.5
115 60.2 51.1 76.7



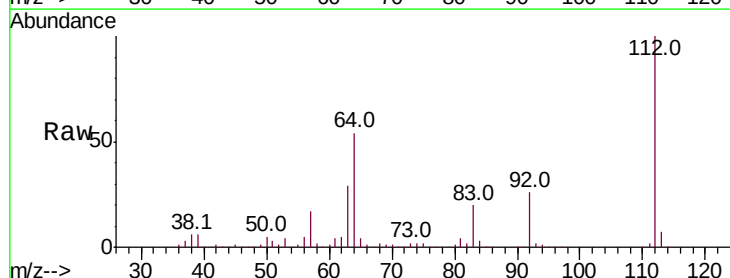
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



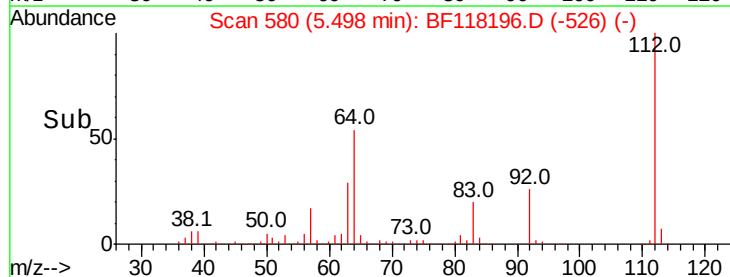
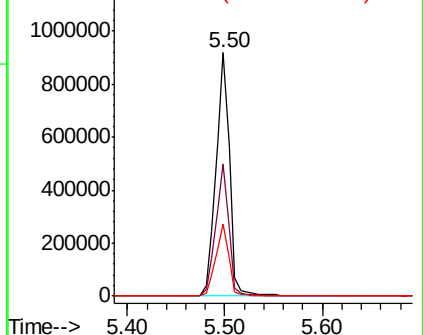
#5

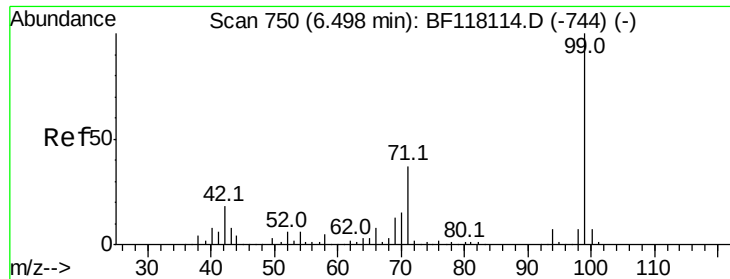
2-Fluorophenol
Concen: 119.874 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF118196.D
Acq: 13 Dec 2019 19:55

Tgt Ion:112 Resp: 888289
Ion Ratio Lower Upper
112 100
64 54.4 41.3 61.9
63 29.4 22.4 33.6



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: 107.062 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118196.D

Acq: 13 Dec 2019 19:55

Instrument :

BNA_F

ClientSampleId :

S32-GAC-IDW01

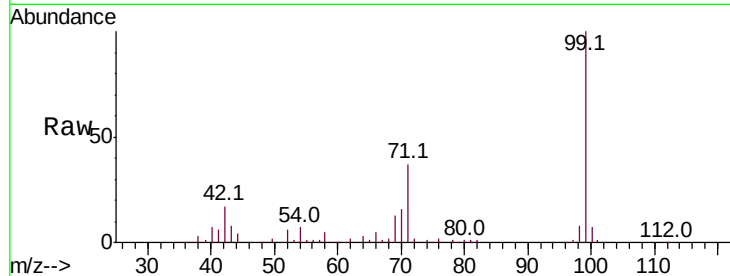
Tot Ion: 99 Resp: 959577

Ion Ratio Lower Upper

99 100

42 17.1 14.1 21.1

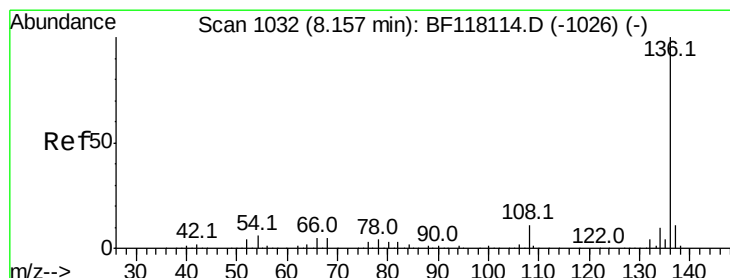
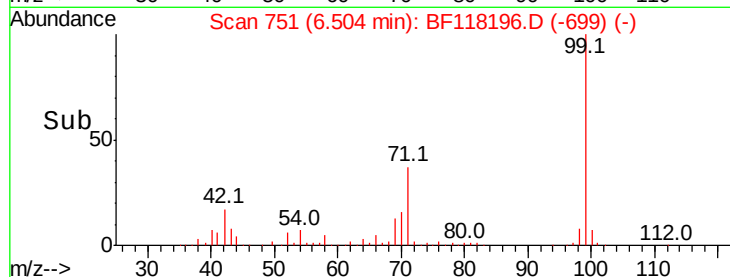
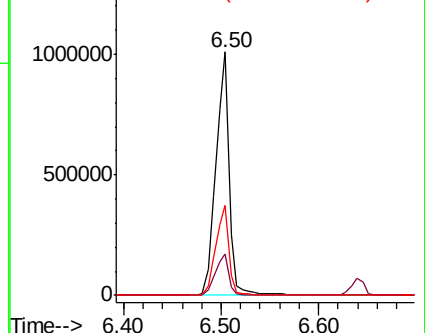
71 37.0 29.7 44.5



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118196.D

Acq: 13 Dec 2019 19:55

Tgt Ion: 136 Resp: 498708

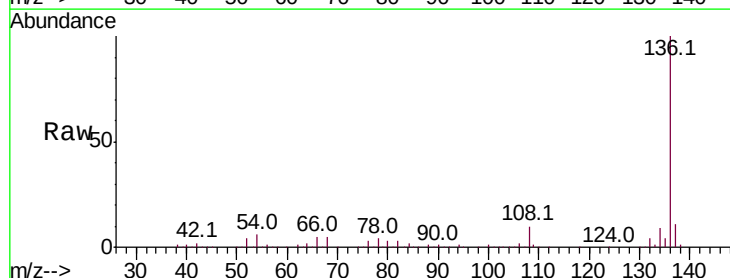
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.4 5.0 7.6

68 4.7 3.8 5.8

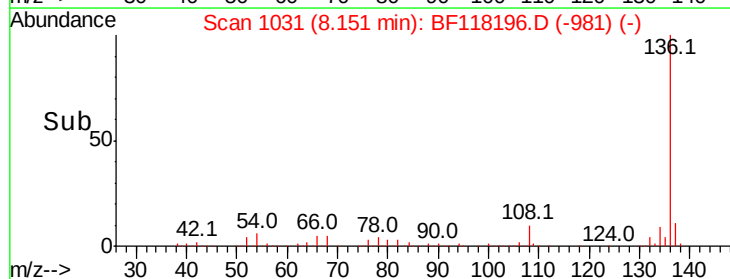
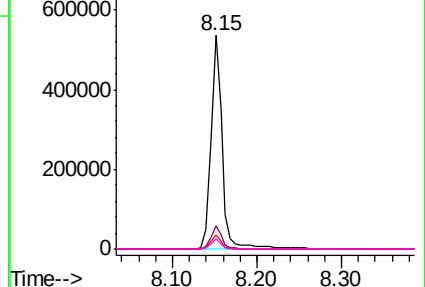


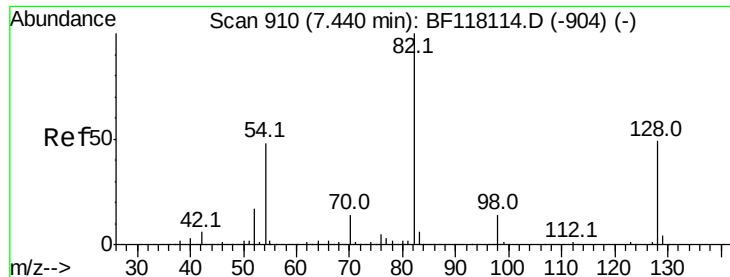
Abundance Ion 136.00 (135.70 to 136.70): E

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

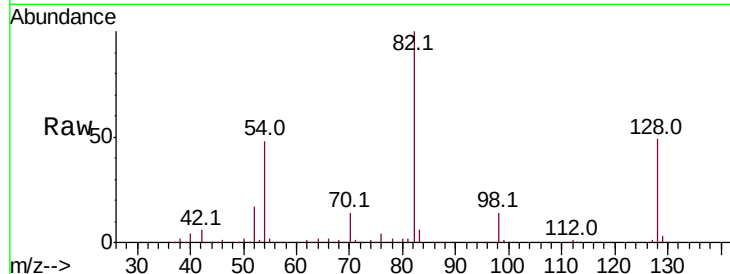




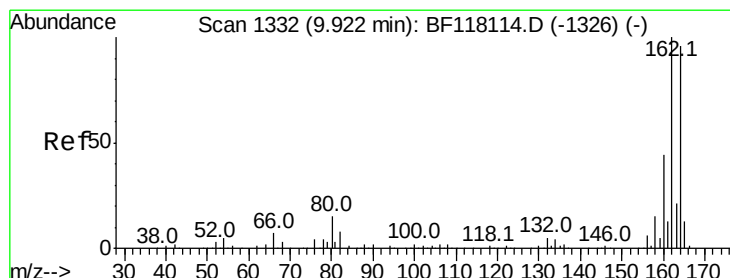
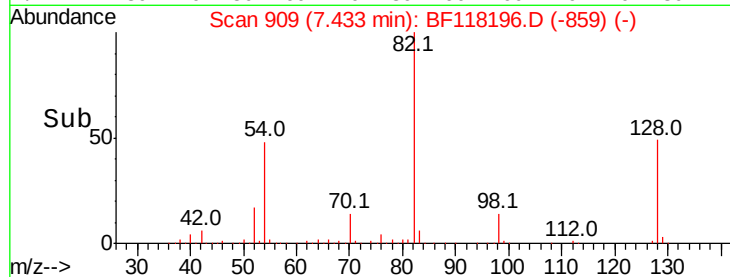
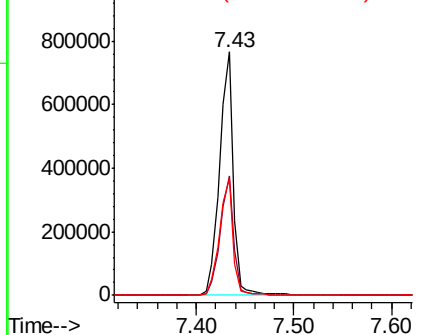
#23
 Nitrobenzene-d5
 Concen: 84.989 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118196.D
 Acq: 13 Dec 2019 19:55

Instrument :
 BNA_F
 ClientSampleId :
 S32-GAC-IDW01

Tot Ion	82	Resp	753398
Ion Ratio	Lower	Upper	
82	100		
128	48.8	39.1	58.7
54	48.1	38.2	57.2

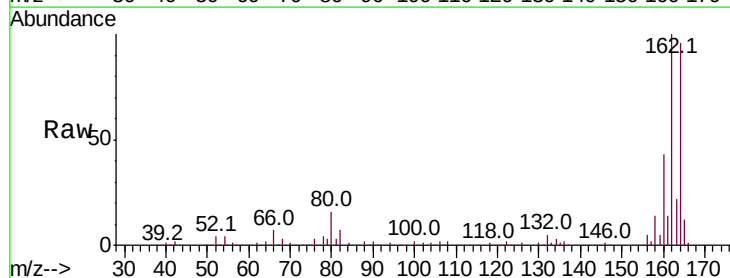


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

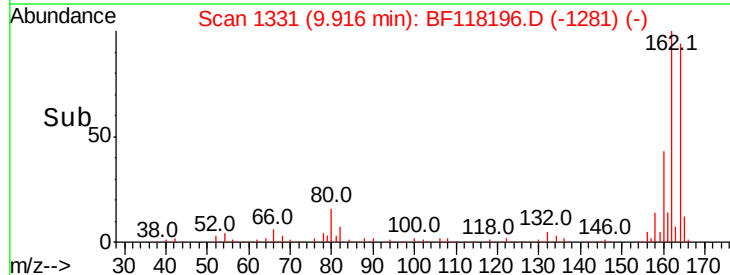
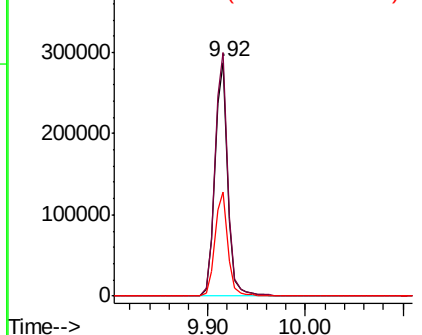


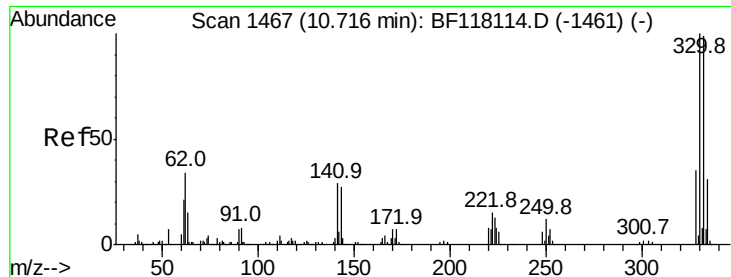
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118196.D
 Acq: 13 Dec 2019 19:55

Tgt Ion	164	Resp	262898
Ion Ratio	Lower	Upper	
164	100		
162	104.3	83.4	125.0
160	44.8	36.6	54.8



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

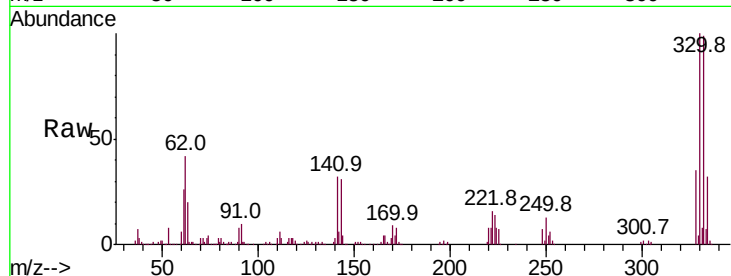




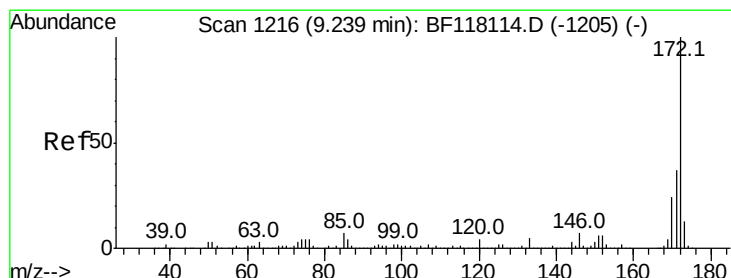
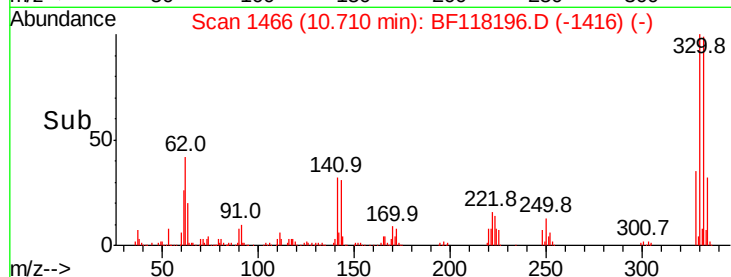
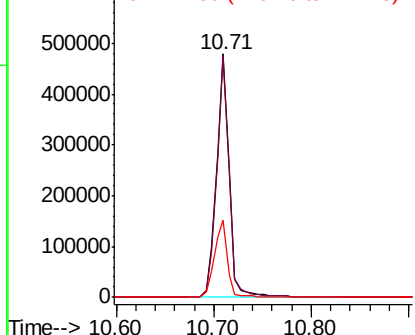
#42
 2,4,6-Tribromophenol
 Concen: 136.096 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118196.D
 Acq: 13 Dec 2019 19:55

Instrument :
 BNA_F
 ClientSampleId :
 S32-GAC-IDW01

Tot Ion:330 Resp: 434655
 Ion Ratio Lower Upper
 330 100
 332 98.2 78.1 117.1
 141 32.5 26.9 40.3

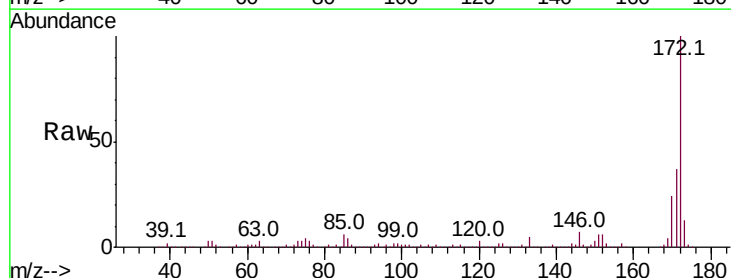


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

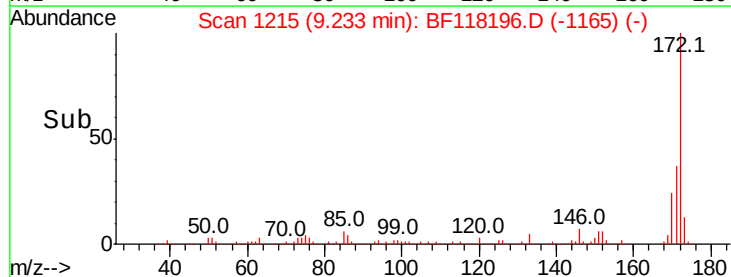
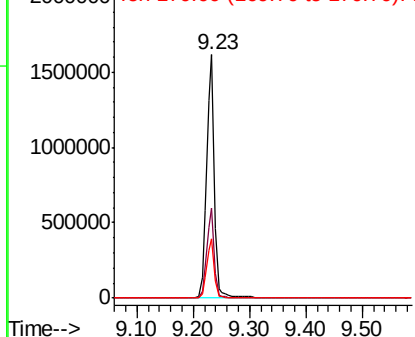


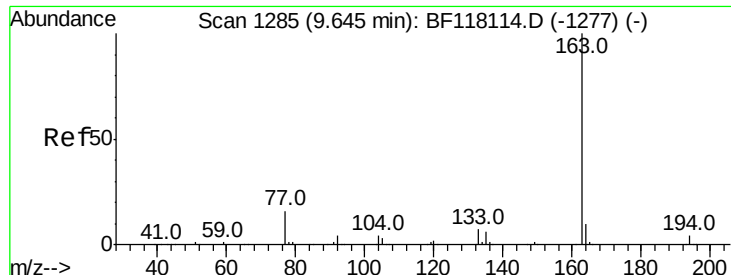
#45
 2-Fluorobiphenyl
 Concen: 90.479 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118196.D
 Acq: 13 Dec 2019 19:55

Tgt Ion:172 Resp: 1563217
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.2 43.8
 170 24.3 19.4 29.2



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: 3.122 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF118196.D

Acq: 13 Dec 2019 19:55

Instrument :

BNA_F

ClientSampleId :

S32-GAC-IDW01

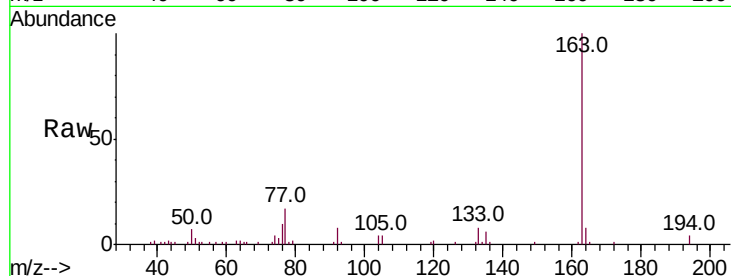
Tot Ion:163 Resp: 60620

Ion Ratio Lower Upper

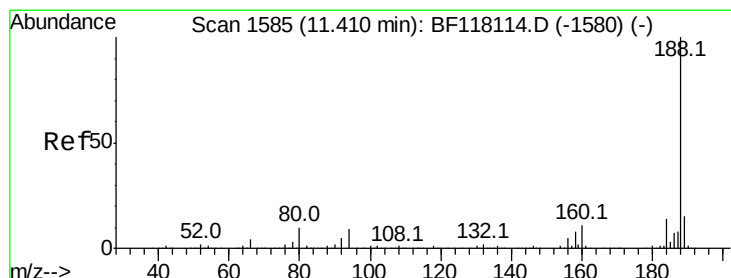
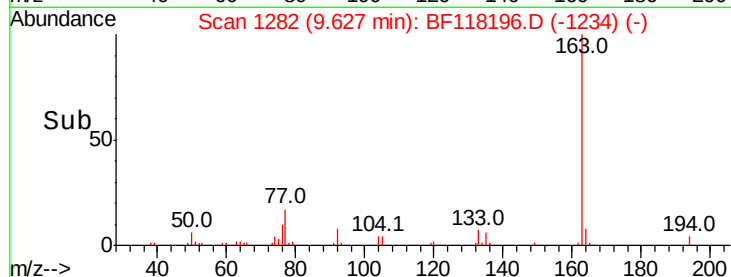
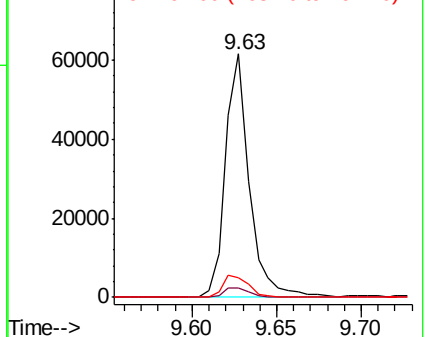
163 100

194 3.7 3.1 4.7

164 8.0 7.7 11.5



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118196.D

Acq: 13 Dec 2019 19:55

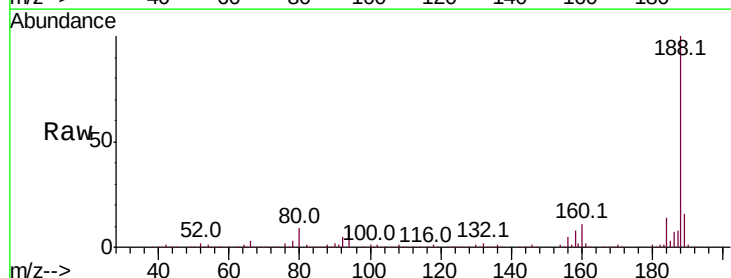
Tgt Ion:188 Resp: 491530

Ion Ratio Lower Upper

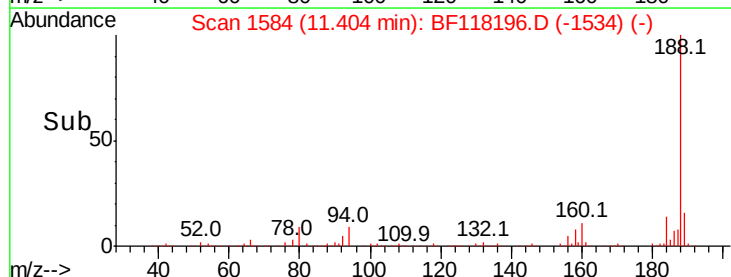
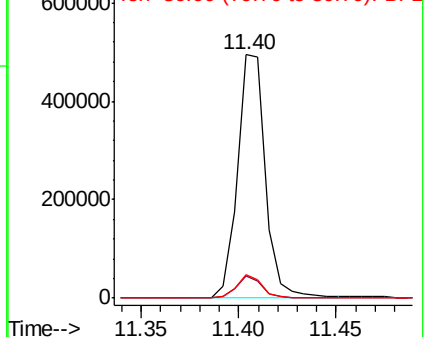
188 100

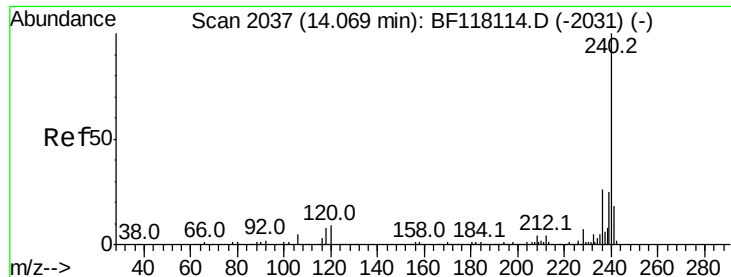
94 9.0 7.1 10.7

80 9.4 7.9 11.9



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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118196.D

Acq: 13 Dec 2019 19:55

Instrument :

BNA_F

ClientSampleId :

S32-GAC-IDW01

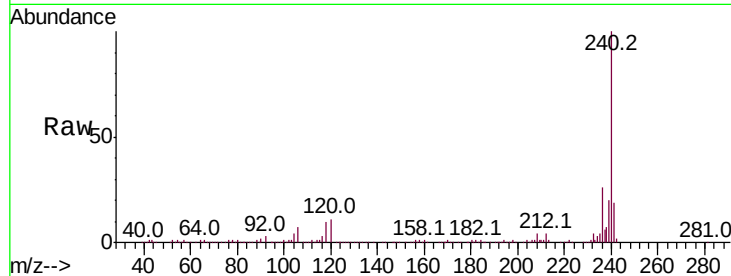
Tot Ion:240 Resp: 311511

Ion Ratio Lower Upper

240 100

120 11.2 7.1 10.7#

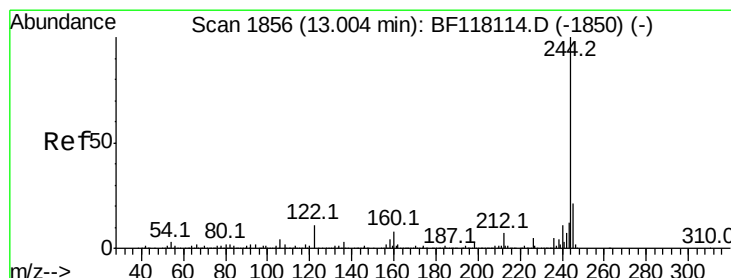
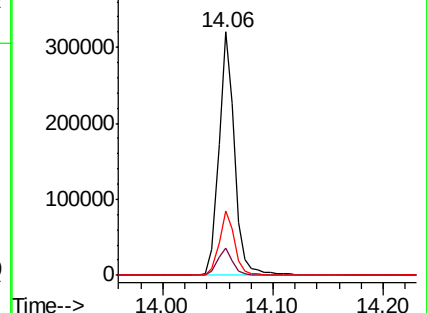
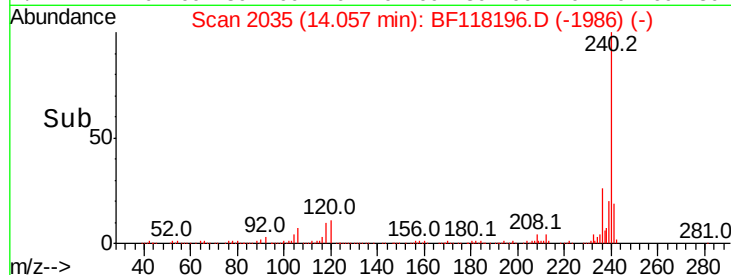
236 26.2 21.0 31.6



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: 101.959 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118196.D

Acq: 13 Dec 2019 19:55

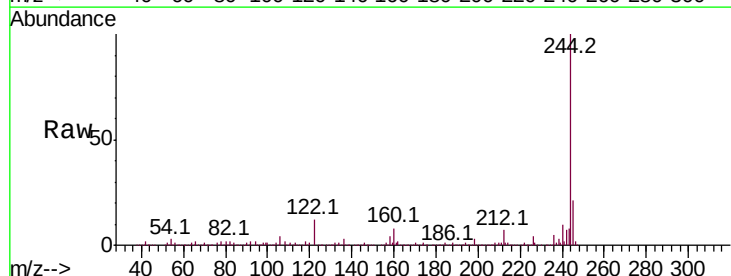
Tgt Ion:244 Resp: 1846999

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

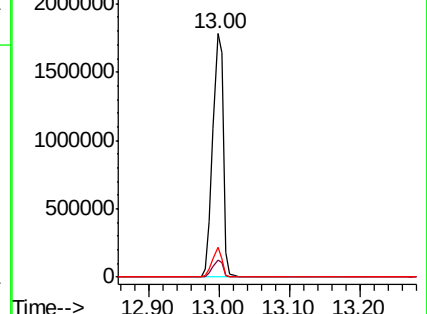
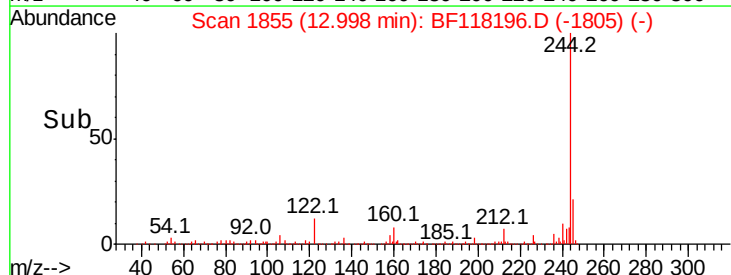
122 12.1 9.0 13.6

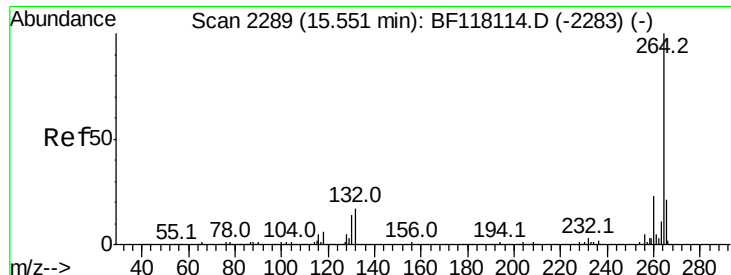


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

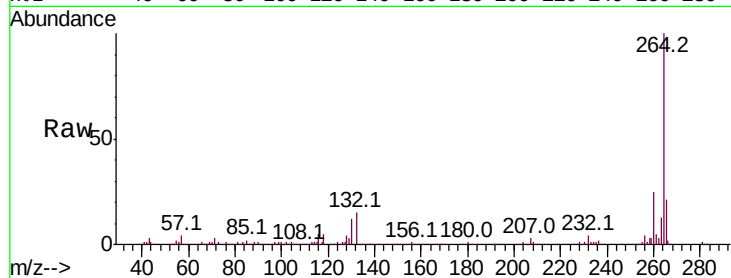




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BF118196.D
 Acq: 13 Dec 2019 19:55

Instrument :
 BNA_F
 ClientSampleId :
 S32-GAC-IDW01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	21.2	16.8	25.2



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

