

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117978.D
 Acq On : 25 Nov 2019 20:58
 Operator : JU
 Sample : PB125026BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 03:52:33 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

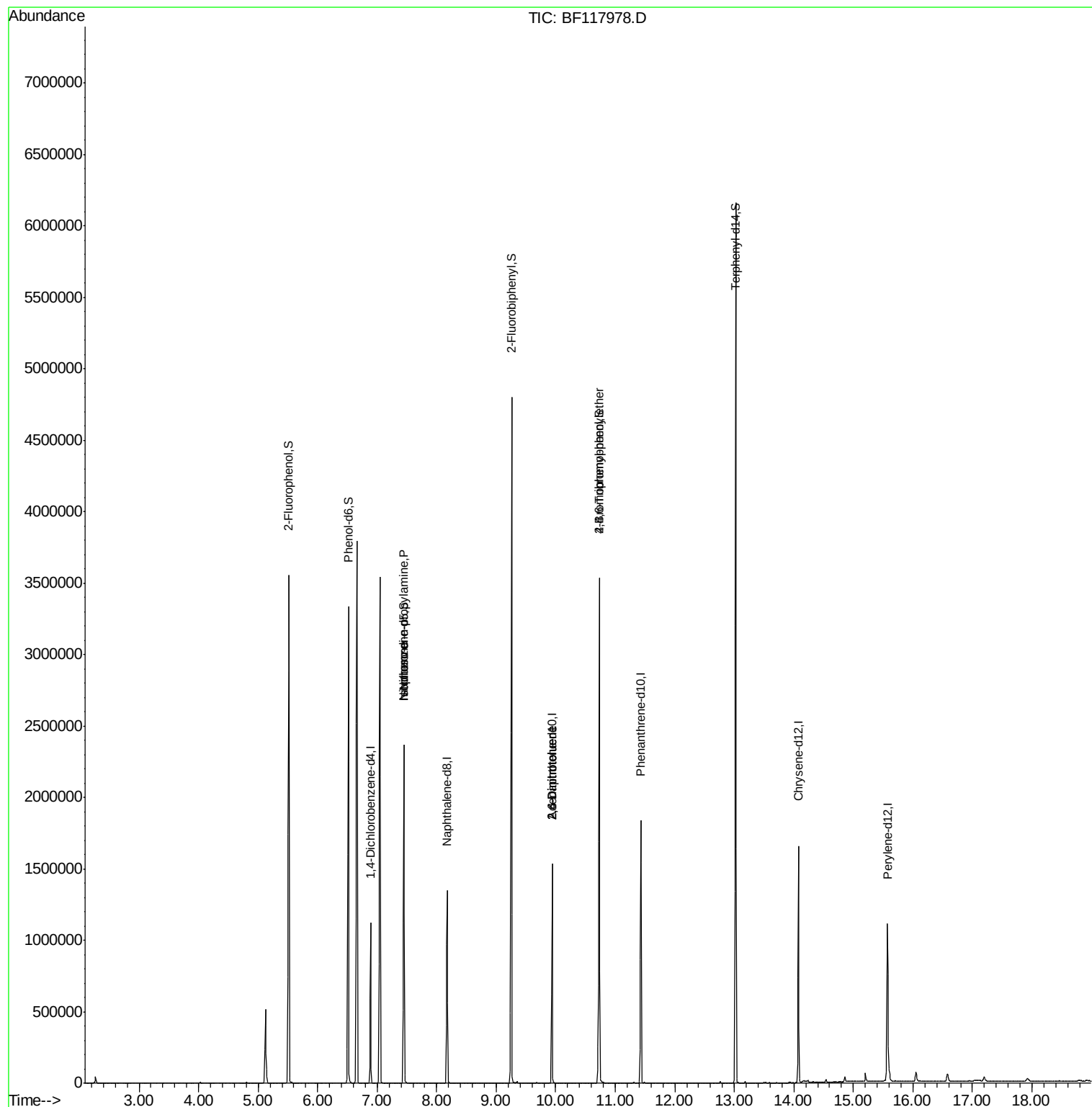
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	158973	20.00	ng	-0.04
21) Naphthalene-d8	8.17	136	635211	20.00	ng	-0.04
39) Acenaphthene-d10	9.94	164	354403	20.00	ng	-0.04
64) Phenanthrene-d10	11.43	188	715375	20.00	ng	-0.04
76) Chrysene-d12	14.08	240	576973	20.00	ng	-0.04
87) Perylene-d12	15.57	264	502265	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1071143	119.27	ng	-0.02
7) Phenol-d6	6.52	99	1375022	126.93	ng	-0.03
23) Nitrobenzene-d5	7.45	82	858589	80.35	ng	-0.04
42) 2,4,6-Tribromophenol	10.73	330	498337	132.82	ng	-0.04
45) 2-Fluorobiphenyl	9.26	172	1736153	87.89	ng	-0.04
79) Terphenyl-d14	13.03	244	2332405	73.88	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.52	77	2169	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.45	70	117348	17.560 ng	#	75
25) Isophorone	7.45	82	842992	43.043 ng	#	62
51) 2,6-Dinitrotoluene	9.94	165	45774	8.427 ng	#	23
57) 2,4-Dinitrotoluene	9.94	165	45774	6.625 ng	#	25
67) 4-Bromophenyl-phenylether	10.73	248	31749	4.113 ng	#	1
75) Fluoranthene	12.88	202	108	Below Cal		63

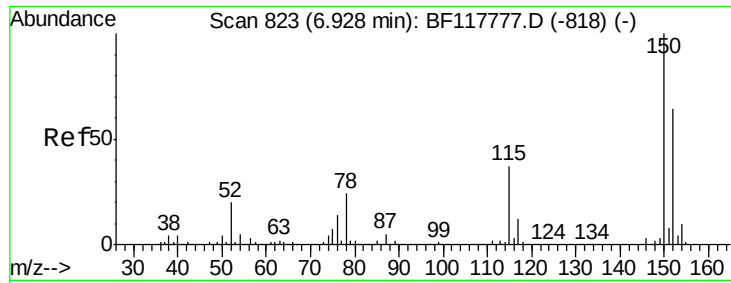
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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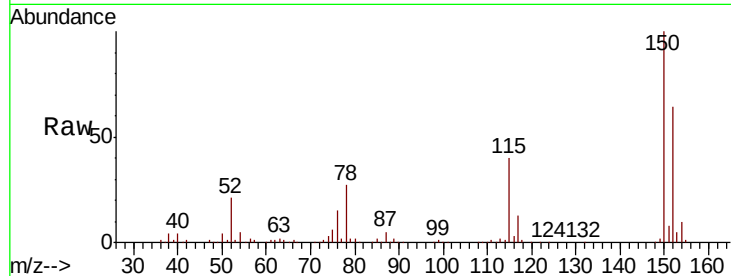


#1

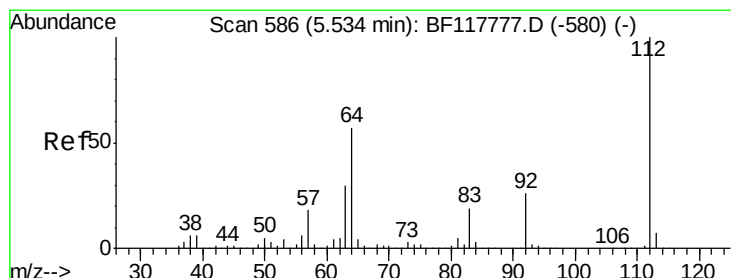
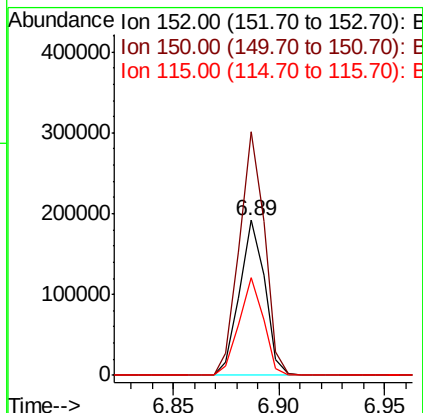
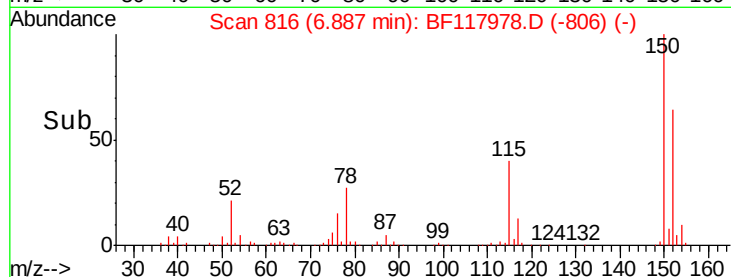
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.04 min
Lab File: BF117978.D
Acq: 25 Nov 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 158973
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 63.1 47.0 70.4



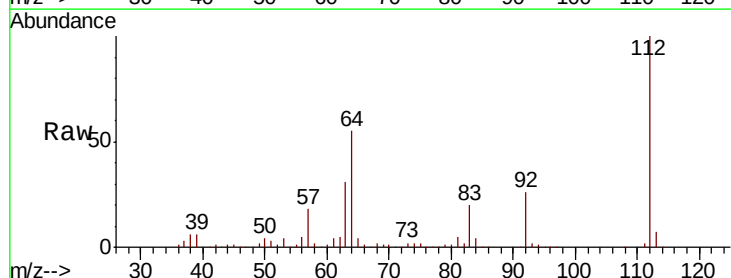
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



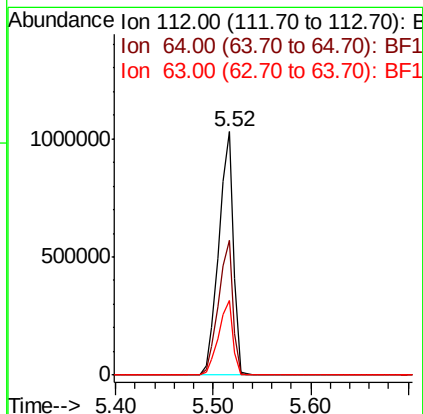
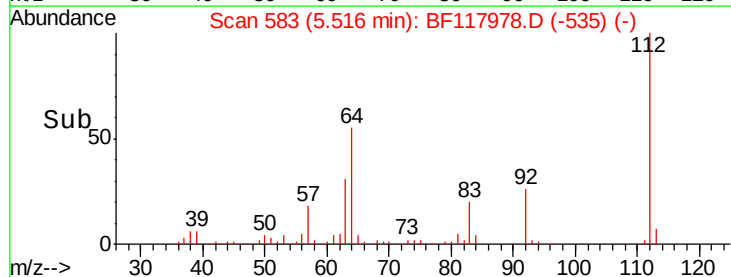
#5

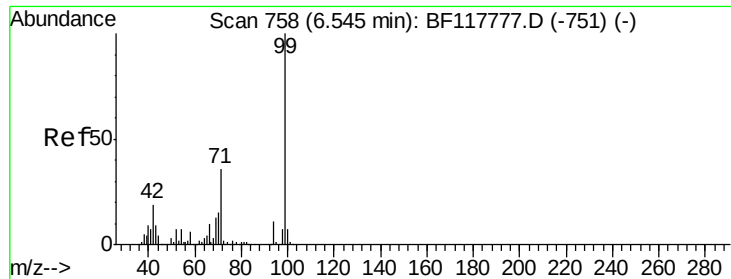
2-Fluorophenol
Concen: 119.268 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF117978.D
Acq: 25 Nov 2019 20:58

Tgt Ion:112 Resp: 1071143
Ion Ratio Lower Upper
112 100
64 55.2 45.6 68.4
63 30.8 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: 126.935 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

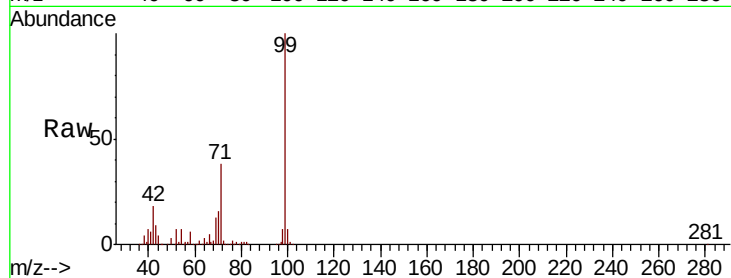
Tot Ion: 99 Resp: 1375022

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

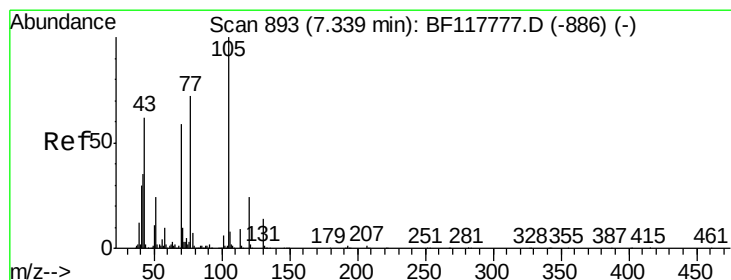
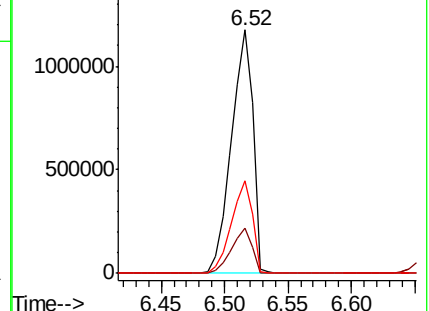
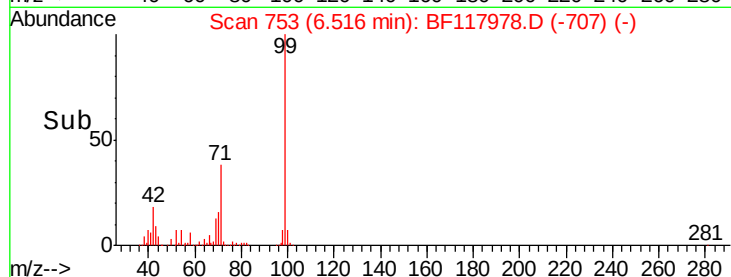
71 38.1 28.6 43.0



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: 17.560 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.11 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

Tgt Ion: 70 Resp: 117348

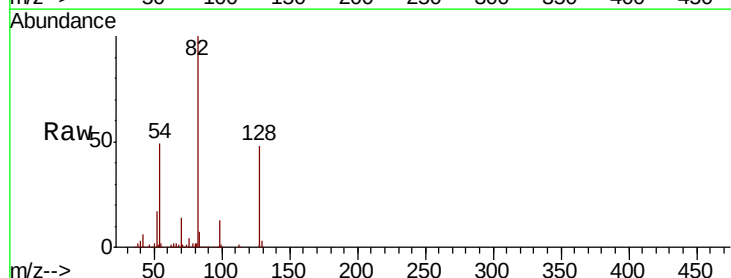
Ion Ratio Lower Upper

70 100

42 46.2 47.4 71.2#

101 0.0 8.4 12.6#

130 2.0 18.8 28.2#

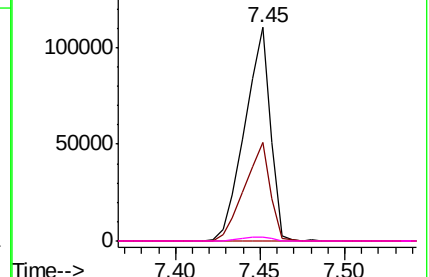
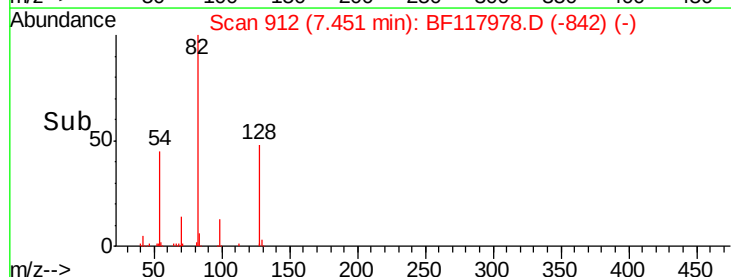


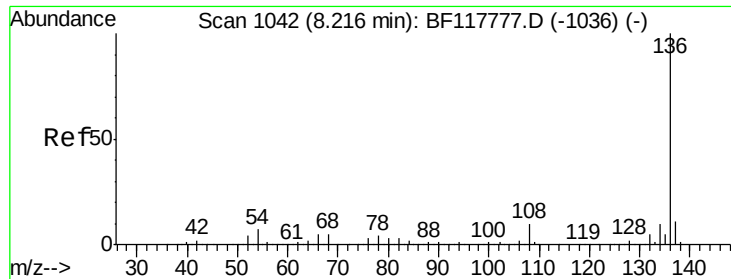
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

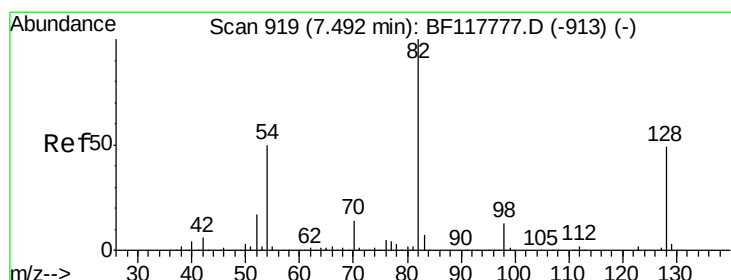
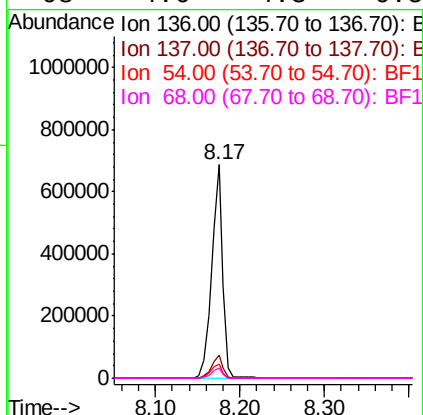
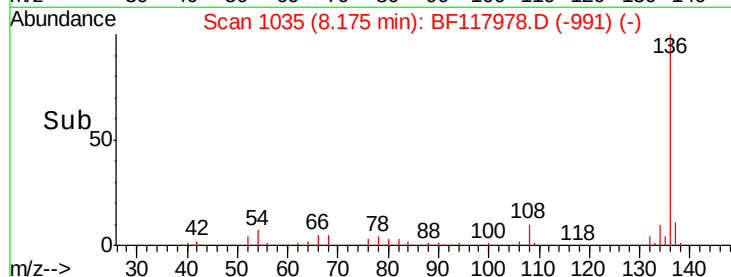
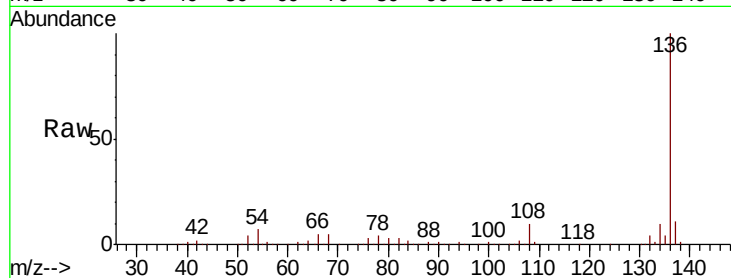




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BF117978.D
Acq: 25 Nov 2019 20:58

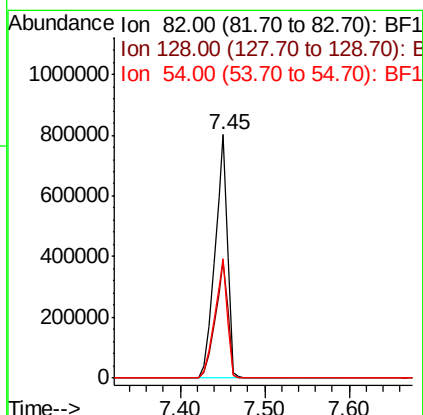
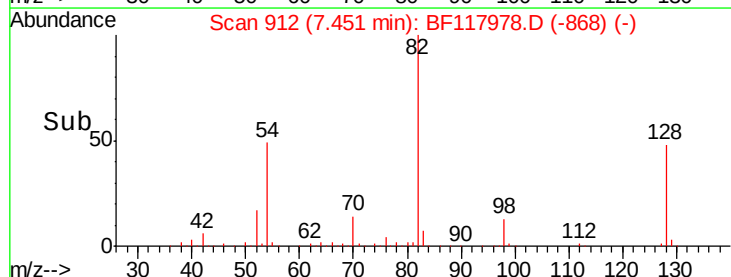
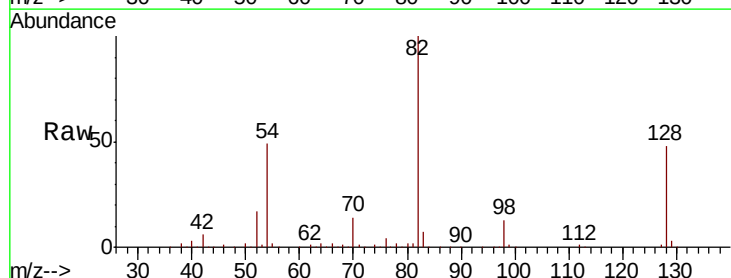
Instrument :
BNA_F
ClientSampled :

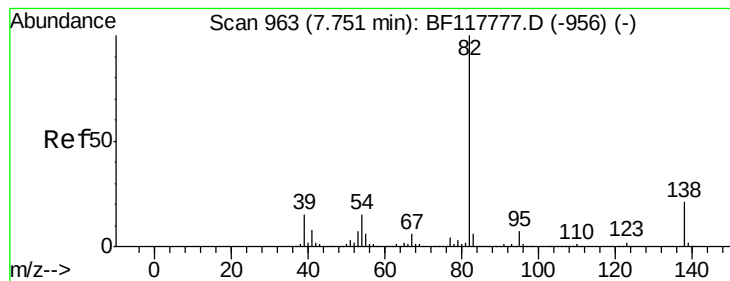
Tot Ion:136	Resp:	635211
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.5	5.4 8.2
68	4.6	4.3 6.5



#23
Nitrobenzene-d5
Concen: 80.351 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.04 min
Lab File: BF117978.D
Acq: 25 Nov 2019 20:58

Tgt Ion: 82	Resp:	858589
Ion Ratio	Lower	Upper
82	100	
128	47.8	38.9 58.3
54	48.9	39.8 59.6





#25

Isophorone

Concen: 43.043 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.30 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

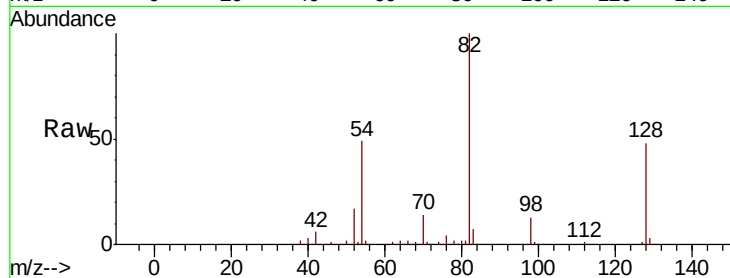
Tot Ion: 82 Resp: 842992

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

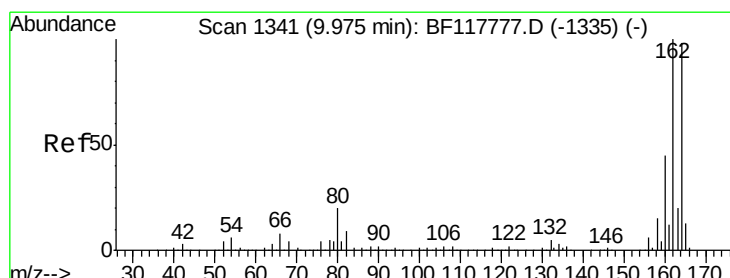
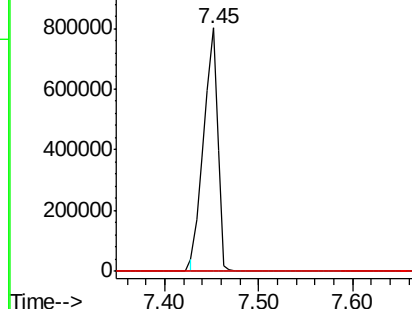
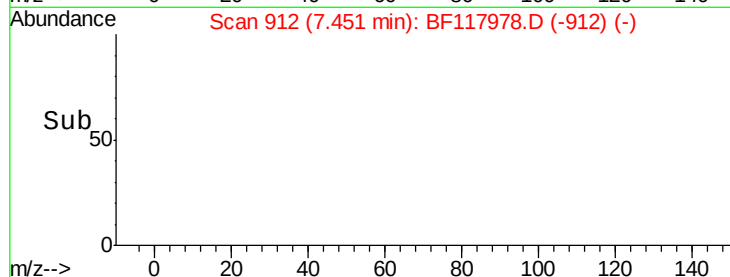
138 0.0 16.5 24.7#



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: 9.94 min Scan# 1335

Delta R.T. -0.04 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

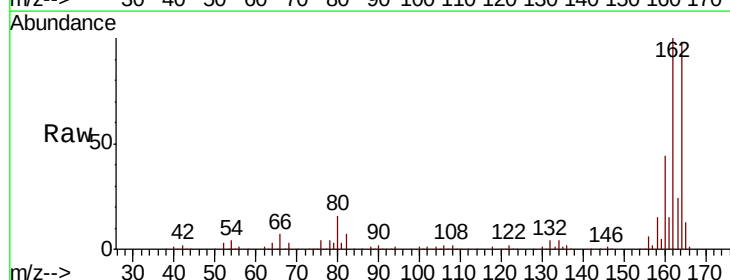
Tgt Ion:164 Resp: 354403

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

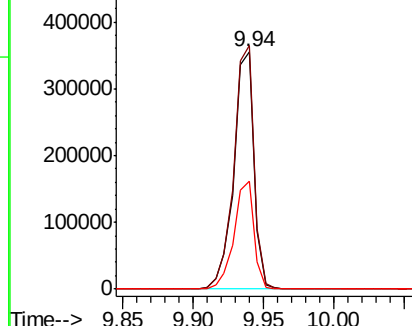
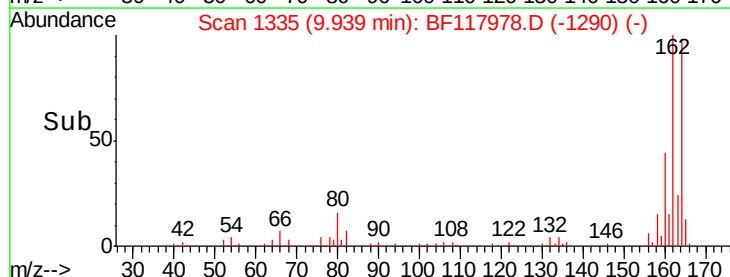
160 45.3 36.6 55.0

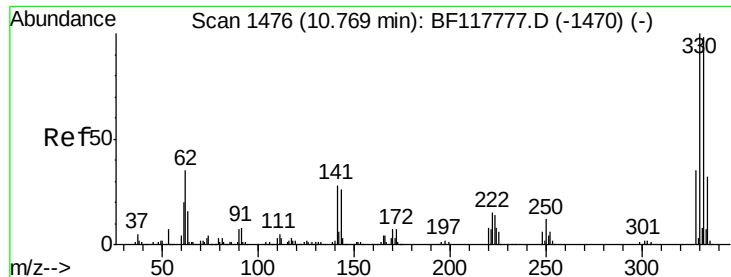


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 132.818 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.04 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

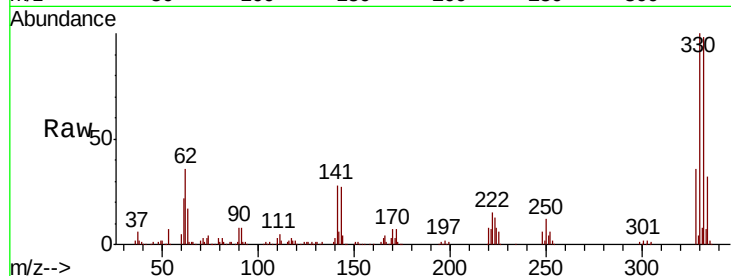
Tot Ion:330 Resp: 498337

Ion Ratio Lower Upper

330 100

332 97.5 76.7 115.1

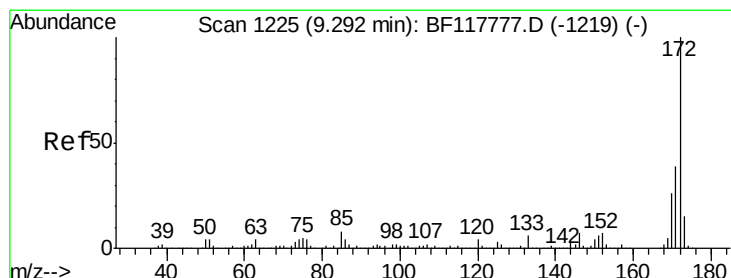
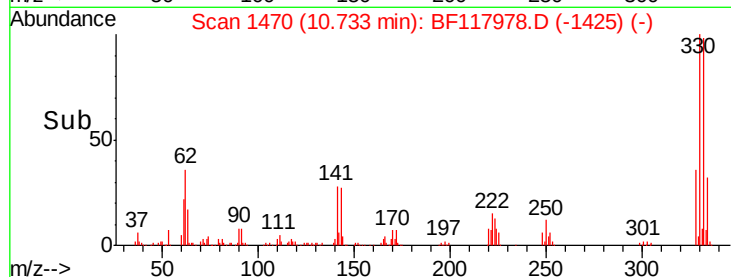
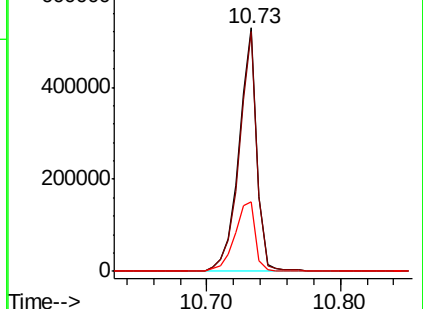
141 33.0 27.7 41.5



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: 87.886 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.04 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

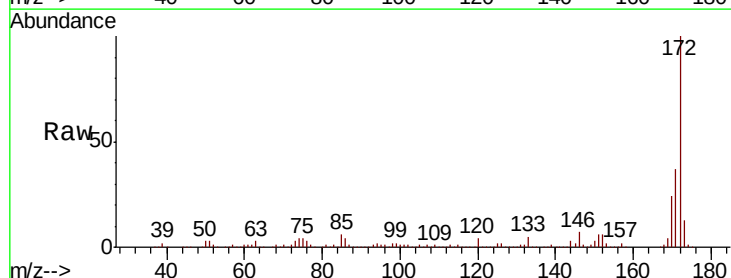
Tgt Ion:172 Resp: 1736153

Ion Ratio Lower Upper

172 100

171 36.7 30.9 46.3

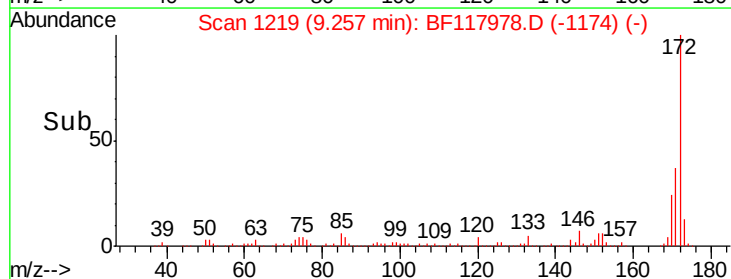
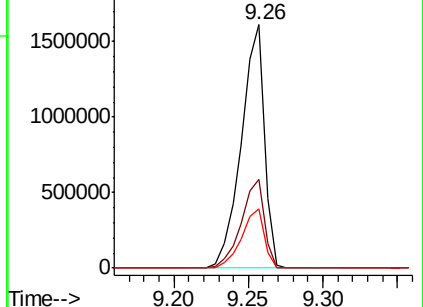
170 24.4 21.0 31.4

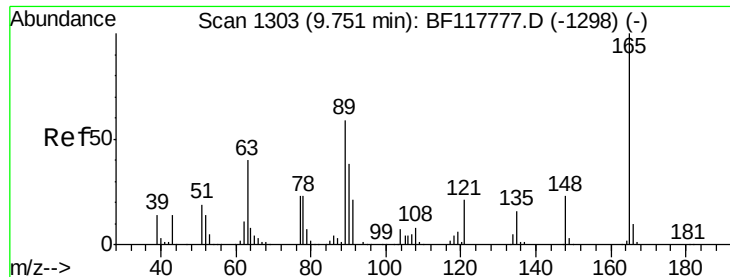


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

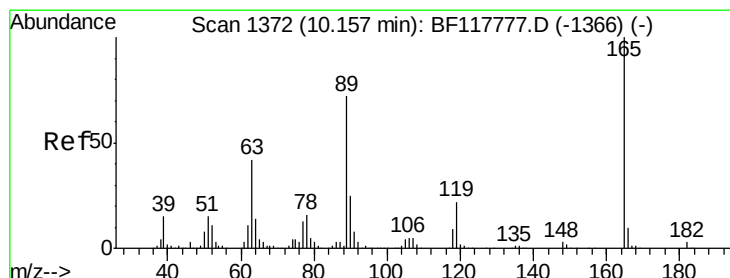
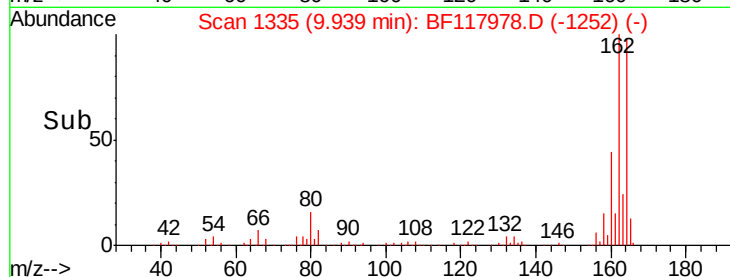
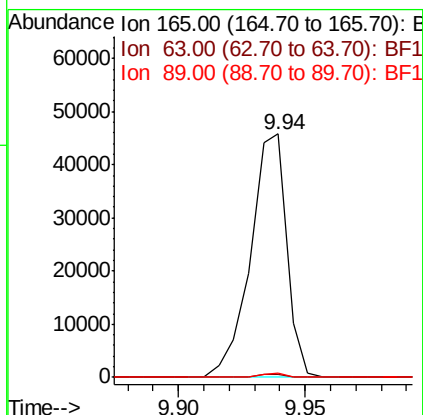
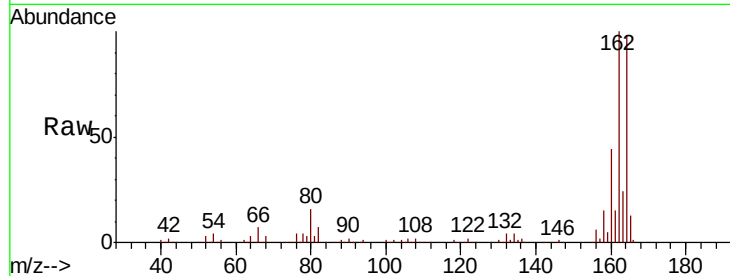




#51
 2,6-Dinitrotoluene
 Concen: 8.427 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.19 min
 Lab File: BF117978.D
 Acq: 25 Nov 2019 20:58

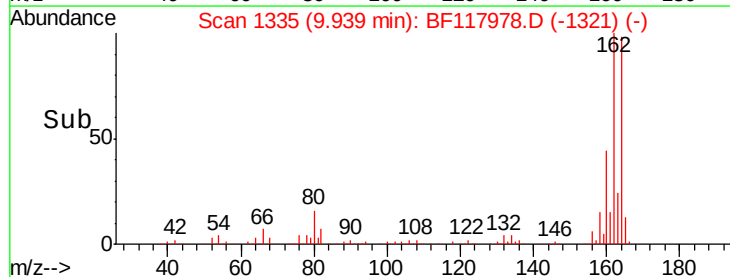
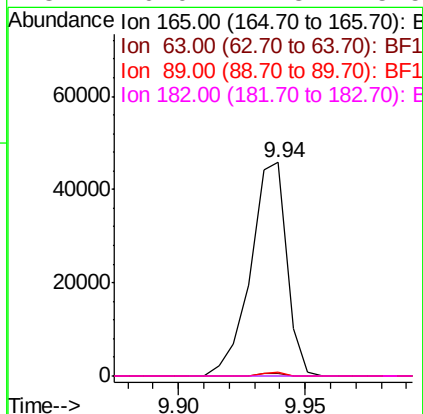
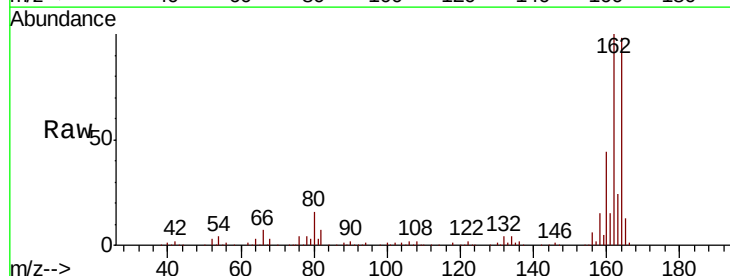
Instrument :
 BNA_F
 ClientSampleId :

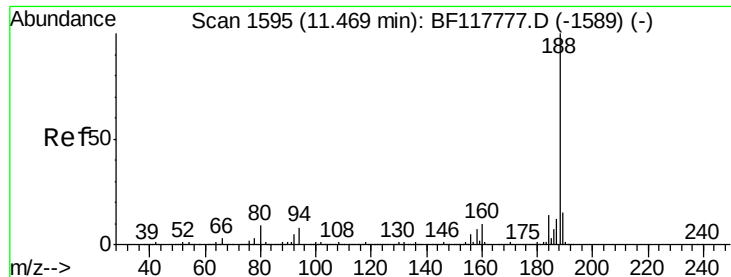
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	46.0	69.0#
89	1.6	47.7	71.5#



#57
 2,4-Dinitrotoluene
 Concen: 6.625 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.22 min
 Lab File: BF117978.D
 Acq: 25 Nov 2019 20:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.7	50.5#
89	1.6	57.3	85.9#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.04 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

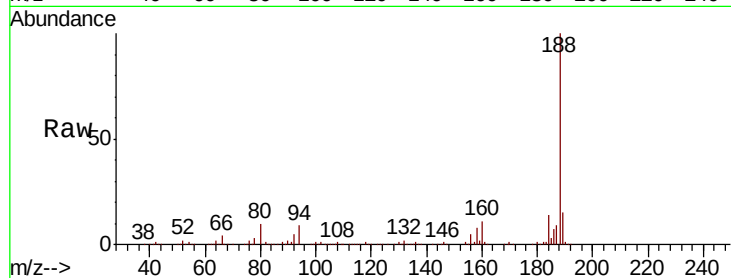
Tot Ion:188 Resp: 715375

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

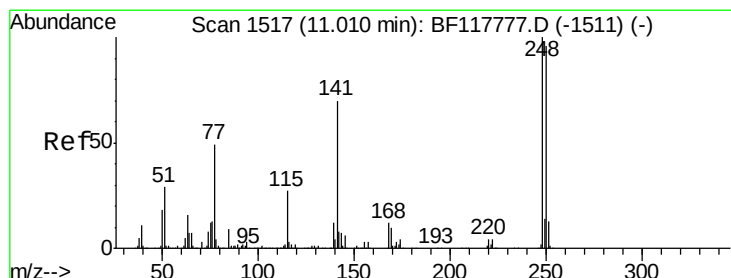
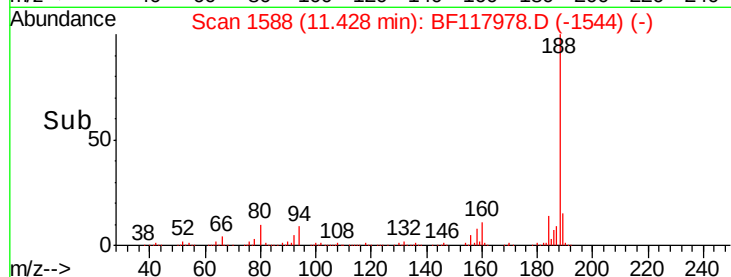
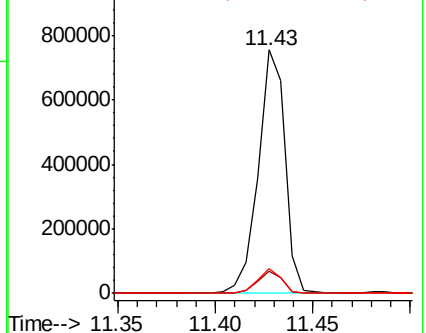
80 10.0 7.2 10.8



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: 4.113 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.28 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

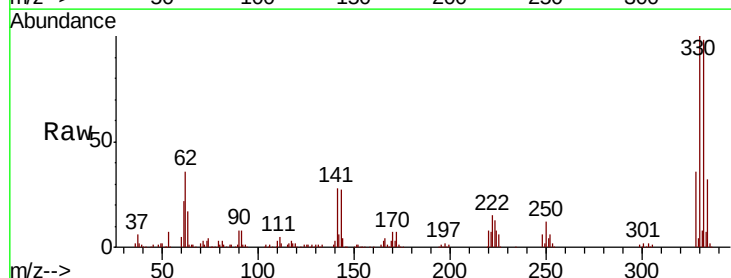
Tgt Ion:248 Resp: 31749

Ion Ratio Lower Upper

248 100

250 204.5 76.6 115.0#

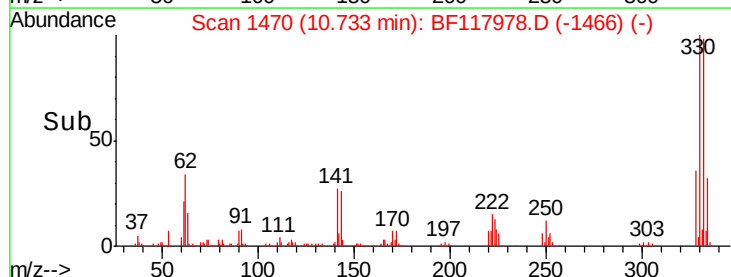
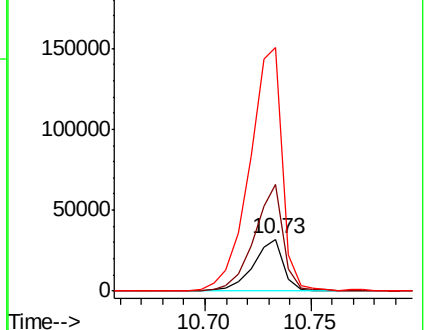
141 466.8 55.9 83.9#

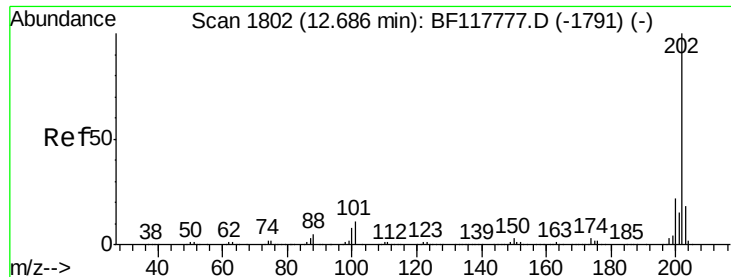


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Fluoranthene

Concen: Below Cal

RT: 12.88 min Scan# 1835

Delta R.T. 0.19 min

Lab File: BF117978.D

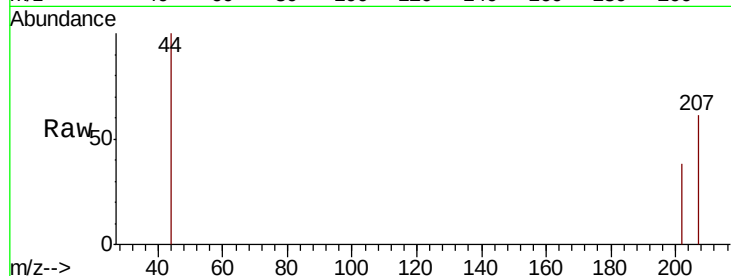
Acq: 25 Nov 2019 20:58

Instrument :

BNA_F

ClientSampleId :

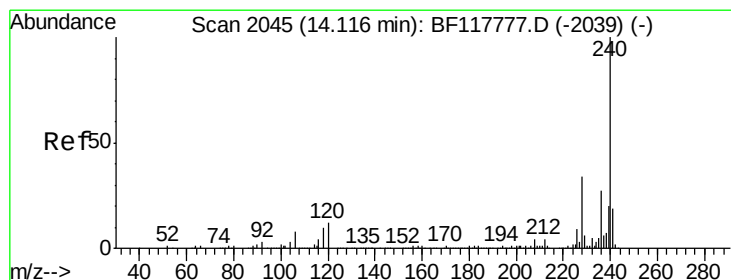
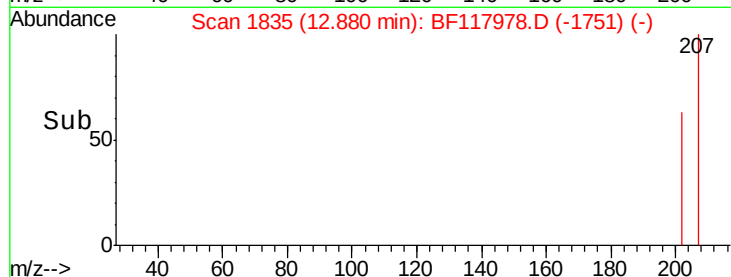
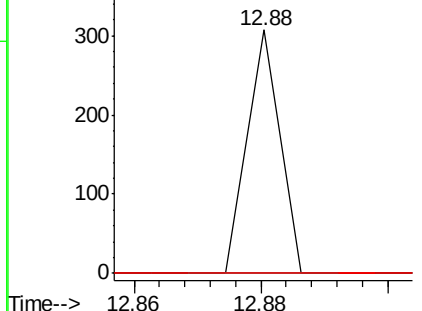
Tot Ion:	202	Resp:	108
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.1
203	0.0	0.0	38.2



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

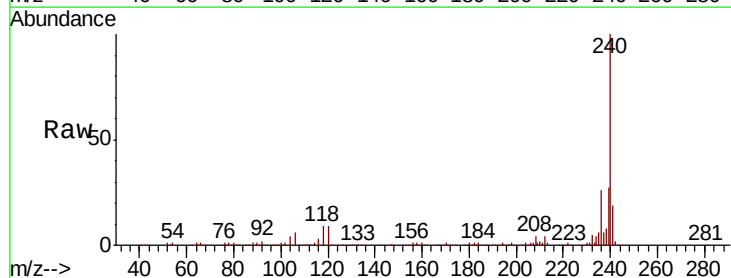
RT: 14.08 min Scan# 2039

Delta R.T. -0.04 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

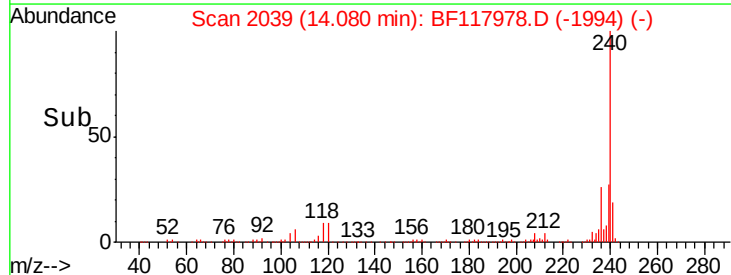
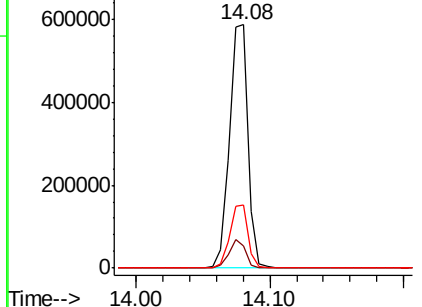
Tgt Ion:	240	Resp:	576973
Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	26.0	21.3	31.9

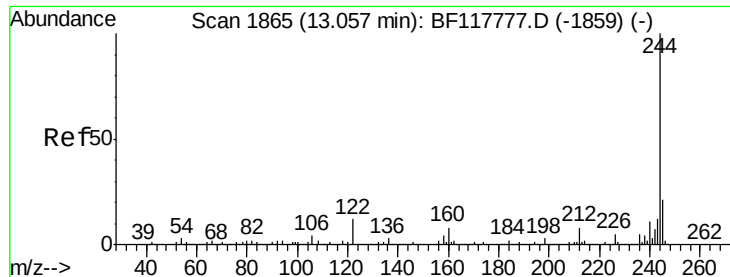


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.881 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.03 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

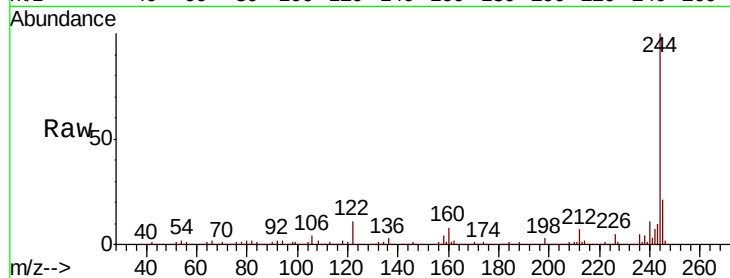
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 2332405

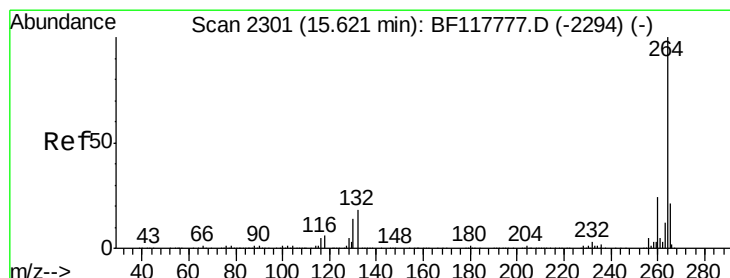
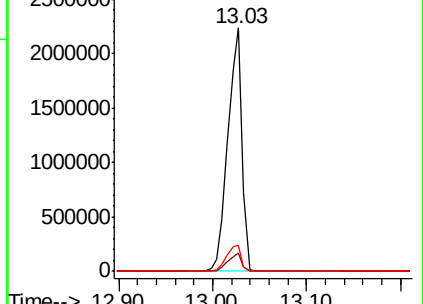
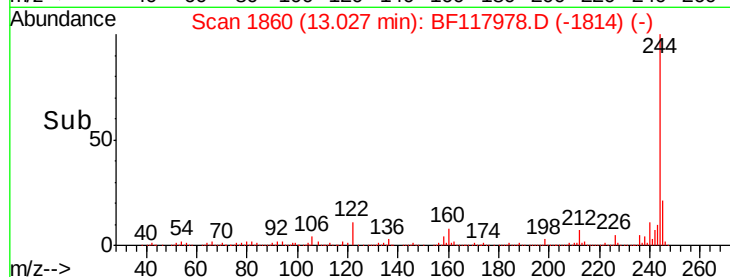
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	10.7	9.4	14.2



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: 15.57 min Scan# 2293

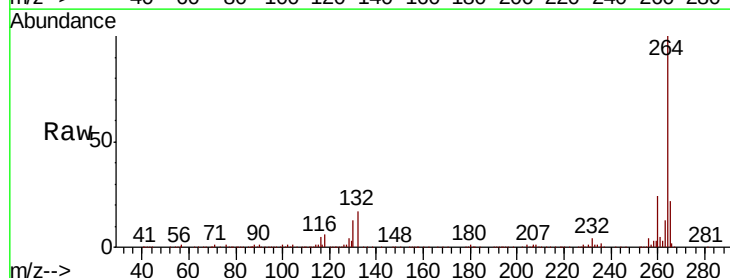
Delta R.T. -0.05 min

Lab File: BF117978.D

Acq: 25 Nov 2019 20:58

Tgt Ion:264 Resp: 502265

Ion	Ratio	Lower	Upper
264	100		
260	24.4	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

