

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012522\
 Data File : BP008912.D
 Acq On : 25 Jan 2022 17:42
 Operator : CG/JU
 Sample : N1245-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3(3-3.5)

Quant Time: Jan 26 01:58:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 26 01:52:51 2022
 Response via : Initial Calibration

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

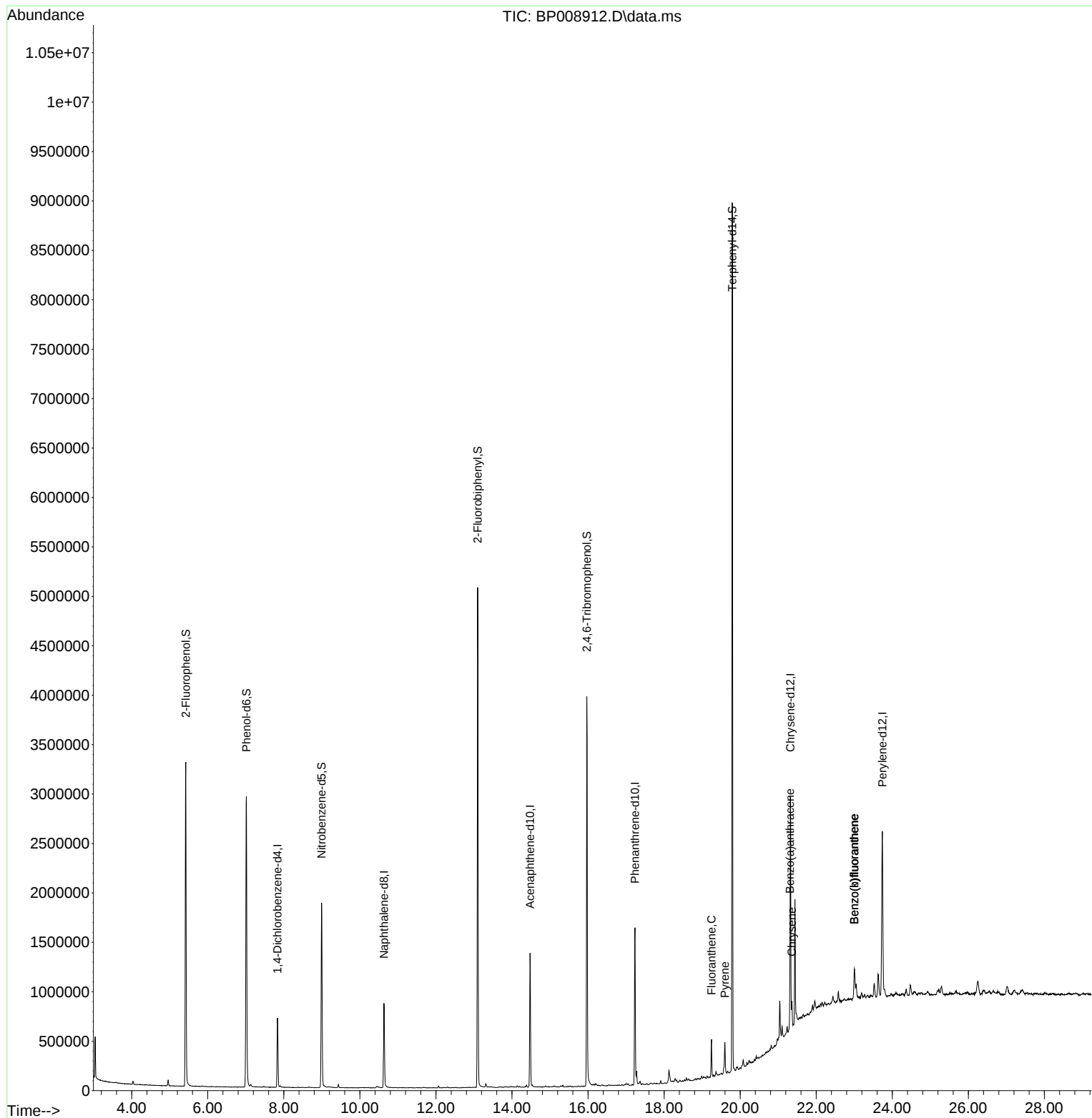
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	214441	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	787676	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	494566	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	1024634	20.000	ng	0.00
76) Chrysene-d12	21.322	240	1113980	20.000	ng	-0.01
86) Perylene-d12	23.739	264	1286957	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1599109	115.318	ng	0.00
7) Phenol-d6	7.016	99	1935434	115.259	ng	0.00
23) Nitrobenzene-d5	8.993	82	1166438	84.074	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	868759	120.679	ng	-0.01
45) 2-Fluorobiphenyl	13.098	172	2801537	74.702	ng	0.00
79) Terphenyl-d14	19.792	244	4187729	63.454	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.245	202	217429	3.389	ng	97
78) Pyrene	19.598	202	203603	2.619	ng	98
81) Benzo(a)anthracene	21.310	228	171458	2.288	ng	99
83) Chrysene	21.357	228	157484	2.168	ng	98
88) Benzo(b)fluoranthene	23.004	252	231153	2.690	ng	# 95
89) Benzo(k)fluoranthene	23.004	252	231153	2.778	ng	96

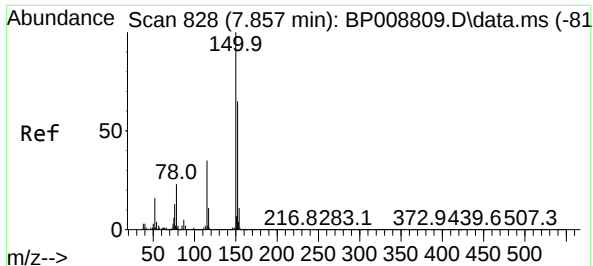
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-3(3-3.5)

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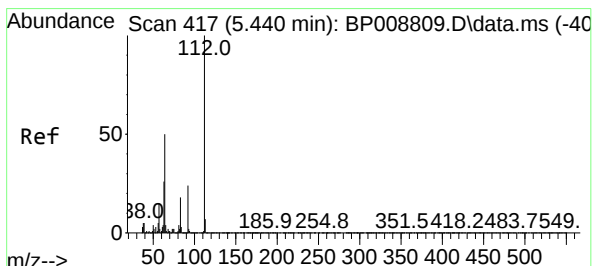
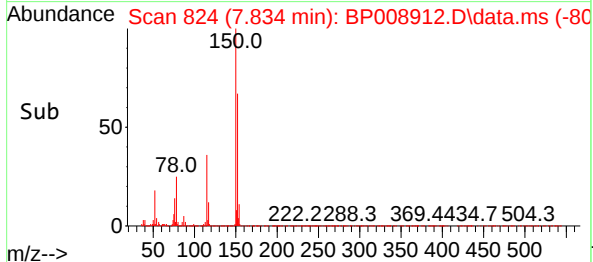
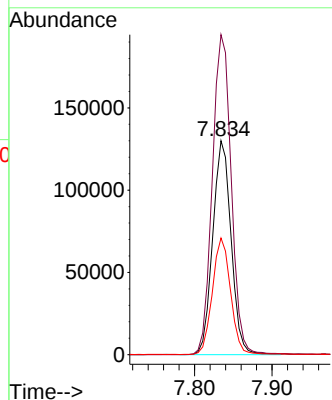
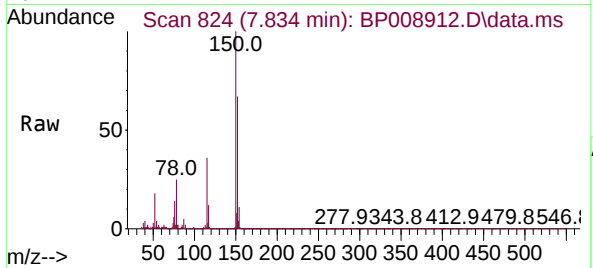




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

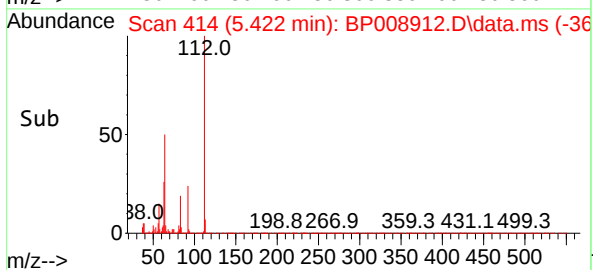
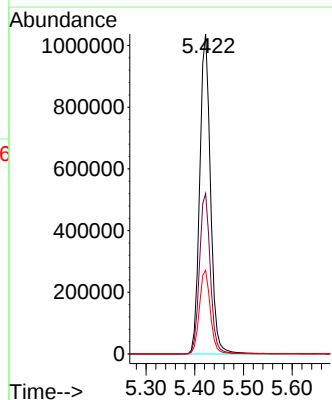
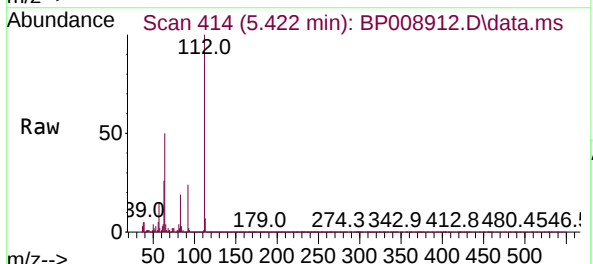
Instrument :
BNA_P
ClientSampleId :
SB-3(3-3.5)

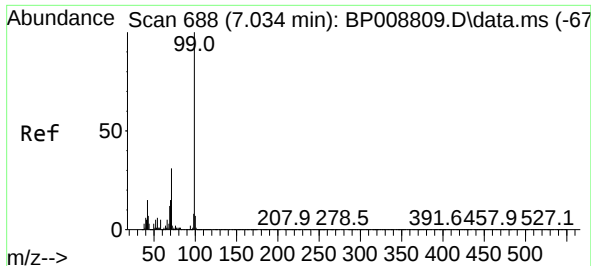
Tgt Ion:152 Resp: 214441
Ion Ratio Lower Upper
152 100
150 149.6 127.0 190.6
115 54.6 43.7 65.5



#5
2-Fluorophenol
Concen: 115.318 ng
RT: 5.422 min Scan# 414
Delta R.T. -0.006 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

Tgt Ion:112 Resp: 1599109
Ion Ratio Lower Upper
112 100
64 50.1 39.7 59.5
63 26.2 20.0 30.0

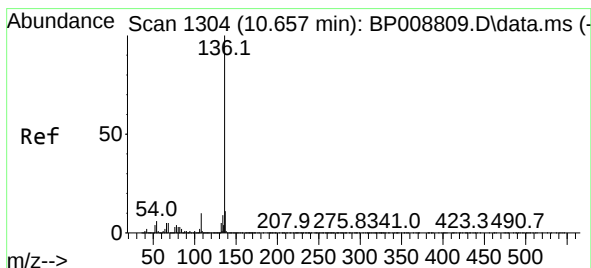
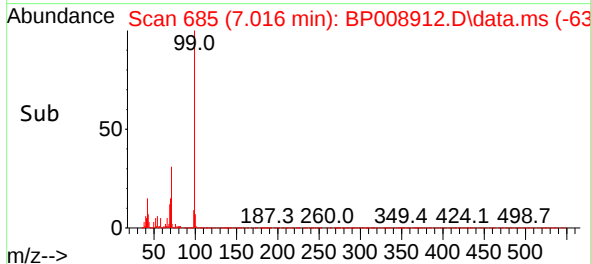
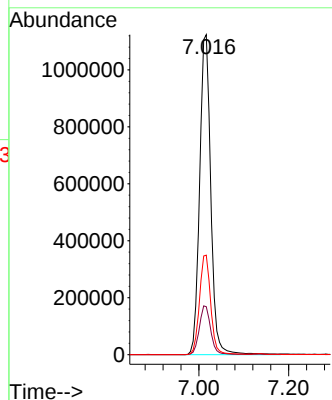
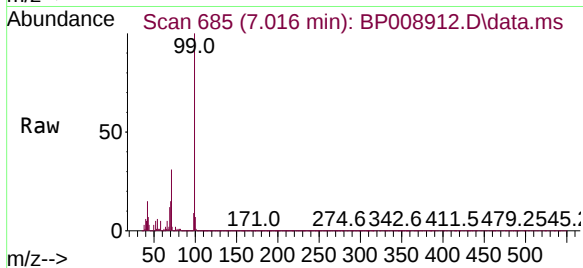




#7
Phenol-d6
Concen: 115.259 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

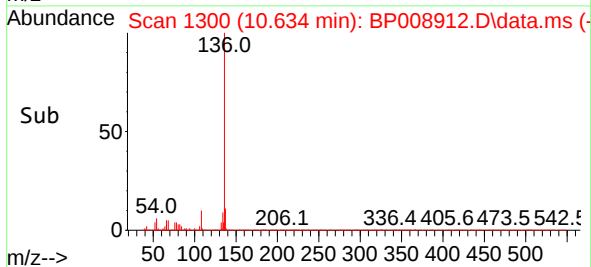
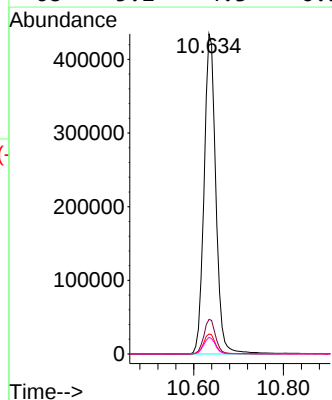
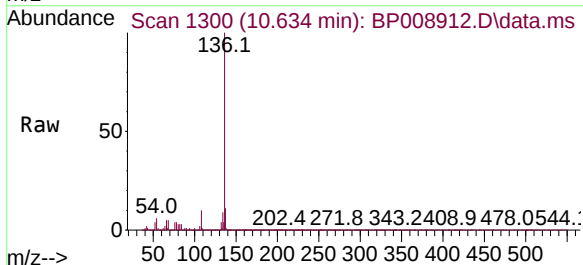
Instrument :
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ClientSampleId :
SB-3(3-3.5)

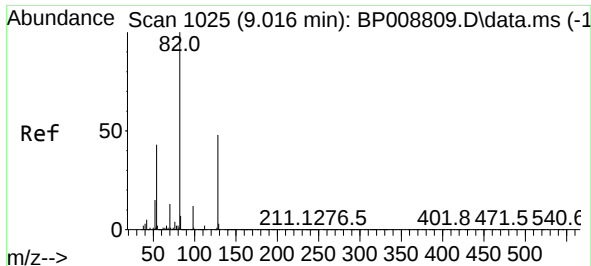
Tgt Ion: 99 Resp: 1935434
Ion Ratio Lower Upper
99 100
42 15.0 10.8 16.2
71 31.1 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

Tgt Ion: 136 Resp: 787676
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.3 4.9 7.3
68 5.2 4.3 6.5

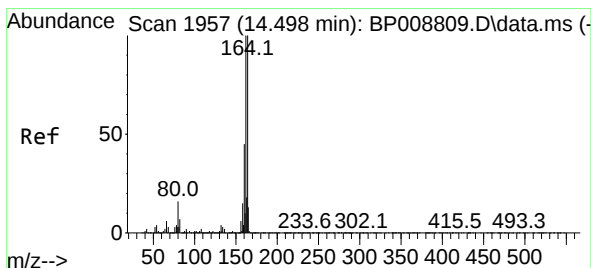
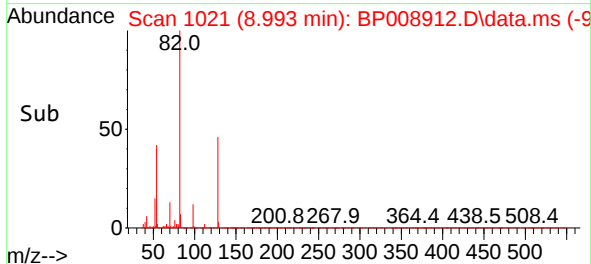
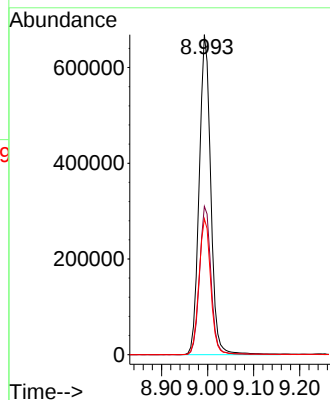
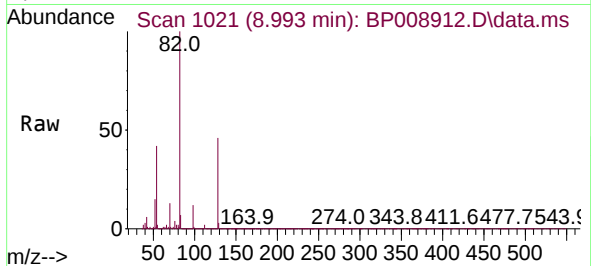




#23
Nitrobenzene-d5
Concen: 84.074 ng
RT: 8.993 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

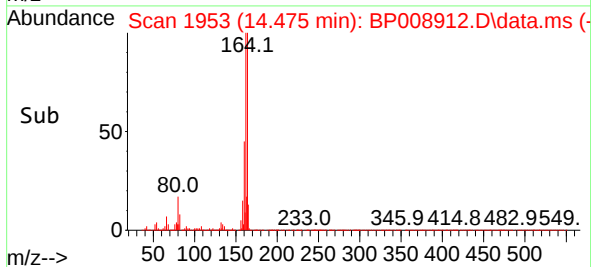
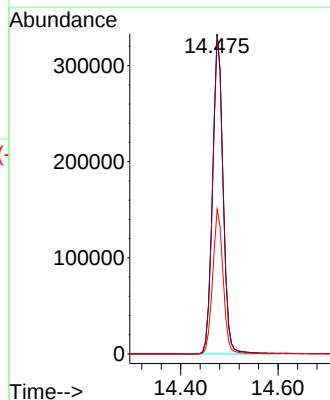
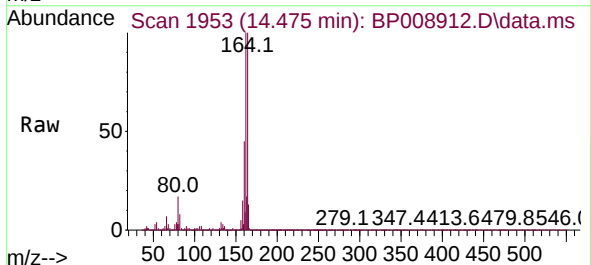
Instrument :
BNA_P
ClientSampleId :
SB-3(3-3.5)

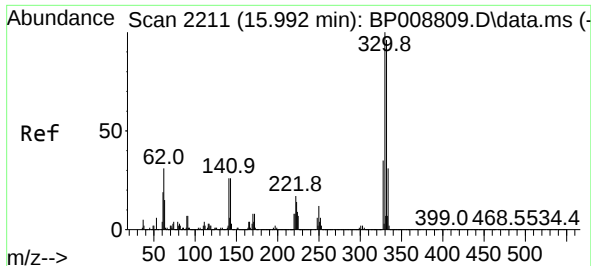
Tgt Ion: 82 Resp: 1166438
Ion Ratio Lower Upper
82 100
128 46.3 39.4 59.2
54 42.5 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

Tgt Ion:164 Resp: 494566
Ion Ratio Lower Upper
164 100
162 100.0 79.9 119.9
160 45.2 35.5 53.3

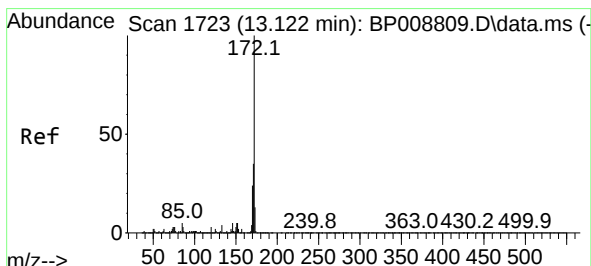
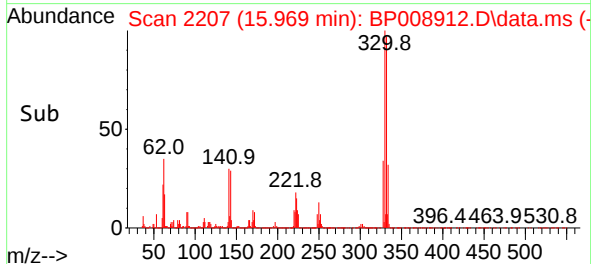
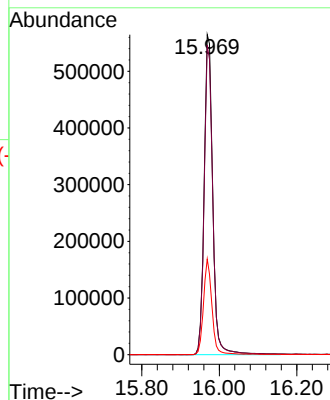
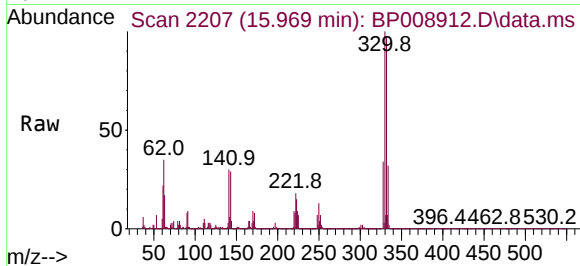




#42
2,4,6-Tribromophenol
Concen: 120.679 ng
RT: 15.969 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

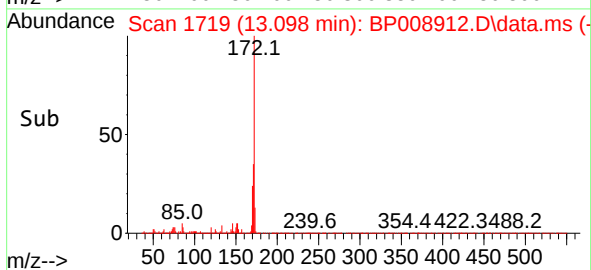
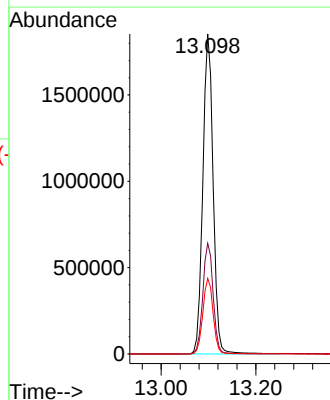
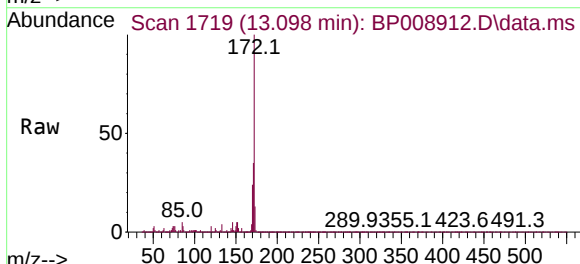
Instrument :
BNA_P
ClientSampleId :
SB-3(3-3.5)

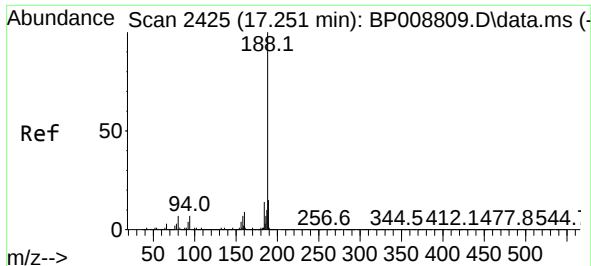
Tgt Ion:330 Resp: 868759
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 29.3 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 74.702 ng
RT: 13.098 min Scan# 1719
Delta R.T. -0.006 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

Tgt Ion:172 Resp: 2801537
Ion Ratio Lower Upper
172 100
171 34.6 29.3 43.9
170 23.6 19.5 29.3

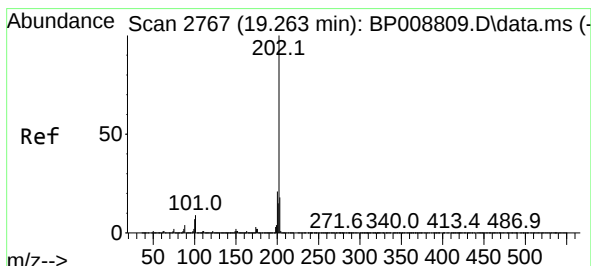
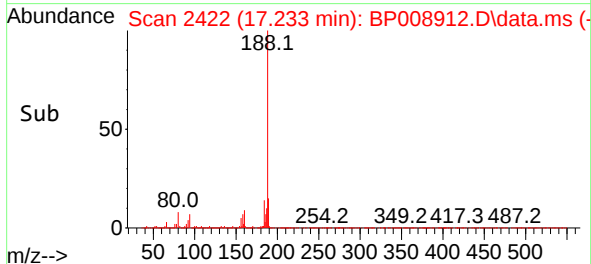
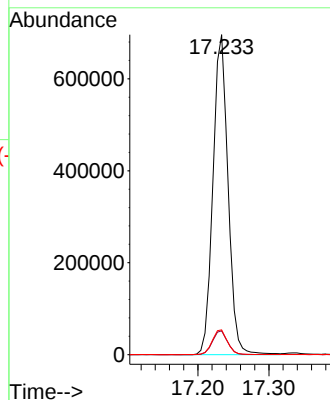
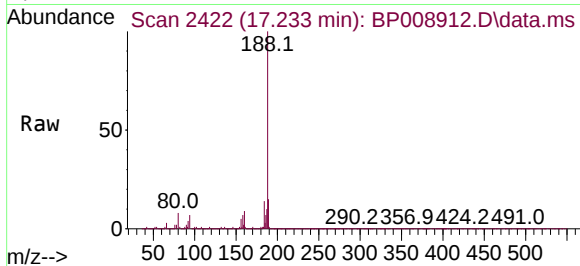




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

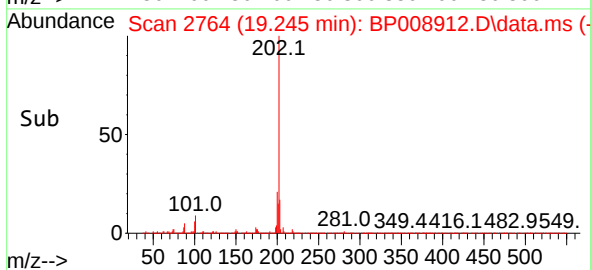
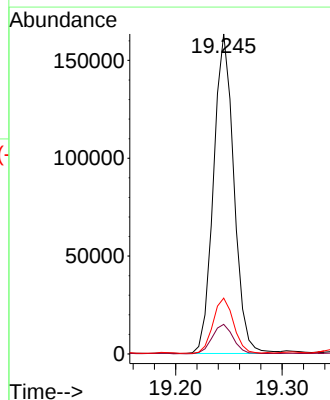
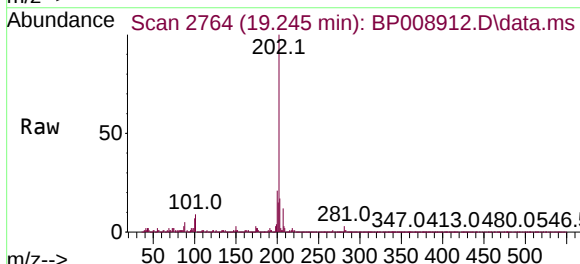
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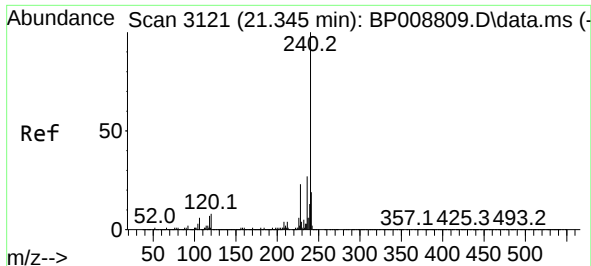
Tgt Ion:188 Resp: 1024634
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.7 7.2 10.8



#75
Fluoranthene
Concen: 3.389 ng
RT: 19.245 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

Tgt Ion:202 Resp: 217429
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.7
203 17.5 0.0 38.9

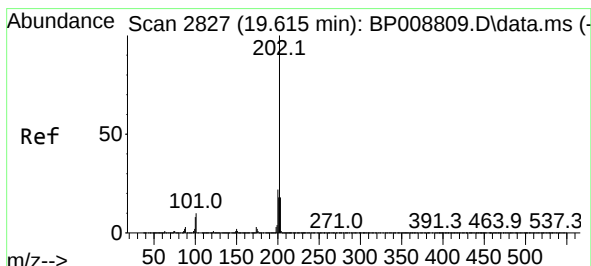
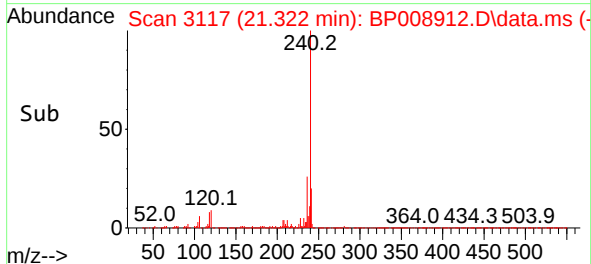
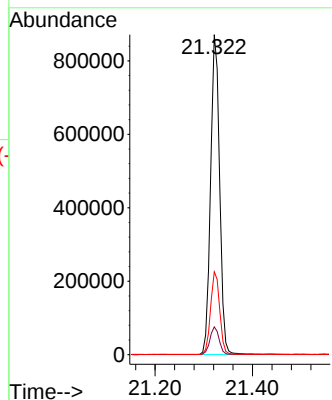
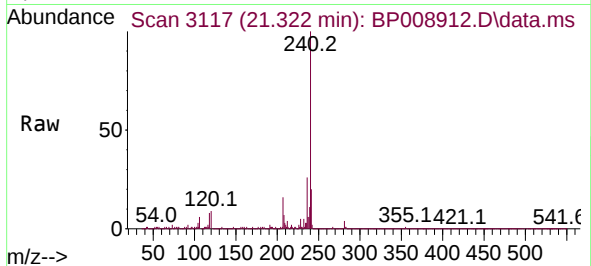




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

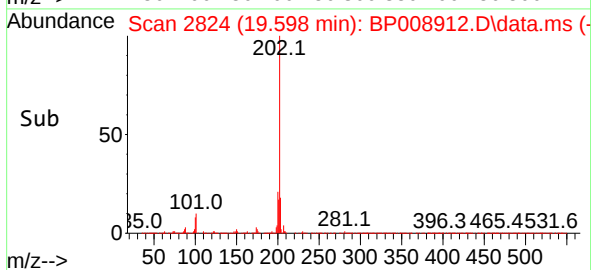
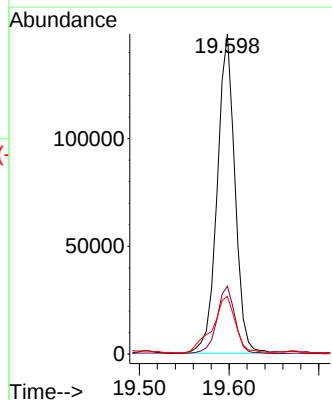
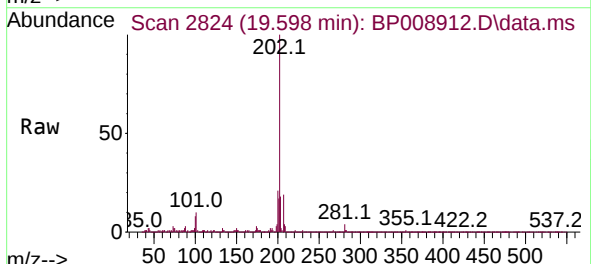
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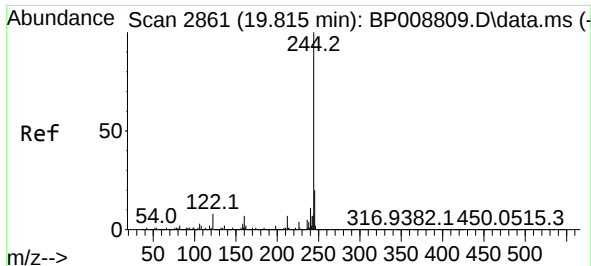
Tgt Ion:240 Resp: 1113980
Ion Ratio Lower Upper
240 100
120 8.7 7.7 11.5
236 25.9 21.2 31.8



#78
Pyrene
Concen: 2.619 ng
RT: 19.598 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

Tgt Ion:202 Resp: 203603
Ion Ratio Lower Upper
202 100
200 21.2 18.0 27.0
203 18.0 15.0 22.6

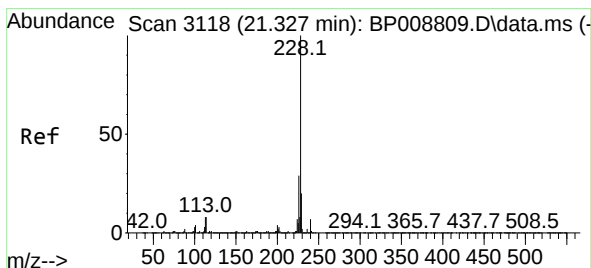
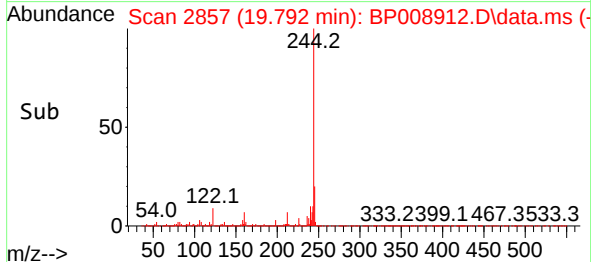
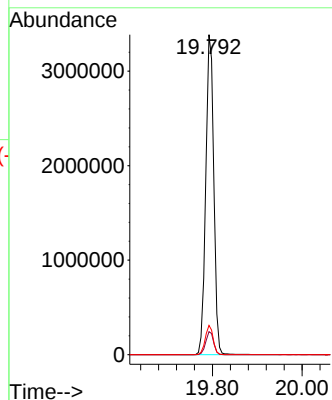
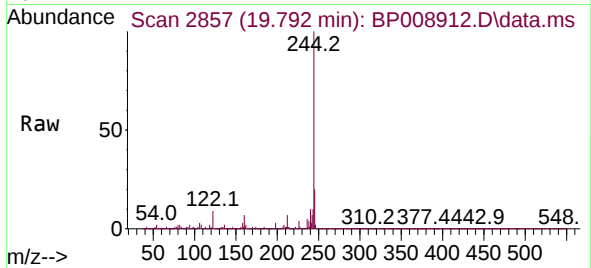




#79
 Terphenyl-d14
 Concen: 63.454 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42

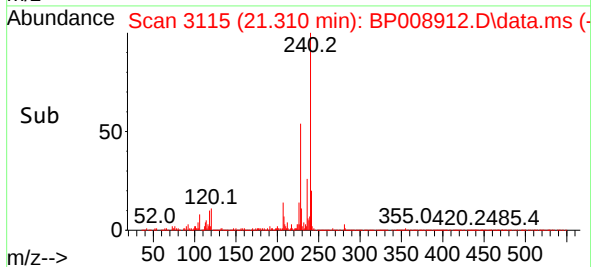
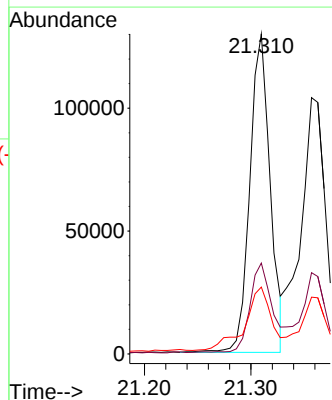
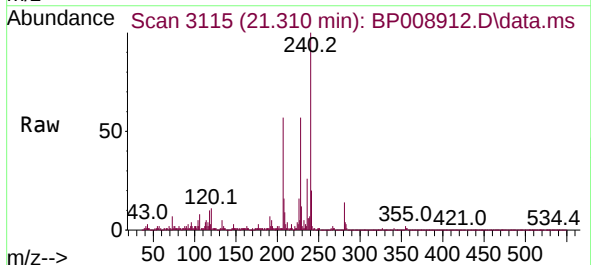
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 SB-3(3-3.5)

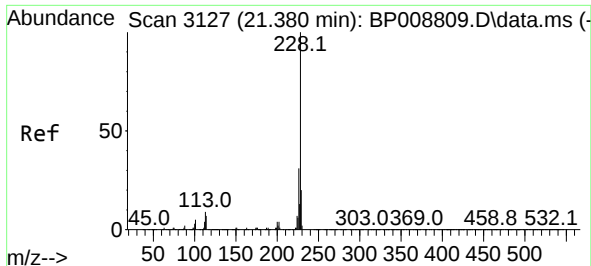
Tgt Ion:244 Resp: 4187729
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 9.1 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 2.288 ng
 RT: 21.310 min Scan# 3115
 Delta R.T. -0.012 min
 Lab File: BP008912.D
 Acq: 25 Jan 2022 17:42

Tgt Ion:228 Resp: 171458
 Ion Ratio Lower Upper
 228 100
 226 28.4 23.3 34.9
 229 20.9 17.0 25.6





#83

Chrysene

Concen: 2.168 ng

RT: 21.357 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BP008912.D

Acq: 25 Jan 2022 17:42

Instrument :

BNA_P

ClientSampleId :

SB-3(3-3.5)

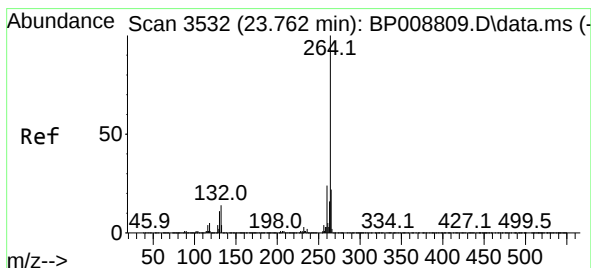
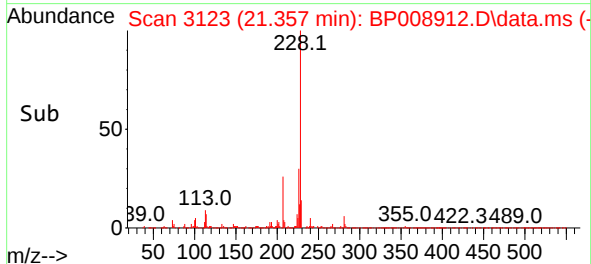
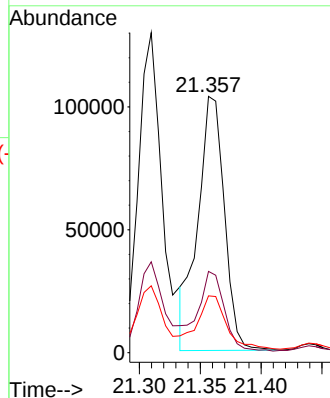
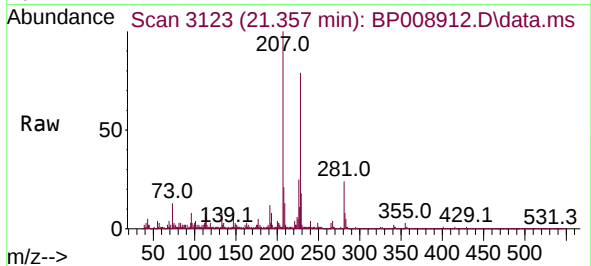
Tgt Ion:228 Resp: 157484

Ion Ratio Lower Upper

228 100

226 31.7 26.0 39.0

229 22.2 16.9 25.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 3528

Delta R.T. -0.012 min

Lab File: BP008912.D

Acq: 25 Jan 2022 17:42

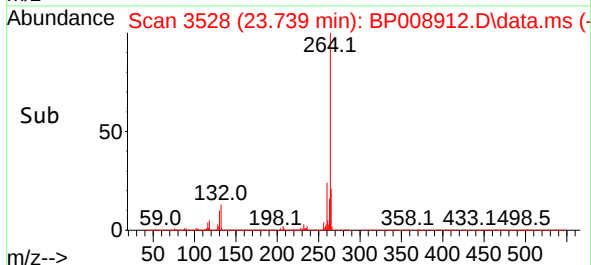
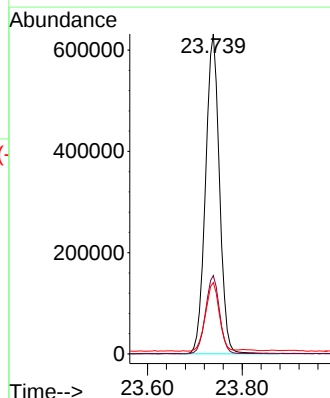
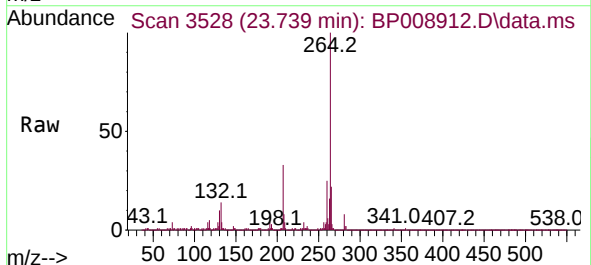
Tgt Ion:264 Resp: 1286957

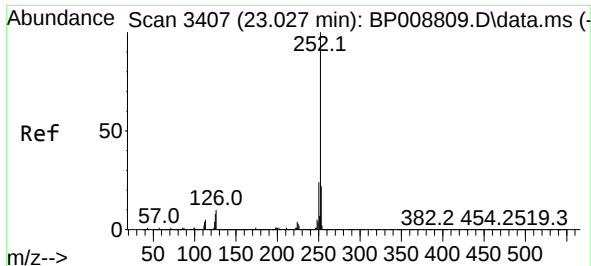
Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.3 17.1 25.7

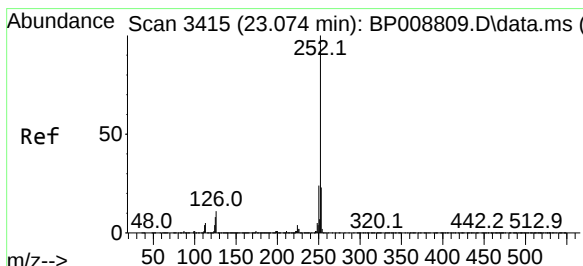
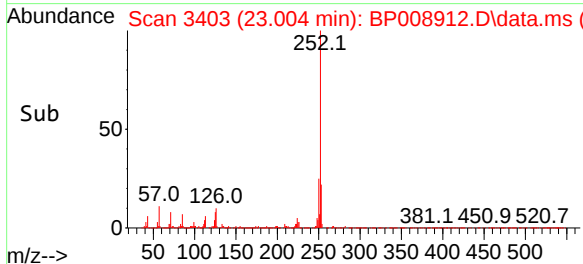
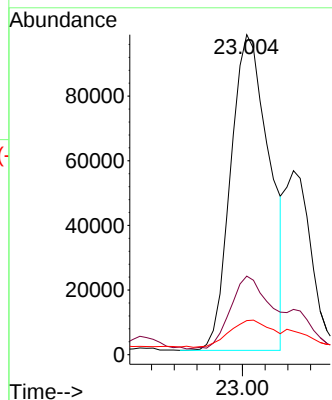
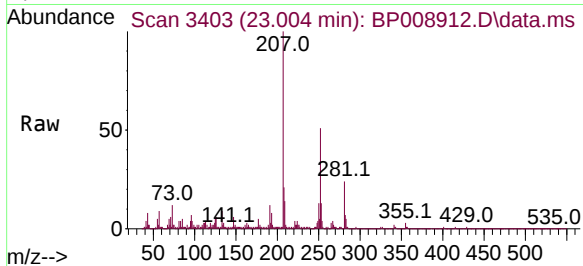




#88
Benzo(b)fluoranthene
Concen: 2.690 ng
RT: 23.004 min Scan# 3403
Delta R.T. -0.012 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

Instrument :
BNA_P
ClientSampleId :
SB-3(3-3.5)

Tgt Ion:252 Resp: 231153
Ion Ratio Lower Upper
252 100
253 24.6 18.0 27.0
125 10.7 6.9 10.3#



#89
Benzo(k)fluoranthene
Concen: 2.778 ng
RT: 23.004 min Scan# 3403
Delta R.T. -0.059 min
Lab File: BP008912.D
Acq: 25 Jan 2022 17:42

Tgt Ion:252 Resp: 231153
Ion Ratio Lower Upper
252 100
253 24.6 18.2 27.2
125 10.7 7.3 10.9

