

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)

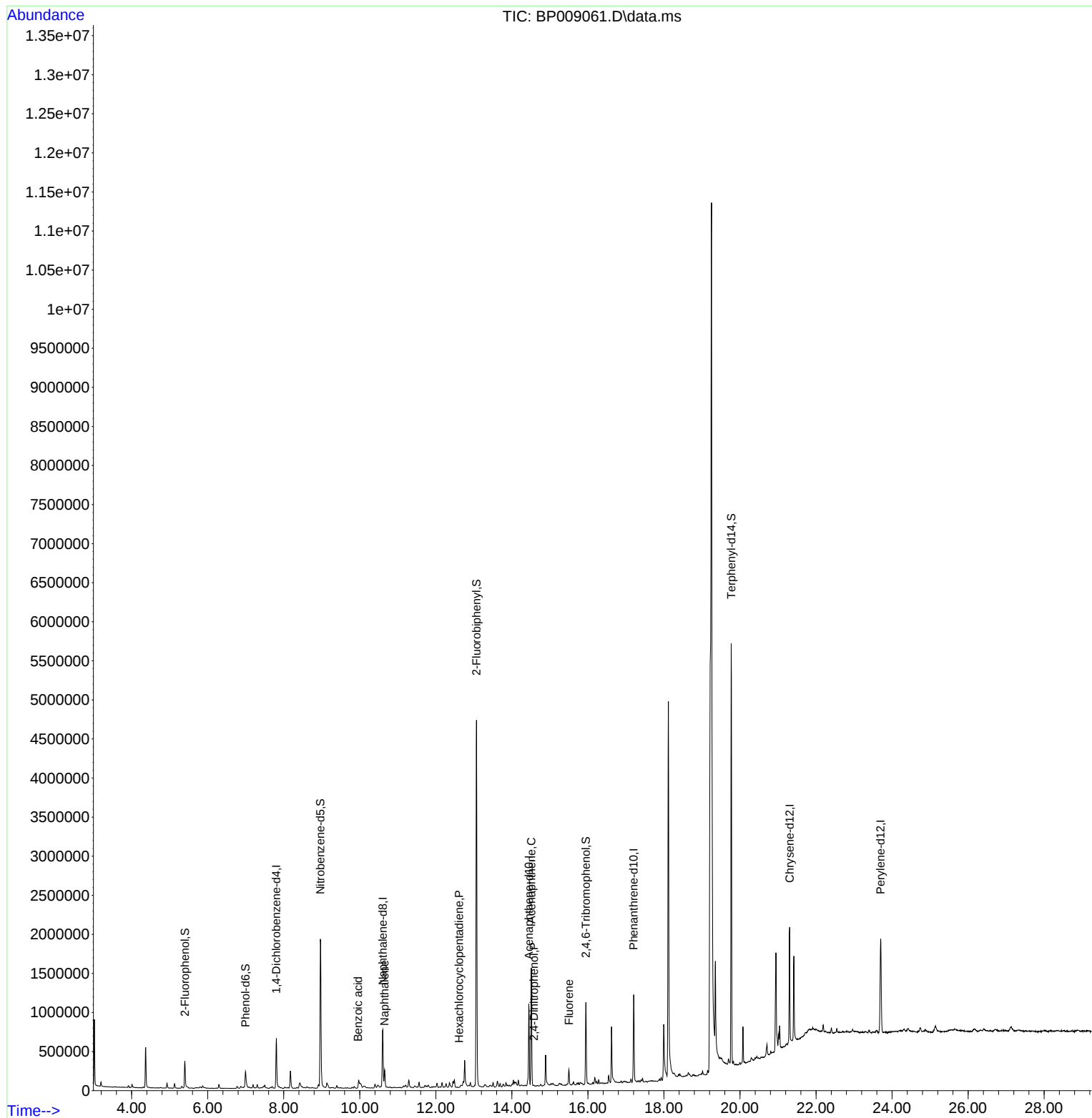
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	192303	20.000	ng	0.00
21) Naphthalene-d8	10.605	136	678626	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	386456	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	718044	20.000	ng	0.00
76) Chrysene-d12	21.304	240	734597	20.000	ng	0.00
86) Perylene-d12	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
32) Benzoic acid	9.952	122	39	2.695	ng	# 1
41) Hexachlorocyclopentadiene	12.610	237	13	8.658	ng	84
52) Acenaphthene	14.510	154	561549	27.132	ng	99
54) 2,4-Dinitrophenol	14.581	184	72	2.196	ng	# 1
58) Fluorene	15.498	166	94194	3.516	ng	96

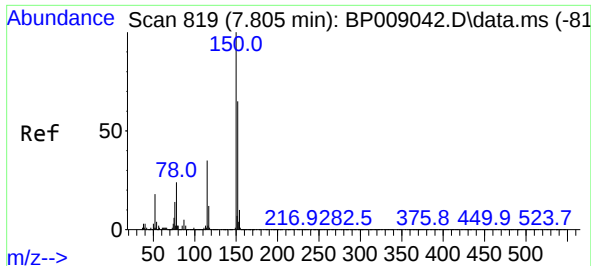
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

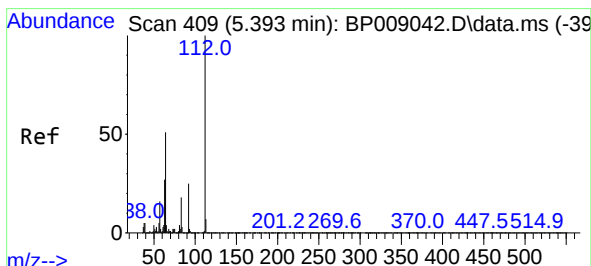
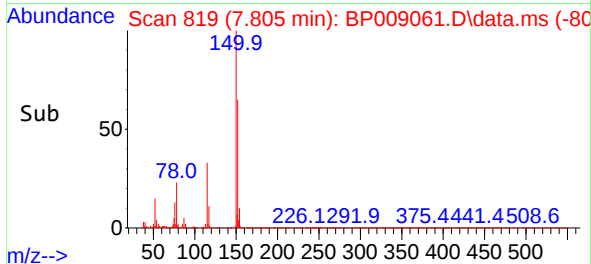
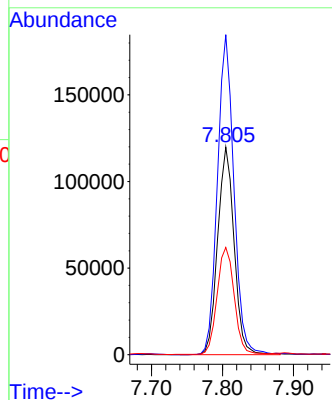
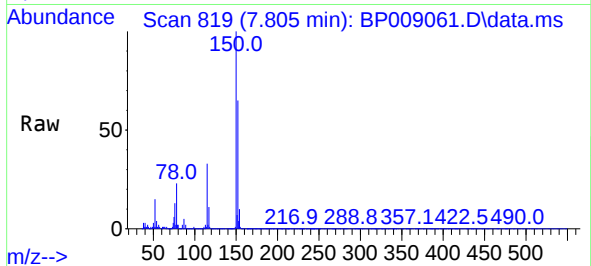




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

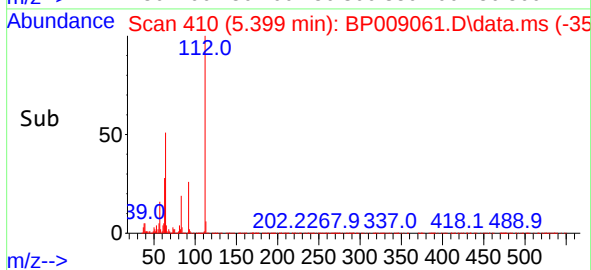
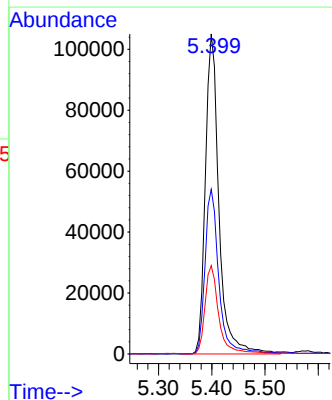
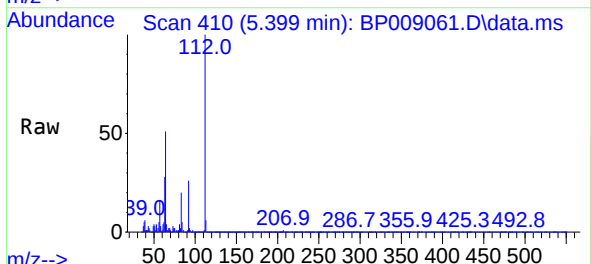
Instrument :
BNA_P
ClientSampleId :
PIT-11-DEWATERING

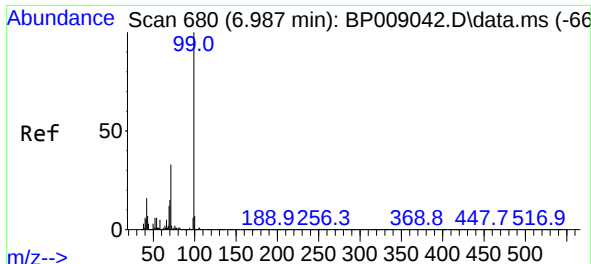
Tgt Ion:152 Resp: 192303
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 51.7 43.7 65.5



#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





Phenol-d6

Concen: 11.506 ng

RT: 6.993 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP009061.D

Acq: 08 Feb 2022 16:38

Instrument :

BNA_P

ClientSampleId :

PIT-11-DEWATERING

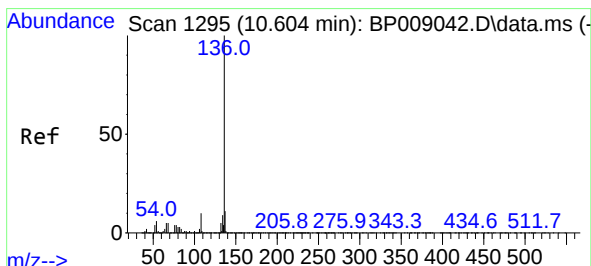
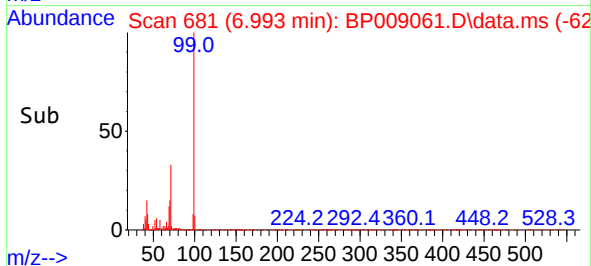
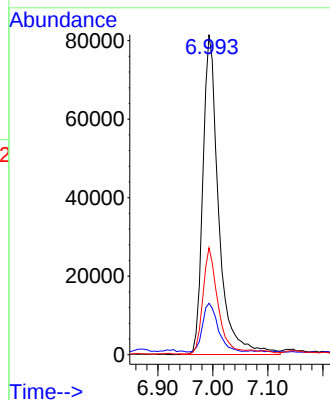
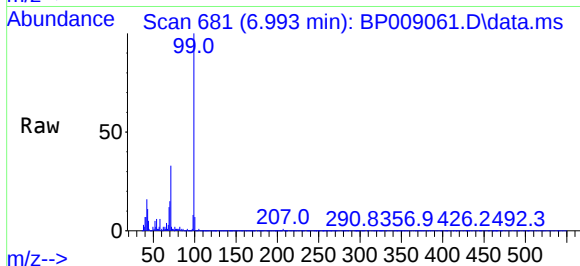
Tgt Ion: 99 Resp: 163438

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

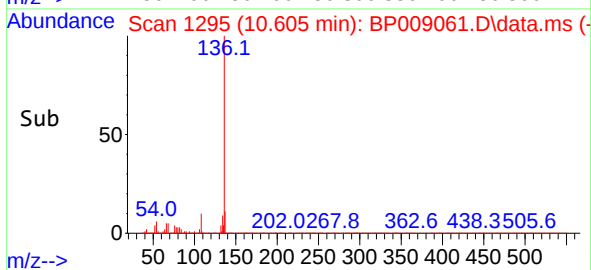
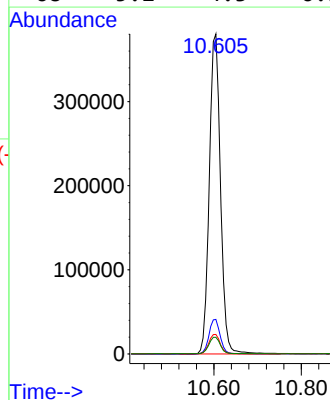
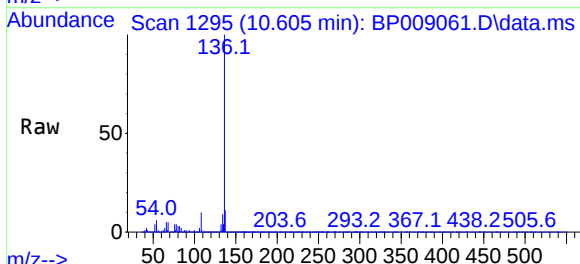
Ion Ratio Lower Upper

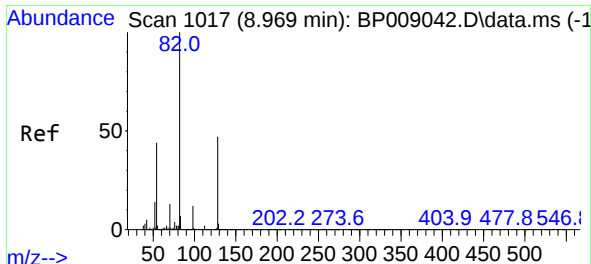
136 100

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

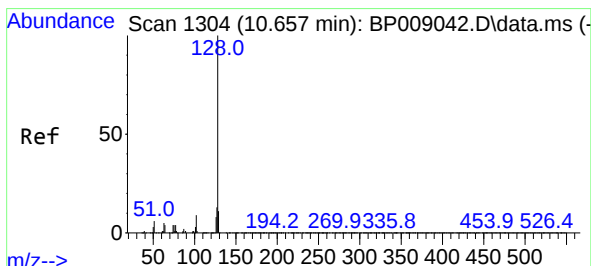
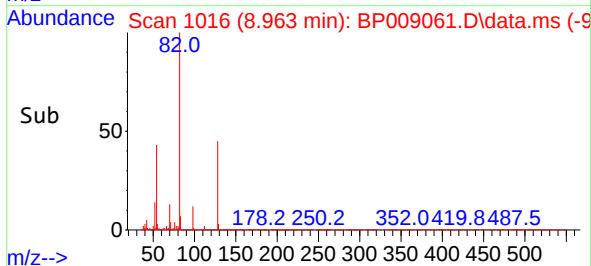
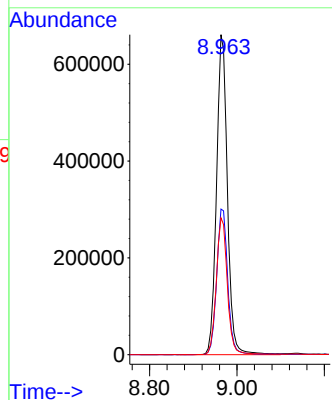
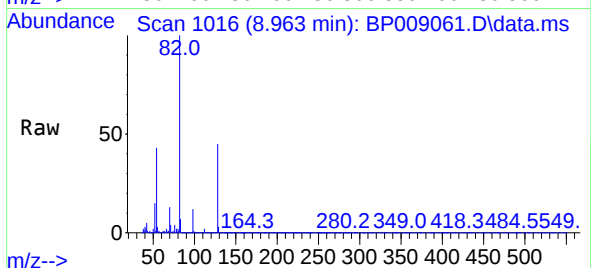
Tgt Ion: 82 Resp: 1141901

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

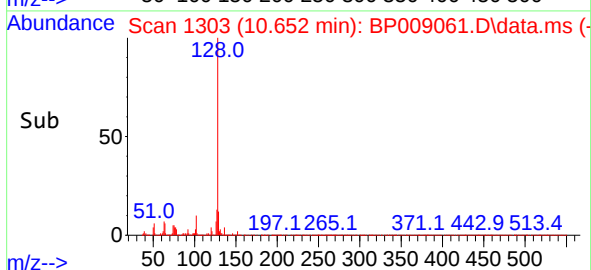
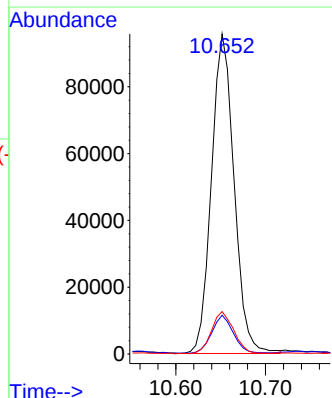
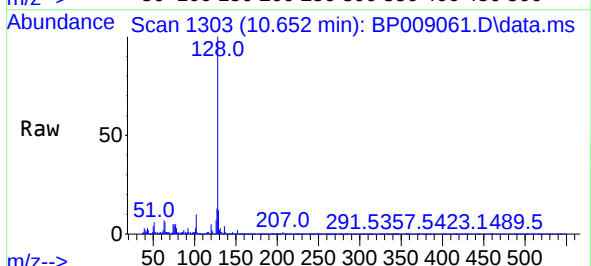
Tgt Ion: 128 Resp: 167788

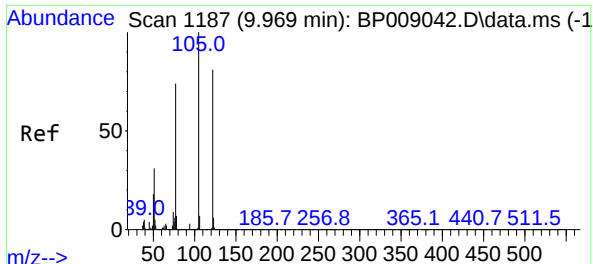
Ion Ratio Lower Upper

128 100

129 12.1 8.8 13.2

127 13.3 10.4 15.6

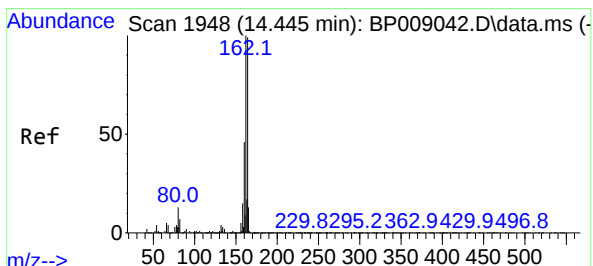
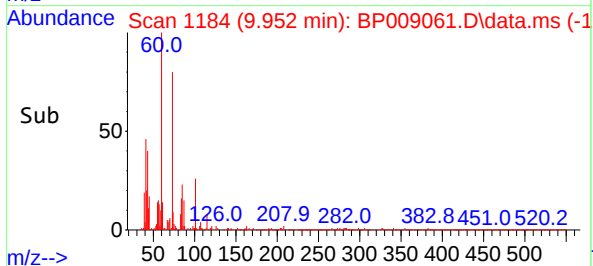
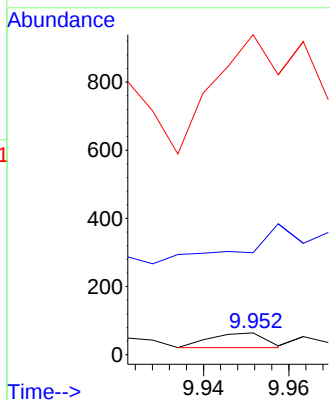
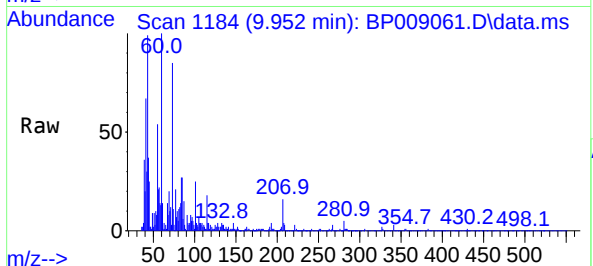




#32
Benzoic acid
Concen: 2.695 ng
RT: 9.952 min Scan# 1187
Delta R.T. -0.017 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

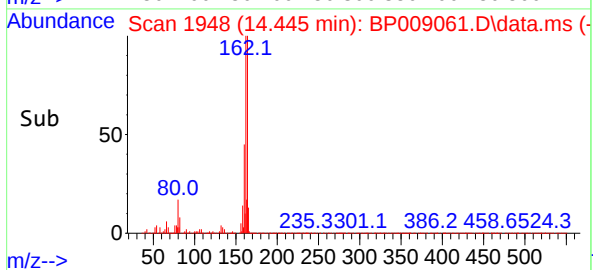
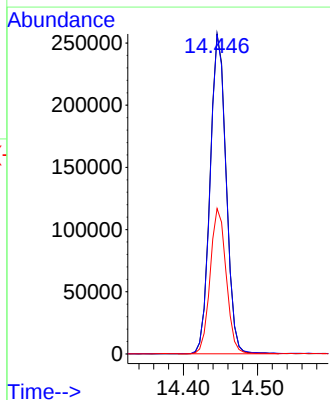
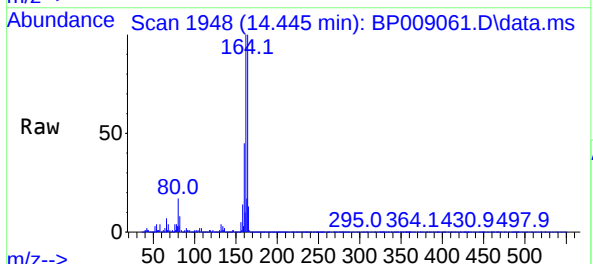
Instrument :
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PIT-11-DEWATERING

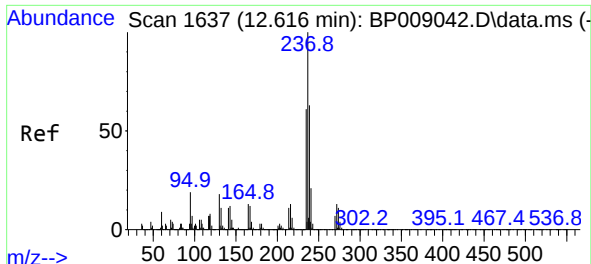
Tgt Ion:122 Resp: 39
Ion Ratio Lower Upper
122 100
105 467.2 100.1 140.1#
77 1467.2 65.5 105.5#



#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

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



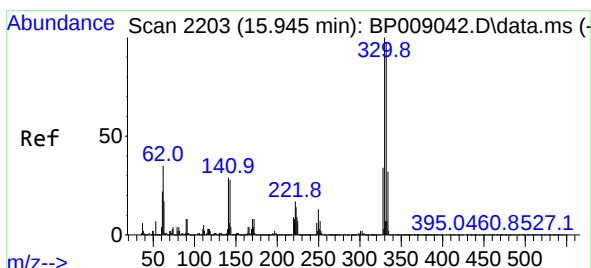
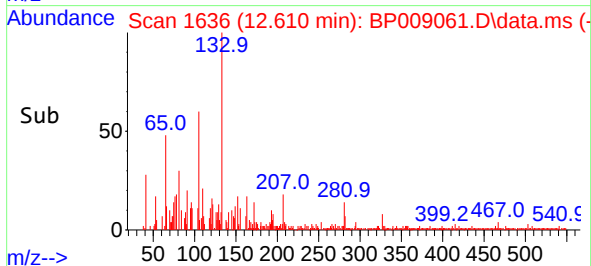
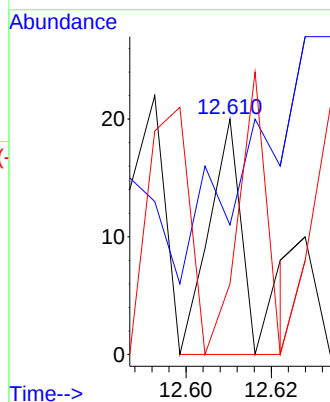
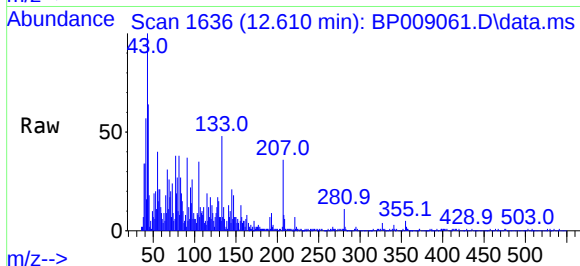


#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

Instrument :
BNA_P
ClientSampleId :
PIT-11-DEWATERING

Tgt Ion: 237 Resp: 13

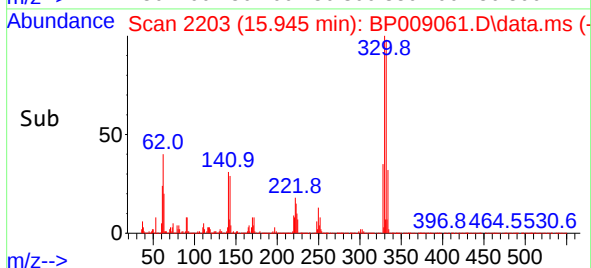
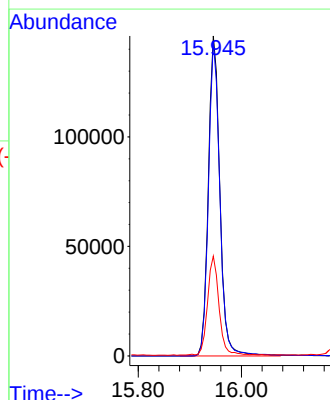
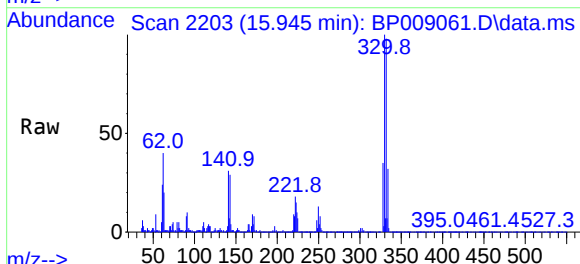
Ion	Ratio	Lower	Upper
237	100		
235	55.0	42.9	82.9
272	30.0	0.0	33.8

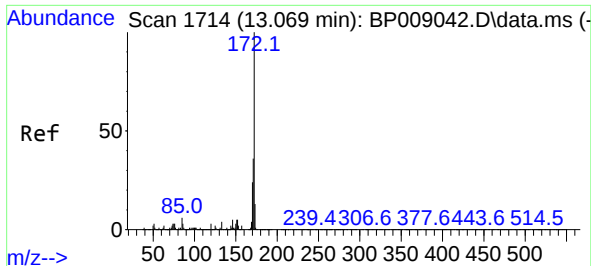


#42
2,4,6-Tribromophenol
Concen: 43.803 ng
RT: 15.945 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

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

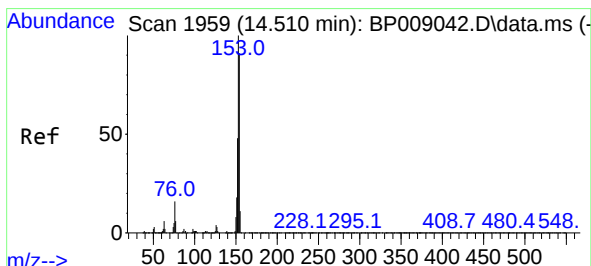
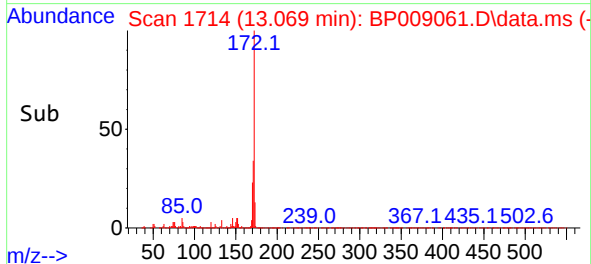
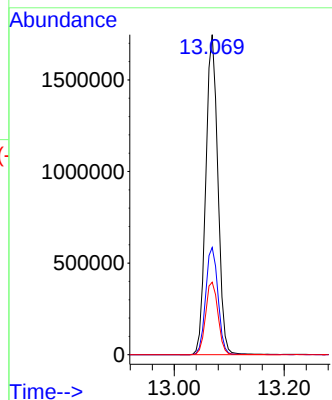
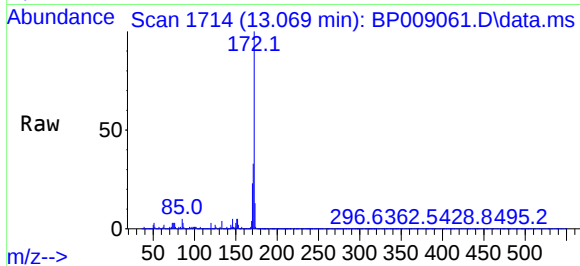




#45
2-Fluorobiphenyl
Concen: 96.250 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

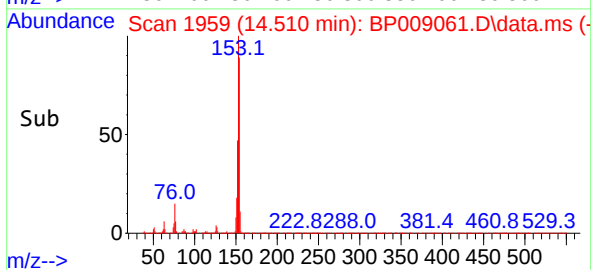
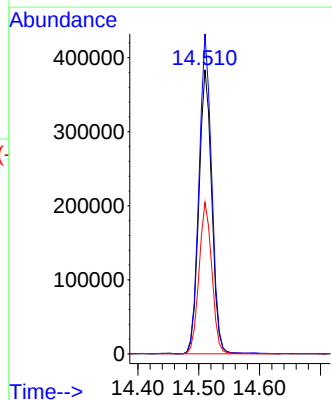
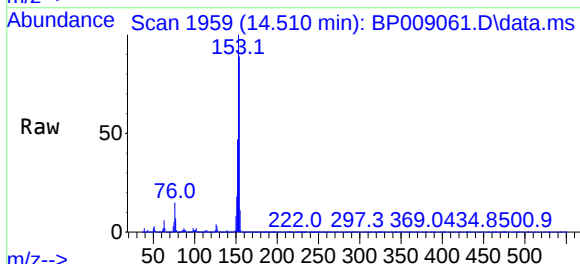
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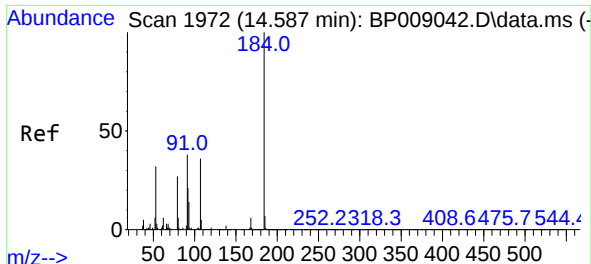
Tgt Ion:172 Resp: 2657080
Ion Ratio Lower Upper
172 100
171 33.5 29.3 43.9
170 22.7 19.5 29.3



#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

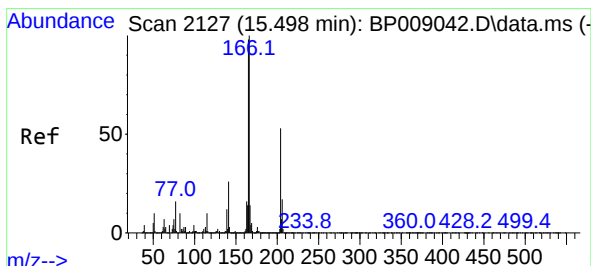
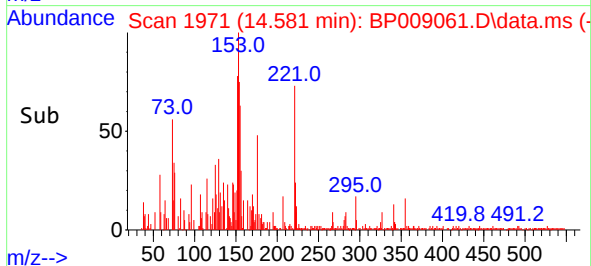
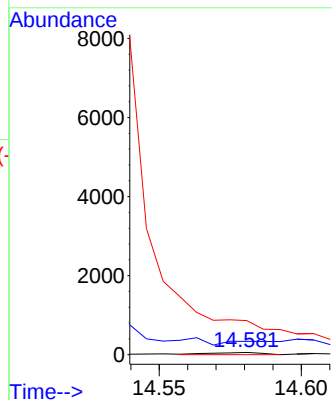
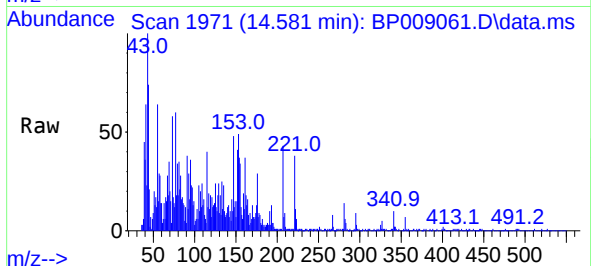




#54
2,4-Dinitrophenol
Concen: 2.196 ng
RT: 14.581 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

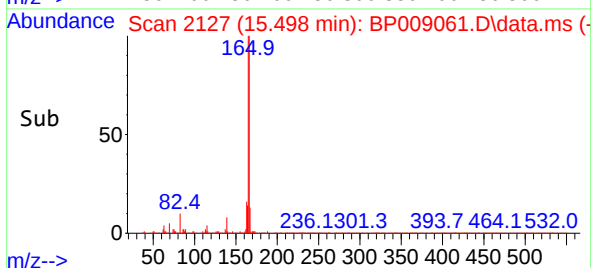
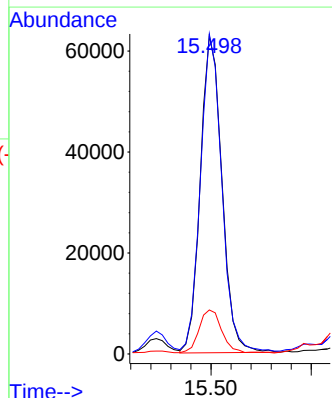
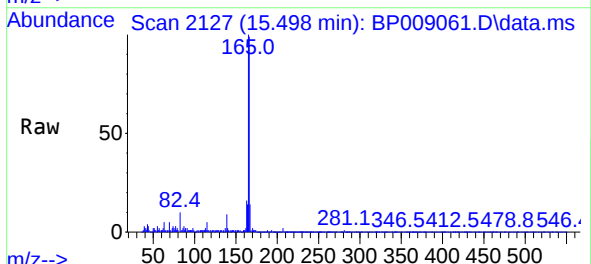
Instrument :
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ClientSampleId :
PIT-11-DEWATERING

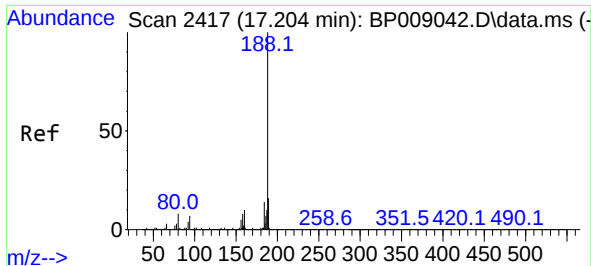
Tgt Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 581.0 35.6 53.4#
154 1489.7 43.4 65.0#



#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

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

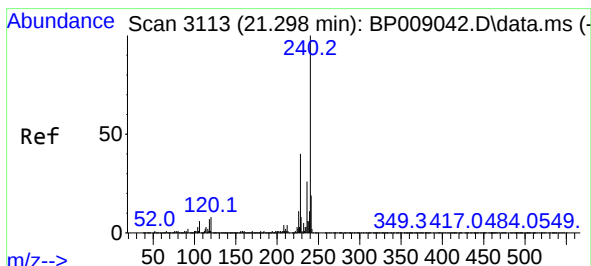
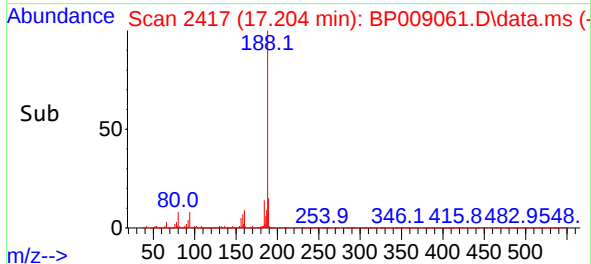
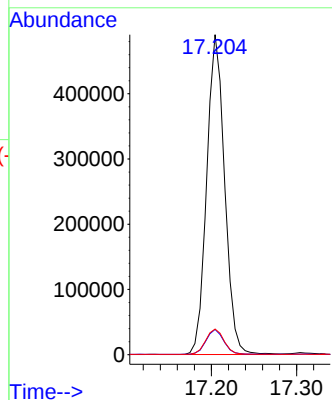
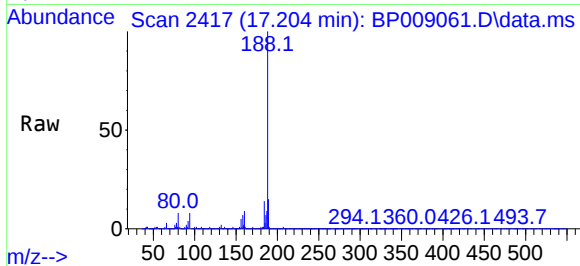




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

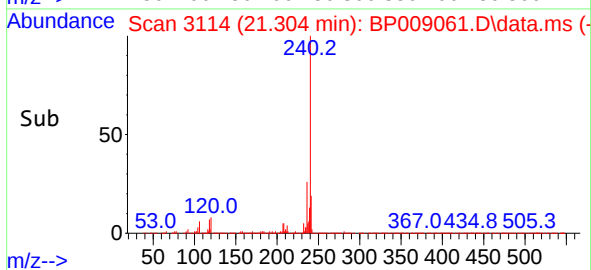
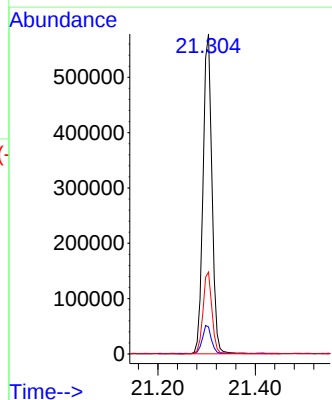
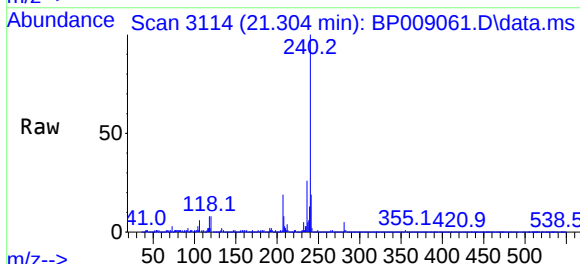
Instrument :
BNA_P
ClientSampleId :
PIT-11-DEWATERING

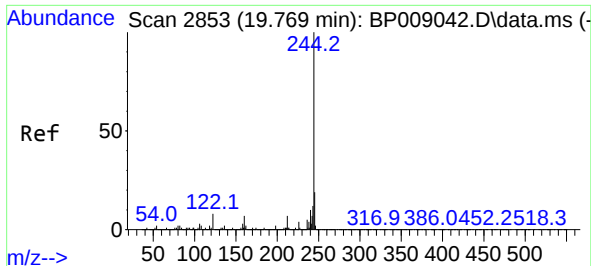
Tgt Ion:188 Resp: 718044
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

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

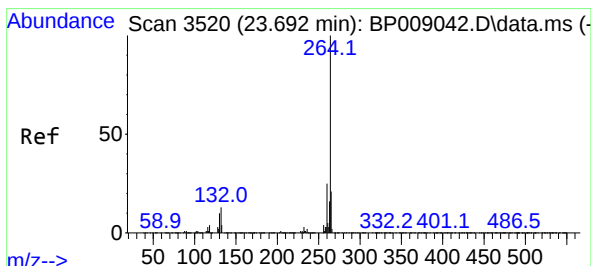
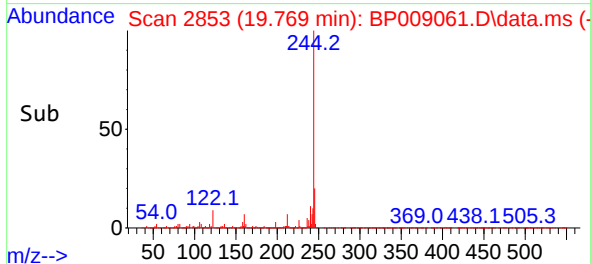
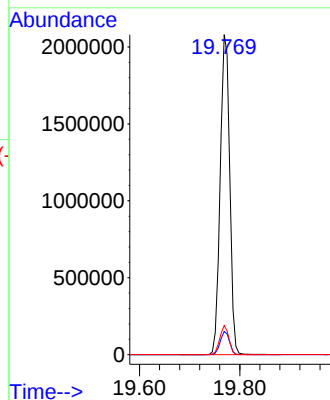
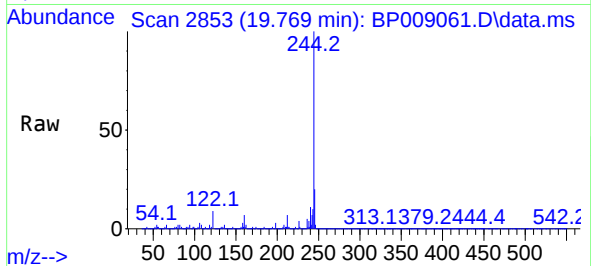




#79
Terphenyl-d14
Concen: 66.717 ng
RT: 19.769 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

Instrument :
BNA_P
ClientSampleId :
PIT-11-DEWATERING

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# 3521
Delta R.T. 0.006 min
Lab File: BP009061.D
Acq: 08 Feb 2022 16:38

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

