

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
 Data File : BP009224.D
 Acq On : 18 Feb 2022 20:56
 Operator : CG/JU
 Sample : N1579-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 19 00:50:55 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)

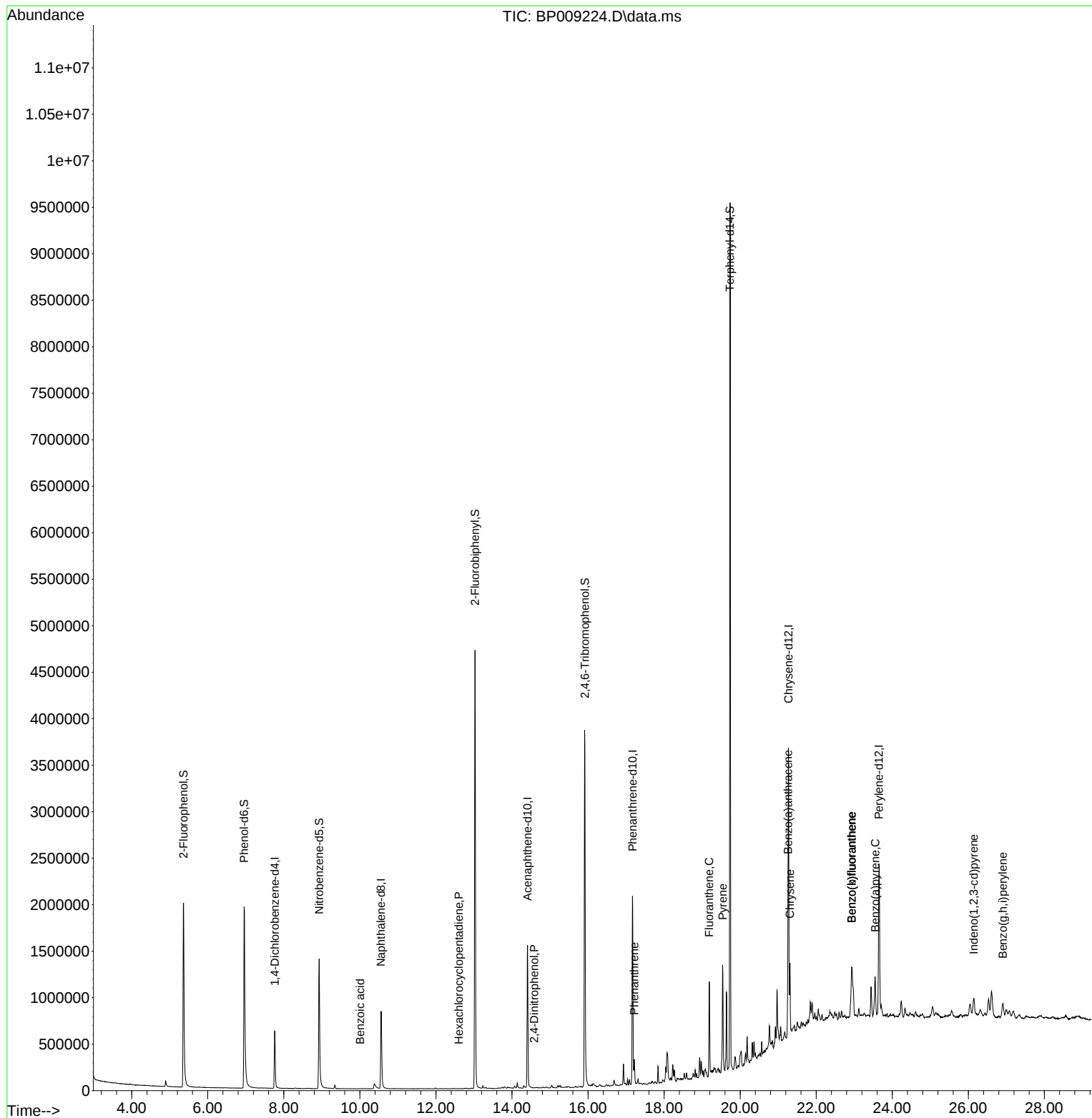
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	209491	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	867744	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	613764	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1361014	20.000	ng	0.00
76) Chrysene-d12	21.269	240	1453310	20.000	ng	-0.01
86) Perylene-d12	23.651	264	1332447	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1212546	103.248	ng	0.00
7) Phenol-d6	6.958	99	1629421	105.295	ng	0.00
23) Nitrobenzene-d5	8.928	82	1025266	66.631	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	950645	116.005	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	2782725	63.469	ng	0.00
79) Terphenyl-d14	19.733	244	4613415	57.086	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	10.004	122	22	2.692	ng	# 1
41) Hexachlorocyclopentadiene	12.604	237	26	8.659	ng	87
54) 2,4-Dinitrophenol	14.587	184	19	2.171	ng	# 1
71) Phenanthrene	17.216	178	188505	2.558	ng	97
75) Fluoranthene	19.186	202	619870	7.505	ng	98
78) Pyrene	19.539	202	745221	7.208	ng	97
81) Benzo(a)anthracene	21.257	228	397549	4.245	ng	98
83) Chrysene	21.310	228	435682	4.826	ng	98
87) Indeno(1,2,3-cd)pyrene	26.145	276	222062	2.243	ng	# 94
88) Benzo(b)fluoranthene	22.933	252	518566	6.322	ng	99
89) Benzo(k)fluoranthene	22.933	252	518566	6.337	ng	99
90) Benzo(a)pyrene	23.551	252	345279	5.049	ng	99
92) Benzo(g,h,i)perylene	26.909	276	220893	2.727	ng	97

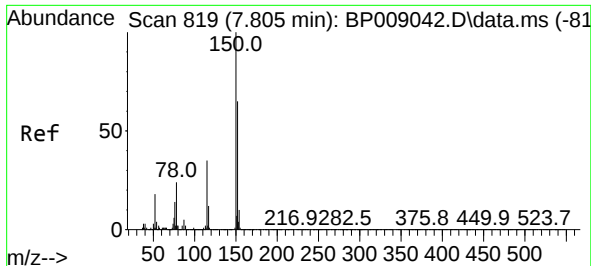
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
Data File : BP009224.D
Acq On : 18 Feb 2022 20:56
Operator : CG/JU
Sample : N1579-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 19 00:50:55 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

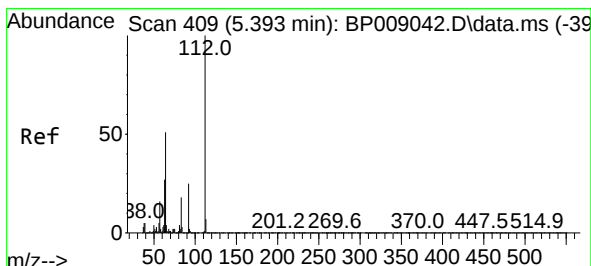
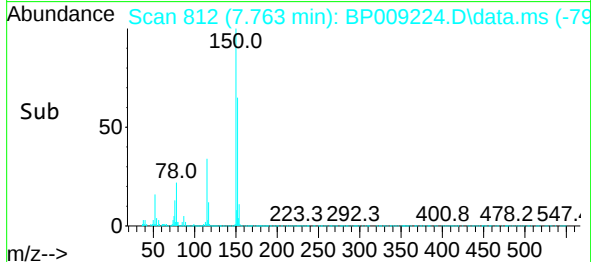
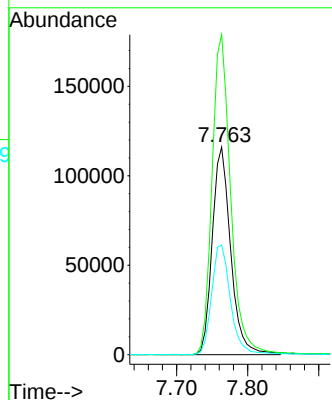
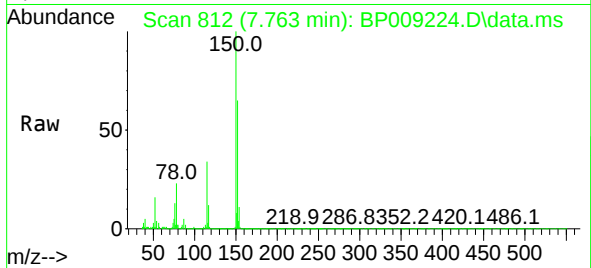




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

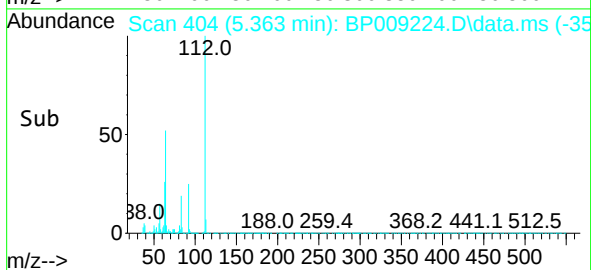
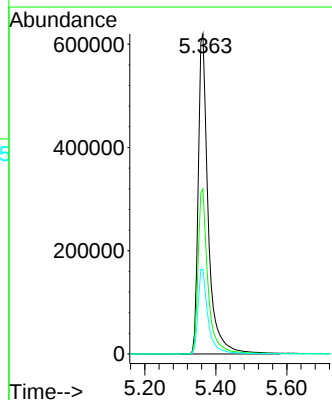
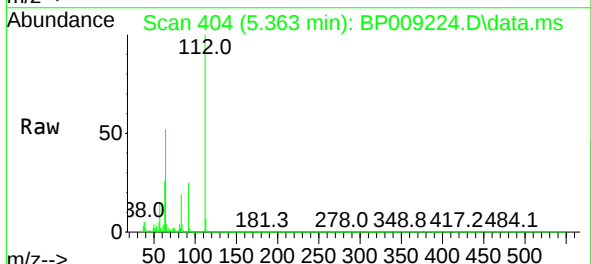
Instrument :
BNA_P
ClientSampleId :
SB-4R-EE(0-0.5)

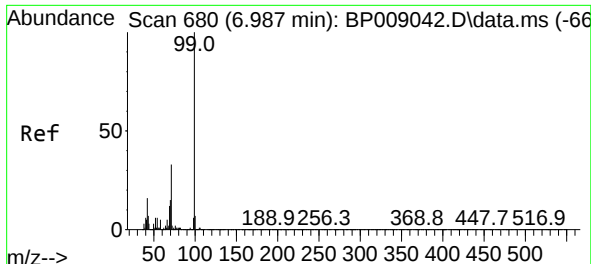
Tgt Ion:152 Resp: 209491
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 52.9 43.7 65.5



#5
2-Fluorophenol
Concen: 103.248 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

Tgt Ion:112 Resp: 1212546
Ion Ratio Lower Upper
112 100
64 51.6 39.7 59.5
63 26.5 20.0 30.0

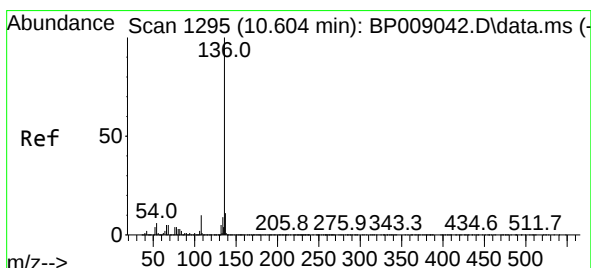
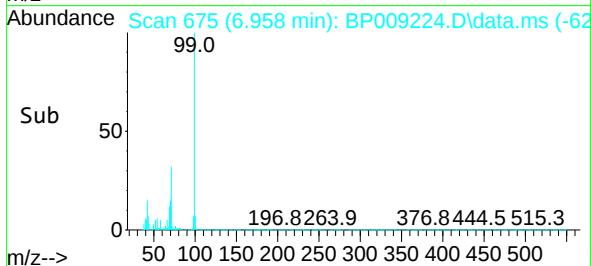
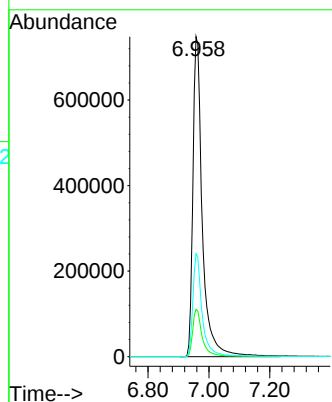
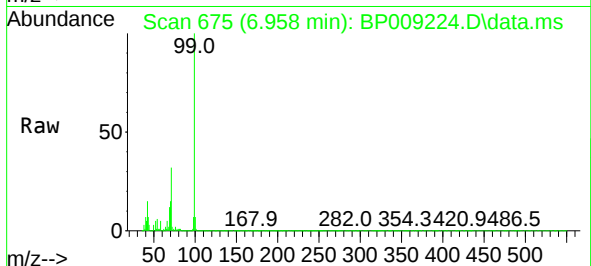




#7
Phenol-d6
Concen: 105.295 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

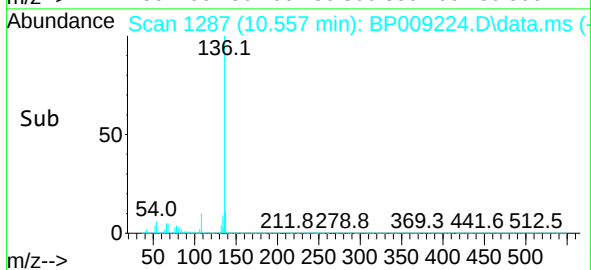
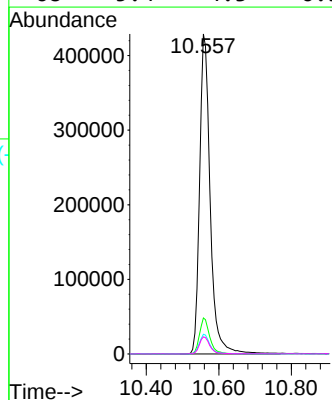
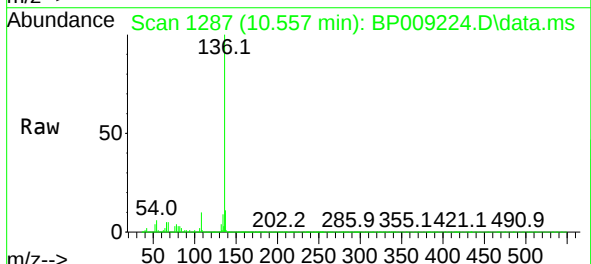
Instrument :
BNA_P
ClientSampleId :
SB-4R-EE(0-0.5)

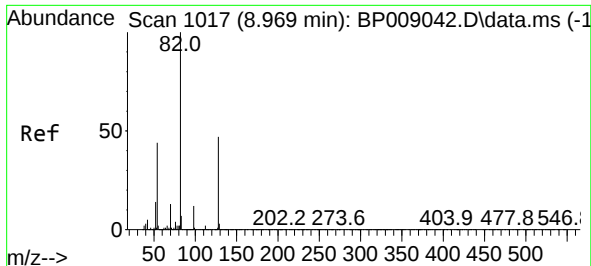
Tgt Ion: 99 Resp: 1629421
Ion Ratio Lower Upper
99 100
42 14.8 10.8 16.2
71 32.2 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

Tgt Ion:136 Resp: 867744
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.2 4.9 7.3
68 5.4 4.3 6.5

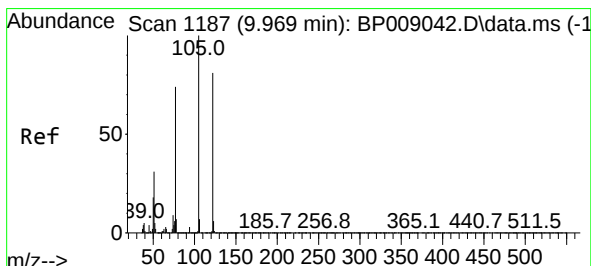
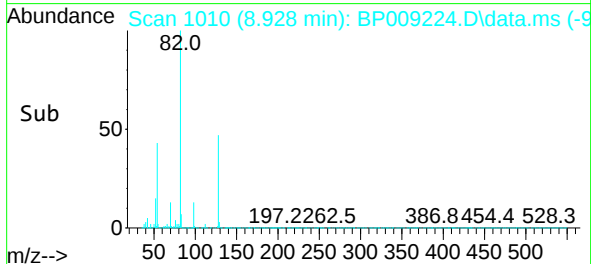
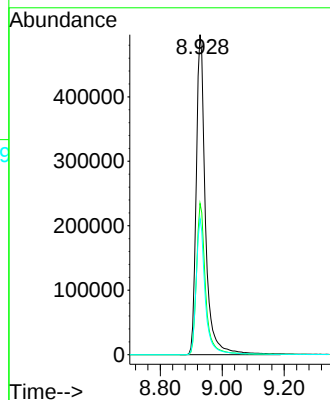
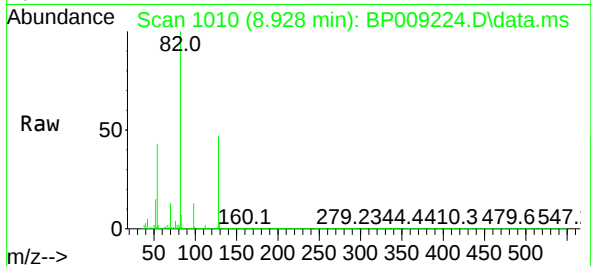




#23
Nitrobenzene-d5
Concen: 66.631 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

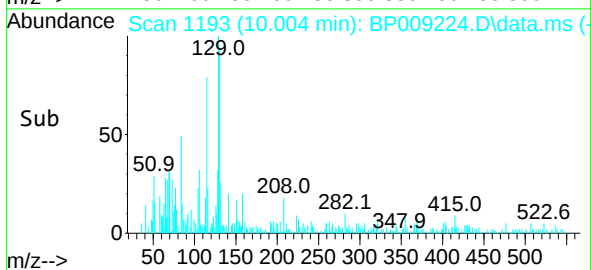
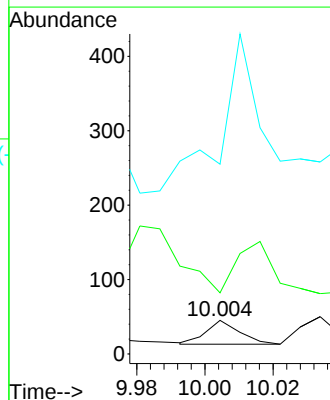
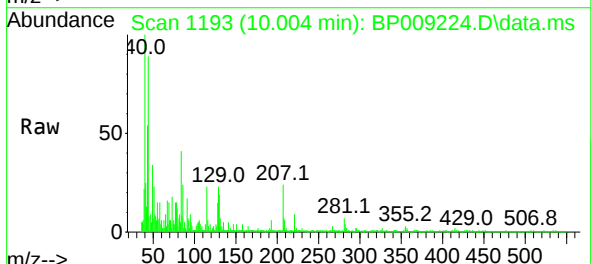
Instrument :
BNA_P
ClientSampleId :
SB-4R-EE(0-0.5)

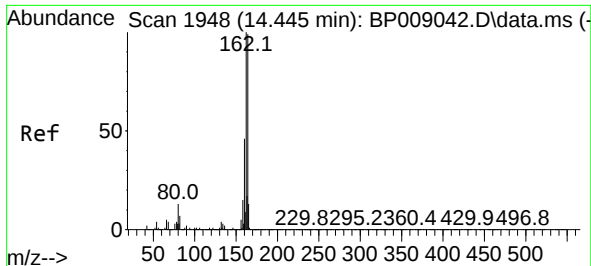
Tgt Ion: 82 Resp: 1025266
Ion Ratio Lower Upper
82 100
128 47.2 39.4 59.2
54 42.5 32.6 48.8



#32
Benzoic acid
Concen: 2.692 ng
RT: 10.004 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

Tgt Ion: 122 Resp: 22
Ion Ratio Lower Upper
122 100
105 182.2 100.1 140.1#
77 566.7 65.5 105.5#

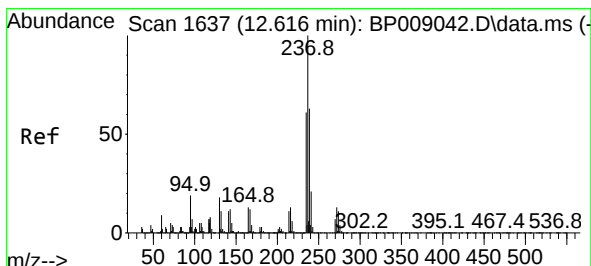
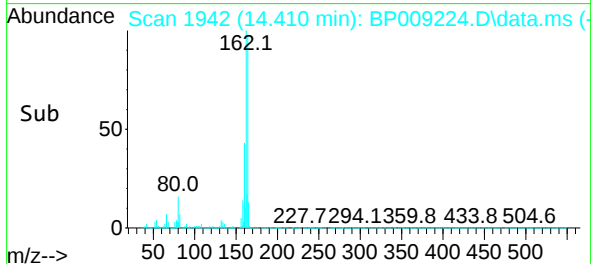
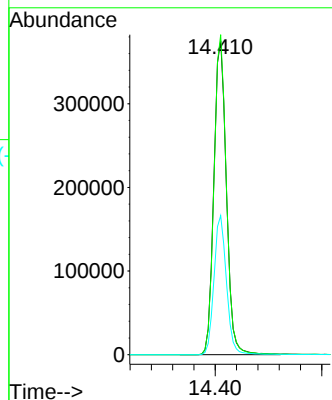
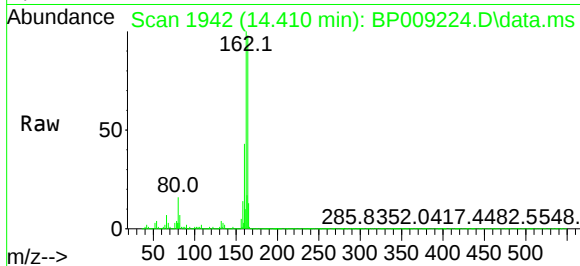




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

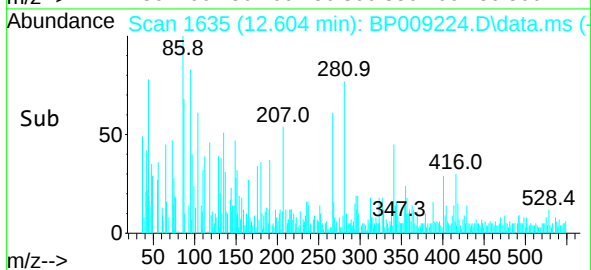
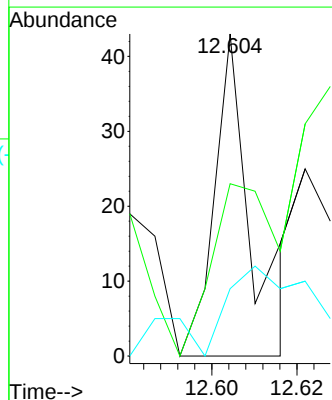
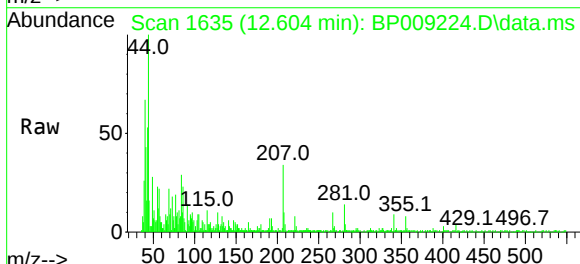
Instrument :
BNA_P
ClientSampleId :
SB-4R-EE(0-0.5)

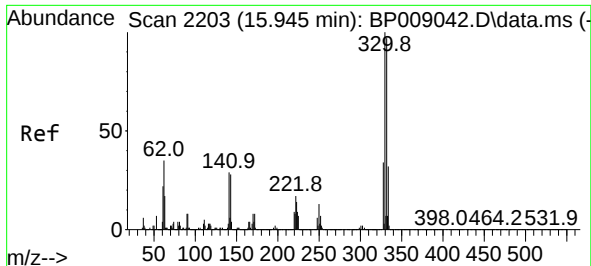
Tgt Ion:164 Resp: 613764
Ion Ratio Lower Upper
164 100
162 101.9 79.9 119.9
160 44.3 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.029 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

Tgt Ion:237 Resp: 26
Ion Ratio Lower Upper
237 100
235 53.5 42.9 82.9
272 20.9 0.0 33.8

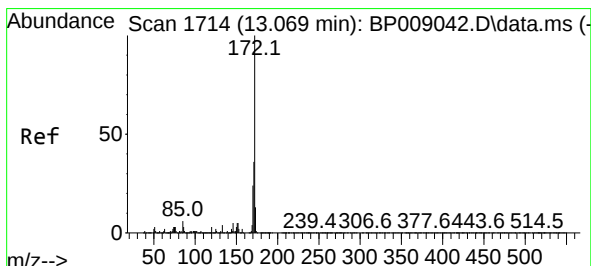
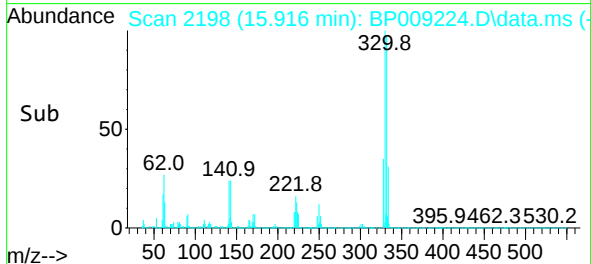
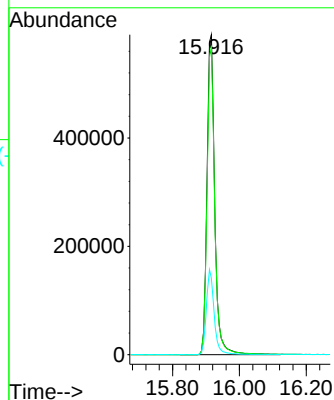
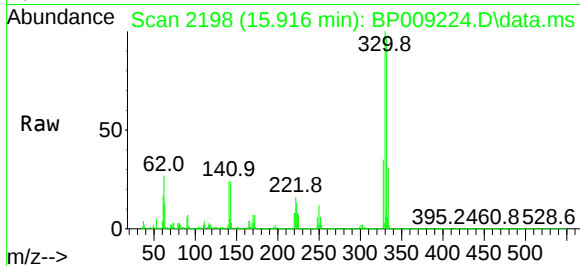




#42
2,4,6-Tribromophenol
Concen: 116.005 ng
RT: 15.916 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

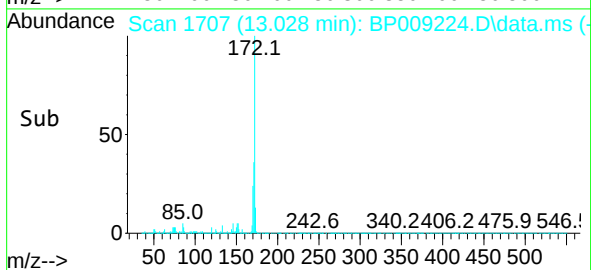
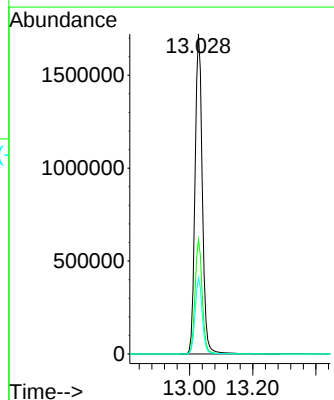
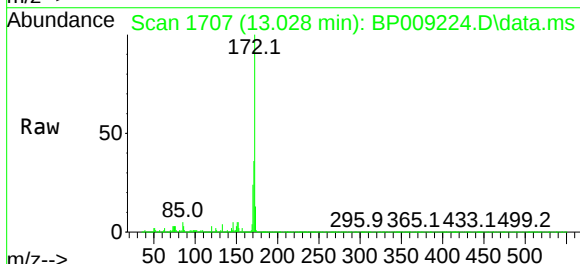
Instrument :
BNA_P
ClientSampleId :
SB-4R-EE(0-0.5)

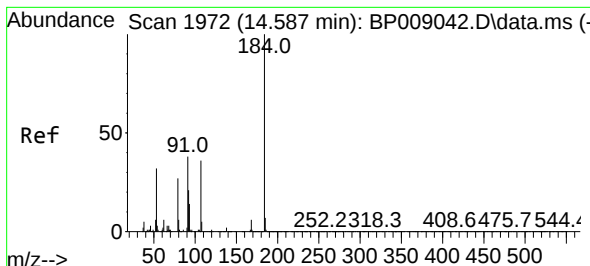
Tgt Ion:330 Resp: 950645
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 26.9 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 63.469 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

Tgt Ion:172 Resp: 2782725
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.7 19.5 29.3

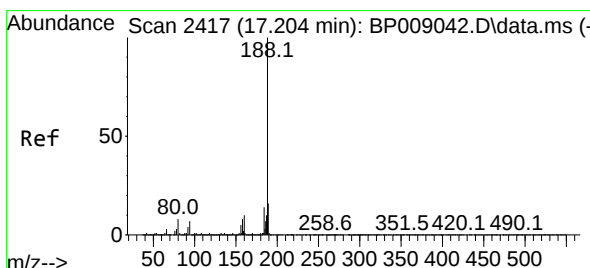
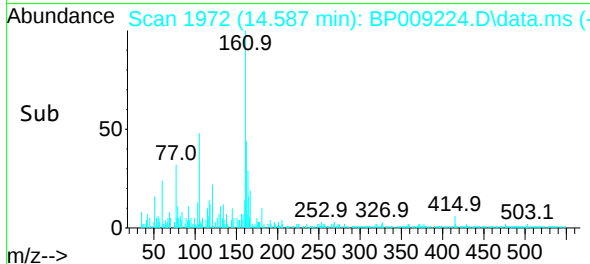
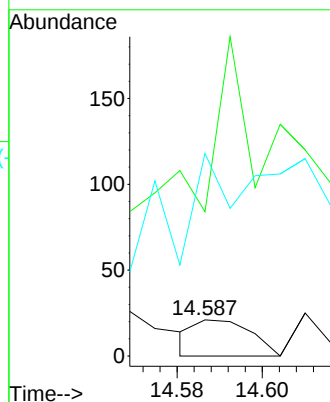
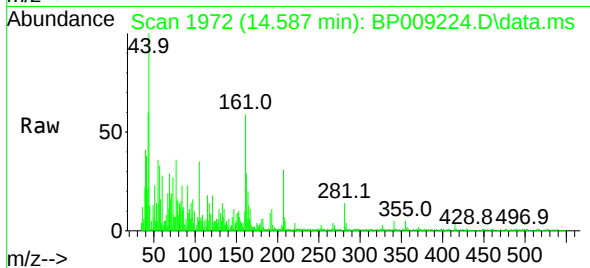




#54
2,4-Dinitrophenol
Concen: 2.171 ng
RT: 14.587 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

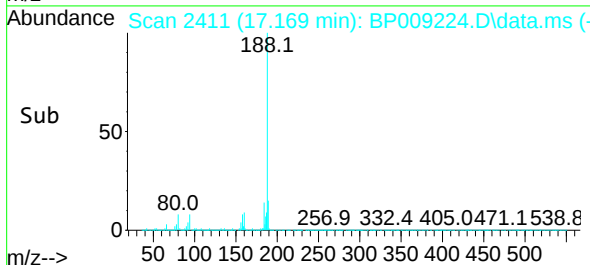
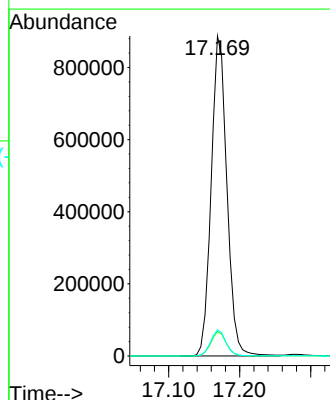
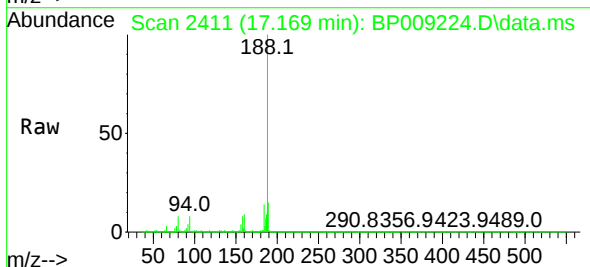
Instrument :
BNA_P
ClientSampleId :
SB-4R-EE(0-0.5)

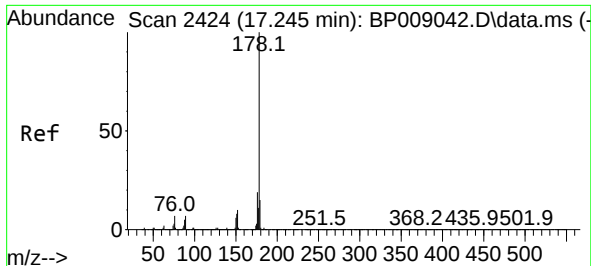
Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 400.0 35.6 53.4#
154 561.9 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

Tgt Ion:188 Resp: 1361014
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.2 7.2 10.8

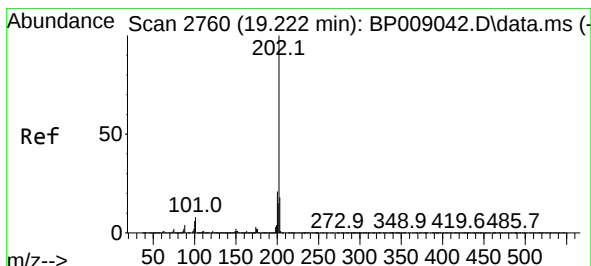
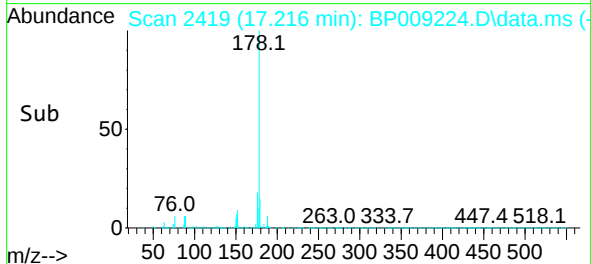
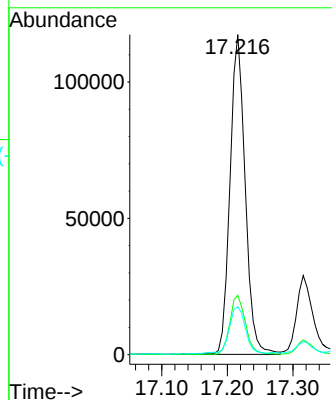
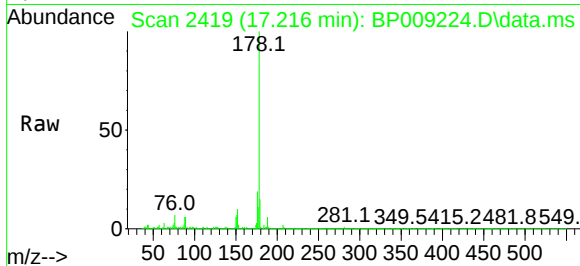




#71
Phenanthrene
Concen: 2.558 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

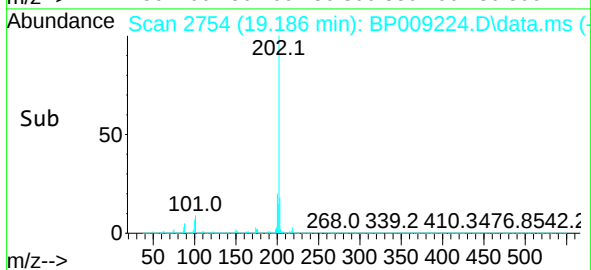
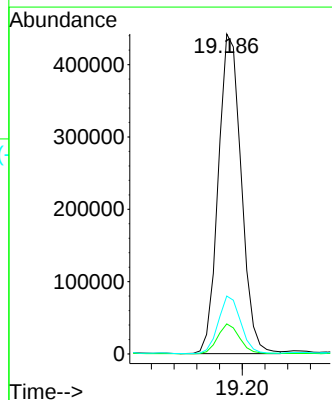
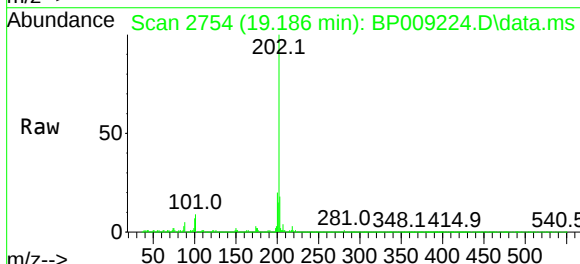
Instrument :
BNA_P
ClientSampleId :
SB-4R-EE(0-0.5)

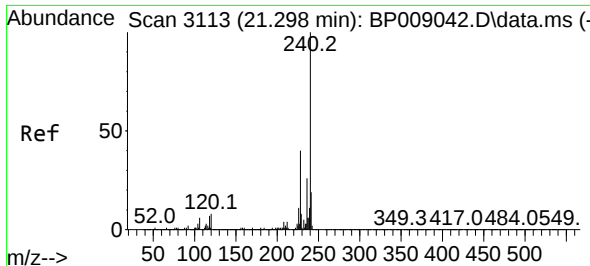
Tgt Ion:178 Resp: 188505
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 15.0 13.0 19.4



#75
Fluoranthene
Concen: 7.505 ng
RT: 19.186 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

Tgt Ion:202 Resp: 619870
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.7
203 18.1 0.0 38.9

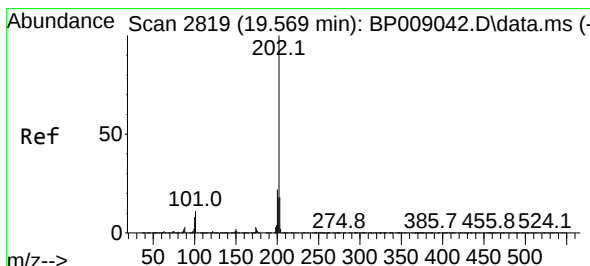
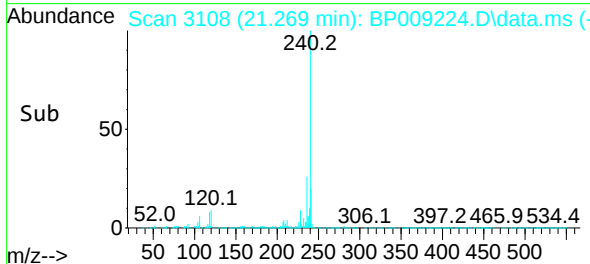
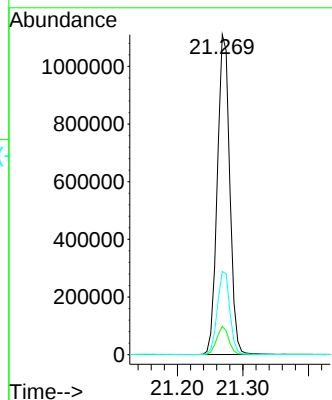
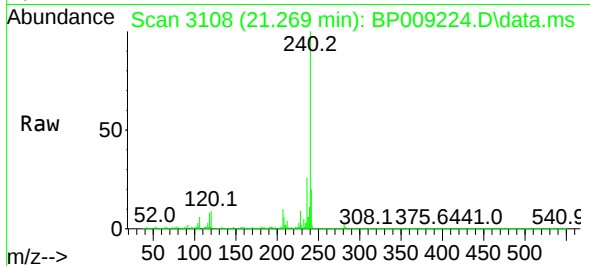




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3113
Delta R.T. -0.012 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

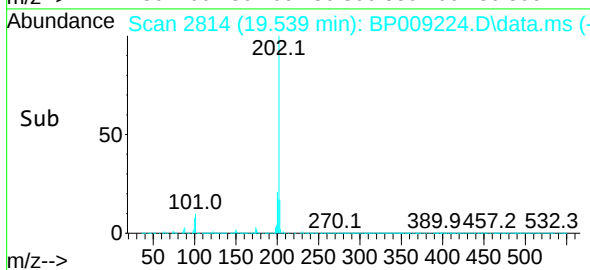
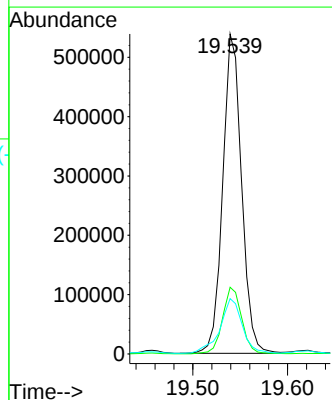
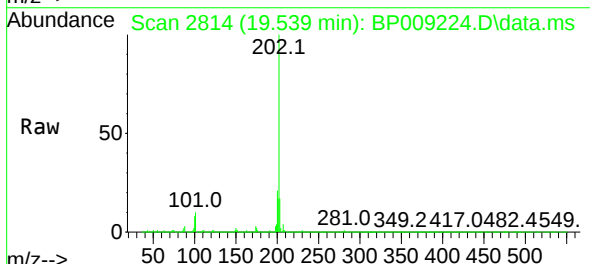
Instrument :
BNA_P
ClientSampleId :
SB-4R-EE(0-0.5)

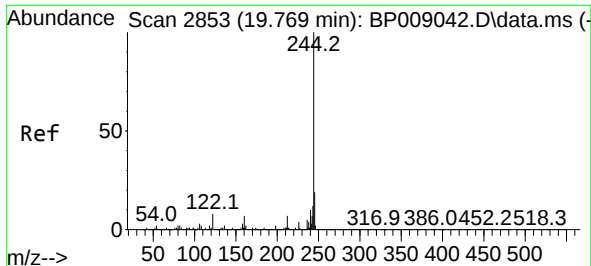
Tgt Ion:240 Resp: 1453310
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 26.0 21.2 31.8



#78
Pyrene
Concen: 7.208 ng
RT: 19.539 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

Tgt Ion:202 Resp: 745221
Ion Ratio Lower Upper
202 100
200 20.9 18.0 27.0
203 17.3 15.0 22.6

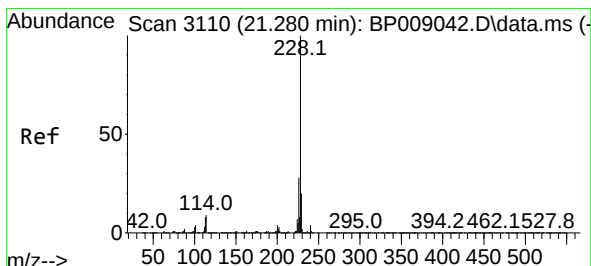
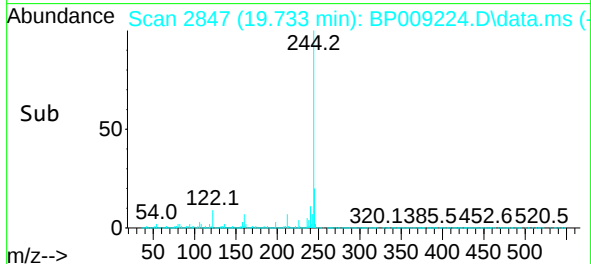
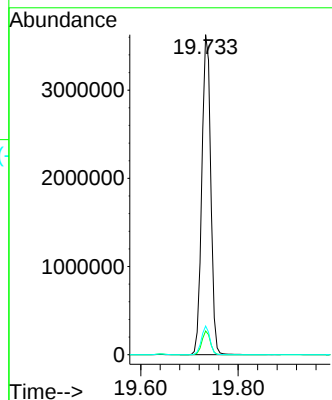
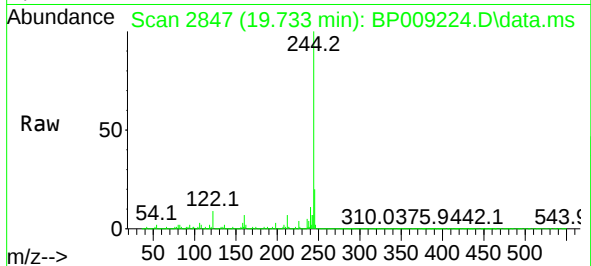




#79
 Terphenyl-d14
 Concen: 57.086 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009224.D
 Acq: 18 Feb 2022 20:56

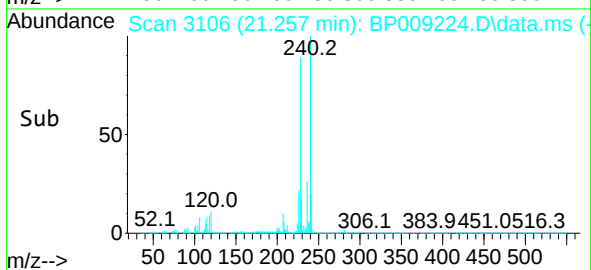
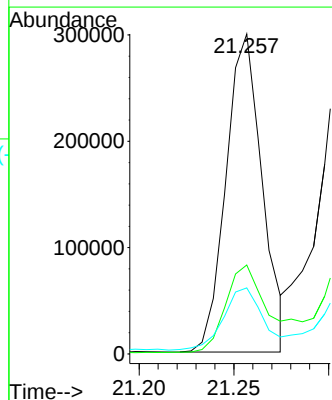
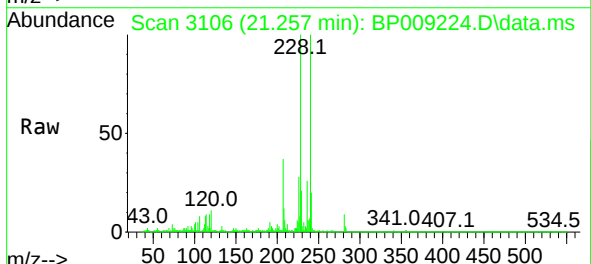
Instrument :
 BNA_P
 ClientSampleId :
 SB-4R-EE(0-0.5)

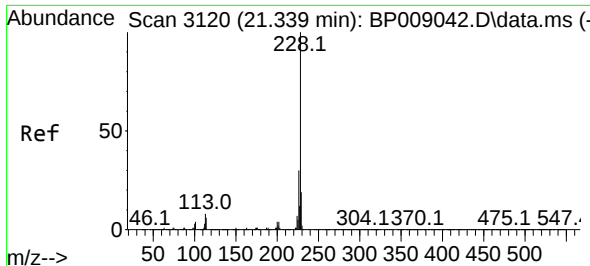
Tgt Ion:244 Resp: 4613415
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 9.0 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 4.245 ng
 RT: 21.257 min Scan# 3106
 Delta R.T. -0.006 min
 Lab File: BP009224.D
 Acq: 18 Feb 2022 20:56

Tgt Ion:228 Resp: 397549
 Ion Ratio Lower Upper
 228 100
 226 27.8 23.3 34.9
 229 20.7 17.0 25.6

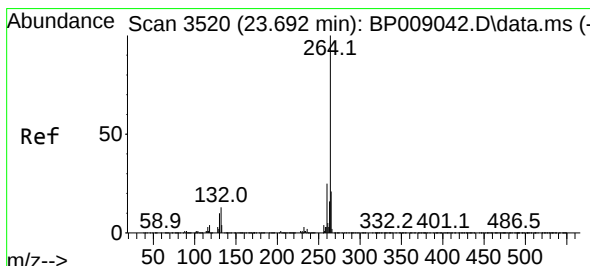
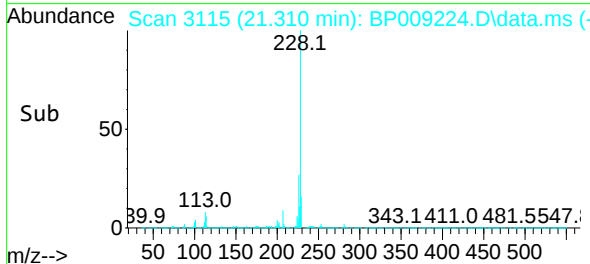
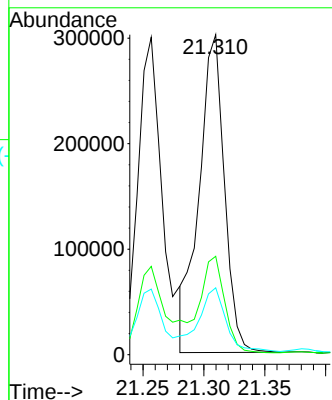
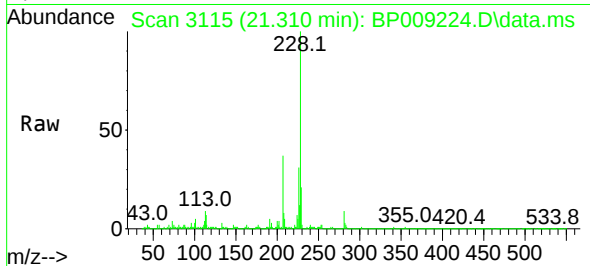




#83
Chrysene
Concen: 4.826 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

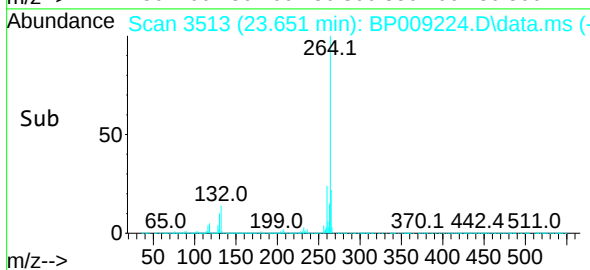
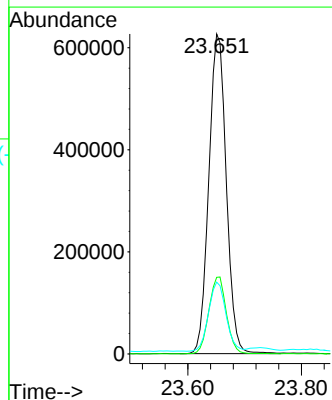
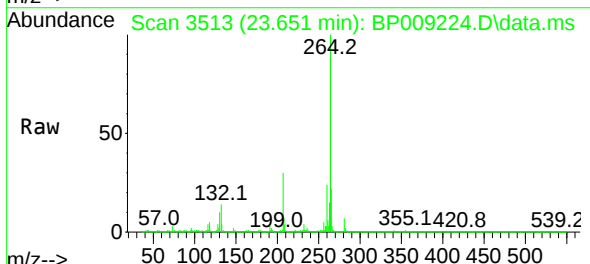
Instrument :
BNA_P
ClientSampleId :
SB-4R-EE(0-0.5)

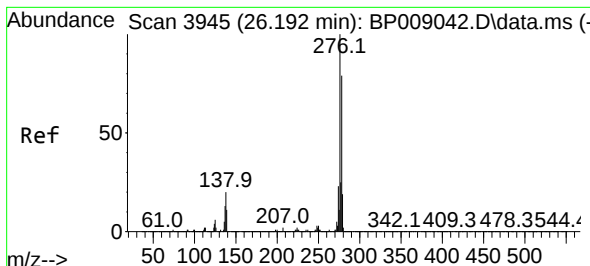
Tgt Ion:228 Resp: 435682
Ion Ratio Lower Upper
228 100
226 30.8 26.0 39.0
229 20.9 16.9 25.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.651 min Scan# 3513
Delta R.T. -0.012 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

Tgt Ion:264 Resp: 1332447
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 22.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.243 ng

RT: 26.145 min Scan# 3937

Delta R.T. -0.012 min

Lab File: BP009224.D

Acq: 18 Feb 2022 20:56

Instrument :

BNA_P

ClientSampleId :

SB-4R-EE(0-0.5)

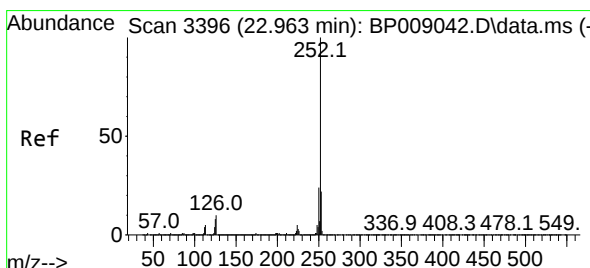
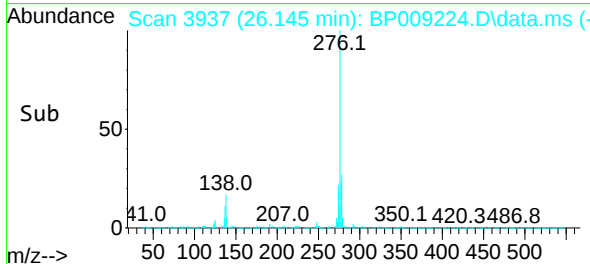
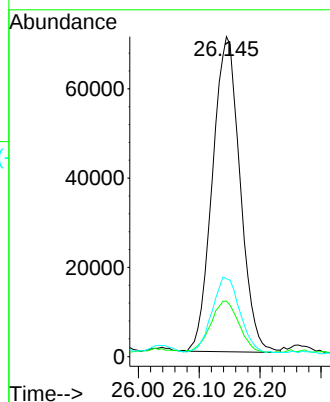
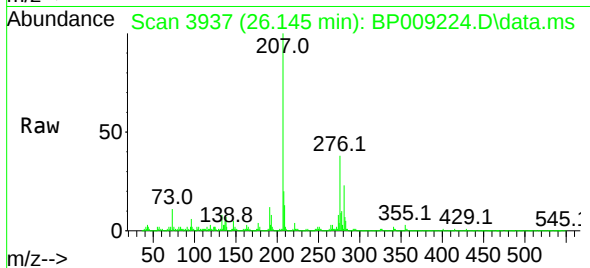
Tgt Ion:276 Resp: 222062

Ion Ratio Lower Upper

276 100

138 17.0 17.8 26.6#

277 24.6 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 6.322 ng

RT: 22.933 min Scan# 3391

Delta R.T. -0.006 min

Lab File: BP009224.D

Acq: 18 Feb 2022 20:56

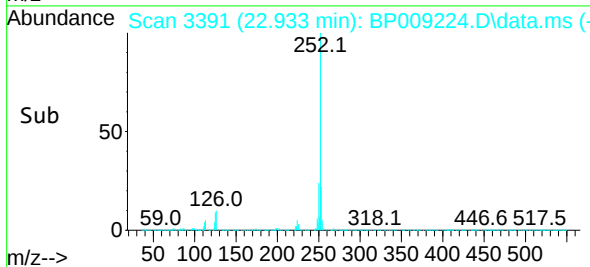
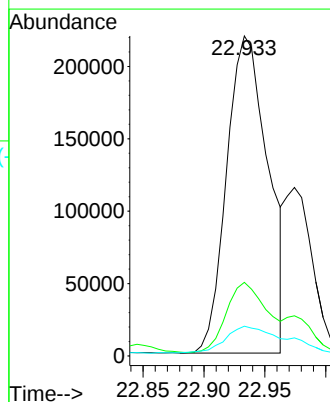
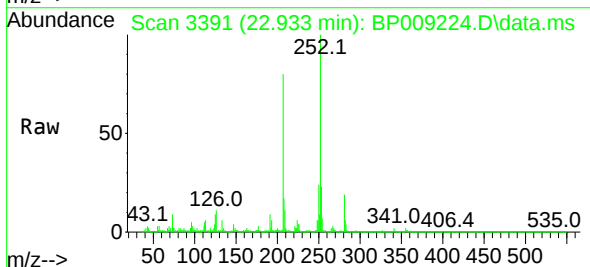
Tgt Ion:252 Resp: 518566

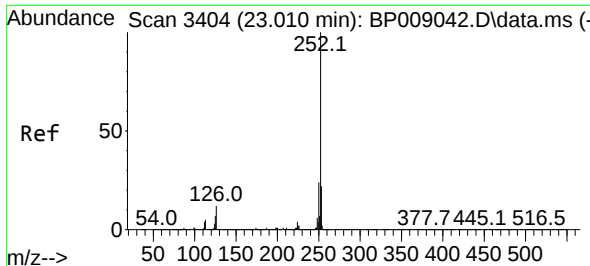
Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

125 9.3 6.9 10.3

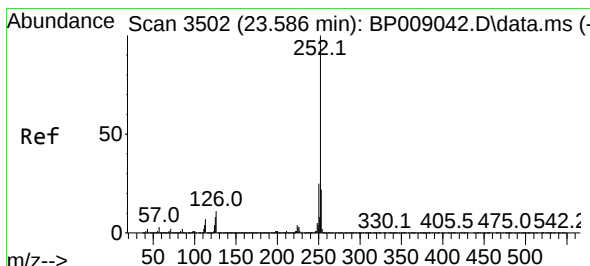
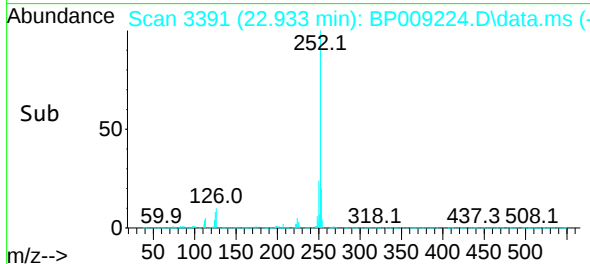
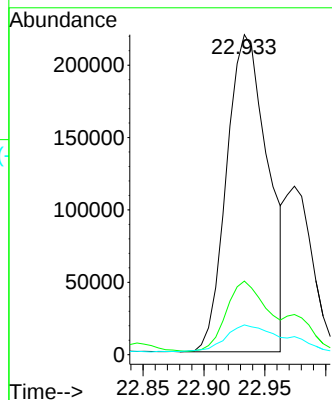
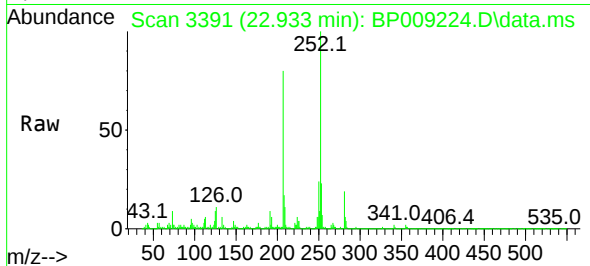




#89
Benzo(k)fluoranthene
Concen: 6.337 ng
RT: 22.933 min Scan# 31
Delta R.T. -0.053 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

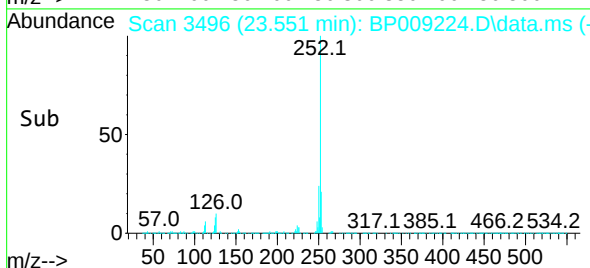
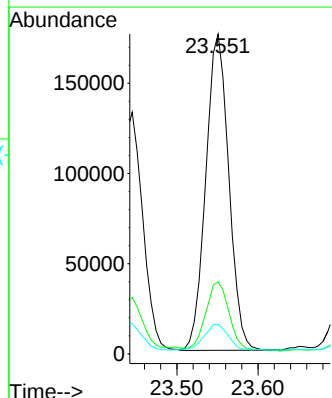
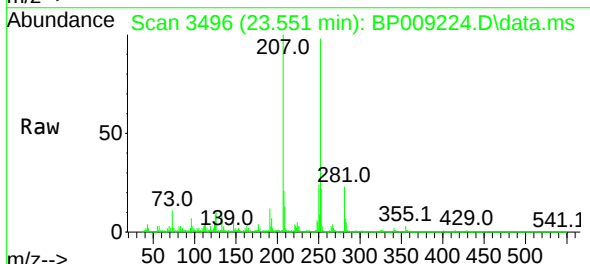
Instrument :
BNA_P
ClientSampleId :
SB-4R-EE(0-0.5)

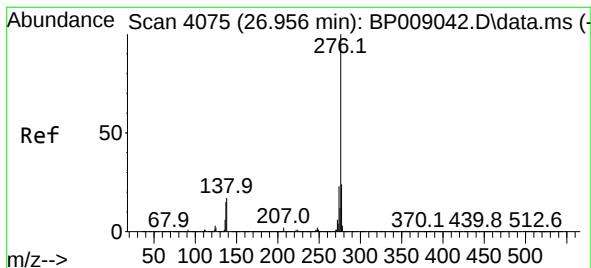
Tgt Ion:252 Resp: 518566
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 9.3 7.3 10.9



#90
Benzo(a)pyrene
Concen: 5.049 ng
RT: 23.551 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BP009224.D
Acq: 18 Feb 2022 20:56

Tgt Ion:252 Resp: 345279
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.3 7.8 11.6





#92

Benzo(g,h,i)perylene

Concen: 2.727 ng

RT: 26.909 min Scan# 40

Delta R.T. -0.012 min

Lab File: BP009224.D

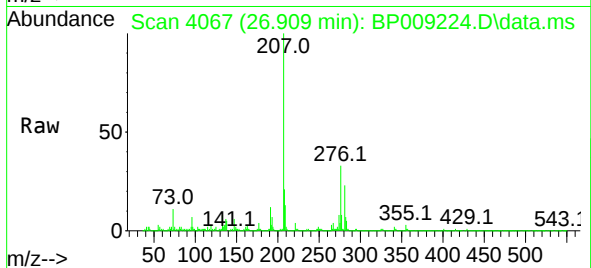
Acq: 18 Feb 2022 20:56

Instrument :

BNA_P

ClientSampleId :

SB-4R-EE(0-0.5)



Tgt Ion:276 Resp: 220893

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 16.0 15.0 22.4

