

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119668.D
 Acq On : 1 Apr 2020 12:19
 Operator : MA/SJ
 Sample : PB127920TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127920TB

Quant Time: Apr 01 13:03:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	258696	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	989700	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	521152	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1039294	20.00	ng	0.00
76) Chrysene-d12	13.99	240	883363	20.00	ng	-0.01
87) Perylene-d12	15.45	264	928809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2052593	126.31	ng	0.02
7) Phenol-d6	6.45	99	2566716	123.64	ng	0.00
23) Nitrobenzene-d5	7.37	82	1594962	87.58	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	752495	139.96	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2884751	82.00	ng	0.00
79) Terphenyl-d14	12.94	244	3521629	78.11	ng	0.00

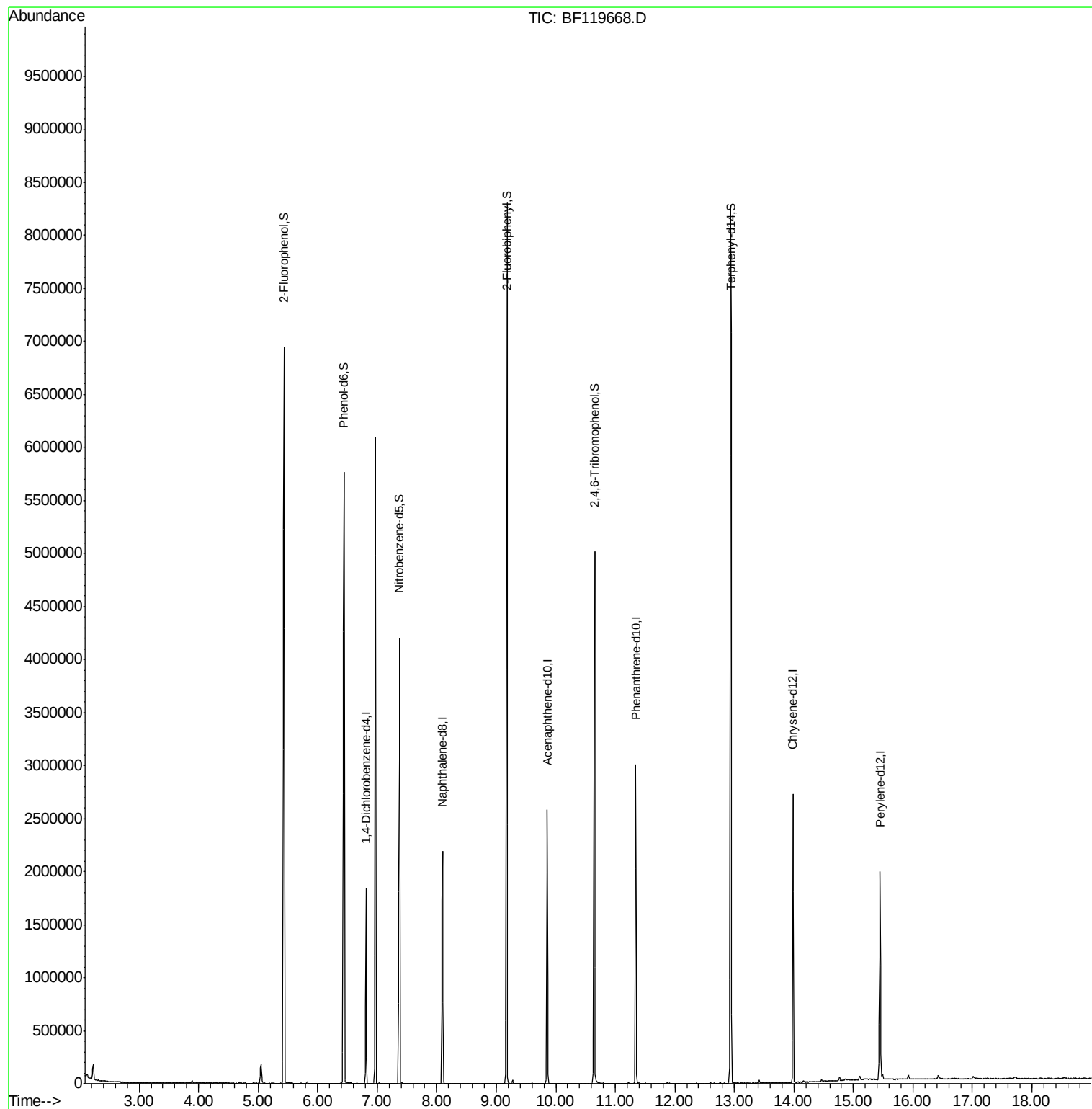
Target Compounds Qvalue

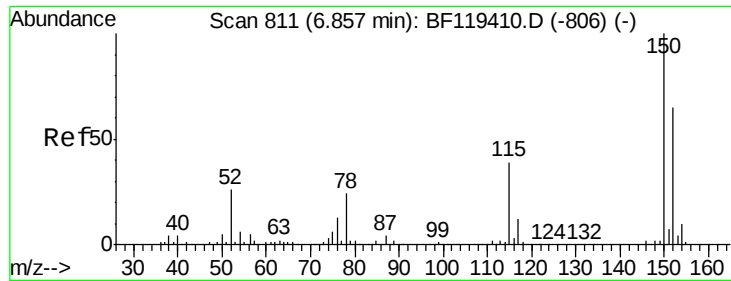
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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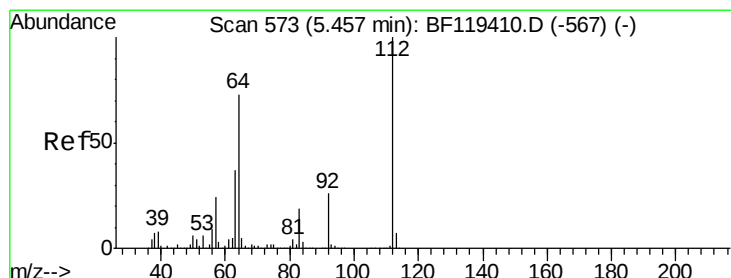
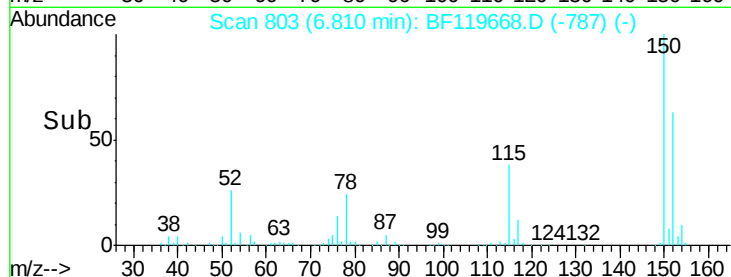
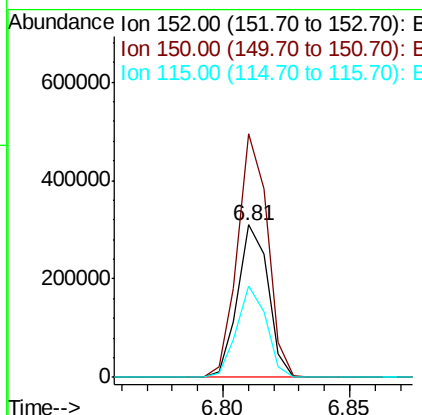
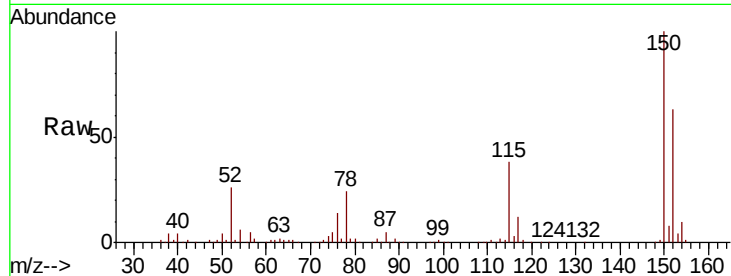




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF119668.D
 Acq: 1 Apr 2020 12:19

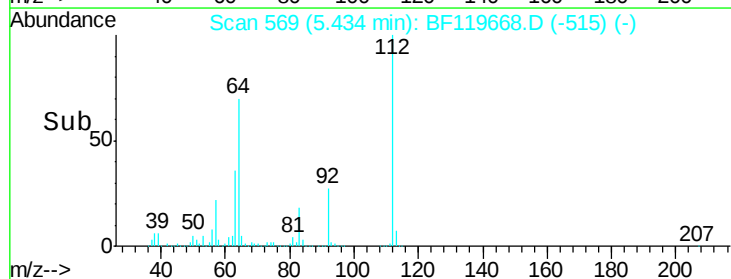
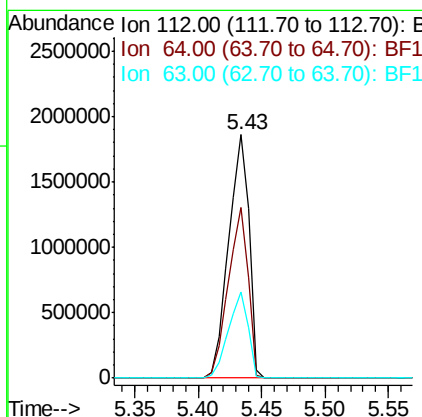
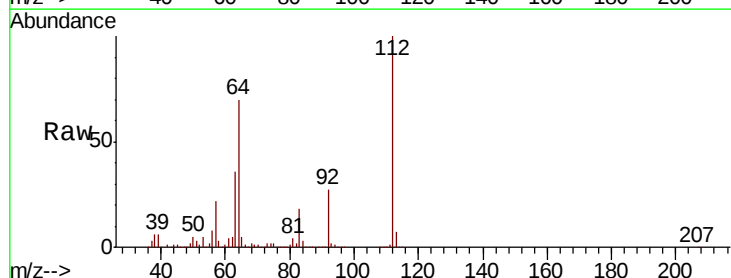
Instrument :
 BNA_F
 ClientSampleId :
 PB127920TB

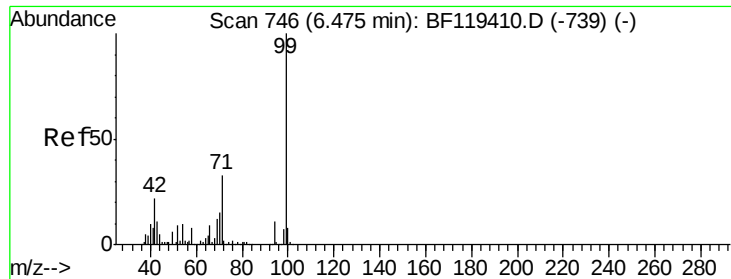
Tot Ion:152 Resp: 258696
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.5 186.7
 115 59.9 49.6 74.4



#5
 2-Fluorophenol
 Concen: 126.308 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF119668.D
 Acq: 1 Apr 2020 12:19

Tgt Ion:112 Resp: 2052593
 Ion Ratio Lower Upper
 112 100
 64 69.9 56.7 85.1
 63 35.6 29.5 44.3





#7

Phenol-d6

Concen: 123.643 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

Instrument :

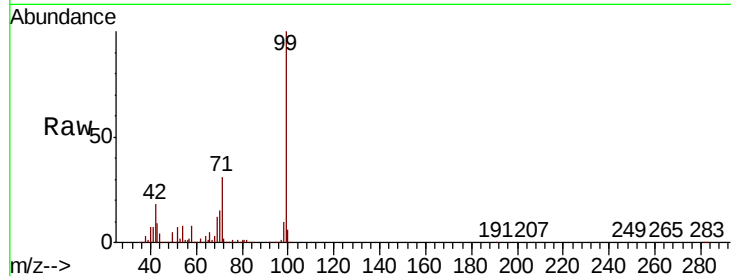
BNA_F

ClientSampleId :

PB127920TB

Tot Ion: 99 Resp: 2566716

Ion	Ratio	Lower	Upper
99	100		
42	18.2	16.6	24.8
71	31.1	26.4	39.6



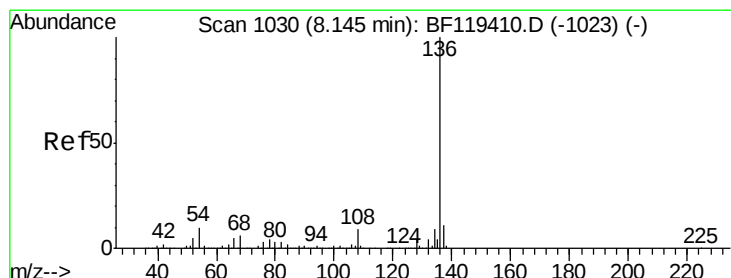
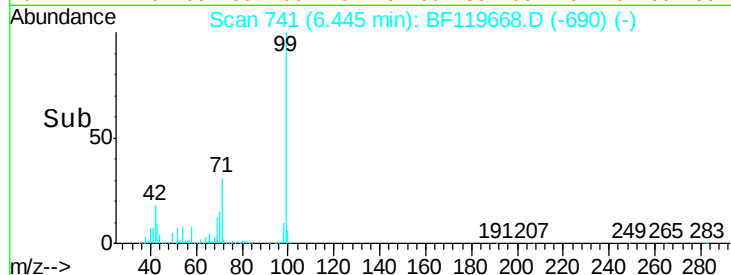
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.45

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

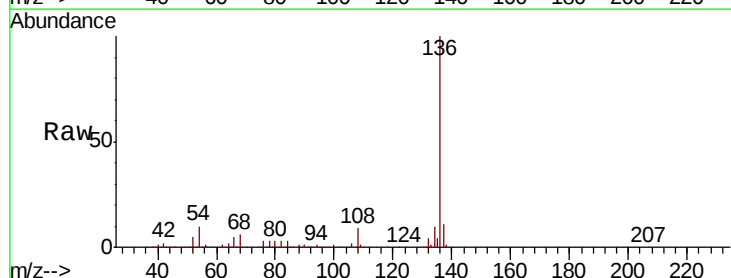
Delta R.T. -0.01 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

Tgt Ion: 136 Resp: 989700

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.6	9.1	13.7
68	5.8	4.6	6.8



Abundance Ion 136.00 (135.70 to 136.70): E

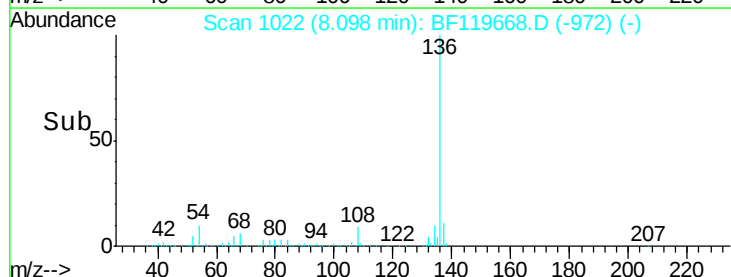
Ion 137.00 (136.70 to 137.70): E

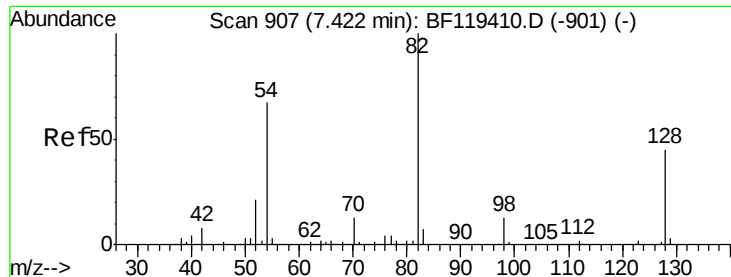
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

8.10

Time-->

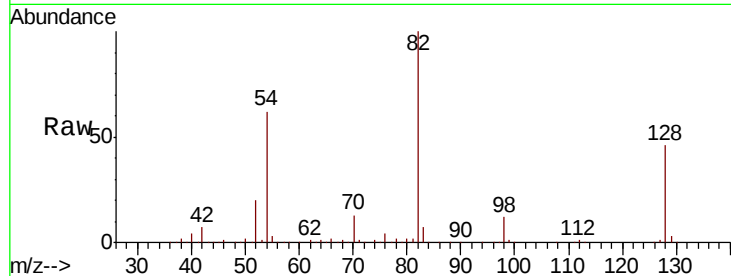




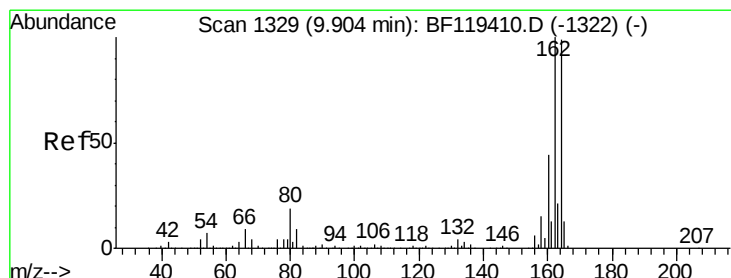
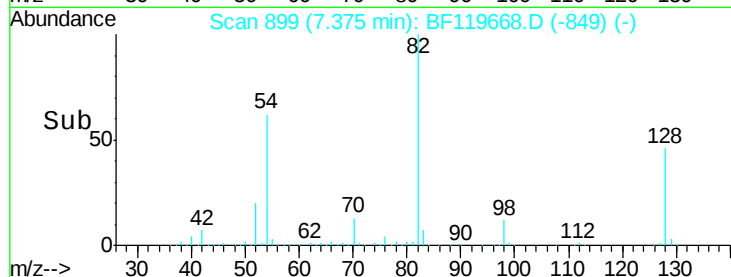
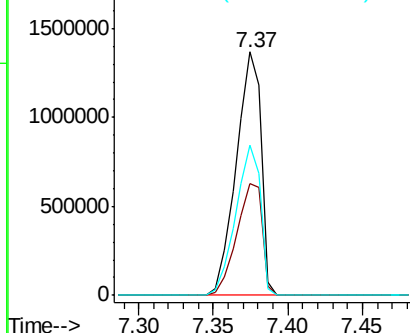
#23
 Nitrobenzene-d5
 Concen: 87.585 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119668.D
 Acq: 1 Apr 2020 12:19

Instrument :
 BNA_F
 ClientSampleId :
 PB127920TB

Tot Ion: 82 Resp: 1594962
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.3 54.5
 54 61.8 50.6 75.8

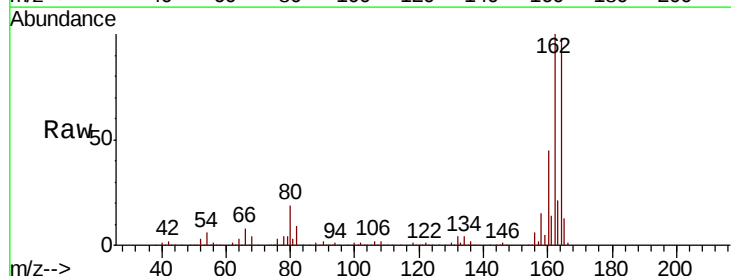


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

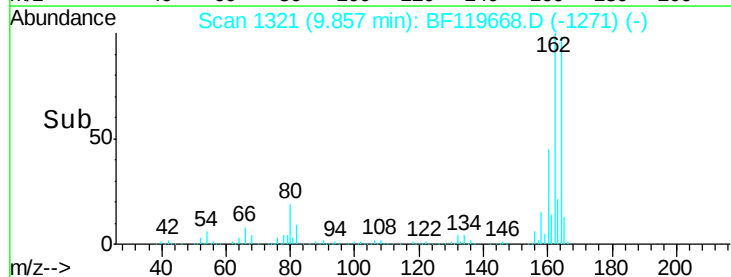
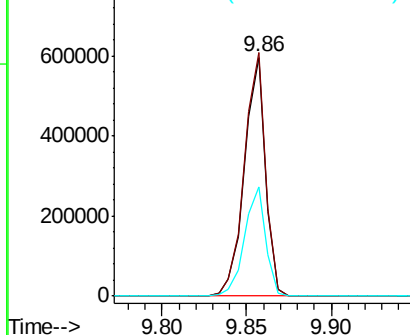


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF119668.D
 Acq: 1 Apr 2020 12:19

Tgt Ion: 164 Resp: 521152
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.6 121.0
 160 45.6 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

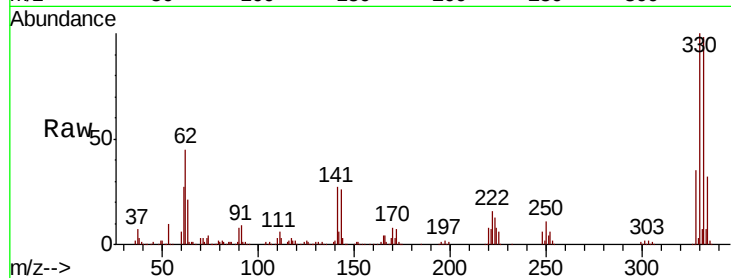




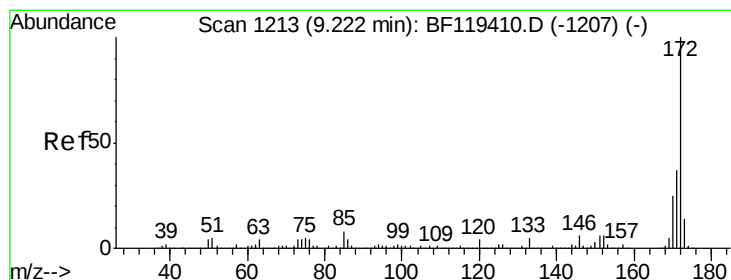
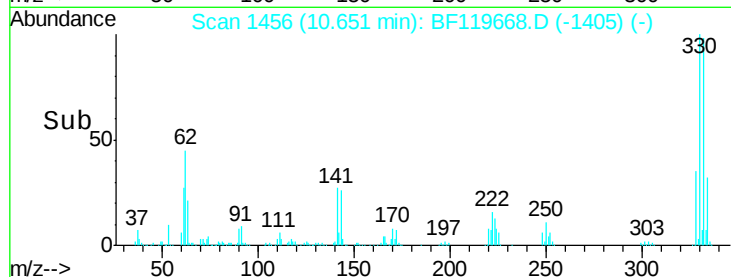
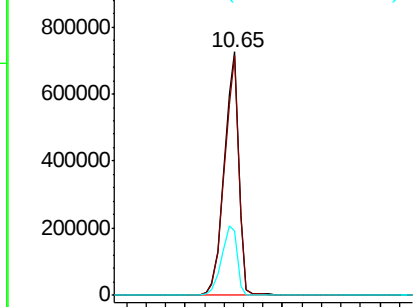
#42
 2,4,6-Tribromophenol
 Concen: 139.959 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF119668.D
 Acq: 1 Apr 2020 12:19

Instrument :
 BNA_F
 ClientSampleId :
 PB127920TB

Tot Ion:330 Resp: 752495
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.7 113.5
 141 30.6 25.4 38.0

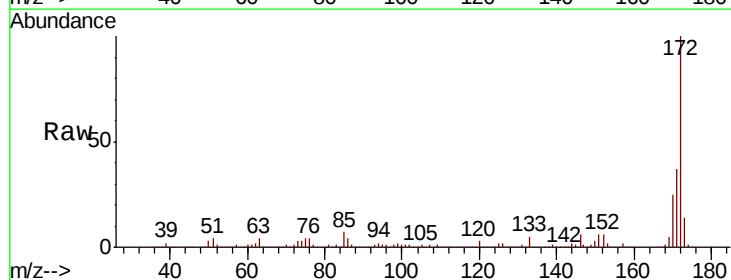


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

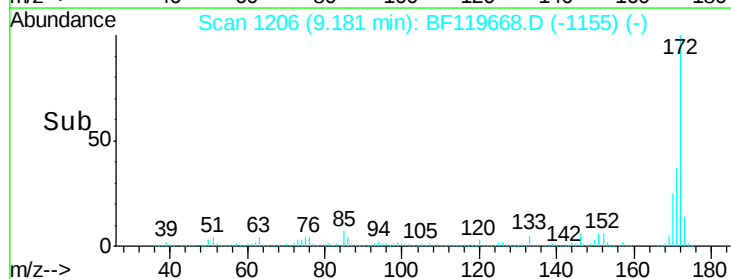
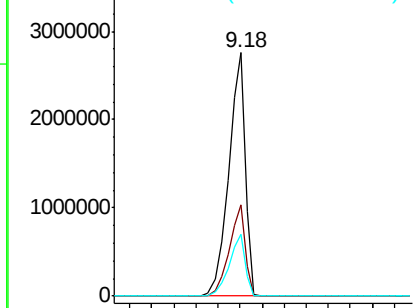


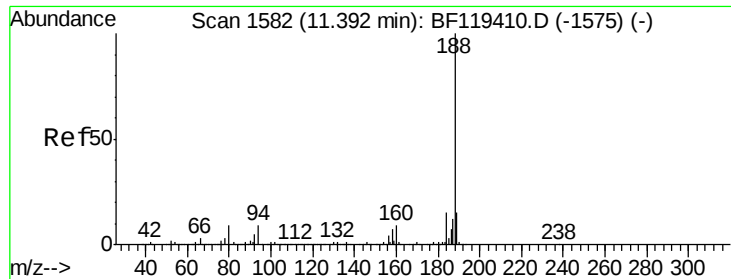
#45
 2-Fluorobiphenyl
 Concen: 82.004 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF119668.D
 Acq: 1 Apr 2020 12:19

Tgt Ion:172 Resp: 2884751
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 25.2 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: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

Instrument :

BNA_F

ClientSampleId :

PB127920TB

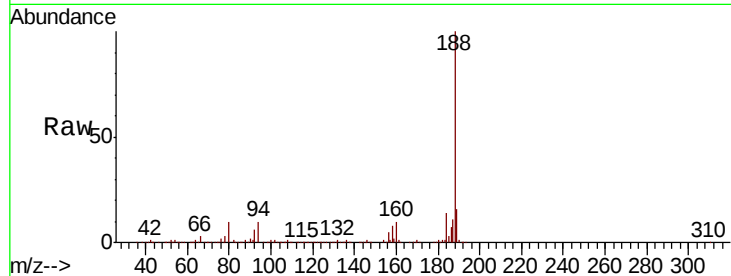
Tot Ion:188 Resp: 1039294

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

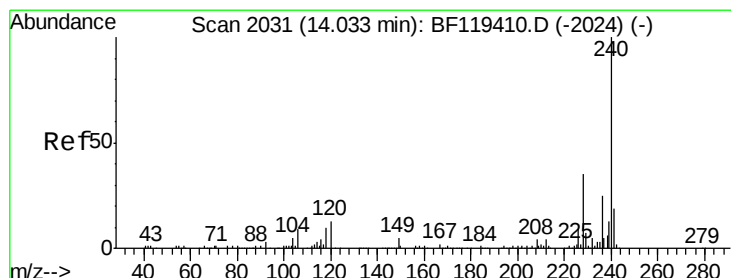
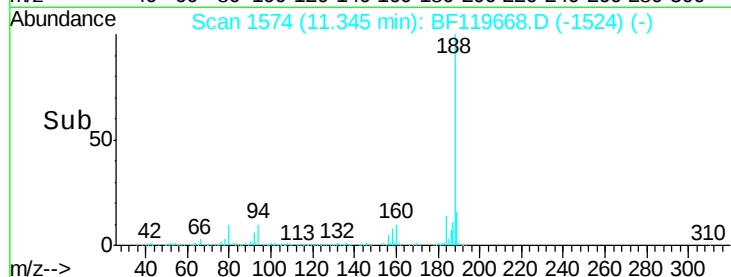
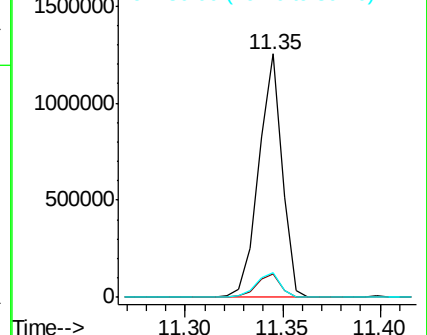
80 10.0 9.0 13.4



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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

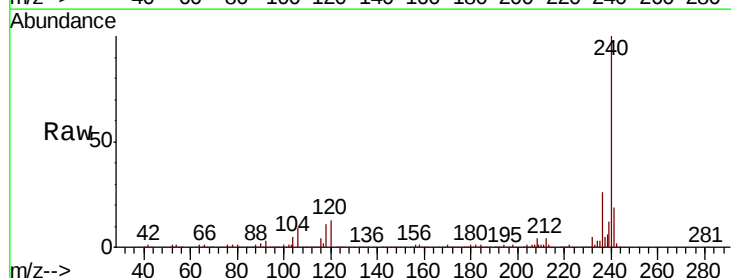
Tgt Ion:240 Resp: 883363

Ion Ratio Lower Upper

240 100

120 12.7 10.6 15.8

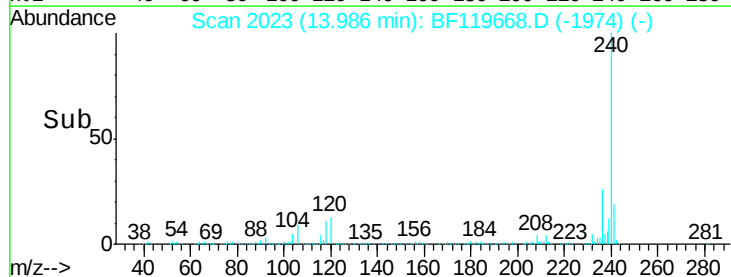
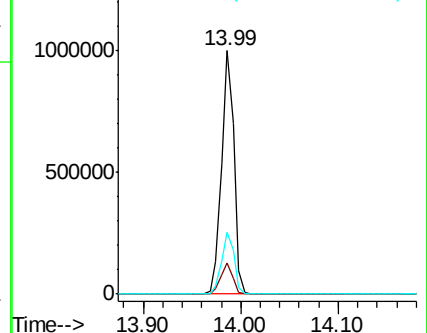
236 25.5 20.2 30.2

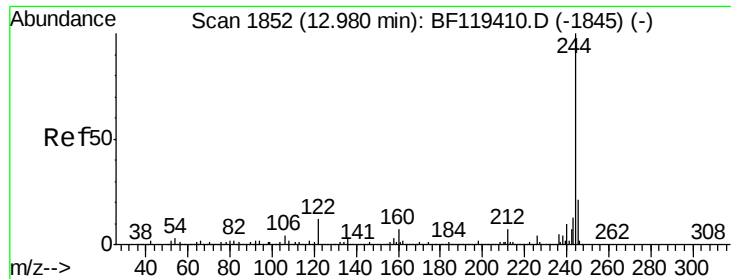


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.106 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

Instrument :

BNA_F

ClientSampleID :

PB127920TB

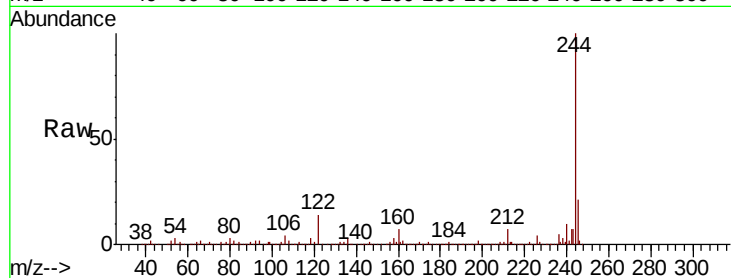
Tot Ion:244 Resp: 3521629

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

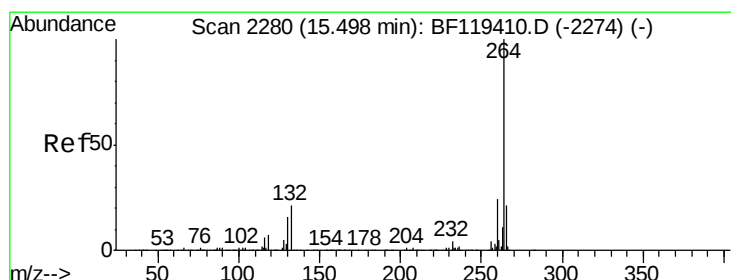
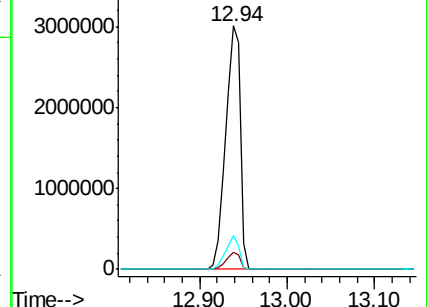
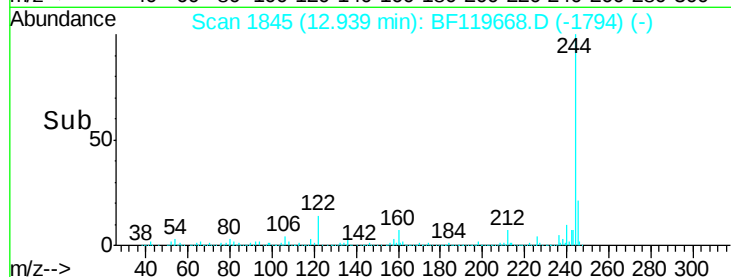
122 13.8 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

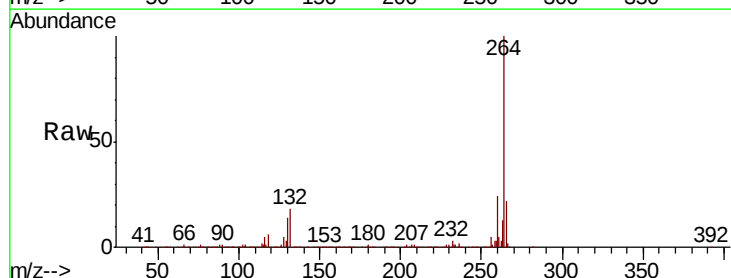
Tgt Ion:264 Resp: 928809

Ion Ratio Lower Upper

264 100

260 24.3 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

