

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117255.D
 Acq On : 25 Sep 2019 21:58
 Operator : JU
 Sample : K5020-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:31:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	35100	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	131564	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	59591	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	79841	20.00	ng	0.00
76) Chrysene-d12	13.97	240	59525	20.00	ng	0.00
87) Perylene-d12	15.43	264	55250	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	236352	105.13	ng	0.00
7) Phenol-d6	6.46	99	310189	106.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	191365	76.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	47131	94.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	309373	81.17	ng	0.00
79) Terphenyl-d14	12.92	244	224331	70.45	ng	0.00

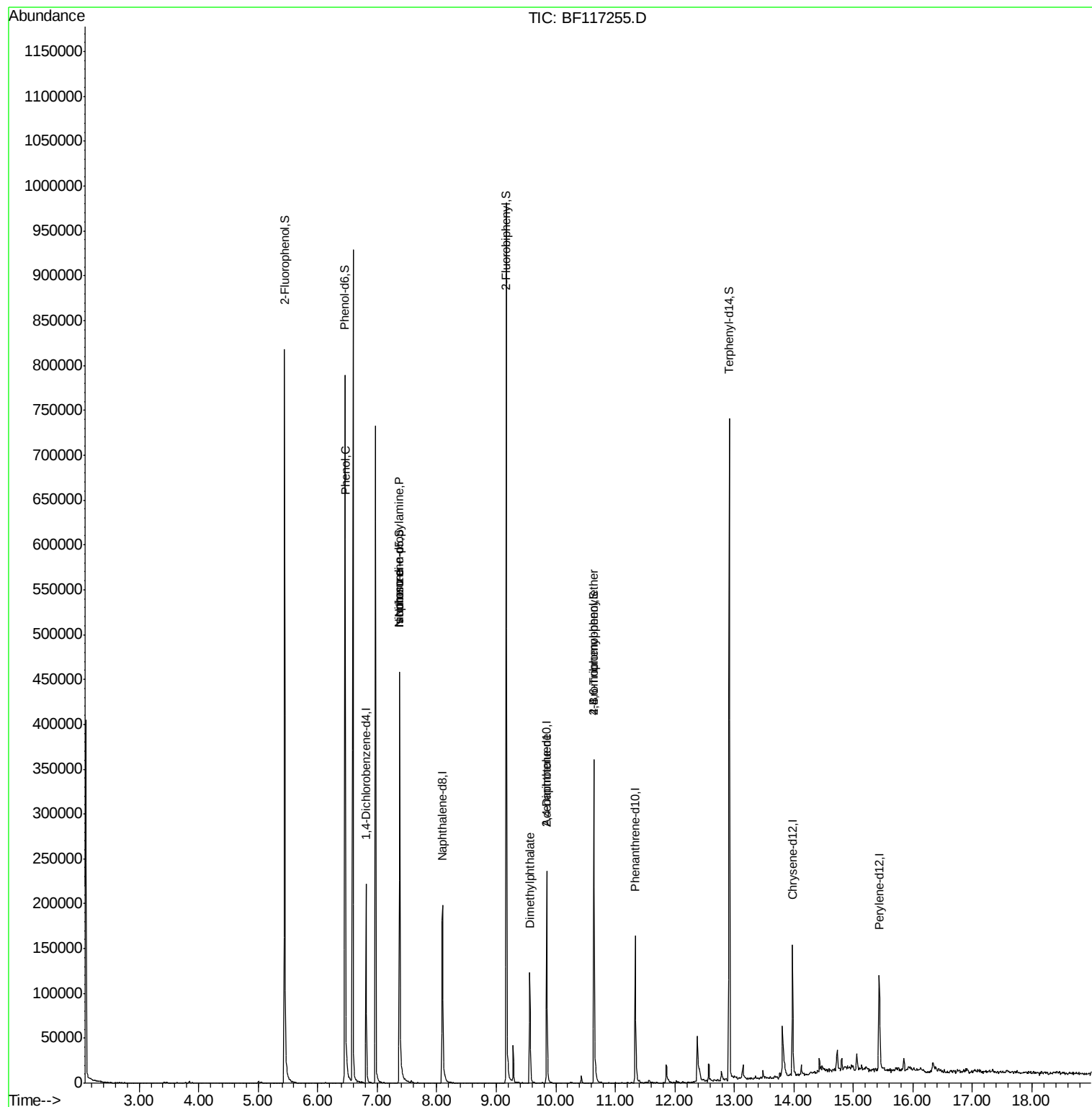
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	295	Below Cal	#	1
10) Phenol	6.47	94	7520	2.348	ng	# 77
19) n-Nitroso-di-n-propylamine	7.37	70	24998	14.129	ng	# 81
25) Isophorone	7.37	82	191364	43.164	ng	# 66
50) Dimethylphthalate	9.56	163	59652	14.138	ng	99
57) 2,4-Dinitrotoluene	9.85	165	7476	6.702	ng	# 18
67) 4-Bromophenyl-phenylether	10.64	248	2843	3.487	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
Data File : BF117255.D
Acq On : 25 Sep 2019 21:58
Operator : JU
Sample : K5020-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 02:31:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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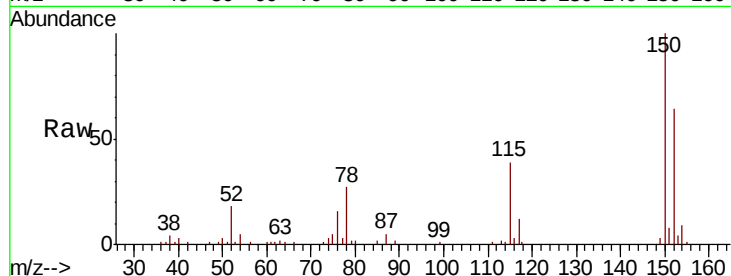


#1

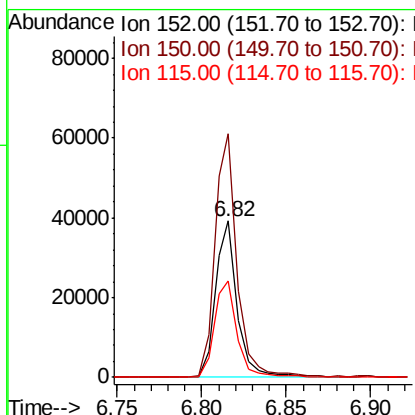
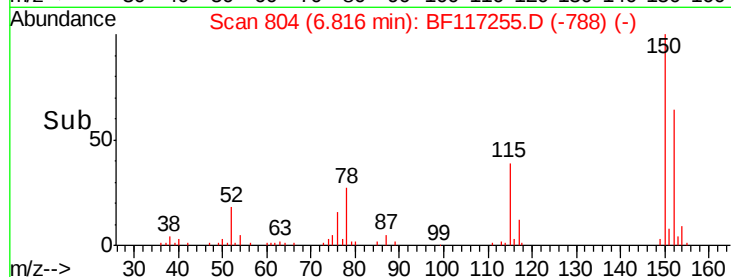
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117255.D
Acq: 25 Sep 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 35100
Ion Ratio Lower Upper
152 100
150 155.9 127.5 191.3
115 61.6 55.0 82.4



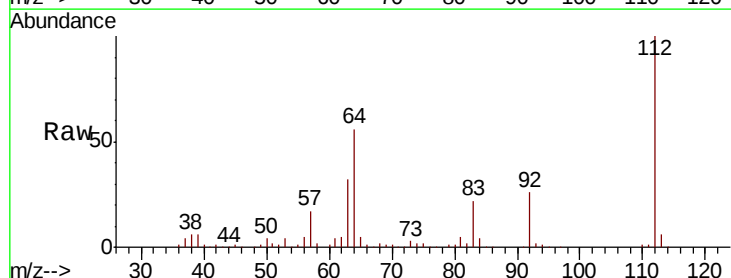
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



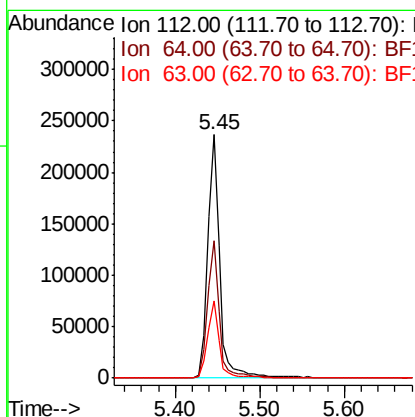
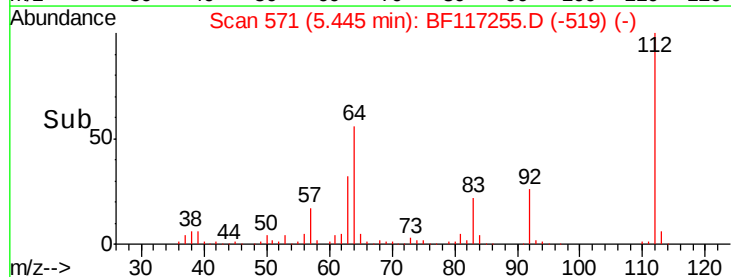
#5

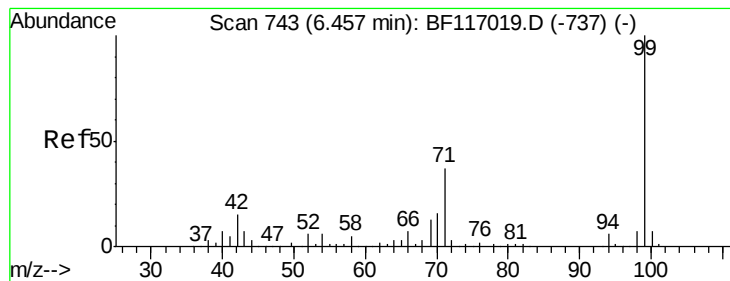
2-Fluorophenol
Concen: 105.129 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117255.D
Acq: 25 Sep 2019 21:58

Tgt Ion:112 Resp: 236352
Ion Ratio Lower Upper
112 100
64 56.3 45.7 68.5
63 31.7 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: 106.760 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

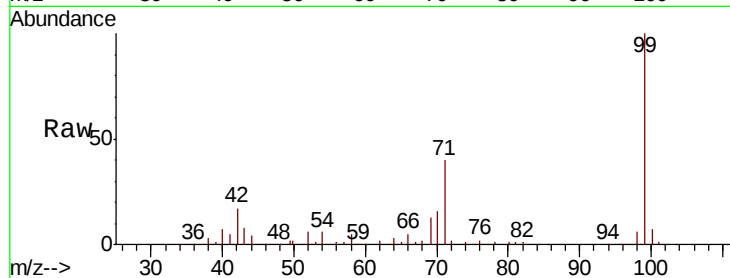
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 310189

Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.2	18.2
71	39.7	29.8	44.8

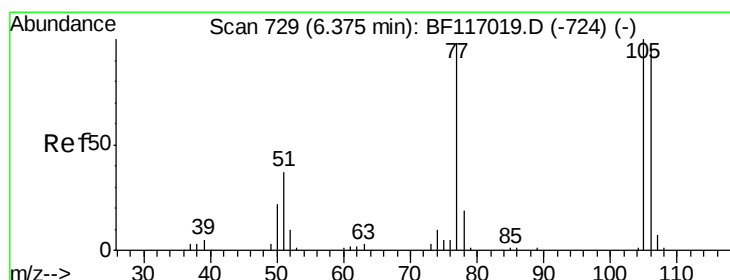
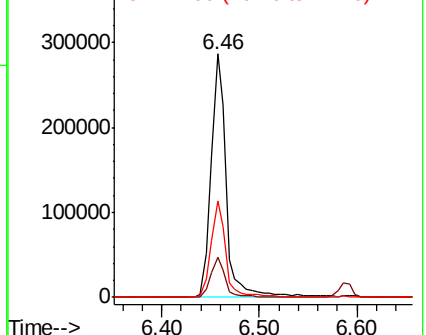
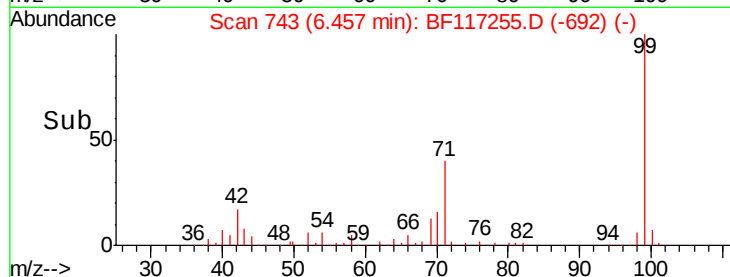


Abundance

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: 6.46 min Scan# 744

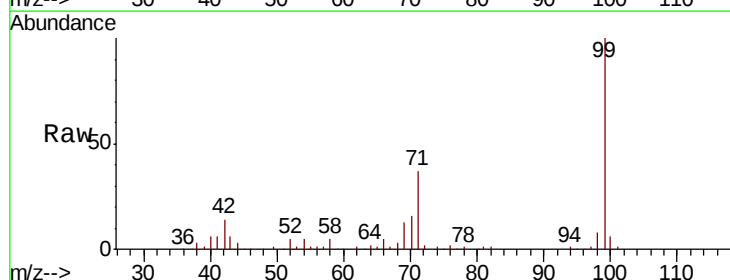
Delta R.T. 0.09 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

Tgt Ion: 77 Resp: 295

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.8	121.8#
106	0.0	77.3	117.3#

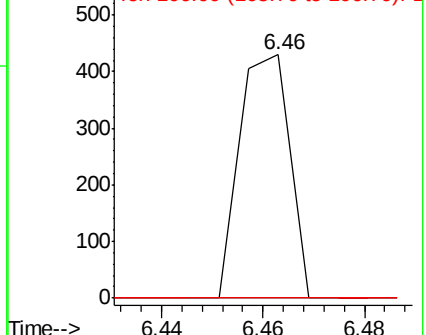
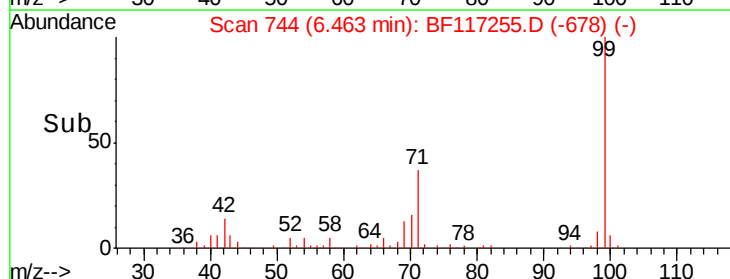


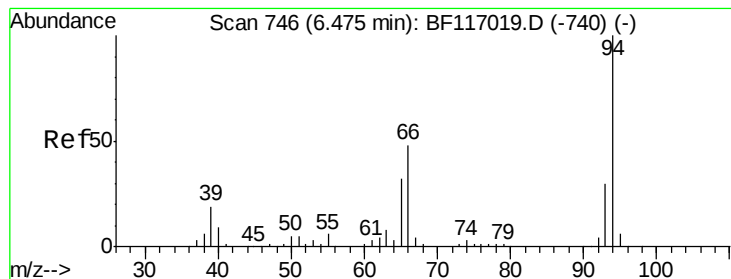
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.348 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

Instrument :

BNA_F

ClientSampled :

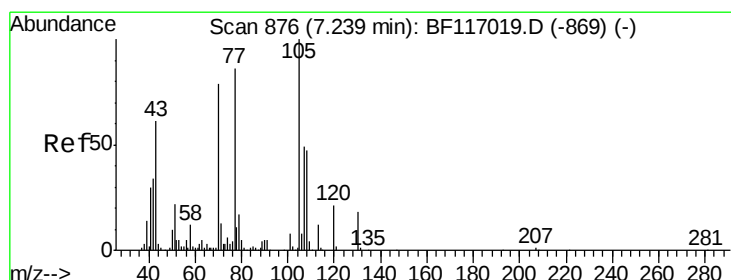
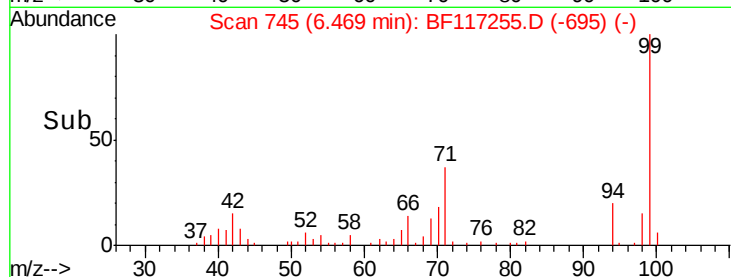
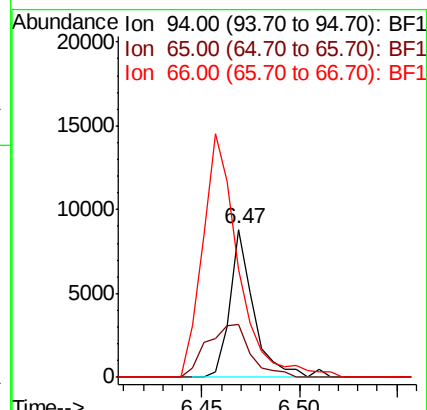
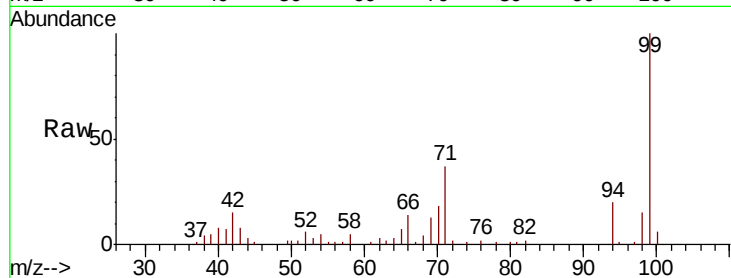
Tot Ion: 94 Resp: 7520

Ion Ratio Lower Upper

94 100

65 35.6 12.5 52.5

66 72.7 28.9 68.9#



#19

n-Nitroso-di-n-propylamine

Concen: 14.129 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

Tgt Ion: 70 Resp: 24998

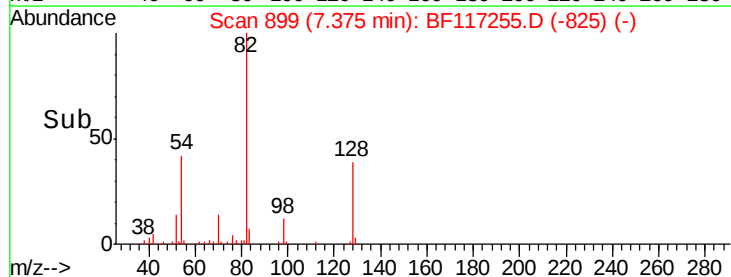
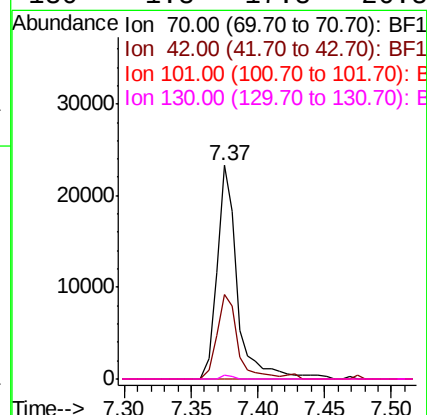
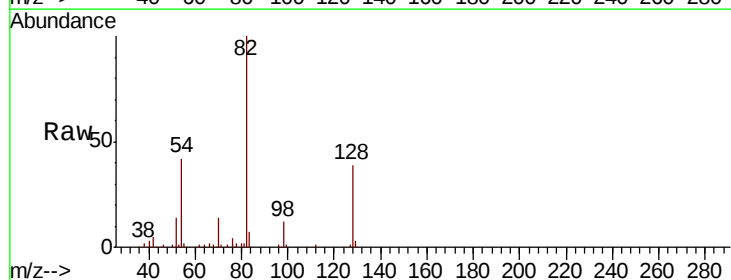
Ion Ratio Lower Upper

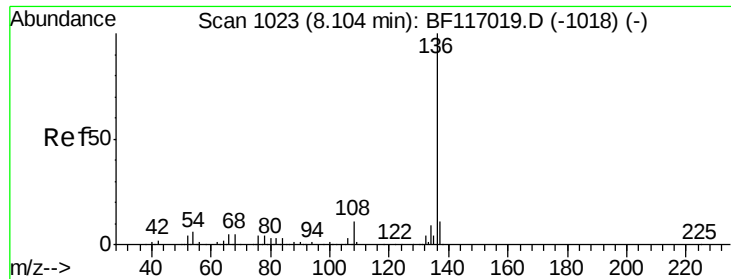
70 100

42 39.8 34.0 51.0

101 0.0 7.8 11.6#

130 1.8 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 131564

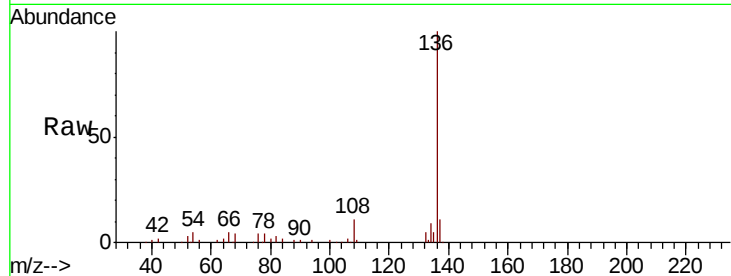
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.2 4.5 6.7

68 4.1 4.0 6.0

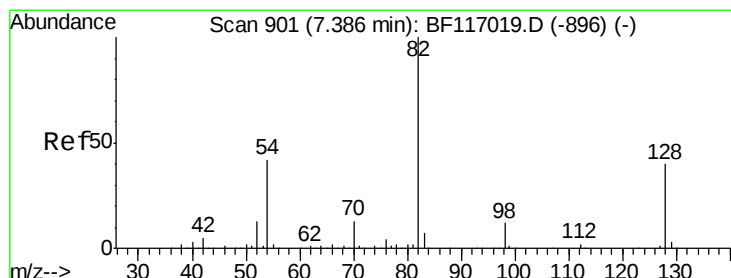
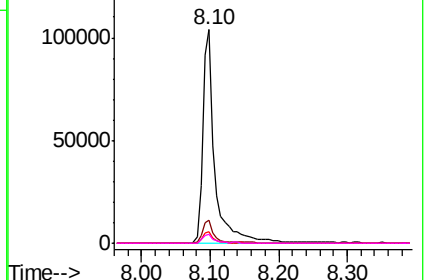
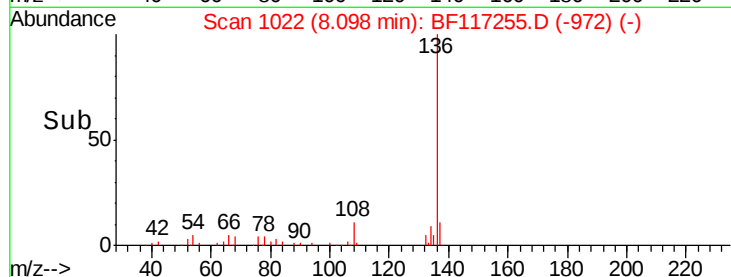


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.425 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

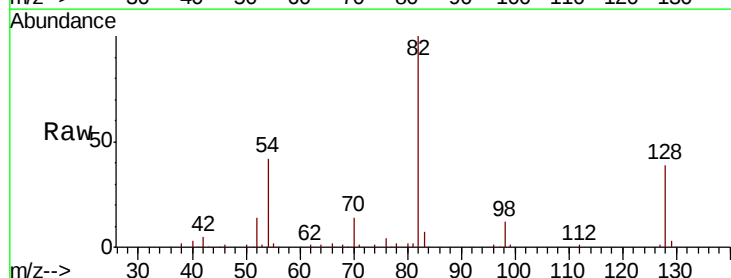
Tgt Ion: 82 Resp: 191365

Ion Ratio Lower Upper

82 100

128 39.4 32.3 48.5

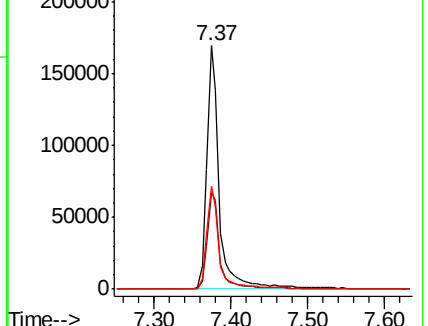
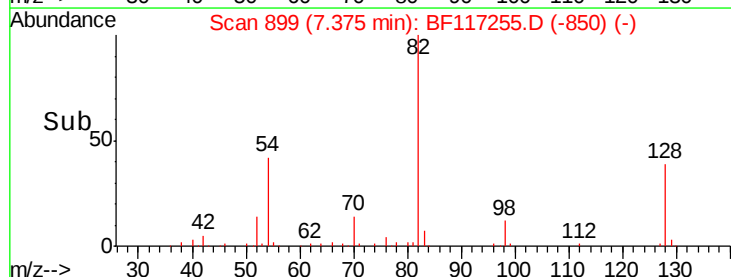
54 42.1 33.3 49.9

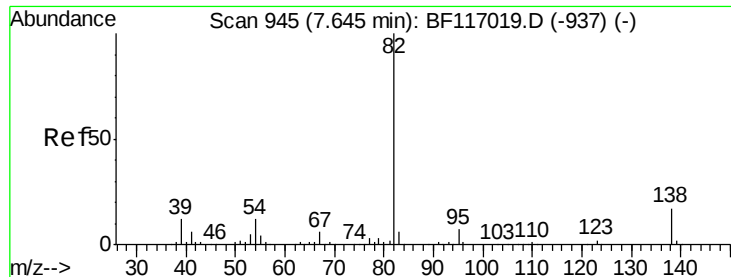


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.164 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.27 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

Instrument :

BNA_F

ClientSampleId :

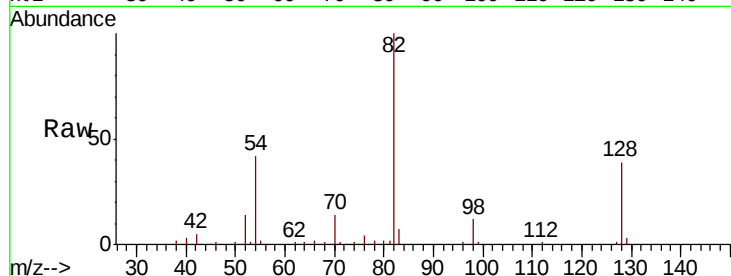
Tot Ion: 82 Resp: 191364

Ion Ratio Lower Upper

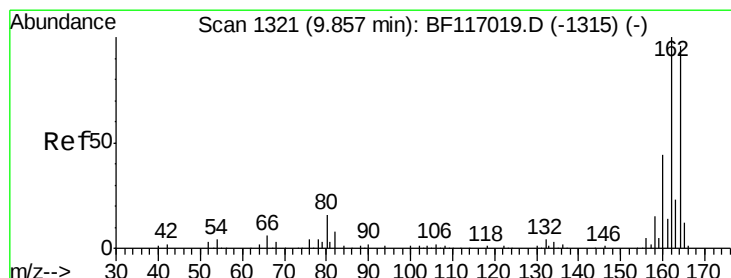
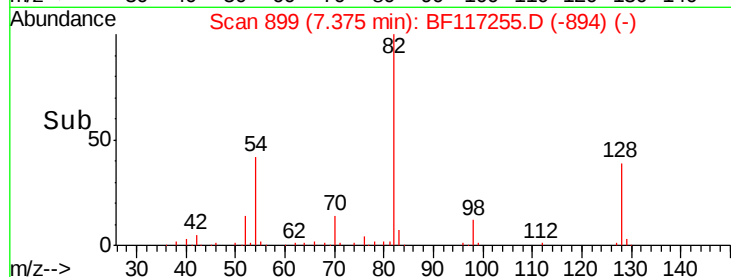
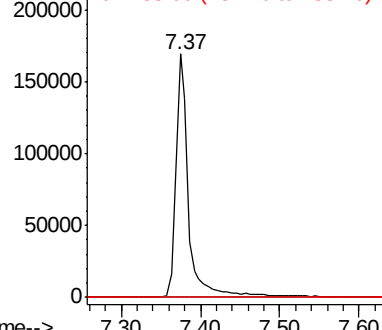
82 100

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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

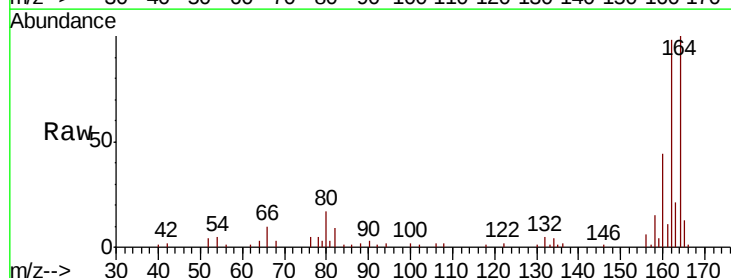
Tgt Ion: 164 Resp: 59591

Ion Ratio Lower Upper

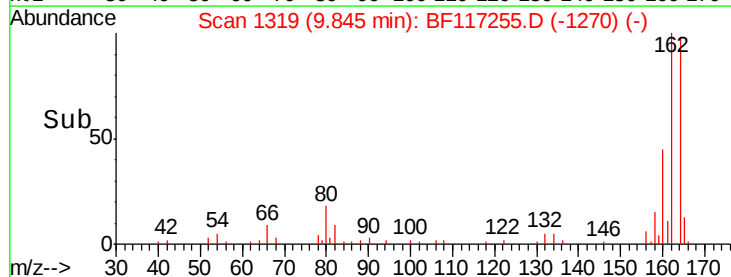
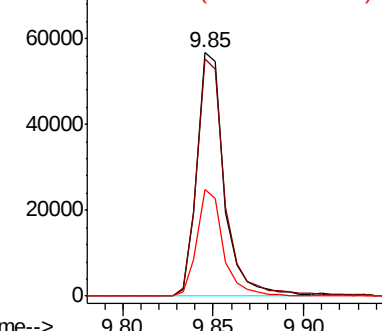
164 100

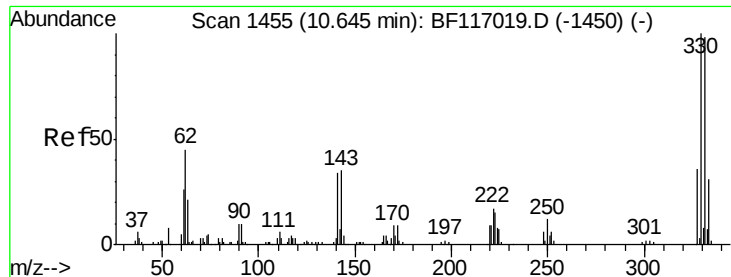
162 97.6 83.4 125.2

160 43.8 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: 94.632 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

Instrument :

BNA_F

ClientSampled :

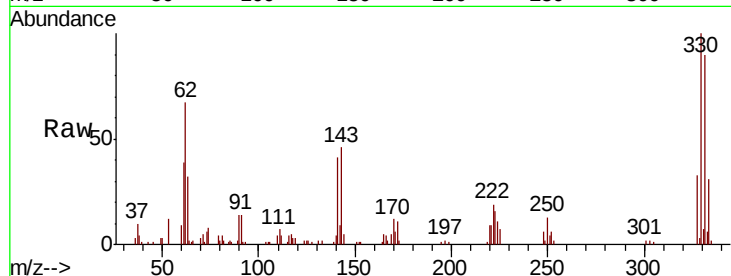
Tot Ion:330 Resp: 47131

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

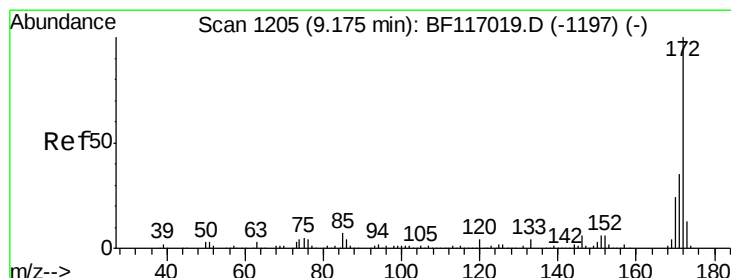
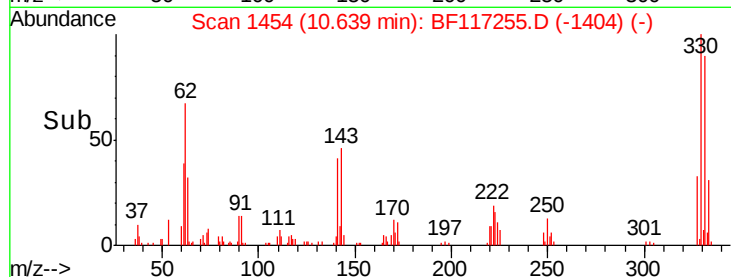
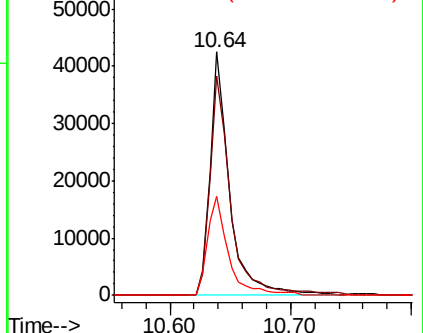
141 43.8 35.8 53.6



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: 81.175 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF117255.D

Acq: 25 Sep 2019 21:58

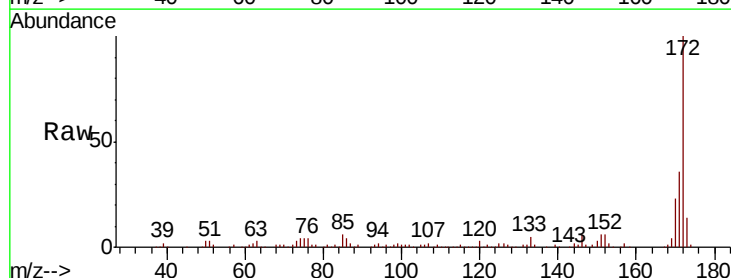
Tgt Ion:172 Resp: 309373

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

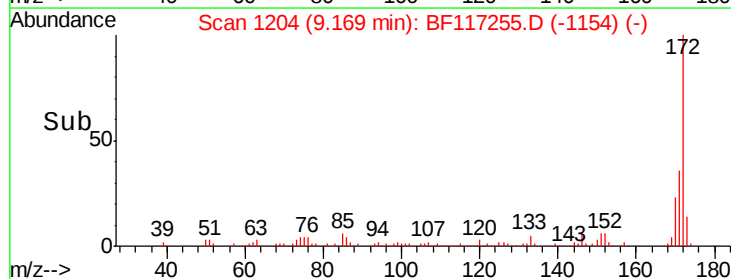
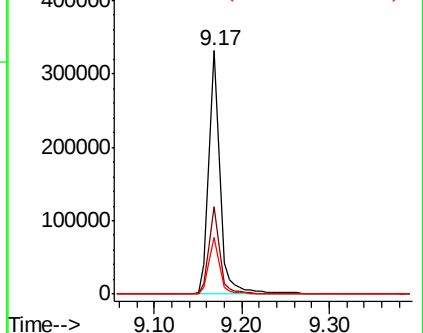
170 23.3 18.9 28.3

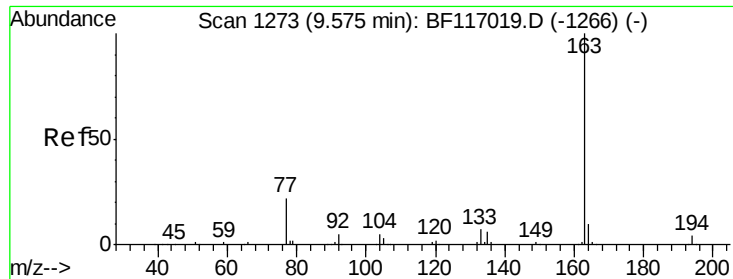


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

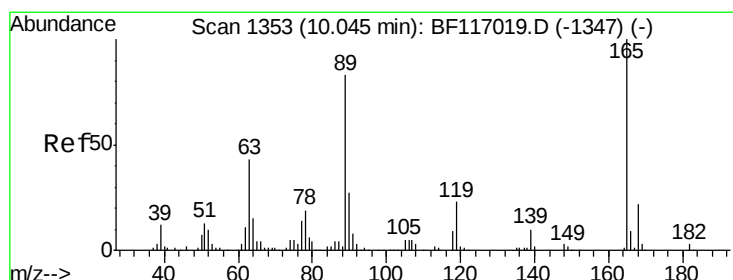
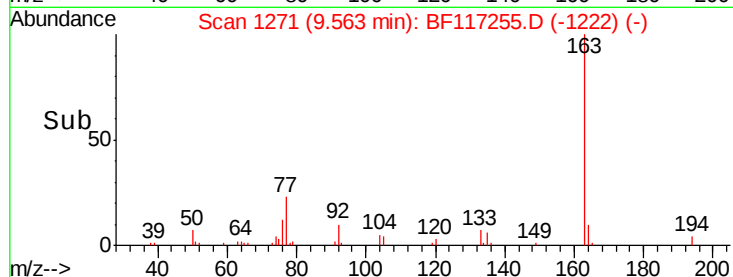
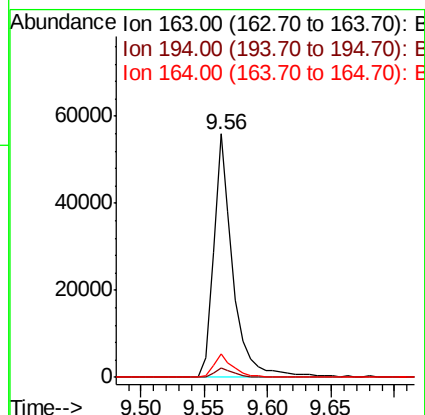
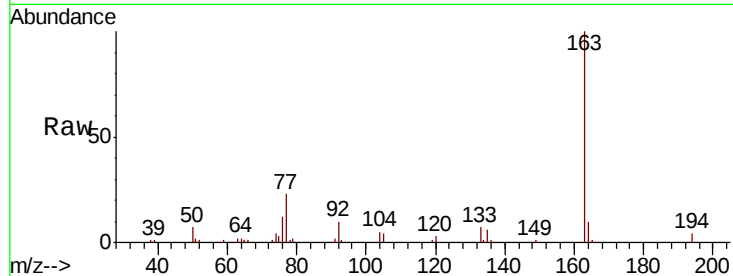




#50
 Dimethylphthalate
 Concen: 14.138 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF117255.D
 Acq: 25 Sep 2019 21:58

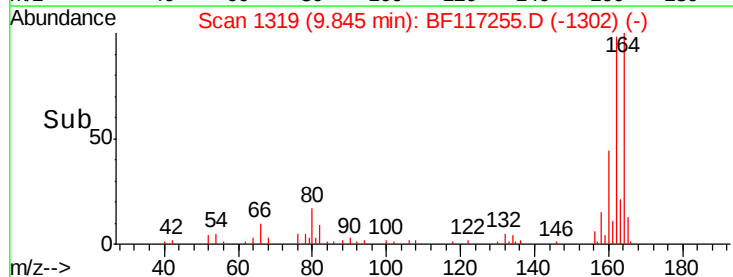
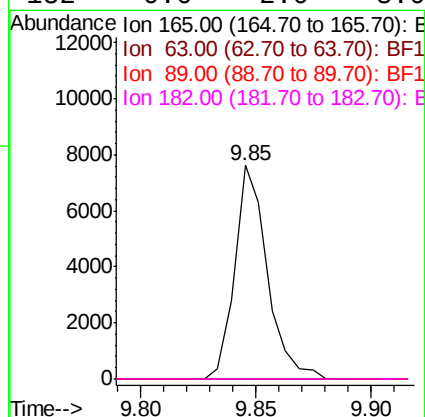
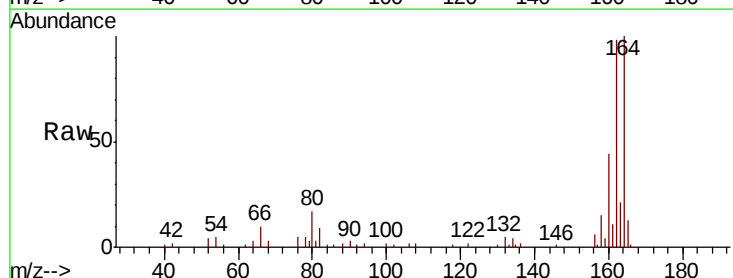
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163	Resp:	59652
Ion Ratio	Lower	Upper
163	100	
194	3.7	2.9 4.3
164	9.7	8.2 12.4



#57
 2,4-Dinitrotoluene
 Concen: 6.702 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF117255.D
 Acq: 25 Sep 2019 21:58

Tgt Ion:165	Resp:	7476
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#

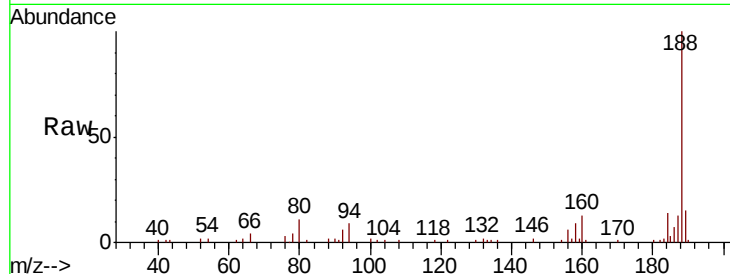




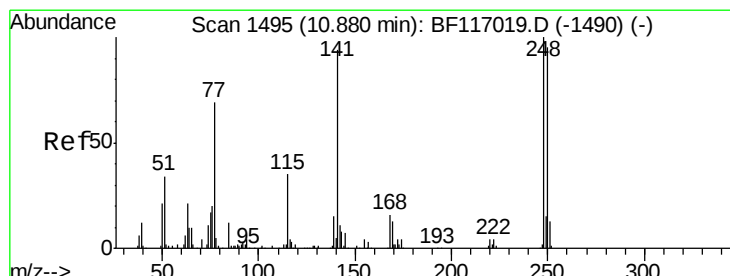
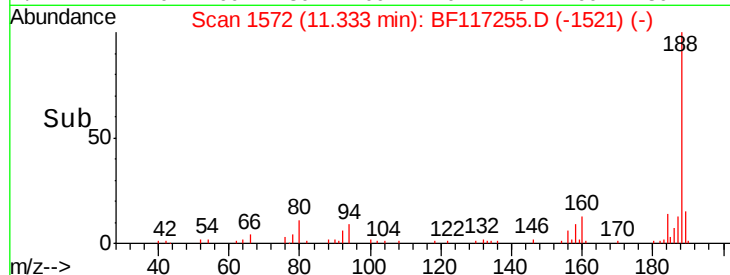
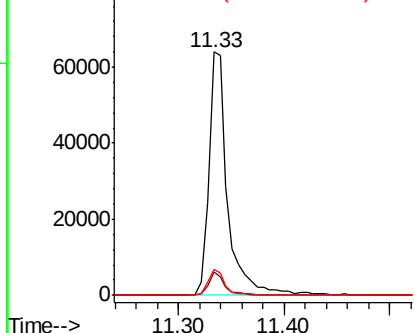
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117255.D
 Acq: 25 Sep 2019 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 79841
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.2 12.2
 80 10.6 9.0 13.6

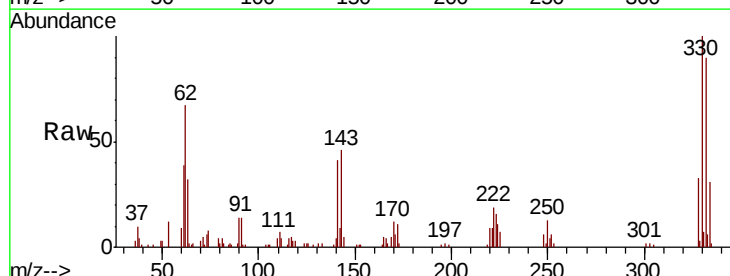


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

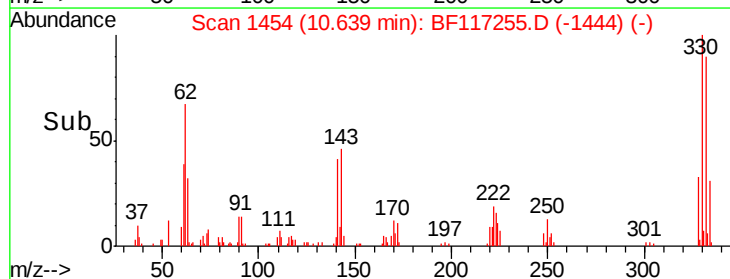
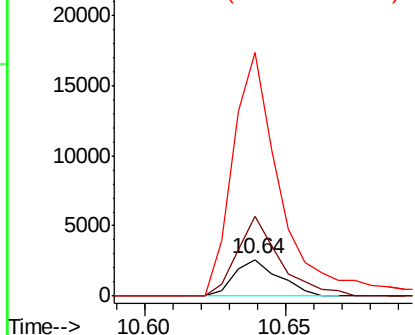


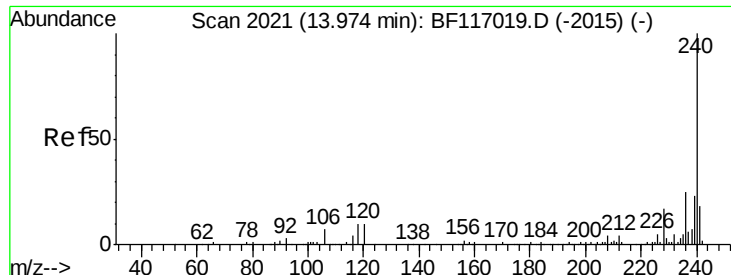
#67
 4-Bromophenyl-phenylether
 Concen: 3.487 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117255.D
 Acq: 25 Sep 2019 21:58

Tgt Ion:248 Resp: 2843
 Ion Ratio Lower Upper
 248 100
 250 218.0 76.2 114.4#
 141 662.0 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

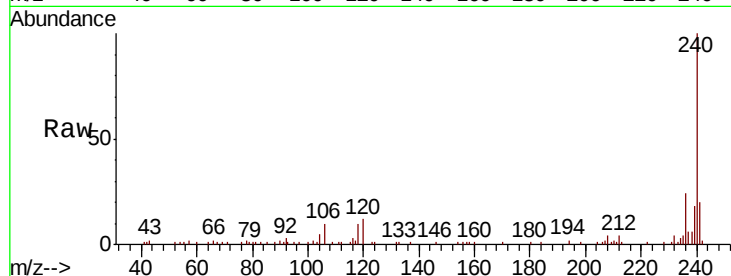




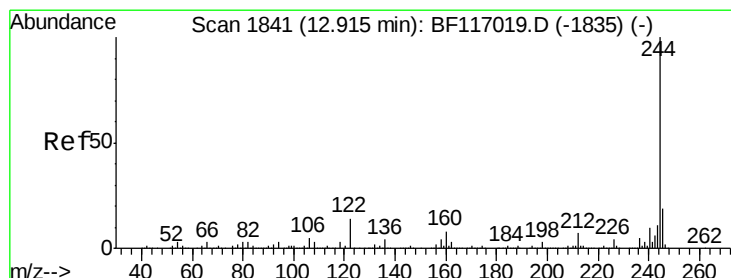
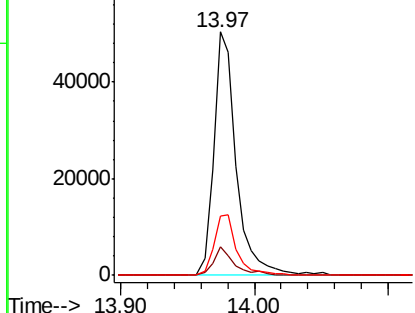
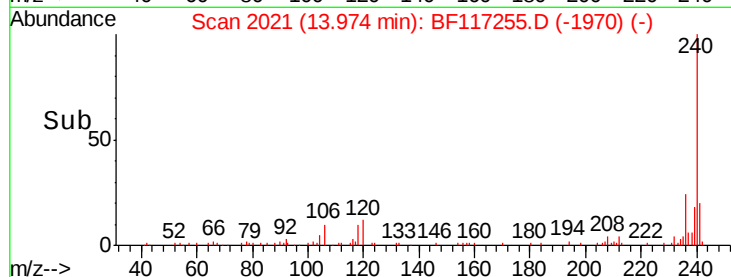
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117255.D
Acq: 25 Sep 2019 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 59525
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 24.3 20.3 30.5

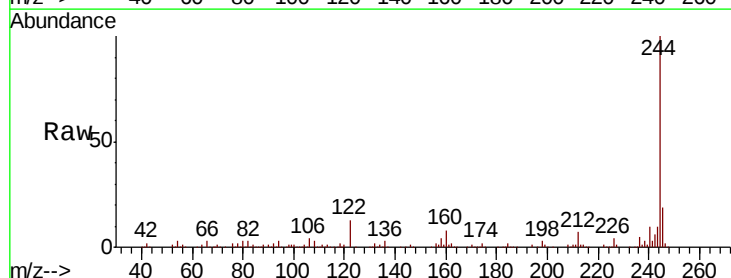


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

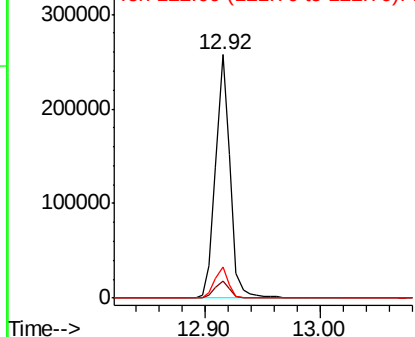
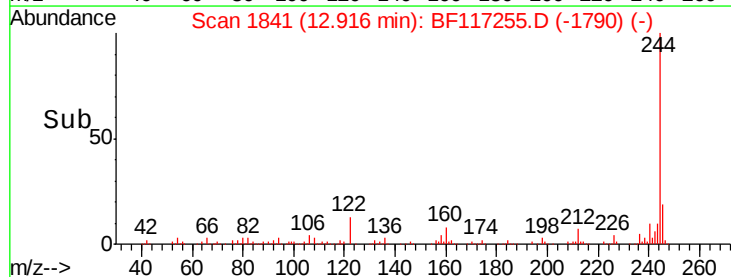


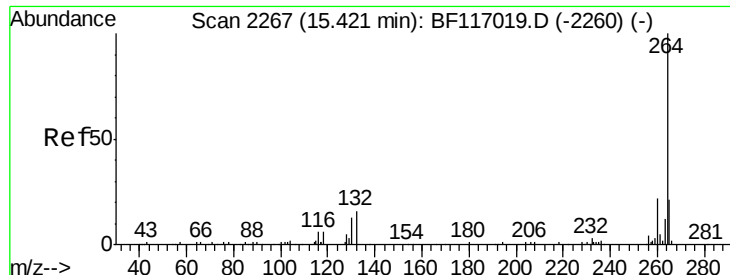
#79
Terphenyl-d14
Concen: 70.445 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117255.D
Acq: 25 Sep 2019 21:58

Tgt Ion:244 Resp: 224331
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 12.8 11.3 16.9



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117255.D
 Acq: 25 Sep 2019 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.5	17.6	26.4
265	22.7	16.6	24.8

