

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
 Data File : BP009686.D
 Acq On : 04 Apr 2022 19:15
 Operator : CG/JU
 Sample : N2227-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 124055

Quant Time: Apr 04 23:27:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

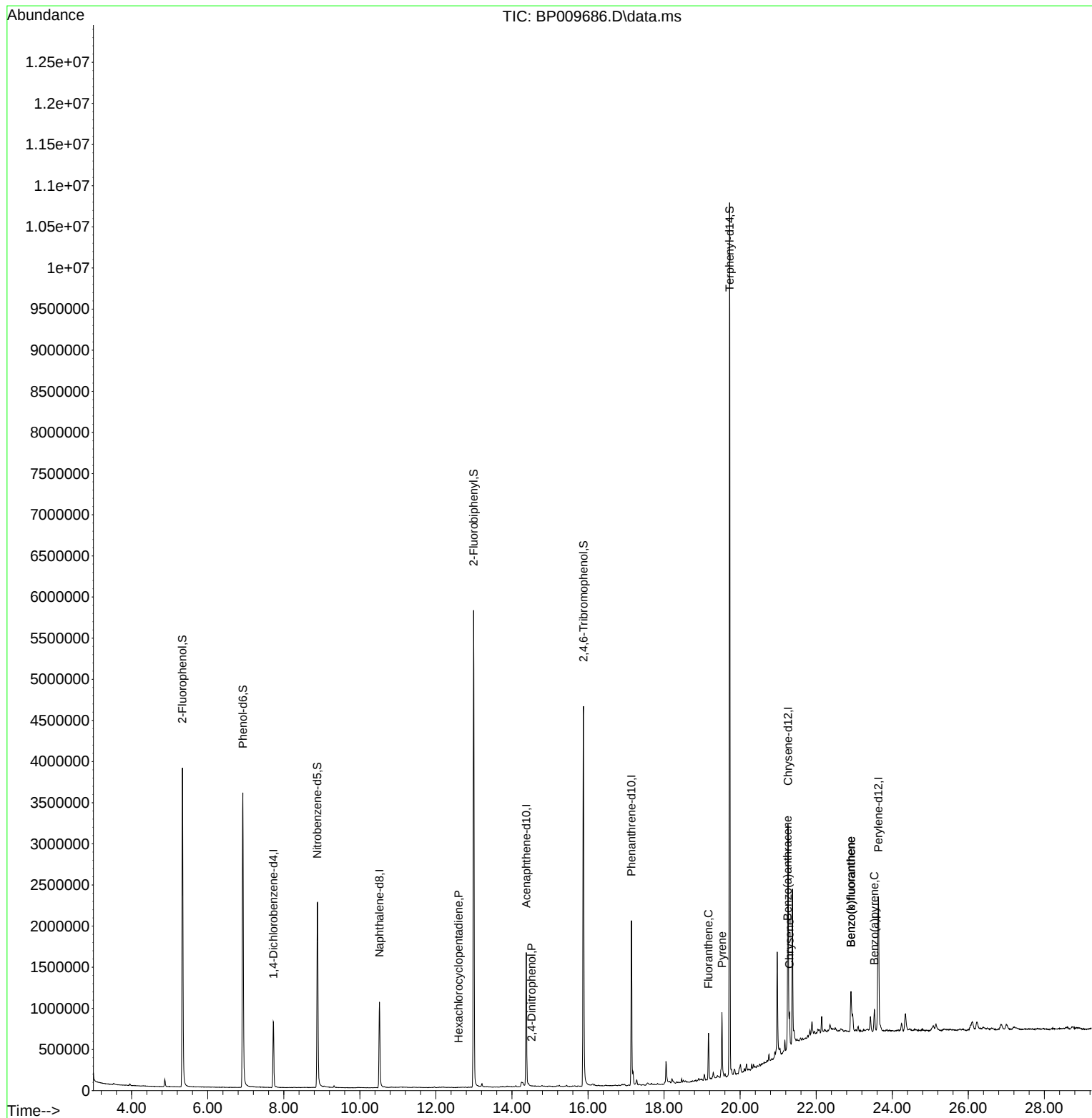
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	250732	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	996671	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	621347	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1291194	20.000	ng	-0.02
76) Chrysene-d12	21.263	240	1294336	20.000	ng	-0.01
86) Perylene-d12	23.633	264	1356823	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	2021744	140.781	ng	-0.01
7) Phenol-d6	6.922	99	2538750	130.721	ng	-0.01
23) Nitrobenzene-d5	8.881	82	1617189	86.225	ng	-0.02
42) 2,4,6-Tribromophenol	15.881	330	1072459	104.596	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	3428888	76.502	ng	-0.02
79) Terphenyl-d14	19.722	244	5413911	75.076	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.922	77	5081	Below Cal	Qvalue # 10	
41) Hexachlorocyclopentadiene	12.599	237	17	7.290 ng	# 92	
54) 2,4-Dinitrophenol	14.516	184	68	4.543 ng	# 1	
75) Fluoranthene	19.169	202	360653	4.310 ng	99	
78) Pyrene	19.522	202	495191	5.806 ng	100	
81) Benzo(a)anthracene	21.245	228	264700	3.113 ng	99	
83) Chrysene	21.298	228	254589	3.162 ng	98	
88) Benzo(b)fluoranthene	22.916	252	350431	4.326 ng	99	
89) Benzo(k)fluoranthene	22.916	252	350431	4.419 ng	99	
90) Benzo(a)pyrene	23.527	252	169764	2.450 ng	99	

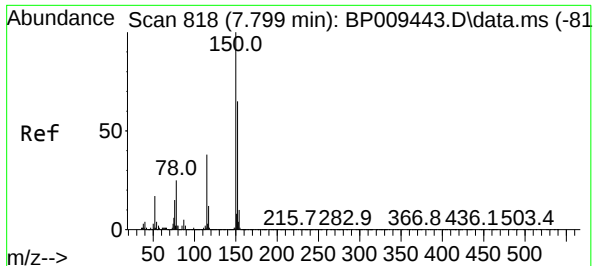
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009686.D
Acq On : 04 Apr 2022 19:15
Operator : CG/JU
Sample : N2227-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124055

Quant Time: Apr 04 23:27:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 04:36:51 2022
Response via : Initial Calibration

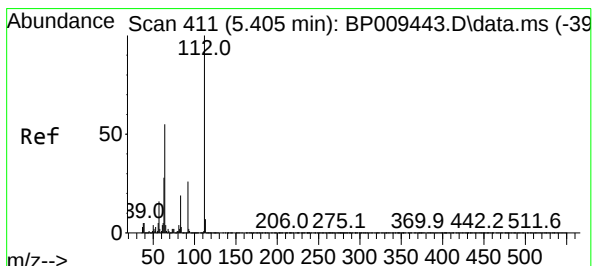
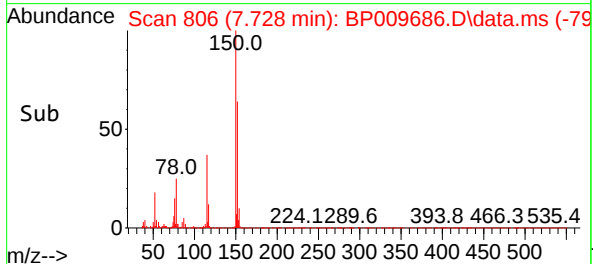
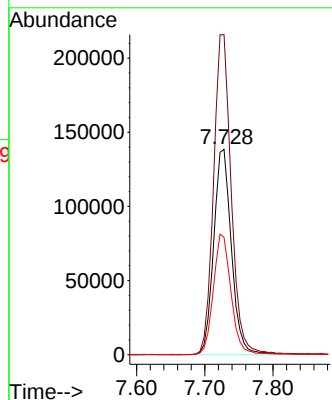
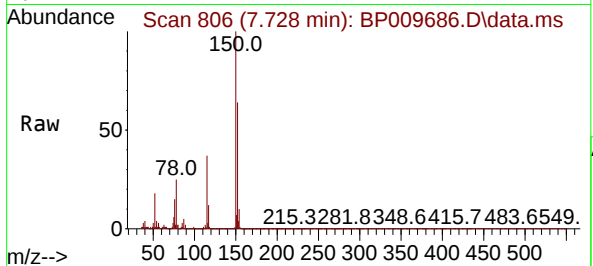




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

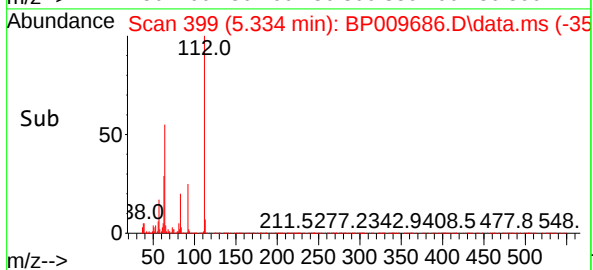
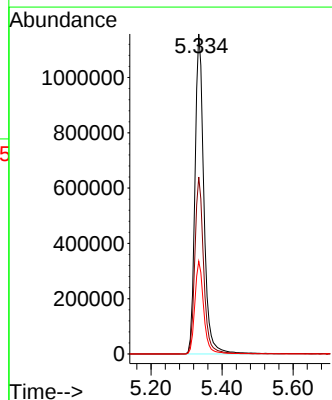
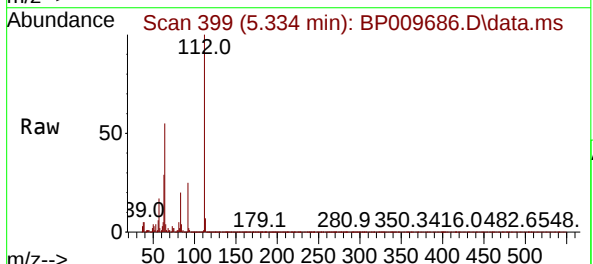
Instrument :
BNA_P
ClientSampleId :
124055

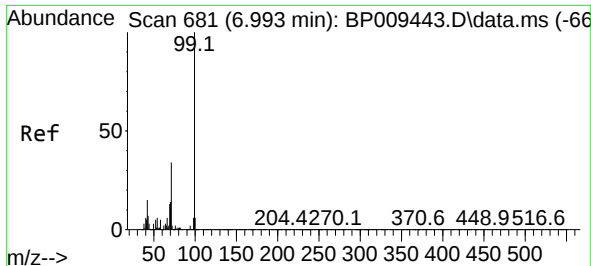
Tgt Ion:152 Resp: 250732
Ion Ratio Lower Upper
152 100
150 155.8 124.5 186.7
115 57.1 48.2 72.4



#5
2-Fluorophenol
Concen: 140.781 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

Tgt Ion:112 Resp: 2021744
Ion Ratio Lower Upper
112 100
64 55.3 45.0 67.4
63 29.0 23.0 34.6

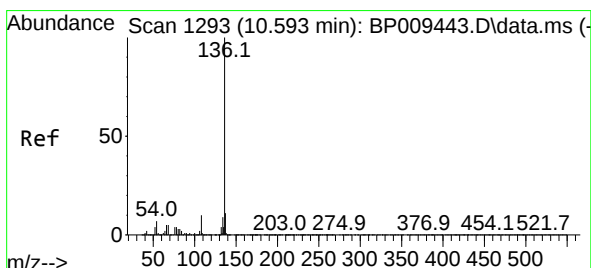
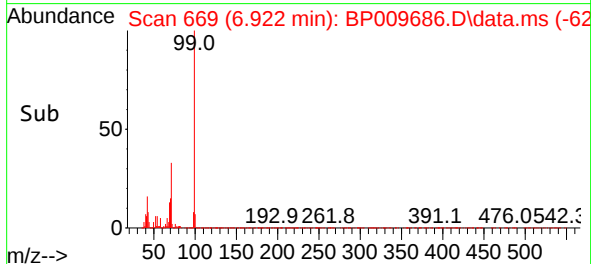
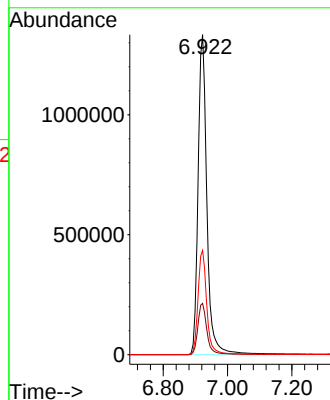
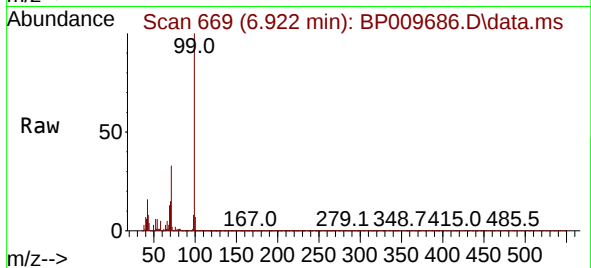




#7
Phenol-d6
Concen: 130.721 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

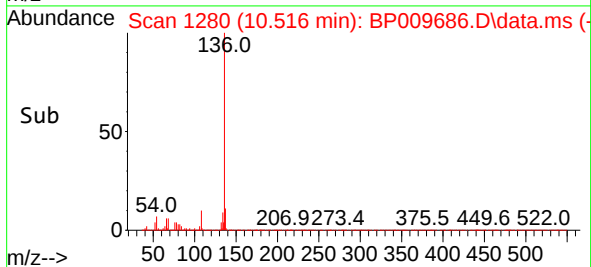
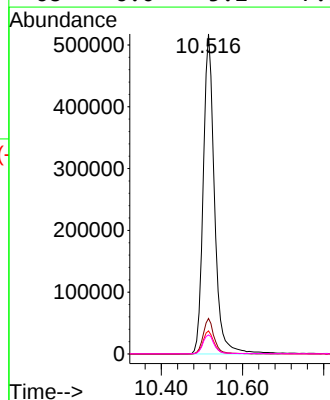
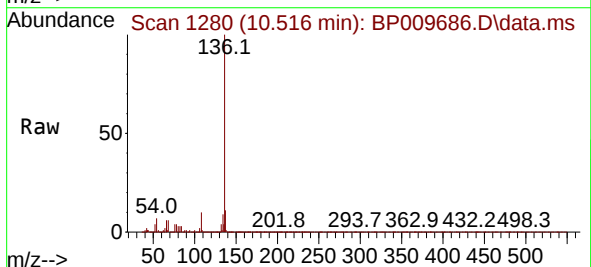
Instrument :
BNA_P
ClientSampleId :
124055

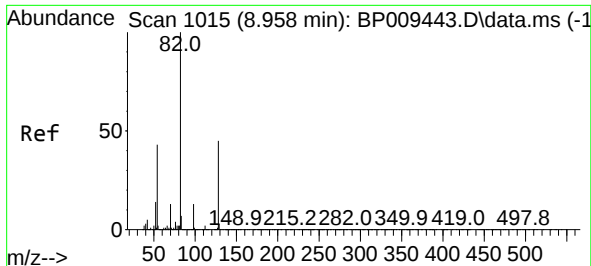
Tgt Ion: 99 Resp: 2538750
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 32.6 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

Tgt Ion: 136 Resp: 996671
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.2 5.8 8.8
68 6.0 5.2 7.8

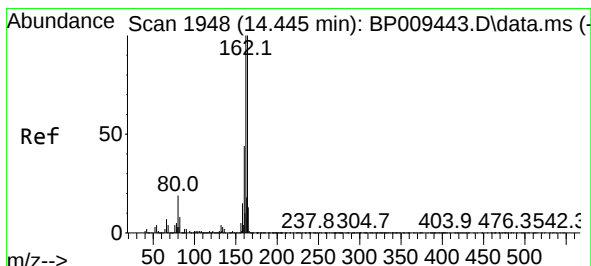
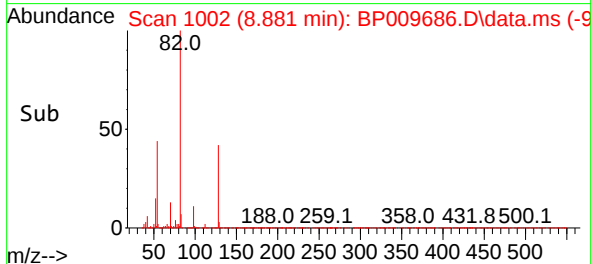
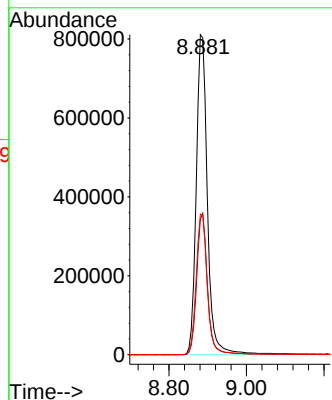
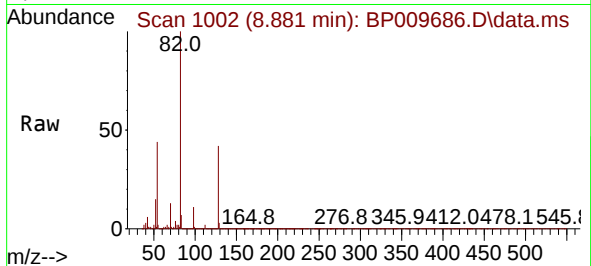




#23
Nitrobenzene-d5
Concen: 86.225 ng
RT: 8.881 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

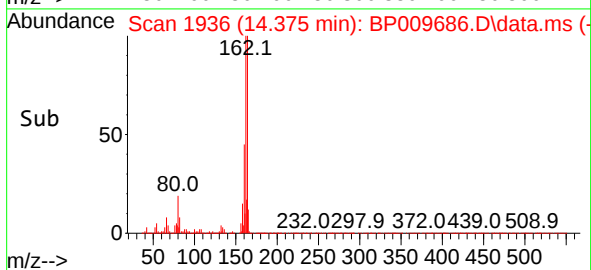
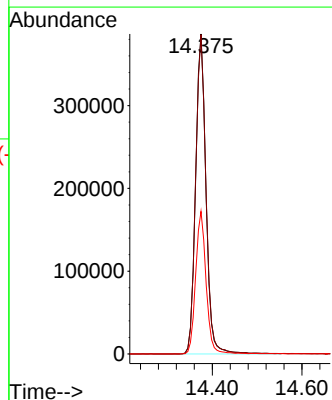
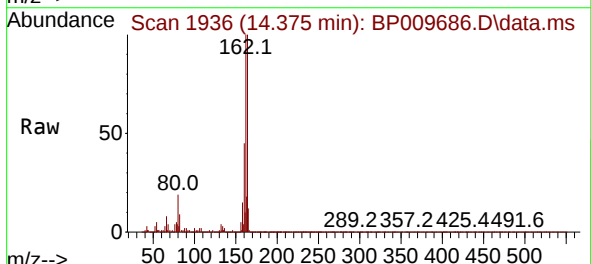
Instrument :
BNA_P
ClientSampleId :
124055

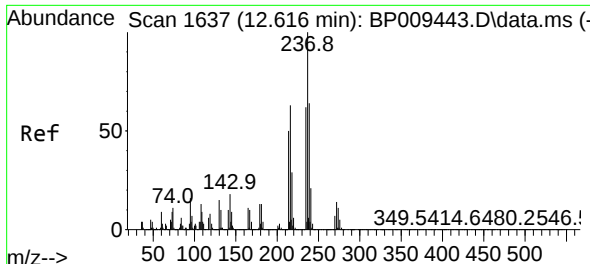
Tgt Ion: 82 Resp: 1617189
Ion Ratio Lower Upper
82 100
128 42.4 34.2 51.4
54 43.9 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1936
Delta R.T. -0.018 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

Tgt Ion:164 Resp: 621347
Ion Ratio Lower Upper
164 100
162 99.8 79.1 118.7
160 44.6 34.9 52.3

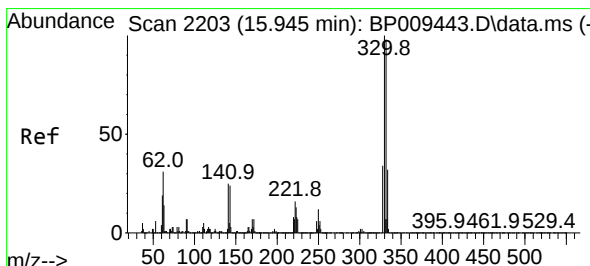
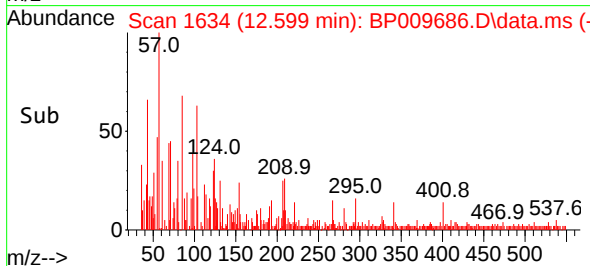
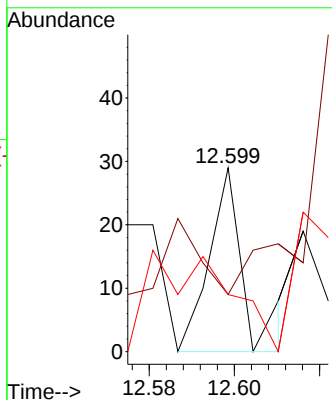
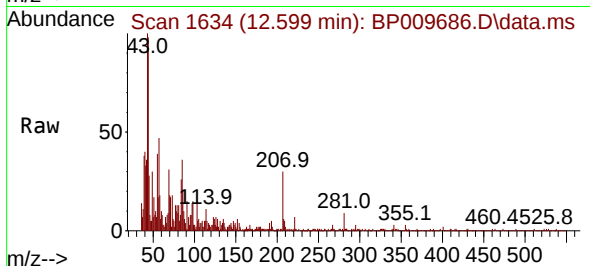




#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.599 min Scan# 1
Delta R.T. 0.041 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

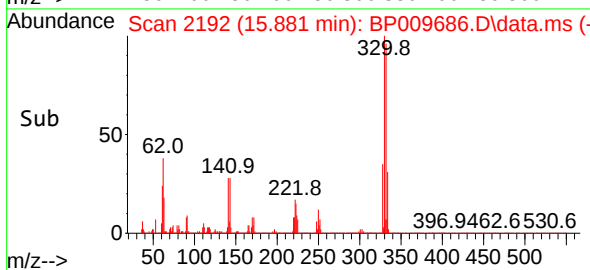
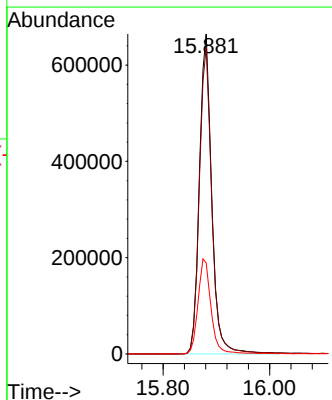
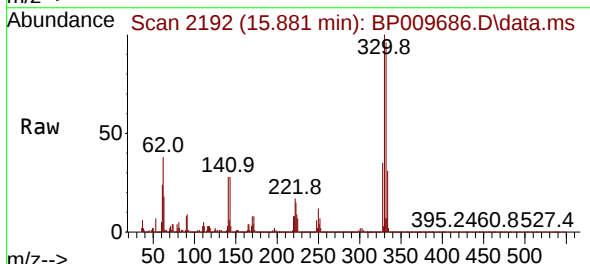
Instrument :
BNA_P
ClientSampleId :
124055

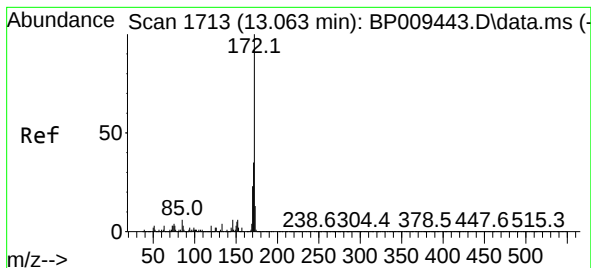
Tgt Ion:	237	Resp:	17
Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.6	82.6
272	31.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 104.596 ng
RT: 15.881 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

Tgt Ion:	330	Resp:	1072459
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	31.0	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 76.502 ng

RT: 12.993 min Scan# 1

Delta R.T. -0.018 min

Lab File: BP009686.D

Acq: 04 Apr 2022 19:15

Instrument :

BNA_P

ClientSampleId :

124055

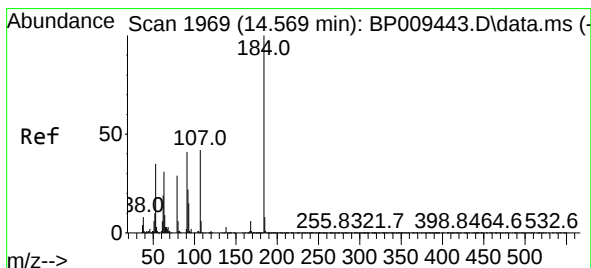
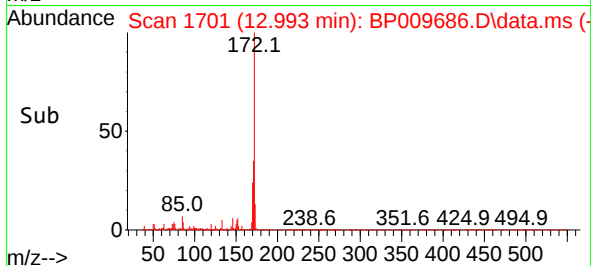
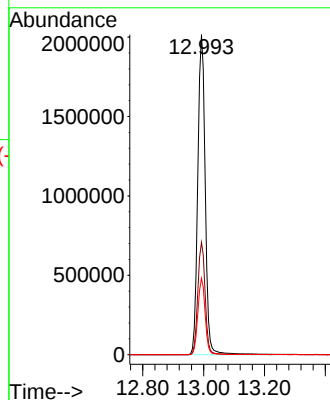
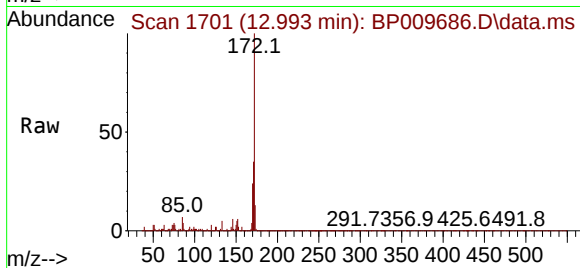
Tgt Ion:172 Resp: 3428888

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

170 23.9 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.543 ng

RT: 14.516 min Scan# 1960

Delta R.T. -0.012 min

Lab File: BP009686.D

Acq: 04 Apr 2022 19:15

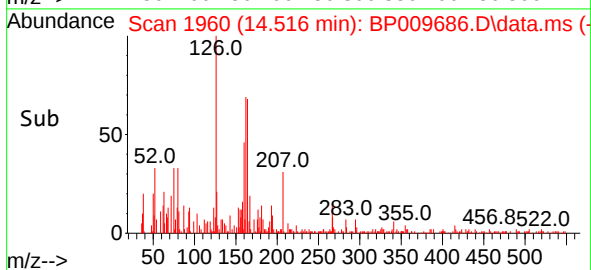
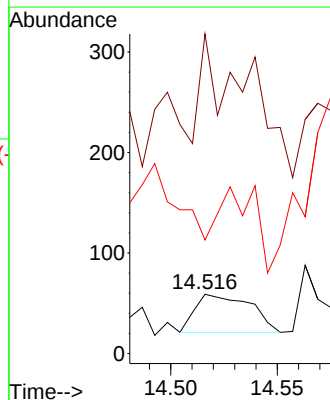
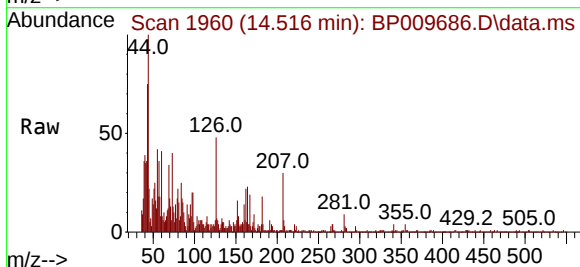
Tgt Ion:184 Resp: 68

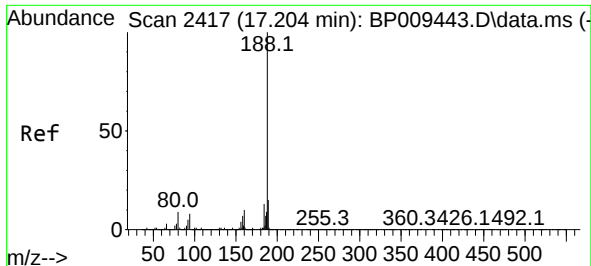
Ion Ratio Lower Upper

184 100

63 539.0 46.3 69.5#

154 191.5 45.8 68.6#

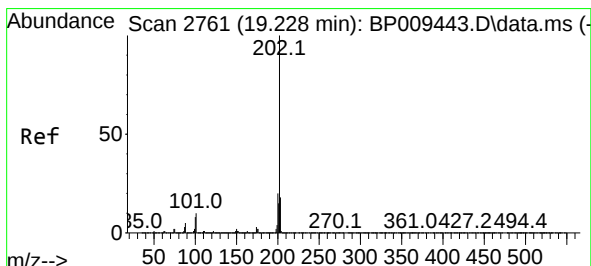
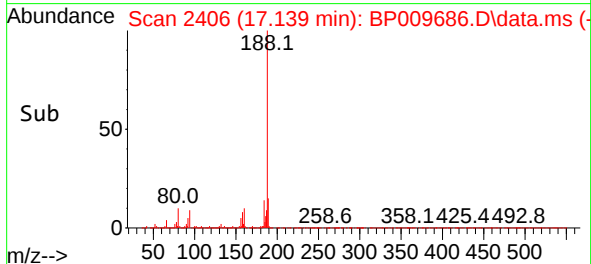
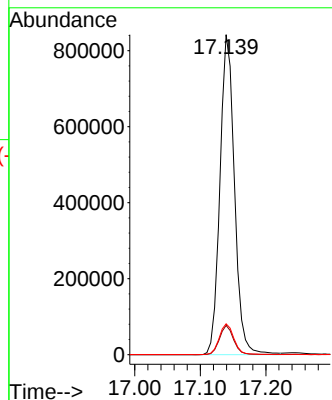
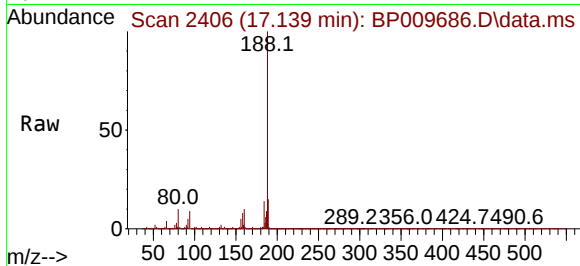




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2417
Delta R.T. -0.018 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

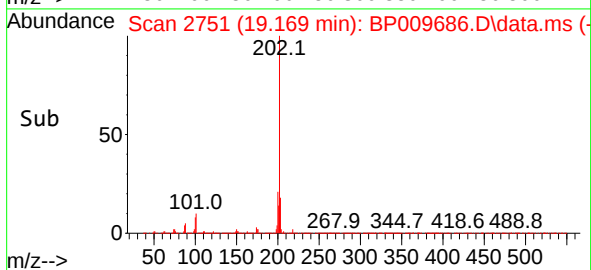
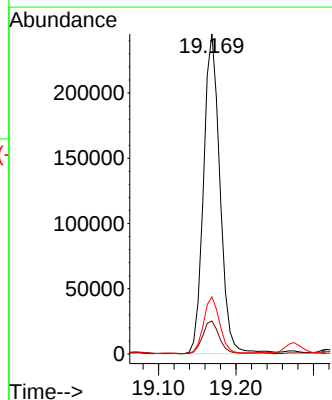
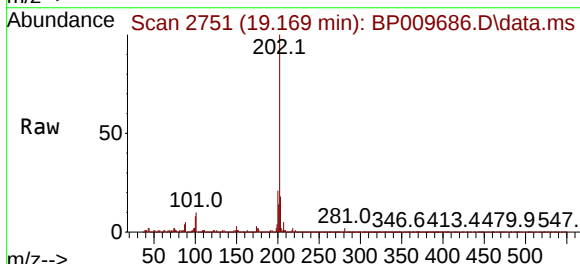
Instrument :
BNA_P
ClientSampleId :
124055

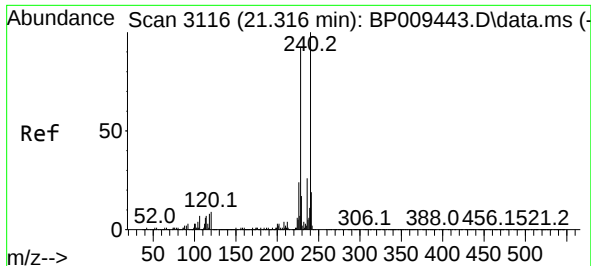
Tgt Ion:188 Resp: 1291194
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 9.6 8.8 13.2



#75
Fluoranthene
Concen: 4.310 ng
RT: 19.169 min Scan# 2751
Delta R.T. -0.012 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

Tgt Ion:202 Resp: 360653
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.5
203 17.8 0.0 37.8

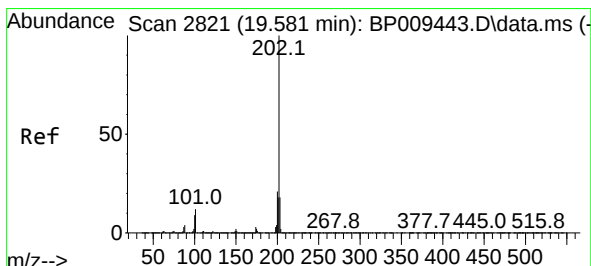
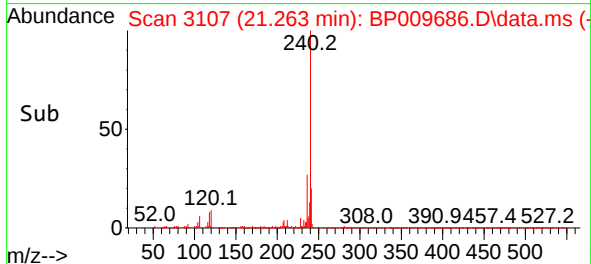
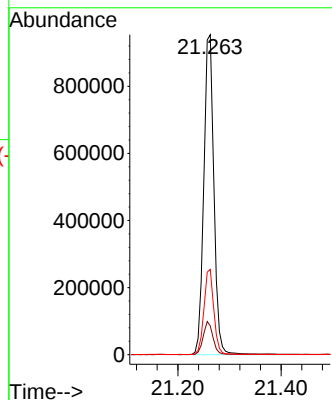
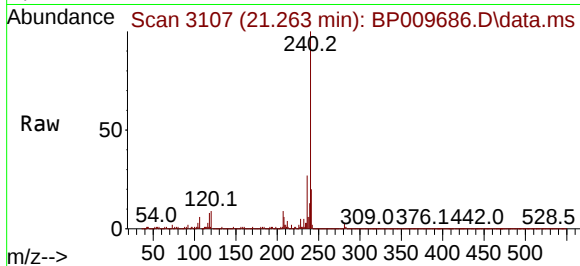




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

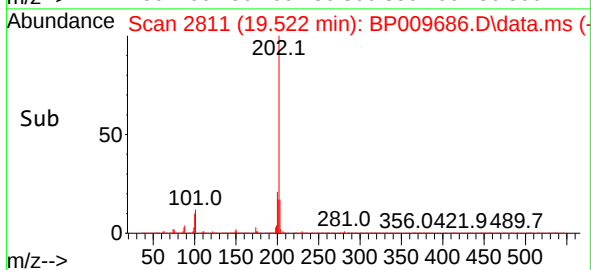
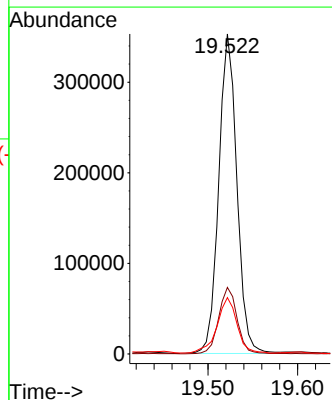
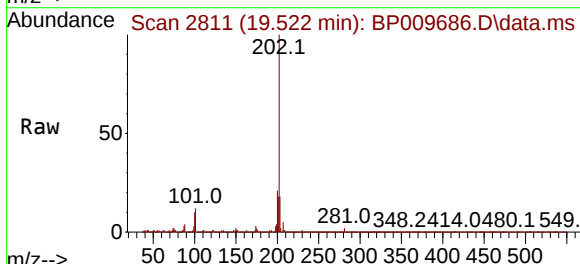
Instrument :
BNA_P
ClientSampleId :
124055

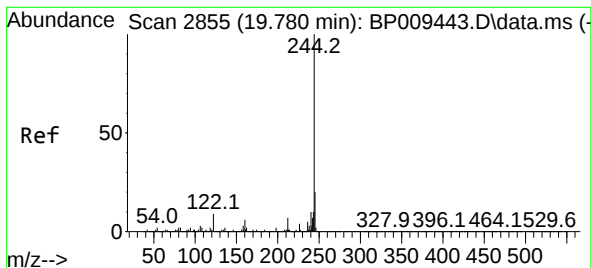
Tgt Ion:240 Resp: 1294336
Ion Ratio Lower Upper
240 100
120 9.0 9.0 13.4
236 26.6 20.6 30.8



#78
Pyrene
Concen: 5.806 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.018 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

Tgt Ion:202 Resp: 495191
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 75.076 ng

RT: 19.722 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP009686.D

Acq: 04 Apr 2022 19:15

Instrument :

BNA_P

ClientSampleId :

124055

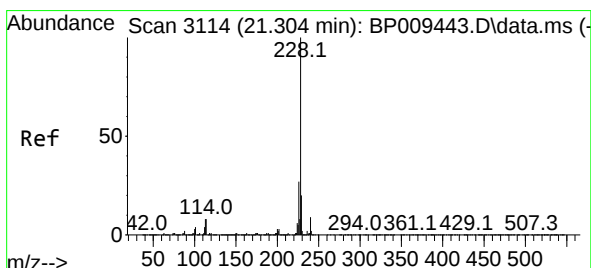
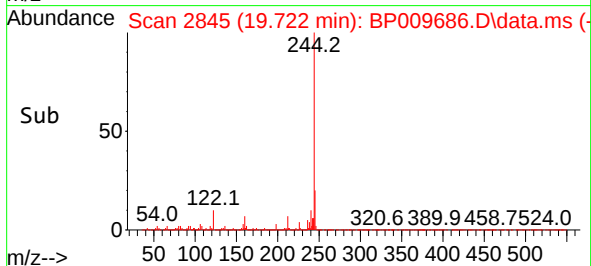
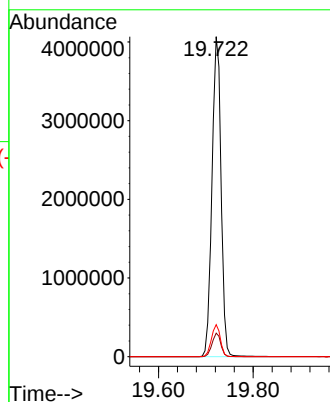
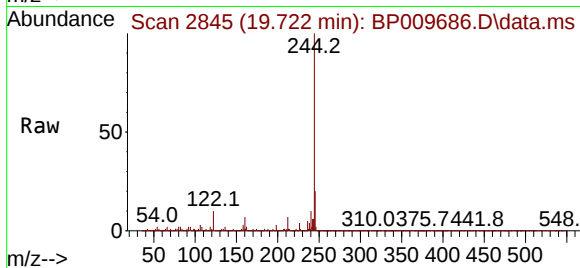
Tgt Ion:244 Resp: 5413911

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 10.0 8.3 12.5



#81

Benzo(a)anthracene

Concen: 3.113 ng

RT: 21.245 min Scan# 3104

Delta R.T. -0.018 min

Lab File: BP009686.D

Acq: 04 Apr 2022 19:15

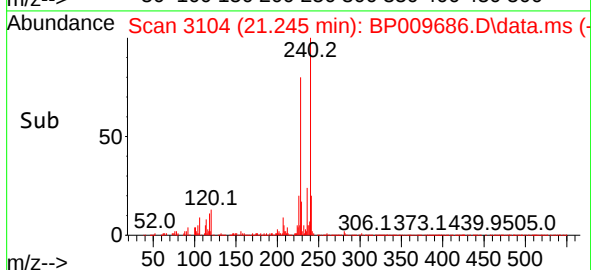
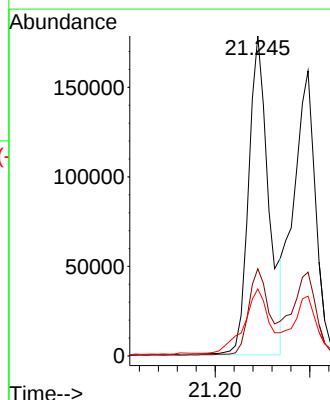
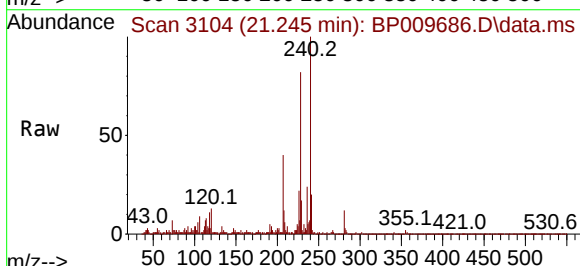
Tgt Ion:228 Resp: 264700

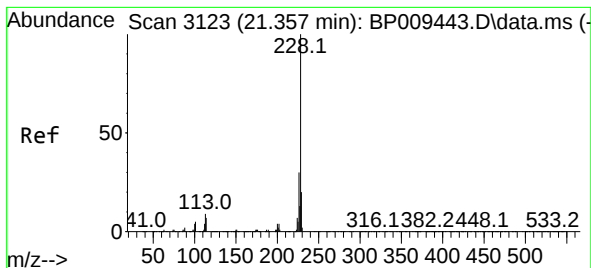
Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

229 20.9 16.1 24.1





#83

Chrysene

Concen: 3.162 ng

RT: 21.298 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP009686.D

Acq: 04 Apr 2022 19:15

Instrument :

BNA_P

ClientSampleId :

124055

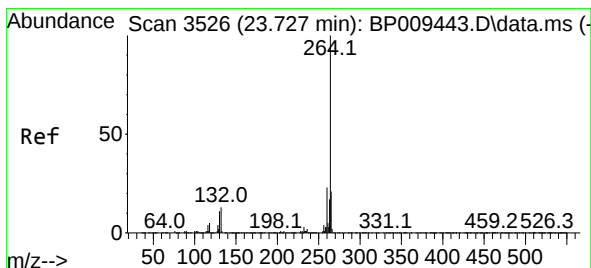
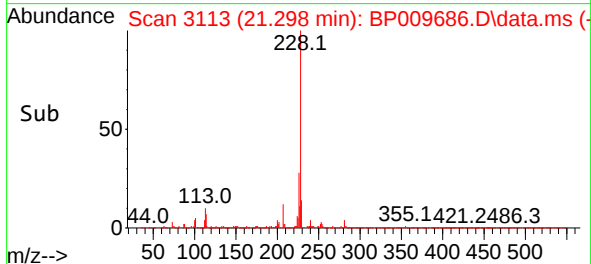
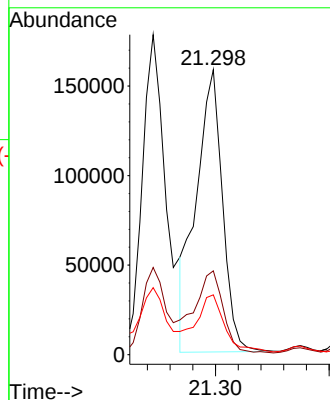
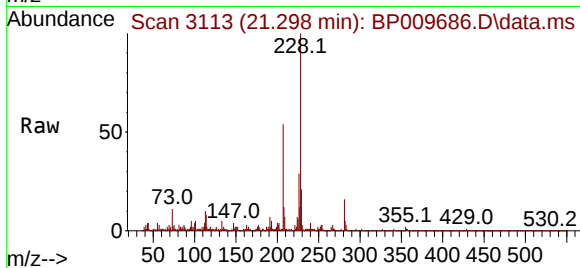
Tgt Ion:228 Resp: 254589

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.2

229 21.0 16.1 24.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.633 min Scan# 3510

Delta R.T. -0.018 min

Lab File: BP009686.D

Acq: 04 Apr 2022 19:15

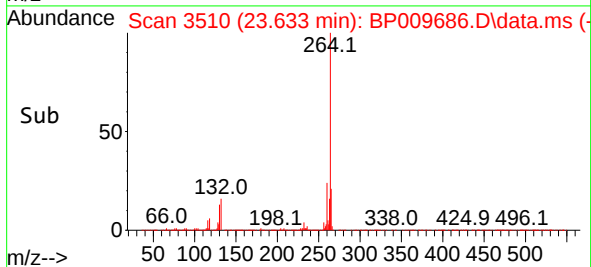
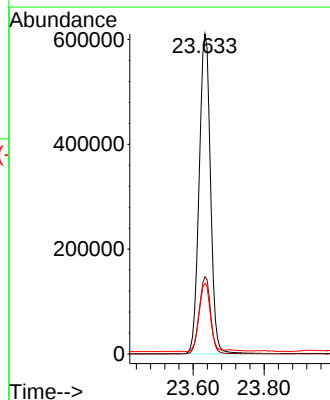
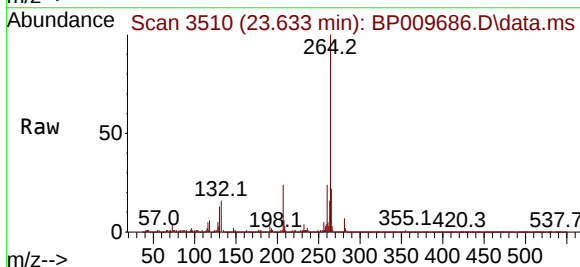
Tgt Ion:264 Resp: 1356823

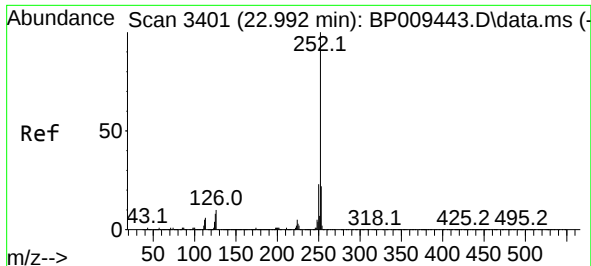
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 22.0 17.2 25.8

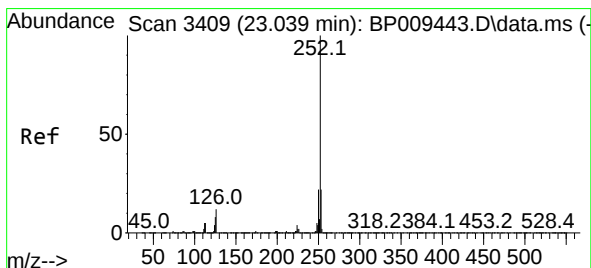
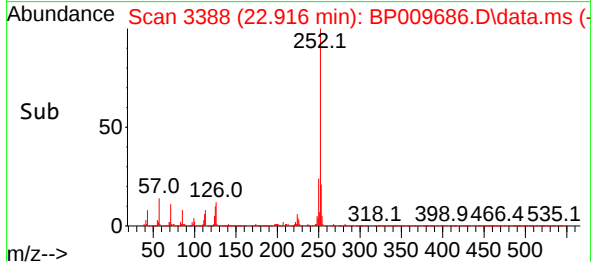
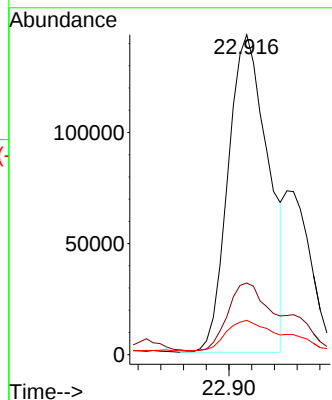
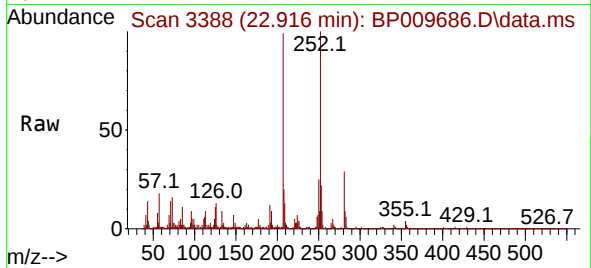




#88
Benzo(b)fluoranthene
Concen: 4.326 ng
RT: 22.916 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

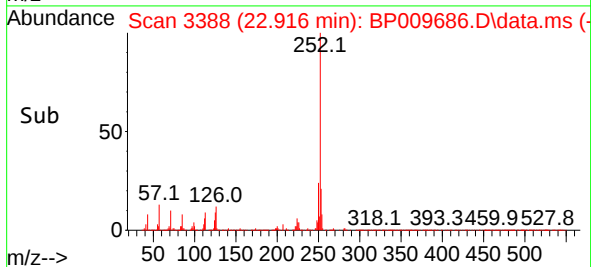
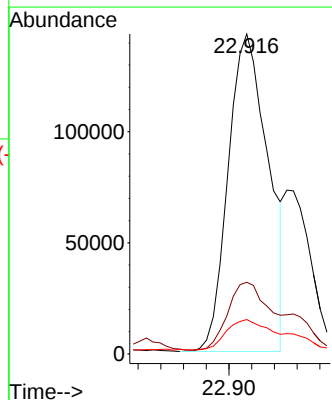
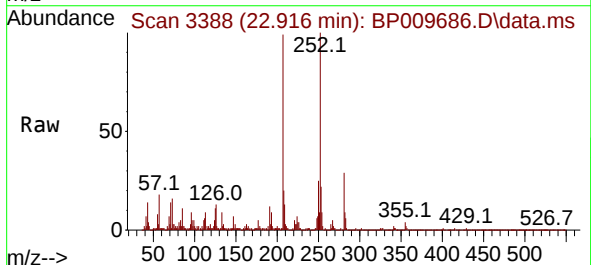
Instrument :
BNA_P
ClientSampleId :
124055

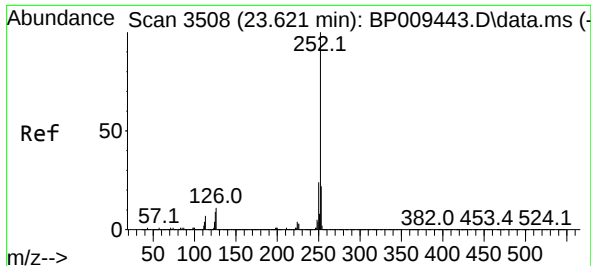
Tgt Ion:252 Resp: 350431
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.7 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 4.419 ng
RT: 22.916 min Scan# 3388
Delta R.T. -0.065 min
Lab File: BP009686.D
Acq: 04 Apr 2022 19:15

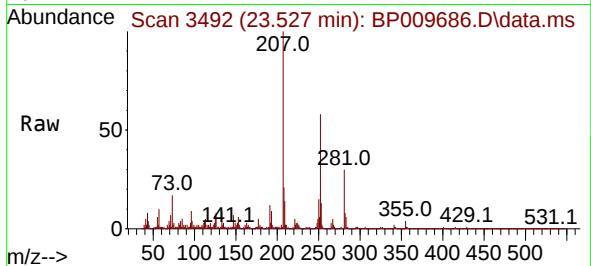
Tgt Ion:252 Resp: 350431
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.7 8.3 12.5





#90
 Benzo(a)pyrene
 Concen: 2.450 ng
 RT: 23.527 min Scan# 34
 Delta R.T. -0.023 min
 Lab File: BP009686.D
 Acq: 04 Apr 2022 19:15

Instrument :
 BNA_P
 ClientSampleId :
 124055



Tgt Ion:252	Resp:	169764
Ion	Ratio	Lower Upper
252	100	
253	23.0	17.8 26.6
125	11.6	9.3 13.9

