

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119602.D
 Acq On : 28 Mar 2020 7:48
 Operator : CG/JU
 Sample : L2053-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SA

Quant Time: Mar 29 22:53:57 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

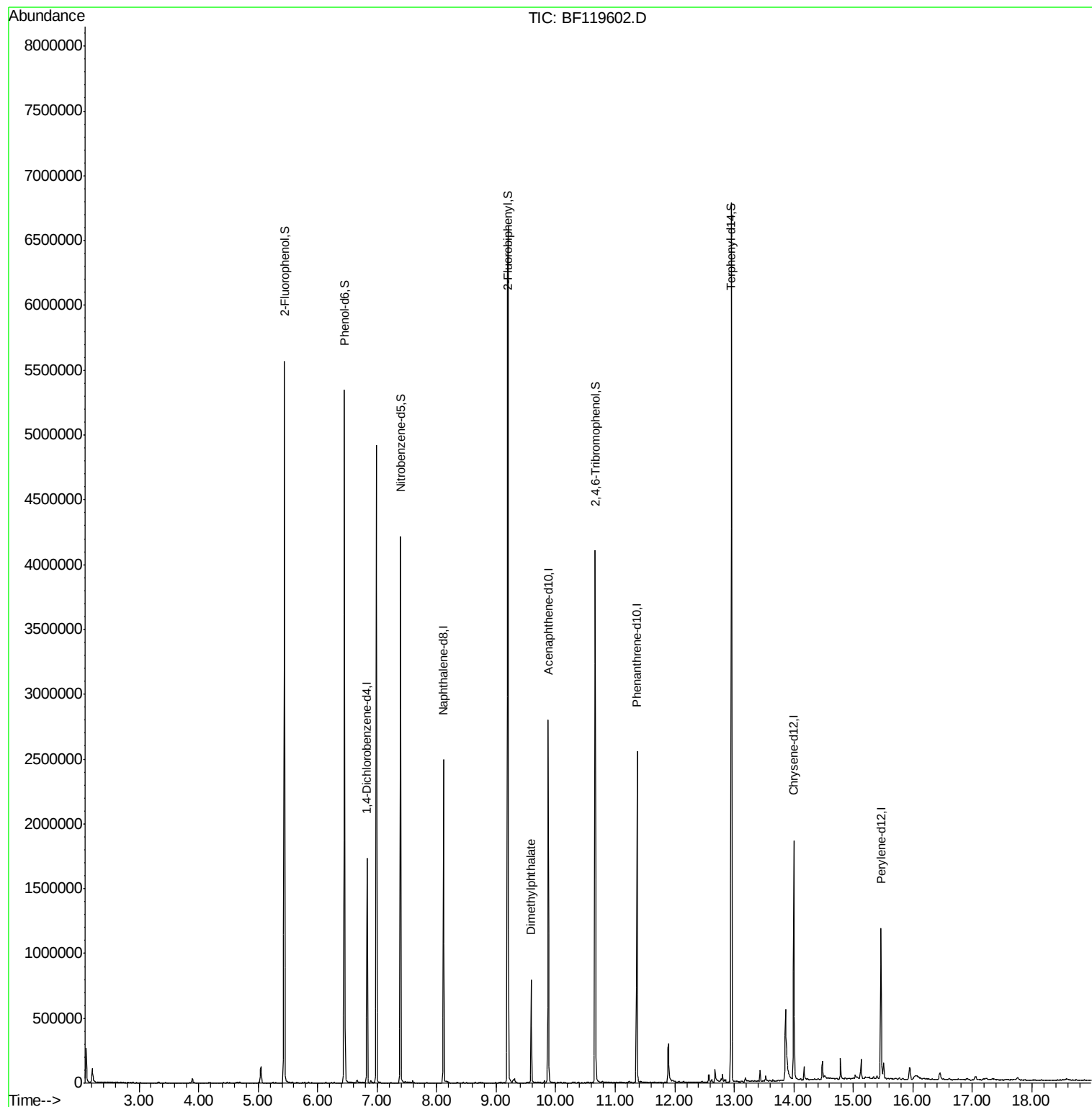
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	268305	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1046631	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	551570	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	961424	20.00	ng	0.00
76) Chrysene-d12	14.00	240	678432	20.00	ng	-0.01
87) Perylene-d12	15.46	264	547051	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1564656	92.83	ng	0.00
7) Phenol-d6	6.45	99	2021716	93.90	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1236879	64.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	495003	86.99	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2229144	59.87	ng	0.00
79) Terphenyl-d14	12.95	244	2361999	68.21	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	289129	7.380	ng	Qvalue 99

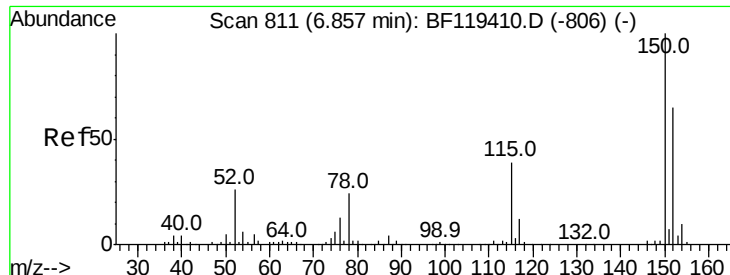
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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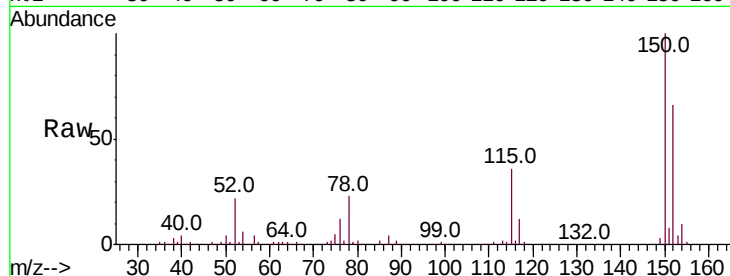


#1

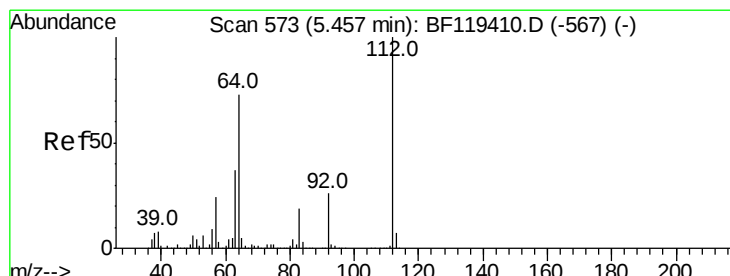
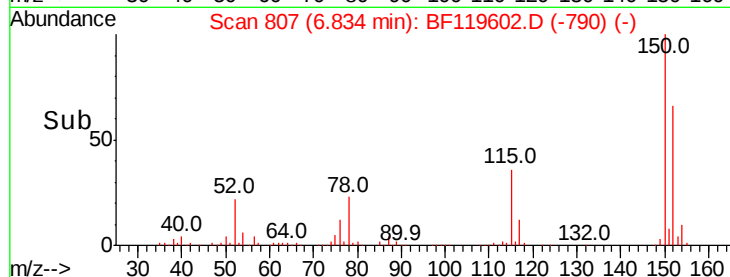
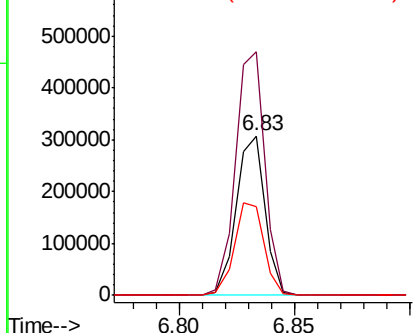
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF119602.D
Acq: 28 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
TP-15-SA

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.5	186.7
115	55.5	49.6	74.4



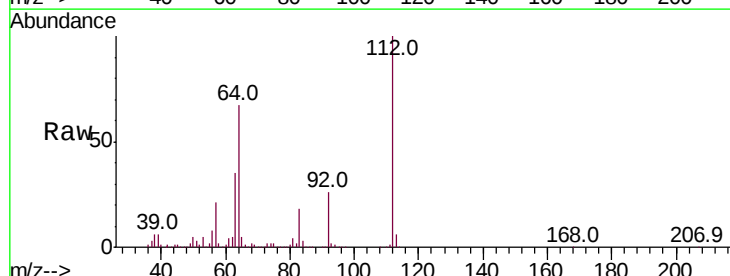
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



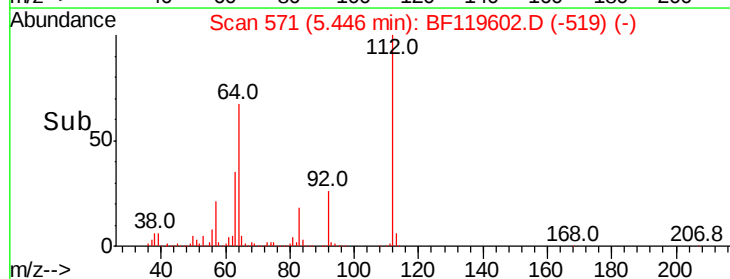
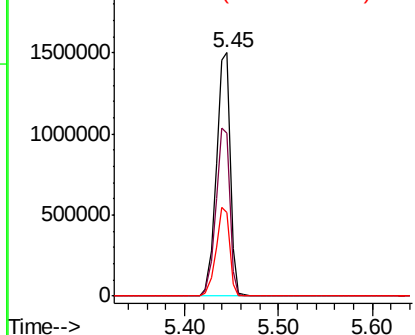
#5

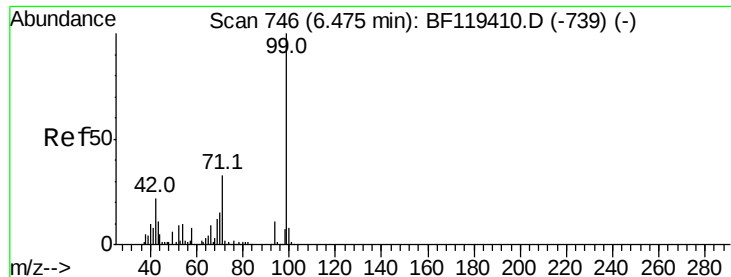
2-Fluorophenol
Concen: 92.834 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119602.D
Acq: 28 Mar 2020 7:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	56.7	85.1
63	34.6	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: 93.901 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF119602.D

Acq: 28 Mar 2020 7:48

Instrument :

BNA_F

ClientSampled :

TP-15-SA

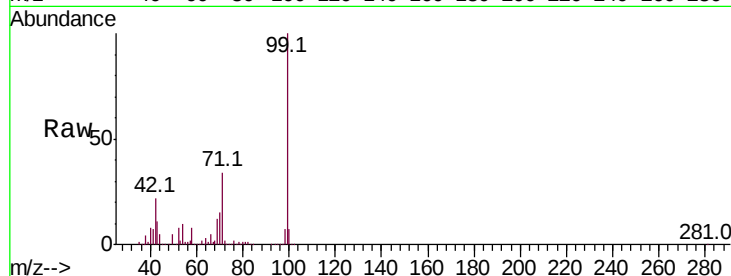
Tot Ion: 99 Resp: 2021716

Ion Ratio Lower Upper

99 100

42 21.5 16.6 24.8

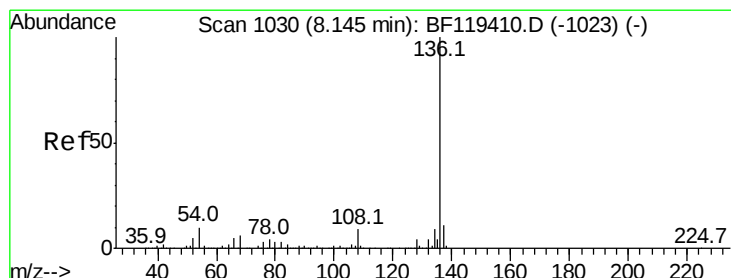
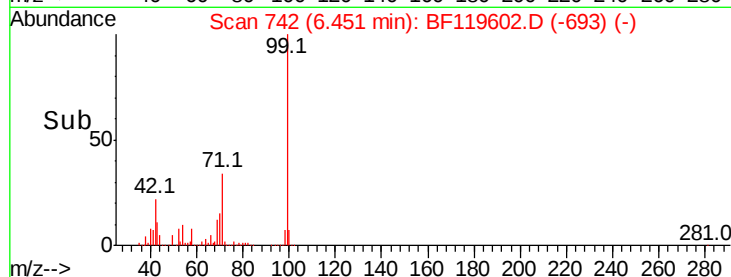
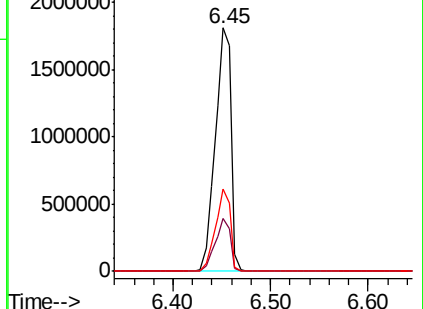
71 33.6 26.4 39.6



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: BF119602.D

Acq: 28 Mar 2020 7:48

Tgt Ion:136 Resp: 1046631

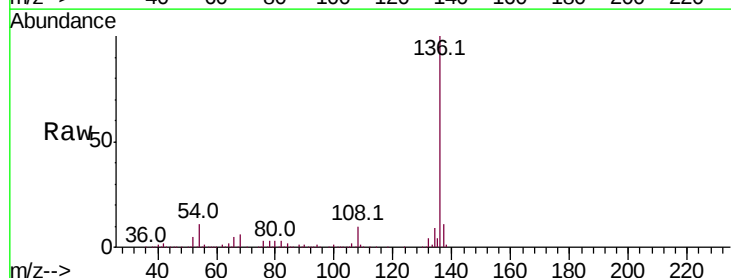
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.6 9.1 13.7

68 5.8 4.6 6.8

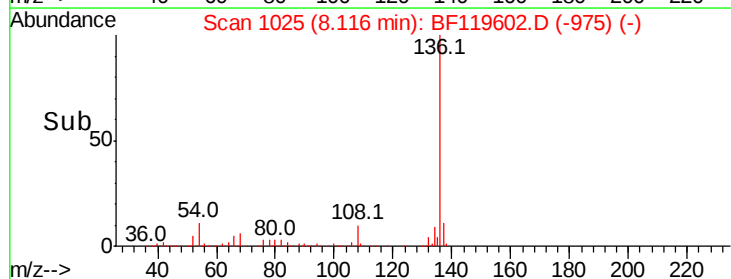
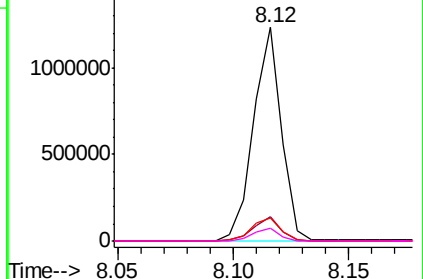


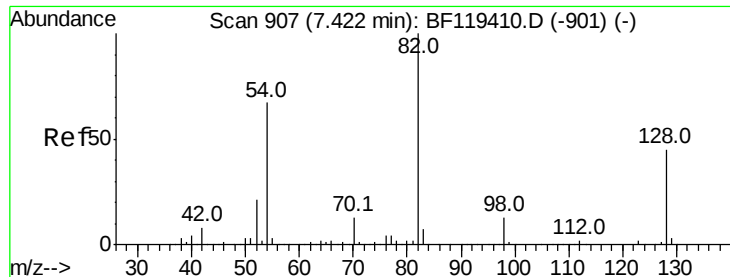
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 64.227 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF119602.D

Acq: 28 Mar 2020 7:48

Instrument :

BNA_F

ClientSampleId :

TP-15-SA

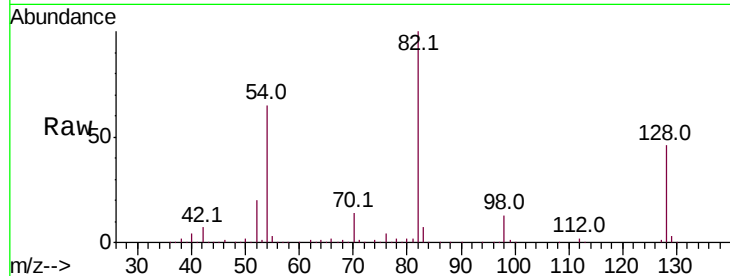
Tot Ion: 82 Resp: 1236879

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

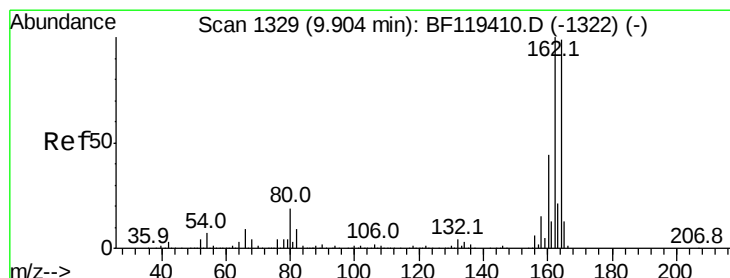
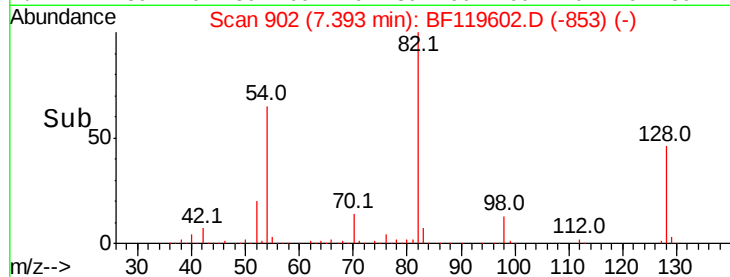
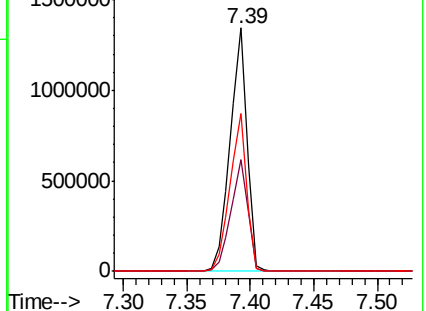
54 64.7 50.6 75.8



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119602.D

Acq: 28 Mar 2020 7:48

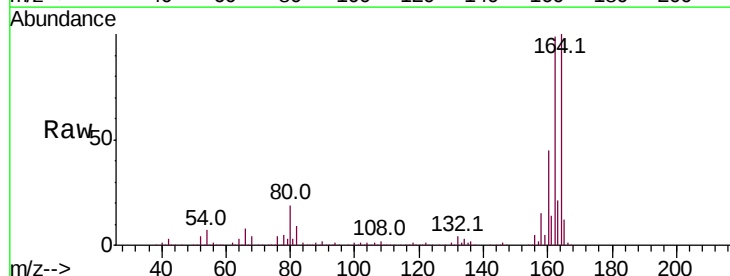
Tgt Ion: 164 Resp: 551570

Ion Ratio Lower Upper

164 100

162 99.3 80.6 121.0

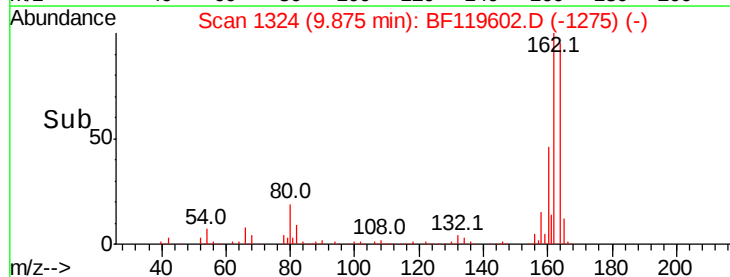
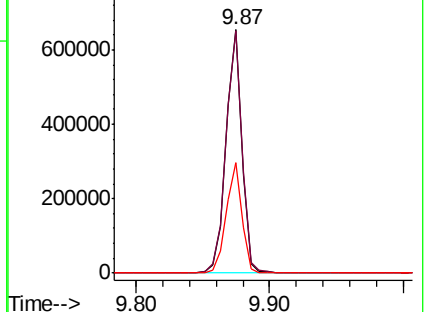
160 45.3 35.7 53.5

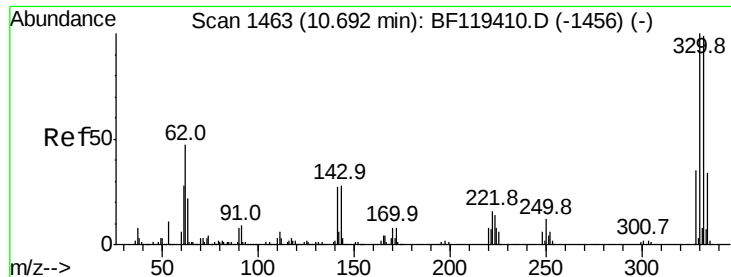


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

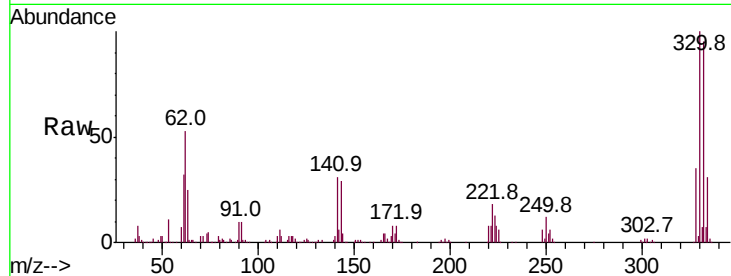




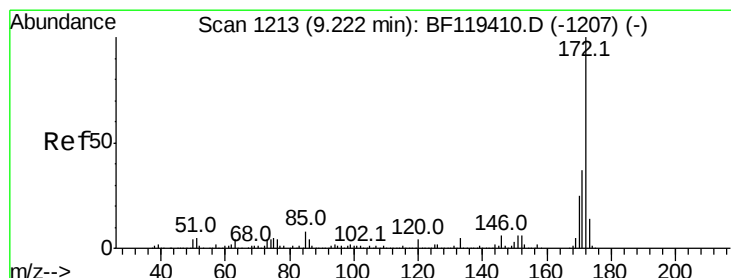
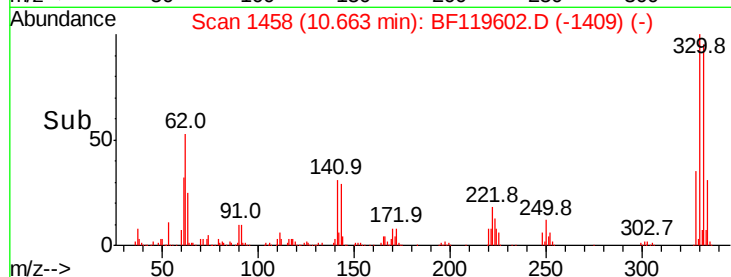
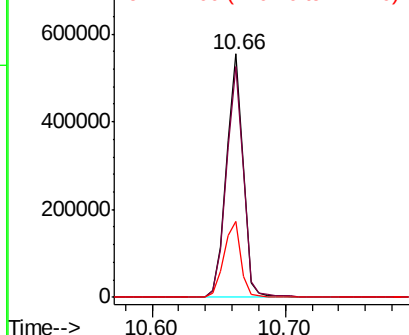
#42
 2,4,6-Tribromophenol
 Concen: 86.990 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119602.D
 Acq: 28 Mar 2020 7:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SA

Tot Ion:330 Resp: 495003
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.7 113.5
 141 31.8 25.4 38.0

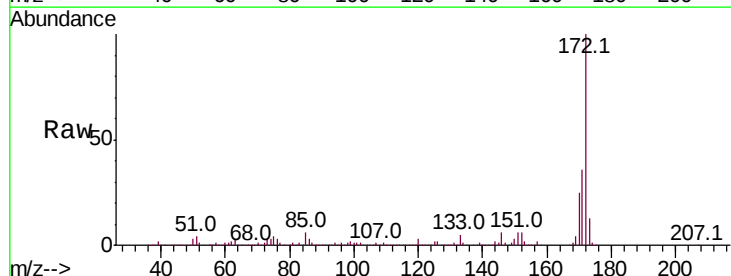


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

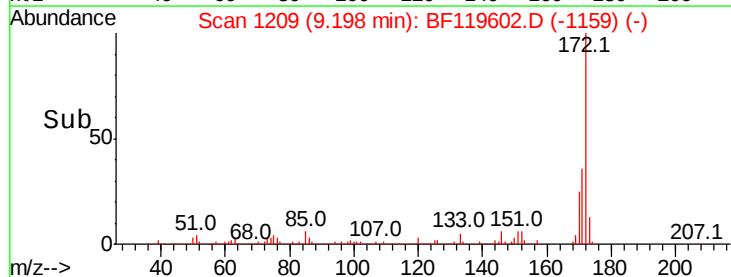
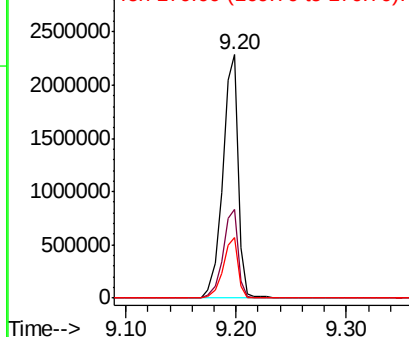


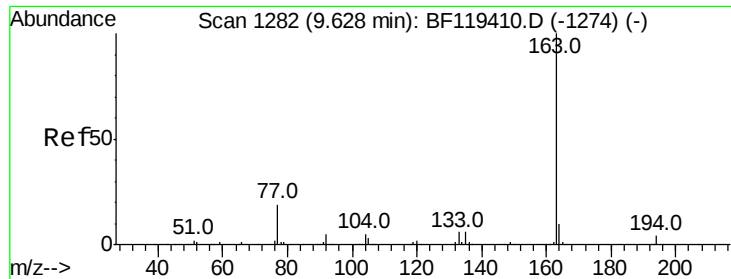
#45
 2-Fluorobiphenyl
 Concen: 59.873 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119602.D
 Acq: 28 Mar 2020 7:48

Tgt Ion:172 Resp: 2229144
 Ion Ratio Lower Upper
 172 100
 171 36.3 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

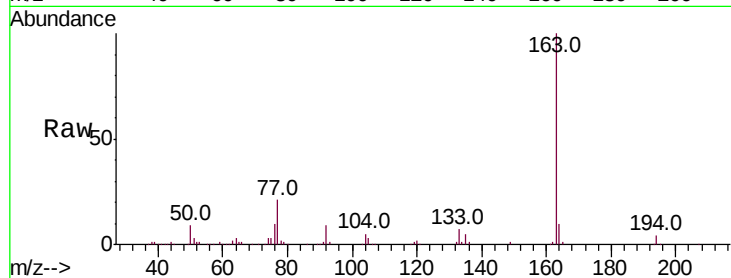




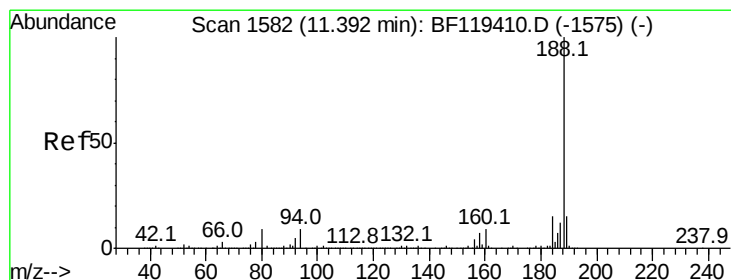
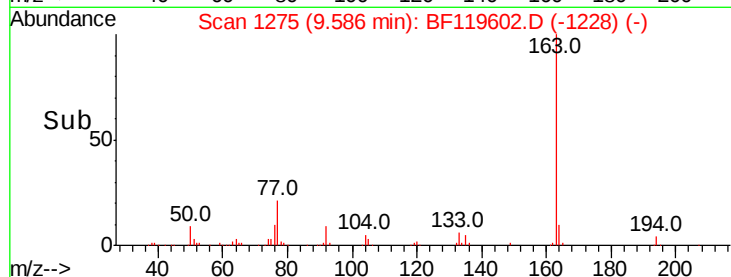
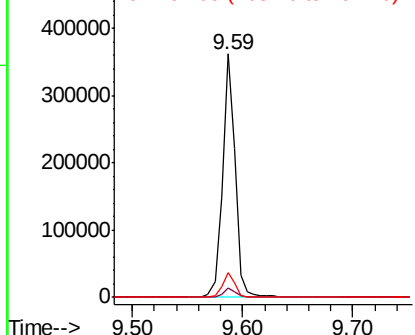
#50
Dimethylphthalate
Concen: 7.380 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119602.D
Acq: 28 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
TP-15-SA

Tot Ion:163	Resp:	289129
Ion Ratio	Lower	Upper
163	100	
194	3.7	3.1 4.7
164	10.4	8.2 12.2

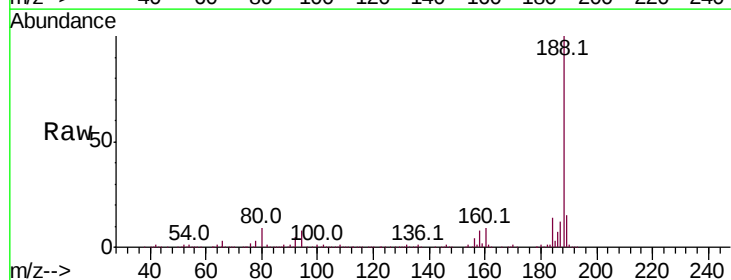


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

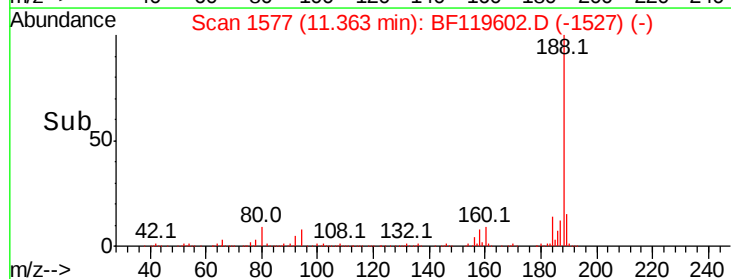
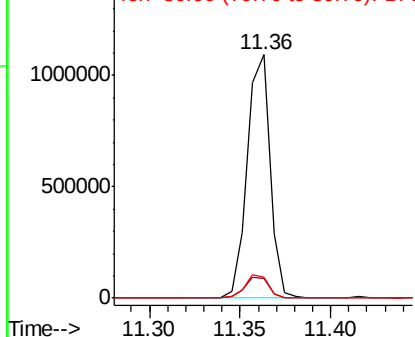


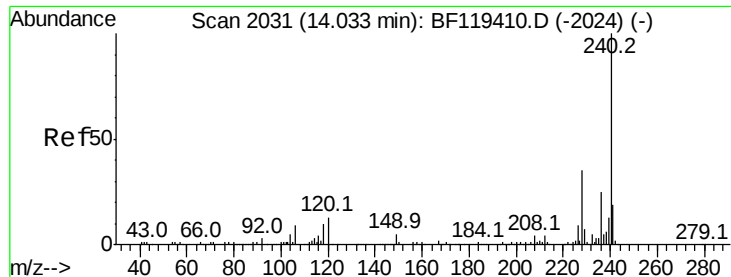
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119602.D
Acq: 28 Mar 2020 7:48

Tgt Ion:188	Resp:	961424
Ion Ratio	Lower	Upper
188	100	
94	8.1	7.5 11.3
80	8.7	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

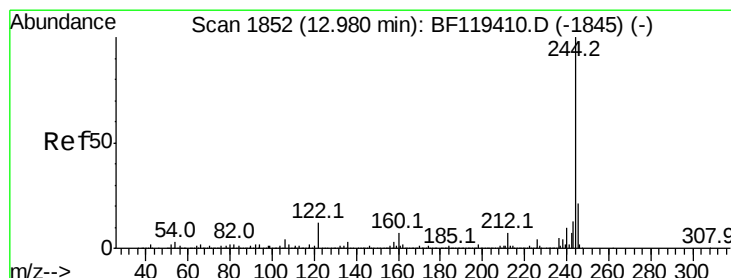
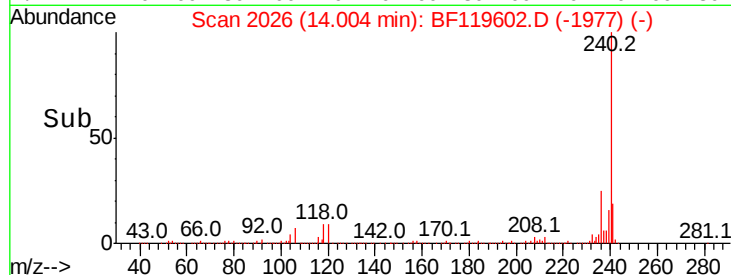
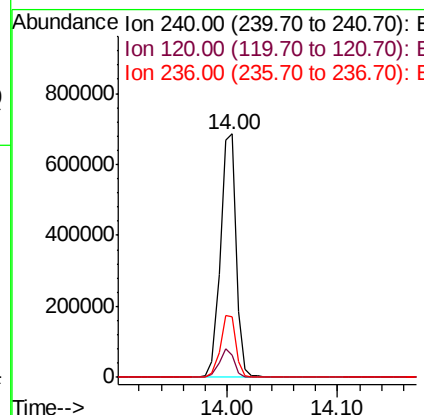
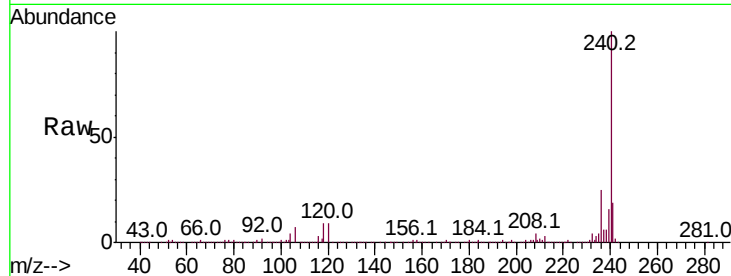




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119602.D
 Acq: 28 Mar 2020 7:48

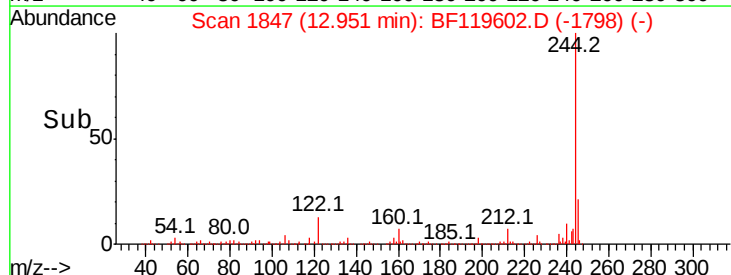
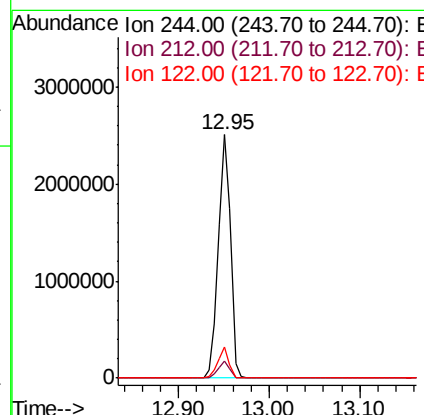
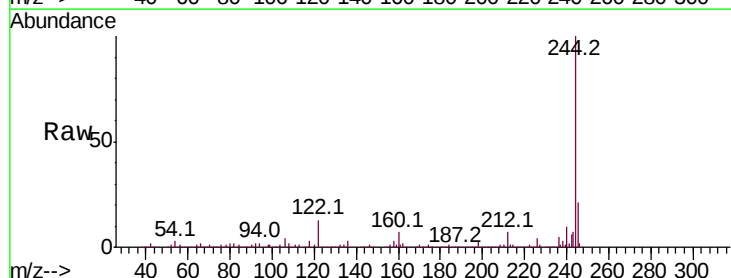
Instrument :
 BNA_F
 ClientSampleId :
 TP-15-SA

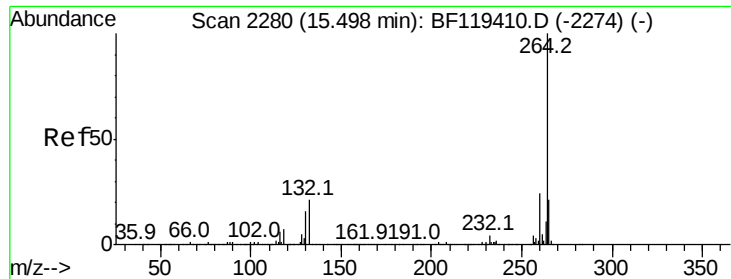
Tot Ion:240 Resp: 678432
 Ion Ratio Lower Upper
 240 100
 120 9.3 10.6 15.8#
 236 25.1 20.2 30.2



#79
 Terphenyl-d14
 Concen: 68.211 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF119602.D
 Acq: 28 Mar 2020 7:48

Tgt Ion:244 Resp: 2361999
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.7 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119602.D
Acq: 28 Mar 2020 7:48

Instrument :
BNA_F
ClientSampleId :
TP-15-SA

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.7	17.7	26.5

