

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF118007.D
 Acq On : 26 Nov 2019 15:16
 Operator : JU
 Sample : K5840-09RE 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 16:00:13 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

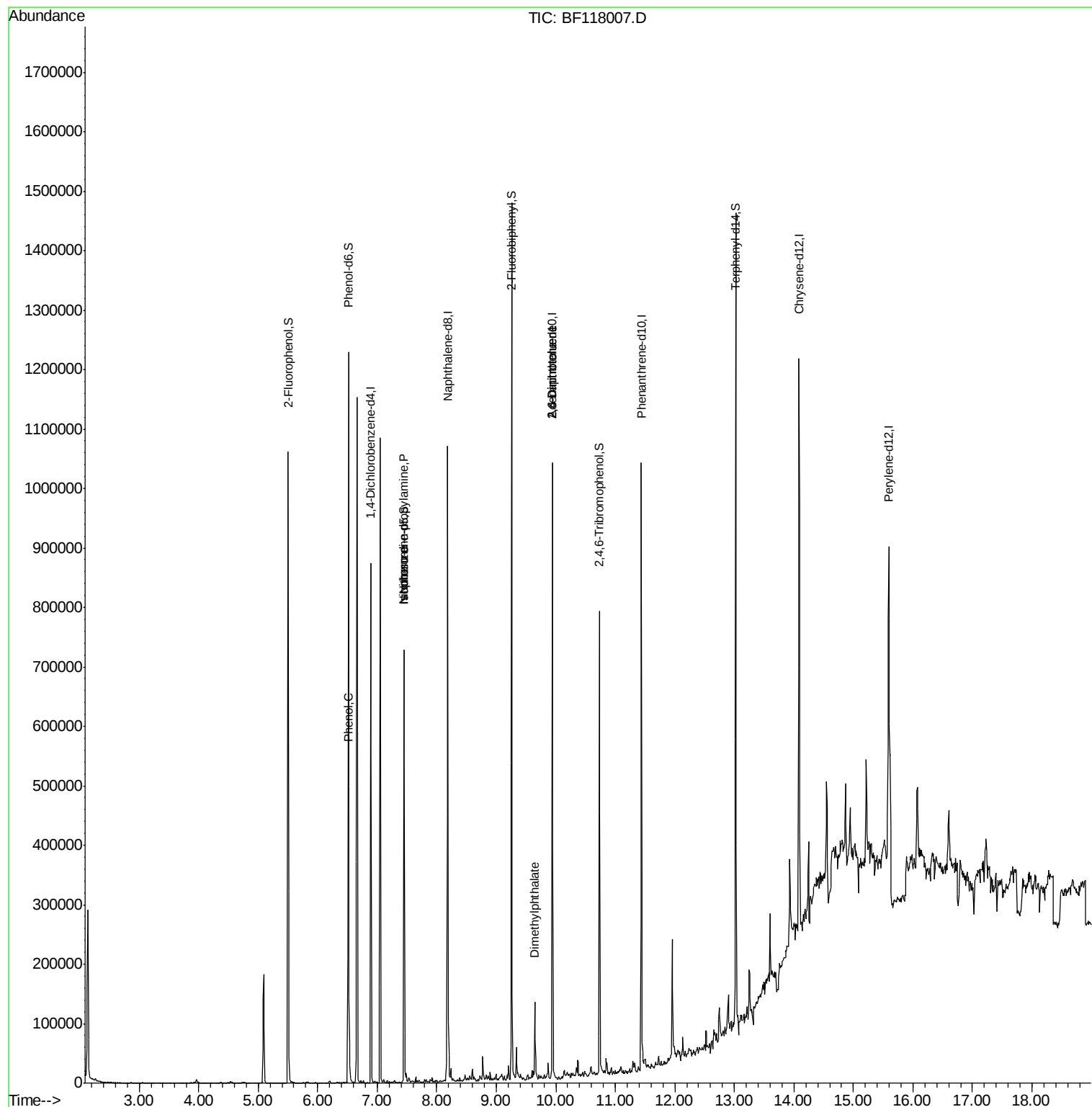
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	119441	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	431567	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	196709	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	378094	20.00	ng	0.00
76) Chrysene-d12	14.09	240	299727	20.00	ng	0.00
87) Perylene-d12	15.59	264	242559	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	291827	43.25	ng	0.00
7) Phenol-d6	6.52	99	368137	45.23	ng	0.00
23) Nitrobenzene-d5	7.45	82	210441	28.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	89795	43.12	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	406871	37.11	ng	0.00
79) Terphenyl-d14	13.02	244	465822	28.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	569	Below Cal	Qvalue	# 1
10) Phenol	6.53	94	18805	2.224 ng		95
19) n-Nitroso-di-n-propylamine	7.45	70	28116	5.600 ng	#	76
25) Isophorone	7.45	82	210439	15.815 ng	#	62
50) Dimethylphthalate	9.65	163	38871	2.818 ng		99
51) 2,6-Dinitrotoluene	9.95	165	24757	8.212 ng	#	24
57) 2,4-Dinitrotoluene	9.95	165	24757	6.456 ng	#	25
75) Fluoranthene	12.65	202	8548	Below Cal		91

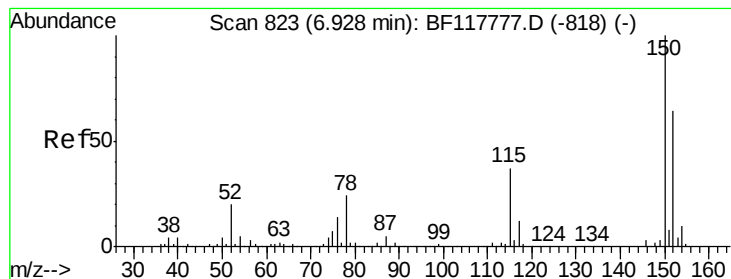
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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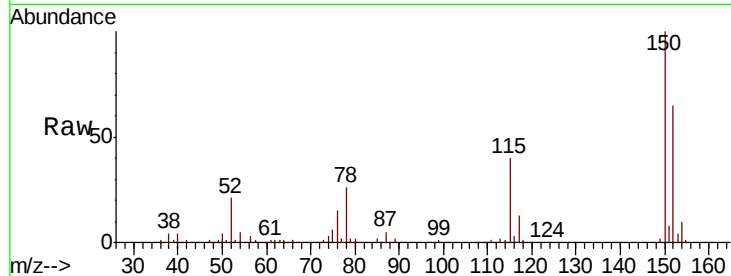




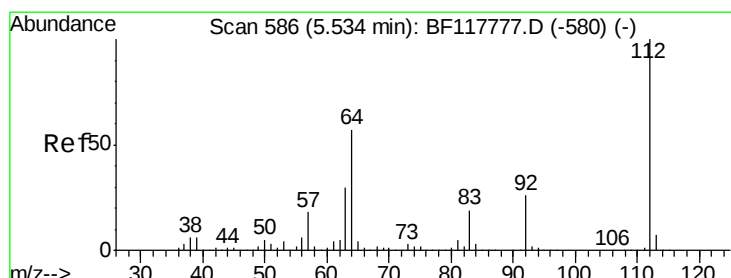
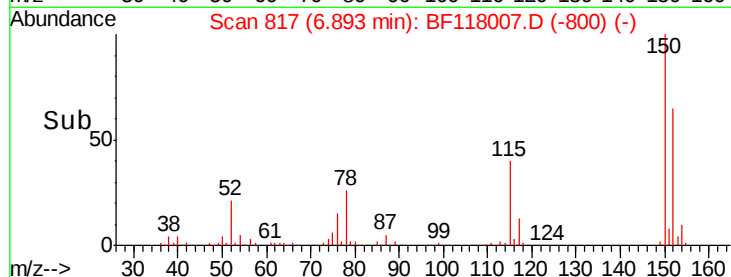
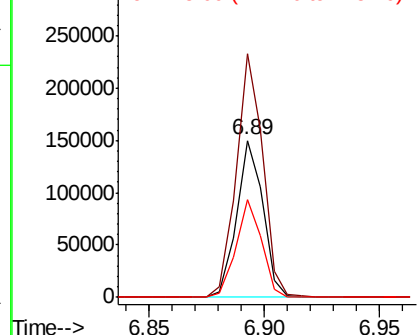
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF118007.D
 Acq: 26 Nov 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 119441
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.3 187.9
 115 62.1 47.0 70.4

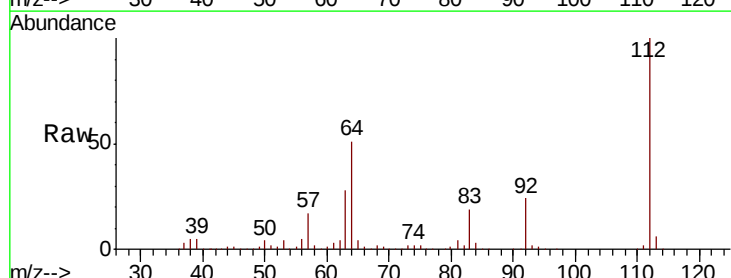


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

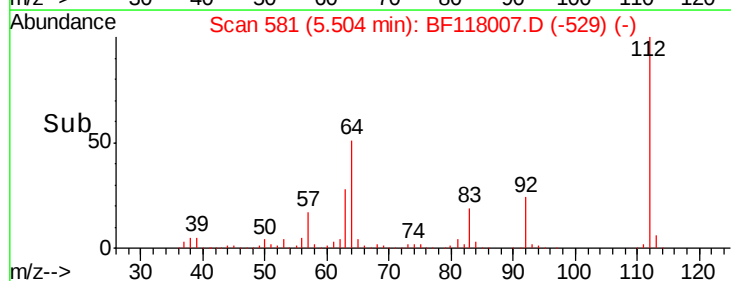
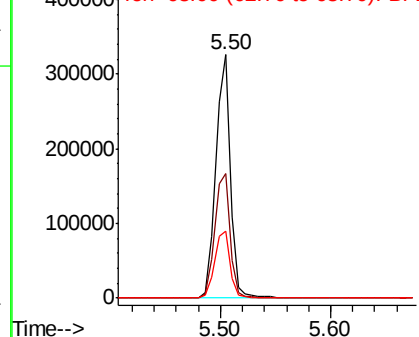


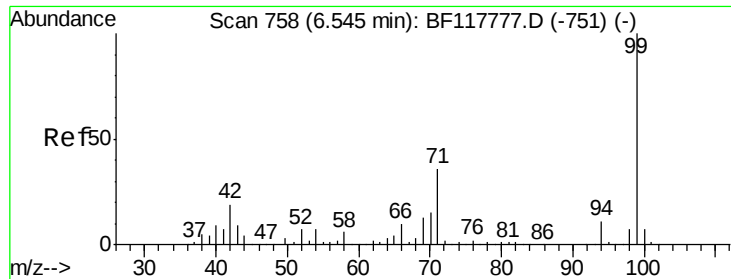
#5
 2-Fluorophenol
 Concen: 43.249 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF118007.D
 Acq: 26 Nov 2019 15:16

Tgt Ion:112 Resp: 291827
 Ion Ratio Lower Upper
 112 100
 64 51.3 45.6 68.4
 63 27.8 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: 45.232 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118007.D

Acq: 26 Nov 2019 15:16

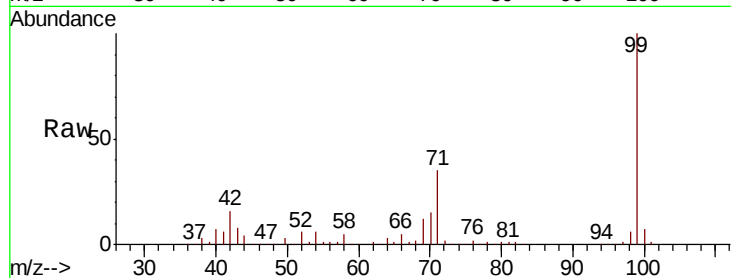
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 368137

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.9	22.3
71	35.0	28.6	43.0

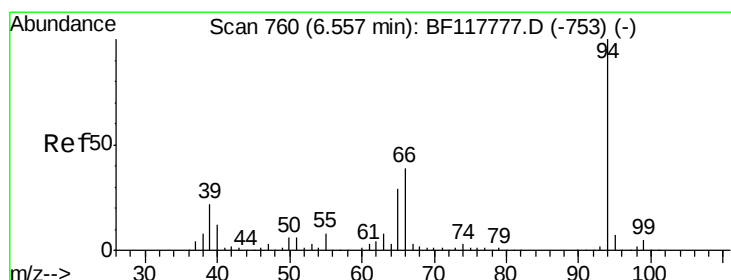
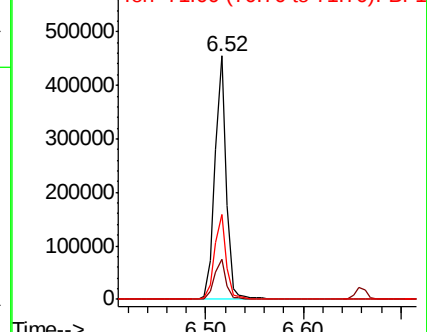
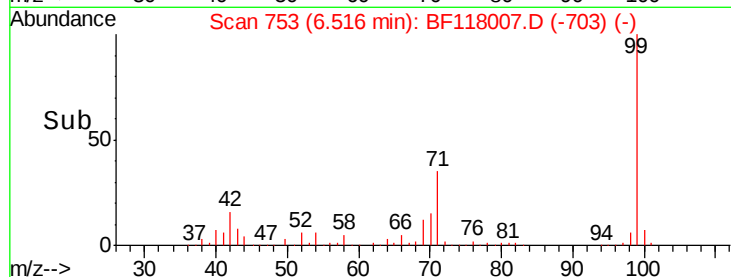


Abundance

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



#10

Phenol

Concen: 2.224 ng

RT: 6.53 min Scan# 755

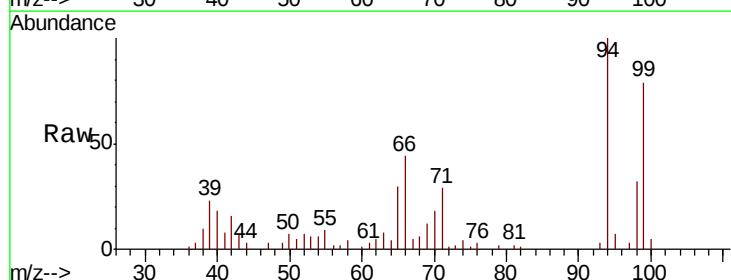
Delta R.T. -0.01 min

Lab File: BF118007.D

Acq: 26 Nov 2019 15:16

Tgt Ion: 94 Resp: 18805

Ion	Ratio	Lower	Upper
94	100		
65	29.6	8.9	48.9
66	43.6	18.7	58.7

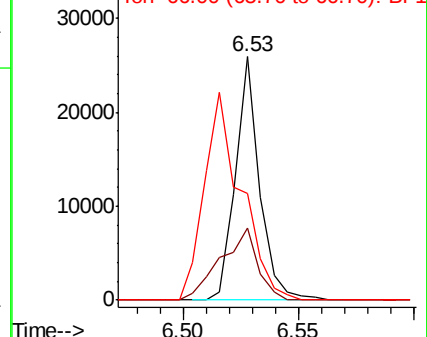
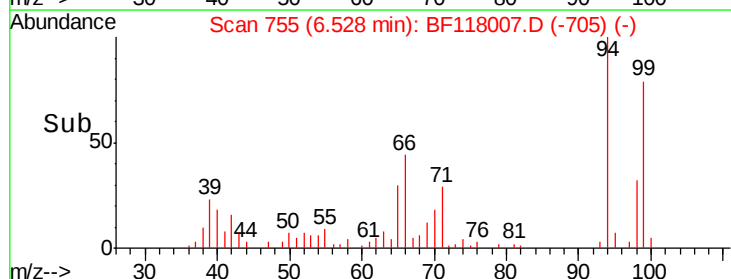


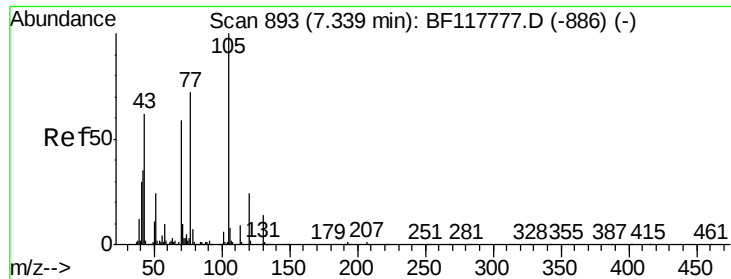
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

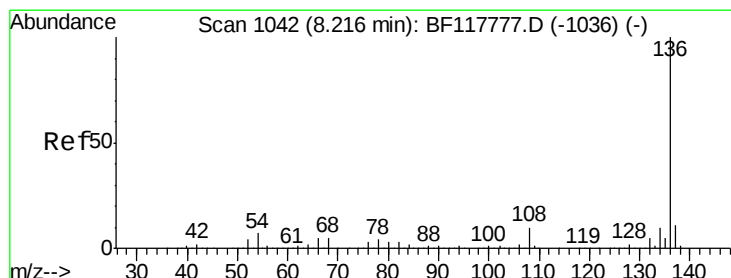
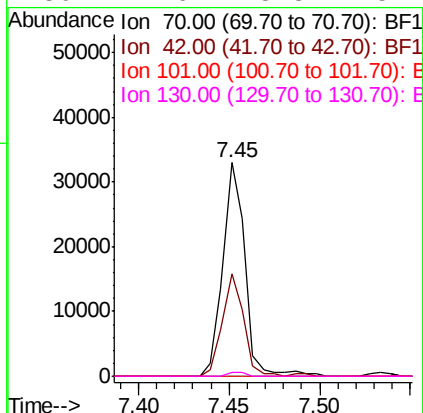
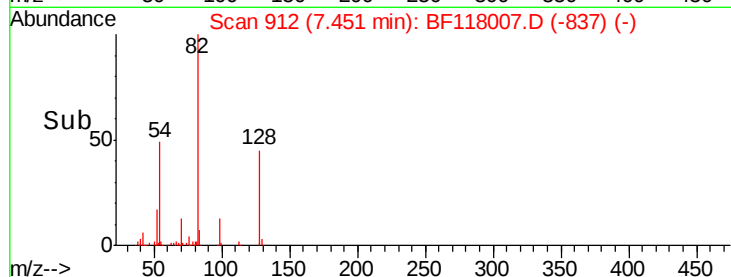
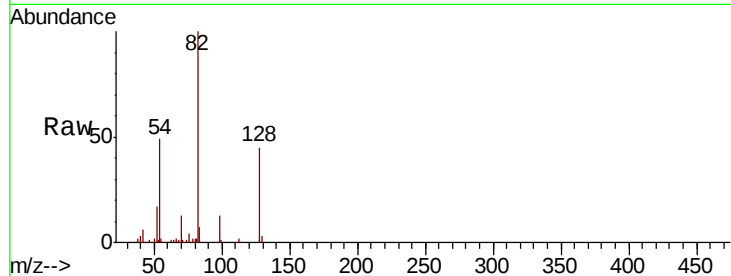




#19
n-Nitroso-di-n-propylamine
Concen: 5.600 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF118007.D
Acq: 26 Nov 2019 15:16

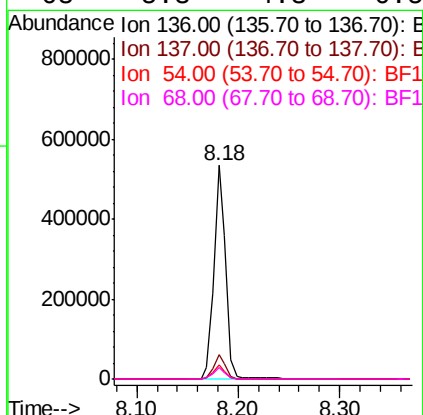
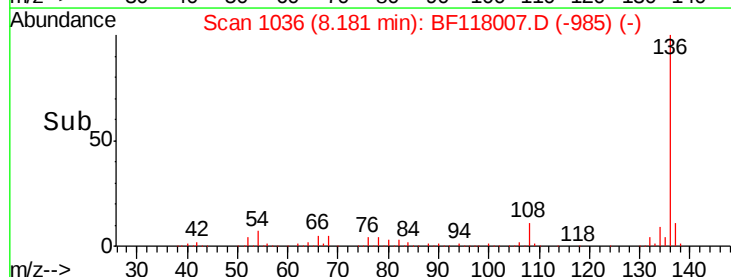
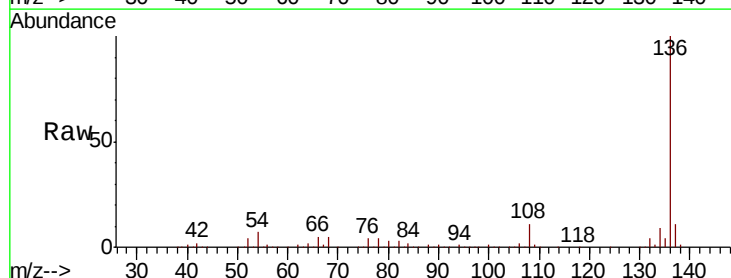
Instrument :
BNA_F
ClientSampleId :

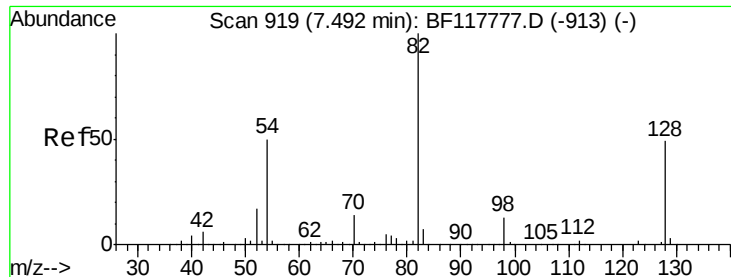
Tot Ion: 70 Resp: 28116
Ion Ratio Lower Upper
70 100
42 48.2 47.4 71.2
101 0.0 8.4 12.6#
130 1.6 18.8 28.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118007.D
Acq: 26 Nov 2019 15:16

Tgt Ion: 136 Resp: 431567
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 6.8 5.4 8.2
68 5.3 4.3 6.5

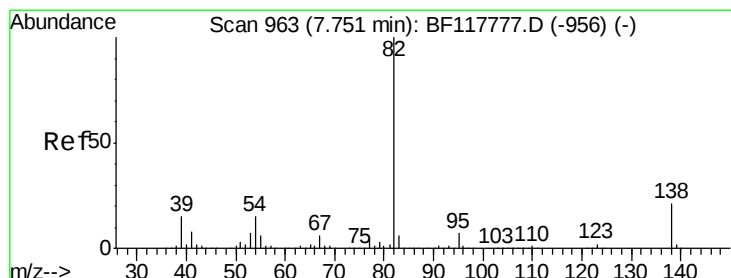
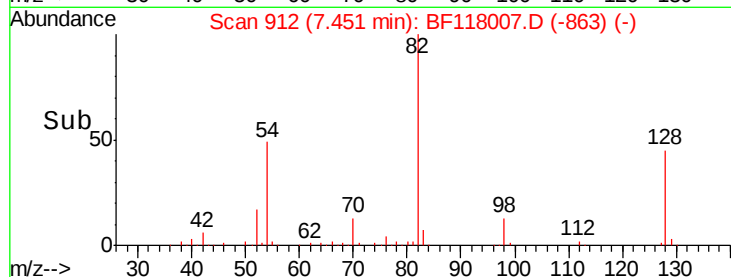
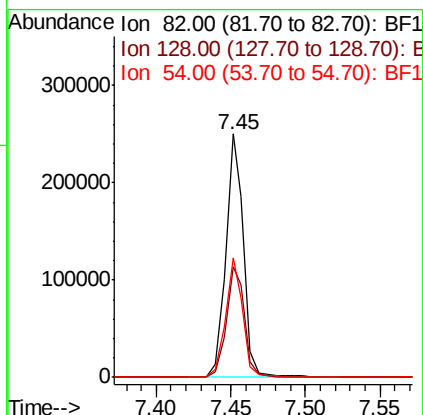
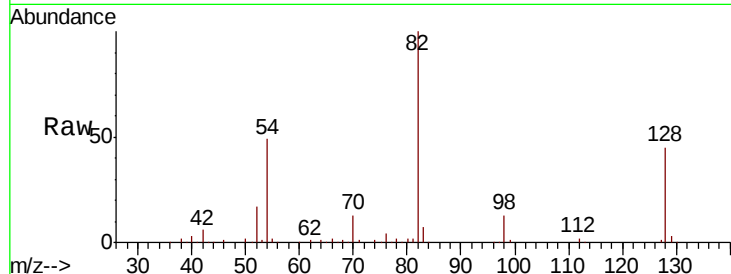




#23
 Nitrobenzene-d5
 Concen: 28.987 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118007.D
 Acq: 26 Nov 2019 15:16

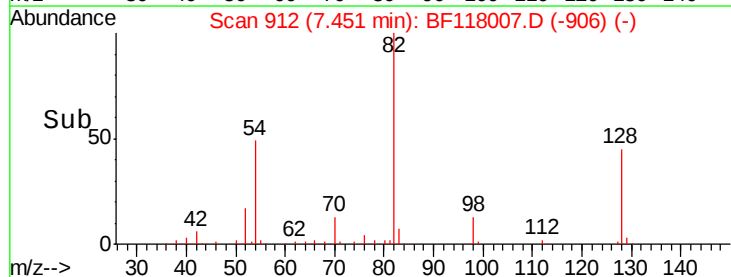
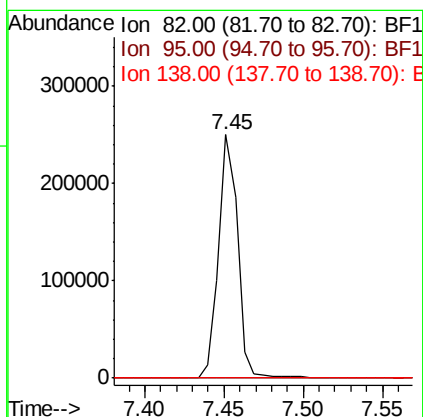
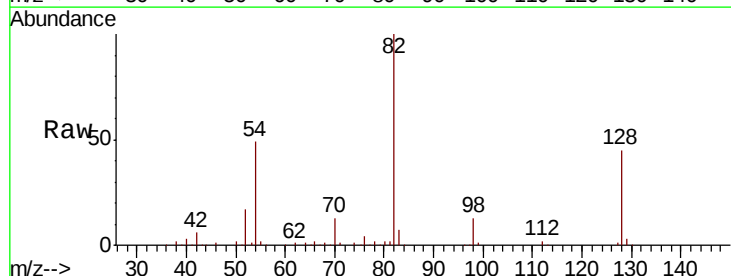
Instrument :
 BNA_F
 ClientSampleId :

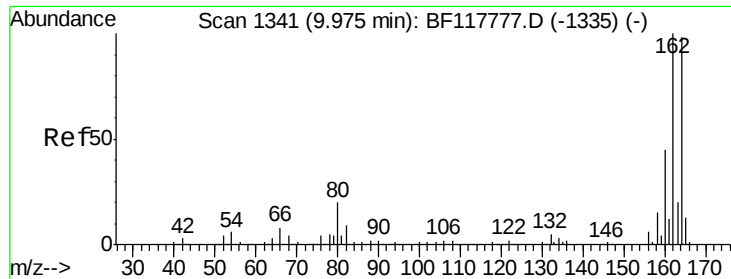
Tot Ion	82	Resp	210441
Ion Ratio	100	Lower	Upper
128	45.1	38.9	58.3
54	49.0	39.8	59.6



#25
 Isophorone
 Concen: 15.815 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.26 min
 Lab File: BF118007.D
 Acq: 26 Nov 2019 15:16

Tgt Ion	82	Resp	210439
Ion Ratio	100	Lower	Upper
95	0.0	5.8	8.8#
138	0.0	16.5	24.7#

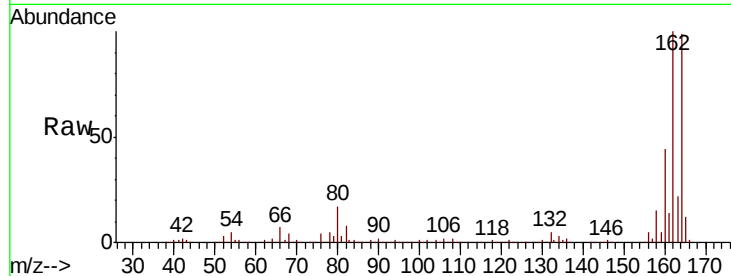




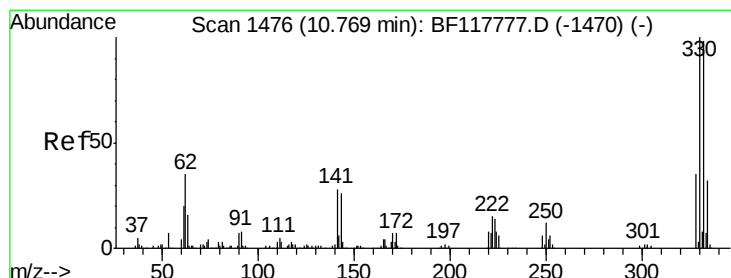
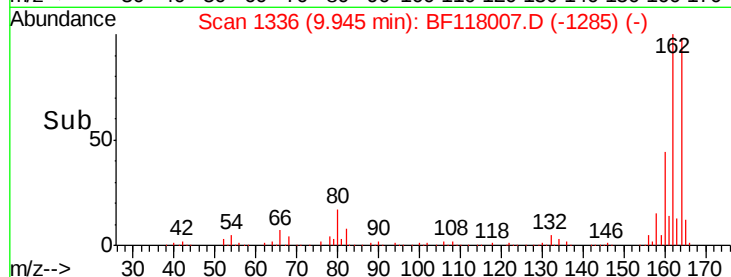
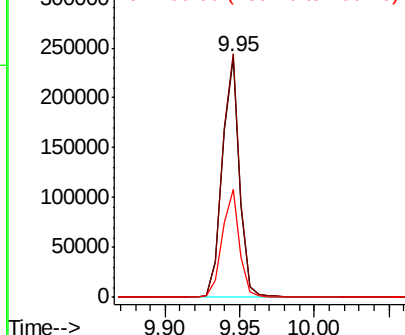
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF118007.D
Acq: 26 Nov 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 196709
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 44.9 36.6 55.0

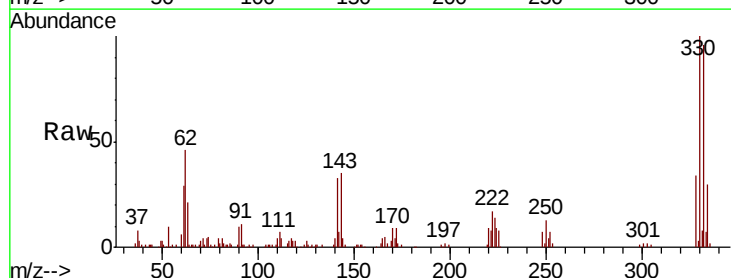


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

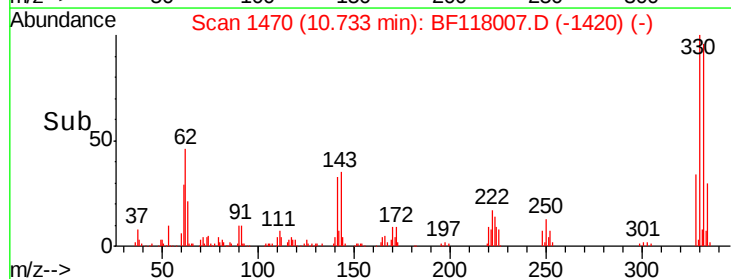
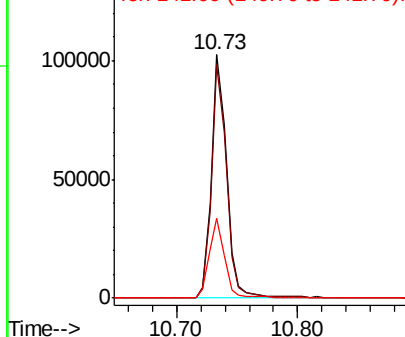


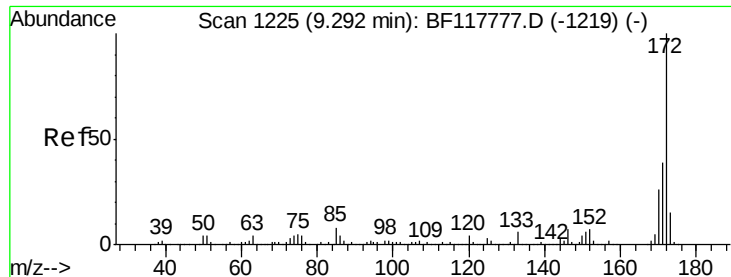
#42
2,4,6-Tribromophenol
Concen: 43.118 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.01 min
Lab File: BF118007.D
Acq: 26 Nov 2019 15:16

Tgt Ion:330 Resp: 89795
Ion Ratio Lower Upper
330 100
332 94.4 76.7 115.1
141 33.6 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

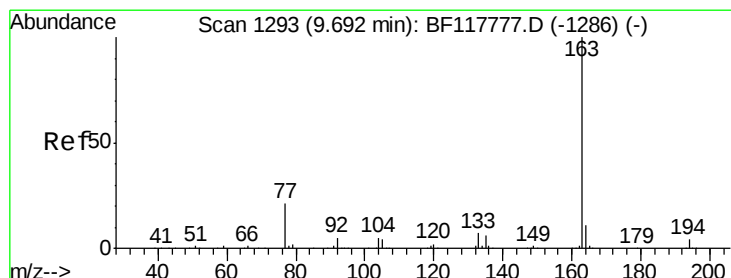
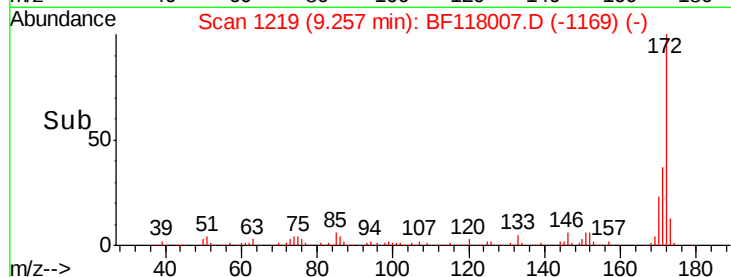
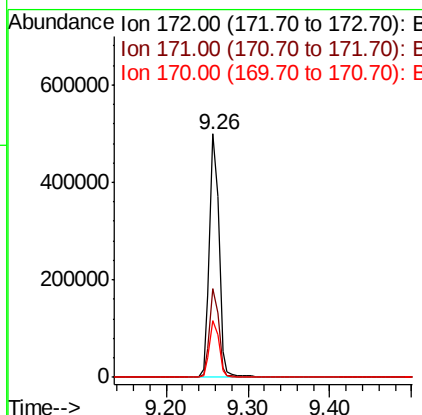
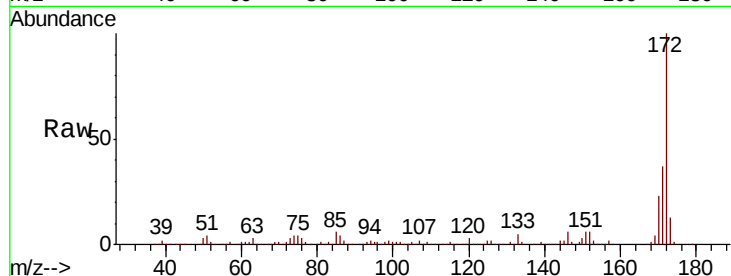




#45
2-Fluorobiphenyl
Concen: 37.108 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF118007.D
Acq: 26 Nov 2019 15:16

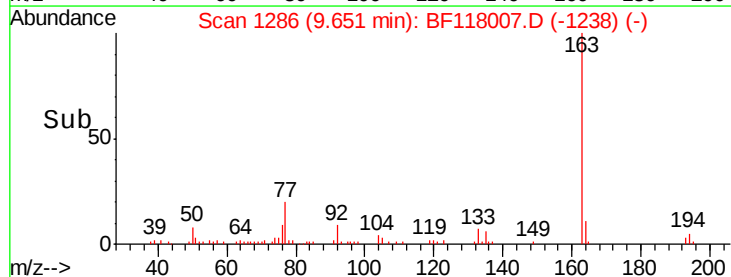
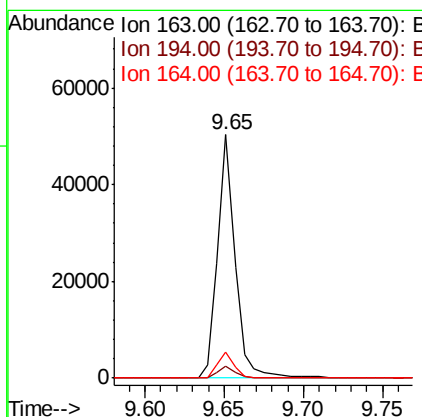
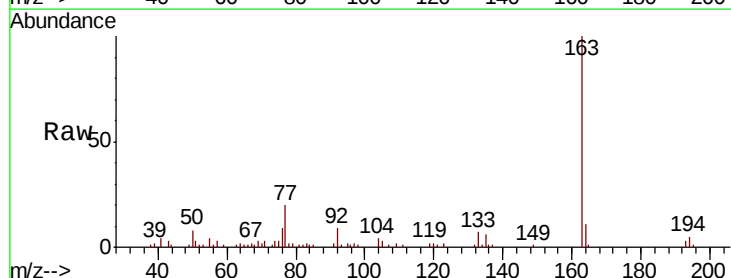
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BNA_F
ClientSampleId :

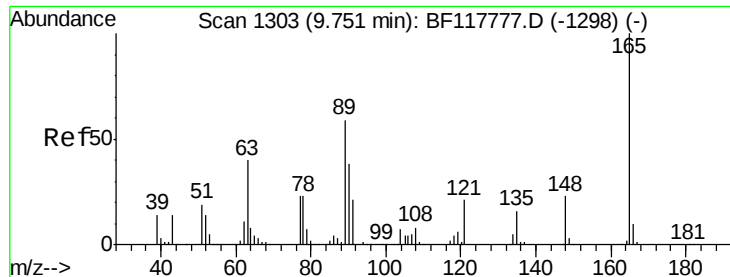
Tot Ion:172 Resp: 406871
Ion Ratio Lower Upper
172 100
171 36.7 30.9 46.3
170 23.4 21.0 31.4



#50
Dimethylphthalate
Concen: 2.818 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF118007.D
Acq: 26 Nov 2019 15:16

Tgt Ion:163 Resp: 38871
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 10.6 8.7 13.1

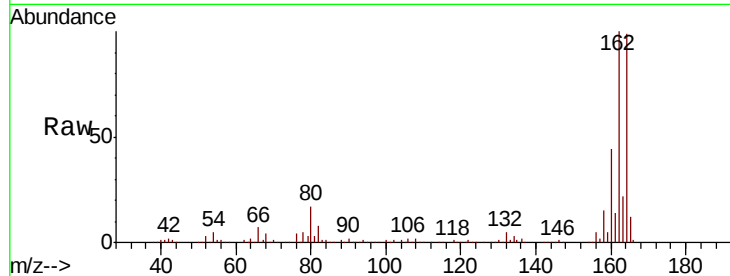




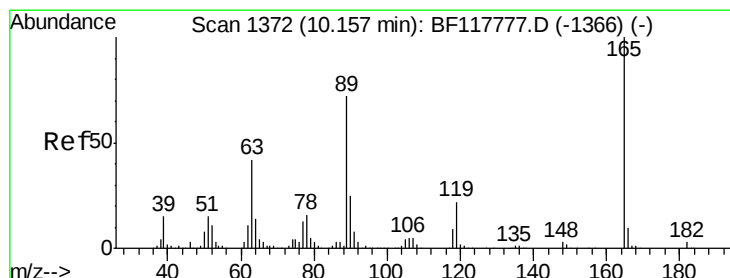
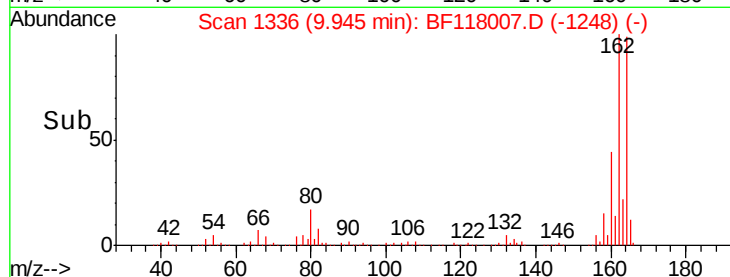
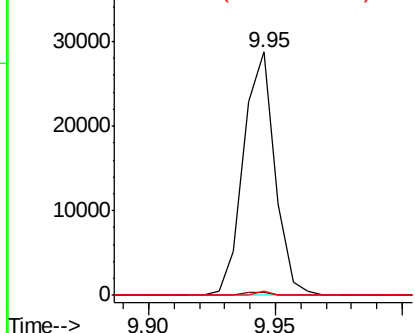
#51
 2,6-Dinitrotoluene
 Concen: 8.212 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.22 min
 Lab File: BF118007.D
 Acq: 26 Nov 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	46.0	69.0#
89	1.7	47.7	71.5#



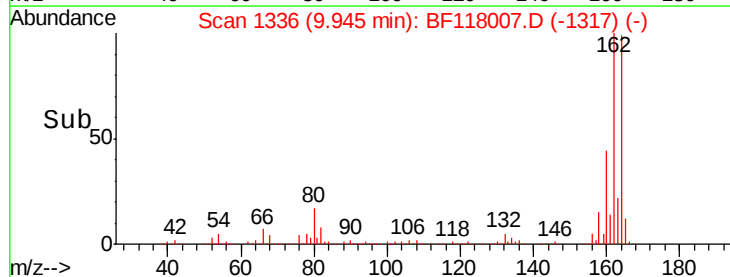
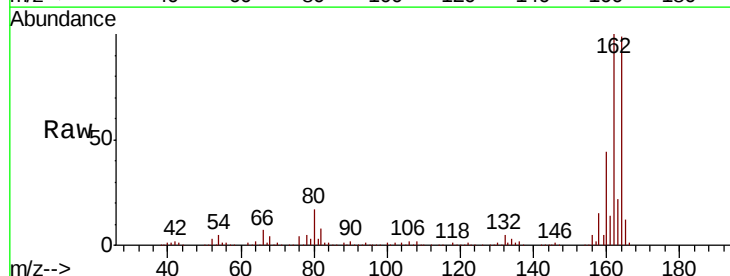
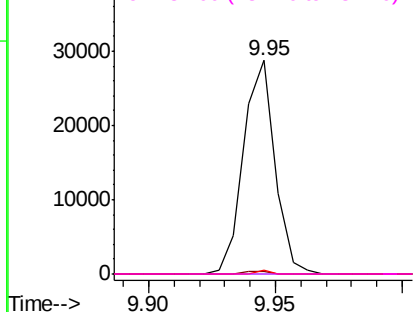
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

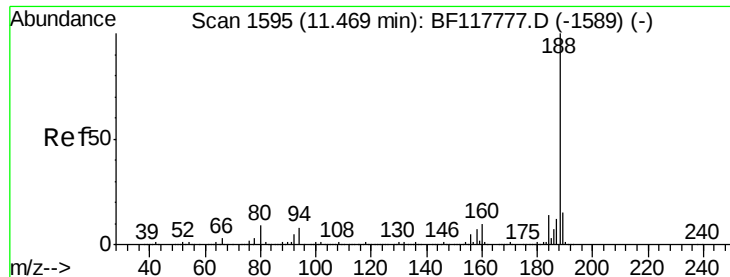


#57
 2,4-Dinitrotoluene
 Concen: 6.456 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.19 min
 Lab File: BF118007.D
 Acq: 26 Nov 2019 15:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.7	50.5#
89	1.7	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

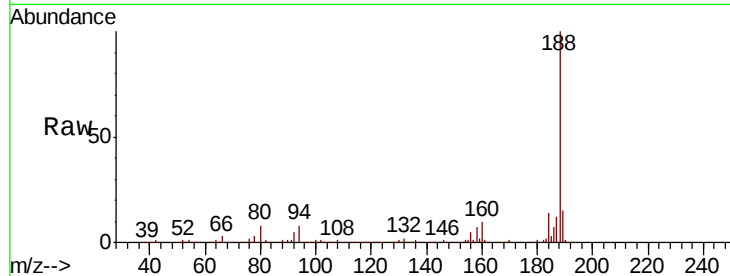




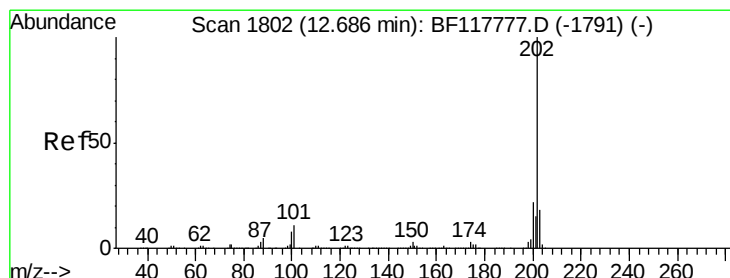
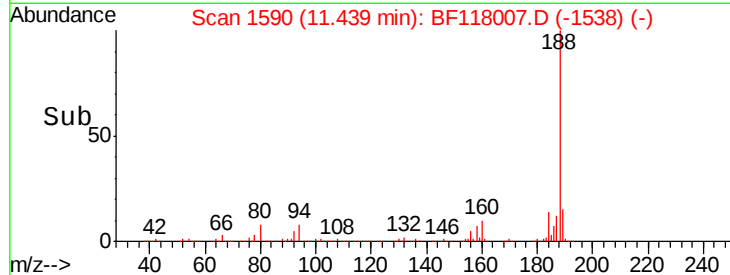
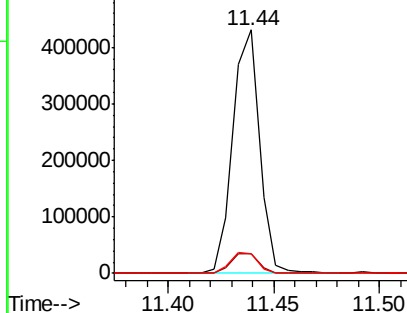
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF118007.D
Acq: 26 Nov 2019 15:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 378094
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 7.9 7.2 10.8

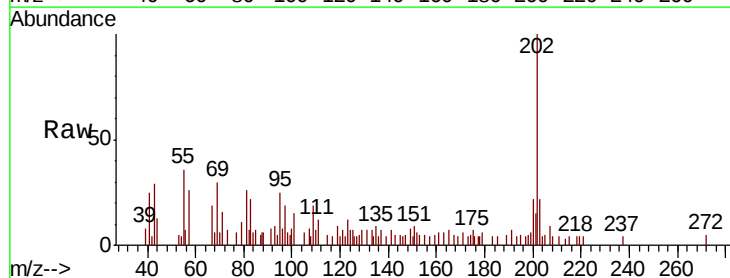


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

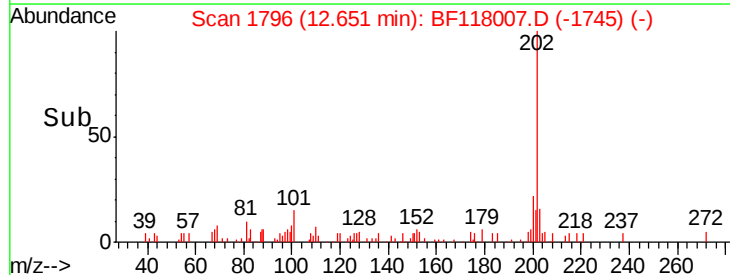
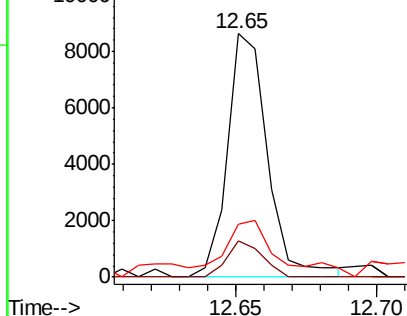


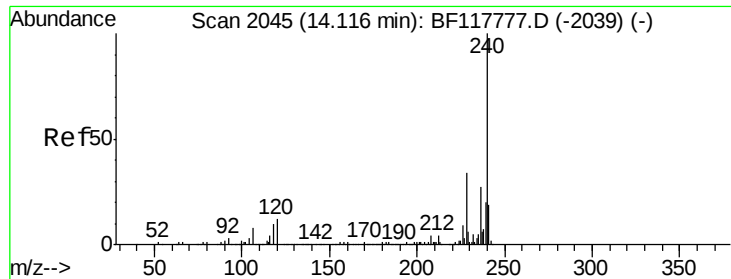
#75
Fluoranthene
Concen: Below Cal
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF118007.D
Acq: 26 Nov 2019 15:16

Tgt Ion:202 Resp: 8548
Ion Ratio Lower Upper
202 100
101 14.9 0.0 31.1
203 21.7 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

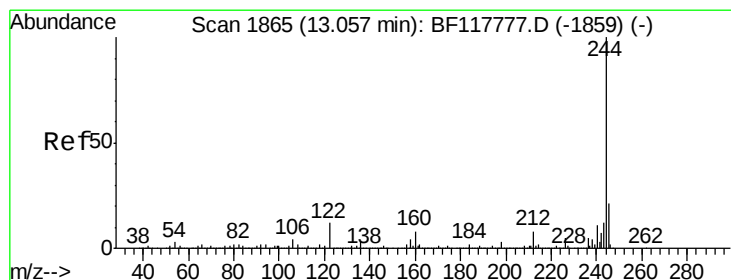
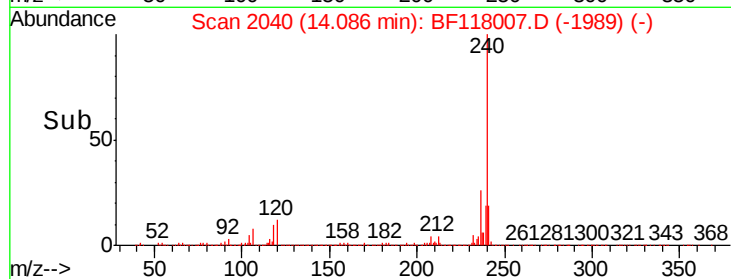
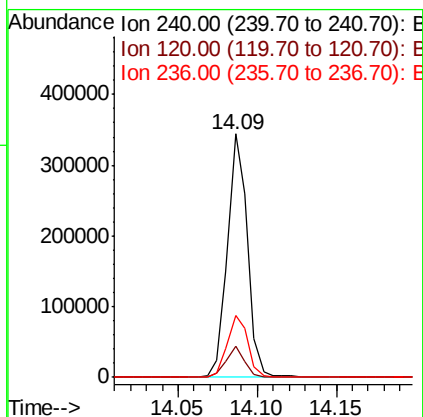
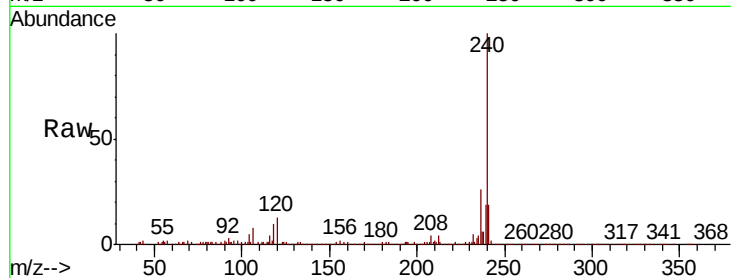




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF118007.D
 Acq: 26 Nov 2019 15:16

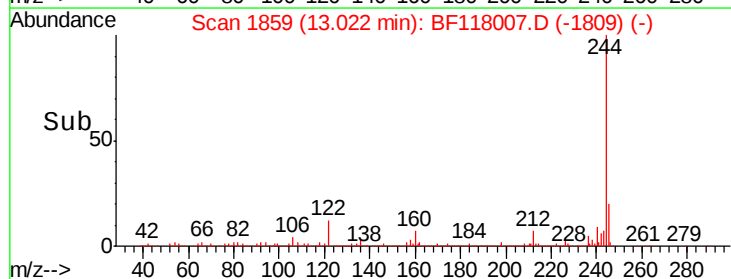
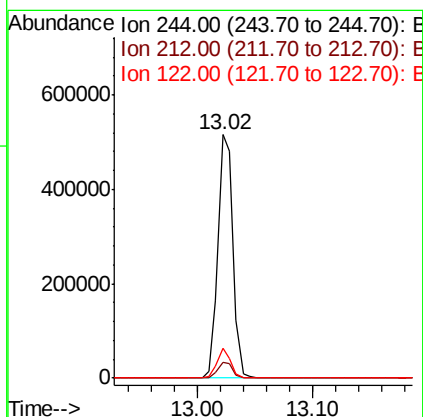
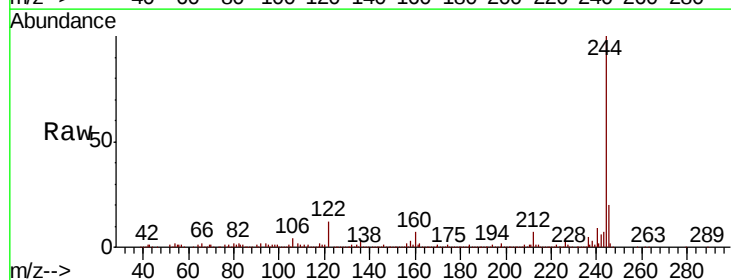
Instrument :
 BNA_F
 ClientSampleId :

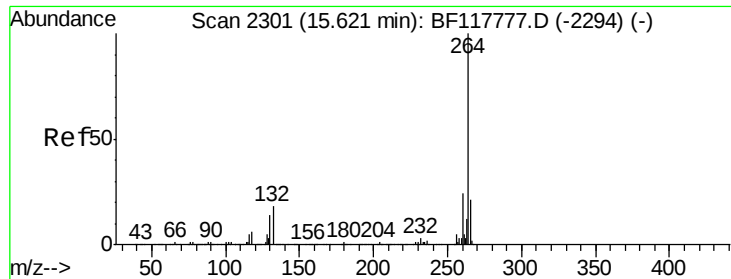
Tot Ion:240 Resp: 299727
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.5 14.3
 236 25.6 21.3 31.9



#79
 Terphenyl-d14
 Concen: 28.404 ng
 RT: 13.02 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BF118007.D
 Acq: 26 Nov 2019 15:16

Tgt Ion:244 Resp: 465822
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.3 9.5
 122 12.1 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BF118007.D
Acq: 26 Nov 2019 15:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	242559
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.9	17.1	25.7

