

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119326.D
 Acq On : 10 Mar 2020 19:52
 Operator : CG/JU
 Sample : L1852-23 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 01:41:31 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

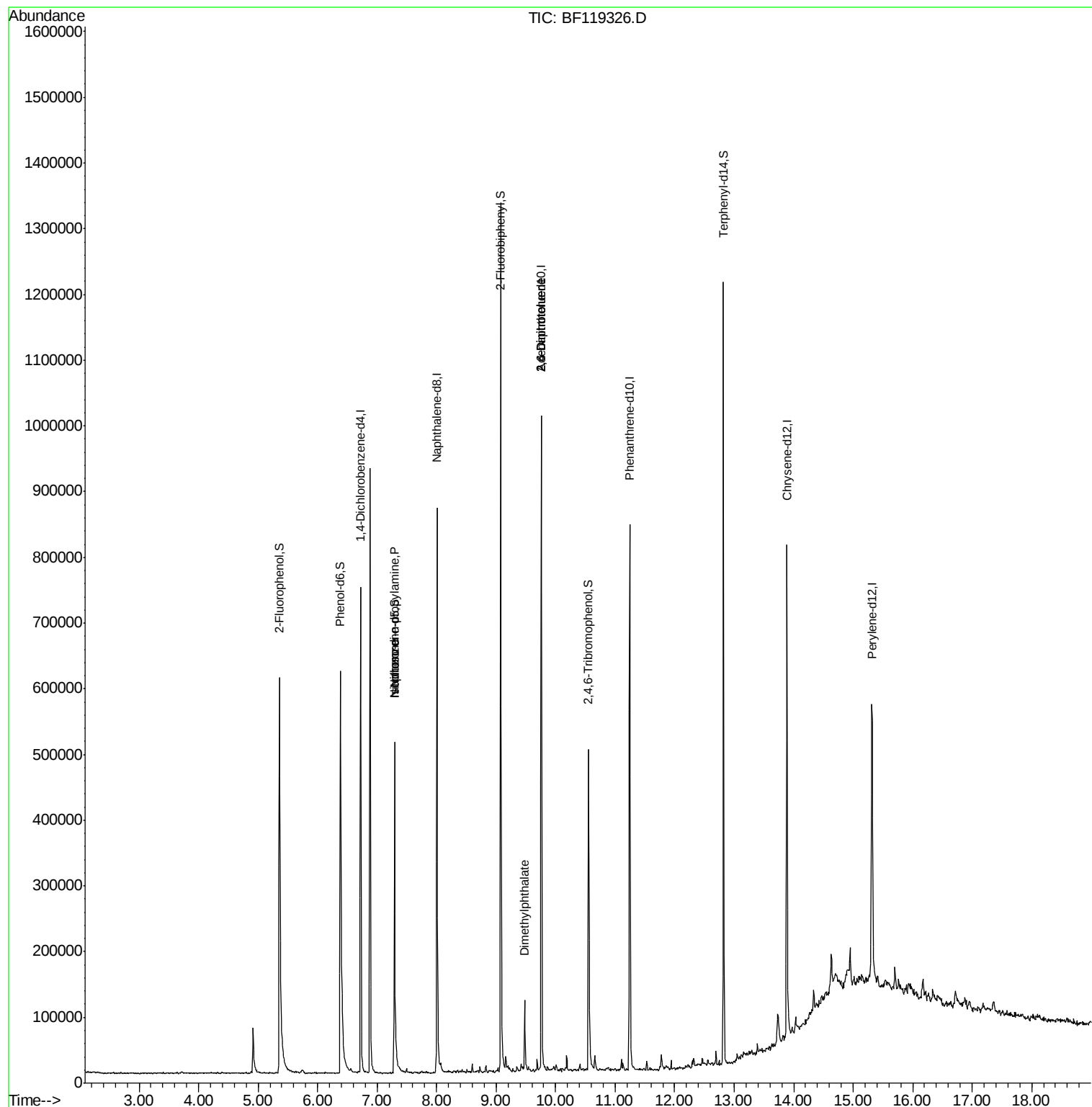
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	118044	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	438809	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	213766	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	319746	20.00	ng	0.00
76) Chrysene-d12	13.89	240	258259	20.00	ng	0.00
87) Perylene-d12	15.32	264	219837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	286620	40.58	ng	0.00
7) Phenol-d6	6.38	99	355000	41.32	ng	0.00
23) Nitrobenzene-d5	7.29	82	221341	26.63	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	78202	27.97	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	445311	30.69	ng	0.00
79) Terphenyl-d14	12.82	244	412301	27.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	30565	6.106	ng	# 73
25) Isophorone	7.29	82	221341	15.335	ng	# 63
50) Dimethylphthalate	9.48	163	50322	3.079	ng	100
51) 2,6-Dinitrotoluene	9.76	165	27448	7.558	ng	# 34
57) 2,4-Dinitrotoluene	9.76	165	27448	5.831	ng	# 21

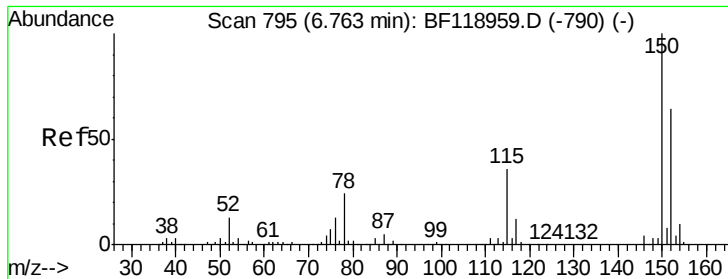
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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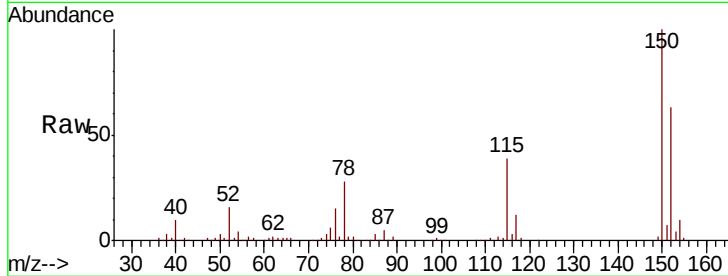


#1

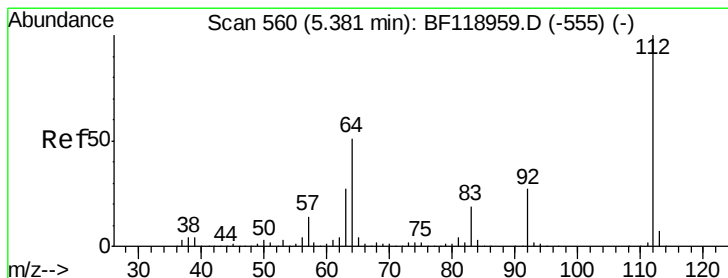
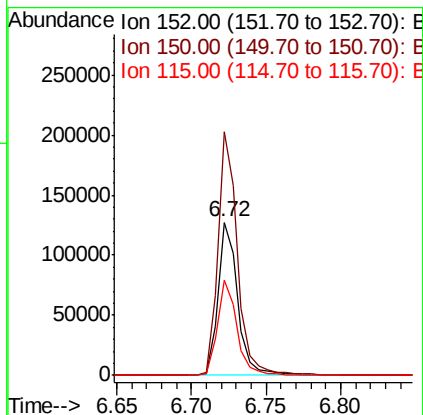
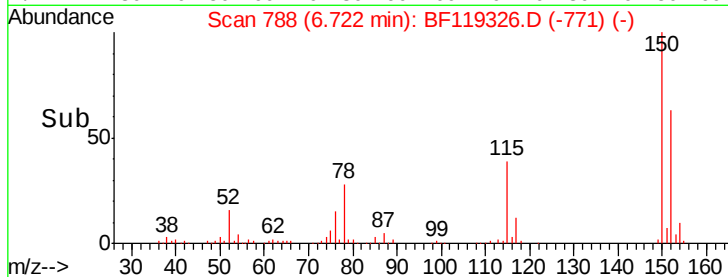
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF119326.D
Acq: 10 Mar 2020 19:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 118044
Ion Ratio Lower Upper
152 100
150 159.2 123.0 184.6
115 62.5 49.5 74.3



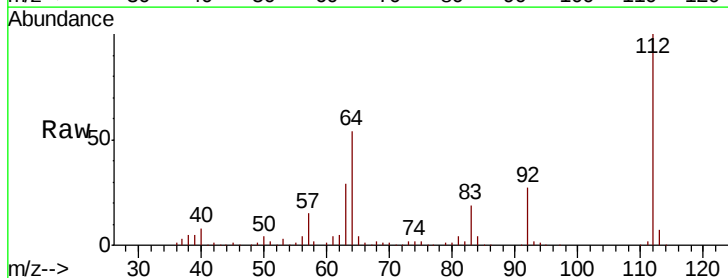
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



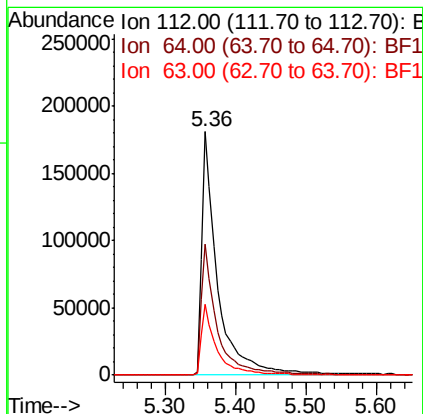
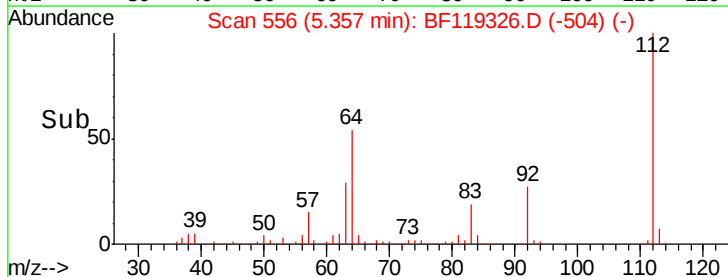
#5

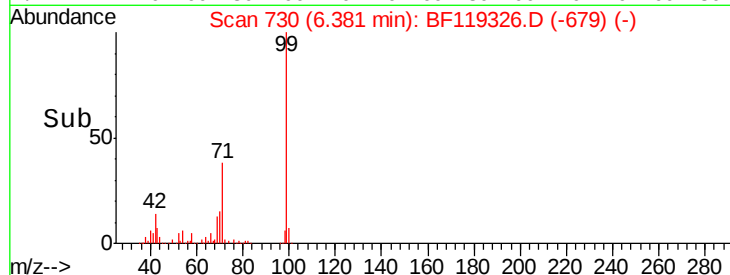
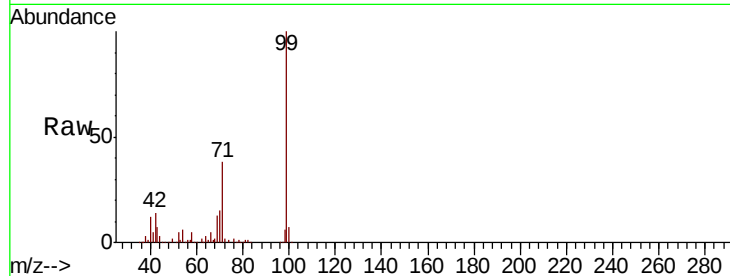
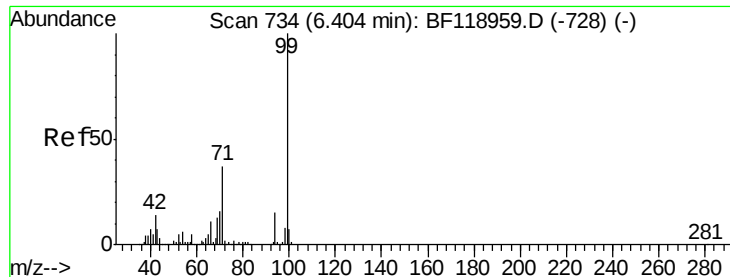
2-Fluorophenol
Concen: 40.577 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119326.D
Acq: 10 Mar 2020 19:52

Tgt Ion:112 Resp: 286620
Ion Ratio Lower Upper
112 100
64 54.0 45.0 67.4
63 29.0 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: 41.325 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119326.D

Acq: 10 Mar 2020 19:52

Instrument :

BNA_F

ClientSampleId :

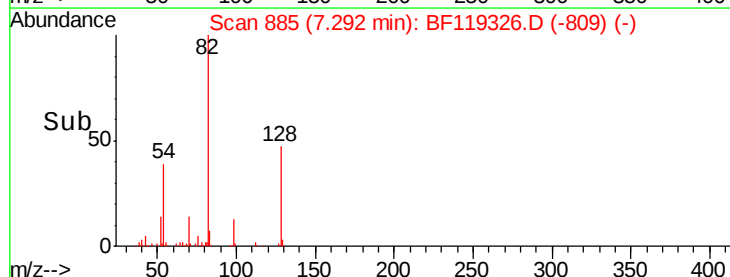
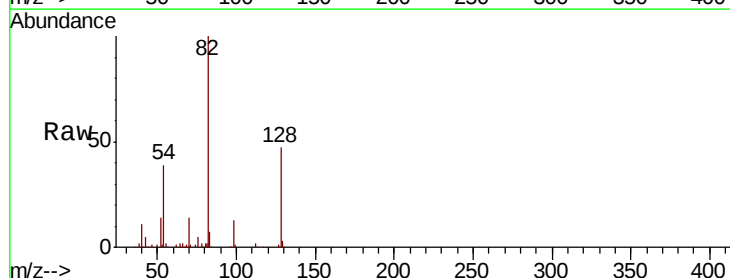
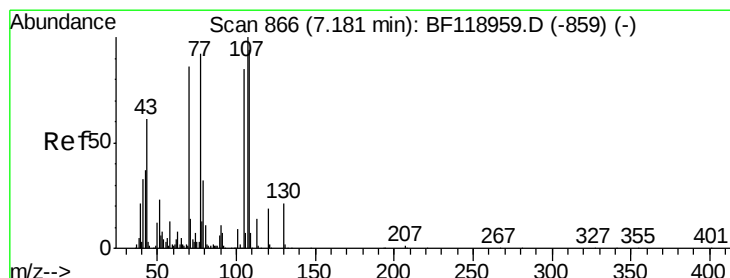
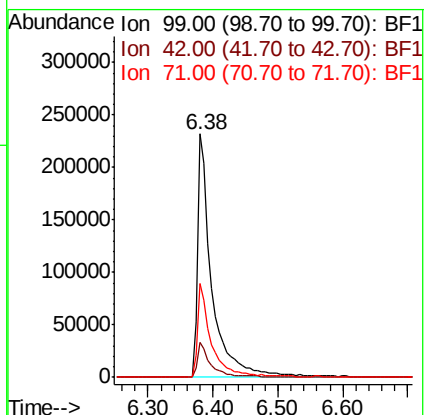
Tot Ion: 99 Resp: 355000

Ion Ratio Lower Upper

99 100

42 14.2 12.6 18.8

71 38.4 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 6.106 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF119326.D

Acq: 10 Mar 2020 19:52

Tgt Ion: 70 Resp: 30565

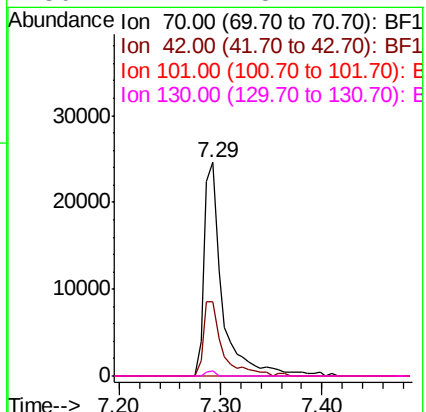
Ion Ratio Lower Upper

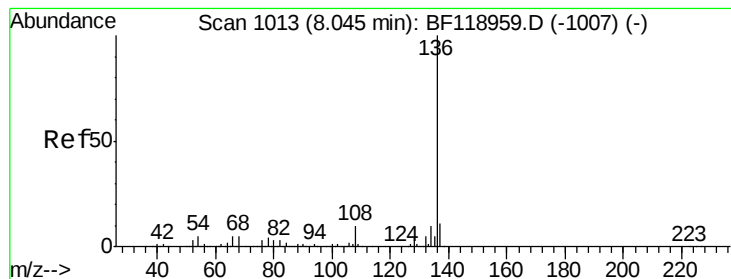
70 100

42 34.9 38.0 57.0#

101 0.0 8.2 12.4#

130 2.2 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: BF119326.D

Acq: 10 Mar 2020 19:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 438809

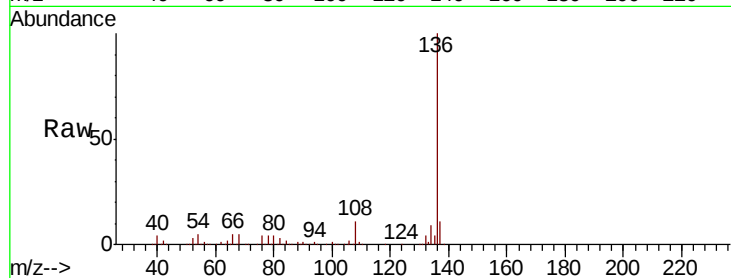
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 5.2 3.8 5.6

68 5.4 3.9 5.9

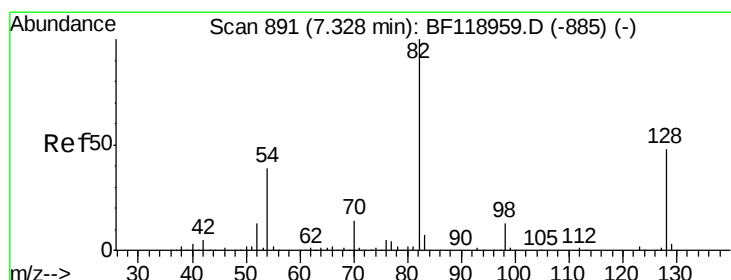
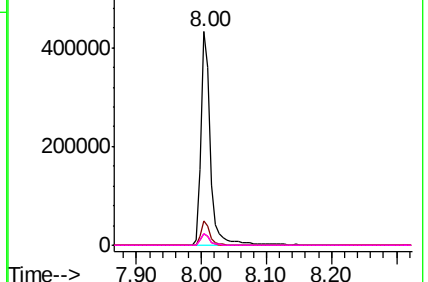
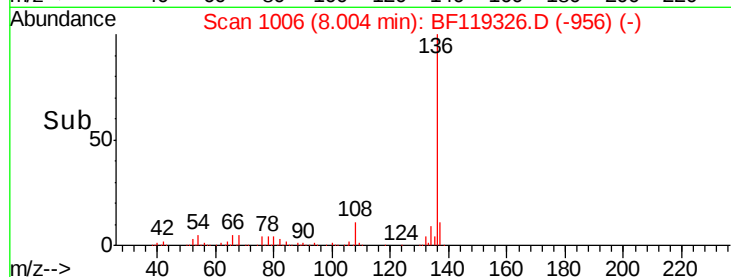


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 26.633 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF119326.D

Acq: 10 Mar 2020 19:52

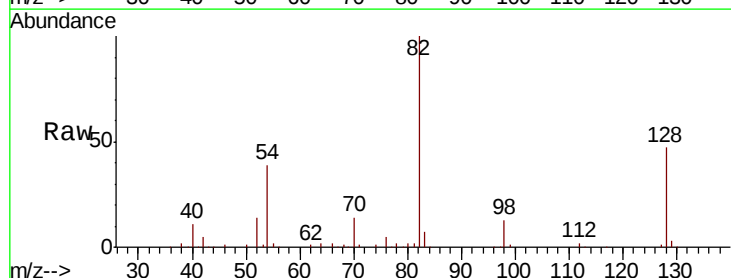
Tgt Ion: 82 Resp: 221341

Ion Ratio Lower Upper

82 100

128 47.4 37.9 56.9

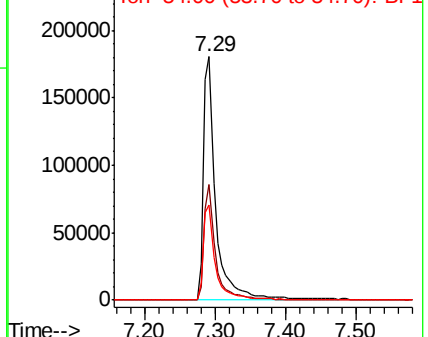
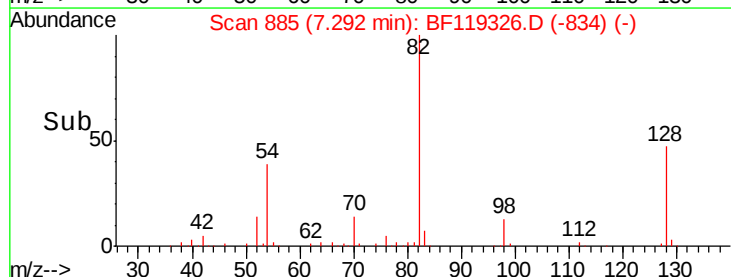
54 39.2 33.4 50.2

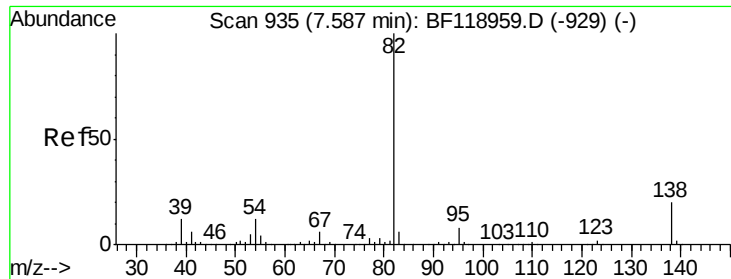


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 15.335 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119326.D

Acq: 10 Mar 2020 19:52

Instrument :

BNA_F

ClientSampled :

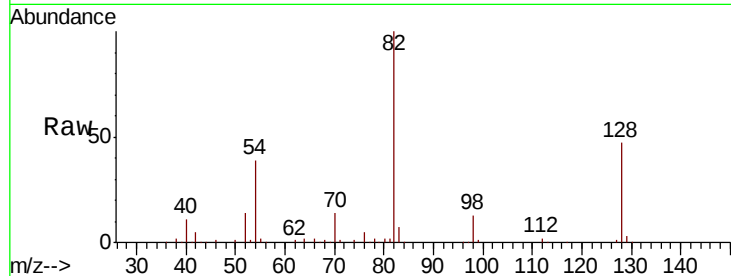
Tot Ion: 82 Resp: 221341

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

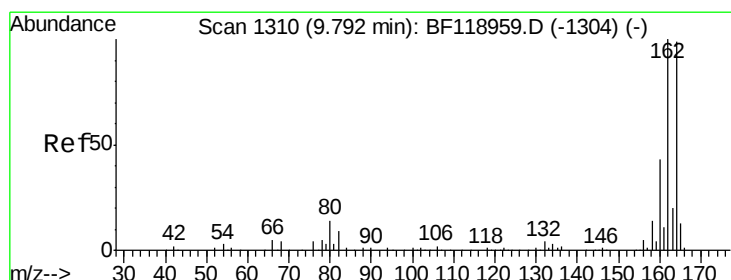
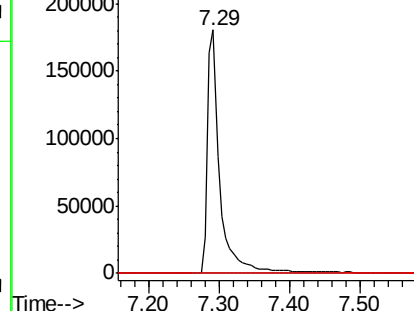
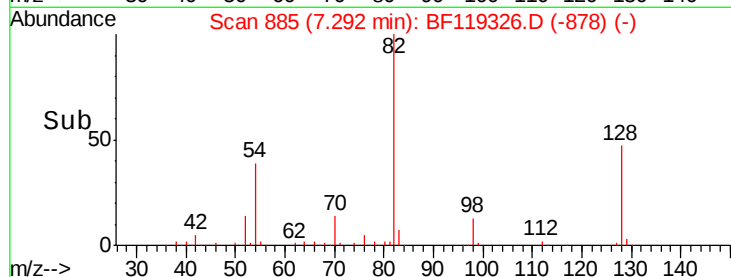
138 0.0 15.7 23.5#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119326.D

Acq: 10 Mar 2020 19:52

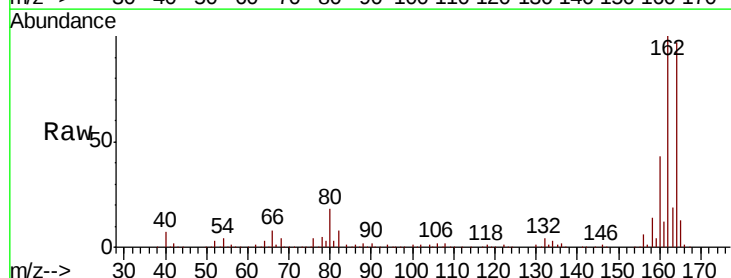
Tgt Ion: 164 Resp: 213766

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.8

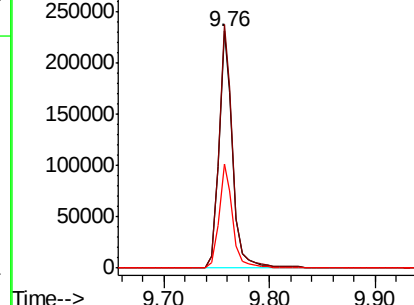
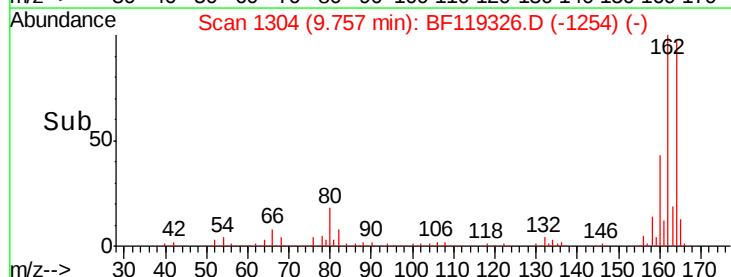
160 44.0 36.0 54.0

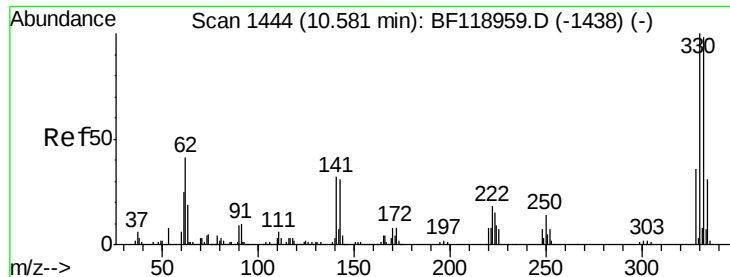


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

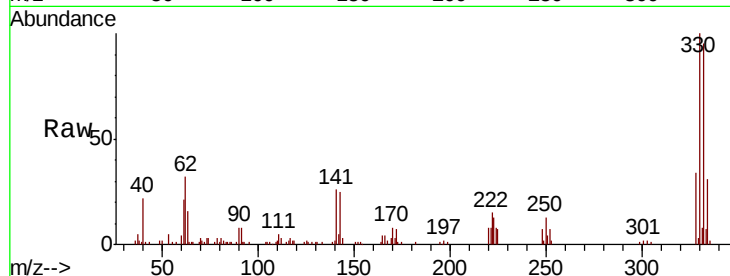




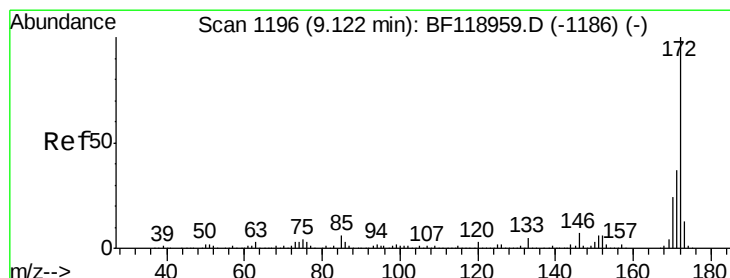
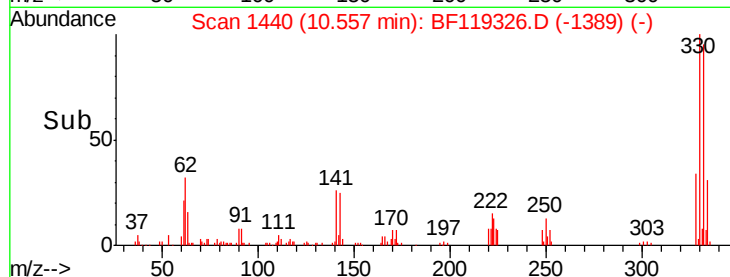
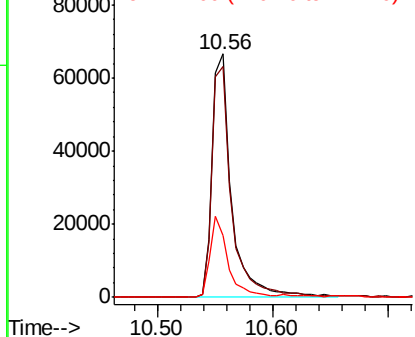
#42
 2,4,6-Tribromophenol
 Concen: 27.965 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF119326.D
 Acq: 10 Mar 2020 19:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 78202
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.0 114.0
 141 31.5 22.9 34.3

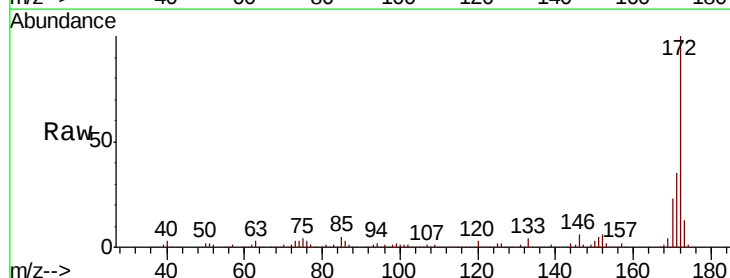


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

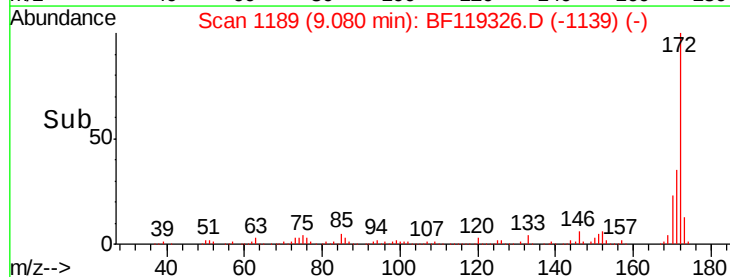
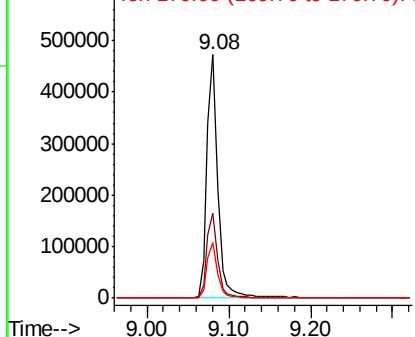


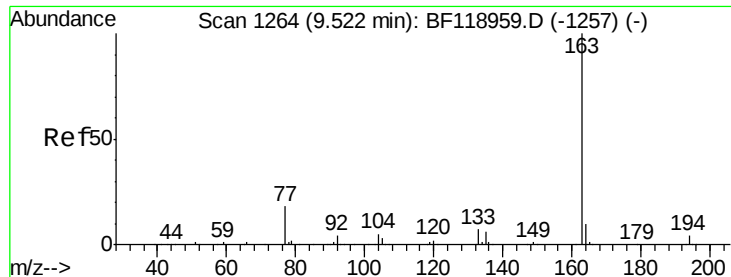
#45
 2-Fluorobiphenyl
 Concen: 30.689 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119326.D
 Acq: 10 Mar 2020 19:52

Tgt Ion:172 Resp: 445311
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.6 45.8
 170 22.6 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

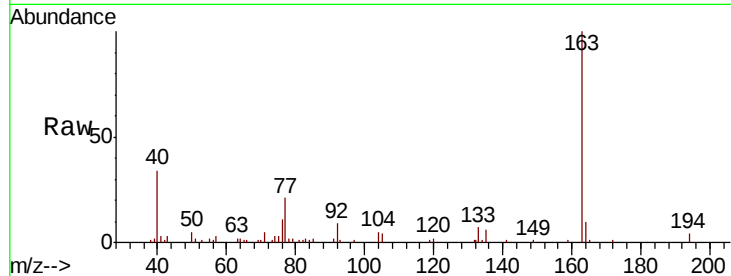




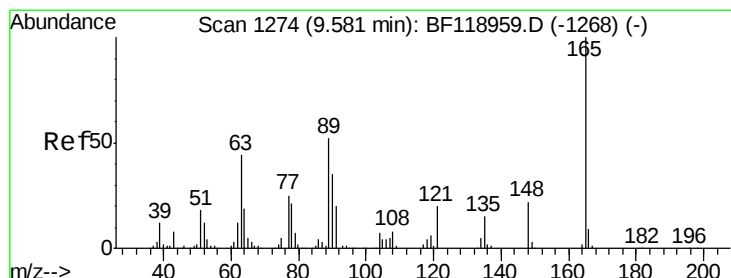
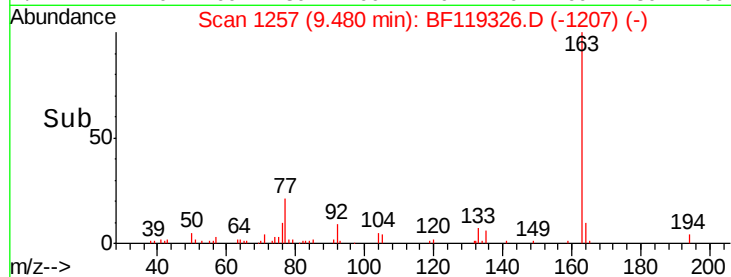
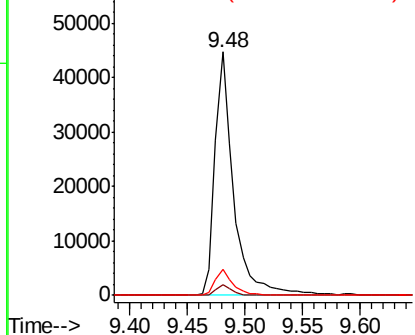
#50
Dimethylphthalate
Concen: 3.079 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF119326.D
Acq: 10 Mar 2020 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 50322
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.4 8.4 12.6

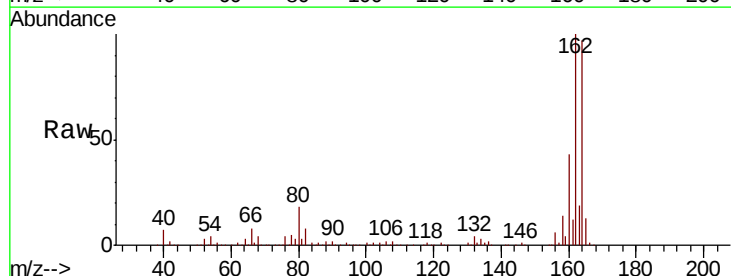


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

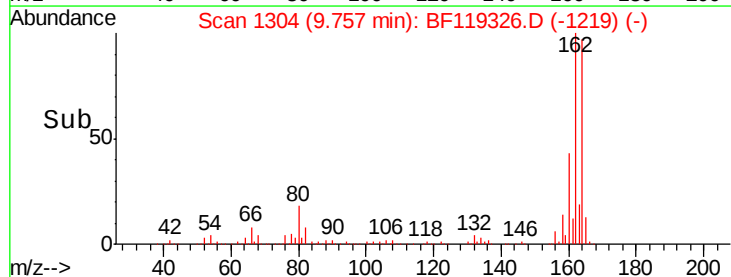
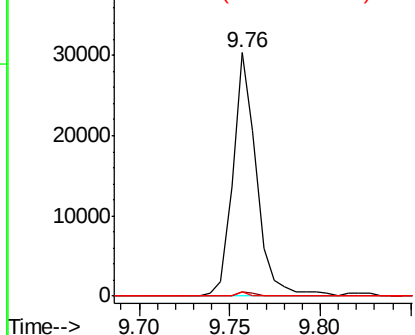


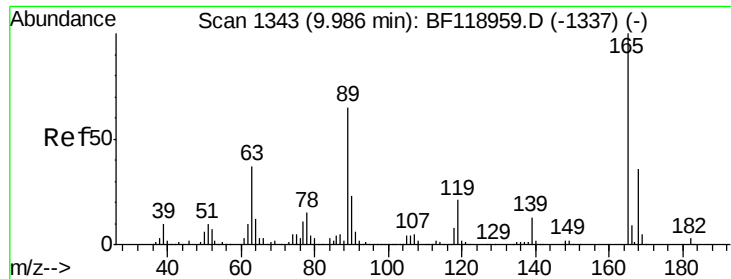
#51
2,6-Dinitrotoluene
Concen: 7.558 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119326.D
Acq: 10 Mar 2020 19:52

Tgt Ion:165 Resp: 27448
Ion Ratio Lower Upper
165 100
63 1.9 34.3 51.5#
89 1.7 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

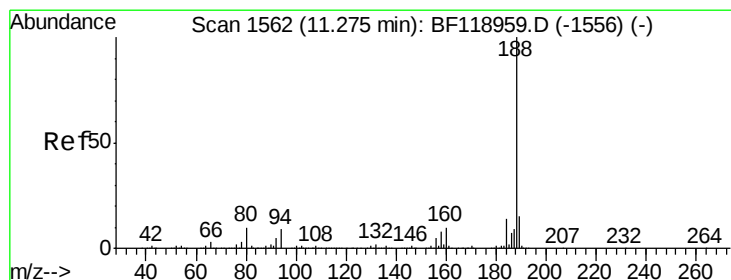
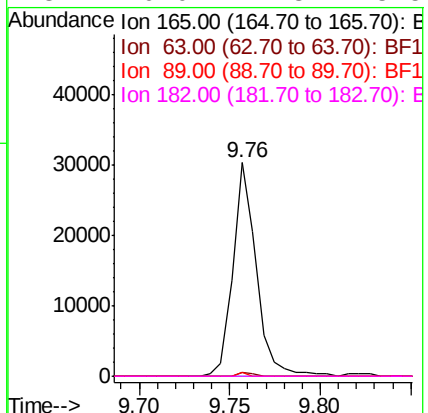
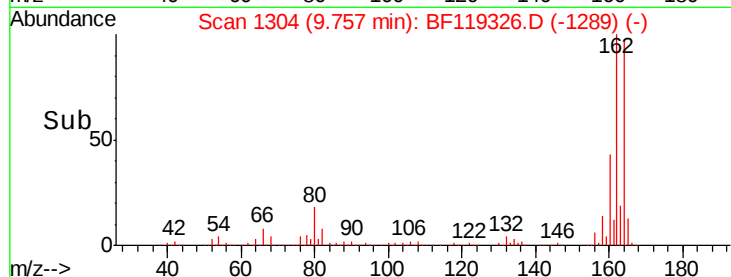
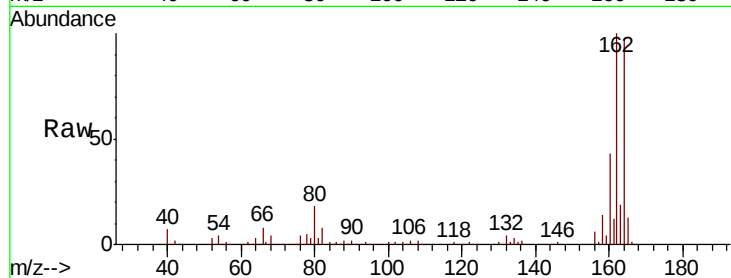




#57
2,4-Dinitrotoluene
Concen: 5.831 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119326.D
Acq: 10 Mar 2020 19:52

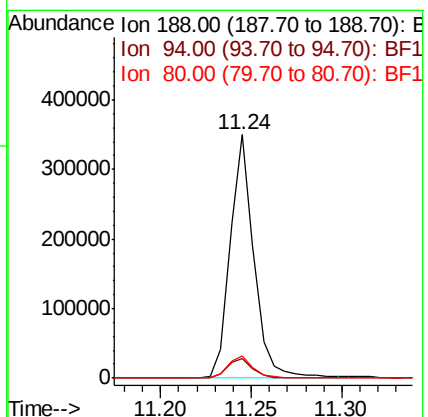
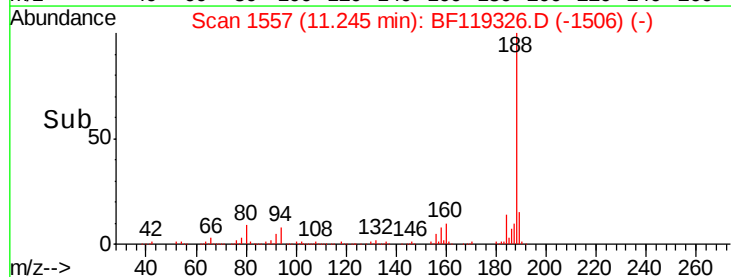
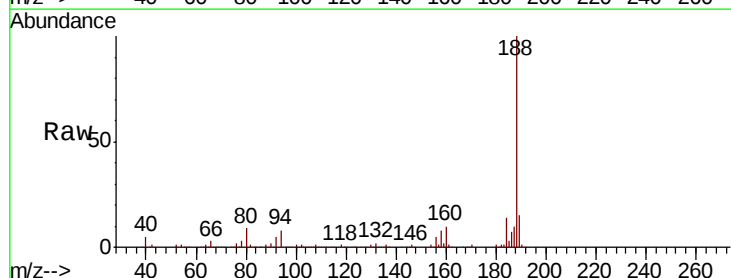
Instrument :
BNA_F
ClientSampleId :

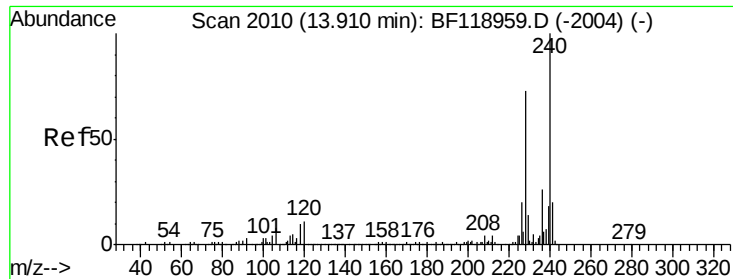
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.3	63.5#
89	1.7	60.2	90.4#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF119326.D
Acq: 10 Mar 2020 19:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.1	10.7
80	9.1	7.8	11.8

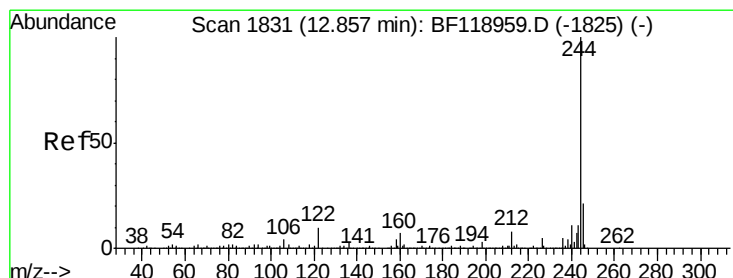
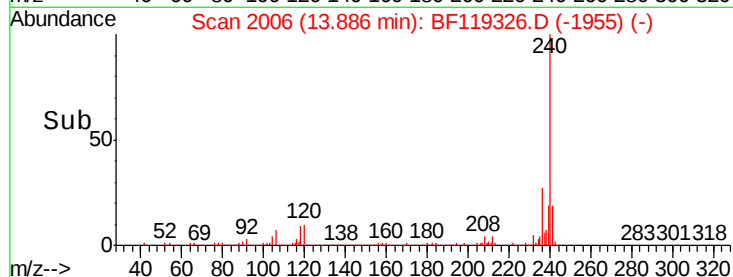
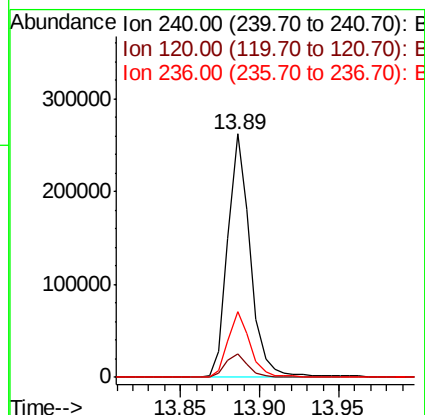
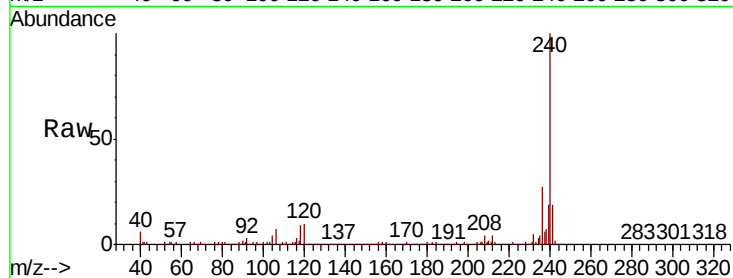




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF119326.D
 Acq: 10 Mar 2020 19:52

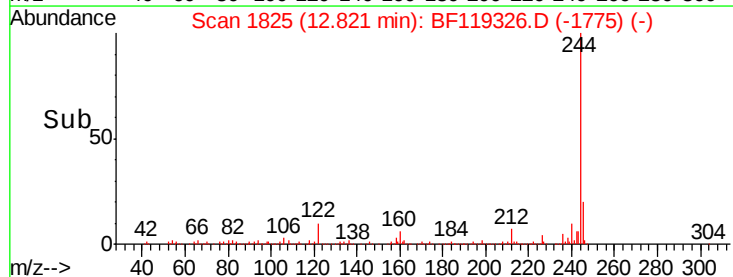
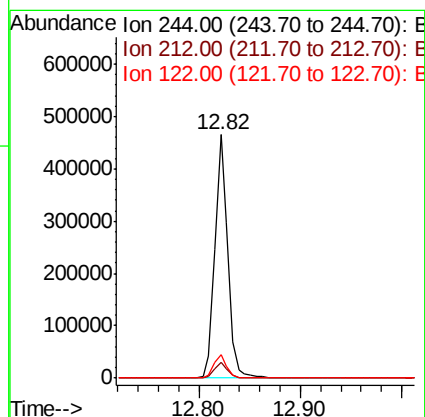
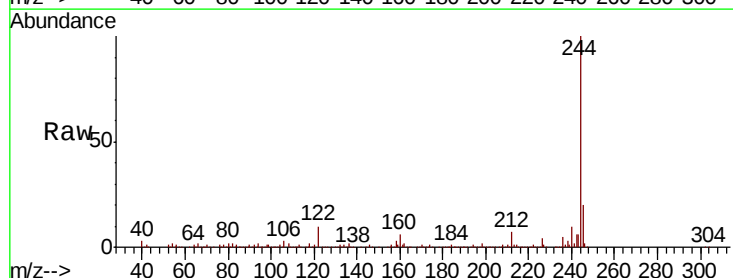
Instrument :
 BNA_F
 ClientSampleId :

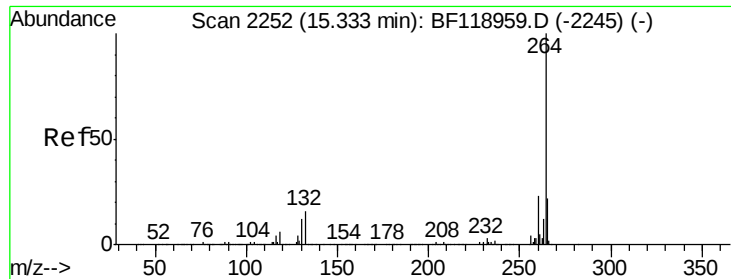
Tot Ion:240 Resp: 258259
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.4 12.6
 236 26.8 21.0 31.4



#79
 Terphenyl-d14
 Concen: 27.486 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119326.D
 Acq: 10 Mar 2020 19:52

Tgt Ion:244 Resp: 412301
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.6 10.0
 122 9.5 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119326.D
Acq: 10 Mar 2020 19:52

Instrument :
BNA_F
ClientSampleId :

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

