

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
 Data File : BP002560.D
 Acq On : 26 Jun 2020 20:11
 Operator : CG/JU
 Sample : L3126-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-8-S

Quant Time: Jun 26 23:52:03 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

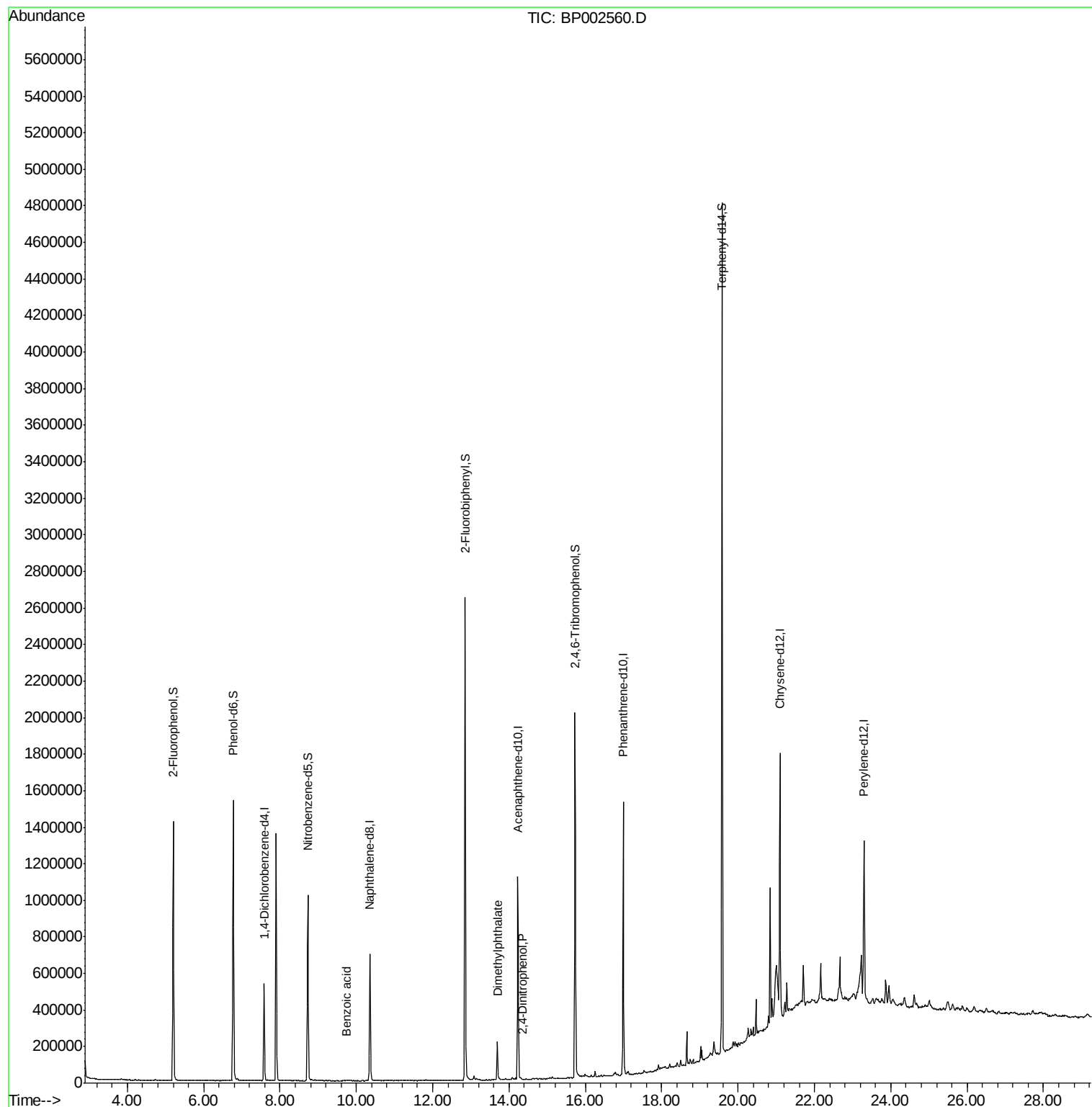
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	137248	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	584075	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	390559	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	883294	20.00	ng	0.00
76) Chrysene-d12	21.10	240	684428	20.00	ng	0.00
86) Perylene-d12	23.30	264	606454	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	613808	82.76	ng	0.00
7) Phenol-d6	6.78	99	868164	87.91	ng	0.00
23) Nitrobenzene-d5	8.73	82	590335	60.36	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	384485	102.82	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1380035	59.41	ng	0.00
79) Terphenyl-d14	19.58	244	2149980	78.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	146	Below Cal	#	52
32) Benzoic acid	9.73	122	40	4.605 ng	#	25
50) Dimethylphthalate	13.69	163	142505	5.325 ng		99
54) 2,4-Dinitrophenol	14.36	184	7	2.788 ng	#	1
61) 4-Chlorophenyl-phenylether	15.30	204	66	Below Cal	#	50

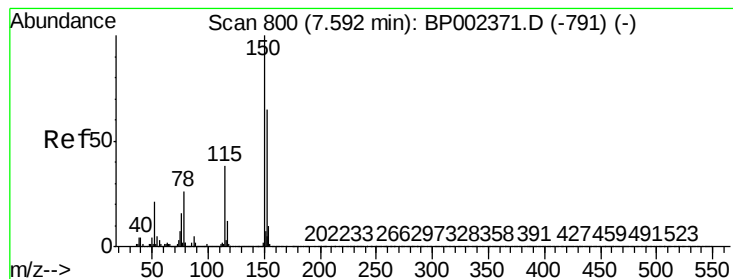
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002560.D

Acq: 26 Jun 2020 20:11

Instrument :

BNA_P

ClientSampleId :

TP-8-S

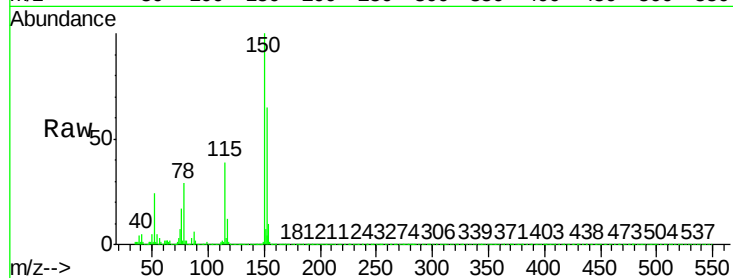
Tot Ion:152 Resp: 137248

Ion Ratio Lower Upper

152 100

150 153.1 124.4 186.6

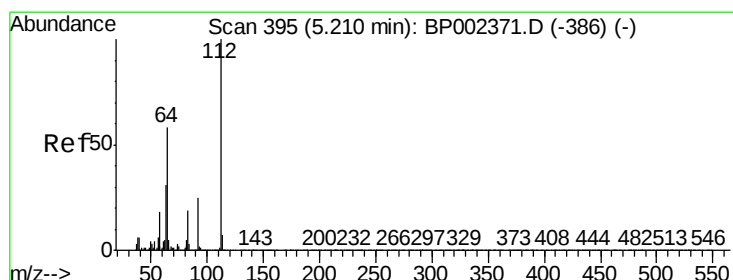
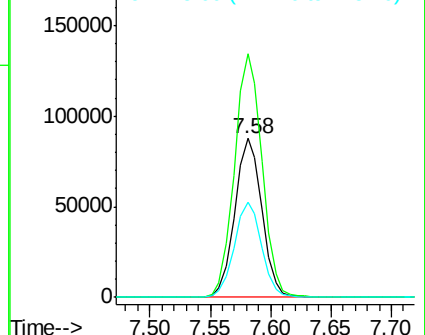
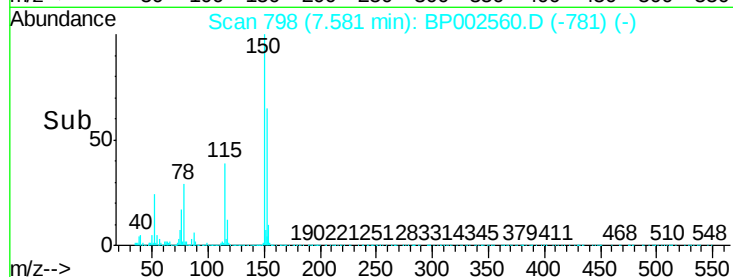
115 59.9 47.8 71.6



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: 82.755 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.00 min

Lab File: BP002560.D

Acq: 26 Jun 2020 20:11

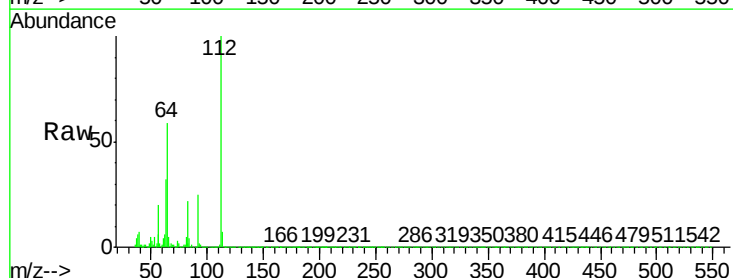
Tgt Ion:112 Resp: 613808

Ion Ratio Lower Upper

112 100

64 58.8 46.4 69.6

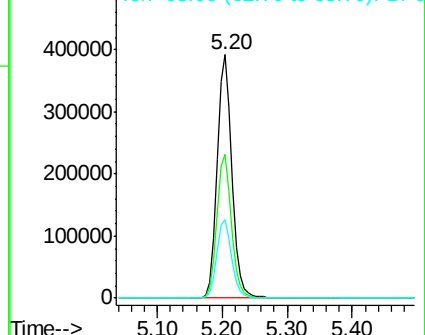
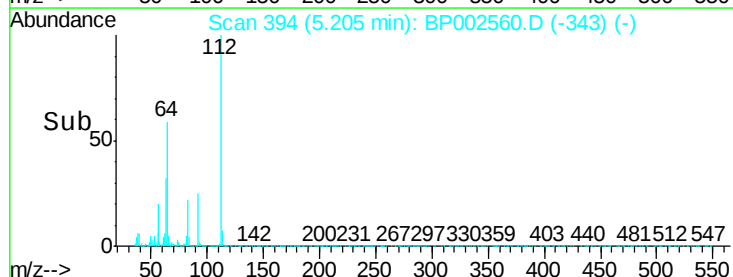
63 32.4 25.0 37.6



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: 87.914 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.00 min

Lab File: BP002560.D

Acq: 26 Jun 2020 20:11

Instrument :

BNA_P

ClientSampleId :

TP-8-S

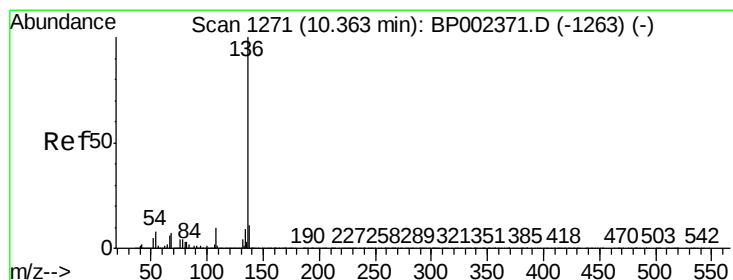
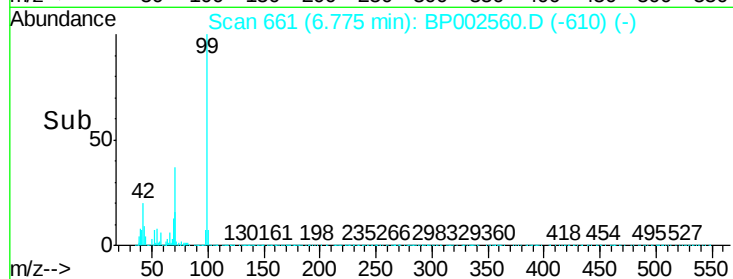
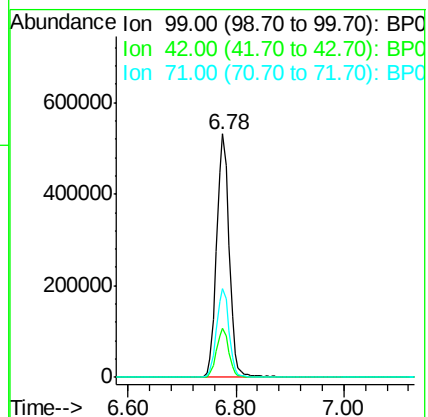
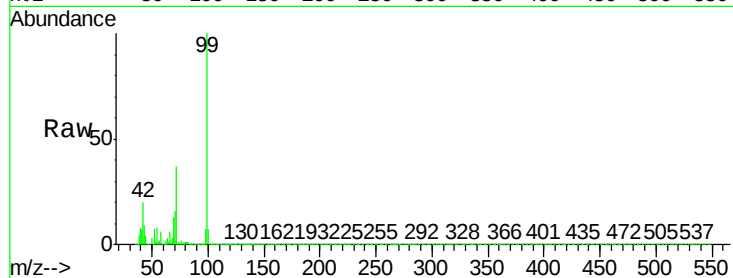
Tot Ion: 99 Resp: 868164

Ion Ratio Lower Upper

99 100

42 20.0 15.3 22.9

71 36.6 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: BP002560.D

Acq: 26 Jun 2020 20:11

Tgt Ion: 136 Resp: 584075

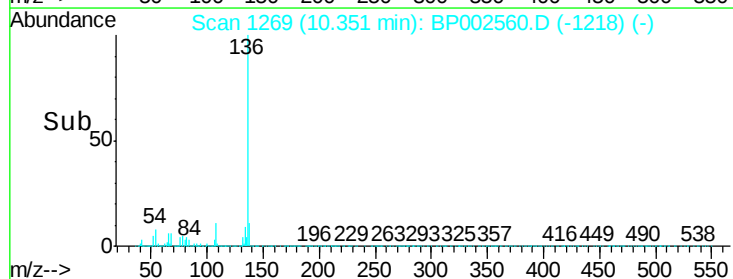
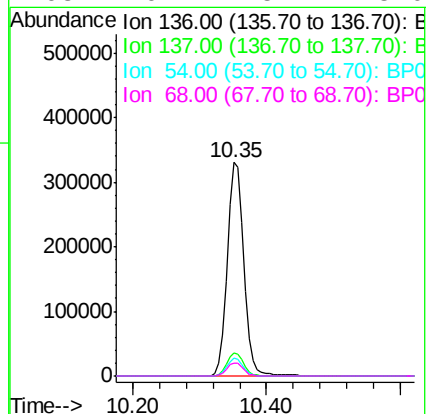
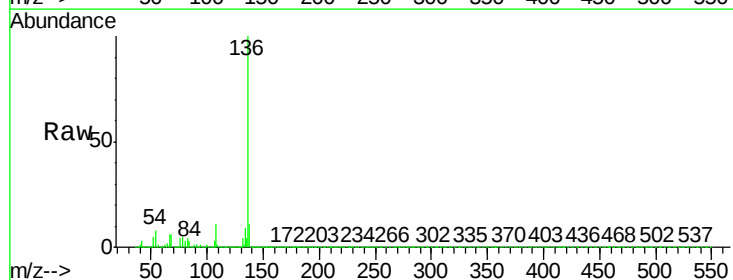
Ion Ratio Lower Upper

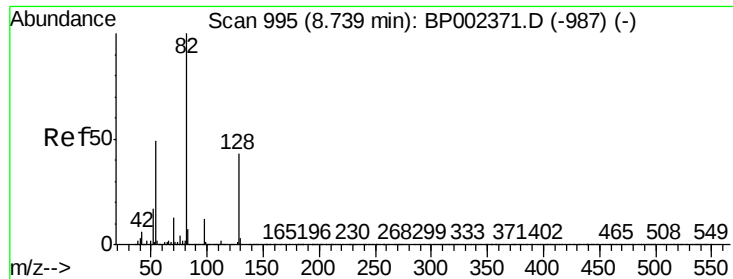
136 100

137 11.1 8.9 13.3

54 8.3 6.6 10.0

68 6.2 5.4 8.0

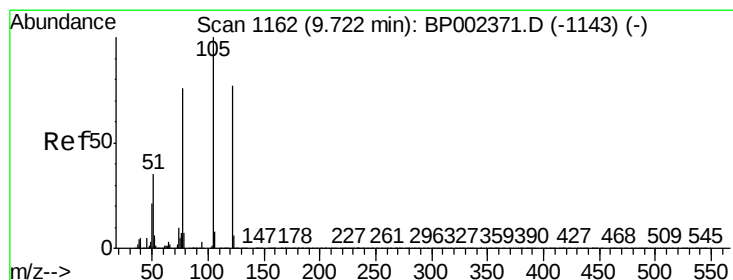
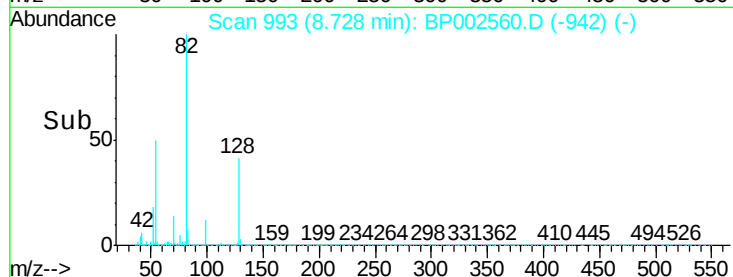
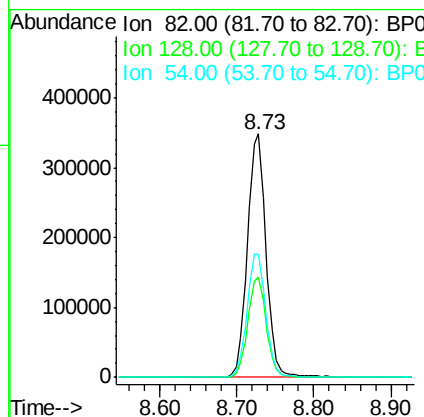
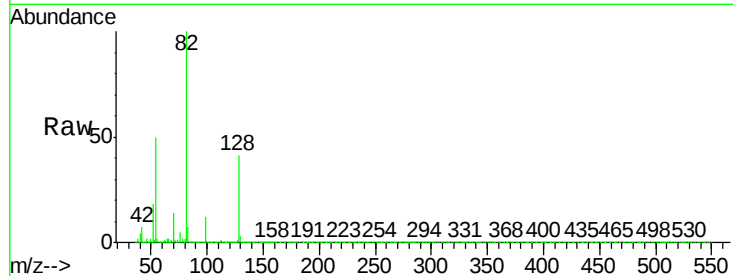




#23
 Nitrobenzene-d5
 Concen: 60.359 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BP002560.D
 Acq: 26 Jun 2020 20:11

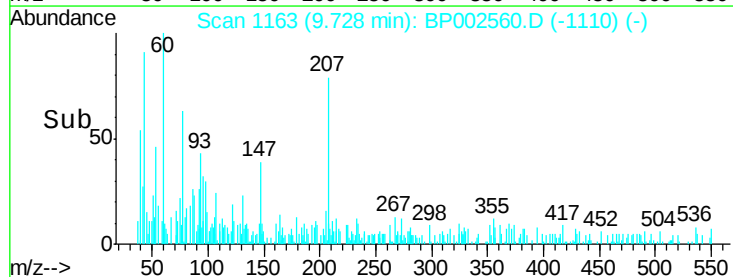
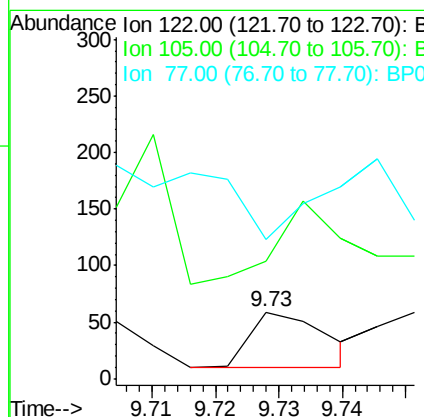
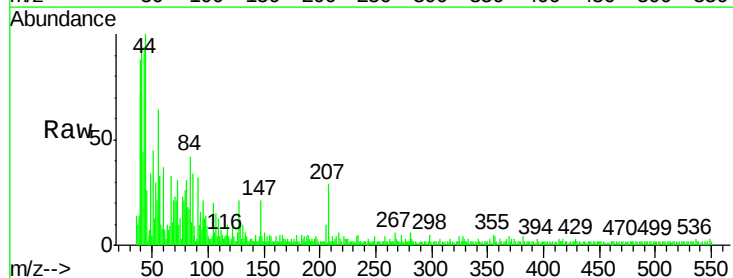
Instrument :
 BNA_P
 ClientSampleId :
 TP-8-S

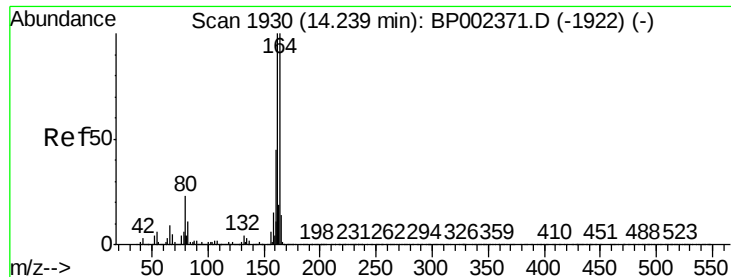
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.8	49.2
54	50.4	39.9	59.9



#32
 Benzoic acid
 Concen: 4.605 ng
 RT: 9.73 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BP002560.D
 Acq: 26 Jun 2020 20:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	176.3	105.0	145.0#
77	208.5	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: BP002560.D

Acq: 26 Jun 2020 20:11

Instrument :

BNA_P

ClientSampleId :

TP-8-S

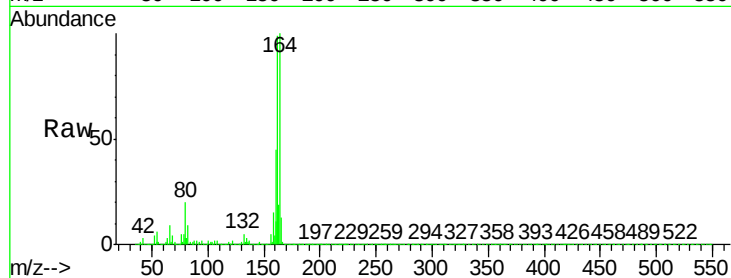
Tot Ion:164 Resp: 390559

Ion Ratio Lower Upper

164 100

162 98.6 80.6 121.0

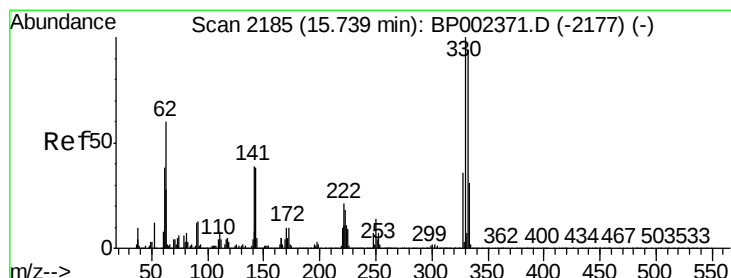
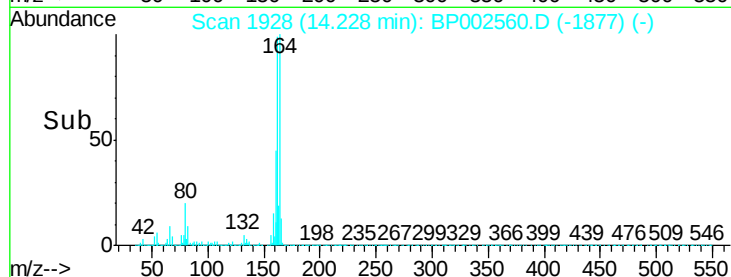
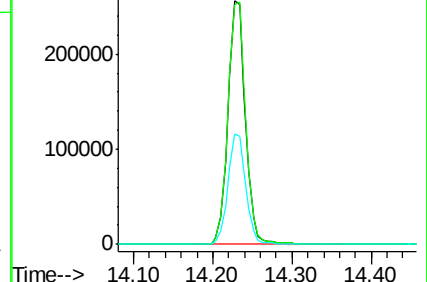
160 45.4 35.4 53.2



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: 102.822 ng

RT: 15.73 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BP002560.D

Acq: 26 Jun 2020 20:11

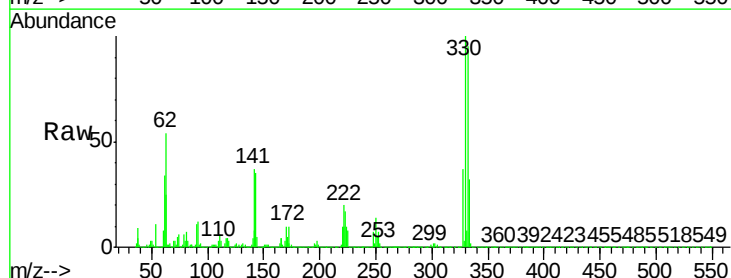
Tgt Ion:330 Resp: 384485

Ion Ratio Lower Upper

330 100

332 94.3 77.2 115.8

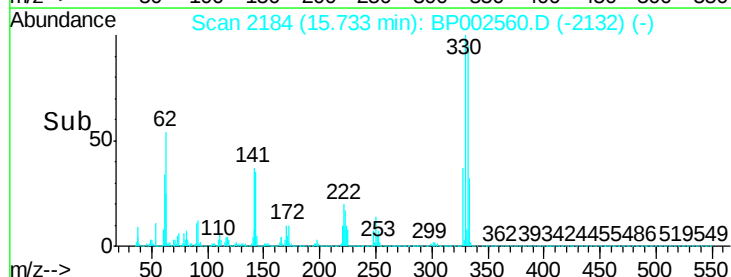
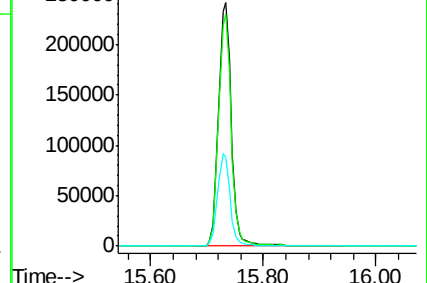
141 37.0 30.4 45.6

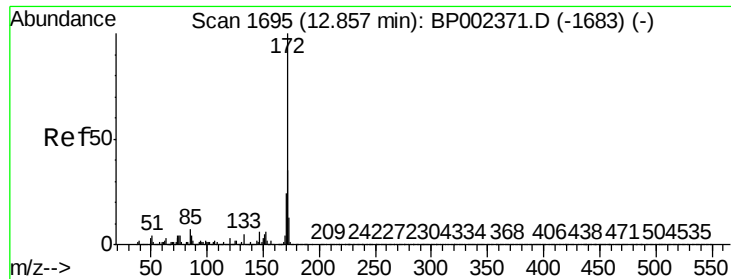


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

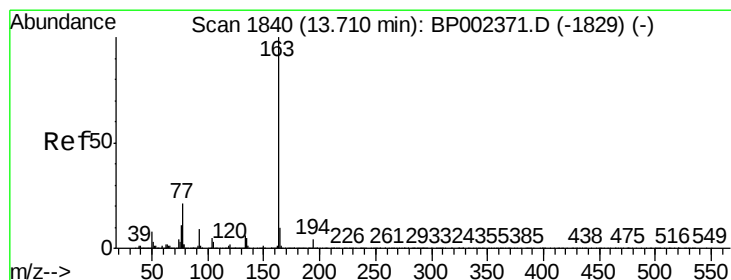
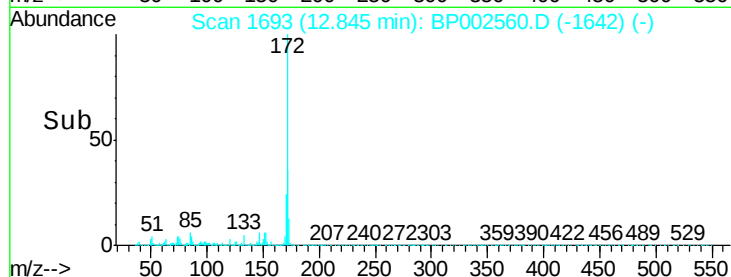
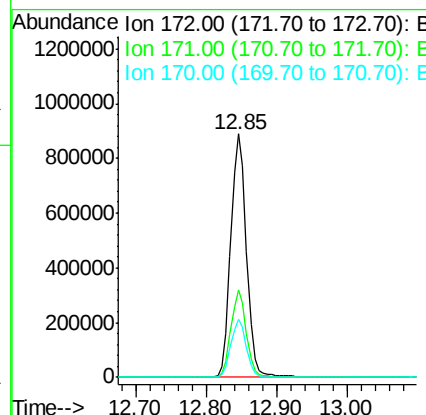
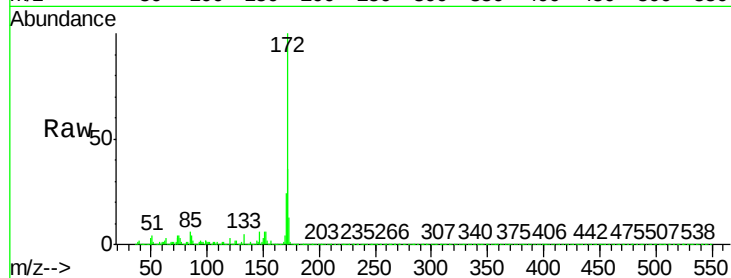




#45
2-Fluorobiphenyl
Concen: 59.413 ng
RT: 12.85 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BP002560.D
Acq: 26 Jun 2020 20:11

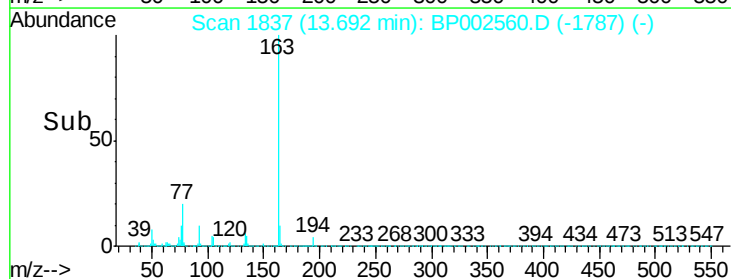
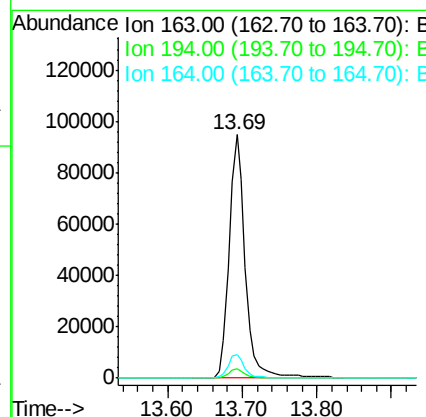
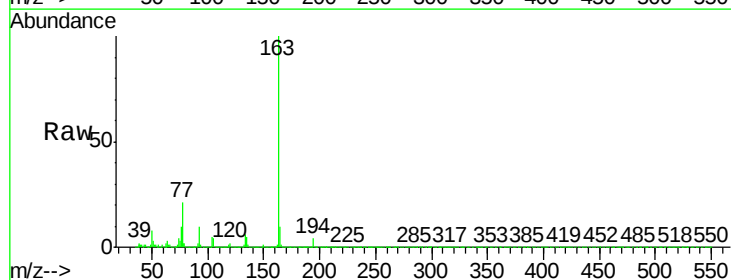
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BNA_P
ClientSampleId :
TP-8-S

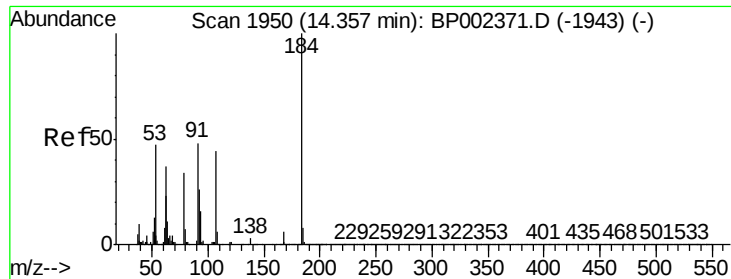
Tot Ion:172 Resp: 1380035
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.8 19.0 28.6



#50
Dimethylphthalate
Concen: 5.325 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP002560.D
Acq: 26 Jun 2020 20:11

Tgt Ion:163 Resp: 142505
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.8 8.2 12.2

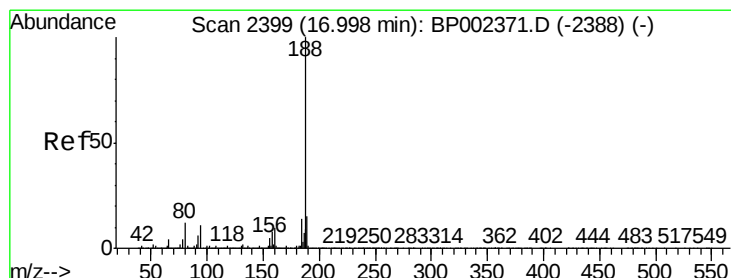
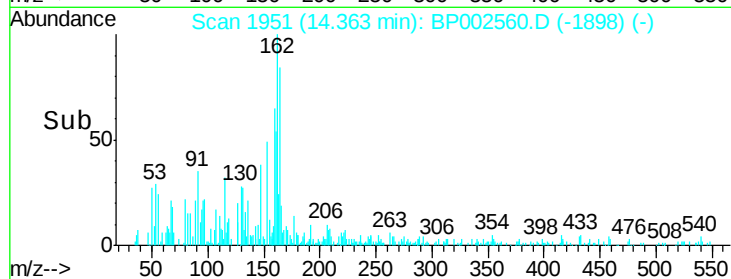
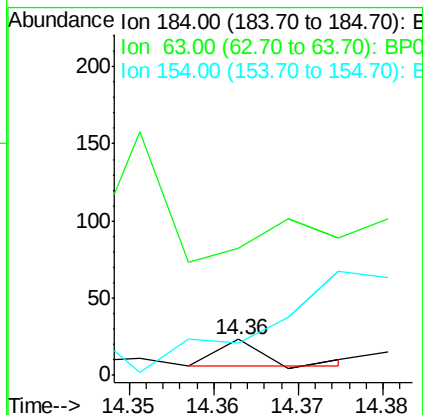
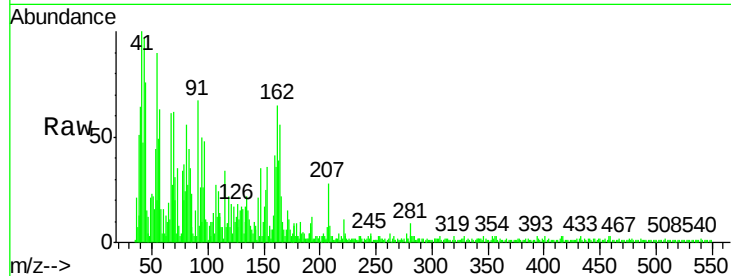




#54
 2,4-Dinitrophenol
 Concen: 2.788 ng
 RT: 14.36 min Scan# 1951
 Delta R.T. 0.01 min
 Lab File: BP002560.D
 Acq: 26 Jun 2020 20:11

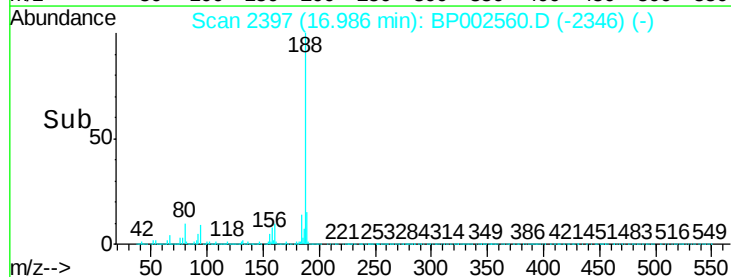
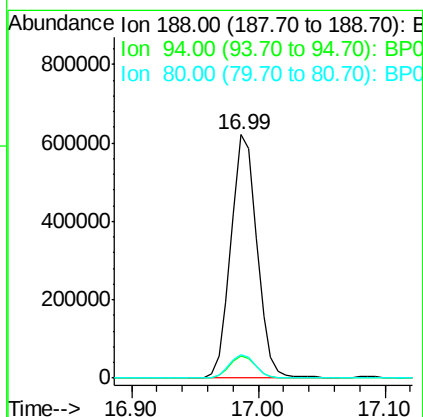
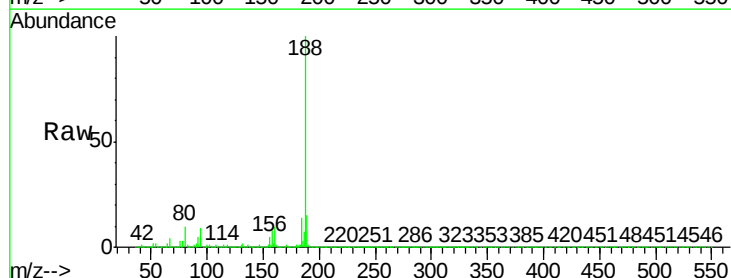
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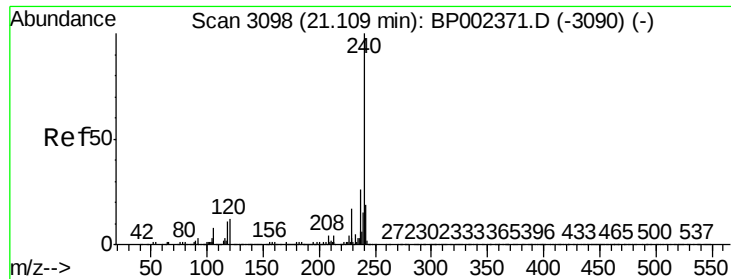
Tot Ion:184 Resp: 7
 Ion Ratio Lower Upper
 184 100
 63 356.5 51.3 76.9#
 154 91.3 50.2 75.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BP002560.D
 Acq: 26 Jun 2020 20:11

Tgt Ion:188 Resp: 883294
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.6 11.4
 80 9.7 8.3 12.5

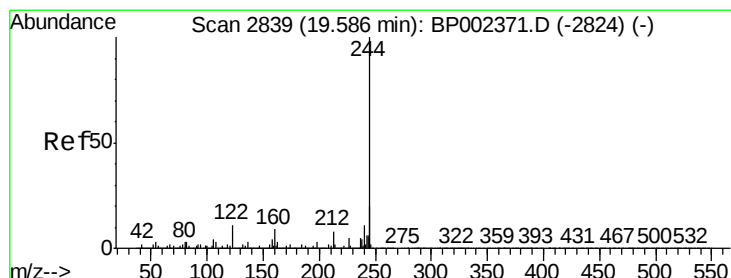
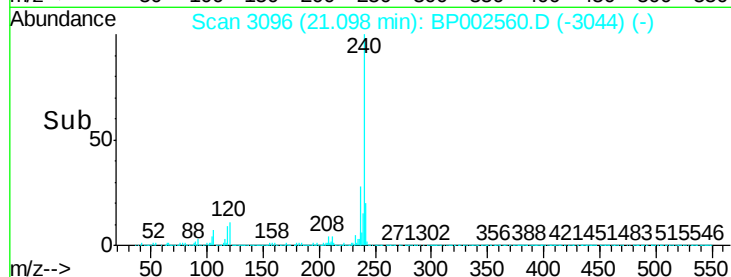
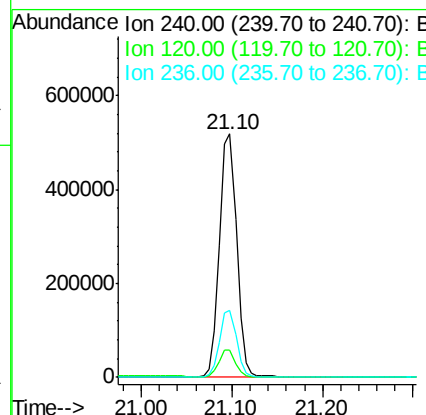
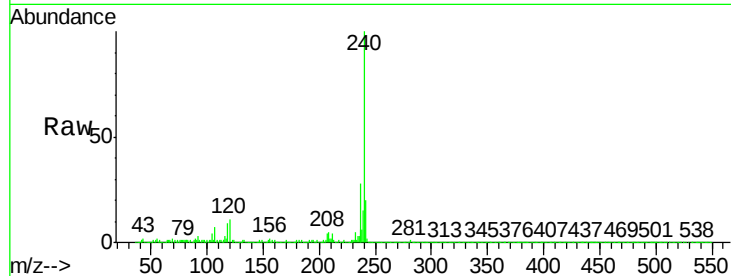




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BP002560.D
Acq: 26 Jun 2020 20:11

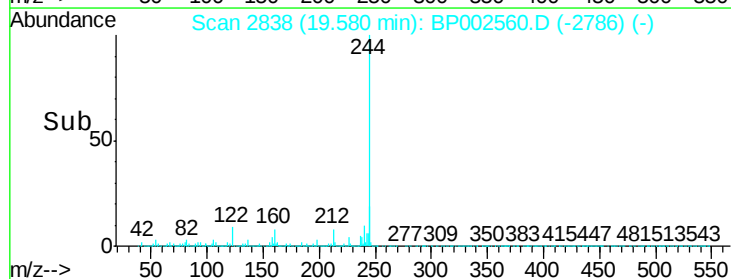
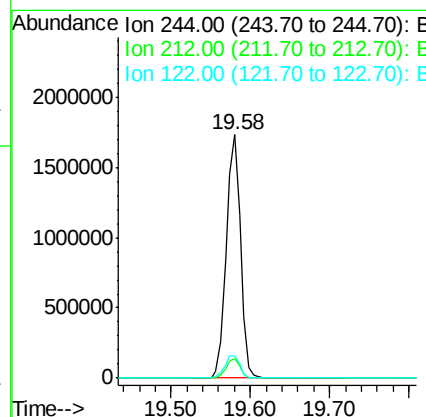
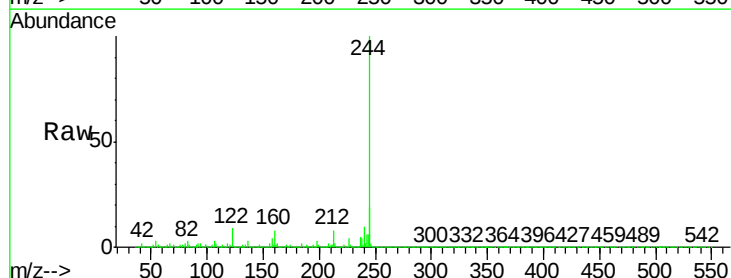
Instrument :
BNA_P
ClientSampleId :
TP-8-S

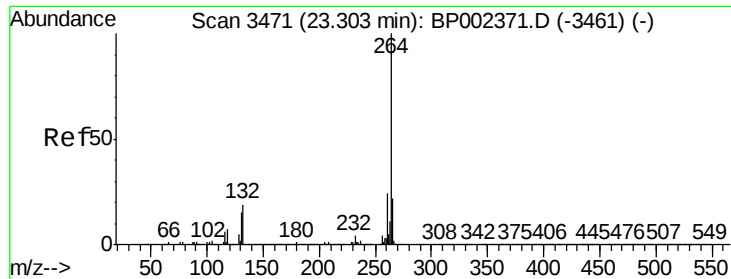
Tot Ion:240 Resp: 684428
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 27.7 21.7 32.5



#79
Terphenyl-d14
Concen: 78.677 ng
RT: 19.58 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BP002560.D
Acq: 26 Jun 2020 20:11

Tgt Ion:244 Resp: 2149980
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 9.3 8.0 12.0





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. 0.01 min
Lab File: BP002560.D
Acq: 26 Jun 2020 20:11

Instrument :
BNA_P
ClientSampleId :
TP-8-S

Tot Ion: 264 Resp: 606454

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.6	17.6	26.4

