

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117768.D
 Acq On : 12 Nov 2019 19:10
 Operator : JU
 Sample : K5760-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3425

Quant Time: Nov 13 03:31:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 13:32:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	263058	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	997239	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	496610	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	850947	20.00	ng	0.00
76) Chrysene-d12	14.12	240	744211	20.00	ng	0.00
87) Perylene-d12	15.63	264	785712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1773673	122.05	ng	0.02
7) Phenol-d6	6.55	99	2090205	116.65	ng	0.00
23) Nitrobenzene-d5	7.49	82	1393489	82.50	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	620698	127.77	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2472599	98.24	ng	0.00
79) Terphenyl-d14	13.06	244	2650080	73.30	ng	0.00

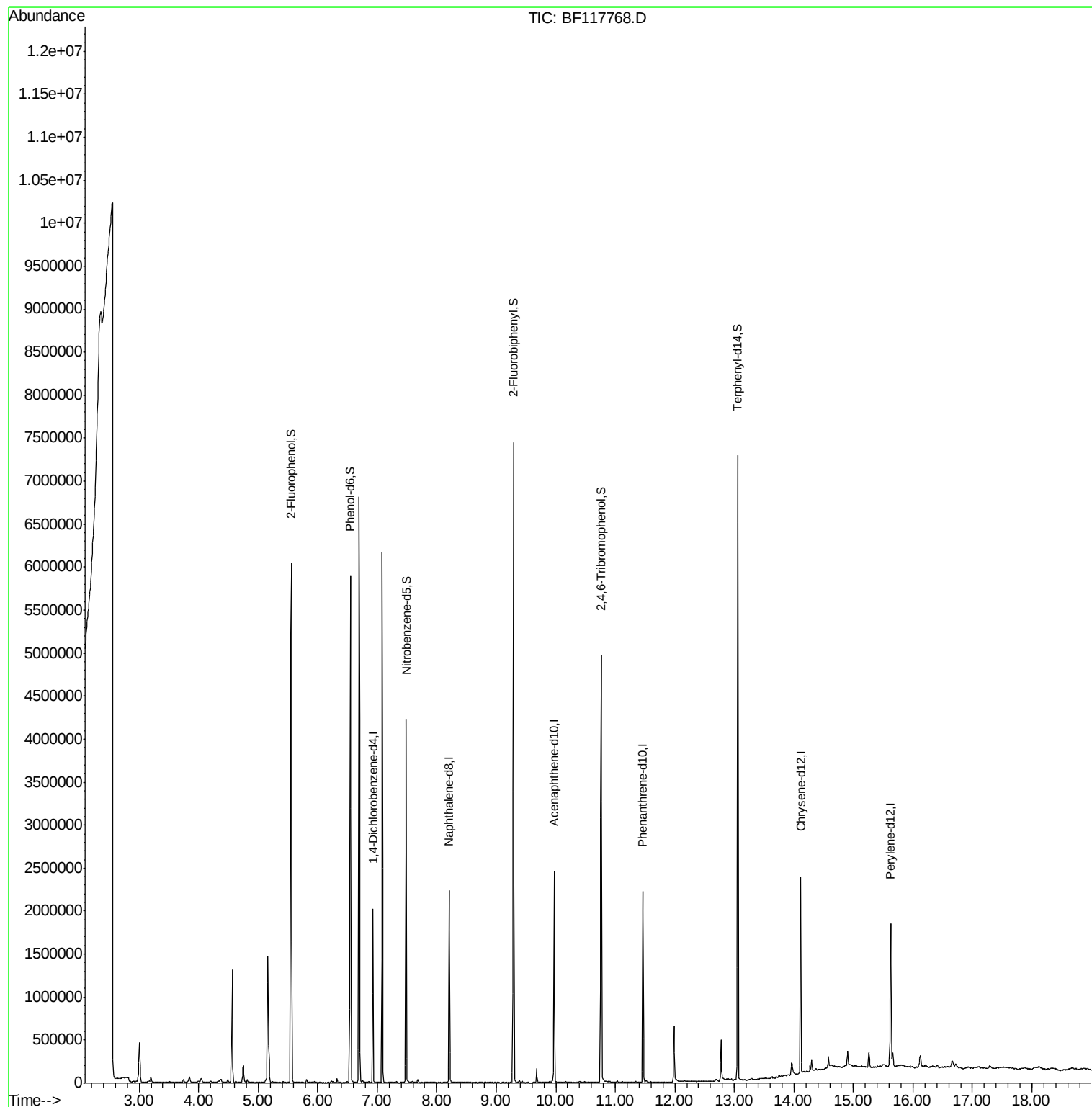
Target Compounds Qvalue

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

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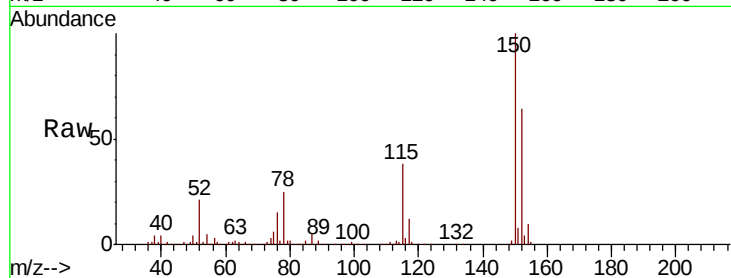


#1

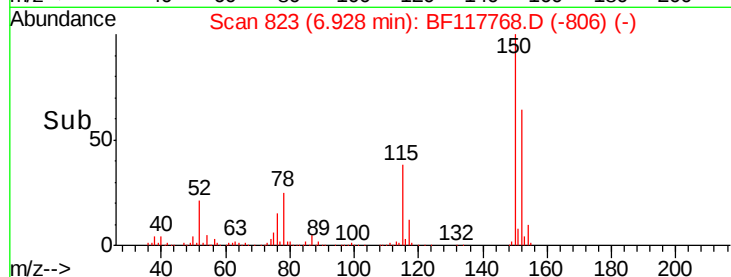
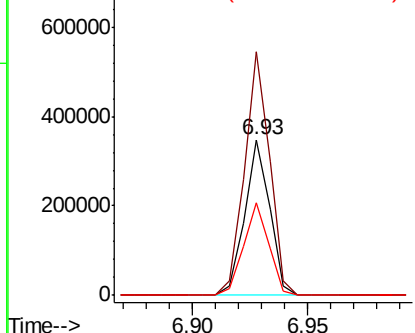
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117768.D
Acq: 12 Nov 2019 19:10

Instrument :
BNA_F
ClientSampleId :
3425

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	190.0
115	59.8	47.6	71.4



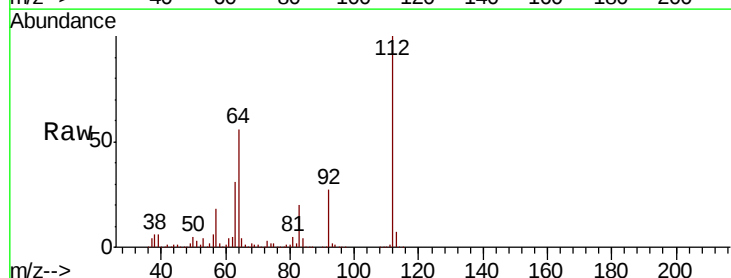
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



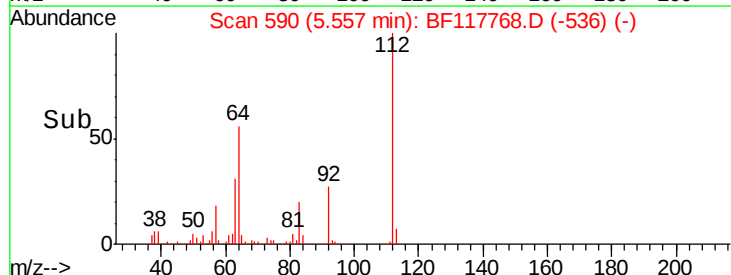
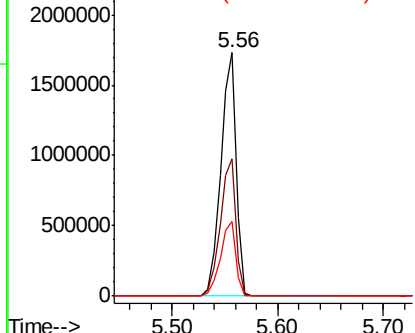
#5

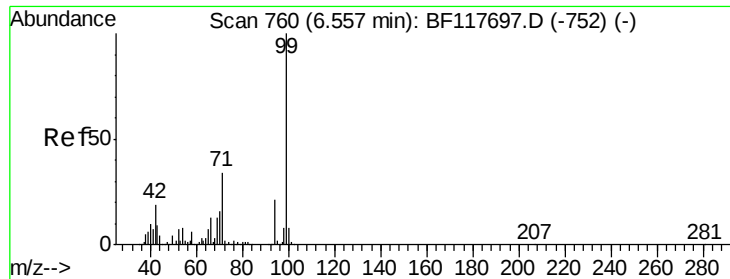
2-Fluorophenol
Concen: 122.050 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF117768.D
Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.5	65.3
63	30.8	23.5	35.3



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: 116.649 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117768.D

Acq: 12 Nov 2019 19:10

Instrument :

BNA_F

ClientSampleId :

3425

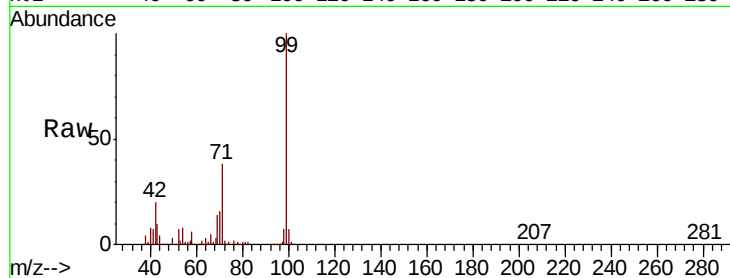
Tot Ion: 99 Resp: 2090205

Ion Ratio Lower Upper

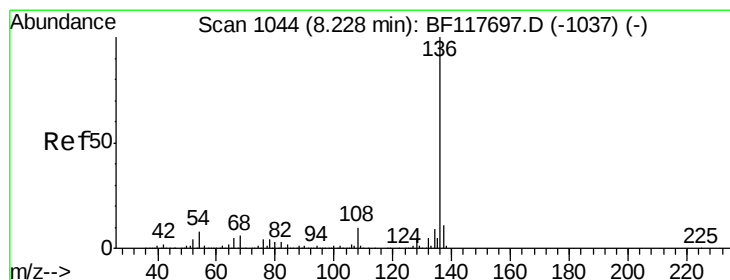
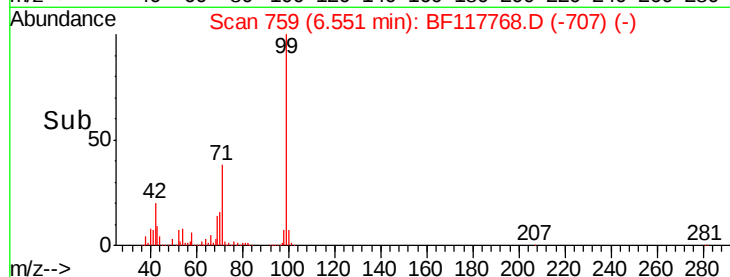
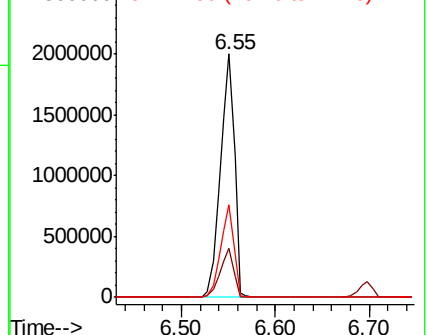
99 100

42 20.1 15.3 22.9

71 38.2 28.2 42.2



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: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117768.D

Acq: 12 Nov 2019 19:10

Tgt Ion: 136 Resp: 997239

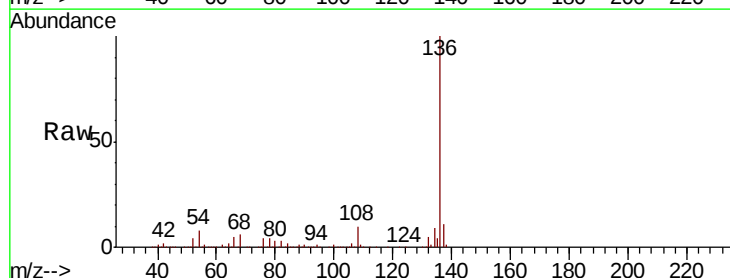
Ion Ratio Lower Upper

136 100

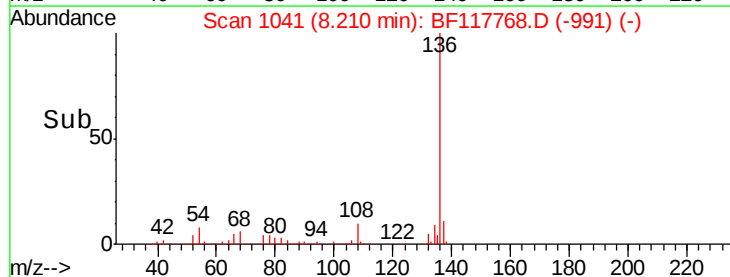
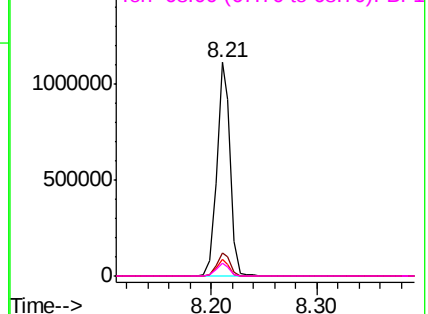
137 11.1 9.0 13.6

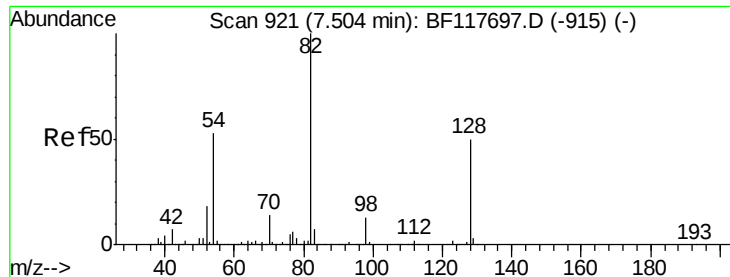
54 7.8 6.1 9.1

68 5.9 4.6 7.0



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: 82.498 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF117768.D

Acq: 12 Nov 2019 19:10

Instrument :

BNA_F

ClientSampleId :

3425

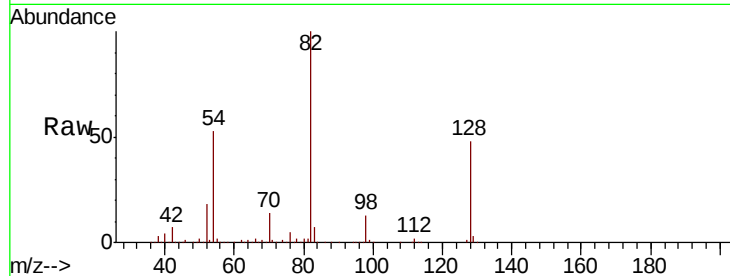
Tot Ion: 82 Resp: 1393489

Ion Ratio Lower Upper

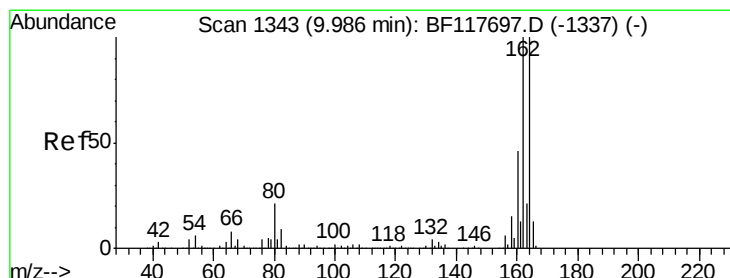
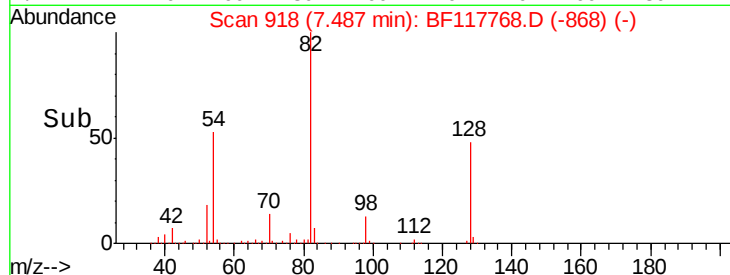
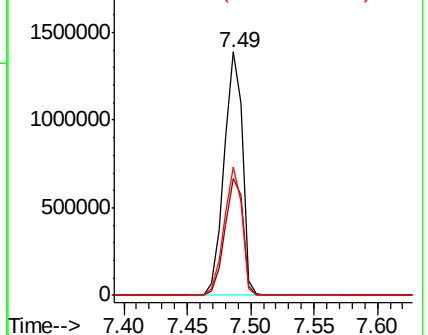
82 100

128 47.8 38.7 58.1

54 52.8 41.4 62.2



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: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF117768.D

Acq: 12 Nov 2019 19:10

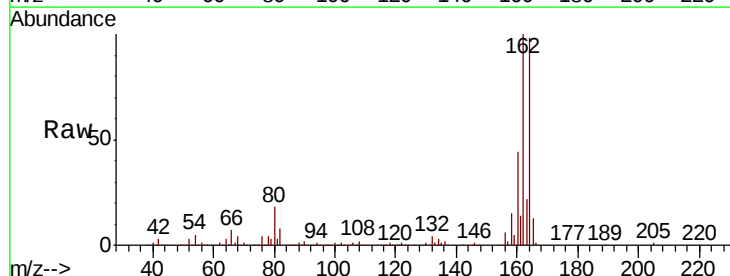
Tgt Ion:164 Resp: 496610

Ion Ratio Lower Upper

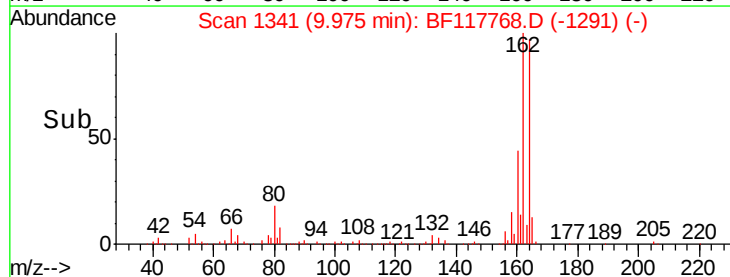
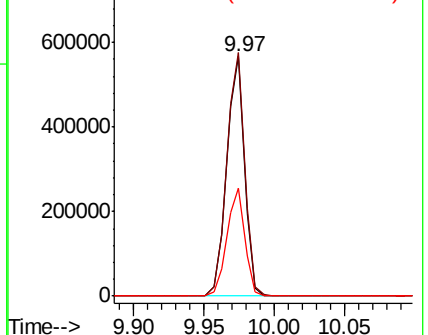
164 100

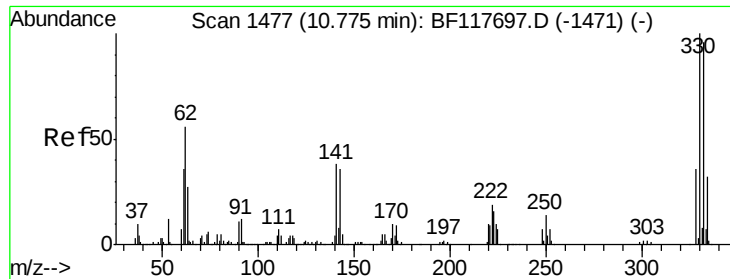
162 101.8 81.2 121.8

160 45.1 36.3 54.5



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

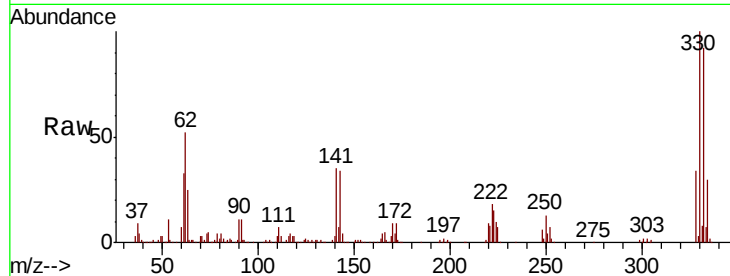




#42
 2,4,6-Tribromophenol
 Concen: 127.769 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF117768.D
 Acq: 12 Nov 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 3425

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.9	115.3
141	33.4	26.5	39.7

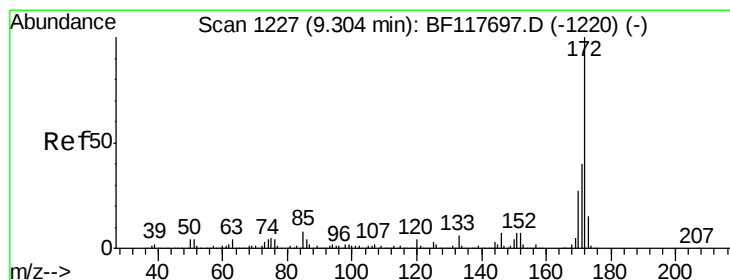
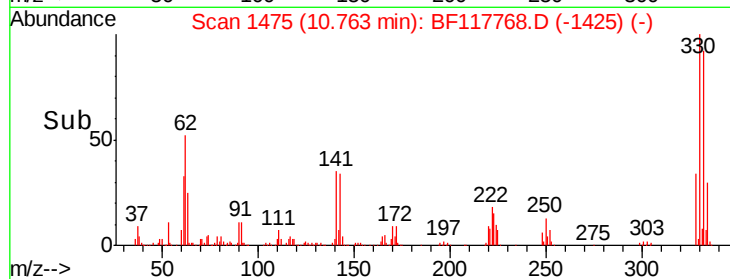
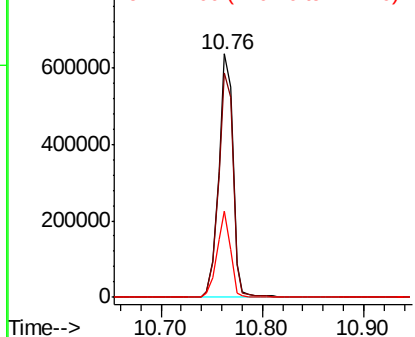


Abundance

Ion 329.80 (329.50 to 330.50): E

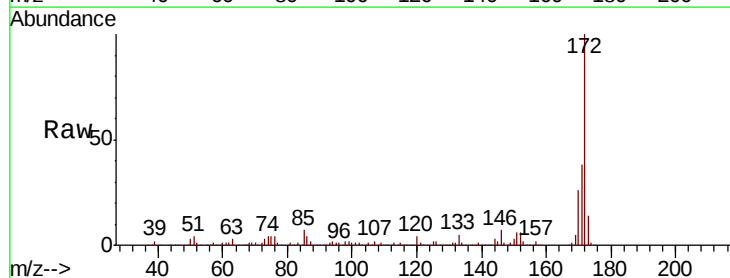
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.235 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF117768.D
 Acq: 12 Nov 2019 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.7	46.1
170	25.6	20.6	30.8

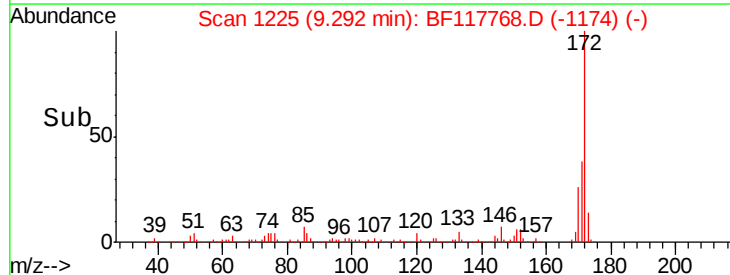
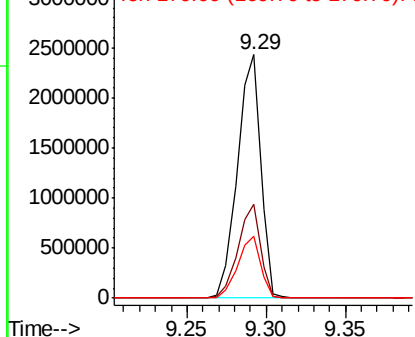


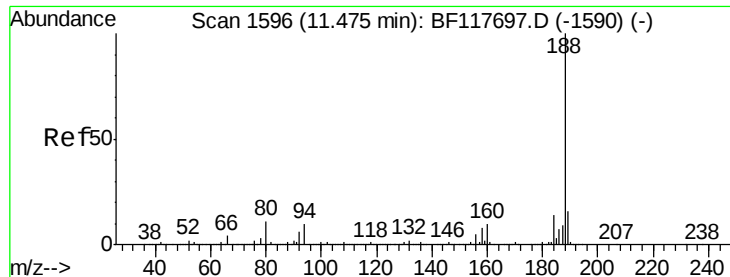
Abundance

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

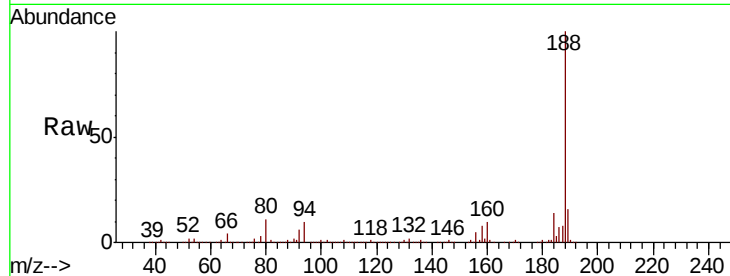




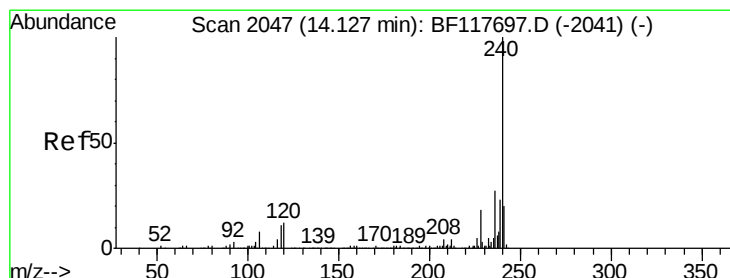
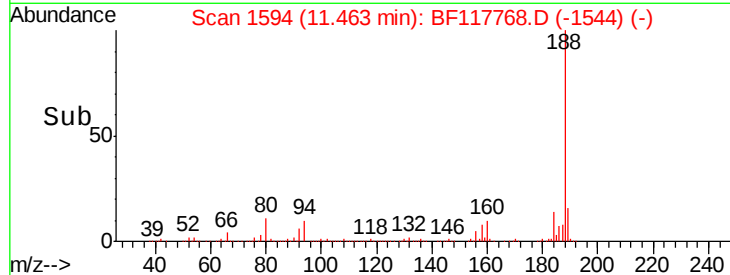
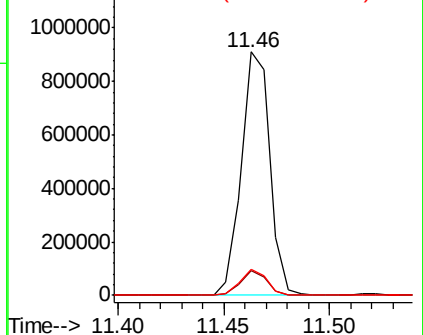
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117768.D
Acq: 12 Nov 2019 19:10

Instrument :
BNA_F
ClientSampleId :
3425

Tot Ion:188 Resp: 850947
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.8 8.1 12.1

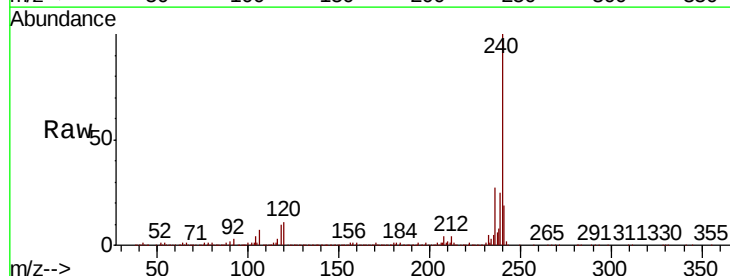


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

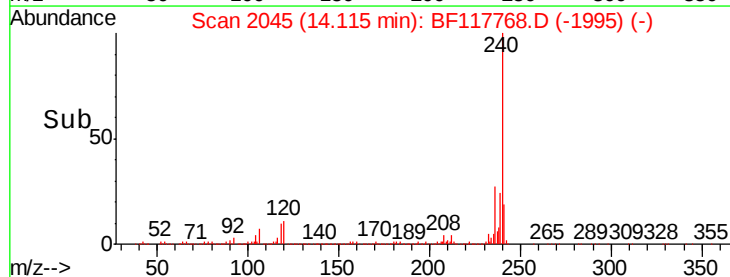
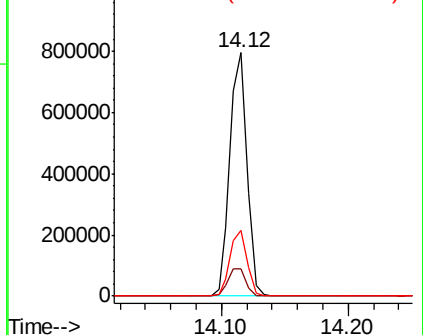


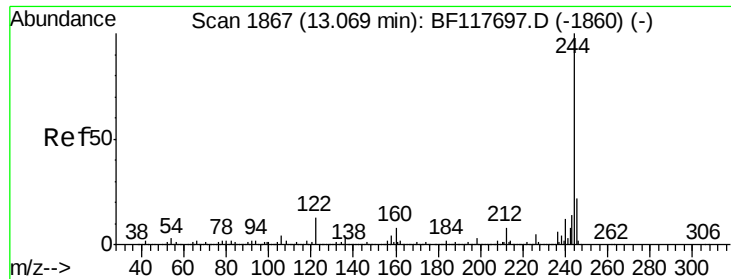
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117768.D
Acq: 12 Nov 2019 19:10

Tgt Ion:240 Resp: 744211
Ion Ratio Lower Upper
240 100
120 11.0 9.3 13.9
236 26.8 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: 73.305 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF117768.D

Acq: 12 Nov 2019 19:10

Instrument :

BNA_F

ClientSampleId :

3425

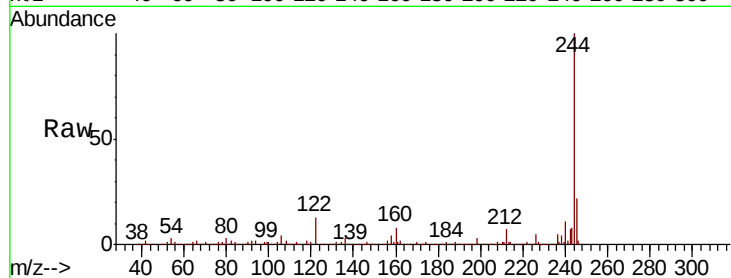
Tot Ion:244 Resp: 2650080

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

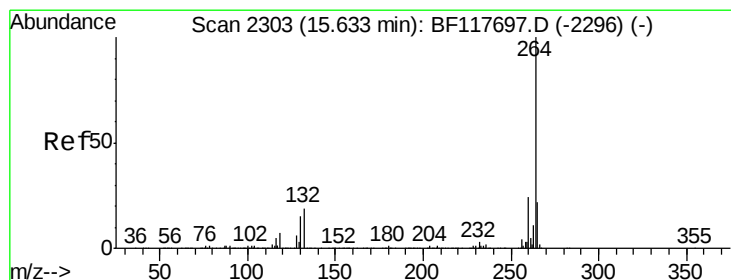
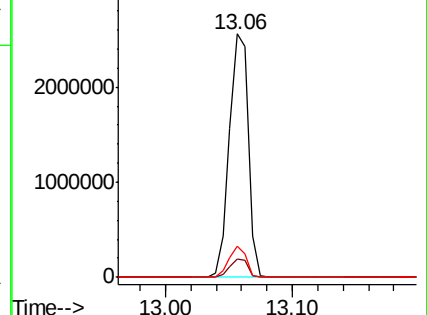
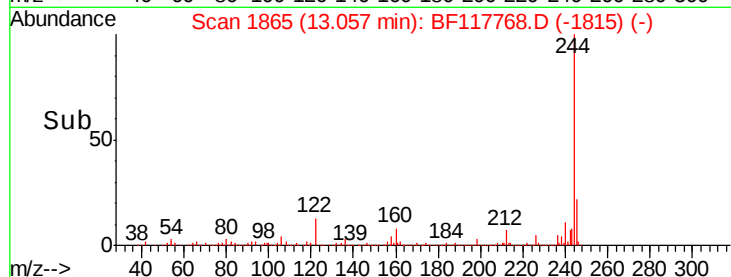
122 12.6 9.1 13.7



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: 15.63 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BF117768.D

Acq: 12 Nov 2019 19:10

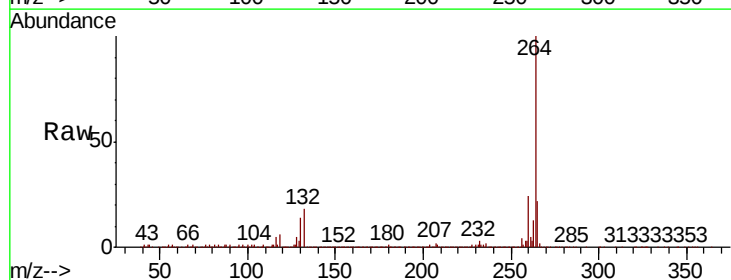
Tgt Ion:264 Resp: 785712

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.1 17.2 25.8



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

