

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113021\
 Data File : BP008159.D
 Acq On : 30 Nov 2021 15:34
 Operator : CG/JU
 Sample : M4848-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PSC124019

Quant Time: Nov 30 16:05:25 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)

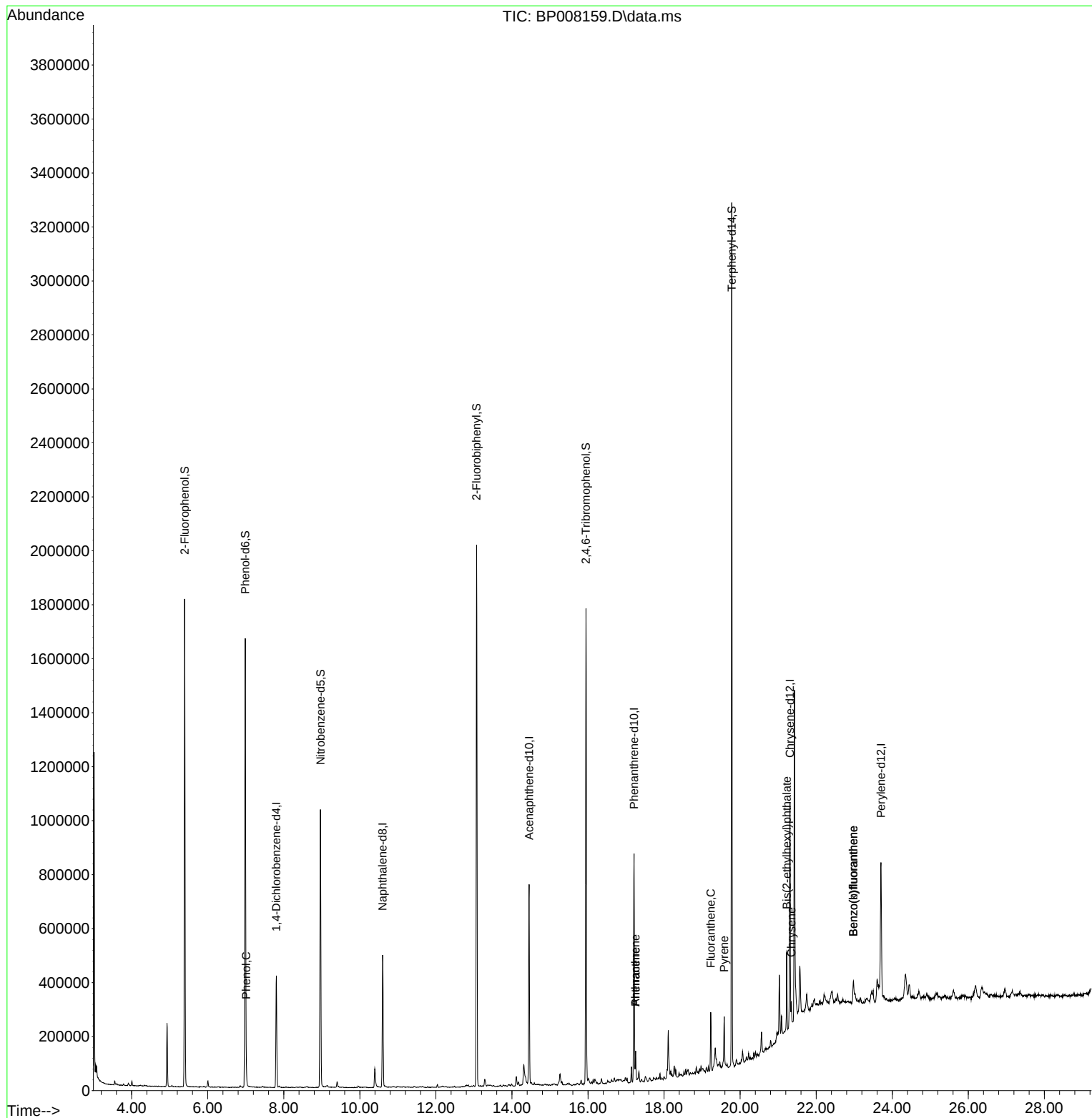
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	102714	20.000	ng	-0.01
21) Naphthalene-d8	10.599	136	382170	20.000	ng	-0.01
39) Acenaphthene-d10	14.451	164	243939	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	493722	20.000	ng	0.00
76) Chrysene-d12	21.310	240	379484	20.000	ng	0.00
86) Perylene-d12	23.704	264	385201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	679463	106.509	ng	-0.01
7) Phenol-d6	6.987	99	878027	101.957	ng	-0.01
23) Nitrobenzene-d5	8.963	82	588596	70.035	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	321779	103.202	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	1002139	59.672	ng	-0.01
79) Terphenyl-d14	19.781	244	1448949	79.798	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.922	77	76	Below Cal	#	39
10) Phenol	7.011	94	31005	3.504	ng	88
71) Phenanthrene	17.251	178	65099	2.497	ng	99
72) Anthracene	17.251	178	65099	2.516	ng	99
75) Fluoranthene	19.228	202	110727	3.153	ng	99
78) Pyrene	19.581	202	115160	2.367	ng	99
83) Chrysene	21.345	228	48870	2.042	ng	96
84) Bis(2-ethylhexyl)phtha...	21.228	149	97821	5.962	ng	99
88) Benzo(b)fluoranthene	22.980	252	55186	2.376	ng	# 94
89) Benzo(k)fluoranthene	22.980	252	55186	2.427	ng	# 93

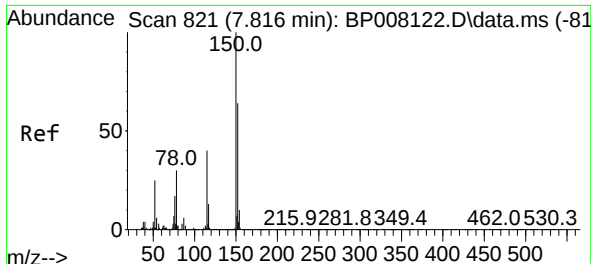
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113021\
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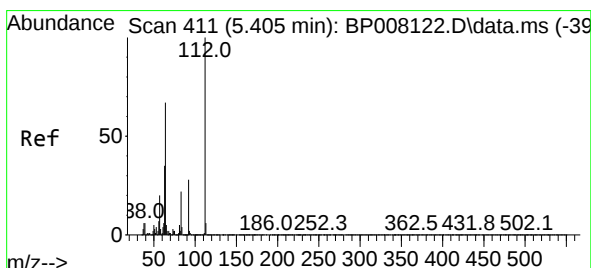
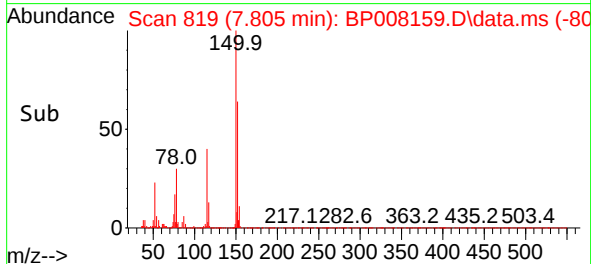
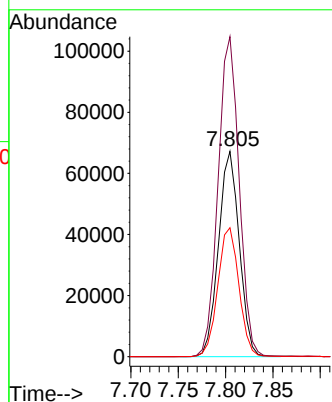
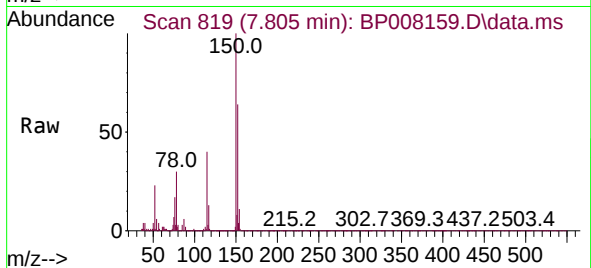




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

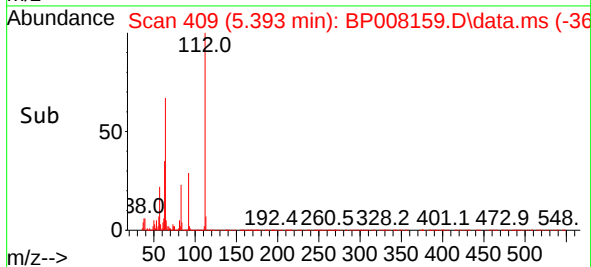
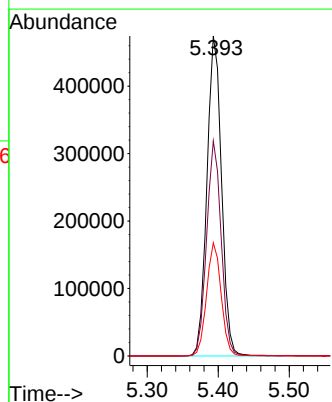
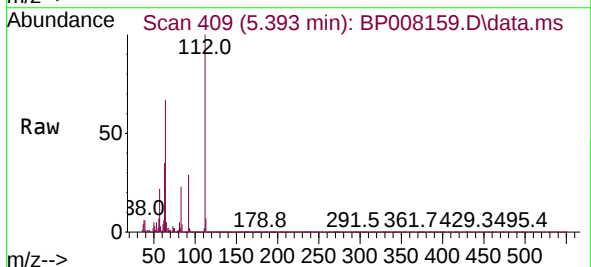
Instrument :
BNA_P
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PSC124019

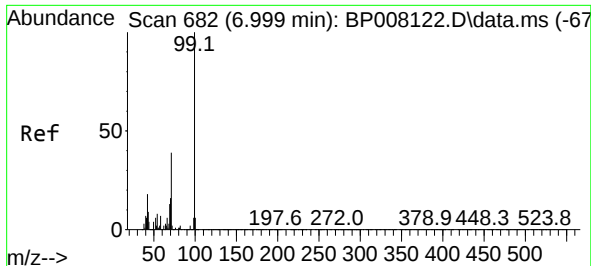
Tgt Ion:152 Resp: 102714
Ion Ratio Lower Upper
152 100
150 155.8 125.7 188.5
115 62.8 50.7 76.1



#5
2-Fluorophenol
Concen: 106.509 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

Tgt Ion:112 Resp: 679463
Ion Ratio Lower Upper
112 100
64 67.2 53.4 80.2
63 35.4 27.8 41.8

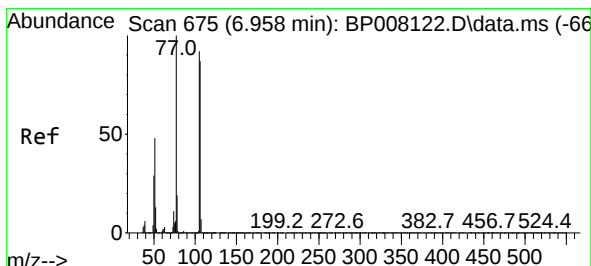
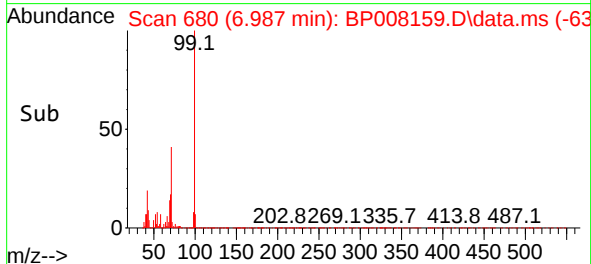
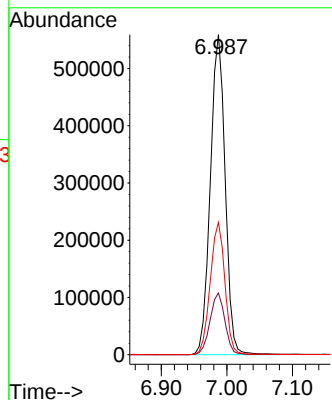
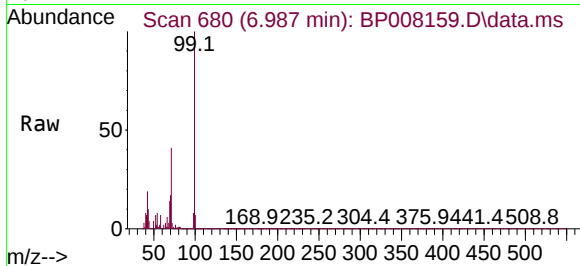




#7
Phenol-d6
Concen: 101.957 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

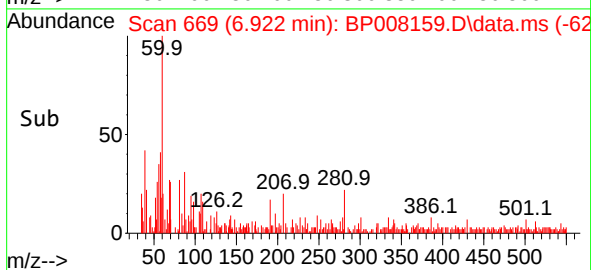
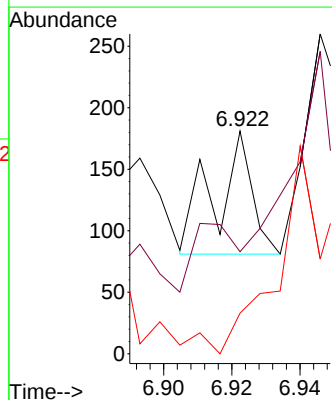
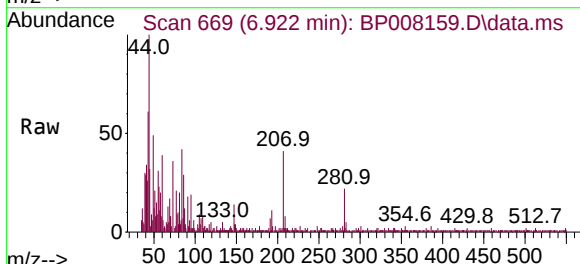
Instrument :
BNA_P
ClientSampleId :
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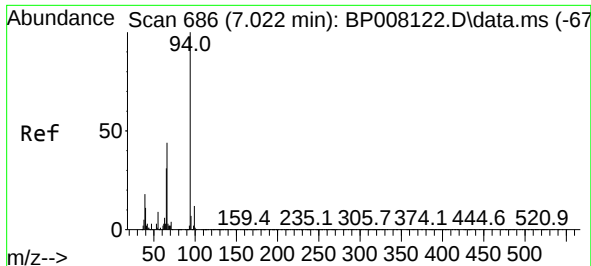
Tgt Ion: 99 Resp: 878027
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 41.3 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.922 min Scan# 669
Delta R.T. -0.036 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

Tgt Ion: 77 Resp: 76
Ion Ratio Lower Upper
77 100
105 45.9 71.8 111.8#
106 18.2 67.3 107.3#

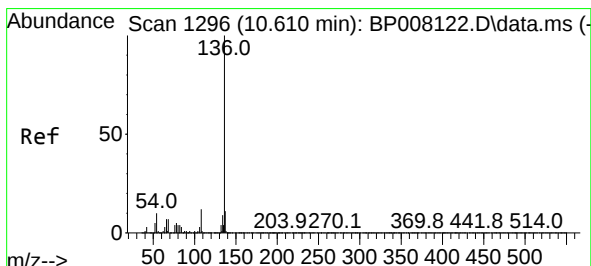
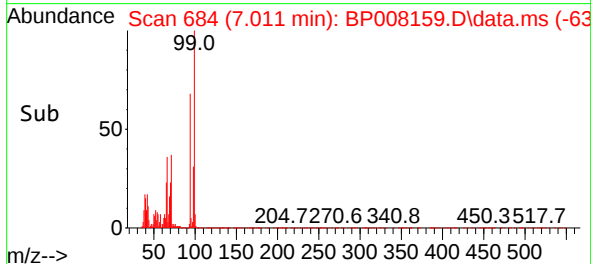
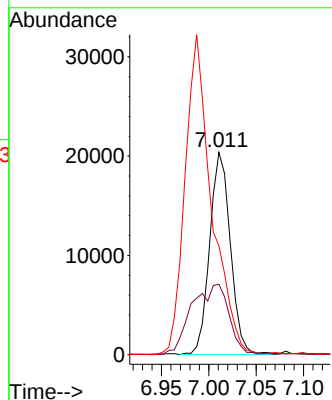
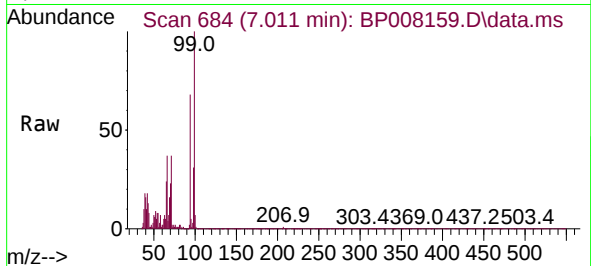




#10
Phenol
Concen: 3.504 ng
RT: 7.011 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

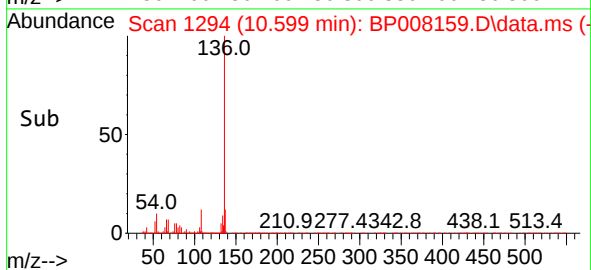
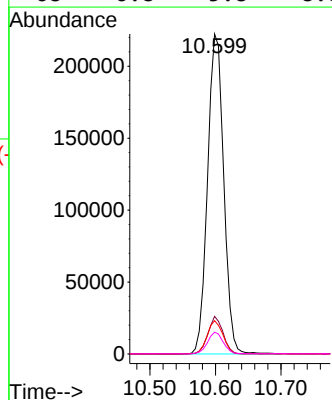
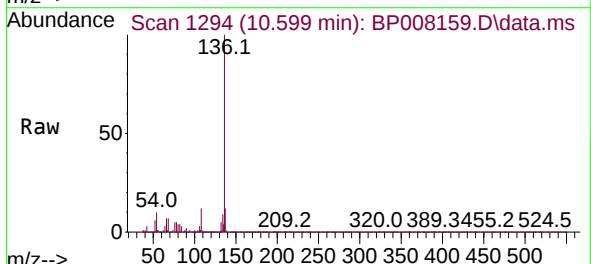
Instrument :
BNA_P
ClientSampleId :
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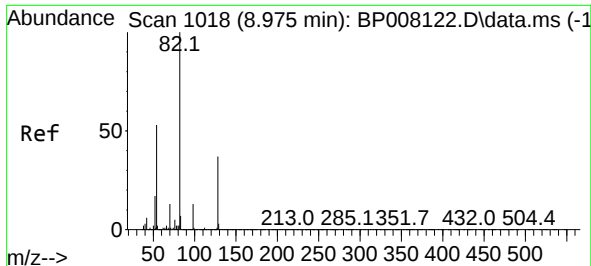
Tgt Ion: 94 Resp: 31005
Ion Ratio Lower Upper
94 100
65 34.8 10.9 50.9
66 53.8 24.3 64.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

Tgt Ion:136 Resp: 382170
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 10.4 8.2 12.4
68 6.8 5.8 8.8

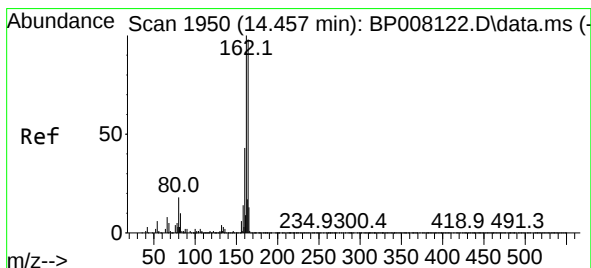
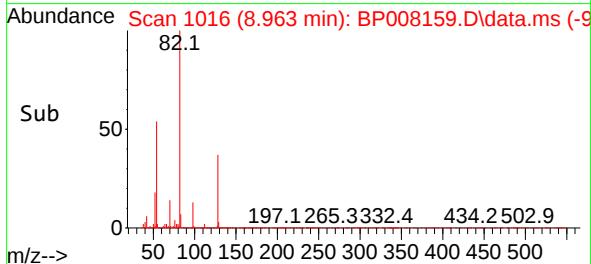
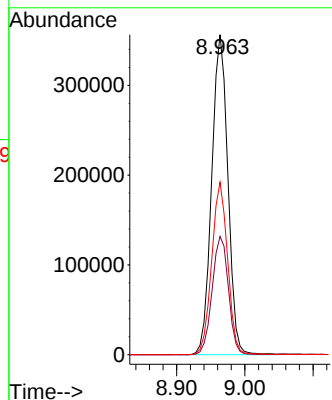
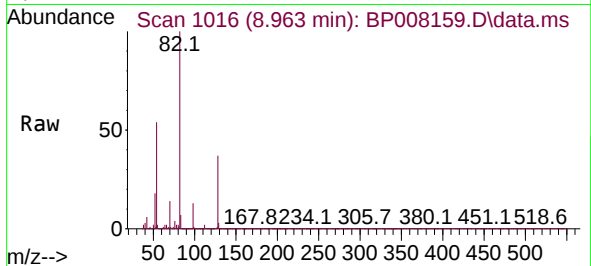




#23
Nitrobenzene-d5
Concen: 70.035 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

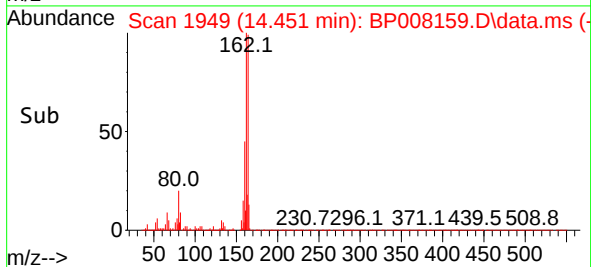
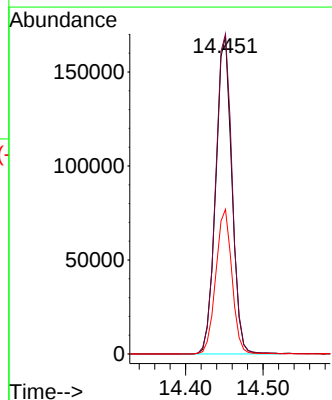
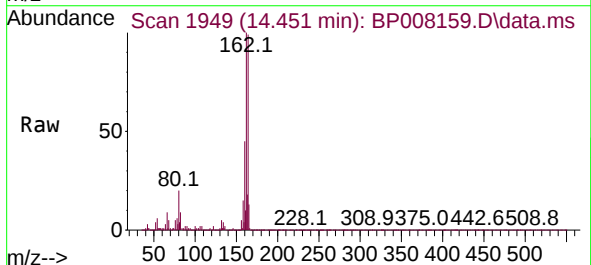
Instrument :
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ClientSampleId :
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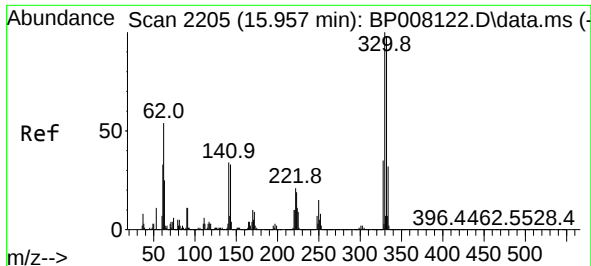
Tgt Ion: 82 Resp: 588596
Ion Ratio Lower Upper
82 100
128 36.9 29.6 44.4
54 53.9 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

Tgt Ion: 164 Resp: 243939
Ion Ratio Lower Upper
164 100
162 100.7 81.9 122.9
160 45.6 35.4 53.0

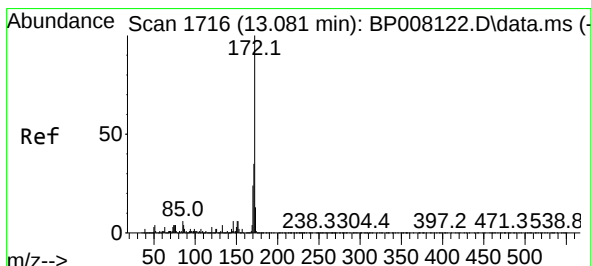
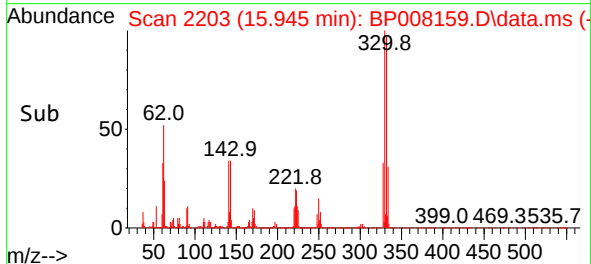
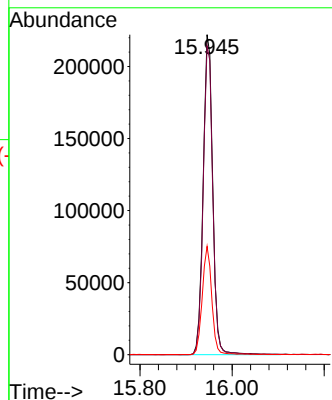
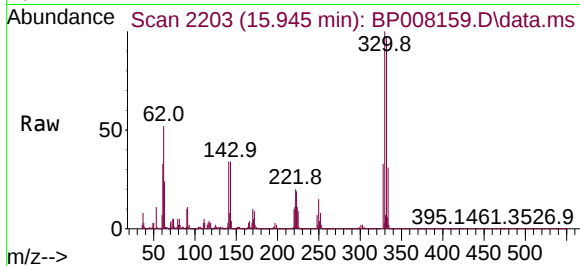




#42
2,4,6-Tribromophenol
Concen: 103.202 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

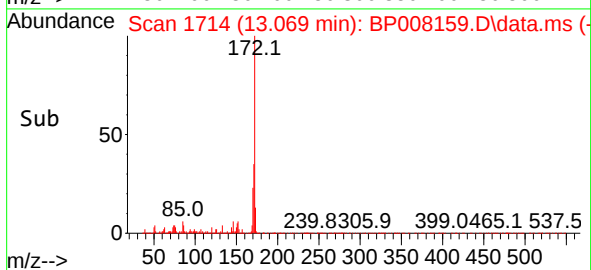
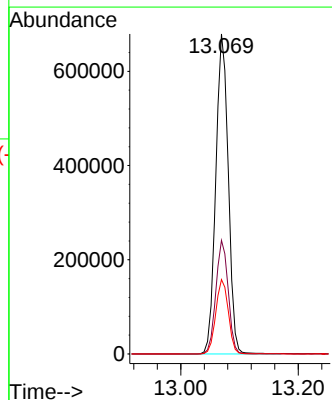
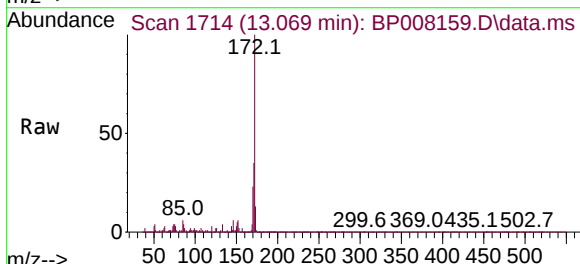
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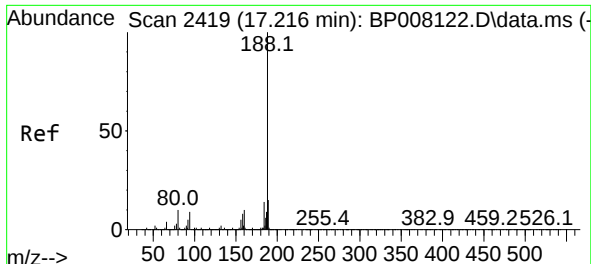
Tgt Ion:330 Resp: 321779
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 33.6 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 59.672 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

Tgt Ion:172 Resp: 1002139
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.3 18.9 28.3

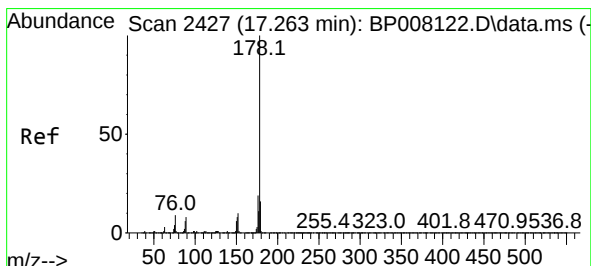
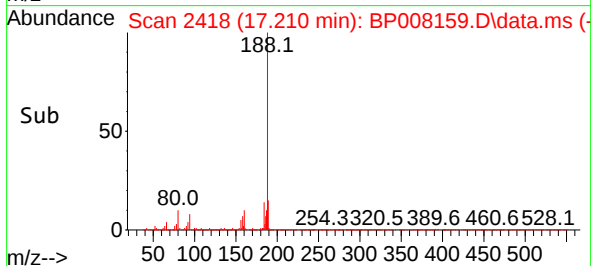
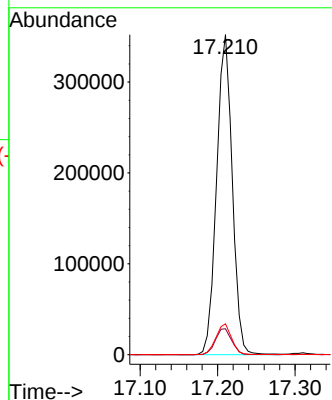
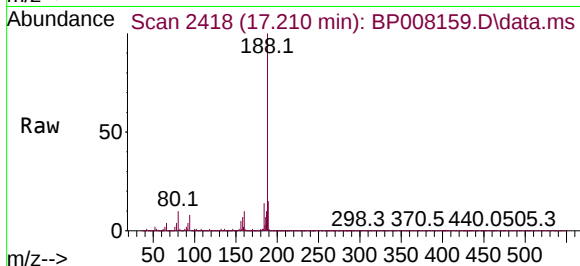




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

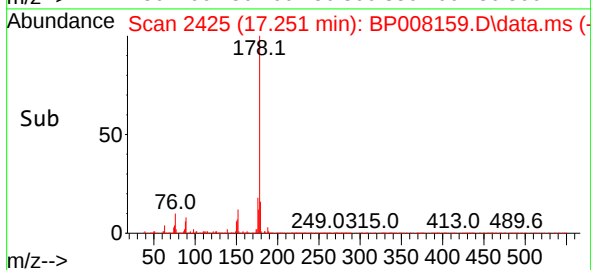
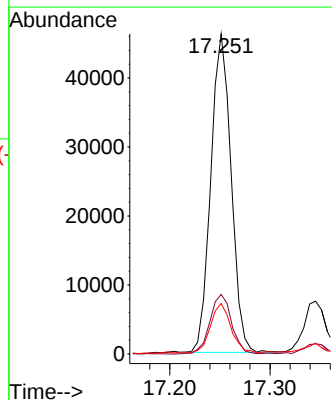
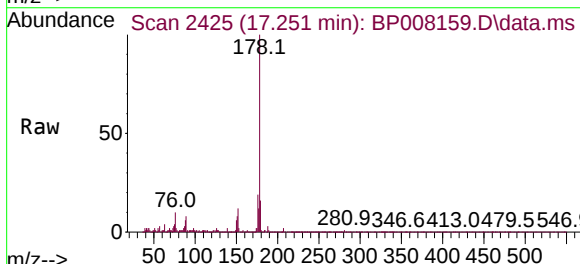
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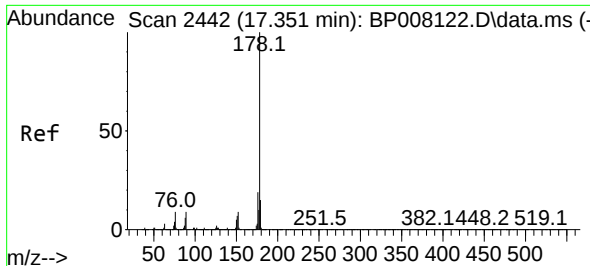
Tgt Ion:188 Resp: 493722
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 9.7 8.2 12.4



#71
Phenanthrene
Concen: 2.497 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

Tgt Ion:178 Resp: 65099
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.8 12.5 18.7

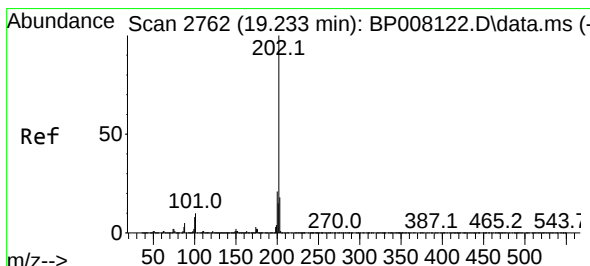
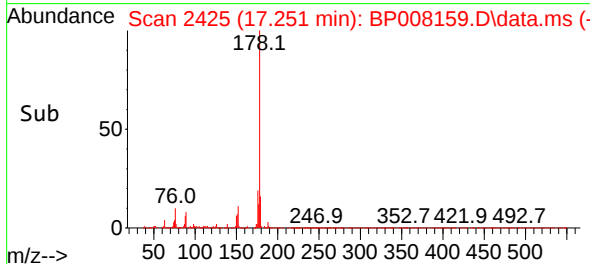
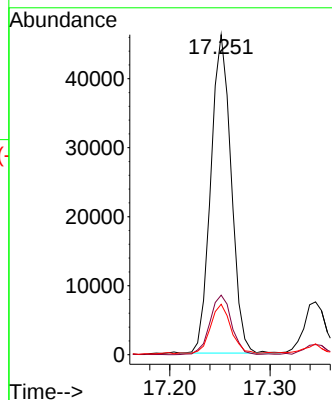
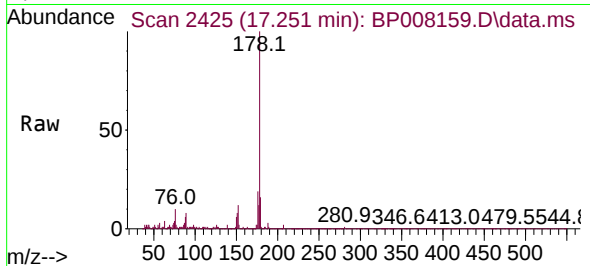




#72
 Anthracene
 Concen: 2.516 ng
 RT: 17.251 min Scan# 2442
 Delta R.T. -0.100 min
 Lab File: BP008159.D
 Acq: 30 Nov 2021 15:34

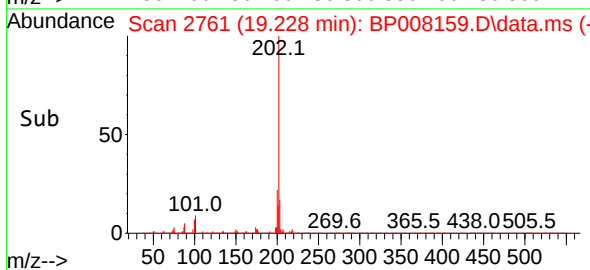
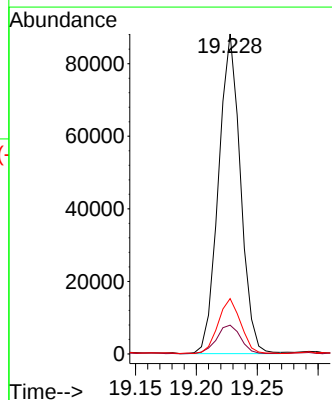
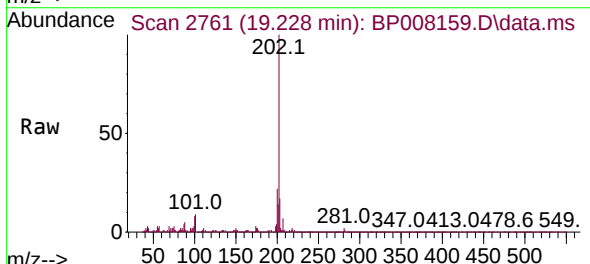
Instrument :
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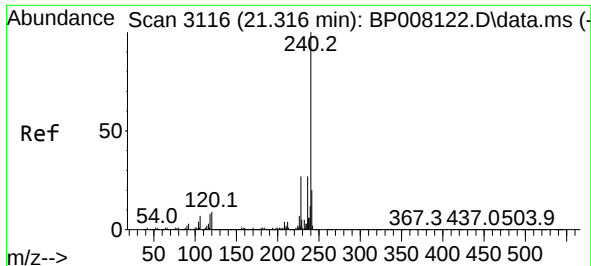
Tgt Ion:178 Resp: 65099
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.1 22.7
 179 15.8 12.3 18.5



#75
 Fluoranthene
 Concen: 3.153 ng
 RT: 19.228 min Scan# 2761
 Delta R.T. -0.005 min
 Lab File: BP008159.D
 Acq: 30 Nov 2021 15:34

Tgt Ion:202 Resp: 110727
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 29.8
 203 17.3 0.0 37.7

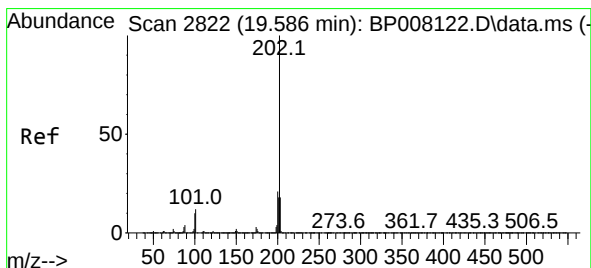
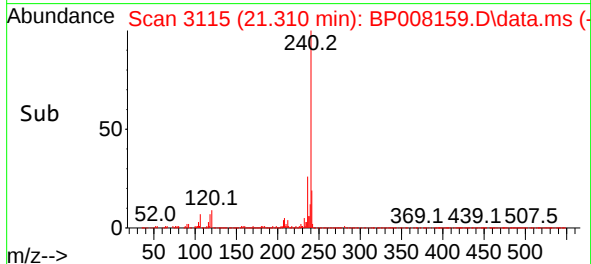
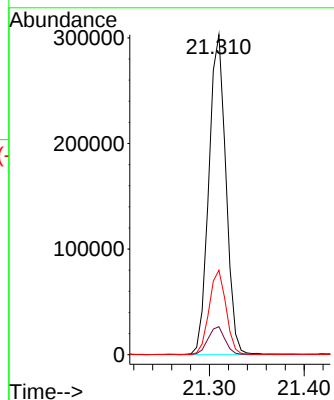
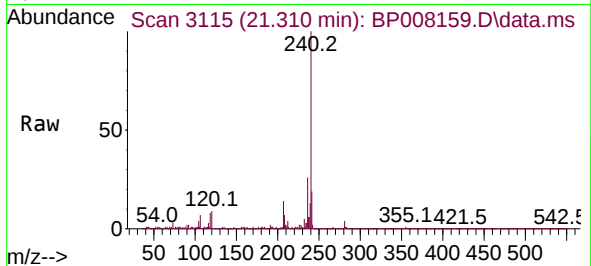




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

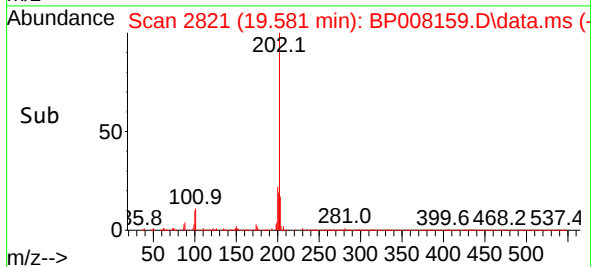
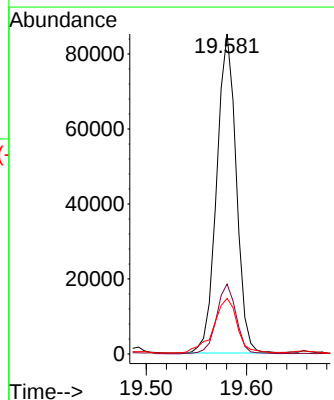
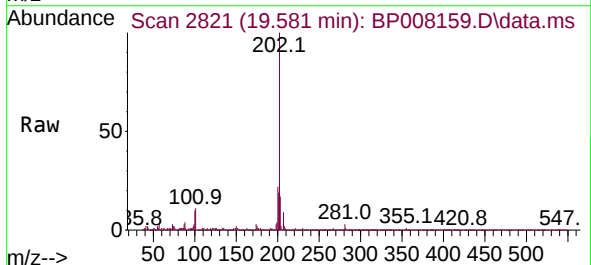
Instrument :
BNA_P
ClientSampleId :
PSC124019

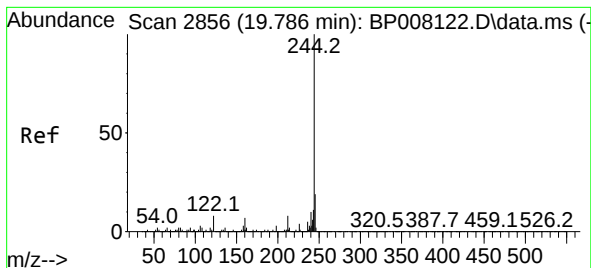
Tgt Ion:240 Resp: 379484
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 26.4 21.4 32.2



#78
Pyrene
Concen: 2.367 ng
RT: 19.581 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

Tgt Ion:202 Resp: 115160
Ion Ratio Lower Upper
202 100
200 21.9 17.1 25.7
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 79.798 ng

RT: 19.781 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP008159.D

Acq: 30 Nov 2021 15:34

Instrument :

BNA_P

ClientSampleId :

PSC124019

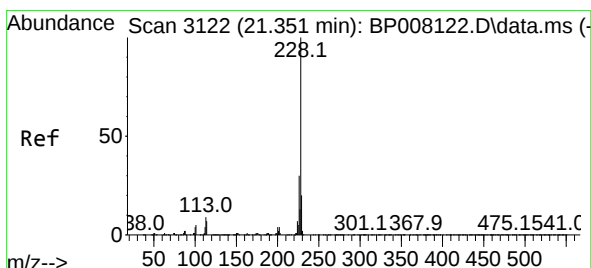
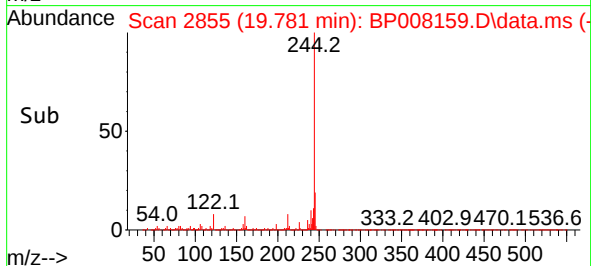
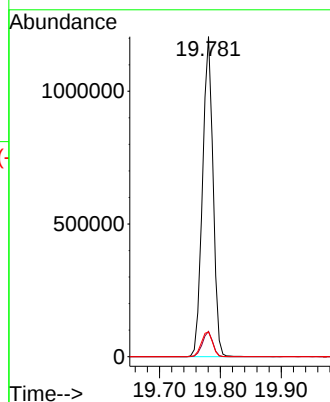
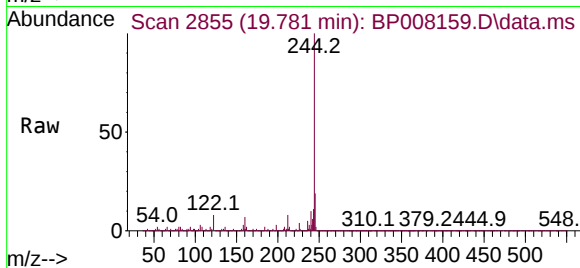
Tgt Ion:244 Resp: 1448949

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

122 7.8 6.6 9.8



#83

Chrysene

Concen: 2.042 ng

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BP008159.D

Acq: 30 Nov 2021 15:34

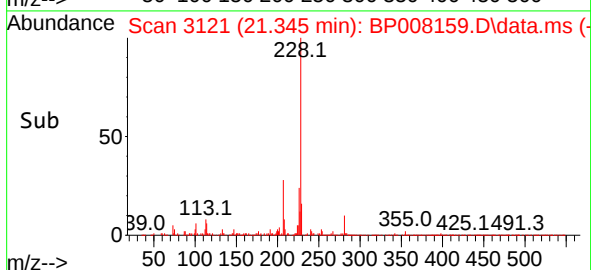
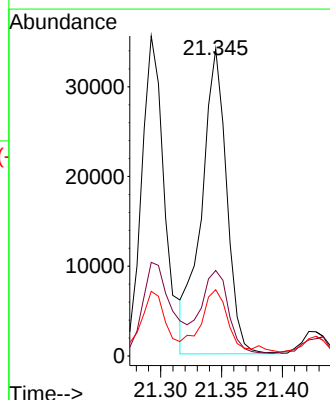
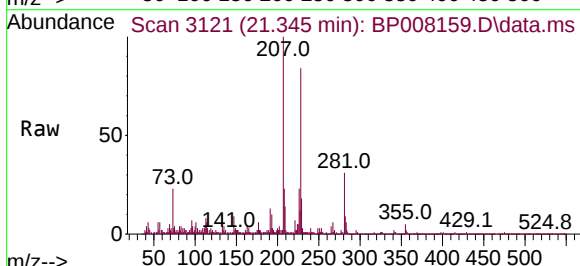
Tgt Ion:228 Resp: 48870

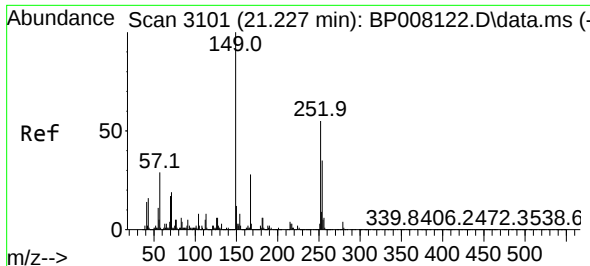
Ion Ratio Lower Upper

228 100

226 27.8 24.0 36.0

229 21.6 15.8 23.8

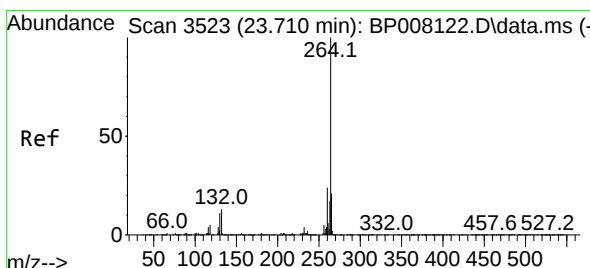
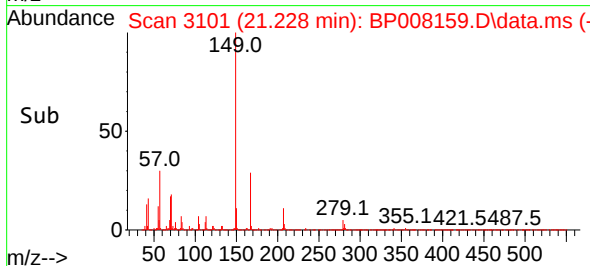
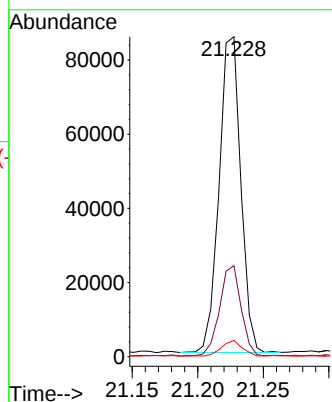
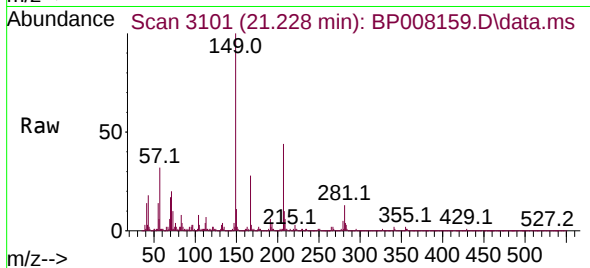




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.962 ng
RT: 21.228 min Scan# 3101
Delta R.T. 0.001 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

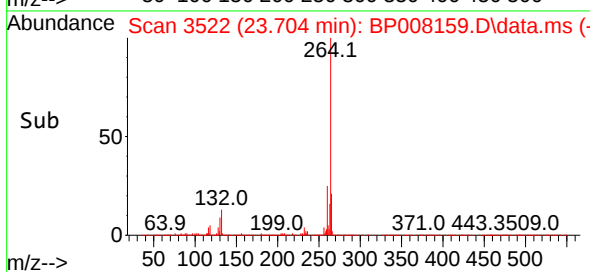
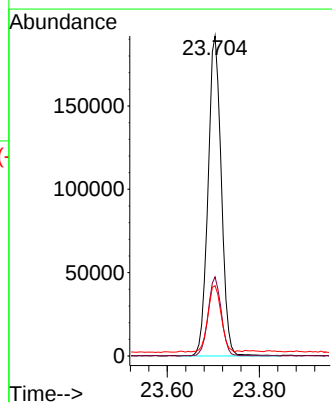
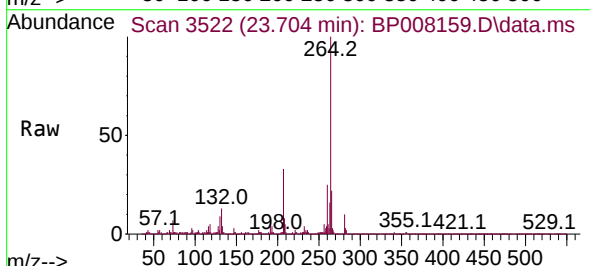
Instrument :
BNA_P
ClientSampleId :
PSC124019

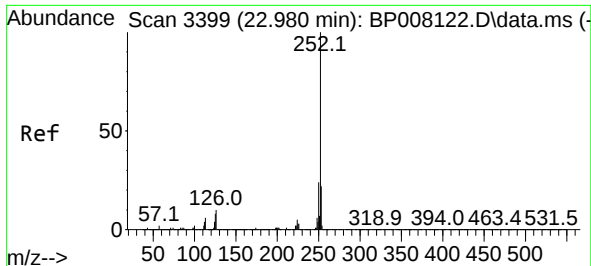
Tgt Ion:149 Resp: 97821
Ion Ratio Lower Upper
149 100
167 28.4 22.5 33.7
279 5.1 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3522
Delta R.T. -0.006 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

Tgt Ion:264 Resp: 385201
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.9 17.6 26.4

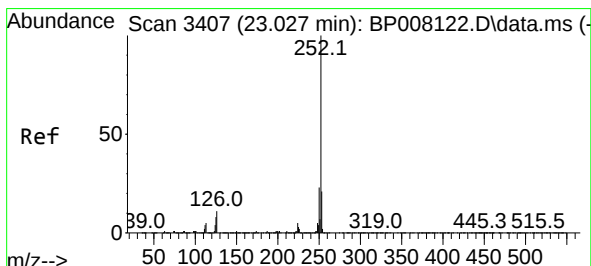
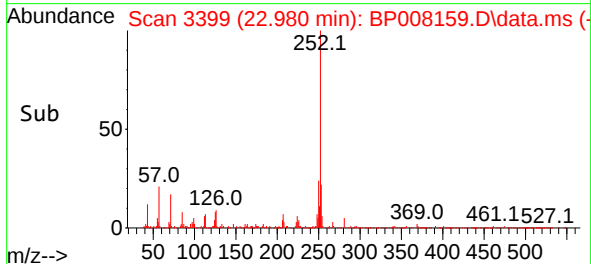
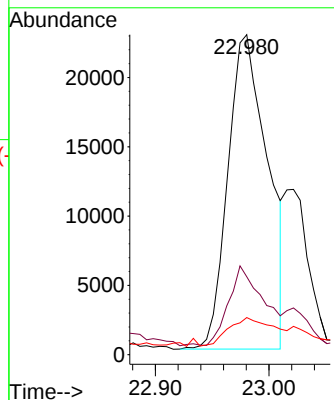
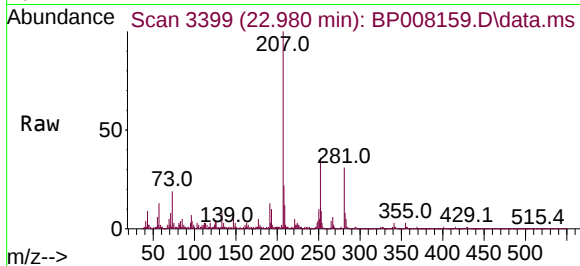




#88
Benzo(b)fluoranthene
Concen: 2.376 ng
RT: 22.980 min Scan# 3399
Delta R.T. 0.000 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

Instrument :
BNA_P
ClientSampleId :
PSC124019

Tgt Ion:252 Resp: 55186
Ion Ratio Lower Upper
252 100
253 24.4 17.7 26.5
125 11.6 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.427 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.047 min
Lab File: BP008159.D
Acq: 30 Nov 2021 15:34

Tgt Ion:252 Resp: 55186
Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 11.6 6.5 9.7#

