

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119791.D
 Acq On : 7 Apr 2020 00:52
 Operator : MA/SJ
 Sample : L2129-39
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Apr 07 01:56:23 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

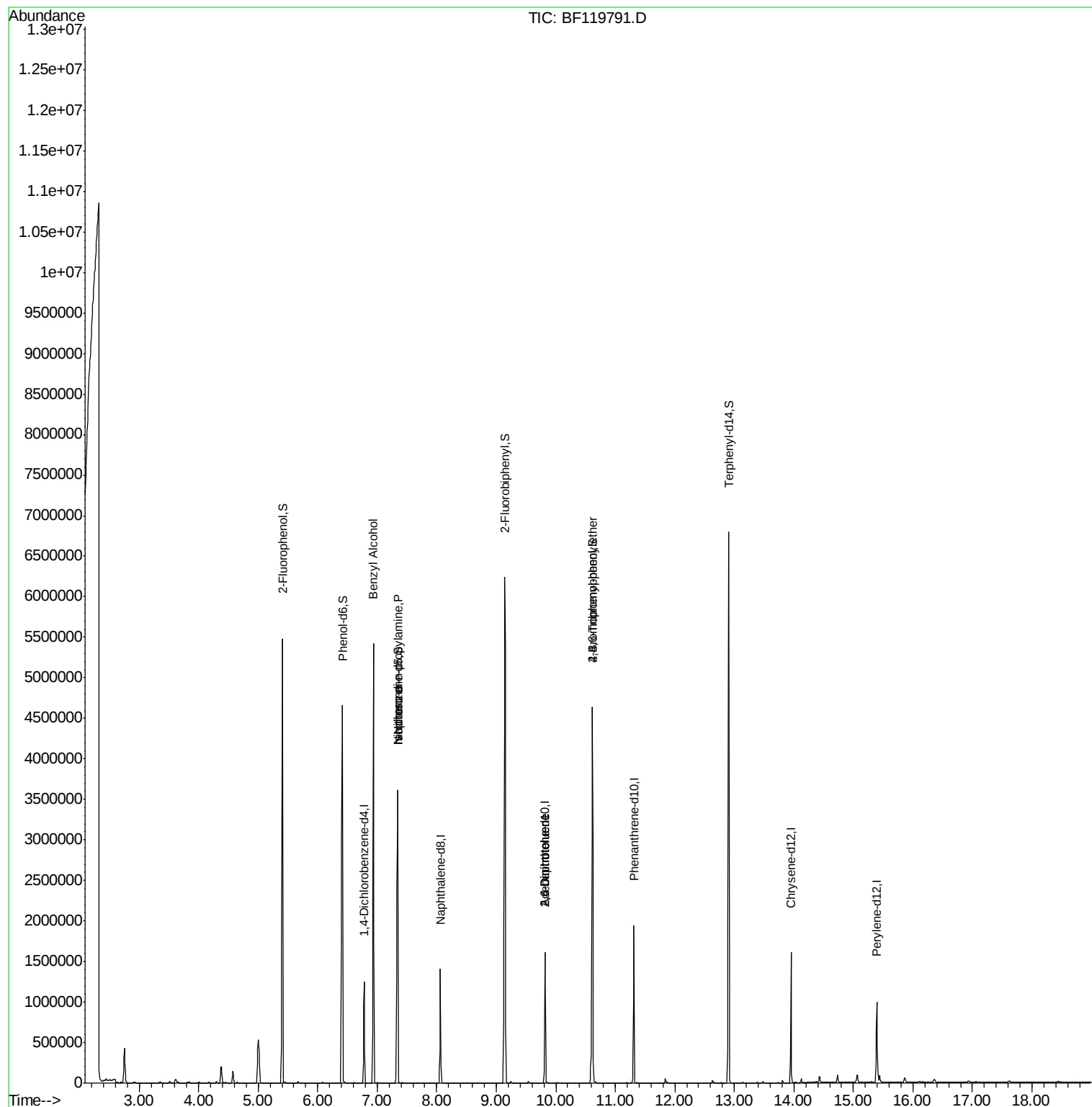
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	183165	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	701824	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	357521	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	698369	20.00	ng	0.00
76) Chrysene-d12	13.95	240	523184	20.00	ng	0.00
87) Perylene-d12	15.39	264	480120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1619134	140.72	ng	0.02
7) Phenol-d6	6.42	99	1855658	126.25	ng	0.00
23) Nitrobenzene-d5	7.35	82	1397779	108.24	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	659340	178.76	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2685227	111.27	ng	0.00
79) Terphenyl-d14	12.91	244	2862017	107.18	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.93	79	23221	2.10	ng	# 51
19) n-Nitroso-di-n-propylamine	7.35	70	185908	20.98	ng	# 73
25) Isophorone	7.35	82	1395151	53.26	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	45743	8.40	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	45743	6.67	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	39714	4.99	ng	# 1

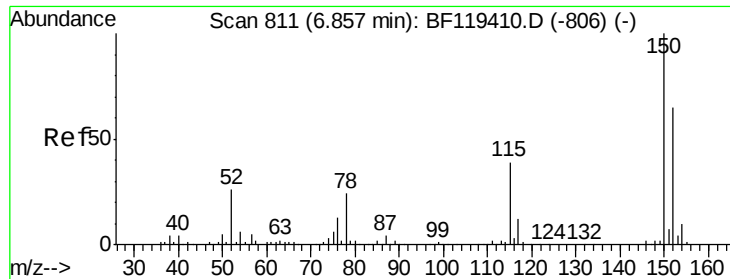
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF119791.D

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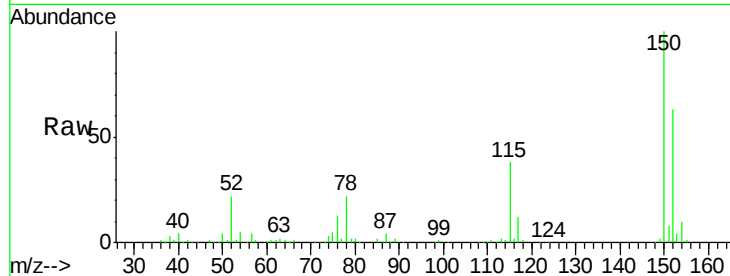
Tgt Ion:152 Resp: 183165

Ion Ratio Lower Upper

152 100

150 158.2 124.5 186.7

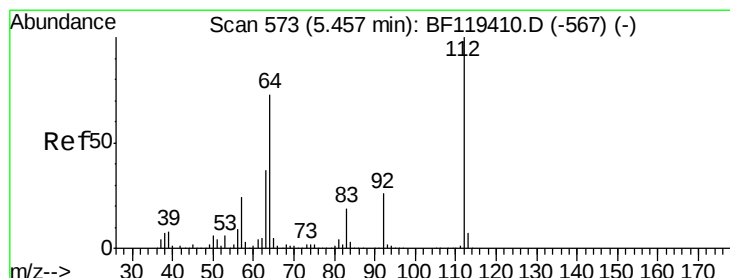
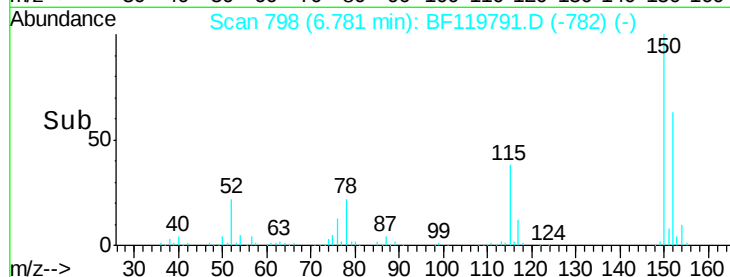
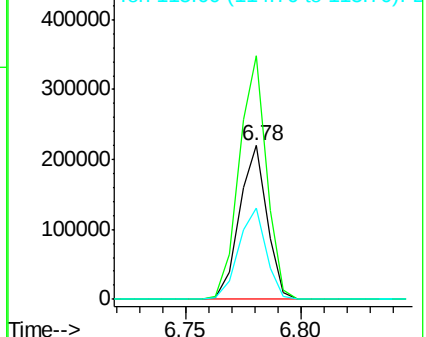
115 59.5 49.6 74.4



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: 140.72 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.02 min

Lab File: BF119791.D

Acq: 7 Apr 2020 00:52

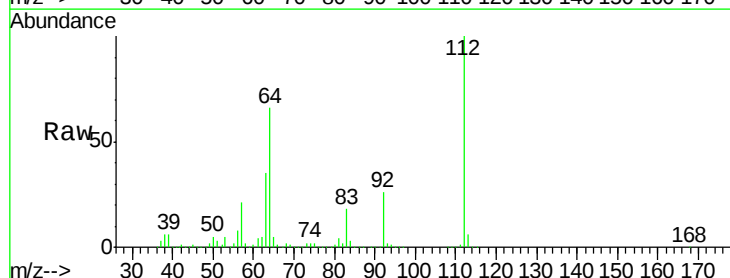
Tgt Ion:112 Resp: 1619134

Ion Ratio Lower Upper

112 100

64 66.3 56.7 85.1

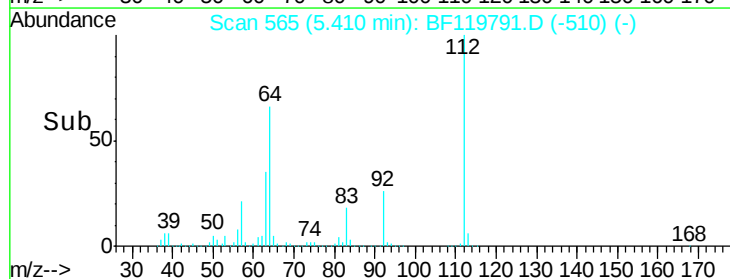
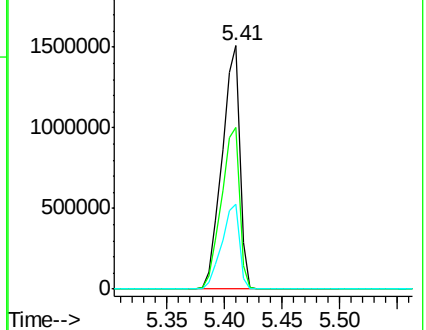
63 35.0 29.5 44.3

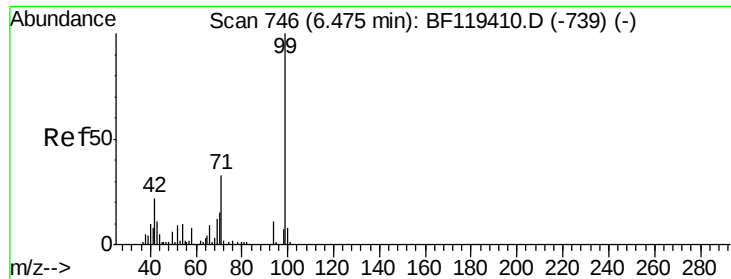


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 126.25 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119791.D

Acq: 7 Apr 2020 00:52

Instrument :

BNA_F

ClientSampleId :

TP-6

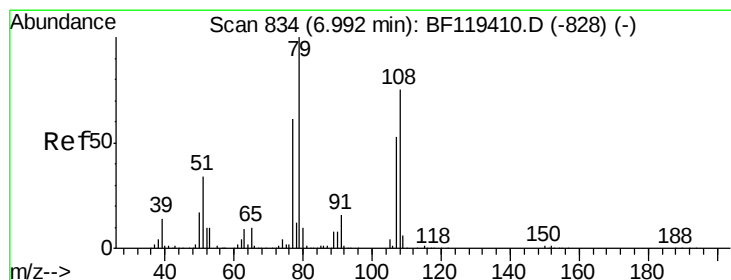
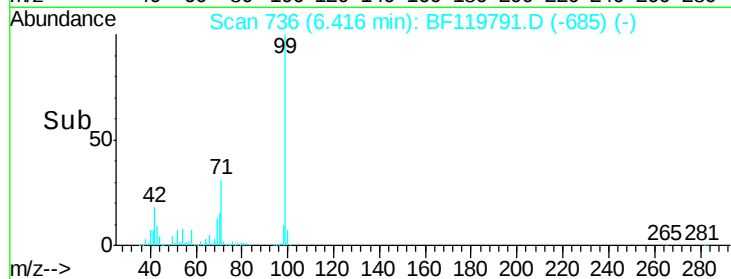
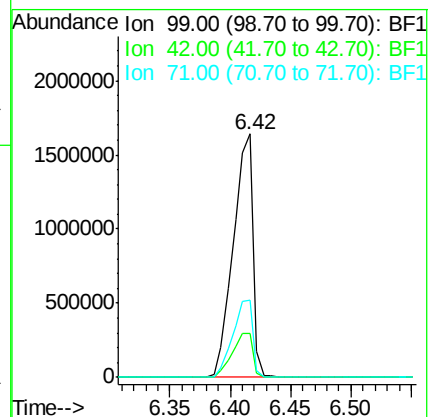
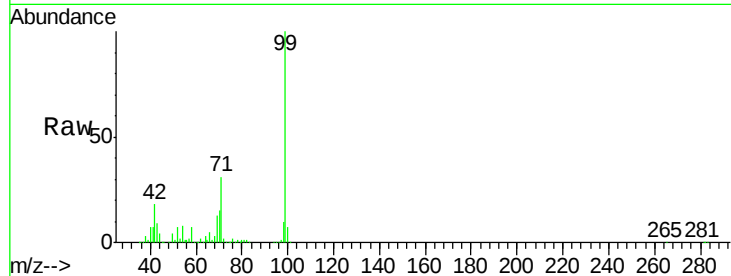
Tgt Ion: 99 Resp: 1855658

Ion Ratio Lower Upper

99 100

42 18.1 16.6 24.8

71 31.5 26.4 39.6



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BF119791.D

Acq: 7 Apr 2020 00:52

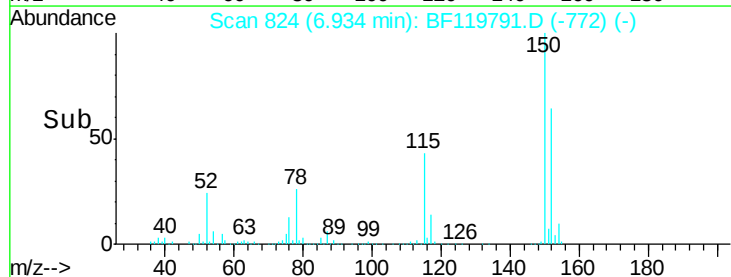
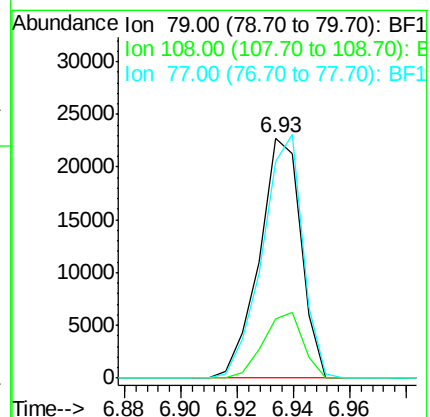
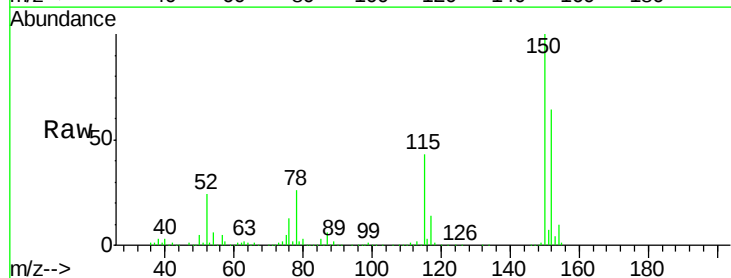
Tgt Ion: 79 Resp: 23221

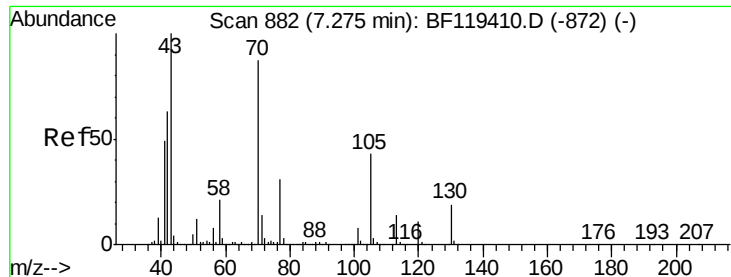
Ion Ratio Lower Upper

79 100

108 24.5 60.6 90.8#

77 90.2 50.2 75.2#

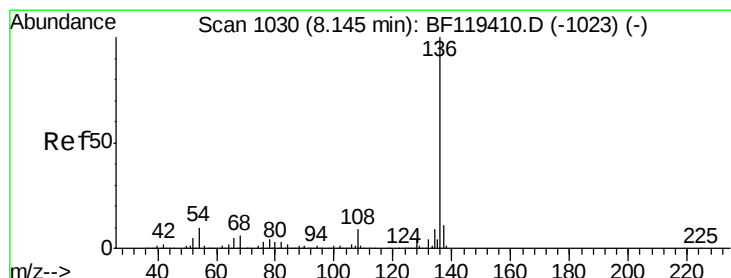
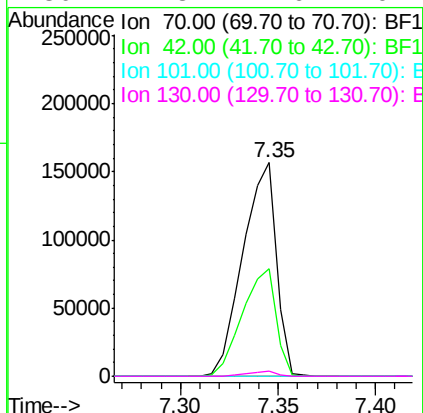
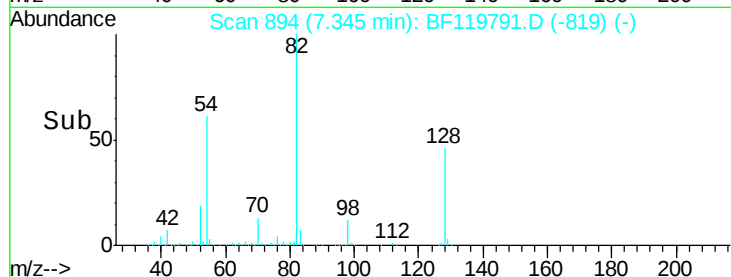
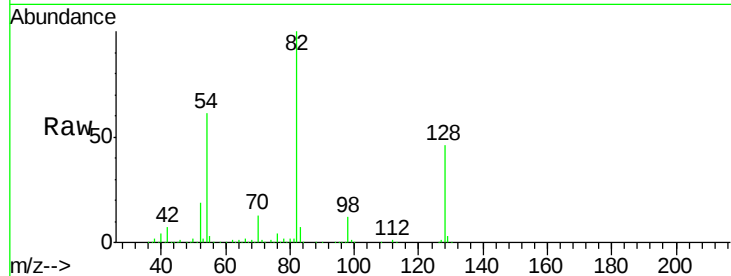




#19
n-Nitroso-di-n-propylamine
Concen: 20.98 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF119791.D
Acq: 7 Apr 2020 00:52

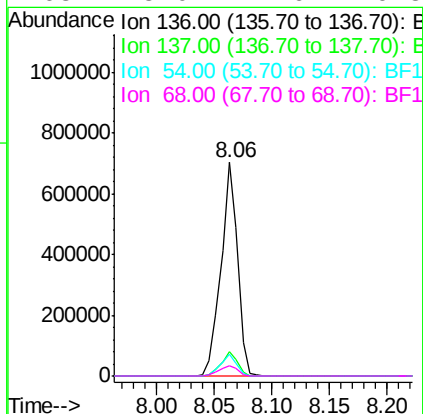
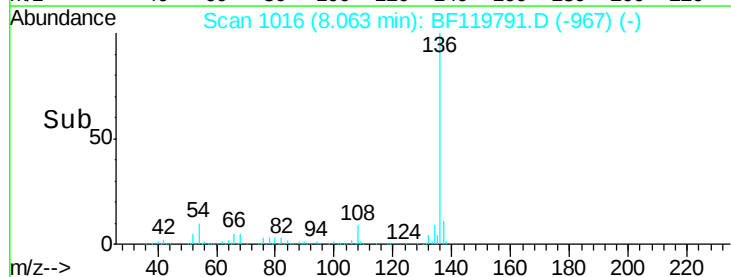
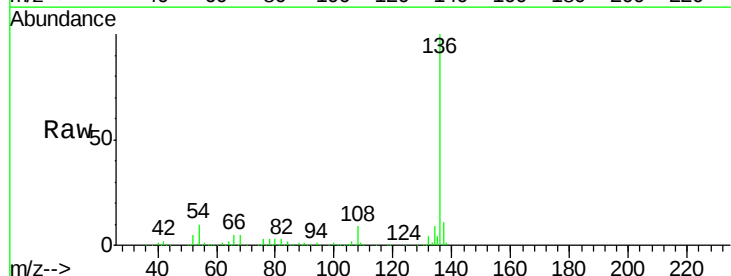
Instrument :
BNA_F
ClientSampleID :
TP-6

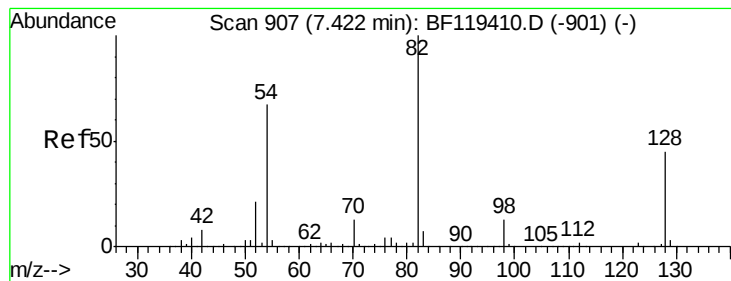
Tgt Ion:	70	Resp:	185908
Ion	Ratio	Lower	Upper
70	100		
42	50.1	54.5	81.7#
101	0.0	7.6	11.4#
130	2.3	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF119791.D
Acq: 7 Apr 2020 00:52

Tgt Ion:	136	Resp:	701824
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.3	9.1	13.7
68	5.0	4.6	6.8





#23

Nitrobenzene-d5

Concen: 108.24 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF119791.D

Acq: 7 Apr 2020 00:52

Instrument :

BNA_F

ClientSampleId :

TP-6

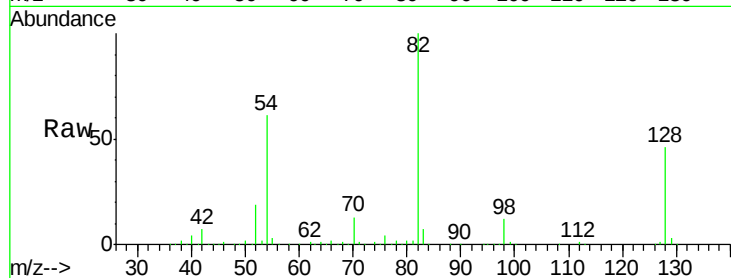
Tgt Ion: 82 Resp: 1397779

Ion Ratio Lower Upper

82 100

128 46.3 36.3 54.5

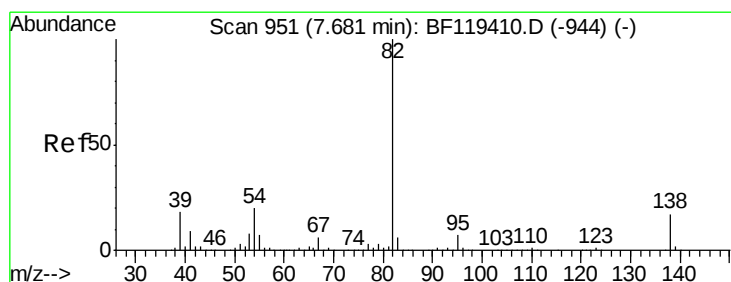
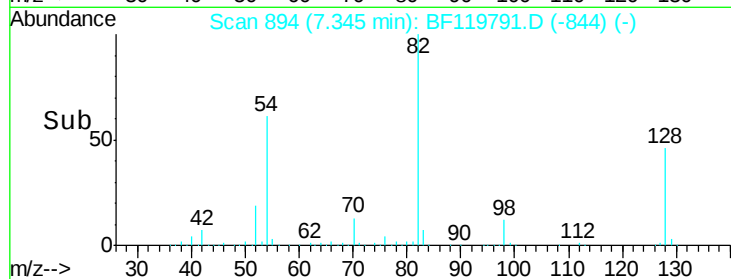
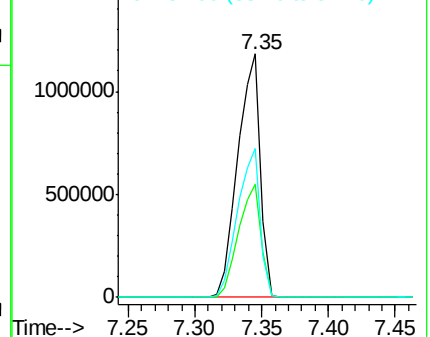
54 61.4 50.6 75.8



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: 53.26 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119791.D

Acq: 7 Apr 2020 00:52

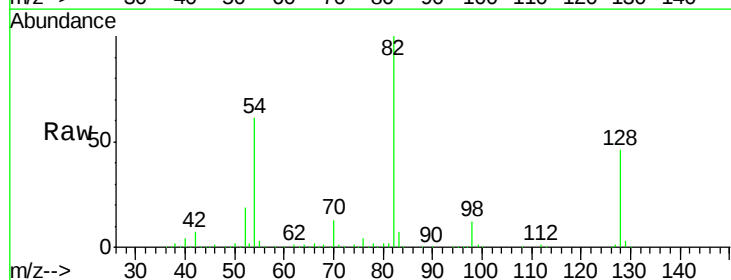
Tgt Ion: 82 Resp: 1395151

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

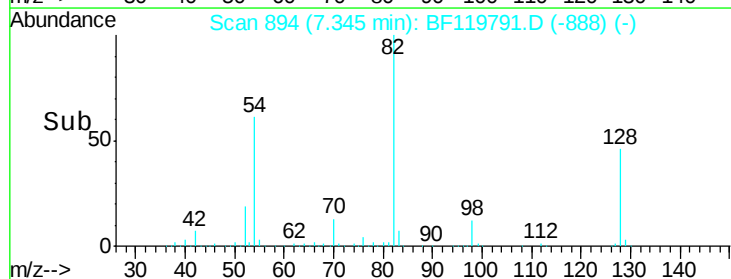
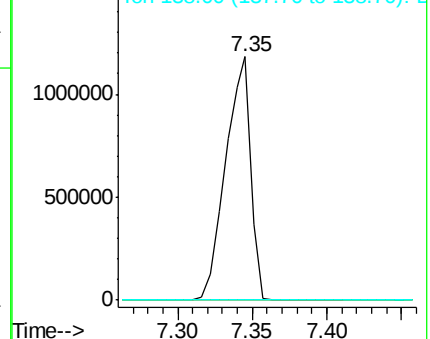
138 0.0 14.6 21.8#

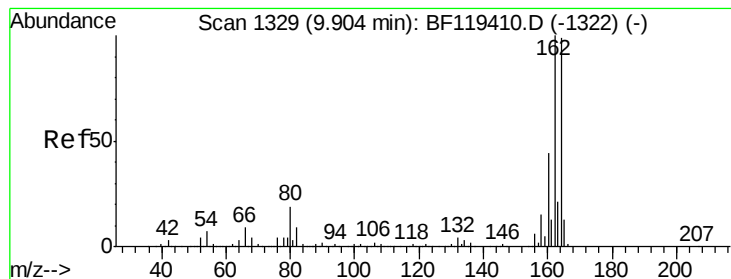


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF119791.D

Acq: 7 Apr 2020 00:52

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ClientSampleId :

TP-6

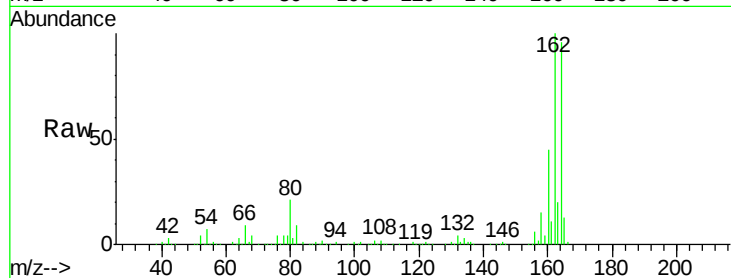
Tgt Ion:164 Resp: 357521

Ion Ratio Lower Upper

164 100

162 103.8 80.6 121.0

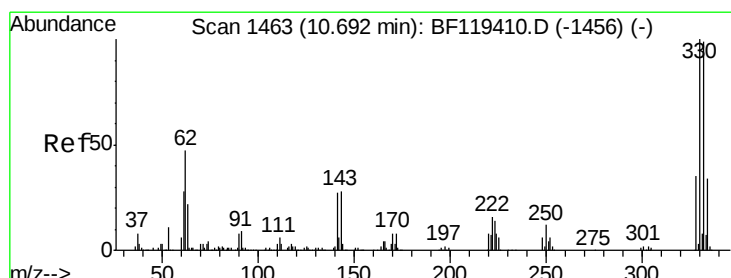
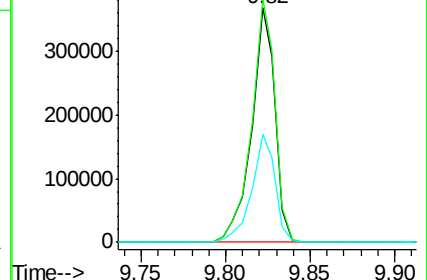
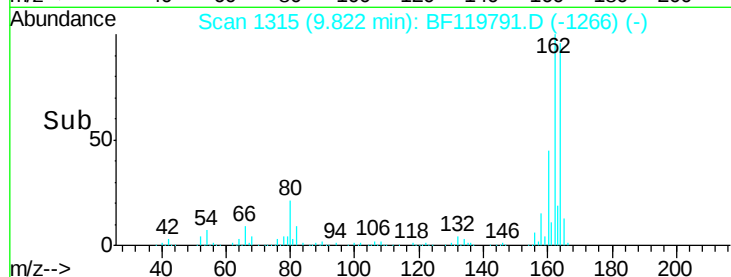
160 46.2 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 178.76 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119791.D

Acq: 7 Apr 2020 00:52

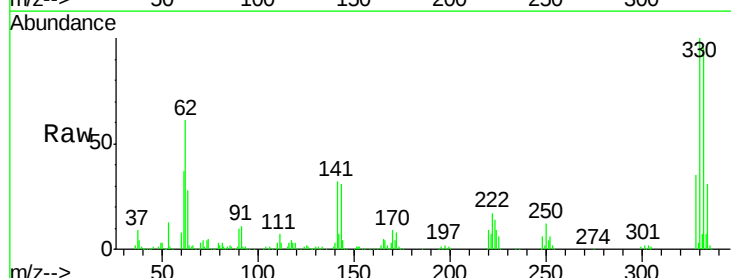
Tgt Ion:330 Resp: 659340

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

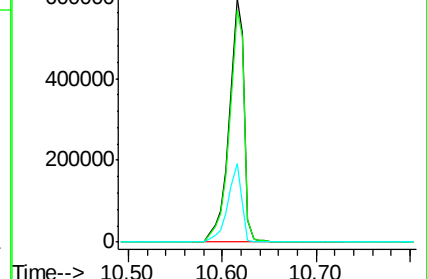
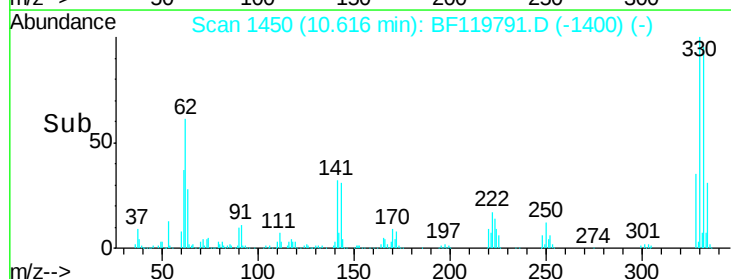
141 30.2 25.4 38.0

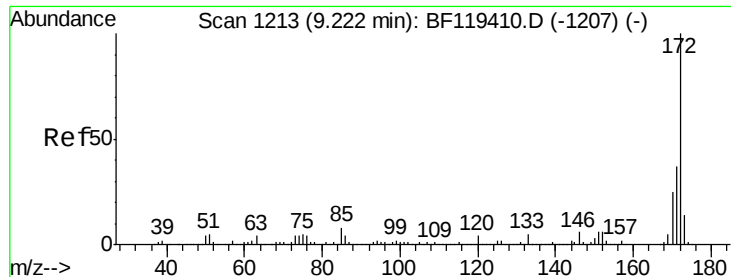


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

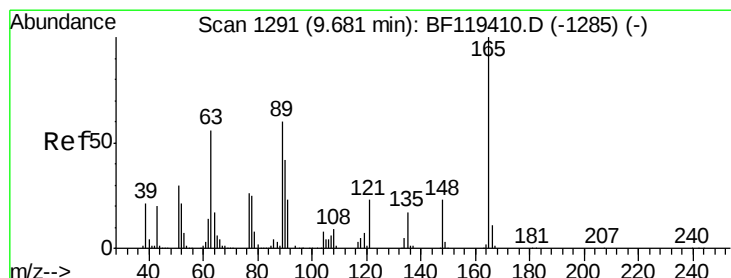
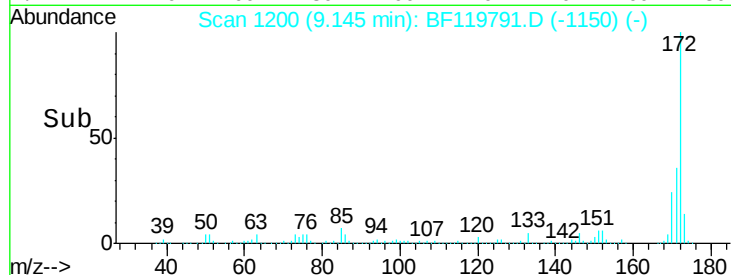
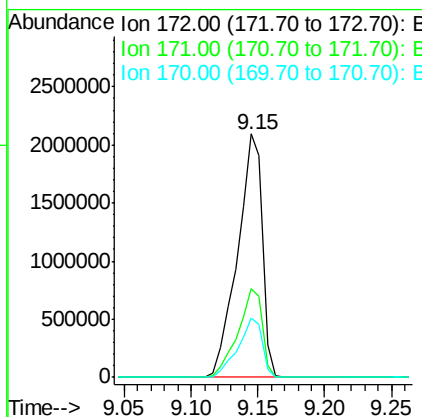
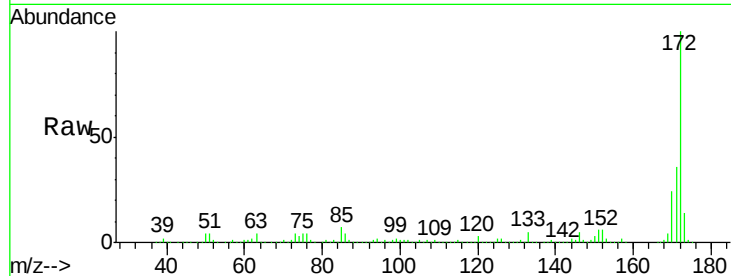




#45
 2-Fluorobiphenyl
 Concen: 111.27 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

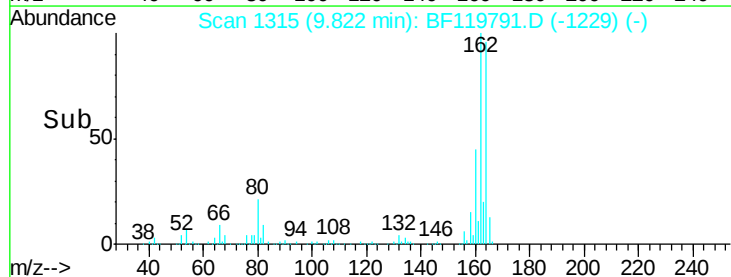
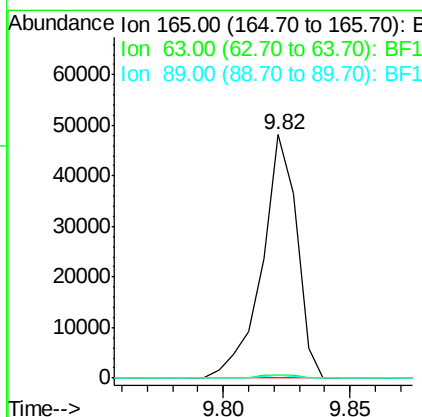
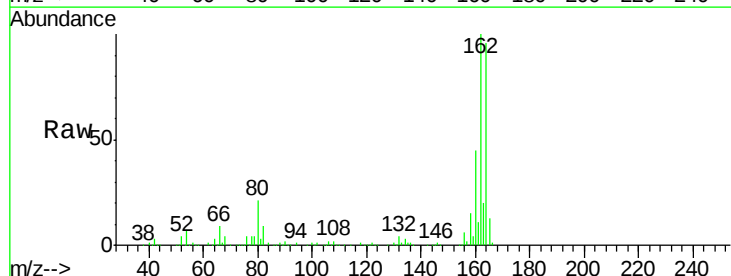
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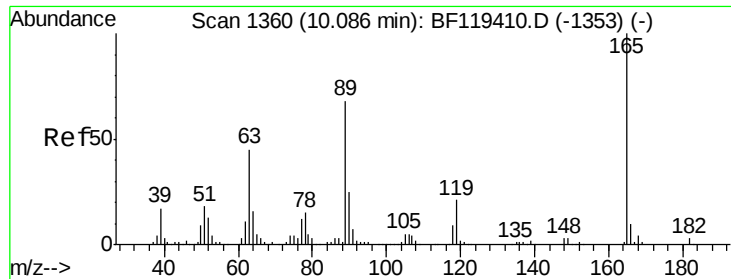
Tgt Ion:172 Resp: 2685227
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.5 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 8.40 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

Tgt Ion:165 Resp: 45743
 Ion Ratio Lower Upper
 165 100
 63 1.0 45.0 67.4#
 89 1.5 41.5 62.3#

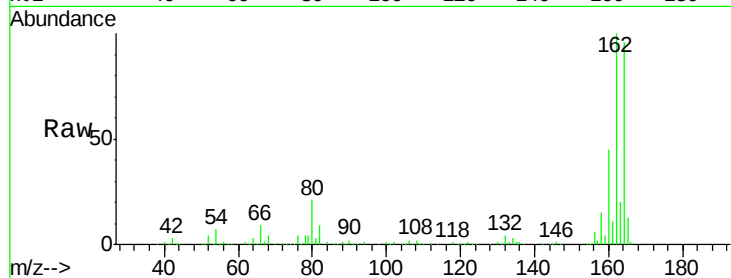




#57
 2,4-Dinitrotoluene
 Concen: 6.67 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.6	64.0#
89	1.5	61.0	91.4#
182	0.0	2.2	3.2#

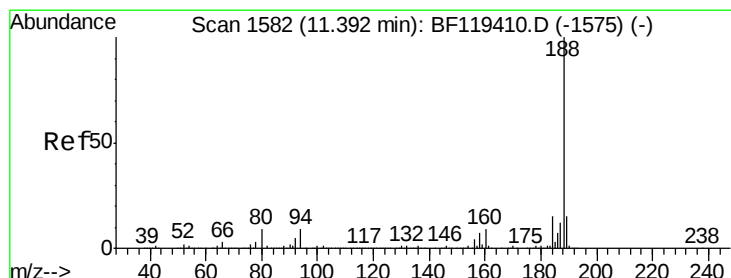
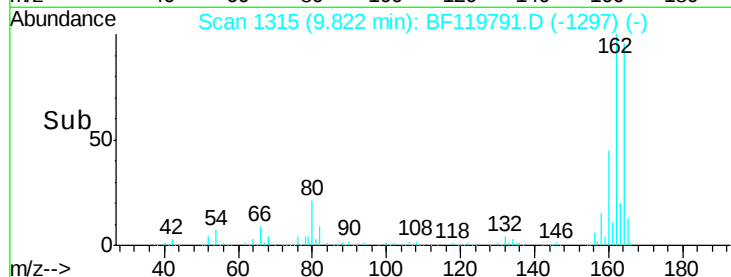
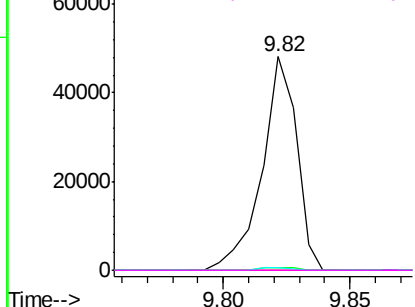


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

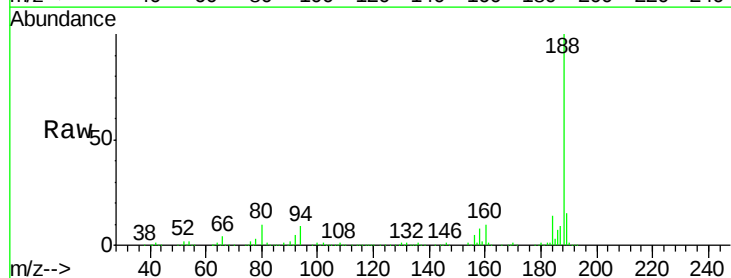
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

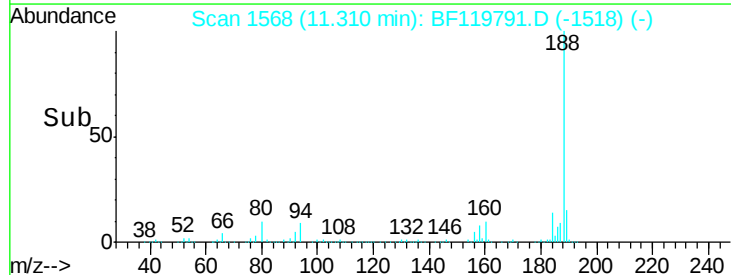
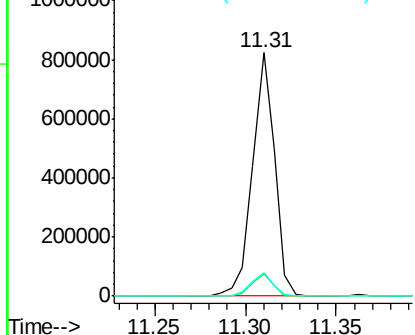
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.7	9.0	13.4

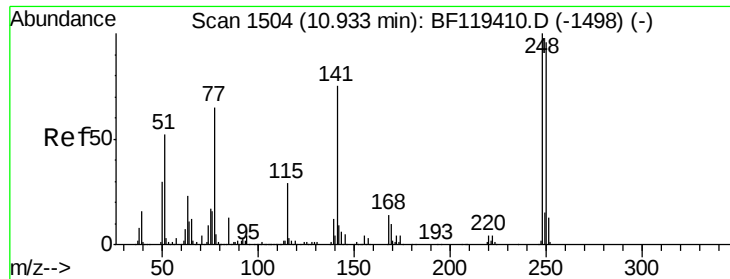


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

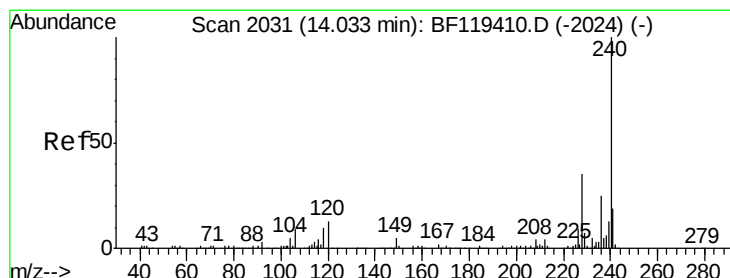
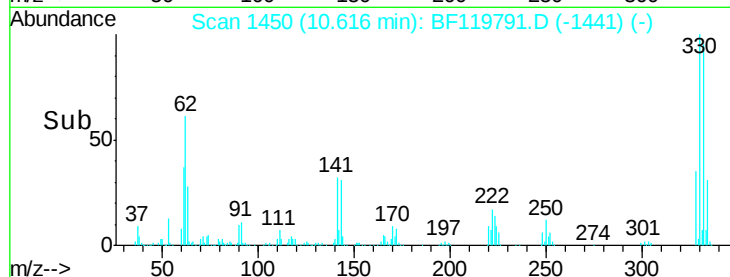
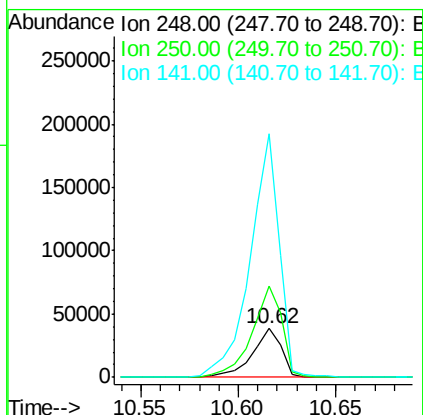
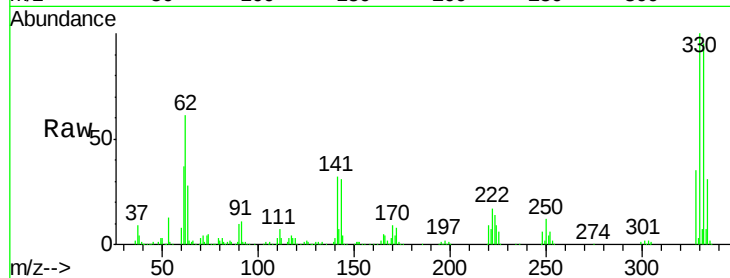




#67
 4-Bromophenyl-phenylether
 Concen: 4.99 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

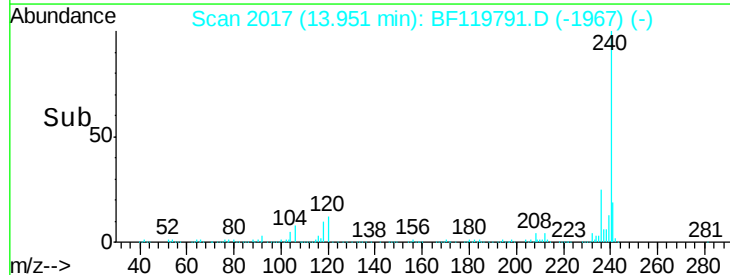
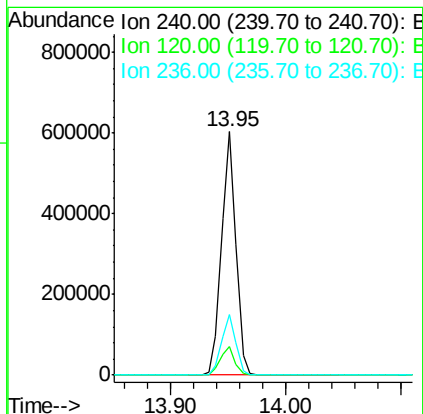
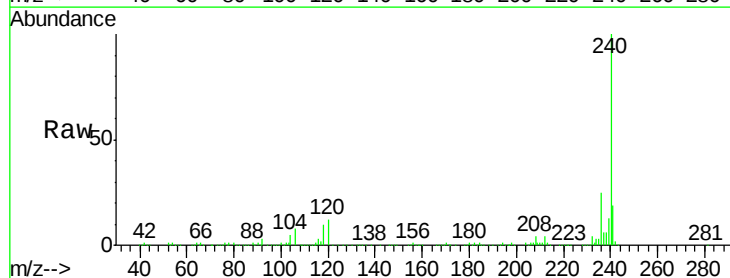
Instrument :
 BNA_F
 ClientSampled :
 TP-6

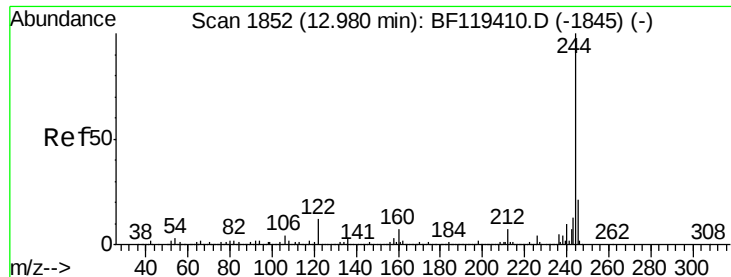
Tgt Ion:248 Resp: 39714
 Ion Ratio Lower Upper
 248 100
 250 188.1 77.3 115.9#
 141 502.3 58.6 87.8#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

Tgt Ion:240 Resp: 523184
 Ion Ratio Lower Upper
 240 100
 120 11.5 10.6 15.8
 236 25.0 20.2 30.2

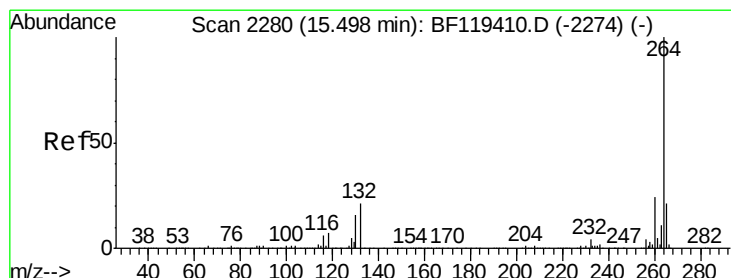
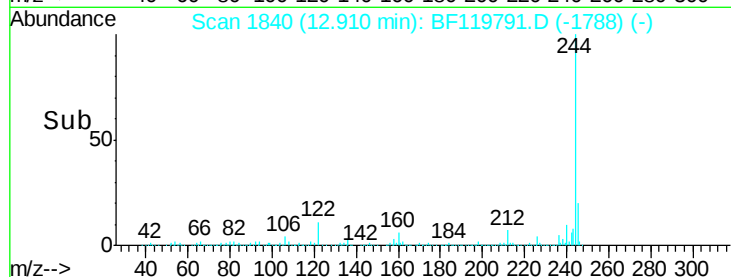
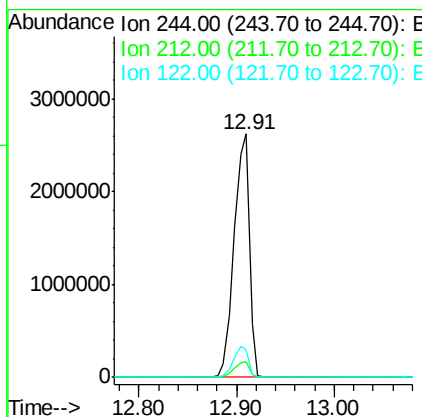
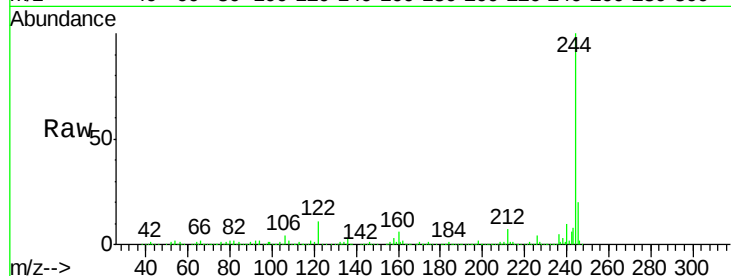




#79
 Terphenyl-d14
 Concen: 107.18 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 2862017
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 11.4 10.3 15.5



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BF119791.D
 Acq: 7 Apr 2020 00:52

Tgt Ion:264 Resp: 480120
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.5 17.7 26.5

