

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119598.D
 Acq On : 28 Mar 2020 6:00
 Operator : CG/JU
 Sample : PB127859BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BL

Quant Time: Mar 28 08:38:31 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	274092	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	973056	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	472643	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1005123	20.00	ng	0.00
76) Chrysene-d12	14.00	240	651153	20.00	ng	-0.01
87) Perylene-d12	15.46	264	513096	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1843237	107.05	ng	0.01
7) Phenol-d6	6.45	99	2200185	100.03	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1813183	101.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	460244	94.39	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3294088	103.25	ng	0.00
79) Terphenyl-d14	12.96	244	3578395	107.67	ng	0.00

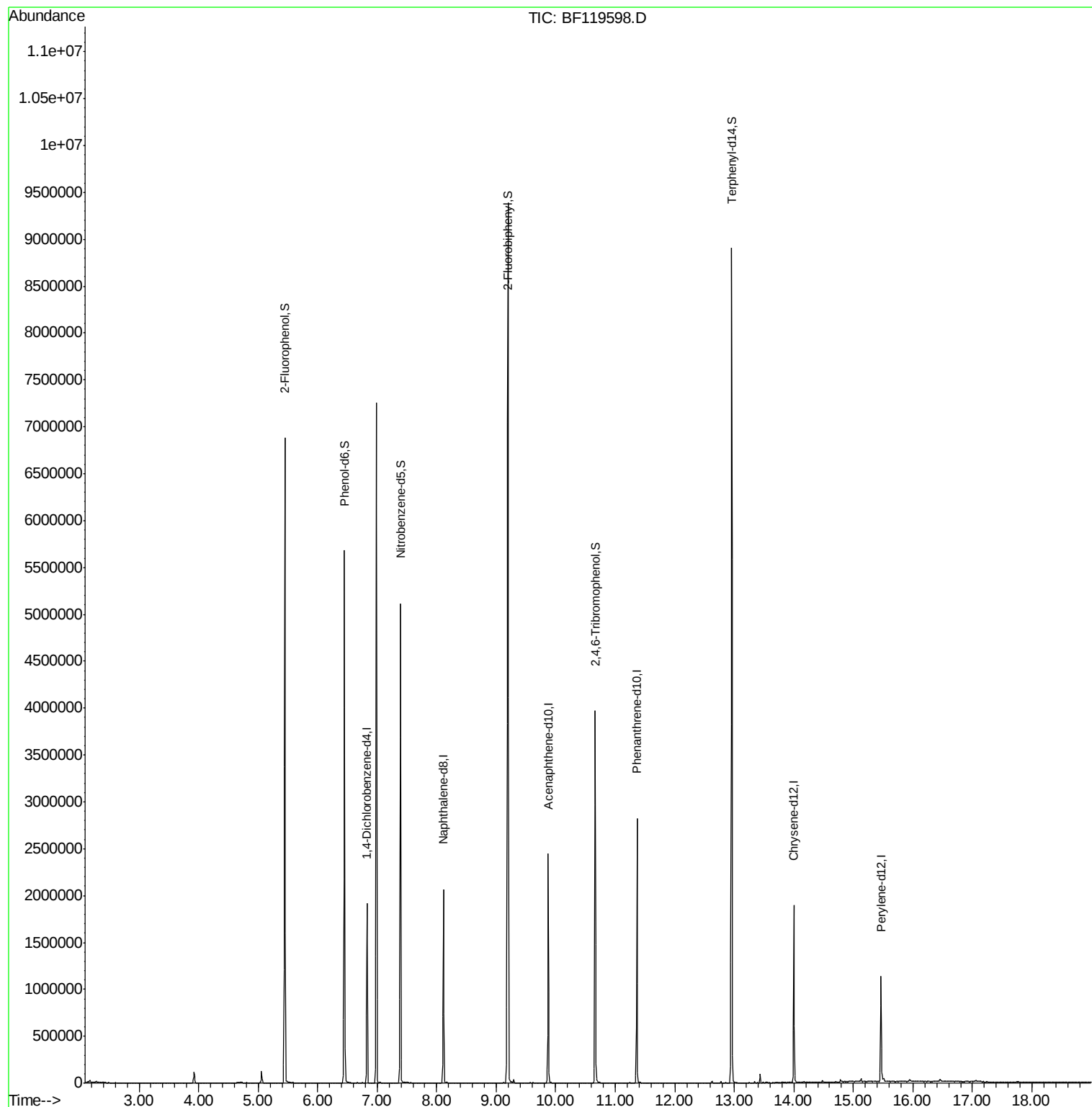
Target Compounds Qvalue

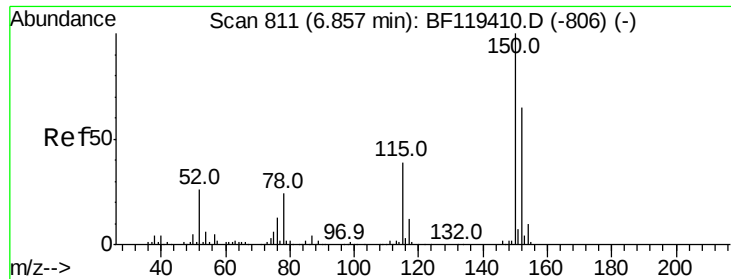
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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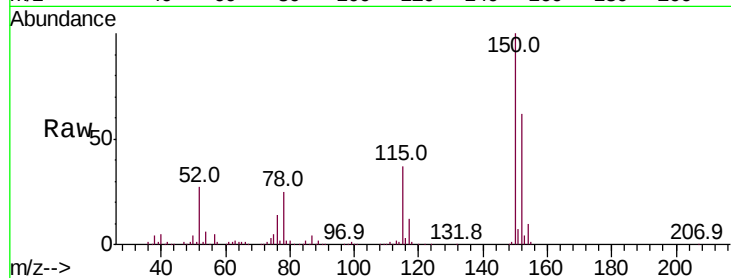


#1

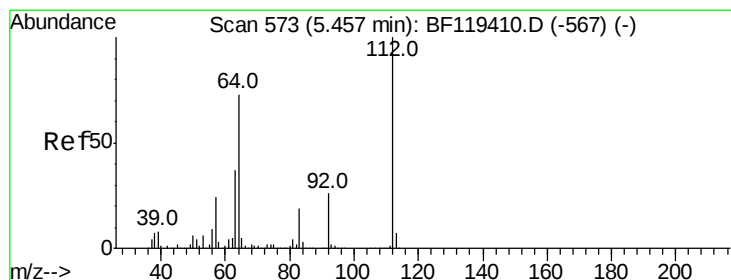
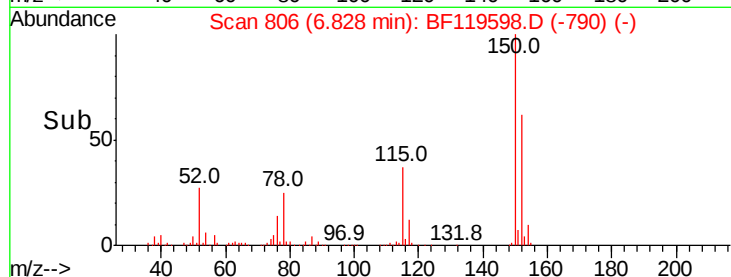
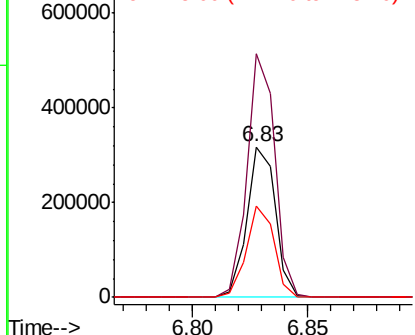
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF119598.D
Acq: 28 Mar 2020 6:00

Instrument :
BNA_F
ClientSampleId :
PB127859BL

Tot Ion:152 Resp: 274092
Ion Ratio Lower Upper
152 100
150 162.0 124.5 186.7
115 60.7 49.6 74.4



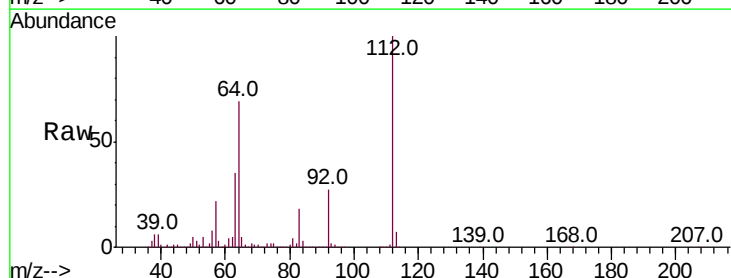
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



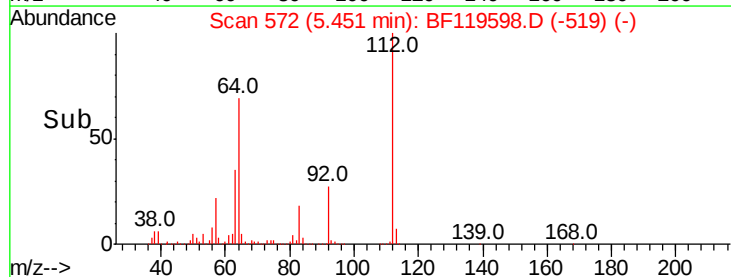
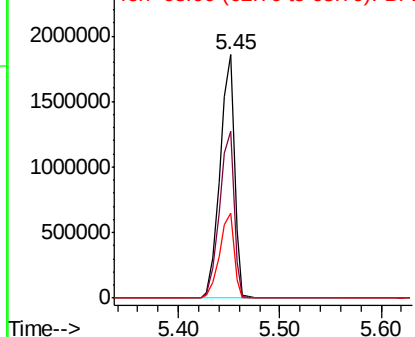
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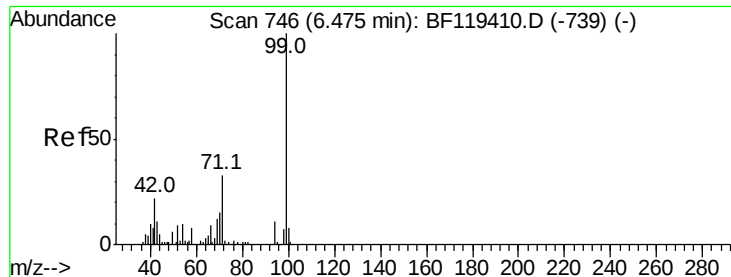
2-Fluorophenol
Concen: 107.054 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119598.D
Acq: 28 Mar 2020 6:00

Tgt Ion:112 Resp: 1843237
Ion Ratio Lower Upper
112 100
64 68.6 56.7 85.1
63 34.9 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: 100.033 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119598.D

Acq: 28 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

PB127859BL

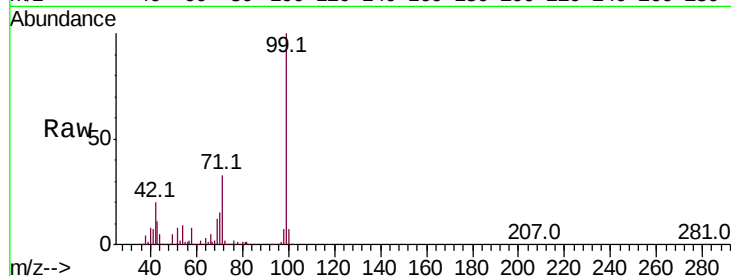
Tot Ion: 99 Resp: 2200185

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

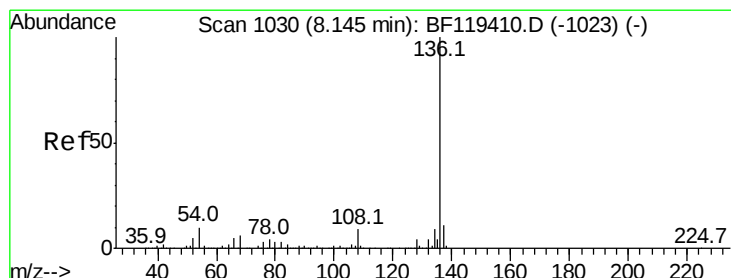
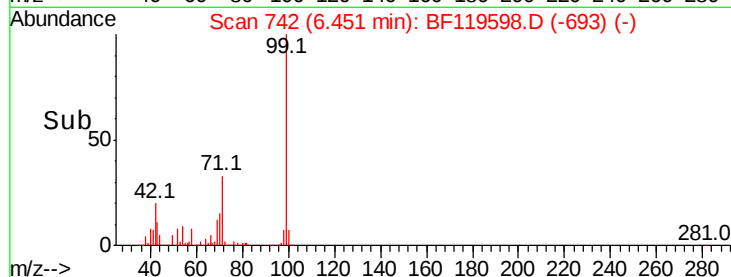
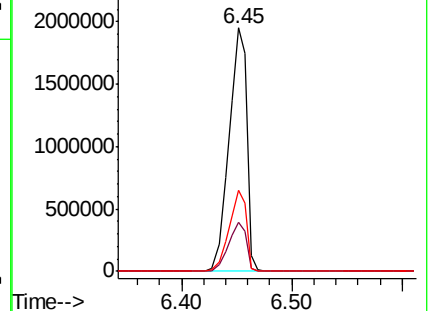
71 33.2 26.4 39.6



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: BF119598.D

Acq: 28 Mar 2020 6:00

Tgt Ion: 136 Resp: 973056

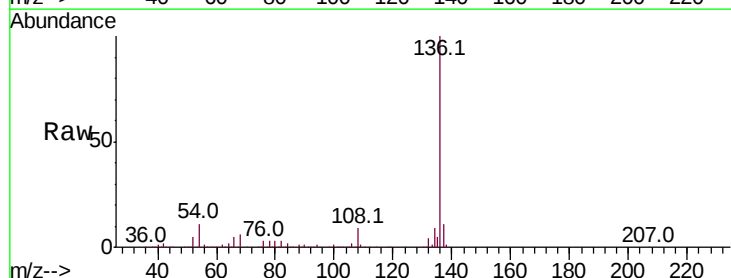
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.6 9.1 13.7

68 5.6 4.6 6.8

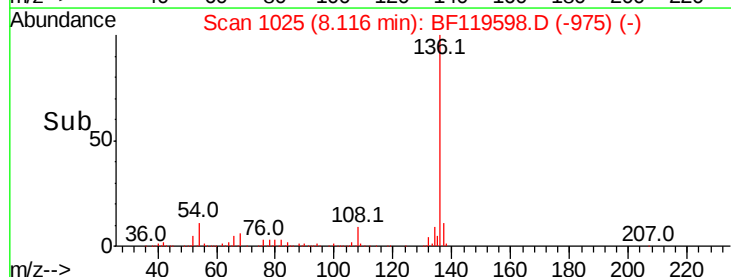
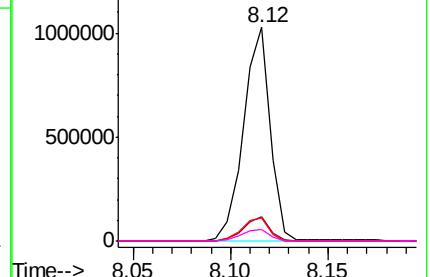


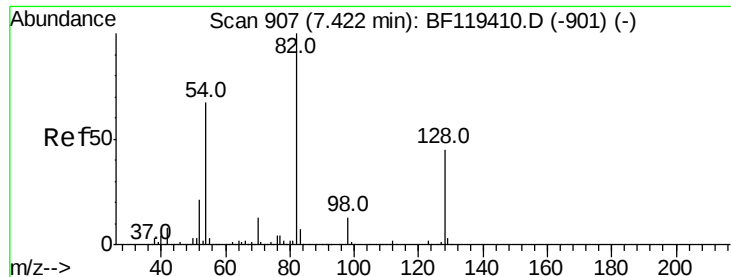
Abundance Ion 136.00 (135.70 to 136.70): E

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

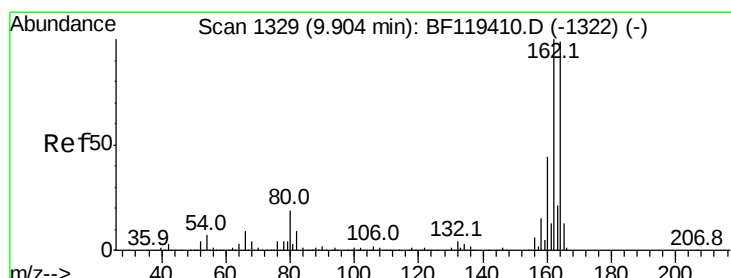
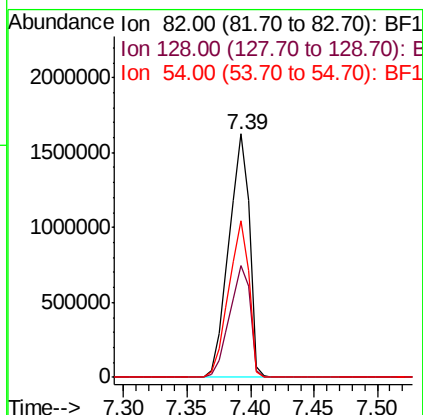
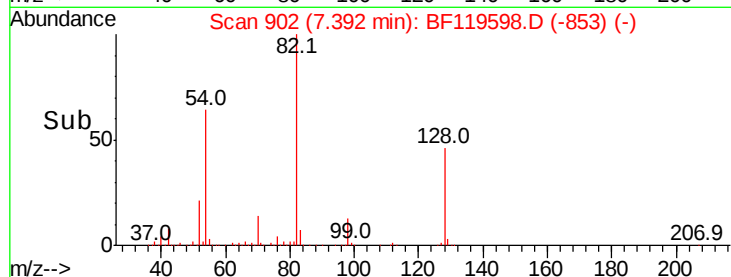
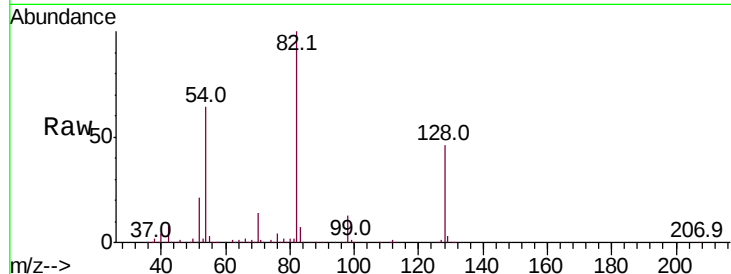




#23
Nitrobenzene-d5
Concen: 101.271 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119598.D
Acq: 28 Mar 2020 6:00

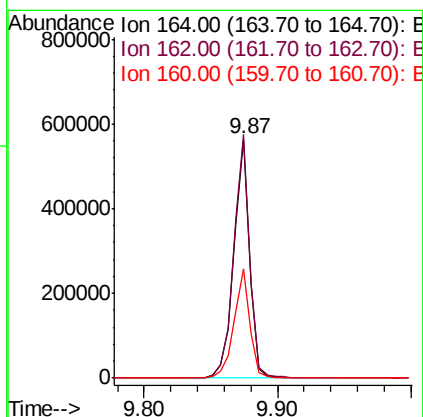
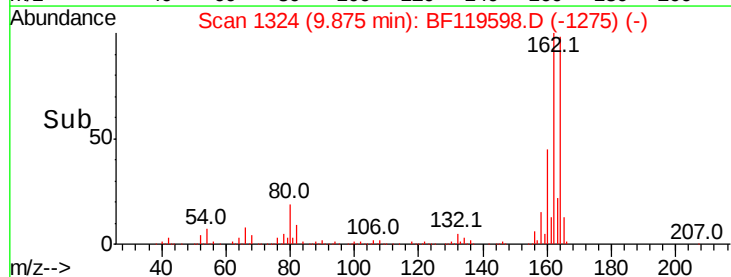
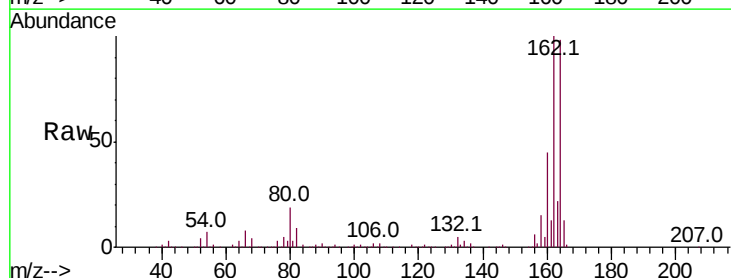
Instrument :
BNA_F
ClientSampled :
PB127859BL

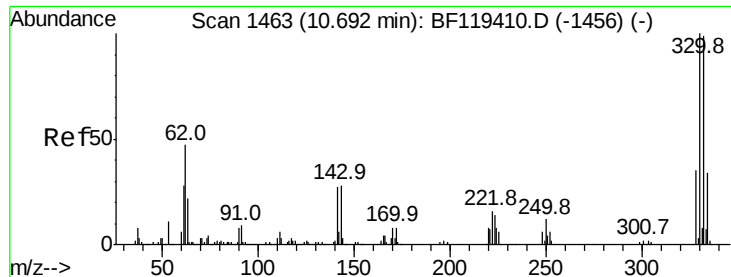
Tot Ion: 82 Resp: 1813183
Ion Ratio Lower Upper
82 100
128 45.7 36.3 54.5
54 64.4 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119598.D
Acq: 28 Mar 2020 6:00

Tgt Ion:164 Resp: 472643
Ion Ratio Lower Upper
164 100
162 102.1 80.6 121.0
160 46.0 35.7 53.5

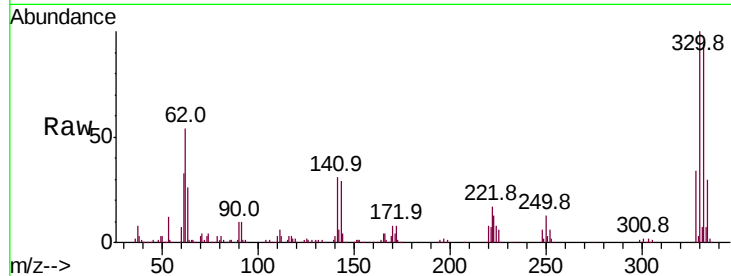




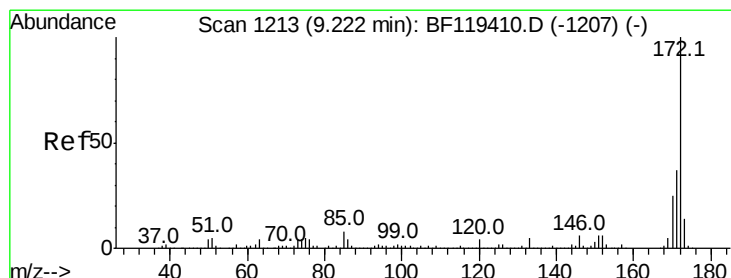
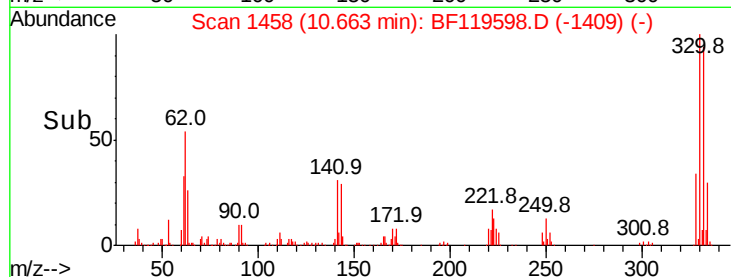
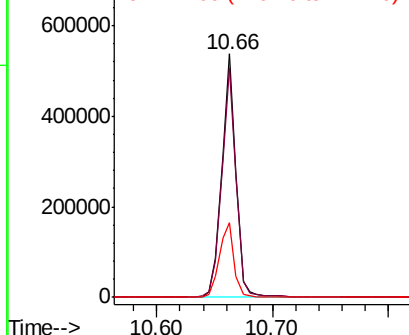
#42
 2,4,6-Tribromophenol
 Concen: 94.388 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119598.D
 Acq: 28 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BL

Tot Ion:330 Resp: 460244
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.7 113.5
 141 31.8 25.4 38.0

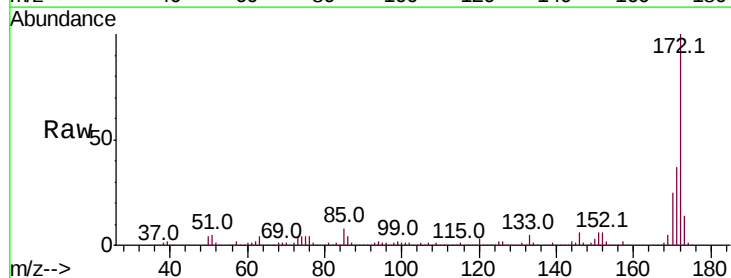


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

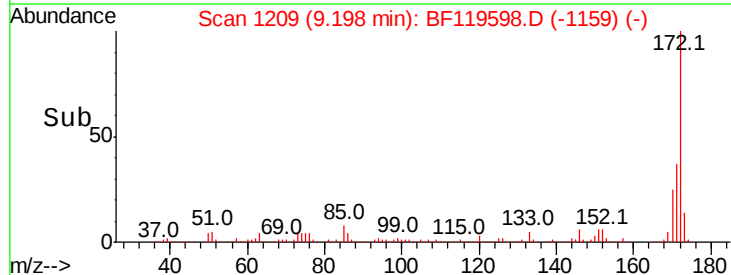
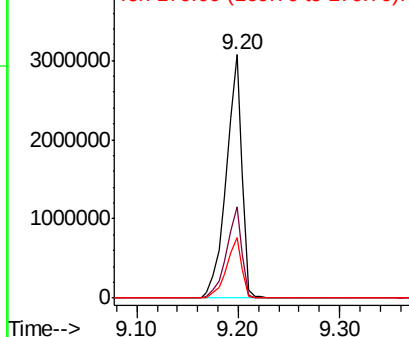


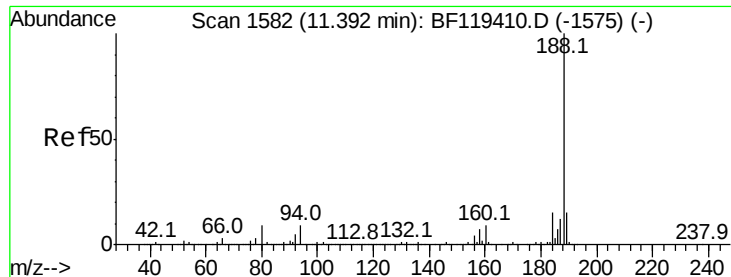
#45
 2-Fluorobiphenyl
 Concen: 103.251 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119598.D
 Acq: 28 Mar 2020 6:00

Tgt Ion:172 Resp: 3294088
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 24.8 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



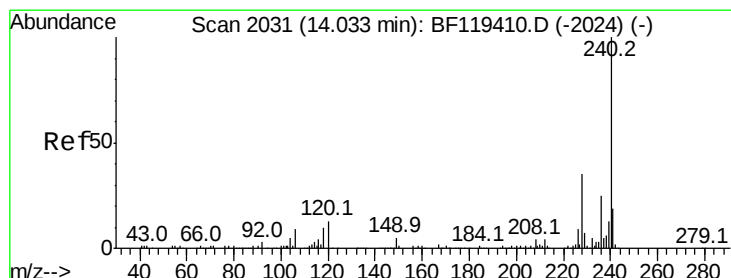
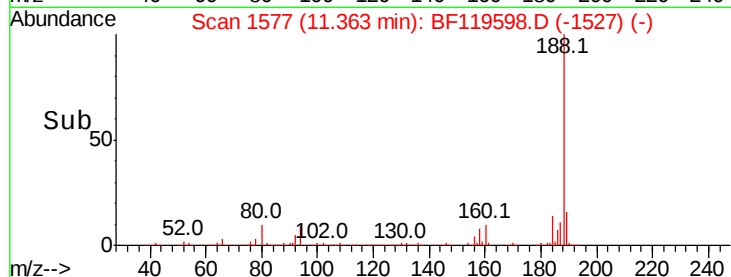
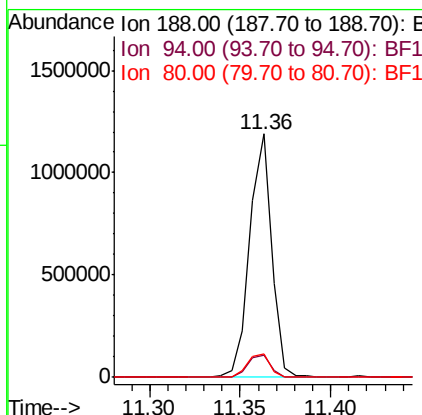
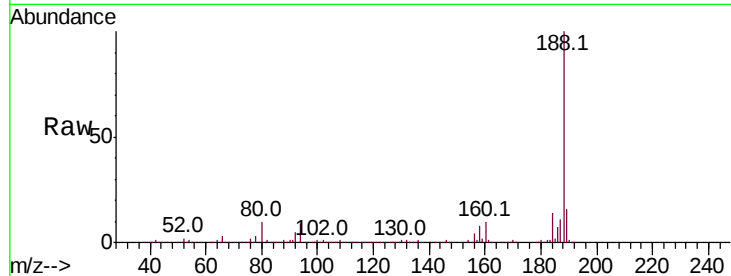


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF119598.D
 Acq: 28 Mar 2020 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB127859BL

Tot Ion:188 Resp: 1005123

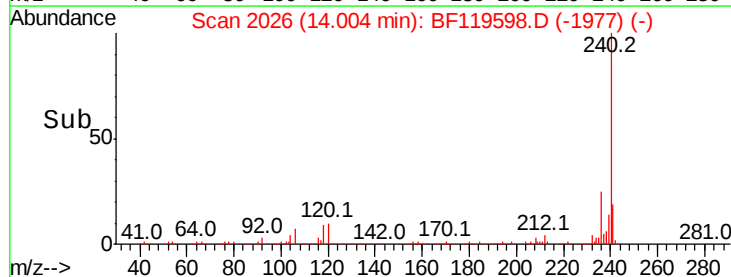
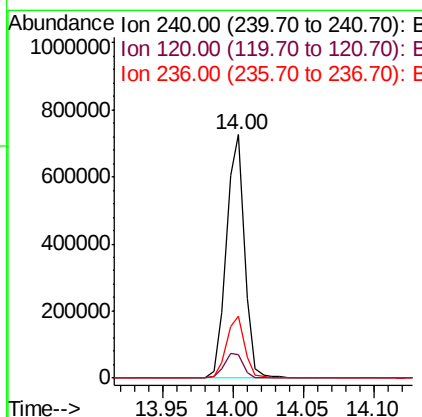
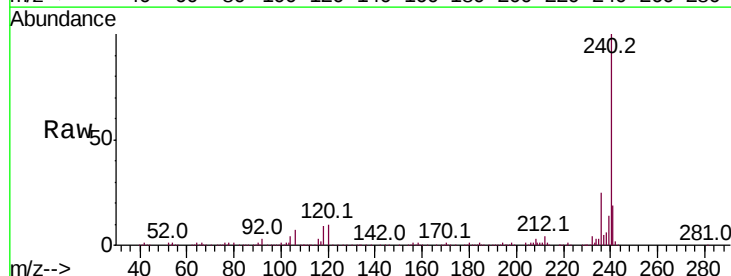
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	9.6	9.0	13.4

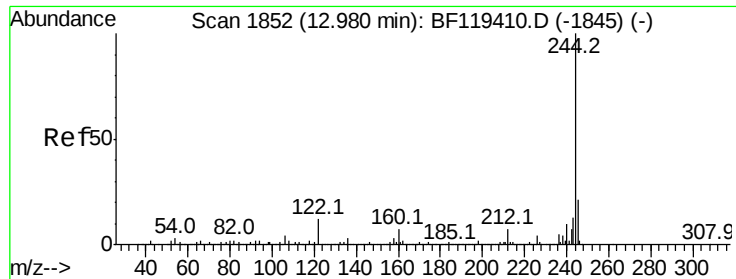


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119598.D
 Acq: 28 Mar 2020 6:00

Tgt Ion:240 Resp: 651153

Ion	Ratio	Lower	Upper
240	100		
120	9.9	10.6	15.8#
236	25.2	20.2	30.2





#79

Terphenyl-d14

Concen: 107.668 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119598.D

Acq: 28 Mar 2020 6:00

Instrument :

BNA_F

ClientSampleId :

PB127859BL

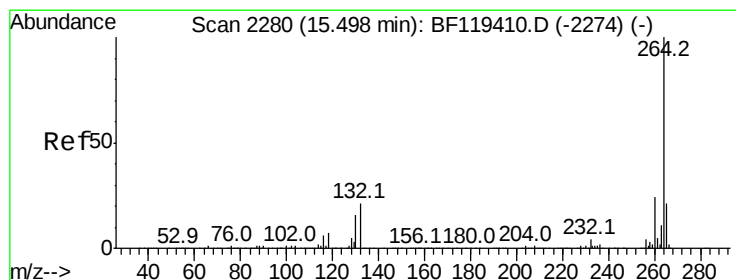
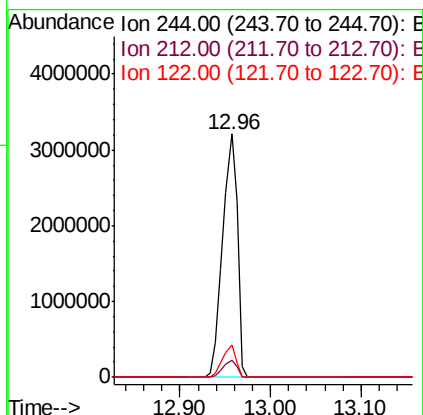
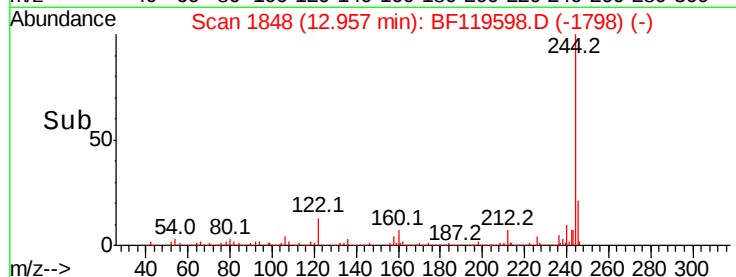
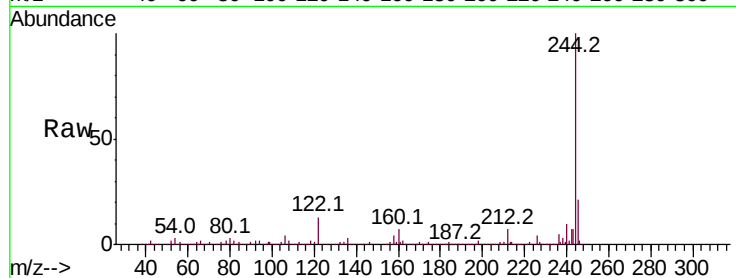
Tot Ion:244 Resp: 3578395

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 13.3 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: BF119598.D

Acq: 28 Mar 2020 6:00

Tgt Ion:264 Resp: 513096

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.8 17.7 26.5

