

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118175.D
 Acq On : 10 Dec 2019 20:55
 Operator : JU
 Sample : K6205-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 02:36:03 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

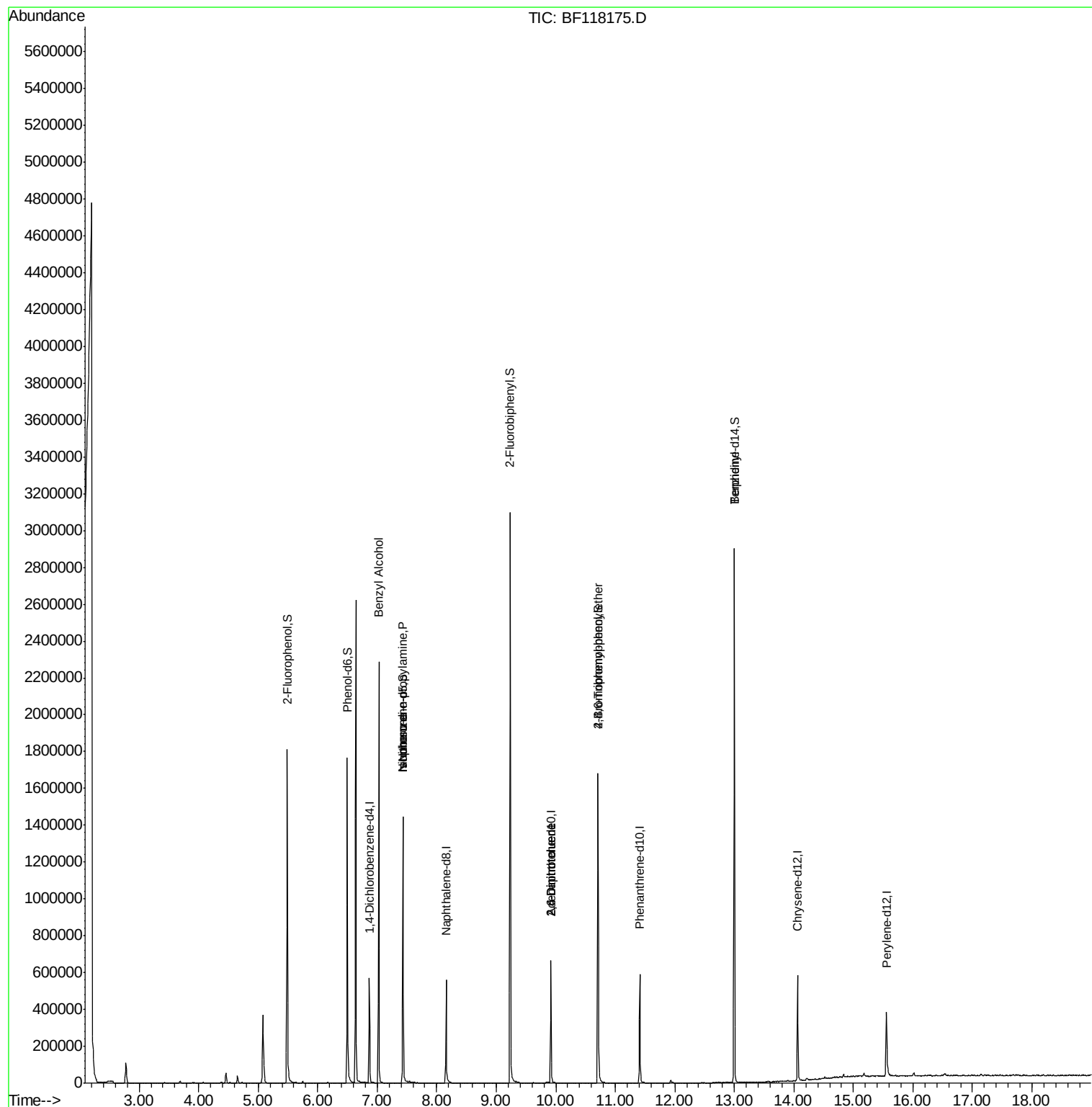
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	77701	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	286695	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	137134	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	235306	20.00	ng	0.00
76) Chrysene-d12	14.06	240	206235	20.00	ng	0.00
87) Perylene-d12	15.56	264	191976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	573970	129.38	ng	0.01
7) Phenol-d6	6.50	99	621490	115.82	ng	0.00
23) Nitrobenzene-d5	7.43	82	449723	88.25	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	218085	130.91	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	900393	99.91	ng	0.00
79) Terphenyl-d14	13.00	244	1004025	83.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	947	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	7.03	79	8544	2.040 ng	#	46
19) n-Nitroso-di-n-propylamine	7.43	70	61752	18.939 ng	#	79
25) Isophorone	7.43	82	443699	51.360 ng	#	62
51) 2,6-Dinitrotoluene	9.92	165	16552	7.515 ng	#	27
57) 2,4-Dinitrotoluene	9.92	165	16552	5.630 ng	#	25
67) 4-Bromophenyl-phenylether	10.71	248	13106	4.879 ng	#	1
77) Benzidine	13.00	184	13761	2.535 ng	#	95

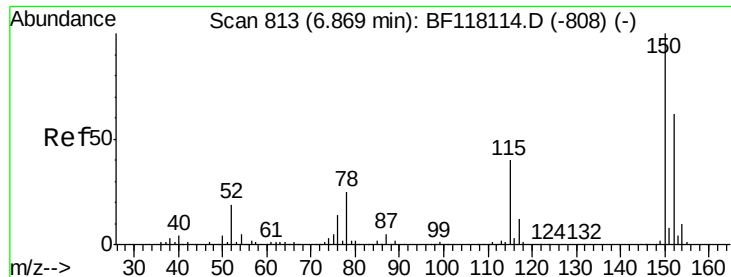
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 11 02:36:03 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



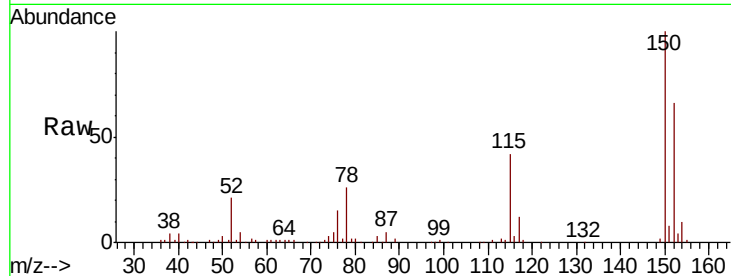


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	128.3	192.5
115	63.6	51.1	76.7

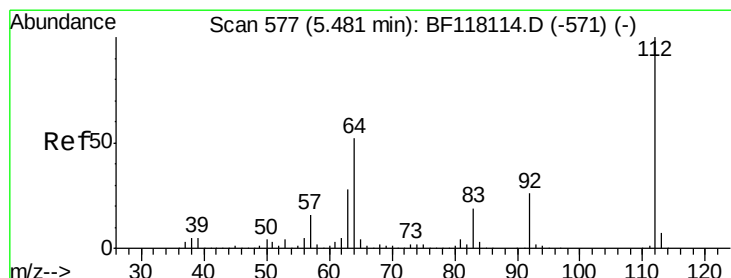
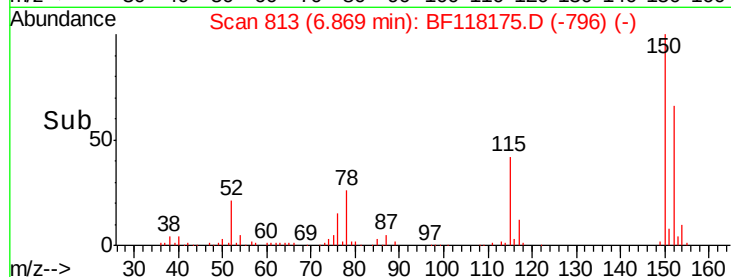
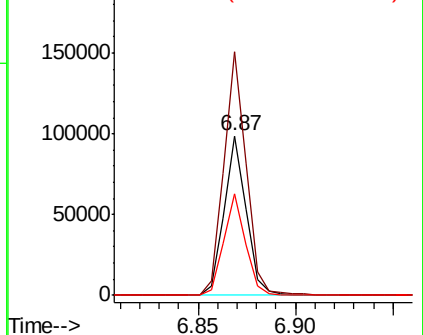


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

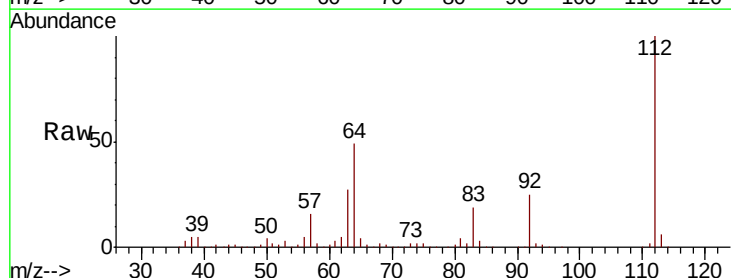
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.379 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	41.3	61.9
63	27.5	22.4	33.6

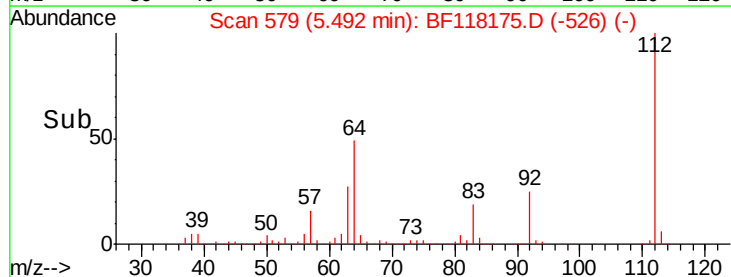
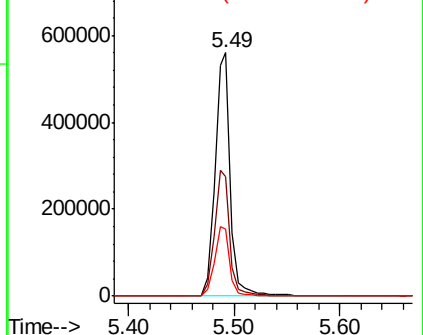


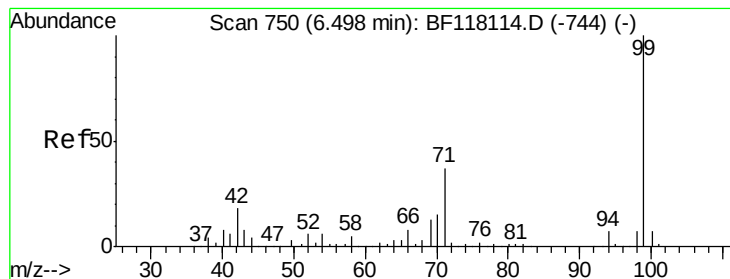
Abundance

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: 115.822 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118175.D

Acq: 10 Dec 2019 20:55

Instrument :

BNA_F

ClientSampleId :

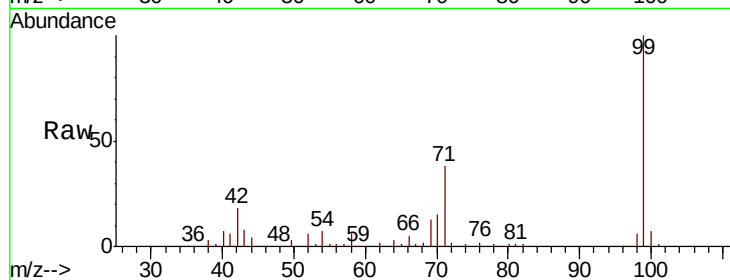
Tot Ion: 99 Resp: 621490

Ion Ratio Lower Upper

99 100

42 17.9 14.1 21.1

71 37.7 29.7 44.5



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

800000

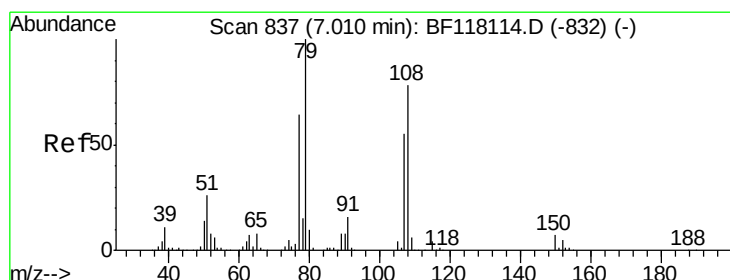
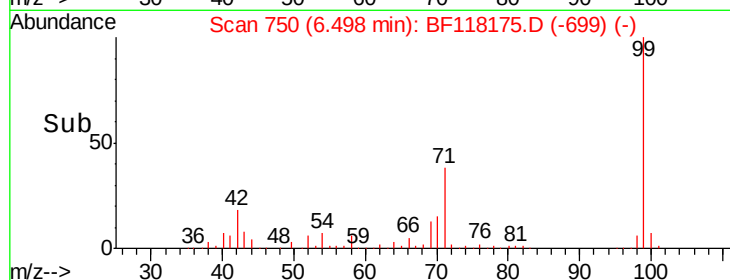
600000

400000

200000

0

Time--> 6.40 6.50 6.60



#15

Benzyl Alcohol

Concen: 2.040 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.02 min

Lab File: BF118175.D

Acq: 10 Dec 2019 20:55

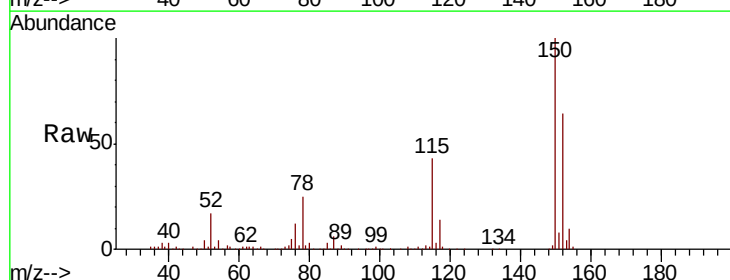
Tgt Ion: 79 Resp: 8544

Ion Ratio Lower Upper

79 100

108 33.2 62.7 94.1#

77 108.7 51.4 77.2#



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

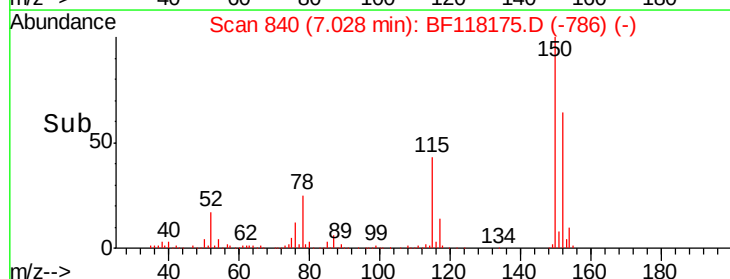
15000

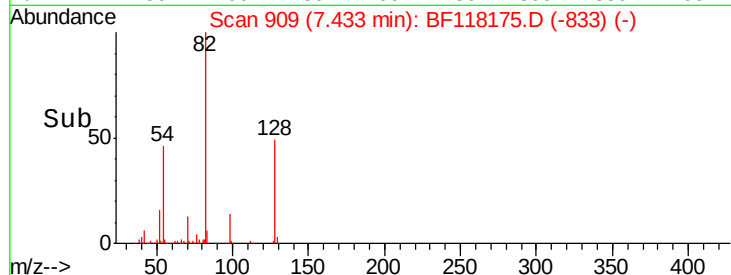
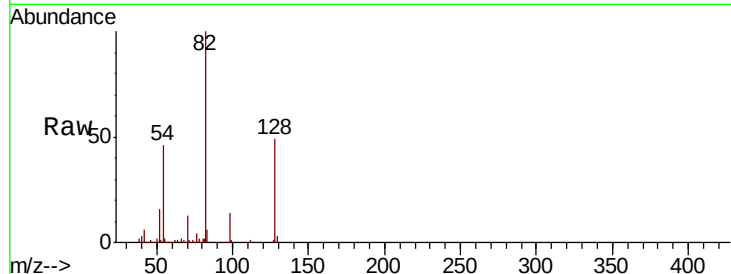
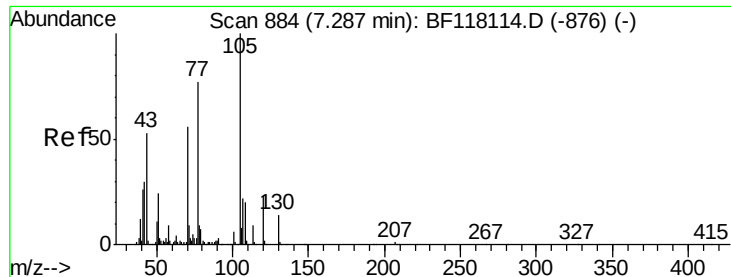
10000

5000

0

Time--> 6.98 7.00 7.02 7.04 7.06

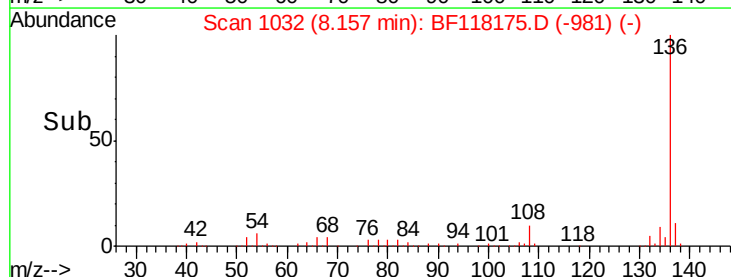
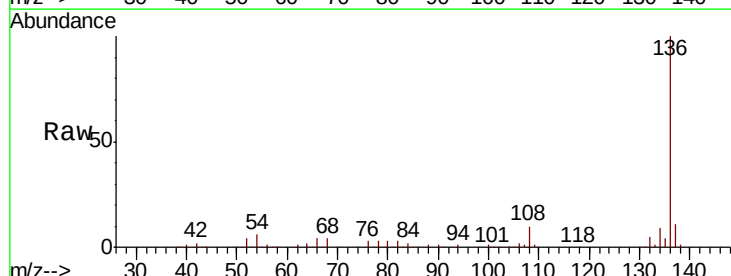
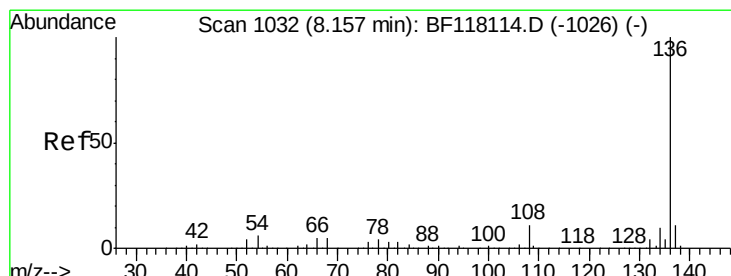
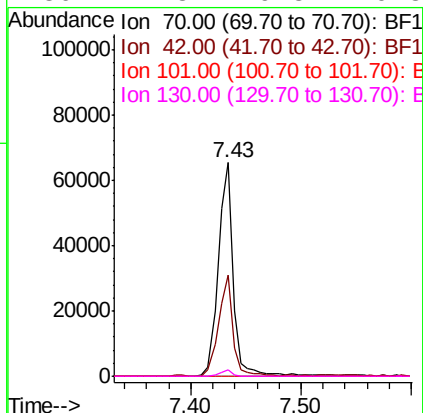




#19
n-Nitroso-di-n-propylamine
Concen: 18.939 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

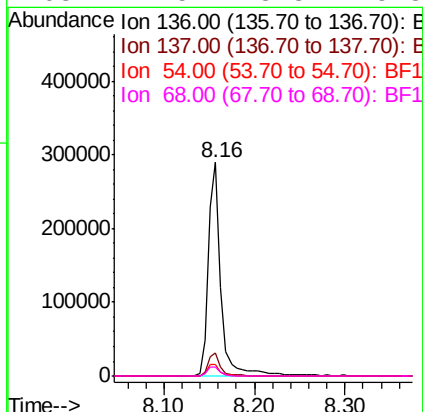
Instrument :
BNA_F
ClientSampled :

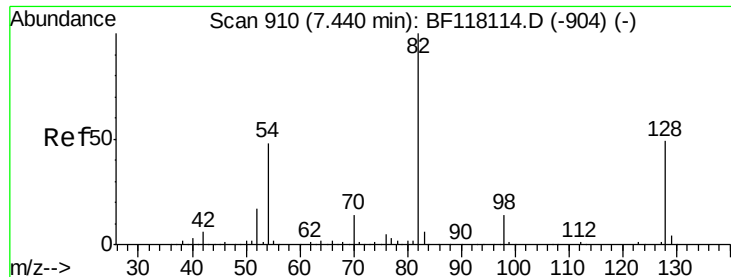
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.3	43.2	64.8
101	0.0	8.1	12.1
130	2.8	19.8	29.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	5.6	5.0	7.6
68	4.5	3.8	5.8

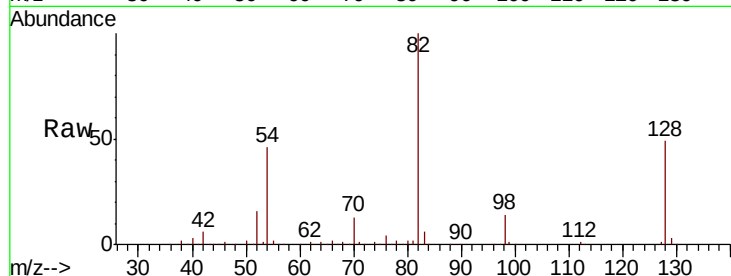




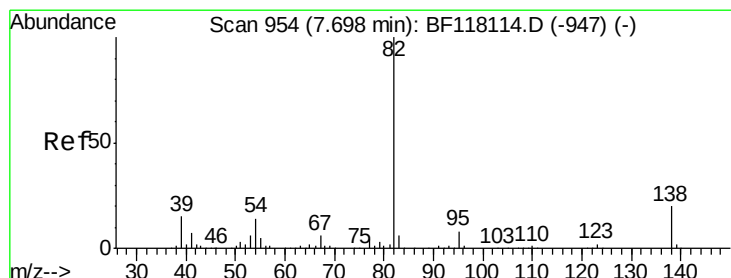
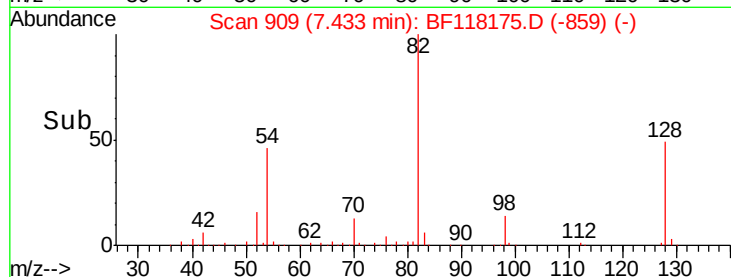
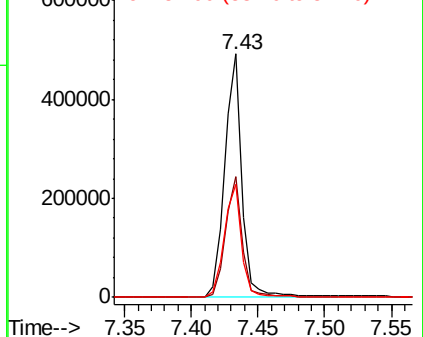
#23
Nitrobenzene-d5
Concen: 88.249 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 449723
Ion Ratio Lower Upper
82 100
128 49.5 39.1 58.7
54 46.3 38.2 57.2

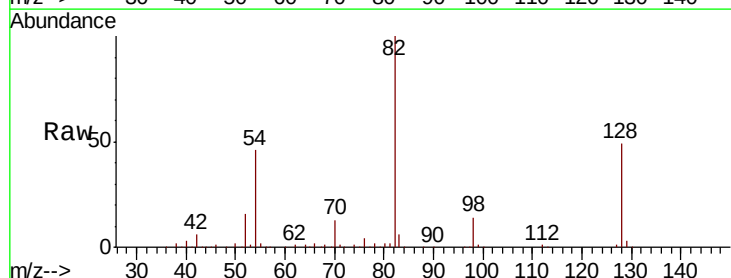


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

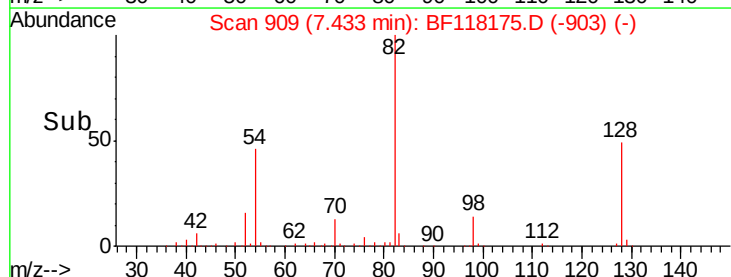
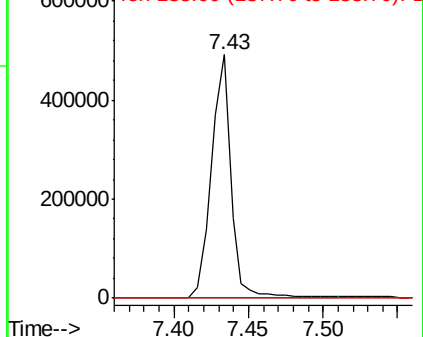


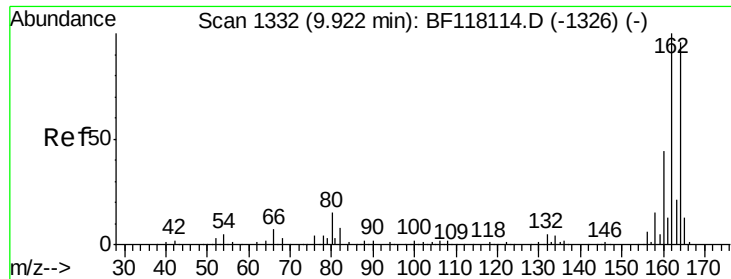
#25
Isophorone
Concen: 51.360 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

Tgt Ion: 82 Resp: 443699
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): BF1

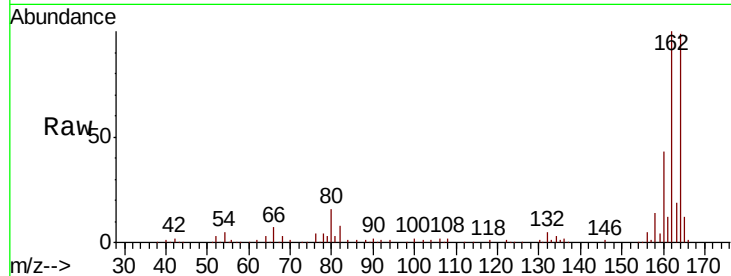




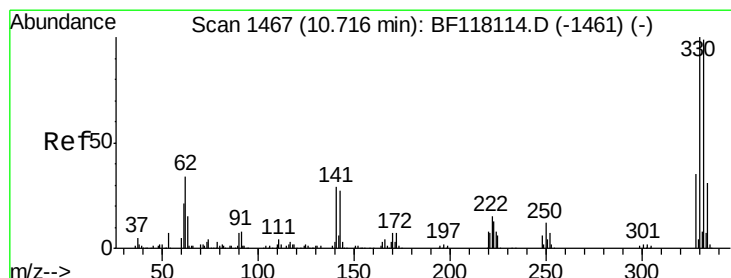
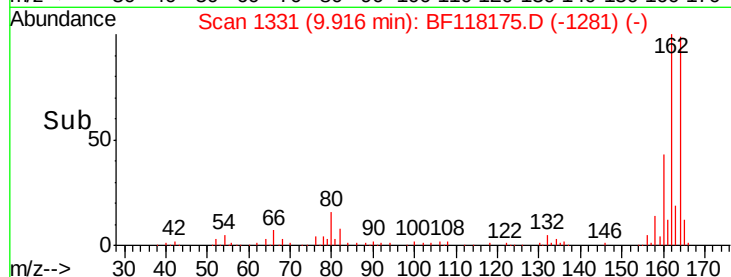
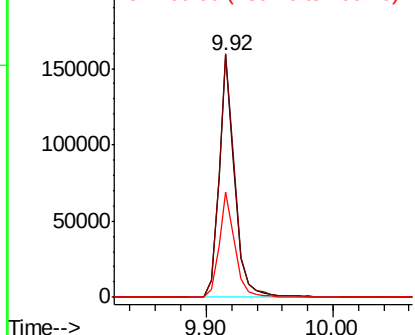
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 137134
Ion Ratio Lower Upper
164 100
162 100.6 83.4 125.0
160 43.5 36.6 54.8

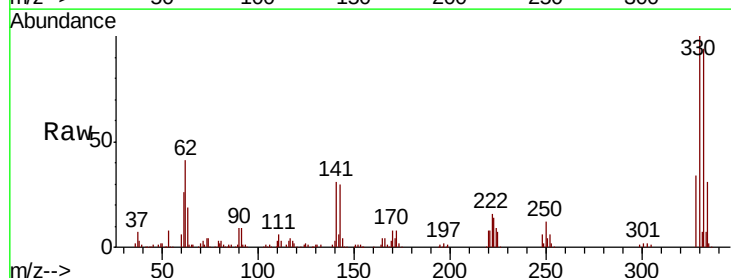


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

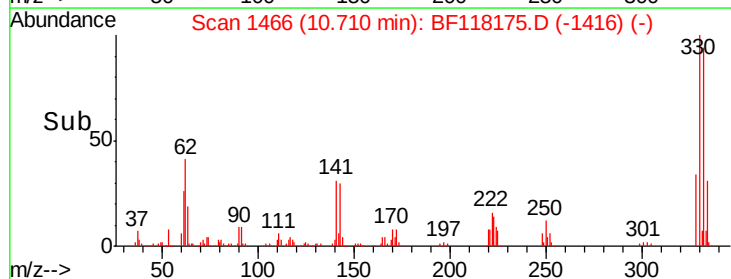
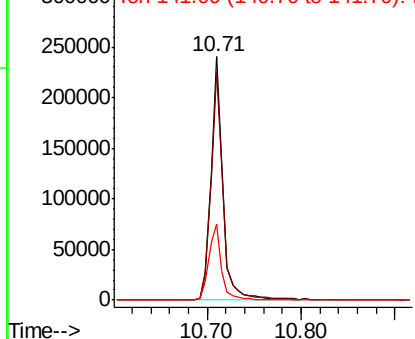


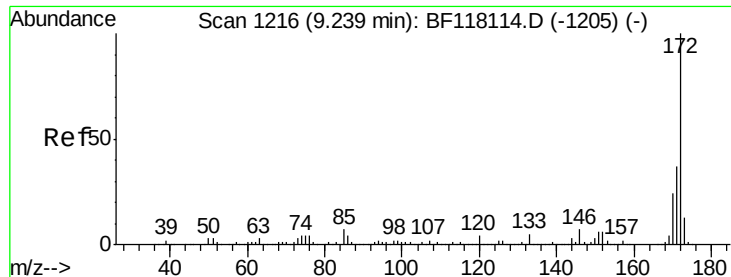
#42
2,4,6-Tribromophenol
Concen: 130.909 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

Tgt Ion:330 Resp: 218085
Ion Ratio Lower Upper
330 100
332 95.1 78.1 117.1
141 32.4 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

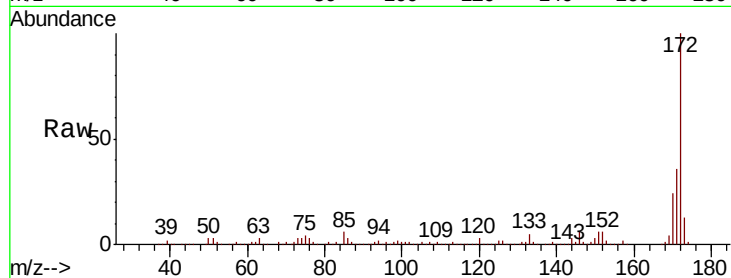




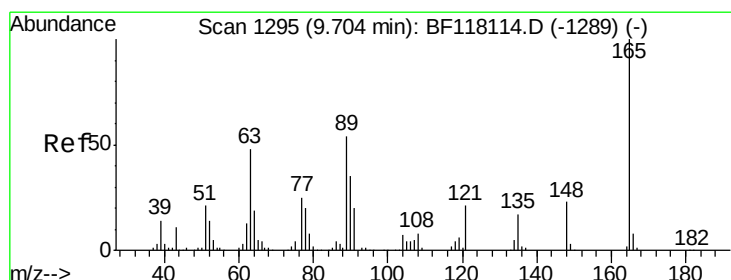
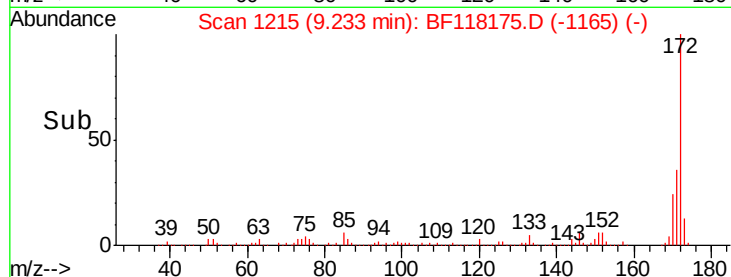
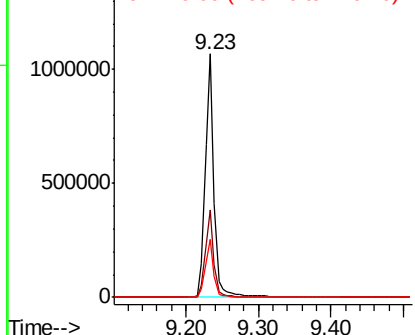
#45
2-Fluorobiphenyl
Concen: 99.908 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 900393
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 23.8 19.4 29.2

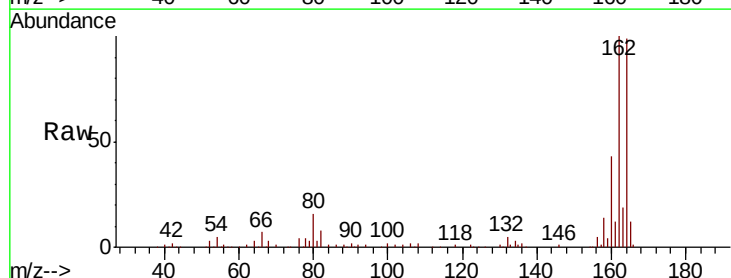


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

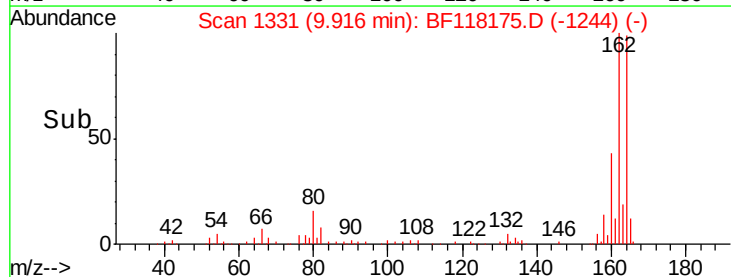
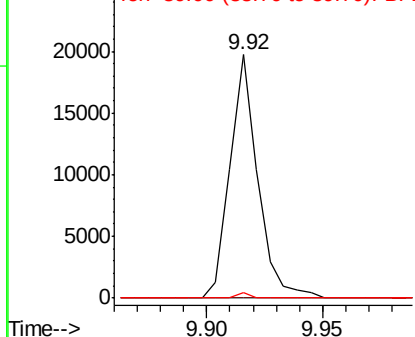


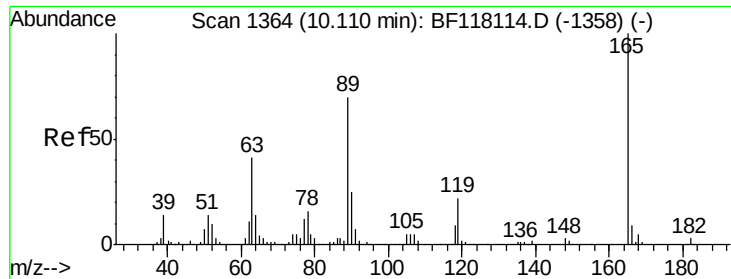
#51
2,6-Dinitrotoluene
Concen: 7.515 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

Tgt Ion:165 Resp: 16552
Ion Ratio Lower Upper
165 100
63 0.0 41.4 62.0#
89 2.0 42.9 64.3#



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

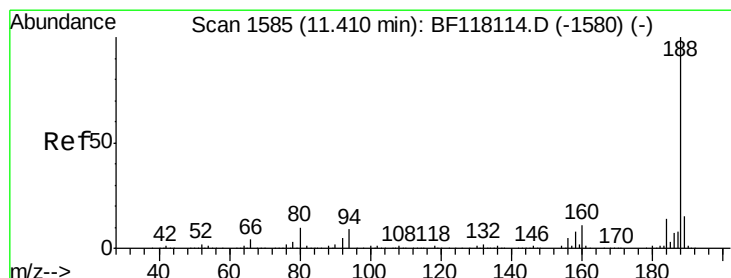
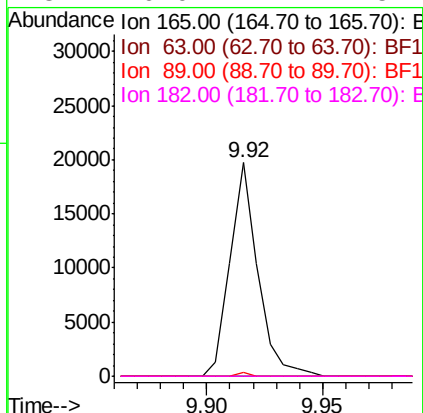
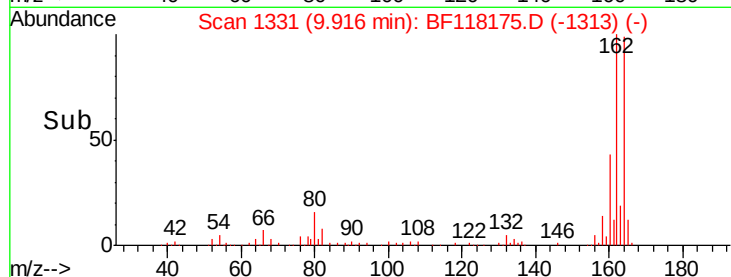
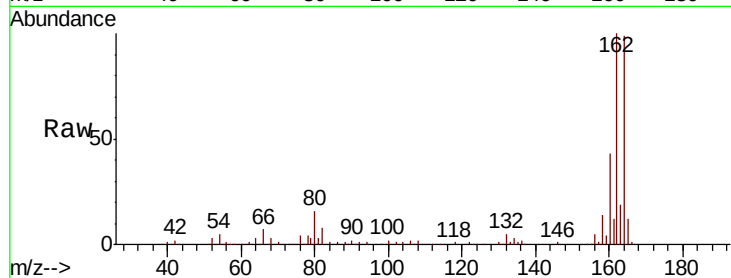




#57
 2,4-Dinitrotoluene
 Concen: 5.630 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118175.D
 Acq: 10 Dec 2019 20:55

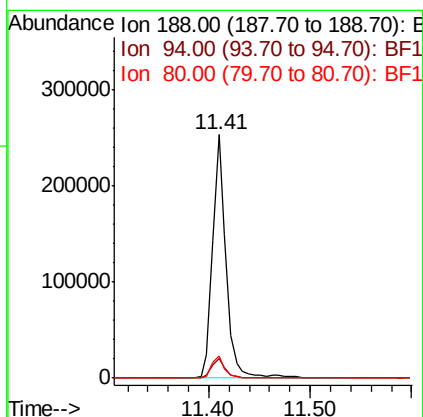
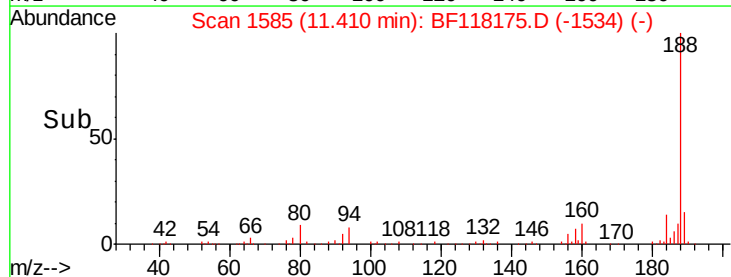
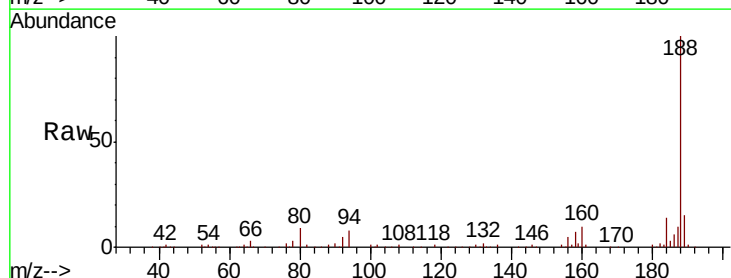
Instrument :
 BNA_F
 ClientSampleId :

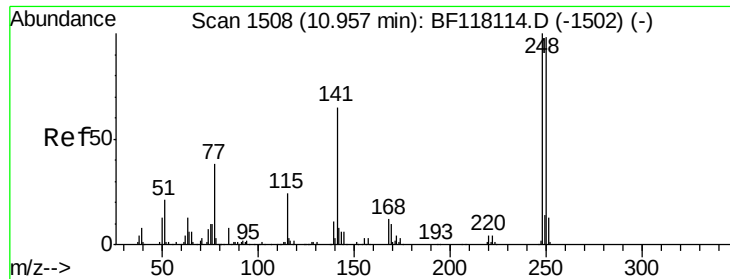
Tot Ion:165	Resp:	16552
Ion Ratio	Lower	Upper
165	100	
63	0.0	32.6 49.0#
89	2.0	56.1 84.1#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF118175.D
 Acq: 10 Dec 2019 20:55

Tgt Ion:188	Resp:	235306
Ion Ratio	Lower	Upper
188	100	
94	8.1	7.1 10.7
80	8.9	7.9 11.9

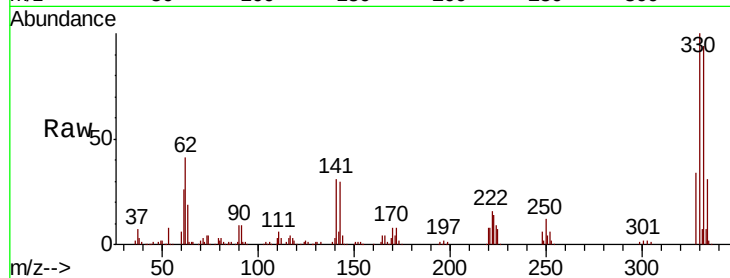




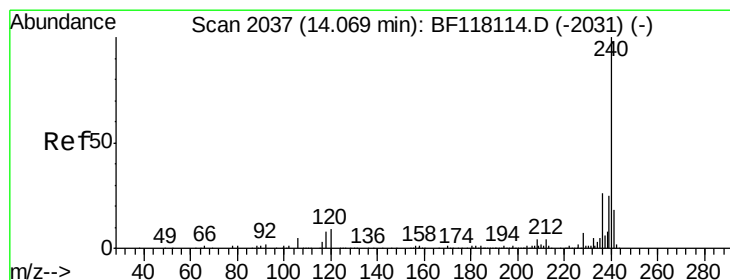
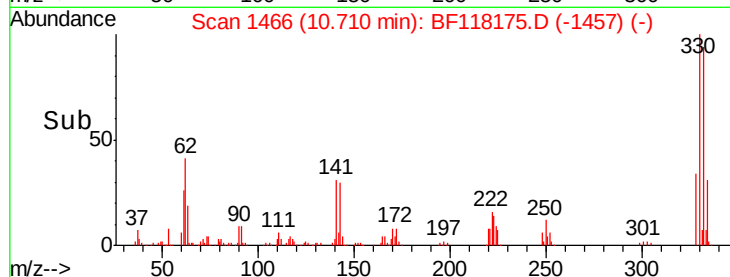
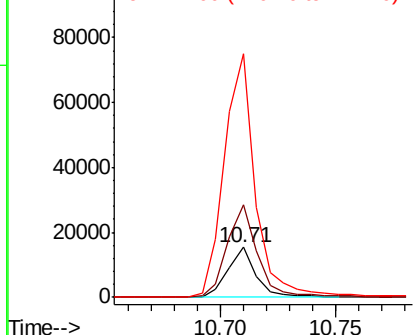
#67
4-Bromophenyl-phenylether
Concen: 4.879 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 13106
Ion Ratio Lower Upper
248 100
250 186.4 78.3 117.5#
141 487.4 52.2 78.4#

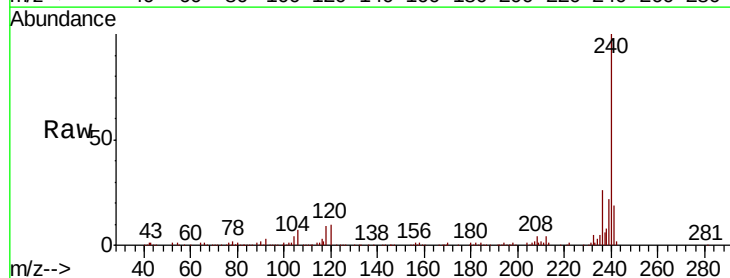


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

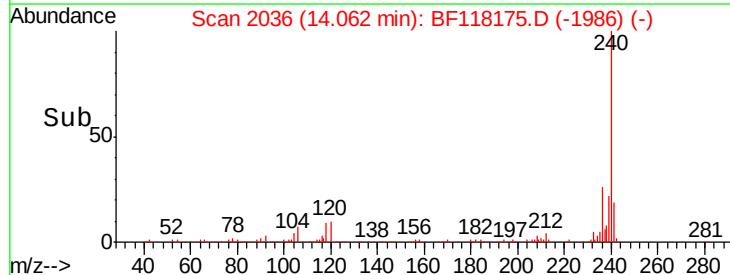
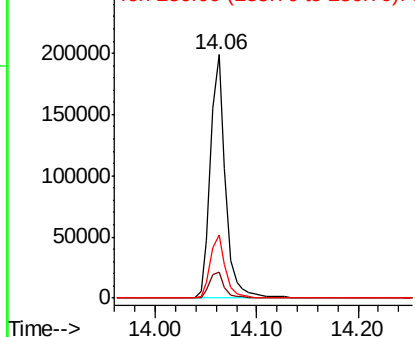


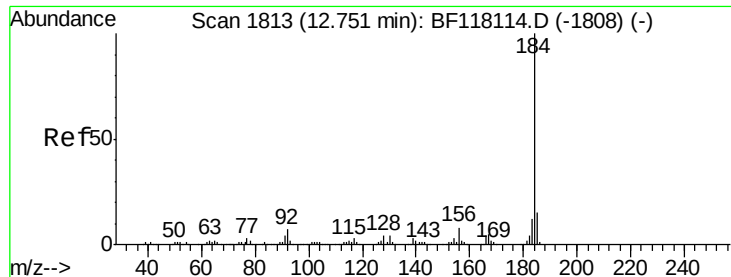
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

Tgt Ion:240 Resp: 206235
Ion Ratio Lower Upper
240 100
120 10.5 7.1 10.7
236 25.7 21.0 31.6



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





#77

Benzidine

Concen: 2.535 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.25 min

Lab File: BF118175.D

Acq: 10 Dec 2019 20:55

Instrument :

BNA_F

ClientSampleId :

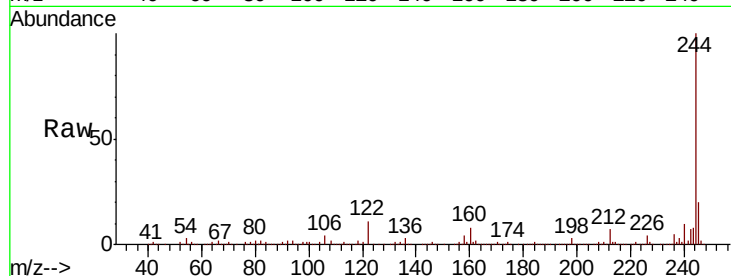
Tot Ion:184 Resp: 13761

Ion Ratio Lower Upper

184 100

185 15.7 12.3 18.5

183 8.1 9.9 14.9#

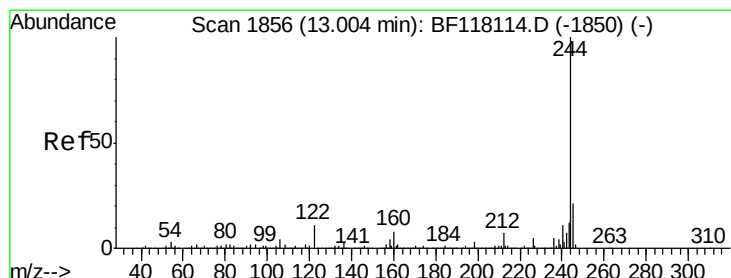
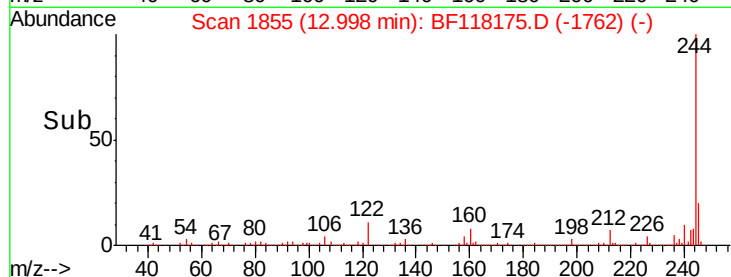
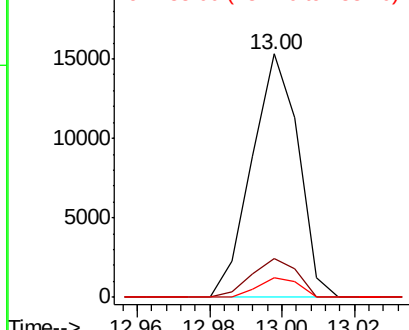


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 83.718 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118175.D

Acq: 10 Dec 2019 20:55

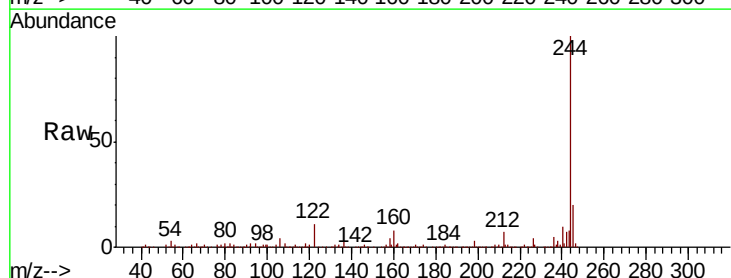
Tgt Ion:244 Resp: 1004025

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 11.5 9.0 13.6

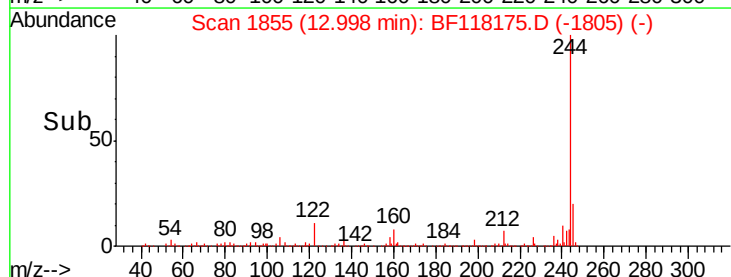
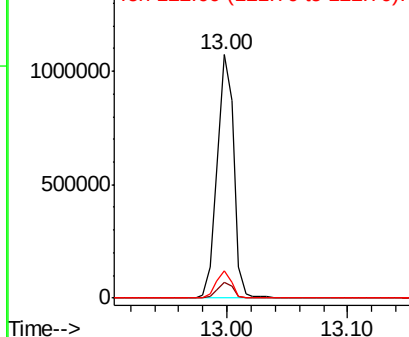


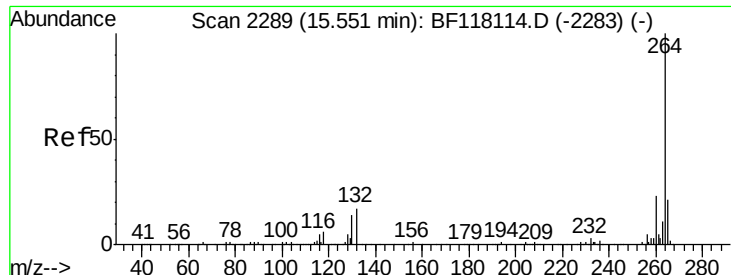
Abundance

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

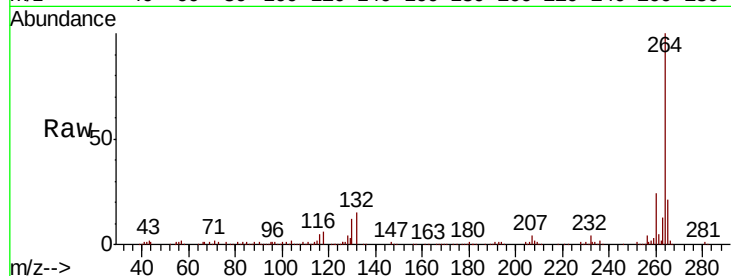




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118175.D
Acq: 10 Dec 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	20.6	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

