

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009388.D
 Acq On : 14 Mar 2022 18:33
 Operator : CG/JU
 Sample : N1905-19 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-2

Quant Time: Mar 15 01:01:00 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)

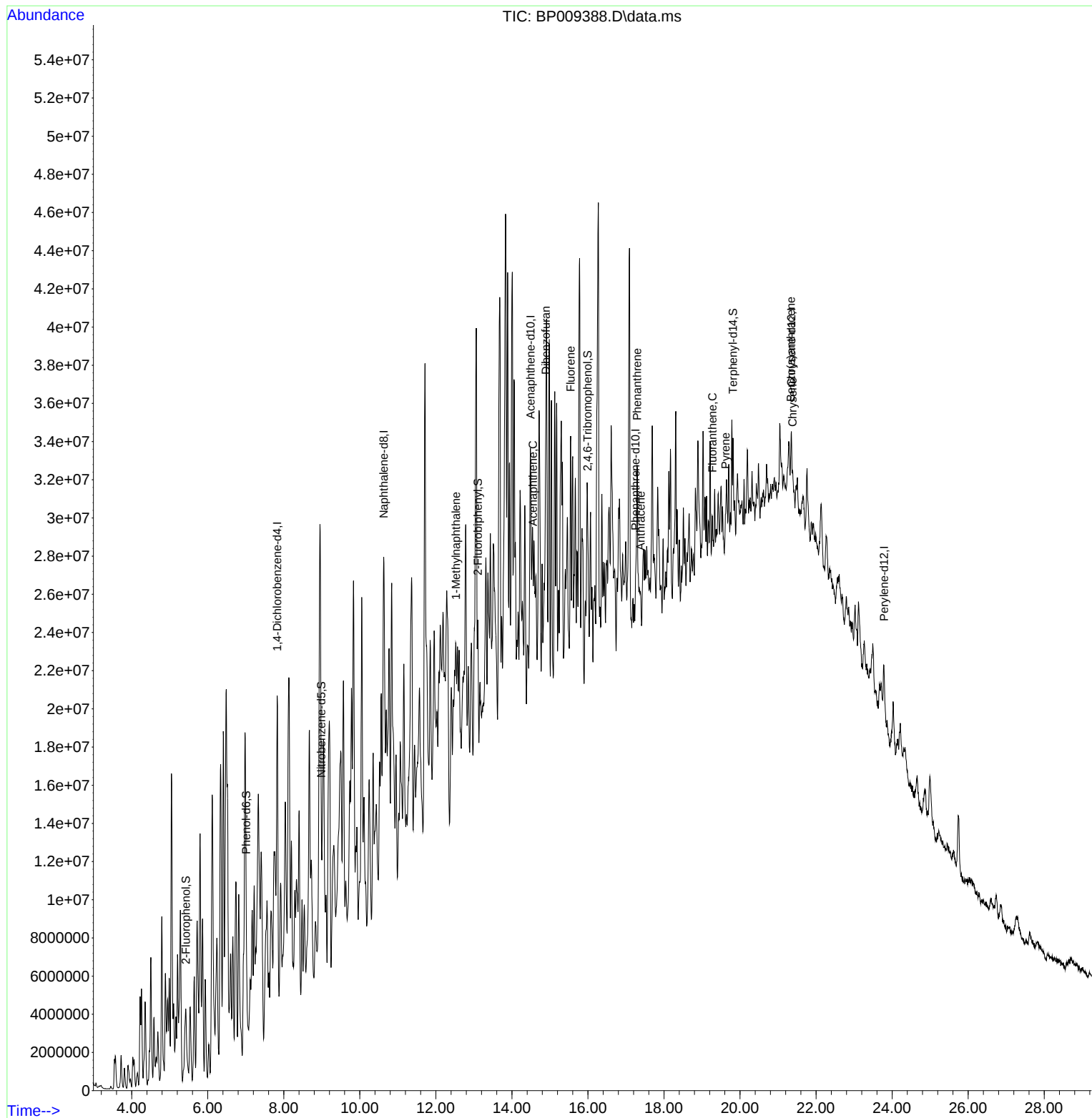
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	370951	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	1424245	20.000	ng	# 0.02
39) Acenaphthene-d10	14.492	164	976084	20.000	ng	0.03
64) Phenanthrene-d10	17.251	188	1798545	20.000	ng	# 0.03
76) Chrysene-d12	21.351	240	1594169	20.000	ng	# 0.02
86) Perylene-d12	23.786	264	1795934	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	995761	39.183	ng	0.01
7) Phenol-d6	7.011	99	1276484	39.526	ng	0.02
23) Nitrobenzene-d5	8.987	82	1603989	62.030	ng	0.01
42) 2,4,6-Tribromophenol	15.992	330	827352	70.196	ng	0.04
45) 2-Fluorobiphenyl	13.104	172	2108200	29.702	ng	0.02
79) Terphenyl-d14	19.816	244	2878856	34.079	ng	0.02
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	12.528	142	1362317	26.396	ng	# 91
52) Acenaphthene	14.557	154	786004	13.149	ng	# 83
55) Dibenzofuran	14.892	168	1242375	13.721	ng	# 1
58) Fluorene	15.545	166	2165196	30.535	ng	# 84
71) Phenanthrene	17.292	178	5406973	52.310	ng	# 93
72) Anthracene	17.386	178	670640	6.518	ng	# 51
75) Fluoranthene	19.275	202	308228	2.584	ng	# 38
78) Pyrene	19.622	202	901230	8.373	ng	# 76
81) Benzo(a)anthracene	21.339	228	328190	3.037	ng	# 34
83) Chrysene	21.386	228	751285	7.161	ng	# 55

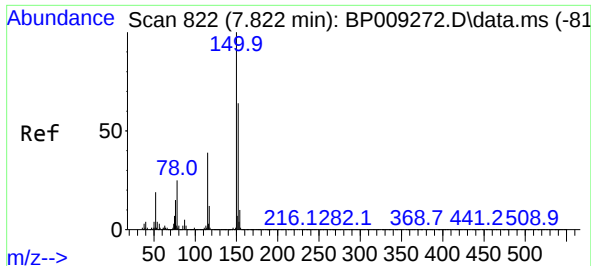
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

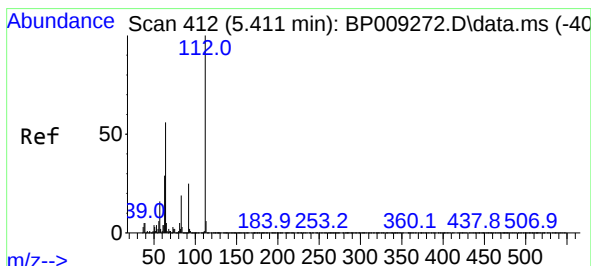
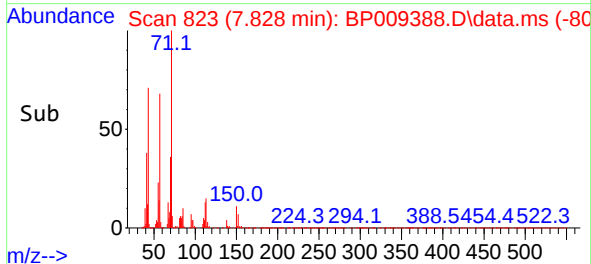
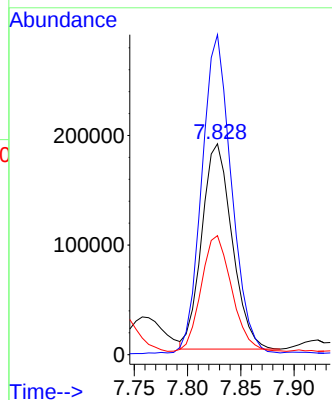
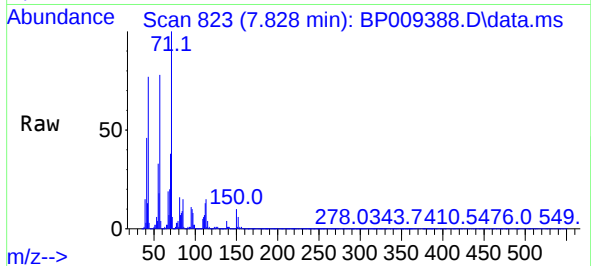




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

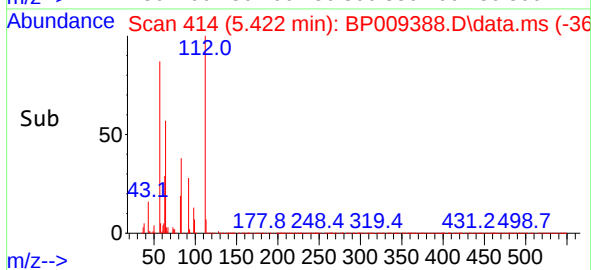
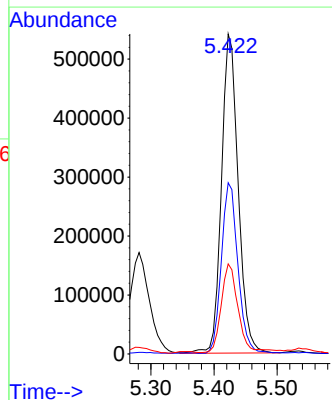
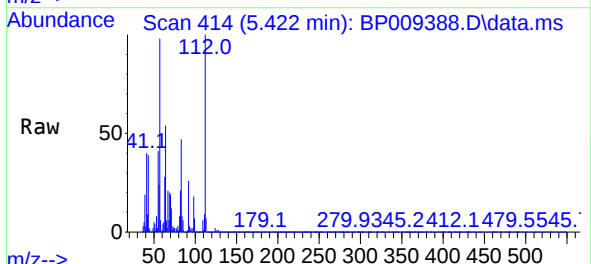
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BNA_P
ClientSampleId :
WC-14A-1A-2

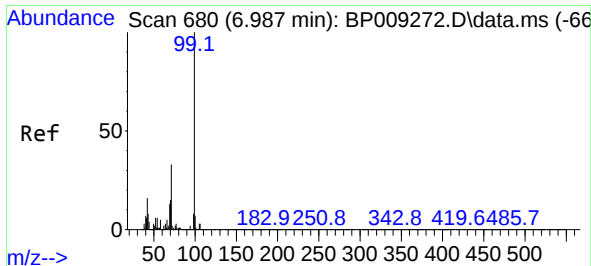
Tgt Ion:152 Resp: 370951
Ion Ratio Lower Upper
152 100
150 151.7 124.5 186.7
115 56.4 48.2 72.4



#5
2-Fluorophenol
Concen: 39.183 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:112 Resp: 995761
Ion Ratio Lower Upper
112 100
64 53.5 45.0 67.4
63 28.1 23.0 34.6

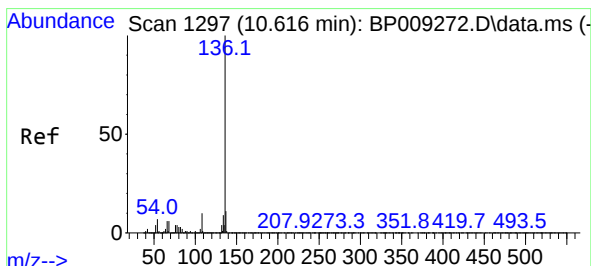
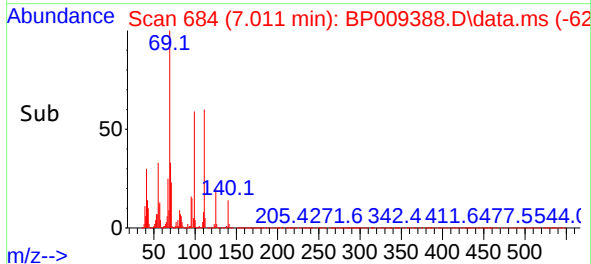
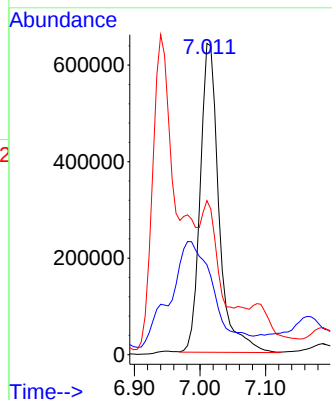
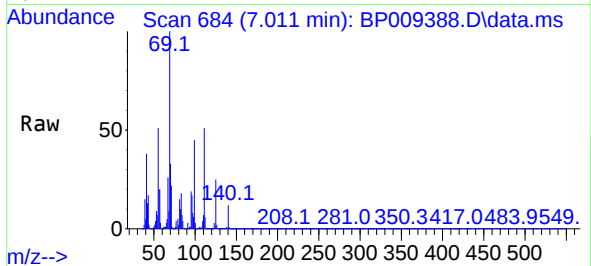




#7
Phenol-d6
Concen: 39.526 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

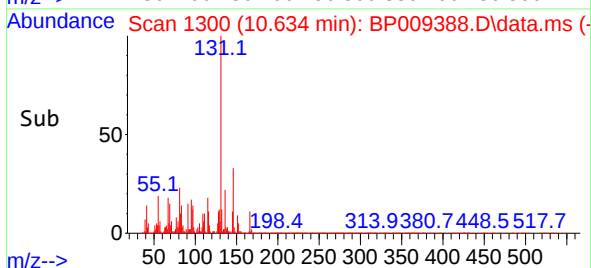
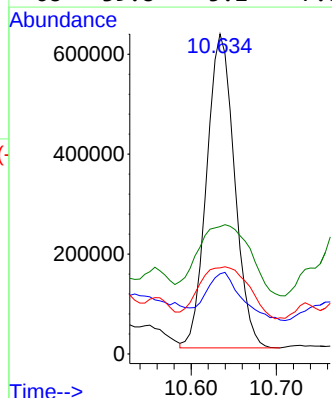
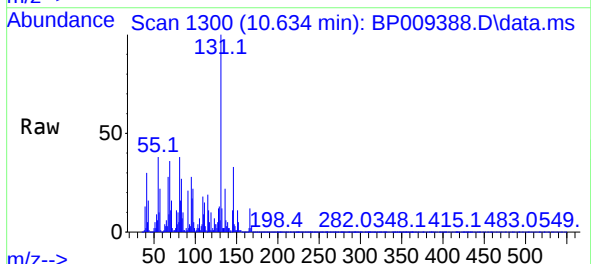
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

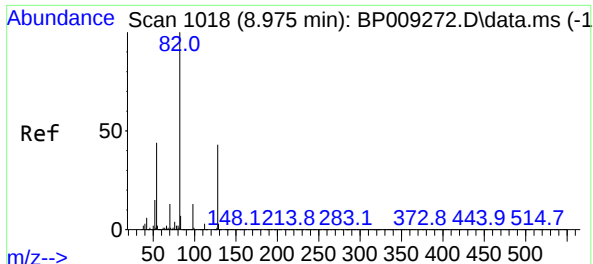
Tgt Ion: 99 Resp: 1276484
Ion Ratio Lower Upper
99 100
42 28.9 12.8 19.2#
71 49.5 26.3 39.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1300
Delta R.T. 0.018 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion: 136 Resp: 1424245
Ion Ratio Lower Upper
136 100
137 25.0 8.6 12.8#
54 26.9 5.8 8.8#
68 39.8 5.2 7.8#

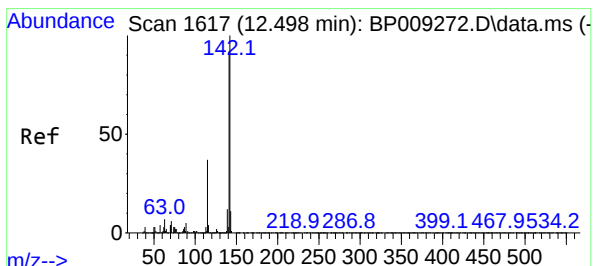
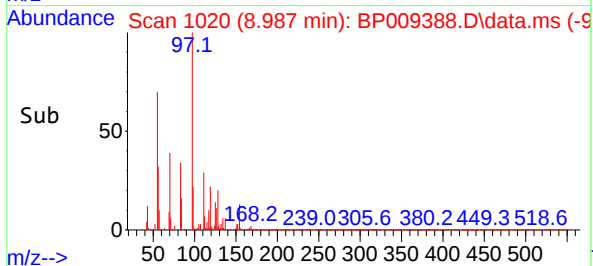
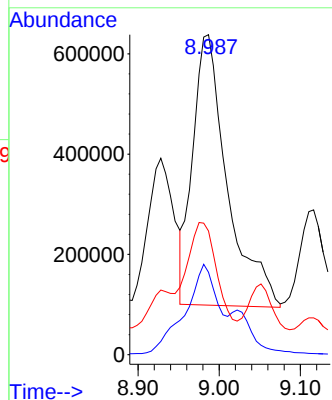
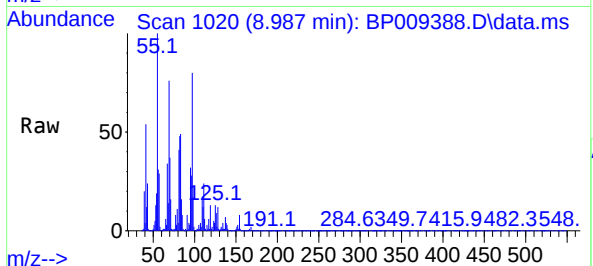




#23
Nitrobenzene-d5
Concen: 62.030 ng
RT: 8.987 min Scan# 1020
Delta R.T. 0.012 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

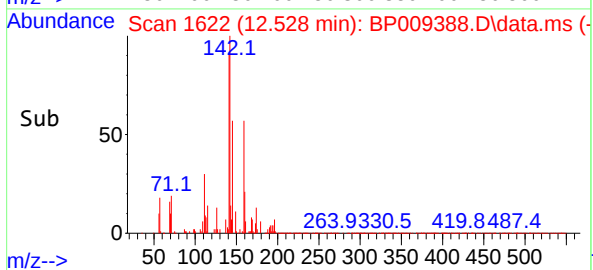
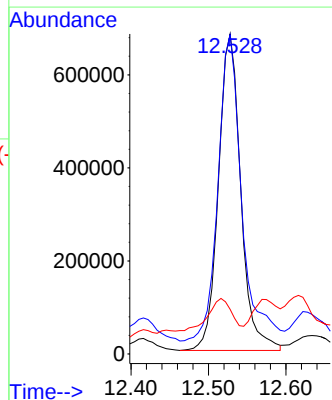
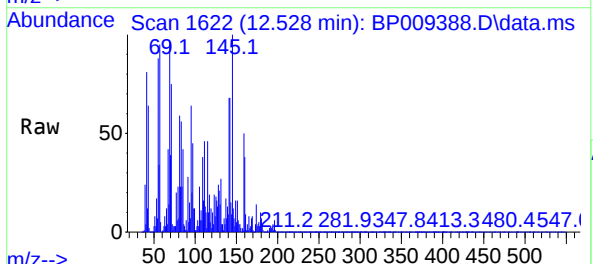
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

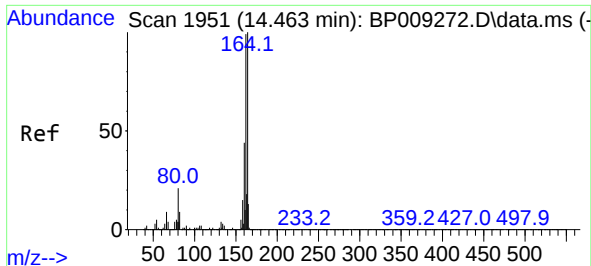
Tgt Ion: 82 Resp: 1603989
Ion Ratio Lower Upper
82 100
128 25.7 34.2 51.4#
54 38.7 34.7 52.1



#38
1-Methylnaphthalene
Concen: 26.396 ng
RT: 12.528 min Scan# 1622
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion: 142 Resp: 1362317
Ion Ratio Lower Upper
142 100
141 99.7 73.5 110.3
116 14.0 3.3 4.9#

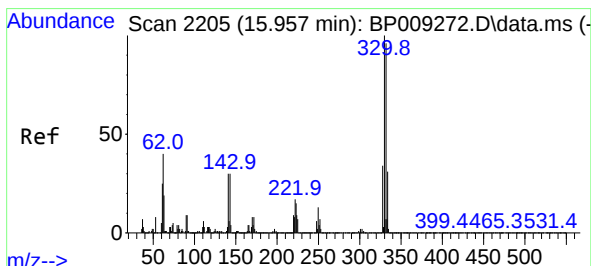
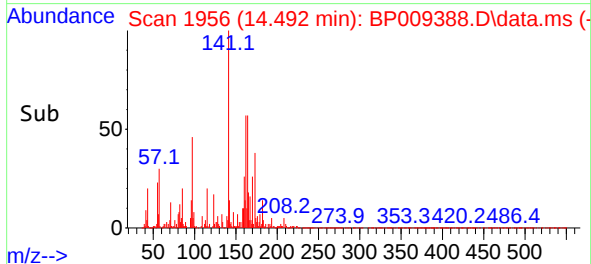
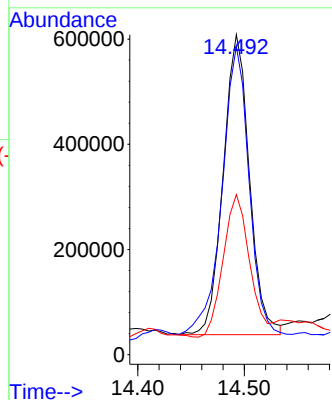
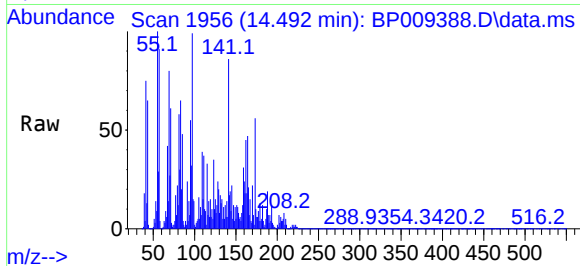




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

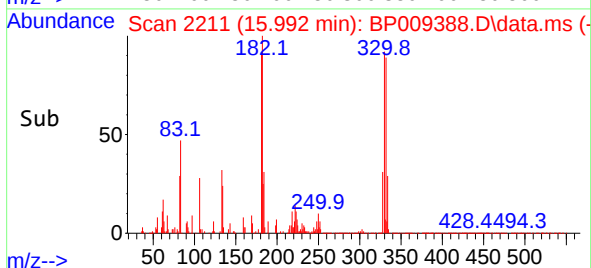
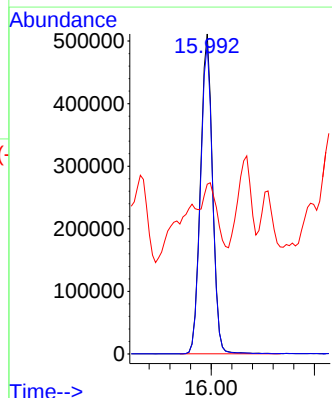
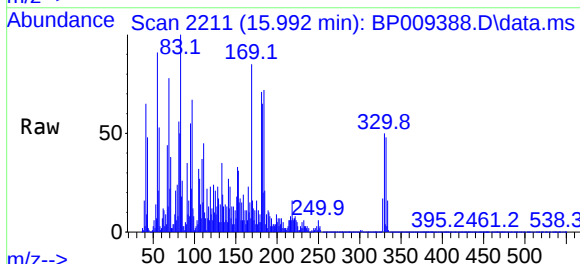
Instrument :
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ClientSampleId :
WC-14A-1A-2

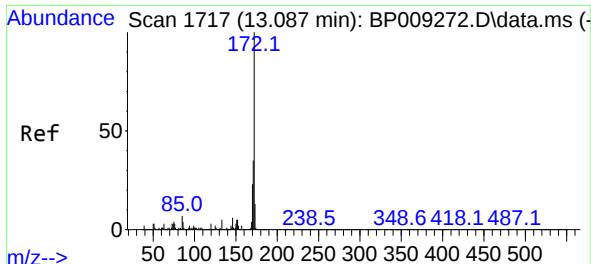
Tgt Ion:164 Resp: 976084
Ion Ratio Lower Upper
164 100
162 96.3 79.1 118.7
160 50.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 70.196 ng
RT: 15.992 min Scan# 2211
Delta R.T. 0.035 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:330 Resp: 827352
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 23.3 27.6 41.4#

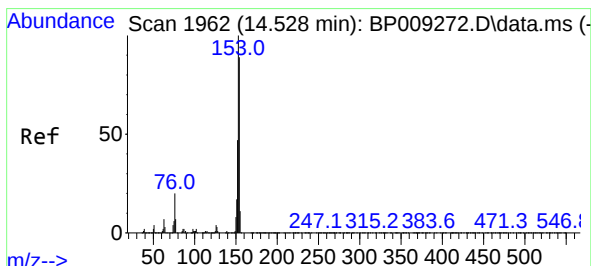
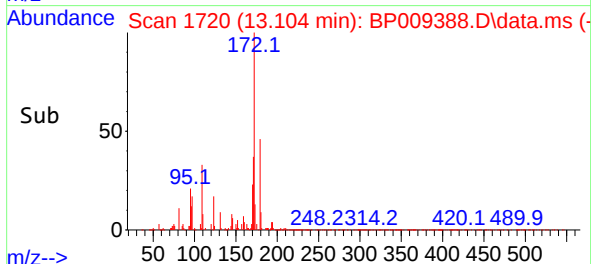
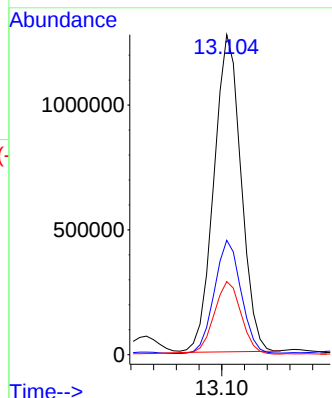
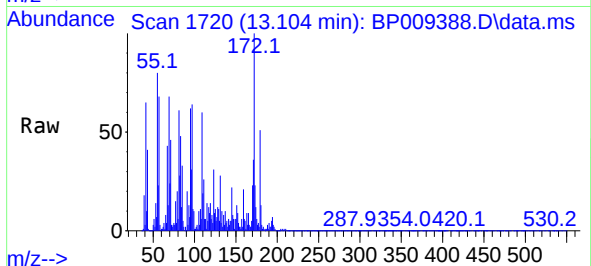




#45
2-Fluorobiphenyl
Concen: 29.702 ng
RT: 13.104 min Scan# 1717
Delta R.T. 0.017 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

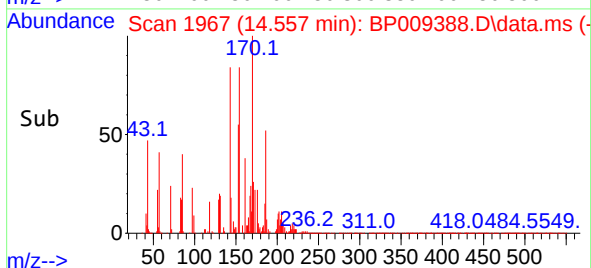
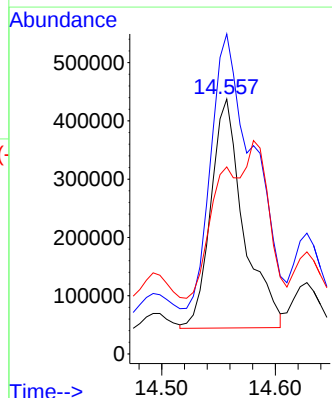
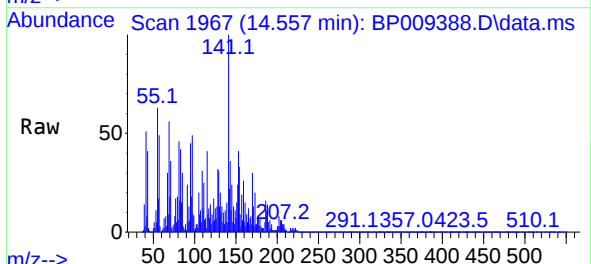
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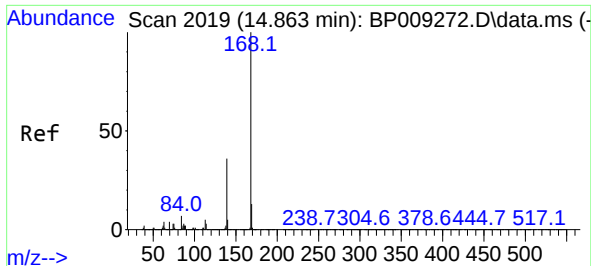
Tgt Ion:172 Resp: 2108200
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 22.9 18.6 27.8



#52
Acenaphthene
Concen: 13.149 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:154 Resp: 786004
Ion Ratio Lower Upper
154 100
153 125.5 90.2 135.4
152 73.4 42.7 64.1#

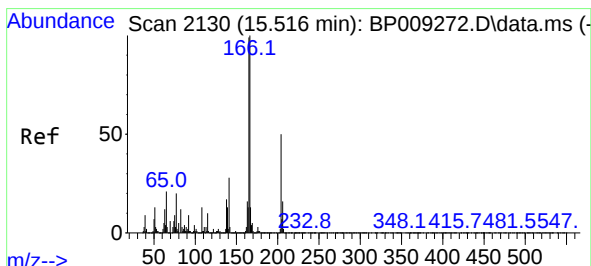
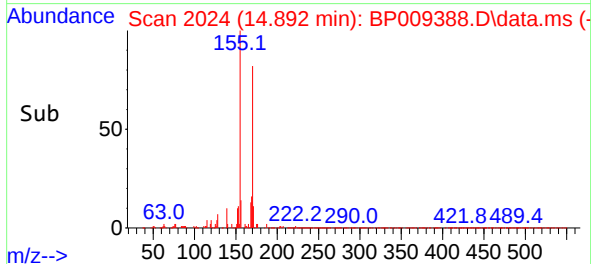
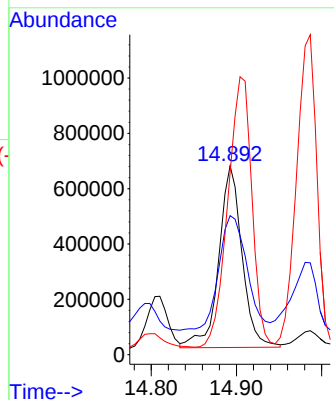
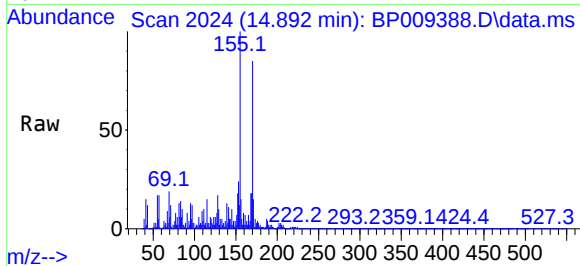




#55
Dibenzofuran
Concen: 13.721 ng
RT: 14.892 min Scan# 2019
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

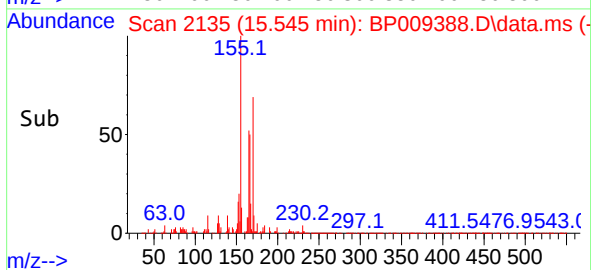
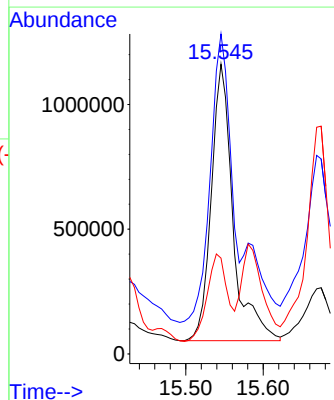
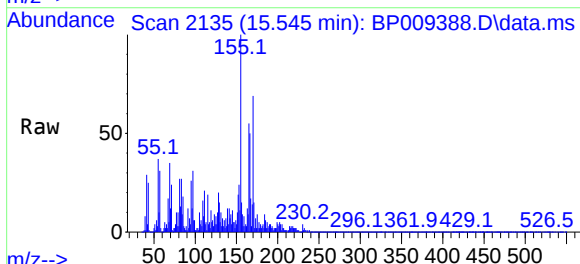
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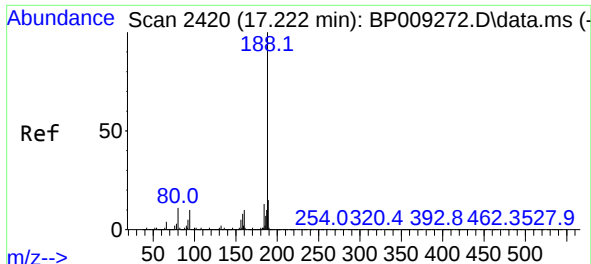
Tgt Ion:168 Resp: 1242375
Ion Ratio Lower Upper
168 100
139 73.6 29.1 43.7#
169 96.4 10.6 16.0#



#58
Fluorene
Concen: 30.535 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:166 Resp: 2165196
Ion Ratio Lower Upper
166 100
165 110.4 79.2 118.8
167 33.1 10.7 16.1#

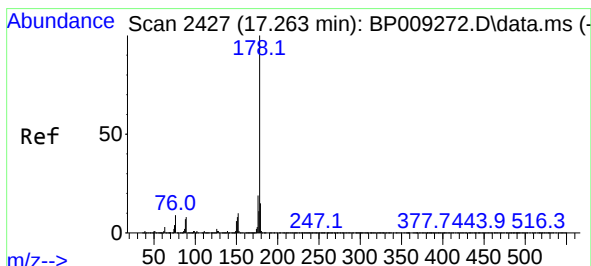
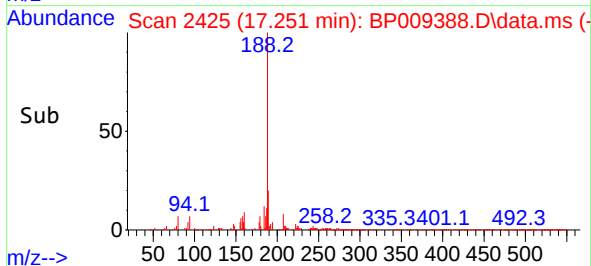
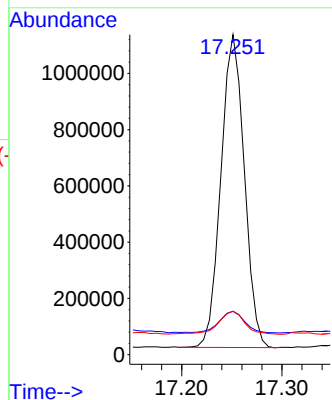
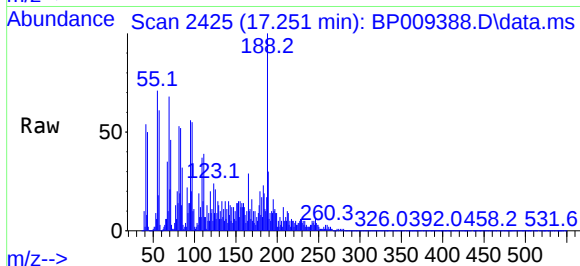




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 24
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

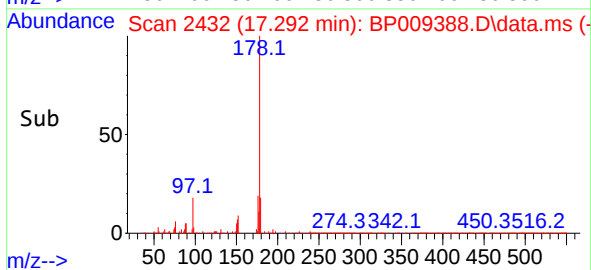
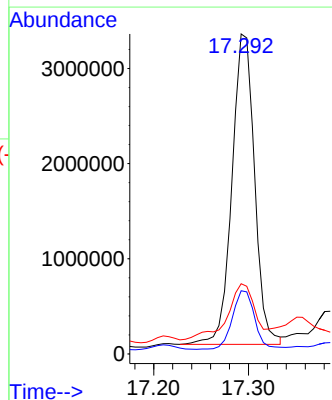
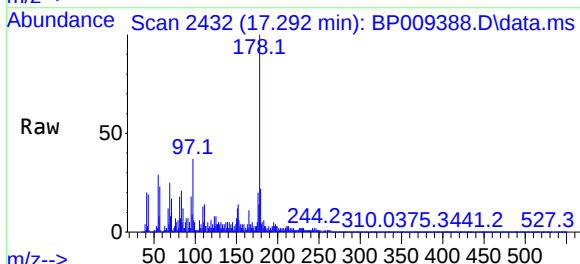
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BNA_P
ClientSampleId :
WC-14A-1A-2

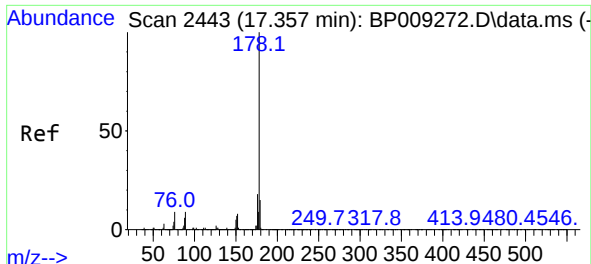
Tgt Ion:188 Resp: 1798545
Ion Ratio Lower Upper
188 100
94 13.6 7.9 11.9#
80 13.6 8.8 13.2#



#71
Phenanthrene
Concen: 52.310 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:178 Resp: 5406973
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 22.0 12.3 18.5#

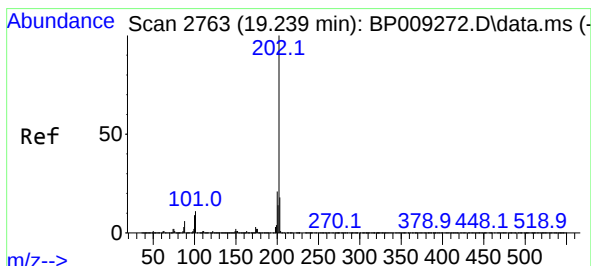
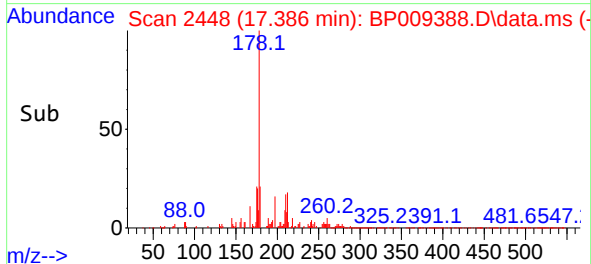
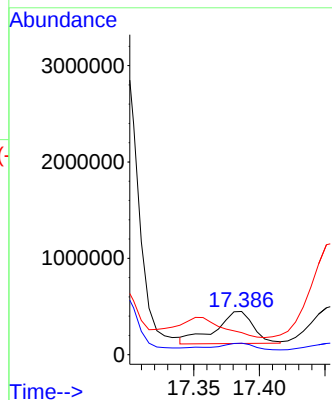
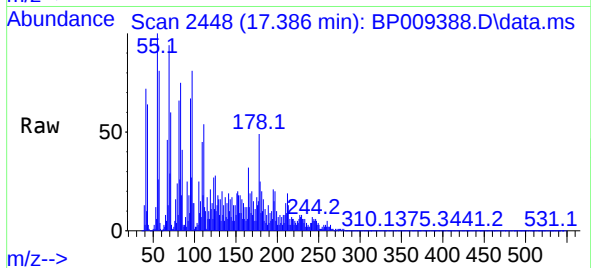




#72
 Anthracene
 Concen: 6.518 ng
 RT: 17.386 min Scan# 2443
 Delta R.T. 0.029 min
 Lab File: BP009388.D
 Acq: 14 Mar 2022 18:33

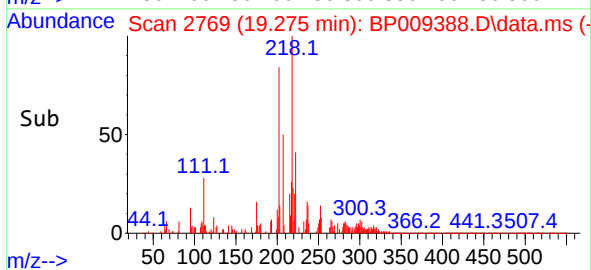
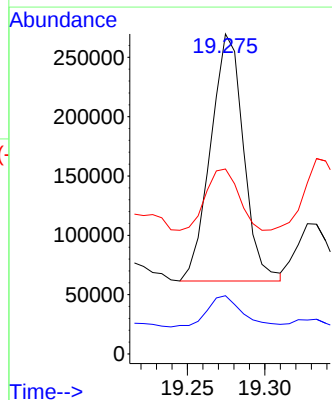
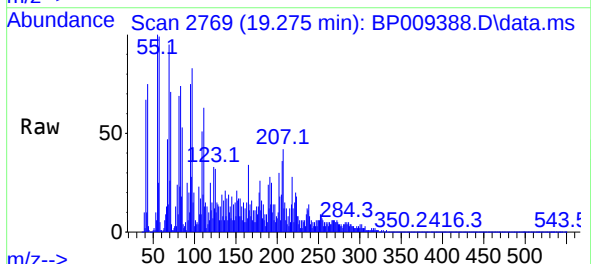
Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-2

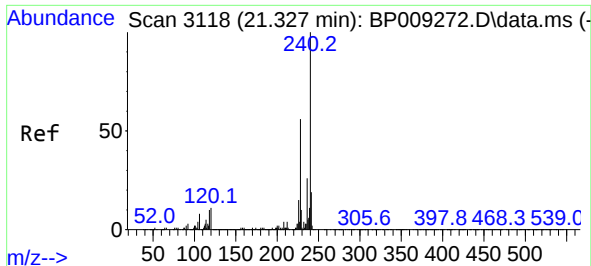
Tgt Ion:178 Resp: 670640
 Ion Ratio Lower Upper
 178 100
 176 26.6 14.8 22.2#
 179 50.9 12.2 18.4#



#75
 Fluoranthene
 Concen: 2.584 ng
 RT: 19.275 min Scan# 2769
 Delta R.T. 0.035 min
 Lab File: BP009388.D
 Acq: 14 Mar 2022 18:33

Tgt Ion:202 Resp: 308228
 Ion Ratio Lower Upper
 202 100
 101 18.2 0.0 31.5
 203 57.8 0.0 37.8#

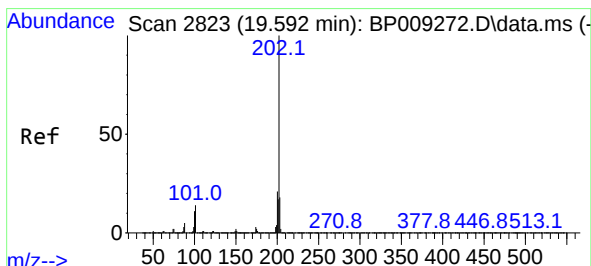
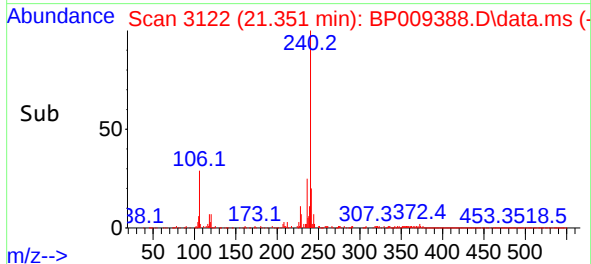
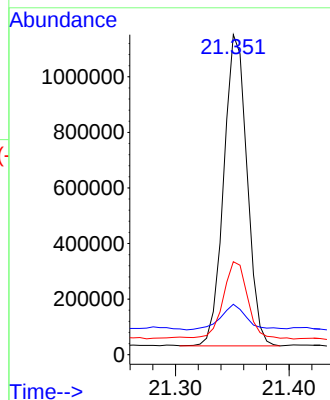
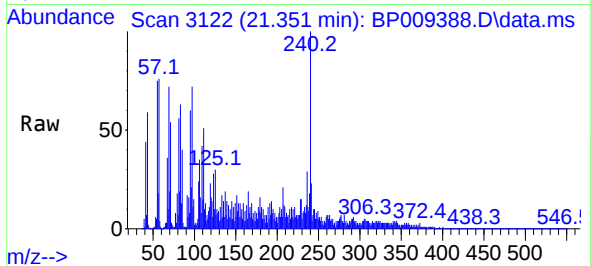




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3118
Delta R.T. 0.023 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

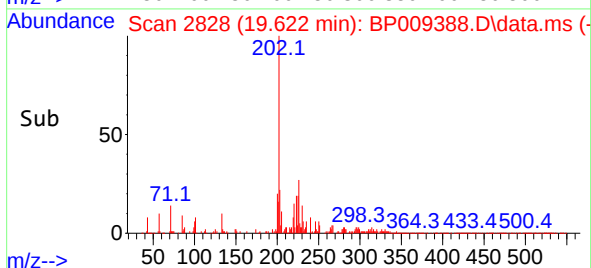
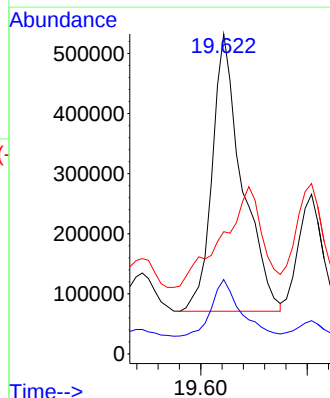
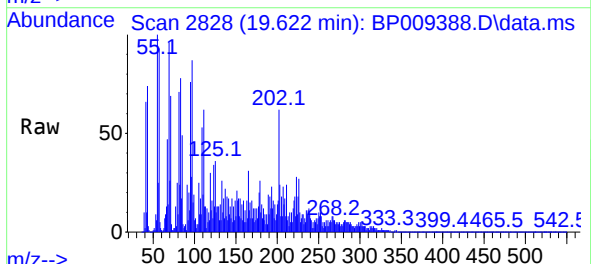
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

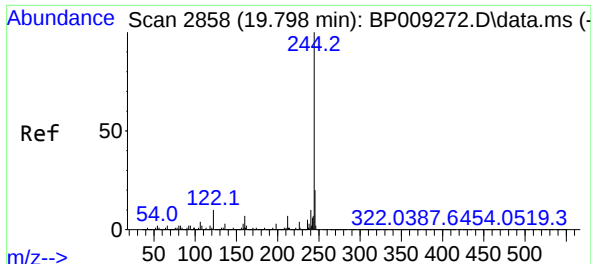
Tgt Ion:240 Resp: 1594169
Ion Ratio Lower Upper
240 100
120 15.8 9.0 13.4#
236 29.1 20.6 30.8



#78
Pyrene
Concen: 8.373 ng
RT: 19.622 min Scan# 2828
Delta R.T. 0.029 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:202 Resp: 901230
Ion Ratio Lower Upper
202 100
200 23.3 16.8 25.2
203 38.2 14.2 21.4#

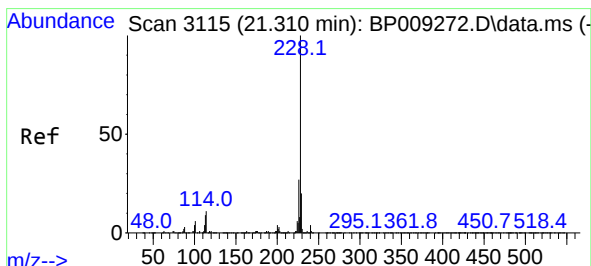
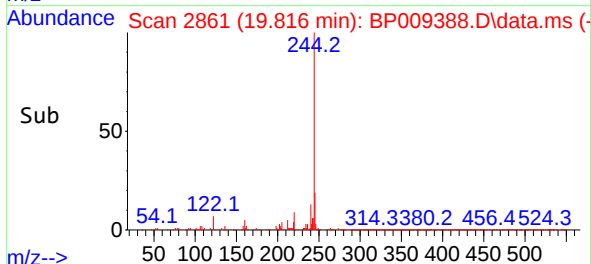
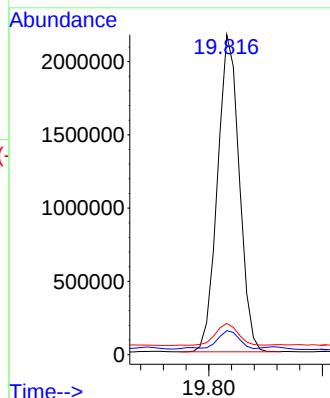
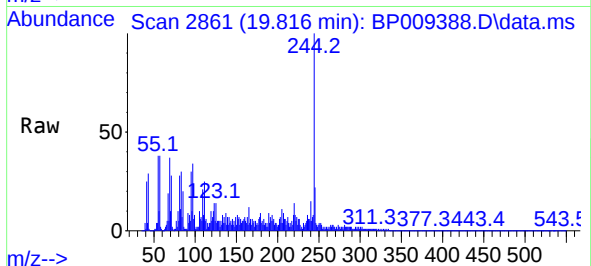




#79
 Terphenyl-d14
 Concen: 34.079 ng
 RT: 19.816 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BP009388.D
 Acq: 14 Mar 2022 18:33

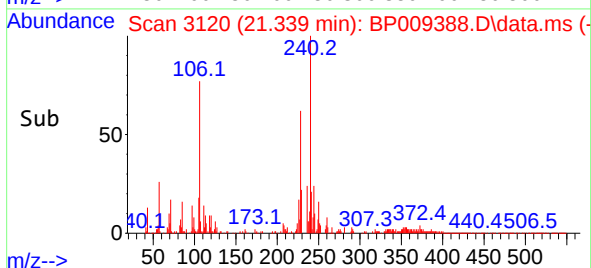
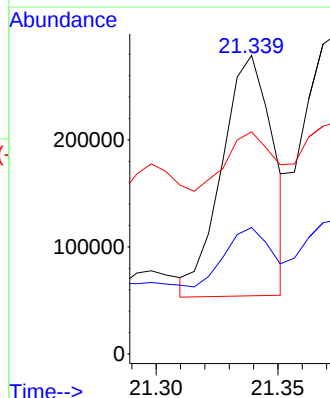
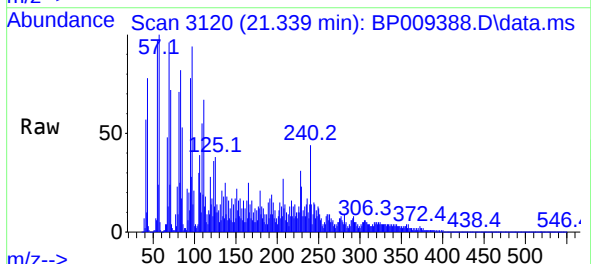
Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-2

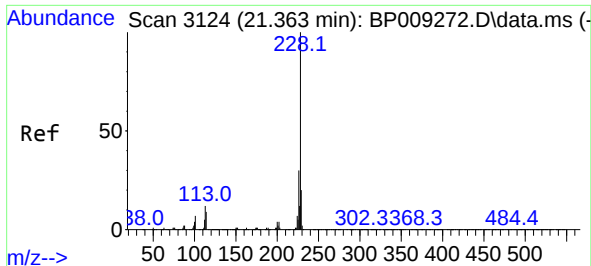
Tgt Ion:244 Resp: 2878856
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 9.8 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 3.037 ng
 RT: 21.339 min Scan# 3120
 Delta R.T. 0.029 min
 Lab File: BP009388.D
 Acq: 14 Mar 2022 18:33

Tgt Ion:228 Resp: 328190
 Ion Ratio Lower Upper
 228 100
 226 42.3 22.0 33.0#
 229 74.4 16.1 24.1#

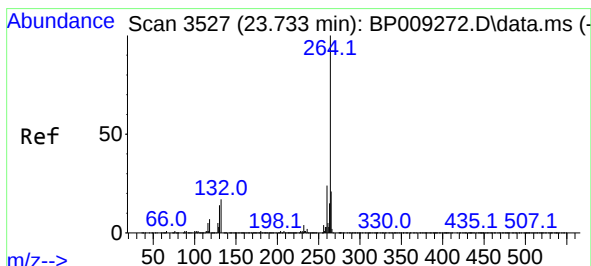
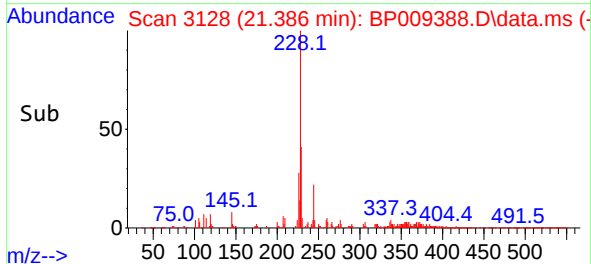
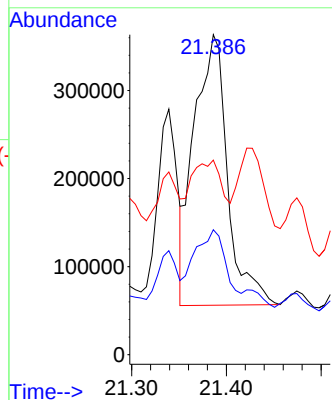
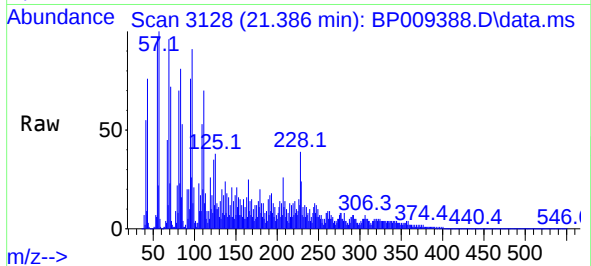




#83
Chrysene
Concen: 7.161 ng
RT: 21.386 min Scan# 3128
Delta R.T. 0.023 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-2

Tgt Ion:228 Resp: 751285
Ion Ratio Lower Upper
228 100
226 39.0 24.2 36.2#
229 60.8 16.1 24.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3536
Delta R.T. 0.053 min
Lab File: BP009388.D
Acq: 14 Mar 2022 18:33

Tgt Ion:264 Resp: 1795934
Ion Ratio Lower Upper
264 100
260 25.7 19.4 29.0
265 26.3 17.2 25.8#

