

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101019\
 Data File : BF117363.D
 Acq On : 10 Oct 2019 16:42
 Operator : JU
 Sample : K5297-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Oct 11 05:26:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

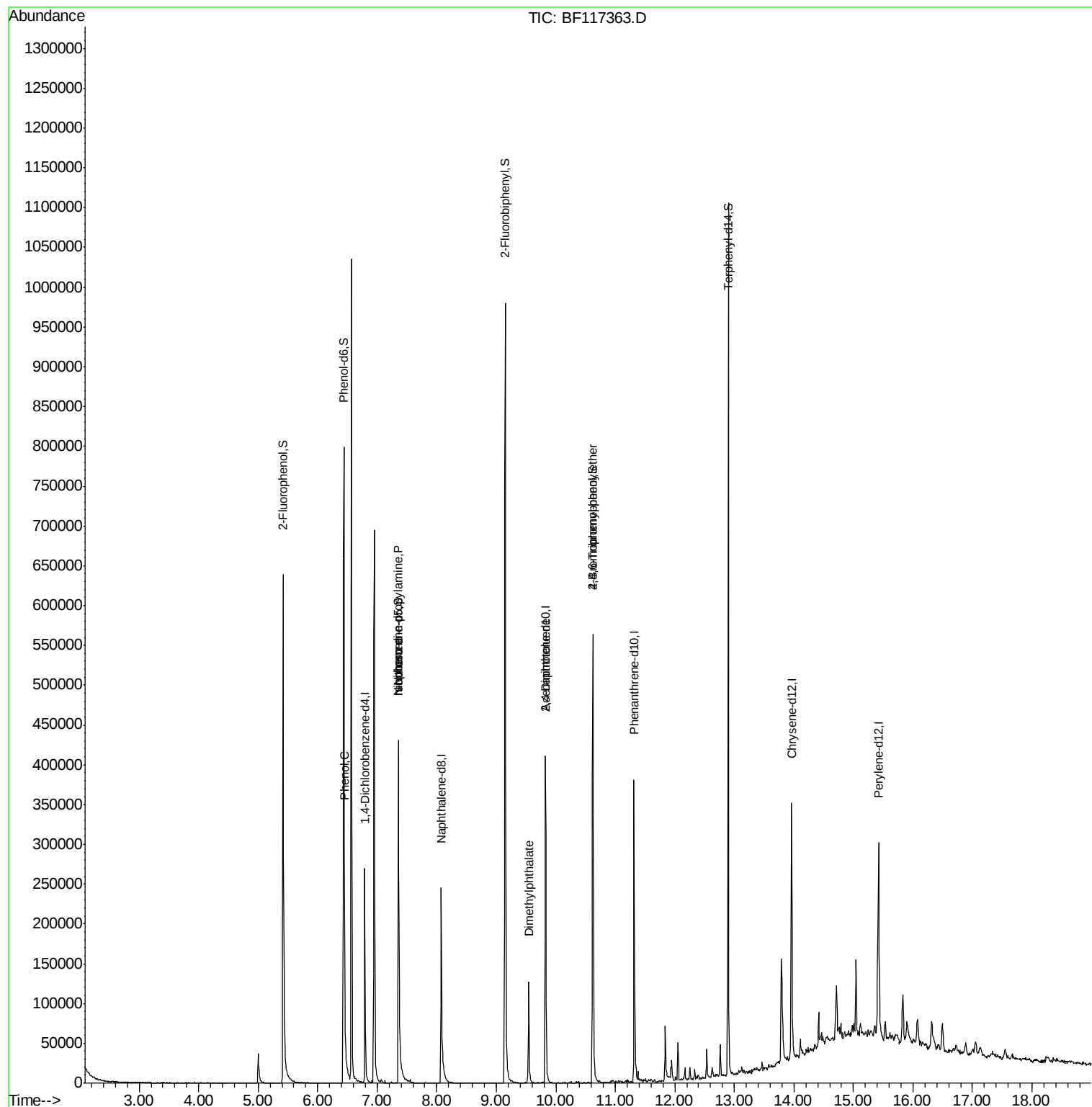
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	43636	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	181068	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	94442	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	159610	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	108258	20.00	ng	-0.01
87) Perylene-d12	15.42	264	101538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	247424	88.53	ng	0.00
7) Phenol-d6	6.44	99	334545	92.62	ng	-0.01
23) Nitrobenzene-d5	7.36	82	199876	58.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	69225	87.70	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	349627	57.88	ng	-0.01
79) Terphenyl-d14	12.90	244	344216	59.43	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.43	77	286	Below Cal	Qvalue	# 1
10) Phenol	6.45	94	10078	2.531 ng	#	77
19) n-Nitroso-di-n-propylamine	7.36	70	26970	12.262 ng	#	82
25) Isophorone	7.36	82	199893	32.760 ng	#	66
50) Dimethylphthalate	9.55	163	60540	9.053 ng		99
57) 2,4-Dinitrotoluene	9.83	165	11763	6.654 ng	#	18
67) 4-Bromophenyl-phenylether	10.62	248	4440	2.724 ng	#	1

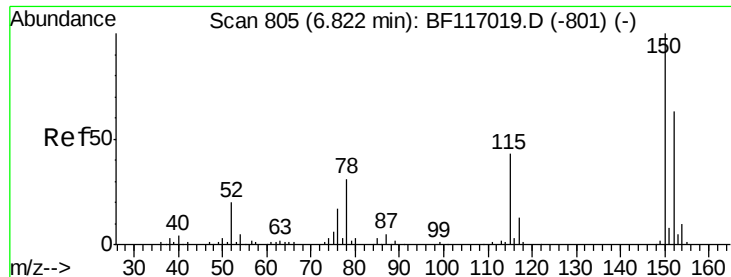
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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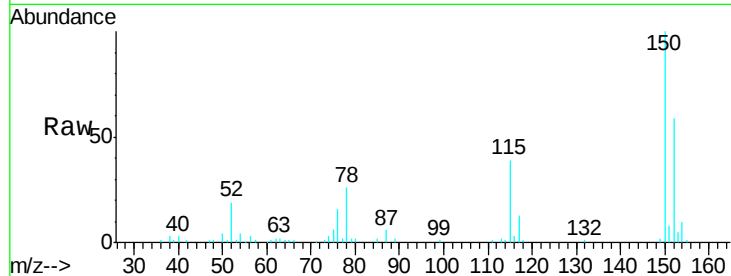


#1

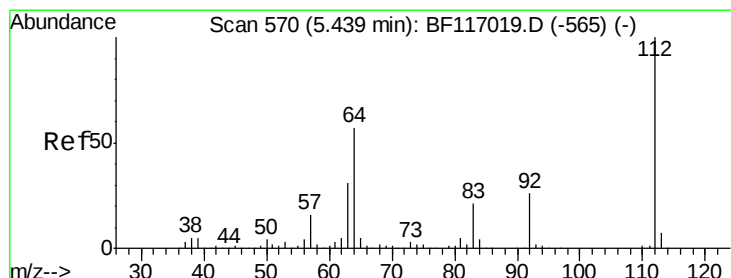
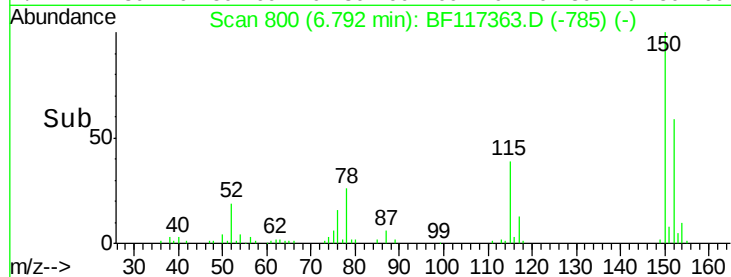
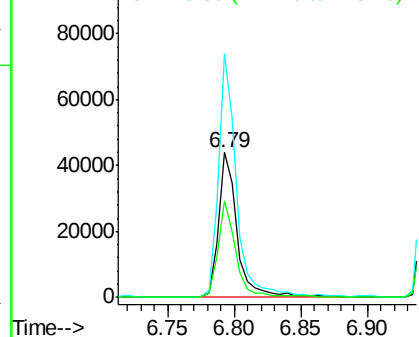
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

Instrument :
BNA_F
ClientSampled :
TP-6

Tgt Ion:152 Resp: 43636
Ion Ratio Lower Upper
152 100
150 168.2 127.5 191.3
115 66.2 55.0 82.4



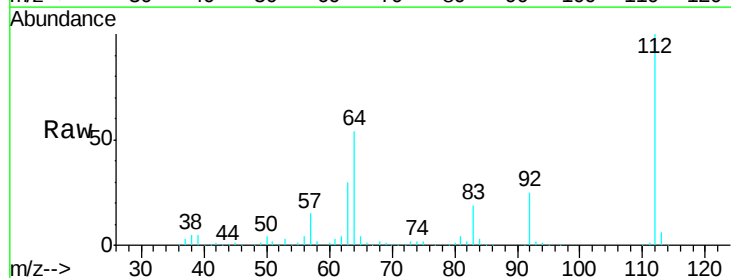
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



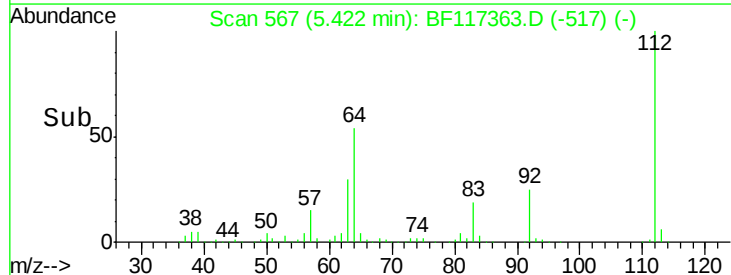
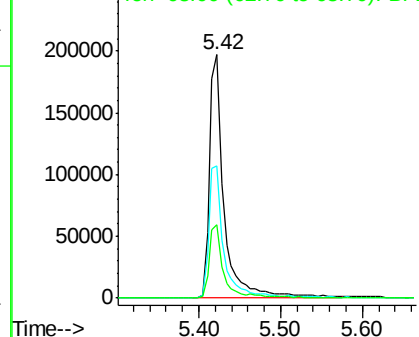
#5

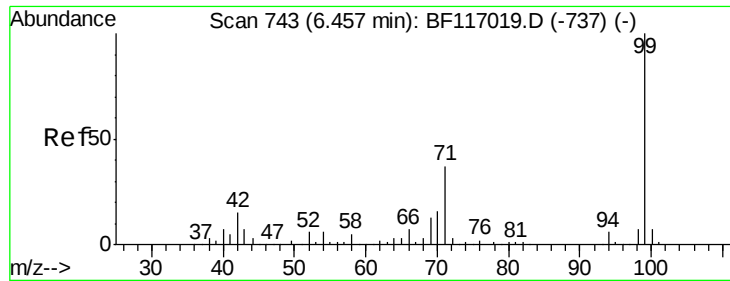
2-Fluorophenol
Concen: 88.526 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

Tgt Ion:112 Resp: 247424
Ion Ratio Lower Upper
112 100
64 54.1 45.7 68.5
63 29.9 24.9 37.3



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: 92.619 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

Instrument :

BNA_F

ClientSampleId :

TP-6

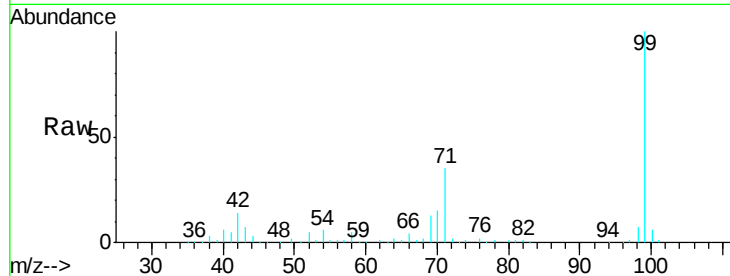
Tgt Ion: 99 Resp: 334545

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.2

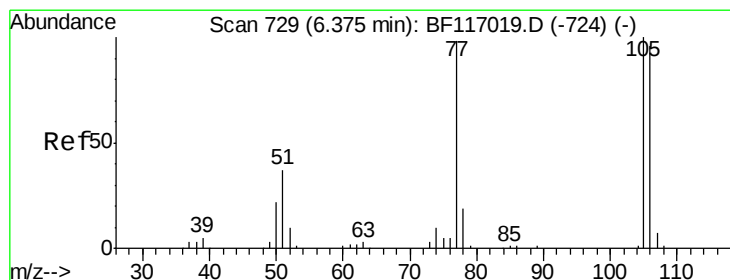
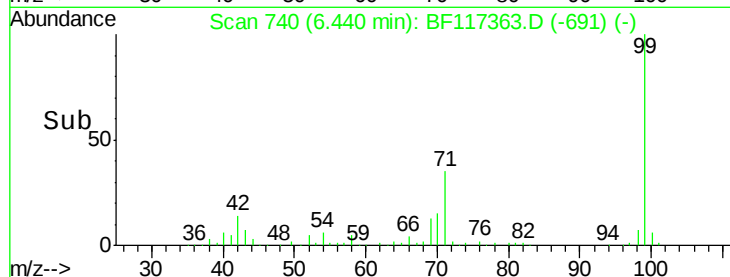
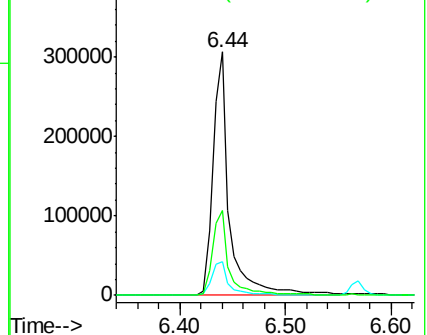
71 34.9 29.8 44.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 739

Delta R.T. 0.08 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

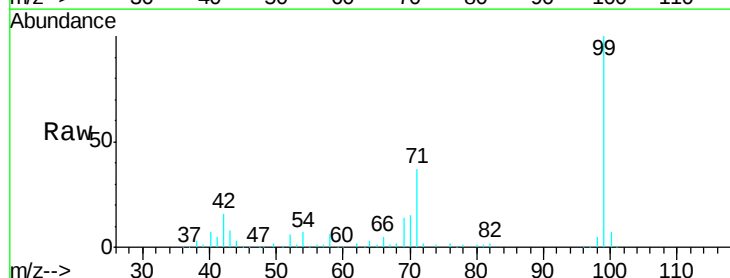
Tgt Ion: 77 Resp: 286

Ion Ratio Lower Upper

77 100

105 0.0 81.8 121.8#

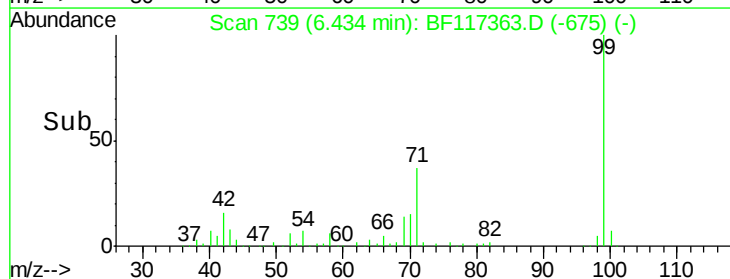
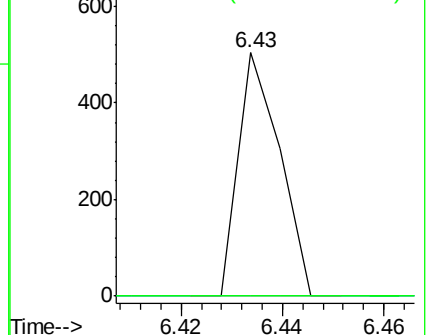
106 0.0 77.3 117.3#

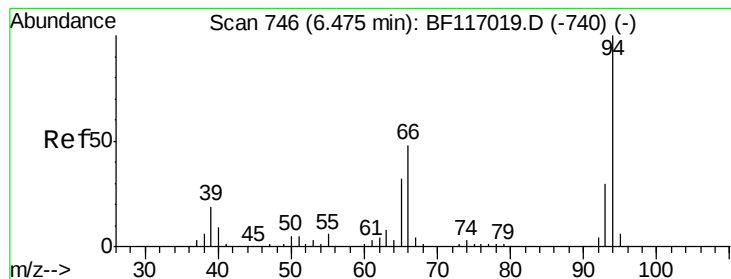


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 2.531 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

Instrument :

BNA_F

ClientSampled :

TP-6

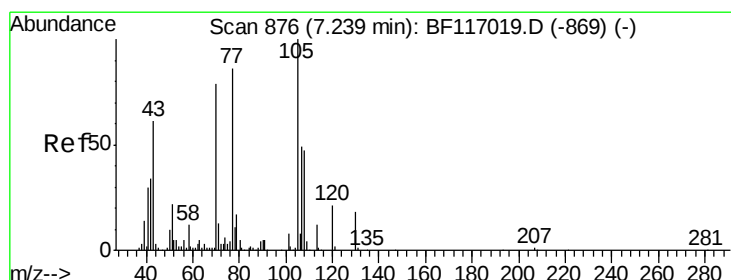
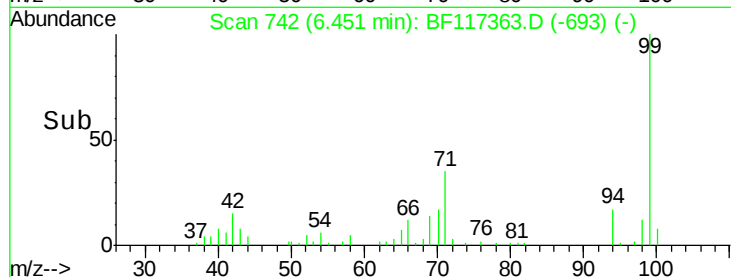
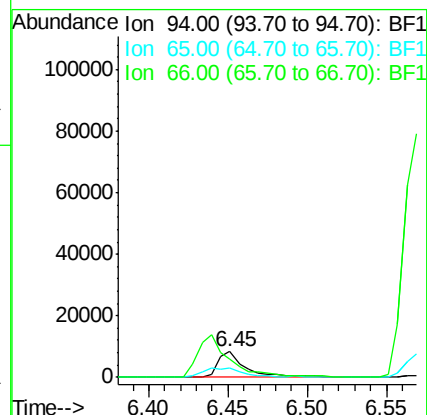
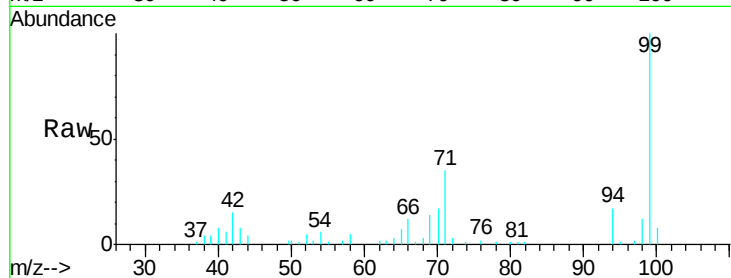
Tgt Ion: 94 Resp: 10078

Ion Ratio Lower Upper

94 100

65 38.6 12.5 52.5

66 70.3 28.9 68.9#



#19

n-Nitroso-di-n-propylamine

Concen: 12.262 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

Tgt Ion: 70 Resp: 26970

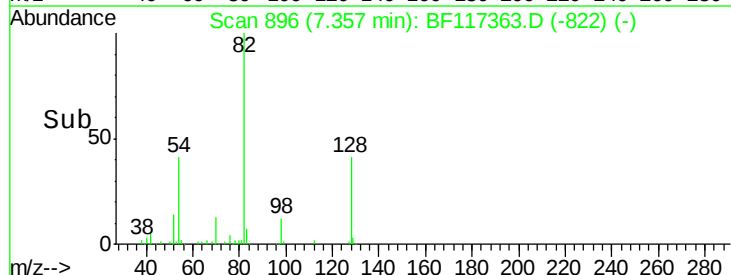
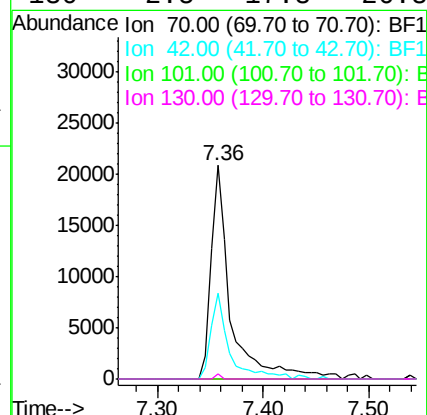
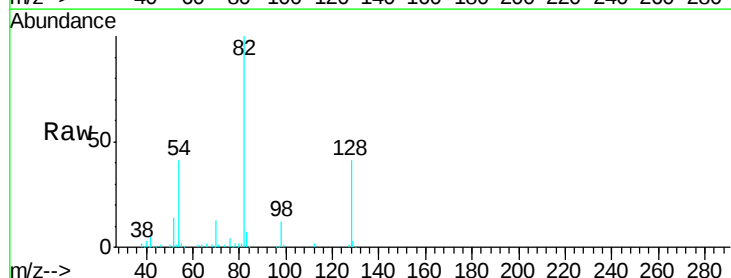
Ion Ratio Lower Upper

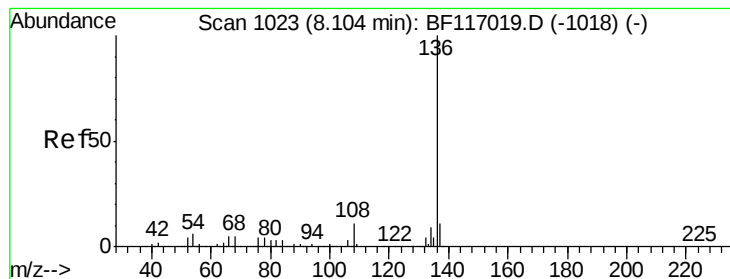
70 100

42 40.3 34.0 51.0

101 0.0 7.8 11.6#

130 2.5 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

Instrument :

BNA_F

ClientSampleId :

TP-6

Tgt Ion: 136 Resp: 181068

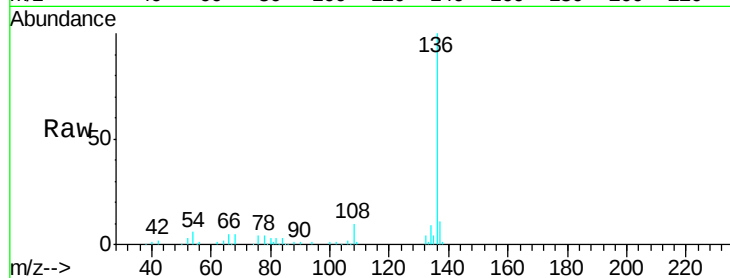
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.6 4.5 6.7

68 4.6 4.0 6.0

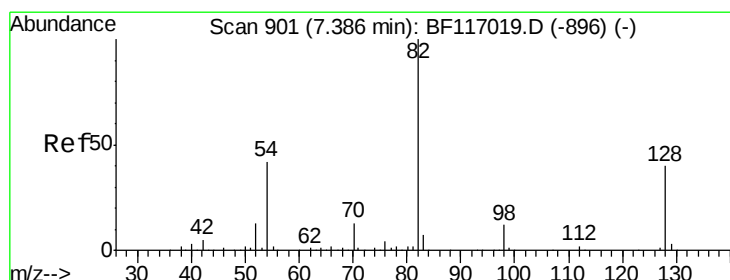
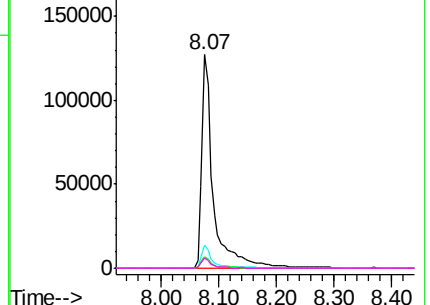
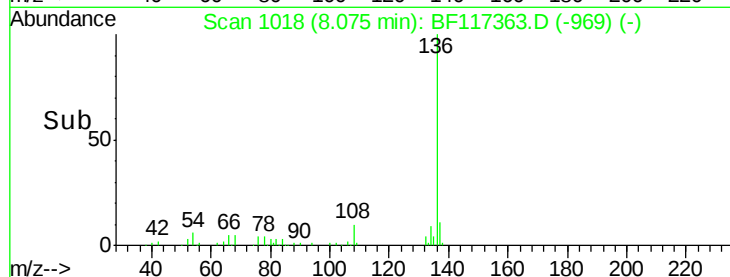


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.000 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

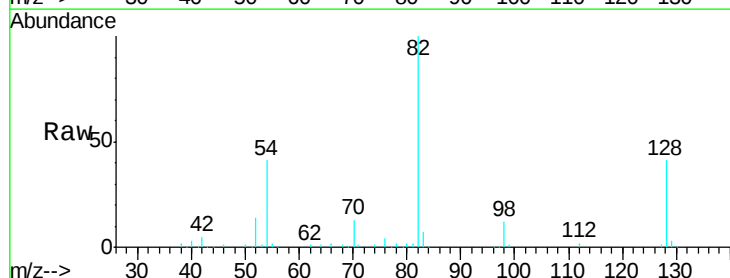
Tgt Ion: 82 Resp: 199876

Ion Ratio Lower Upper

82 100

128 41.2 32.3 48.5

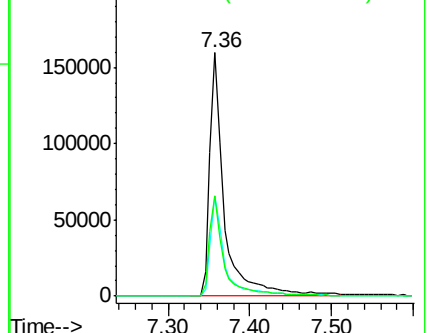
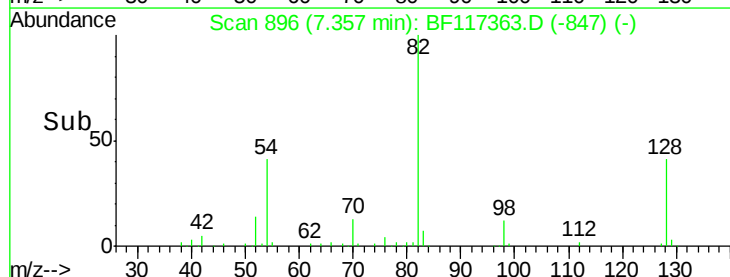
54 41.0 33.3 49.9

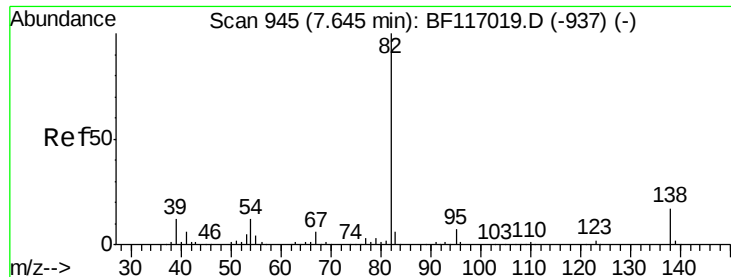


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.760 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

Instrument :

BNA_F

ClientSampleId :

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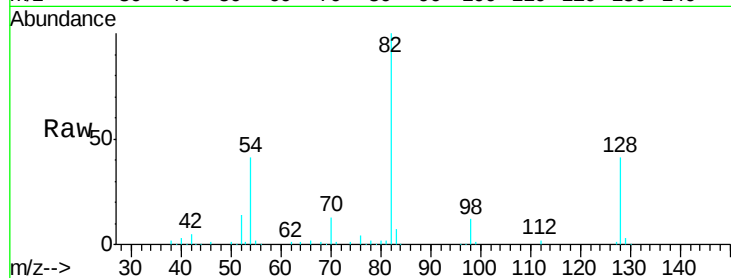
Tgt Ion: 82 Resp: 199893

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

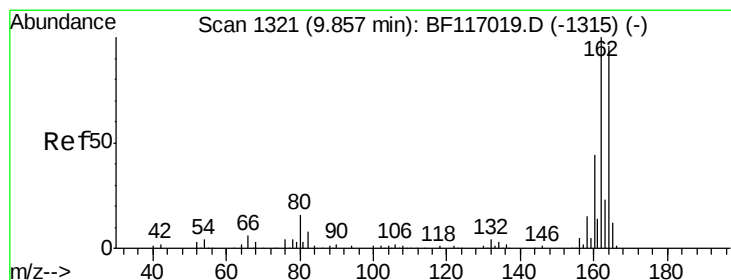
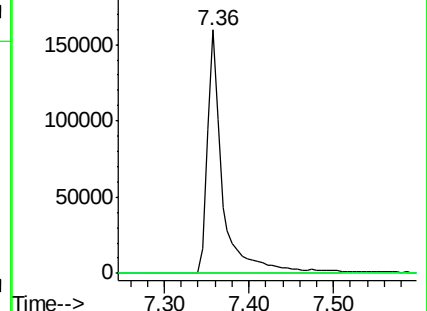
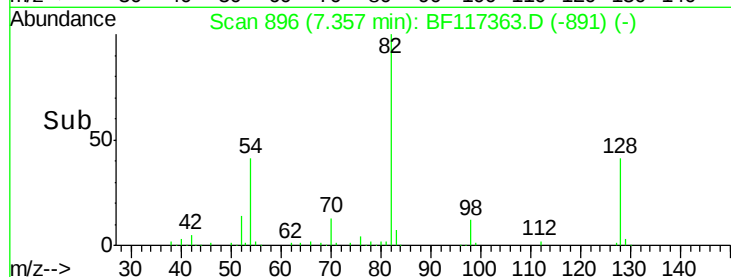
138 0.0 13.5 20.3#



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: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

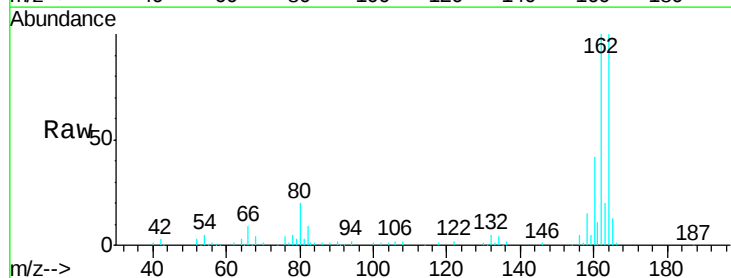
Tgt Ion: 164 Resp: 94442

Ion Ratio Lower Upper

164 100

162 100.4 83.4 125.2

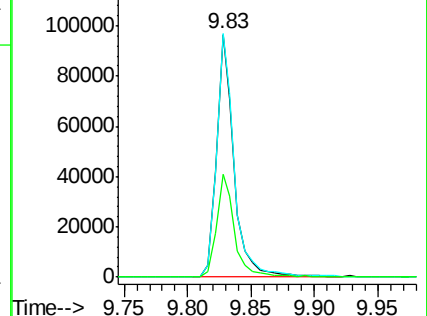
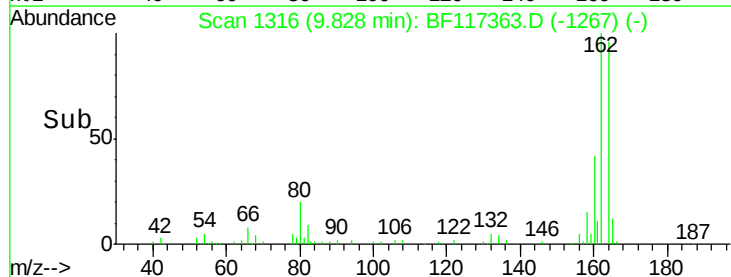
160 42.2 36.4 54.6

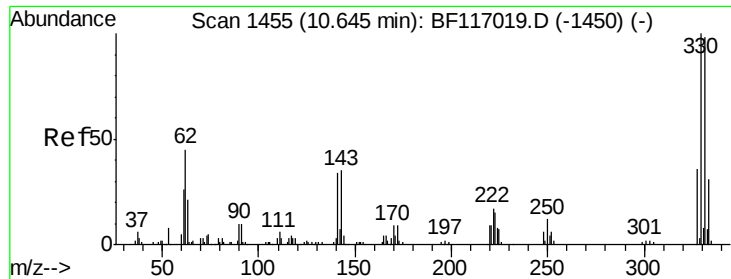


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 87.702 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

Instrument :

BNA_F

ClientSampleId :

TP-6

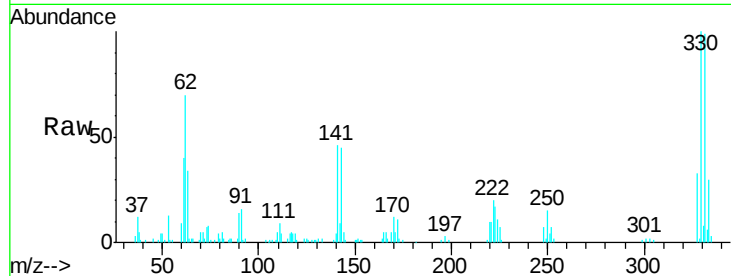
Tgt Ion:330 Resp: 69225

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

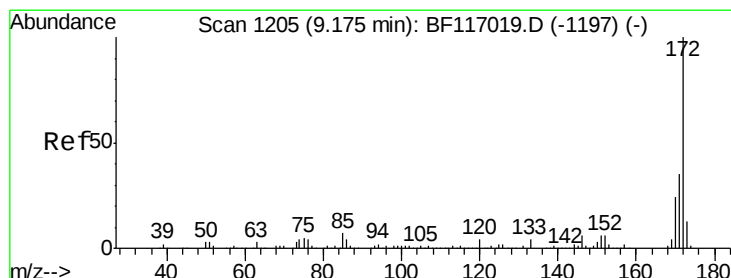
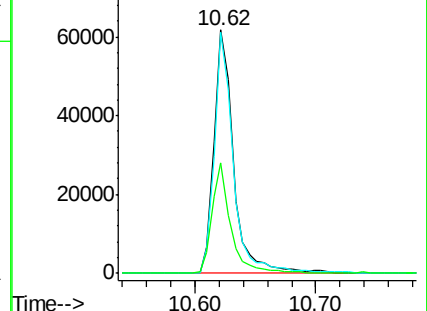
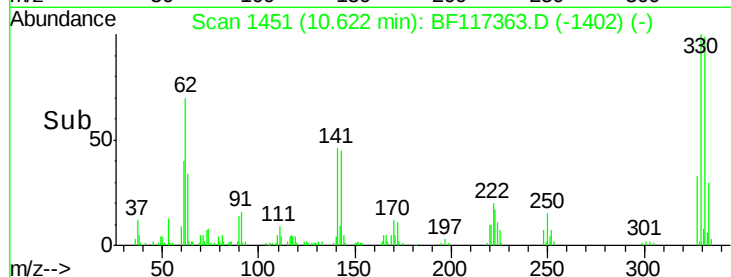
141 43.1 35.8 53.6



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: 57.884 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

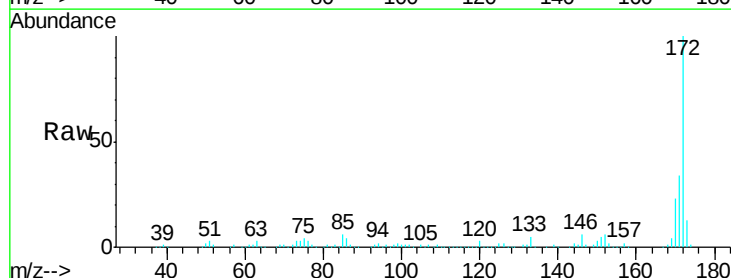
Tgt Ion:172 Resp: 349627

Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.2

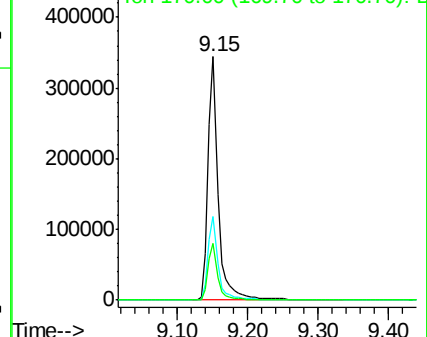
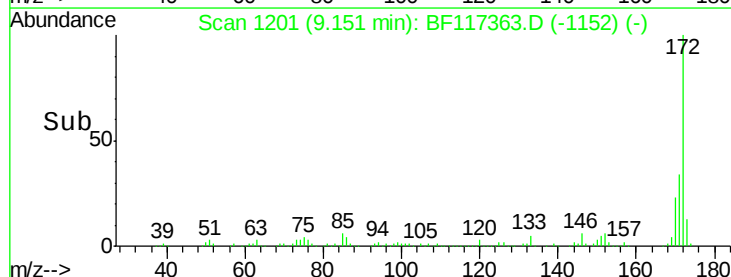
170 23.1 18.9 28.3

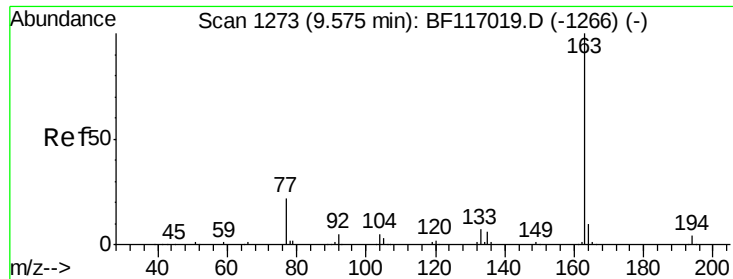


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

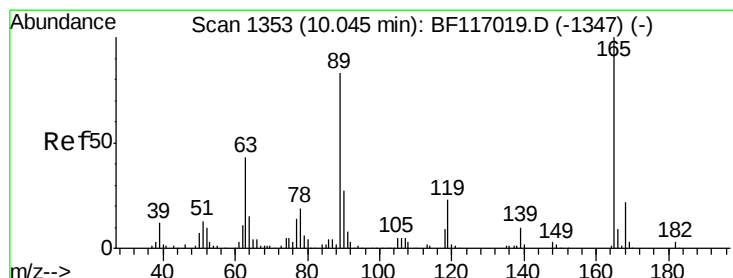
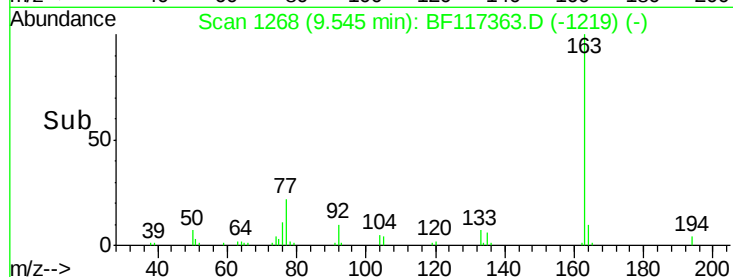
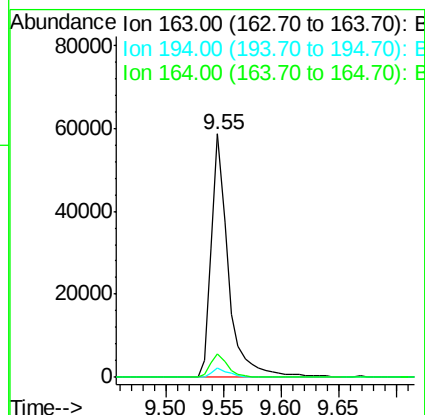
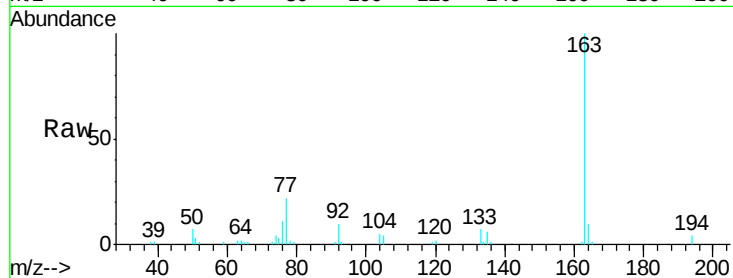




#50
Dimethylphthalate
Concen: 9.053 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

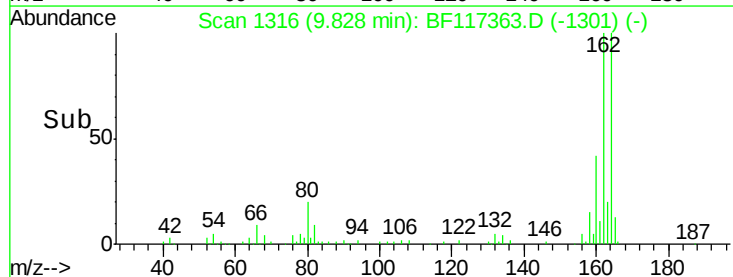
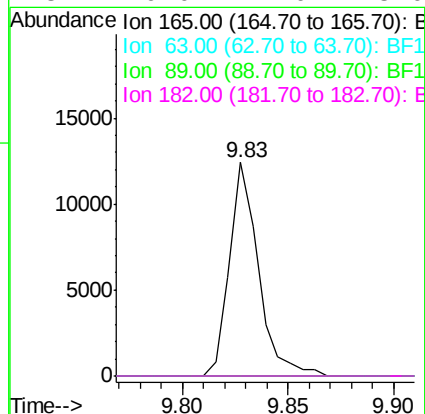
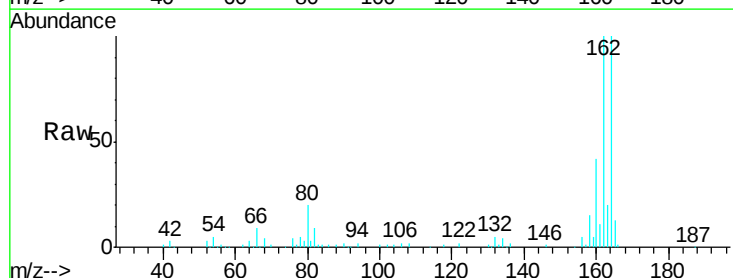
Instrument :
BNA_F
ClientSampleId :
TP-6

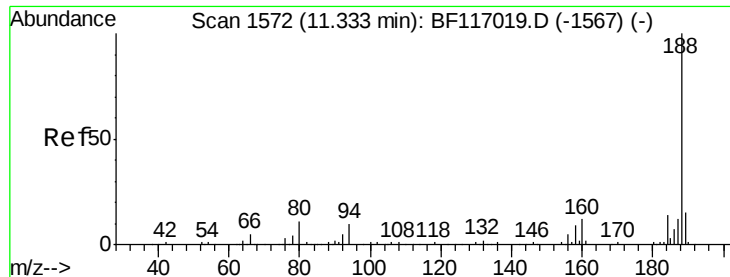
Tgt Ion:163 Resp: 60540
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.8 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.654 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.21 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

Tgt Ion:165 Resp: 11763
Ion Ratio Lower Upper
165 100
63 0.0 35.0 52.4#
89 0.0 66.1 99.1#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

Instrument :

BNA_F

ClientSampleId :

TP-6

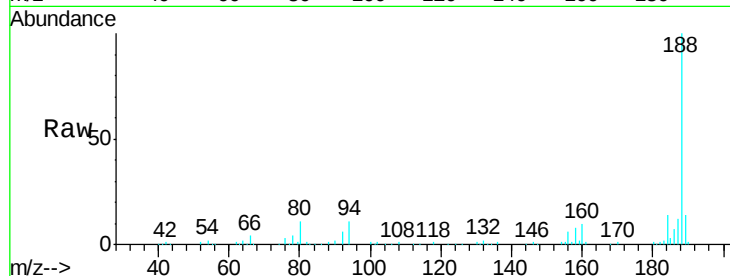
Tgt Ion:188 Resp: 159610

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.2

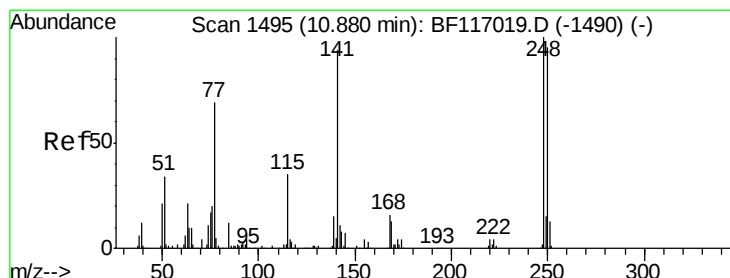
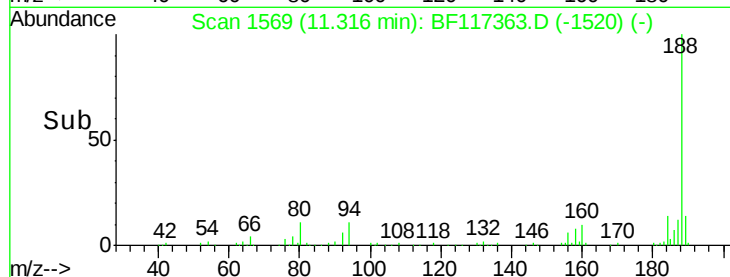
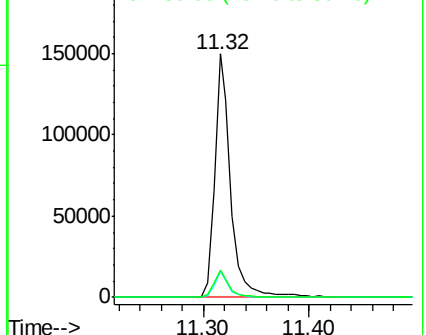
80 11.1 9.0 13.6



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: 2.724 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.25 min

Lab File: BF117363.D

Acq: 10 Oct 2019 16:42

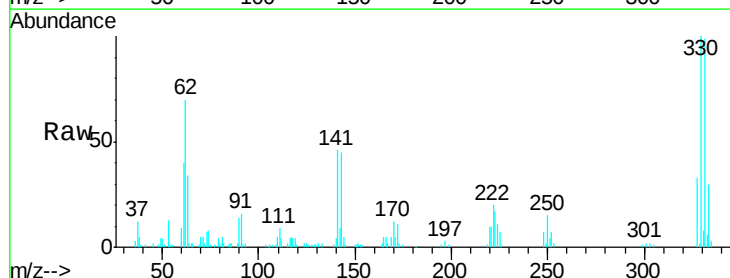
Tgt Ion:248 Resp: 4440

Ion Ratio Lower Upper

248 100

250 223.9 76.2 114.4#

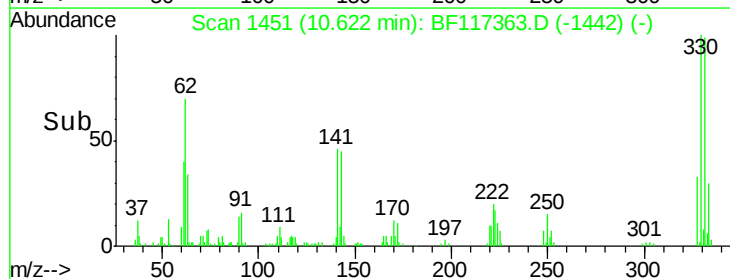
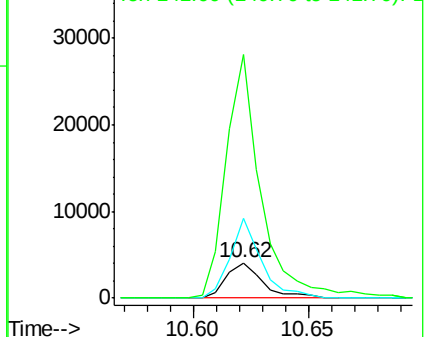
141 686.2 75.0 112.4#

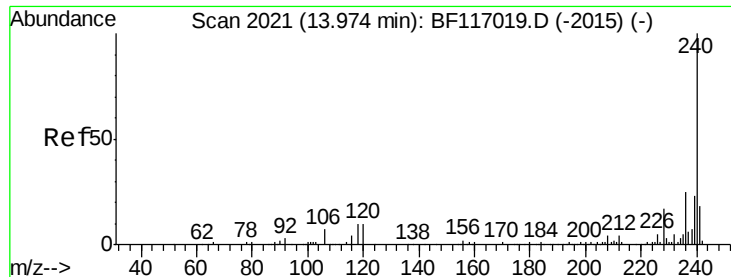


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

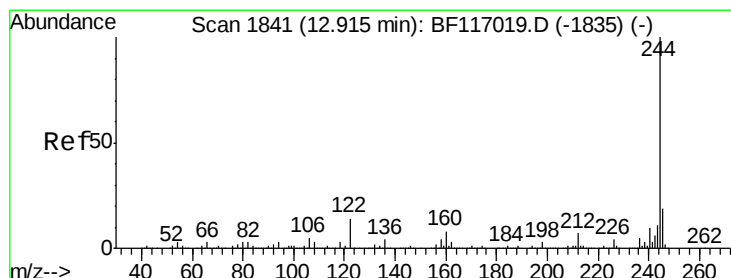
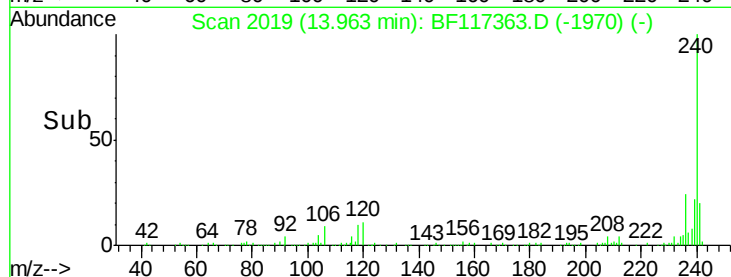
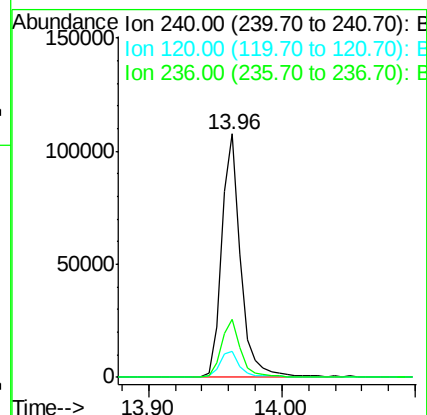
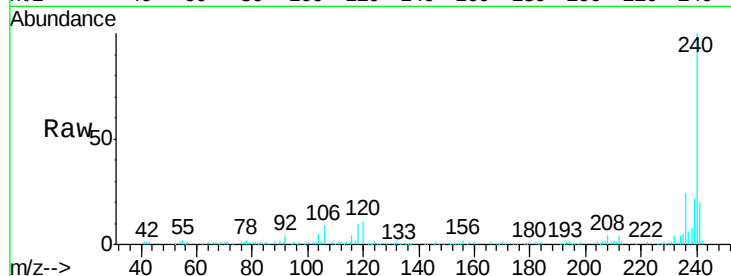




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

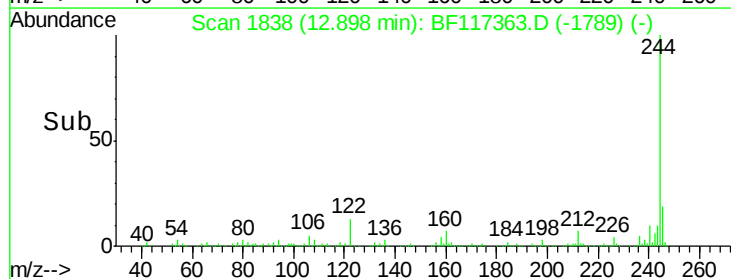
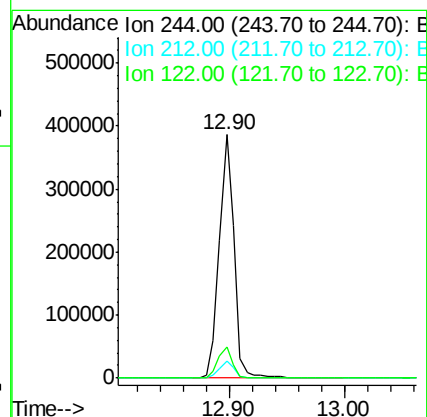
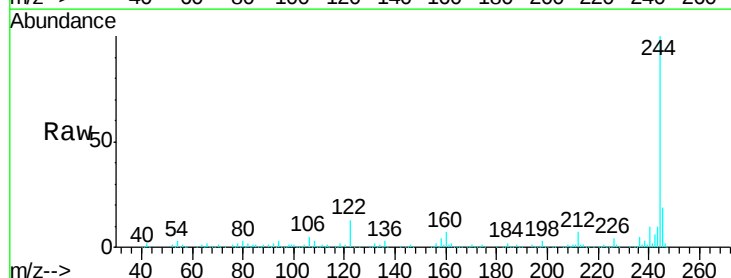
Instrument :
BNA_F
ClientSampleId :
TP-6

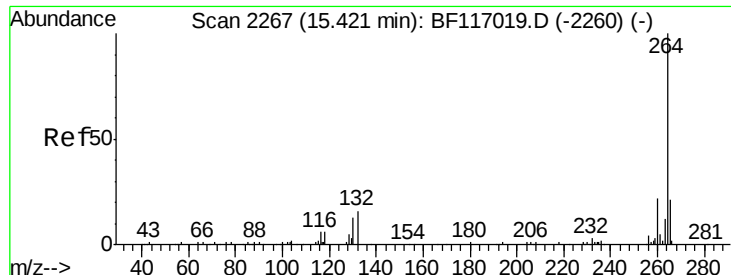
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	23.9	20.3	30.5



#79
Terphenyl-d14
Concen: 59.434 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.6	11.3	16.9

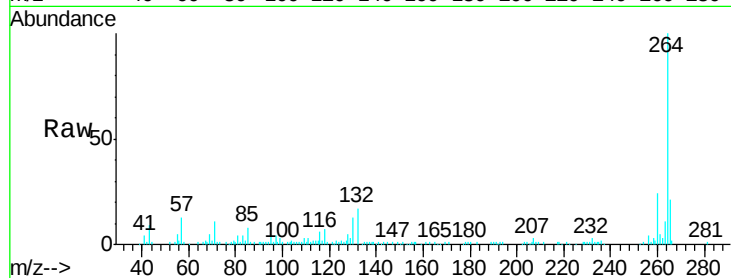




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF117363.D
Acq: 10 Oct 2019 16:42

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.6	26.4
265	20.8	16.6	24.8



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

