

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
 Data File : BF121130.D
 Acq On : 30 Jul 2020 16:09
 Operator : JU/CG
 Sample : L3483-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20C023

Quant Time: Jul 30 17:26:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

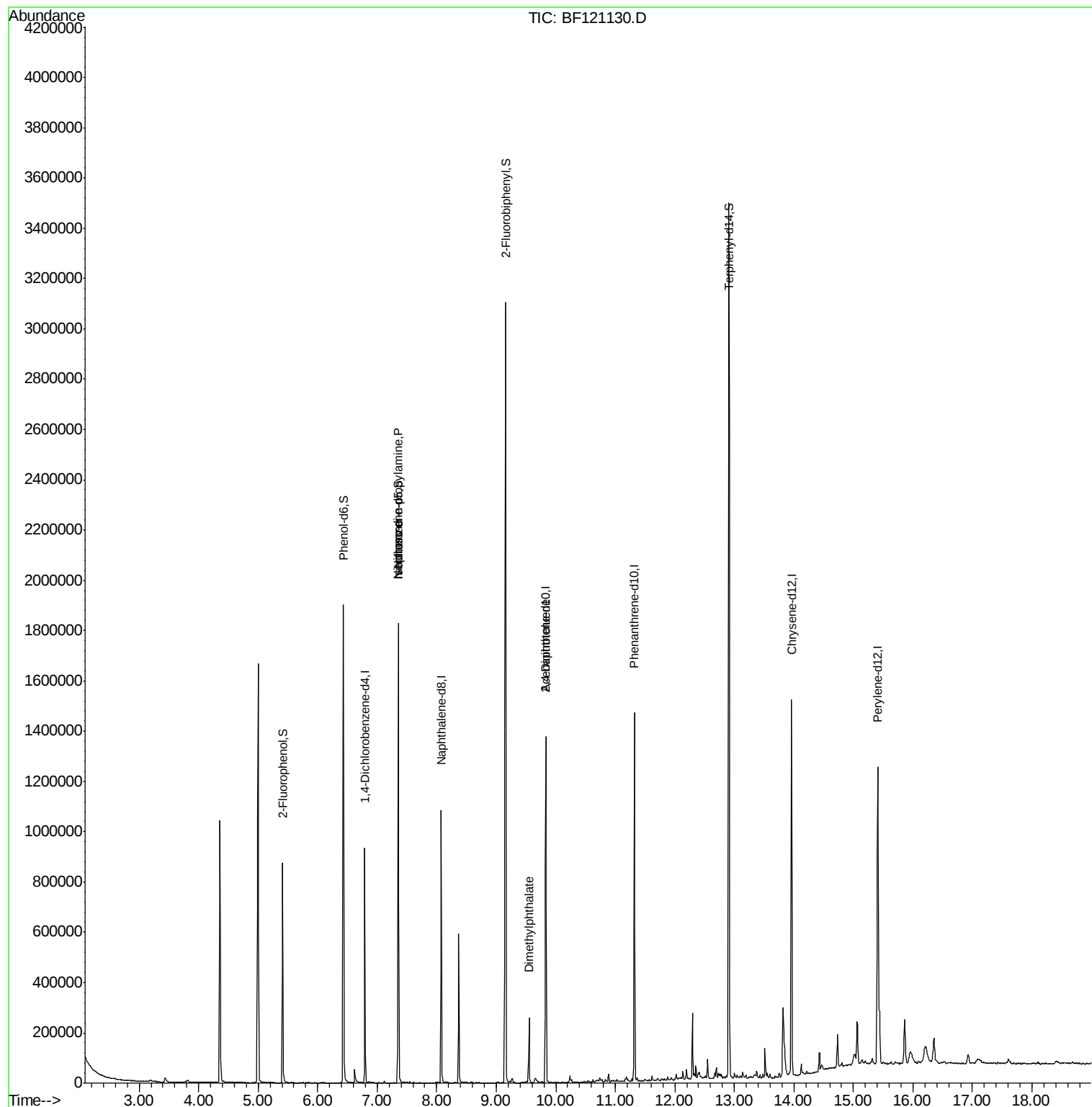
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132942	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	517291	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	275841	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	553126	20.00	ng	0.00
76) Chrysene-d12	13.96	240	517901	20.00	ng	0.00
86) Perylene-d12	15.41	264	537874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	241951	29.84	ng	0.00
7) Phenol-d6	6.43	99	737369	70.39	ng	-0.01
23) Nitrobenzene-d5	7.36	82	576520	64.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	2313	0.77	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1091871	59.10	ng	0.00
79) Terphenyl-d14	12.91	244	1228234	51.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1083	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	74926	12.579 ng	#	77
25) Isophorone	7.36	82	571678	32.041 ng	#	62
50) Dimethylphthalate	9.55	163	125682	6.316 ng		98
57) 2,4-Dinitrotoluene	9.83	165	35317	6.290 ng	#	29

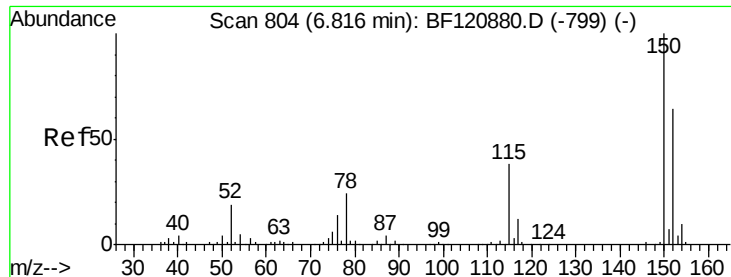
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

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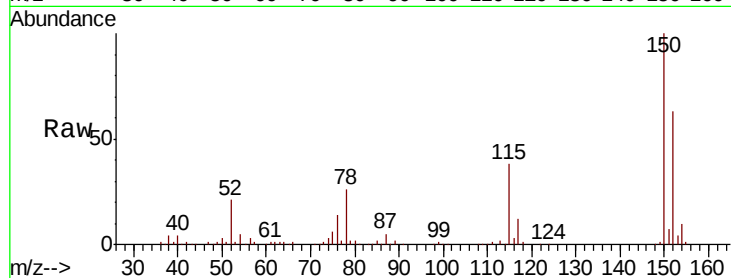
Tot Ion:152 Resp: 132942

Ion Ratio Lower Upper

152 100

150 158.3 125.6 188.4

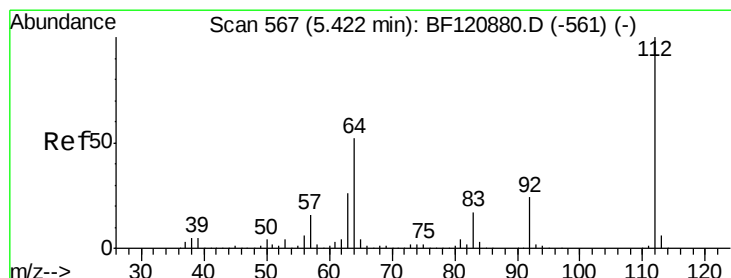
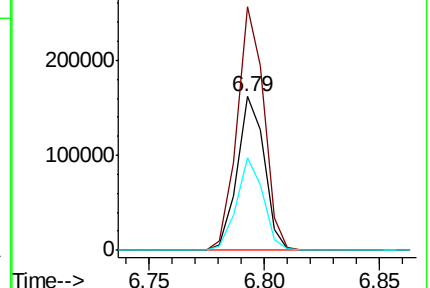
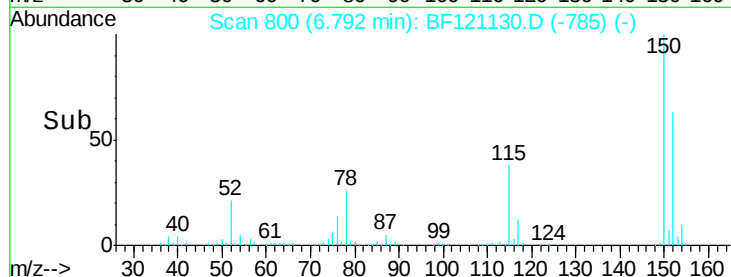
115 60.2 46.2 69.2



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: 29.836 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

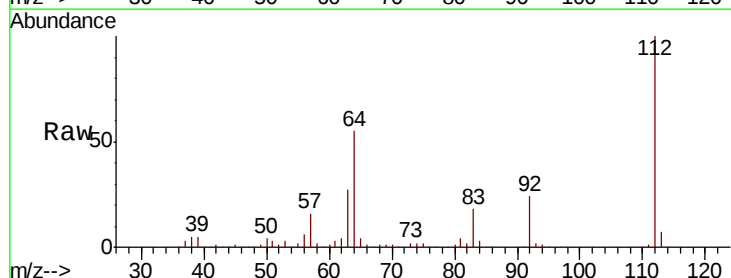
Tgt Ion:112 Resp: 241951

Ion Ratio Lower Upper

112 100

64 55.3 43.9 65.9

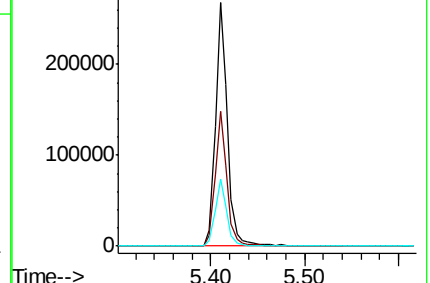
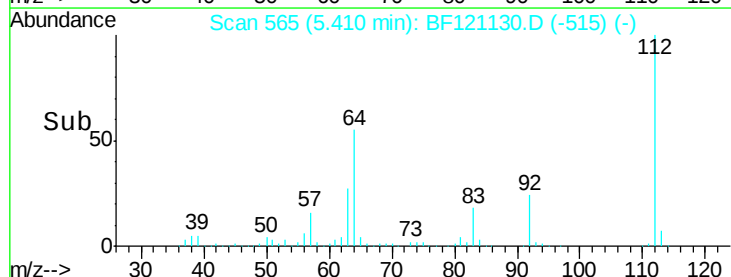
63 27.4 22.7 34.1

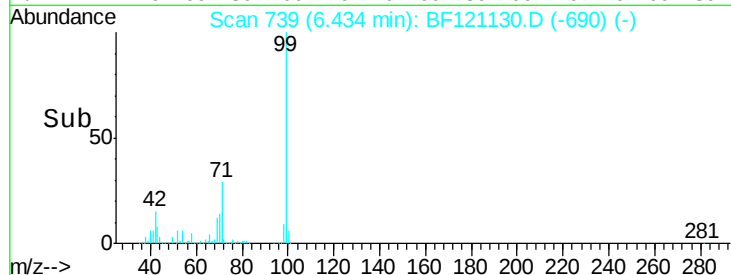
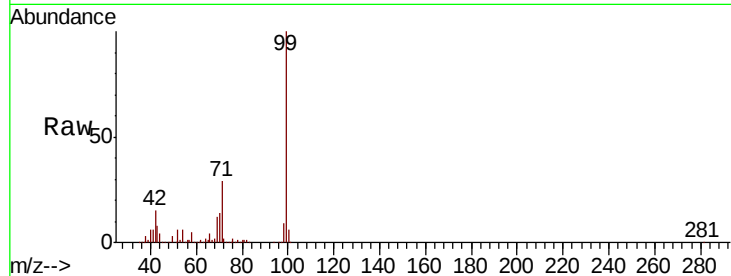
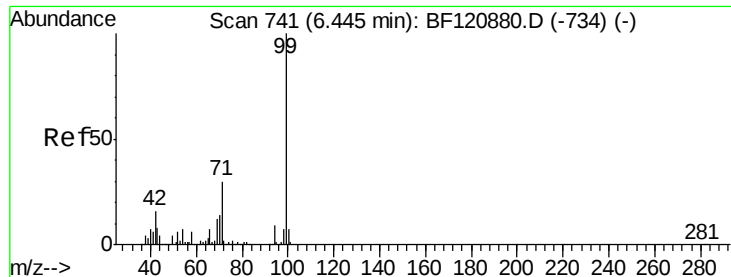


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 70.391 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

Instrument :

BNA_F

ClientSampleId :

20C023

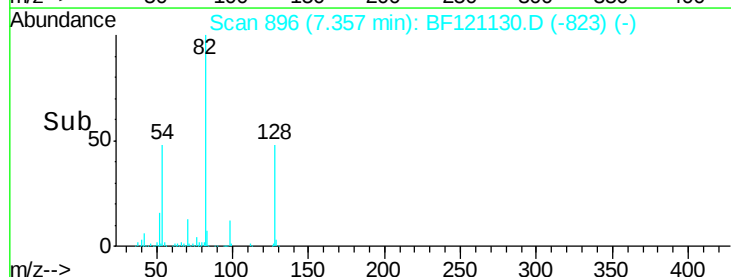
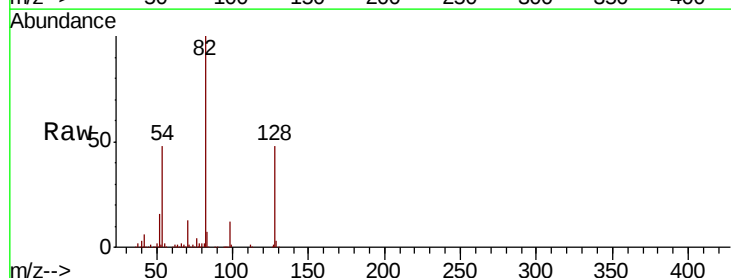
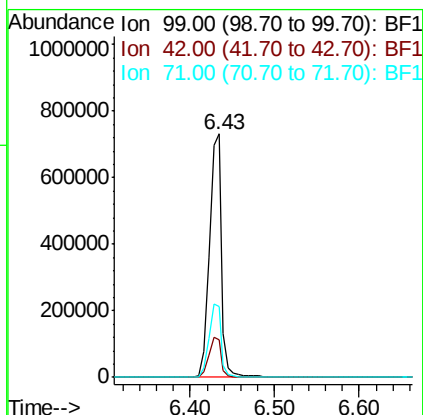
Tot Ion: 99 Resp: 737369

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

71 29.3 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.579 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

Tgt Ion: 70 Resp: 74926

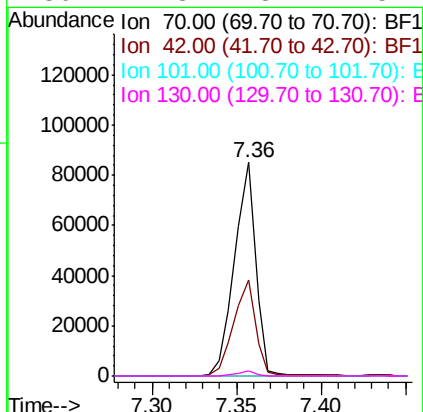
Ion Ratio Lower Upper

70 100

42 45.1 43.3 64.9

101 0.0 8.4 12.6#

130 2.3 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

Instrument :

BNA_F

ClientSampleId :

20C023

Tot Ion:136 Resp: 517291

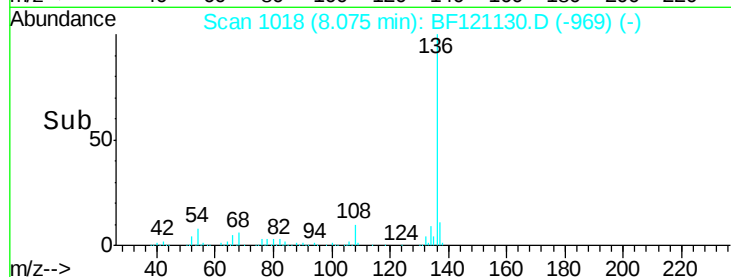
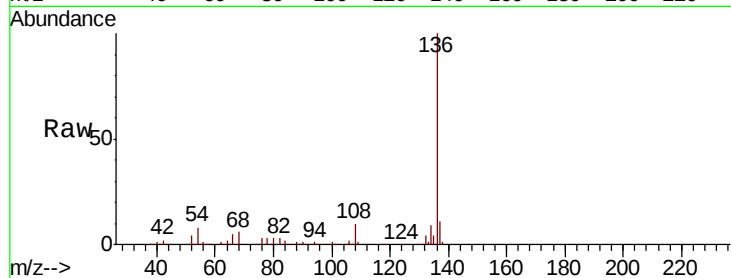
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 7.6 6.1 9.1

68 6.4 5.0 7.6



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

8.07

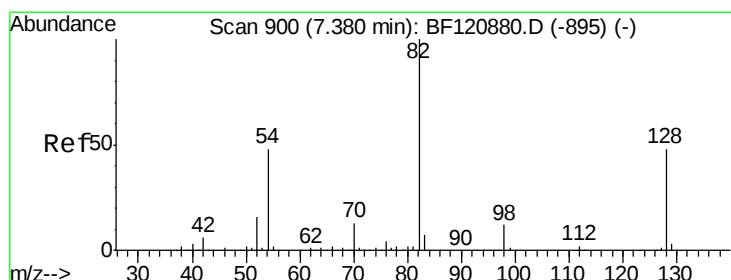
600000

400000

200000

0

Time--> 8.00 8.10 8.20



#23

Nitrobenzene-d5

Concen: 64.488 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

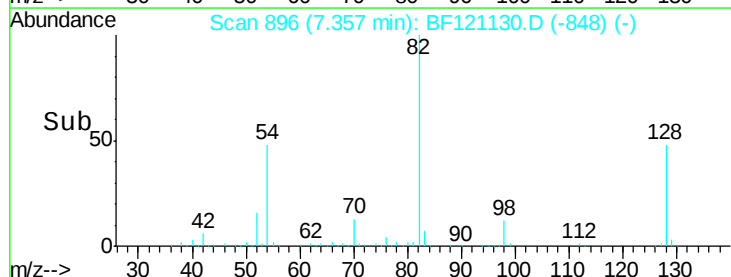
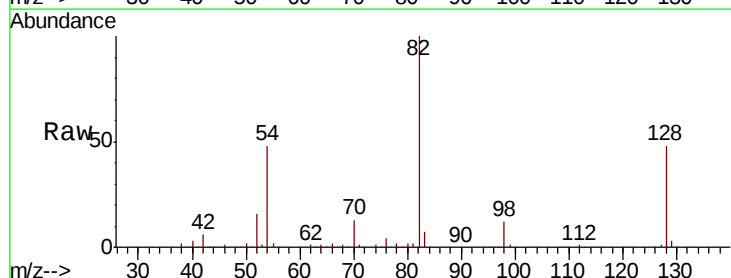
Tgt Ion: 82 Resp: 576520

Ion Ratio Lower Upper

82 100

128 47.6 39.2 58.8

54 47.8 37.8 56.8



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

7.36

800000

600000

400000

200000

0

Time--> 7.30 7.40 7.50



#25

Isophorone

Concen: 32.041 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

Instrument :

BNA_F

ClientSampleId :

20C023

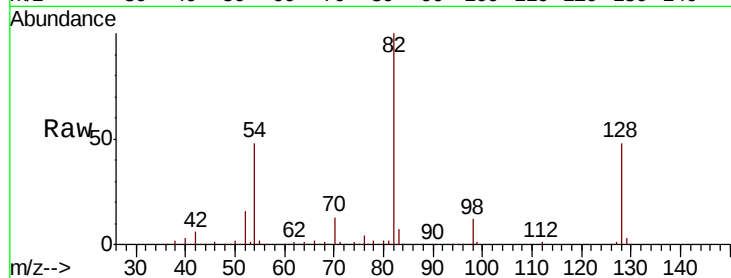
Tot Ion: 82 Resp: 571678

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

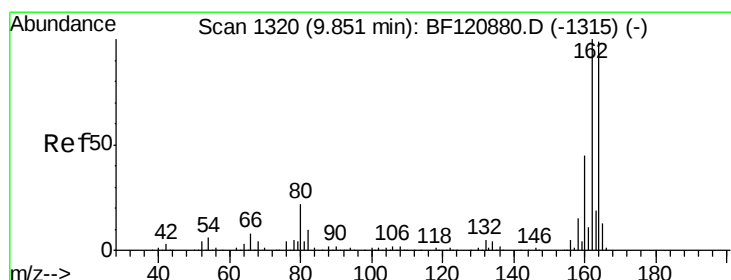
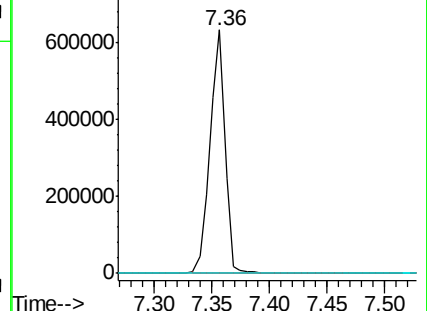
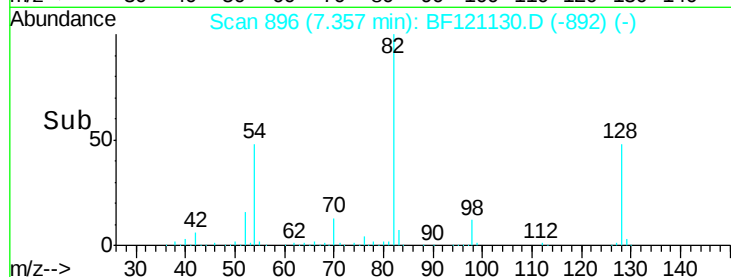
138 0.0 16.2 24.2#



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

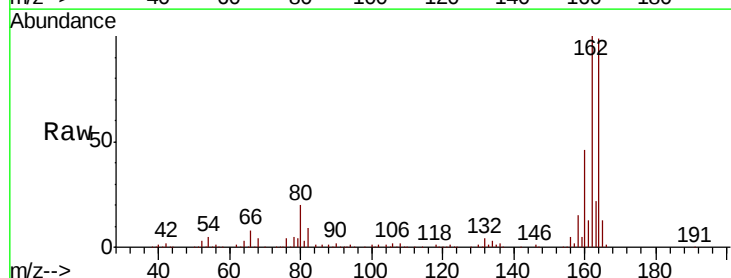
Tgt Ion: 164 Resp: 275841

Ion Ratio Lower Upper

164 100

162 101.2 82.2 123.2

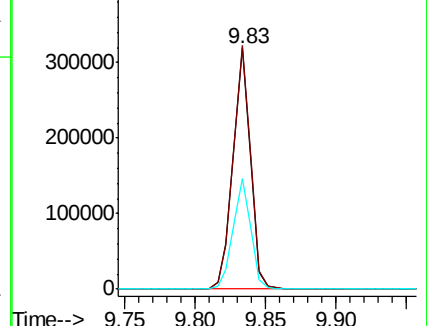
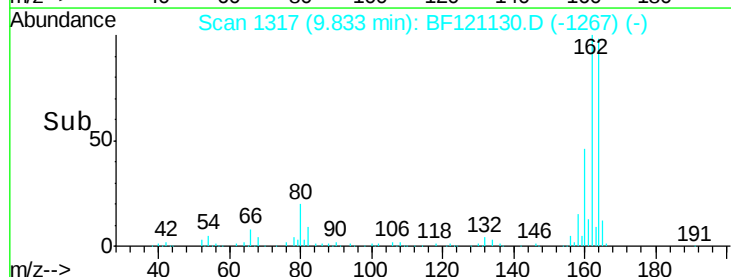
160 46.1 37.2 55.8



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: 0.766 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

Instrument :

BNA_F

ClientSampleId :

20C023

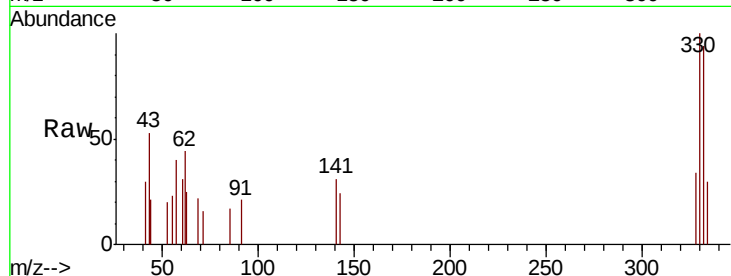
Tot Ion:330 Resp: 2313

Ion Ratio Lower Upper

330 100

332 92.1 76.1 114.1

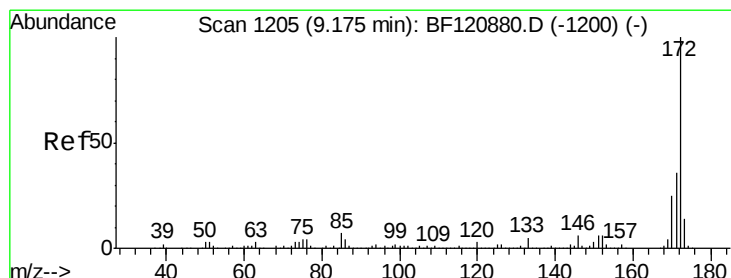
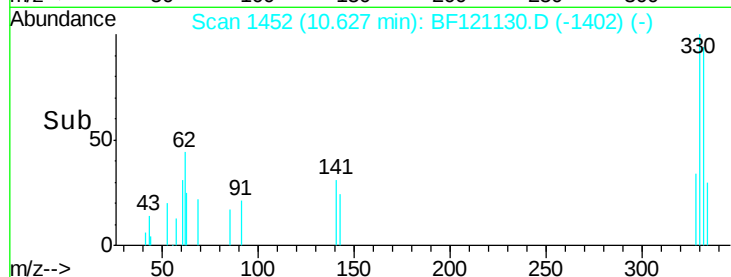
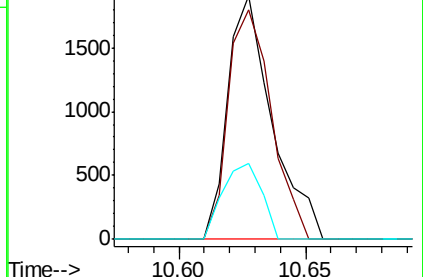
141 27.5 24.1 36.1



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: 59.100 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

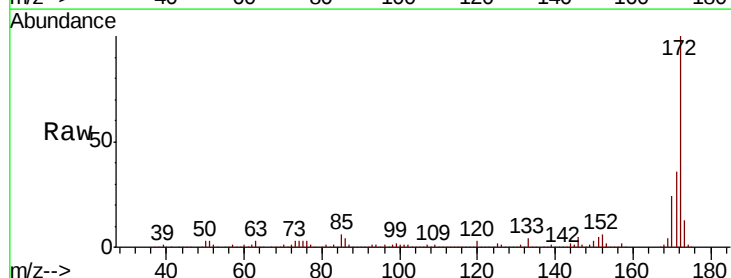
Tgt Ion:172 Resp: 1091871

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

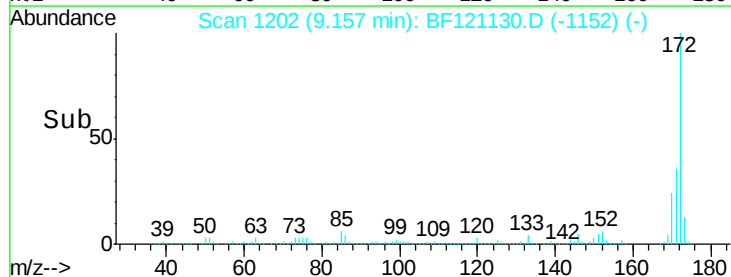
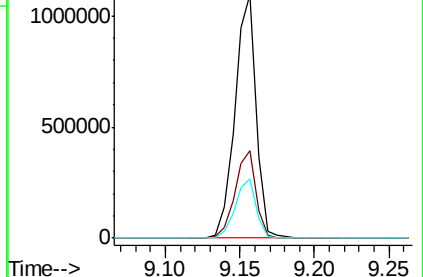
170 24.3 19.6 29.4

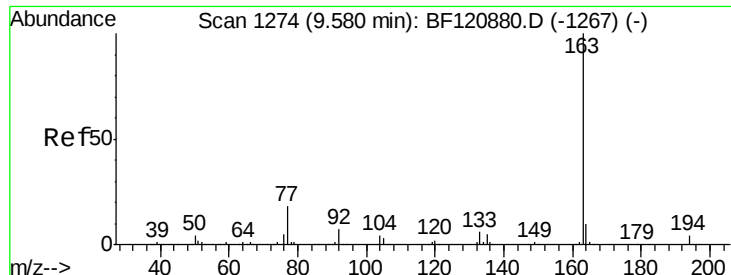


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.316 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

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20C023

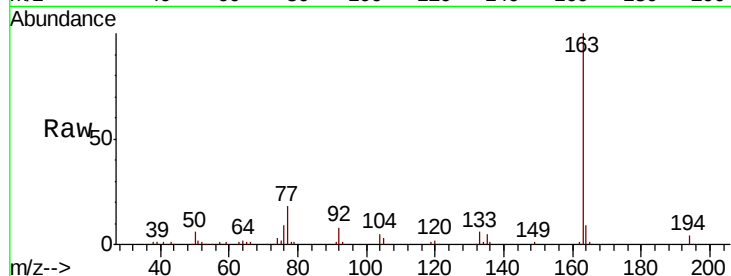
Tot Ion:163 Resp: 125682

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

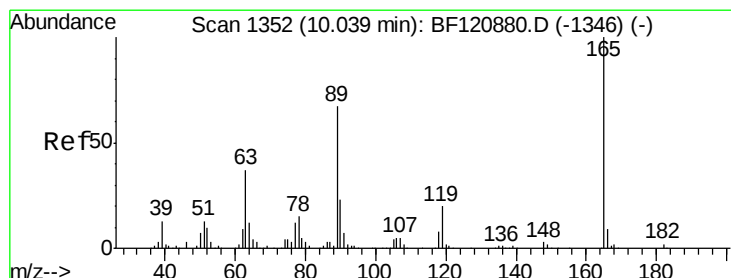
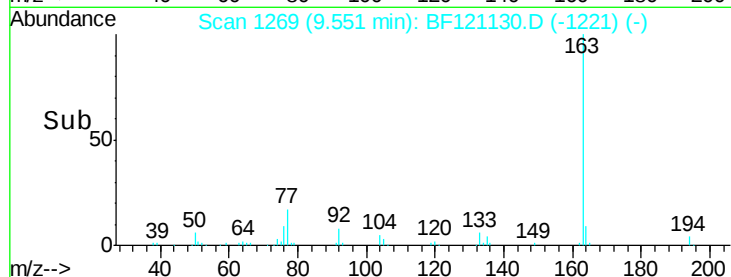
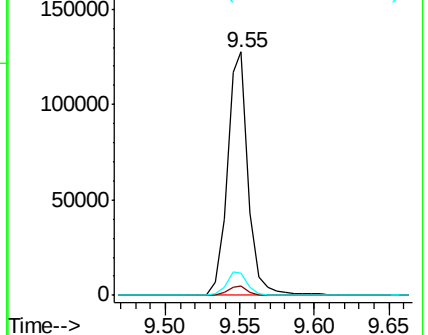
164 9.3 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 6.290 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.20 min

Lab File: BF121130.D

Acq: 30 Jul 2020 16:09

Tgt Ion:165 Resp: 35317

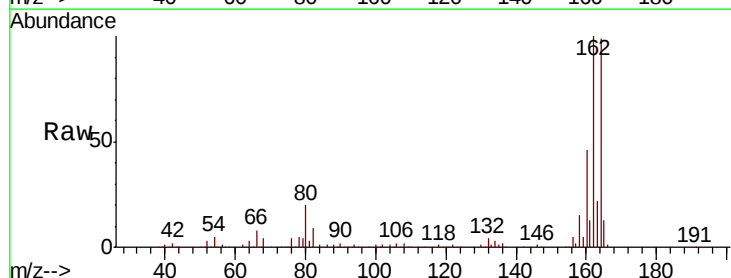
Ion Ratio Lower Upper

165 100

63 1.1 29.8 44.8#

89 1.5 50.3 75.5#

182 0.0 2.1 3.1#

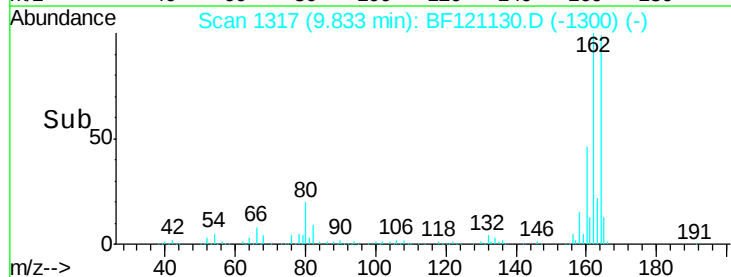
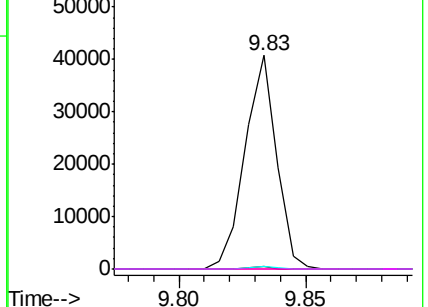


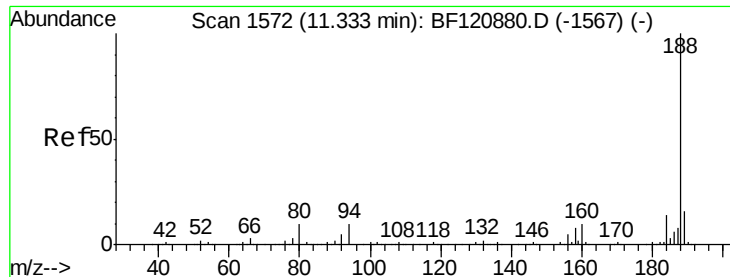
Abundance Ion 165.00 (164.70 to 165.70): E

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

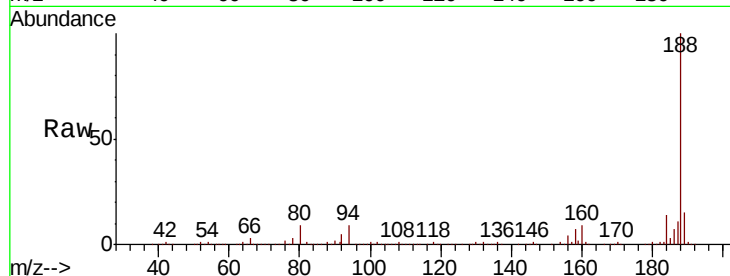




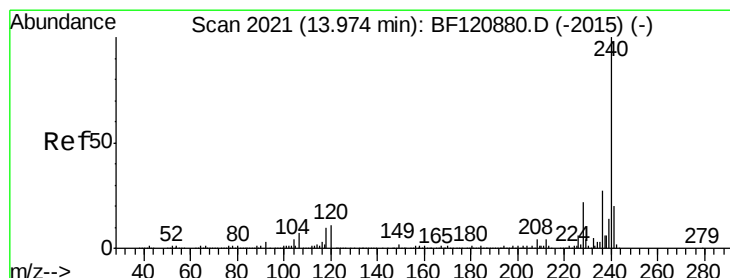
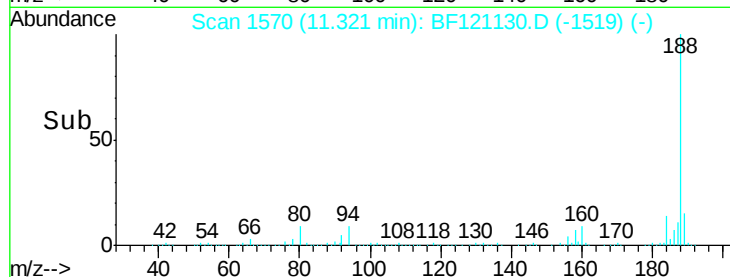
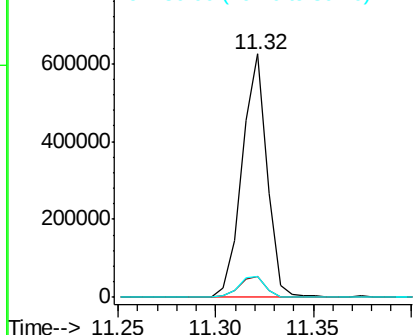
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121130.D
Acq: 30 Jul 2020 16:09

Instrument :
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Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.0	12.0
80	8.8	8.3	12.5

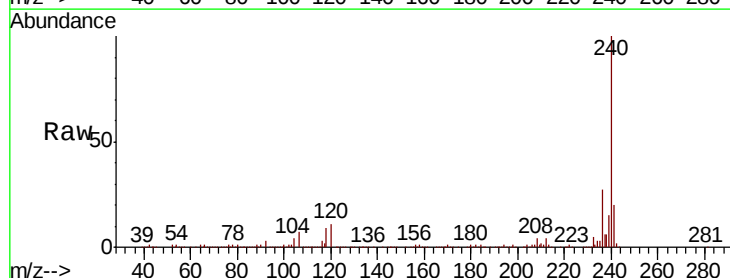


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

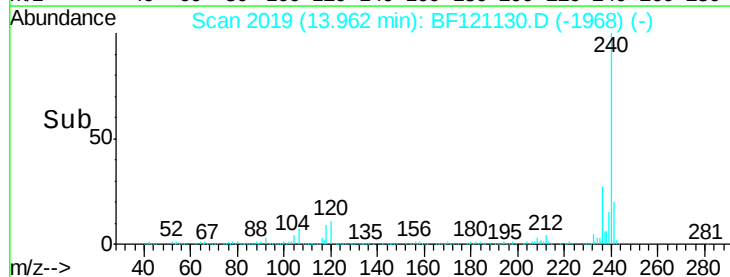
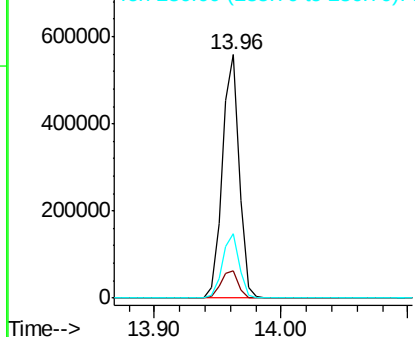


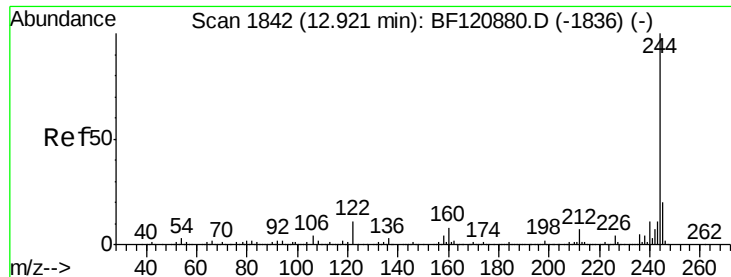
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121130.D
Acq: 30 Jul 2020 16:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.3	13.9
236	26.6	21.1	31.7



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

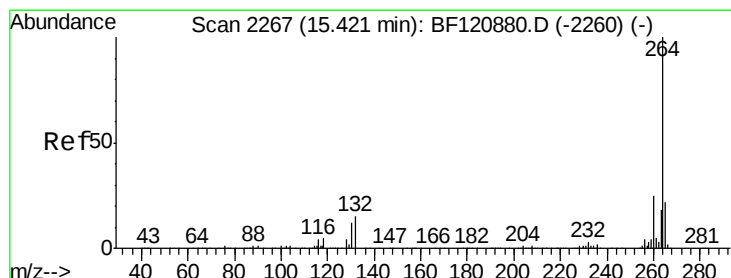
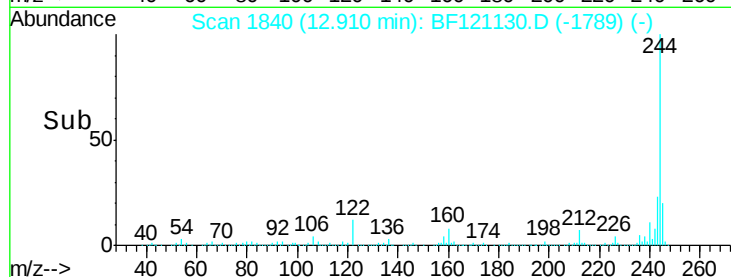
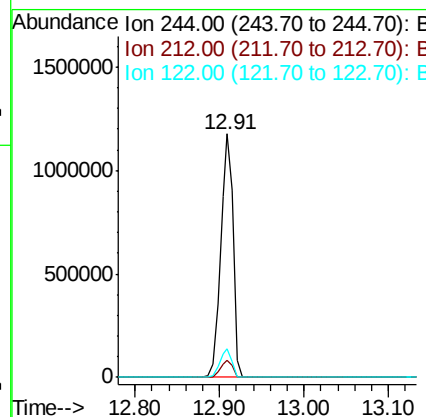
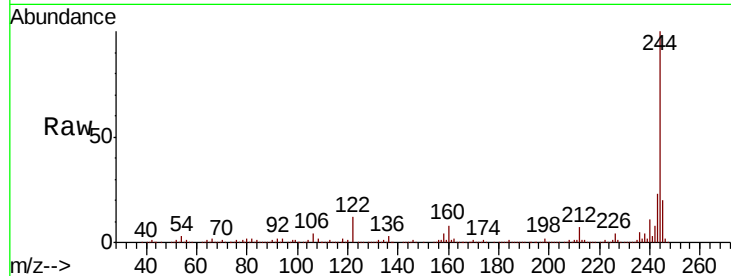




#79
 Terphenyl-d14
 Concen: 51.553 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121130.D
 Acq: 30 Jul 2020 16:09

Instrument :
 BNA_F
 ClientSampleId :
 20C023

Tot Ion:244 Resp: 1228234
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121130.D
 Acq: 30 Jul 2020 16:09

Tgt Ion:264 Resp: 537874
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.9 29.9
 265 21.9 17.8 26.8

