

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008237.D
 Acq On : 06 Dec 2021 19:52
 Operator : CG/JU
 Sample : M4917-07DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-23DL

Quant Time: Dec 07 05:11:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

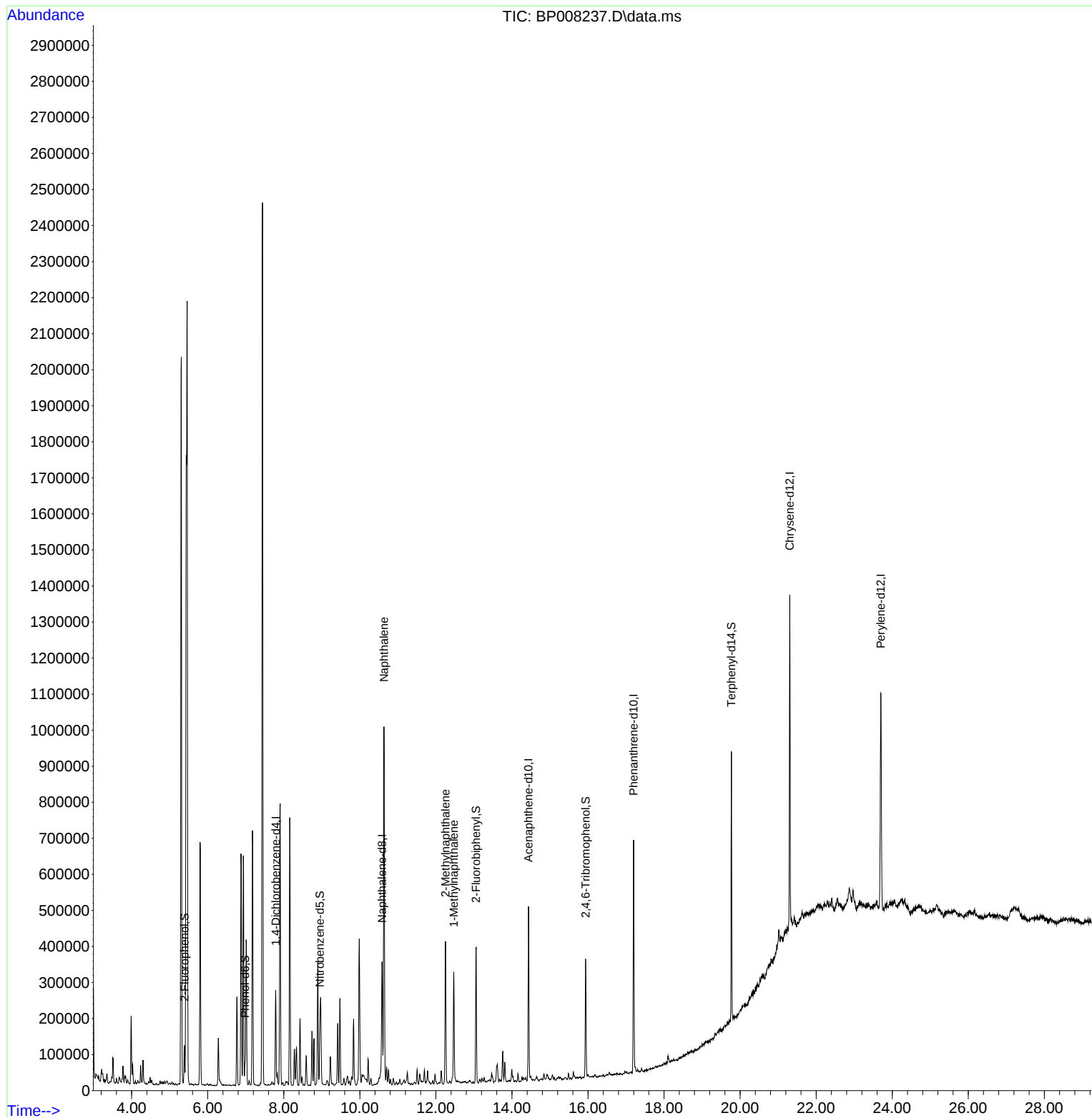
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	65876	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	247931	20.000	ng	-0.01
39) Acenaphthene-d10	14.434	164	164269	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	375727	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	436307	20.000	ng	-0.01
86) Perylene-d12	23.698	264	489226	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	45614	11.149	ng	0.00
7) Phenol-d6	6.981	99	34422	6.232	ng	0.00
23) Nitrobenzene-d5	8.946	82	80088	14.689	ng	-0.02
42) 2,4,6-Tribromophenol	15.940	330	64619	30.776	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	190598	16.853	ng	-0.01
79) Terphenyl-d14	19.769	244	332260	15.915	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.634	128	705336	55.535	ng	99
37) 2-Methylnaphthalene	12.251	142	173886	19.358	ng	98
38) 1-Methylnaphthalene	12.469	142	130788	14.958	ng	98

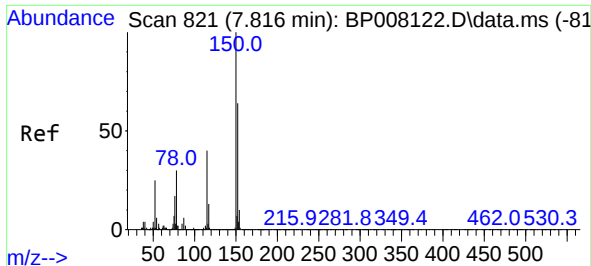
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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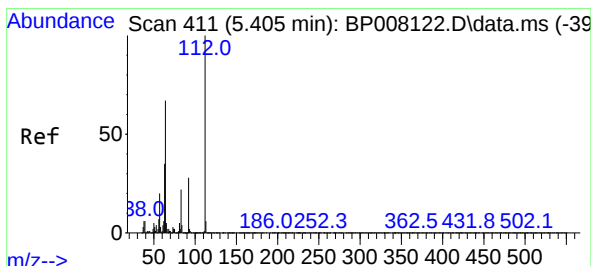
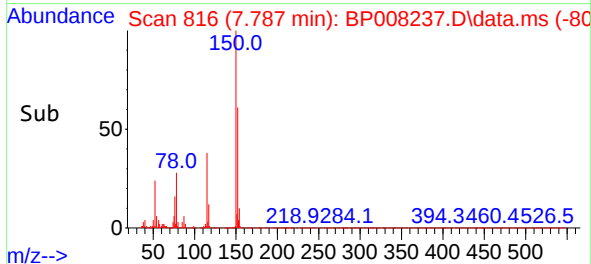
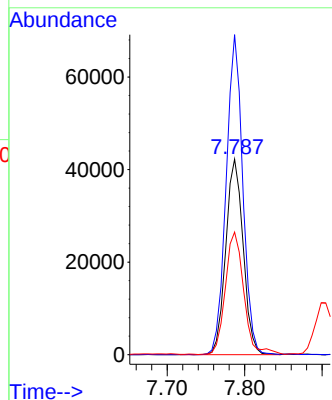
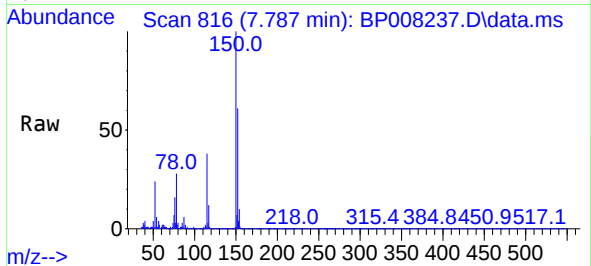




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

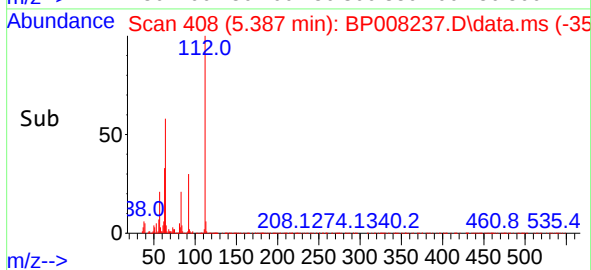
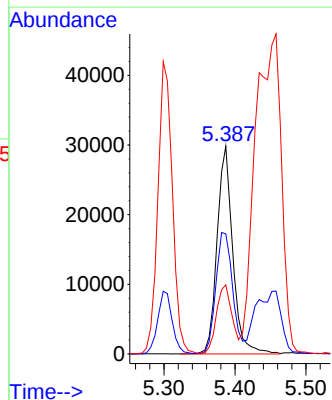
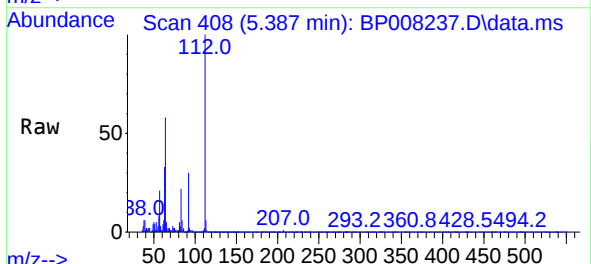
Instrument :
BNA_P
ClientSampleId :
MW-23DL

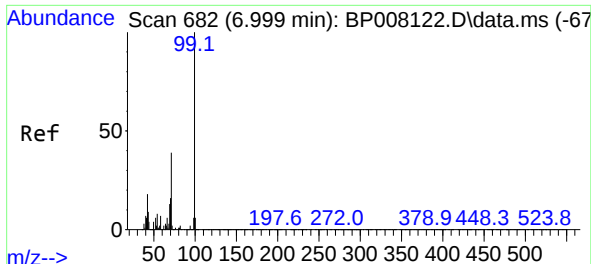
Tgt Ion:152 Resp: 65876
Ion Ratio Lower Upper
152 100
150 163.7 125.7 188.5
115 62.7 50.7 76.1



#5
2-Fluorophenol
Concen: 11.149 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion:112 Resp: 45614
Ion Ratio Lower Upper
112 100
64 57.8 53.4 80.2
63 33.3 27.8 41.8

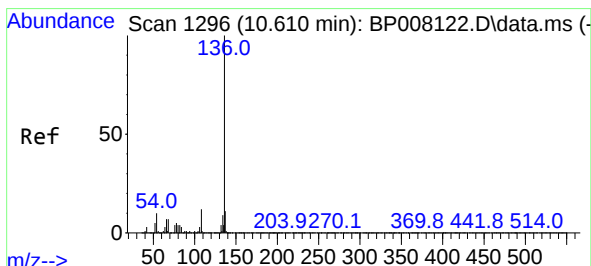
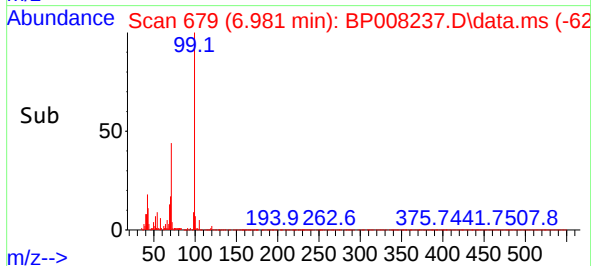
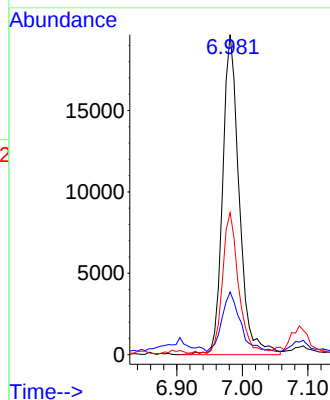
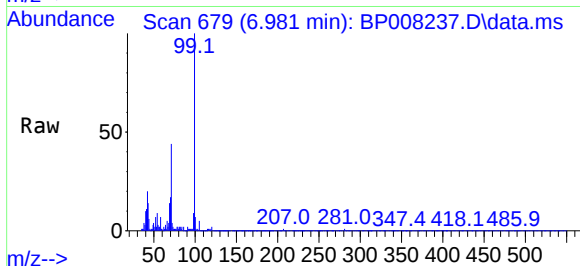




#7
Phenol-d6
Concen: 6.232 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

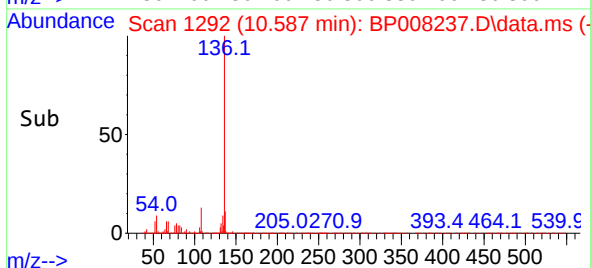
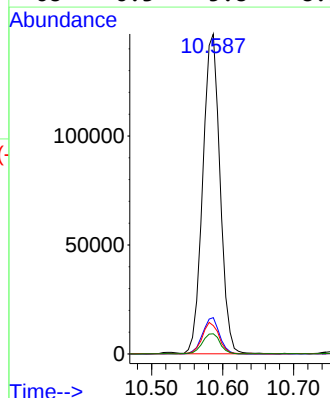
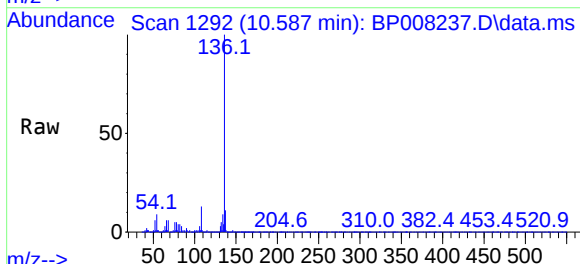
Instrument :
BNA_P
ClientSampleId :
MW-23DL

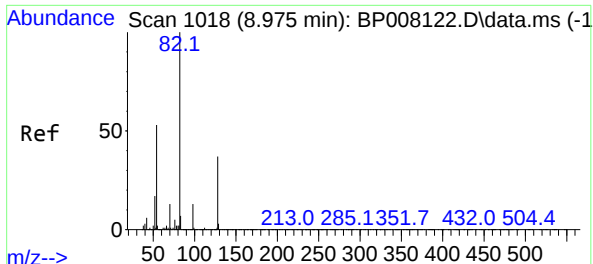
Tgt Ion: 99 Resp: 34422
Ion Ratio Lower Upper
99 100
42 19.6 14.6 22.0
71 44.4 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion: 136 Resp: 247931
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.9 8.2 12.4
68 6.3 5.8 8.8





#23

Nitrobenzene-d5

Concen: 14.689 ng

RT: 8.946 min Scan# 10

Delta R.T. -0.018 min

Lab File: BP008237.D

Acq: 06 Dec 2021 19:52

Instrument :

BNA_P

ClientSampleId :

MW-23DL

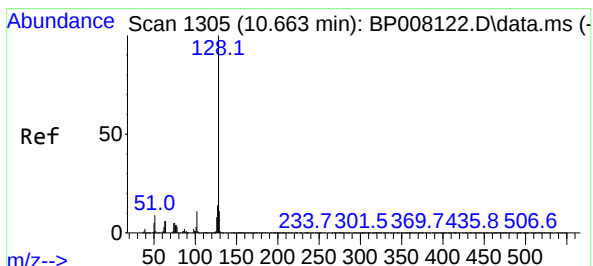
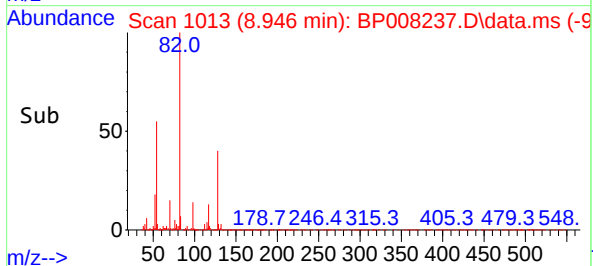
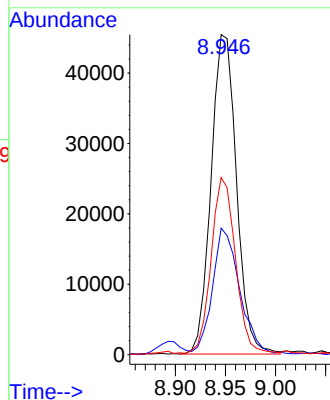
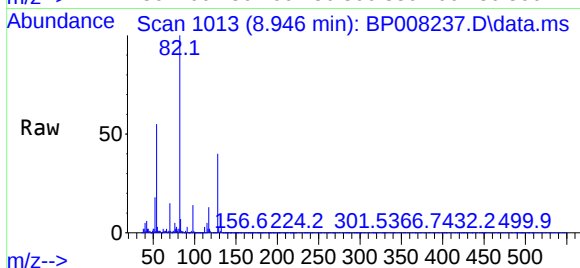
Tgt Ion: 82 Resp: 80088

Ion Ratio Lower Upper

82 100

128 39.6 29.6 44.4

54 55.3 42.7 64.1



#31

Naphthalene

Concen: 55.535 ng

RT: 10.634 min Scan# 1300

Delta R.T. -0.012 min

Lab File: BP008237.D

Acq: 06 Dec 2021 19:52

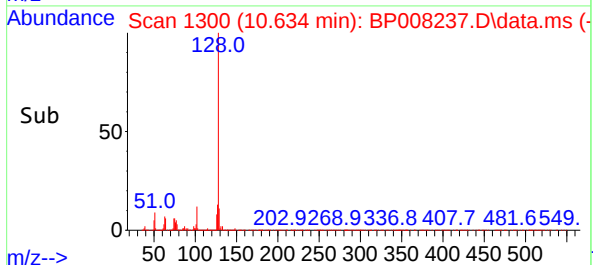
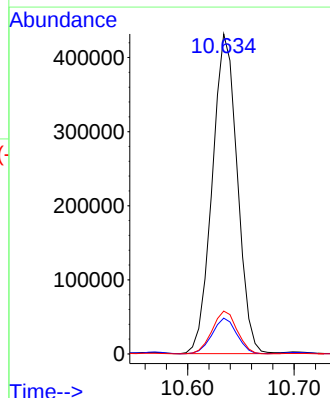
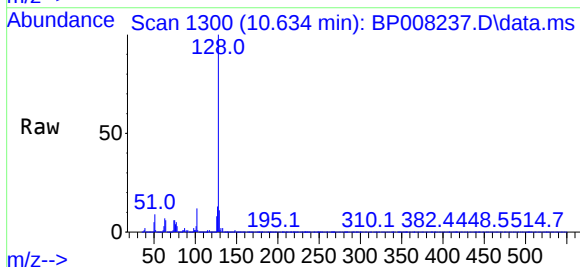
Tgt Ion: 128 Resp: 705336

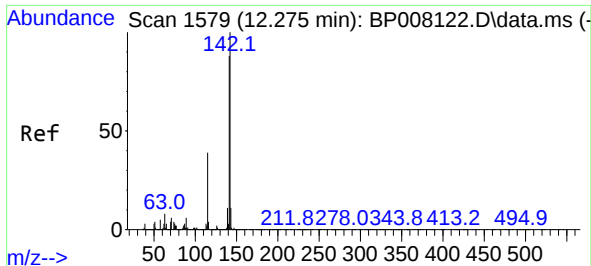
Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

127 13.4 10.9 16.3

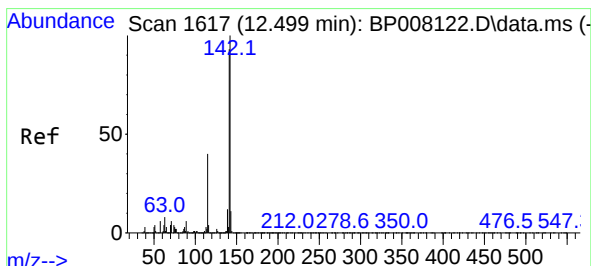
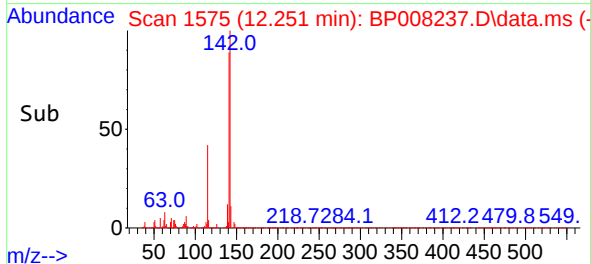
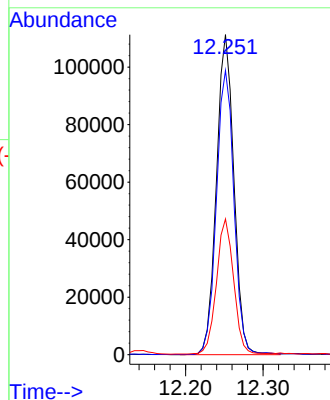
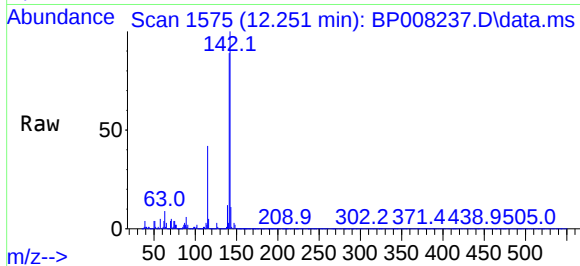




#37
2-Methylnaphthalene
Concen: 19.358 ng
RT: 12.251 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

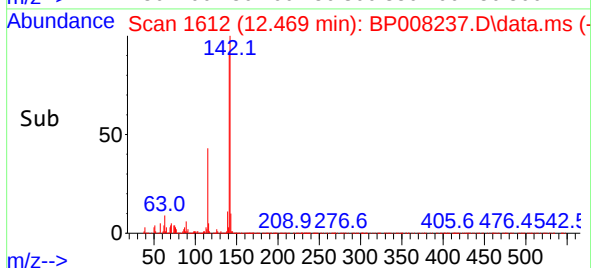
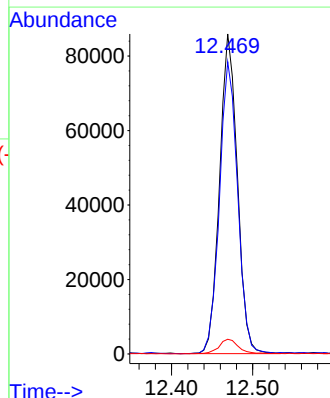
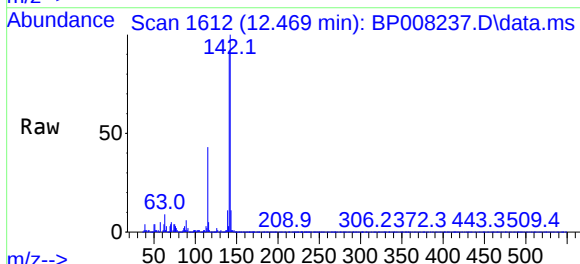
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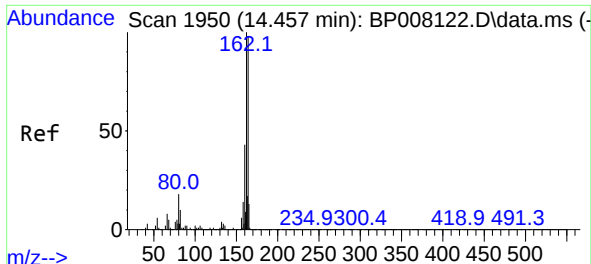
Tgt Ion:142 Resp: 173886
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1
115 42.4 30.9 46.3



#38
1-Methylnaphthalene
Concen: 14.958 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion:142 Resp: 130788
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4
116 4.6 3.4 5.2

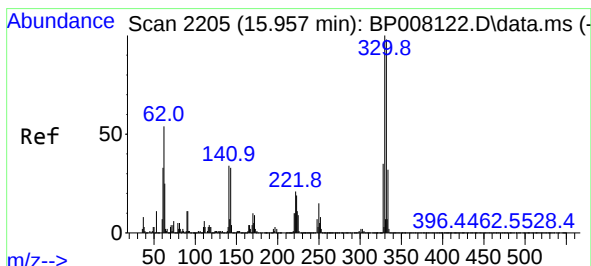
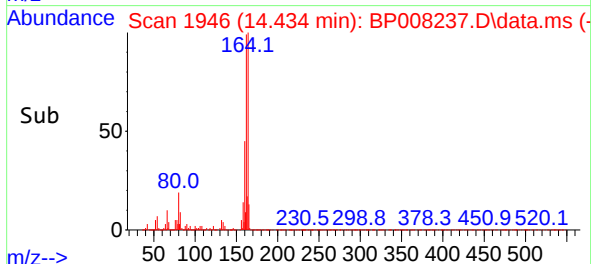
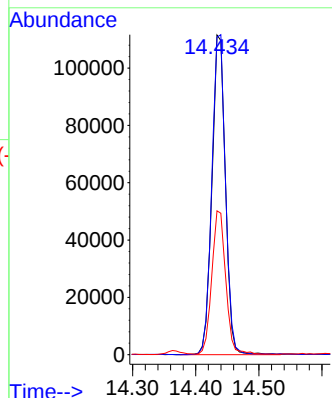
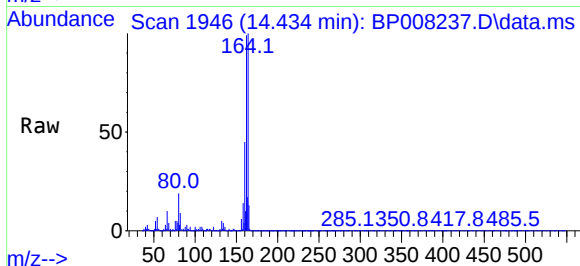




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

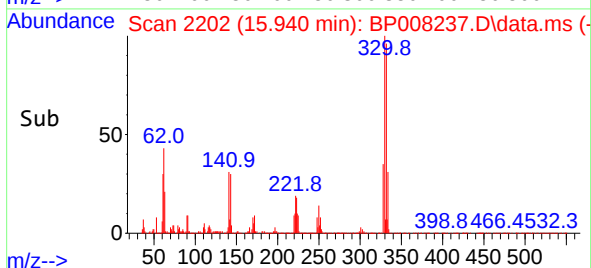
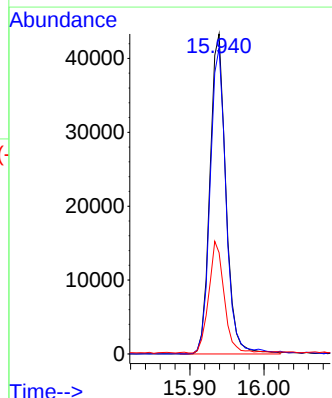
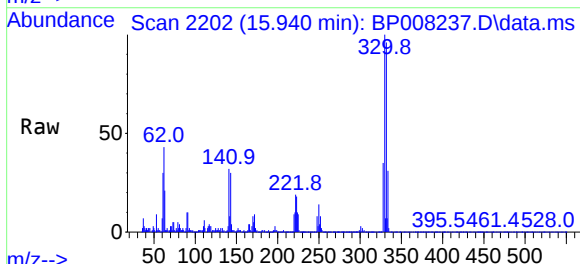
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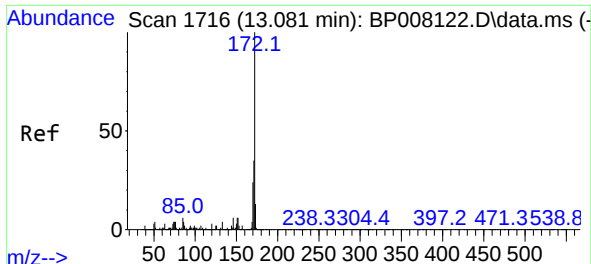
Tgt Ion:164 Resp: 164269
Ion Ratio Lower Upper
164 100
162 99.3 81.9 122.9
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 30.776 ng
RT: 15.940 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion:330 Resp: 64619
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 33.9 28.4 42.6

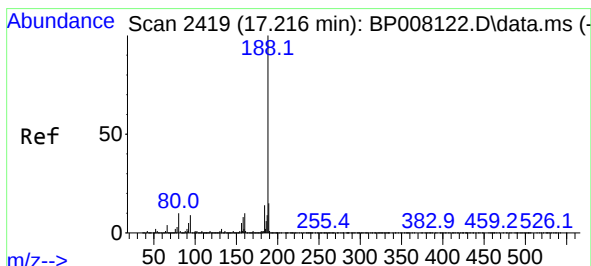
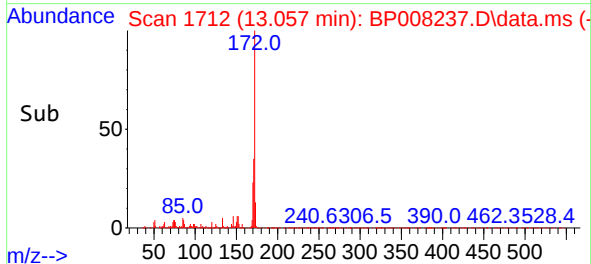
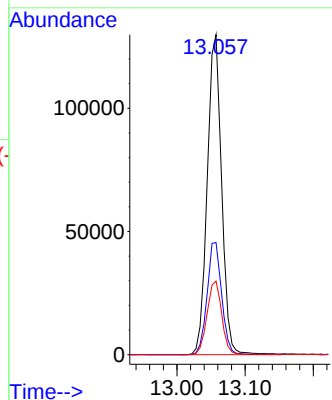
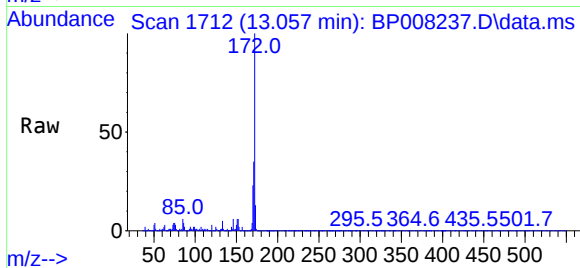




#45
2-Fluorobiphenyl
Concen: 16.853 ng
RT: 13.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

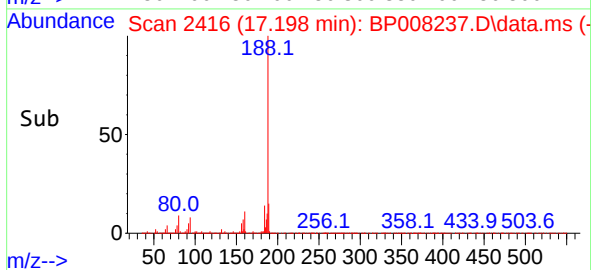
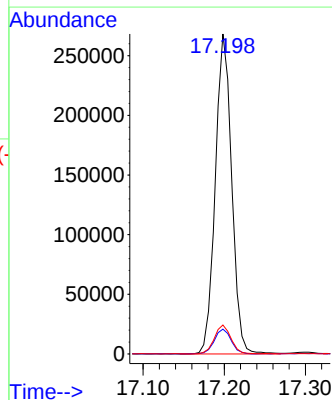
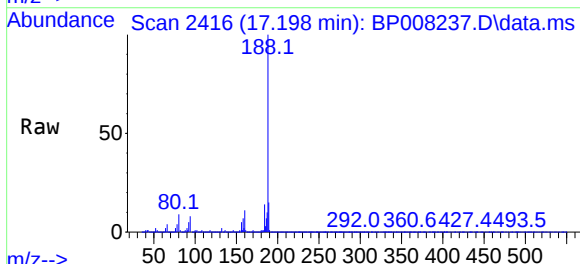
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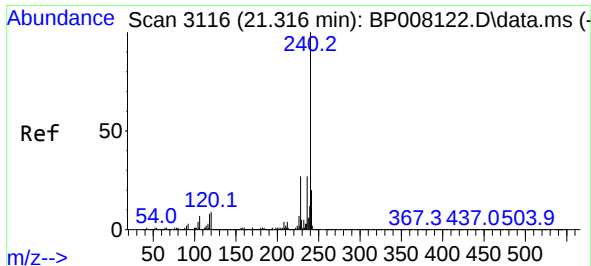
Tgt Ion:172 Resp: 190598
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.0 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion:188 Resp: 375727
Ion Ratio Lower Upper
188 100
94 7.7 7.2 10.8
80 9.0 8.2 12.4

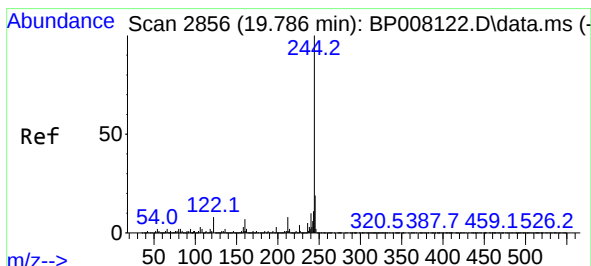
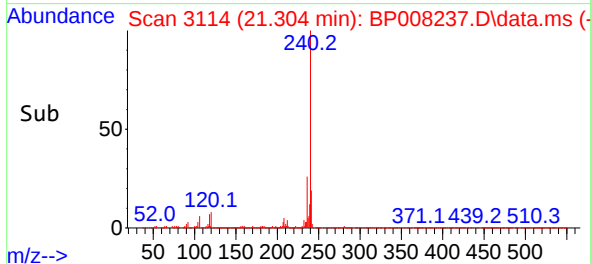
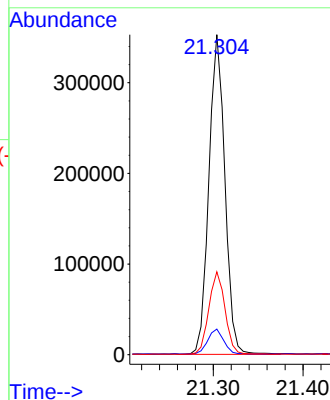
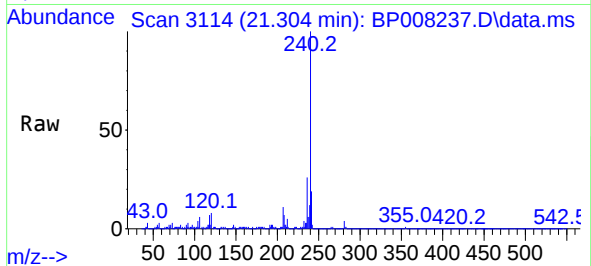




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

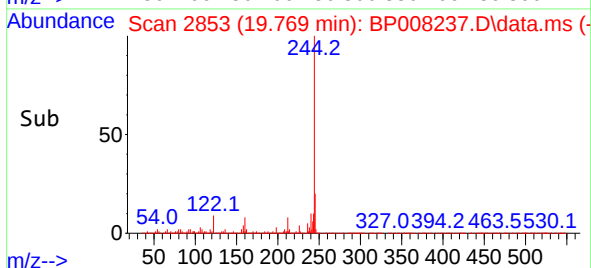
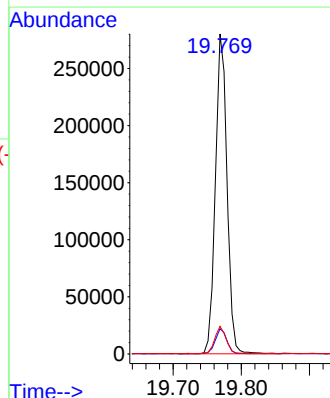
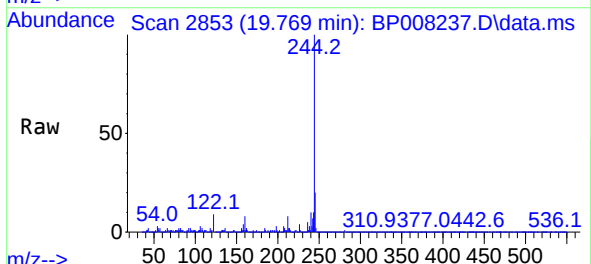
Instrument :
BNA_P
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MW-23DL

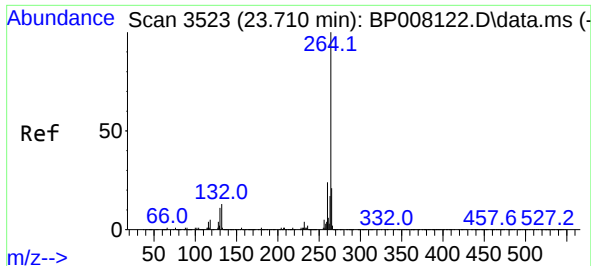
Tgt Ion:240 Resp: 436307
Ion Ratio Lower Upper
240 100
120 8.0 7.3 10.9
236 25.9 21.4 32.2



#79
Terphenyl-d14
Concen: 15.915 ng
RT: 19.769 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BP008237.D
Acq: 06 Dec 2021 19:52

Tgt Ion:244 Resp: 332260
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 8.7 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP008237.D
 Acq: 06 Dec 2021 19:52

Instrument :
 BNA_P
 ClientSampleId :
 MW-23DL

Tgt Ion:264 Resp: 489226

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.7	17.6	26.4

