

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009390.D
 Acq On : 14 Mar 2022 19:40
 Operator : CG/JU
 Sample : N1905-13 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 2

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-3

Quant Time: Mar 15 01:01:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

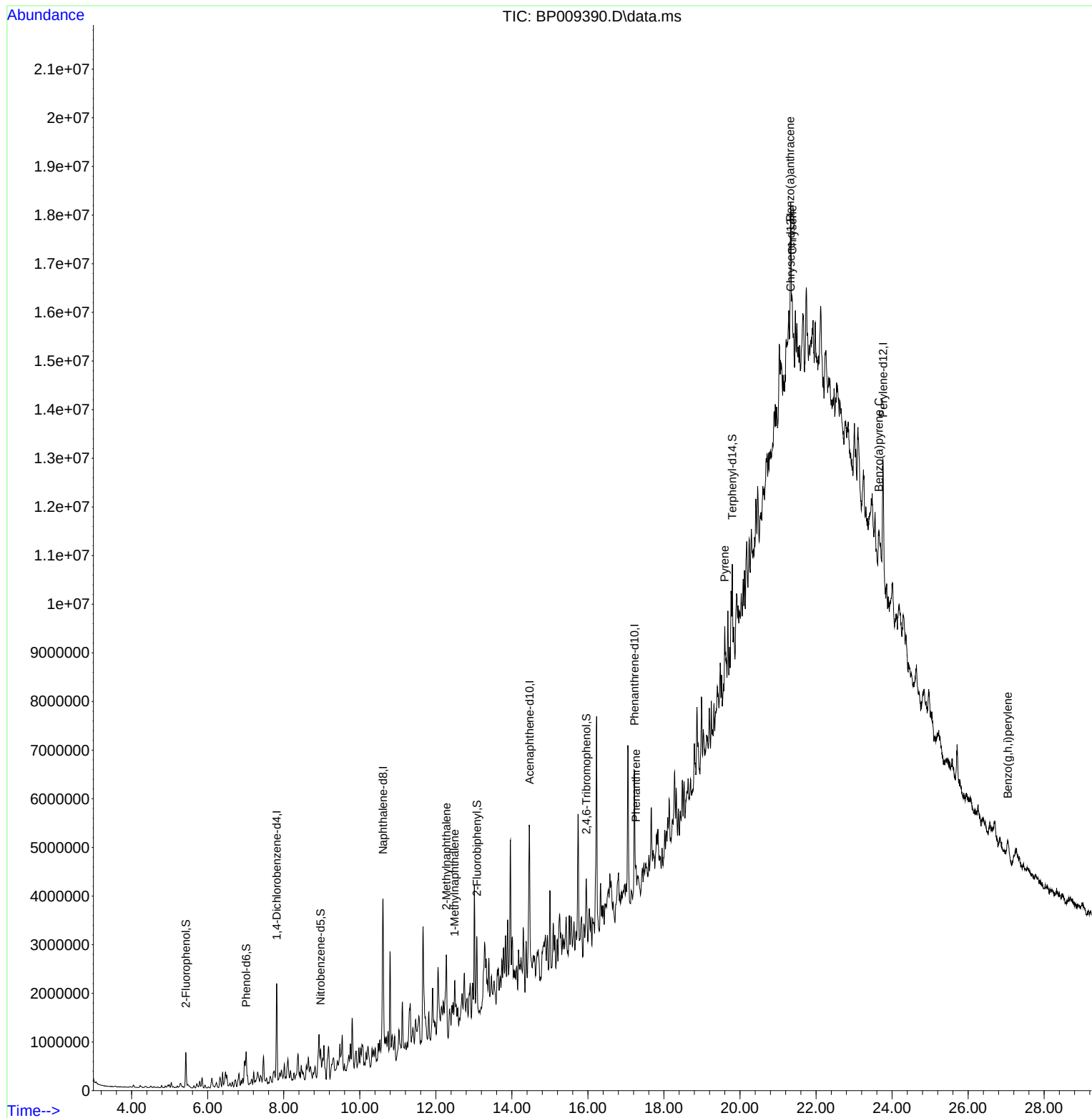
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	471045	40.00	ng	0.00
21) Naphthalene-d8	10.610	136	1745212	40.00	ng	0.00
39) Acenaphthene-d10	14.463	164	1015881	40.00	ng	0.00
64) Phenanthrene-d10	17.222	188	1754192	40.00	ng	0.00
76) Chrysene-d12	21.333	240	1572150	40.00	ng	0.00
86) Perylene-d12	23.763	264	1834162	40.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	339331	21.03	ng	0.01
7) Phenol-d6	7.011	99	449505	21.92	ng	0.02
23) Nitrobenzene-d5	8.969	82	327107	20.65	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	174502	28.45	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	767130	20.77	ng	0.00
79) Terphenyl-d14	19.798	244	885212	21.25	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.663	128	167993	3.48	ng	# 93
37) 2-Methylnaphthalene	12.275	142	302886	8.82	ng	96
38) 1-Methylnaphthalene	12.493	142	297680	9.41	ng	# 99
71) Phenanthrene	17.263	178	255006	5.06	ng	# 81
78) Pyrene	19.598	202	766534	14.44	ng	# 94
81) Benzo(a)anthracene	21.322	228	409826	7.69	ng	# 63
83) Chrysene	21.374	228	728854	14.09	ng	# 76
88) Benzo(b)fluoranthene	23.021	252	218164m	3.52	ng	
90) Benzo(a)pyrene	23.651	252	345535	5.88	ng	# 32
92) Benzo(g,h,i)perylene	27.045	276	328191	5.50	ng	# 89

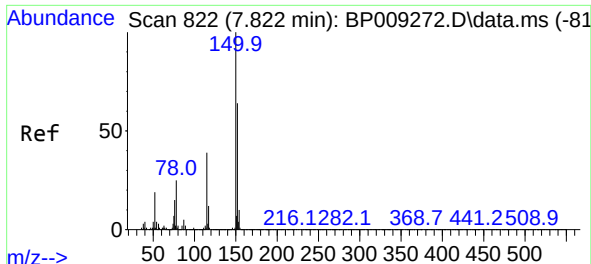
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 01:01:23 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
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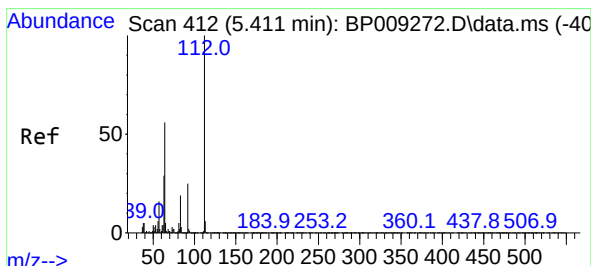
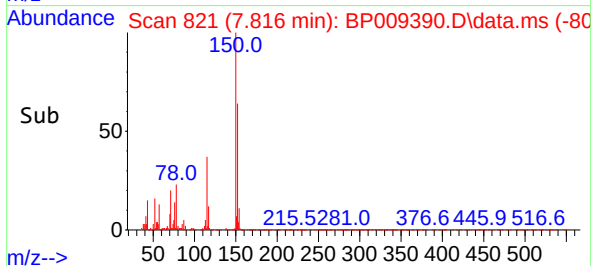
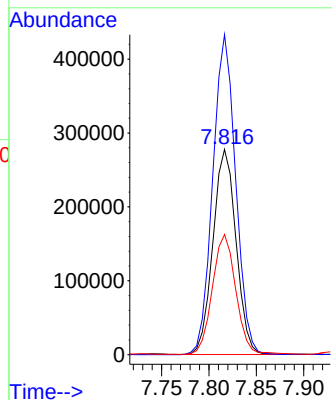
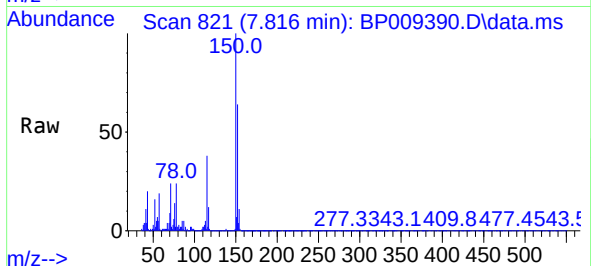




#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

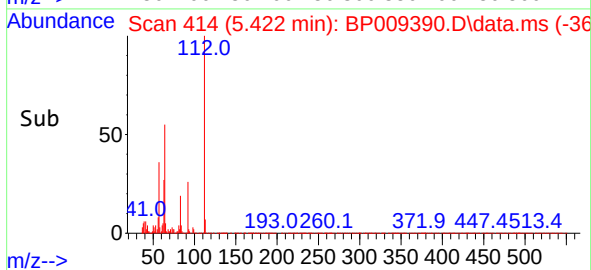
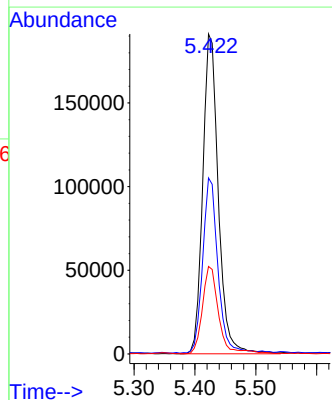
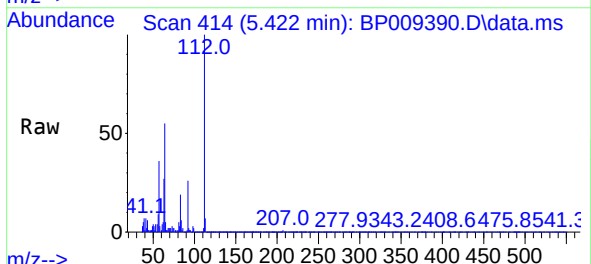
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-3

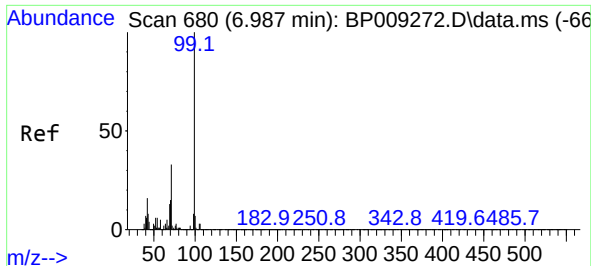
Tgt Ion:152 Resp: 471045
Ion Ratio Lower Upper
152 100
150 155.8 124.5 186.7
115 58.5 48.2 72.4



#5
2-Fluorophenol
Concen: 21.03 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

Tgt Ion:112 Resp: 339331
Ion Ratio Lower Upper
112 100
64 55.0 45.0 67.4
63 27.4 23.0 34.6



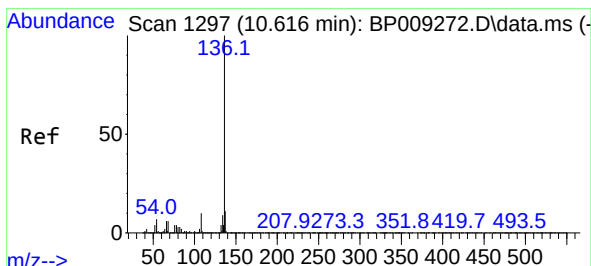
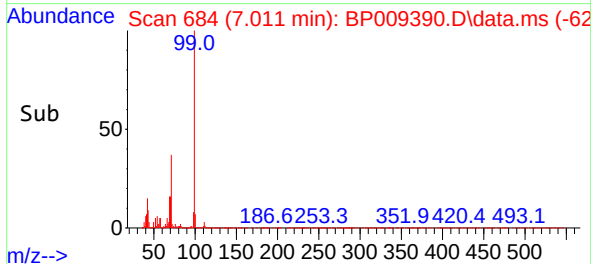
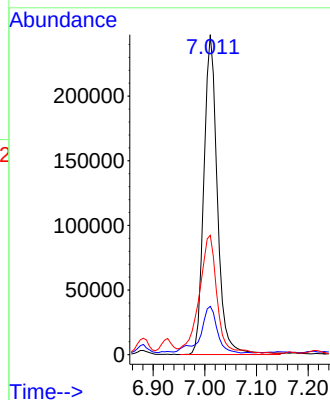
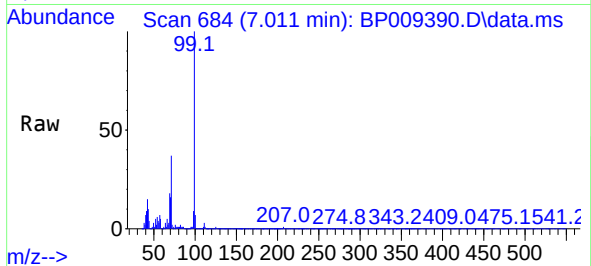


#7
Phenol-d6
Concen: 21.92 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-3

Tgt Ion: 99 Resp: 449505

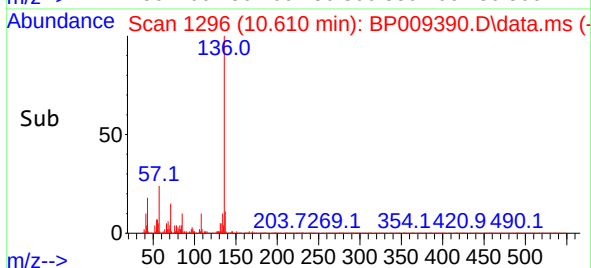
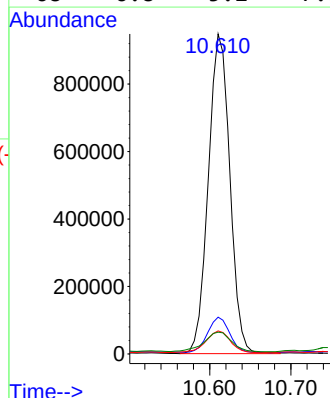
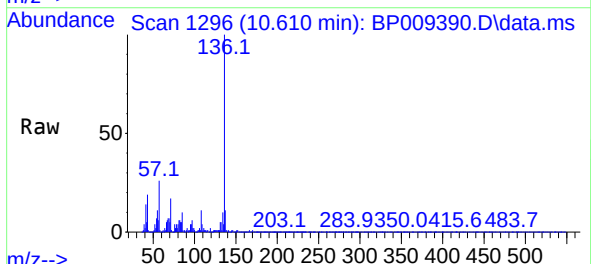
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.8	19.2
71	37.3	26.3	39.5

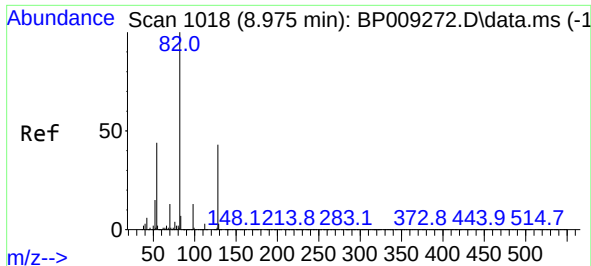


#21
Naphthalene-d8
Concen: 40.00 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

Tgt Ion: 136 Resp: 1745212

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	7.2	5.8	8.8
68	6.8	5.2	7.8

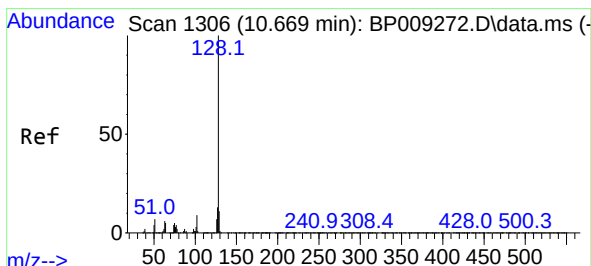
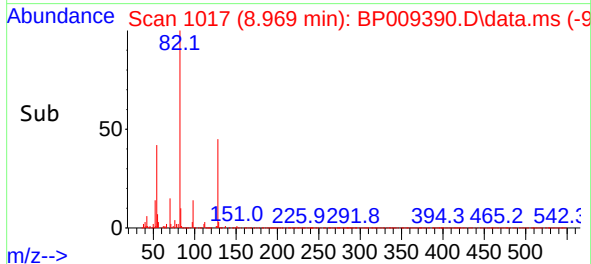
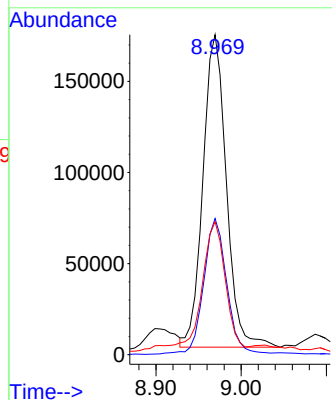
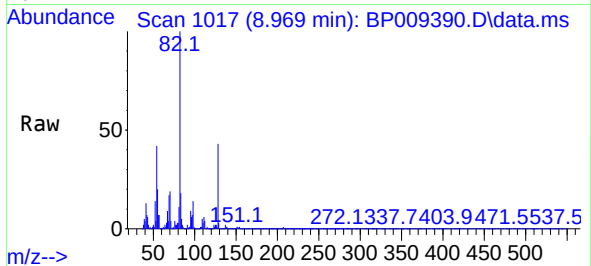




#23
Nitrobenzene-d5
Concen: 20.65 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

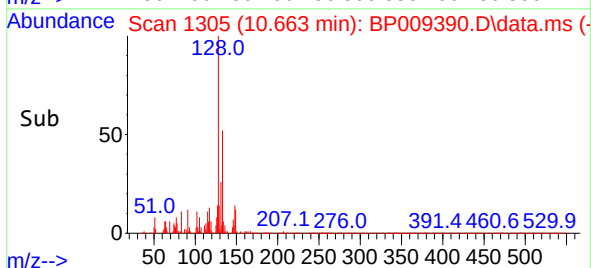
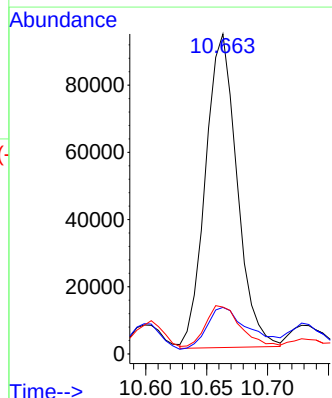
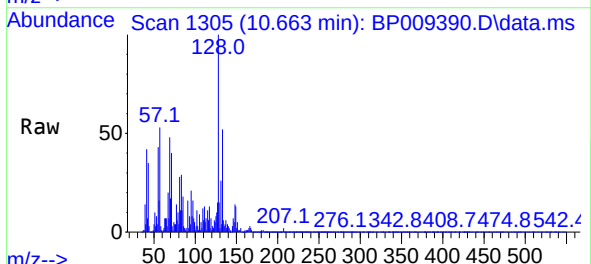
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-3

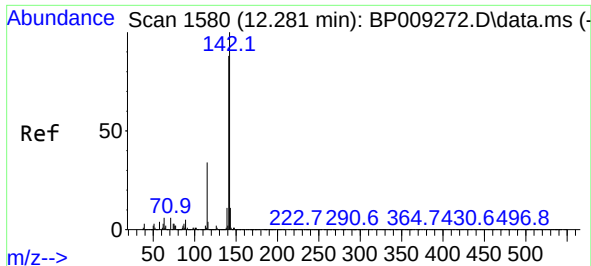
Tgt Ion: 82 Resp: 327107
Ion Ratio Lower Upper
82 100
128 42.6 34.2 51.4
54 41.5 34.7 52.1



#31
Naphthalene
Concen: 3.48 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

Tgt Ion: 128 Resp: 167993
Ion Ratio Lower Upper
128 100
129 14.6 8.6 13.0#
127 14.6 10.5 15.7

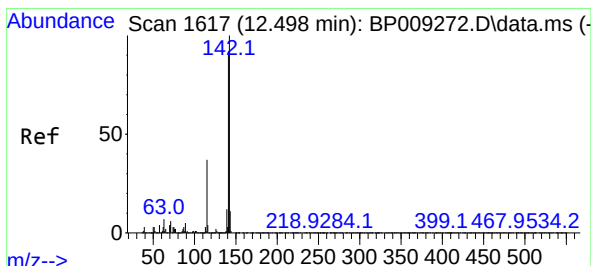
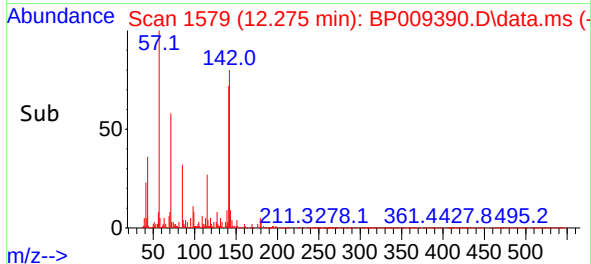
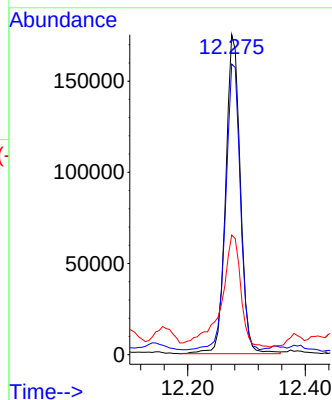
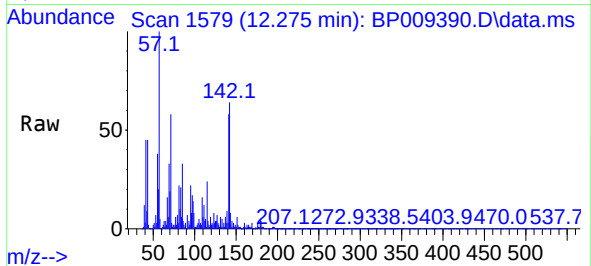




#37
2-Methylnaphthalene
Concen: 8.82 ng
RT: 12.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

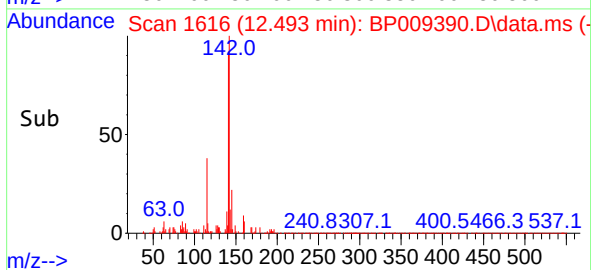
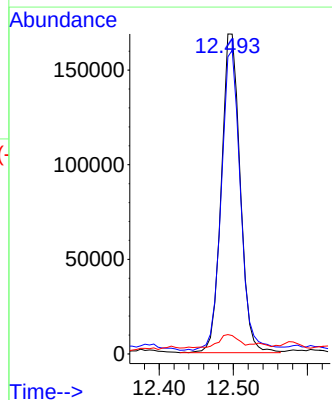
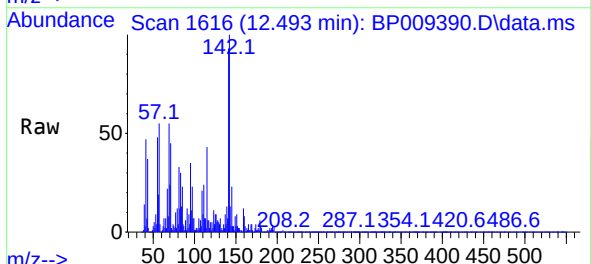
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-3

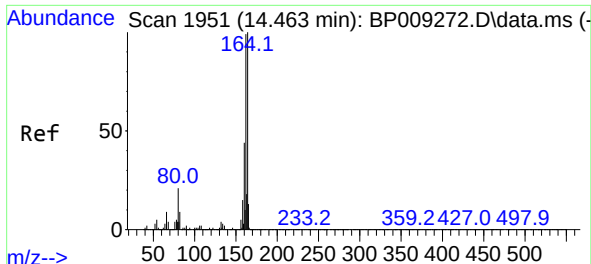
Tgt Ion:142 Resp: 302886
Ion Ratio Lower Upper
142 100
141 90.8 70.2 105.4
115 37.4 27.4 41.2



#38
1-Methylnaphthalene
Concen: 9.41 ng
RT: 12.493 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

Tgt Ion:142 Resp: 297680
Ion Ratio Lower Upper
142 100
141 92.8 73.5 110.3
116 6.0 3.3 4.9#

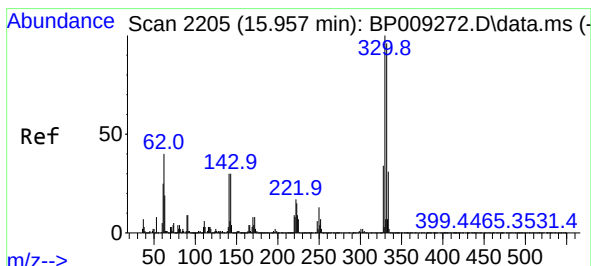
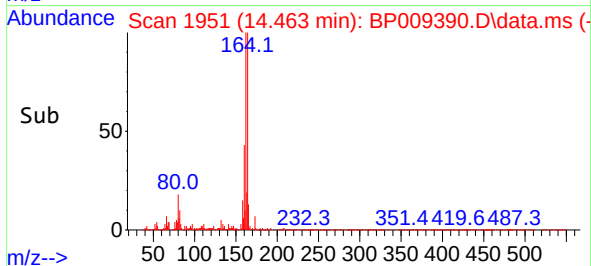
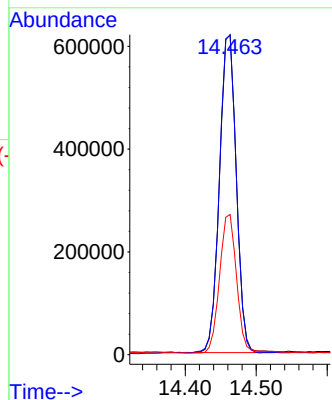
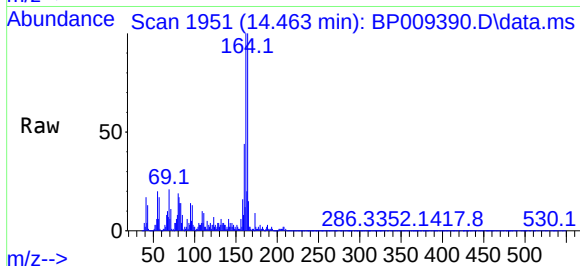




#39
Acenaphthene-d10
Concen: 40.00 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

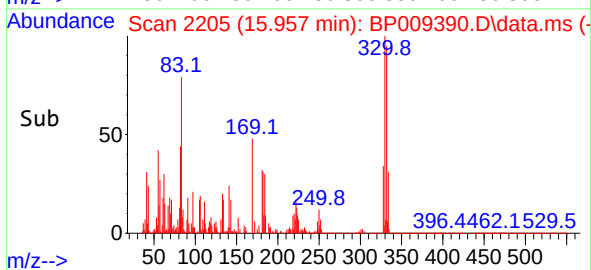
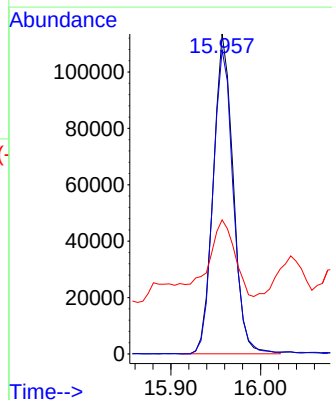
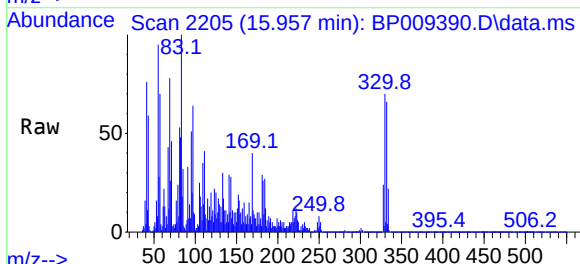
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-3

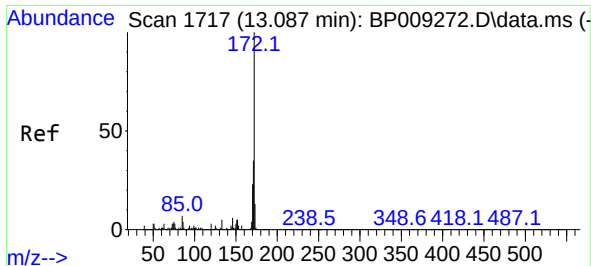
Tgt Ion:164 Resp: 1015881
Ion Ratio Lower Upper
164 100
162 99.8 79.1 118.7
160 43.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 28.45 ng
RT: 15.957 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

Tgt Ion:330 Resp: 174502
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 30.6 27.6 41.4

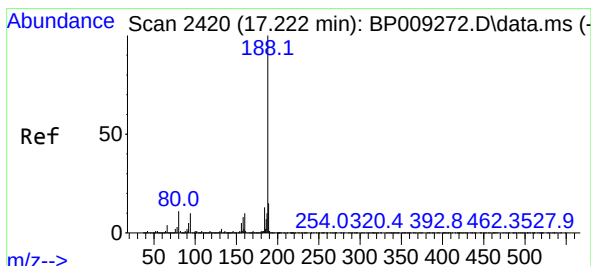
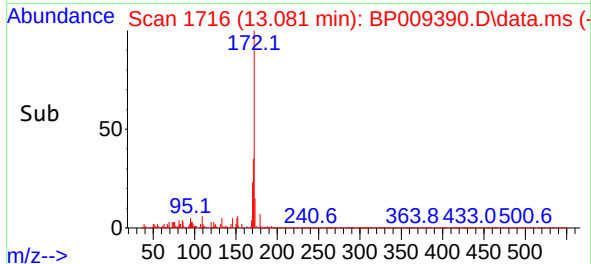
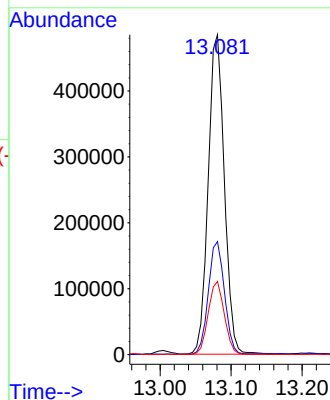
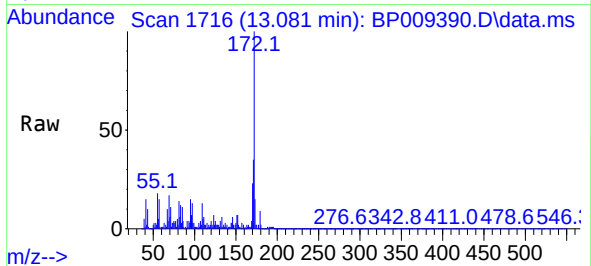




#45
2-Fluorobiphenyl
Concen: 20.77 ng
RT: 13.081 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

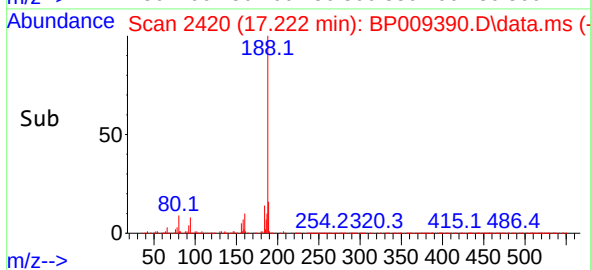
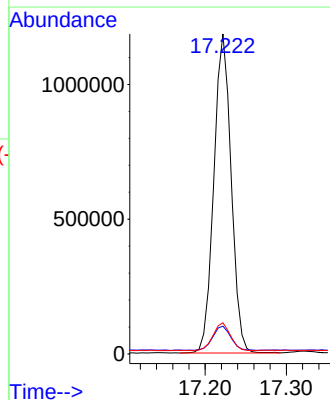
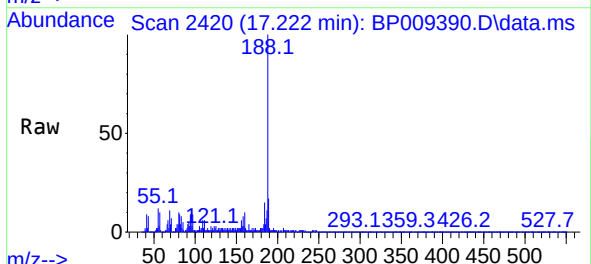
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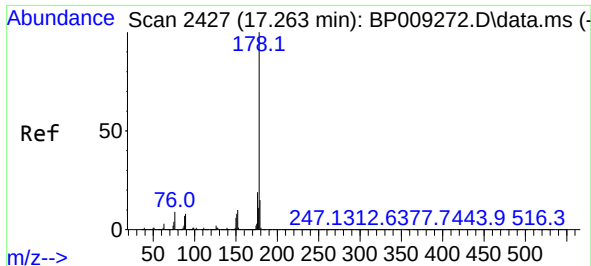
Tgt Ion:172 Resp: 767130
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 22.9 18.6 27.8



#64
Phenanthrene-d10
Concen: 40.00 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

Tgt Ion:188 Resp: 1754192
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.7 8.8 13.2

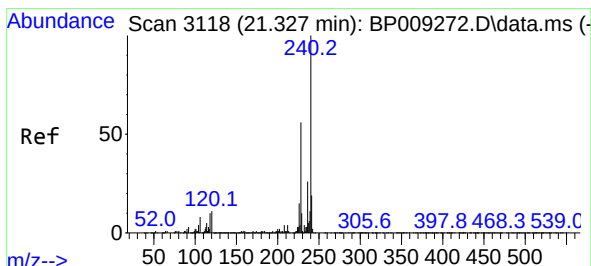
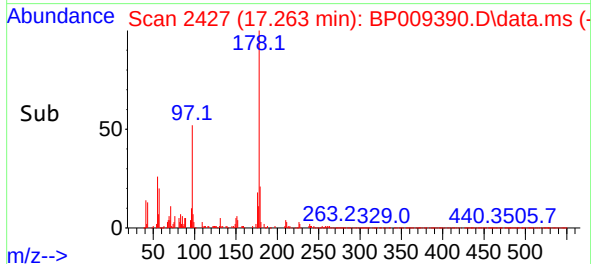
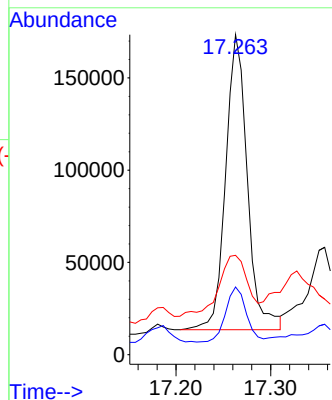
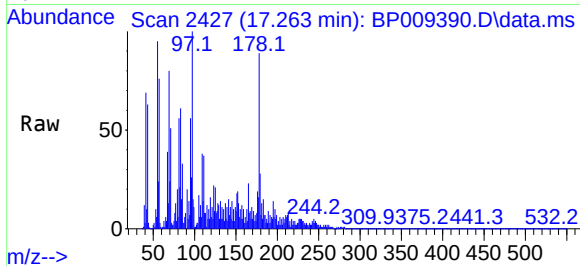




#71
Phenanthrene
Concen: 5.06 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

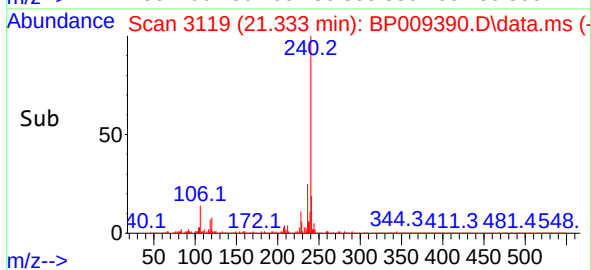
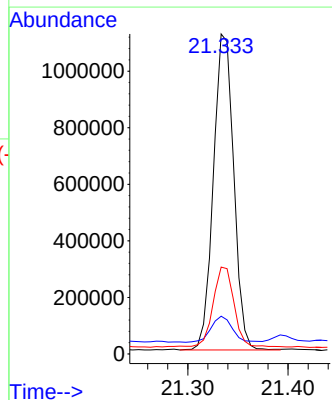
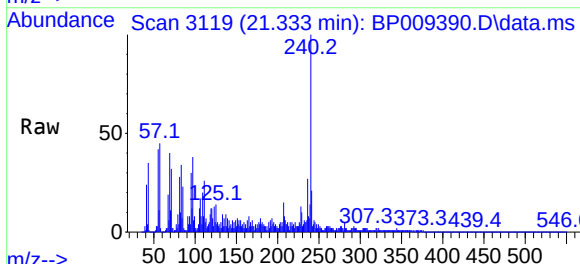
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-3

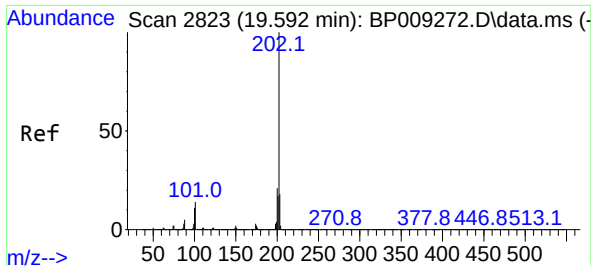
Tgt Ion:178 Resp: 255006
Ion Ratio Lower Upper
178 100
176 21.1 15.4 23.2
179 31.0 12.3 18.5#



#76
Chrysene-d12
Concen: 40.00 ng
RT: 21.333 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

Tgt Ion:240 Resp: 1572150
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.4
236 27.1 20.6 30.8

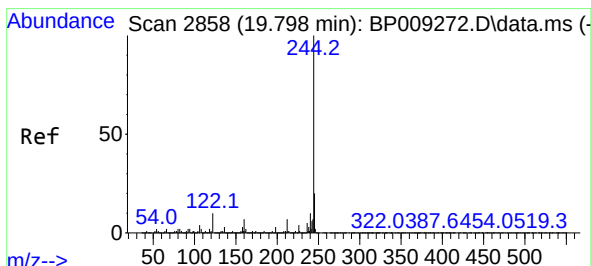
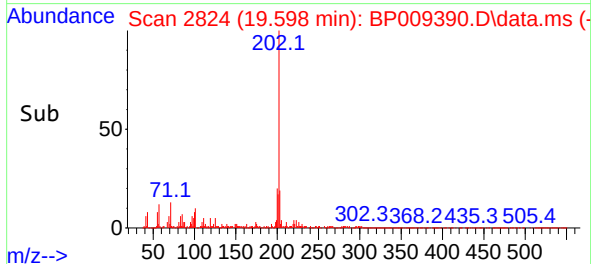
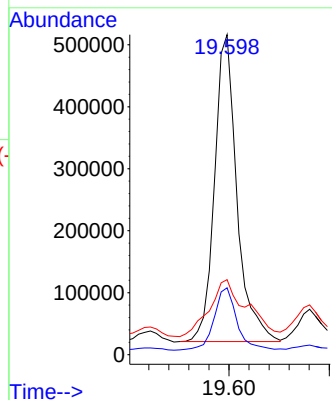
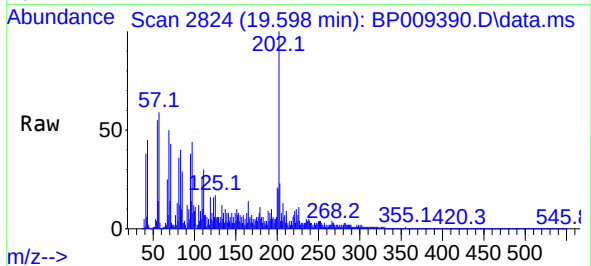




#78
 Pyrene
 Concen: 14.44 ng
 RT: 19.598 min Scan# 2823
 Delta R.T. 0.006 min
 Lab File: BP009390.D
 Acq: 14 Mar 2022 19:40

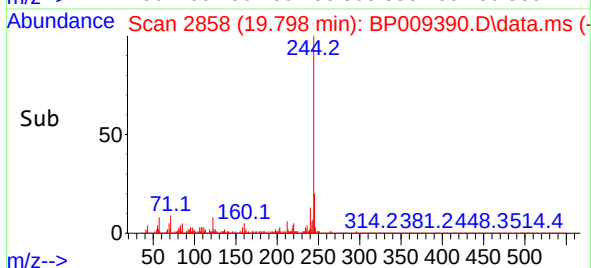
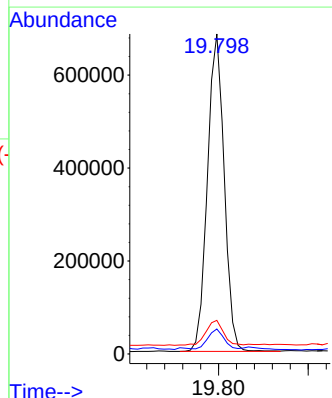
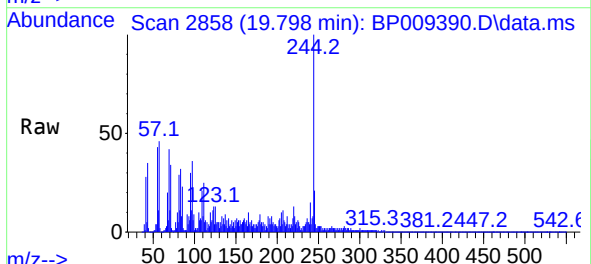
Instrument :
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 ClientSampleId :
 WC-14A-1A-3

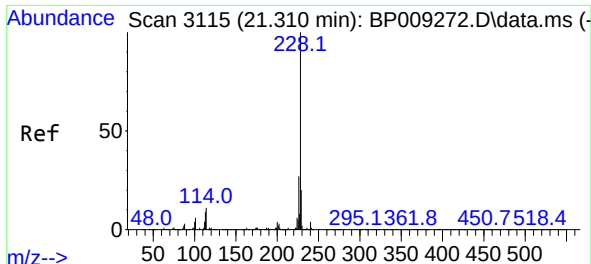
Tgt Ion:202 Resp: 766534
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.8 25.2
 203 23.4 14.2 21.4#



#79
 Terphenyl-d14
 Concen: 21.25 ng
 RT: 19.798 min Scan# 2858
 Delta R.T. 0.000 min
 Lab File: BP009390.D
 Acq: 14 Mar 2022 19:40

Tgt Ion:244 Resp: 885212
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 10.5 8.3 12.5

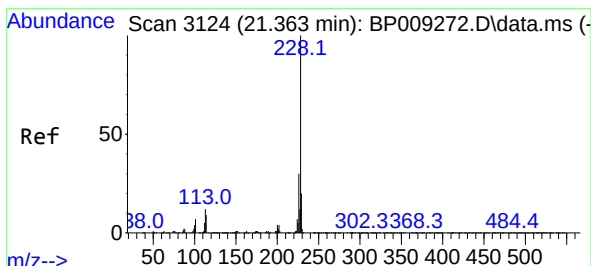
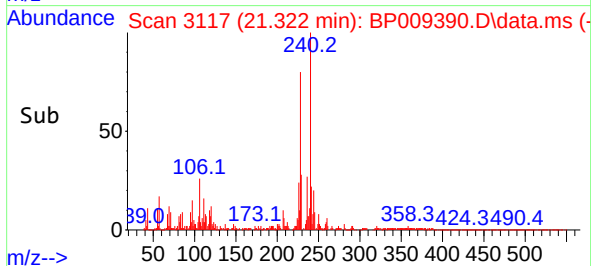
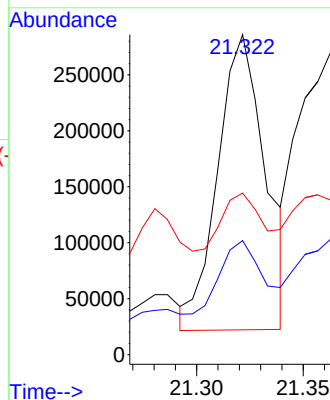
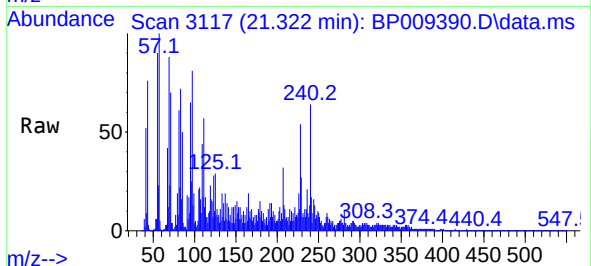




#81
Benzo(a)anthracene
Concen: 7.69 ng
RT: 21.322 min Scan# 3117
Delta R.T. 0.012 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

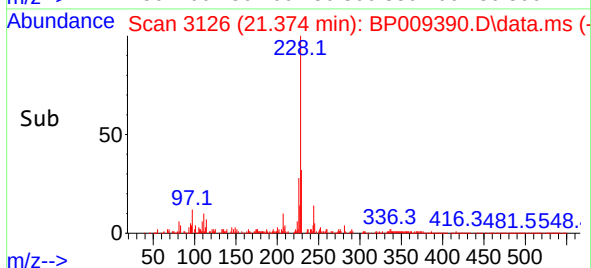
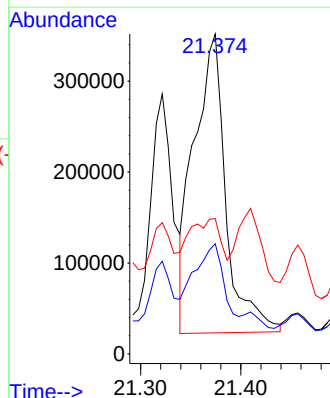
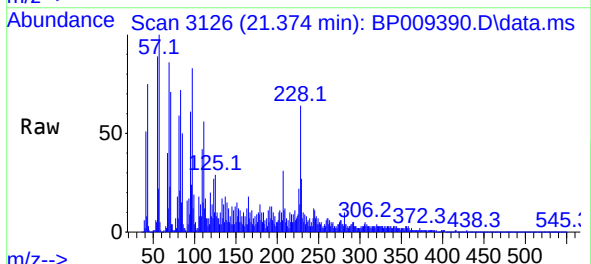
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-3

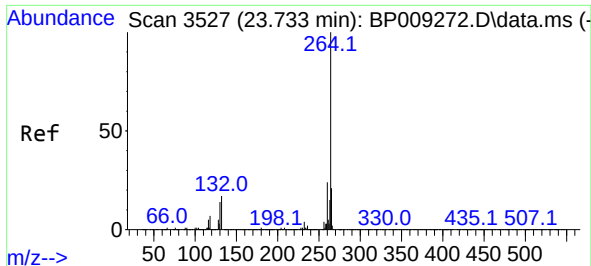
Tgt Ion:228 Resp: 409826
Ion Ratio Lower Upper
228 100
226 35.6 22.0 33.0#
229 50.5 16.1 24.1#



#83
Chrysene
Concen: 14.09 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.012 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

Tgt Ion:228 Resp: 728854
Ion Ratio Lower Upper
228 100
226 34.5 24.2 36.2
229 42.3 16.1 24.1#

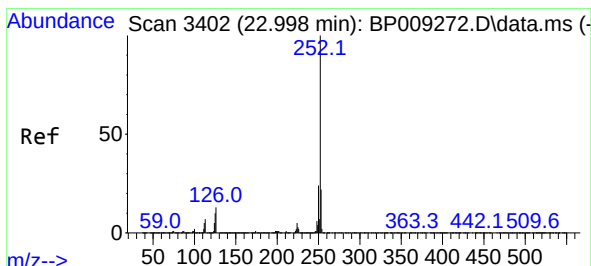
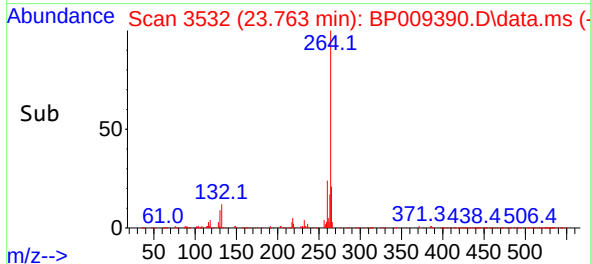
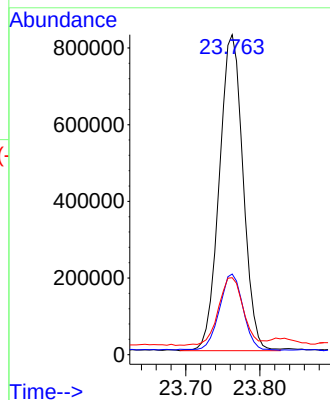
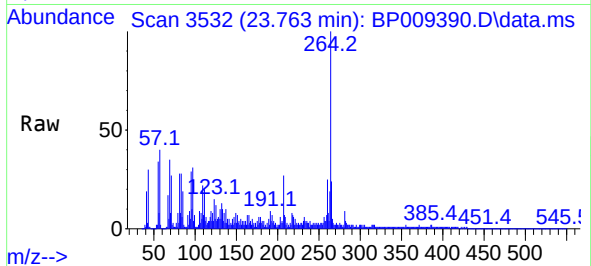




#86
Perylene-d12
Concen: 40.00 ng
RT: 23.763 min Scan# 31
Delta R.T. 0.029 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

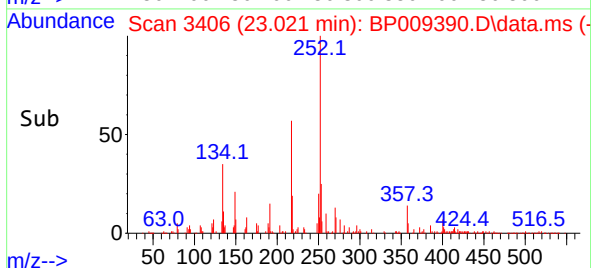
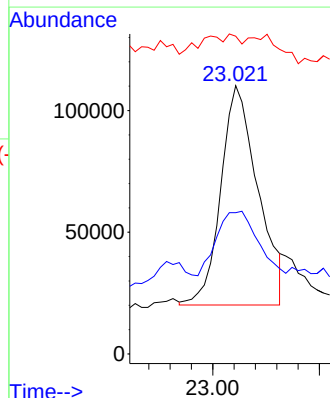
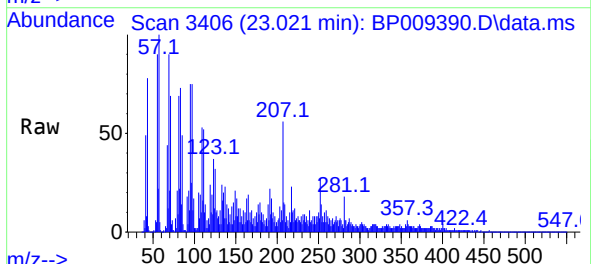
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-3

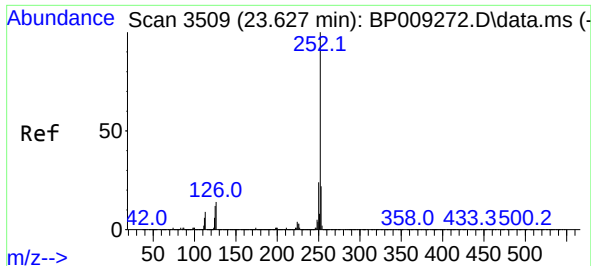
Tgt Ion:264 Resp: 1834162
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.0
265 24.1 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 3.52 ng m
RT: 23.021 min Scan# 3406
Delta R.T. 0.024 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

Tgt Ion:252 Resp: 218164
Ion Ratio Lower Upper
252 100
253 52.7 17.8 26.8#
125 118.4 8.1 12.1#

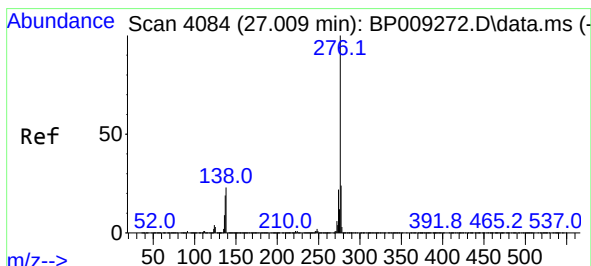
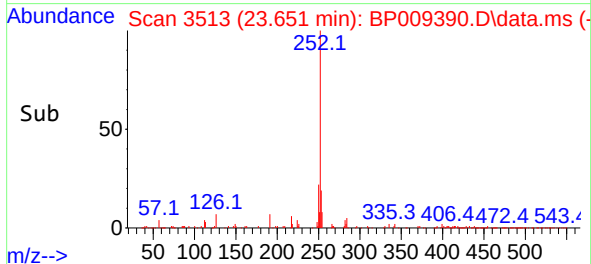
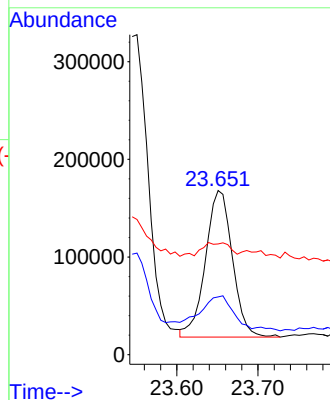
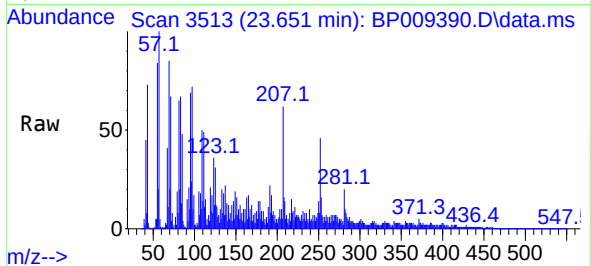




#90
Benzo(a)pyrene
Concen: 5.88 ng
RT: 23.651 min Scan# 31
Delta R.T. 0.024 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-3

Tgt Ion:252 Resp: 345535
Ion Ratio Lower Upper
252 100
253 35.2 17.8 26.6#
125 67.5 9.3 13.9#



#92
Benzo(g,h,i)perylene
Concen: 5.50 ng
RT: 27.045 min Scan# 4090
Delta R.T. 0.035 min
Lab File: BP009390.D
Acq: 14 Mar 2022 19:40

Tgt Ion:276 Resp: 328191
Ion Ratio Lower Upper
276 100
277 30.9 19.2 28.8#
138 26.0 18.0 27.0

