

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010598.D
 Acq On : 28 May 2022 14:01
 Operator : CG/JU
 Sample : N3087-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-03

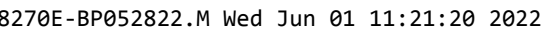
Quant Time: May 28 23:36:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

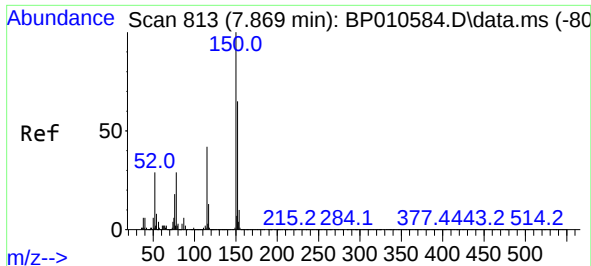
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	140723	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	579502	20.000	ng	0.00
39) Acenaphthene-d10	14.499	164	400515	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	850944	20.000	ng	0.00
76) Chrysene-d12	21.339	240	858819	20.000	ng	0.00
86) Perylene-d12	23.751	264	928228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	446824	57.925	ng	0.00
7) Phenol-d6	7.034	99	386128	35.260	ng	0.00
23) Nitrobenzene-d5	9.028	82	978361	79.819	ng	0.00
42) 2,4,6-Tribromophenol	15.993	330	673312	148.514	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2216983	78.560	ng	0.00
79) Terphenyl-d14	19.816	244	3895857	85.206	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	8.640	107	32078	3.070	ng	93
27) 2,4-Dimethylphenol	9.846	122	140189	19.544	ng	96
31) Naphthalene	10.722	128	5831518	191.019	ng	99
37) 2-Methylnaphthalene	12.322	142	598566	28.099	ng	98
38) 1-Methylnaphthalene	12.546	142	541318	26.021	ng	99
73) Carbazole	17.663	167	101011	2.660	ng	96
90) Benzo(a)pyrene	23.645	252	106138	2.196	ng	# 95

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

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Response via : Initial Calibration

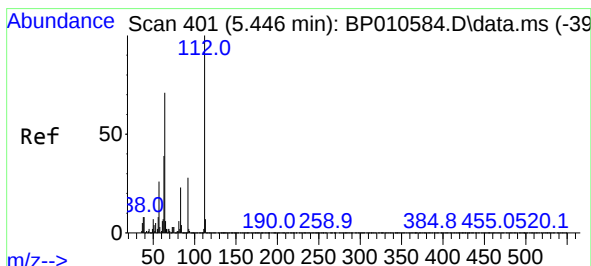
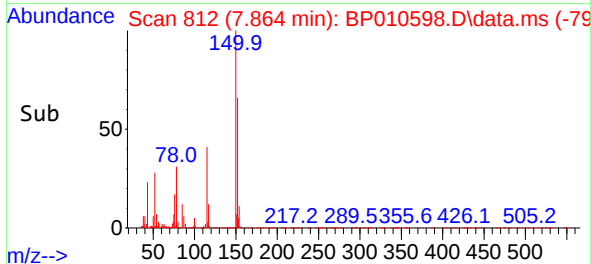
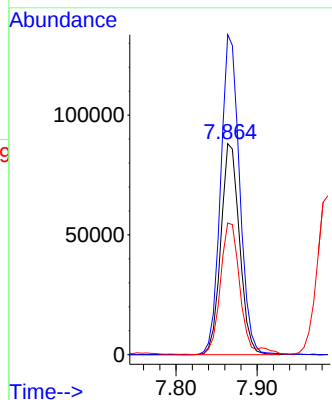
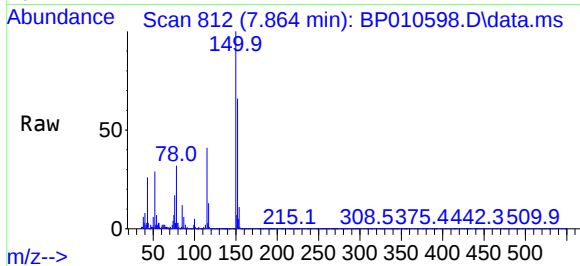




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. -0.005 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

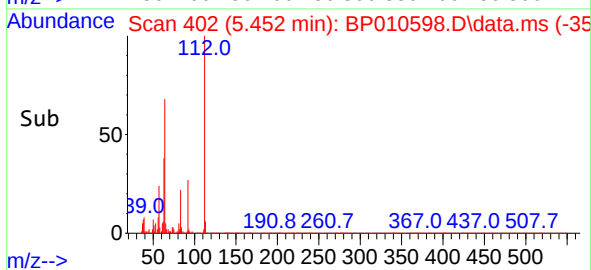
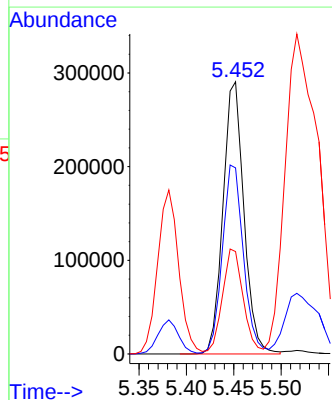
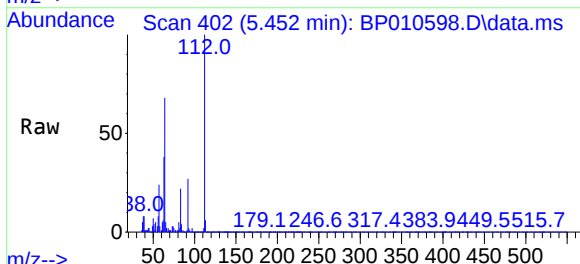
Instrument :
BNA_P
ClientSampleId :
MW-03

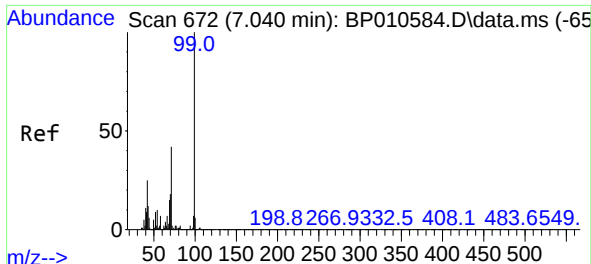
Tgt Ion:152 Resp: 140723
Ion Ratio Lower Upper
152 100
150 151.7 123.4 185.2
115 62.4 51.3 76.9



#5
2-Fluorophenol
Concen: 57.925 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:112 Resp: 446824
Ion Ratio Lower Upper
112 100
64 68.4 56.9 85.3
63 37.6 31.2 46.8

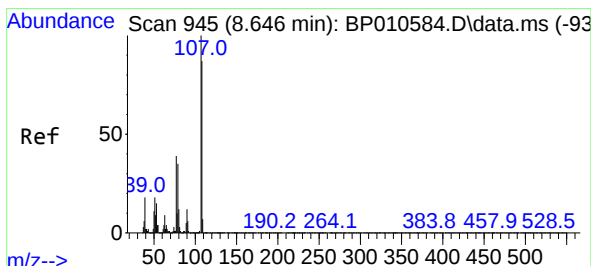
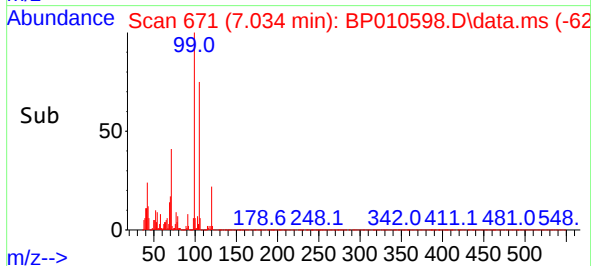
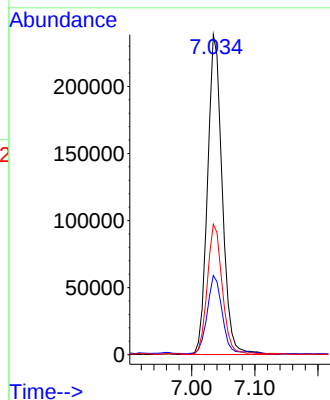
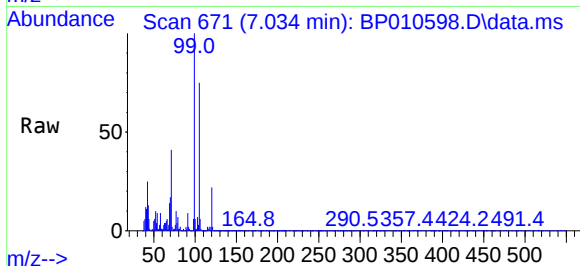




#7
Phenol-d6
Concen: 35.260 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

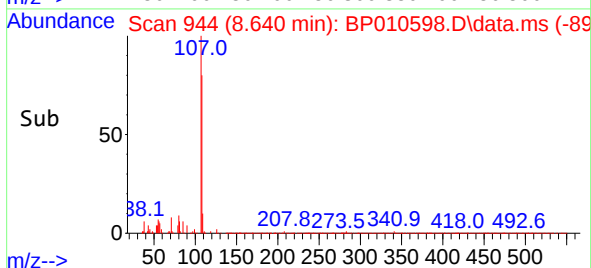
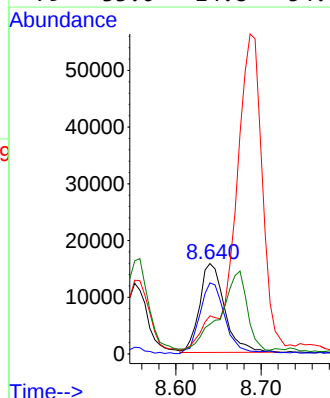
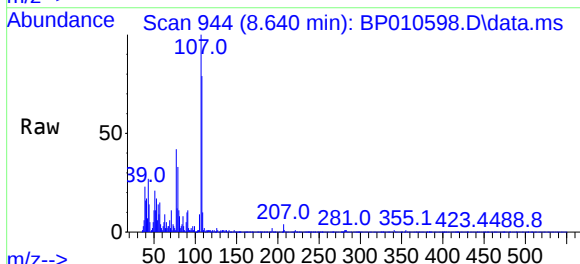
Instrument :
BNA_P
ClientSampleId :
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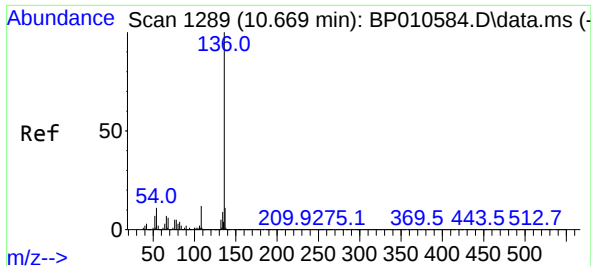
Tgt Ion: 99 Resp: 386128
Ion Ratio Lower Upper
99 100
42 24.8 20.3 30.5
71 40.8 33.9 50.9



#20
3+4-Methylphenols
Concen: 3.070 ng
RT: 8.640 min Scan# 944
Delta R.T. -0.006 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion: 107 Resp: 32078
Ion Ratio Lower Upper
107 100
108 78.6 67.1 107.1
77 42.1 19.2 59.2
79 33.0 14.8 54.8

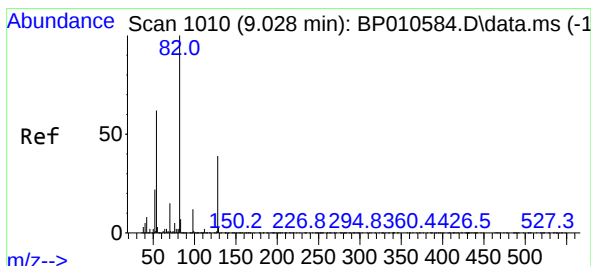
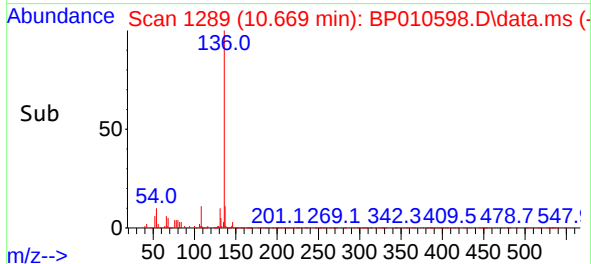
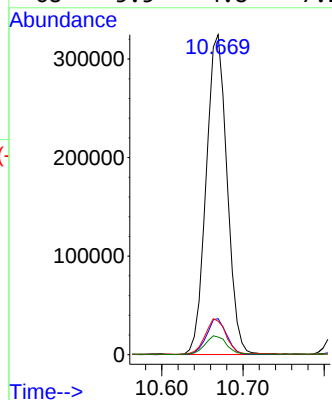
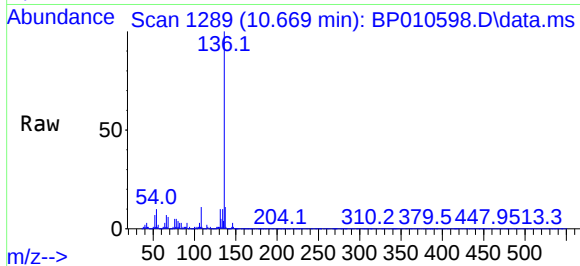




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

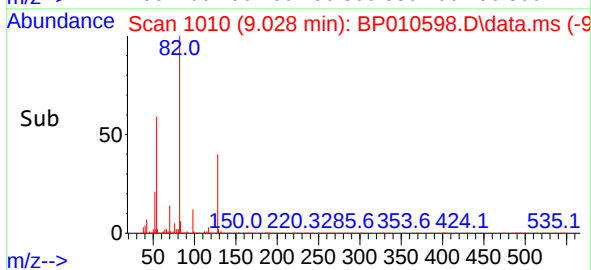
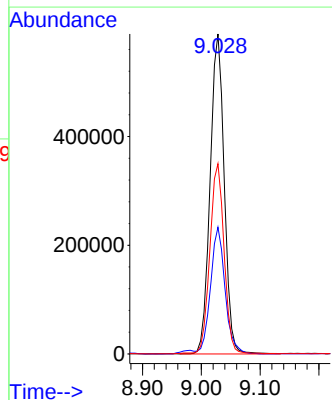
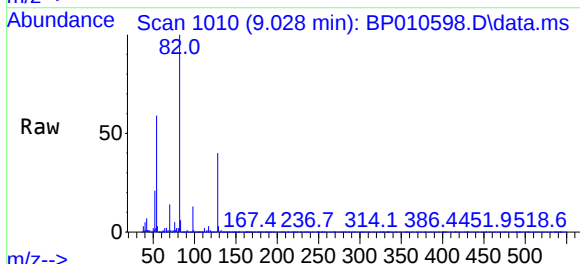
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ClientSampleId :
MW-03

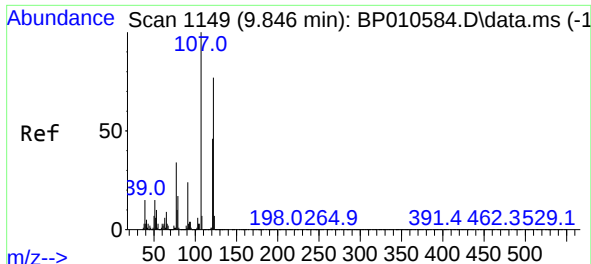
Tgt Ion:	136	Resp:	579502
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	10.5	8.7	13.1
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 79.819 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:	82	Resp:	978361
Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.3	46.9
54	59.4	49.8	74.8

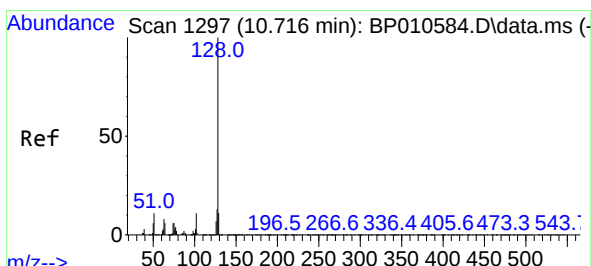
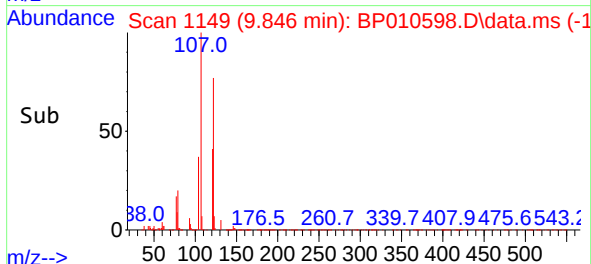
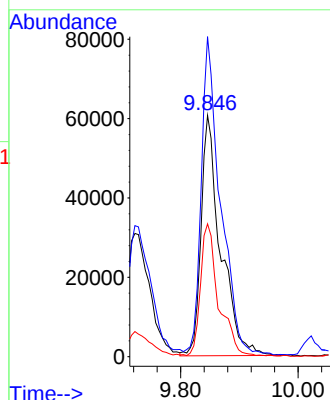
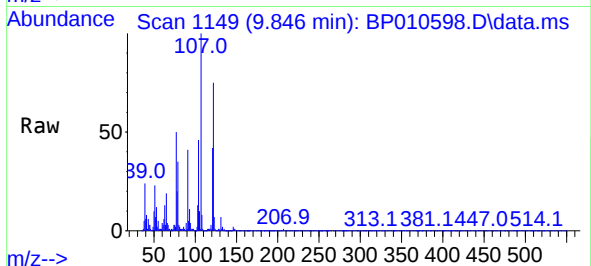




#27
2,4-Dimethylphenol
Concen: 19.544 ng
RT: 9.846 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

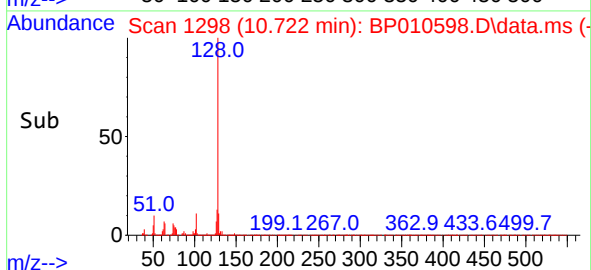
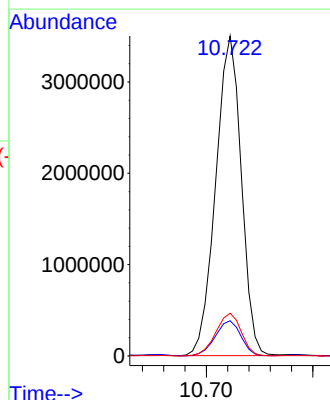
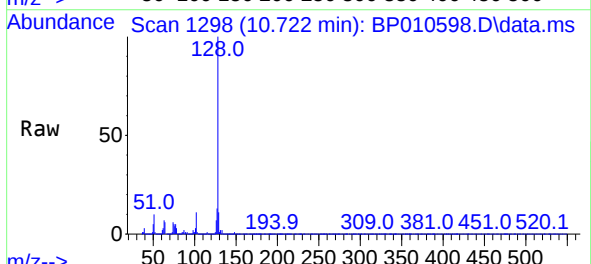
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BNA_P
ClientSampleId :
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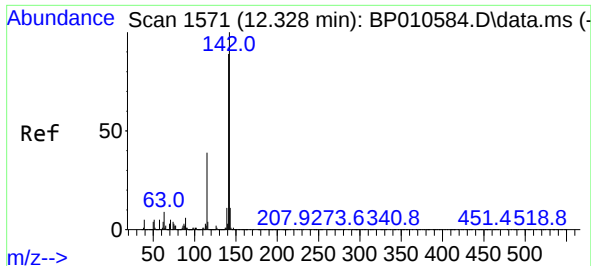
Tgt Ion:122 Resp: 140189
Ion Ratio Lower Upper
122 100
107 132.6 103.5 155.3
121 55.1 47.5 71.3



#31
Naphthalene
Concen: 191.019 ng
RT: 10.722 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:128 Resp: 5831518
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.3 10.3 15.5

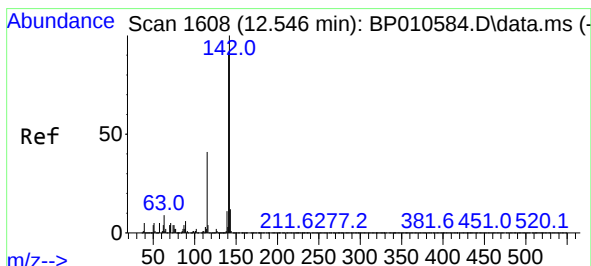
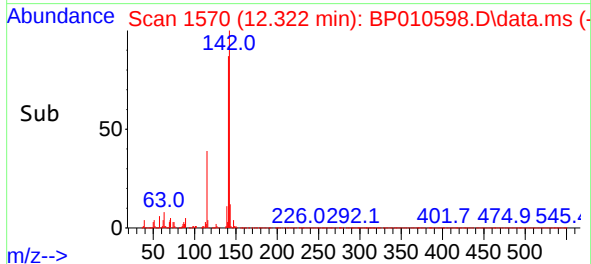
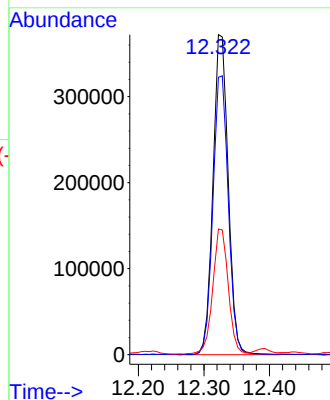
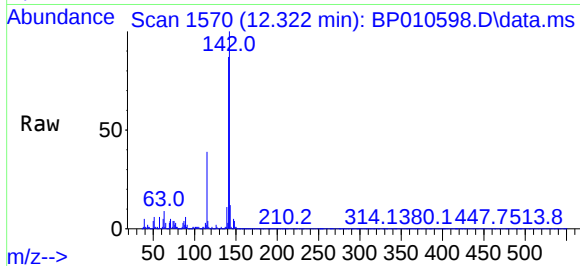




#37
2-Methylnaphthalene
Concen: 28.099 ng
RT: 12.322 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

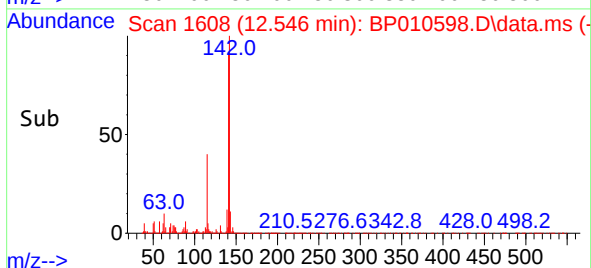
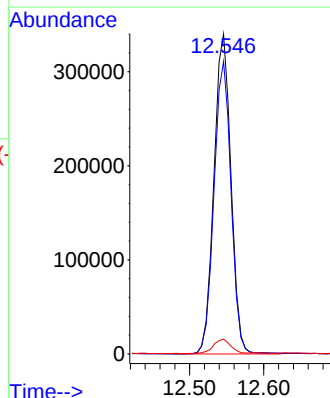
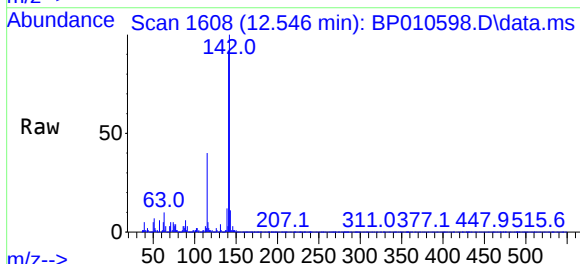
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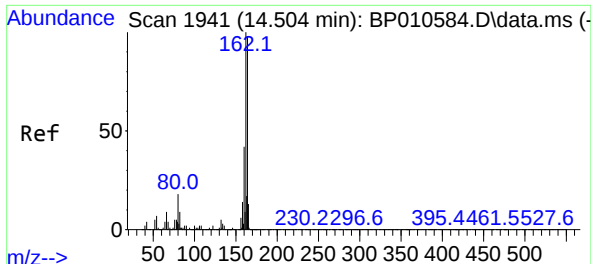
Tgt Ion:142 Resp: 598566
Ion Ratio Lower Upper
142 100
141 86.7 71.3 106.9
115 39.2 31.4 47.2



#38
1-Methylnaphthalene
Concen: 26.021 ng
RT: 12.546 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:142 Resp: 541318
Ion Ratio Lower Upper
142 100
141 91.4 72.6 108.8
116 4.6 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.499 min Scan# 1940

Delta R.T. -0.005 min

Lab File: BP010598.D

Acq: 28 May 2022 14:01

Instrument :

BNA_P

ClientSampleId :

MW-03

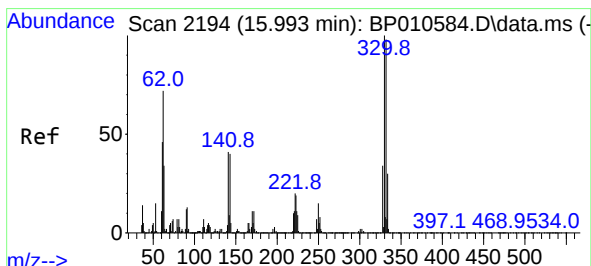
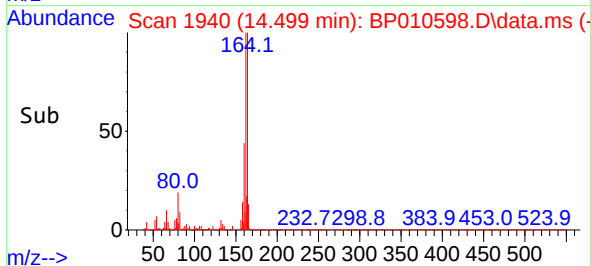
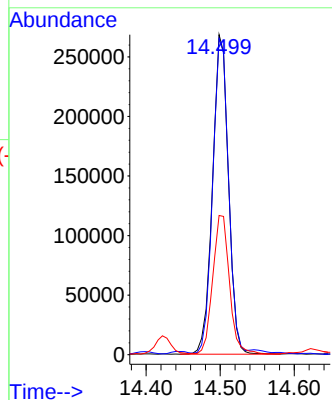
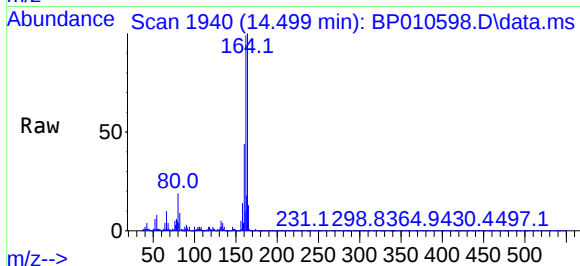
Tgt Ion:164 Resp: 400515

Ion Ratio Lower Upper

164 100

162 98.8 81.9 122.9

160 43.5 34.6 51.8



#42

2,4,6-Tribromophenol

Concen: 148.514 ng

RT: 15.993 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BP010598.D

Acq: 28 May 2022 14:01

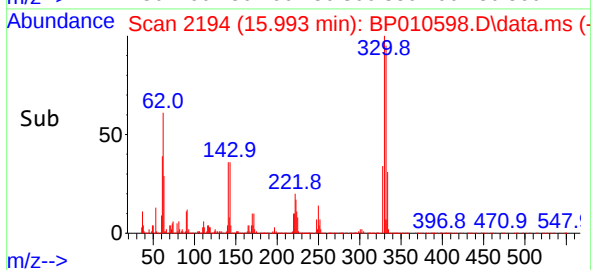
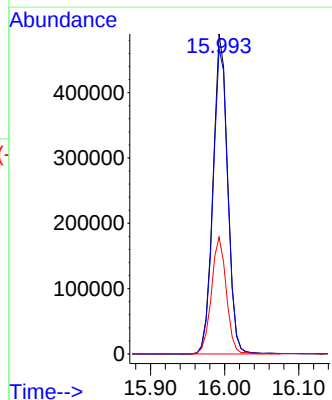
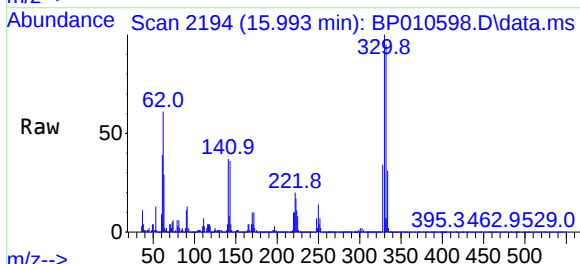
Tgt Ion:330 Resp: 673312

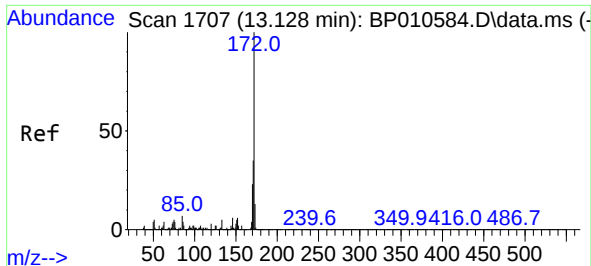
Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 36.8 31.4 47.2

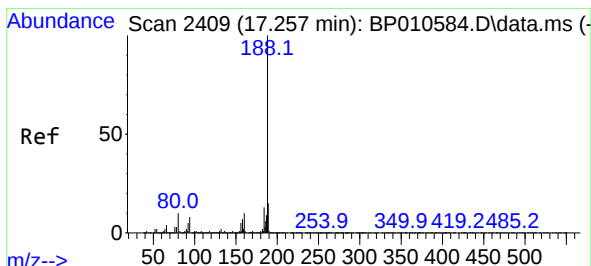
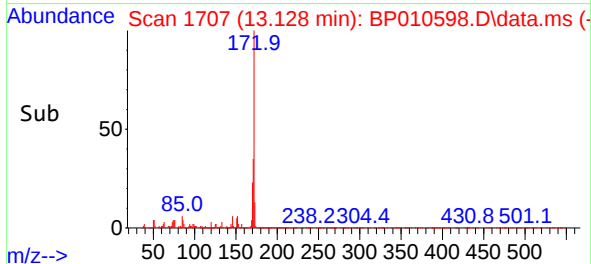
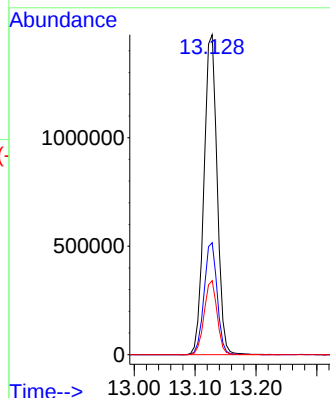
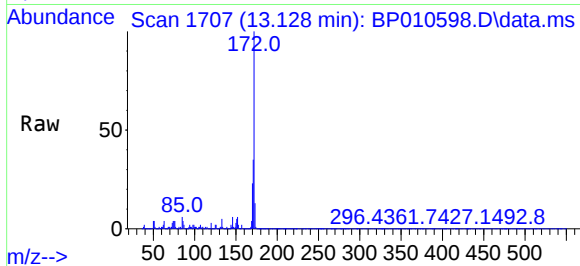




#45
2-Fluorobiphenyl
Concen: 78.560 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

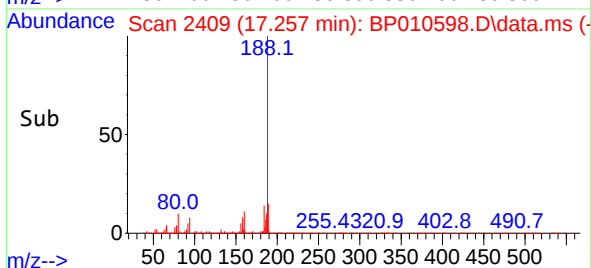
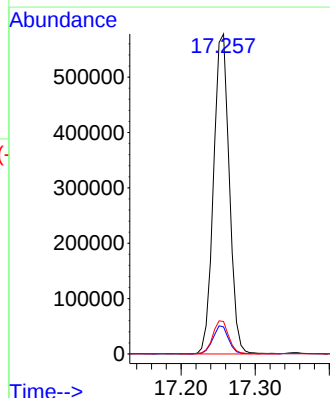
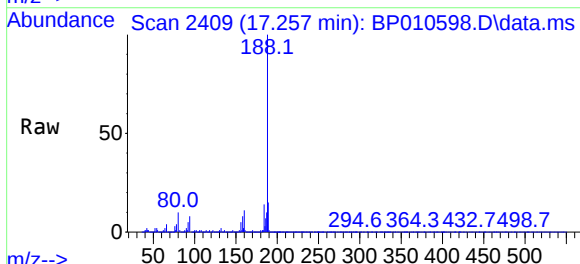
Instrument :
BNA_P
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MW-03

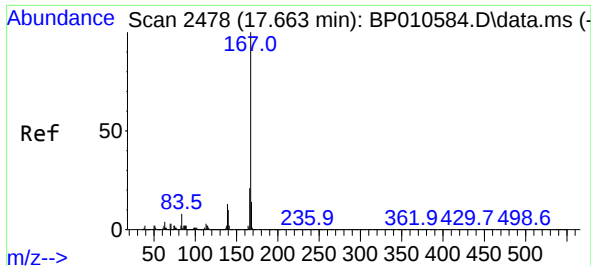
Tgt Ion:172 Resp: 2216983
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.2 18.2 27.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BP010598.D
Acq: 28 May 2022 14:01

Tgt Ion:188 Resp: 850944
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 10.1 8.0 12.0



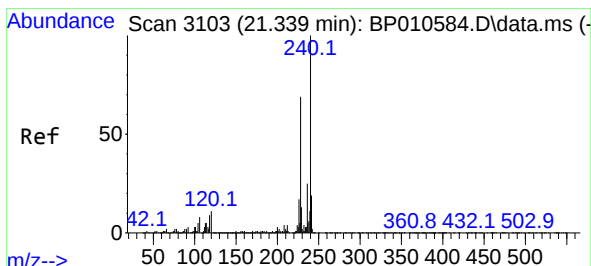
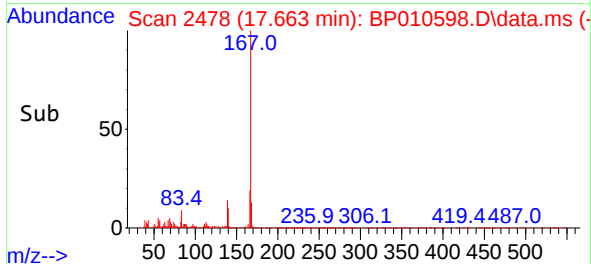
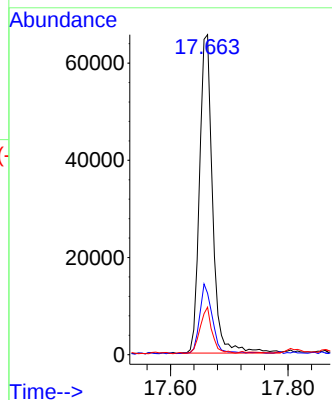
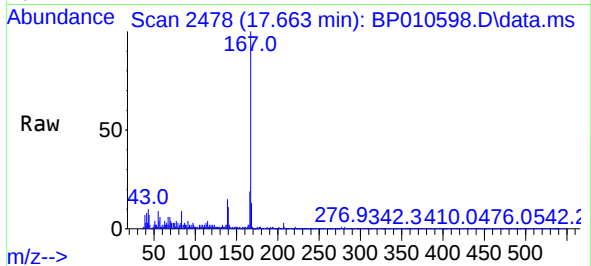


#73
 Carbazole
 Concen: 2.660 ng
 RT: 17.663 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BP010598.D
 Acq: 28 May 2022 14:01

Instrument :
 BNA_P
 ClientSampleId :
 MW-03

Tgt Ion:167 Resp: 101011

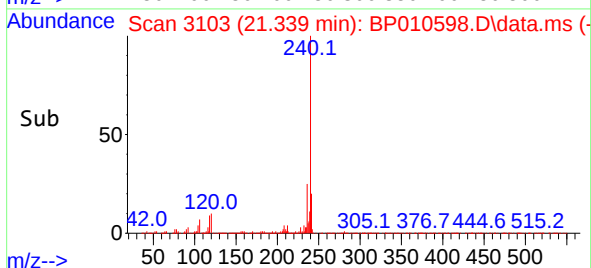
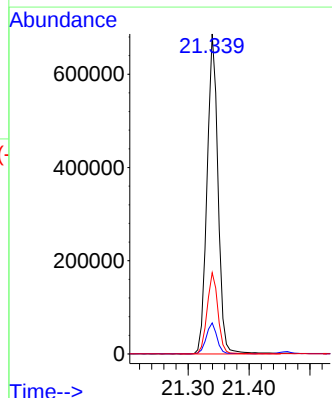
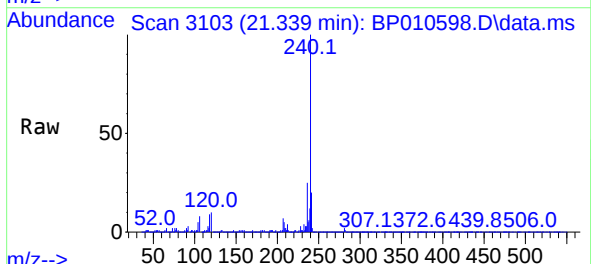
Ion	Ratio	Lower	Upper
167	100		
166	19.2	16.9	25.3
139	14.9	10.6	15.8

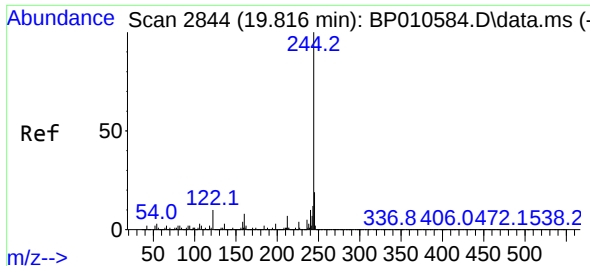


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.339 min Scan# 3103
 Delta R.T. 0.000 min
 Lab File: BP010598.D
 Acq: 28 May 2022 14:01

Tgt Ion:240 Resp: 858819

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.6	12.8
236	25.4	19.8	29.6

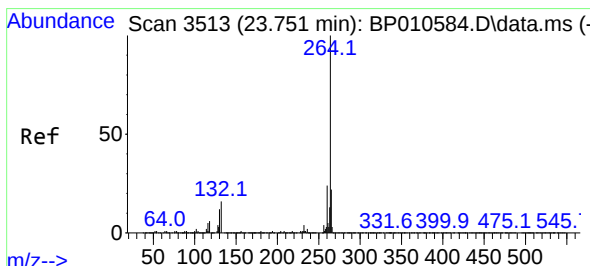
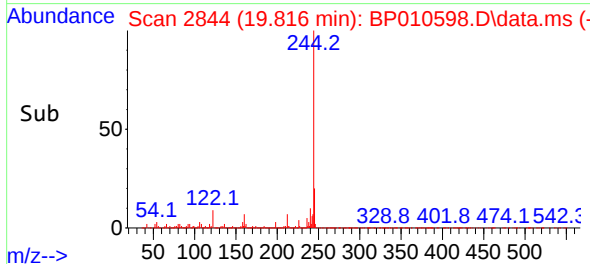
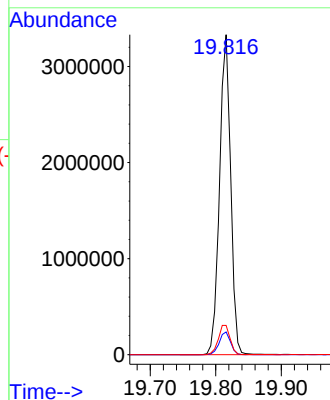
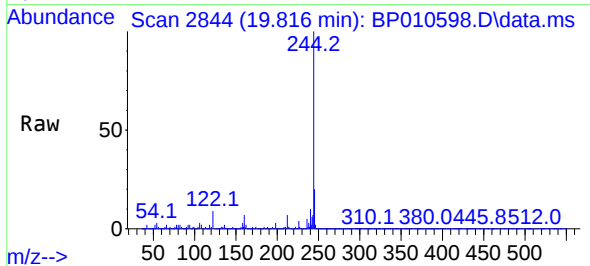




#79
 Terphenyl-d14
 Concen: 85.206 ng
 RT: 19.816 min Scan# 2844
 Delta R.T. -0.000 min
 Lab File: BP010598.D
 Acq: 28 May 2022 14:01

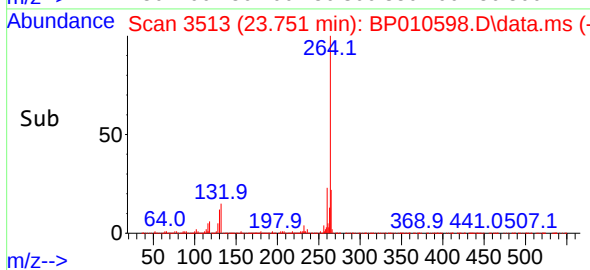
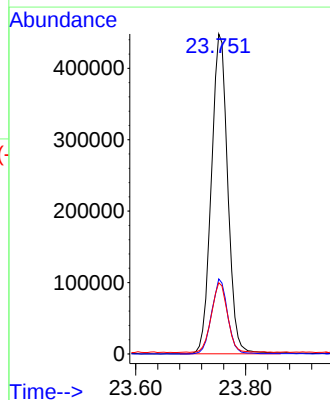
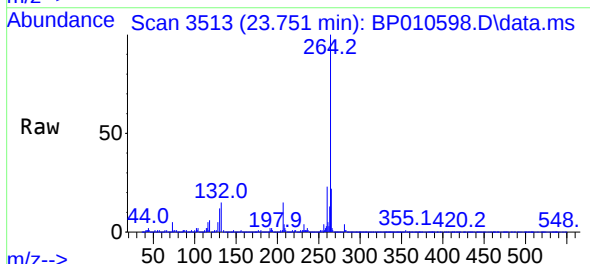
Instrument :
 BNA_P
 ClientSampleId :
 MW-03

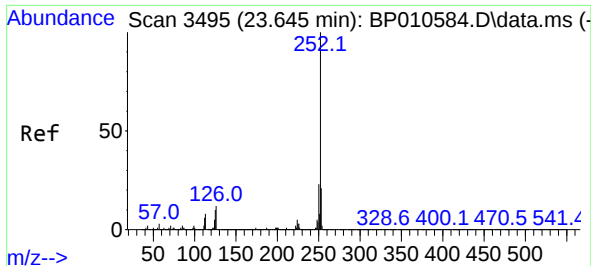
Tgt Ion:244 Resp: 3895857
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.2 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.751 min Scan# 3513
 Delta R.T. 0.000 min
 Lab File: BP010598.D
 Acq: 28 May 2022 14:01

Tgt Ion:264 Resp: 928228
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 22.3 18.0 27.0





#90

Benzo(a)pyrene

Concen: 2.196 ng

RT: 23.645 min Scan# 34

Delta R.T. 0.000 min

Lab File: BP010598.D

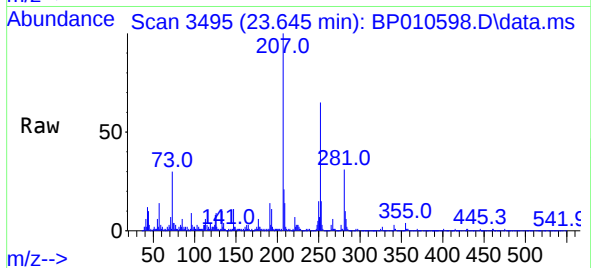
Acq: 28 May 2022 14:01

Instrument :

BNA_P

ClientSampleId :

MW-03



Tgt Ion:252 Resp: 106138

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

125 12.9 7.9 11.9#

