

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009521.D
 Acq On : 23 Mar 2022 23:41
 Operator : CG/JU
 Sample : N2031-12 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CMP-B2-031822-0-2

Quant Time: Mar 24 01:23:17 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 24 01:19:11 2022
 Response via : Initial Calibration

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

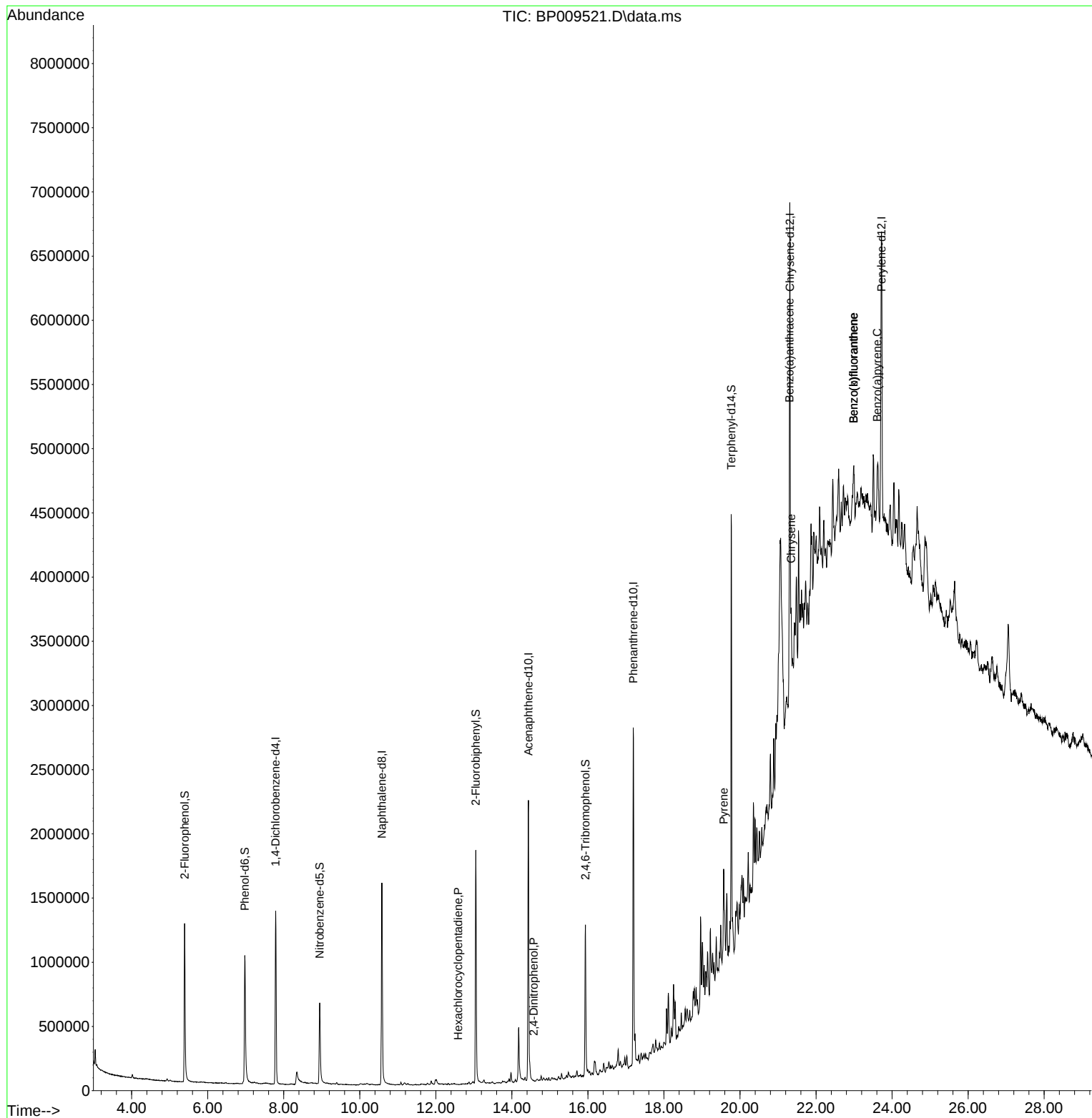
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	423016	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1543397	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	851163	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1769550	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1869649	20.000	ng	0.00
86) Perylene-d12	23.721	264	2045183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	681783	28.140	ng	0.00
7) Phenol-d6	6.975	99	815864	24.900	ng	0.00
23) Nitrobenzene-d5	8.946	82	504518	17.371	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	284411	20.249	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	1122882	18.288	ng	0.00
79) Terphenyl-d14	19.769	244	1726353	16.573	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.975	77	4861	Below Cal	#	62
41) Hexachlorocyclopentadiene	12.587	237	76	7.294	ng	82
54) 2,4-Dinitrophenol	14.575	184	117	4.546	ng	# 1
78) Pyrene	19.569	202	412829	3.351	ng	96
81) Benzo(a)anthracene	21.298	228	251794	2.050	ng	# 67
83) Chrysene	21.345	228	490689	4.219	ng	# 83
88) Benzo(b)fluoranthene	22.986	252	302148	2.475	ng	# 68
89) Benzo(k)fluoranthene	22.986	252	302148	2.528	ng	# 68
90) Benzo(a)pyrene	23.610	252	279571	2.676	ng	# 79

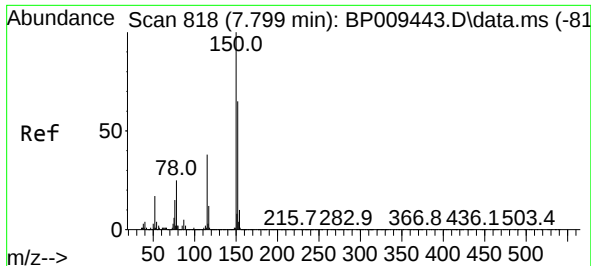
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
Data File : BP009521.D
Acq On : 23 Mar 2022 23:41
Operator : CG/JU
Sample : N2031-12 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2

Quant Time: Mar 24 01:23:17 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 24 01:19:11 2022
Response via : Initial Calibration

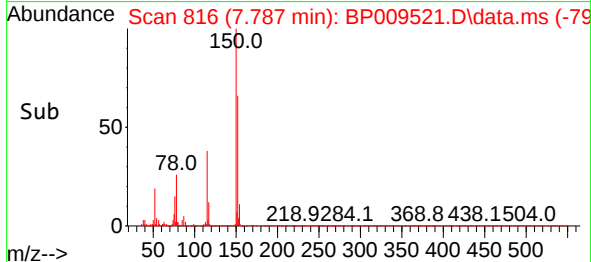
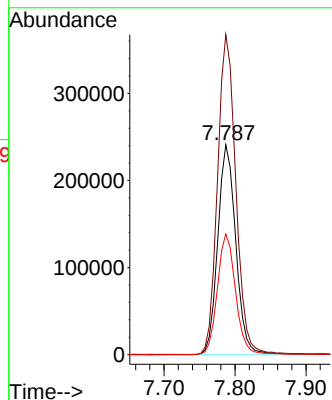
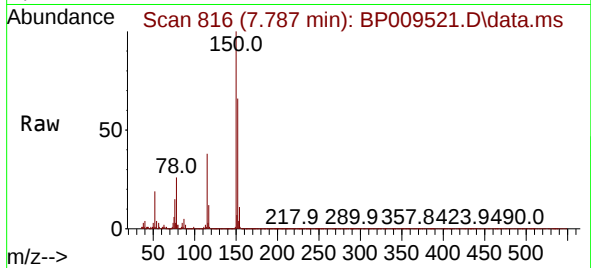




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

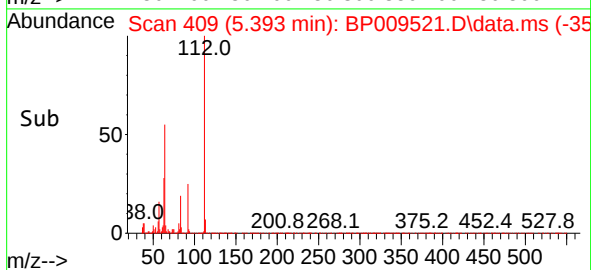
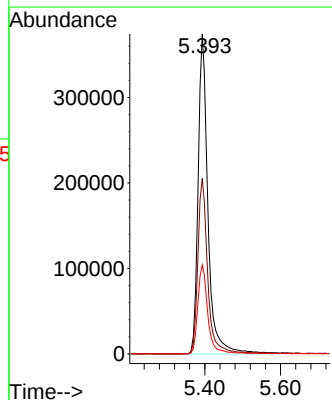
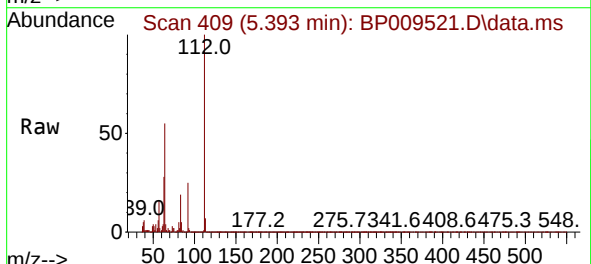
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2

Tgt Ion:152 Resp: 423016
Ion Ratio Lower Upper
152 100
150 152.4 124.5 186.7
115 57.4 48.2 72.4



#5
2-Fluorophenol
Concen: 28.140 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

Tgt Ion:112 Resp: 681783
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 27.8 23.0 34.6

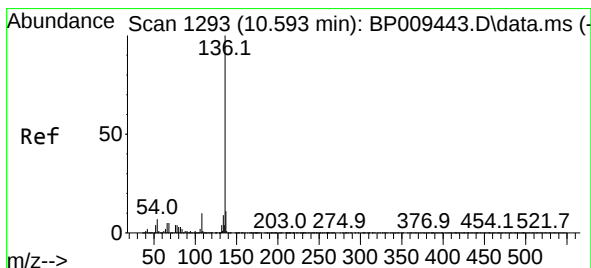
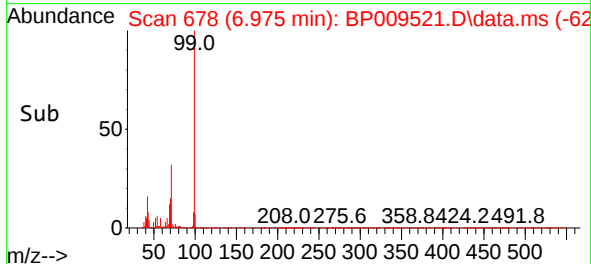
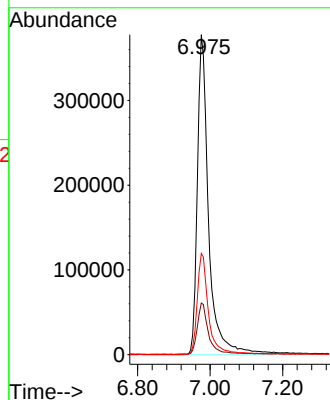
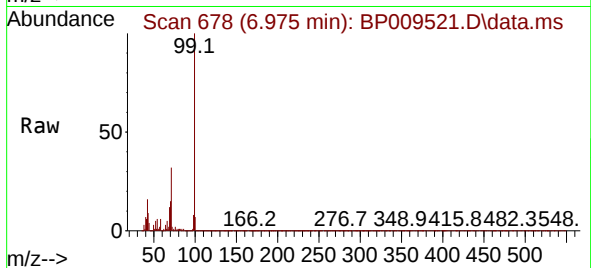




#7
Phenol-d6
Concen: 24.900 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

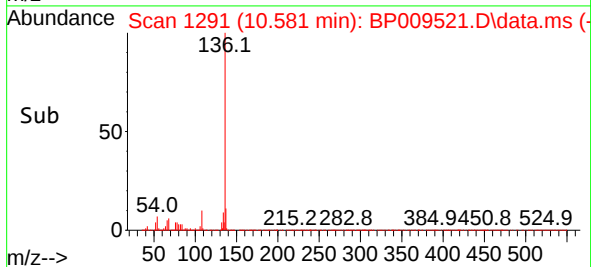
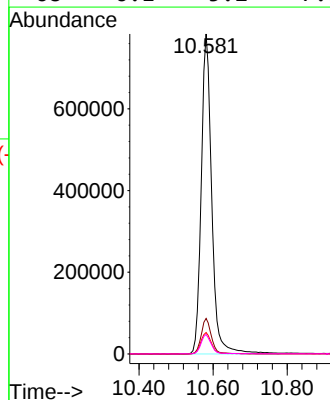
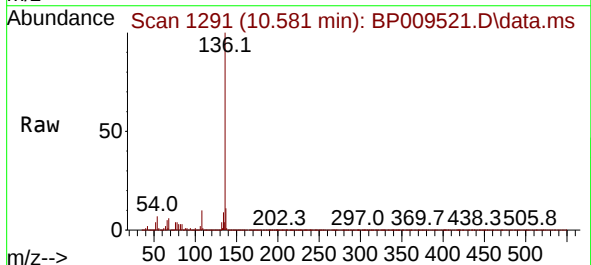
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2

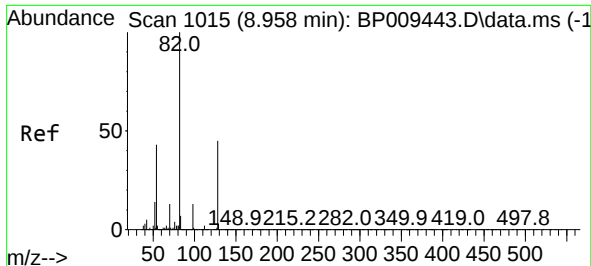
Tgt Ion: 99 Resp: 815864
Ion Ratio Lower Upper
99 100
42 16.1 12.8 19.2
71 31.6 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

Tgt Ion: 136 Resp: 1543397
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 6.7 5.8 8.8
68 6.1 5.2 7.8

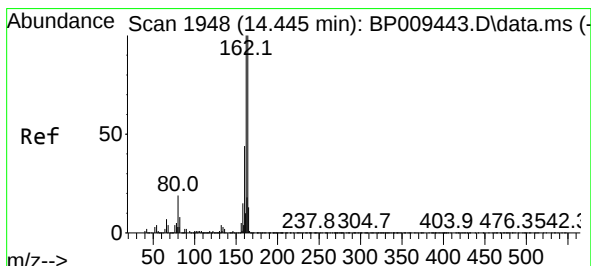
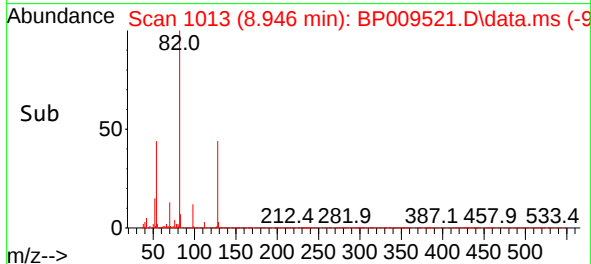
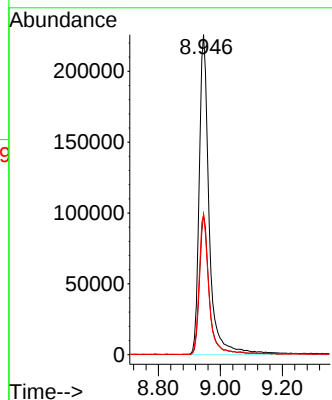
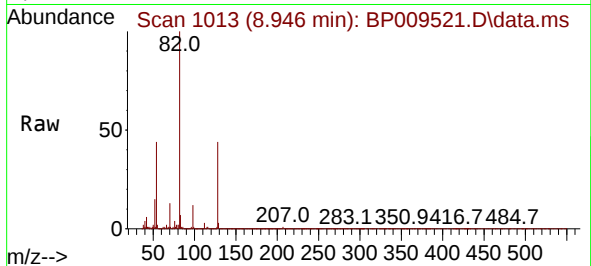




#23
Nitrobenzene-d5
Concen: 17.371 ng
RT: 8.946 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

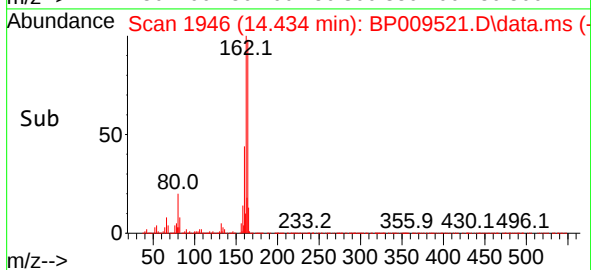
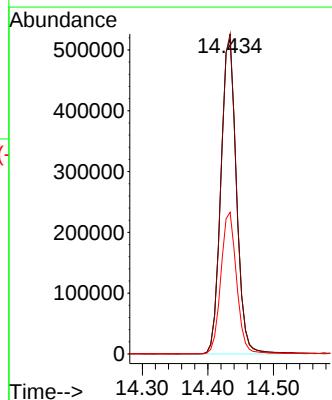
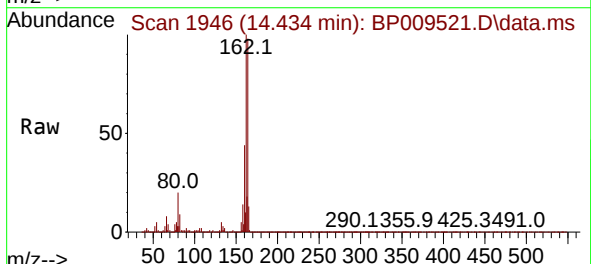
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2

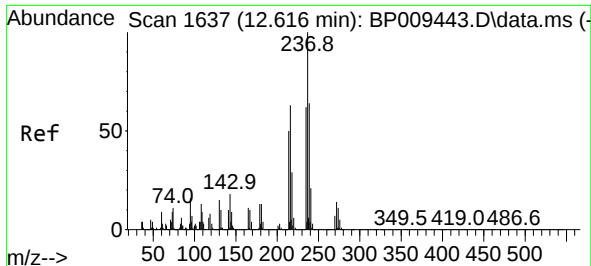
Tgt Ion: 82 Resp: 504518
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.4
54 43.7 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

Tgt Ion: 164 Resp: 851163
Ion Ratio Lower Upper
164 100
162 101.6 79.1 118.7
160 45.0 34.9 52.3

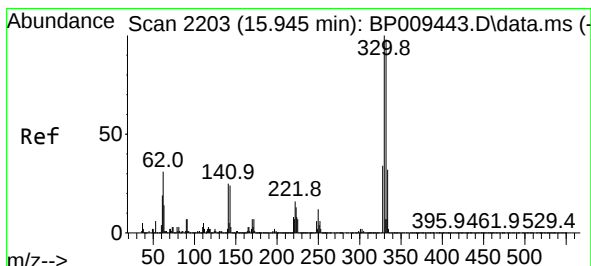
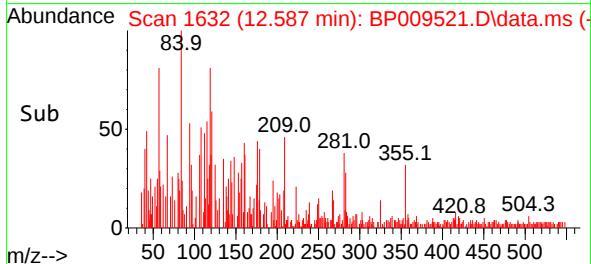
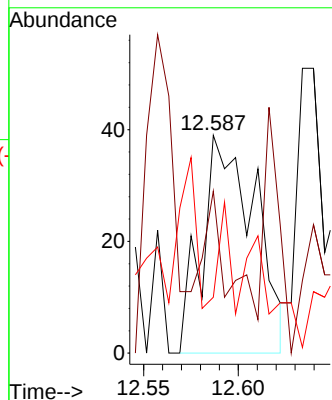
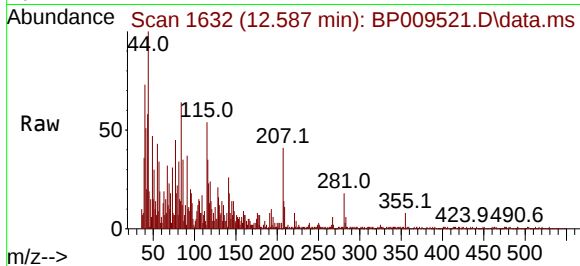




#41
Hexachlorocyclopentadiene
Concen: 7.294 ng
RT: 12.587 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

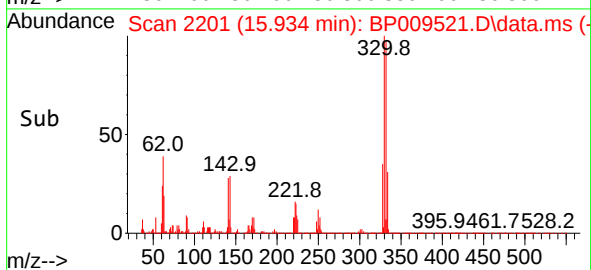
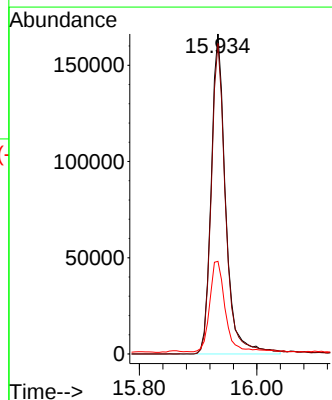
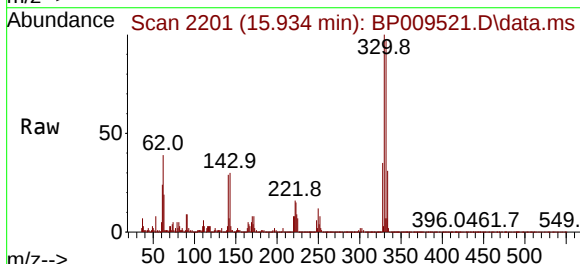
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2

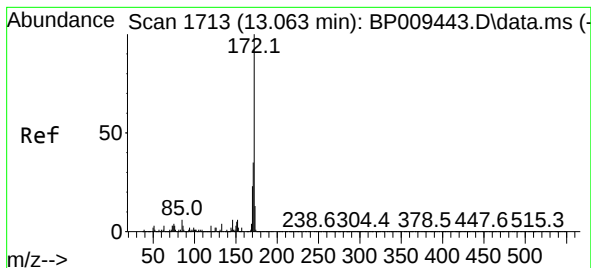
Tgt Ion:	237	Resp:	76
Ion	Ratio	Lower	Upper
237	100		
235	74.4	42.6	82.6
272	25.6	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 20.249 ng
RT: 15.934 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

Tgt Ion:	330	Resp:	284411
Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.4	27.6	41.4

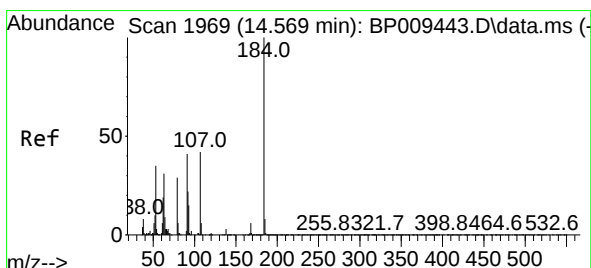
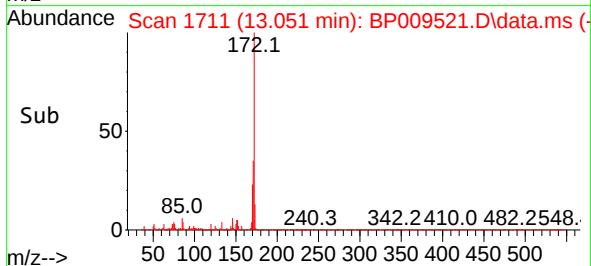
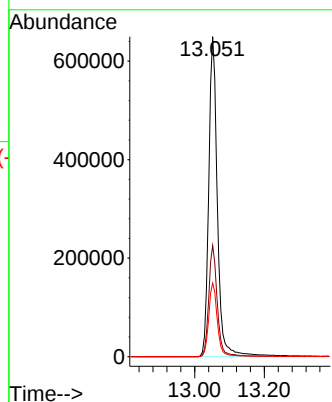
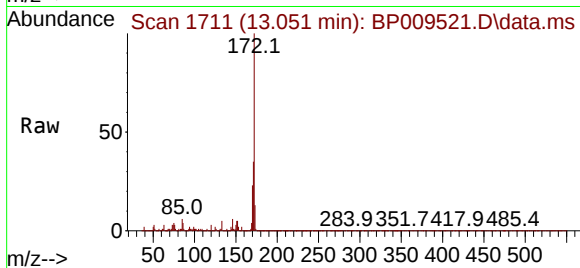




#45
2-Fluorobiphenyl
Concen: 18.288 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

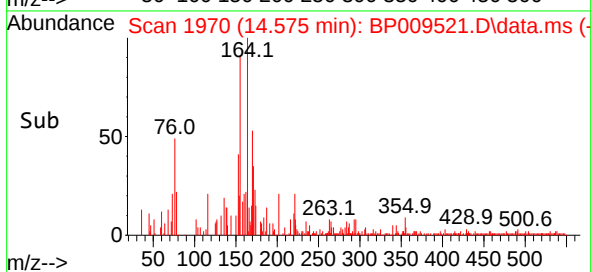
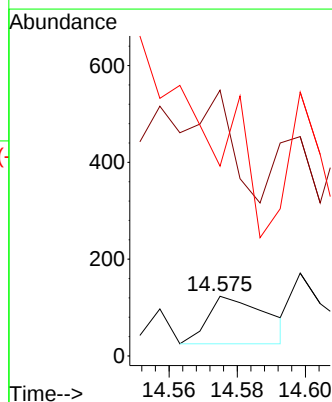
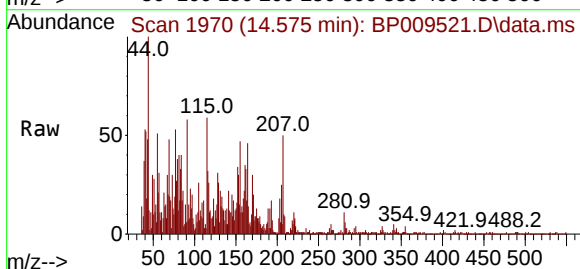
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2

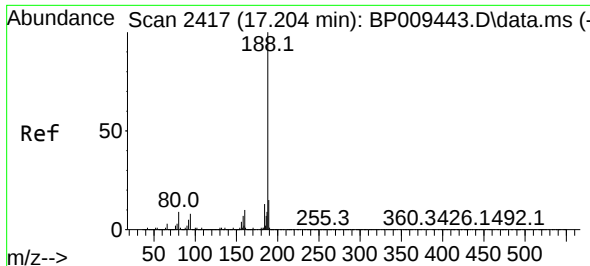
Tgt Ion:172 Resp: 1122882
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.0 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.546 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

Tgt Ion:184 Resp: 117
Ion Ratio Lower Upper
184 100
63 446.3 46.3 69.5#
154 318.7 45.8 68.6#

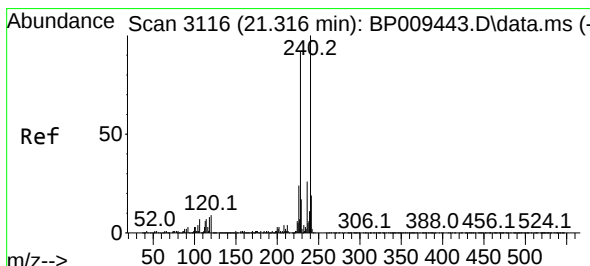
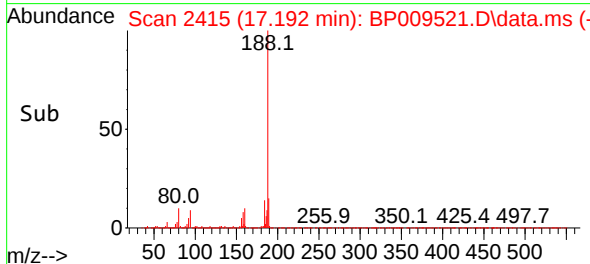
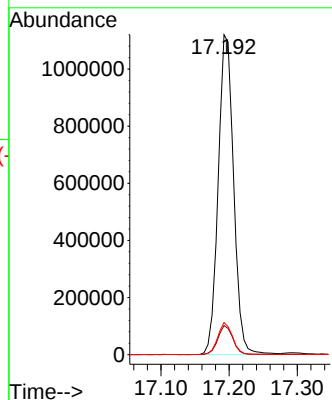
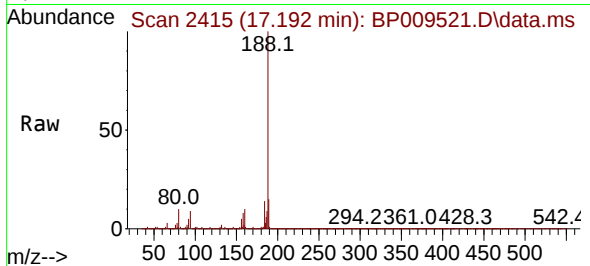




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

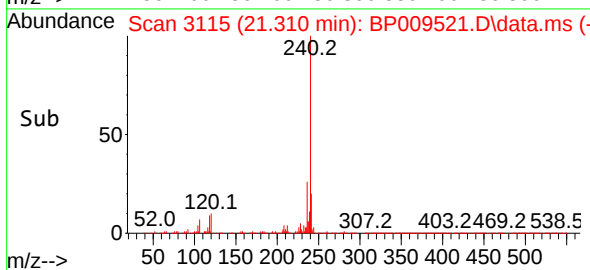
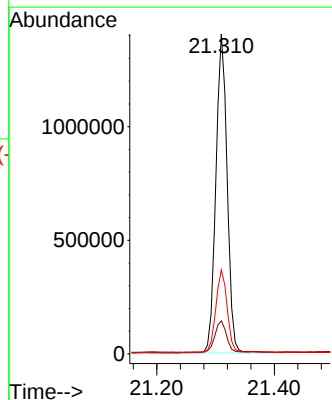
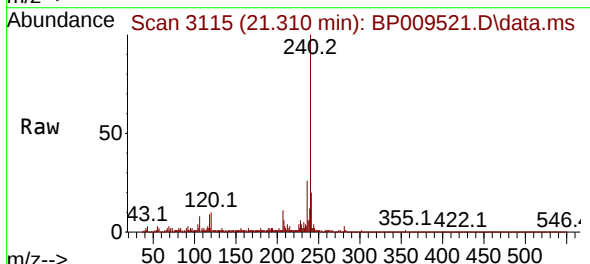
Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2

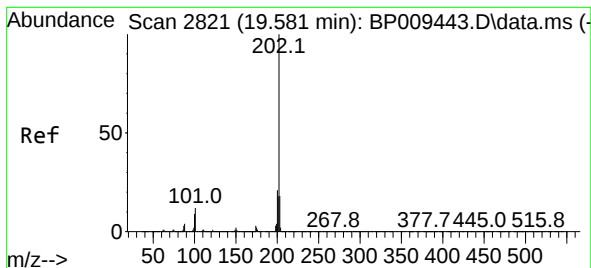
Tgt Ion:188 Resp: 1769550
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.1 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

Tgt Ion:240 Resp: 1869649
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 26.2 20.6 30.8





#78

Pyrene

Concen: 3.351 ng

RT: 19.569 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP009521.D

Acq: 23 Mar 2022 23:41

Instrument :

BNA_P

ClientSampleId :

CMP-B2-031822-0-2

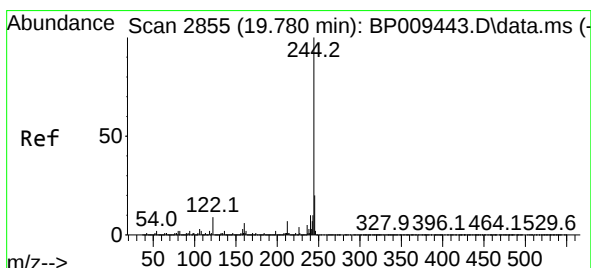
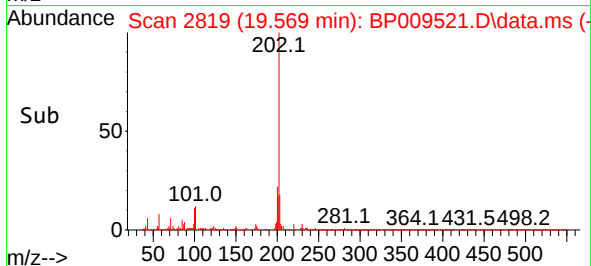
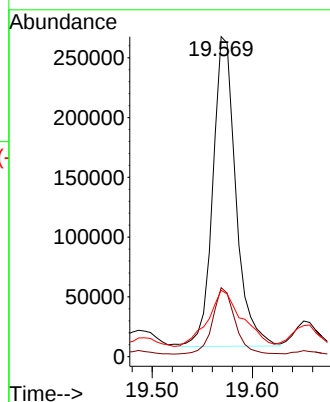
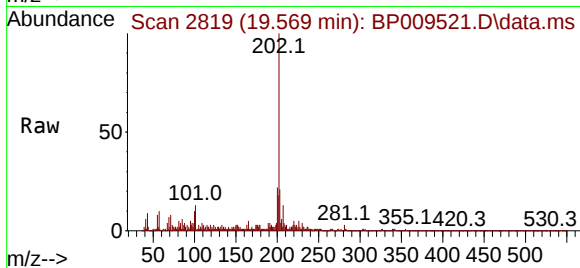
Tgt Ion:202 Resp: 412829

Ion Ratio Lower Upper

202 100

200 21.5 16.8 25.2

203 20.7 14.2 21.4



#79

Terphenyl-d14

Concen: 16.573 ng

RT: 19.769 min Scan# 2853

Delta R.T. -0.011 min

Lab File: BP009521.D

Acq: 23 Mar 2022 23:41

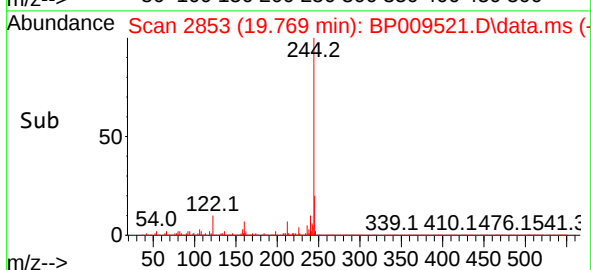
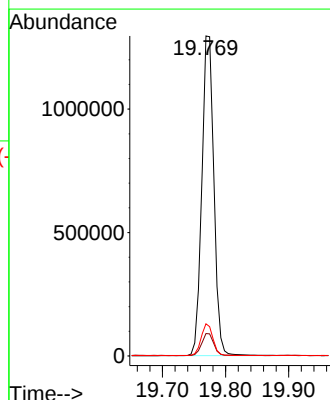
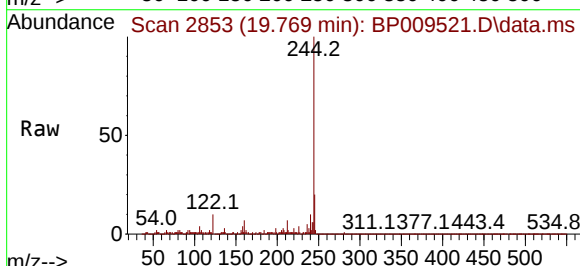
Tgt Ion:244 Resp: 1726353

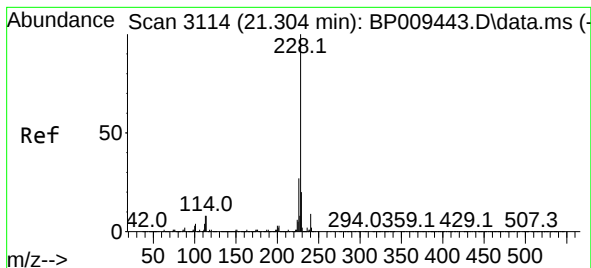
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.1 8.3 12.5





#81

Benzo(a)anthracene

Concen: 2.050 ng

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP009521.D

Acq: 23 Mar 2022 23:41

Instrument :

BNA_P

ClientSampleId :

CMP-B2-031822-0-2

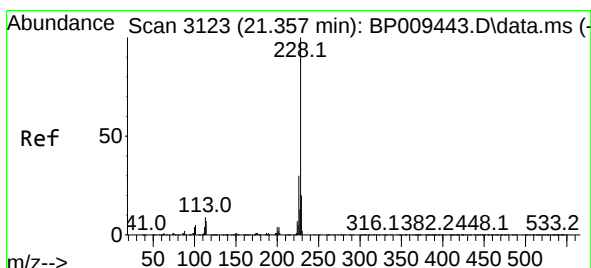
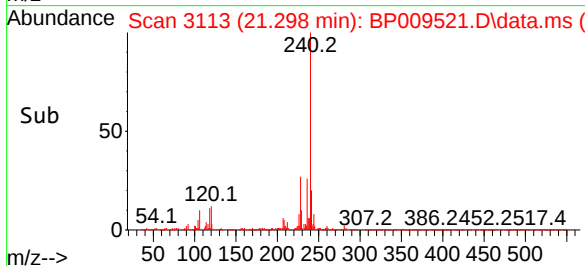
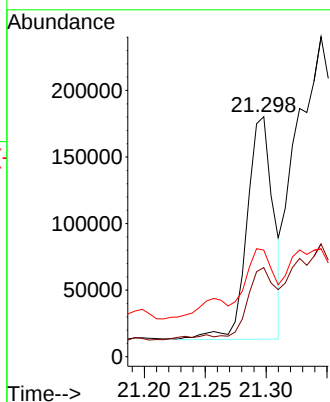
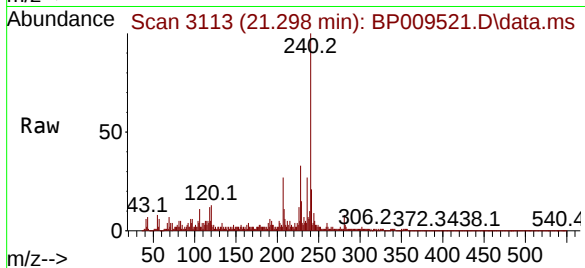
Tgt Ion:228 Resp: 251794

Ion Ratio Lower Upper

228 100

226 37.1 22.0 33.0#

229 44.4 16.1 24.1#



#83

Chrysene

Concen: 4.219 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP009521.D

Acq: 23 Mar 2022 23:41

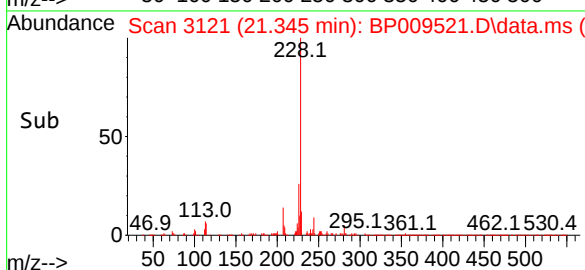
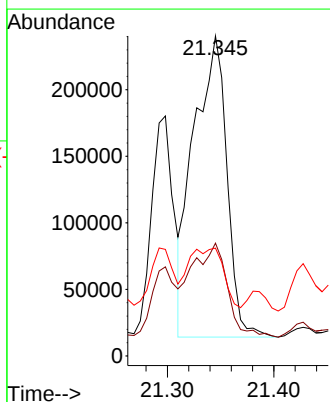
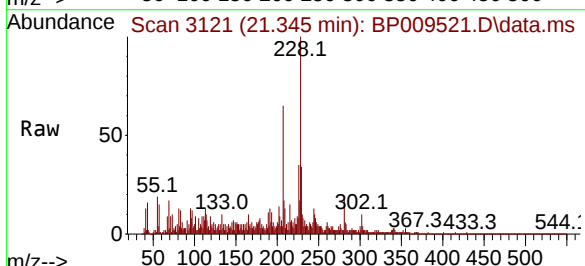
Tgt Ion:228 Resp: 490689

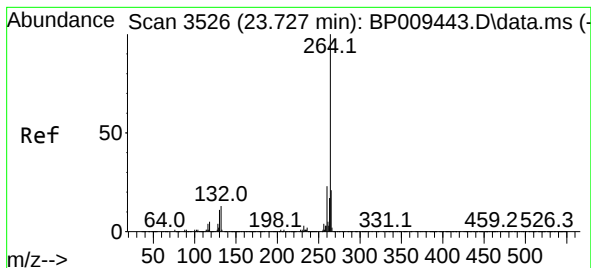
Ion Ratio Lower Upper

228 100

226 35.2 24.2 36.2

229 33.7 16.1 24.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009521.D

Acq: 23 Mar 2022 23:41

Instrument :

BNA_P

ClientSampleId :

CMP-B2-031822-0-2

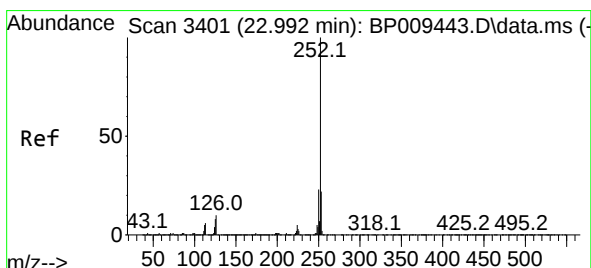
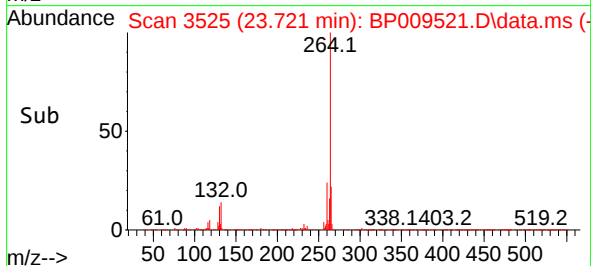
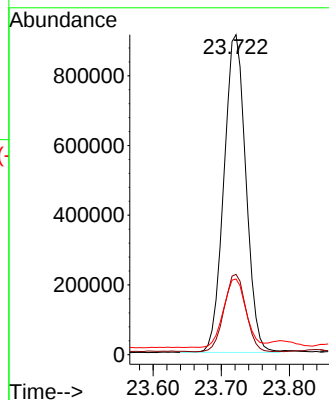
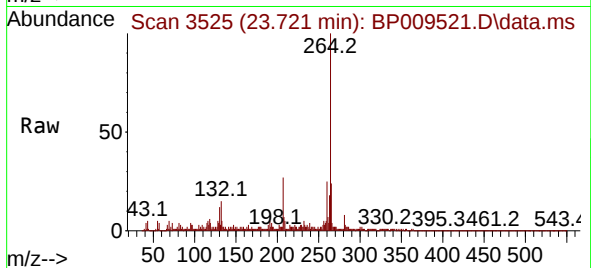
Tgt Ion:264 Resp: 2045183

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.0

265 23.7 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.475 ng

RT: 22.986 min Scan# 3400

Delta R.T. 0.000 min

Lab File: BP009521.D

Acq: 23 Mar 2022 23:41

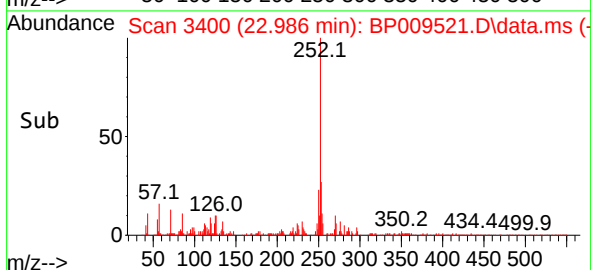
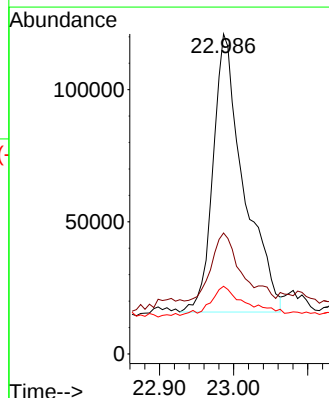
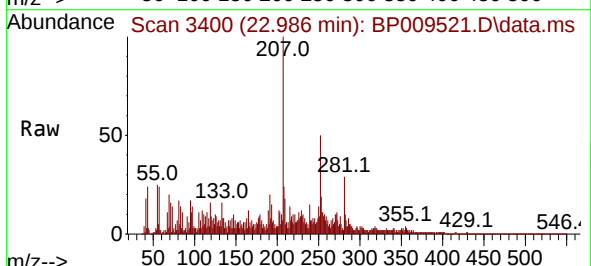
Tgt Ion:252 Resp: 302148

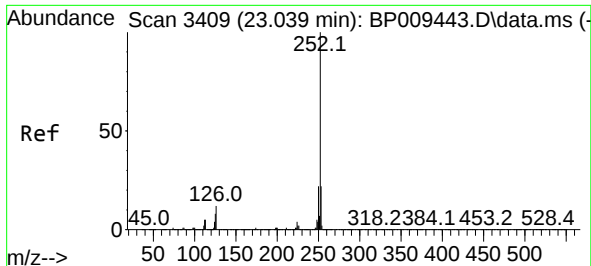
Ion Ratio Lower Upper

252 100

253 37.8 17.8 26.8#

125 21.1 8.1 12.1#

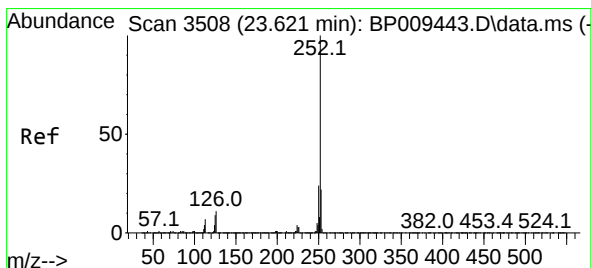
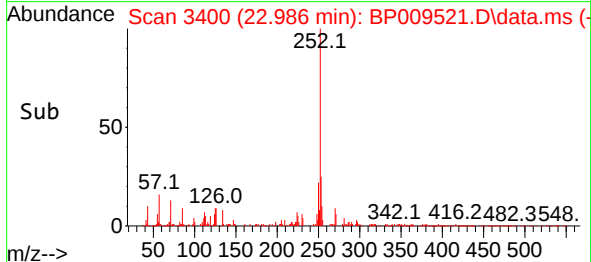
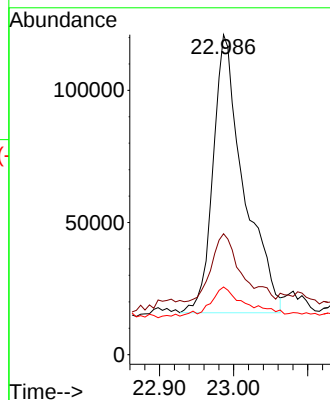
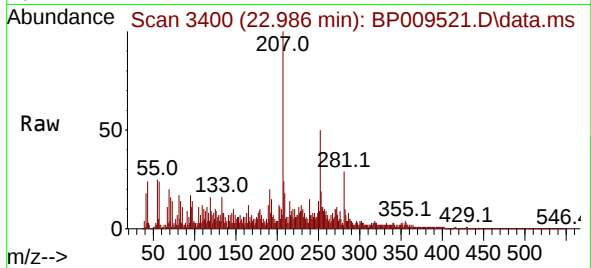




#89
Benzo(k)fluoranthene
Concen: 2.528 ng
RT: 22.986 min Scan# 3409
Delta R.T. -0.053 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

Instrument :
BNA_P
ClientSampleId :
CMP-B2-031822-0-2

Tgt Ion:252 Resp: 302148
Ion Ratio Lower Upper
252 100
253 37.8 17.5 26.3#
125 21.1 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.676 ng
RT: 23.610 min Scan# 3506
Delta R.T. 0.000 min
Lab File: BP009521.D
Acq: 23 Mar 2022 23:41

Tgt Ion:252 Resp: 279571
Ion Ratio Lower Upper
252 100
253 32.4 17.8 26.6#
125 19.8 9.3 13.9#

