

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
 Data File : BP009220.D
 Acq On : 18 Feb 2022 18:42
 Operator : CG/JU
 Sample : N1579-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4R-W(0-0.5)

Quant Time: Feb 19 00:50:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 19 00:46:08 2022
 Response via : Initial Calibration

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

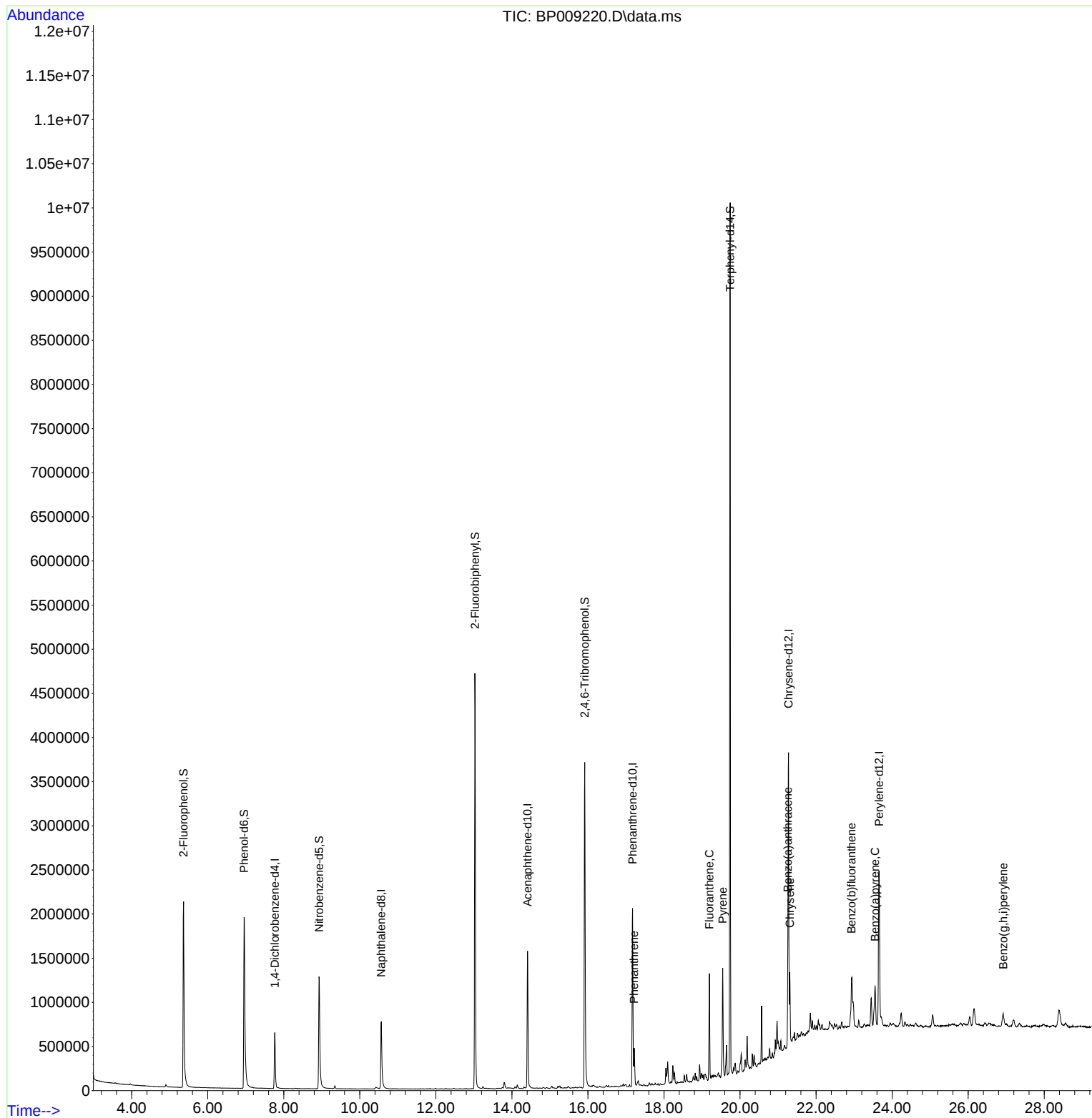
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	213567	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	881495	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	618725	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	1396885	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1581458	20.000	ng	0.00
86) Perylene-d12	23.656	264	1504417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1269597	106.042	ng	0.00
7) Phenol-d6	6.957	99	1638543	103.864	ng	0.00
23) Nitrobenzene-d5	8.928	82	1005396	64.320	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	937130	113.439	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	2761333	62.476	ng	0.00
79) Terphenyl-d14	19.739	244	5059662	57.535	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.216	178	310735	4.108	ng	98
75) Fluoranthene	19.192	202	741267	8.744	ng	96
78) Pyrene	19.545	202	801548	7.125	ng	97
81) Benzo(a)anthracene	21.257	228	431632	4.235	ng	98
83) Chrysene	21.309	228	480380	4.890	ng	97
88) Benzo(b)fluoranthene	22.933	252	562057	6.069	ng	99
90) Benzo(a)pyrene	23.551	252	372038	4.818	ng	99
92) Benzo(g,h,i)perylene	26.921	276	215011	2.351	ng	99

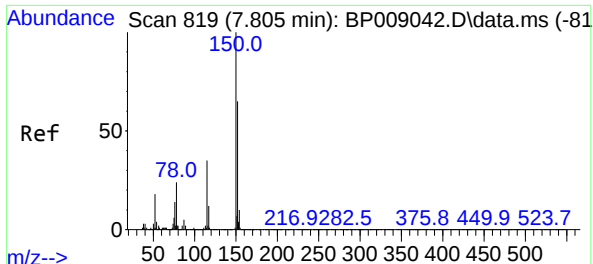
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-4R-W(0-0.5)

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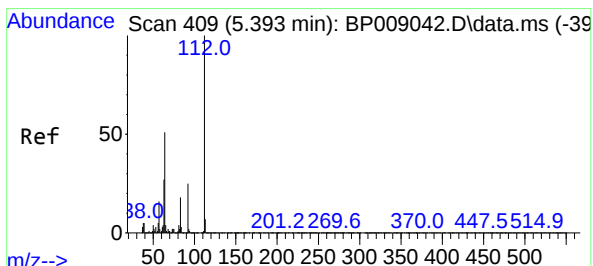
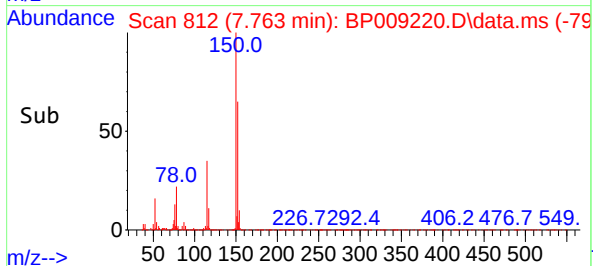
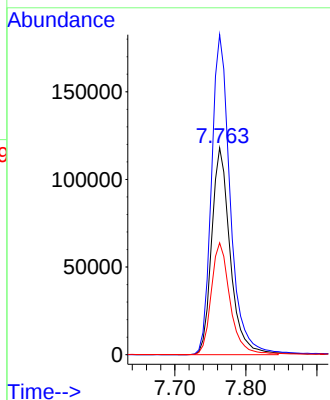
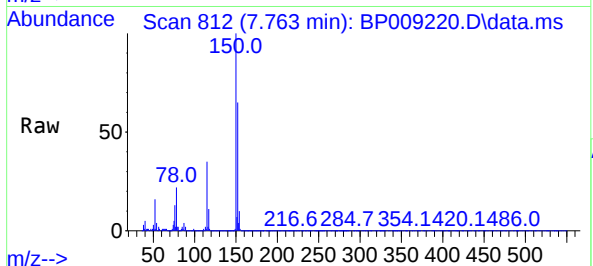




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

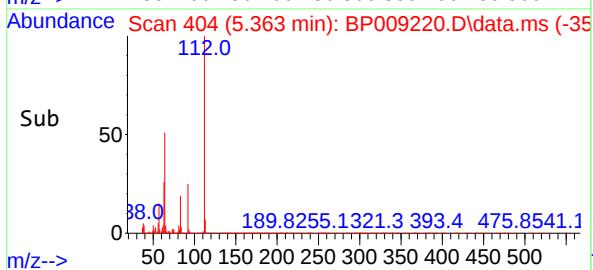
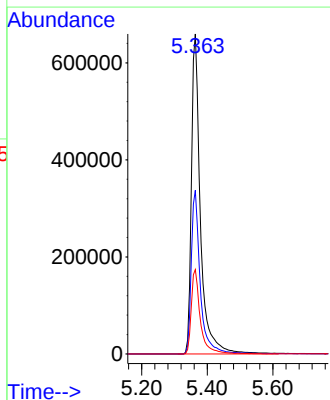
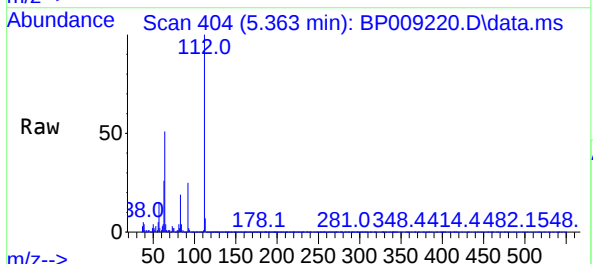
Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

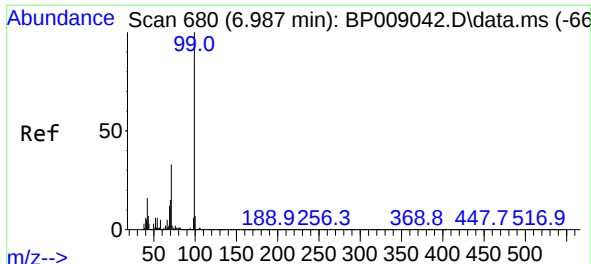
Tgt Ion:152 Resp: 213567
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 54.1 43.7 65.5



#5
2-Fluorophenol
Concen: 106.042 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:112 Resp: 1269597
Ion Ratio Lower Upper
112 100
64 51.2 39.7 59.5
63 26.3 20.0 30.0

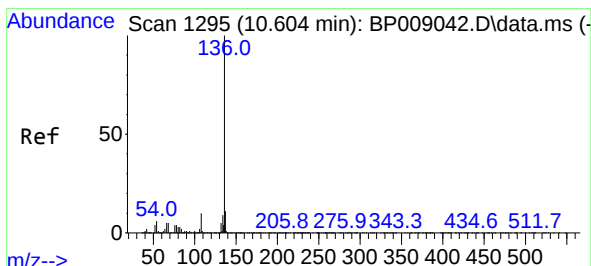
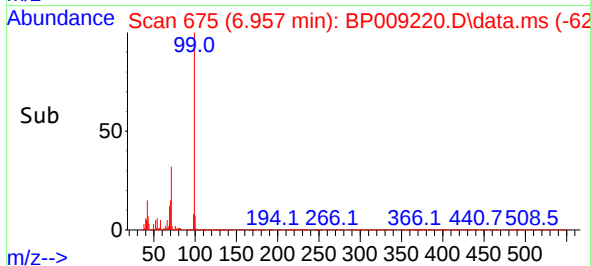
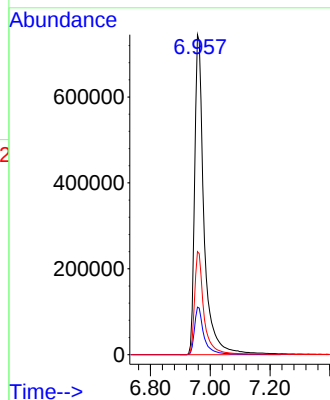
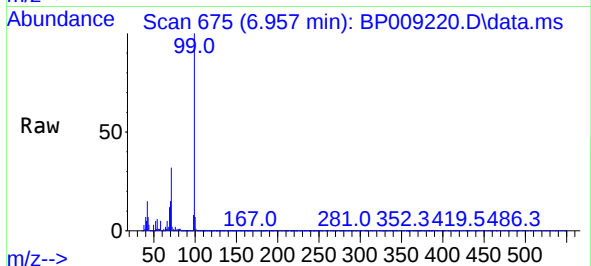




#7
Phenol-d6
Concen: 103.864 ng
RT: 6.957 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

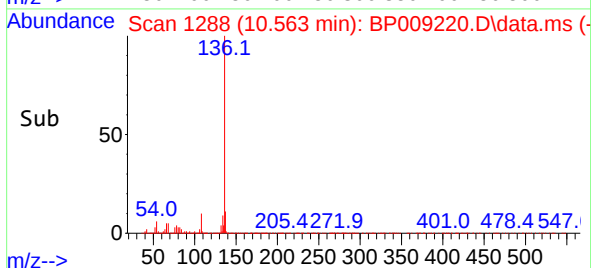
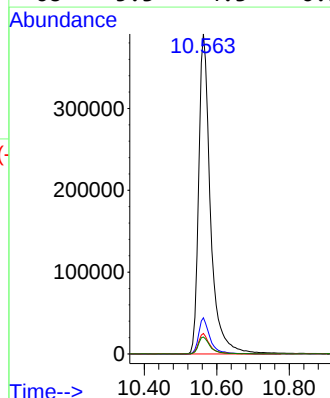
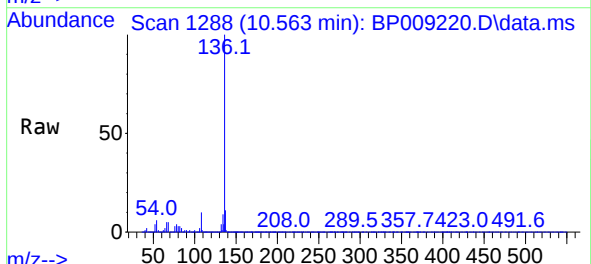
Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

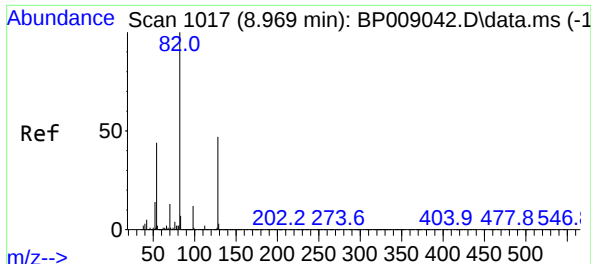
Tgt Ion: 99 Resp: 1638543
Ion Ratio Lower Upper
99 100
42 14.8 10.8 16.2
71 32.2 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion: 136 Resp: 881495
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 6.4 4.9 7.3
68 5.3 4.3 6.5

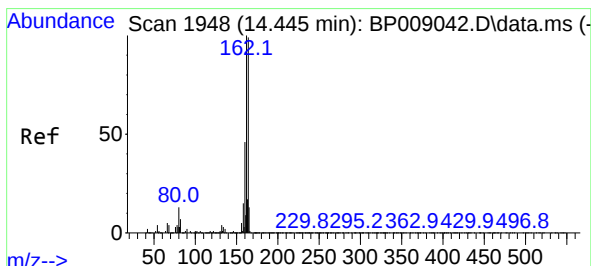
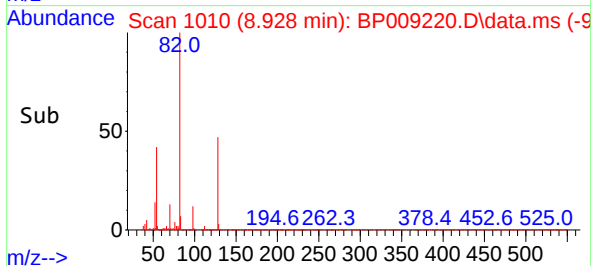
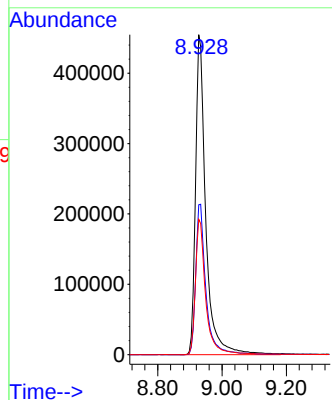
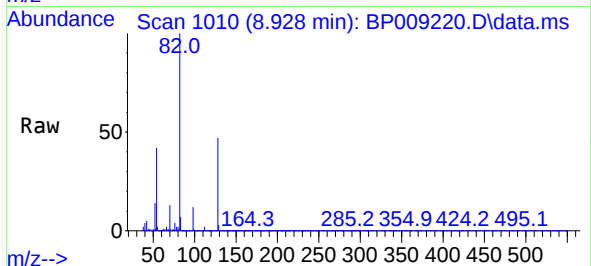




#23
Nitrobenzene-d5
Concen: 64.320 ng
RT: 8.928 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

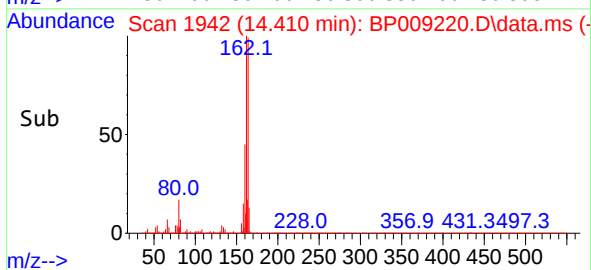
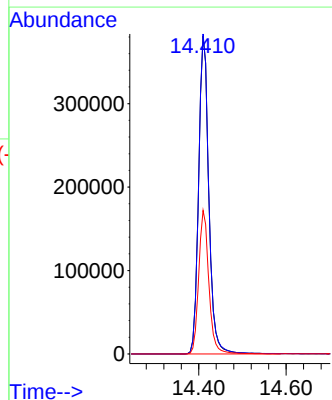
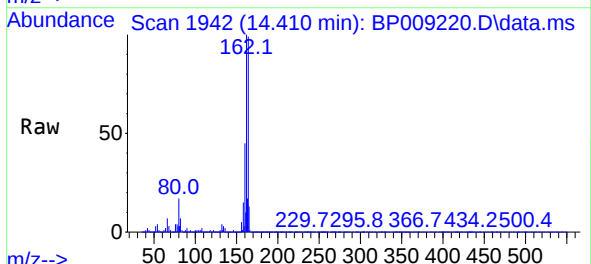
Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

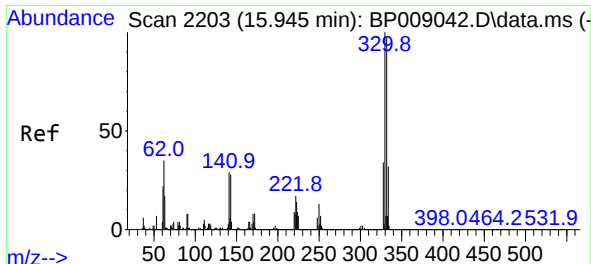
Tgt Ion: 82 Resp: 1005396
Ion Ratio Lower Upper
82 100
128 46.8 39.4 59.2
54 42.3 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:164 Resp: 618725
Ion Ratio Lower Upper
164 100
162 100.7 79.9 119.9
160 45.1 35.5 53.3

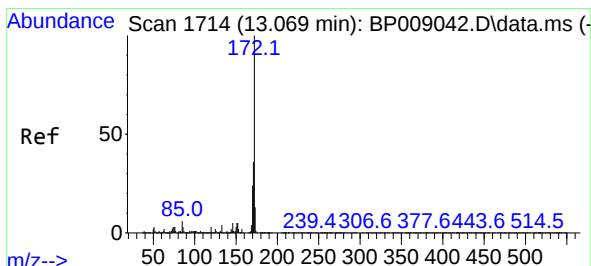
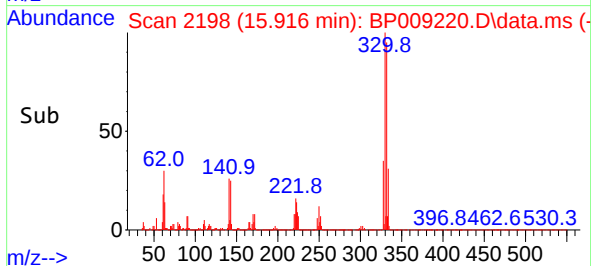
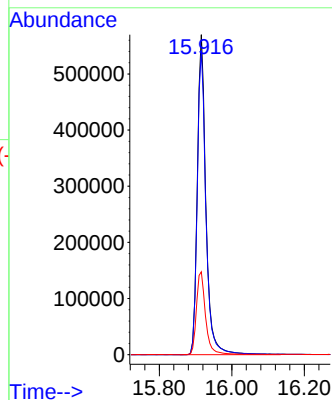
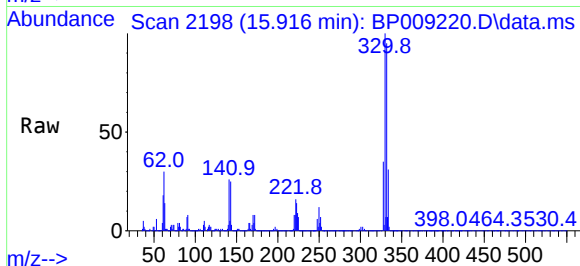




#42
2,4,6-Tribromophenol
Concen: 113.439 ng
RT: 15.916 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

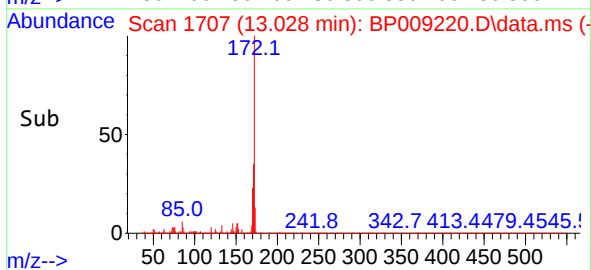
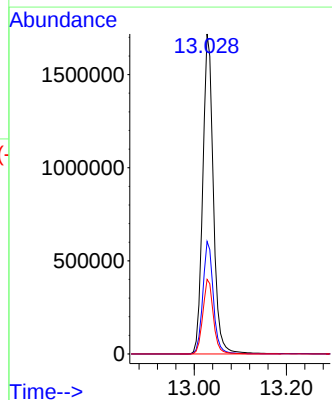
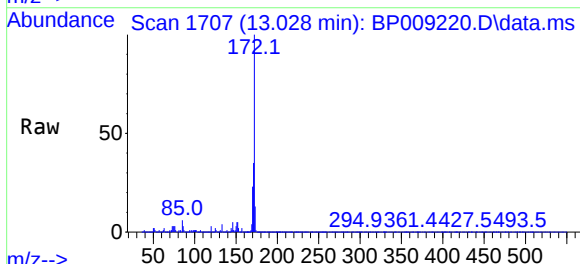
Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

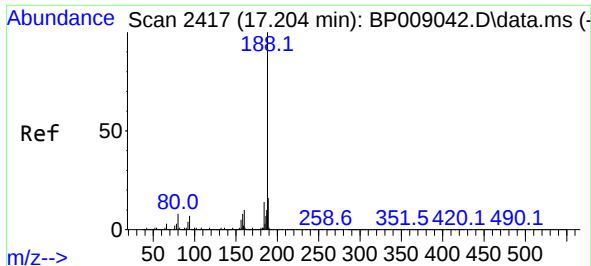
Tgt Ion:330 Resp: 937130
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 27.7 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 62.476 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:172 Resp: 2761333
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 23.3 19.5 29.3

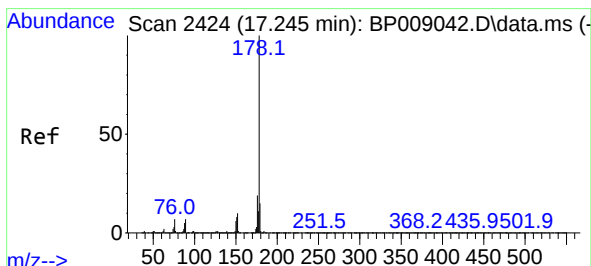
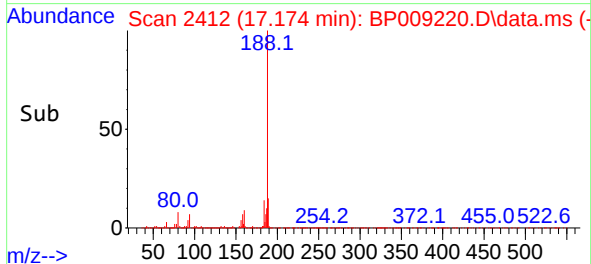
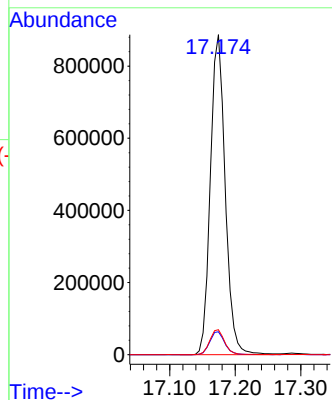
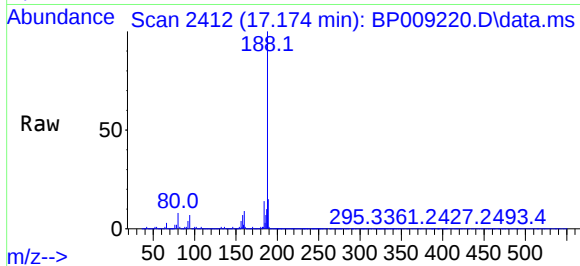




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

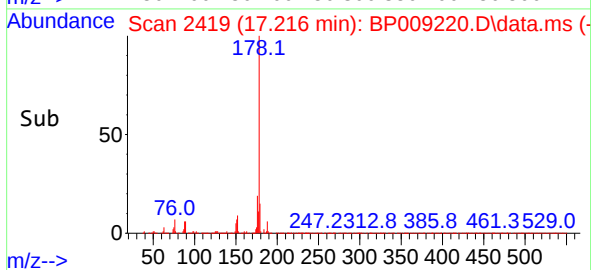
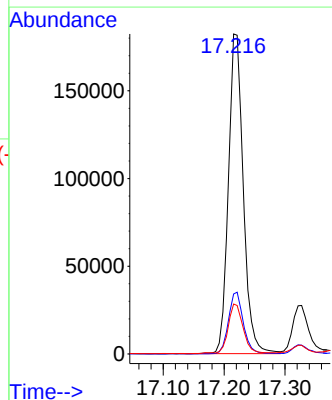
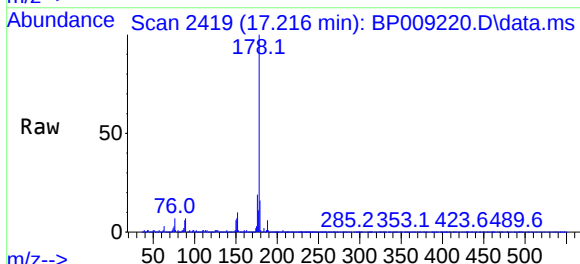
Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

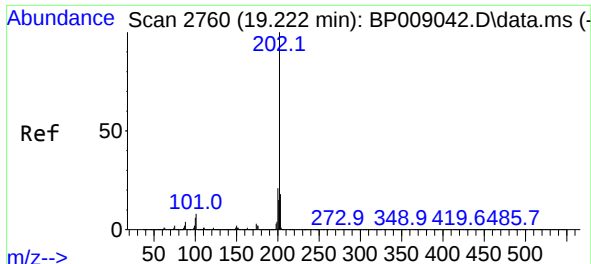
Tgt Ion:188 Resp: 1396885
Ion Ratio Lower Upper
188 100
94 7.1 6.8 10.2
80 7.8 7.2 10.8



#71
Phenanthrene
Concen: 4.108 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:178 Resp: 310735
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 15.6 13.0 19.4

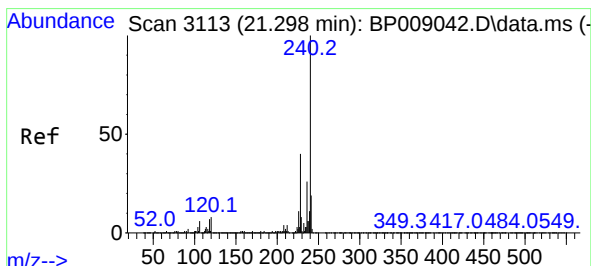
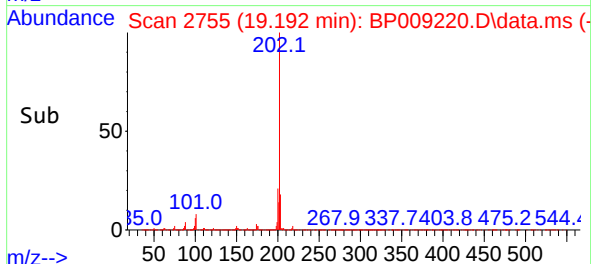
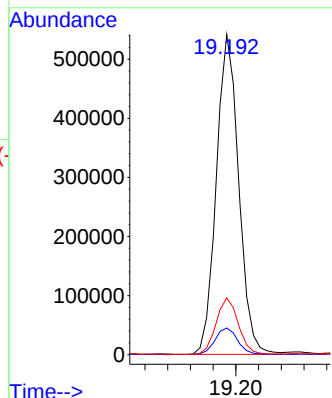
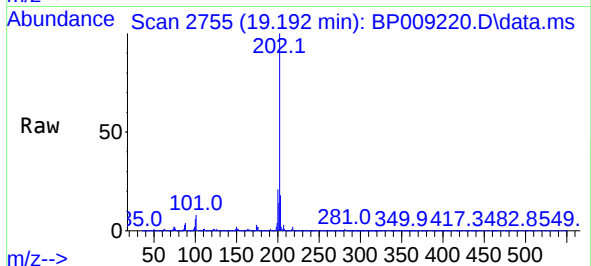




#75
Fluoranthene
Concen: 8.744 ng
RT: 19.192 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

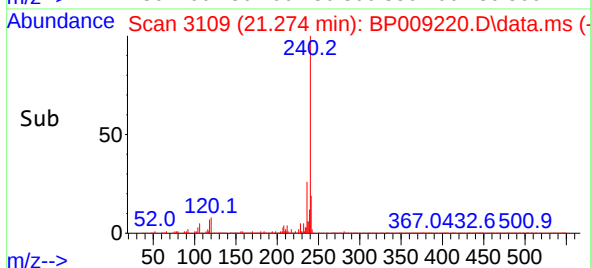
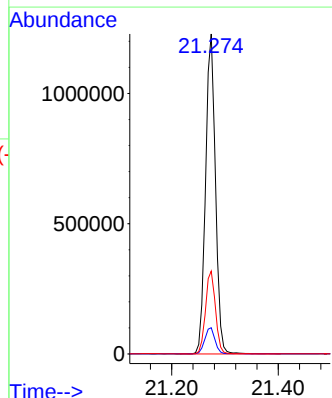
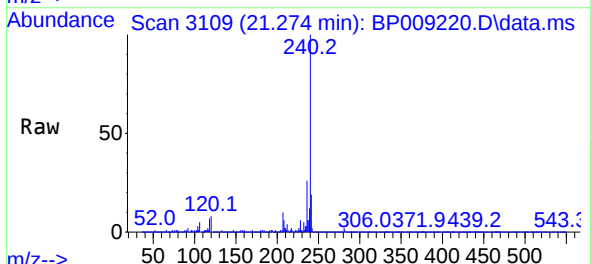
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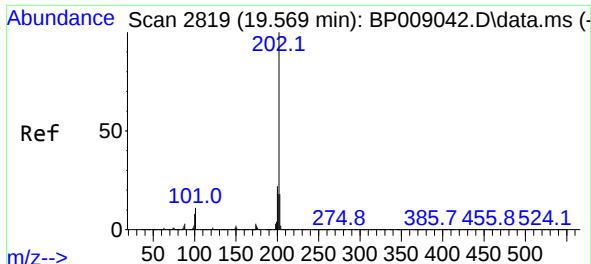
Tgt Ion:	202	Resp:	741267
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.7
203	17.7	0.0	38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:	240	Resp:	1581458
Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.7	11.5
236	25.9	21.2	31.8

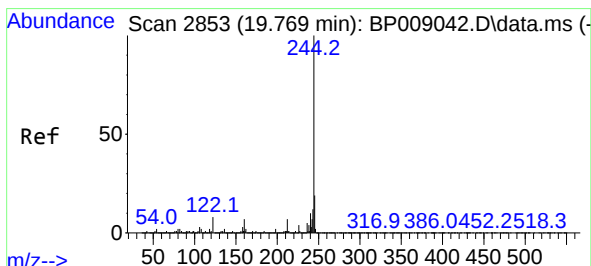
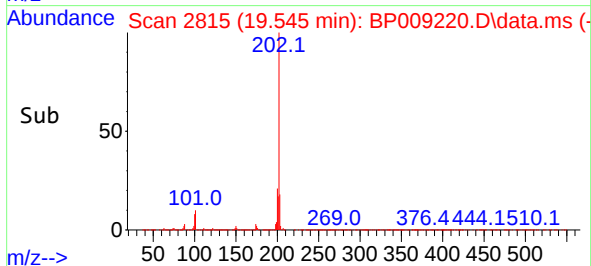
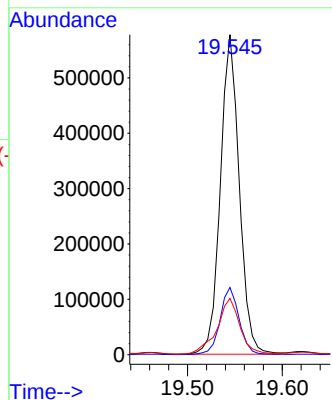
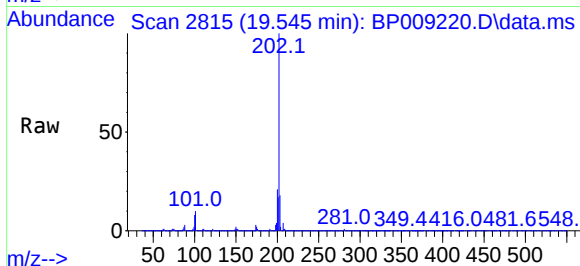




#78
Pyrene
Concen: 7.125 ng
RT: 19.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

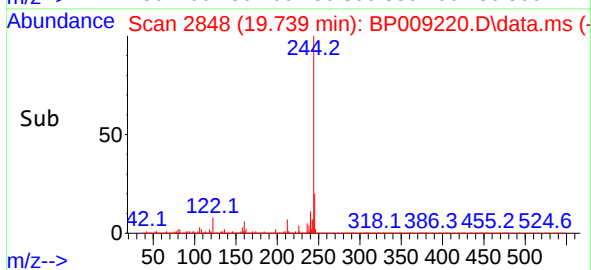
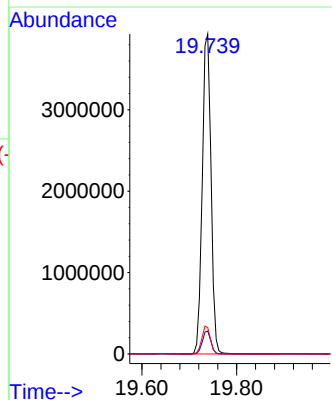
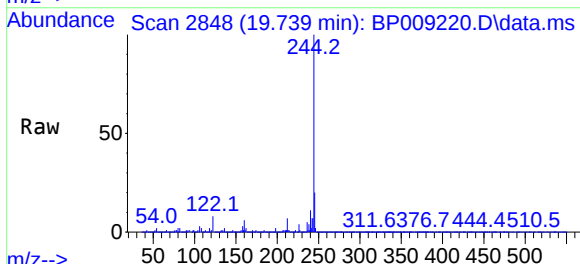
Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

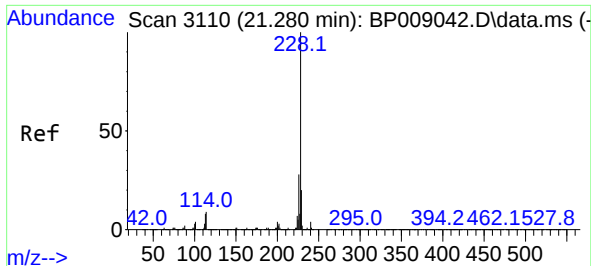
Tgt Ion:202 Resp: 801548
Ion Ratio Lower Upper
202 100
200 21.0 18.0 27.0
203 17.6 15.0 22.6



#79
Terphenyl-d14
Concen: 57.535 ng
RT: 19.739 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:244 Resp: 5059662
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 8.3 9.2 13.8#

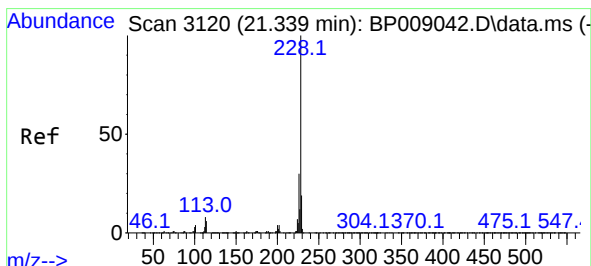
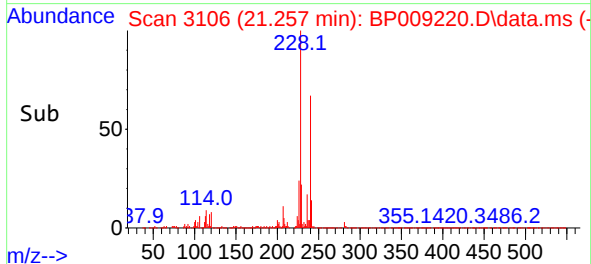
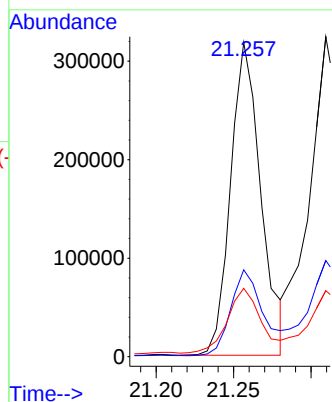
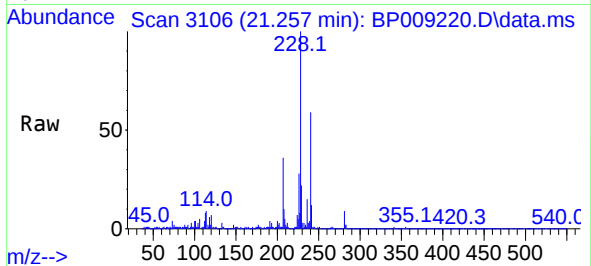




#81
Benzo(a)anthracene
Concen: 4.235 ng
RT: 21.257 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

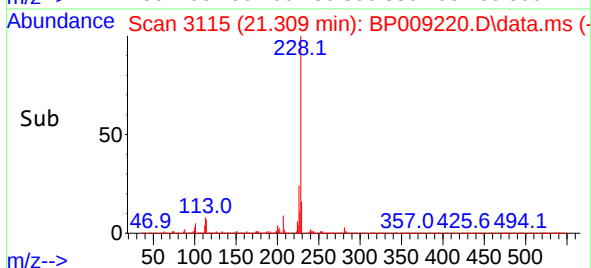
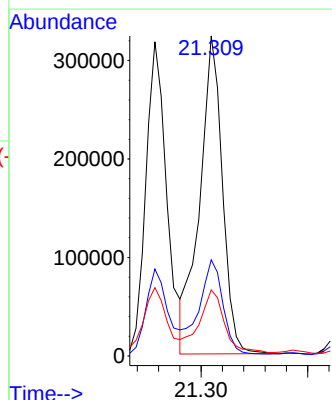
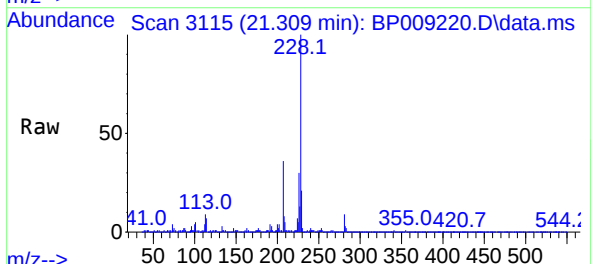
Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

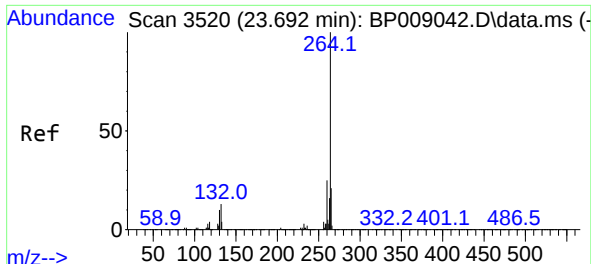
Tgt Ion:228 Resp: 431632
Ion Ratio Lower Upper
228 100
226 27.6 23.3 34.9
229 21.7 17.0 25.6



#83
Chrysene
Concen: 4.890 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:228 Resp: 480380
Ion Ratio Lower Upper
228 100
226 30.1 26.0 39.0
229 20.6 16.9 25.3



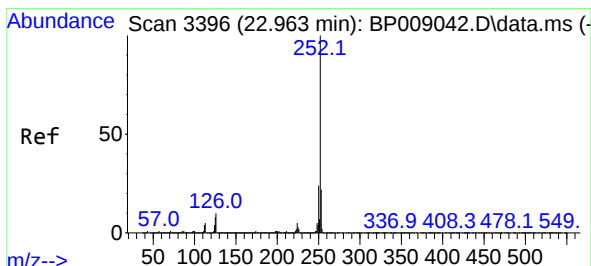
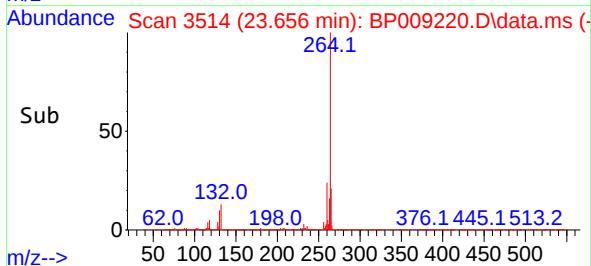
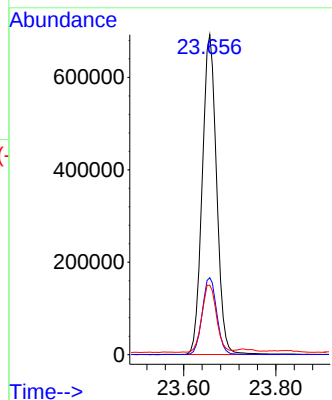
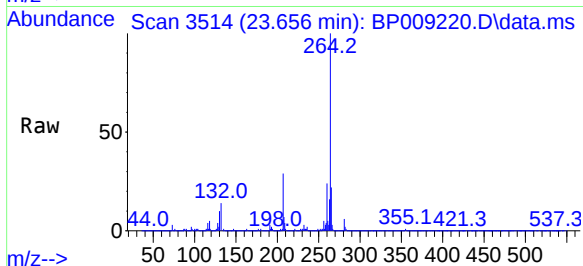


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.656 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion:264 Resp: 1504417

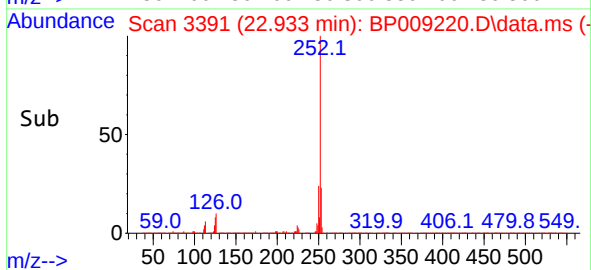
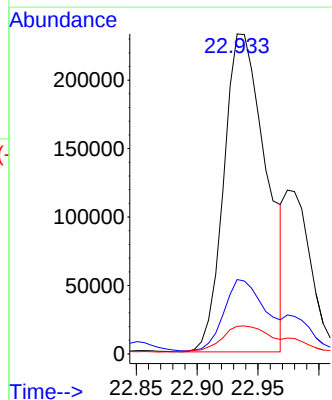
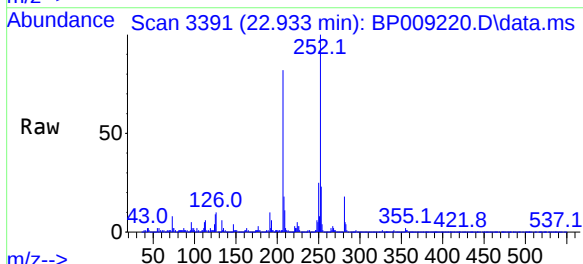
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.7	17.1	25.7

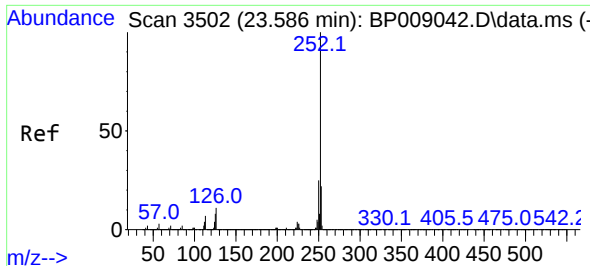


#88
Benzo(b)fluoranthene
Concen: 6.069 ng
RT: 22.933 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:252 Resp: 562057

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	8.7	6.9	10.3

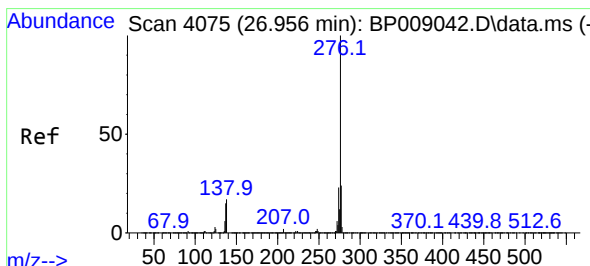
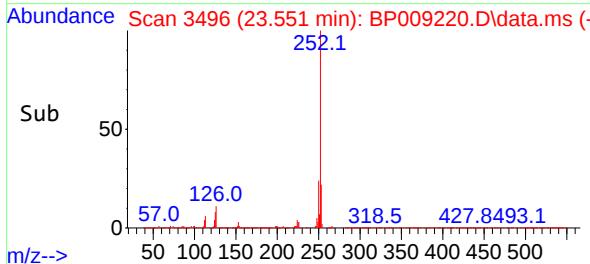
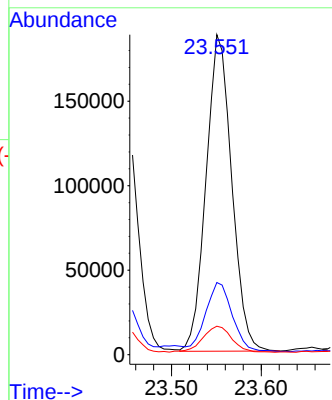
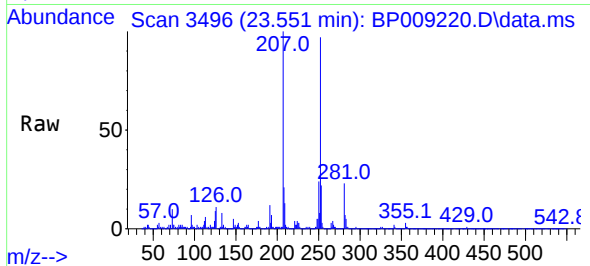




#90
Benzo(a)pyrene
Concen: 4.818 ng
RT: 23.551 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-4R-W(0-0.5)

Tgt Ion:252 Resp: 372038
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 8.9 7.8 11.6



#92
Benzo(g,h,i)perylene
Concen: 2.351 ng
RT: 26.921 min Scan# 4069
Delta R.T. -0.000 min
Lab File: BP009220.D
Acq: 18 Feb 2022 18:42

Tgt Ion:276 Resp: 215011
Ion Ratio Lower Upper
276 100
277 24.6 19.2 28.8
138 19.1 15.0 22.4

