

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
 Data File : BP006861.D
 Acq On : 24 Aug 2021 23:22
 Operator : CG/JU
 Sample : M3489-16RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1-GROWS

Quant Time: Aug 25 02:36:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 13:40:38 2021
 Response via : Initial Calibration

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

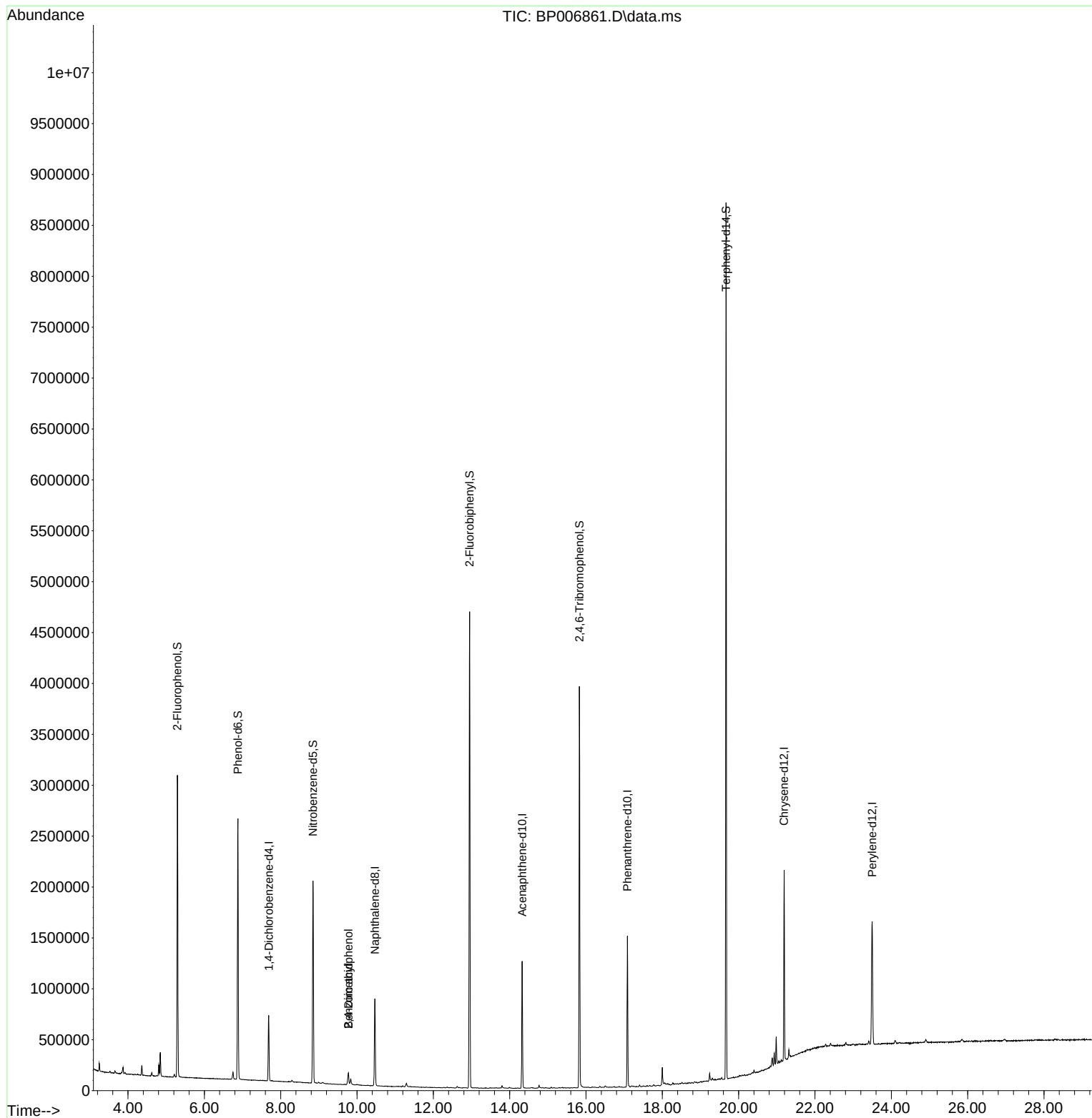
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	166350	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	677472	20.000	ng	# 0.00
39) Acenaphthene-d10	14.328	164	384375	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	765549	20.000	ng	#-0.01
76) Chrysene-d12	21.192	240	759697	20.000	ng	#-0.02
86) Perylene-d12	23.498	264	811604	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1273488	117.584	ng	0.00
7) Phenol-d6	6.881	99	1434110	93.215	ng	0.00
23) Nitrobenzene-d5	8.846	82	1183889	80.661	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	600383	149.455	ng	-0.02
45) 2-Fluorobiphenyl	12.951	172	2181554	84.914	ng	0.00
79) Terphenyl-d14	19.669	244	3395881	89.570	ng	-0.02
Target Compounds						
27) 2,4-Dimethylphenol	9.775	122	51235	5.510	ng	# 3
32) Benzoic acid	9.775	122	51235	7.123	ng	87

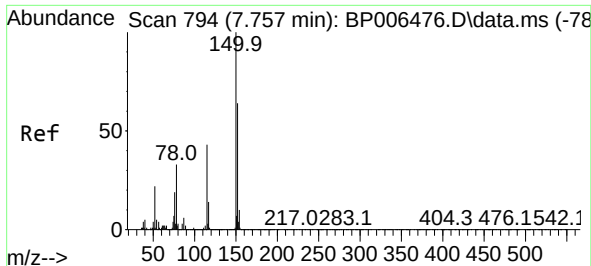
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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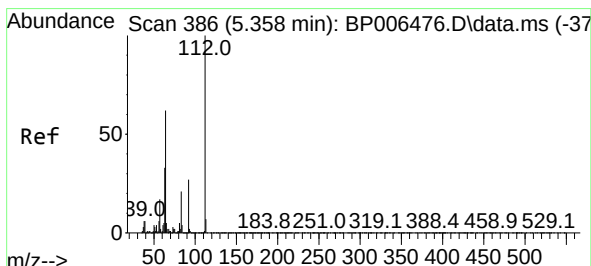
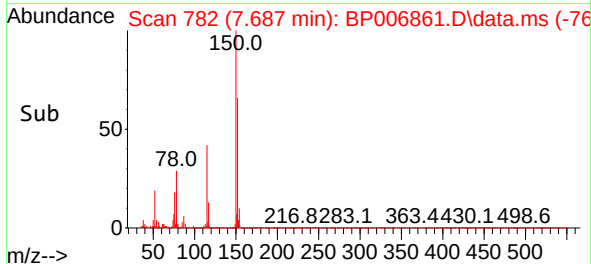
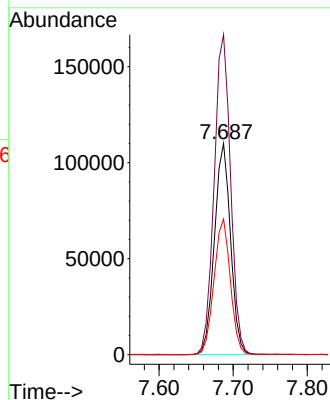
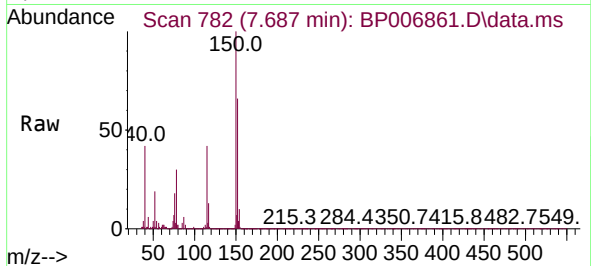




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.687 min Scan# 782
Delta R.T. -0.000 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

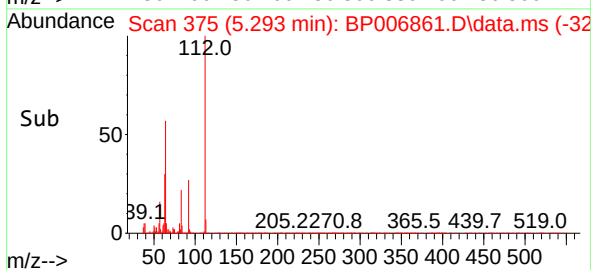
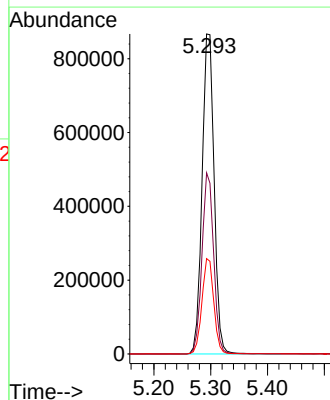
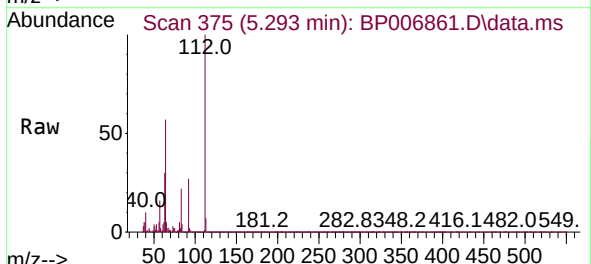
Instrument :
BNA_P
ClientSampleId :
1-GROWS

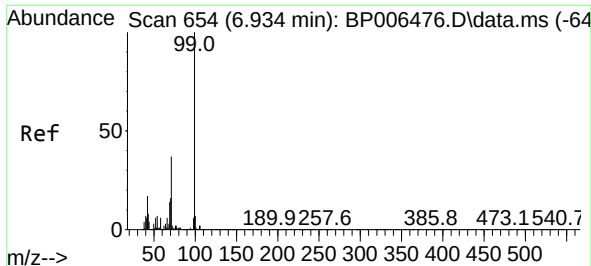
Tgt Ion:152 Resp: 166350
Ion Ratio Lower Upper
152 100
150 151.6 125.6 188.4
115 64.2 48.5 72.7



#5
2-Fluorophenol
Concen: 117.584 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.000 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

Tgt Ion:112 Resp: 1273488
Ion Ratio Lower Upper
112 100
64 56.6 41.4 62.2
63 29.8 23.8 35.8

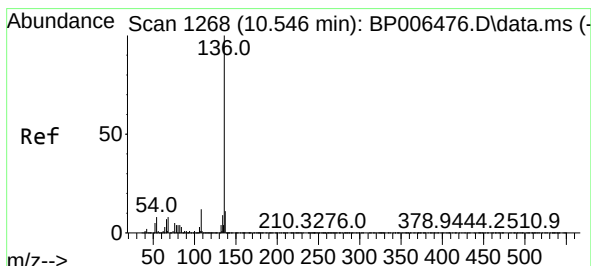
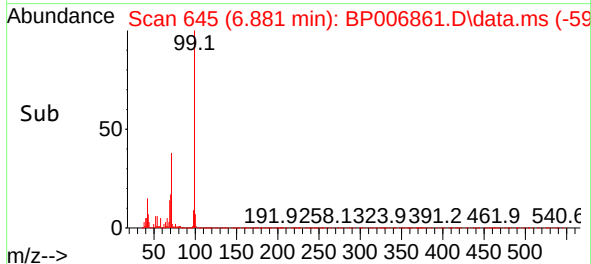
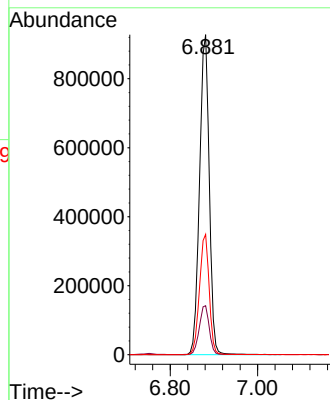
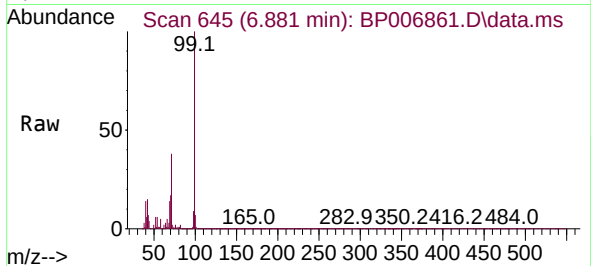




#7
Phenol-d6
Concen: 93.215 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

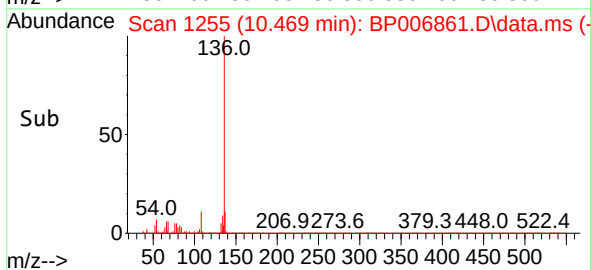
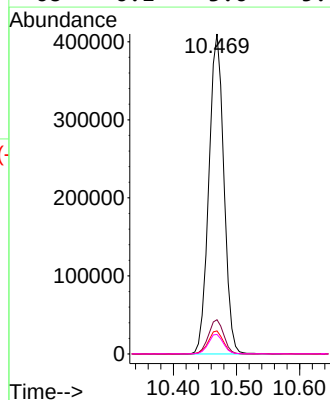
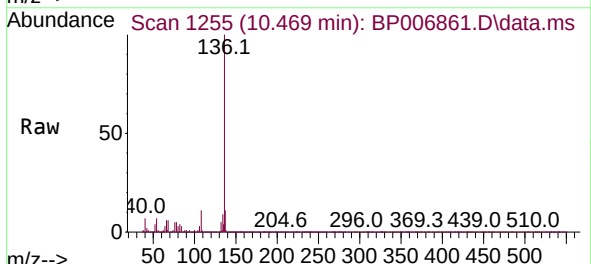
Instrument :
BNA_P
ClientSampleId :
1-GROWS

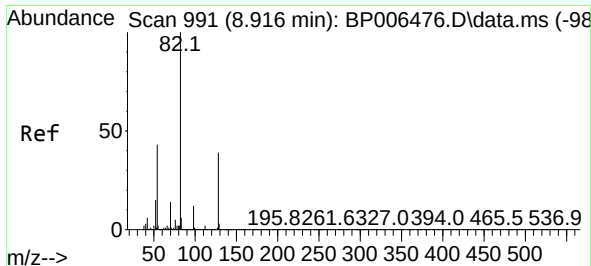
Tgt Ion: 99 Resp: 1434110
Ion Ratio Lower Upper
99 100
42 15.3 13.4 20.0
71 37.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

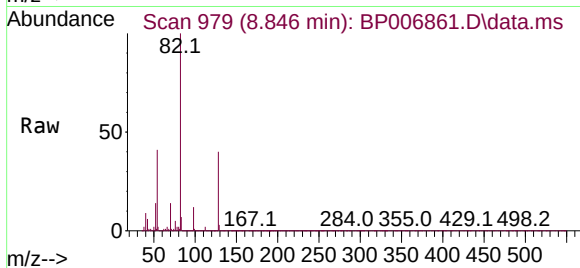
Tgt Ion: 136 Resp: 677472
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.2 4.6 6.8#
68 6.1 3.6 5.4#





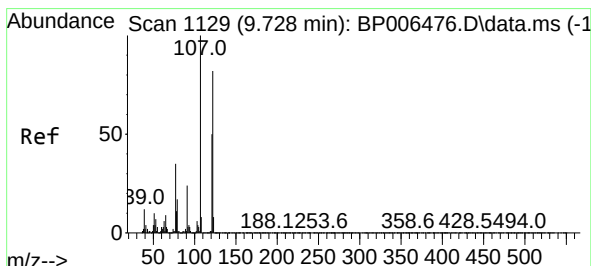
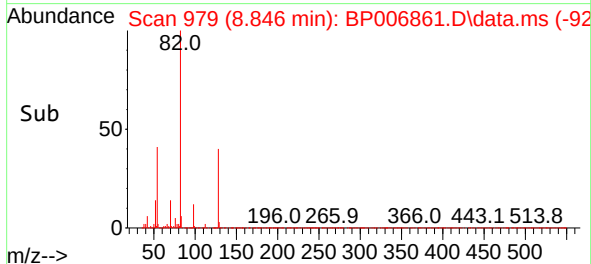
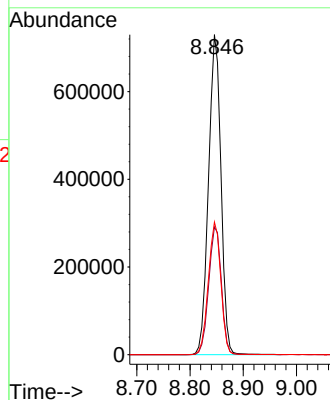
#23
Nitrobenzene-d5
Concen: 80.661 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

Instrument :
BNA_P
ClientSampleId :
1-GROWS



Tgt Ion: 82 Resp: 1183889

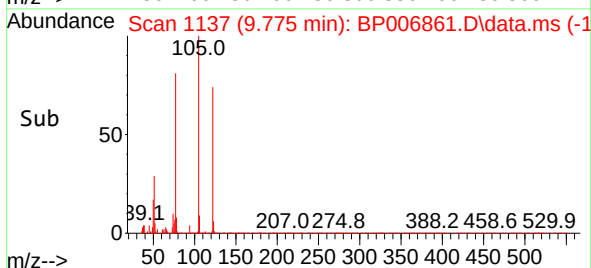
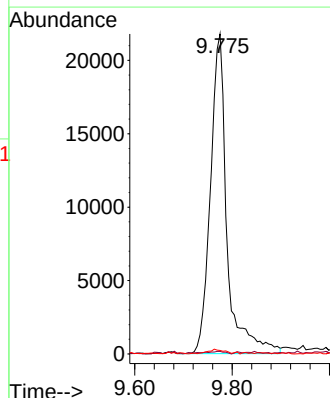
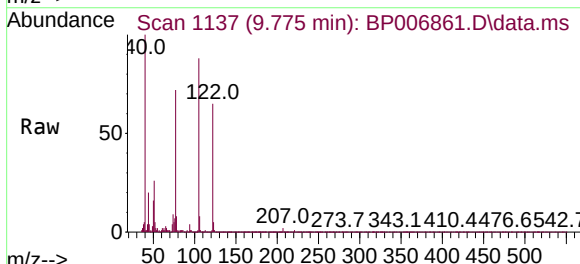
Ion	Ratio	Lower	Upper
82	100		
128	39.9	35.7	53.5
54	41.5	35.0	52.4

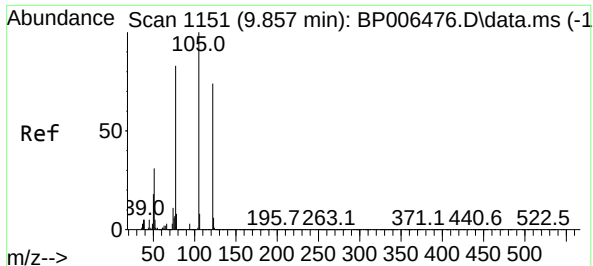


#27
2,4-Dimethylphenol
Concen: 5.510 ng
RT: 9.775 min Scan# 1137
Delta R.T. 0.106 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

Tgt Ion: 122 Resp: 51235

Ion	Ratio	Lower	Upper
122	100		
107	0.8	94.5	141.7#
121	1.1	47.4	71.2#

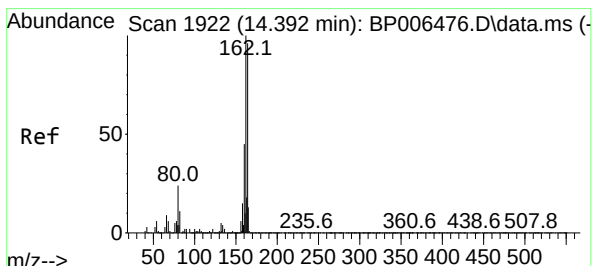
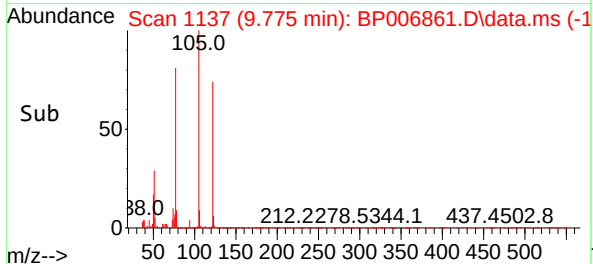
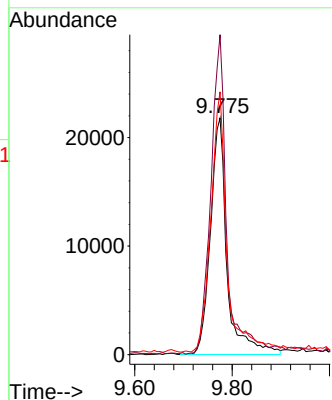
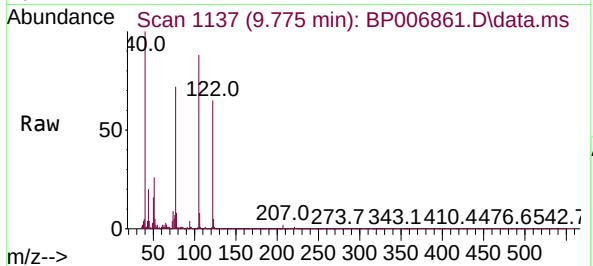




#32
Benzoic acid
Concen: 7.123 ng
RT: 9.775 min Scan# 1137
Delta R.T. -0.065 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

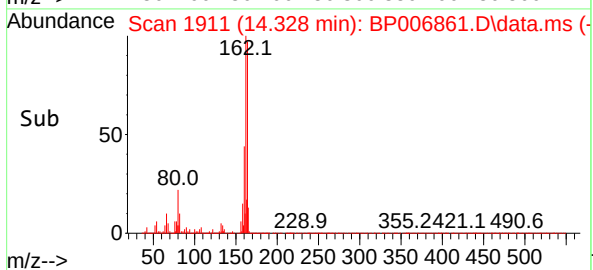
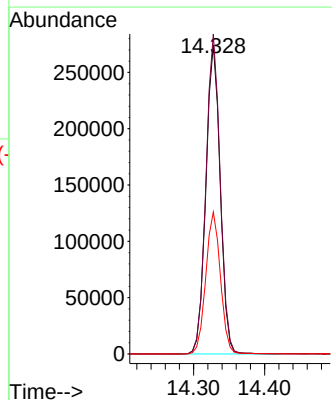
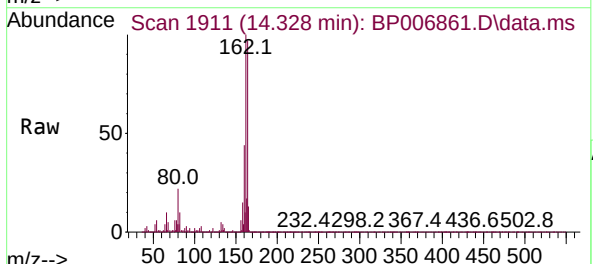
Instrument :
BNA_P
ClientSampleId :
1-GROWS

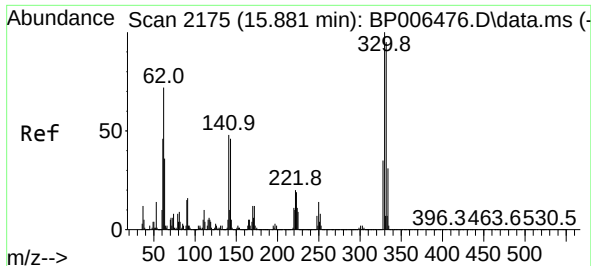
Tgt Ion:122 Resp: 51235
Ion Ratio Lower Upper
122 100
105 135.2 103.2 143.2
77 111.1 76.2 116.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

Tgt Ion:164 Resp: 384375
Ion Ratio Lower Upper
164 100
162 103.5 80.2 120.2
160 45.9 34.5 51.7

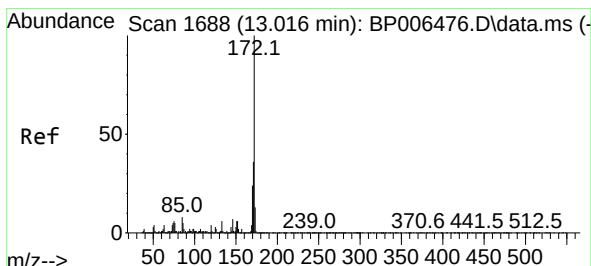
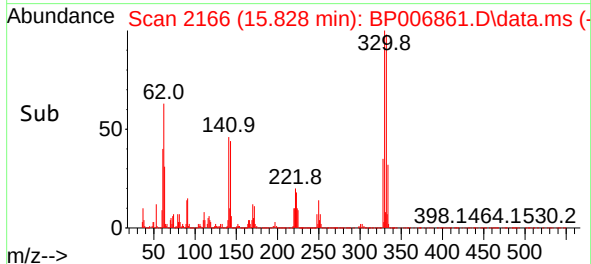
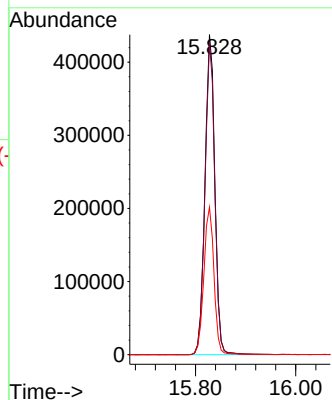
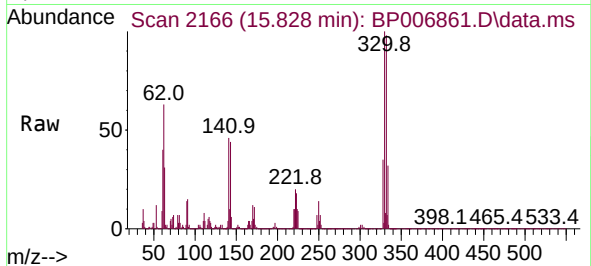




#42
2,4,6-Tribromophenol
Concen: 149.455 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.018 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

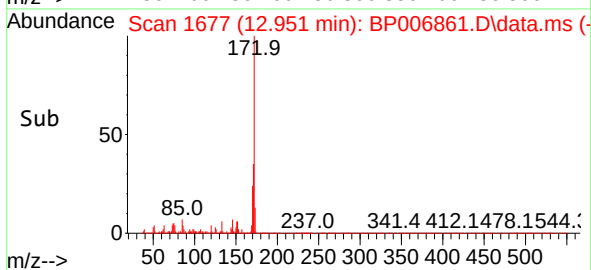
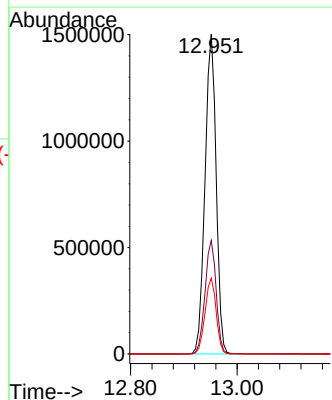
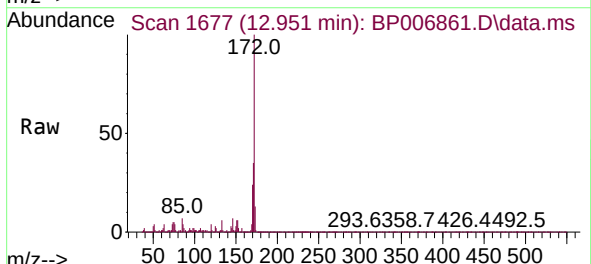
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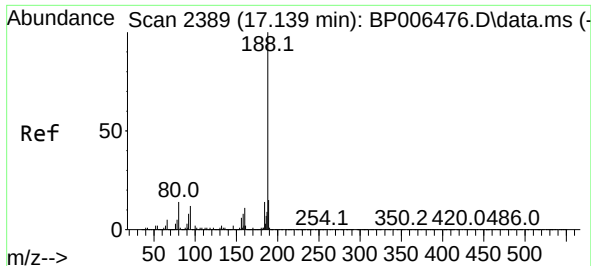
Tgt Ion:330 Resp: 600383
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 47.4 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 84.914 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

Tgt Ion:172 Resp: 2181554
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.7 18.6 27.8

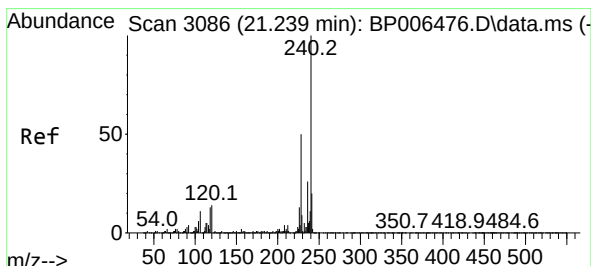
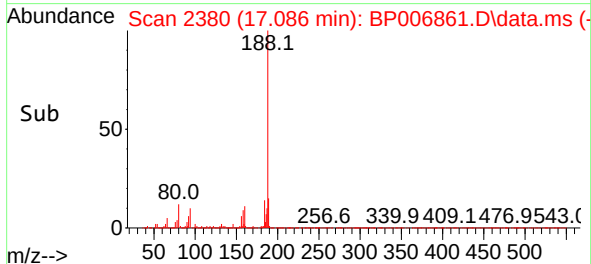
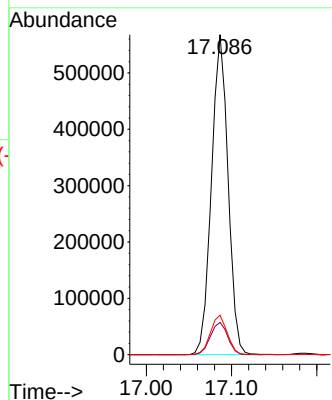
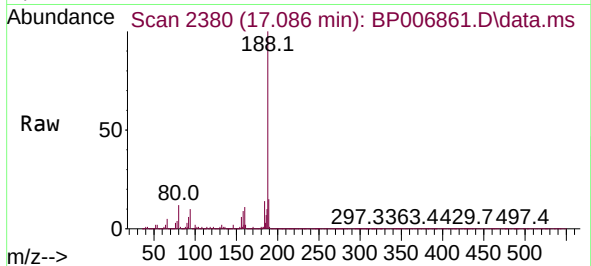




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

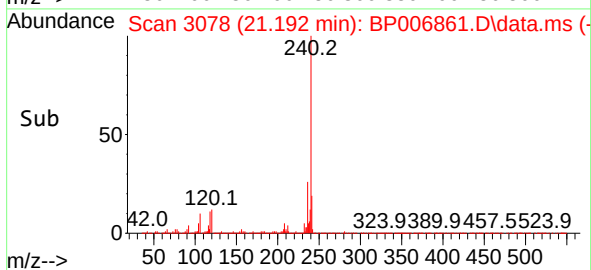
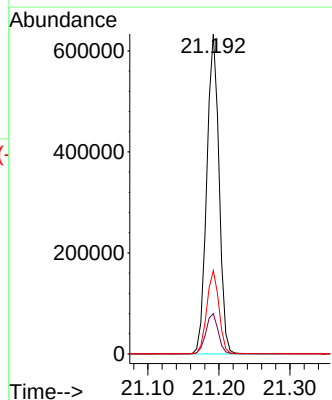
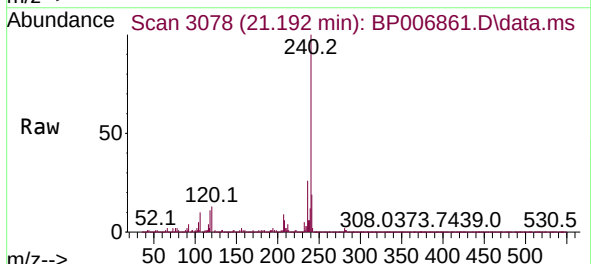
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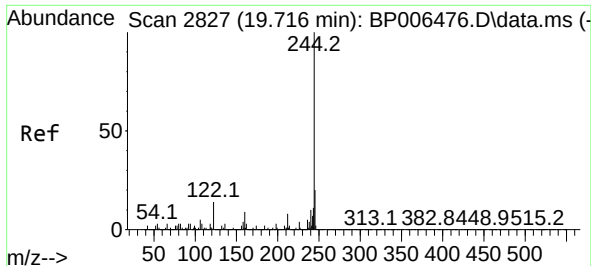
Tgt Ion:188 Resp: 765549
Ion Ratio Lower Upper
188 100
94 10.1 5.6 8.4#
80 12.4 6.3 9.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.018 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

Tgt Ion:240 Resp: 759697
Ion Ratio Lower Upper
240 100
120 12.6 6.5 9.7#
236 26.0 20.6 31.0

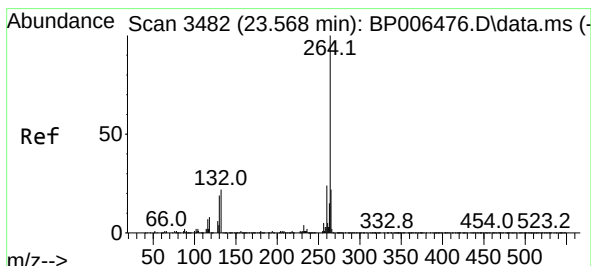
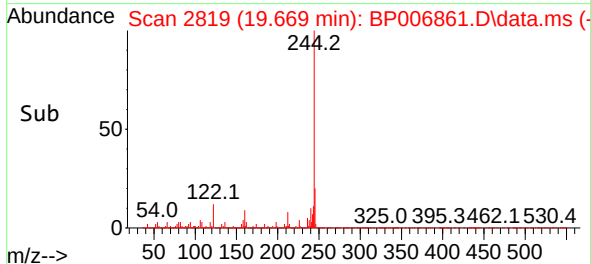
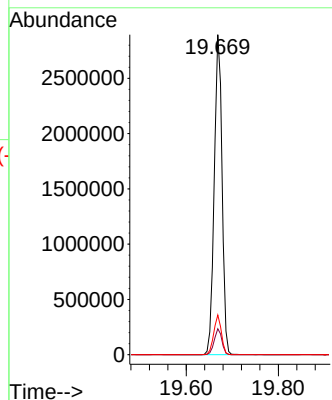
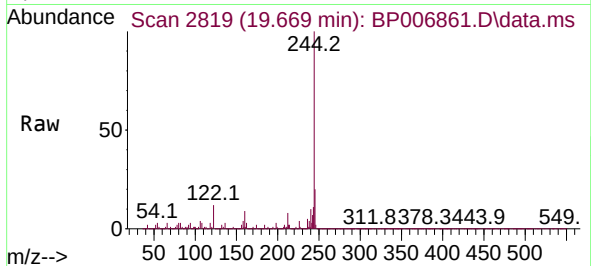




#79
Terphenyl-d14
Concen: 89.570 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.018 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:244 Resp: 3395881
Ion Ratio Lower Upper
244 100
212 8.1 6.0 9.0
122 12.4 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.498 min Scan# 3470
Delta R.T. -0.029 min
Lab File: BP006861.D
Acq: 24 Aug 2021 23:22

Tgt Ion:264 Resp: 811604
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.3 17.6 26.4

