

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119263.D
 Acq On : 6 Mar 2020 21:39
 Operator : CG/JU
 Sample : L1753-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:50:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

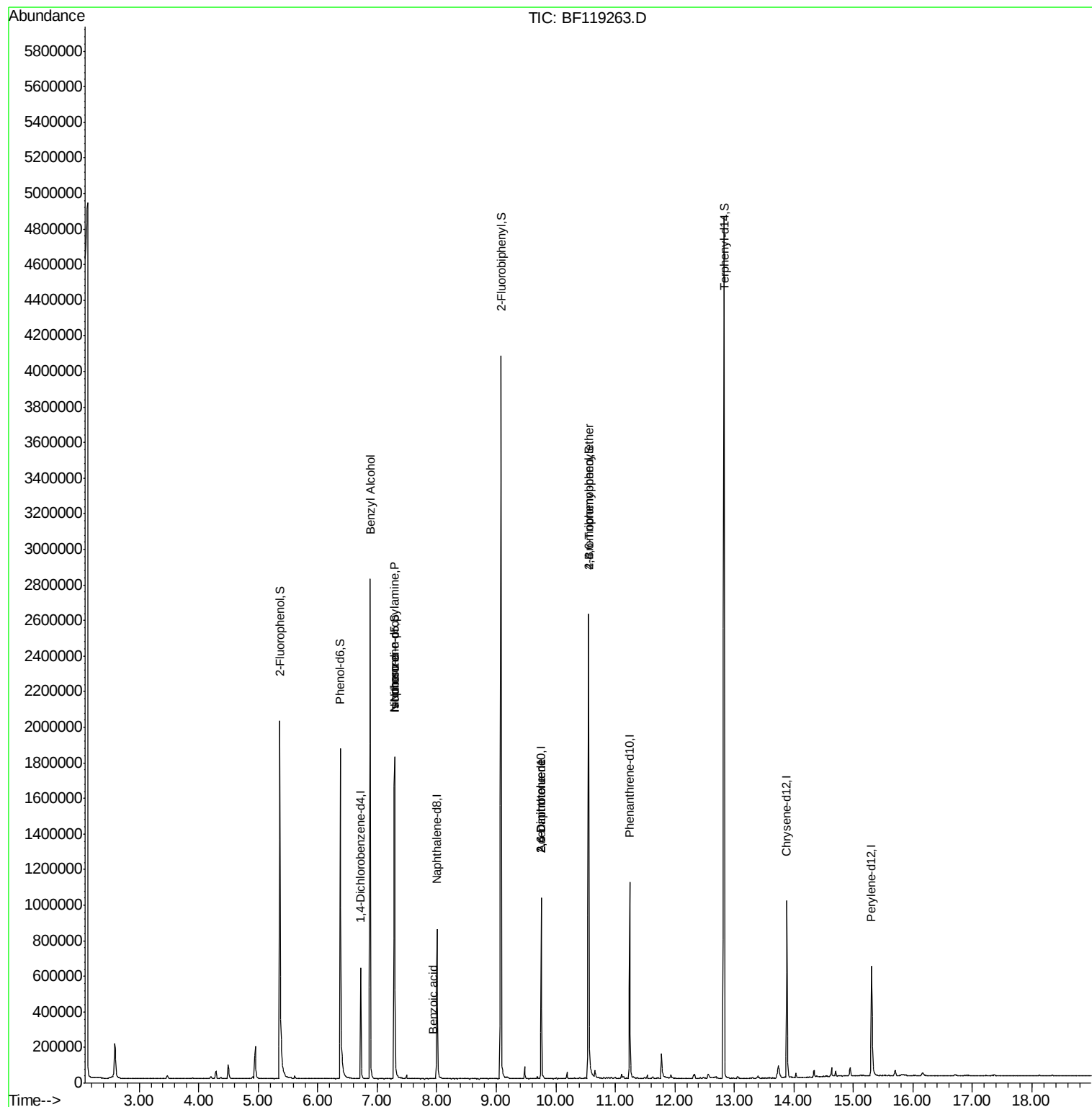
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	105031	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	397946	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	221249	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	421072	20.00	ng	0.00
76) Chrysene-d12	13.88	240	349942	20.00	ng	0.00
87) Perylene-d12	15.30	264	333156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	726670	115.62	ng	0.01
7) Phenol-d6	6.38	99	749532	98.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	683719	90.72	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	399053	137.88	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1344995	89.56	ng	0.00
79) Terphenyl-d14	12.83	244	1900877	93.52	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.88	79	11486	2.079	ng	# 49
19) n-Nitroso-di-n-propylamine	7.29	70	94164	21.142	ng	# 74
25) Isophorone	7.29	82	683715	52.235	ng	# 63
32) Benzoic acid	7.94	122	221	6.729	ng	# 36
51) 2,6-Dinitrotoluene	9.76	165	28308	7.531	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	28308	5.810	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	26308	4.780	ng	# 1

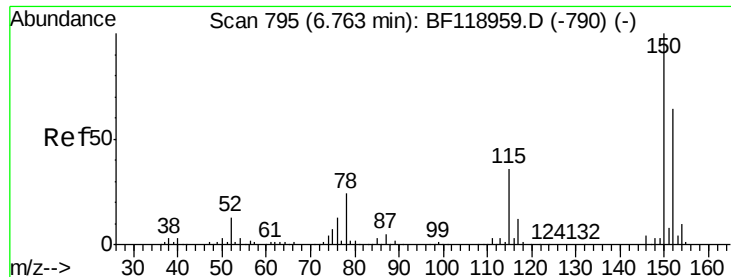
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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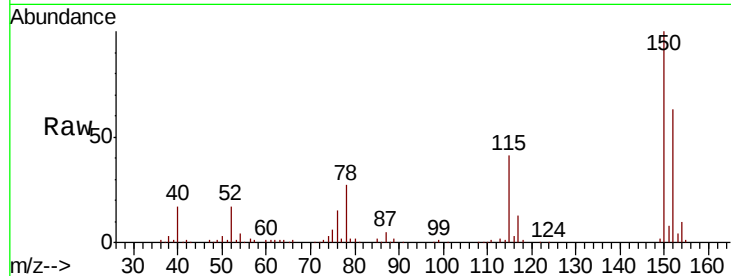


#1

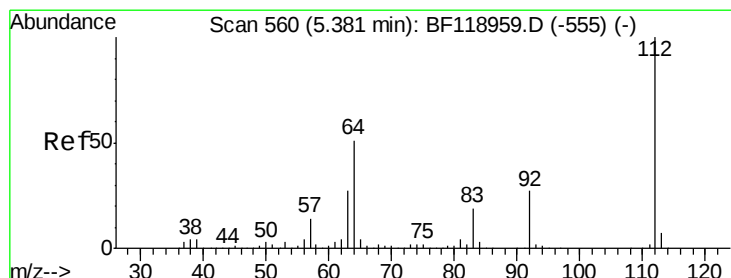
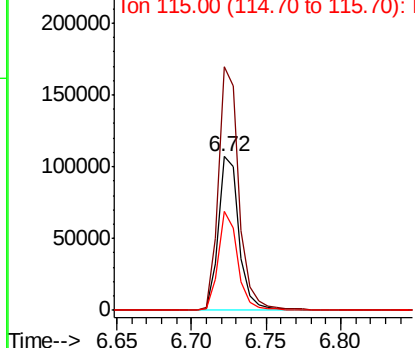
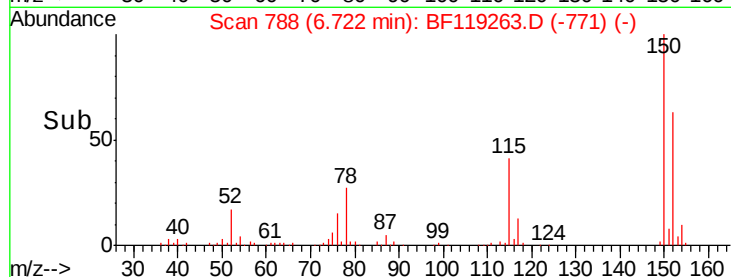
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105031
Ion Ratio Lower Upper
152 100
150 158.4 123.0 184.6
115 64.8 49.5 74.3



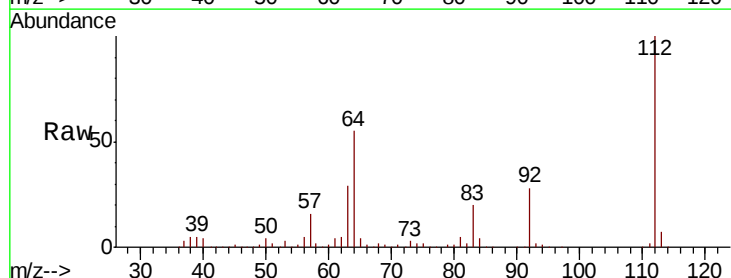
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



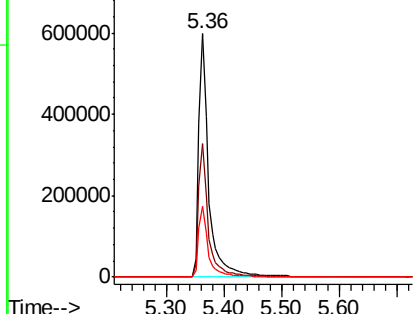
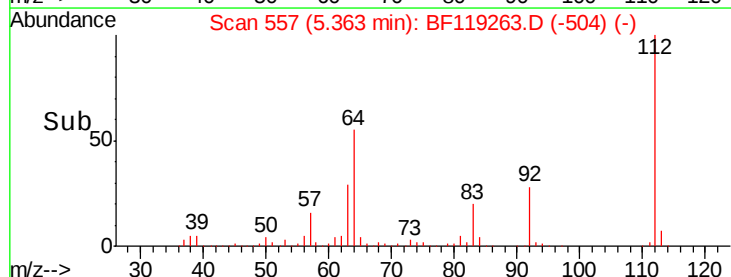
#5

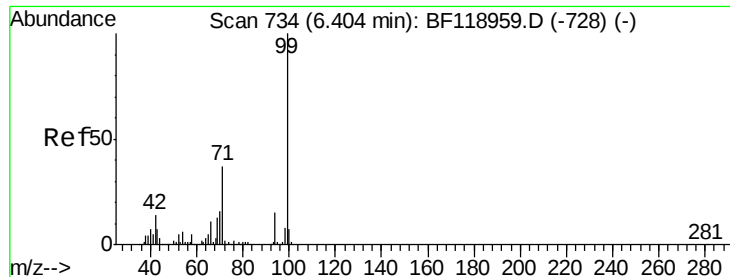
2-Fluorophenol
Concen: 115.622 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

Tgt Ion:112 Resp: 726670
Ion Ratio Lower Upper
112 100
64 54.6 45.0 67.4
63 29.1 24.2 36.4



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: 98.061 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119263.D

Acq: 6 Mar 2020 21:39

Instrument :

BNA_F

ClientSampleId :

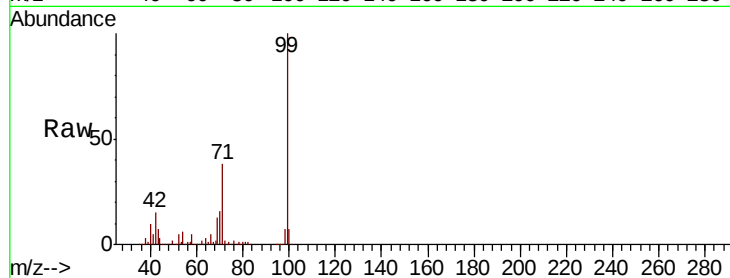
Tot Ion: 99 Resp: 749532

Ion Ratio Lower Upper

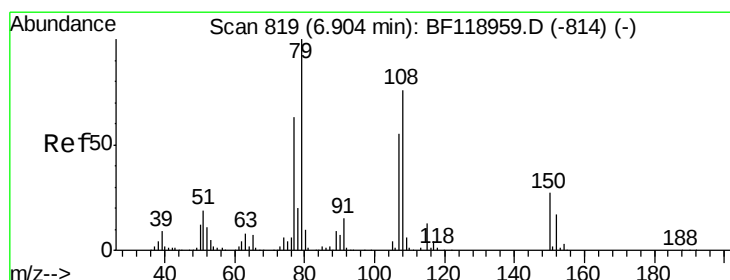
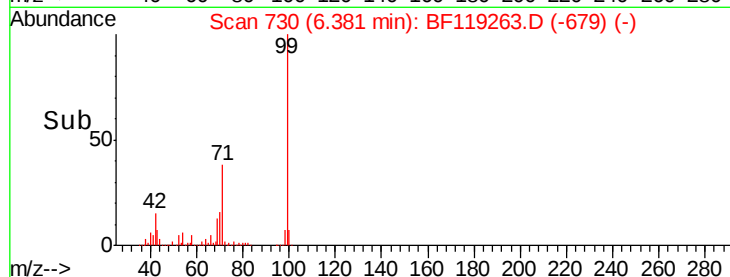
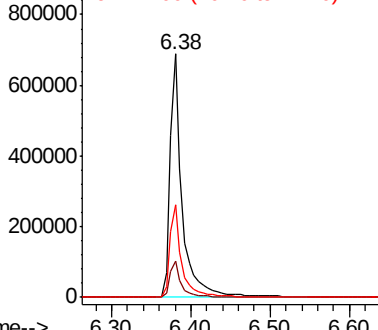
99 100

42 14.8 12.6 18.8

71 38.2 31.0 46.4



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



#15

Benzyl Alcohol

Concen: 2.079 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF119263.D

Acq: 6 Mar 2020 21:39

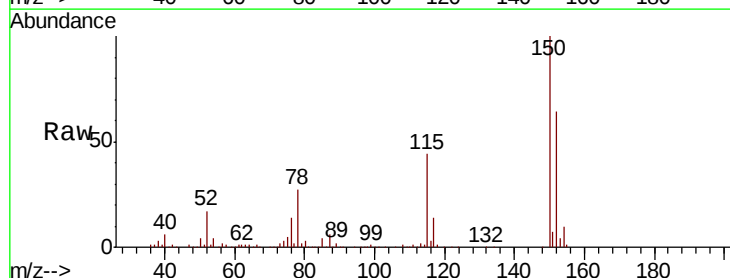
Tgt Ion: 79 Resp: 11486

Ion Ratio Lower Upper

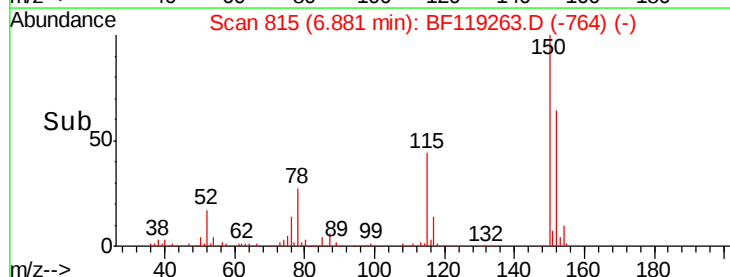
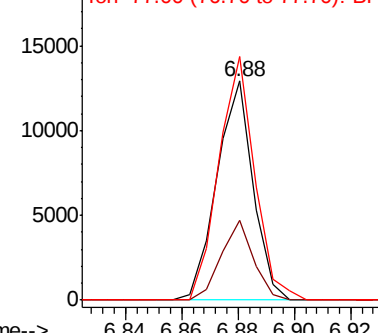
79 100

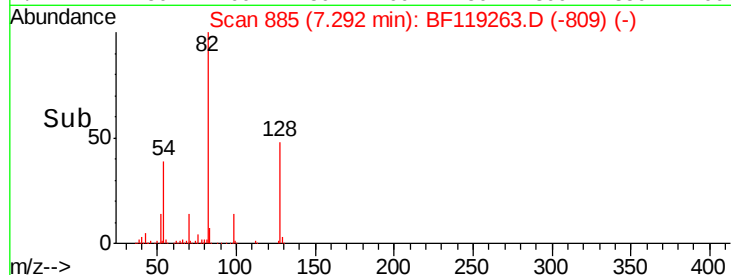
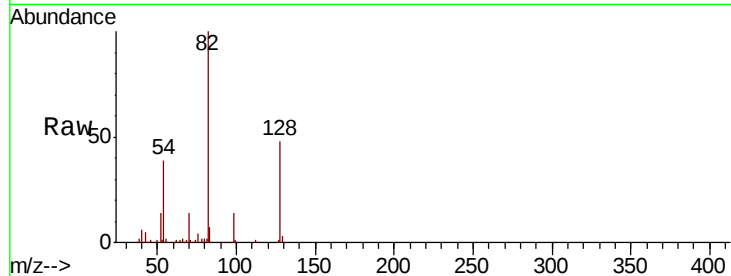
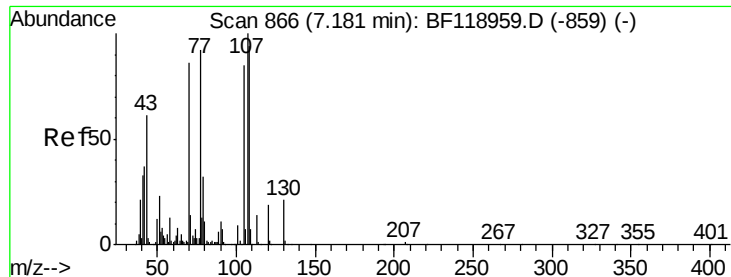
108 36.5 58.2 87.2#

77 111.3 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

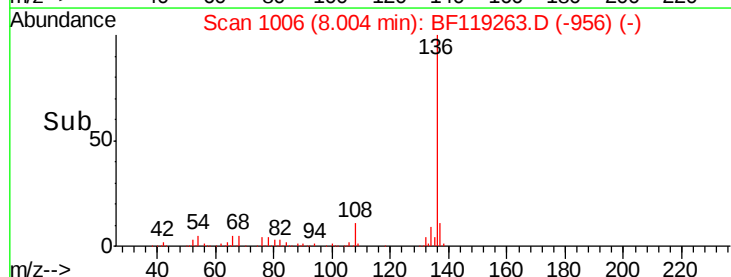
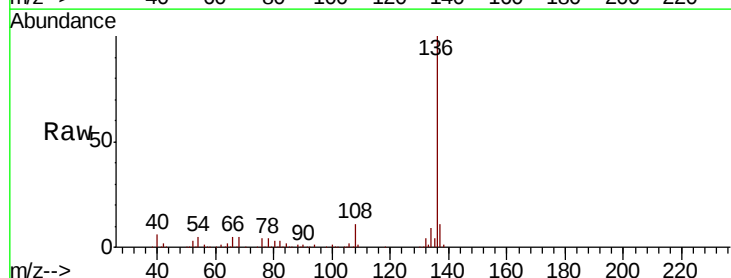
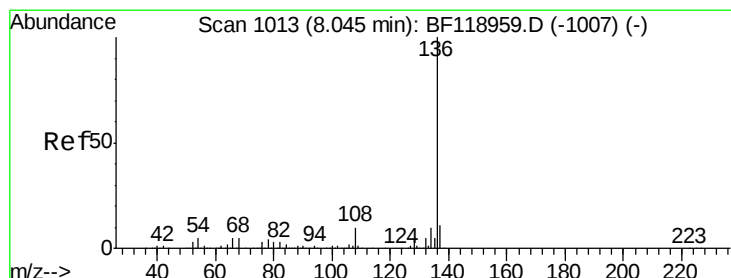
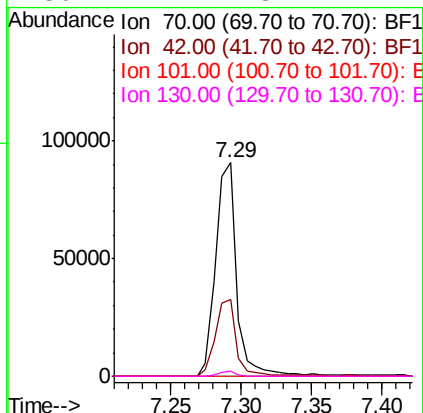




#19
n-Nitroso-di-n-propylamine
Concen: 21.142 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

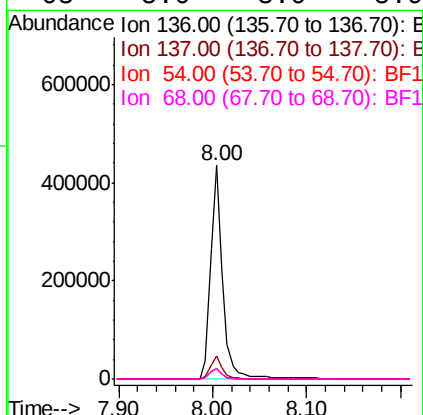
Instrument :
BNA_F
ClientSampled :

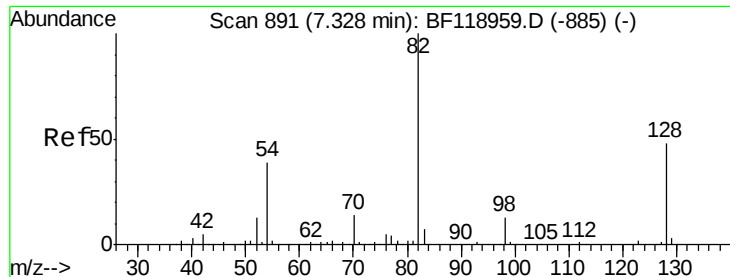
Tot Ion: 70 Resp: 94164
Ion Ratio Lower Upper
70 100
42 35.8 38.0 57.0#
101 0.0 8.2 12.4#
130 2.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

Tgt Ion: 136 Resp: 397946
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 4.7 3.8 5.6
68 5.0 3.9 5.9

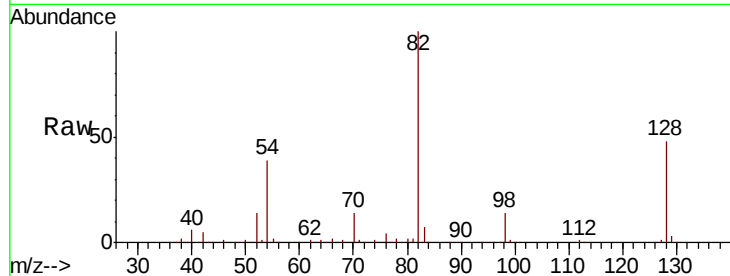




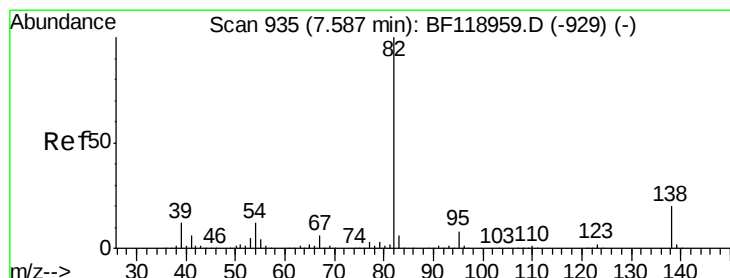
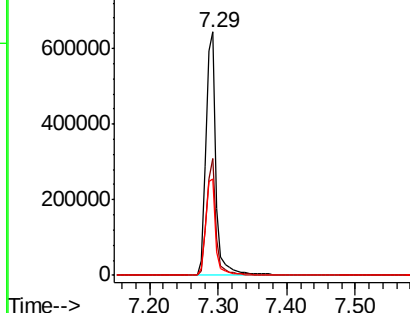
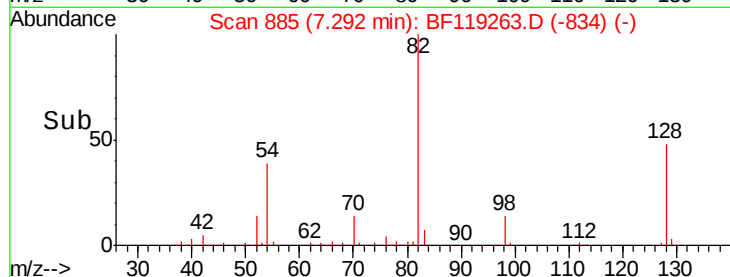
#23
Nitrobenzene-d5
Concen: 90.717 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 683719
Ion Ratio Lower Upper
82 100
128 47.9 37.9 56.9
54 39.5 33.4 50.2

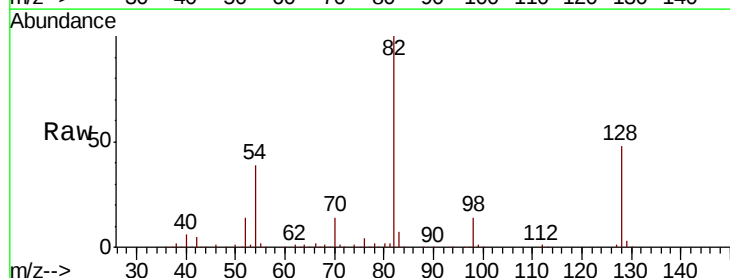


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

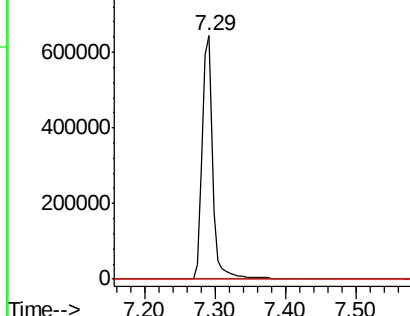
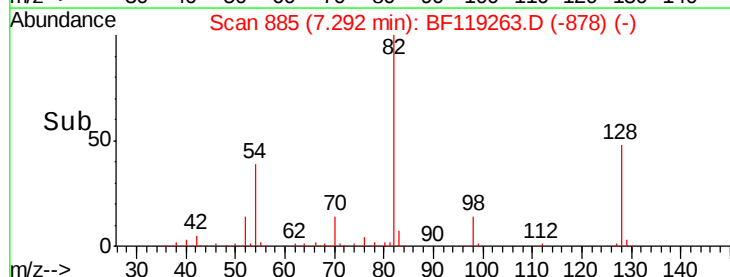


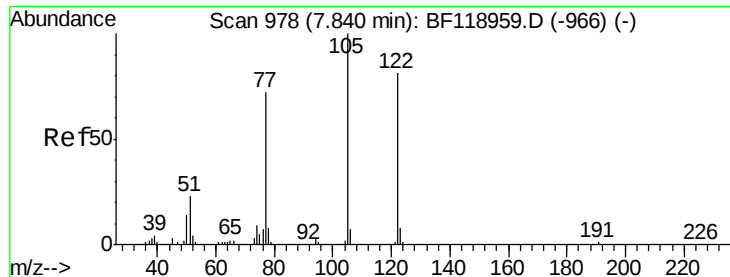
#25
Isophorone
Concen: 52.235 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

Tgt Ion: 82 Resp: 683715
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



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

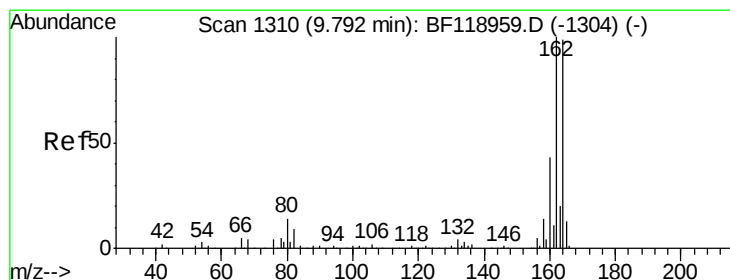
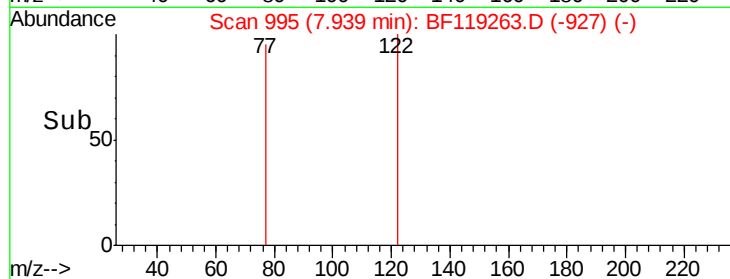
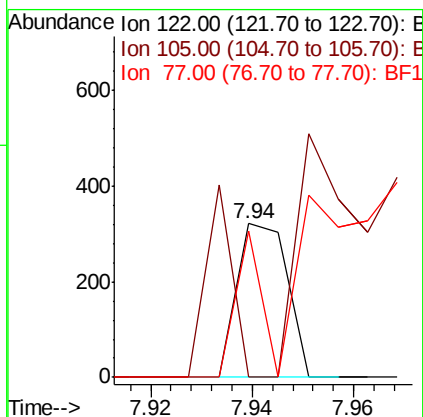
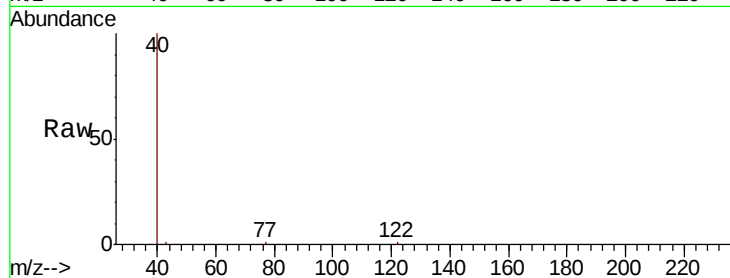




#32
Benzoic acid
Concen: 6.729 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.10 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

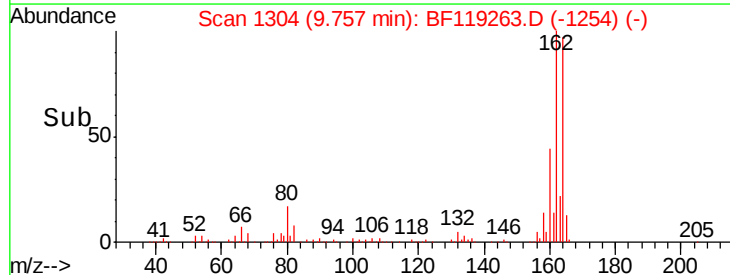
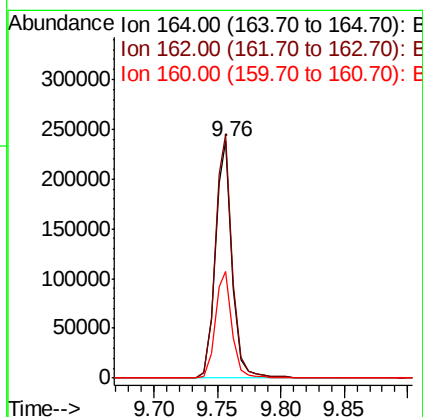
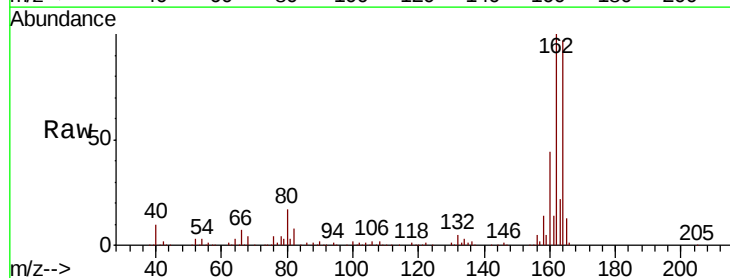
Instrument :
BNA_F
ClientSampleId :

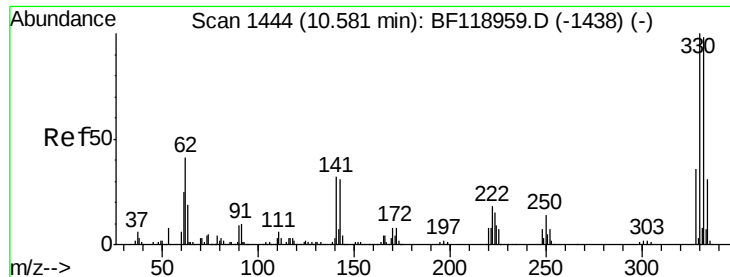
Tot Ion:122 Resp: 221
Ion Ratio Lower Upper
122 100
105 0.0 106.3 146.3#
77 94.7 73.1 113.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

Tgt Ion:164 Resp: 221249
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.8
160 45.3 36.0 54.0

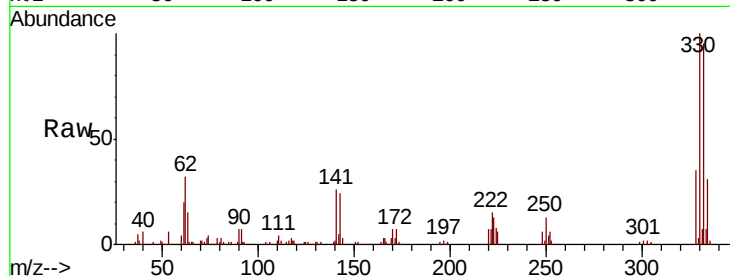




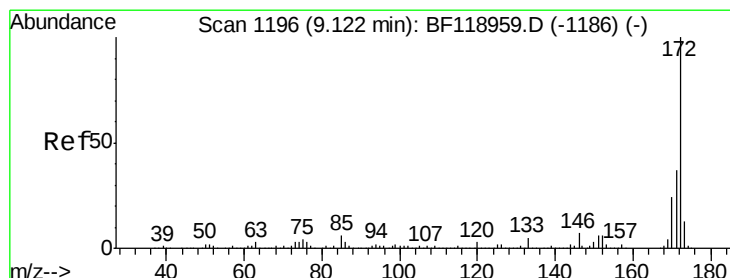
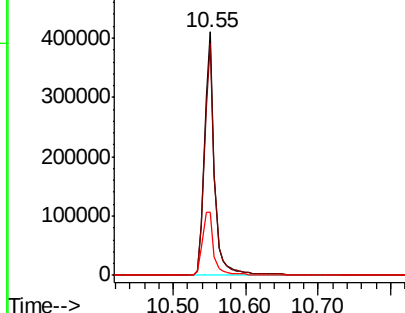
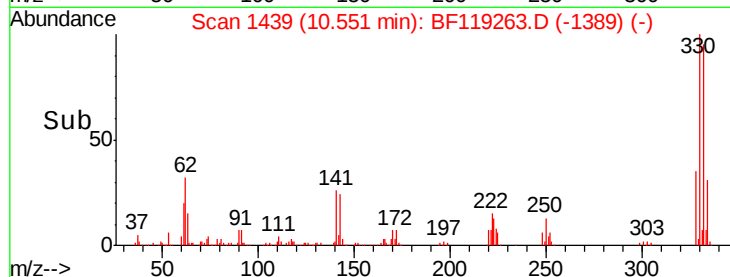
#42
 2,4,6-Tribromophenol
 Concen: 137.875 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119263.D
 Acq: 6 Mar 2020 21:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	29.8	22.9	34.3

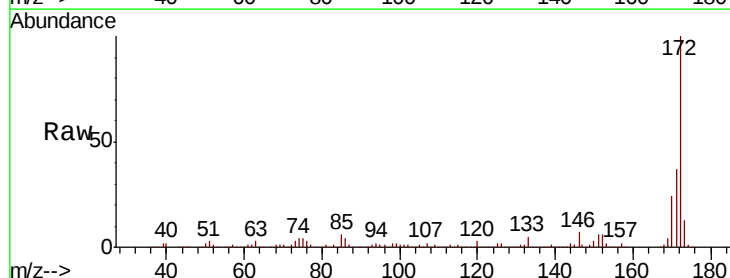


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

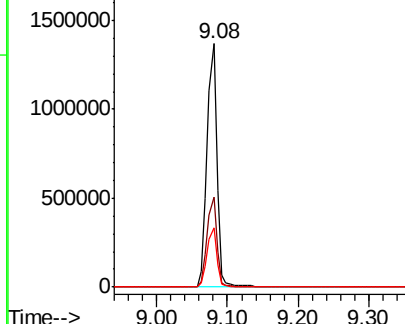
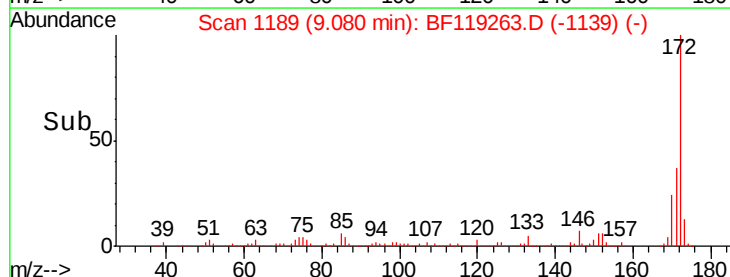


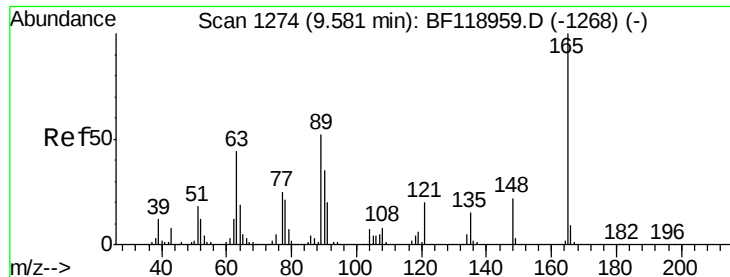
#45
 2-Fluorobiphenyl
 Concen: 89.556 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119263.D
 Acq: 6 Mar 2020 21:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	24.2	20.2	30.2



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

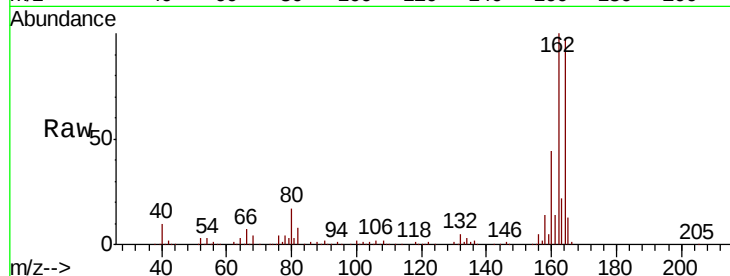




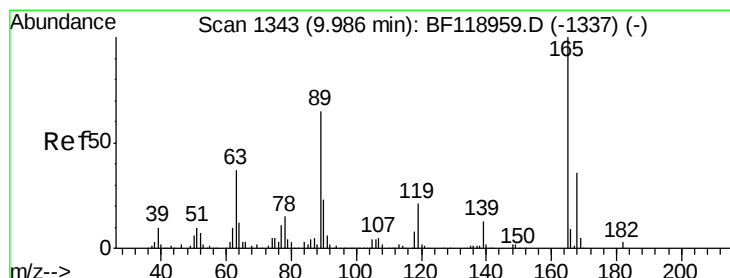
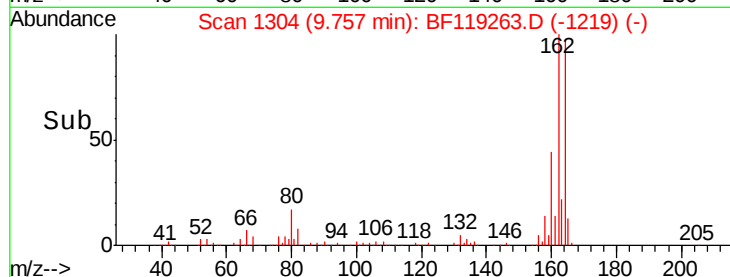
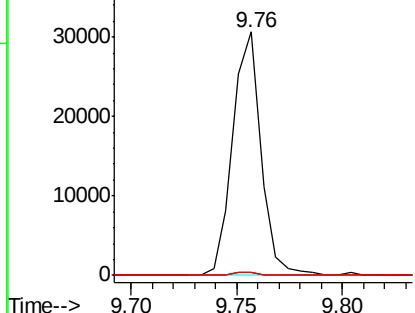
#51
 2,6-Dinitrotoluene
 Concen: 7.531 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119263.D
 Acq: 6 Mar 2020 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.3	51.5#
89	1.4	38.3	57.5#

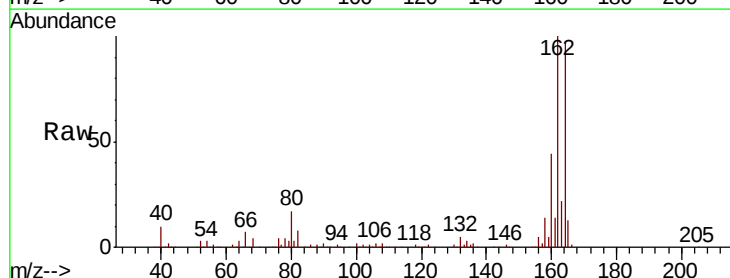


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

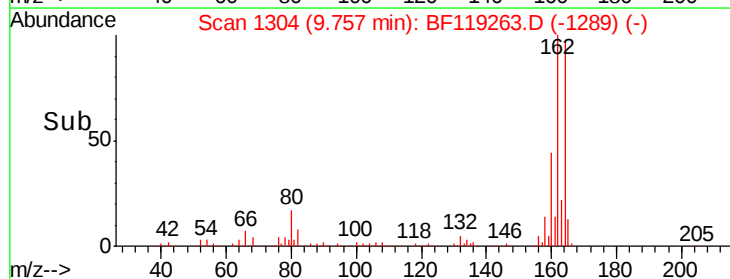
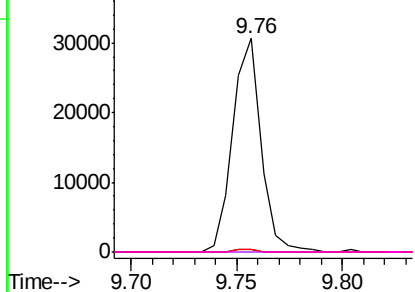


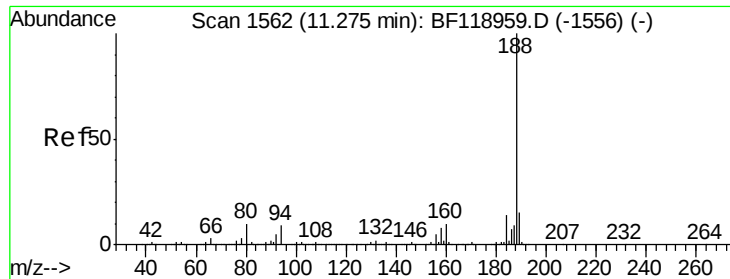
#57
 2,4-Dinitrotoluene
 Concen: 5.810 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119263.D
 Acq: 6 Mar 2020 21:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.3	63.5#
89	1.4	60.2	90.4#
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

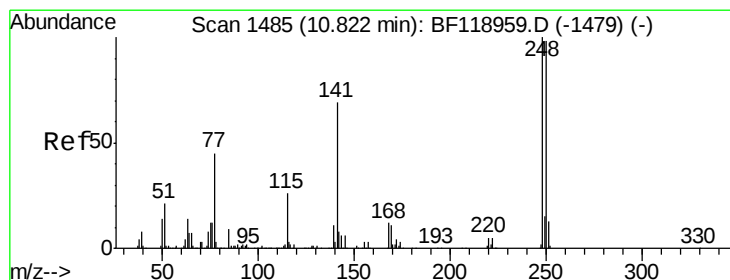
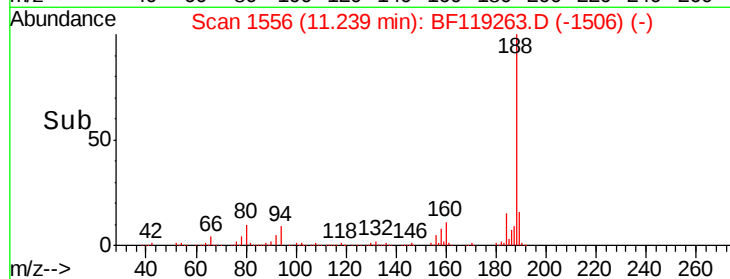
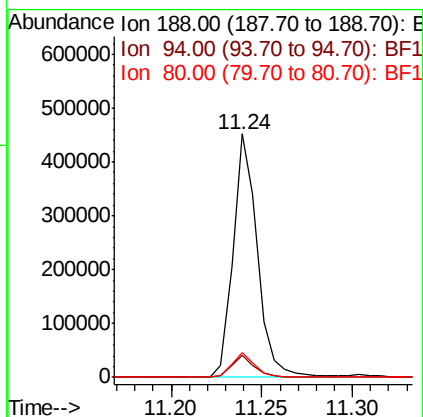
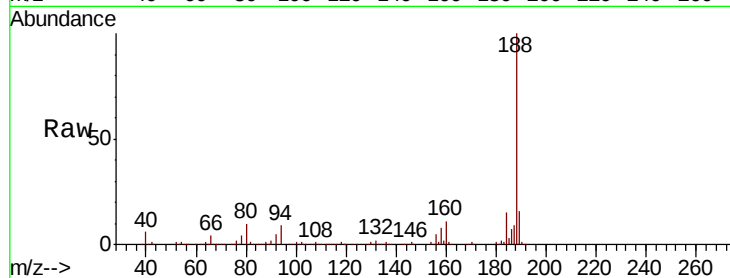




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

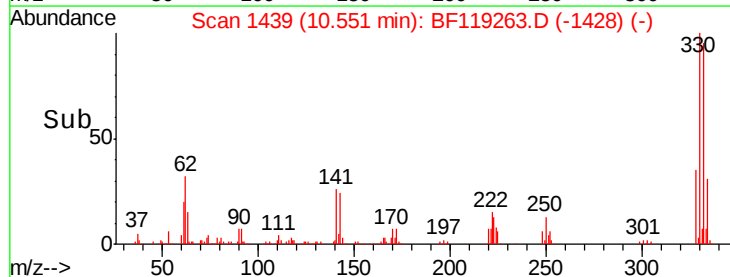
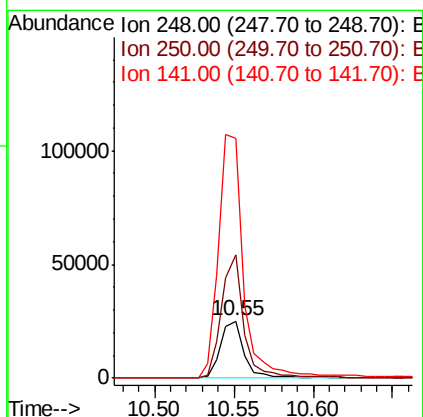
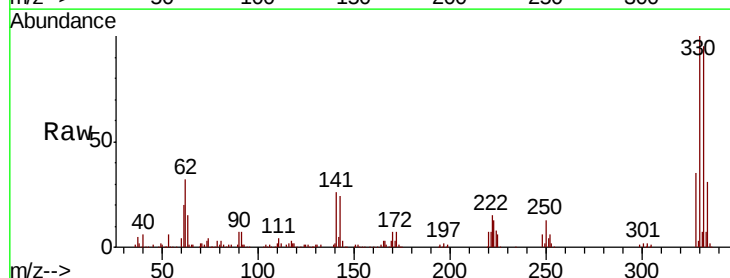
Instrument :
BNA_F
ClientSampleId :

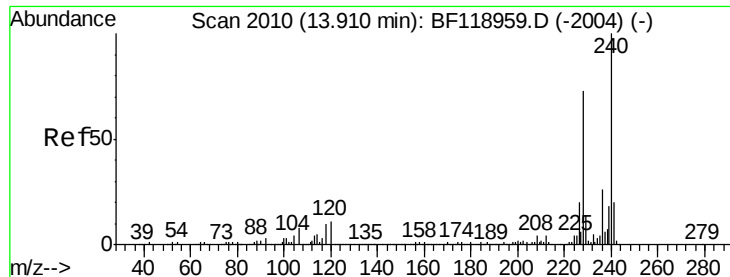
Tot Ion:188 Resp: 421072
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.0 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.780 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119263.D
Acq: 6 Mar 2020 21:39

Tgt Ion:248 Resp: 26308
Ion Ratio Lower Upper
248 100
250 214.5 76.7 115.1#
141 419.7 60.7 91.1#

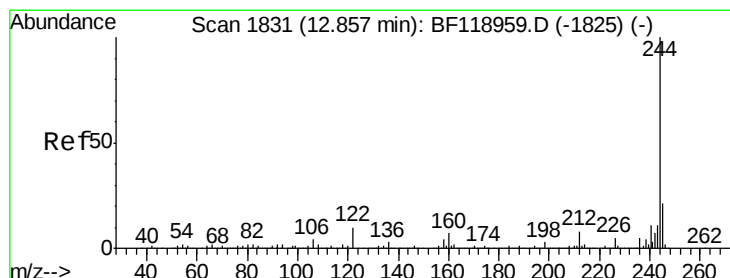
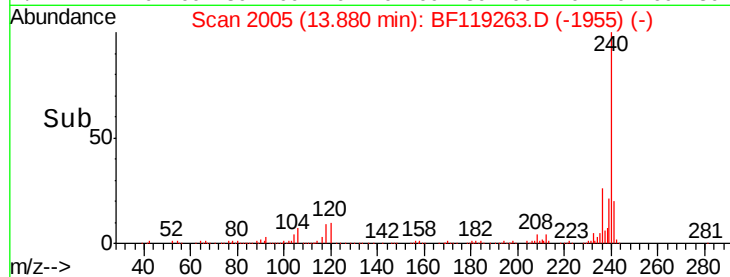
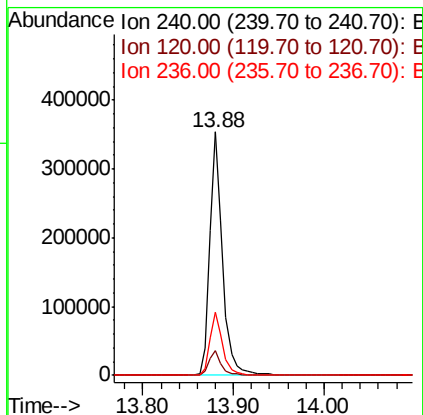
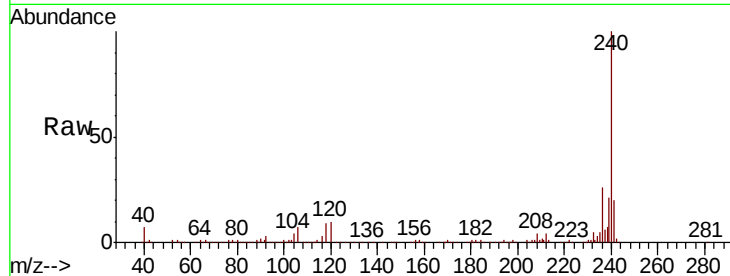




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF119263.D
 Acq: 6 Mar 2020 21:39

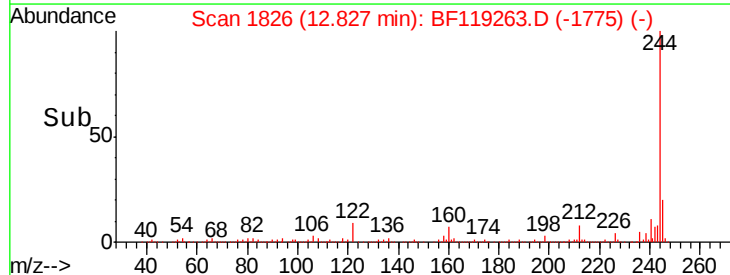
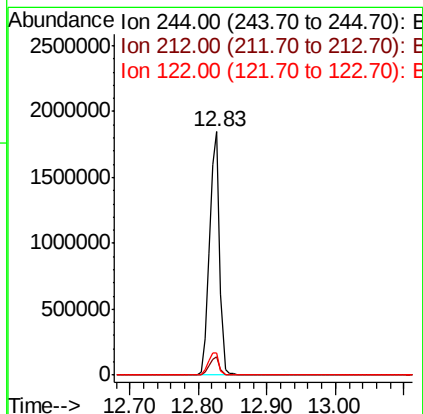
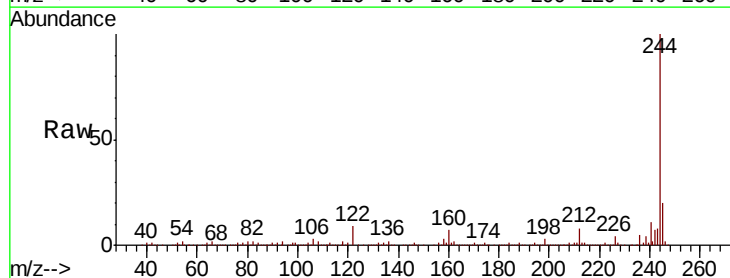
Instrument :
 BNA_F
 ClientSampleId :

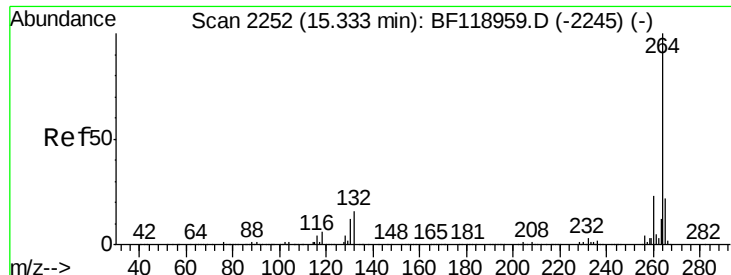
Tot Ion:240 Resp: 349942
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.4 12.6
 236 26.1 21.0 31.4



#79
 Terphenyl-d14
 Concen: 93.521 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF119263.D
 Acq: 6 Mar 2020 21:39

Tgt Ion:244 Resp: 1900877
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.6 10.0
 122 9.4 8.2 12.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF119263.D
 Acq: 6 Mar 2020 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.4	17.7	26.5

