

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002505.D
 Acq On : 23 Jun 2020 16:24
 Operator : CG/JU
 Sample : L3082-02RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2

Quant Time: Jun 23 17:25:56 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

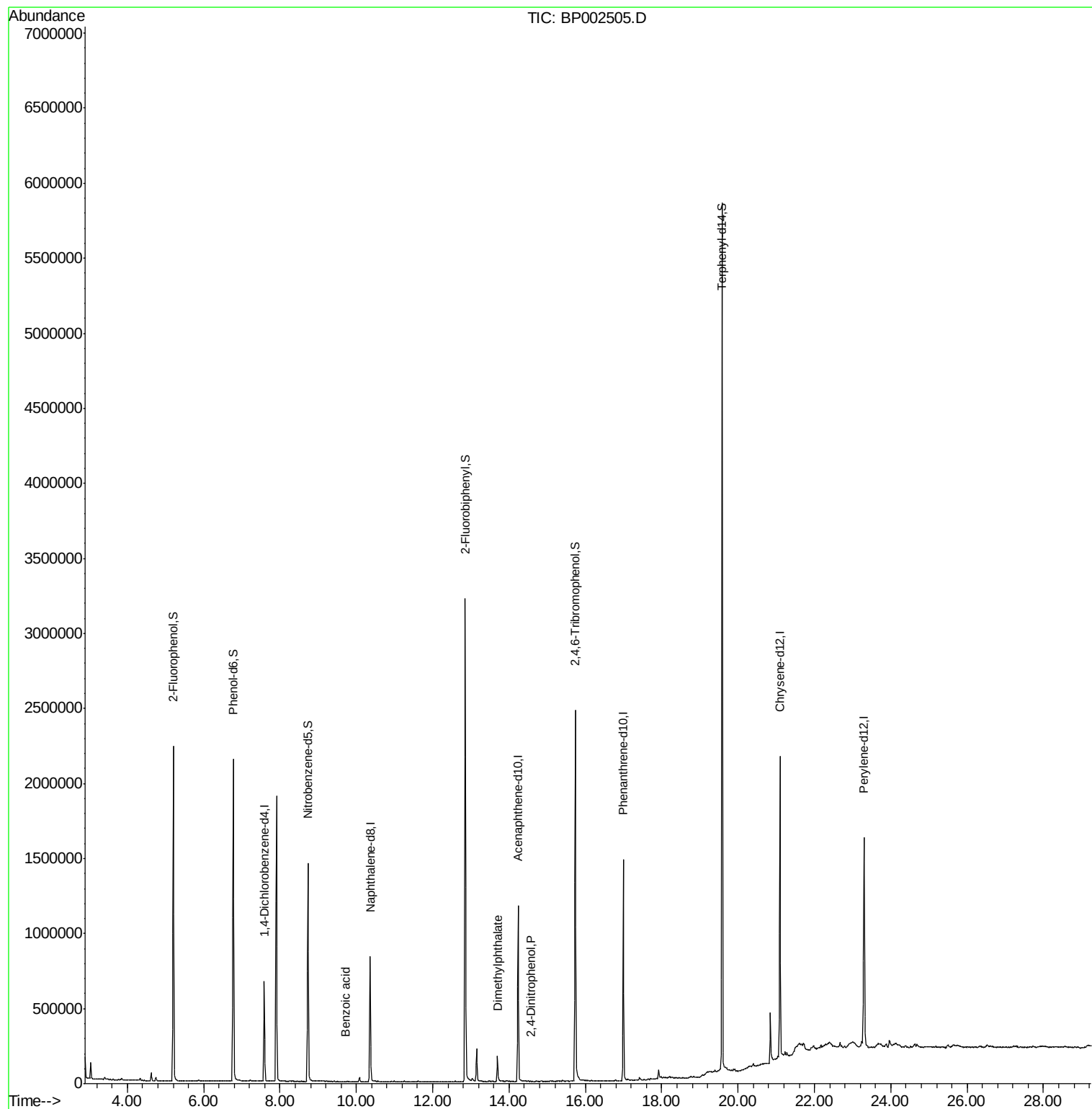
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	173148	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	682676	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	408326	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	890940	20.00	ng	0.00
76) Chrysene-d12	21.10	240	926578	20.00	ng	-0.01
86) Perylene-d12	23.30	264	980623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	943731	100.86	ng	0.00
7) Phenol-d6	6.78	99	1258614	101.03	ng	0.00
23) Nitrobenzene-d5	8.73	82	843518	73.79	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	461334	118.01	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1833870	75.52	ng	0.00
79) Terphenyl-d14	19.58	244	2777160	73.18	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	178	Below Cal	#	40
32) Benzoic acid	9.73	122	108	4.613 ng	#	49
50) Dimethylphthalate	13.70	163	127149	4.545 ng		100
54) 2,4-Dinitrophenol	14.56	184	32	2.795 ng		97
61) 4-Chlorophenyl-phenylether	15.28	204	36	Below Cal	#	1

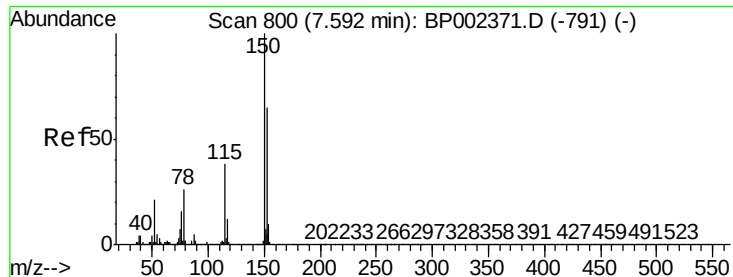
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 15:08:53 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002505.D

Acq: 23 Jun 2020 16:24

Instrument :

BNA_P

ClientSampleId :

SB-2

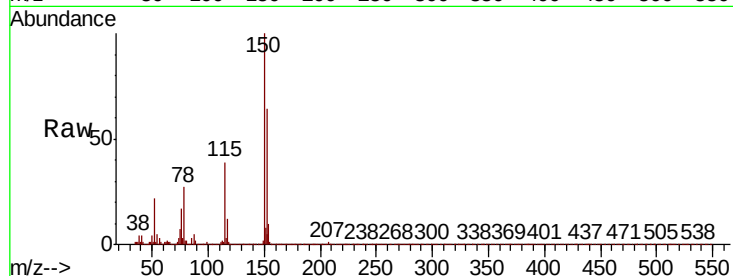
Tot Ion:152 Resp: 173148

Ion Ratio Lower Upper

152 100

150 156.0 124.0 186.0

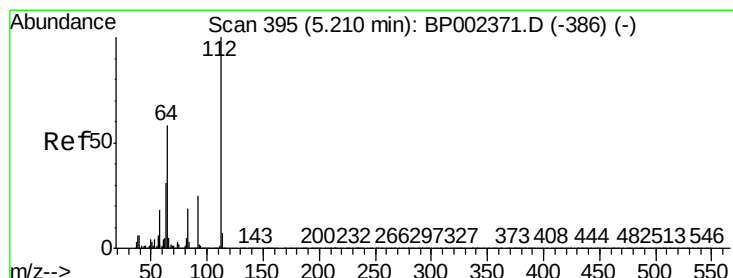
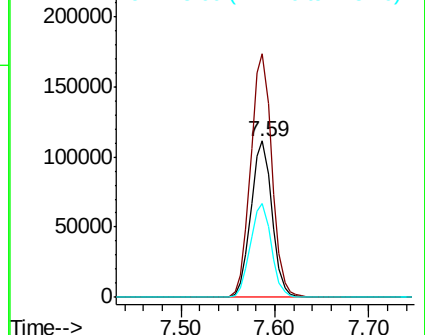
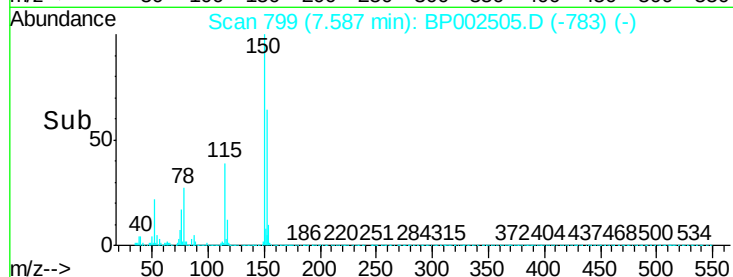
115 60.5 47.4 71.0



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: 100.855 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002505.D

Acq: 23 Jun 2020 16:24

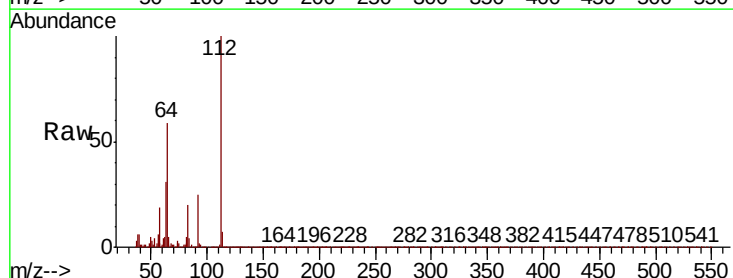
Tgt Ion:112 Resp: 943731

Ion Ratio Lower Upper

112 100

64 58.8 46.2 69.2

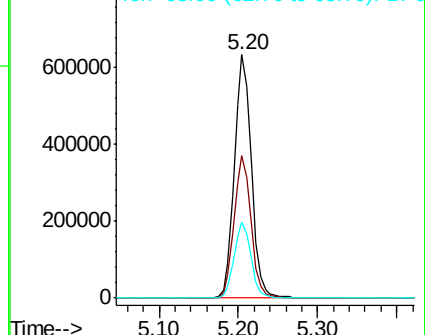
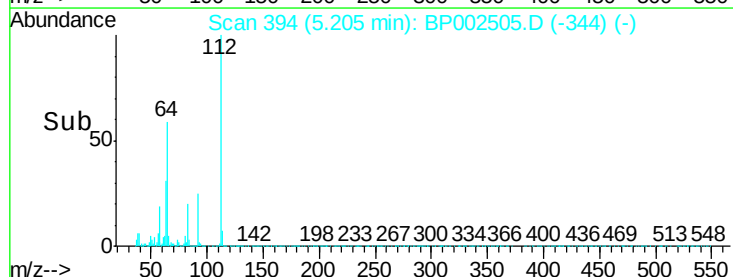
63 31.0 24.5 36.7

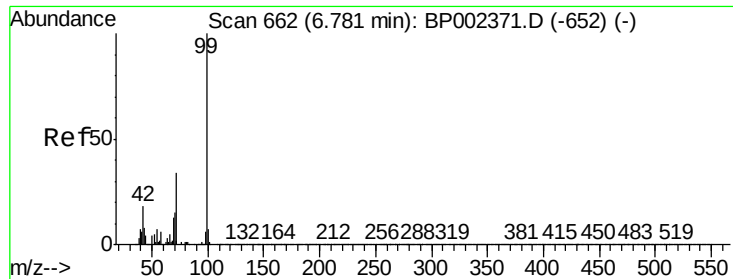


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 101.027 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002505.D

Acq: 23 Jun 2020 16:24

Instrument :

BNA_P

ClientSampleId :

SB-2

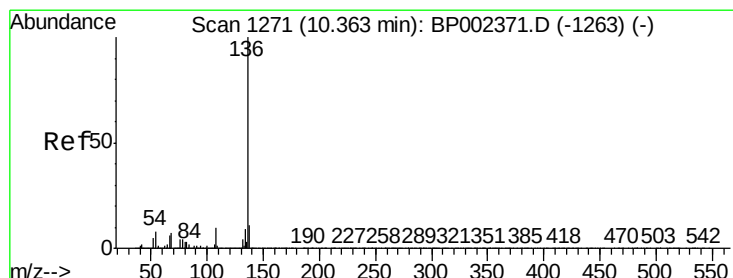
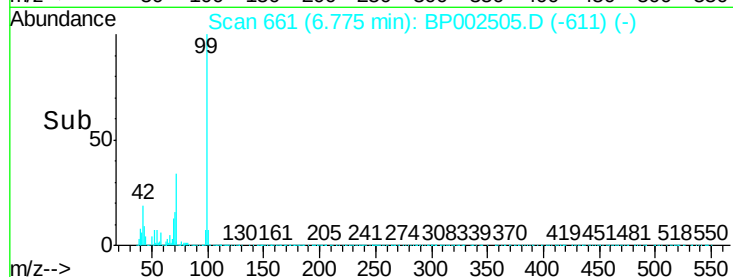
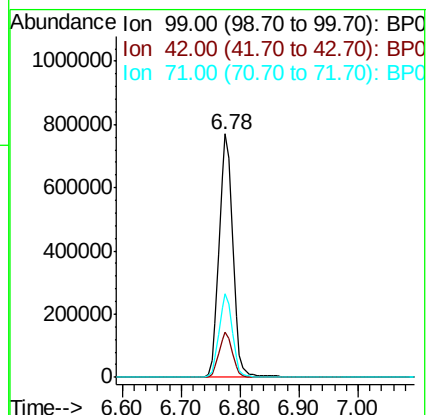
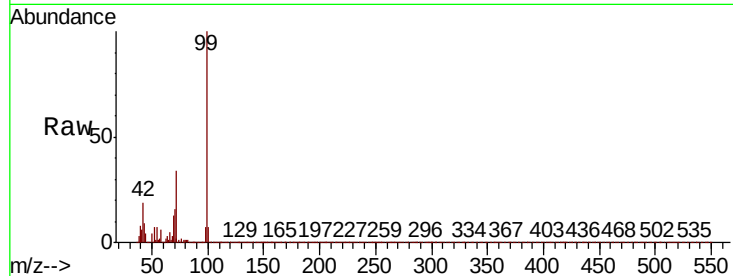
Tot Ion: 99 Resp: 1258614

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.6	22.0
71	34.2	27.2	40.8

99 100

42 18.7 14.6 22.0

71 34.2 27.2 40.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002505.D

Acq: 23 Jun 2020 16:24

Tgt Ion: 136 Resp: 682676

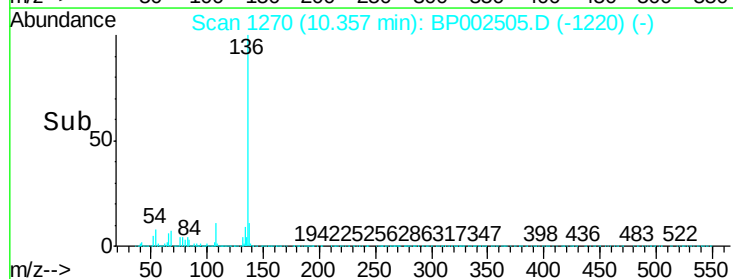
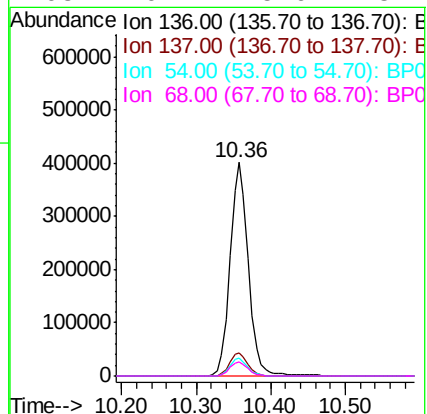
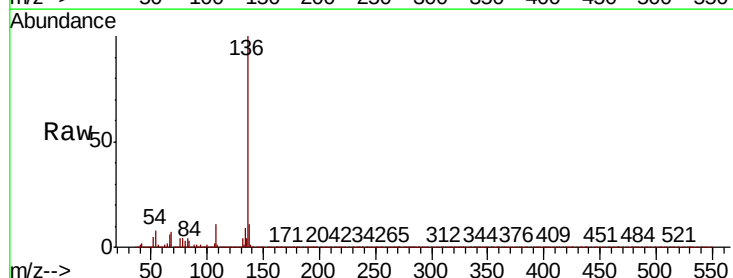
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.3	6.4	9.6
68	6.7	5.6	8.4

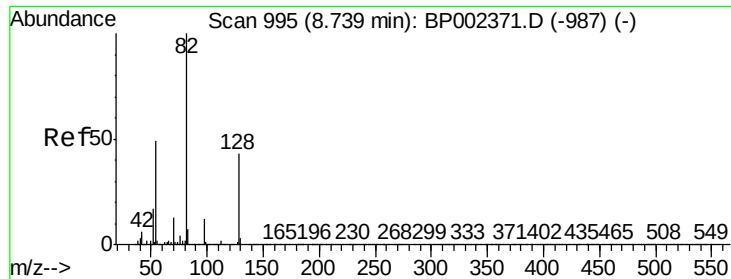
136 100

137 10.8 8.8 13.2

54 8.3 6.4 9.6

68 6.7 5.6 8.4

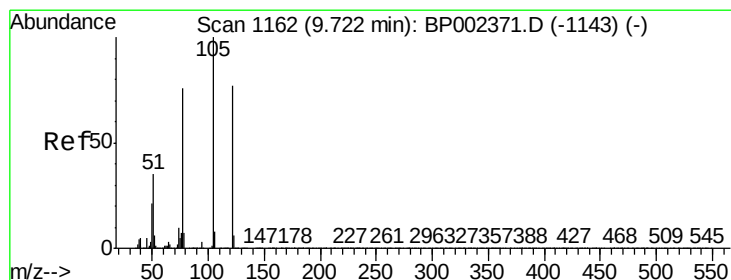
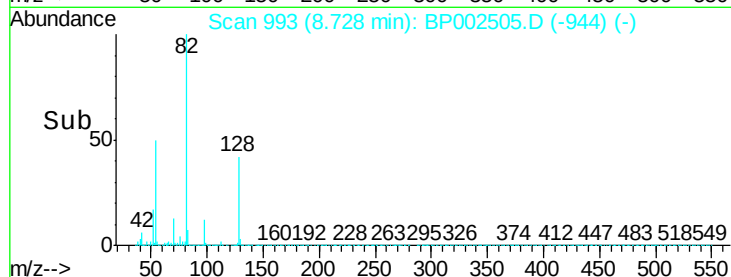
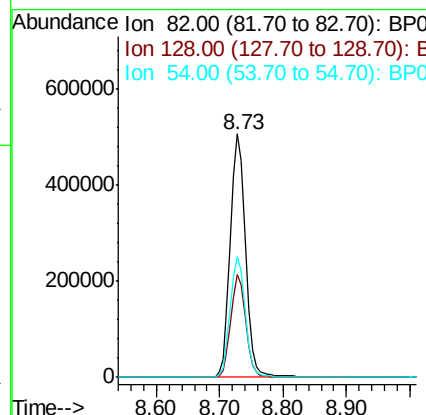
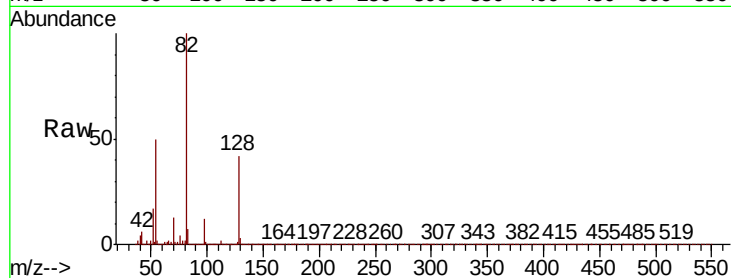




#23
Nitrobenzene-d5
Concen: 73.789 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002505.D
Acq: 23 Jun 2020 16:24

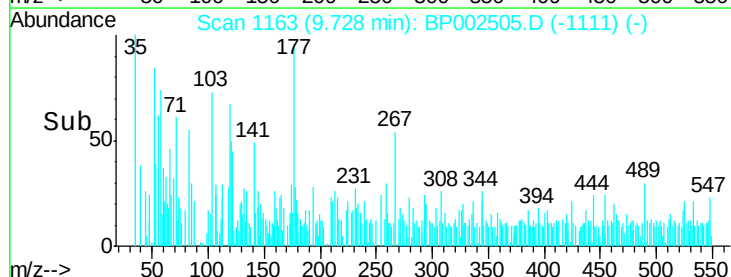
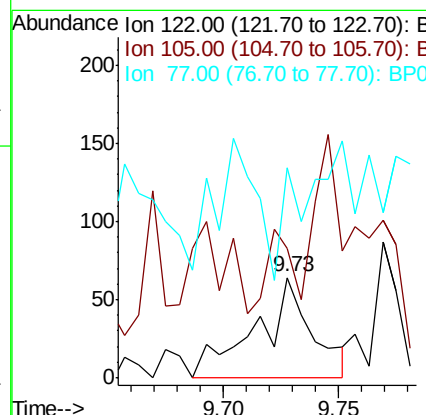
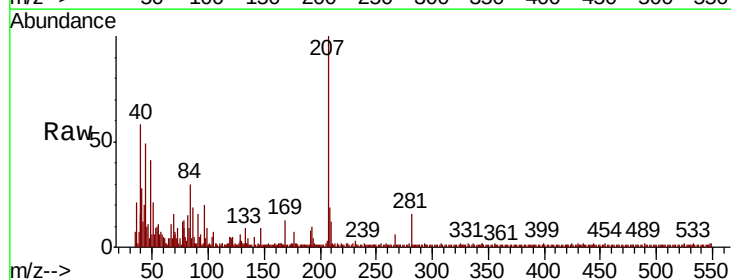
Instrument :
BNA_P
ClientSampleId :
SB-2

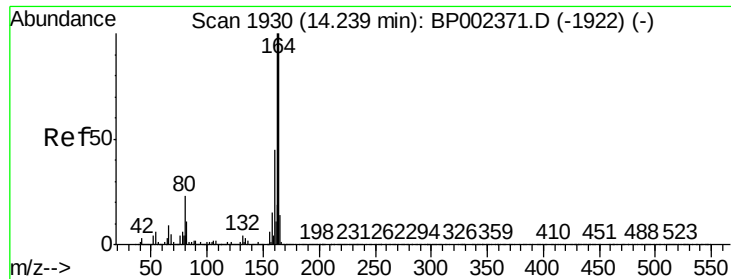
Tot Ion	82	Resp	843518
Ion Ratio	Lower	Upper	
82	100		
128	42.0	34.5	51.7
54	49.6	39.4	59.2



#32
Benzoic acid
Concen: 4.613 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BP002505.D
Acq: 23 Jun 2020 16:24

Tgt Ion	122	Resp	108
Ion Ratio	Lower	Upper	
122	100		
105	129.7	106.3	146.3
77	209.4	77.5	117.5#

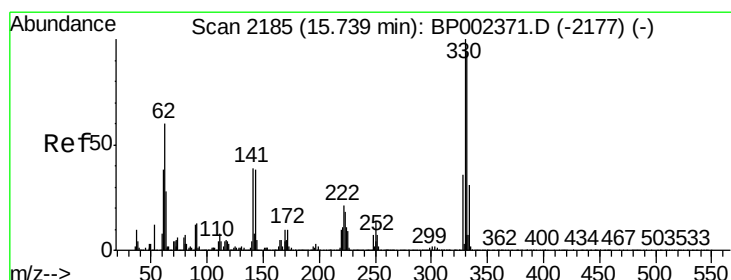
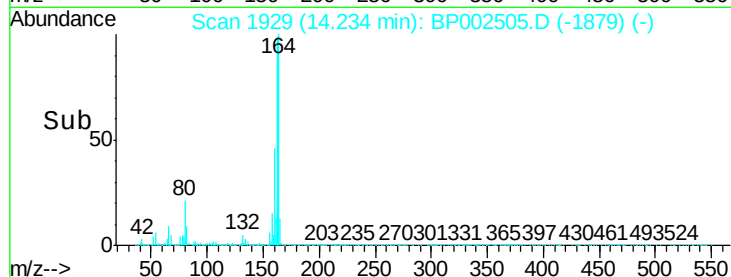
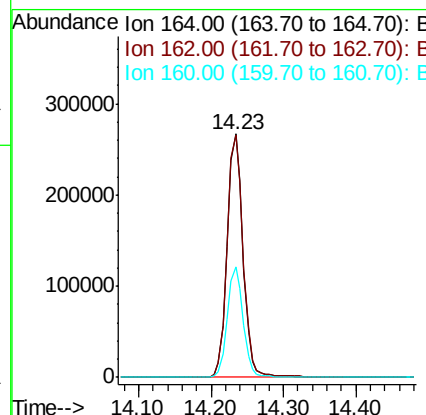
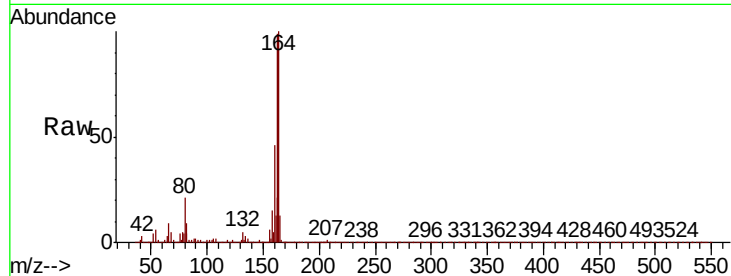




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002505.D
Acq: 23 Jun 2020 16:24

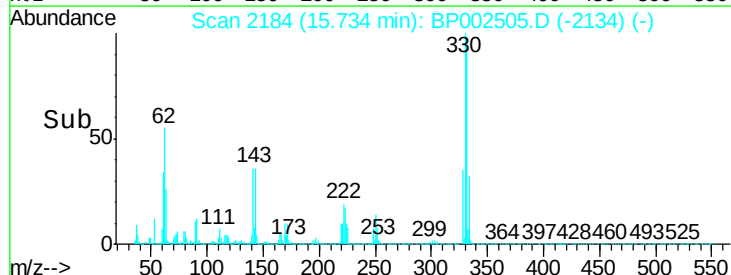
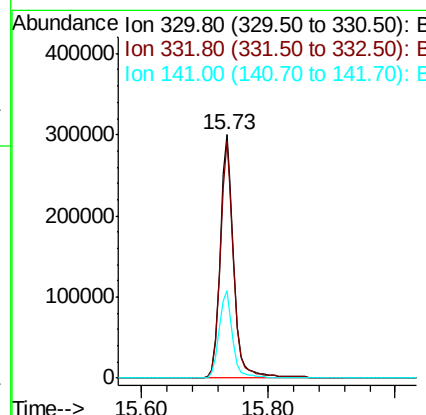
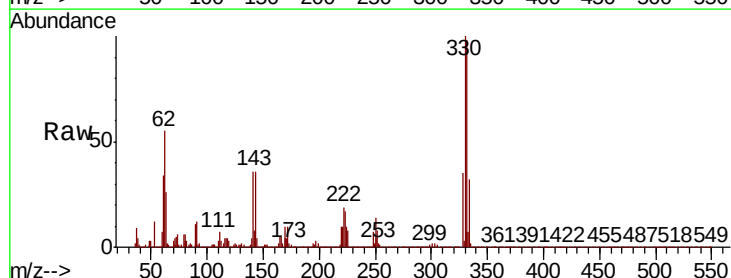
Instrument :
BNA_P
ClientSampleId :
SB-2

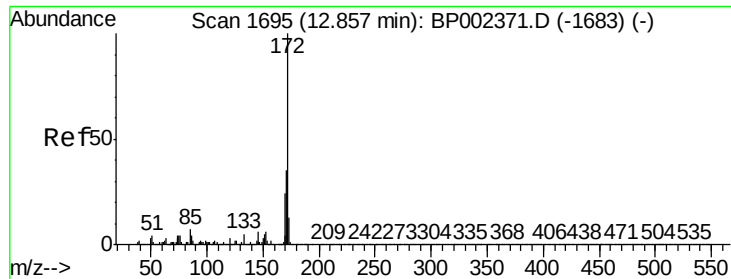
Tot Ion:164 Resp: 408326
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 45.6 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 118.005 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002505.D
Acq: 23 Jun 2020 16:24

Tgt Ion:330 Resp: 461334
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 36.2 30.3 45.5

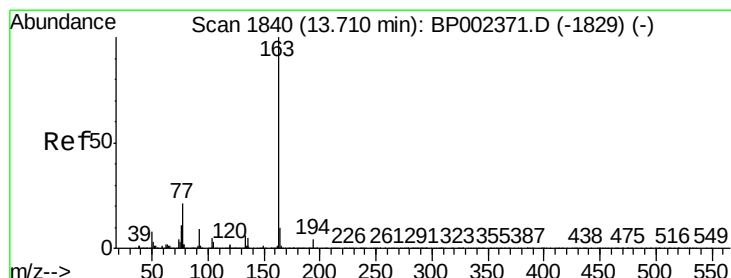
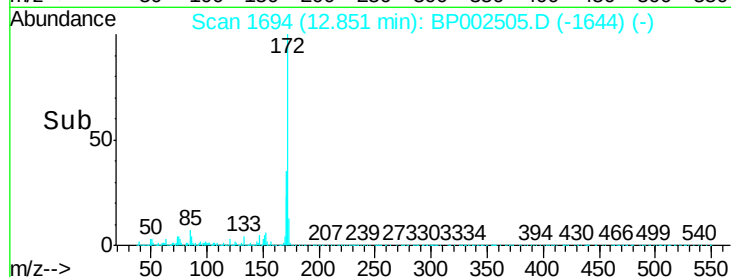
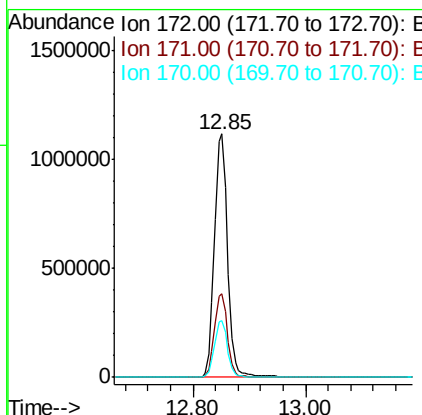
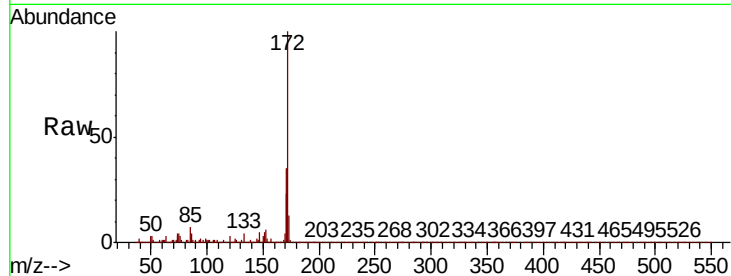




#45
2-Fluorobiphenyl
Concen: 75.516 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002505.D
Acq: 23 Jun 2020 16:24

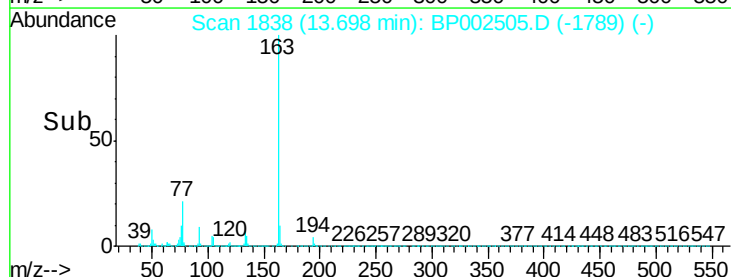
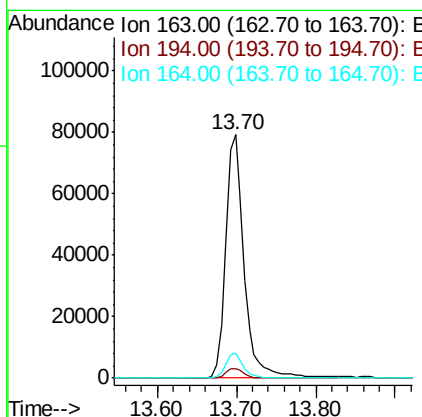
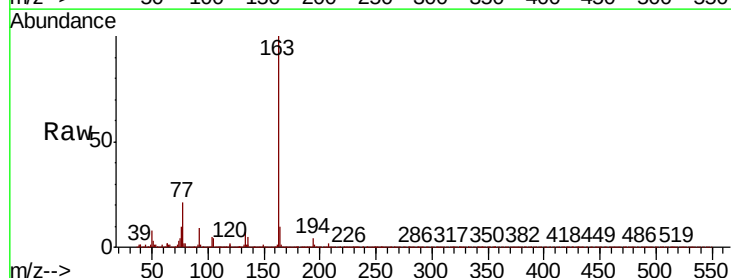
Instrument :
BNA_P
ClientSampled :
SB-2

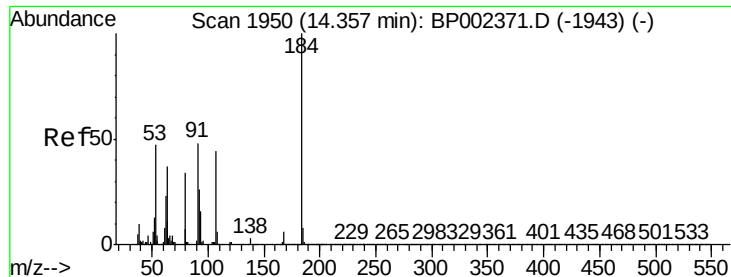
Tot Ion:172 Resp: 1833870
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.4 19.0 28.6



#50
Dimethylphthalate
Concen: 4.545 ng
RT: 13.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BP002505.D
Acq: 23 Jun 2020 16:24

Tgt Ion:163 Resp: 127149
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.1 12.1

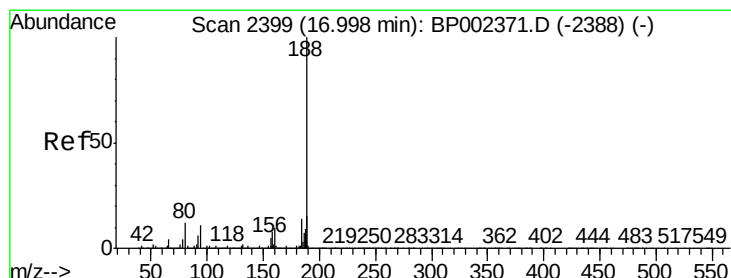
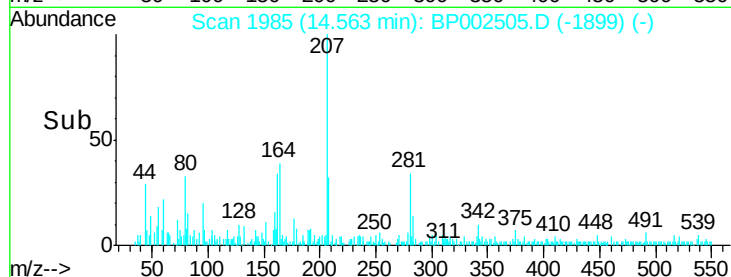
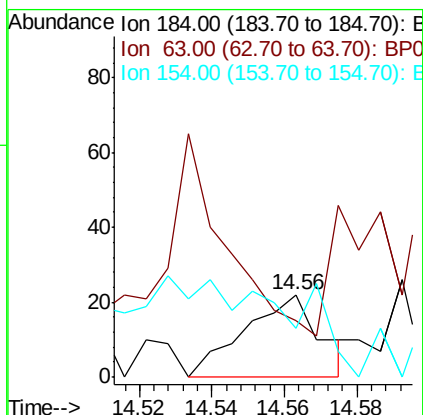
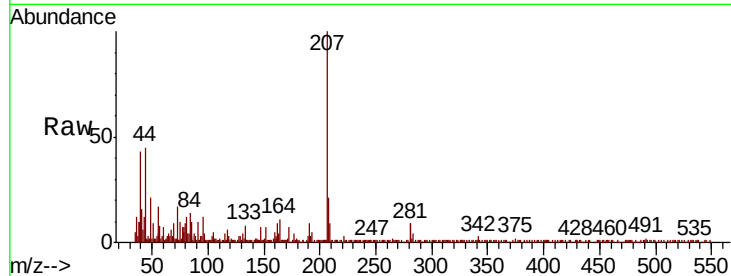




#54
2,4-Dinitrophenol
Concen: 2.795 ng
RT: 14.56 min Scan# 1985
Delta R.T. 0.21 min
Lab File: BP002505.D
Acq: 23 Jun 2020 16:24

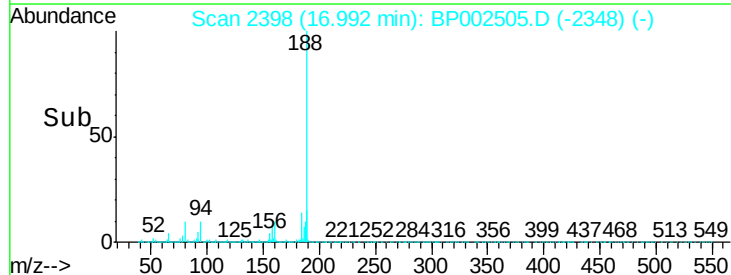
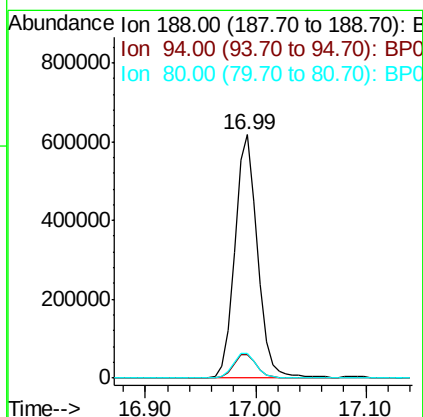
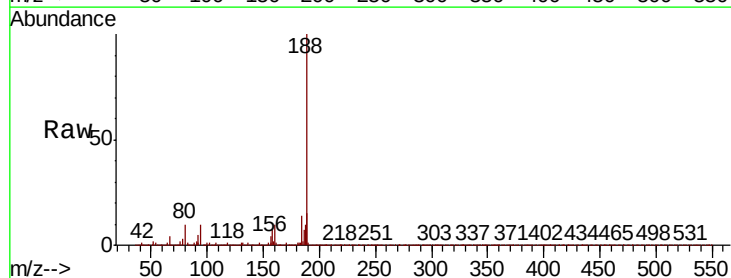
Instrument :
BNA_P
ClientSampled :
SB-2

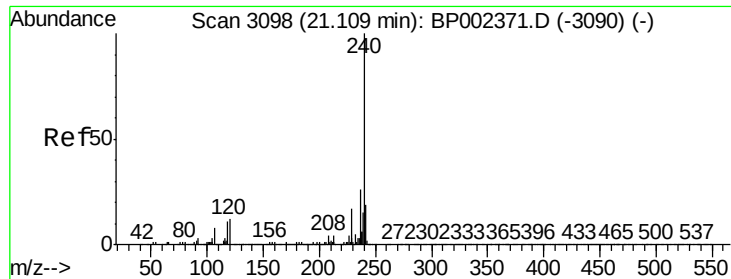
Tot Ion:184 Resp: 32
Ion Ratio Lower Upper
184 100
63 68.2 52.3 78.5
154 59.1 48.6 72.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002505.D
Acq: 23 Jun 2020 16:24

Tgt Ion:188 Resp: 890940
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.3 9.4 14.0

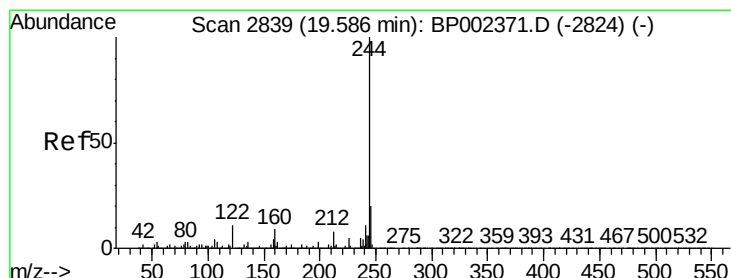
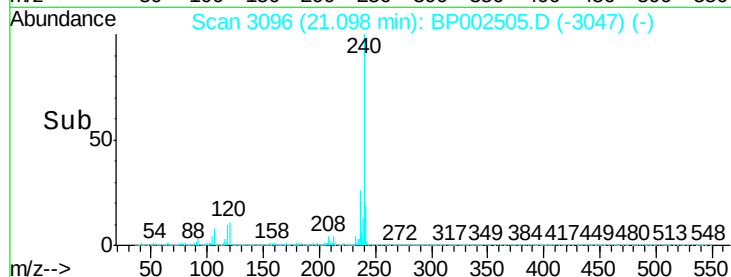
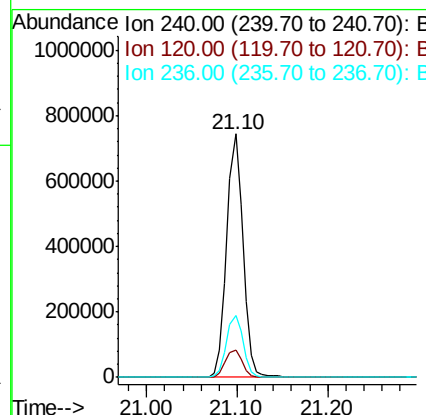
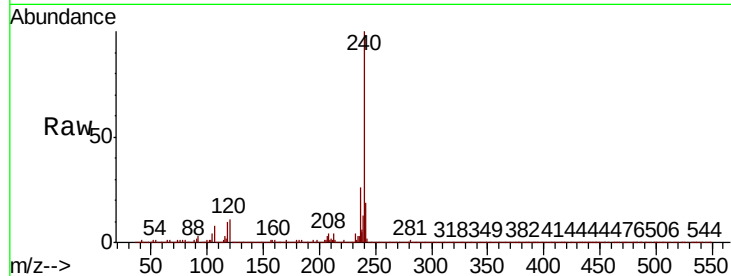




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002505.D
Acq: 23 Jun 2020 16:24

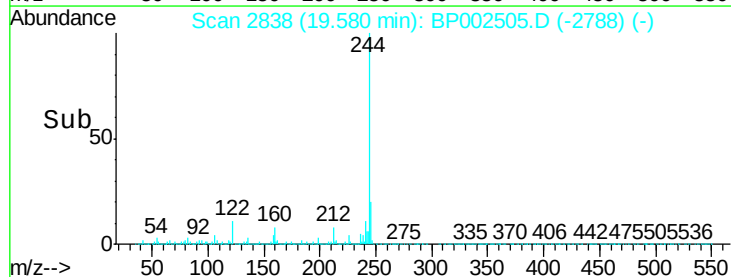
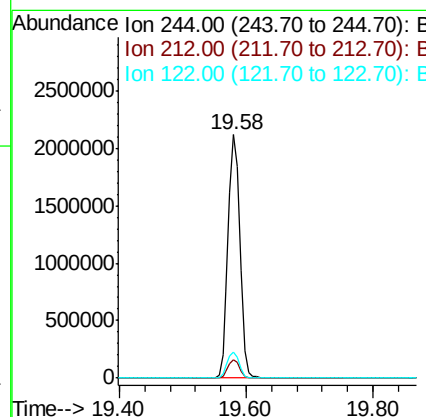
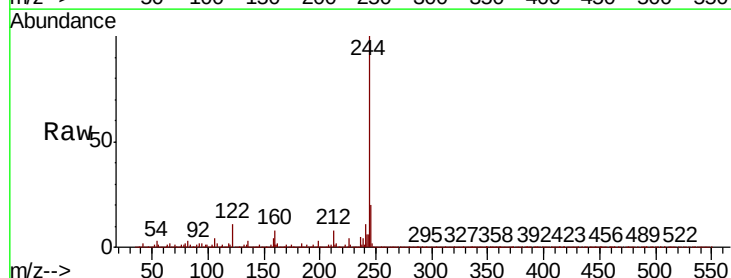
Instrument :
BNA_P
ClientSampled :
SB-2

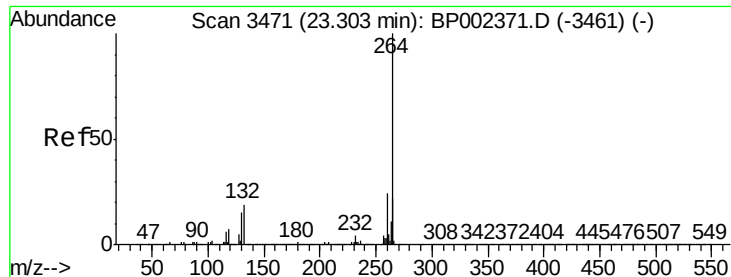
Tot Ion:240 Resp: 926578
Ion Ratio Lower Upper
240 100
120 11.2 9.3 13.9
236 25.6 21.0 31.6



#79
Terphenyl-d14
Concen: 73.178 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002505.D
Acq: 23 Jun 2020 16:24

Tgt Ion:244 Resp: 2777160
Ion Ratio Lower Upper
244 100
212 7.6 6.6 10.0
122 10.9 8.8 13.2





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002505.D
Acq: 23 Jun 2020 16:24

Instrument :
BNA_P
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.0
265	22.5	17.4	26.2

