

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092021\
 Data File : BP007063.D
 Acq On : 20 Sep 2021 22:33
 Operator : CG/JU
 Sample : M3817-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SW-RR-02-(1.0)

Quant Time: Sep 21 01:04:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 10:50:16 2021
 Response via : Initial Calibration

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

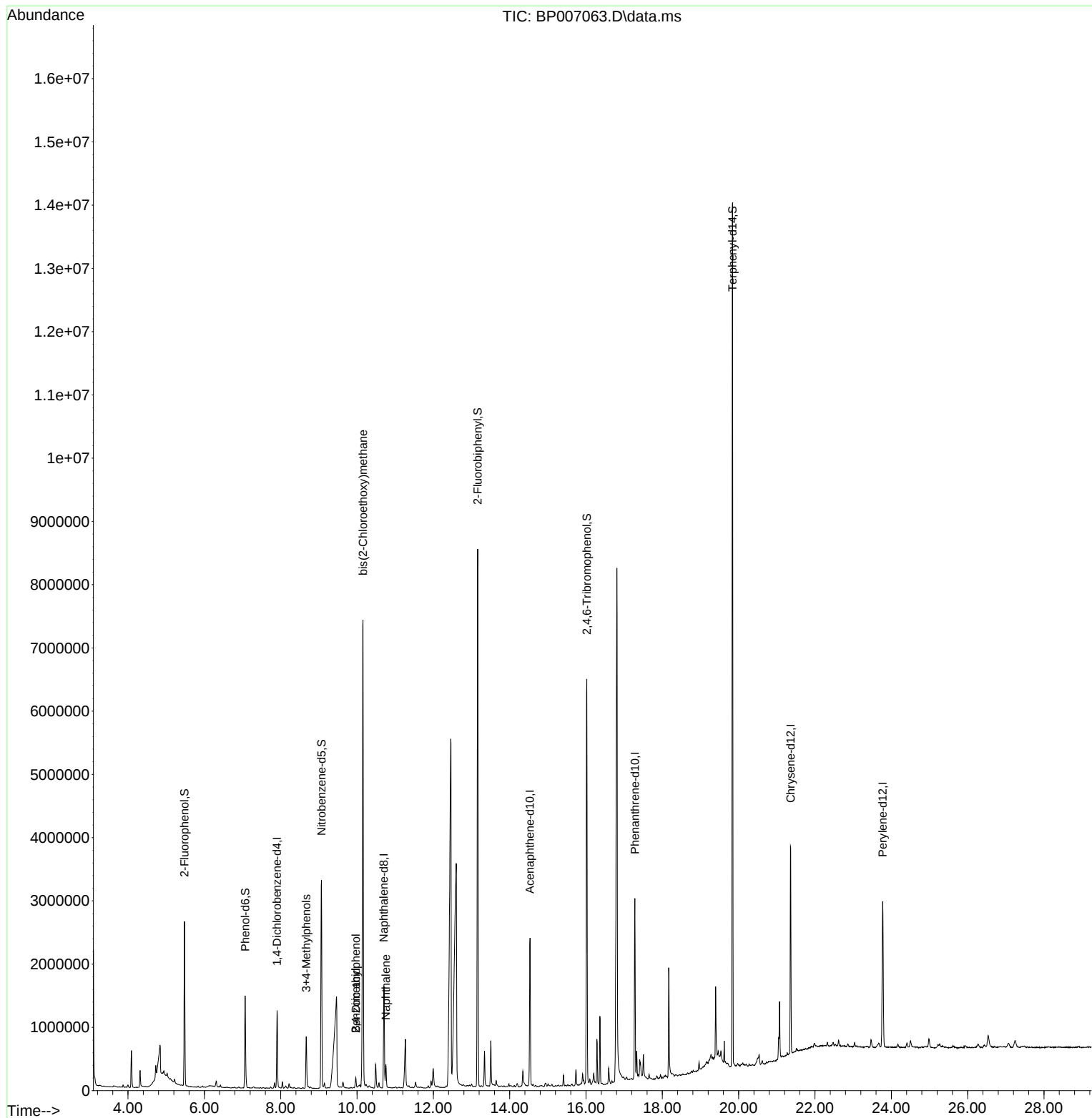
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	349528	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1352751	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	829976	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	1698734	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1663578	20.000	ng	# 0.00
86) Perylene-d12	23.774	264	1702117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1179575	55.107	ng	0.00
7) Phenol-d6	7.069	99	870413	29.792	ng	0.00
23) Nitrobenzene-d5	9.069	82	1981716	82.279	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	1328934	133.141	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	4622337	76.884	ng	0.00
79) Terphenyl-d14	19.839	244	6649165	76.685	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.069	77	3113	Below Cal	#	23
20) 3+4-Methylphenols	8.669	107	390231	15.239	ng	87
27) 2,4-Dimethylphenol	9.969	122	63725	3.324	ng	# 4
28) bis(2-Chloroethoxy)met...	10.157	93	78930	2.922	ng	# 1
31) Naphthalene	10.757	128	284017	3.789	ng	99
32) Benzoic acid	9.969	122	63725	9.994	ng	95

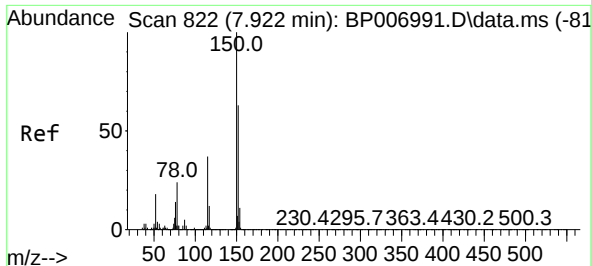
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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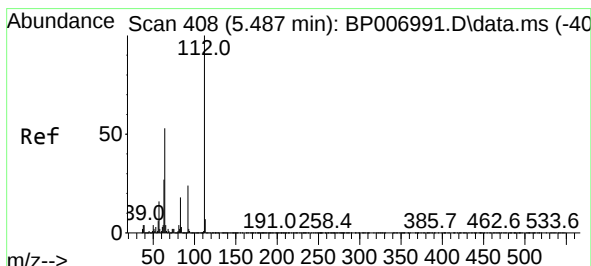
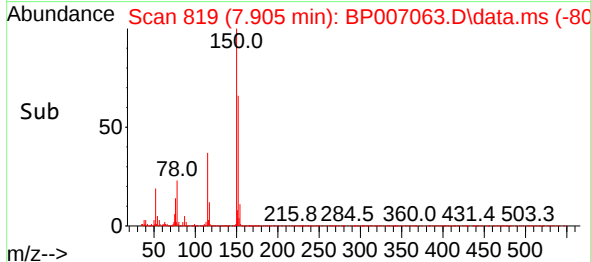
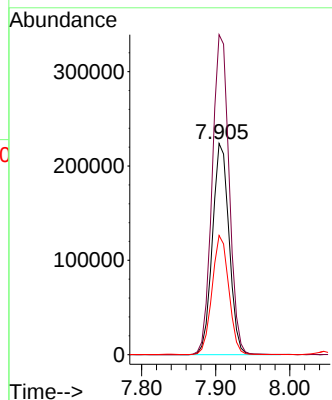
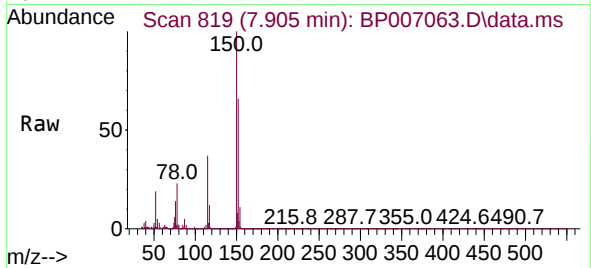




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

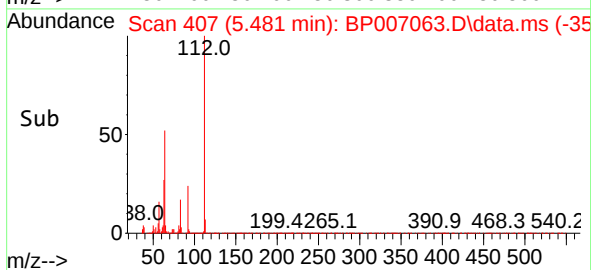
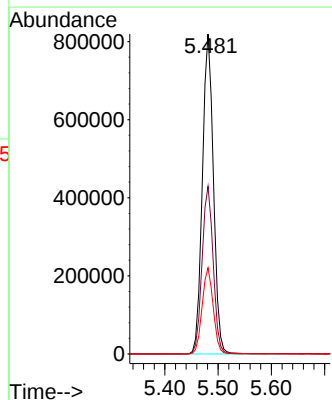
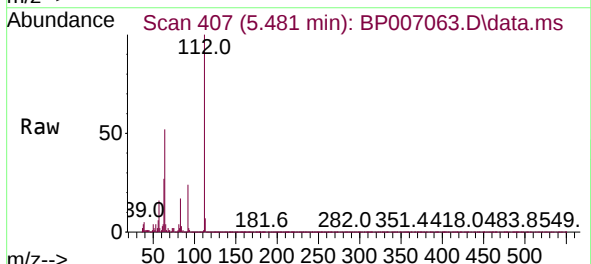
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

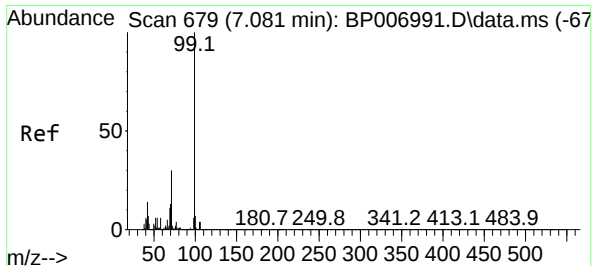
Tgt Ion:152 Resp: 349528
Ion Ratio Lower Upper
152 100
150 151.5 125.6 188.4
115 56.4 48.5 72.7



#5
2-Fluorophenol
Concen: 55.107 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

Tgt Ion:112 Resp: 1179575
Ion Ratio Lower Upper
112 100
64 52.4 41.4 62.2
63 26.9 23.8 35.8

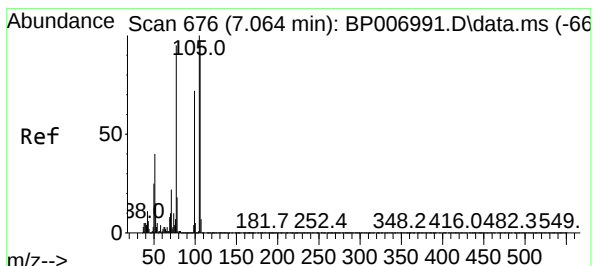
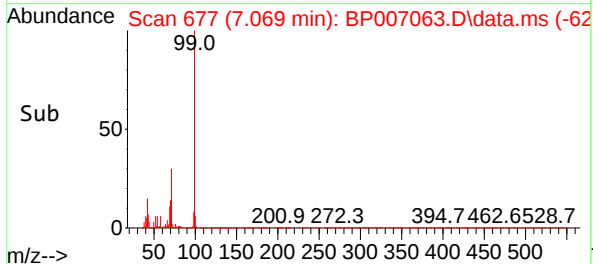
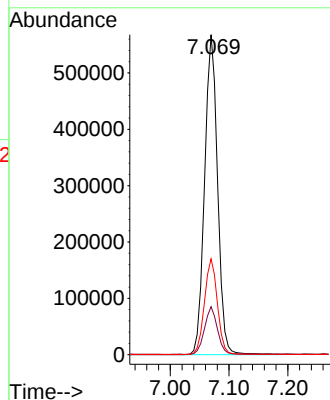
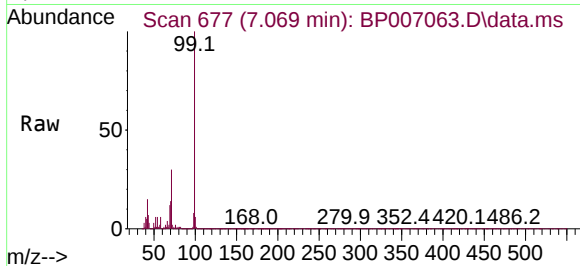




#7
Phenol-d6
Concen: 29.792 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

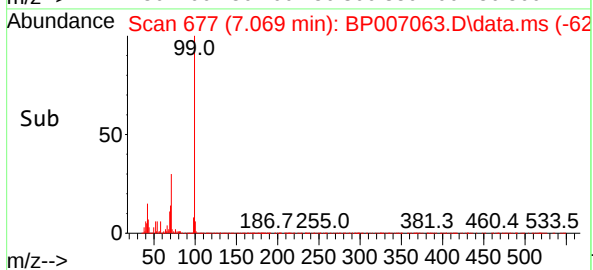
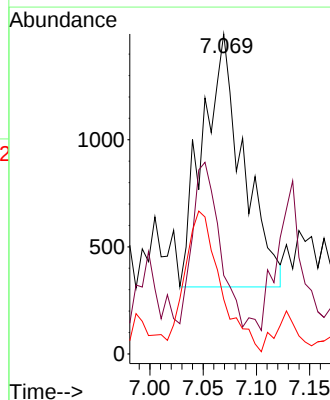
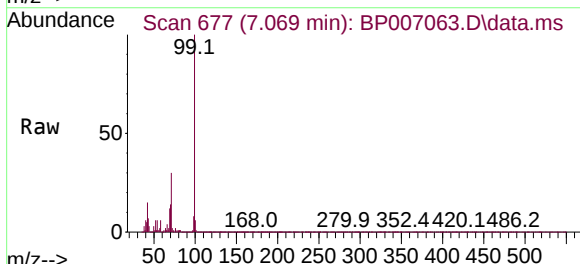
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

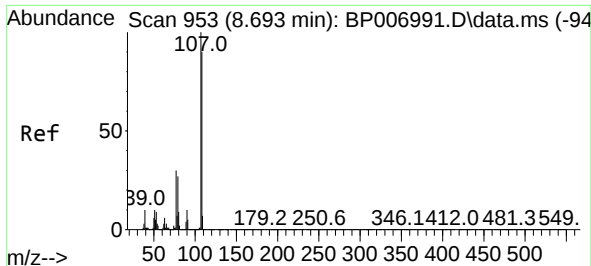
Tgt Ion: 99 Resp: 870413
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 29.9 30.6 46.0#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.069 min Scan# 677
Delta R.T. 0.024 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

Tgt Ion: 77 Resp: 3113
Ion Ratio Lower Upper
77 100
105 24.6 76.7 116.7#
106 17.1 76.2 116.2#

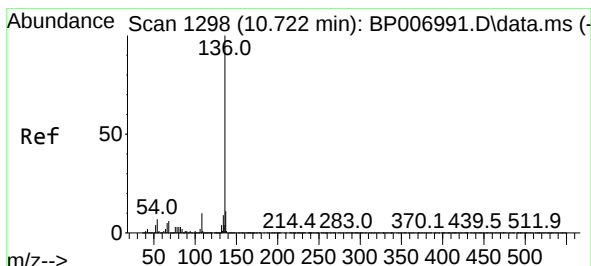
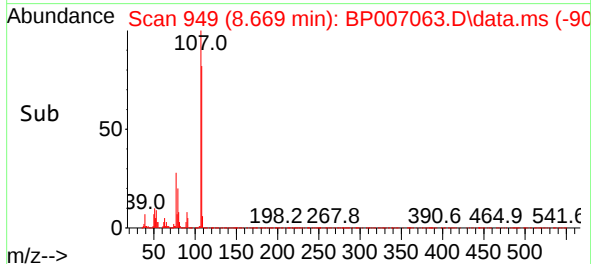
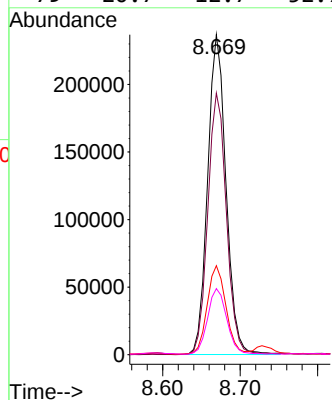
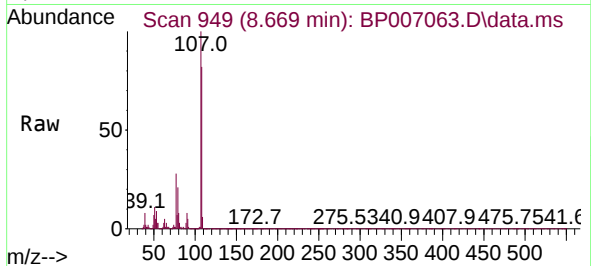




#20
3+4-Methylphenols
Concen: 15.239 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.012 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

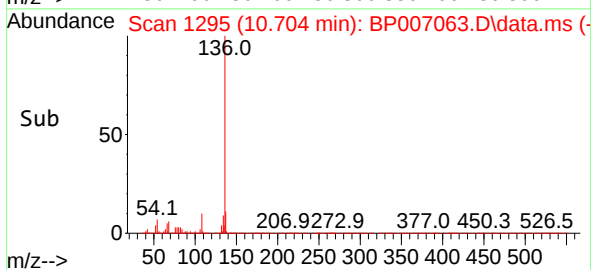
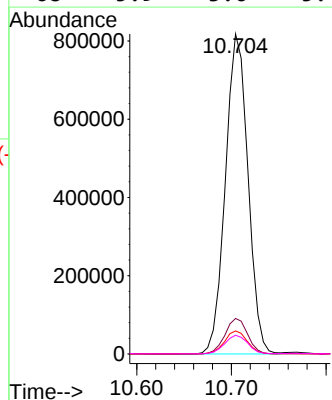
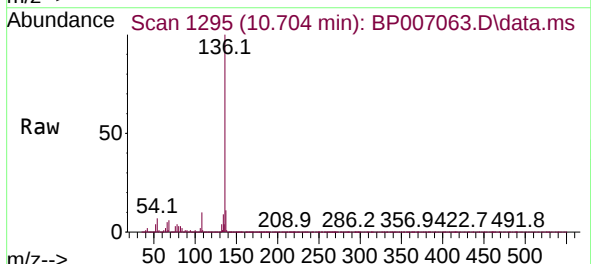
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

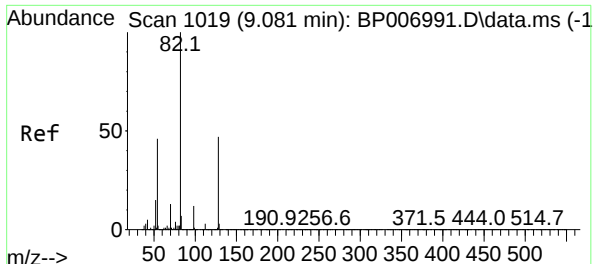
Tgt Ion:	107	Resp:	390231
Ion	Ratio	Lower	Upper
107	100		
108	81.8	71.0	111.0
77	27.8	16.6	56.6
79	20.7	12.7	52.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

Tgt Ion:	136	Resp:	1352751
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.2	4.6	6.8#
68	5.9	3.6	5.4#

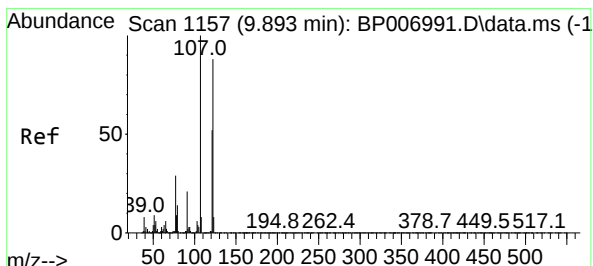
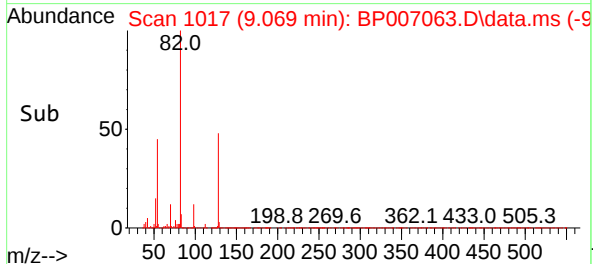
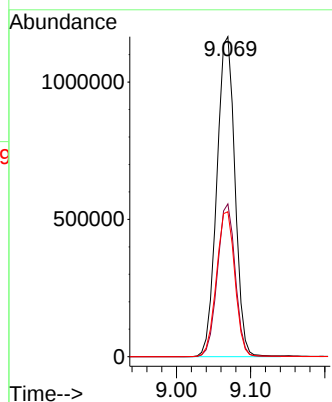
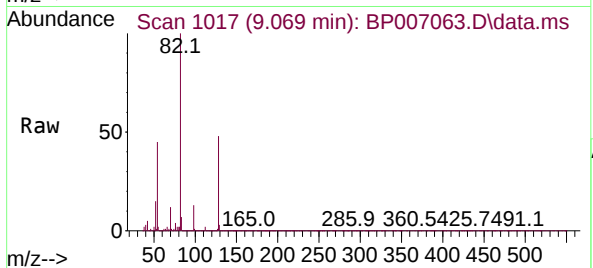




#23
Nitrobenzene-d5
Concen: 82.279 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

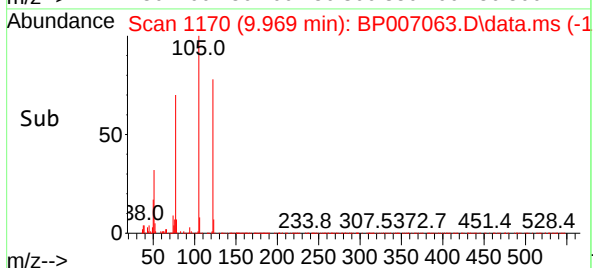
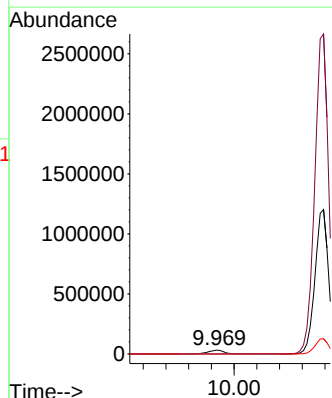
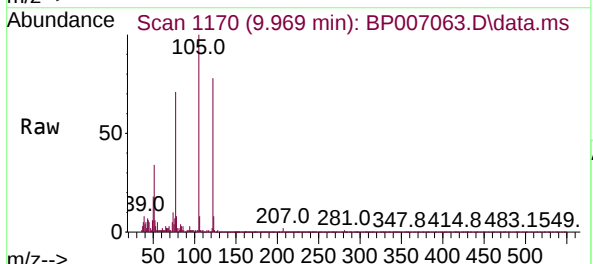
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

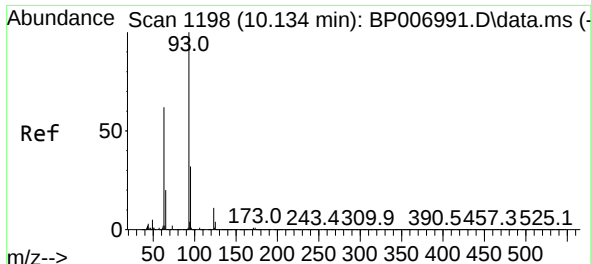
Tgt Ion: 82 Resp: 1981716
Ion Ratio Lower Upper
82 100
128 47.7 35.7 53.5
54 45.3 35.0 52.4



#27
2,4-Dimethylphenol
Concen: 3.324 ng
RT: 9.969 min Scan# 1170
Delta R.T. 0.088 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

Tgt Ion: 122 Resp: 63725
Ion Ratio Lower Upper
122 100
107 1.3 94.5 141.7#
121 2.0 47.4 71.2#

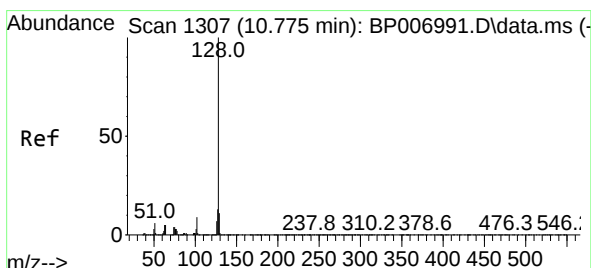
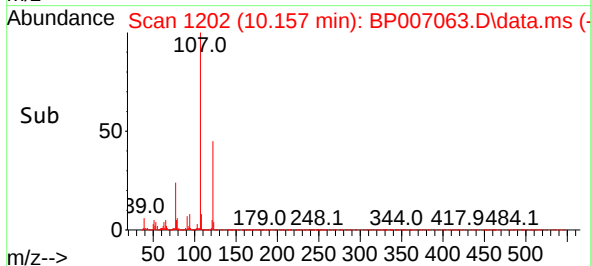
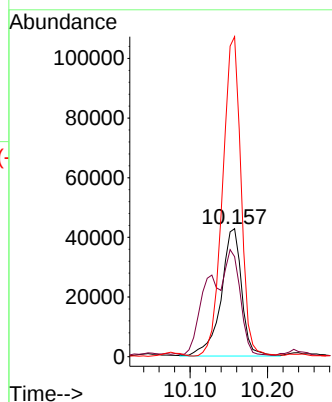
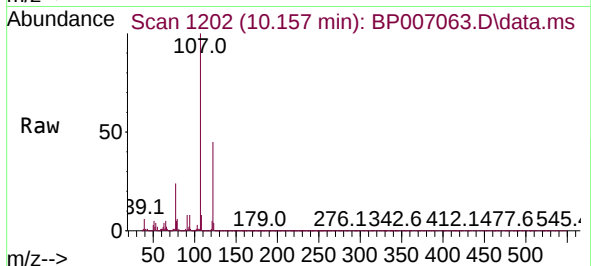




#28
bis(2-Chloroethoxy)methane
Concen: 2.922 ng
RT: 10.157 min Scan# 1202
Delta R.T. 0.035 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

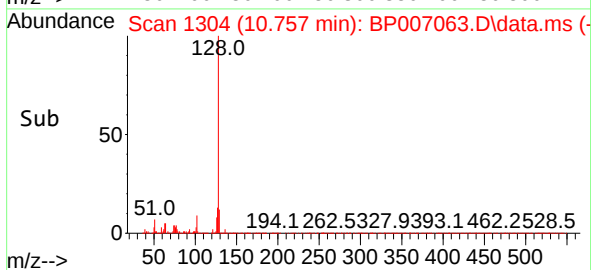
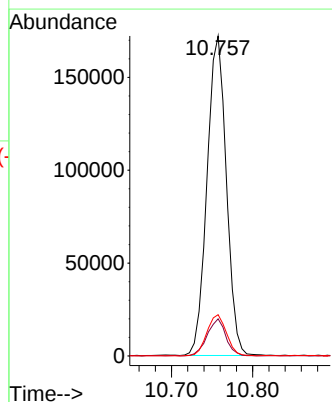
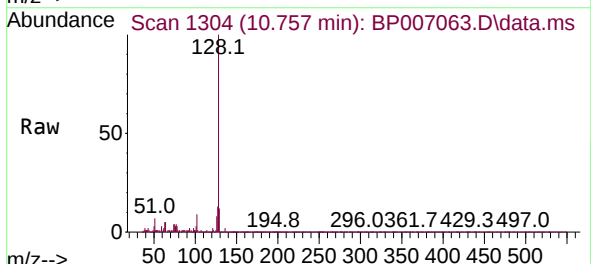
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ClientSampleId :
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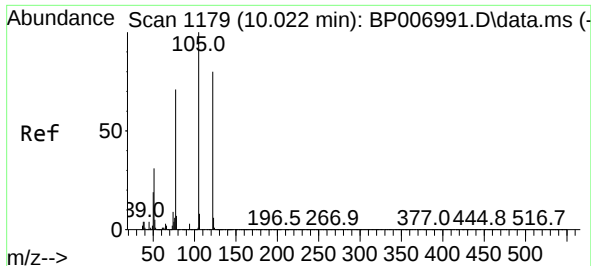
Tgt Ion: 93 Resp: 78930
Ion Ratio Lower Upper
93 100
95 78.2 25.9 38.9#
123 250.1 10.2 15.2#



#31
Naphthalene
Concen: 3.789 ng
RT: 10.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

Tgt Ion: 128 Resp: 284017
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 12.9 10.7 16.1

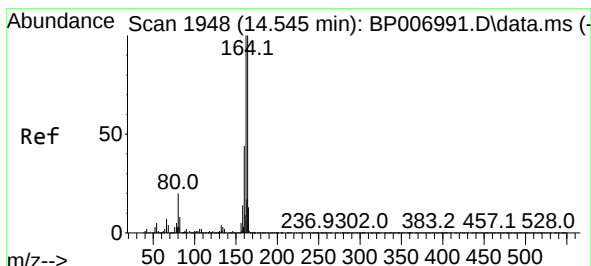
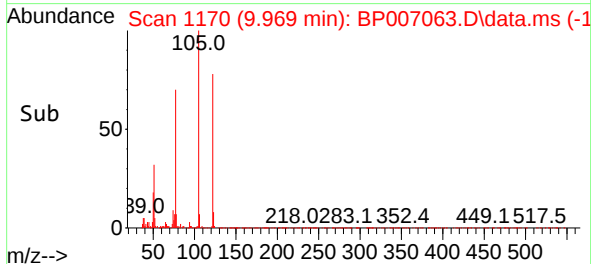
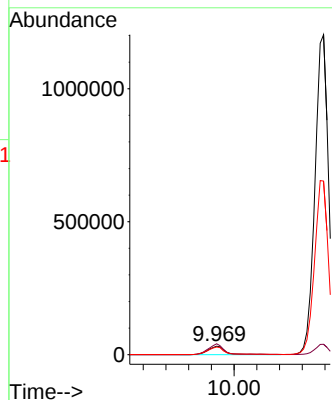
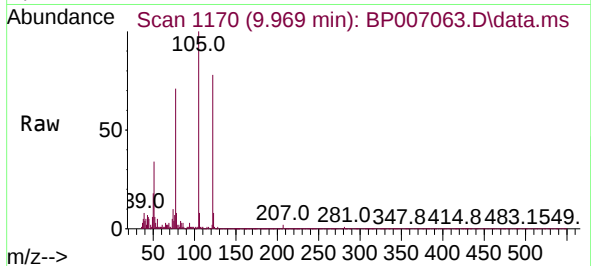




#32
Benzoic acid
Concen: 9.994 ng
RT: 9.969 min Scan# 1170
Delta R.T. -0.041 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

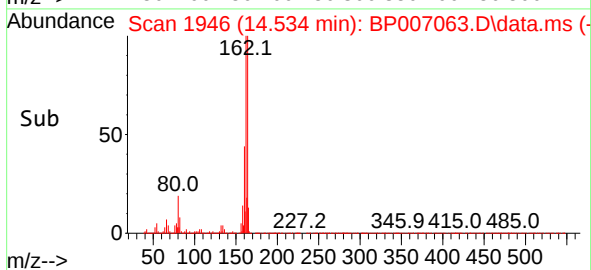
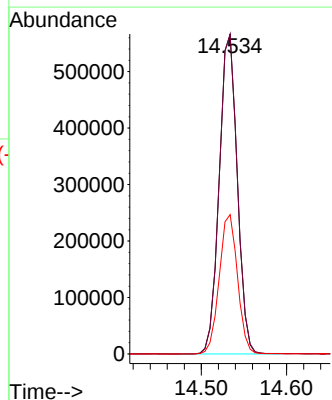
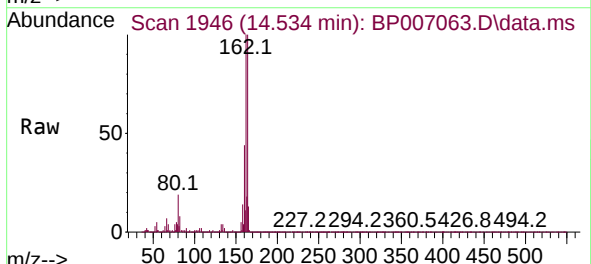
Instrument :
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ClientSampleId :
SW-RR-02-(1.0)

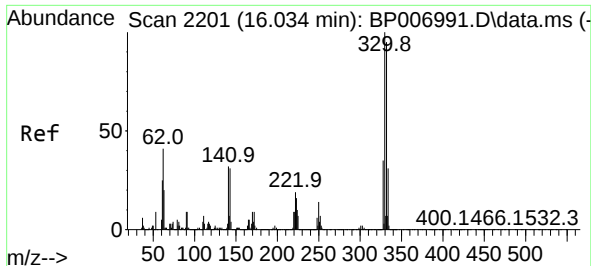
Tgt Ion:122 Resp: 63725
Ion Ratio Lower Upper
122 100
105 128.5 103.2 143.2
77 91.4 76.2 116.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

Tgt Ion:164 Resp: 829976
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 43.7 34.5 51.7

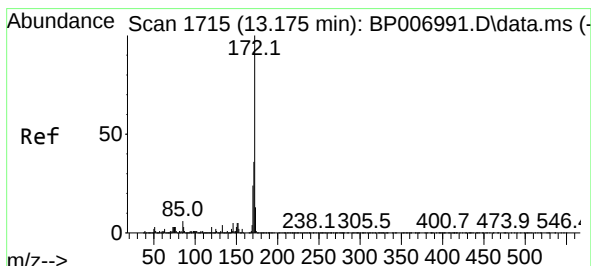
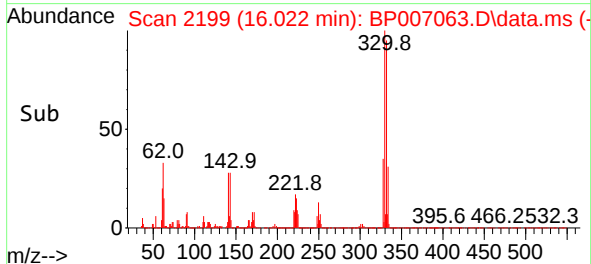
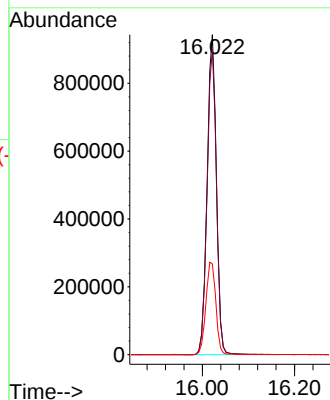
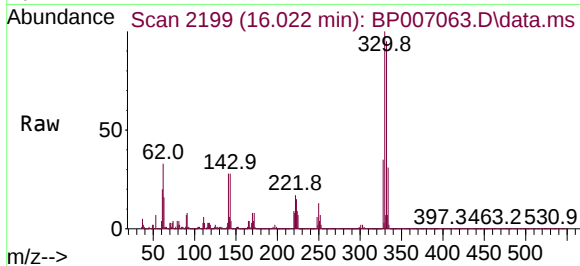




#42
2,4,6-Tribromophenol
Concen: 133.141 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

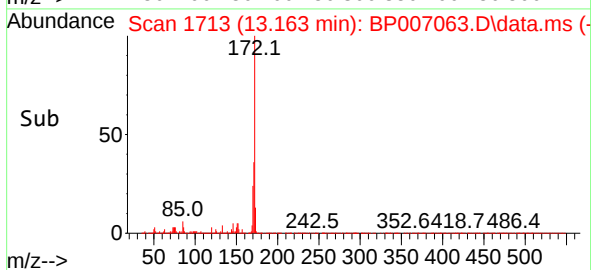
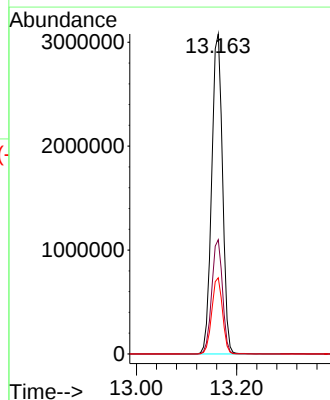
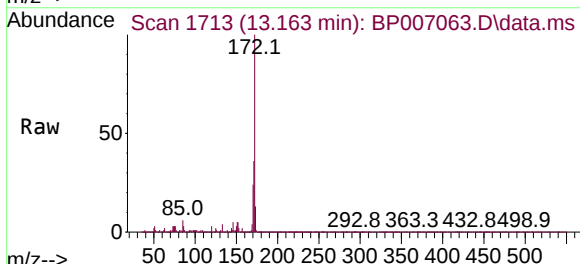
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

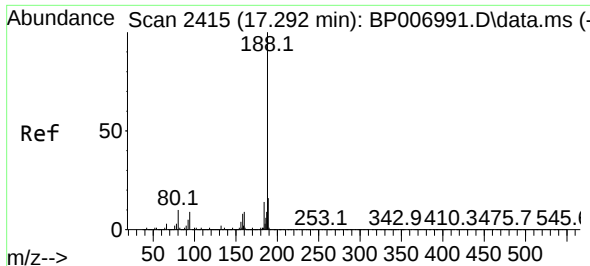
Tgt Ion:330 Resp: 1328934
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 31.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 76.884 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

Tgt Ion:172 Resp: 4622337
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.8 18.6 27.8

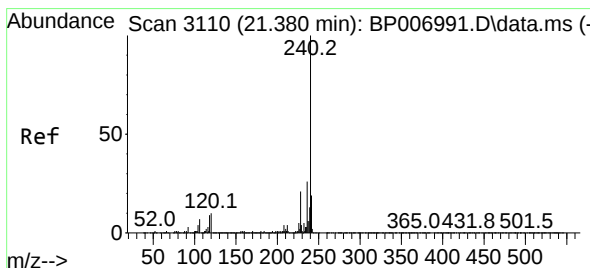
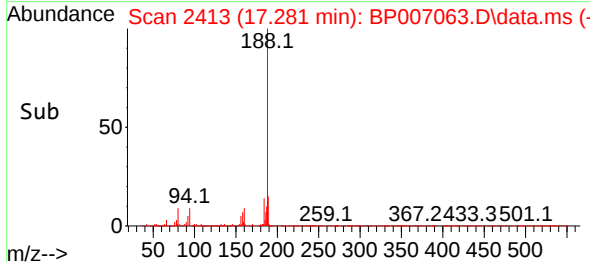
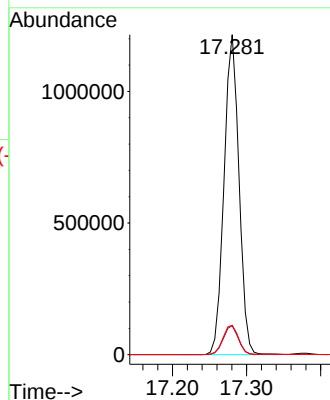
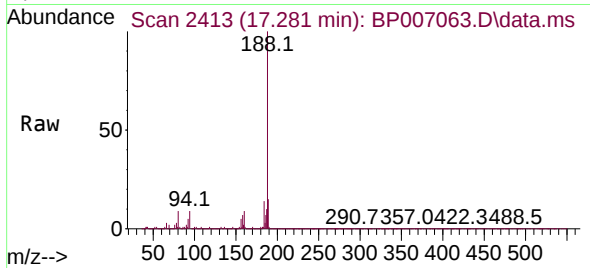




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

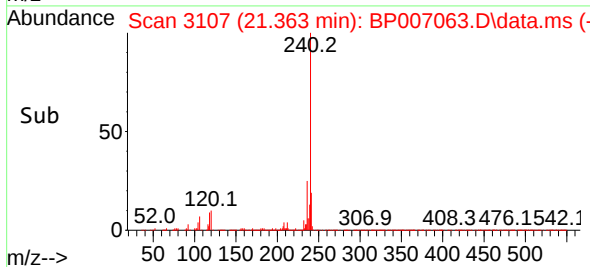
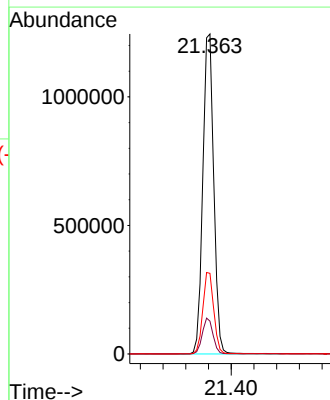
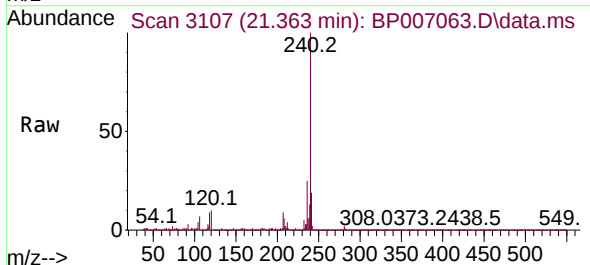
Instrument :
BNA_P
ClientSampleId :
SW-RR-02-(1.0)

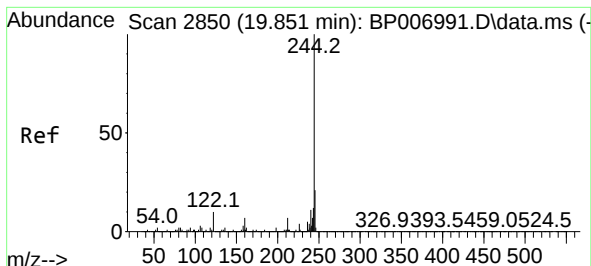
Tgt Ion:188 Resp: 1698734
Ion Ratio Lower Upper
188 100
94 9.0 5.6 8.4#
80 9.2 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.363 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP007063.D
Acq: 20 Sep 2021 22:33

Tgt Ion:240 Resp: 1663578
Ion Ratio Lower Upper
240 100
120 10.2 6.5 9.7#
236 25.2 20.6 31.0





#79

Terphenyl-d14

Concen: 76.685 ng

RT: 19.839 min Scan# 2848

Delta R.T. 0.000 min

Lab File: BP007063.D

Acq: 20 Sep 2021 22:33

Instrument :

BNA_P

ClientSampleId :

SW-RR-02-(1.0)

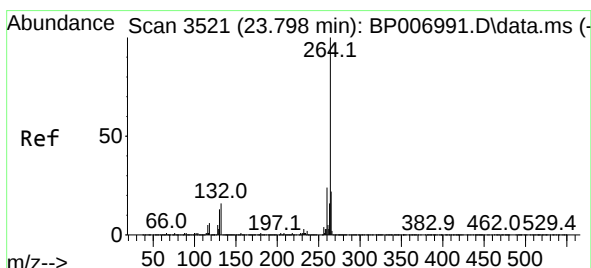
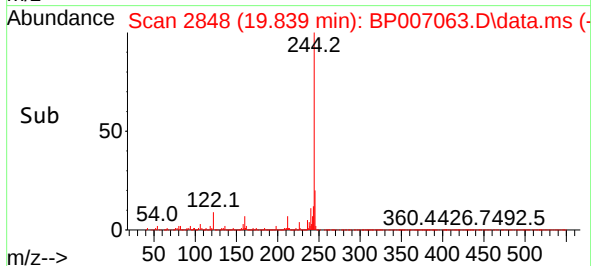
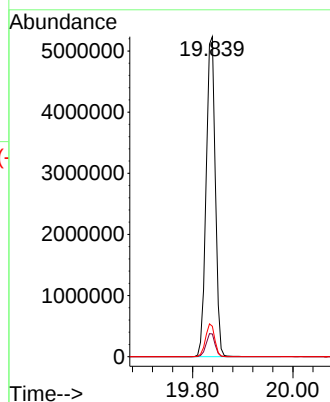
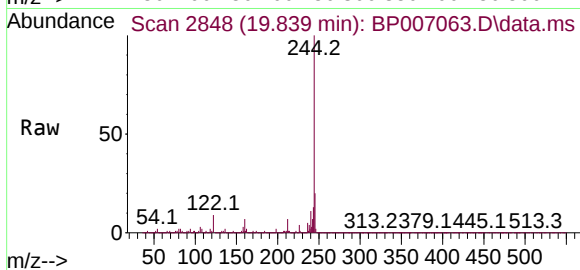
Tgt Ion:244 Resp: 6649165

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.5 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.774 min Scan# 3517

Delta R.T. -0.006 min

Lab File: BP007063.D

Acq: 20 Sep 2021 22:33

Tgt Ion:264 Resp: 1702117

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.2 17.6 26.4

