

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118770.D
 Acq On : 30 Jan 2020 23:52
 Operator : CG/JU
 Sample : L1014-11 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-012920

Quant Time: Jan 31 02:15:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	235128	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	859532	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	427786	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	733564	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	672204	20.00	ng	-0.02
87) Perylene-d12	15.47	264	684446	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	211061	16.67	ng	-0.03
7) Phenol-d6	6.46	99	255896	15.55	ng	-0.03
23) Nitrobenzene-d5	7.39	82	152099	9.90	ng	-0.03
42) 2,4,6-Tribromophenol	10.66	330	71356	14.42	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	338344	13.00	ng	-0.02
79) Terphenyl-d14	12.95	244	383145	12.43	ng	-0.02

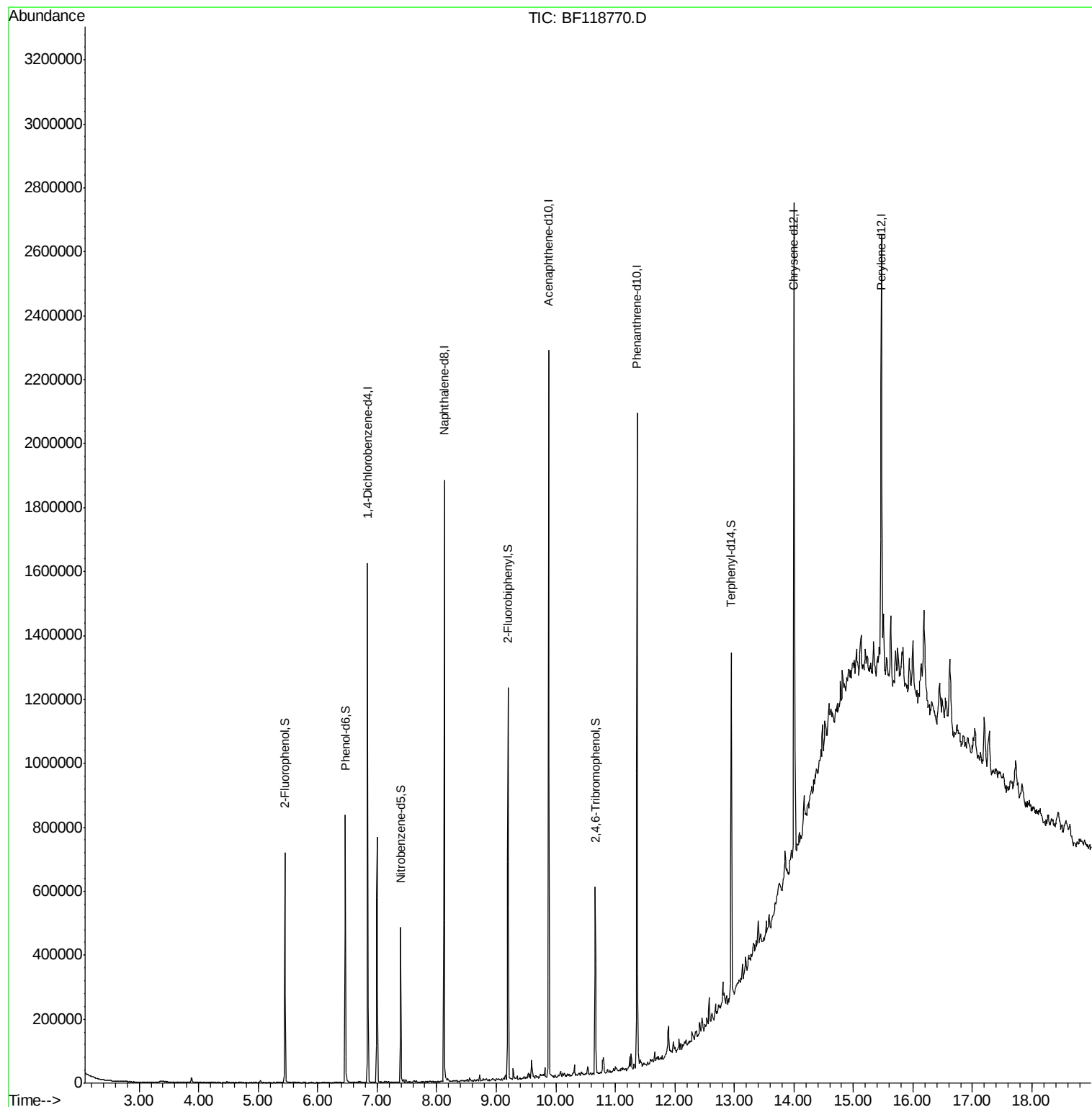
Target Compounds Qvalue

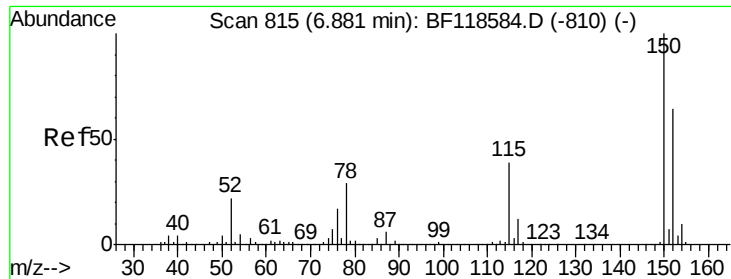
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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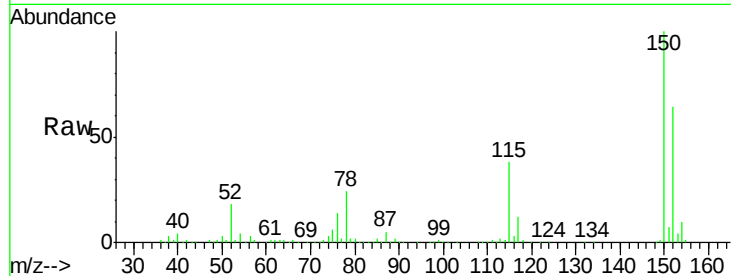


#1

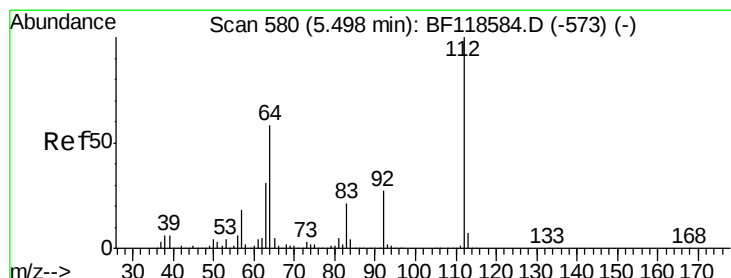
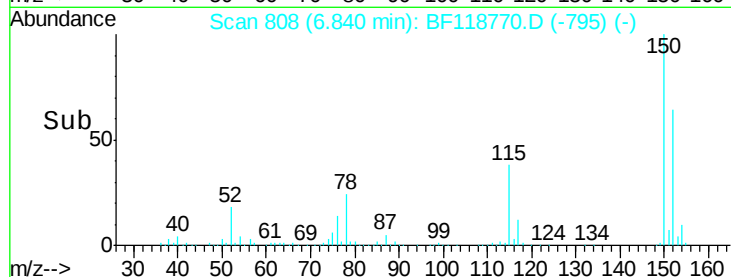
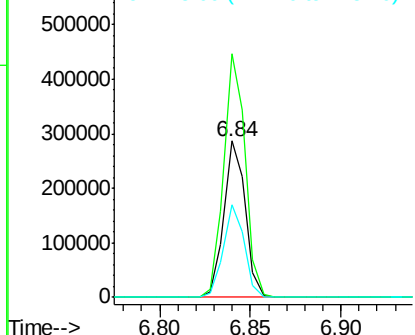
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118770.D
Acq: 30 Jan 2020 23:52

Instrument :
BNA_F
ClientSampleId :
OR-03-012920

Tot Ion:152 Resp: 235128
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 59.7 45.1 67.7



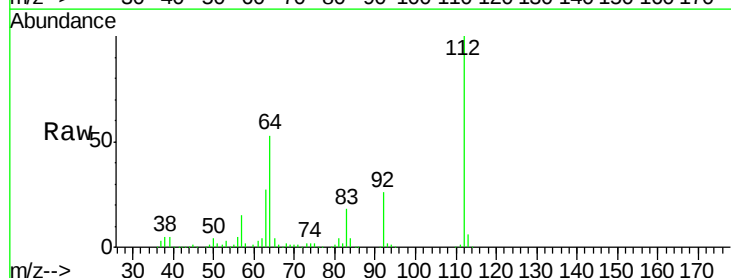
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



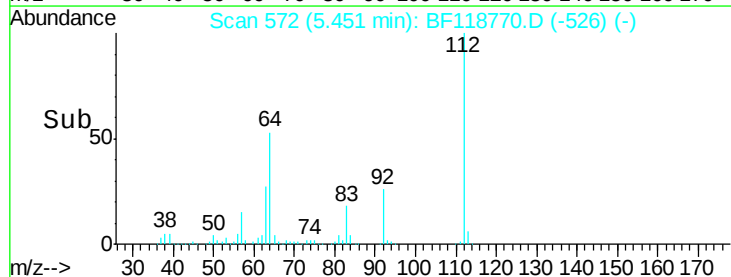
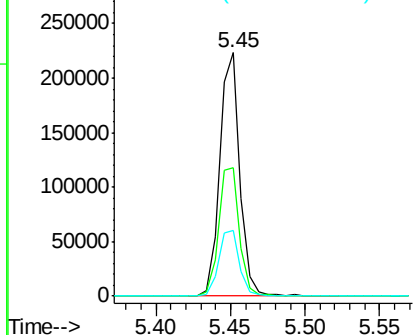
#5

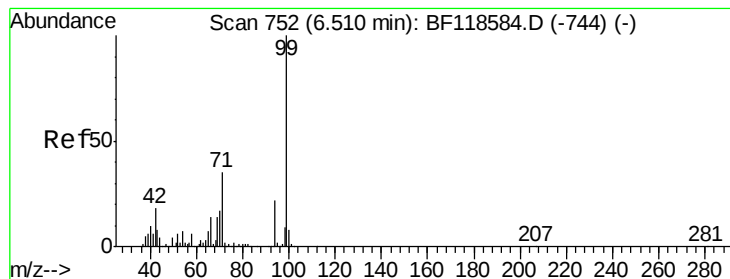
2-Fluorophenol
Concen: 16.672 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118770.D
Acq: 30 Jan 2020 23:52

Tgt Ion:112 Resp: 211061
Ion Ratio Lower Upper
112 100
64 52.7 42.4 63.6
63 27.2 21.7 32.5



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: 15.552 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF118770.D

Acq: 30 Jan 2020 23:52

Instrument :

BNA_F

ClientSampleId :

OR-03-012920

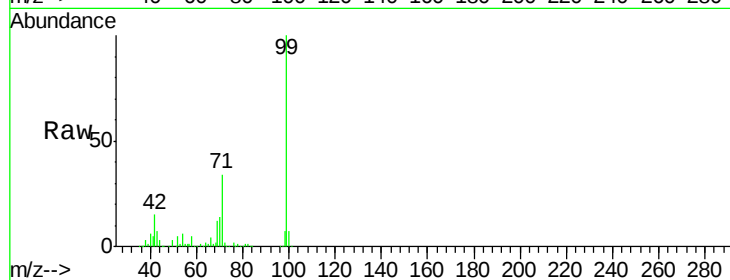
Tot Ion: 99 Resp: 255896

Ion Ratio Lower Upper

99 100

42 15.3 13.1 19.7

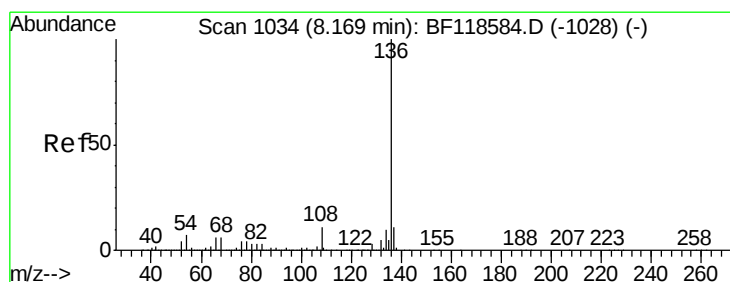
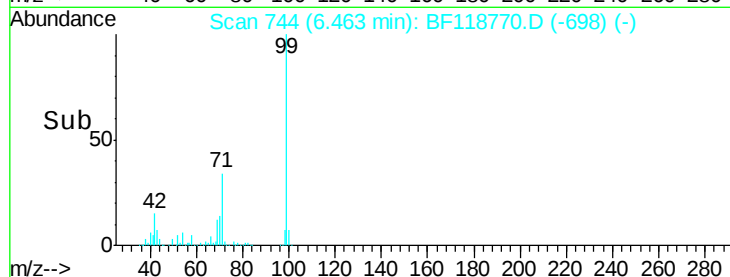
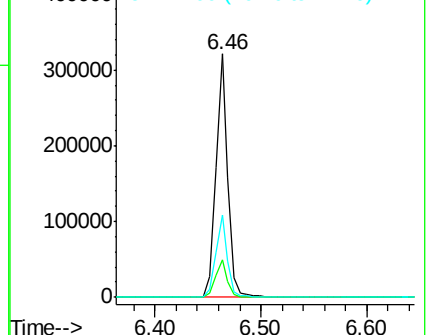
71 33.7 28.4 42.6



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: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF118770.D

Acq: 30 Jan 2020 23:52

Tgt Ion: 136 Resp: 859532

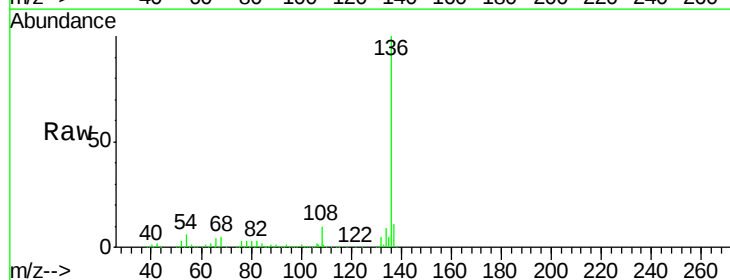
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 5.9 5.1 7.7

68 5.2 4.3 6.5

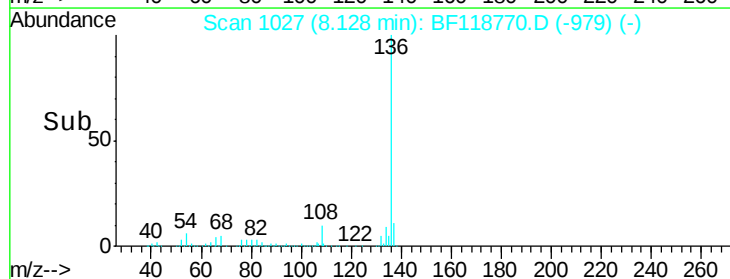
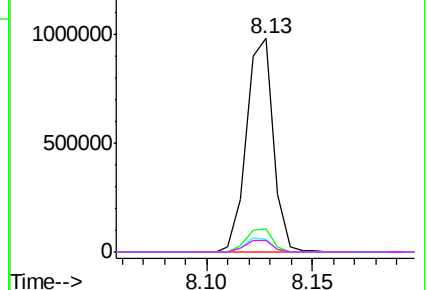


Abundance Ion 136.00 (135.70 to 136.70): E

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

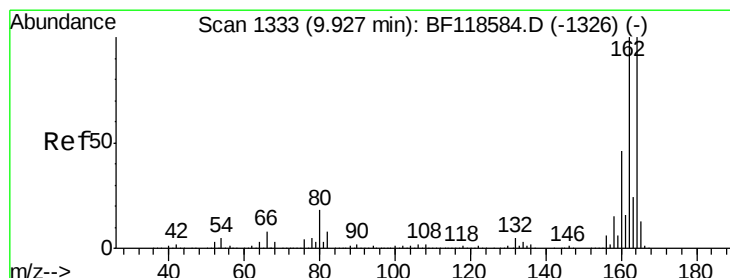
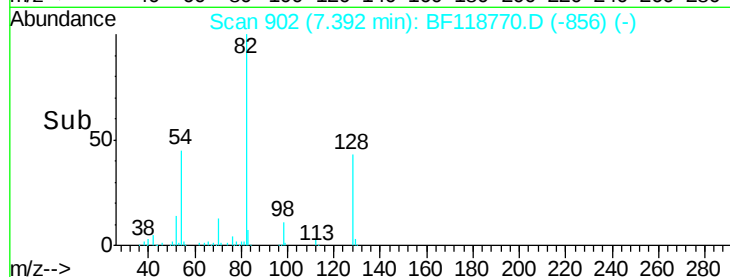
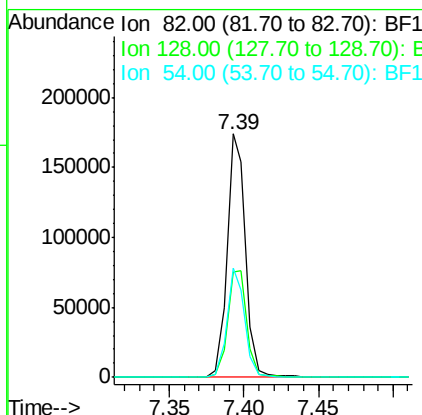
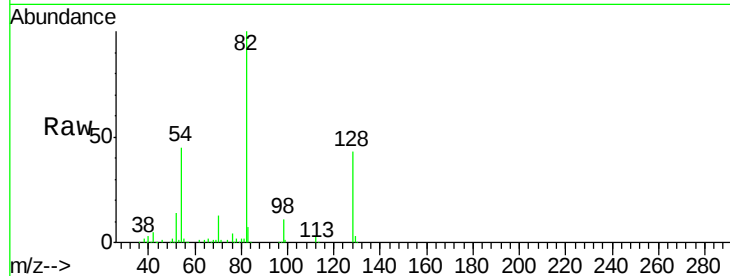




#23
 Nitrobenzene-d5
 Concen: 9.898 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.03 min
 Lab File: BF118770.D
 Acq: 30 Jan 2020 23:52

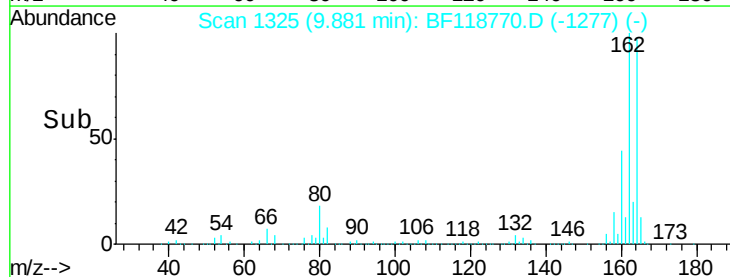
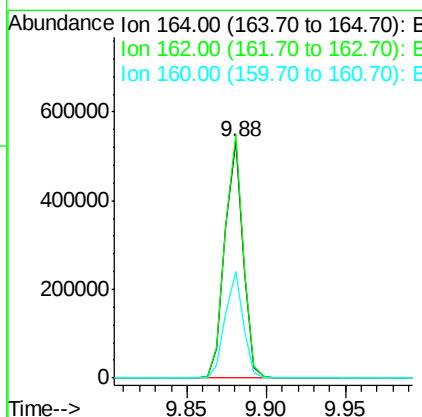
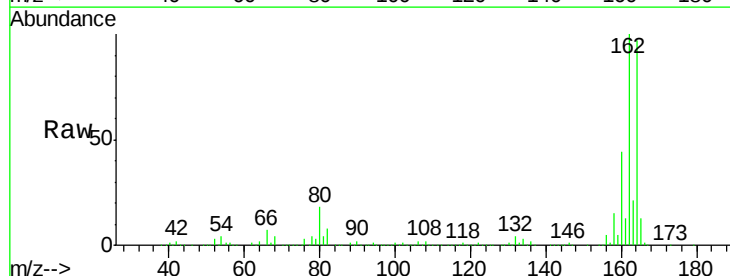
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-012920

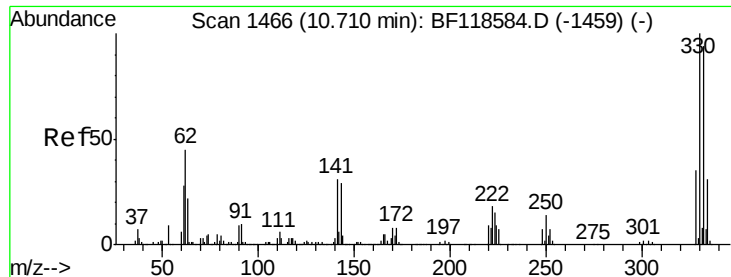
Tot Ion	82	Resp	152099
Ion Ratio	Lower	Upper	
82	100		
128	43.1	38.2	57.2
54	44.8	36.1	54.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF118770.D
 Acq: 30 Jan 2020 23:52

Tgt Ion	164	Resp	427786
Ion Ratio	Lower	Upper	
164	100		
162	102.8	80.8	121.2
160	44.8	35.4	53.0

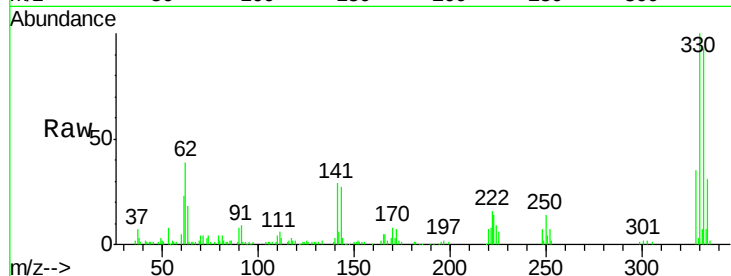




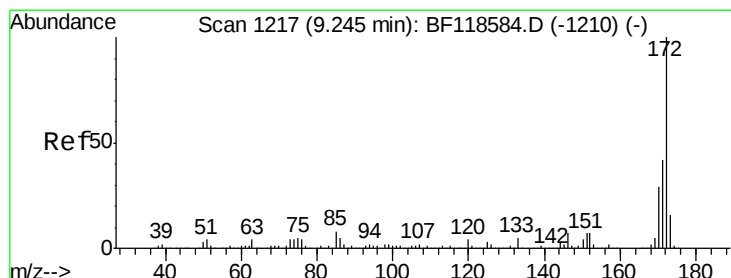
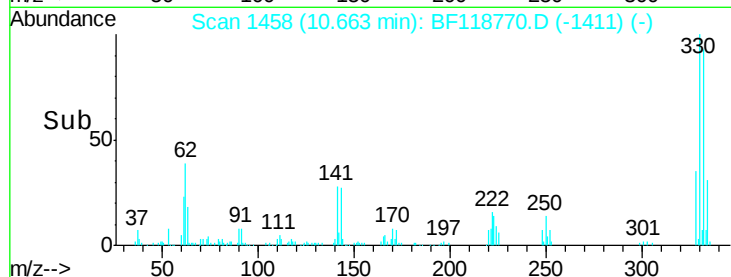
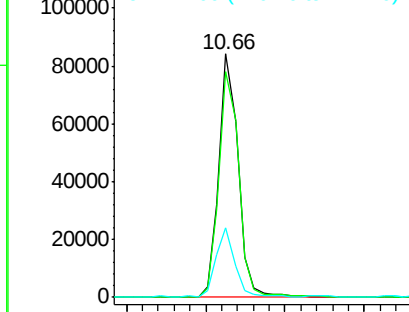
#42
 2,4,6-Tribromophenol
 Concen: 14.421 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF118770.D
 Acq: 30 Jan 2020 23:52

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-012920

Tot Ion:330 Resp: 71356
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.6 116.4
 141 29.1 22.2 33.2

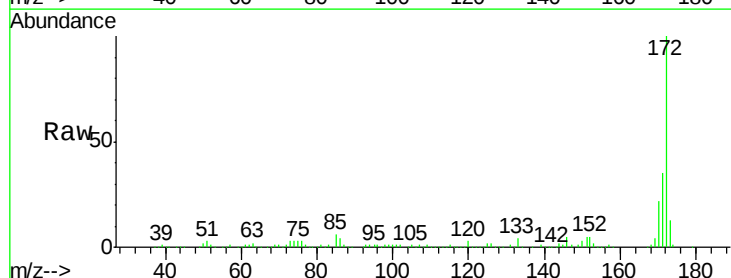


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

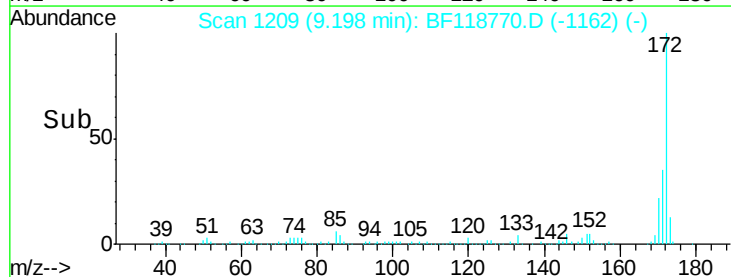
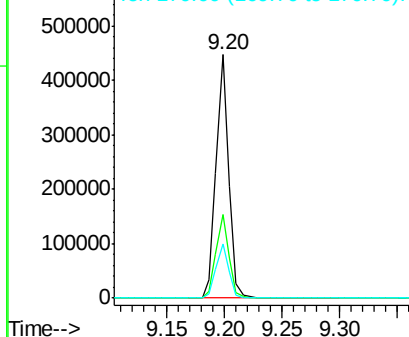


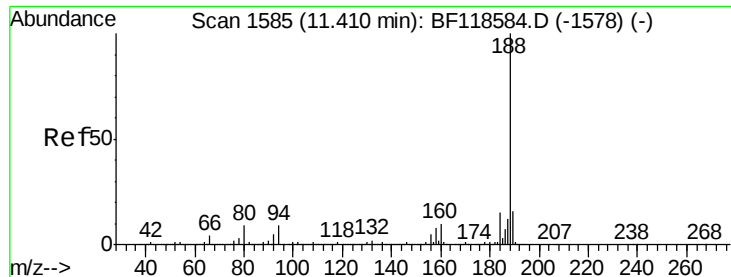
#45
 2-Fluorobiphenyl
 Concen: 13.000 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF118770.D
 Acq: 30 Jan 2020 23:52

Tgt Ion:172 Resp: 338344
 Ion Ratio Lower Upper
 172 100
 171 34.6 31.0 46.4
 170 22.2 20.7 31.1



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

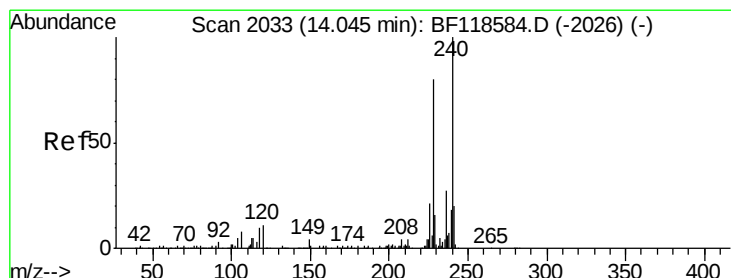
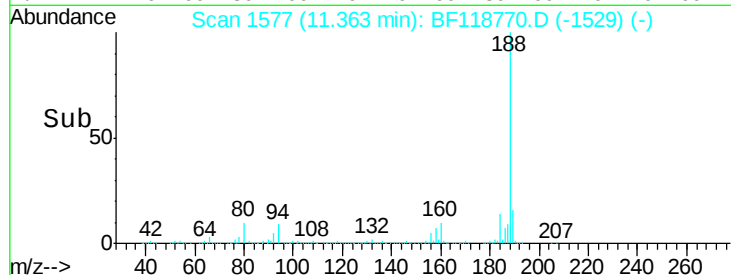
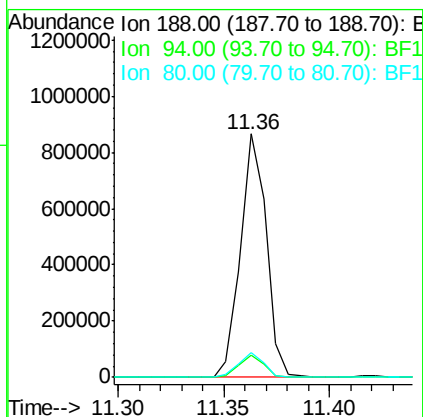
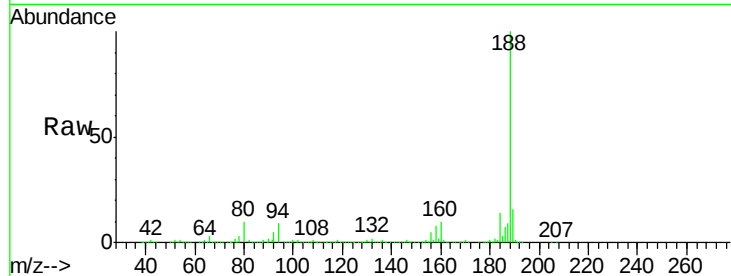




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118770.D
Acq: 30 Jan 2020 23:52

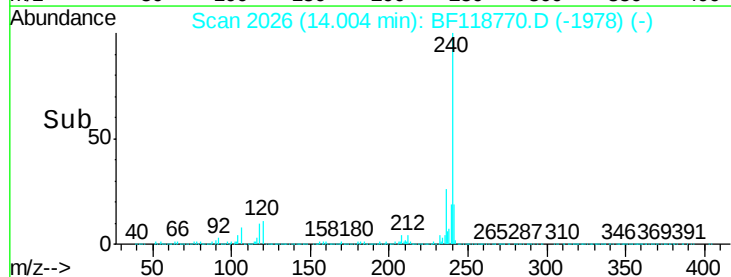
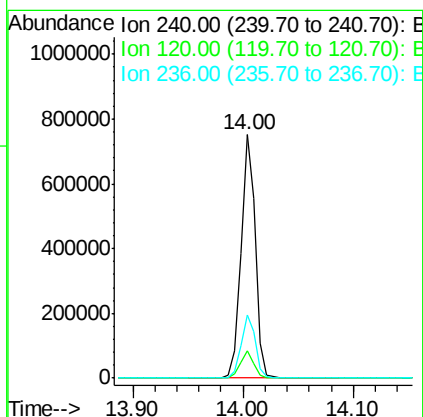
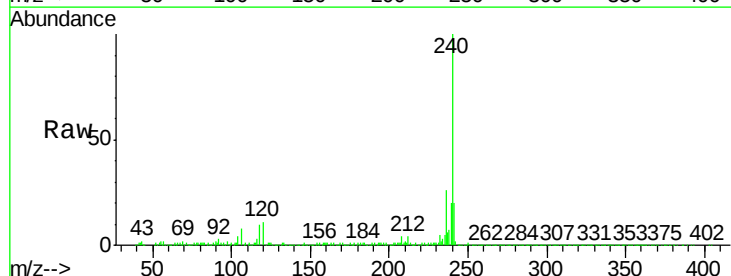
Instrument :
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OR-03-012920

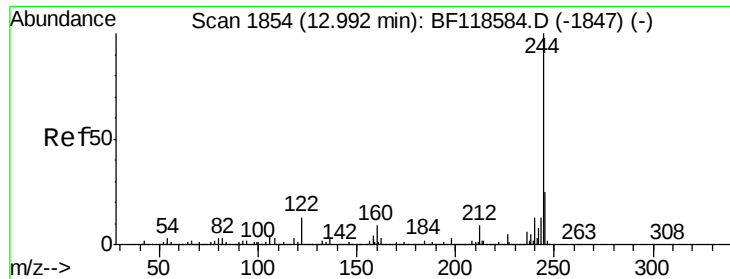
Tot Ion:188 Resp: 733564
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.0 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF118770.D
Acq: 30 Jan 2020 23:52

Tgt Ion:240 Resp: 672204
Ion Ratio Lower Upper
240 100
120 11.1 7.6 11.4
236 26.0 21.0 31.4





#79

Terphenyl-d14

Concen: 12.432 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF118770.D

Acq: 30 Jan 2020 23:52

Instrument :

BNA_F

ClientSampleId :

OR-03-012920

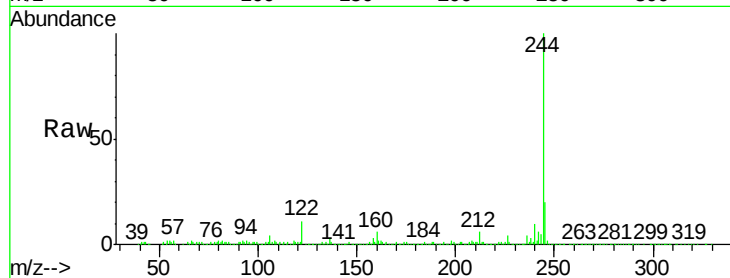
Tot Ion:244 Resp: 383145

Ion Ratio Lower Upper

244 100

212 6.1 6.3 9.5#

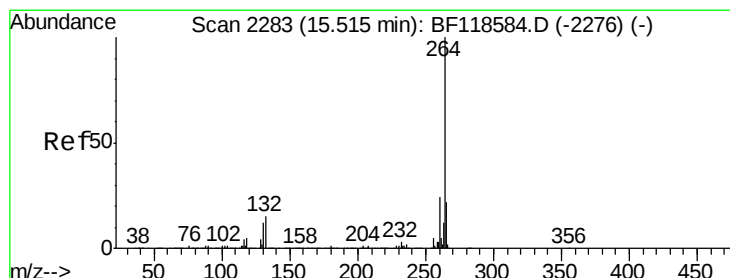
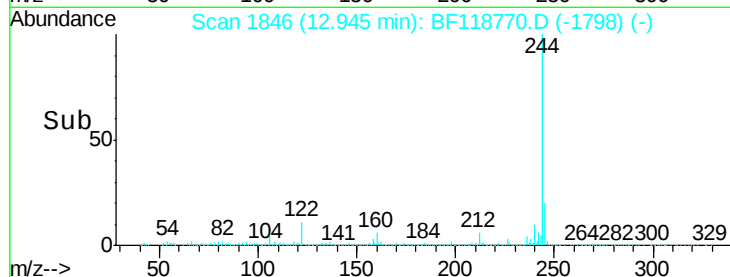
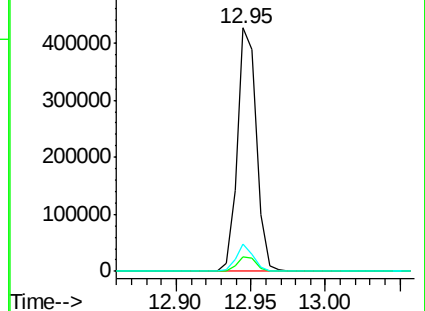
122 11.0 9.2 13.8



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF118770.D

Acq: 30 Jan 2020 23:52

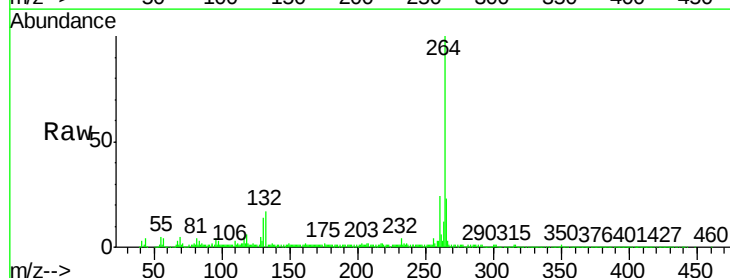
Tgt Ion:264 Resp: 684446

Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 22.8 17.0 25.6



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

