

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118195.D
 Acq On : 13 Dec 2019 19:27
 Operator : JU
 Sample : K6261-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 22:47:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

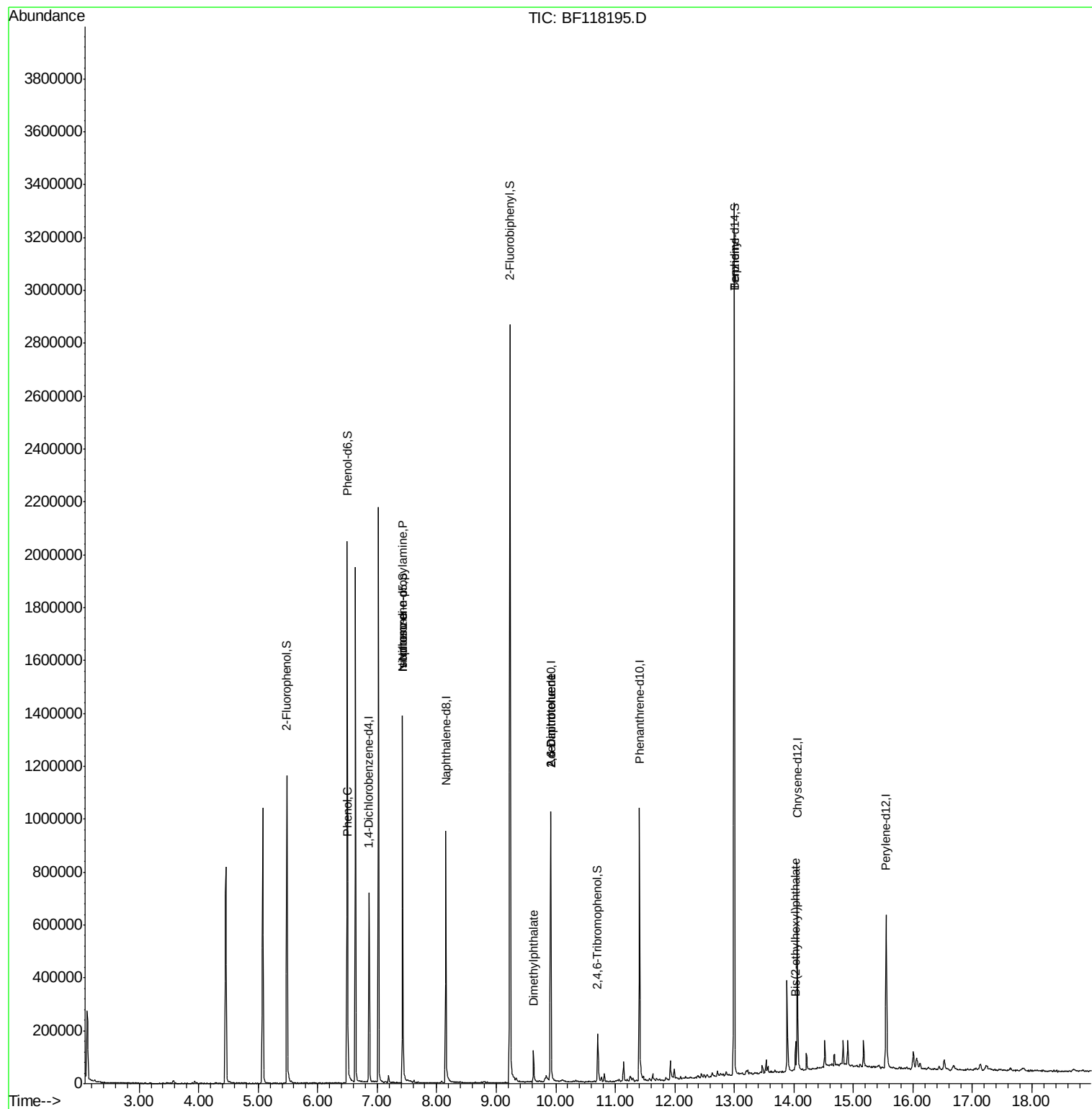
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	113921	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	448064	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	233848	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	435570	20.00	ng	0.00
76) Chrysene-d12	14.06	240	266703	20.00	ng	-0.01
87) Perylene-d12	15.55	264	273726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	362218	55.69	ng	0.00
7) Phenol-d6	6.50	99	680272	86.47	ng	0.00
23) Nitrobenzene-d5	7.43	82	445674	55.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	28251	9.94	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	938443	61.06	ng	-0.01
79) Terphenyl-d14	13.00	244	1089755	70.26	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1299	Below Cal		Qvalue
10) Phenol	6.51	94	26572	2.962	ng	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	61447	12.854	ng	# 97
25) Isophorone	7.43	82	445671	33.009	ng	# 76
50) Dimethylphthalate	9.63	163	58752	3.401	ng	# 62
51) 2,6-Dinitrotoluene	9.91	165	30071	8.006	ng	# 99
57) 2,4-Dinitrotoluene	9.91	165	30173	6.019	ng	# 28
77) Benzidine	13.00	184	14743	2.100	ng	# 26
84) Bis(2-ethylhexyl)phthalate	14.03	149	29437	2.345	ng	# 96
						100

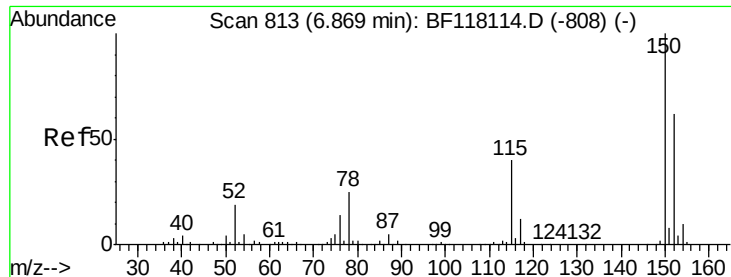
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 17:34:43 2019
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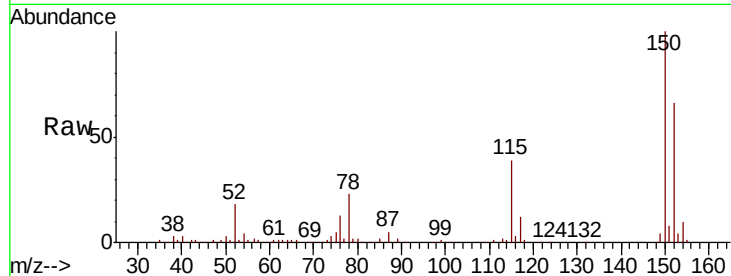


#1

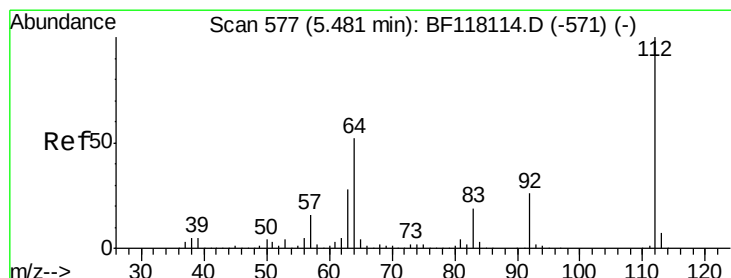
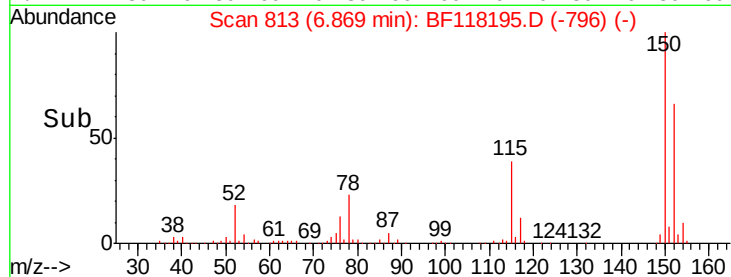
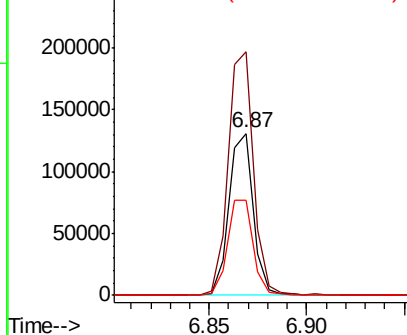
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118195.D
Acq: 13 Dec 2019 19:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113921
Ion Ratio Lower Upper
152 100
150 150.4 128.3 192.5
115 58.5 51.1 76.7



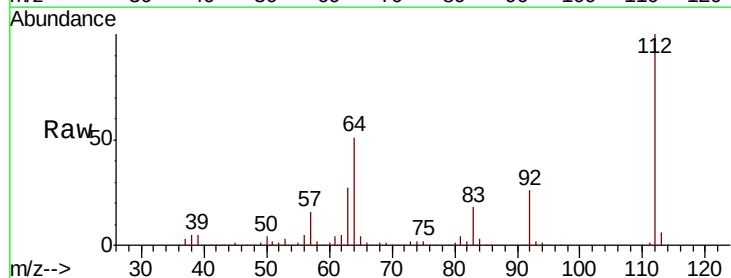
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



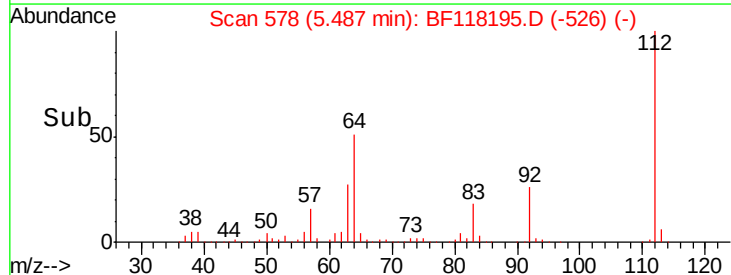
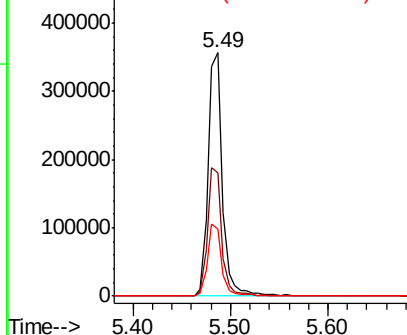
#5

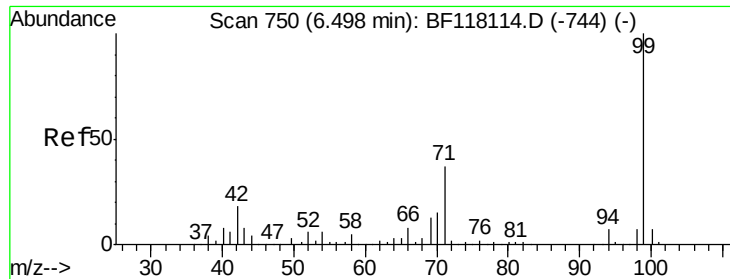
2-Fluorophenol
Concen: 55.689 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118195.D
Acq: 13 Dec 2019 19:27

Tgt Ion:112 Resp: 362218
Ion Ratio Lower Upper
112 100
64 50.5 41.3 61.9
63 27.4 22.4 33.6



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: 86.470 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118195.D

Acq: 13 Dec 2019 19:27

Instrument :

BNA_F

ClientSampleId :

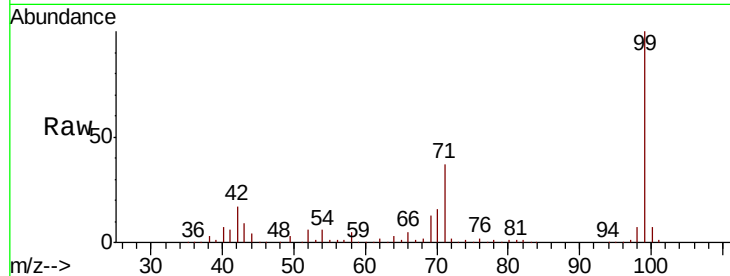
Tot Ion: 99 Resp: 680272

Ion Ratio Lower Upper

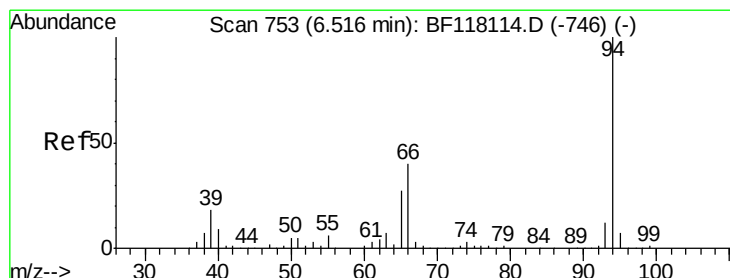
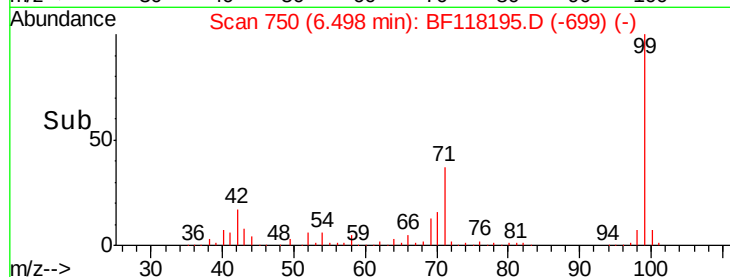
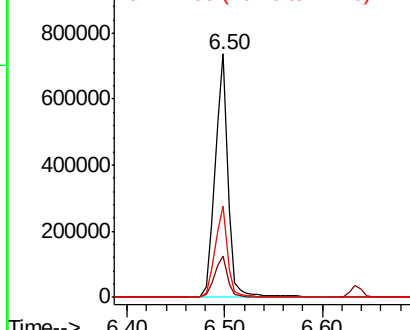
99 100

42 17.2 14.1 21.1

71 37.3 29.7 44.5



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: 2.962 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118195.D

Acq: 13 Dec 2019 19:27

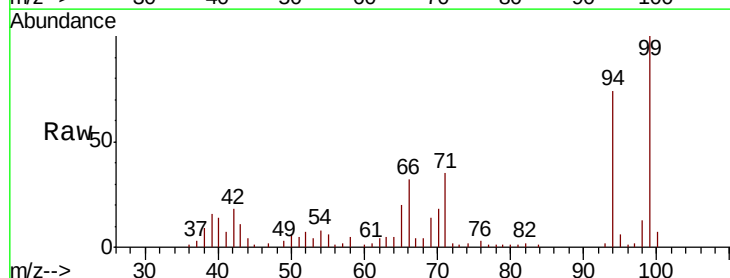
Tgt Ion: 94 Resp: 26572

Ion Ratio Lower Upper

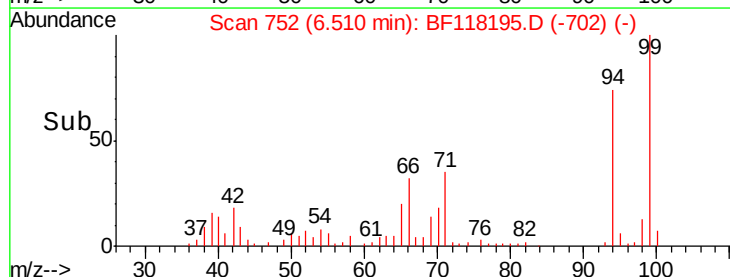
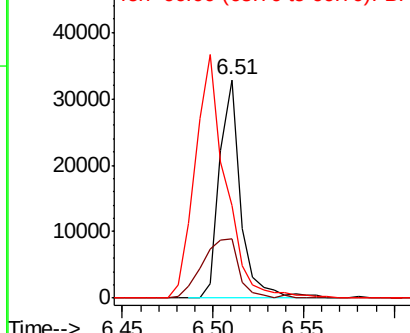
94 100

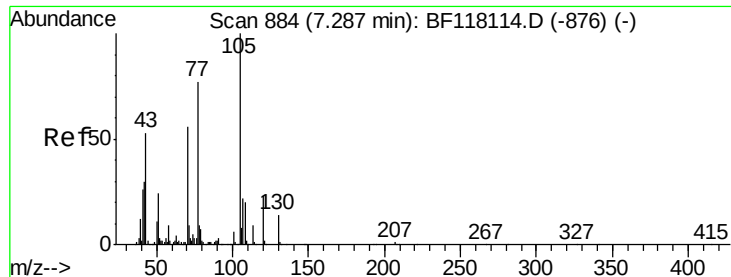
65 27.0 7.3 47.3

66 42.7 20.2 60.2



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

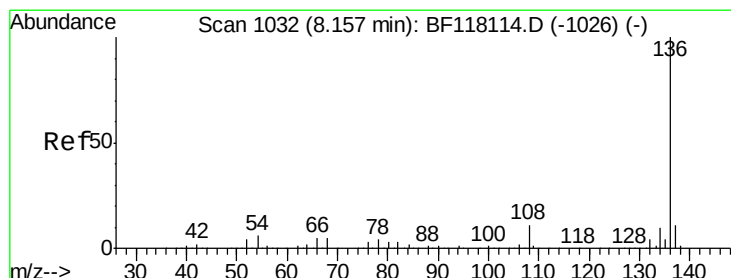
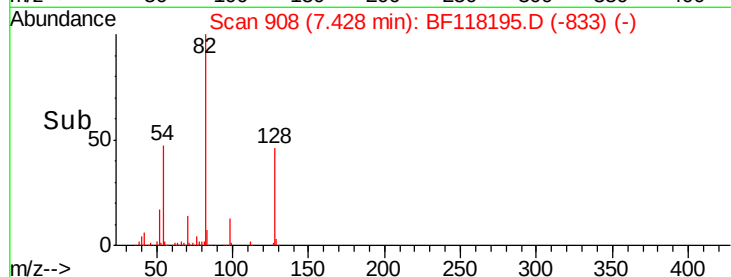
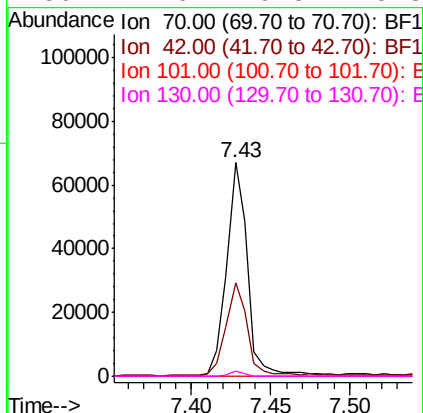
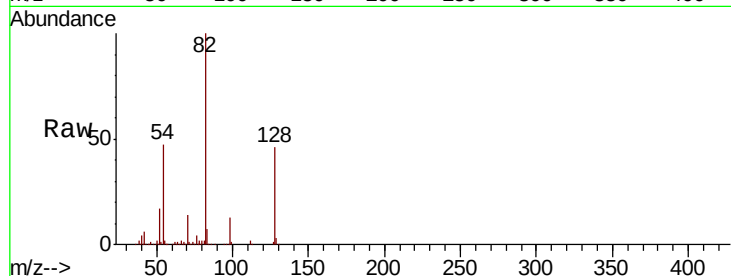




#19
n-Nitroso-di-n-propylamine
Concen: 12.854 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118195.D
Acq: 13 Dec 2019 19:27

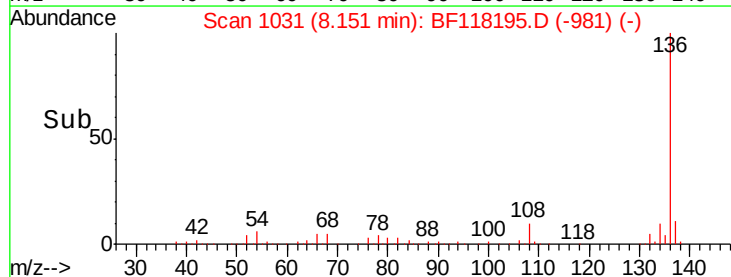
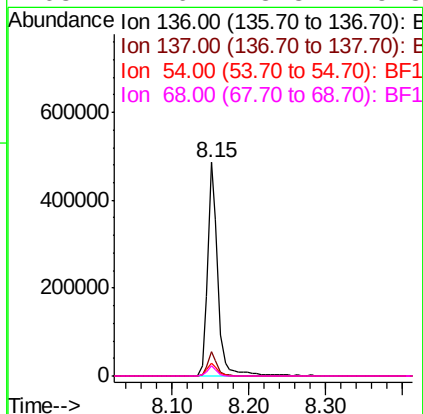
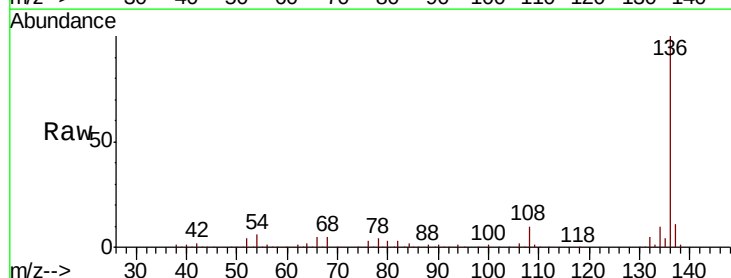
Instrument :
BNA_F
ClientSampled :

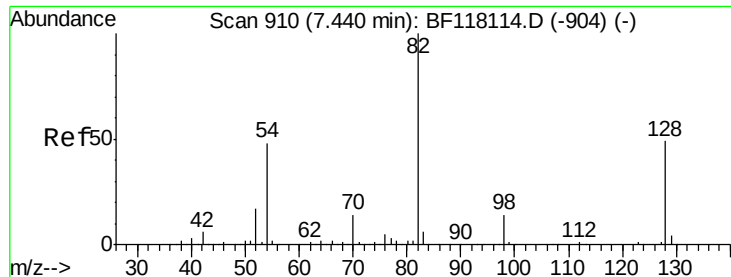
Tot Ion: 70 Resp: 61447
Ion Ratio Lower Upper
70 100
42 43.7 43.2 64.8
101 0.0 8.1 12.1#
130 2.6 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118195.D
Acq: 13 Dec 2019 19:27

Tgt Ion: 136 Resp: 448064
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 6.0 5.0 7.6
68 4.6 3.8 5.8

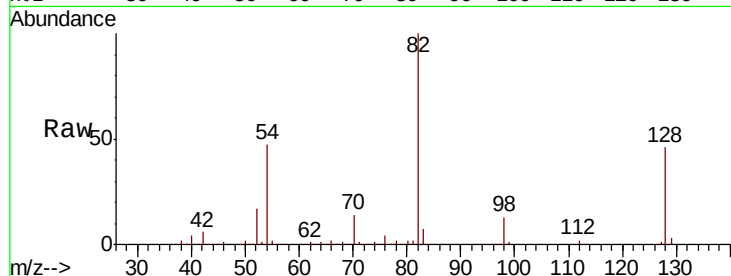




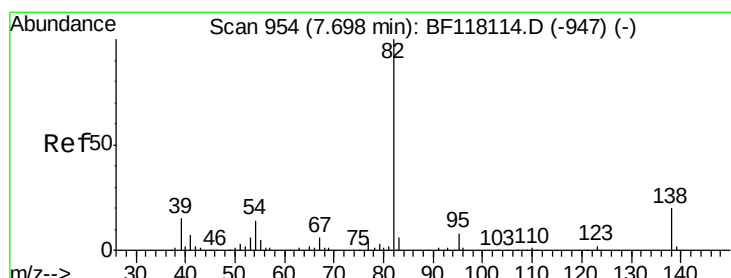
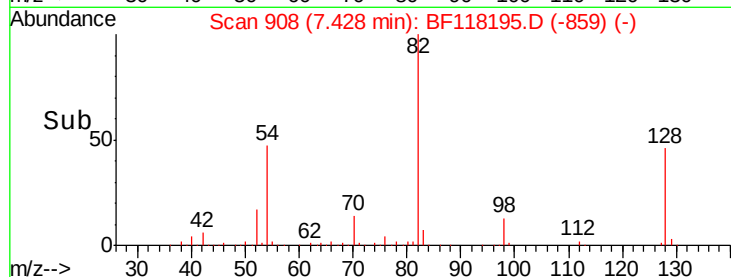
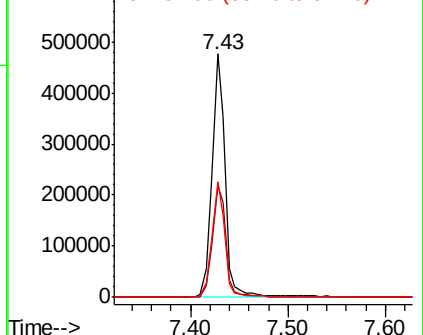
#23
 Nitrobenzene-d5
 Concen: 55.958 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118195.D
 Acq: 13 Dec 2019 19:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 445674
 Ion Ratio Lower Upper
 82 100
 128 46.2 39.1 58.7
 54 47.4 38.2 57.2

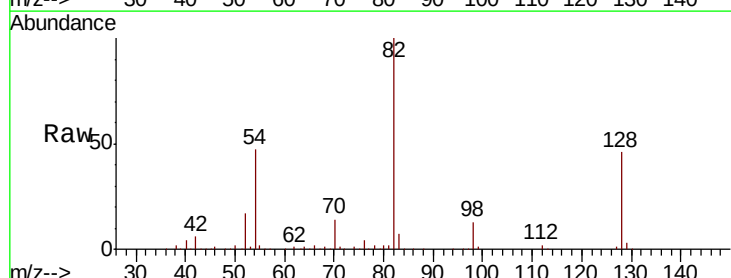


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

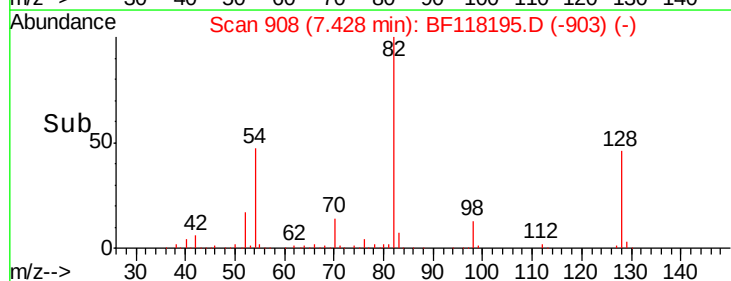
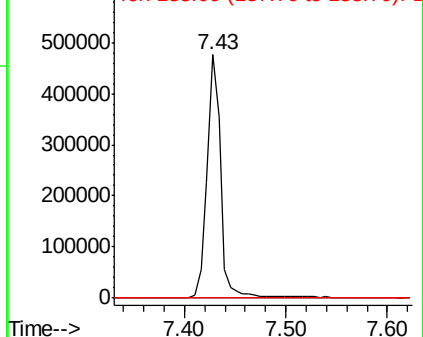


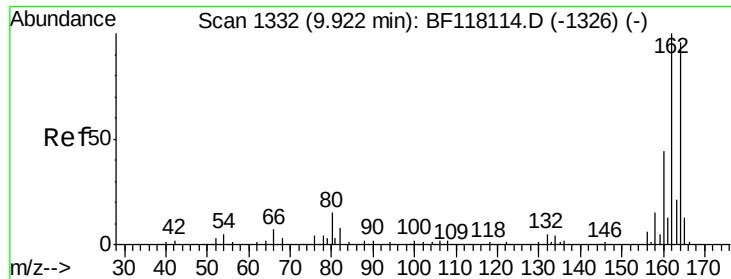
#25
 Isophorone
 Concen: 33.009 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.27 min
 Lab File: BF118195.D
 Acq: 13 Dec 2019 19:27

Tgt Ion: 82 Resp: 445671
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.3 9.5#
 138 0.0 16.3 24.5#



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

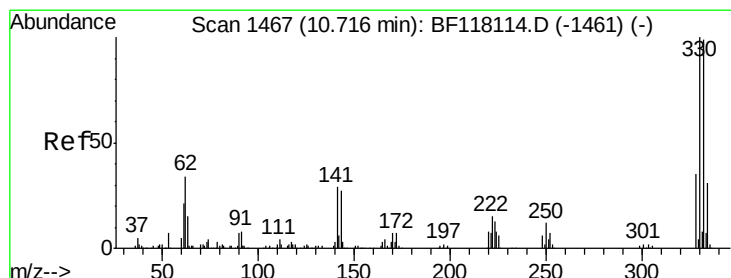
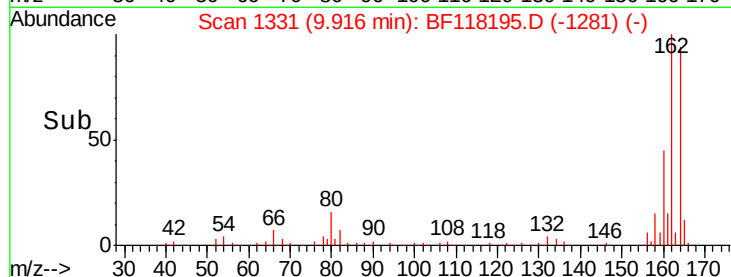
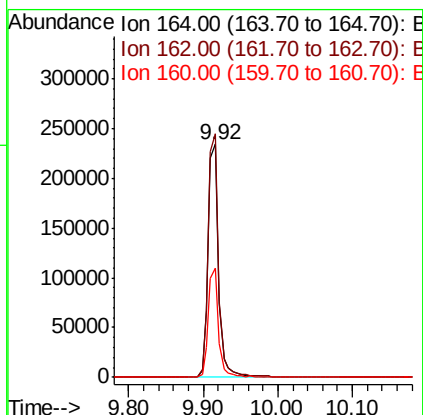
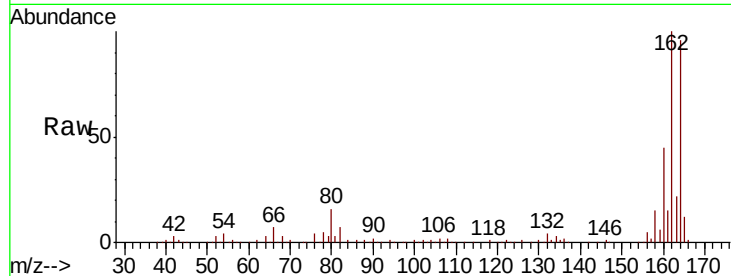




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118195.D
Acq: 13 Dec 2019 19:27

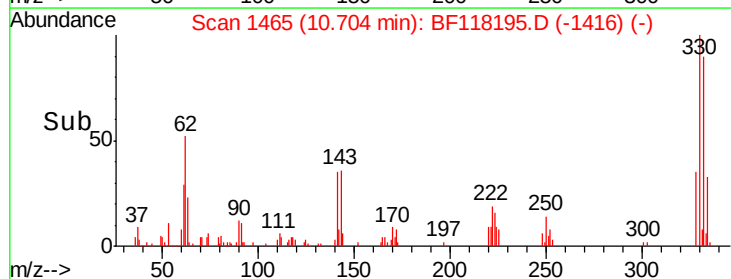
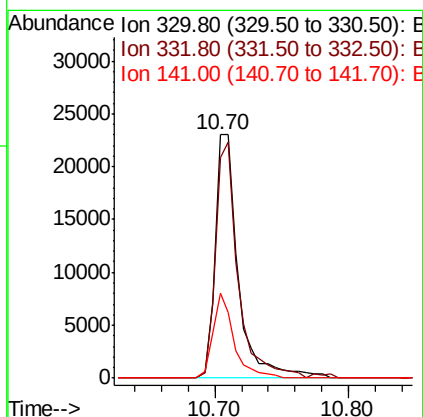
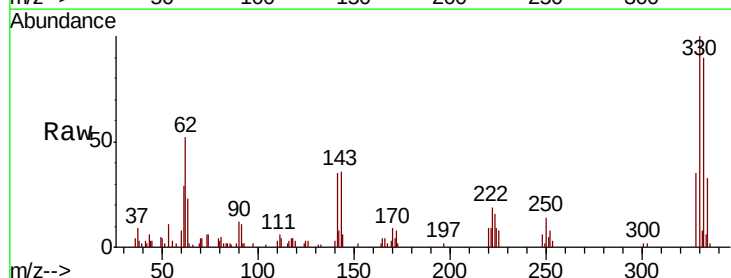
Instrument :
BNA_F
ClientSampleId :

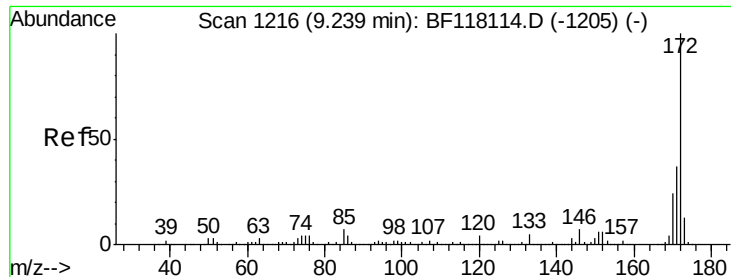
Tot Ion:164 Resp: 233848
Ion Ratio Lower Upper
164 100
162 104.4 83.4 125.0
160 46.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 9.945 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118195.D
Acq: 13 Dec 2019 19:27

Tgt Ion:330 Resp: 28251
Ion Ratio Lower Upper
330 100
332 94.0 78.1 117.1
141 31.3 26.9 40.3

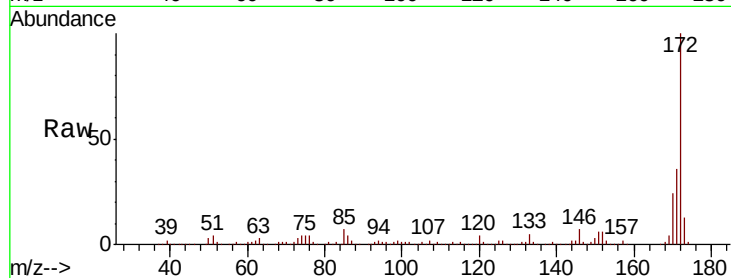




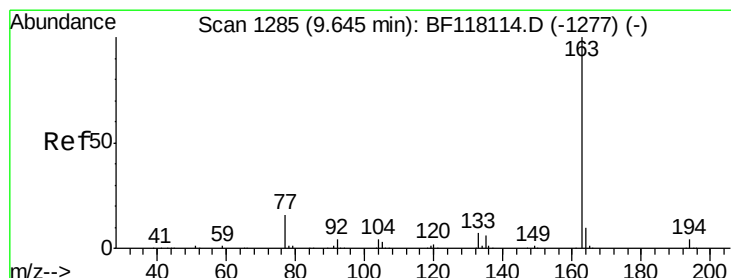
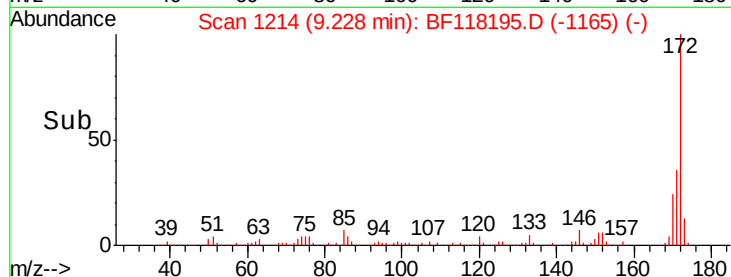
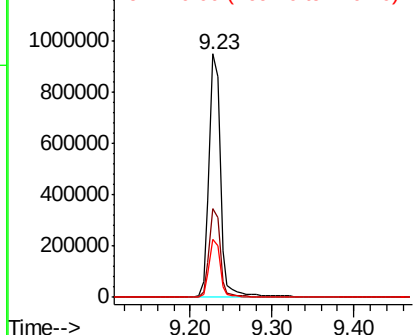
#45
2-Fluorobiphenyl
Concen: 61.064 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118195.D
Acq: 13 Dec 2019 19:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 938443
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.1 19.4 29.2

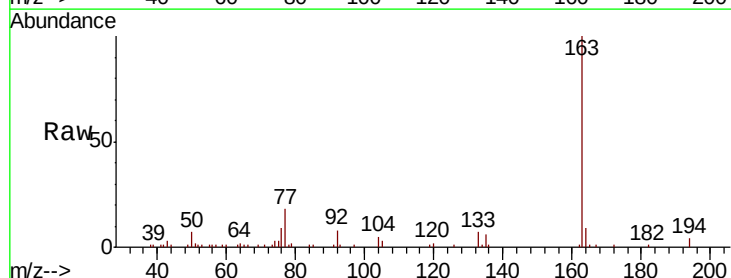


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

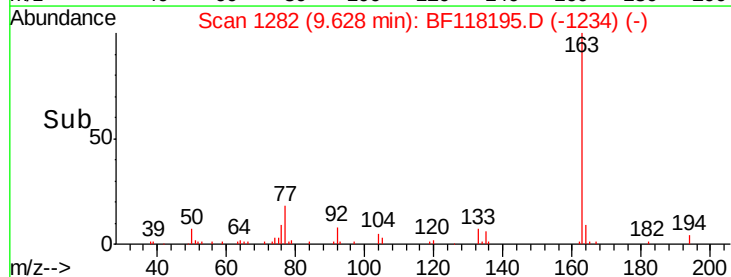
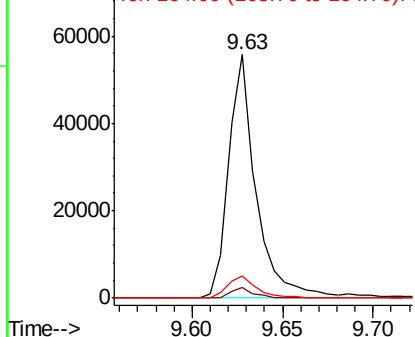


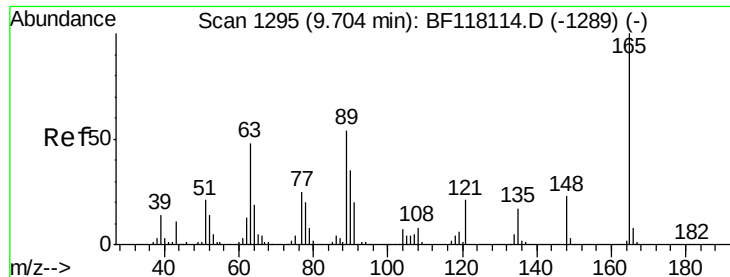
#50
Dimethylphthalate
Concen: 3.401 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118195.D
Acq: 13 Dec 2019 19:27

Tgt Ion:163 Resp: 58752
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 9.1 7.7 11.5



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: 8.006 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.21 min

Lab File: BF118195.D

Acq: 13 Dec 2019 19:27

Instrument :

BNA_F

ClientSampleId :

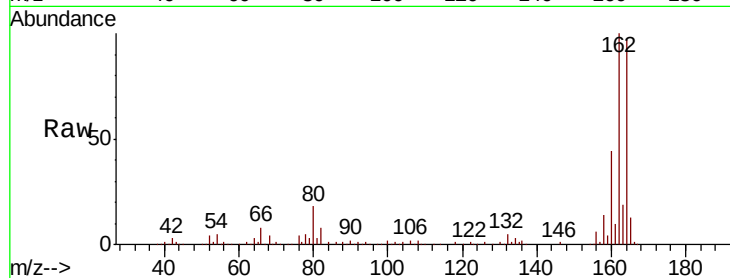
Tot Ion:165 Resp: 30071

Ion Ratio Lower Upper

165 100

63 1.3 41.4 62.0#

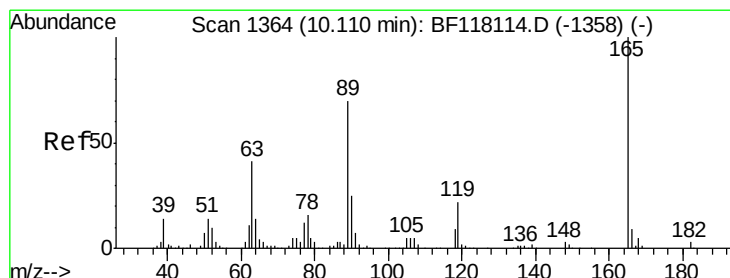
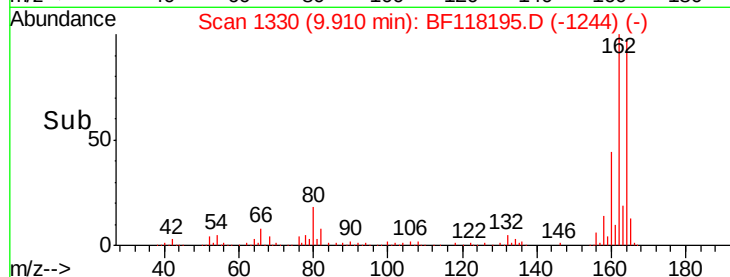
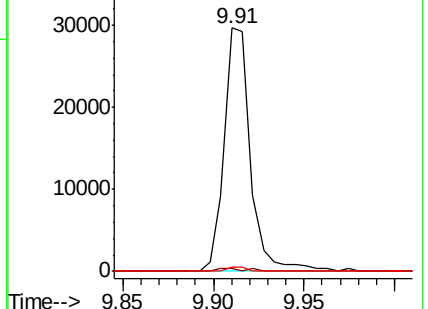
89 1.9 42.9 64.3#



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: 6.019 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.20 min

Lab File: BF118195.D

Acq: 13 Dec 2019 19:27

Tgt Ion:165 Resp: 30173

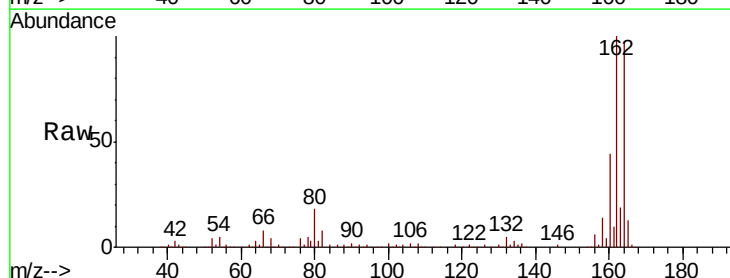
Ion Ratio Lower Upper

165 100

63 1.3 32.6 49.0#

89 1.9 56.1 84.1#

182 0.0 2.1 3.1#

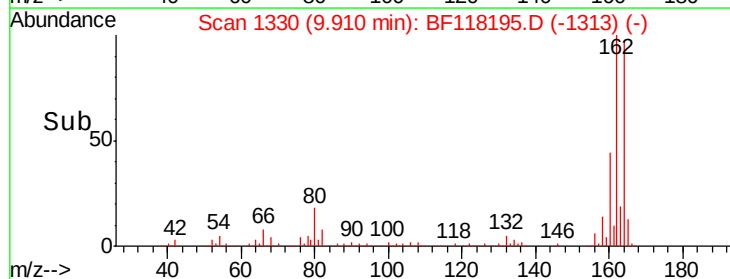
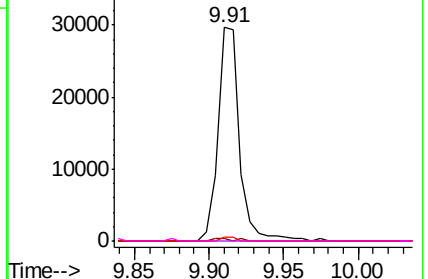


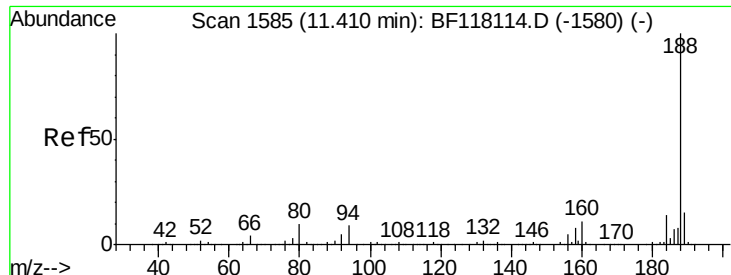
Abundance Ion 165.00 (164.70 to 165.70): E

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

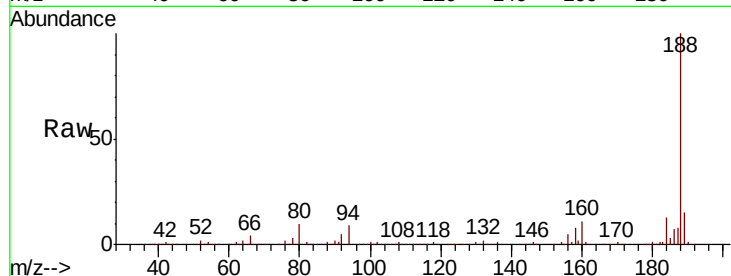




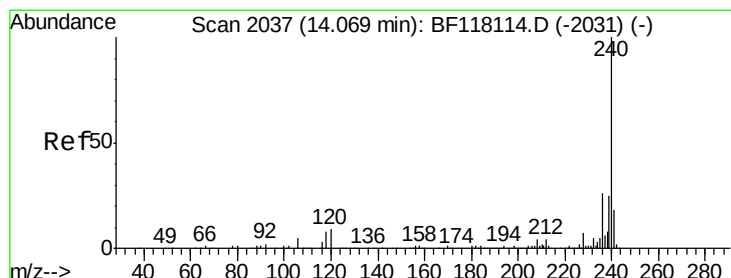
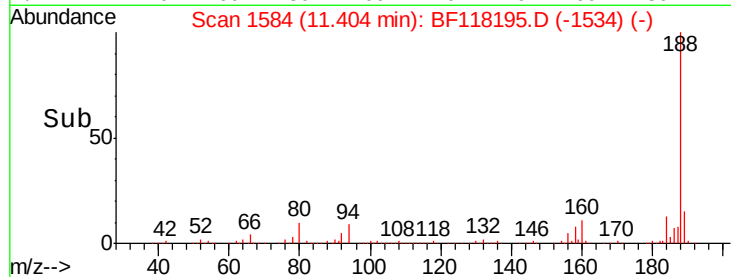
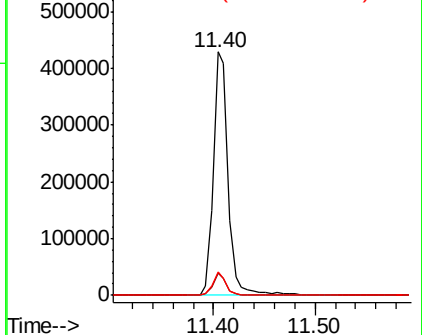
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118195.D
Acq: 13 Dec 2019 19:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 435570
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.6 7.9 11.9

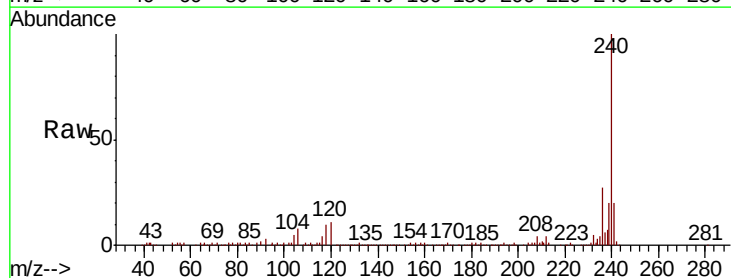


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

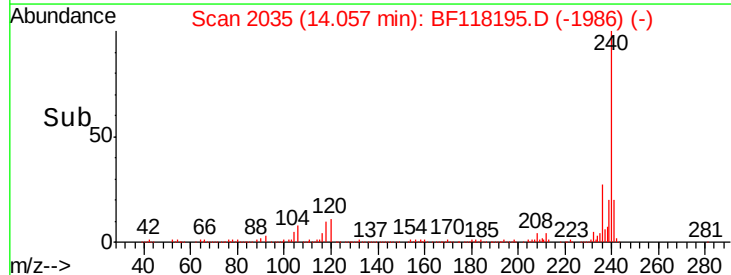
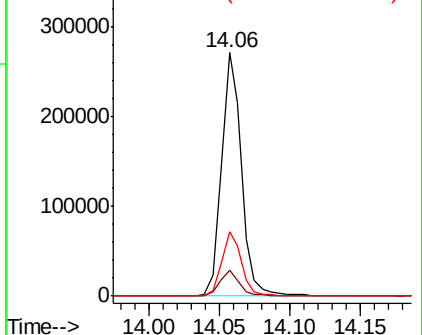


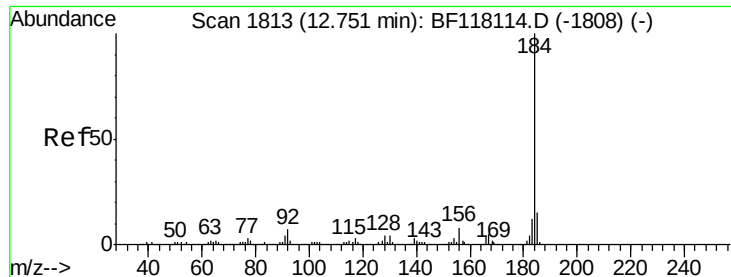
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118195.D
Acq: 13 Dec 2019 19:27

Tgt Ion:240 Resp: 266703
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 26.6 21.0 31.6



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





#77

Benzidine

Concen: 2.100 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.25 min

Lab File: BF118195.D

Acq: 13 Dec 2019 19:27

Instrument :

BNA_F

ClientSampleId :

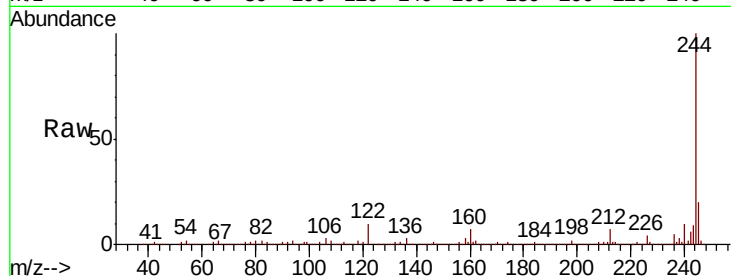
Tot Ion:184 Resp: 14743

Ion Ratio Lower Upper

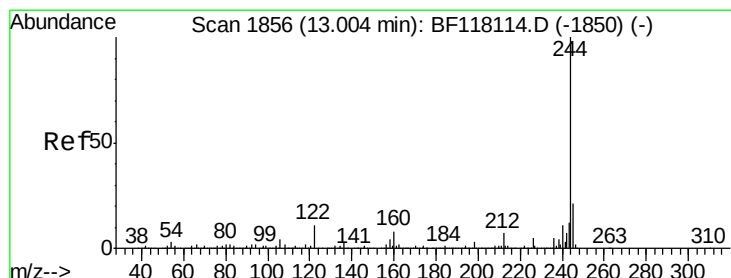
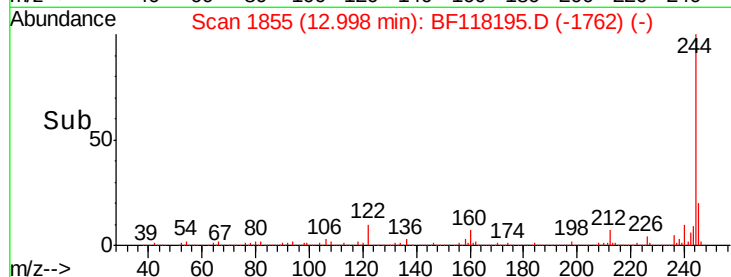
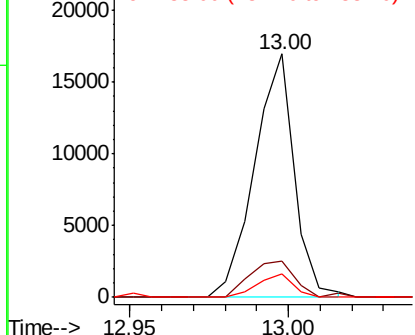
184 100

185 14.9 12.3 18.5

183 9.8 9.9 14.9#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 70.264 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118195.D

Acq: 13 Dec 2019 19:27

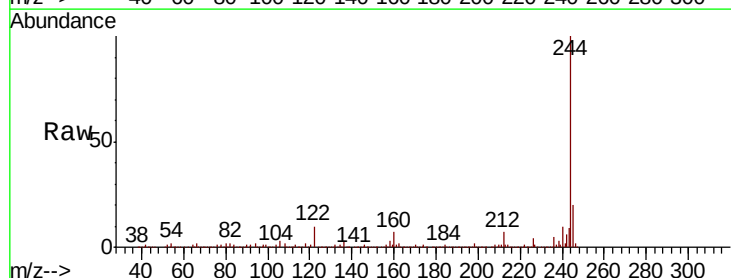
Tgt Ion:244 Resp: 1089755

Ion Ratio Lower Upper

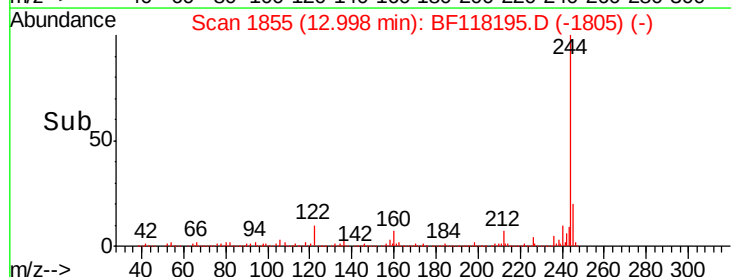
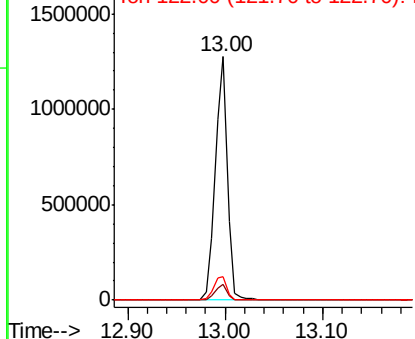
244 100

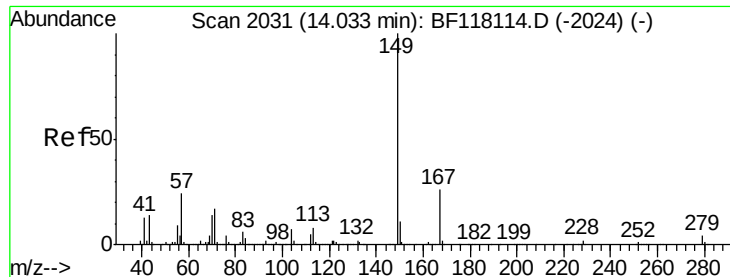
212 6.7 5.9 8.9

122 9.8 9.0 13.6



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

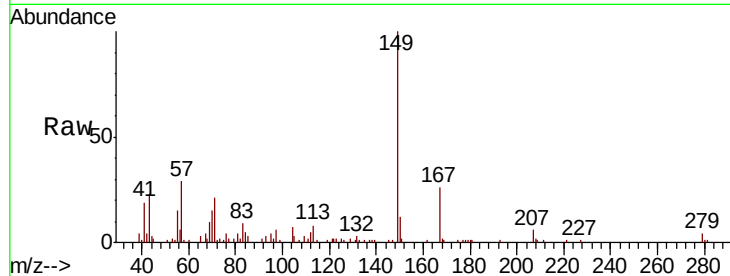




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.345 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF118195.D
 Acq: 13 Dec 2019 19:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.8	31.2
279	4.0	2.9	4.3

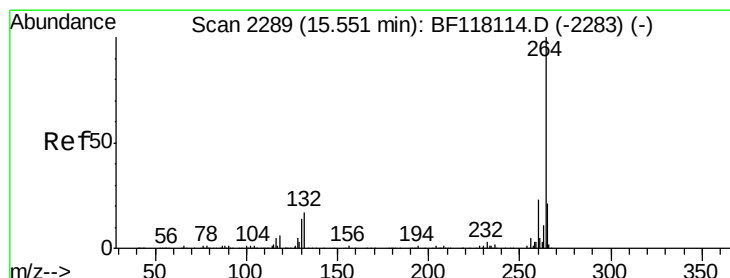
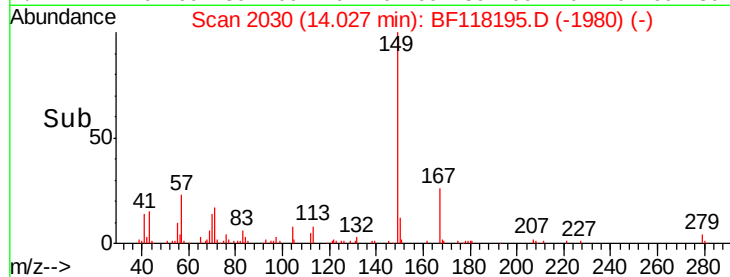
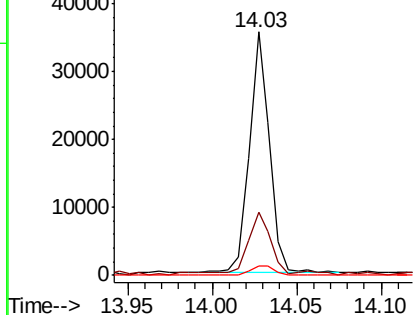


Abundance

Ion 149.00 (148.70 to 149.70): E

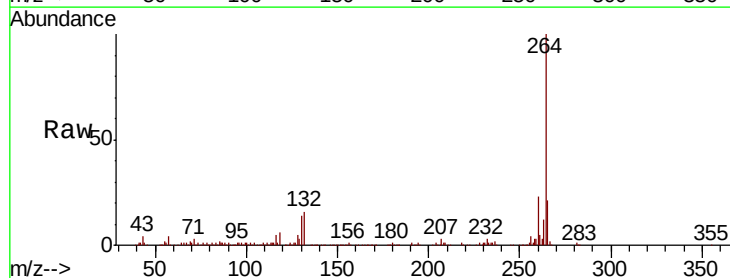
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BF118195.D
 Acq: 13 Dec 2019 19:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.4	16.8	25.2



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

