

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118183.D
 Acq On : 13 Dec 2019 13:44
 Operator : JU
 Sample : PB125420BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125420BL

Quant Time: Dec 13 17:54:45 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	129981	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	508838	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	270354	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	533272	20.00	ng	0.00
76) Chrysene-d12	14.06	240	377686	20.00	ng	0.00
87) Perylene-d12	15.55	264	312943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	983858	132.57	ng	0.02
7) Phenol-d6	6.50	99	1212973	135.13	ng	0.00
23) Nitrobenzene-d5	7.43	82	743512	82.20	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	436075	132.78	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1533859	86.33	ng	0.00
79) Terphenyl-d14	13.00	244	1930763	87.91	ng	0.00

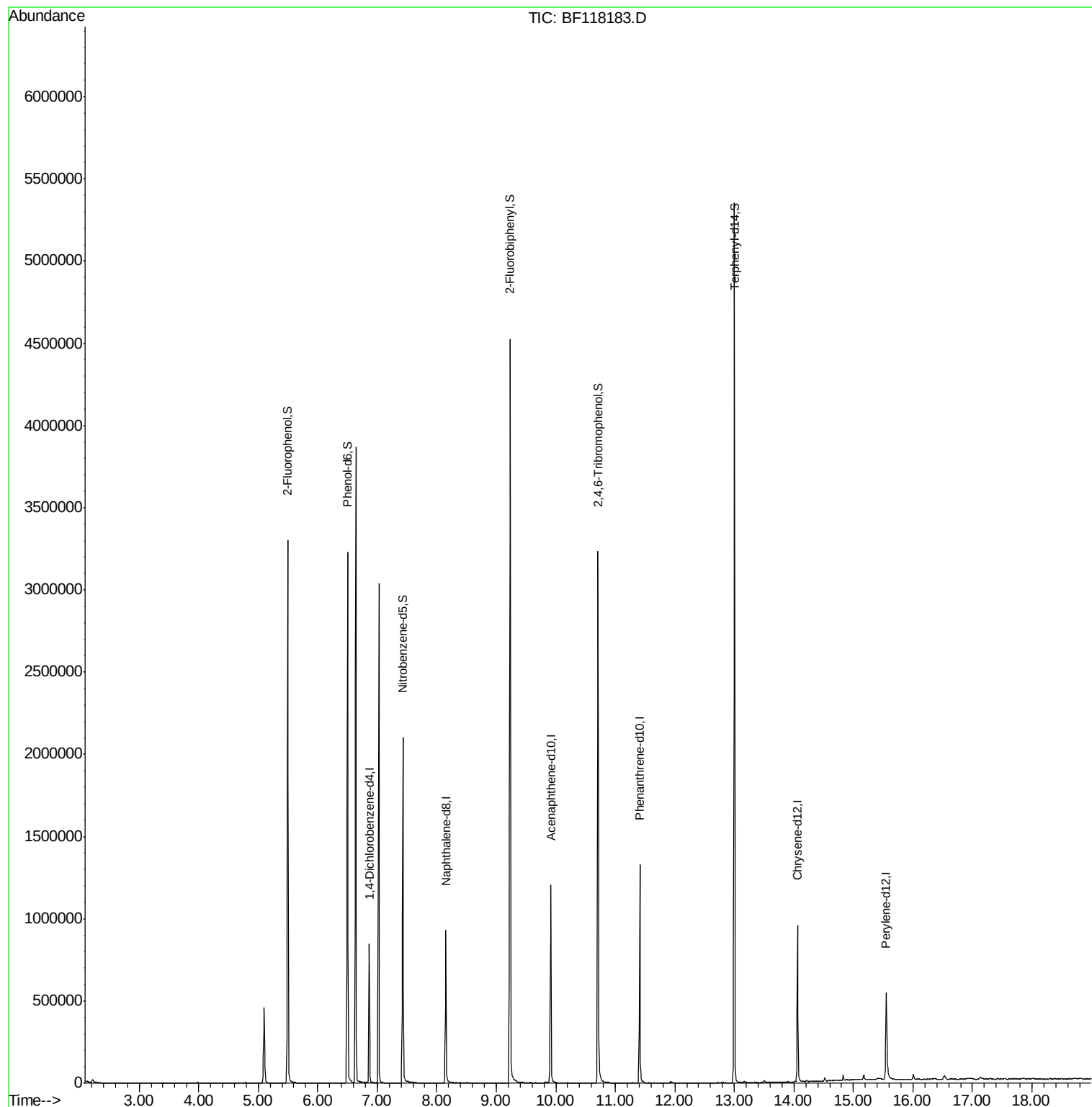
Target Compounds Qvalue

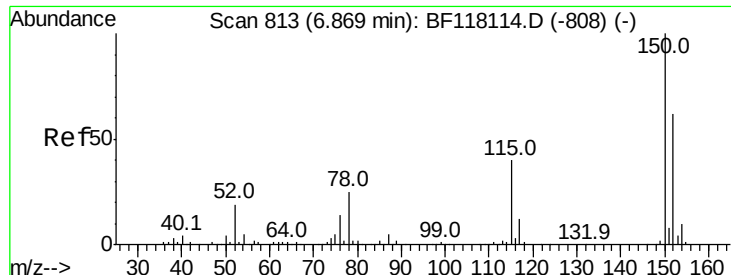
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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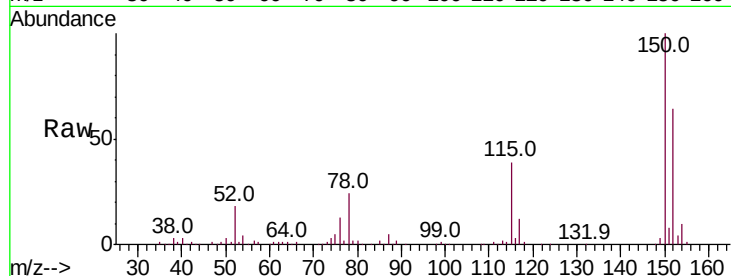


#1

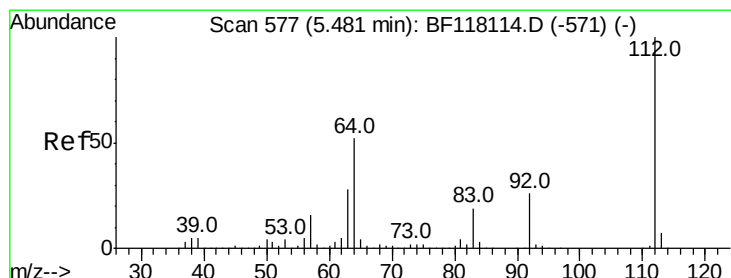
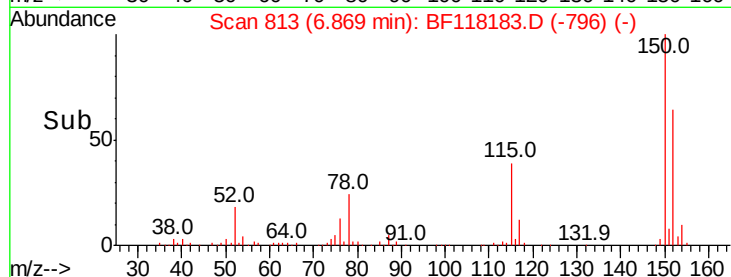
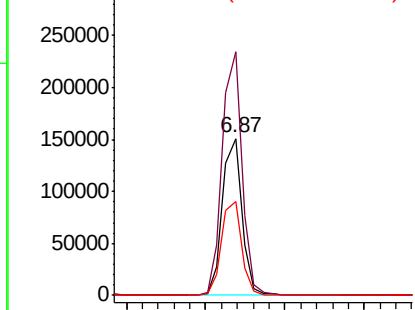
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118183.D
Acq: 13 Dec 2019 13:44

Instrument :
BNA_F
ClientSampleId :
PB125420BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	128.3	192.5
115	59.9	51.1	76.7



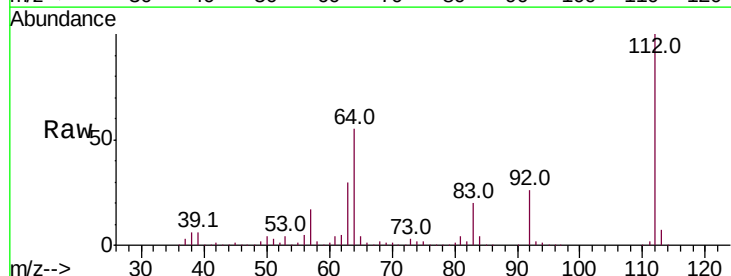
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



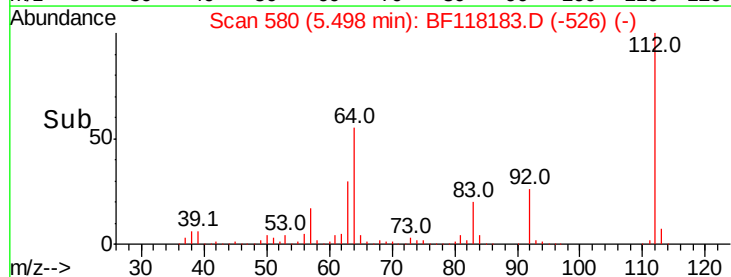
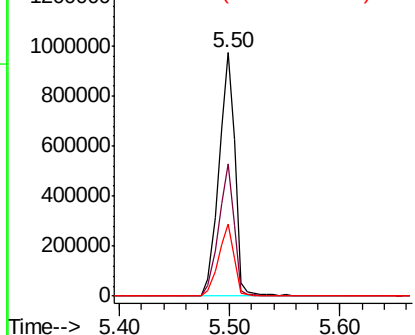
#5

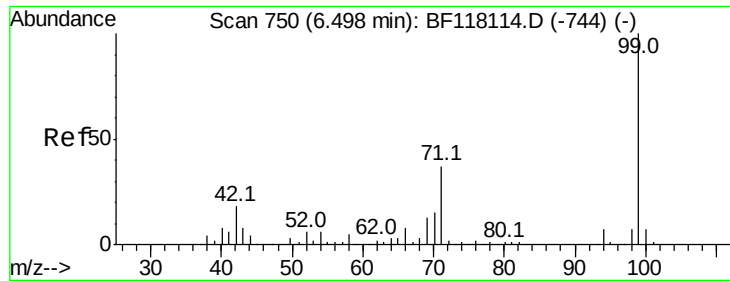
2-Fluorophenol
Concen: 132.573 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF118183.D
Acq: 13 Dec 2019 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	41.3	61.9
63	29.5	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: 135.131 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118183.D

Acq: 13 Dec 2019 13:44

Instrument :

BNA_F

ClientSampleId :

PB125420BL

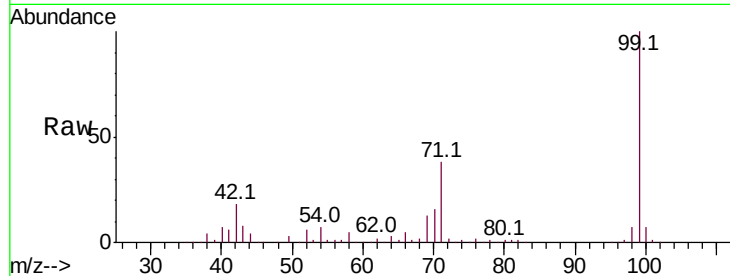
Tot Ion: 99 Resp: 1212973

Ion Ratio Lower Upper

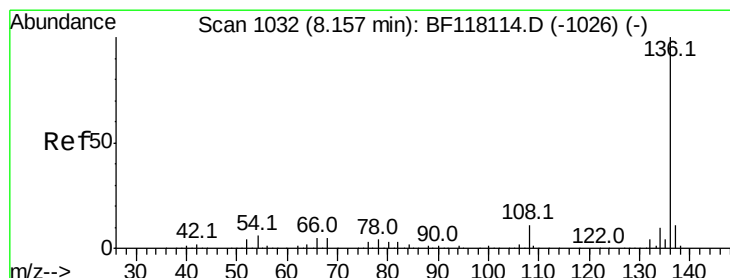
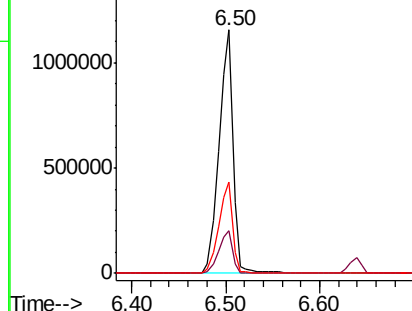
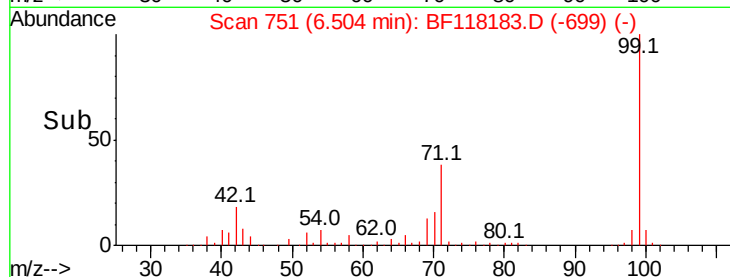
99 100

42 17.5 14.1 21.1

71 37.7 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: BF118183.D

Acq: 13 Dec 2019 13:44

Tgt Ion: 136 Resp: 508838

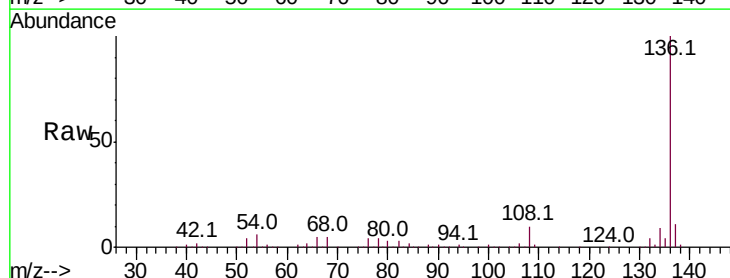
Ion Ratio Lower Upper

136 100

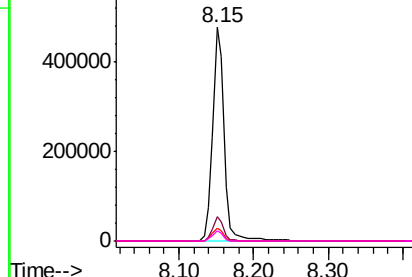
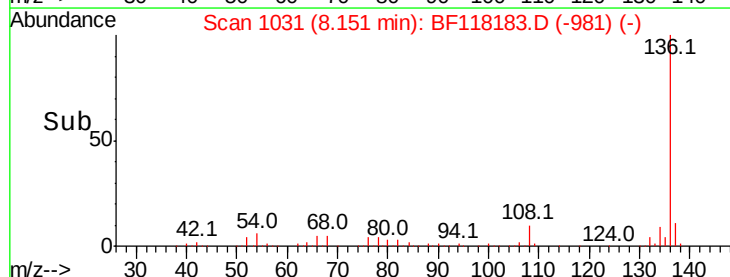
137 11.2 9.0 13.6

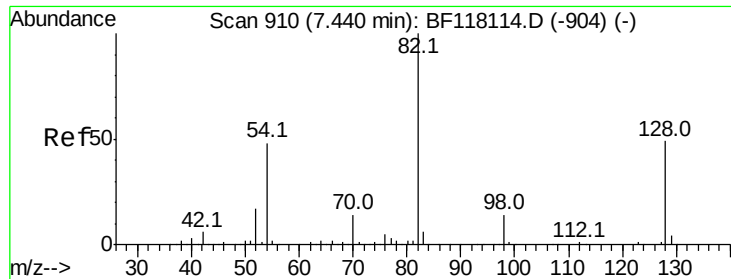
54 6.2 5.0 7.6

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: 82.204 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118183.D

Acq: 13 Dec 2019 13:44

Instrument :

BNA_F

ClientSampleId :

PB125420BL

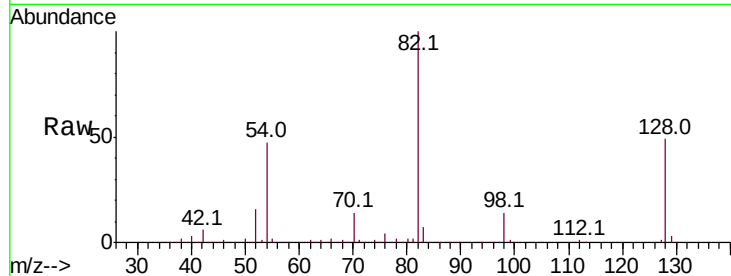
Tot Ion: 82 Resp: 743512

Ion Ratio Lower Upper

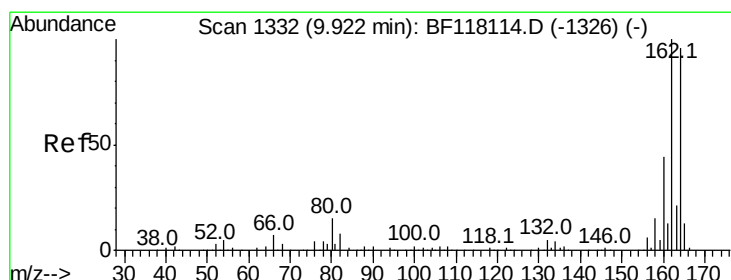
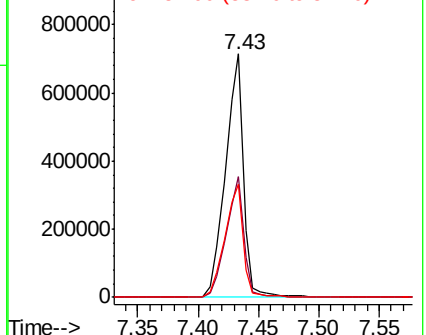
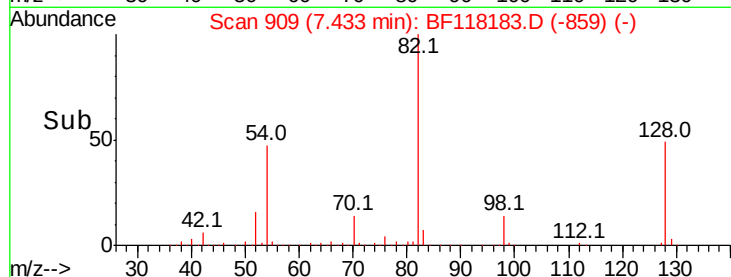
82 100

128 49.4 39.1 58.7

54 46.7 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: BF118183.D

Acq: 13 Dec 2019 13:44

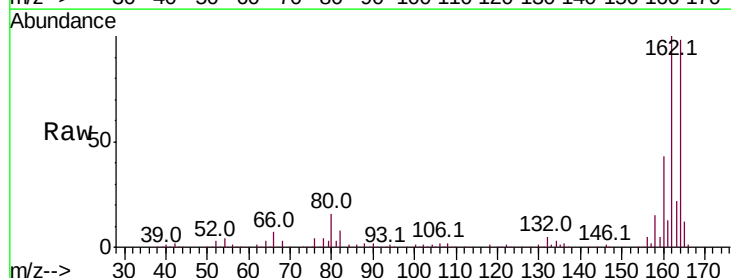
Tgt Ion:164 Resp: 270354

Ion Ratio Lower Upper

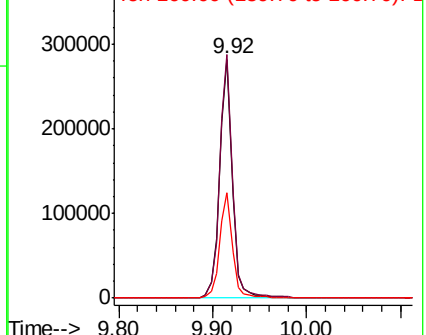
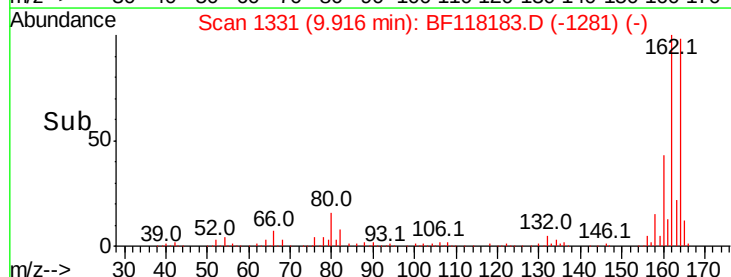
164 100

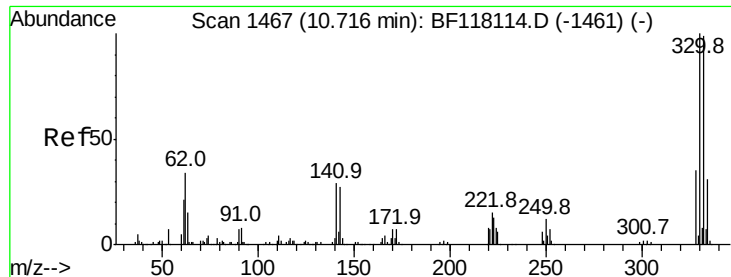
162 101.9 83.4 125.0

160 44.1 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

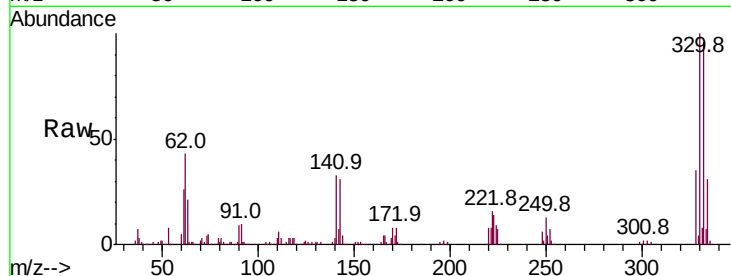




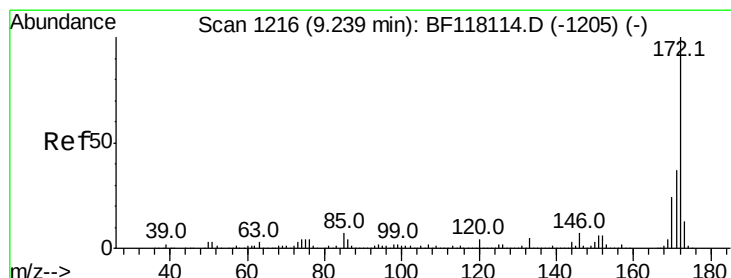
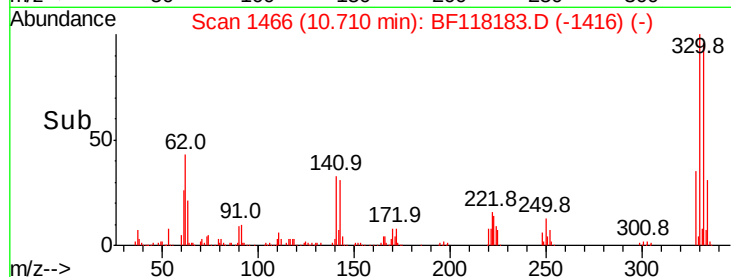
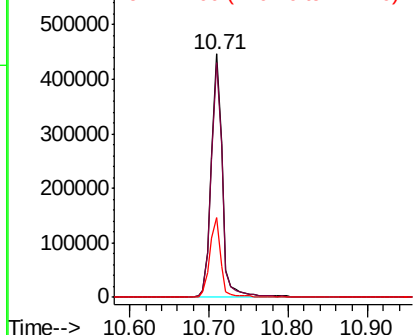
#42
2,4,6-Tribromophenol
Concen: 132.775 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118183.D
Acq: 13 Dec 2019 13:44

Instrument :
BNA_F
ClientSampleId :
PB125420BL

Tot Ion:330 Resp: 436075
Ion Ratio Lower Upper
330 100
332 95.9 78.1 117.1
141 33.1 26.9 40.3

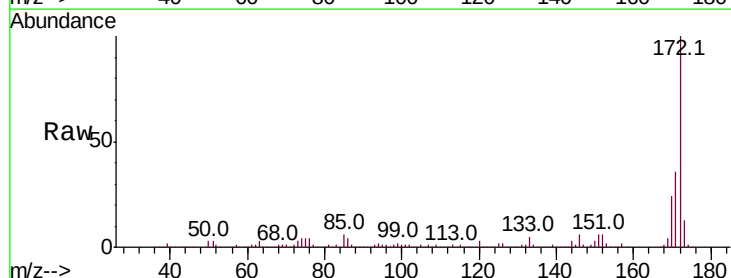


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

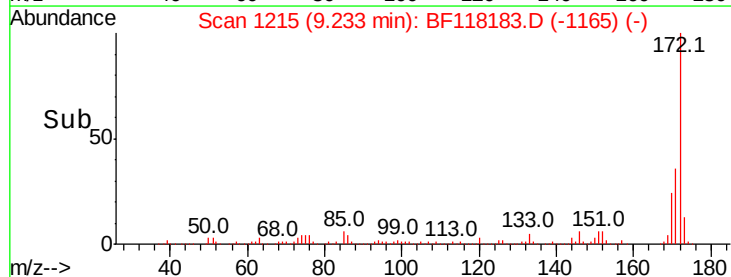
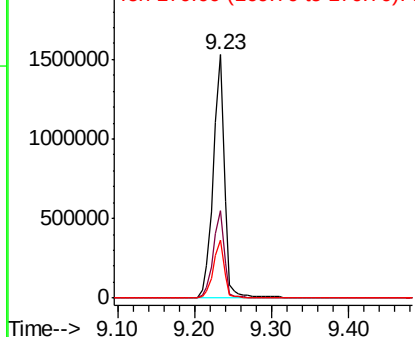


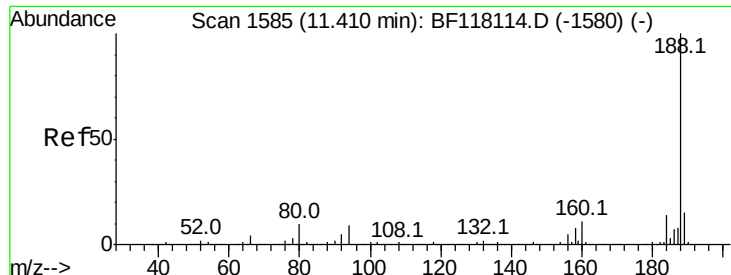
#45
2-Fluorobiphenyl
Concen: 86.331 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118183.D
Acq: 13 Dec 2019 13:44

Tgt Ion:172 Resp: 1533859
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 23.8 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

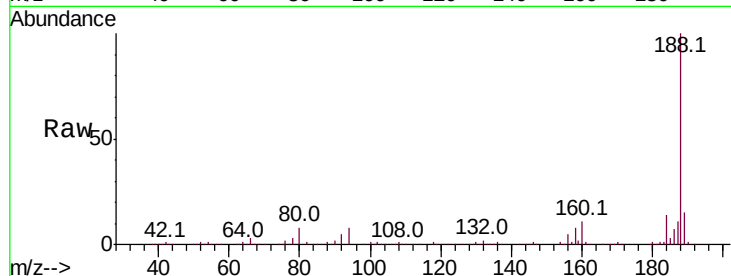




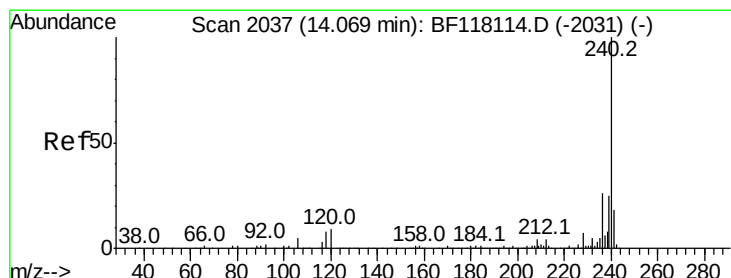
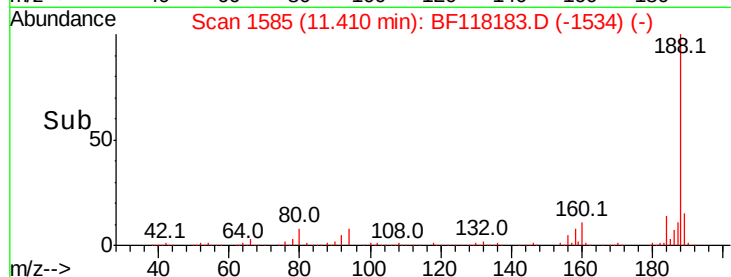
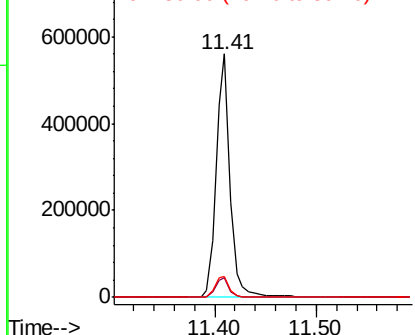
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118183.D
Acq: 13 Dec 2019 13:44

Instrument :
BNA_F
ClientSampleId :
PB125420BL

Tot Ion:188 Resp: 533272
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 8.5 7.9 11.9

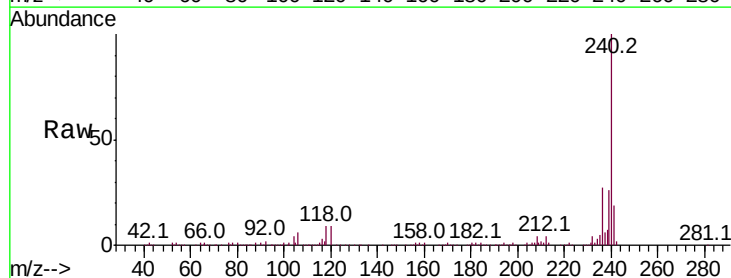


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

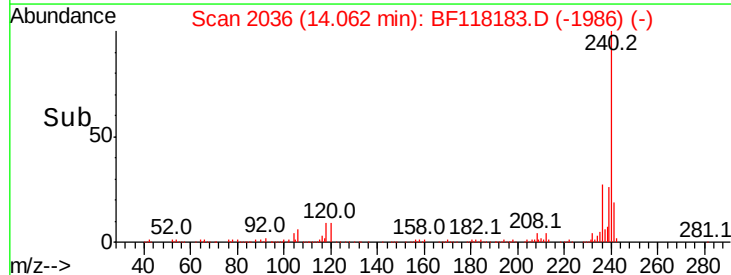
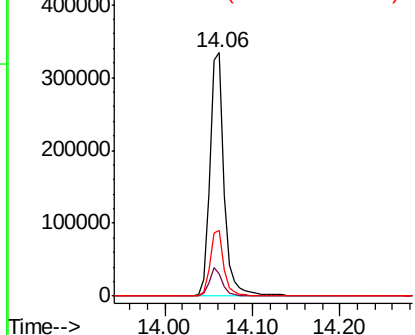


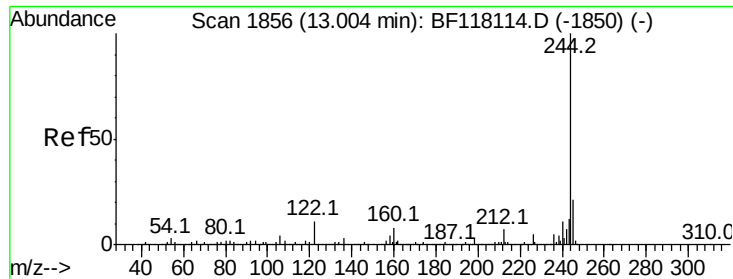
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118183.D
Acq: 13 Dec 2019 13:44

Tgt Ion:240 Resp: 377686
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 26.8 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: 87.909 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118183.D

Acq: 13 Dec 2019 13:44

Instrument :

BNA_F

ClientSampleId :

PB125420BL

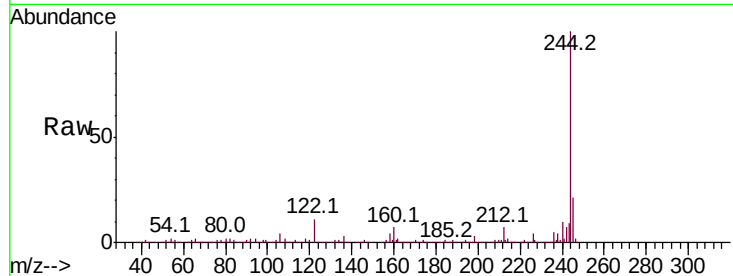
Tot Ion:244 Resp: 1930763

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

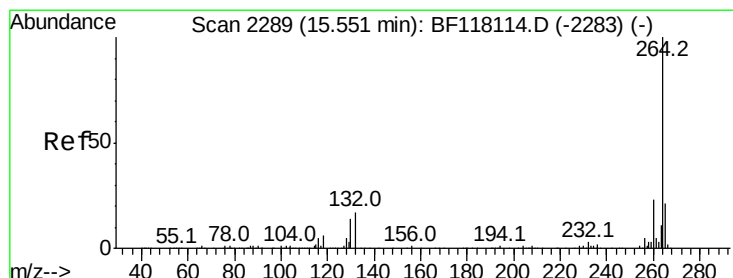
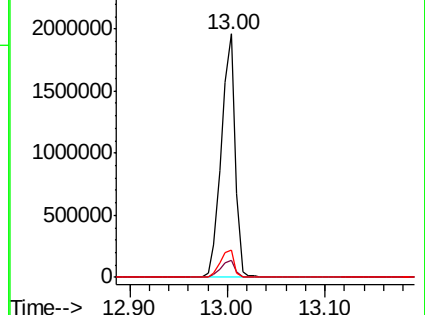
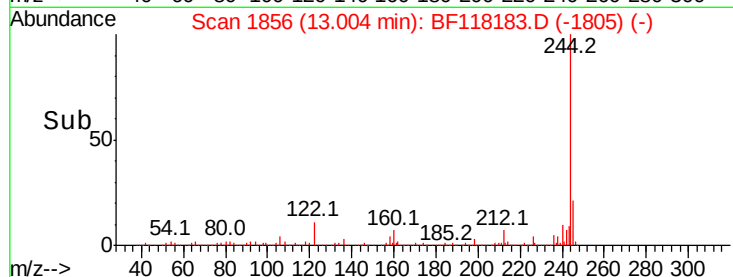
122 11.3 9.0 13.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BF118183.D

Acq: 13 Dec 2019 13:44

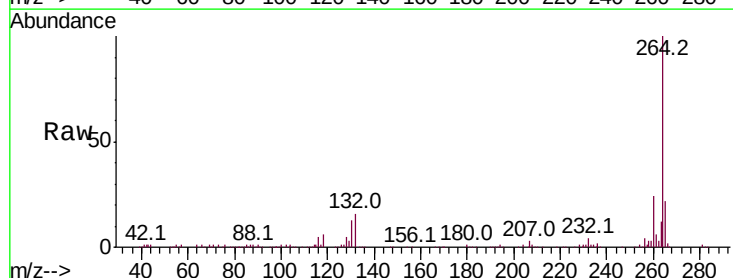
Tgt Ion:264 Resp: 312943

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 21.8 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

