

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011222\
 Data File : BP008772.D
 Acq On : 12 Jan 2022 14:07
 Operator : CG/JU
 Sample : N1097-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2S

Quant Time: Jan 12 16:21:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 12 00:18:56 2022
 Response via : Initial Calibration

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

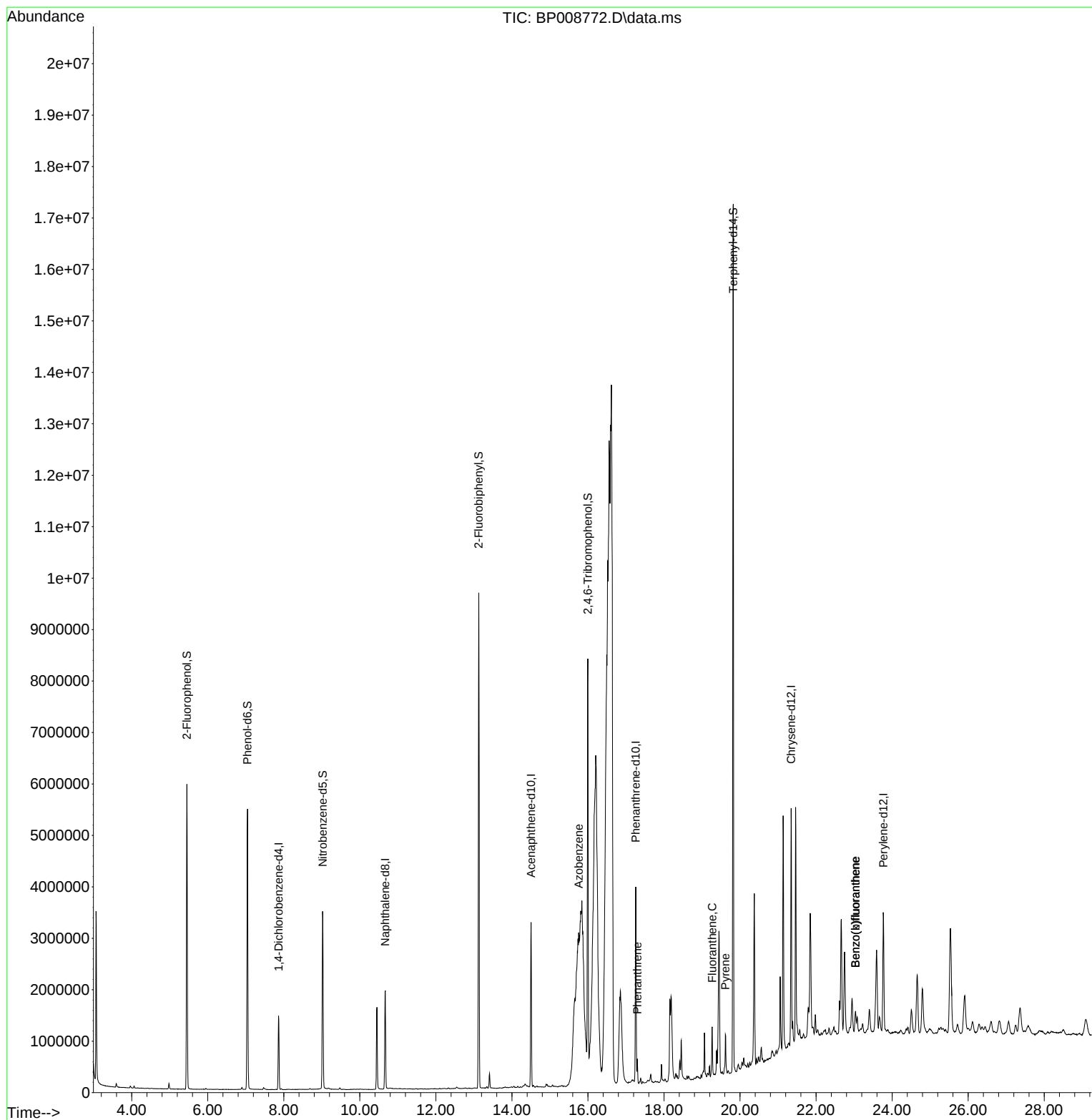
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	426390	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	1706180	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	1163040	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2407490	20.000	ng	0.00
76) Chrysene-d12	21.345	240	2230378	20.000	ng	0.00
86) Perylene-d12	23.768	264	1817133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	2772487	101.823	ng	0.00
7) Phenol-d6	7.046	99	3421894	93.615	ng	0.00
23) Nitrobenzene-d5	9.022	82	2087118	69.277	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	1718037	87.558	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	5397131	65.241	ng	0.00
79) Terphenyl-d14	19.822	244	8373628	76.508	ng	0.00
Target Compounds						
					Qvalue	
63) Azobenzene	15.757	77	387839	5.521	ng	# 1
71) Phenanthrene	17.298	178	286780	2.144	ng	98
75) Fluoranthene	19.269	202	482886	3.015	ng	97
78) Pyrene	19.616	202	478673	3.282	ng	97
88) Benzo(b)fluoranthene	23.033	252	259147	2.183	ng	# 93
89) Benzo(k)fluoranthene	23.033	252	259147	2.332	ng	# 94

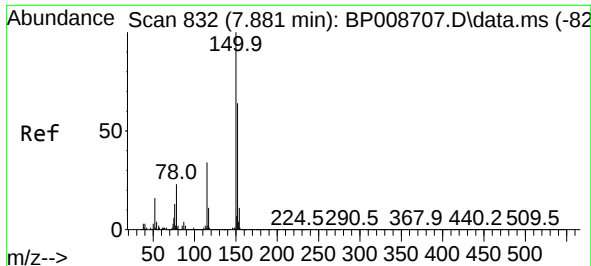
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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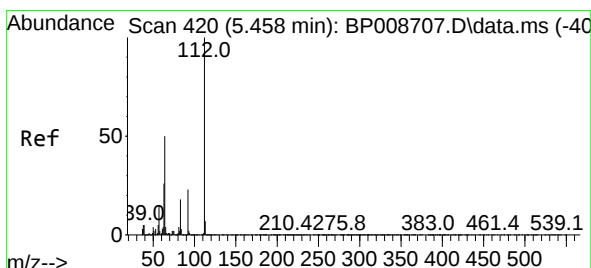
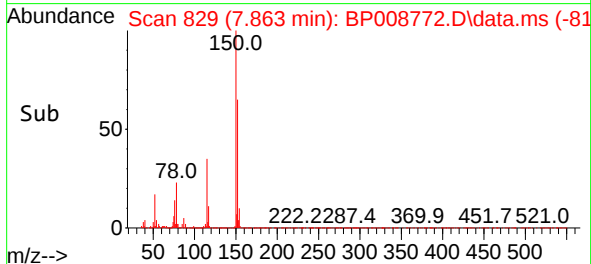
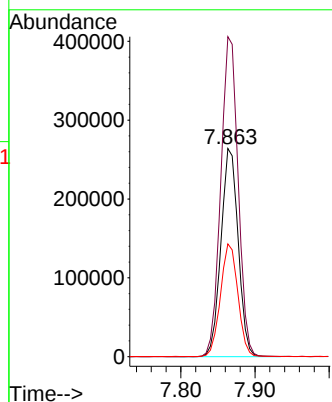
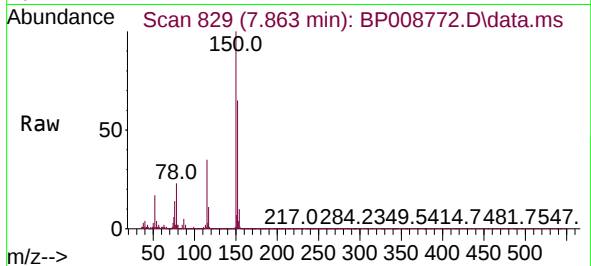




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

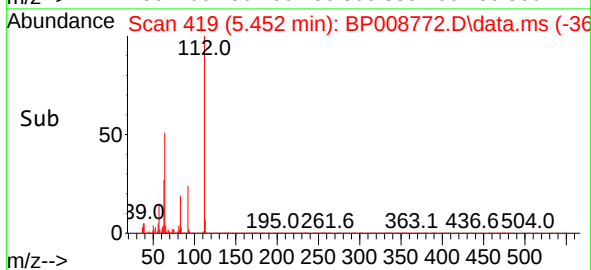
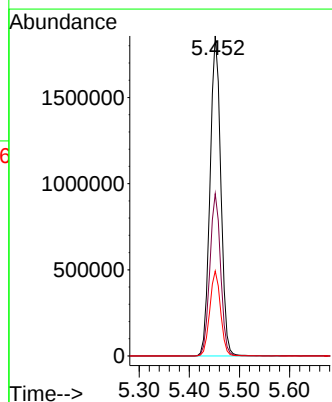
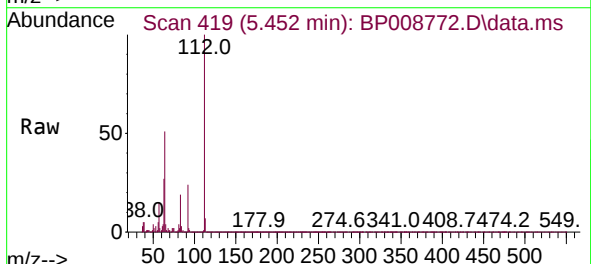
Instrument :
BNA_P
ClientSampleId :
TP-2S

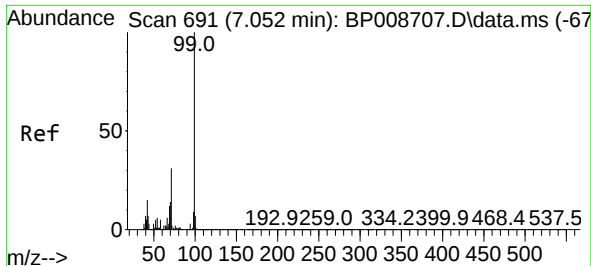
Tgt Ion:152 Resp: 426390
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.6
115 54.2 43.7 65.5



#5
2-Fluorophenol
Concen: 101.823 ng
RT: 5.452 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion:112 Resp: 2772487
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 26.6 20.0 30.0



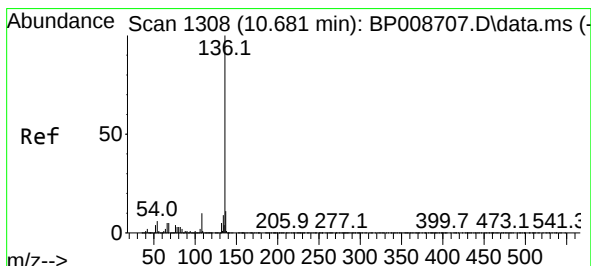
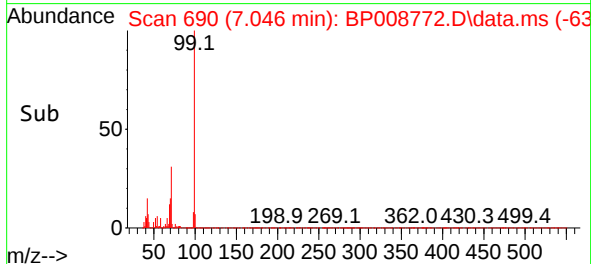
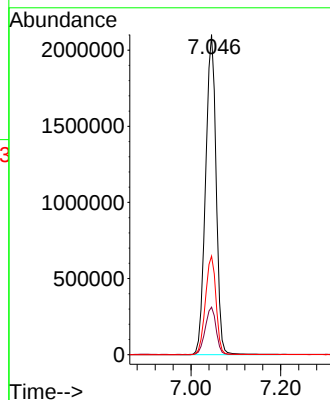
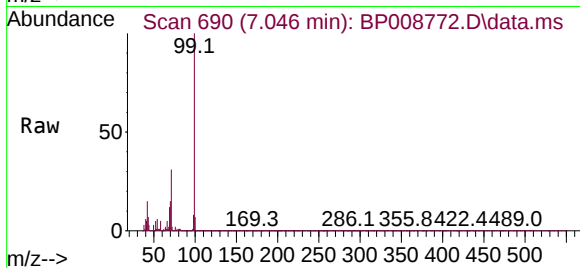


#7
Phenol-d6
Concen: 93.615 ng
RT: 7.046 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Instrument :
BNA_P
ClientSampleId :
TP-2S

Tgt Ion: 99 Resp: 3421894

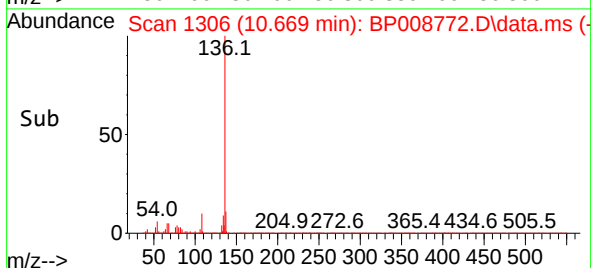
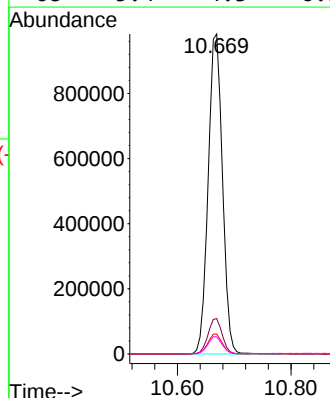
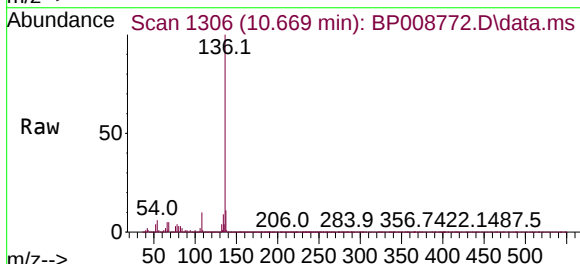
Ion	Ratio	Lower	Upper
99	100		
42	14.9	10.8	16.2
71	30.8	23.8	35.6

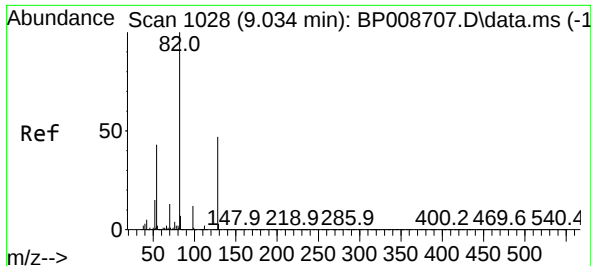


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion: 136 Resp: 1706180

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.2	4.9	7.3
68	5.4	4.3	6.5





#23

Nitrobenzene-d5

Concen: 69.277 ng

RT: 9.022 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BP008772.D

Acq: 12 Jan 2022 14:07

Instrument :

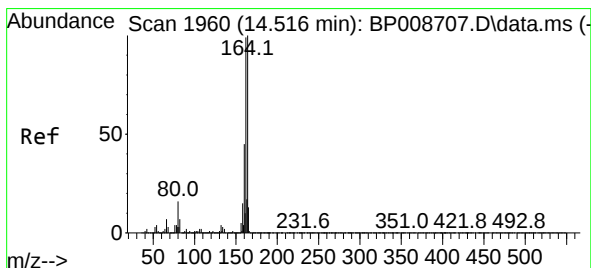
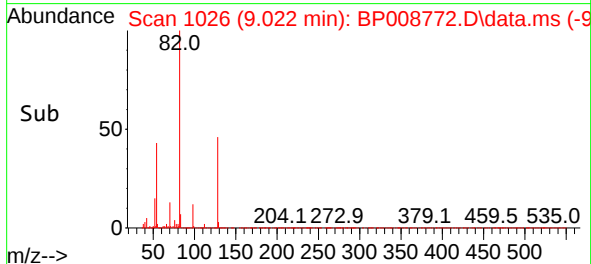
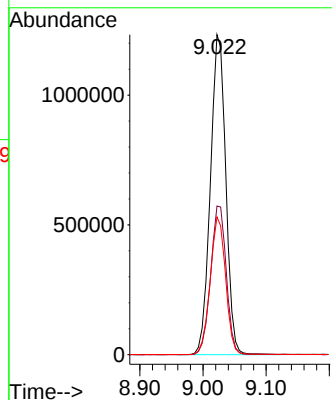
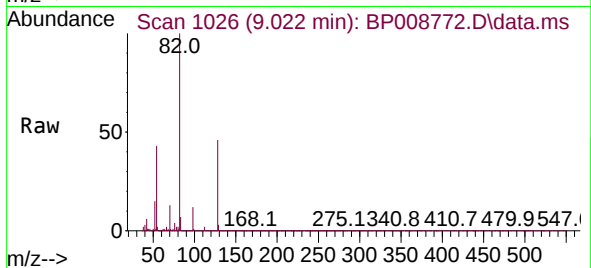
BNA_P

ClientSampleId :

TP-2S

Tgt Ion: 82 Resp: 2087118

Ion	Ratio	Lower	Upper
82	100		
128	46.5	39.4	59.2
54	43.1	32.6	48.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1958

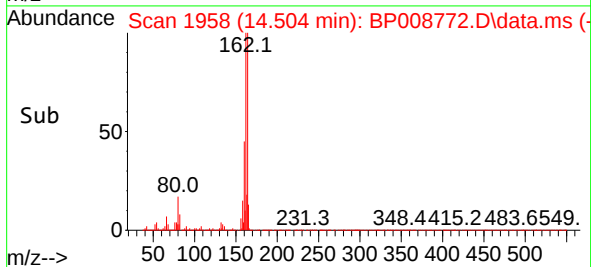
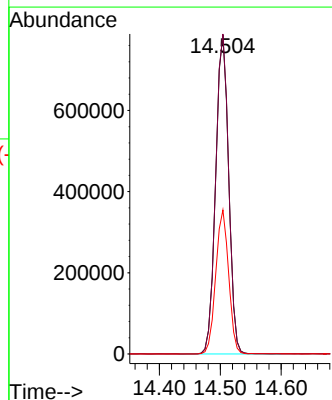
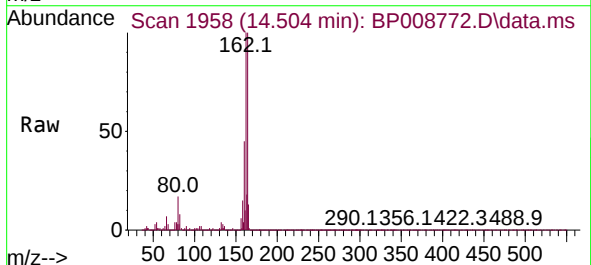
Delta R.T. -0.000 min

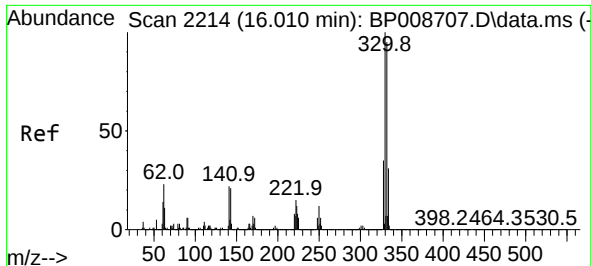
Lab File: BP008772.D

Acq: 12 Jan 2022 14:07

Tgt Ion: 164 Resp: 1163040

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.9	119.9
160	45.2	35.5	53.3

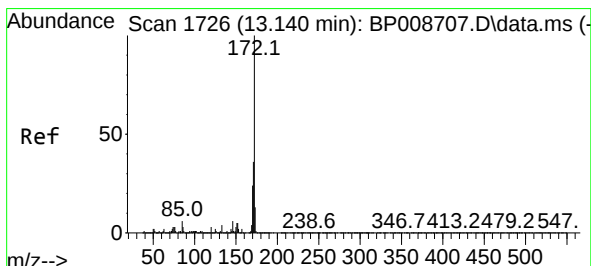
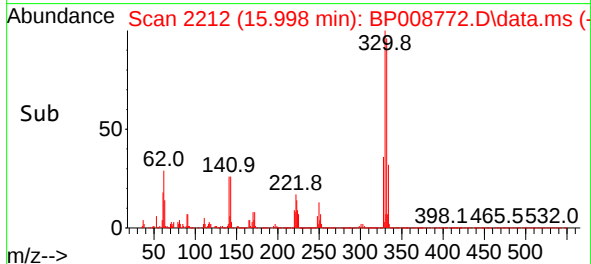
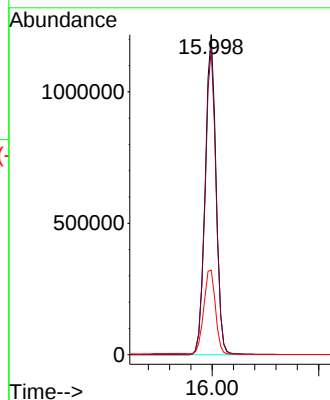
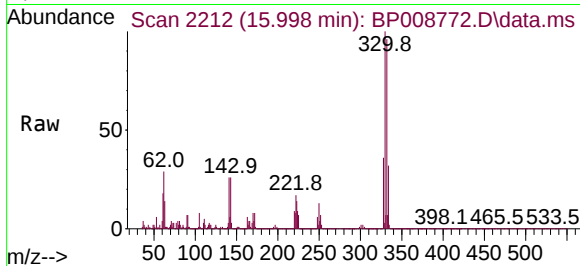




#42
2,4,6-Tribromophenol
Concen: 87.558 ng
RT: 15.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

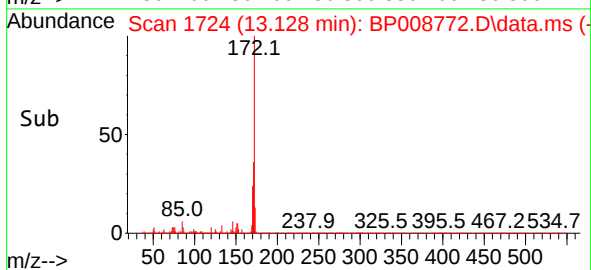
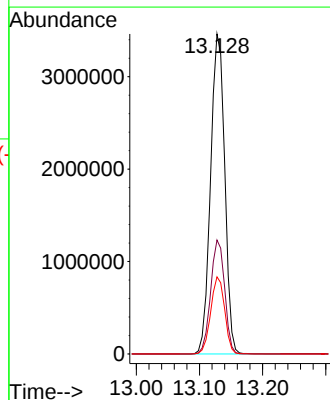
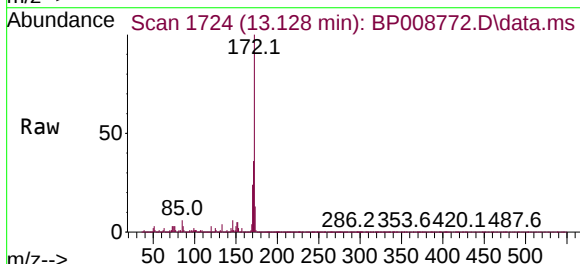
Instrument :
BNA_P
ClientSampleId :
TP-2S

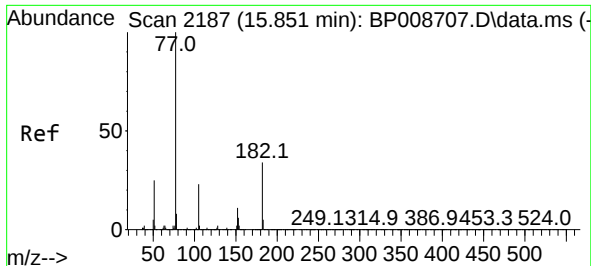
Tgt Ion:330 Resp: 1718037
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 28.5 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 65.241 ng
RT: 13.128 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion:172 Resp: 5397131
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 24.1 19.5 29.3

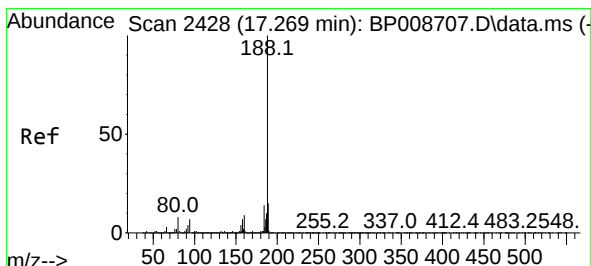
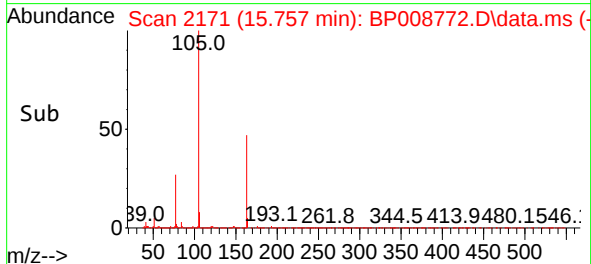
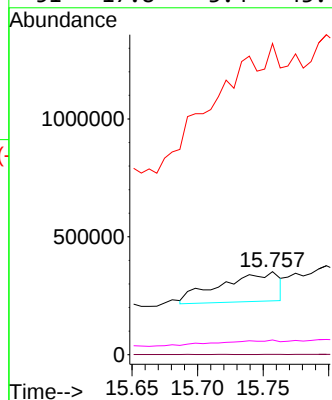
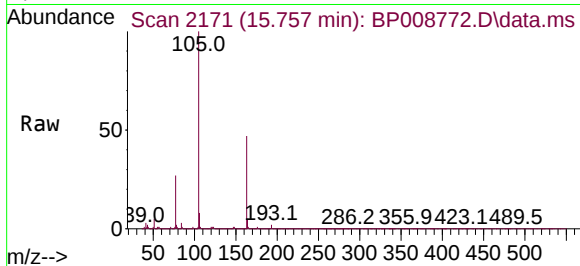




#63
Azobenzene
Concen: 5.521 ng
RT: 15.757 min Scan# 2187
Delta R.T. -0.088 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

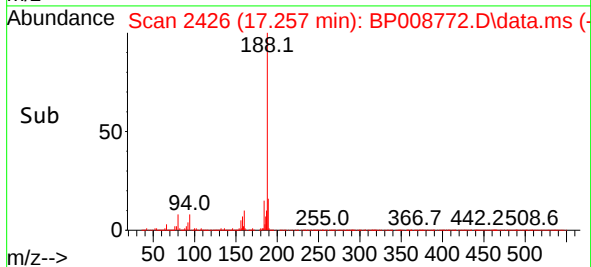
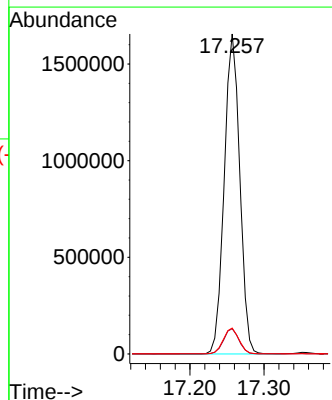
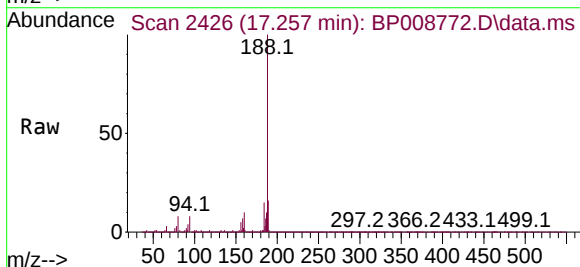
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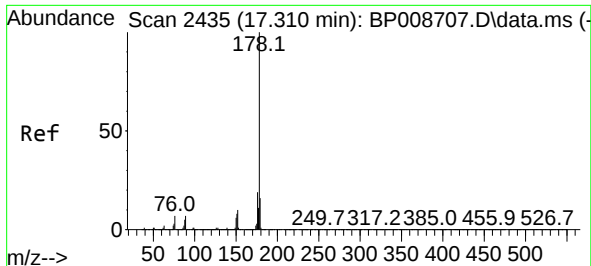
Tgt Ion: 77 Resp: 387839
Ion Ratio Lower Upper
77 100
182 0.3 15.3 55.3#
105 374.4 3.2 43.2#
51 17.8 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion: 188 Resp: 2407490
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.1 7.2 10.8

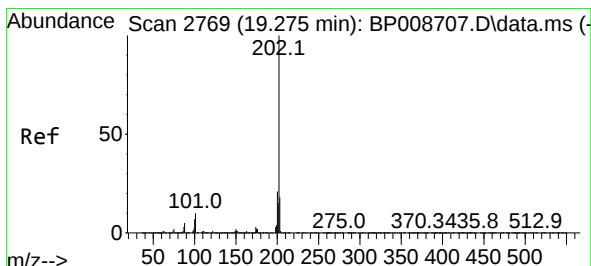
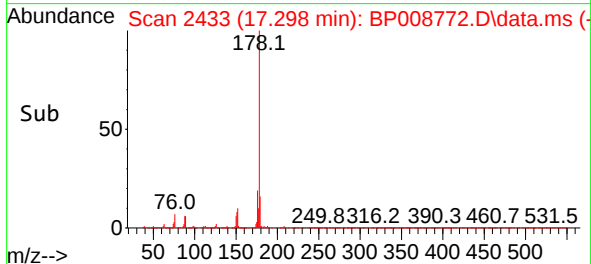
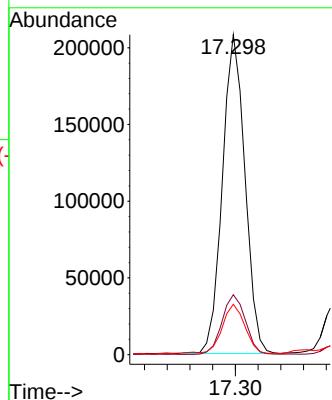
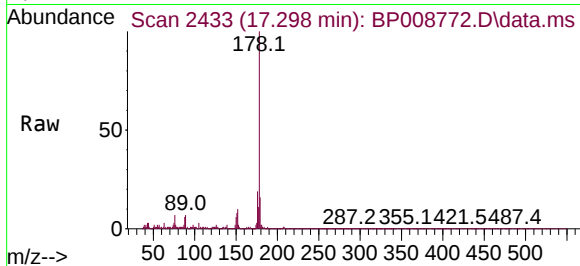




#71
Phenanthrene
Concen: 2.144 ng
RT: 17.298 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

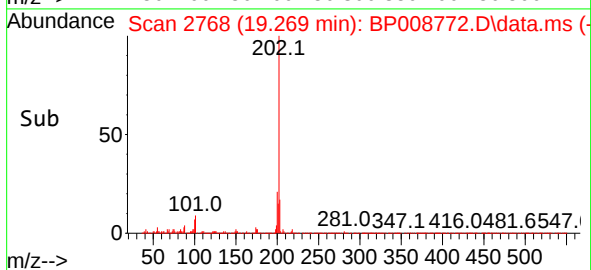
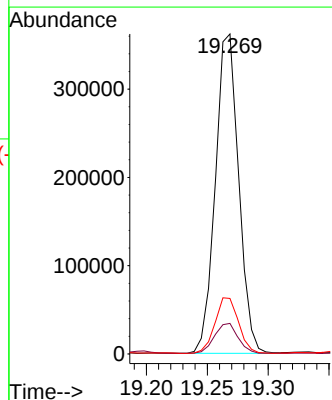
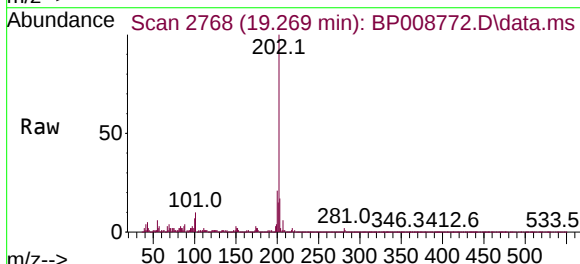
Instrument :
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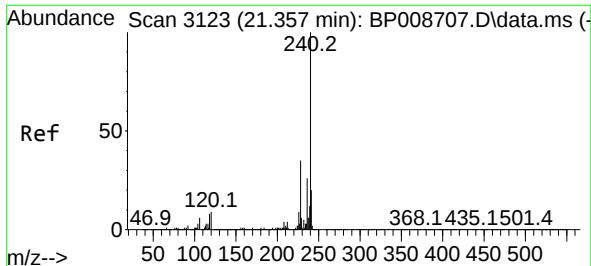
Tgt Ion:178 Resp: 286780
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 15.8 13.0 19.4



#75
Fluoranthene
Concen: 3.015 ng
RT: 19.269 min Scan# 2768
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion:202 Resp: 482886
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 17.4 0.0 38.9

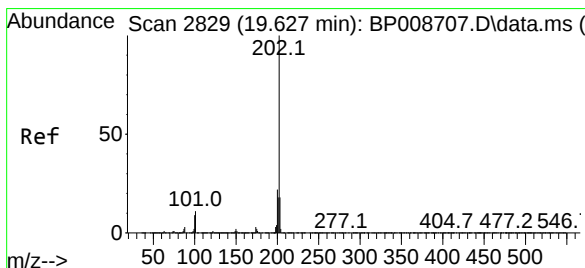
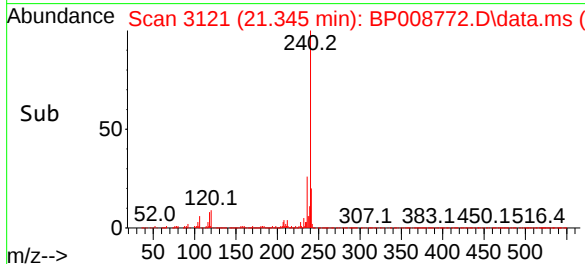
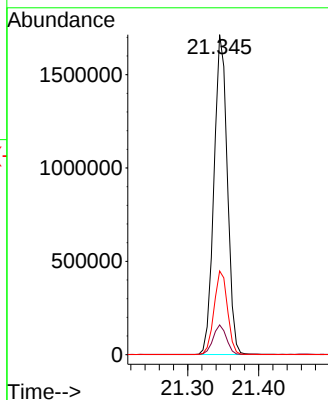
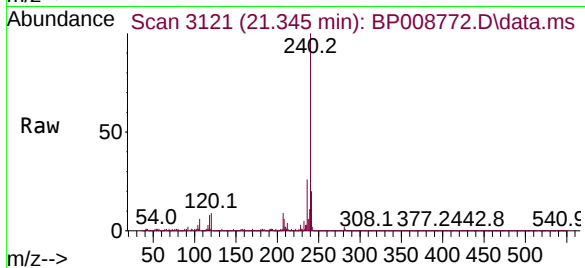




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

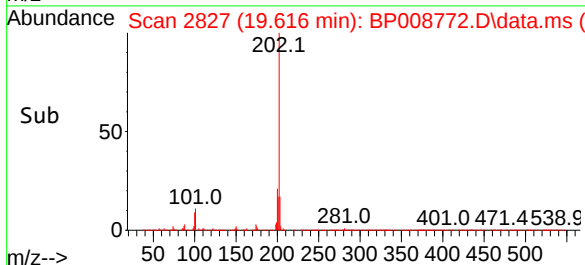
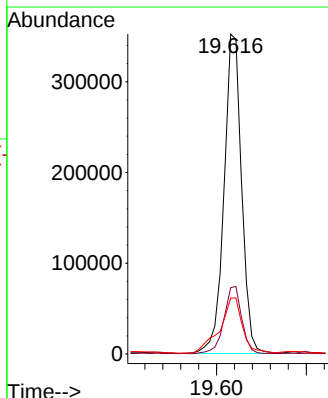
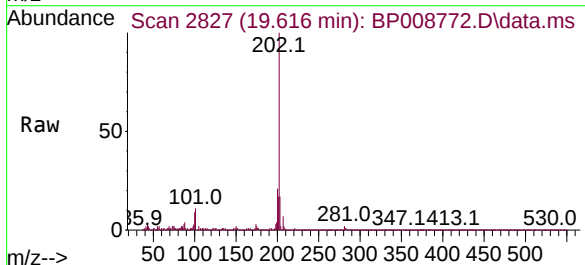
Instrument :
BNA_P
ClientSampleId :
TP-2S

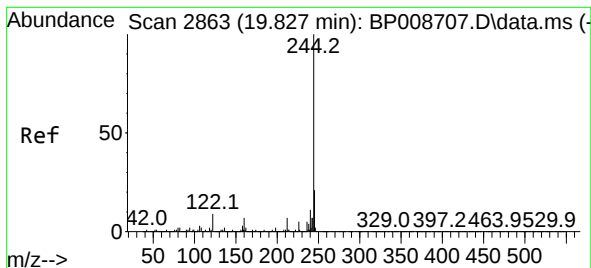
Tgt Ion:240 Resp: 2230378
Ion Ratio Lower Upper
240 100
120 9.3 7.7 11.5
236 26.2 21.2 31.8



#78
Pyrene
Concen: 3.282 ng
RT: 19.616 min Scan# 2827
Delta R.T. -0.006 min
Lab File: BP008772.D
Acq: 12 Jan 2022 14:07

Tgt Ion:202 Resp: 478673
Ion Ratio Lower Upper
202 100
200 20.7 18.0 27.0
203 17.5 15.0 22.6





#79

Terphenyl-d14

Concen: 76.508 ng

RT: 19.822 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP008772.D

Acq: 12 Jan 2022 14:07

Instrument :

BNA_P

ClientSampleId :

TP-2S

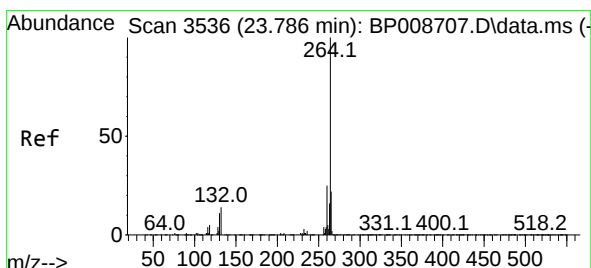
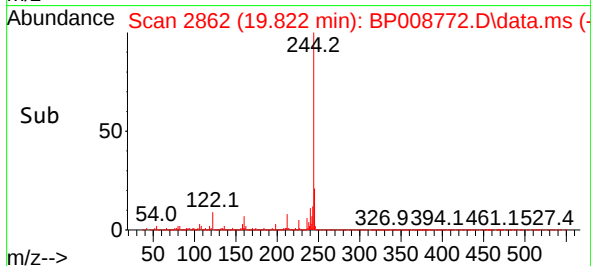
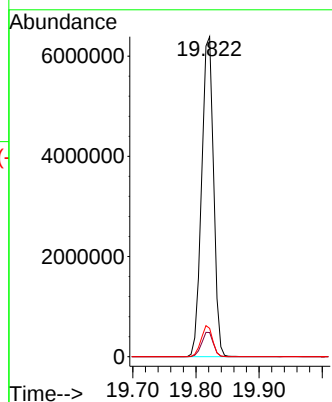
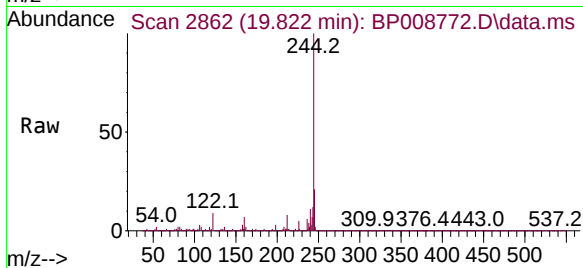
Tgt Ion:244 Resp: 8373628

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 8.9 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.768 min Scan# 3533

Delta R.T. -0.000 min

Lab File: BP008772.D

Acq: 12 Jan 2022 14:07

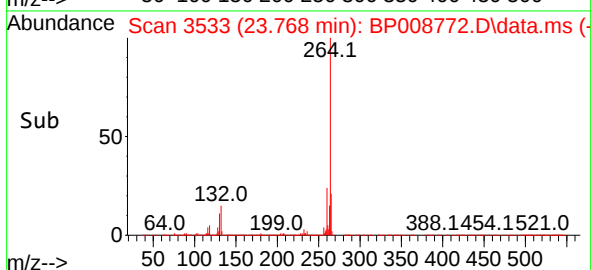
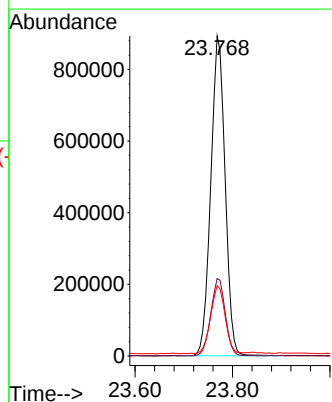
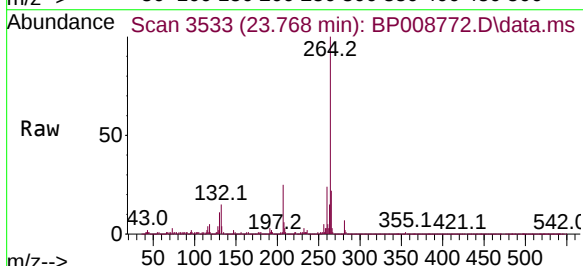
Tgt Ion:264 Resp: 1817133

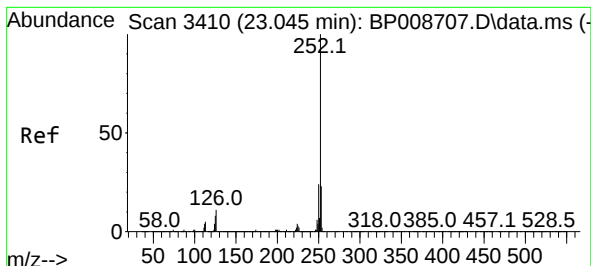
Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 22.0 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 2.183 ng

RT: 23.033 min Scan# 3410

Delta R.T. 0.006 min

Lab File: BP008772.D

Acq: 12 Jan 2022 14:07

Instrument :

BNA_P

ClientSampleId :

TP-2S

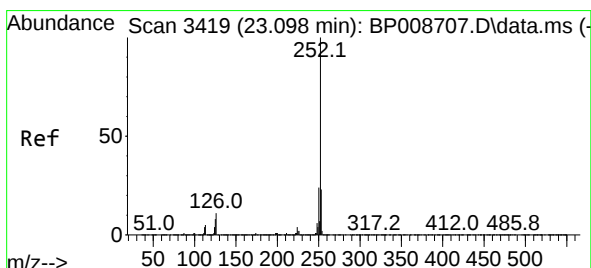
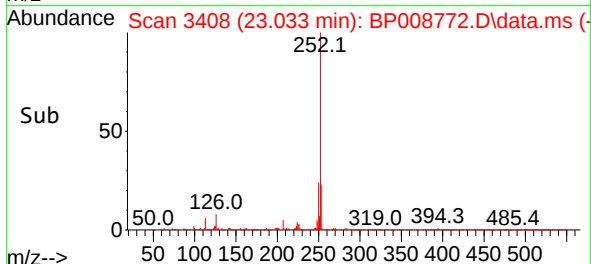
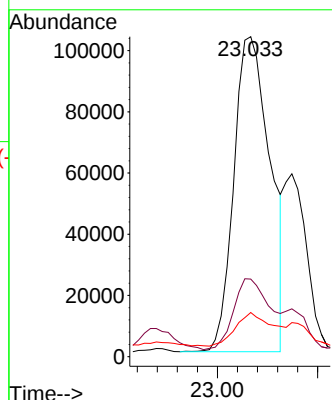
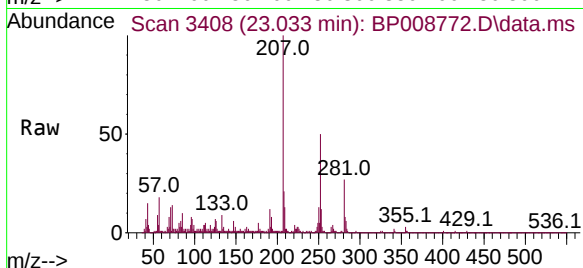
Tgt Ion:252 Resp: 259147

Ion Ratio Lower Upper

252 100

253 24.3 18.0 27.0

125 13.8 6.9 10.3#



#89

Benzo(k)fluoranthene

Concen: 2.332 ng

RT: 23.033 min Scan# 3408

Delta R.T. -0.047 min

Lab File: BP008772.D

Acq: 12 Jan 2022 14:07

Tgt Ion:252 Resp: 259147

Ion Ratio Lower Upper

252 100

253 24.3 18.2 27.2

125 13.8 7.3 10.9#

