

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119167.D
 Acq On : 2 Mar 2020 11:35
 Operator : CG/JU
 Sample : L1718-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 07:18:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

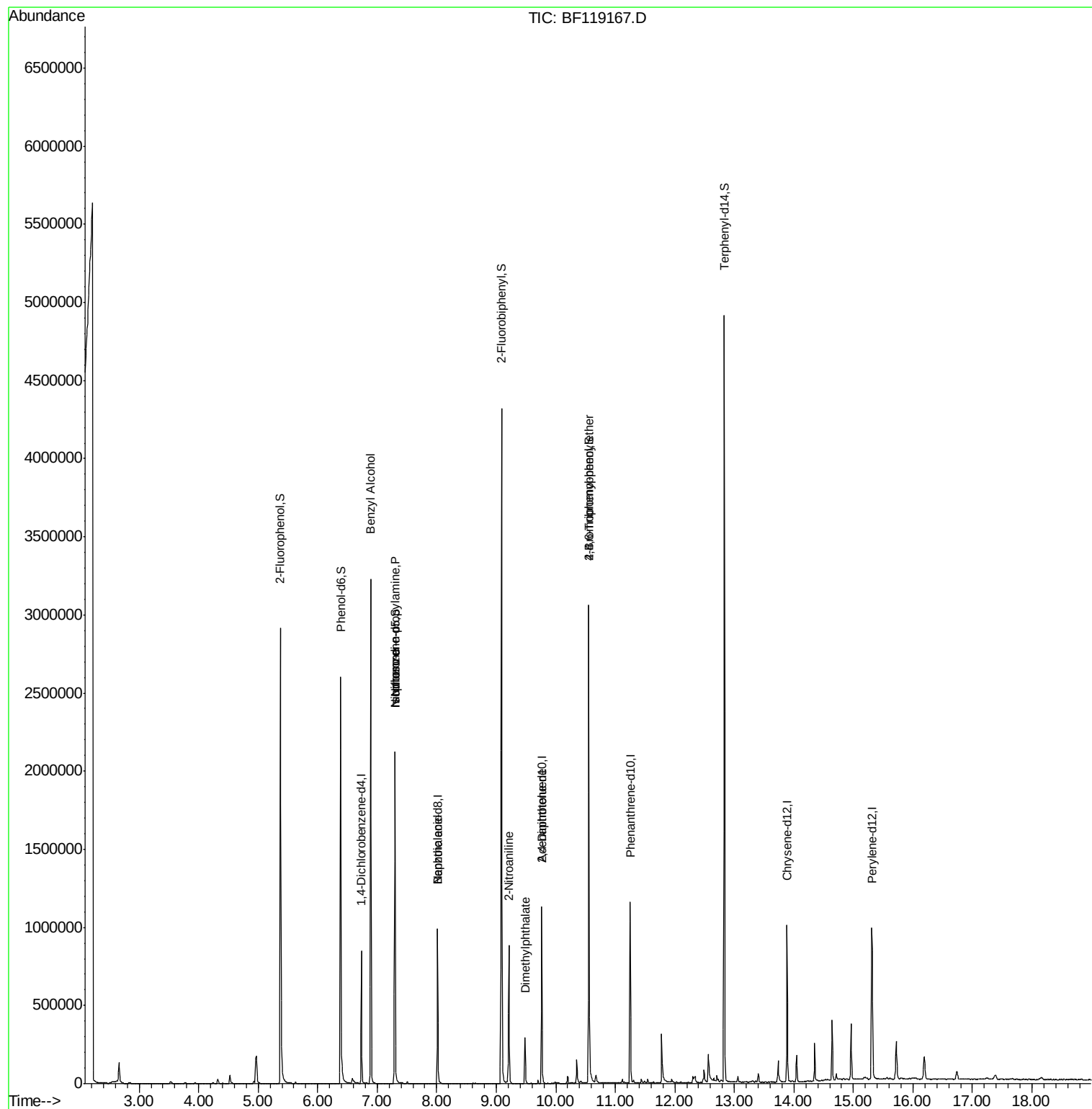
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128523	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	484076	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	266861	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	456059	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	328065	20.00	ng	-0.02
87) Perylene-d12	15.31	264	365470	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	911976	118.58	ng	0.00
7) Phenol-d6	6.39	99	1007878	107.76	ng	-0.02
23) Nitrobenzene-d5	7.30	82	797643	87.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	427670	122.51	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1574428	86.91	ng	-0.02
79) Terphenyl-d14	12.83	244	1776660	93.24	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.89	79	13714	2.029	ng	# 54
19) n-Nitroso-di-n-propylamine	7.30	70	111072	20.380	ng	# 75
25) Isophorone	7.30	82	797635	50.096	ng	# 63
32) Benzoic acid	8.02	122	106	6.699	ng	# 1
48) 2-Nitroaniline	9.21	65	10312	2.127	ng	# 9
50) Dimethylphthalate	9.49	163	139552	6.839	ng	98
57) 2,4-Dinitrotoluene	9.77	165	33871	5.764	ng	# 20
67) 4-Bromophenyl-phenylether	10.56	248	28072	4.709	ng	# 1

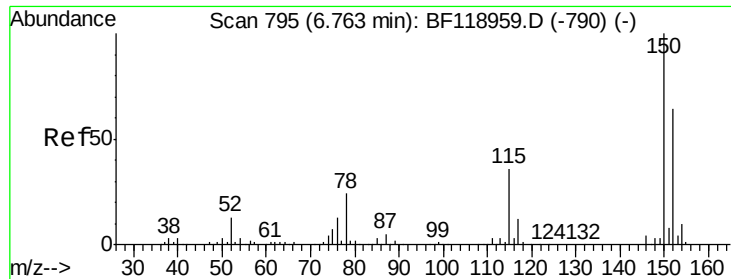
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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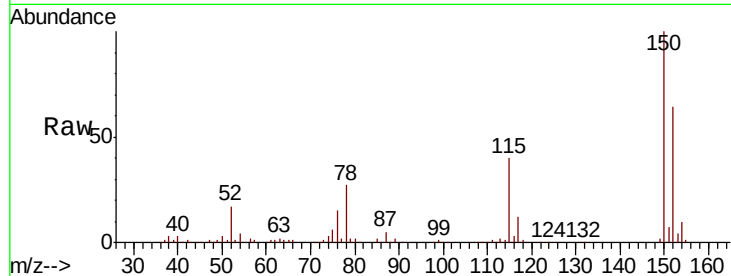


#1

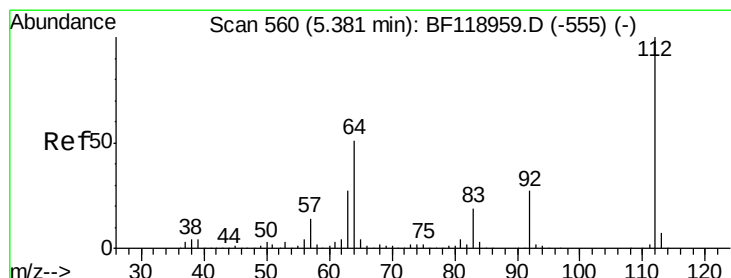
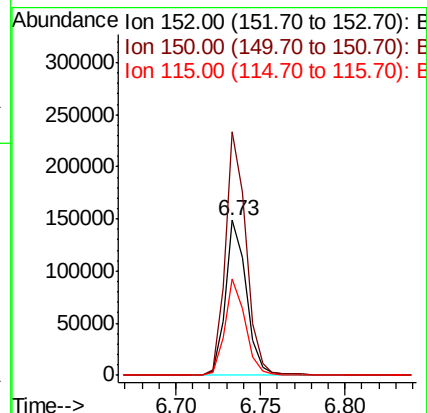
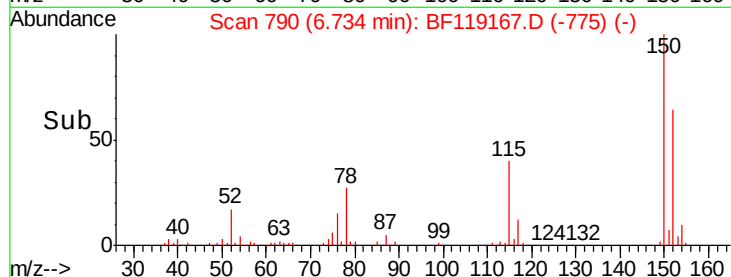
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128523
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.6
115 62.1 49.5 74.3



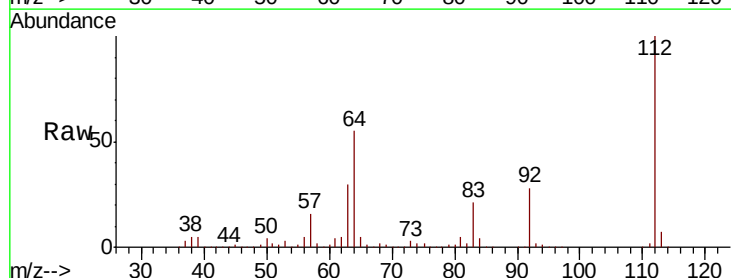
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



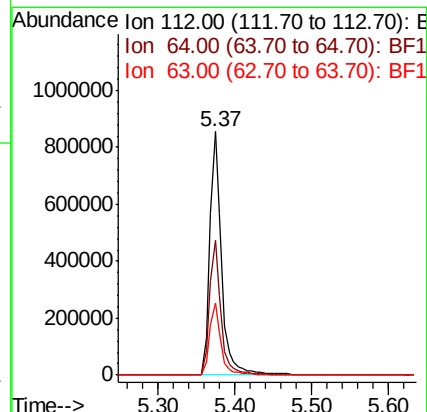
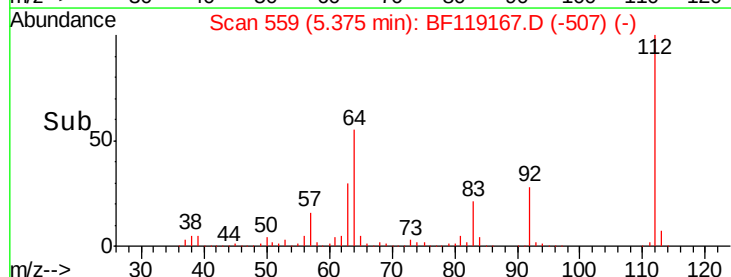
#5

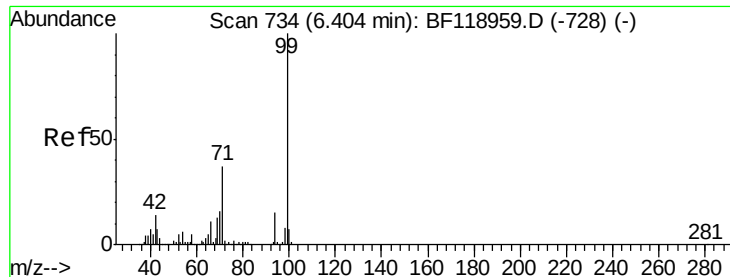
2-Fluorophenol
Concen: 118.584 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

Tgt Ion:112 Resp: 911976
Ion Ratio Lower Upper
112 100
64 55.2 45.0 67.4
63 29.7 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: 107.758 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119167.D

Acq: 2 Mar 2020 11:35

Instrument :

BNA_F

ClientSampleId :

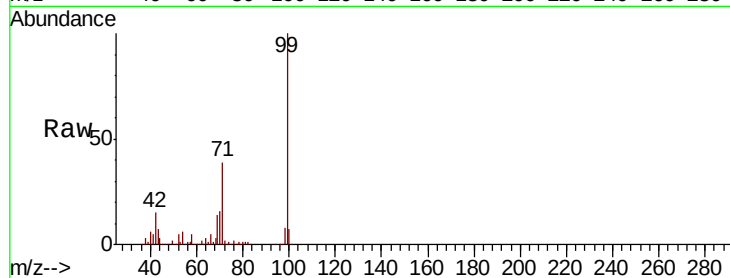
Tot Ion: 99 Resp: 1007878

Ion Ratio Lower Upper

99 100

42 14.8 12.6 18.8

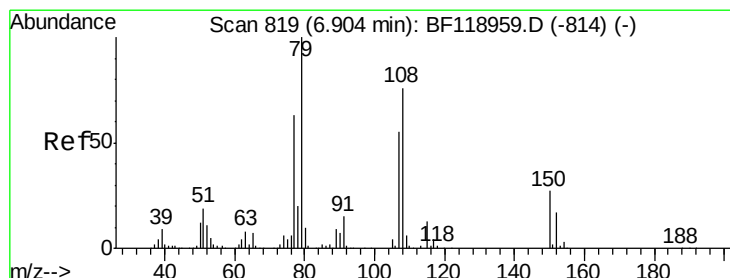
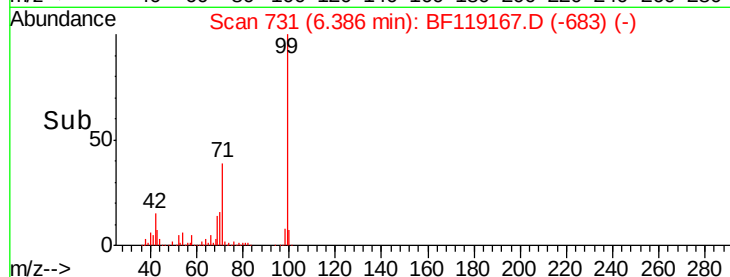
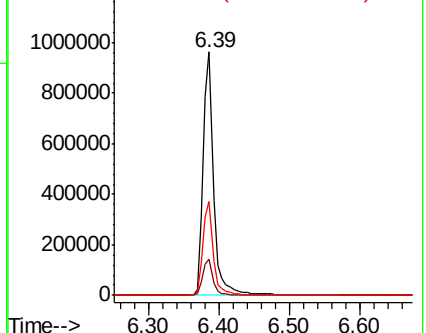
71 38.6 31.0 46.4



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: 2.029 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119167.D

Acq: 2 Mar 2020 11:35

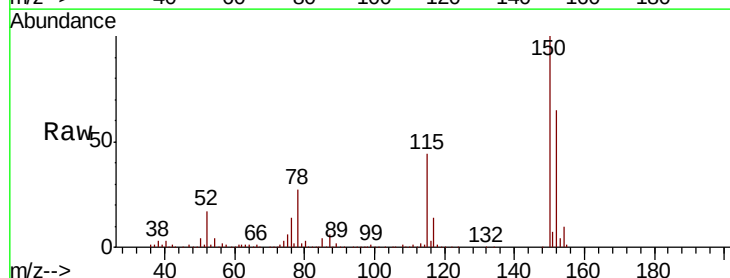
Tgt Ion: 79 Resp: 13714

Ion Ratio Lower Upper

79 100

108 30.5 58.2 87.2#

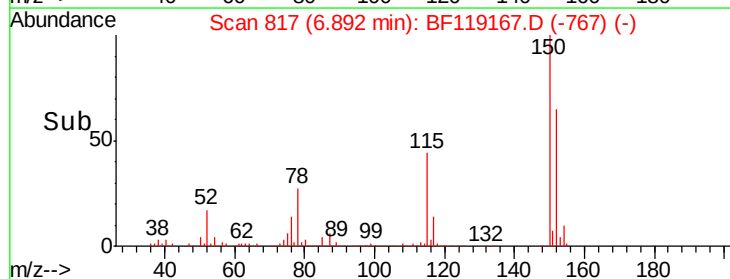
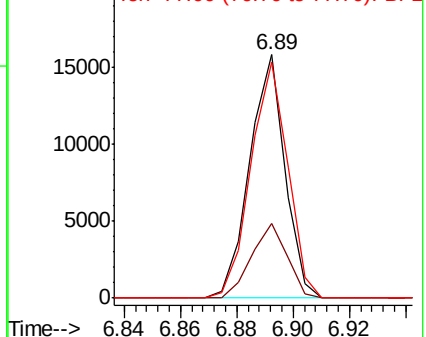
77 96.7 51.2 76.8#

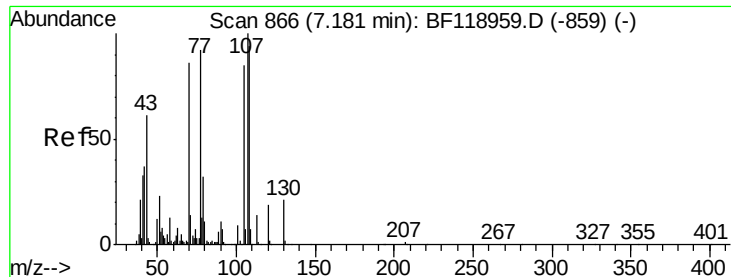


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

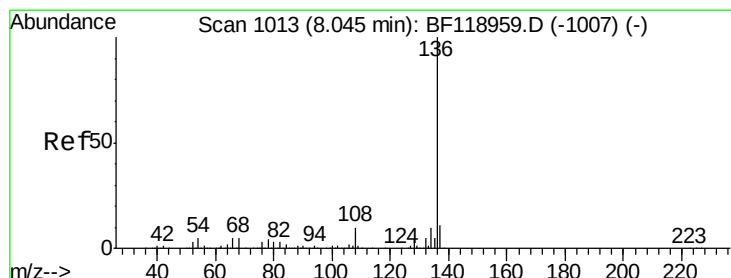
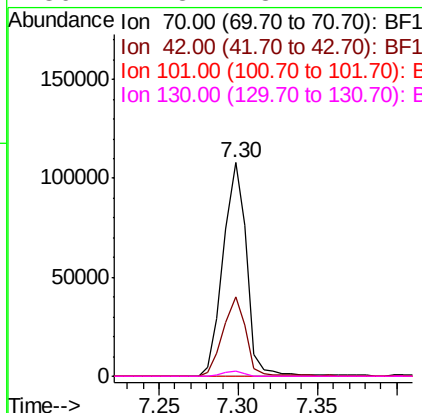
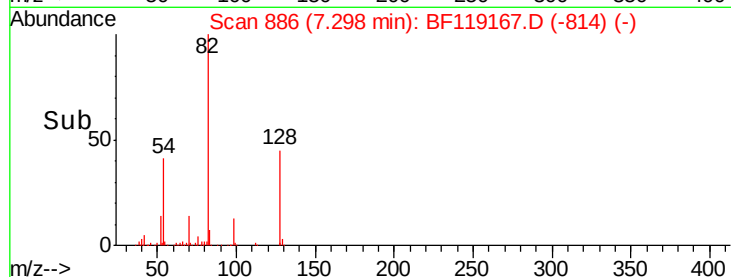
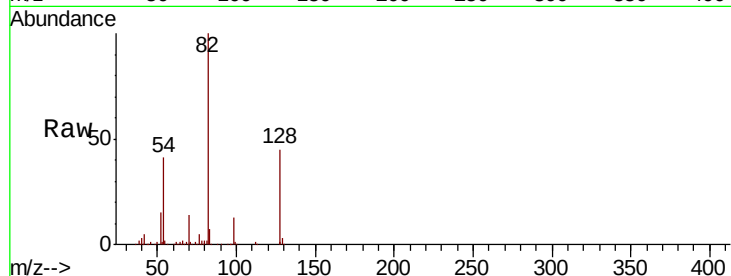




#19
n-Nitroso-di-n-propylamine
Concen: 20.380 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.12 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

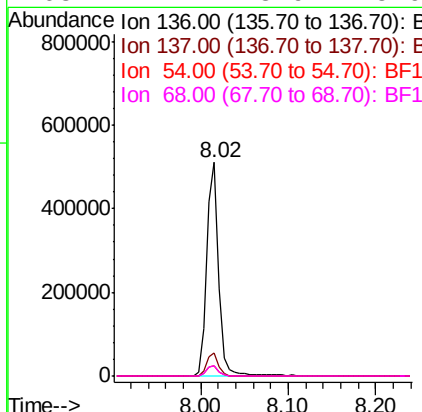
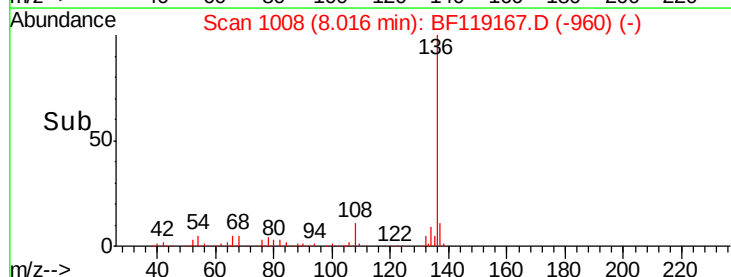
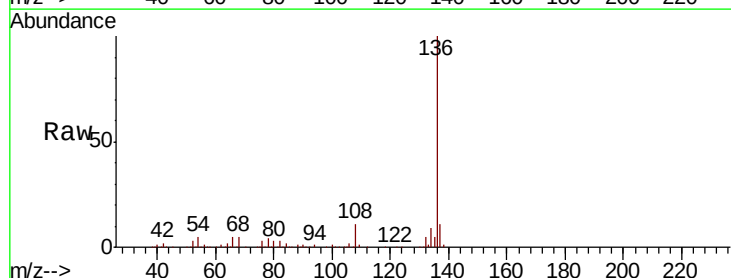
Instrument :
BNA_F
ClientSampleId :

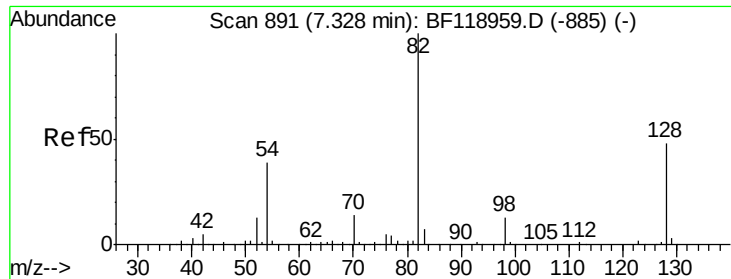
Tot Ion: 70 Resp: 111072
Ion Ratio Lower Upper
70 100
42 37.0 38.0 57.0#
101 0.0 8.2 12.4#
130 2.3 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

Tgt Ion: 136 Resp: 484076
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 4.7 3.8 5.6
68 4.7 3.9 5.9

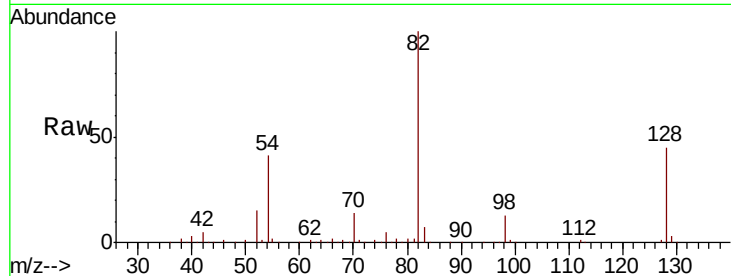




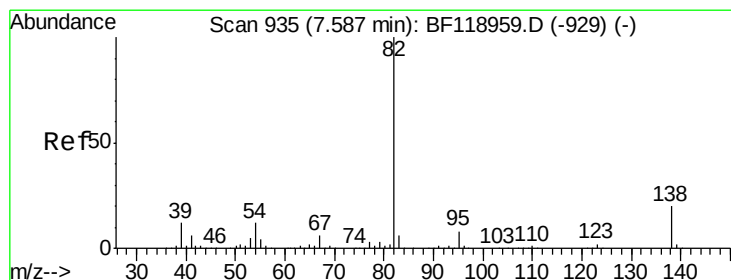
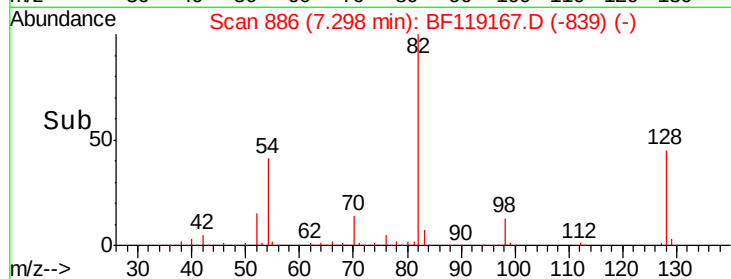
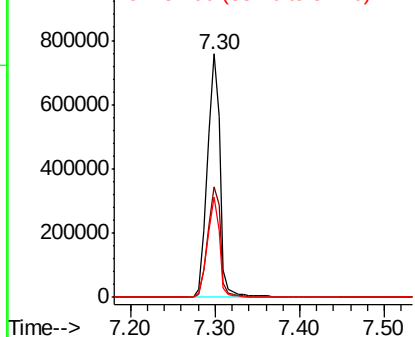
#23
Nitrobenzene-d5
Concen: 87.002 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 797643
Ion Ratio Lower Upper
82 100
128 45.5 37.9 56.9
54 41.2 33.4 50.2

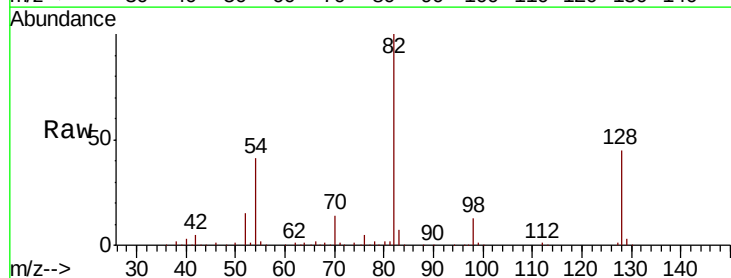


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

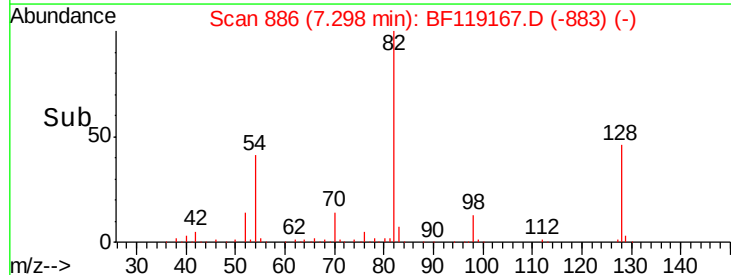
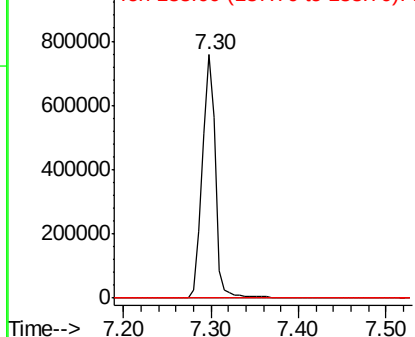


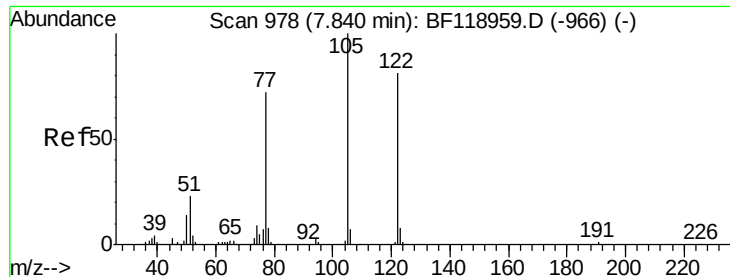
#25
Isophorone
Concen: 50.096 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.28 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

Tgt Ion: 82 Resp: 797635
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

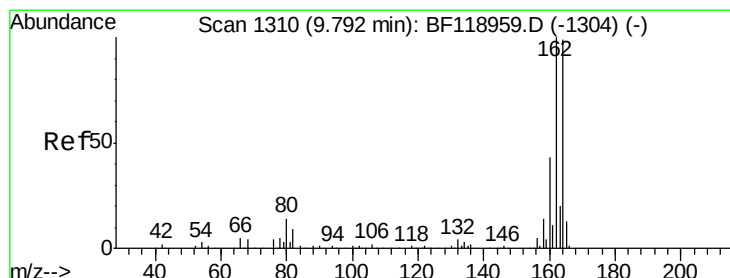
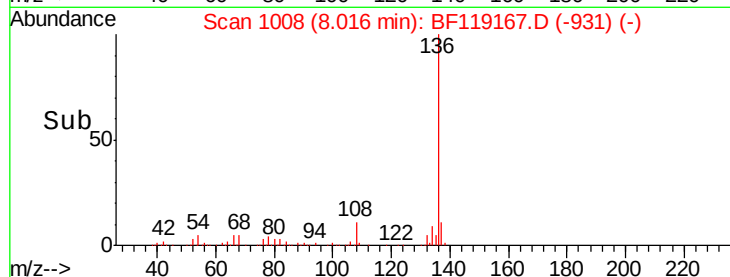
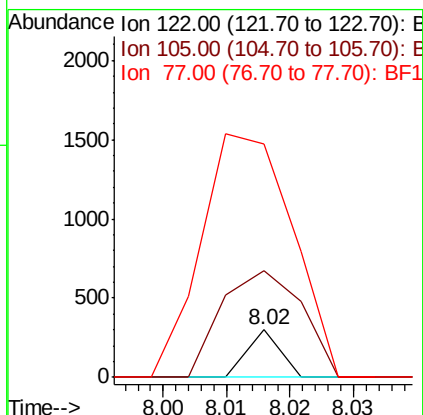
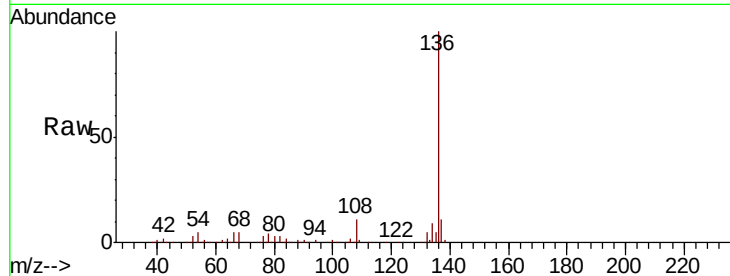




#32
Benzoic acid
Concen: 6.699 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.15 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

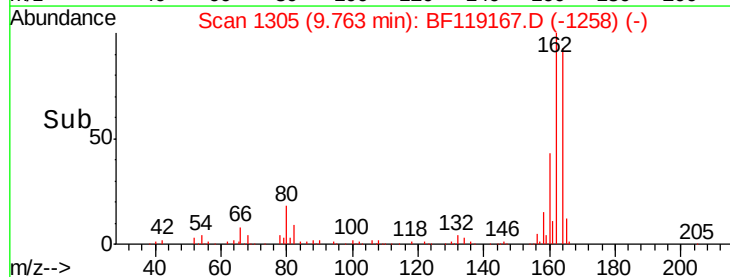
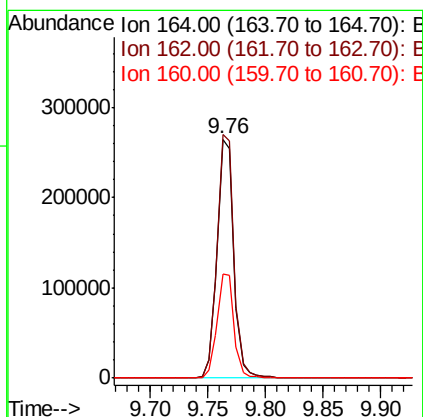
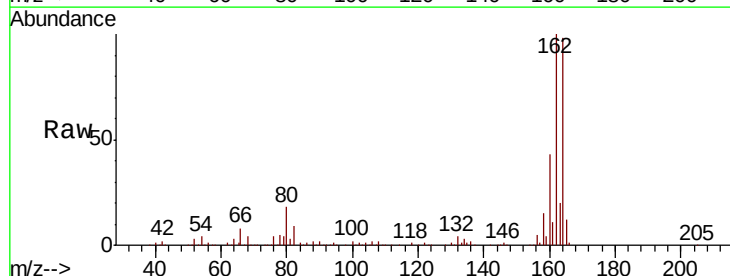
Instrument :
BNA_F
ClientSampleId :

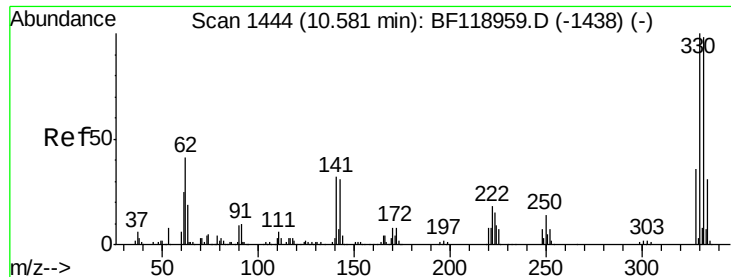
Tot Ion	Ratio	Lower	Upper
122	100		
105	224.9	106.3	146.3
77	490.7	73.1	113.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.8
160	43.4	36.0	54.0

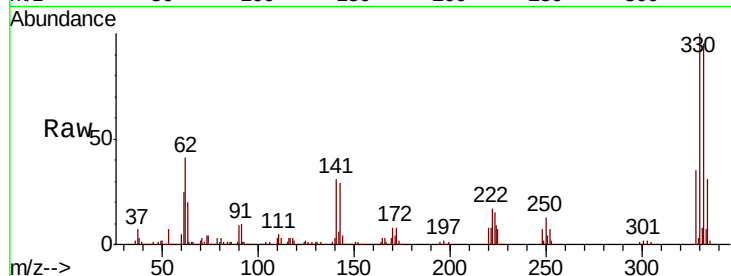




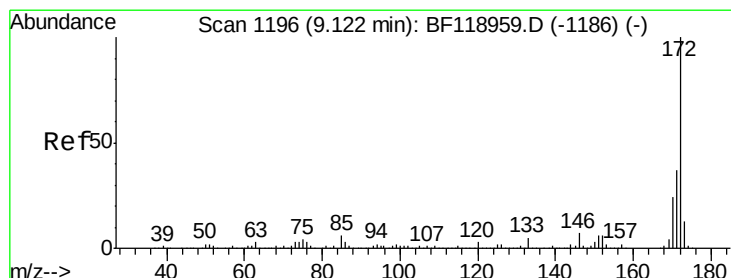
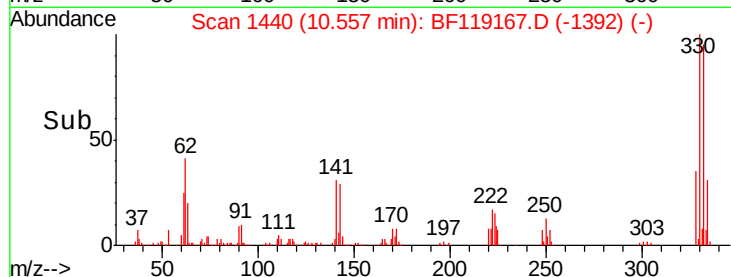
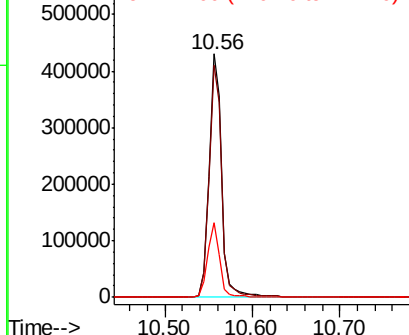
#42
 2,4,6-Tribromophenol
 Concen: 122.507 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119167.D
 Acq: 2 Mar 2020 11:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 427670
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 30.0 22.9 34.3

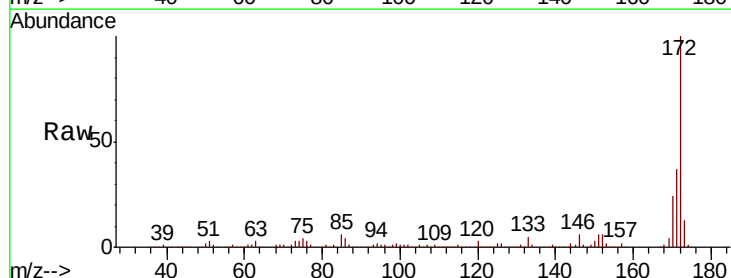


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

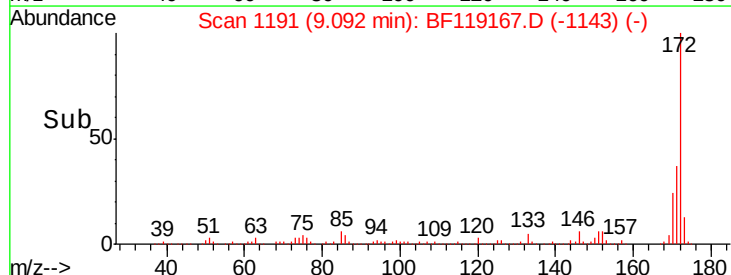
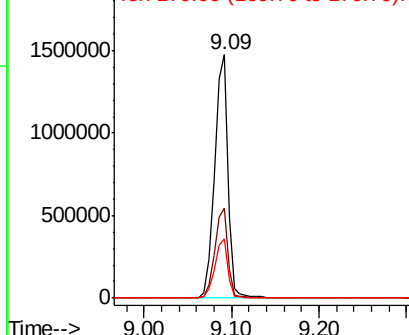


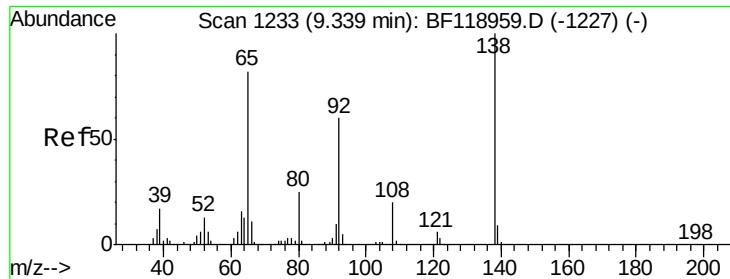
#45
 2-Fluorobiphenyl
 Concen: 86.914 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119167.D
 Acq: 2 Mar 2020 11:35

Tgt Ion:172 Resp: 1574428
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.6 45.8
 170 24.1 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

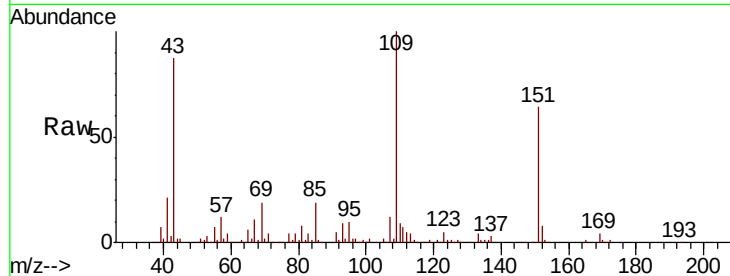




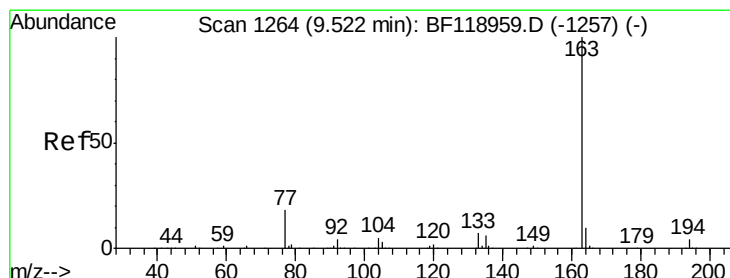
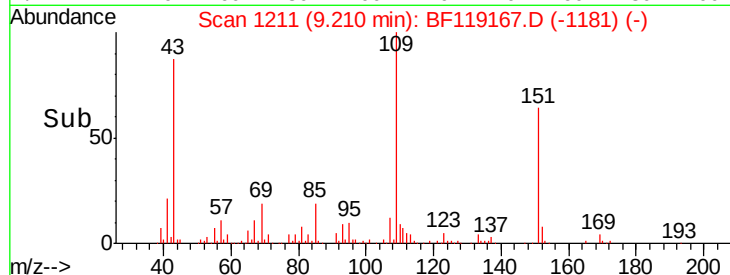
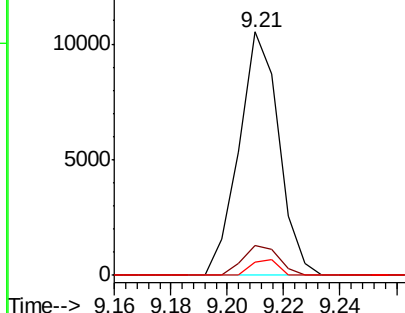
#48
2-Nitroaniline
Concen: 2.127 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.12 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 10312
Ion Ratio Lower Upper
65 100
92 12.2 58.2 87.2#
138 5.3 95.6 143.4#

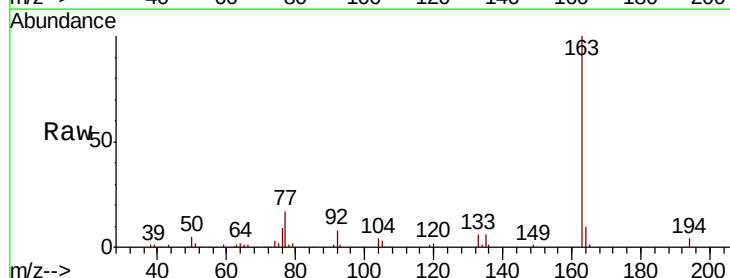


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

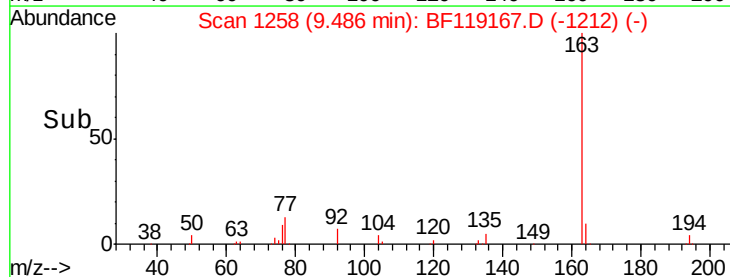
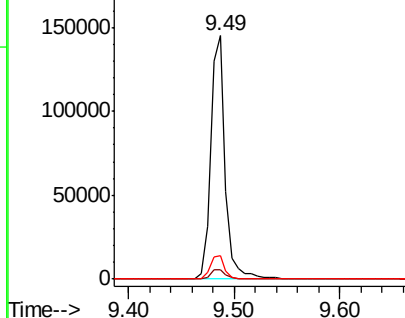


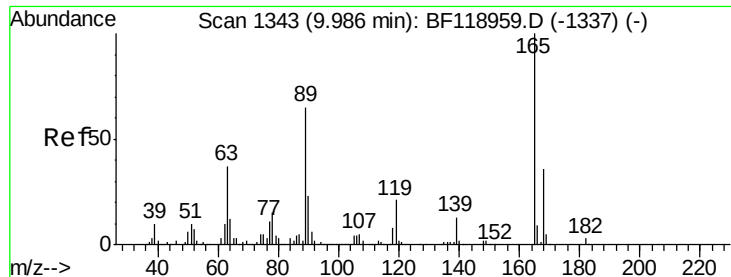
#50
Dimethylphthalate
Concen: 6.839 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119167.D
Acq: 2 Mar 2020 11:35

Tgt Ion: 163 Resp: 139552
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 9.7 8.4 12.6



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

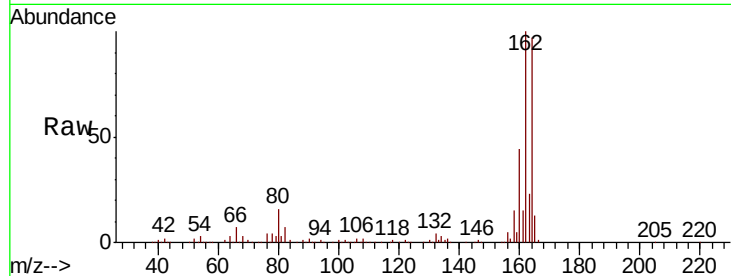




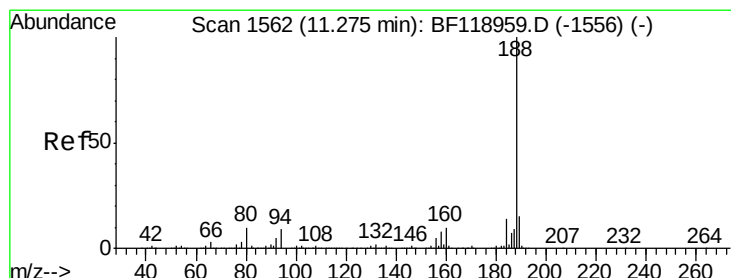
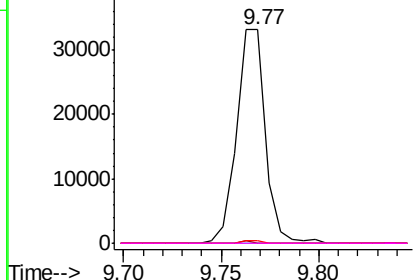
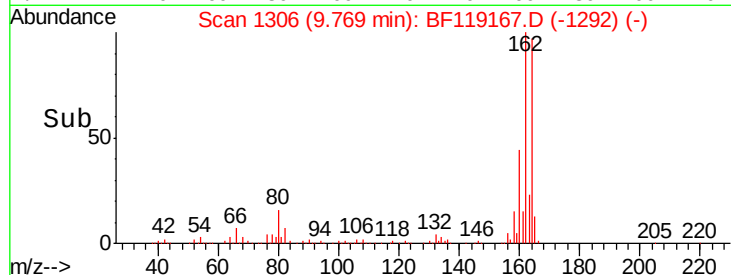
#57
 2,4-Dinitrotoluene
 Concen: 5.764 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.22 min
 Lab File: BF119167.D
 Acq: 2 Mar 2020 11:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 33871
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.3 63.5#
 89 1.3 60.2 90.4#
 182 0.0 2.3 3.5#

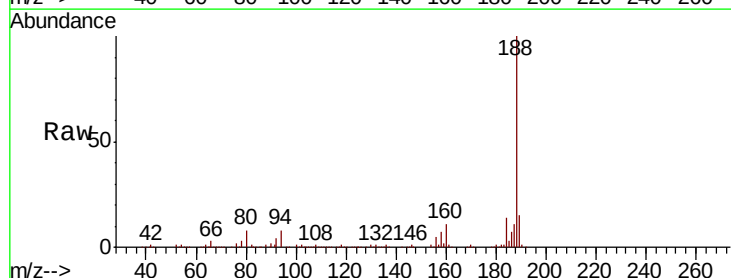


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

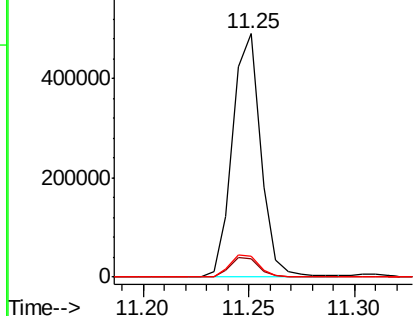
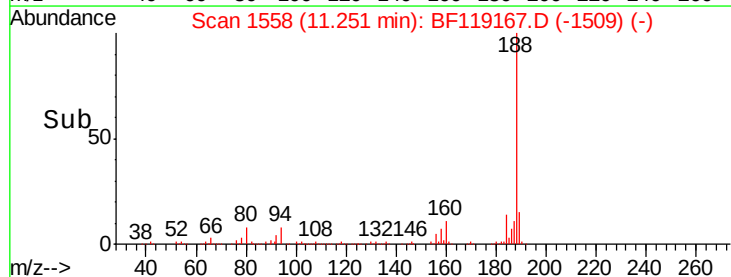


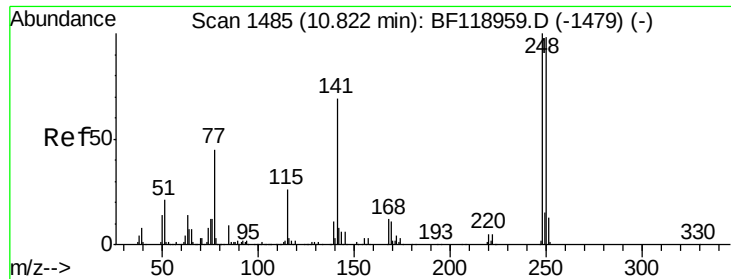
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF119167.D
 Acq: 2 Mar 2020 11:35

Tgt Ion:188 Resp: 456059
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.1 10.7
 80 8.4 7.8 11.8



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





#67

4-Bromophenyl-phenylether

Concen: 4.709 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.25 min

Lab File: BF119167.D

Acq: 2 Mar 2020 11:35

Instrument :

BNA_F

ClientSampleId :

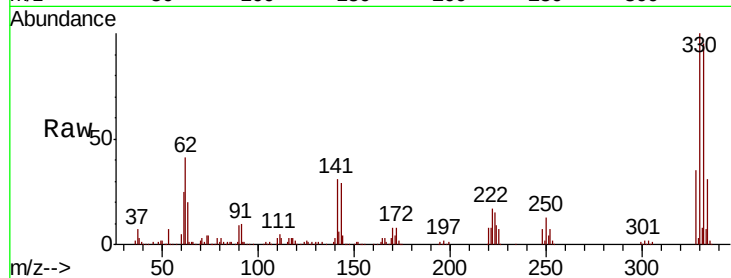
Tot Ion:248 Resp: 28072

Ion Ratio Lower Upper

248 100

250 195.4 76.7 115.1#

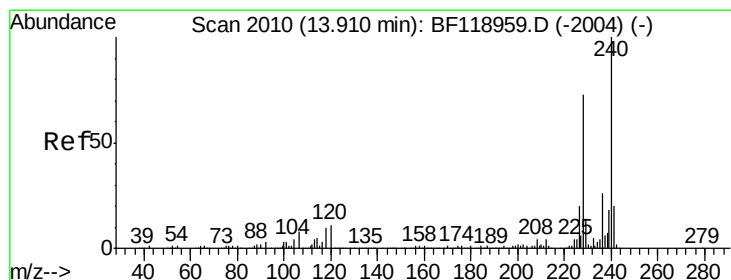
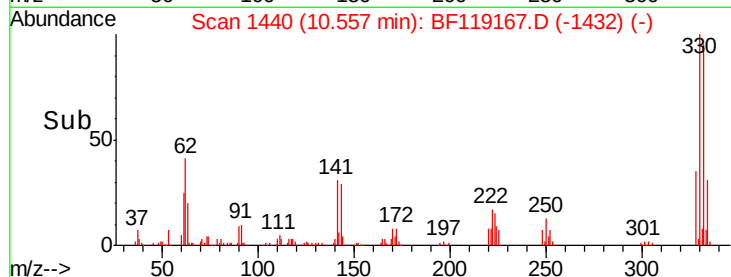
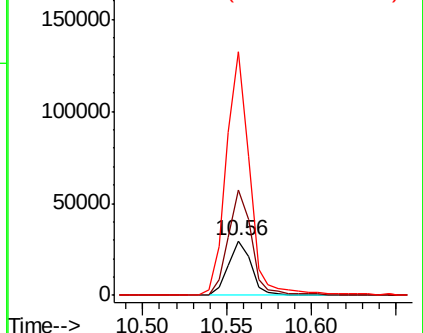
141 449.4 60.7 91.1#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF119167.D

Acq: 2 Mar 2020 11:35

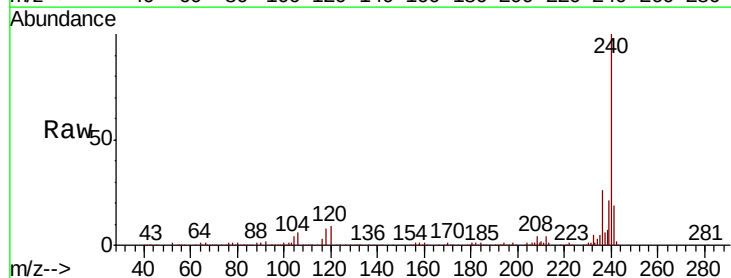
Tgt Ion:240 Resp: 328065

Ion Ratio Lower Upper

240 100

120 9.1 8.4 12.6

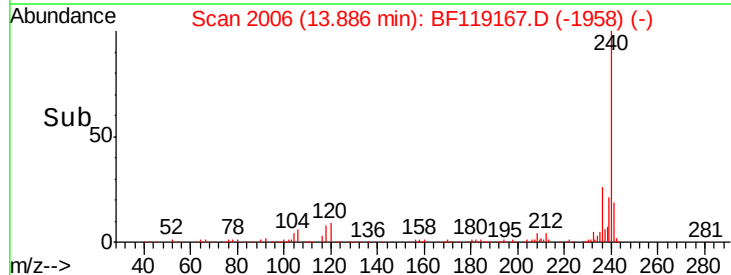
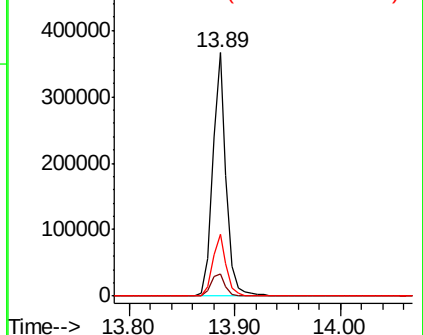
236 25.5 21.0 31.4

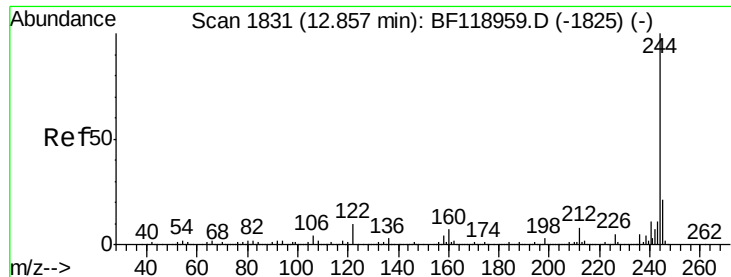


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



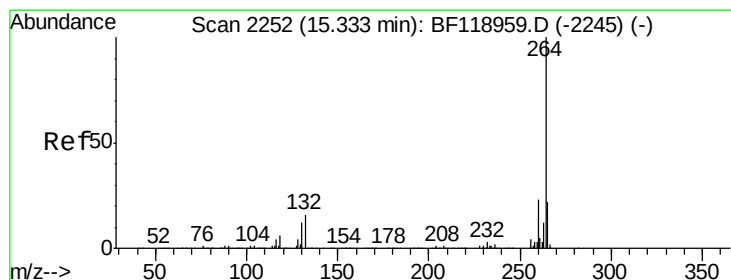
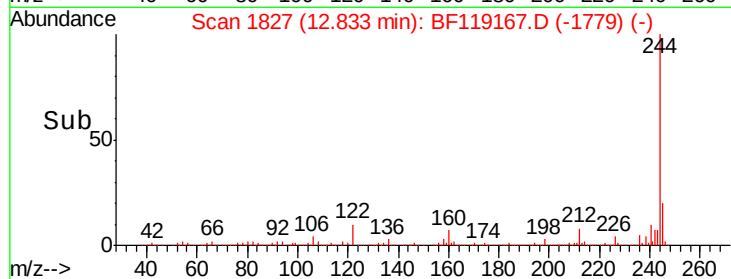
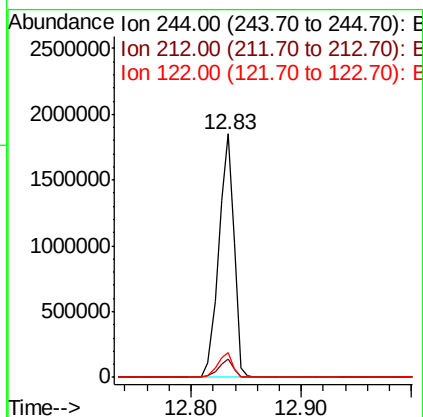
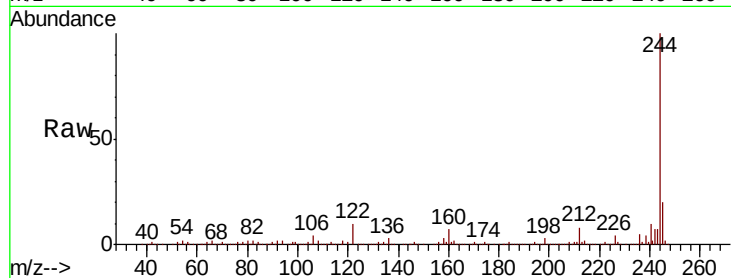


#79
 Terphenyl-d14
 Concen: 93.239 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119167.D
 Acq: 2 Mar 2020 11:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1776660

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	9.9	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BF119167.D
 Acq: 2 Mar 2020 11:35

Tgt Ion:264 Resp: 365470

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.5	17.7	26.5

