

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119575.D
 Acq On : 27 Mar 2020 18:55
 Operator : CG/JU
 Sample : PB127867BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127867BL

Quant Time: Mar 28 02:15:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	263669	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1002813	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	556294	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	972087	20.00	ng	0.00
76) Chrysene-d12	14.00	240	688111	20.00	ng	-0.01
87) Perylene-d12	15.46	264	553117	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2398107	144.79	ng	0.01
7) Phenol-d6	6.46	99	2998906	141.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	1893320	102.61	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	851474	148.36	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3330640	88.70	ng	0.00
79) Terphenyl-d14	12.96	244	3712426	105.70	ng	0.00

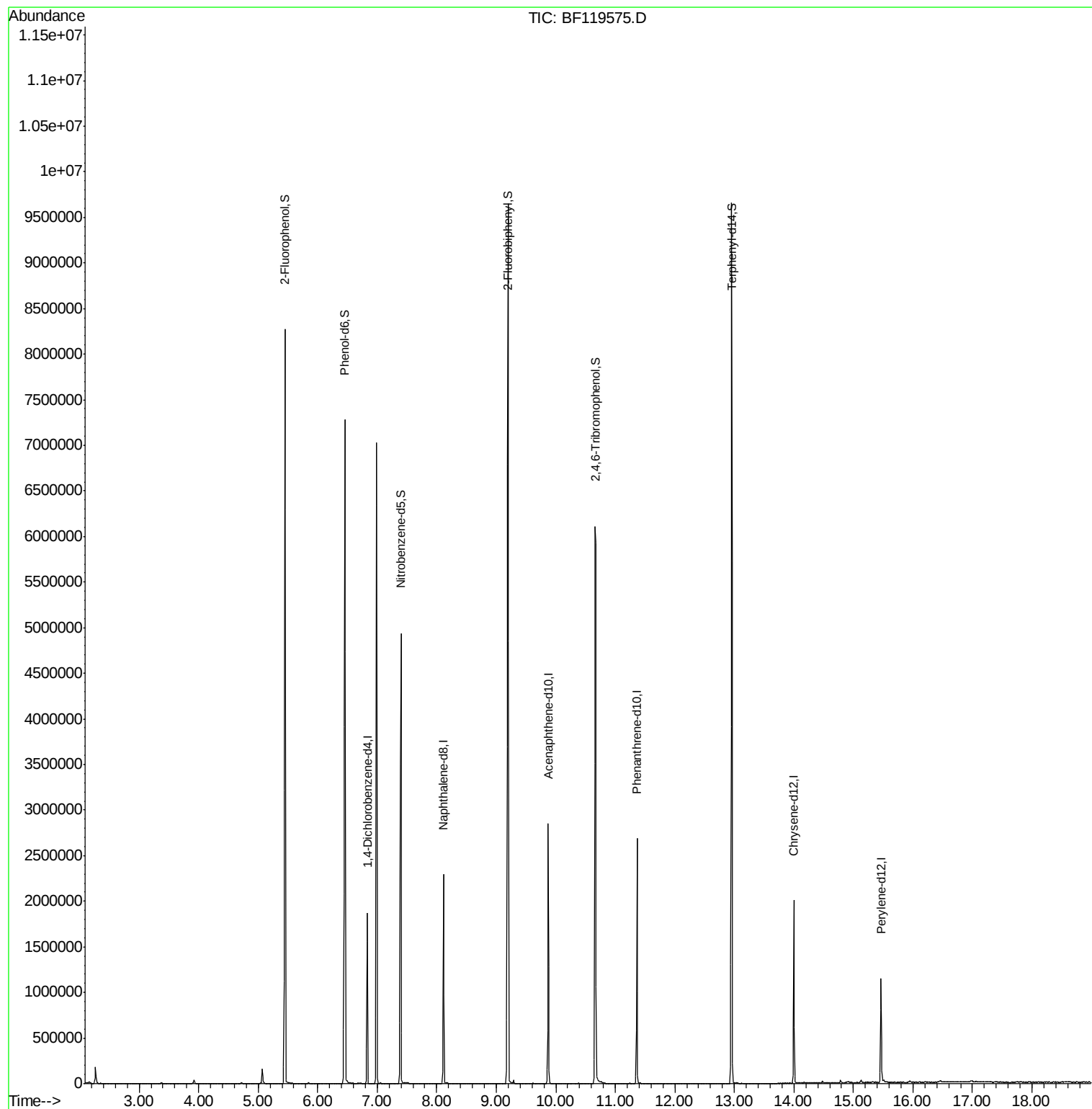
Target Compounds Qvalue

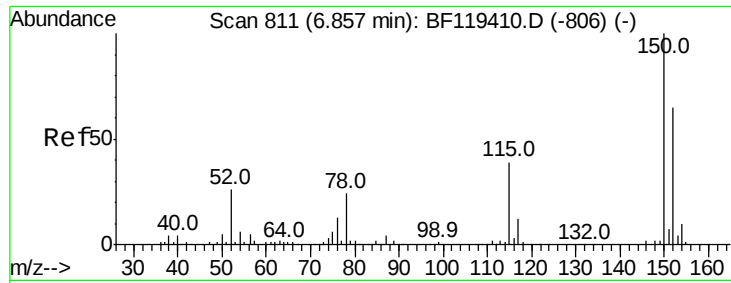
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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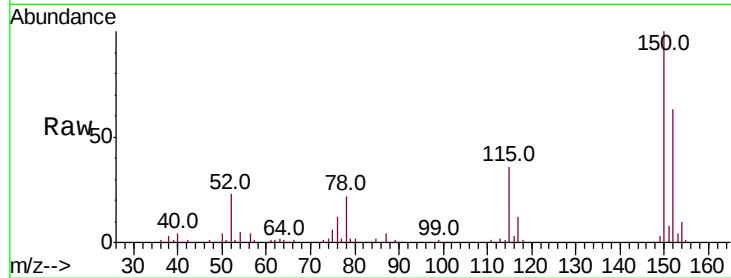


#1

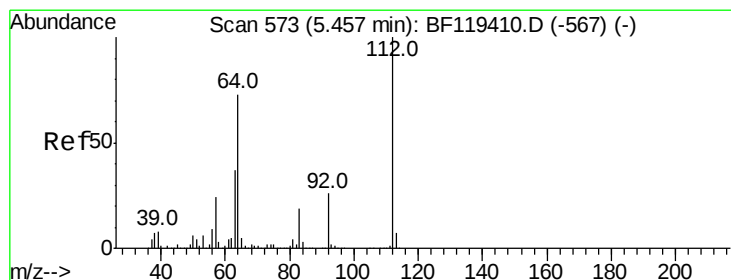
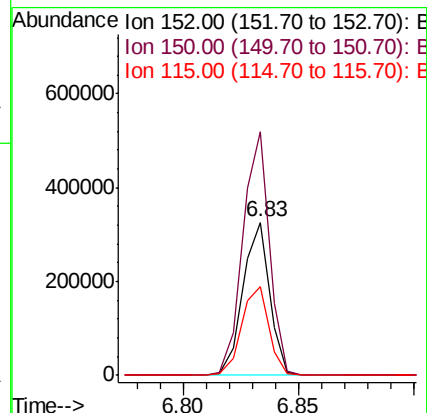
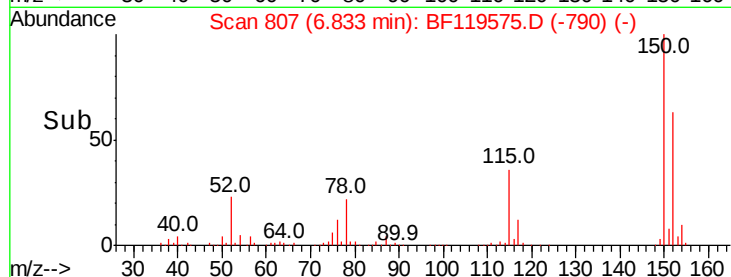
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119575.D
Acq: 27 Mar 2020 18:55

Instrument :
BNA_F
ClientSampleId :
PB127867BL

Tot Ion:152 Resp: 263669
Ion Ratio Lower Upper
152 100
150 158.9 124.5 186.7
115 57.8 49.6 74.4



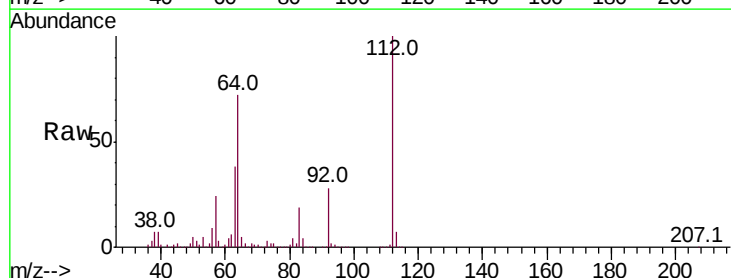
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



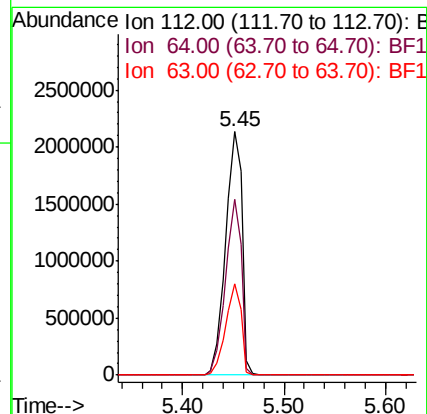
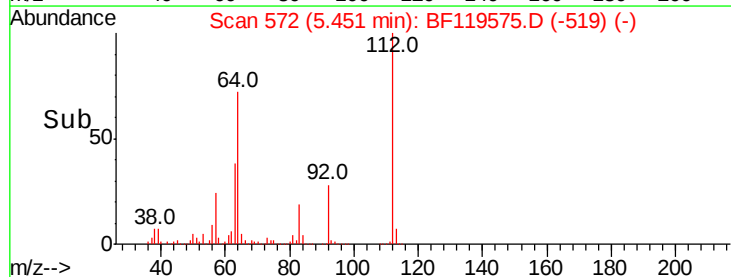
#5

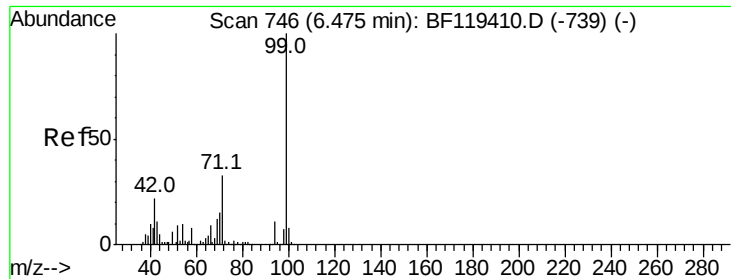
2-Fluorophenol
Concen: 144.786 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119575.D
Acq: 27 Mar 2020 18:55

Tgt Ion:112 Resp: 2398107
Ion Ratio Lower Upper
112 100
64 72.0 56.7 85.1
63 37.6 29.5 44.3



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: 141.737 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

Instrument :

BNA_F

ClientSampleId :

PB127867BL

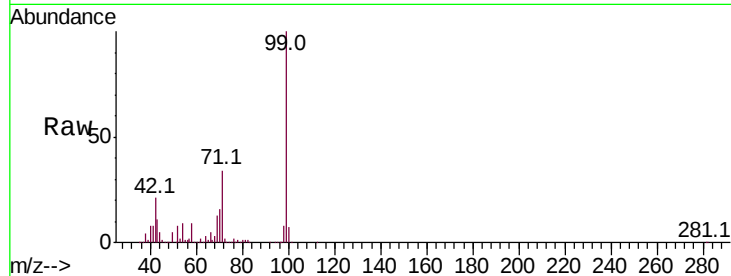
Tot Ion: 99 Resp: 2998906

Ion Ratio Lower Upper

99 100

42 20.9 16.6 24.8

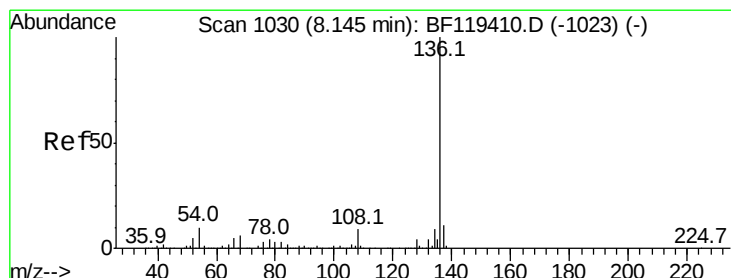
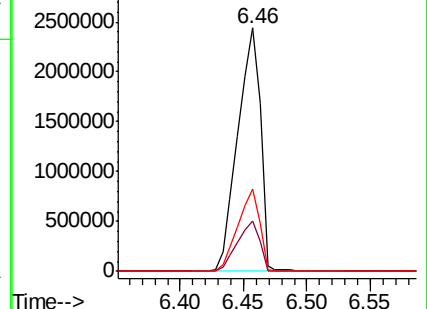
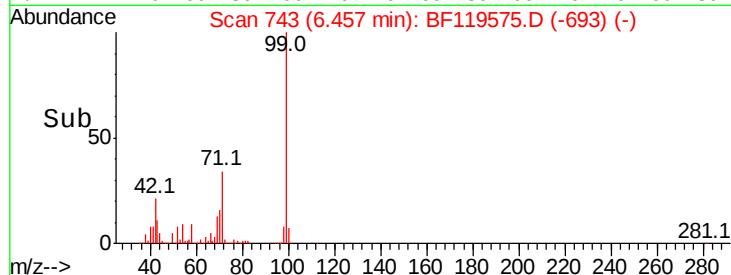
71 34.0 26.4 39.6



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

Tgt Ion: 136 Resp: 1002813

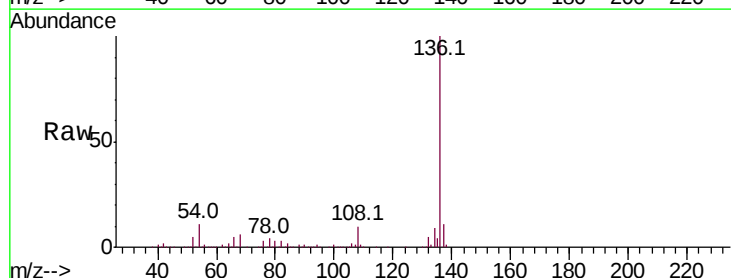
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.9 9.1 13.7

68 5.9 4.6 6.8

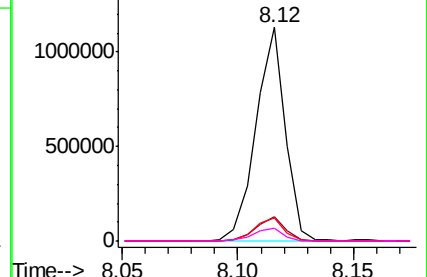
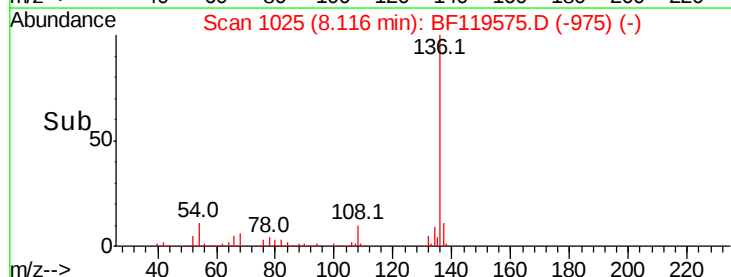


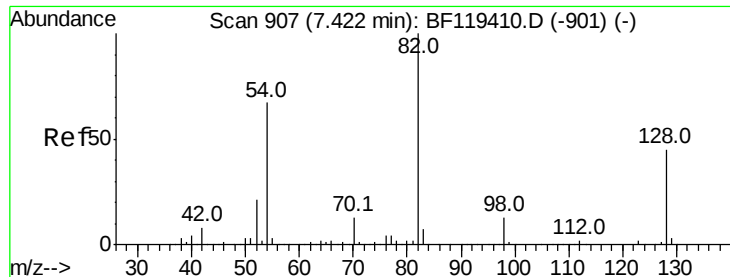
Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.609 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

Instrument :

BNA_F

ClientSampleId :

PB127867BL

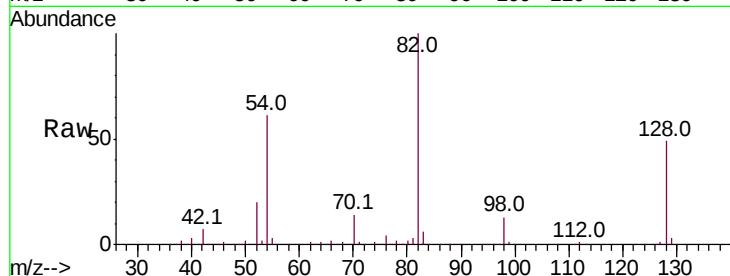
Tot Ion: 82 Resp: 1893320

Ion Ratio Lower Upper

82 100

128 48.7 36.3 54.5

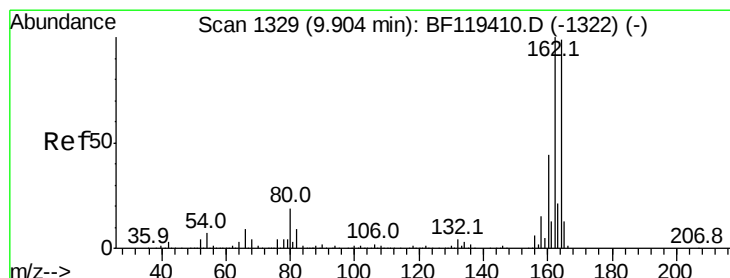
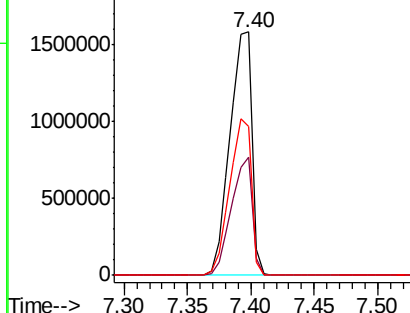
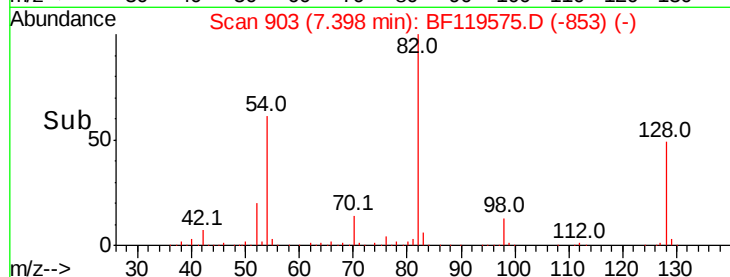
54 61.4 50.6 75.8



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

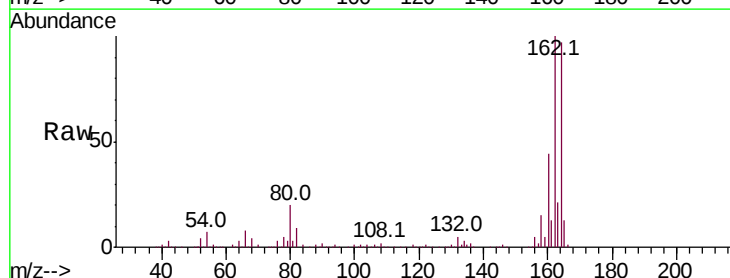
Tgt Ion:164 Resp: 556294

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

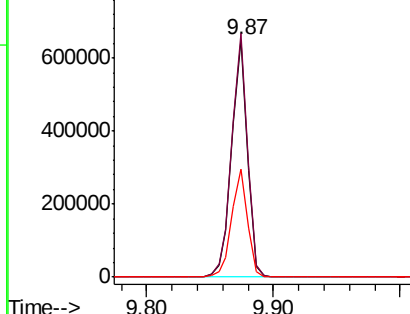
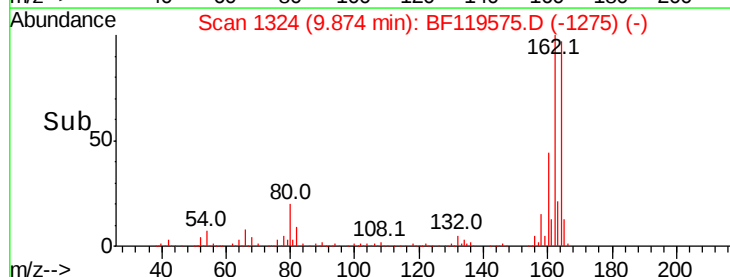
160 45.3 35.7 53.5

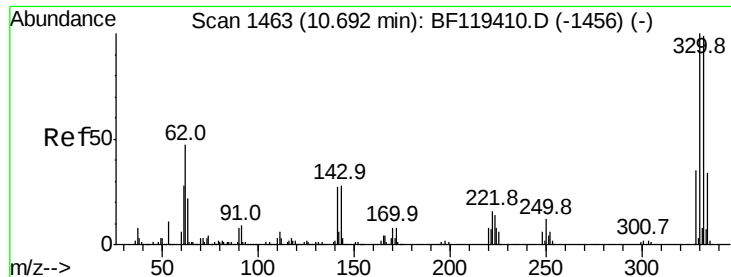


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

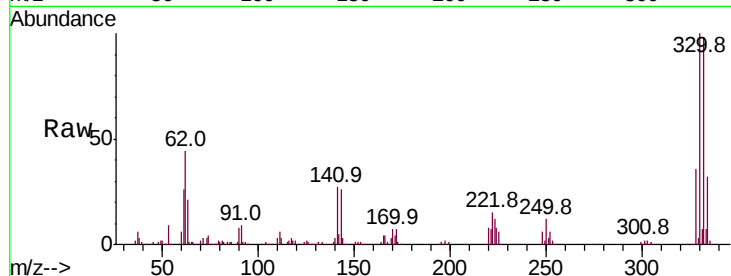




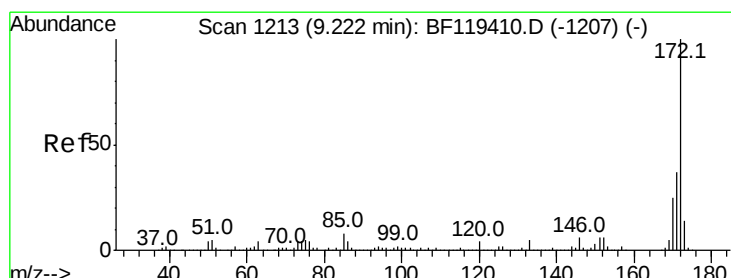
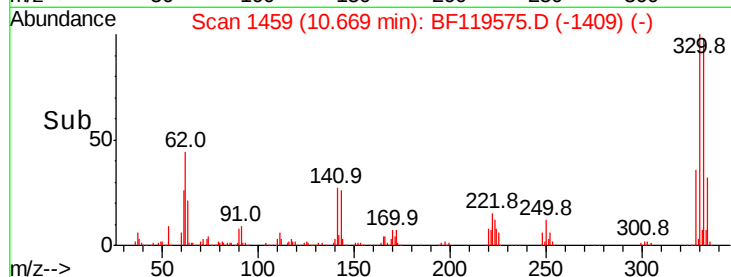
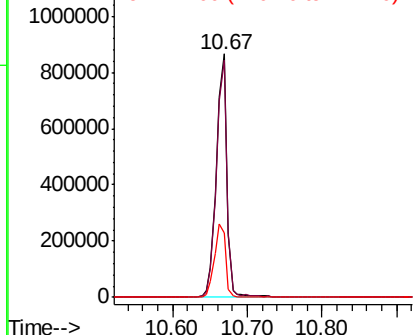
#42
 2,4,6-Tribromophenol
 Concen: 148.364 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119575.D
 Acq: 27 Mar 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 PB127867BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.7	113.5
141	31.7	25.4	38.0

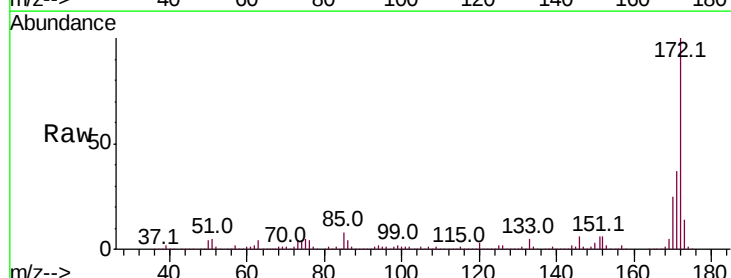


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

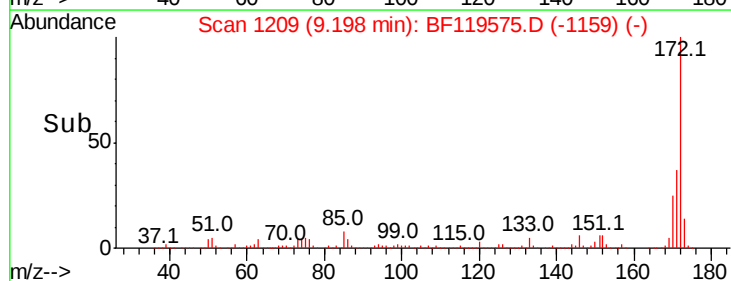
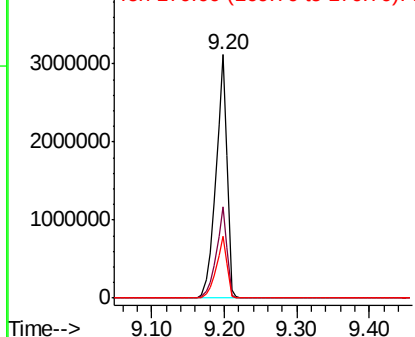


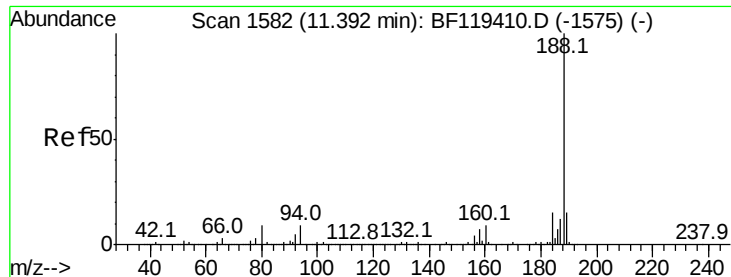
#45
 2-Fluorobiphenyl
 Concen: 88.699 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119575.D
 Acq: 27 Mar 2020 18:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	25.4	20.2	30.2



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

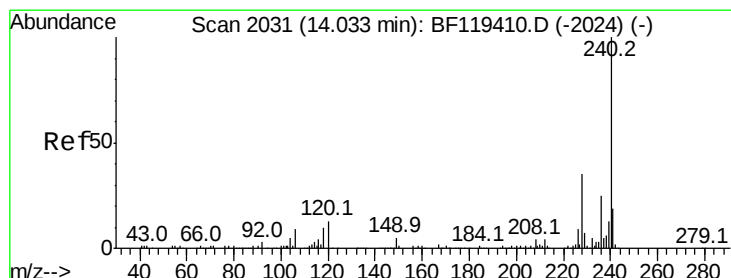
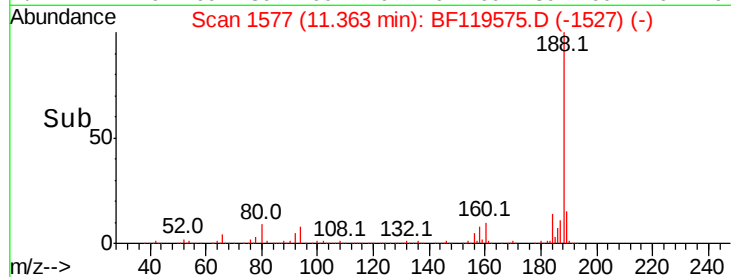
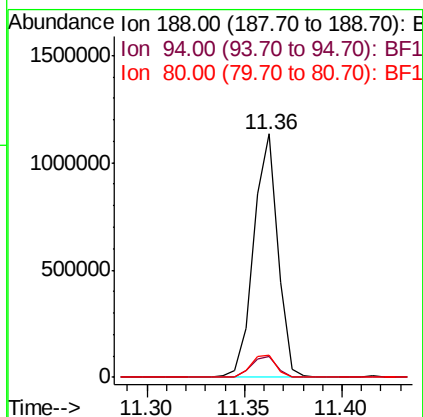
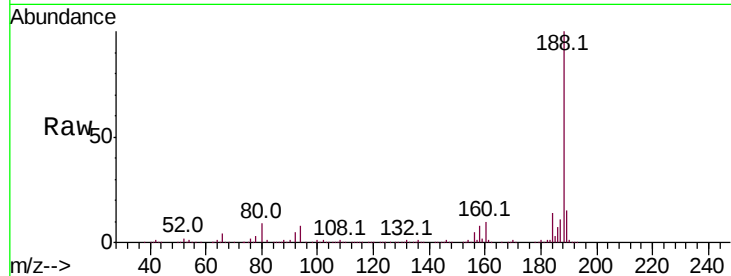




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119575.D
Acq: 27 Mar 2020 18:55

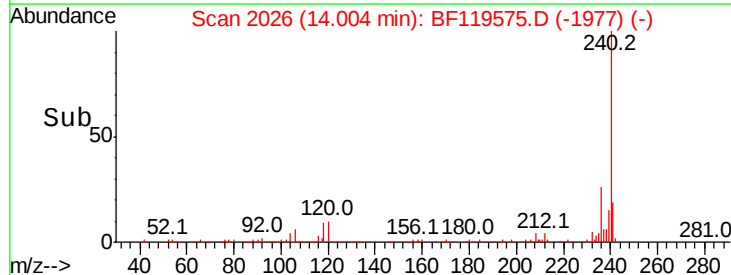
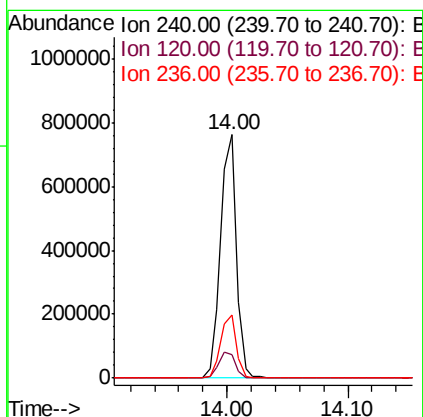
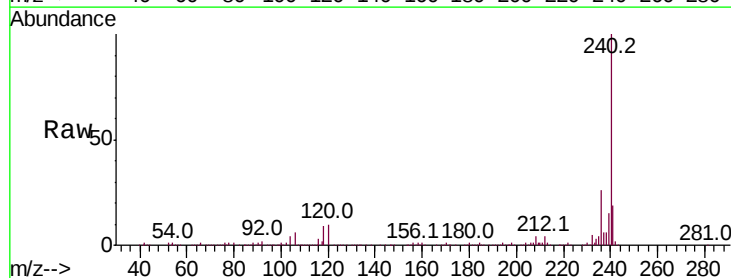
Instrument :
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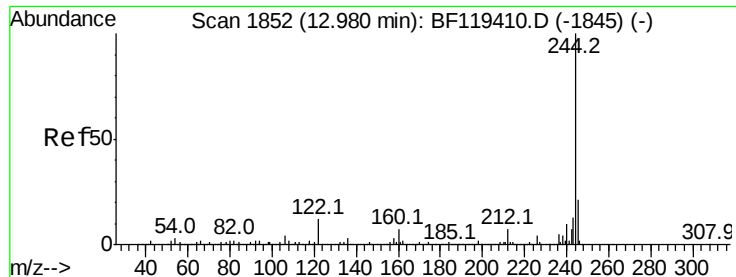
Tot Ion:188 Resp: 972087
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 9.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119575.D
Acq: 27 Mar 2020 18:55

Tgt Ion:240 Resp: 688111
Ion Ratio Lower Upper
240 100
120 9.9 10.6 15.8#
236 26.0 20.2 30.2





#79

Terphenyl-d14

Concen: 105.701 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

Instrument :

BNA_F

ClientSampleId :

PB127867BL

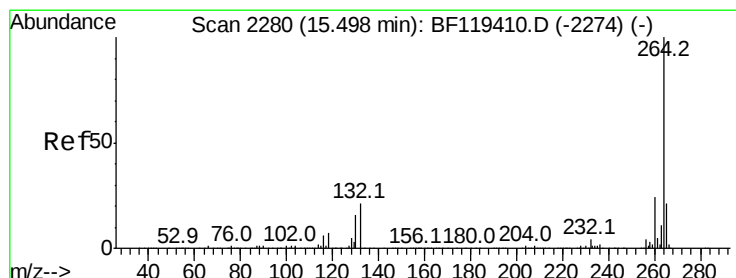
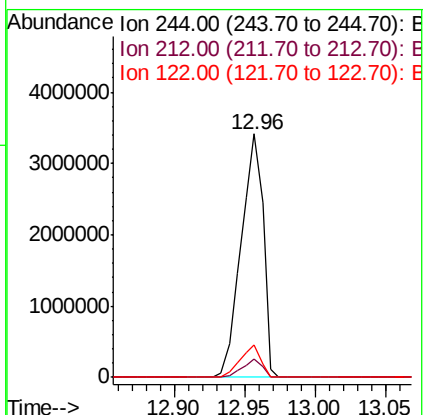
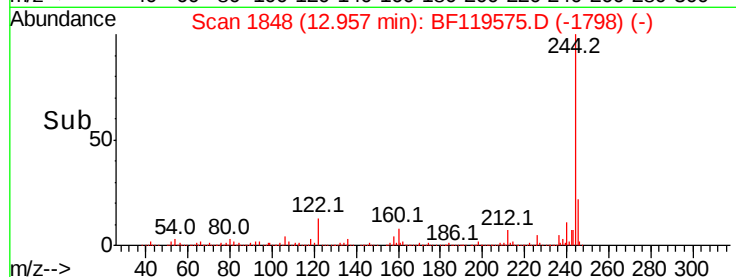
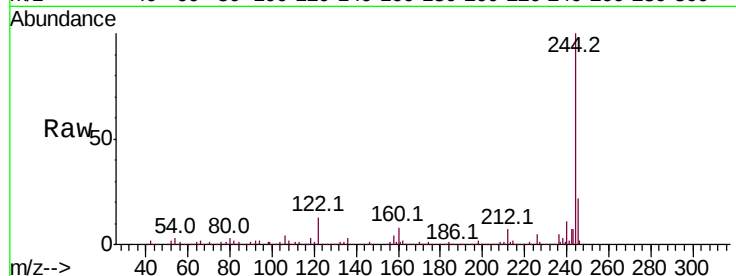
Tot Ion:244 Resp: 3712426

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 13.5 10.3 15.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

Tgt Ion:264 Resp: 553117

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.5 17.7 26.5

