

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
 Data File : BP008058.D
 Acq On : 20 Nov 2021 15:27
 Operator : CG/JU
 Sample : M4724-28
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T-132-2

Quant Time: Nov 22 05:31:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

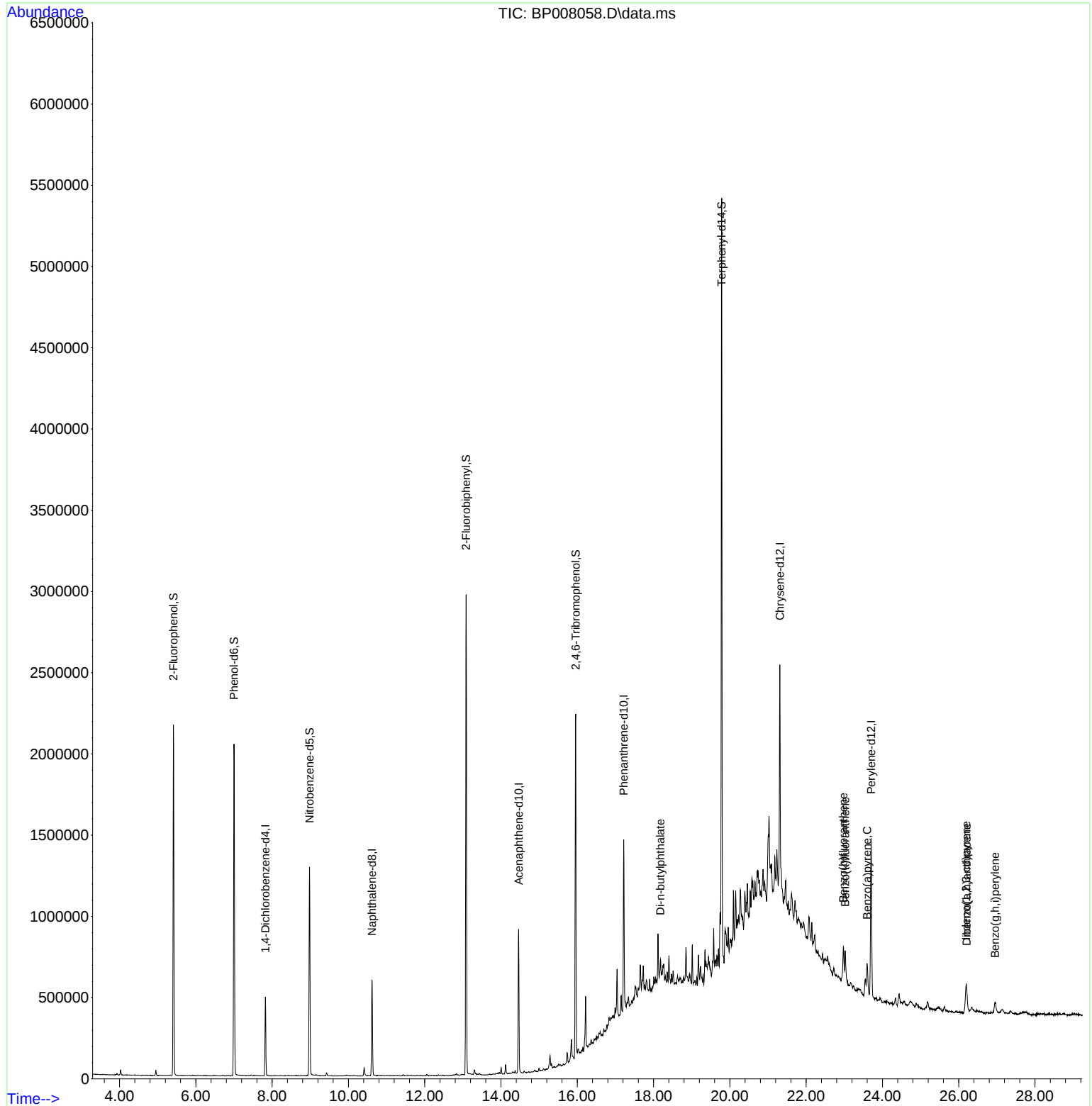
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	121430	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	466552	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	307377	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	640603	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	652115	20.000	ng	-0.01
86) Perylene-d12	23.704	264	740040	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	846921	119.213	ng	0.00
7) Phenol-d6	6.999	99	1120372	113.769	ng	-0.01
23) Nitrobenzene-d5	8.981	82	745699	72.508	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	389224	100.059	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1521388	77.503	ng	0.00
79) Terphenyl-d14	19.786	244	2334917	70.396	ng	-0.01
Target Compounds						
						Qvalue
74) Di-n-butylphthalate	18.181	149	101059	2.672	ng	96
87) Indeno(1,2,3-cd)pyrene	26.198	276	149840	2.918	ng	99
88) Benzo(b)fluoranthene	22.974	252	150013	3.242	ng	# 98
89) Benzo(k)fluoranthene	23.021	252	157681	3.425	ng	# 95
90) Benzo(a)pyrene	23.598	252	154945	3.996	ng	# 97
91) Dibenzo(a,h)anthracene	26.210	278	103499	2.421	ng	# 94
92) Benzo(g,h,i)perylene	26.951	276	103441	2.470	ng	98

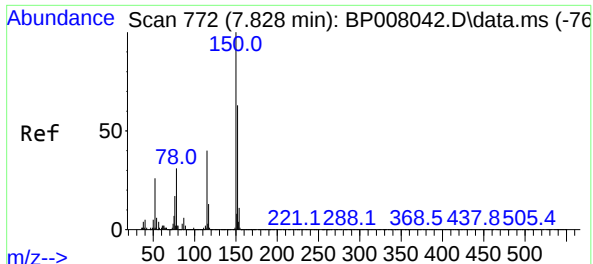
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
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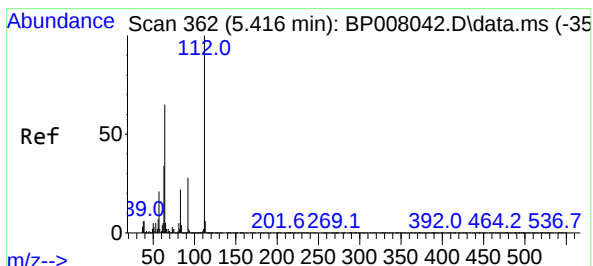
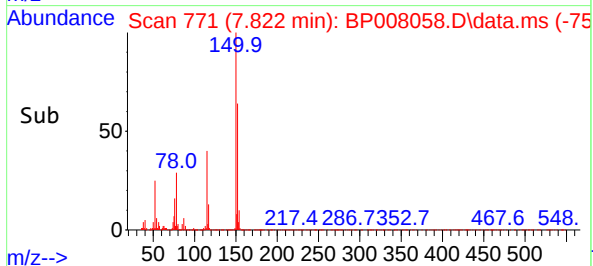
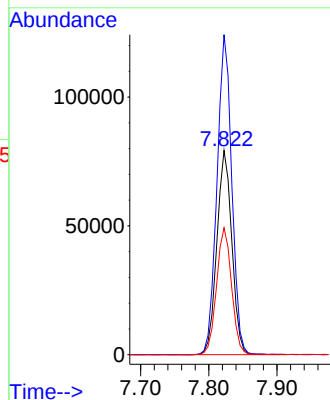
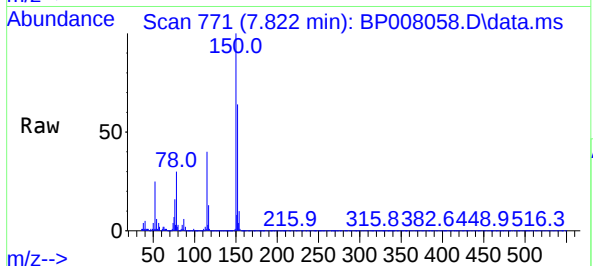




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

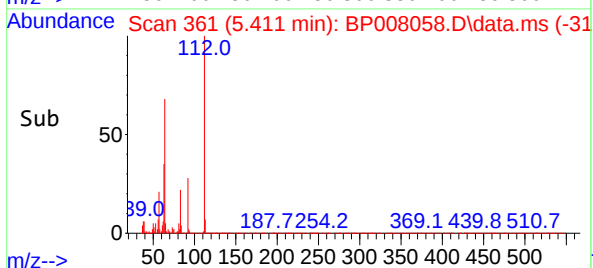
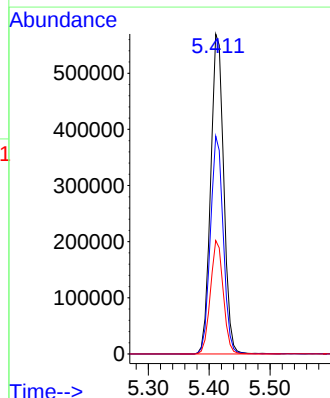
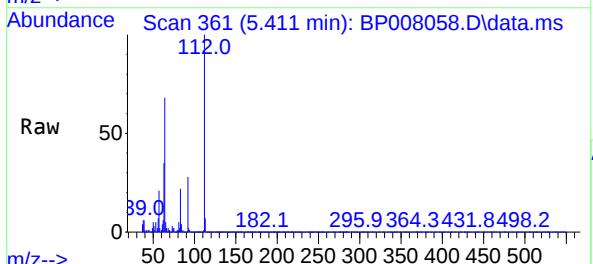
Instrument :
BNA_P
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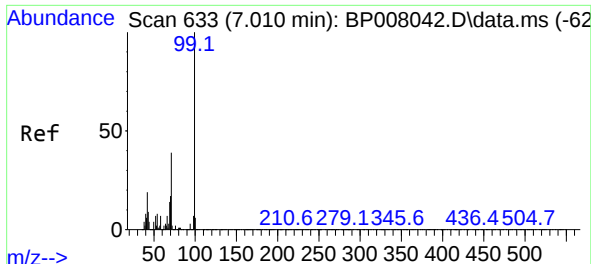
Tgt Ion:152 Resp: 121430
Ion Ratio Lower Upper
152 100
150 156.7 126.5 189.7
115 62.1 50.6 75.8



#5
2-Fluorophenol
Concen: 119.213 ng
RT: 5.411 min Scan# 361
Delta R.T. -0.005 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

Tgt Ion:112 Resp: 846921
Ion Ratio Lower Upper
112 100
64 68.1 51.7 77.5
63 35.5 27.4 41.0

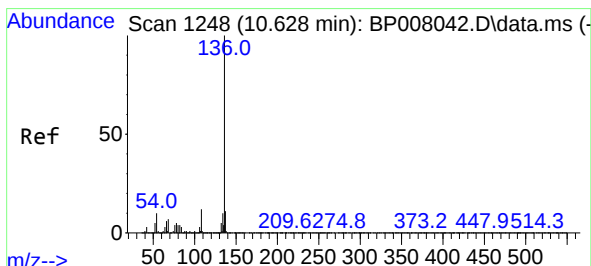
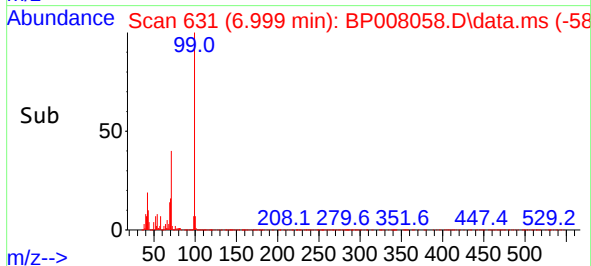
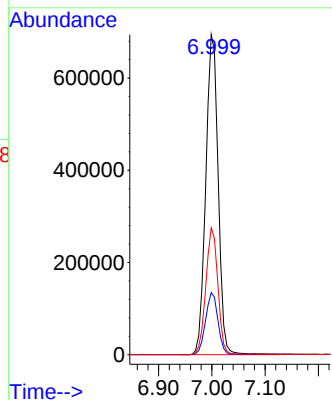
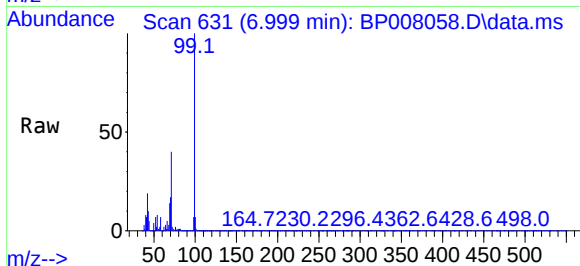




#7
Phenol-d6
Concen: 113.769 ng
RT: 6.999 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

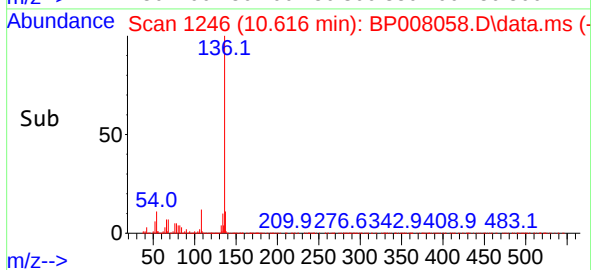
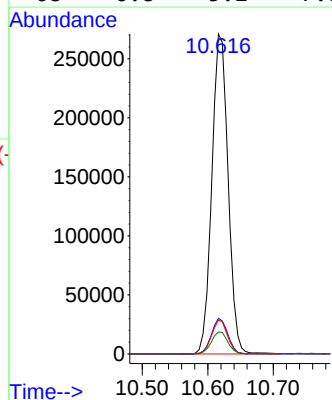
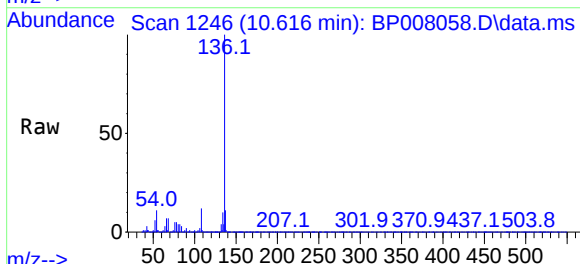
Instrument :
BNA_P
ClientSampleId :
T-132-2

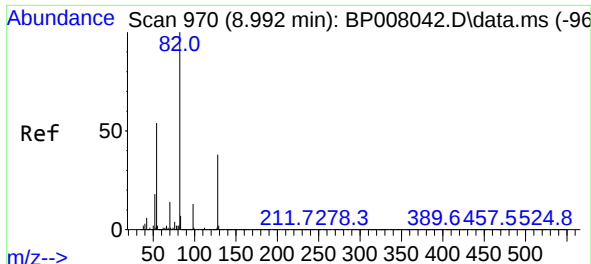
Tgt Ion: 99 Resp: 1120372
Ion Ratio Lower Upper
99 100
42 19.4 15.4 23.2
71 39.6 31.0 46.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

Tgt Ion: 136 Resp: 466552
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.6 8.0 12.0
68 6.8 5.2 7.8

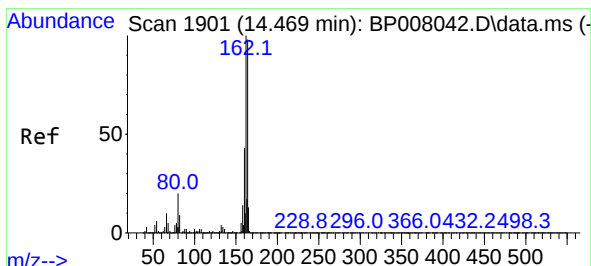
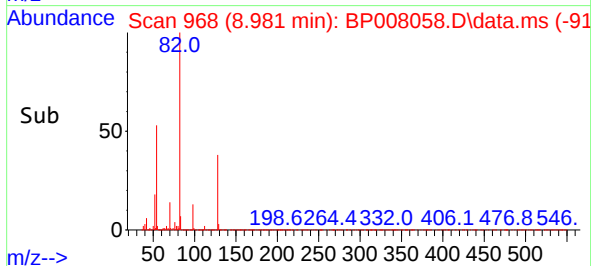
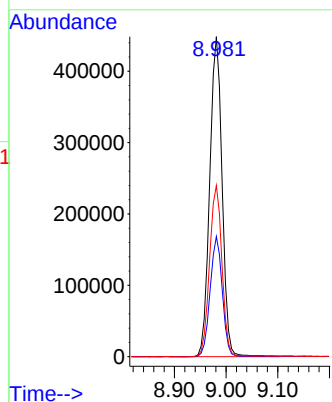
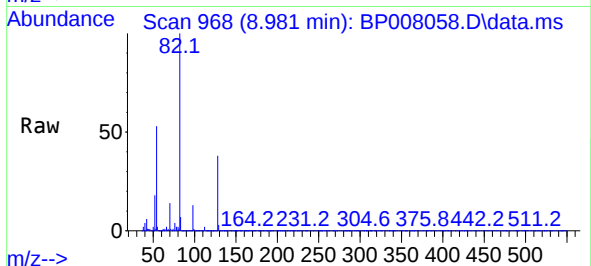




#23
Nitrobenzene-d5
Concen: 72.508 ng
RT: 8.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

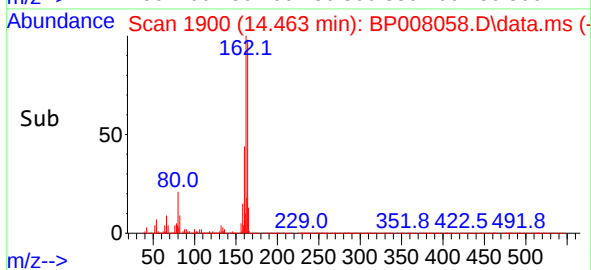
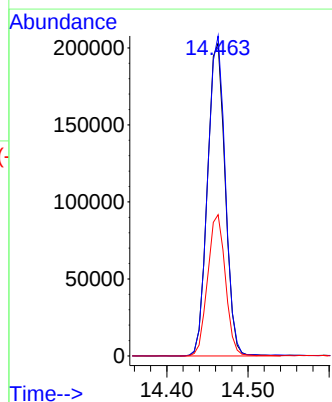
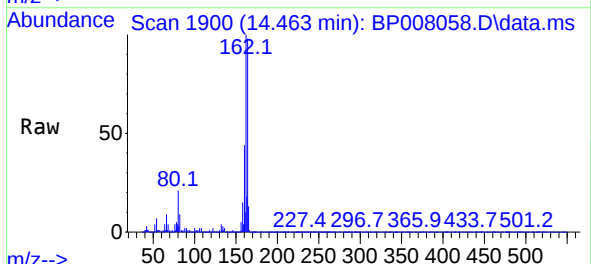
Instrument :
BNA_P
ClientSampleId :
T-132-2

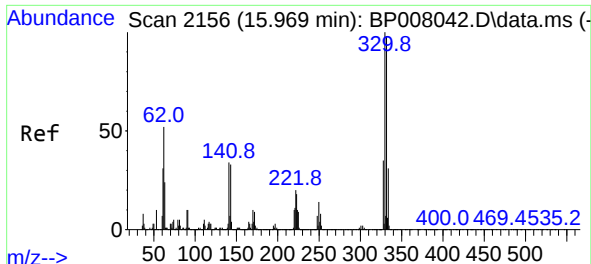
Tgt Ion: 82 Resp: 745699
Ion Ratio Lower Upper
82 100
128 37.5 30.2 45.2
54 53.5 43.1 64.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

Tgt Ion: 164 Resp: 307377
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.8
160 45.2 35.1 52.7

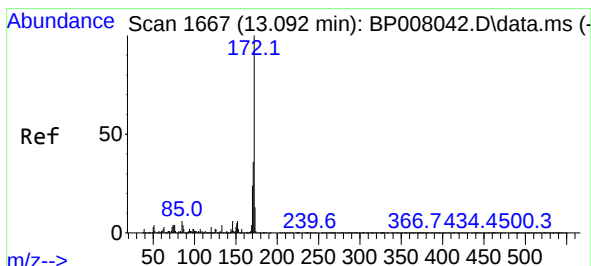
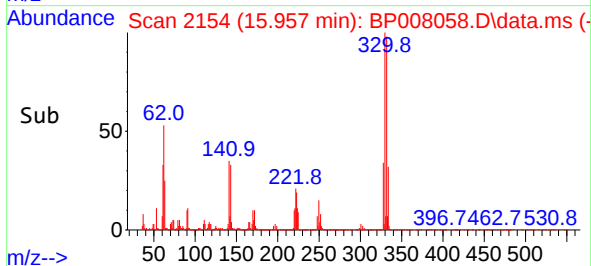
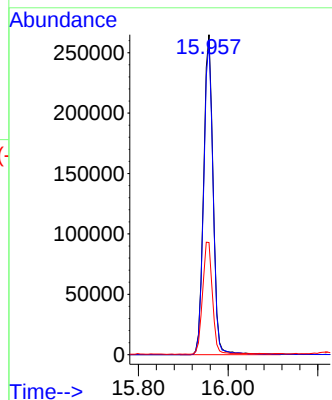
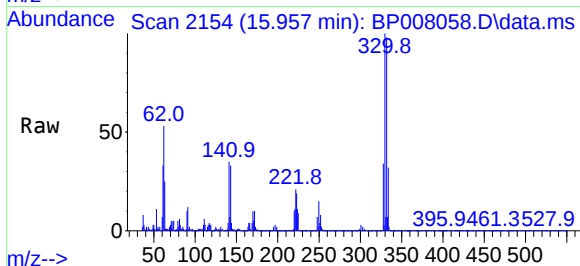




#42
2,4,6-Tribromophenol
Concen: 100.059 ng
RT: 15.957 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

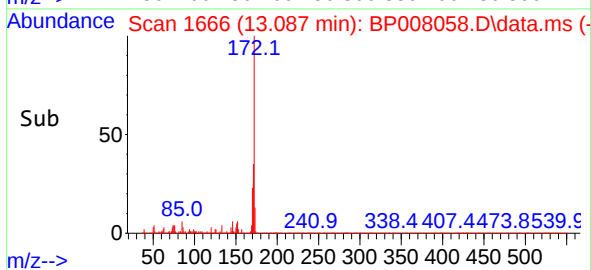
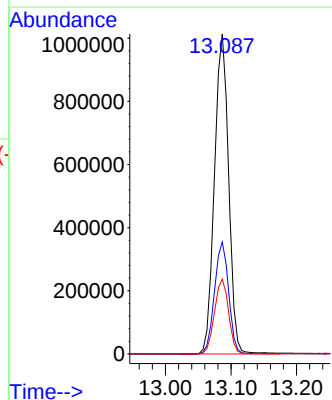
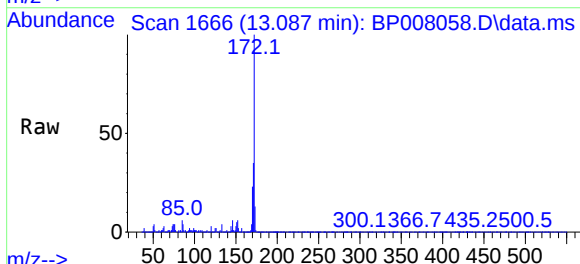
Instrument :
BNA_P
ClientSampleId :
T-132-2

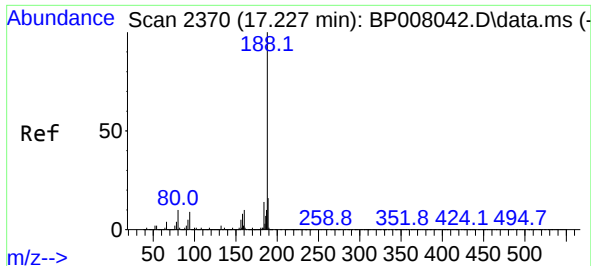
Tgt Ion:330 Resp: 389224
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 35.9 29.6 44.4



#45
2-Fluorobiphenyl
Concen: 77.503 ng
RT: 13.087 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

Tgt Ion:172 Resp: 1521388
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.4 19.0 28.4

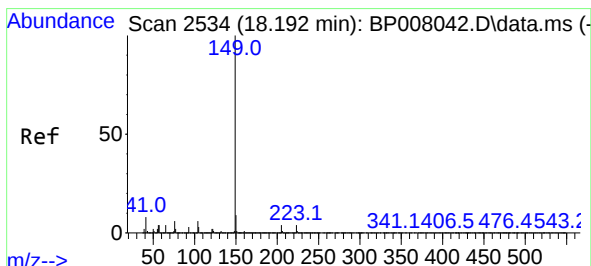
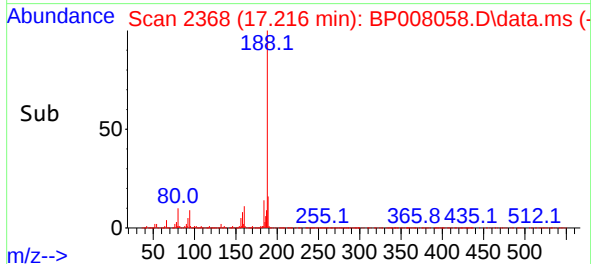
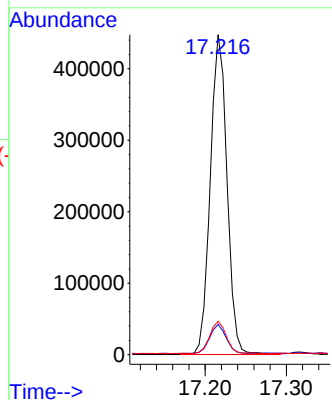
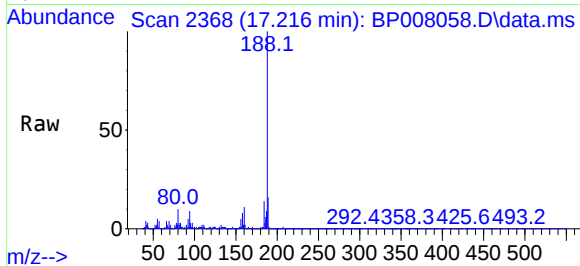




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

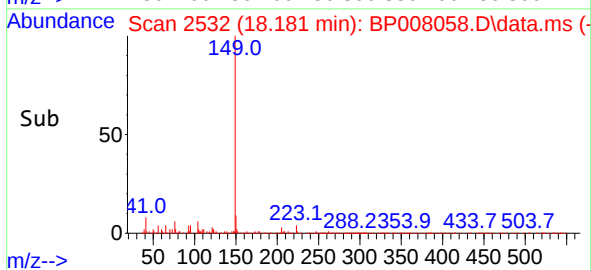
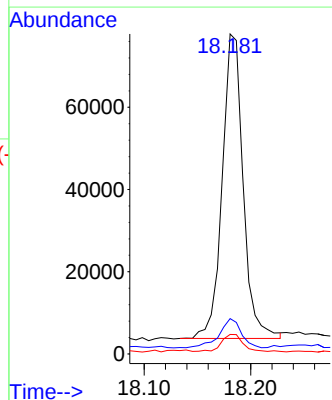
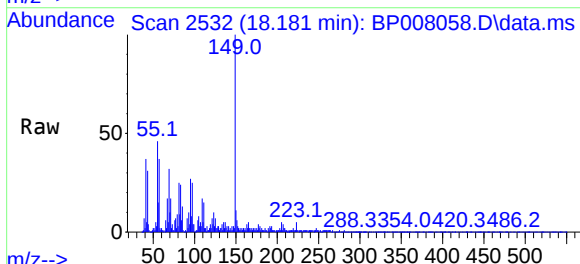
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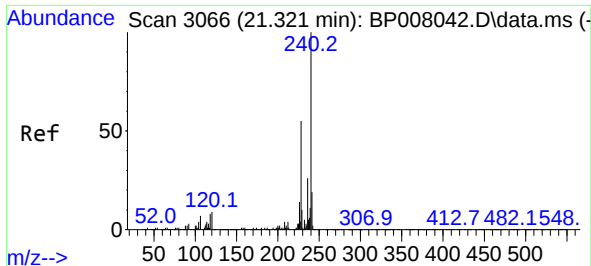
Tgt Ion:188 Resp: 640603
Ion Ratio Lower Upper
188 100
94 9.5 7.1 10.7
80 10.4 8.1 12.1



#74
Di-n-butylphthalate
Concen: 2.672 ng
RT: 18.181 min Scan# 2532
Delta R.T. -0.011 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

Tgt Ion:149 Resp: 101059
Ion Ratio Lower Upper
149 100
150 11.0 7.4 11.2
104 6.1 4.5 6.7

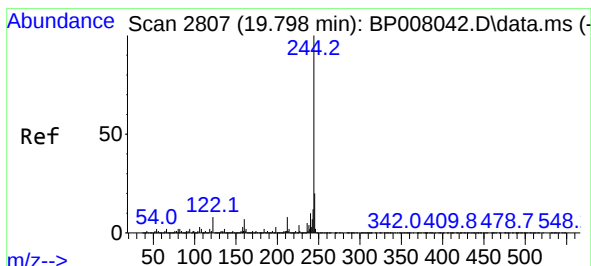
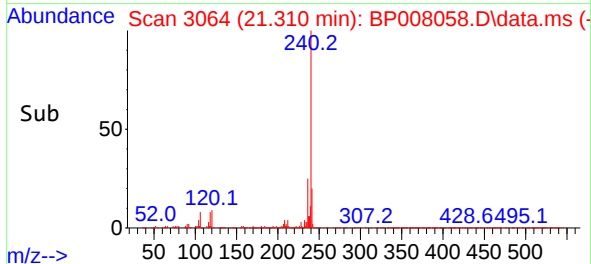
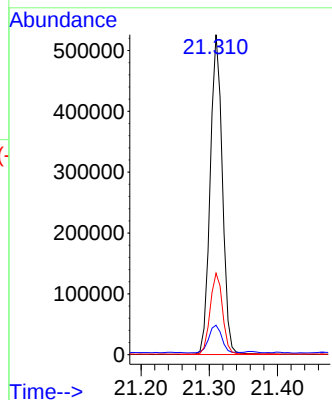
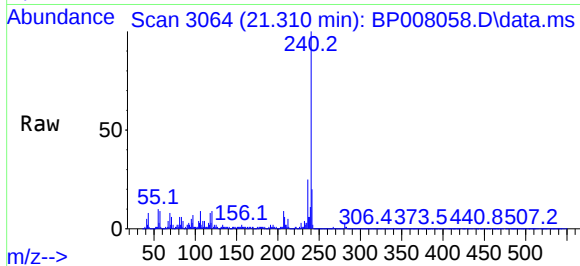




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3066
Delta R.T. -0.011 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

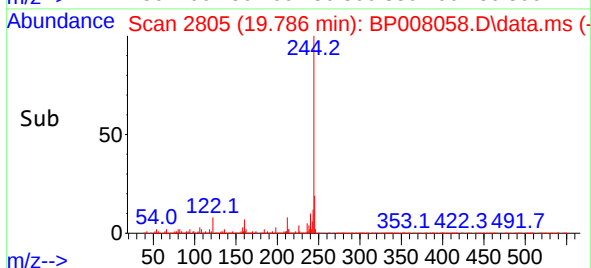
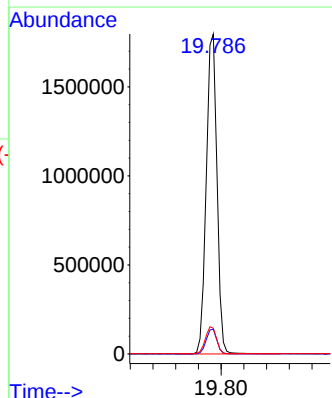
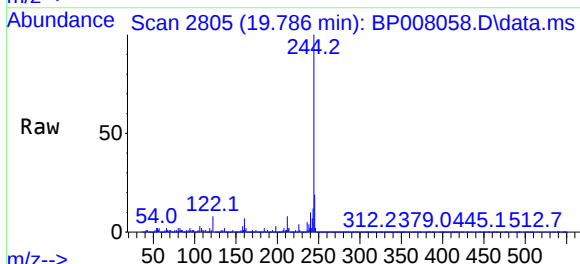
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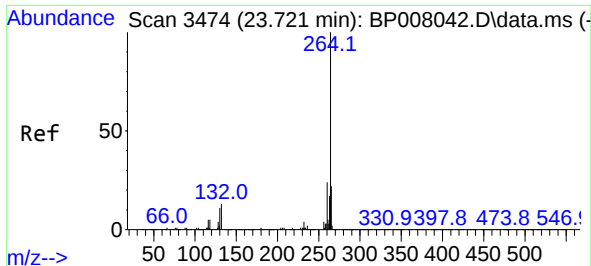
Tgt Ion:240 Resp: 652115
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.2
236 25.5 21.0 31.4



#79
Terphenyl-d14
Concen: 70.396 ng
RT: 19.786 min Scan# 2805
Delta R.T. -0.012 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

Tgt Ion:244 Resp: 2334917
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 8.1 6.1 9.1



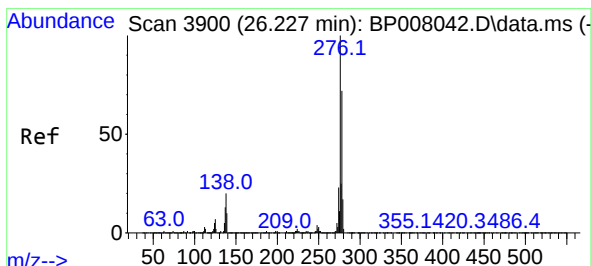
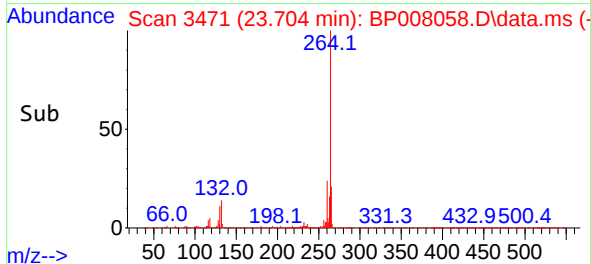
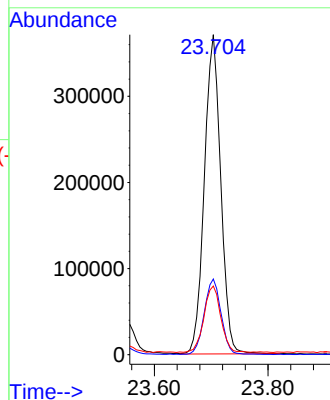
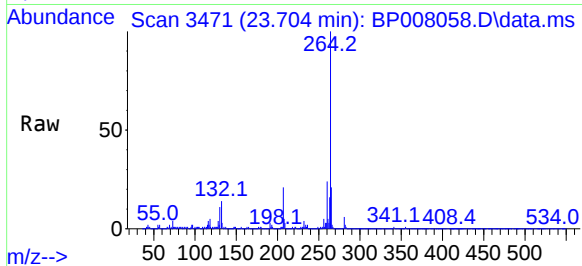


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3474
Delta R.T. -0.017 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

Instrument :
BNA_P
ClientSampleId :
T-132-2

Tgt Ion: 264 Resp: 740040

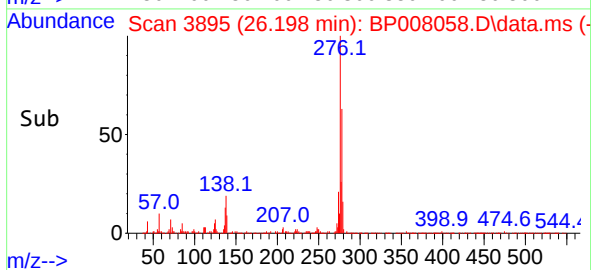
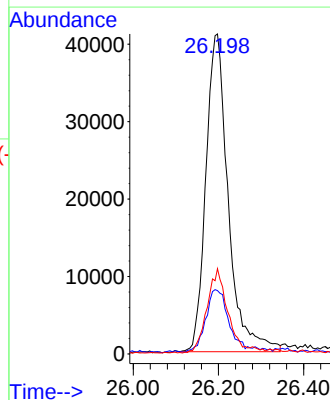
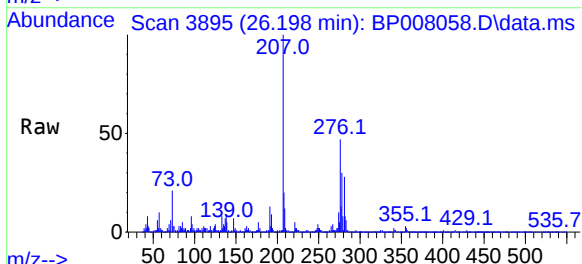
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.4	17.7	26.5

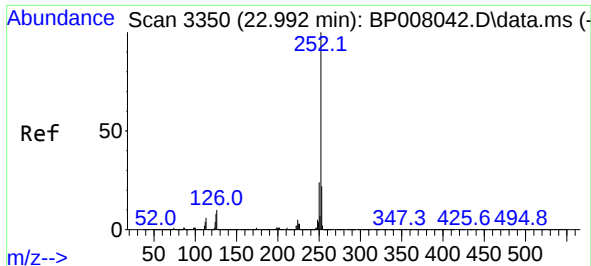


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.918 ng
RT: 26.198 min Scan# 3895
Delta R.T. -0.029 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

Tgt Ion: 276 Resp: 149840

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.5	24.7
277	24.2	20.2	30.4

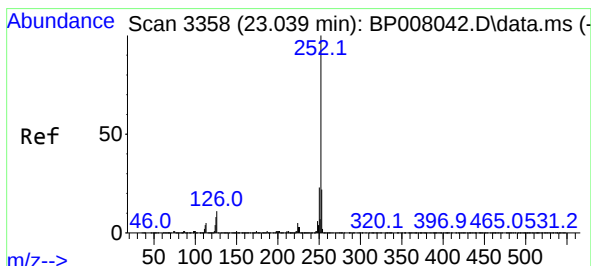
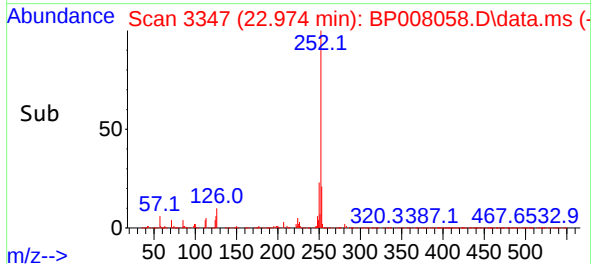
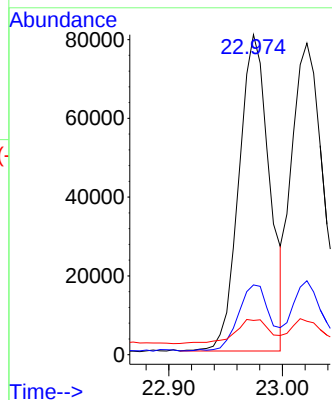
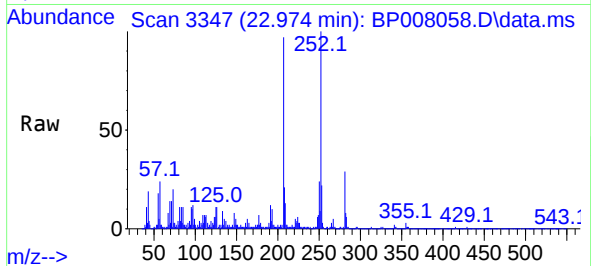




#88
Benzo(b)fluoranthene
Concen: 3.242 ng
RT: 22.974 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

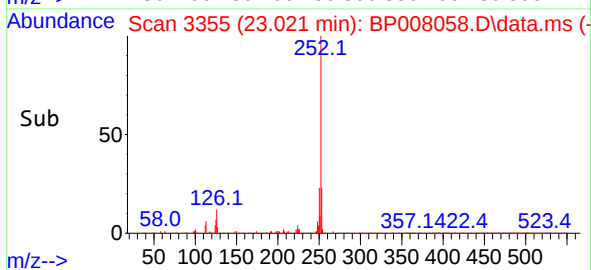
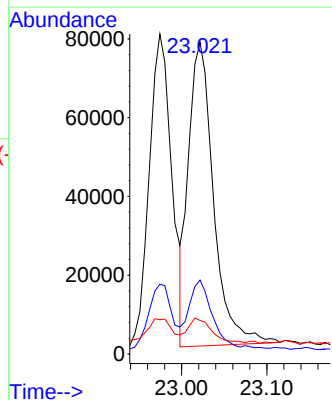
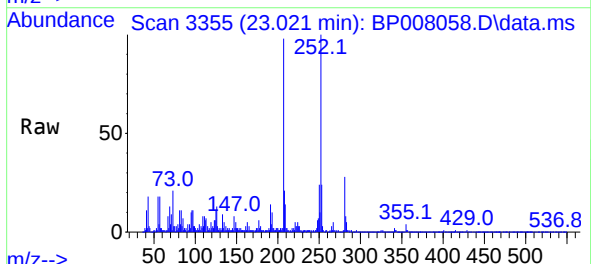
Instrument :
BNA_P
ClientSampleId :
T-132-2

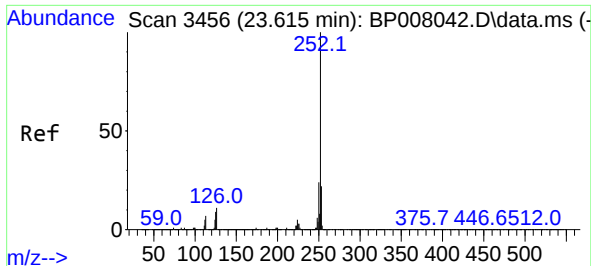
Tgt Ion:252 Resp: 150013
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.7 6.1 9.1#



#89
Benzo(k)fluoranthene
Concen: 3.425 ng
RT: 23.021 min Scan# 3355
Delta R.T. -0.018 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

Tgt Ion:252 Resp: 157681
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.7 6.2 9.4#

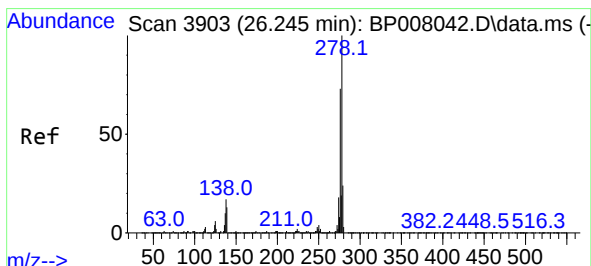
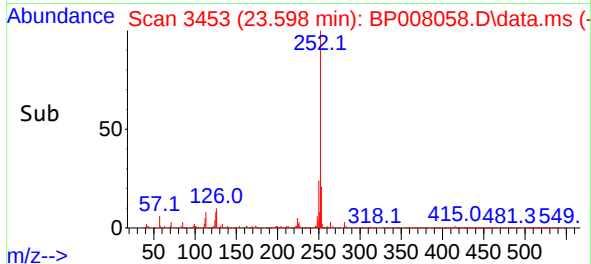
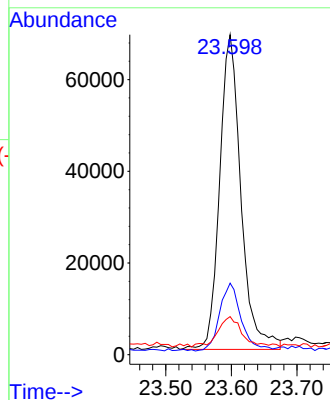
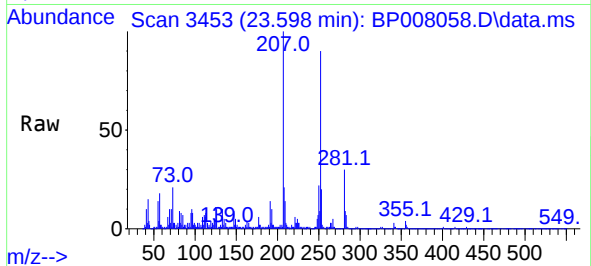




#90
Benzo(a)pyrene
Concen: 3.996 ng
RT: 23.598 min Scan# 34
Delta R.T. -0.017 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

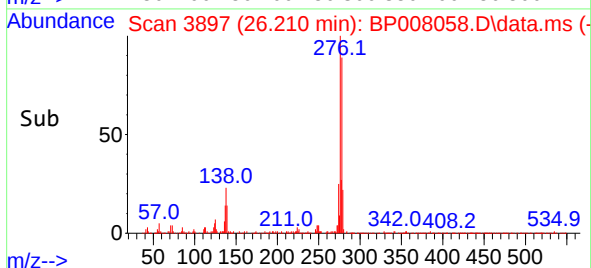
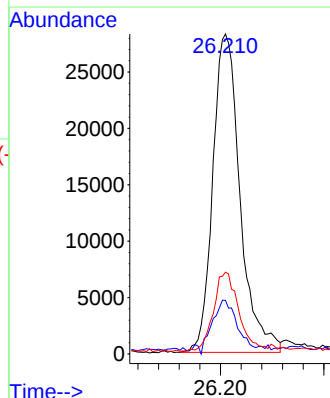
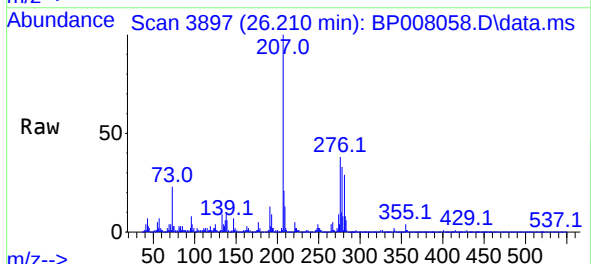
Instrument :
BNA_P
ClientSampleId :
T-132-2

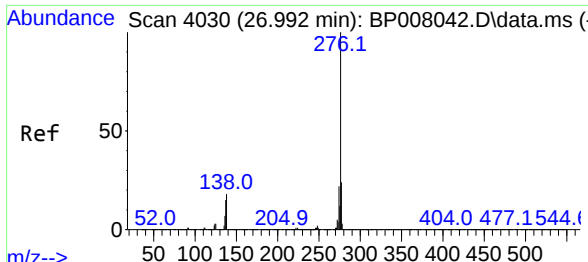
Tgt Ion:252 Resp: 154945
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.9 7.4 11.2#



#91
Dibenzo(a,h)anthracene
Concen: 2.421 ng
RT: 26.210 min Scan# 3897
Delta R.T. -0.035 min
Lab File: BP008058.D
Acq: 20 Nov 2021 15:27

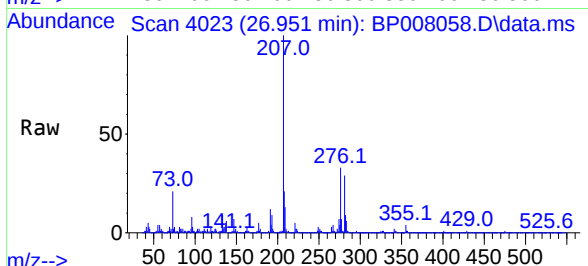
Tgt Ion:278 Resp: 103499
Ion Ratio Lower Upper
278 100
139 16.7 10.5 15.7#
279 25.5 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 2.470 ng
 RT: 26.951 min Scan# 40
 Delta R.T. -0.041 min
 Lab File: BP008058.D
 Acq: 20 Nov 2021 15:27

Instrument :
 BNA_P
 ClientSampleId :
 T-132-2



Tgt Ion: 276 Resp: 103441

Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.0	28.6
138	17.1	14.2	21.2

