

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111219\
 Data File : BF117769.D
 Acq On : 12 Nov 2019 19:37
 Operator : JU
 Sample : K5760-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-30

Quant Time: Nov 13 02:44:47 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	282302	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1069202	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	535058	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	914340	20.00	ng	0.00
76) Chrysene-d12	14.12	240	729937	20.00	ng	0.00
87) Perylene-d12	15.63	264	805228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1885227	120.88	ng	0.02
7) Phenol-d6	6.55	99	2262202	117.64	ng	0.00
23) Nitrobenzene-d5	7.49	82	1477069	81.56	ng	0.00
42) 2,4,6-Tribromophenol	10.76	330	652810	124.72	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2641167	97.39	ng	0.00
79) Terphenyl-d14	13.06	244	2687134	75.78	ng	0.00

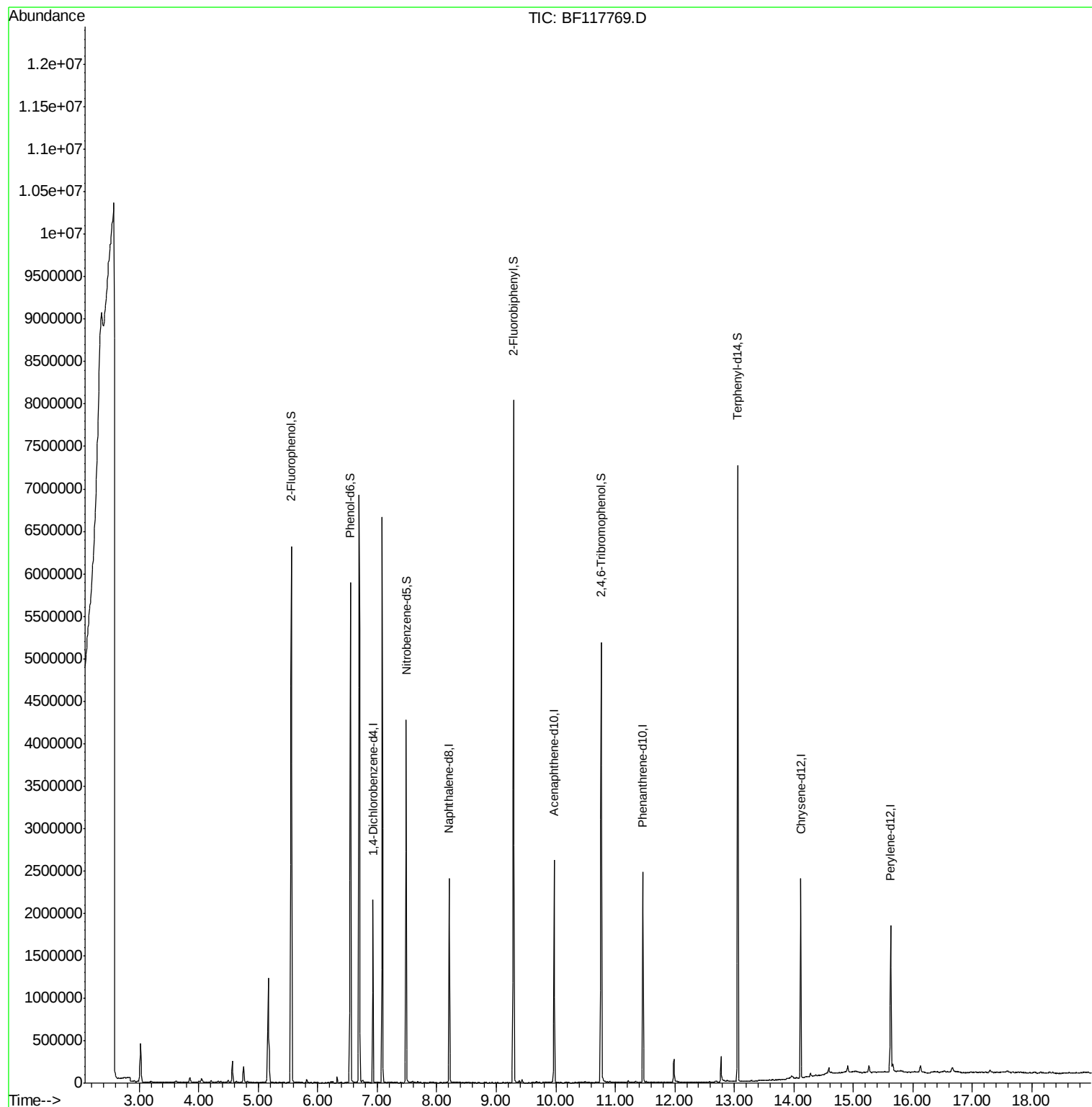
Target Compounds Qvalue

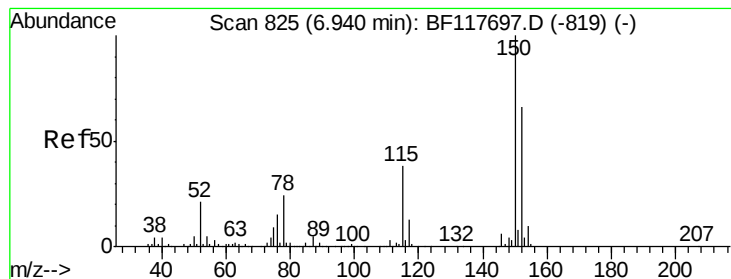
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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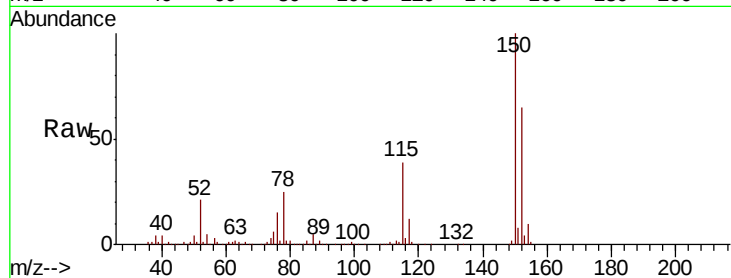


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF117769.D
Acq: 12 Nov 2019 19:37

Instrument :
BNA_F
ClientSampleId :
RBR-30

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.6	190.0
115	59.8	47.6	71.4

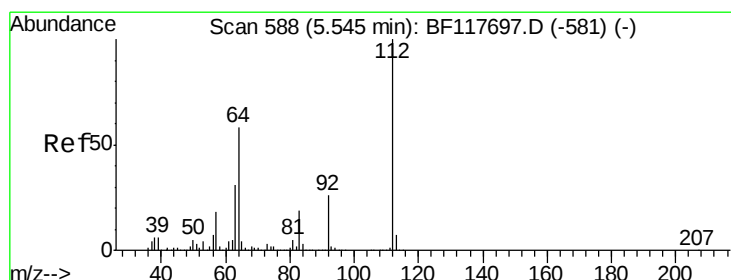
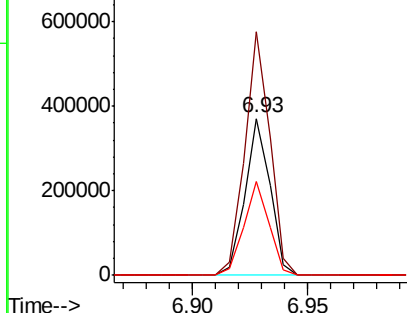
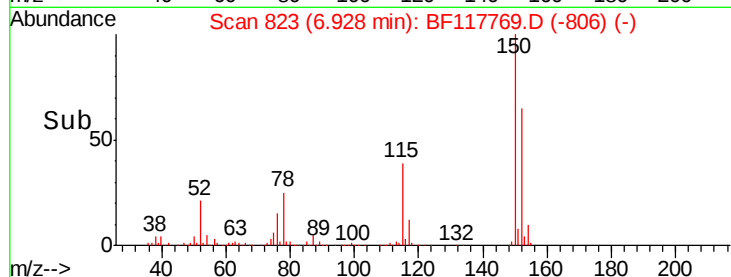


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

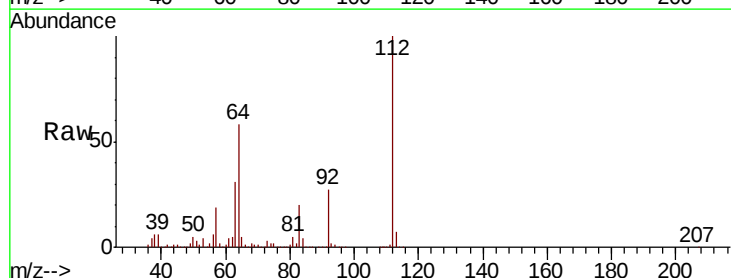
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.883 ng
RT: 5.56 min Scan# 590
Delta R.T. 0.02 min
Lab File: BF117769.D
Acq: 12 Nov 2019 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	43.5	65.3
63	31.2	23.5	35.3

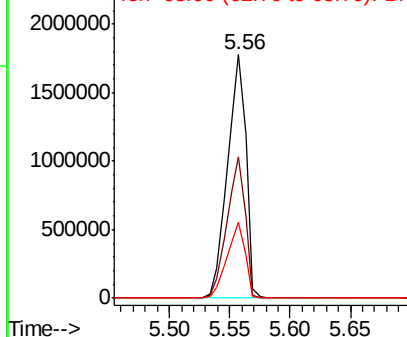
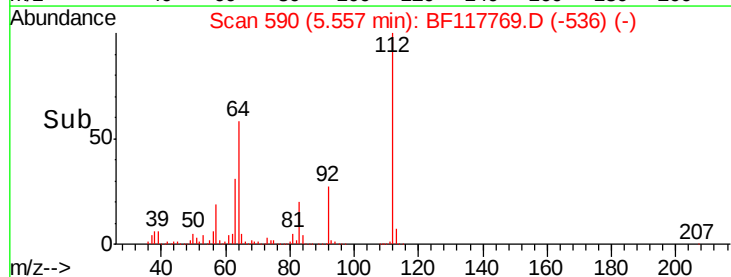


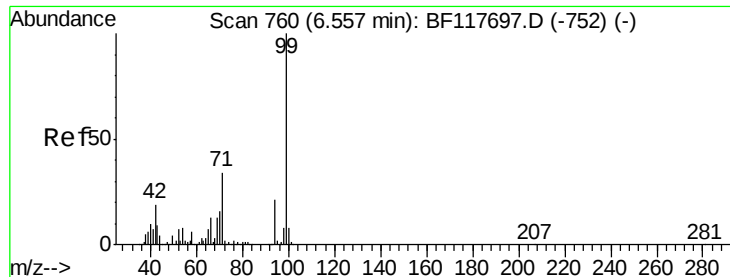
Abundance

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: 117.641 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117769.D

Acq: 12 Nov 2019 19:37

Instrument :

BNA_F

ClientSampled :

RBR-30

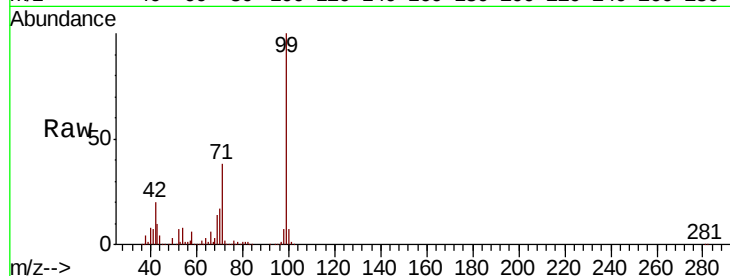
Tot Ion: 99 Resp: 2262202

Ion Ratio Lower Upper

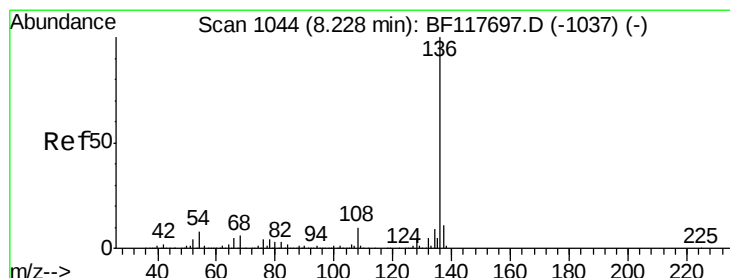
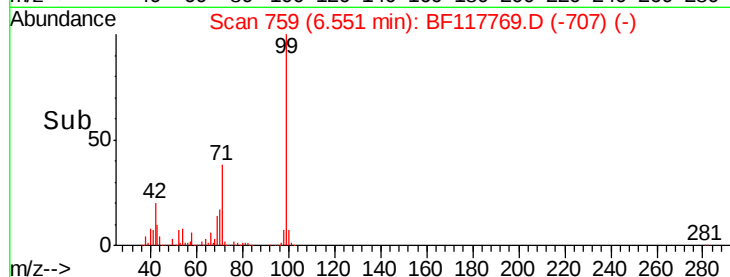
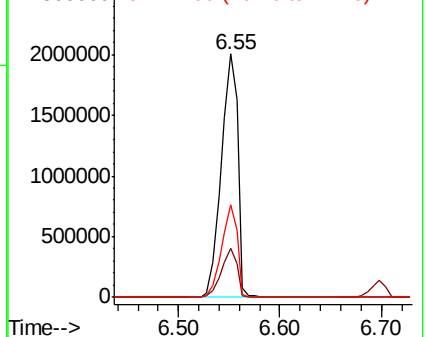
99 100

42 20.2 15.3 22.9

71 37.9 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: BF117769.D

Acq: 12 Nov 2019 19:37

Tgt Ion: 136 Resp: 1069202

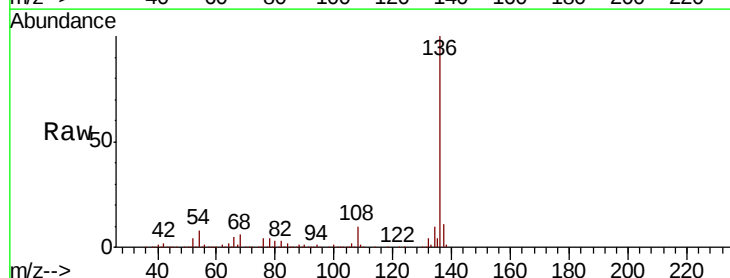
Ion Ratio Lower Upper

136 100

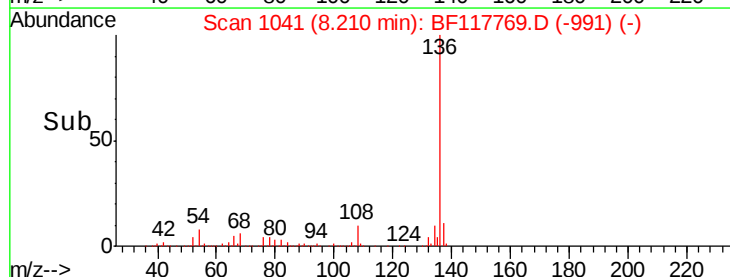
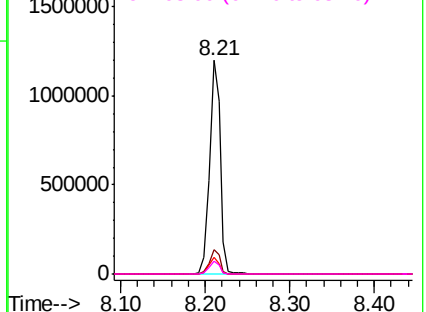
137 11.1 9.0 13.6

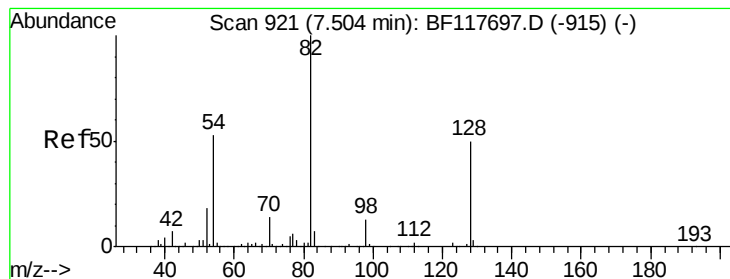
54 7.9 6.1 9.1

68 6.0 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: 81.561 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF117769.D

Acq: 12 Nov 2019 19:37

Instrument :

BNA_F

ClientSampleId :

RBR-30

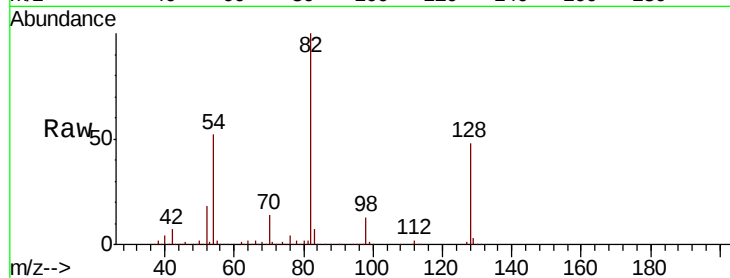
Tot Ion: 82 Resp: 1477069

Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.7	58.1
54	52.4	41.4	62.2

82 100

128 47.6 38.7 58.1

54 52.4 41.4 62.2

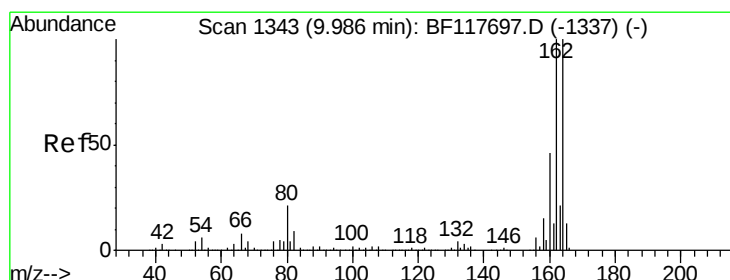
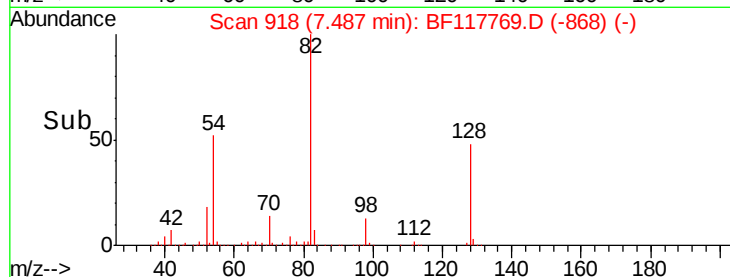
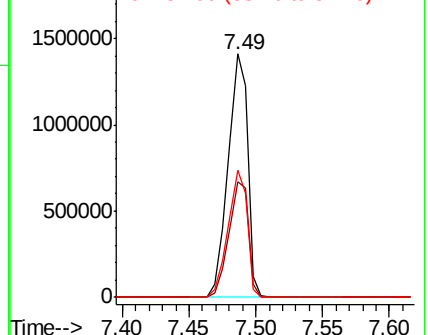


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

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: BF117769.D

Acq: 12 Nov 2019 19:37

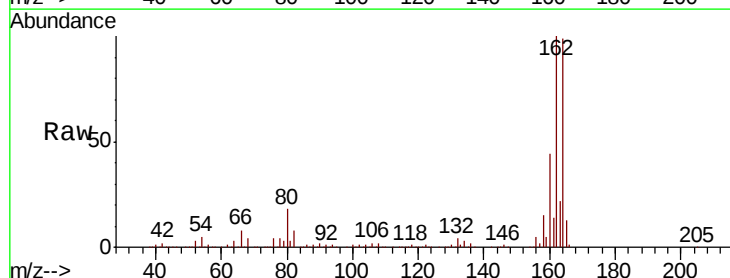
Tgt Ion:164 Resp: 535058

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.2	121.8
160	44.5	36.3	54.5

164 100

162 101.4 81.2 121.8

160 44.5 36.3 54.5

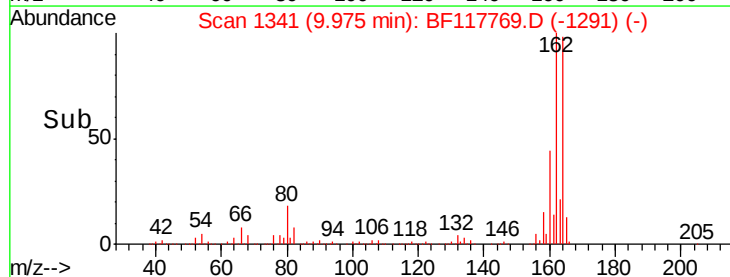
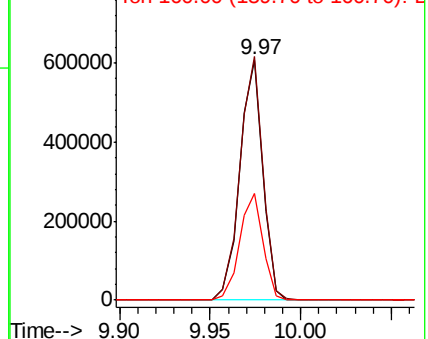


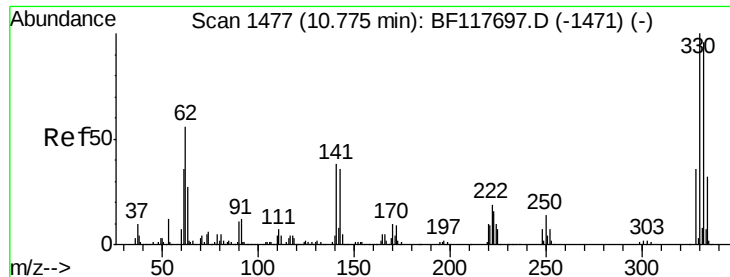
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 124.723 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF117769.D

Acq: 12 Nov 2019 19:37

Instrument :

BNA_F

ClientSampleId :

RBR-30

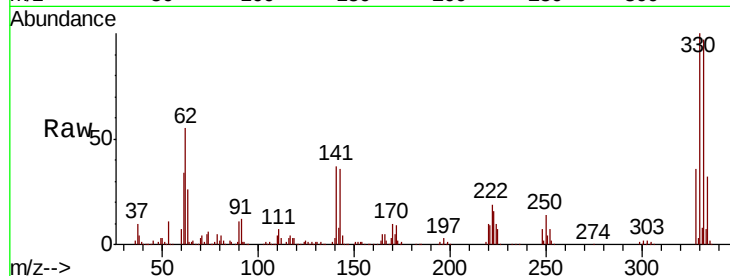
Tot Ion:330 Resp: 652810

Ion Ratio Lower Upper

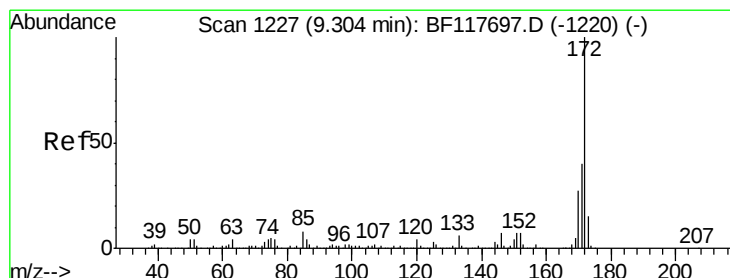
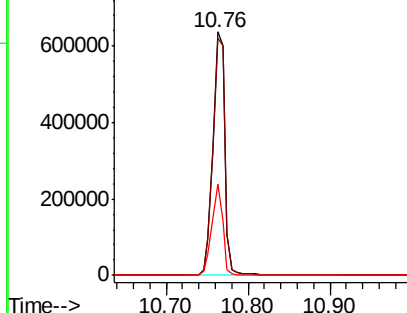
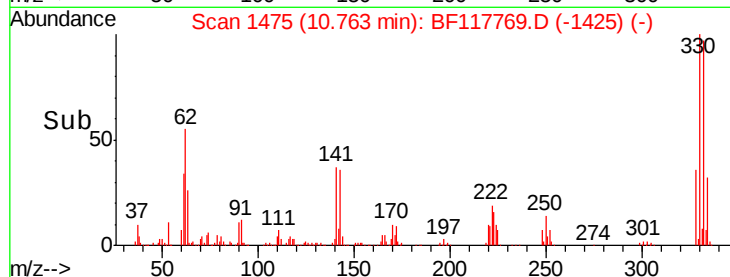
330 100

332 98.2 76.9 115.3

141 33.9 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: 97.392 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF117769.D

Acq: 12 Nov 2019 19:37

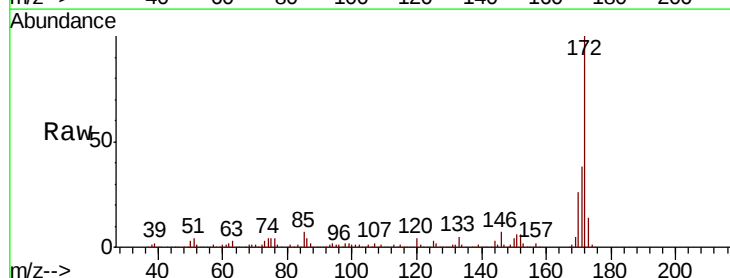
Tgt Ion:172 Resp: 2641167

Ion Ratio Lower Upper

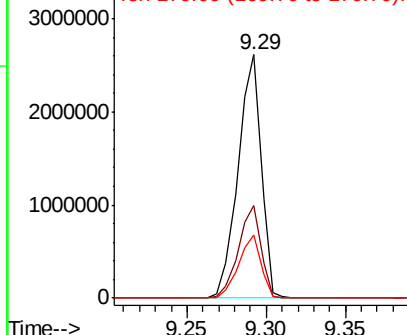
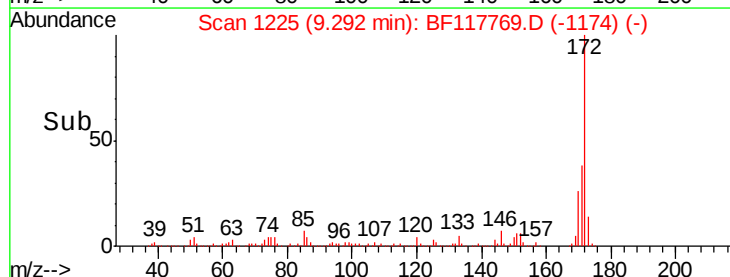
172 100

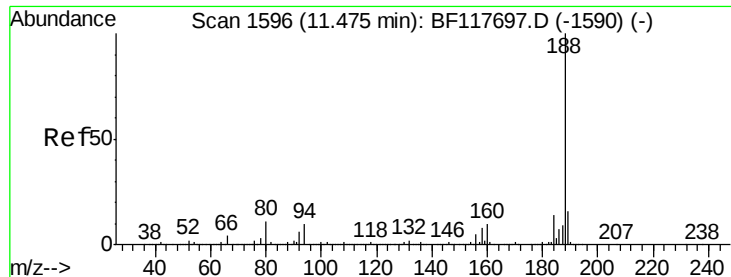
171 38.0 30.7 46.1

170 25.7 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

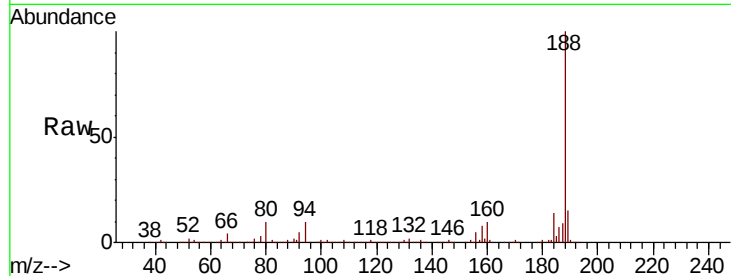




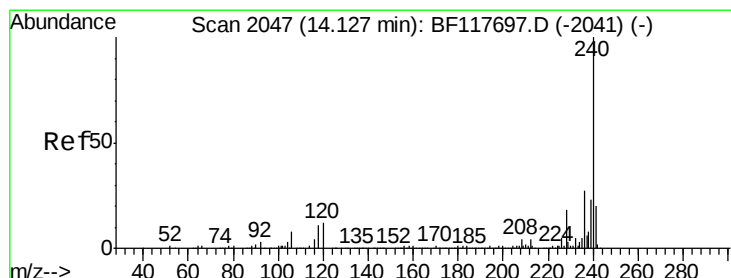
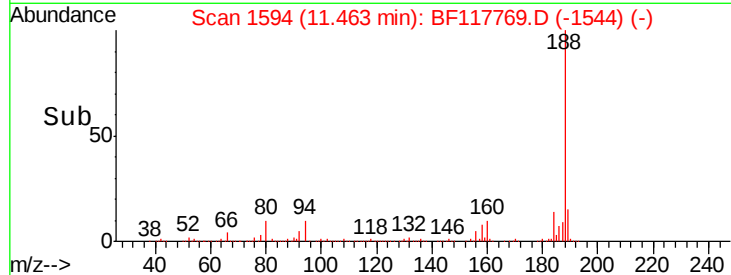
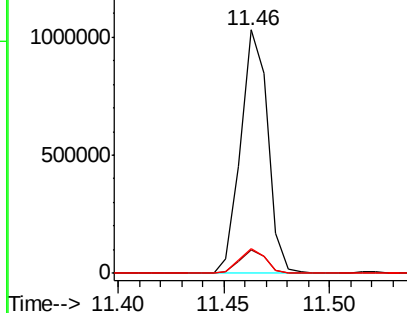
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117769.D
Acq: 12 Nov 2019 19:37

Instrument :
BNA_F
ClientSampled :
RBR-30

Tot Ion:188 Resp: 914340
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.3 8.1 12.1

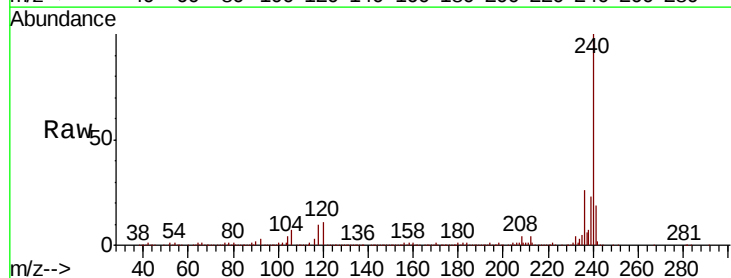


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

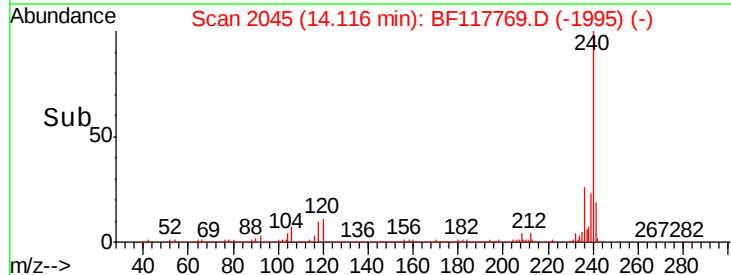
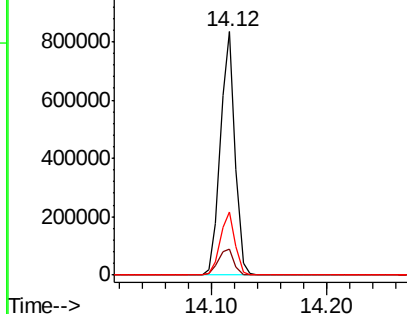


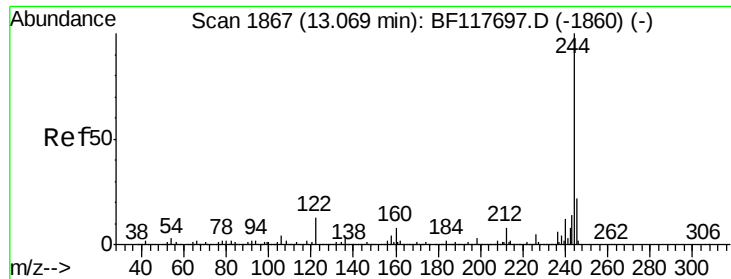
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BF117769.D
Acq: 12 Nov 2019 19:37

Tgt Ion:240 Resp: 729937
Ion Ratio Lower Upper
240 100
120 10.9 9.3 13.9
236 26.1 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: 75.783 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF117769.D

Acq: 12 Nov 2019 19:37

Instrument :

BNA_F

ClientSampleId :

RBR-30

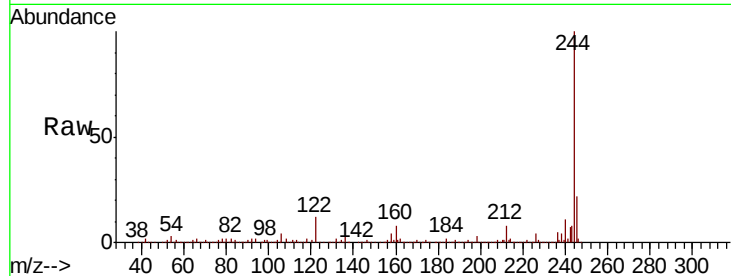
Tot Ion:244 Resp: 2687134

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

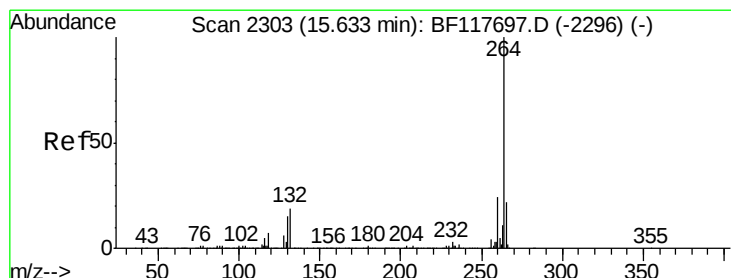
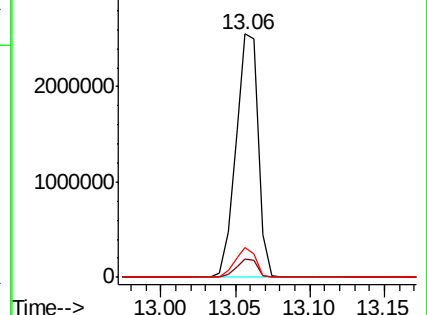
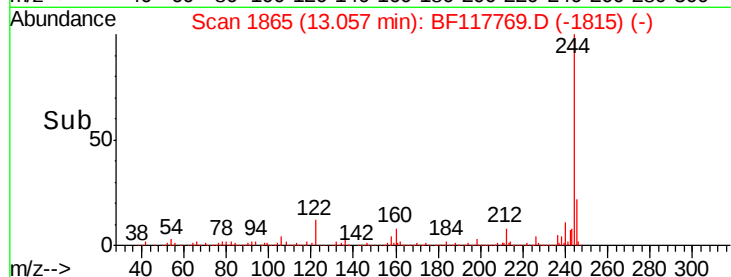
122 12.5 9.1 13.7



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: BF117769.D

Acq: 12 Nov 2019 19:37

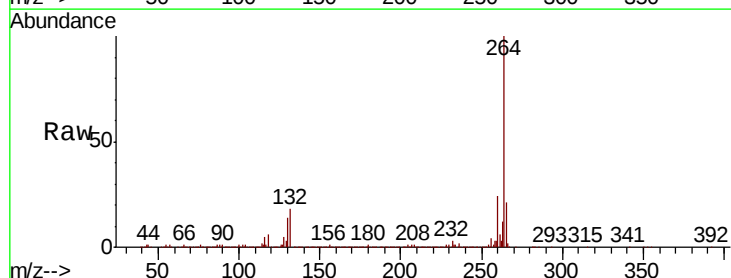
Tgt Ion:264 Resp: 805228

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 21.2 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

