

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119763.D
 Acq On : 6 Apr 2020 11:25
 Operator : MA/SJ
 Sample : PB128003BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BL

Quant Time: Apr 06 12:08:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	158999	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	613814	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	302001	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	647815	20.00	ng	0.00
76) Chrysene-d12	13.95	240	484777	20.00	ng	0.00
87) Perylene-d12	15.40	264	505457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1539111	154.10	ng	0.02
7) Phenol-d6	6.42	99	1927550	151.07	ng	0.00
23) Nitrobenzene-d5	7.35	82	1171739	103.75	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	595414	191.10	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2169449	106.42	ng	0.00
79) Terphenyl-d14	12.91	244	2549468	103.04	ng	0.00

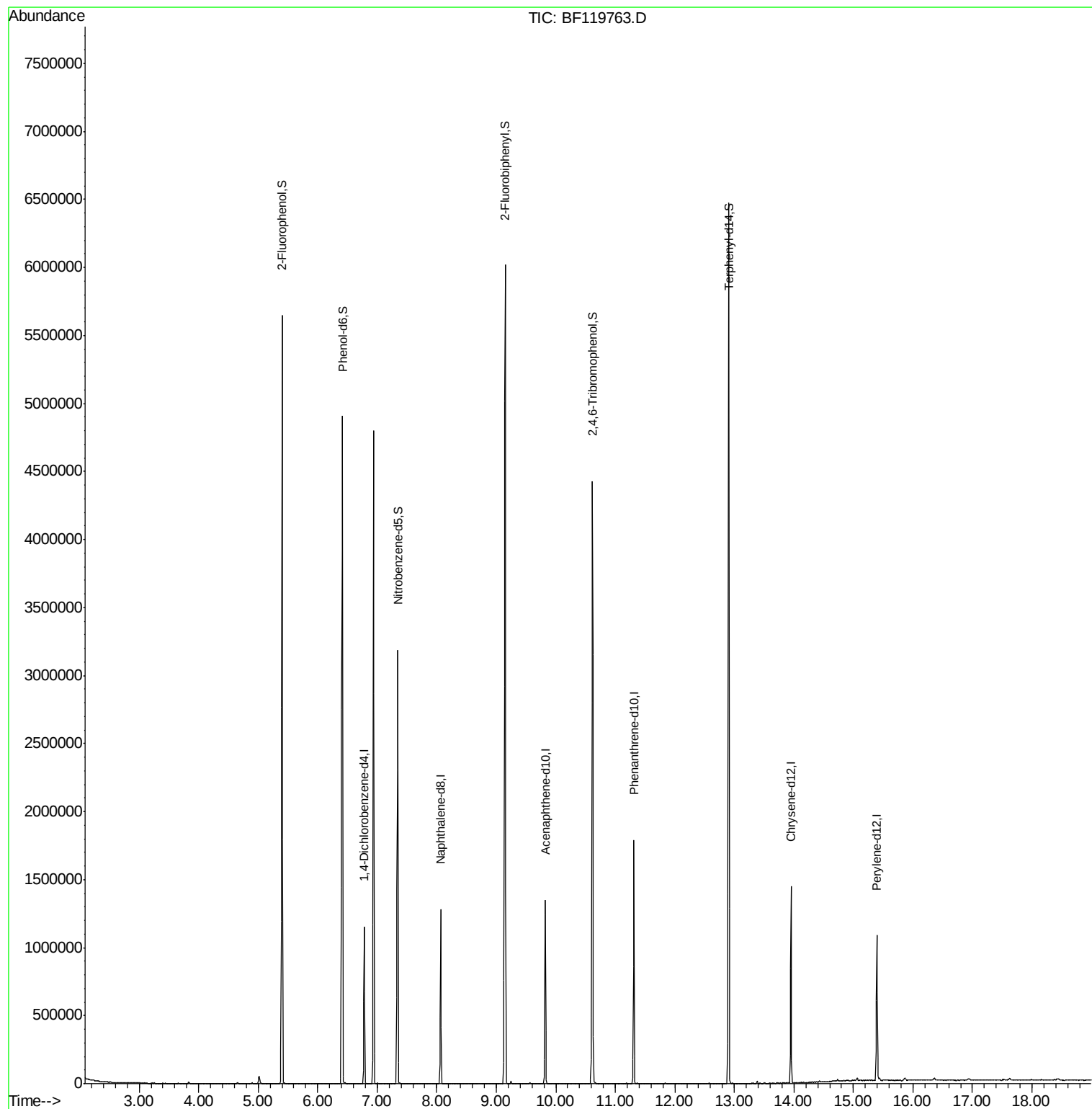
Target Compounds Qvalue

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

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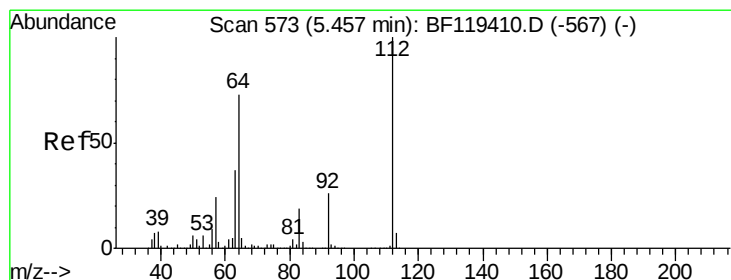
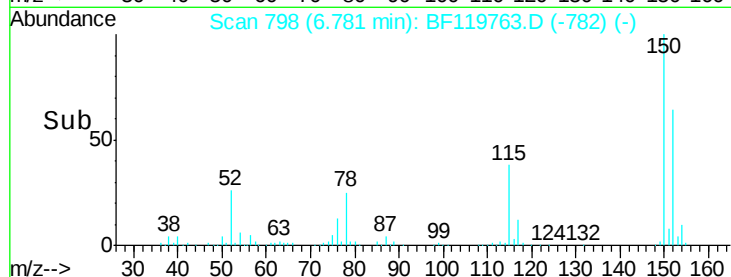
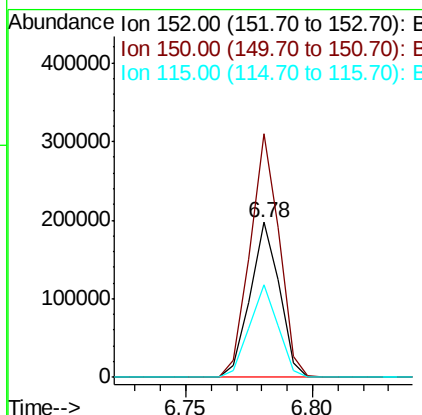
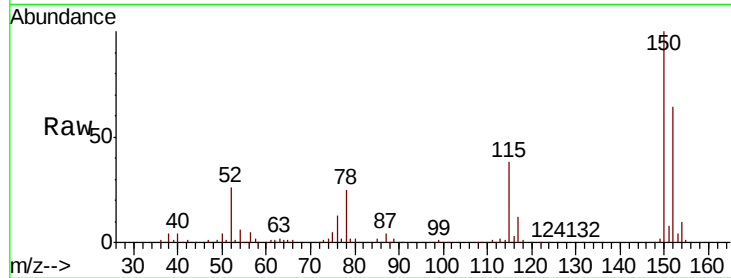




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119763.D
 Acq: 6 Apr 2020 11:25

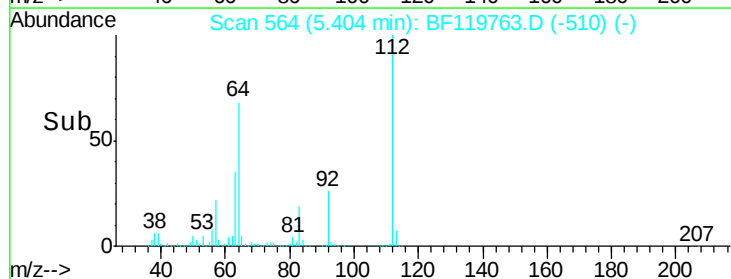
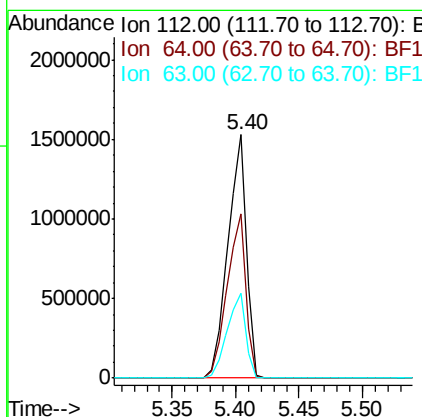
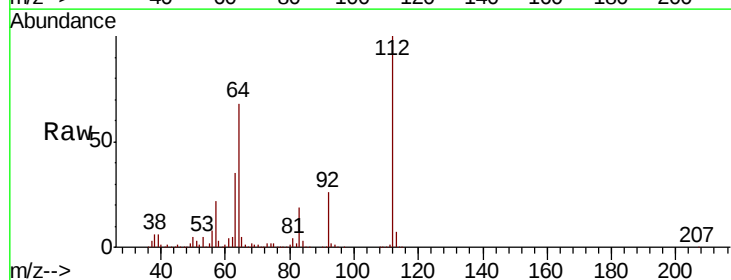
Instrument :
 BNA_F
 ClientSampleId :
 PB128003BL

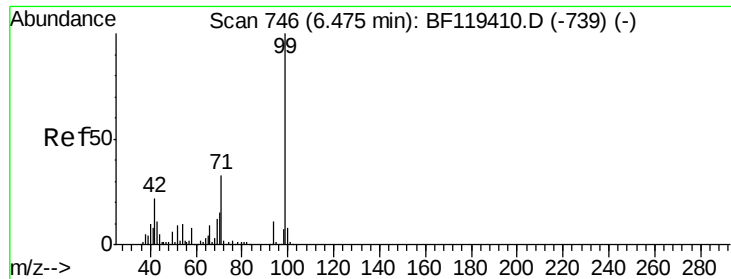
Tot Ion:152 Resp: 158999
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.5 186.7
 115 59.9 49.6 74.4



#5
 2-Fluorophenol
 Concen: 154.096 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.02 min
 Lab File: BF119763.D
 Acq: 6 Apr 2020 11:25

Tgt Ion:112 Resp: 1539111
 Ion Ratio Lower Upper
 112 100
 64 67.6 56.7 85.1
 63 35.1 29.5 44.3





#7

Phenol-d6

Concen: 151.075 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

Instrument :

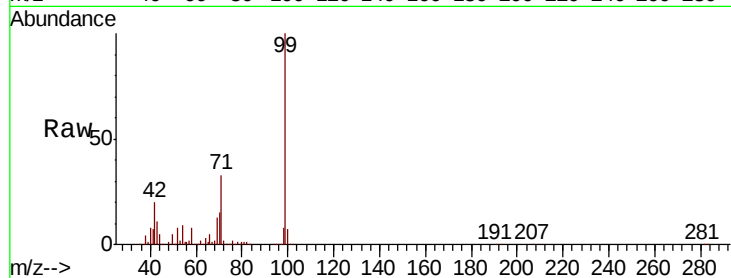
BNA_F

ClientSampleId :

PB128003BL

Tot Ion: 99 Resp: 1927550

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.6	24.8
71	33.4	26.4	39.6

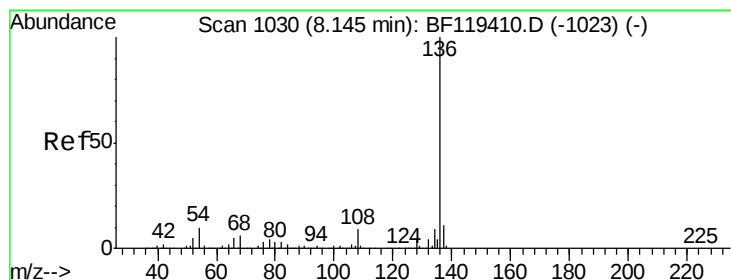
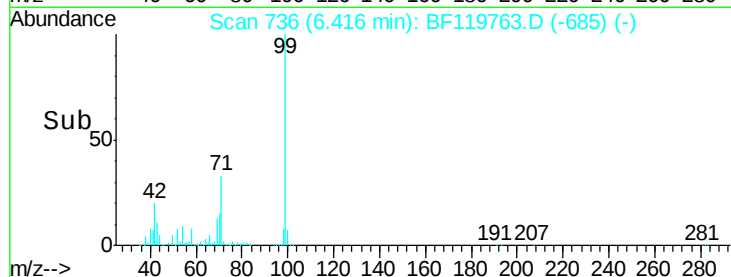
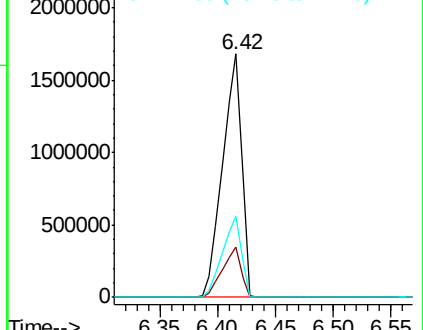


Abundance

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: 8.07 min Scan# 1017

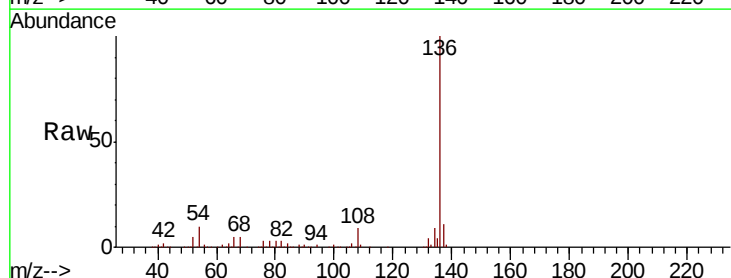
Delta R.T. -0.01 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

Tgt Ion: 136 Resp: 613814

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.8	9.1	13.7
68	5.0	4.6	6.8



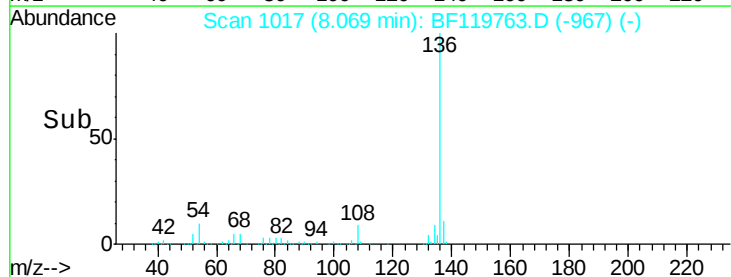
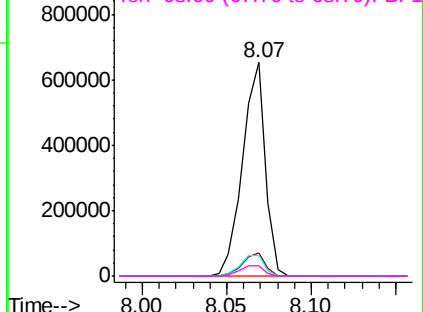
Abundance

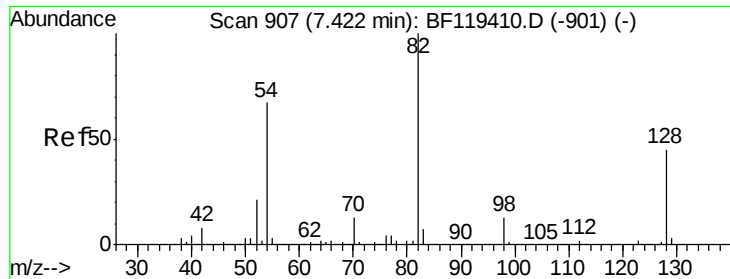
Ion 136.00 (135.70 to 136.70): E

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

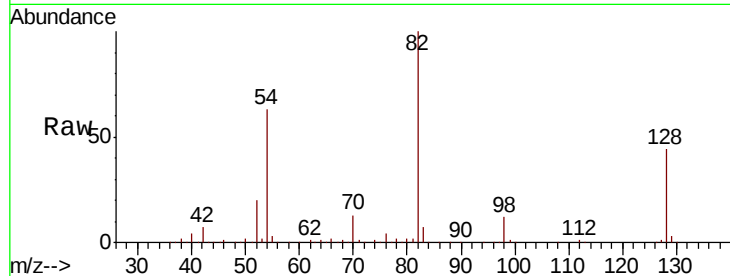




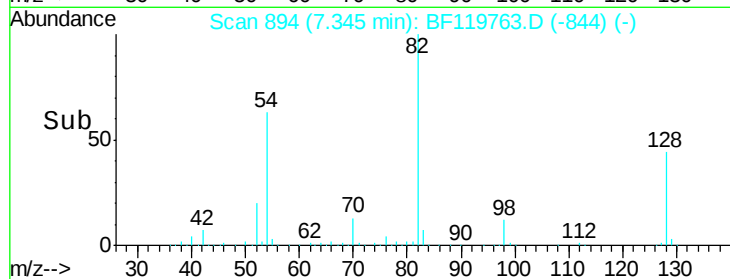
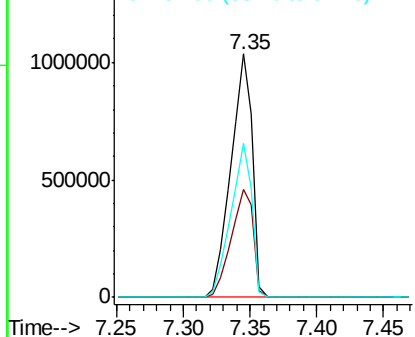
#23
 Nitrobenzene-d5
 Concen: 103.747 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119763.D
 Acq: 6 Apr 2020 11:25

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BL

Tot Ion: 82 Resp: 1171739
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.3 54.5
 54 63.4 50.6 75.8

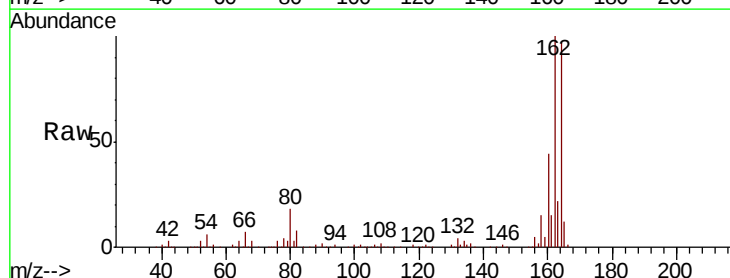


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

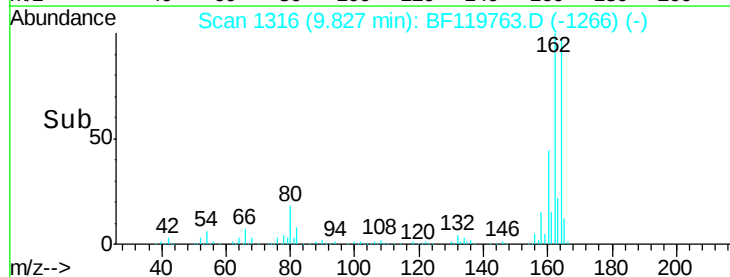
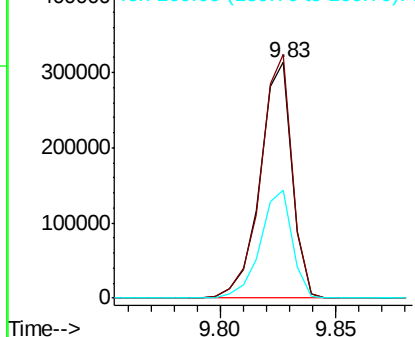


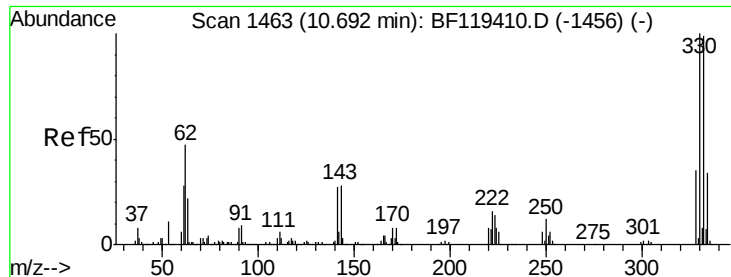
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF119763.D
 Acq: 6 Apr 2020 11:25

Tgt Ion:164 Resp: 302001
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.6 121.0
 160 45.8 35.7 53.5



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: 191.105 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

Instrument :

BNA_F

ClientSampleId :

PB128003BL

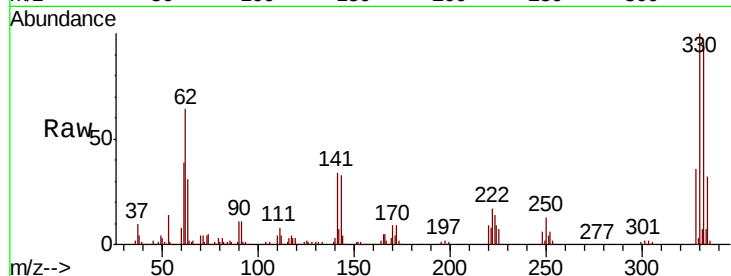
Tot Ion:330 Resp: 595414

Ion Ratio Lower Upper

330 100

332 96.5 75.7 113.5

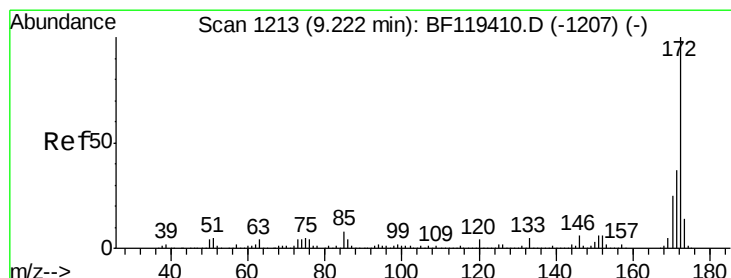
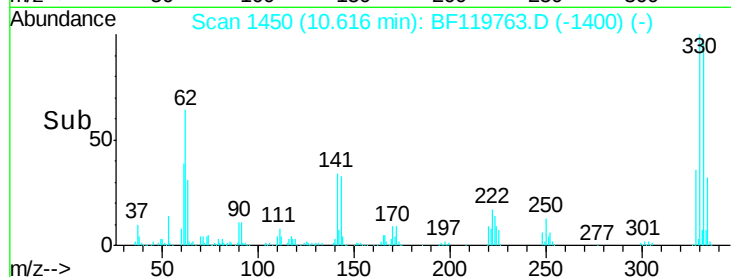
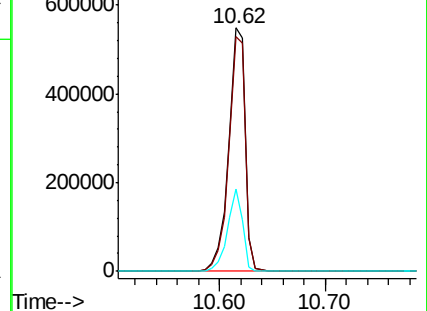
141 30.8 25.4 38.0



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: 106.423 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

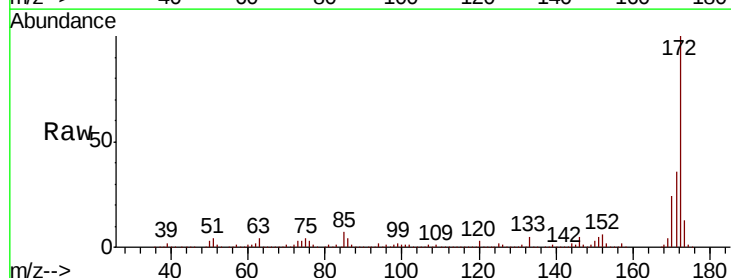
Tgt Ion:172 Resp: 2169449

Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

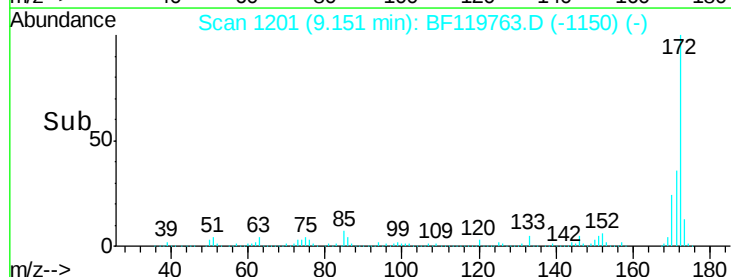
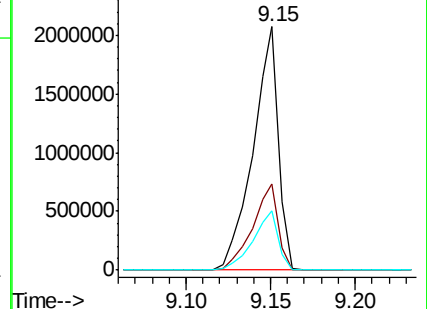
170 24.3 20.2 30.2

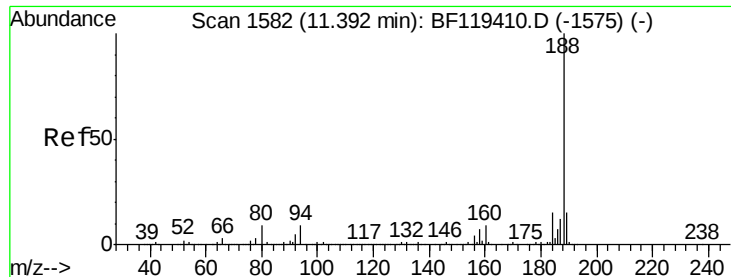


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

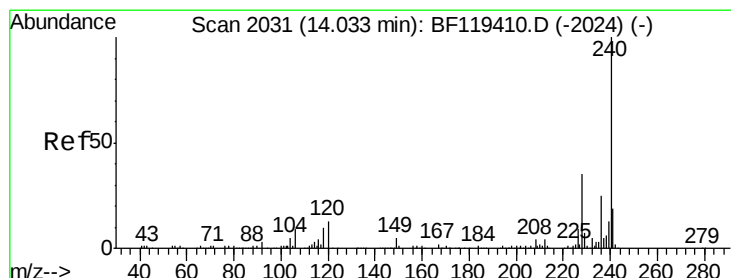
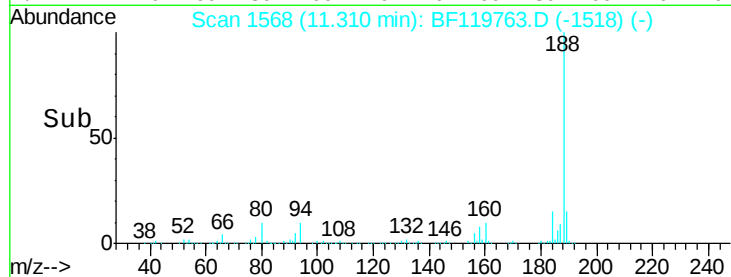
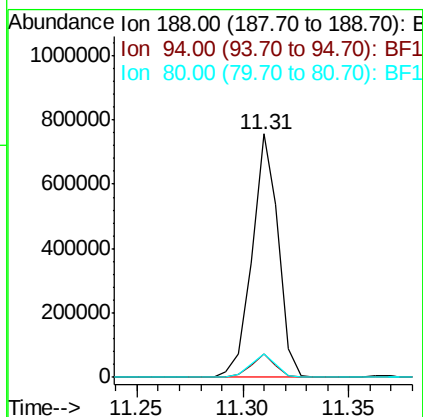
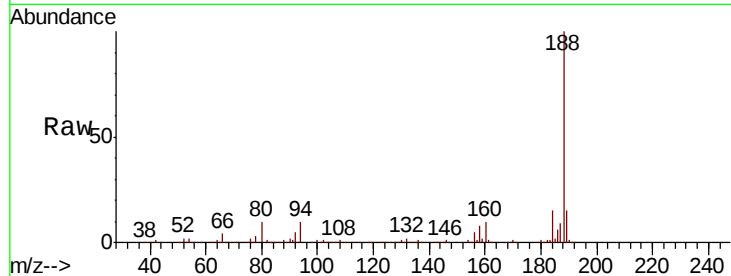




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119763.D
Acq: 6 Apr 2020 11:25

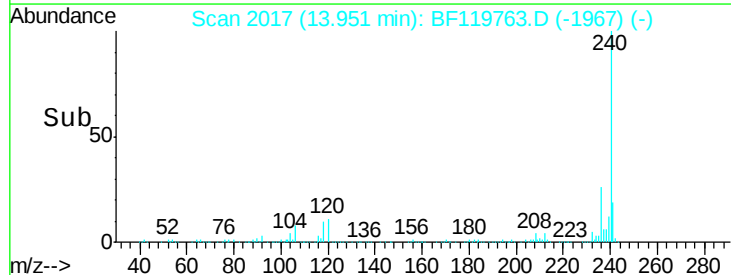
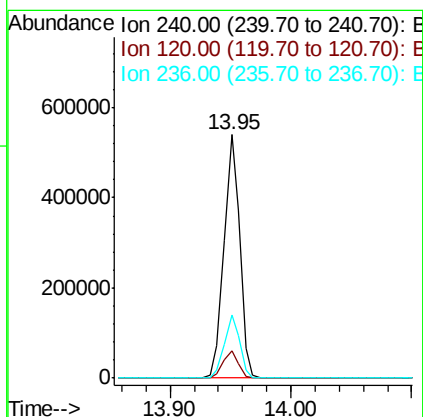
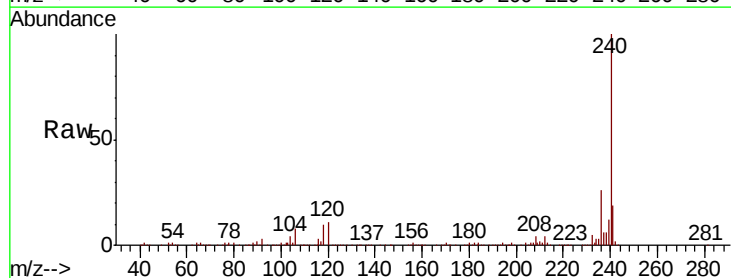
Instrument :
BNA_F
ClientSampleId :
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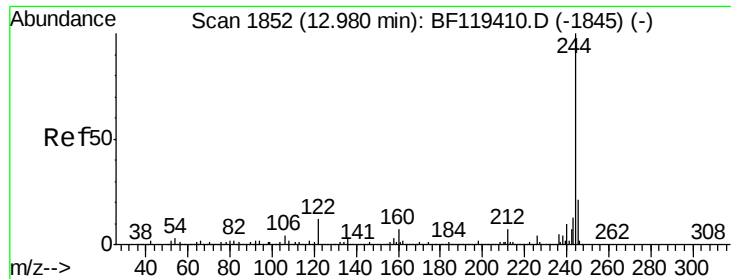
Tot Ion:188 Resp: 647815
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 9.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119763.D
Acq: 6 Apr 2020 11:25

Tgt Ion:240 Resp: 484777
Ion Ratio Lower Upper
240 100
120 11.0 10.6 15.8
236 26.0 20.2 30.2





#79

Terphenyl-d14

Concen: 103.036 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

Instrument :

BNA_F

ClientSampleId :

PB128003BL

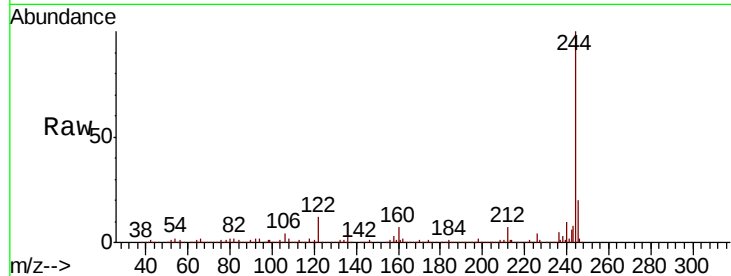
Tot Ion:244 Resp: 2549468

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 11.6 10.3 15.5



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

12.91

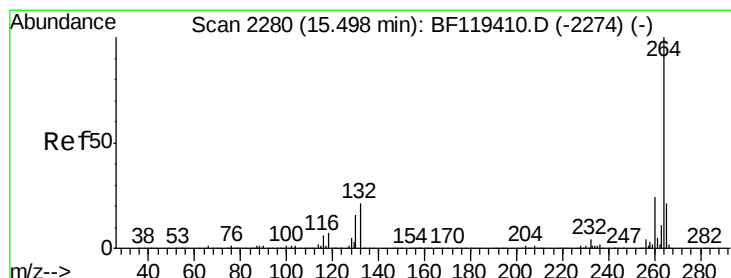
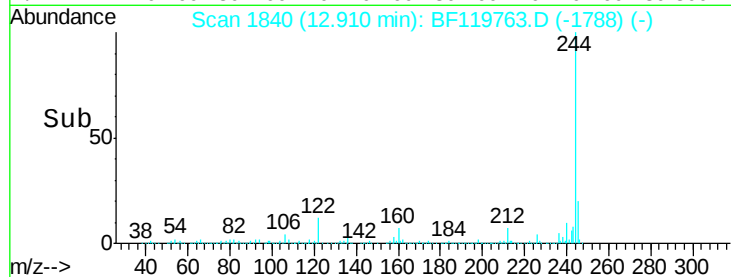
2000000

1000000

0

Time-->

12.85 12.90 12.95



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. -0.00 min

Lab File: BF119763.D

Acq: 6 Apr 2020 11:25

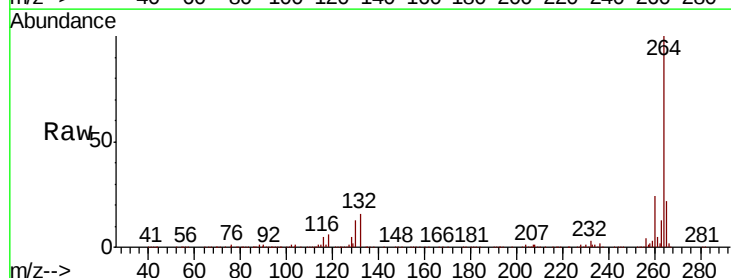
Tgt Ion:264 Resp: 505457

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.0 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

15.40

500000

400000

300000

200000

100000

0

Time-->

15.30 15.40 15.50

