

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119576.D
 Acq On : 27 Mar 2020 19:23
 Operator : CG/JU
 Sample : PB127856BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127856BL

Quant Time: Mar 28 02:22:49 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	335438	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1268360	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	698530	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1317209	20.00	ng	0.00
76) Chrysene-d12	14.00	240	878660	20.00	ng	-0.01
87) Perylene-d12	15.46	264	665713	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2694668	127.88	ng	0.02
7) Phenol-d6	6.46	99	3291959	122.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	1989722	85.26	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	923699	128.18	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3804716	80.69	ng	0.00
79) Terphenyl-d14	12.96	244	4475060	99.78	ng	0.00

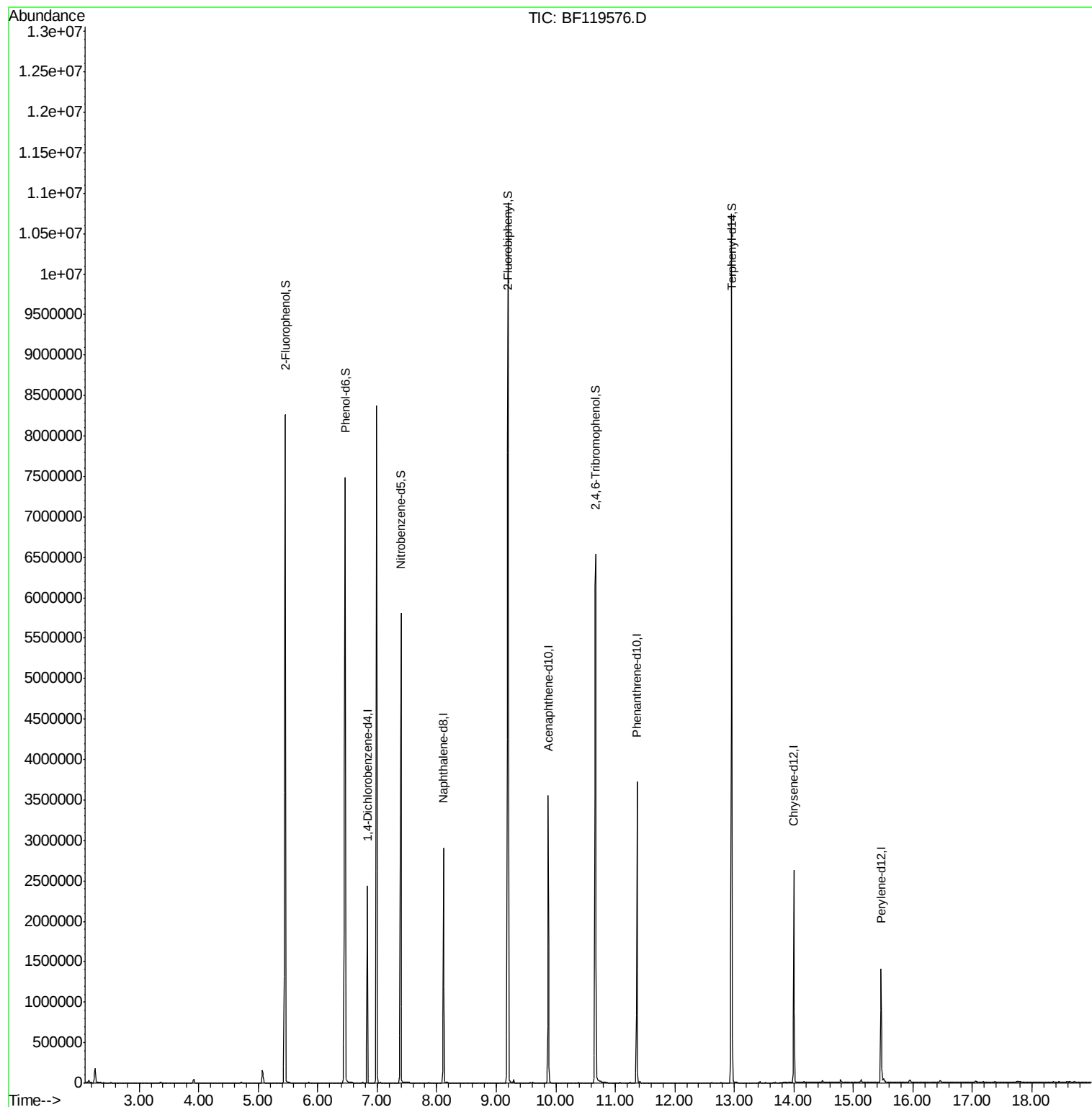
Target Compounds Qvalue

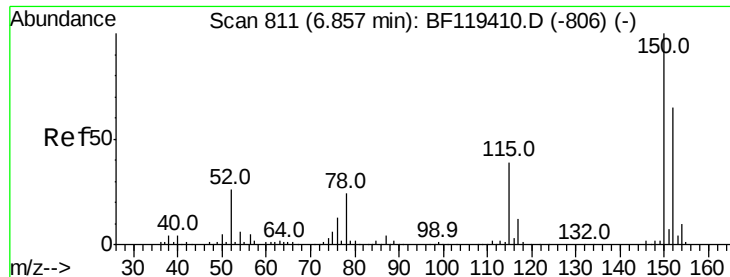
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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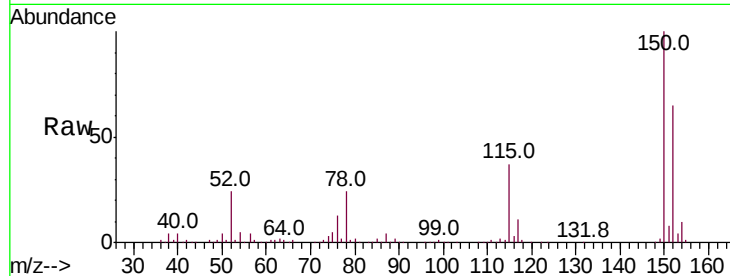


#1

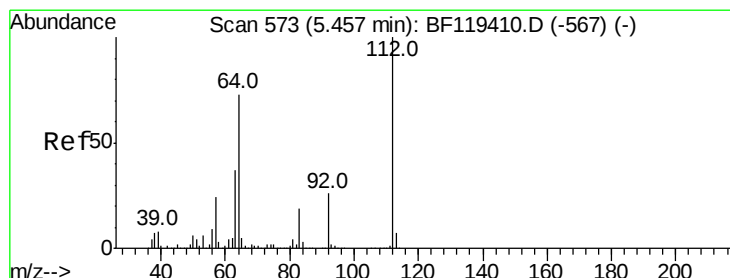
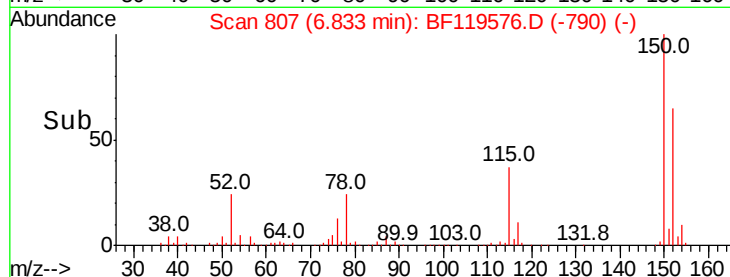
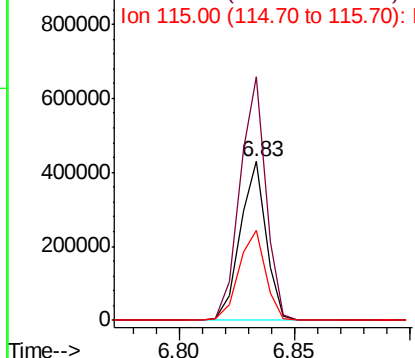
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119576.D
Acq: 27 Mar 2020 19:23

Instrument :
BNA_F
ClientSampleId :
PB127856BL

Tot Ion:152 Resp: 335438
Ion Ratio Lower Upper
152 100
150 153.4 124.5 186.7
115 56.9 49.6 74.4



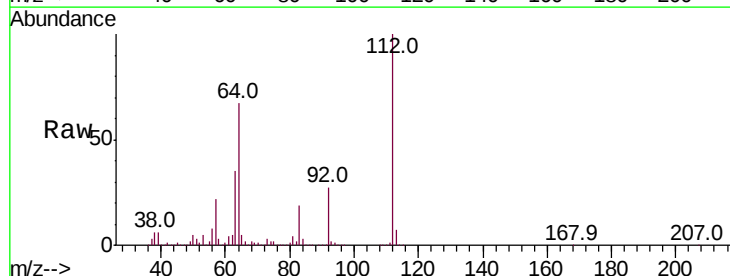
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



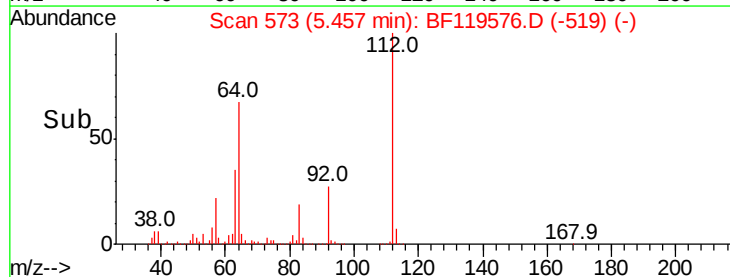
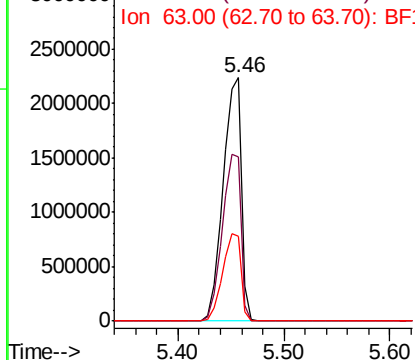
#5

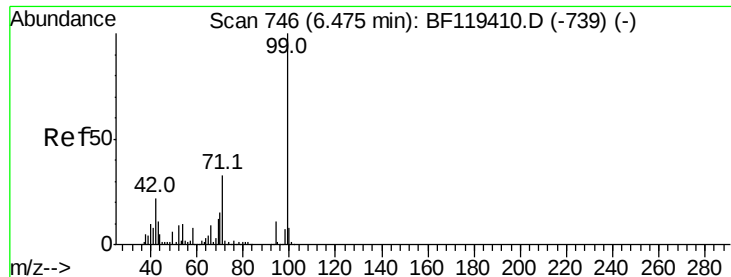
2-Fluorophenol
Concen: 127.882 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF119576.D
Acq: 27 Mar 2020 19:23

Tgt Ion:112 Resp: 2694668
Ion Ratio Lower Upper
112 100
64 67.2 56.7 85.1
63 35.0 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: 122.299 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119576.D

Acq: 27 Mar 2020 19:23

Instrument :

BNA_F

ClientSampleId :

PB127856BL

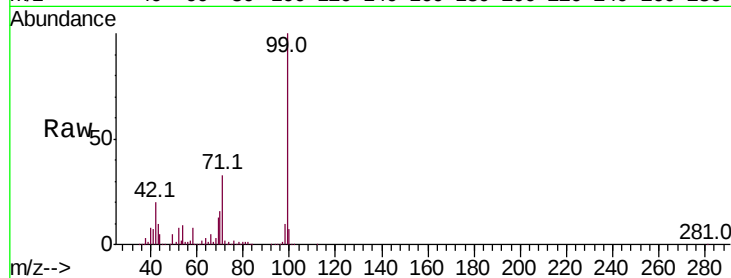
Tot Ion: 99 Resp: 3291959

Ion Ratio Lower Upper

99 100

42 19.6 16.6 24.8

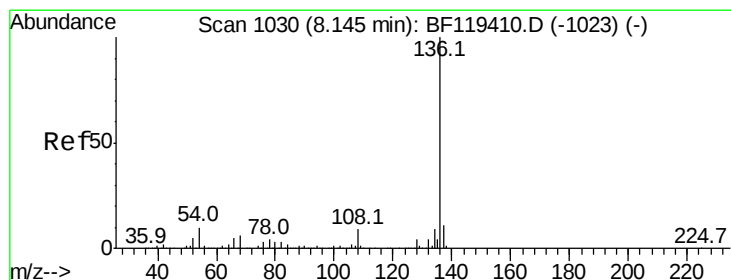
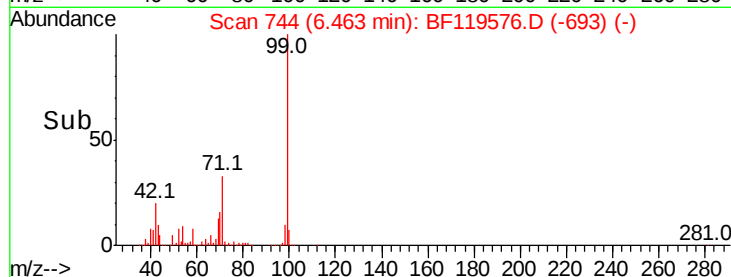
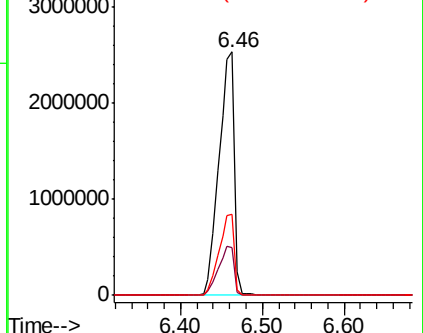
71 33.1 26.4 39.6



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: BF119576.D

Acq: 27 Mar 2020 19:23

Tgt Ion:136 Resp: 1268360

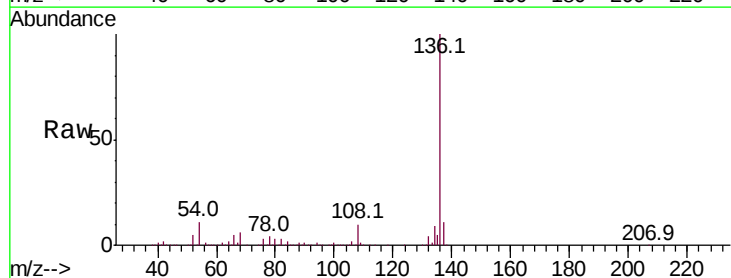
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.8 9.1 13.7

68 5.8 4.6 6.8

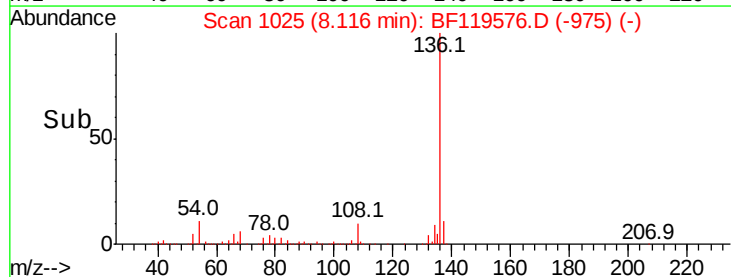
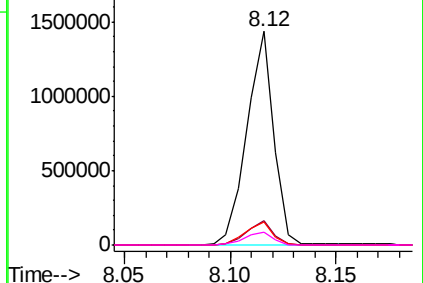


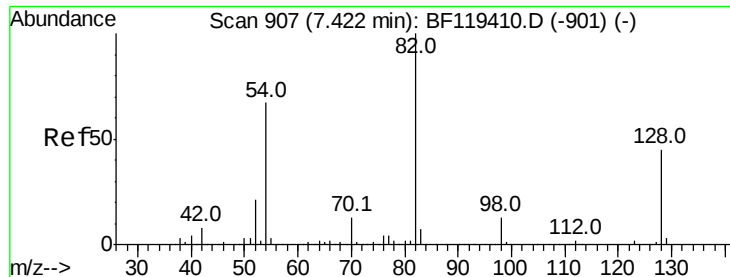
Abundance Ion 136.00 (135.70 to 136.70): E

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

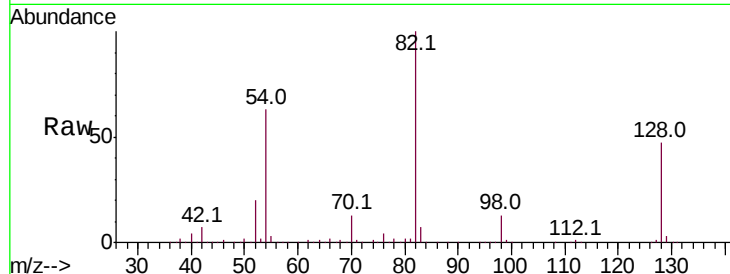




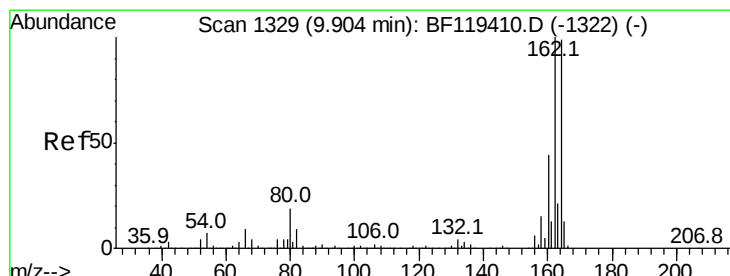
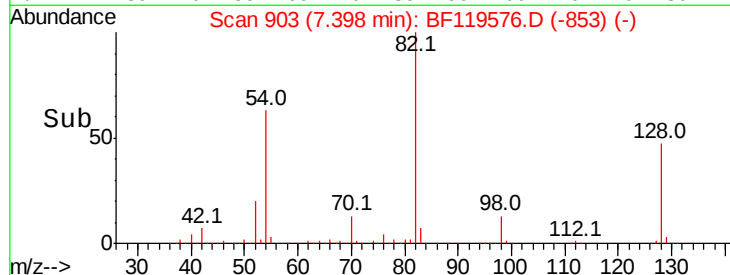
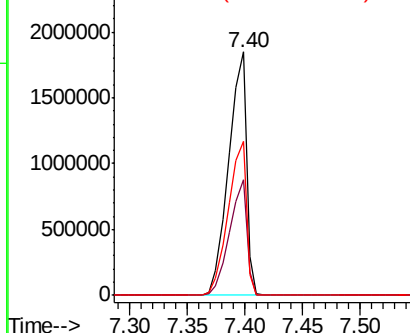
#23
Nitrobenzene-d5
Concen: 85.257 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119576.D
Acq: 27 Mar 2020 19:23

Instrument :
BNA_F
ClientSampleID :
PB127856BL

Tot Ion: 82 Resp: 1989722
Ion Ratio Lower Upper
82 100
128 47.3 36.3 54.5
54 63.4 50.6 75.8

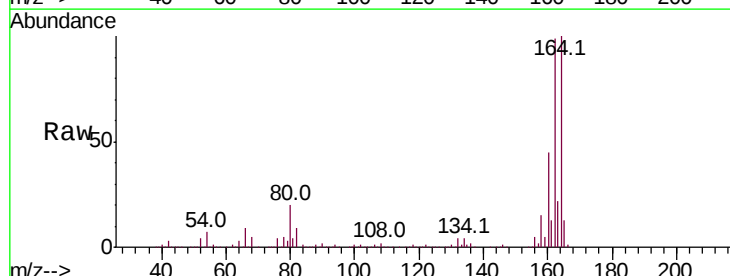


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

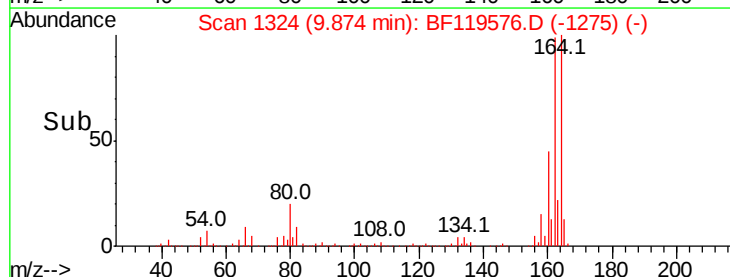
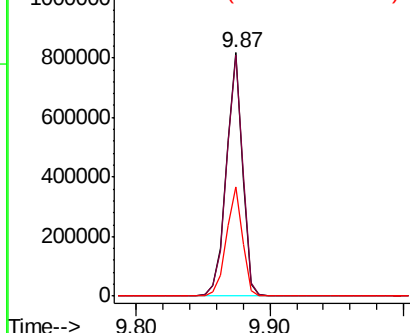


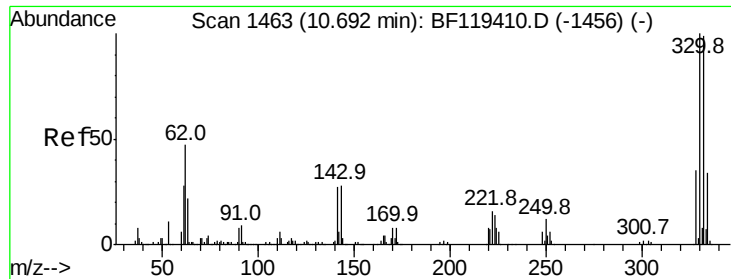
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119576.D
Acq: 27 Mar 2020 19:23

Tgt Ion:164 Resp: 698530
Ion Ratio Lower Upper
164 100
162 99.0 80.6 121.0
160 44.8 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: 128.176 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119576.D

Acq: 27 Mar 2020 19:23

Instrument :

BNA_F

ClientSampleId :

PB127856BL

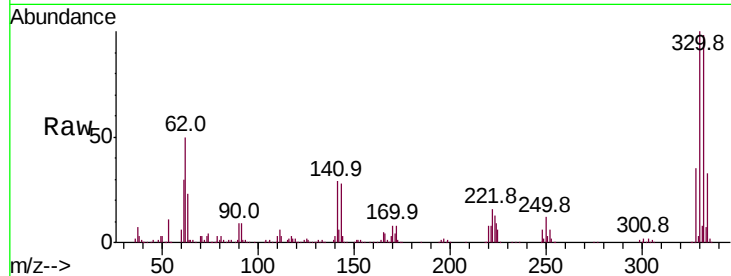
Tot Ion:330 Resp: 923699

Ion Ratio Lower Upper

330 100

332 96.7 75.7 113.5

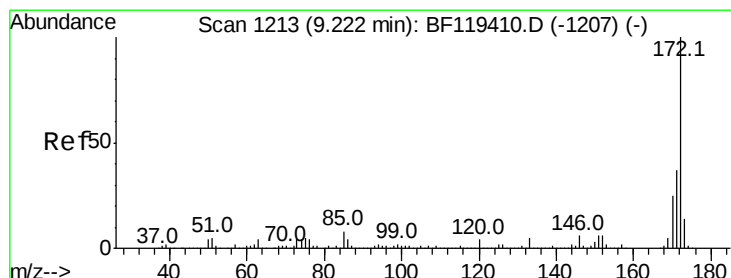
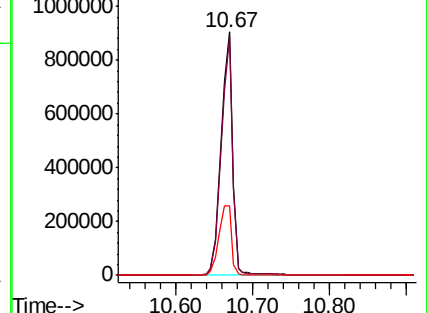
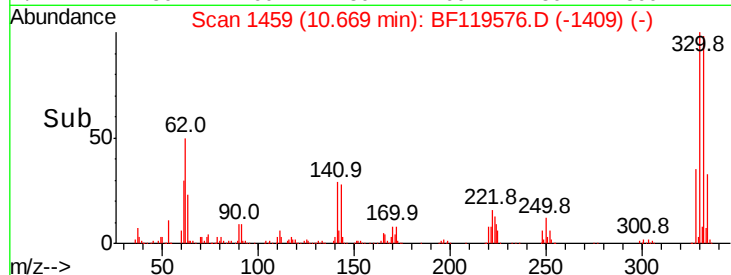
141 31.6 25.4 38.0



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: 80.692 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119576.D

Acq: 27 Mar 2020 19:23

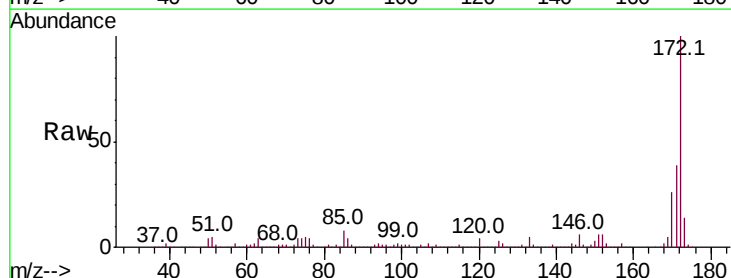
Tgt Ion:172 Resp: 3804716

Ion Ratio Lower Upper

172 100

171 38.7 29.6 44.4

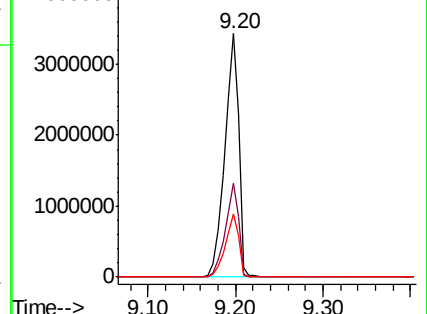
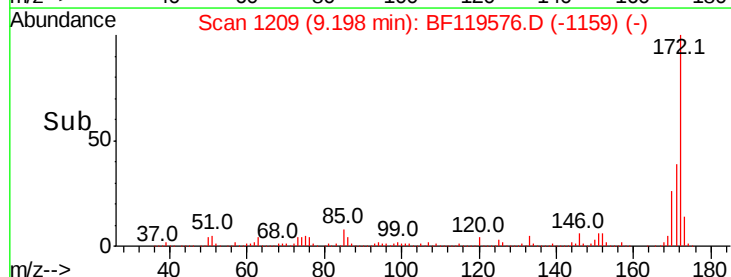
170 26.0 20.2 30.2

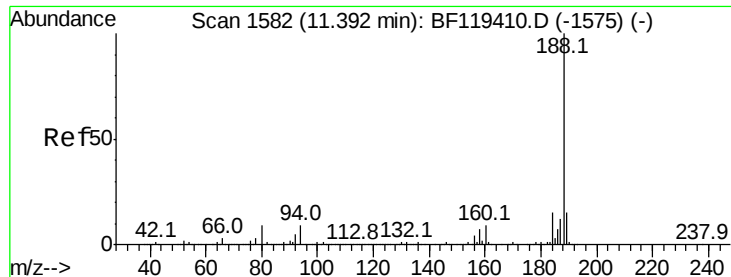


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF119576.D

Acq: 27 Mar 2020 19:23

Instrument :

BNA_F

ClientSampleId :

PB127856BL

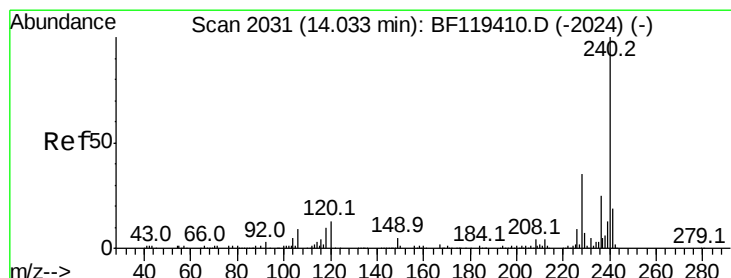
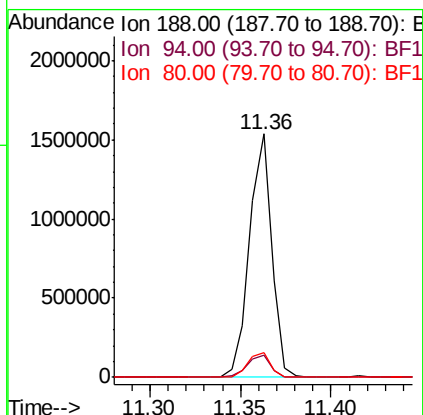
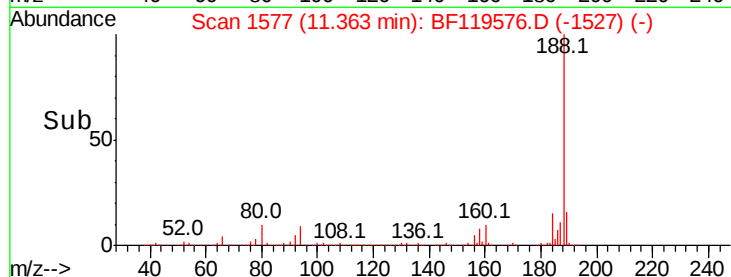
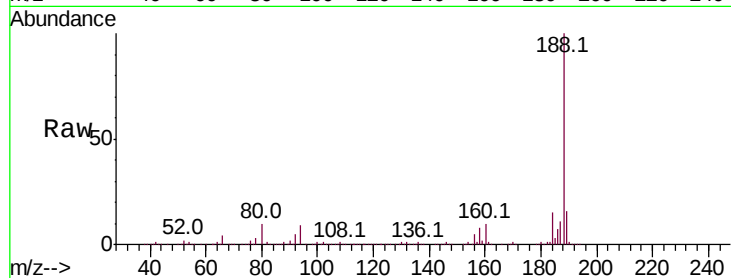
Tot Ion:188 Resp: 1317209

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 10.1 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: BF119576.D

Acq: 27 Mar 2020 19:23

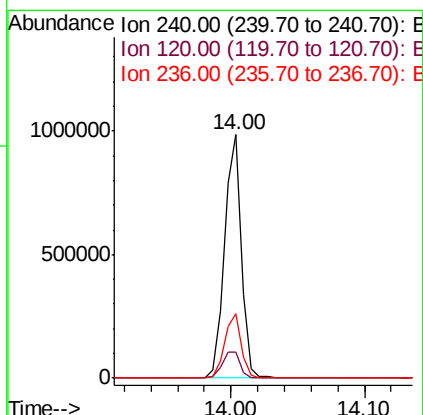
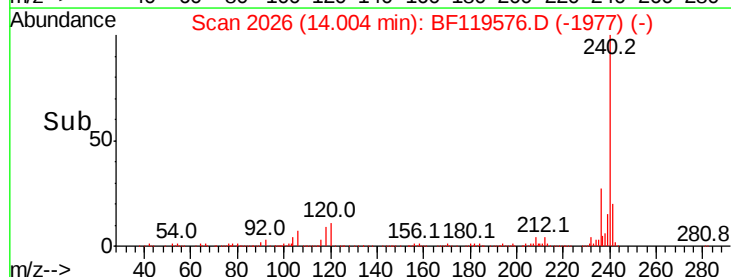
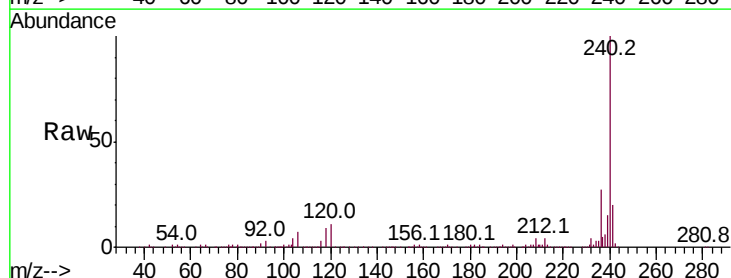
Tgt Ion:240 Resp: 878660

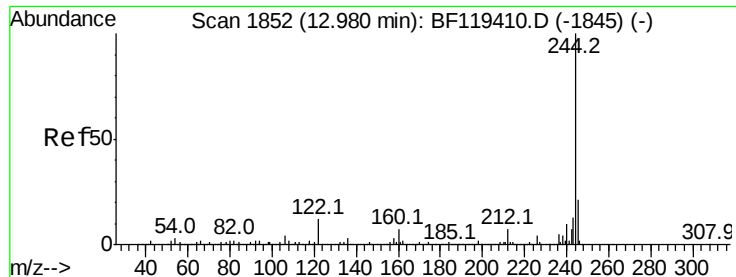
Ion Ratio Lower Upper

240 100

120 10.8 10.6 15.8

236 26.5 20.2 30.2





#79

Terphenyl-d14

Concen: 99.784 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119576.D

Acq: 27 Mar 2020 19:23

Instrument :

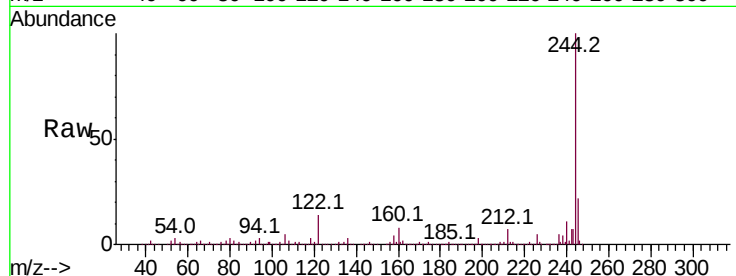
BNA_F

ClientSampleId :

PB127856BL

Tot Ion:244 Resp: 4475060

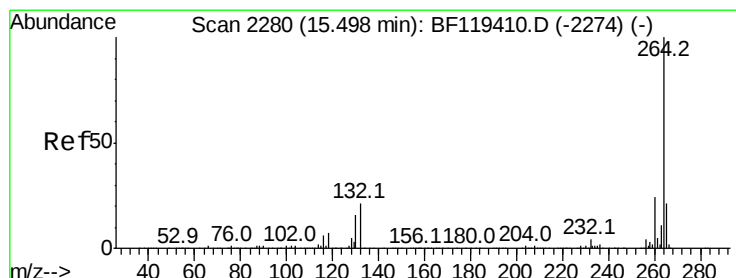
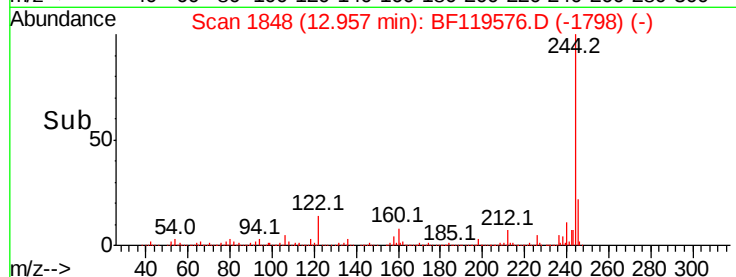
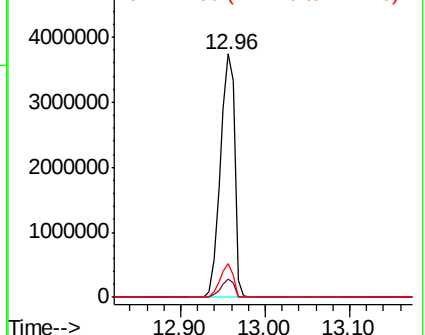
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	14.0	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E

5000000 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: 15.46 min Scan# 2274

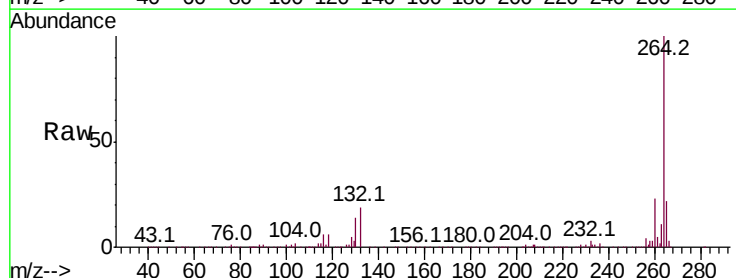
Delta R.T. -0.02 min

Lab File: BF119576.D

Acq: 27 Mar 2020 19:23

Tgt Ion:264 Resp: 665713

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	17.7	26.5



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

