

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118176.D
 Acq On : 10 Dec 2019 21:23
 Operator : JU
 Sample : K6205-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 02:36:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

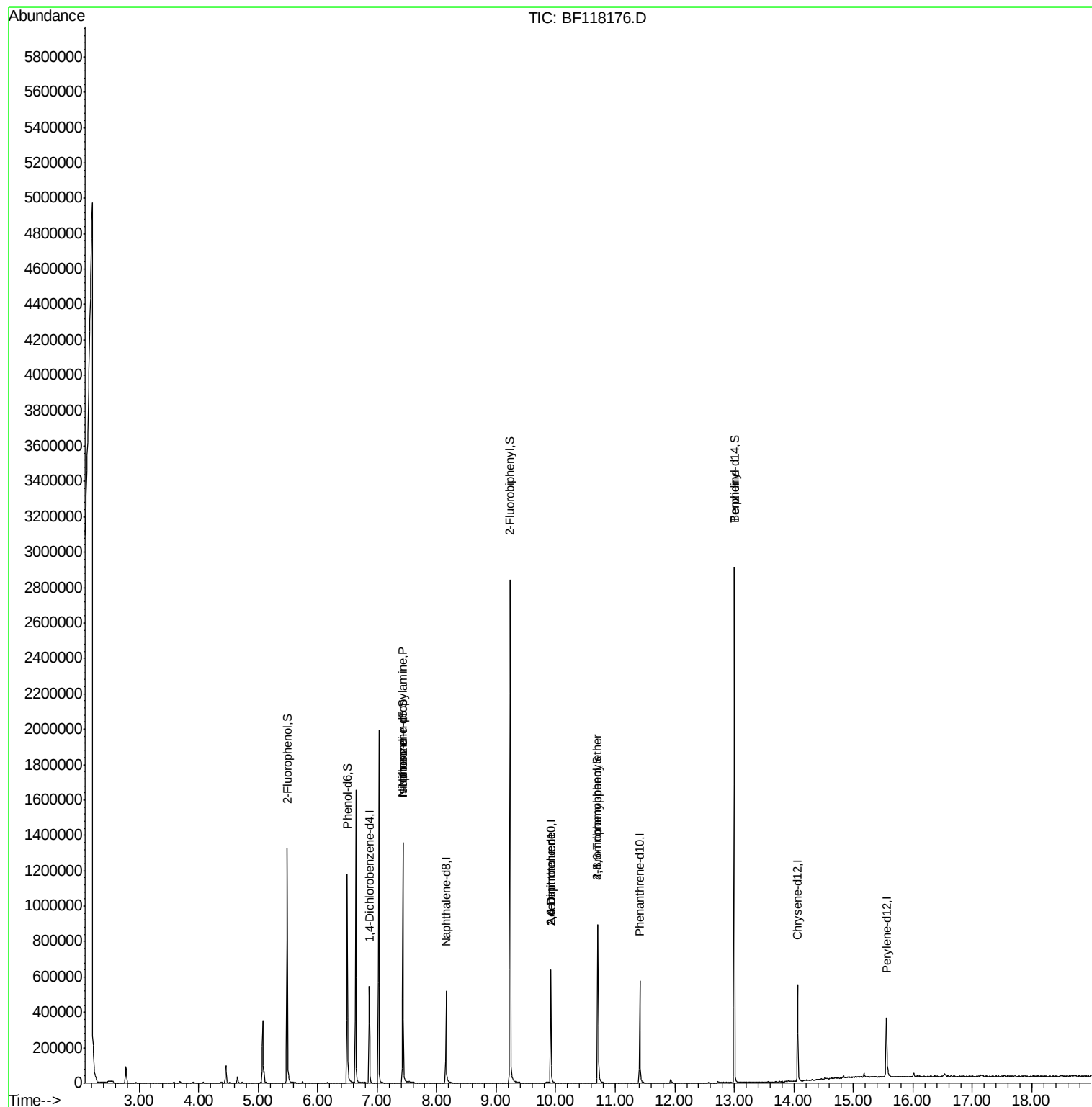
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	77078	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	282248	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	132855	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	230917	20.00	ng	0.00
76) Chrysene-d12	14.06	240	196095	20.00	ng	0.00
87) Perylene-d12	15.56	264	179960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	368523	83.74	ng	0.00
7) Phenol-d6	6.50	99	426493	80.12	ng	0.00
23) Nitrobenzene-d5	7.43	82	444864	88.67	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	135662	84.06	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	870310	99.68	ng	0.00
79) Terphenyl-d14	13.00	244	959361	84.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	889	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	61588	19.041 ng	#	1
25) Isophorone	7.43	82	436898	51.370 ng	#	76
51) 2,6-Dinitrotoluene	9.92	165	17266	8.092 ng	#	62
57) 2,4-Dinitrotoluene	9.92	165	17266	6.062 ng	#	26
67) 4-Bromophenyl-phenylether	10.70	248	7996	3.033 ng	#	24
77) Benizidine	13.00	184	12958	2.510 ng	#	1
					#	90

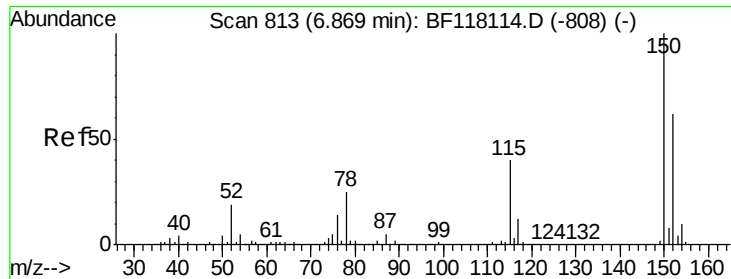
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 11 02:36:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
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QLast Update : Fri Dec 06 17:34:43 2019
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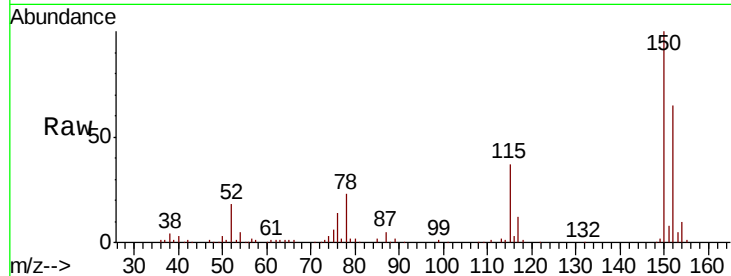


#1

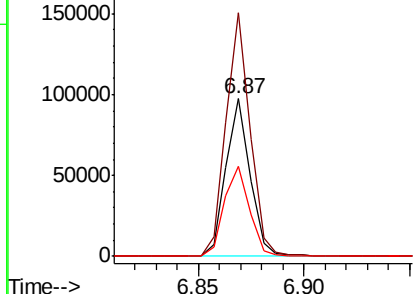
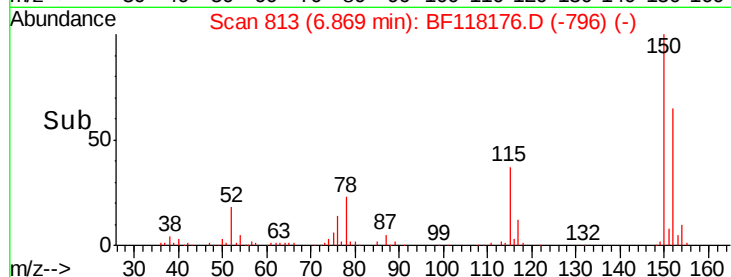
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118176.D
Acq: 10 Dec 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 77078
Ion Ratio Lower Upper
152 100
150 154.7 128.3 192.5
115 57.6 51.1 76.7



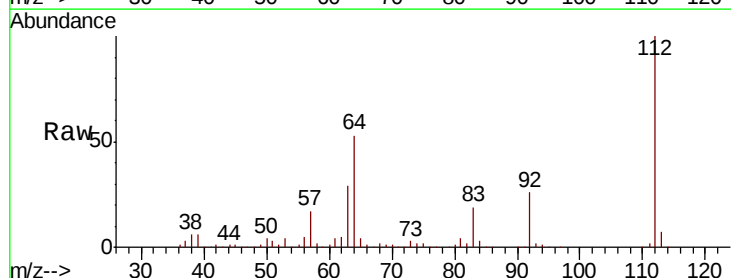
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



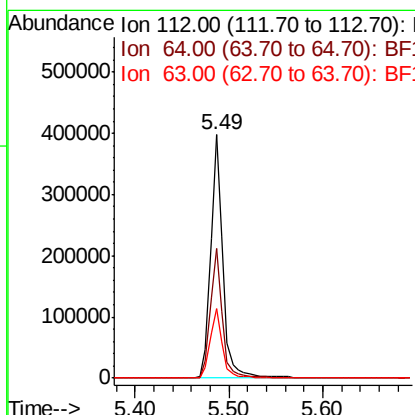
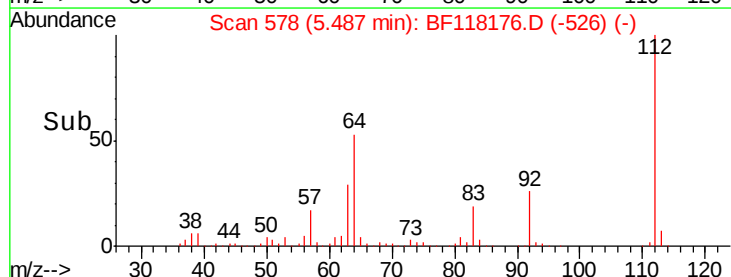
#5

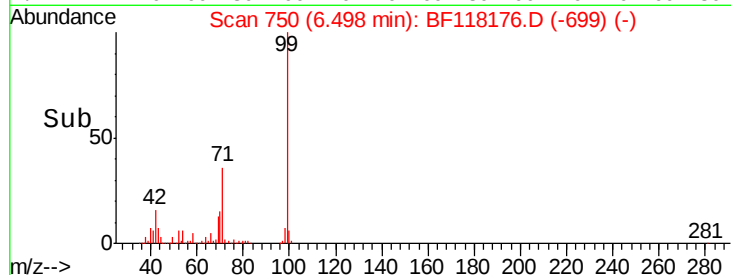
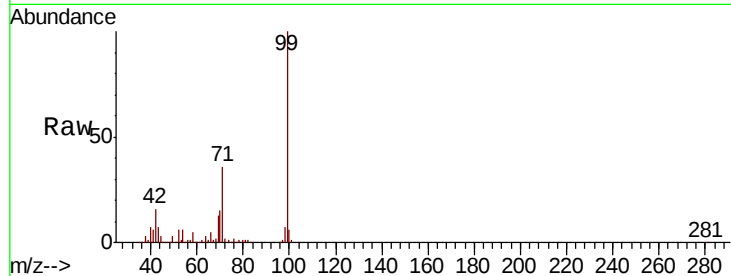
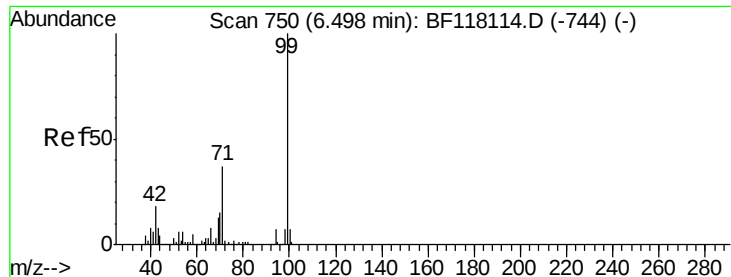
2-Fluorophenol
Concen: 83.740 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118176.D
Acq: 10 Dec 2019 21:23

Tgt Ion:112 Resp: 368523
Ion Ratio Lower Upper
112 100
64 53.1 41.3 61.9
63 28.7 22.4 33.6



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: 80.125 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118176.D

Acq: 10 Dec 2019 21:23

Instrument :

BNA_F

ClientSampled :

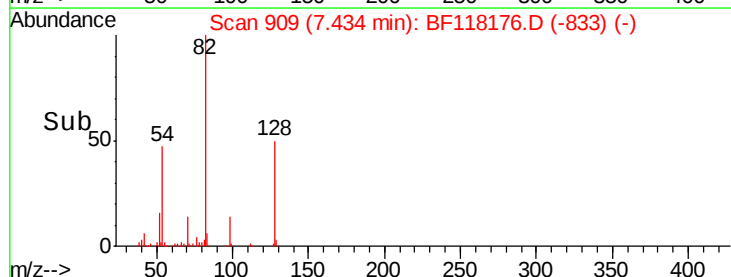
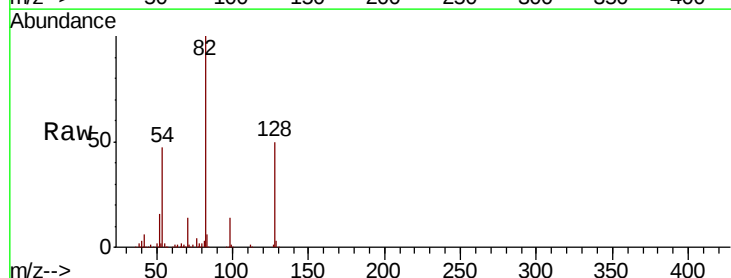
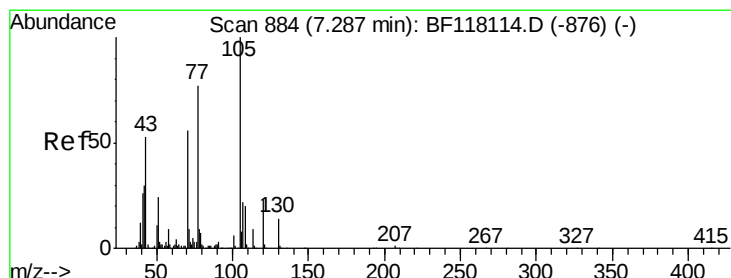
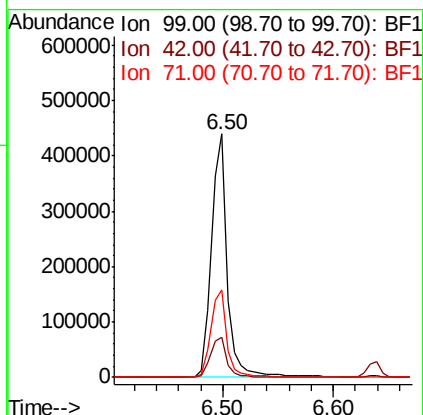
Tot Ion: 99 Resp: 426493

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 36.1 29.7 44.5



#19

n-Nitroso-di-n-propylamine

Concen: 19.041 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.15 min

Lab File: BF118176.D

Acq: 10 Dec 2019 21:23

Tgt Ion: 70 Resp: 61588

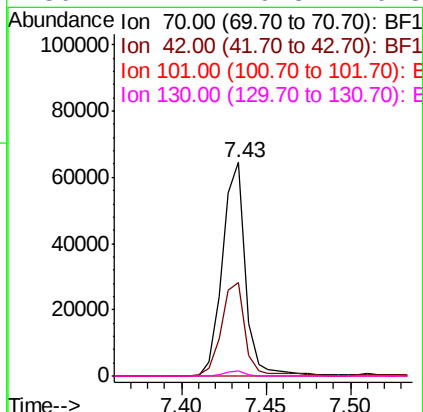
Ion Ratio Lower Upper

70 100

42 43.8 43.2 64.8

101 0.0 8.1 12.1#

130 2.2 19.8 29.8#

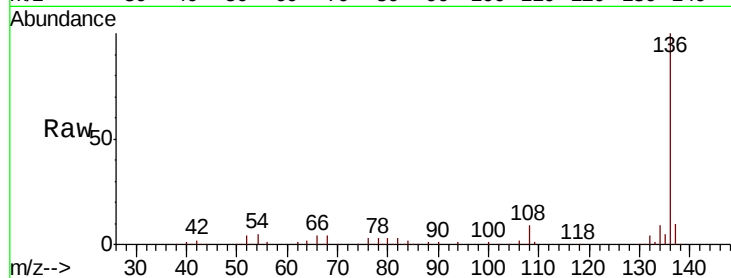




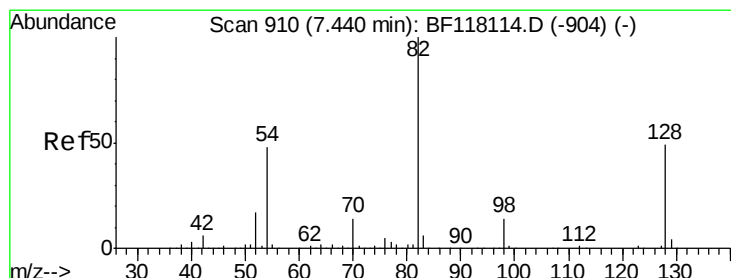
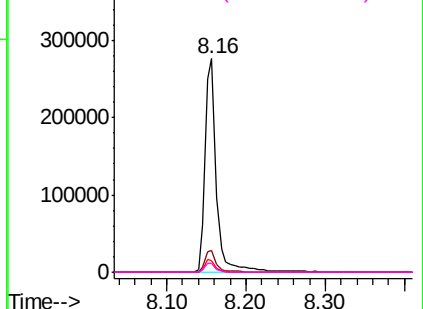
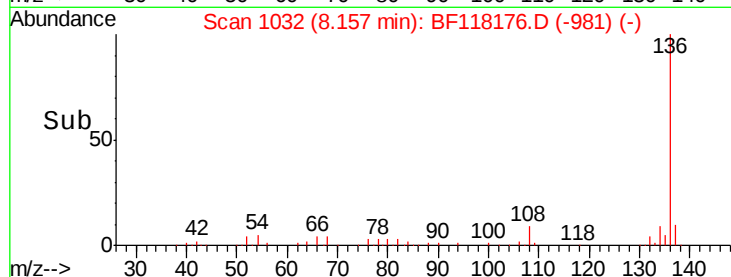
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF118176.D
Acq: 10 Dec 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 282248
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 5.5 5.0 7.6
68 4.1 3.8 5.8

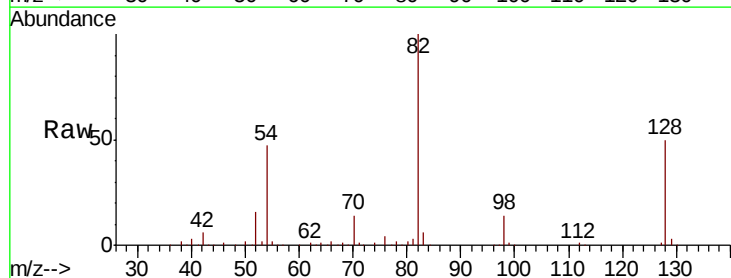


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

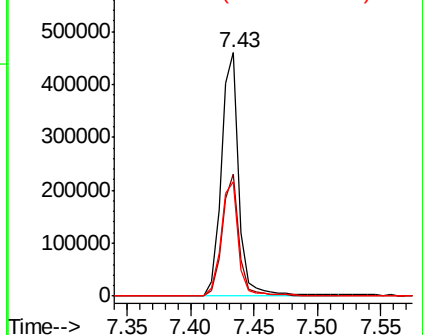
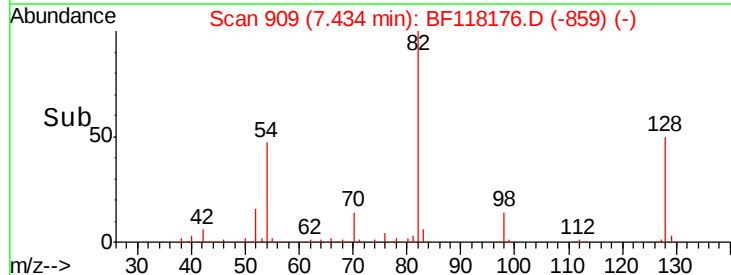


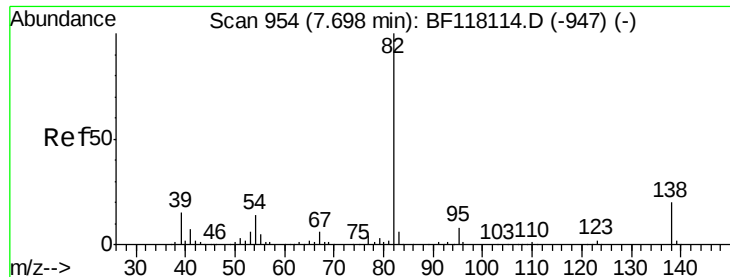
#23
Nitrobenzene-d5
Concen: 88.670 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118176.D
Acq: 10 Dec 2019 21:23

Tgt Ion: 82 Resp: 444864
Ion Ratio Lower Upper
82 100
128 50.0 39.1 58.7
54 46.9 38.2 57.2



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: 51.370 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF118176.D

Acq: 10 Dec 2019 21:23

Instrument :

BNA_F

ClientSampleId :

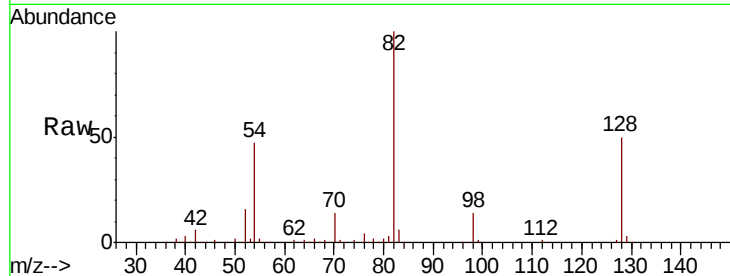
Tot Ion: 82 Resp: 436898

Ion Ratio Lower Upper

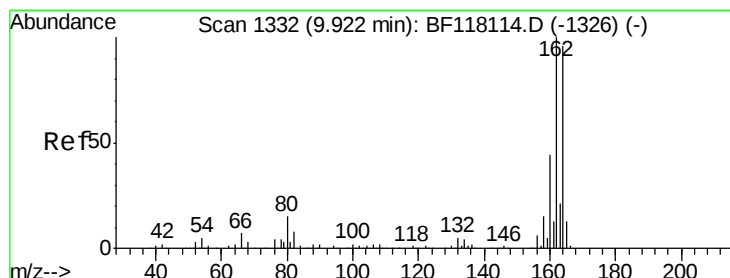
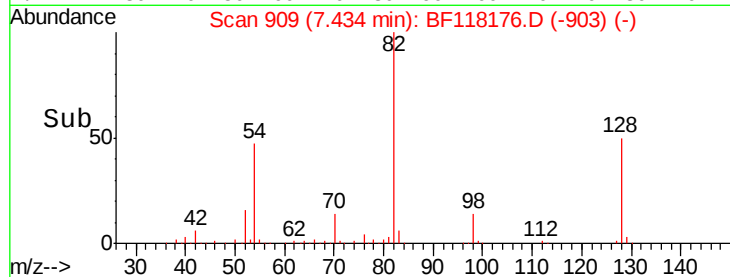
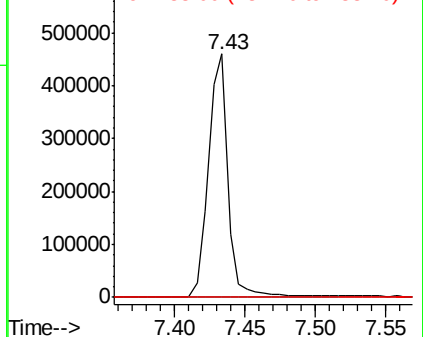
82 100

95 0.0 6.3 9.5#

138 0.0 16.3 24.5#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118176.D

Acq: 10 Dec 2019 21:23

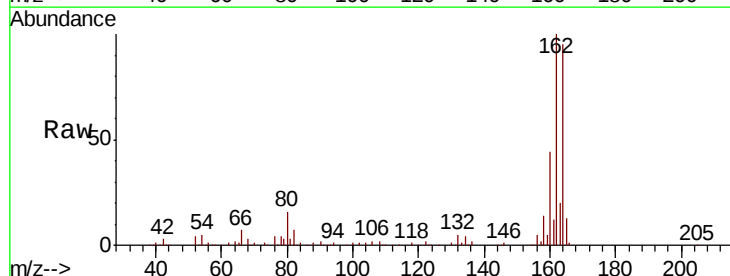
Tgt Ion: 164 Resp: 132855

Ion Ratio Lower Upper

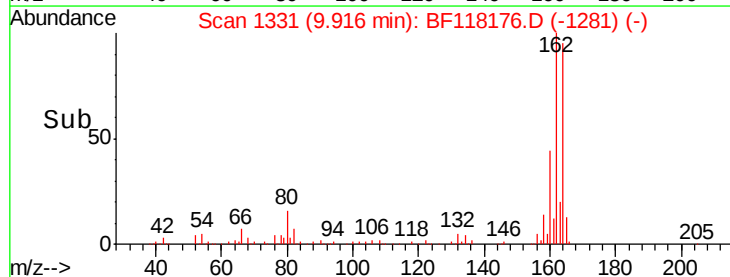
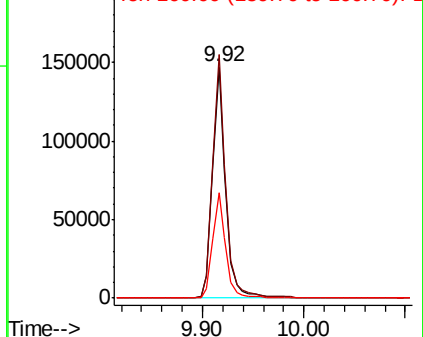
164 100

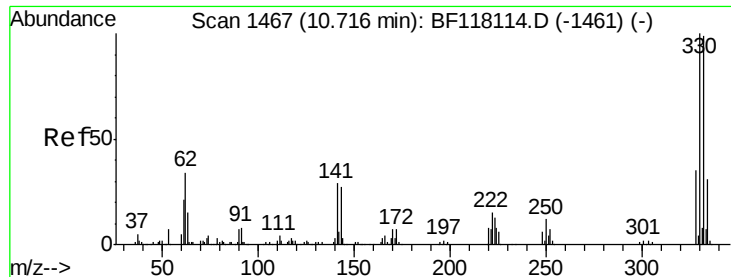
162 105.4 83.4 125.0

160 45.9 36.6 54.8



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: 84.056 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118176.D

Acq: 10 Dec 2019 21:23

Instrument :

BNA_F

ClientSampleId :

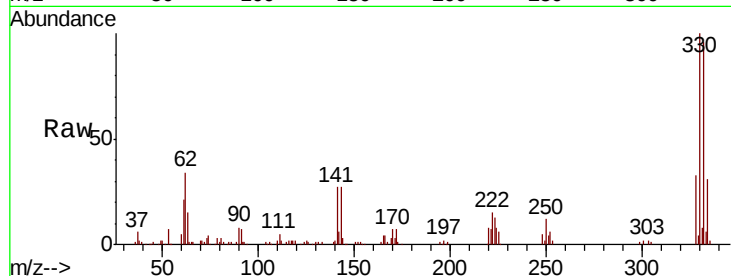
Tot Ion:330 Resp: 135662

Ion Ratio Lower Upper

330 100

332 94.9 78.1 117.1

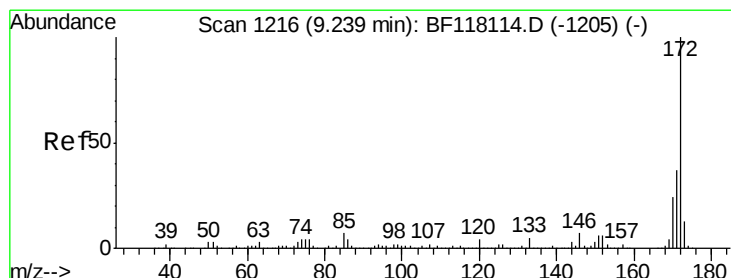
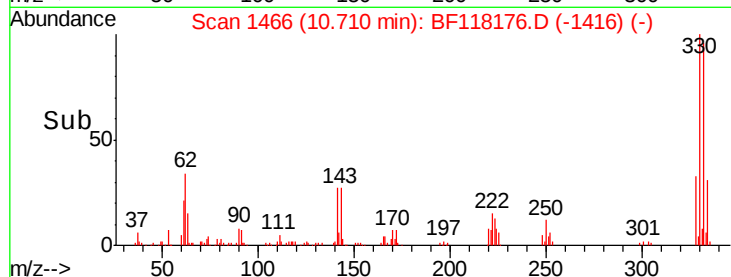
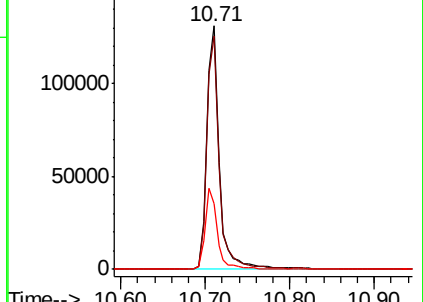
141 32.5 26.9 40.3



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: 99.680 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118176.D

Acq: 10 Dec 2019 21:23

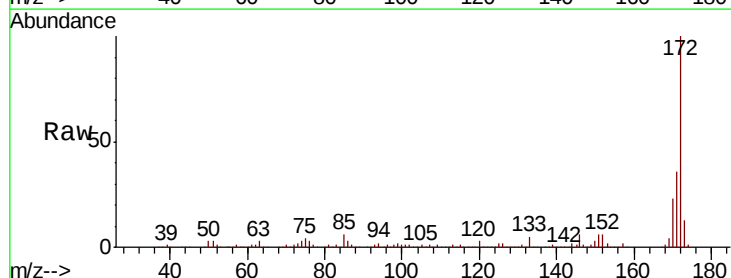
Tgt Ion:172 Resp: 870310

Ion Ratio Lower Upper

172 100

171 36.1 29.2 43.8

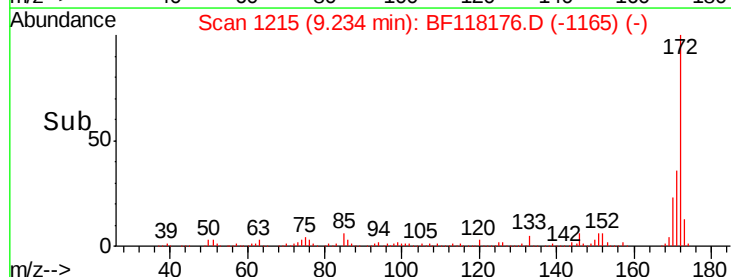
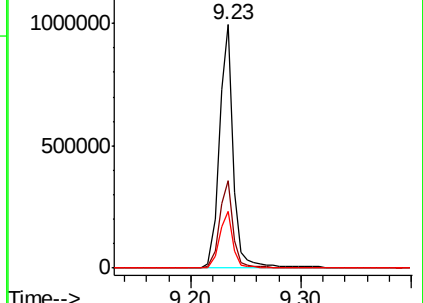
170 23.3 19.4 29.2

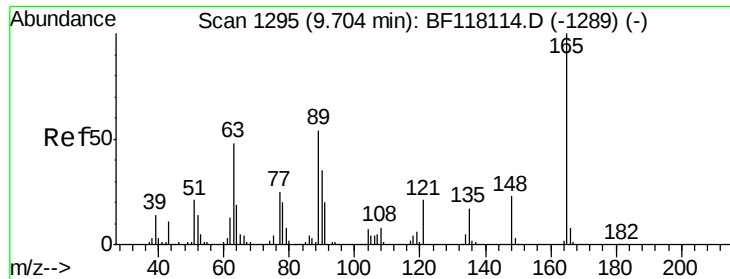


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

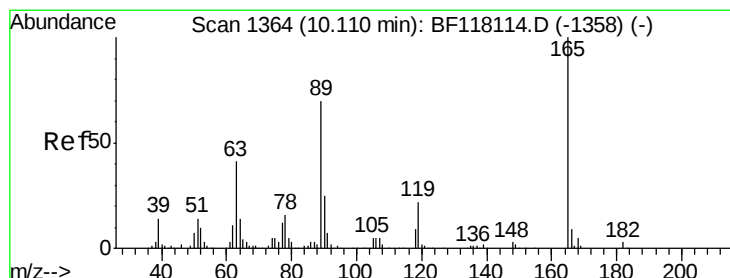
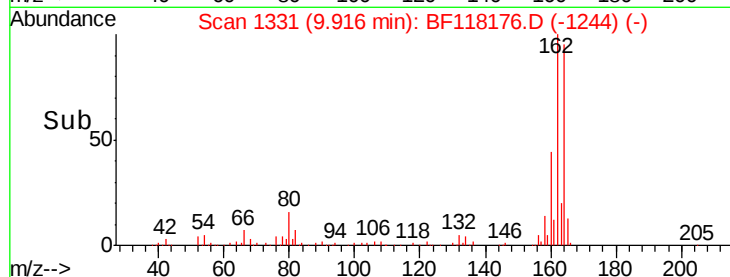
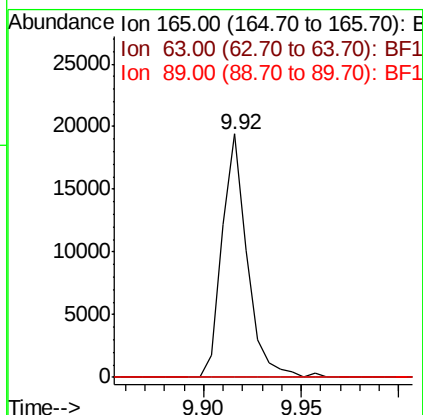
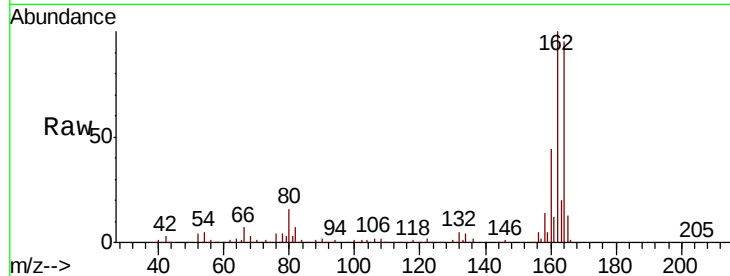




#51
 2,6-Dinitrotoluene
 Concen: 8.092 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF118176.D
 Acq: 10 Dec 2019 21:23

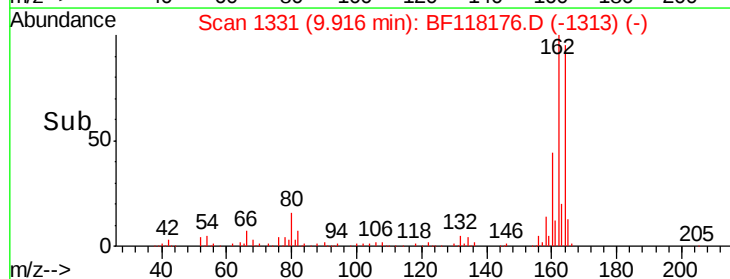
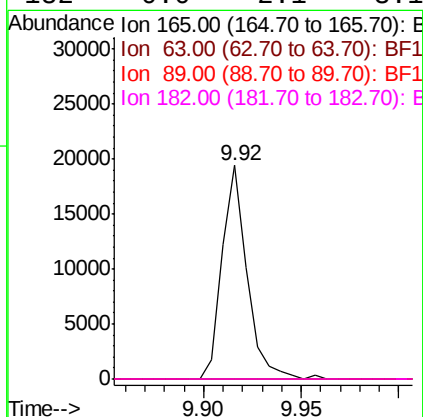
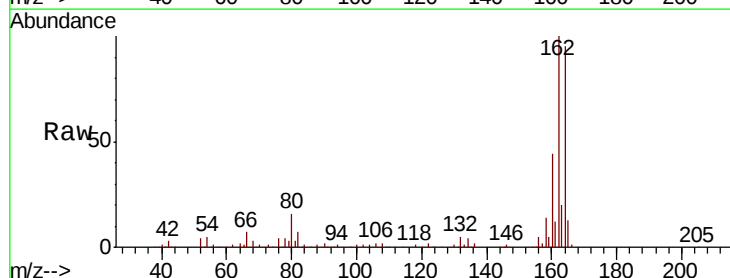
Instrument :
 BNA_F
 ClientSampled :

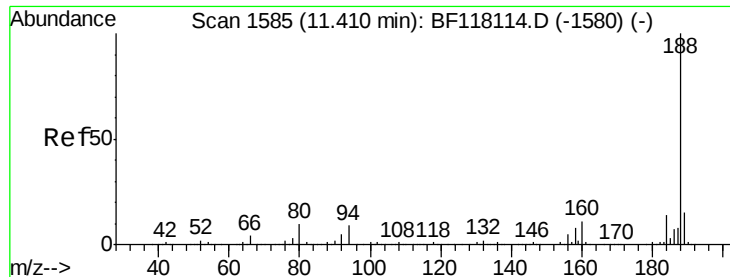
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.4	62.0#
89	0.0	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.062 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118176.D
 Acq: 10 Dec 2019 21:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.6	49.0#
89	0.0	56.1	84.1#
182	0.0	2.1	3.1#

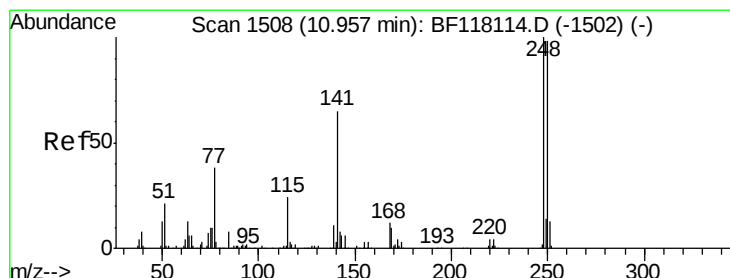
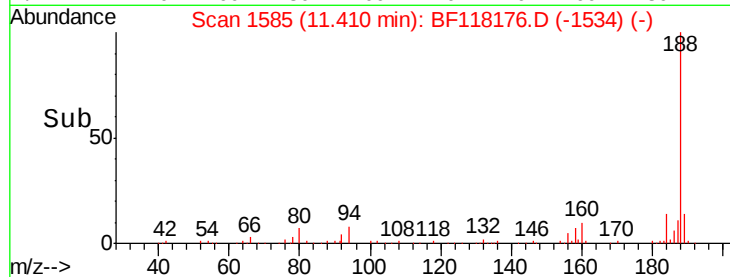
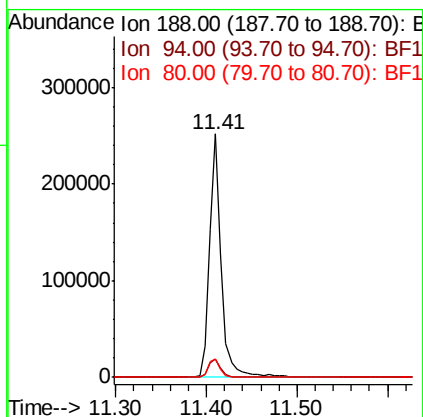
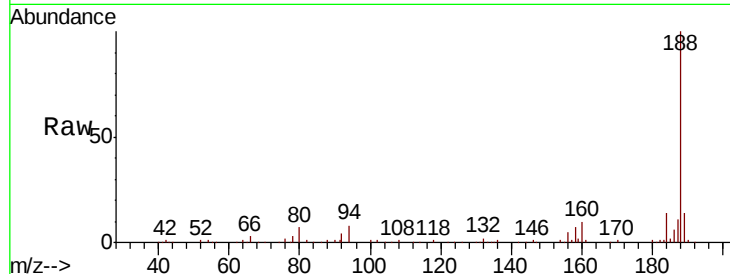




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF118176.D
 Acq: 10 Dec 2019 21:23

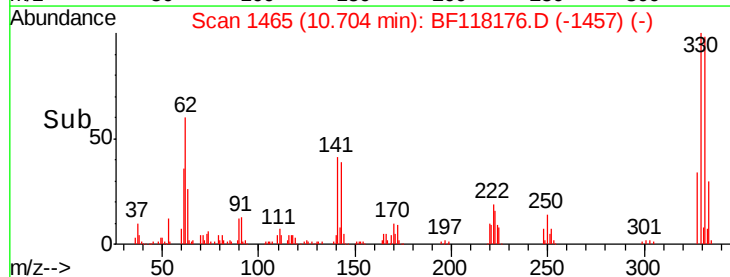
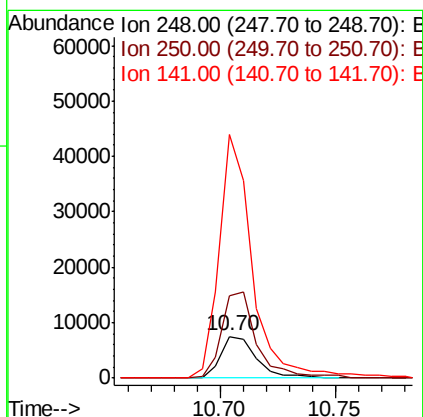
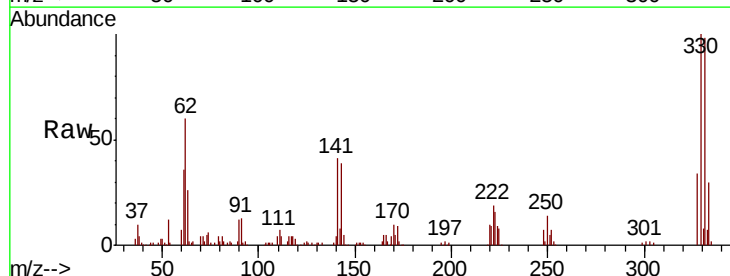
Instrument :
 BNA_F
 ClientSampleId :

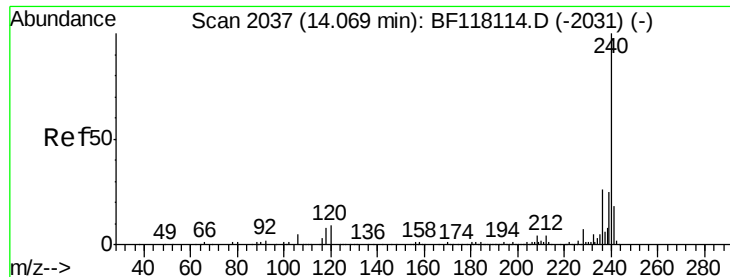
Tot Ion:188 Resp: 230917
 Ion Ratio Lower Upper
 188 100
 94 7.6 7.1 10.7
 80 7.5 7.9 11.9#



#67
 4-Bromophenyl-phenylether
 Concen: 3.033 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF118176.D
 Acq: 10 Dec 2019 21:23

Tgt Ion:248 Resp: 7996
 Ion Ratio Lower Upper
 248 100
 250 196.5 78.3 117.5#
 141 583.9 52.2 78.4#

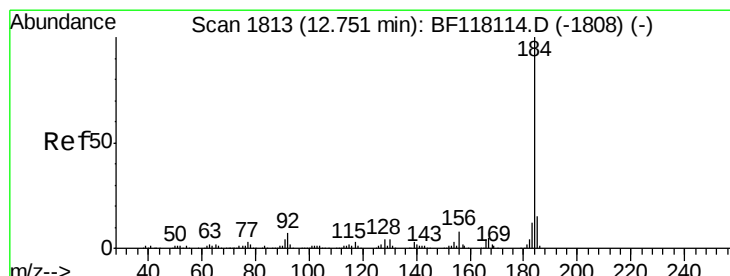
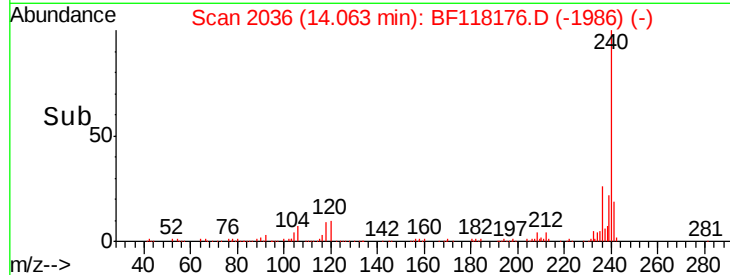
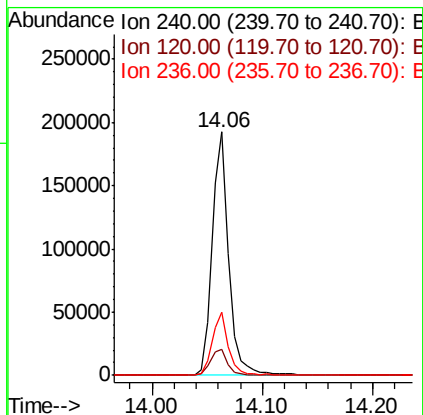
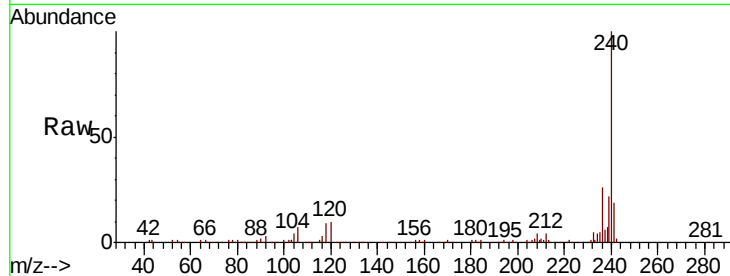




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF118176.D
 Acq: 10 Dec 2019 21:23

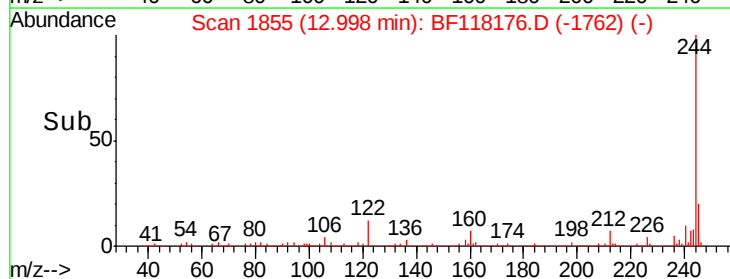
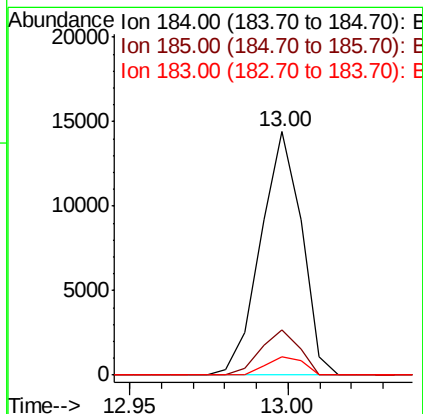
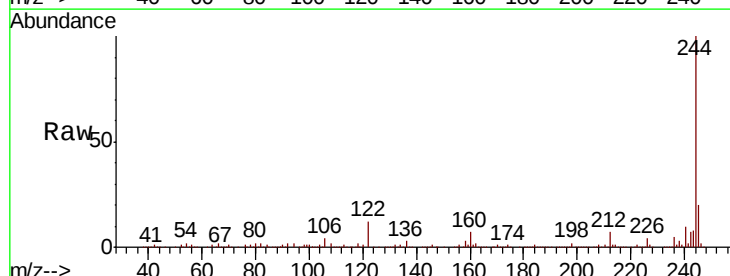
Instrument :
 BNA_F
 ClientSampleId :

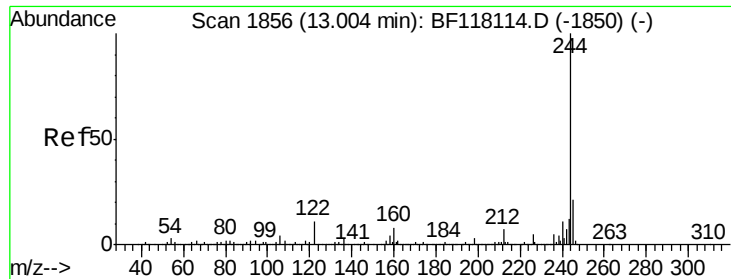
Tot Ion:240 Resp: 196095
 Ion Ratio Lower Upper
 240 100
 120 10.4 7.1 10.7
 236 25.9 21.0 31.6



#77
 Benzidine
 Concen: 2.510 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.25 min
 Lab File: BF118176.D
 Acq: 10 Dec 2019 21:23

Tgt Ion:184 Resp: 12958
 Ion Ratio Lower Upper
 184 100
 185 18.7 12.3 18.5#
 183 7.6 9.9 14.9#





#79

Terphenyl-d14

Concen: 84.130 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118176.D

Acq: 10 Dec 2019 21:23

Instrument :

BNA_F

ClientSampled :

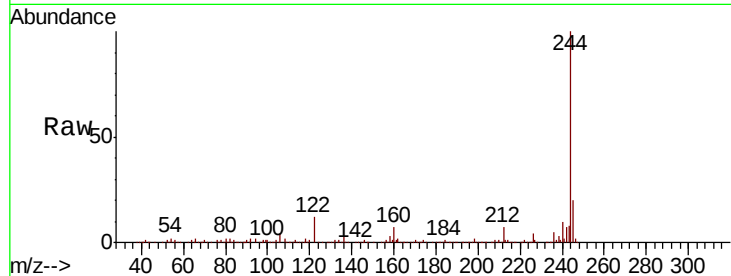
Tot Ion:244 Resp: 959361

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

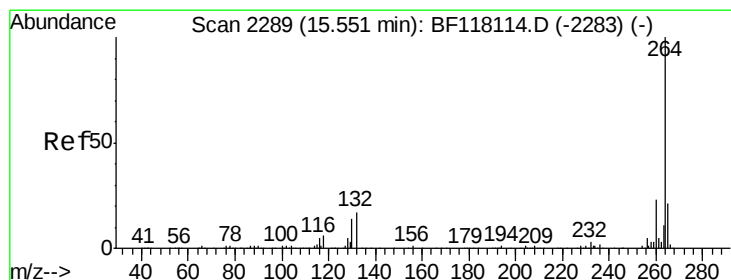
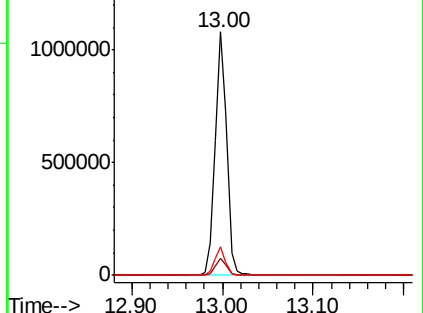
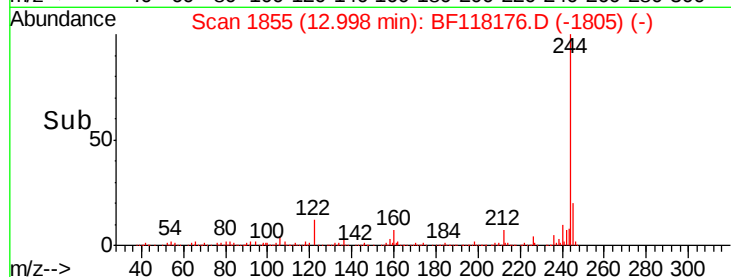
122 11.6 9.0 13.6



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: 15.56 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BF118176.D

Acq: 10 Dec 2019 21:23

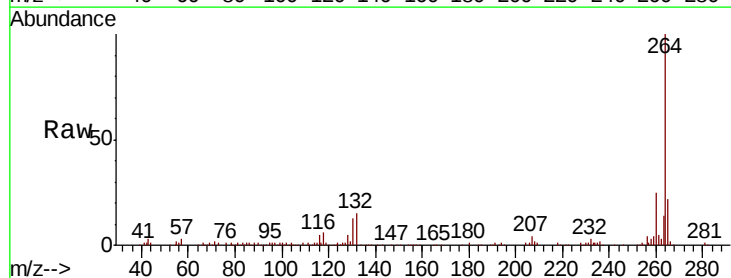
Tgt Ion:264 Resp: 179960

Ion Ratio Lower Upper

264 100

260 24.7 18.6 28.0

265 22.2 16.8 25.2



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

