

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119592.D
 Acq On : 28 Mar 2020 3:19
 Operator : CG/JU
 Sample : L2049-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-(10-12)

Quant Time: Mar 28 08:03:05 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

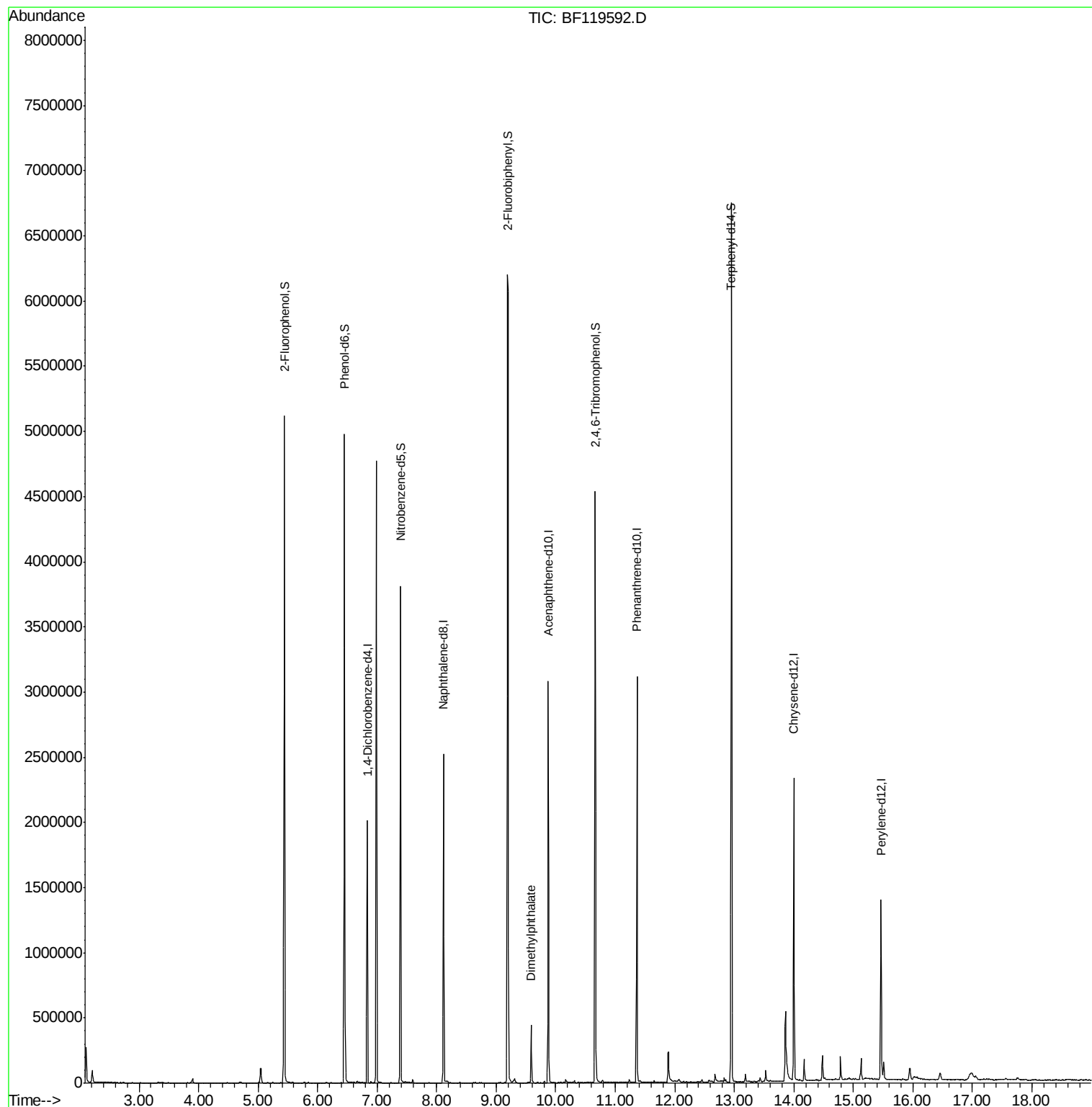
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	298370	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1058672	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	577037	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1118544	20.00	ng	0.00
76) Chrysene-d12	14.00	240	800496	20.00	ng	-0.01
87) Perylene-d12	15.46	264	644173	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1419052	75.71	ng	0.00
7) Phenol-d6	6.45	99	1855918	77.51	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1111682	57.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	522632	87.79	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2138876	54.91	ng	0.00
79) Terphenyl-d14	12.95	244	2391223	58.53	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	164606	4.016	ng	Qvalue 99

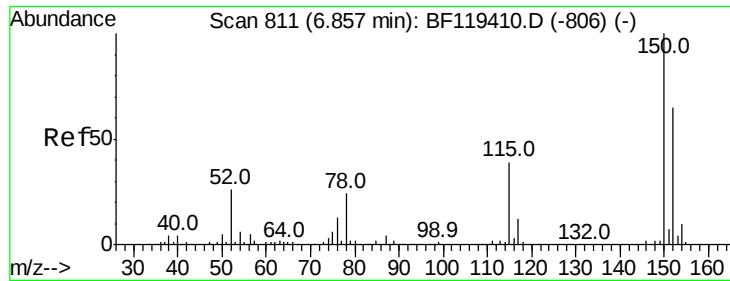
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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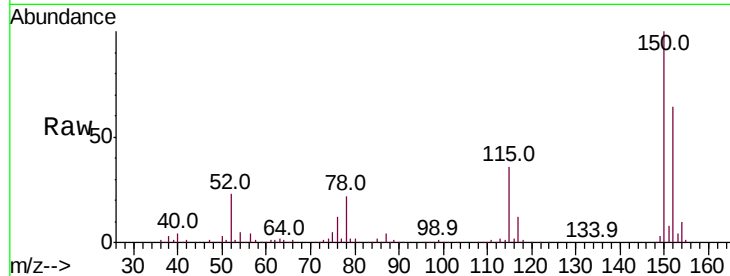


#1

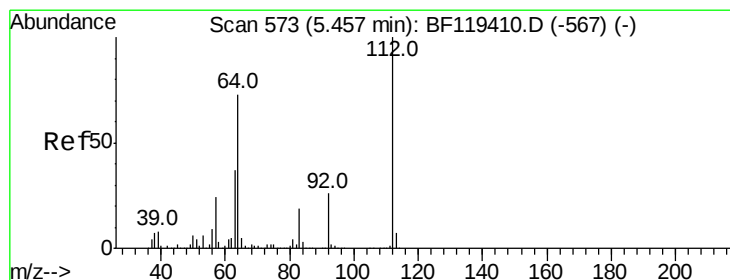
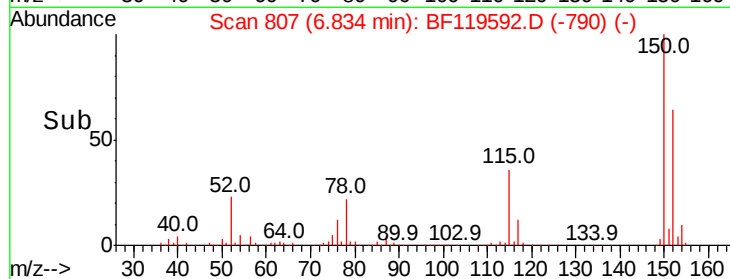
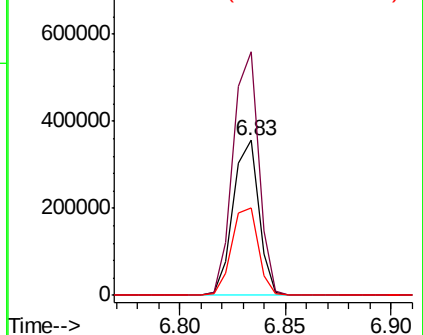
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF119592.D
Acq: 28 Mar 2020 3:19

Instrument :
BNA_F
ClientSampleId :
SB-4-(10-12)

Tot Ion:152 Resp: 298370
Ion Ratio Lower Upper
152 100
150 157.2 124.5 186.7
115 56.7 49.6 74.4



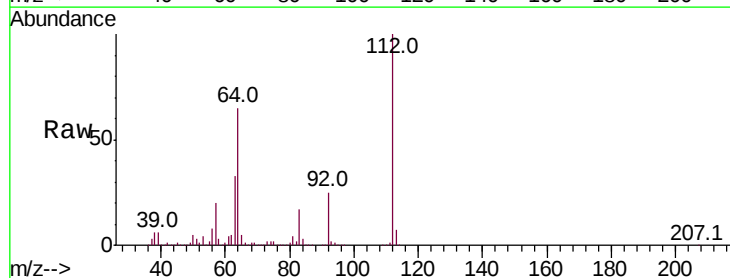
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



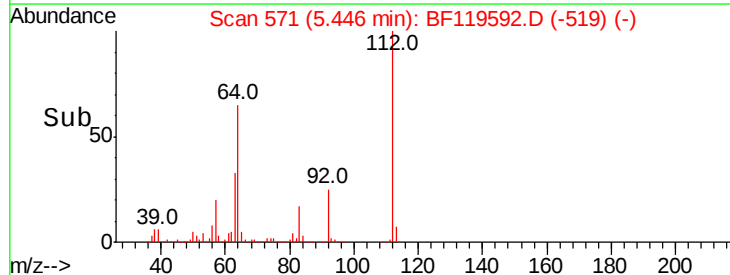
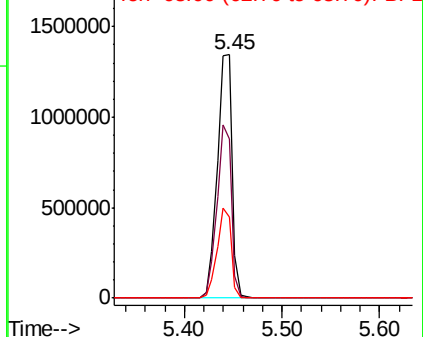
#5

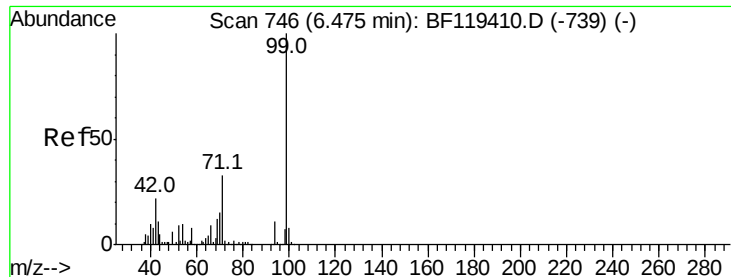
2-Fluorophenol
Concen: 75.711 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119592.D
Acq: 28 Mar 2020 3:19

Tgt Ion:112 Resp: 1419052
Ion Ratio Lower Upper
112 100
64 65.3 56.7 85.1
63 33.4 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: 77.515 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

Instrument :

BNA_F

ClientSampleId :

SB-4-(10-12)

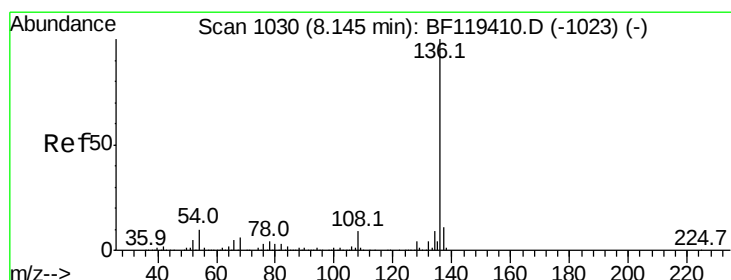
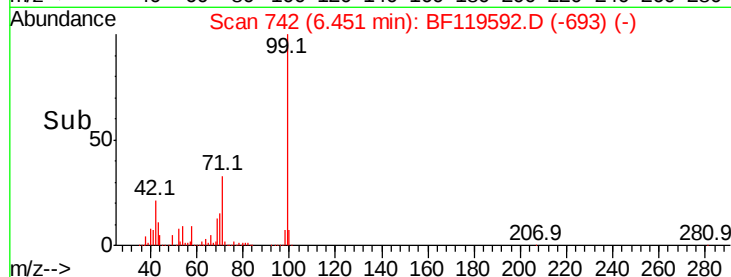
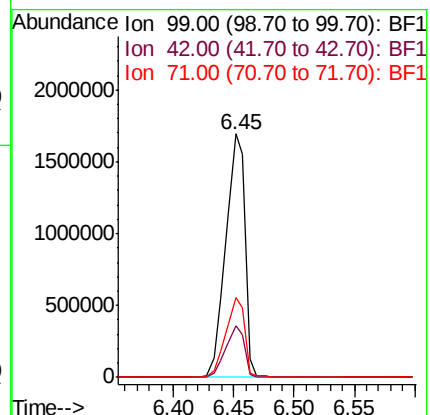
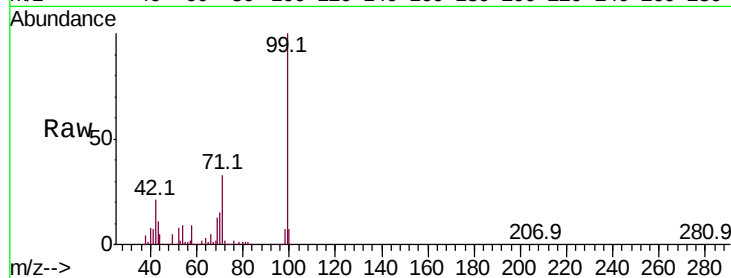
Tot Ion: 99 Resp: 1855918

Ion Ratio Lower Upper

99 100

42 21.1 16.6 24.8

71 32.8 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

Tgt Ion: 136 Resp: 1058672

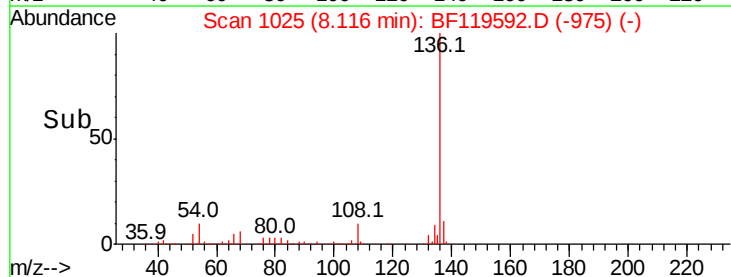
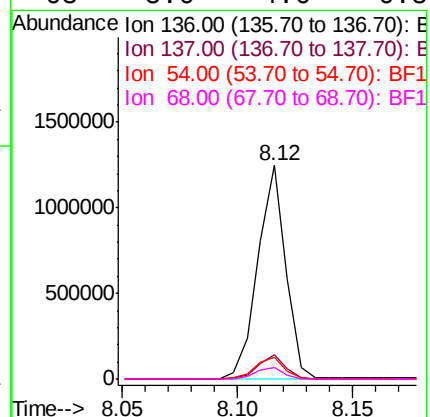
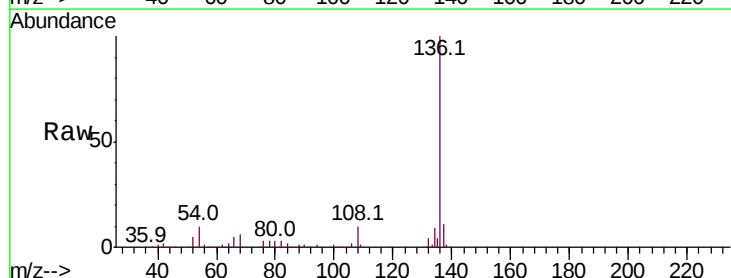
Ion Ratio Lower Upper

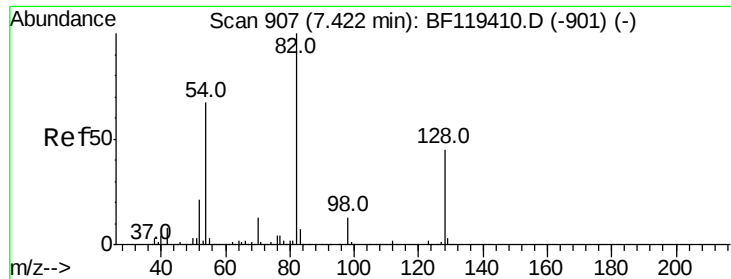
136 100

137 11.4 8.7 13.1

54 10.5 9.1 13.7

68 5.6 4.6 6.8

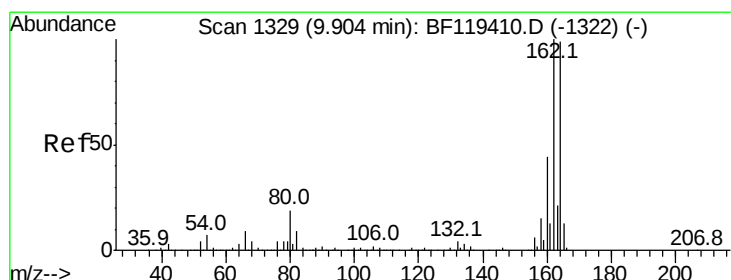
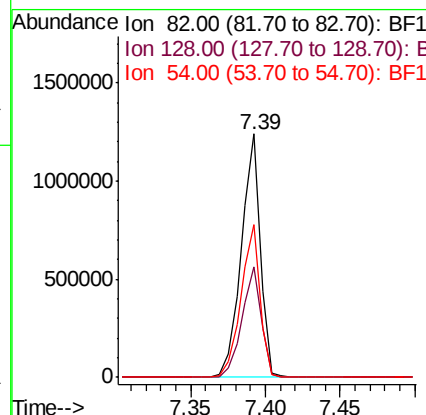
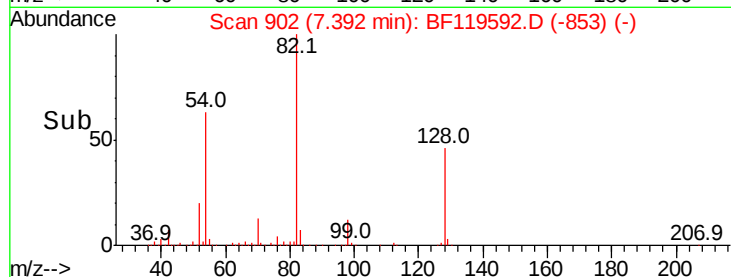
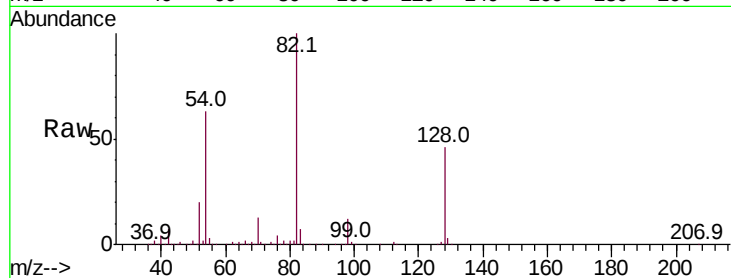




#23
Nitrobenzene-d5
Concen: 57.069 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119592.D
Acq: 28 Mar 2020 3:19

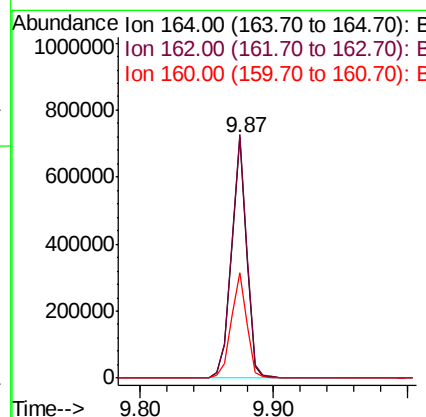
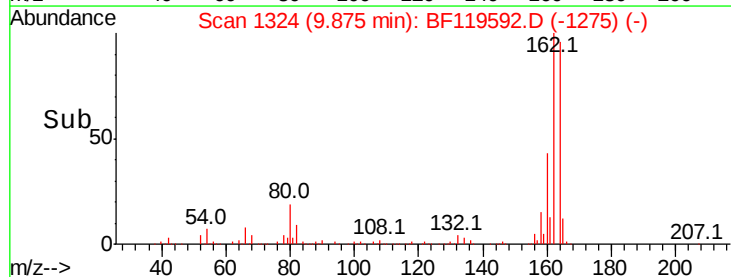
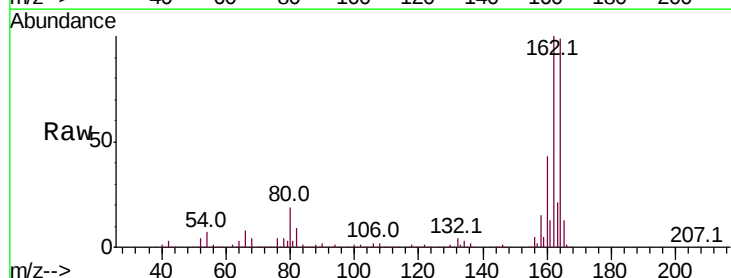
Instrument :
BNA_F
ClientSampleId :
SB-4-(10-12)

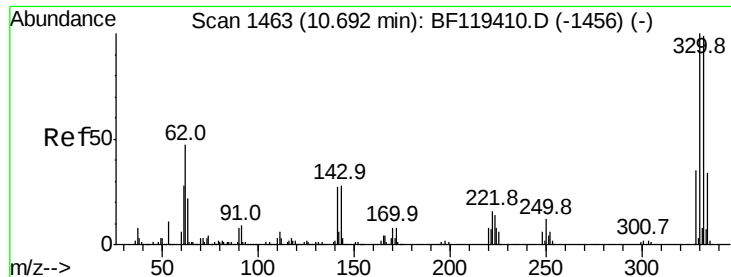
Tot Ion: 82 Resp: 1111682
Ion Ratio Lower Upper
82 100
128 45.6 36.3 54.5
54 62.7 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119592.D
Acq: 28 Mar 2020 3:19

Tgt Ion:164 Resp: 577037
Ion Ratio Lower Upper
164 100
162 101.1 80.6 121.0
160 43.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 87.792 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

Instrument :

BNA_F

ClientSampleId :

SB-4-(10-12)

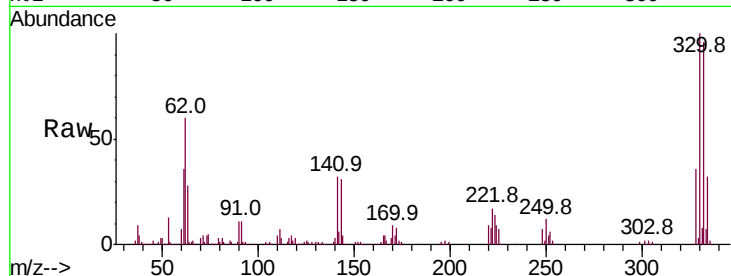
Tot Ion:330 Resp: 522632

Ion Ratio Lower Upper

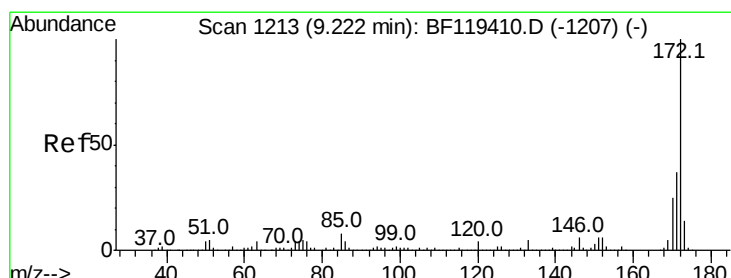
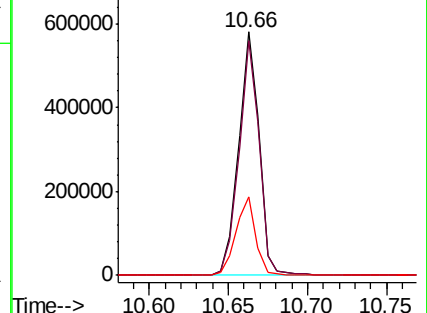
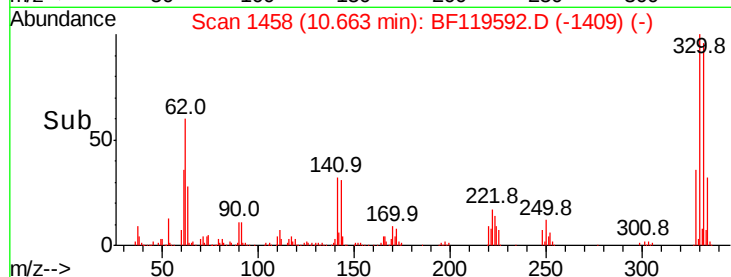
330 100

332 95.4 75.7 113.5

141 31.2 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: 54.913 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

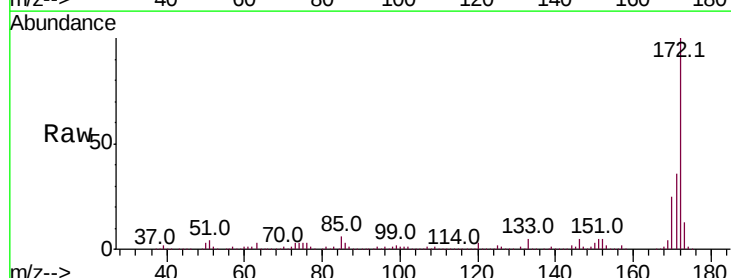
Tgt Ion:172 Resp: 2138876

Ion Ratio Lower Upper

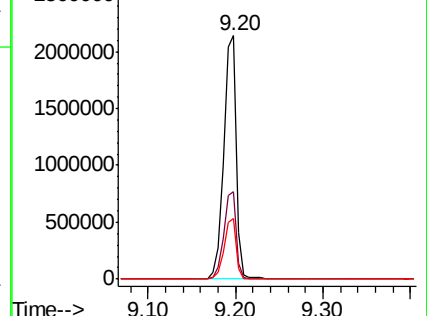
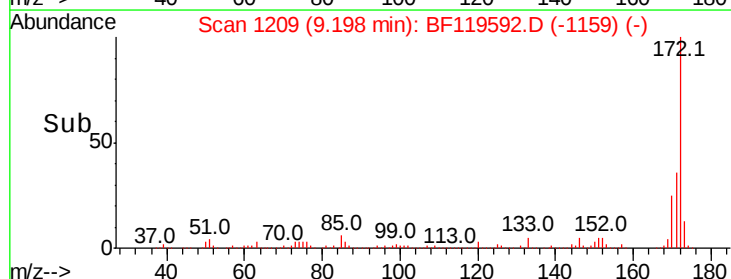
172 100

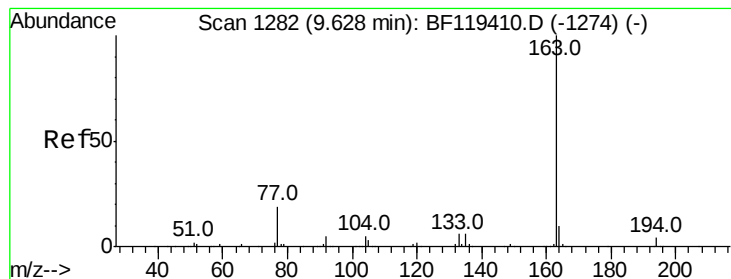
171 36.1 29.6 44.4

170 24.7 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





#50

Dimethylphthalate

Concen: 4.016 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

Instrument :

BNA_F

ClientSampleId :

SB-4-(10-12)

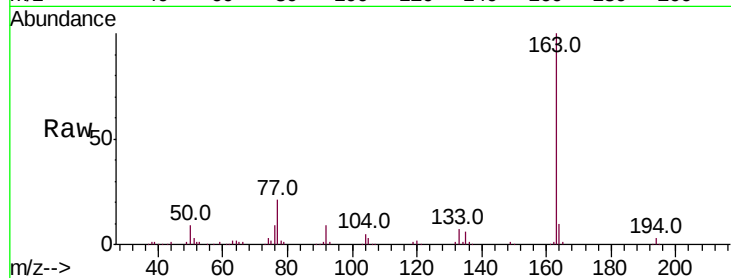
Tot Ion:163 Resp: 164606

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

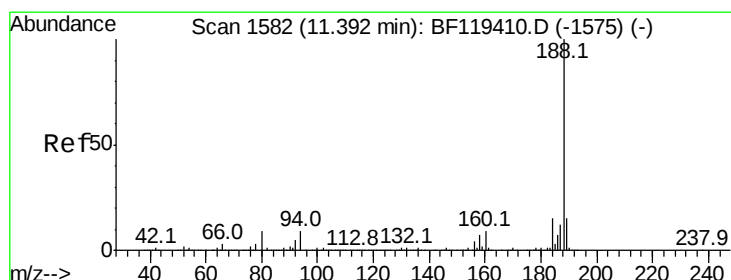
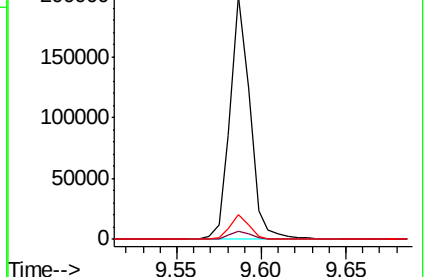
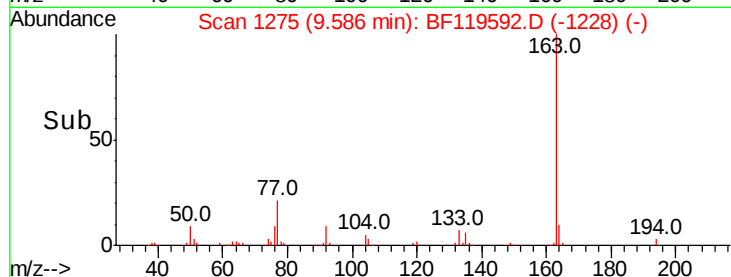
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

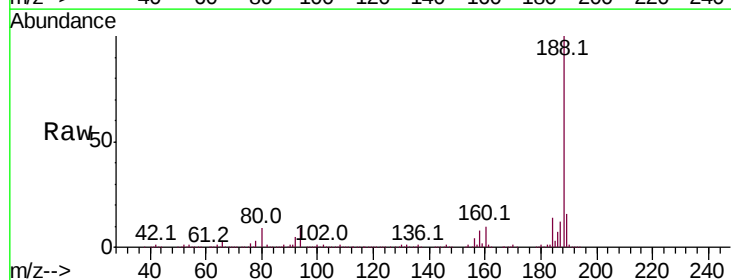
Tgt Ion:188 Resp: 1118544

Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

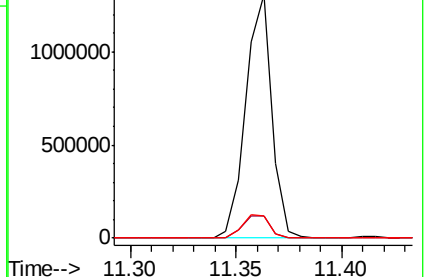
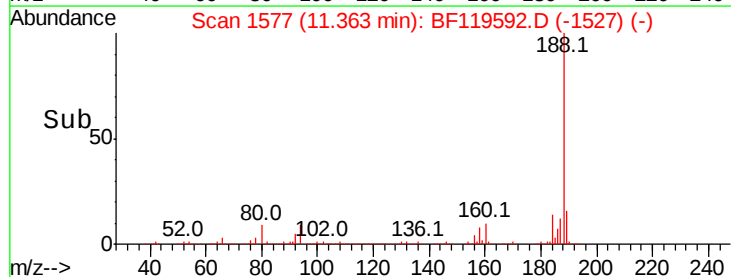
80 9.2 9.0 13.4

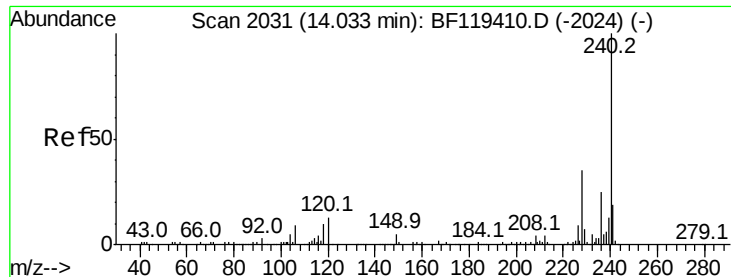


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

Instrument :

BNA_F

ClientSampleId :

SB-4-(10-12)

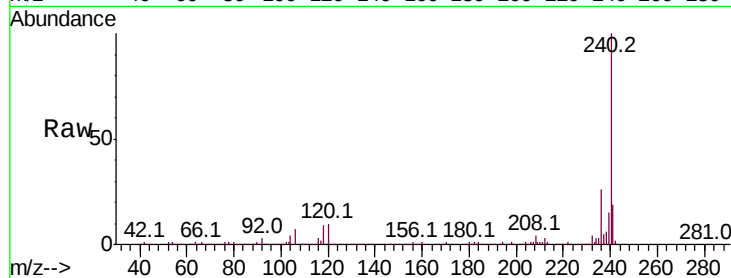
Tot Ion:240 Resp: 800496

Ion Ratio Lower Upper

240 100

120 10.3 10.6 15.8#

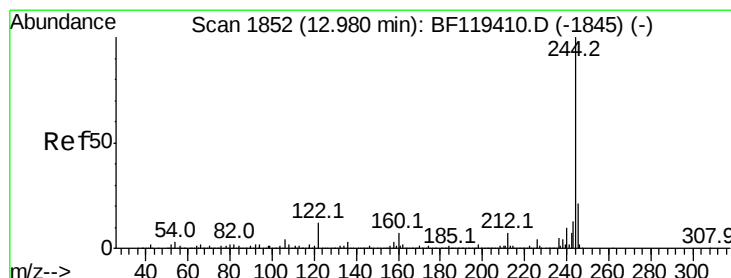
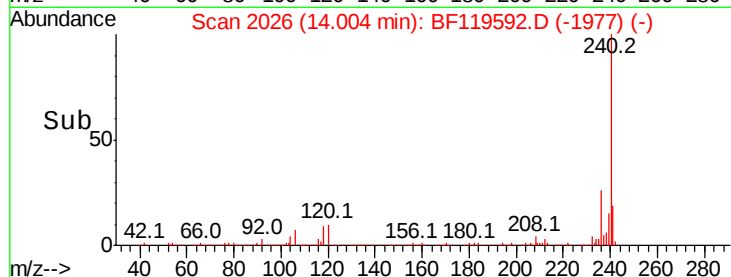
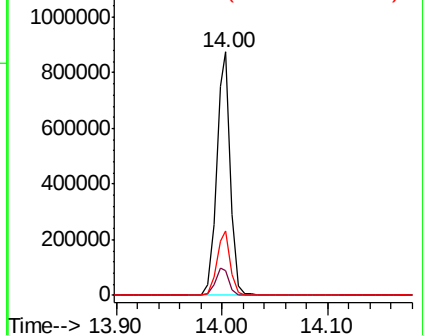
236 26.4 20.2 30.2



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: 58.525 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF119592.D

Acq: 28 Mar 2020 3:19

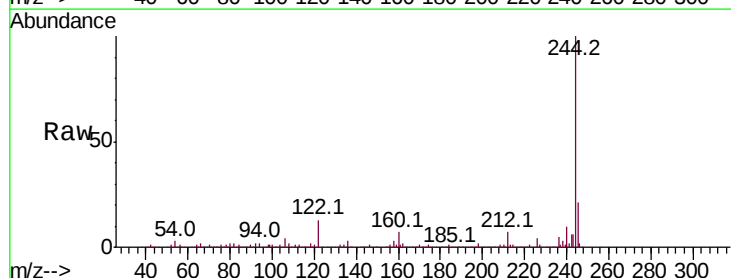
Tgt Ion:244 Resp: 2391223

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

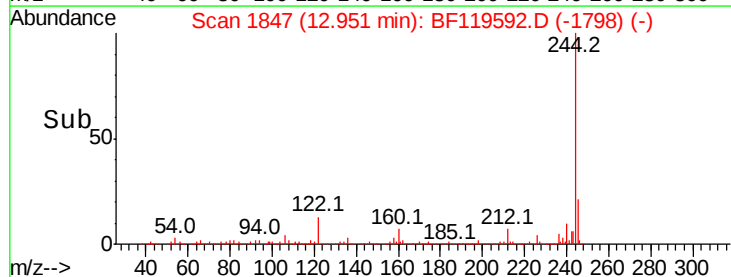
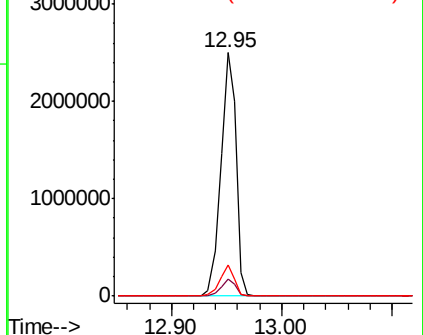
122 13.0 10.3 15.5

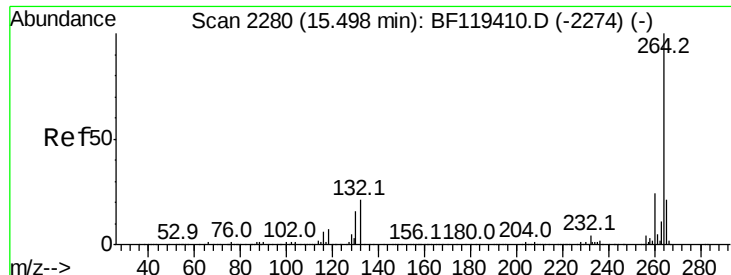


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

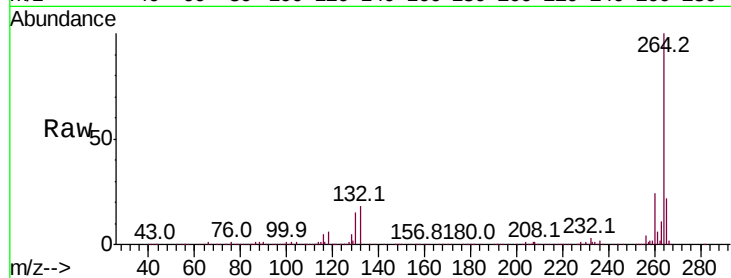




#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119592.D
Acq: 28 Mar 2020 3:19

Instrument :
BNA_F
ClientSampleId :
SB-4-(10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.9	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

