

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118003.D
 Acq On : 26 Nov 2019 13:28
 Operator : JU
 Sample : PB125092BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 13:55:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	165690	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	662263	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	368854	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	691593	20.00	ng	0.00
76) Chrysene-d12	14.08	240	472757	20.00	ng	0.00
87) Perylene-d12	15.59	264	415833	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	909247	97.14	ng	0.01
7) Phenol-d6	6.52	99	805174	71.32	ng	0.00
23) Nitrobenzene-d5	7.46	82	950842	85.35	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	504281	129.14	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1755166	85.37	ng	0.00
79) Terphenyl-d14	13.03	244	2066460	79.89	ng	0.00

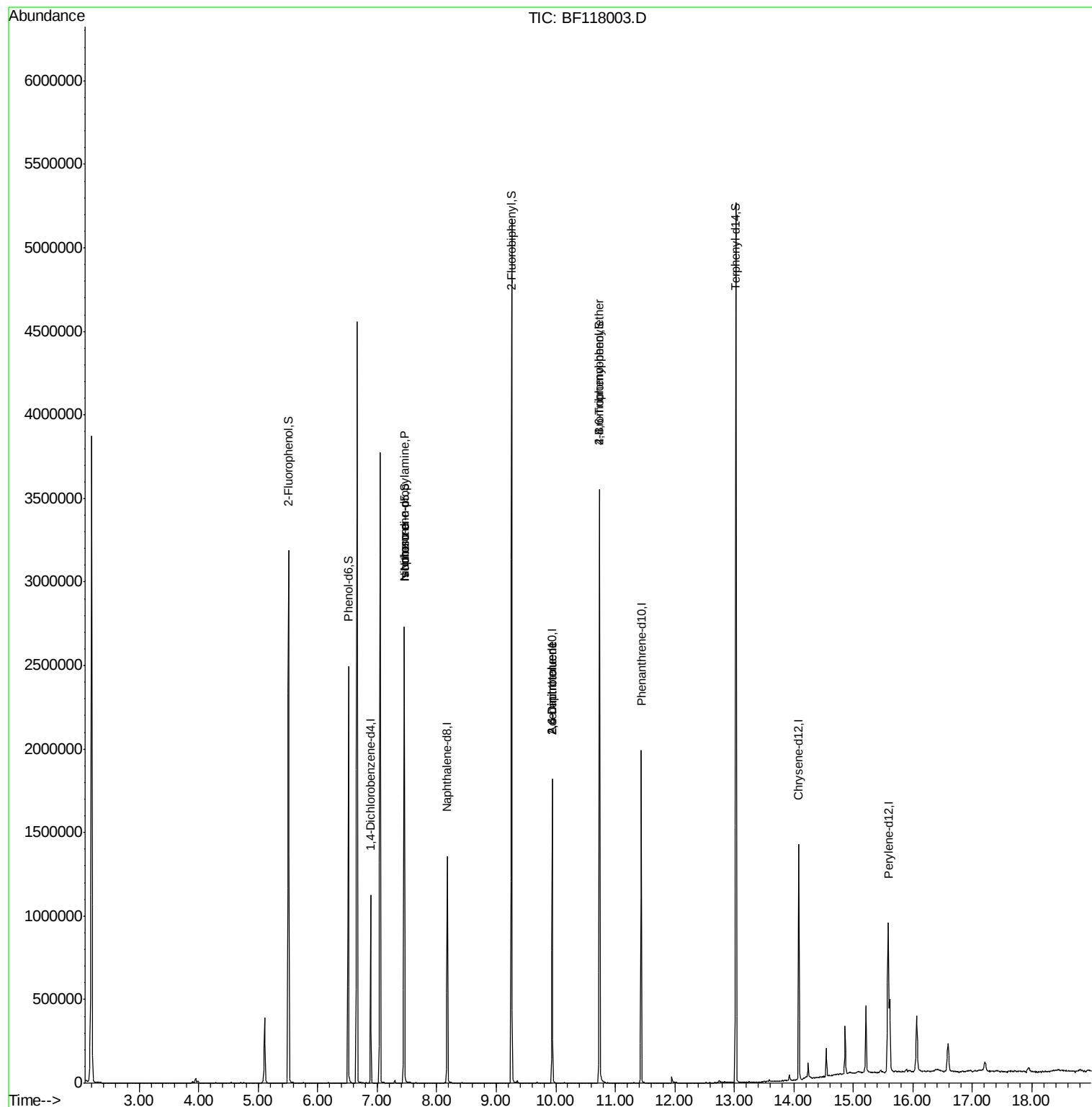
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	1232	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.46	70	128172	18.402	ng	# 74
25) Isophorone	7.46	82	950836	46.566	ng	# 62
51) 2,6-Dinitrotoluene	9.94	165	46852	8.288	ng	# 23
57) 2,4-Dinitrotoluene	9.94	165	46852	6.515	ng	# 24
67) 4-Bromophenyl-phenylether	10.73	248	31014	4.156	ng	# 1
75) Fluoranthene	12.65	202	165	Below Cal		63

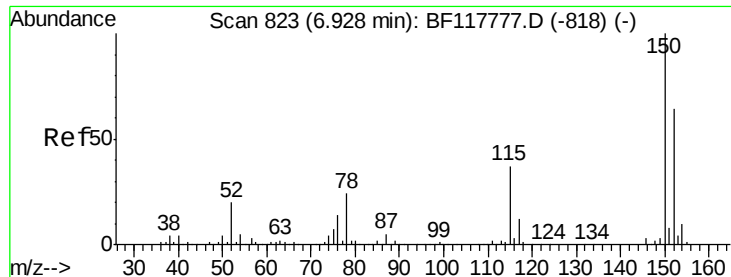
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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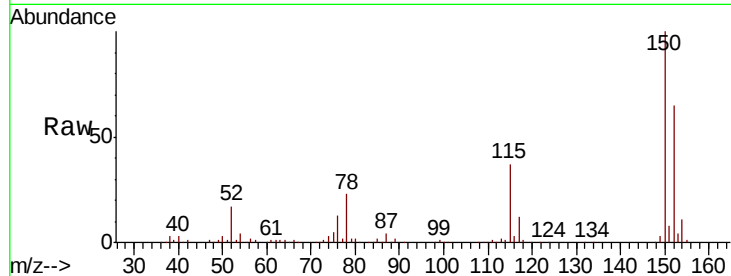


#1

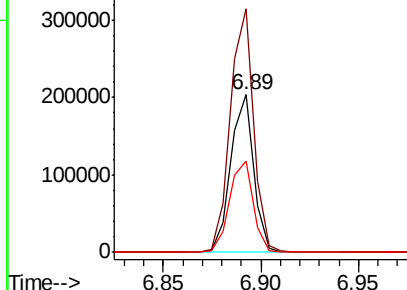
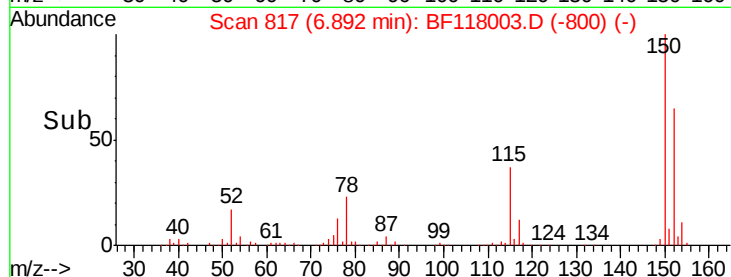
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF118003.D
Acq: 26 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165690
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 57.7 47.0 70.4



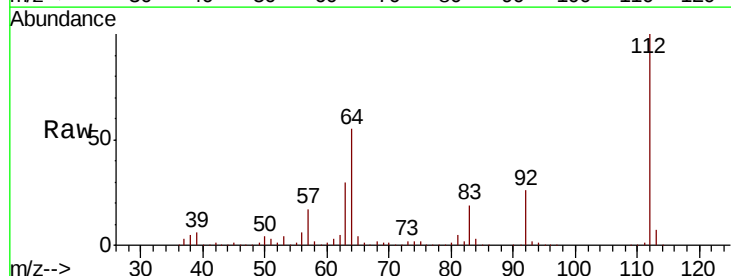
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



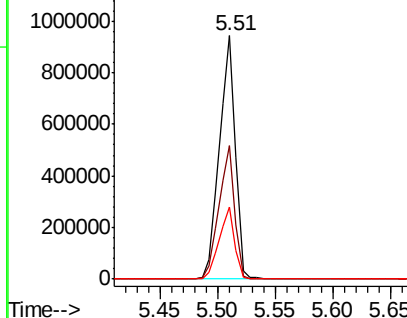
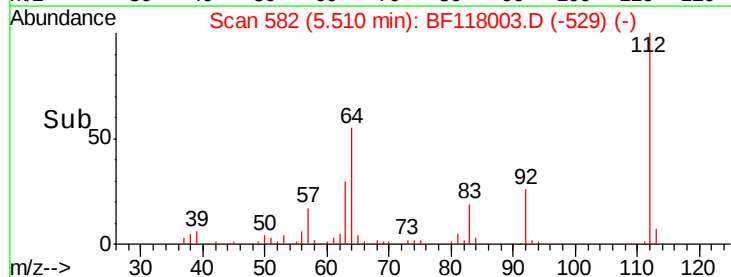
#5

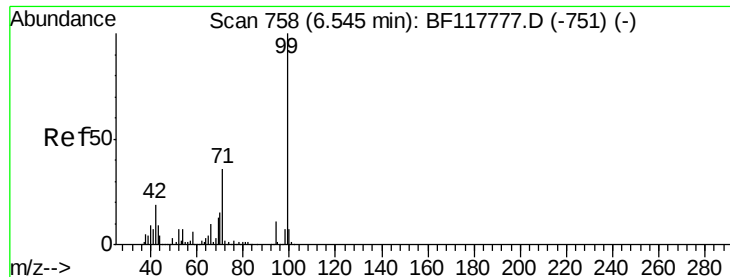
2-Fluorophenol
Concen: 97.137 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118003.D
Acq: 26 Nov 2019 13:28

Tgt Ion:112 Resp: 909247
Ion Ratio Lower Upper
112 100
64 54.8 45.6 68.4
63 29.5 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: 71.316 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118003.D

Acq: 26 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

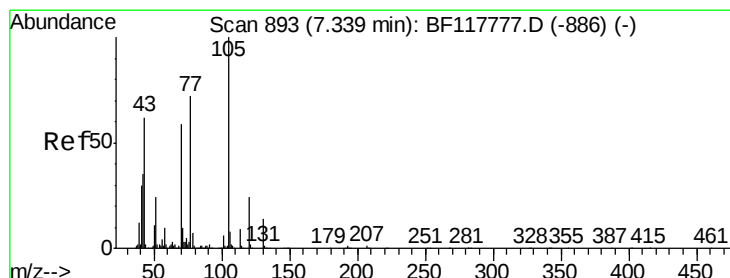
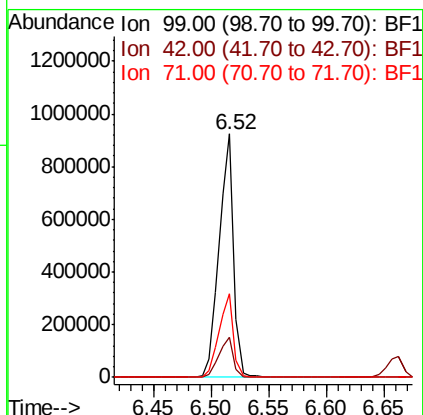
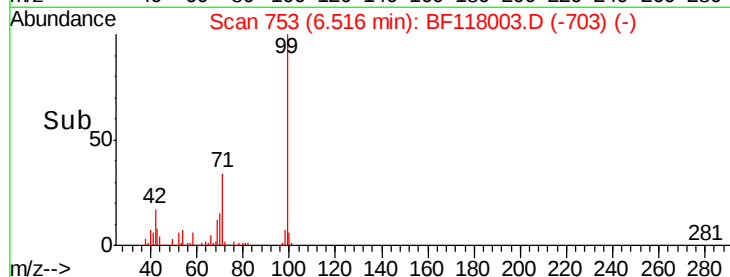
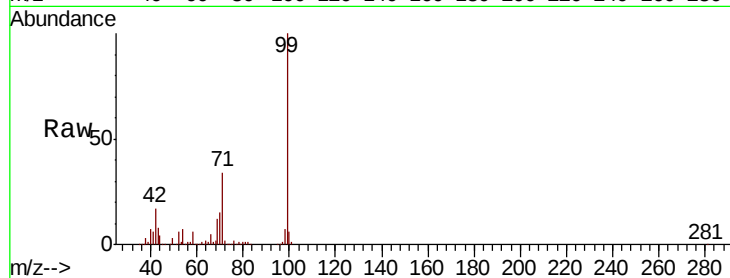
Tot Ion: 99 Resp: 805174

Ion Ratio Lower Upper

99 100

42 16.7 14.9 22.3

71 34.3 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.402 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF118003.D

Acq: 26 Nov 2019 13:28

Tgt Ion: 70 Resp: 128172

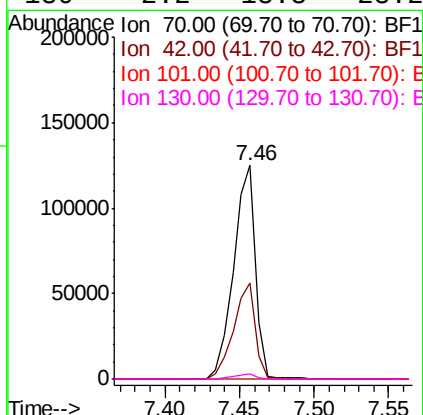
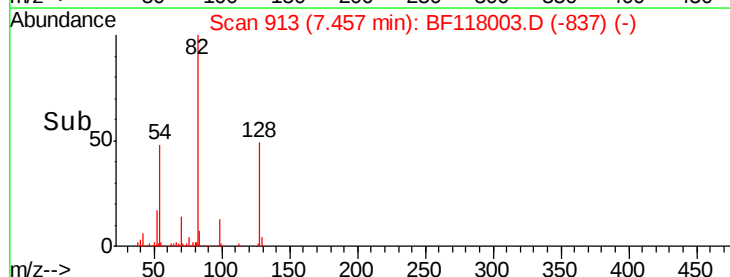
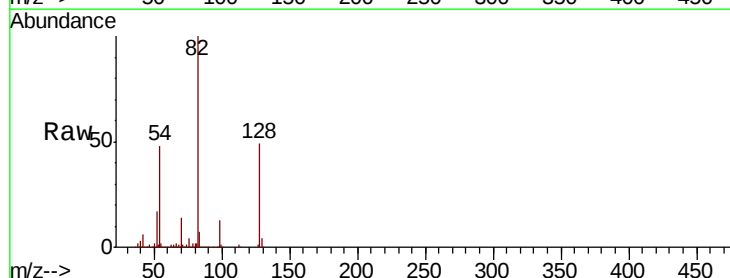
Ion Ratio Lower Upper

70 100

42 45.1 47.4 71.2#

101 0.0 8.4 12.6#

130 2.2 18.8 28.2#

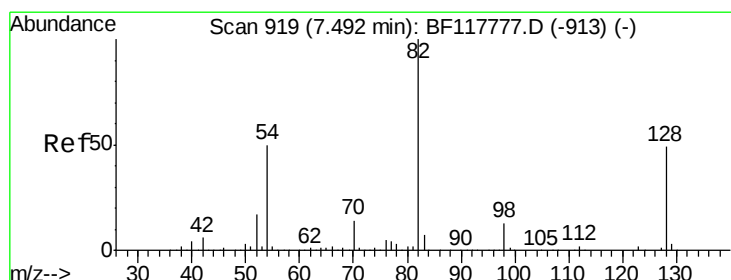
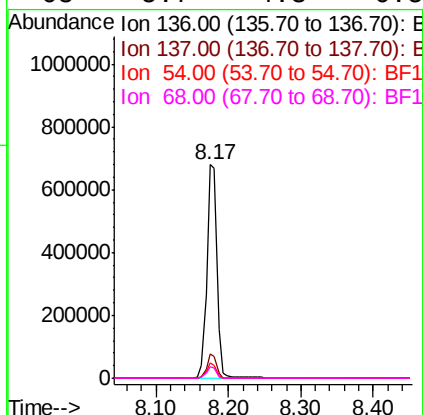
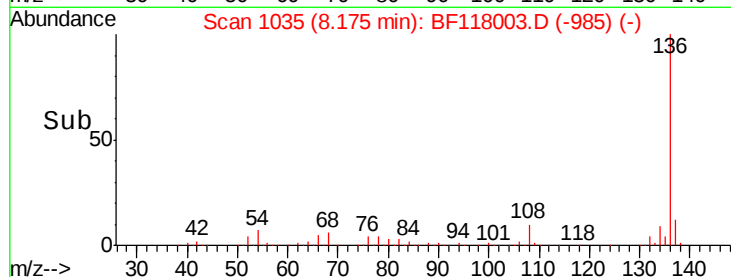
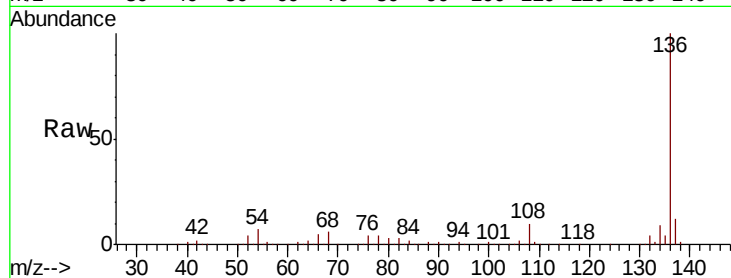




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118003.D
Acq: 26 Nov 2019 13:28

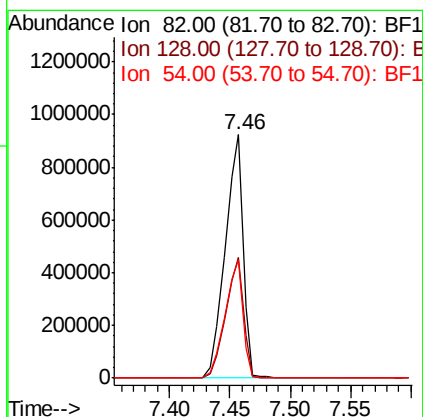
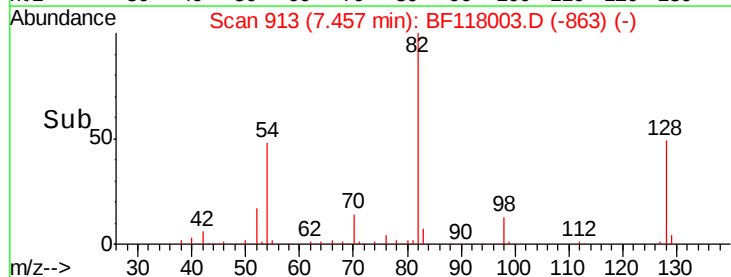
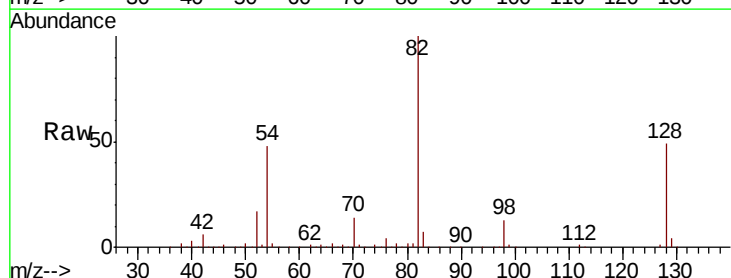
Instrument :
BNA_F
ClientSampled :

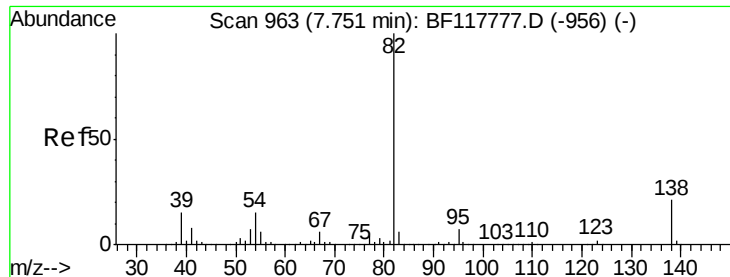
Tot Ion:136	Resp:	662263
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.0 13.4
54	7.3	5.4 8.2
68	5.7	4.3 6.5



#23
Nitrobenzene-d5
Concen: 85.349 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118003.D
Acq: 26 Nov 2019 13:28

Tgt Ion: 82	Resp:	950842
Ion	Ratio	Lower Upper
82	100	
128	49.5	38.9 58.3
54	48.4	39.8 59.6





#25

Isophorone

Concen: 46.566 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF118003.D

Acq: 26 Nov 2019 13:28

Instrument :

BNA_F

ClientSampleId :

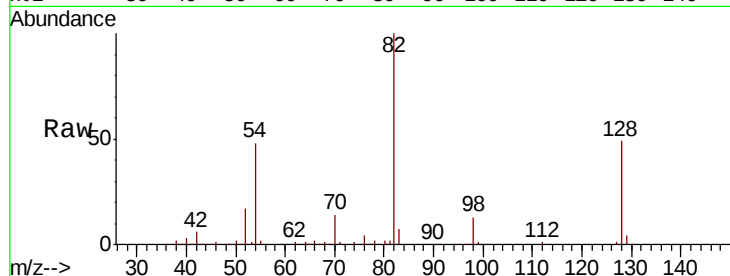
Tot Ion: 82 Resp: 950836

Ion Ratio Lower Upper

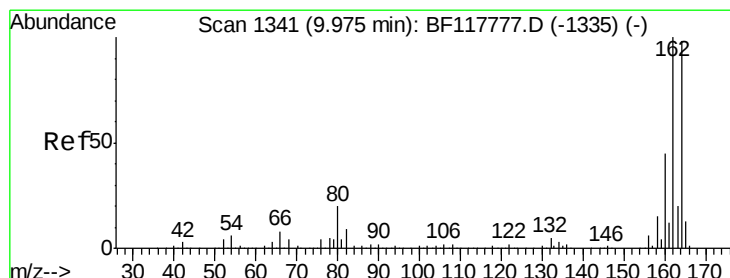
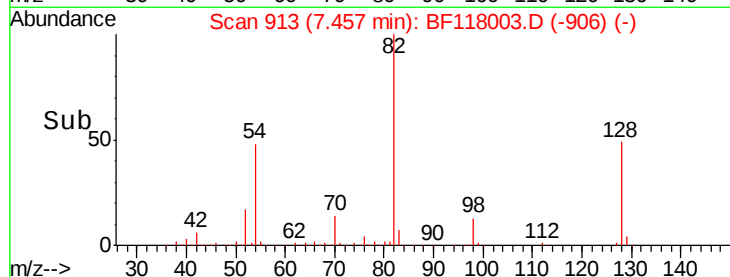
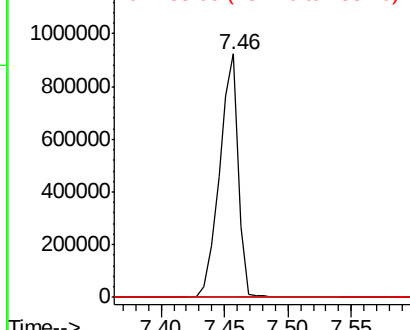
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF118003.D

Acq: 26 Nov 2019 13:28

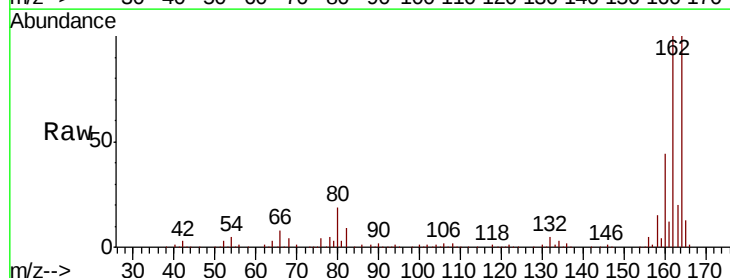
Tgt Ion:164 Resp: 368854

Ion Ratio Lower Upper

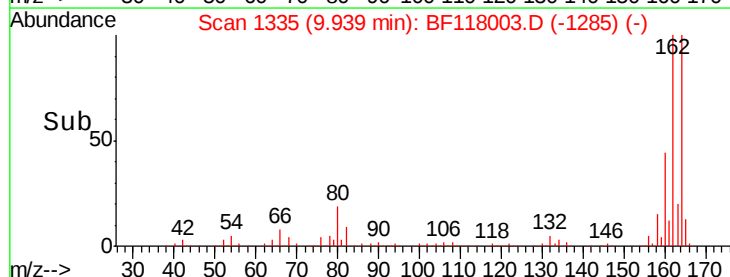
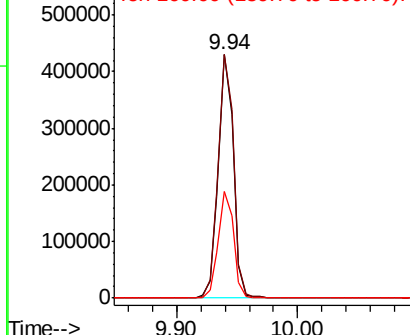
164 100

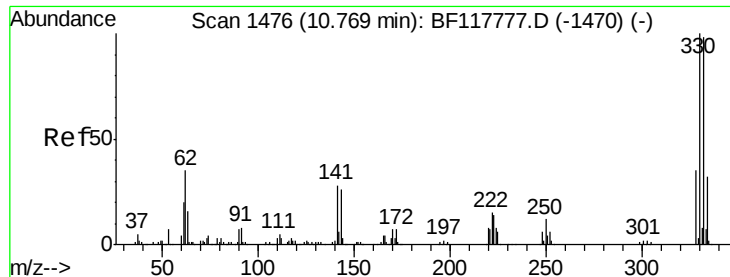
162 100.0 81.3 121.9

160 44.0 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

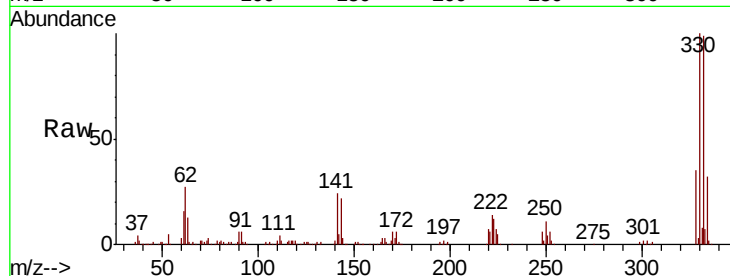




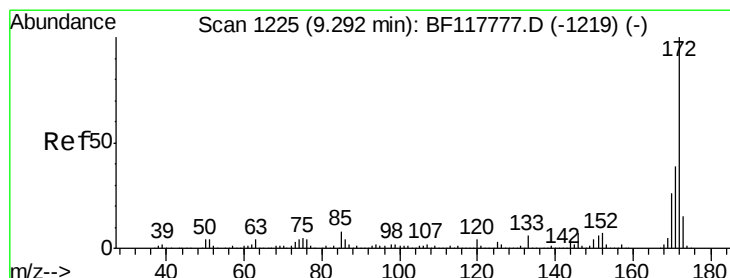
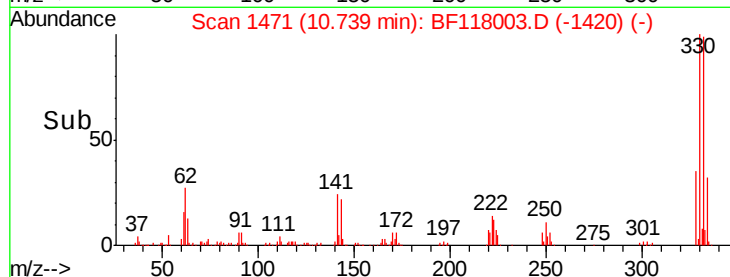
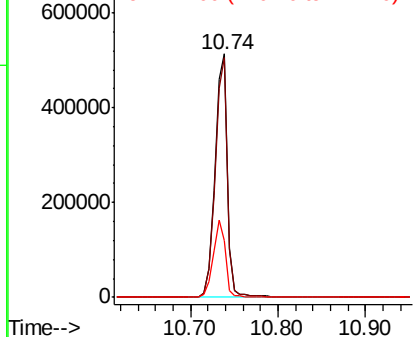
#42
 2,4,6-Tribromophenol
 Concen: 129.137 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.00 min
 Lab File: BF118003.D
 Acq: 26 Nov 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.7	115.1
141	31.6	27.7	41.5

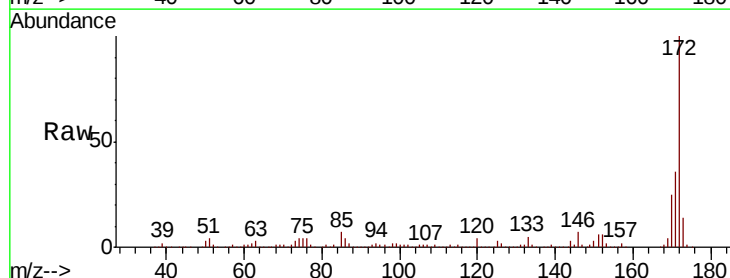


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

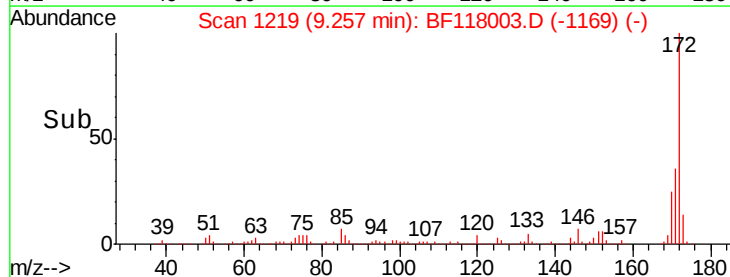
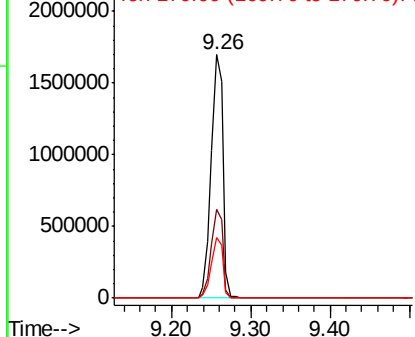


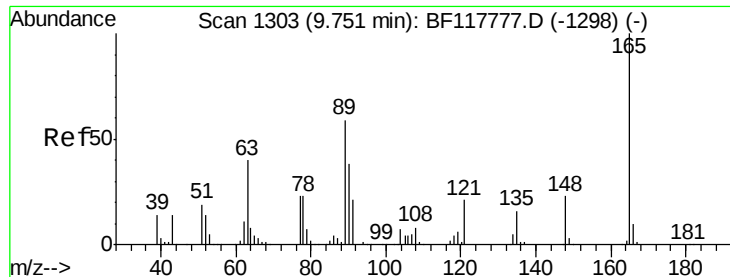
#45
 2-Fluorobiphenyl
 Concen: 85.368 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF118003.D
 Acq: 26 Nov 2019 13:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.9	46.3
170	24.7	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

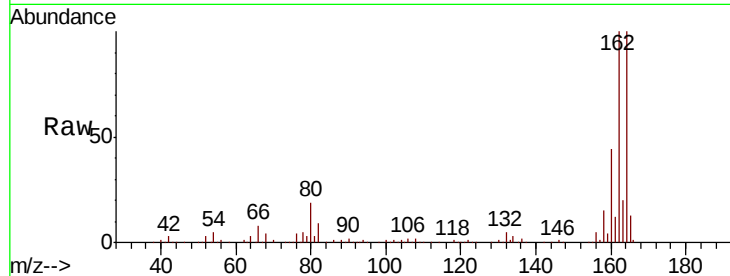




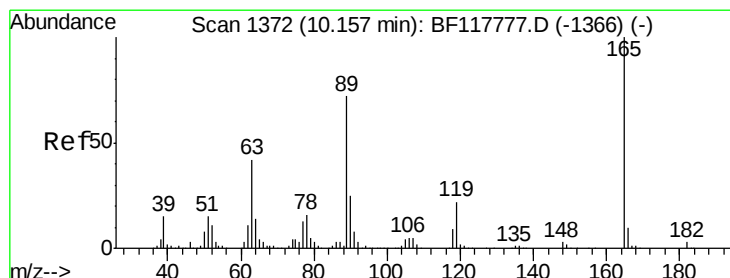
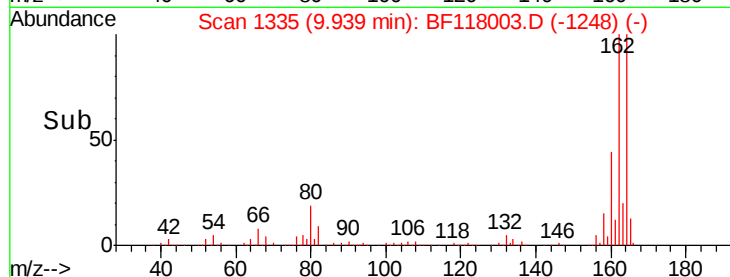
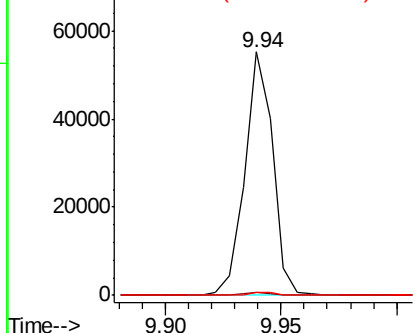
#51
 2,6-Dinitrotoluene
 Concen: 8.288 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.21 min
 Lab File: BF118003.D
 Acq: 26 Nov 2019 13:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	46.0	69.0#
89	1.1	47.7	71.5#



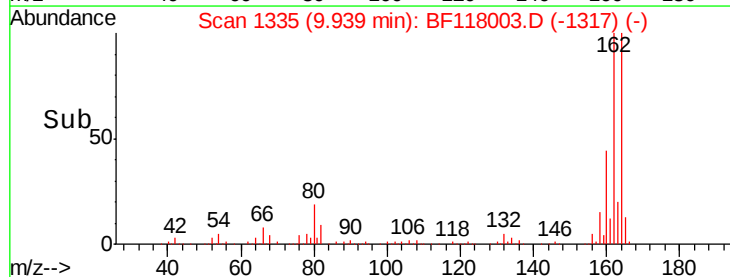
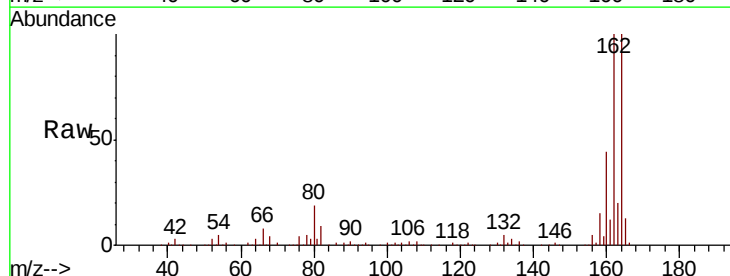
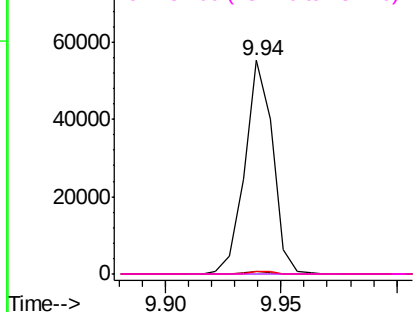
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

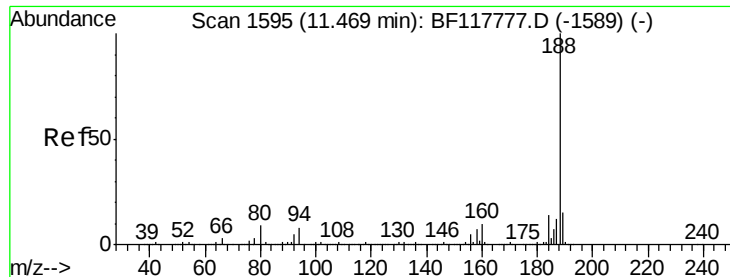


#57
 2,4-Dinitrotoluene
 Concen: 6.515 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF118003.D
 Acq: 26 Nov 2019 13:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.7	50.5#
89	1.1	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: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF118003.D

Acq: 26 Nov 2019 13:28

Instrument :

BNA_F

ClientSampled :

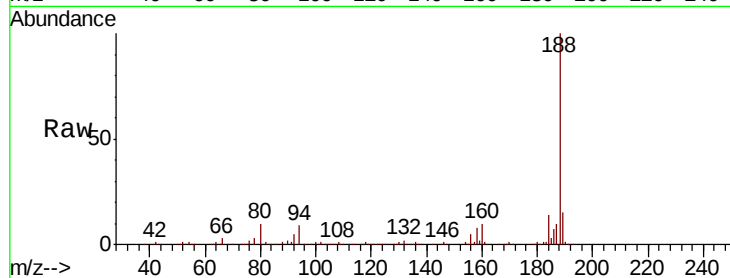
Tot Ion:188 Resp: 691593

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

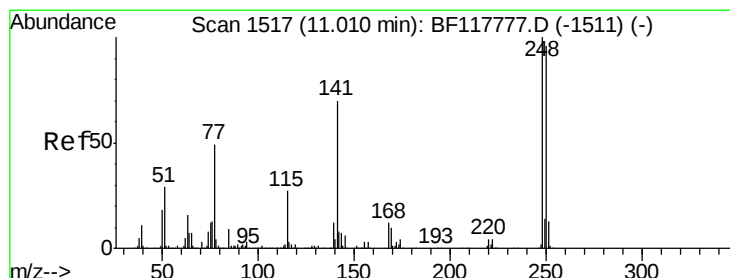
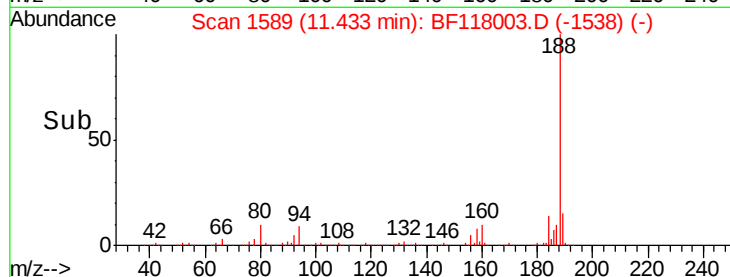
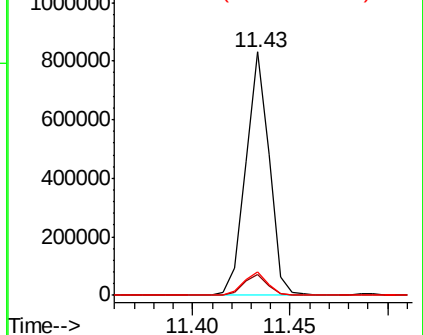
80 9.8 7.2 10.8



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: 4.156 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.24 min

Lab File: BF118003.D

Acq: 26 Nov 2019 13:28

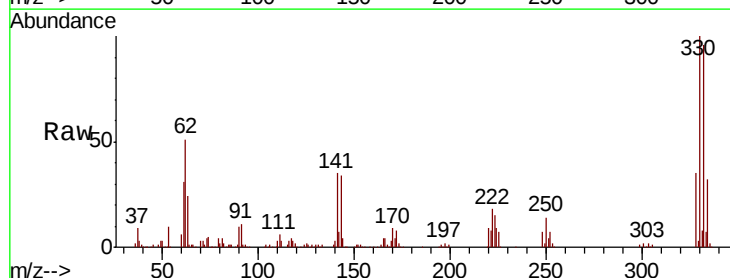
Tgt Ion:248 Resp: 31014

Ion Ratio Lower Upper

248 100

250 207.5 76.6 115.0#

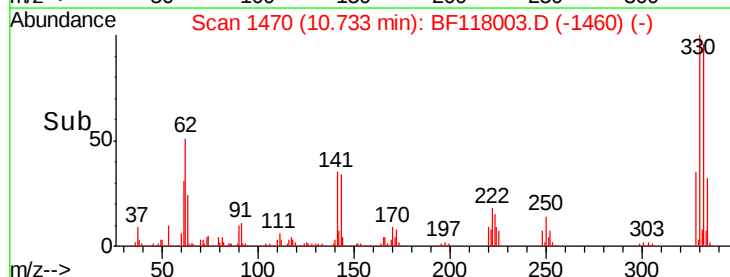
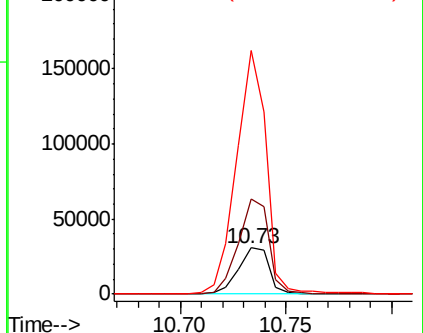
141 528.0 55.9 83.9#

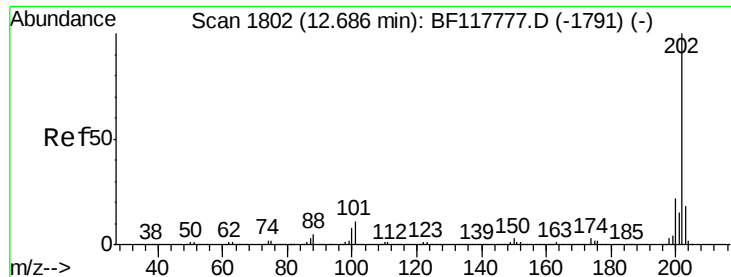


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

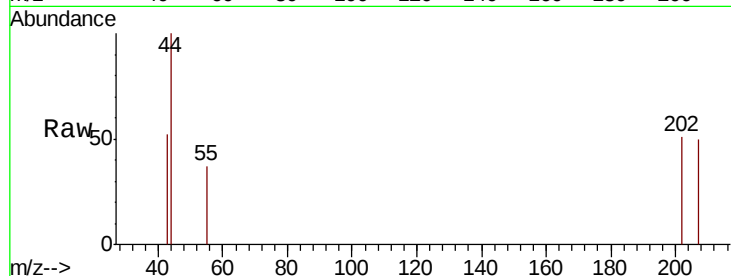




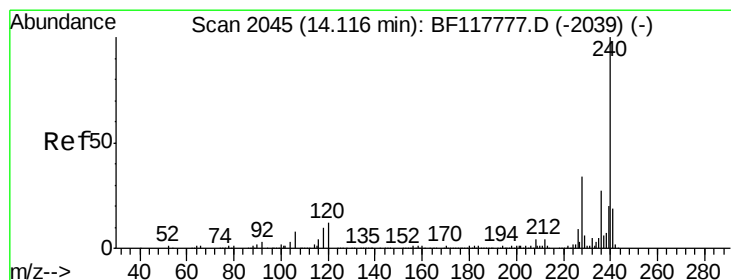
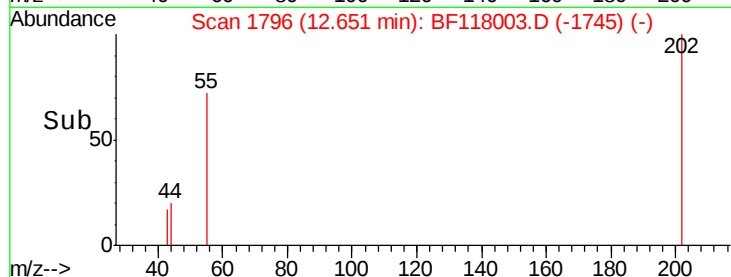
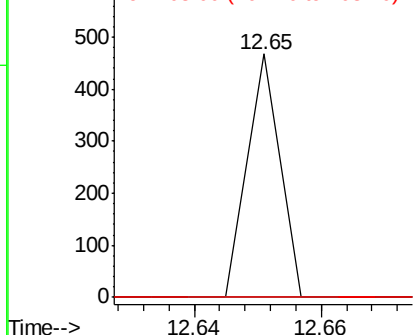
#75
Fluoranthene
Concen: Below Cal
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF118003.D
Acq: 26 Nov 2019 13:28

Instrument :
BNA_F
ClientSampleId :

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

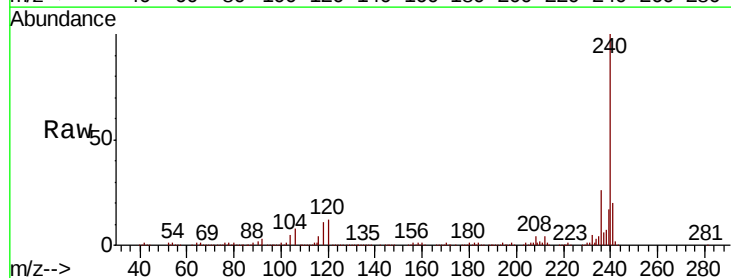


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

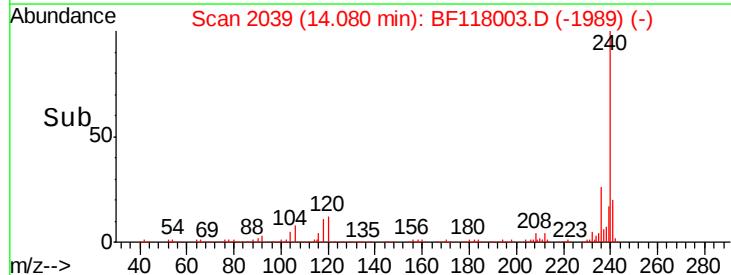
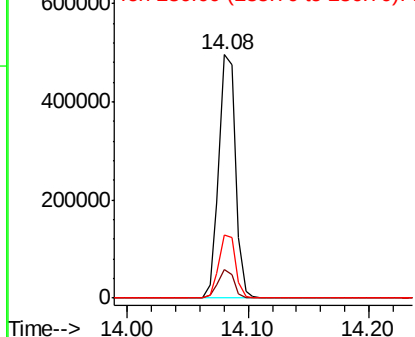


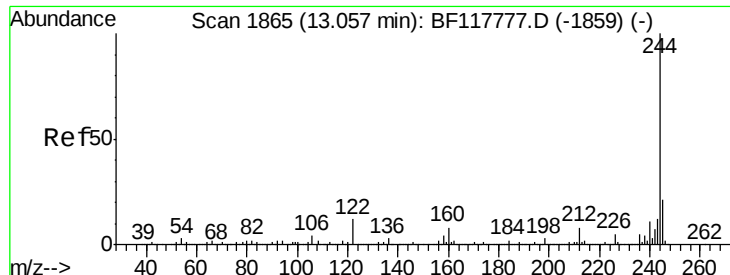
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF118003.D
Acq: 26 Nov 2019 13:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.2	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: 79.886 ng

RT: 13.03 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BF118003.D

Acq: 26 Nov 2019 13:28

Instrument :

BNA_F

ClientSampled :

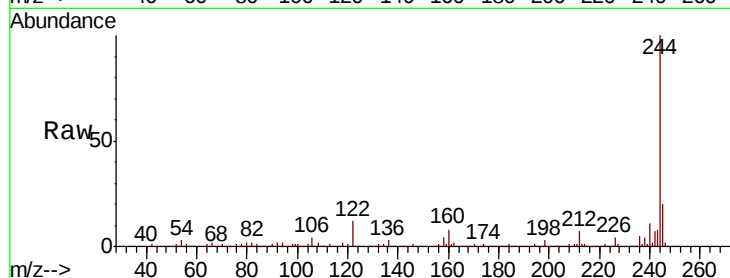
Tot Ion:244 Resp: 2066460

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

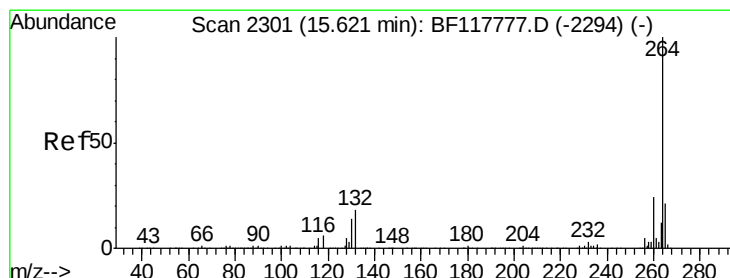
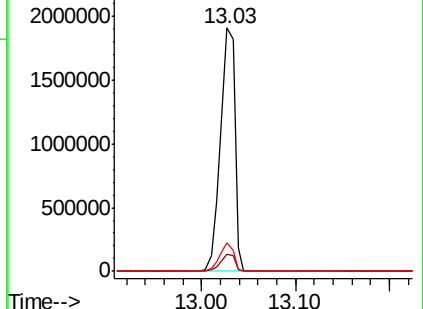
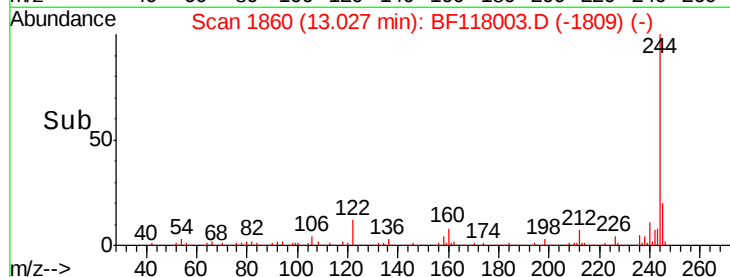
122 11.6 9.4 14.2



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: 15.59 min Scan# 2295

Delta R.T. 0.01 min

Lab File: BF118003.D

Acq: 26 Nov 2019 13:28

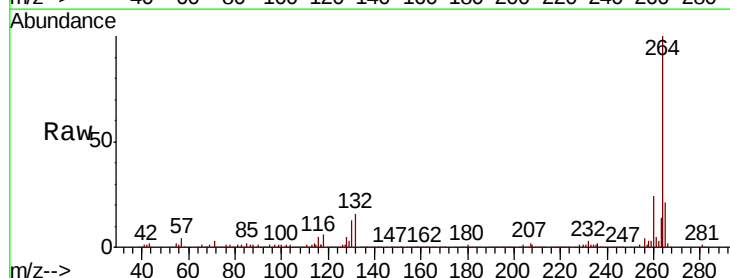
Tgt Ion:264 Resp: 415833

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 20.8 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

