

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003270.D
 Acq On : 14 Sep 2020 16:00
 Operator : CG/JU
 Sample : PB131580BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131580BL

Quant Time: Sep 14 17:12:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

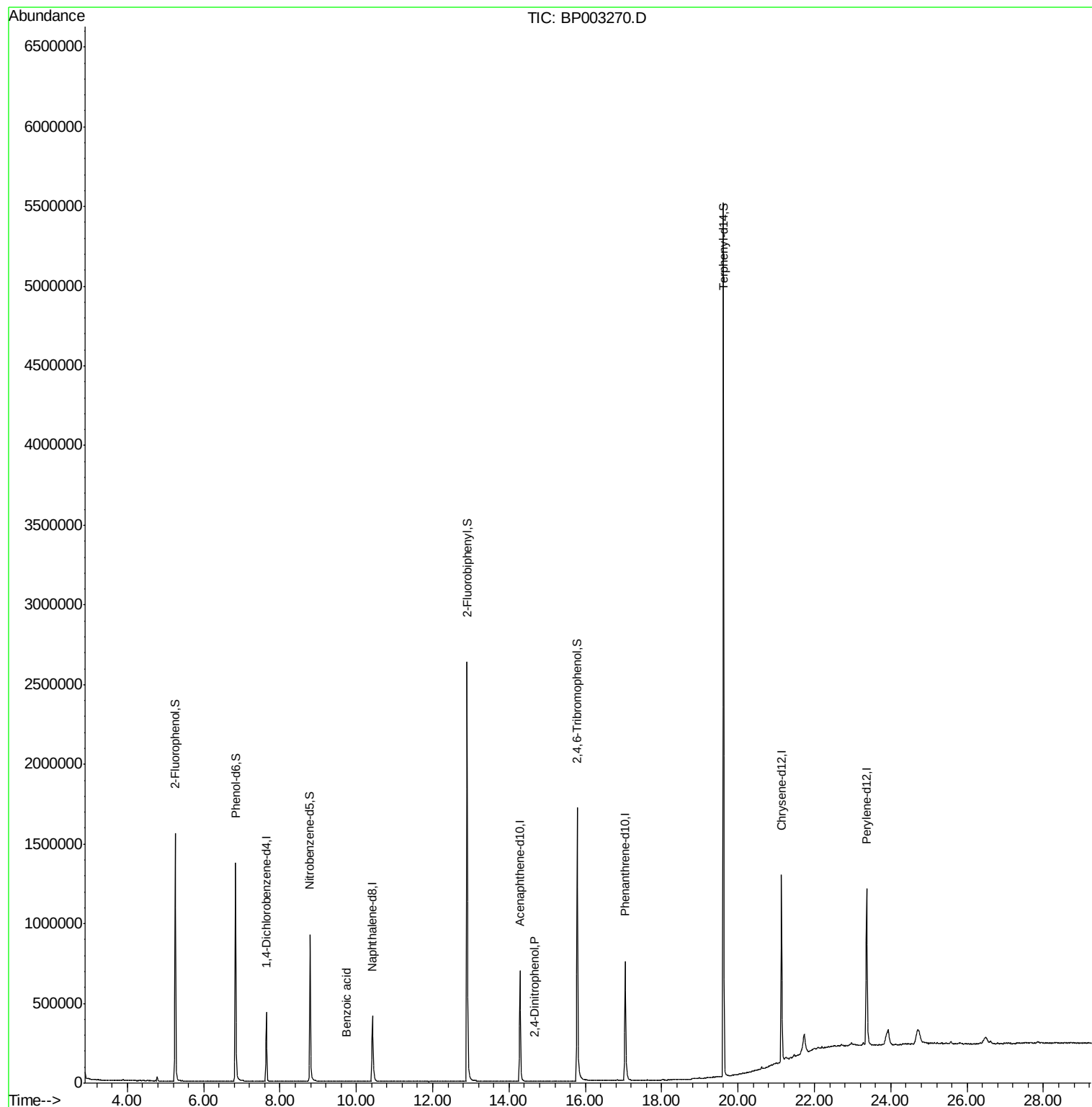
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	133217	20.00	ng	-0.01
21) Naphthalene-d8	10.42	136	508328	20.00	ng	-0.01
39) Acenaphthene-d10	14.29	164	301629	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	656859	20.00	ng	0.00
76) Chrysene-d12	21.14	240	715363	20.00	ng	0.00
86) Perylene-d12	23.37	264	784705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	855411	113.53	ng	0.00
7) Phenol-d6	6.83	99	1011287	107.07	ng	0.00
23) Nitrobenzene-d5	8.79	82	611808	86.77	ng	-0.01
42) 2,4,6-Tribromophenol	15.79	330	479285	117.49	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	1685066	81.81	ng	-0.01
79) Terphenyl-d14	19.62	244	2537591	78.06	ng	0.00
Target Compounds						
32) Benzoic acid	9.75	122	9	8.998	ng	Qvalue # 1
54) 2,4-Dinitrophenol	14.67	184	36	7.767	ng	95

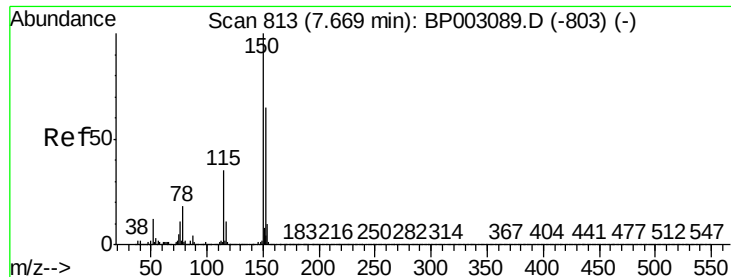
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.64 min Scan# 808

Delta R.T. -0.01 min

Lab File: BP003270.D

Acq: 14 Sep 2020 16:00

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BNA_P

ClientSampleId :

PB131580BL

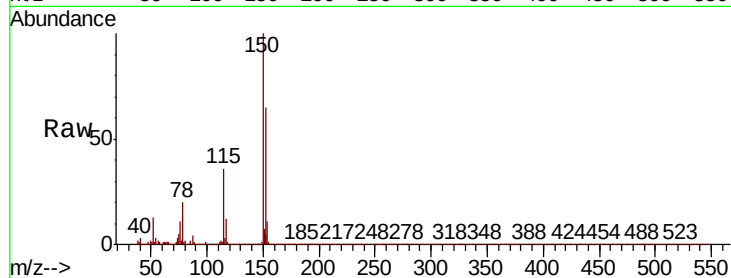
Tot Ion:152 Resp: 133217

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

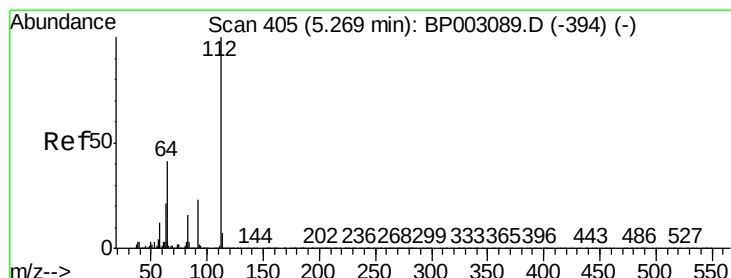
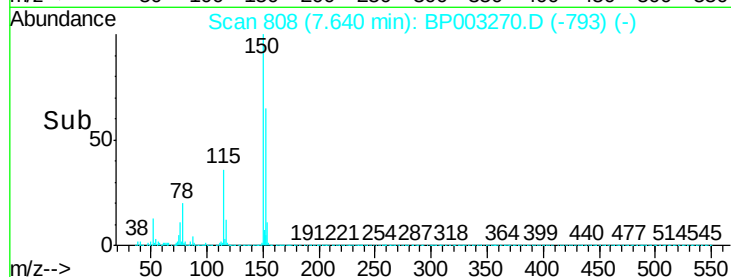
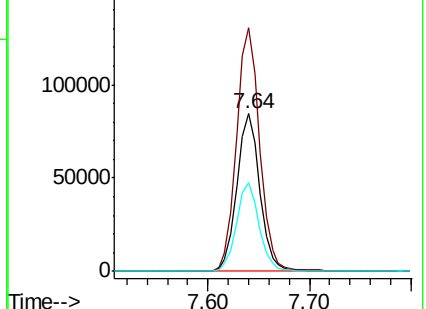
115 56.0 43.8 65.6



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: 113.528 ng

RT: 5.26 min Scan# 403

Delta R.T. -0.01 min

Lab File: BP003270.D

Acq: 14 Sep 2020 16:00

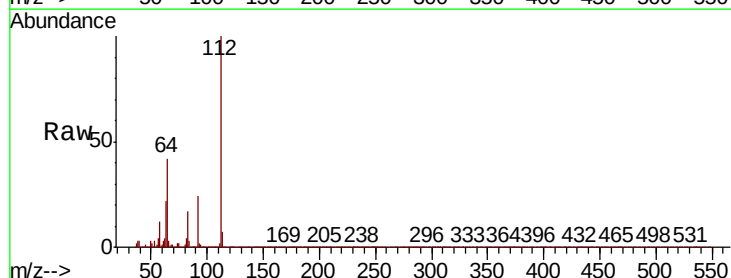
Tgt Ion:112 Resp: 855411

Ion Ratio Lower Upper

112 100

64 41.8 32.8 49.2

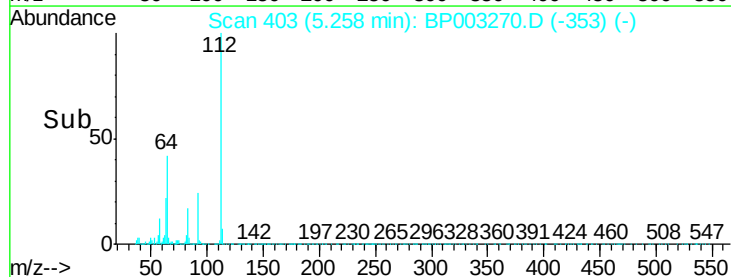
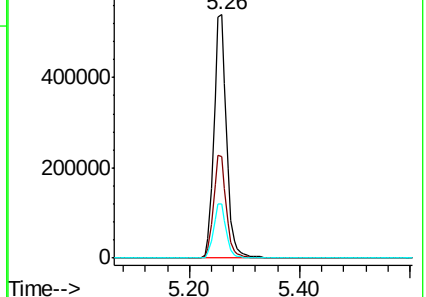
63 22.2 17.0 25.4

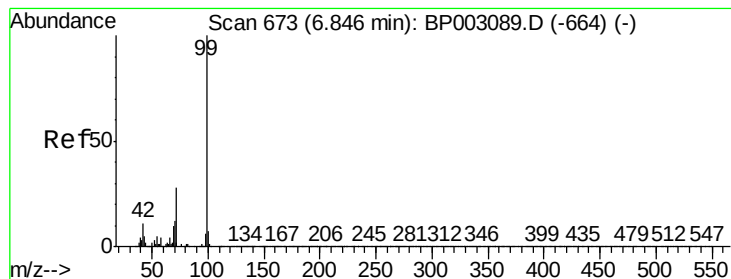


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 107.067 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003270.D

Acq: 14 Sep 2020 16:00

Instrument :

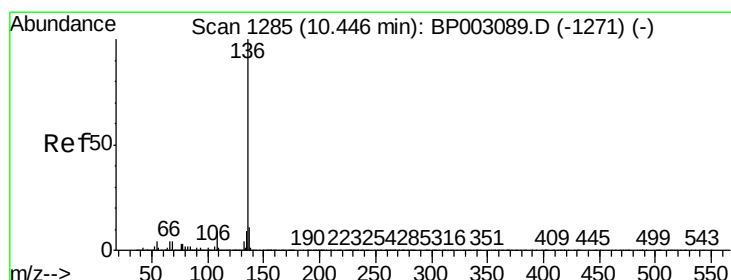
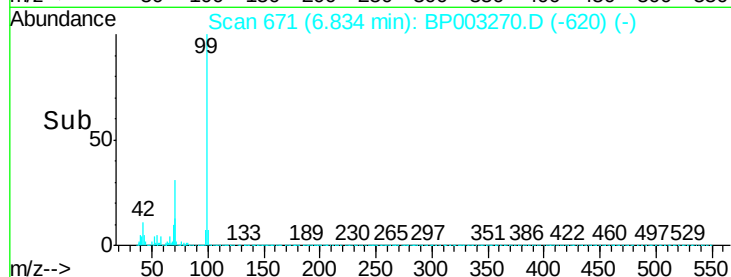
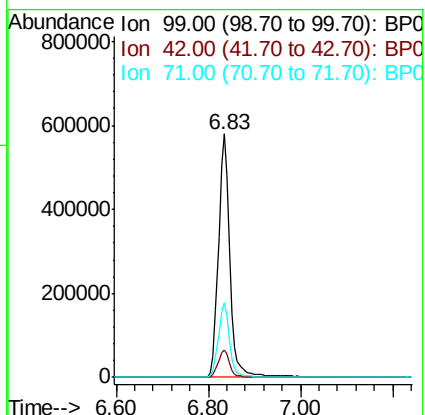
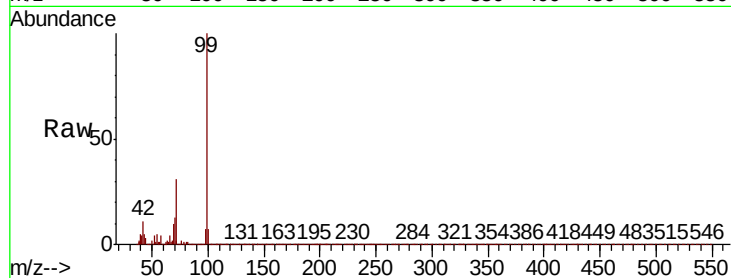
BNA_P

ClientSampleId :

PB131580BL

Tot Ion: 99 Resp: 1011287

Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.6	13.0
71	30.7	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1281

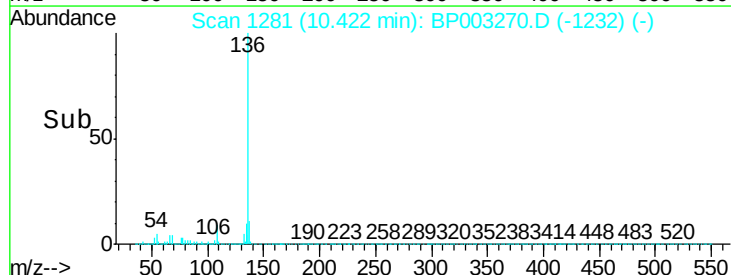
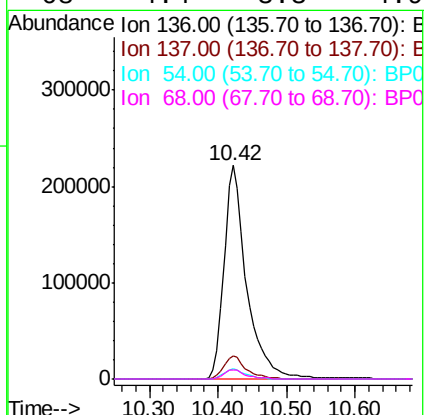
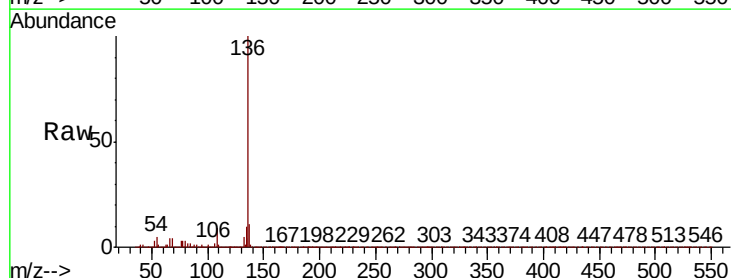
Delta R.T. -0.01 min

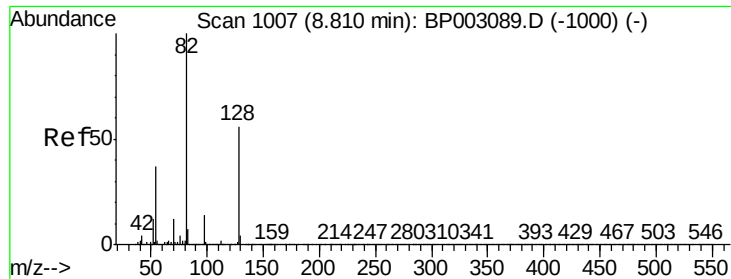
Lab File: BP003270.D

Acq: 14 Sep 2020 16:00

Tgt Ion: 136 Resp: 508328

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	4.8	3.6	5.4
68	4.4	3.3	4.9

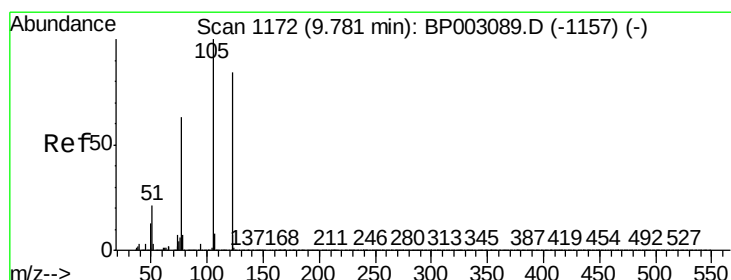
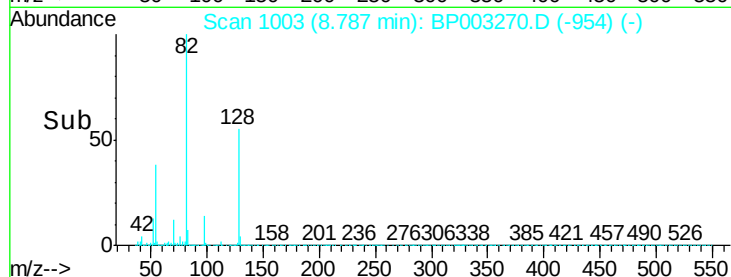
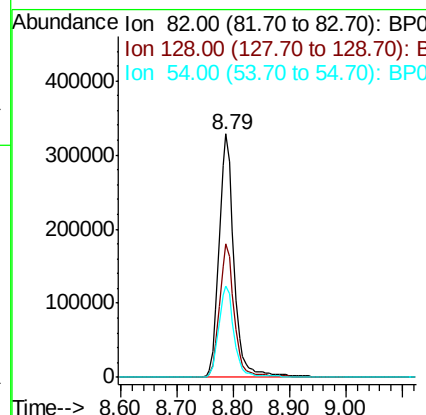
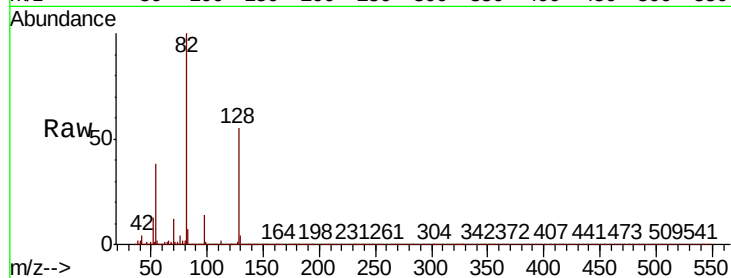




#23
 Nitrobenzene-d5
 Concen: 86.766 ng
 RT: 8.79 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BP003270.D
 Acq: 14 Sep 2020 16:00

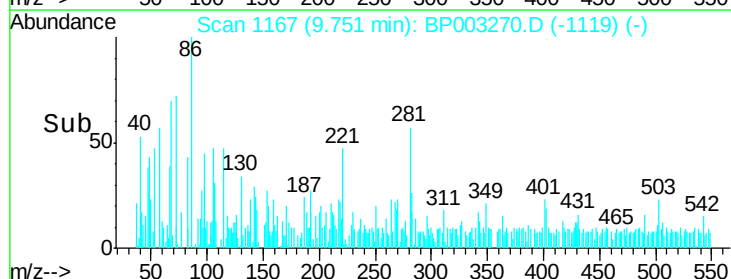
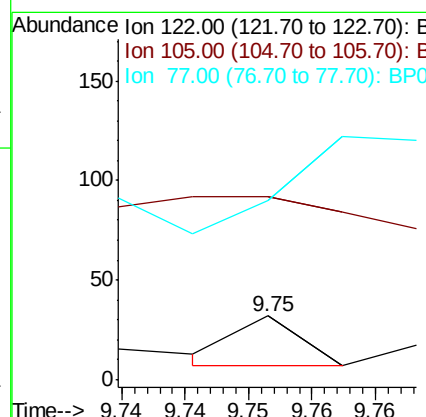
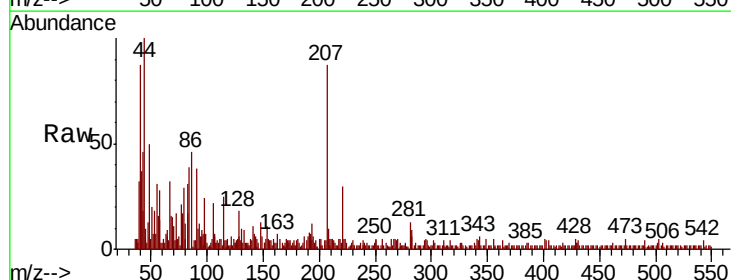
Instrument :
 BNA_P
 ClientSampleId :
 PB131580BL

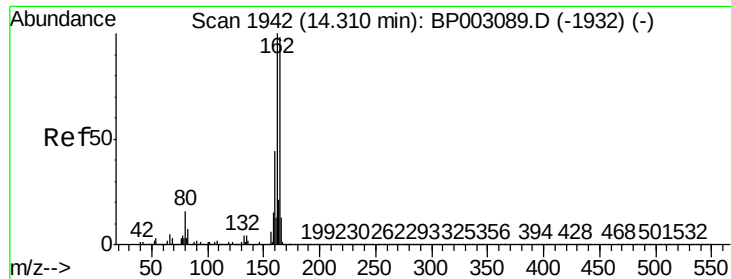
Tot Ion: 82 Resp: 611808
 Ion Ratio Lower Upper
 82 100
 128 54.7 45.6 68.4
 54 37.7 30.1 45.1



#32
 Benzoic acid
 Concen: 8.998 ng
 RT: 9.75 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BP003270.D
 Acq: 14 Sep 2020 16:00

Tgt Ion: 122 Resp: 9
 Ion Ratio Lower Upper
 122 100
 105 287.5 94.1 134.1#
 77 281.3 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BP003270.D

Acq: 14 Sep 2020 16:00

Instrument :

BNA_P

ClientSampleId :

PB131580BL

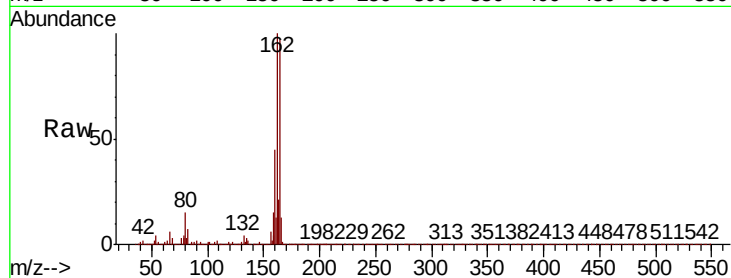
Tot Ion:164 Resp: 301629

Ion Ratio Lower Upper

164 100

162 103.3 79.4 119.2

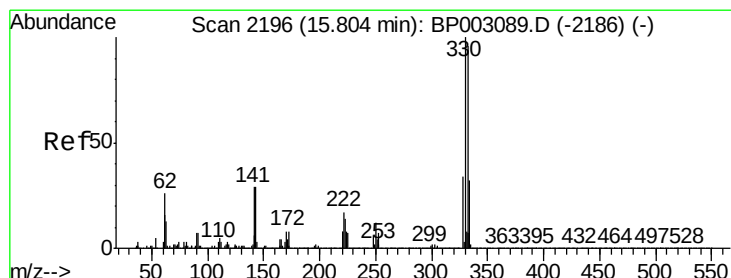
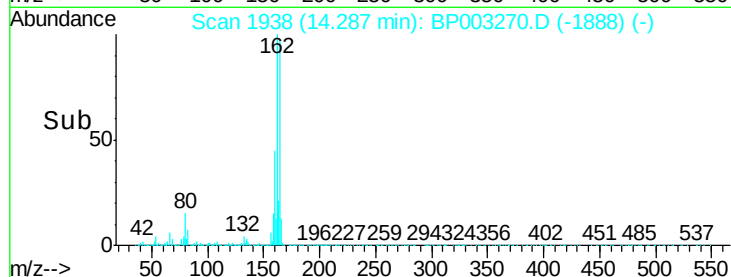
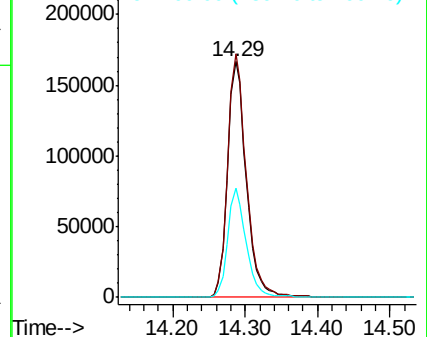
160 46.5 36.1 54.1



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: 117.487 ng

RT: 15.79 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BP003270.D

Acq: 14 Sep 2020 16:00

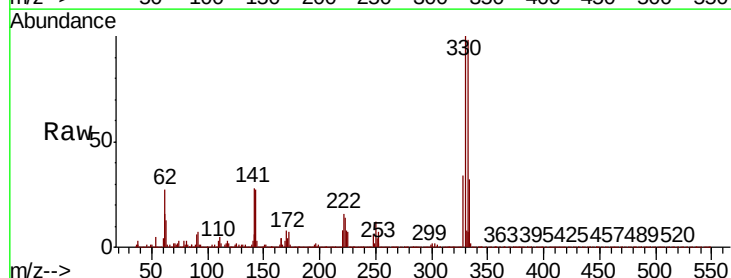
Tgt Ion:330 Resp: 479285

Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

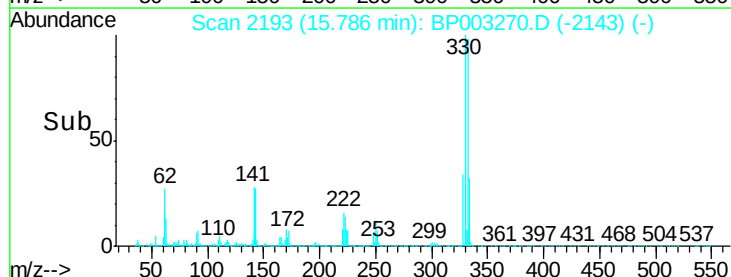
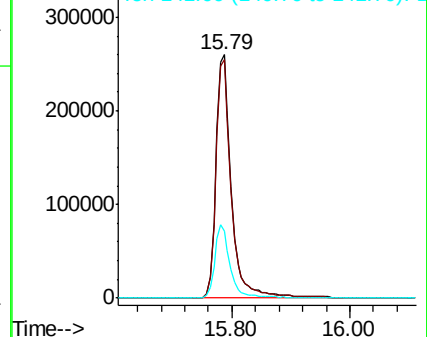
141 30.0 23.4 35.2

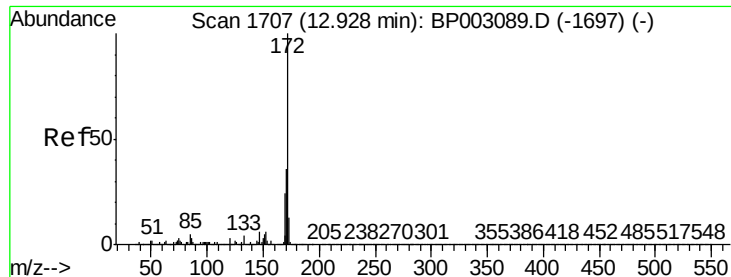


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

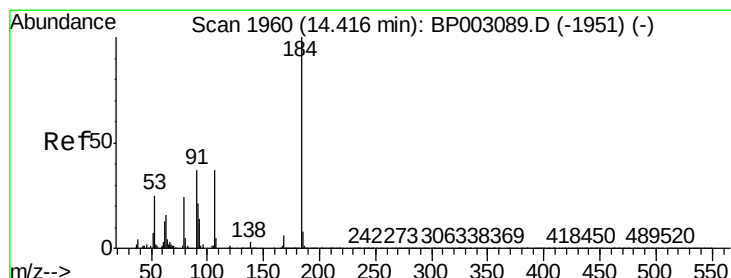
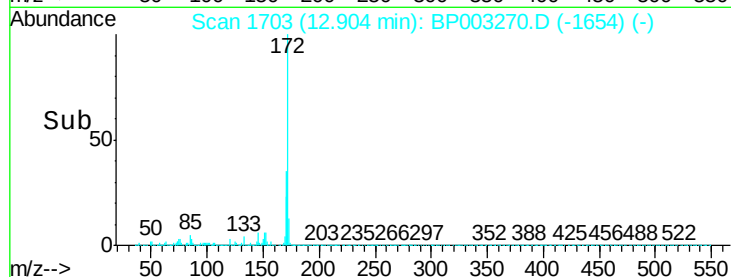
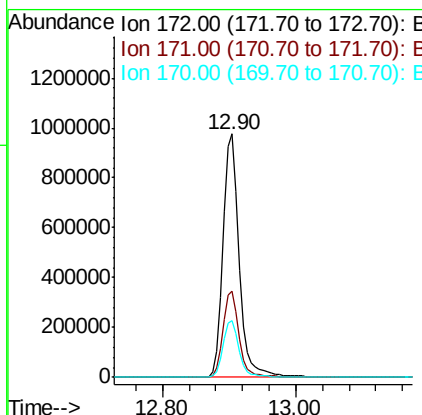
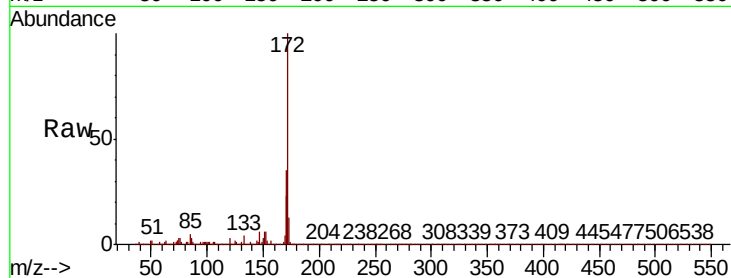




#45
2-Fluorobiphenyl
Concen: 81.812 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BP003270.D
Acq: 14 Sep 2020 16:00

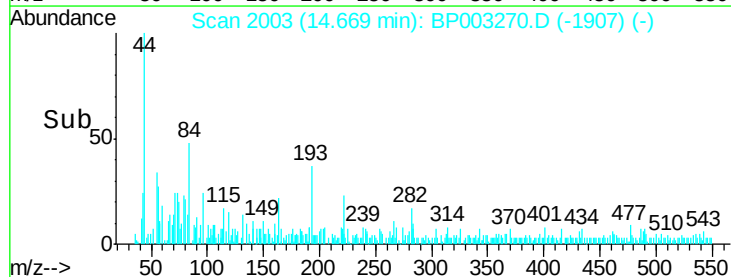
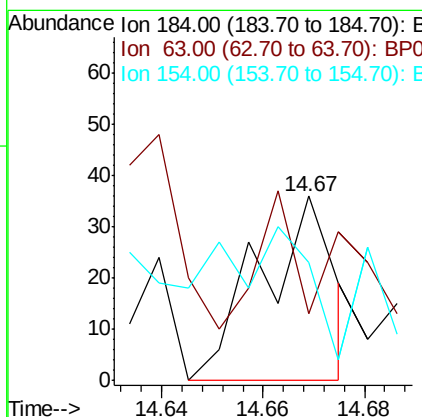
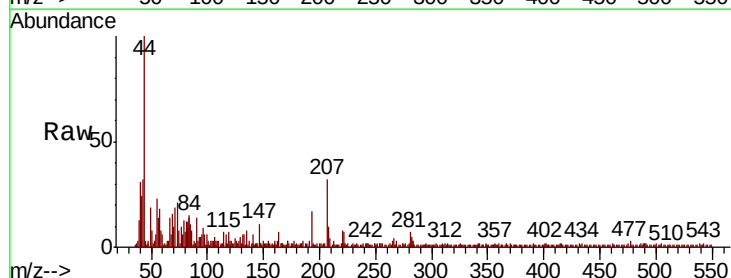
Instrument :
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ClientSampleId :
PB131580BL

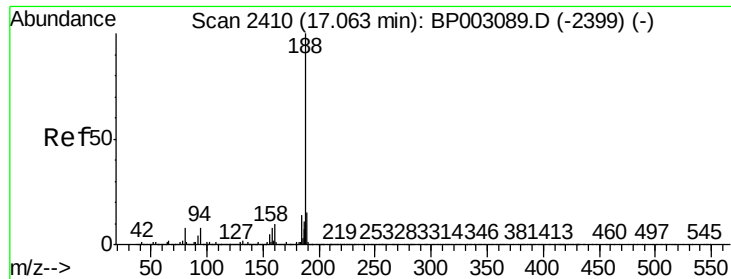
Tot Ion:172 Resp: 1685066
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.3 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.767 ng
RT: 14.67 min Scan# 2003
Delta R.T. 0.26 min
Lab File: BP003270.D
Acq: 14 Sep 2020 16:00

Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 36.1 32.3 48.5
154 63.9 49.1 73.7

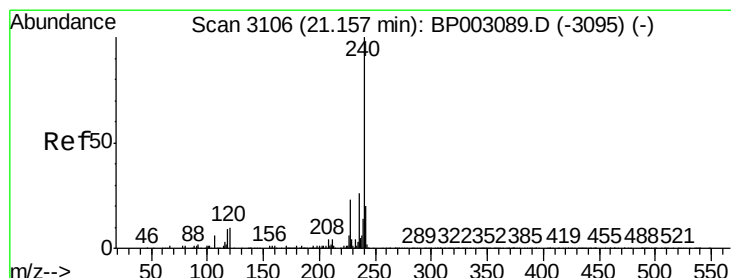
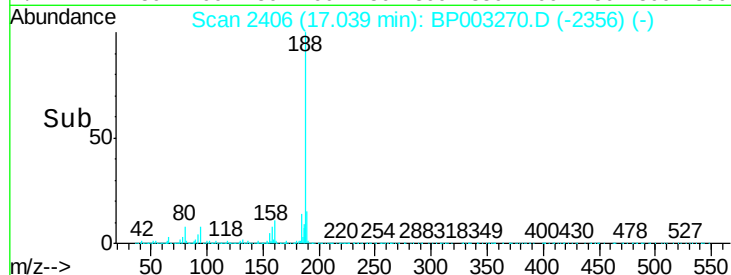
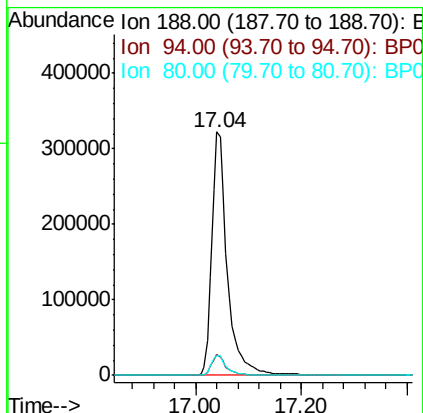
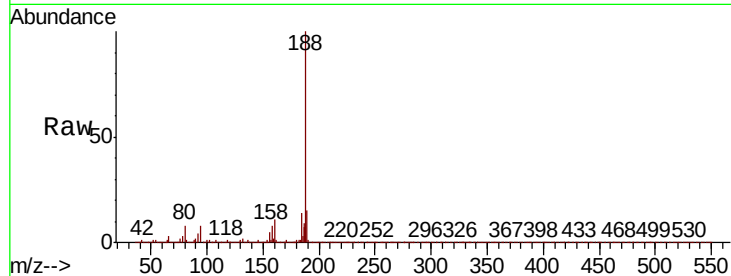




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP003270.D
Acq: 14 Sep 2020 16:00

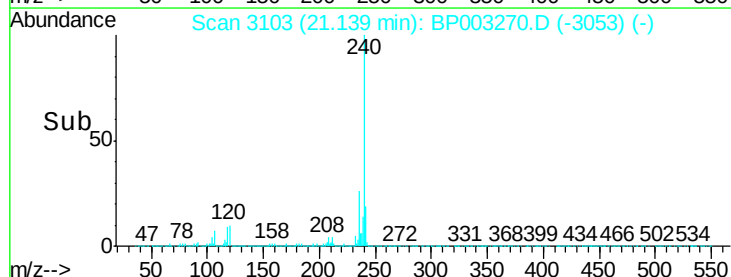
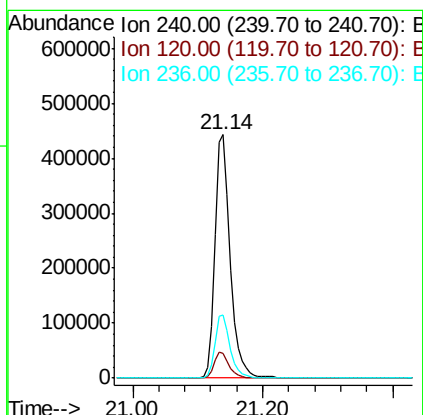
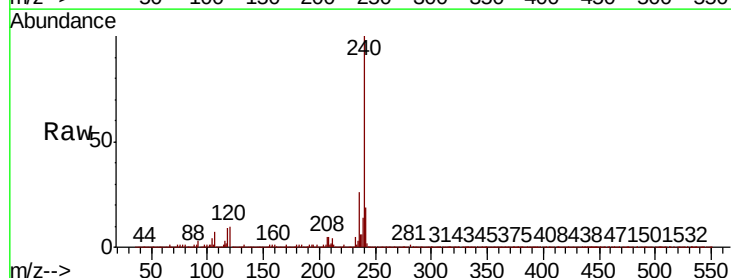
Instrument :
BNA_P
ClientSampleId :
PB131580BL

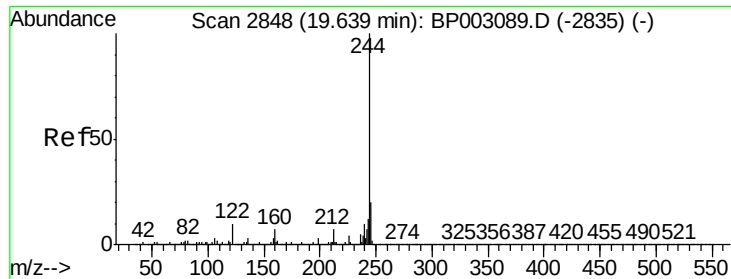
Tot Ion:188 Resp: 656859
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 8.2 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003270.D
Acq: 14 Sep 2020 16:00

Tgt Ion:240 Resp: 715363
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 25.8 20.8 31.2





#79

Terphenyl-d14

Concen: 78.055 ng

RT: 19.62 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BP003270.D

Acq: 14 Sep 2020 16:00

Instrument :

BNA_P

ClientSampled :

PB131580BL

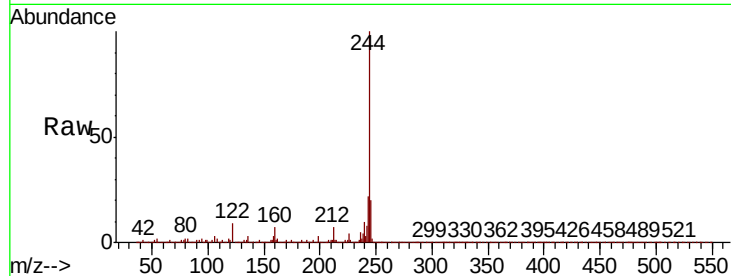
Tot Ion:244 Resp: 2537591

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

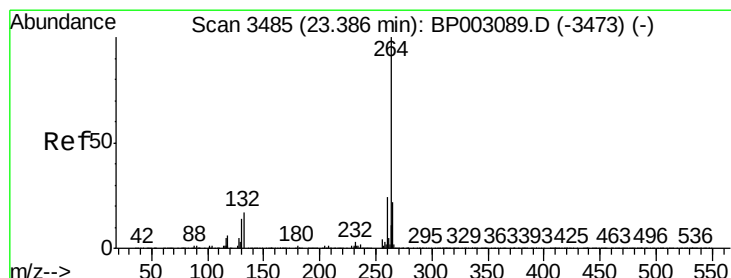
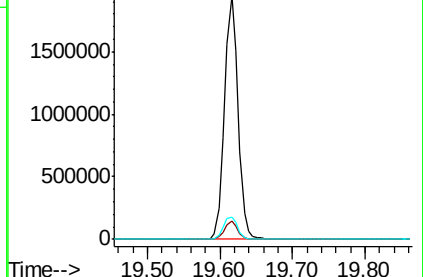
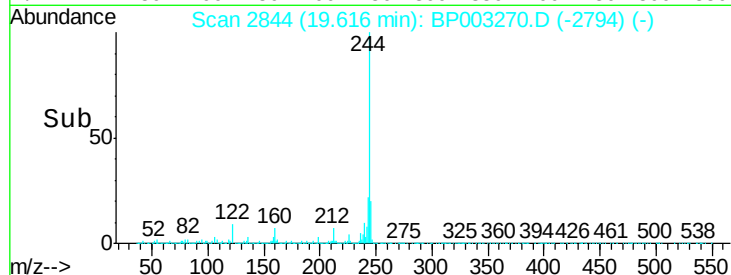
122 9.3 7.8 11.8



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: 23.37 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BP003270.D

Acq: 14 Sep 2020 16:00

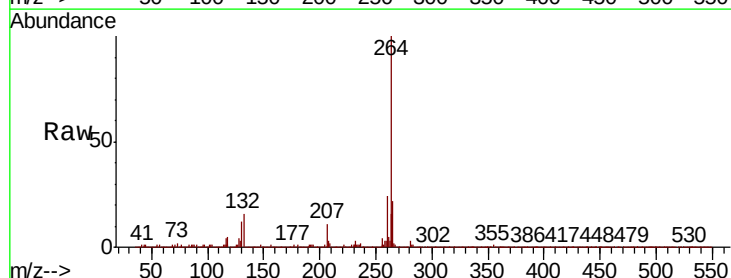
Tgt Ion:264 Resp: 784705

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 22.0 17.4 26.2



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

