

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009075.D
 Acq On : 09 Feb 2022 13:36
 Operator : CG/JU
 Sample : N1417-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PIT-11-DEWATERING

Quant Time: Feb 09 14:18:20 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)

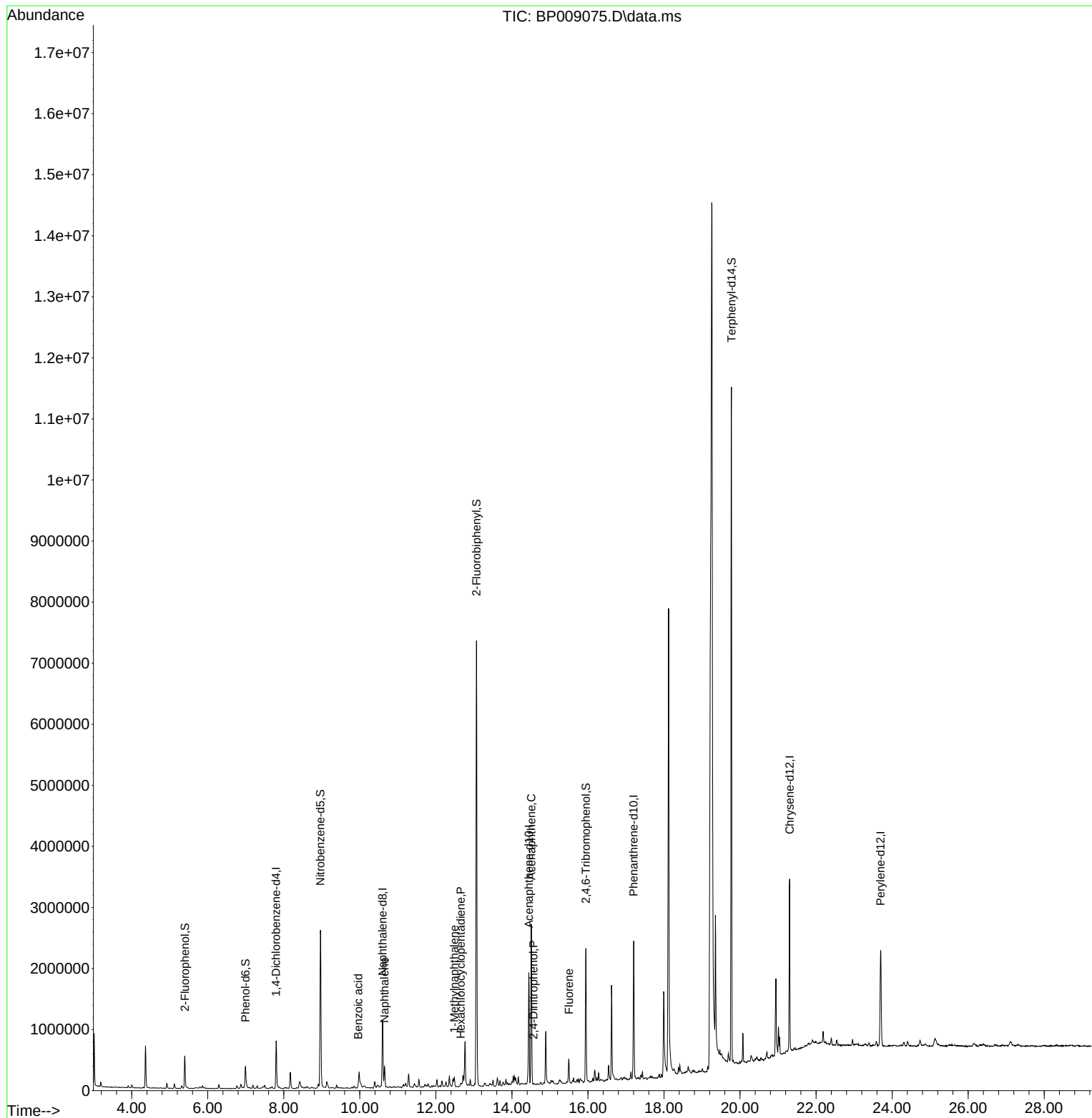
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	235407	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	997325	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	681343	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1426865	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1401104	20.000	ng	0.00
86) Perylene-d12	23.698	264	1249824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	271269	20.556	ng	0.00
7) Phenol-d6	6.993	99	251324	14.453	ng	0.00
23) Nitrobenzene-d5	8.963	82	1542785	87.237	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	471693	51.851	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	4099173	84.222	ng	0.00
79) Terphenyl-d14	19.775	244	5720442	73.422	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.651	128	247354	4.863	ng	98
32) Benzoic acid	9.957	122	1974	2.903	ng	# 48
38) 1-Methylnaphthalene	12.487	142	76868	2.185	ng	# 98
41) Hexachlorocyclopentadiene	12.651	237	44	8.661	ng	82
52) Acenaphthene	14.510	154	982533	26.927	ng	100
54) 2,4-Dinitrophenol	14.569	184	195	2.212	ng	# 1
58) Fluorene	15.498	166	184079	3.898	ng	99

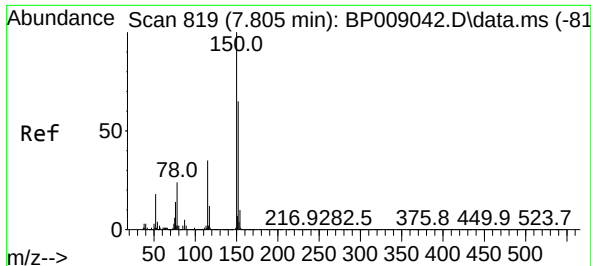
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

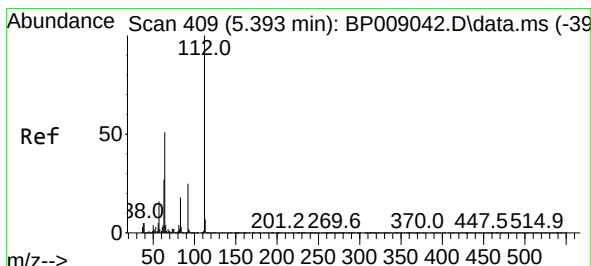
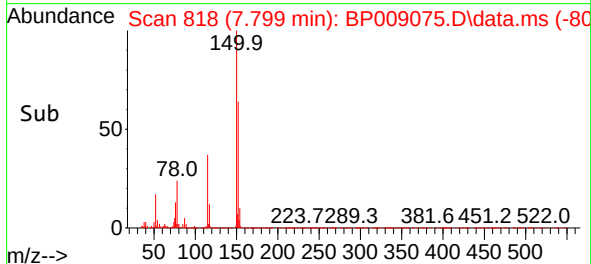
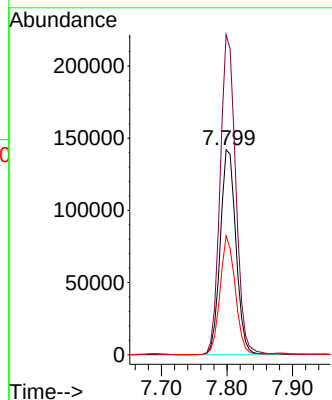
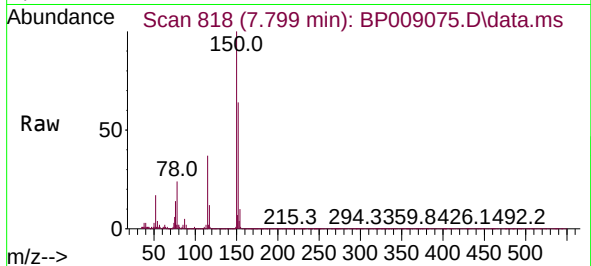




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009075.D
Acq: 09 Feb 2022 13:36

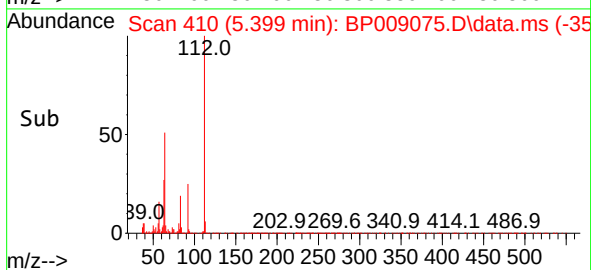
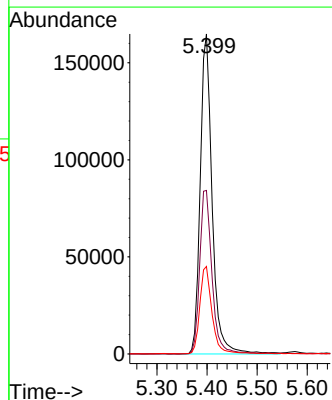
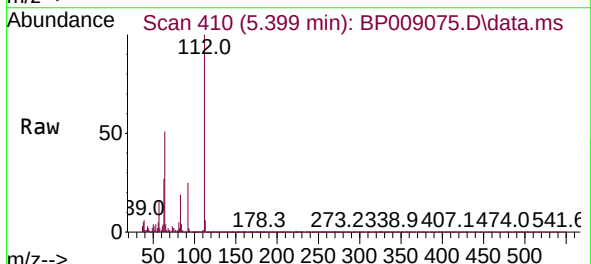
Instrument :
BNA_P
ClientSampleId :
PIT-11-DEWATERING

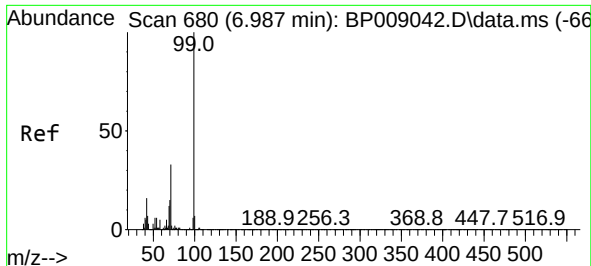
Tgt Ion:152 Resp: 235407
Ion Ratio Lower Upper
152 100
150 156.1 127.0 190.6
115 58.0 43.7 65.5



#5
2-Fluorophenol
Concen: 20.556 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009075.D
Acq: 09 Feb 2022 13:36

Tgt Ion:112 Resp: 271269
Ion Ratio Lower Upper
112 100
64 51.1 39.7 59.5
63 27.3 20.0 30.0

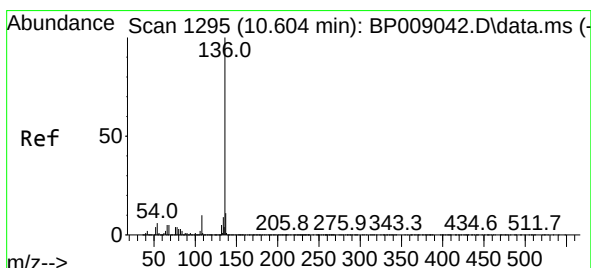
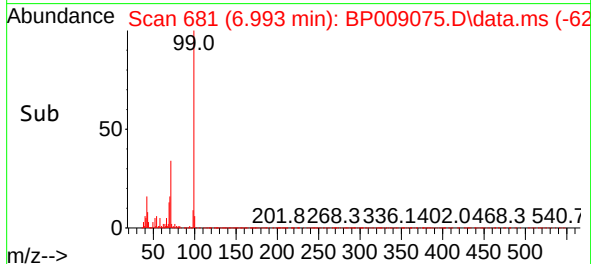
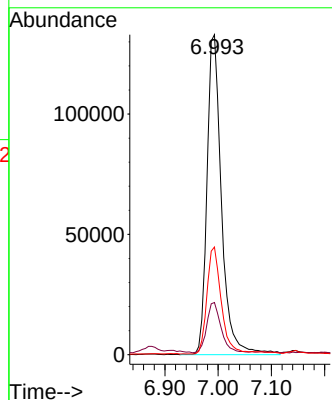
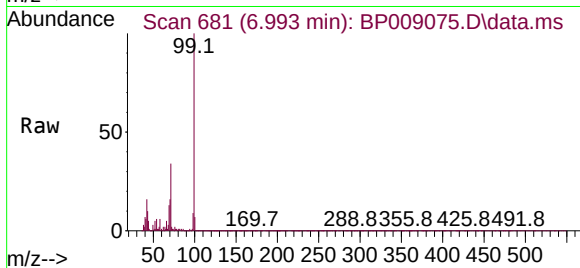




#7
Phenol-d6
Concen: 14.453 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP009075.D
Acq: 09 Feb 2022 13:36

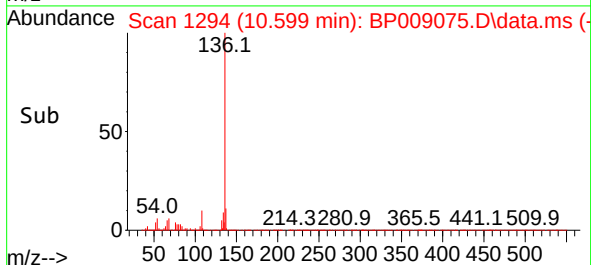
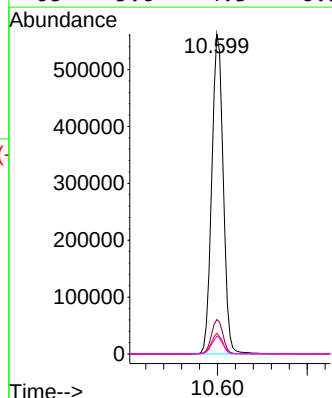
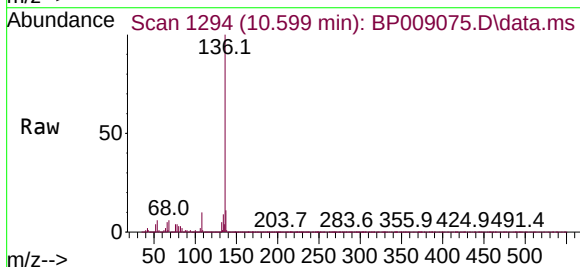
Instrument :
BNA_P
ClientSampleId :
PIT-11-DEWATERING

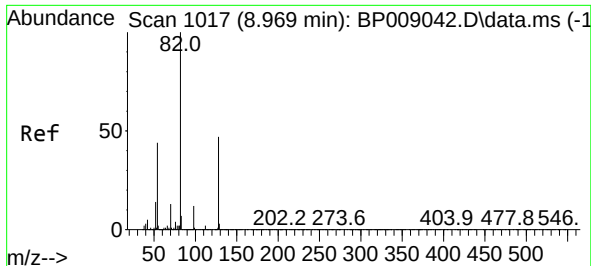
Tgt Ion: 99 Resp: 251324
Ion Ratio Lower Upper
99 100
42 16.3 10.8 16.2#
71 33.6 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BP009075.D
Acq: 09 Feb 2022 13:36

Tgt Ion:136 Resp: 997325
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.4 4.9 7.3
68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 87.237 ng

RT: 8.963 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BP009075.D

Acq: 09 Feb 2022 13:36

Instrument :

BNA_P

ClientSampleId :

PIT-11-DEWATERING

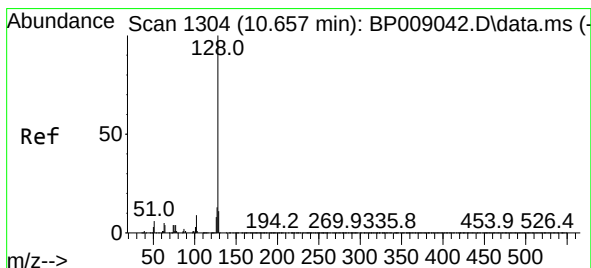
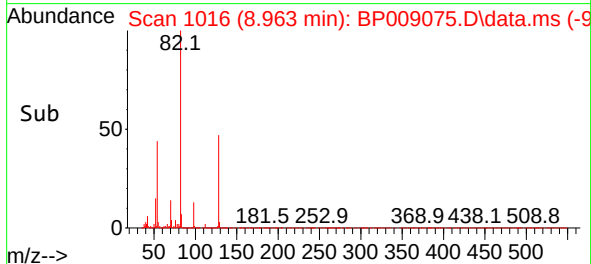
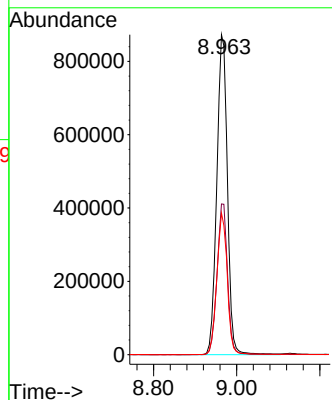
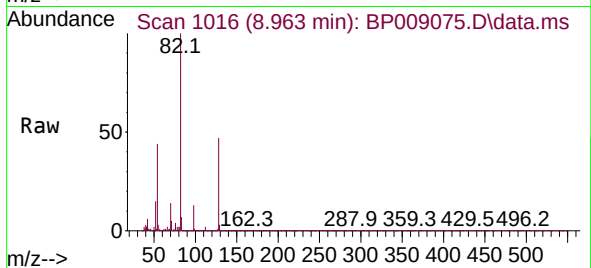
Tgt Ion: 82 Resp: 1542785

Ion Ratio Lower Upper

82 100

128 47.1 39.4 59.2

54 44.2 32.6 48.8



#31

Naphthalene

Concen: 4.863 ng

RT: 10.651 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BP009075.D

Acq: 09 Feb 2022 13:36

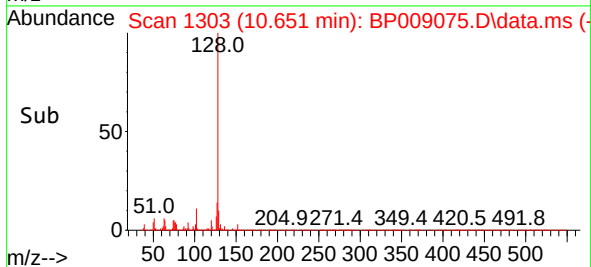
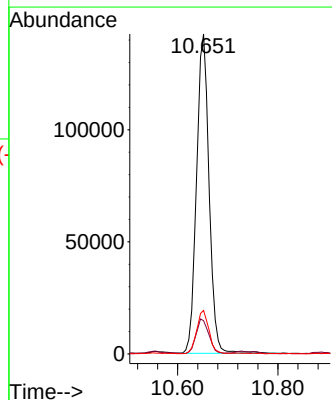
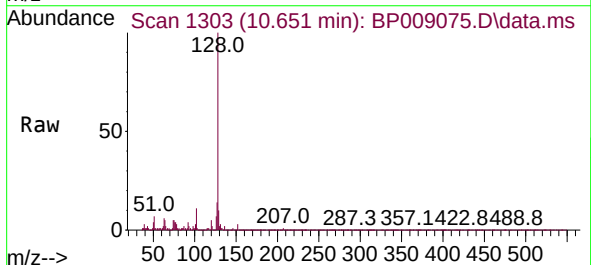
Tgt Ion:128 Resp: 247354

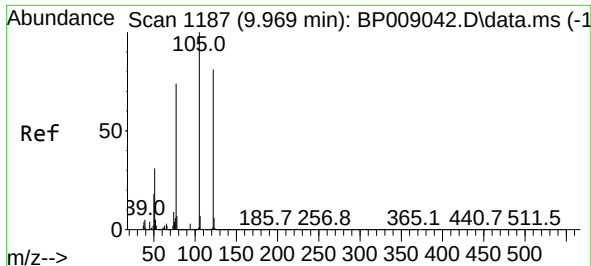
Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

127 13.6 10.4 15.6

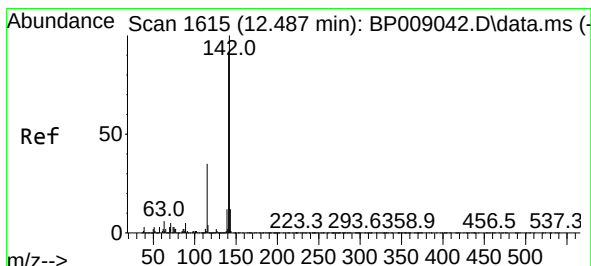
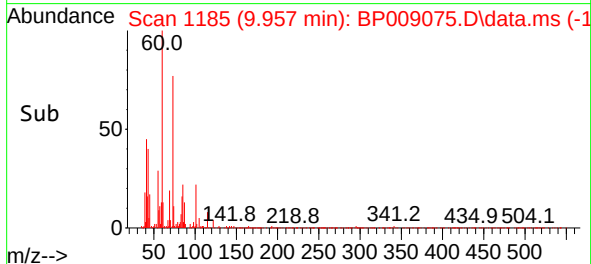
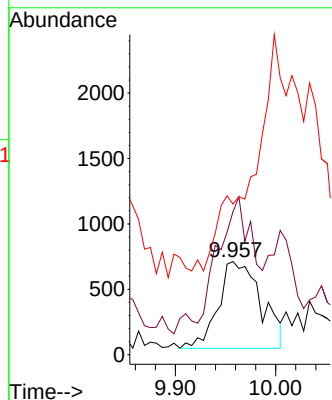
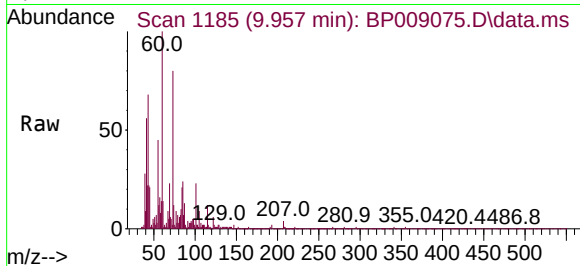




#32
Benzoic acid
Concen: 2.903 ng
RT: 9.957 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BP009075.D
Acq: 09 Feb 2022 13:36

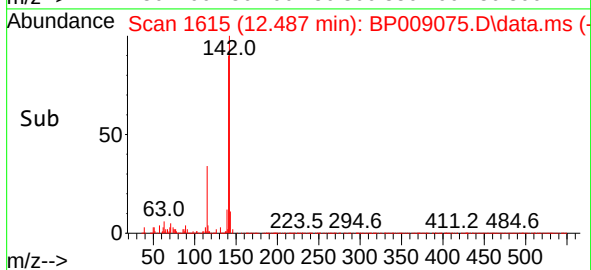
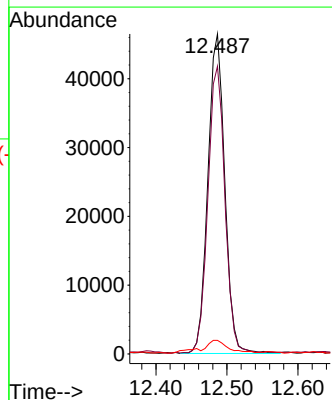
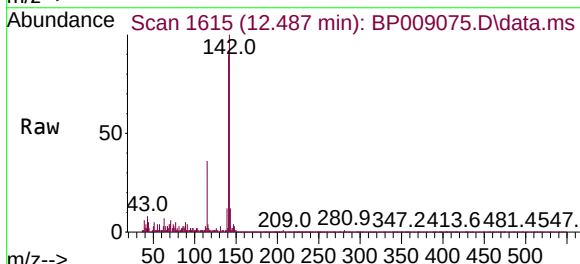
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ClientSampleId :
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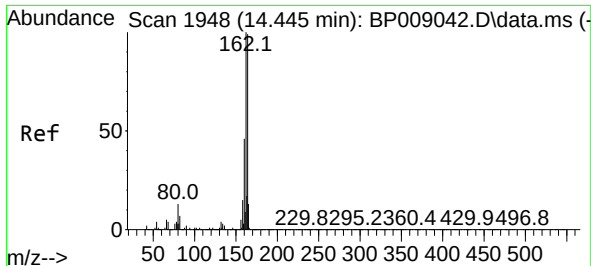
Tgt Ion:122 Resp: 1974
Ion Ratio Lower Upper
122 100
105 153.7 100.1 140.1#
77 161.7 65.5 105.5#



#38
1-Methylnaphthalene
Concen: 2.185 ng
RT: 12.487 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BP009075.D
Acq: 09 Feb 2022 13:36

Tgt Ion:142 Resp: 76868
Ion Ratio Lower Upper
142 100
141 89.9 73.2 109.8
116 4.2 2.7 4.1#

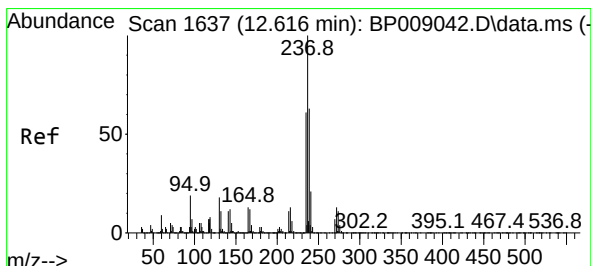
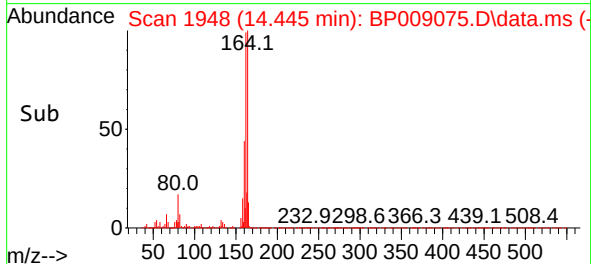
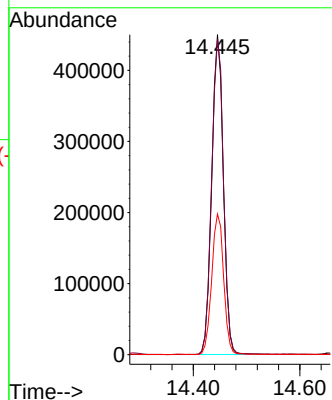
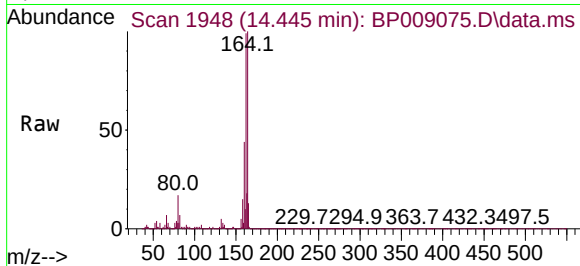




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009075.D
Acq: 09 Feb 2022 13:36

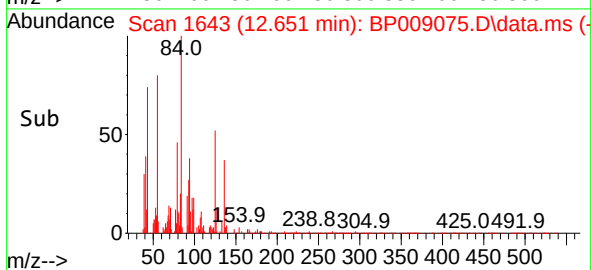
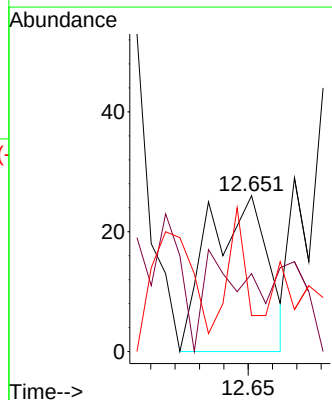
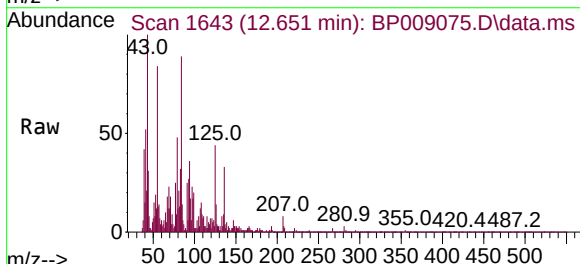
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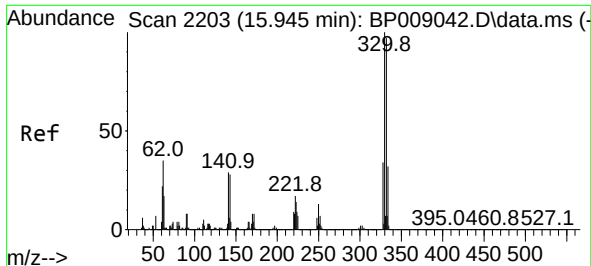
Tgt Ion:164 Resp: 681343
Ion Ratio Lower Upper
164 100
162 98.7 79.9 119.9
160 43.9 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.651 min Scan# 1643
Delta R.T. 0.035 min
Lab File: BP009075.D
Acq: 09 Feb 2022 13:36

Tgt Ion:237 Resp: 44
Ion Ratio Lower Upper
237 100
235 50.0 42.9 82.9
272 23.1 0.0 33.8

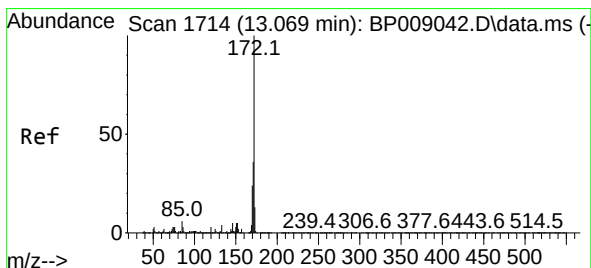
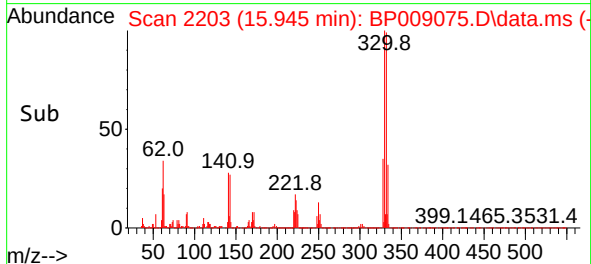
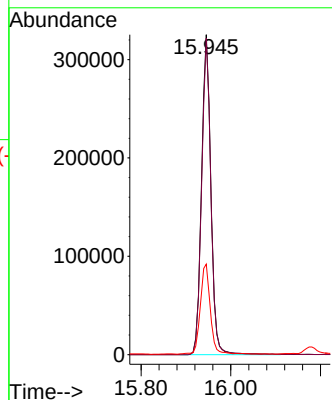
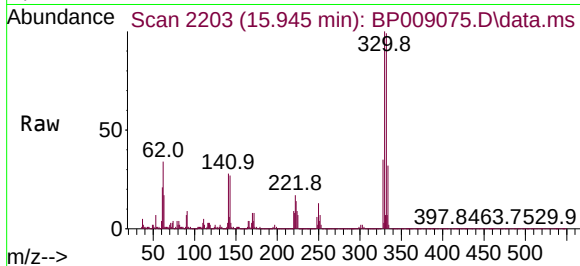




#42
2,4,6-Tribromophenol
Concen: 51.851 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009075.D
Acq: 09 Feb 2022 13:36

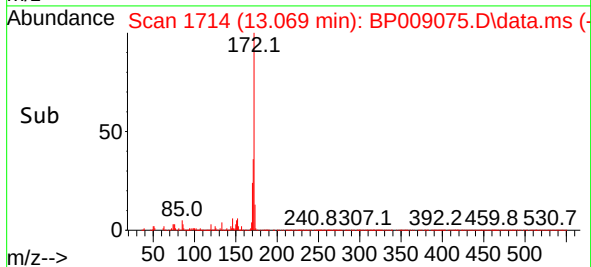
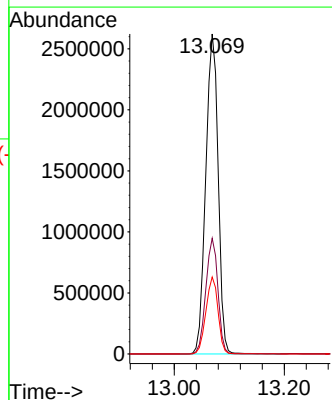
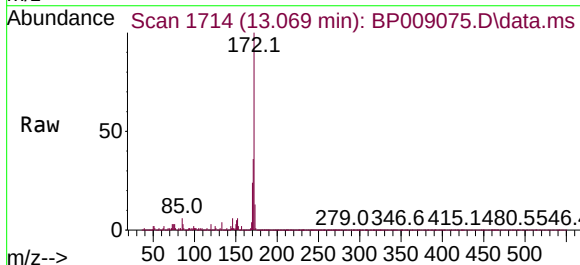
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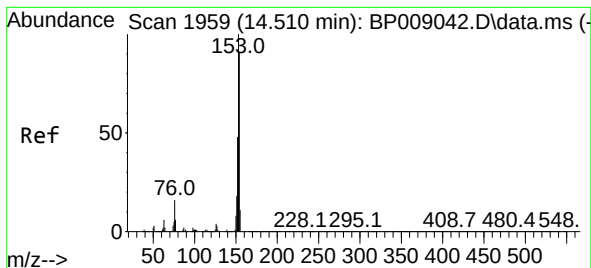
Tgt Ion:330 Resp: 471693
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 29.5 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 84.222 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009075.D
Acq: 09 Feb 2022 13:36

Tgt Ion:172 Resp: 4099173
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 24.1 19.5 29.3





#52

Acenaphthene

Concen: 26.927 ng

RT: 14.510 min Scan# 1959

Delta R.T. 0.000 min

Lab File: BP009075.D

Acq: 09 Feb 2022 13:36

Instrument :

BNA_P

ClientSampleId :

PIT-11-DEWATERING

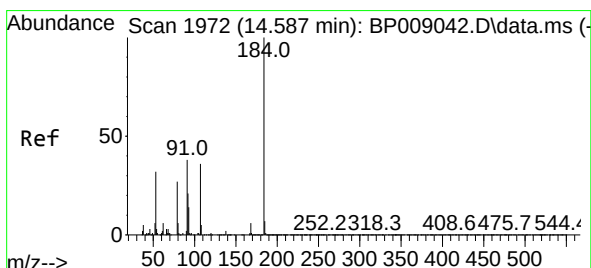
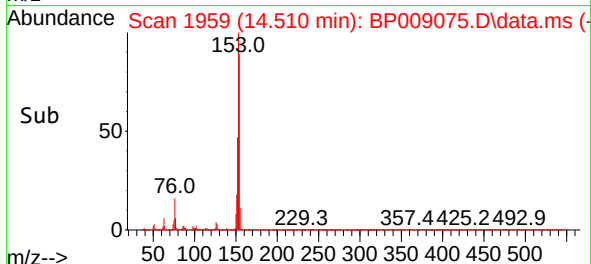
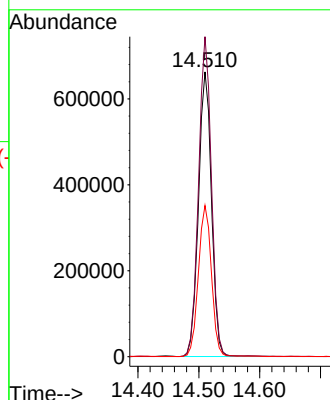
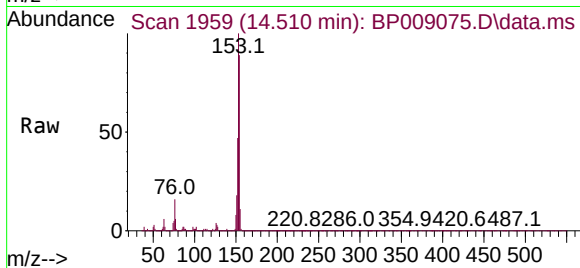
Tgt Ion:154 Resp: 982533

Ion Ratio Lower Upper

154 100

153 112.3 89.4 134.2

152 53.1 42.6 63.8



#54

2,4-Dinitrophenol

Concen: 2.212 ng

RT: 14.569 min Scan# 1969

Delta R.T. -0.018 min

Lab File: BP009075.D

Acq: 09 Feb 2022 13:36

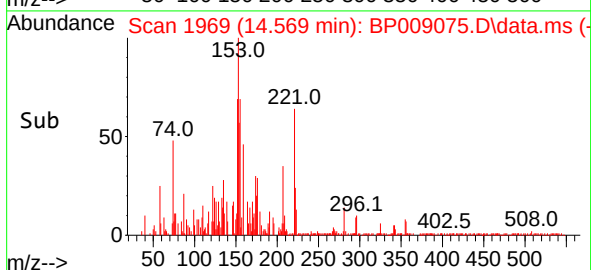
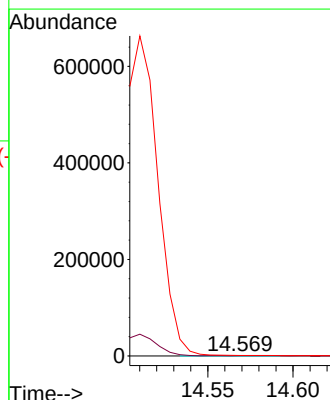
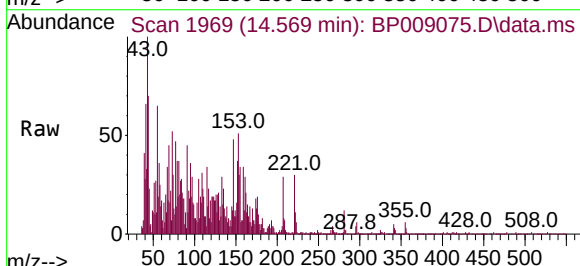
Tgt Ion:184 Resp: 195

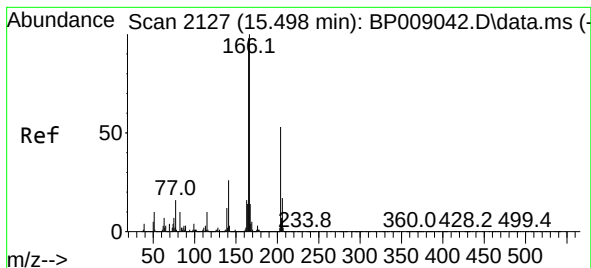
Ion Ratio Lower Upper

184 100

63 552.6 35.6 53.4#

154 1020.2 43.4 65.0#





#58

Fluorene

Concen: 3.898 ng

RT: 15.498 min Scan# 2127

Delta R.T. 0.000 min

Lab File: BP009075.D

Acq: 09 Feb 2022 13:36

Instrument :

BNA_P

ClientSampleId :

PIT-11-DEWATERING

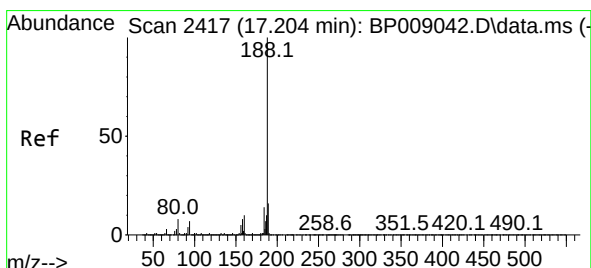
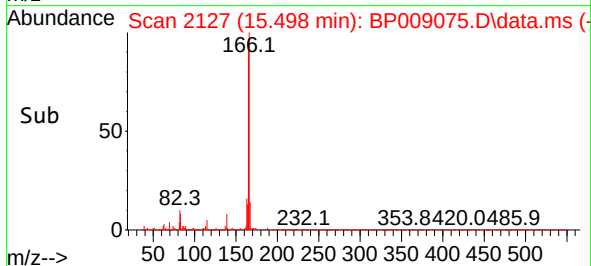
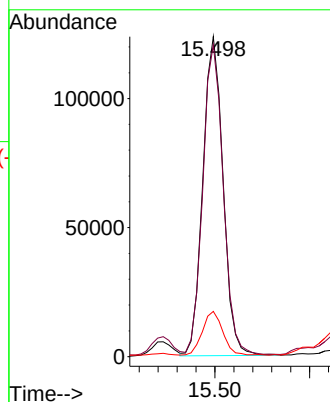
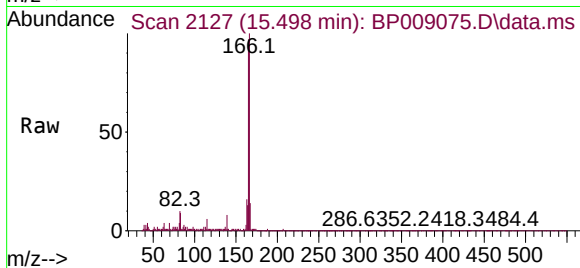
Tgt Ion:166 Resp: 184079

Ion Ratio Lower Upper

166 100

165 97.4 77.2 115.8

167 14.2 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: BP009075.D

Acq: 09 Feb 2022 13:36

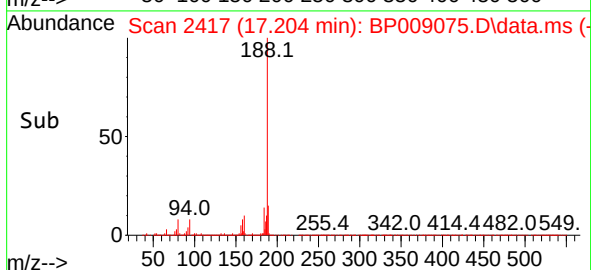
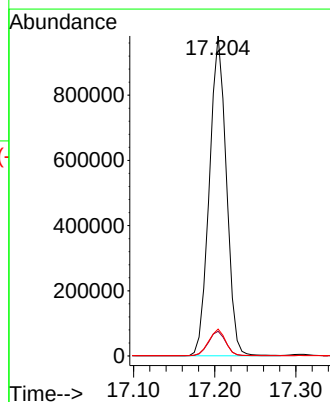
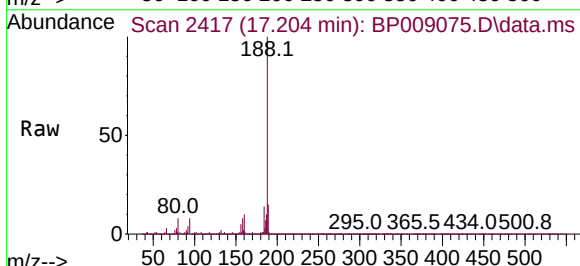
Tgt Ion:188 Resp: 1426865

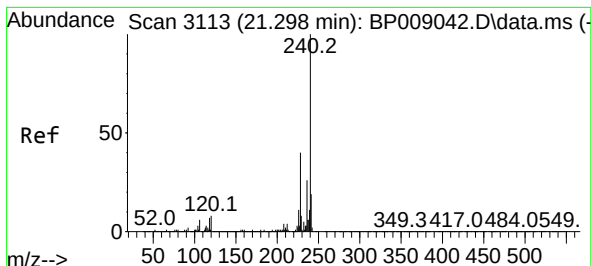
Ion Ratio Lower Upper

188 100

94 7.7 6.8 10.2

80 8.4 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.304 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BP009075.D

Acq: 09 Feb 2022 13:36

Instrument :

BNA_P

ClientSampleId :

PIT-11-DEWATERING

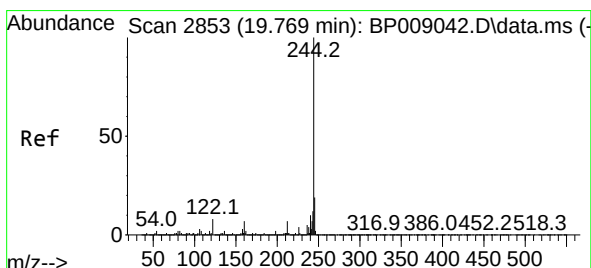
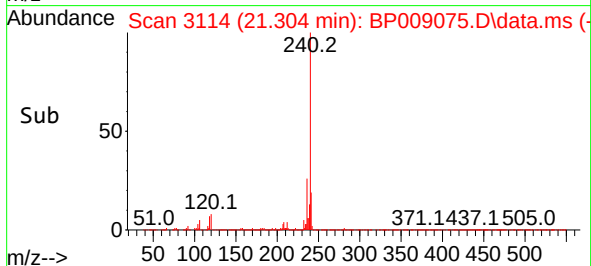
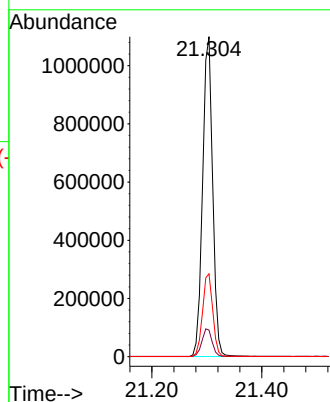
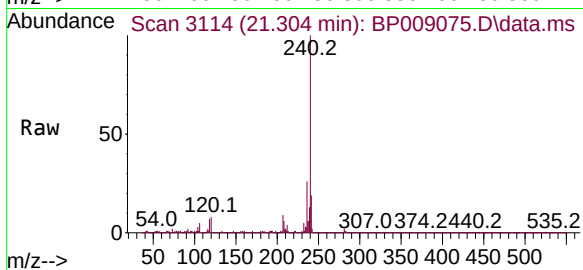
Tgt Ion:240 Resp: 1401104

Ion Ratio Lower Upper

240 100

120 8.3 7.7 11.5

236 25.9 21.2 31.8



#79

Terphenyl-d14

Concen: 73.422 ng

RT: 19.775 min Scan# 2854

Delta R.T. 0.006 min

Lab File: BP009075.D

Acq: 09 Feb 2022 13:36

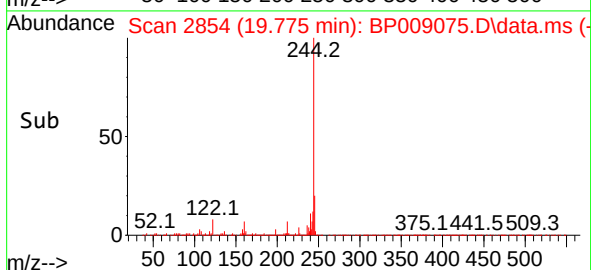
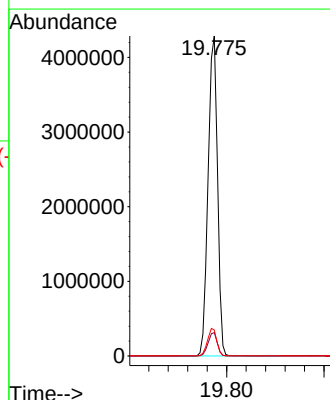
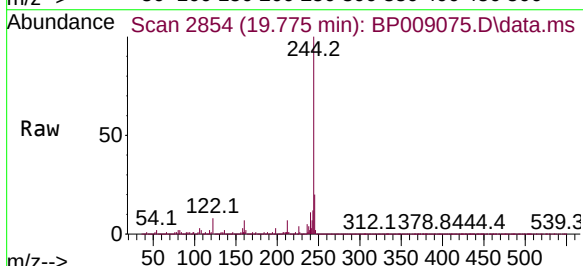
Tgt Ion:244 Resp: 5720442

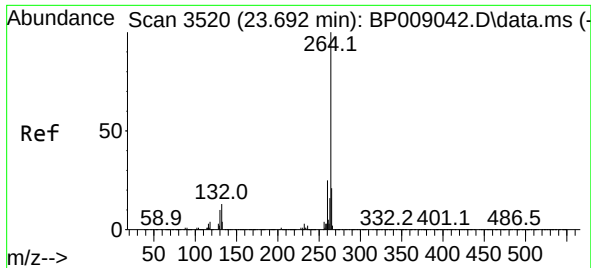
Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 8.1 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP009075.D
 Acq: 09 Feb 2022 13:36

Instrument :
 BNA_P
 ClientSampleId :
 PIT-11-DEWATERING

Tgt Ion:264 Resp: 1249824
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 22.9 17.1 25.7

