

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110921\
 Data File : BP007886.D
 Acq On : 09 Nov 2021 11:59
 Operator : CG/JU
 Sample : M4578-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-12

Quant Time: Nov 09 12:31:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 10:45:24 2021
 Response via : Initial Calibration

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

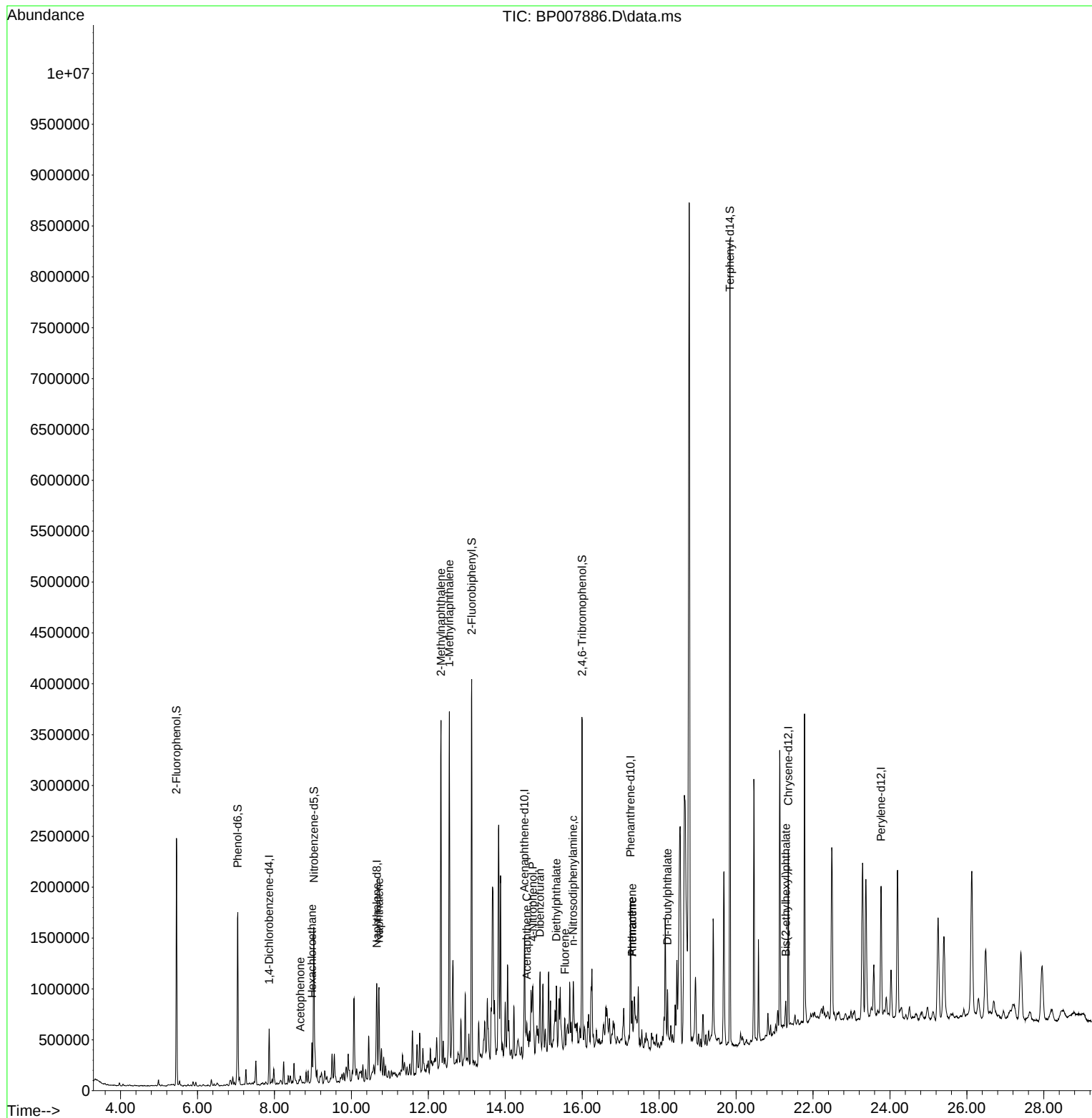
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	141497	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	511480	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	329122	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	709127	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	837721	20.000	ng	0.00
86) Perylene-d12	23.769	264	962519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1033141	123.829	ng	0.00
7) Phenol-d6	7.046	99	953434	78.952	ng	0.00
23) Nitrobenzene-d5	9.022	82	862230	90.554	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	671993	143.067	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	1976261	87.444	ng	0.00
79) Terphenyl-d14	19.839	244	3575425	86.909	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	783	Below Cal	#	1
18) Hexachloroethane	8.975	117	53184	14.720	ng	# 1
22) Acetophenone	8.669	105	48556	3.768	ng	# 62
31) Naphthalene	10.716	128	525321	20.303	ng	96
37) 2-Methylnaphthalene	12.328	142	1555786	81.519	ng	99
38) 1-Methylnaphthalene	12.546	142	1478375	79.060	ng	99
52) Acenaphthene	14.563	154	80796	4.613	ng	93
55) Dibenzofuran	14.898	168	95548	3.225	ng	# 65
56) 4-Nitrophenol	14.716	139	24232	5.090	ng	# 64
58) Fluorene	15.551	166	70910	3.155	ng	# 94
60) Diethylphthalate	15.328	149	54573	2.213	ng	# 92
66) n-Nitrosodiphenylamine	15.763	169	65798	3.259	ng	# 74
71) Phenanthrene	17.298	178	209035	5.607	ng	97
72) Anthracene	17.298	178	209035	5.698	ng	96
74) Di-n-butylphthalate	18.216	149	368115	8.863	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	103768	3.351	ng	# 78

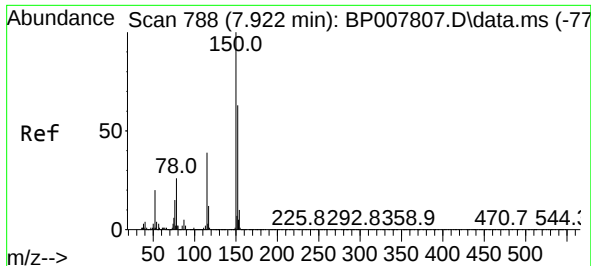
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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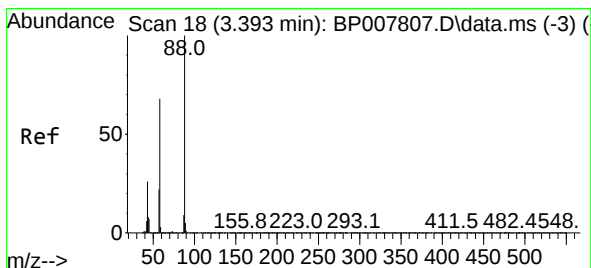
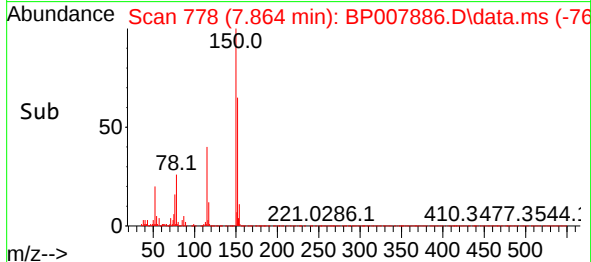
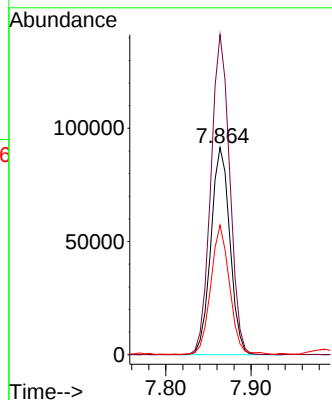
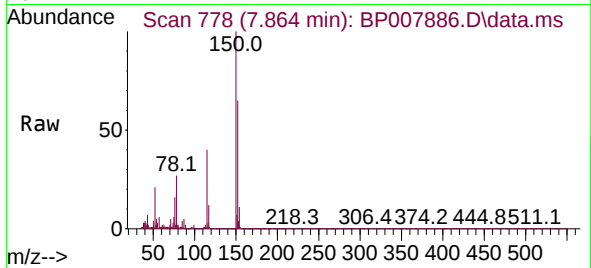




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.864 min Scan# 7
 Delta R.T. -0.000 min
 Lab File: BP007886.D
 Acq: 09 Nov 2021 11:59

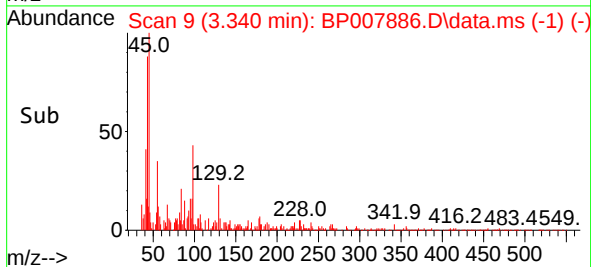
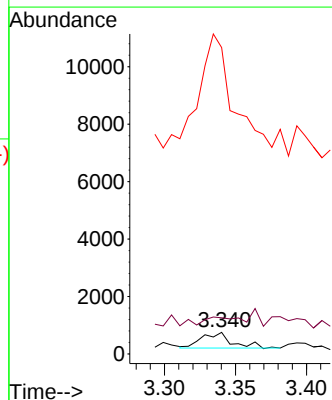
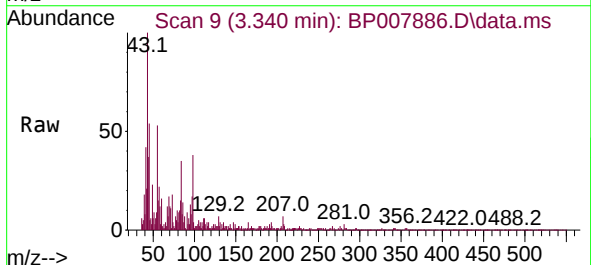
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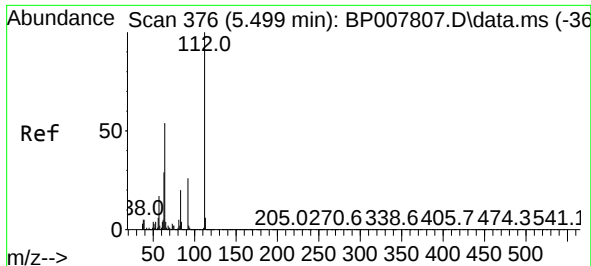
Tgt Ion:152 Resp: 141497
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.1 186.1
 115 62.5 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.340 min Scan# 9
 Delta R.T. -0.012 min
 Lab File: BP007886.D
 Acq: 09 Nov 2021 11:59

Tgt Ion: 88 Resp: 783
 Ion Ratio Lower Upper
 88 100
 58 41.5 58.1 87.1#
 43 778.3 22.2 33.4#

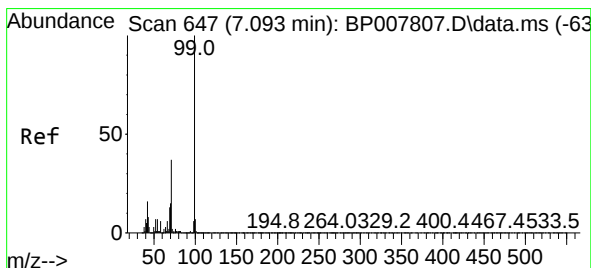
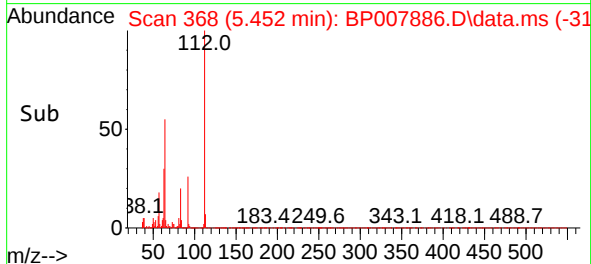
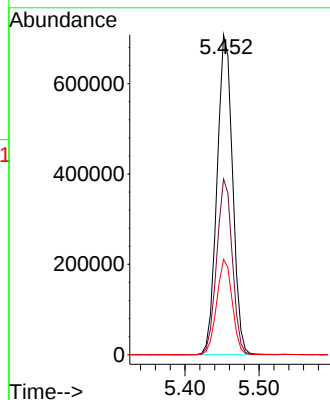
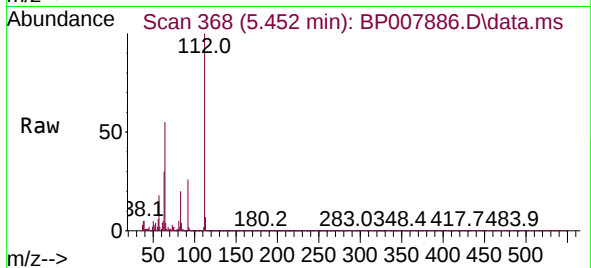




#5
2-Fluorophenol
Concen: 123.829 ng
RT: 5.452 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

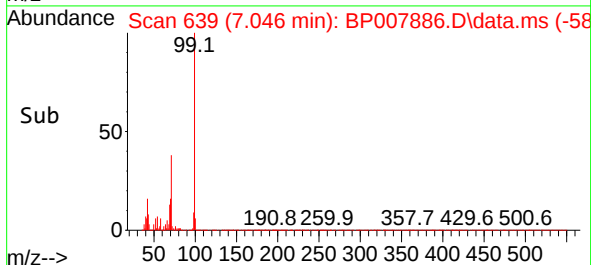
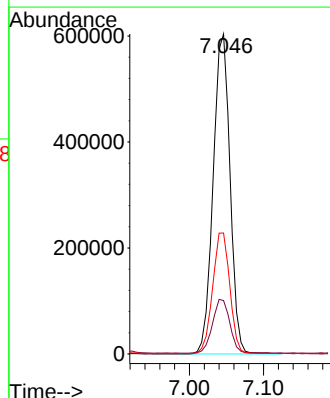
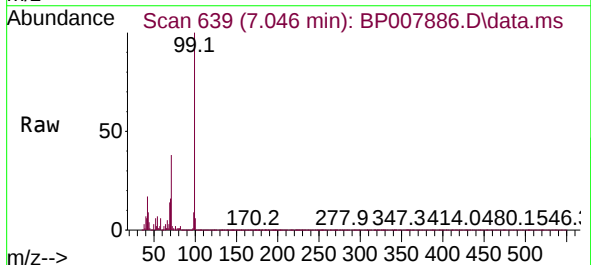
Instrument :
BNA_P
ClientSampleId :
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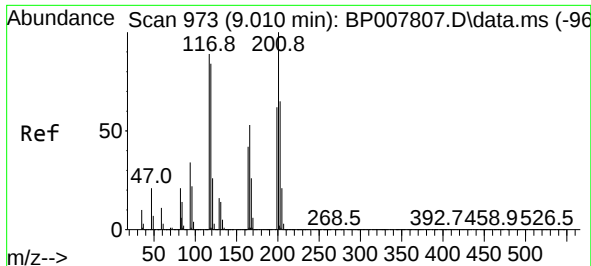
Tgt Ion:112 Resp: 1033141
Ion Ratio Lower Upper
112 100
64 54.9 46.6 70.0
63 29.8 25.0 37.6



#7
Phenol-d6
Concen: 78.952 ng
RT: 7.046 min Scan# 639
Delta R.T. 0.006 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Tgt Ion: 99 Resp: 953434
Ion Ratio Lower Upper
99 100
42 16.7 14.9 22.3
71 37.8 29.2 43.8

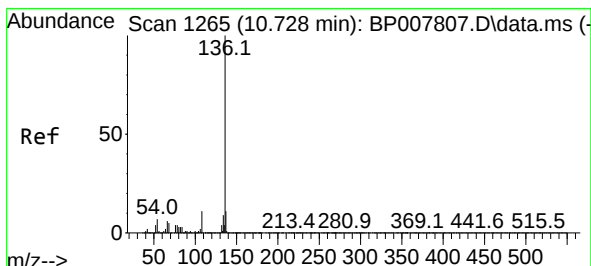
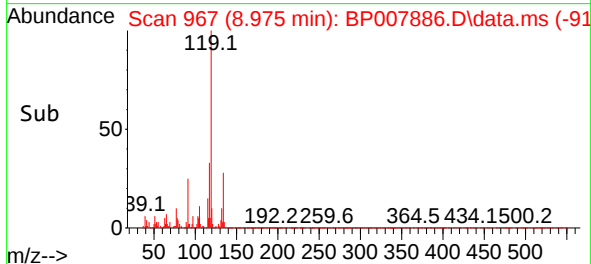
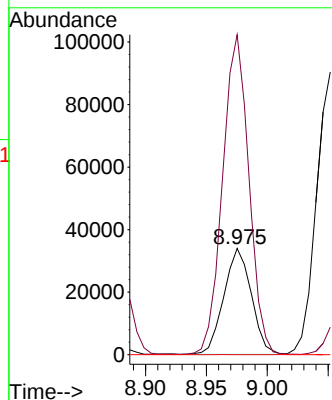
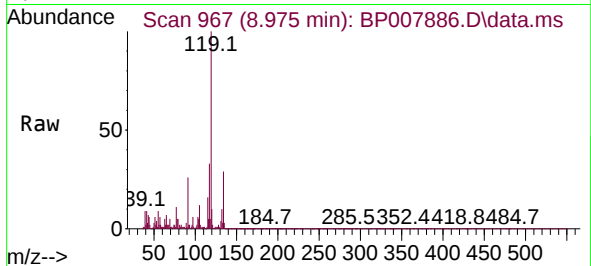




#18
Hexachloroethane
Concen: 14.720 ng
RT: 8.975 min Scan# 91
Delta R.T. 0.029 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

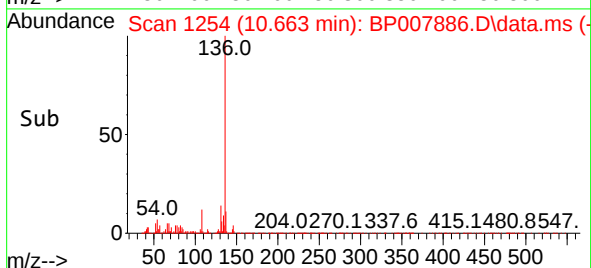
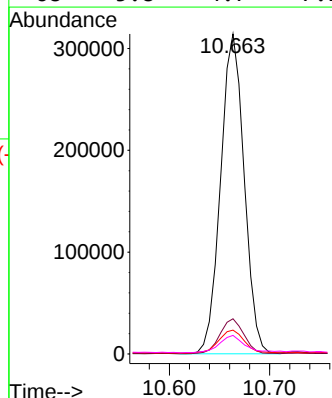
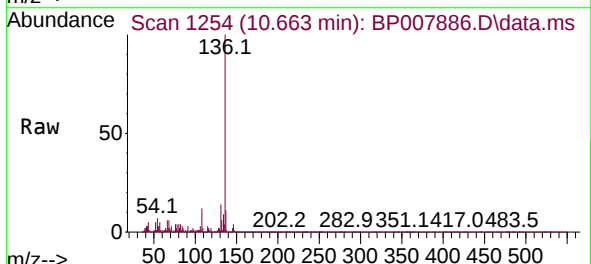
Instrument :
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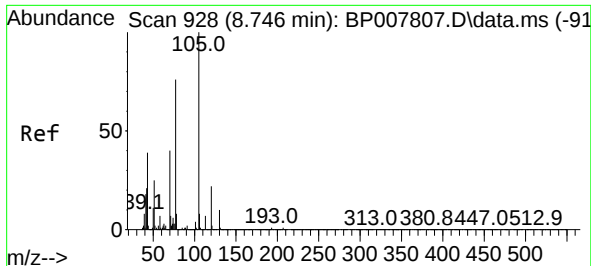
Tgt Ion:117 Resp: 53184
Ion Ratio Lower Upper
117 100
119 301.3 77.6 116.4#
201 0.0 82.9 124.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Tgt Ion:136 Resp: 511480
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.4 6.2 9.4
68 5.8 4.7 7.1

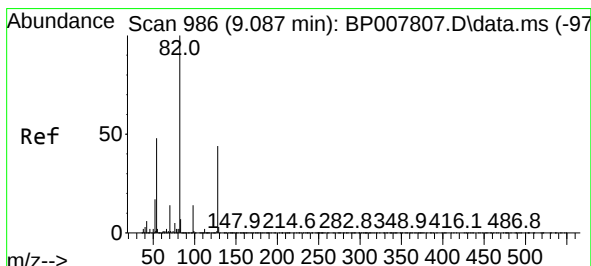
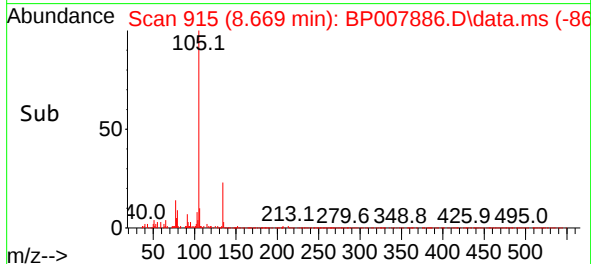
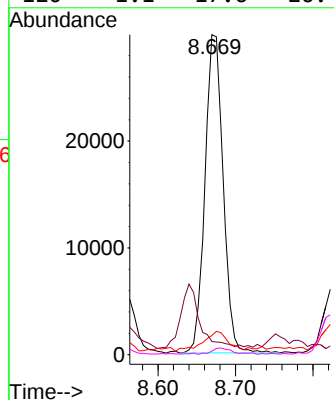
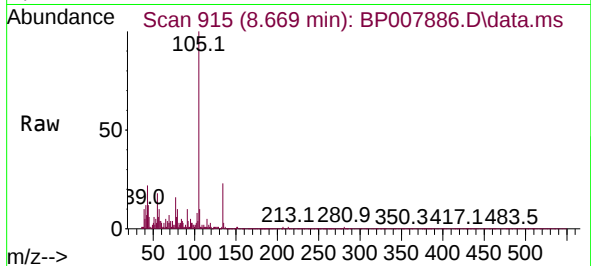




#22
Acetophenone
Concen: 3.768 ng
RT: 8.669 min Scan# 915
Delta R.T. -0.018 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

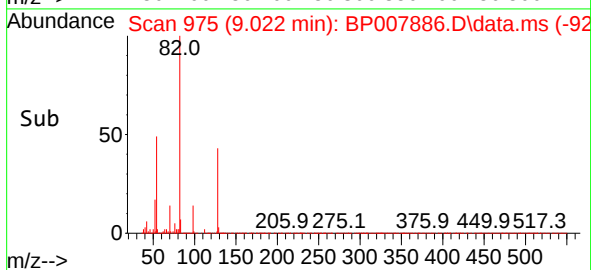
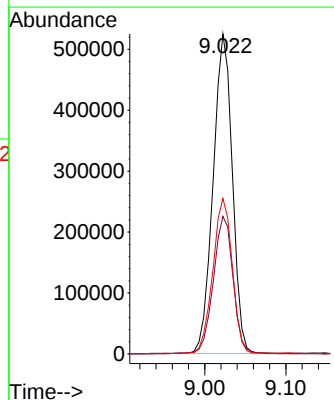
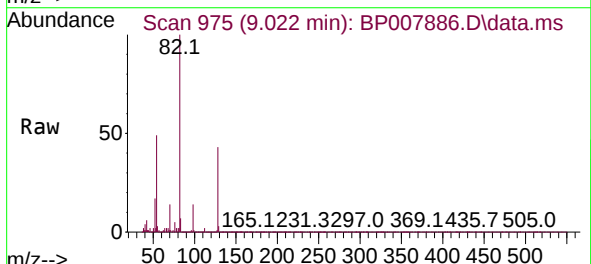
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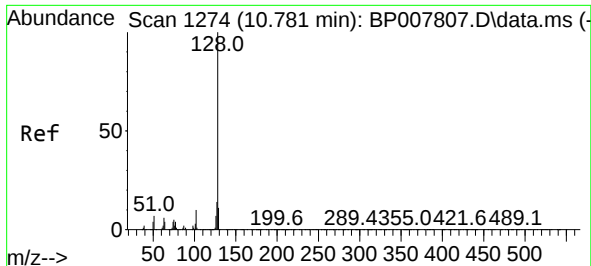
Tgt Ion:	105	Resp:	48556
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.5	6.7#
51	6.0	21.8	32.8#
120	1.1	17.6	26.4#



#23
Nitrobenzene-d5
Concen: 90.554 ng
RT: 9.022 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Tgt Ion:	82	Resp:	862230
Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.6	48.8
54	48.6	40.4	60.6

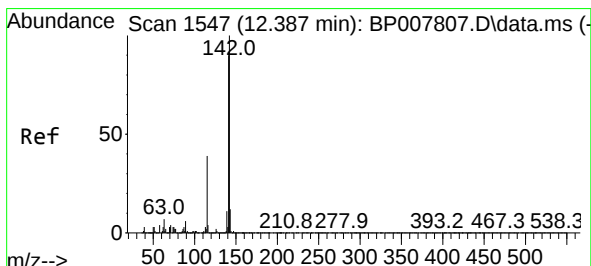
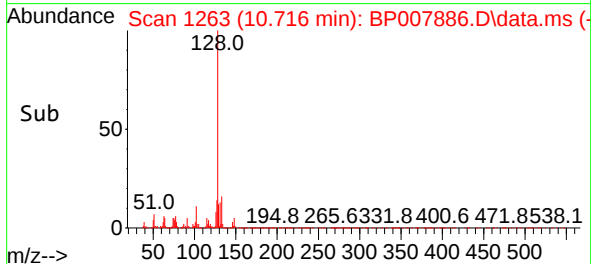
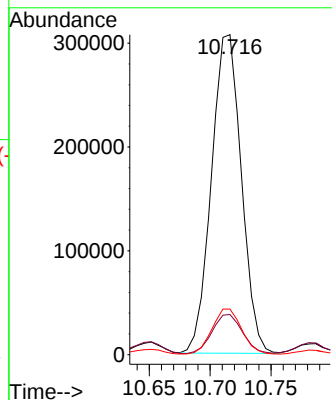
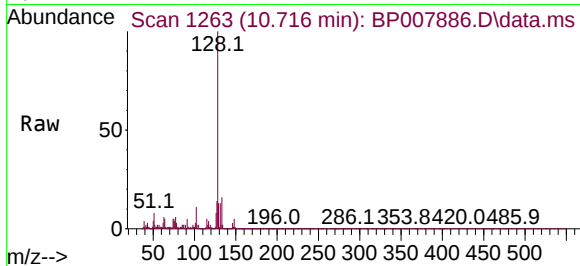




#31
Naphthalene
Concen: 20.303 ng
RT: 10.716 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

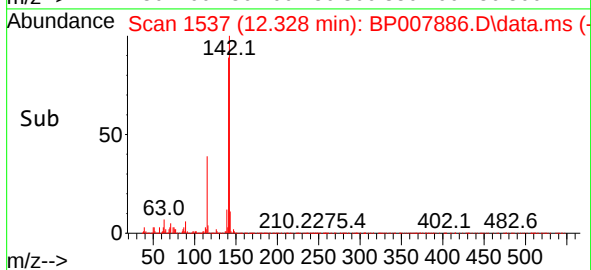
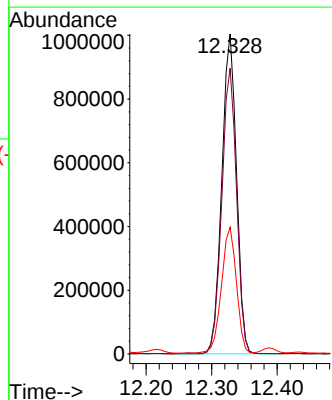
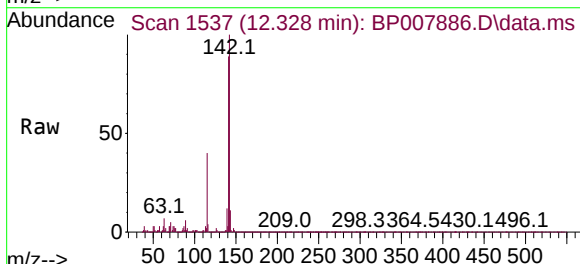
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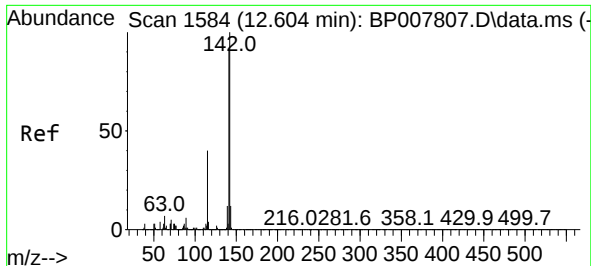
Tgt Ion:128 Resp: 525321
Ion Ratio Lower Upper
128 100
129 12.6 8.9 13.3
127 14.3 10.2 15.4



#37
2-Methylnaphthalene
Concen: 81.519 ng
RT: 12.328 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Tgt Ion:142 Resp: 1555786
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0
115 39.6 29.5 44.3

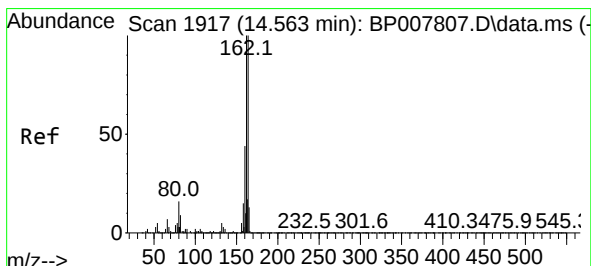
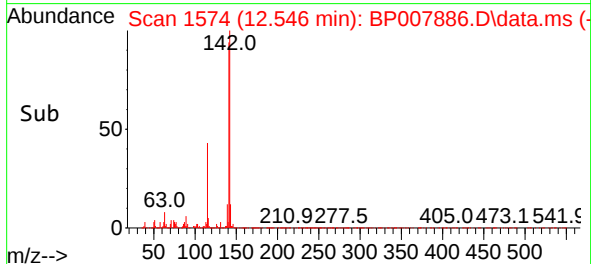
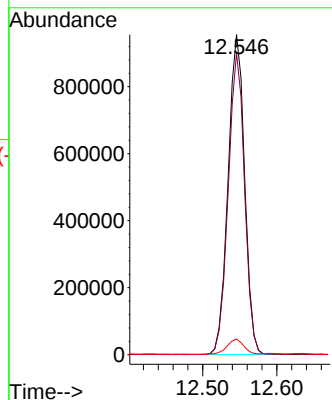
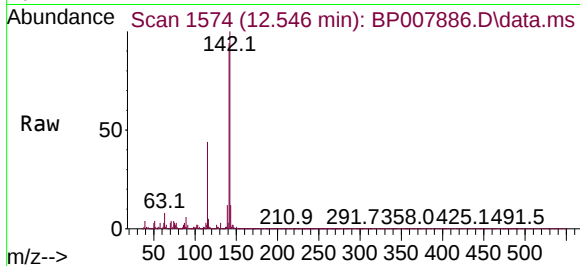




#38
1-Methylnaphthalene
Concen: 79.060 ng
RT: 12.546 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

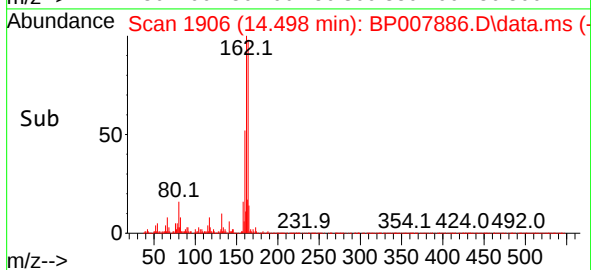
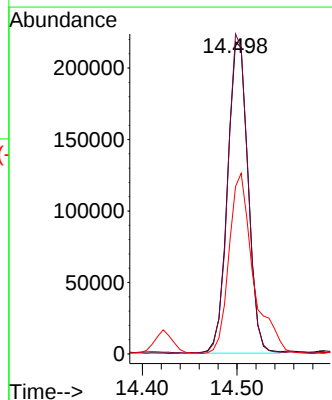
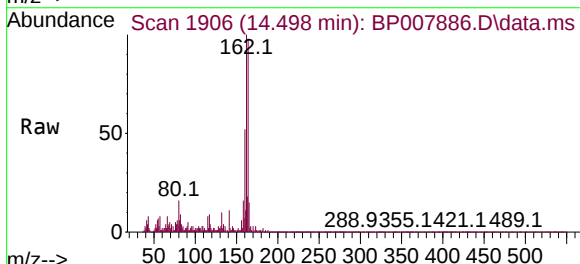
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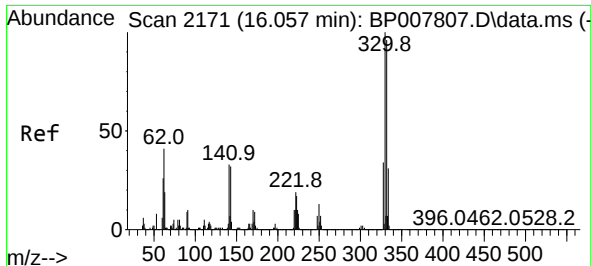
Tgt Ion:142 Resp: 1478375
Ion Ratio Lower Upper
142 100
141 94.3 74.4 111.6
116 4.9 3.4 5.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Tgt Ion:164 Resp: 329122
Ion Ratio Lower Upper
164 100
162 102.5 81.1 121.7
160 53.6 36.0 54.0

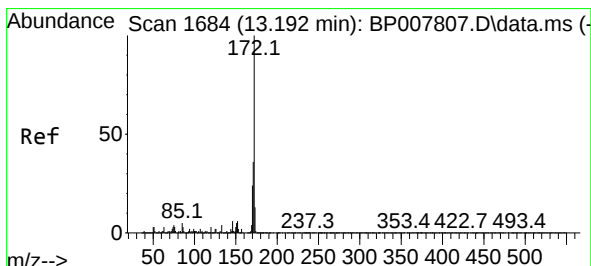
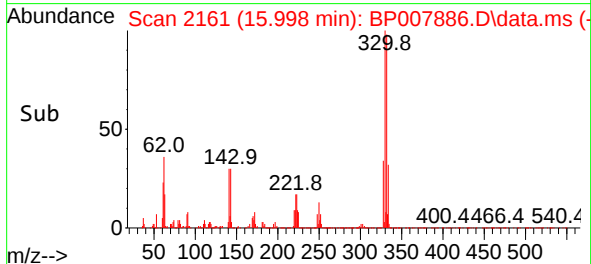
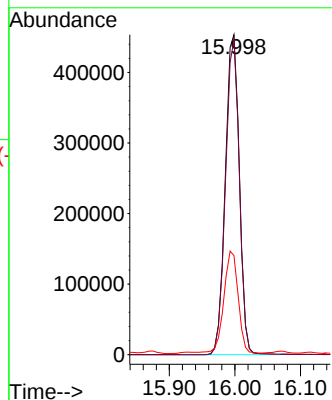
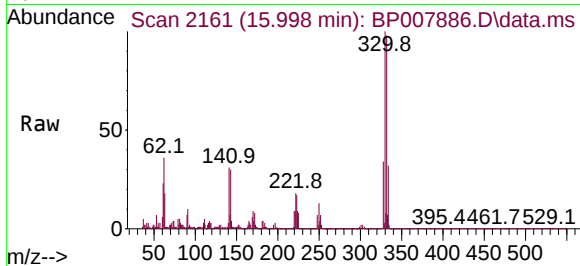




#42
2,4,6-Tribromophenol
Concen: 143.067 ng
RT: 15.998 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

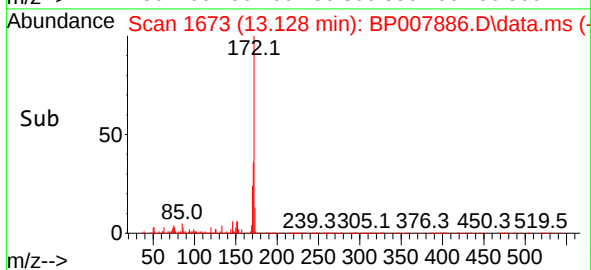
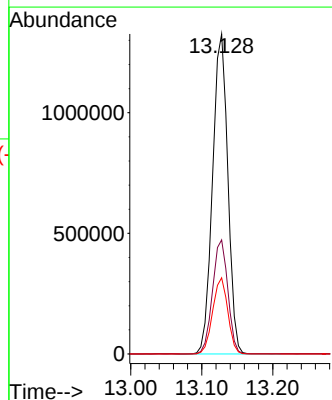
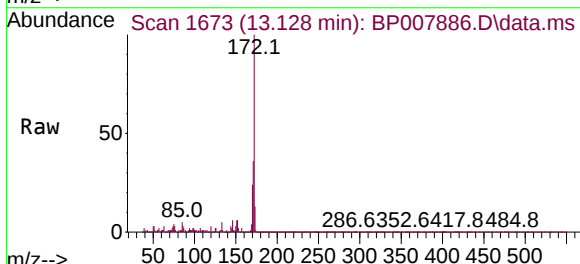
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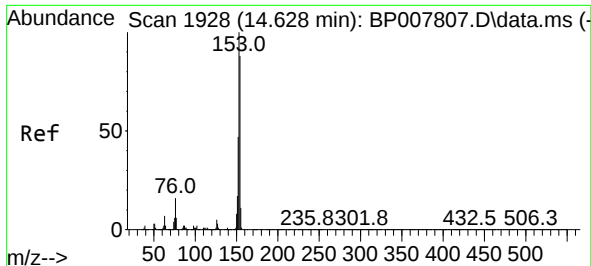
Tgt Ion:330 Resp: 671993
Ion Ratio Lower Upper
330 100
332 97.1 78.9 118.3
141 32.2 30.7 46.1



#45
2-Fluorobiphenyl
Concen: 87.444 ng
RT: 13.128 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Tgt Ion:172 Resp: 1976261
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.8 19.0 28.4

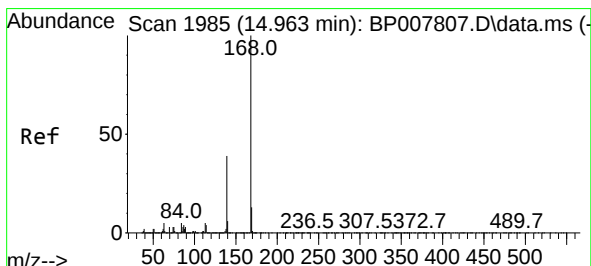
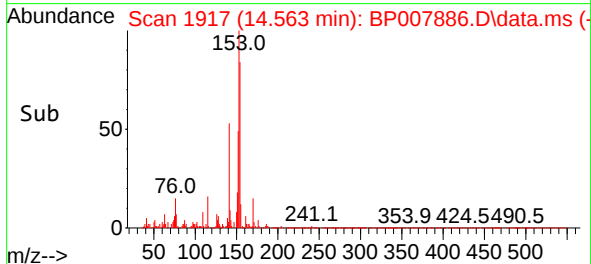
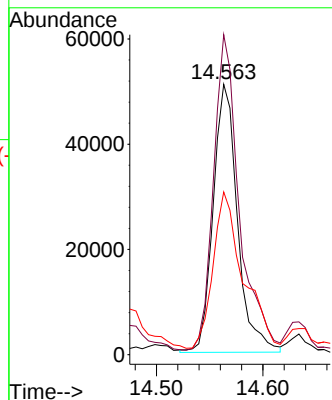
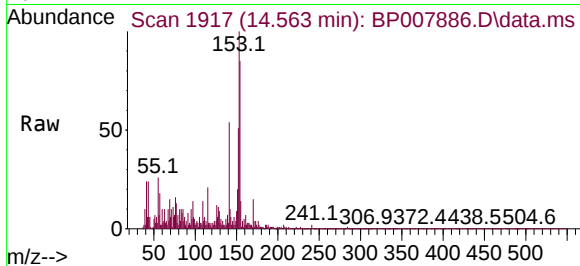




#52
Acenaphthene
Concen: 4.613 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

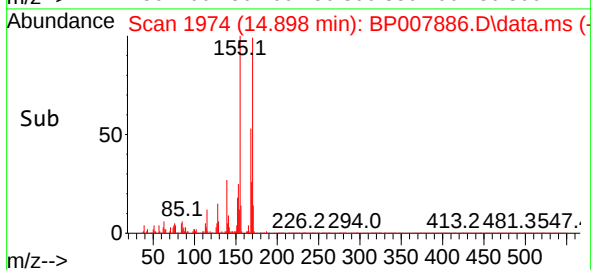
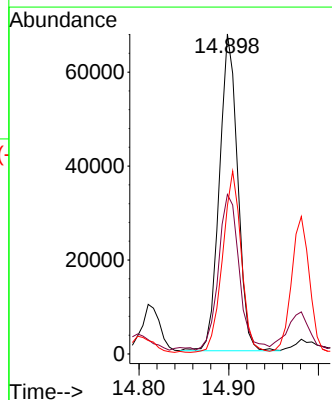
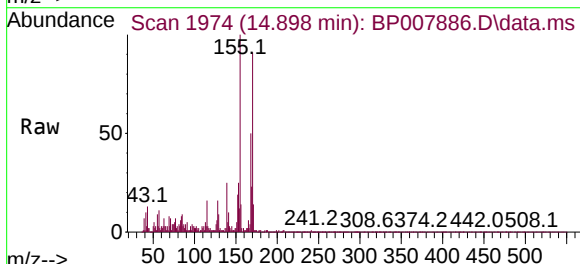
Instrument :
BNA_P
ClientSampleId :
TW-12

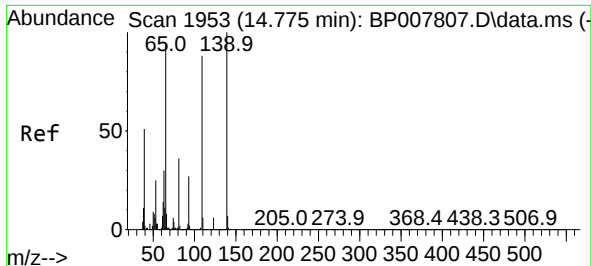
Tgt Ion:154 Resp: 80796
Ion Ratio Lower Upper
154 100
153 118.3 90.4 135.6
152 60.2 42.3 63.5



#55
Dibenzofuran
Concen: 3.225 ng
RT: 14.898 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Tgt Ion:168 Resp: 95548
Ion Ratio Lower Upper
168 100
139 49.9 30.8 46.2#
169 46.3 11.0 16.6#

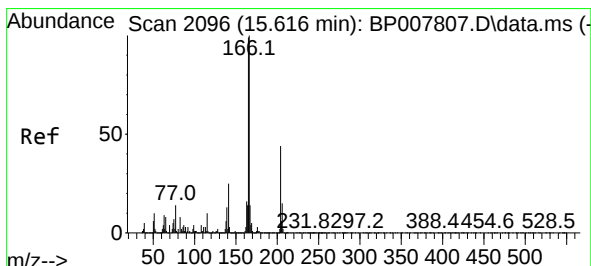
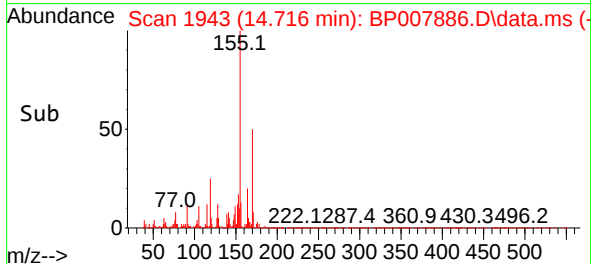
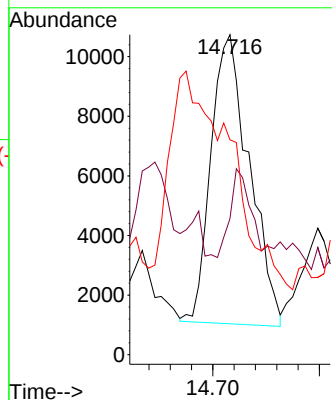
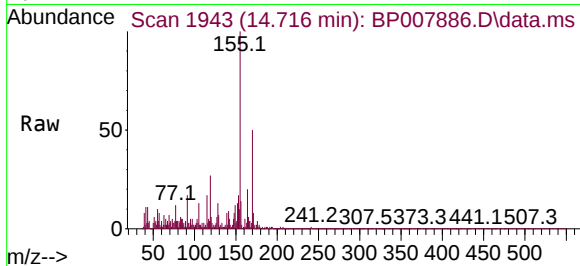




#56
4-Nitrophenol
Concen: 5.090 ng
RT: 14.716 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

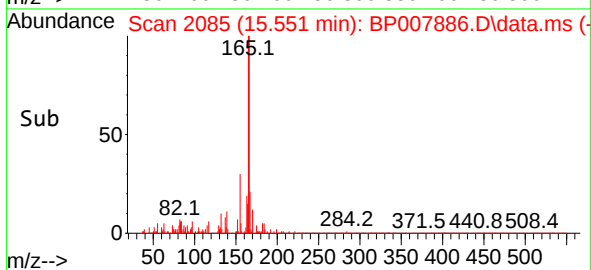
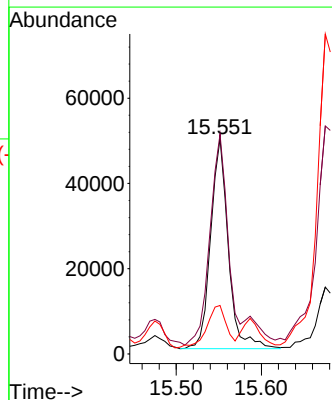
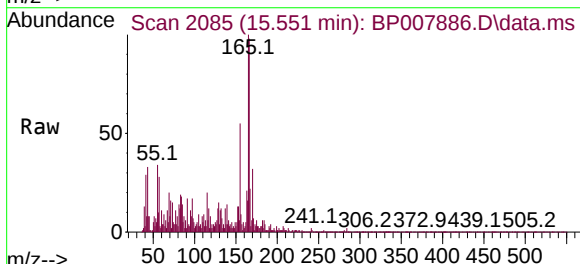
Instrument :
BNA_P
ClientSampleId :
TW-12

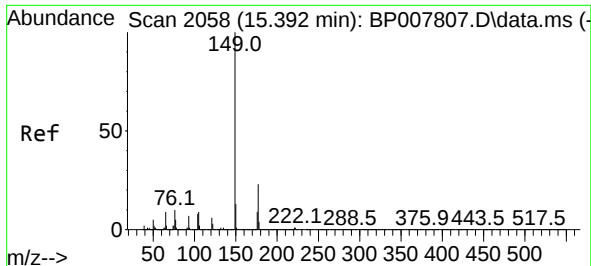
Tgt Ion:139 Resp: 24232
Ion Ratio Lower Upper
139 100
109 42.5 60.9 100.9#
65 67.2 76.5 116.5#



#58
Fluorene
Concen: 3.155 ng
RT: 15.551 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Tgt Ion:166 Resp: 70910
Ion Ratio Lower Upper
166 100
165 102.1 78.9 118.3
167 22.5 10.9 16.3#

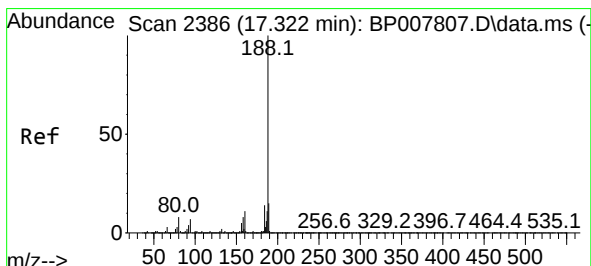
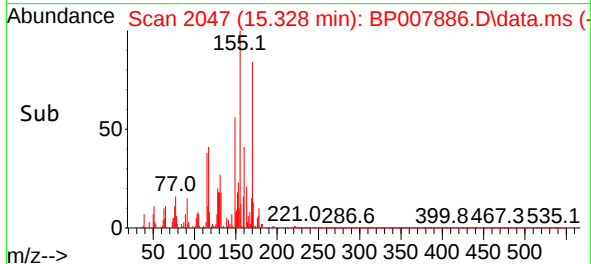
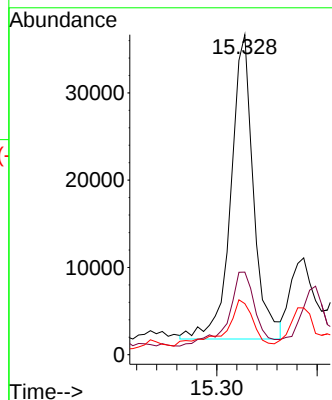
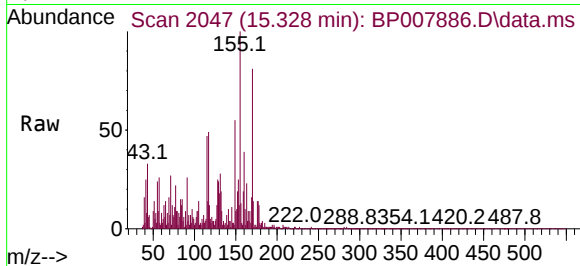




#60
Diethylphthalate
Concen: 2.213 ng
RT: 15.328 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

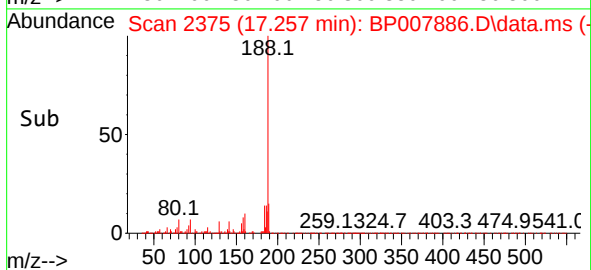
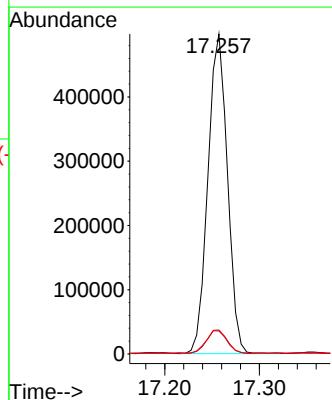
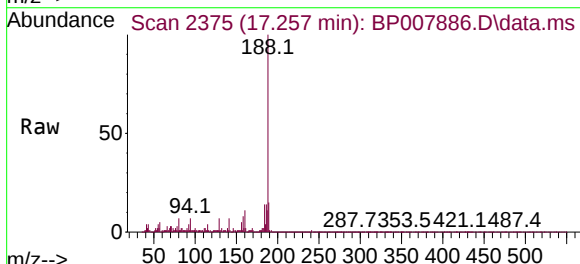
Instrument :
BNA_P
ClientSampleId :
TW-12

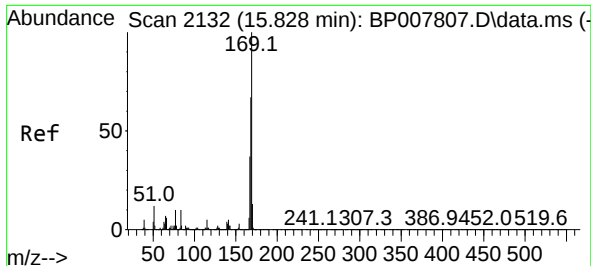
Tgt Ion:149 Resp: 54573
Ion Ratio Lower Upper
149 100
177 25.8 17.8 26.8
150 16.0 10.2 15.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Tgt Ion:188 Resp: 709127
Ion Ratio Lower Upper
188 100
94 7.2 7.1 10.7
80 7.5 7.8 11.6#

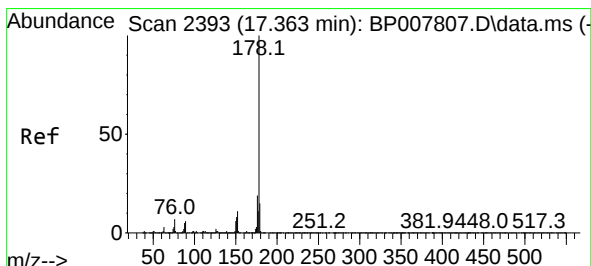
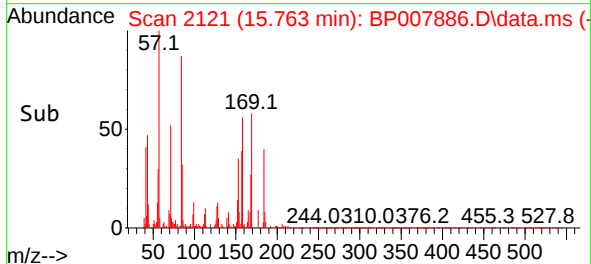
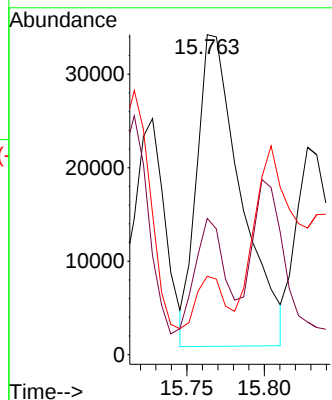
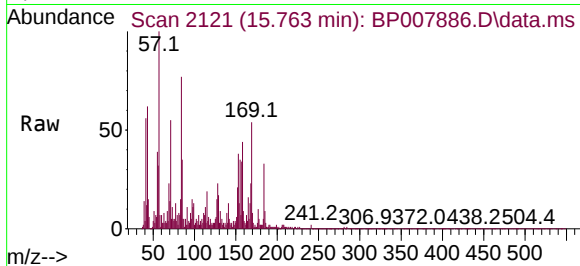




#66
n-Nitrosodiphenylamine
Concen: 3.259 ng
RT: 15.763 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

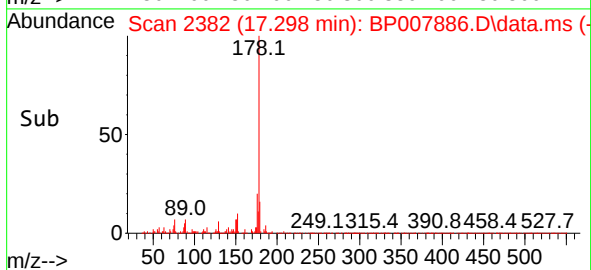
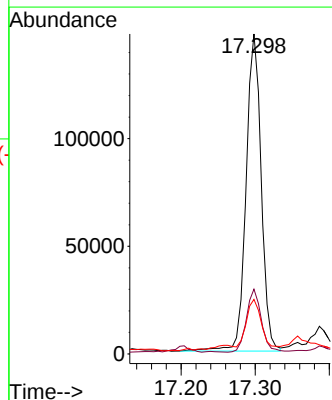
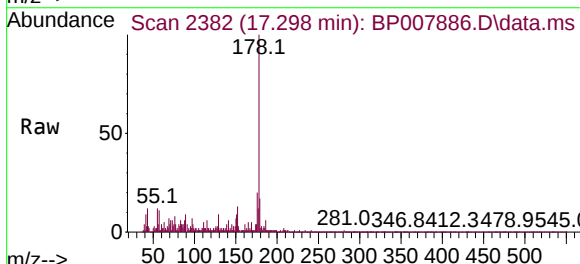
Instrument :
BNA_P
ClientSampleId :
TW-12

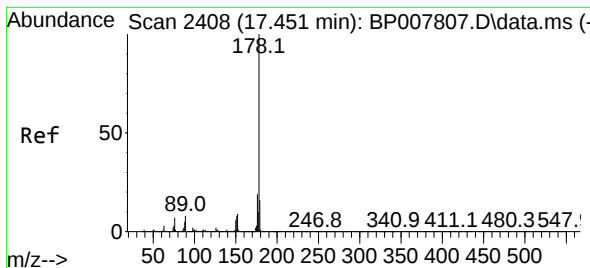
Tgt Ion:169 Resp: 65798
Ion Ratio Lower Upper
169 100
168 42.6 52.7 79.1#
167 24.5 29.0 43.6#



#71
Phenanthrene
Concen: 5.607 ng
RT: 17.298 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Tgt Ion:178 Resp: 209035
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.0
179 17.1 12.3 18.5





#72

Anthracene

Concen: 5.698 ng

RT: 17.298 min Scan# 21

Delta R.T. -0.094 min

Lab File: BP007886.D

Acq: 09 Nov 2021 11:59

Instrument :

BNA_P

ClientSampleId :

TW-12

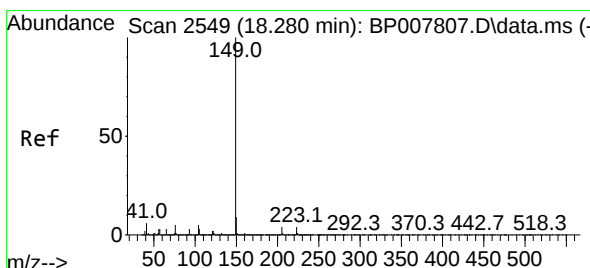
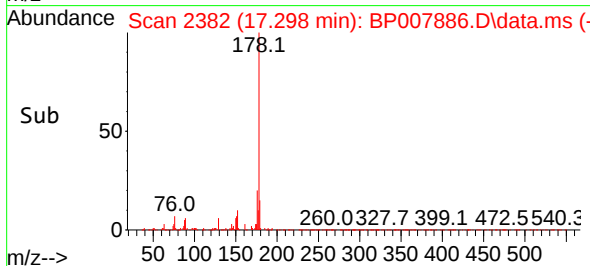
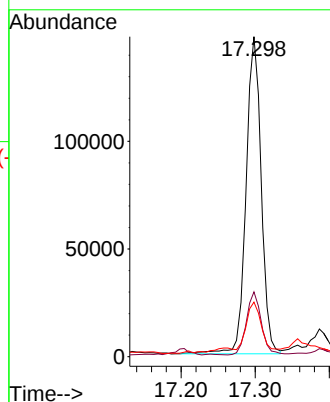
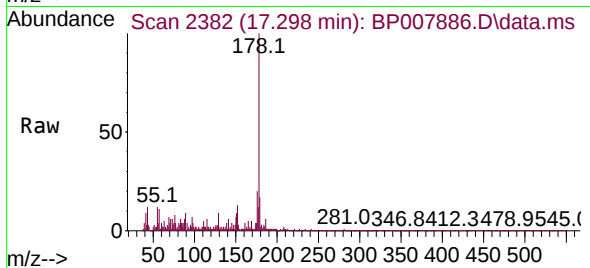
Tgt Ion:178 Resp: 209035

Ion Ratio Lower Upper

178 100

176 20.2 15.0 22.6

179 17.1 12.2 18.4



#74

Di-n-butylphthalate

Concen: 8.863 ng

RT: 18.216 min Scan# 2538

Delta R.T. -0.006 min

Lab File: BP007886.D

Acq: 09 Nov 2021 11:59

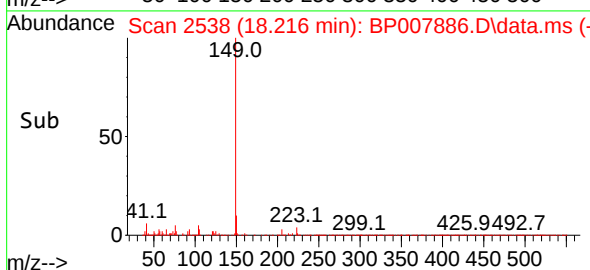
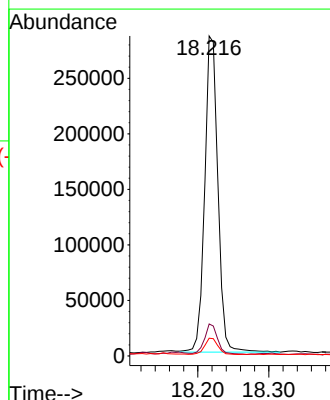
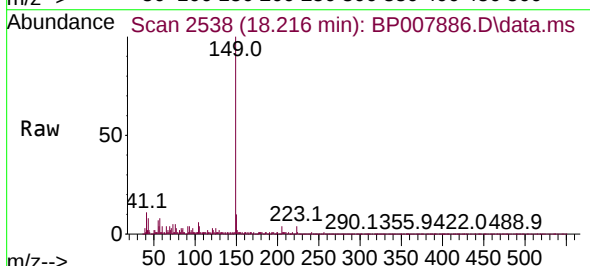
Tgt Ion:149 Resp: 368115

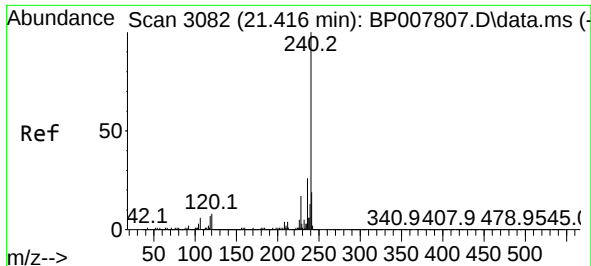
Ion Ratio Lower Upper

149 100

150 10.0 7.6 11.4

104 5.5 4.2 6.4

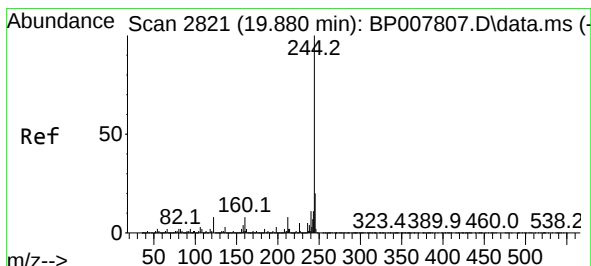
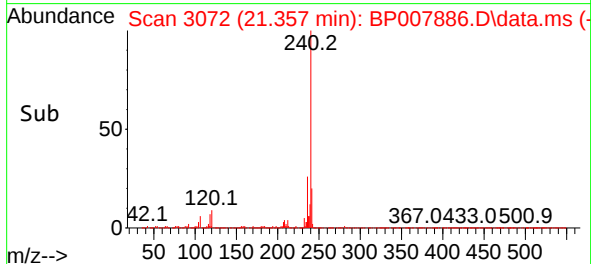
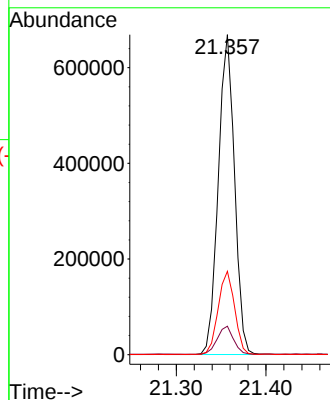
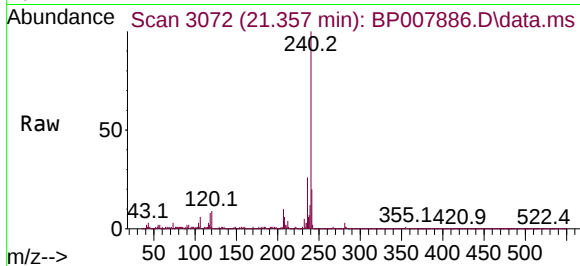




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3082
Delta R.T. 0.006 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

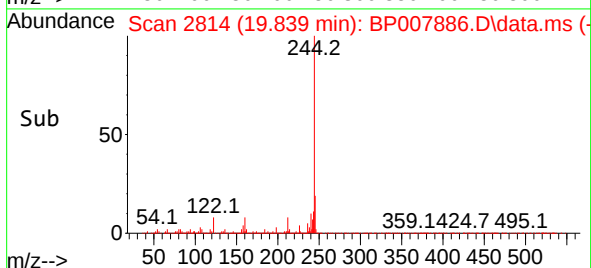
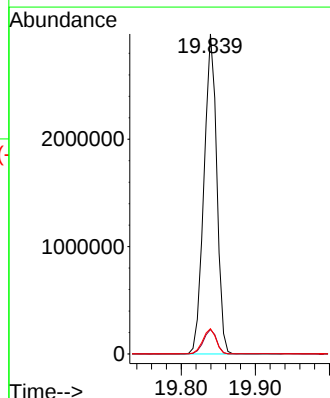
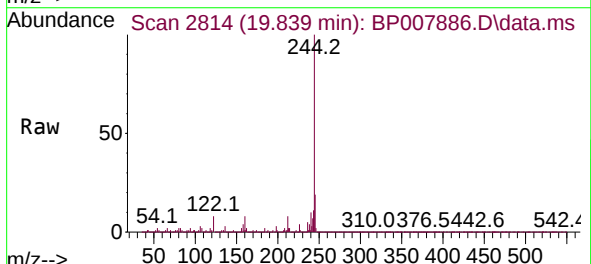
Instrument :
BNA_P
ClientSampleId :
TW-12

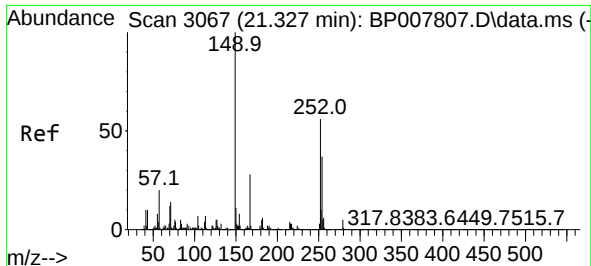
Tgt Ion:240 Resp: 837721
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.8
236 26.0 20.6 30.8



#79
Terphenyl-d14
Concen: 86.909 ng
RT: 19.839 min Scan# 2814
Delta R.T. 0.018 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Tgt Ion:244 Resp: 3575425
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.9 7.8 11.8

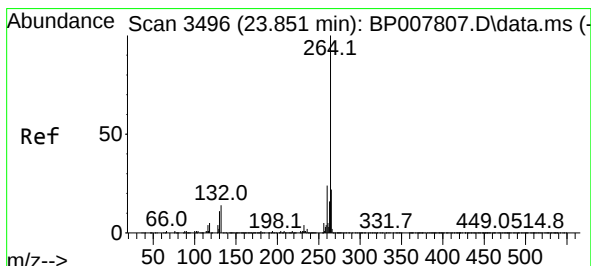
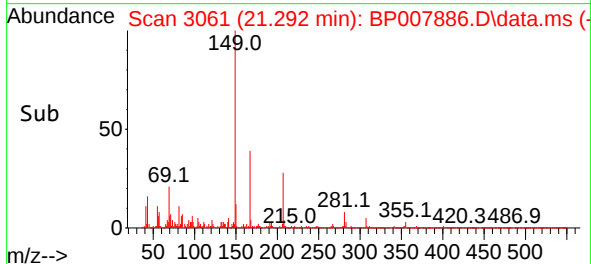
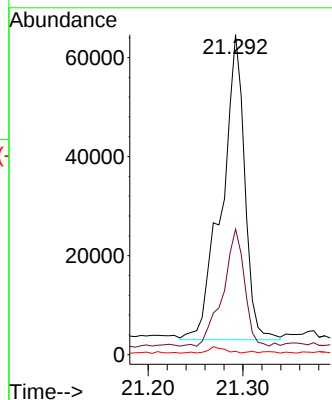
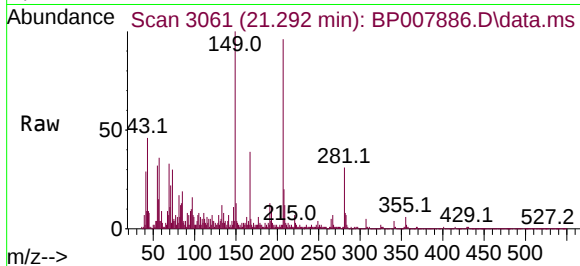




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.351 ng
RT: 21.292 min Scan# 3067
Delta R.T. 0.029 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Instrument :
BNA_P
ClientSampleId :
TW-12

Tgt Ion:149 Resp: 103768
Ion Ratio Lower Upper
149 100
167 39.3 21.6 32.4#
279 1.0 3.3 4.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.769 min Scan# 3482
Delta R.T. 0.000 min
Lab File: BP007886.D
Acq: 09 Nov 2021 11:59

Tgt Ion:264 Resp: 962519
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 22.5 16.7 25.1

