

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002512.D
 Acq On : 23 Jun 2020 21:35
 Operator : CG/JU
 Sample : PB129713TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129713TB

Quant Time: Jun 24 00:16:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

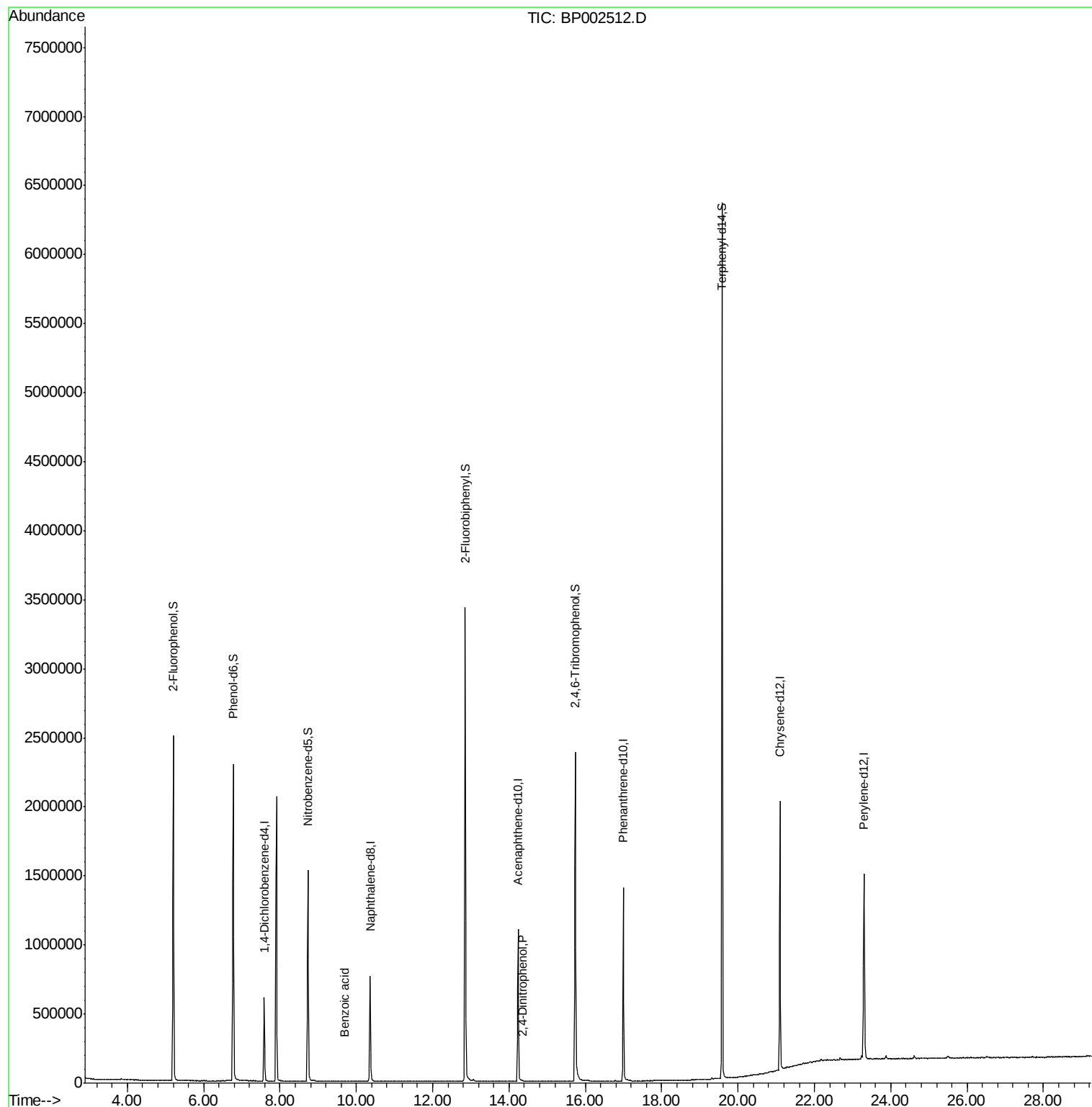
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	162707	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	651845	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	391941	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	873181	20.00	ng	0.00
76) Chrysene-d12	21.10	240	930102	20.00	ng	-0.01
86) Perylene-d12	23.30	264	1015380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1072793	122.01	ng	0.00
7) Phenol-d6	6.78	99	1338746	114.35	ng	0.00
23) Nitrobenzene-d5	8.73	82	904131	82.83	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	481727	128.37	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1930969	82.84	ng	-0.01
79) Terphenyl-d14	19.58	244	3033148	83.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	90	Below Cal	#	26
32) Benzoic acid	9.70	122	6	4.600 ng	#	1
54) 2,4-Dinitrophenol	14.36	184	29	2.794 ng	#	43
61) 4-Chlorophenyl-phenylether	15.27	204	12	Below Cal	#	33

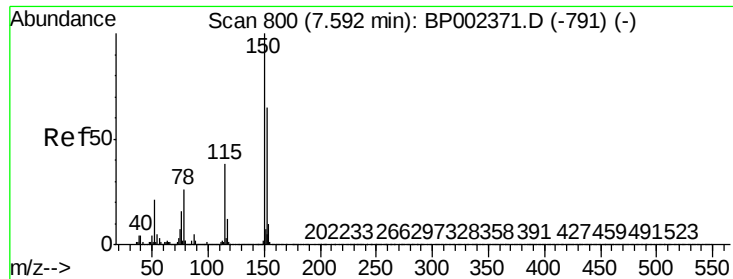
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
Data File : BP002512.D
Acq On : 23 Jun 2020 21:35
Operator : CG/JU
Sample : PB129713TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129713TB

Quant Time: Jun 24 00:16:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration



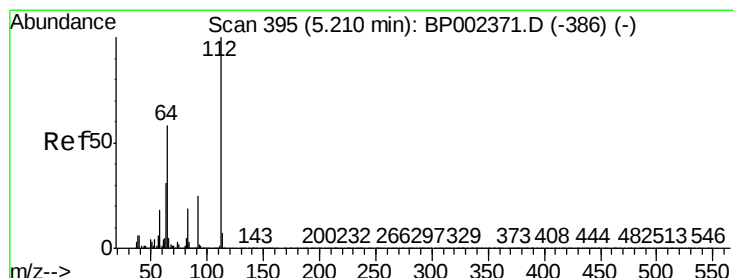
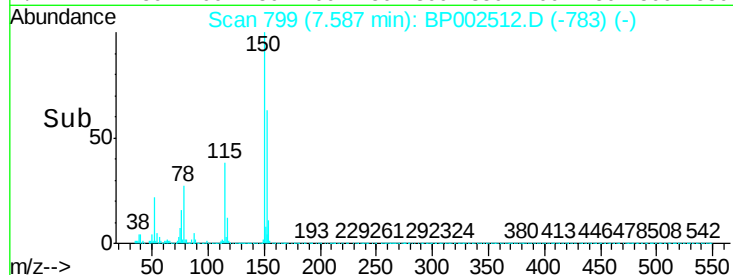
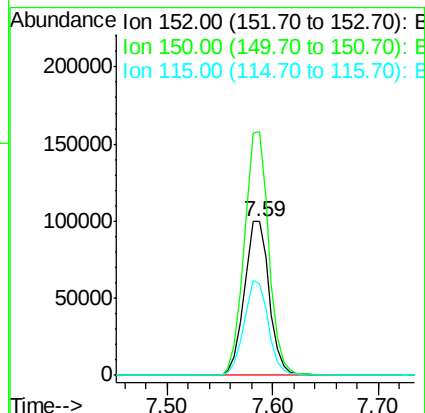
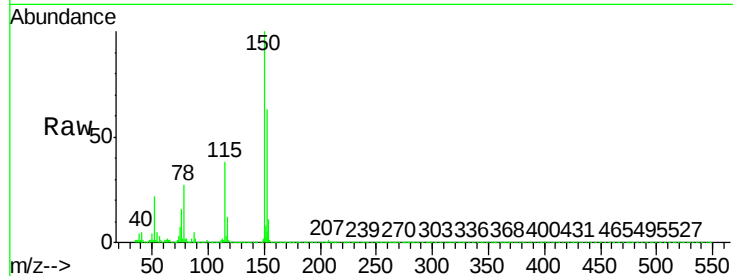


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002512.D
Acq: 23 Jun 2020 21:35

Instrument :
BNA_P
ClientSampleId :
PB129713TB

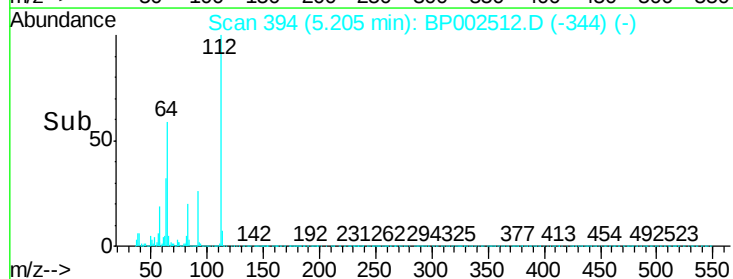
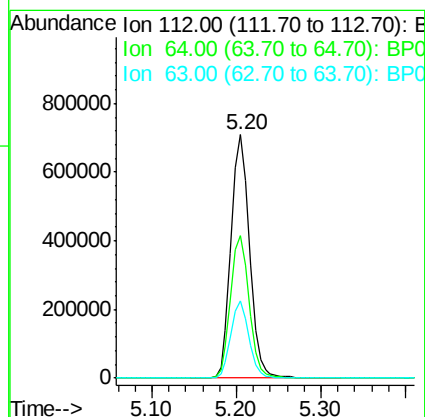
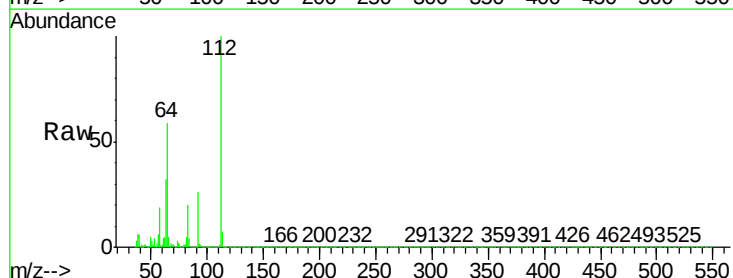
Tot Ion	152	Resp	162707
Ion Ratio	Lower	Upper	
152	100		
150	158.3	124.0	186.0
115	59.6	47.4	71.0



#5

2-Fluorophenol
Concen: 122.005 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002512.D
Acq: 23 Jun 2020 21:35

Tgt Ion	112	Resp	1072793
Ion Ratio	Lower	Upper	
112	100		
64	58.5	46.2	69.2
63	31.8	24.5	36.7





#7

Phenol-d6

Concen: 114.355 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

Instrument :

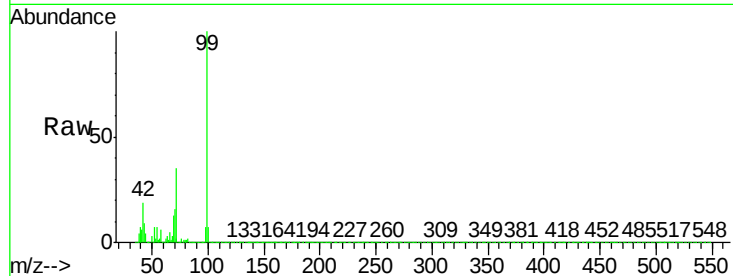
BNA_P

ClientSampleId :

PB129713TB

Tot Ion: 99 Resp: 1338746

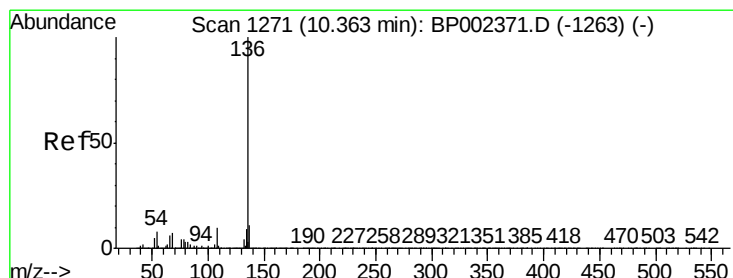
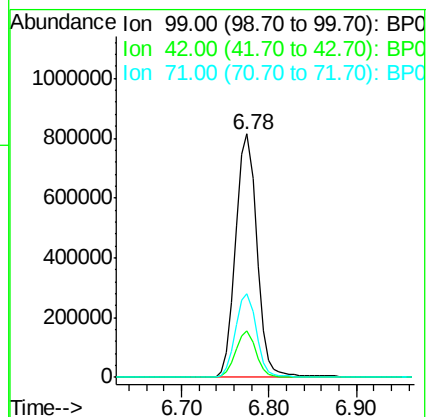
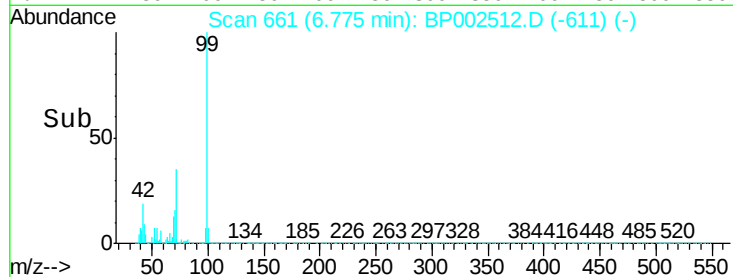
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	22.0
71	34.5	27.2	40.8



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: 10.36 min Scan# 1270

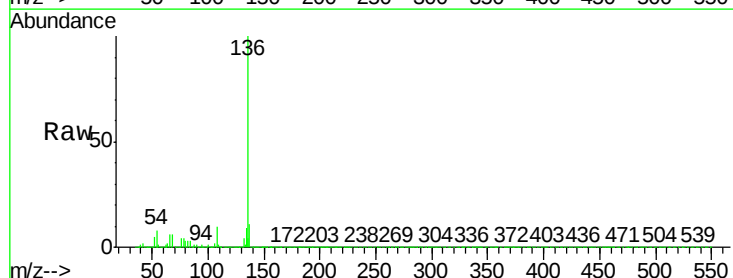
Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

Tgt Ion: 136 Resp: 651845

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.9	6.4	9.6
68	6.4	5.6	8.4

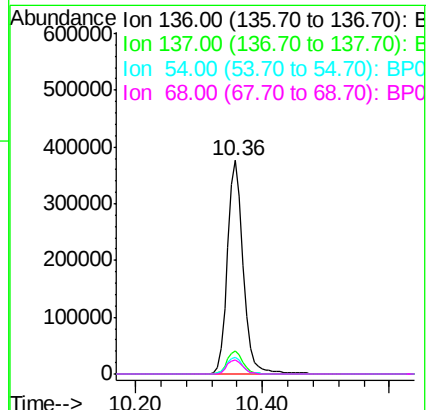
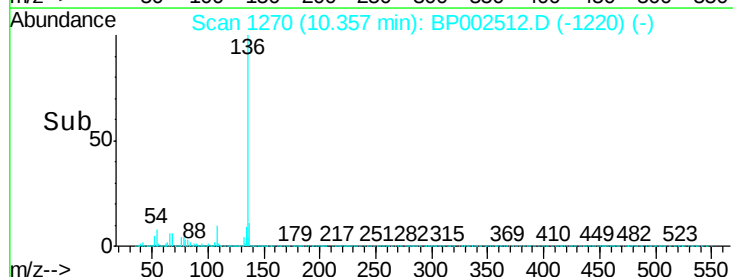


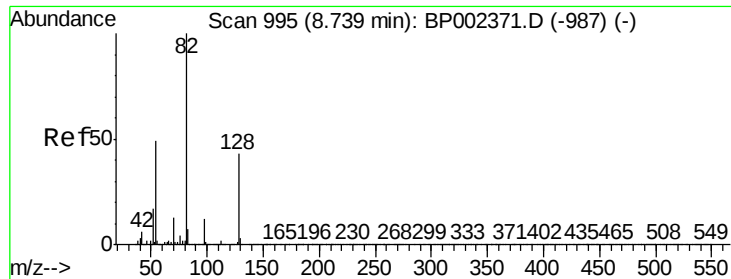
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

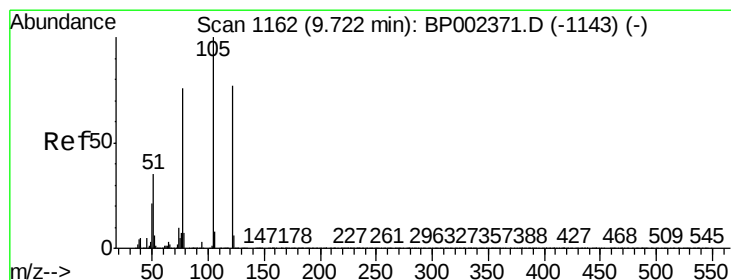
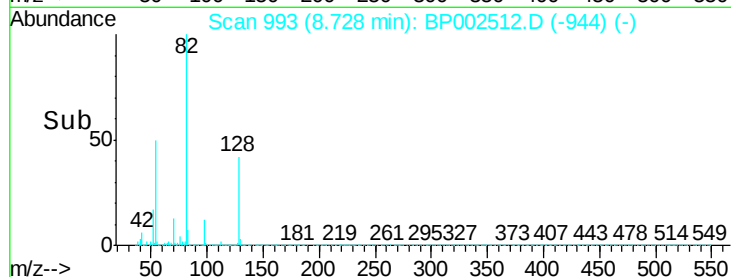
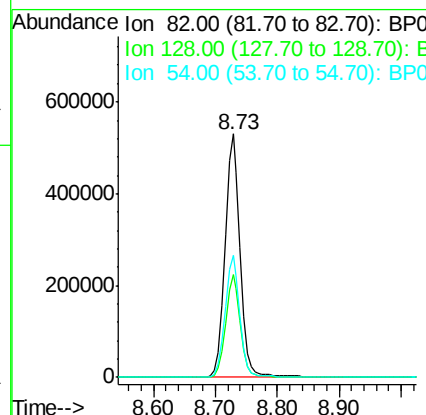
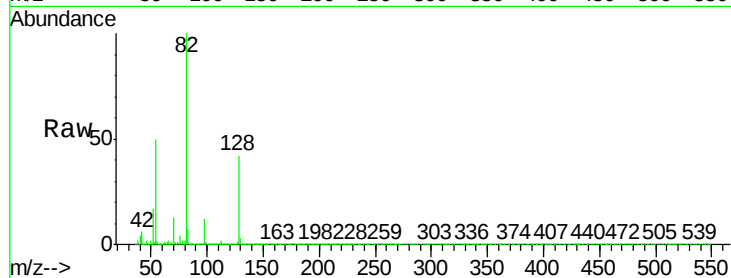




#23
Nitrobenzene-d5
Concen: 82.832 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002512.D
Acq: 23 Jun 2020 21:35

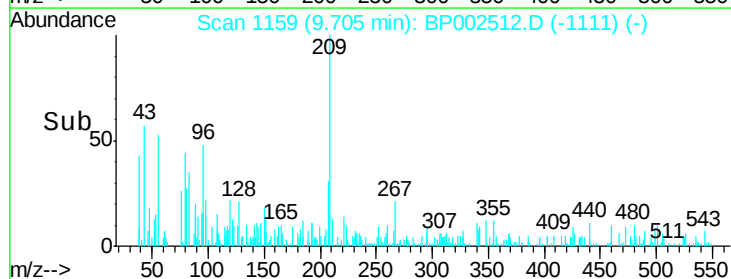
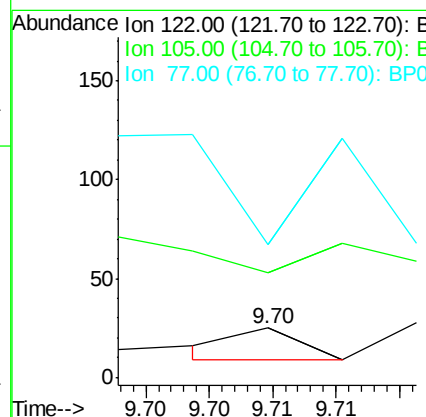
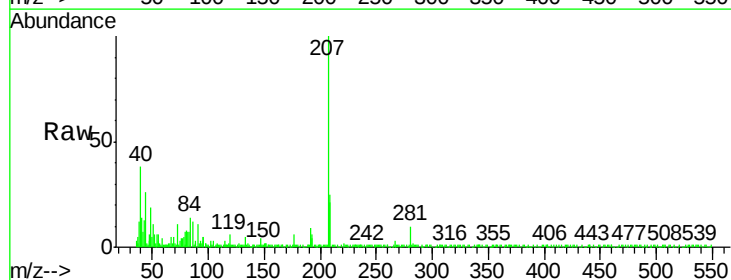
Instrument :
BNA_P
ClientSampleId :
PB129713TB

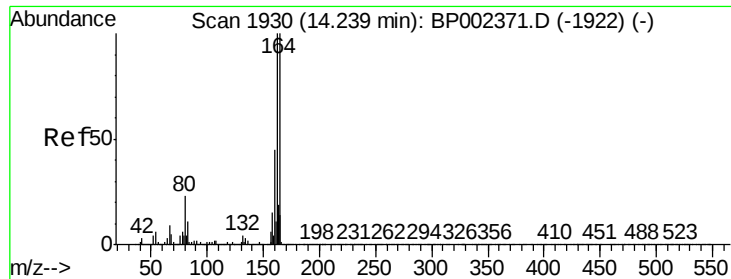
Tot Ion	82	Resp	904131
Ion Ratio	100	Lower	Upper
128	42.2	34.5	51.7
54	50.2	39.4	59.2



#32
Benzoic acid
Concen: 4.600 ng
RT: 9.70 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BP002512.D
Acq: 23 Jun 2020 21:35

Tgt Ion	122	Resp	6
Ion Ratio	100	Lower	Upper
105	212.0	106.3	146.3#
77	268.0	77.5	117.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

Instrument :

BNA_P

ClientSampleId :

PB129713TB

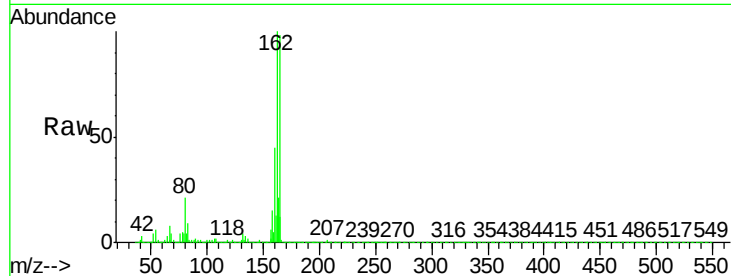
Tot Ion:164 Resp: 391941

Ion Ratio Lower Upper

164 100

162 102.1 79.8 119.8

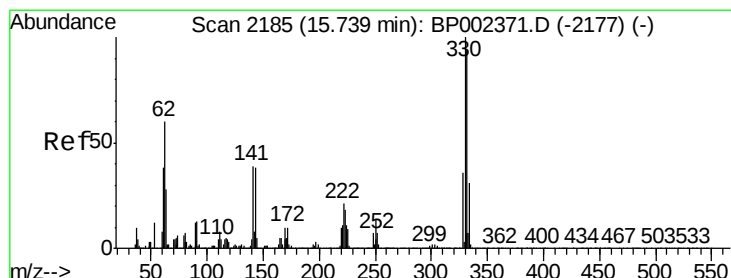
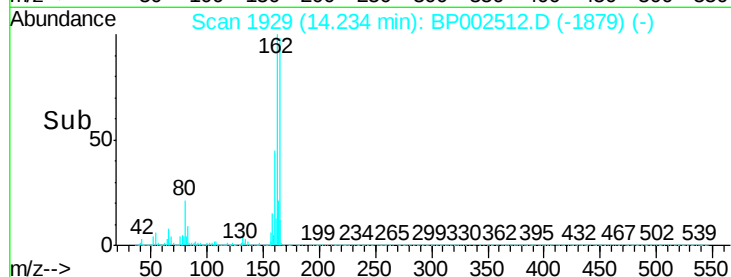
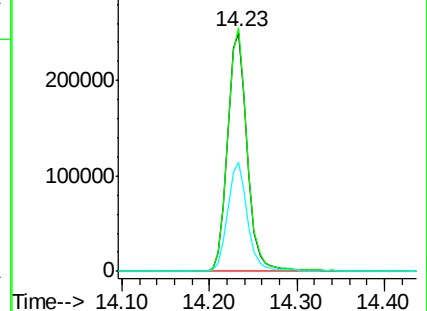
160 45.7 36.2 54.2



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: 128.373 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

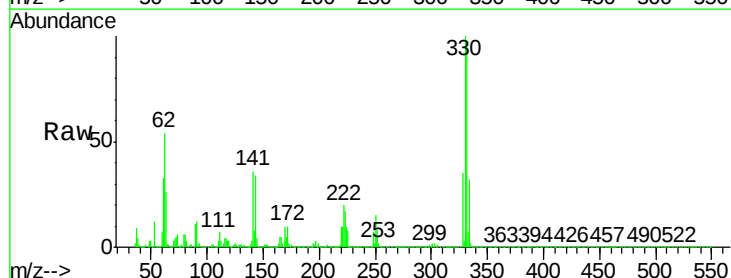
Tgt Ion:330 Resp: 481727

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

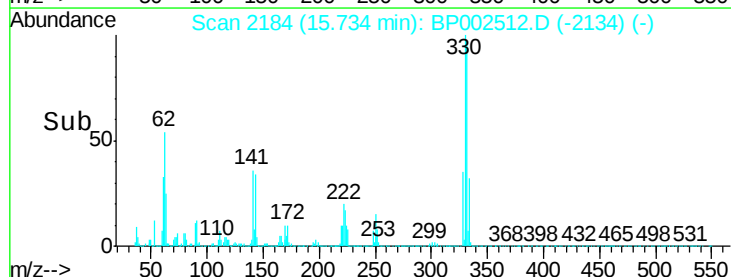
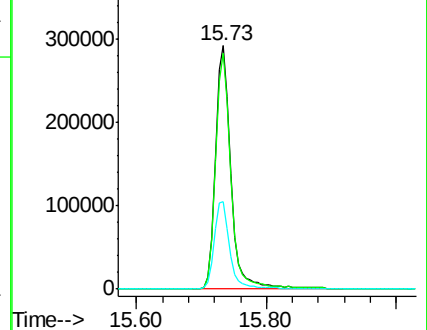
141 36.5 30.3 45.5

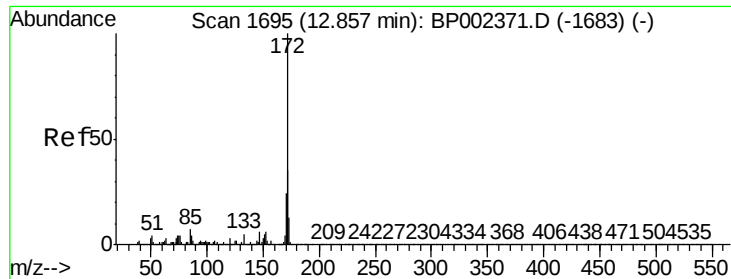


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

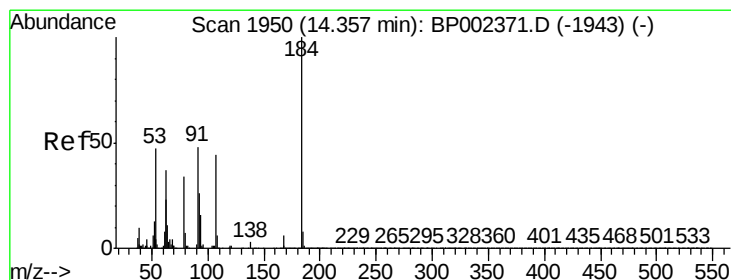
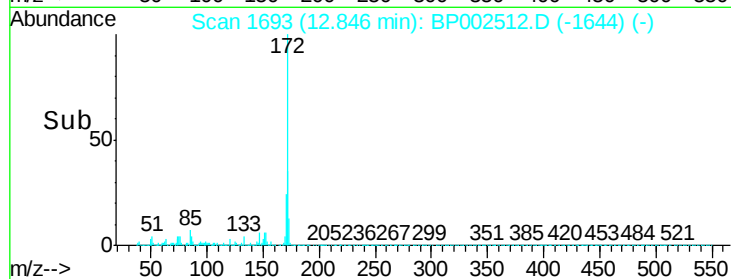
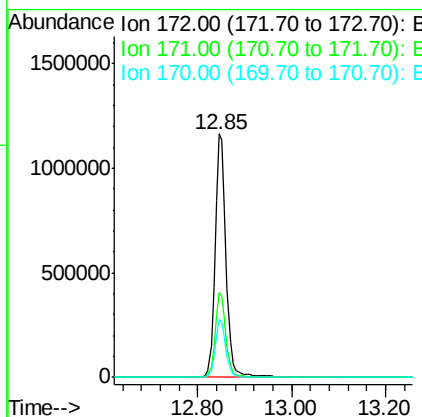
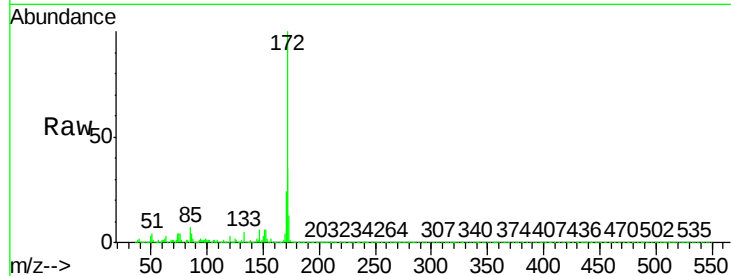




#45
2-Fluorobiphenyl
Concen: 82.838 ng
RT: 12.85 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BP002512.D
Acq: 23 Jun 2020 21:35

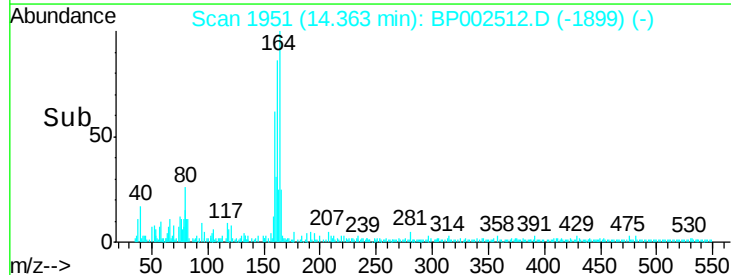
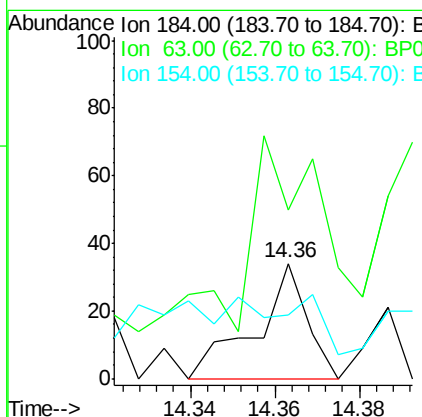
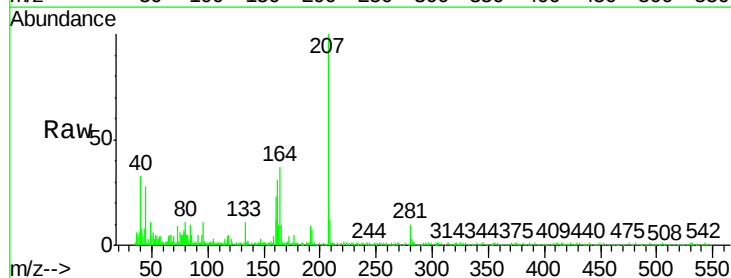
Instrument :
BNA_P
ClientSampleId :
PB129713TB

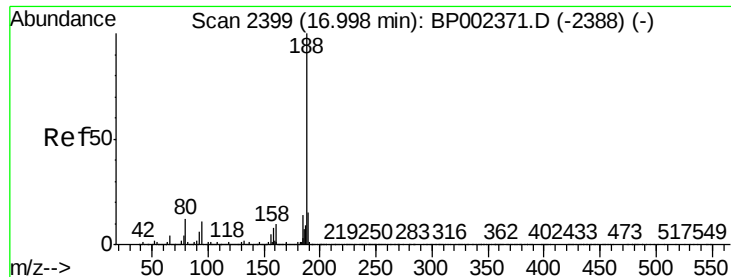
Tot Ion:172 Resp: 1930969
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 23.9 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 2.794 ng
RT: 14.36 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BP002512.D
Acq: 23 Jun 2020 21:35

Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 147.1 52.3 78.5#
154 55.9 48.6 72.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

Instrument :

BNA_P

ClientSampleId :

PB129713TB

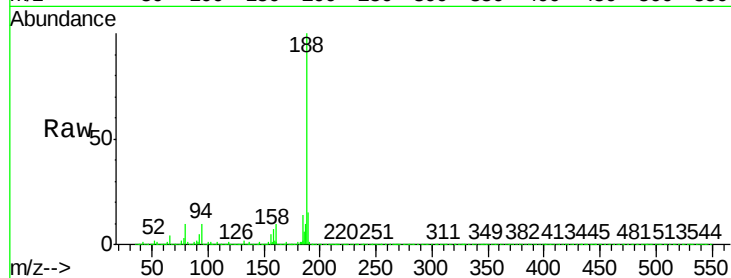
Tot Ion:188 Resp: 873181

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

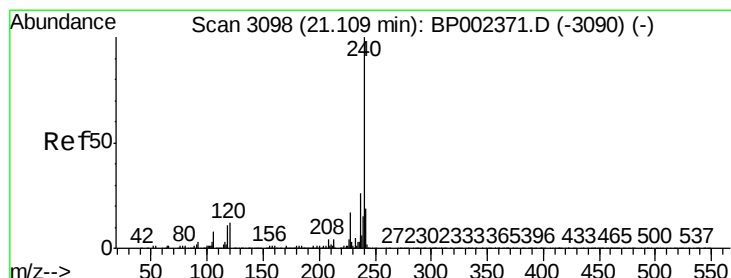
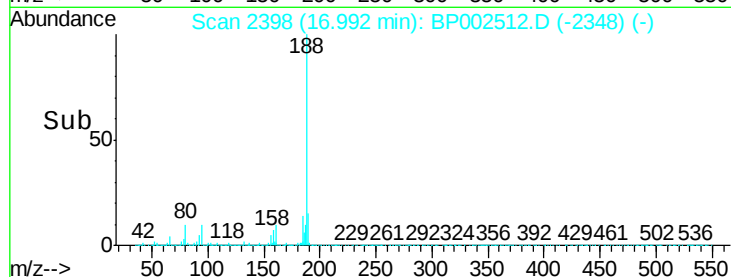
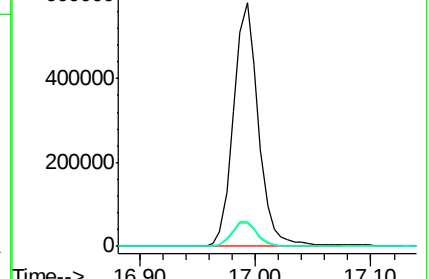
80 10.4 9.4 14.0



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: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

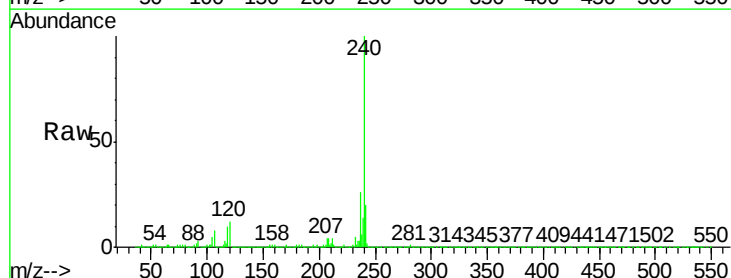
Tgt Ion:240 Resp: 930102

Ion Ratio Lower Upper

240 100

120 11.8 9.3 13.9

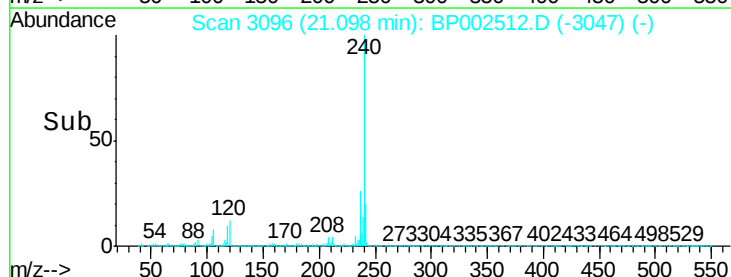
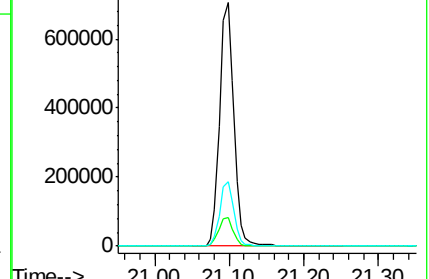
236 26.2 21.0 31.6

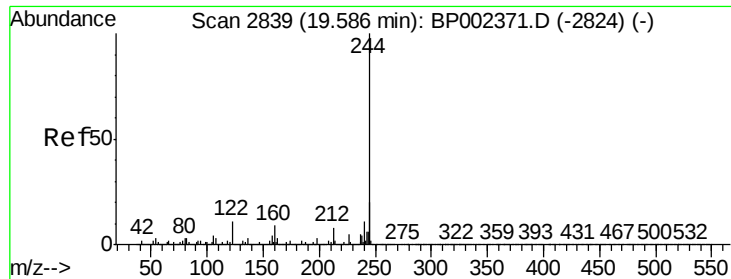


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.250 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

Instrument :

BNA_P

ClientSampleId :

PB129713TB

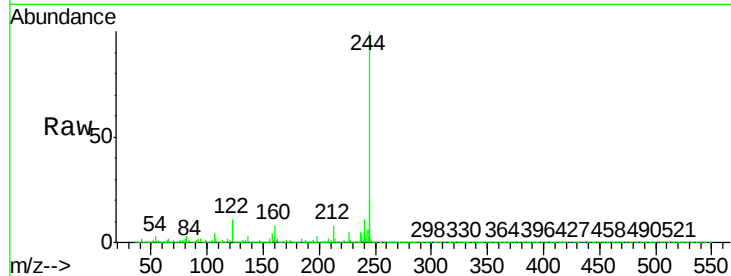
Tot Ion:244 Resp: 3033148

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

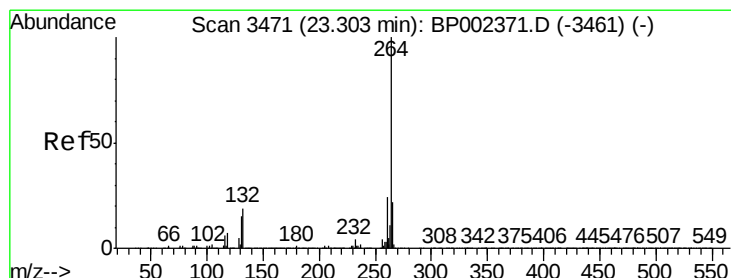
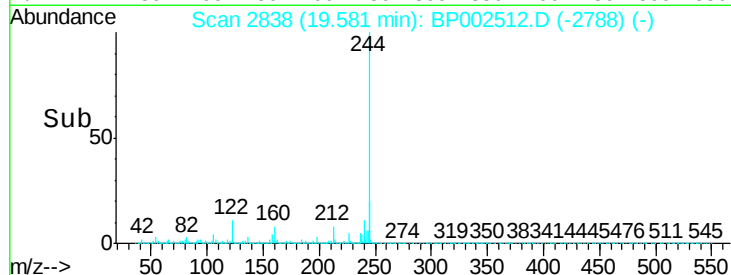
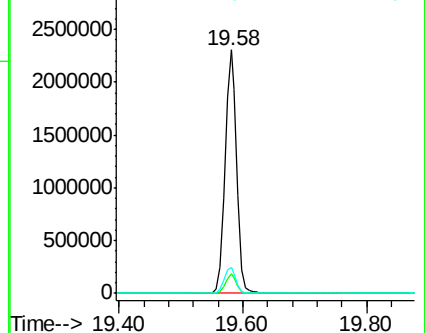
122 10.6 8.8 13.2



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: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BP002512.D

Acq: 23 Jun 2020 21:35

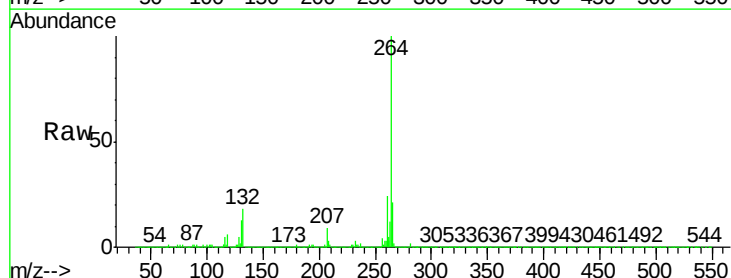
Tgt Ion:264 Resp: 1015380

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.2 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

