

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009061.D
 Acq On : 08 Feb 2022 16:38
 Operator : CG/JU
 Sample : N1417-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PIT-11-DEWATERING

Quant Time: Feb 09 00:25:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

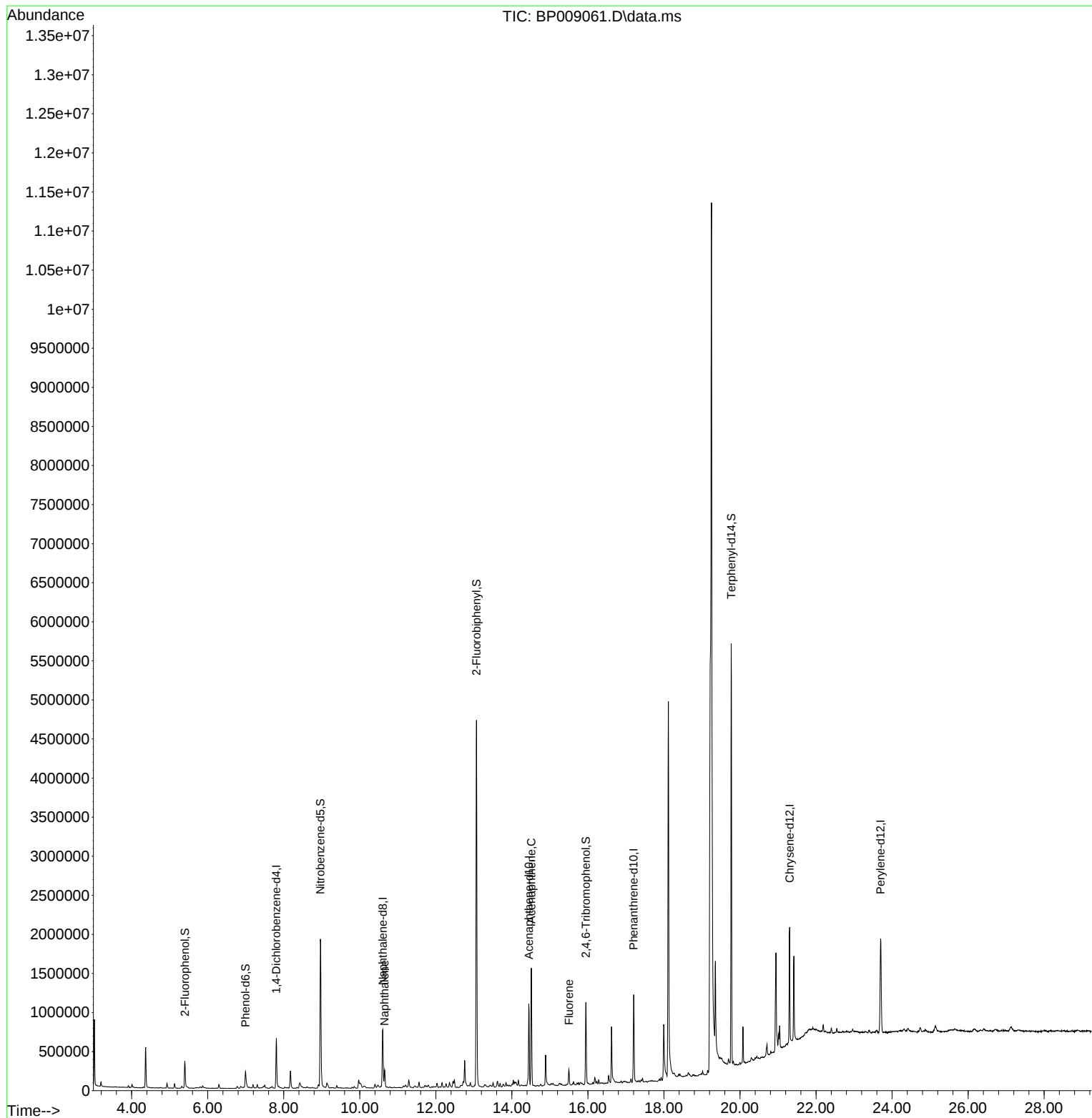
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	192303	20.000	ng	0.00
21) Naphthalene-d8	10.605	136	678626	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	386456	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	718044	20.000	ng	0.00
76) Chrysene-d12	21.304	240	734597	20.000	ng	0.00
86) Perylene-d12	23.698	264	944652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	185474	17.205	ng	0.00
7) Phenol-d6	6.993	99	163438	11.506	ng	0.00
23) Nitrobenzene-d5	8.963	82	1141901	94.892	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	226017	43.803	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2657080	96.250	ng	0.00
79) Terphenyl-d14	19.769	244	2725324	66.717	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.652	128	167788	4.848	ng	98
52) Acenaphthene	14.510	154	561549	27.132	ng	99
58) Fluorene	15.498	166	94194	3.516	ng	96

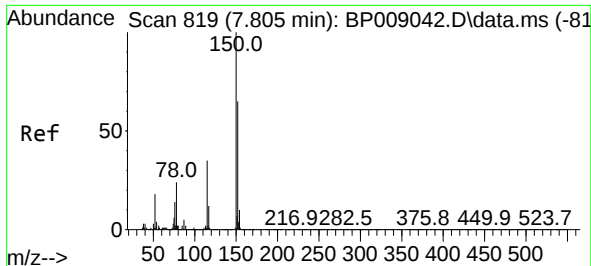
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

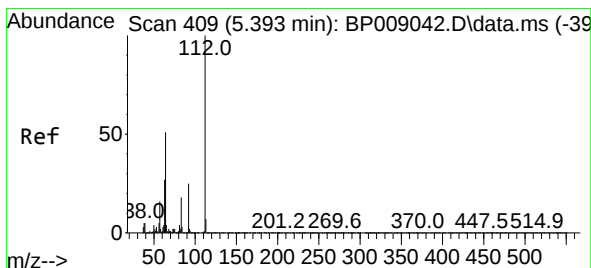
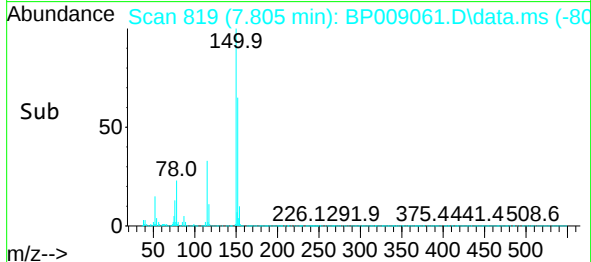
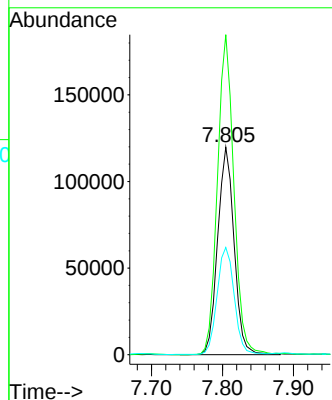
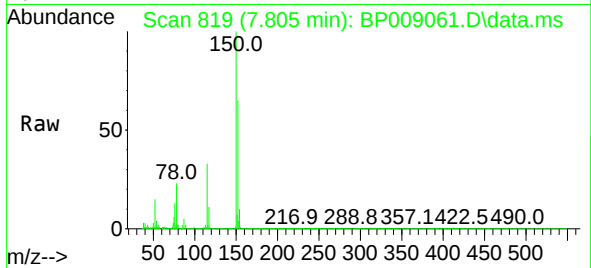




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

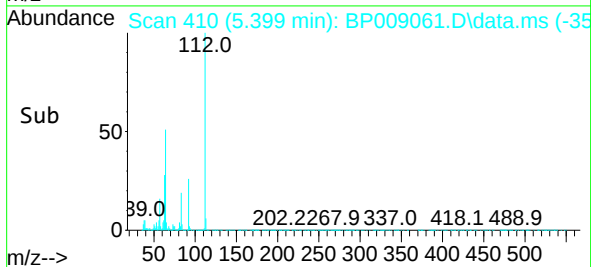
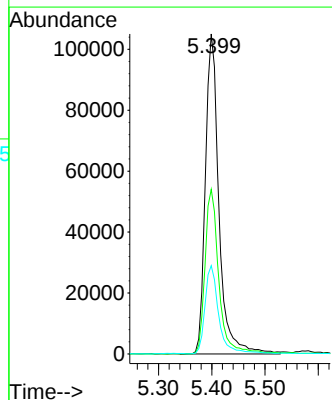
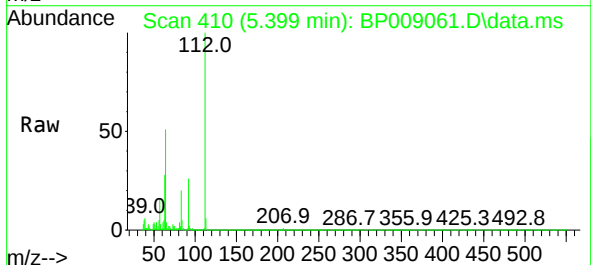
Instrument :
BNA_P
ClientSampleId :
PIT-11-DEWATERING

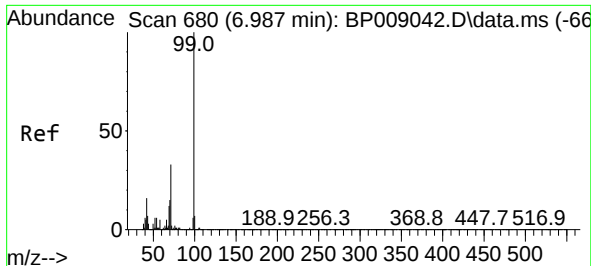
Tgt Ion:152 Resp: 192303
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 51.7 43.7 65.5



#5
2-Fluorophenol
Concen: 17.205 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

Tgt Ion:112 Resp: 185474
Ion Ratio Lower Upper
112 100
64 51.5 39.7 59.5
63 27.6 20.0 30.0

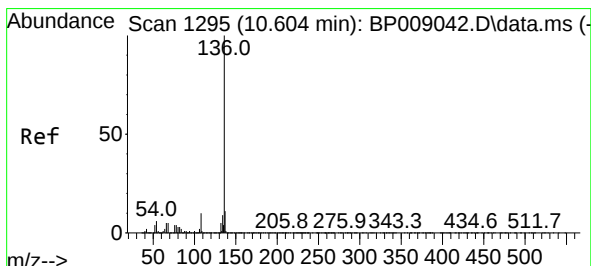
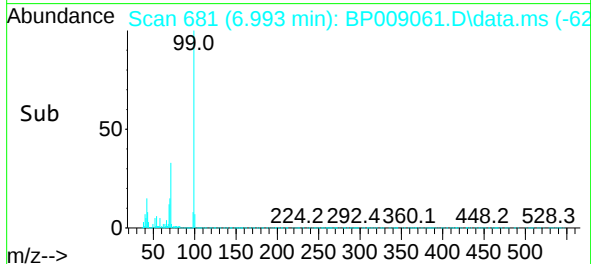
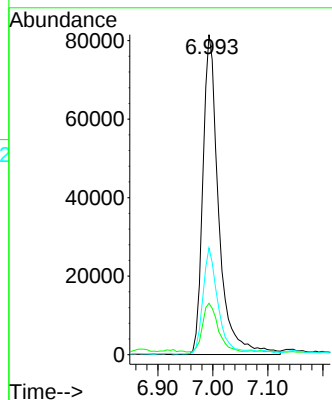
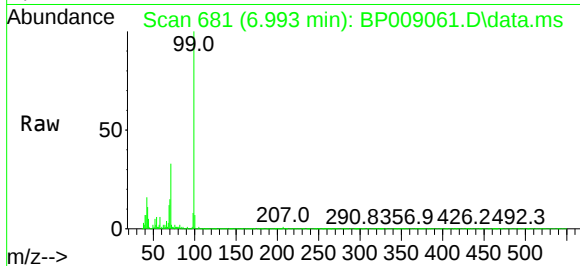




#7
Phenol-d6
Concen: 11.506 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

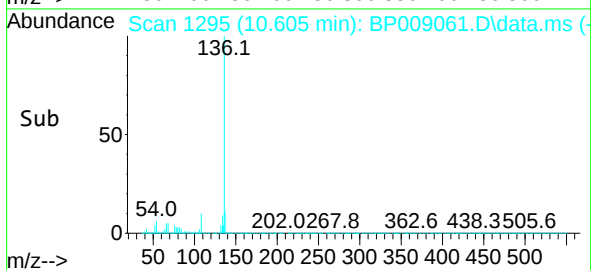
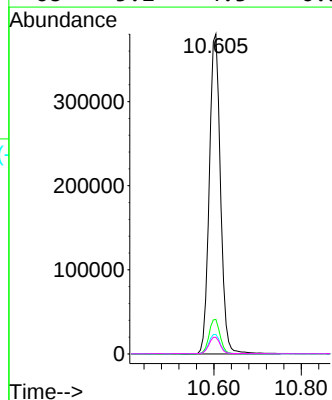
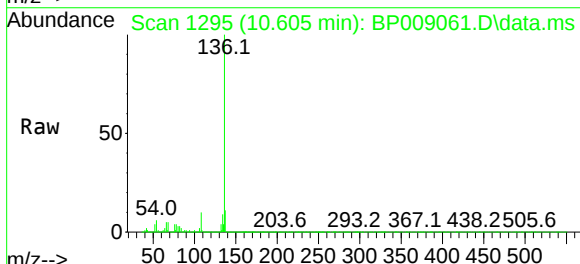
Instrument :
BNA_P
ClientSampleId :
PIT-11-DEWATERING

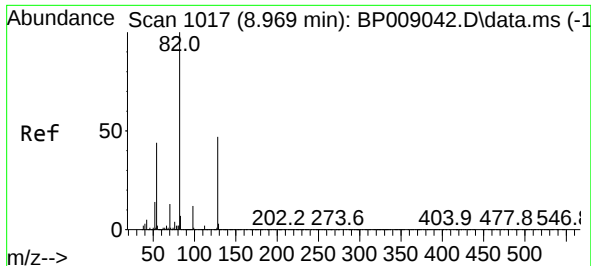
Tgt Ion: 99 Resp: 163438
Ion Ratio Lower Upper
99 100
42 16.0 10.8 16.2
71 33.4 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1295
Delta R.T. 0.001 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

Tgt Ion: 136 Resp: 678626
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.1 4.9 7.3
68 5.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 94.892 ng

RT: 8.963 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BP009061.D

Acq: 08 Feb 2022 16:38

Instrument :

BNA_P

ClientSampleId :

PIT-11-DEWATERING

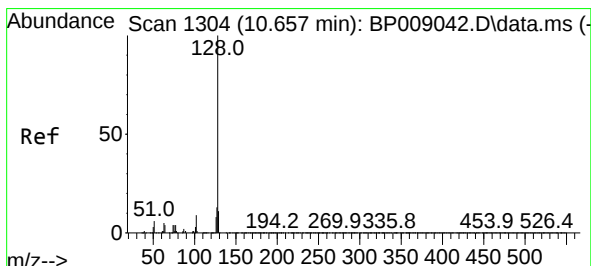
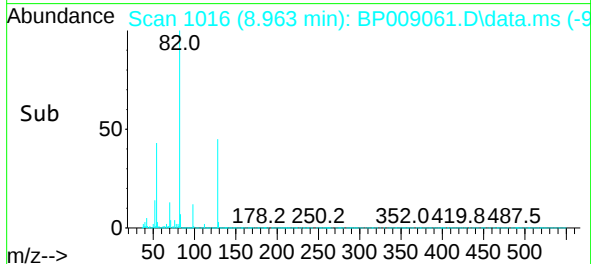
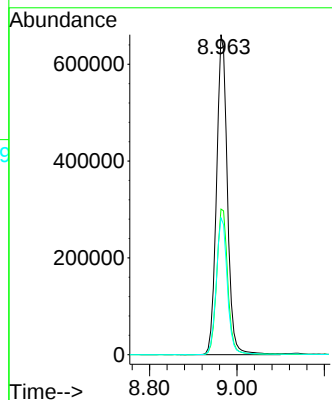
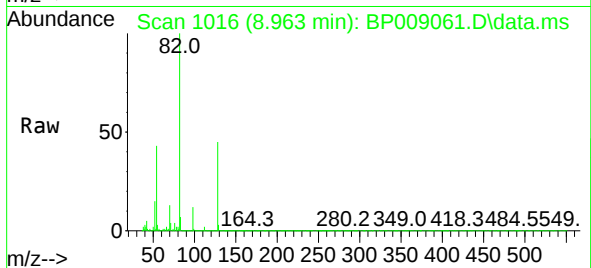
Tgt Ion: 82 Resp: 1141901

Ion Ratio Lower Upper

82 100

128 45.5 39.4 59.2

54 42.7 32.6 48.8



#31

Naphthalene

Concen: 4.848 ng

RT: 10.652 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BP009061.D

Acq: 08 Feb 2022 16:38

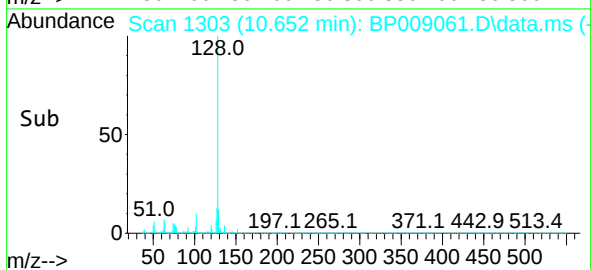
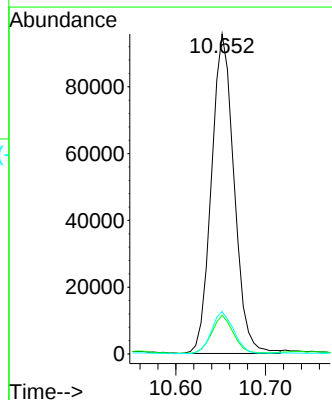
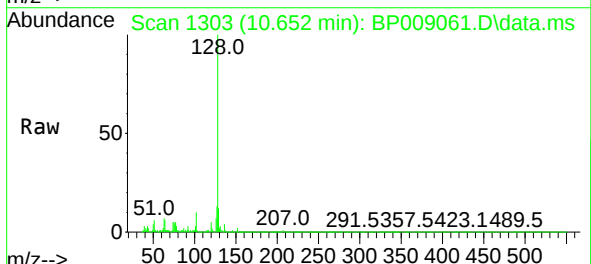
Tgt Ion: 128 Resp: 167788

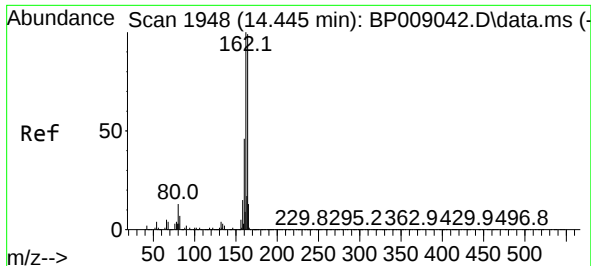
Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

127 13.3 10.4 15.6

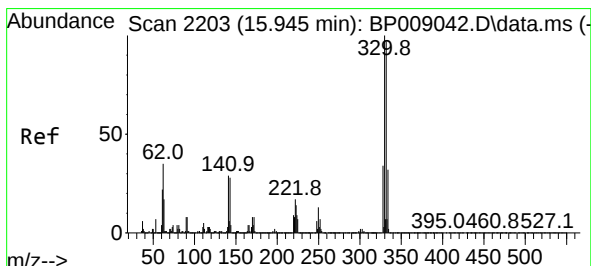
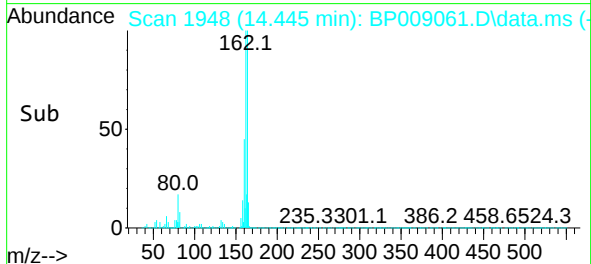
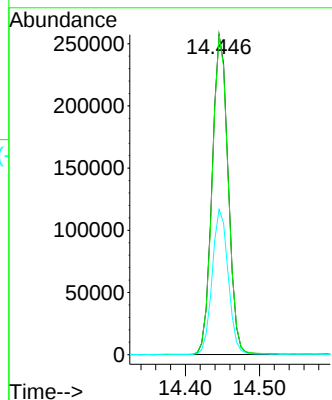
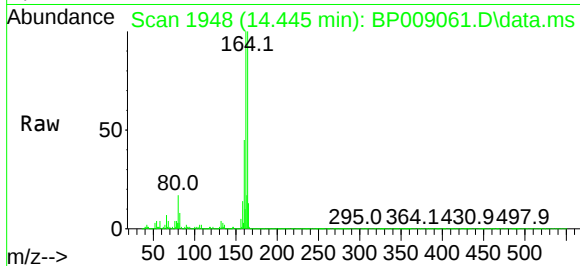




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

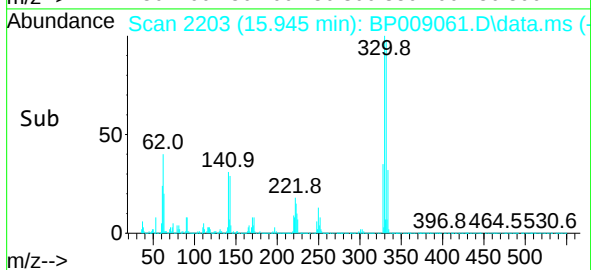
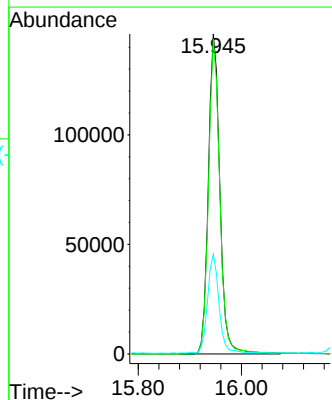
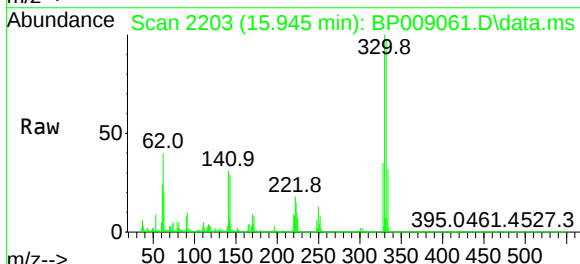
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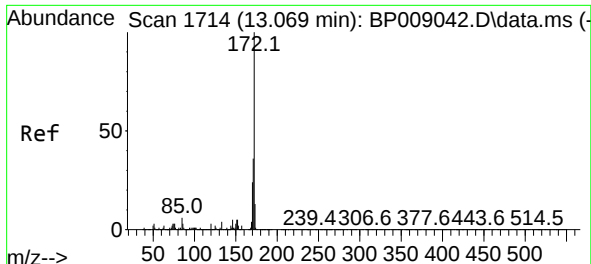
Tgt Ion:164 Resp: 386456
Ion Ratio Lower Upper
164 100
162 99.8 79.9 119.9
160 45.4 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 43.803 ng
RT: 15.945 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

Tgt Ion:330 Resp: 226017
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 30.8 21.3 31.9

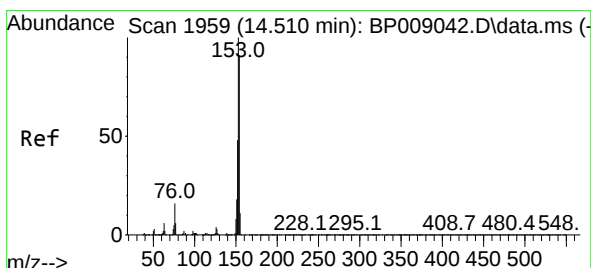
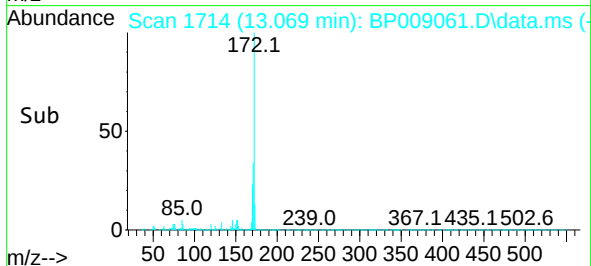
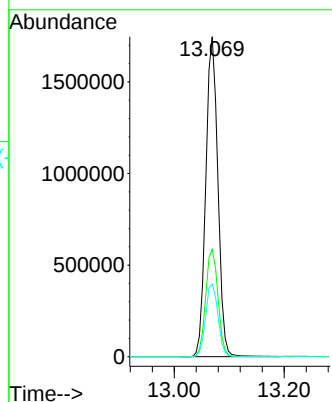
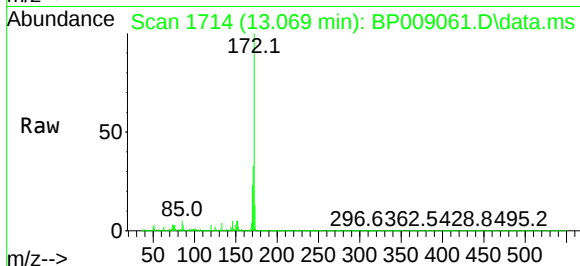




#45
2-Fluorobiphenyl
Concen: 96.250 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

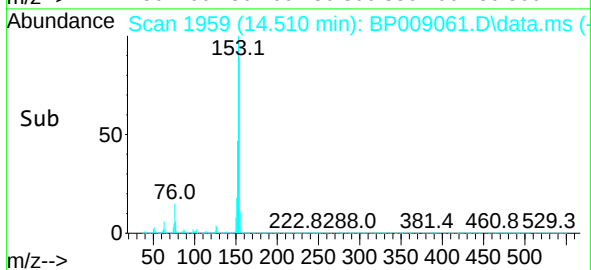
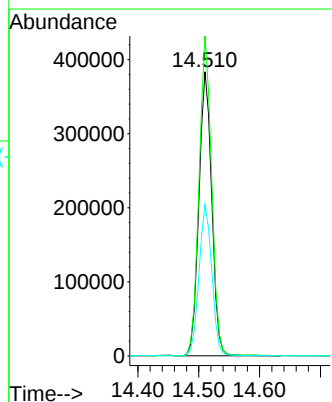
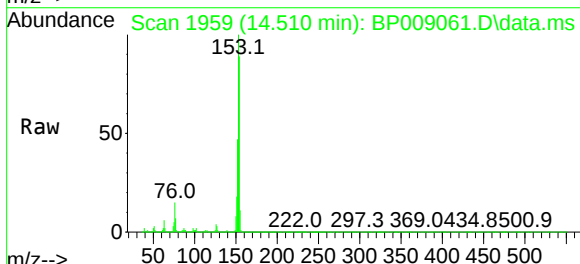
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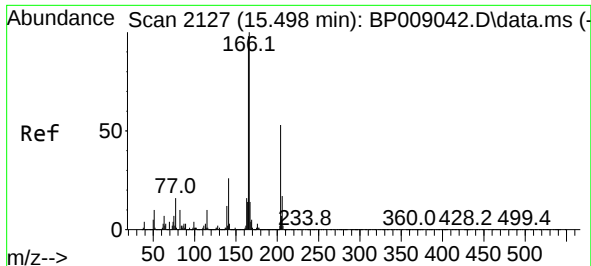
Tgt Ion:172 Resp: 2657080
Ion Ratio Lower Upper
172 100
171 33.5 29.3 43.9
170 22.7 19.5 29.3



#52
Acenaphthene
Concen: 27.132 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

Tgt Ion:154 Resp: 561549
Ion Ratio Lower Upper
154 100
153 112.6 89.4 134.2
152 53.3 42.6 63.8

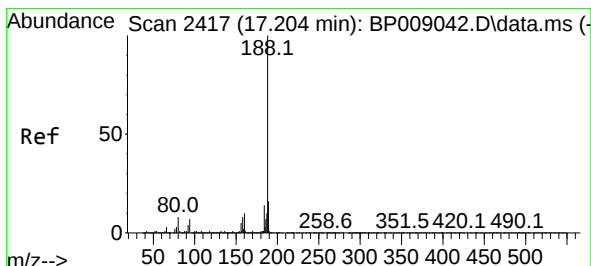
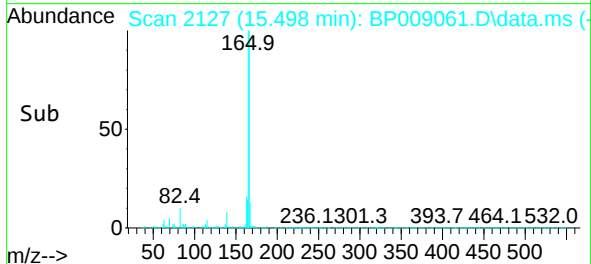
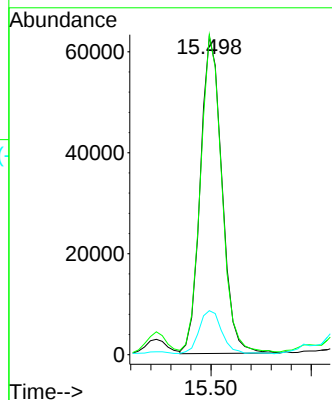
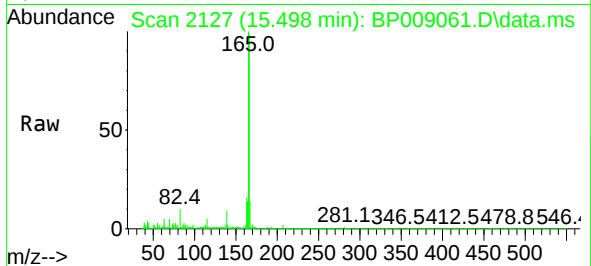




#58
Fluorene
Concen: 3.516 ng
RT: 15.498 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

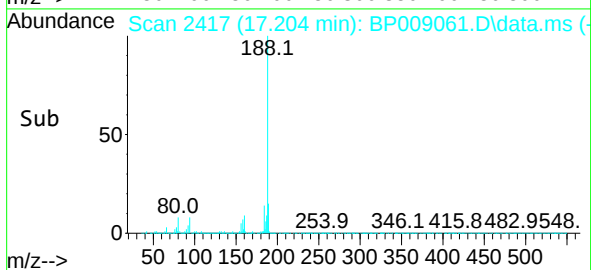
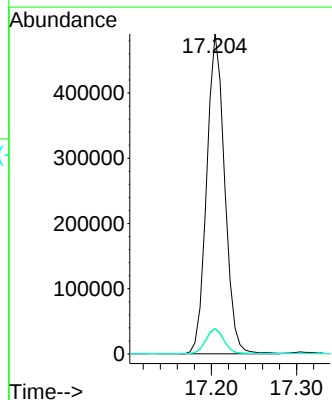
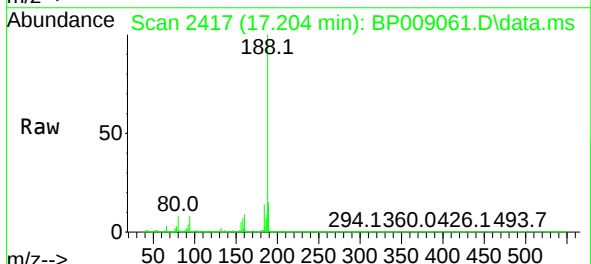
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PIT-11-DEWATERING

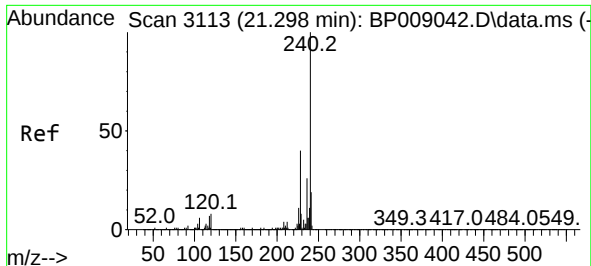
Tgt Ion:166 Resp: 94194
Ion Ratio Lower Upper
166 100
165 100.5 77.2 115.8
167 13.8 11.2 16.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

Tgt Ion:188 Resp: 718044
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.0 7.2 10.8

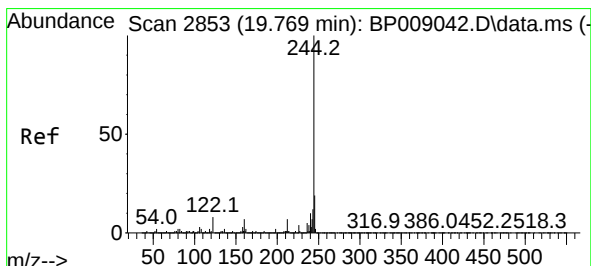
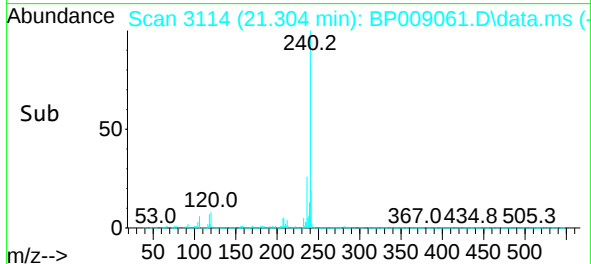
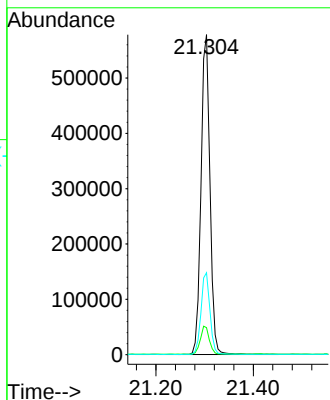
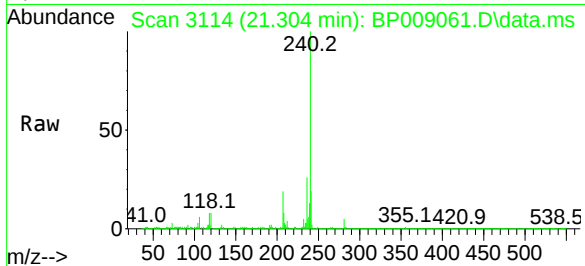




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

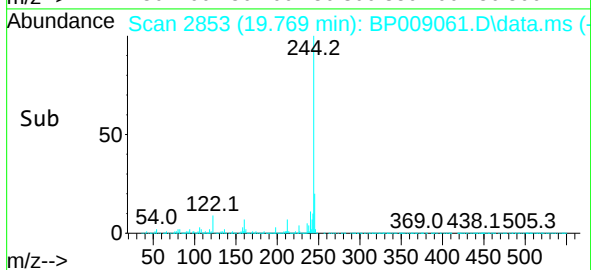
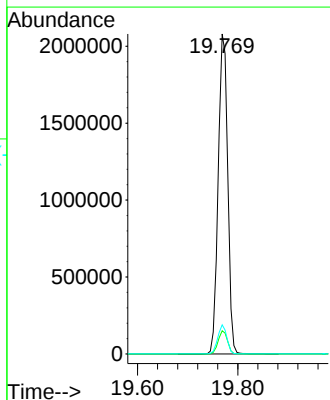
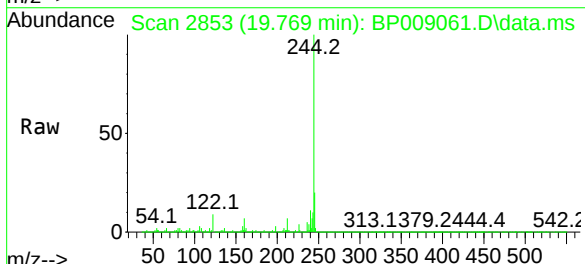
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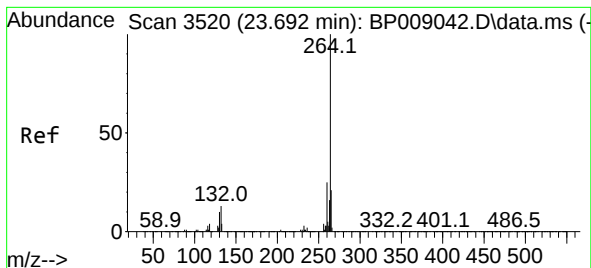
Tgt Ion:240 Resp: 734597
Ion Ratio Lower Upper
240 100
120 8.5 7.7 11.5
236 25.6 21.2 31.8



#79
Terphenyl-d14
Concen: 66.717 ng
RT: 19.769 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

Tgt Ion:244 Resp: 2725324
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 9.1 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.698 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009061.D

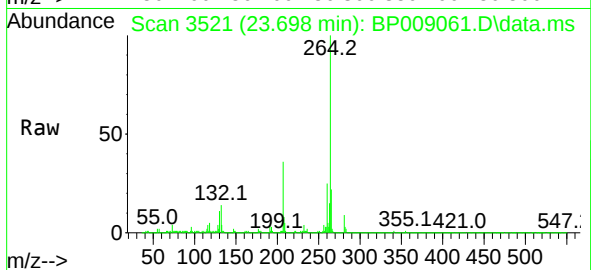
Acq: 08 Feb 2022 16:38

Instrument :

BNA_P

ClientSampleId :

PIT-11-DEWATERING



Tgt Ion:264 Resp: 944652

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 22.1 17.1 25.7

