

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119782.D
 Acq On : 6 Apr 2020 20:49
 Operator : MA/SJ
 Sample : L2146-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

Quant Time: Apr 07 00:29:04 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

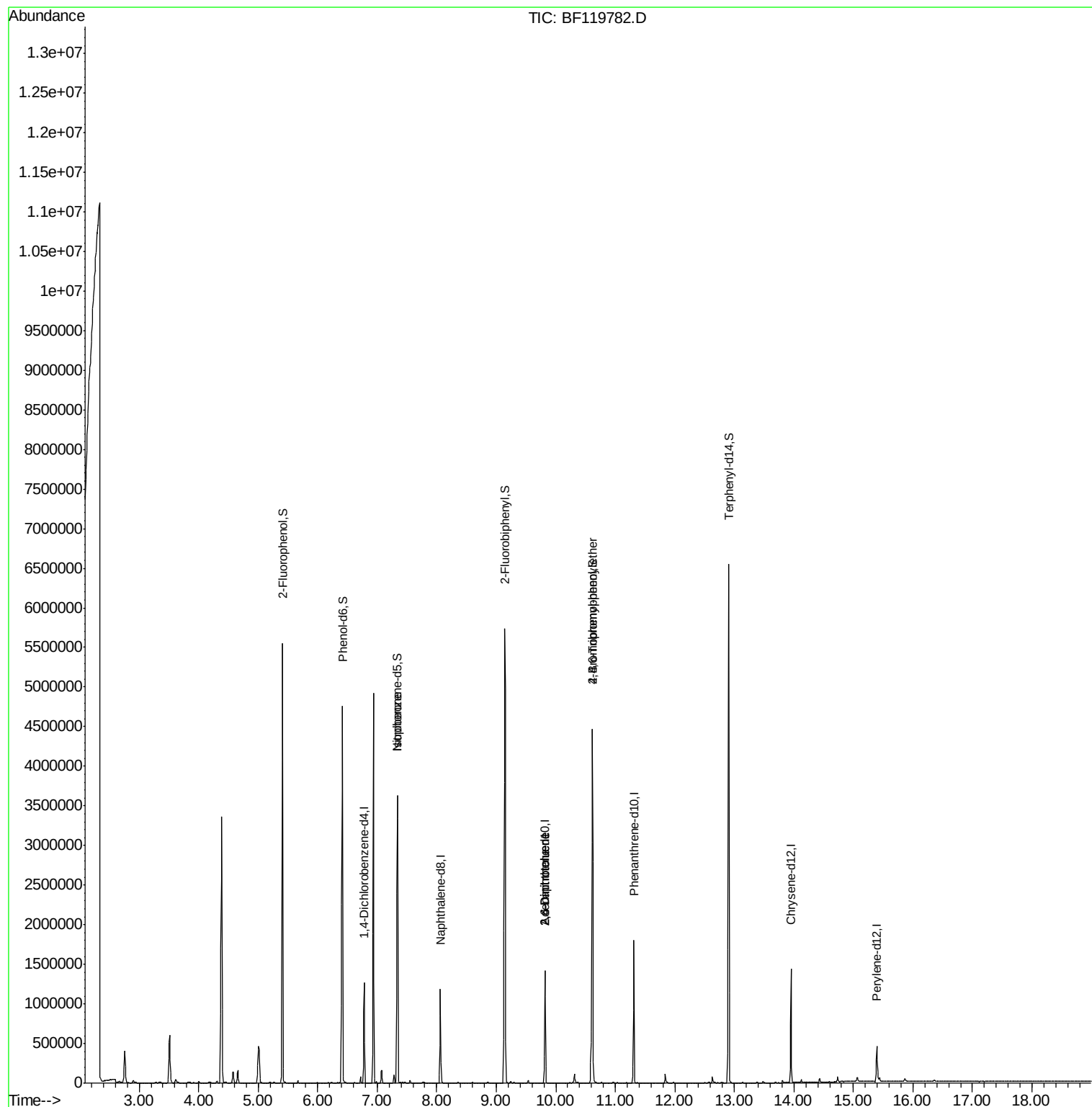
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	180803	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	684627	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	305004	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	663948	20.00	ng	0.00
76) Chrysene-d12	13.95	240	440492	20.00	ng	0.00
87) Perylene-d12	15.39	264	154628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1536960	135.32	ng	0.02
7) Phenol-d6	6.42	99	1622017	111.80	ng	0.00
23) Nitrobenzene-d5	7.34	82	1292069	102.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	639698	203.30	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2492817	121.08	ng	0.00
79) Terphenyl-d14	12.91	244	2675343	118.99	ng	0.00
Target Compounds						
25) Isophorone	7.34	82	1292051	50.56	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	39111	8.42	ng	# 27
57) 2,4-Dinitrotoluene	9.82	165	39111	6.69	ng	# 21
67) 4-Bromophenyl-phenylether	10.62	248	38526	5.10	ng	# 1

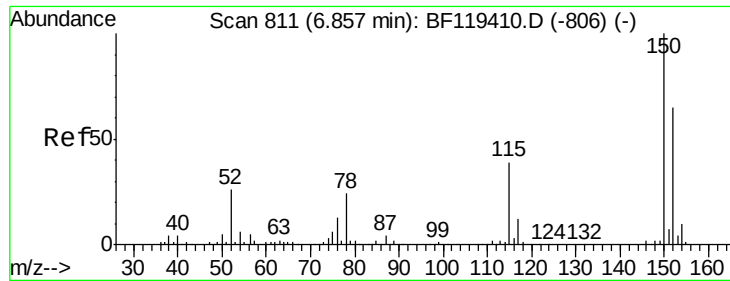
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
Data File : BF119782.D
Acq On : 6 Apr 2020 20:49
Operator : MA/SJ
Sample : L2146-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

Quant Time: Apr 07 00:29:04 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



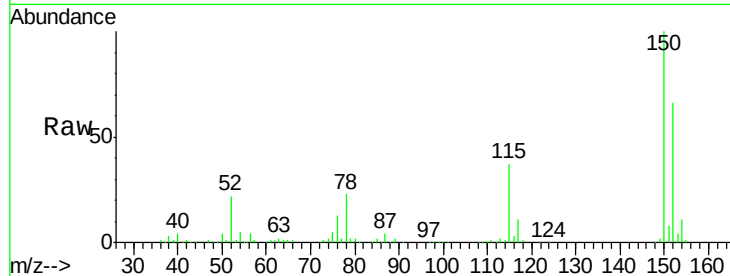


#1

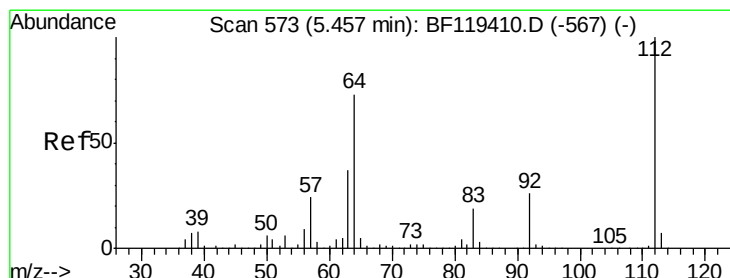
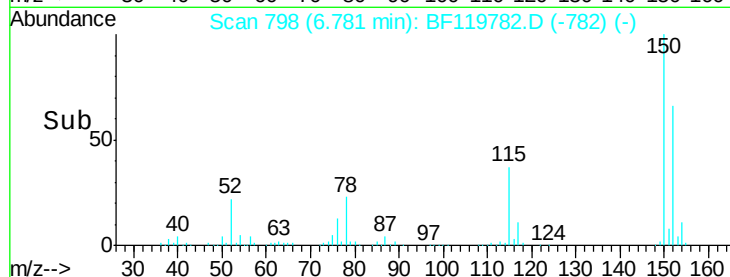
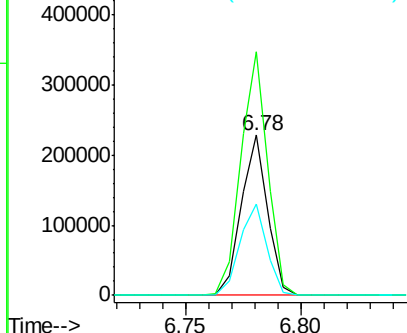
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119782.D
Acq: 6 Apr 2020 20:49

Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

Tgt Ion:152 Resp: 180803
Ion Ratio Lower Upper
152 100
150 152.1 124.5 186.7
115 56.9 49.6 74.4



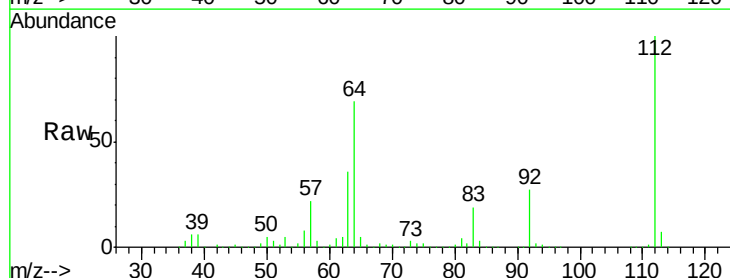
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



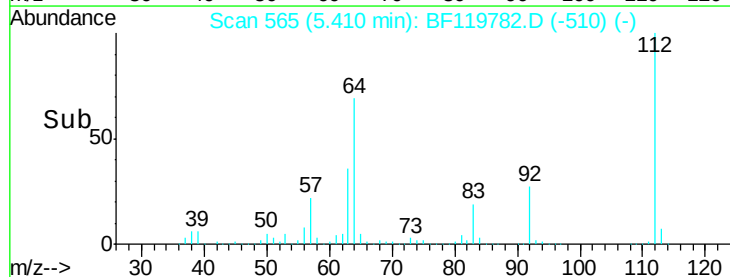
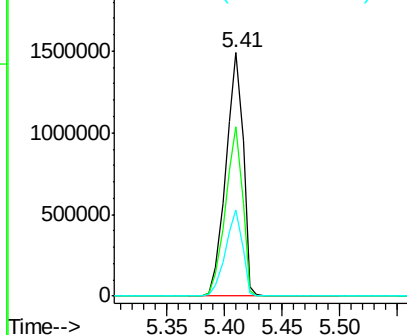
#5

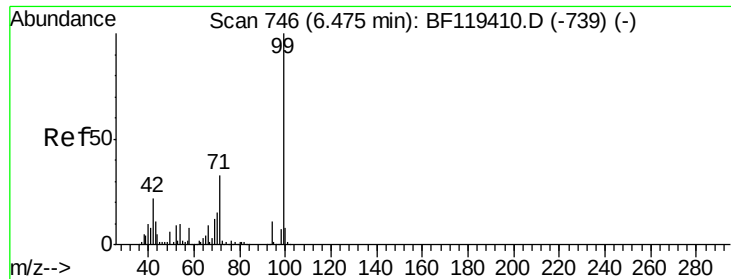
2-Fluorophenol
Concen: 135.32 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF119782.D
Acq: 6 Apr 2020 20:49

Tgt Ion:112 Resp: 1536960
Ion Ratio Lower Upper
112 100
64 69.5 56.7 85.1
63 35.6 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: 111.80 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119782.D

Acq: 6 Apr 2020 20:49

Instrument :

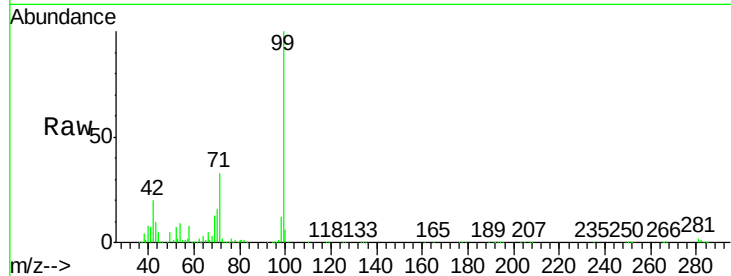
BNA_F

ClientSampleId :

TP-67-66-COMP

Tgt Ion: 99 Resp: 1622017

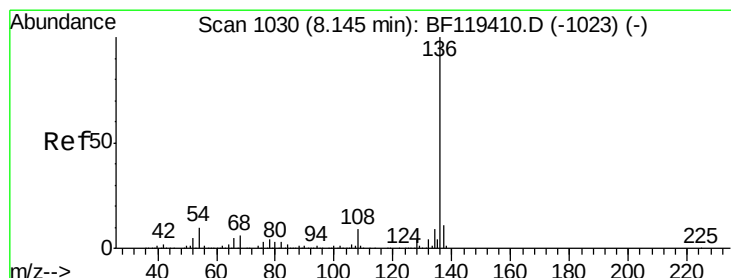
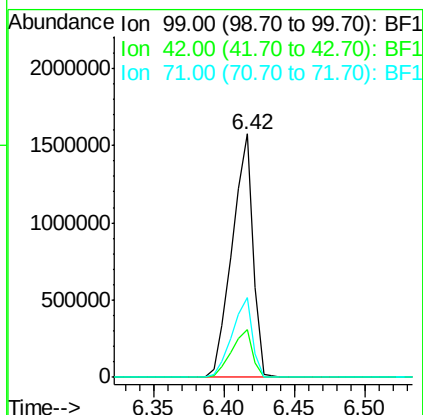
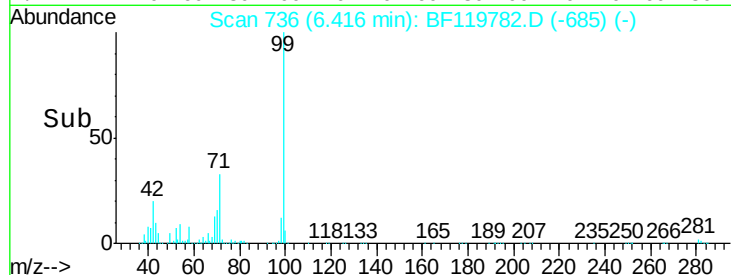
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.6	24.8
71	32.8	26.4	39.6



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: 20.00 ng

RT: 8.06 min Scan# 1016

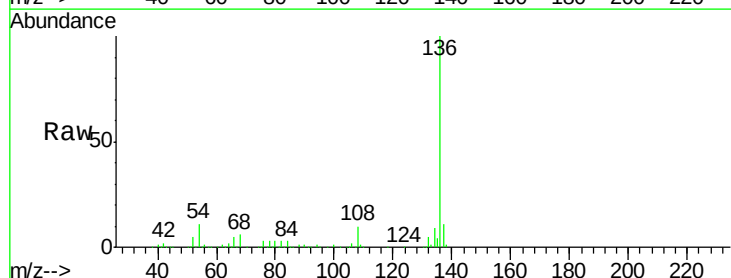
Delta R.T. -0.01 min

Lab File: BF119782.D

Acq: 6 Apr 2020 20:49

Tgt Ion: 136 Resp: 684627

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	10.6	9.1	13.7
68	5.8	4.6	6.8

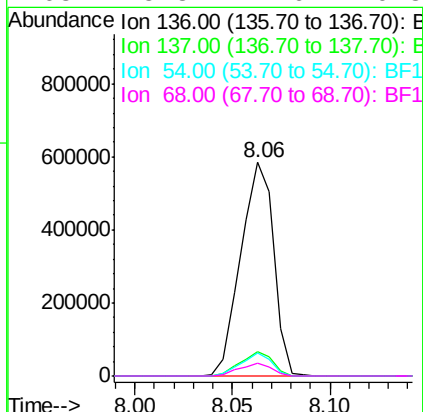
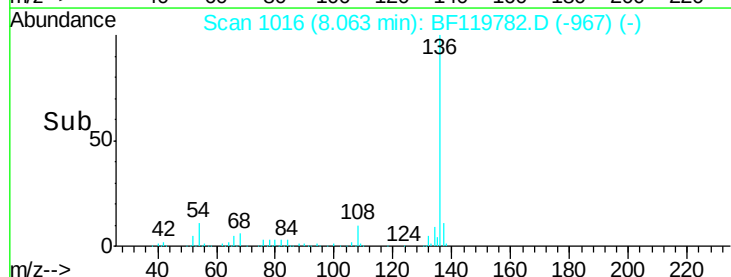


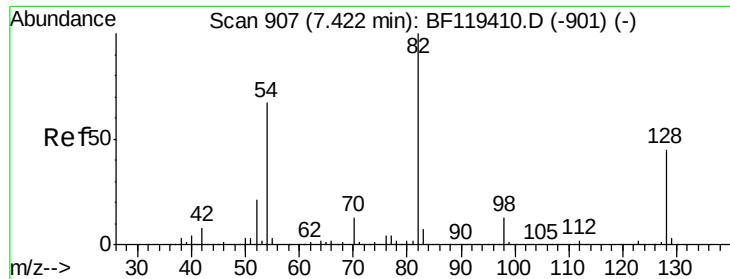
Abundance Ion 136.00 (135.70 to 136.70): E

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

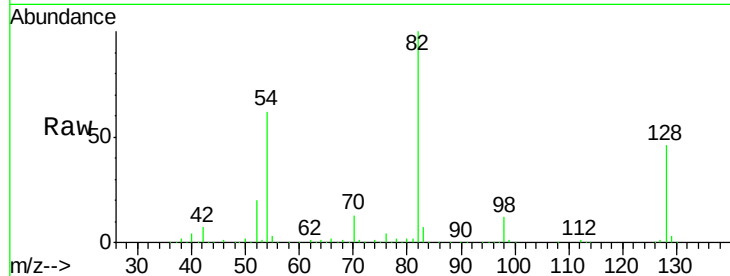




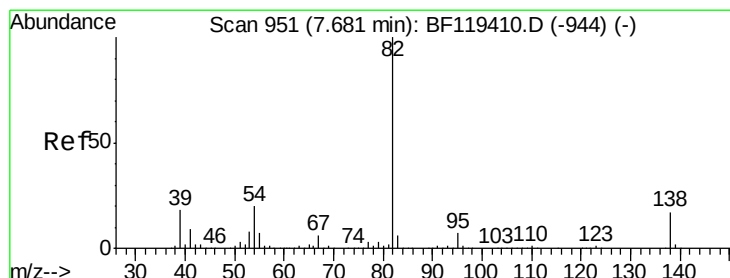
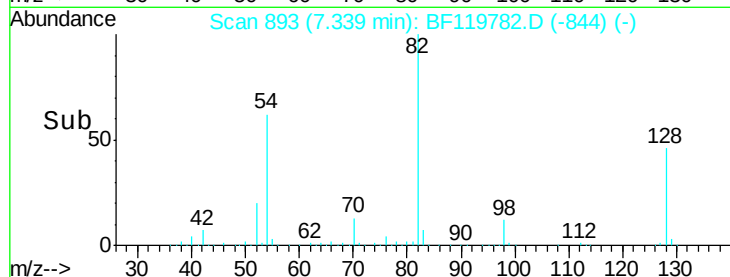
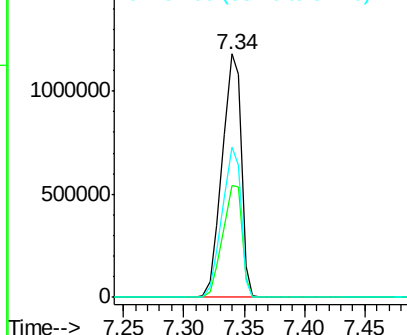
#23
Nitrobenzene-d5
Concen: 102.57 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF119782.D
Acq: 6 Apr 2020 20:49

Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

Tgt Ion: 82 Resp: 1292069
Ion Ratio Lower Upper
82 100
128 45.7 36.3 54.5
54 61.6 50.6 75.8

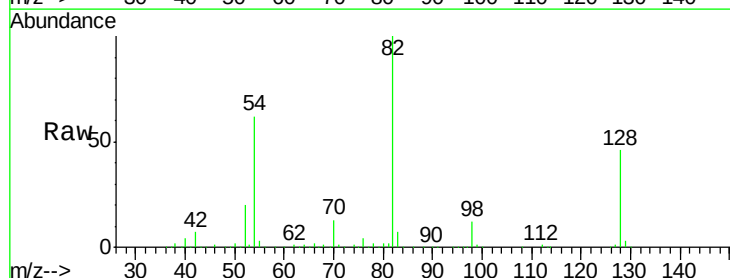


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

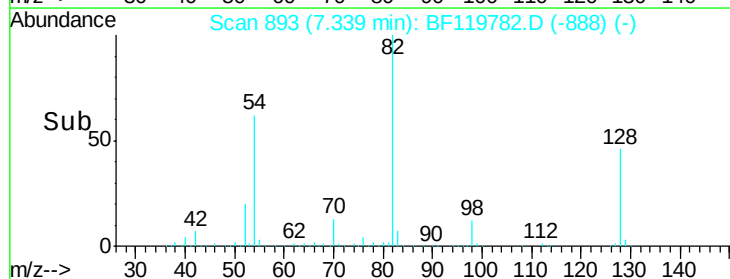
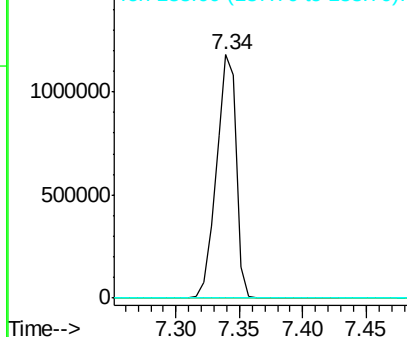


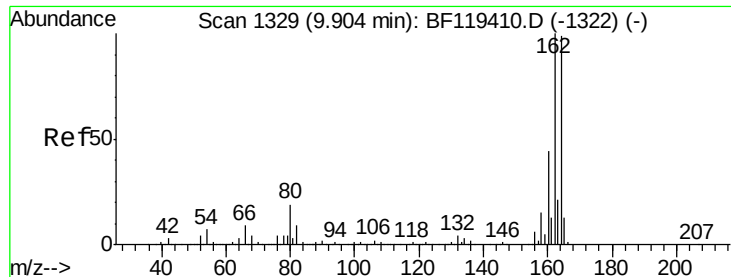
#25
Isophorone
Concen: 50.56 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.27 min
Lab File: BF119782.D
Acq: 6 Apr 2020 20:49

Tgt Ion: 82 Resp: 1292051
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

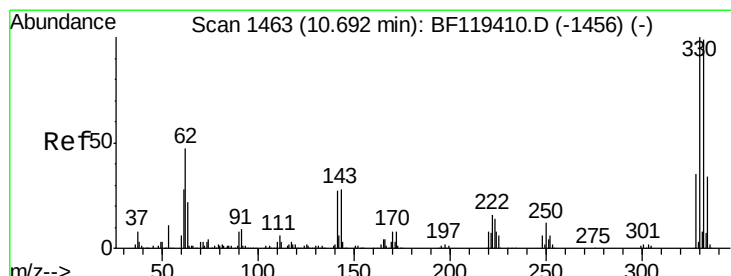
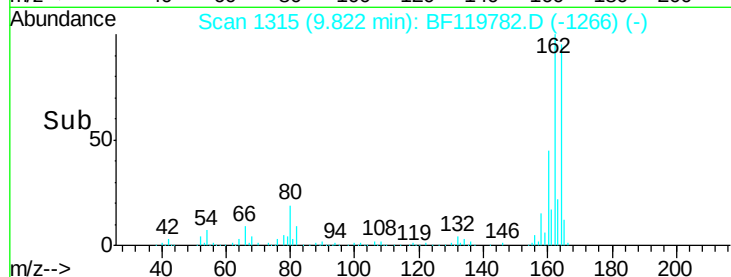
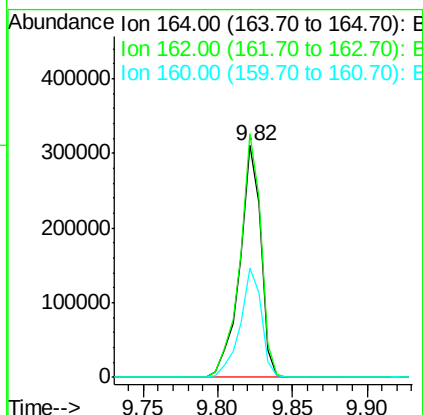
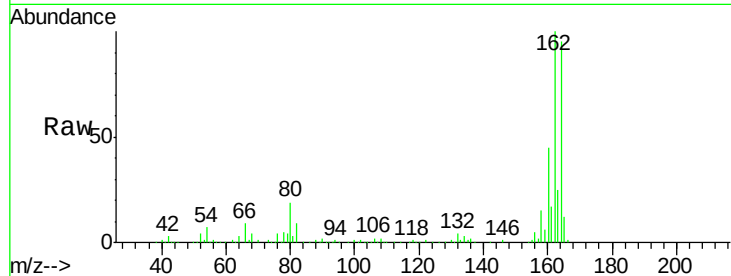




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119782.D
Acq: 6 Apr 2020 20:49

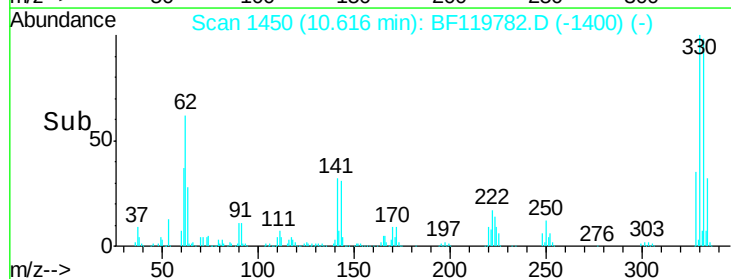
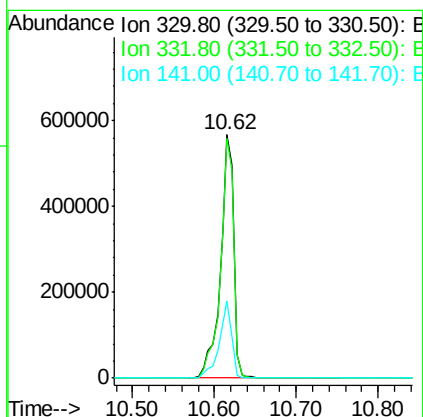
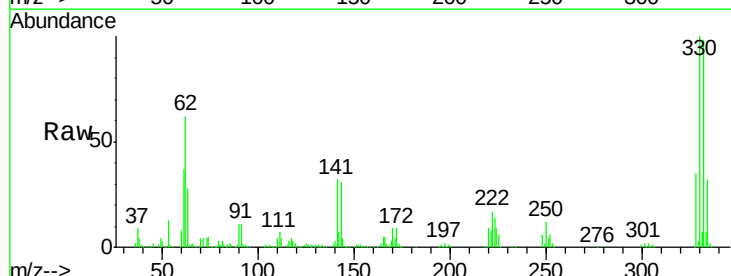
Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

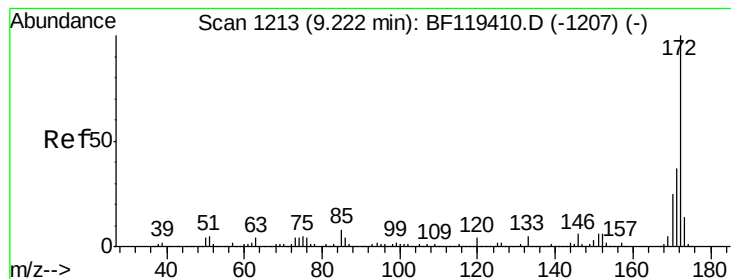
Tgt Ion:164 Resp: 305004
Ion Ratio Lower Upper
164 100
162 105.1 80.6 121.0
160 47.3 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 203.30 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF119782.D
Acq: 6 Apr 2020 20:49

Tgt Ion:330 Resp: 639698
Ion Ratio Lower Upper
330 100
332 97.7 75.7 113.5
141 30.2 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 121.08 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF119782.D

Acq: 6 Apr 2020 20:49

Instrument :

BNA_F

ClientSampleId :

TP-67-66-COMP

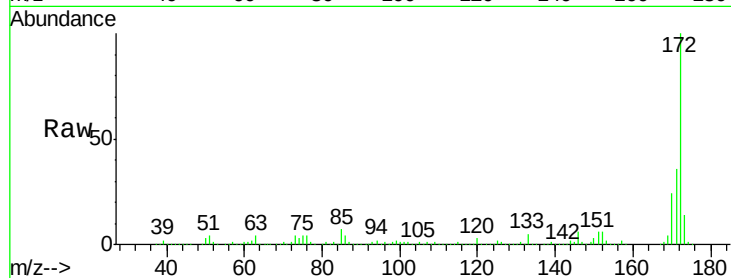
Tgt Ion:172 Resp: 2492817

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

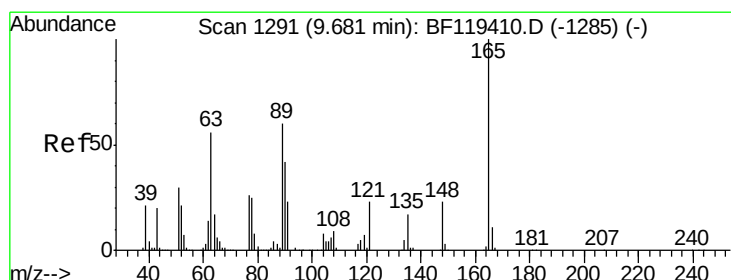
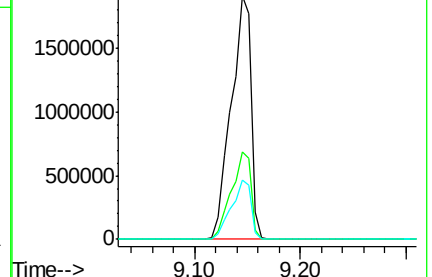
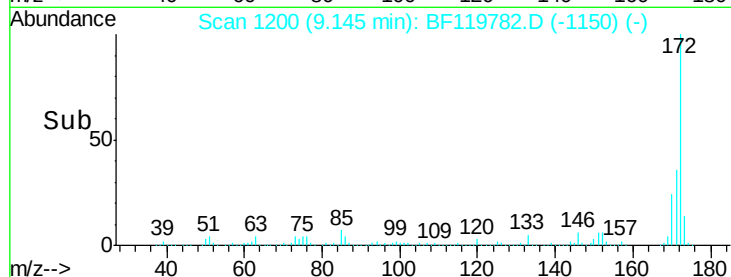
170 24.5 20.2 30.2



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



#51

2,6-Dinitrotoluene

Concen: 8.42 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF119782.D

Acq: 6 Apr 2020 20:49

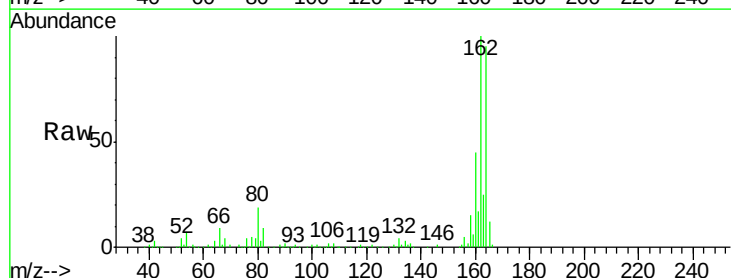
Tgt Ion:165 Resp: 39111

Ion Ratio Lower Upper

165 100

63 2.3 45.0 67.4#

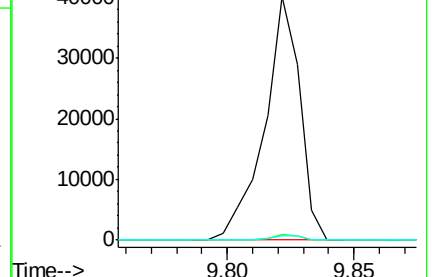
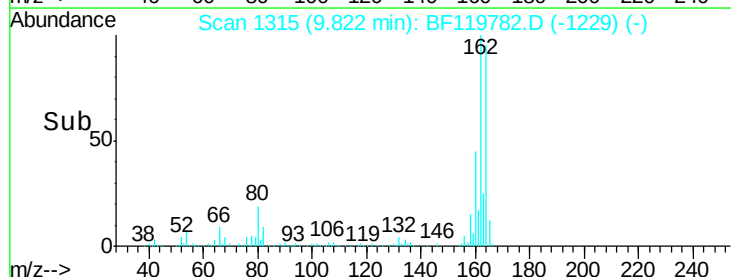
89 1.7 41.5 62.3#

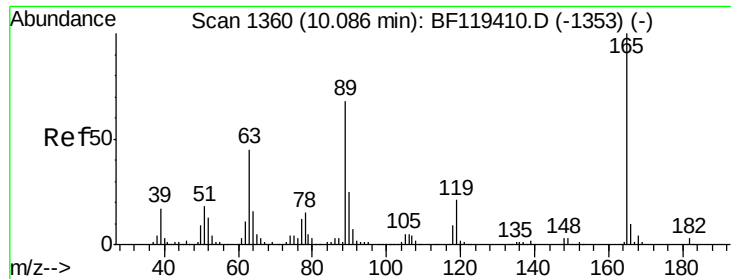


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

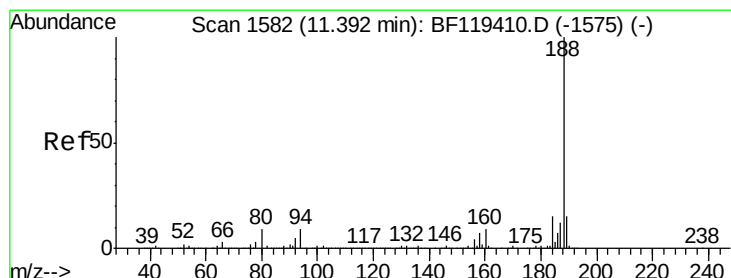
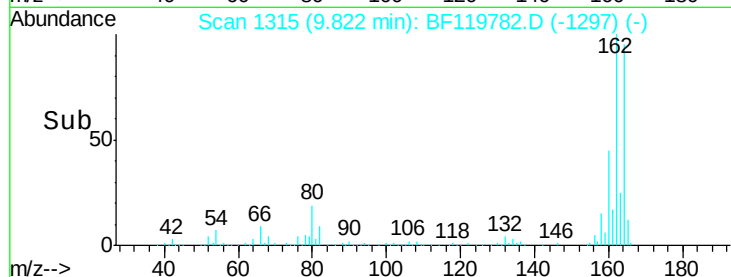
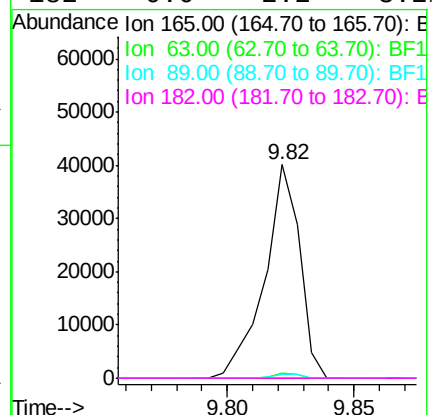
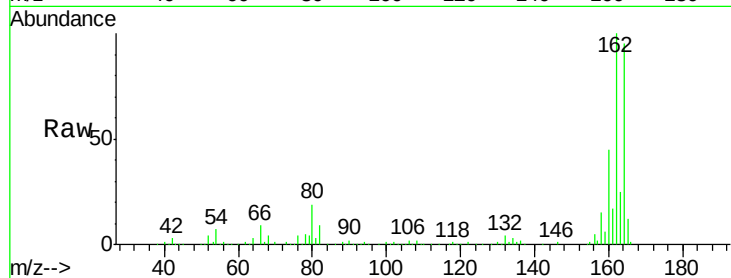




#57
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF119782.D
Acq: 6 Apr 2020 20:49

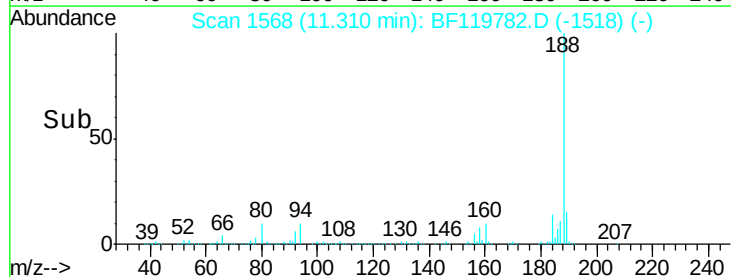
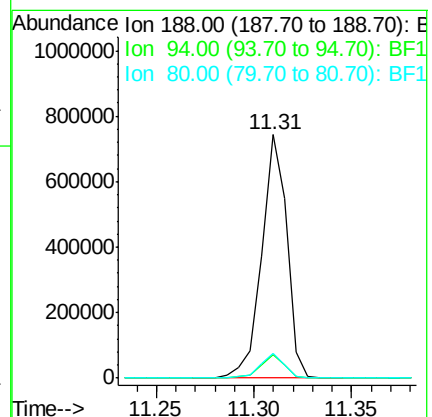
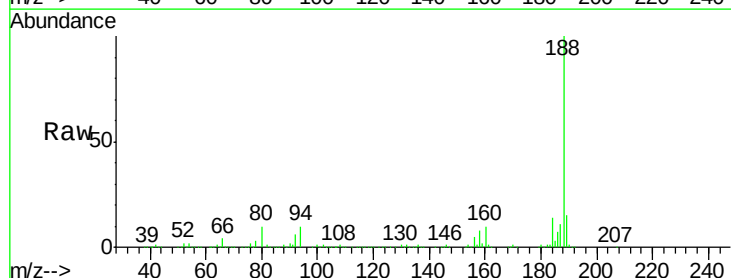
Instrument :
BNA_F
ClientSampleId :
TP-67-66-COMP

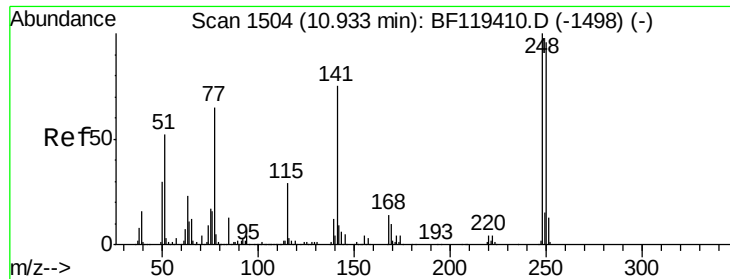
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	42.6	64.0#
89	1.7	61.0	91.4#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119782.D
Acq: 6 Apr 2020 20:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.5	11.3
80	9.9	9.0	13.4

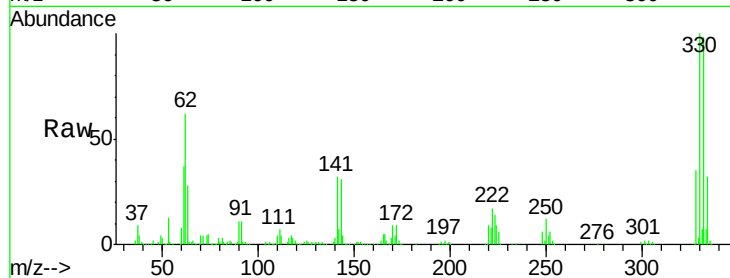




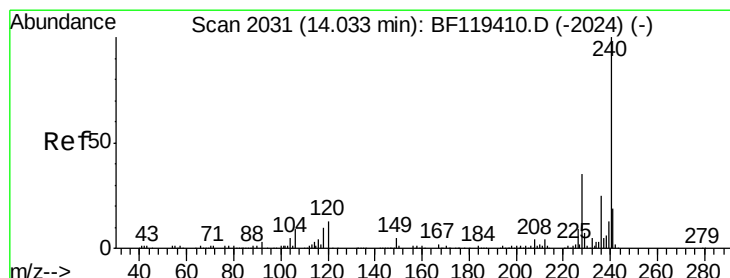
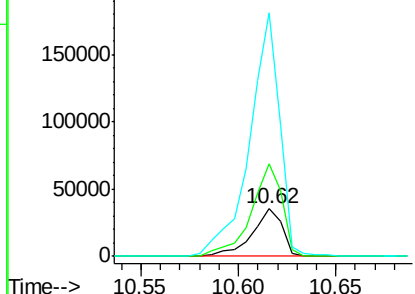
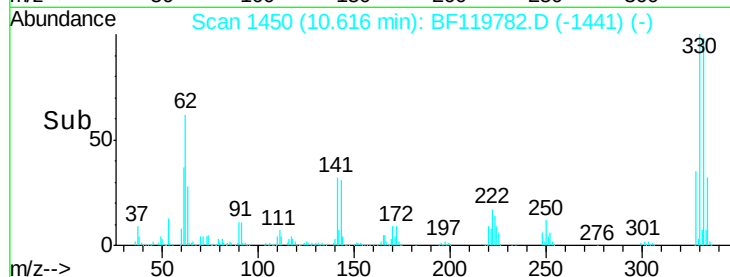
#67
 4-Bromophenyl-phenylether
 Concen: 5.10 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119782.D
 Acq: 6 Apr 2020 20:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-67-66-COMP

Tgt Ion:248 Resp: 38526
 Ion Ratio Lower Upper
 248 100
 250 193.4 77.3 115.9#
 141 512.0 58.6 87.8#

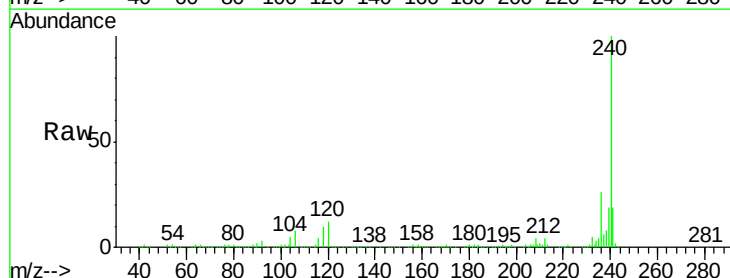


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

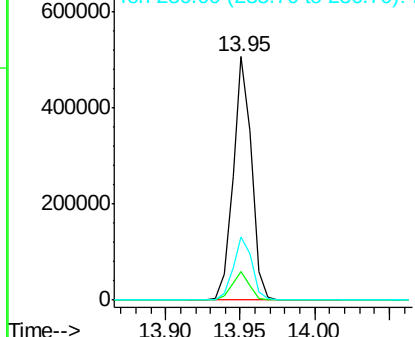
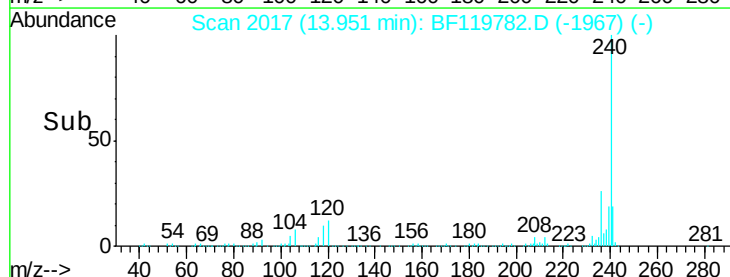


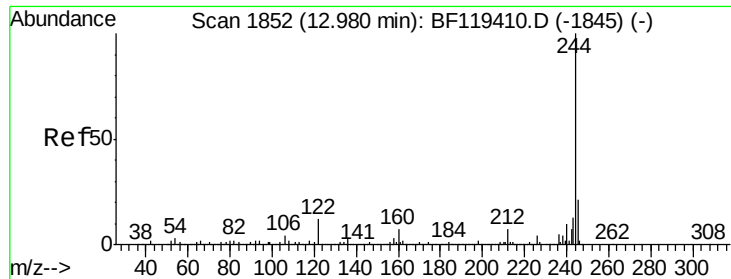
#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF119782.D
 Acq: 6 Apr 2020 20:49

Tgt Ion:240 Resp: 440492
 Ion Ratio Lower Upper
 240 100
 120 11.5 10.6 15.8
 236 26.0 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: 118.99 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119782.D

Acq: 6 Apr 2020 20:49

Instrument :

BNA_F

ClientSampleId :

TP-67-66-COMP

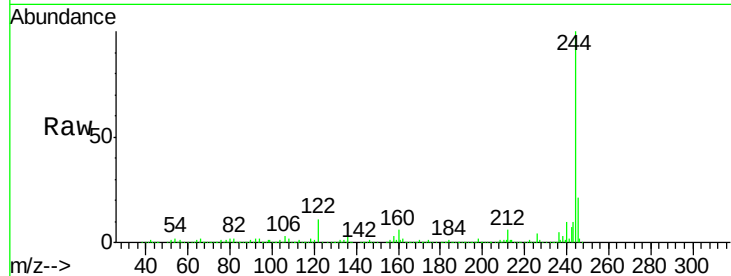
Tgt Ion:244 Resp: 2675343

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

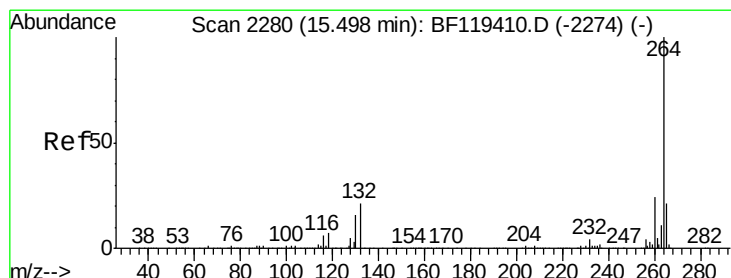
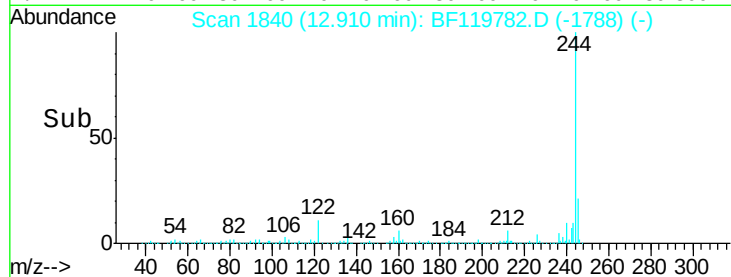
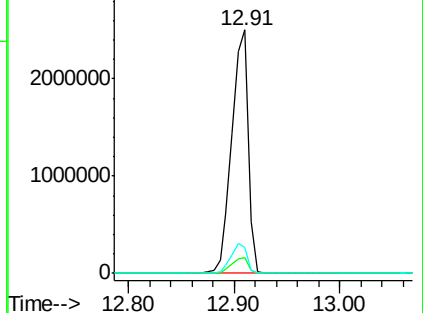
122 10.9 10.3 15.5



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: 20.00 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF119782.D

Acq: 6 Apr 2020 20:49

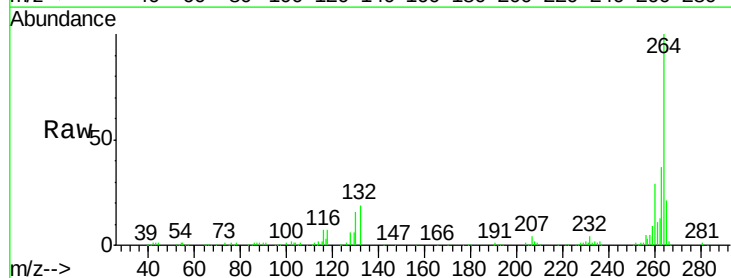
Tgt Ion:264 Resp: 154628

Ion Ratio Lower Upper

264 100

260 28.6 18.7 28.1#

265 20.7 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

