

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
 Data File : BP002561.D
 Acq On : 26 Jun 2020 20:45
 Operator : CG/JU
 Sample : L3126-07 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-7-S

Quant Time: Jun 26 23:52:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

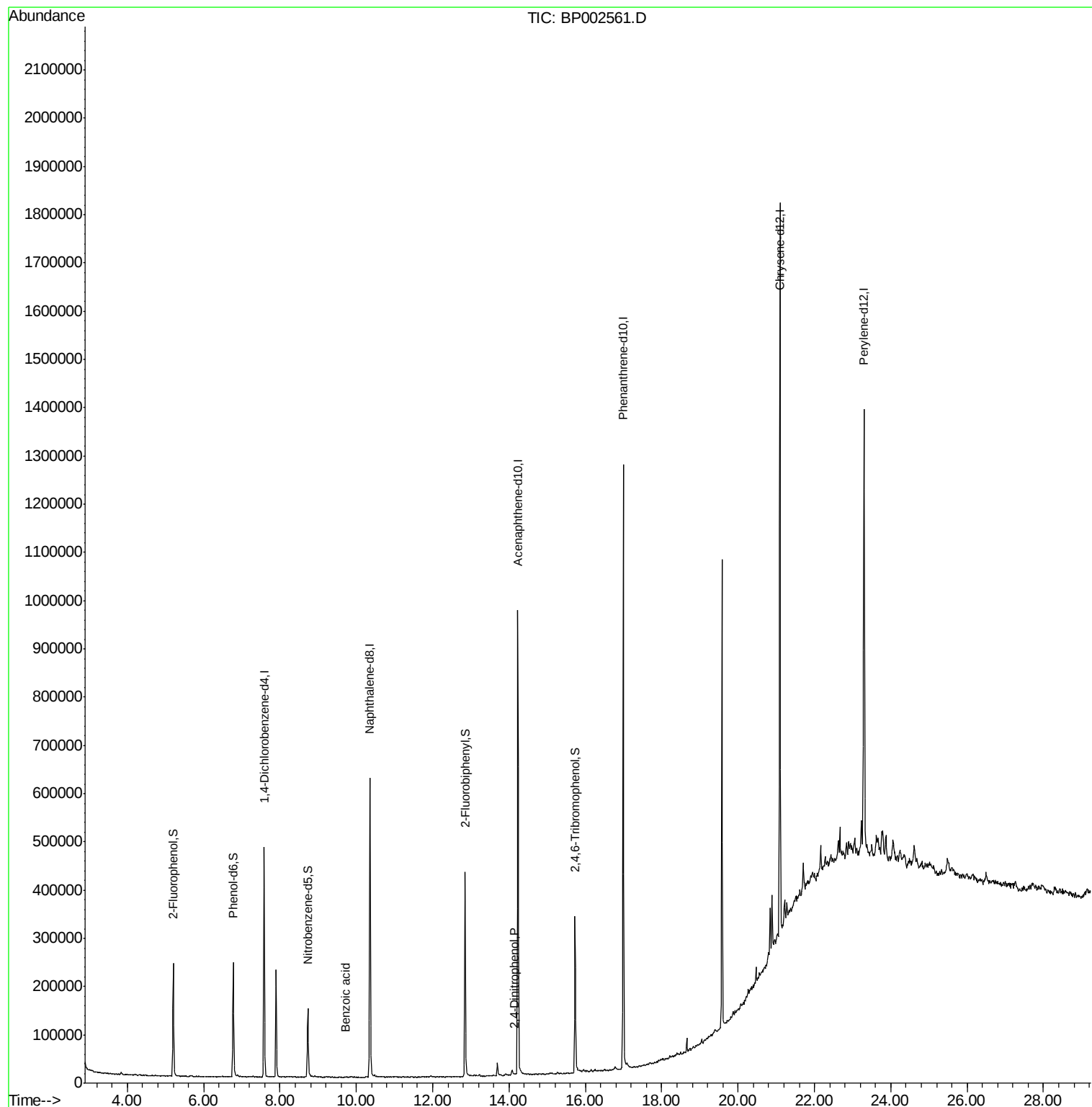
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	121841	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	517329	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	339798	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	805673	20.00	ng	0.00
76) Chrysene-d12	21.10	240	743364	20.00	ng	0.00
86) Perylene-d12	23.30	264	625960	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	106606	16.19	ng	0.00
7) Phenol-d6	6.78	99	142794	16.29	ng	0.00
23) Nitrobenzene-d5	8.73	82	89166	10.29	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	63669	19.57	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	235961	11.68	ng	0.00
79) Terphenyl-d14	19.57	244	432644	-19.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.75	77	312	Below Cal	#	36
32) Benzoic acid	9.72	122	74	4.611 ng	#	49
54) 2,4-Dinitrophenol	14.13	184	36	2.798 ng	#	97
61) 4-Chlorophenyl-phenylether	15.29	204	43	Below Cal	#	1

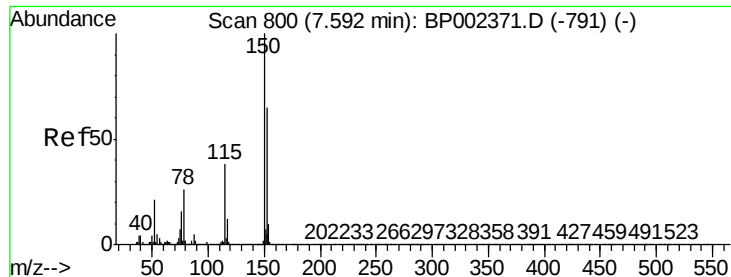
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 24 13:54:06 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.58 min Scan# 798

Delta R.T. 0.00 min

Lab File: BP002561.D

Acq: 26 Jun 2020 20:45

Instrument :

BNA_P

ClientSampleId :

TP-7-S

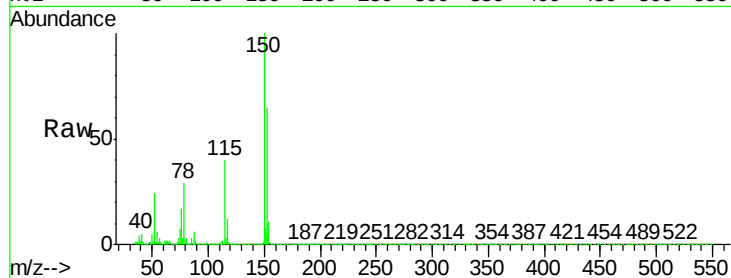
Tot Ion:152 Resp: 121841

Ion Ratio Lower Upper

152 100

150 152.9 124.4 186.6

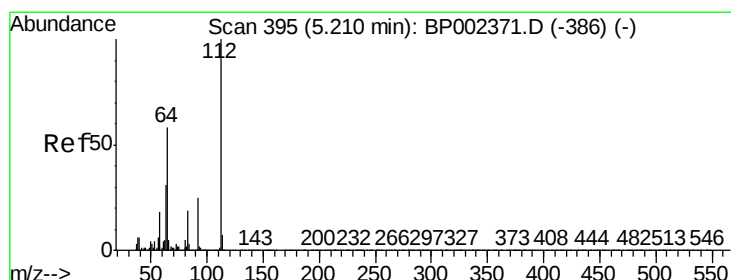
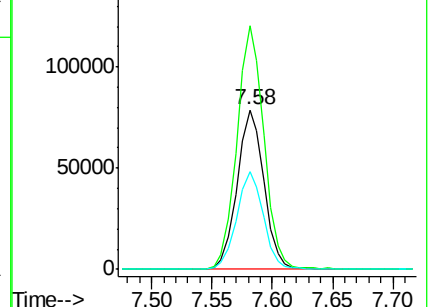
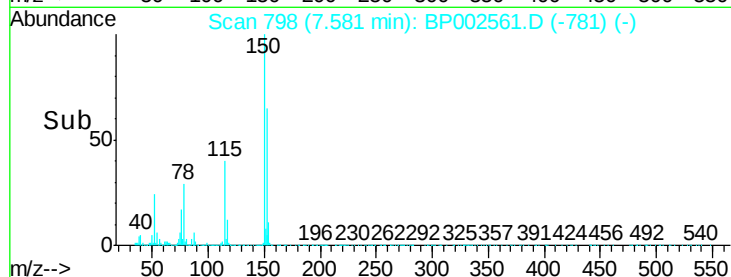
115 61.3 47.8 71.6



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: 16.190 ng

RT: 5.20 min Scan# 394

Delta R.T. 0.00 min

Lab File: BP002561.D

Acq: 26 Jun 2020 20:45

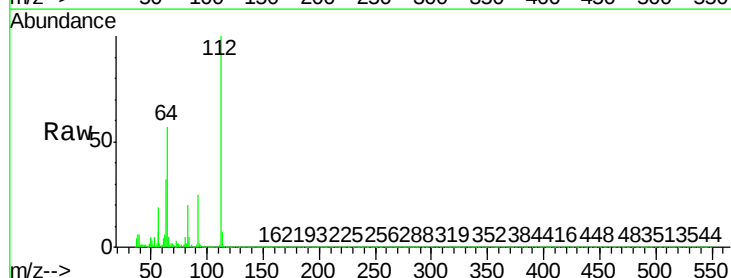
Tgt Ion:112 Resp: 106606

Ion Ratio Lower Upper

112 100

64 57.3 46.4 69.6

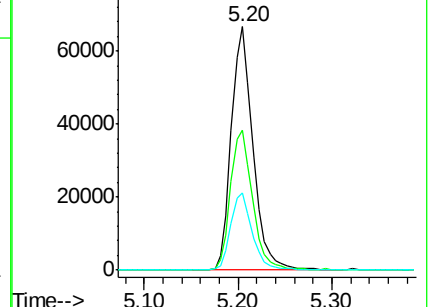
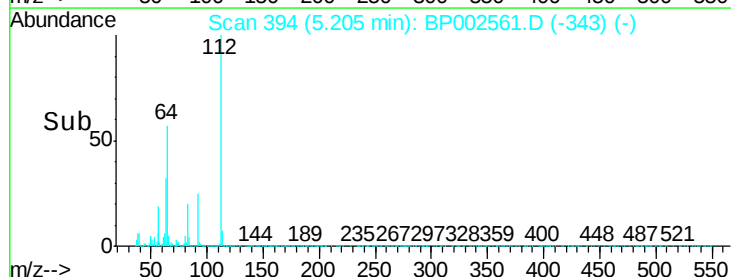
63 31.9 25.0 37.6

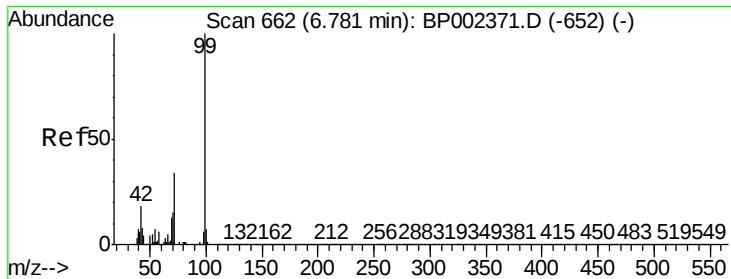


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 16.288 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.00 min

Lab File: BP002561.D

Acq: 26 Jun 2020 20:45

Instrument :

BNA_P

ClientSampleId :

TP-7-S

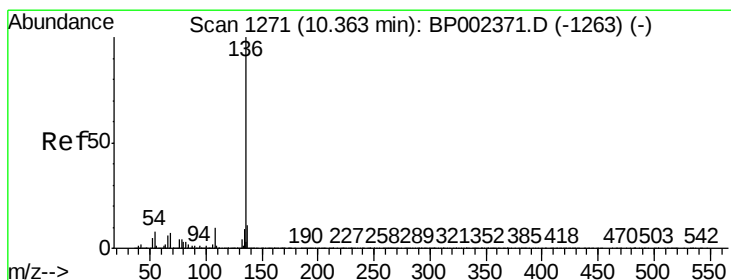
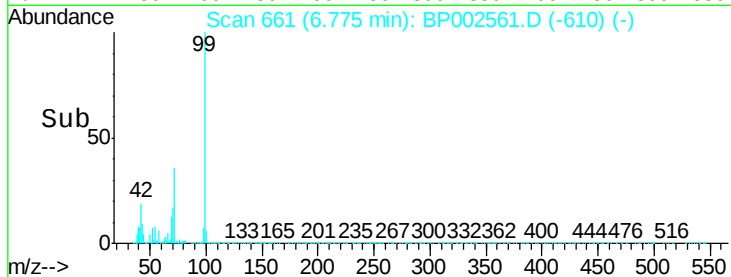
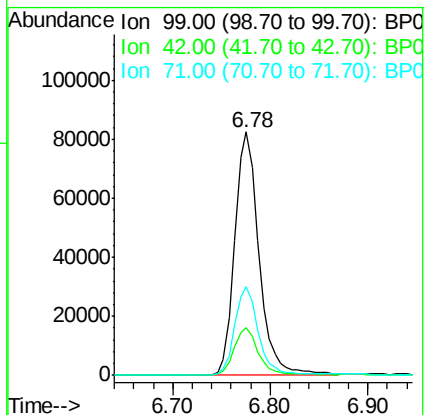
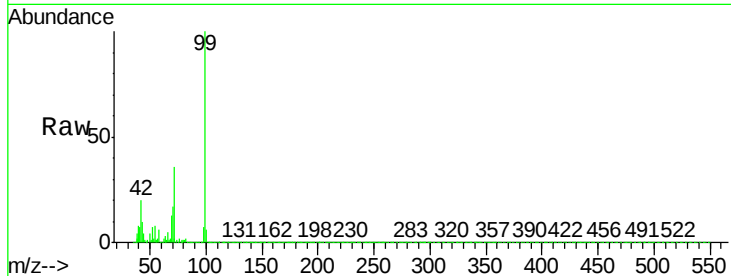
Tot Ion: 99 Resp: 142794

Ion Ratio Lower Upper

99 100

42 19.7 15.3 22.9

71 36.4 28.2 42.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BP002561.D

Acq: 26 Jun 2020 20:45

Tgt Ion: 136 Resp: 517329

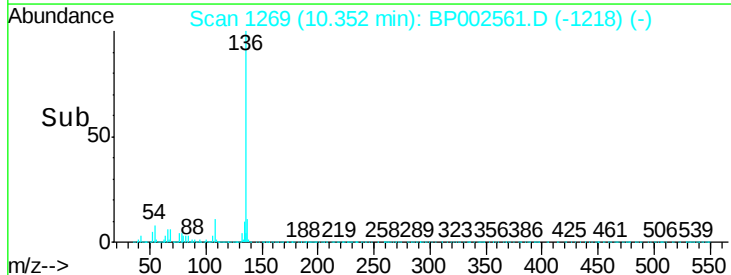
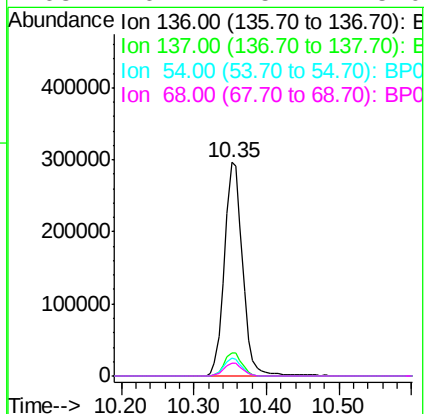
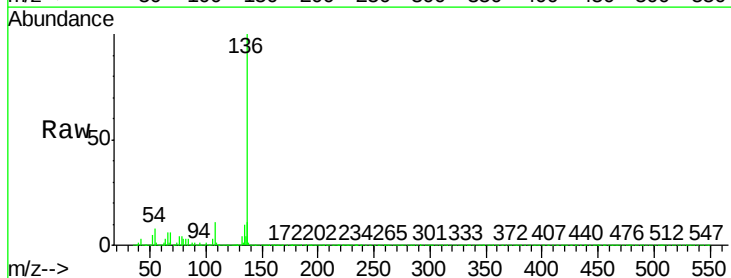
Ion Ratio Lower Upper

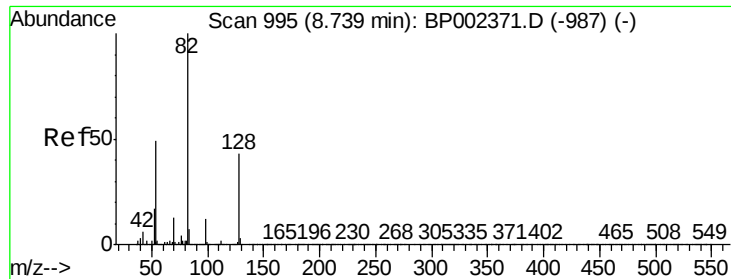
136 100

137 10.8 8.9 13.3

54 8.2 6.6 10.0

68 6.1 5.4 8.0

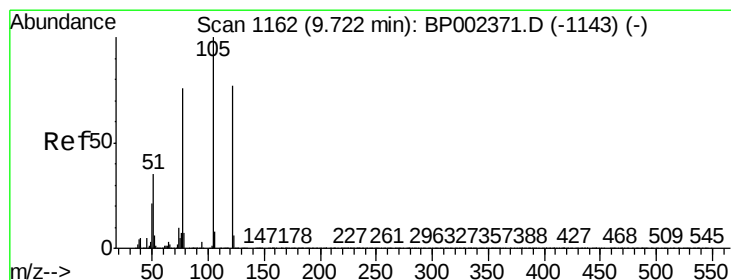
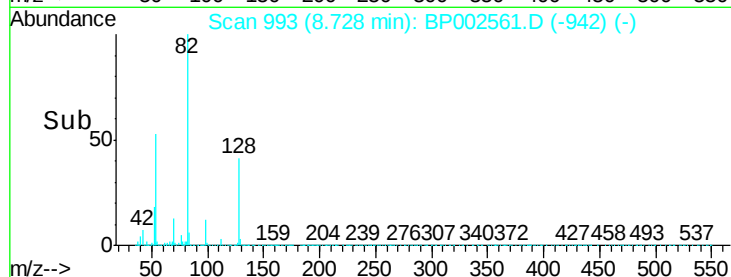
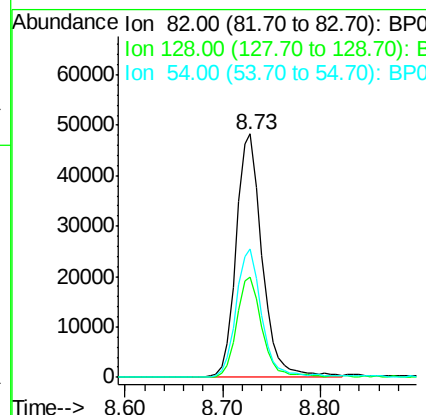
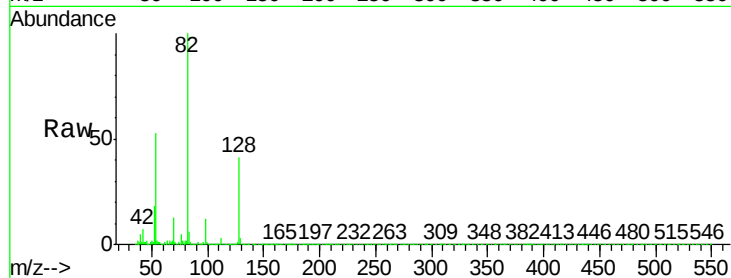




#23
 Nitrobenzene-d5
 Concen: 10.293 ng
 RT: 8.73 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BP002561.D
 Acq: 26 Jun 2020 20:45

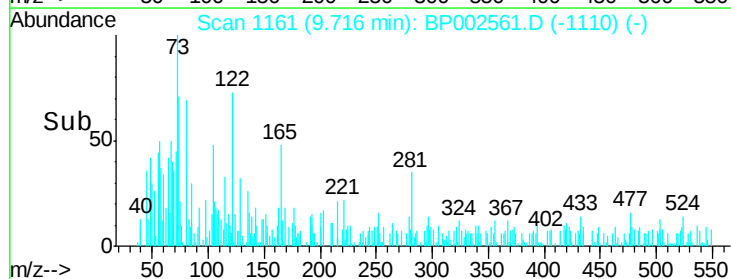
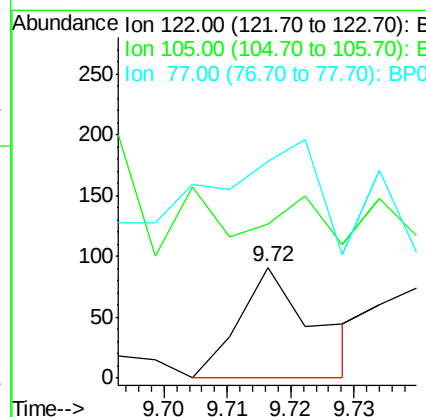
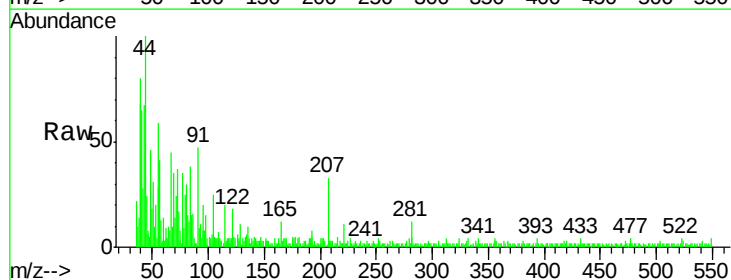
Instrument :
 BNA_P
 ClientSampleId :
 TP-7-S

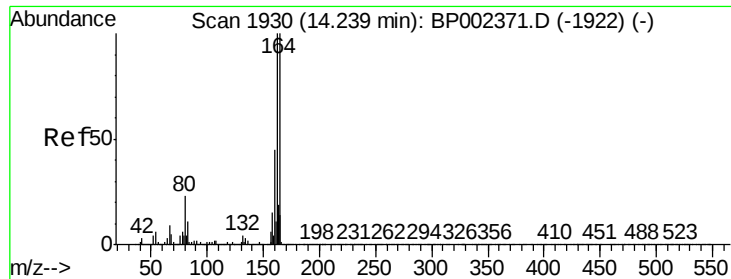
Tot Ion	82	Resp	89166
Ion Ratio	Lower	Upper	
82	100		
128	41.2	32.8	49.2
54	53.0	39.9	59.9



#32
 Benzoic acid
 Concen: 4.611 ng
 RT: 9.72 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BP002561.D
 Acq: 26 Jun 2020 20:45

Tgt Ion	122	Resp	74
Ion Ratio	Lower	Upper	
122	100		
105	138.5	105.0	145.0
77	195.6	76.9	116.9#

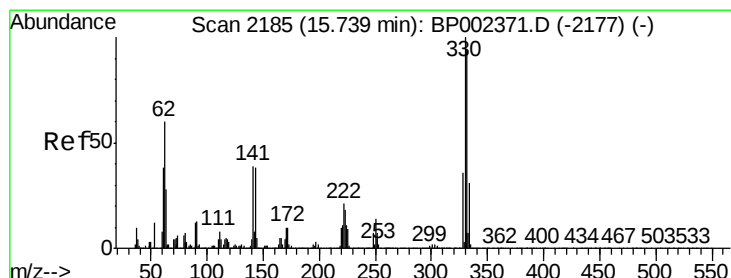
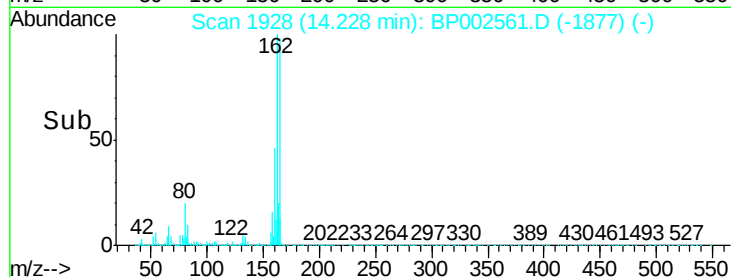
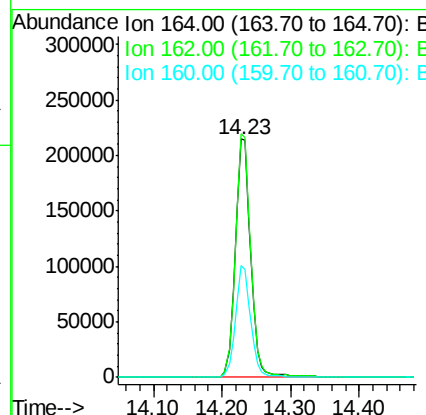
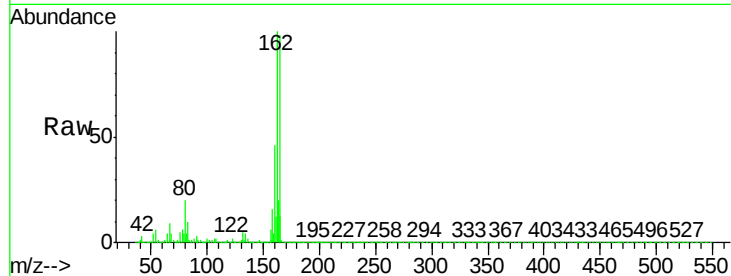




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BP002561.D
Acq: 26 Jun 2020 20:45

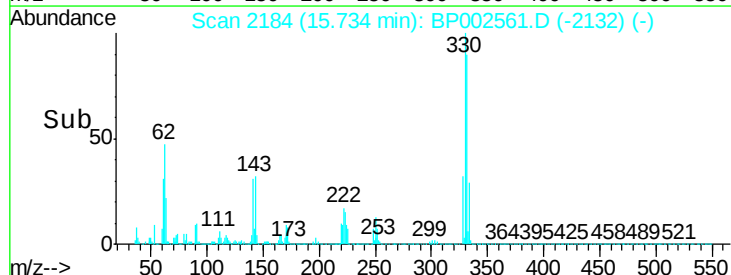
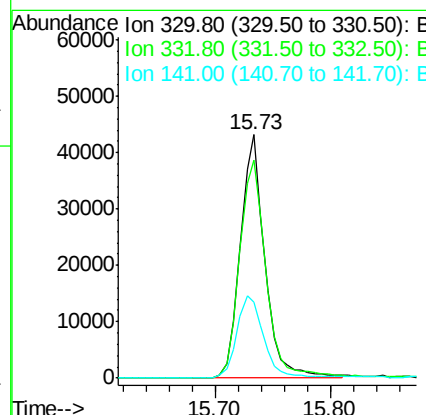
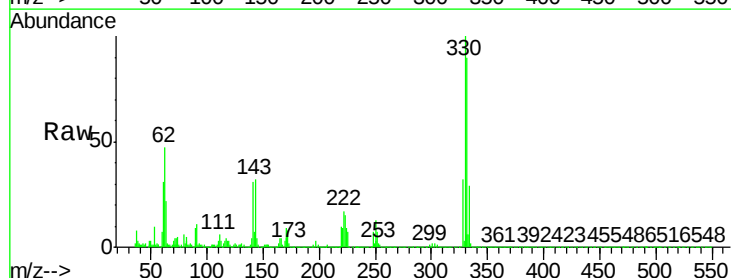
Instrument :
BNA_P
ClientSampled :
TP-7-S

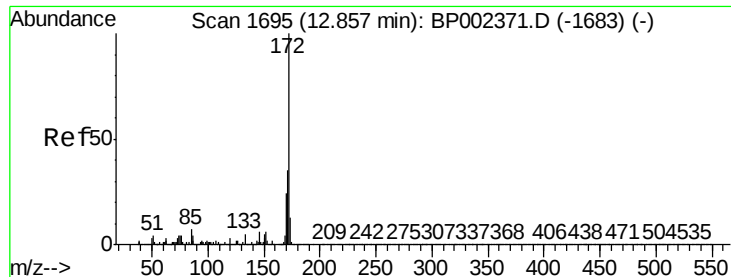
Tot Ion:164 Resp: 339798
Ion Ratio Lower Upper
164 100
162 102.1 80.6 121.0
160 46.6 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 19.570 ng
RT: 15.73 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BP002561.D
Acq: 26 Jun 2020 20:45

Tgt Ion:330 Resp: 63669
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 36.3 30.4 45.6

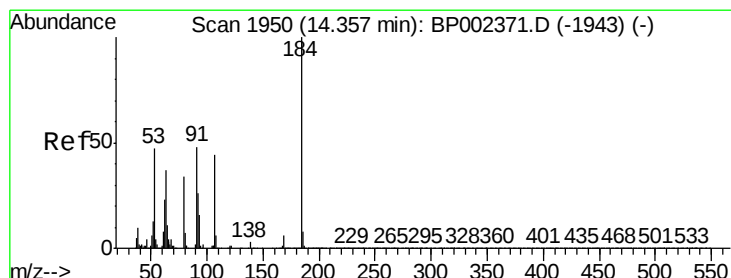
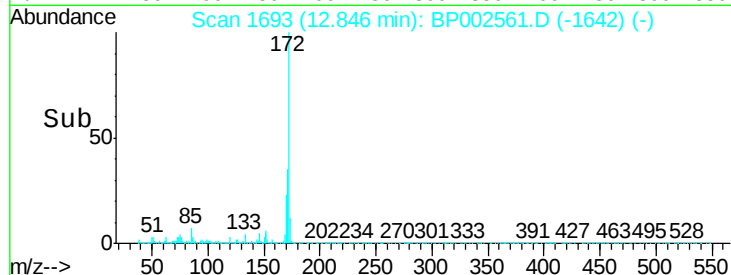
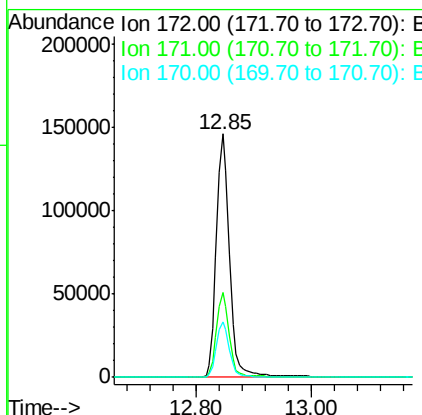
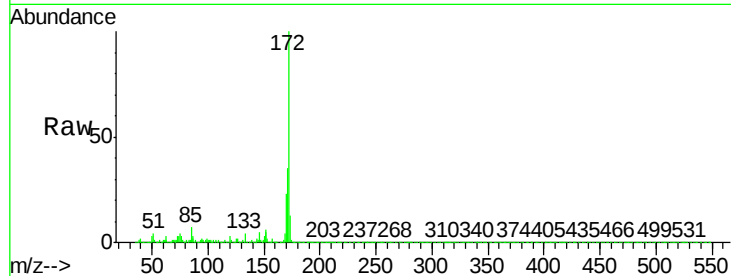




#45
2-Fluorobiphenyl
Concen: 11.676 ng
RT: 12.85 min Scan# 1693
Delta R.T. 0.00 min
Lab File: BP002561.D
Acq: 26 Jun 2020 20:45

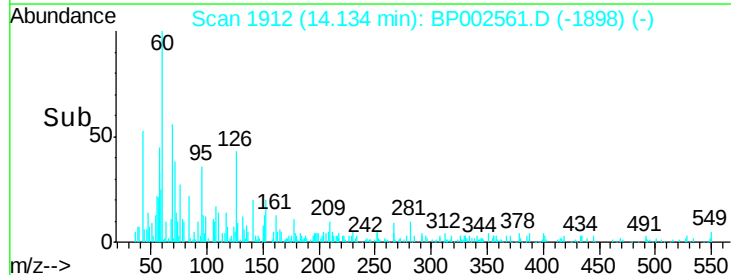
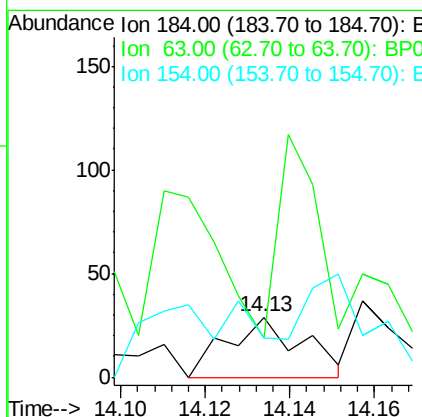
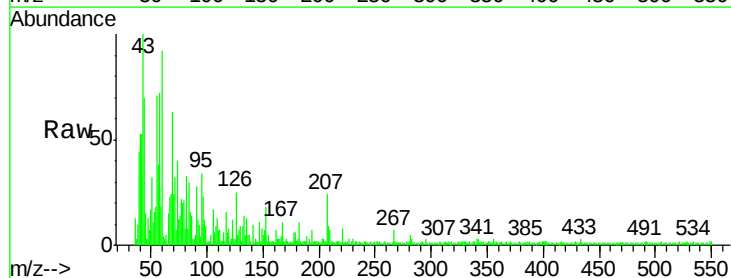
Instrument :
BNA_P
ClientSampleId :
TP-7-S

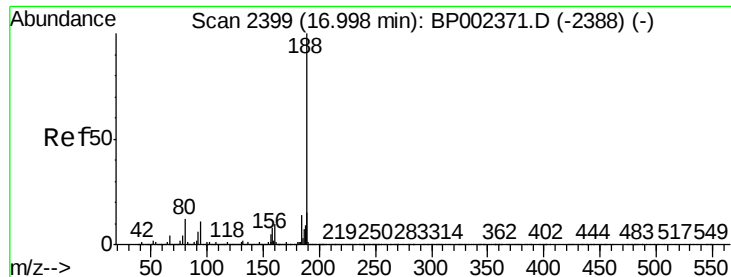
Tot Ion:172 Resp: 235961
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 22.8 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 2.798 ng
RT: 14.13 min Scan# 1912
Delta R.T. -0.22 min
Lab File: BP002561.D
Acq: 26 Jun 2020 20:45

Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 65.5 51.3 76.9
154 65.5 50.2 75.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BP002561.D

Acq: 26 Jun 2020 20:45

Instrument :

BNA_P

ClientSampleId :

TP-7-S

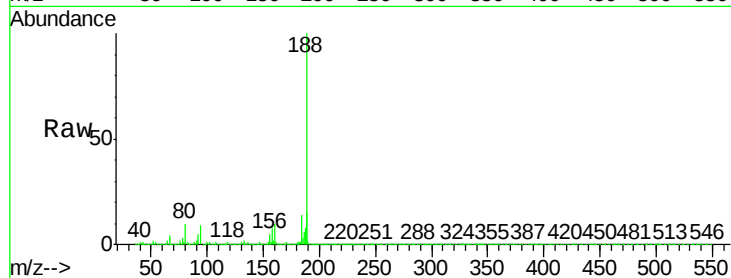
Tot Ion:188 Resp: 805673

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

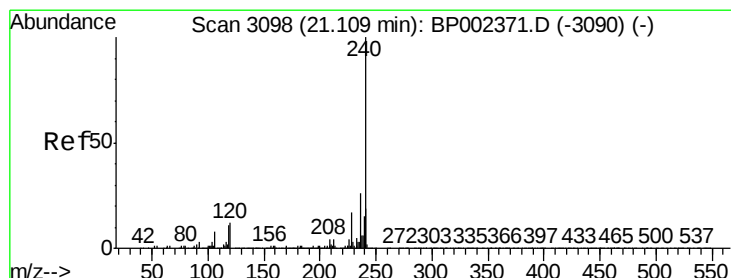
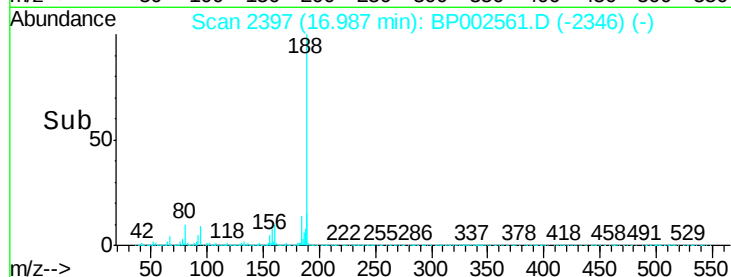
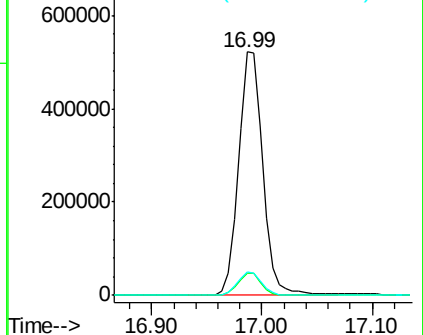
80 9.7 8.3 12.5



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: BP002561.D

Acq: 26 Jun 2020 20:45

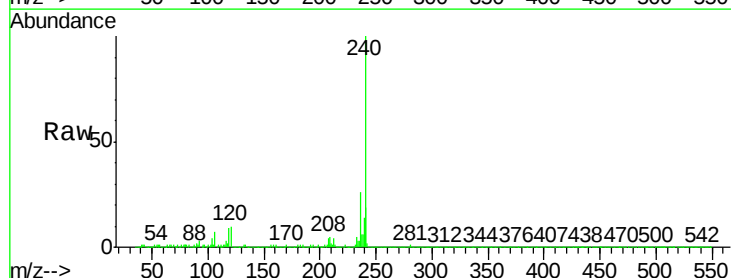
Tgt Ion:240 Resp: 743364

Ion Ratio Lower Upper

240 100

120 9.7 8.9 13.3

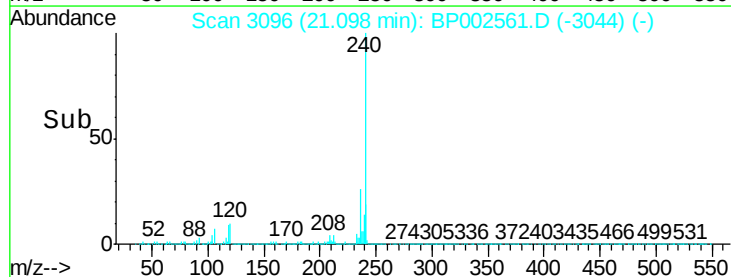
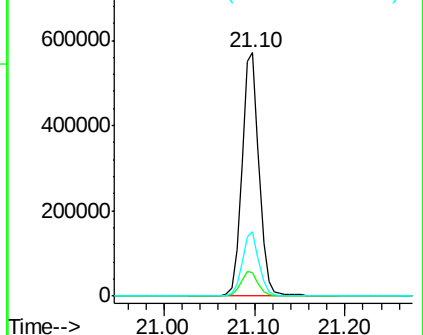
236 26.2 21.7 32.5

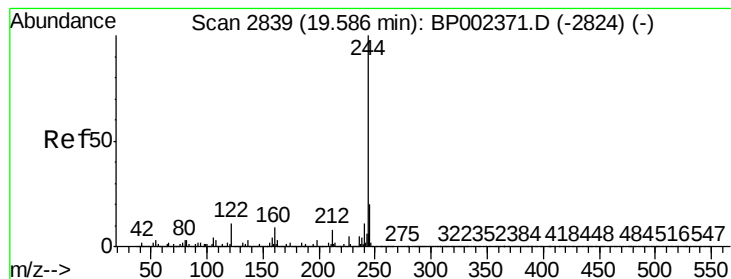


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: -19.009 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BP002561.D

Acq: 26 Jun 2020 20:45

Instrument :

BNA_P

ClientSampleId :

TP-7-S

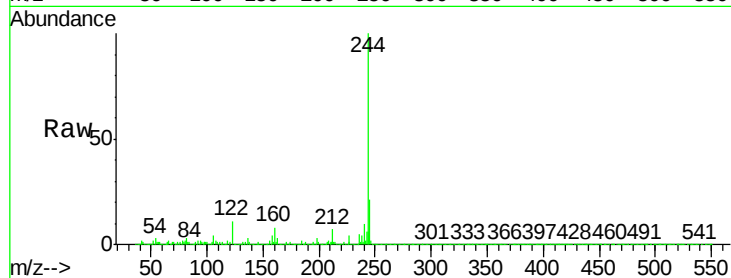
Tot Ion:244 Resp: 432644

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

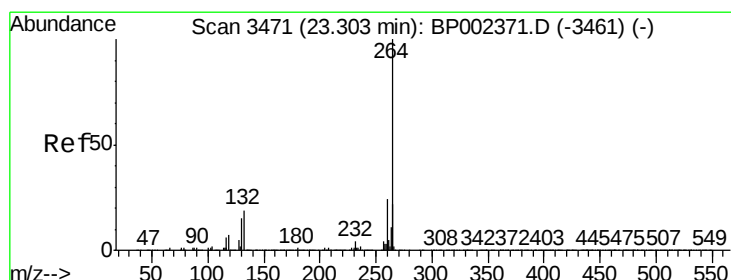
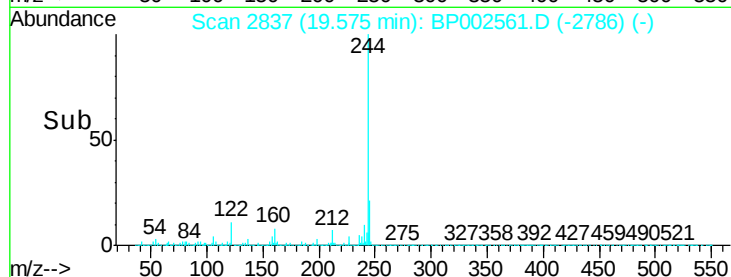
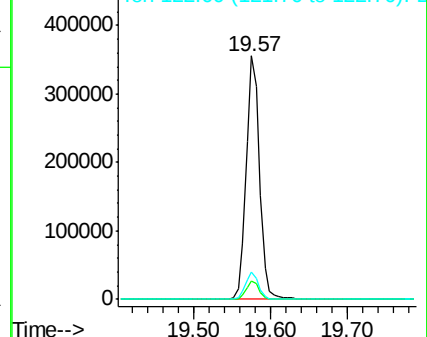
122 11.3 8.0 12.0



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: BP002561.D

Acq: 26 Jun 2020 20:45

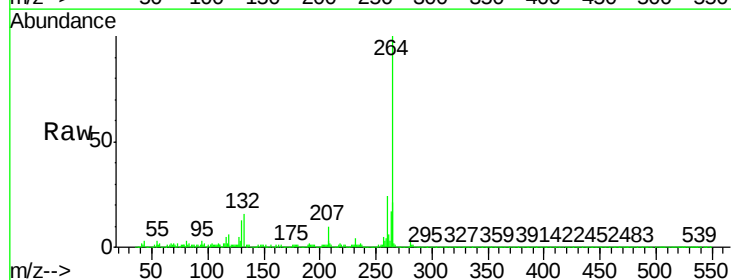
Tgt Ion:264 Resp: 625960

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 21.5 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

