

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113021\
 Data File : BP008160.D
 Acq On : 30 Nov 2021 16:08
 Operator : CG/JU
 Sample : M4848-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PSC124055

Quant Time: Nov 30 16:59:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

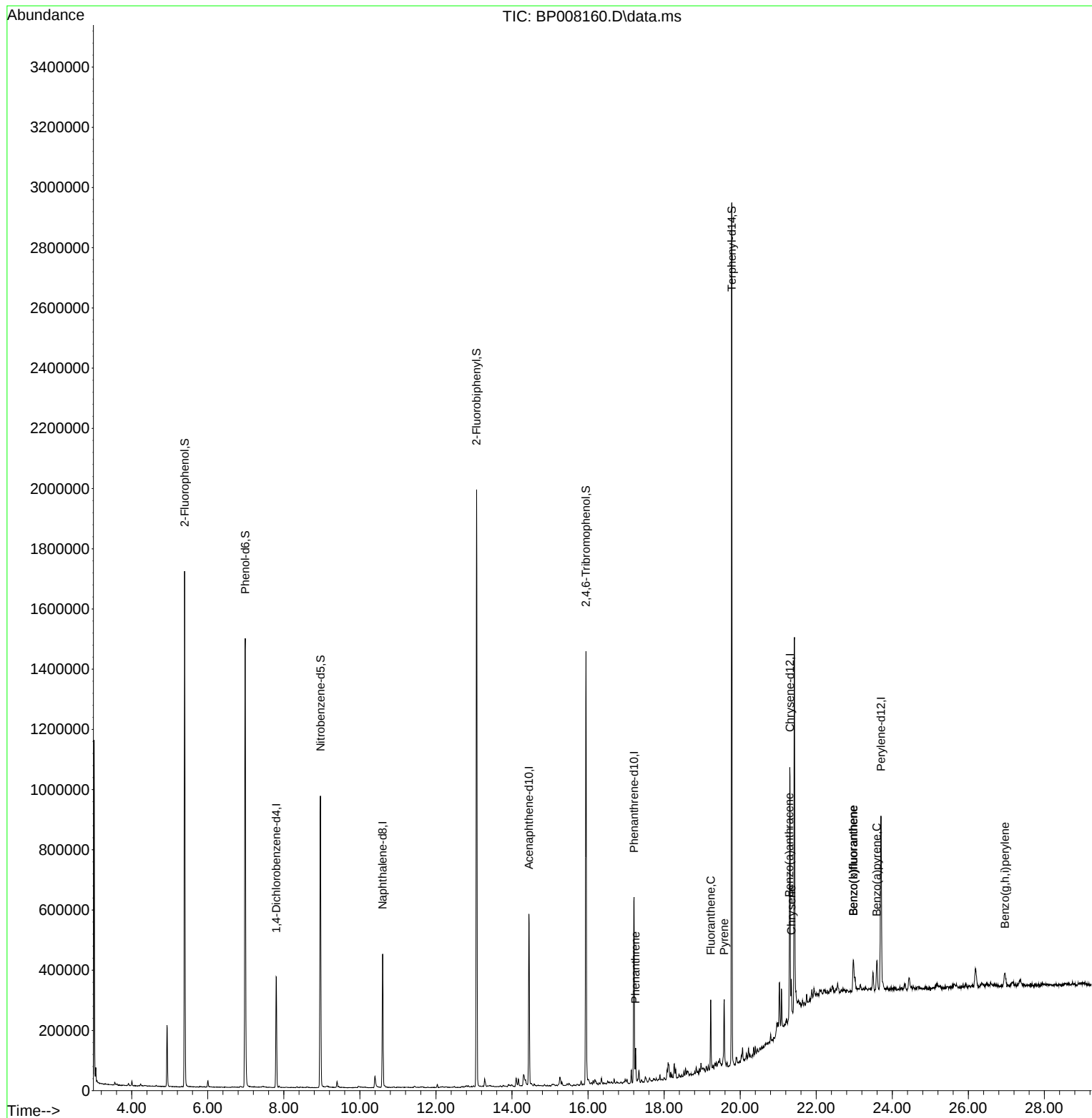
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	96010	20.000	ng	-0.01
21) Naphthalene-d8	10.599	136	338167	20.000	ng	-0.01
39) Acenaphthene-d10	14.445	164	195072	20.000	ng	-0.01
64) Phenanthrene-d10	17.210	188	379359	20.000	ng	0.00
76) Chrysene-d12	21.310	240	381109	20.000	ng	0.00
86) Perylene-d12	23.704	264	456665	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	641208	107.531	ng	-0.01
7) Phenol-d6	6.987	99	811037	100.754	ng	-0.01
23) Nitrobenzene-d5	8.963	82	563531	75.778	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	265999	106.683	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	998855	74.376	ng	-0.01
79) Terphenyl-d14	19.780	244	1314870	72.105	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.922	77	75	Below Cal	#	38
71) Phenanthrene	17.251	178	67431	3.367	ng	99
75) Fluoranthene	19.227	202	127925	4.741	ng	99
78) Pyrene	19.580	202	139444	3.419	ng	98
81) Benzo(a)anthracene	21.292	228	64908	2.570	ng	96
83) Chrysene	21.345	228	69035	2.872	ng	96
88) Benzo(b)fluoranthene	22.980	252	119650	4.346	ng	# 94
89) Benzo(k)fluoranthene	22.980	252	119650	4.439	ng	# 93
90) Benzo(a)pyrene	23.592	252	67274	2.859	ng	94
92) Benzo(g,h,i)perylene	26.962	276	61204	2.199	ng	# 85

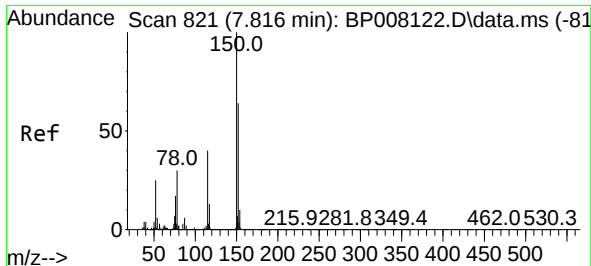
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113021\
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BNA_P
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Response via : Initial Calibration

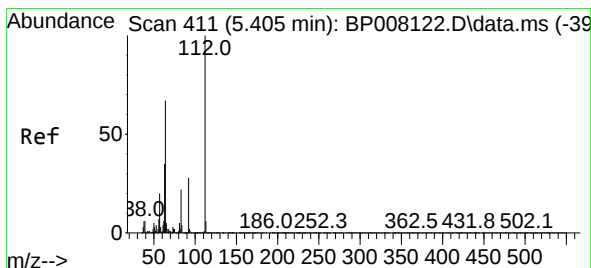
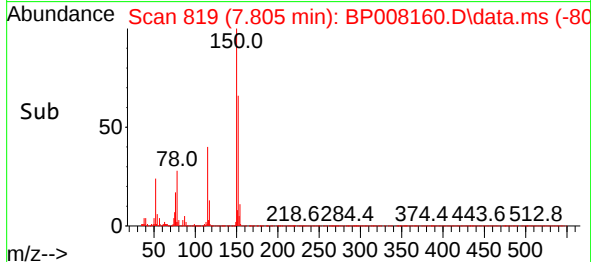
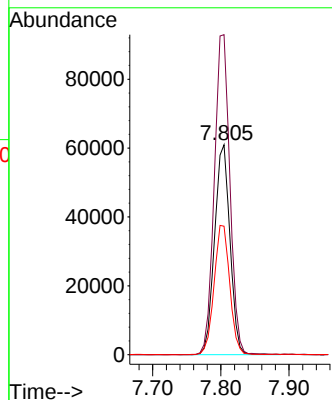
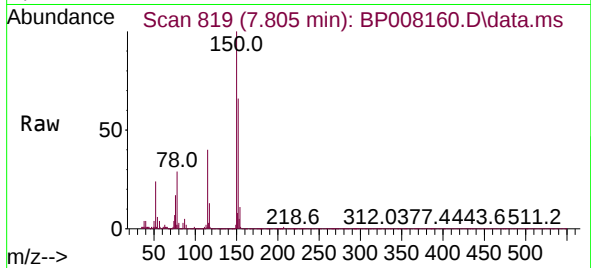




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP008160.D
 Acq: 30 Nov 2021 16:08

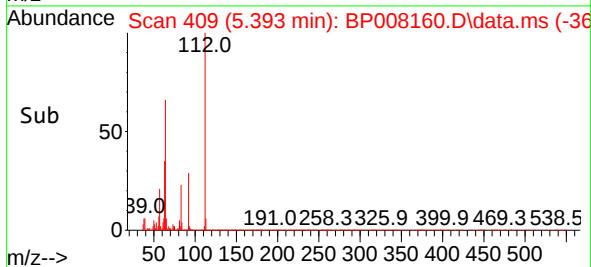
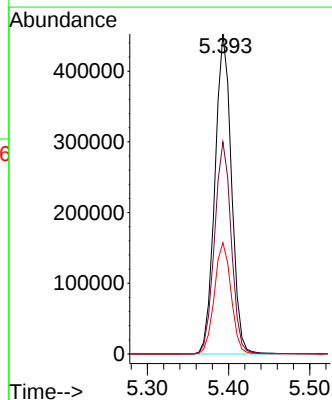
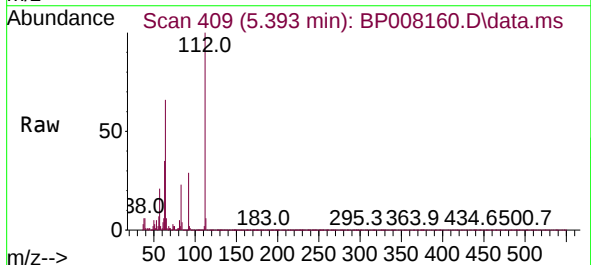
Instrument :
 BNA_P
 ClientSampleId :
 PSC124055

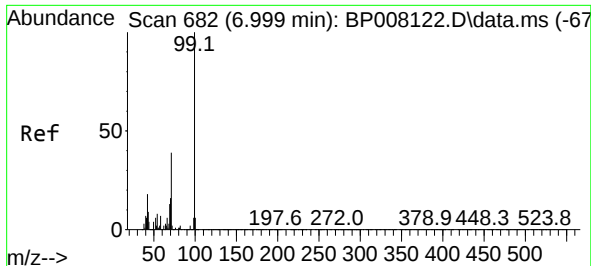
Tgt Ion:152 Resp: 96010
 Ion Ratio Lower Upper
 152 100
 150 152.5 125.7 188.5
 115 61.3 50.7 76.1



#5
 2-Fluorophenol
 Concen: 107.531 ng
 RT: 5.393 min Scan# 409
 Delta R.T. -0.012 min
 Lab File: BP008160.D
 Acq: 30 Nov 2021 16:08

Tgt Ion:112 Resp: 641208
 Ion Ratio Lower Upper
 112 100
 64 66.3 53.4 80.2
 63 34.8 27.8 41.8

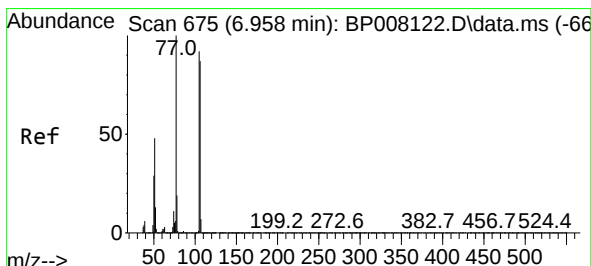
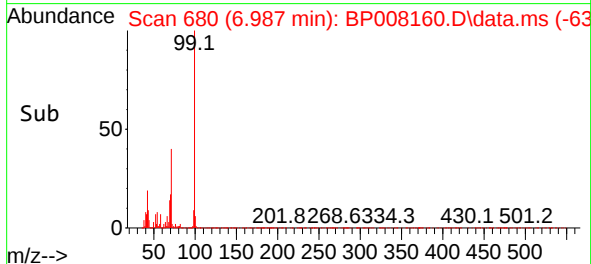
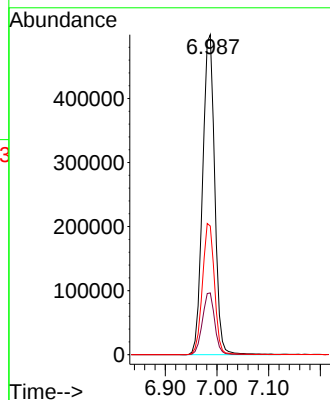
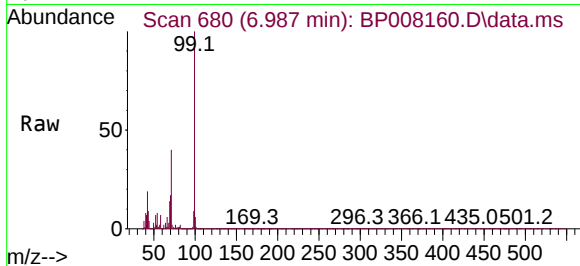




#7
Phenol-d6
Concen: 100.754 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

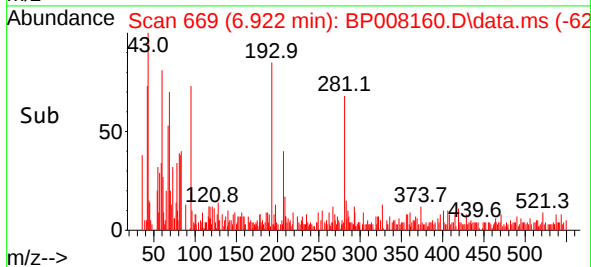
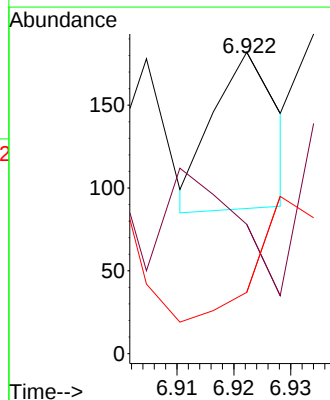
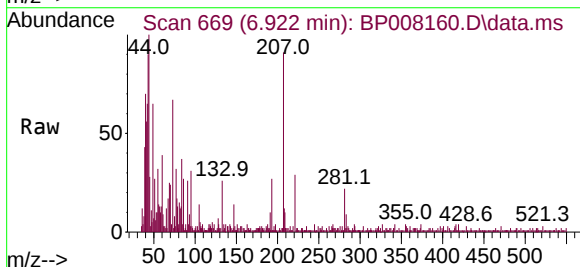
Instrument :
BNA_P
ClientSampleId :
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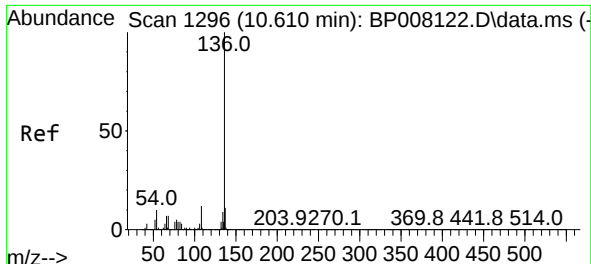
Tgt Ion: 99 Resp: 811037
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 40.2 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.922 min Scan# 669
Delta R.T. -0.036 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion: 77 Resp: 75
Ion Ratio Lower Upper
77 100
105 42.9 71.8 111.8#
106 20.3 67.3 107.3#

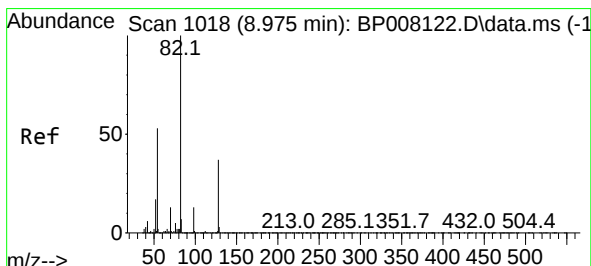
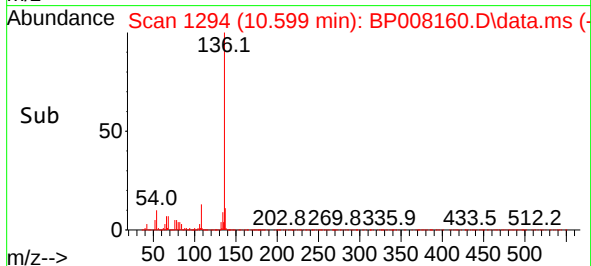
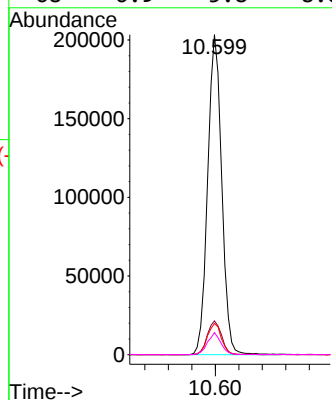
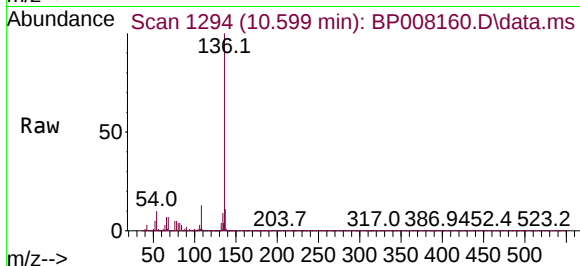




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

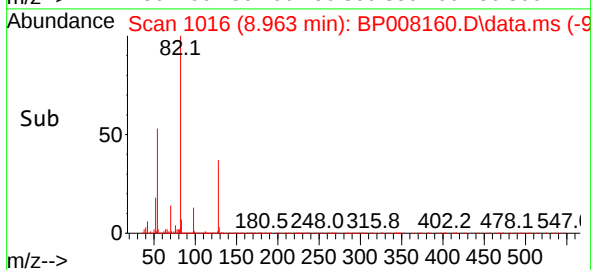
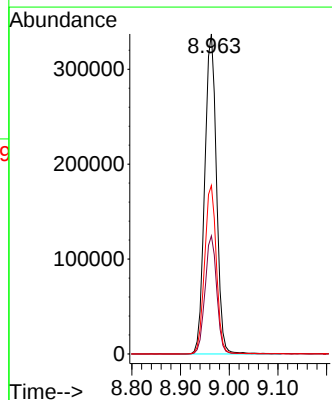
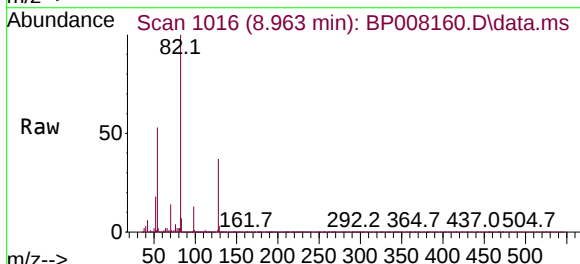
Instrument :
BNA_P
ClientSampleId :
PSC124055

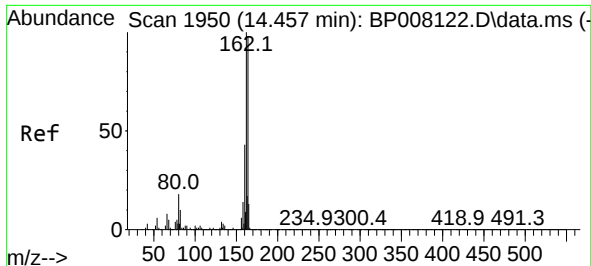
Tgt Ion:	136	Resp:	338167
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	9.8	8.2	12.4
68	6.9	5.8	8.8



#23
Nitrobenzene-d5
Concen: 75.778 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:	82	Resp:	563531
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.6	44.4
54	52.7	42.7	64.1

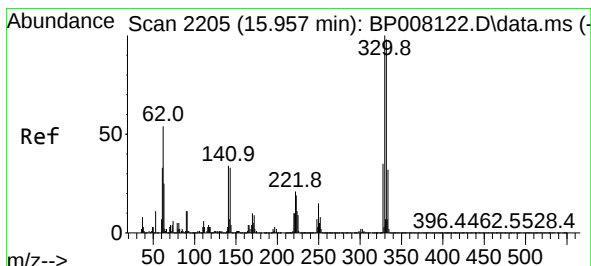
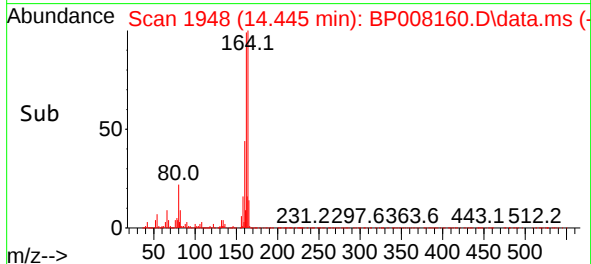
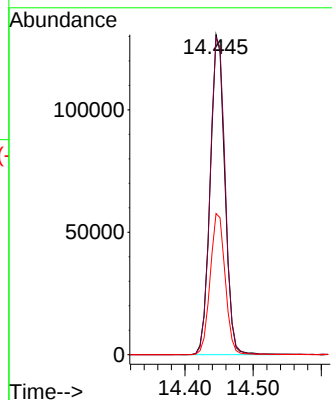
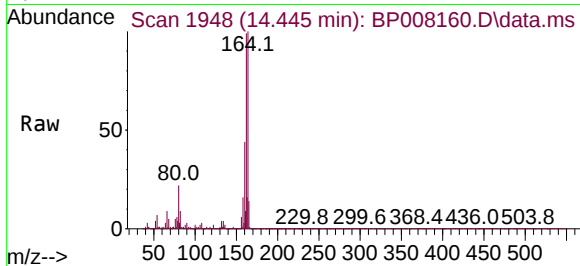




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

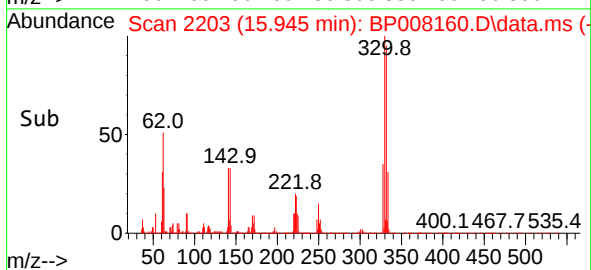
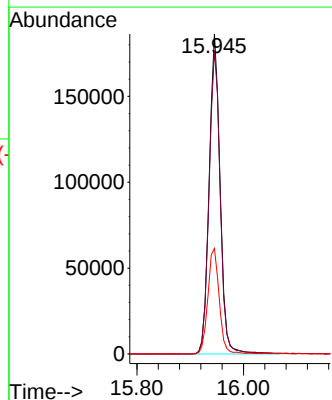
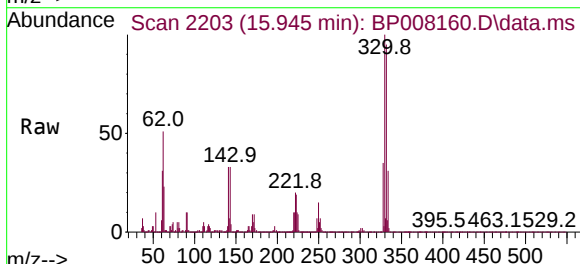
Instrument :
BNA_P
ClientSampleId :
PSC124055

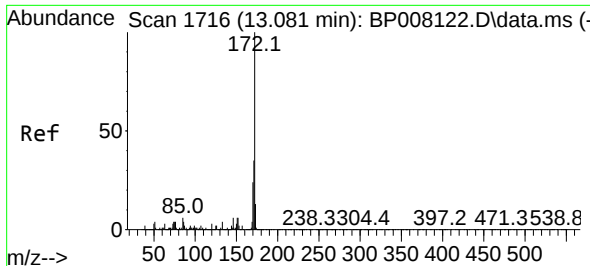
Tgt Ion:164 Resp: 195072
Ion Ratio Lower Upper
164 100
162 99.1 81.9 122.9
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 106.683 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:330 Resp: 265999
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 34.3 28.4 42.6

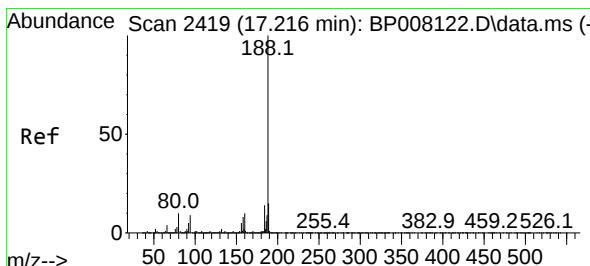
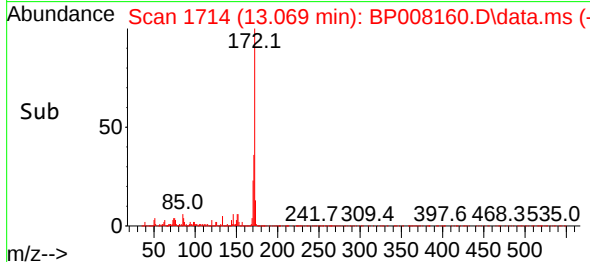
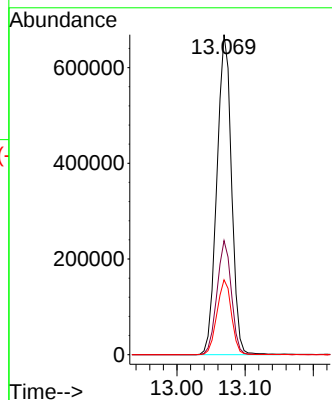
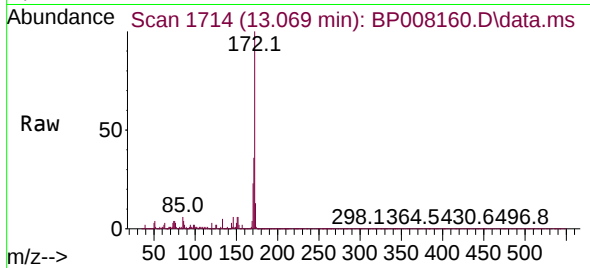




#45
2-Fluorobiphenyl
Concen: 74.376 ng
RT: 13.069 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

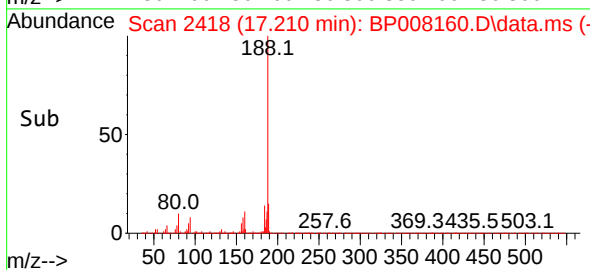
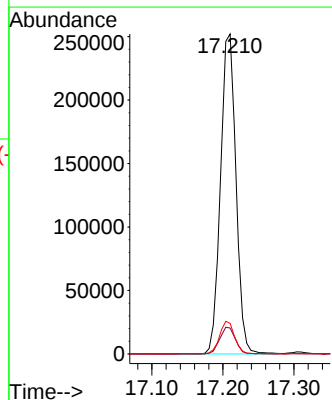
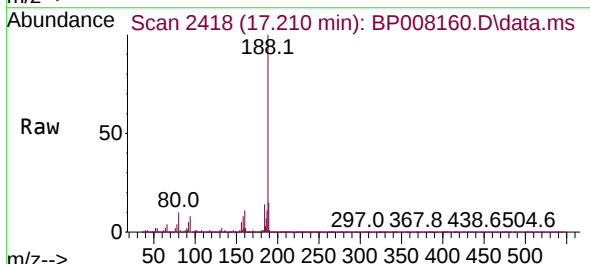
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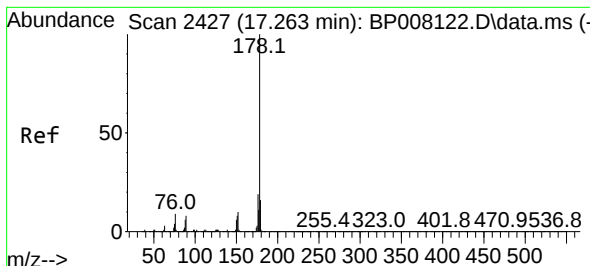
Tgt Ion:172 Resp: 998855
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.4 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:188 Resp: 379359
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.6 8.2 12.4





#71

Phenanthrene

Concen: 3.367 ng

RT: 17.251 min Scan# 2427

Delta R.T. -0.012 min

Lab File: BP008160.D

Acq: 30 Nov 2021 16:08

Instrument :

BNA_P

ClientSampleId :

PSC124055

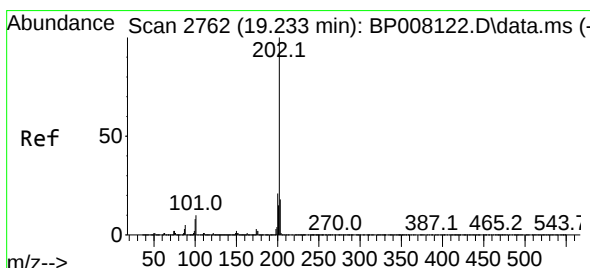
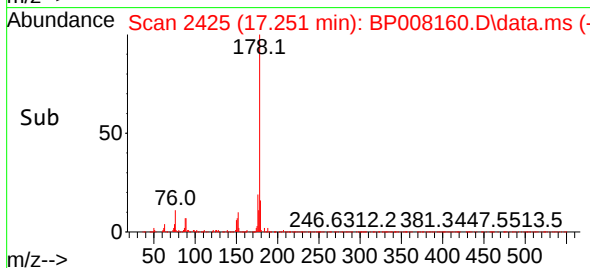
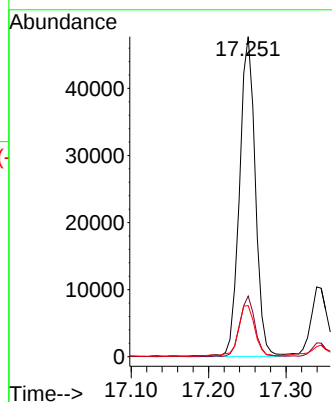
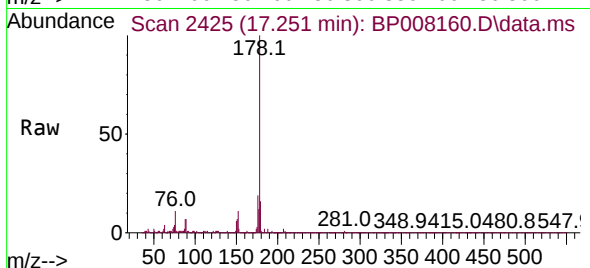
Tgt Ion:178 Resp: 67431

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 16.0 12.5 18.7



#75

Fluoranthene

Concen: 4.741 ng

RT: 19.227 min Scan# 2761

Delta R.T. -0.006 min

Lab File: BP008160.D

Acq: 30 Nov 2021 16:08

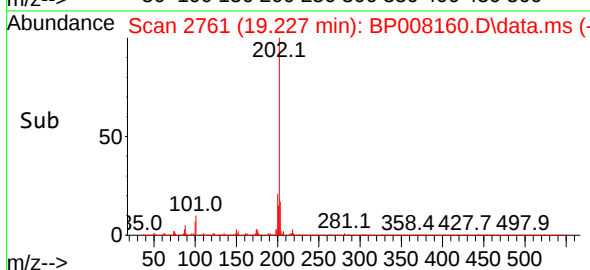
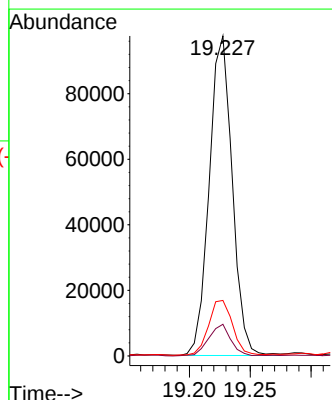
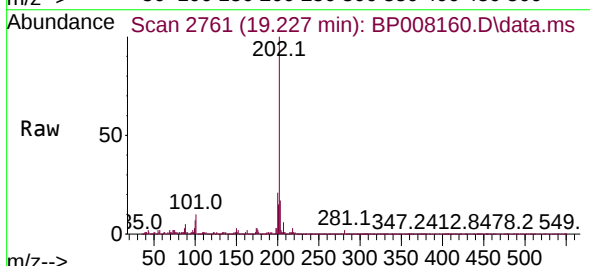
Tgt Ion:202 Resp: 127925

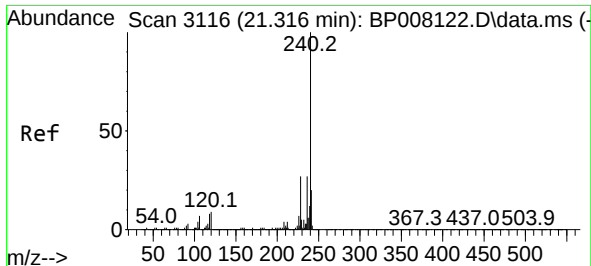
Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.8

203 17.4 0.0 37.7

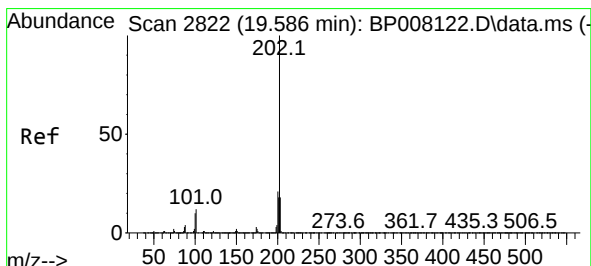
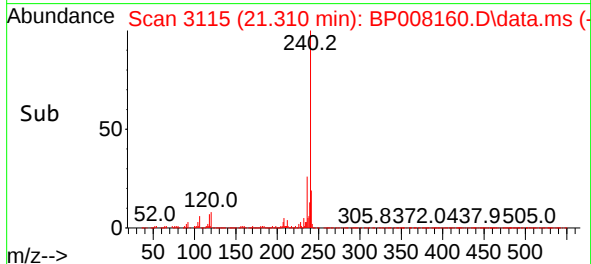
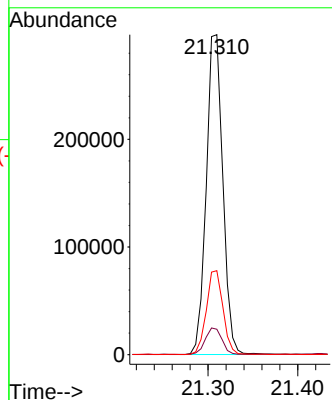
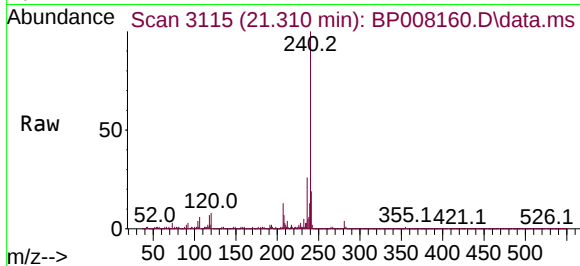




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

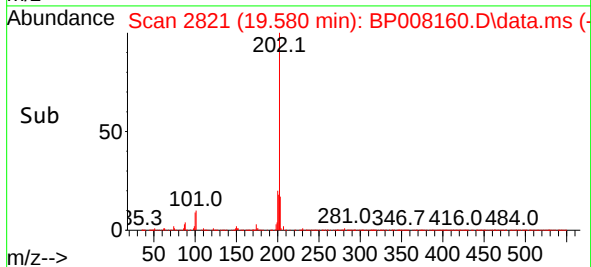
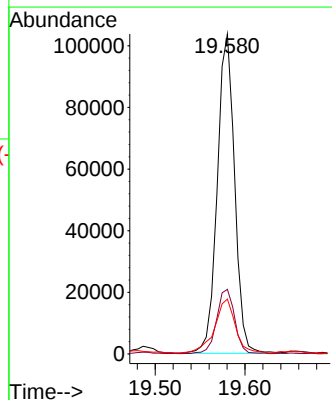
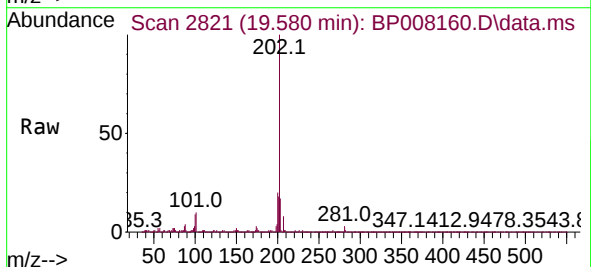
Instrument :
BNA_P
ClientSampleId :
PSC124055

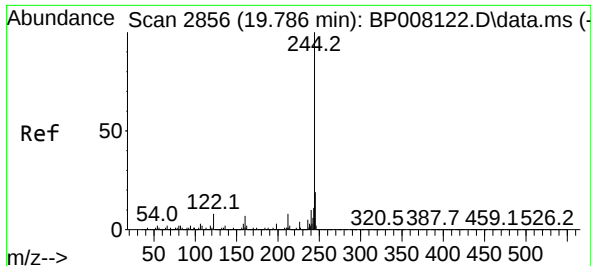
Tgt Ion:240 Resp: 381109
Ion Ratio Lower Upper
240 100
120 8.0 7.3 10.9
236 26.3 21.4 32.2



#78
Pyrene
Concen: 3.419 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:202 Resp: 139444
Ion Ratio Lower Upper
202 100
200 20.2 17.1 25.7
203 17.2 14.2 21.2

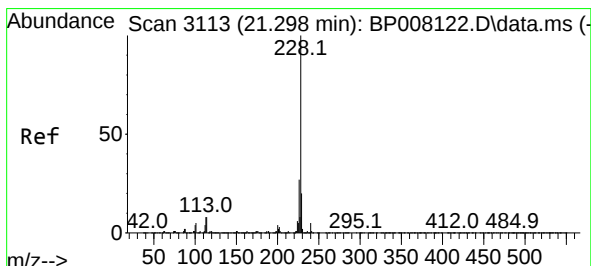
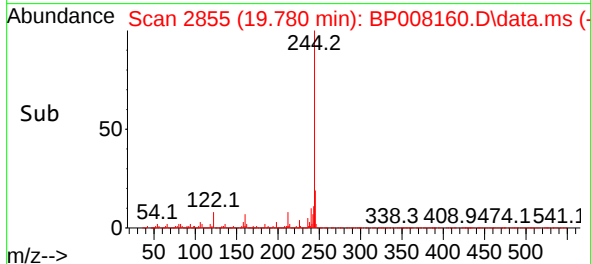
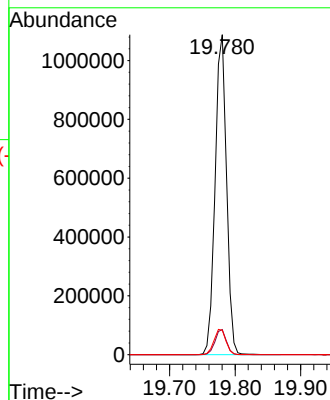
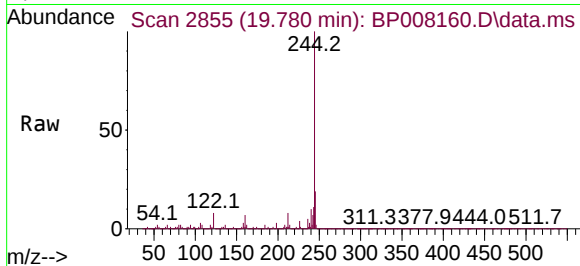




#79
 Terphenyl-d14
 Concen: 72.105 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008160.D
 Acq: 30 Nov 2021 16:08

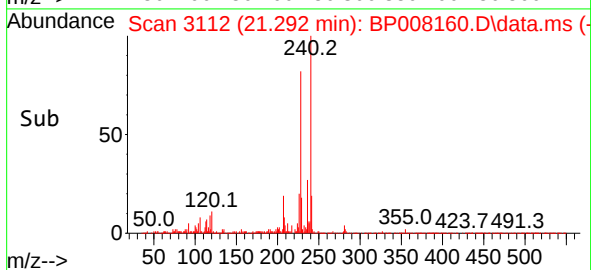
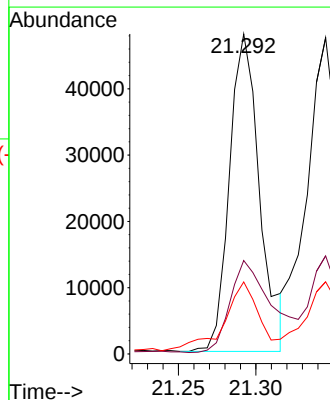
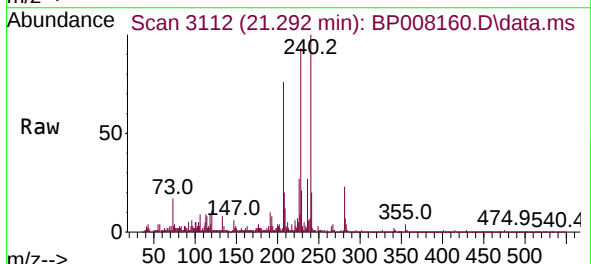
Instrument :
 BNA_P
 ClientSampleId :
 PSC124055

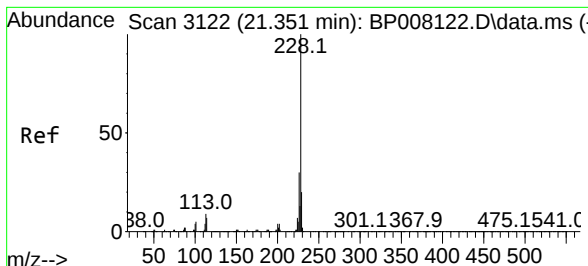
Tgt Ion:244 Resp: 1314870
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 7.7 6.6 9.8



#81
 Benzo(a)anthracene
 Concen: 2.570 ng
 RT: 21.292 min Scan# 3112
 Delta R.T. -0.006 min
 Lab File: BP008160.D
 Acq: 30 Nov 2021 16:08

Tgt Ion:228 Resp: 64908
 Ion Ratio Lower Upper
 228 100
 226 29.2 21.9 32.9
 229 22.5 15.9 23.9





#83

Chrysene

Concen: 2.872 ng

RT: 21.345 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BP008160.D

Acq: 30 Nov 2021 16:08

Instrument :

BNA_P

ClientSampleId :

PSC124055

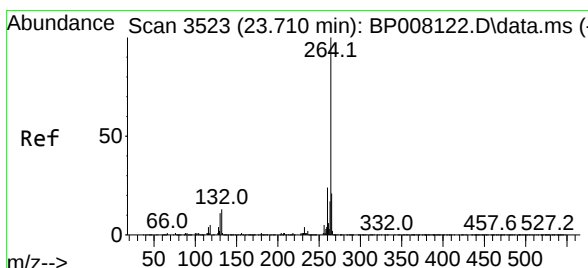
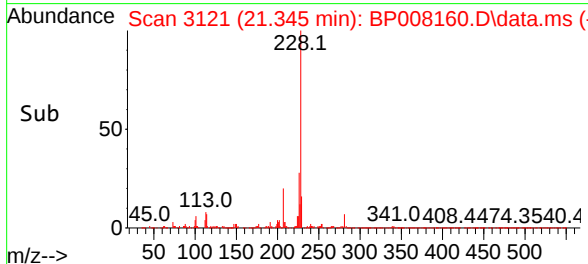
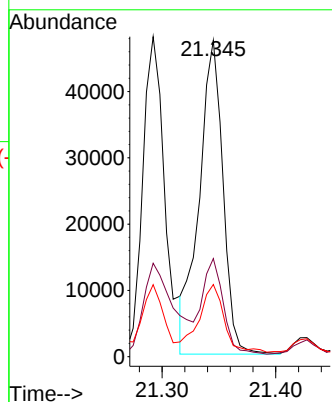
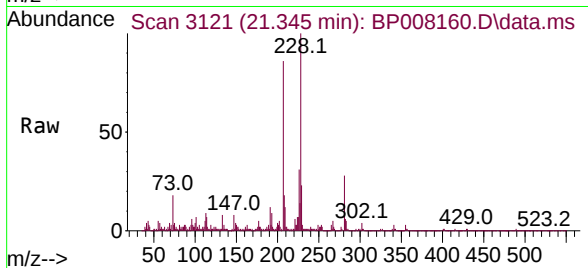
Tgt Ion:228 Resp: 69035

Ion Ratio Lower Upper

228 100

226 31.0 24.0 36.0

229 22.8 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.704 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BP008160.D

Acq: 30 Nov 2021 16:08

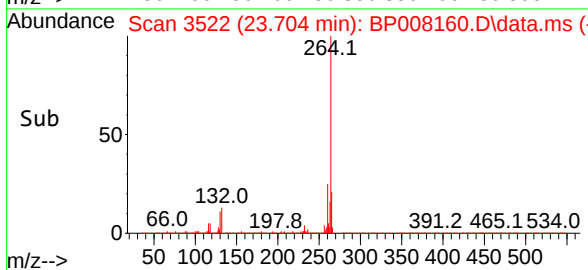
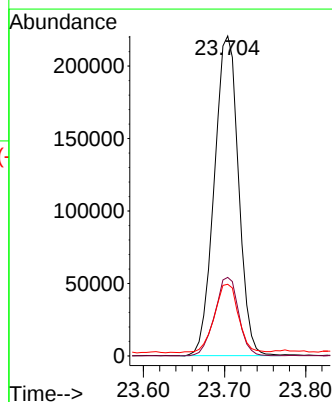
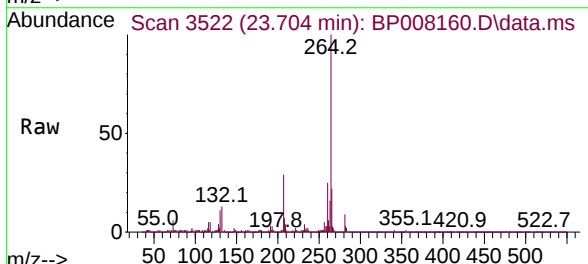
Tgt Ion:264 Resp: 456665

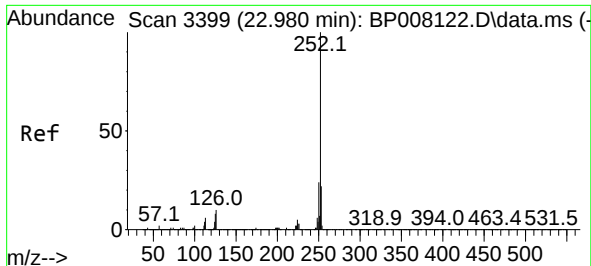
Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 22.4 17.6 26.4

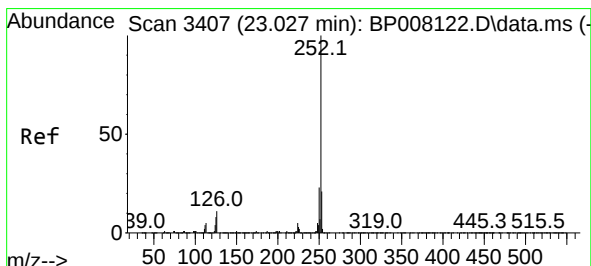
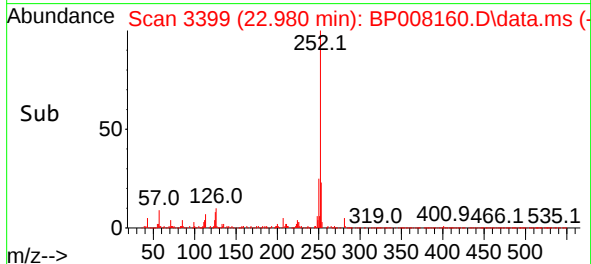
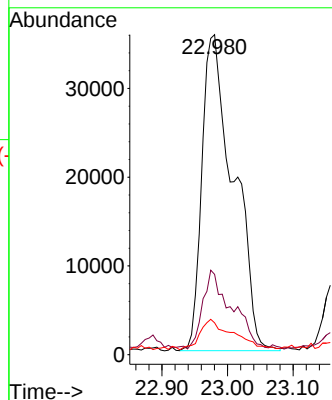
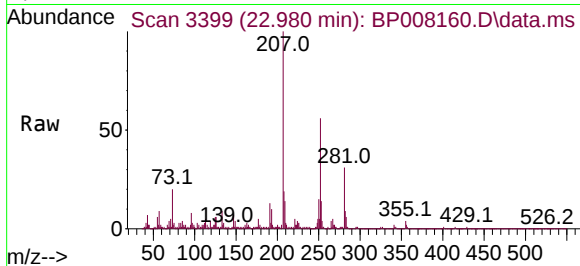




#88
Benzo(b)fluoranthene
Concen: 4.346 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.000 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

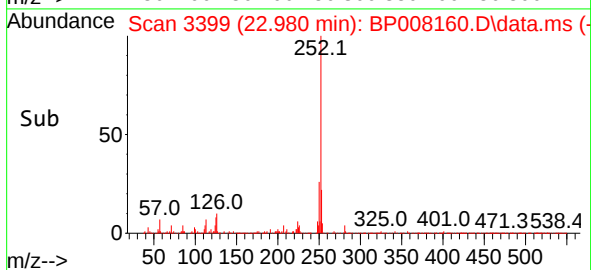
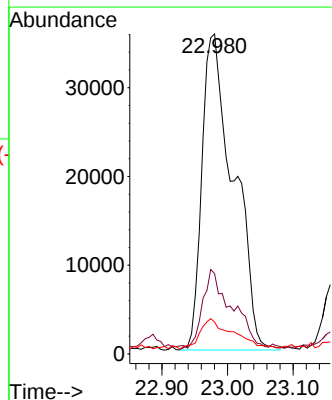
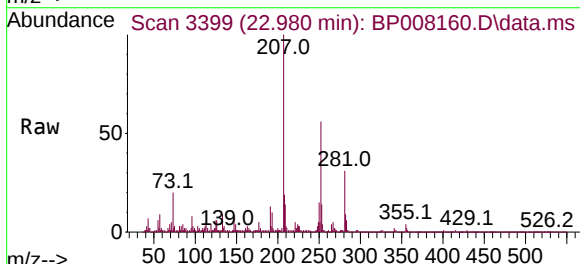
Instrument :
BNA_P
ClientSampleId :
PSC124055

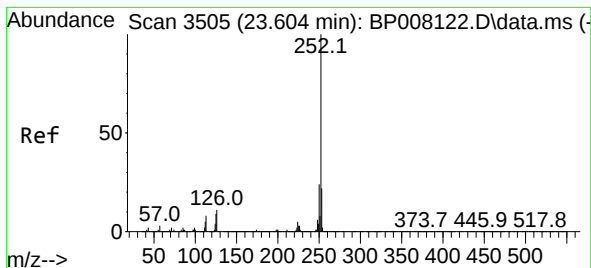
Tgt Ion:252 Resp: 119650
Ion Ratio Lower Upper
252 100
253 25.1 17.7 26.5
125 10.0 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 4.439 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.047 min
Lab File: BP008160.D
Acq: 30 Nov 2021 16:08

Tgt Ion:252 Resp: 119650
Ion Ratio Lower Upper
252 100
253 25.1 17.3 25.9
125 10.0 6.5 9.7#





#90

Benzo(a)pyrene

Concen: 2.859 ng

RT: 23.592 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP008160.D

Acq: 30 Nov 2021 16:08

Instrument :

BNA_P

ClientSampleId :

PSC124055

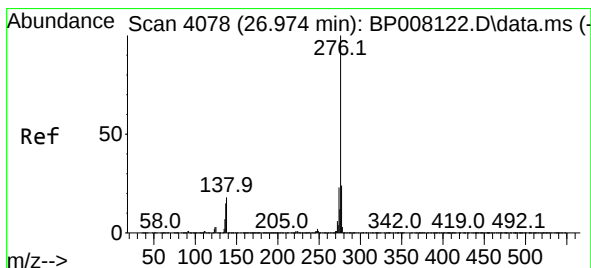
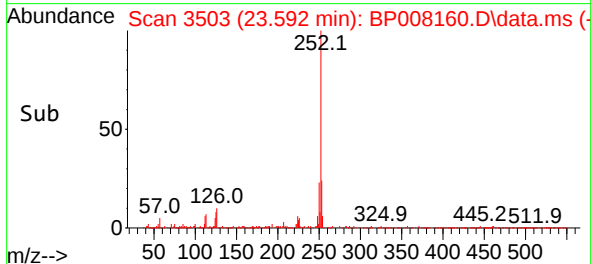
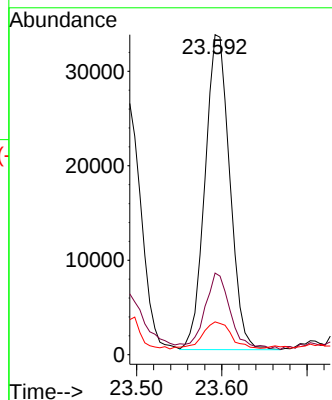
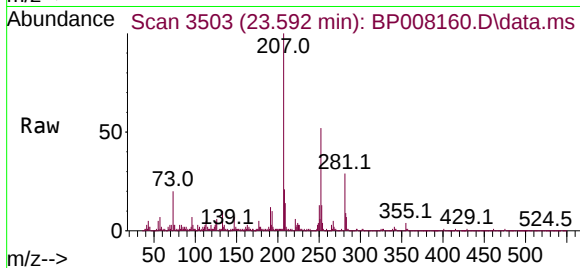
Tgt Ion:252 Resp: 67274

Ion Ratio Lower Upper

252 100

253 25.5 17.6 26.4

125 10.3 7.4 11.0



#92

Benzo(g,h,i)perylene

Concen: 2.199 ng

RT: 26.962 min Scan# 4076

Delta R.T. -0.012 min

Lab File: BP008160.D

Acq: 30 Nov 2021 16:08

Tgt Ion:276 Resp: 61204

Ion Ratio Lower Upper

276 100

277 25.5 20.0 30.0

138 32.8 14.1 21.1#

