

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111519\
 Data File : BF117798.D
 Acq On : 15 Nov 2019 11:02
 Operator : JU
 Sample : PB124616BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124616BL

Quant Time: Nov 15 16:34:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	359785	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1404404	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	752484	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1459631	20.00	ng	0.00
76) Chrysene-d12	14.11	240	1171490	20.00	ng	0.00
87) Perylene-d12	15.62	264	1134081	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	2628182	129.30	ng	0.02
7) Phenol-d6	6.55	99	3292249	134.29	ng	0.00
23) Nitrobenzene-d5	7.49	82	2147301	90.89	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	1099479	138.01	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	3795402	90.49	ng	0.00
79) Terphenyl-d14	13.06	244	4620986	72.09	ng	0.00

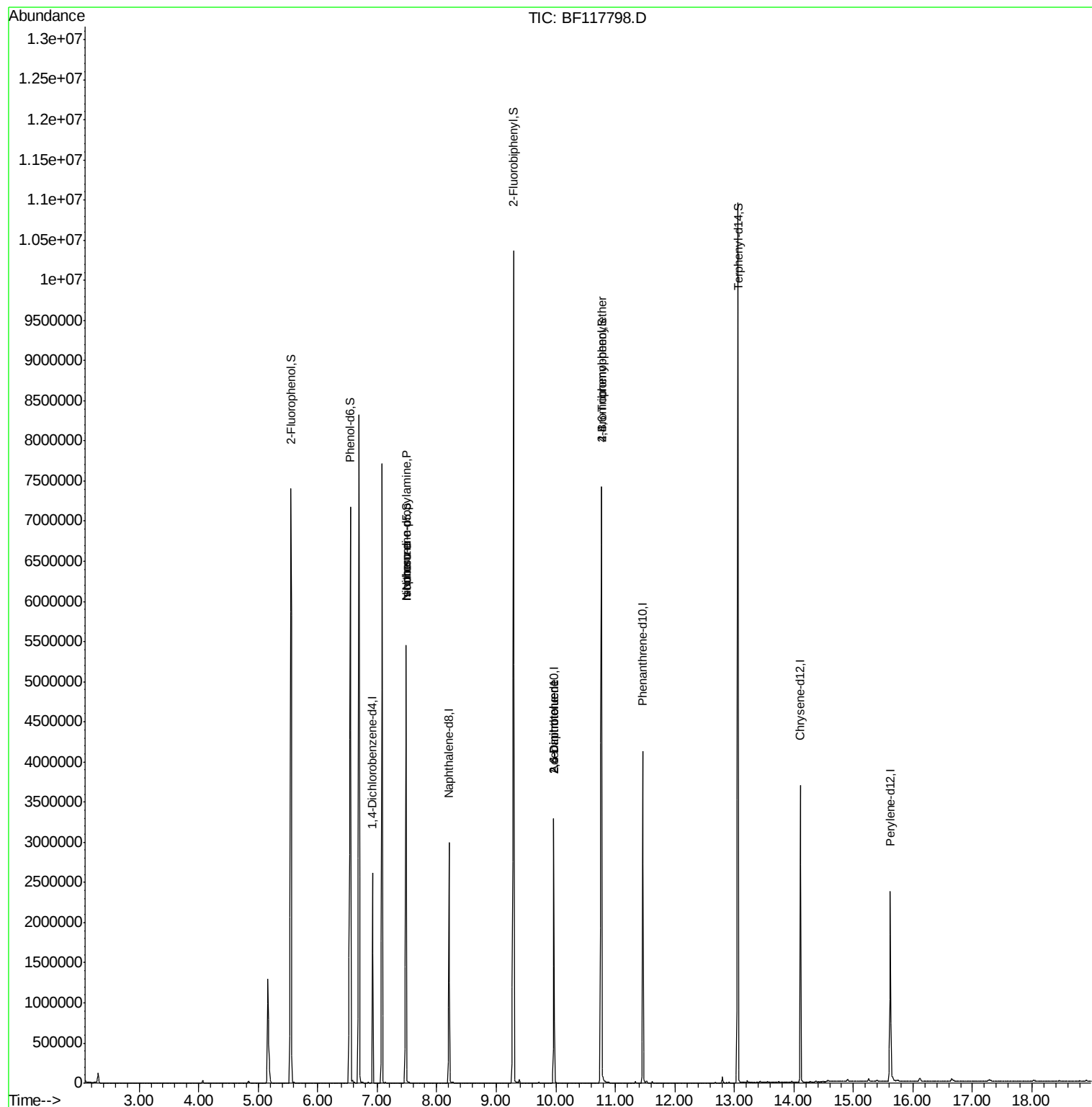
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.55	77	5469	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.49	70	298790	19.755	ng	# 77
25) Isophorone	7.49	82	2134889	49.304	ng	# 62
51) 2,6-Dinitrotoluene	9.97	165	99807	8.654	ng	# 23
57) 2,4-Dinitrotoluene	9.97	165	99807	6.803	ng	# 24
67) 4-Bromophenyl-phenylether	10.77	248	71458	4.537	ng	# 1
75) Fluoranthene	12.68	202	1269	Below Cal		63

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111519\
Data File : BF117798.D
Acq On : 15 Nov 2019 11:02
Operator : JU
Sample : PB124616BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124616BL

Quant Time: Nov 15 16:34:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration



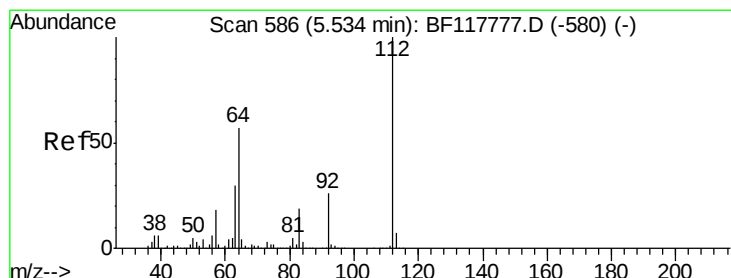
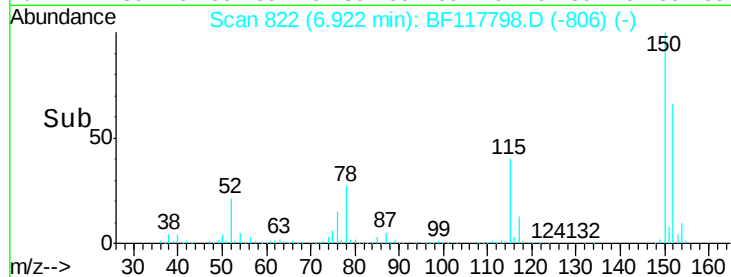
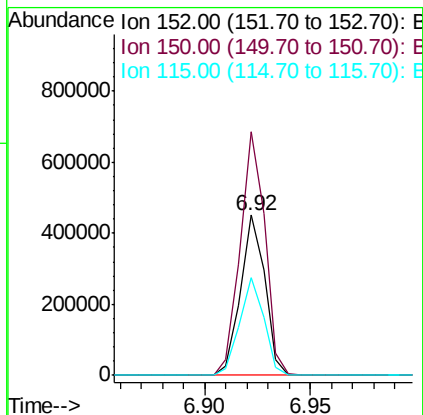
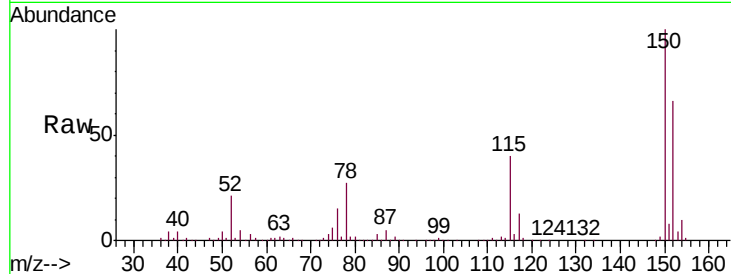


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117798.D
Acq: 15 Nov 2019 11:02

Instrument :
BNA_F
ClientSampleId :
PB124616BL

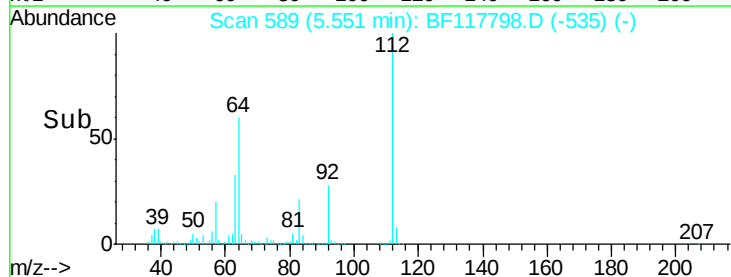
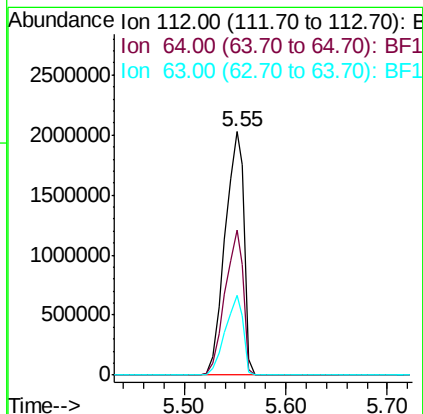
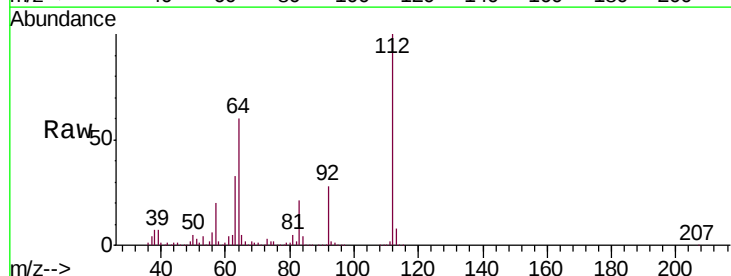
Tgt Ion:152 Resp: 359785
Ion Ratio Lower Upper
152 100
150 152.1 125.3 187.9
115 61.0 47.0 70.4

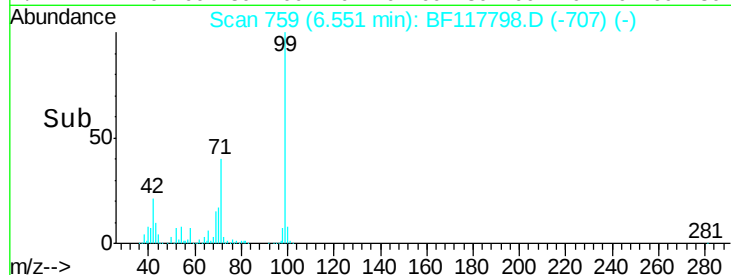
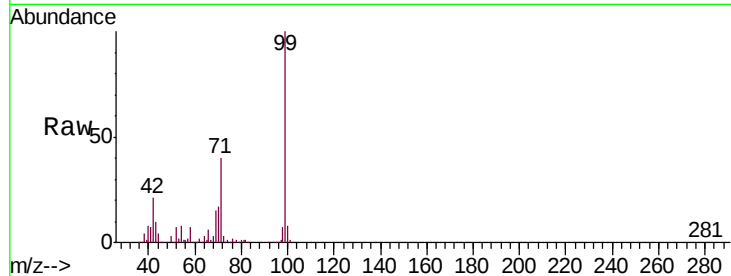
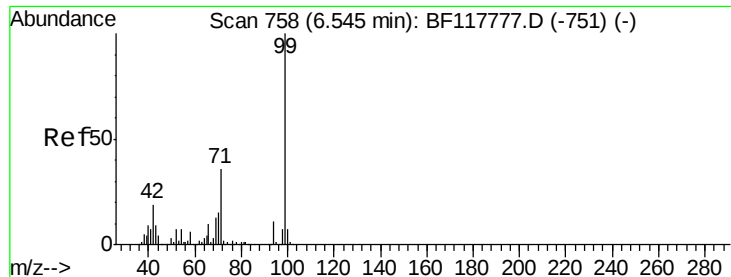


#5

2-Fluorophenol
Concen: 129.304 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.02 min
Lab File: BF117798.D
Acq: 15 Nov 2019 11:02

Tgt Ion:112 Resp: 2628182
Ion Ratio Lower Upper
112 100
64 59.5 45.6 68.4
63 32.5 24.1 36.1





#7

Phenol-d6

Concen: 134.290 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

Instrument :

BNA_F

ClientSampleId :

PB124616BL

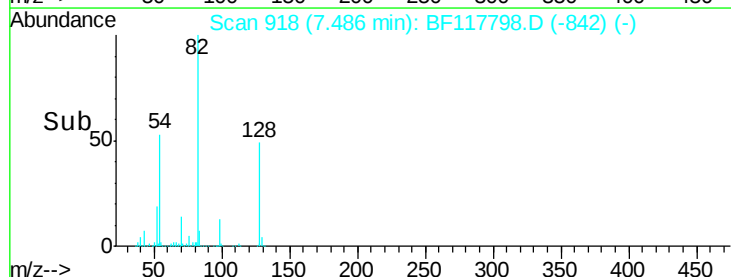
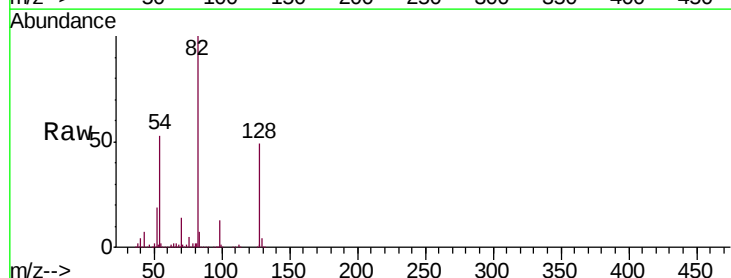
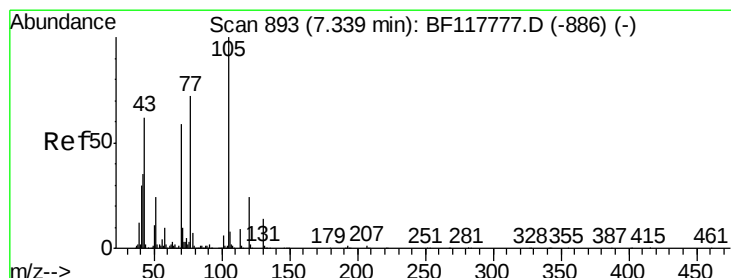
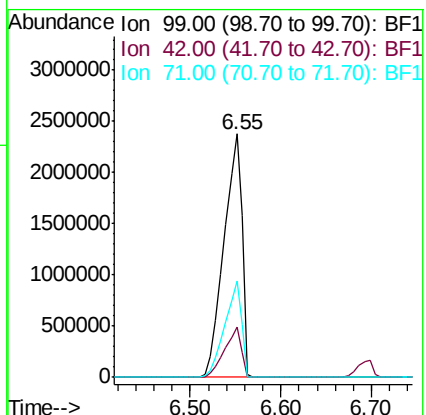
Tgt Ion: 99 Resp: 3292249

Ion Ratio Lower Upper

99 100

42 20.6 14.9 22.3

71 39.6 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 19.755 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.15 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

Tgt Ion: 70 Resp: 298790

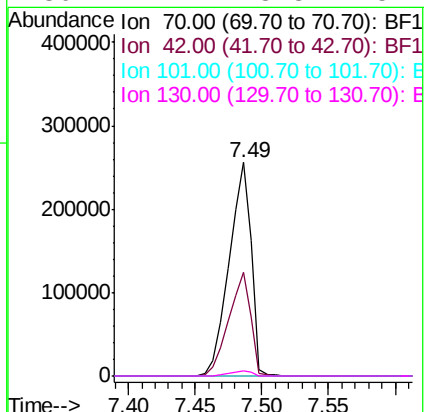
Ion Ratio Lower Upper

70 100

42 48.6 47.4 71.2

101 0.0 8.4 12.6#

130 2.2 18.8 28.2#

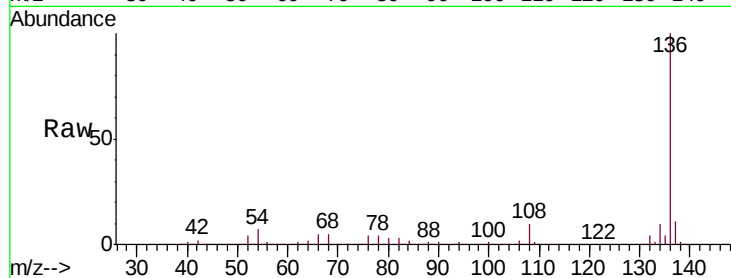




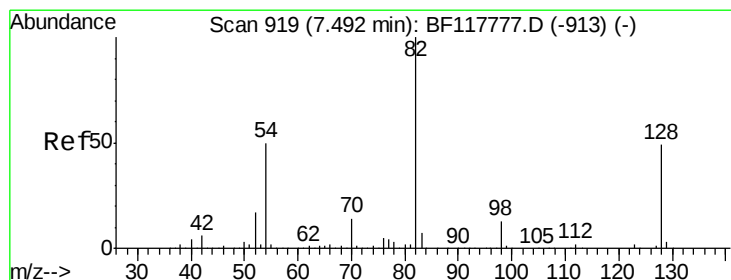
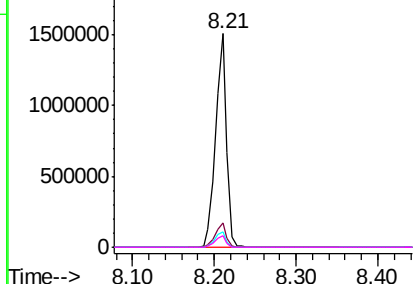
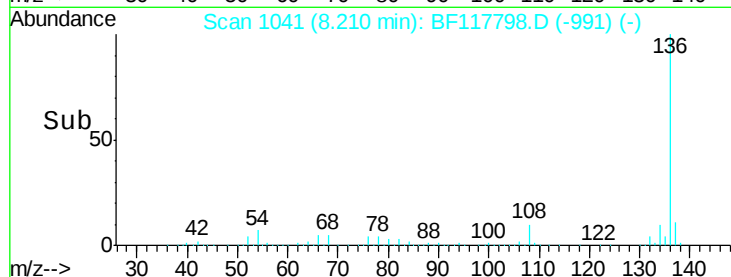
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117798.D
Acq: 15 Nov 2019 11:02

Instrument :
BNA_F
ClientSampleId :
PB124616BL

Tgt Ion:136 Resp: 1404404
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.2 5.4 8.2
68 5.4 4.3 6.5

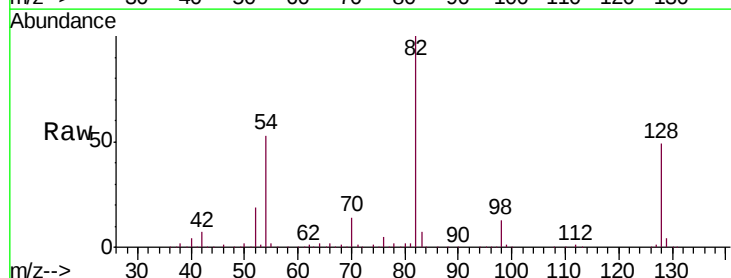


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

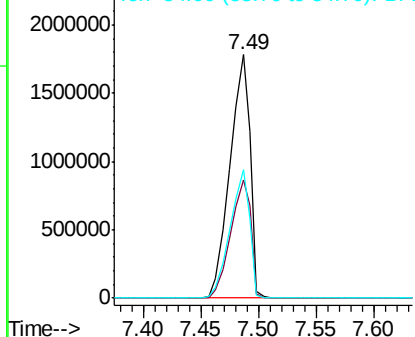
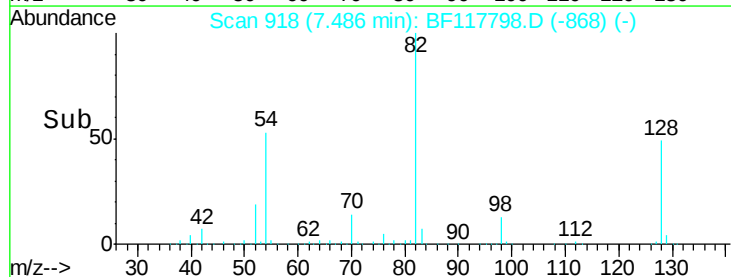


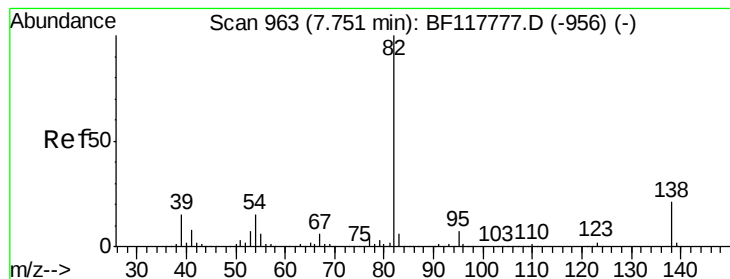
#23
Nitrobenzene-d5
Concen: 90.891 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117798.D
Acq: 15 Nov 2019 11:02

Tgt Ion: 82 Resp: 2147301
Ion Ratio Lower Upper
82 100
128 48.6 38.9 58.3
54 52.7 39.8 59.6



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: 49.304 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.26 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

Instrument :

BNA_F

ClientSampleId :

PB124616BL

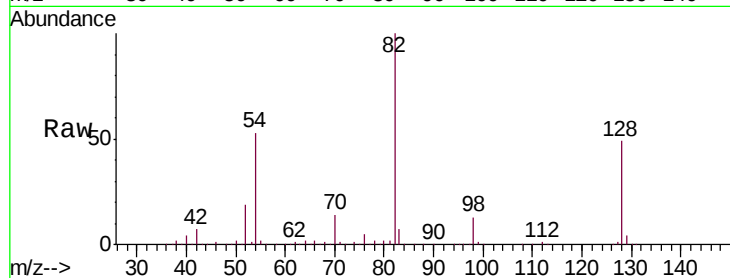
Tgt Ion: 82 Resp: 2134889

Ion Ratio Lower Upper

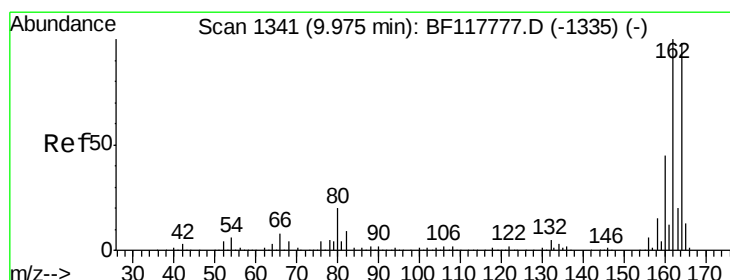
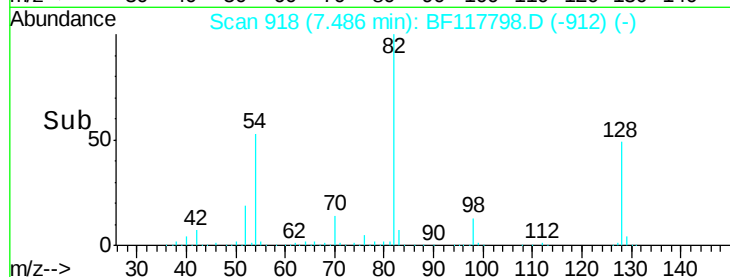
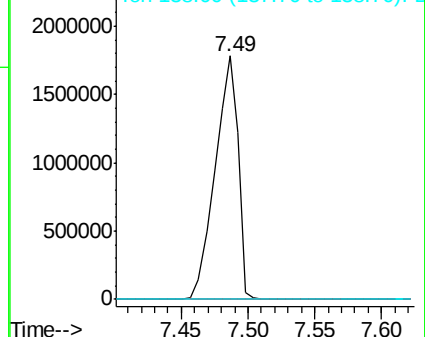
82 100

95 0.0 5.8 8.8#

138 0.0 16.5 24.7#



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: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

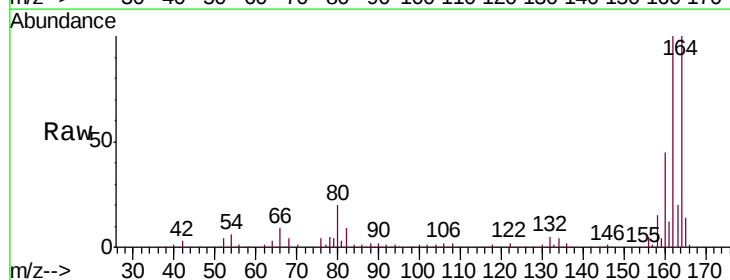
Tgt Ion: 164 Resp: 752484

Ion Ratio Lower Upper

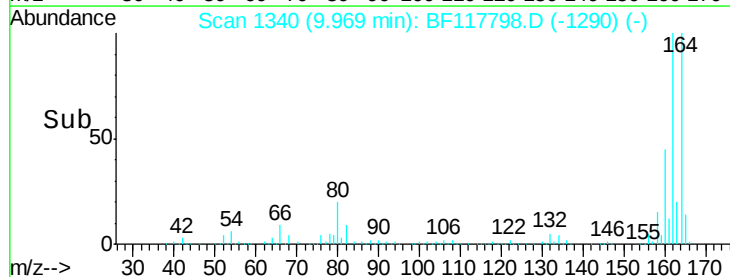
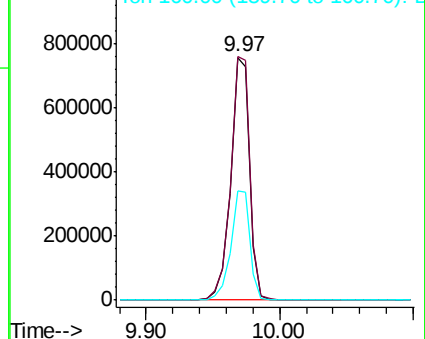
164 100

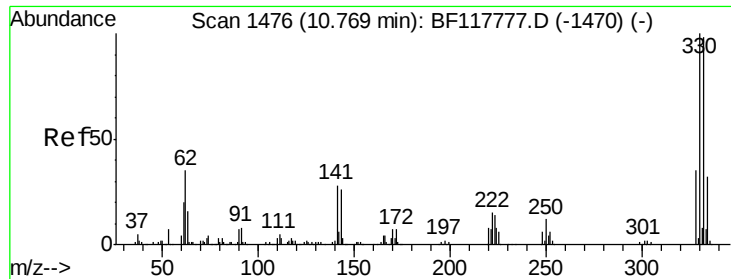
162 100.5 81.3 121.9

160 45.1 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 138.013 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

Instrument :

BNA_F

ClientSampleId :

PB124616BL

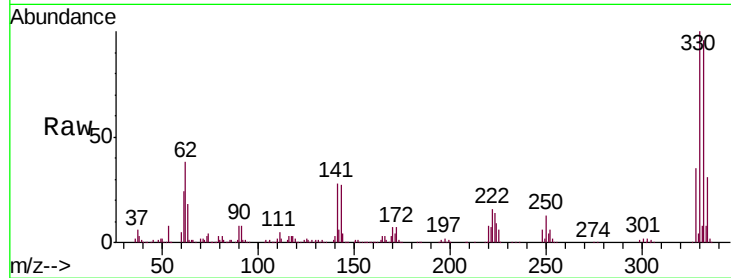
Tgt Ion:330 Resp: 1099479

Ion Ratio Lower Upper

330 100

332 96.8 76.7 115.1

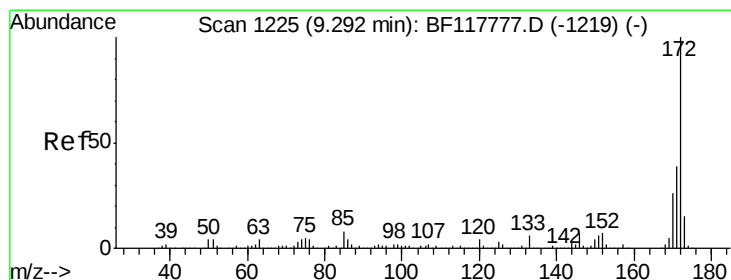
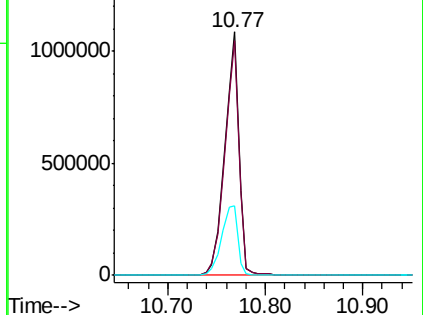
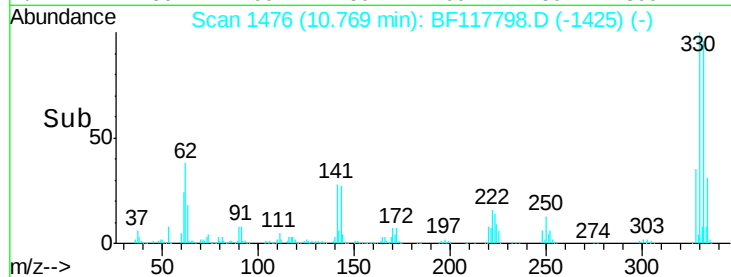
141 33.0 27.7 41.5



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: 90.488 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

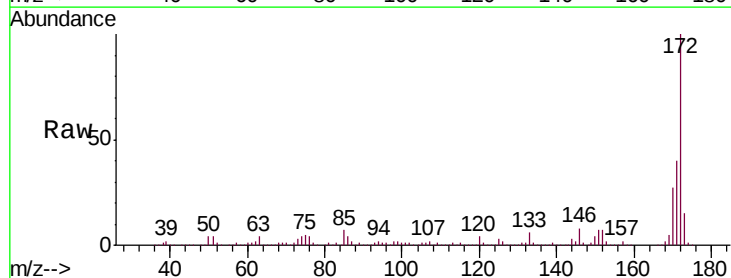
Tgt Ion:172 Resp: 3795402

Ion Ratio Lower Upper

172 100

171 39.6 30.9 46.3

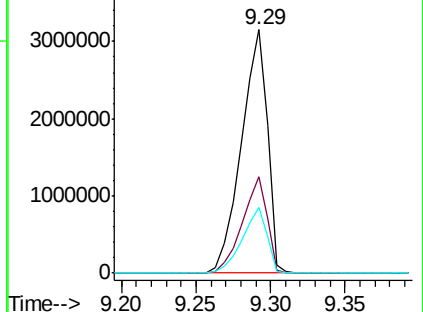
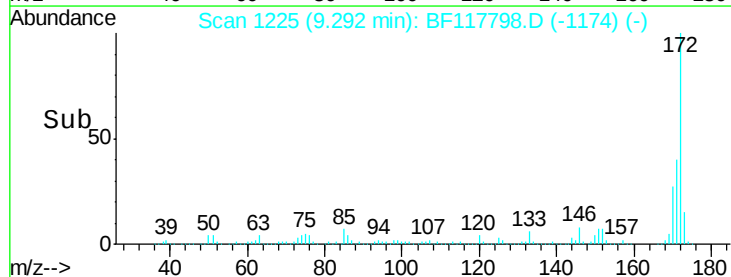
170 27.1 21.0 31.4

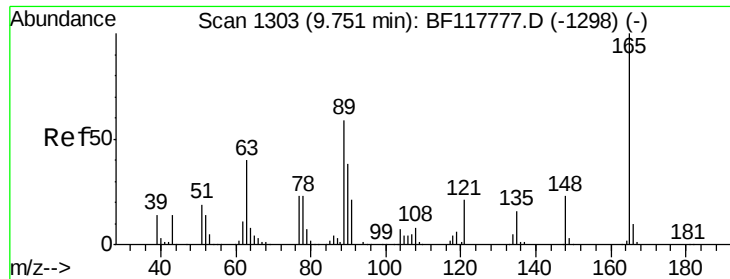


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

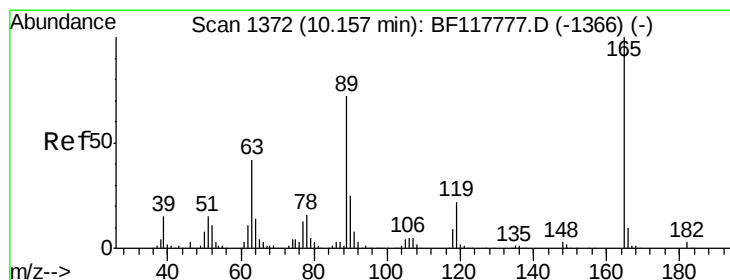
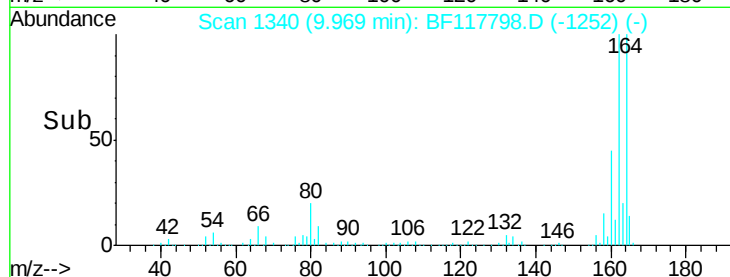
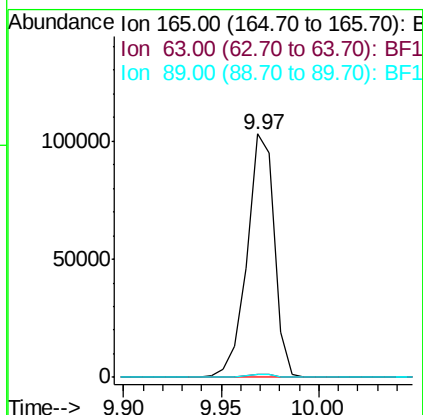
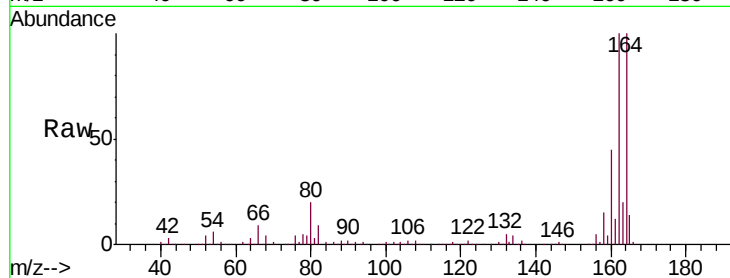




#51
 2,6-Dinitrotoluene
 Concen: 8.654 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.22 min
 Lab File: BF117798.D
 Acq: 15 Nov 2019 11:02

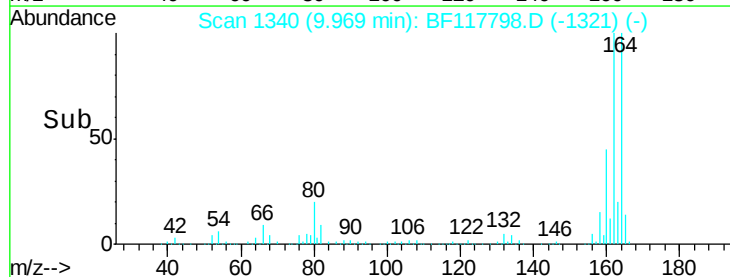
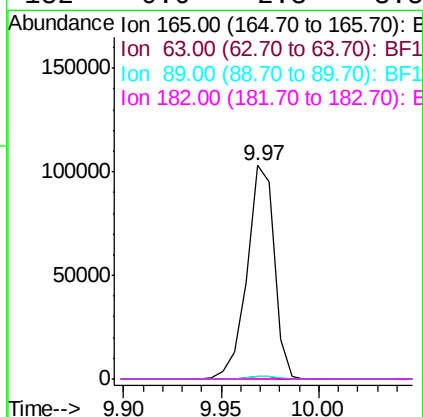
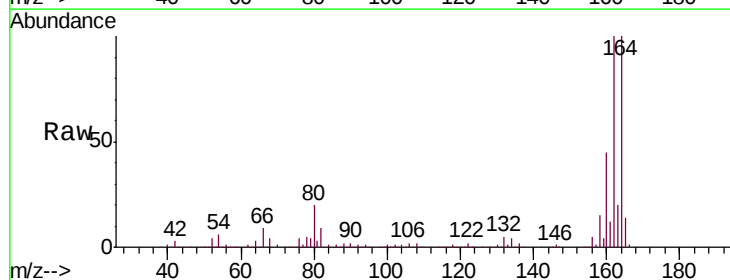
Instrument :
 BNA_F
 ClientSampleId :
 PB124616BL

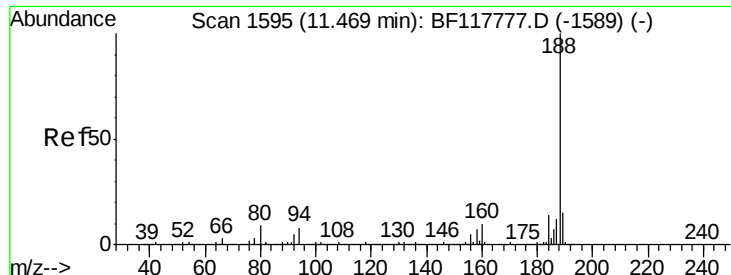
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	46.0	69.0#
89	1.3	47.7	71.5#



#57
 2,4-Dinitrotoluene
 Concen: 6.803 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.19 min
 Lab File: BF117798.D
 Acq: 15 Nov 2019 11:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#

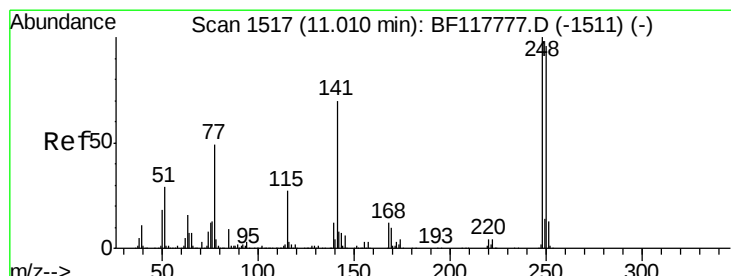
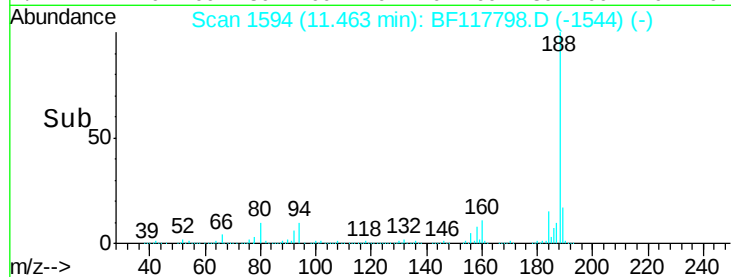
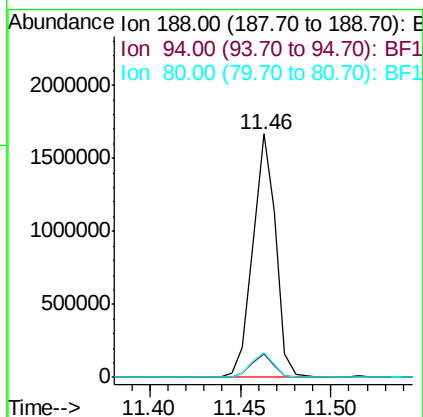
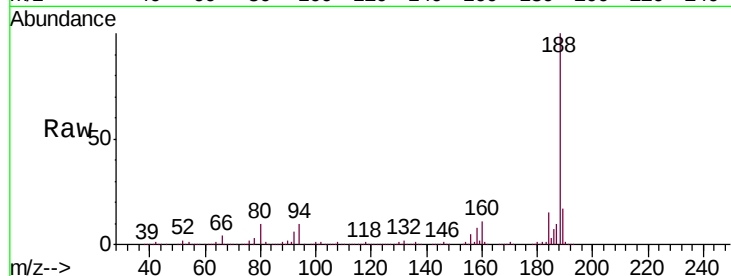




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF117798.D
 Acq: 15 Nov 2019 11:02

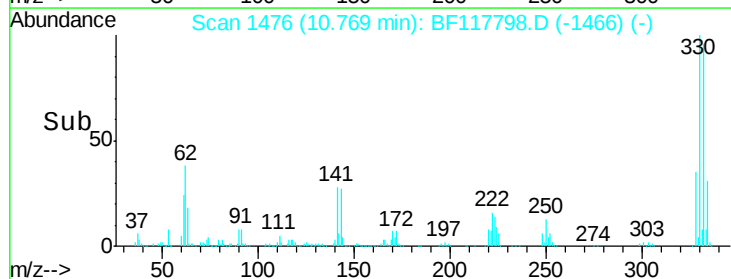
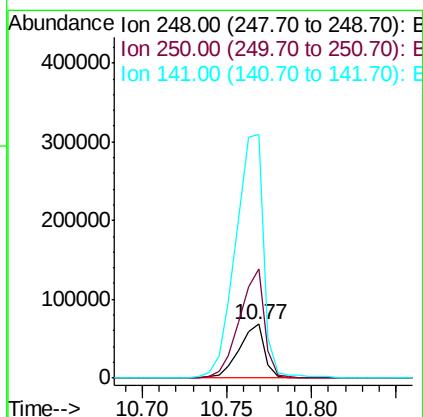
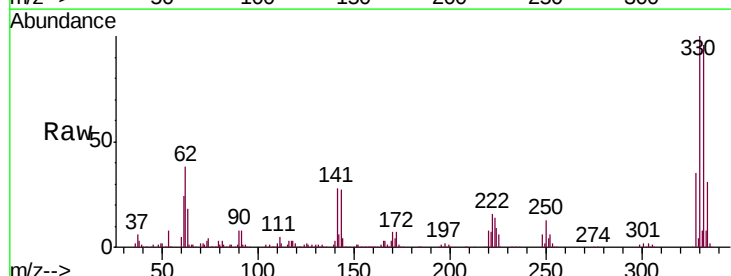
Instrument :
 BNA_F
 ClientSampleId :
 PB124616BL

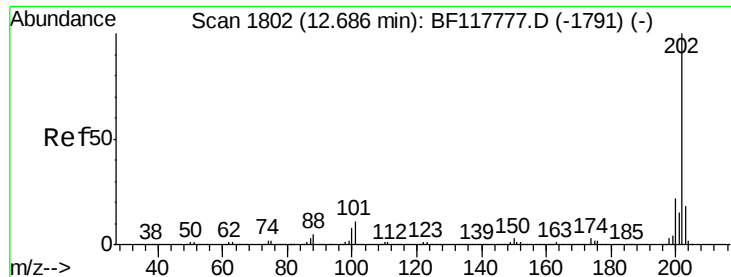
Tgt Ion:188 Resp: 1459631
 Ion Ratio Lower Upper
 188 100
 94 9.8 6.6 10.0
 80 10.4 7.2 10.8



#67
 4-Bromophenyl-phenylether
 Concen: 4.537 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.24 min
 Lab File: BF117798.D
 Acq: 15 Nov 2019 11:02

Tgt Ion:248 Resp: 71458
 Ion Ratio Lower Upper
 248 100
 250 203.7 76.6 115.0#
 141 452.0 55.9 83.9#

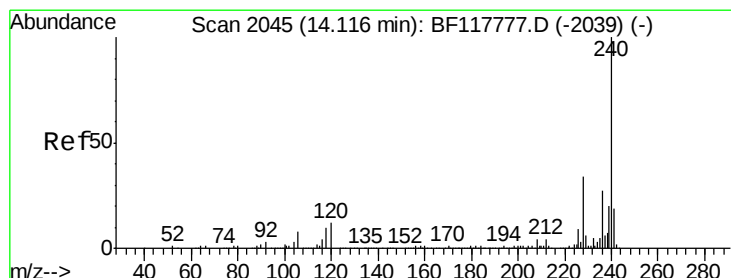
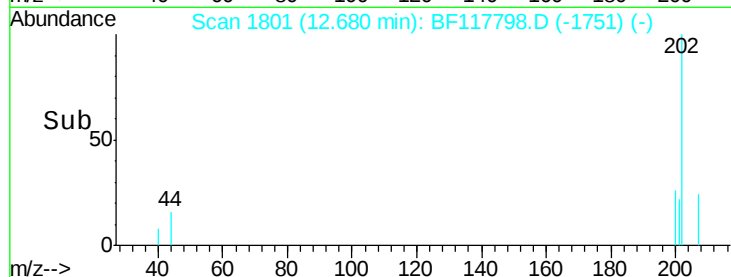
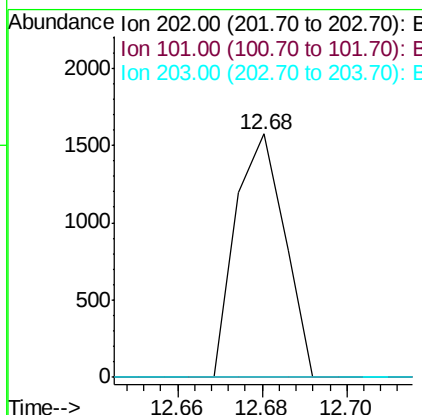
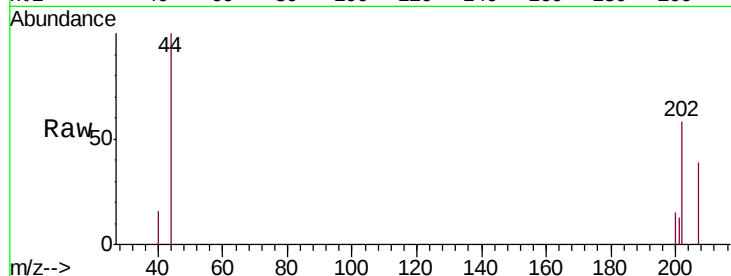




#75
Fluoranthene
Concen: Below Cal
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117798.D
Acq: 15 Nov 2019 11:02

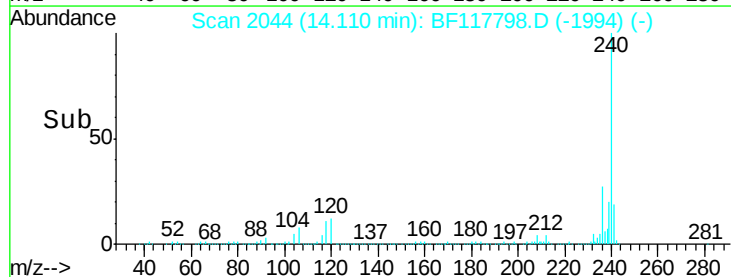
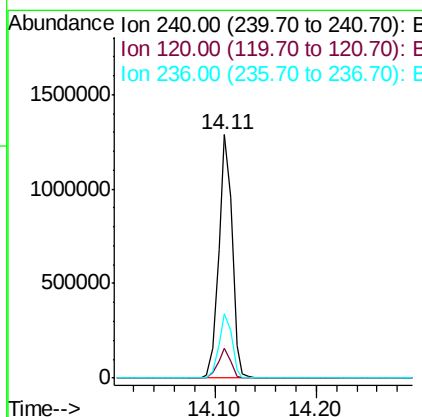
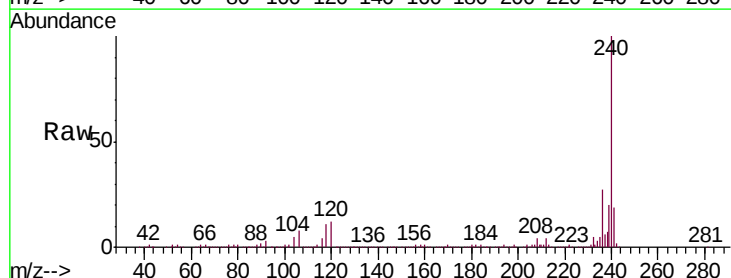
Instrument :
BNA_F
ClientSampleId :
PB124616BL

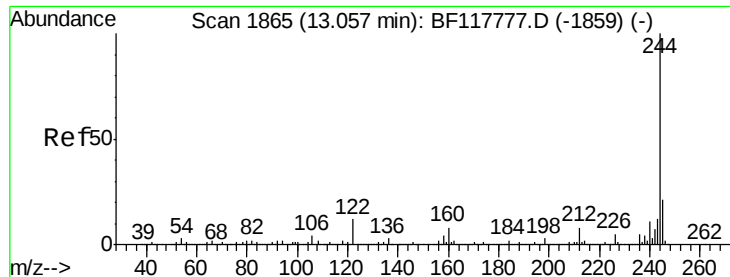
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.1
203	0.0	0.0	38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117798.D
Acq: 15 Nov 2019 11:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	26.5	21.3	31.9





#79

Terphenyl-d14

Concen: 72.091 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

Instrument :

BNA_F

ClientSampleId :

PB124616BL

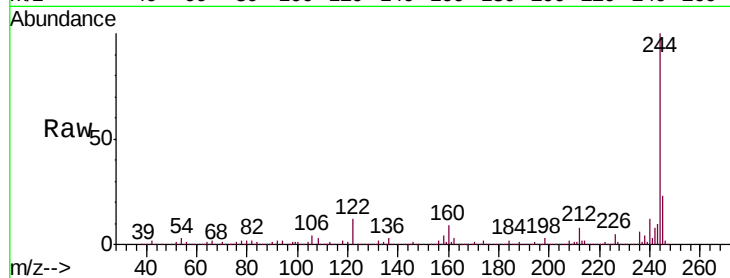
Tgt Ion:244 Resp: 4620986

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

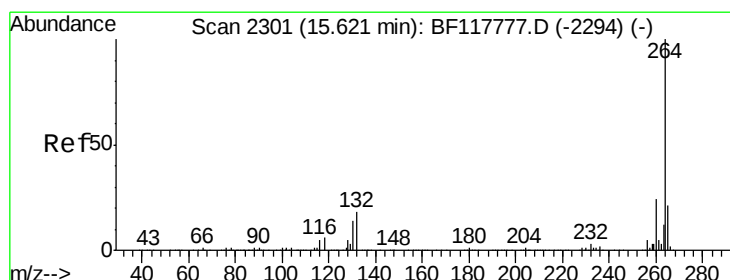
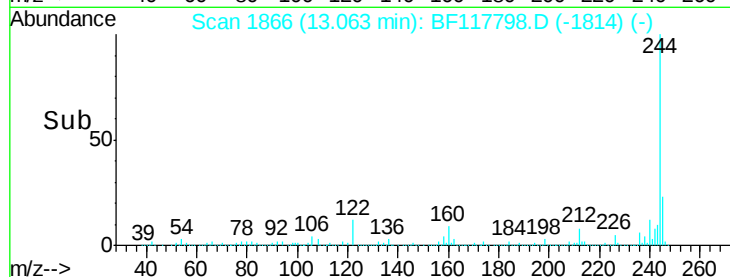
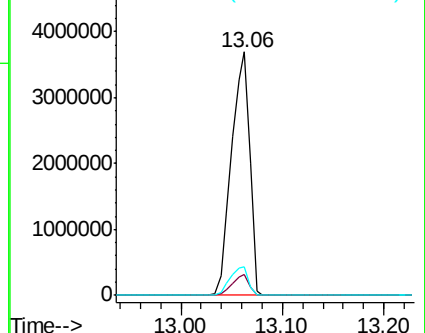
122 11.9 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

5000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BF117798.D

Acq: 15 Nov 2019 11:02

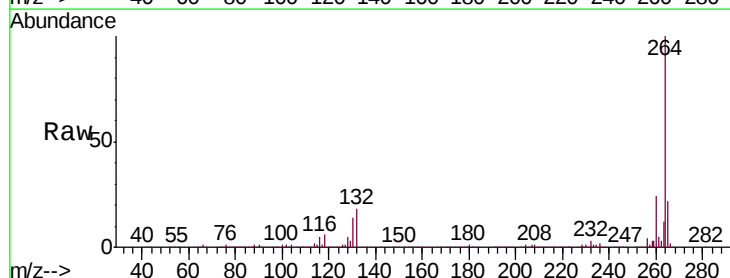
Tgt Ion:264 Resp: 1134081

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.5 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

1200000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

