

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118023.D
 Acq On : 27 Nov 2019 2:40
 Operator : JU
 Sample : K6019-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 07:49:44 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

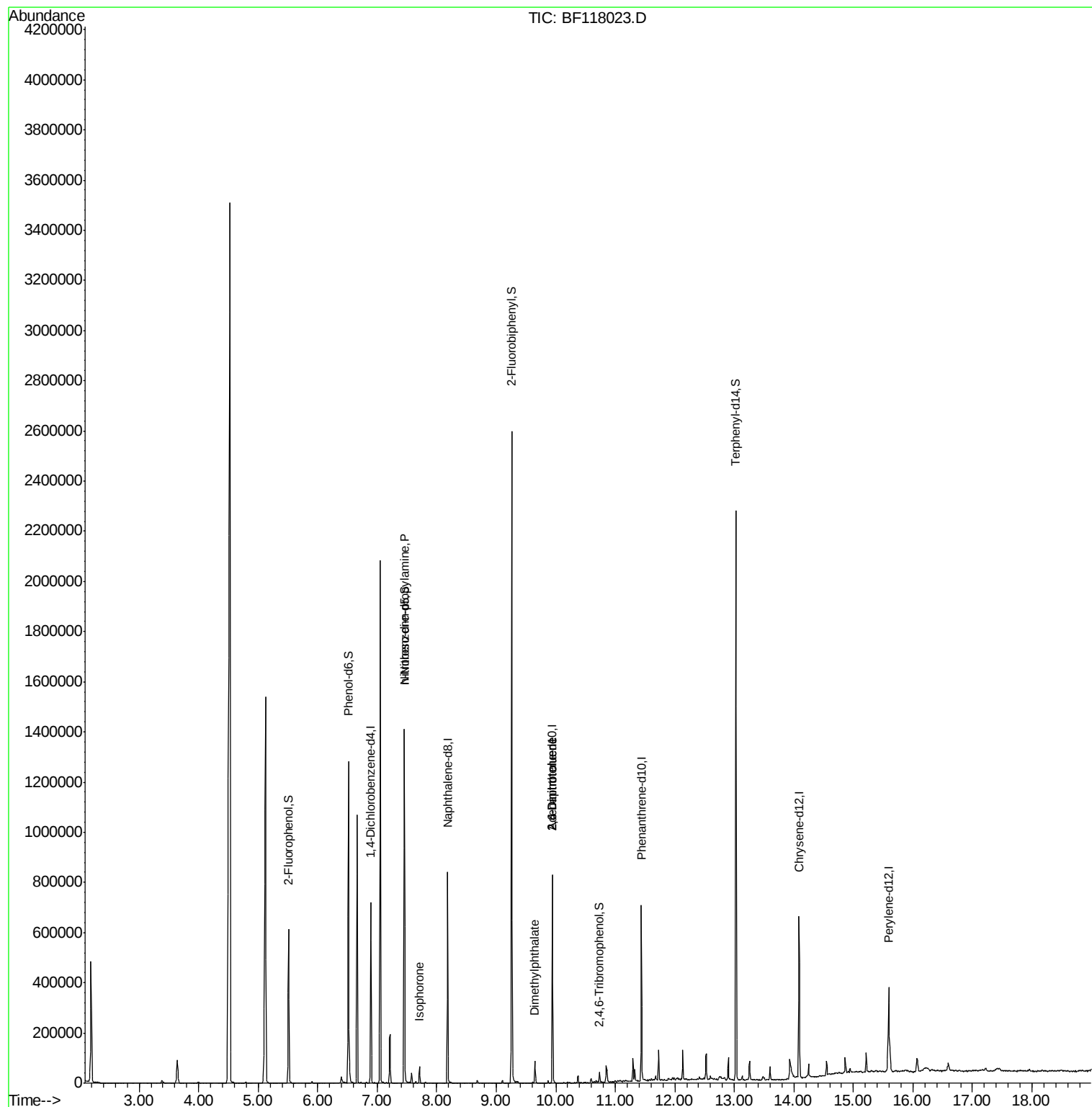
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	102398	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	374233	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	159775	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	246330	20.00	ng	0.00
76) Chrysene-d12	14.09	240	193539	20.00	ng	0.00
87) Perylene-d12	15.59	264	155986	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	160299	27.71	ng	0.01
7) Phenol-d6	6.52	99	463454	66.42	ng	0.00
23) Nitrobenzene-d5	7.46	82	423148	67.22	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	6790	4.01	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	792454	88.98	ng	0.00
79) Terphenyl-d14	13.03	244	725219	68.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.66	77	5686	Below Cal		Qvalue 84
19) n-Nitroso-di-n-propylamine	7.46	70	55800	12.963 ng	#	75
25) Isophorone	7.71	82	23135	2.005 ng		97
50) Dimethylphthalate	9.65	163	37370	3.335 ng		99
51) 2,6-Dinitrotoluene	9.95	165	19749	8.065 ng	#	24
57) 2,4-Dinitrotoluene	9.95	165	19749	6.340 ng	#	25
75) Fluoranthene	12.66	202	847	Below Cal		63

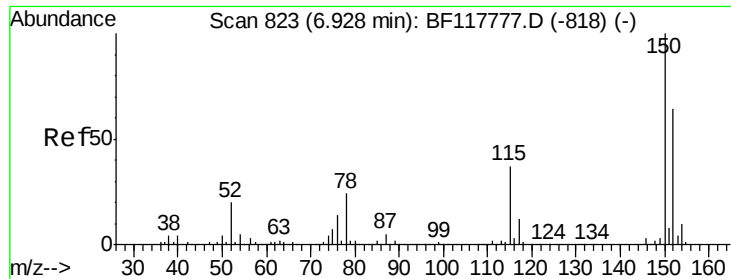
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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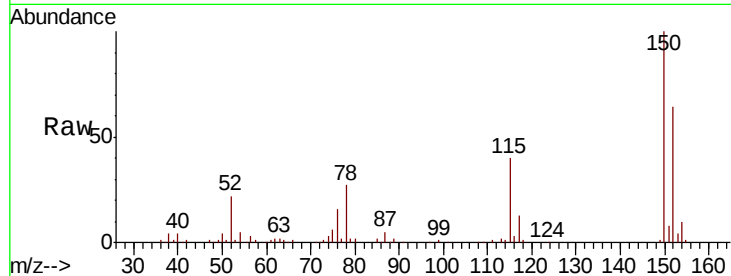


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF118023.D
Acq: 27 Nov 2019 2:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.3	187.9
115	63.3	47.0	70.4

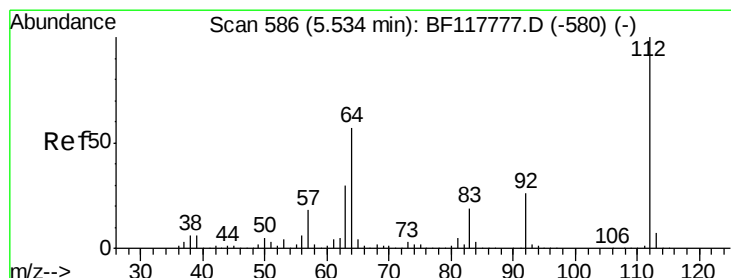
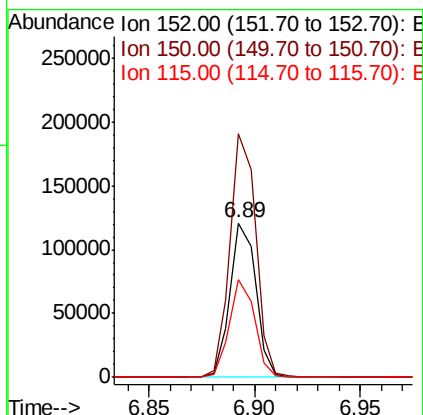
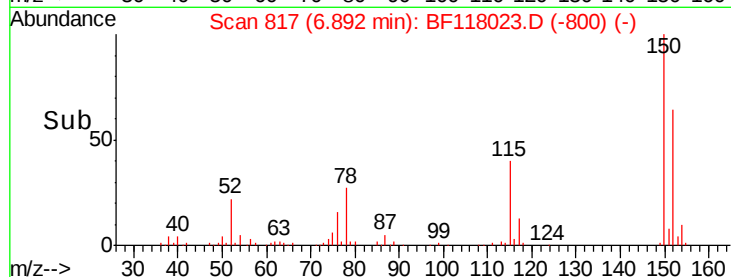


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

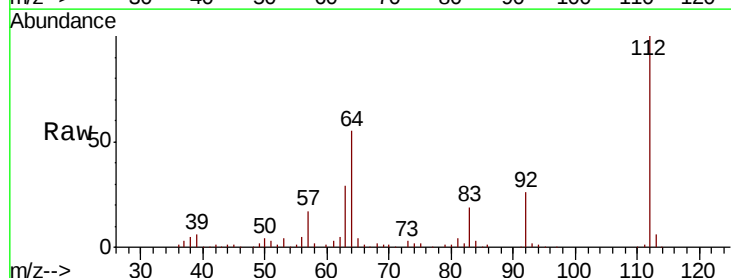
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 27.710 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118023.D
Acq: 27 Nov 2019 2:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	45.6	68.4
63	29.1	24.1	36.1

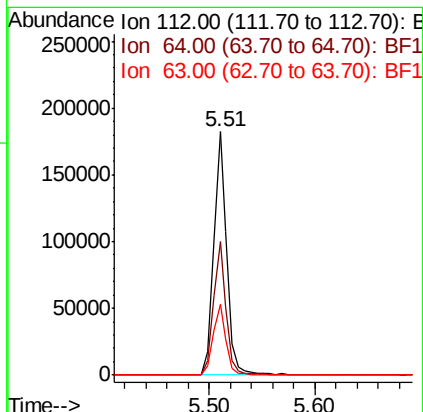
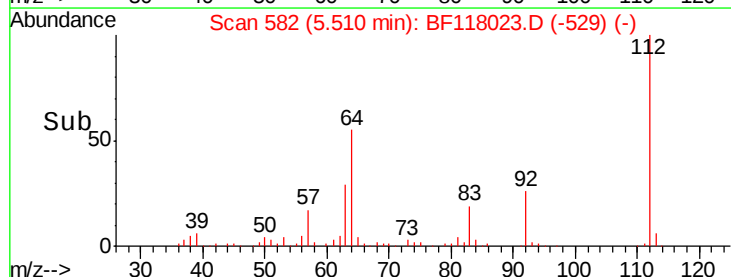


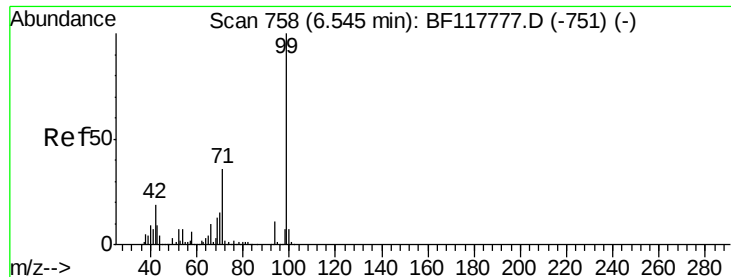
Abundance

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: 66.422 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118023.D

Acq: 27 Nov 2019 2:40

Instrument :

BNA_F

ClientSampleId :

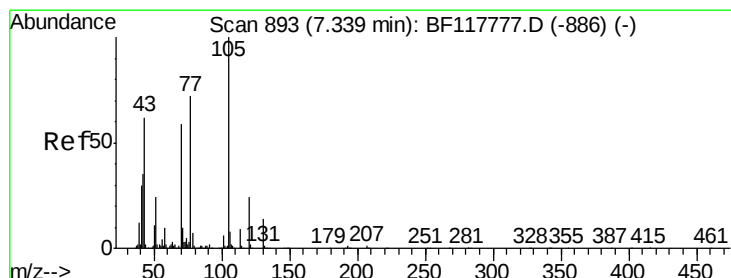
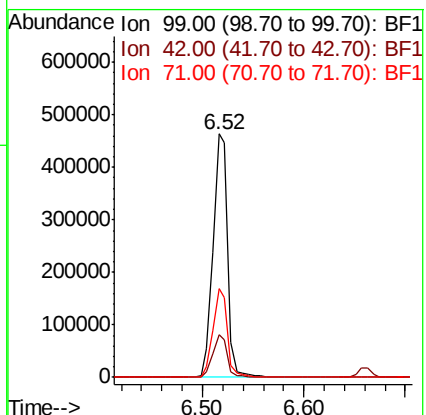
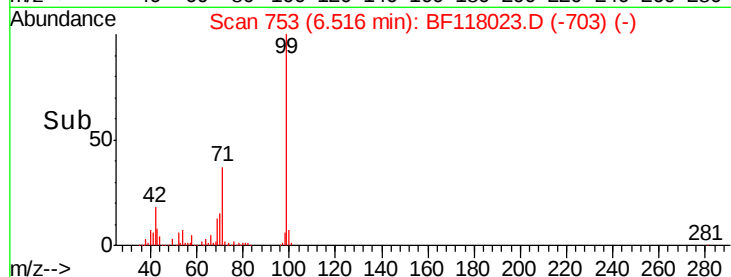
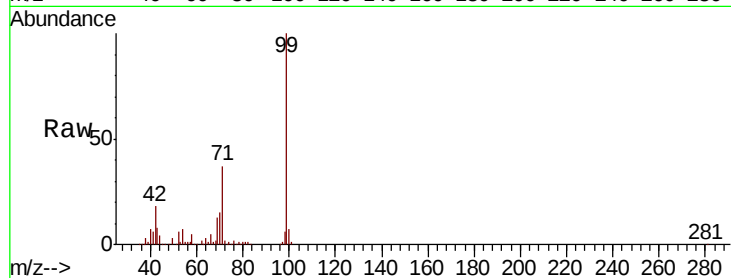
Tot Ion: 99 Resp: 463454

Ion Ratio Lower Upper

99 100

42 17.7 14.9 22.3

71 36.6 28.6 43.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.963 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF118023.D

Acq: 27 Nov 2019 2:40

Tgt Ion: 70 Resp: 55800

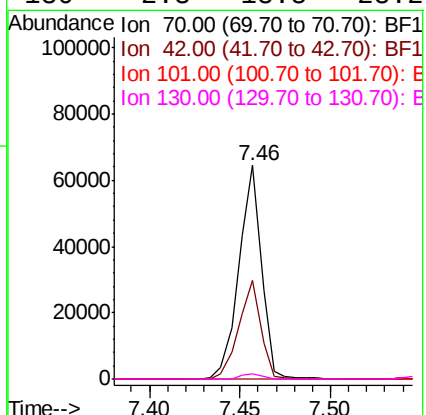
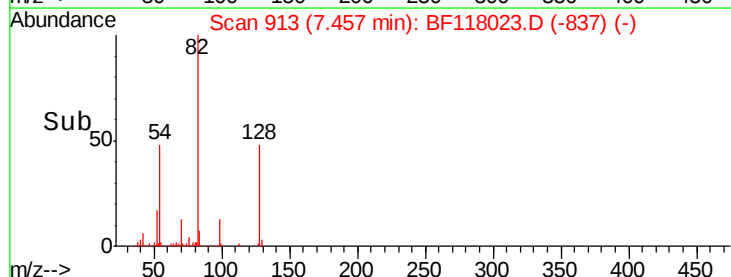
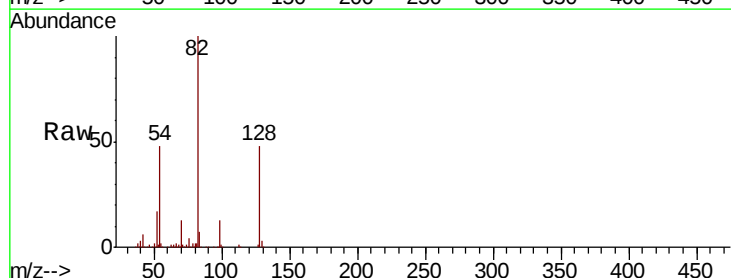
Ion Ratio Lower Upper

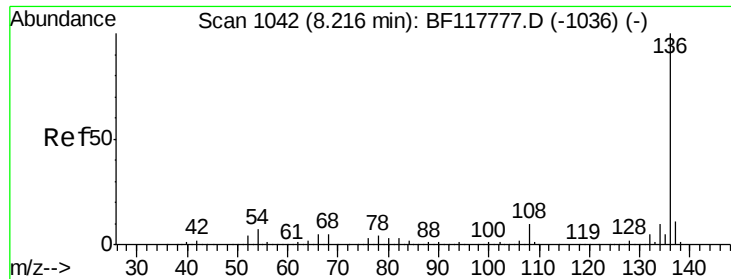
70 100

42 46.2 47.4 71.2#

101 0.0 8.4 12.6#

130 2.3 18.8 28.2#

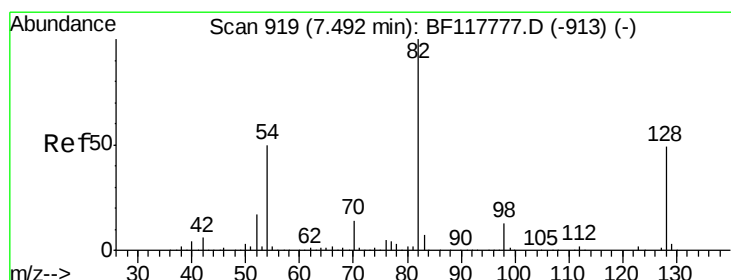
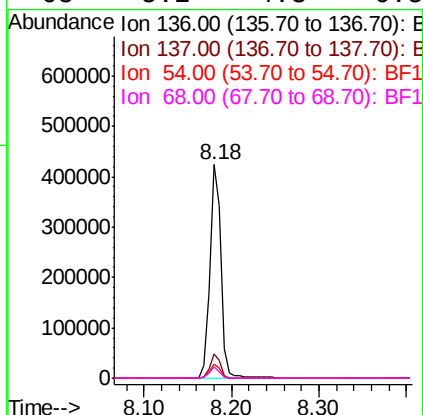
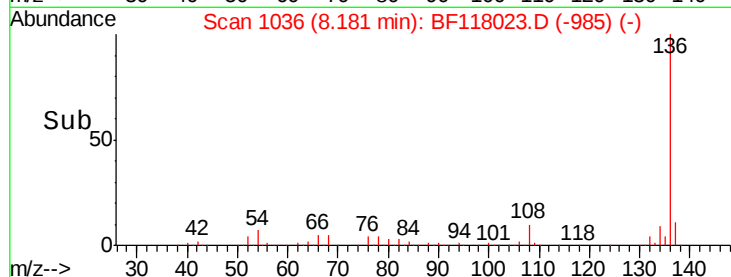
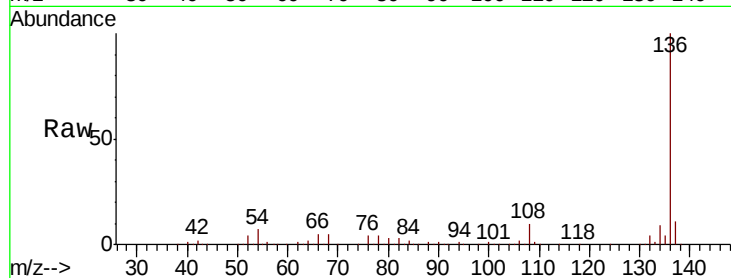




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF118023.D
Acq: 27 Nov 2019 2:40

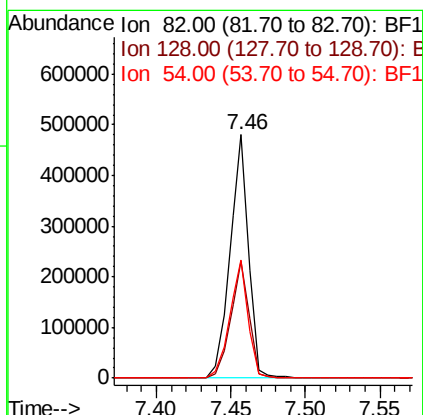
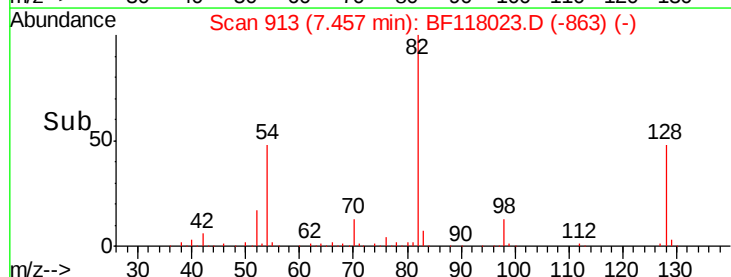
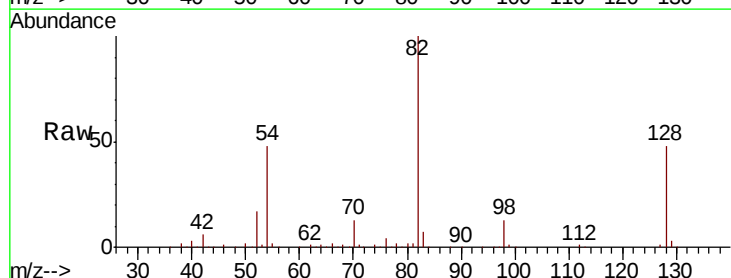
Instrument :
BNA_F
ClientSampleId :

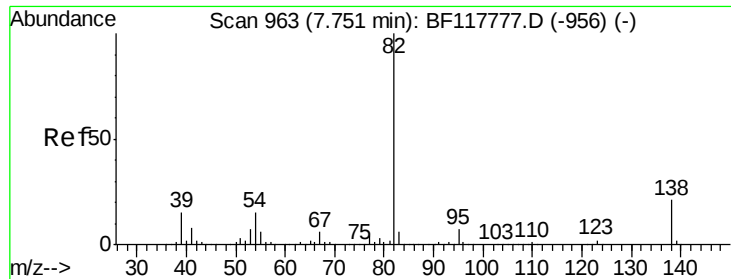
Tot Ion:136	Resp:	374233
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.4
54	6.6	5.4 8.2
68	5.2	4.3 6.5



#23
Nitrobenzene-d5
Concen: 67.216 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF118023.D
Acq: 27 Nov 2019 2:40

Tgt Ion: 82	Resp:	423148
Ion Ratio	Lower	Upper
82	100	
128	47.9	38.9 58.3
54	48.3	39.8 59.6

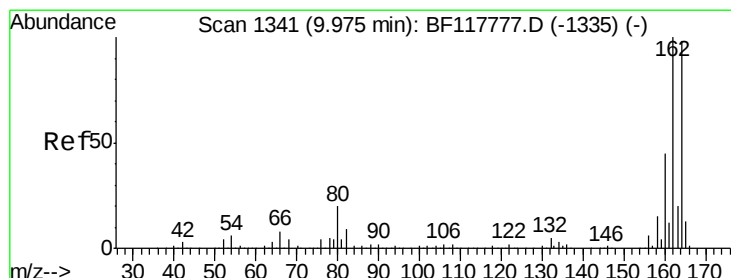
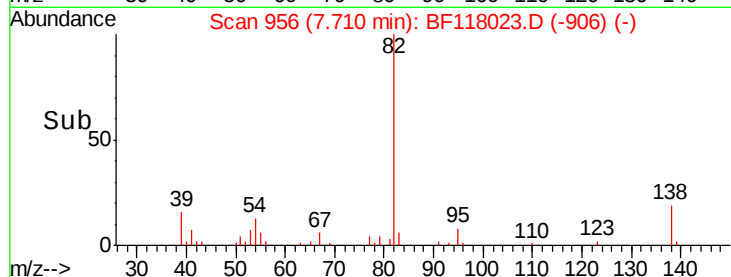
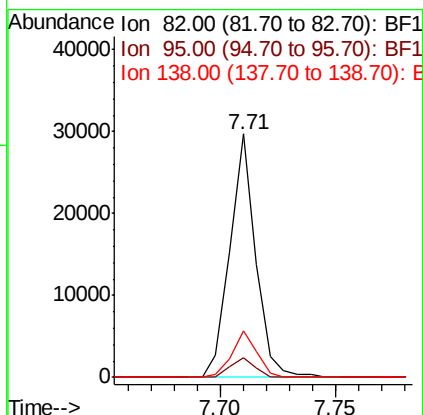
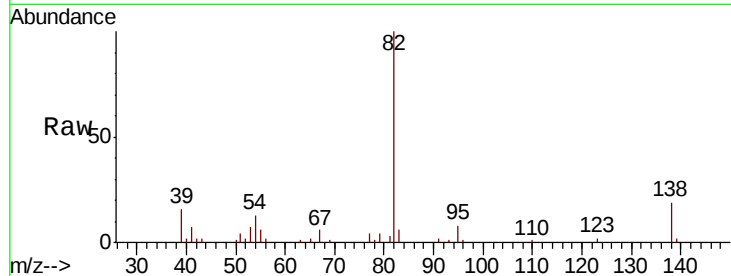




#25
Isophorone
Concen: 2.005 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF118023.D
Acq: 27 Nov 2019 2:40

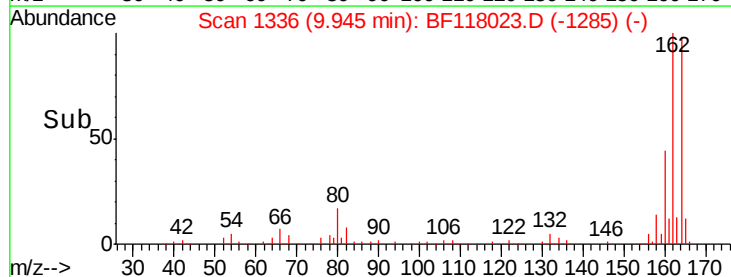
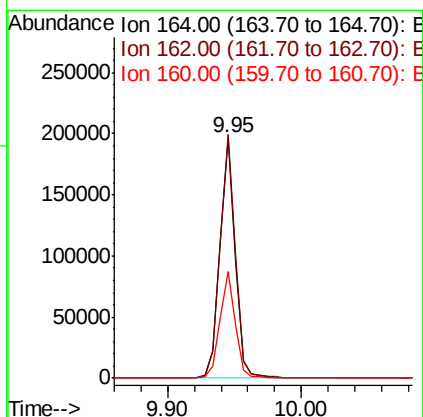
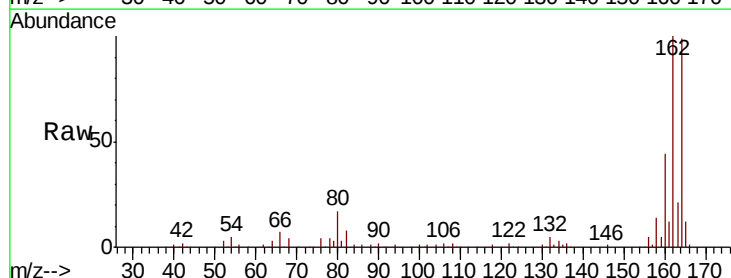
Instrument :
BNA_F
ClientSampleId :

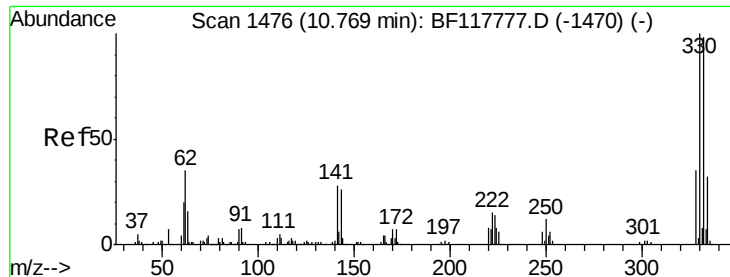
Tot Ion: 82 Resp: 23135
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.8
138 19.1 16.5 24.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF118023.D
Acq: 27 Nov 2019 2:40

Tgt Ion: 164 Resp: 159775
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 44.3 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 4.014 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BF118023.D

Acq: 27 Nov 2019 2:40

Instrument :

BNA_F

ClientSampleId :

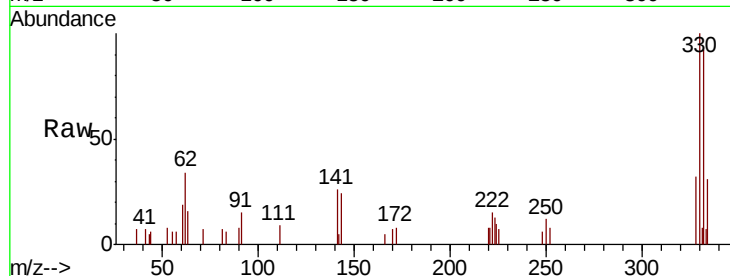
Tot Ion:330 Resp: 6790

Ion Ratio Lower Upper

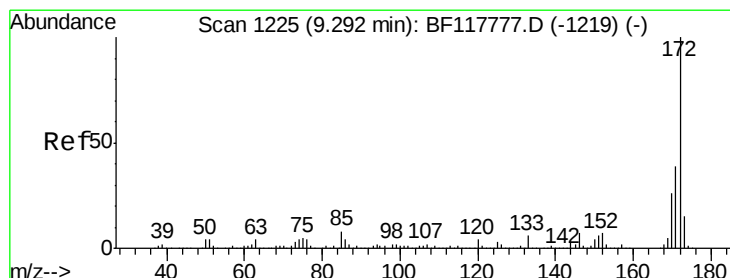
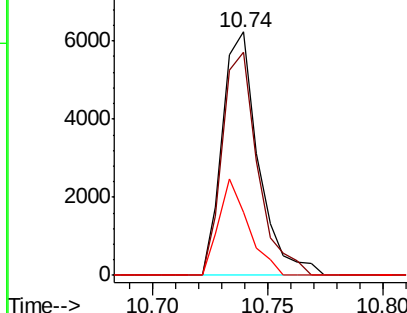
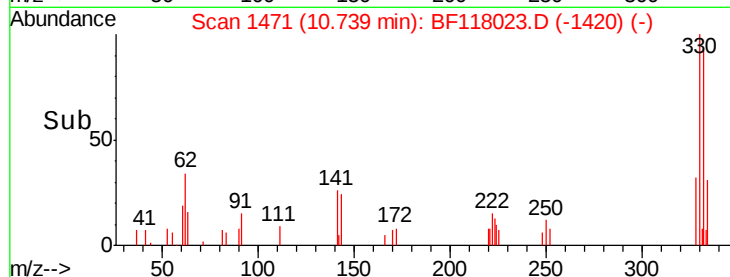
330 100

332 90.0 76.7 115.1

141 32.4 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: 88.981 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF118023.D

Acq: 27 Nov 2019 2:40

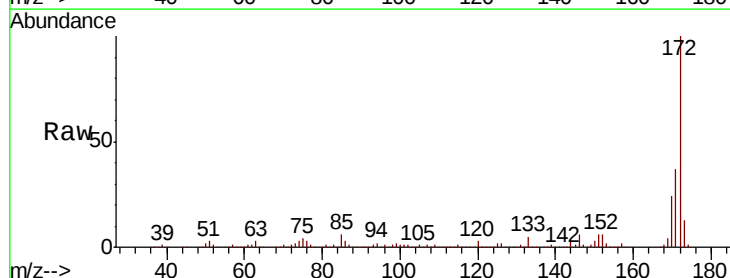
Tgt Ion:172 Resp: 792454

Ion Ratio Lower Upper

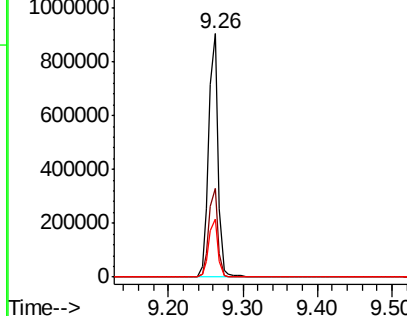
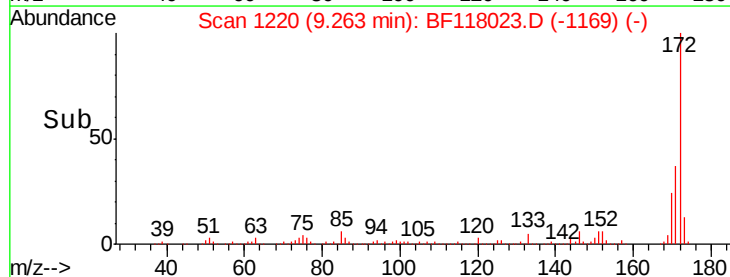
172 100

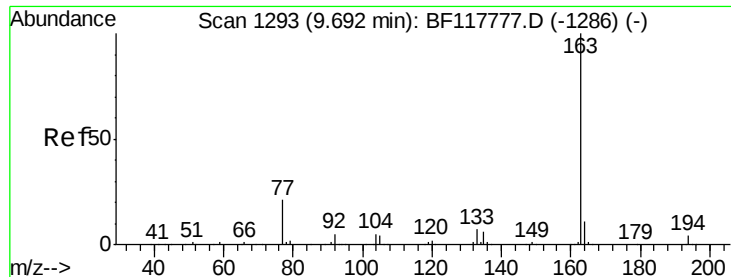
171 36.6 30.9 46.3

170 24.0 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

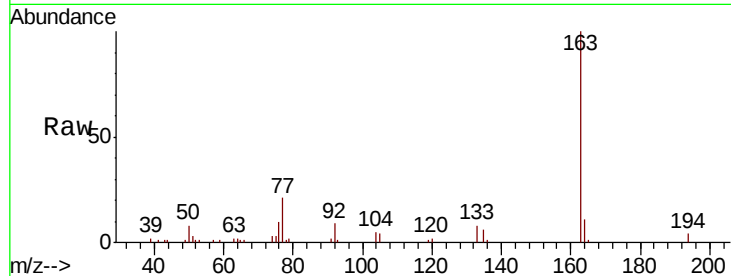




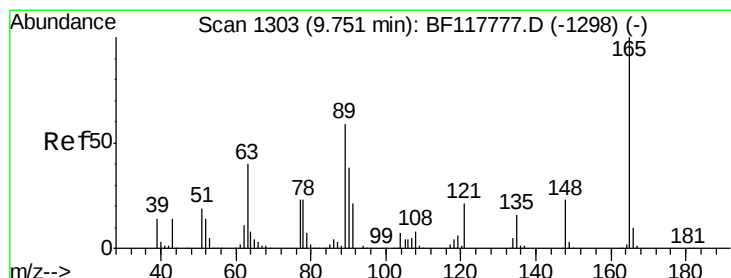
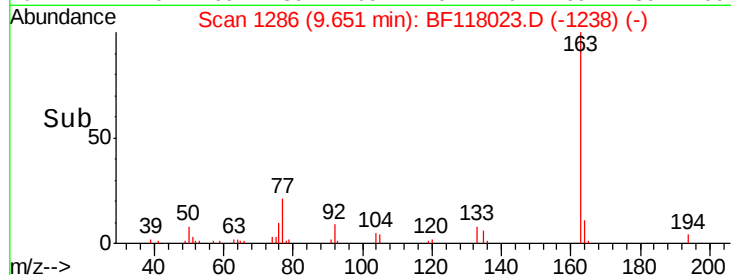
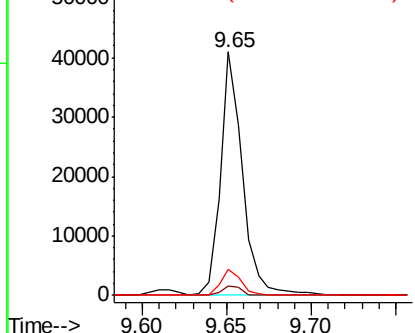
#50
Dimethylphthalate
Concen: 3.335 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118023.D
Acq: 27 Nov 2019 2:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 37370
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.7 13.1

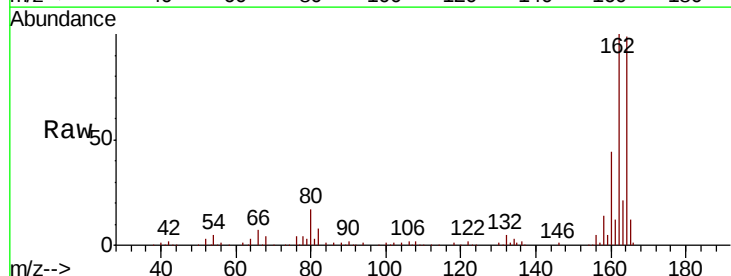


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

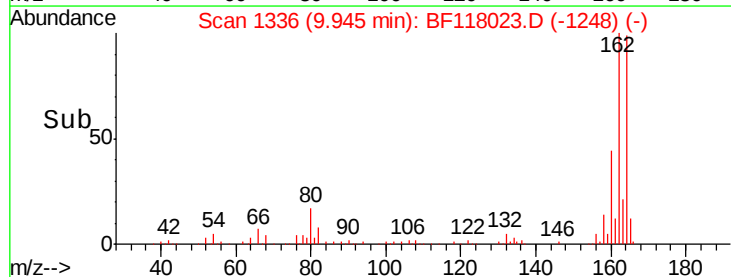
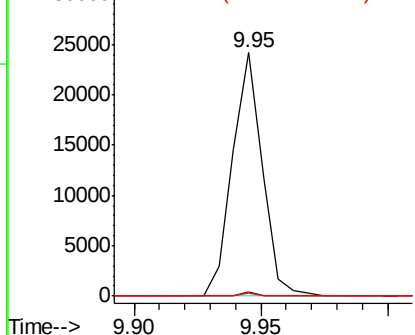


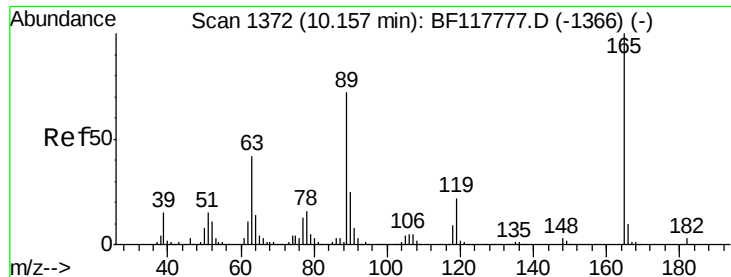
#51
2,6-Dinitrotoluene
Concen: 8.065 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.22 min
Lab File: BF118023.D
Acq: 27 Nov 2019 2:40

Tgt Ion:165 Resp: 19749
Ion Ratio Lower Upper
165 100
63 1.9 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

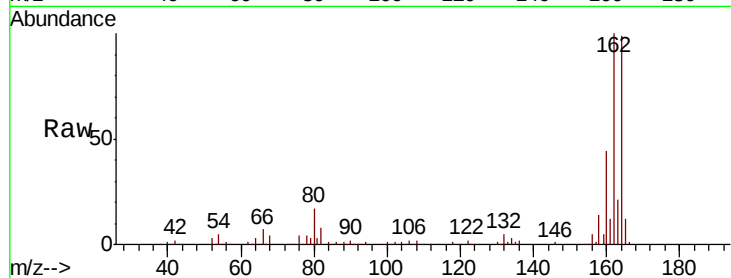




#57
 2,4-Dinitrotoluene
 Concen: 6.340 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.19 min
 Lab File: BF118023.D
 Acq: 27 Nov 2019 2:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.7	50.5#
89	1.4	57.3	85.9#
182	0.0	2.3	3.5#

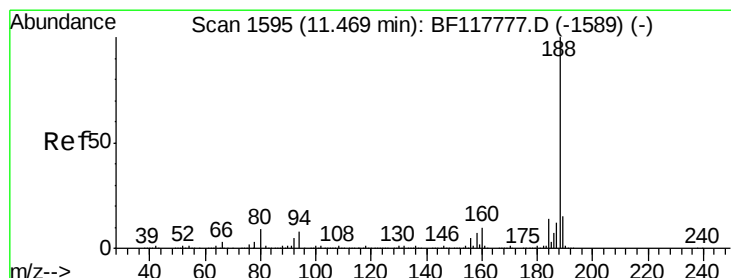
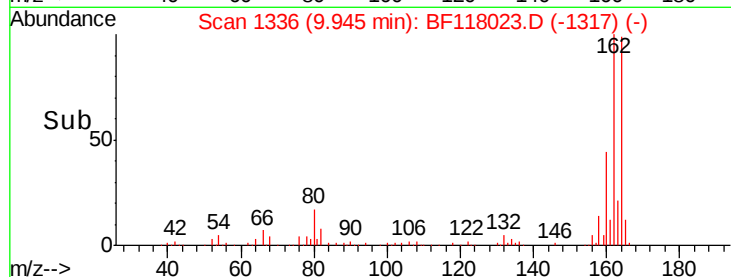
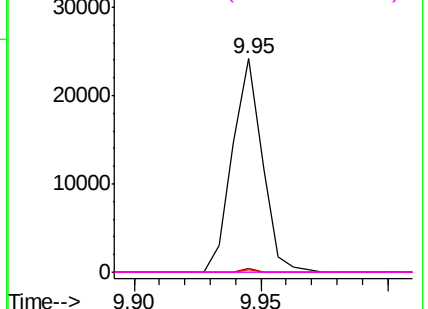


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

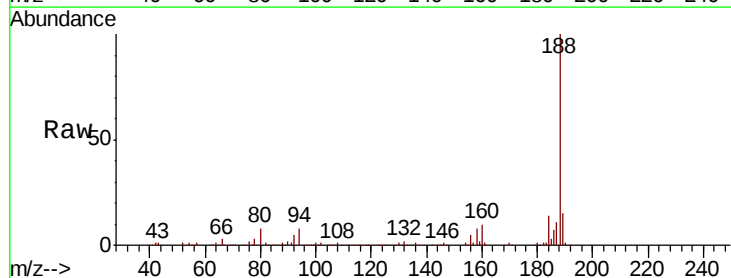
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF118023.D
 Acq: 27 Nov 2019 2:40

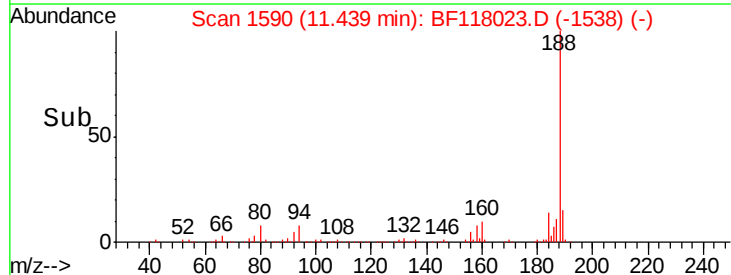
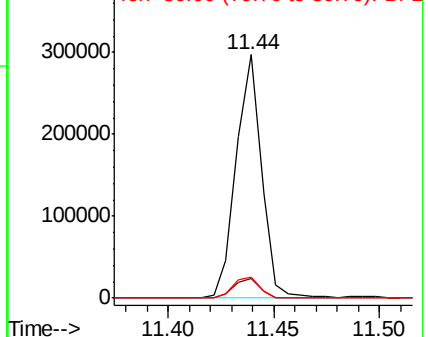
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	8.5	7.2	10.8

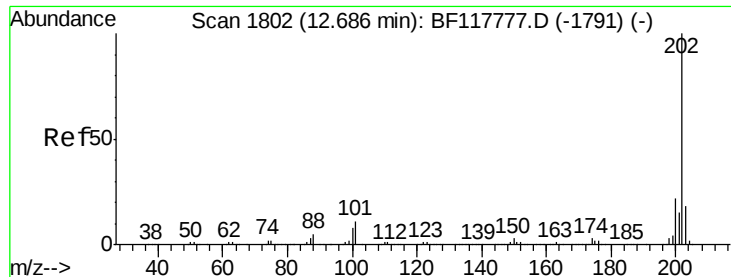


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

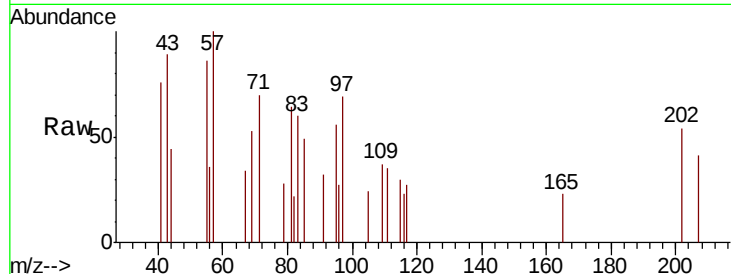




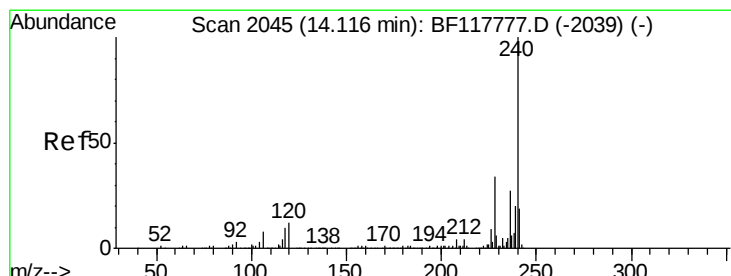
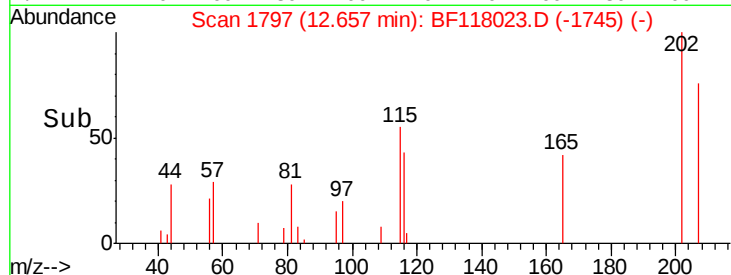
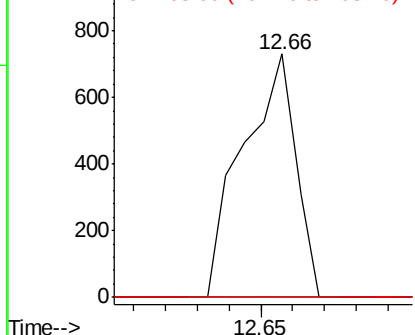
#75
 Fluoranthene
 Concen: Below Cal
 RT: 12.66 min Scan# 1797
 Delta R.T. 0.01 min
 Lab File: BF118023.D
 Acq: 27 Nov 2019 2:40

Instrument :
 BNA_F
 ClientSampled :

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

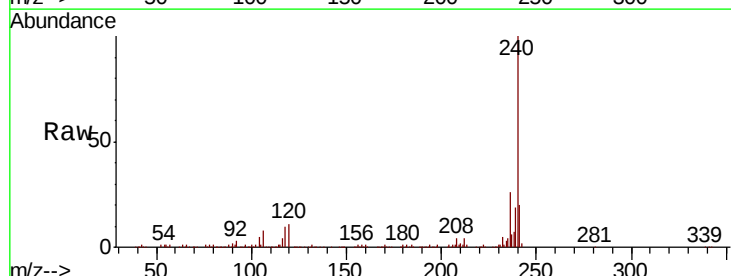


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

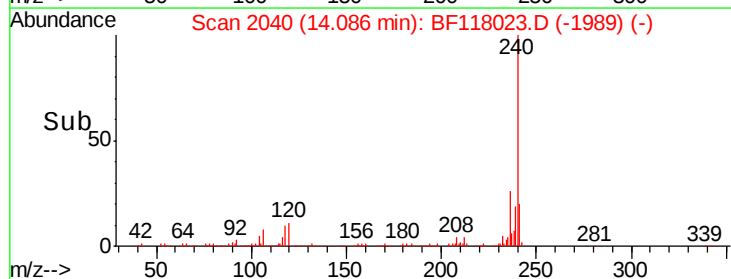
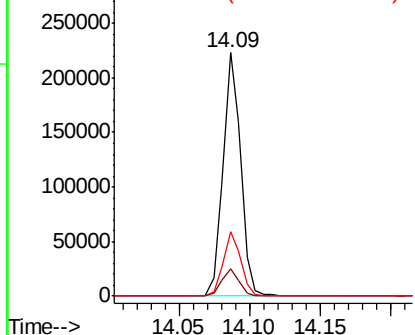


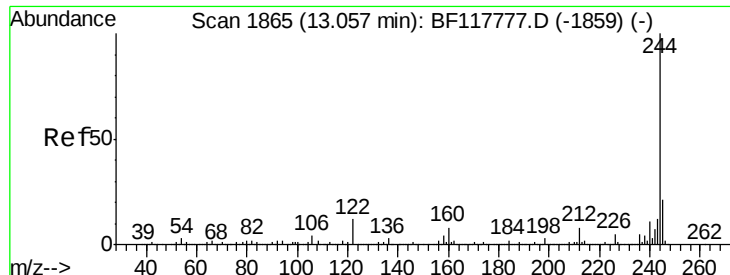
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF118023.D
 Acq: 27 Nov 2019 2:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	26.3	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: 68.483 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BF118023.D

Acq: 27 Nov 2019 2:40

Instrument :

BNA_F

ClientSampled :

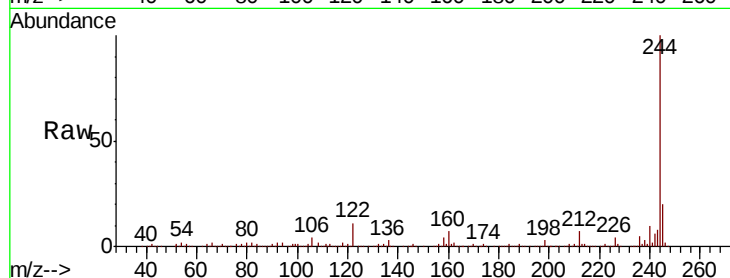
Tot Ion:244 Resp: 725219

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

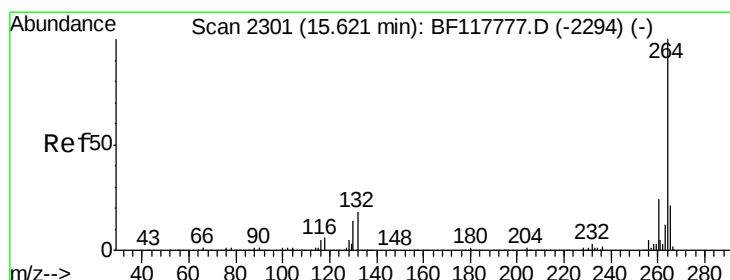
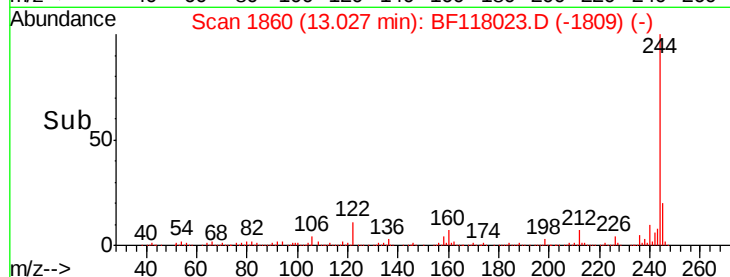
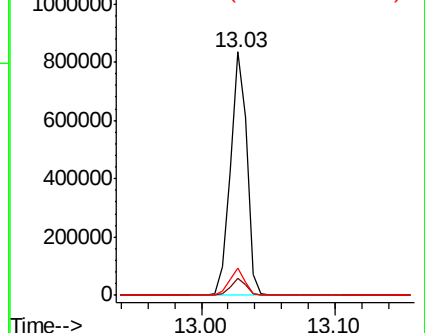
122 11.3 9.4 14.2



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# 2296

Delta R.T. 0.01 min

Lab File: BF118023.D

Acq: 27 Nov 2019 2:40

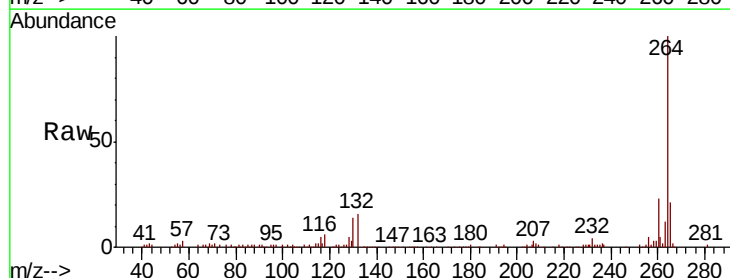
Tgt Ion:264 Resp: 155986

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 21.4 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

