

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121881.D
 Acq On : 7 Oct 2020 19:01
 Operator : JU/CG
 Sample : L4225-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-100620

Quant Time: Oct 08 00:43:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

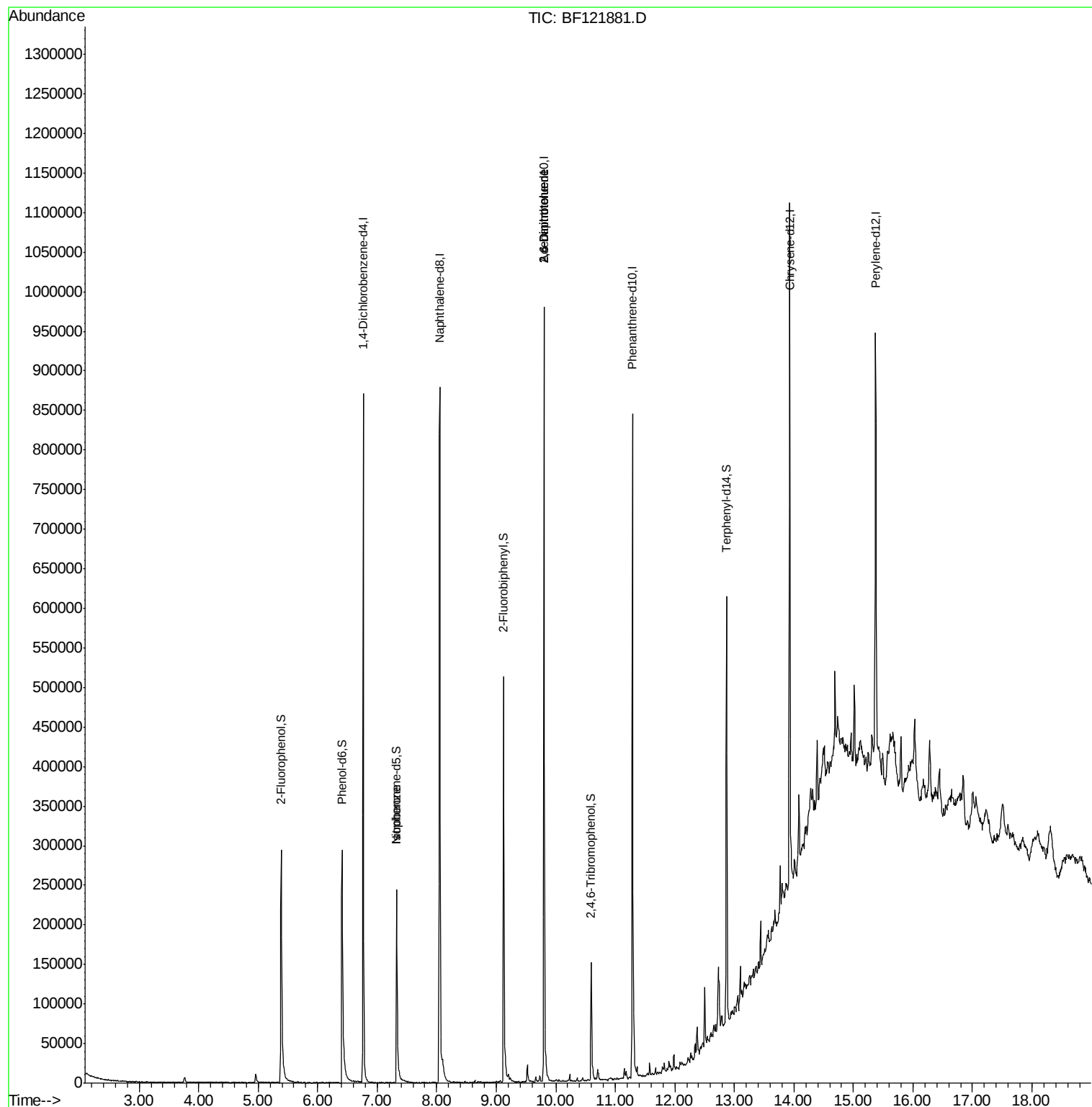
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	130411	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	485184	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	217992	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	348413	20.00	ng	0.00
76) Chrysene-d12	13.93	240	295799	20.00	ng	0.00
86) Perylene-d12	15.37	264	224310	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	119359	13.60	ng	0.00
7) Phenol-d6	6.41	99	156621	13.60	ng	0.00
23) Nitrobenzene-d5	7.33	82	98416	10.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	25618	9.46	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	200170	13.91	ng	-0.01
79) Terphenyl-d14	12.87	244	162272	11.11	ng	-0.01
Target Compounds						
25) Isophorone	7.33	82	98415	5.410	ng	# 67
51) 2,6-Dinitrotoluene	9.80	165	28170	8.372	ng	# 20
57) 2,4-Dinitrotoluene	9.80	165	28171	6.655	ng	# 20

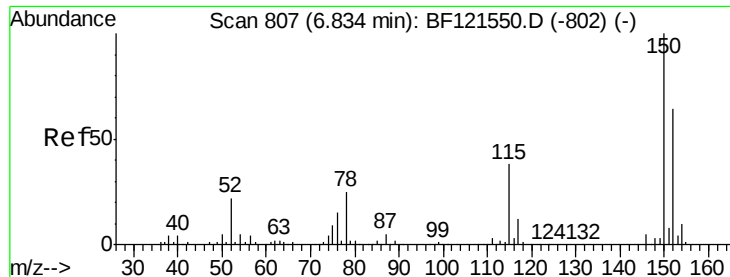
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF121881.D

Acq: 7 Oct 2020 19:01

Instrument :

BNA_F

ClientSampleId :

SU-04-100620

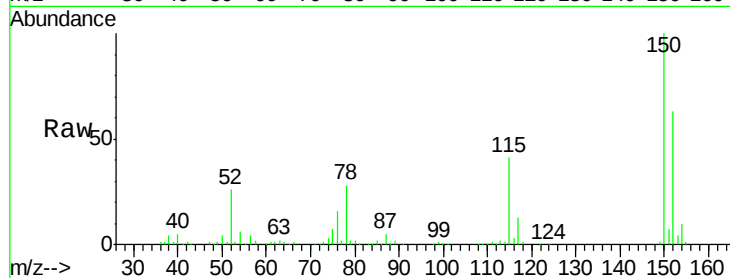
Tot Ion:152 Resp: 130411

Ion Ratio Lower Upper

152 100

150 157.7 125.3 187.9

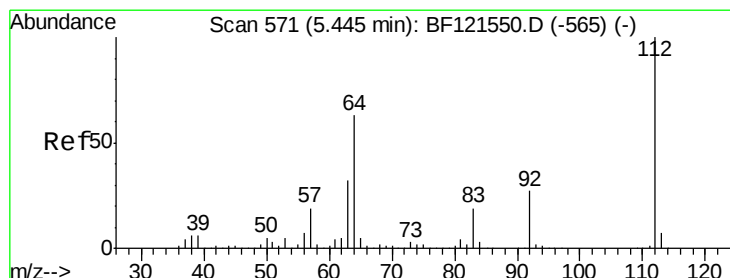
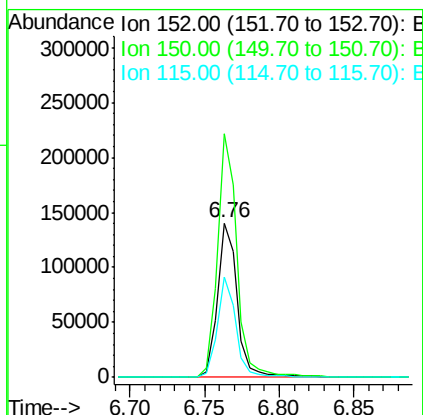
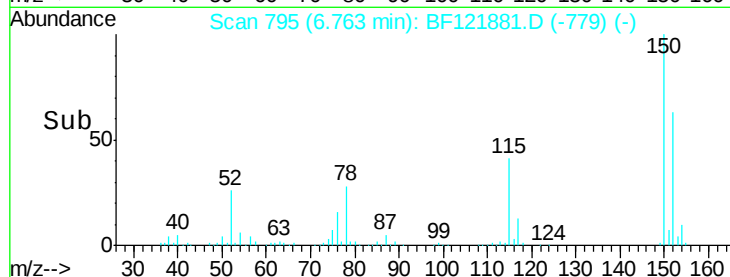
115 64.9 51.9 77.9



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: 13.602 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF121881.D

Acq: 7 Oct 2020 19:01

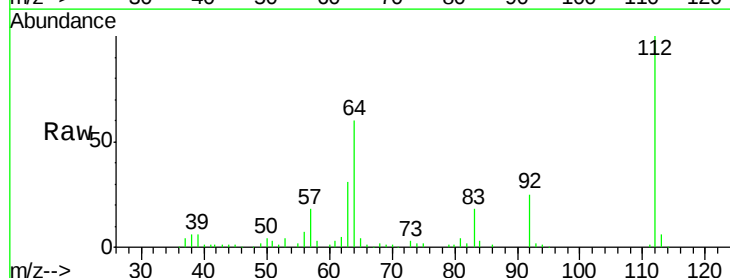
Tgt Ion:112 Resp: 119359

Ion Ratio Lower Upper

112 100

64 59.8 50.4 75.6

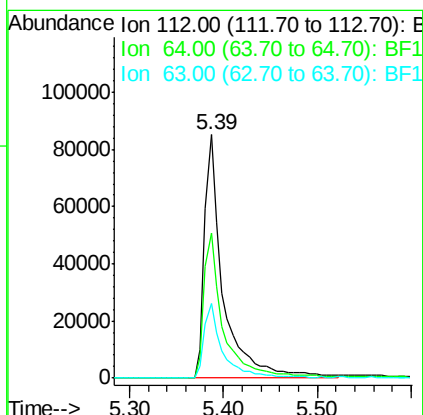
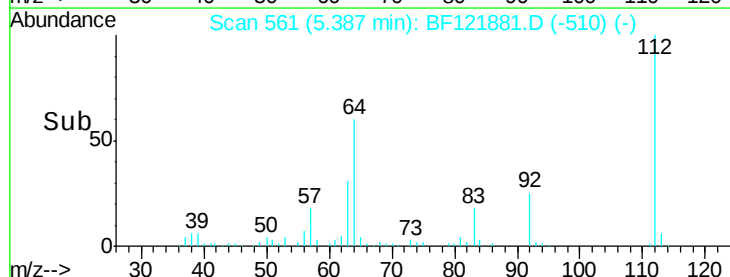
63 30.7 25.8 38.6



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: 13.604 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121881.D

Acq: 7 Oct 2020 19:01

Instrument :

BNA_F

ClientSampleId :

SU-04-100620

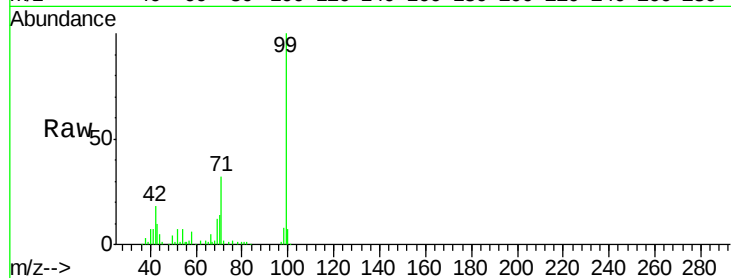
Tot Ion: 99 Resp: 156621

Ion Ratio Lower Upper

99 100

42 18.3 15.9 23.9

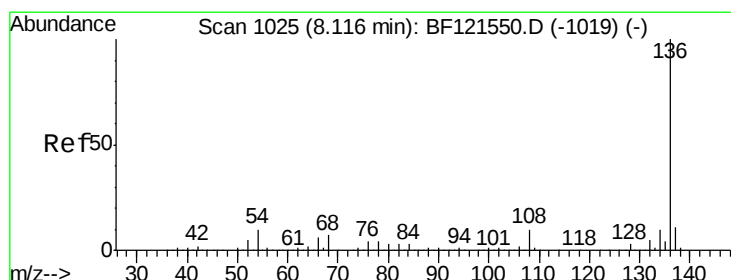
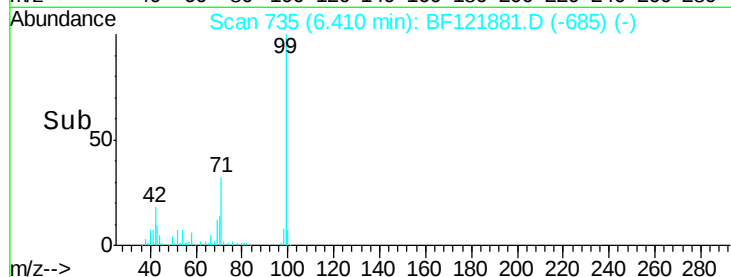
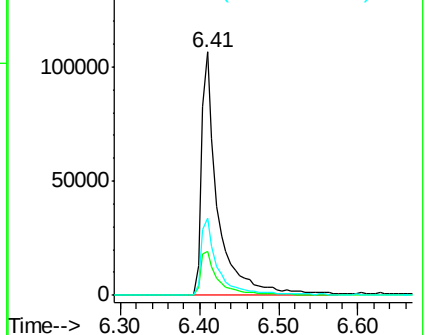
71 31.7 27.1 40.7



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: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF121881.D

Acq: 7 Oct 2020 19:01

Tgt Ion: 136 Resp: 485184

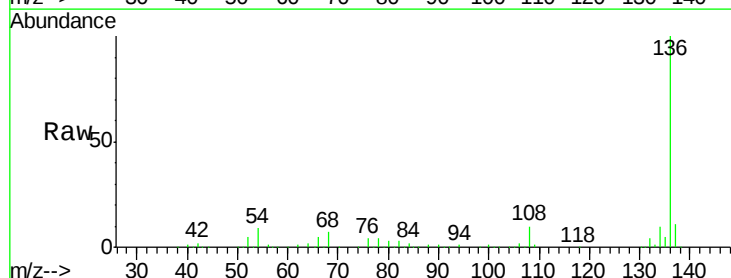
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.6 7.1 10.7

68 6.8 5.0 7.4

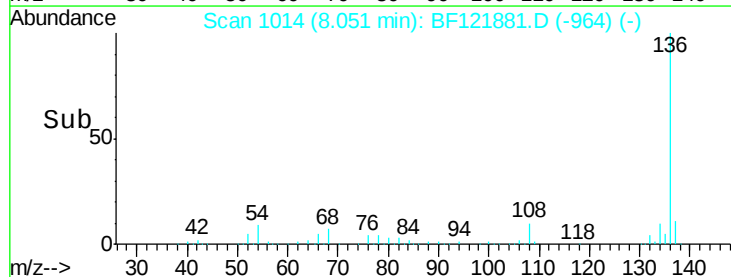
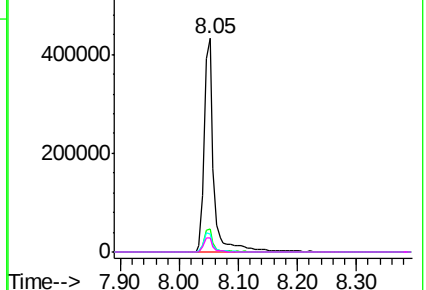


Abundance Ion 136.00 (135.70 to 136.70): E

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

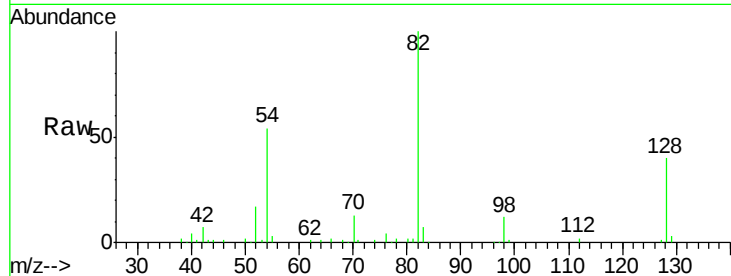




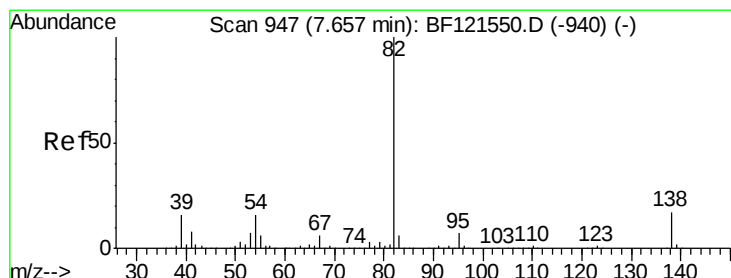
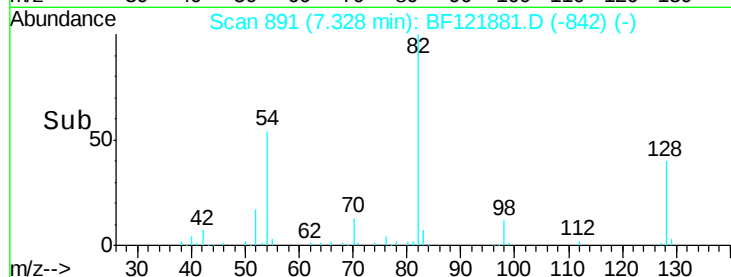
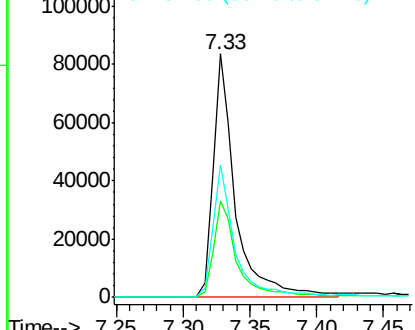
#23
Nitrobenzene-d5
Concen: 10.891 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121881.D
Acq: 7 Oct 2020 19:01

Instrument :
BNA_F
ClientSampleId :
SU-04-100620

Tot Ion: 82 Resp: 98416
Ion Ratio Lower Upper
82 100
128 39.8 35.0 52.4
54 54.3 43.9 65.9

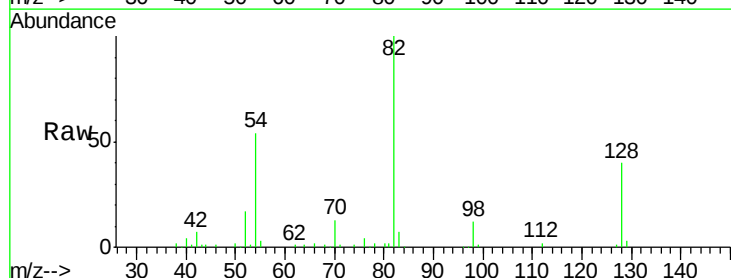


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

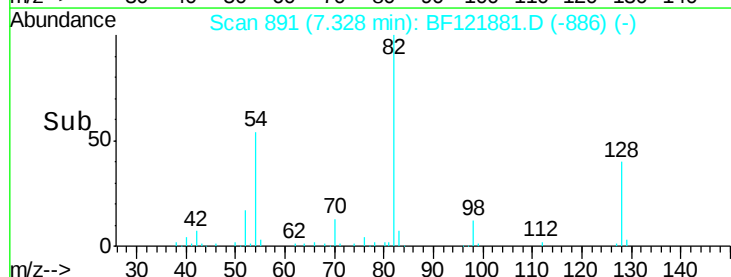
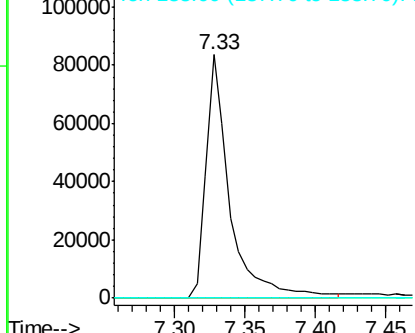


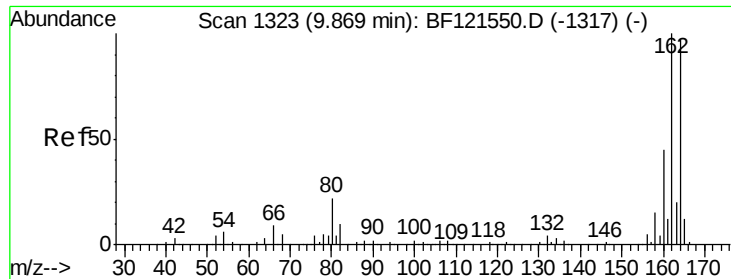
#25
Isophorone
Concen: 5.410 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF121881.D
Acq: 7 Oct 2020 19:01

Tgt Ion: 82 Resp: 98415
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



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: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF121881.D

Acq: 7 Oct 2020 19:01

Instrument :

BNA_F

ClientSampleId :

SU-04-100620

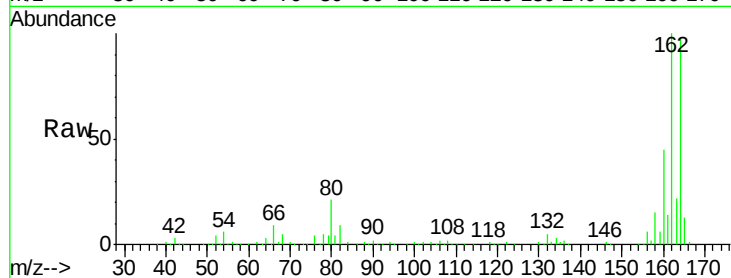
Tot Ion:164 Resp: 217992

Ion Ratio Lower Upper

164 100

162 102.4 83.2 124.8

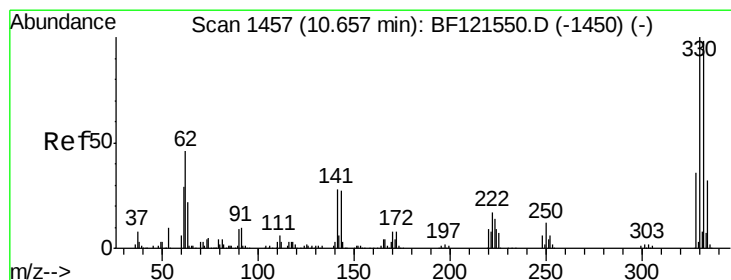
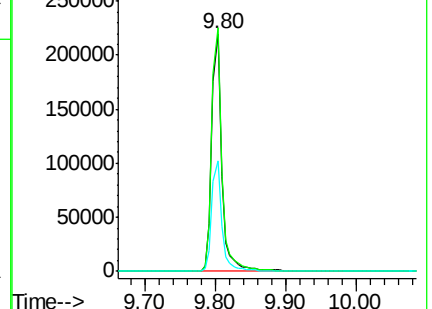
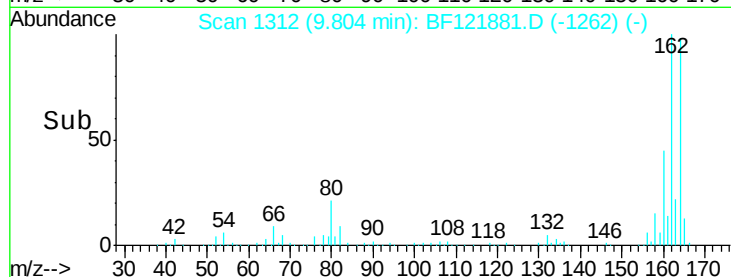
160 46.4 37.5 56.3



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: 9.455 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121881.D

Acq: 7 Oct 2020 19:01

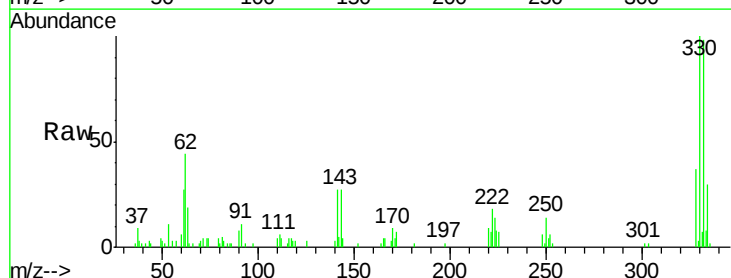
Tgt Ion:330 Resp: 25618

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

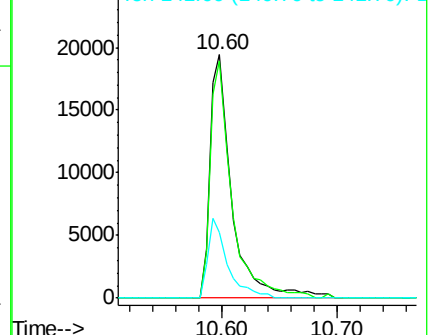
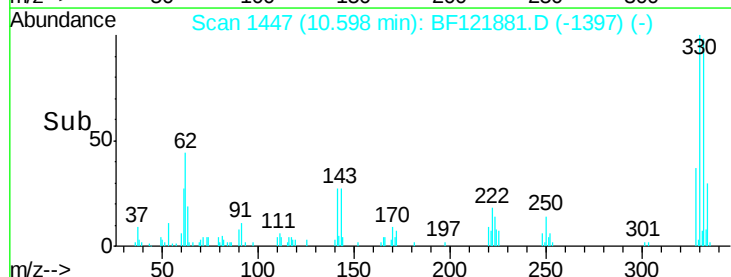
141 29.6 22.3 33.5

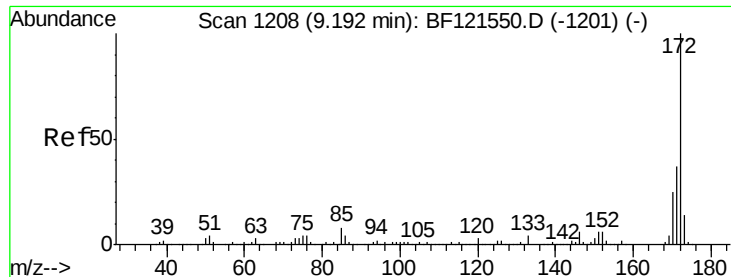


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

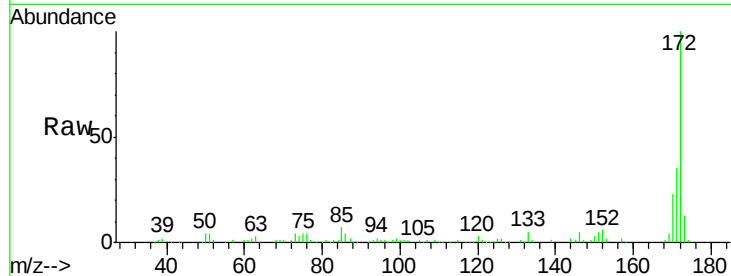




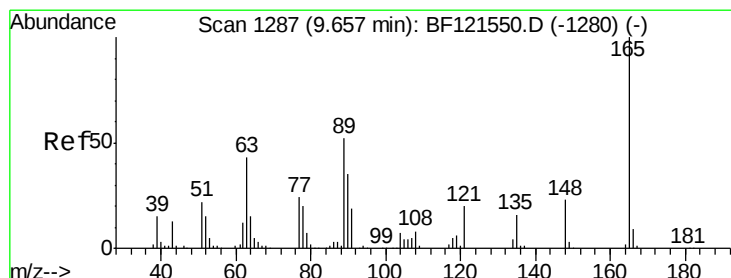
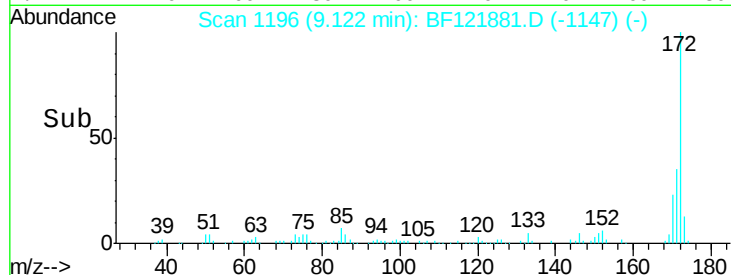
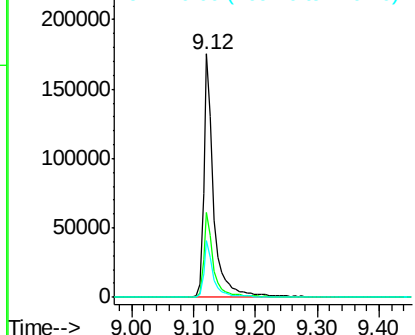
#45
 2-Fluorobiphenyl
 Concen: 13.907 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121881.D
 Acq: 7 Oct 2020 19:01

Instrument :
 BNA_F
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 SU-04-100620

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.1	43.7
170	23.1	19.8	29.6

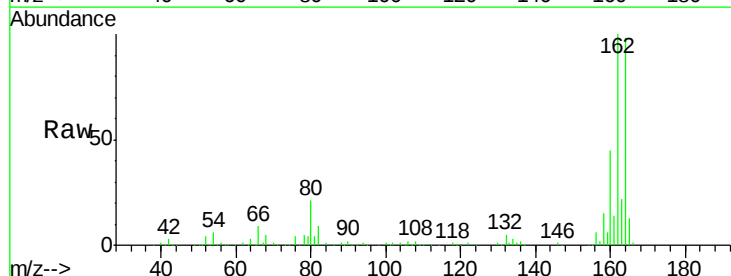


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

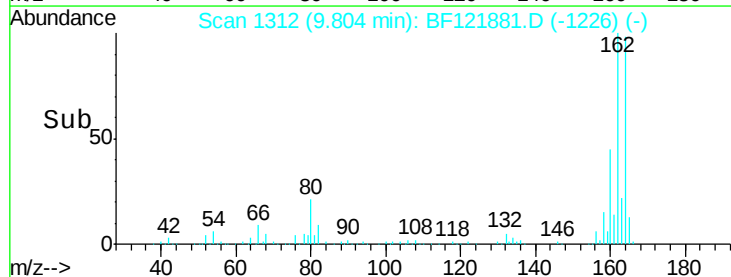
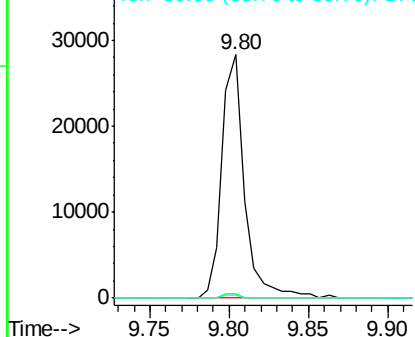


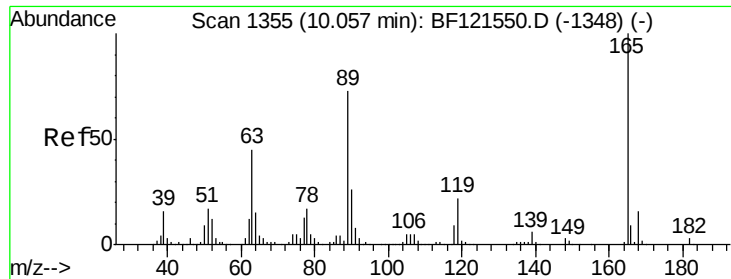
#51
 2,6-Dinitrotoluene
 Concen: 8.372 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.21 min
 Lab File: BF121881.D
 Acq: 7 Oct 2020 19:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.8	77.6#
89	1.1	49.0	73.6#



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

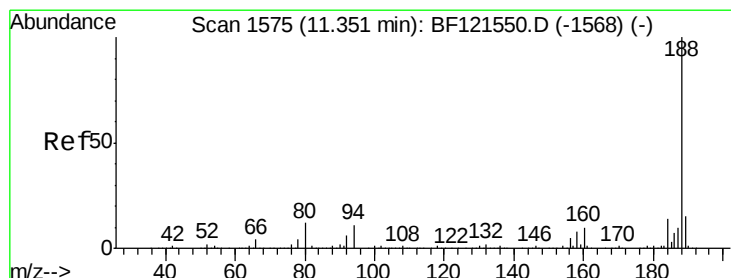
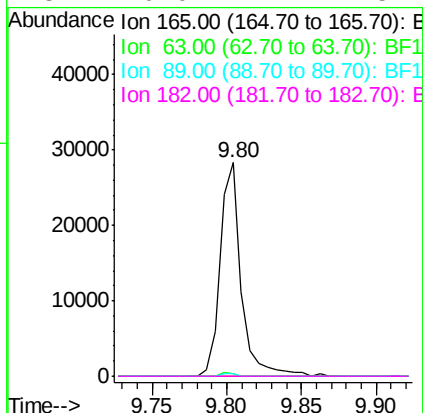
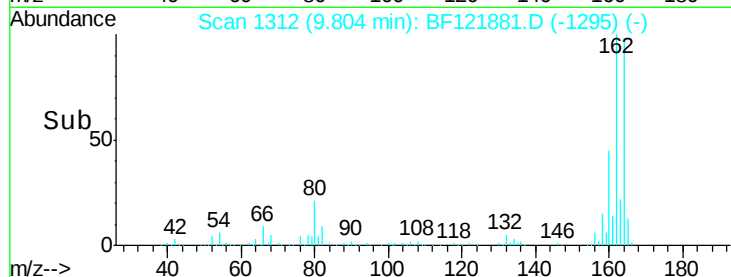
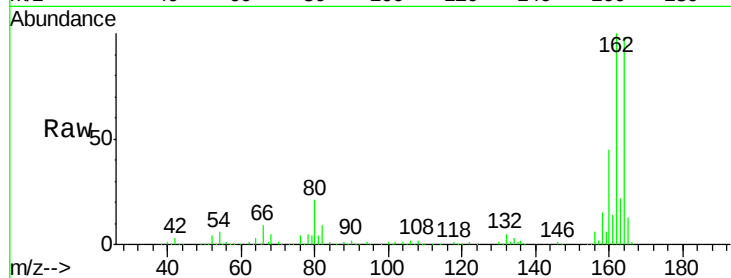




#57
 2,4-Dinitrotoluene
 Concen: 6.655 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.20 min
 Lab File: BF121881.D
 Acq: 7 Oct 2020 19:01

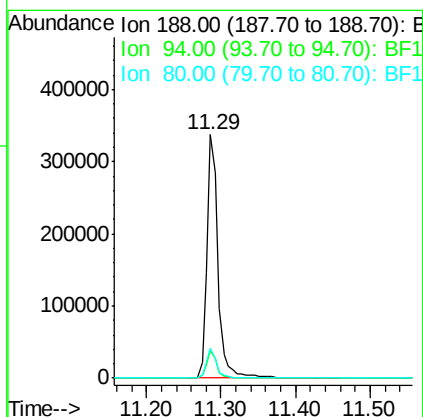
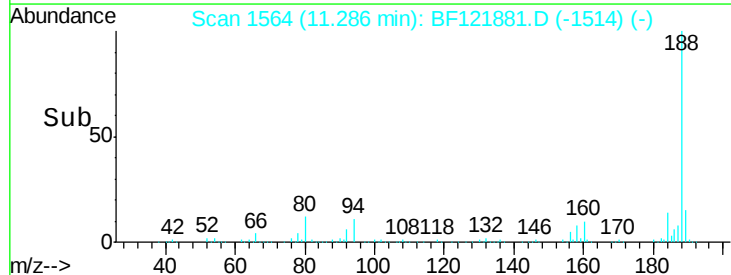
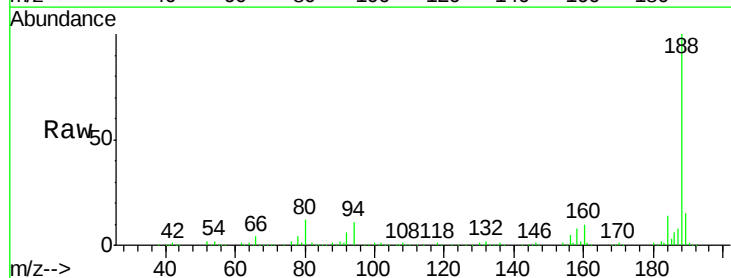
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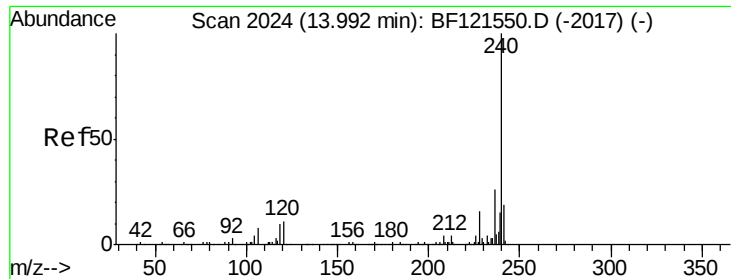
Tot Ion:165	Resp: 28171
Ion Ratio	Lower Upper
165 100	
63 1.5	41.3 61.9#
89 1.1	61.8 92.8#
182 0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF121881.D
 Acq: 7 Oct 2020 19:01

Tgt	Ion:188	Resp:	348413
Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.3	12.5
80	12.3	9.1	13.7

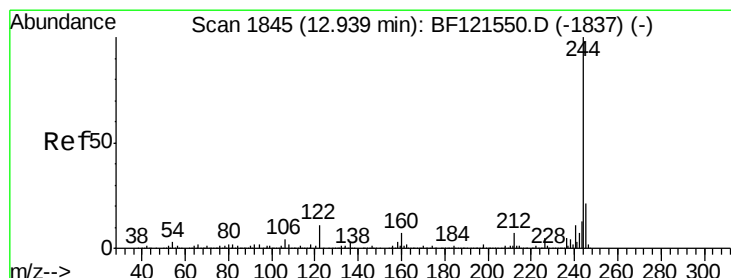
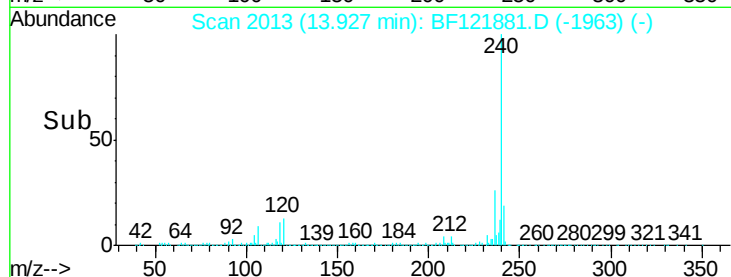
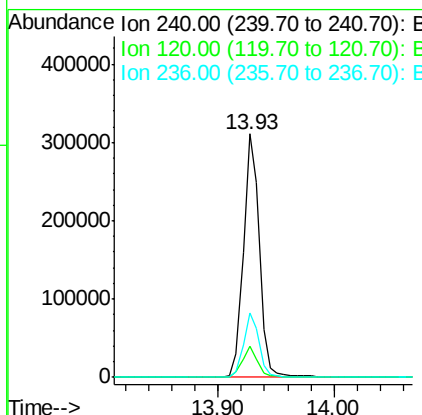
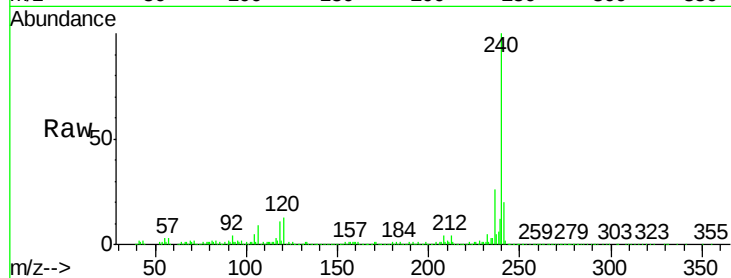




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF121881.D
 Acq: 7 Oct 2020 19:01

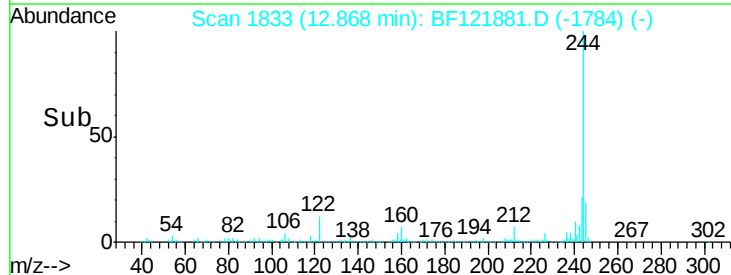
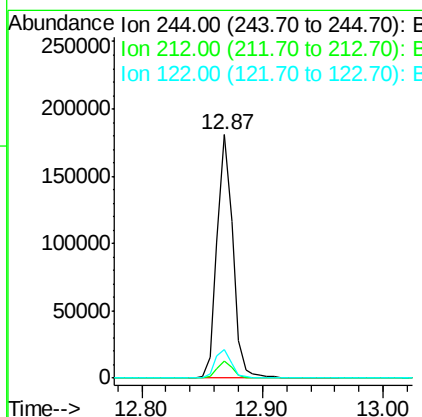
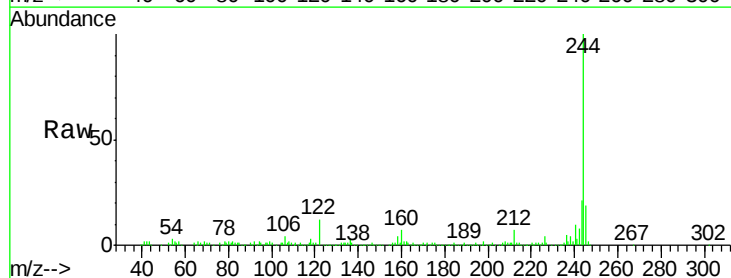
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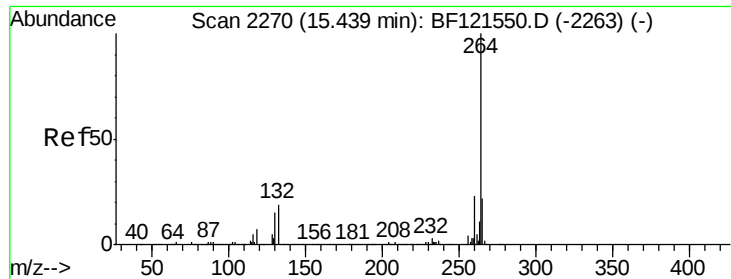
Tot Ion:240 Resp: 295799
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.2 13.8
 236 26.2 20.9 31.3



#79
 Terphenyl-d14
 Concen: 11.114 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121881.D
 Acq: 7 Oct 2020 19:01

Tgt Ion:244 Resp: 162272
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.5 8.1 12.1

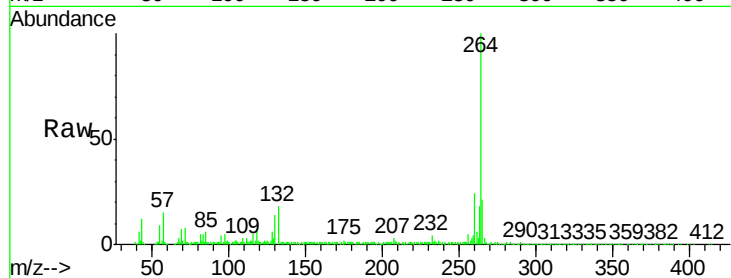




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. 0.01 min
 Lab File: BF121881.D
 Acq: 7 Oct 2020 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-100620

Tot Ion	Ion	Ratio	Lower	Upper
224310	264	100		
	260	23.8	18.7	28.1
	265	21.5	17.3	25.9



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

