

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118263.D
 Acq On : 18 Dec 2019 17:13
 Operator : JU
 Sample : K6330-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 339

Quant Time: Dec 19 03:43:01 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	6.86	152	98668	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	380599	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	203642	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	397605	20.00	ng	0.00
76) Chrysene-d12	14.06	240	300797	20.00	ng	-0.01
87) Perylene-d12	15.55	264	284243	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	732698	130.06	ng	0.00
7) Phenol-d6	6.50	99	836769	122.80	ng	0.00
23) Nitrobenzene-d5	7.43	82	602674	89.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	360631	145.78	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1239557	92.62	ng	-0.01
79) Terphenyl-d14	13.00	244	1603869	91.69	ng	0.00

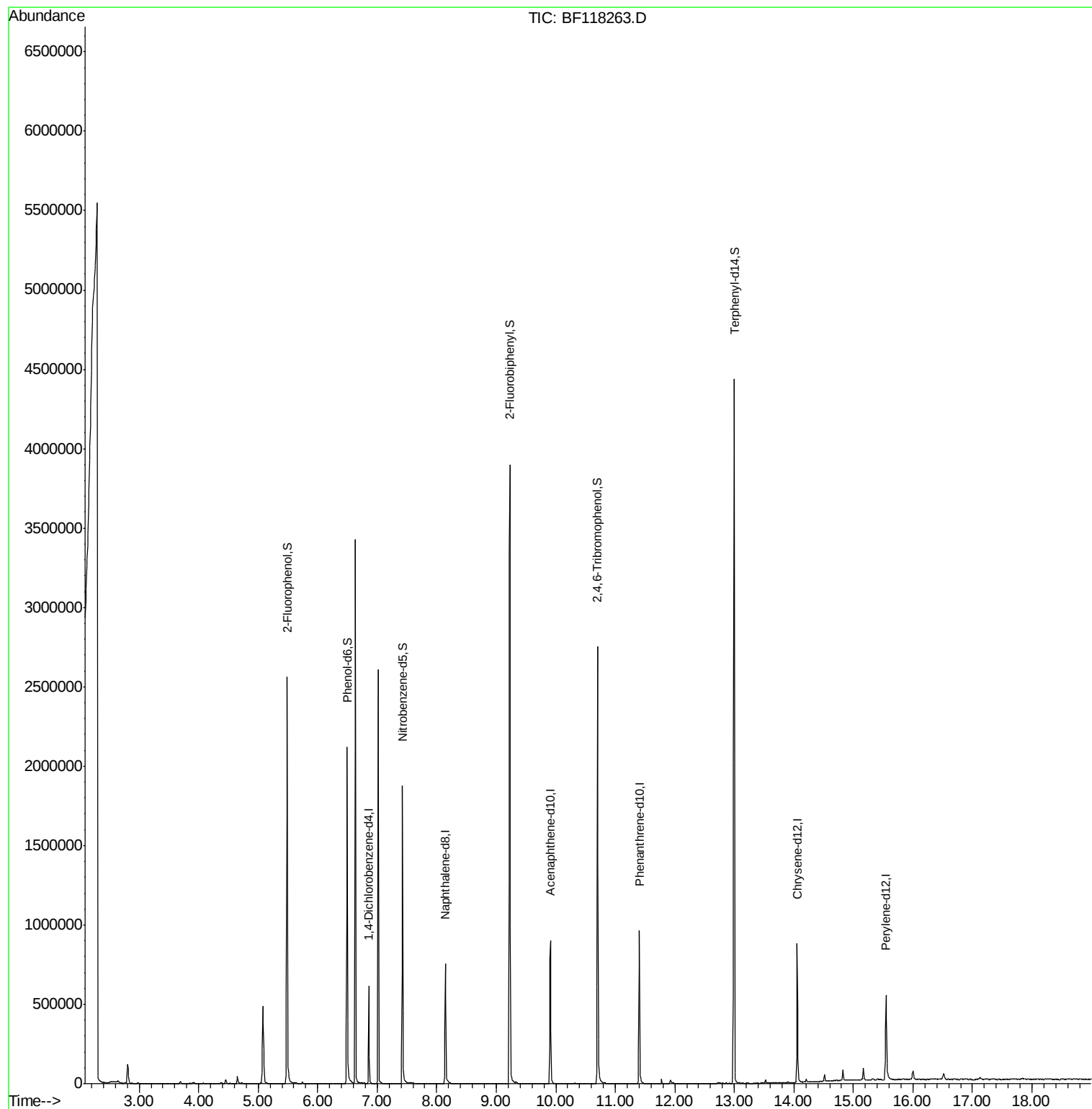
Target Compounds Qvalue

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

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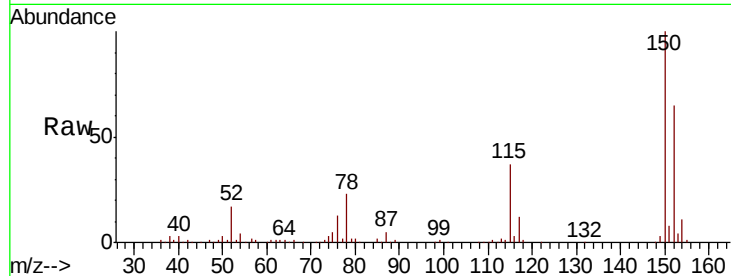


#1

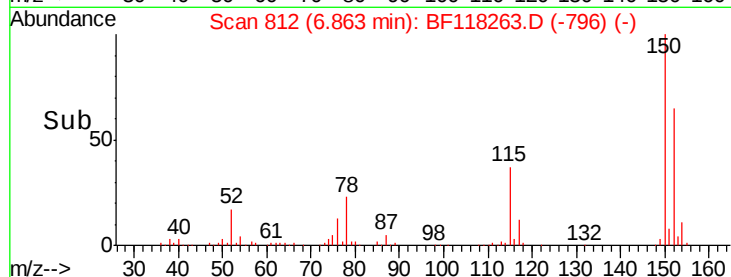
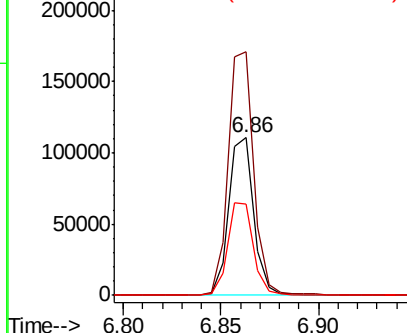
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118263.D
Acq: 18 Dec 2019 17:13

Instrument :
BNA_F
ClientSampleId :
339

Tot Ion:152 Resp: 98668
Ion Ratio Lower Upper
152 100
150 154.5 128.3 192.5
115 57.6 51.1 76.7



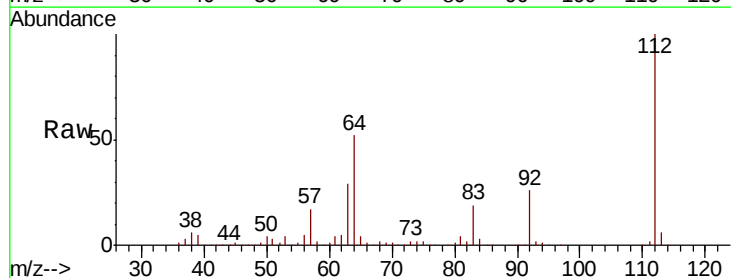
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



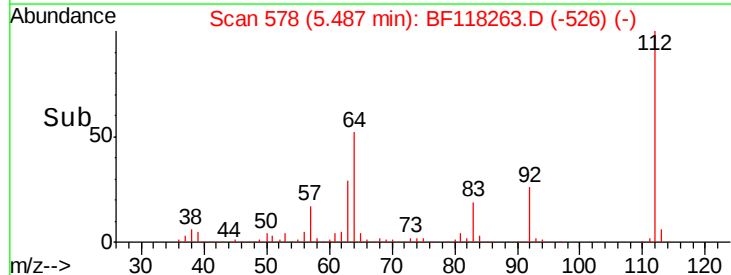
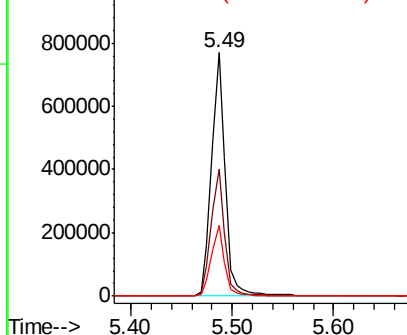
#5

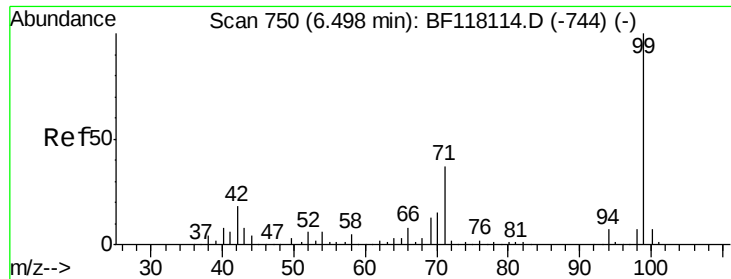
2-Fluorophenol
Concen: 130.062 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118263.D
Acq: 18 Dec 2019 17:13

Tgt Ion:112 Resp: 732698
Ion Ratio Lower Upper
112 100
64 52.4 41.3 61.9
63 28.9 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: 122.804 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118263.D

Acq: 18 Dec 2019 17:13

Instrument :

BNA_F

ClientSampled :

339

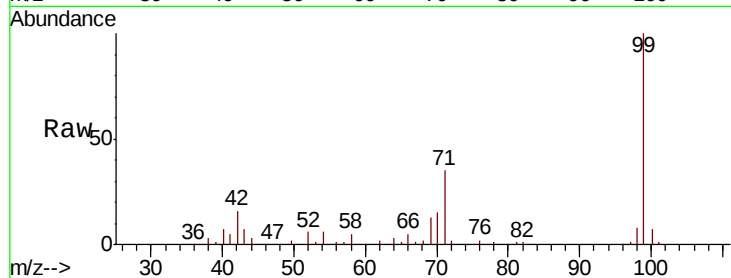
Tot Ion: 99 Resp: 836769

Ion Ratio Lower Upper

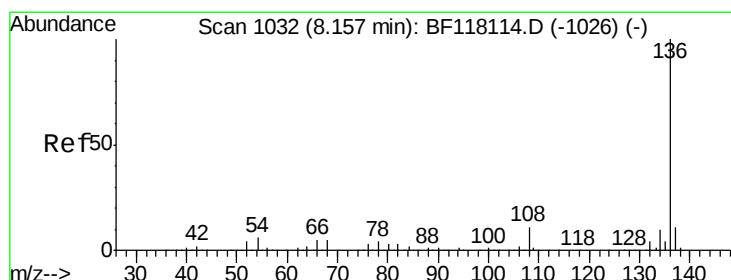
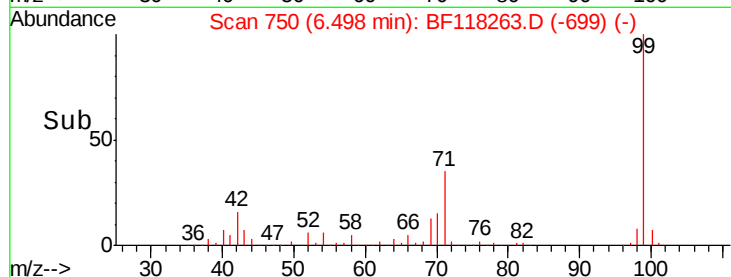
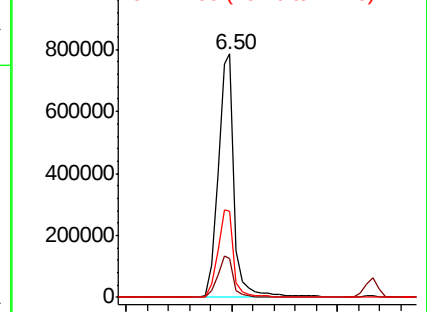
99 100

42 15.9 14.1 21.1

71 35.4 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# 1030

Delta R.T. -0.01 min

Lab File: BF118263.D

Acq: 18 Dec 2019 17:13

Tgt Ion: 136 Resp: 380599

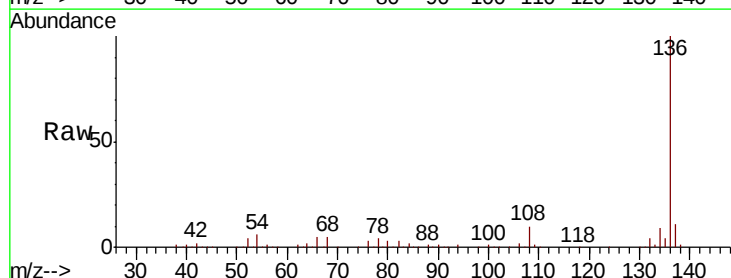
Ion Ratio Lower Upper

136 100

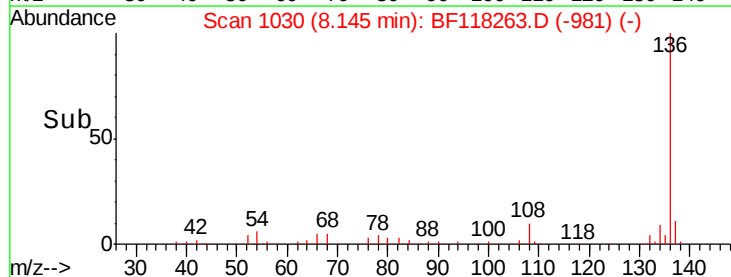
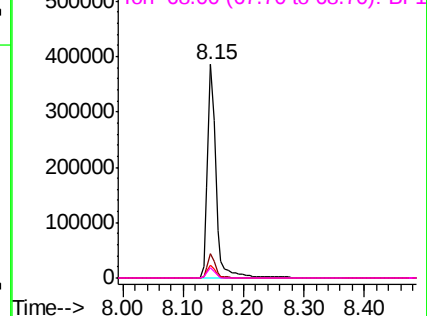
137 11.1 9.0 13.6

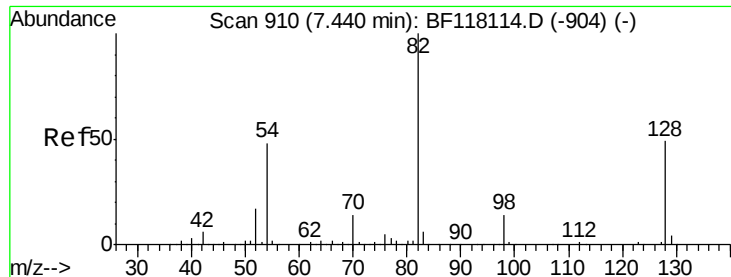
54 6.2 5.0 7.6

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

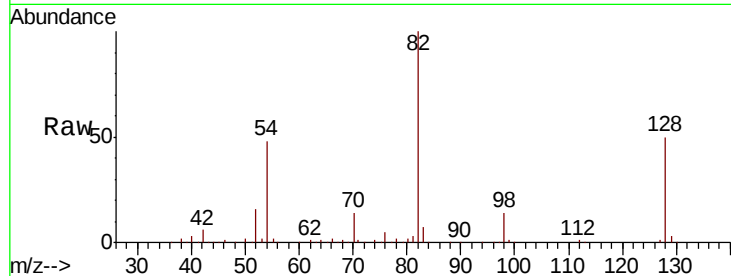




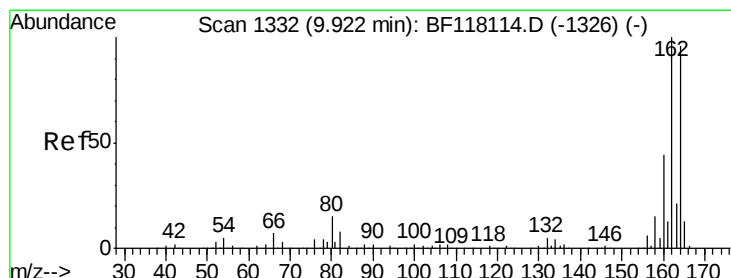
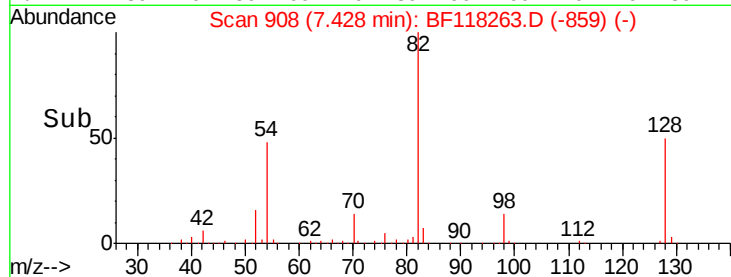
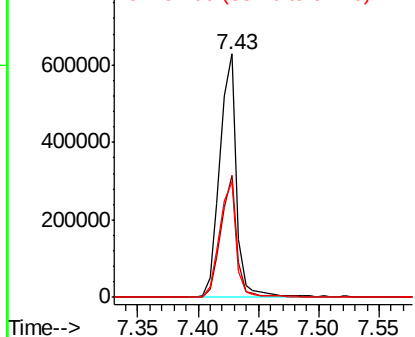
#23
 Nitrobenzene-d5
 Concen: 89.084 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118263.D
 Acq: 18 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampleID :
 339

Tot Ion: 82 Resp: 602674
 Ion Ratio Lower Upper
 82 100
 128 50.2 39.1 58.7
 54 47.5 38.2 57.2

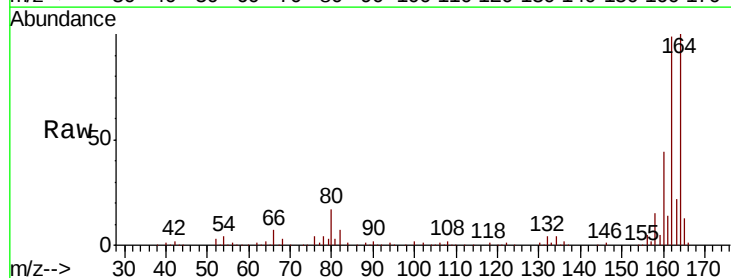


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

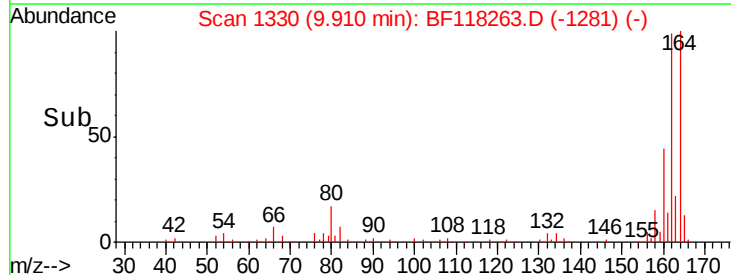
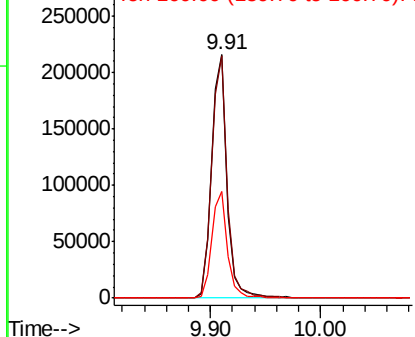


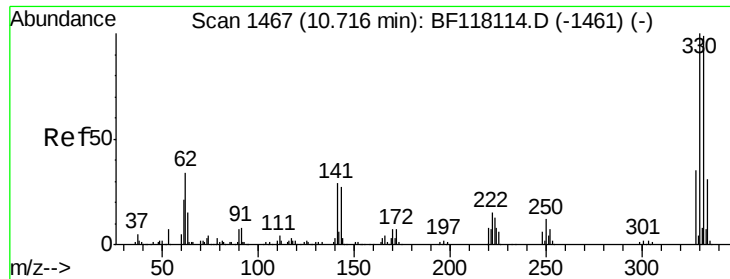
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118263.D
 Acq: 18 Dec 2019 17:13

Tgt Ion:164 Resp: 203642
 Ion Ratio Lower Upper
 164 100
 162 99.3 83.4 125.0
 160 43.7 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

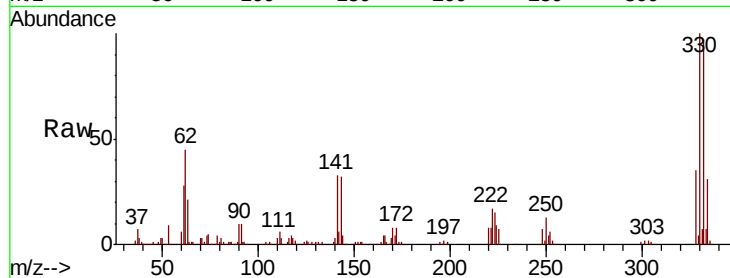




#42
 2,4,6-Tribromophenol
 Concen: 145.776 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118263.D
 Acq: 18 Dec 2019 17:13

Instrument :
 BNA_F
 ClientSampleId :
 339

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.1	117.1
141	32.4	26.9	40.3

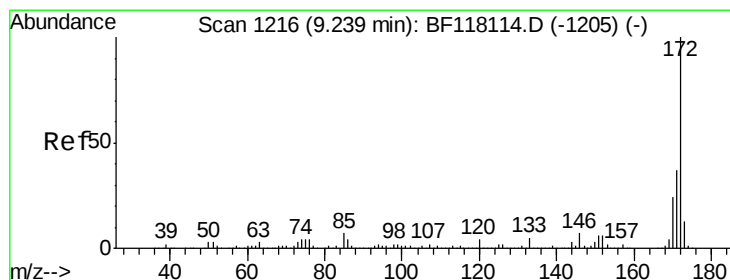
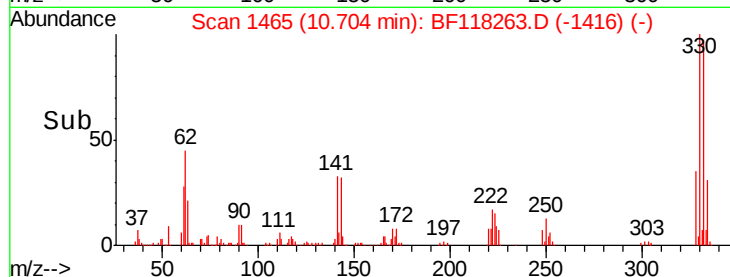
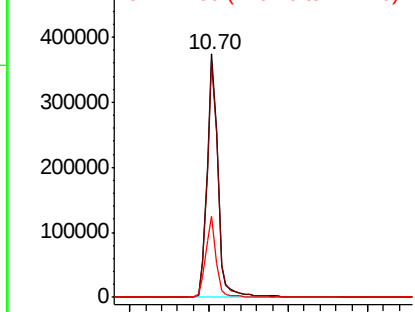


Abundance

Ion 329.80 (329.50 to 330.50): E

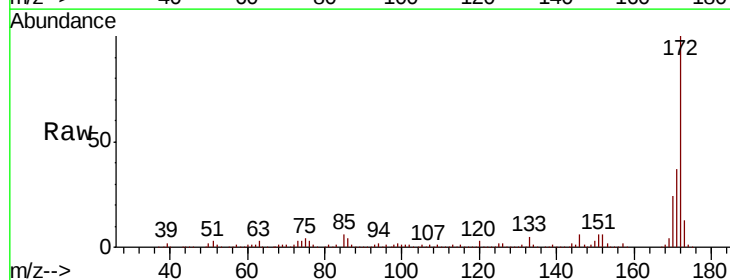
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 92.622 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF118263.D
 Acq: 18 Dec 2019 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	23.8	19.4	29.2

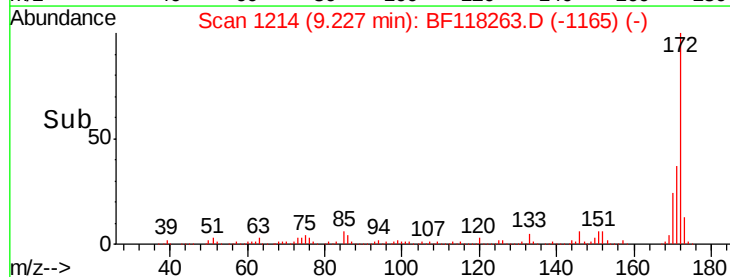
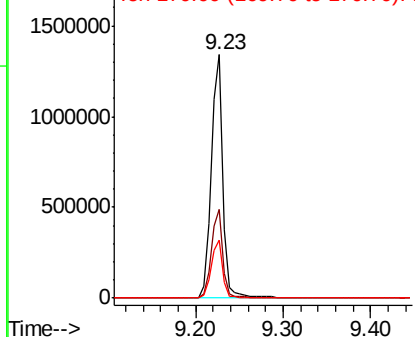


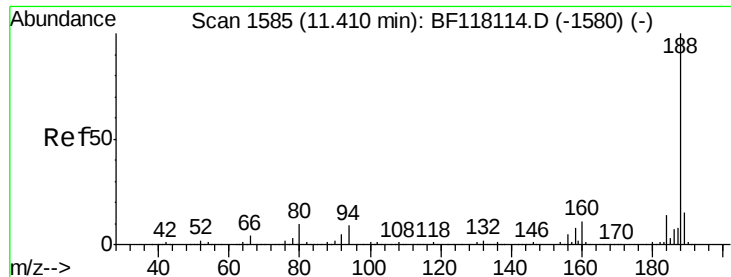
Abundance

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: BF118263.D

Acq: 18 Dec 2019 17:13

Instrument :

BNA_F

ClientSampled :

339

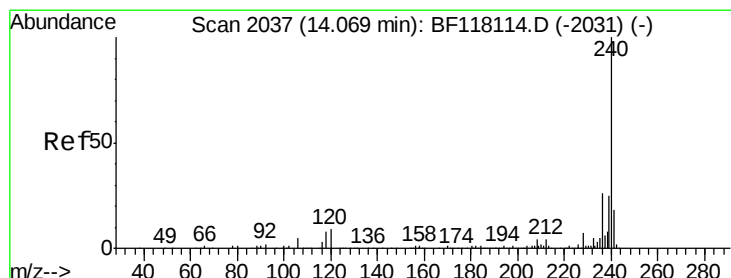
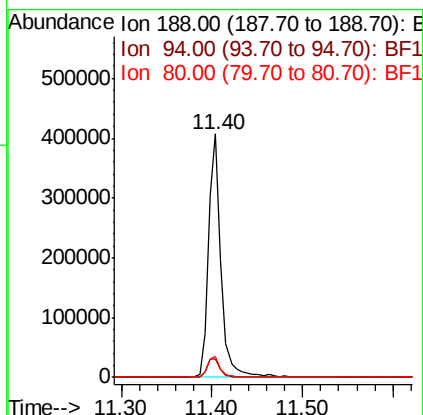
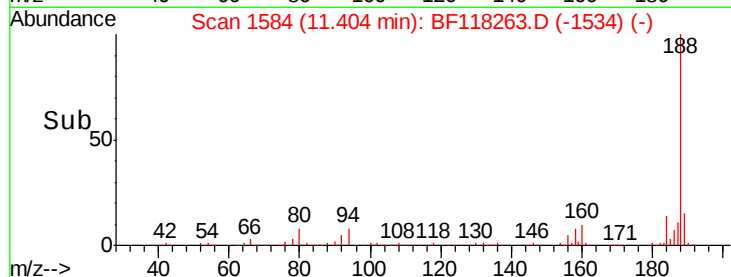
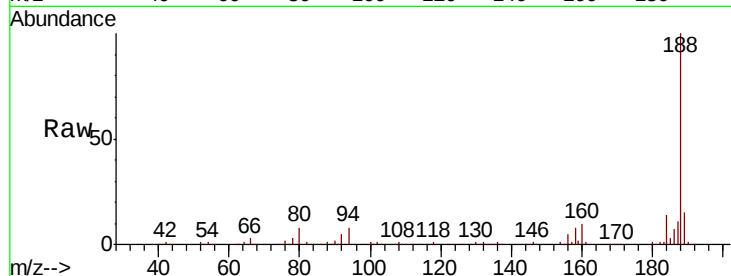
Tot Ion:188 Resp: 397605

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

80 8.3 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118263.D

Acq: 18 Dec 2019 17:13

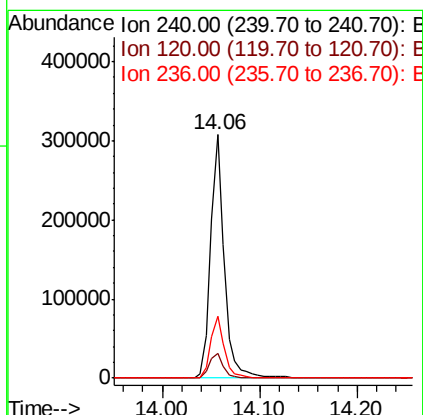
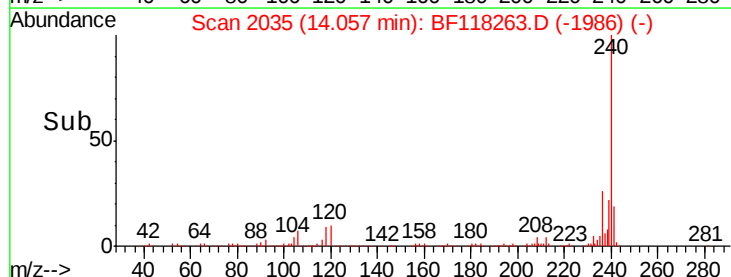
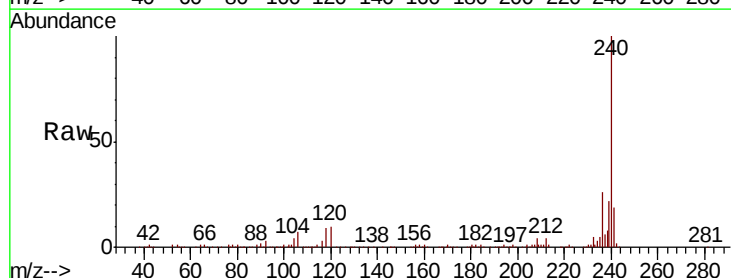
Tgt Ion:240 Resp: 300797

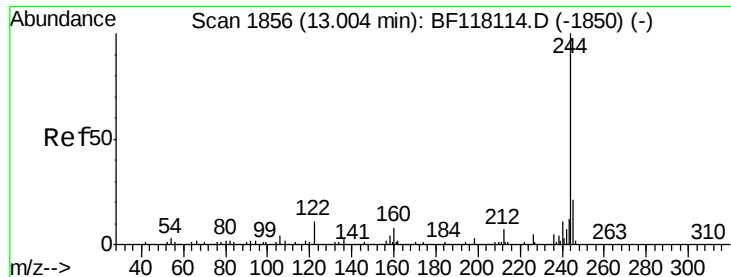
Ion Ratio Lower Upper

240 100

120 10.2 7.1 10.7

236 25.5 21.0 31.6





#79

Terphenyl-d14

Concen: 91.692 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118263.D

Acq: 18 Dec 2019 17:13

Instrument :

BNA_F

ClientSampleId :

339

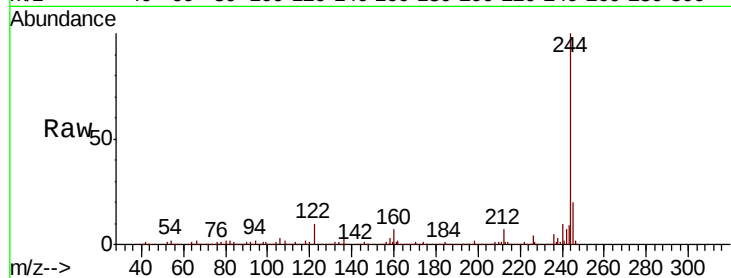
Tot Ion:244 Resp: 1603869

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

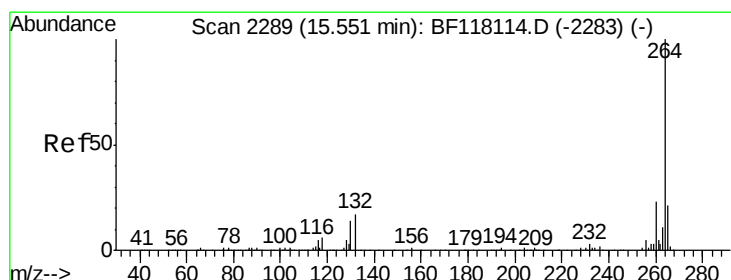
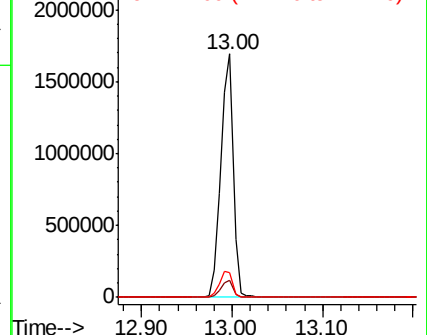
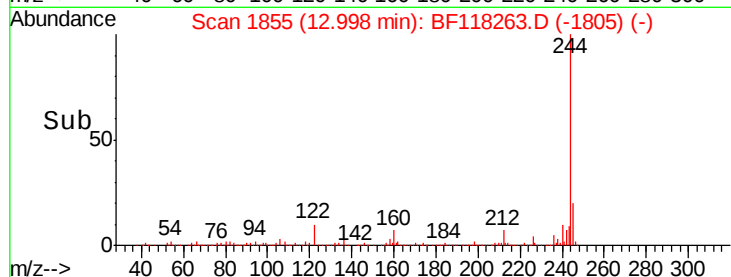
122 10.2 9.0 13.6



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: BF118263.D

Acq: 18 Dec 2019 17:13

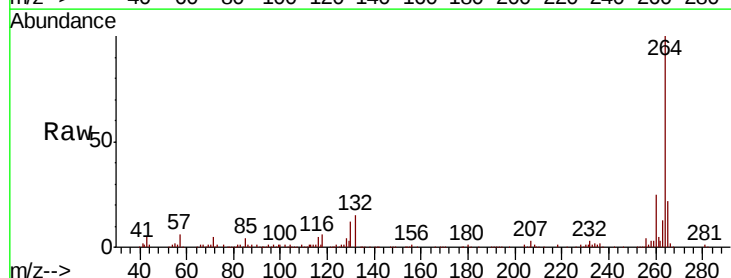
Tgt Ion:264 Resp: 284243

Ion Ratio Lower Upper

264 100

260 24.6 18.6 28.0

265 22.2 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

