

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120937.D
 Acq On : 20 Jul 2020 17:11
 Operator : JU/CG
 Sample : L3328-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-7

Quant Time: Jul 20 18:31:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

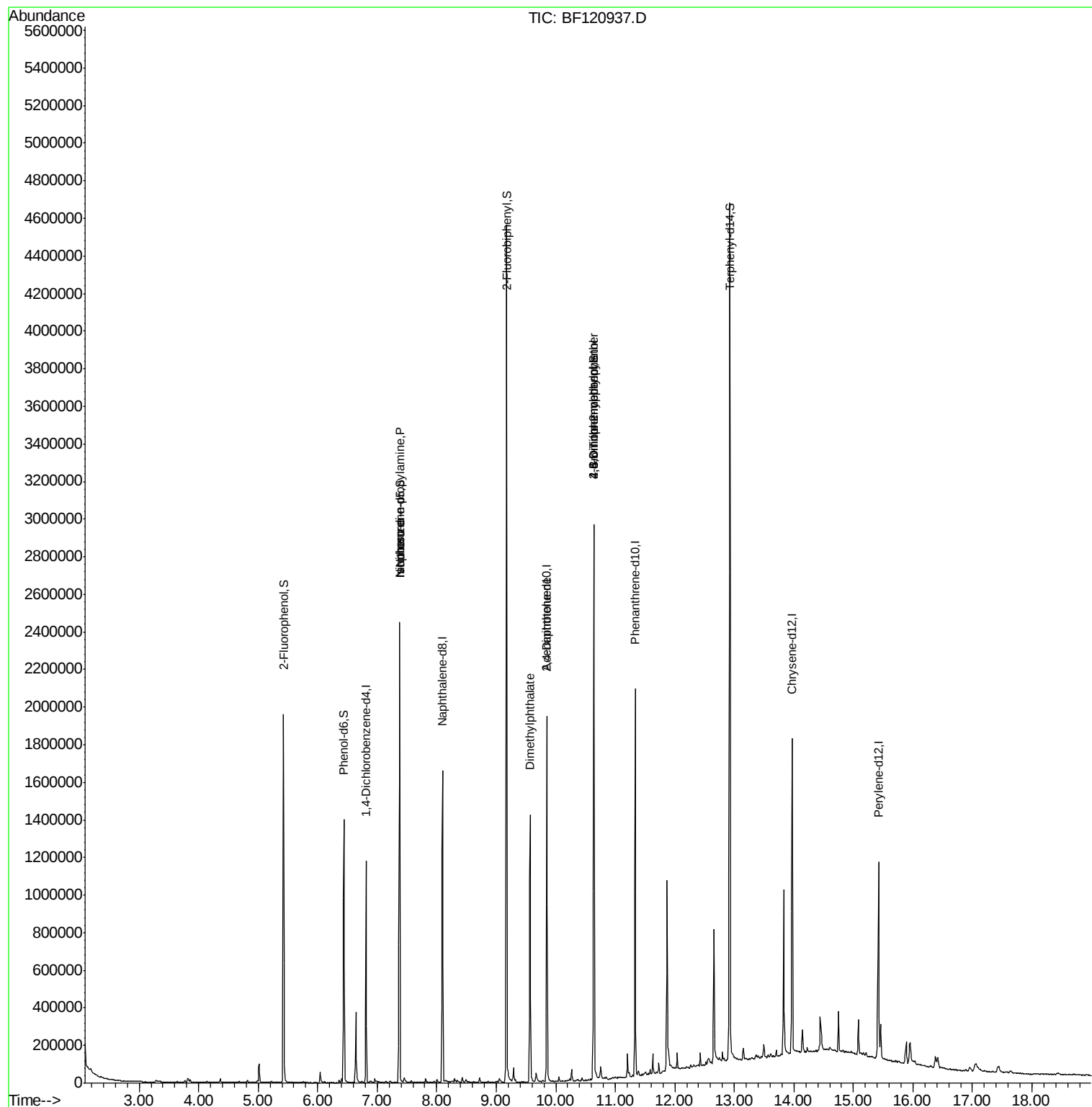
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	187574	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	729473	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	388648	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	743296	20.00	ng	0.00
76) Chrysene-d12	13.97	240	608221	20.00	ng	0.00
86) Perylene-d12	15.42	264	490005	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	592903	51.82	ng	0.00
7) Phenol-d6	6.44	99	467157	31.61	ng	0.00
23) Nitrobenzene-d5	7.37	82	941917	74.71	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	453239	106.54	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1601519	61.52	ng	0.00
79) Terphenyl-d14	12.93	244	1807036	64.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	2279	Below Cal		88
19) n-Nitroso-di-n-propylamine	7.37	70	124267	14.786 ng	#	79
25) Isophorone	7.37	82	933848	37.116 ng	#	63
50) Dimethylphthalate	9.57	163	578599	20.636 ng		100
57) 2,4-Dinitrotoluene	9.85	165	49897	6.308 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.64	198	956	4.047 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	25943	3.131 ng	#	1

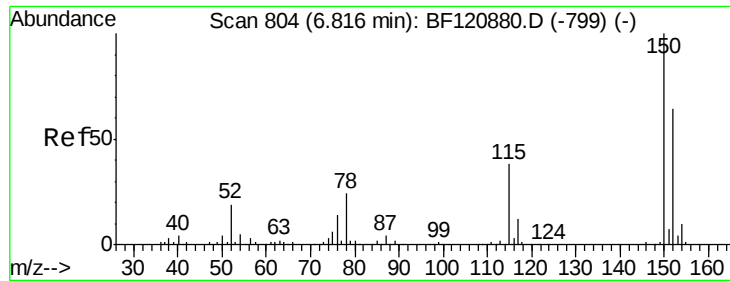
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120937.D
Acq On : 20 Jul 2020 17:11
Operator : JU/CG
Sample : L3328-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM-7

Quant Time: Jul 20 18:31:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration



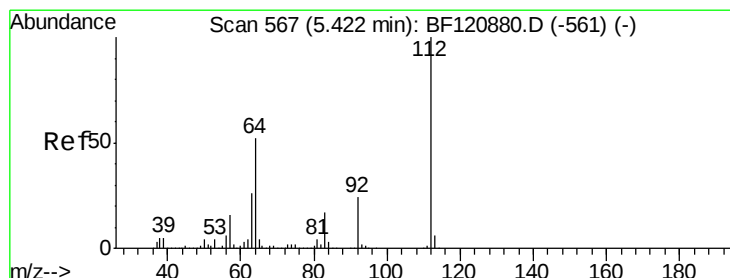
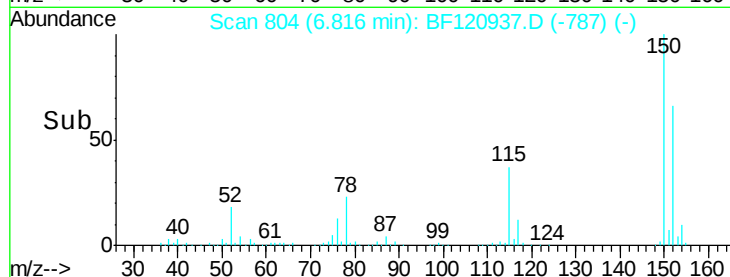
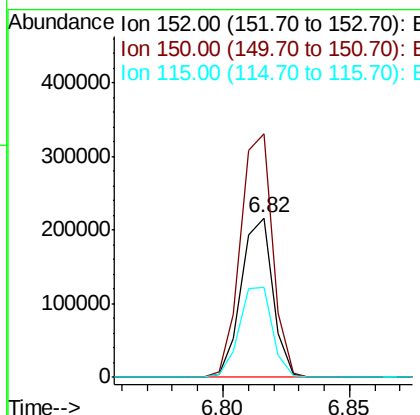
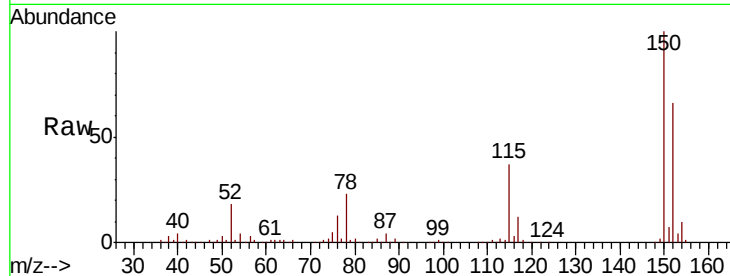


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120937.D
Acq: 20 Jul 2020 17:11

Instrument :
BNA_F
ClientSampleId :
ERM-7

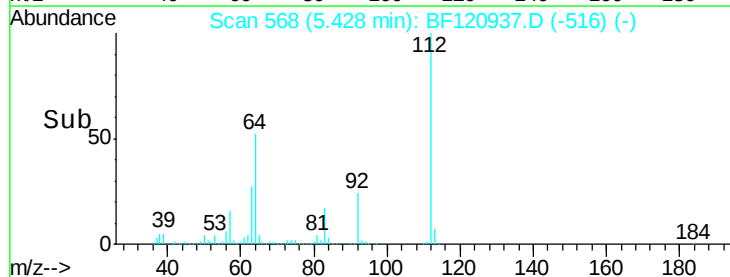
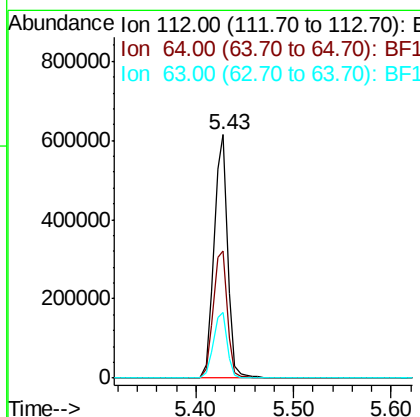
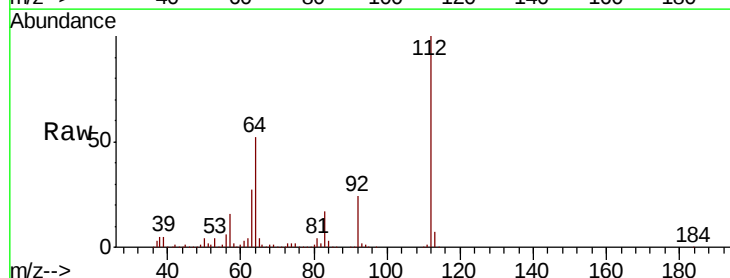
Tot Ion:152 Resp: 187574
Ion Ratio Lower Upper
152 100
150 152.7 125.0 187.6
115 56.4 47.0 70.4



#5

2-Fluorophenol
Concen: 51.818 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120937.D
Acq: 20 Jul 2020 17:11

Tgt Ion:112 Resp: 592903
Ion Ratio Lower Upper
112 100
64 52.3 41.3 61.9
63 27.0 21.1 31.7





#7

Phenol-d6

Concen: 31.607 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120937.D

Acq: 20 Jul 2020 17:11

Instrument :

BNA_F

ClientSampleId :

ERM-7

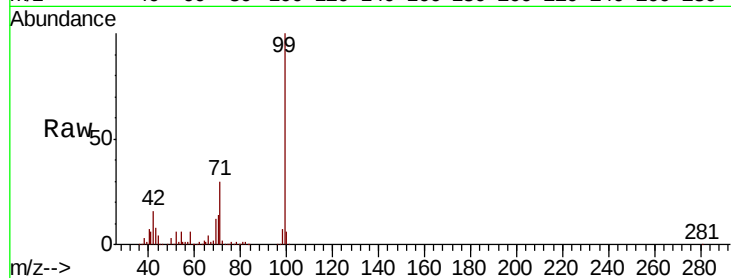
Tot Ion: 99 Resp: 467157

Ion Ratio Lower Upper

99 100

42 16.2 13.1 19.7

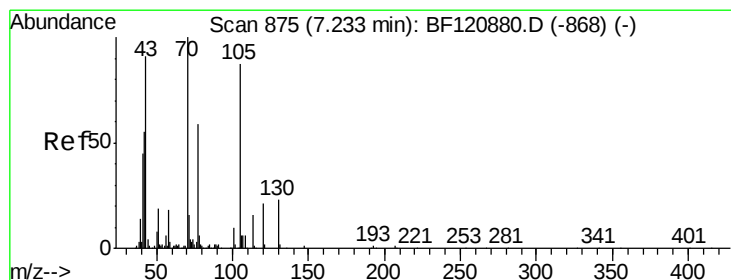
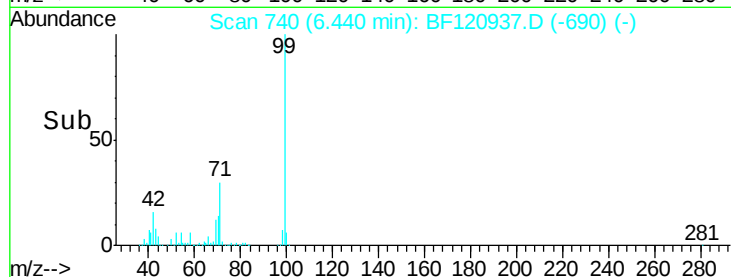
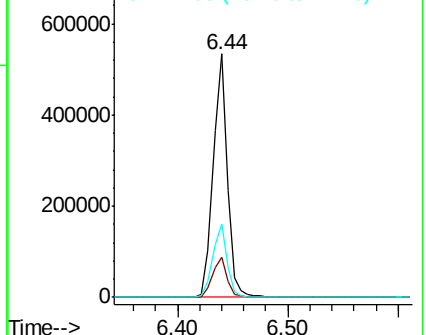
71 30.2 24.2 36.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.786 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120937.D

Acq: 20 Jul 2020 17:11

Tgt Ion: 70 Resp: 124267

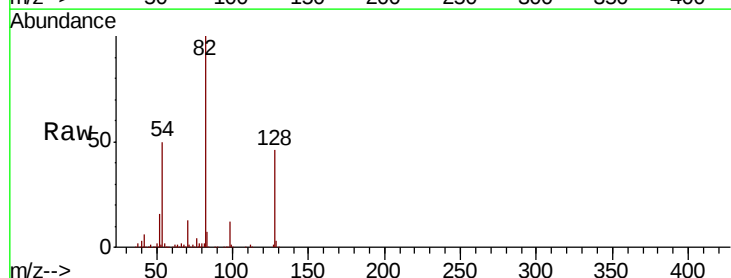
Ion Ratio Lower Upper

70 100

42 46.7 44.0 66.0

101 0.0 7.8 11.6#

130 2.5 18.7 28.1#

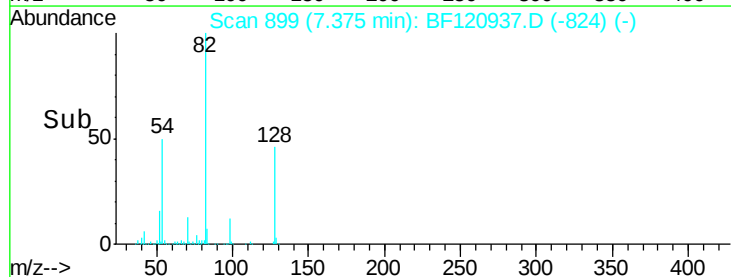
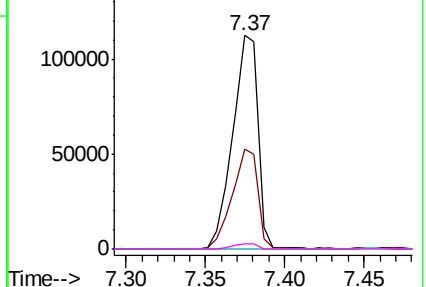


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120937.D

Acq: 20 Jul 2020 17:11

Instrument :

BNA_F

ClientSampleId :

ERM-7

Tot Ion:136 Resp: 729473

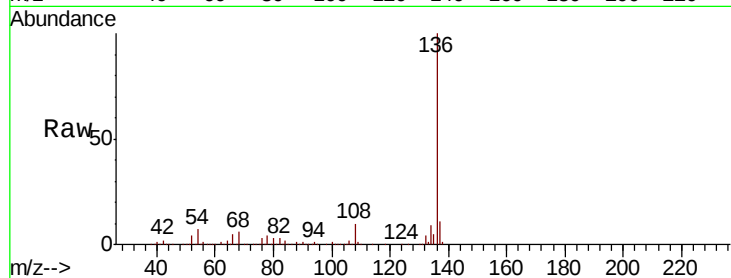
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.1 6.3 9.5

68 6.0 5.0 7.4

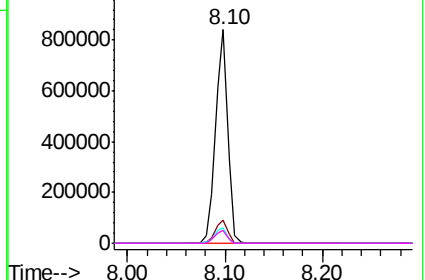
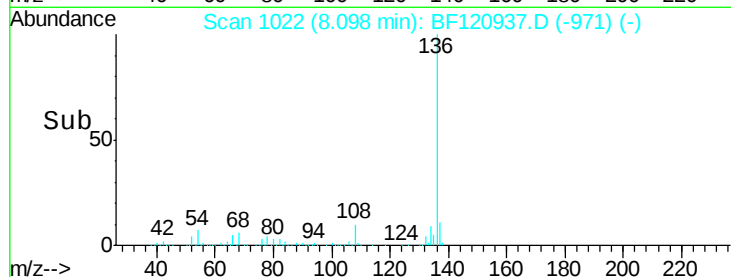


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.714 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120937.D

Acq: 20 Jul 2020 17:11

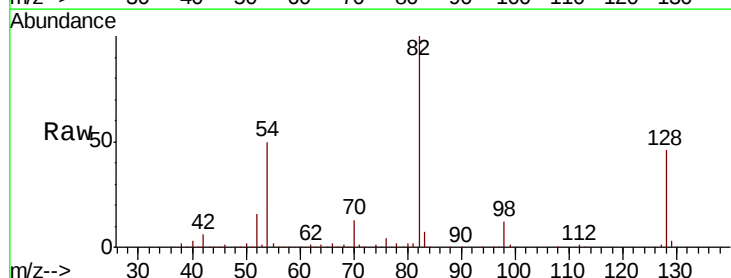
Tgt Ion: 82 Resp: 941917

Ion Ratio Lower Upper

82 100

128 46.5 38.2 57.4

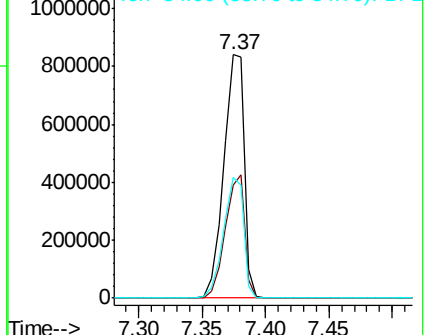
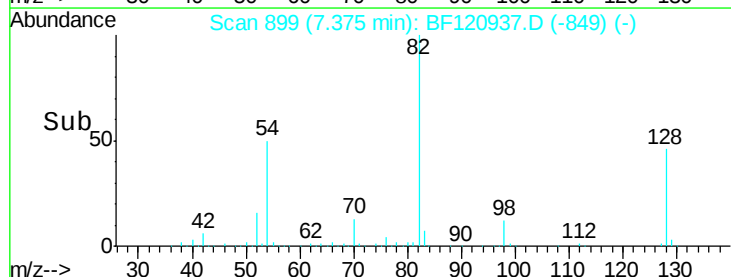
54 49.6 38.7 58.1

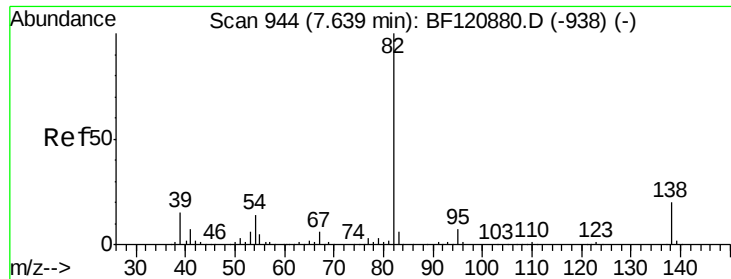


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.116 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120937.D

Acq: 20 Jul 2020 17:11

Instrument :

BNA_F

ClientSampleId :

ERM-7

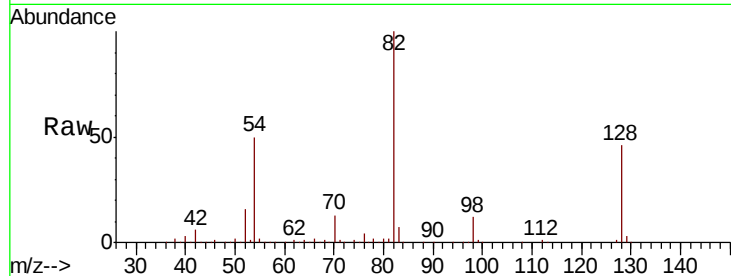
Tot Ion: 82 Resp: 933848

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

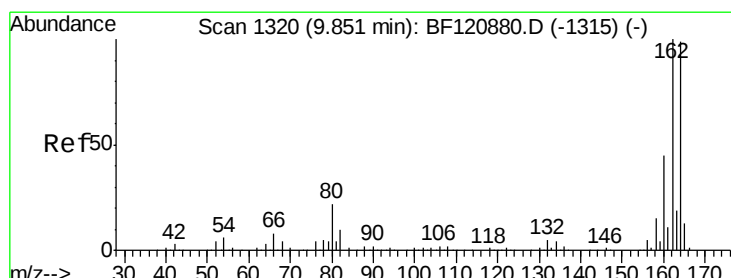
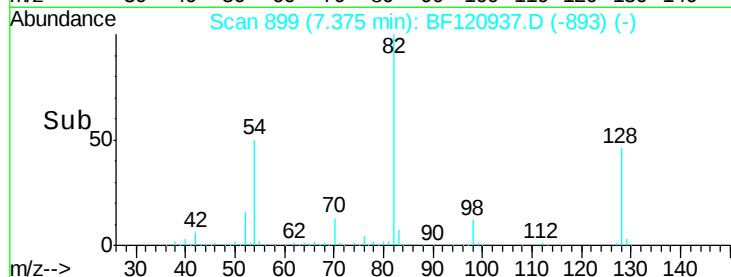
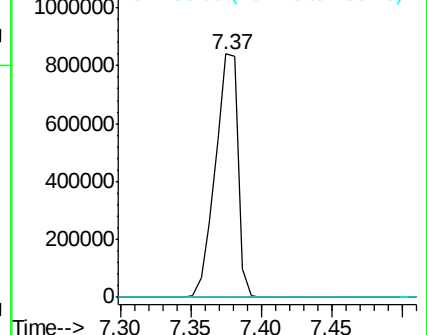
138 0.0 15.6 23.4#



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120937.D

Acq: 20 Jul 2020 17:11

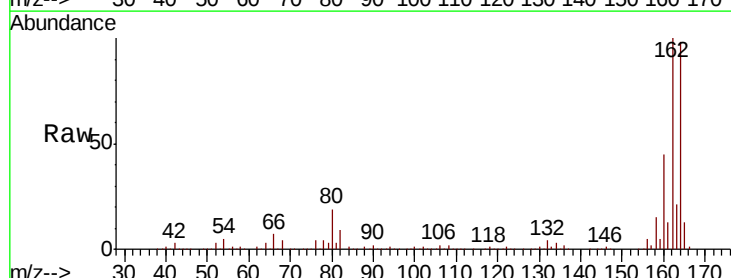
Tgt Ion: 164 Resp: 388648

Ion Ratio Lower Upper

164 100

162 102.1 81.2 121.8

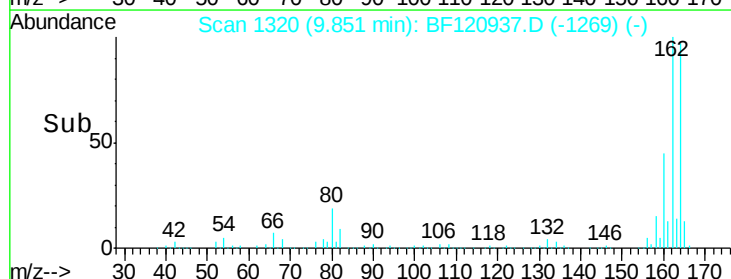
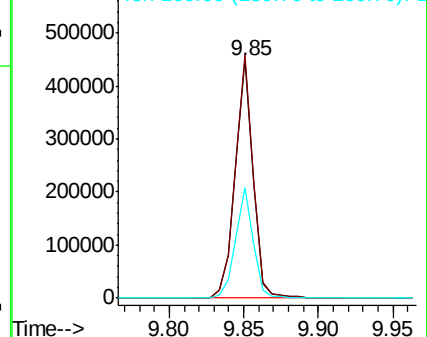
160 46.3 36.9 55.3

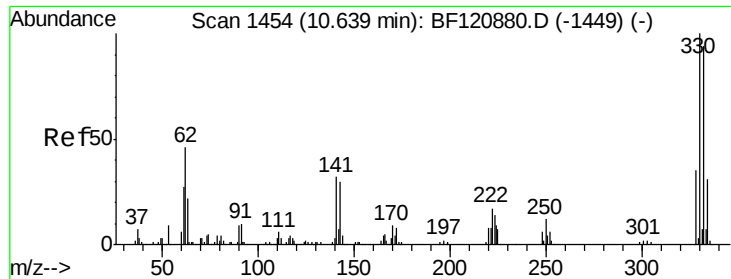


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

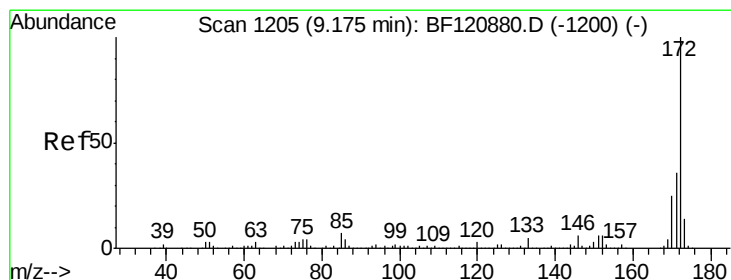
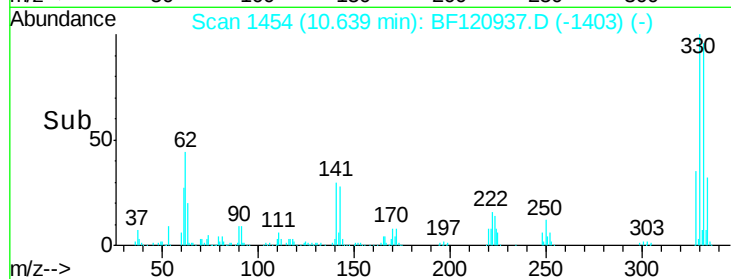
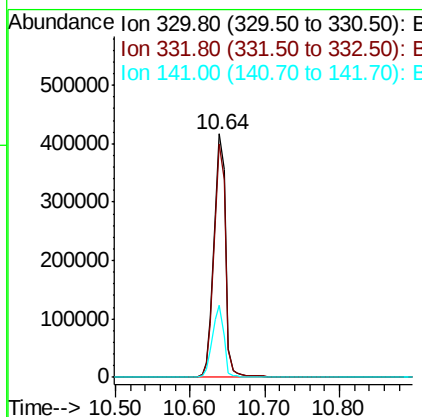
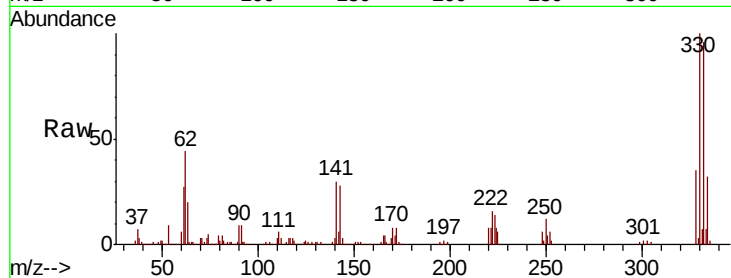




#42
 2,4,6-Tribromophenol
 Concen: 106.541 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120937.D
 Acq: 20 Jul 2020 17:11

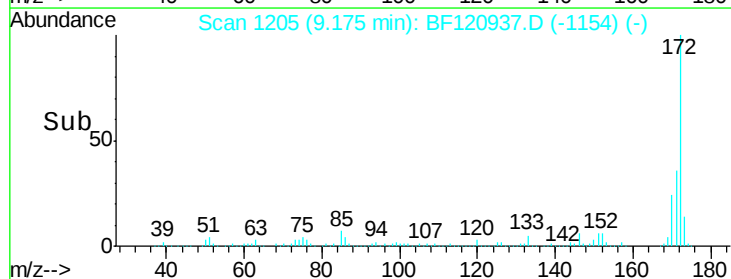
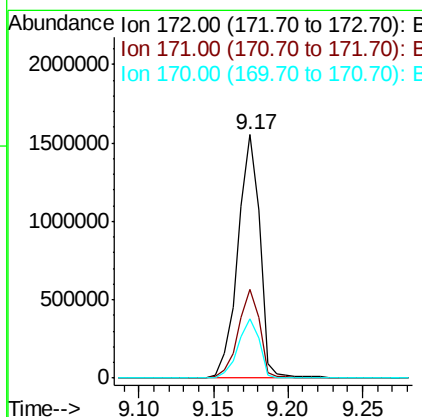
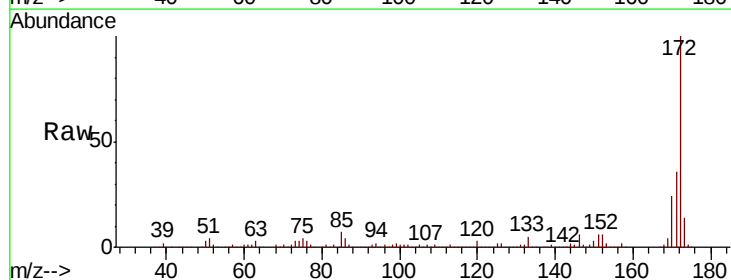
Instrument :
 BNA_F
 ClientSampled :
 ERM-7

Tot Ion:330 Resp: 453239
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.5 113.3
 141 29.6 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 61.524 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120937.D
 Acq: 20 Jul 2020 17:11

Tgt Ion:172 Resp: 1601519
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.4 19.6 29.4

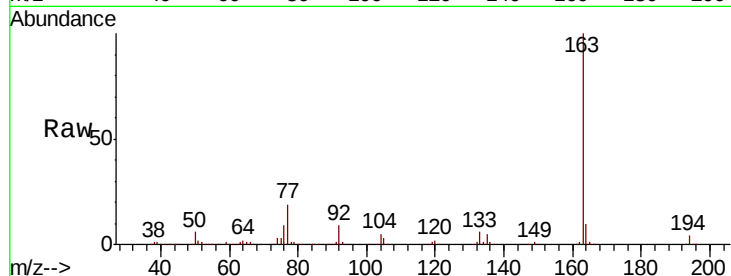




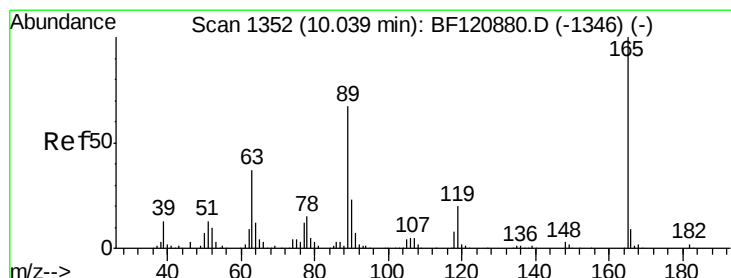
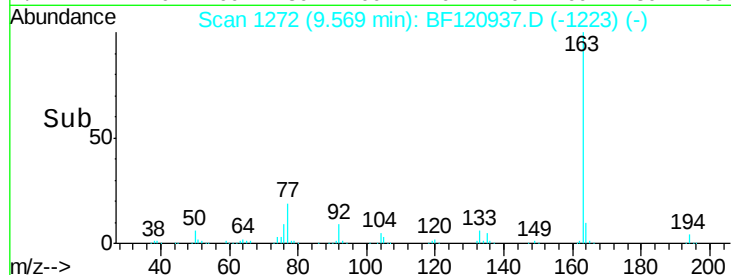
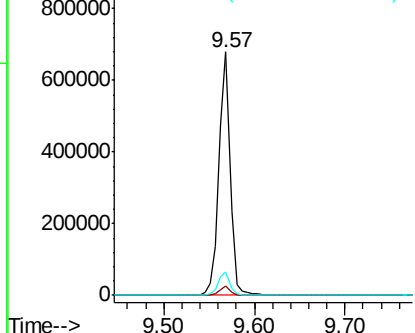
#50
Dimethylphthalate
Concen: 20.636 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF120937.D
Acq: 20 Jul 2020 17:11

Instrument :
BNA_F
ClientSampleId :
ERM-7

Tot Ion:163 Resp: 578599
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.9 7.9 11.9

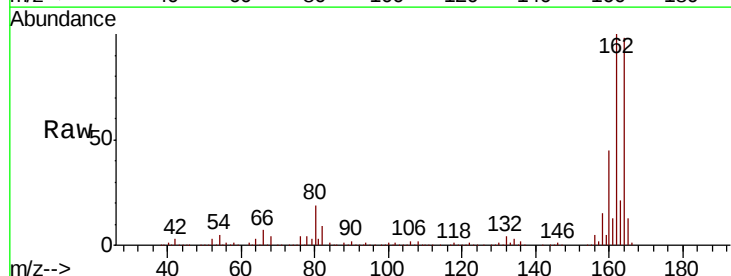


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

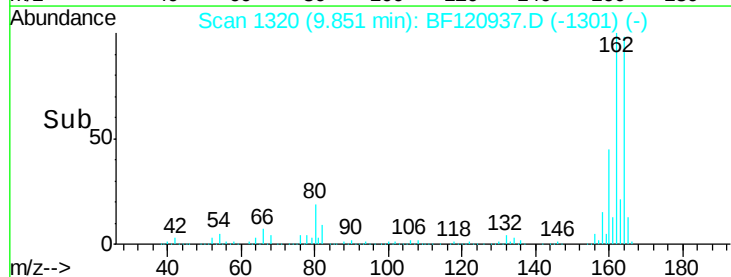
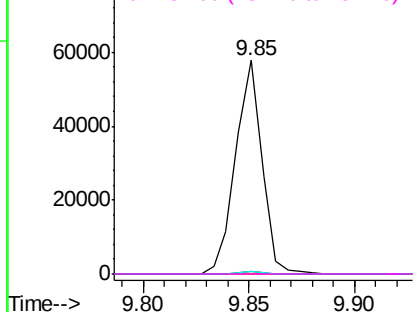


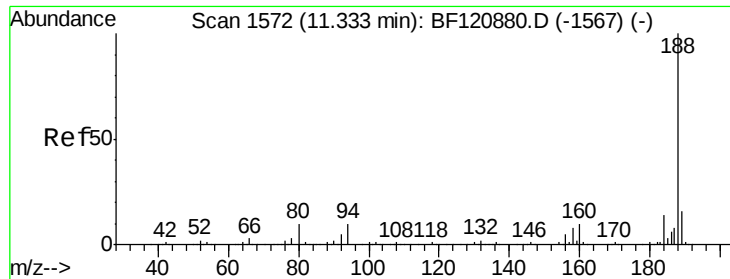
#57
2,4-Dinitrotoluene
Concen: 6.308 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120937.D
Acq: 20 Jul 2020 17:11

Tgt Ion:165 Resp: 49897
Ion Ratio Lower Upper
165 100
63 1.1 29.4 44.2#
89 1.2 53.4 80.0#
182 0.0 1.8 2.6#



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

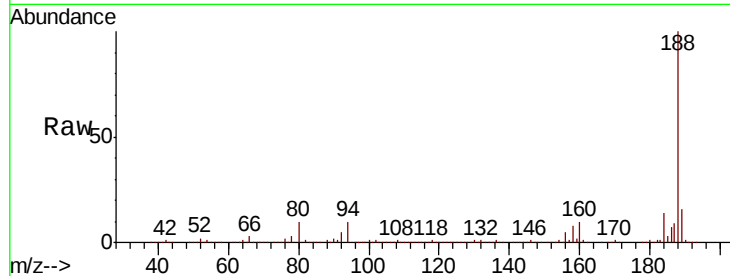




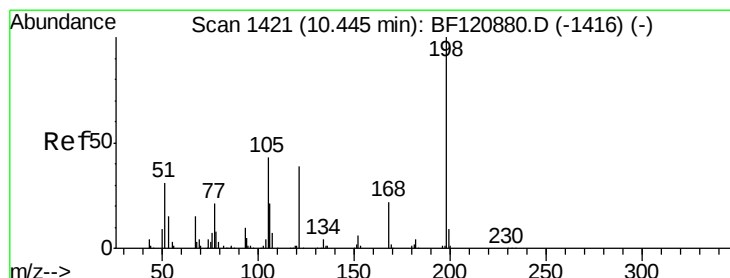
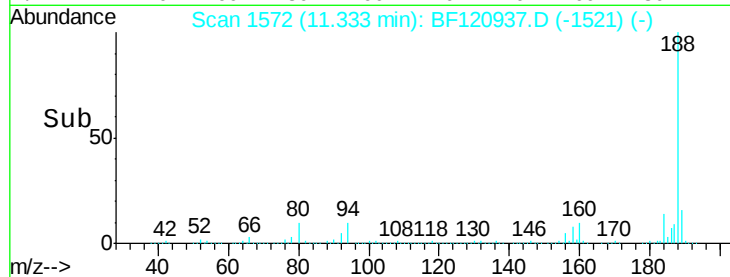
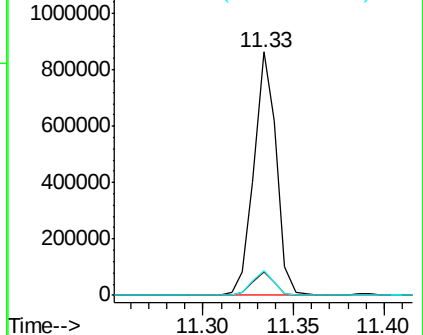
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120937.D
Acq: 20 Jul 2020 17:11

Instrument :
BNA_F
ClientSampleId :
ERM-7

Tot Ion:188 Resp: 743296
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.1 8.3 12.5

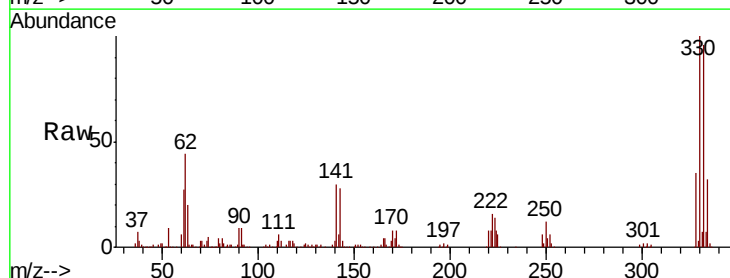


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

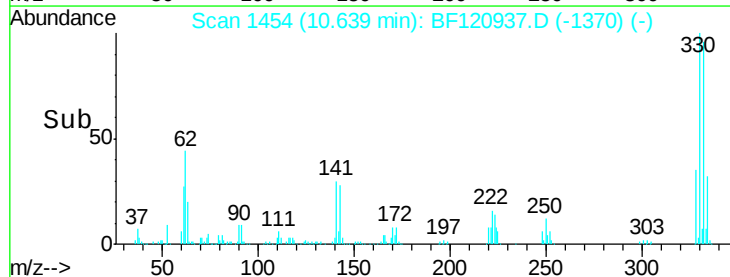
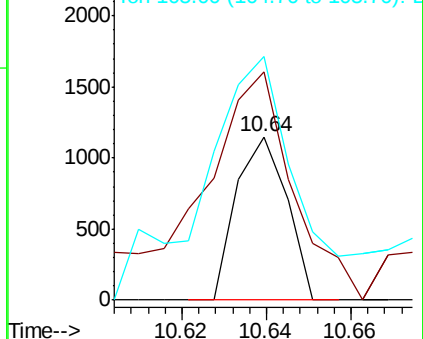


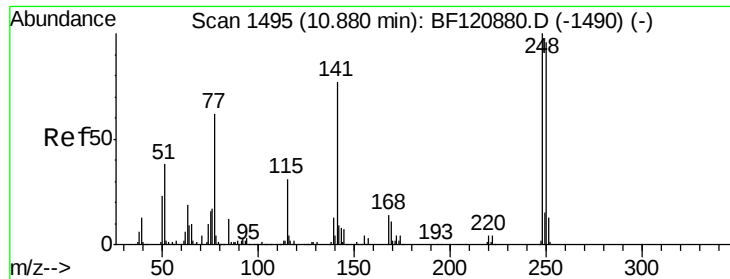
#65
4,6-Dinitro-2-methylphenol
Concen: 4.047 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF120937.D
Acq: 20 Jul 2020 17:11

Tgt Ion:198 Resp: 956
Ion Ratio Lower Upper
198 100
51 139.5 19.5 59.5#
105 149.1 24.4 64.4#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

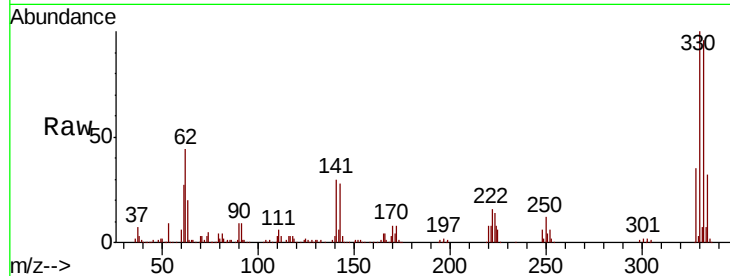




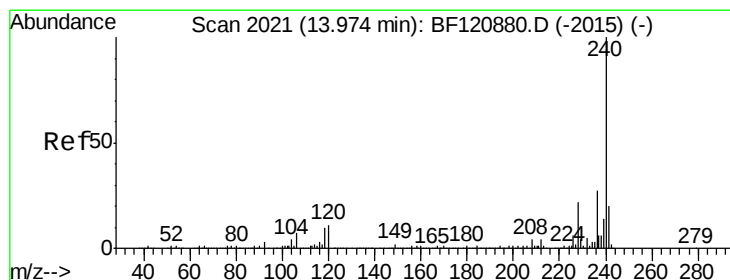
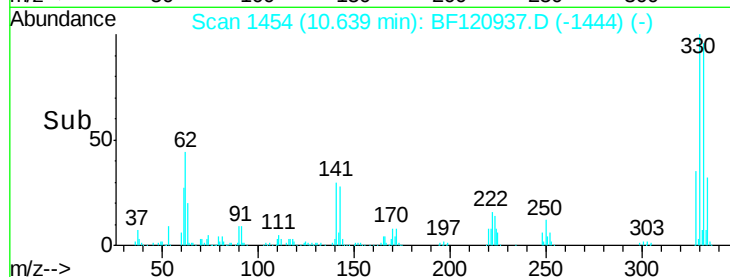
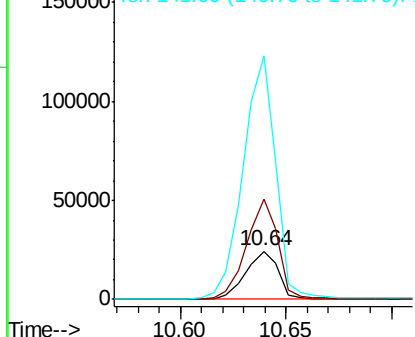
#67
 4-Bromophenyl-phenylether
 Concen: 3.131 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120937.D
 Acq: 20 Jul 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 ERM-7

Tot Ion:248 Resp: 25943
 Ion Ratio Lower Upper
 248 100
 250 210.8 77.1 115.7#
 141 509.5 61.2 91.8#

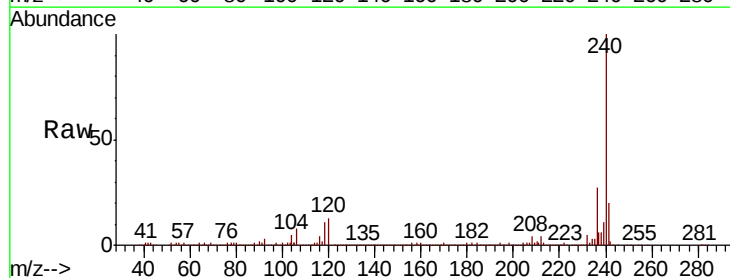


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

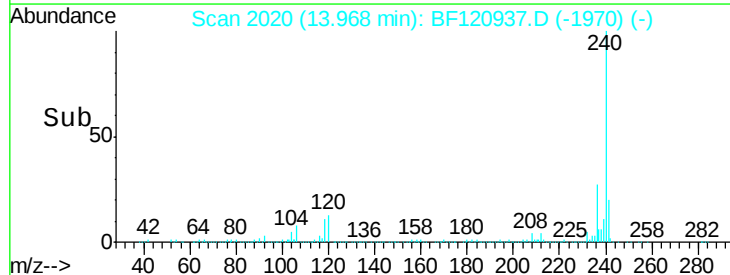
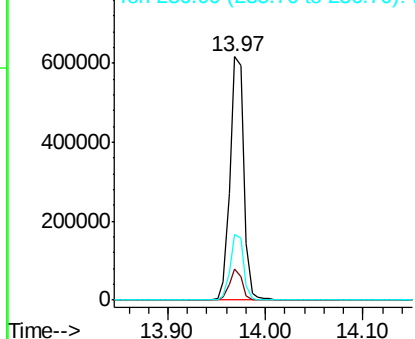


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120937.D
 Acq: 20 Jul 2020 17:11

Tgt Ion:240 Resp: 608221
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.0 13.4
 236 27.2 21.7 32.5



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

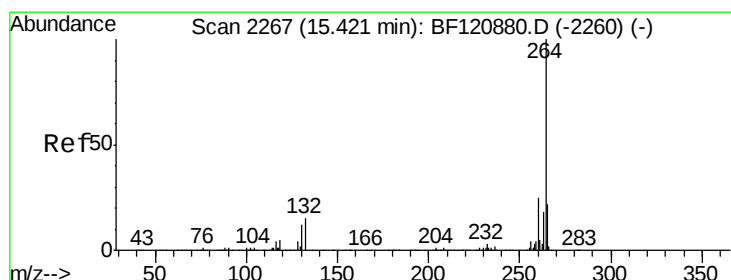
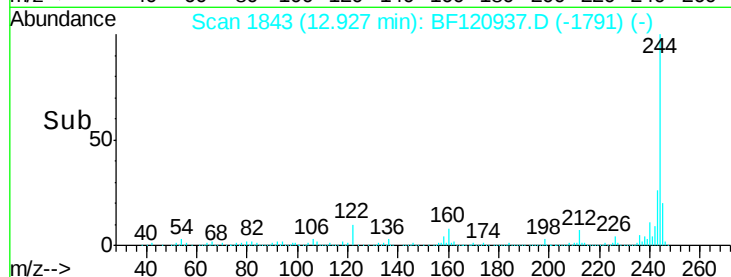
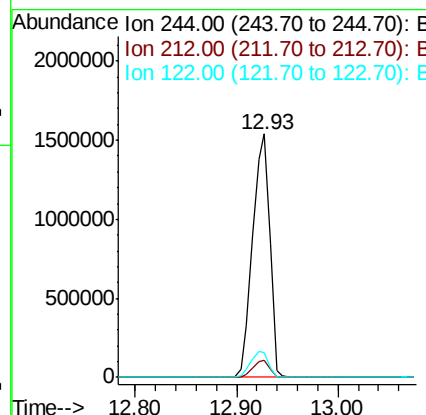
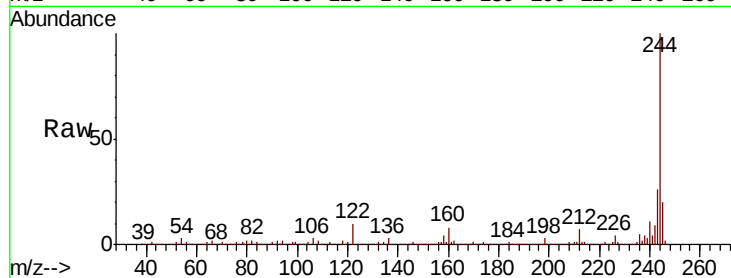




#79
 Terphenyl-d14
 Concen: 64.583 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF120937.D
 Acq: 20 Jul 2020 17:11

Instrument :
 BNA_F
 ClientSampleId :
 ERM-7

Tot Ion:244 Resp: 1807036
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.4 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.00 min
 Lab File: BF120937.D
 Acq: 20 Jul 2020 17:11

Tgt Ion:264 Resp: 490005
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.0 30.0
 265 22.1 17.4 26.2

