

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
 Data File : BF119473.D
 Acq On : 20 Mar 2020 15:43
 Operator : CG/JU
 Sample : PB127713BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127713BL

Quant Time: Mar 20 23:31:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	296221	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1147462	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	593066	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1107027	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	639935	20.00	ng	0.00
87) Perylene-d12	15.50	264	651931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1787183	96.04	ng	0.01
7) Phenol-d6	6.47	99	2262562	95.18	ng	0.00
23) Nitrobenzene-d5	7.41	82	1390855	65.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	570862	93.30	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2539513	63.44	ng	0.00
79) Terphenyl-d14	12.97	244	2768039	84.75	ng	0.00

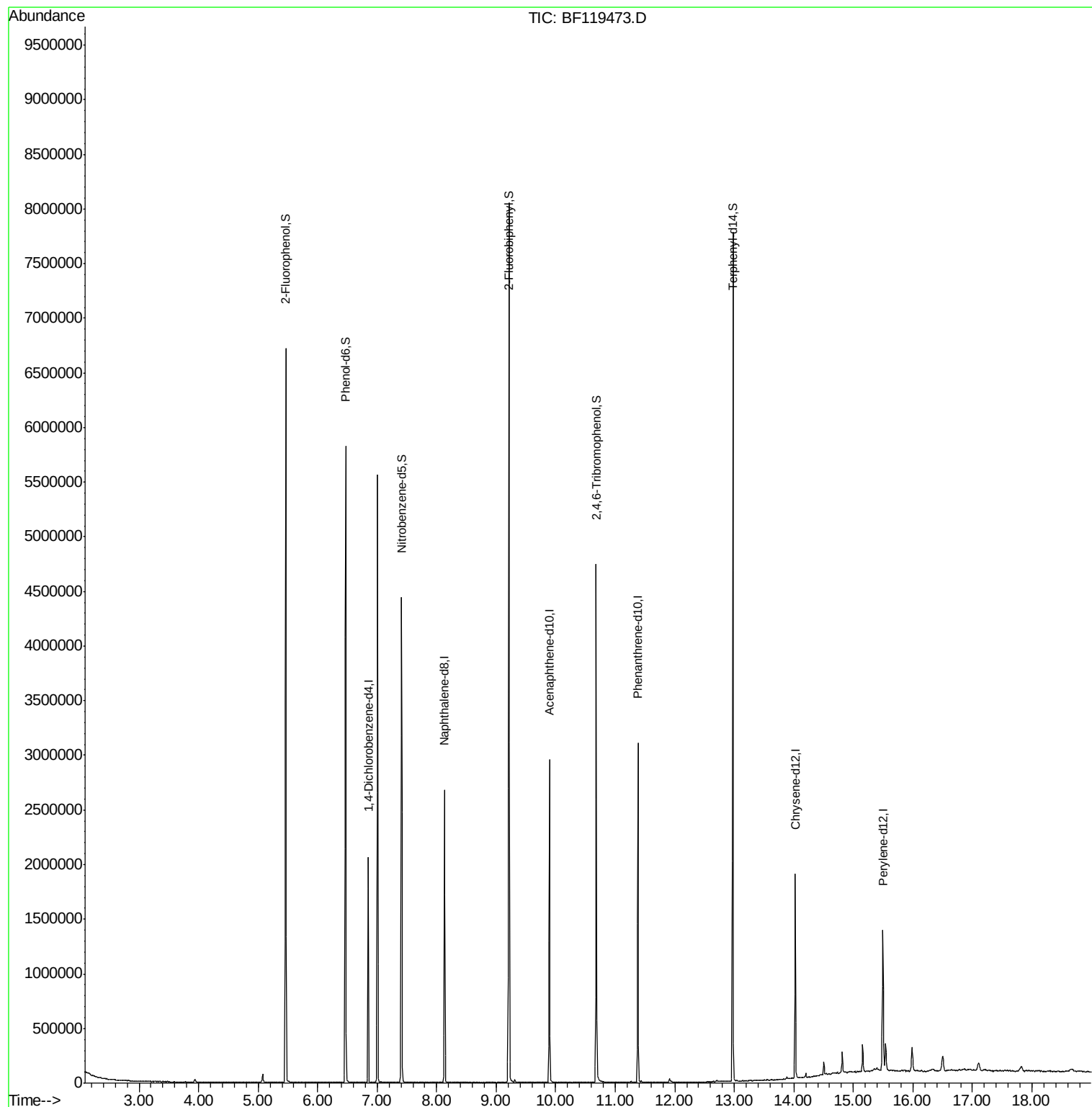
Target Compounds Qvalue

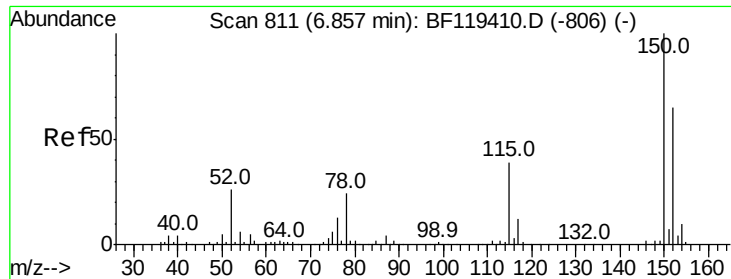
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

Instrument :

BNA_F

ClientSampleId :

PB127713BL

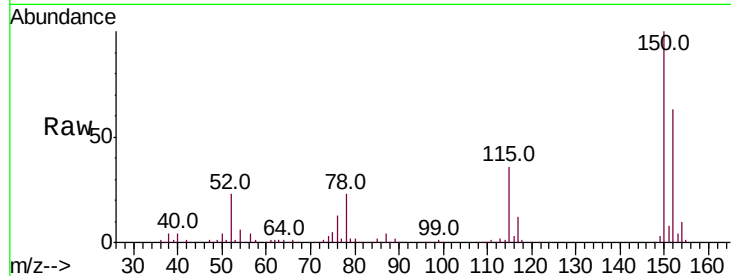
Tot Ion:152 Resp: 296221

Ion Ratio Lower Upper

152 100

150 158.0 123.9 185.9

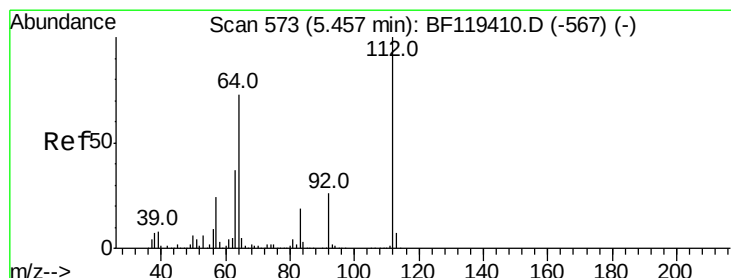
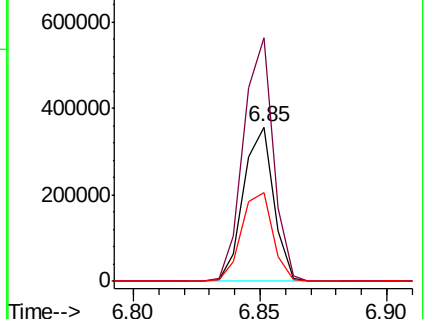
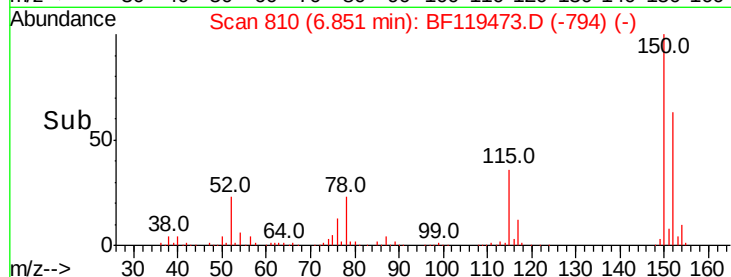
115 57.4 47.8 71.6



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: 96.044 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

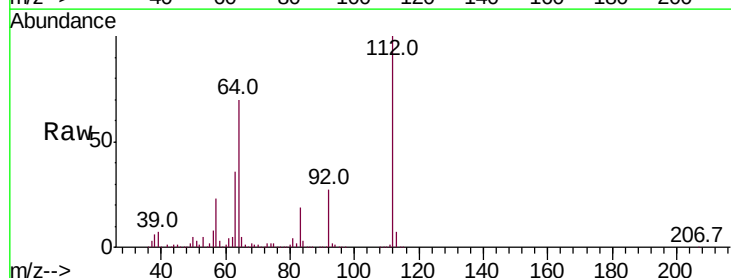
Tgt Ion:112 Resp: 1787183

Ion Ratio Lower Upper

112 100

64 69.5 58.1 87.1

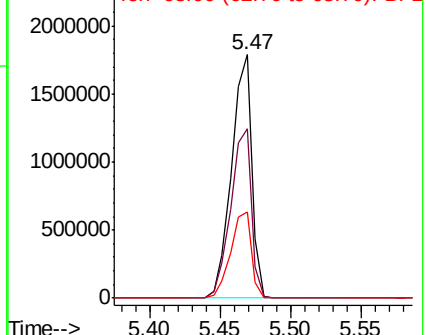
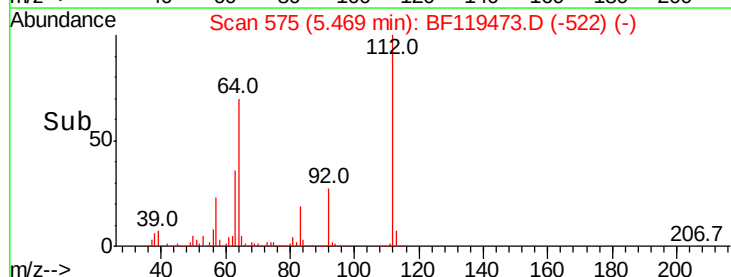
63 35.6 29.7 44.5

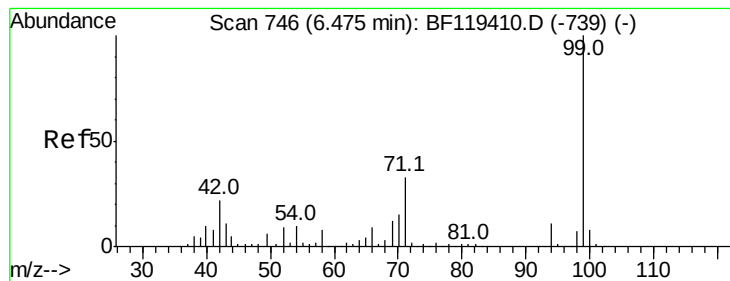


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.184 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

Instrument :

BNA_F

ClientSampleId :

PB127713BL

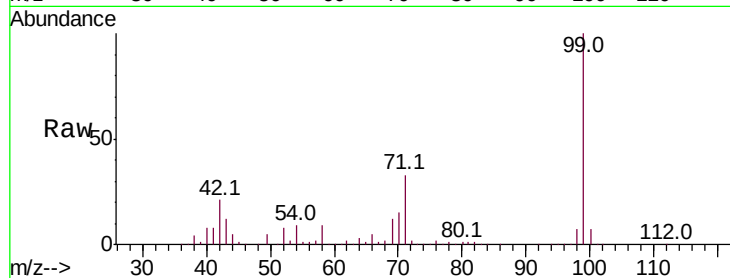
Tot Ion: 99 Resp: 2262562

Ion Ratio Lower Upper

99 100

42 21.4 17.8 26.6

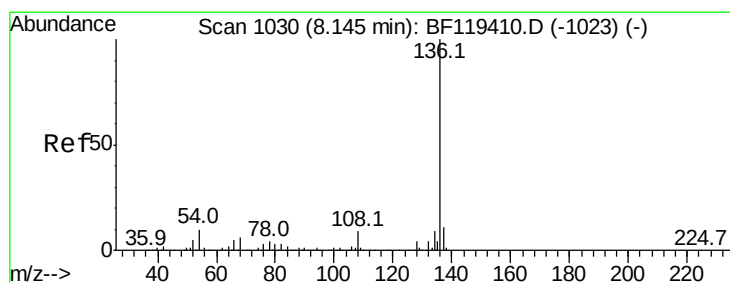
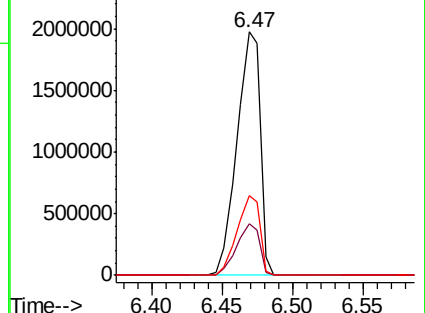
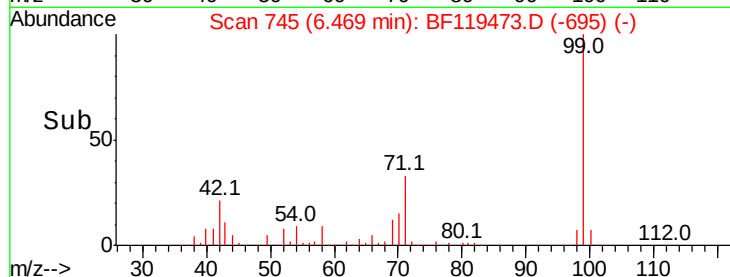
71 32.7 26.0 39.0



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# 1028

Delta R.T. -0.01 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

Tgt Ion:136 Resp: 1147462

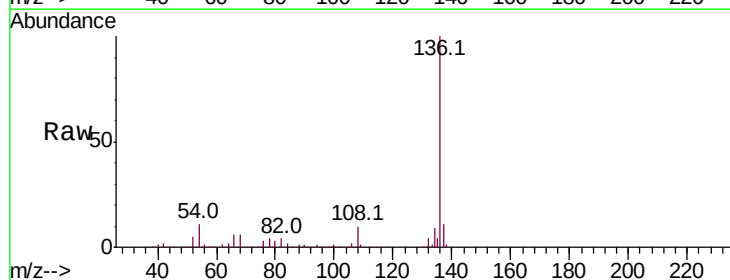
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 11.5 8.3 12.5

68 6.3 4.9 7.3

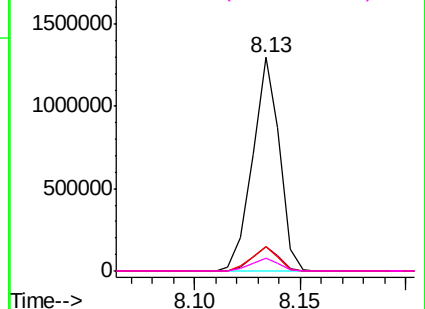
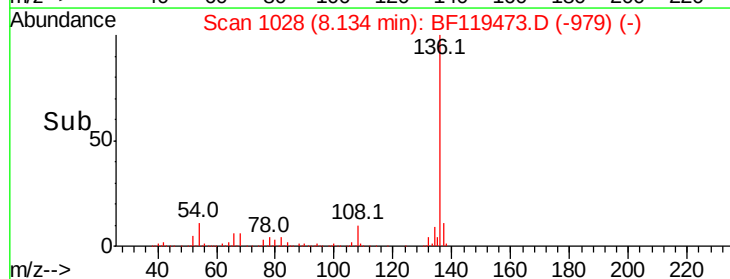


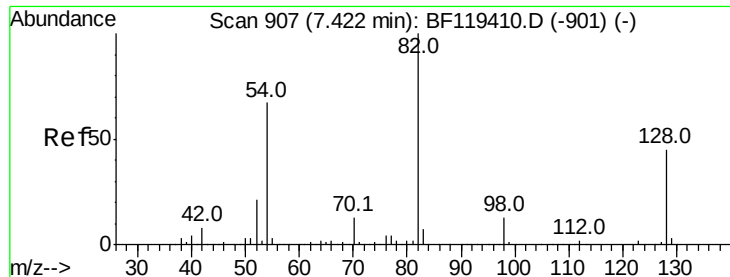
Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.876 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

Instrument :

BNA_F

ClientSampleId :

PB127713BL

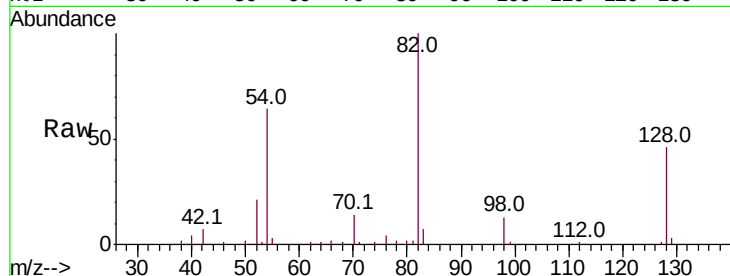
Tot Ion: 82 Resp: 1390855

Ion Ratio Lower Upper

82 100

128 46.3 35.8 53.8

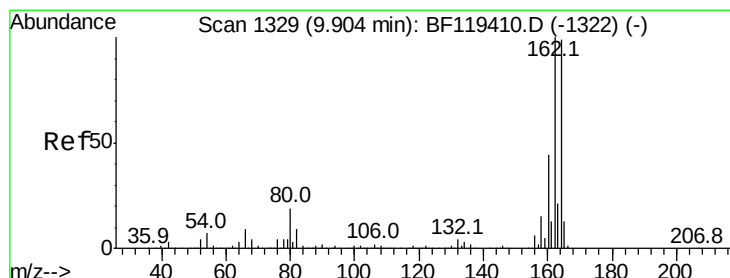
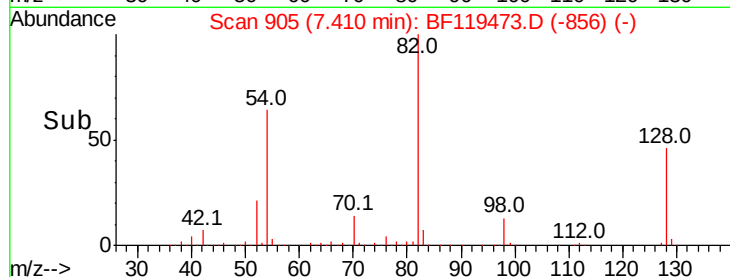
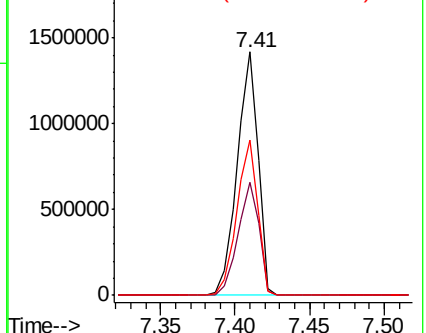
54 63.9 53.4 80.0



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

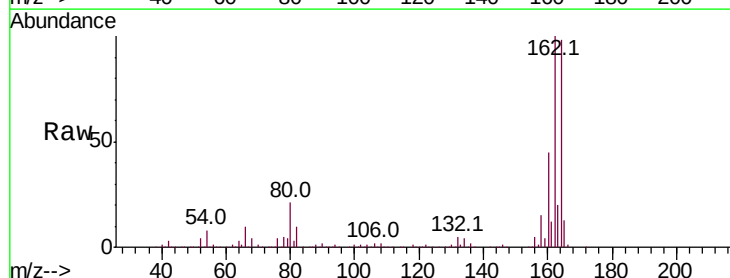
Tgt Ion: 164 Resp: 593066

Ion Ratio Lower Upper

164 100

162 102.0 80.7 121.1

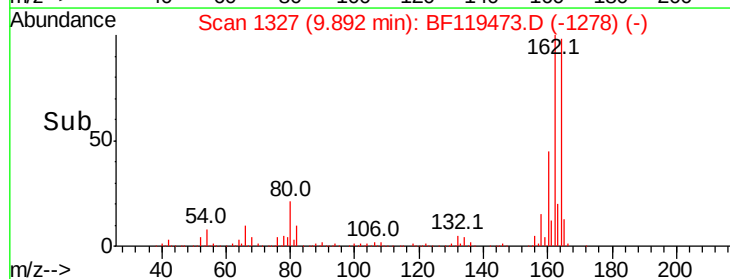
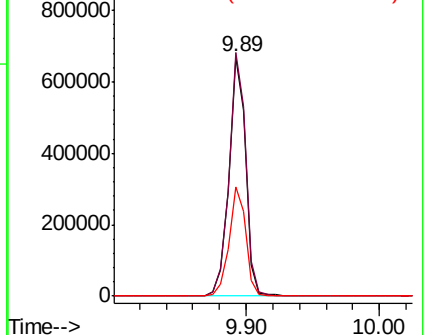
160 45.7 35.5 53.3

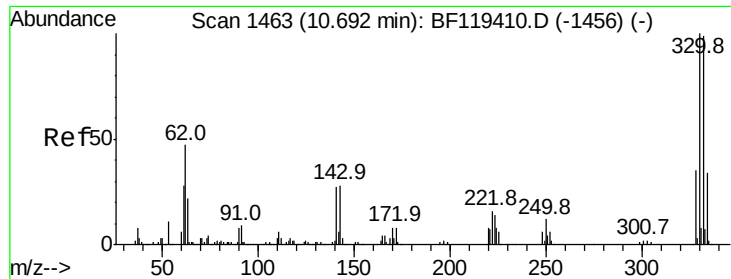


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

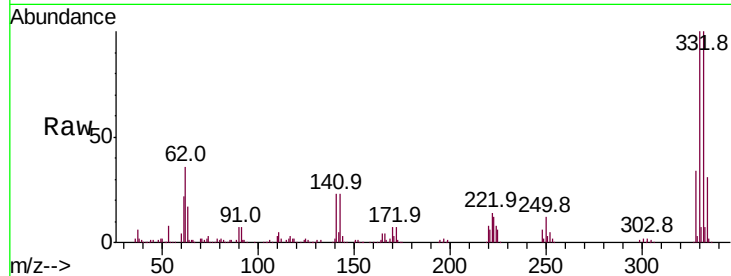




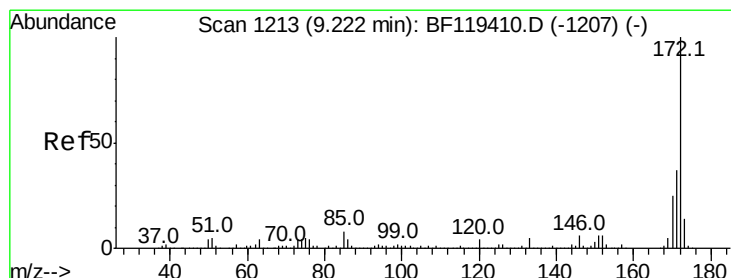
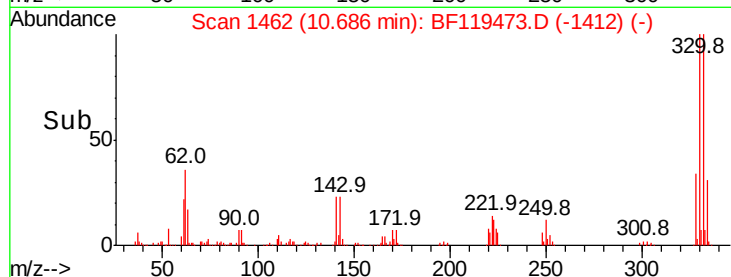
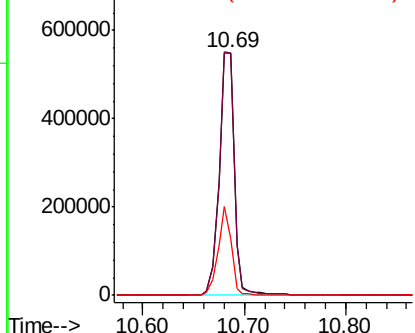
#42
 2,4,6-Tribromophenol
 Concen: 93.302 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119473.D
 Acq: 20 Mar 2020 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB127713BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.6	116.4
141	32.3	26.6	40.0

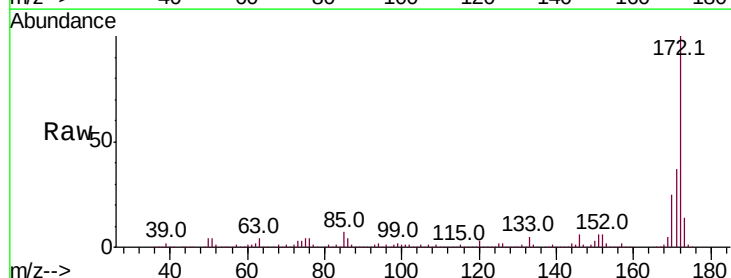


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

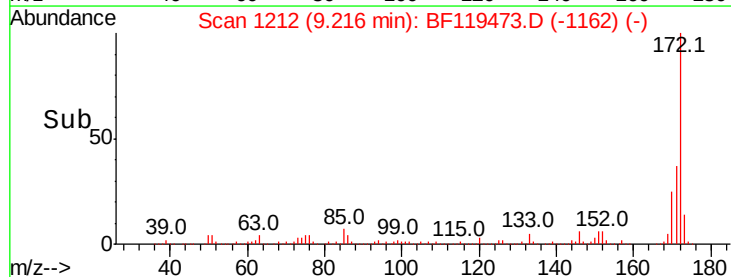
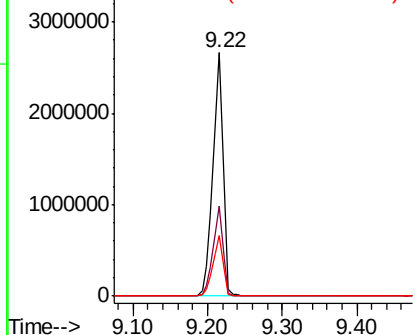


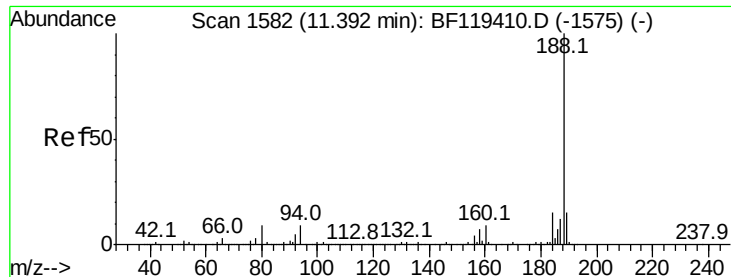
#45
 2-Fluorobiphenyl
 Concen: 63.437 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119473.D
 Acq: 20 Mar 2020 15:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	25.1	20.1	30.1



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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

Instrument :

BNA_F

ClientSampleId :

PB127713BL

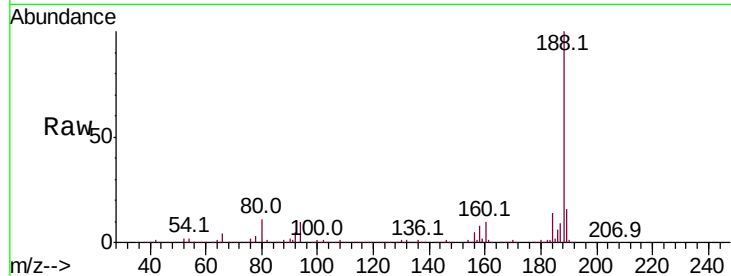
Tot Ion:188 Resp: 1107027

Ion Ratio Lower Upper

188 100

94 10.2 7.1 10.7

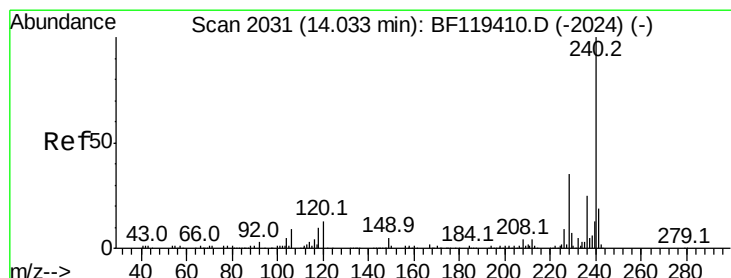
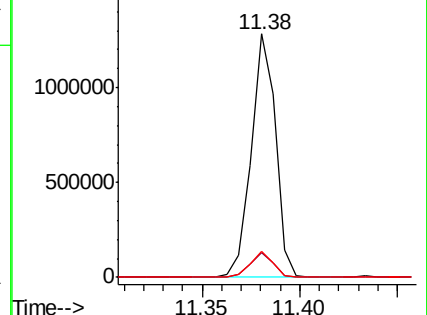
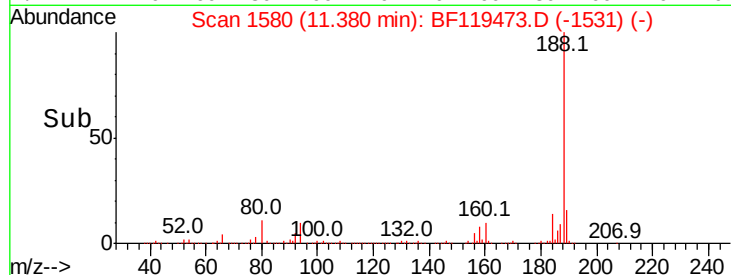
80 10.7 7.5 11.3



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

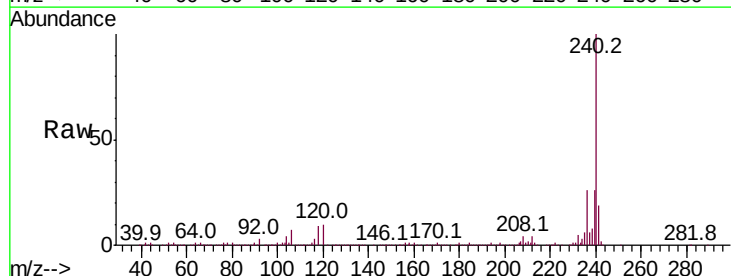
Tgt Ion:240 Resp: 639935

Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.4#

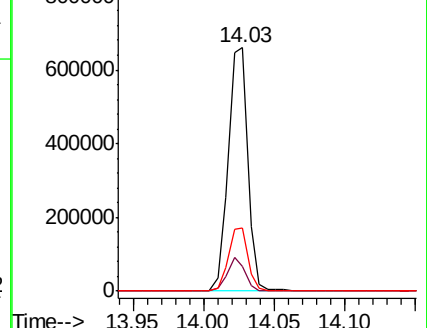
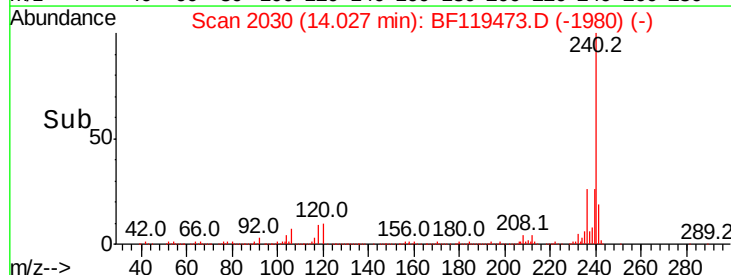
236 26.1 20.4 30.6

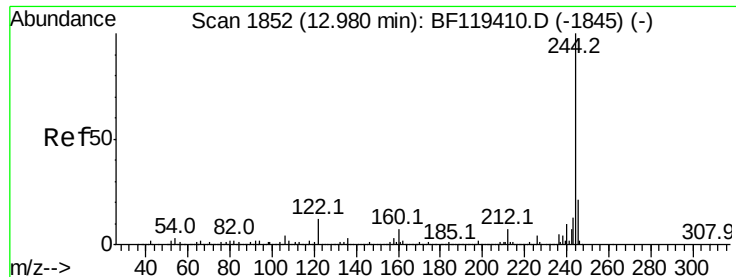


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.746 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

Instrument :

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PB127713BL

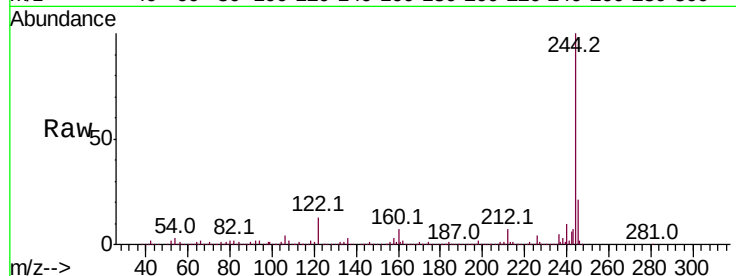
Tot Ion:244 Resp: 2768039

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

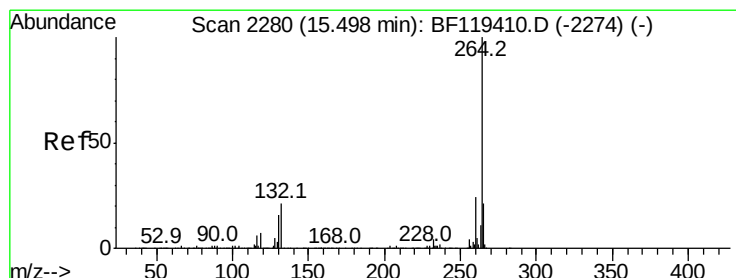
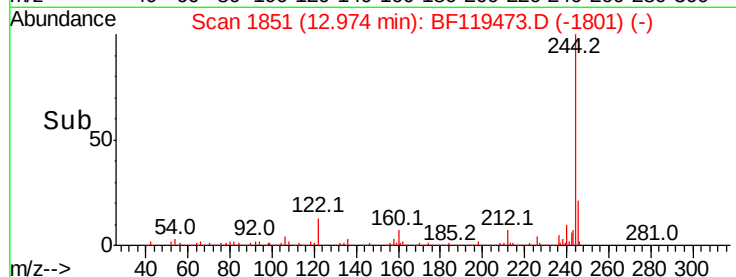
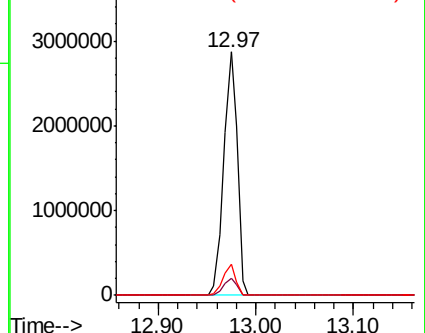
122 12.9 9.8 14.8



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: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

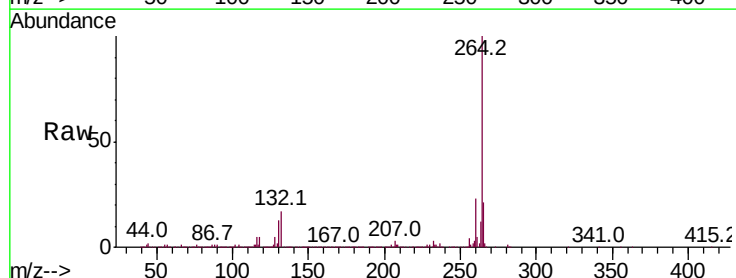
Tgt Ion:264 Resp: 651931

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.5 16.9 25.3



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

