

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
 Data File : BF121620.D
 Acq On : 18 Sep 2020 18:50
 Operator : JU/CG
 Sample : L4052-06 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-76728

Quant Time: Sep 19 00:37:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

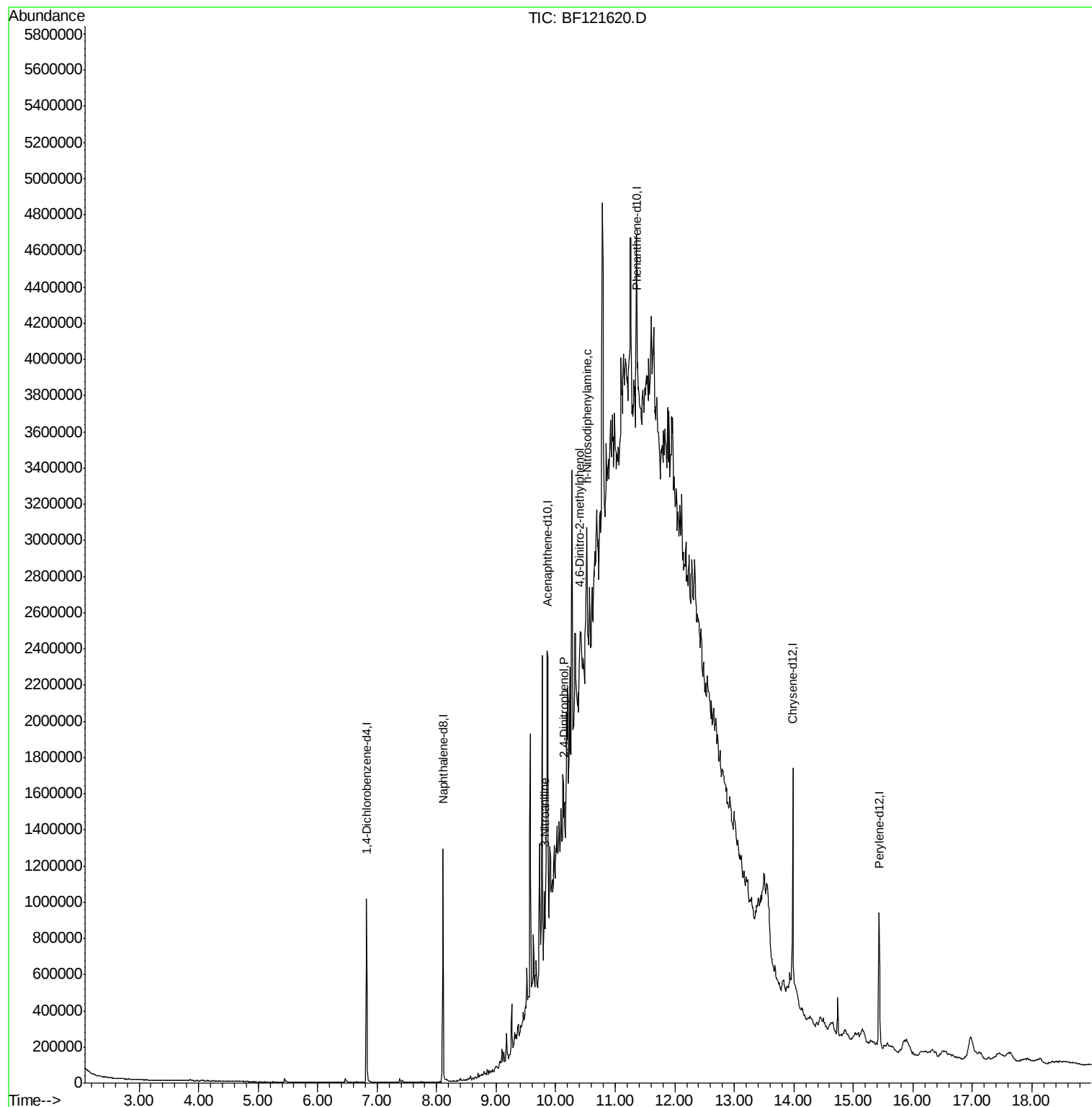
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	143425	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	569646	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	271767	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	425230	20.00	ng	0.00
76) Chrysene-d12	13.98	240	374429	20.00	ng	-0.01
86) Perylene-d12	15.43	264	369454	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	8861	0.92	ng	0.00
7) Phenol-d6	6.46	99	12903	1.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	8659	0.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	2815	0.83	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	19997	1.11	ng	-0.02
79) Terphenyl-d14	12.93	244	19631	1.06	ng	-0.01
Target Compounds						
53) 3-Nitroaniline	9.81	138	11212	2.307	ng	# 8
54) 2,4-Dinitrophenol	10.15	184	5640	11.115	ng	# 89
65) 4,6-Dinitro-2-methylphenol	10.40	198	2017	7.515	ng	# 1
66) n-Nitrosodiphenylamine	10.52	169	53641	3.677	ng	# 51

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

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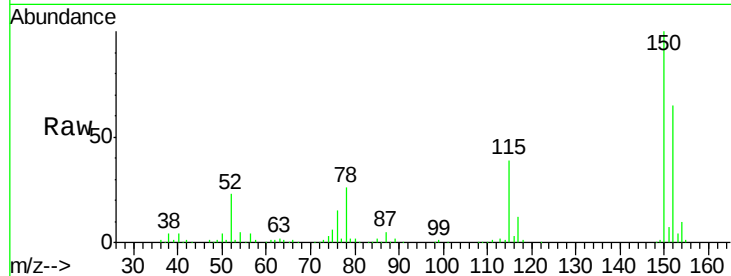


#1

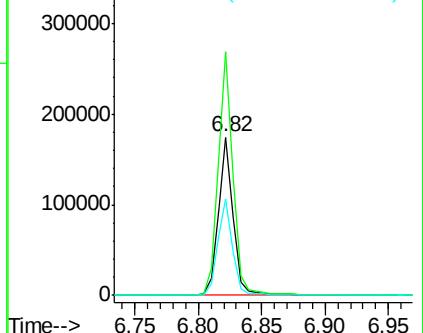
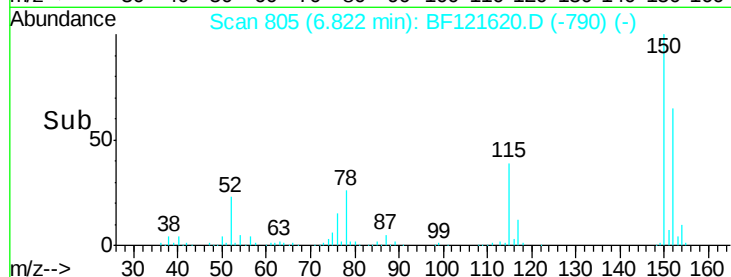
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121620.D
Acq: 18 Sep 2020 18:50

Instrument :
BNA_F
ClientSampleId :
CO-76728

Tot Ion:152 Resp: 143425
Ion Ratio Lower Upper
152 100
150 153.9 125.8 188.6
115 60.6 47.8 71.8



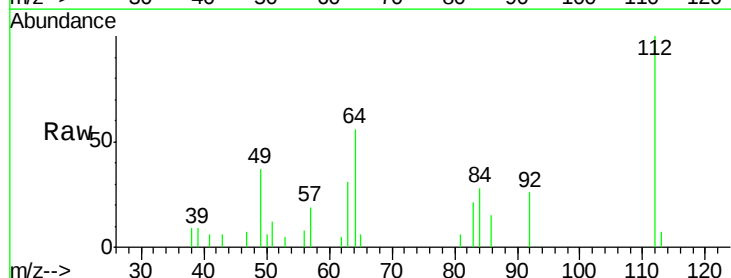
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



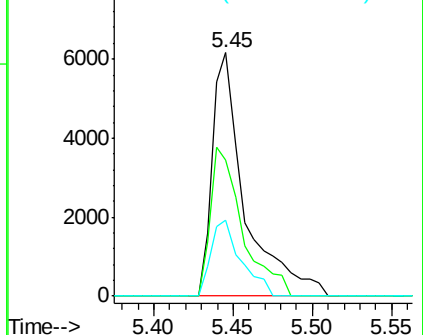
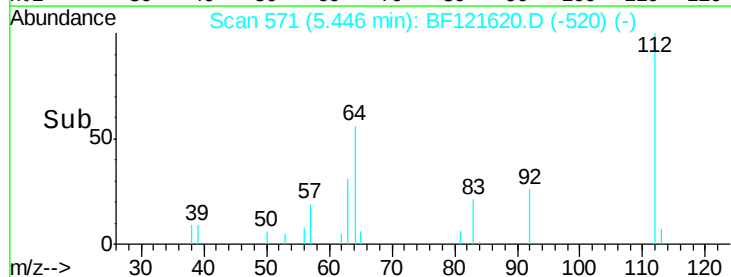
#5

2-Fluorophenol
Concen: 0.918 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF121620.D
Acq: 18 Sep 2020 18:50

Tgt Ion:112 Resp: 8861
Ion Ratio Lower Upper
112 100
64 55.8 50.3 75.5
63 31.1 25.6 38.4



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: 1.019 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121620.D

Acq: 18 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

CO-76728

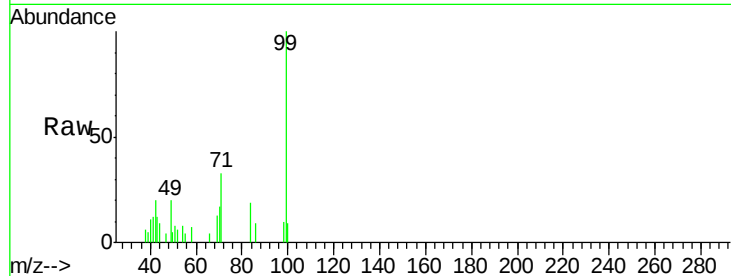
Tot Ion: 99 Resp: 12903

Ion Ratio Lower Upper

99 100

42 20.4 15.5 23.3

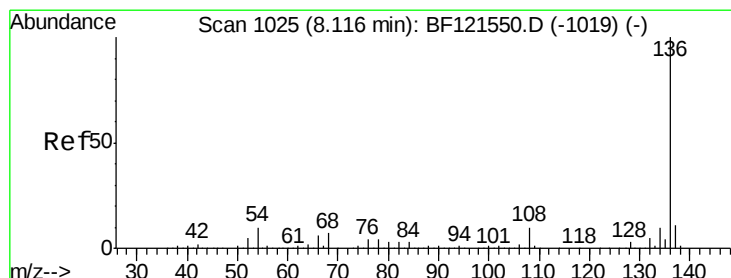
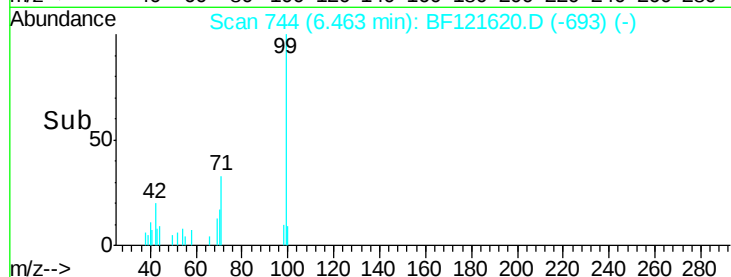
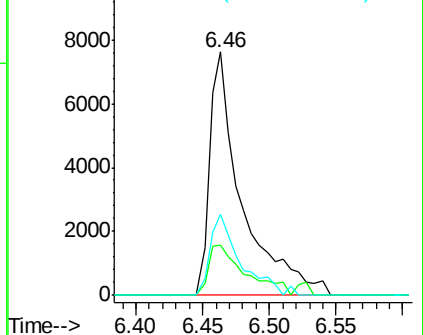
71 33.2 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF121620.D

Acq: 18 Sep 2020 18:50

Tgt Ion: 136 Resp: 569646

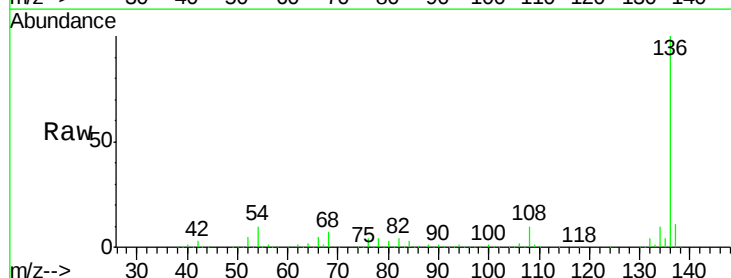
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 9.5 7.6 11.4

68 6.6 5.7 8.5

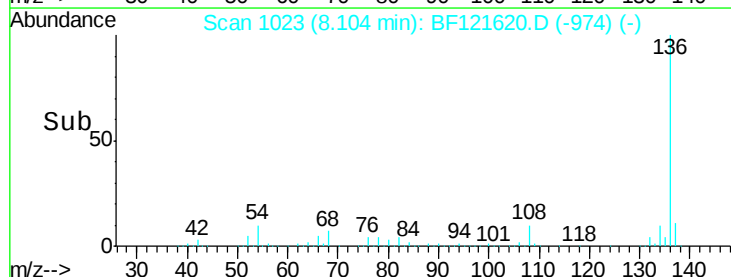
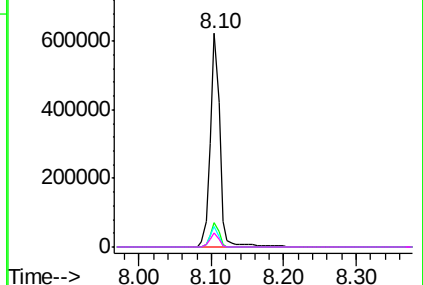


Abundance Ion 136.00 (135.70 to 136.70): E

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

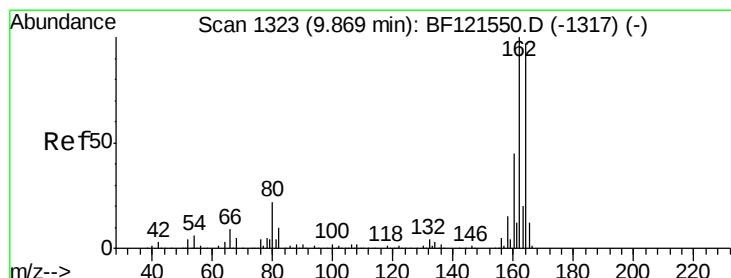
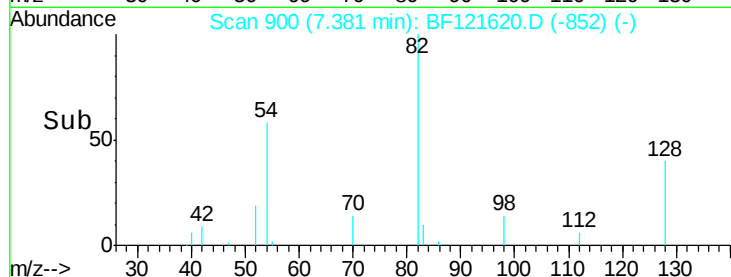
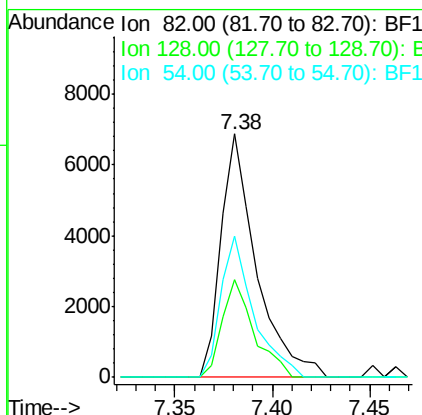
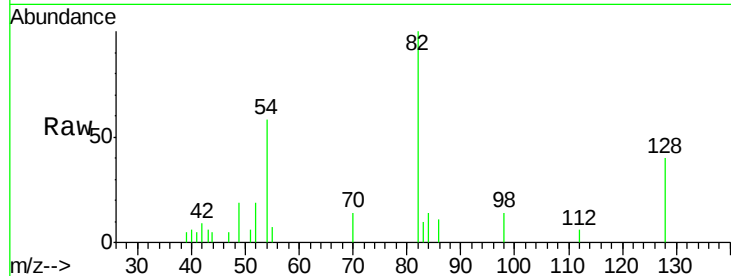




#23
 Nitrobenzene-d5
 Concen: 0.816 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF121620.D
 Acq: 18 Sep 2020 18:50

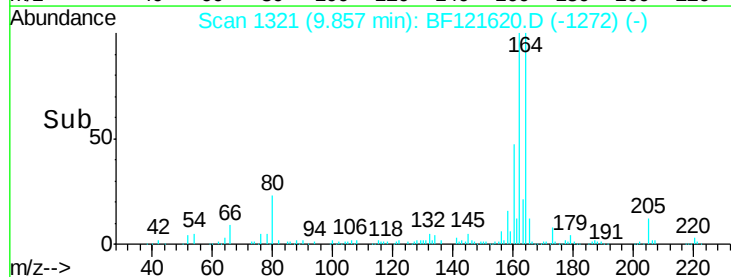
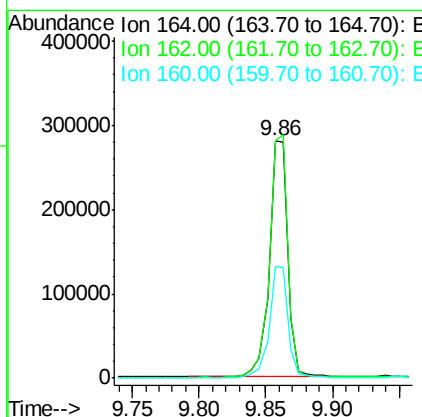
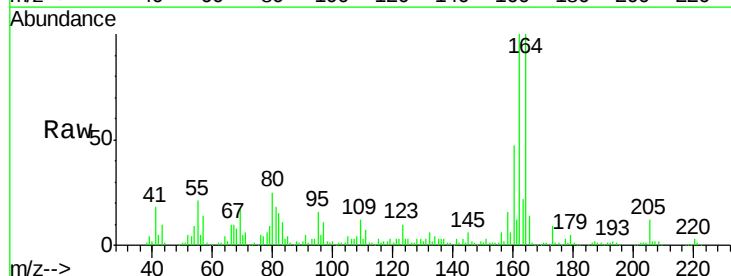
Instrument :
 BNA_F
 ClientSampleId :
 CO-76728

Tot Ion: 82 Resp: 8659
 Ion Ratio Lower Upper
 82 100
 128 40.3 35.1 52.7
 54 57.8 43.0 64.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF121620.D
 Acq: 18 Sep 2020 18:50

Tgt Ion: 164 Resp: 271767
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.3 123.5
 160 46.8 37.0 55.4

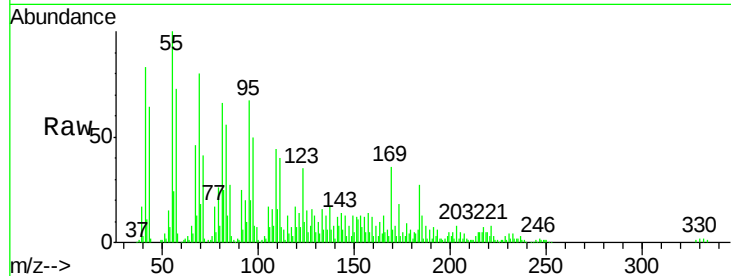




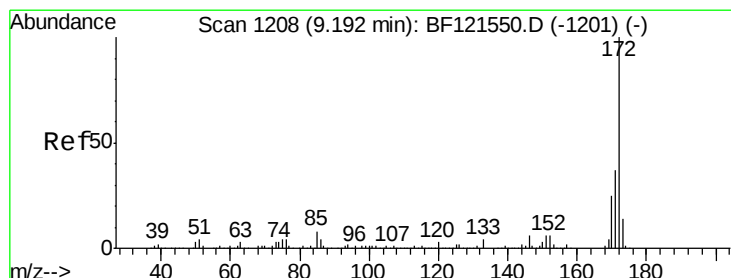
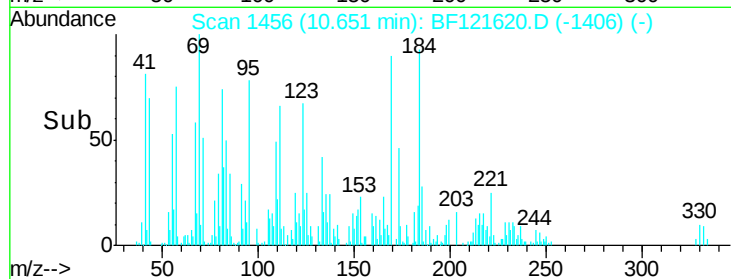
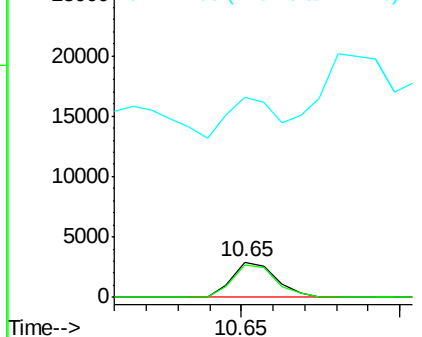
#42
 2,4,6-Tribromophenol
 Concen: 0.833 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF121620.D
 Acq: 18 Sep 2020 18:50

Instrument :
 BNA_F
 ClientSampleId :
 CO-76728

Tot Ion:330 Resp: 2815
 Ion Ratio Lower Upper
 330 100
 332 91.2 77.1 115.7
 141 117.6 23.6 35.4#

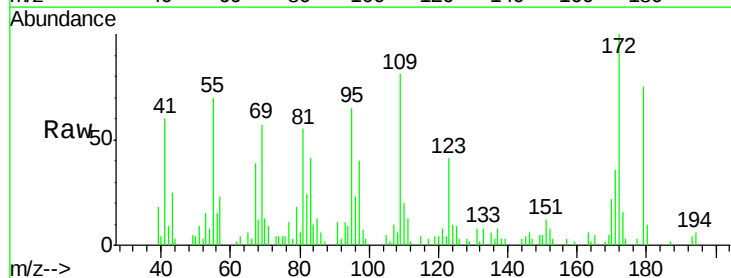


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

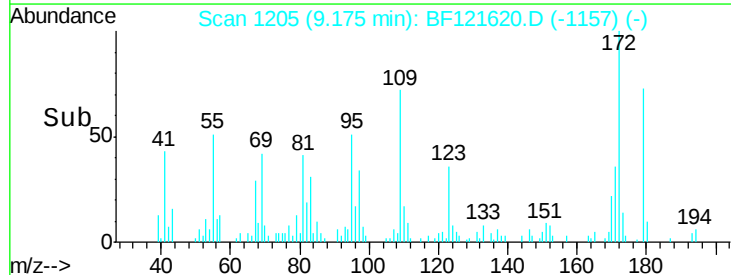
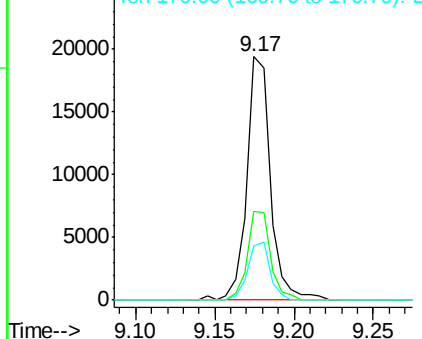


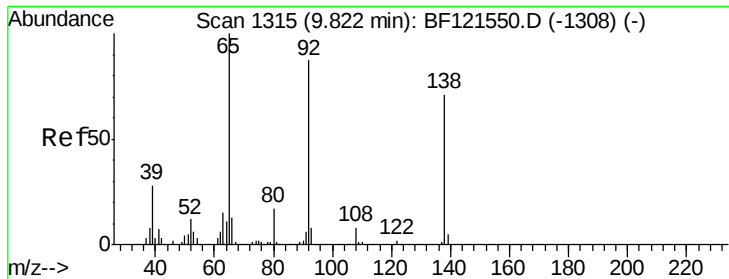
#45
 2-Fluorobiphenyl
 Concen: 1.114 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF121620.D
 Acq: 18 Sep 2020 18:50

Tgt Ion:172 Resp: 19997
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.8 44.6
 170 22.5 19.8 29.8



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

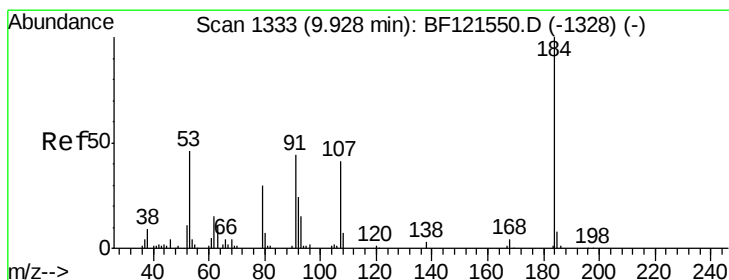
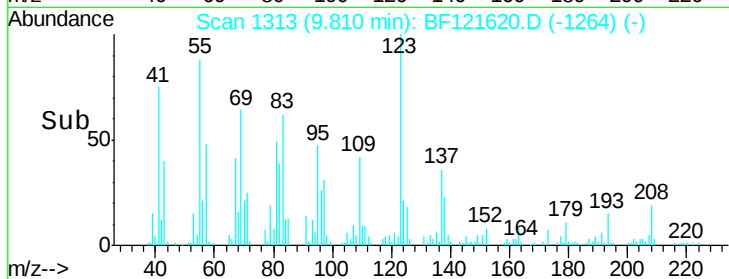
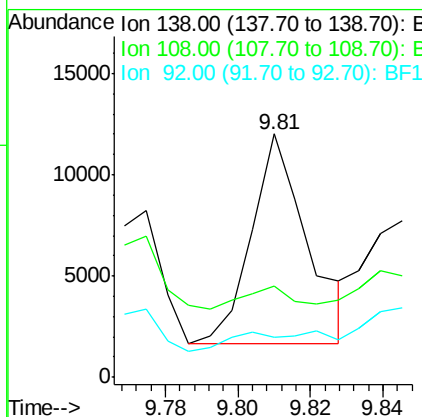
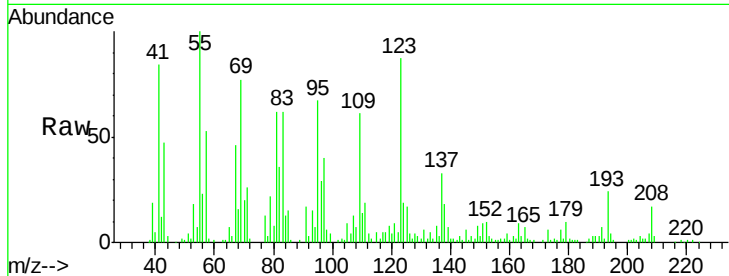




#53
 3-Nitroaniline
 Concen: 2.307 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF121620.D
 Acq: 18 Sep 2020 18:50

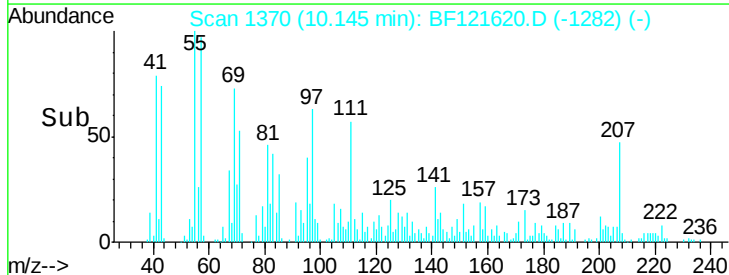
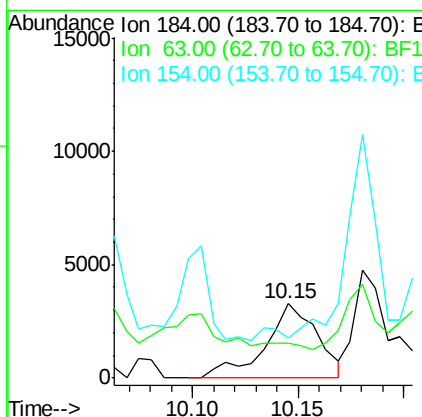
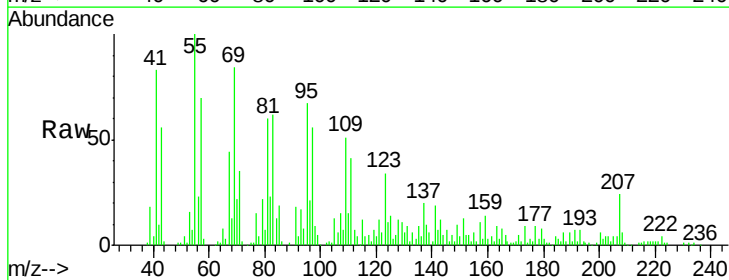
Instrument :
 BNA_F
 ClientSampleId :
 CO-76728

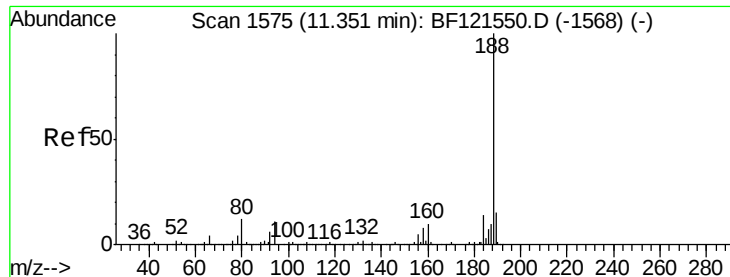
Tot Ion:138 Resp: 11212
 Ion Ratio Lower Upper
 138 100
 108 37.4 9.0 13.6#
 92 16.6 97.4 146.0#



#54
 2,4-Dinitrophenol
 Concen: 11.115 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.22 min
 Lab File: BF121620.D
 Acq: 18 Sep 2020 18:50

Tgt Ion:184 Resp: 5640
 Ion Ratio Lower Upper
 184 100
 63 47.8 47.7 71.5
 154 53.9 47.2 70.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BF121620.D

Acq: 18 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

CO-76728

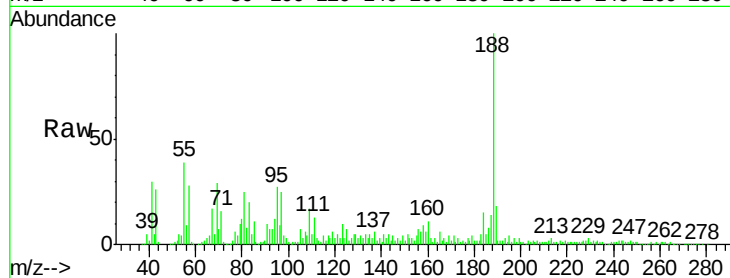
Tot Ion:188 Resp: 425230

Ion Ratio Lower Upper

188 100

94 11.9 8.7 13.1

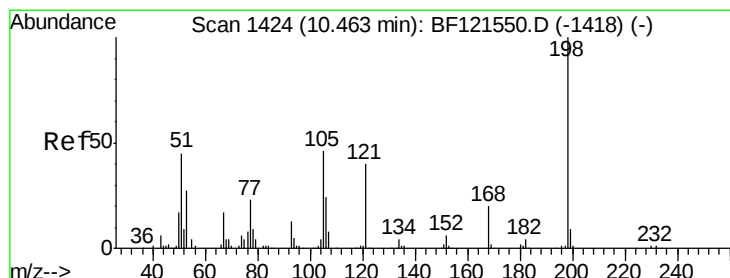
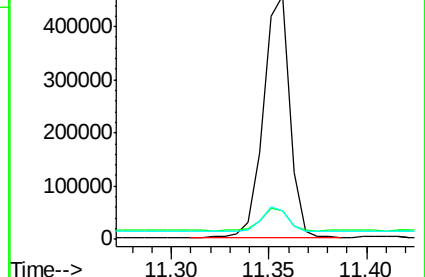
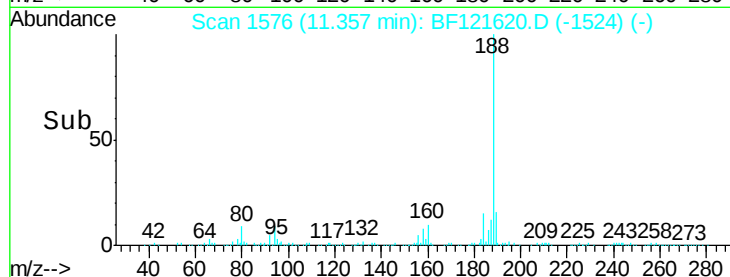
80 11.7 9.3 13.9



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: 7.515 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.06 min

Lab File: BF121620.D

Acq: 18 Sep 2020 18:50

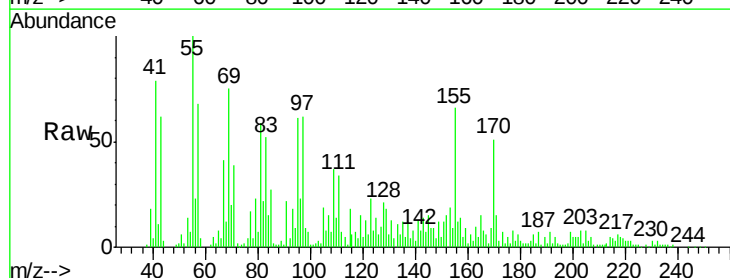
Tgt Ion:198 Resp: 2017

Ion Ratio Lower Upper

198 100

51 276.7 31.1 71.1#

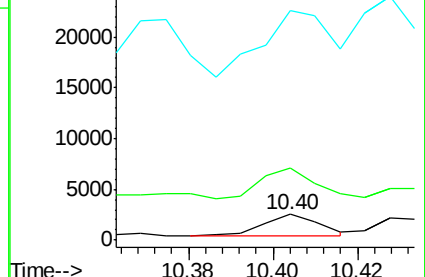
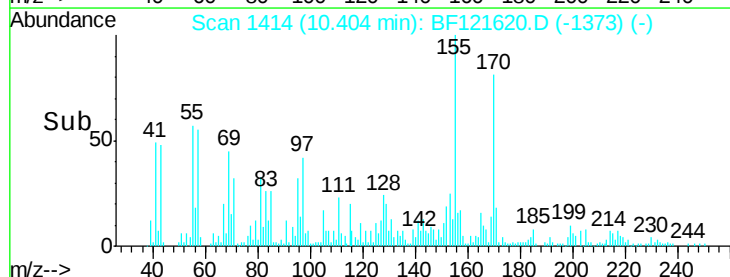
105 888.4 26.6 66.6#

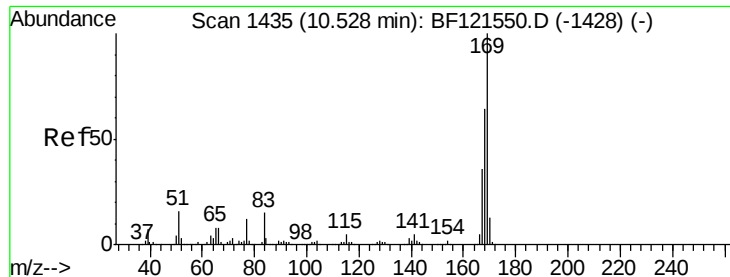


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

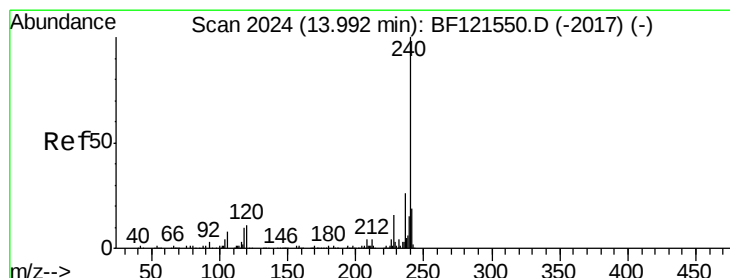
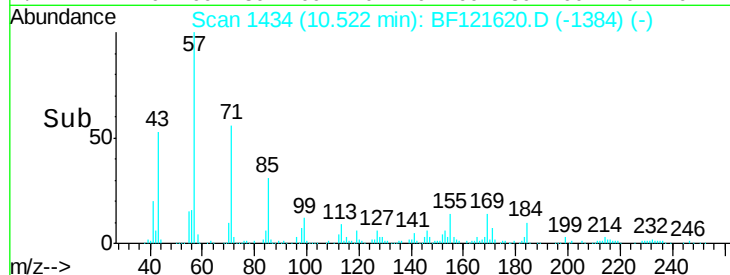
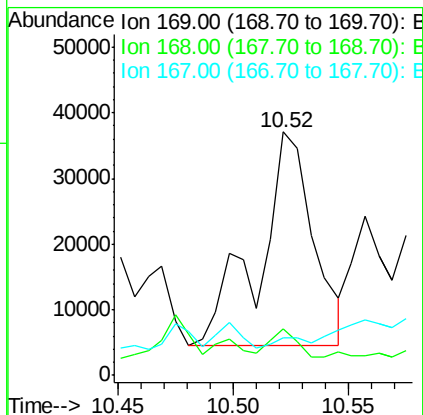
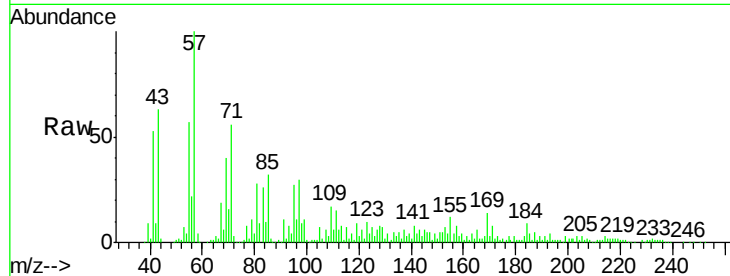




#66
 n-Nitrosodiphenylamine
 Concen: 3.677 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF121620.D
 Acq: 18 Sep 2020 18:50

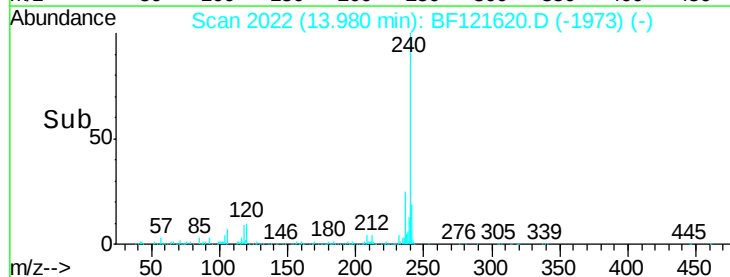
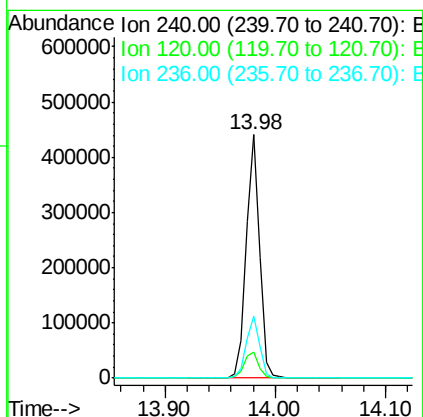
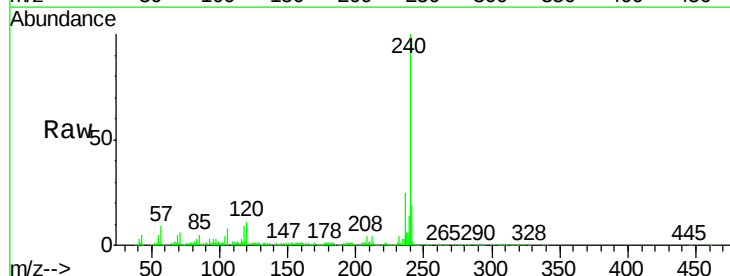
Instrument :
 BNA_F
 ClientSampleId :
 CO-76728

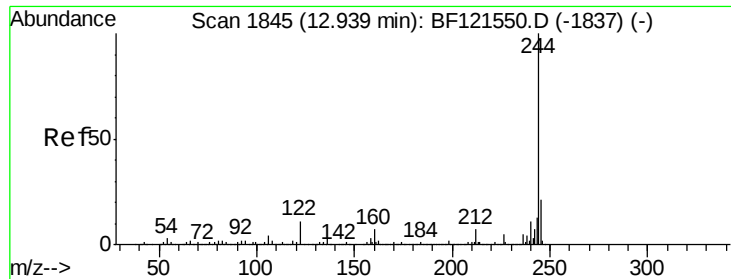
Tot Ion:169 Resp: 53641
 Ion Ratio Lower Upper
 169 100
 168 19.0 51.2 76.8#
 167 15.4 28.9 43.3#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF121620.D
 Acq: 18 Sep 2020 18:50

Tgt Ion:240 Resp: 374429
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.2 13.8
 236 25.5 20.5 30.7





#79

Terphenyl-d14

Concen: 1.062 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF121620.D

Acq: 18 Sep 2020 18:50

Instrument :

BNA_F

ClientSampleId :

CO-76728

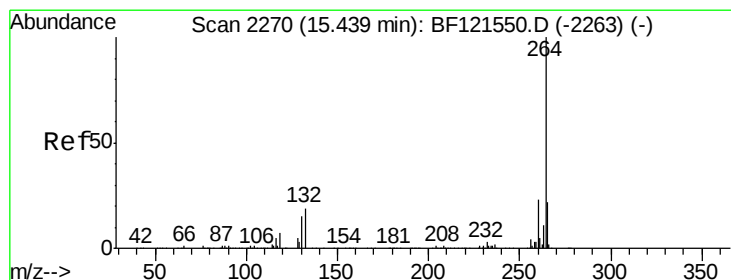
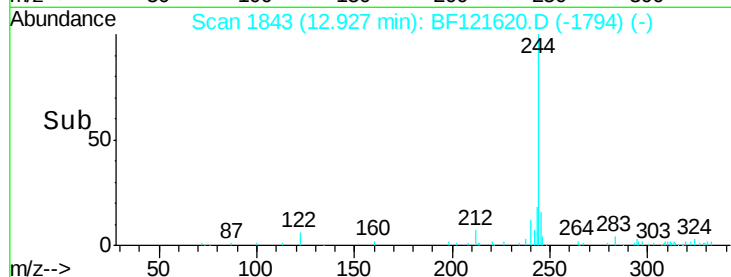
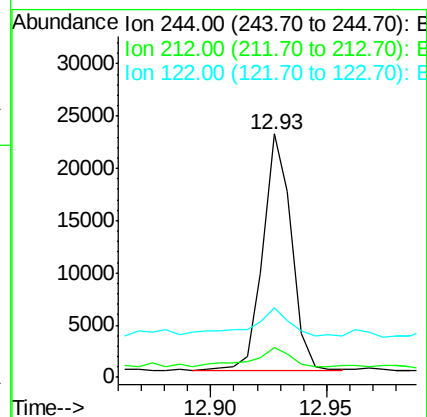
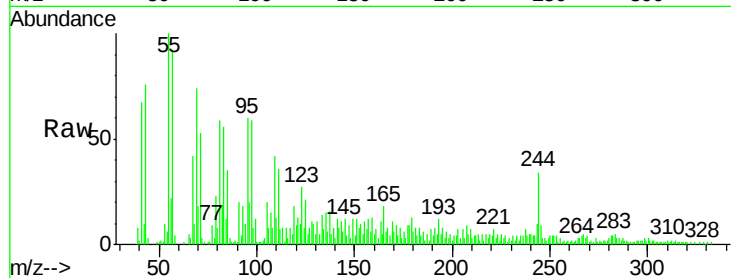
Tot Ion:244 Resp: 19631

Ion Ratio Lower Upper

244 100

212 12.4 5.7 8.5#

122 28.4 8.7 13.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF121620.D

Acq: 18 Sep 2020 18:50

Tgt Ion:264 Resp: 369454

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.1 17.8 26.6

