

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120121\
 Data File : BP008177.D
 Acq On : 01 Dec 2021 17:37
 Operator : CG/JU
 Sample : M4863-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C-6

Quant Time: Dec 01 19:12:25 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 01 12:06:05 2021
 Response via : Initial Calibration

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

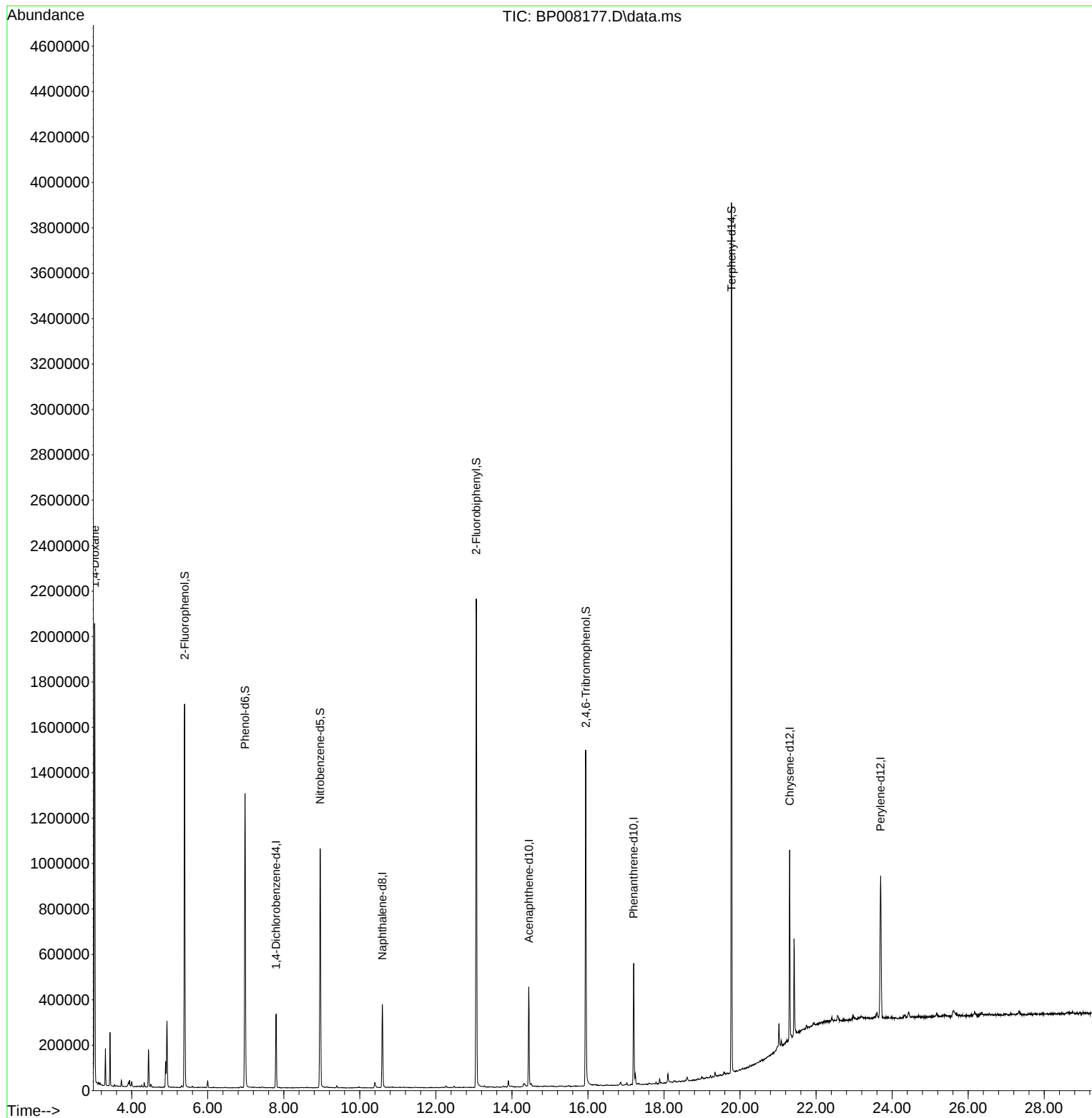
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	83347	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	277393	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	154166	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	317466	20.000	ng	0.00
76) Chrysene-d12	21.304	240	408434	20.000	ng	0.00
86) Perylene-d12	23.698	264	487896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	642150	124.050	ng	0.00
7) Phenol-d6	6.981	99	697143	99.764	ng	0.00
23) Nitrobenzene-d5	8.957	82	615893	100.964	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	288563	146.441	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1118010	105.338	ng	0.00
79) Terphenyl-d14	19.774	244	1775775	90.865	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.028	88	15157	6.276	ng	# 1
9) Benzaldehyde	6.922	77	108	Below Cal		# 33
78) Pyrene	19.574	202	9133	Below Cal		# 90

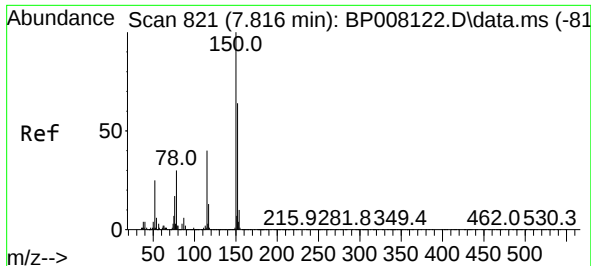
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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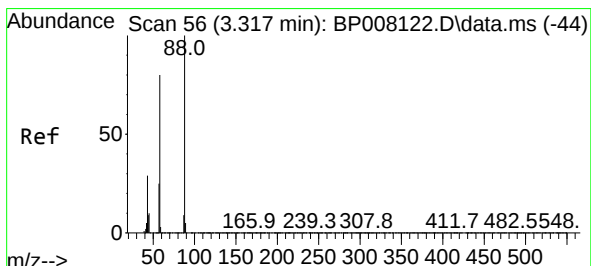
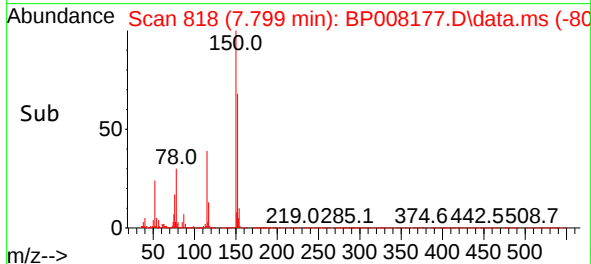
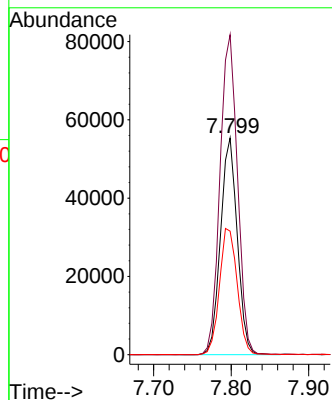
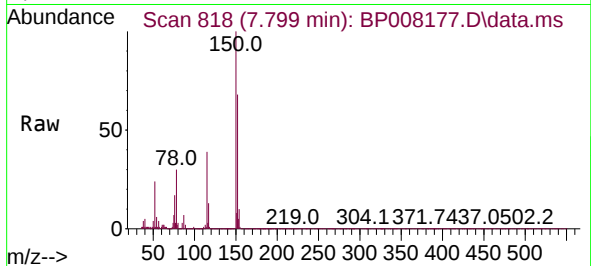




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.799 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP008177.D
 Acq: 01 Dec 2021 17:37

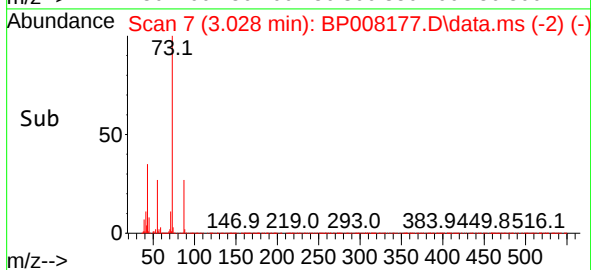
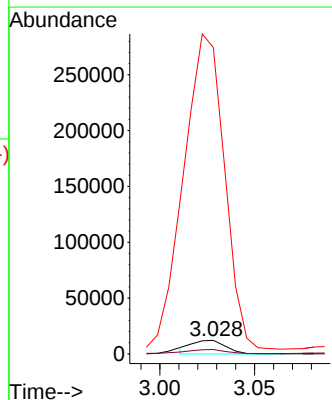
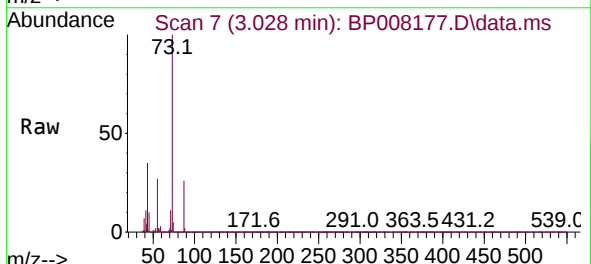
Instrument :
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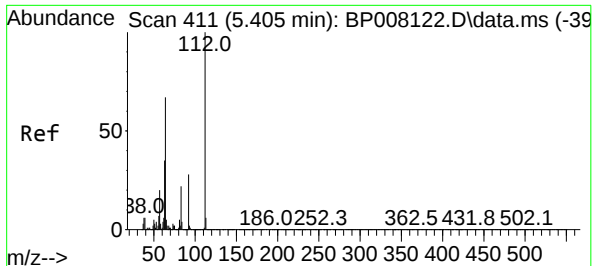
Tgt Ion:152 Resp: 83347
 Ion Ratio Lower Upper
 152 100
 150 147.6 125.7 188.5
 115 57.0 50.7 76.1



#2
 1,4-Dioxane
 Concen: 6.276 ng
 RT: 3.028 min Scan# 7
 Delta R.T. -0.271 min
 Lab File: BP008177.D
 Acq: 01 Dec 2021 17:37

Tgt Ion: 88 Resp: 15157
 Ion Ratio Lower Upper
 88 100
 58 29.5 63.5 95.3#
 43 2324.1 23.4 35.2#

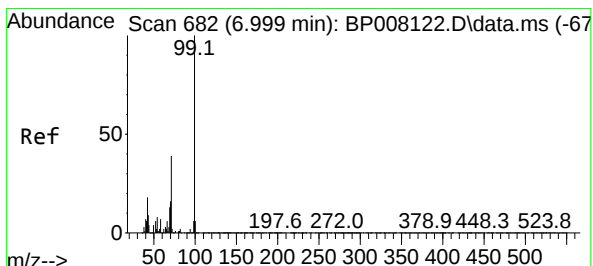
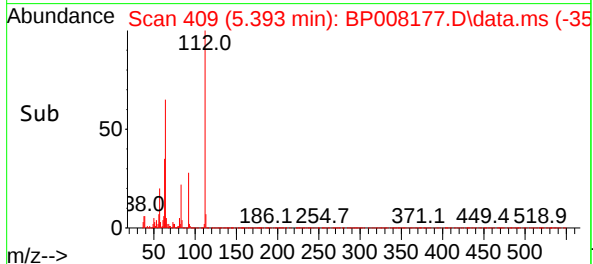
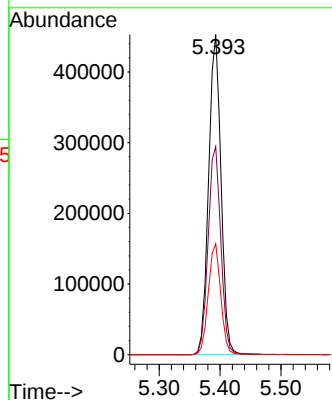
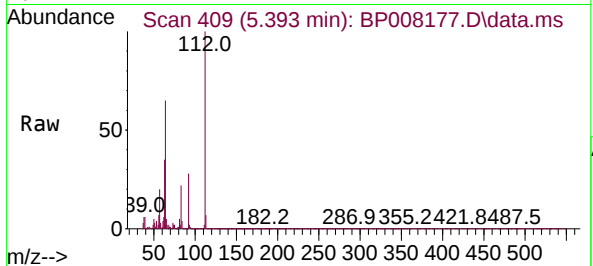




#5
2-Fluorophenol
Concen: 124.050 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP008177.D
Acq: 01 Dec 2021 17:37

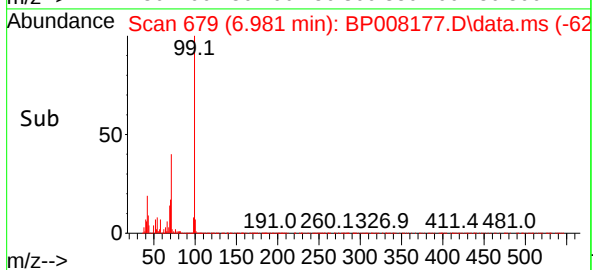
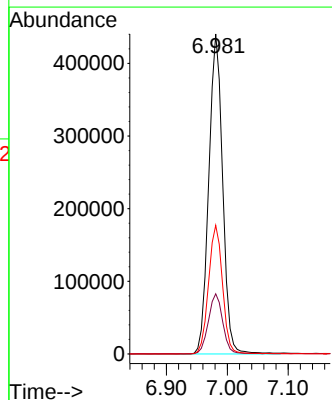
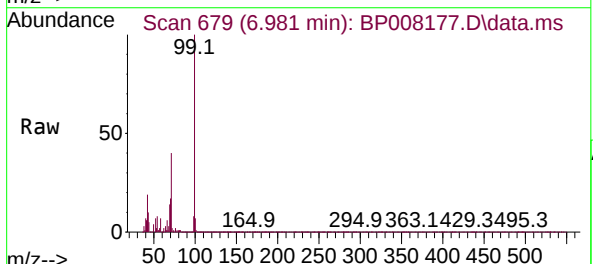
Instrument :
BNA_P
ClientSampleId :
C-6

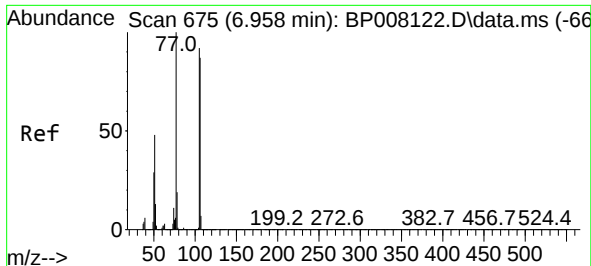
Tgt Ion:112 Resp: 642150
Ion Ratio Lower Upper
112 100
64 65.0 53.4 80.2
63 34.7 27.8 41.8



#7
Phenol-d6
Concen: 99.764 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BP008177.D
Acq: 01 Dec 2021 17:37

Tgt Ion: 99 Resp: 697143
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 40.2 31.1 46.7

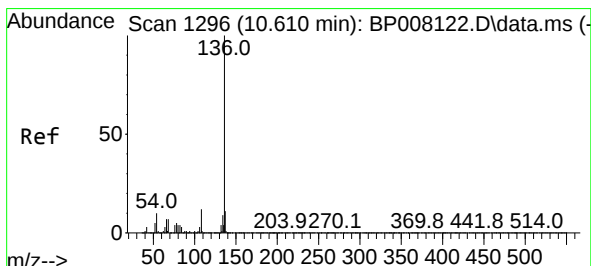
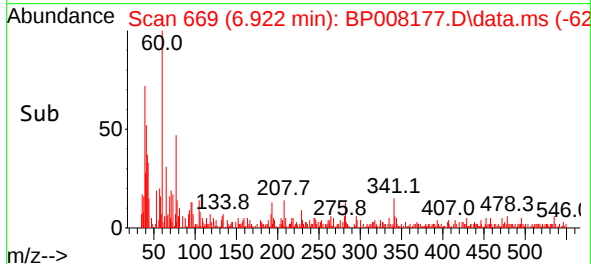
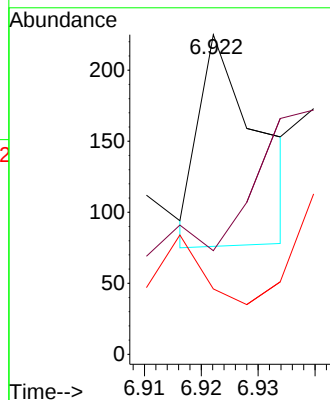
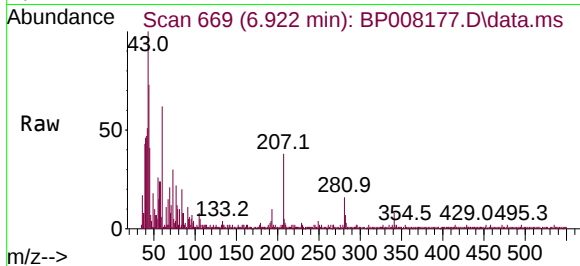




#9
Benzaldehyde
Concen: Below Cal
RT: 6.922 min Scan# 609
Delta R.T. -0.018 min
Lab File: BP008177.D
Acq: 01 Dec 2021 17:37

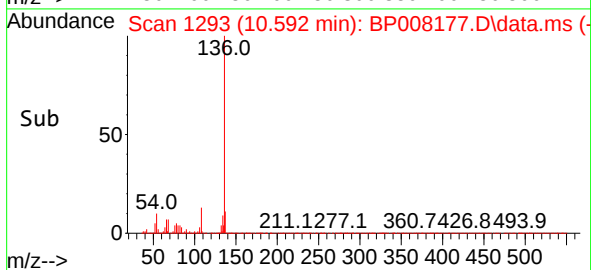
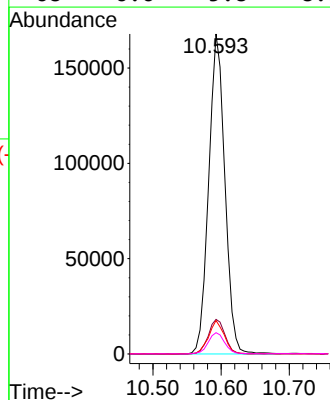
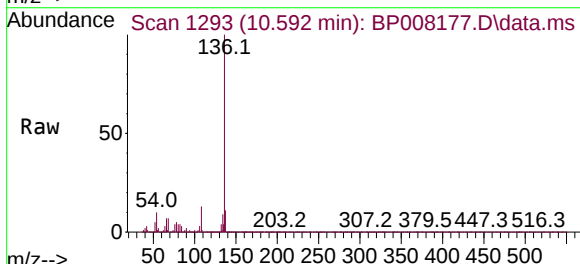
Instrument :
BNA_P
ClientSampleId :
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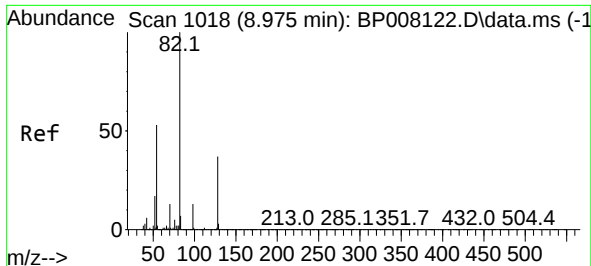
Tgt Ion: 77 Resp: 108
Ion Ratio Lower Upper
77 100
105 32.4 71.8 111.8#
106 20.4 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP008177.D
Acq: 01 Dec 2021 17:37

Tgt Ion: 136 Resp: 277393
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.4 8.2 12.4
68 6.6 5.8 8.8

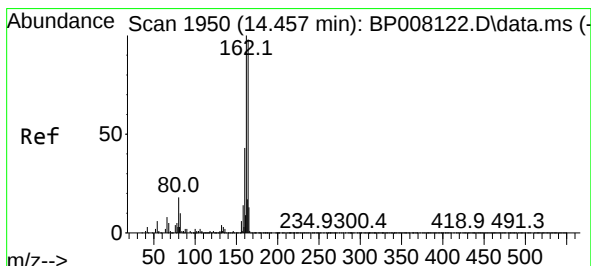
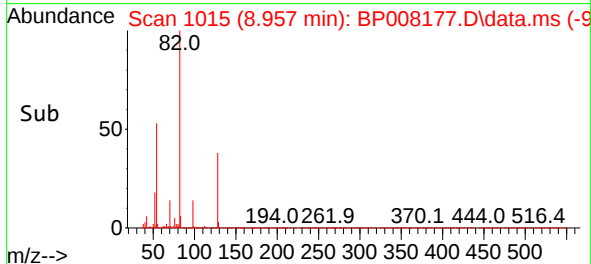
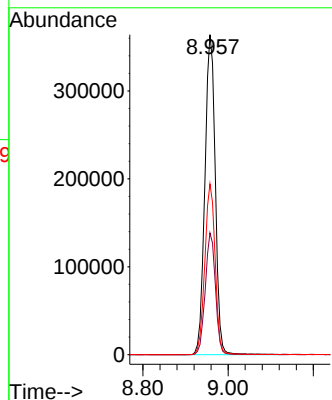
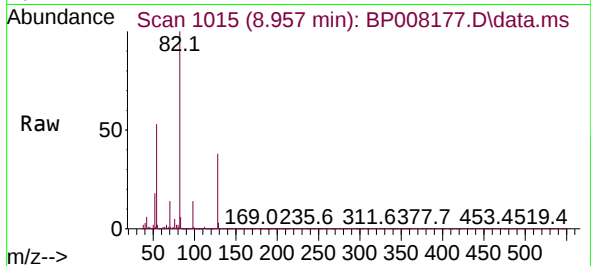




#23
Nitrobenzene-d5
Concen: 100.964 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP008177.D
Acq: 01 Dec 2021 17:37

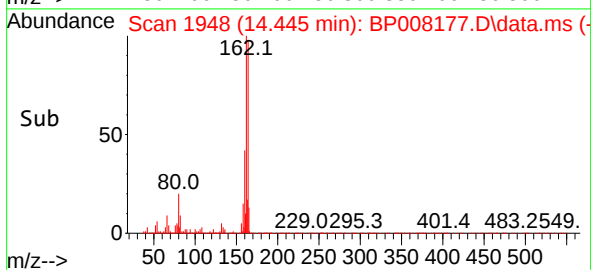
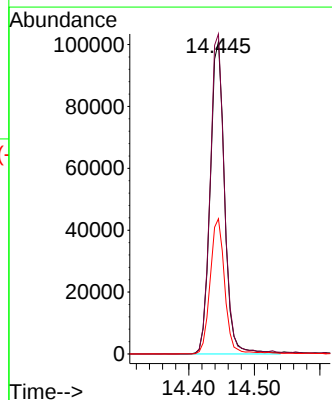
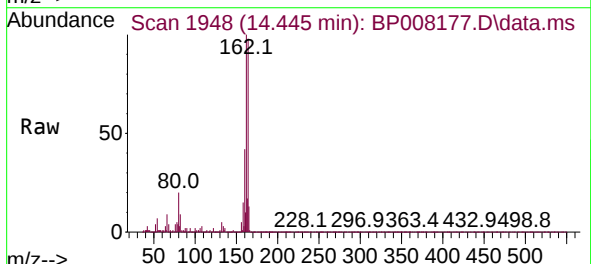
Instrument :
BNA_P
ClientSampleId :
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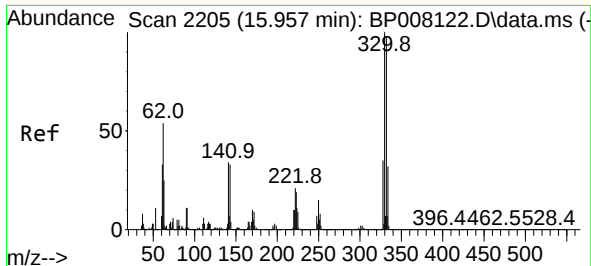
Tgt Ion: 82 Resp: 615893
Ion Ratio Lower Upper
82 100
128 38.1 29.6 44.4
54 53.4 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP008177.D
Acq: 01 Dec 2021 17:37

Tgt Ion:164 Resp: 154166
Ion Ratio Lower Upper
164 100
162 102.5 81.9 122.9
160 43.3 35.4 53.0

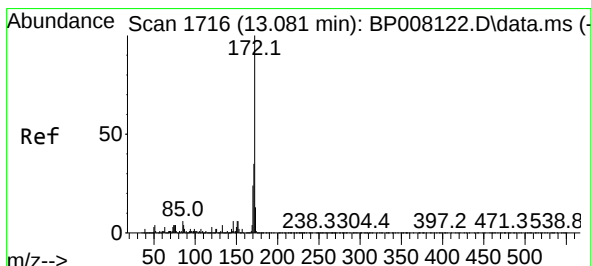
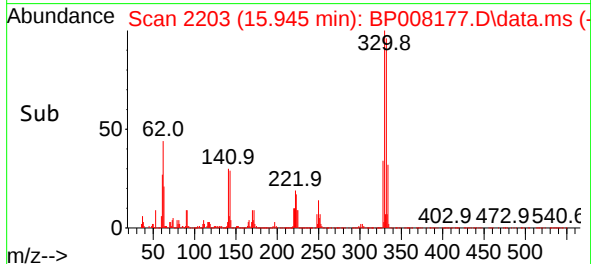
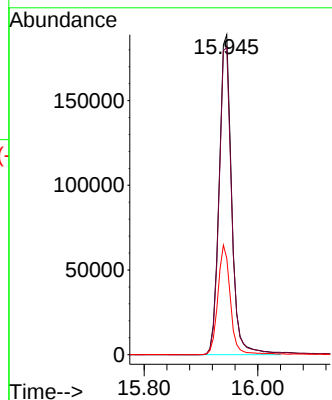
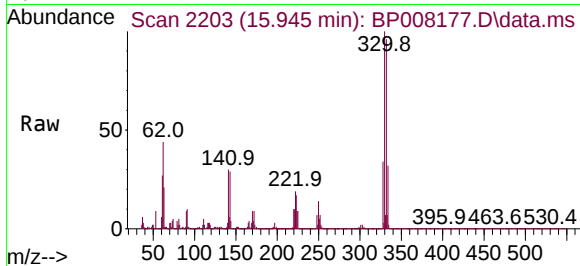




#42
2,4,6-Tribromophenol
Concen: 146.441 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008177.D
Acq: 01 Dec 2021 17:37

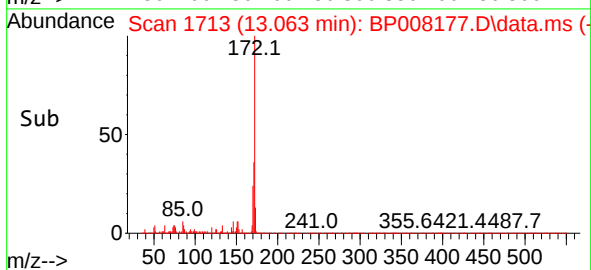
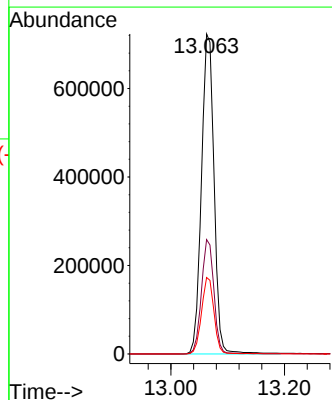
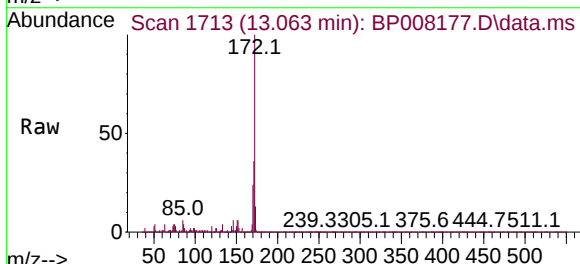
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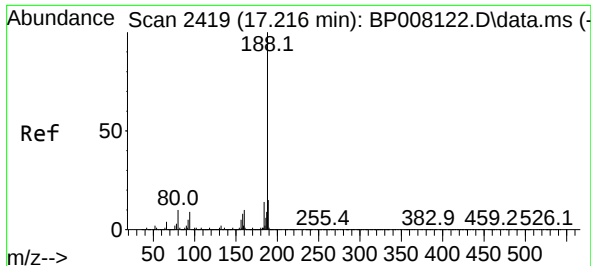
Tgt Ion:330 Resp: 288563
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.4
141 34.4 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 105.338 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP008177.D
Acq: 01 Dec 2021 17:37

Tgt Ion:172 Resp: 1118010
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.9 18.9 28.3

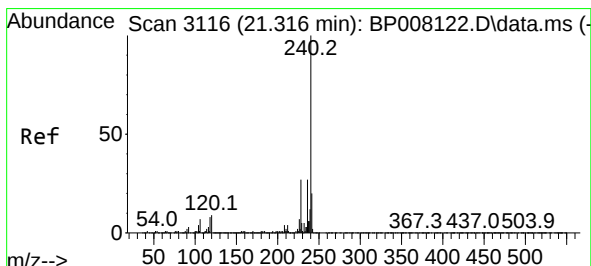
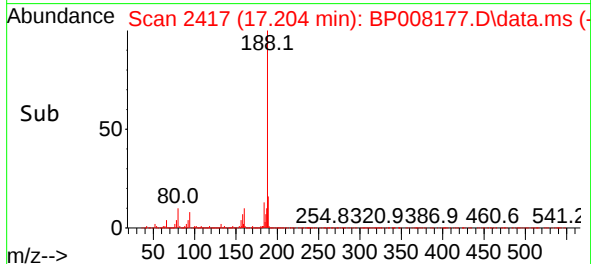
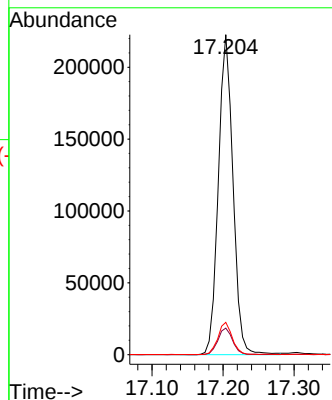
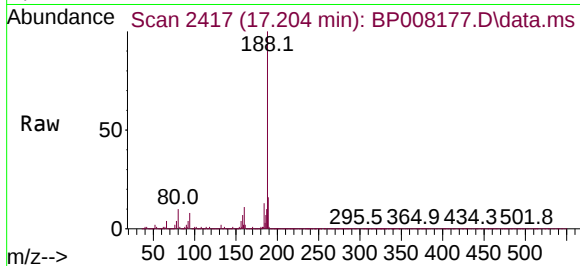




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP008177.D
Acq: 01 Dec 2021 17:37

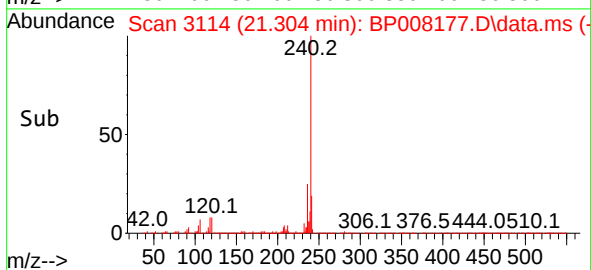
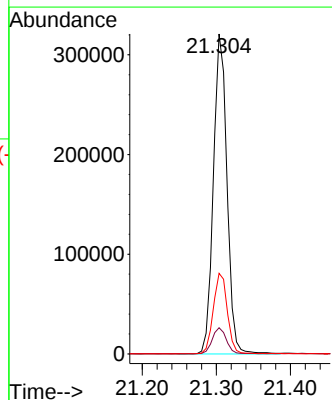
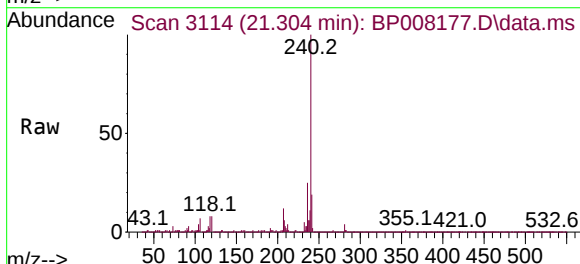
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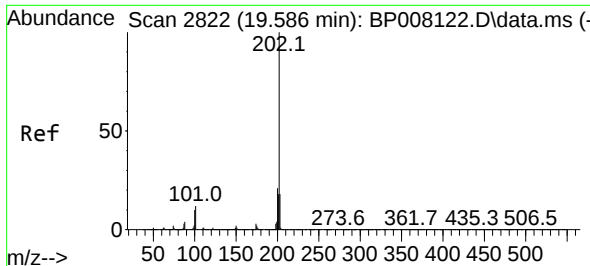
Tgt Ion:188 Resp: 317466
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 10.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP008177.D
Acq: 01 Dec 2021 17:37

Tgt Ion:240 Resp: 408434
Ion Ratio Lower Upper
240 100
120 8.2 7.3 10.9
236 25.2 21.4 32.2

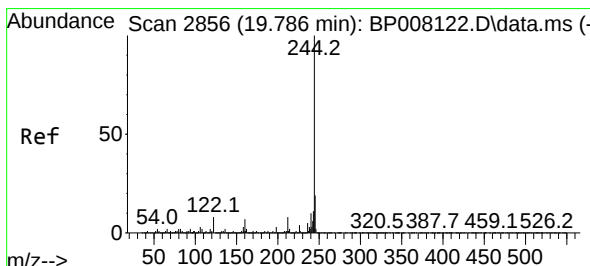
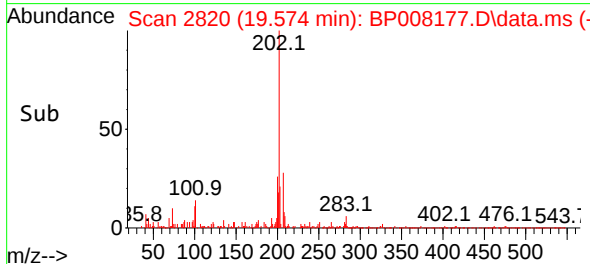
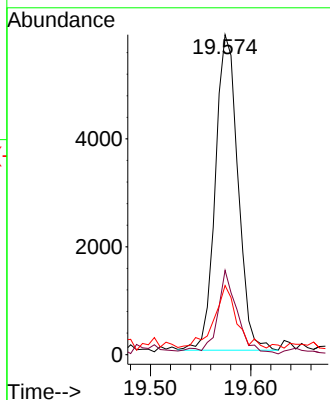
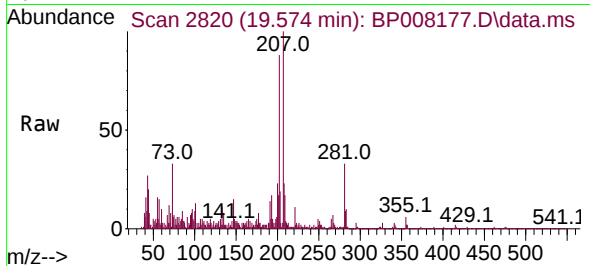




#78
Pyrene
Concen: Below Cal
RT: 19.574 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP008177.D
Acq: 01 Dec 2021 17:37

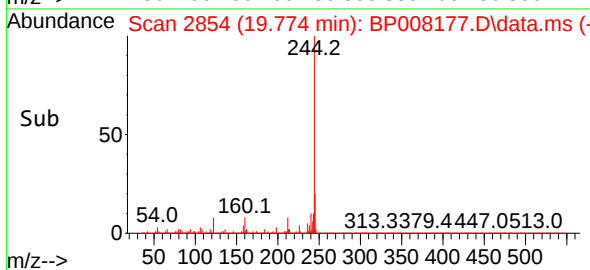
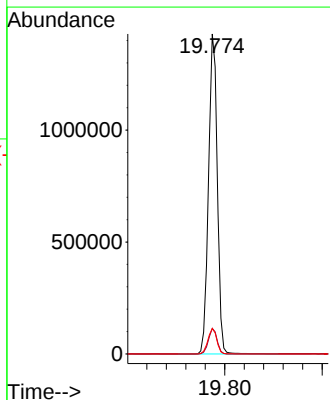
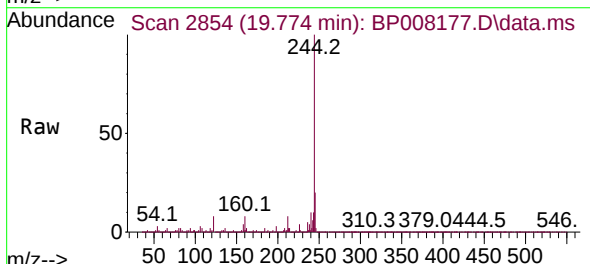
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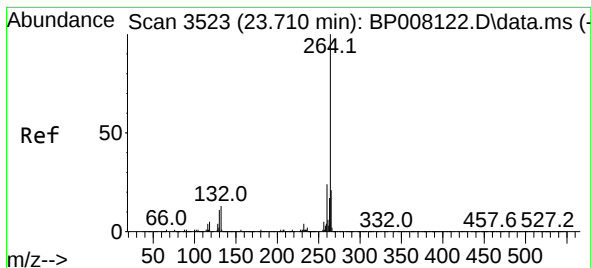
Tgt Ion:202 Resp: 9133
Ion Ratio Lower Upper
202 100
200 26.4 17.1 25.7#
203 21.6 14.2 21.2#



#79
Terphenyl-d14
Concen: 90.865 ng
RT: 19.774 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BP008177.D
Acq: 01 Dec 2021 17:37

Tgt Ion:244 Resp: 1775775
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 7.9 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.698 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP008177.D

Acq: 01 Dec 2021 17:37

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:264 Resp: 487896

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 22.0 17.6 26.4

