

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
 Data File : BP002606.D
 Acq On : 01 Jul 2020 16:15
 Operator : CG/JU
 Sample : L3160-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUM

Quant Time: Jul 01 18:27:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

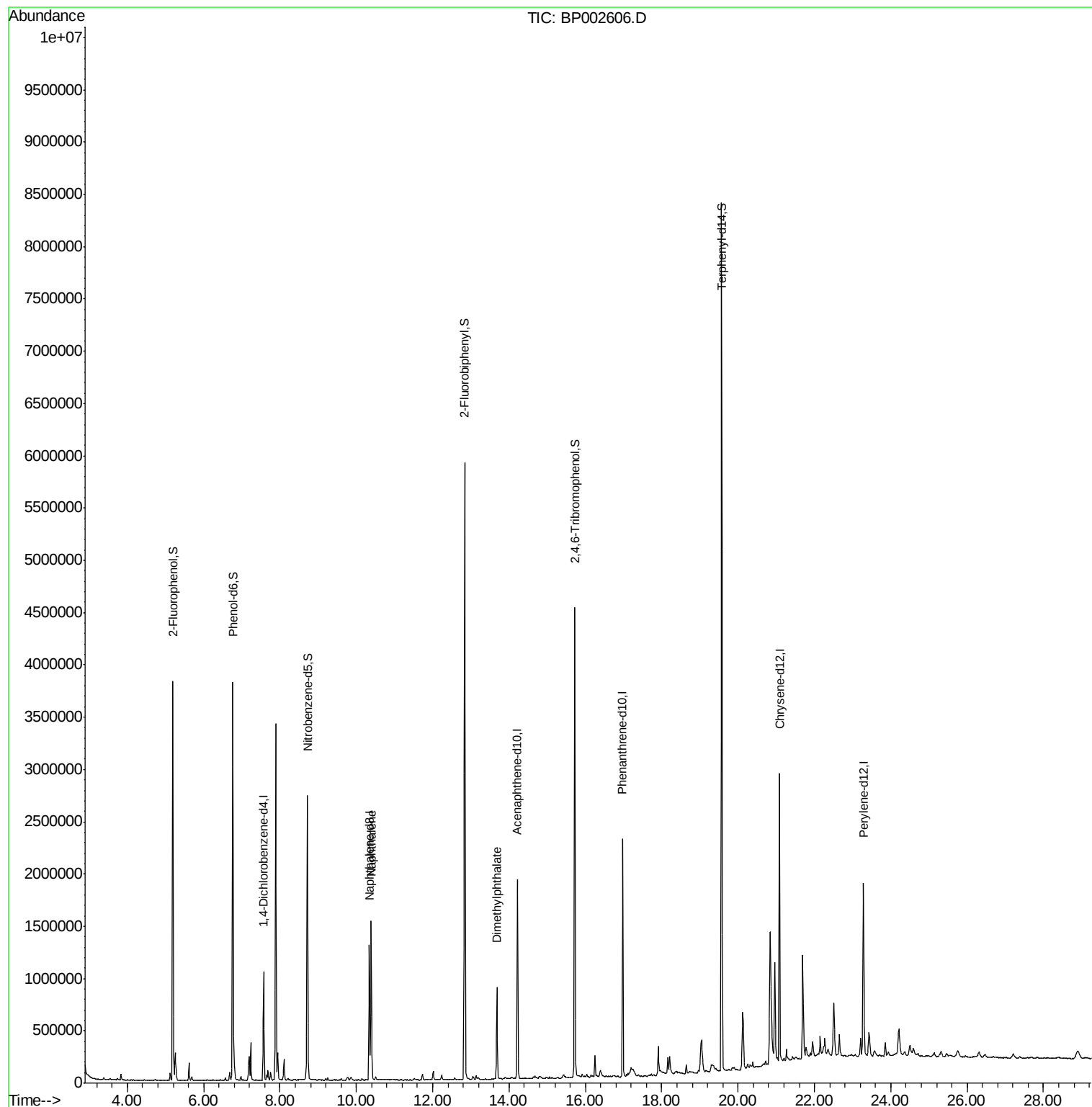
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	268210	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1055985	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	643066	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1362059	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1253052	20.00	ng	0.00
86) Perylene-d12	23.28	264	1137612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1710010	107.95	ng	0.00
7) Phenol-d6	6.76	99	2322838	105.06	ng	0.00
23) Nitrobenzene-d5	8.72	82	1610872	78.60	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	860612	110.03	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3276407	74.99	ng	0.00
79) Terphenyl-d14	19.57	244	4413673	76.03	ng	0.00
Target Compounds						
31) Naphthalene	10.39	128	1226104	21.933	ng	100
50) Dimethylphthalate	13.68	163	561811	11.123	ng	100

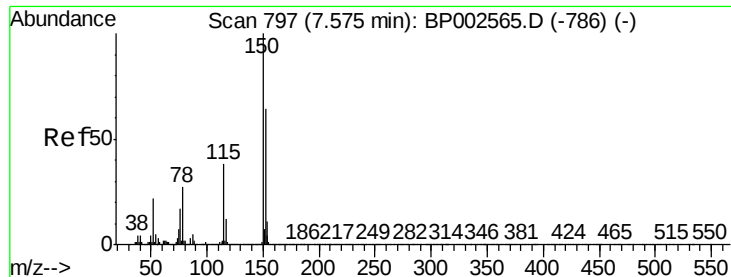
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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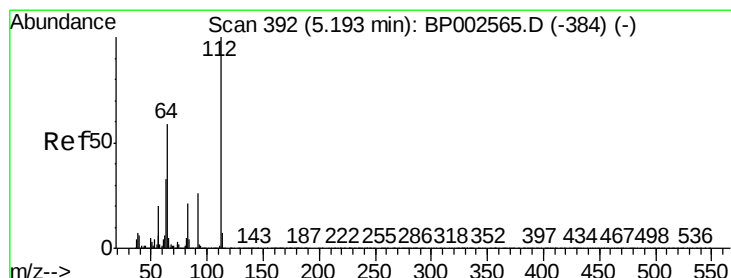
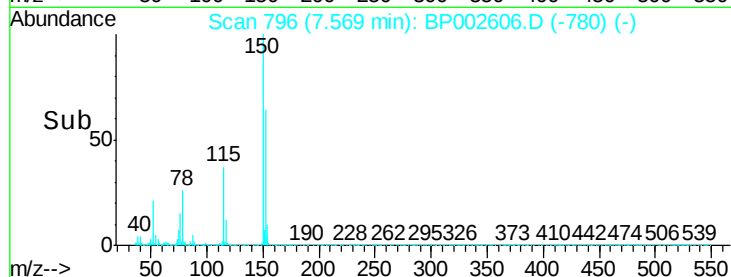
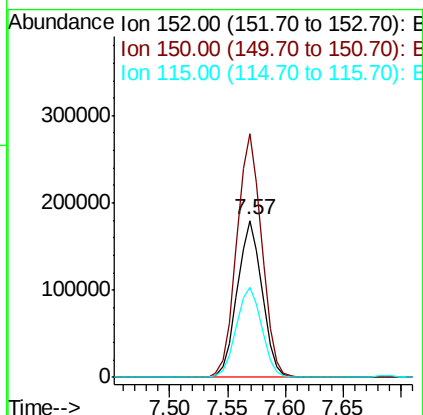
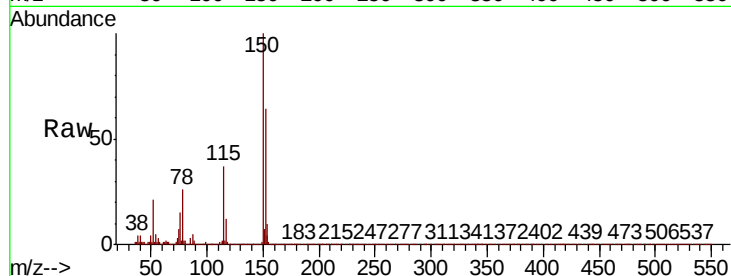


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002606.D
Acq: 01 Jul 2020 16:15

Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUM

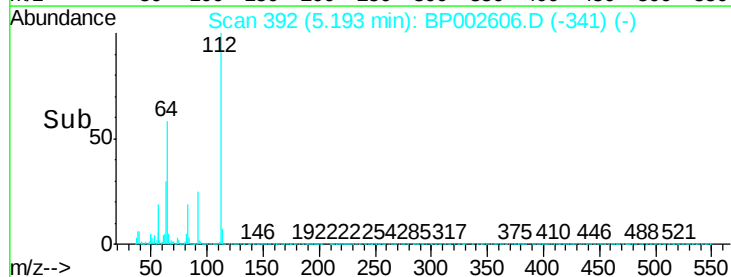
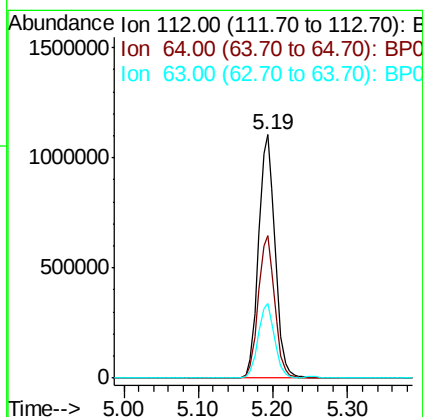
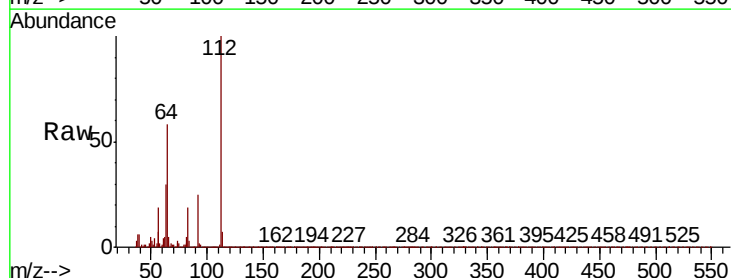
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.2
115	57.4	47.1	70.7

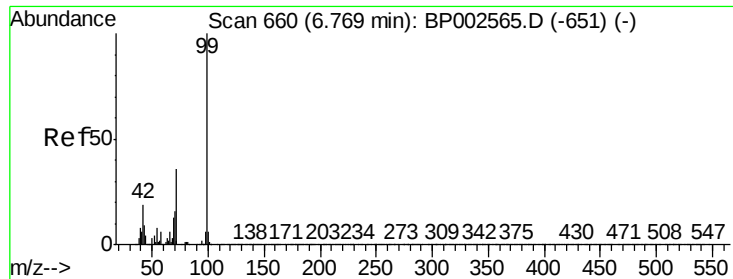


#5

2-Fluorophenol
Concen: 107.947 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002606.D
Acq: 01 Jul 2020 16:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.0	70.6
63	30.4	26.1	39.1





#7

Phenol-d6

Concen: 105.057 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002606.D

Acq: 01 Jul 2020 16:15

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUM

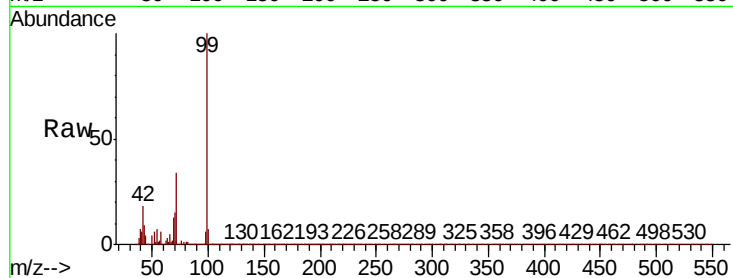
Tot Ion: 99 Resp: 2322838

Ion Ratio Lower Upper

99 100

42 17.9 15.5 23.3

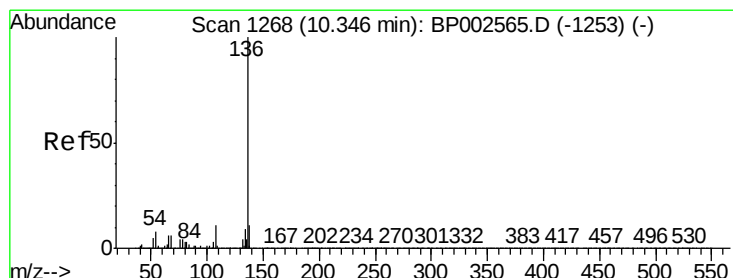
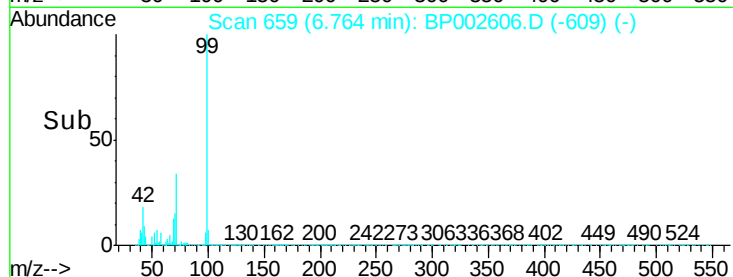
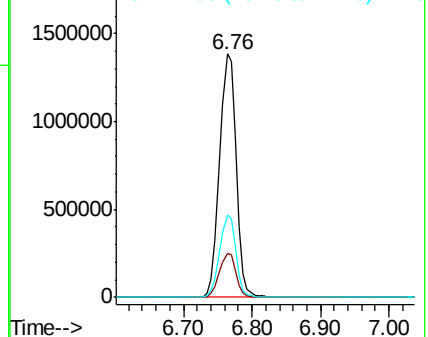
71 33.6 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002606.D

Acq: 01 Jul 2020 16:15

Tgt Ion: 136 Resp: 1055985

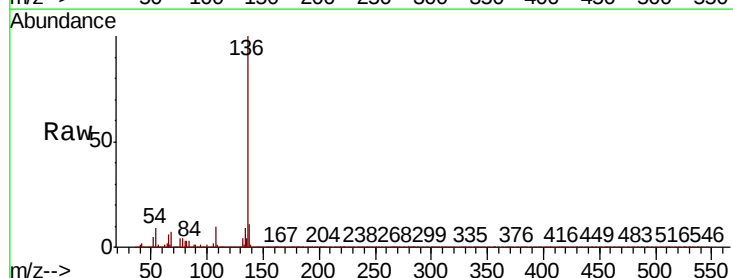
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.5 6.4 9.6

68 7.1 5.1 7.7

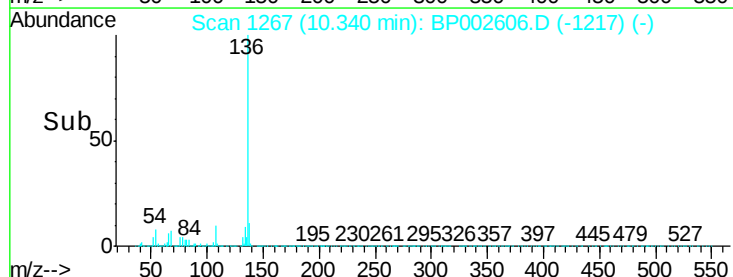
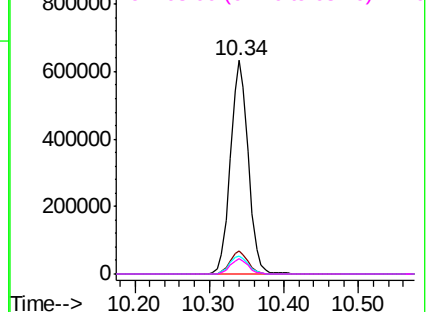


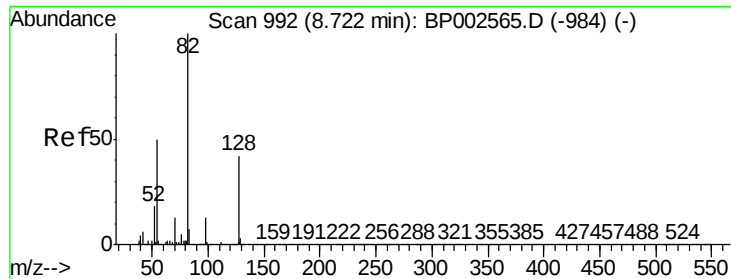
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

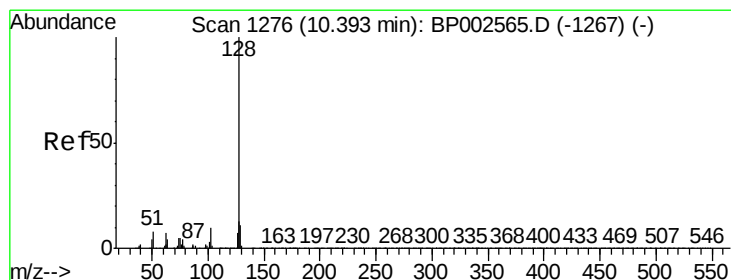
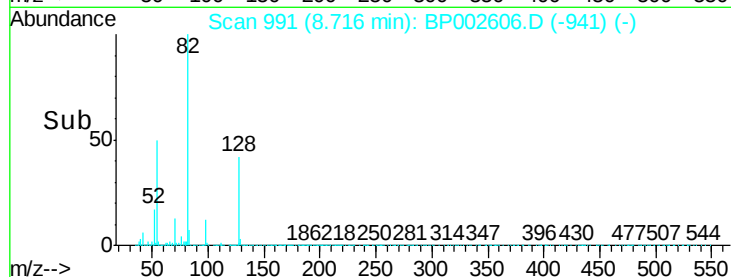
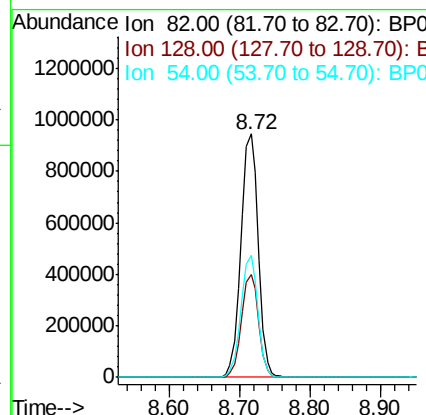
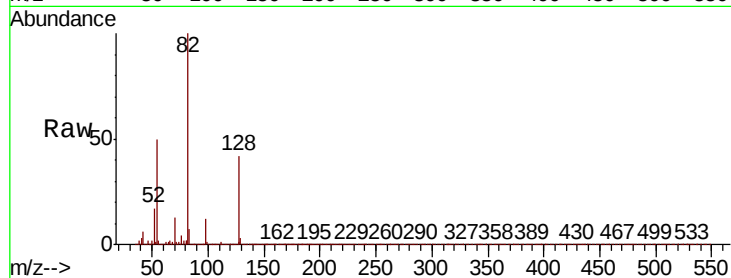




#23
 Nitrobenzene-d5
 Concen: 78.600 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002606.D
 Acq: 01 Jul 2020 16:15

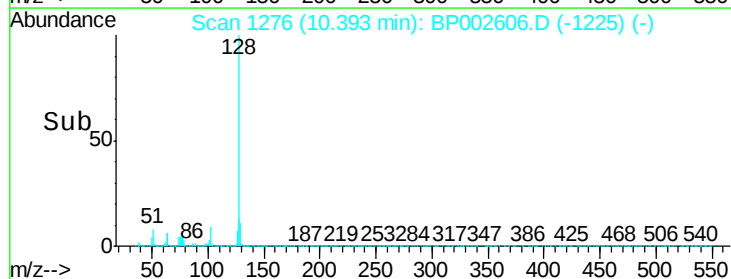
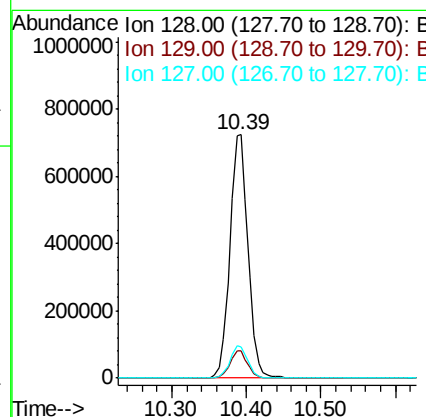
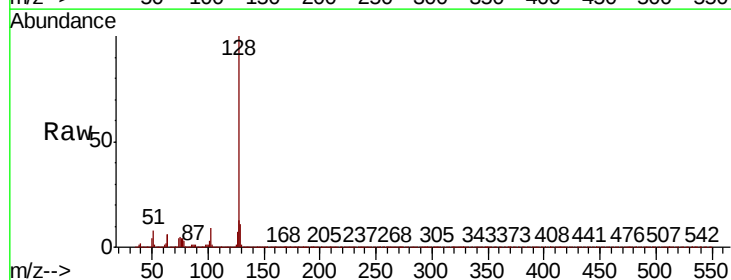
Instrument :
 BNA_P
 ClientSampleId :
 MUDDY-DRUM

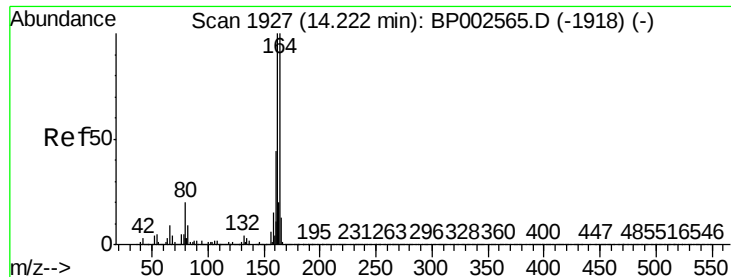
Tot Ion: 82 Resp: 1610872
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.4 50.2
 54 50.2 40.1 60.1



#31
 Naphthalene
 Concen: 21.933 ng
 RT: 10.39 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BP002606.D
 Acq: 01 Jul 2020 16:15

Tgt Ion: 128 Resp: 1226104
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.6 13.0
 127 12.8 10.3 15.5

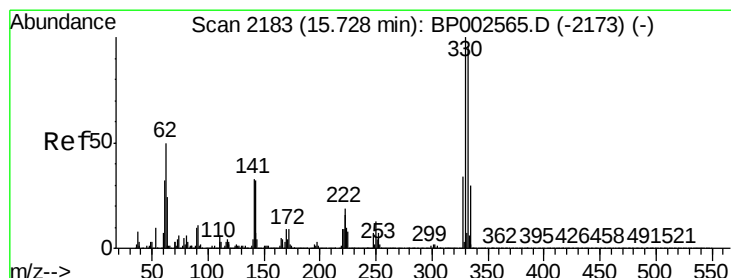
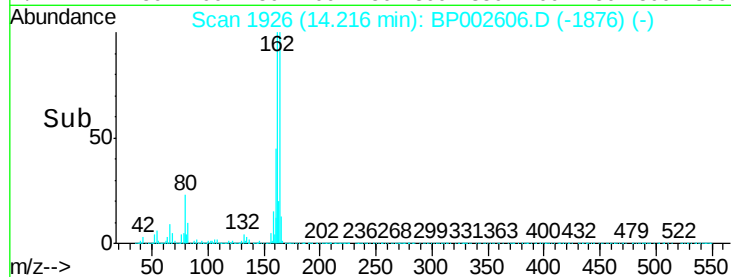
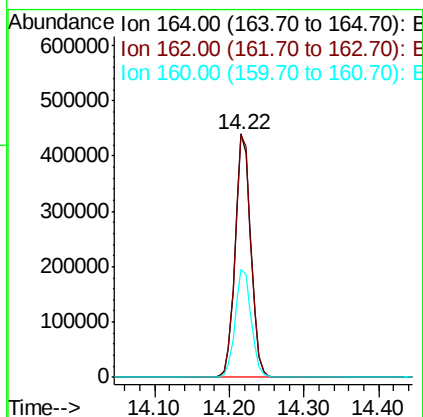
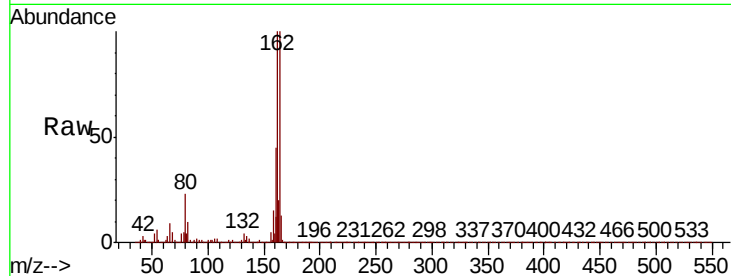




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002606.D
Acq: 01 Jul 2020 16:15

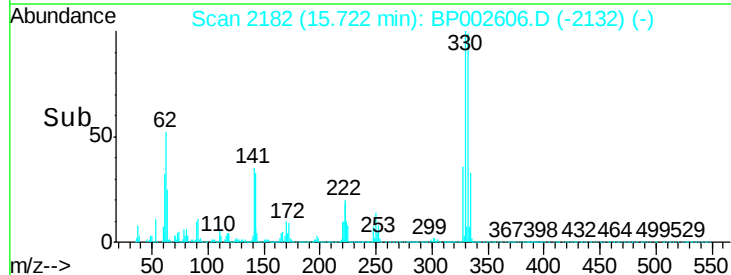
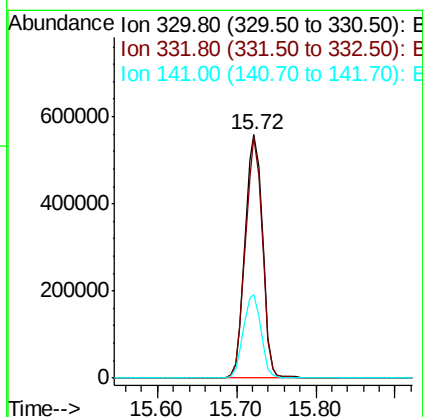
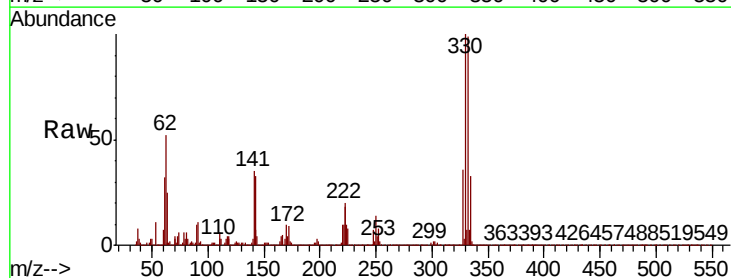
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUM

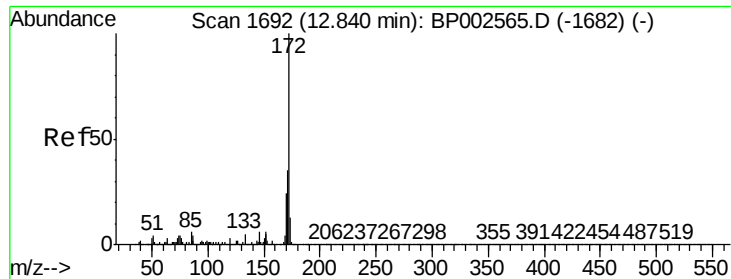
Tot Ion:164 Resp: 643066
Ion Ratio Lower Upper
164 100
162 99.8 80.3 120.5
160 44.5 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 110.032 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002606.D
Acq: 01 Jul 2020 16:15

Tgt Ion:330 Resp: 860612
Ion Ratio Lower Upper
330 100
332 95.6 77.7 116.5
141 34.6 29.0 43.6

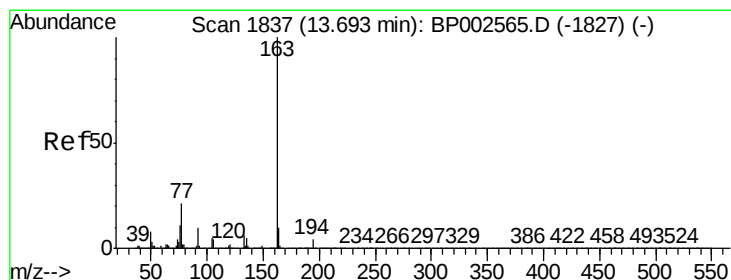
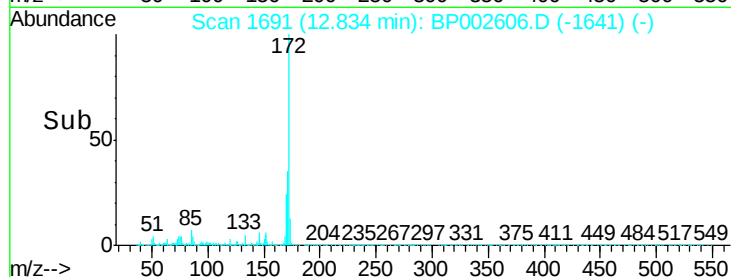
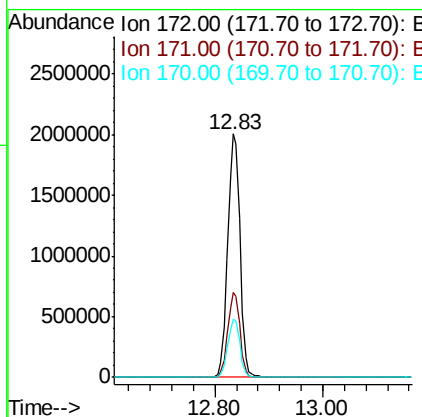
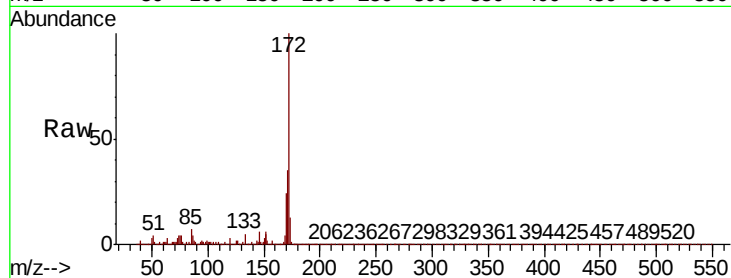




#45
2-Fluorobiphenyl
Concen: 74.990 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002606.D
Acq: 01 Jul 2020 16:15

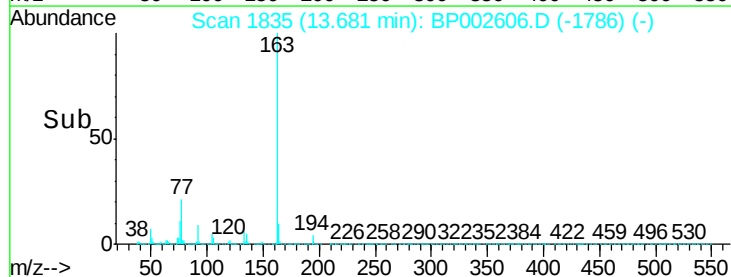
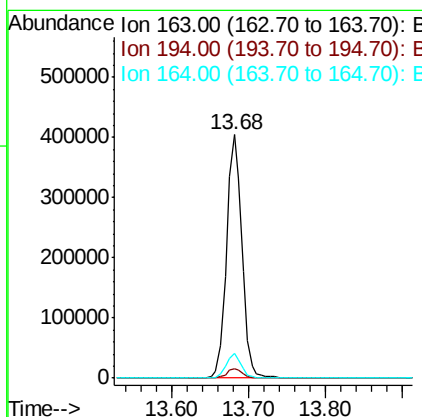
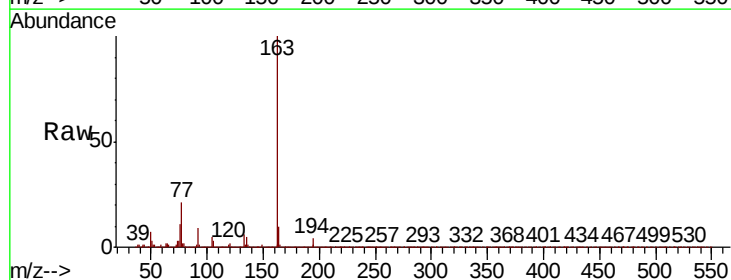
Instrument :
BNA_P
ClientSampleId :
MUDDY-DRUM

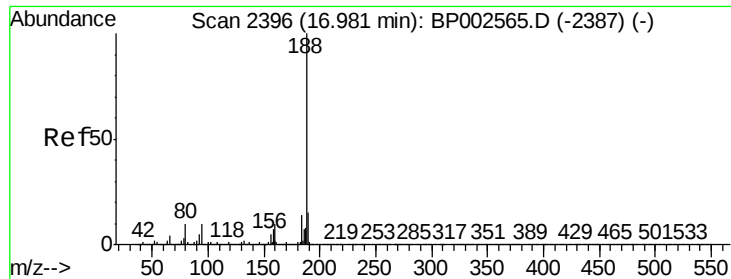
Tot Ion:172 Resp: 3276407
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 24.1 19.0 28.4



#50
Dimethylphthalate
Concen: 11.123 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002606.D
Acq: 01 Jul 2020 16:15

Tgt Ion:163 Resp: 561811
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.3 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002606.D

Acq: 01 Jul 2020 16:15

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUM

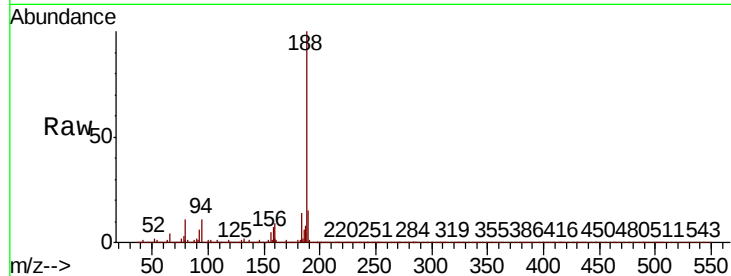
Tot Ion:188 Resp: 1362059

Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.6

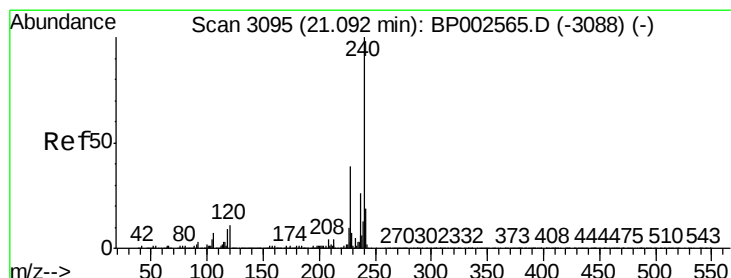
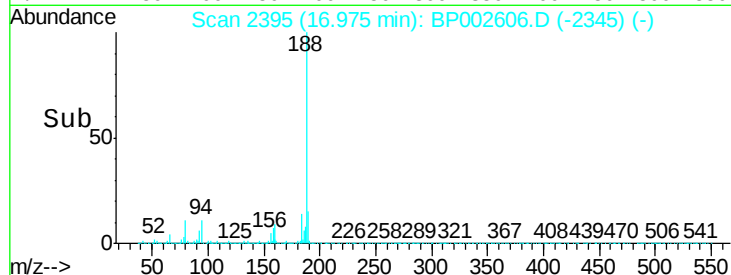
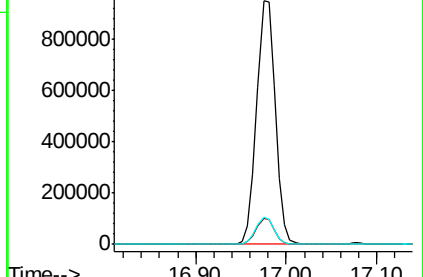
80 11.3 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002606.D

Acq: 01 Jul 2020 16:15

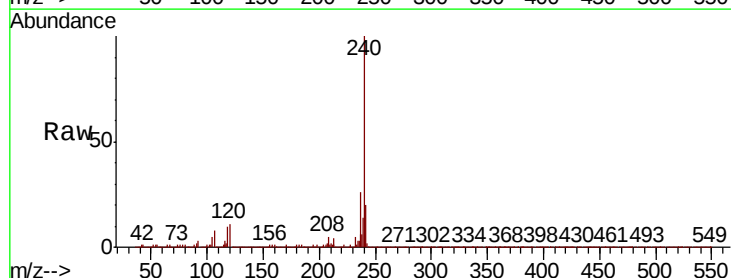
Tgt Ion:240 Resp: 1253052

Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

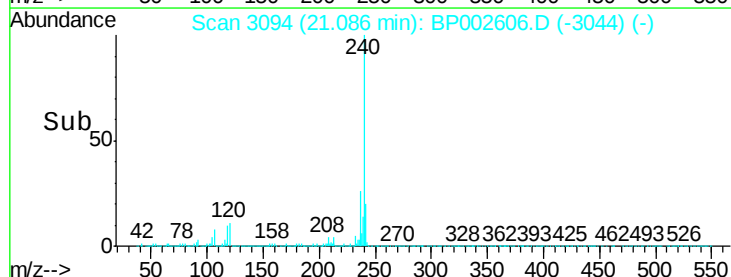
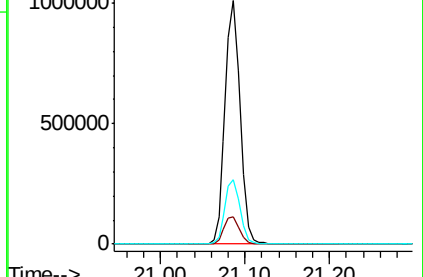
236 26.2 20.8 31.2

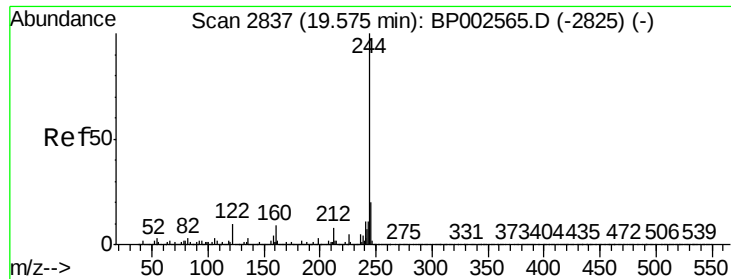


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.029 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002606.D

Acq: 01 Jul 2020 16:15

Instrument :

BNA_P

ClientSampleId :

MUDDY-DRUM

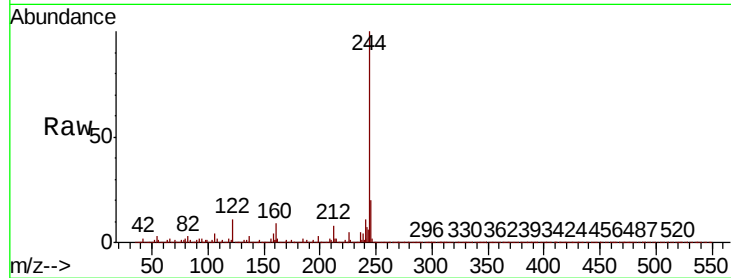
Tot Ion:244 Resp: 4413673

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

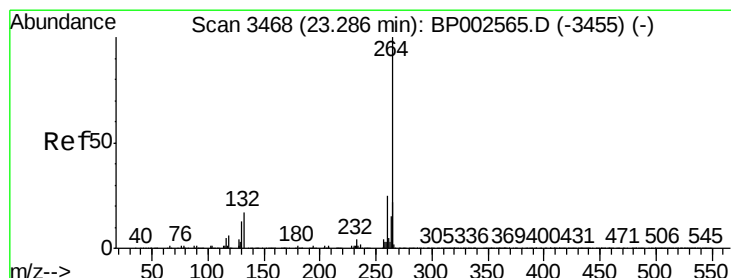
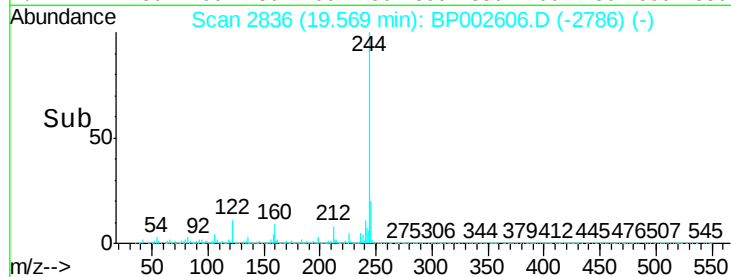
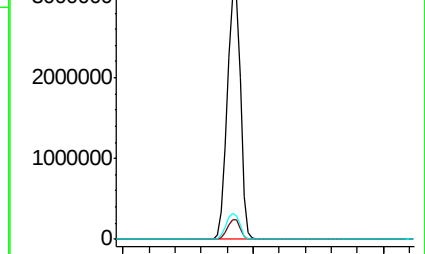
122 10.6 7.9 11.9



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: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002606.D

Acq: 01 Jul 2020 16:15

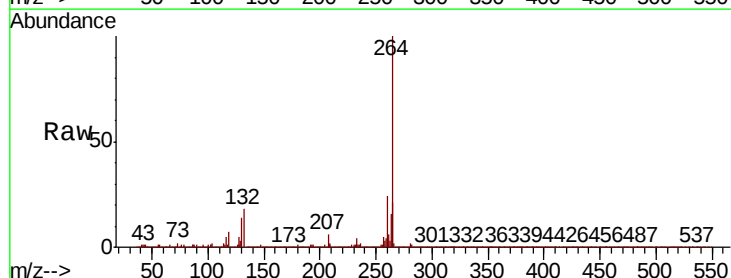
Tgt Ion:264 Resp: 1137612

Ion Ratio Lower Upper

264 100

260 23.6 19.7 29.5

265 21.4 17.6 26.4



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

