

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
 Data File : BP009109.D
 Acq On : 10 Feb 2022 20:37
 Operator : CG/JU
 Sample : N1455-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Feb 11 02:27:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

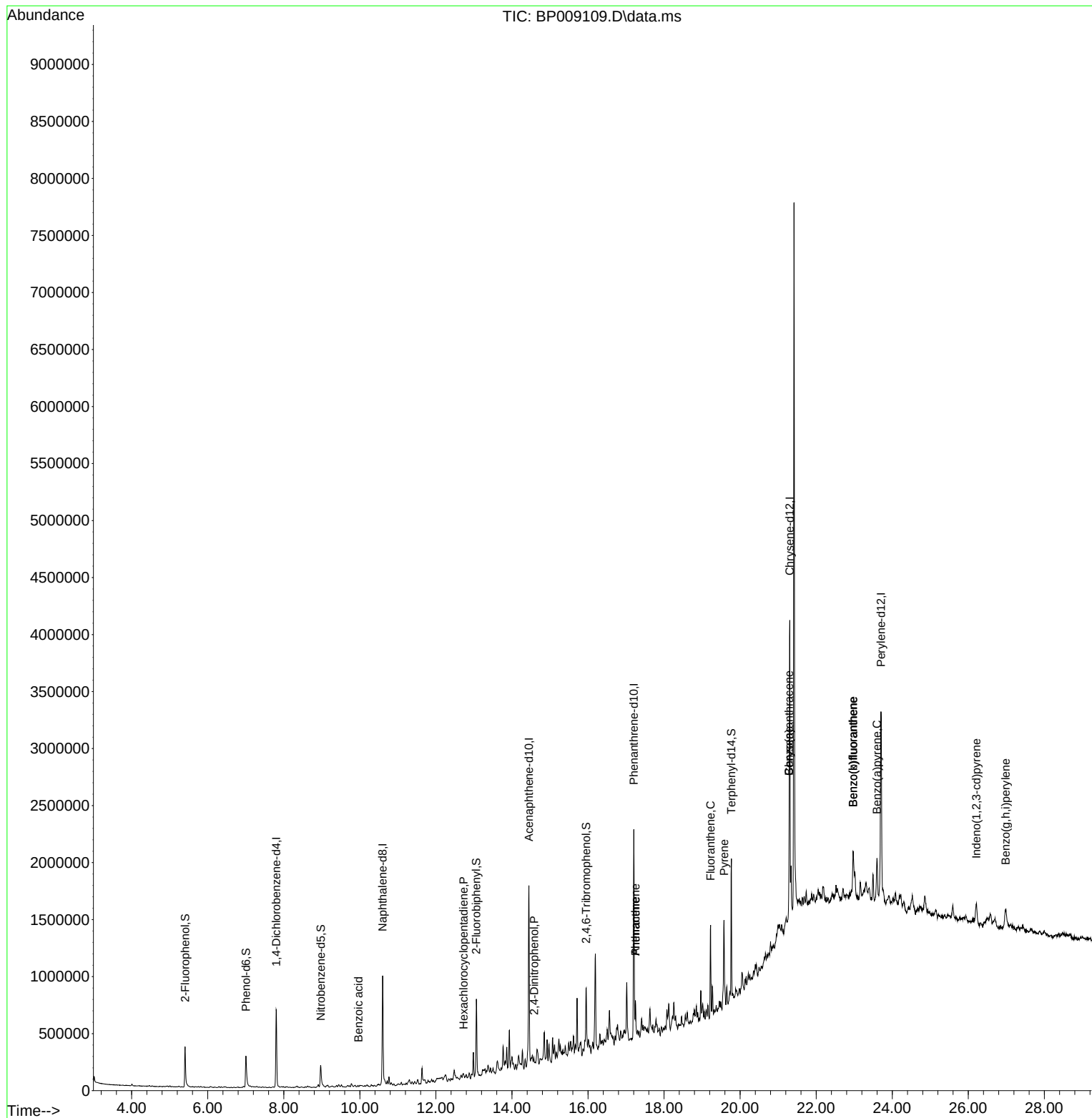
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	220038	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	888221	20.000	ng	0.00
39) Acenaphthene-d10	14.446	164	594190	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1145191	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1202096	20.000	ng	0.00
86) Perylene-d12	23.704	264	1369285	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	207102	16.789	ng	0.01
7) Phenol-d6	7.005	99	248929	15.315	ng	0.02
23) Nitrobenzene-d5	8.969	82	154806	9.829	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	136783	17.241	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	426731	10.054	ng	0.00
79) Terphenyl-d14	19.769	244	590469	8.833	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.963	122	82	2.699	ng	# 1
41) Hexachlorocyclopentadiene	12.728	237	19	8.658	ng	83
54) 2,4-Dinitrophenol	14.581	184	72	2.186	ng	# 1
71) Phenanthrene	17.245	178	204189	3.293	ng	97
72) Anthracene	17.245	178	204189	3.366	ng	97
75) Fluoranthene	19.222	202	504359	7.257	ng	97
78) Pyrene	19.575	202	496479	5.806	ng	98
81) Benzo(a)anthracene	21.286	228	262465	3.388	ng	98
83) Chrysene	21.286	228	262465	3.515	ng	95
87) Indeno(1,2,3-cd)pyrene	26.216	276	220970	2.172	ng	# 92
88) Benzo(b)fluoranthene	22.975	252	362970	4.306	ng	# 86
89) Benzo(k)fluoranthene	22.975	252	362970	4.316	ng	# 87
90) Benzo(a)pyrene	23.598	252	259208	3.688	ng	# 92
92) Benzo(g,h,i)perylene	26.980	276	239632	2.879	ng	92

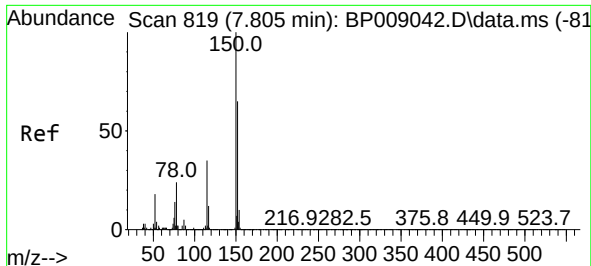
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

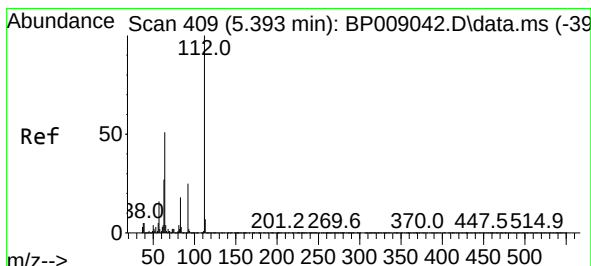
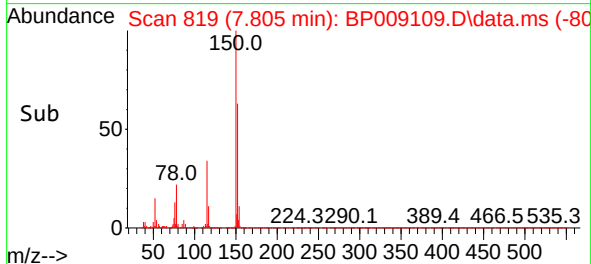
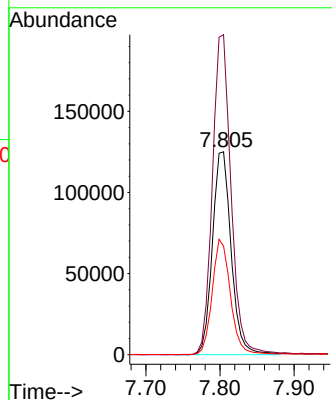
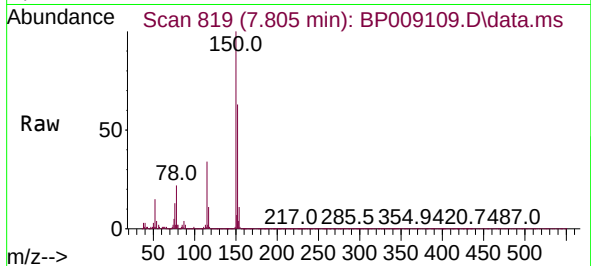




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

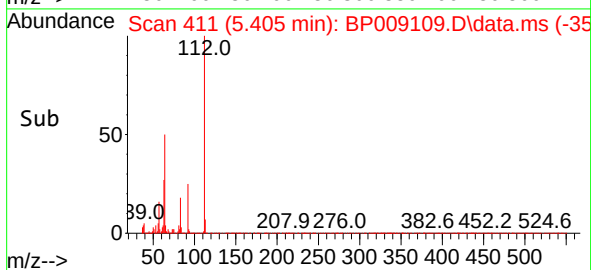
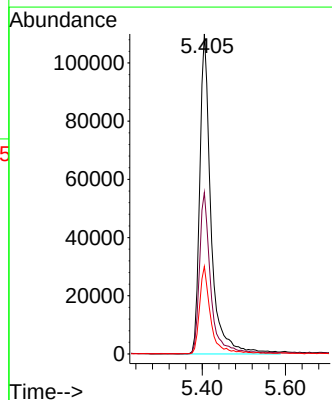
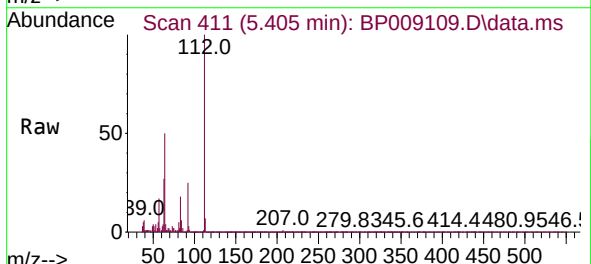
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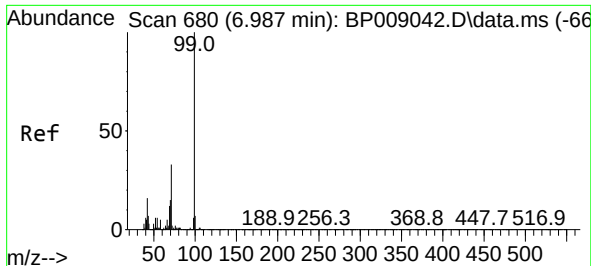
Tgt Ion:152 Resp: 220038
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 53.5 43.7 65.5



#5
2-Fluorophenol
Concen: 16.789 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

Tgt Ion:112 Resp: 207102
Ion Ratio Lower Upper
112 100
64 50.5 39.7 59.5
63 27.3 20.0 30.0

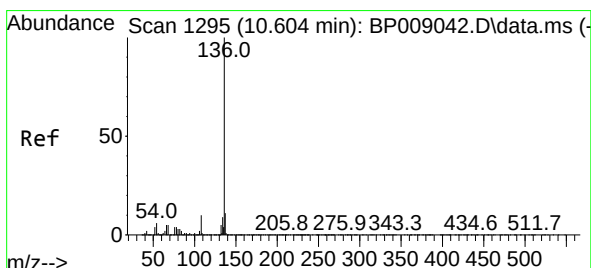
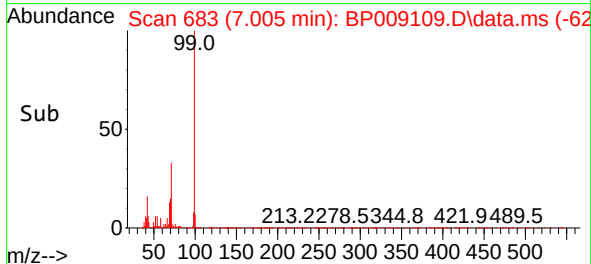
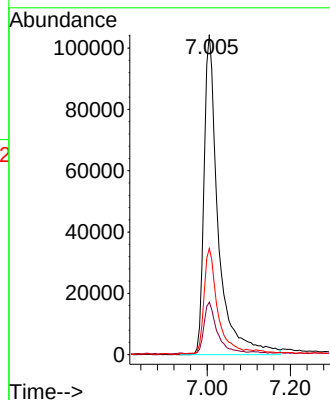
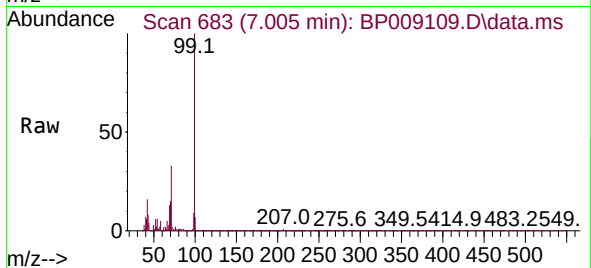




#7
Phenol-d6
Concen: 15.315 ng
RT: 7.005 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

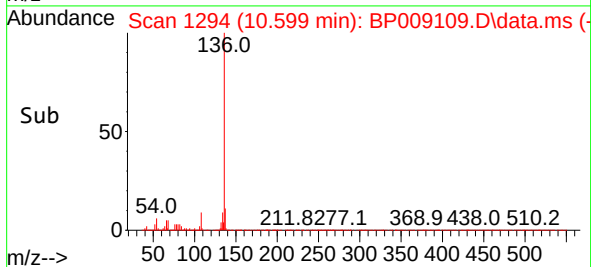
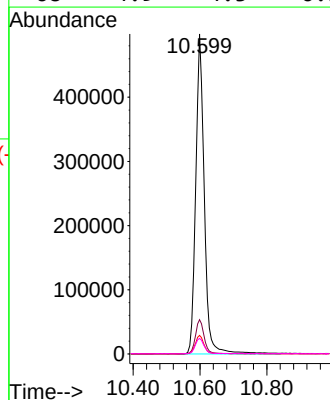
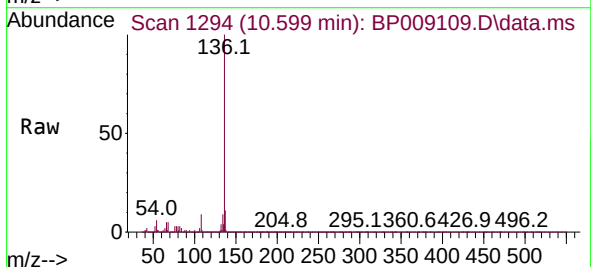
Instrument :
BNA_P
ClientSampleId :
TP-1

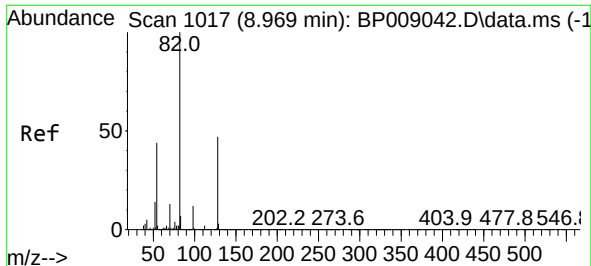
Tgt Ion: 99 Resp: 248929
Ion Ratio Lower Upper
99 100
42 16.4 10.8 16.2#
71 33.2 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

Tgt Ion: 136 Resp: 888221
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 5.8 4.9 7.3
68 4.9 4.3 6.5

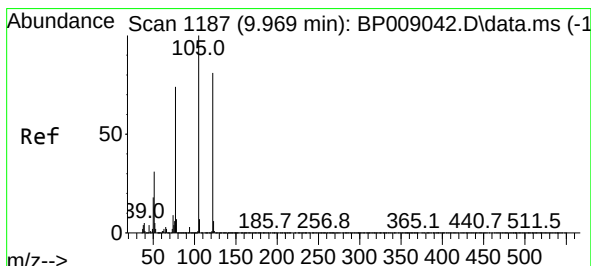
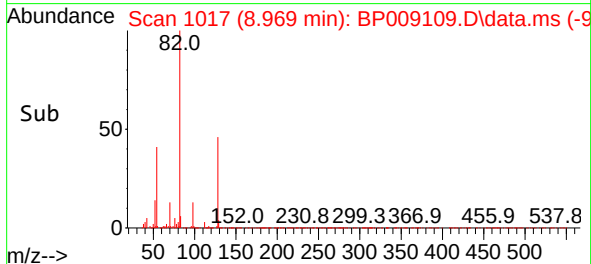
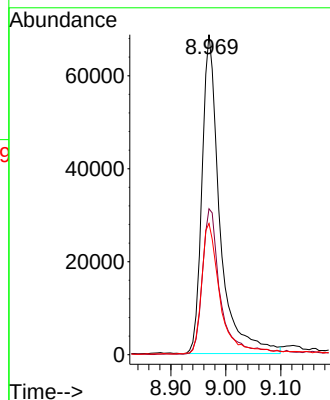
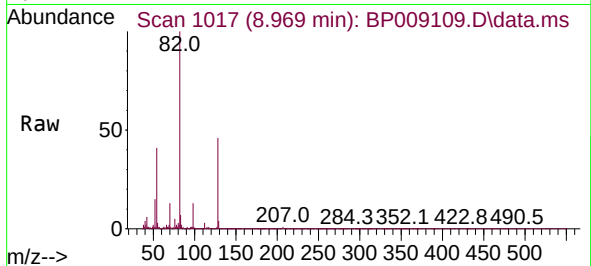




#23
Nitrobenzene-d5
Concen: 9.829 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

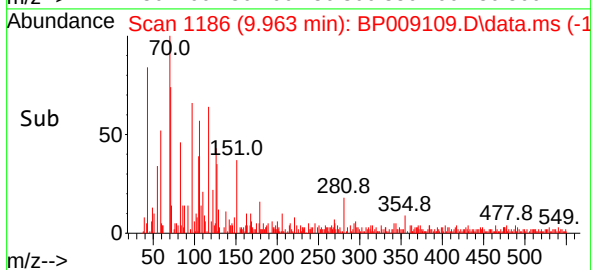
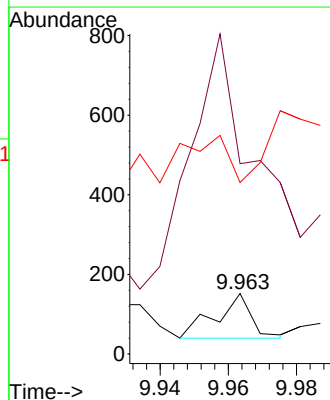
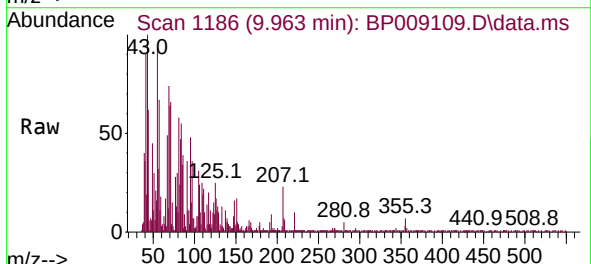
Instrument :
BNA_P
ClientSampleId :
TP-1

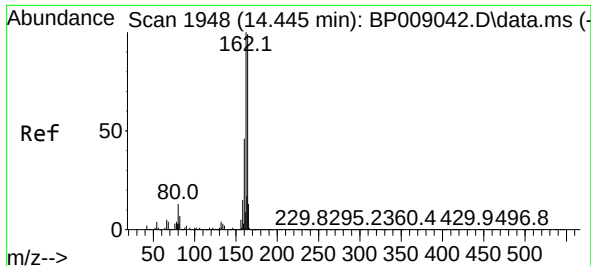
Tgt Ion: 82 Resp: 154806
Ion Ratio Lower Upper
82 100
128 45.6 39.4 59.2
54 41.0 32.6 48.8



#32
Benzoic acid
Concen: 2.699 ng
RT: 9.963 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

Tgt Ion: 122 Resp: 82
Ion Ratio Lower Upper
122 100
105 314.5 100.1 140.1#
77 283.6 65.5 105.5#

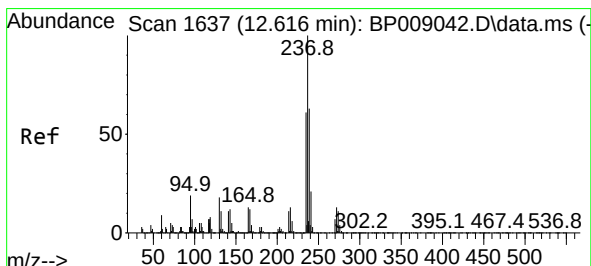
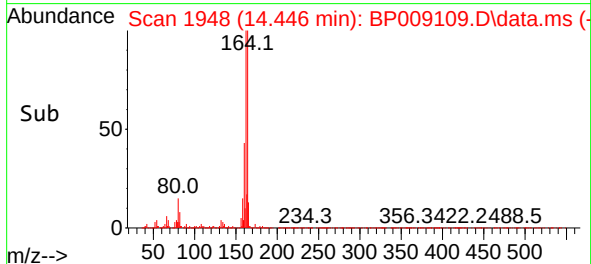
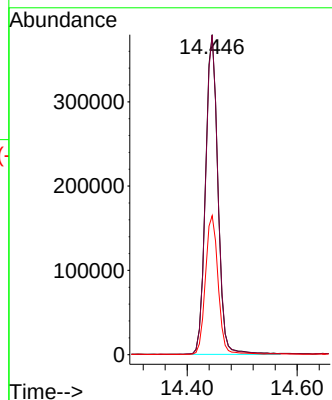
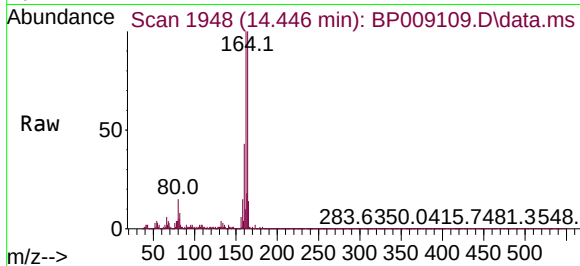




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1948
Delta R.T. 0.001 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

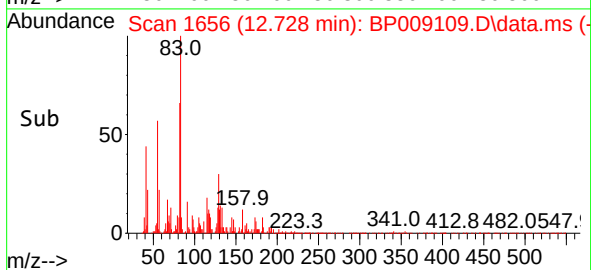
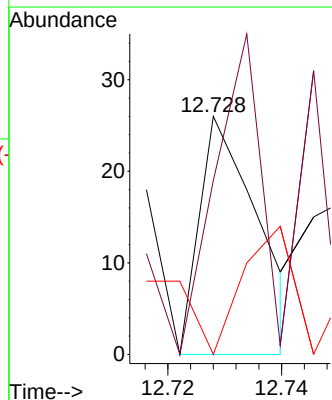
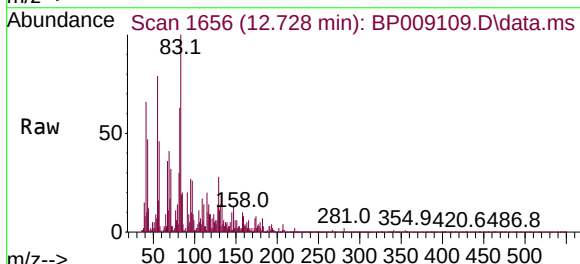
Instrument :
BNA_P
ClientSampleId :
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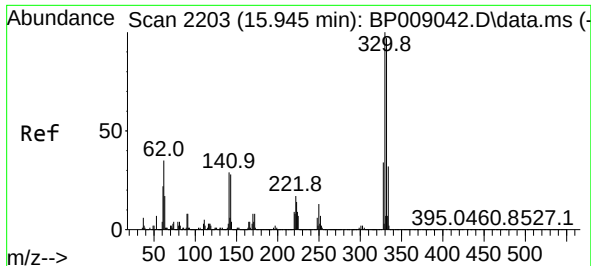
Tgt Ion:164 Resp: 594190
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 43.4 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.728 min Scan# 1656
Delta R.T. 0.112 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

Tgt Ion:237 Resp: 19
Ion Ratio Lower Upper
237 100
235 73.1 42.9 82.9
272 0.0 0.0 33.8

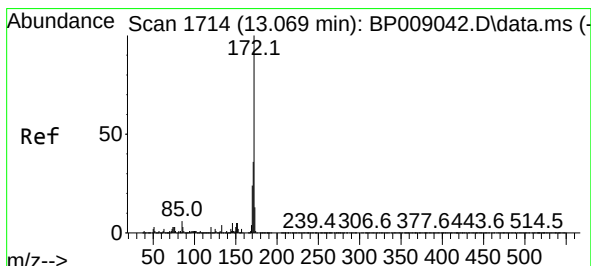
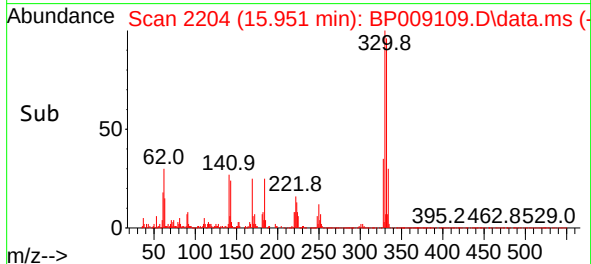
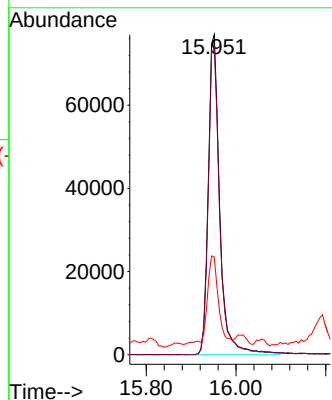
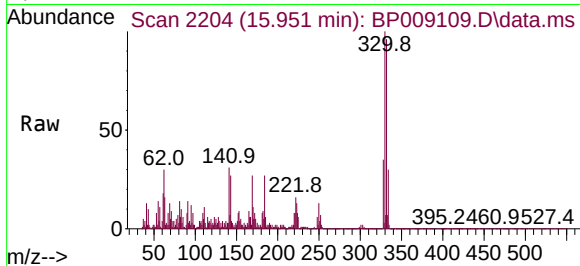




#42
2,4,6-Tribromophenol
Concen: 17.241 ng
RT: 15.951 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

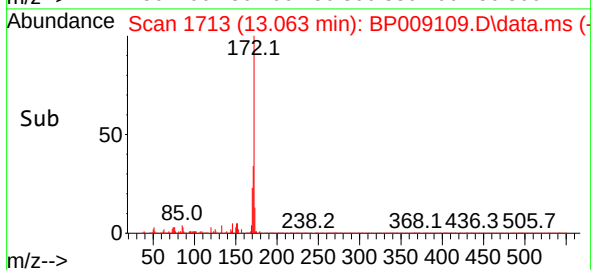
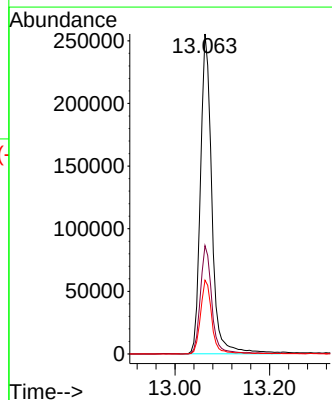
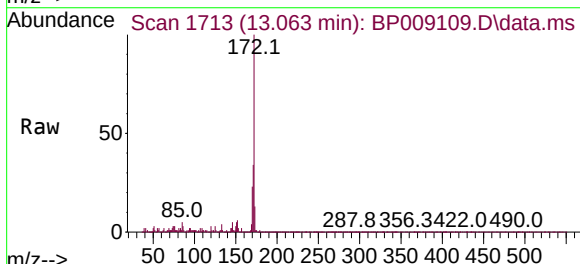
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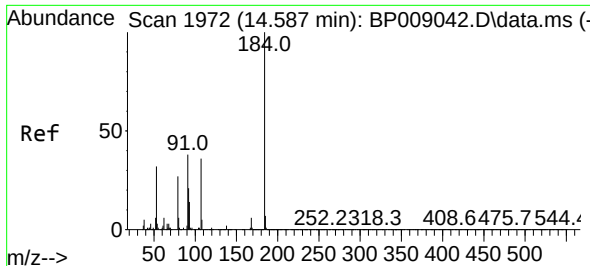
Tgt Ion:330 Resp: 136783
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 28.2 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 10.054 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

Tgt Ion:172 Resp: 426731
Ion Ratio Lower Upper
172 100
171 33.9 29.3 43.9
170 23.1 19.5 29.3

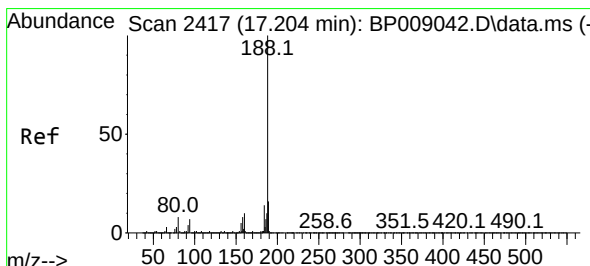
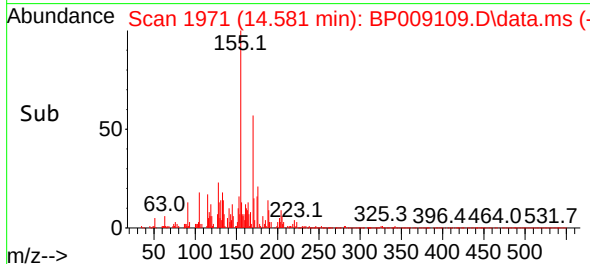
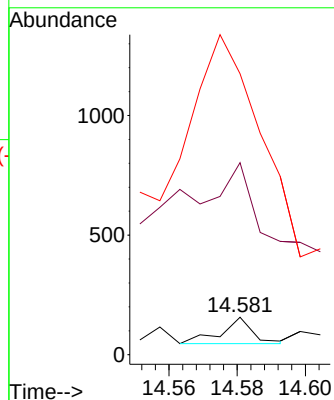
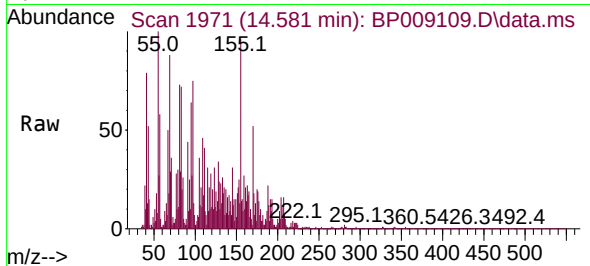




#54
2,4-Dinitrophenol
Concen: 2.186 ng
RT: 14.581 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

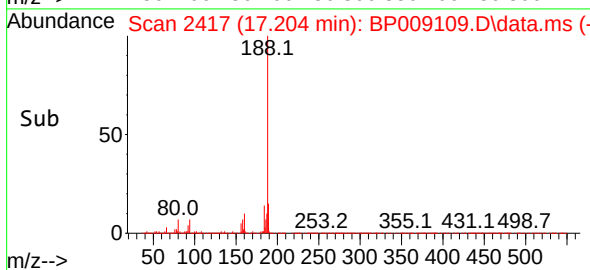
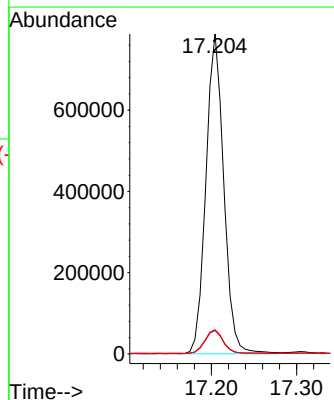
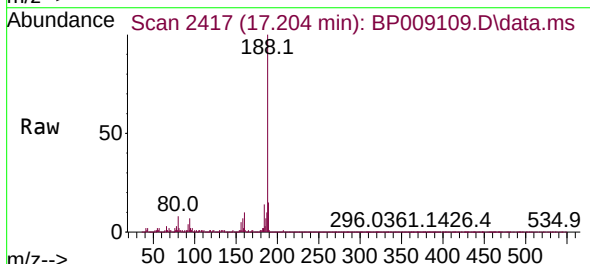
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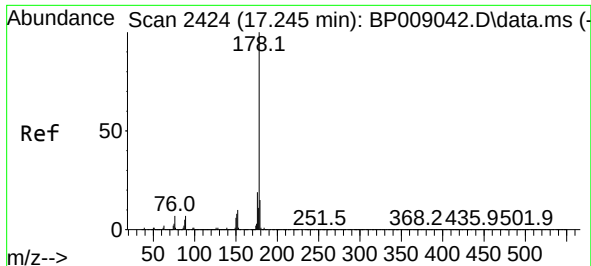
Tgt Ion:184 Resp: 72
Ion Ratio Lower Upper
184 100
63 511.5 35.6 53.4#
154 748.4 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

Tgt Ion:188 Resp: 1145191
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.6 7.2 10.8

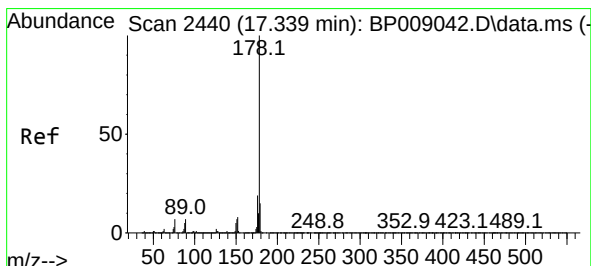
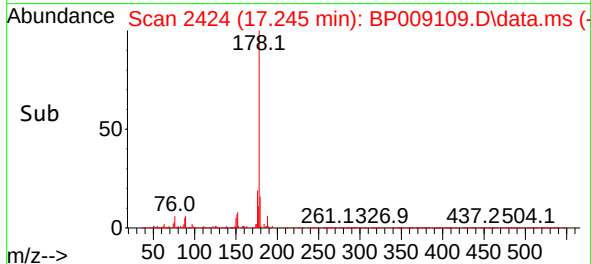
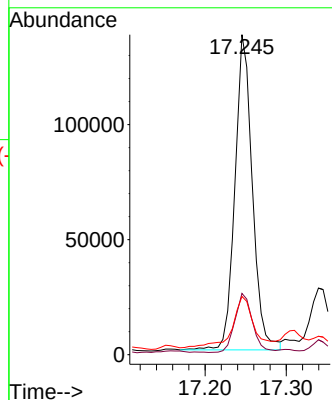
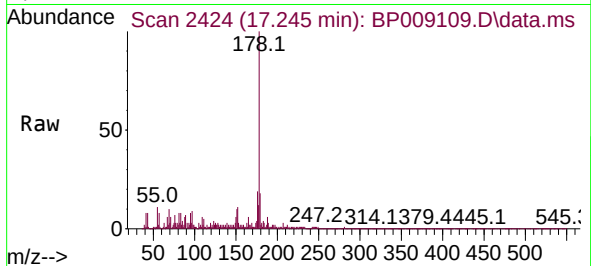




#71
Phenanthrene
Concen: 3.293 ng
RT: 17.245 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

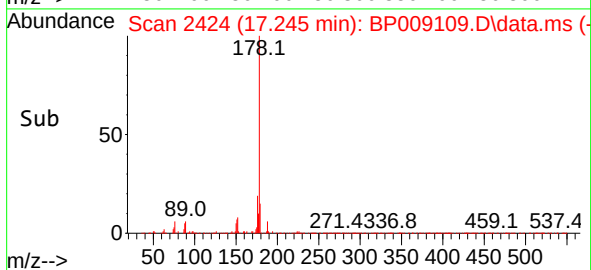
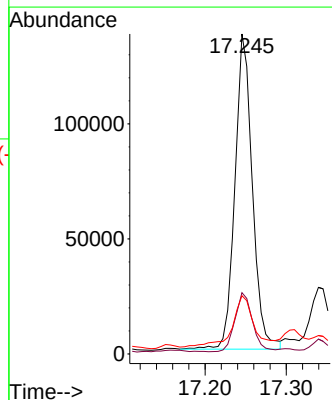
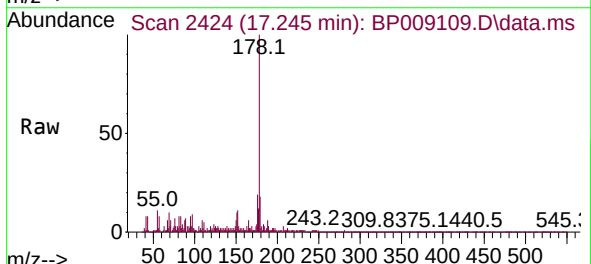
Instrument :
BNA_P
ClientSampleId :
TP-1

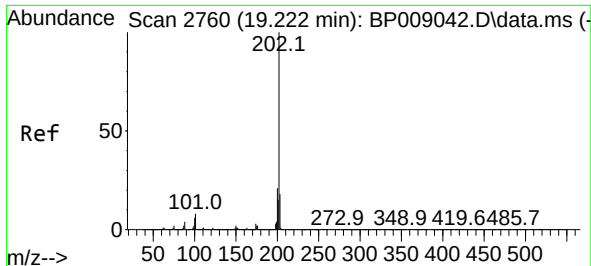
Tgt Ion:178 Resp: 204189
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 18.2 13.0 19.4



#72
Anthracene
Concen: 3.366 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.094 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

Tgt Ion:178 Resp: 204189
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 18.2 12.8 19.2

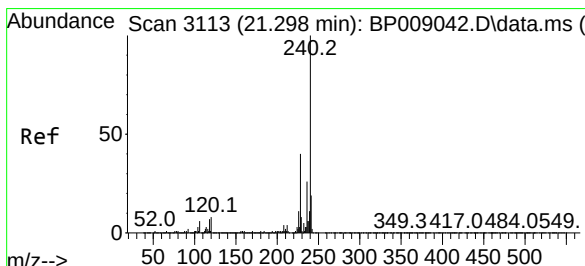
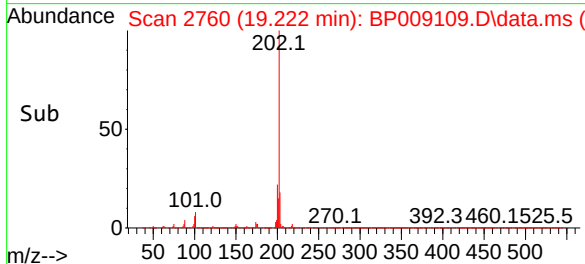
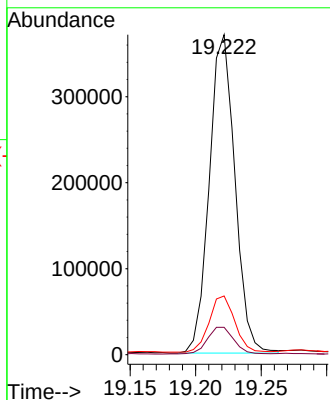
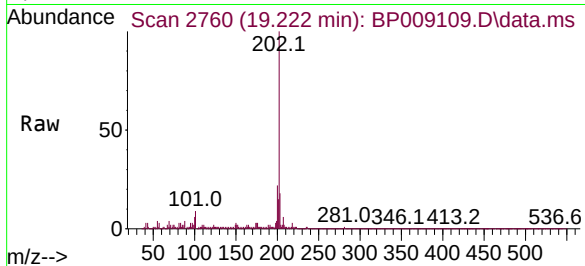




#75
Fluoranthene
Concen: 7.257 ng
RT: 19.222 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

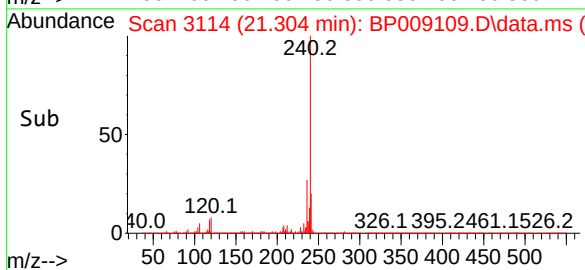
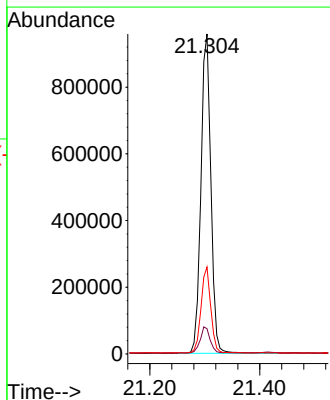
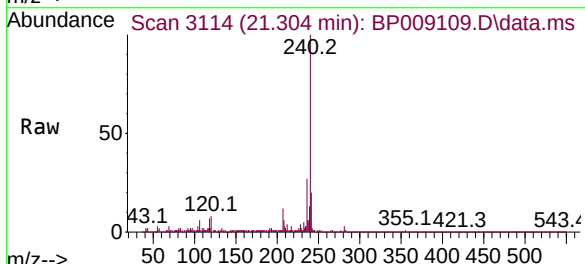
Instrument :
BNA_P
ClientSampleId :
TP-1

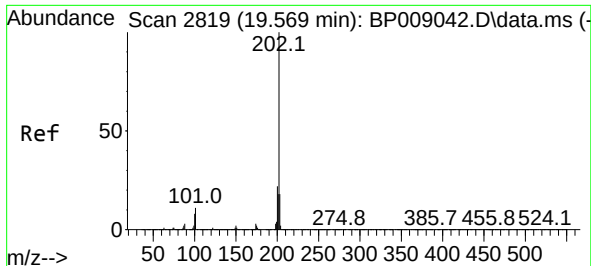
Tgt Ion:202 Resp: 504359
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.7
203 18.4 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

Tgt Ion:240 Resp: 1202096
Ion Ratio Lower Upper
240 100
120 7.9 7.7 11.5
236 27.2 21.2 31.8

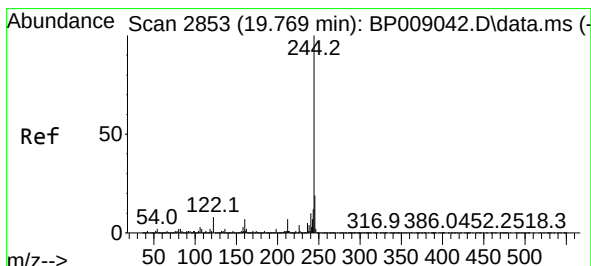
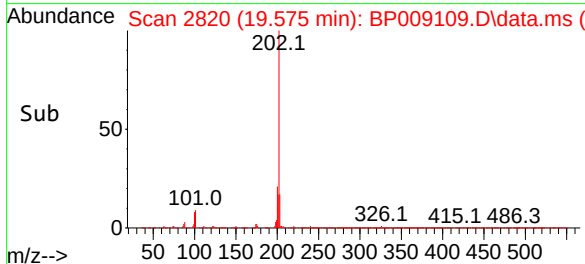
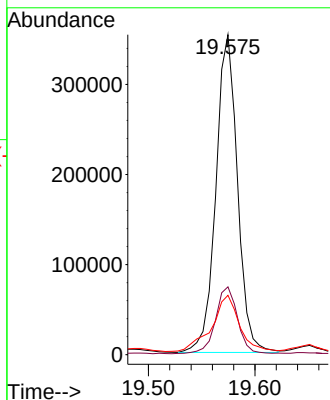
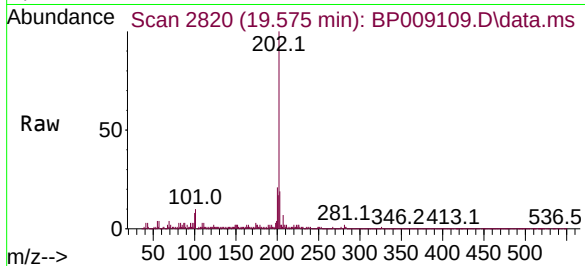




#78
Pyrene
Concen: 5.806 ng
RT: 19.575 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

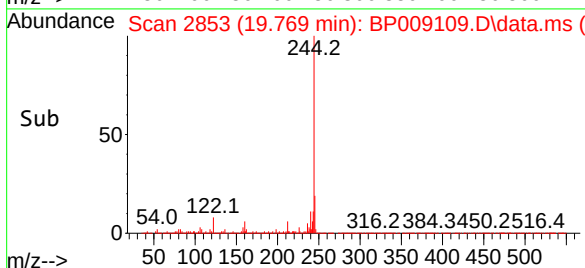
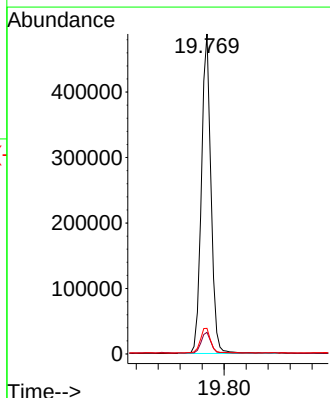
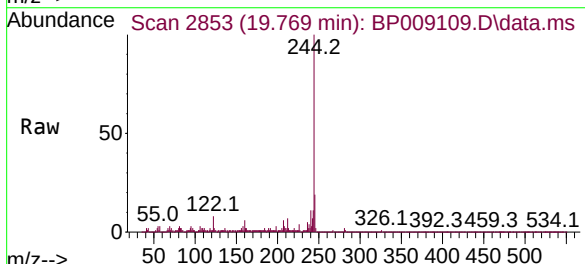
Instrument :
BNA_P
ClientSampleId :
TP-1

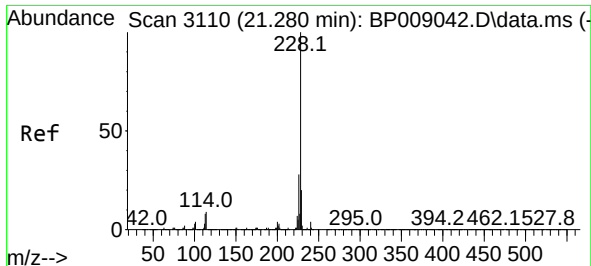
Tgt Ion:202 Resp: 496479
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 18.6 15.0 22.6



#79
Terphenyl-d14
Concen: 8.833 ng
RT: 19.769 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

Tgt Ion:244 Resp: 590469
Ion Ratio Lower Upper
244 100
212 6.7 6.5 9.7
122 8.0 9.2 13.8#

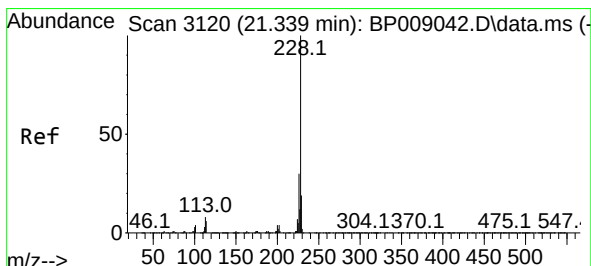
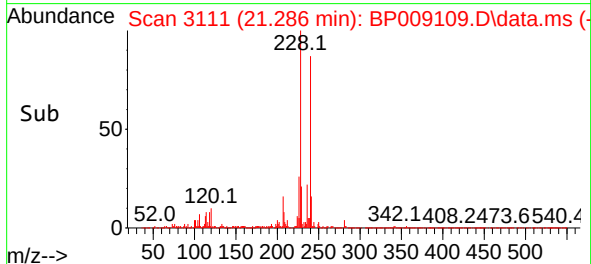
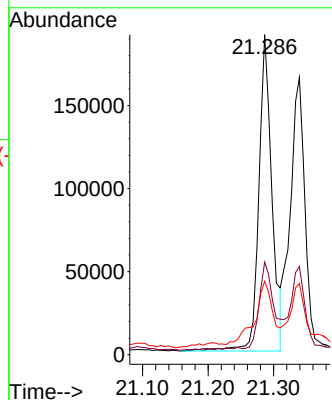
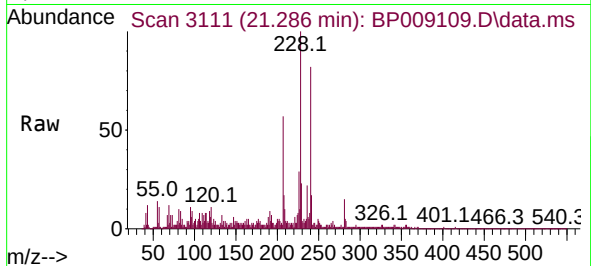




#81
Benzo(a)anthracene
Concen: 3.388 ng
RT: 21.286 min Scan# 3111
Delta R.T. 0.006 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

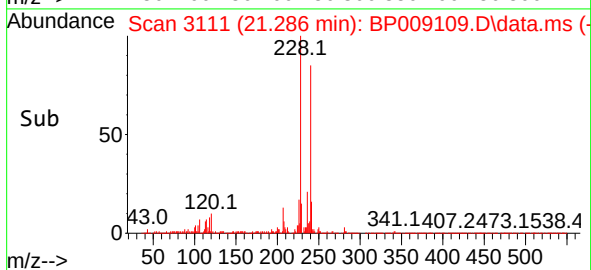
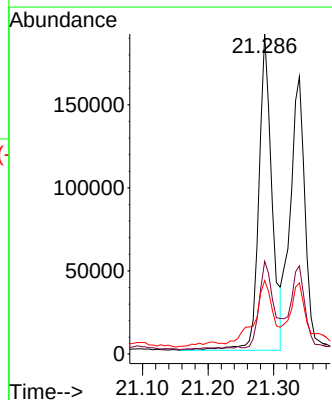
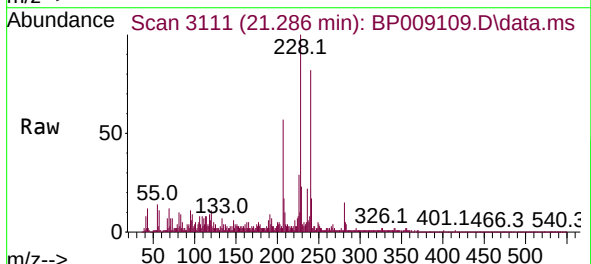
Instrument :
BNA_P
ClientSampleId :
TP-1

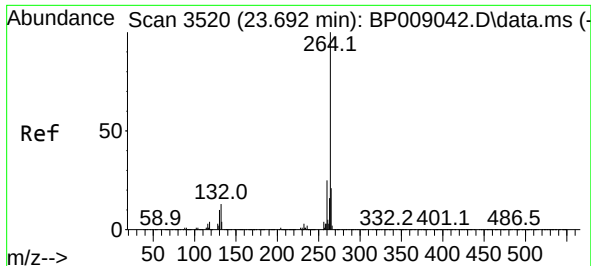
Tgt Ion:228 Resp: 262465
Ion Ratio Lower Upper
228 100
226 29.0 23.3 34.9
229 23.0 17.0 25.6



#83
Chrysene
Concen: 3.515 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.053 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

Tgt Ion:228 Resp: 262465
Ion Ratio Lower Upper
228 100
226 29.0 26.0 39.0
229 23.0 16.9 25.3

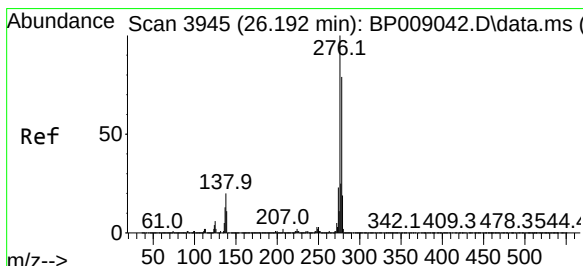
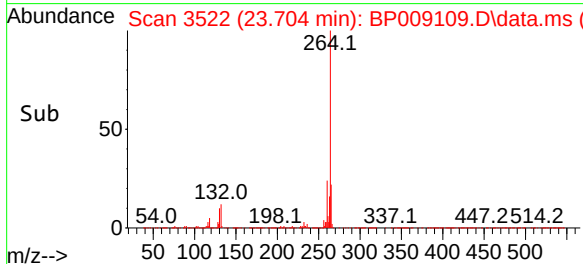
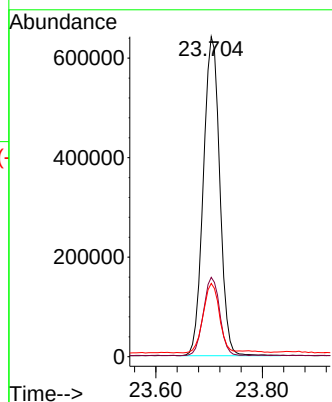
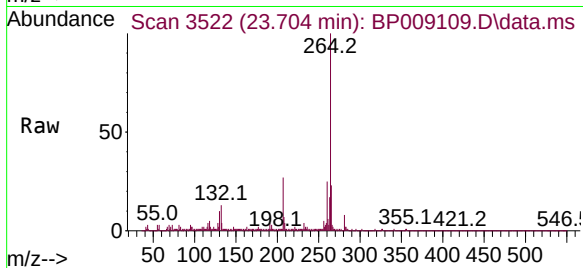




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3522
Delta R.T. 0.012 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

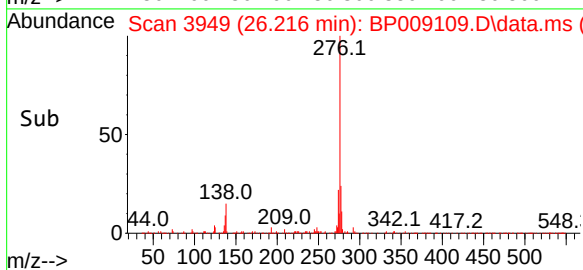
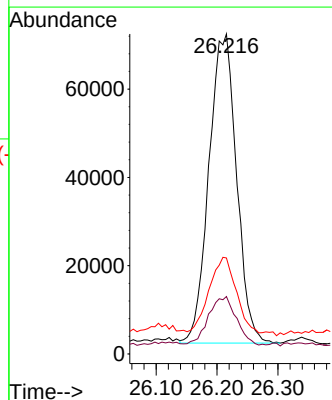
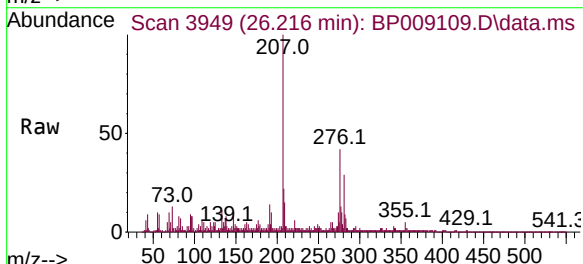
Instrument :
BNA_P
ClientSampleId :
TP-1

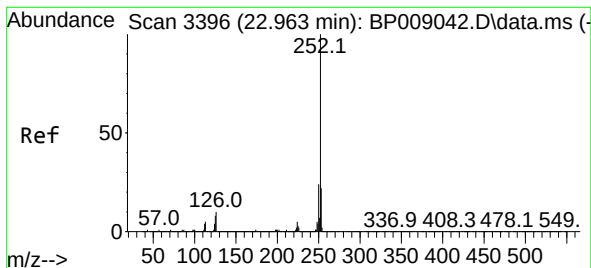
Tgt Ion:264 Resp: 1369285
Ion Ratio Lower Upper
264 100
260 24.8 19.1 28.7
265 22.9 17.1 25.7



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.172 ng
RT: 26.216 min Scan# 3949
Delta R.T. 0.024 min
Lab File: BP009109.D
Acq: 10 Feb 2022 20:37

Tgt Ion:276 Resp: 220970
Ion Ratio Lower Upper
276 100
138 15.8 17.8 26.6#
277 24.0 20.4 30.6





#88

Benzo(b)fluoranthene

Concen: 4.306 ng

RT: 22.975 min Scan# 3398

Delta R.T. 0.012 min

Lab File: BP009109.D

Acq: 10 Feb 2022 20:37

Instrument :

BNA_P

ClientSampleId :

TP-1

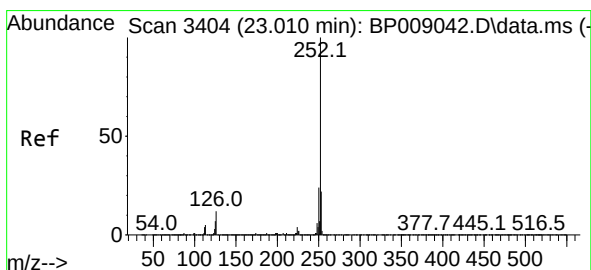
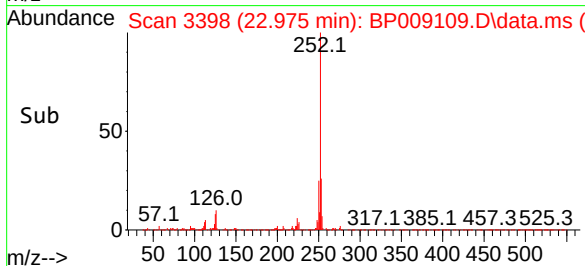
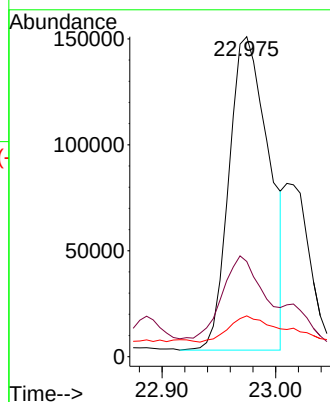
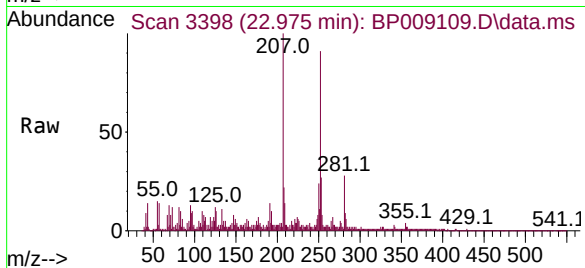
Tgt Ion:252 Resp: 362970

Ion Ratio Lower Upper

252 100

253 29.7 18.0 27.0#

125 12.8 6.9 10.3#



#89

Benzo(k)fluoranthene

Concen: 4.316 ng

RT: 22.975 min Scan# 3398

Delta R.T. -0.035 min

Lab File: BP009109.D

Acq: 10 Feb 2022 20:37

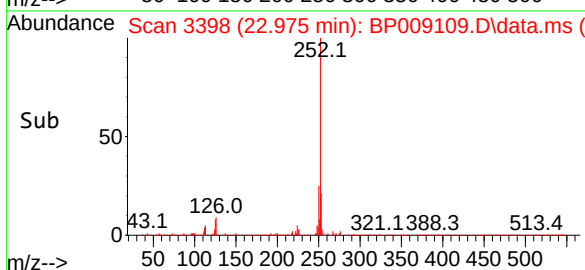
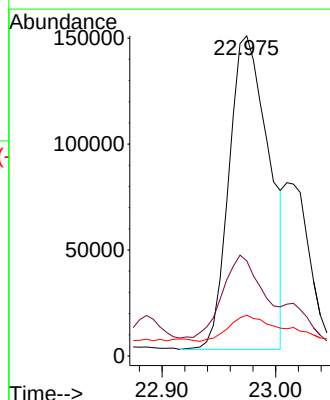
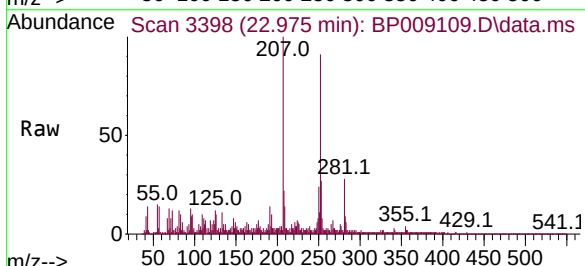
Tgt Ion:252 Resp: 362970

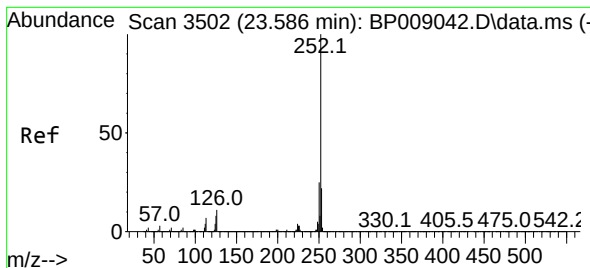
Ion Ratio Lower Upper

252 100

253 29.7 18.2 27.2#

125 12.8 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 3.688 ng

RT: 23.598 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP009109.D

Acq: 10 Feb 2022 20:37

Instrument :

BNA_P

ClientSampleId :

TP-1

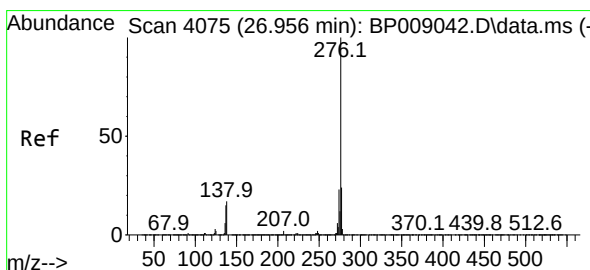
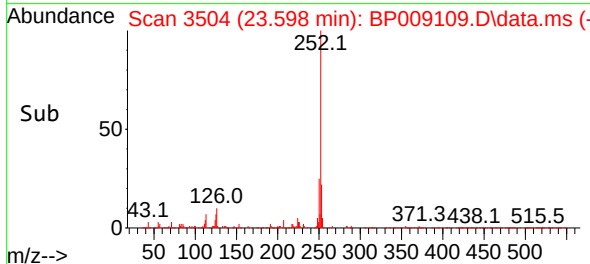
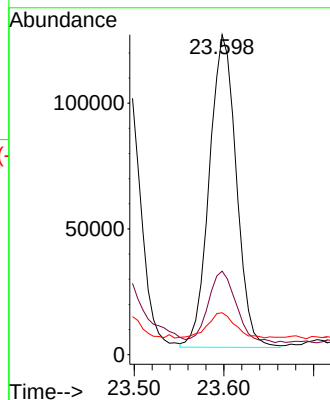
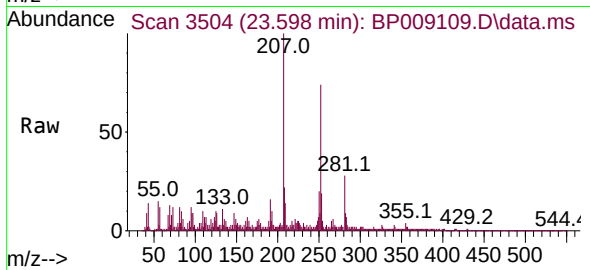
Tgt Ion:252 Resp: 259208

Ion Ratio Lower Upper

252 100

253 26.1 17.8 26.8

125 13.1 7.8 11.6#



#92

Benzo(g,h,i)perylene

Concen: 2.879 ng

RT: 26.980 min Scan# 4079

Delta R.T. 0.024 min

Lab File: BP009109.D

Acq: 10 Feb 2022 20:37

Tgt Ion:276 Resp: 239632

Ion Ratio Lower Upper

276 100

277 28.6 19.2 28.8

138 15.6 15.0 22.4

