

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112520\
 Data File : BP004102.D
 Acq On : 25 Nov 2020 17:56
 Operator : CG/JU
 Sample : L4826-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB-2020-WS-000-04

Quant Time: Nov 26 00:30:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

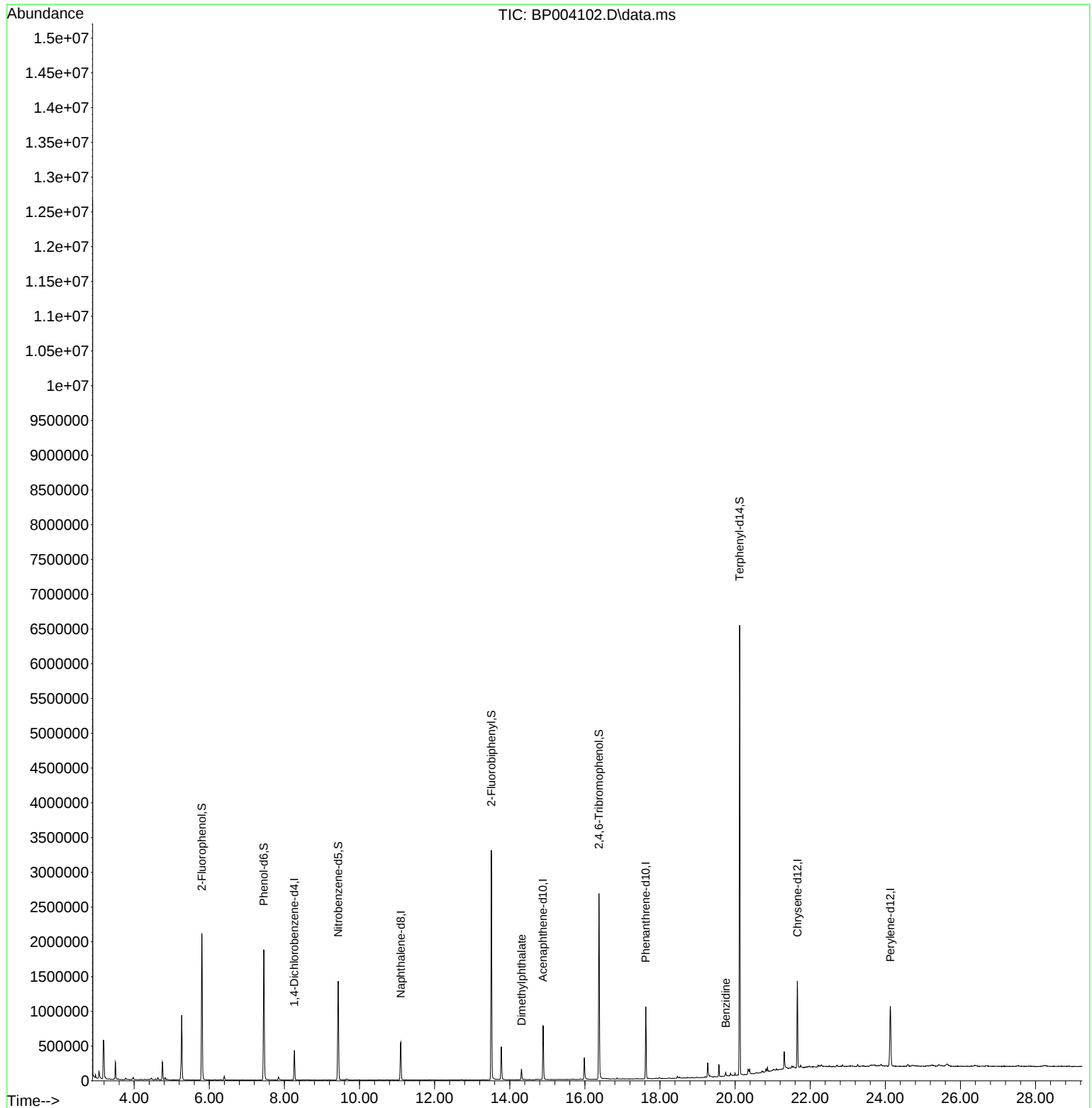
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	114652	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	442293	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	277840	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	614791	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	625854	20.00	ng	0.00
86) Perylene-d12	24.133	264	693188	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	910398	132.53	ng	0.00
7) Phenol-d6	7.452	99	1055010	106.99	ng	0.00
23) Nitrobenzene-d5	9.434	82	820582	90.86	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	523293	150.58	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1737477	87.43	ng	0.00
79) Terphenyl-d14	20.122	244	2697733	83.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.316	163	101866	4.69	ng	99
77) Benzidine	19.751	184	36695	2.49	ng	97

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

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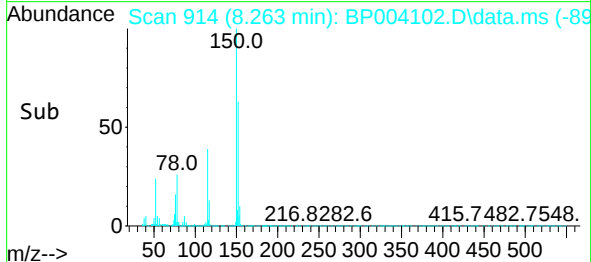
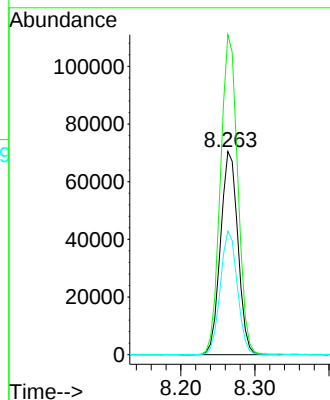
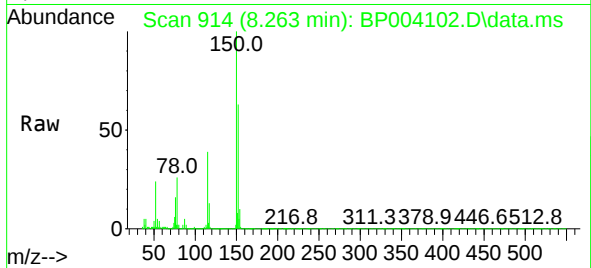




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP004102.D
Acq: 25 Nov 2020 17:56

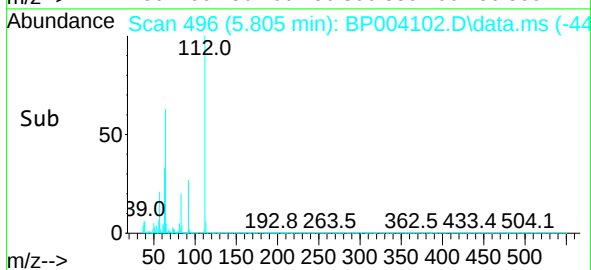
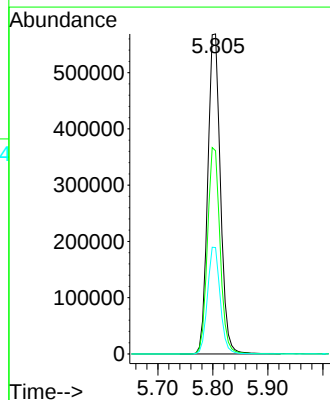
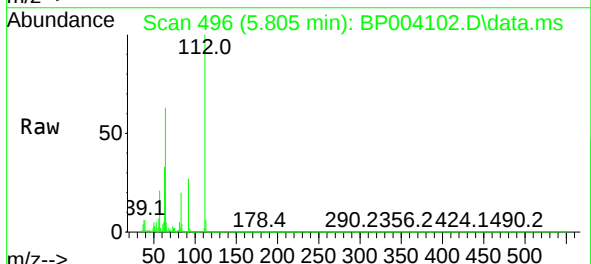
Instrument :
BNA_P
ClientSampleId :
PB-2020-WS-000-04

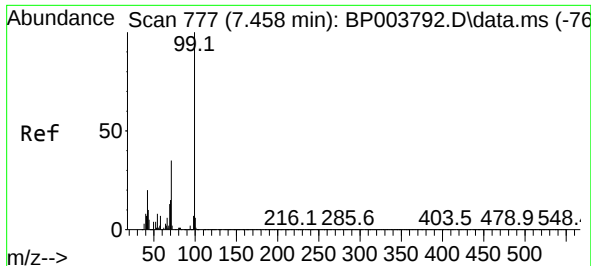
Tgt Ion:152 Resp: 114652
Ion Ratio Lower Upper
152 100
150 157.5 123.8 185.6
115 60.9 43.8 65.6



#5
2-Fluorophenol
Concen: 132.53 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004102.D
Acq: 25 Nov 2020 17:56

Tgt Ion:112 Resp: 910398
Ion Ratio Lower Upper
112 100
64 63.5 32.8 49.2#
63 33.2 17.0 25.4#

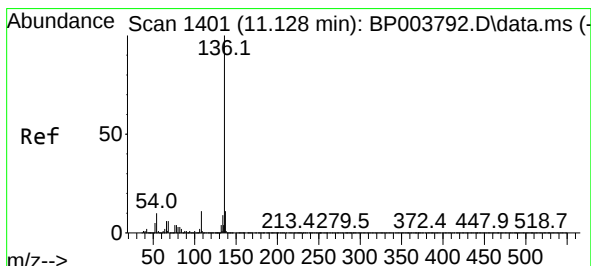
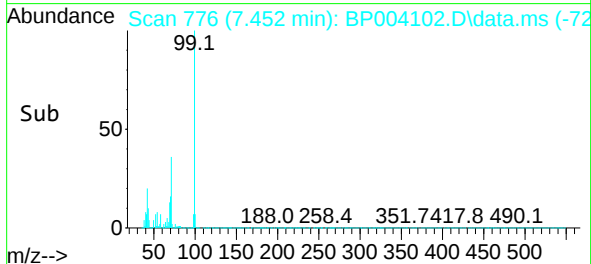
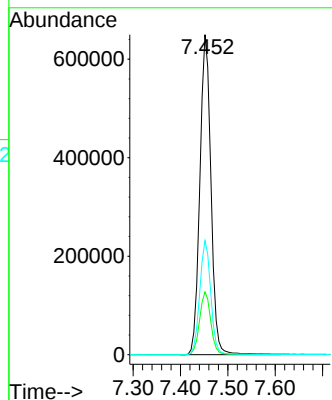
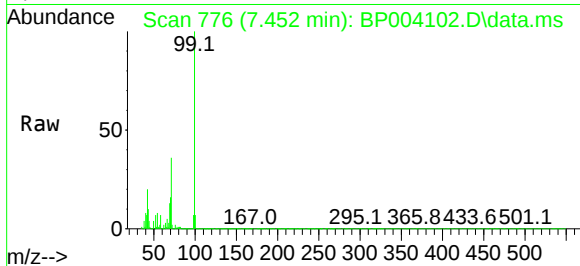




#7
Phenol-d6
Concen: 106.99 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004102.D
Acq: 25 Nov 2020 17:56

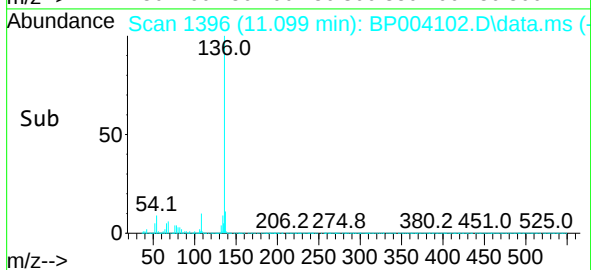
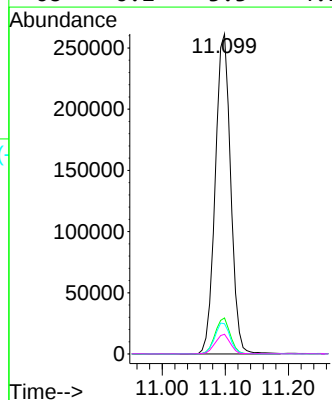
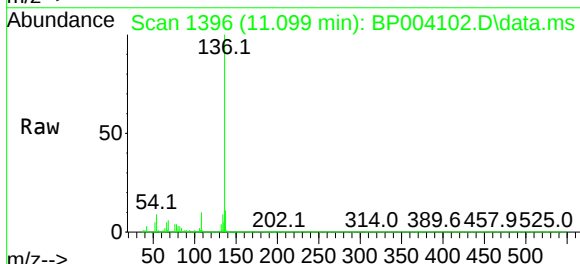
Instrument :
BNA_P
ClientSampleId :
PB-2020-WS-000-04

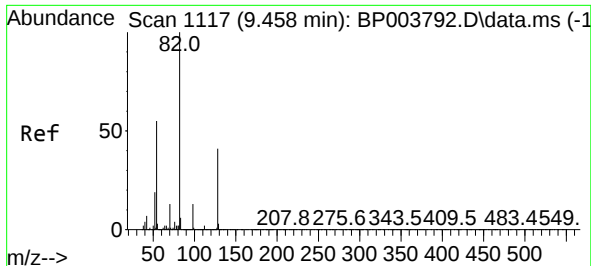
Tgt Ion: 99 Resp: 1055010
Ion Ratio Lower Upper
99 100
42 19.6 8.6 13.0#
71 35.7 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004102.D
Acq: 25 Nov 2020 17:56

Tgt Ion:136 Resp: 442293
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.4 3.6 5.4#
68 6.2 3.3 4.9#

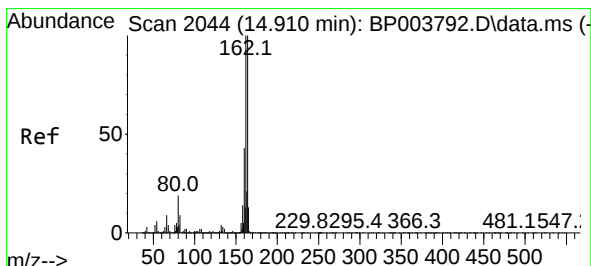
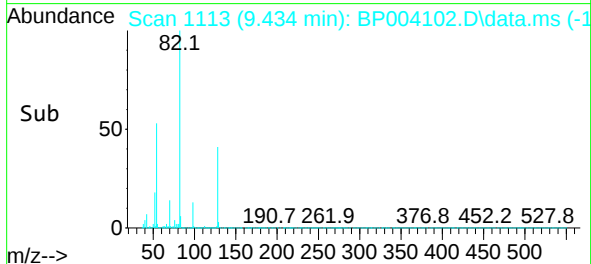
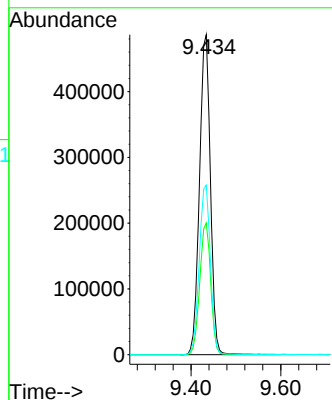
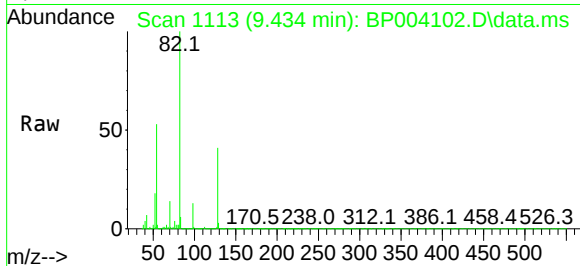




#23
Nitrobenzene-d5
Concen: 90.86 ng
RT: 9.434 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP004102.D
Acq: 25 Nov 2020 17:56

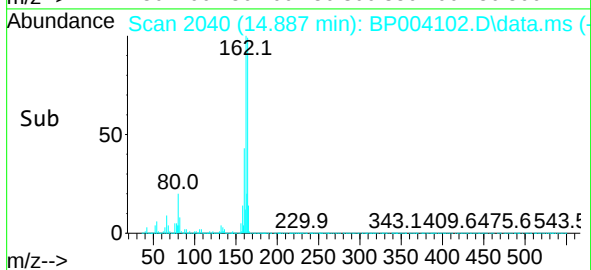
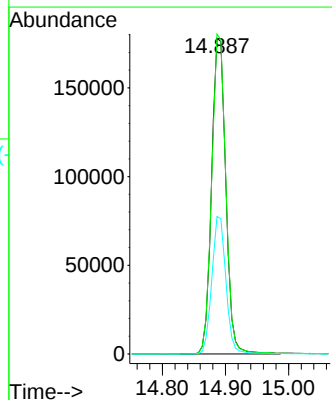
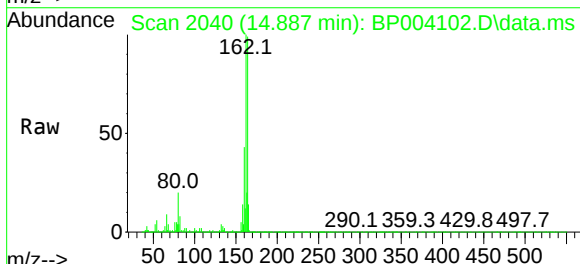
Instrument :
BNA_P
ClientSampleId :
PB-2020-WS-000-04

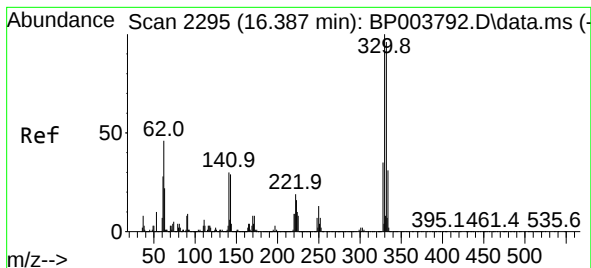
Tgt Ion: 82 Resp: 820582
Ion Ratio Lower Upper
82 100
128 41.2 45.6 68.4#
54 53.0 30.1 45.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004102.D
Acq: 25 Nov 2020 17:56

Tgt Ion: 164 Resp: 277840
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.2
160 43.5 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 150.58 ng

RT: 16.375 min Scan# 2293

Delta R.T. 0.000 min

Lab File: BP004102.D

Acq: 25 Nov 2020 17:56

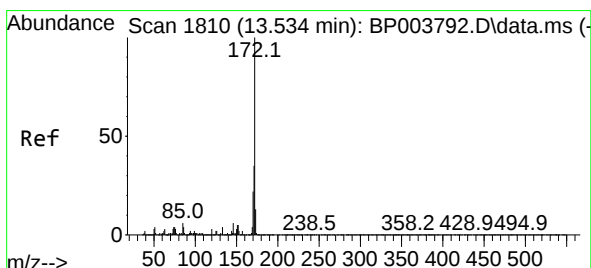
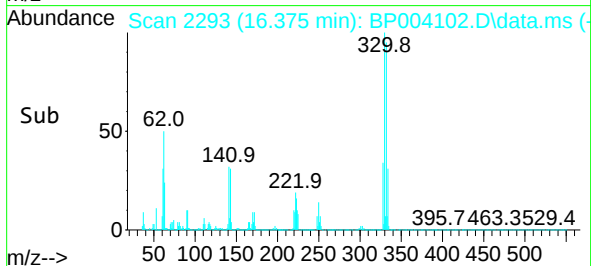
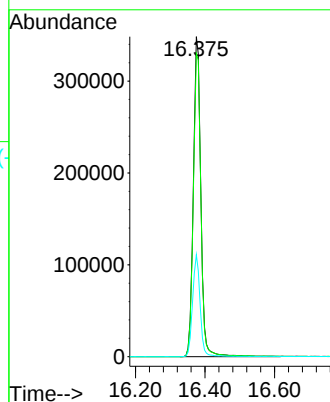
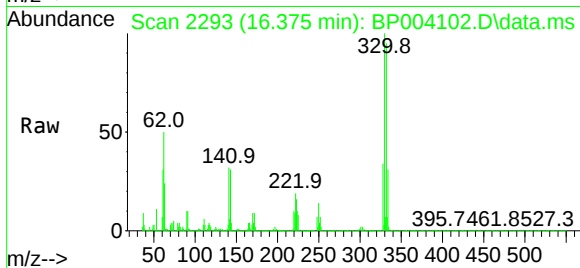
Tgt Ion:330 Resp: 523293

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

141 31.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 87.43 ng

RT: 13.510 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BP004102.D

Acq: 25 Nov 2020 17:56

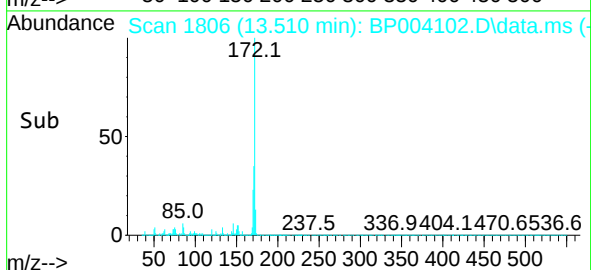
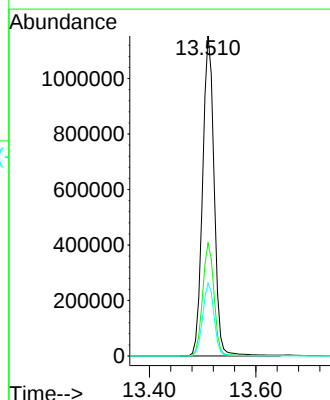
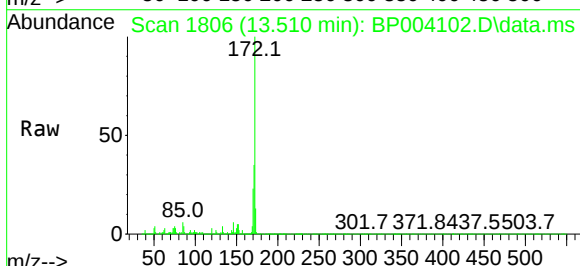
Tgt Ion:172 Resp: 1737477

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 22.7 19.2 28.8

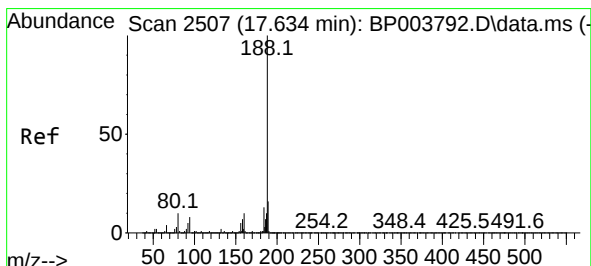
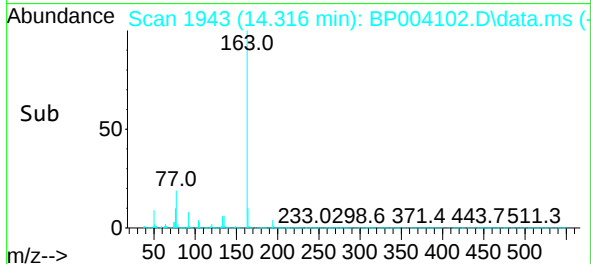
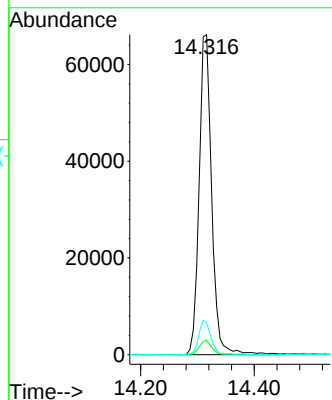
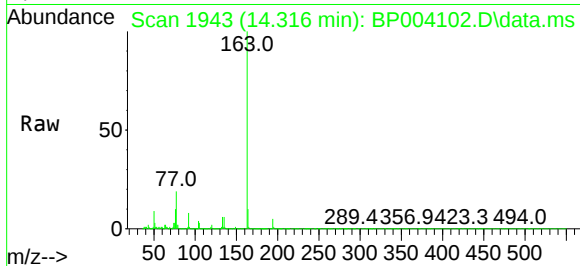




#50
Dimethylphthalate
Concen: 4.69 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP004102.D
Acq: 25 Nov 2020 17:56

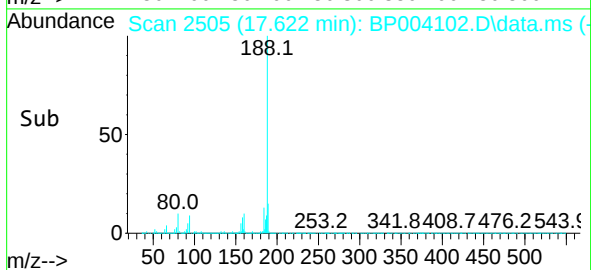
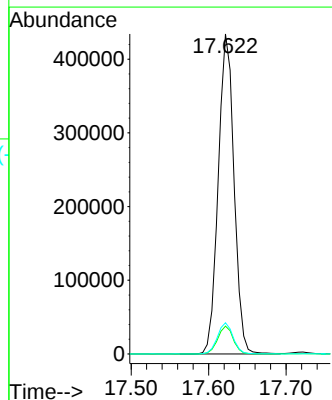
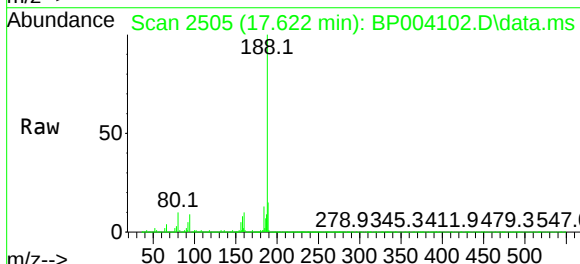
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PB-2020-WS-000-04

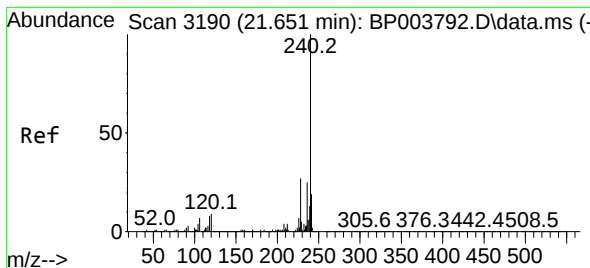
Tgt Ion:163 Resp: 101866
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.0 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004102.D
Acq: 25 Nov 2020 17:56

Tgt Ion:188 Resp: 614791
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 9.8 6.2 9.2#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.657 min Scan# 3191

Delta R.T. -0.006 min

Lab File: BP004102.D

Acq: 25 Nov 2020 17:56

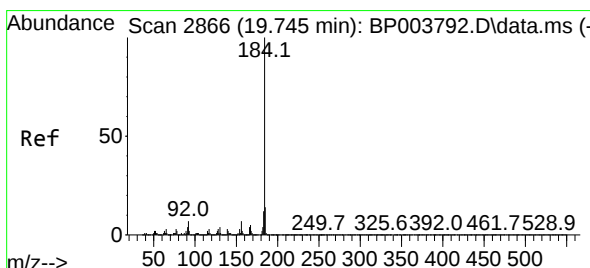
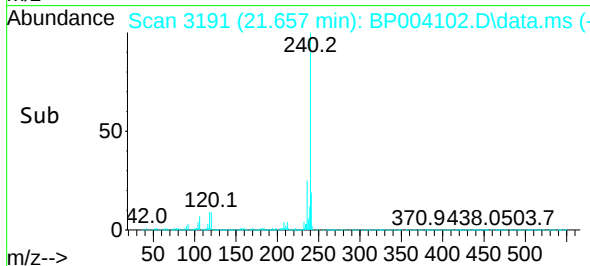
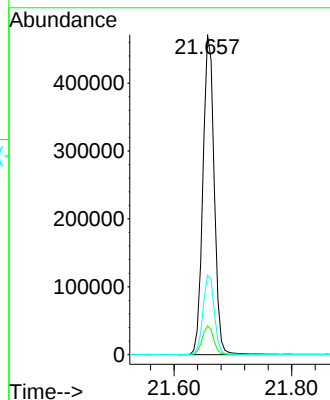
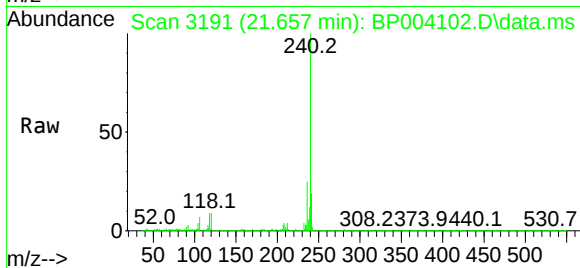
Tgt Ion:240 Resp: 625854

Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 24.9 20.8 31.2



#77

Benzidine

Concen: 2.49 ng

RT: 19.751 min Scan# 2867

Delta R.T. 0.006 min

Lab File: BP004102.D

Acq: 25 Nov 2020 17:56

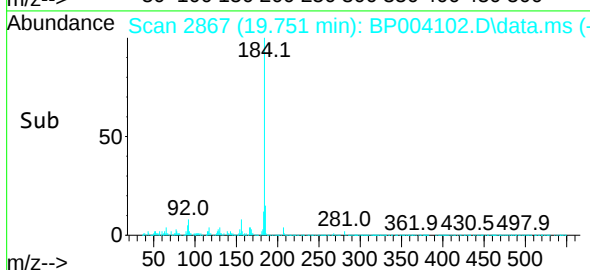
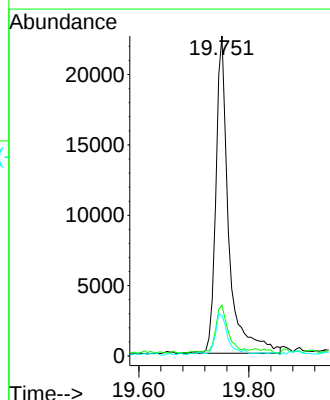
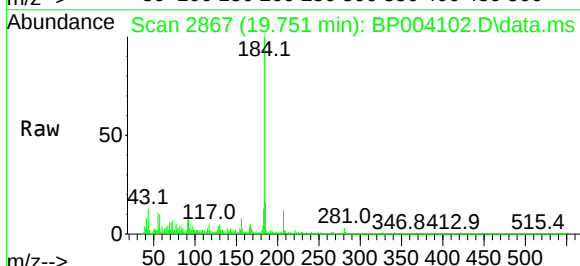
Tgt Ion:184 Resp: 36695

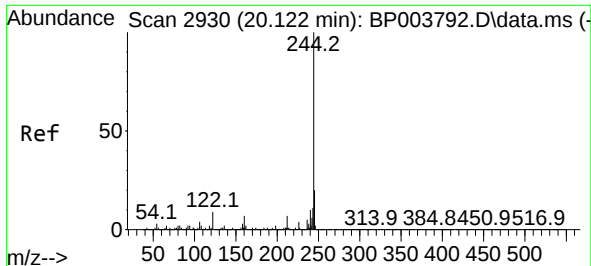
Ion Ratio Lower Upper

184 100

185 15.9 11.5 17.3

183 12.7 9.6 14.4

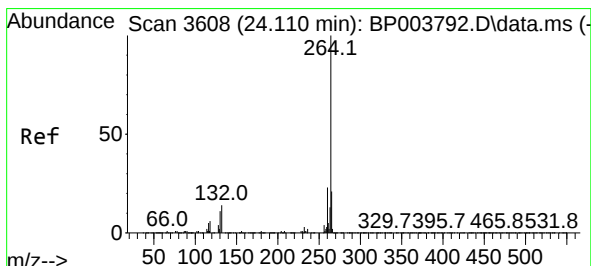
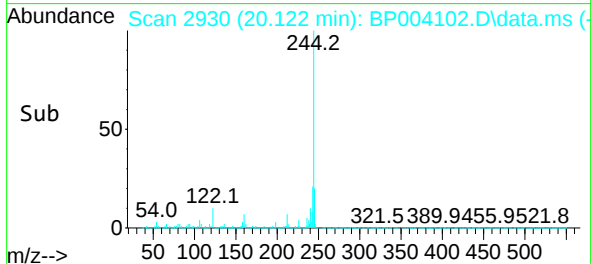
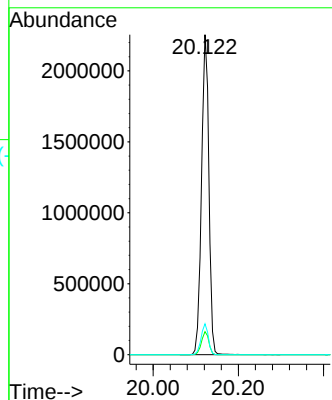
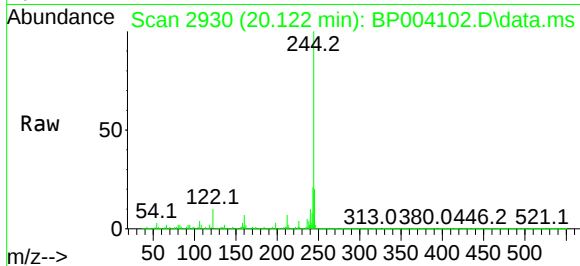




#79
Terphenyl-d14
Concen: 83.28 ng
RT: 20.122 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BP004102.D
Acq: 25 Nov 2020 17:56

Instrument :
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Tgt Ion:244 Resp: 2697733
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.6 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.133 min Scan# 3612
Delta R.T. 0.006 min
Lab File: BP004102.D
Acq: 25 Nov 2020 17:56

Tgt Ion:264 Resp: 693188
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.7 17.4 26.2

