

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
 Data File : BF119457.D
 Acq On : 20 Mar 2020 00:19
 Operator : CG/JU
 Sample : L1978-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6A

Quant Time: Mar 20 03:52:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

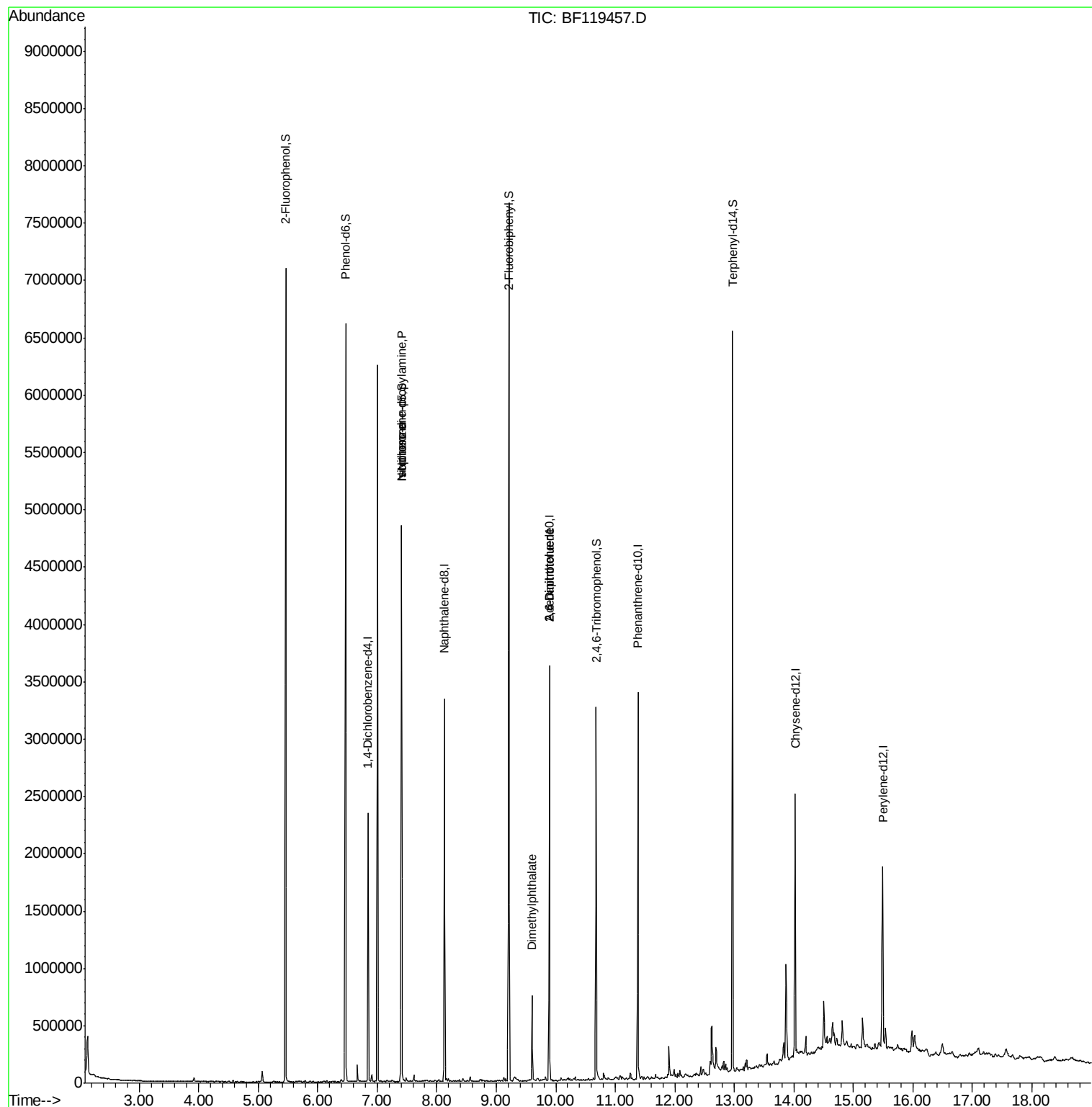
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	351415	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1358986	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	688143	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1188328	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	691245	20.00	ng	-0.01
87) Perylene-d12	15.49	264	754201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1870315	84.73	ng	0.00
7) Phenol-d6	6.47	99	2352353	83.42	ng	0.00
23) Nitrobenzene-d5	7.41	82	1451621	58.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	407571	57.41	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2618091	56.36	ng	0.00
79) Terphenyl-d14	12.97	244	2309357	65.45	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	191314	11.26	ng	# 73
25) Isophorone	7.41	82	1449365	28.57	ng	# 66
50) Dimethylphthalate	9.60	163	263232	5.39	ng	99
51) 2,6-Dinitrotoluene	9.89	165	86570	8.26	ng	# 19
57) 2,4-Dinitrotoluene	9.89	165	86570	6.56	ng	# 25

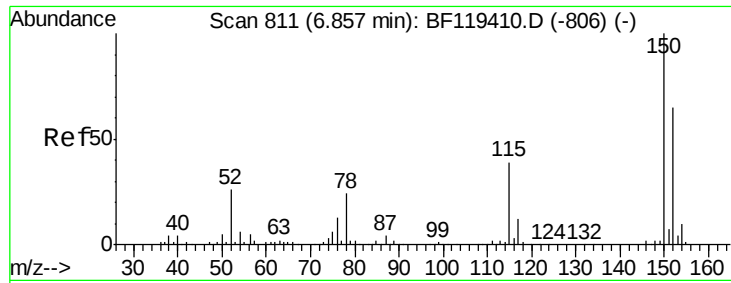
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119457.D

Acq: 20 Mar 2020 00:19

Instrument :

BNA_F

ClientSampleId :

TP-6A

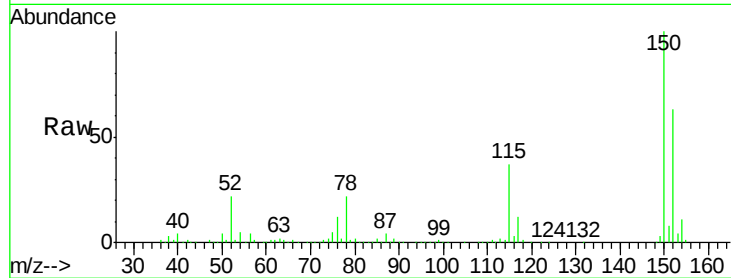
Tgt Ion:152 Resp: 351415

Ion Ratio Lower Upper

152 100

150 158.7 123.9 185.9

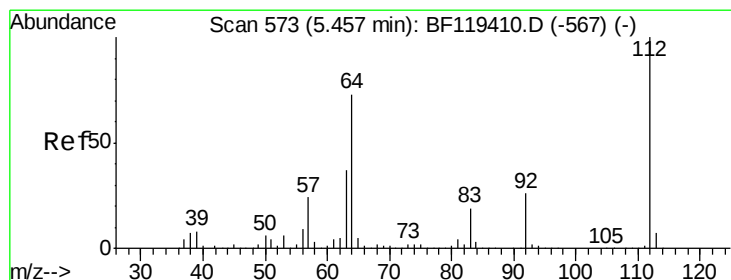
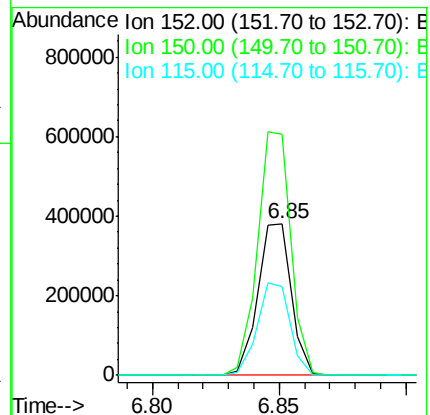
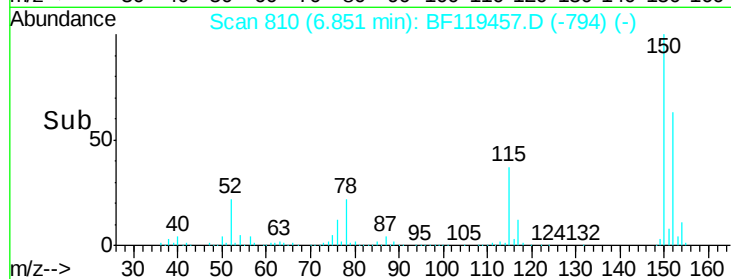
115 58.0 47.8 71.6



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: 84.73 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119457.D

Acq: 20 Mar 2020 00:19

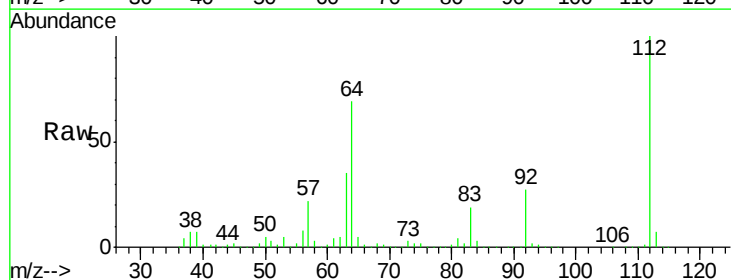
Tgt Ion:112 Resp: 1870315

Ion Ratio Lower Upper

112 100

64 68.6 58.1 87.1

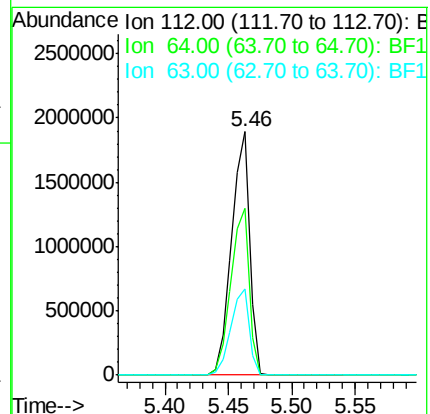
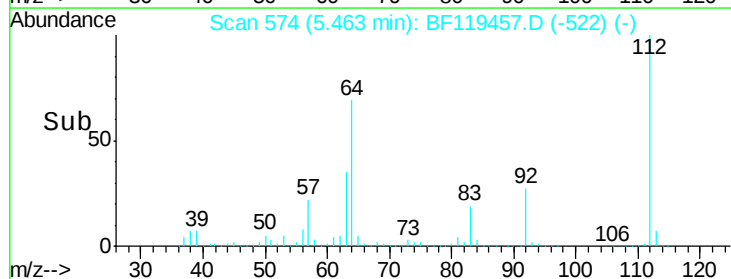
63 35.4 29.7 44.5

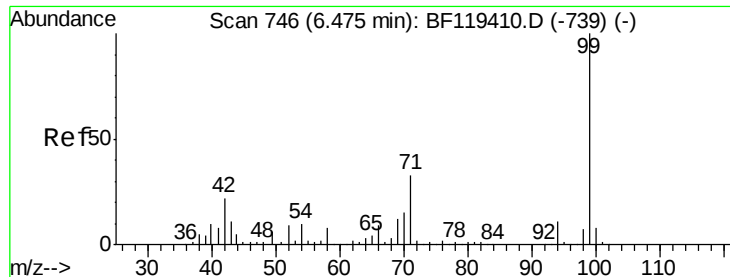


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.42 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119457.D

Acq: 20 Mar 2020 00:19

Instrument :

BNA_F

ClientSampleId :

TP-6A

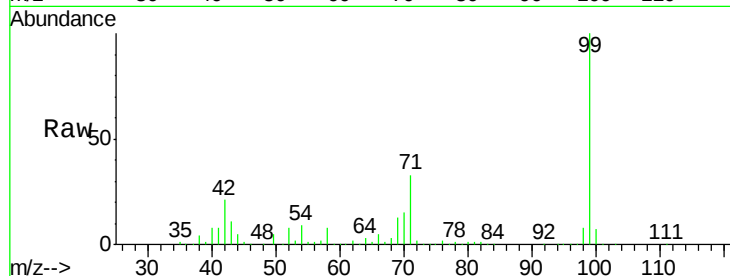
Tgt Ion: 99 Resp: 2352353

Ion Ratio Lower Upper

99 100

42 21.3 17.8 26.6

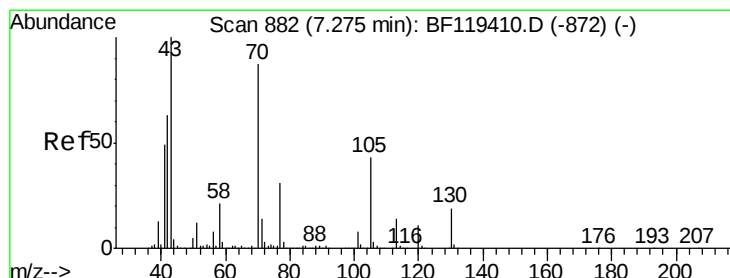
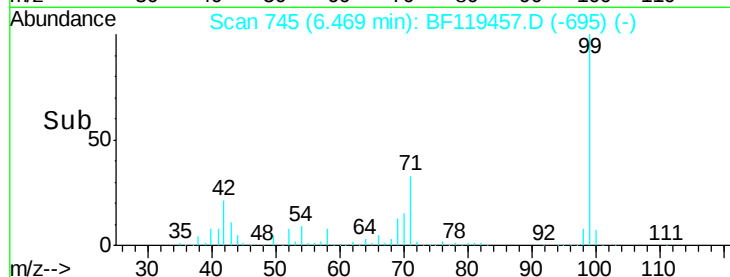
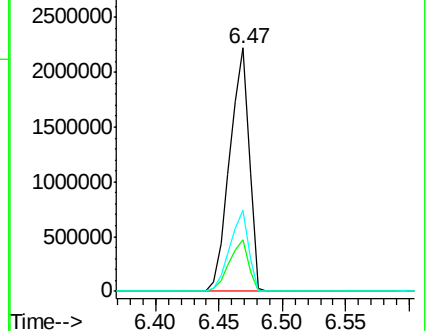
71 33.5 26.0 39.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.26 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119457.D

Acq: 20 Mar 2020 00:19

Tgt Ion: 70 Resp: 191314

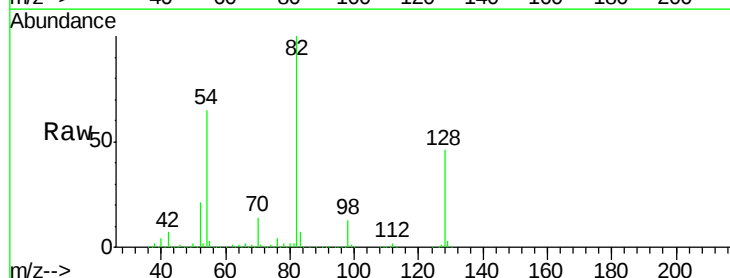
Ion Ratio Lower Upper

70 100

42 54.2 58.2 87.4#

101 0.0 7.4 11.2#

130 2.0 17.8 26.8#

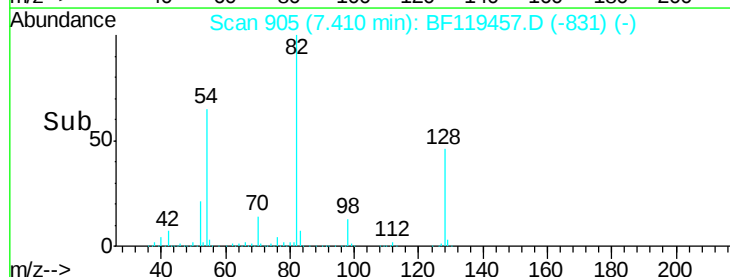
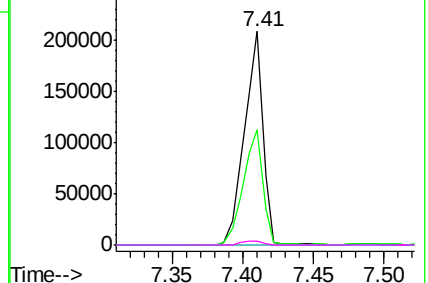


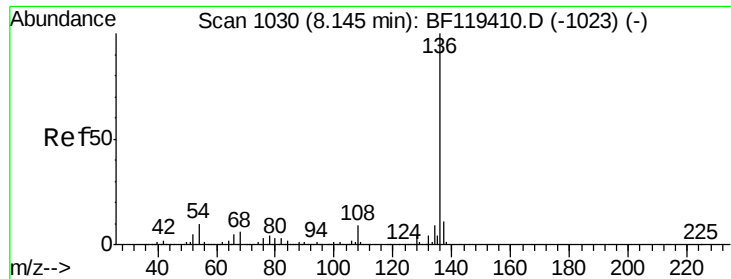
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

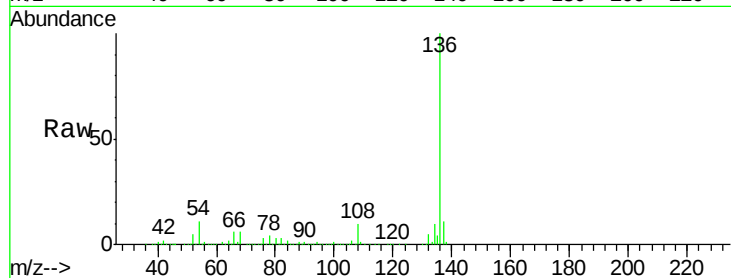




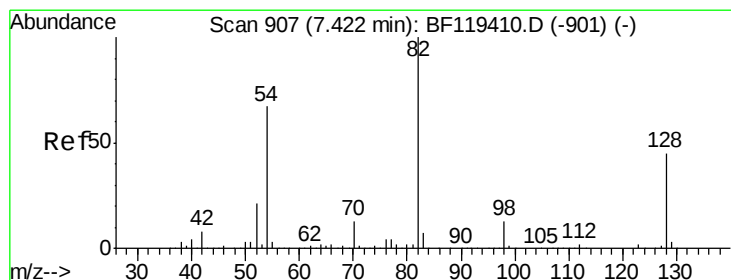
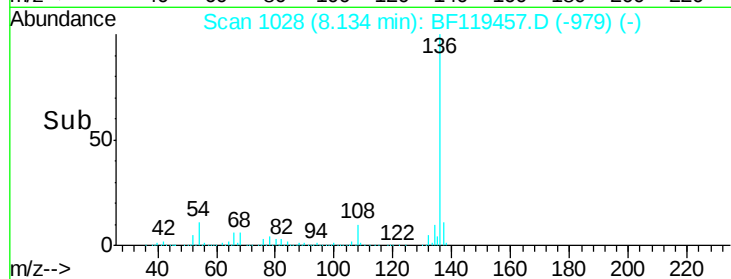
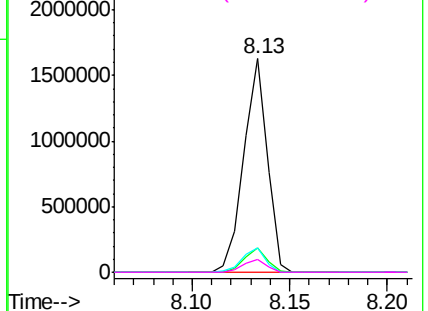
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF119457.D
Acq: 20 Mar 2020 00:19

Instrument :
BNA_F
ClientSampled :
TP-6A

Tgt Ion:	136	Resp:	1358986
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.2	8.3	12.5
68	6.1	4.9	7.3

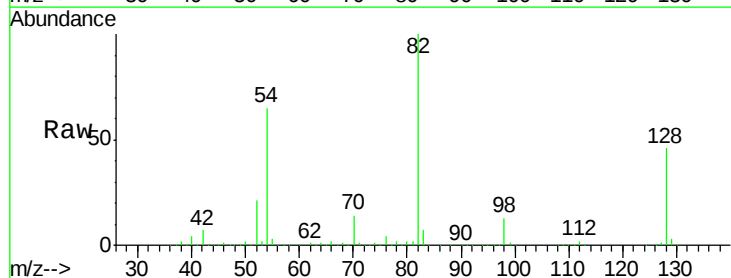


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

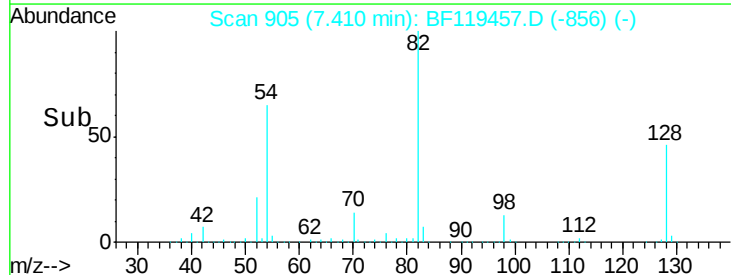
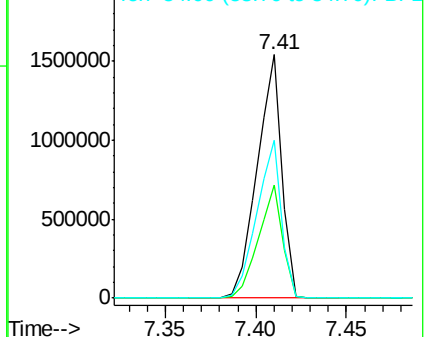


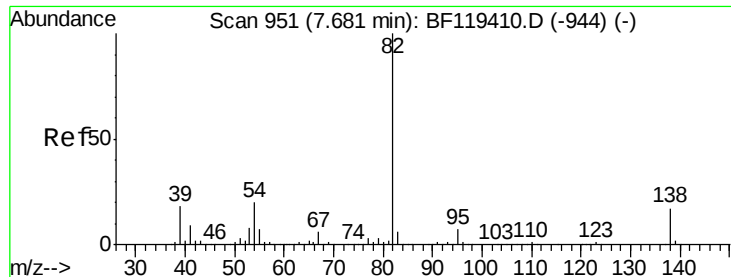
#23
Nitrobenzene-d5
Concen: 58.05 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119457.D
Acq: 20 Mar 2020 00:19

Tgt Ion:	82	Resp:	1451621
Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.8	53.8
54	64.9	53.4	80.0



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

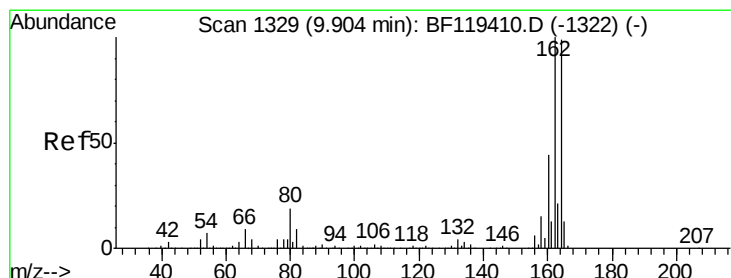
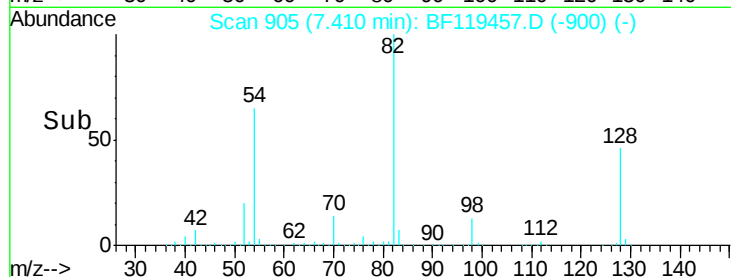
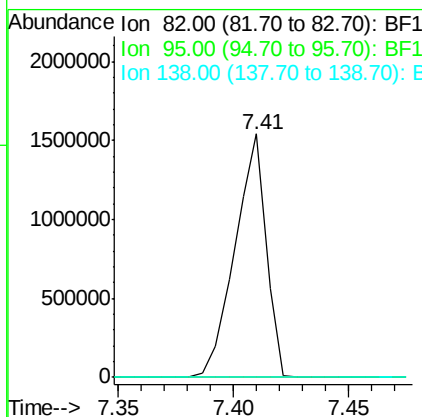
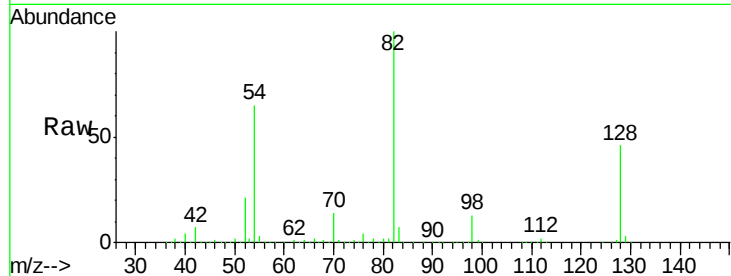




#25
Isophorone
Concen: 28.57 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF119457.D
Acq: 20 Mar 2020 00:19

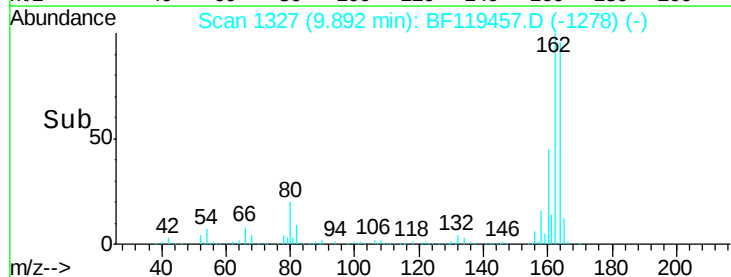
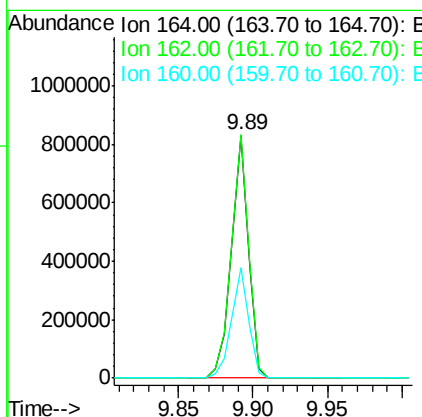
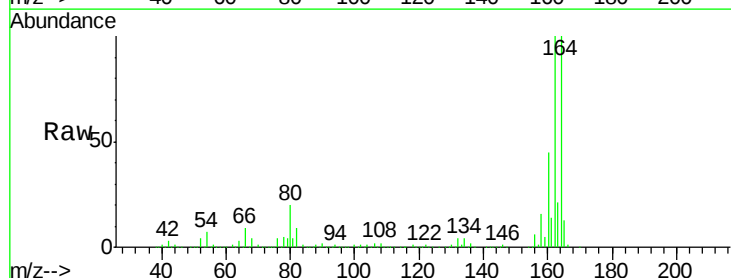
Instrument :
BNA_F
ClientSampleId :
TP-6A

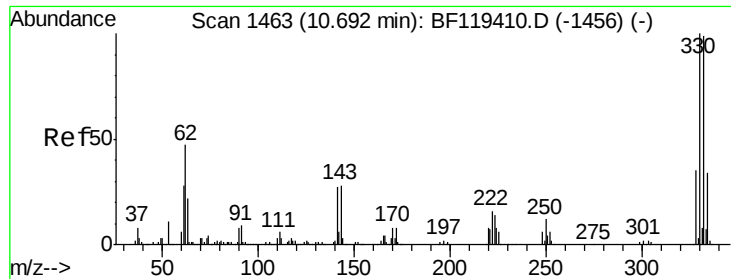
Tgt Ion: 82 Resp: 1449365
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119457.D
Acq: 20 Mar 2020 00:19

Tgt Ion: 164 Resp: 688143
Ion Ratio Lower Upper
164 100
162 100.5 80.7 121.1
160 45.3 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 57.41 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119457.D

Acq: 20 Mar 2020 00:19

Instrument :

BNA_F

ClientSampleId :

TP-6A

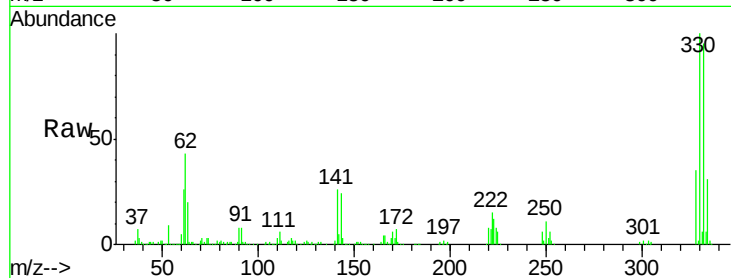
Tgt Ion:330 Resp: 407571

Ion Ratio Lower Upper

330 100

332 95.0 77.6 116.4

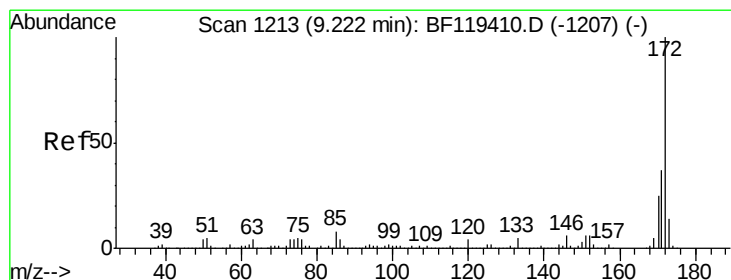
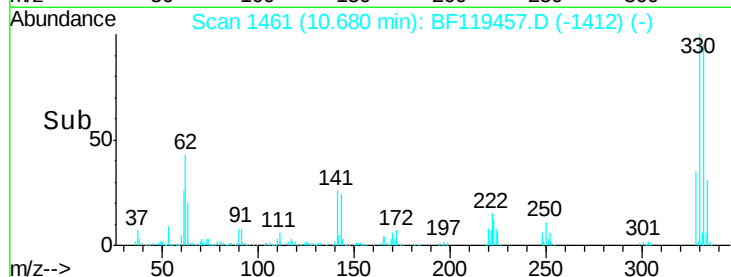
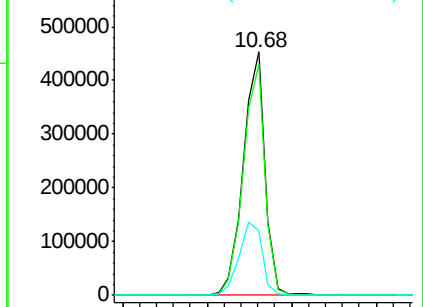
141 32.4 26.6 40.0



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: 56.36 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119457.D

Acq: 20 Mar 2020 00:19

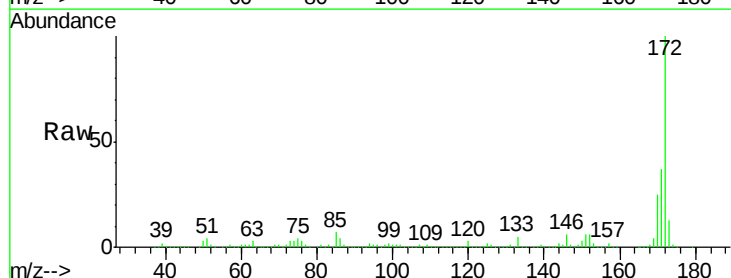
Tgt Ion:172 Resp: 2618091

Ion Ratio Lower Upper

172 100

171 37.2 29.9 44.9

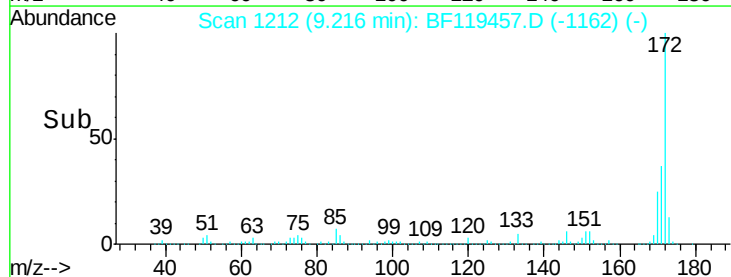
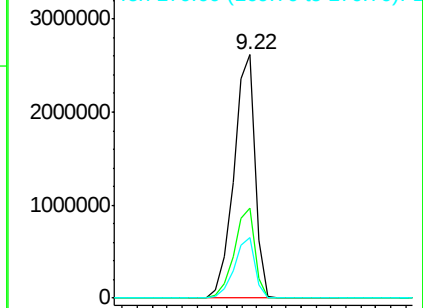
170 24.9 20.1 30.1

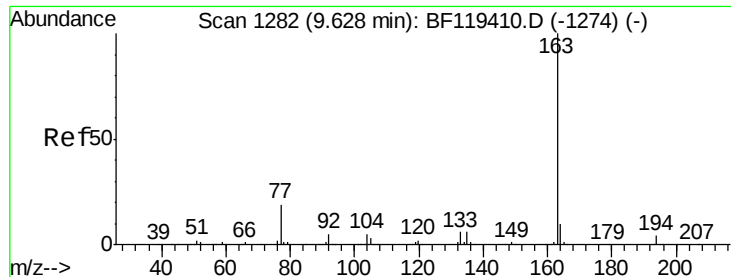


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

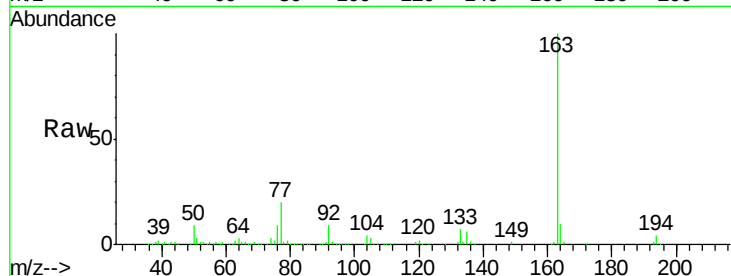




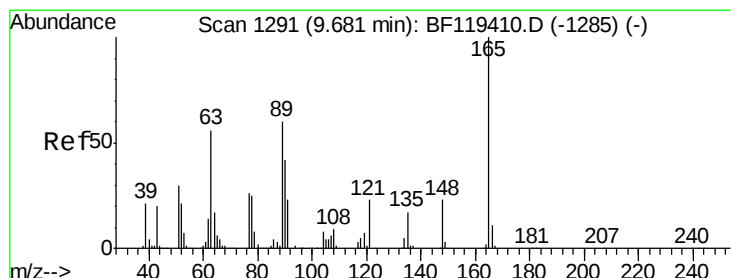
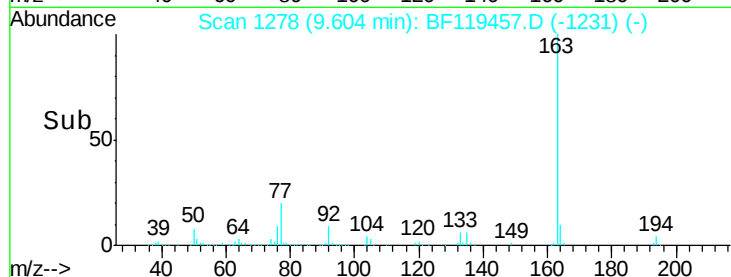
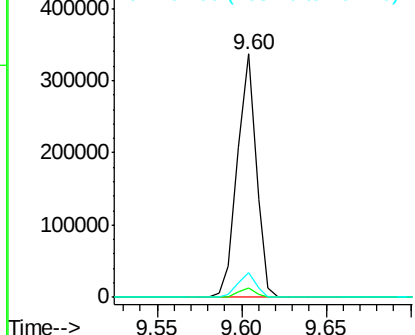
#50
Dimethylphthalate
Concen: 5.39 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF119457.D
Acq: 20 Mar 2020 00:19

Instrument :
BNA_F
ClientSampleId :
TP-6A

Tgt Ion:163 Resp: 263232
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.3 8.1 12.1

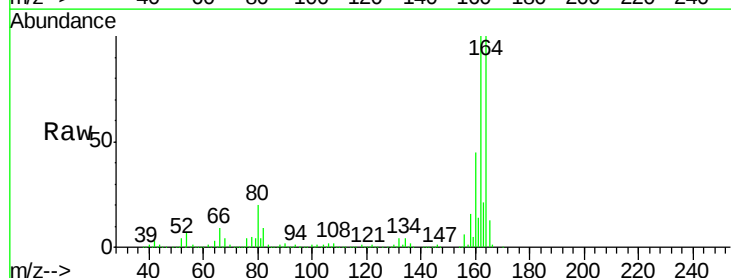


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

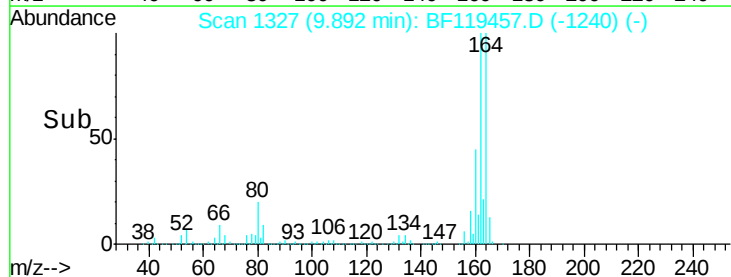
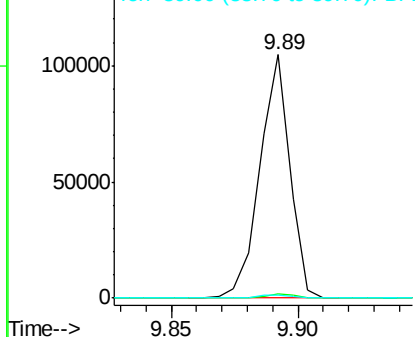


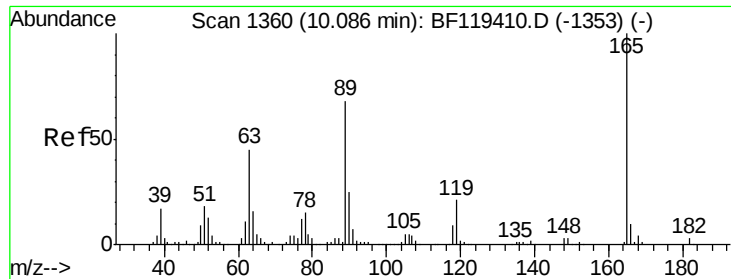
#51
2,6-Dinitrotoluene
Concen: 8.26 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF119457.D
Acq: 20 Mar 2020 00:19

Tgt Ion:165 Resp: 86570
Ion Ratio Lower Upper
165 100
63 2.0 57.3 85.9#
89 1.1 47.8 71.8#



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: 6.56 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.19 min

Lab File: BF119457.D

Acq: 20 Mar 2020 00:19

Instrument :

BNA_F

ClientSampleId :

TP-6A

Tgt Ion:165 Resp: 86570

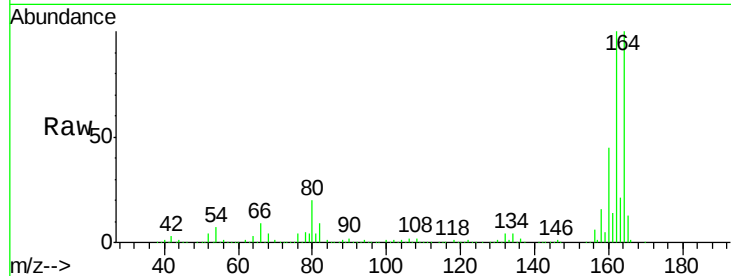
Ion Ratio Lower Upper

165 100

63 2.0 36.2 54.4#

89 1.1 54.3 81.5#

182 0.0 2.0 3.0#

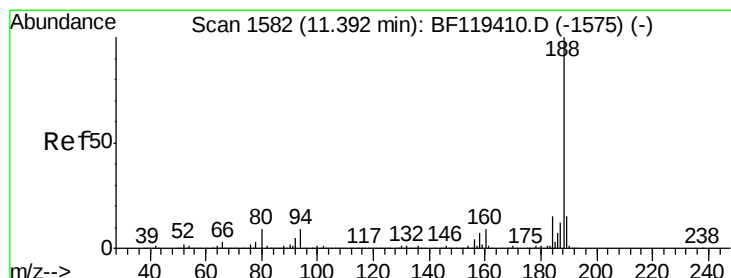
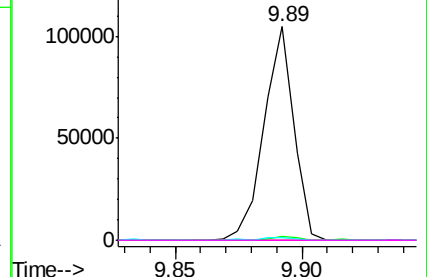
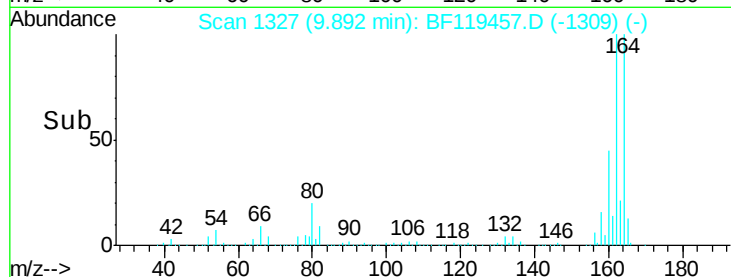


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119457.D

Acq: 20 Mar 2020 00:19

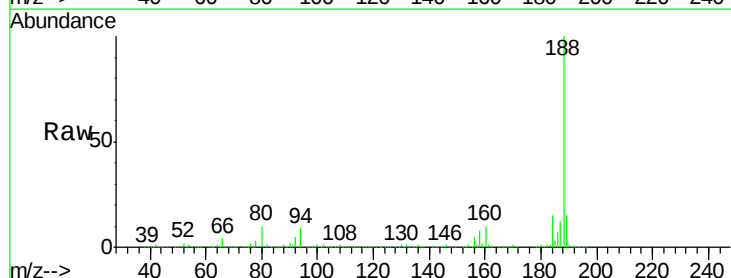
Tgt Ion:188 Resp: 1188328

Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

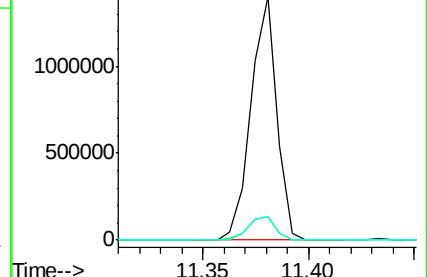
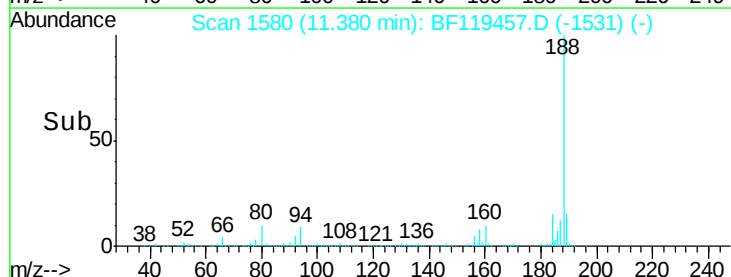
80 9.8 7.5 11.3

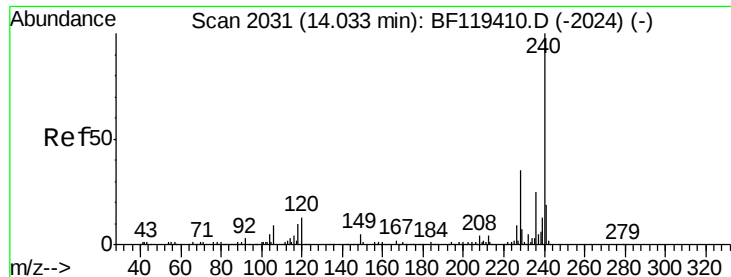


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

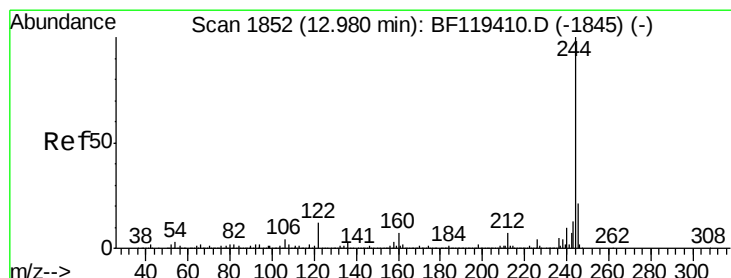
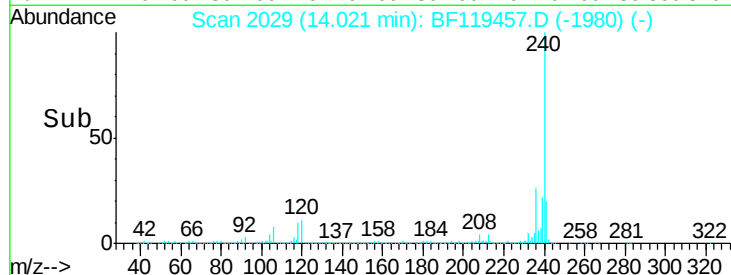
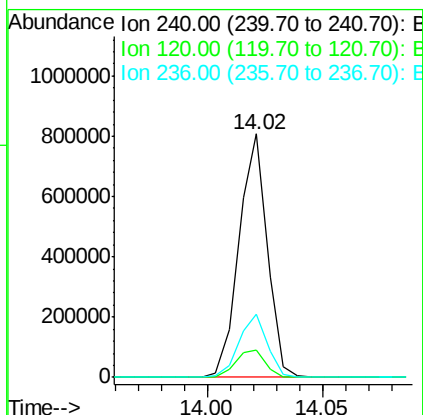
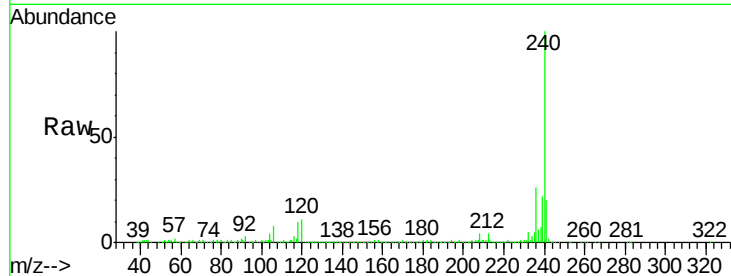




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119457.D
Acq: 20 Mar 2020 00:19

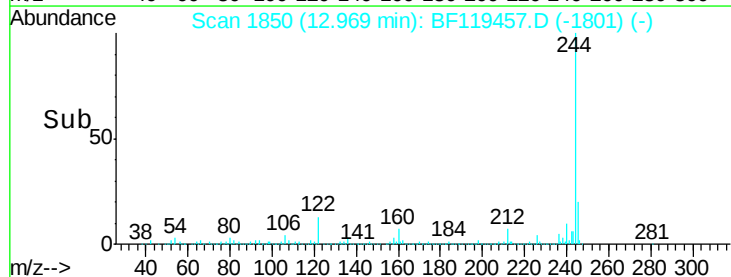
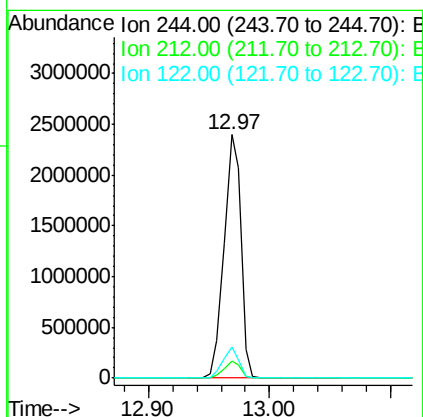
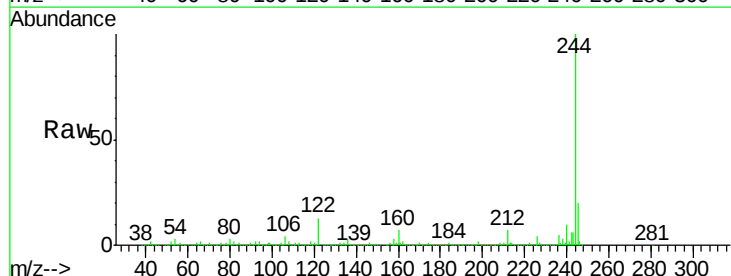
Instrument :
BNA_F
ClientSampleId :
TP-6A

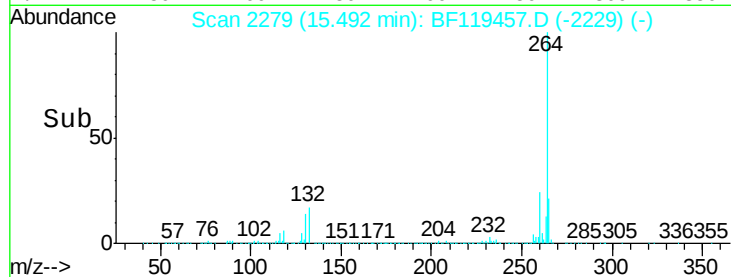
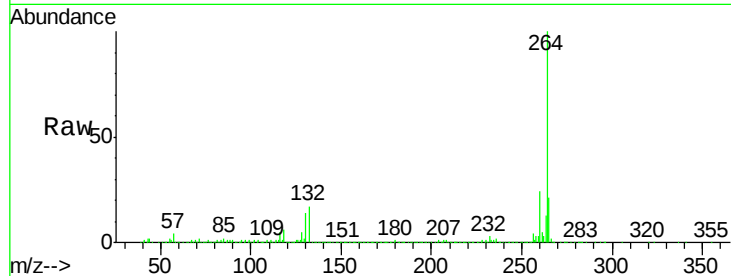
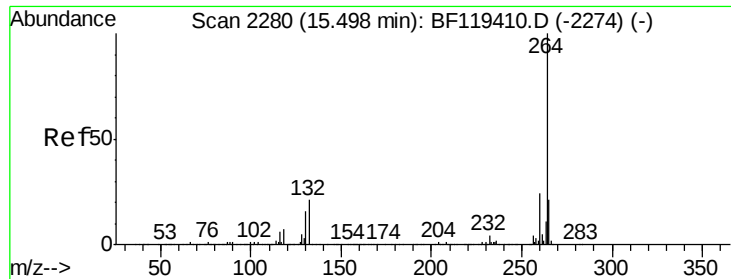
Tgt Ion:240 Resp: 691245
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 26.0 20.4 30.6



#79
Terphenyl-d14
Concen: 65.45 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF119457.D
Acq: 20 Mar 2020 00:19

Tgt Ion:244 Resp: 2309357
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 13.0 9.8 14.8





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF119457.D

Acq: 20 Mar 2020 00:19

Instrument :

BNA_F

ClientSampleId :

TP-6A

Tgt Ion: 264 Resp: 754201

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.4 16.9 25.3

