

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
 Data File : BP002554.D
 Acq On : 26 Jun 2020 16:48
 Operator : CG/JU
 Sample : L3049-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WEST-2-18.0

Quant Time: Jun 27 05:27:47 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

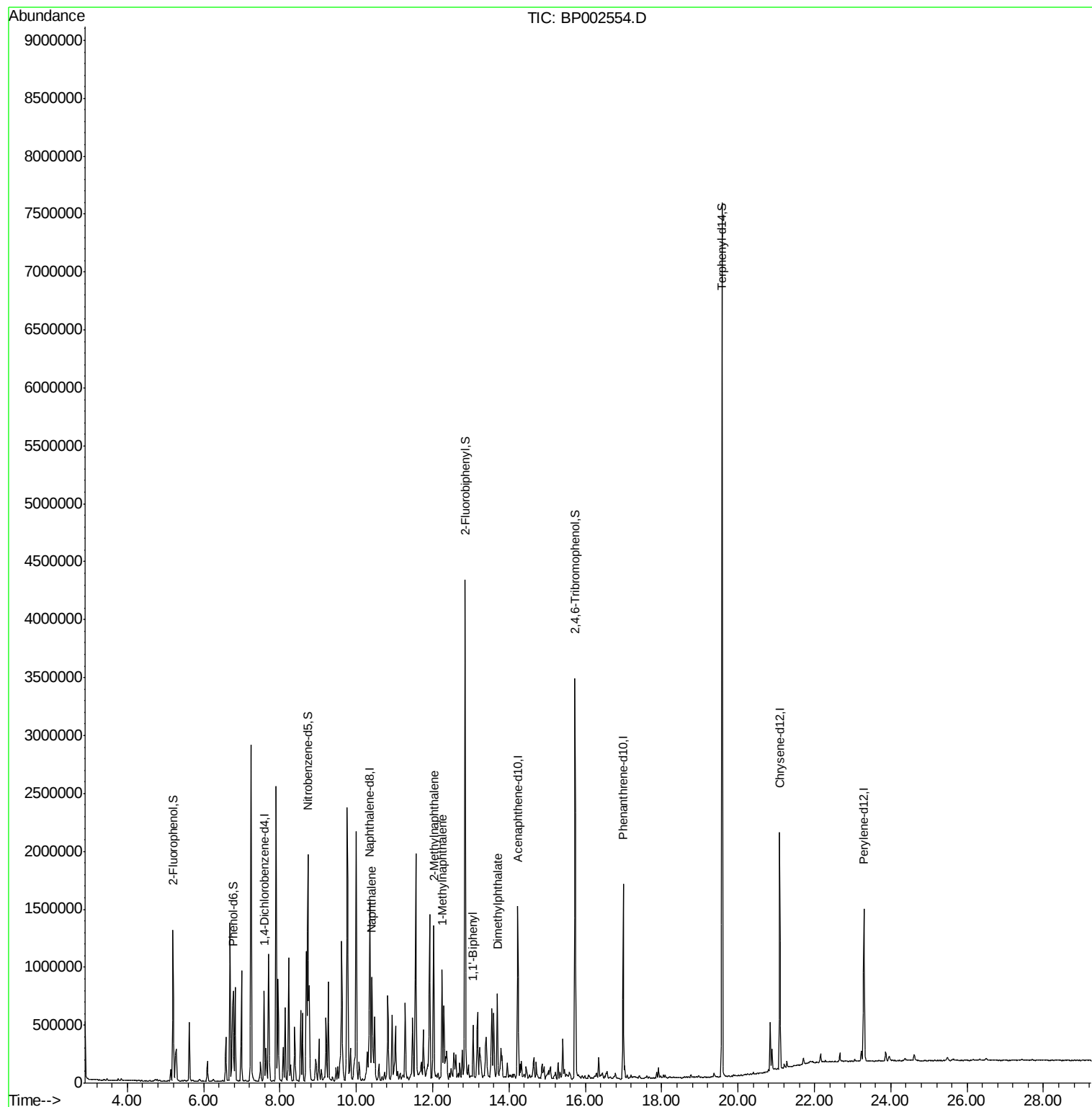
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	203879	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	764243	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	472749	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1019709	20.00	ng	0.00
76) Chrysene-d12	21.09	240	971691	20.00	ng	0.00
86) Perylene-d12	23.29	264	895539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	552255	50.12	ng	0.00
7) Phenol-d6	6.77	99	418500	28.53	ng	0.00
23) Nitrobenzene-d5	8.73	82	1125853	87.98	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	658010	145.38	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2319734	82.51	ng	0.00
79) Terphenyl-d14	19.58	244	3760231	106.48	ng	0.00
Target Compounds						
31) Naphthalene	10.40	128	519224	14.624	ng	97
37) 2-Methylnaphthalene	12.03	142	633815	25.151	ng	99
38) 1-Methylnaphthalene	12.25	142	397965	16.825	ng	99
46) 1,1'-Biphenyl	13.06	154	196592	6.345	ng	96
50) Dimethylphthalate	13.69	163	437054	13.492	ng	99

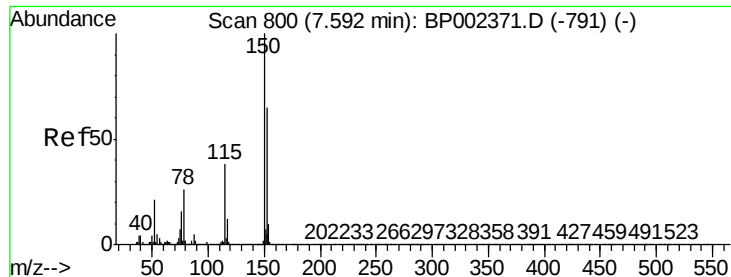
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002554.D

Acq: 26 Jun 2020 16:48

Instrument :

BNA_P

ClientSampleId :

WEST-2-18.0

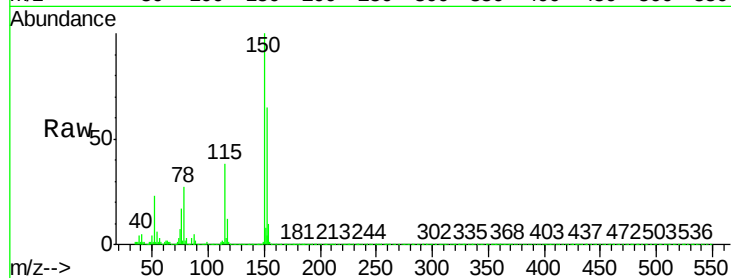
Tot Ion:152 Resp: 203879

Ion Ratio Lower Upper

152 100

150 153.1 124.4 186.6

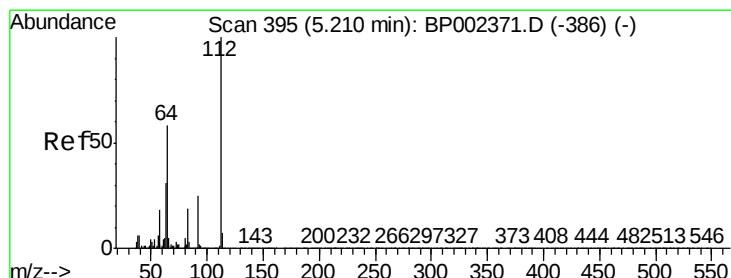
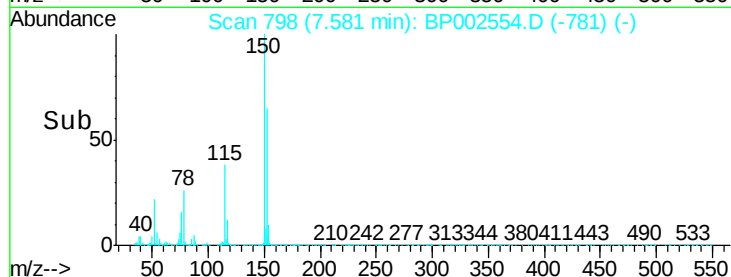
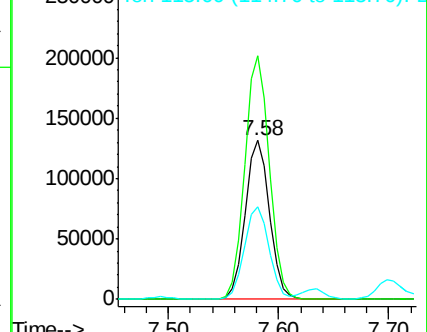
115 58.6 47.8 71.6



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: 50.123 ng

RT: 5.20 min Scan# 393

Delta R.T. -0.01 min

Lab File: BP002554.D

Acq: 26 Jun 2020 16:48

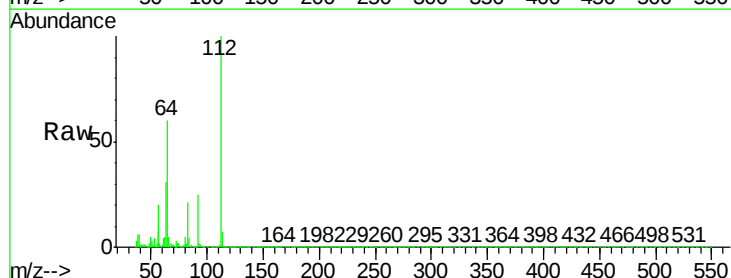
Tgt Ion:112 Resp: 552255

Ion Ratio Lower Upper

112 100

64 60.0 46.4 69.6

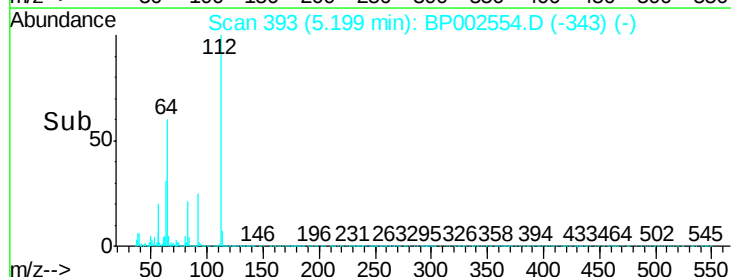
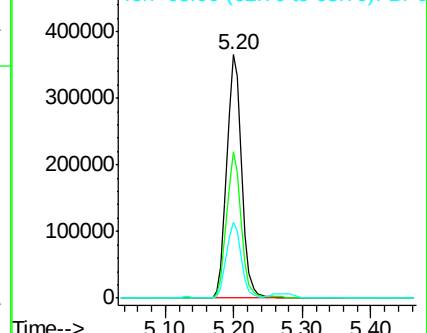
63 31.3 25.0 37.6

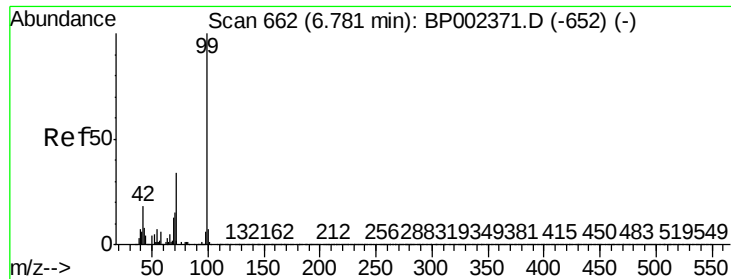


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 28.529 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.01 min

Lab File: BP002554.D

Acq: 26 Jun 2020 16:48

Instrument :

BNA_P

ClientSampleId :

WEST-2-18.0

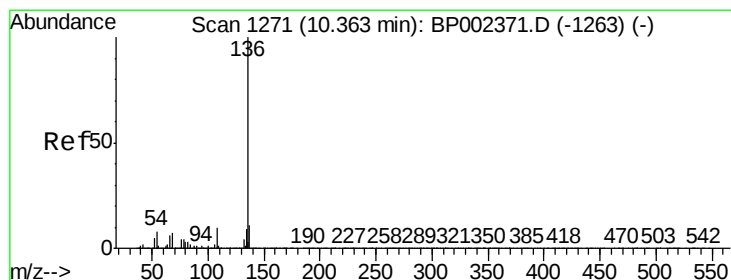
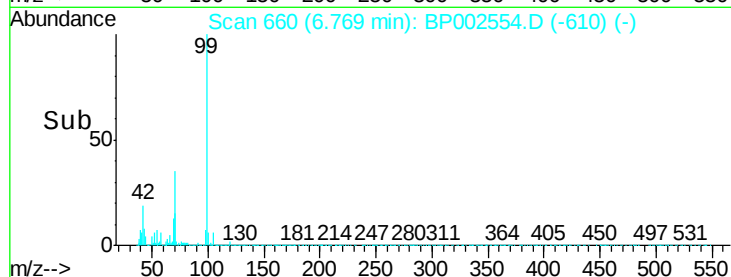
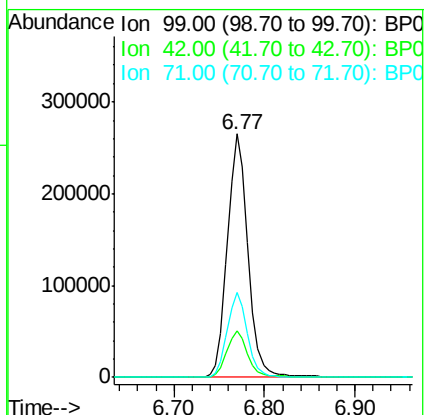
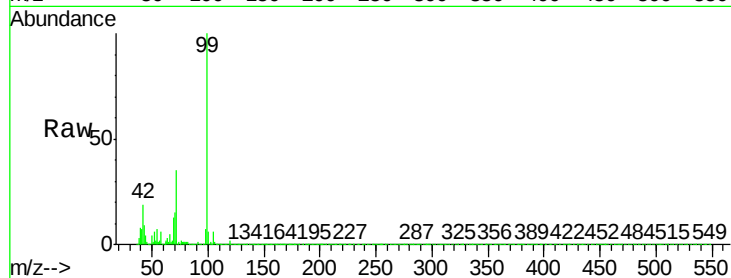
Tot Ion: 99 Resp: 418500

Ion Ratio Lower Upper

99 100

42 19.0 15.3 22.9

71 34.9 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: BP002554.D

Acq: 26 Jun 2020 16:48

Tgt Ion: 136 Resp: 764243

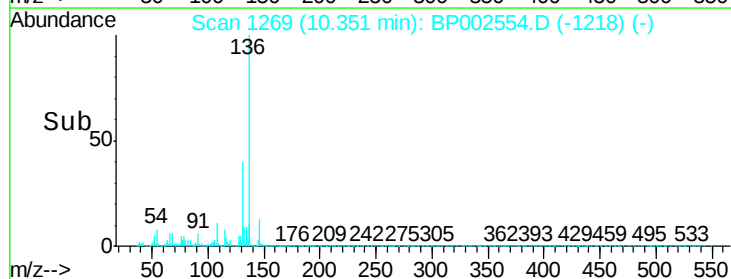
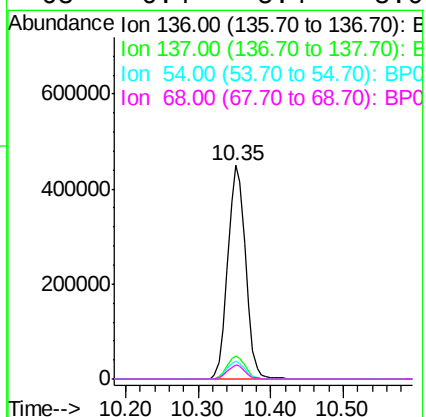
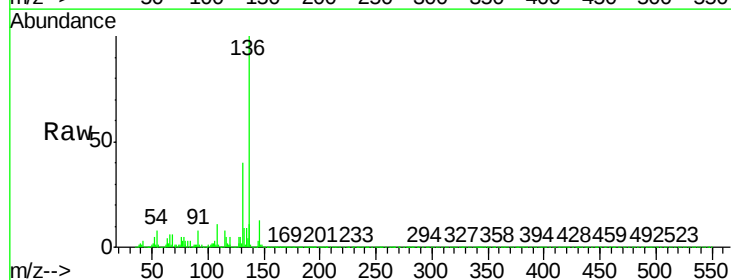
Ion Ratio Lower Upper

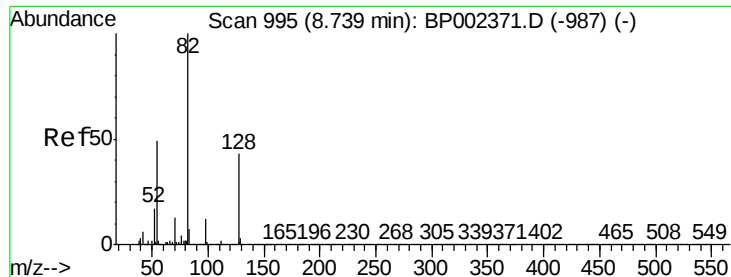
136 100

137 10.8 8.9 13.3

54 8.2 6.6 10.0

68 6.4 5.4 8.0

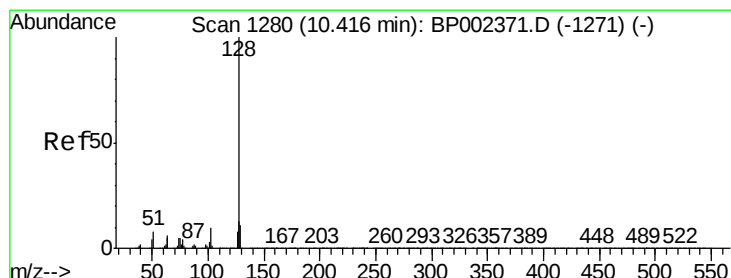
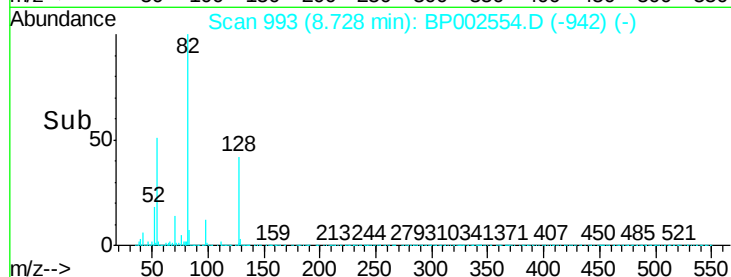
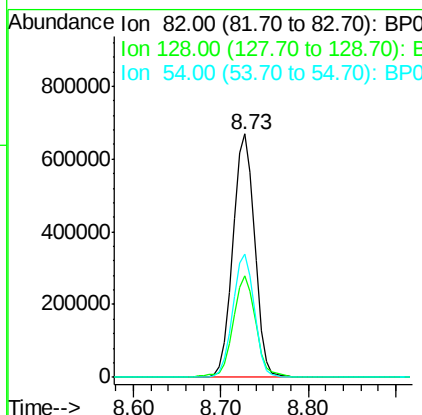
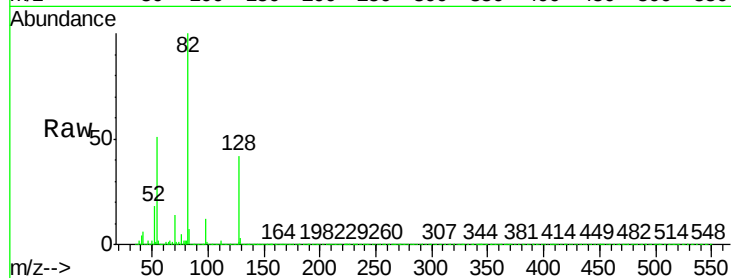




#23
Nitrobenzene-d5
Concen: 87.976 ng
RT: 8.73 min Scan# 993
Delta R.T. 0.00 min
Lab File: BP002554.D
Acq: 26 Jun 2020 16:48

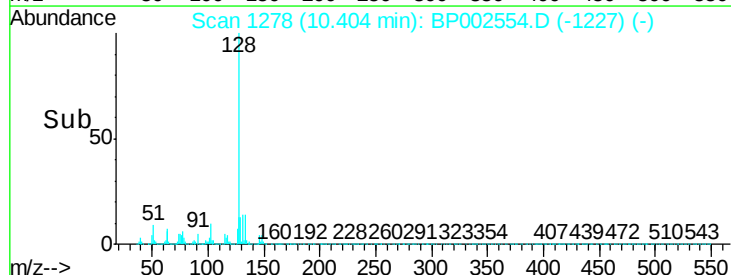
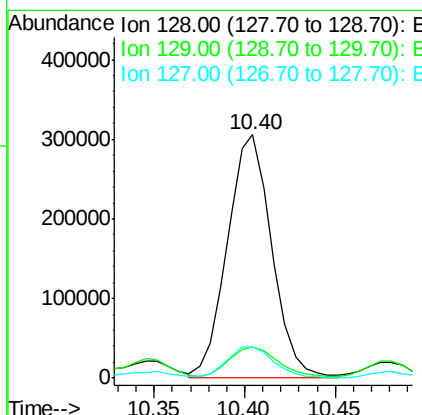
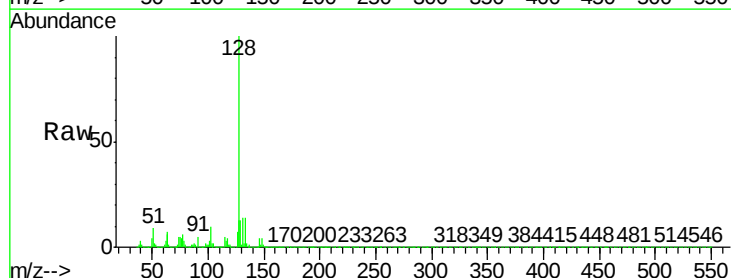
Instrument :
BNA_P
ClientSampleId :
WEST-2-18.0

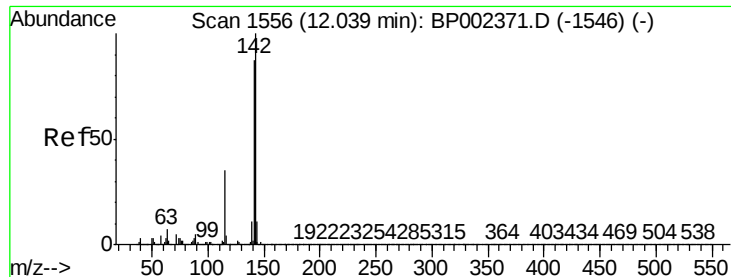
Tot Ion: 82 Resp: 1125853
Ion Ratio Lower Upper
82 100
128 41.8 32.8 49.2
54 50.6 39.9 59.9



#31
Naphthalene
Concen: 14.624 ng
RT: 10.40 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BP002554.D
Acq: 26 Jun 2020 16:48

Tgt Ion: 128 Resp: 519224
Ion Ratio Lower Upper
128 100
129 13.0 8.7 13.1
127 13.0 10.4 15.6

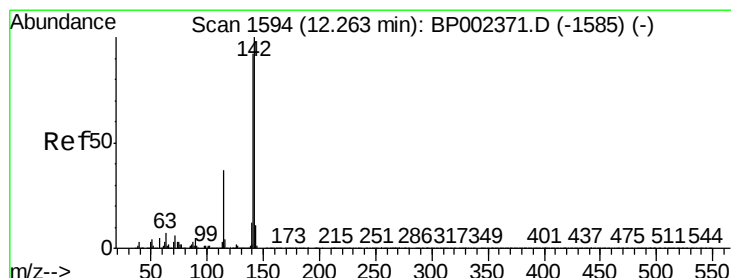
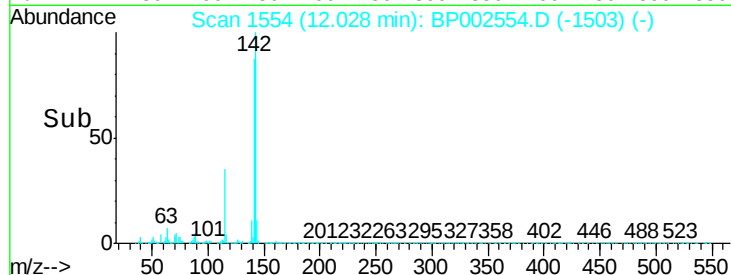
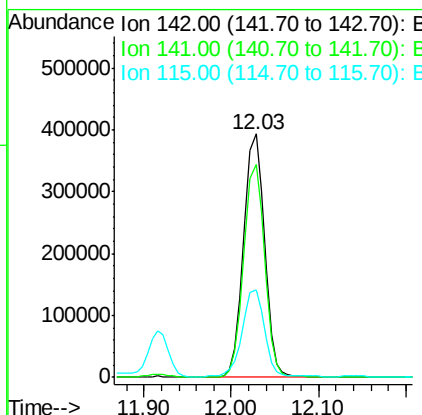
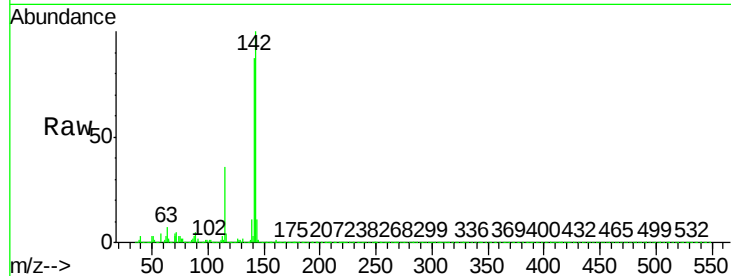




#37
2-Methylnaphthalene
Concen: 25.151 ng
RT: 12.03 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BP002554.D
Acq: 26 Jun 2020 16:48

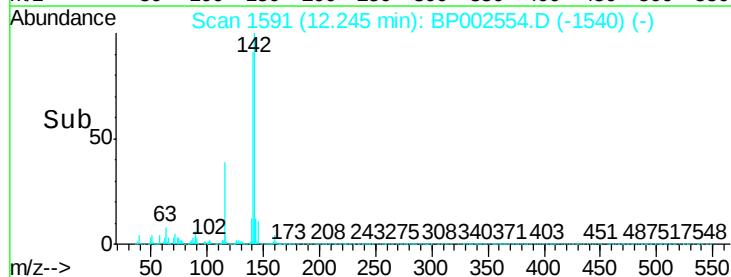
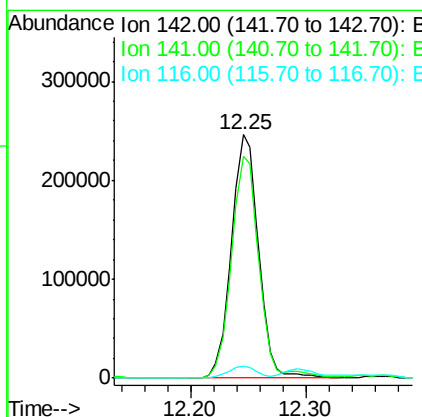
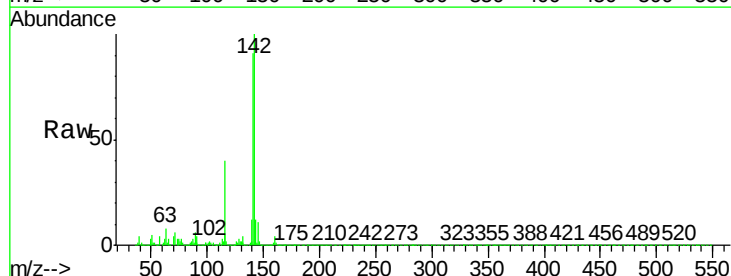
Instrument :
BNA_P
ClientSampleId :
WEST-2-18.0

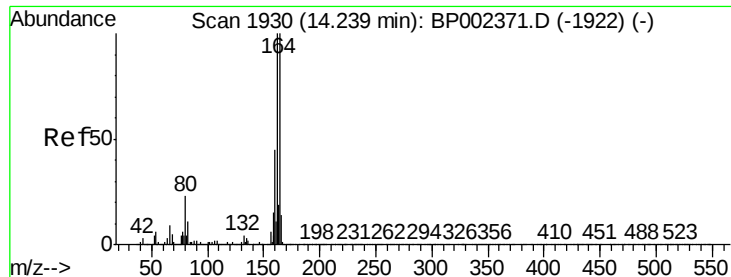
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.0	106.4
115	35.8	28.6	42.8



#38
1-Methylnaphthalene
Concen: 16.825 ng
RT: 12.25 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BP002554.D
Acq: 26 Jun 2020 16:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1
116	4.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BP002554.D

Acq: 26 Jun 2020 16:48

Instrument :

BNA_P

ClientSampleId :

WEST-2-18.0

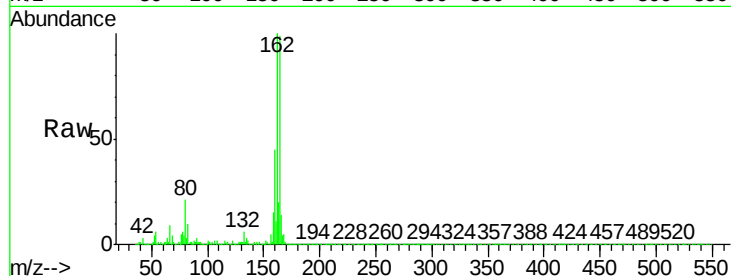
Tot Ion:164 Resp: 472749

Ion Ratio Lower Upper

164 100

162 101.2 80.6 121.0

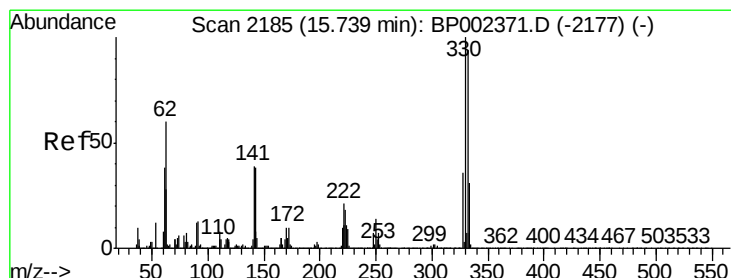
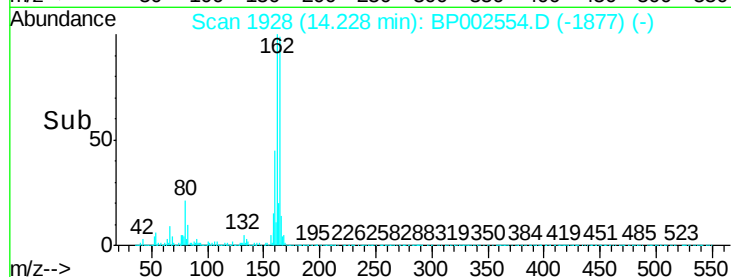
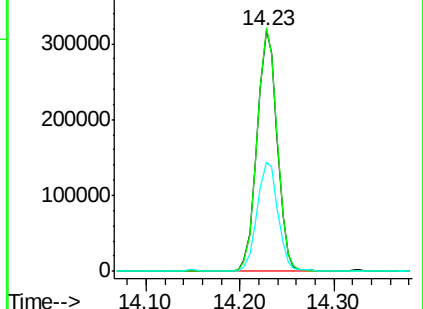
160 45.6 35.4 53.2



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: 145.377 ng

RT: 15.73 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BP002554.D

Acq: 26 Jun 2020 16:48

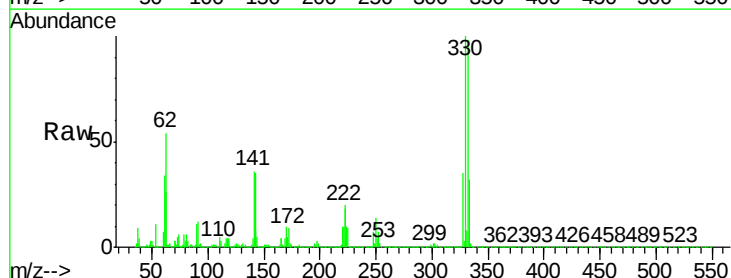
Tgt Ion:330 Resp: 658010

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

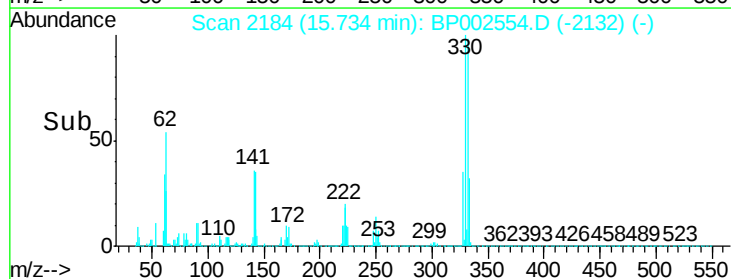
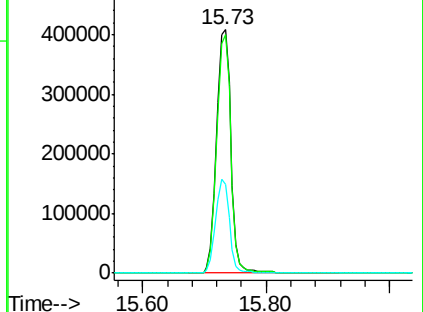
141 36.8 30.4 45.6

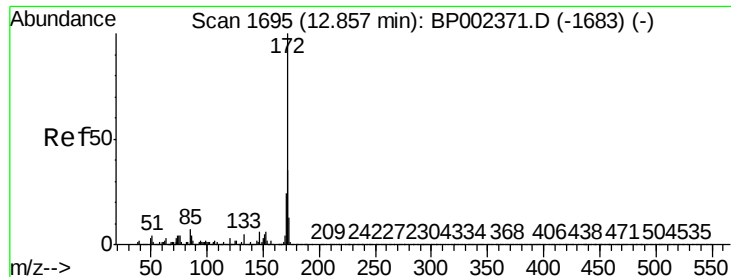


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

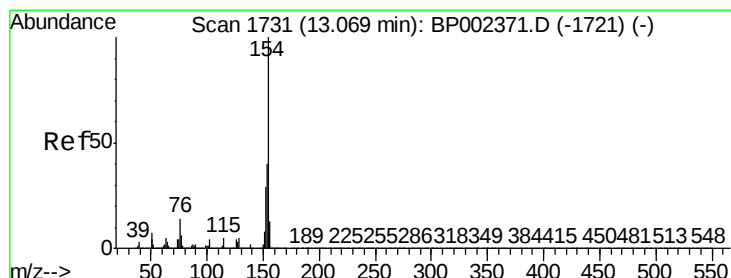
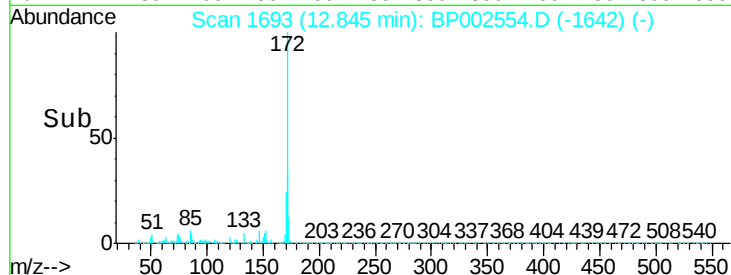
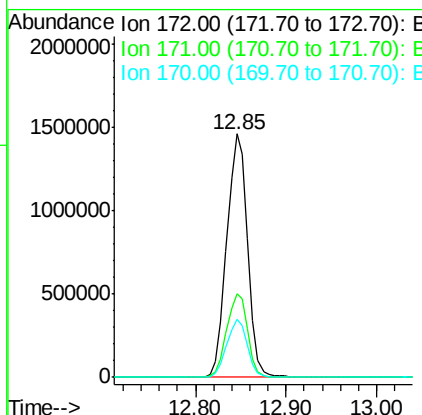
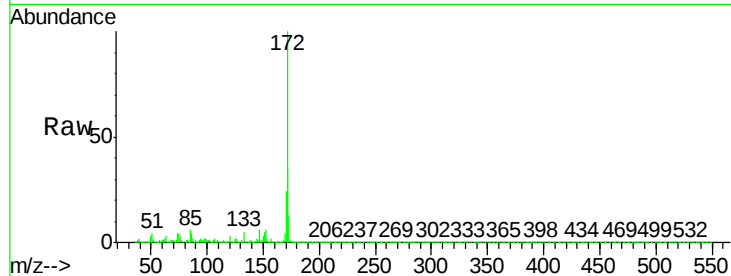




#45
2-Fluorobiphenyl
Concen: 82.506 ng
RT: 12.85 min Scan# 1693
Delta R.T. 0.00 min
Lab File: BP002554.D
Acq: 26 Jun 2020 16:48

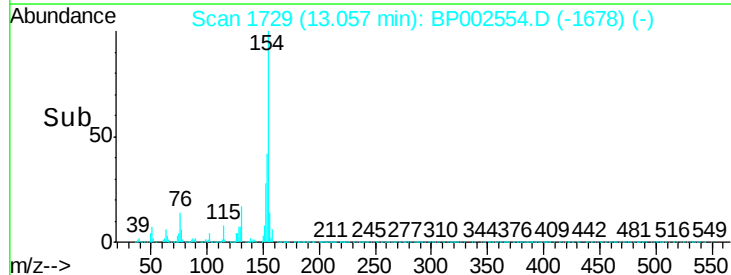
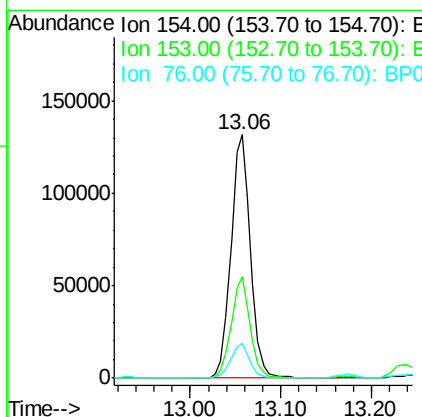
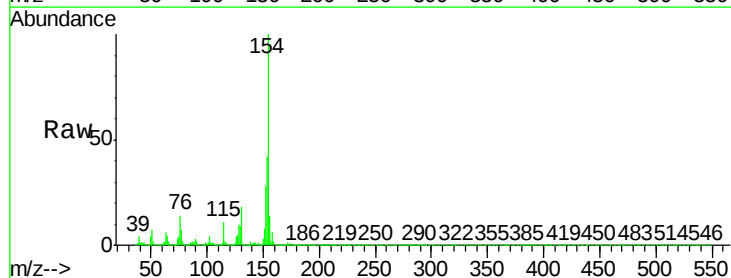
Instrument :
BNA_P
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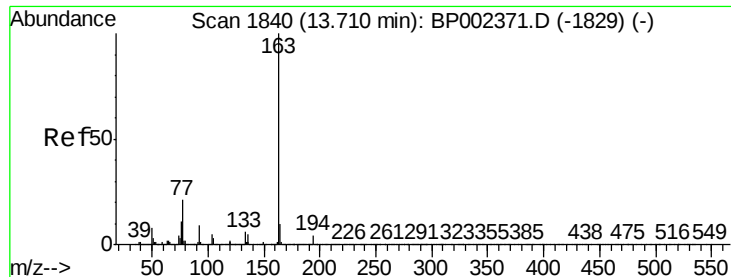
Tot Ion:172 Resp: 2319734
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 24.0 19.0 28.6



#46
1,1'-Biphenyl
Concen: 6.345 ng
RT: 13.06 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BP002554.D
Acq: 26 Jun 2020 16:48

Tgt Ion:154 Resp: 196592
Ion Ratio Lower Upper
154 100
153 41.7 19.2 59.2
76 14.2 0.0 33.2





#50

Dimethylphthalate

Concen: 13.492 ng

RT: 13.69 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BP002554.D

Acq: 26 Jun 2020 16:48

Instrument :

BNA_P

ClientSampleId :

WEST-2-18.0

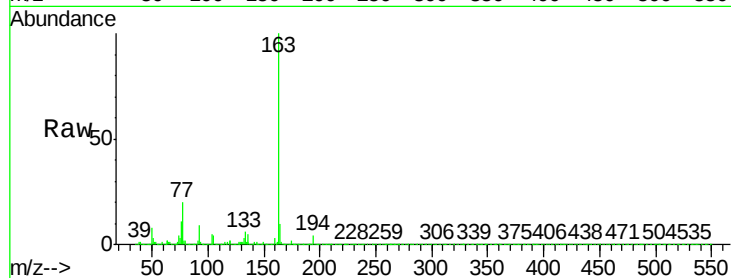
Tot Ion:163 Resp: 437054

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

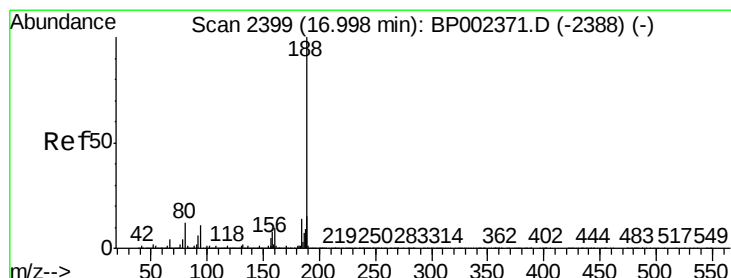
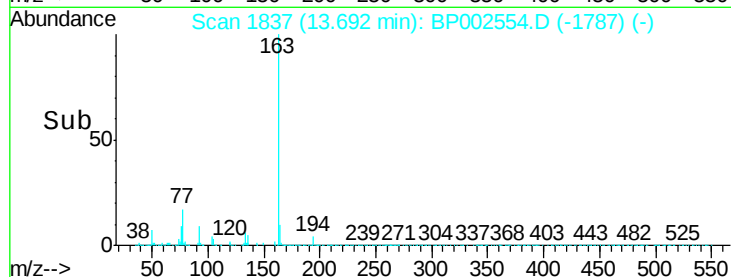
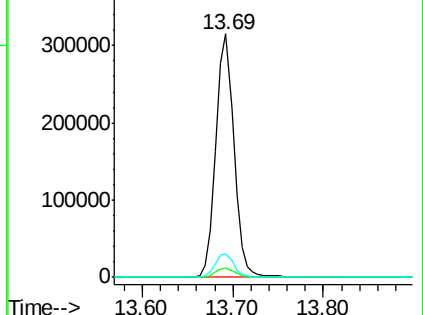
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BP002554.D

Acq: 26 Jun 2020 16:48

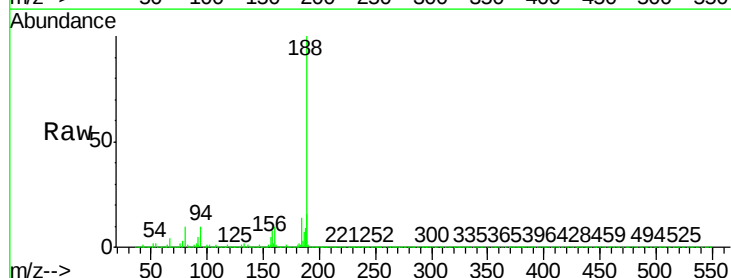
Tgt Ion:188 Resp: 1019709

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

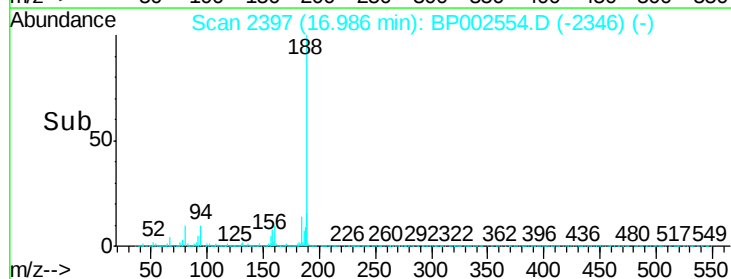
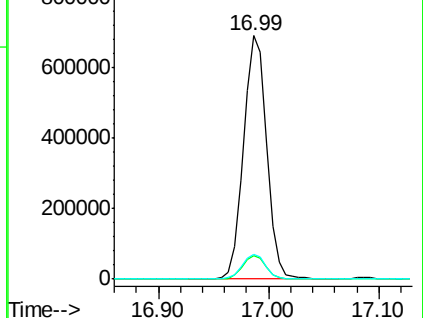
80 10.3 8.3 12.5

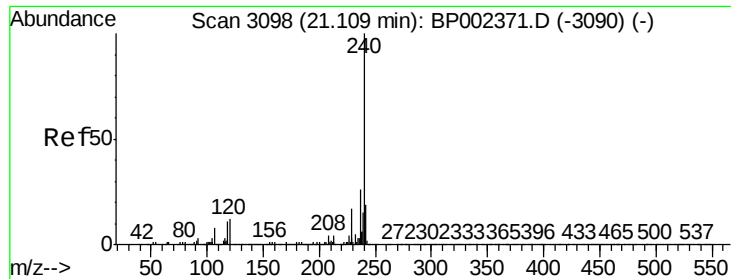


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

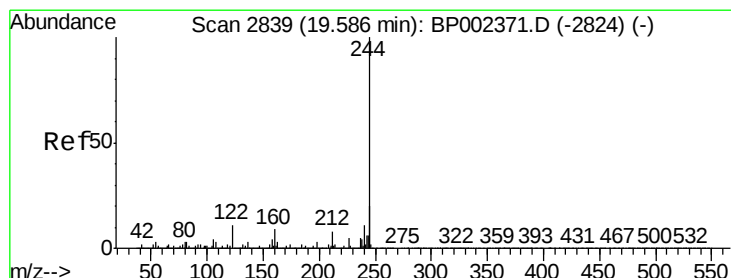
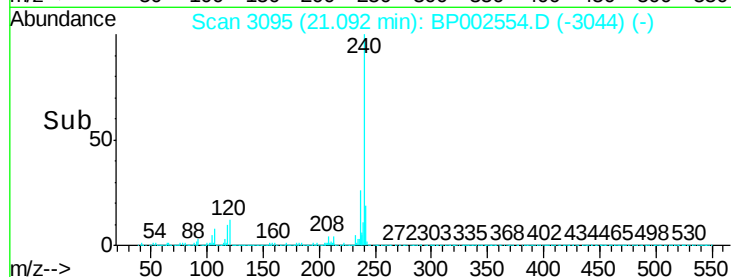
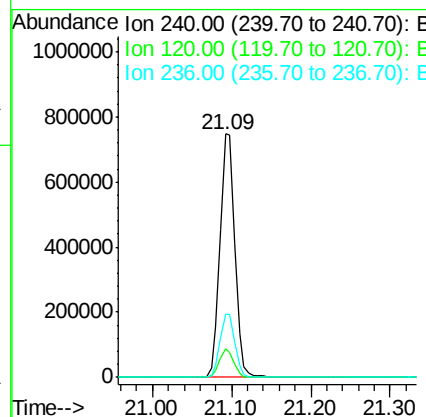
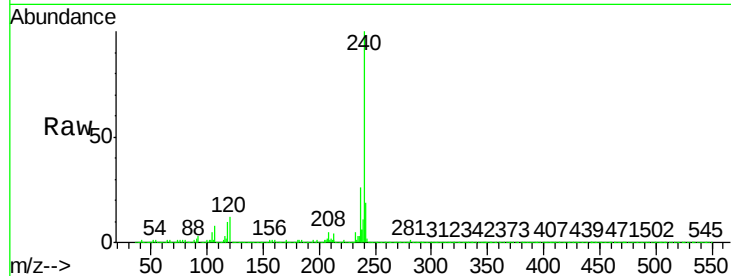




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BP002554.D
Acq: 26 Jun 2020 16:48

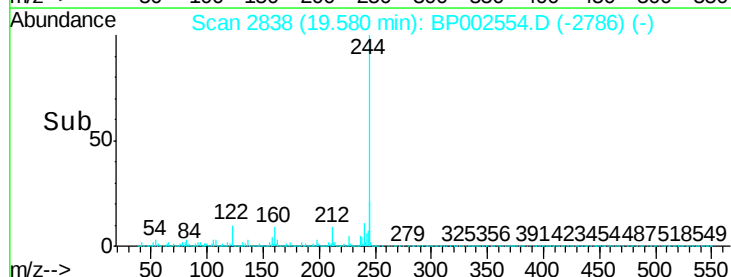
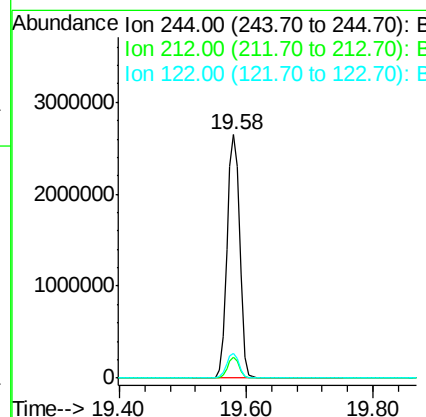
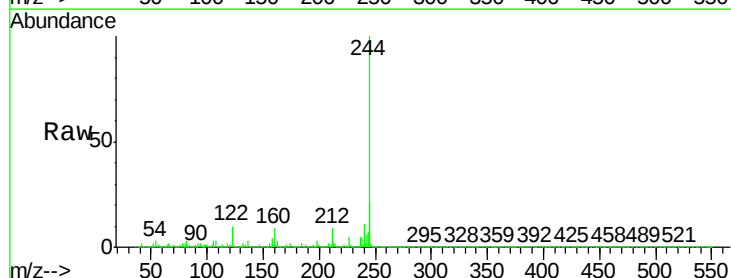
Instrument :
BNA_P
ClientSampleId :
WEST-2-18.0

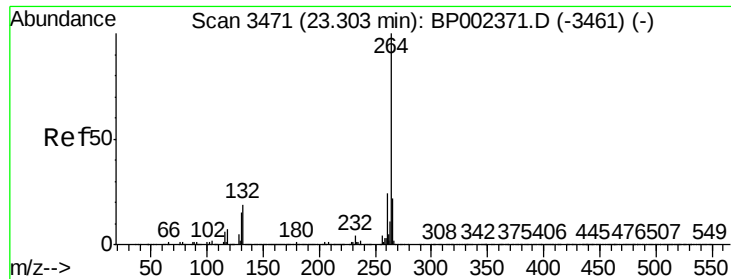
Tot Ion:240 Resp: 971691
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.1 21.7 32.5



#79
Terphenyl-d14
Concen: 106.483 ng
RT: 19.58 min Scan# 2838
Delta R.T. 0.01 min
Lab File: BP002554.D
Acq: 26 Jun 2020 16:48

Tgt Ion:244 Resp: 3760231
Ion Ratio Lower Upper
244 100
212 8.7 6.5 9.7
122 10.0 8.0 12.0





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. 0.01 min
Lab File: BP002554.D
Acq: 26 Jun 2020 16:48

Instrument :
BNA_P
ClientSampleId :
WEST-2-18.0

Tot Ion: 264 Resp: 895539
Ion Ratio Lower Upper
264 100
260 25.0 19.7 29.5
265 22.0 17.6 26.4

