

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009389.D
 Acq On : 14 Mar 2022 19:07
 Operator : CG/JU
 Sample : N1908-09 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 15 01:01:12 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)

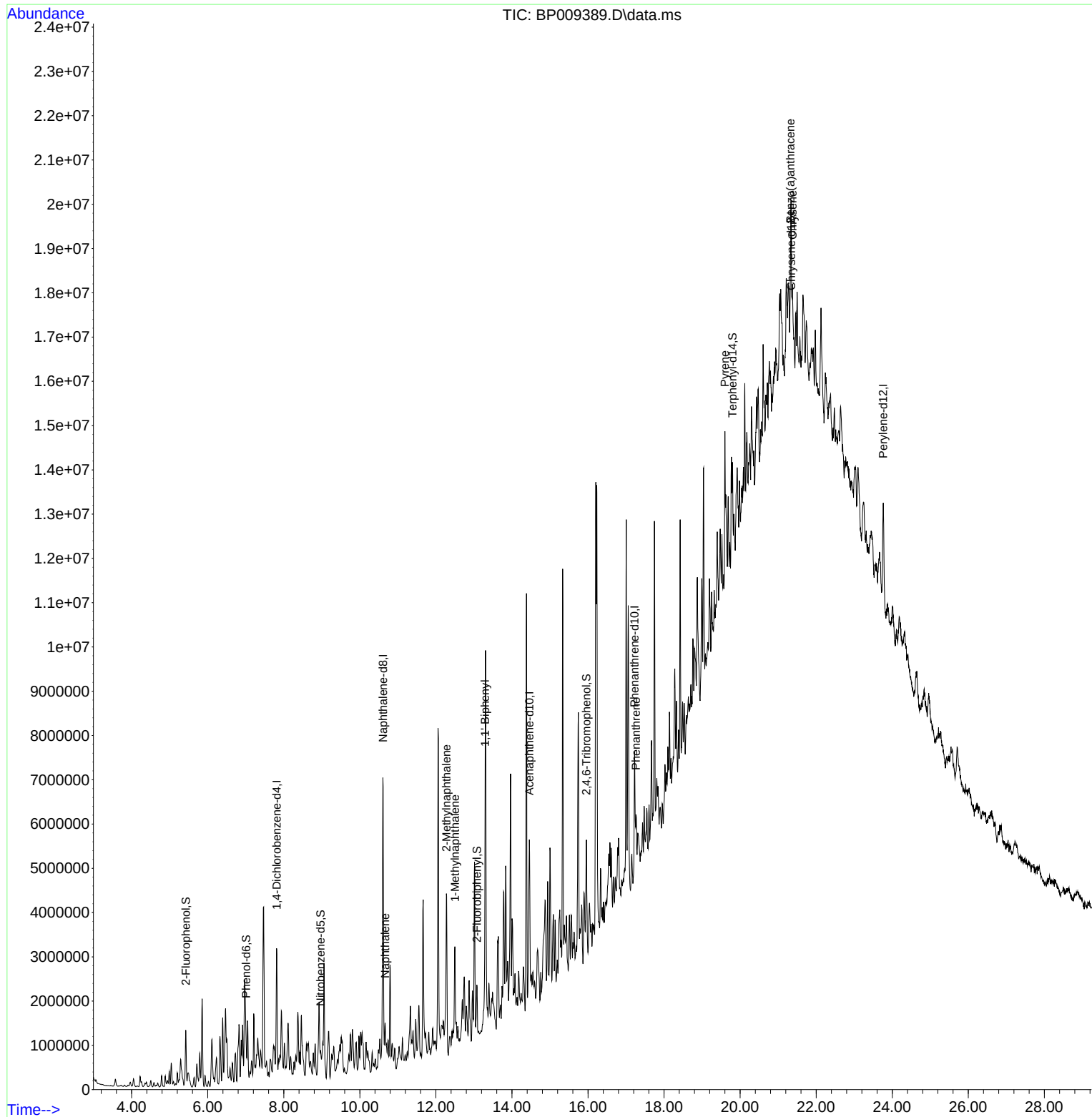
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	433239	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	1661256	20.00	ng	0.00
39) Acenaphthene-d10	14.457	164	1026635	20.00	ng	0.00
64) Phenanthrene-d10	17.222	188	1999284	20.00	ng	0.00
76) Chrysene-d12	21.339	240	1573132	20.00	ng	0.01
86) Perylene-d12	23.763	264	1708675	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	307134	10.35	ng	0.01
7) Phenol-d6	7.011	99	394168	10.45	ng	0.02
23) Nitrobenzene-d5	8.969	82	257739	8.55	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	206771	16.68	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	605946	8.12	ng	0.00
79) Terphenyl-d14	19.798	244	800980	9.61	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.663	128	587120	6.38	ng	97
37) 2-Methylnaphthalene	12.281	142	1366866	20.91	ng	98
38) 1-Methylnaphthalene	12.499	142	1018148	16.91	ng	99
46) 1,1'-Biphenyl	13.293	154	190307	2.27	ng	97
71) Phenanthrene	17.263	178	687109	5.98	ng	# 91
78) Pyrene	19.598	202	404298	3.81	ng	# 82
81) Benzo(a)anthracene	21.322	228	291984	2.74	ng	# 52
83) Chrysene	21.375	228	611229	5.90	ng	# 61

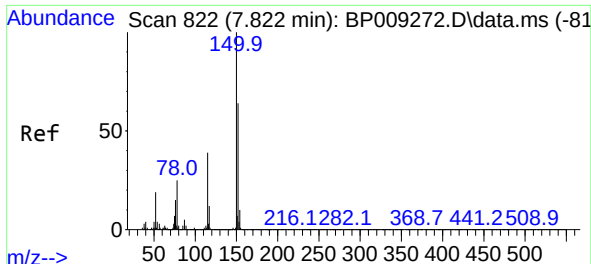
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009389.D
Acq On : 14 Mar 2022 19:07
Operator : CG/JU
Sample : N1908-09 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 15 01:01:12 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

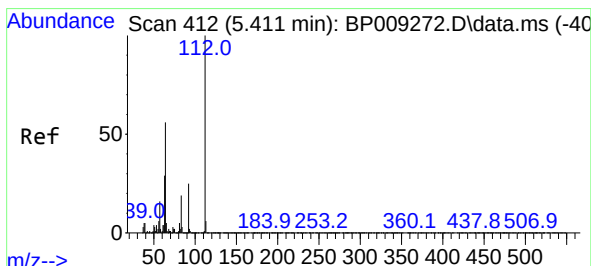
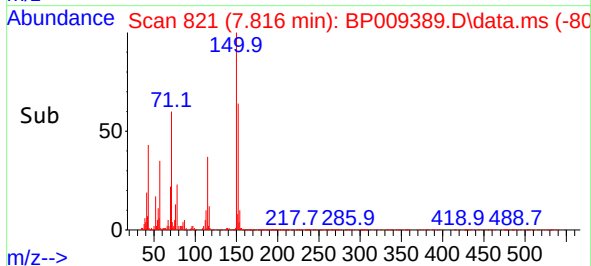
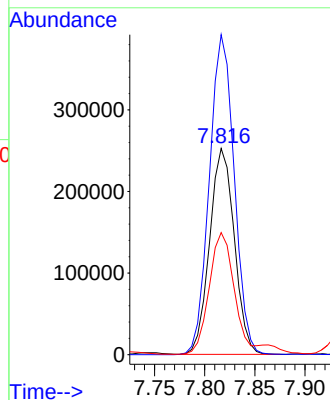
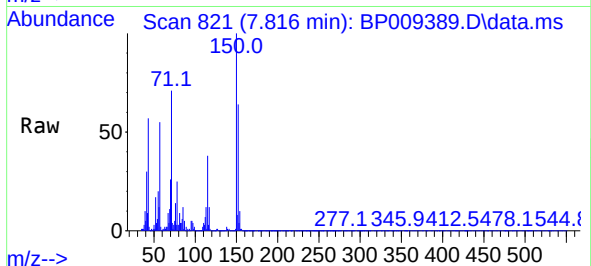




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

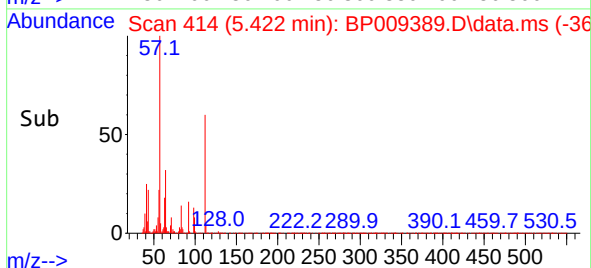
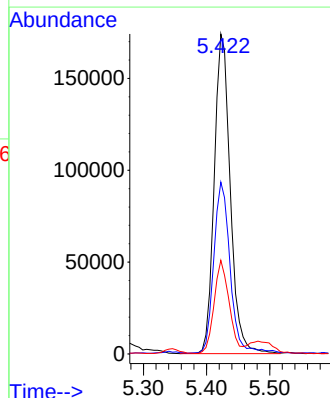
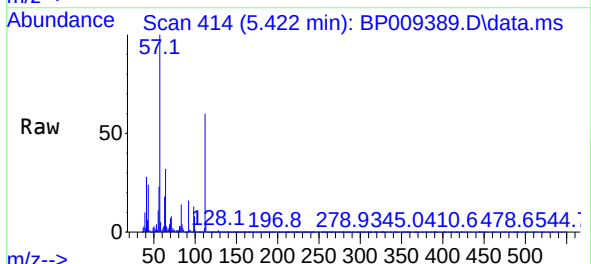
Instrument :
BNA_P
ClientSampleId :
WC-14A-1B

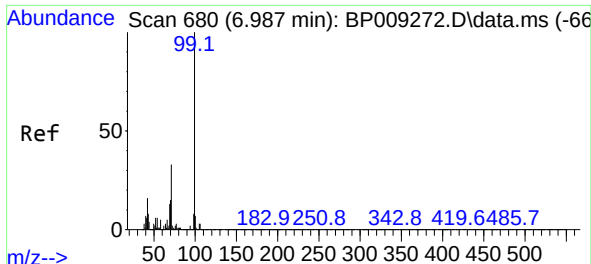
Tgt Ion:152 Resp: 433239
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 59.2 48.2 72.4



#5
2-Fluorophenol
Concen: 10.35 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.011 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

Tgt Ion:112 Resp: 307134
Ion Ratio Lower Upper
112 100
64 53.7 45.0 67.4
63 29.3 23.0 34.6

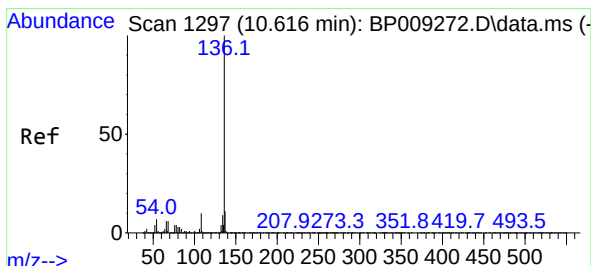
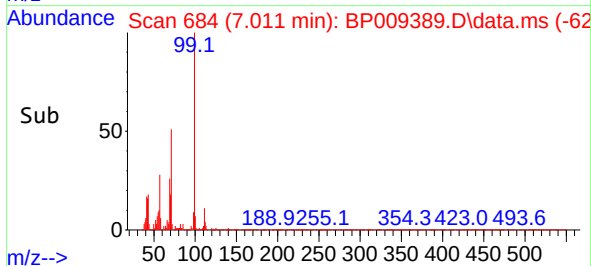
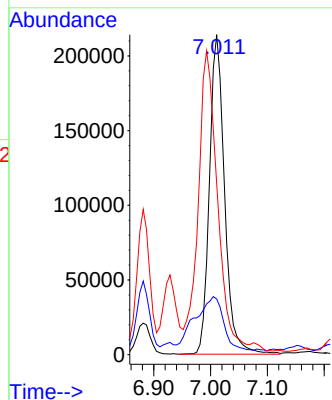
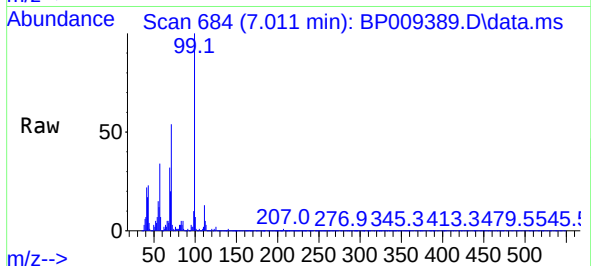




#7
Phenol-d6
Concen: 10.45 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

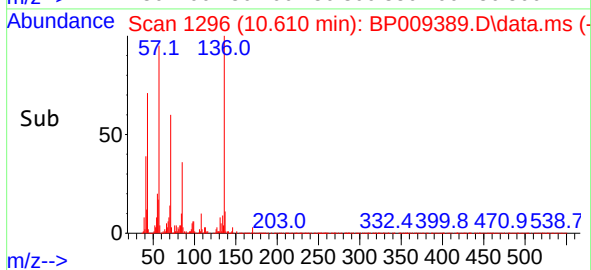
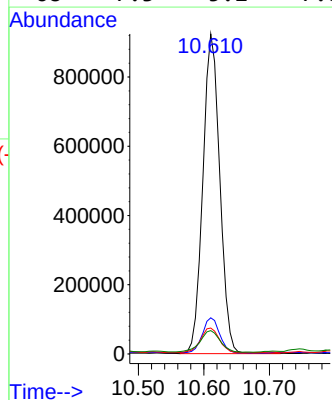
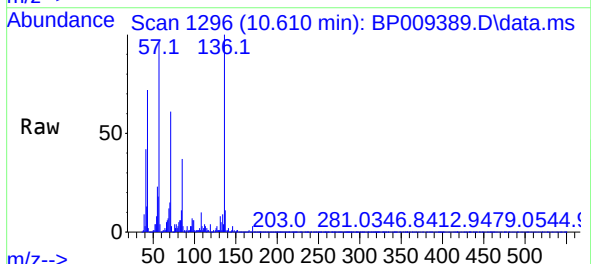
Instrument :
BNA_P
ClientSampleId :
WC-14A-1B

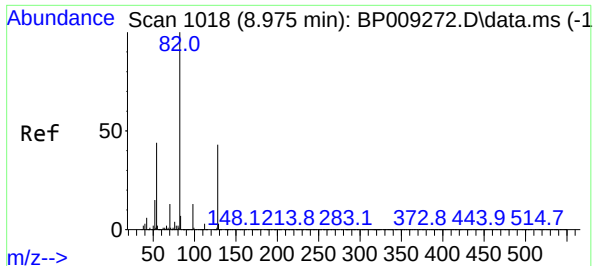
Tgt Ion: 99 Resp: 394168
Ion Ratio Lower Upper
99 100
42 17.4 12.8 19.2
71 53.5 26.3 39.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

Tgt Ion:136 Resp: 1661256
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 8.1 5.8 8.8
68 7.3 5.2 7.8

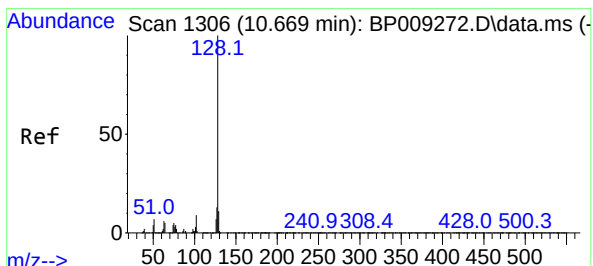
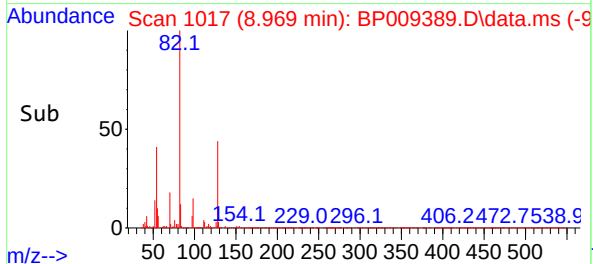
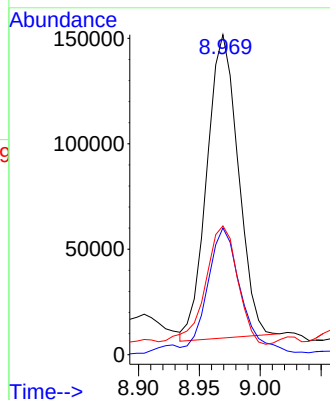
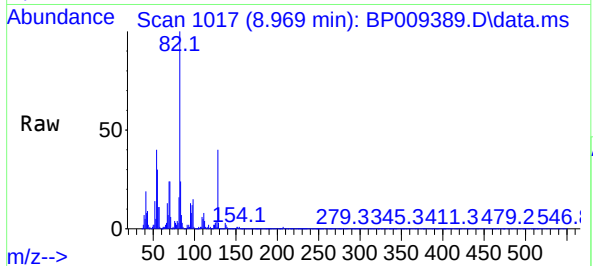




#23
Nitrobenzene-d5
Concen: 8.55 ng
RT: 8.969 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

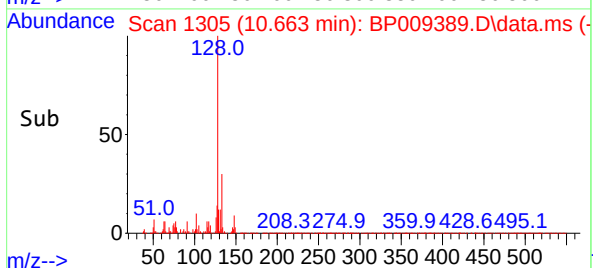
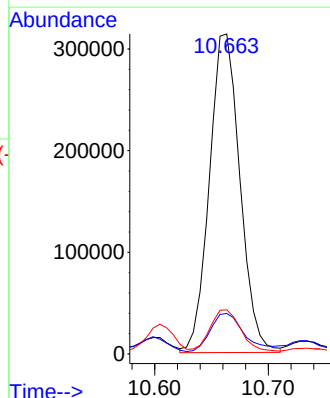
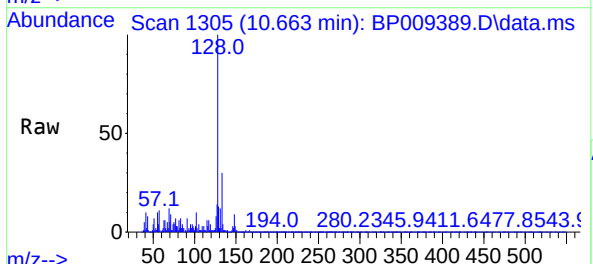
Instrument :
BNA_P
ClientSampleId :
WC-14A-1B

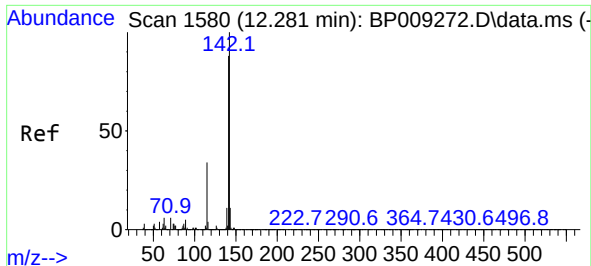
Tgt Ion: 82 Resp: 257739
Ion Ratio Lower Upper
82 100
128 39.6 34.2 51.4
54 40.2 34.7 52.1



#31
Naphthalene
Concen: 6.38 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

Tgt Ion: 128 Resp: 587120
Ion Ratio Lower Upper
128 100
129 12.6 8.6 13.0
127 13.8 10.5 15.7

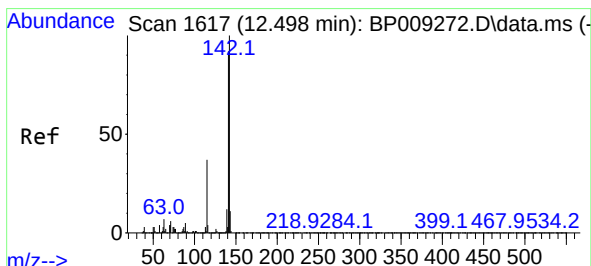
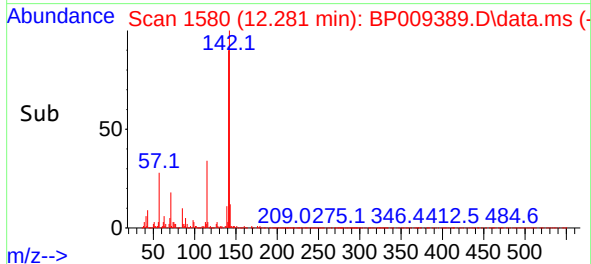
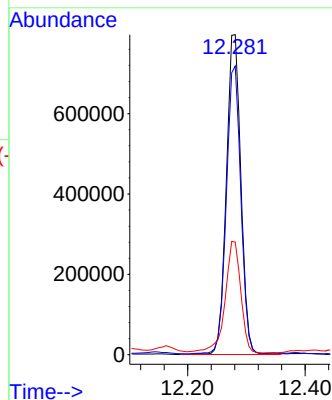
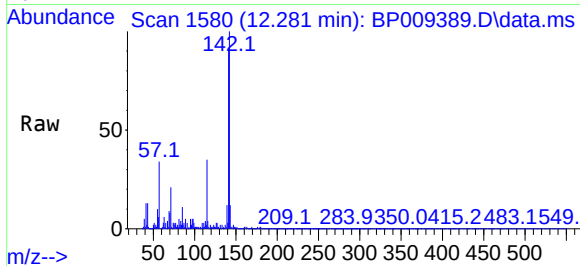




#37
2-Methylnaphthalene
Concen: 20.91 ng
RT: 12.281 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

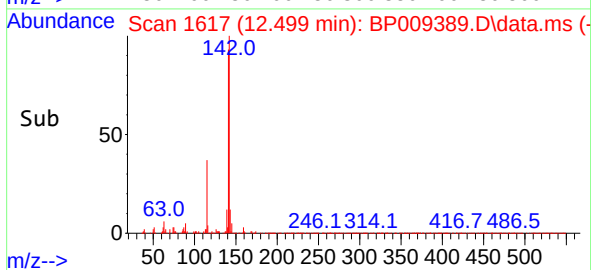
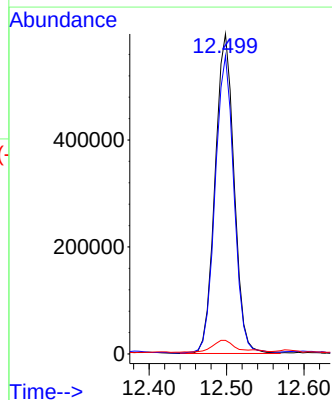
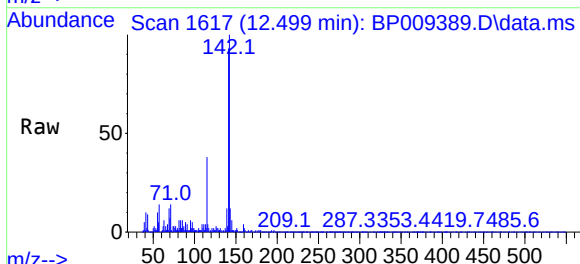
Instrument :
BNA_P
ClientSampleId :
WC-14A-1B

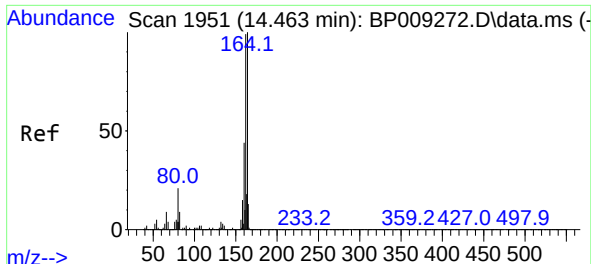
Tgt Ion:142 Resp: 1366866
Ion Ratio Lower Upper
142 100
141 90.2 70.2 105.4
115 35.2 27.4 41.2



#38
1-Methylnaphthalene
Concen: 16.91 ng
RT: 12.499 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

Tgt Ion:142 Resp: 1018148
Ion Ratio Lower Upper
142 100
141 93.2 73.5 110.3
116 4.2 3.3 4.9

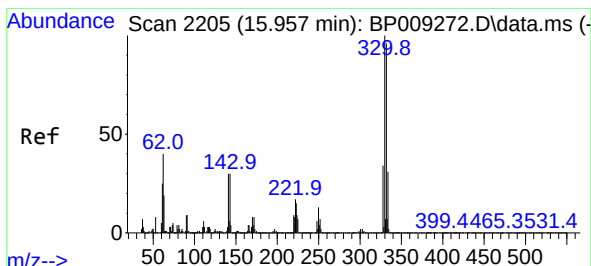
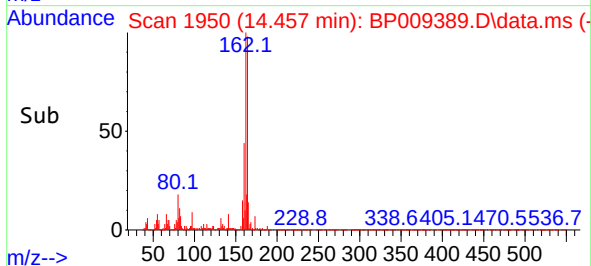
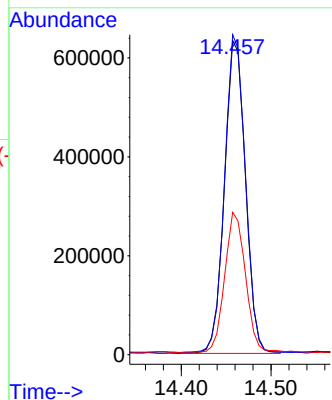
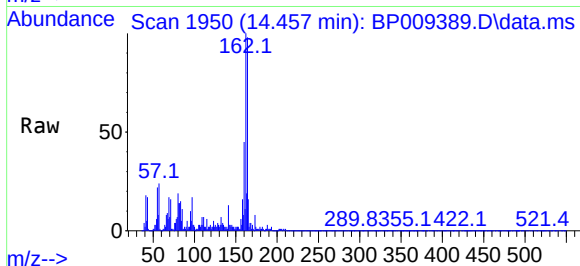




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.457 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

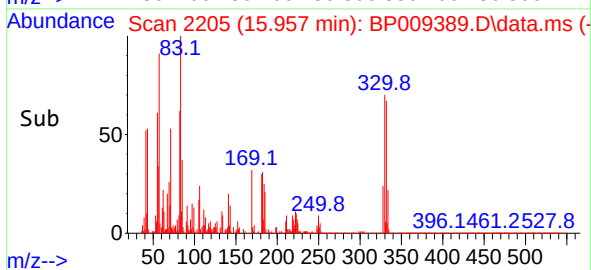
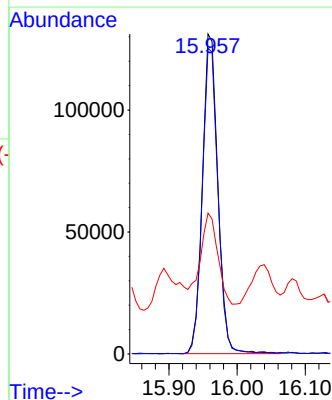
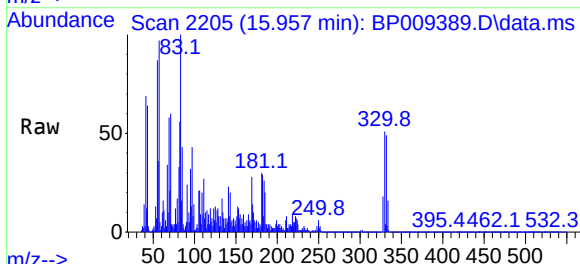
Instrument :
BNA_P
ClientSampleId :
WC-14A-1B

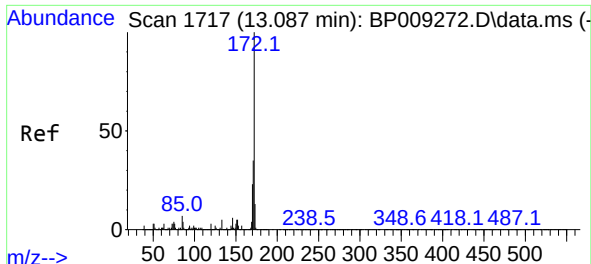
Tgt Ion:164 Resp: 1026635
Ion Ratio Lower Upper
164 100
162 101.9 79.1 118.7
160 45.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 16.68 ng
RT: 15.957 min Scan# 2205
Delta R.T. 0.000 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

Tgt Ion:330 Resp: 206771
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 31.6 27.6 41.4

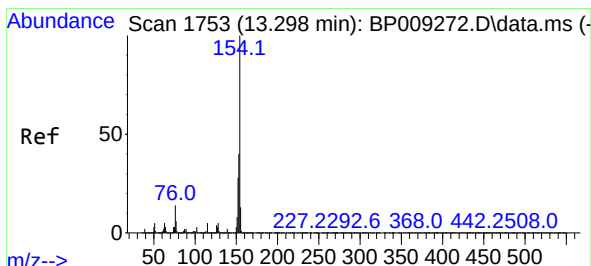
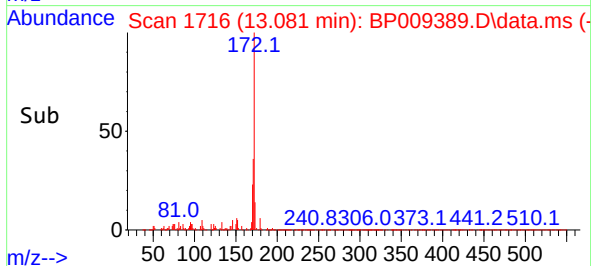
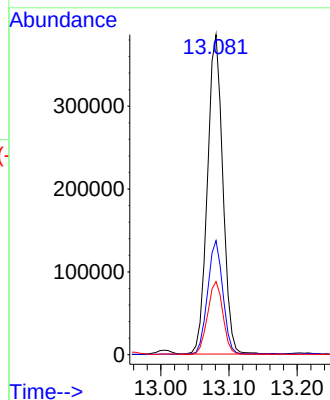
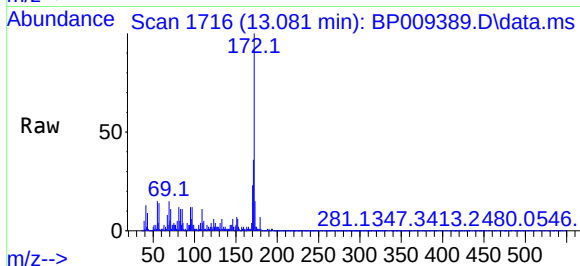




#45
2-Fluorobiphenyl
Concen: 8.12 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

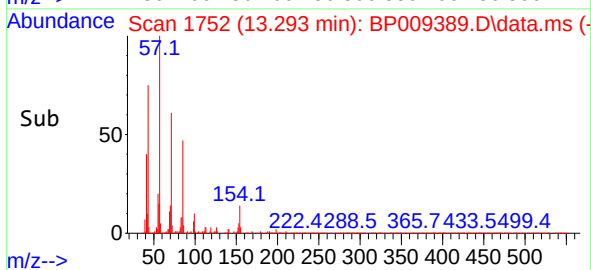
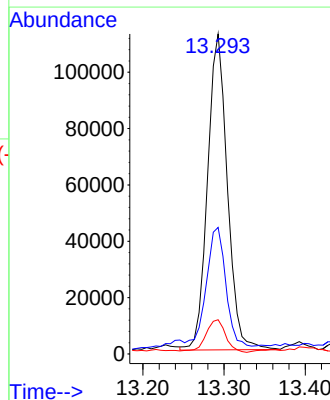
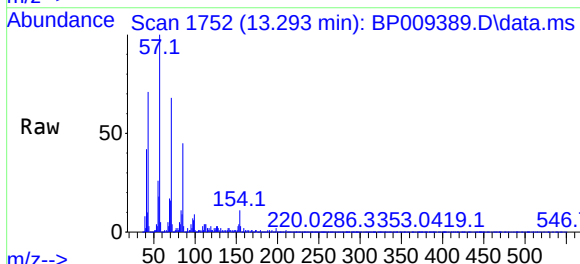
Instrument :
BNA_P
ClientSampleId :
WC-14A-1B

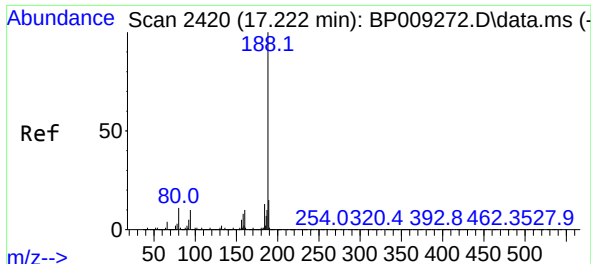
Tgt Ion:172 Resp: 605946
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 22.9 18.6 27.8



#46
1,1'-Biphenyl
Concen: 2.27 ng
RT: 13.293 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

Tgt Ion:154 Resp: 190307
Ion Ratio Lower Upper
154 100
153 39.6 20.2 60.2
76 10.7 0.0 34.0

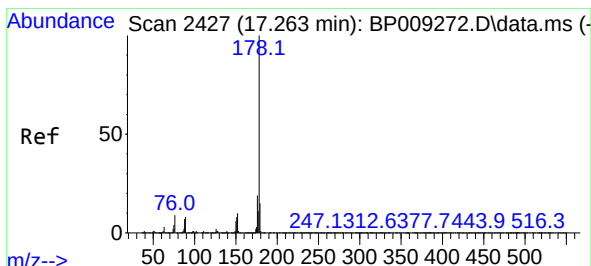
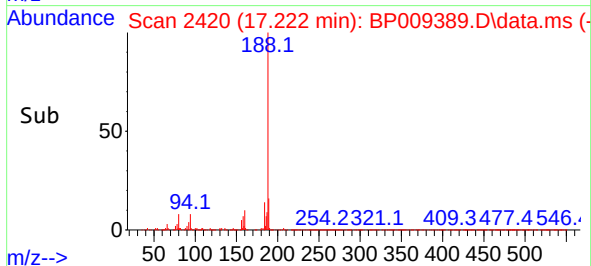
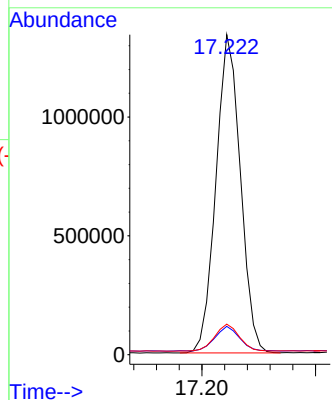
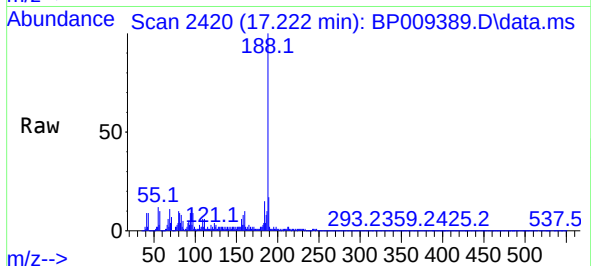




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.222 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

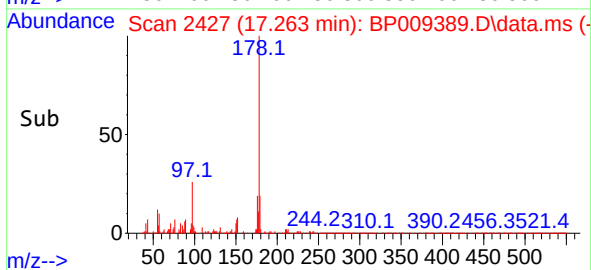
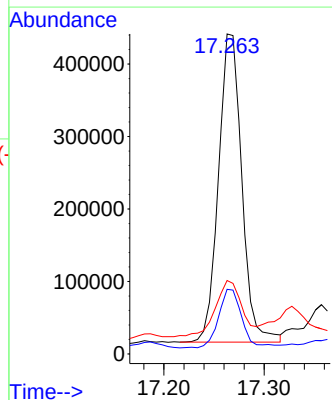
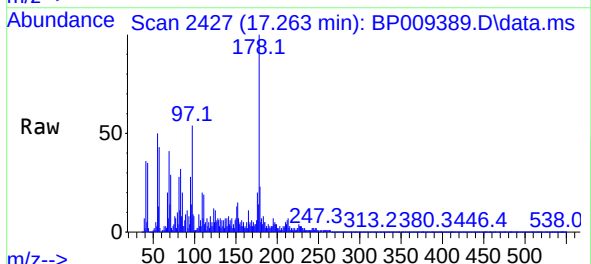
Instrument :
BNA_P
ClientSampleId :
WC-14A-1B

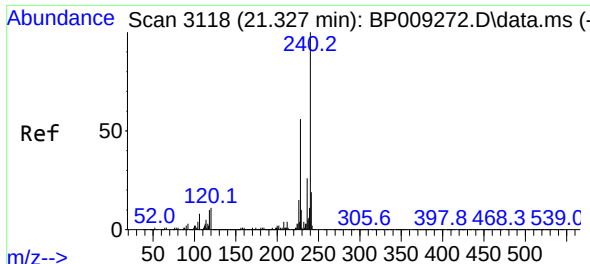
Tgt Ion:188 Resp: 1999284
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.5 8.8 13.2



#71
Phenanthrene
Concen: 5.98 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

Tgt Ion:178 Resp: 687109
Ion Ratio Lower Upper
178 100
176 20.2 15.4 23.2
179 22.9 12.3 18.5#

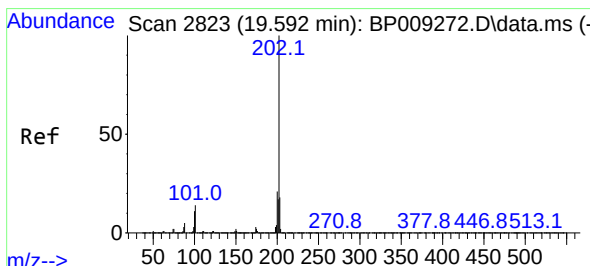
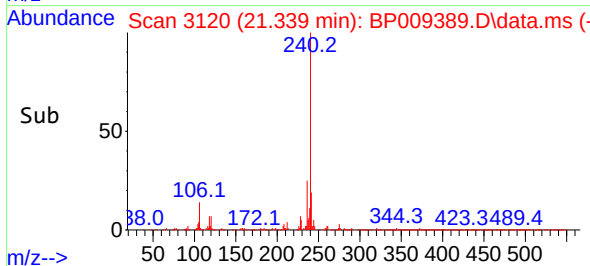
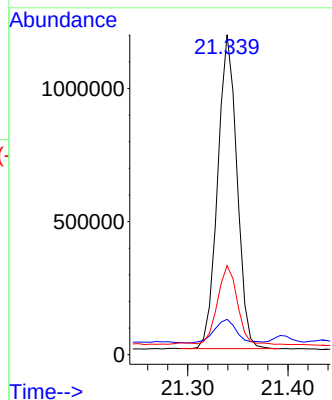
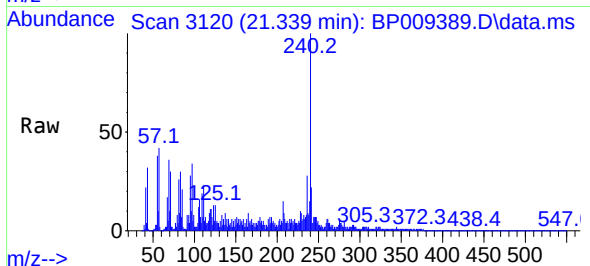




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.339 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

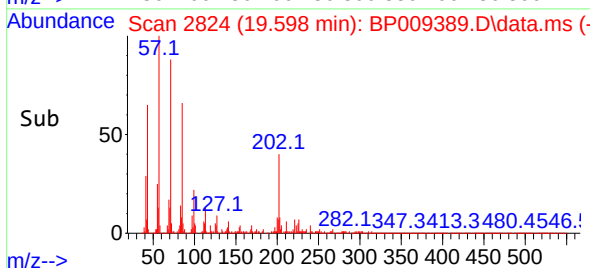
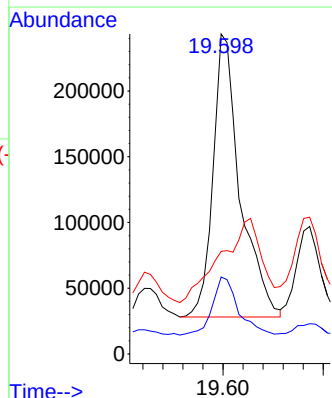
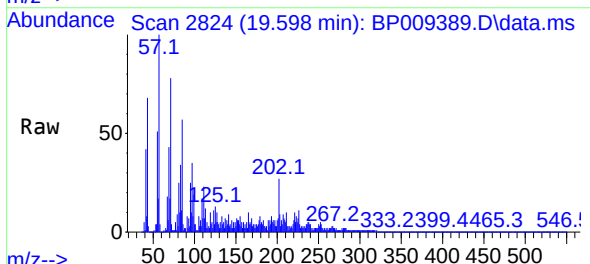
Instrument :
BNA_P
ClientSampleId :
WC-14A-1B

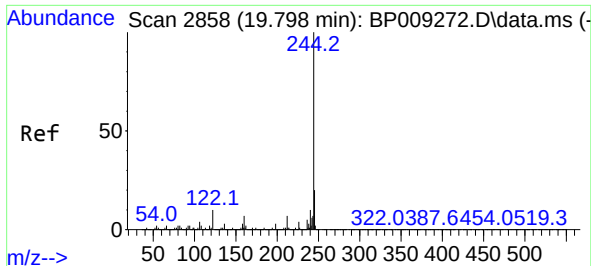
Tgt Ion:240 Resp: 1573132
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 27.8 20.6 30.8



#78
Pyrene
Concen: 3.81 ng
RT: 19.598 min Scan# 2824
Delta R.T. 0.006 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

Tgt Ion:202 Resp: 404298
Ion Ratio Lower Upper
202 100
200 24.0 16.8 25.2
203 32.1 14.2 21.4#

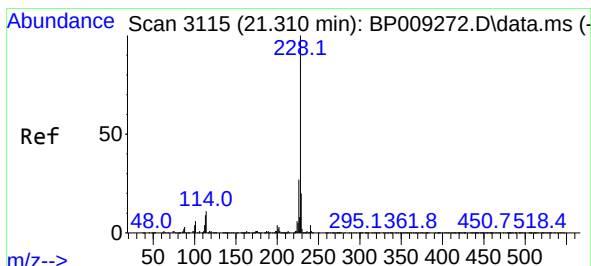
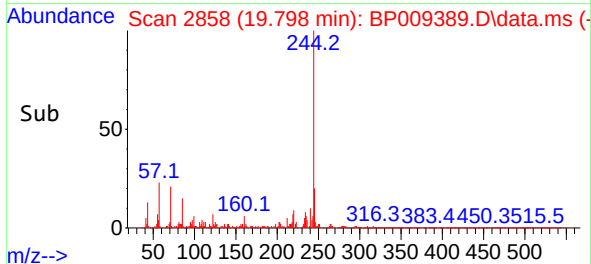
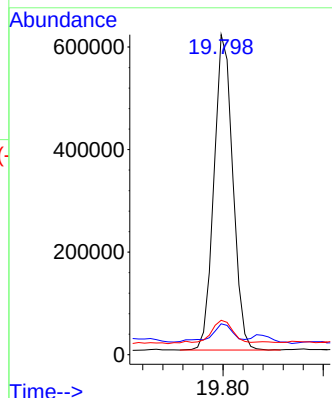
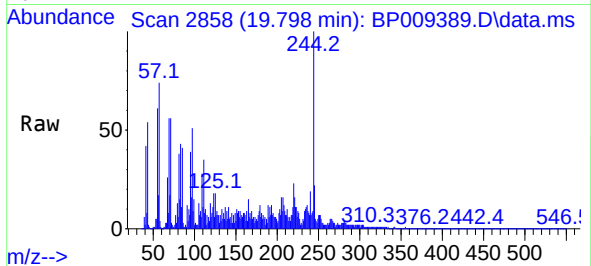




#79
 Terphenyl-d14
 Concen: 9.61 ng
 RT: 19.798 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP009389.D
 Acq: 14 Mar 2022 19:07

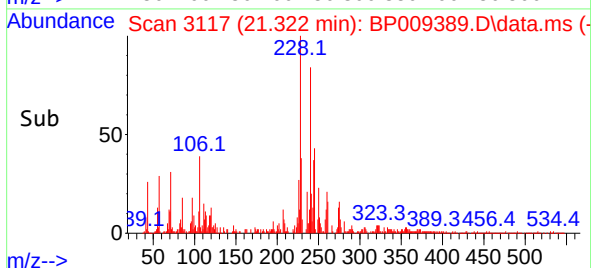
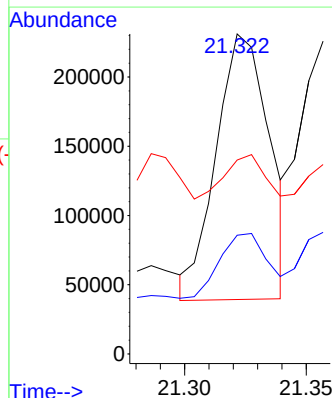
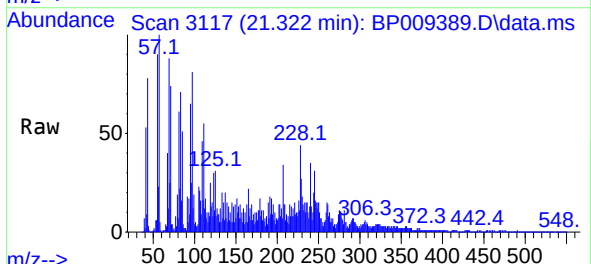
Instrument :
 BNA_P
 ClientSampleId :
 WC-14A-1B

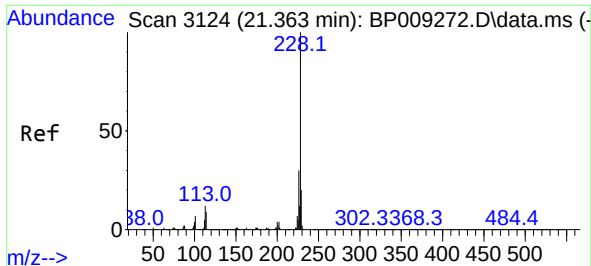
Tgt Ion:244 Resp: 800980
 Ion Ratio Lower Upper
 244 100
 212 9.7 5.8 8.6#
 122 10.8 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 2.74 ng
 RT: 21.322 min Scan# 3117
 Delta R.T. 0.012 min
 Lab File: BP009389.D
 Acq: 14 Mar 2022 19:07

Tgt Ion:228 Resp: 291984
 Ion Ratio Lower Upper
 228 100
 226 37.1 22.0 33.0#
 229 60.6 16.1 24.1#

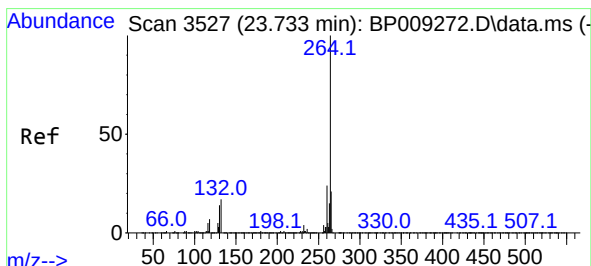
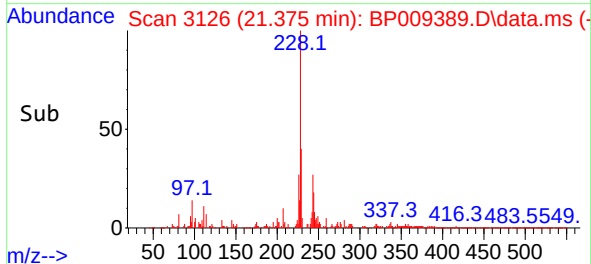
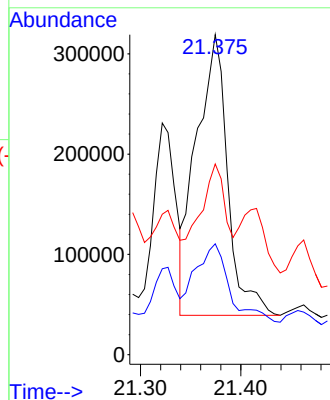
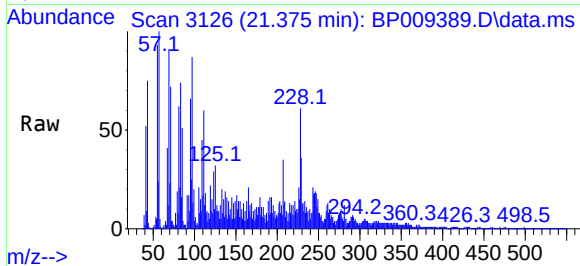




#83
Chrysene
Concen: 5.90 ng
RT: 21.375 min Scan# 3124
Delta R.T. 0.012 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

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

Tgt Ion:228 Resp: 611229
Ion Ratio Lower Upper
228 100
226 34.6 24.2 36.2
229 59.6 16.1 24.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.763 min Scan# 3532
Delta R.T. 0.029 min
Lab File: BP009389.D
Acq: 14 Mar 2022 19:07

Tgt Ion:264 Resp: 1708675
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.0
265 24.2 17.2 25.8

