

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
 Data File : BP009207.D
 Acq On : 17 Feb 2022 21:47
 Operator : CG/JU
 Sample : N1561-05 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2-COMP

Quant Time: Feb 18 01:56:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

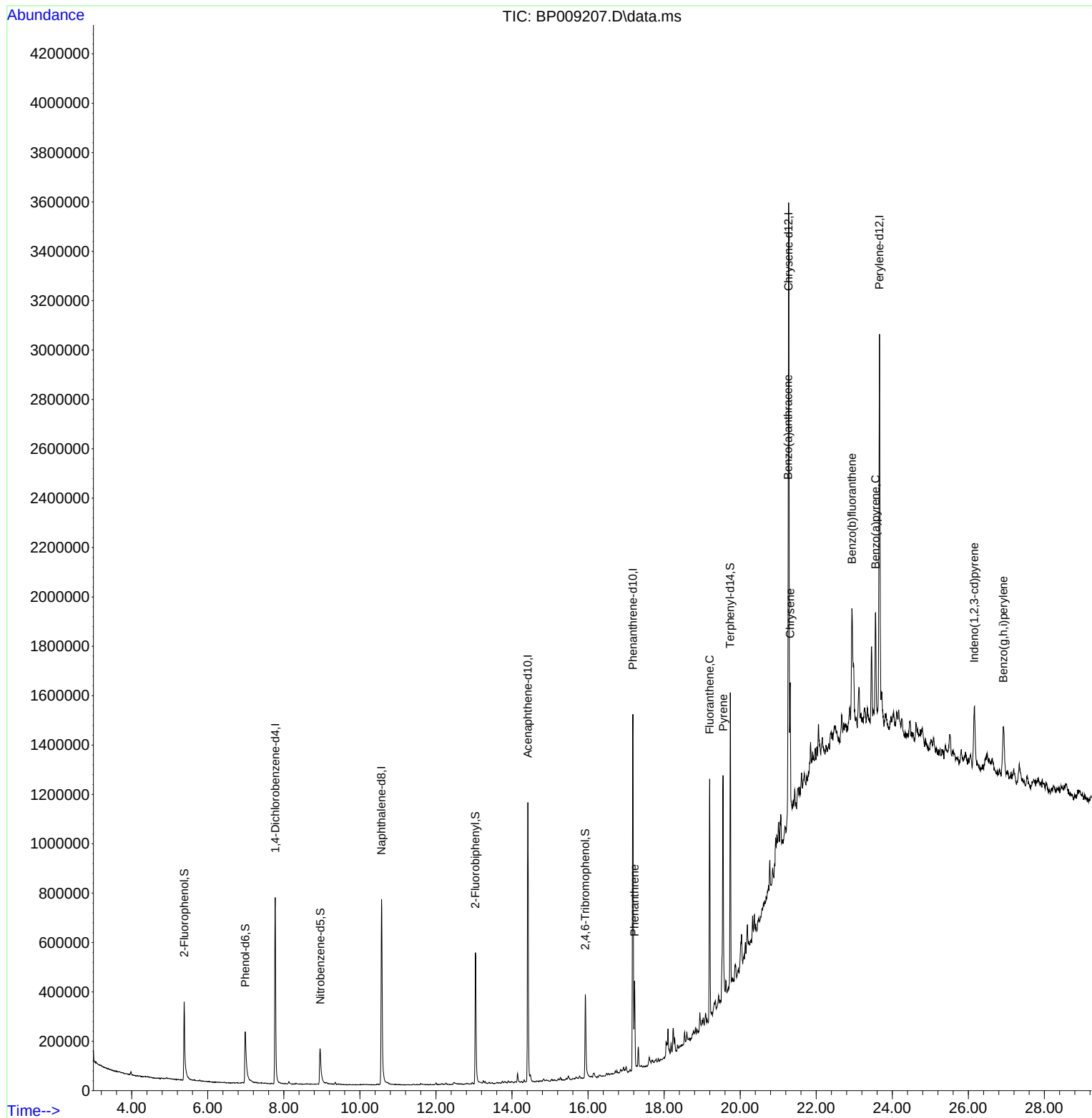
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	251285	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	805074	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	457558	20.000	ng	-0.01
64) Phenanthrene-d10	17.181	188	1010019	20.000	ng	0.00
76) Chrysene-d12	21.274	240	1171640	20.000	ng	-0.01
86) Perylene-d12	23.663	264	1258978	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	226501	16.079	ng	0.00
7) Phenol-d6	6.987	99	249178	13.424	ng	0.01
23) Nitrobenzene-d5	8.957	82	154061	10.792	ng	0.01
42) 2,4,6-Tribromophenol	15.928	330	94245	15.427	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	361794	11.069	ng	-0.01
79) Terphenyl-d14	19.739	244	592928	9.101	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.222	178	252963	4.625	ng	99
75) Fluoranthene	19.198	202	629504	10.270	ng	97
78) Pyrene	19.551	202	616987	7.403	ng	97
81) Benzo(a)anthracene	21.263	228	372403	4.932	ng	98
83) Chrysene	21.316	228	325242	4.468	ng	97
87) Indeno(1,2,3-cd)pyrene	26.157	276	271462	2.902	ng	# 94
88) Benzo(b)fluoranthene	22.939	252	502864	6.488	ng	# 95
90) Benzo(a)pyrene	23.557	252	359716	5.567	ng	96
92) Benzo(g,h,i)perylene	26.921	276	314127	4.104	ng	97

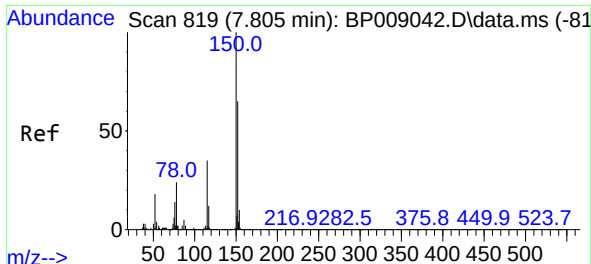
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
Data File : BP009207.D
Acq On : 17 Feb 2022 21:47
Operator : CG/JU
Sample : N1561-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

Quant Time: Feb 18 01:56:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

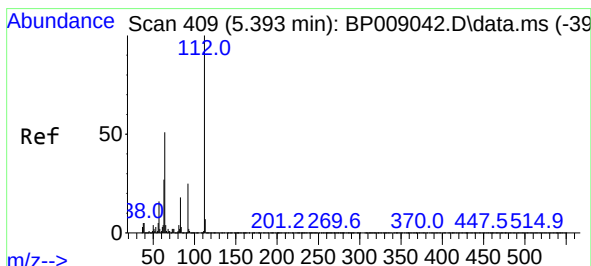
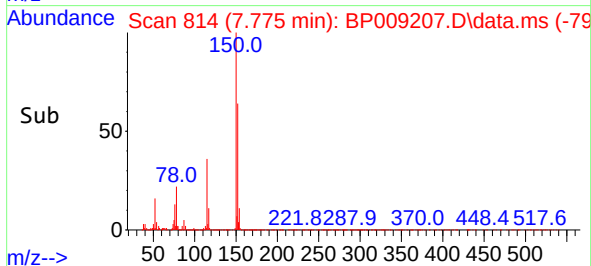
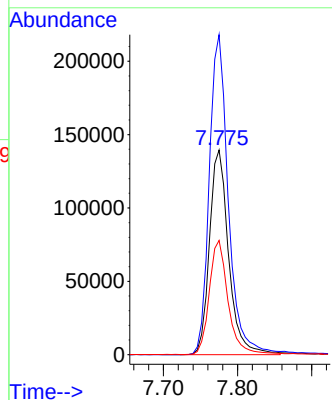
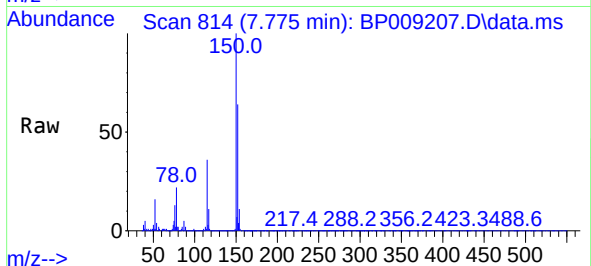




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

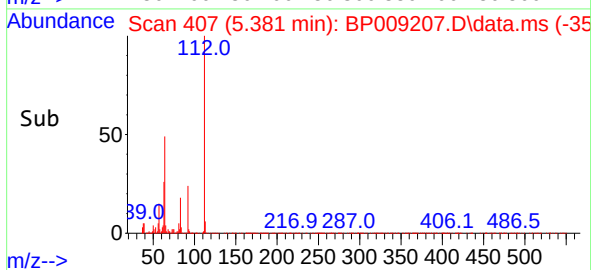
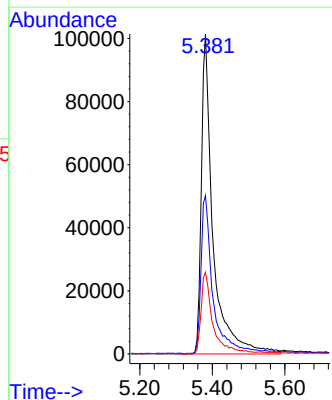
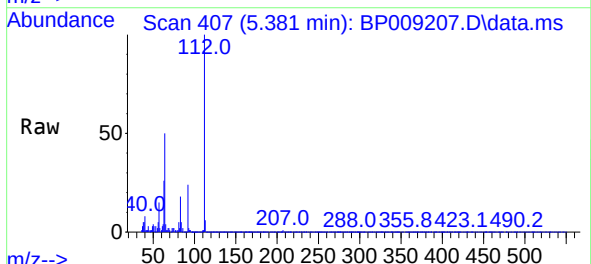
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

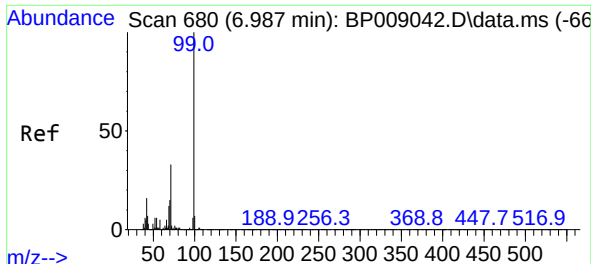
Tgt Ion:152 Resp: 251285
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 55.9 43.7 65.5



#5
2-Fluorophenol
Concen: 16.079 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.000 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:112 Resp: 226501
Ion Ratio Lower Upper
112 100
64 49.5 39.7 59.5
63 25.6 20.0 30.0

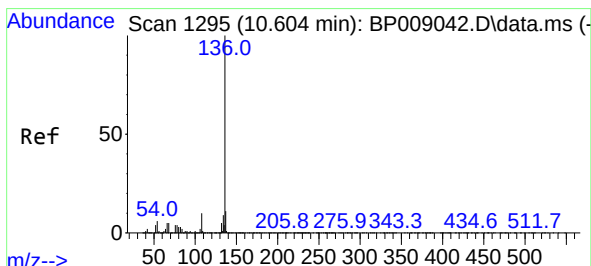
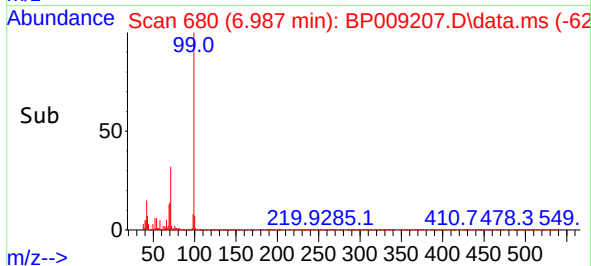
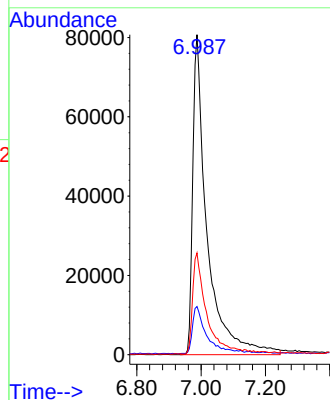
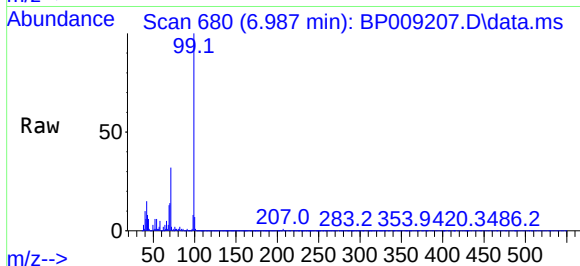




#7
Phenol-d6
Concen: 13.424 ng
RT: 6.987 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

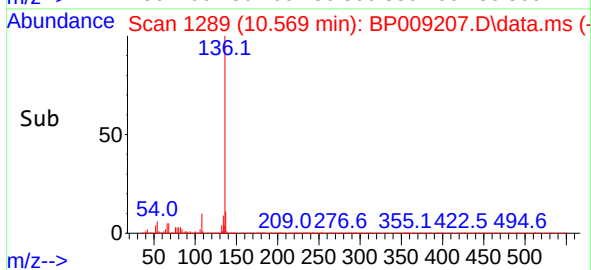
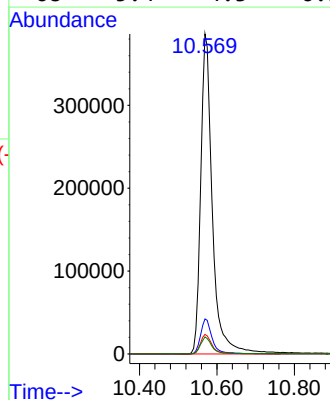
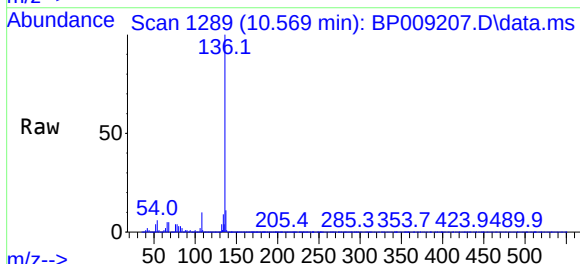
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

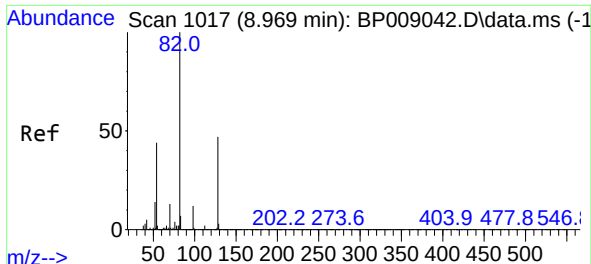
Tgt Ion: 99 Resp: 249178
Ion Ratio Lower Upper
99 100
42 15.0 10.8 16.2
71 31.8 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion: 136 Resp: 805074
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.1 4.9 7.3
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 10.792 ng

RT: 8.957 min Scan# 1015

Delta R.T. 0.012 min

Lab File: BP009207.D

Acq: 17 Feb 2022 21:47

Instrument :

BNA_P

ClientSampleId :

TP-2-COMP

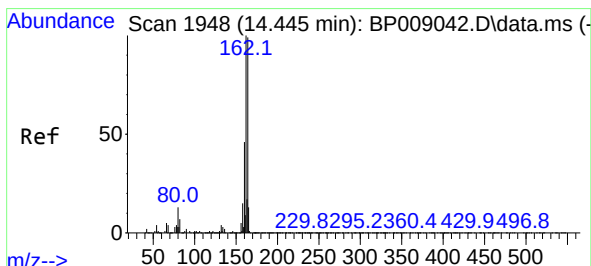
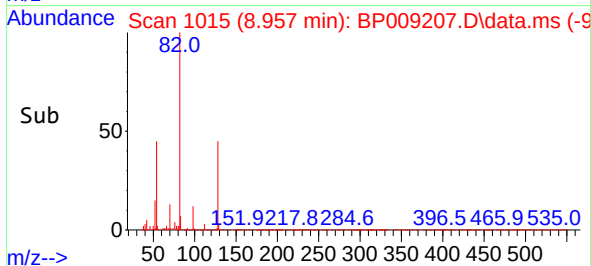
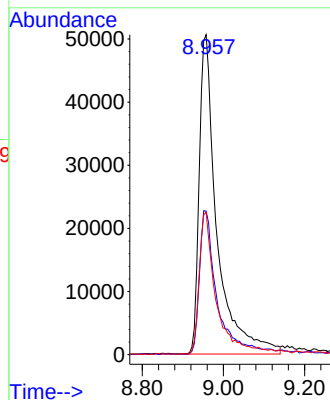
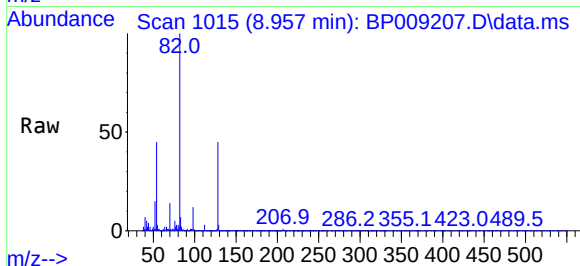
Tgt Ion: 82 Resp: 154061

Ion Ratio Lower Upper

82 100

128 44.9 39.4 59.2

54 44.6 32.6 48.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. -0.012 min

Lab File: BP009207.D

Acq: 17 Feb 2022 21:47

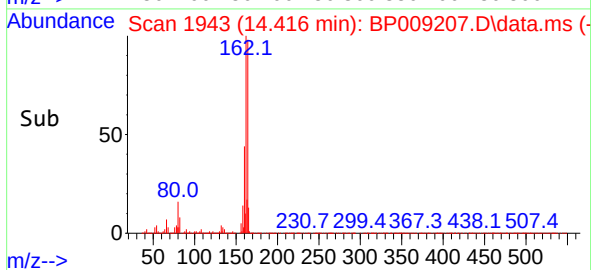
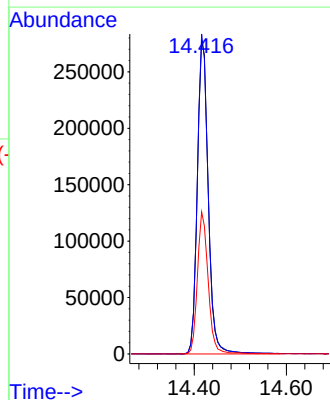
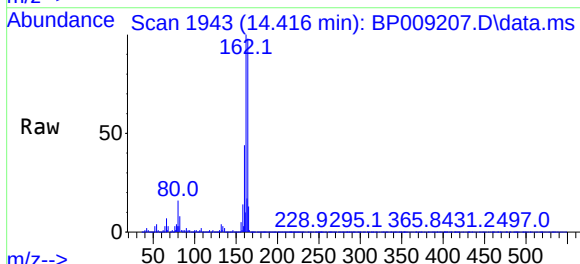
Tgt Ion: 164 Resp: 457558

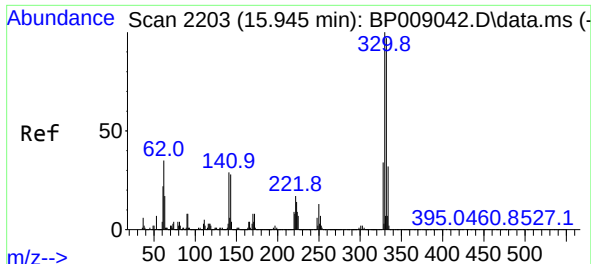
Ion Ratio Lower Upper

164 100

162 102.2 79.9 119.9

160 45.4 35.5 53.3

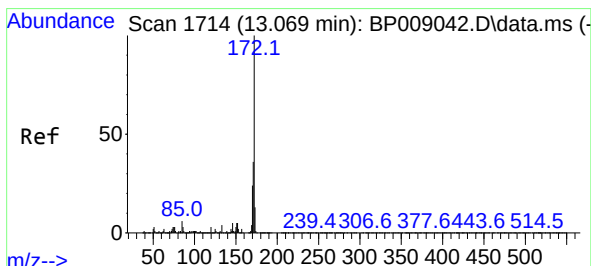
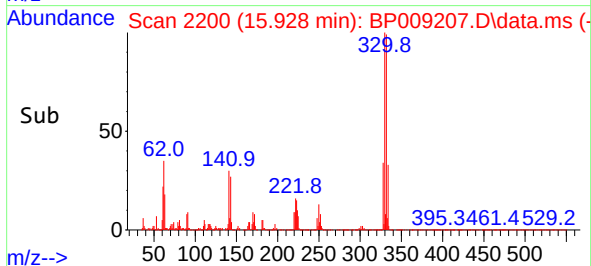
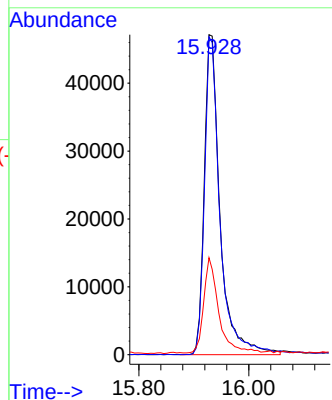
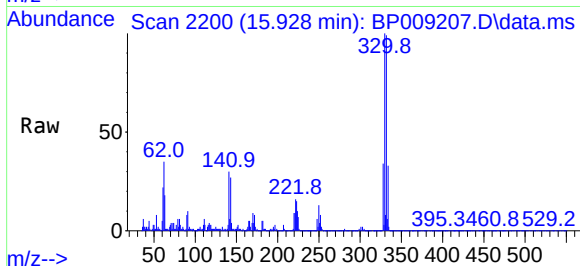




#42
2,4,6-Tribromophenol
Concen: 15.427 ng
RT: 15.928 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

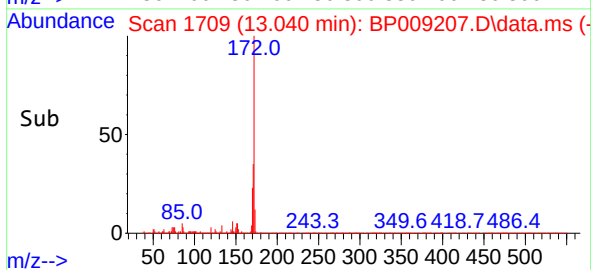
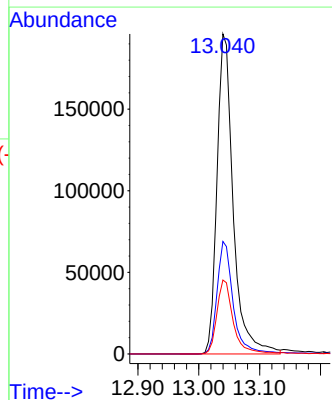
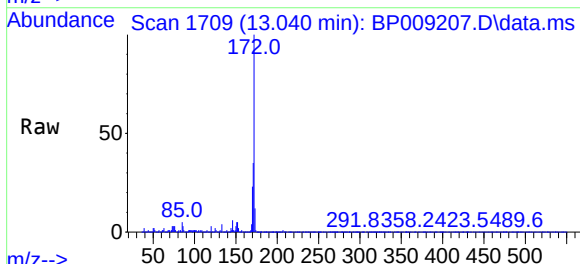
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

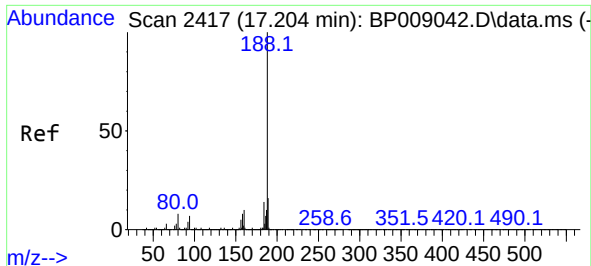
Tgt Ion:330 Resp: 94245
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 28.0 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 11.069 ng
RT: 13.040 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:172 Resp: 361794
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 23.1 19.5 29.3

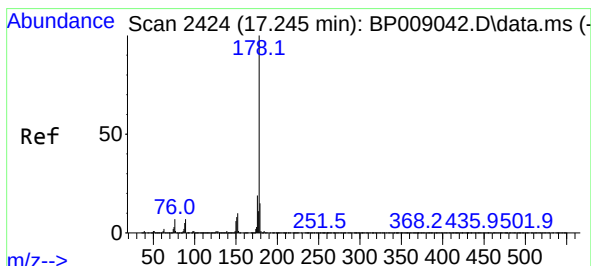
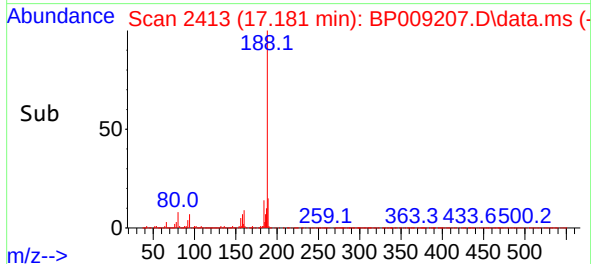
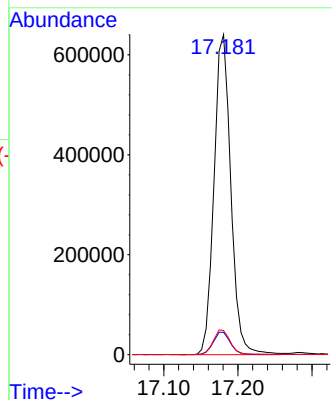
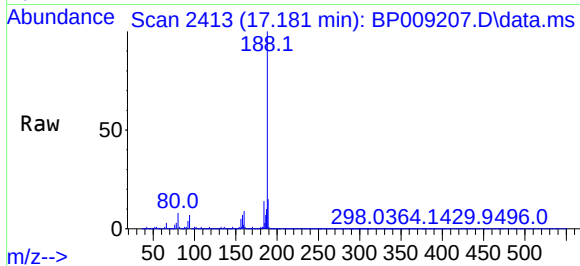




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

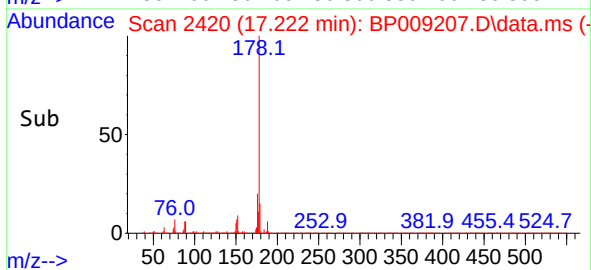
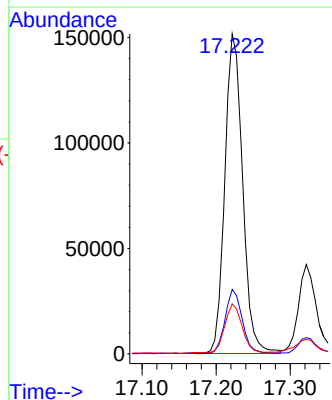
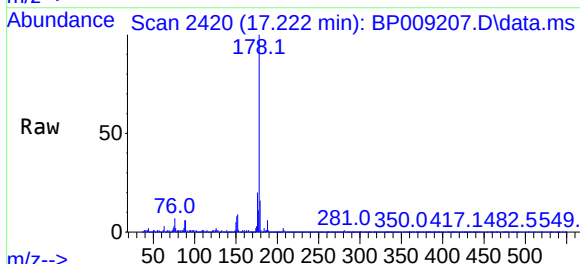
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

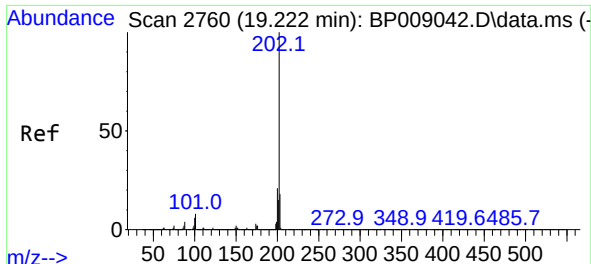
Tgt Ion:188 Resp: 1010019
Ion Ratio Lower Upper
188 100
94 7.0 6.8 10.2
80 7.6 7.2 10.8



#71
Phenanthrene
Concen: 4.625 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:178 Resp: 252963
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.6 13.0 19.4

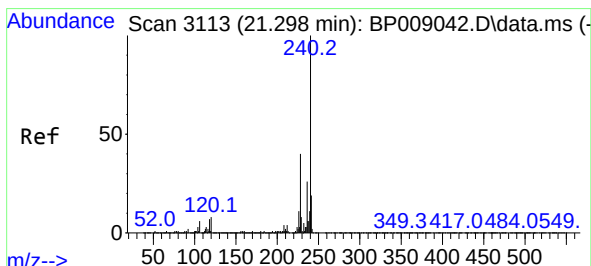
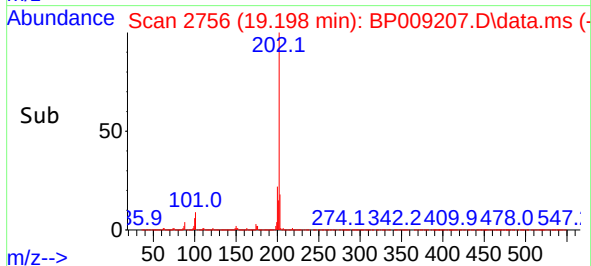
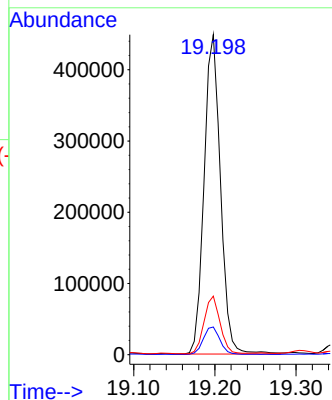
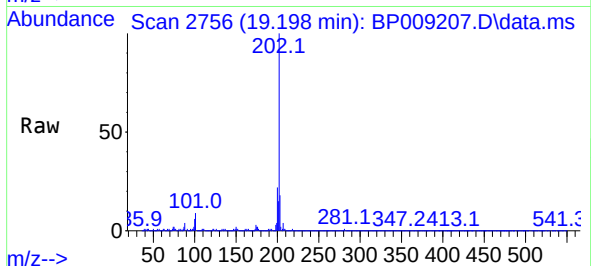




#75
Fluoranthene
Concen: 10.270 ng
RT: 19.198 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

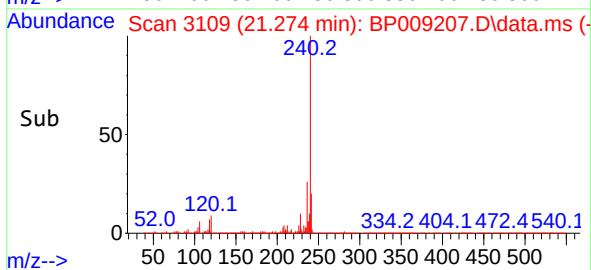
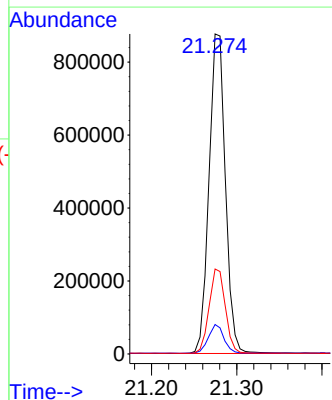
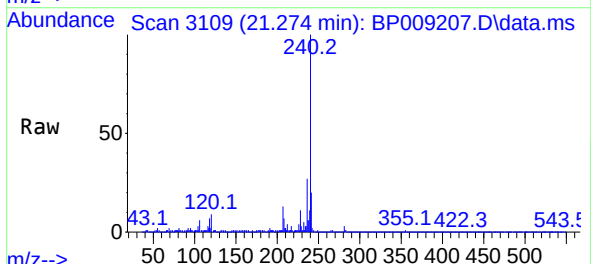
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

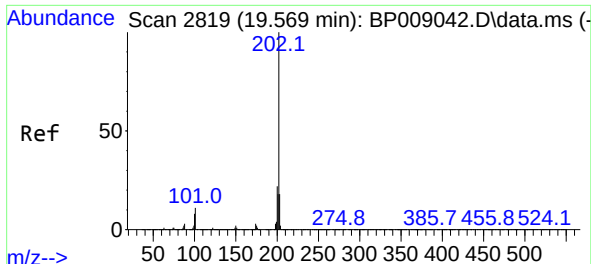
Tgt Ion:202 Resp: 629504
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.7
203 18.3 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3109
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:240 Resp: 1171640
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 26.6 21.2 31.8

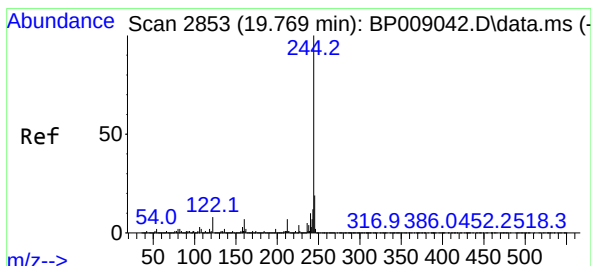
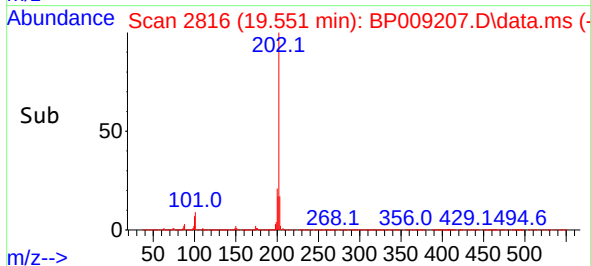
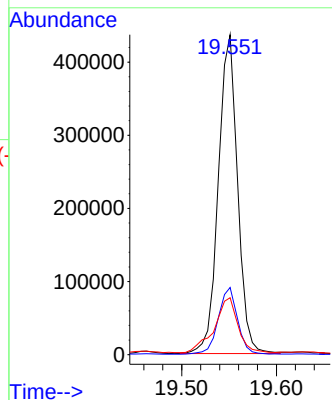
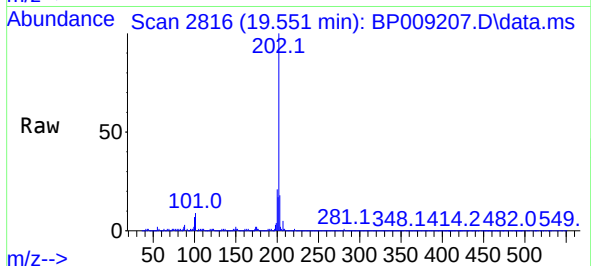




#78
Pyrene
Concen: 7.403 ng
RT: 19.551 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

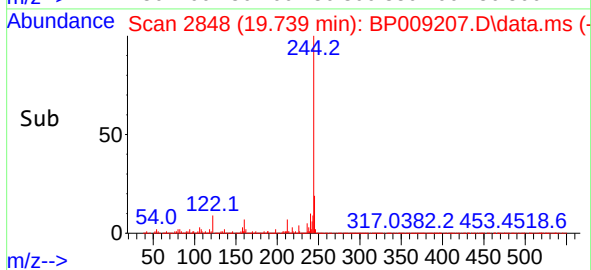
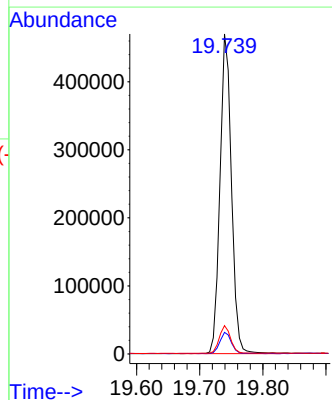
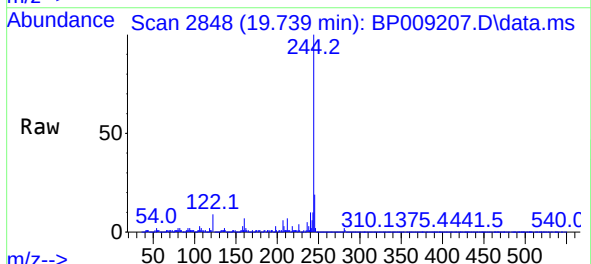
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

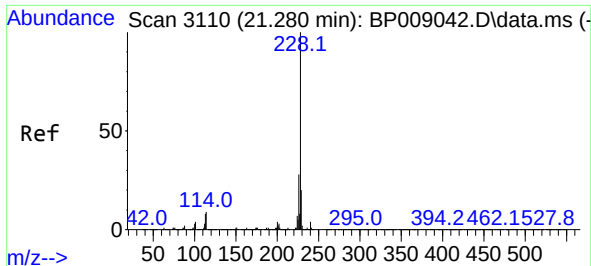
Tgt Ion:202 Resp: 616987
Ion Ratio Lower Upper
202 100
200 21.0 18.0 27.0
203 17.8 15.0 22.6



#79
Terphenyl-d14
Concen: 9.101 ng
RT: 19.739 min Scan# 2848
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:244 Resp: 592928
Ion Ratio Lower Upper
244 100
212 6.7 6.5 9.7
122 8.9 9.2 13.8

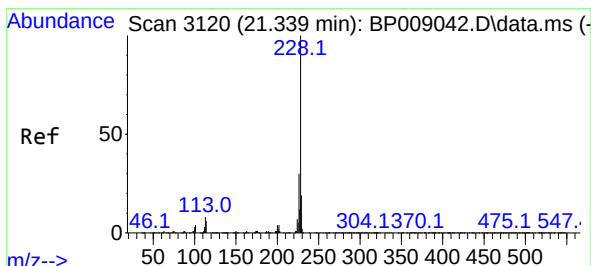
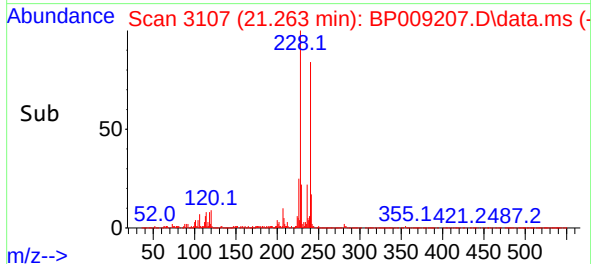
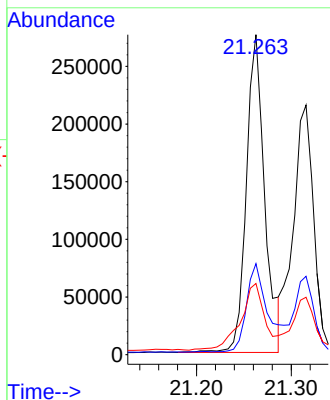
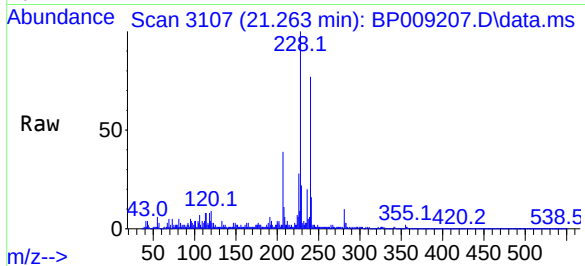




#81
Benzo(a)anthracene
Concen: 4.932 ng
RT: 21.263 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

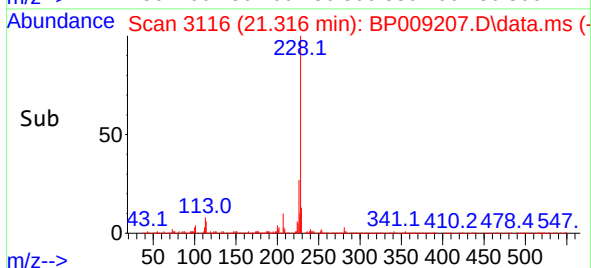
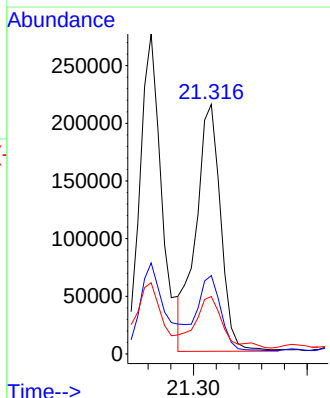
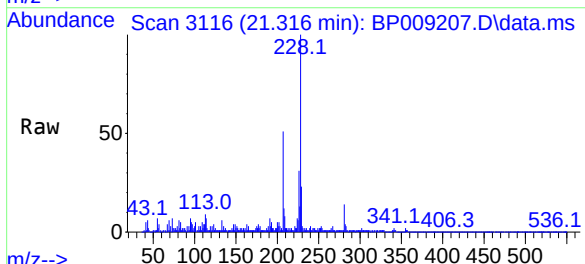
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

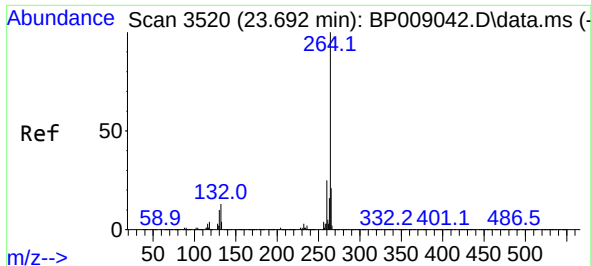
Tgt Ion:228 Resp: 372403
Ion Ratio Lower Upper
228 100
226 28.5 23.3 34.9
229 22.2 17.0 25.6



#83
Chrysene
Concen: 4.468 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:228 Resp: 325242
Ion Ratio Lower Upper
228 100
226 31.4 26.0 39.0
229 23.0 16.9 25.3



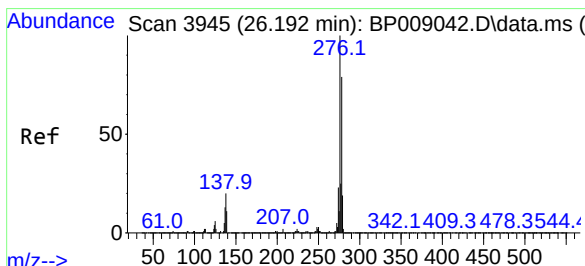
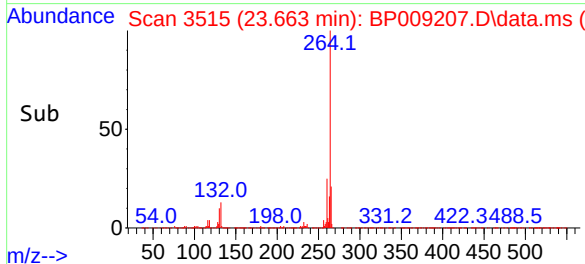
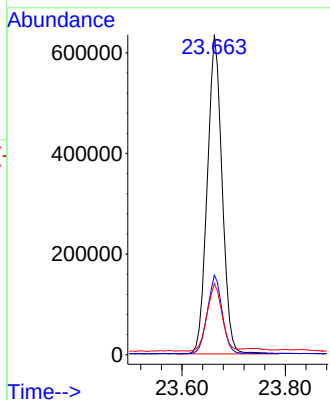
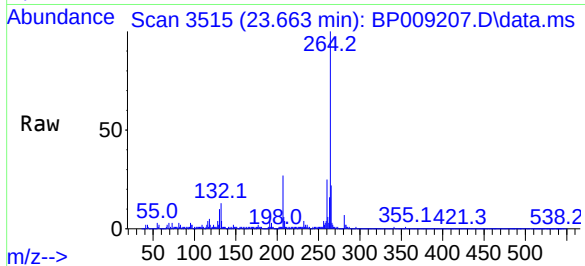


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.663 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

Tgt Ion:264 Resp: 1258978

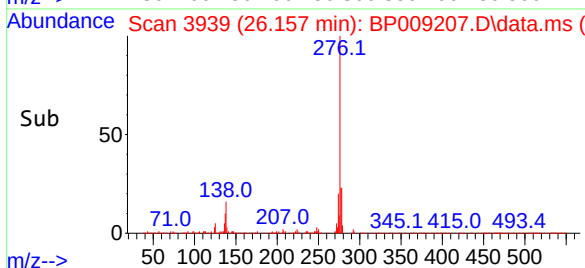
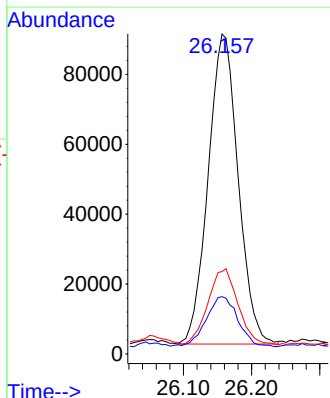
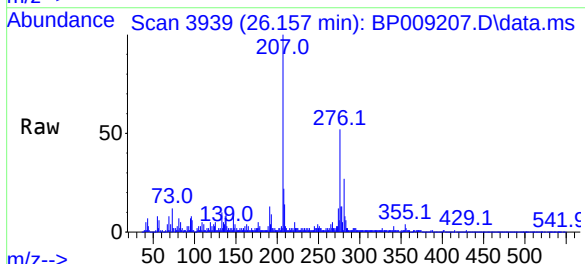
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.1	28.7
265	22.2	17.1	25.7

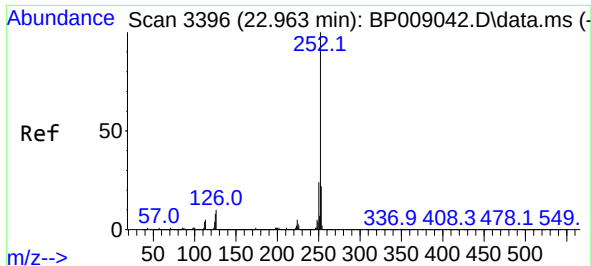


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.902 ng
RT: 26.157 min Scan# 3939
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

Tgt Ion:276 Resp: 271462

Ion	Ratio	Lower	Upper
276	100		
138	16.9	17.8	26.6
277	24.6	20.4	30.6

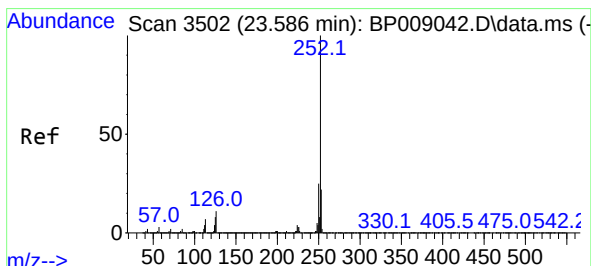
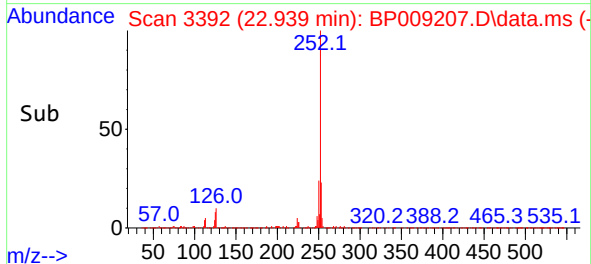
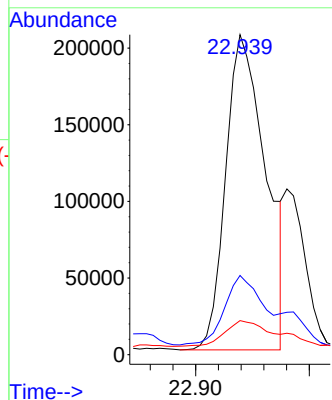
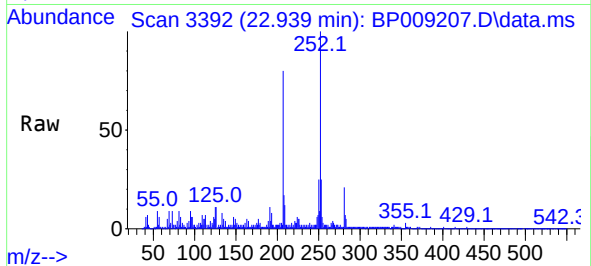




#88
Benzo(b)fluoranthene
Concen: 6.488 ng
RT: 22.939 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

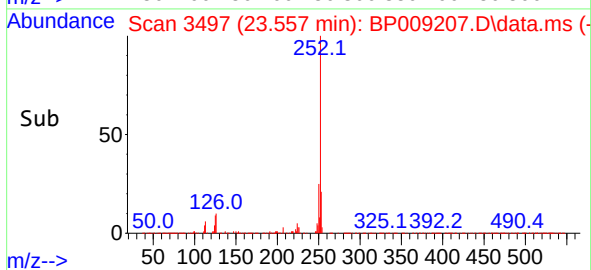
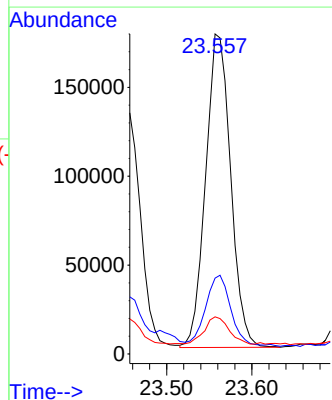
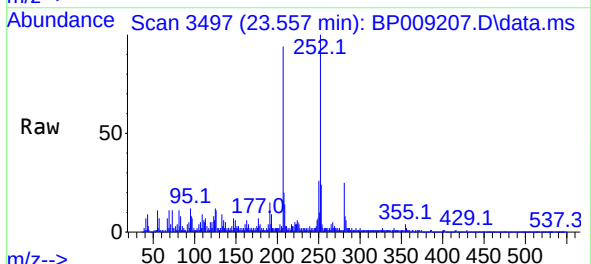
Instrument :
BNA_P
ClientSampleId :
TP-2-COMP

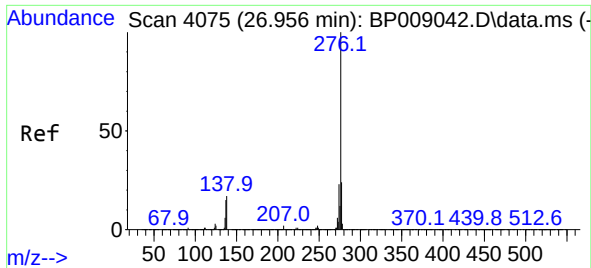
Tgt Ion:252 Resp: 502864
Ion Ratio Lower Upper
252 100
253 24.7 18.0 27.0
125 10.6 6.9 10.3#



#90
Benzo(a)pyrene
Concen: 5.567 ng
RT: 23.557 min Scan# 3497
Delta R.T. -0.012 min
Lab File: BP009207.D
Acq: 17 Feb 2022 21:47

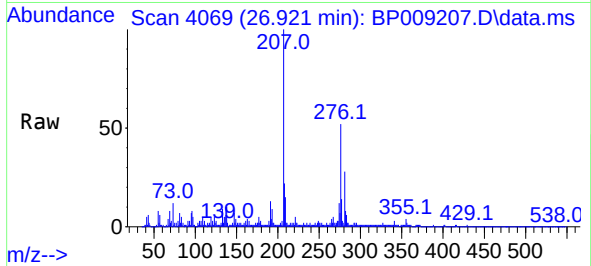
Tgt Ion:252 Resp: 359716
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 11.6 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 4.104 ng
 RT: 26.921 min Scan# 4069
 Delta R.T. -0.012 min
 Lab File: BP009207.D
 Acq: 17 Feb 2022 21:47

Instrument :
 BNA_P
 ClientSampleId :
 TP-2-COMP



Tgt Ion:276 Resp: 314127
 Ion Ratio Lower Upper
 276 100
 277 26.2 19.2 28.8
 138 18.9 15.0 22.4

