

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118027.D
 Acq On : 27 Nov 2019 4:33
 Operator : JU
 Sample : K6014-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 07:50:18 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

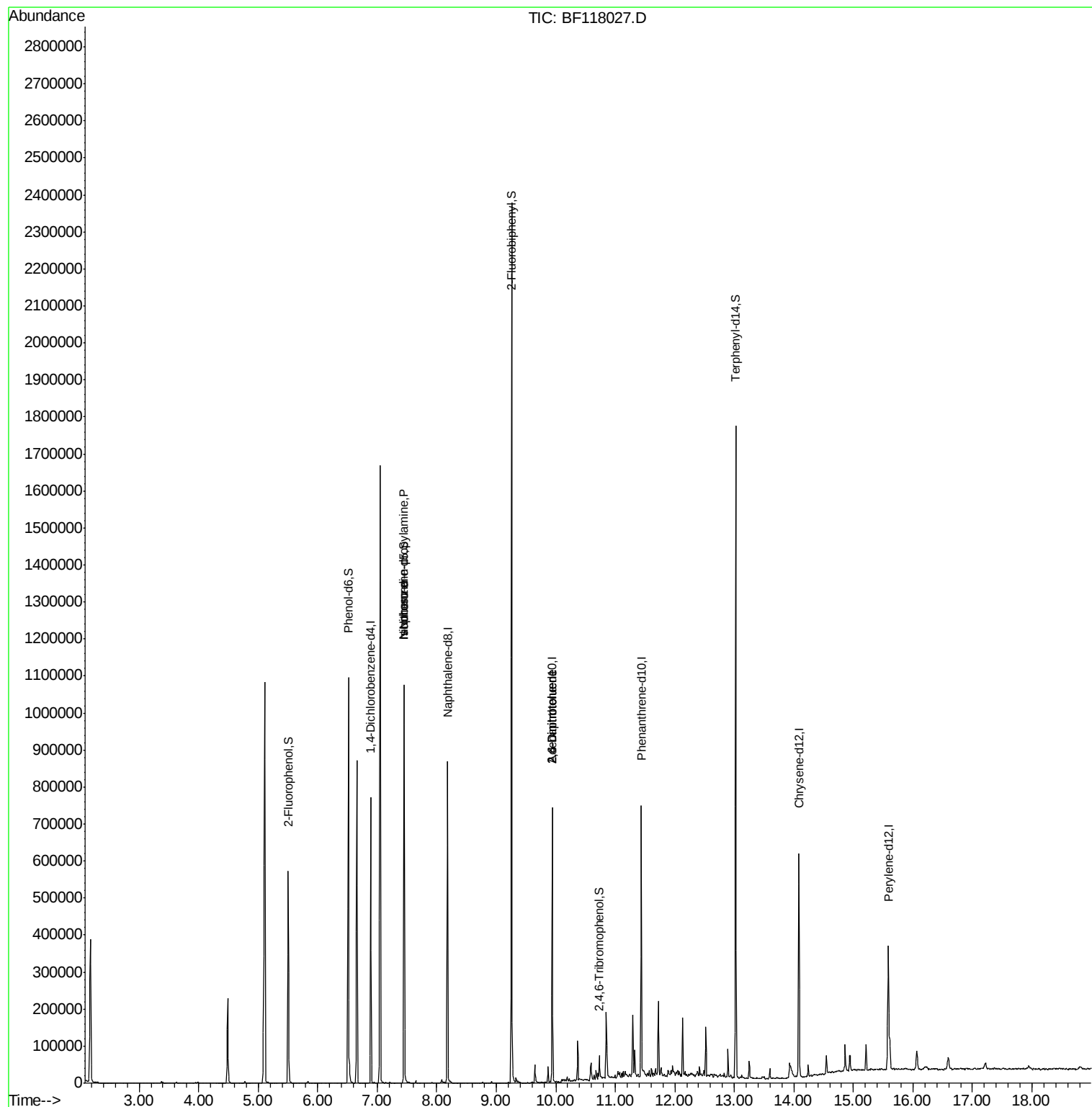
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	105193	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	384846	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	161777	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	250549	20.00	ng	0.00
76) Chrysene-d12	14.09	240	198534	20.00	ng	0.00
87) Perylene-d12	15.59	264	158888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	149343	25.13	ng	0.00
7) Phenol-d6	6.52	99	395350	55.16	ng	0.00
23) Nitrobenzene-d5	7.45	82	355977	54.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	8480	4.95	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	676202	74.99	ng	0.00
79) Terphenyl-d14	13.02	244	611702	56.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	434	Below Cal	Qvalue # 1	
19) n-Nitroso-di-n-propylamine	7.45	70	48160	10.891 ng	# 73	
25) Isophorone	7.45	82	355974	30.000 ng	# 62	
51) 2,6-Dinitrotoluene	9.94	165	20952	8.451 ng	# 22	
57) 2,4-Dinitrotoluene	9.94	165	20952	6.643 ng	# 24	
75) Fluoranthene	12.66	202	911	Below Cal	63	

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

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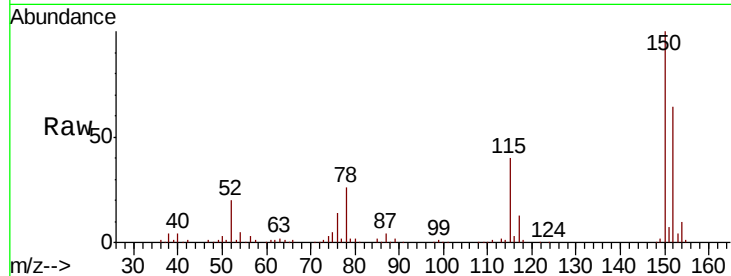


#1

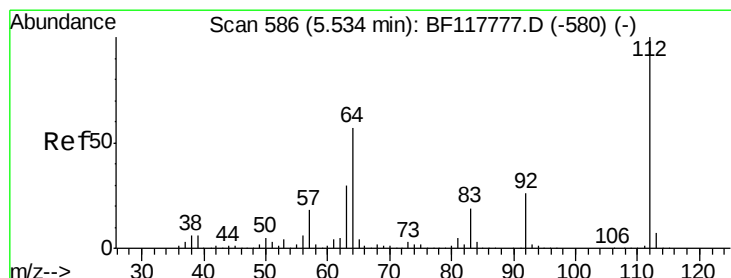
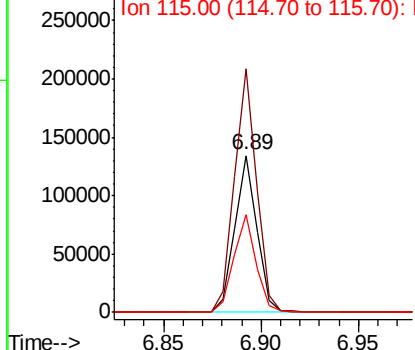
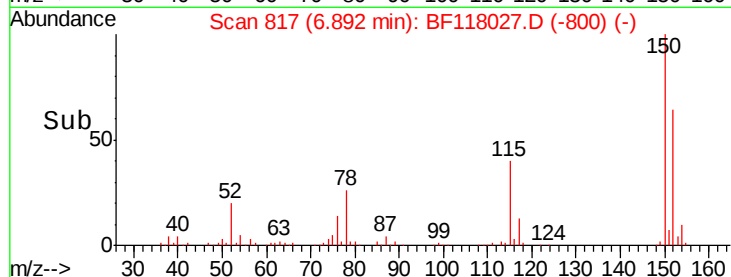
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF118027.D
Acq: 27 Nov 2019 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105193
Ion Ratio Lower Upper
152 100
150 155.2 125.3 187.9
115 62.4 47.0 70.4



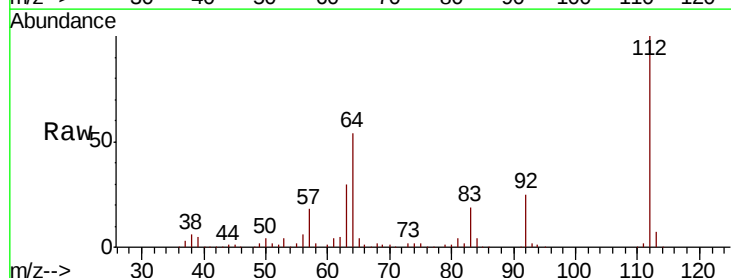
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



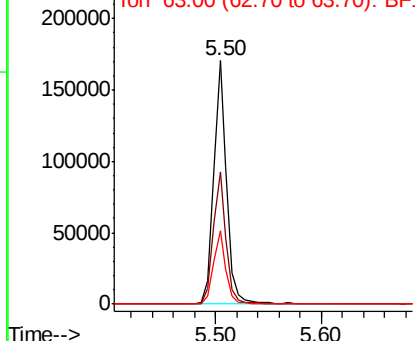
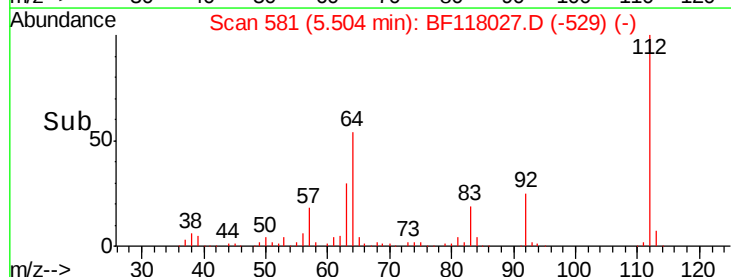
#5

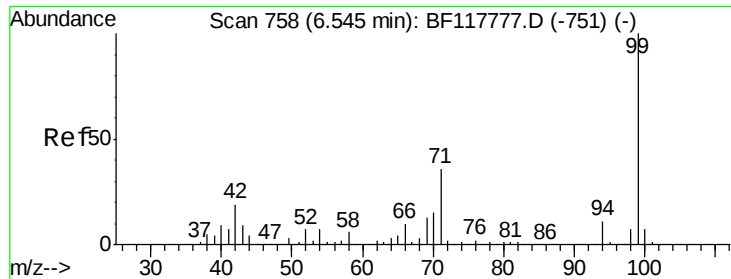
2-Fluorophenol
Concen: 25.130 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118027.D
Acq: 27 Nov 2019 4:33

Tgt Ion:112 Resp: 149343
Ion Ratio Lower Upper
112 100
64 54.3 45.6 68.4
63 29.9 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: 55.155 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118027.D

Acq: 27 Nov 2019 4:33

Instrument :

BNA_F

ClientSampleId :

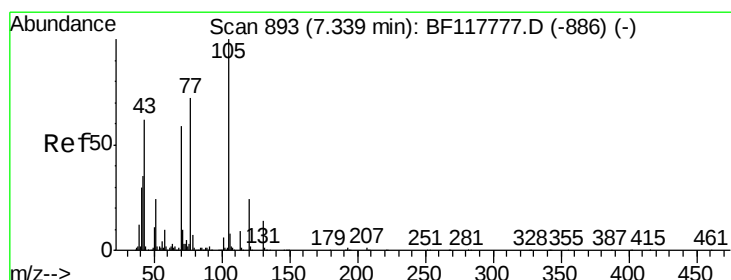
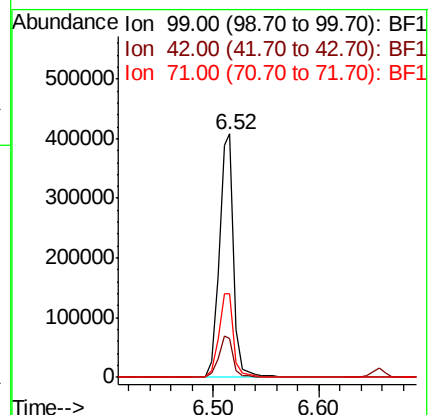
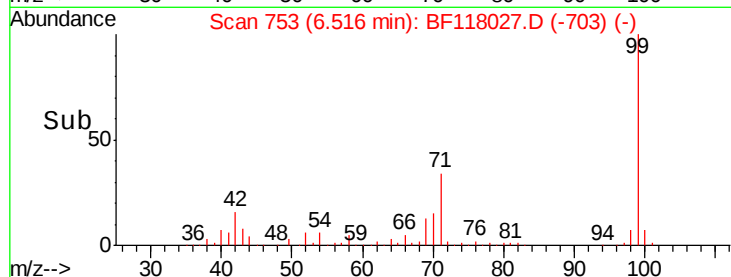
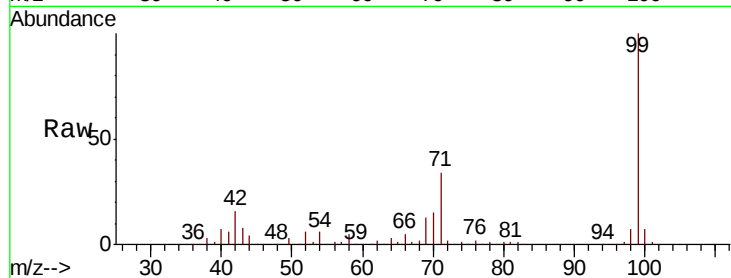
Tot Ion: 99 Resp: 395350

Ion Ratio Lower Upper

99 100

42 15.9 14.9 22.3

71 34.3 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.891 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF118027.D

Acq: 27 Nov 2019 4:33

Tgt Ion: 70 Resp: 48160

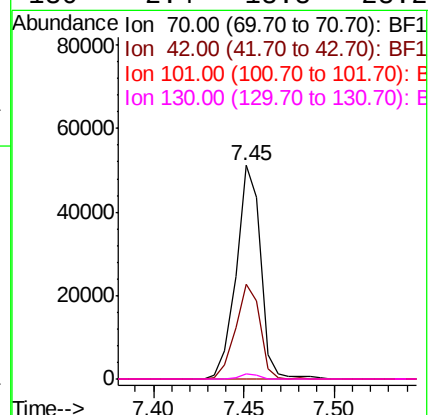
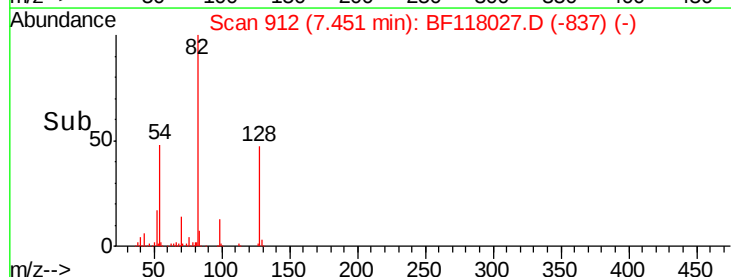
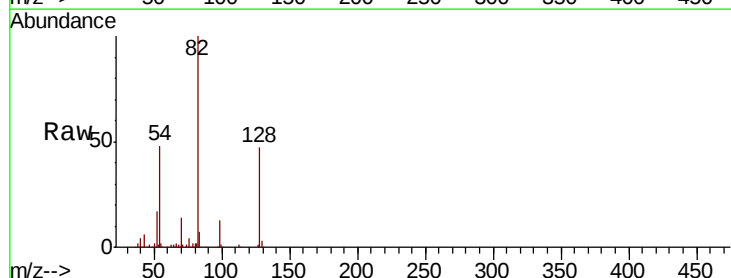
Ion Ratio Lower Upper

70 100

42 44.5 47.4 71.2#

101 0.0 8.4 12.6#

130 2.4 18.8 28.2#

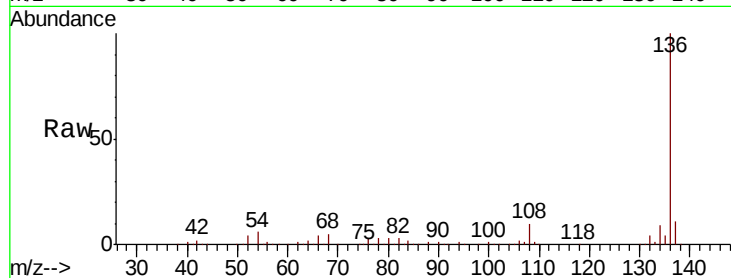




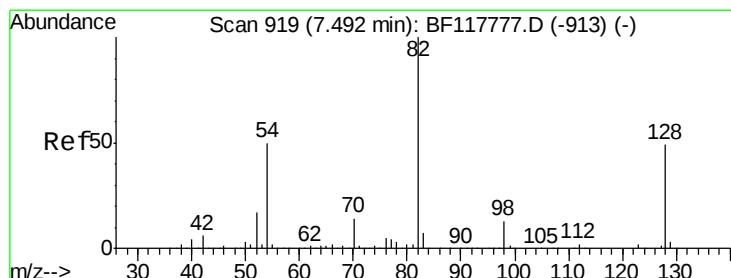
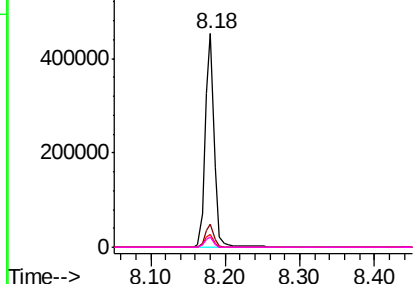
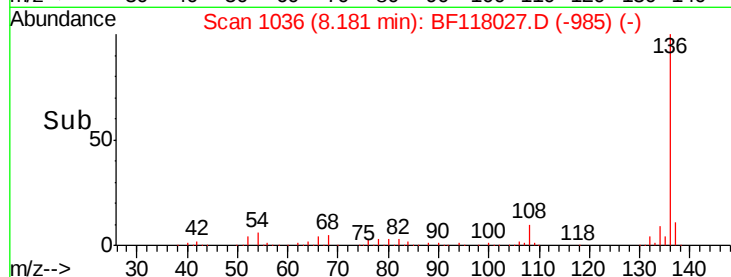
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF118027.D
Acq: 27 Nov 2019 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	384846
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	5.8	5.4 8.2
68	4.8	4.3 6.5

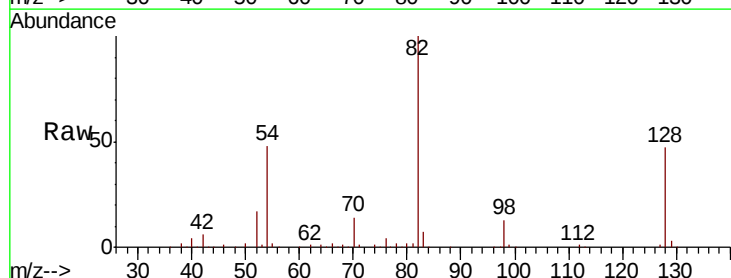


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

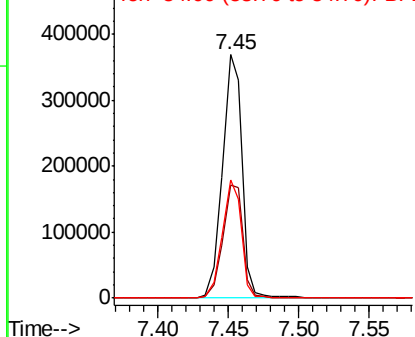
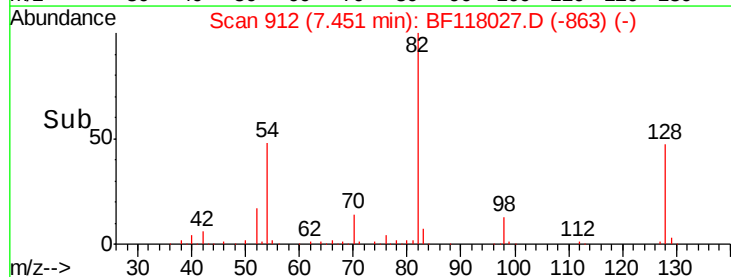


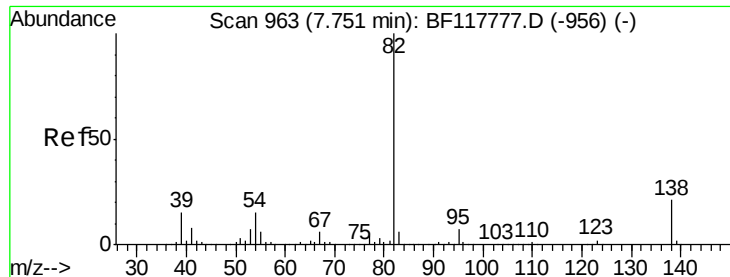
#23
Nitrobenzene-d5
Concen: 54.987 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF118027.D
Acq: 27 Nov 2019 4:33

Tgt Ion: 82	Resp:	355977
Ion Ratio	Lower	Upper
82	100	
128	46.6	38.9 58.3
54	48.3	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: 30.000 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF118027.D

Acq: 27 Nov 2019 4:33

Instrument :

BNA_F

ClientSampleId :

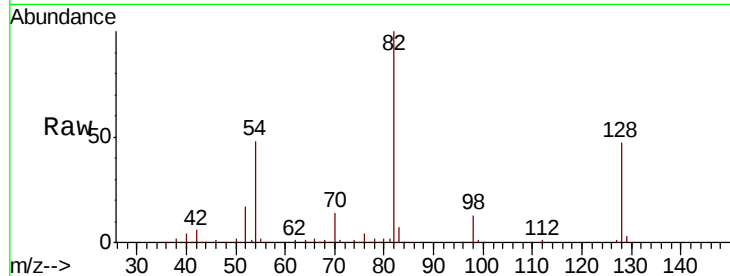
Tot Ion: 82 Resp: 355974

Ion Ratio Lower Upper

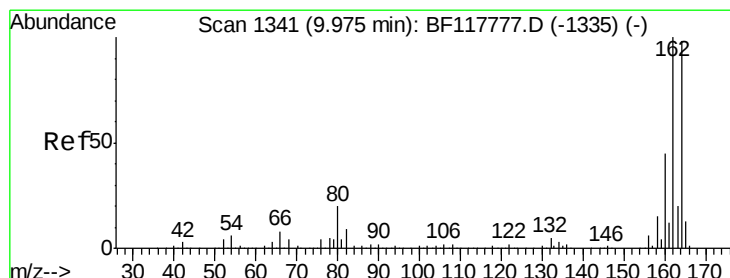
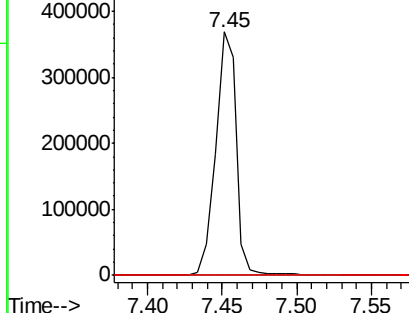
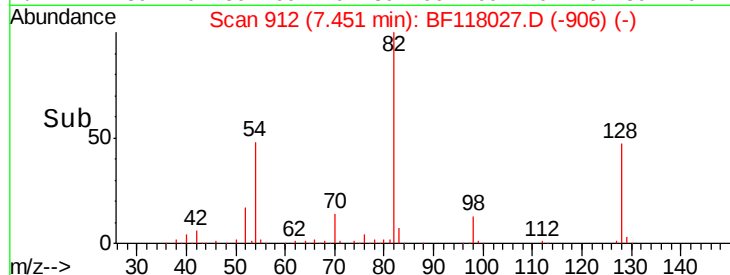
82 100

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. -0.01 min

Lab File: BF118027.D

Acq: 27 Nov 2019 4:33

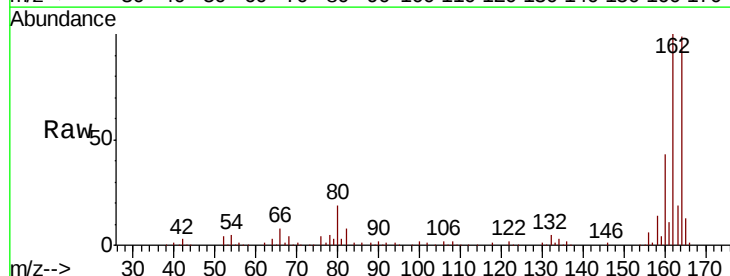
Tgt Ion: 164 Resp: 161777

Ion Ratio Lower Upper

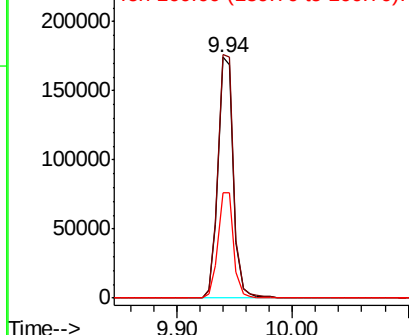
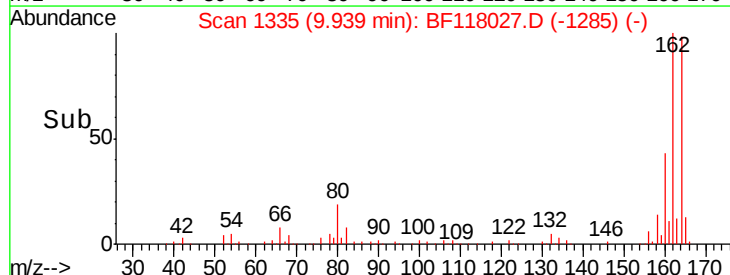
164 100

162 101.2 81.3 121.9

160 43.9 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

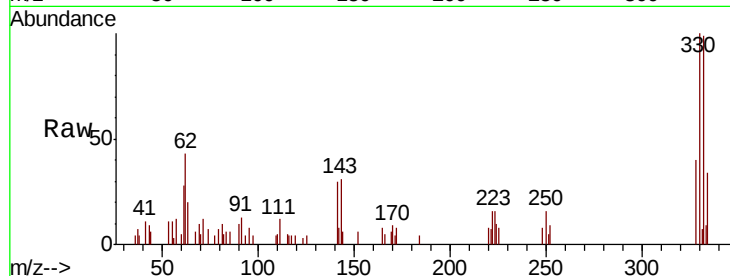




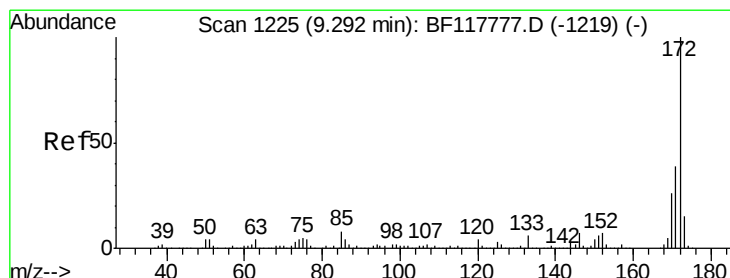
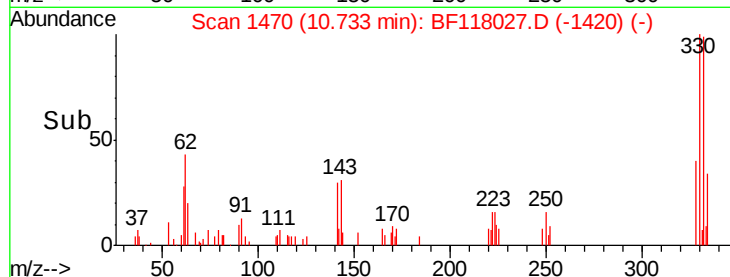
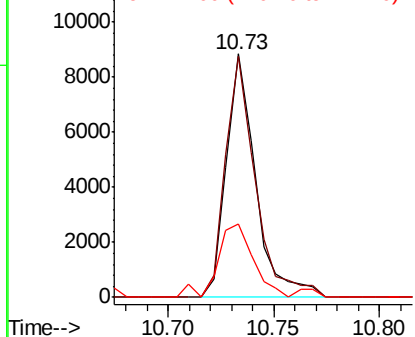
#42
 2,4,6-Tribromophenol
 Concen: 4.951 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.01 min
 Lab File: BF118027.D
 Acq: 27 Nov 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 8480
 Ion Ratio Lower Upper
 330 100
 332 101.4 76.7 115.1
 141 36.7 27.7 41.5

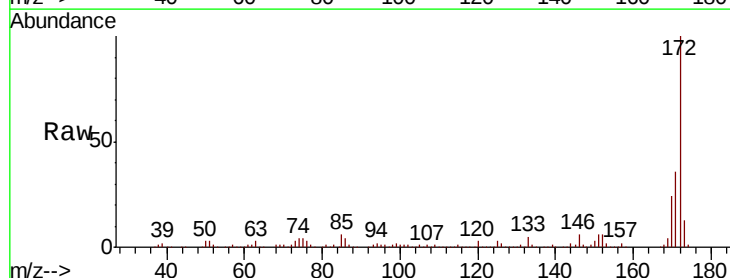


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

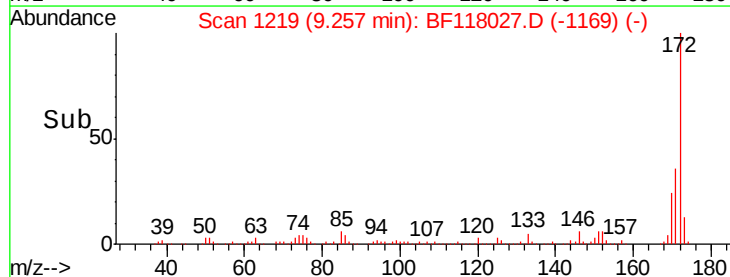
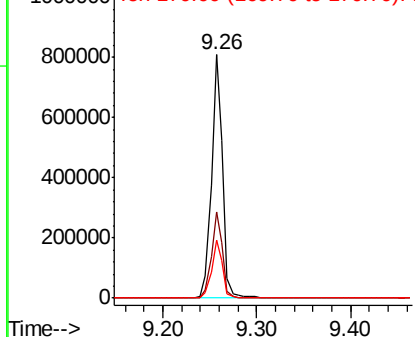


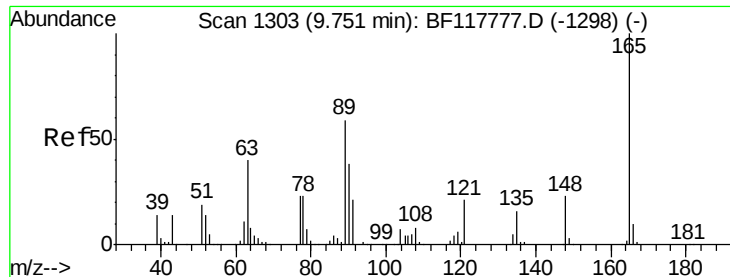
#45
 2-Fluorobiphenyl
 Concen: 74.988 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF118027.D
 Acq: 27 Nov 2019 4:33

Tgt Ion:172 Resp: 676202
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.9 46.3
 170 23.7 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

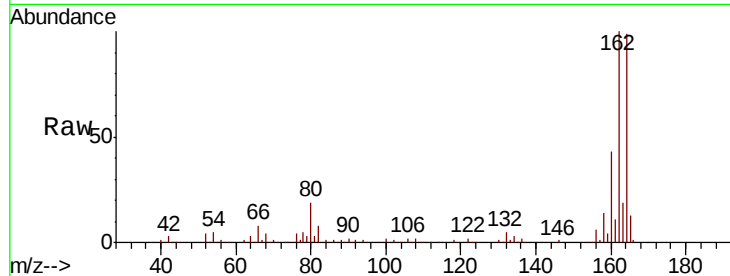




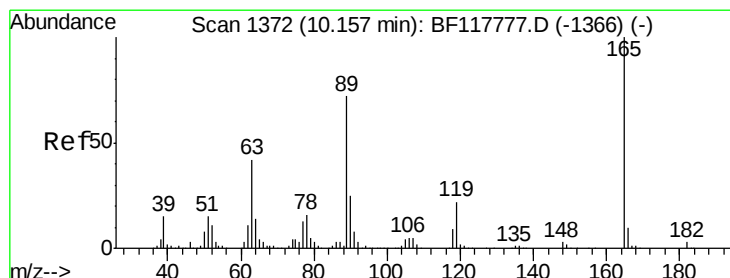
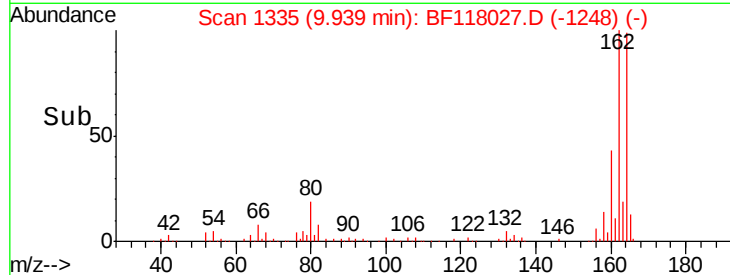
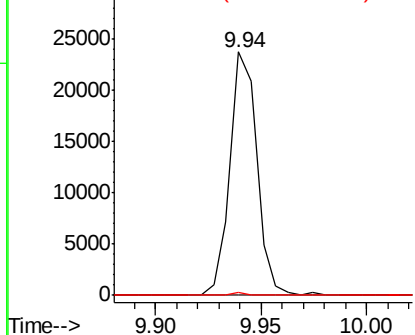
#51
 2,6-Dinitrotoluene
 Concen: 8.451 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.21 min
 Lab File: BF118027.D
 Acq: 27 Nov 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	1.4	47.7	71.5#



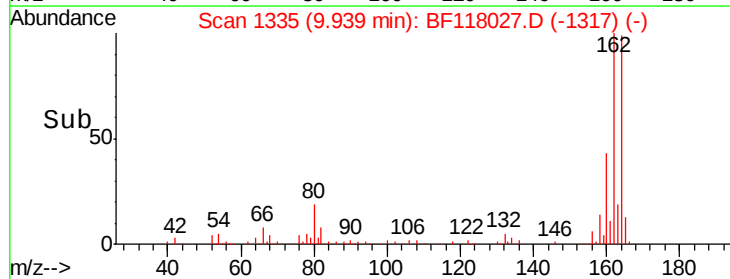
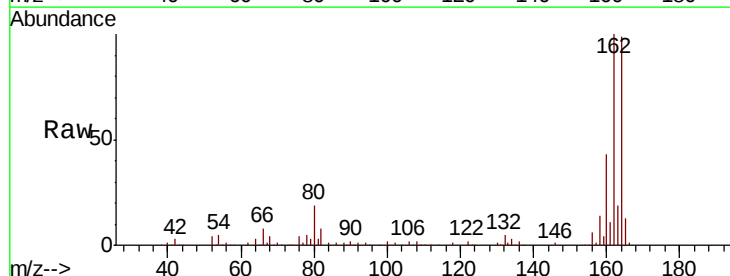
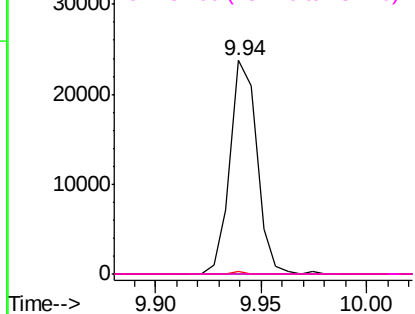
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

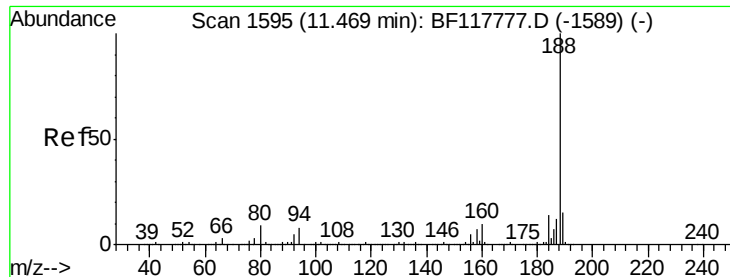


#57
 2,4-Dinitrotoluene
 Concen: 6.643 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF118027.D
 Acq: 27 Nov 2019 4:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.7	50.5#
89	1.4	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

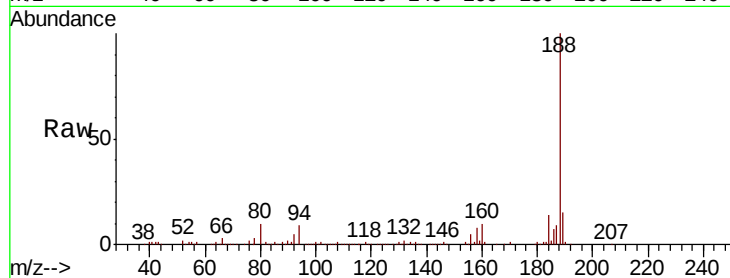




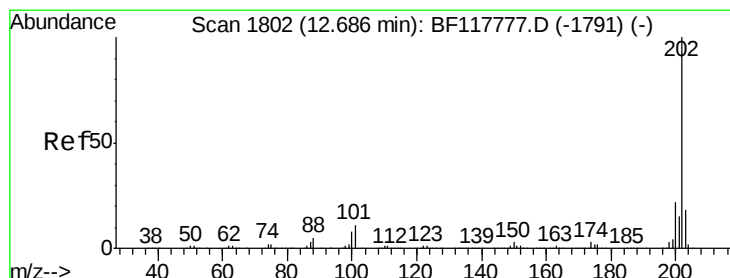
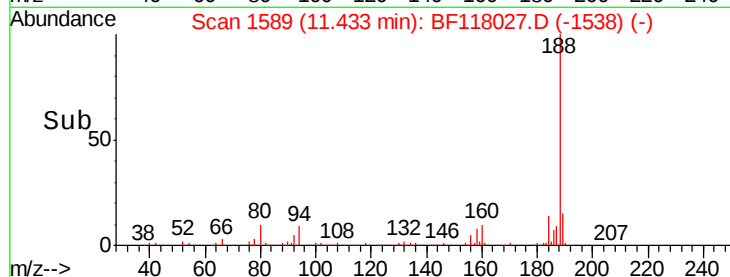
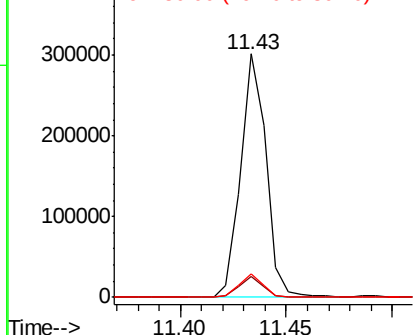
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF118027.D
Acq: 27 Nov 2019 4:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 250549
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.7 7.2 10.8

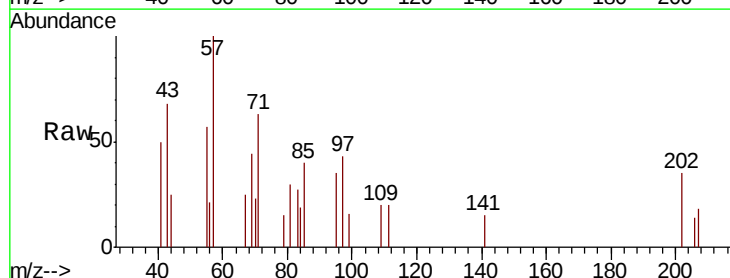


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

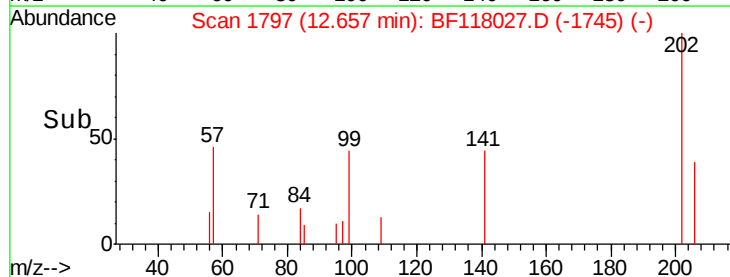
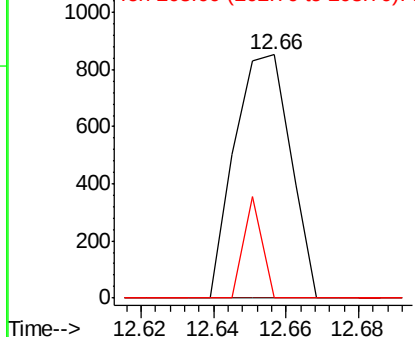


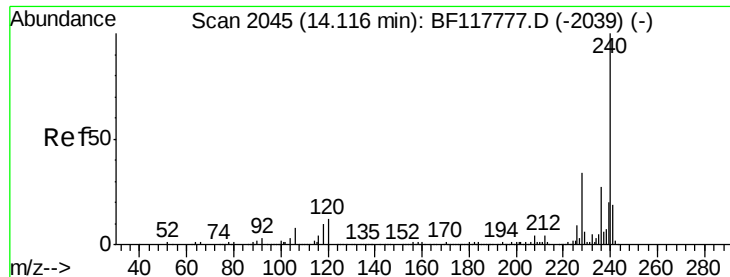
#75
Fluoranthene
Concen: Below Cal
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF118027.D
Acq: 27 Nov 2019 4:33

Tgt Ion:202 Resp: 911
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: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF118027.D

Acq: 27 Nov 2019 4:33

Instrument :

BNA_F

ClientSampleId :

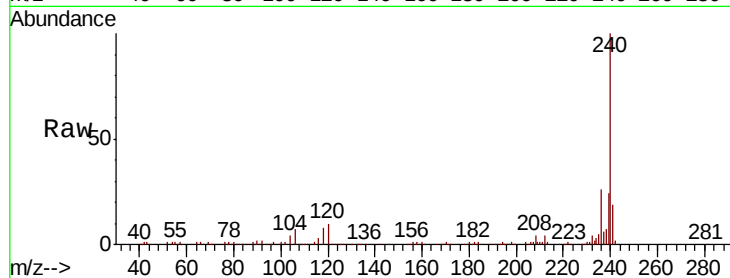
Tot Ion:240 Resp: 198534

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

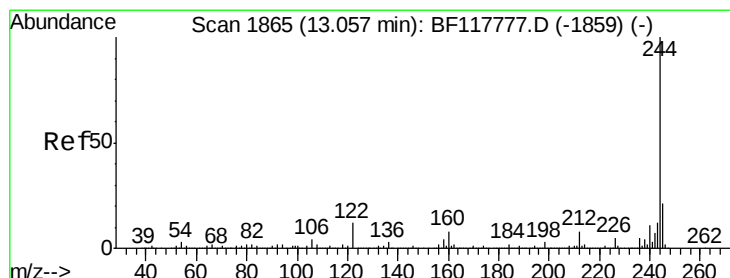
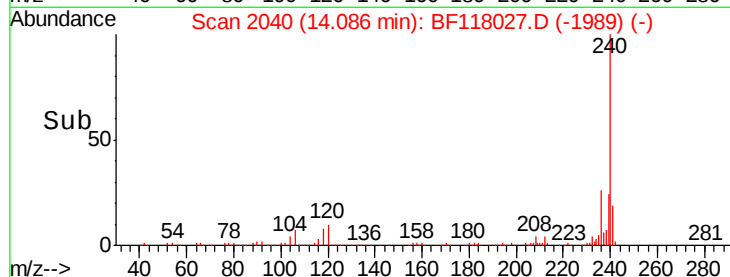
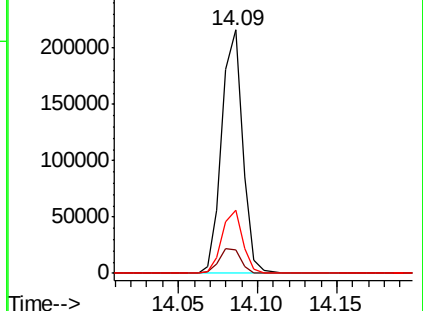
236 26.0 21.3 31.9



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: 56.310 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF118027.D

Acq: 27 Nov 2019 4:33

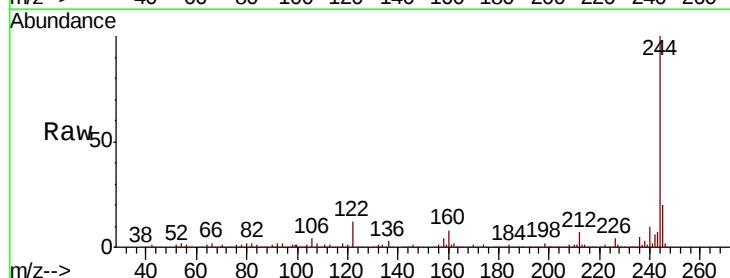
Tgt Ion:244 Resp: 611702

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

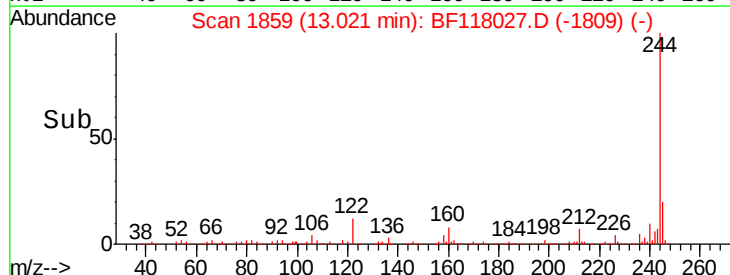
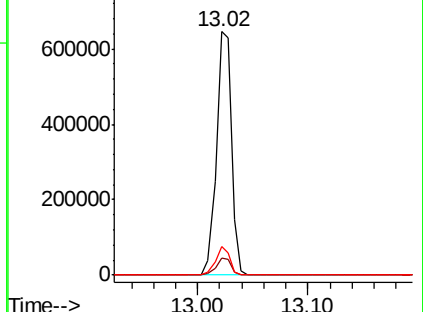
122 11.7 9.4 14.2

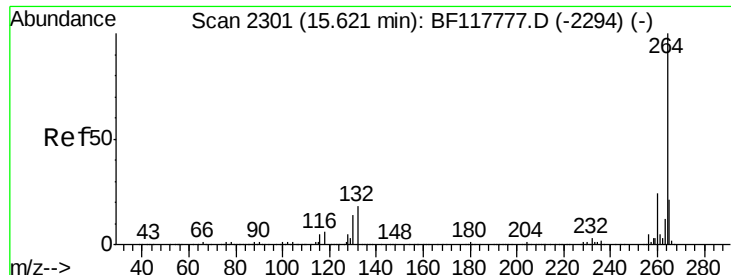


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

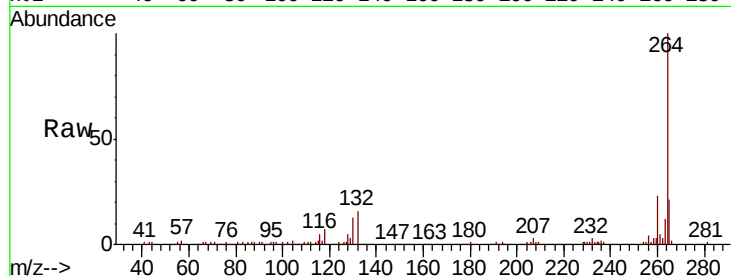




#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 15.59 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BF118027.D
 Acq: 27 Nov 2019 4:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	20.5	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

