

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082820\
 Data File : BF121465.D
 Acq On : 28 Aug 2020 17:58
 Operator : JU/CG
 Sample : L3837-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP11-2430-01

Quant Time: Sep 04 15:59:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

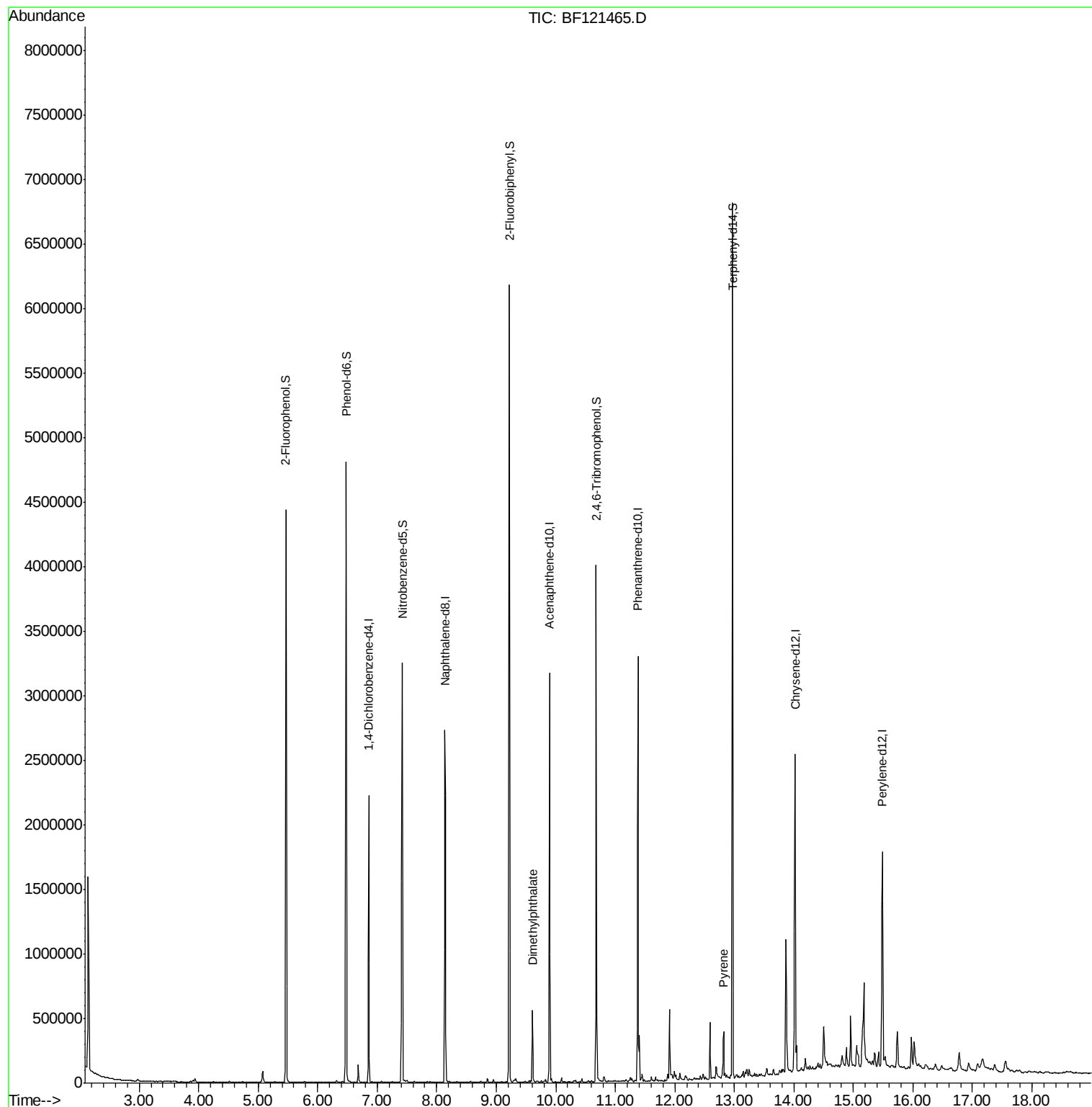
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	293595	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1138677	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	596925	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1126192	20.00	ng	0.00
76) Chrysene-d12	14.02	240	840142	20.00	ng	0.00
86) Perylene-d12	15.49	264	732036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1313783	75.08	ng	0.00
7) Phenol-d6	6.48	99	1699781	69.51	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1075136	64.55	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	492060	81.61	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	2005397	54.21	ng	0.00
79) Terphenyl-d14	12.97	244	2100866	52.64	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	192772	4.701	ng	98
78) Pyrene	12.82	202	143637	2.394	ng	95

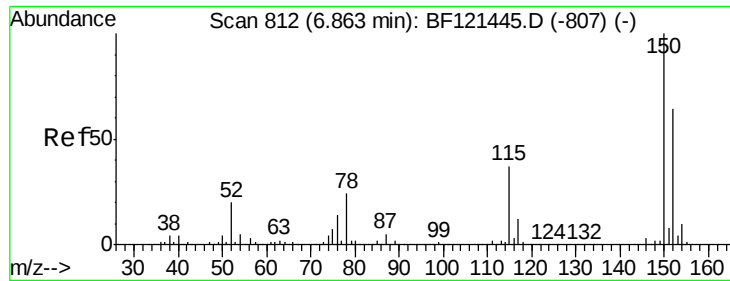
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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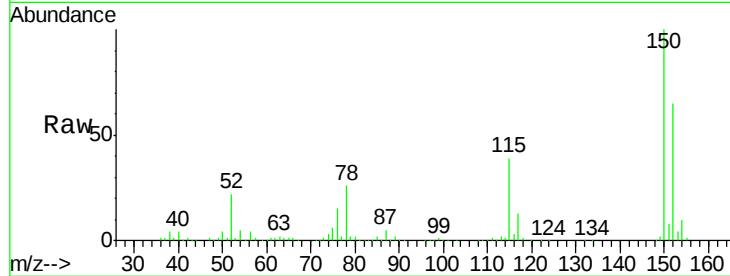


#1

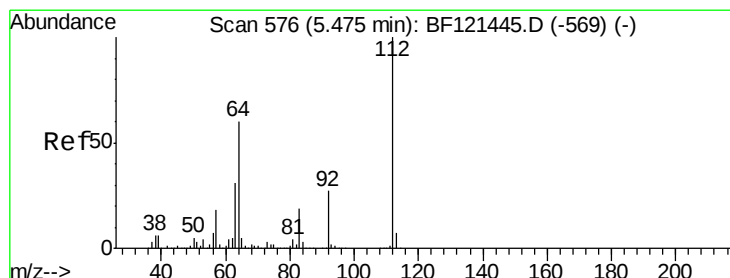
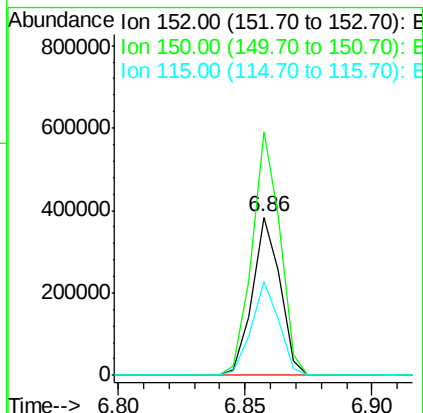
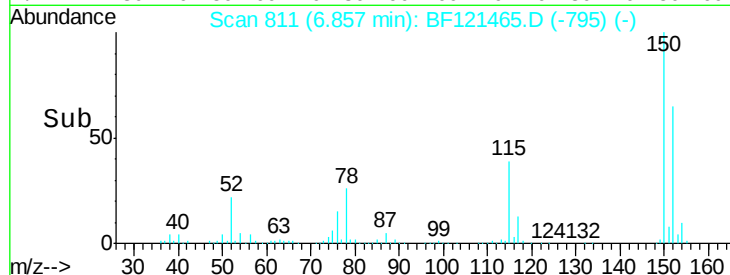
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF121465.D
 Acq: 28 Aug 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP11-2430-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.8	188.6
115	59.5	46.6	69.8



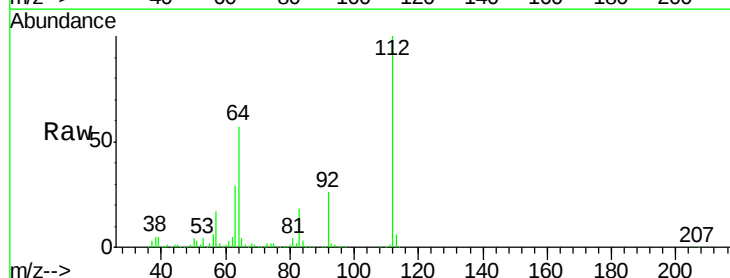
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



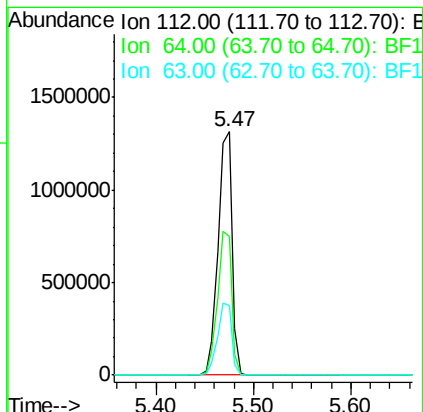
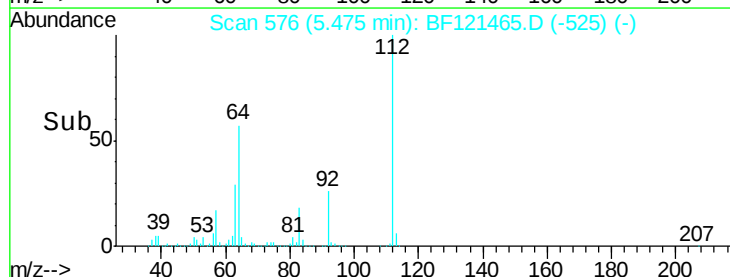
#5

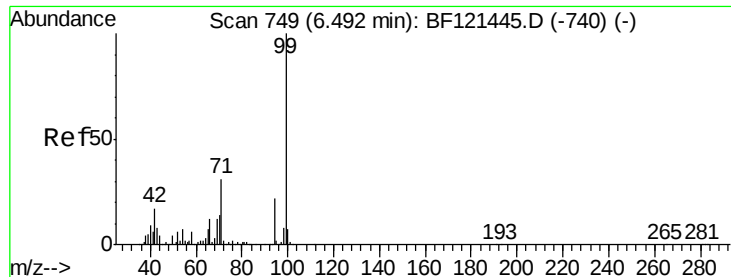
2-Fluorophenol
 Concen: 75.076 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF121465.D
 Acq: 28 Aug 2020 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.2	72.2
63	28.8	24.8	37.2



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: 69.507 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121465.D

Acq: 28 Aug 2020 17:58

Instrument :

BNA_F

ClientSampleId :

789UMR-TP11-2430-01

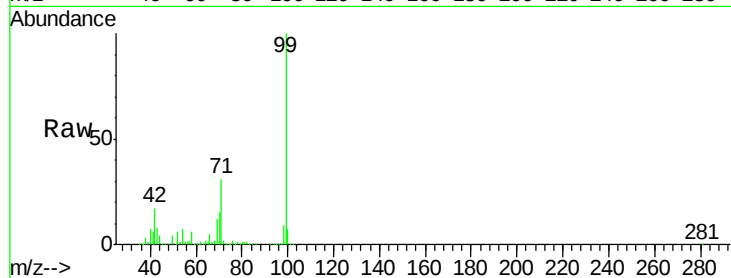
Tot Ion: 99 Resp: 1699781

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

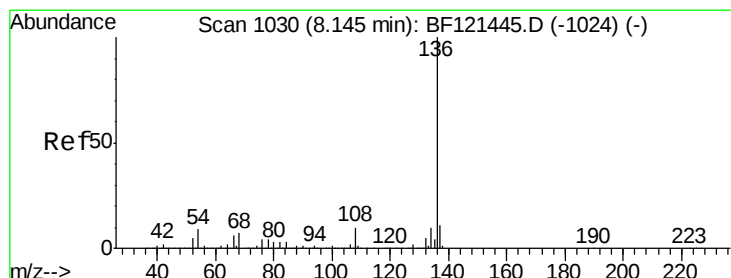
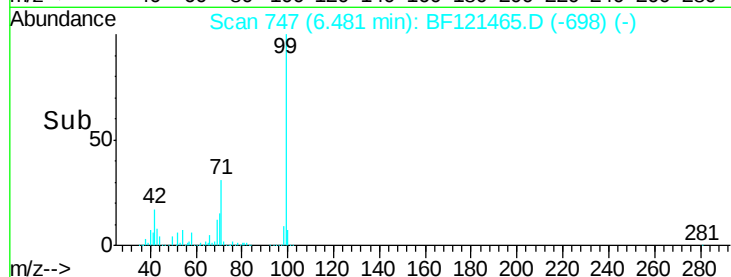
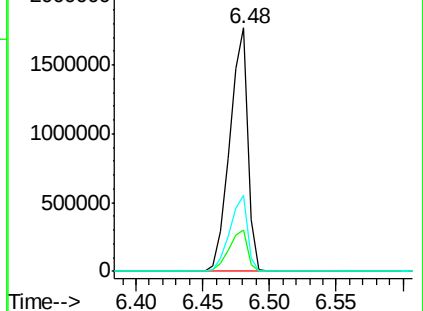
71 31.3 24.6 37.0



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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121465.D

Acq: 28 Aug 2020 17:58

Tgt Ion: 136 Resp: 1138677

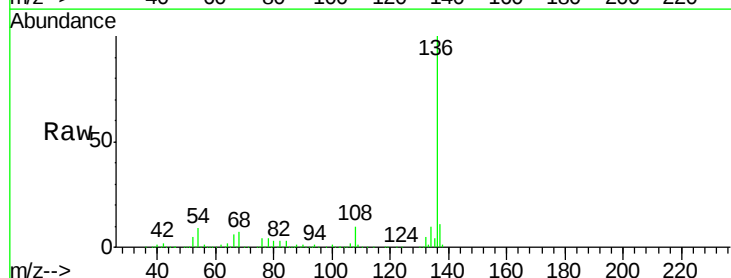
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.0 7.0 10.4

68 6.9 5.5 8.3

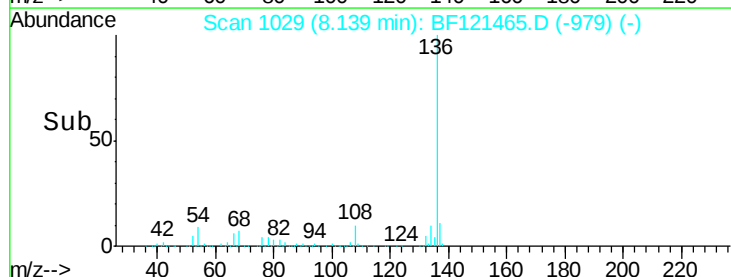
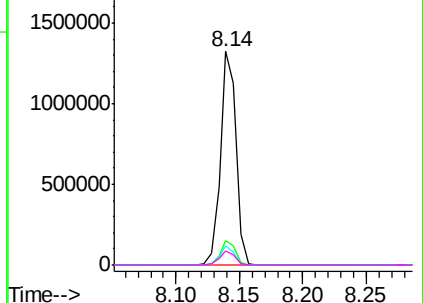


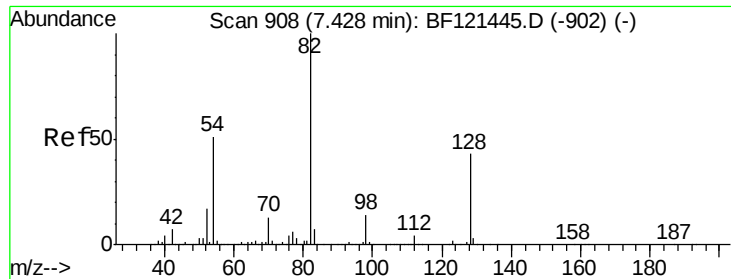
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

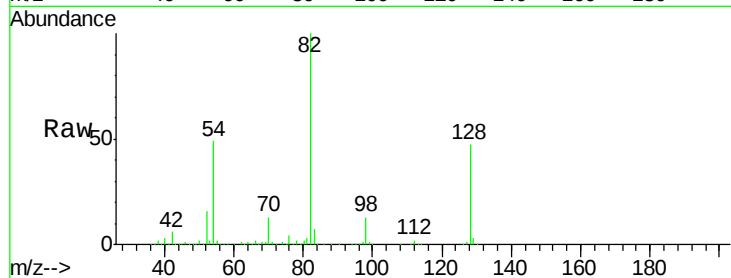




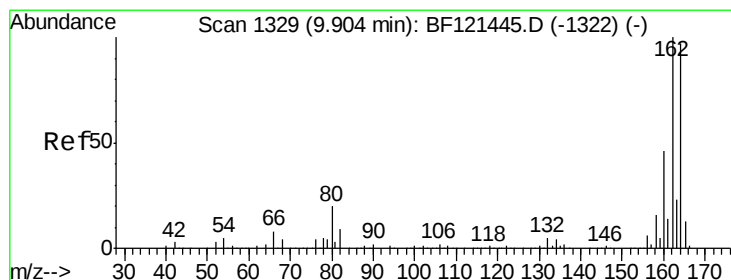
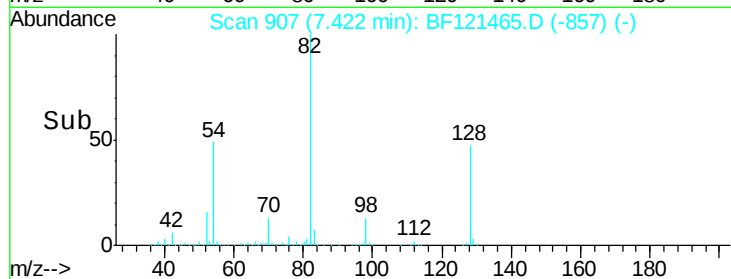
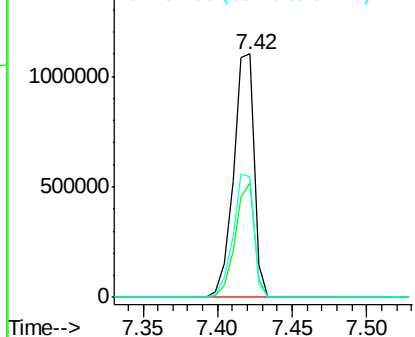
#23
 Nitrobenzene-d5
 Concen: 64.551 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF121465.D
 Acq: 28 Aug 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP11-2430-01

Tot Ion: 82 Resp: 1075136
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.1 51.1
 54 49.3 41.0 61.6

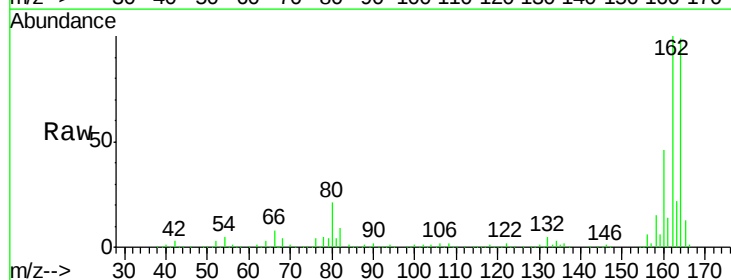


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

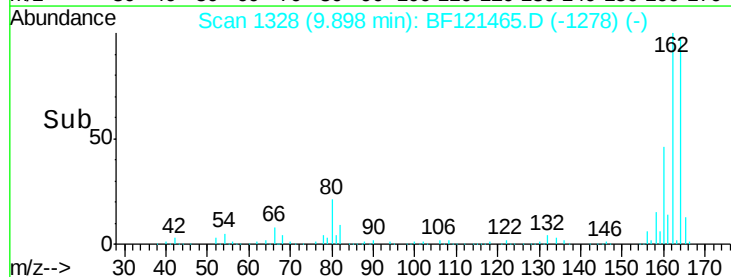
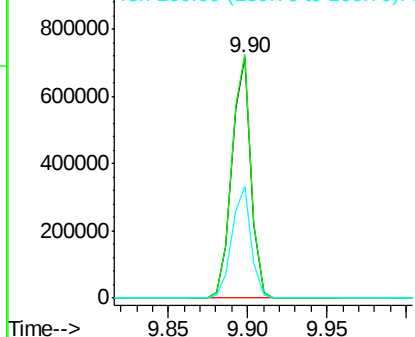


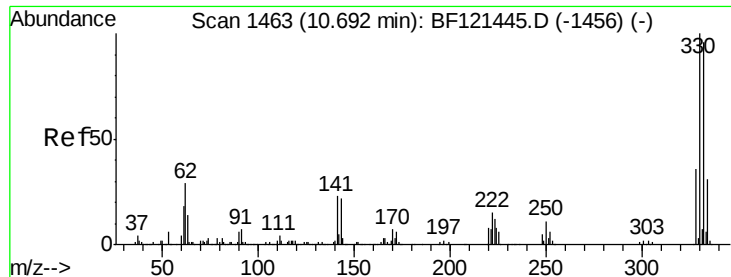
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF121465.D
 Acq: 28 Aug 2020 17:58

Tgt Ion:164 Resp: 596925
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.4 123.6
 160 46.7 37.6 56.4



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

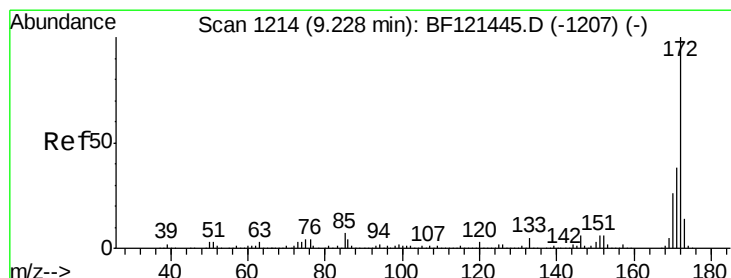
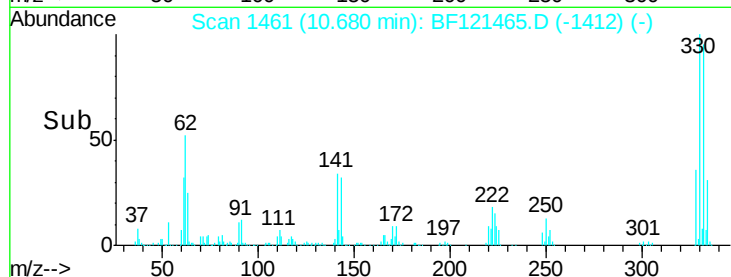
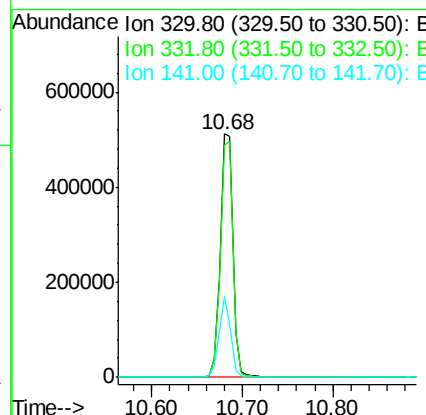
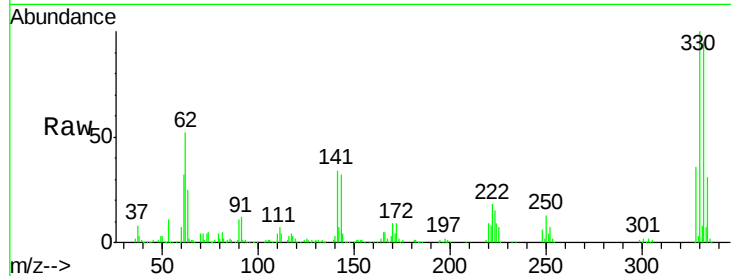




#42
 2,4,6-Tribromophenol
 Concen: 81.612 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF121465.D
 Acq: 28 Aug 2020 17:58

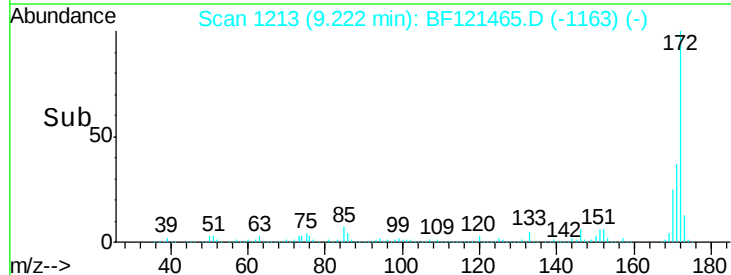
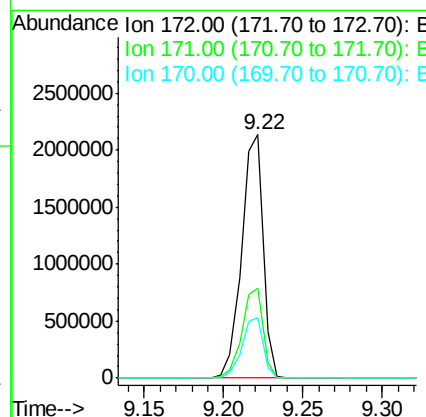
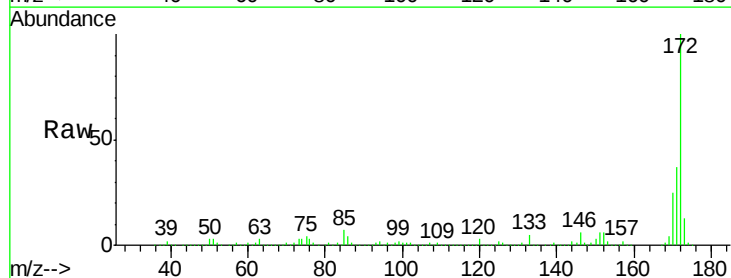
Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP11-2430-01

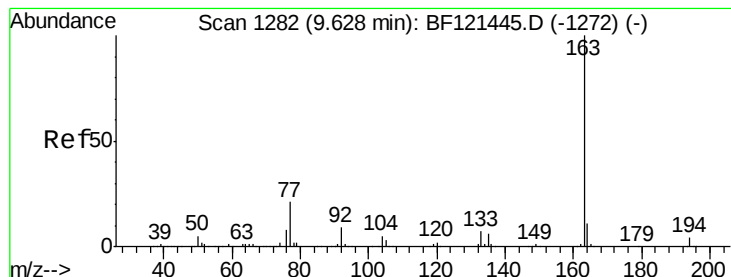
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.2
141	30.9	24.6	36.8



#45
 2-Fluorobiphenyl
 Concen: 54.207 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121465.D
 Acq: 28 Aug 2020 17:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	25.1	20.6	31.0





#50

Dimethylphthalate

Concen: 4.701 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF121465.D

Acq: 28 Aug 2020 17:58

Instrument :

BNA_F

ClientSampleId :

789UMR-TP11-2430-01

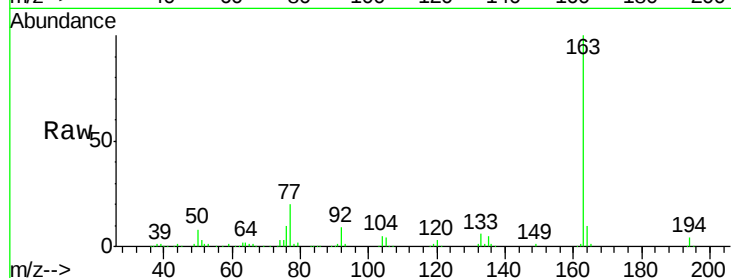
Tot Ion:163 Resp: 192772

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

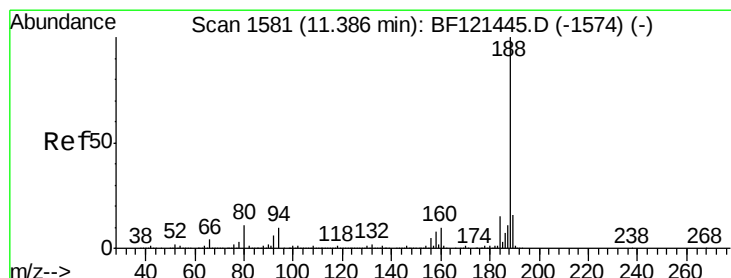
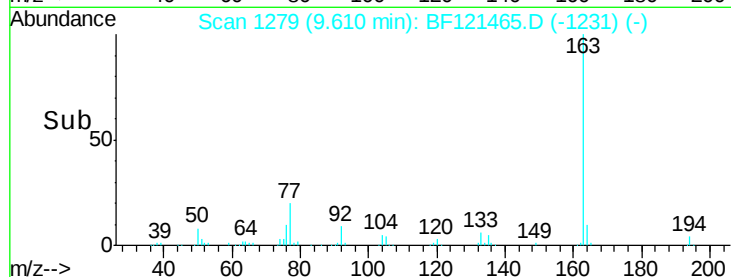
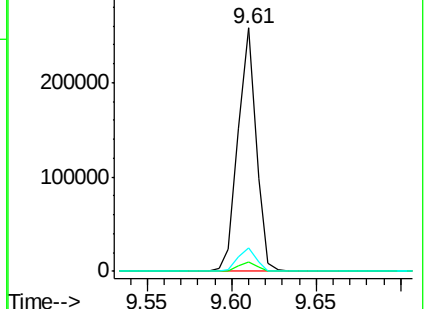
164 9.6 8.6 12.8



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF121465.D

Acq: 28 Aug 2020 17:58

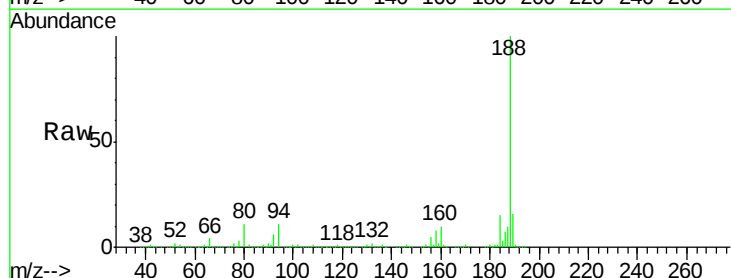
Tgt Ion:188 Resp: 1126192

Ion Ratio Lower Upper

188 100

94 10.9 8.3 12.5

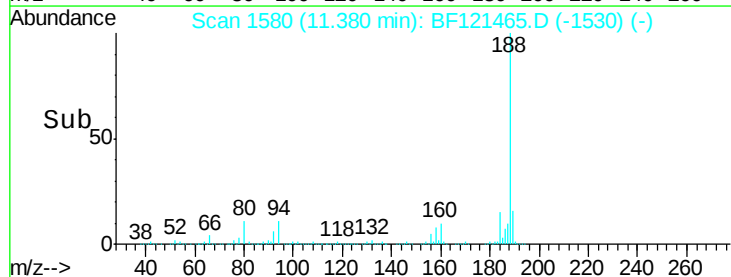
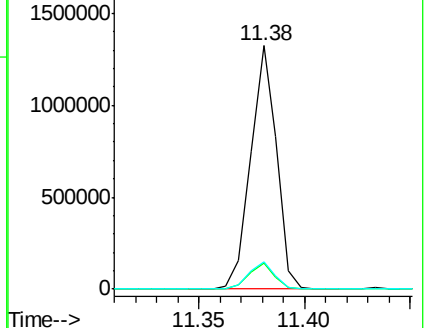
80 11.5 8.6 13.0

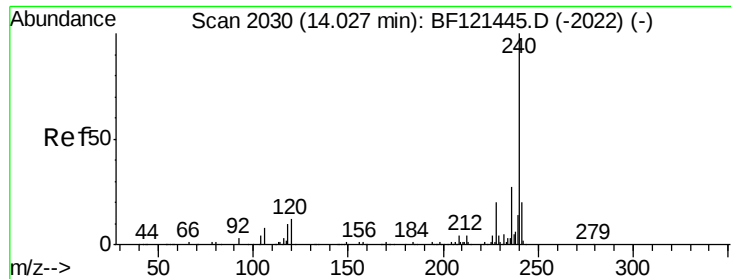


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

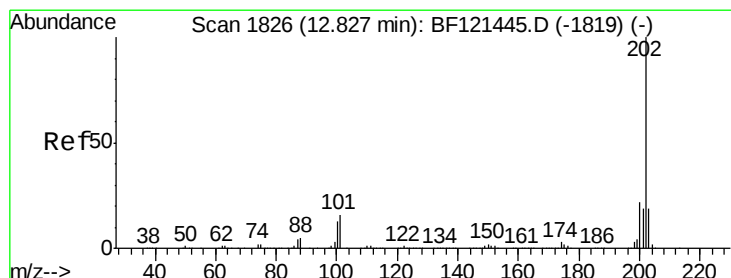
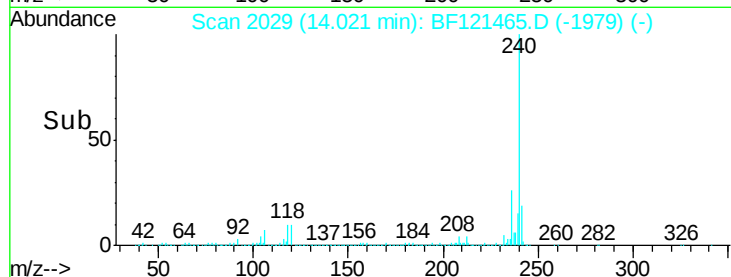
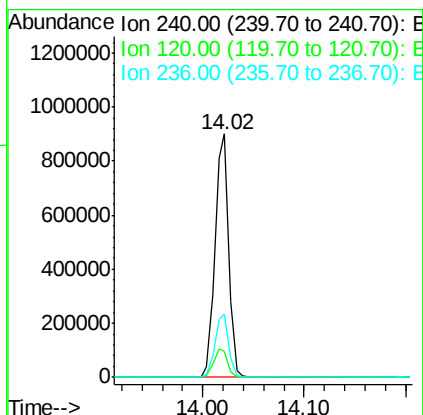
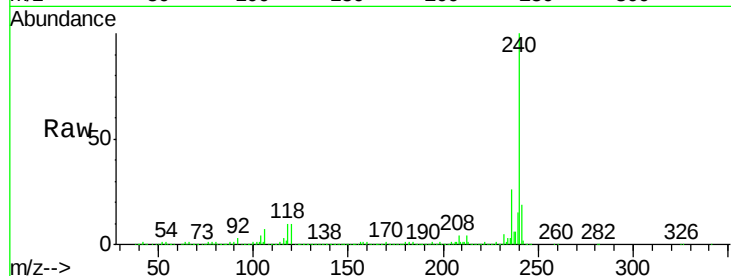




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121465.D
Acq: 28 Aug 2020 17:58

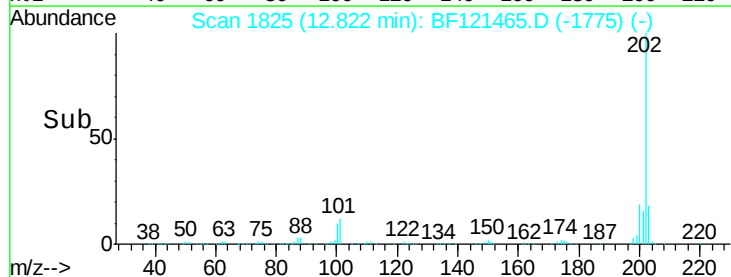
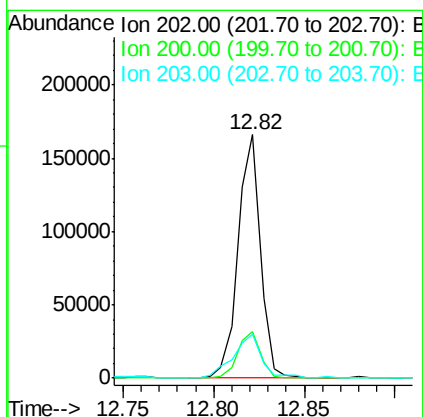
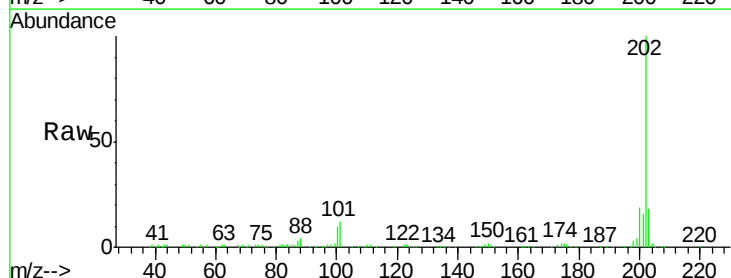
Instrument :
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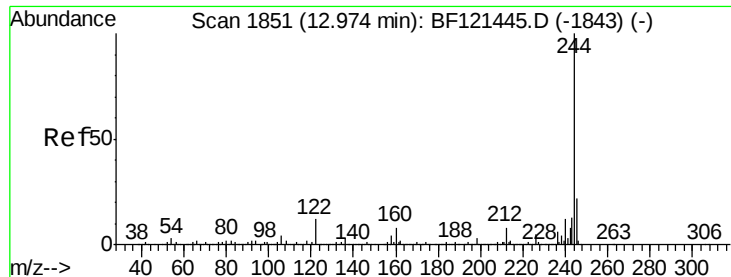
Tot Ion:240 Resp: 840142
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 26.0 21.8 32.6



#78
Pyrene
Concen: 2.394 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF121465.D
Acq: 28 Aug 2020 17:58

Tgt Ion:202 Resp: 143637
Ion Ratio Lower Upper
202 100
200 19.1 18.0 27.0
203 18.1 15.3 22.9





#79

Terphenyl-d14

Concen: 52.637 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF121465.D

Acq: 28 Aug 2020 17:58

Instrument :

BNA_F

ClientSampleId :

789UMR-TP11-2430-01

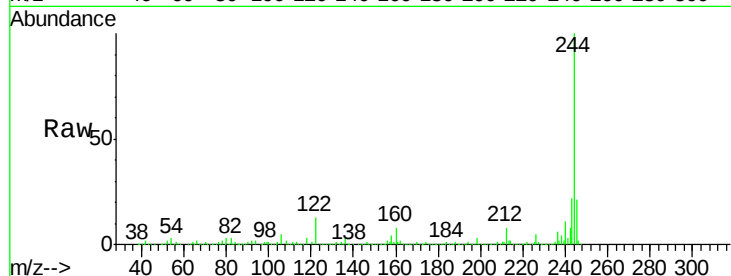
Tot Ion:244 Resp: 2100866

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

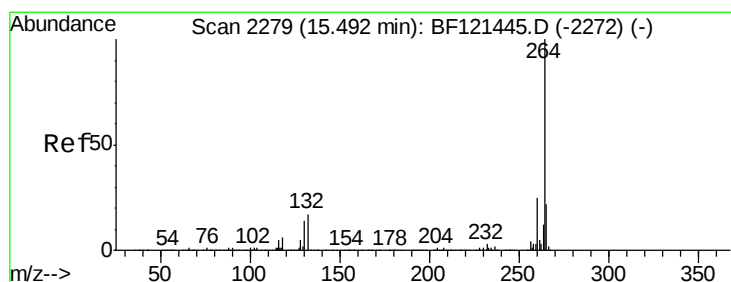
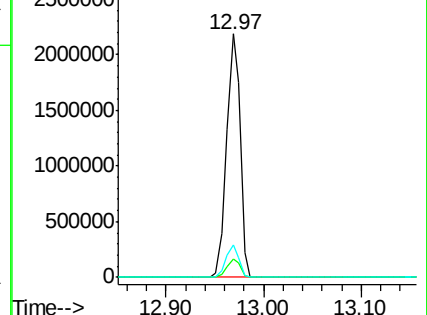
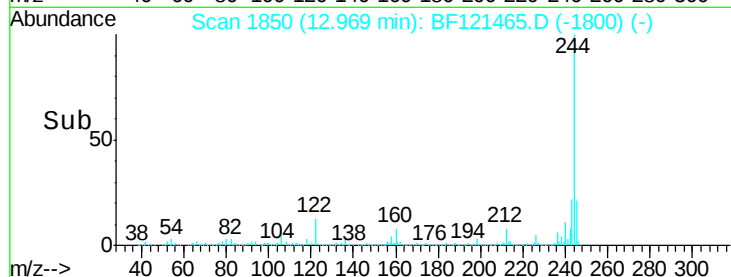
122 13.2 9.5 14.3



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: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF121465.D

Acq: 28 Aug 2020 17:58

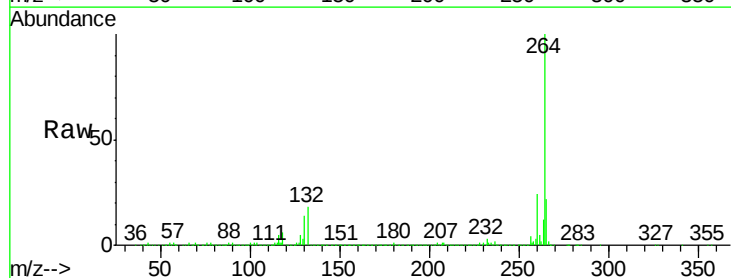
Tgt Ion:264 Resp: 732036

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 21.8 17.8 26.6



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

