

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119249.D
 Acq On : 6 Mar 2020 10:12
 Operator : CG/JU
 Sample : L1748-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 12:55:49 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

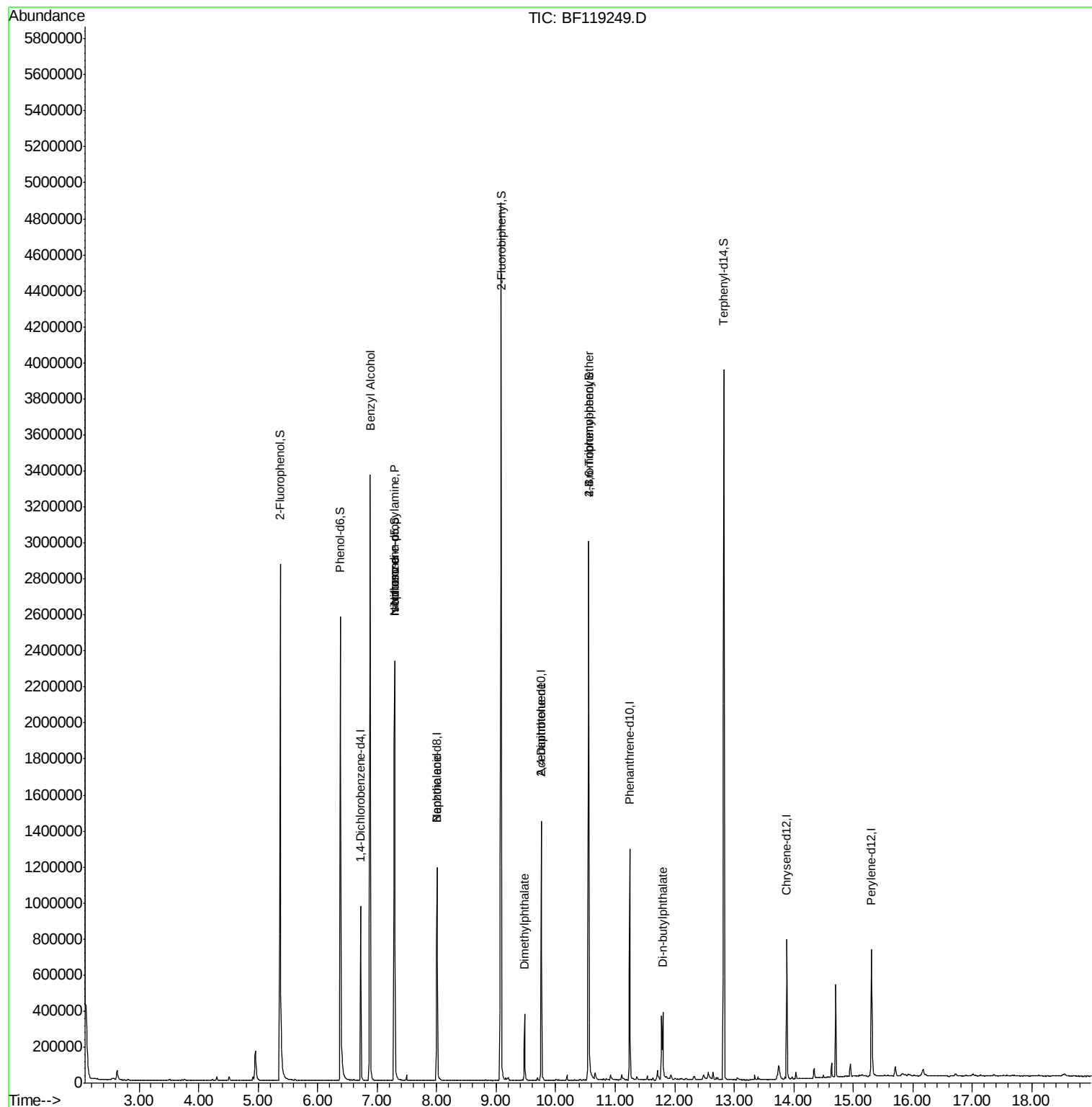
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146558	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	567771	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	295490	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	466381	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	262029	20.00	ng	-0.02
87) Perylene-d12	15.30	264	319169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	958569	109.30	ng	0.00
7) Phenol-d6	6.38	99	1063780	99.74	ng	-0.02
23) Nitrobenzene-d5	7.29	82	867613	80.68	ng	-0.03
42) 2,4,6-Tribromophenol	10.55	330	410803	106.27	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1652876	82.40	ng	-0.03
79) Terphenyl-d14	12.82	244	1441564	94.72	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.88	79	15897	2.062	ng	# 50
19) n-Nitroso-di-n-propylamine	7.29	70	123729	19.909	ng	# 73
25) Isophorone	7.29	82	867608	46.458	ng	# 63
32) Benzoic acid	8.01	122	106	6.696	ng	# 1
50) Dimethylphthalate	9.47	163	155775	6.894	ng	100
57) 2,4-Dinitrotoluene	9.76	165	37712	5.796	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	26614	4.366	ng	# 1
74) Di-n-butylphthalate	11.80	149	155649	5.677	ng	99

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

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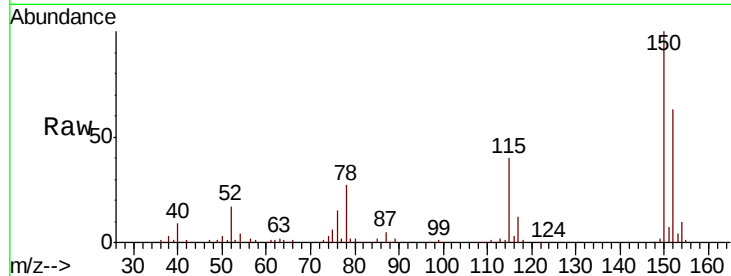


#1

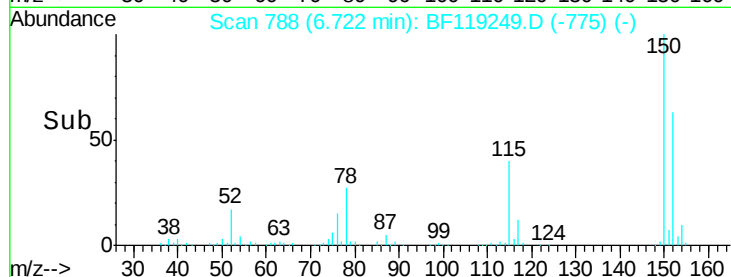
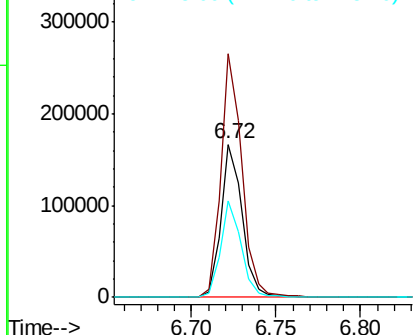
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF119249.D
 Acq: 6 Mar 2020 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 146558
 Ion Ratio Lower Upper
 152 100
 150 159.2 123.0 184.6
 115 63.0 49.5 74.3



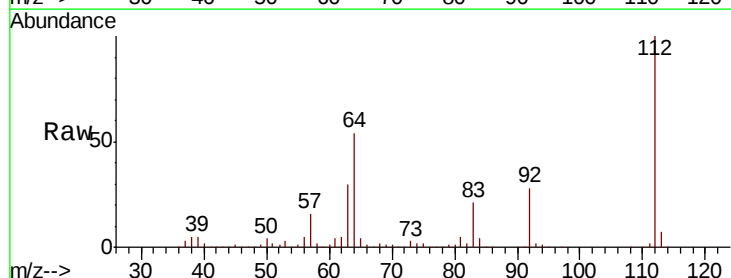
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



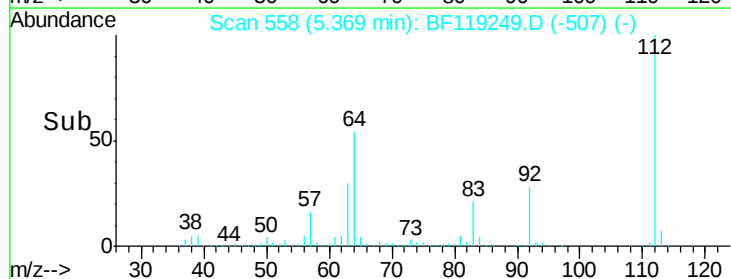
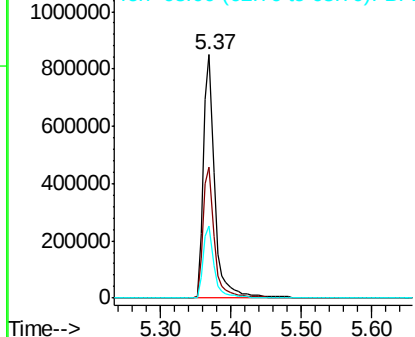
#5

2-Fluorophenol
 Concen: 109.304 ng
 RT: 5.37 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF119249.D
 Acq: 6 Mar 2020 10:12

Tgt Ion:112 Resp: 958569
 Ion Ratio Lower Upper
 112 100
 64 54.0 45.0 67.4
 63 29.6 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: 99.739 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

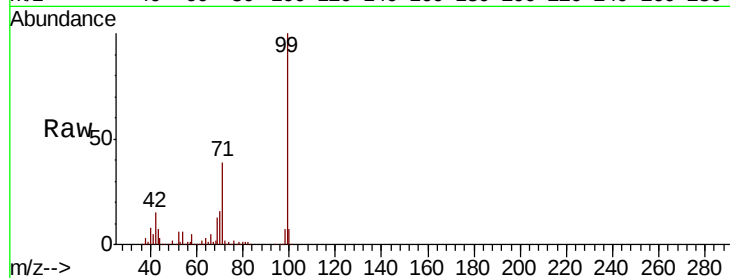
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1063780

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.6	18.8
71	39.4	31.0	46.4

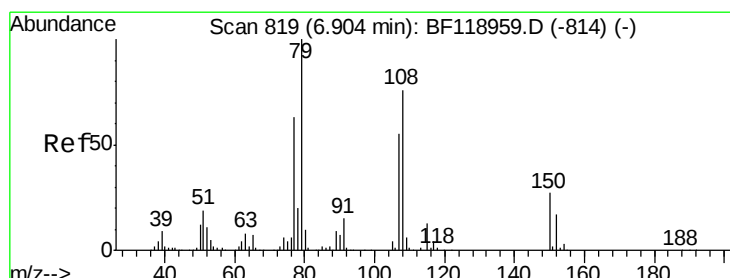
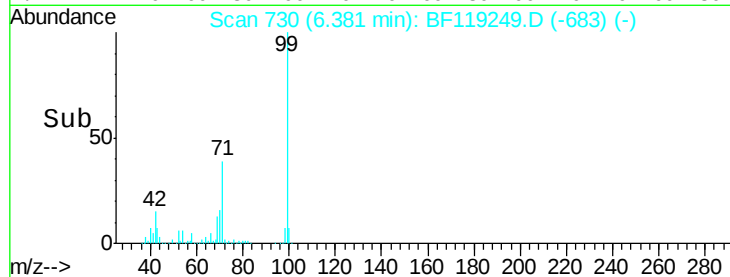


Abundance

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: 2.062 ng

RT: 6.88 min Scan# 815

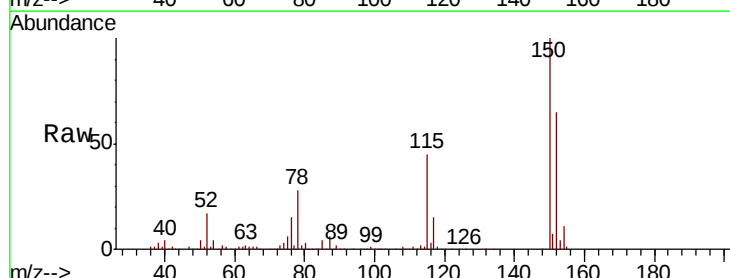
Delta R.T. -0.02 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

Tgt Ion: 79 Resp: 15897

Ion	Ratio	Lower	Upper
79	100		
108	33.5	58.2	87.2#
77	105.9	51.2	76.8#

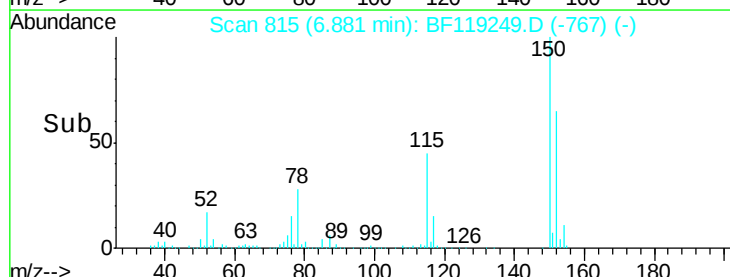


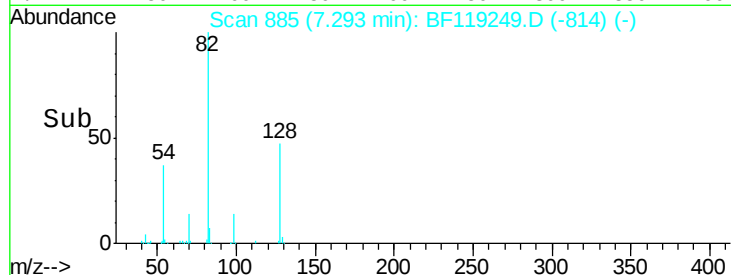
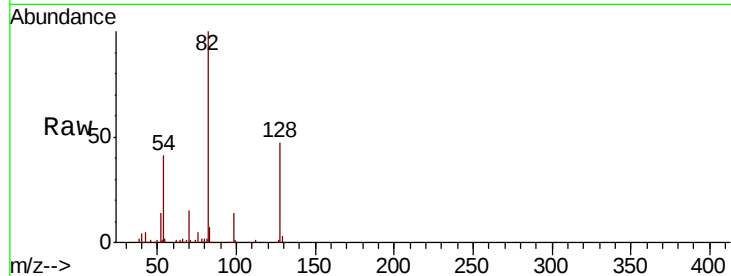
Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

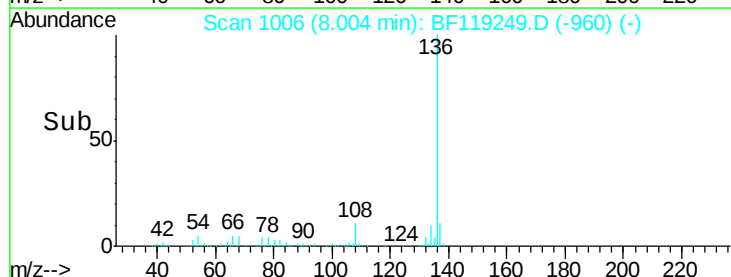
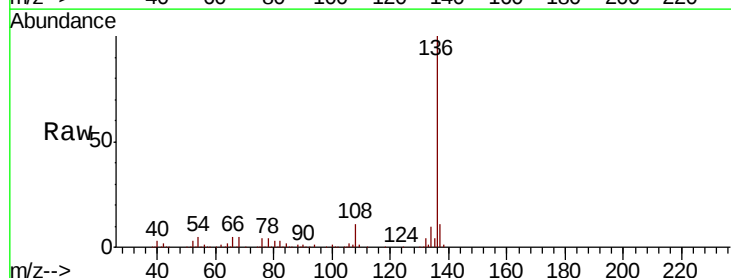
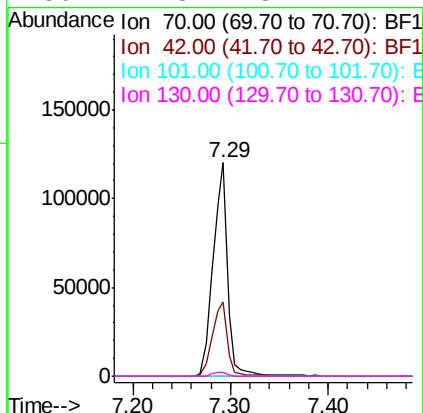




#19
n-Nitroso-di-n-propylamine
Concen: 19.909 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.12 min
Lab File: BF119249.D
Acq: 6 Mar 2020 10:12

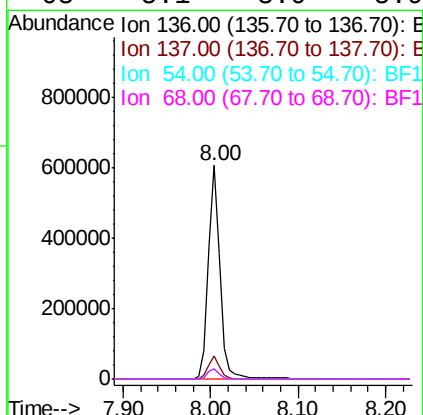
Instrument :
BNA_F
ClientSampleId :

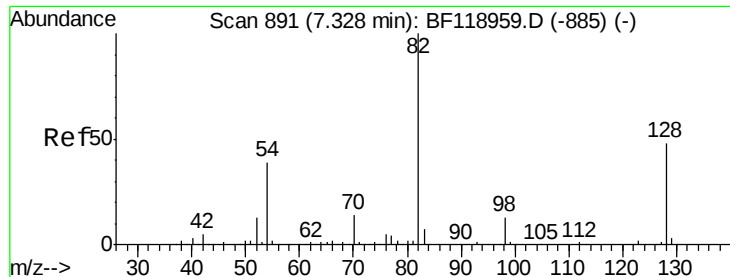
Tot Ion: 70 Resp: 123729
Ion Ratio Lower Upper
70 100
42 35.0 38.0 57.0#
101 0.0 8.2 12.4#
130 1.8 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF119249.D
Acq: 6 Mar 2020 10:12

Tgt Ion: 136 Resp: 567771
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.0 3.8 5.6
68 5.1 3.9 5.9

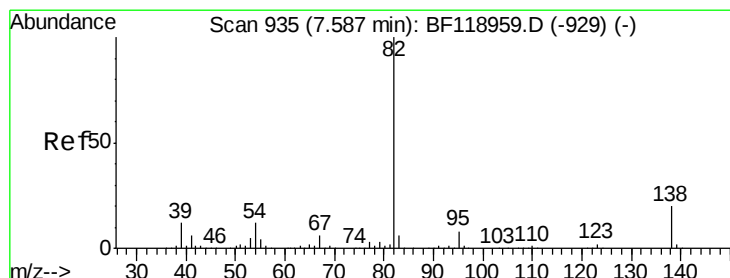
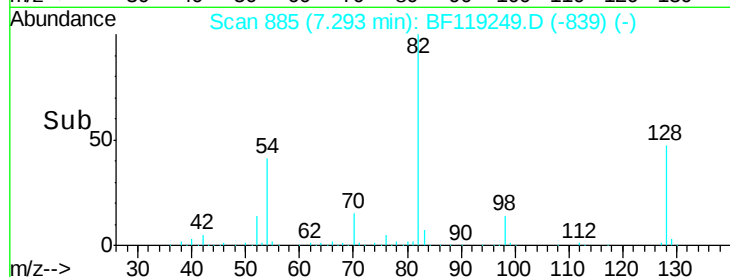
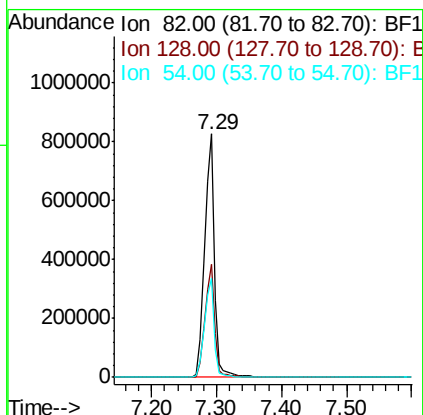
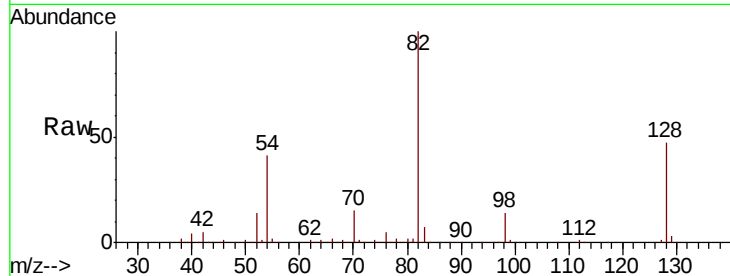




#23
 Nitrobenzene-d5
 Concen: 80.684 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119249.D
 Acq: 6 Mar 2020 10:12

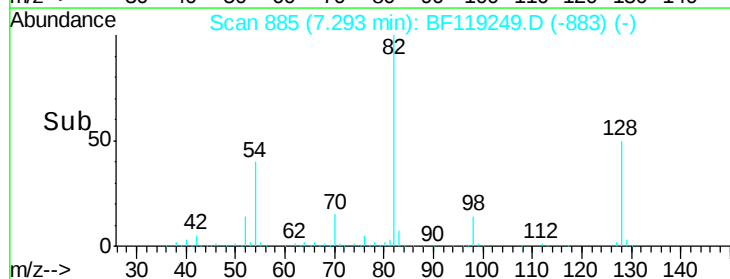
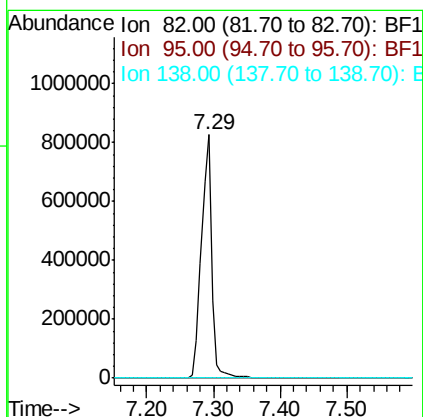
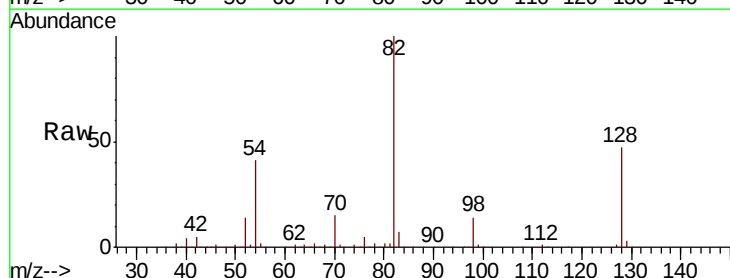
Instrument :
 BNA_F
 ClientSampled :

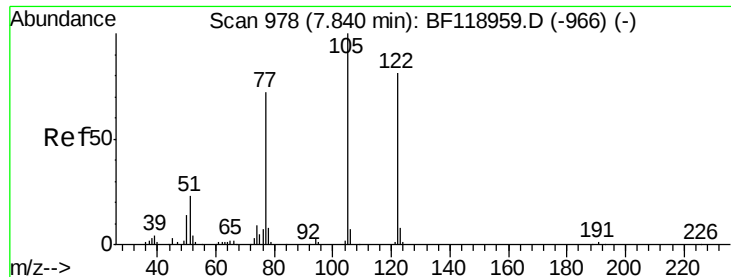
Tot Ion: 82 Resp: 867613
 Ion Ratio Lower Upper
 82 100
 128 46.5 37.9 56.9
 54 40.5 33.4 50.2



#25
 Isophorone
 Concen: 46.458 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.29 min
 Lab File: BF119249.D
 Acq: 6 Mar 2020 10:12

Tgt Ion: 82 Resp: 867608
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.4 9.6#
 138 0.0 15.7 23.5#

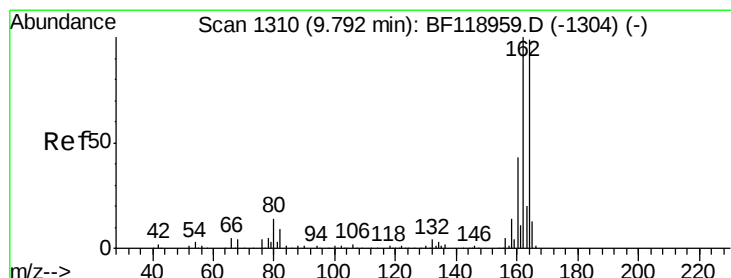
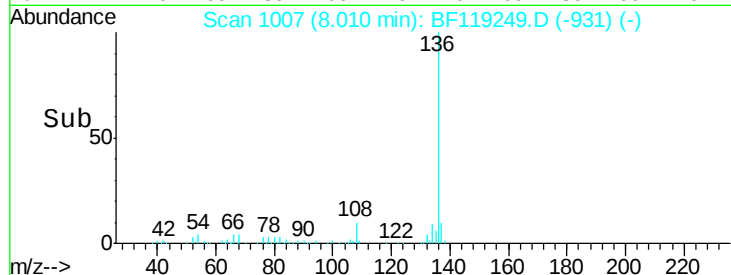
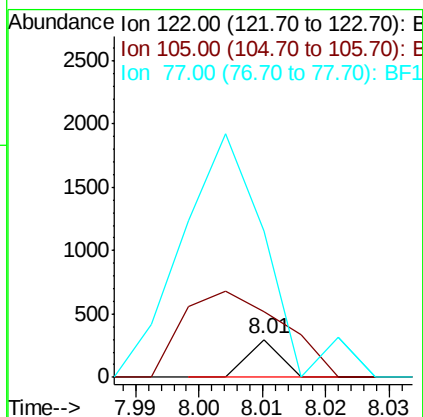
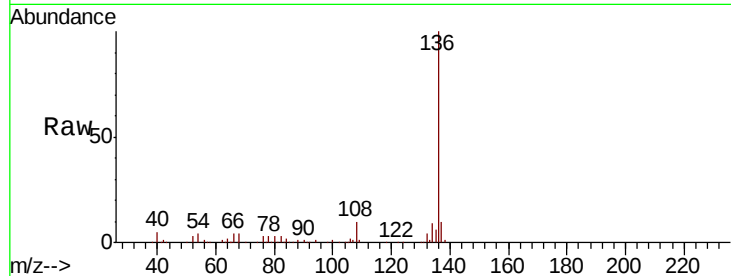




#32
Benzoic acid
Concen: 6.696 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.15 min
Lab File: BF119249.D
Acq: 6 Mar 2020 10:12

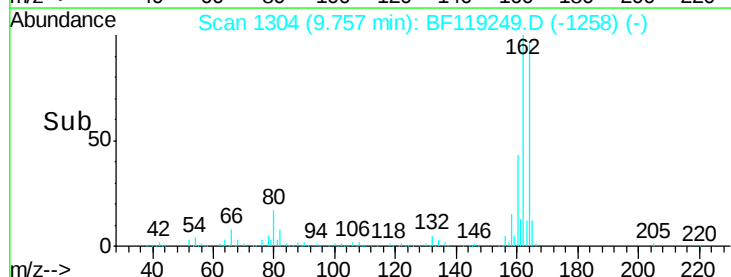
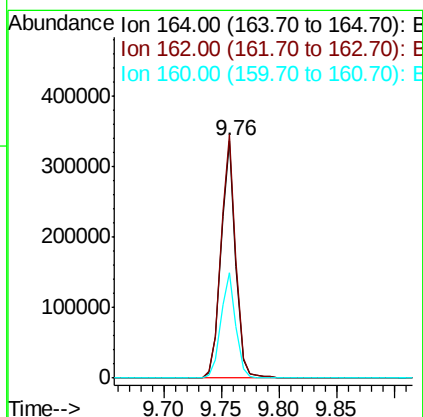
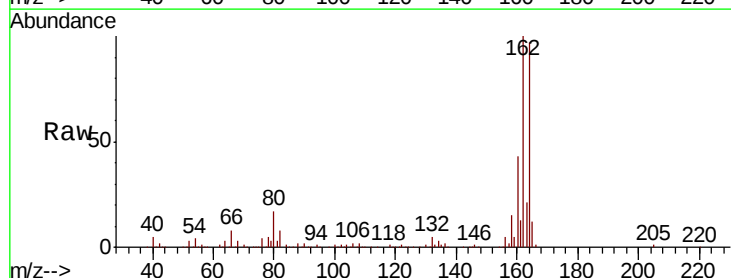
Instrument :
BNA_F
ClientSampleId :

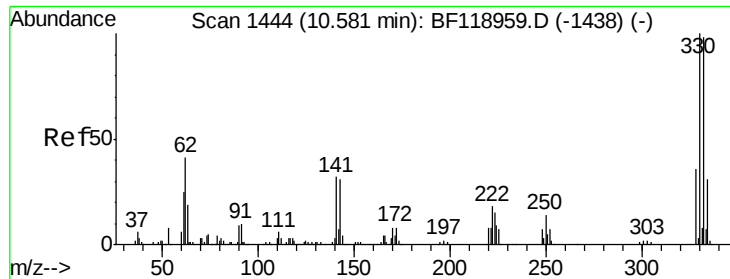
Tot Ion:122 Resp: 106
Ion Ratio Lower Upper
122 100
105 170.8 106.3 146.3#
77 383.7 73.1 113.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF119249.D
Acq: 6 Mar 2020 10:12

Tgt Ion:164 Resp: 295490
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.8
160 44.5 36.0 54.0

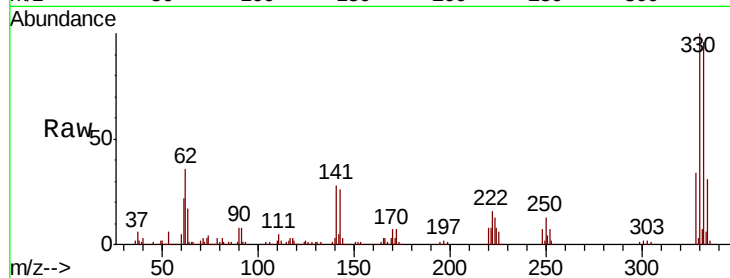




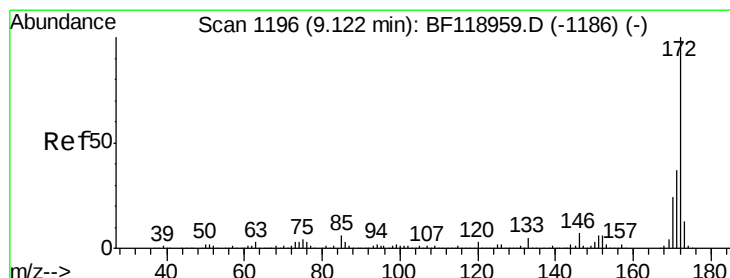
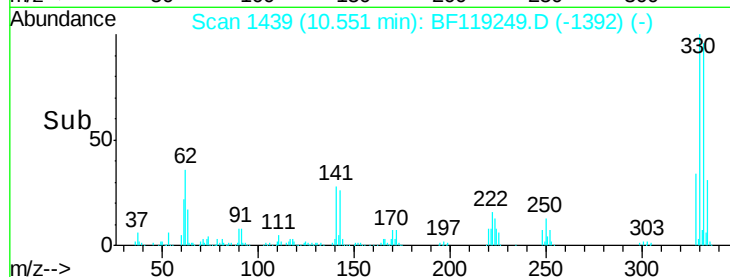
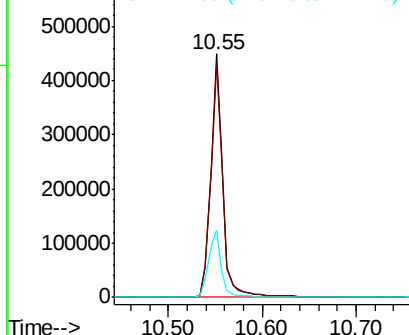
#42
 2,4,6-Tribromophenol
 Concen: 106.274 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119249.D
 Acq: 6 Mar 2020 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 410803
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.0 114.0
 141 29.3 22.9 34.3

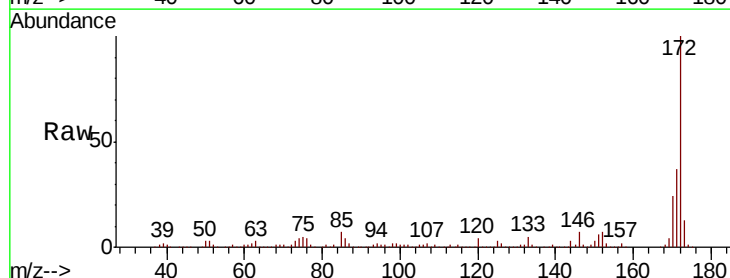


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

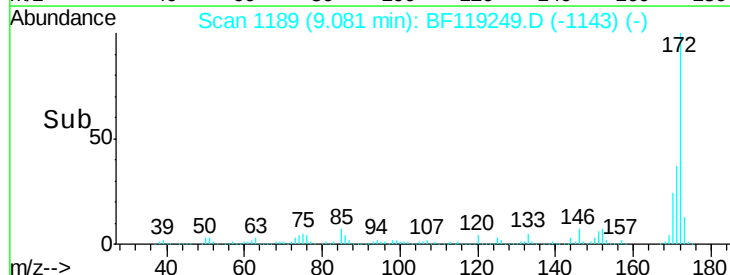
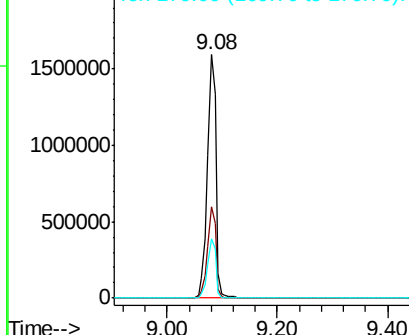


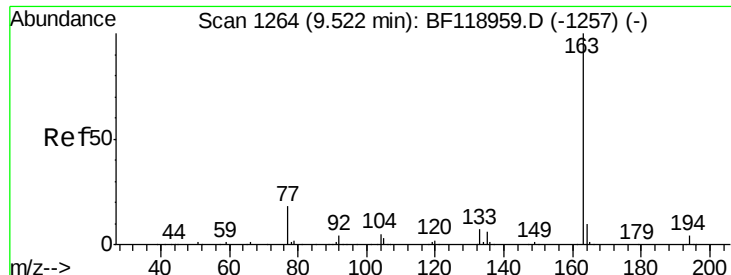
#45
 2-Fluorobiphenyl
 Concen: 82.405 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119249.D
 Acq: 6 Mar 2020 10:12

Tgt Ion:172 Resp: 1652876
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.6 45.8
 170 24.5 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

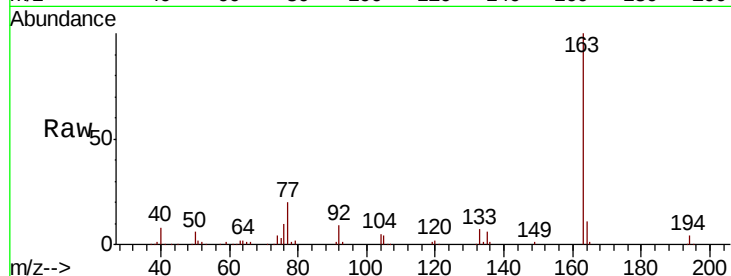




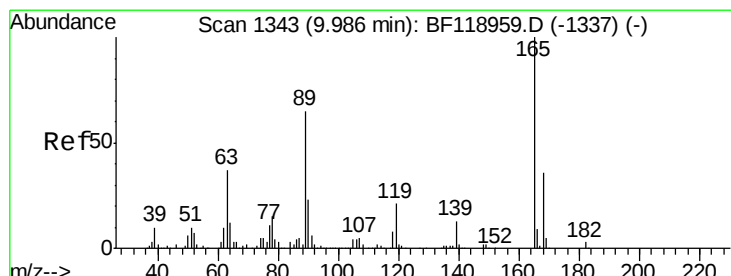
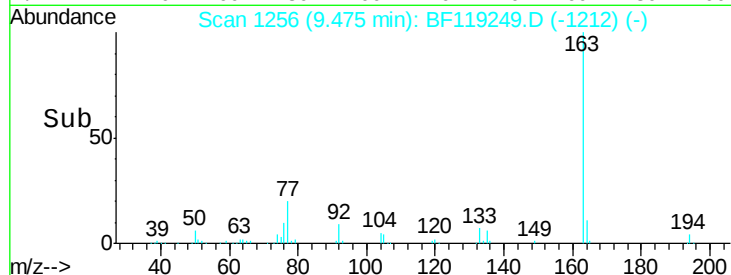
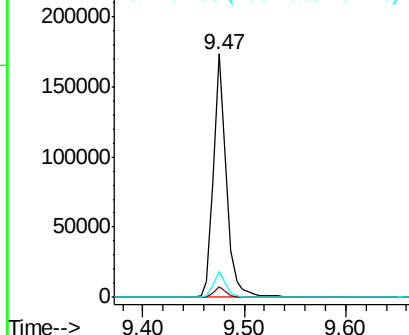
#50
Dimethylphthalate
Concen: 6.894 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF119249.D
Acq: 6 Mar 2020 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 155775
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.5 8.4 12.6

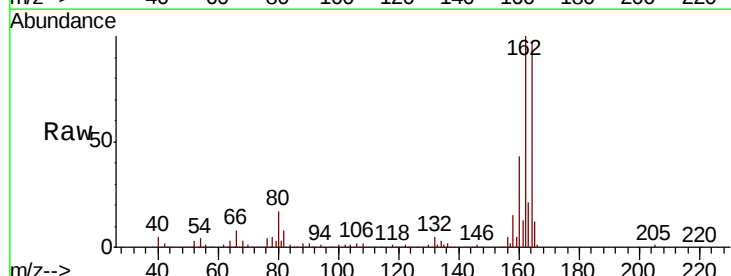


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

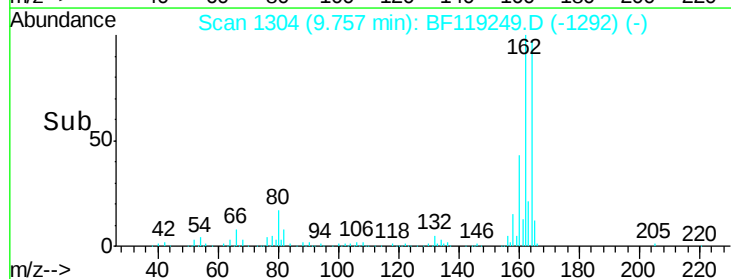
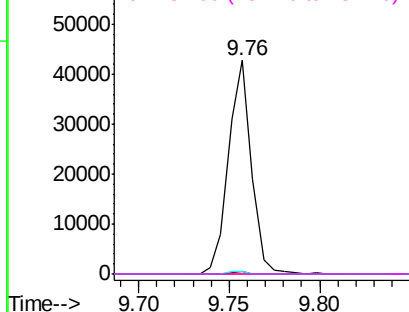


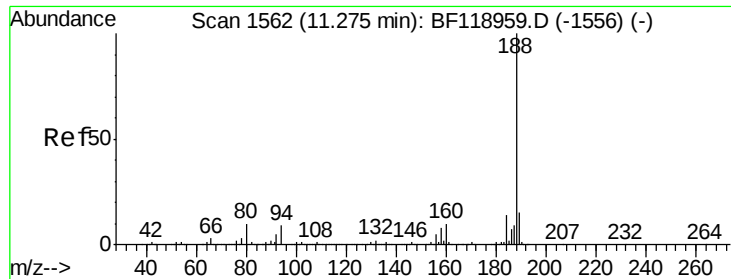
#57
2,4-Dinitrotoluene
Concen: 5.796 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.23 min
Lab File: BF119249.D
Acq: 6 Mar 2020 10:12

Tgt Ion:165 Resp: 37712
Ion Ratio Lower Upper
165 100
63 1.2 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

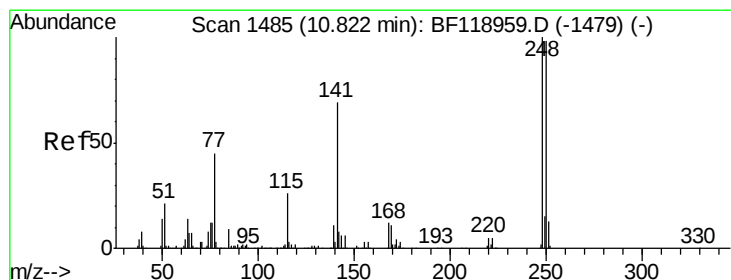
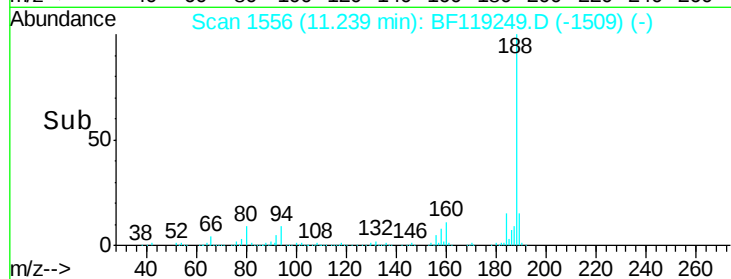
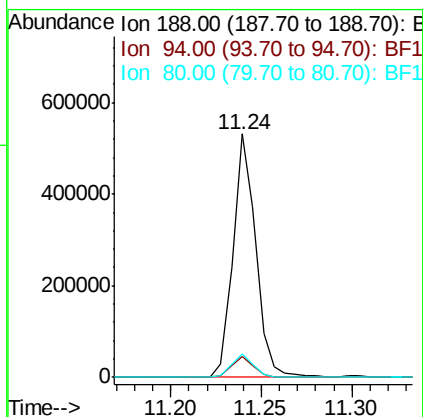
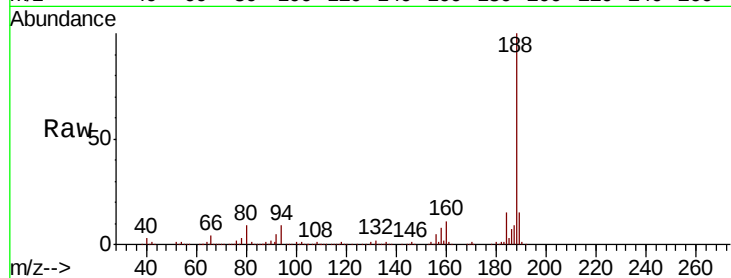




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF119249.D
Acq: 6 Mar 2020 10:12

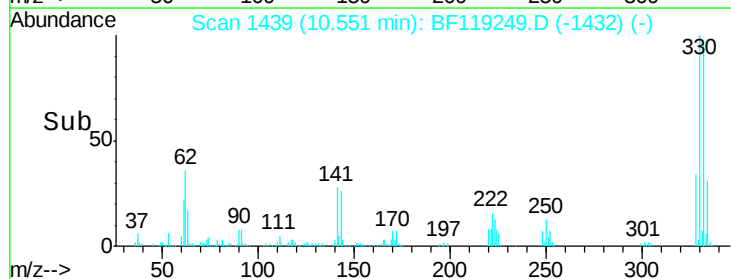
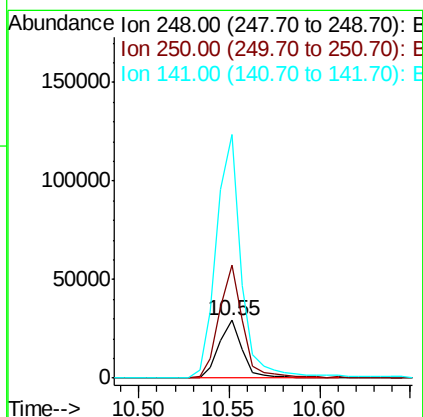
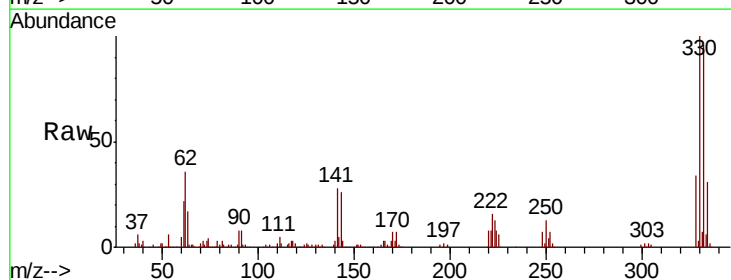
Instrument :
BNA_F
ClientSampleId :

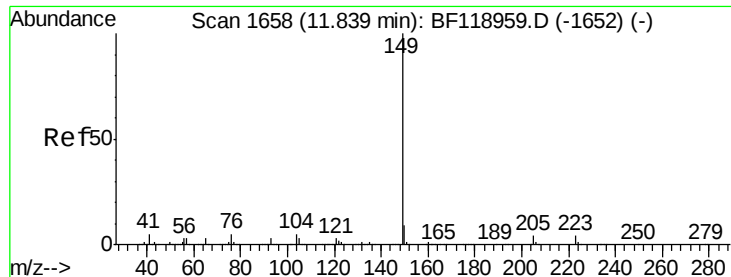
Tot Ion:188 Resp: 466381
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.4 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.366 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.26 min
Lab File: BF119249.D
Acq: 6 Mar 2020 10:12

Tgt Ion:248 Resp: 26614
Ion Ratio Lower Upper
248 100
250 195.2 76.7 115.1#
141 421.2 60.7 91.1#





#74

Di-n-butylphthalate

Concen: 5.677 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.03 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

Instrument :

BNA_F

ClientSampleId :

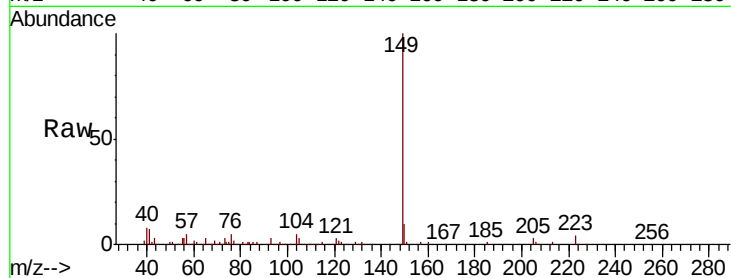
Tot Ion:149 Resp: 155649

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

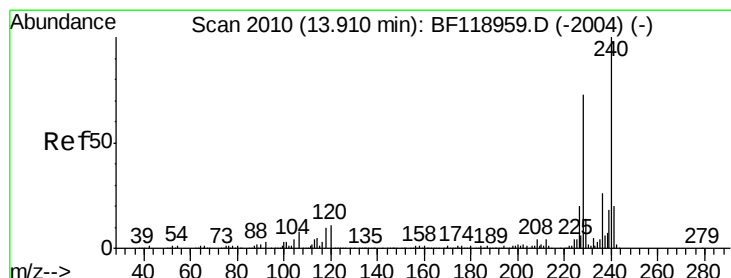
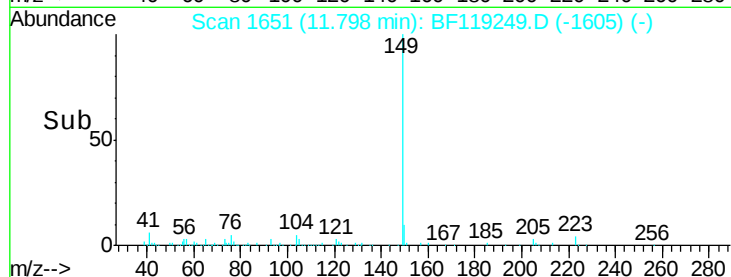
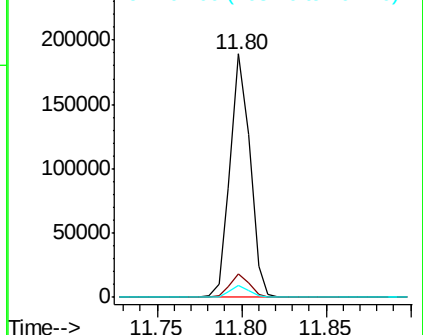
104 5.1 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

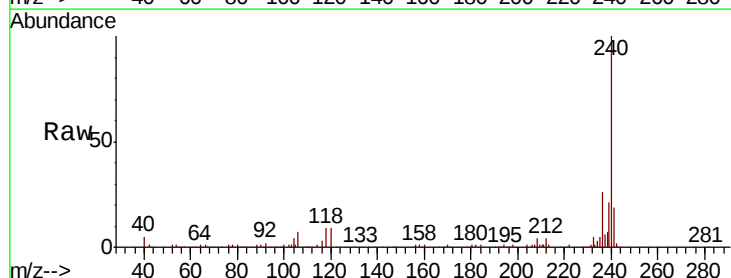
Tgt Ion:240 Resp: 262029

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

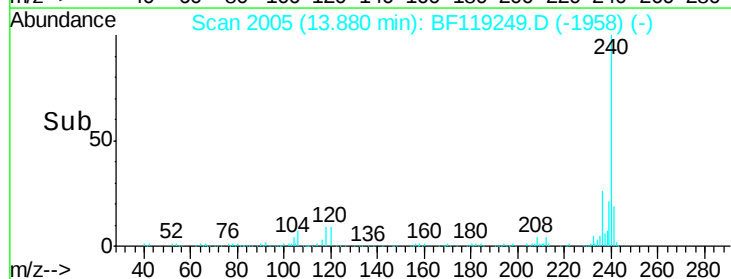
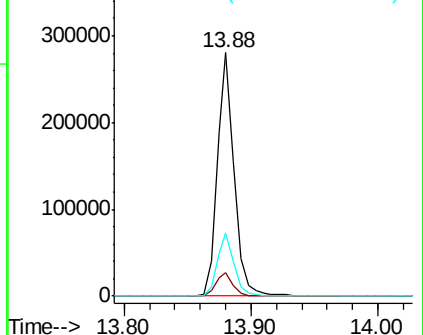
236 26.2 21.0 31.4

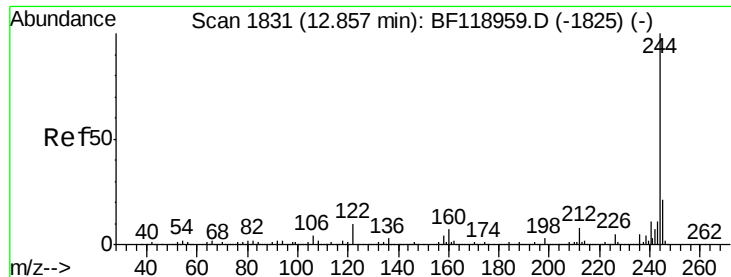


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.719 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

Instrument :

BNA_F

ClientSampleId :

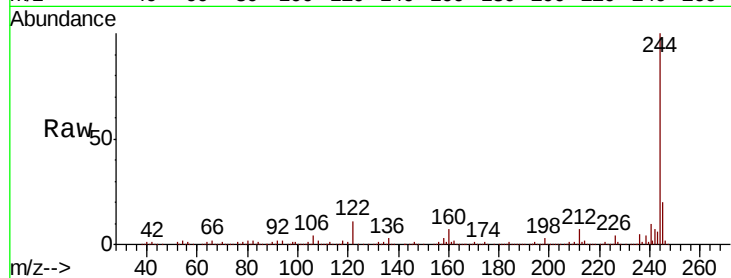
Tot Ion:244 Resp: 1441564

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

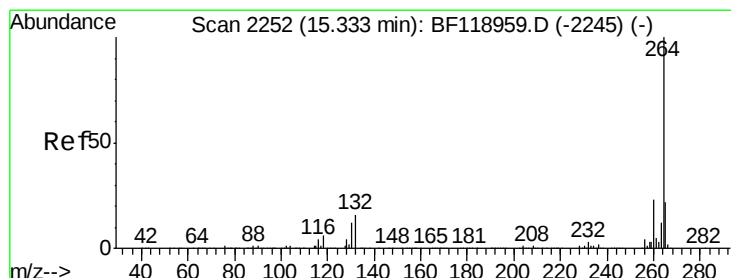
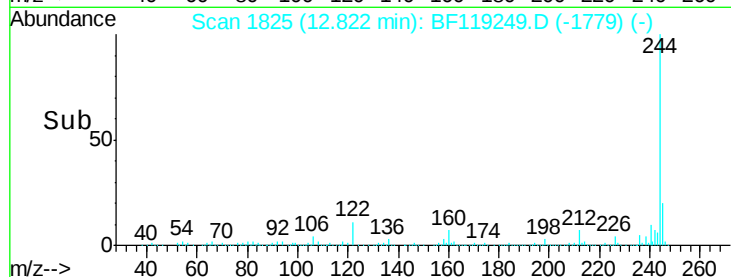
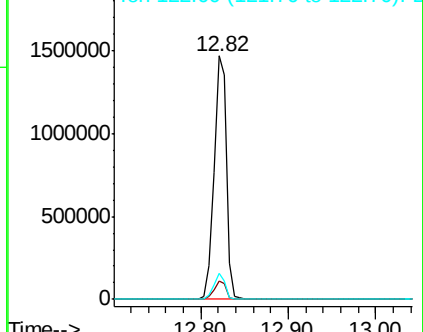
122 10.8 8.2 12.2



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: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF119249.D

Acq: 6 Mar 2020 10:12

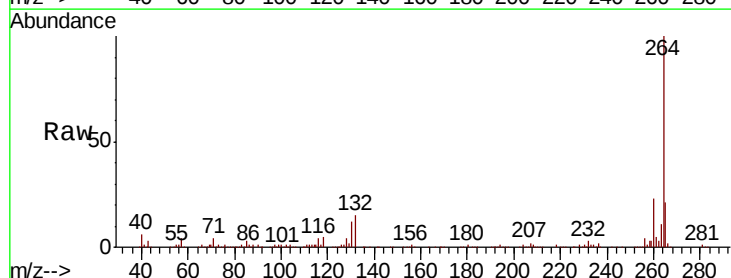
Tgt Ion:264 Resp: 319169

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.4 17.7 26.5



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

