

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118193.D
 Acq On : 13 Dec 2019 18:31
 Operator : JU
 Sample : K6264-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 22:47:09 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

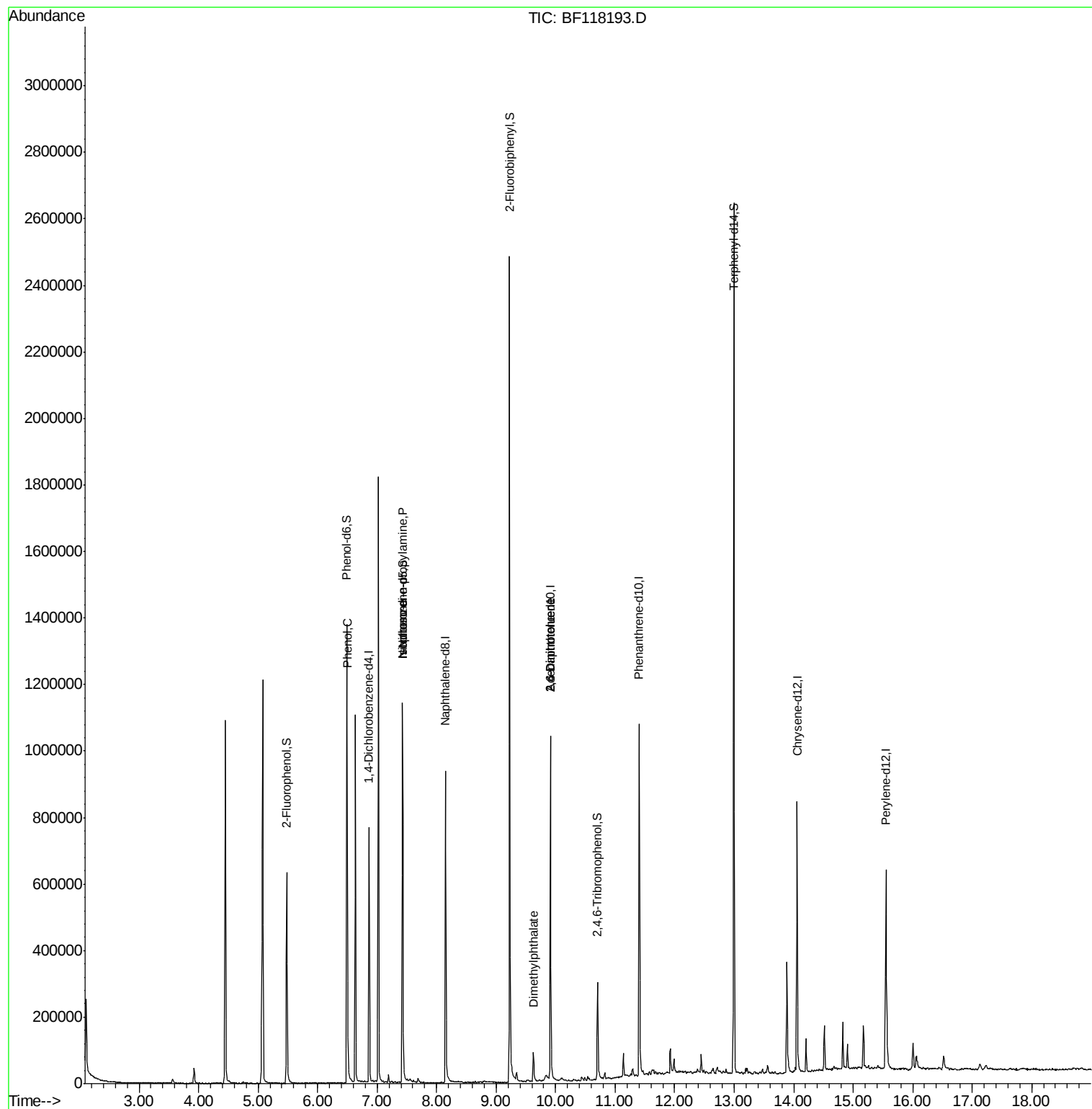
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115317	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	447801	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	236049	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	440246	20.00	ng	0.00
76) Chrysene-d12	14.06	240	279132	20.00	ng	-0.01
87) Perylene-d12	15.55	264	276919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	181453	27.56	ng	0.00
7) Phenol-d6	6.49	99	487600	61.23	ng	0.00
23) Nitrobenzene-d5	7.43	82	367850	46.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	42520	14.83	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	785464	50.63	ng	-0.01
79) Terphenyl-d14	13.00	244	939742	57.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	1020	Below Cal	Qvalue	# 1
10) Phenol	6.50	94	18860	2.077 ng	#	68
19) n-Nitroso-di-n-propylamine	7.43	70	50078	10.349 ng	#	75
25) Isophorone	7.43	82	367847	27.261 ng	#	62
50) Dimethylphthalate	9.63	163	45677	2.620 ng		99
51) 2,6-Dinitrotoluene	9.91	165	30554	8.059 ng	#	27
57) 2,4-Dinitrotoluene	9.91	165	30554	6.038 ng	#	25

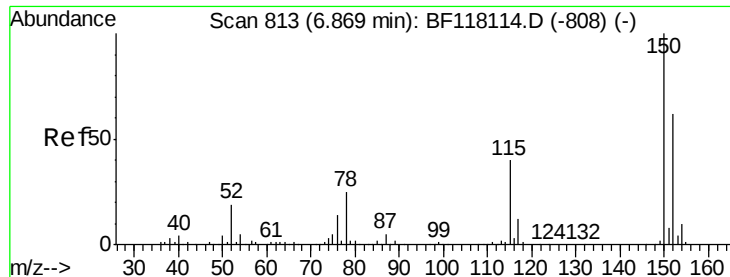
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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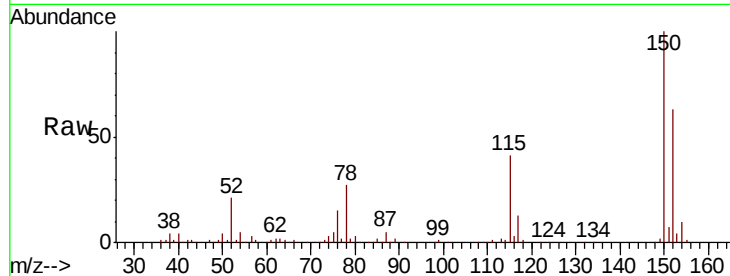


#1

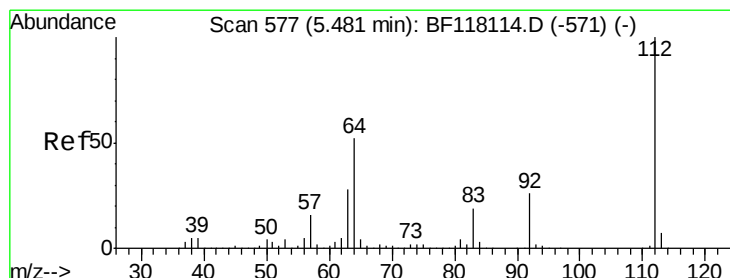
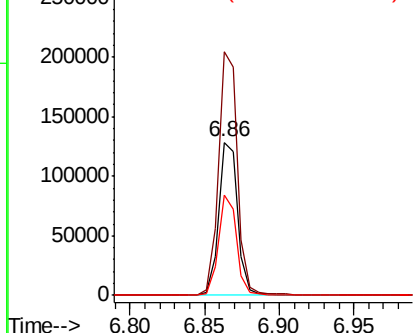
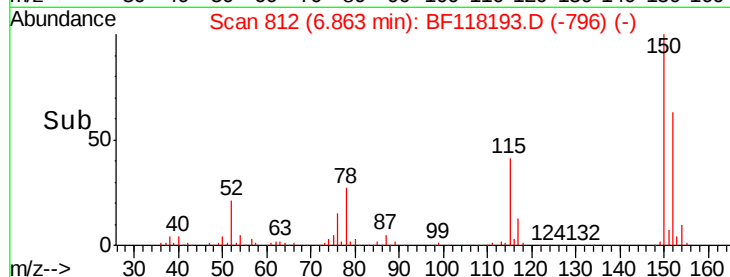
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118193.D
Acq: 13 Dec 2019 18:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 115317
Ion Ratio Lower Upper
152 100
150 158.9 128.3 192.5
115 65.2 51.1 76.7



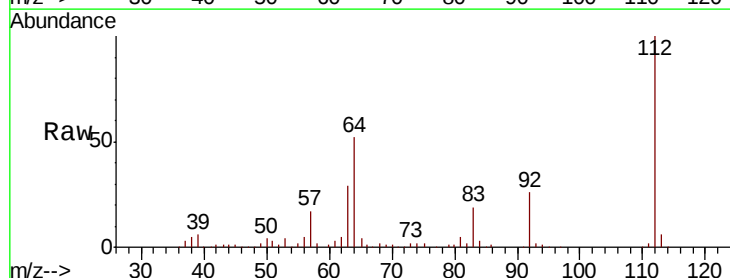
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



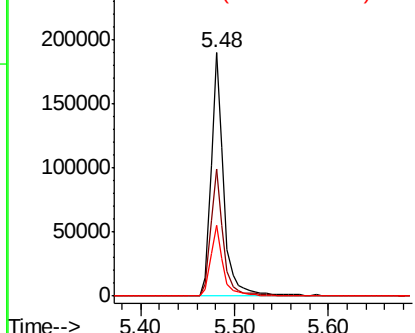
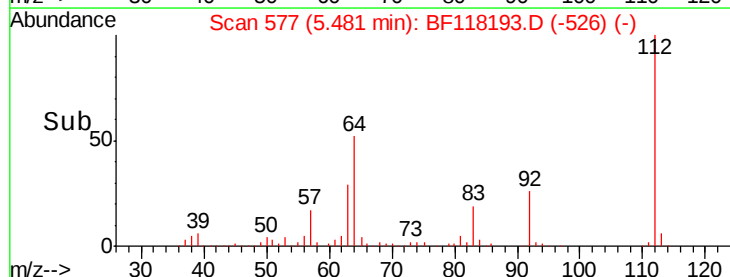
#5

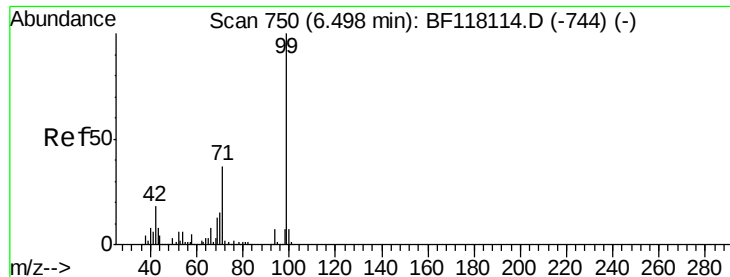
2-Fluorophenol
Concen: 27.560 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118193.D
Acq: 13 Dec 2019 18:31

Tgt Ion:112 Resp: 181453
Ion Ratio Lower Upper
112 100
64 52.5 41.3 61.9
63 29.3 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: 61.229 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118193.D

Acq: 13 Dec 2019 18:31

Instrument :

BNA_F

ClientSampleId :

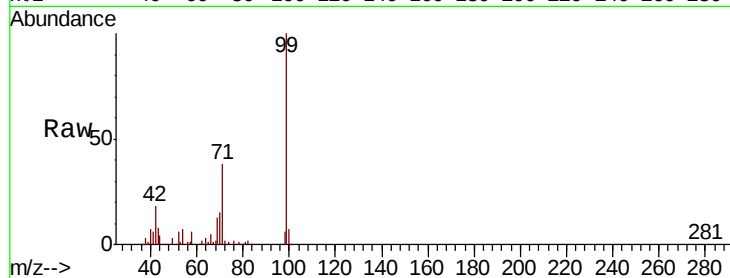
Tot Ion: 99 Resp: 487600

Ion Ratio Lower Upper

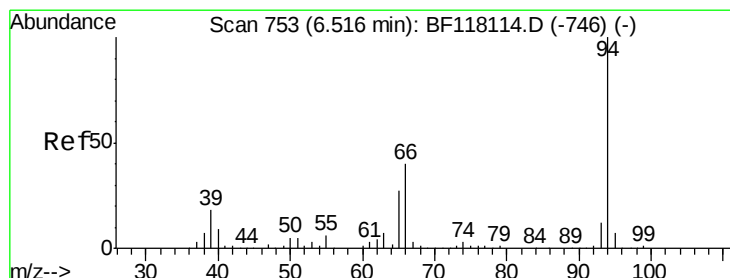
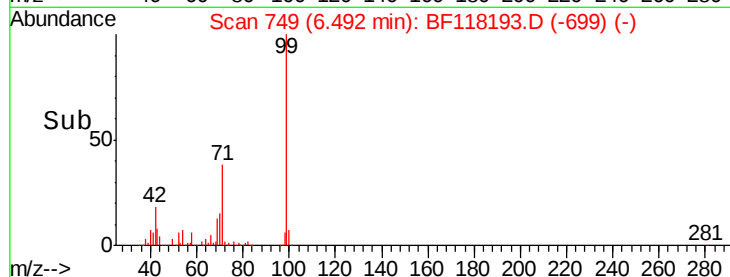
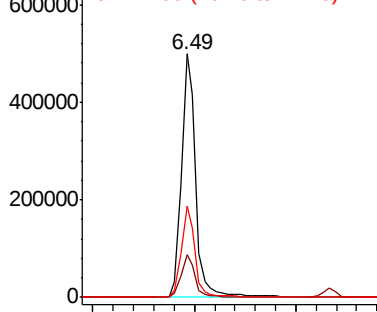
99 100

42 17.7 14.1 21.1

71 37.5 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: 2.077 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118193.D

Acq: 13 Dec 2019 18:31

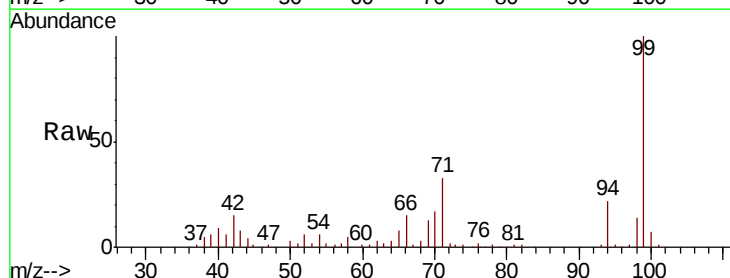
Tgt Ion: 94 Resp: 18860

Ion Ratio Lower Upper

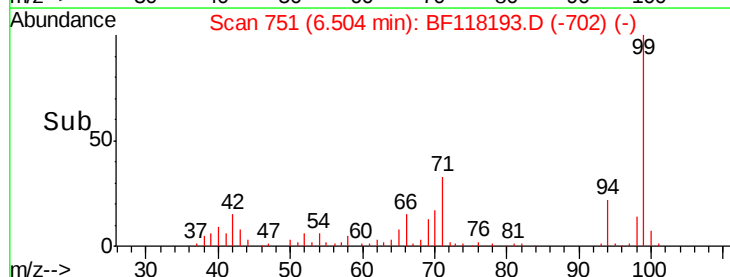
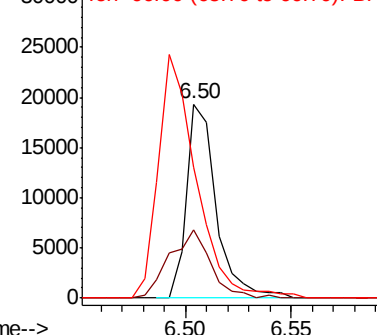
94 100

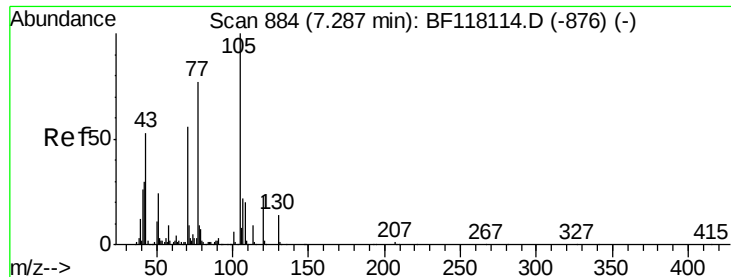
65 35.0 7.3 47.3

66 67.4 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

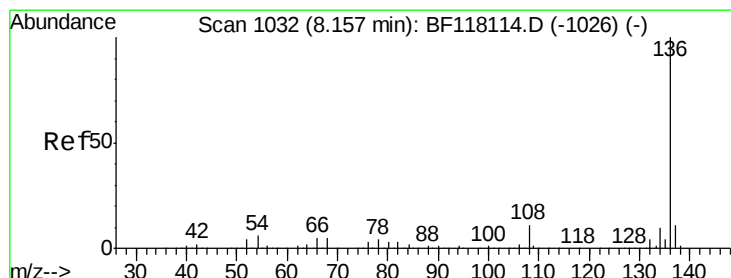
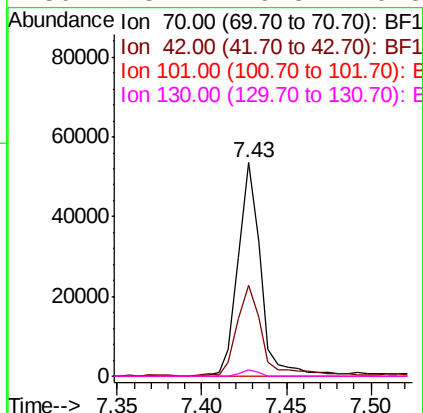
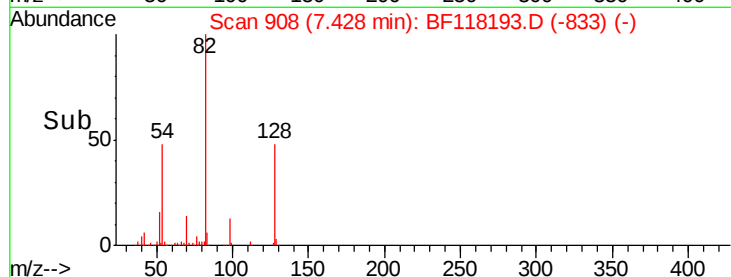
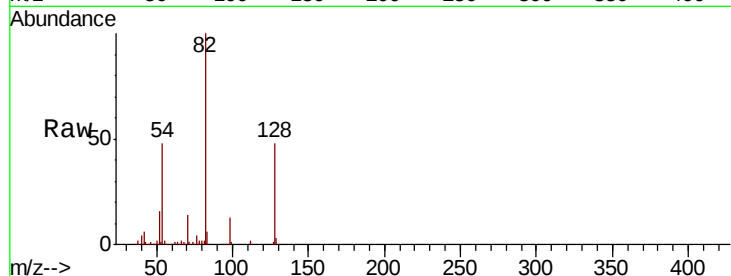




#19
n-Nitroso-di-n-propylamine
Concen: 10.349 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF118193.D
Acq: 13 Dec 2019 18:31

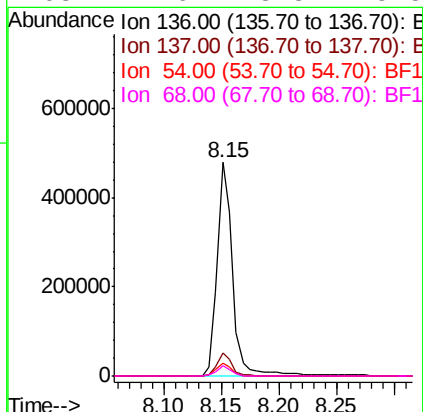
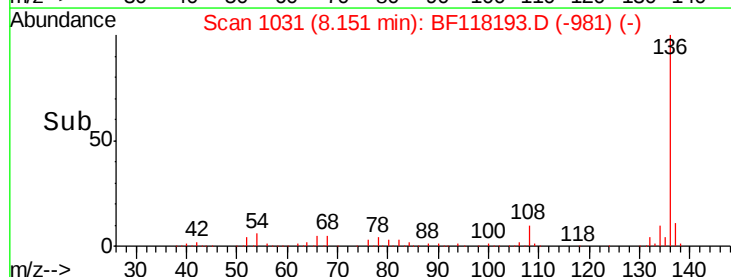
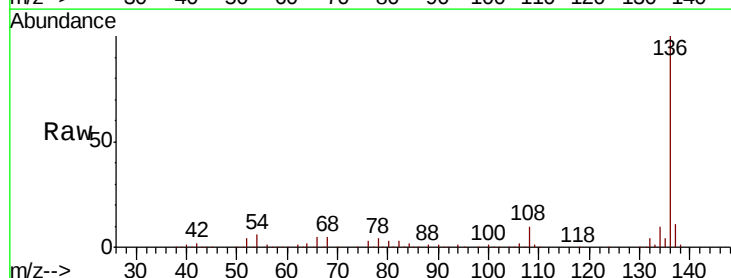
Instrument :
BNA_F
ClientSampleId :

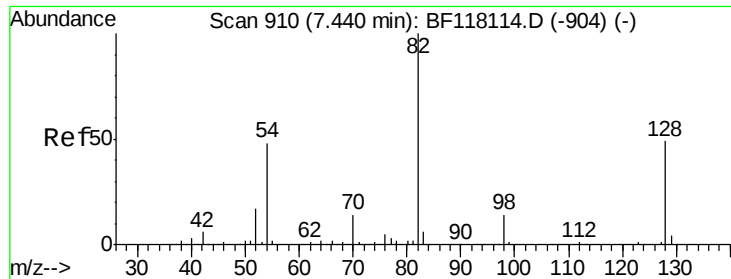
Tot Ion: 70 Resp: 50078
Ion Ratio Lower Upper
70 100
42 42.7 43.2 64.8#
101 0.0 8.1 12.1#
130 3.2 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118193.D
Acq: 13 Dec 2019 18:31

Tgt Ion: 136 Resp: 447801
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 6.2 5.0 7.6
68 4.6 3.8 5.8

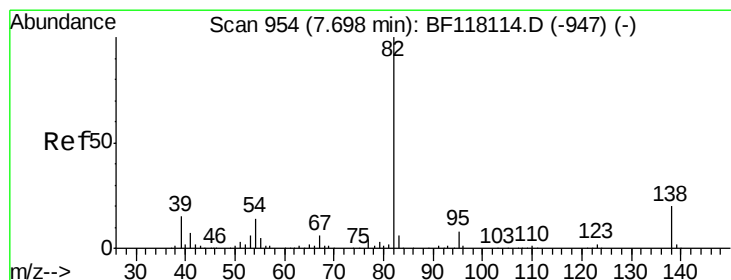
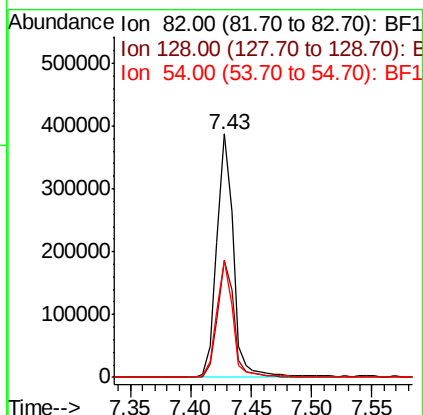
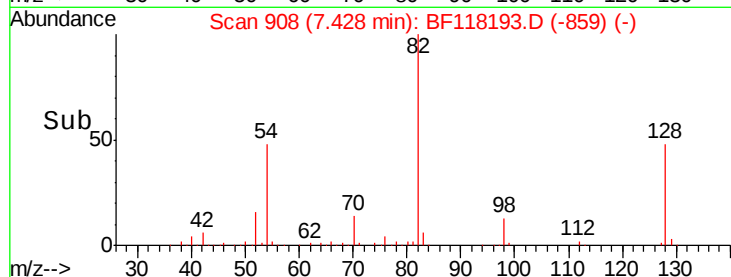
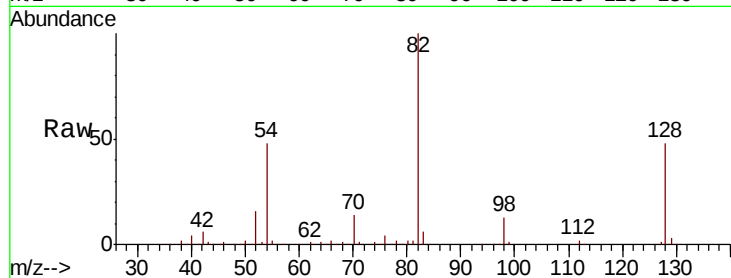




#23
Nitrobenzene-d5
Concen: 46.213 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118193.D
Acq: 13 Dec 2019 18:31

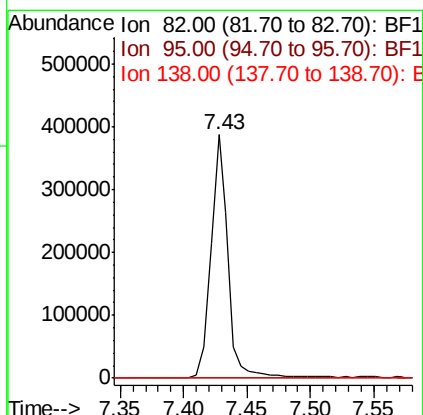
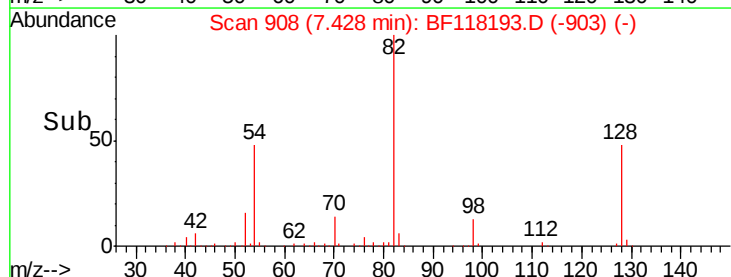
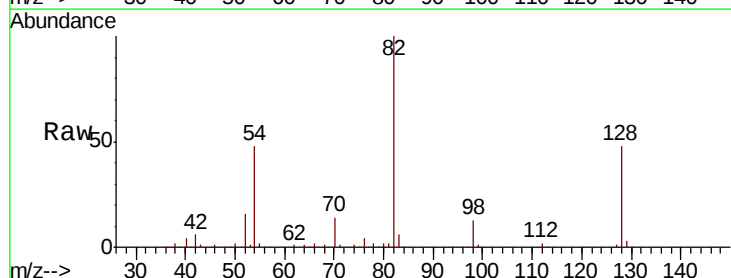
Instrument :
BNA_F
ClientSampleId :

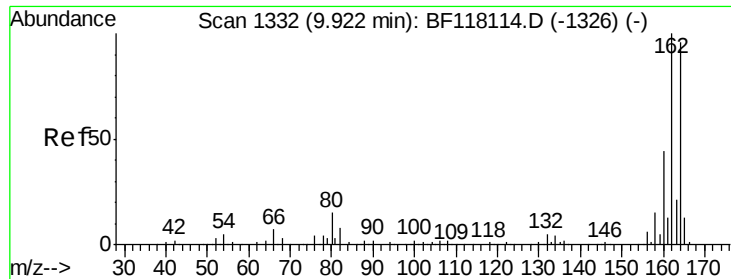
Tot Ion: 82 Resp: 367850
Ion Ratio Lower Upper
82 100
128 47.9 39.1 58.7
54 48.1 38.2 57.2



#25
Isophorone
Concen: 27.261 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.27 min
Lab File: BF118193.D
Acq: 13 Dec 2019 18:31

Tgt Ion: 82 Resp: 367847
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 16.3 24.5#

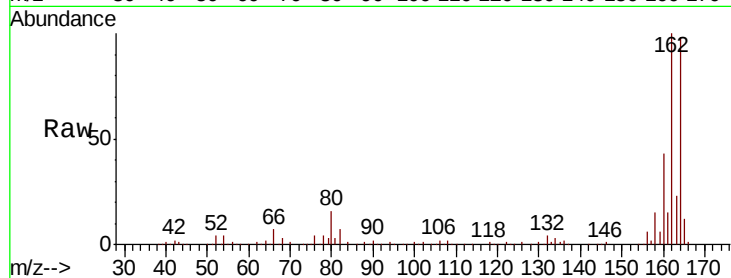




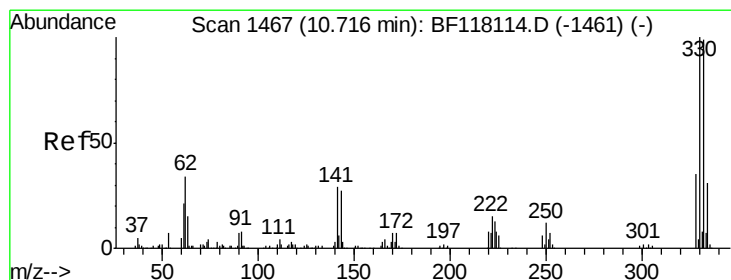
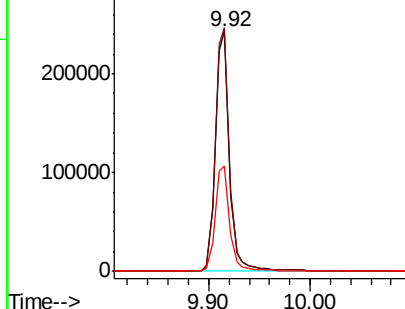
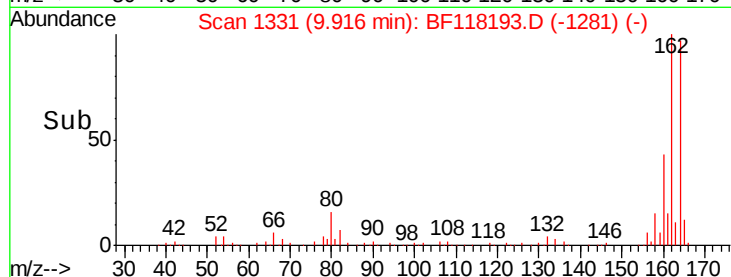
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118193.D
Acq: 13 Dec 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 236049
Ion Ratio Lower Upper
164 100
162 101.7 83.4 125.0
160 44.0 36.6 54.8

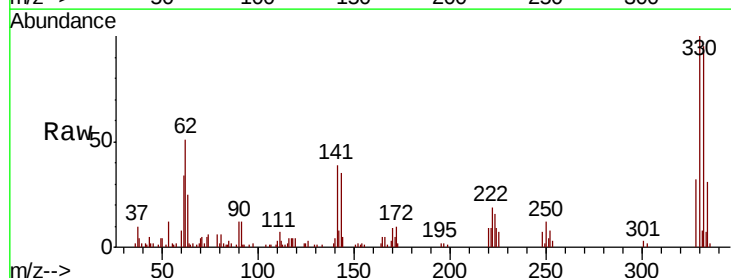


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

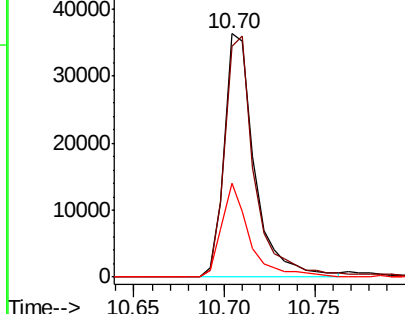
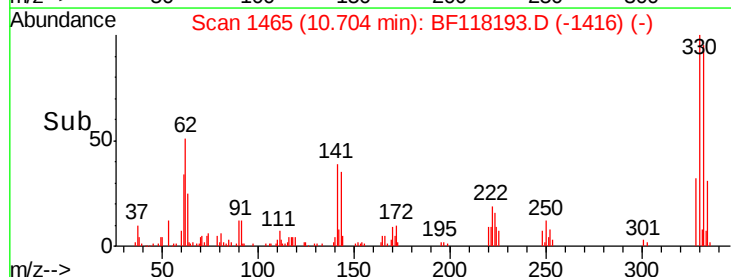


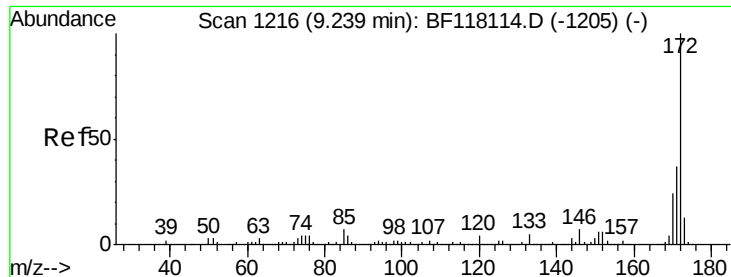
#42
2,4,6-Tribromophenol
Concen: 14.828 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118193.D
Acq: 13 Dec 2019 18:31

Tgt Ion:330 Resp: 42520
Ion Ratio Lower Upper
330 100
332 99.6 78.1 117.1
141 35.5 26.9 40.3



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

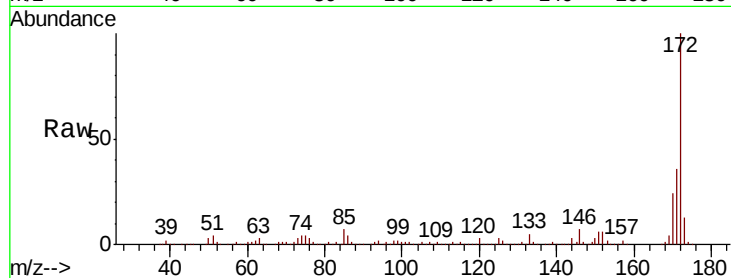




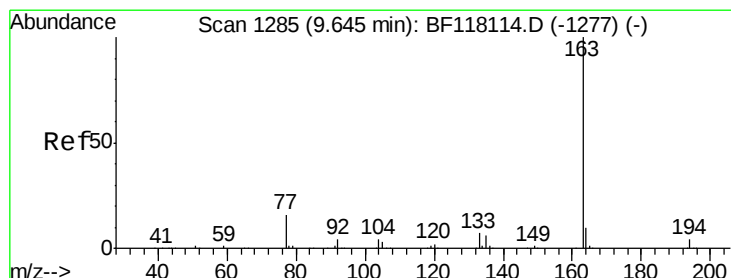
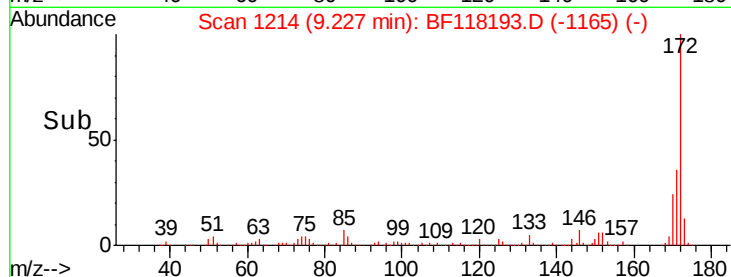
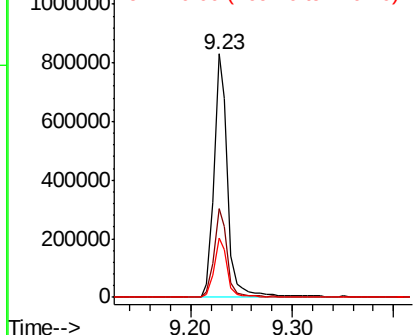
#45
2-Fluorobiphenyl
Concen: 50.633 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118193.D
Acq: 13 Dec 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.1	19.4	29.2

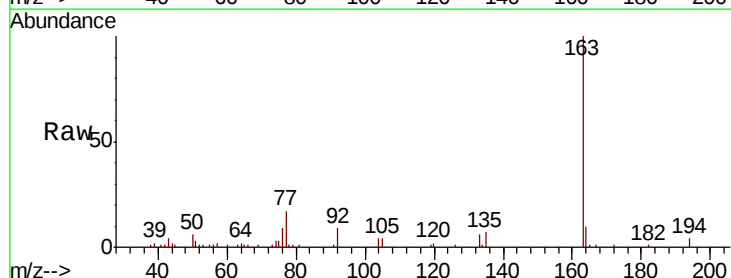


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

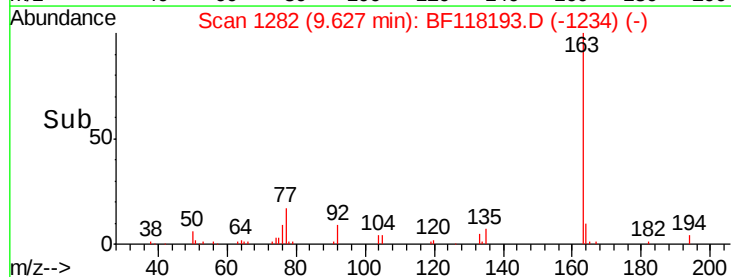
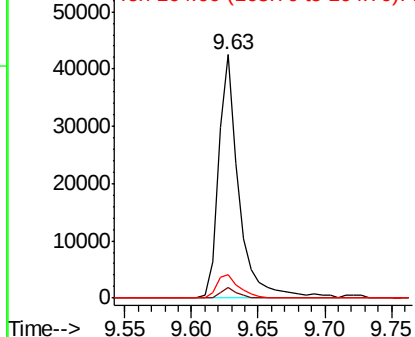


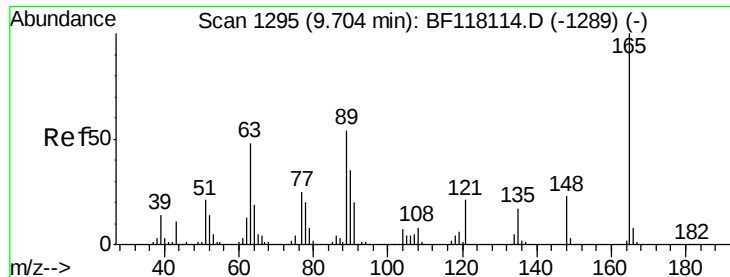
#50
Dimethylphthalate
Concen: 2.620 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118193.D
Acq: 13 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.1	4.7
164	9.9	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

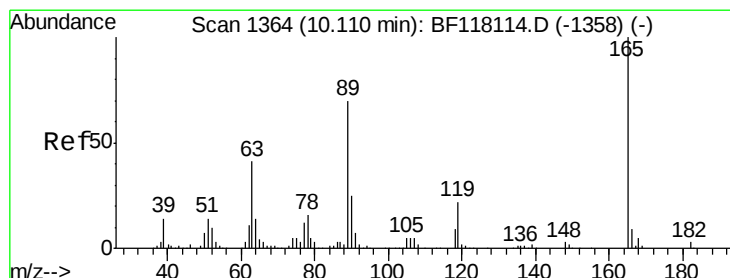
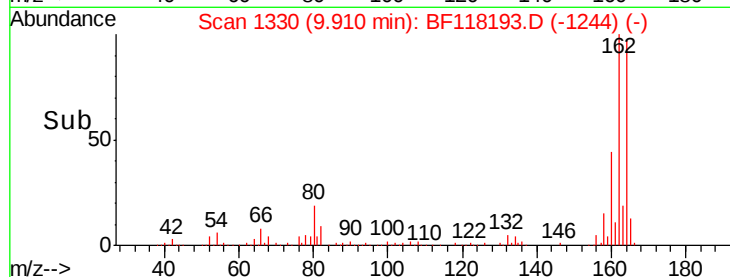
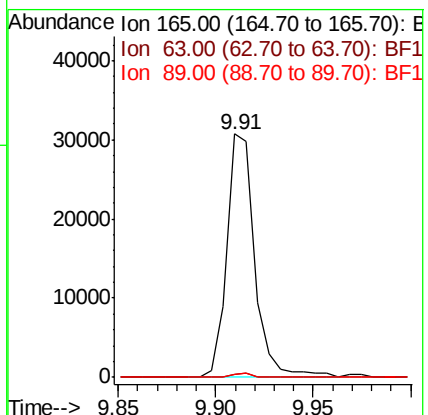
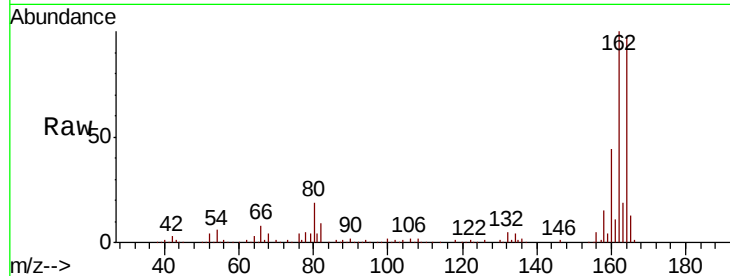




#51
 2,6-Dinitrotoluene
 Concen: 8.059 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF118193.D
 Acq: 13 Dec 2019 18:31

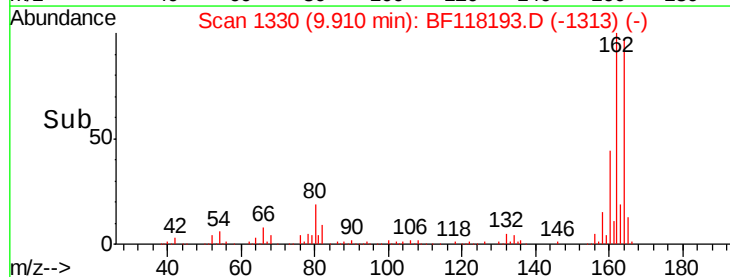
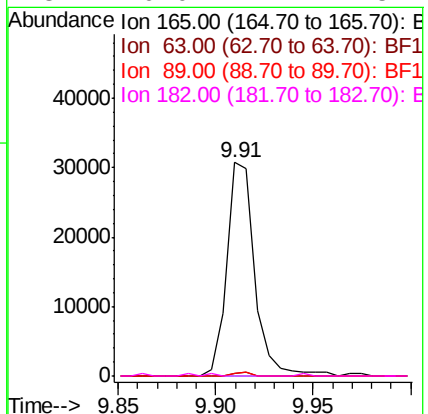
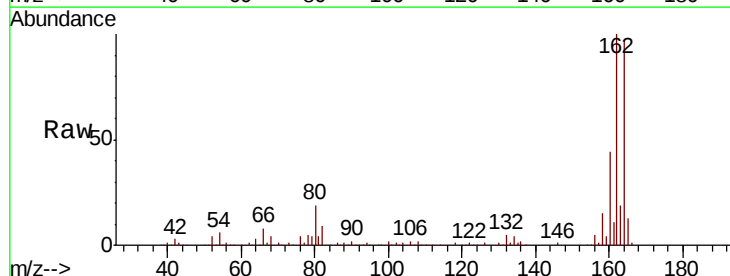
Instrument :
 BNA_F
 ClientSampleId :

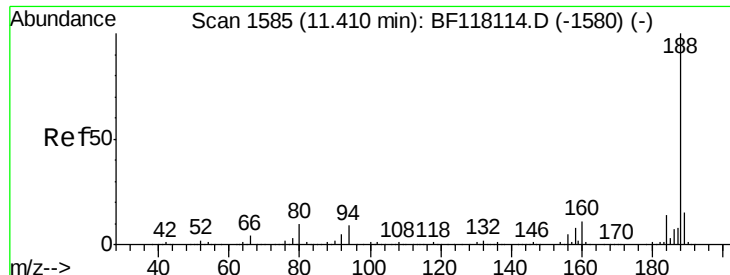
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.4	62.0#
89	1.3	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.038 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF118193.D
 Acq: 13 Dec 2019 18:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.6	49.0#
89	1.3	56.1	84.1#
182	0.0	2.1	3.1#

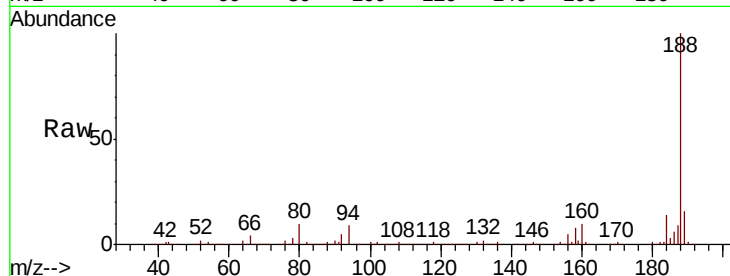




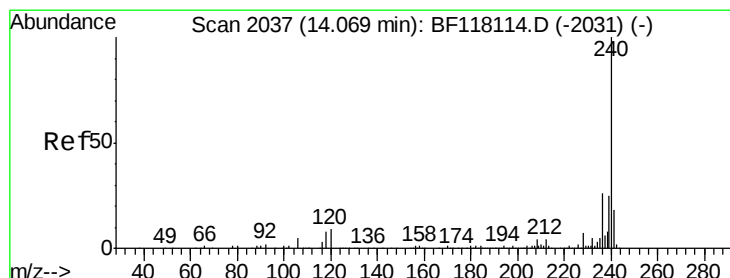
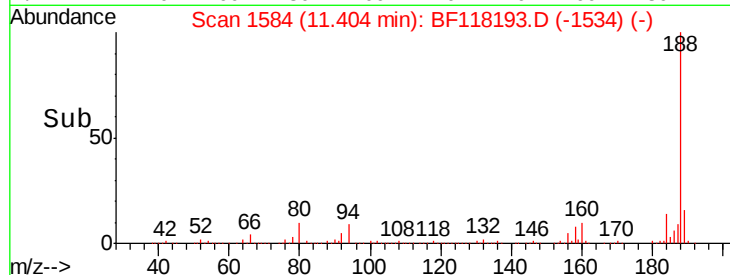
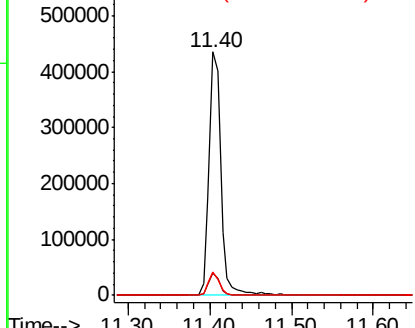
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118193.D
Acq: 13 Dec 2019 18:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 440246
Ion Ratio Lower Upper
188 100
94 9.0 7.1 10.7
80 9.9 7.9 11.9

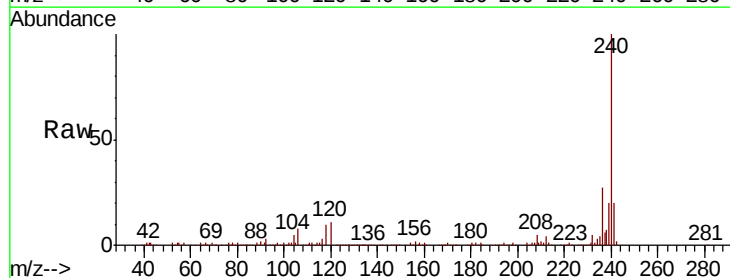


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

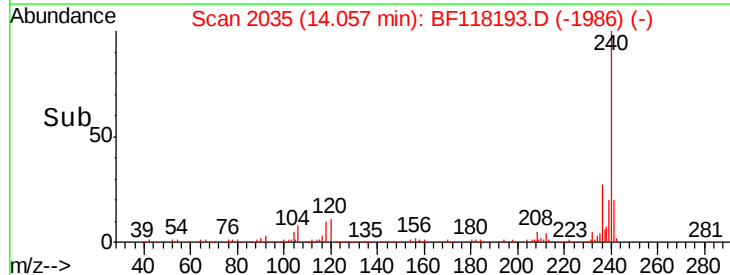
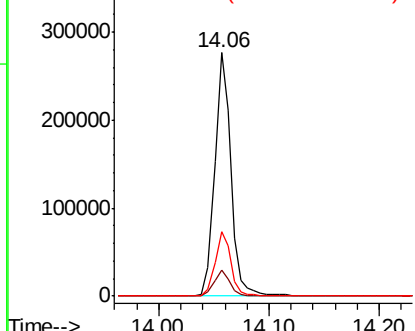


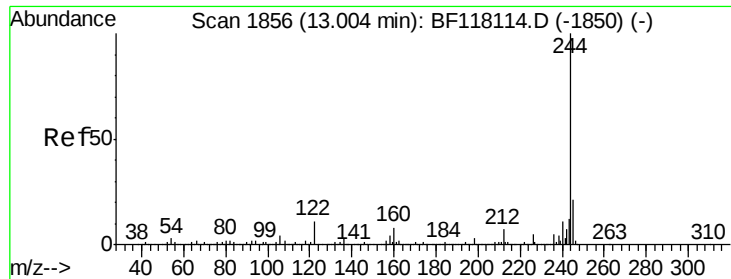
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118193.D
Acq: 13 Dec 2019 18:31

Tgt Ion:240 Resp: 279132
Ion Ratio Lower Upper
240 100
120 10.9 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





#79

Terphenyl-d14

Concen: 57.894 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118193.D

Acq: 13 Dec 2019 18:31

Instrument :

BNA_F

ClientSampleId :

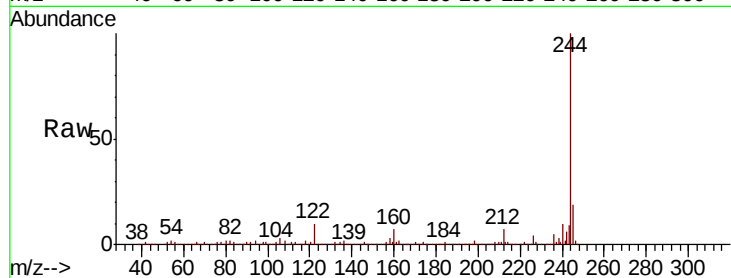
Tot Ion:244 Resp: 939742

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

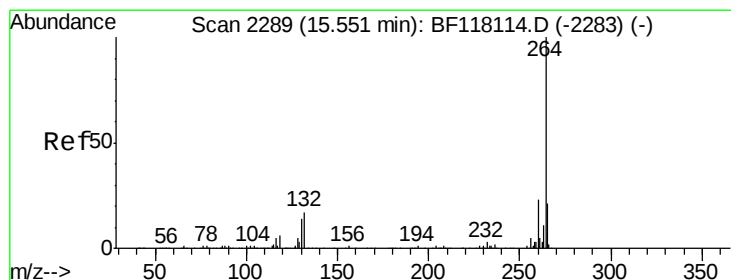
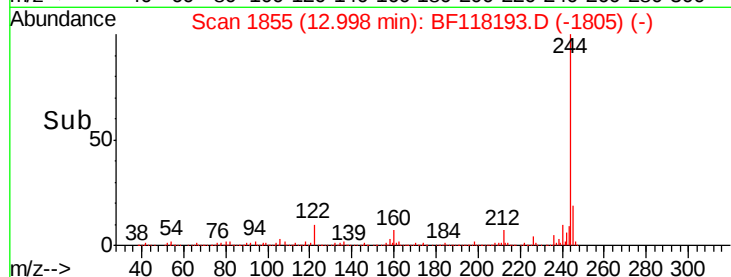
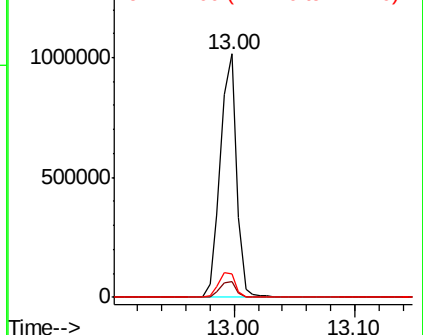
122 9.9 9.0 13.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BF118193.D

Acq: 13 Dec 2019 18:31

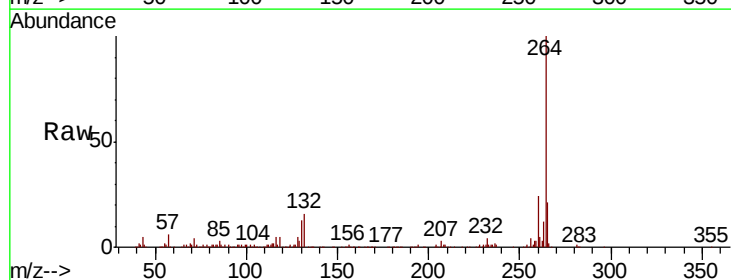
Tgt Ion:264 Resp: 276919

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.5 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

