

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008359.D
 Acq On : 11 Dec 2021 01:37
 Operator : CG/JU
 Sample : M4990-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 R3-COMP

Quant Time: Dec 11 04:03:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

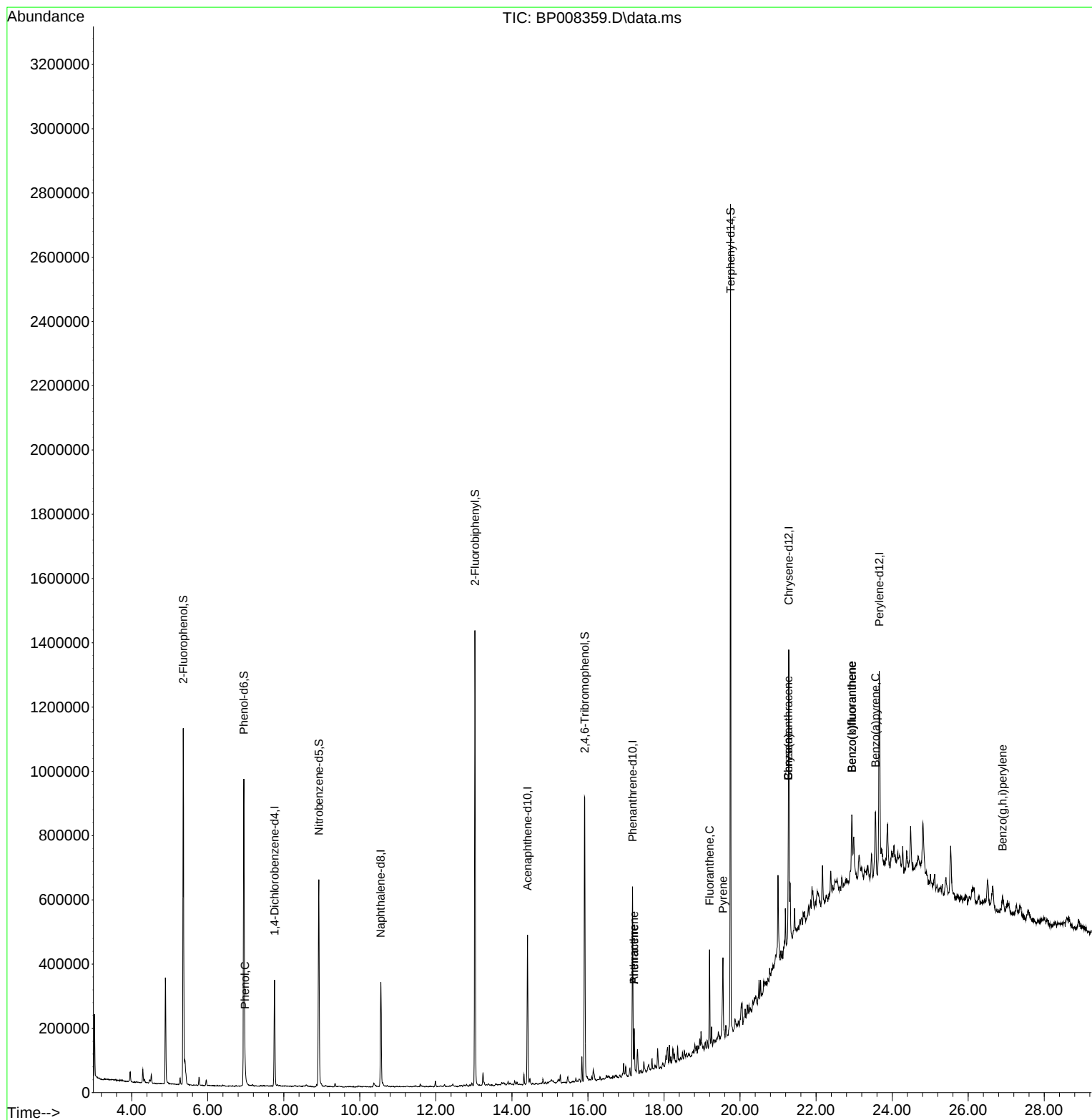
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	84143	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	258871	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	155787	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	334474	20.000	ng	0.00
76) Chrysene-d12	21.280	240	398192	20.000	ng	0.00
86) Perylene-d12	23.662	264	463305	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	447519	85.634	ng	0.00
7) Phenol-d6	6.952	99	539676	76.499	ng	0.00
23) Nitrobenzene-d5	8.922	82	383472	67.361	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	170683	85.718	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	694676	64.771	ng	0.00
79) Terphenyl-d14	19.751	244	1146269	60.162	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.916	77	343	Below Cal	#	64
10) Phenol	6.981	94	15942	2.199 ng	#	80
71) Phenanthrene	17.216	178	83957	4.754 ng		98
72) Anthracene	17.216	178	83957	4.791 ng		98
75) Fluoranthene	19.198	202	149959	6.304 ng		99
78) Pyrene	19.551	202	142397	3.279 ng		99
81) Benzo(a)anthracene	21.268	228	90949	3.446 ng		96
83) Chrysene	21.268	228	90949	3.622 ng		95
88) Benzo(b)fluoranthene	22.945	252	123970	4.439 ng	#	88
89) Benzo(k)fluoranthene	22.945	252	123970	4.534 ng	#	87
90) Benzo(a)pyrene	23.562	252	89760	3.760 ng	#	91
92) Benzo(g,h,i)perylene	26.903	276	57805	2.047 ng		94

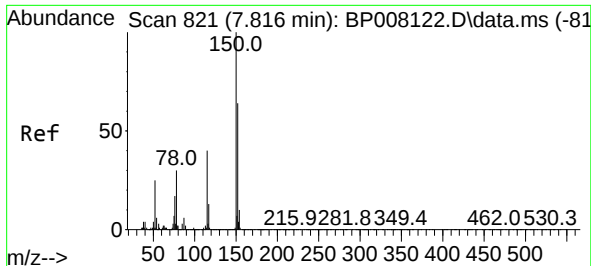
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008359.D
Acq On : 11 Dec 2021 01:37
Operator : CG/JU
Sample : M4990-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
R3-COMP

Quant Time: Dec 11 04:03:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration

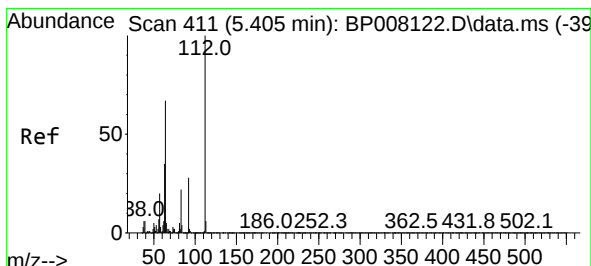
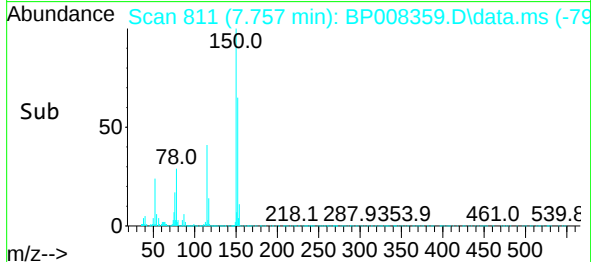
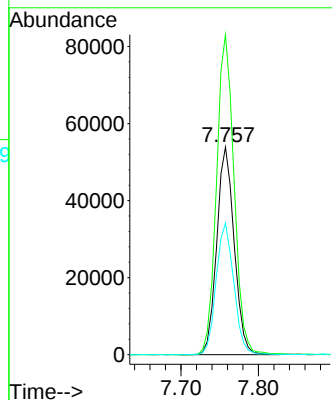
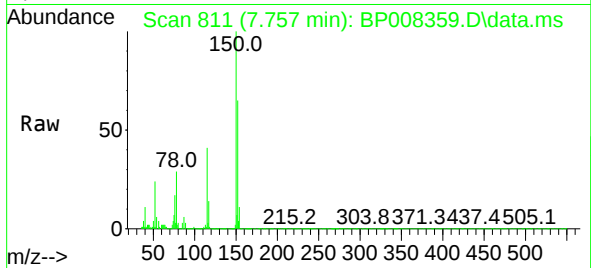




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

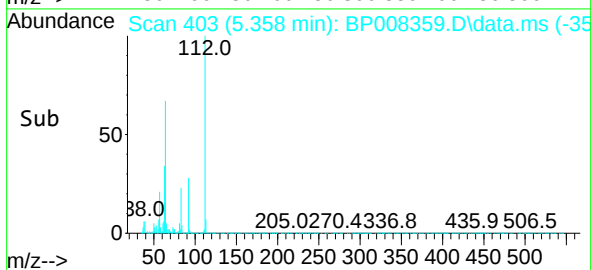
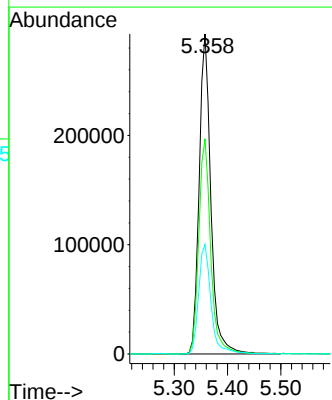
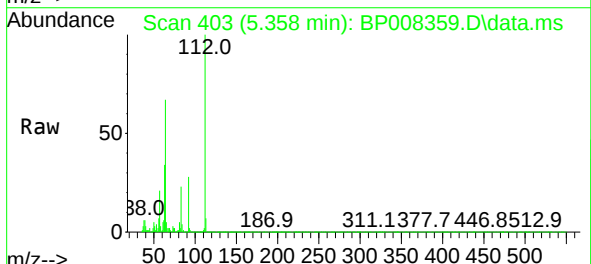
Instrument :
BNA_P
ClientSampleId :
R3-COMP

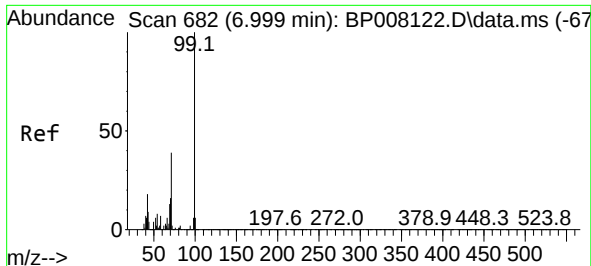
Tgt Ion:152 Resp: 84143
Ion Ratio Lower Upper
152 100
150 154.1 125.7 188.5
115 63.4 50.7 76.1



#5
2-Fluorophenol
Concen: 85.634 ng
RT: 5.358 min Scan# 403
Delta R.T. -0.000 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Tgt Ion:112 Resp: 447519
Ion Ratio Lower Upper
112 100
64 67.3 53.4 80.2
63 34.2 27.8 41.8





#7

Phenol-d6

Concen: 76.499 ng

RT: 6.952 min Scan# 61

Delta R.T. -0.000 min

Lab File: BP008359.D

Acq: 11 Dec 2021 01:37

Instrument :

BNA_P

ClientSampleId :

R3-COMP

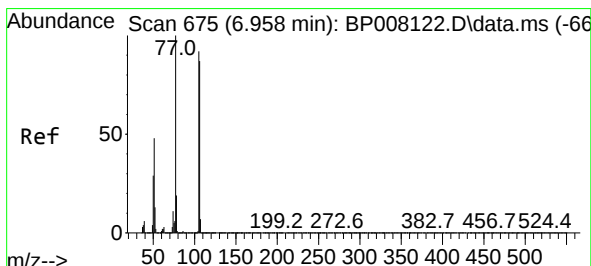
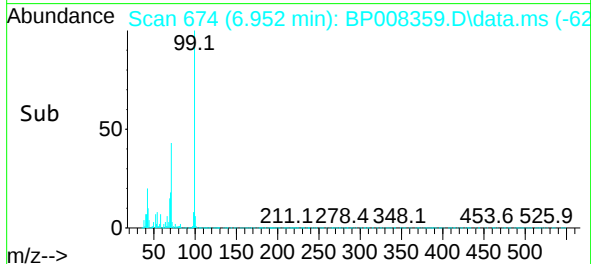
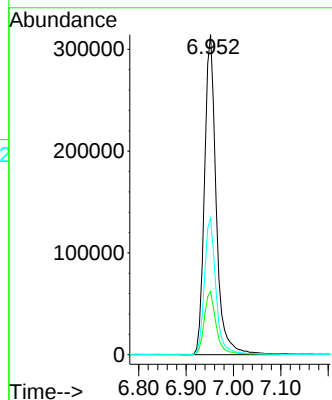
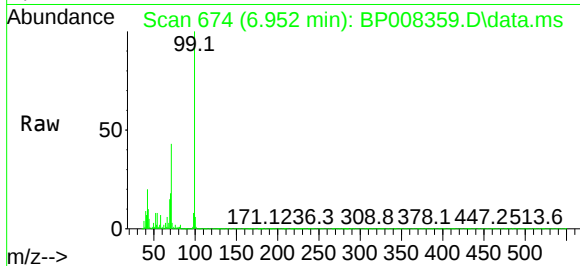
Tgt Ion: 99 Resp: 539676

Ion Ratio Lower Upper

99 100

42 19.8 14.6 22.0

71 42.6 31.1 46.7



#9

Benzaldehyde

Concen: Below Cal

RT: 6.916 min Scan# 668

Delta R.T. 0.006 min

Lab File: BP008359.D

Acq: 11 Dec 2021 01:37

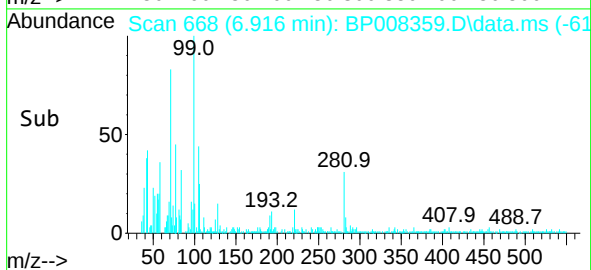
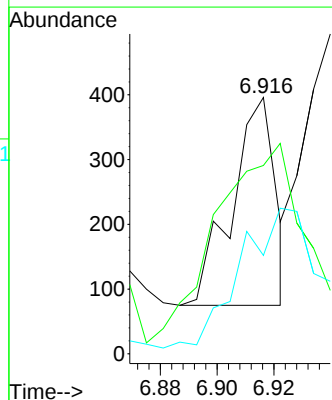
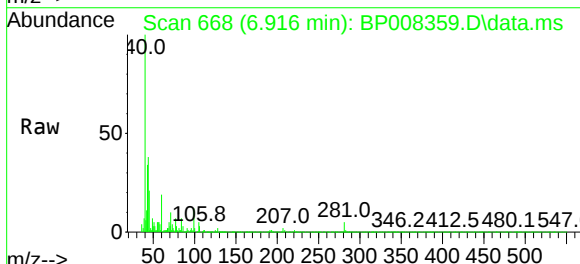
Tgt Ion: 77 Resp: 343

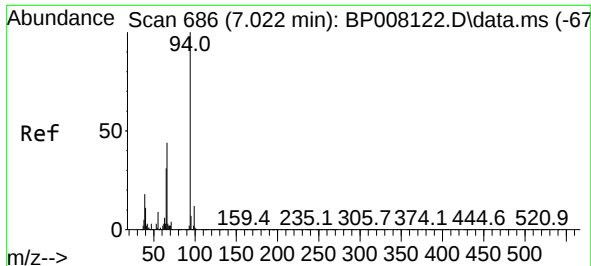
Ion Ratio Lower Upper

77 100

105 73.5 71.8 111.8

106 38.4 67.3 107.3

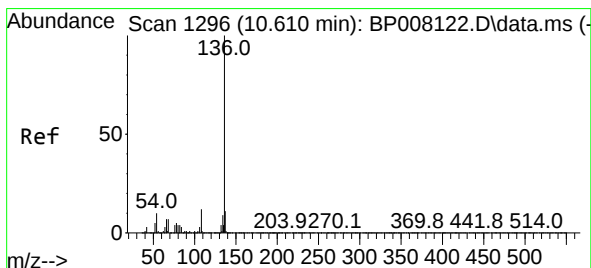
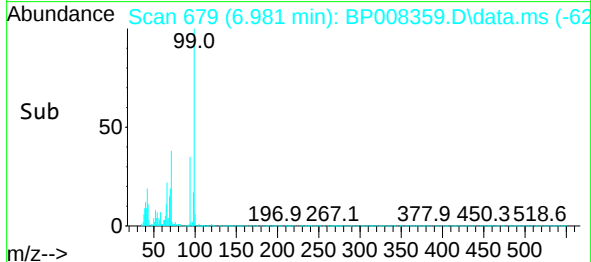
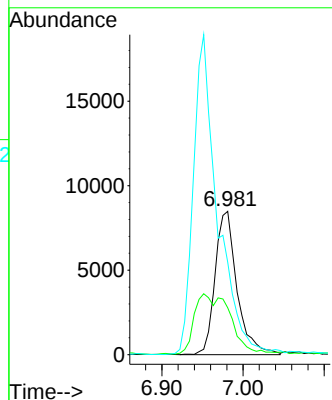
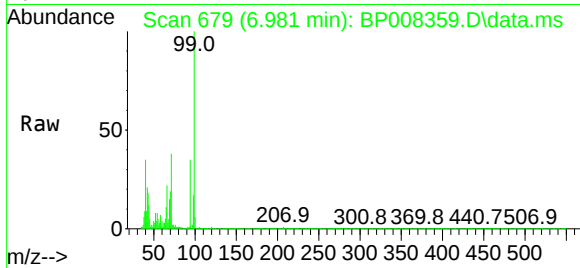




#10
Phenol
Concen: 2.199 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

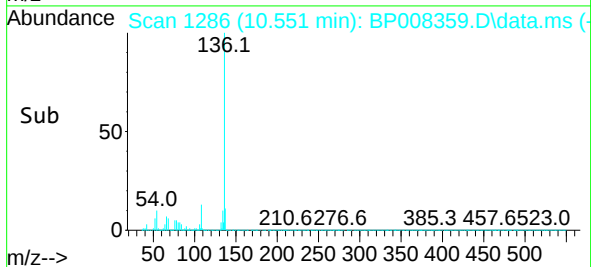
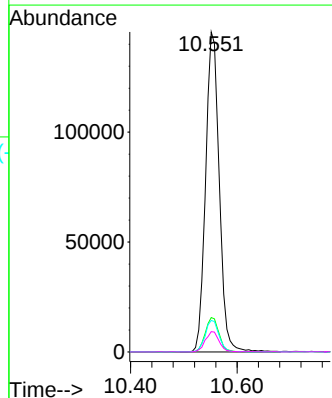
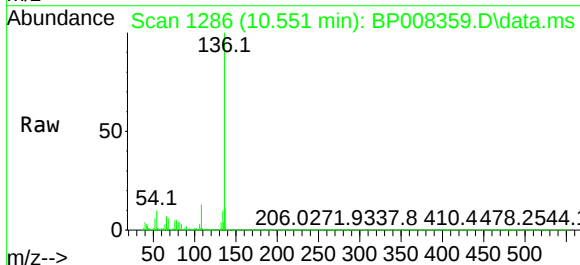
Instrument :
BNA_P
ClientSampleId :
R3-COMP

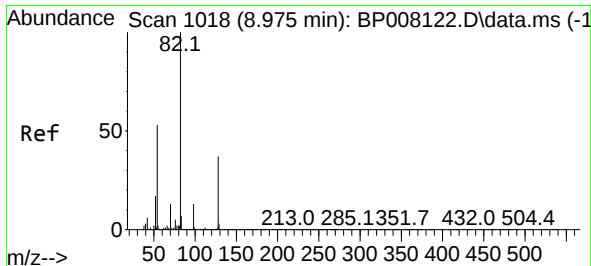
Tgt Ion: 94 Resp: 15942
Ion Ratio Lower Upper
94 100
65 32.7 10.9 50.9
66 64.5 24.3 64.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Tgt Ion:136 Resp: 258871
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.9 8.2 12.4
68 6.3 5.8 8.8

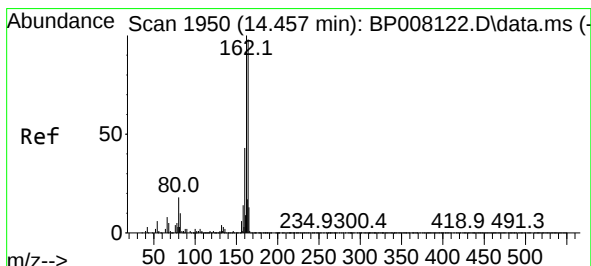
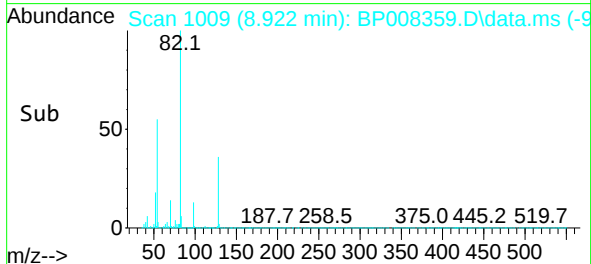
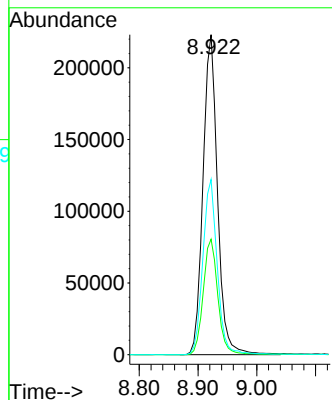
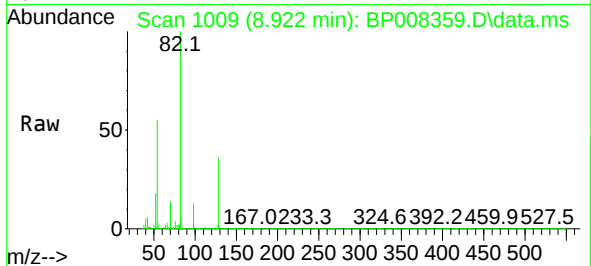




#23
Nitrobenzene-d5
Concen: 67.361 ng
RT: 8.922 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

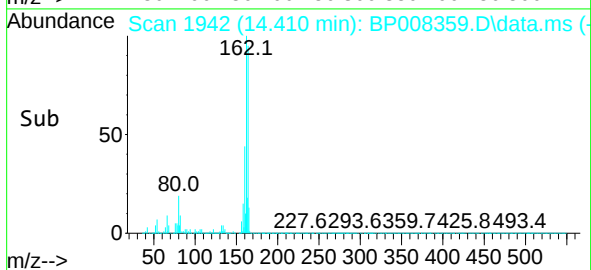
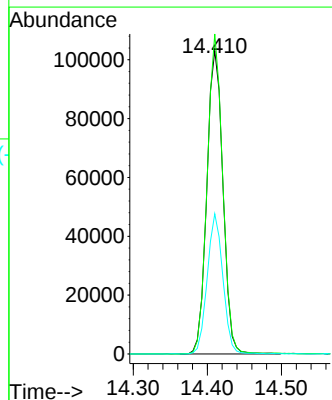
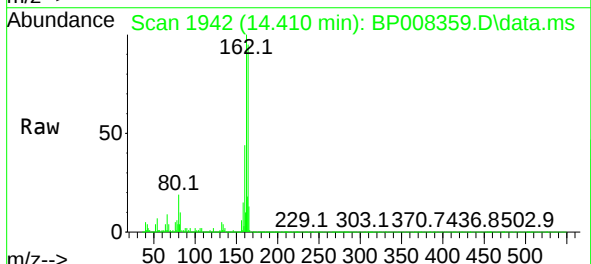
Instrument :
BNA_P
ClientSampleId :
R3-COMP

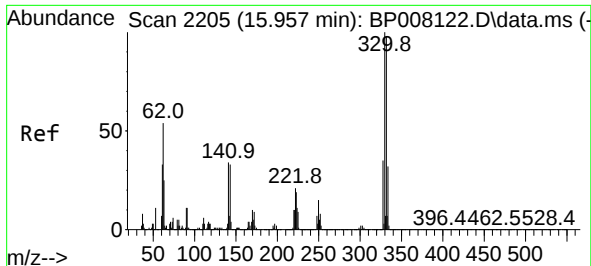
Tgt Ion: 82 Resp: 383472
Ion Ratio Lower Upper
82 100
128 36.1 29.6 44.4
54 54.8 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Tgt Ion: 164 Resp: 155787
Ion Ratio Lower Upper
164 100
162 105.5 81.9 122.9
160 46.2 35.4 53.0

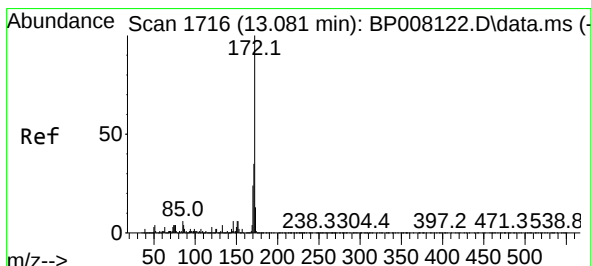
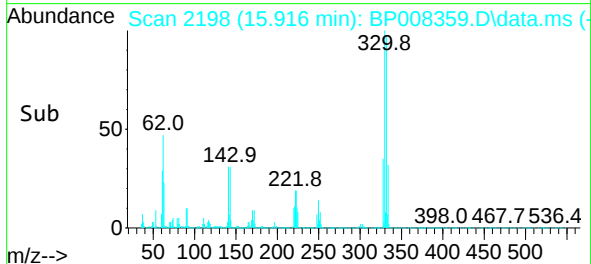
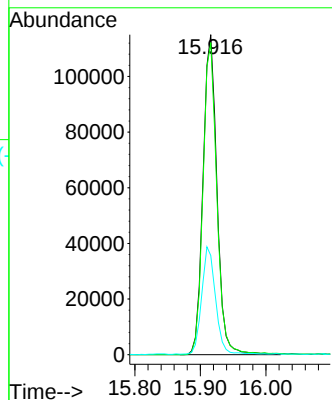
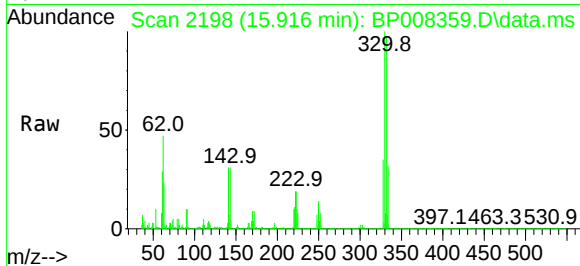




#42
2,4,6-Tribromophenol
Concen: 85.718 ng
RT: 15.916 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

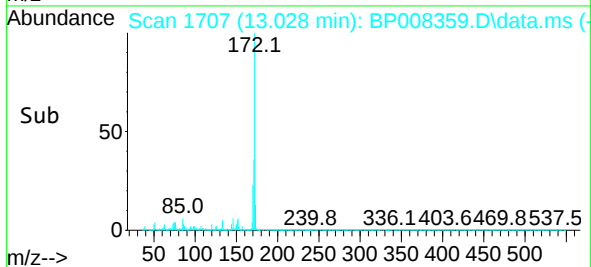
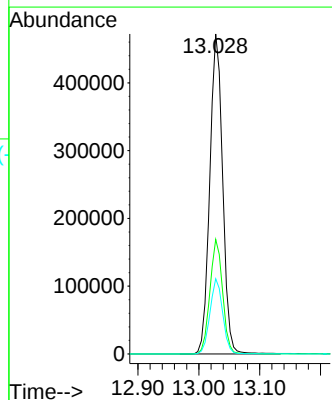
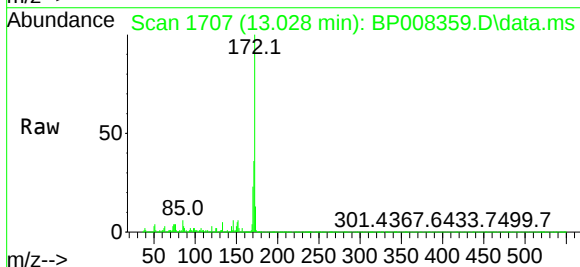
Instrument :
BNA_P
ClientSampleId :
R3-COMP

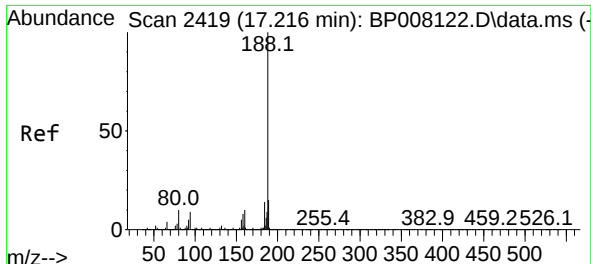
Tgt Ion:330 Resp: 170683
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 33.5 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 64.771 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Tgt Ion:172 Resp: 694676
Ion Ratio Lower Upper
172 100
171 35.8 28.0 42.0
170 23.5 18.9 28.3

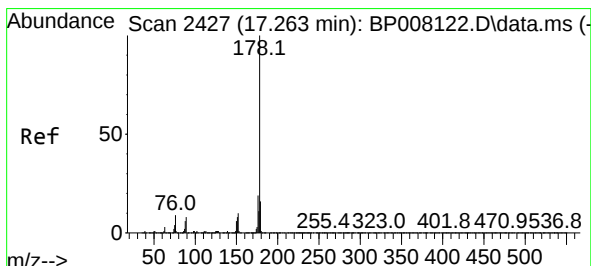
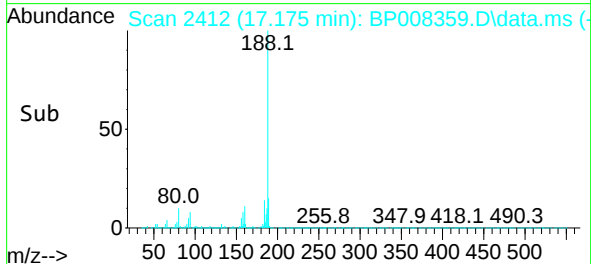
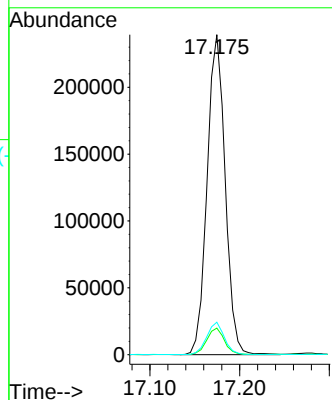
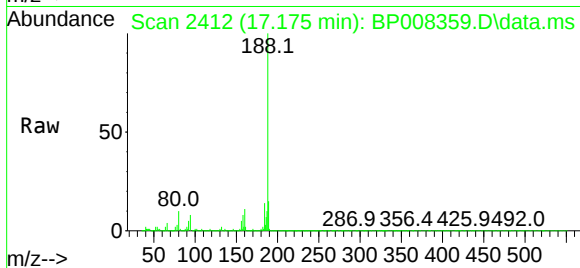




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

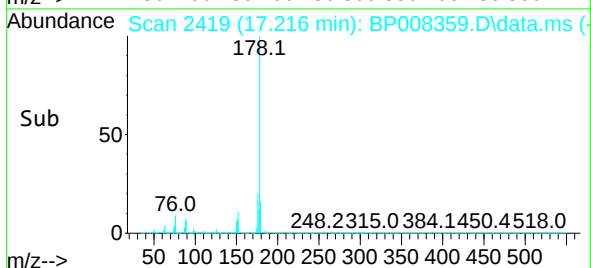
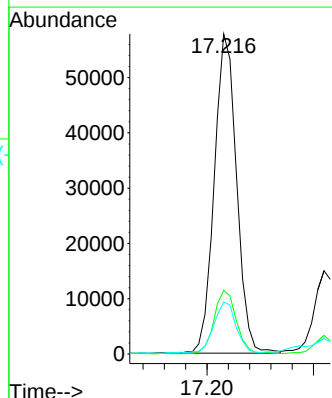
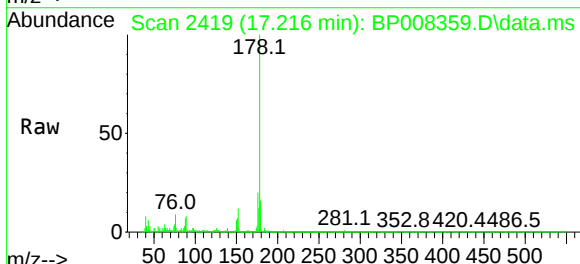
Instrument :
BNA_P
ClientSampleId :
R3-COMP

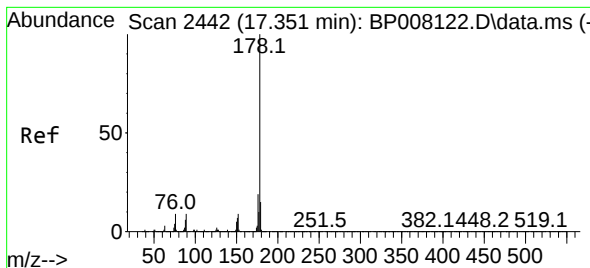
Tgt Ion:188 Resp: 334474
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 10.2 8.2 12.4



#71
Phenanthrene
Concen: 4.754 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Tgt Ion:178 Resp: 83957
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 16.3 12.5 18.7





#72

Anthracene

Concen: 4.791 ng

RT: 17.216 min Scan# 2442

Delta R.T. -0.100 min

Lab File: BP008359.D

Acq: 11 Dec 2021 01:37

Instrument :

BNA_P

ClientSampleId :

R3-COMP

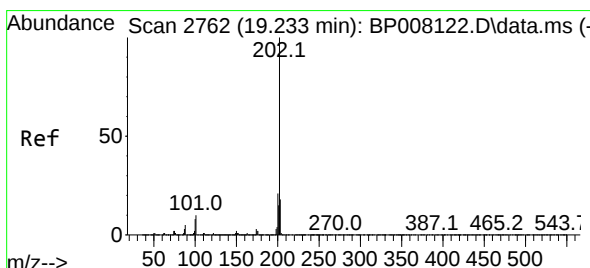
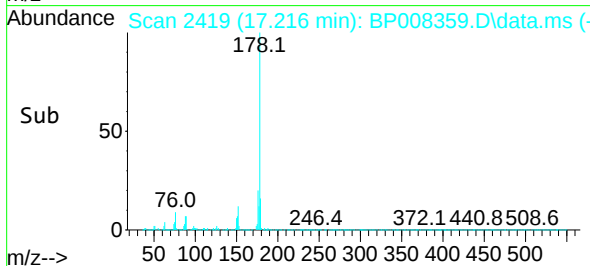
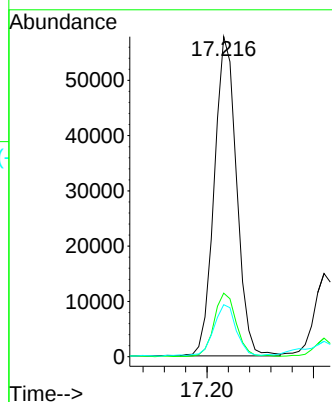
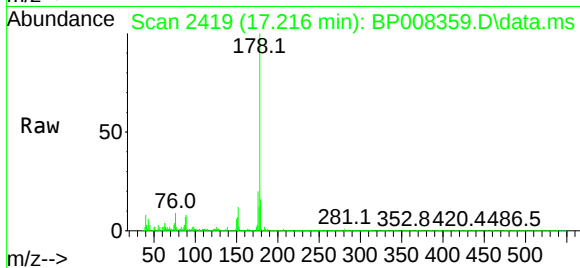
Tgt Ion:178 Resp: 83957

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

179 16.3 12.3 18.5



#75

Fluoranthene

Concen: 6.304 ng

RT: 19.198 min Scan# 2756

Delta R.T. -0.006 min

Lab File: BP008359.D

Acq: 11 Dec 2021 01:37

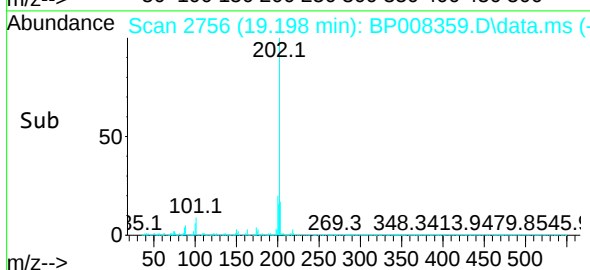
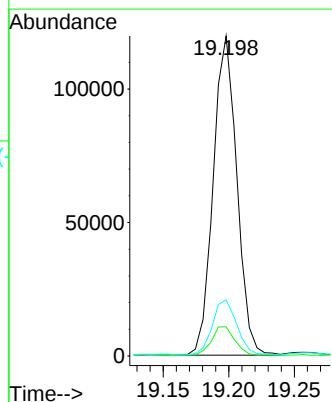
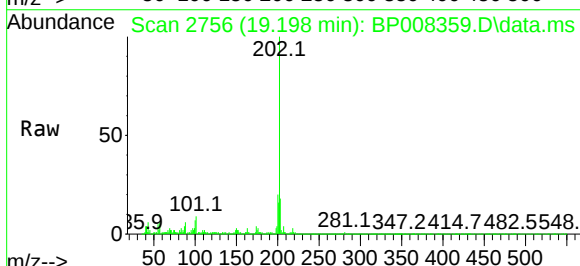
Tgt Ion:202 Resp: 149959

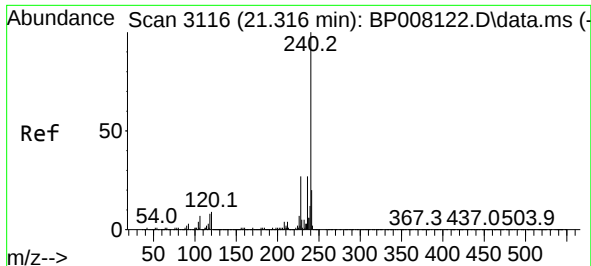
Ion Ratio Lower Upper

202 100

101 9.1 0.0 29.8

203 17.6 0.0 37.7

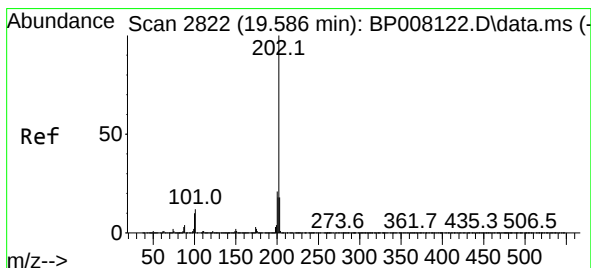
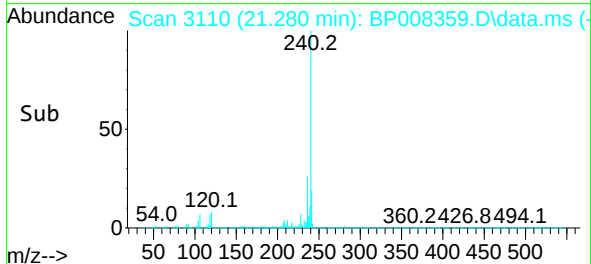
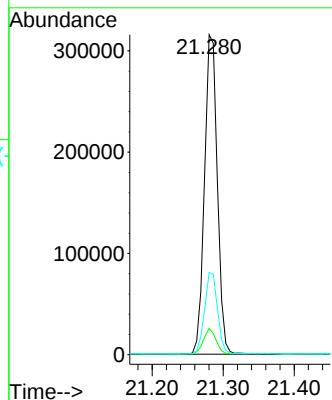
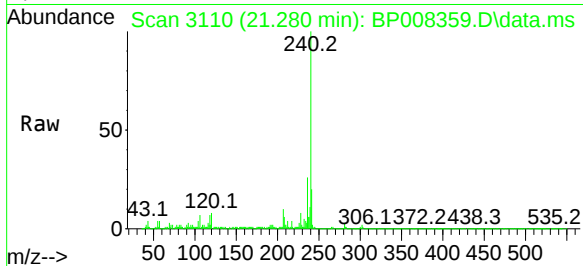




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

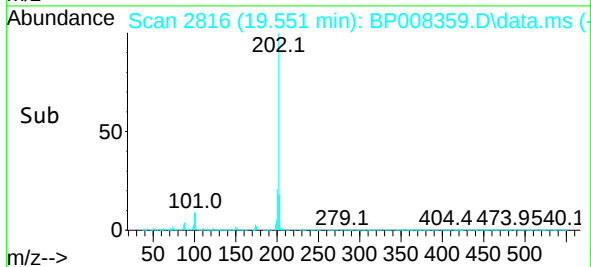
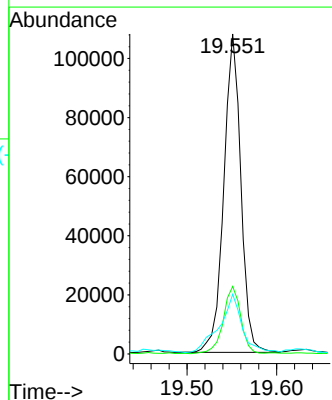
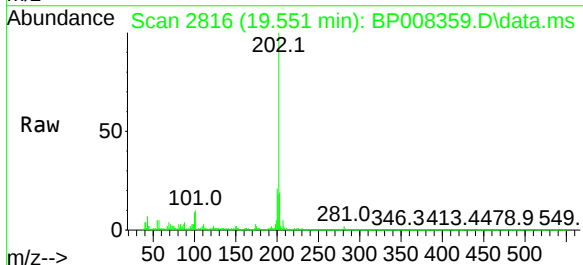
Instrument :
BNA_P
ClientSampleId :
R3-COMP

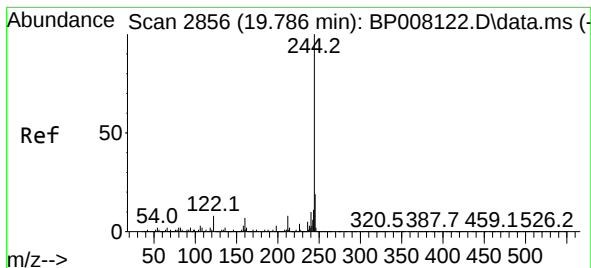
Tgt Ion:240 Resp: 398192
Ion Ratio Lower Upper
240 100
120 8.2 7.3 10.9
236 25.7 21.4 32.2



#78
Pyrene
Concen: 3.279 ng
RT: 19.551 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Tgt Ion:202 Resp: 142397
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 18.7 14.2 21.2





#79

Terphenyl-d14

Concen: 60.162 ng

RT: 19.751 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008359.D

Acq: 11 Dec 2021 01:37

Instrument :

BNA_P

ClientSampleId :

R3-COMP

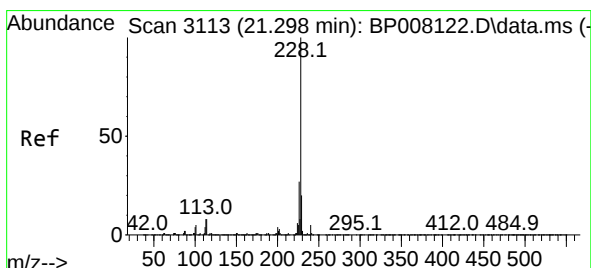
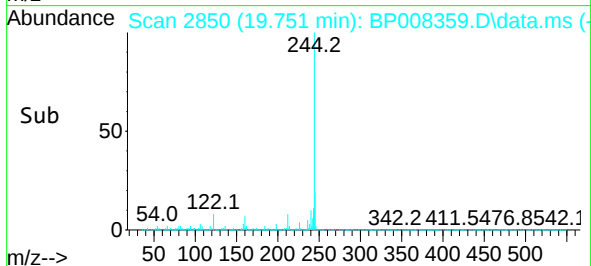
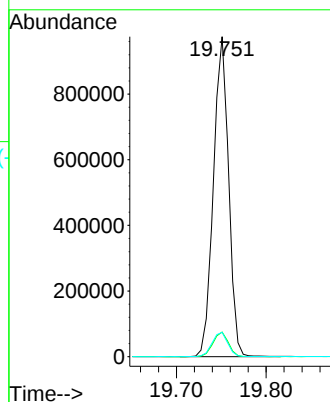
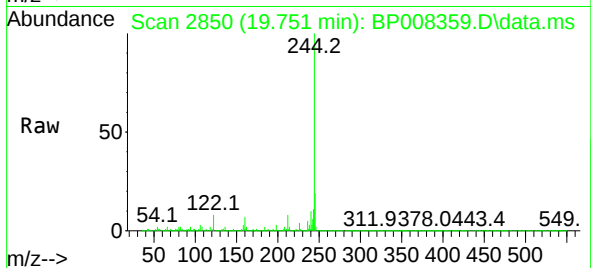
Tgt Ion:244 Resp: 1146269

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 7.6 6.6 9.8



#81

Benzo(a)anthracene

Concen: 3.446 ng

RT: 21.268 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BP008359.D

Acq: 11 Dec 2021 01:37

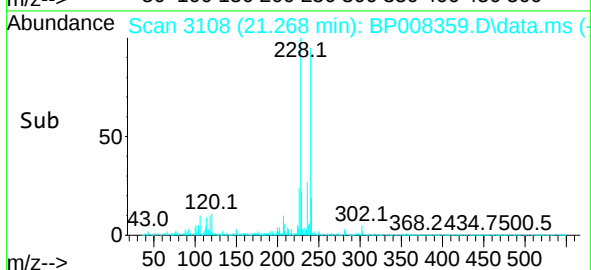
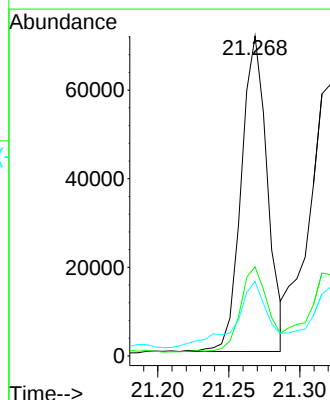
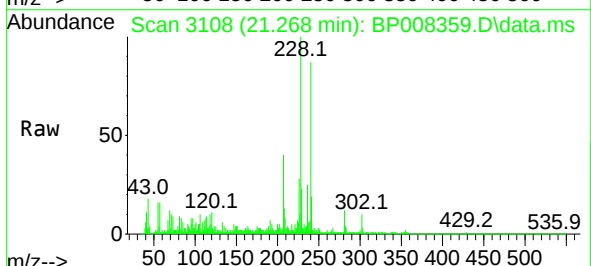
Tgt Ion:228 Resp: 90949

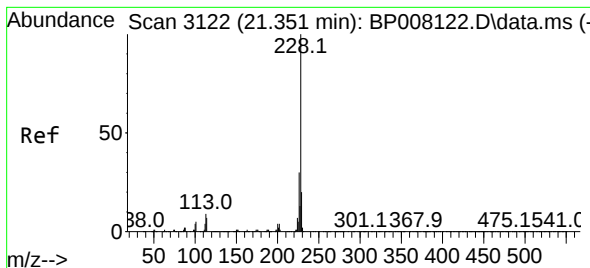
Ion Ratio Lower Upper

228 100

226 27.9 21.9 32.9

229 23.3 15.9 23.9





#83

Chrysene

Concen: 3.622 ng

RT: 21.268 min Scan# 3122

Delta R.T. -0.059 min

Lab File: BP008359.D

Acq: 11 Dec 2021 01:37

Instrument :

BNA_P

ClientSampleId :

R3-COMP

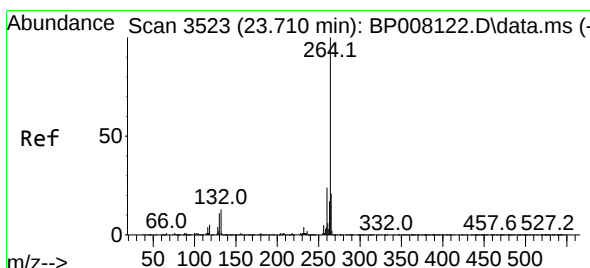
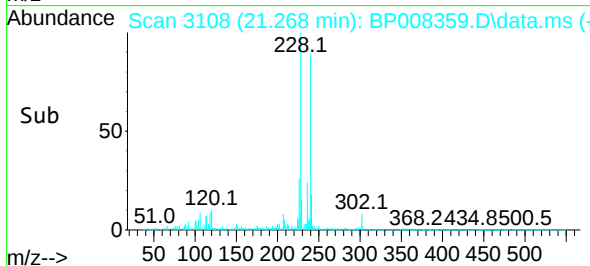
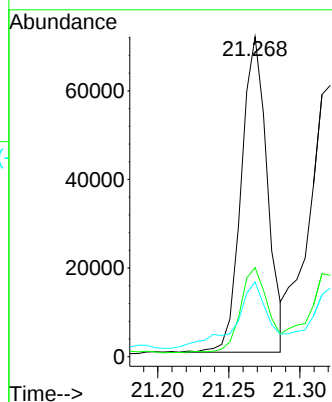
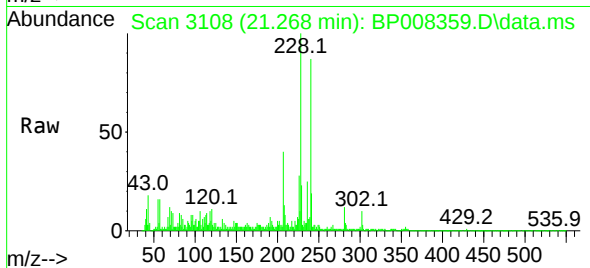
Tgt Ion:228 Resp: 90949

Ion Ratio Lower Upper

228 100

226 27.9 24.0 36.0

229 23.3 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.662 min Scan# 3515

Delta R.T. -0.012 min

Lab File: BP008359.D

Acq: 11 Dec 2021 01:37

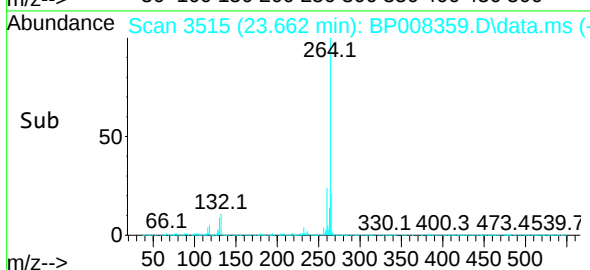
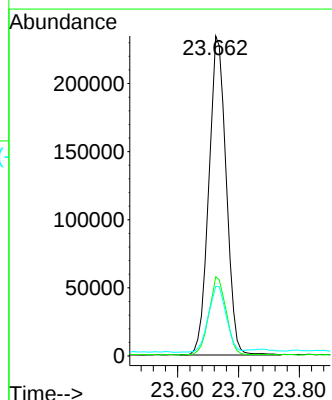
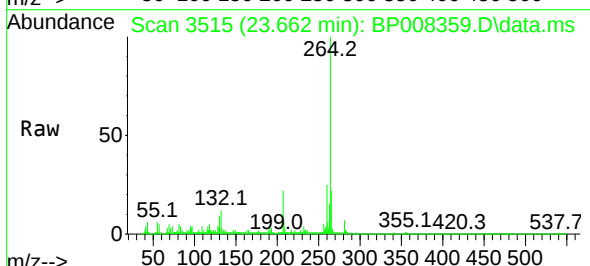
Tgt Ion:264 Resp: 463305

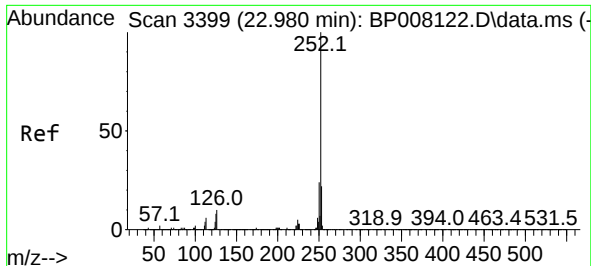
Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 21.8 17.6 26.4

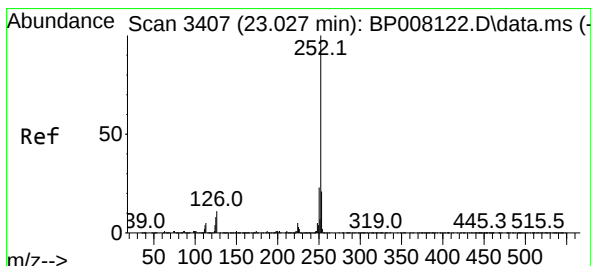
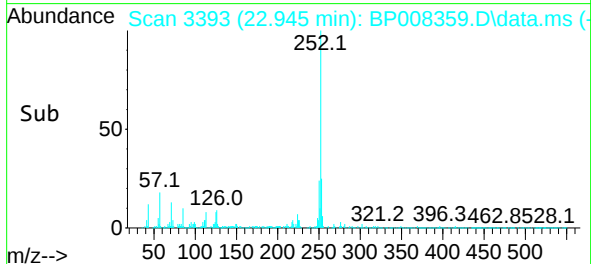
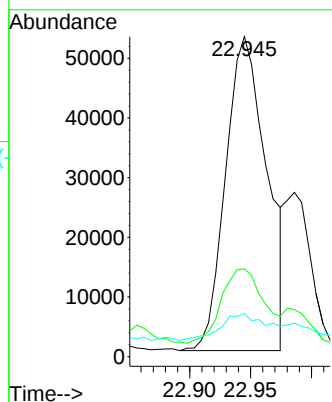
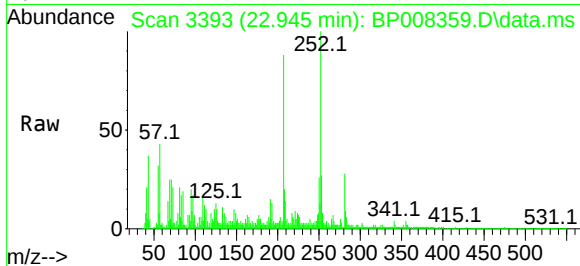




#88
Benzo(b)fluoranthene
Concen: 4.439 ng
RT: 22.945 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

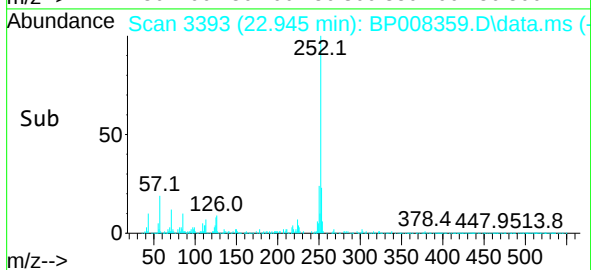
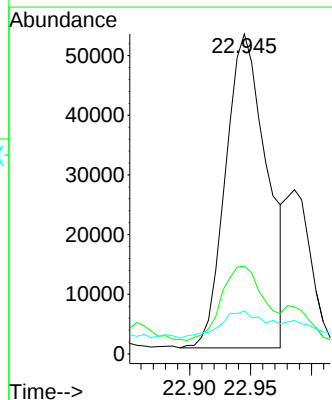
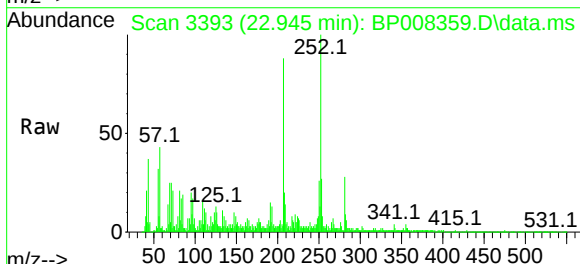
Instrument :
BNA_P
ClientSampleId :
R3-COMP

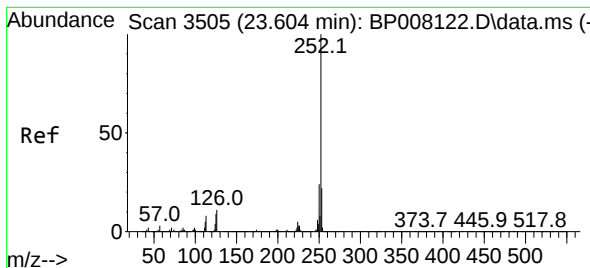
Tgt Ion:252 Resp: 123970
Ion Ratio Lower Upper
252 100
253 27.5 17.7 26.5#
125 13.5 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 4.534 ng
RT: 22.945 min Scan# 3393
Delta R.T. -0.053 min
Lab File: BP008359.D
Acq: 11 Dec 2021 01:37

Tgt Ion:252 Resp: 123970
Ion Ratio Lower Upper
252 100
253 27.5 17.3 25.9#
125 13.5 6.5 9.7#





#90

Benzo(a)pyrene

Concen: 3.760 ng

RT: 23.562 min Scan# 34

Delta R.T. -0.006 min

Lab File: BP008359.D

Acq: 11 Dec 2021 01:37

Instrument :

BNA_P

ClientSampleId :

R3-COMP

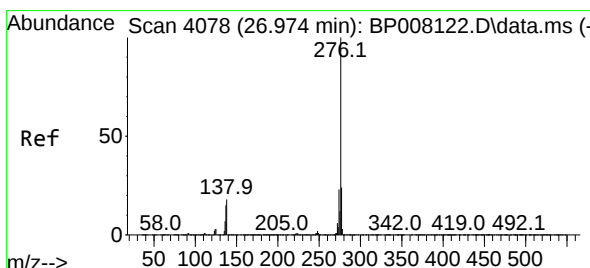
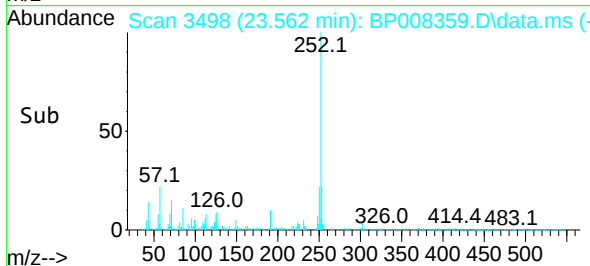
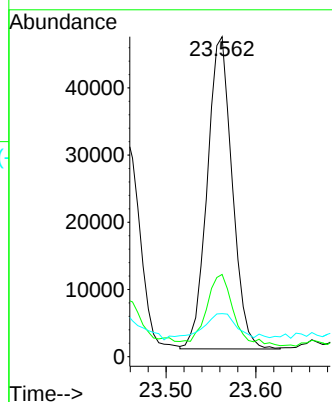
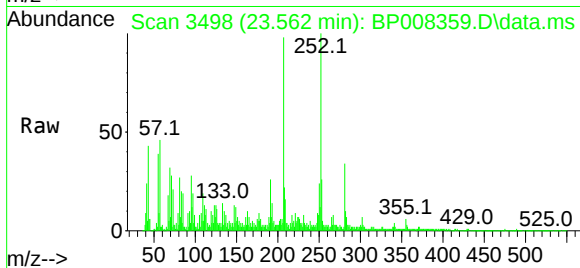
Tgt Ion:252 Resp: 89760

Ion Ratio Lower Upper

252 100

253 25.7 17.6 26.4

125 13.5 7.4 11.0#



#92

Benzo(g,h,i)perylene

Concen: 2.047 ng

RT: 26.903 min Scan# 4066

Delta R.T. -0.018 min

Lab File: BP008359.D

Acq: 11 Dec 2021 01:37

Tgt Ion:276 Resp: 57805

Ion Ratio Lower Upper

276 100

277 29.7 20.0 30.0

138 17.1 14.1 21.1

