

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121811.D
 Acq On : 5 Oct 2020 10:58
 Operator : JU/CG
 Sample : PB132057BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BL

Quant Time: Oct 05 11:23:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	122808	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	493573	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	265906	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	528589	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	483510	20.00	ng	-0.01
86) Perylene-d12	15.36	264	459615	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	822317	99.51	ng	0.00
7) Phenol-d6	6.40	99	1055314	97.34	ng	-0.01
23) Nitrobenzene-d5	7.33	82	726531	79.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	352720	106.73	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1294345	73.72	ng	-0.01
79) Terphenyl-d14	12.87	244	1579419	66.18	ng	0.00

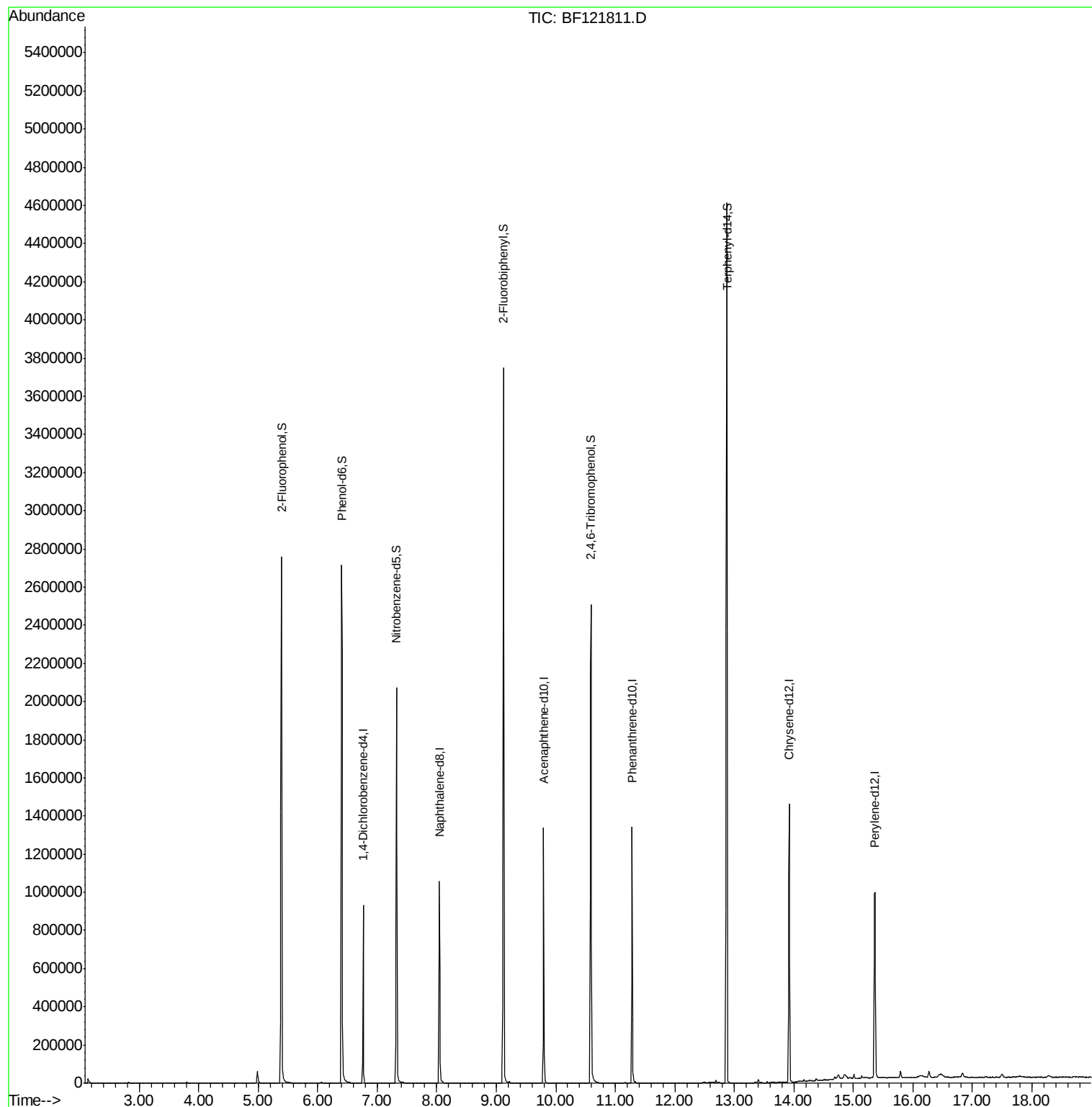
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF121811.D

Acq: 5 Oct 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB132057BL

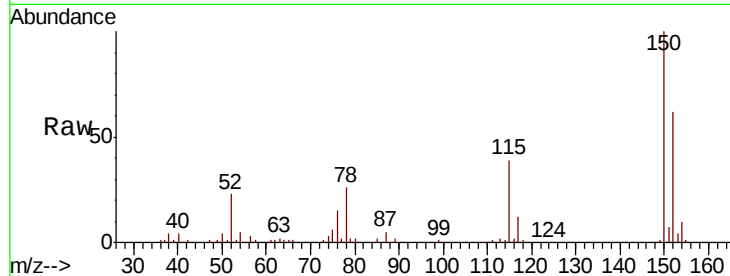
Tot Ion:152 Resp: 122808

Ion Ratio Lower Upper

152 100

150 161.7 125.3 187.9

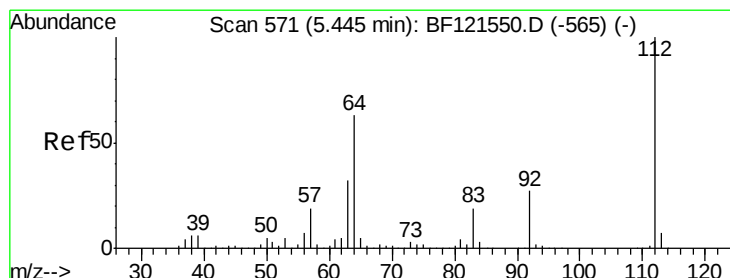
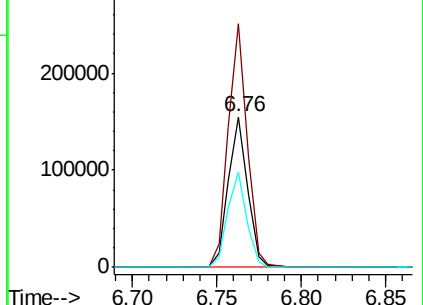
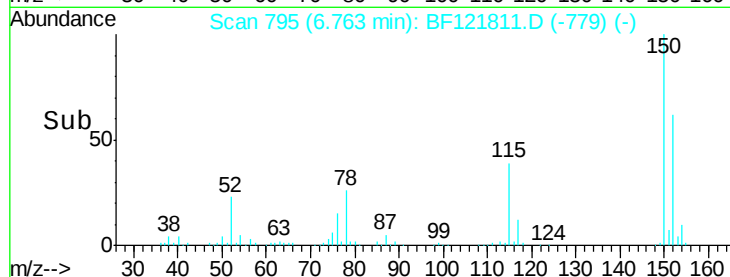
115 63.2 51.9 77.9



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: 99.510 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF121811.D

Acq: 5 Oct 2020 10:58

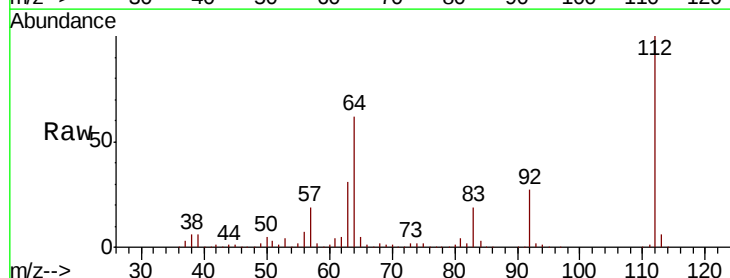
Tgt Ion:112 Resp: 822317

Ion Ratio Lower Upper

112 100

64 62.0 50.4 75.6

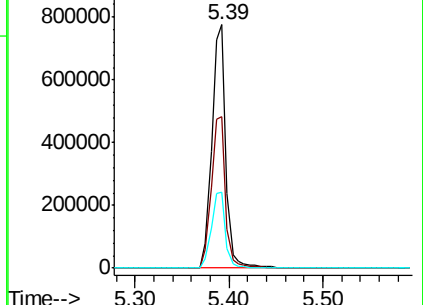
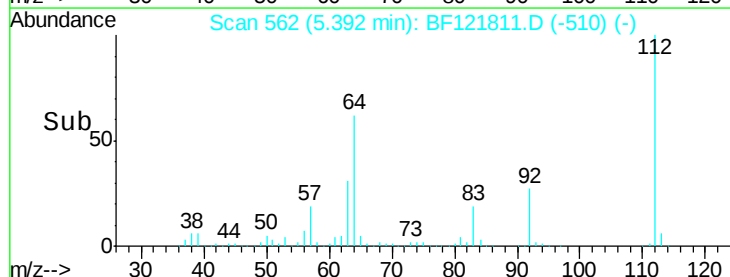
63 31.2 25.8 38.6



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: 97.341 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121811.D

Acq: 5 Oct 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB132057BL

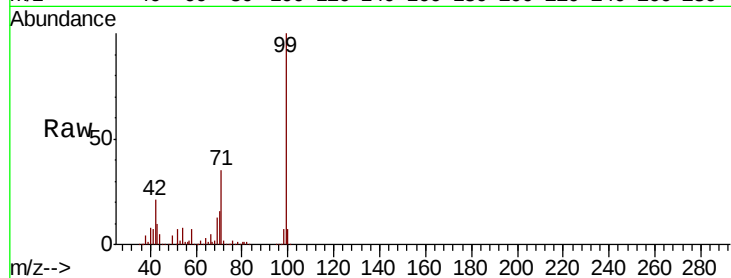
Tot Ion: 99 Resp: 1055314

Ion Ratio Lower Upper

99 100

42 20.7 15.9 23.9

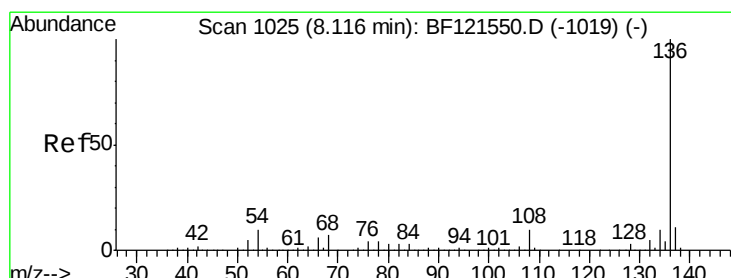
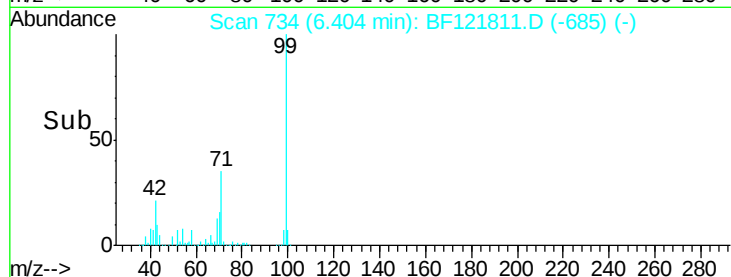
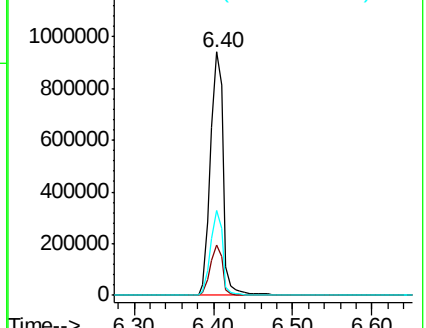
71 34.8 27.1 40.7



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: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121811.D

Acq: 5 Oct 2020 10:58

Tgt Ion: 136 Resp: 493573

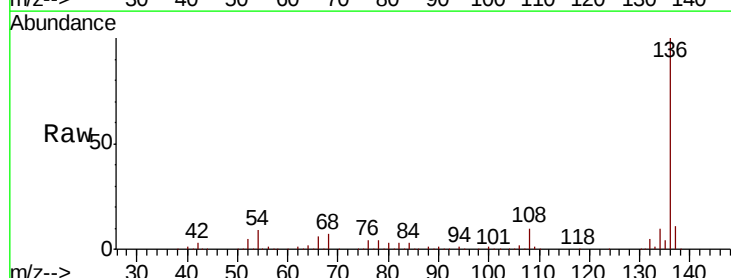
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 9.4 7.1 10.7

68 6.9 5.0 7.4

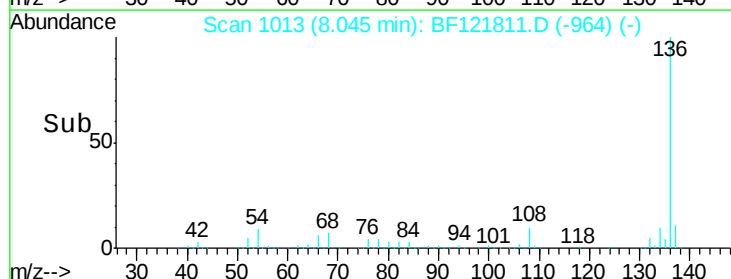
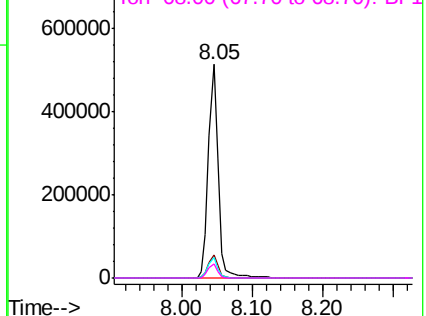


Abundance Ion 136.00 (135.70 to 136.70): E

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

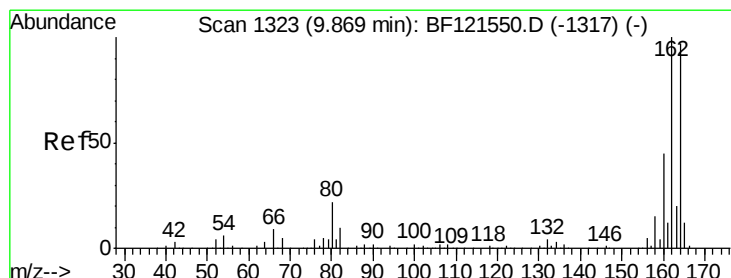
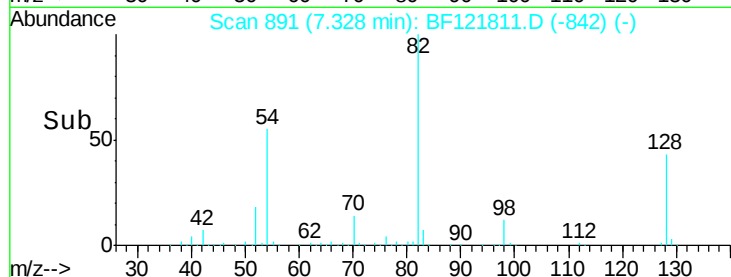
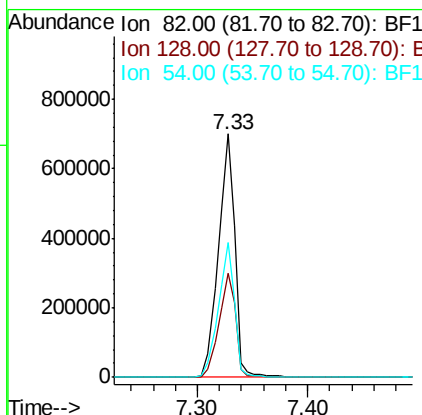
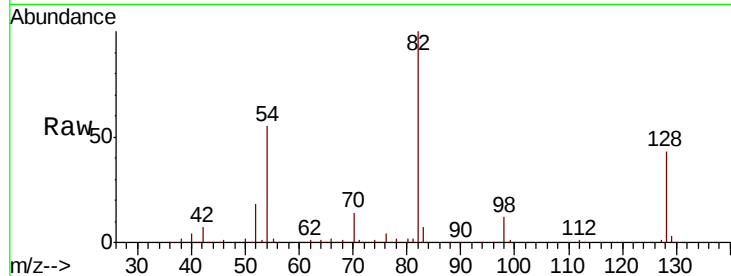




#23
 Nitrobenzene-d5
 Concen: 79.033 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF121811.D
 Acq: 5 Oct 2020 10:58

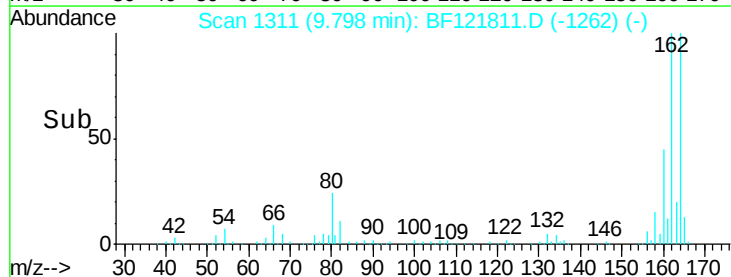
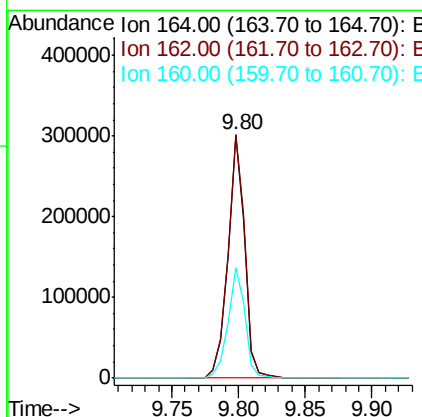
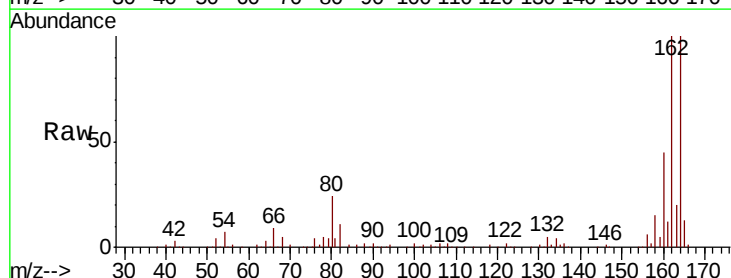
Instrument :
 BNA_F
 ClientSampleId :
 PB132057BL

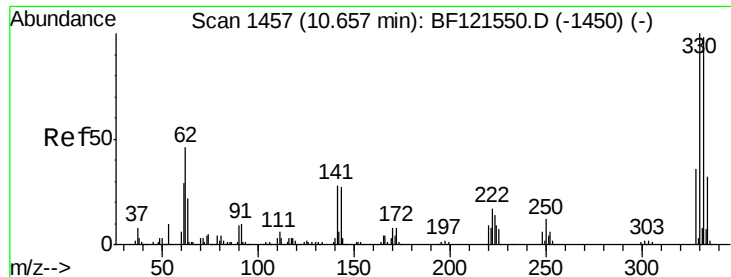
Tot Ion	82	Resp	726531
Ion Ratio	Lower	Upper	
82	100		
128	42.6	35.0	52.4
54	55.2	43.9	65.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF121811.D
 Acq: 5 Oct 2020 10:58

Tgt Ion	164	Resp	265906
Ion Ratio	Lower	Upper	
164	100		
162	100.3	83.2	124.8
160	45.5	37.5	56.3

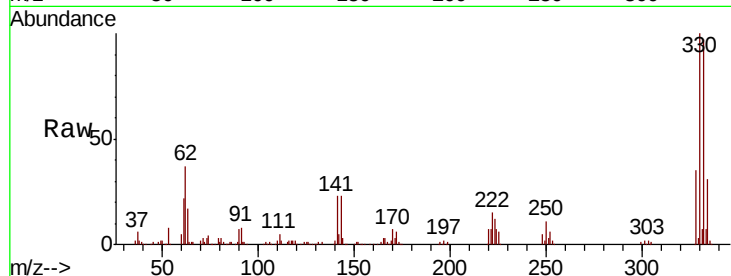




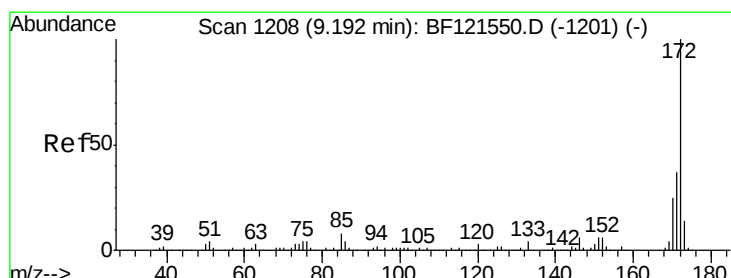
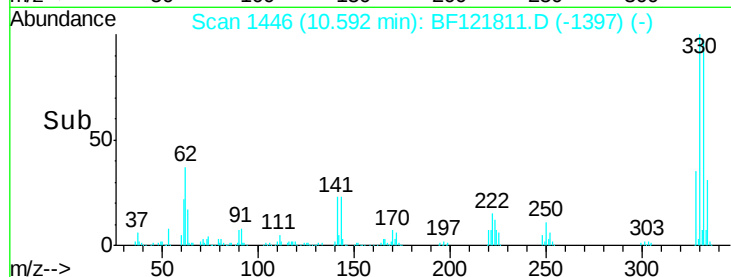
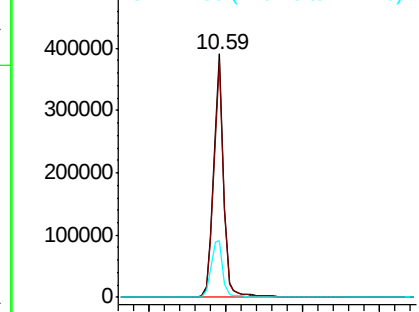
#42
 2,4,6-Tribromophenol
 Concen: 106.728 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121811.D
 Acq: 5 Oct 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB132057BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	27.9	22.3	33.5

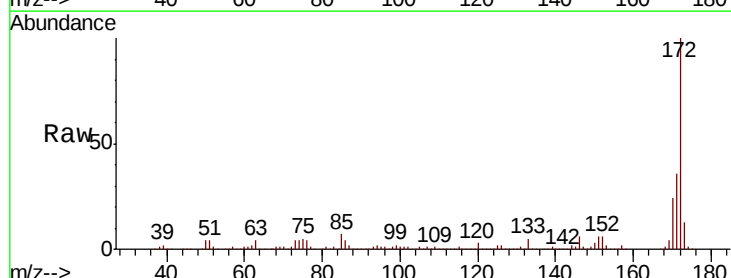


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

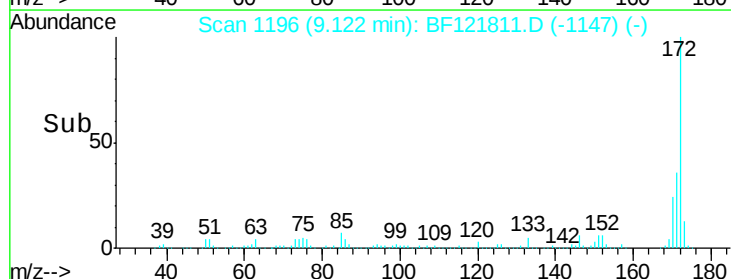
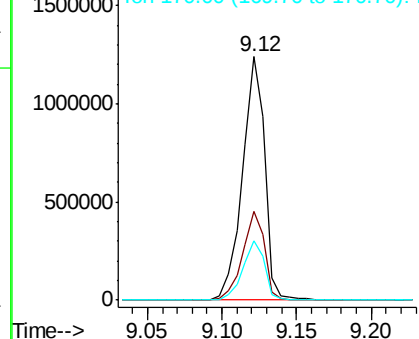


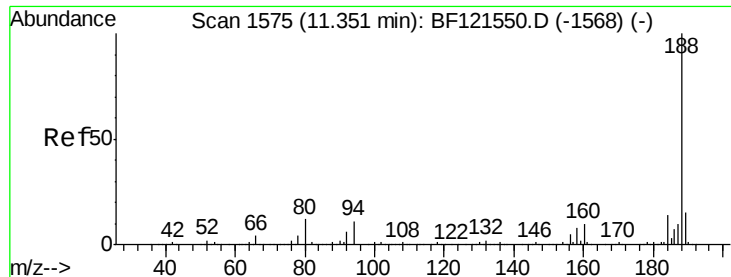
#45
 2-Fluorobiphenyl
 Concen: 73.723 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121811.D
 Acq: 5 Oct 2020 10:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	24.4	19.8	29.6



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: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF121811.D

Acq: 5 Oct 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB132057BL

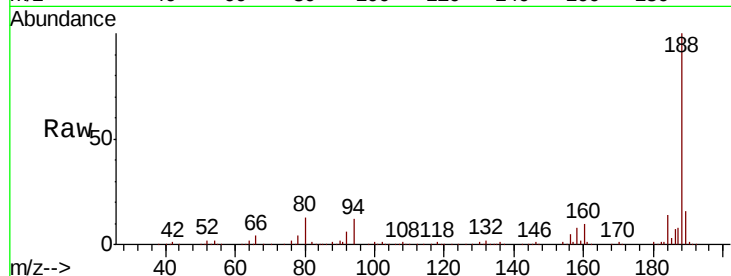
Tot Ion:188 Resp: 528589

Ion Ratio Lower Upper

188 100

94 11.8 8.3 12.5

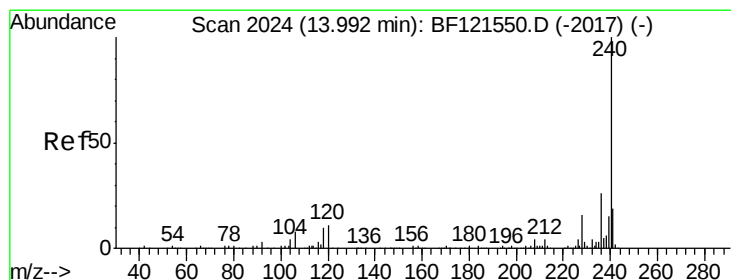
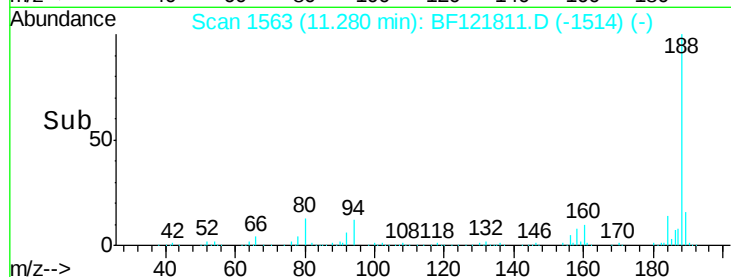
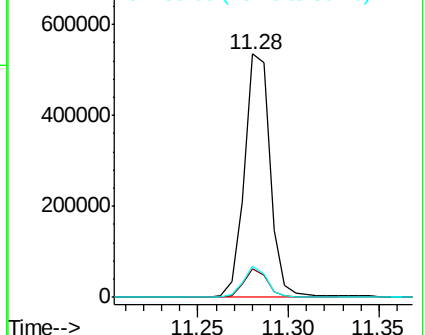
80 12.8 9.1 13.7



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: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF121811.D

Acq: 5 Oct 2020 10:58

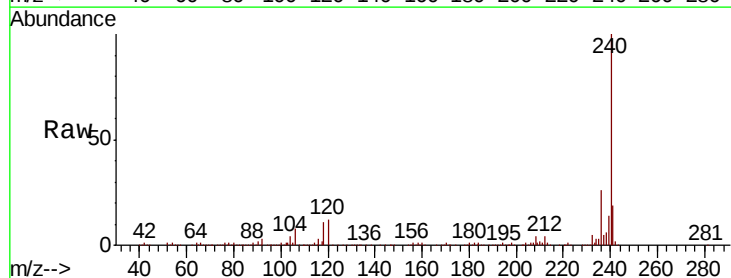
Tgt Ion:240 Resp: 483510

Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

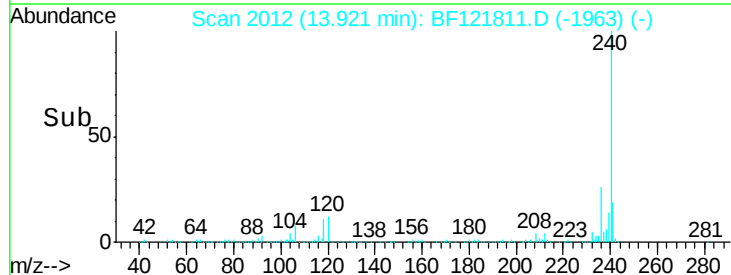
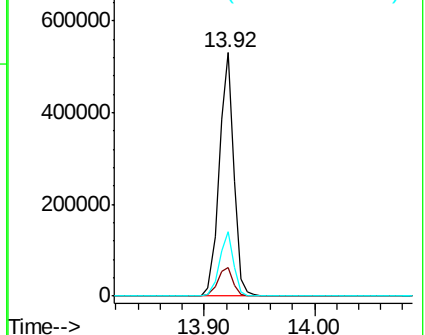
236 26.4 20.9 31.3



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: 66.178 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121811.D

Acq: 5 Oct 2020 10:58

Instrument :

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ClientSampleId :

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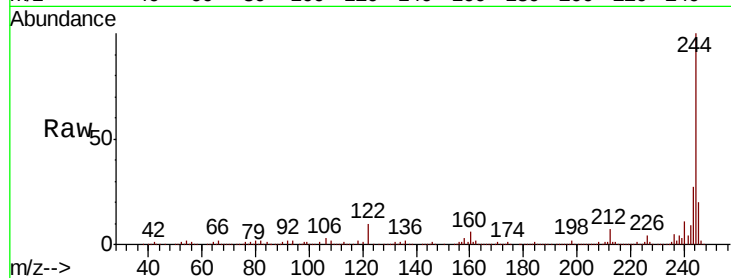
Tot Ion:244 Resp: 1579419

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

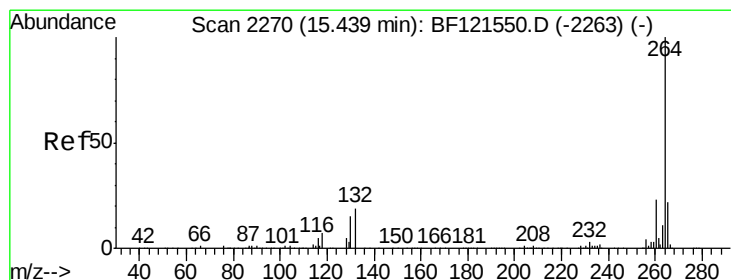
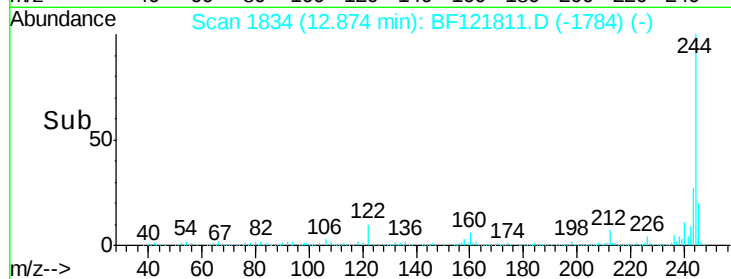
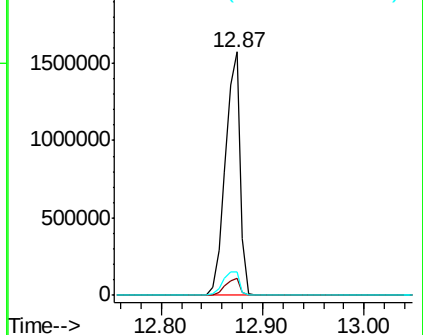
122 9.7 8.1 12.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BF121811.D

Acq: 5 Oct 2020 10:58

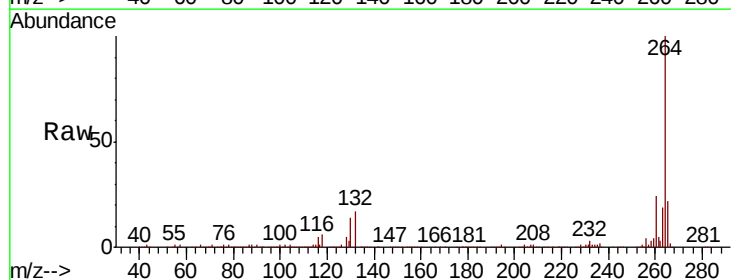
Tgt Ion:264 Resp: 459615

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.7 17.3 25.9



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

