

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118124.D
 Acq On : 7 Dec 2019 12:59
 Operator : JU
 Sample : K6162-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC

Quant Time: Dec 09 06:39:21 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	118990	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	459812	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	254341	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	467109	20.00	ng	0.00
76) Chrysene-d12	14.06	240	347731	20.00	ng	-0.01
87) Perylene-d12	15.54	264	321537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	888652	130.80	ng	0.01
7) Phenol-d6	6.50	99	1095721	133.34	ng	0.00
23) Nitrobenzene-d5	7.43	82	669734	81.94	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	416607	134.83	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1321357	79.05	ng	0.00
79) Terphenyl-d14	13.00	244	1782884	88.17	ng	0.00

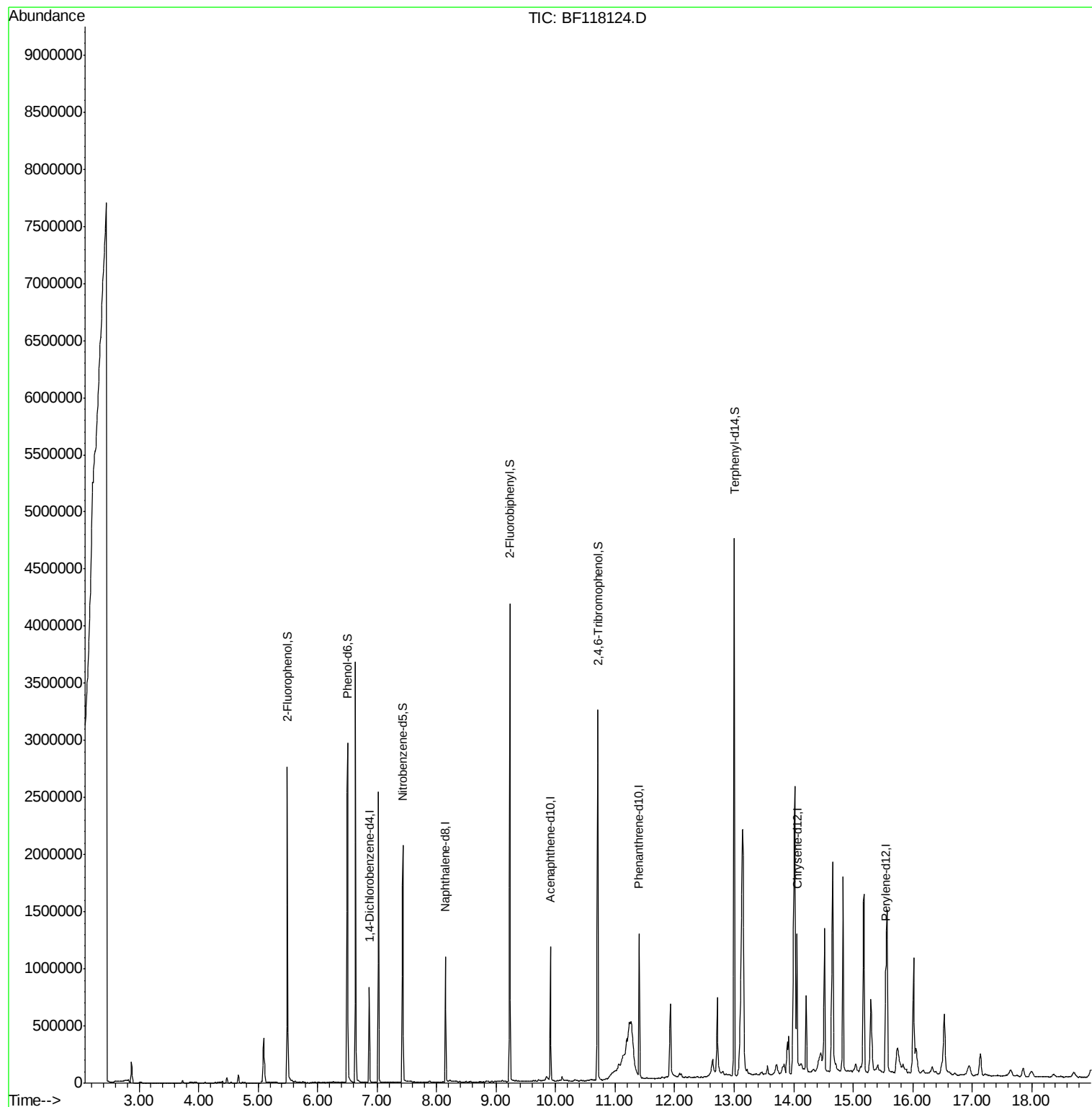
Target Compounds Qvalue

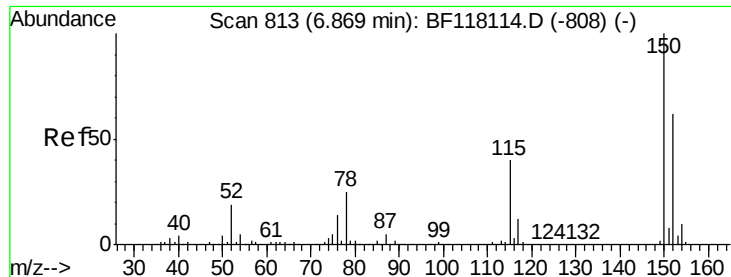
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF118124.D

Acq: 7 Dec 2019 12:59

Instrument :

BNA_F

ClientSampleId :

WC

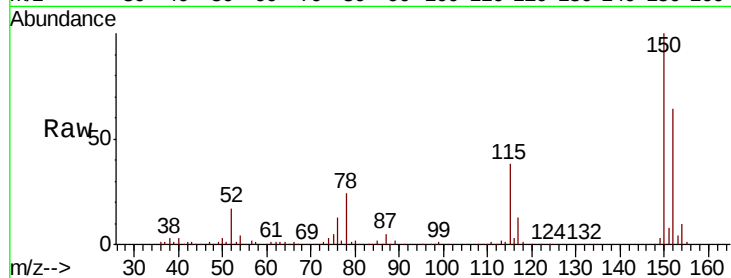
Tot Ion:152 Resp: 118990

Ion Ratio Lower Upper

152 100

150 156.5 128.3 192.5

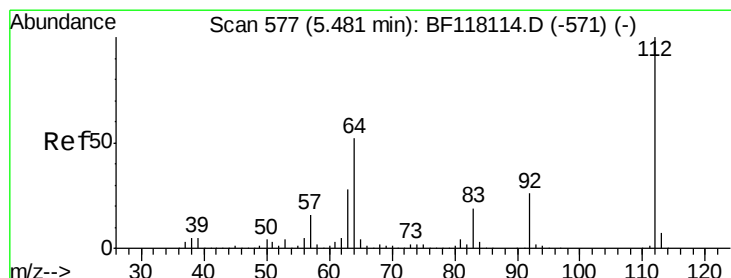
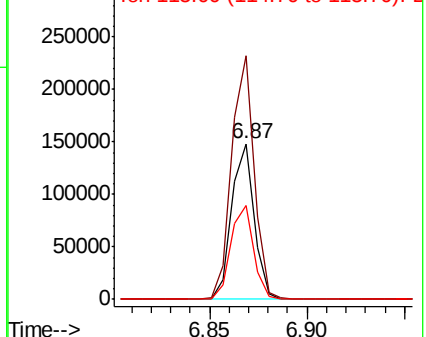
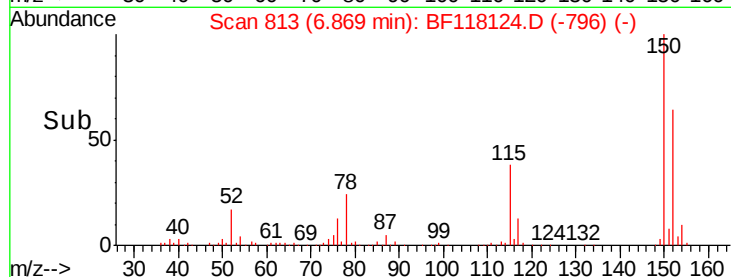
115 60.2 51.1 76.7



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: 130.804 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF118124.D

Acq: 7 Dec 2019 12:59

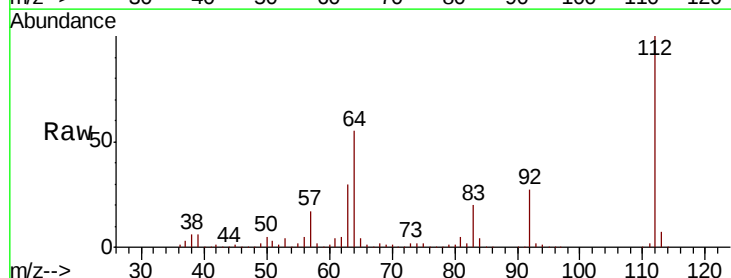
Tgt Ion:112 Resp: 888652

Ion Ratio Lower Upper

112 100

64 54.6 41.3 61.9

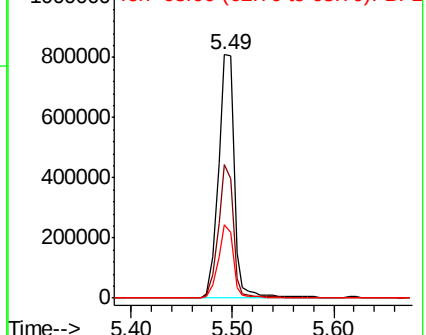
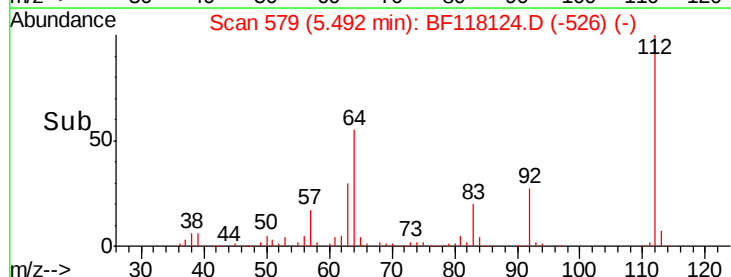
63 30.2 22.4 33.6

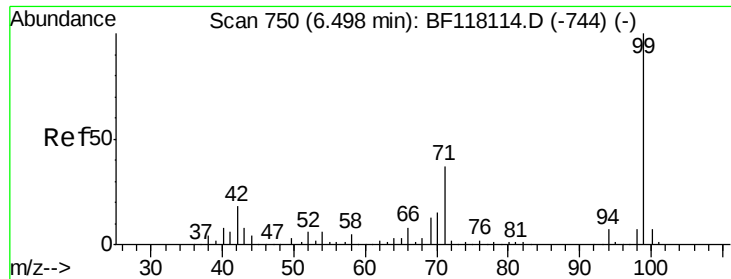


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 133.344 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118124.D

Acq: 7 Dec 2019 12:59

Instrument :

BNA_F

ClientSampled :

WC

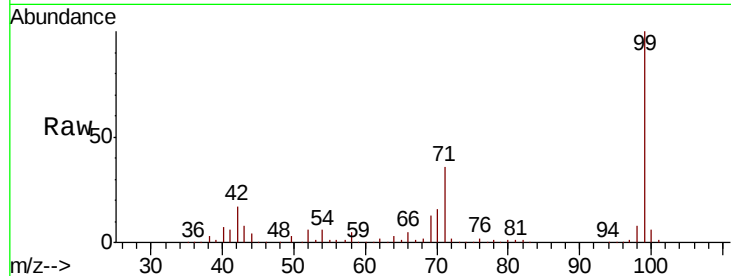
Tot Ion: 99 Resp: 1095721

Ion Ratio Lower Upper

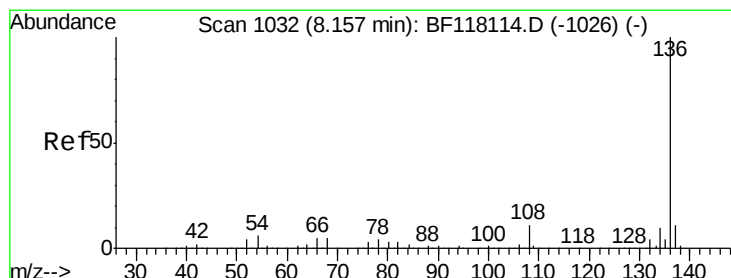
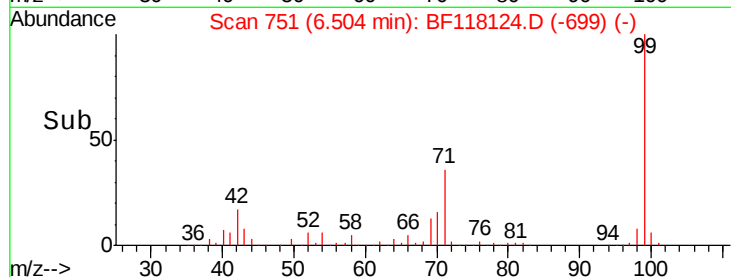
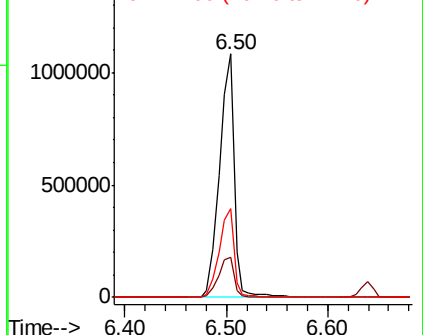
99 100

42 16.6 14.1 21.1

71 36.5 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: BF118124.D

Acq: 7 Dec 2019 12:59

Tgt Ion: 136 Resp: 459812

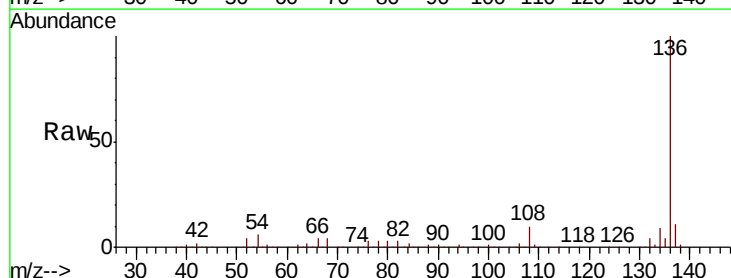
Ion Ratio Lower Upper

136 100

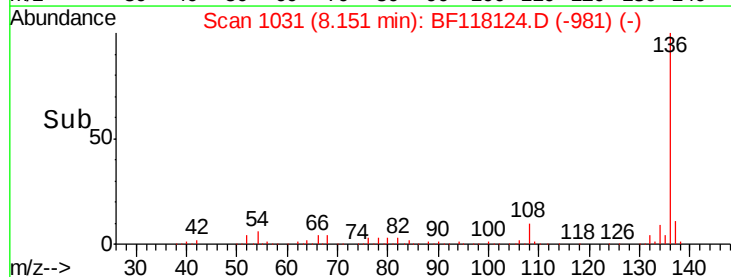
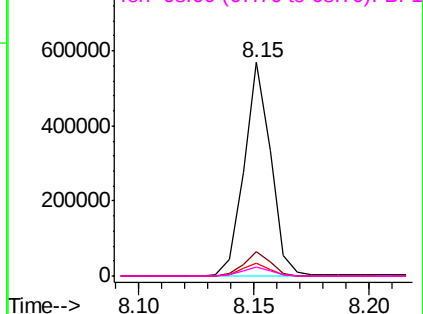
137 11.2 9.0 13.6

54 6.0 5.0 7.6

68 4.4 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

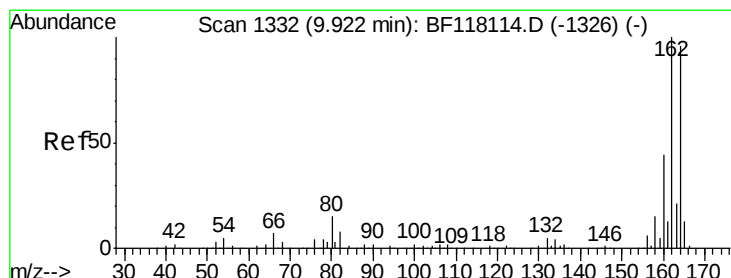
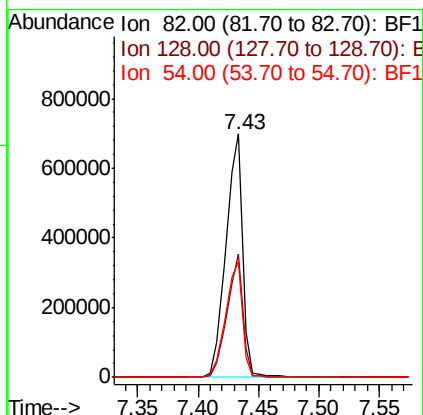
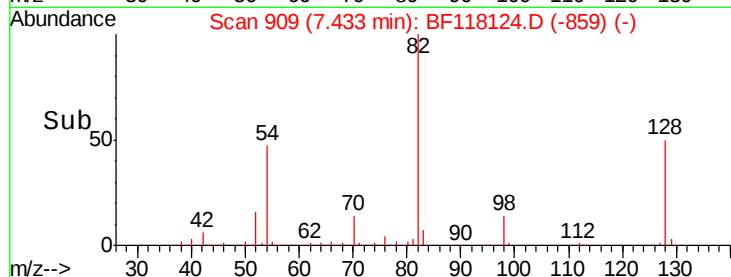
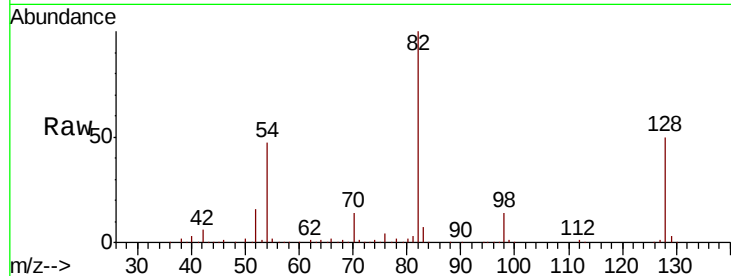




#23
 Nitrobenzene-d5
 Concen: 81.942 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118124.D
 Acq: 7 Dec 2019 12:59

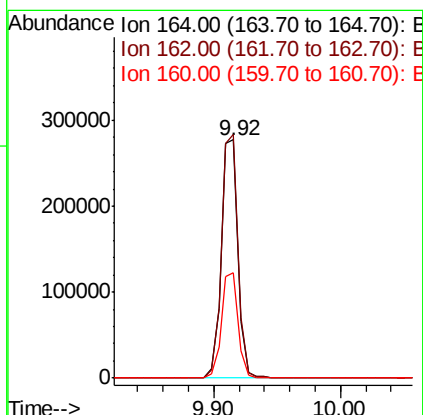
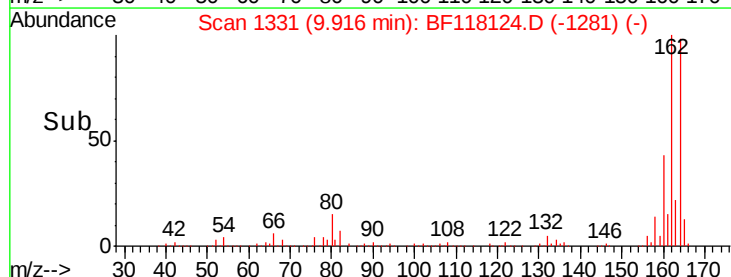
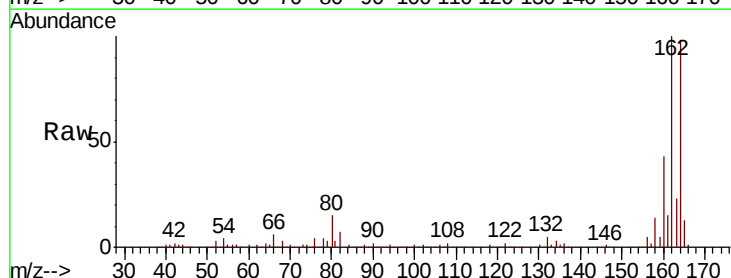
Instrument :
 BNA_F
 ClientSampled :
 WC

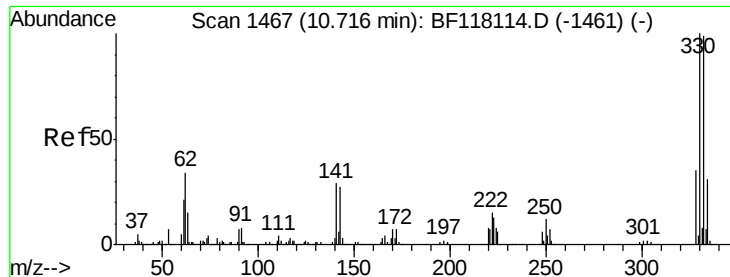
Tot Ion: 82 Resp: 669734
 Ion Ratio Lower Upper
 82 100
 128 50.5 39.1 58.7
 54 47.2 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118124.D
 Acq: 7 Dec 2019 12:59

Tgt Ion: 164 Resp: 254341
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.4 125.0
 160 44.0 36.6 54.8

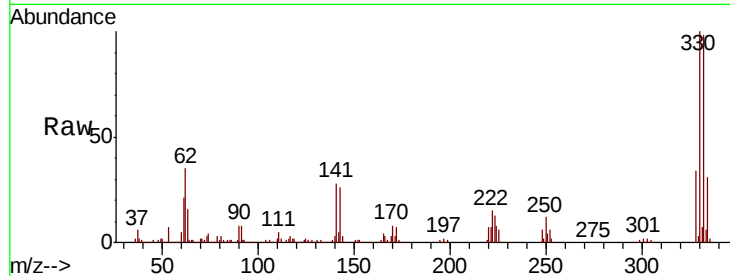




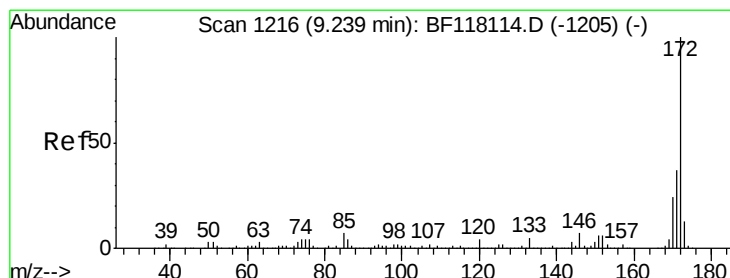
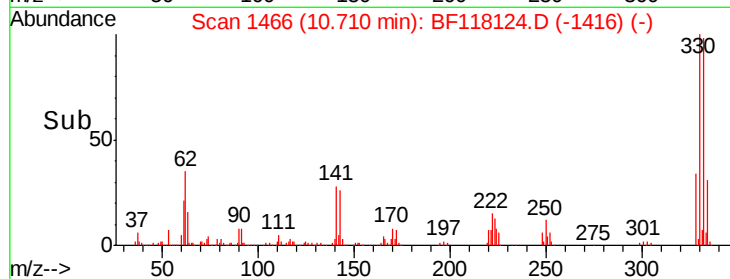
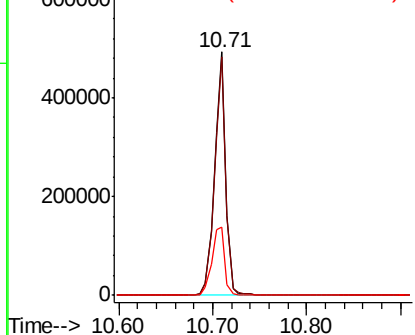
#42
 2,4,6-Tribromophenol
 Concen: 134.834 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118124.D
 Acq: 7 Dec 2019 12:59

Instrument :
 BNA_F
 ClientSampleId :
 WC

Tot Ion:330 Resp: 416607
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.1 117.1
 141 32.6 26.9 40.3

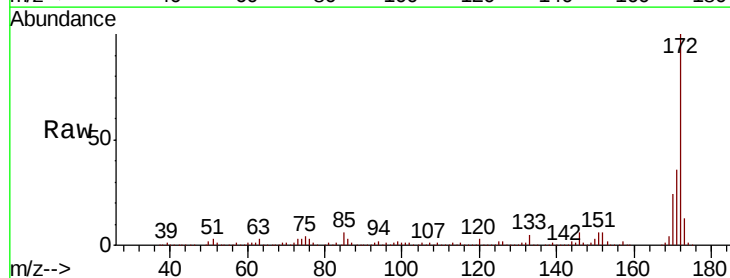


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

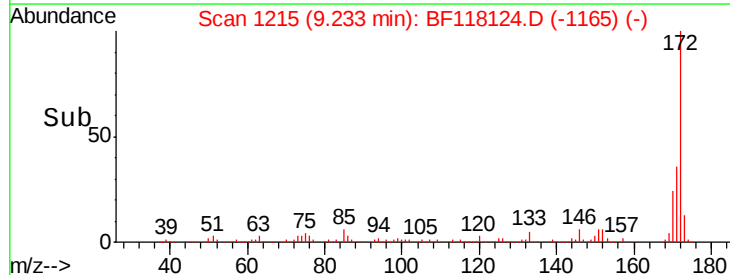
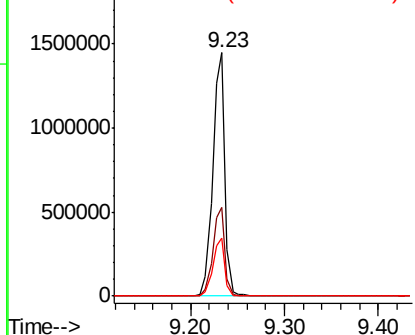


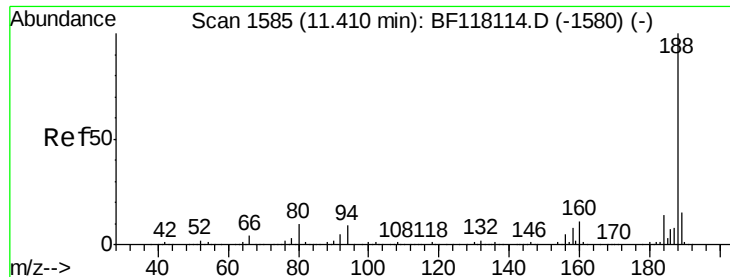
#45
 2-Fluorobiphenyl
 Concen: 79.053 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118124.D
 Acq: 7 Dec 2019 12:59

Tgt Ion:172 Resp: 1321357
 Ion Ratio Lower Upper
 172 100
 171 36.4 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

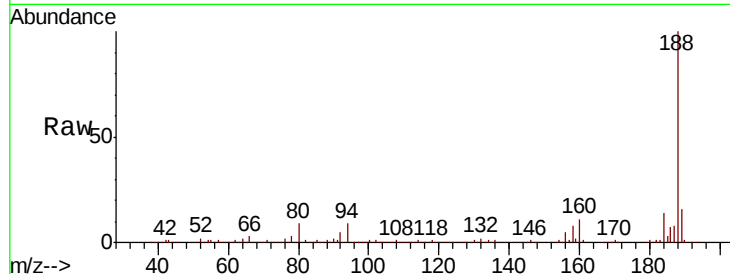




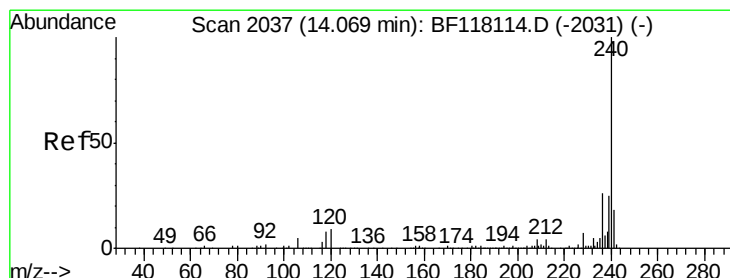
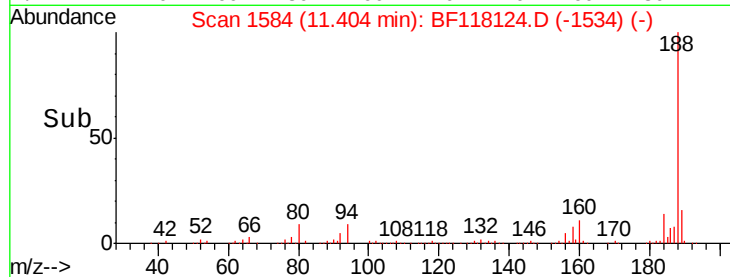
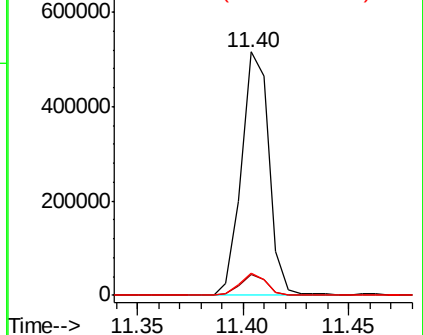
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118124.D
Acq: 7 Dec 2019 12:59

Instrument :
BNA_F
ClientSampleId :
WC

Tot Ion:188 Resp: 467109
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.2 7.9 11.9

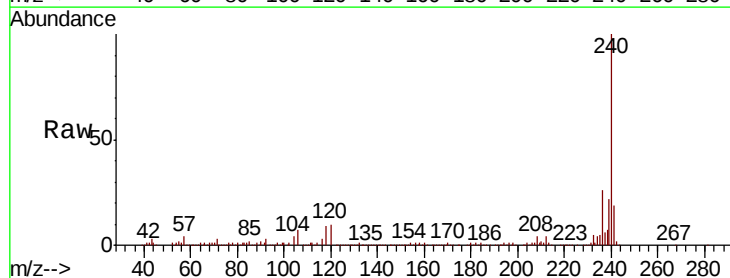


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

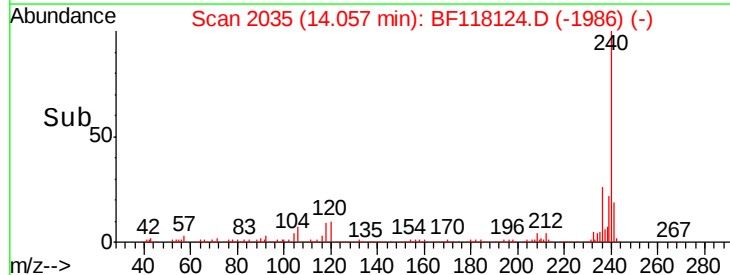
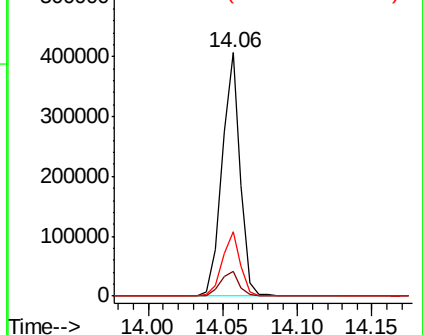


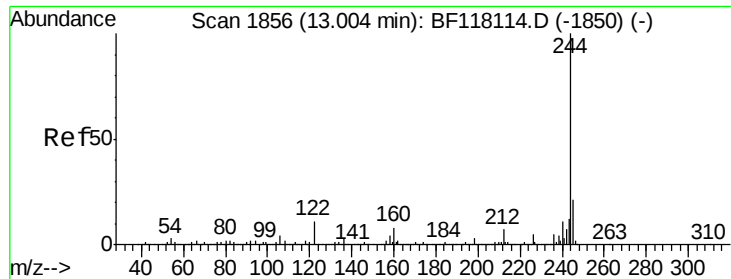
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118124.D
Acq: 7 Dec 2019 12:59

Tgt Ion:240 Resp: 347731
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 26.4 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: 88.169 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118124.D

Acq: 7 Dec 2019 12:59

Instrument :

BNA_F

ClientSampleId :

WC

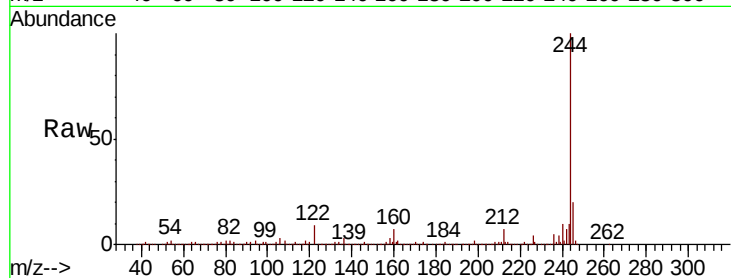
Tot Ion:244 Resp: 1782884

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 9.5 9.0 13.6

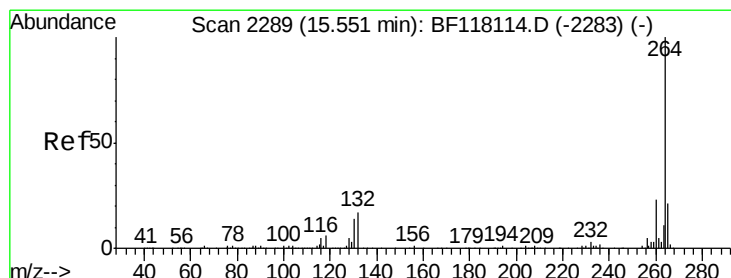
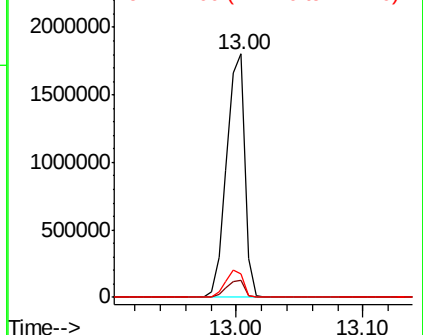
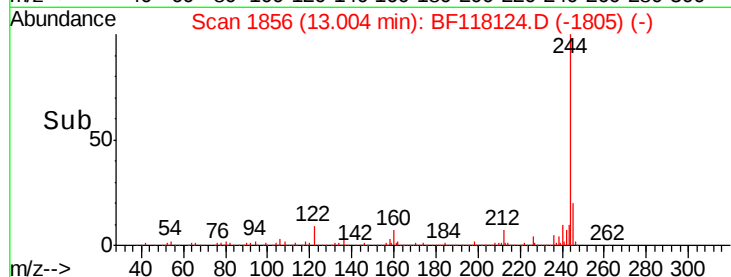


Abundance

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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118124.D

Acq: 7 Dec 2019 12:59

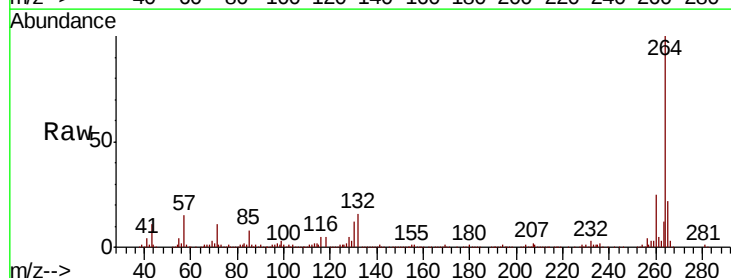
Tgt Ion:264 Resp: 321537

Ion Ratio Lower Upper

264 100

260 24.9 18.6 28.0

265 22.1 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

