

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080720\
 Data File : BF121229.D
 Acq On : 7 Aug 2020 14:00
 Operator : JU/CG
 Sample : L3575-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-0D015-03-016RX

Quant Time: Aug 07 14:39:32 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

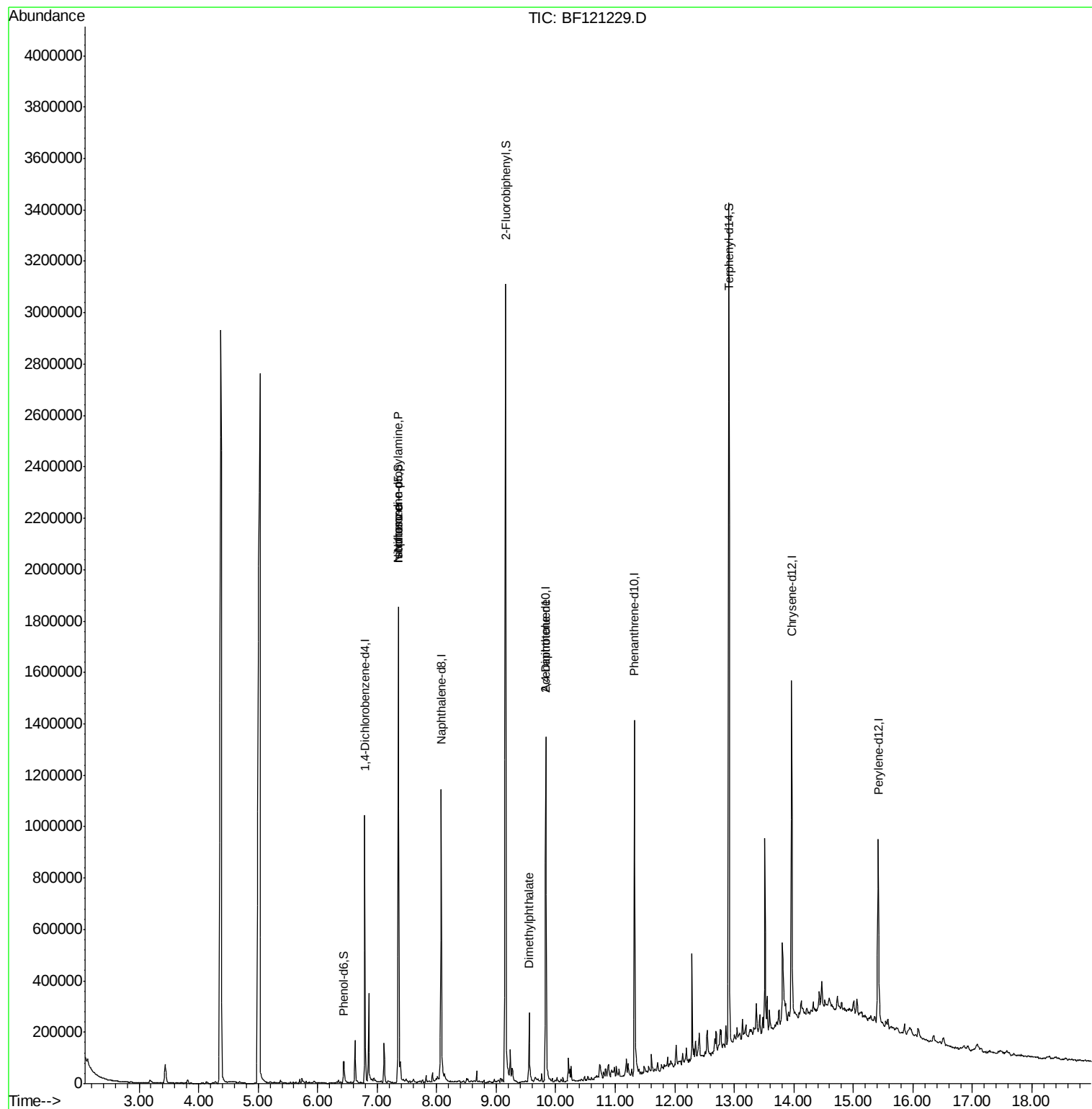
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	146515	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	572228	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	292677	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	573800	20.00	ng	0.00
76) Chrysene-d12	13.96	240	451688	20.00	ng	0.00
86) Perylene-d12	15.42	264	367082	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1677	0.19	ng	0.01
7) Phenol-d6	6.44	99	45779	3.97	ng	0.00
23) Nitrobenzene-d5	7.36	82	624300	63.13	ng	-0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.16	172	1157233	59.03	ng	0.00
79) Terphenyl-d14	12.91	244	1159046	55.78	ng	0.00
Target Compounds						
9) Benzaldehyde	6.35	77	2890	Below Cal		Qvalue # 86
19) n-Nitroso-di-n-propylamine	7.36	70	85064	12.958	ng	# 77
25) Isophorone	7.36	82	610326	30.923	ng	# 62
50) Dimethylphthalate	9.55	163	135642	6.424	ng	98
57) 2,4-Dinitrotoluene	9.83	165	37726	6.333	ng	# 29

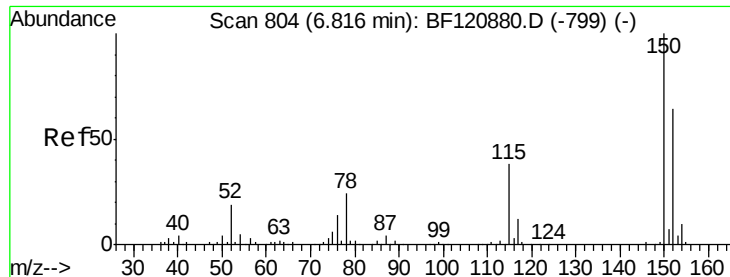
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121229.D

Acq: 7 Aug 2020 14:00

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016RX

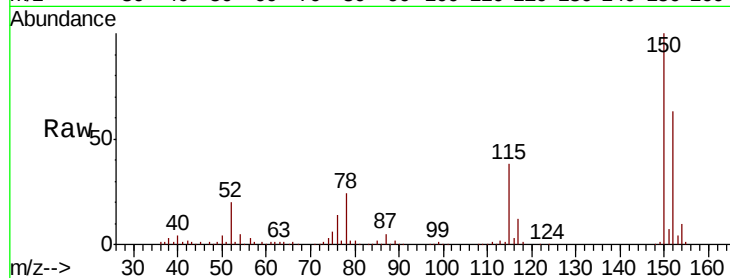
Tot Ion:152 Resp: 146515

Ion Ratio Lower Upper

152 100

150 157.8 125.6 188.4

115 59.4 46.2 69.2

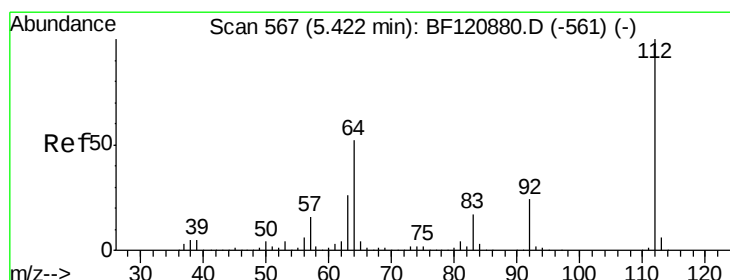
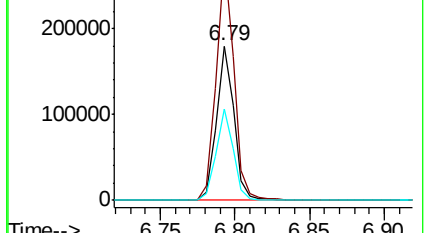
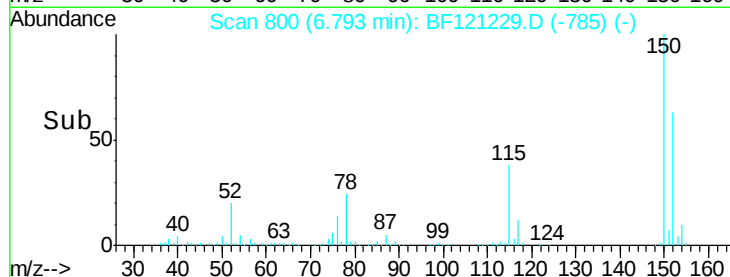


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#5

2-Fluorophenol

Concen: 0.188 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF121229.D

Acq: 7 Aug 2020 14:00

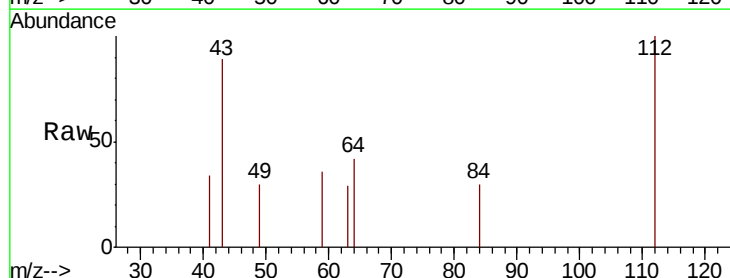
Tgt Ion:112 Resp: 1677

Ion Ratio Lower Upper

112 100

64 42.3 43.9 65.9#

63 28.9 22.7 34.1

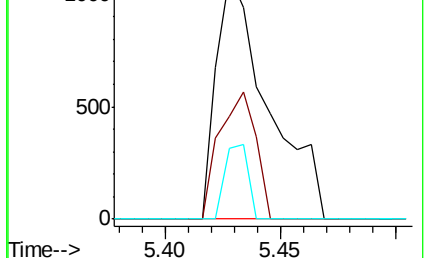
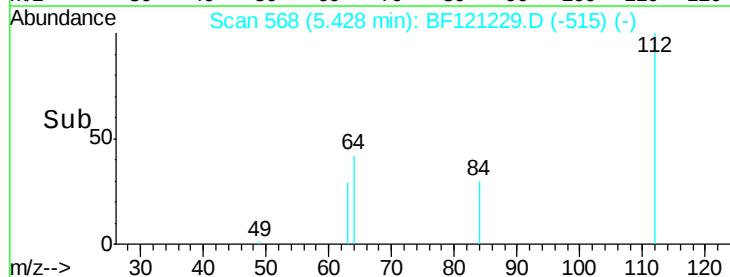


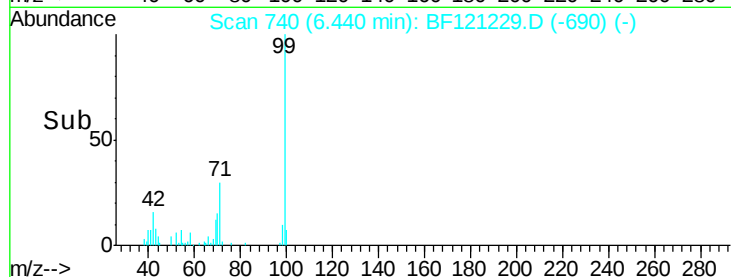
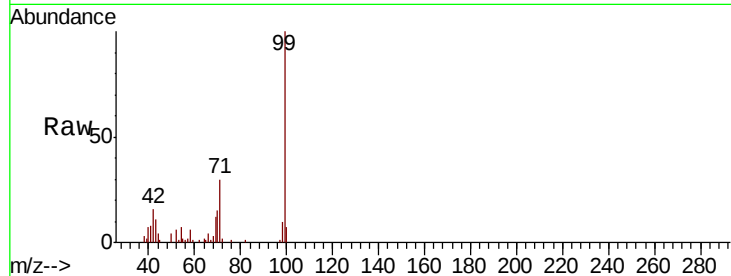
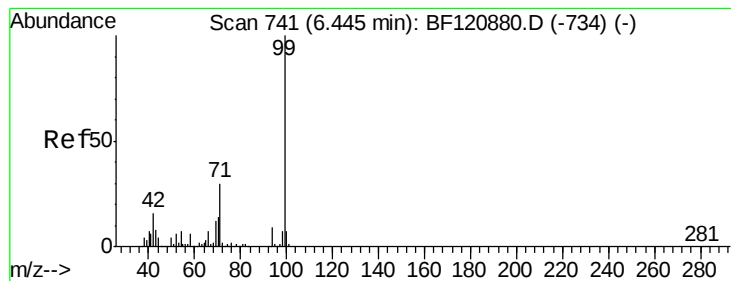
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 3.965 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121229.D

Acq: 7 Aug 2020 14:00

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016RX

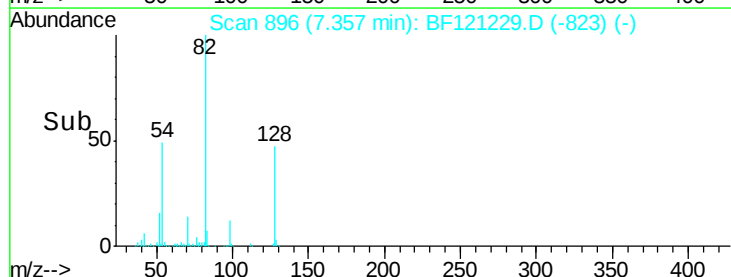
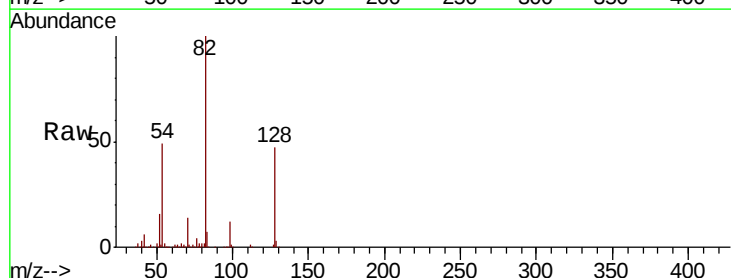
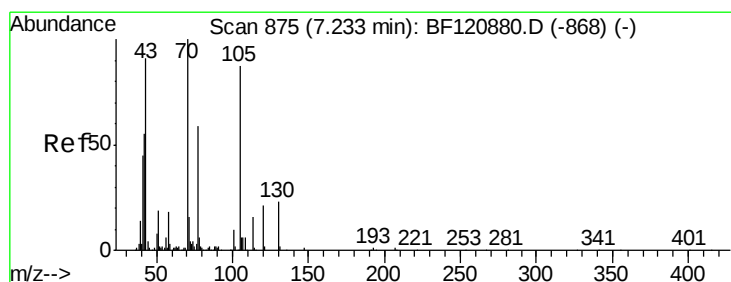
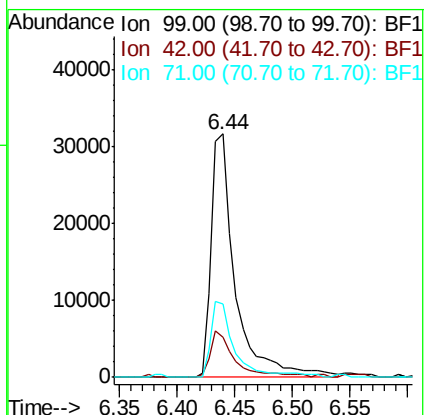
Tot Ion: 99 Resp: 45779

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

71 29.9 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.958 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121229.D

Acq: 7 Aug 2020 14:00

Tgt Ion: 70 Resp: 85064

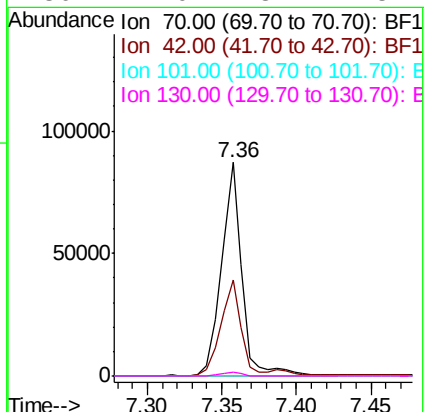
Ion Ratio Lower Upper

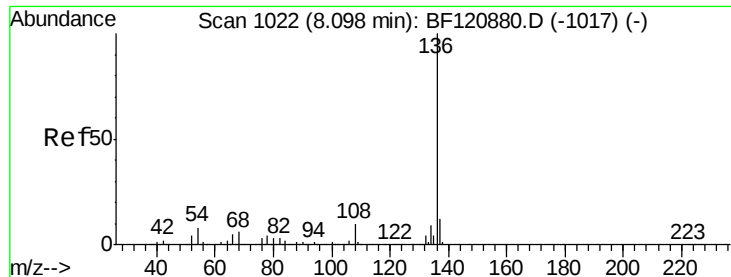
70 100

42 45.2 43.3 64.9

101 0.0 8.4 12.6#

130 2.0 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: BF121229.D

Acq: 7 Aug 2020 14:00

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016RX

Tot Ion:136 Resp: 572228

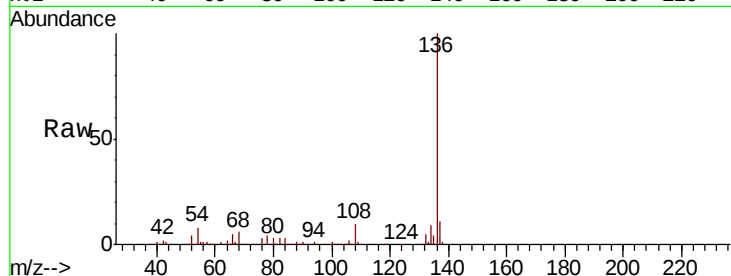
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.0 6.1 9.1

68 6.3 5.0 7.6

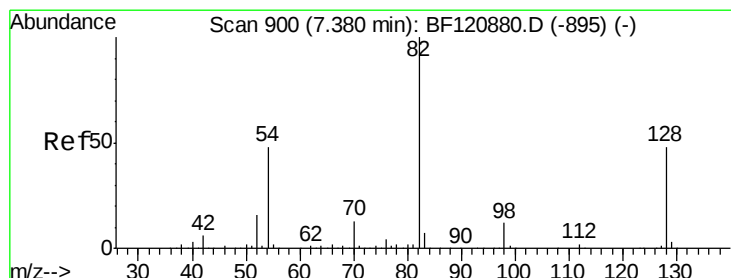
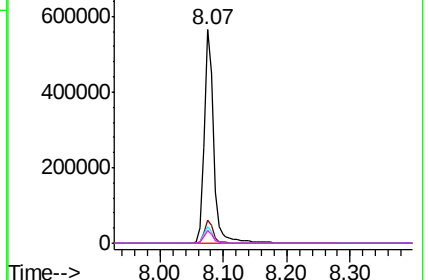
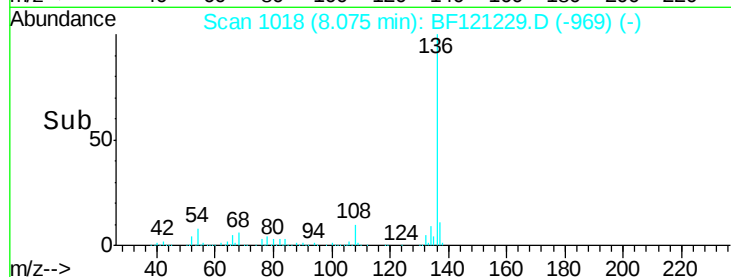


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 63.129 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121229.D

Acq: 7 Aug 2020 14:00

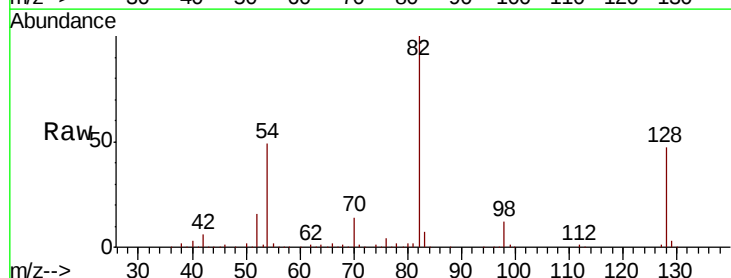
Tgt Ion: 82 Resp: 624300

Ion Ratio Lower Upper

82 100

128 46.8 39.2 58.8

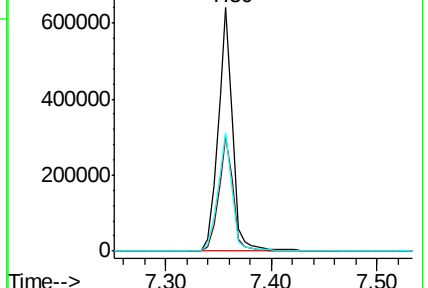
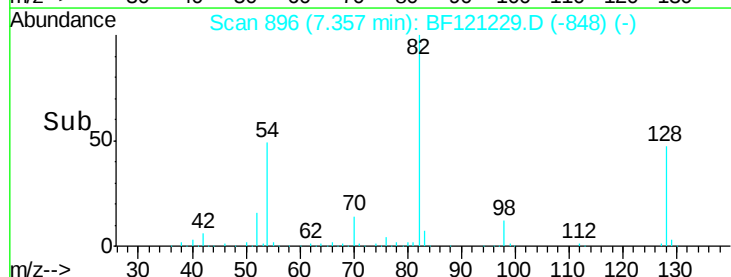
54 48.5 37.8 56.8

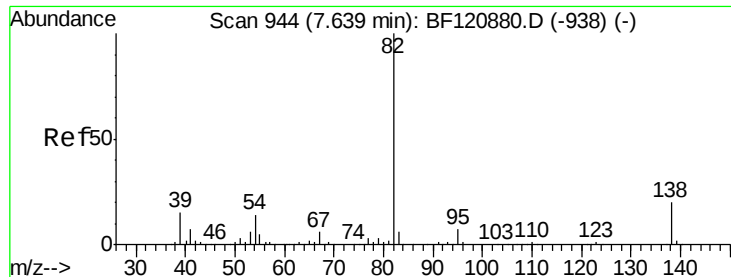


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.923 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121229.D

Acq: 7 Aug 2020 14:00

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016RX

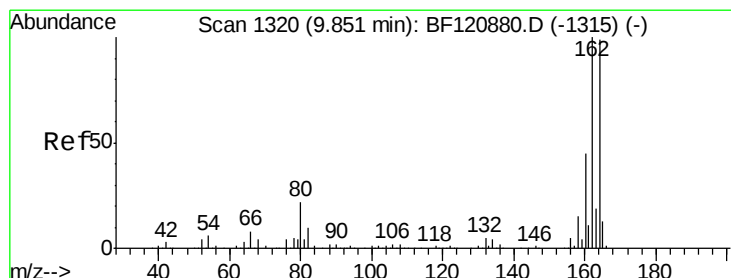
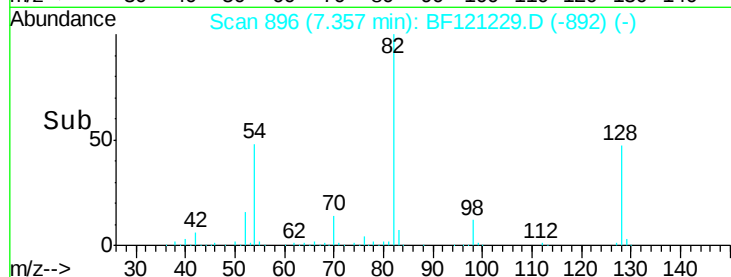
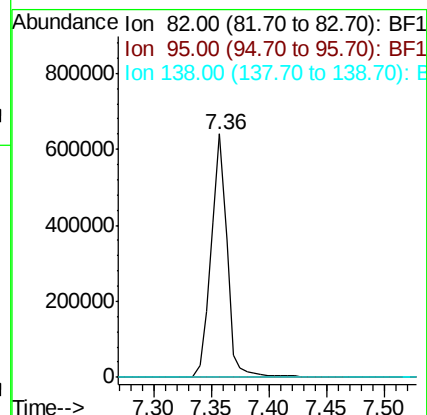
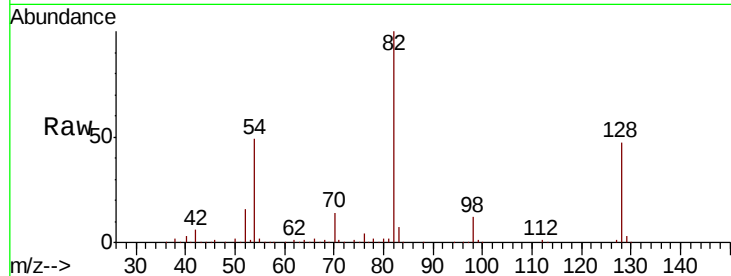
Tot Ion: 82 Resp: 610326

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 16.2 24.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121229.D

Acq: 7 Aug 2020 14:00

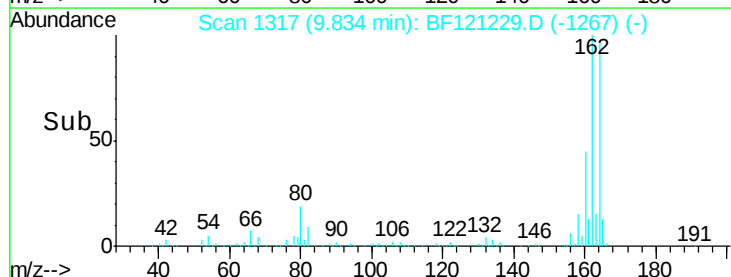
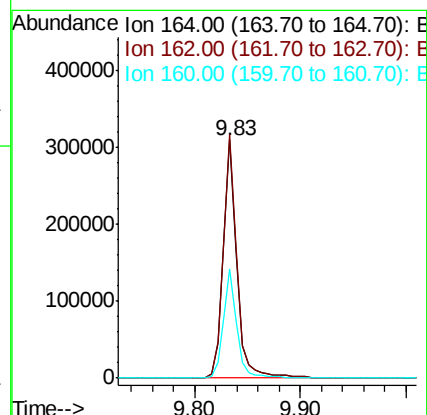
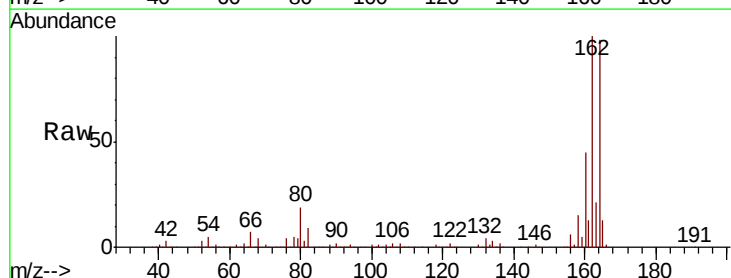
Tgt Ion: 164 Resp: 292677

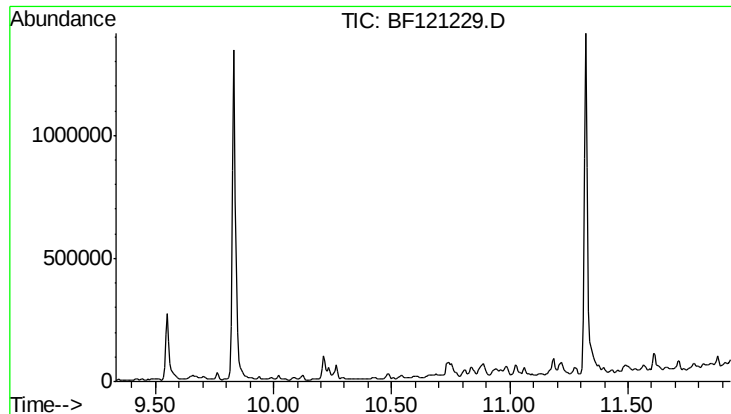
Ion Ratio Lower Upper

164 100

162 102.1 82.2 123.2

160 45.6 37.2 55.8

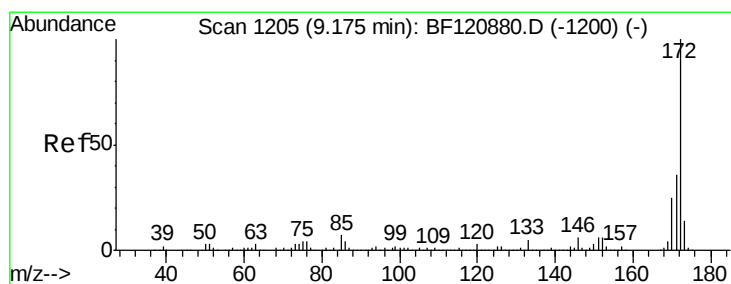
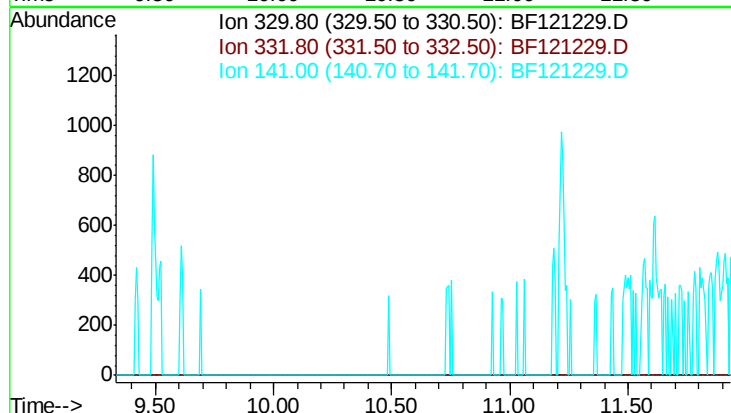




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.63 min
 Lab File: BF121229.D
 Acq: 7 Aug 2020 14:00

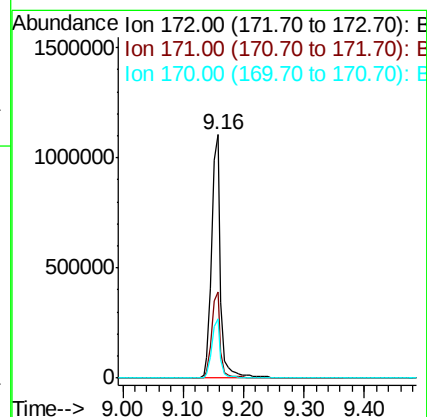
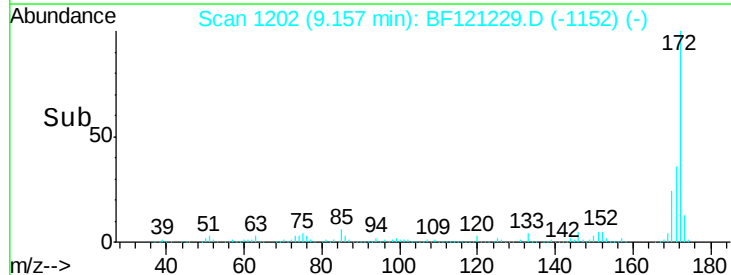
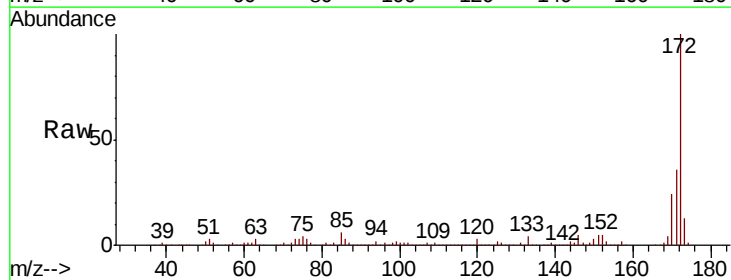
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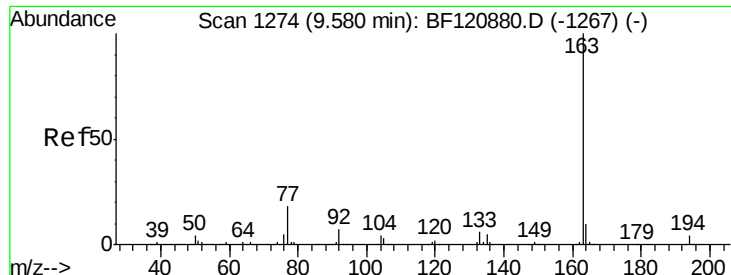
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.1
 141 30.1



#45
 2-Fluorobiphenyl
 Concen: 59.034 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121229.D
 Acq: 7 Aug 2020 14:00

Tgt Ion:172 Resp: 1157233
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.4
 170 24.3 19.6 29.4

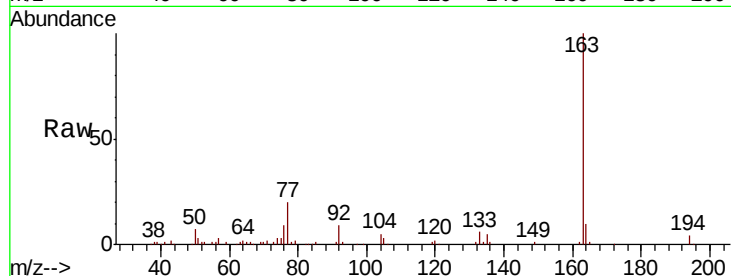




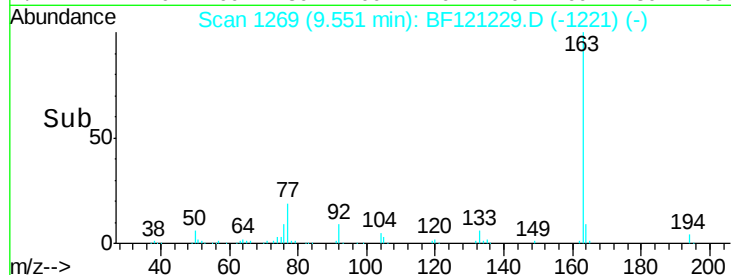
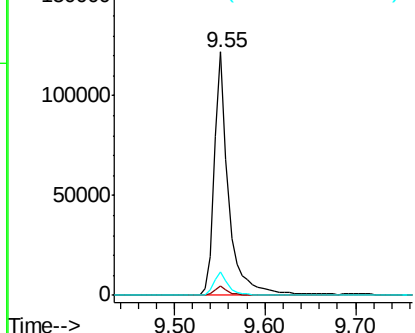
#50
Dimethylphthalate
Concen: 6.424 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121229.D
Acq: 7 Aug 2020 14:00

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-016RX

Tot Ion:163 Resp: 135642
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.5 8.4 12.6

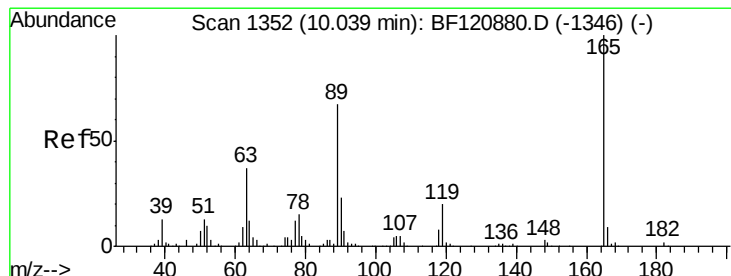


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

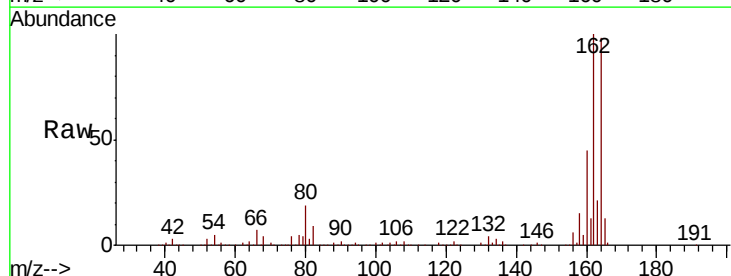
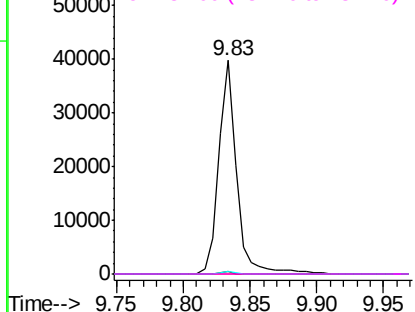


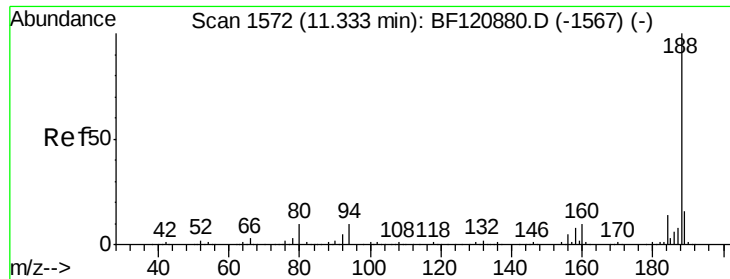
#57
2,4-Dinitrotoluene
Concen: 6.333 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121229.D
Acq: 7 Aug 2020 14:00

Tgt Ion:165 Resp: 37726
Ion Ratio Lower Upper
165 100
63 1.3 29.8 44.8#
89 1.4 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

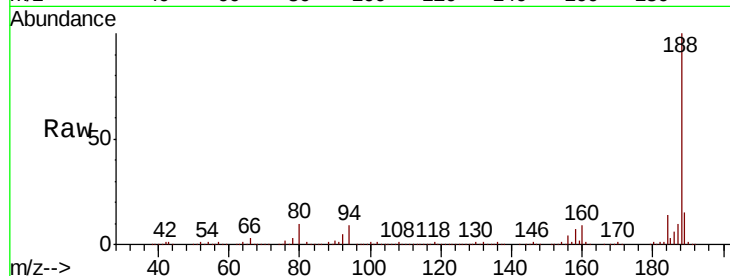




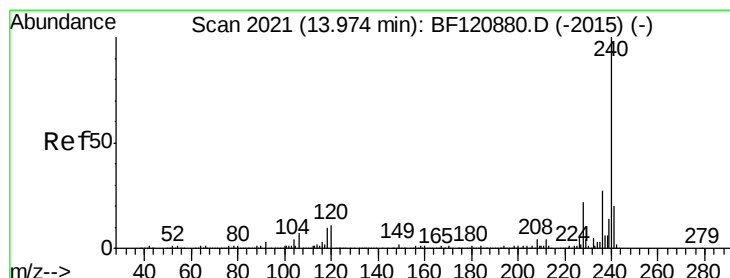
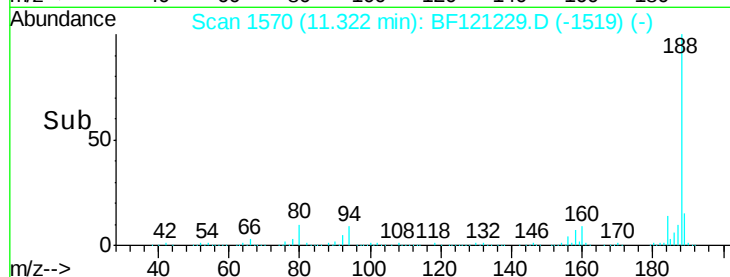
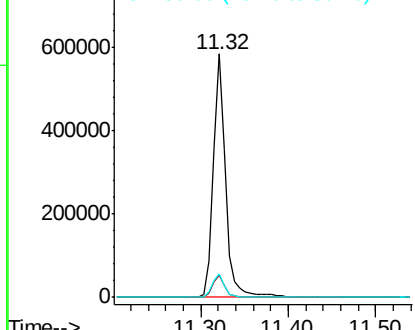
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF121229.D
Acq: 7 Aug 2020 14:00

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-016RX

Tot Ion:188 Resp: 573800
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.8 8.3 12.5

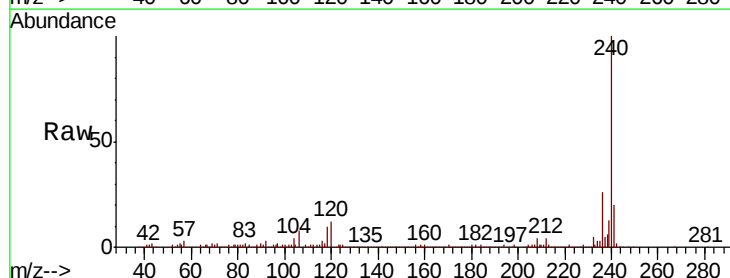


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

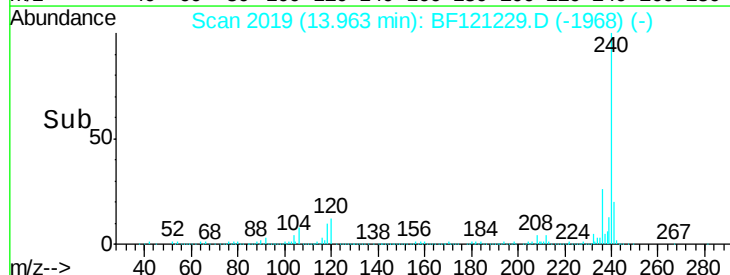
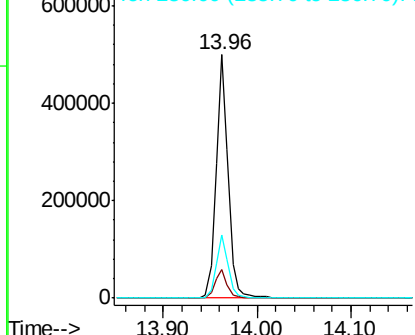


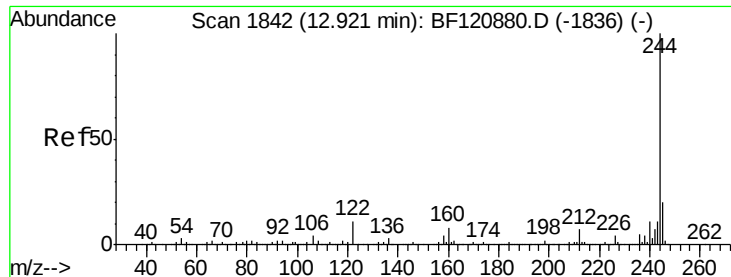
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121229.D
Acq: 7 Aug 2020 14:00

Tgt Ion:240 Resp: 451688
Ion Ratio Lower Upper
240 100
120 11.7 9.3 13.9
236 25.7 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: 55.780 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF121229.D

Acq: 7 Aug 2020 14:00

Instrument :

BNA_F

ClientSampleId :

FK-0D015-03-016RX

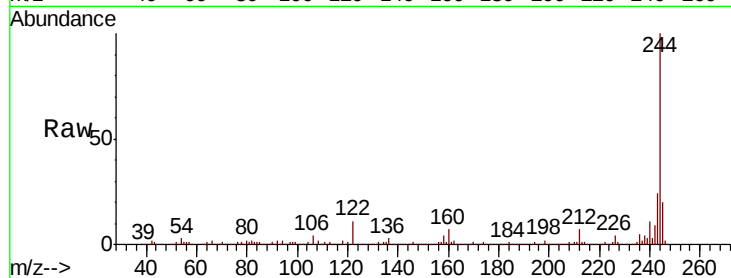
Tot Ion:244 Resp: 1159046

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

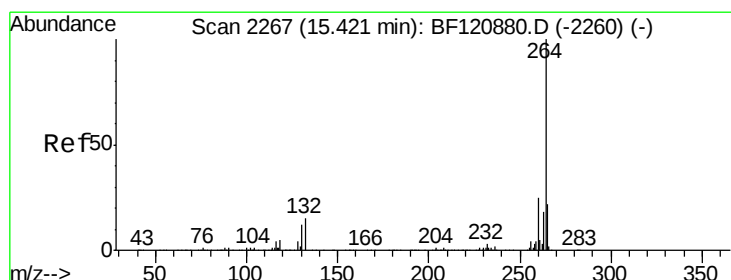
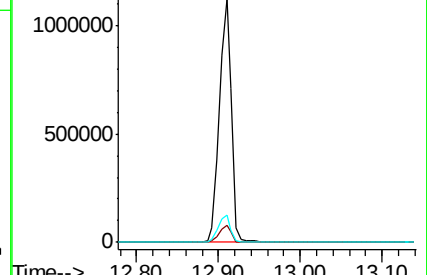
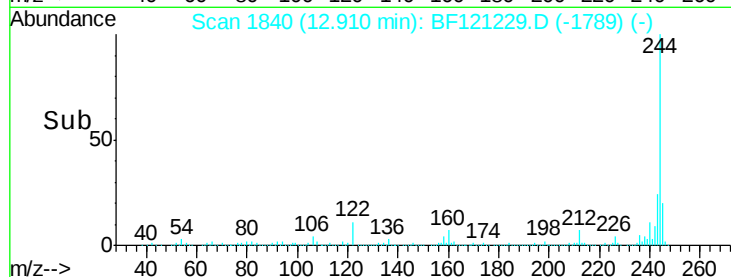
122 11.0 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BF121229.D

Acq: 7 Aug 2020 14:00

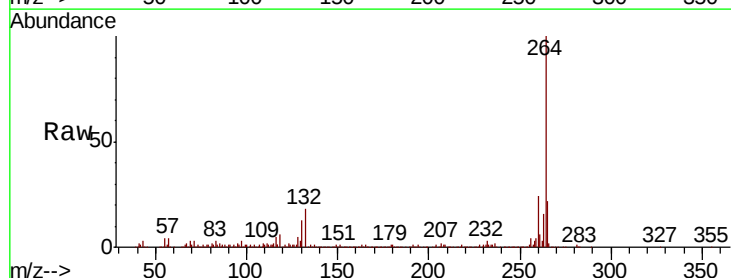
Tgt Ion:264 Resp: 367082

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 21.7 17.8 26.8



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

