

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009394.D
 Acq On : 14 Mar 2022 21:55
 Operator : CG/JU
 Sample : N1905-17 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-4

Quant Time: Mar 15 01:01:57 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)

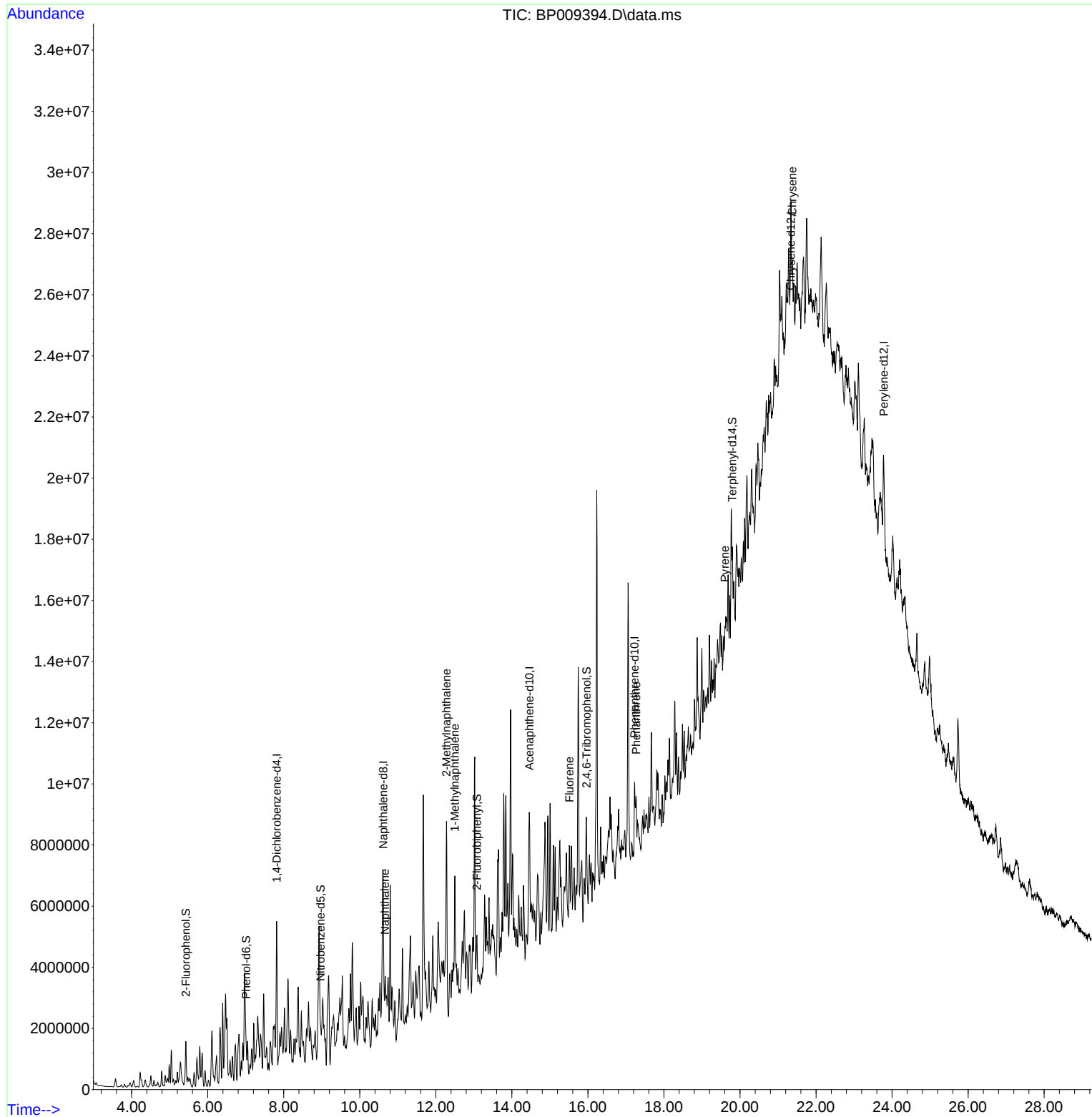
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	458172	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	1661341	20.000	ng	# 0.00
39) Acenaphthene-d10	14.463	164	941131	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	1608674	20.000	ng	0.00
76) Chrysene-d12	21.339	240	1661950	20.000	ng	# 0.01
86) Perylene-d12	23.780	264	1930035	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	404211	12.878	ng	0.01
7) Phenol-d6	7.011	99	501727	12.578	ng	0.02
23) Nitrobenzene-d5	8.969	82	365364	12.113	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	206950	18.211	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	761784	11.131	ng	0.00
79) Terphenyl-d14	19.798	244	938401	10.655	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.663	128	691544	7.517	ng	# 92
37) 2-Methylnaphthalene	12.281	142	2036762	31.159	ng	97
38) 1-Methylnaphthalene	12.499	142	1717539	28.530	ng	100
58) Fluorene	15.516	166	292087	4.272	ng	# 81
71) Phenanthrene	17.269	178	894398	9.674	ng	# 89
78) Pyrene	19.604	202	391417	3.488	ng	# 79
83) Chrysene	21.375	228	508980	4.654	ng	# 45

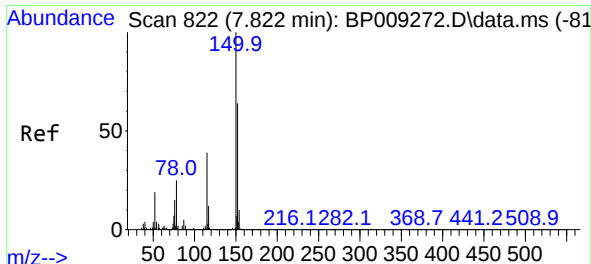
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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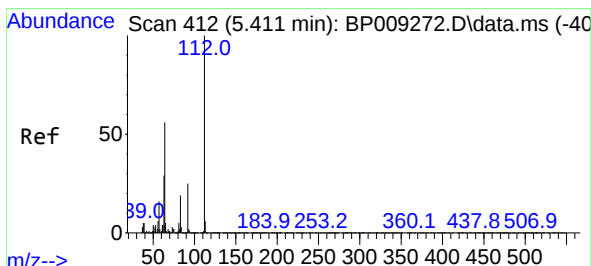
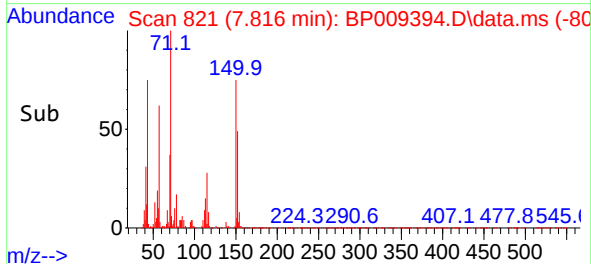
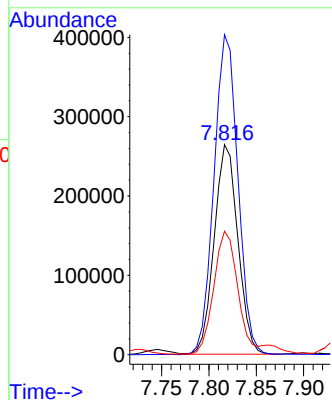
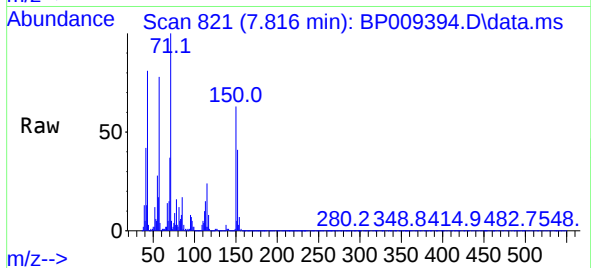




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

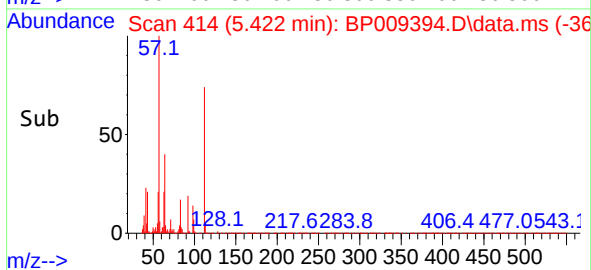
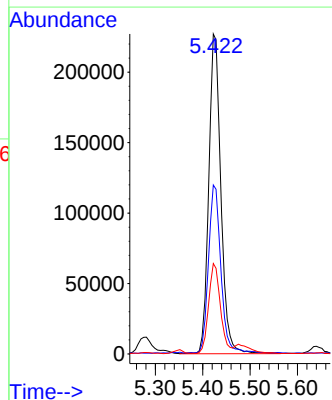
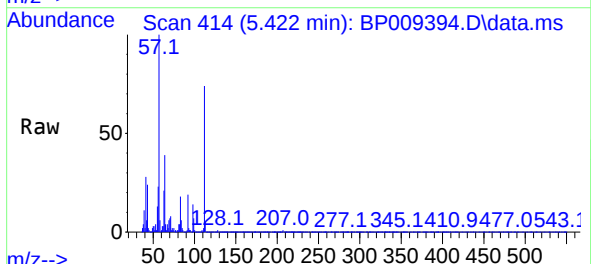
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BNA_P
ClientSampleId :
WC-14A-1A-4

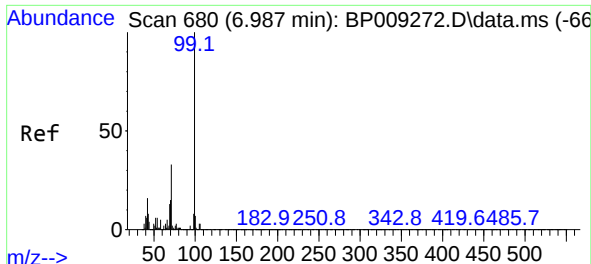
Tgt Ion:152 Resp: 458172
Ion Ratio Lower Upper
152 100
150 152.4 124.5 186.7
115 58.8 48.2 72.4



#5
2-Fluorophenol
Concen: 12.878 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

Tgt Ion:112 Resp: 404211
Ion Ratio Lower Upper
112 100
64 52.8 45.0 67.4
63 28.3 23.0 34.6

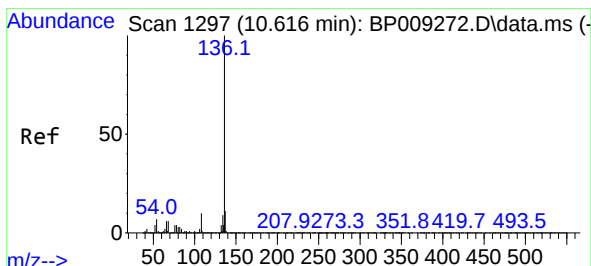
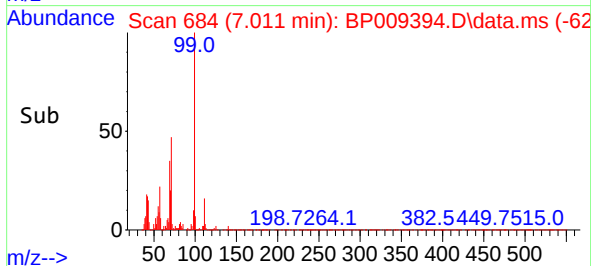
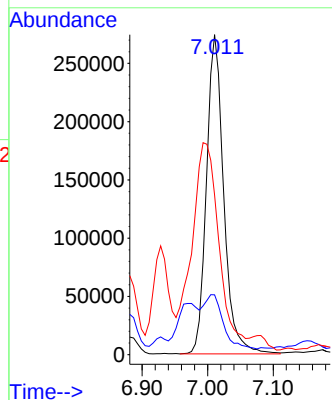
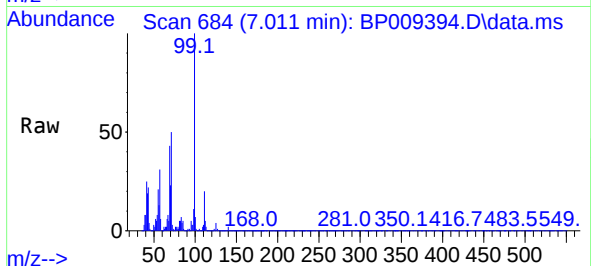




#7
Phenol-d6
Concen: 12.578 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

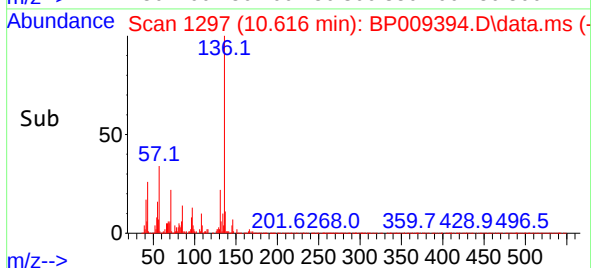
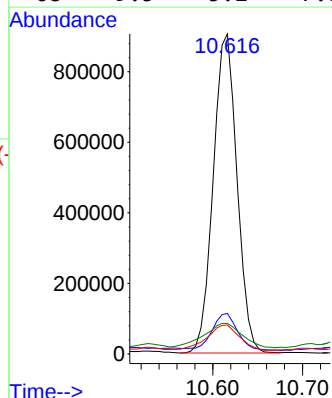
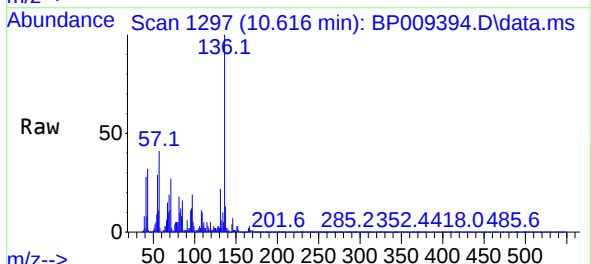
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-4

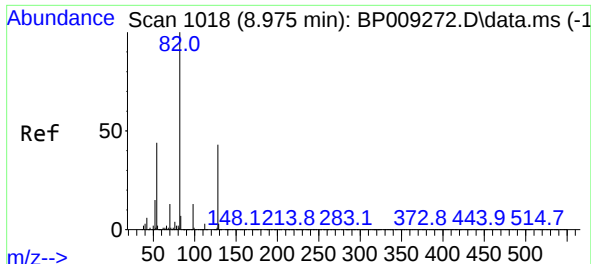
Tgt Ion: 99 Resp: 501727
Ion Ratio Lower Upper
99 100
42 18.7 12.8 19.2
71 49.9 26.3 39.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

Tgt Ion: 136 Resp: 1661341
Ion Ratio Lower Upper
136 100
137 12.6 8.6 12.8
54 9.1 5.8 8.8#
68 9.5 5.2 7.8#

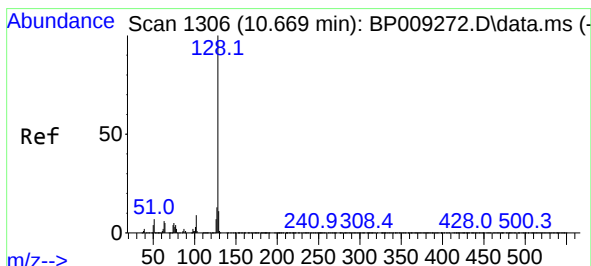
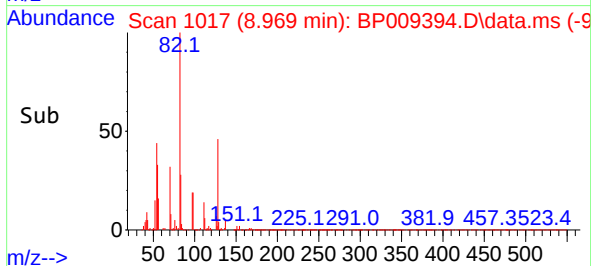
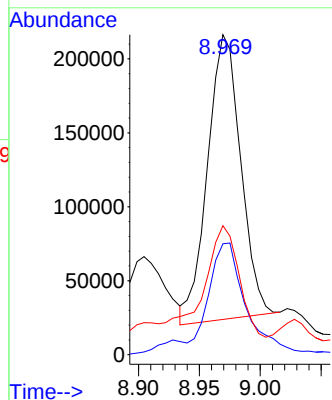
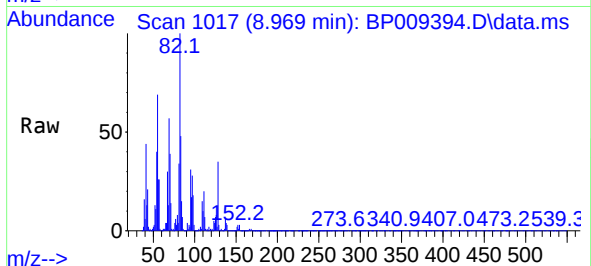




#23
Nitrobenzene-d5
Concen: 12.113 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

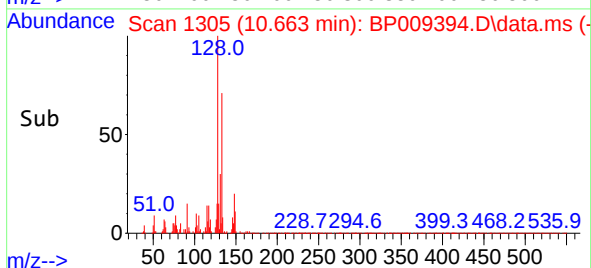
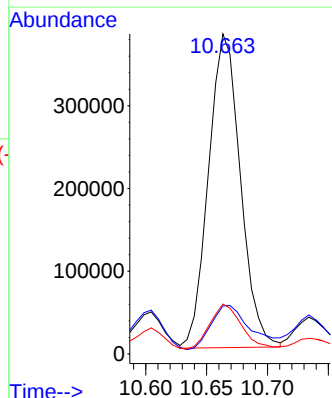
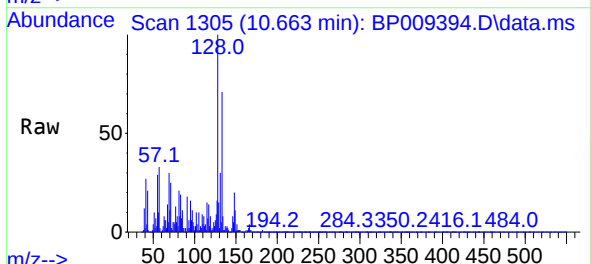
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-4

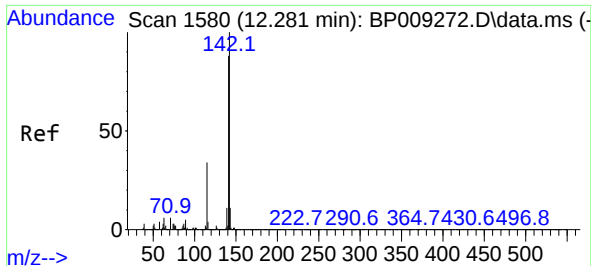
Tgt Ion: 82 Resp: 365364
Ion Ratio Lower Upper
82 100
128 34.6 34.2 51.4
54 40.3 34.7 52.1



#31
Naphthalene
Concen: 7.517 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

Tgt Ion: 128 Resp: 691544
Ion Ratio Lower Upper
128 100
129 15.0 8.6 13.0#
127 15.6 10.5 15.7

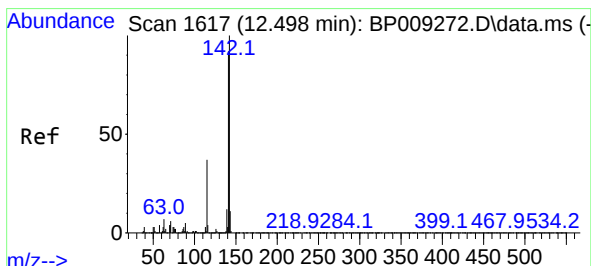
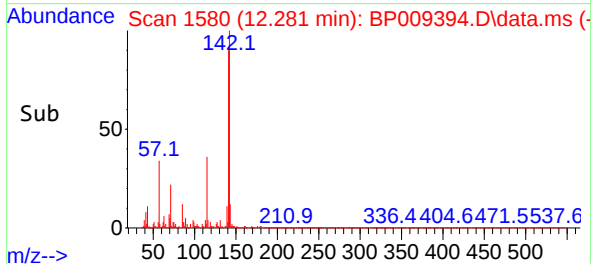
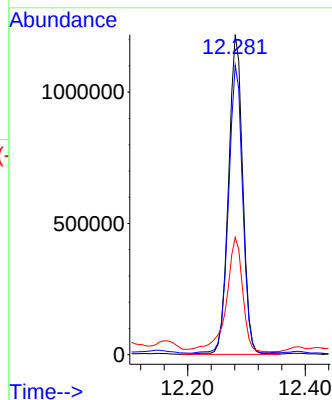
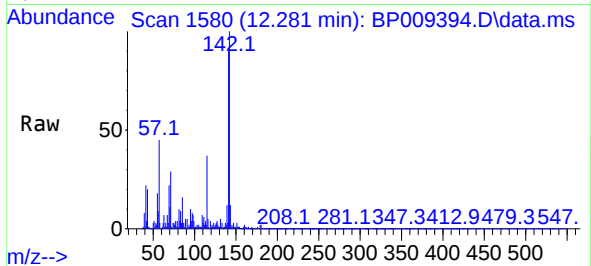




#37
2-Methylnaphthalene
Concen: 31.159 ng
RT: 12.281 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

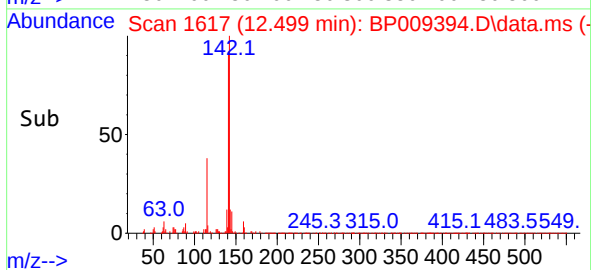
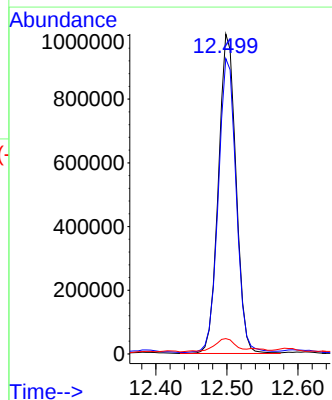
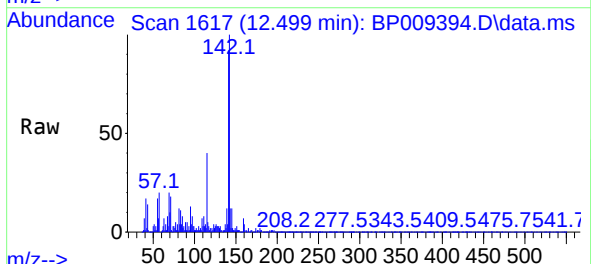
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-4

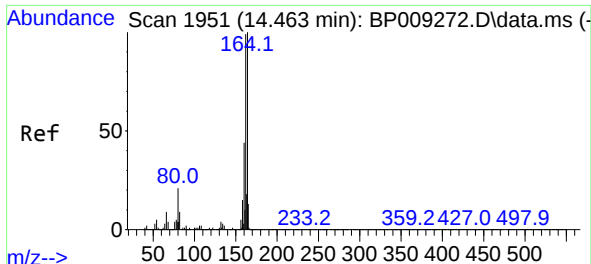
Tgt Ion:142 Resp: 2036762
Ion Ratio Lower Upper
142 100
141 90.5 70.2 105.4
115 36.6 27.4 41.2



#38
1-Methylnaphthalene
Concen: 28.530 ng
RT: 12.499 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

Tgt Ion:142 Resp: 1717539
Ion Ratio Lower Upper
142 100
141 92.3 73.5 110.3
116 4.8 3.3 4.9

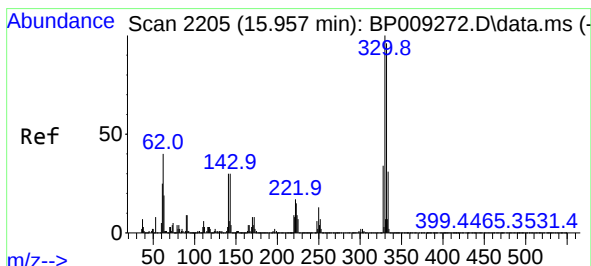
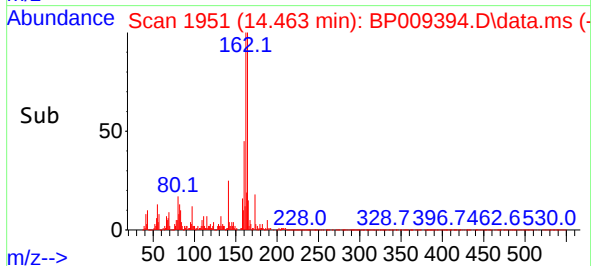
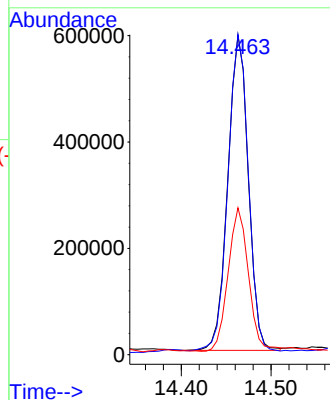
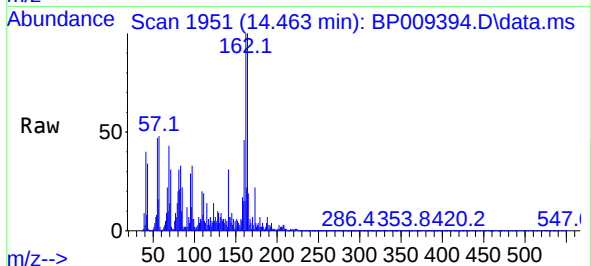




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

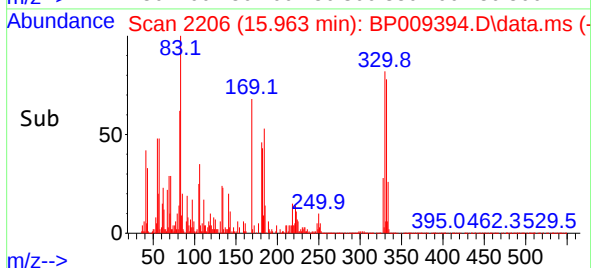
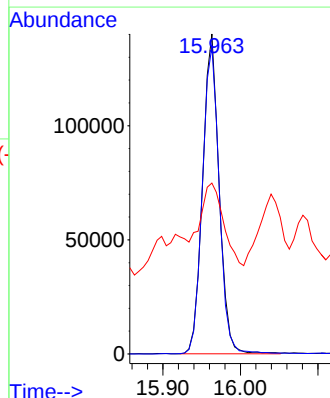
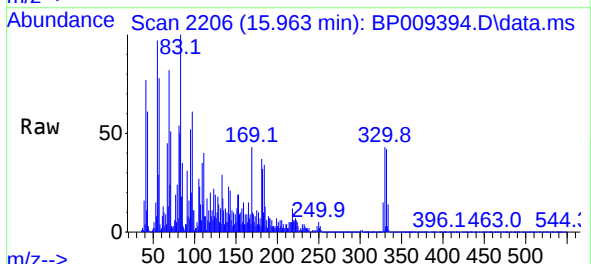
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ClientSampleId :
WC-14A-1A-4

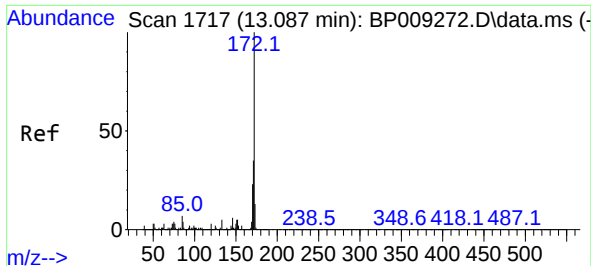
Tgt Ion:164 Resp: 941131
Ion Ratio Lower Upper
164 100
162 100.2 79.1 118.7
160 46.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 18.211 ng
RT: 15.963 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

Tgt Ion:330 Resp: 206950
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 36.1 27.6 41.4

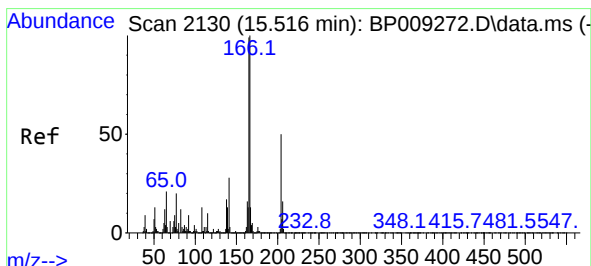
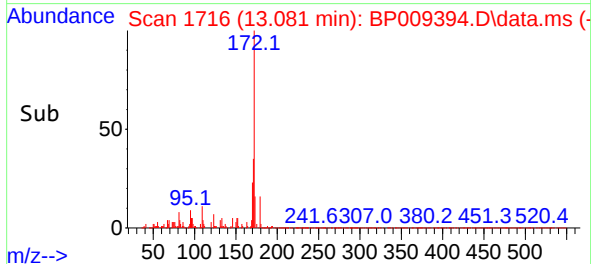
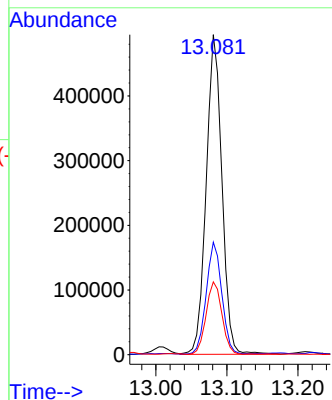
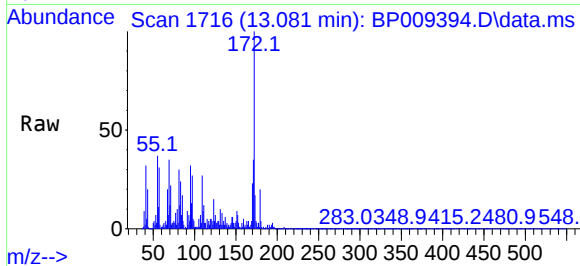




#45
2-Fluorobiphenyl
Concen: 11.131 ng
RT: 13.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

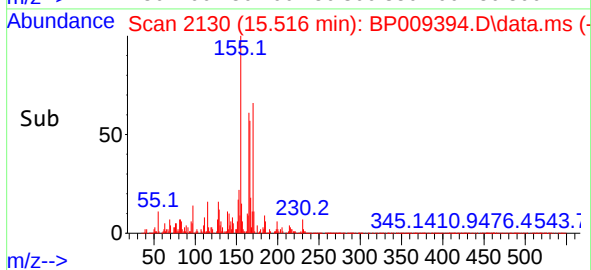
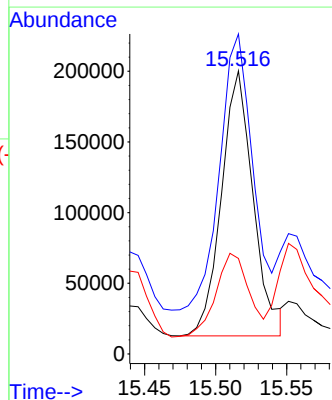
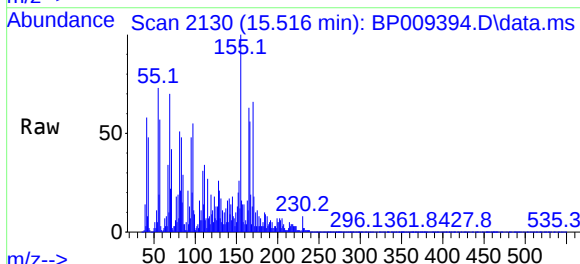
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WC-14A-1A-4

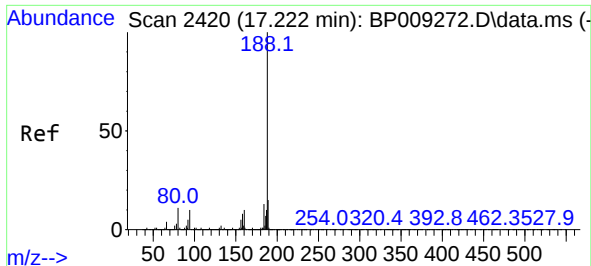
Tgt Ion:172 Resp: 761784
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 22.8 18.6 27.8



#58
Fluorene
Concen: 4.272 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

Tgt Ion:166 Resp: 292087
Ion Ratio Lower Upper
166 100
165 113.1 79.2 118.8
167 33.8 10.7 16.1#

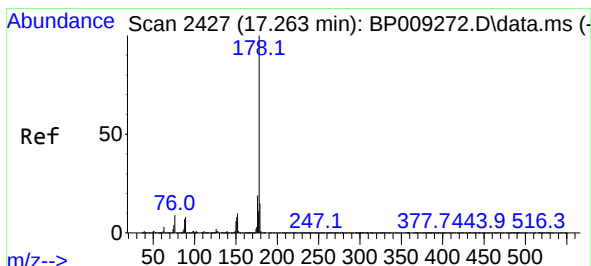
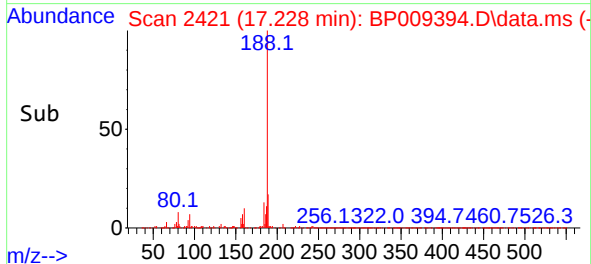
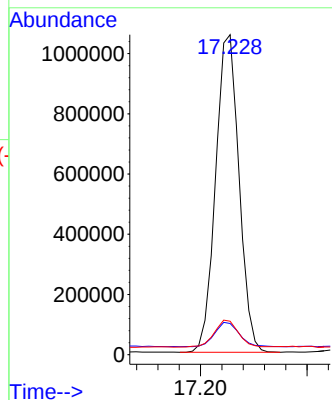
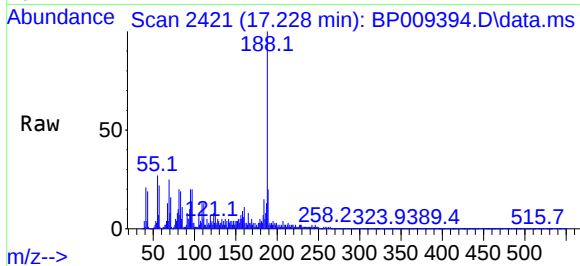




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

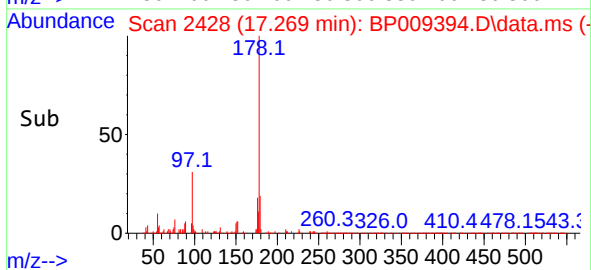
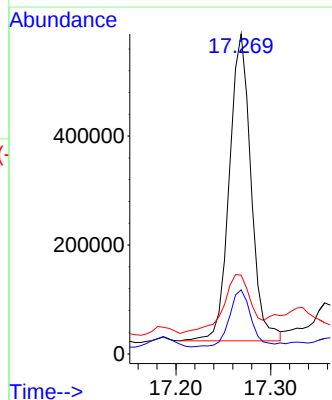
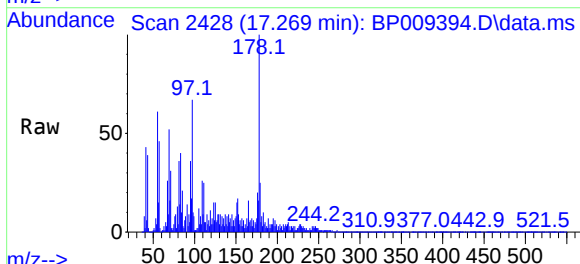
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-4

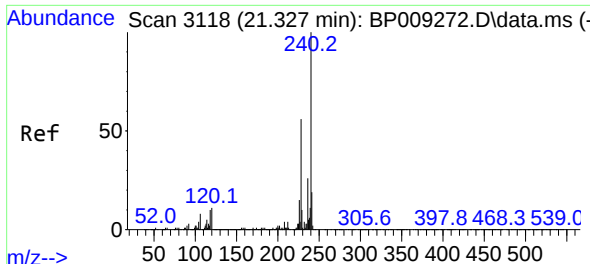
Tgt Ion:188 Resp: 1608674
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.4 8.8 13.2



#71
Phenanthrene
Concen: 9.674 ng
RT: 17.269 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

Tgt Ion:178 Resp: 894398
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.2
179 24.7 12.3 18.5#

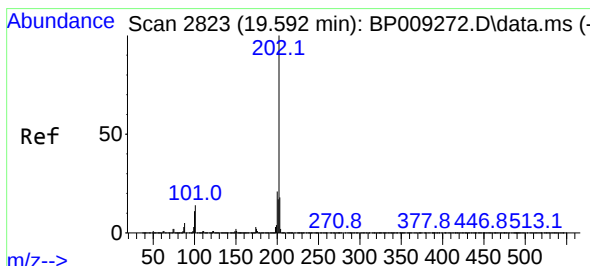
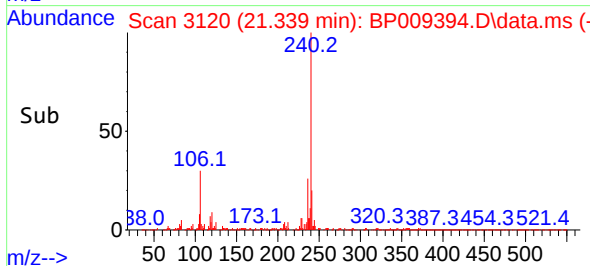
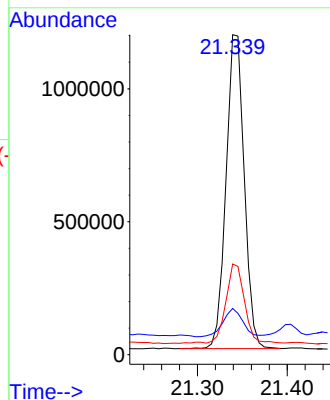
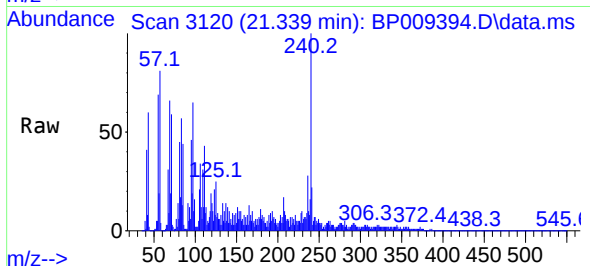




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

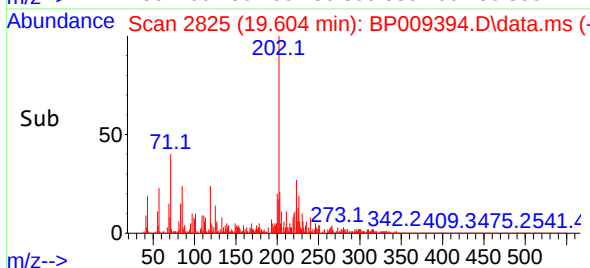
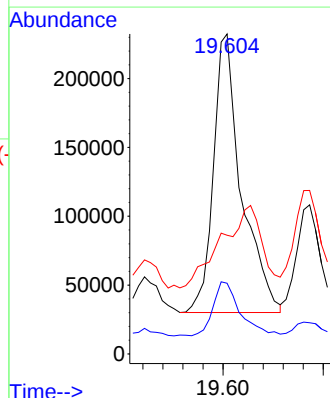
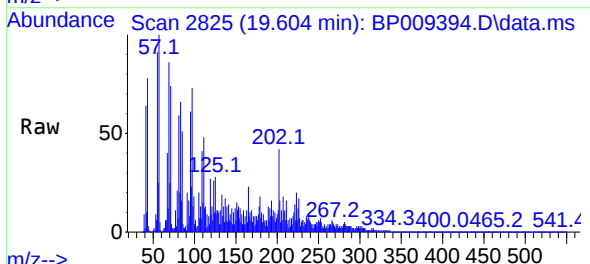
Instrument :
BNA_P
ClientSampleId :
WC-14A-1A-4

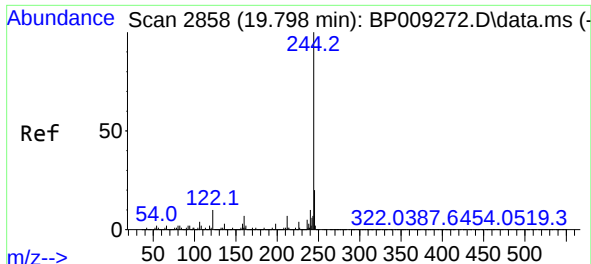
Tgt Ion:240 Resp: 1661950
Ion Ratio Lower Upper
240 100
120 14.4 9.0 13.4#
236 28.3 20.6 30.8



#78
Pyrene
Concen: 3.488 ng
RT: 19.604 min Scan# 2825
Delta R.T. 0.012 min
Lab File: BP009394.D
Acq: 14 Mar 2022 21:55

Tgt Ion:202 Resp: 391417
Ion Ratio Lower Upper
202 100
200 22.1 16.8 25.2
203 37.1 14.2 21.4#

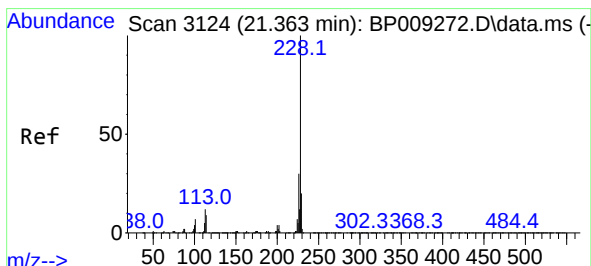
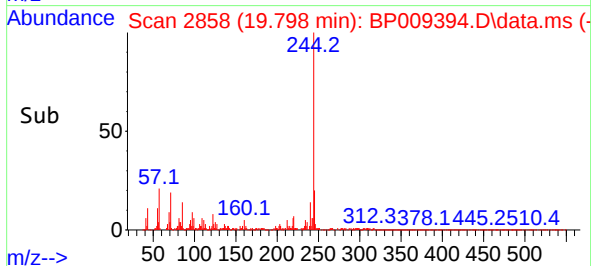
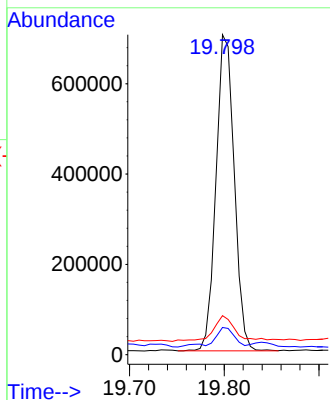
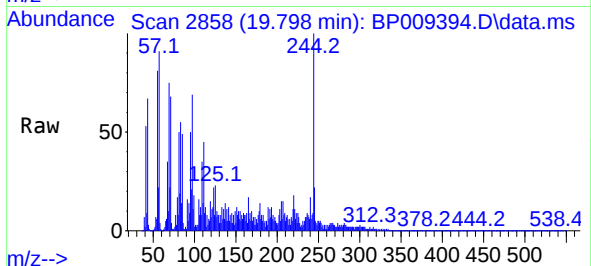




#79
 Terphenyl-d14
 Concen: 10.655 ng
 RT: 19.798 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP009394.D
 Acq: 14 Mar 2022 21:55

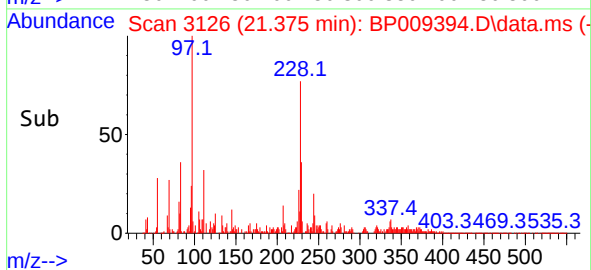
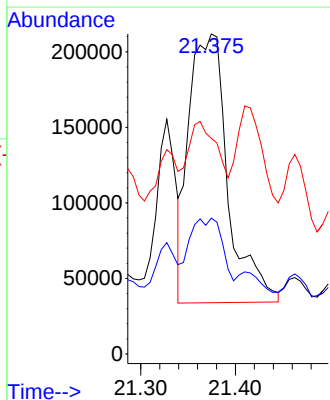
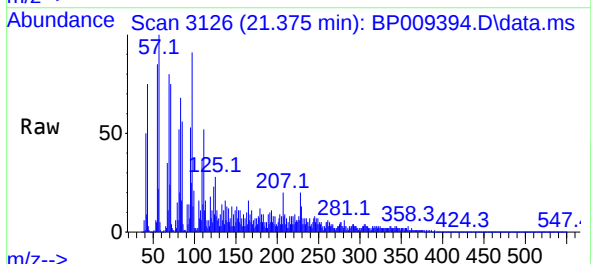
Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-4

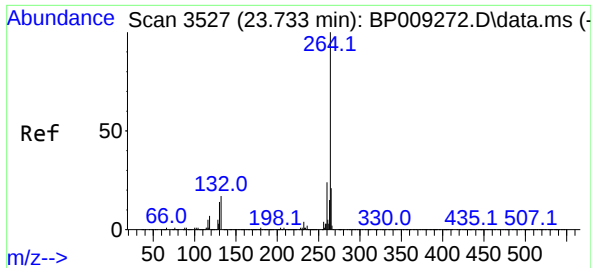
Tgt Ion:244 Resp: 938401
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.6
 122 12.2 8.3 12.5



#83
 Chrysene
 Concen: 4.654 ng
 RT: 21.375 min Scan# 3126
 Delta R.T. 0.012 min
 Lab File: BP009394.D
 Acq: 14 Mar 2022 21:55

Tgt Ion:228 Resp: 508980
 Ion Ratio Lower Upper
 228 100
 226 42.5 24.2 36.2#
 229 67.4 16.1 24.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 31
 Delta R.T. 0.047 min
 Lab File: BP009394.D
 Acq: 14 Mar 2022 21:55

Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1A-4

Tgt Ion:264 Resp: 1930035
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.4 29.0
 265 25.3 17.2 25.8

