

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
 Data File : BF117908.D
 Acq On : 21 Nov 2019 13:26
 Operator : JU
 Sample : K5927-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5B

Quant Time: Nov 21 15:17:09 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

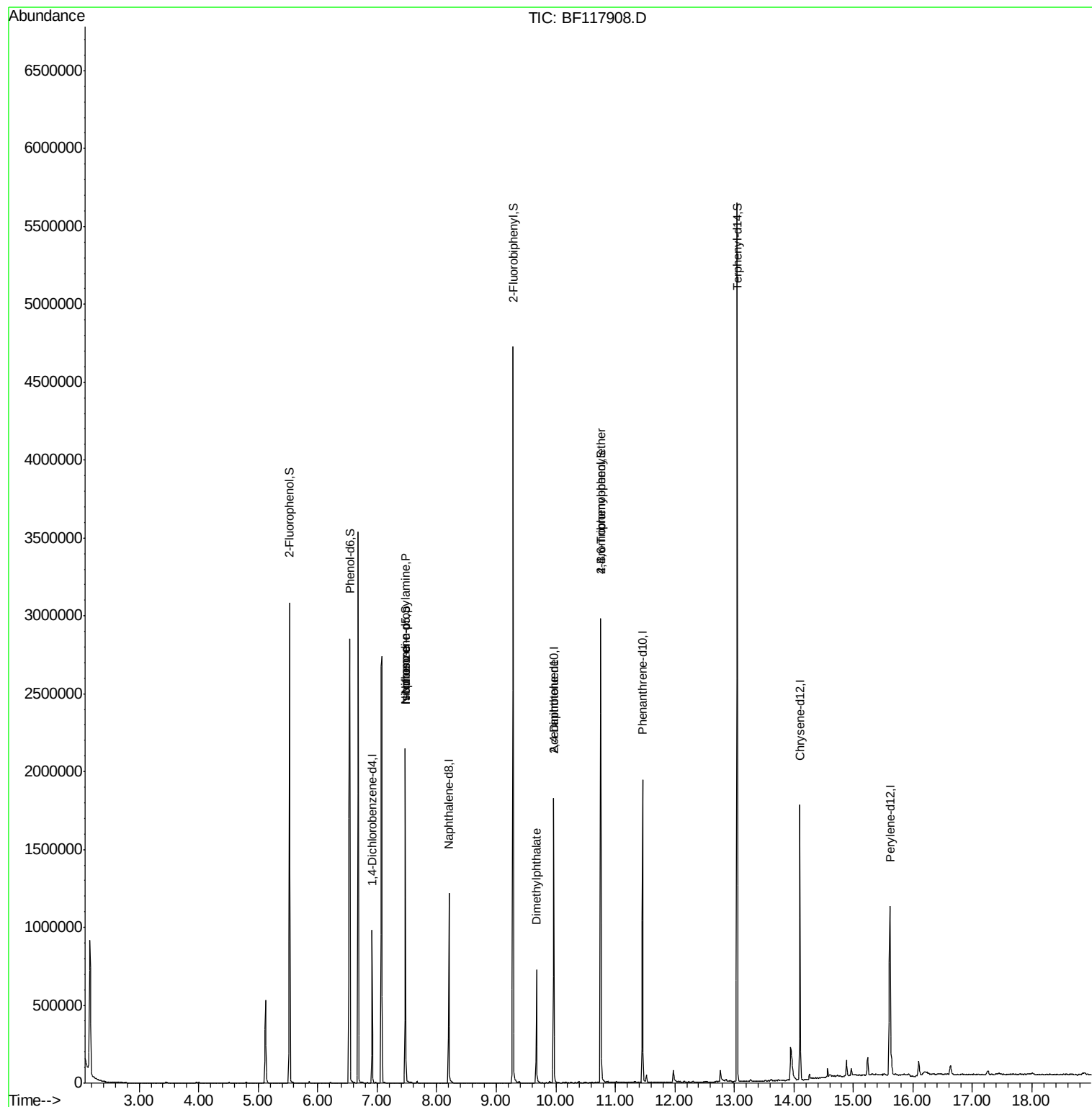
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	138992	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	555434	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	356035	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	683337	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	531368	20.00	ng	-0.01
87) Perylene-d12	15.62	264	558693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	808145	102.92	ng	0.00
7) Phenol-d6	6.54	99	1070943	113.08	ng	0.00
23) Nitrobenzene-d5	7.47	82	661030	70.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	355934	94.43	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1359370	68.50	ng	-0.01
79) Terphenyl-d14	13.05	244	2014766	69.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1872	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.47	70	89670	15.347	ng	# 75
25) Isophorone	7.47	82	656048	38.309	ng	# 62
50) Dimethylphthalate	9.67	163	298498	11.956	ng	# 98
57) 2,4-Dinitrotoluene	9.96	165	45283	6.524	ng	# 24
67) 4-Bromophenyl-phenylether	10.76	248	22373	3.034	ng	# 1
75) Fluoranthene	12.67	202	1437	Below Cal		63

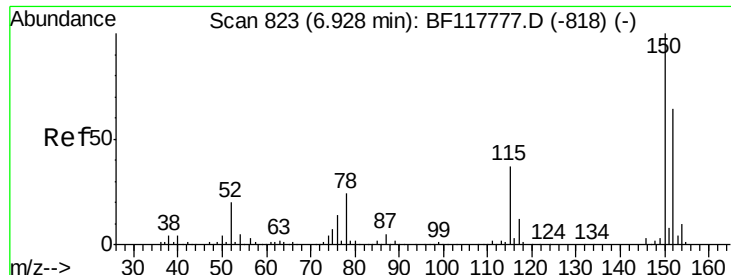
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112119\
Data File : BF117908.D
Acq On : 21 Nov 2019 13:26
Operator : JU
Sample : K5927-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5B

Quant Time: Nov 21 15:17:09 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



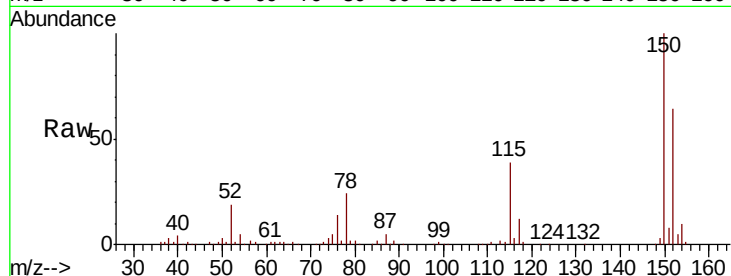


#1

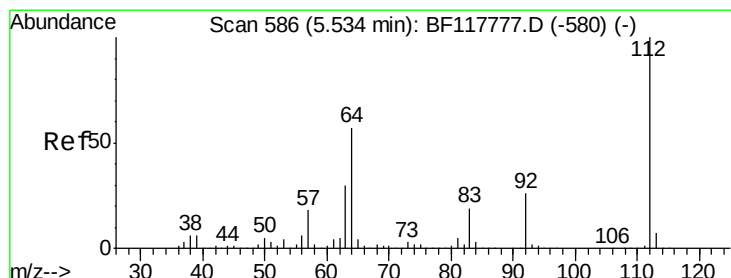
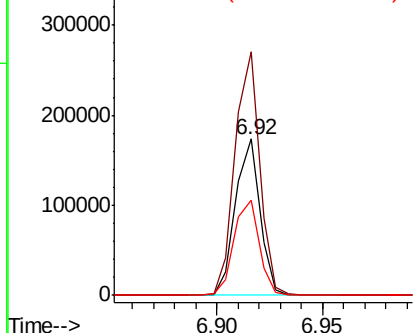
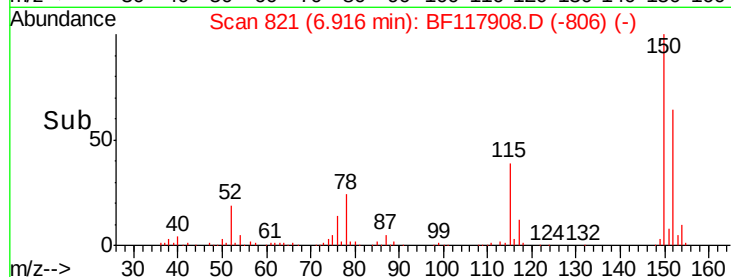
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117908.D
Acq: 21 Nov 2019 13:26

Instrument :
BNA_F
ClientSampleId :
B-5B

Tot Ion:152 Resp: 138992
Ion Ratio Lower Upper
152 100
150 155.8 125.3 187.9
115 61.0 47.0 70.4



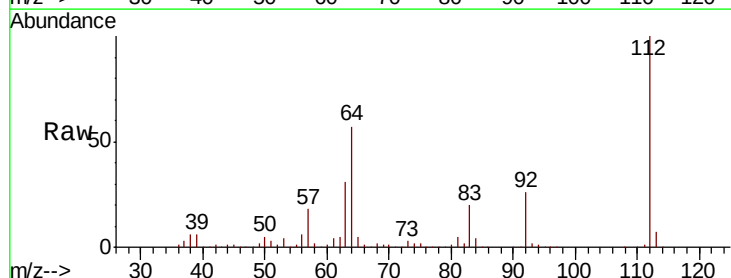
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



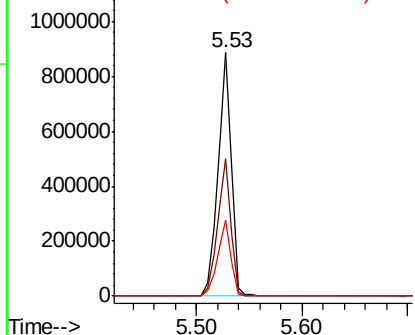
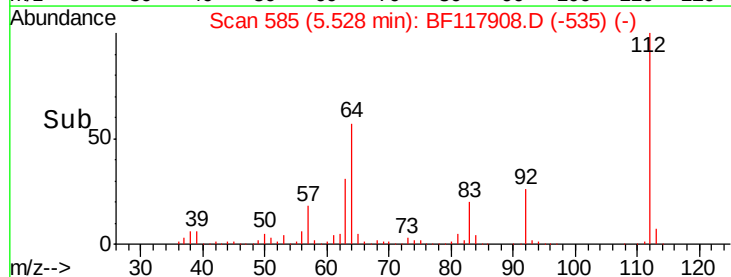
#5

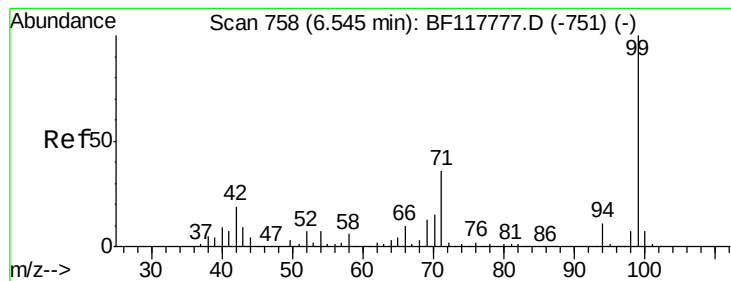
2-Fluorophenol
Concen: 102.920 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117908.D
Acq: 21 Nov 2019 13:26

Tgt Ion:112 Resp: 808145
Ion Ratio Lower Upper
112 100
64 56.5 45.6 68.4
63 31.0 24.1 36.1



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: 113.076 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117908.D

Acq: 21 Nov 2019 13:26

Instrument :

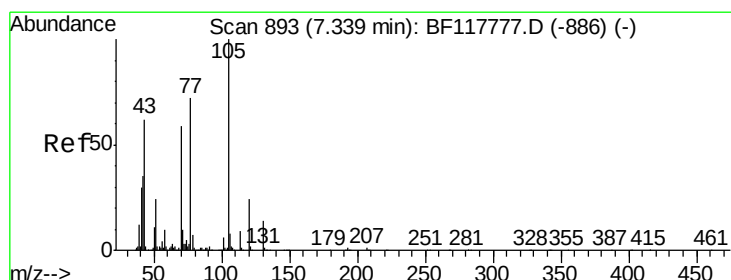
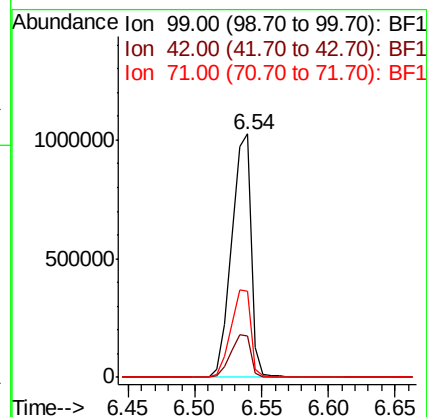
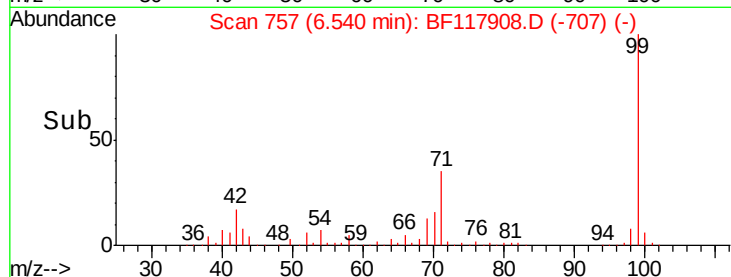
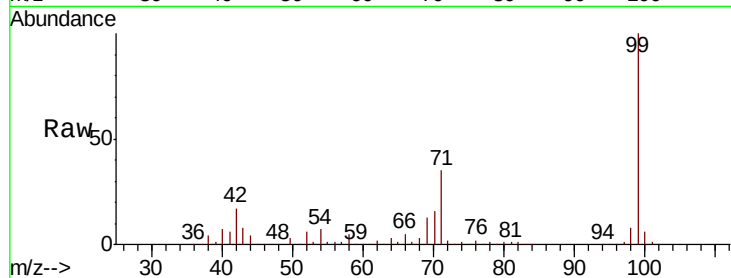
BNA_F

ClientSampleId :

B-5B

Tot Ion: 99 Resp: 1070943

Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.9	22.3
71	35.4	28.6	43.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.347 ng

RT: 7.47 min Scan# 916

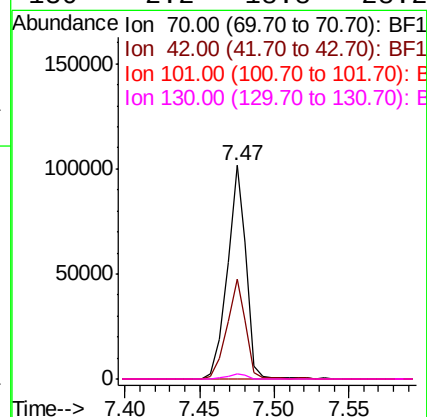
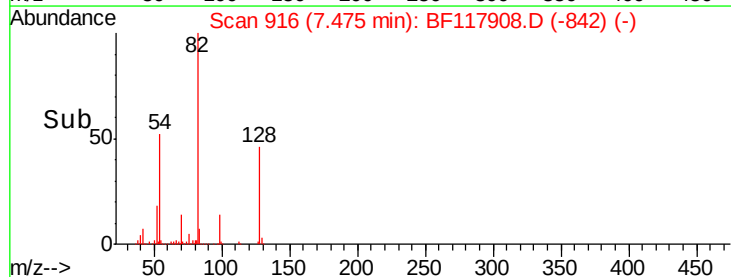
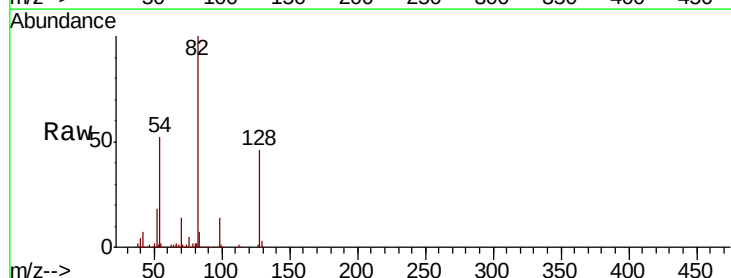
Delta R.T. 0.14 min

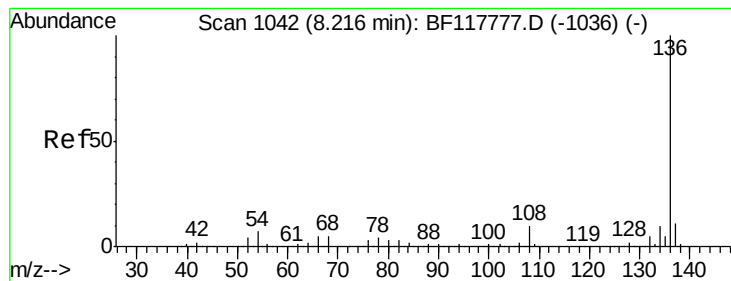
Lab File: BF117908.D

Acq: 21 Nov 2019 13:26

Tgt Ion: 70 Resp: 89670

Ion	Ratio	Lower	Upper
70	100		
42	46.8	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: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF117908.D

Acq: 21 Nov 2019 13:26

Instrument :

BNA_F

ClientSampleId :

B-5B

Tot Ion:136 Resp: 555434

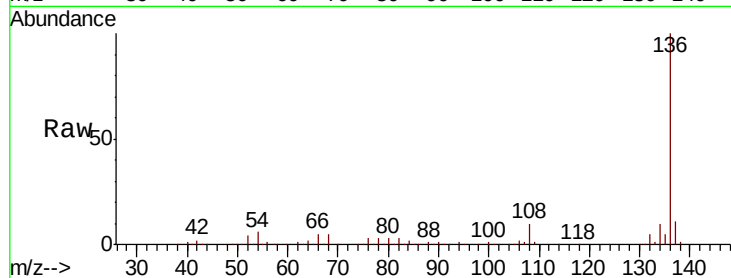
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.4 5.4 8.2

68 4.9 4.3 6.5

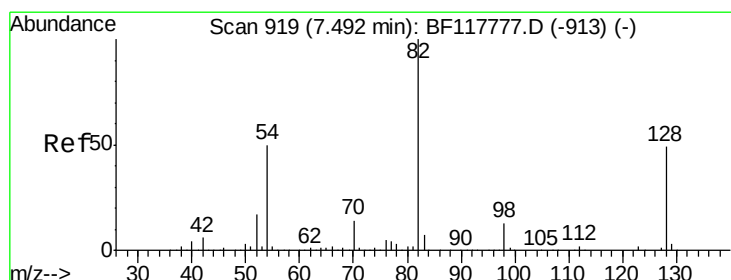
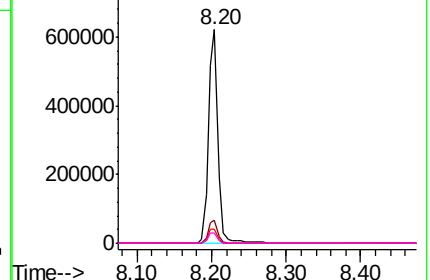
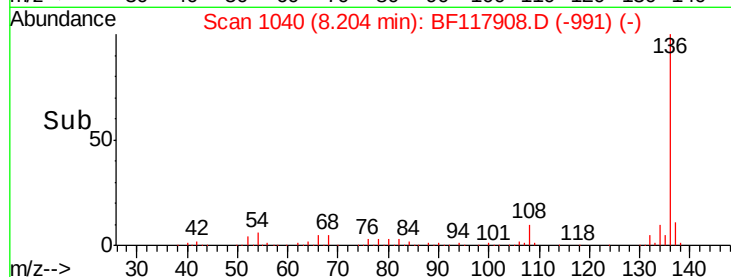


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.747 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF117908.D

Acq: 21 Nov 2019 13:26

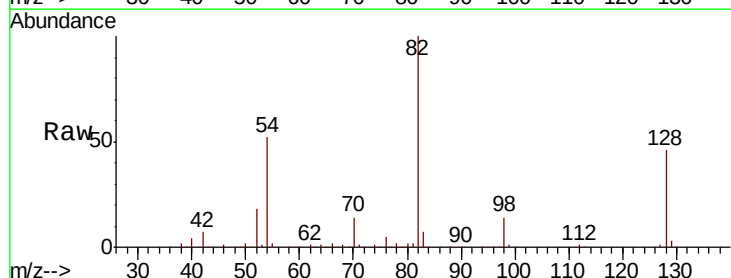
Tgt Ion: 82 Resp: 661030

Ion Ratio Lower Upper

82 100

128 46.3 38.9 58.3

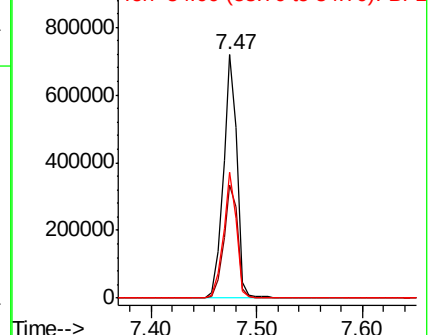
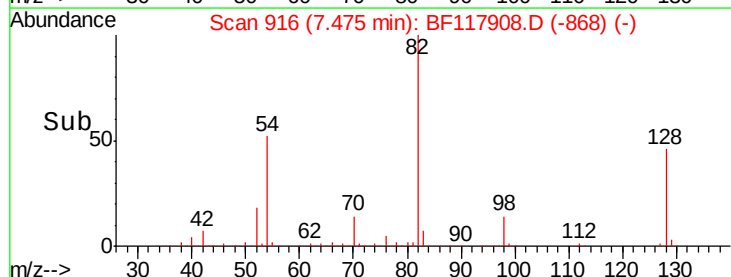
54 51.8 39.8 59.6

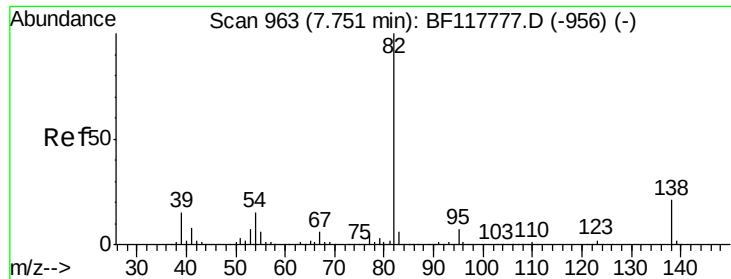


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

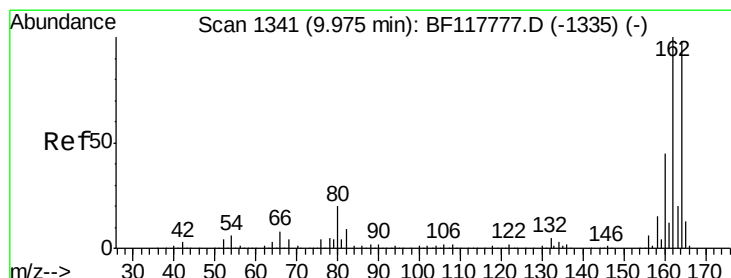
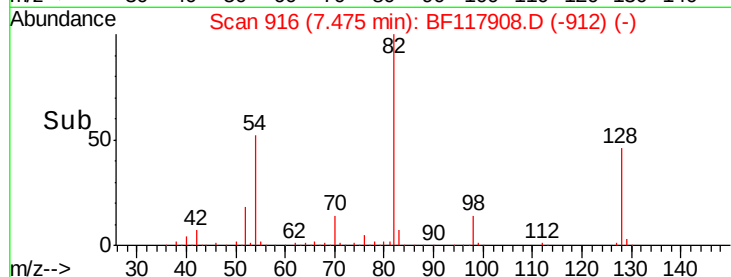
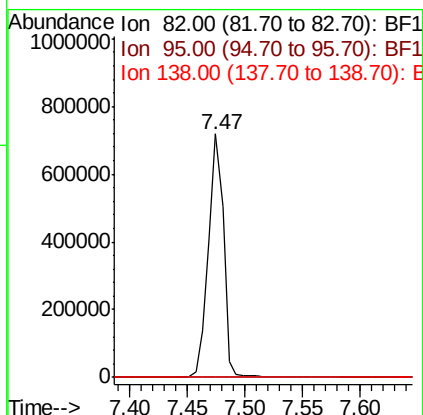
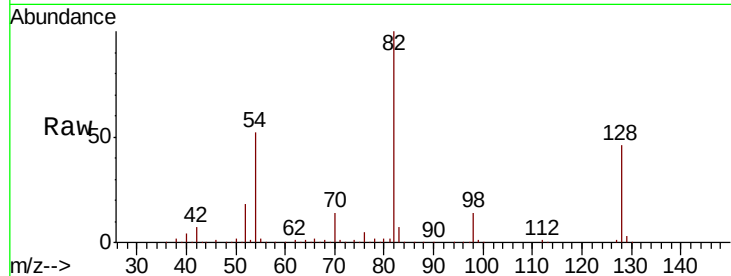




#25
Isophorone
Concen: 38.309 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.28 min
Lab File: BF117908.D
Acq: 21 Nov 2019 13:26

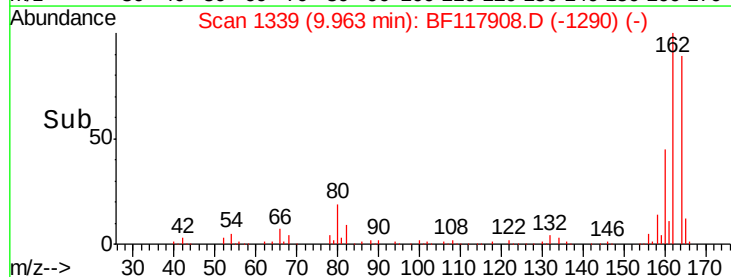
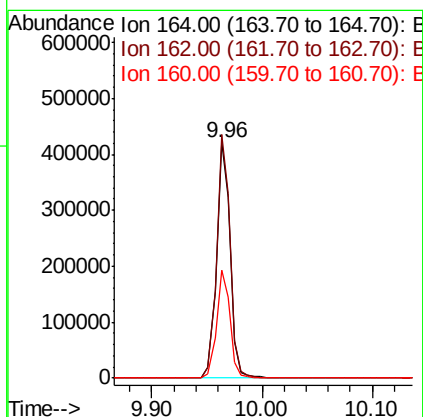
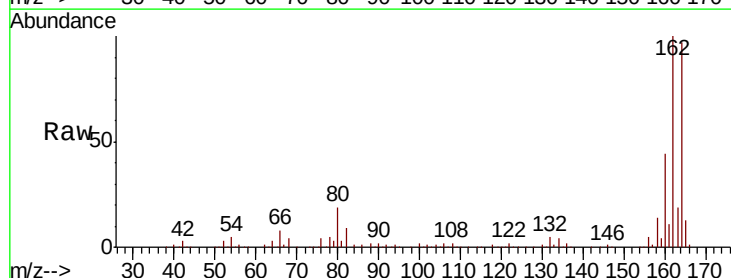
Instrument :
BNA_F
ClientSampled :
B-5B

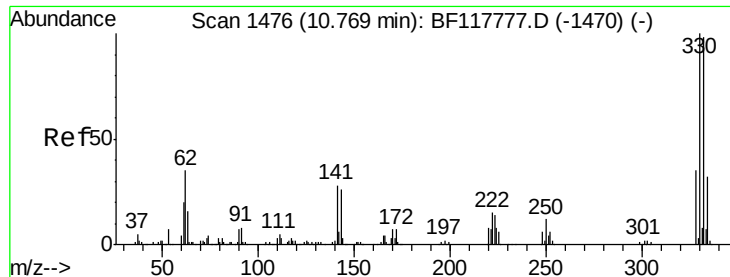
Tot Ion: 82 Resp: 656048
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.5 24.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117908.D
Acq: 21 Nov 2019 13:26

Tgt Ion: 164 Resp: 356035
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 45.7 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 94.430 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117908.D

Acq: 21 Nov 2019 13:26

Instrument :

BNA_F

ClientSampled :

B-5B

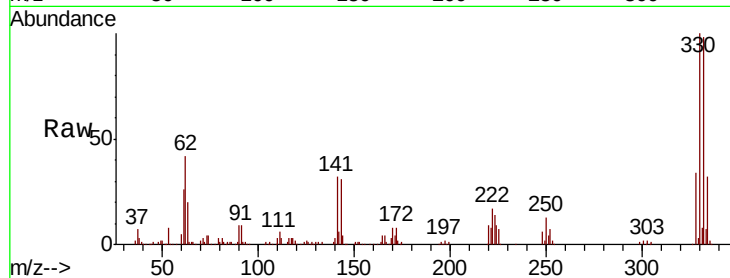
Tot Ion:330 Resp: 355934

Ion Ratio Lower Upper

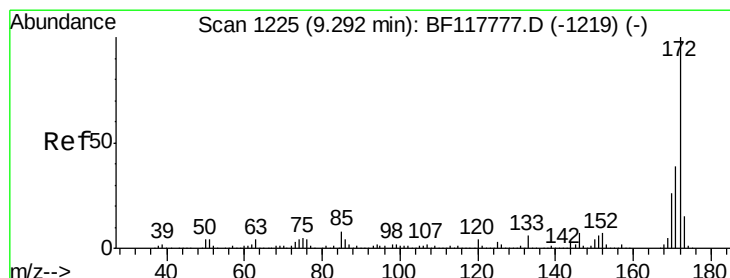
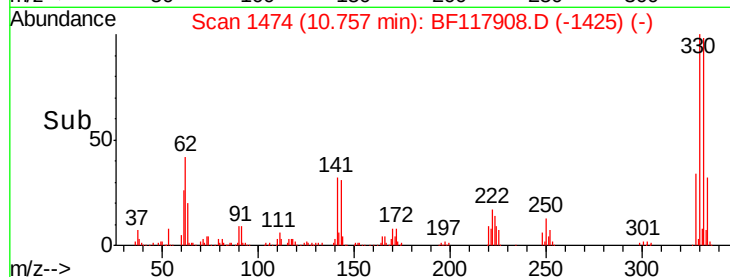
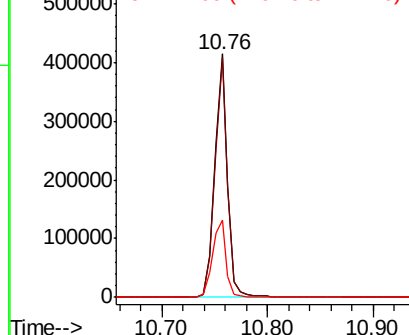
330 100

332 97.3 76.7 115.1

141 33.7 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: 68.498 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF117908.D

Acq: 21 Nov 2019 13:26

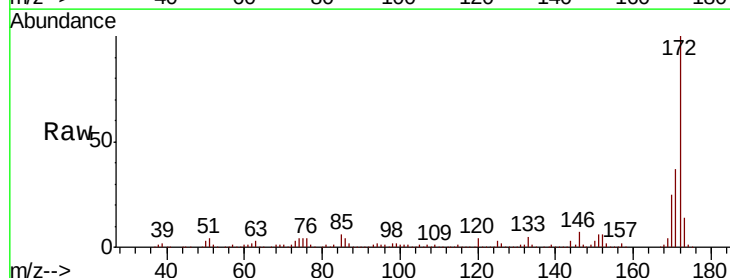
Tgt Ion:172 Resp: 1359370

Ion Ratio Lower Upper

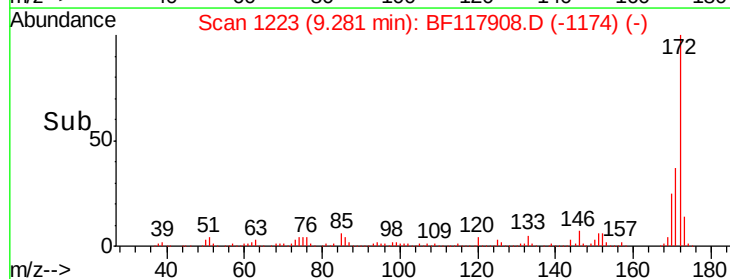
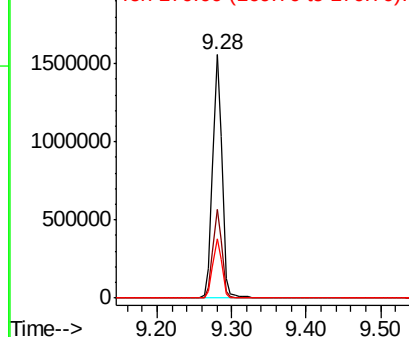
172 100

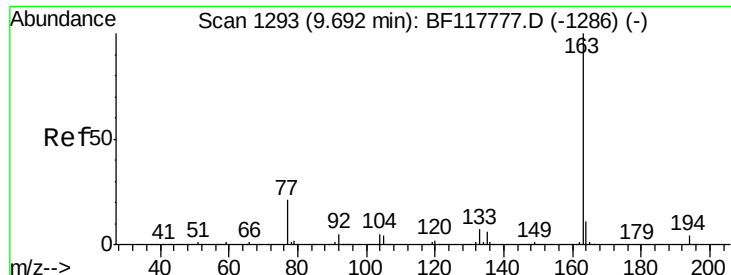
171 36.5 30.9 46.3

170 24.6 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

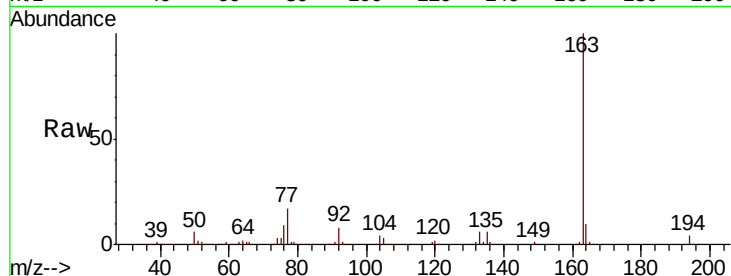




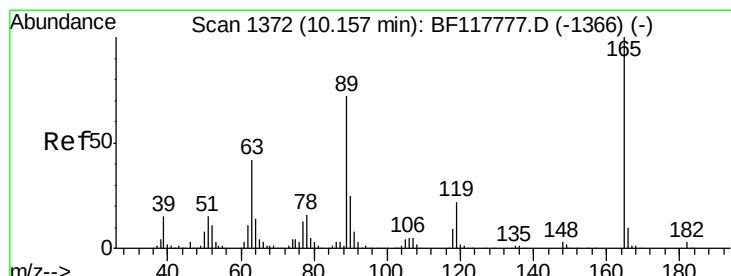
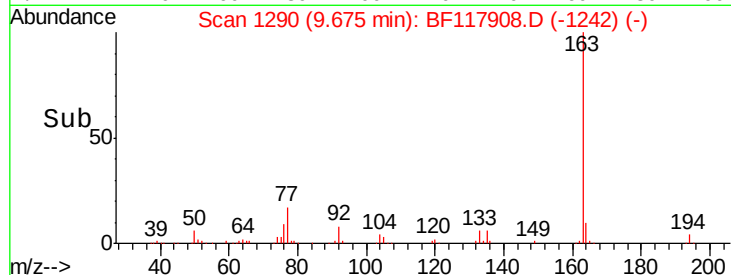
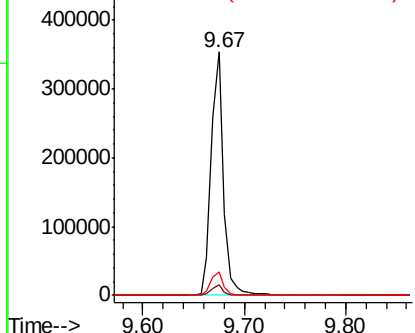
#50
Dimethylphthalate
Concen: 11.956 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117908.D
Acq: 21 Nov 2019 13:26

Instrument :
BNA_F
ClientSampleId :
B-5B

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.6	8.7	13.1

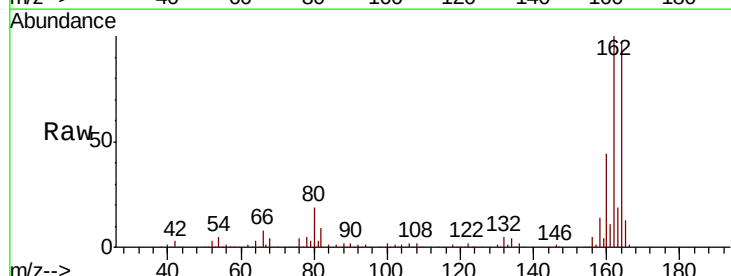


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

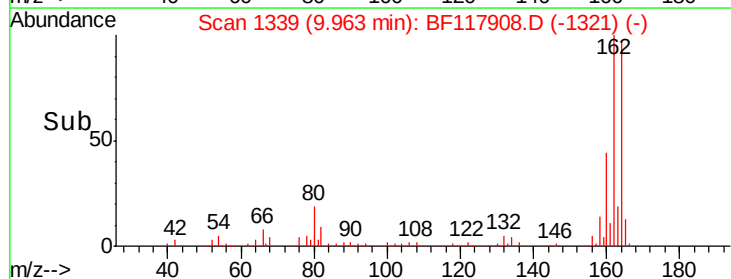
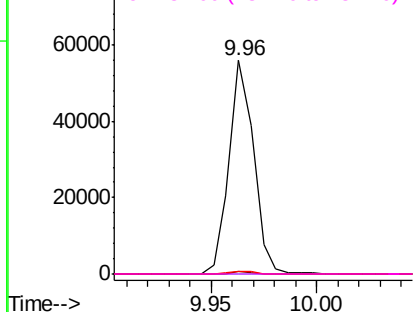


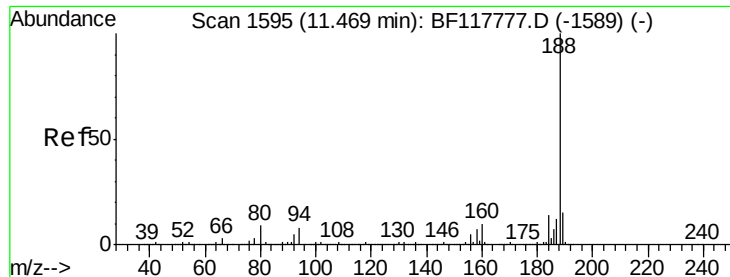
#57
2,4-Dinitrotoluene
Concen: 6.524 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.19 min
Lab File: BF117908.D
Acq: 21 Nov 2019 13:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.7	50.5#
89	1.3	57.3	85.9#
182	0.0	2.3	3.5#



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: 20.000 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117908.D

Acq: 21 Nov 2019 13:26

Instrument :

BNA_F

ClientSampled :

B-5B

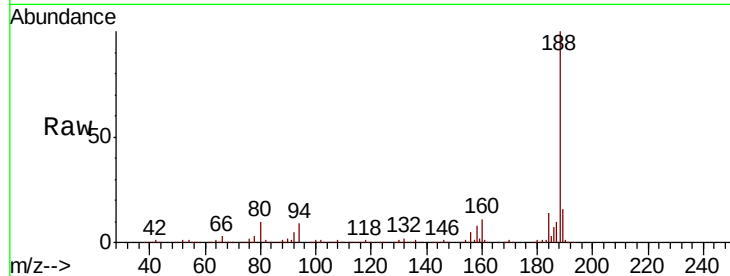
Tot Ion:188 Resp: 683337

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

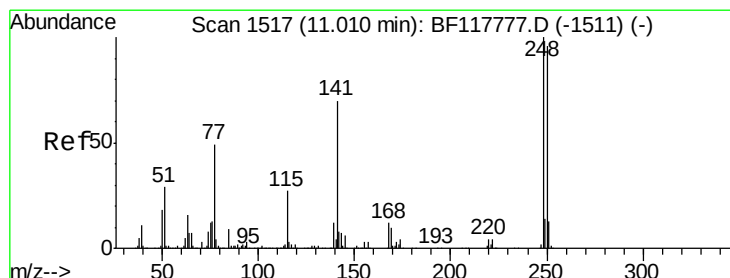
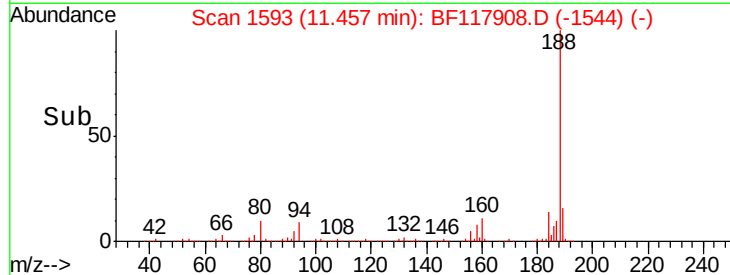
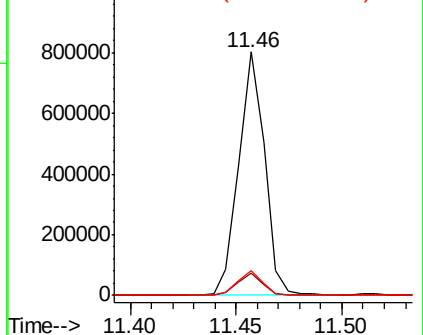
80 9.9 7.2 10.8



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: 3.034 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.25 min

Lab File: BF117908.D

Acq: 21 Nov 2019 13:26

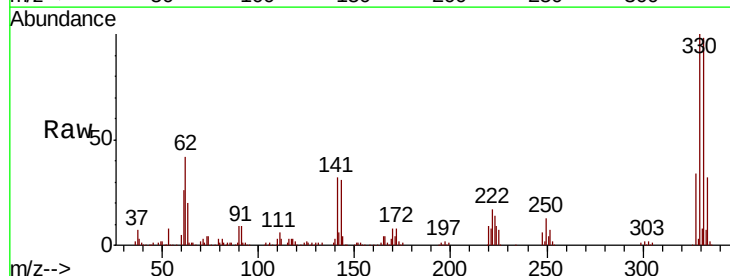
Tgt Ion:248 Resp: 22373

Ion Ratio Lower Upper

248 100

250 204.2 76.6 115.0#

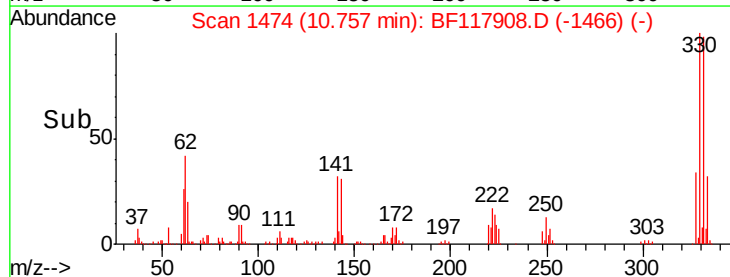
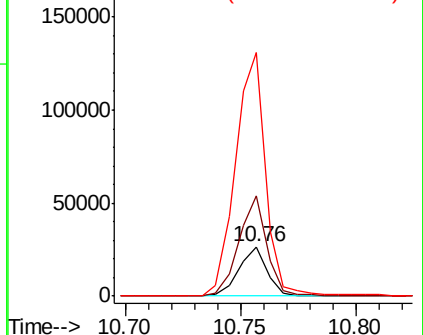
141 492.7 55.9 83.9#

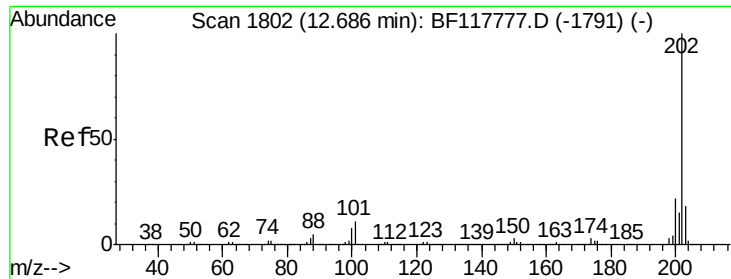


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

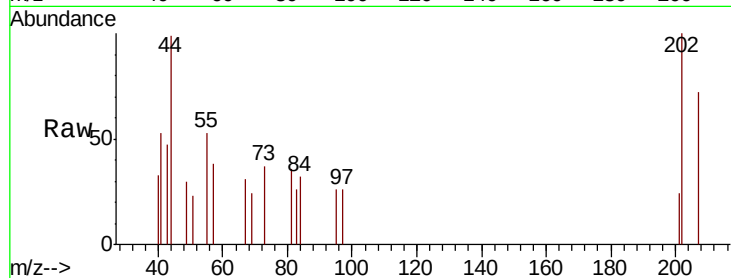




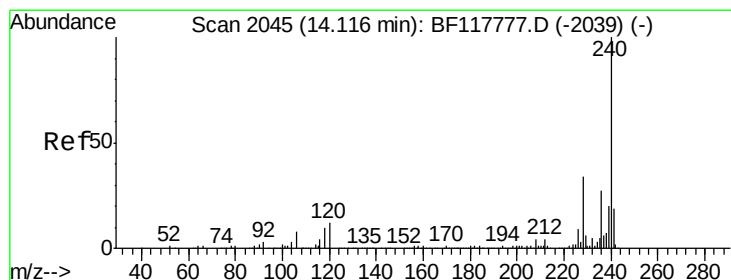
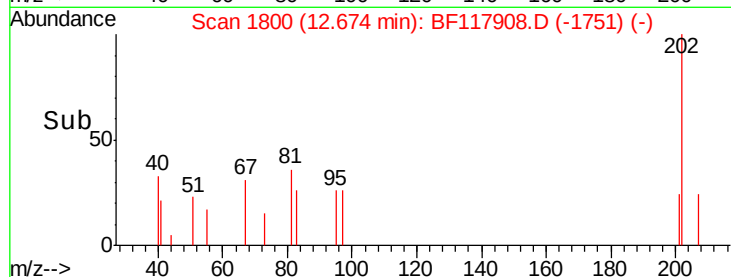
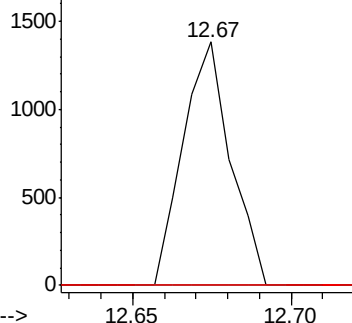
#75
Fluoranthene
Concen: Below Cal
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF117908.D
Acq: 21 Nov 2019 13:26

Instrument :
BNA_F
ClientSampleId :
B-5B

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

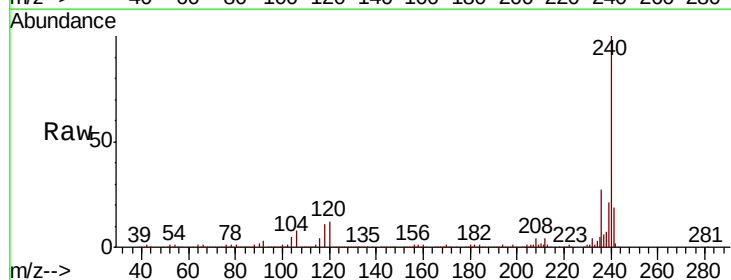


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

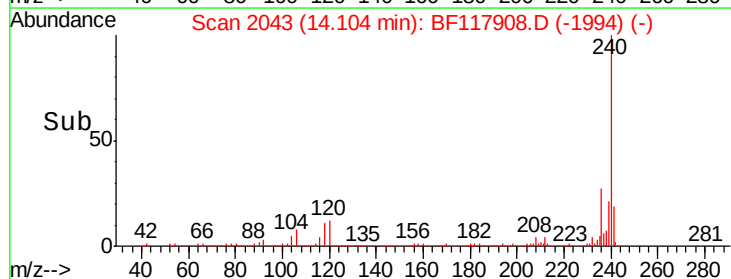
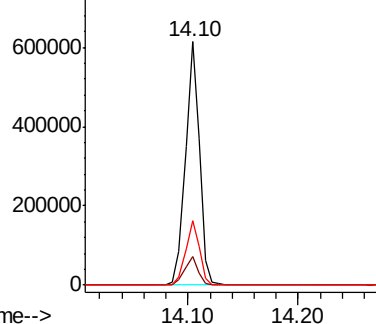


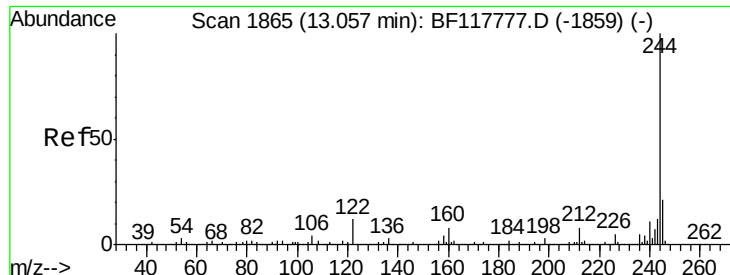
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117908.D
Acq: 21 Nov 2019 13:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.7	21.3	31.9



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: 69.297 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117908.D

Acq: 21 Nov 2019 13:26

Instrument :

BNA_F

ClientSampled :

B-5B

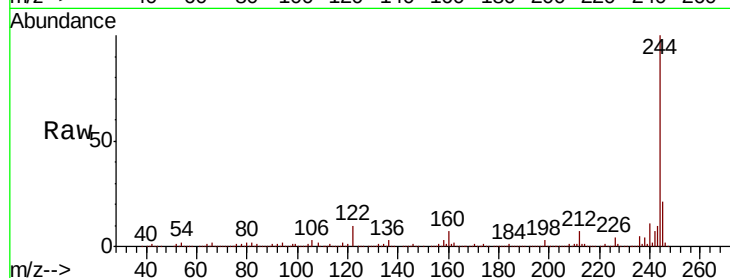
Tot Ion:244 Resp: 2014766

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.3	9.5
122	10.2	9.4	14.2

244 100

212 7.1 6.3 9.5

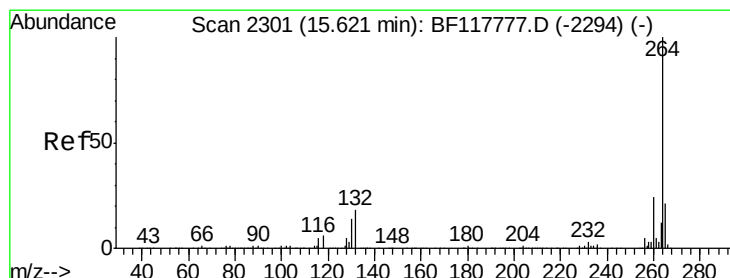
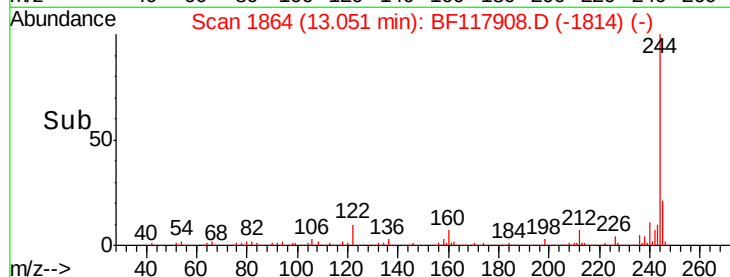
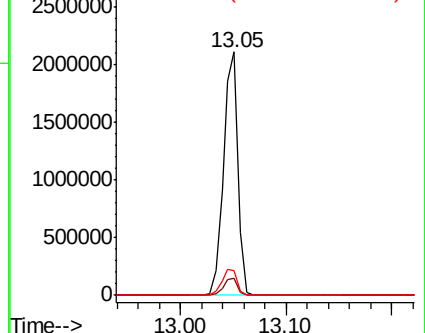
122 10.2 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117908.D

Acq: 21 Nov 2019 13:26

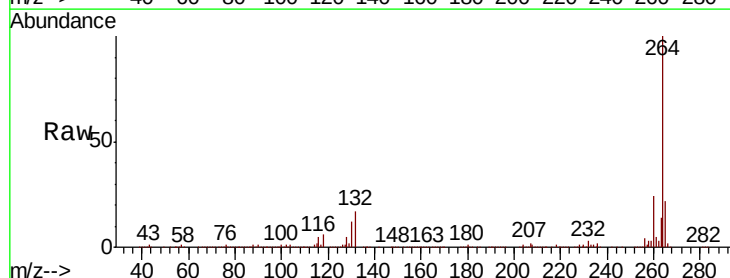
Tgt Ion:264 Resp: 558693

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.6	17.1	25.7

264 100

260 24.2 19.4 29.0

265 21.6 17.1 25.7



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

