

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119301.D
 Acq On : 9 Mar 2020 23:55
 Operator : CG/JU
 Sample : L1837-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 00:59:15 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

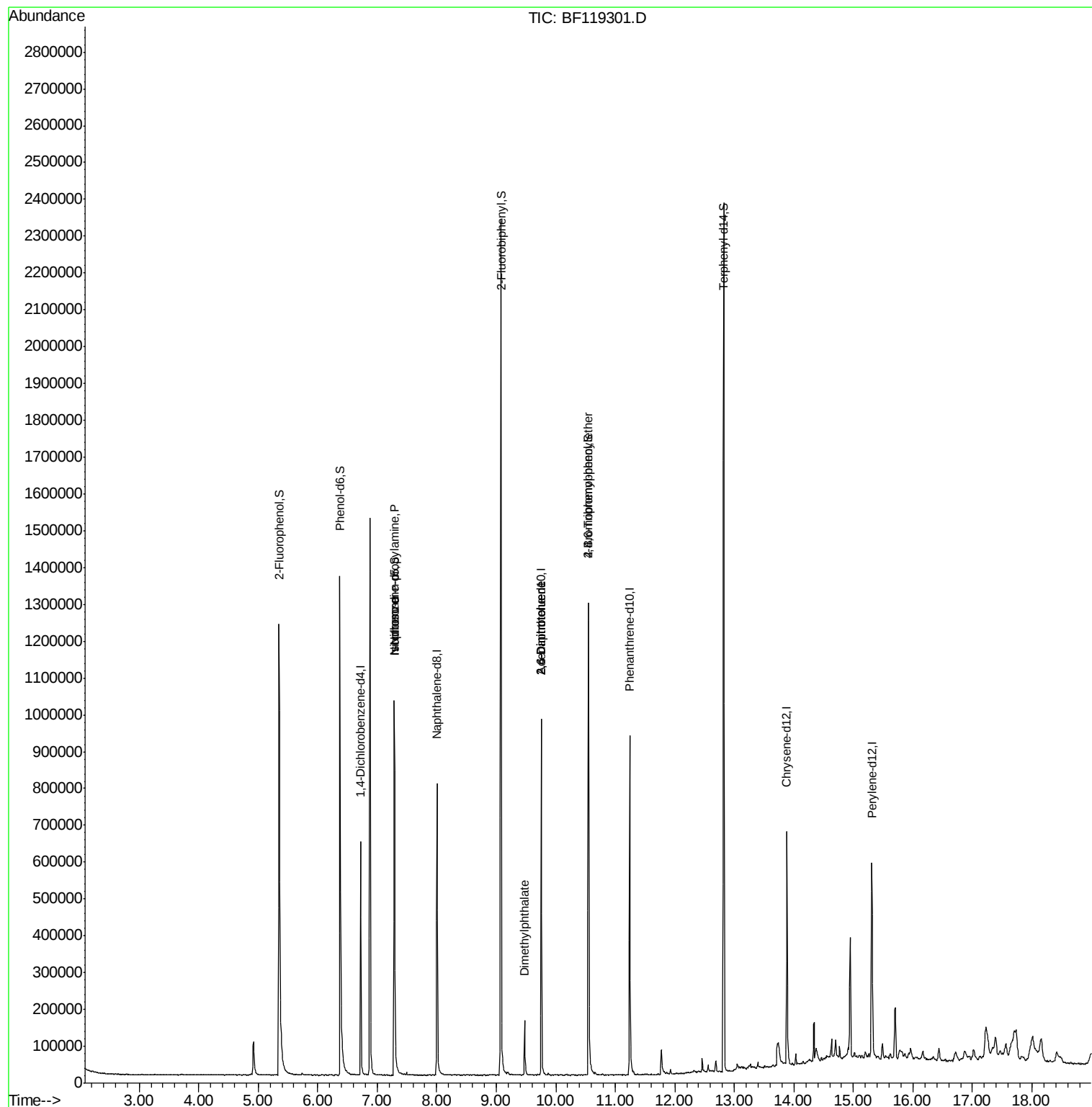
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	99108	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	377822	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	206032	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	369625	20.00	ng	0.00
76) Chrysene-d12	13.88	240	222766	20.00	ng	0.00
87) Perylene-d12	15.31	264	258003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	486391	82.02	ng	0.00
7) Phenol-d6	6.37	99	607459	84.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	400457	55.96	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	204071	75.72	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	782168	55.93	ng	0.00
79) Terphenyl-d14	12.82	244	800595	61.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	52976	12.605	ng	# 74
25) Isophorone	7.29	82	400457	32.224	ng	# 63
50) Dimethylphthalate	9.47	163	74778	4.746	ng	# 98
51) 2,6-Dinitrotoluene	9.76	165	25537	7.296	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	25537	5.629	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	12974	2.685	ng	# 1

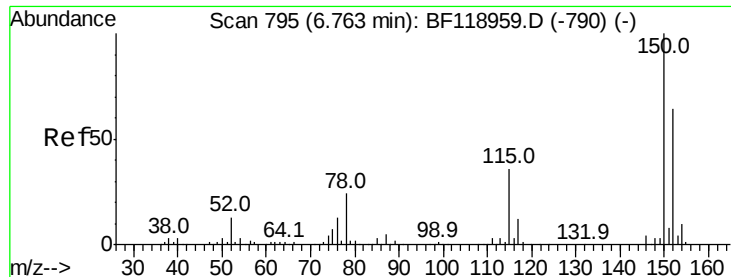
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119301.D
Acq On : 9 Mar 2020 23:55
Operator : CG/JU
Sample : L1837-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 10 00:59:15 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



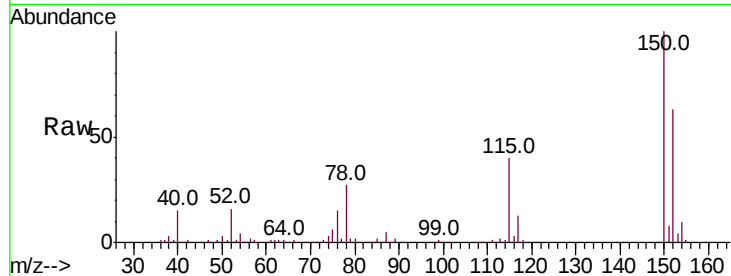


#1

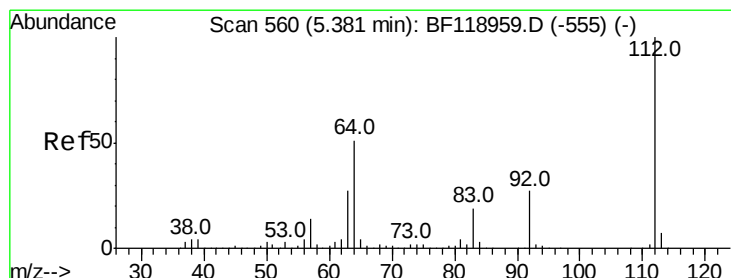
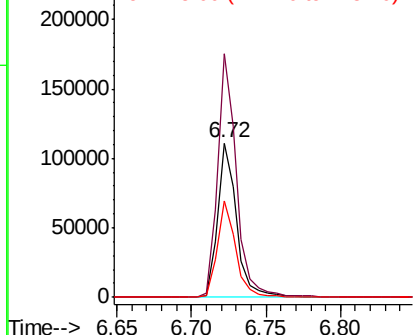
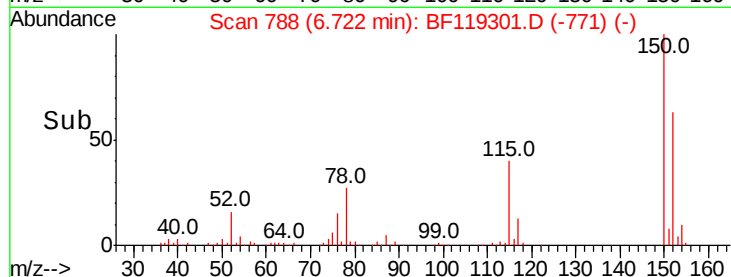
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119301.D
Acq: 9 Mar 2020 23:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99108
Ion Ratio Lower Upper
152 100
150 157.8 123.0 184.6
115 62.3 49.5 74.3



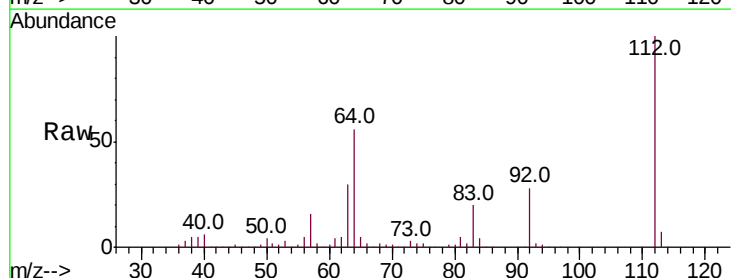
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



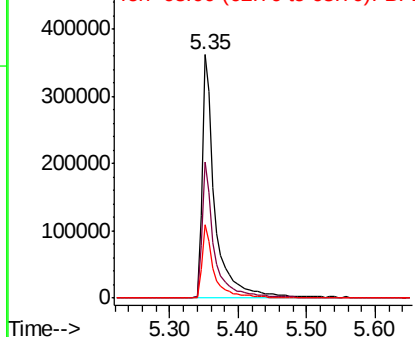
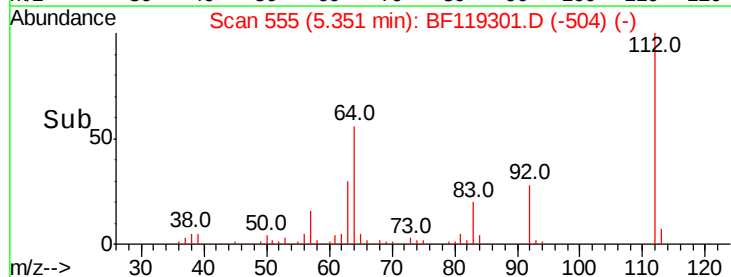
#5

2-Fluorophenol
Concen: 82.016 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119301.D
Acq: 9 Mar 2020 23:55

Tgt Ion:112 Resp: 486391
Ion Ratio Lower Upper
112 100
64 56.1 45.0 67.4
63 30.3 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: 84.223 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119301.D

Acq: 9 Mar 2020 23:55

Instrument :

BNA_F

ClientSampleId :

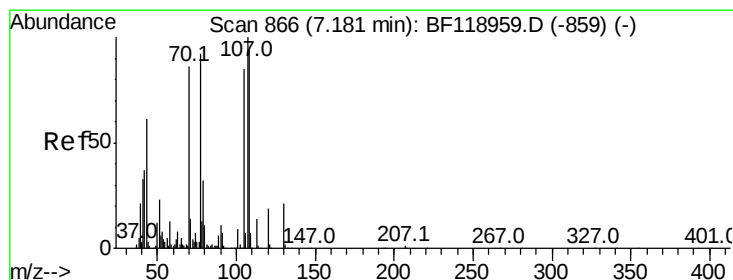
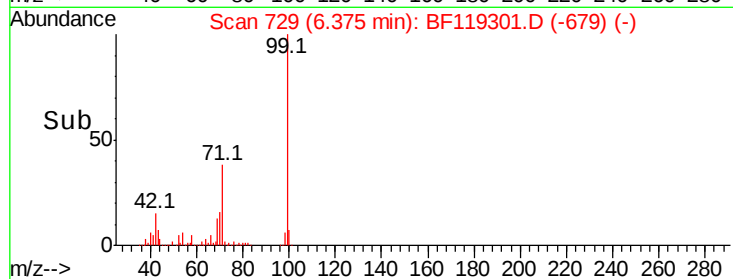
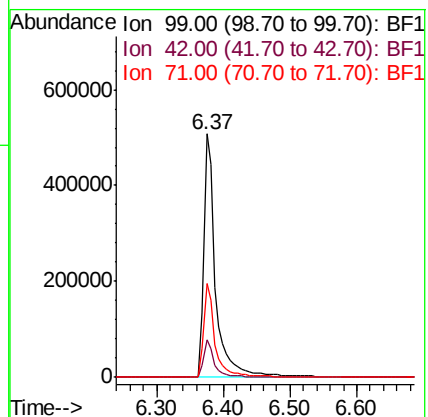
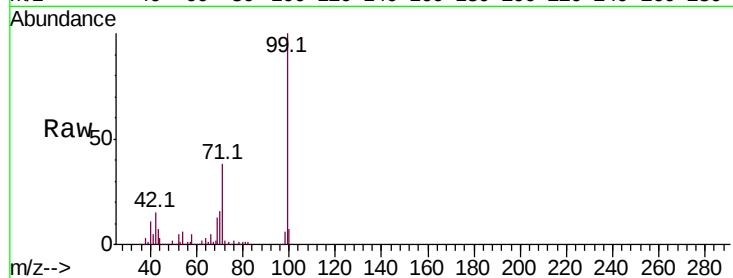
Tot Ion: 99 Resp: 607459

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

71 38.4 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.605 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119301.D

Acq: 9 Mar 2020 23:55

Tgt Ion: 70 Resp: 52976

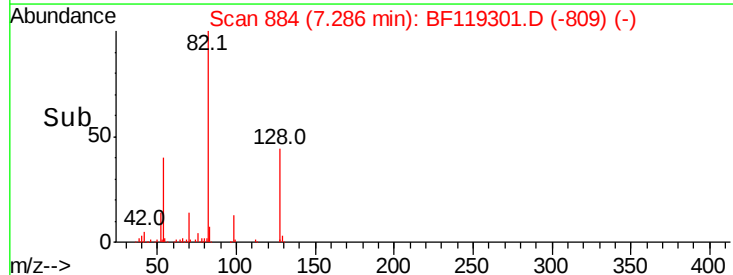
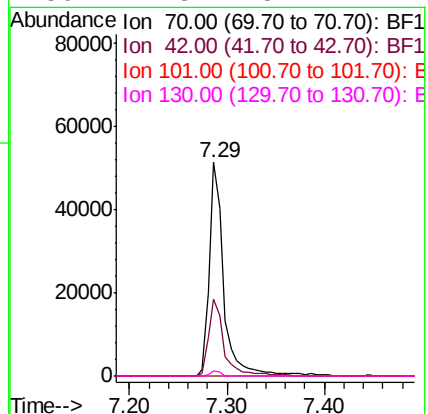
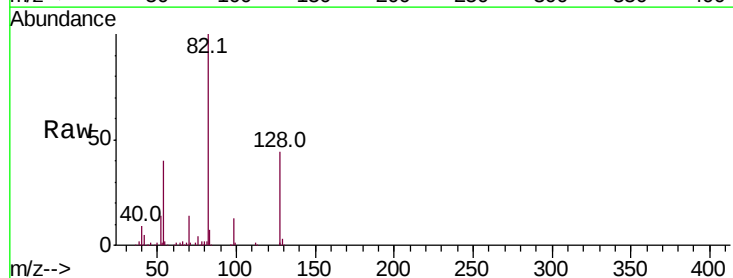
Ion Ratio Lower Upper

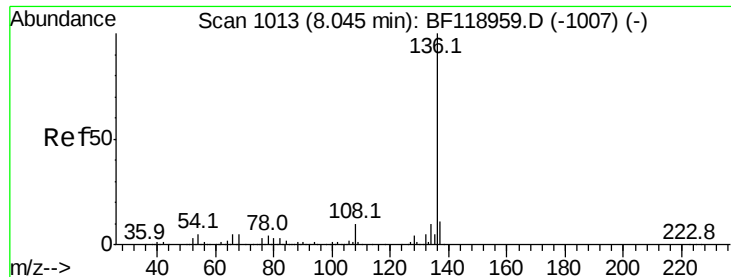
70 100

42 35.9 38.0 57.0#

101 0.0 8.2 12.4#

130 2.3 18.2 27.4#

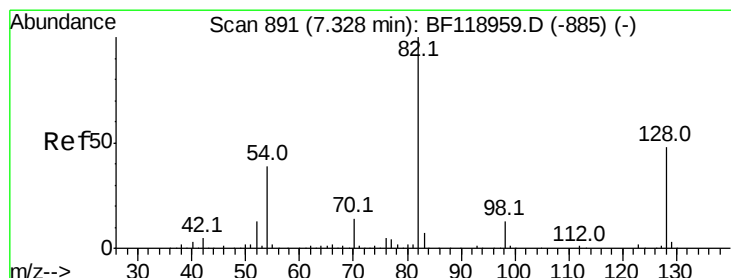
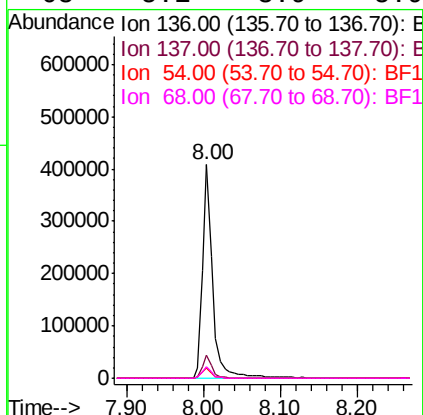
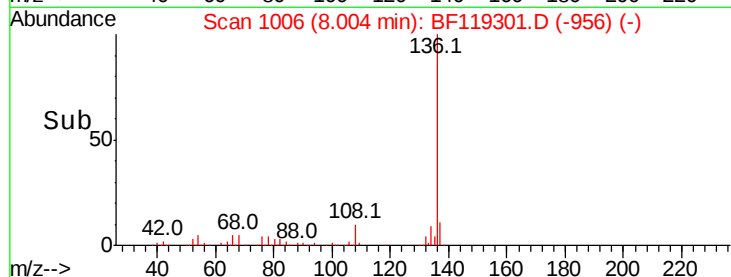
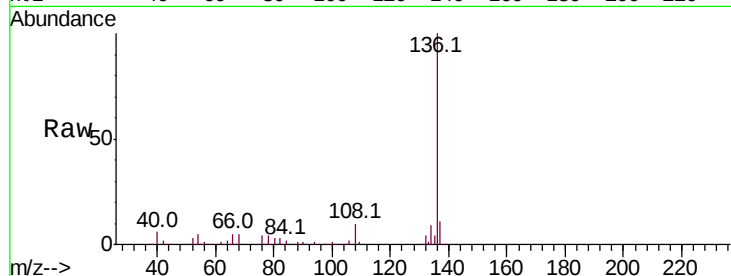




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119301.D
Acq: 9 Mar 2020 23:55

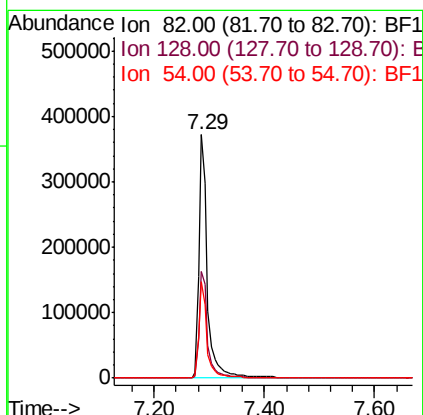
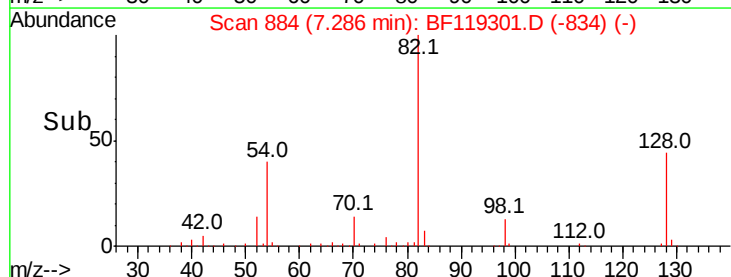
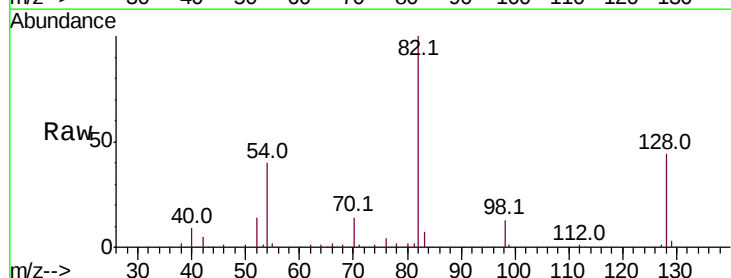
Instrument :
BNA_F
ClientSampleId :

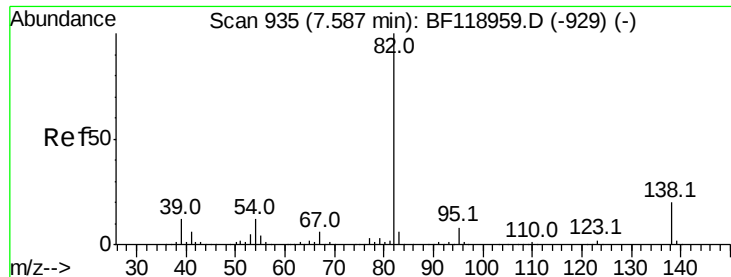
Tot Ion:	136	Resp:	377822
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.8	3.8	5.6
68	5.1	3.9	5.9



#23
Nitrobenzene-d5
Concen: 55.963 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119301.D
Acq: 9 Mar 2020 23:55

Tgt Ion:	82	Resp:	400457
Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.9	56.9
54	39.8	33.4	50.2





#25

Isophorone

Concen: 32.224 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119301.D

Acq: 9 Mar 2020 23:55

Instrument :

BNA_F

ClientSampled :

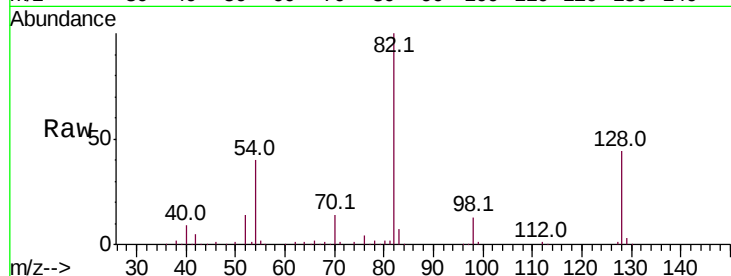
Tot Ion: 82 Resp: 400457

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

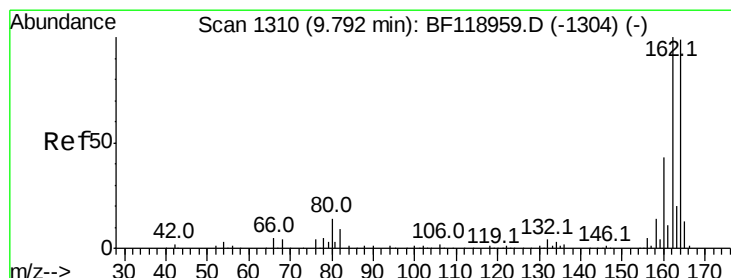
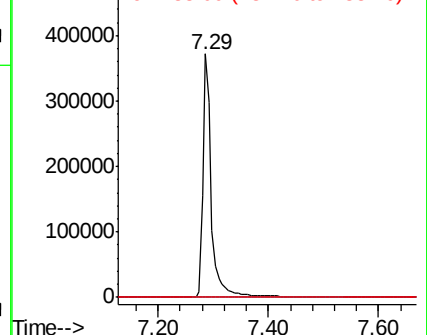
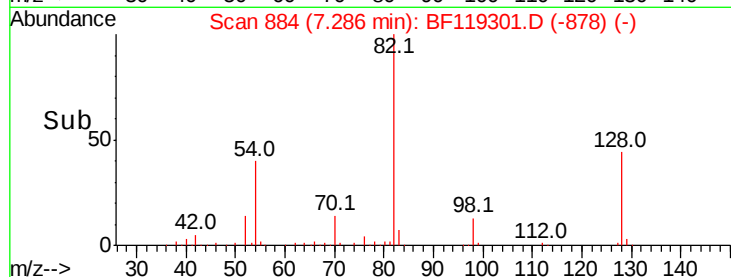
138 0.0 15.7 23.5#



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: BF119301.D

Acq: 9 Mar 2020 23:55

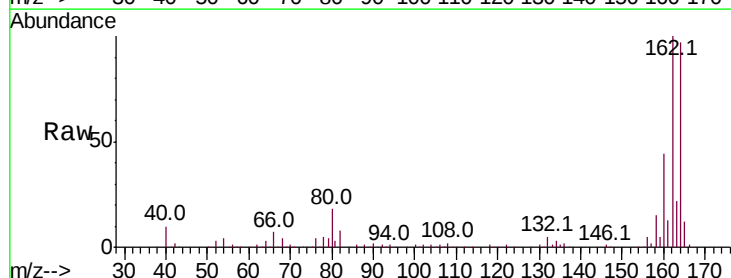
Tgt Ion:164 Resp: 206032

Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.8

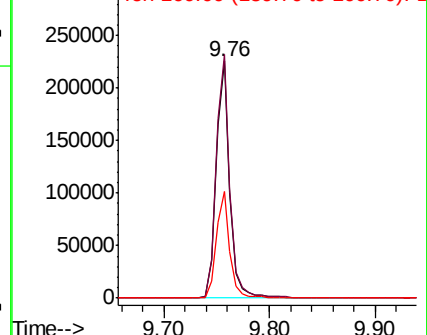
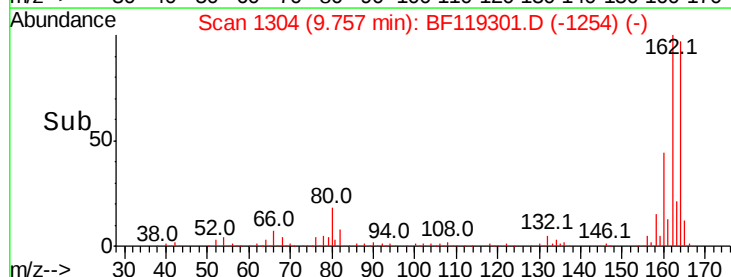
160 45.1 36.0 54.0

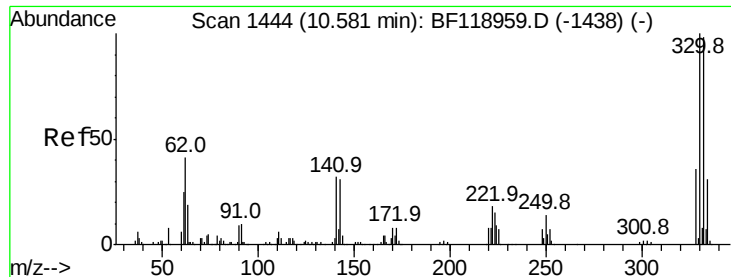


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

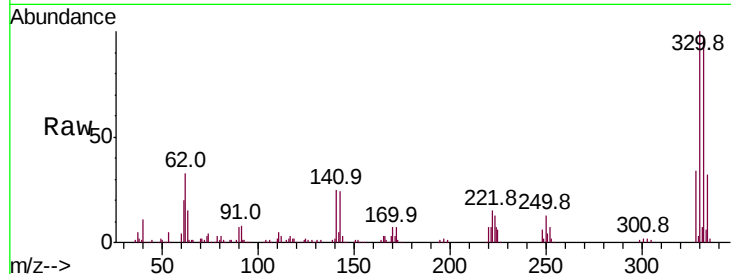




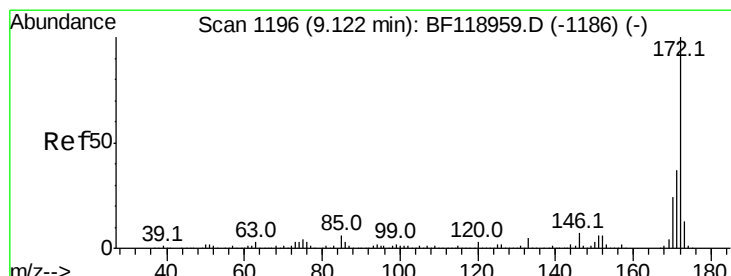
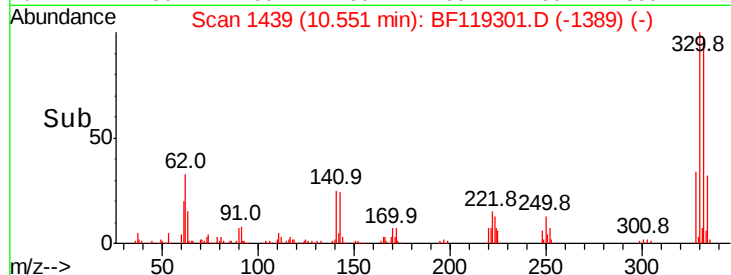
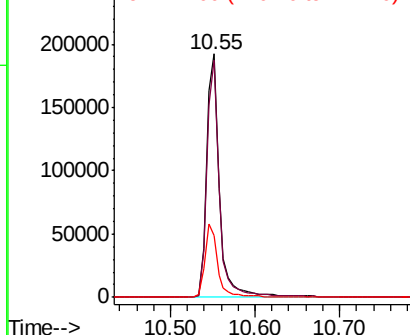
#42
 2,4,6-Tribromophenol
 Concen: 75.715 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119301.D
 Acq: 9 Mar 2020 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 204071
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.0 114.0
 141 29.8 22.9 34.3

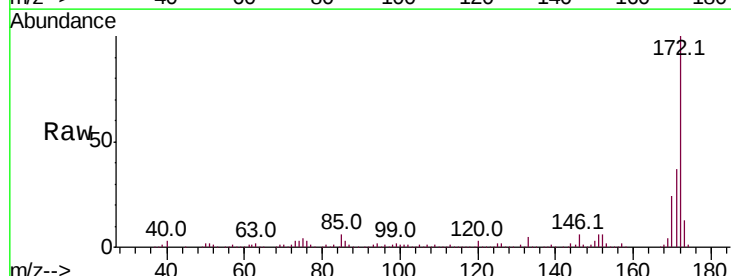


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

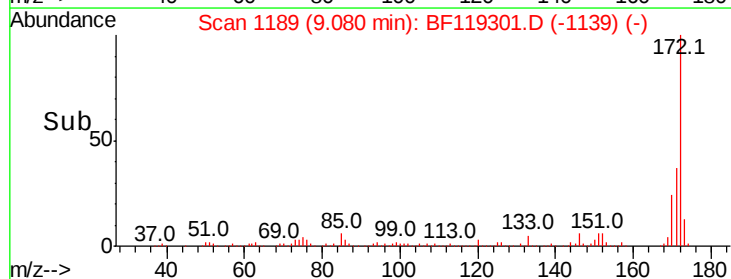
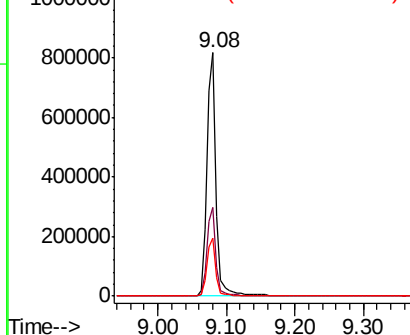


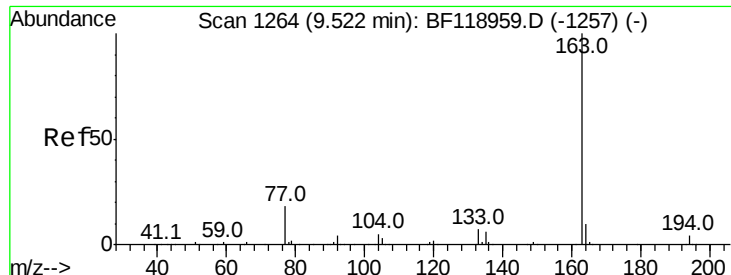
#45
 2-Fluorobiphenyl
 Concen: 55.927 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119301.D
 Acq: 9 Mar 2020 23:55

Tgt Ion:172 Resp: 782168
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 45.8
 170 23.9 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

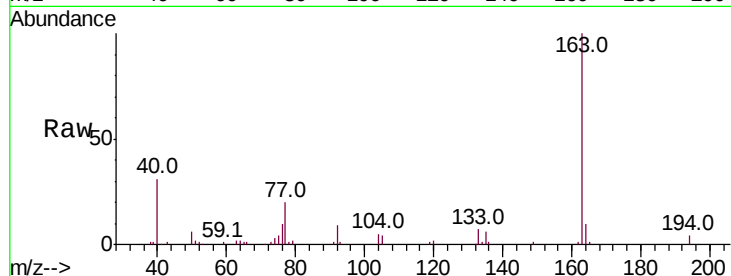




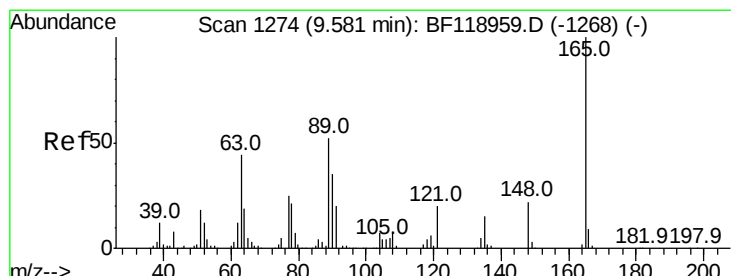
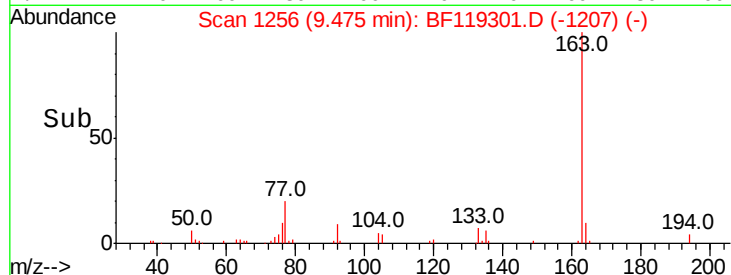
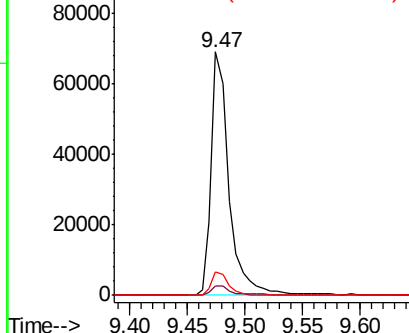
#50
Dimethylphthalate
Concen: 4.746 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119301.D
Acq: 9 Mar 2020 23:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 74778
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 9.8 8.4 12.6

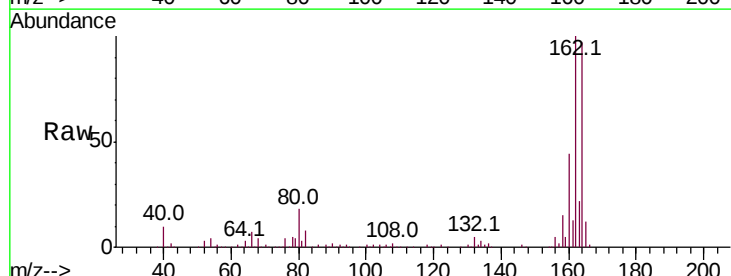


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

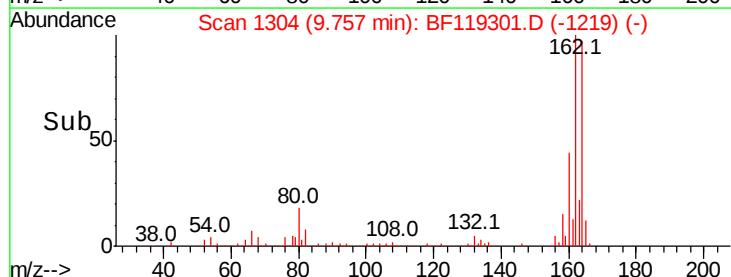
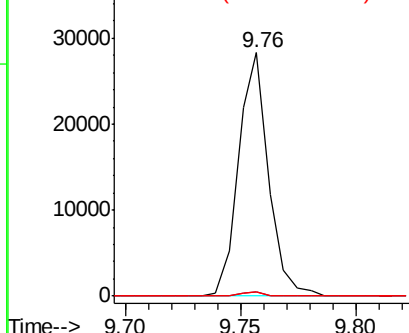


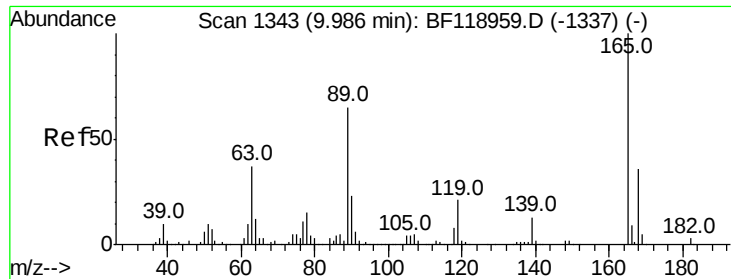
#51
2,6-Dinitrotoluene
Concen: 7.296 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119301.D
Acq: 9 Mar 2020 23:55

Tgt Ion:165 Resp: 25537
Ion Ratio Lower Upper
165 100
63 1.6 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

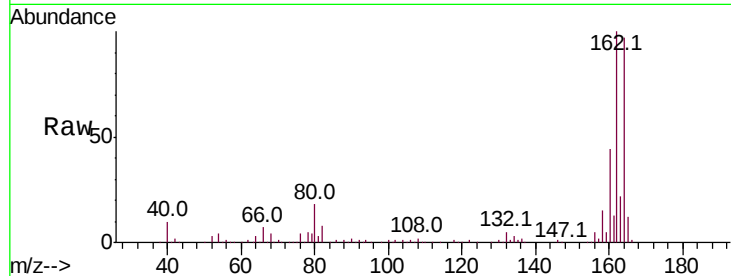




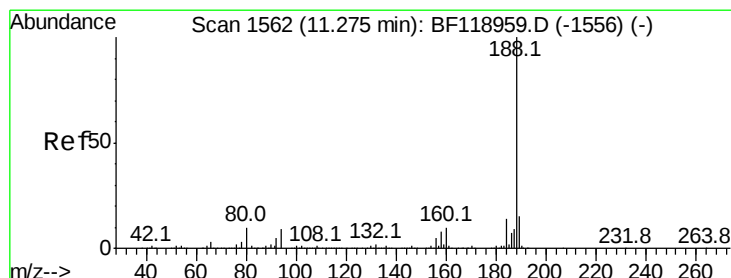
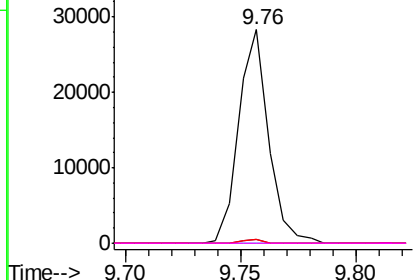
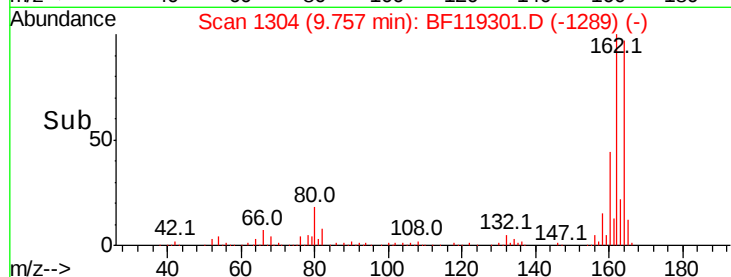
#57
 2,4-Dinitrotoluene
 Concen: 5.629 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119301.D
 Acq: 9 Mar 2020 23:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.3	63.5#
89	1.7	60.2	90.4#
182	0.0	2.3	3.5#

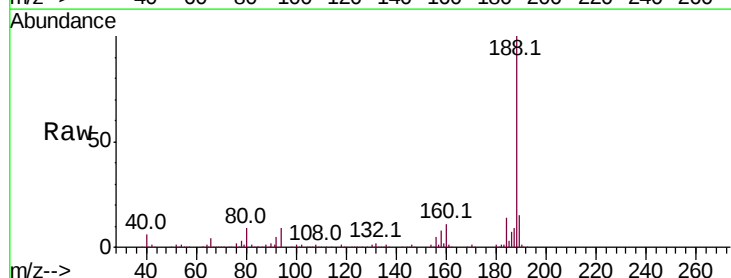


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

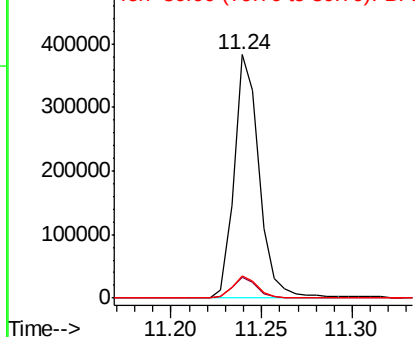
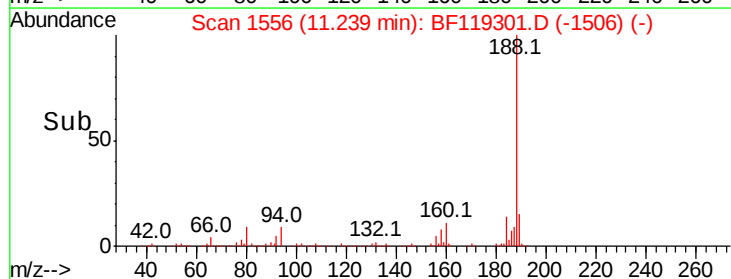


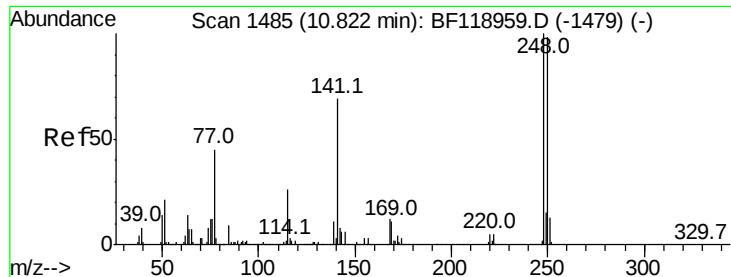
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF119301.D
 Acq: 9 Mar 2020 23:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	9.3	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

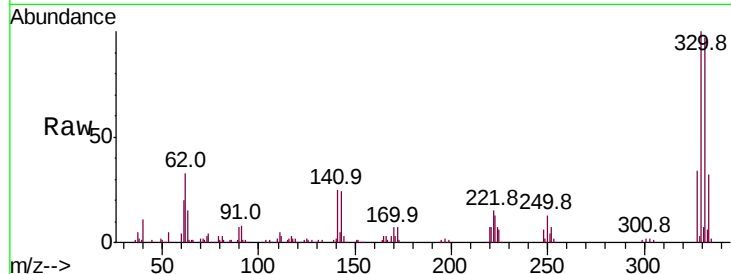




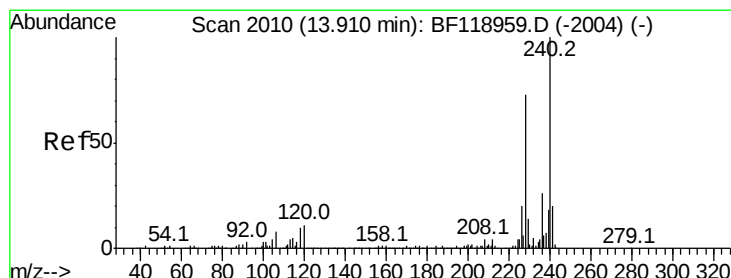
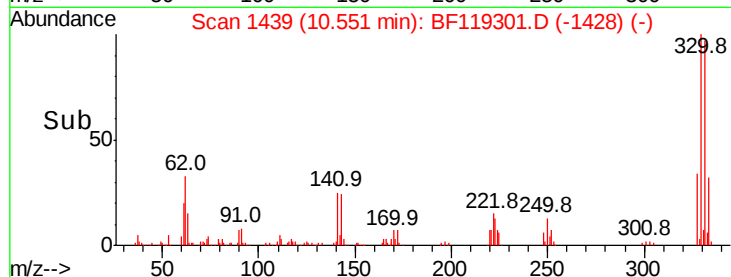
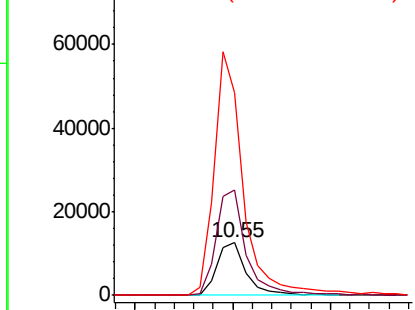
#67
4-Bromophenyl-phenylether
Concen: 2.685 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119301.D
Acq: 9 Mar 2020 23:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12974
Ion Ratio Lower Upper
248 100
250 201.0 76.7 115.1#
141 388.9 60.7 91.1#

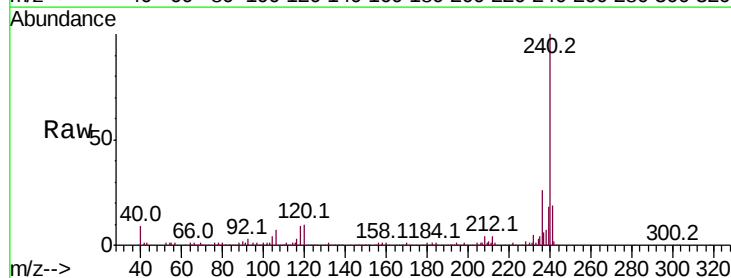


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

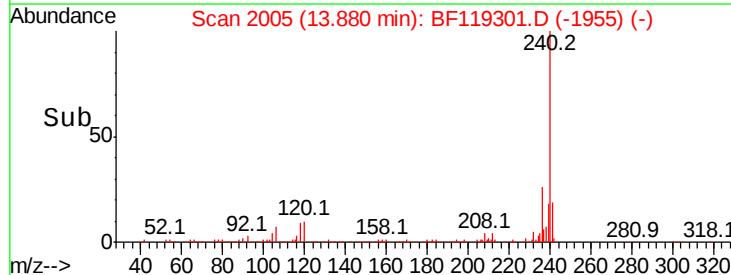
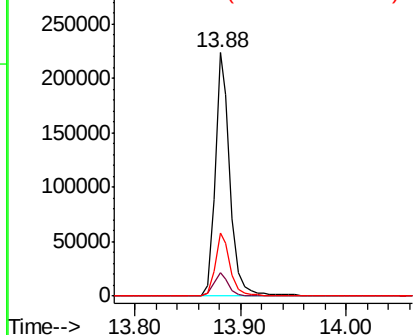


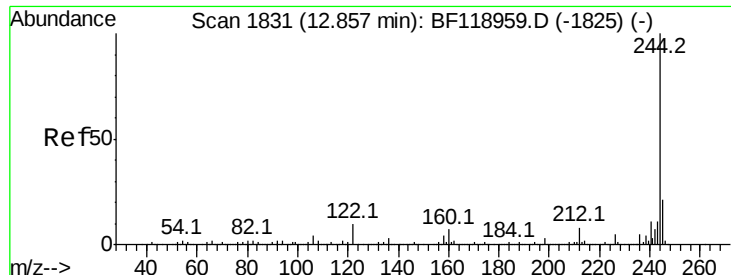
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119301.D
Acq: 9 Mar 2020 23:55

Tgt Ion:240 Resp: 222766
Ion Ratio Lower Upper
240 100
120 9.9 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: 61.875 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119301.D

Acq: 9 Mar 2020 23:55

Instrument :

BNA_F

ClientSampleId :

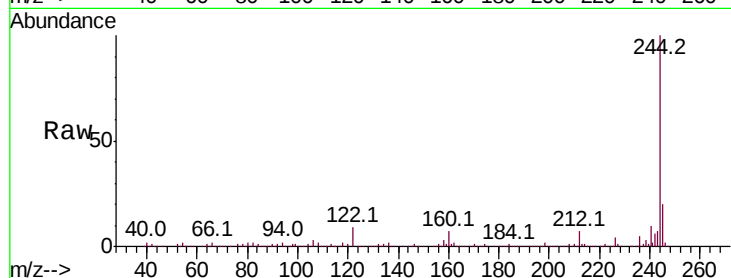
Tot Ion:244 Resp: 800595

Ion Ratio Lower Upper

244 100

212 7.0 6.6 10.0

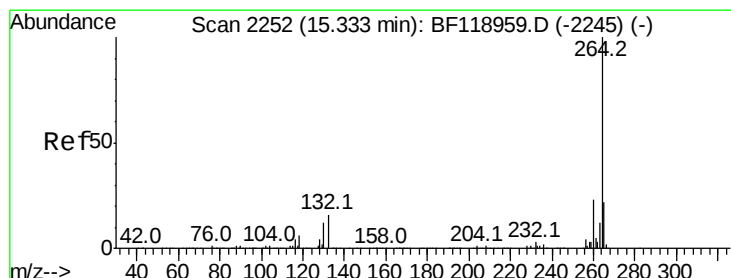
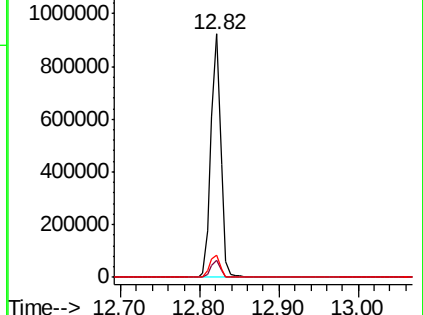
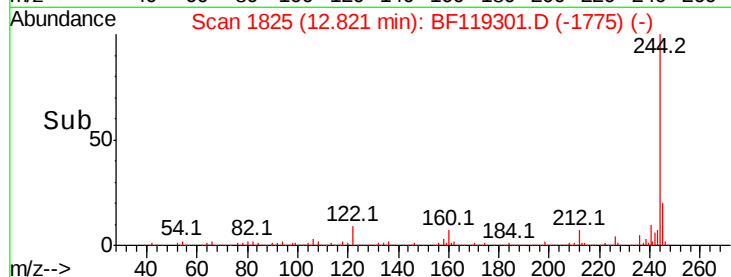
122 9.2 8.2 12.2



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: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF119301.D

Acq: 9 Mar 2020 23:55

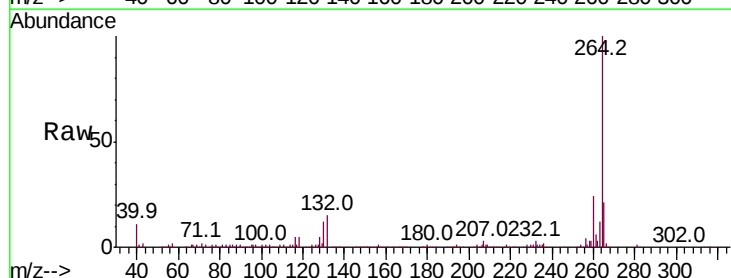
Tgt Ion:264 Resp: 258003

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 20.9 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

