

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
 Data File : BP008860.D
 Acq On : 19 Jan 2022 18:42
 Operator : CG/JU
 Sample : N1176-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-9

Quant Time: Jan 20 05:30:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 14 18:05:00 2022
 Response via : Initial Calibration

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

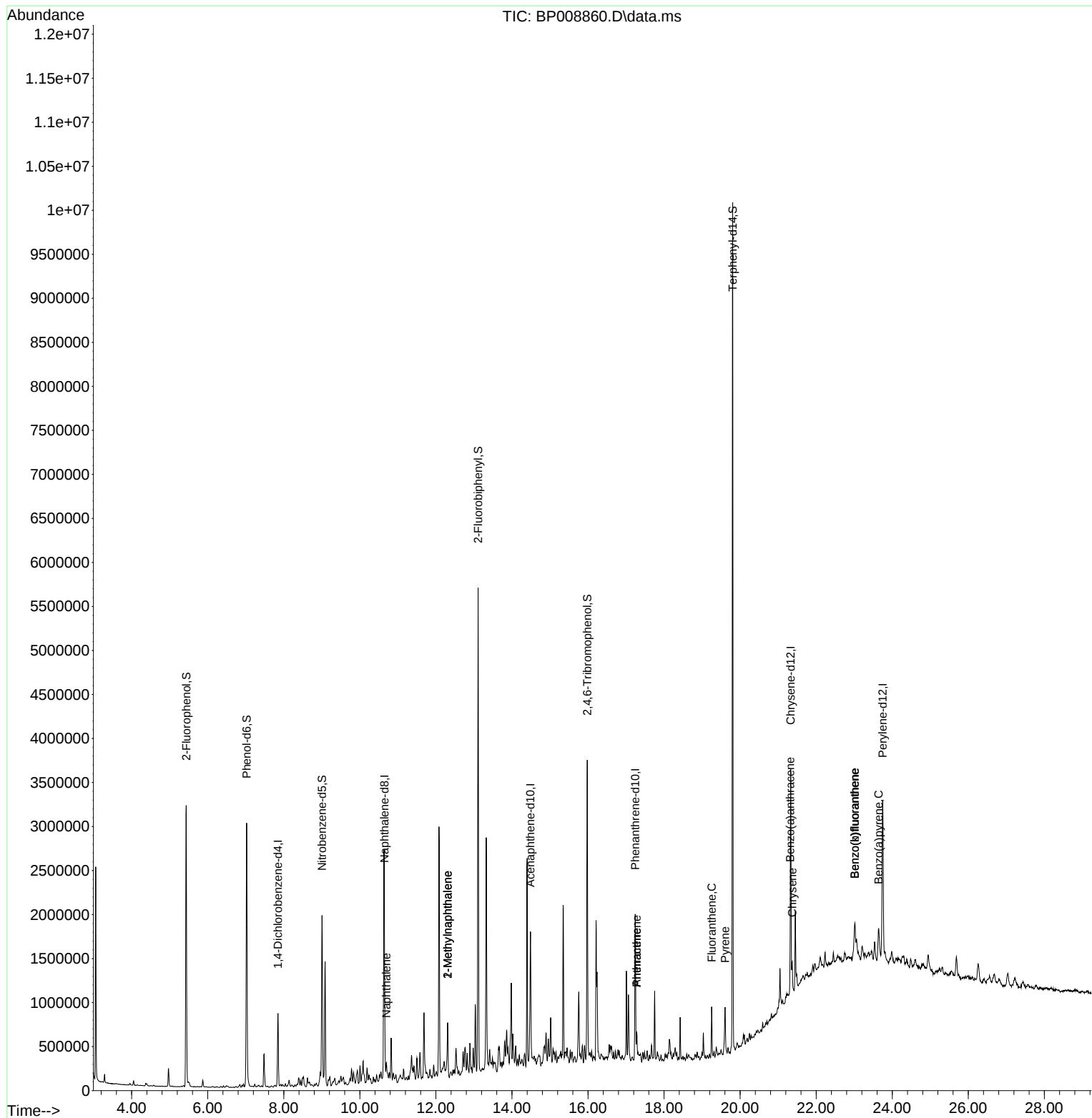
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	236115	20.000	ng	-0.01
21) Naphthalene-d8	10.646	136	854350	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	513471	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	1062207	20.000	ng	-0.01
76) Chrysene-d12	21.327	240	1220025	20.000	ng	-0.02
86) Perylene-d12	23.751	264	1397967	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1559007	102.106	ng	0.00
7) Phenol-d6	7.022	99	1874519	101.384	ng	-0.01
23) Nitrobenzene-d5	9.005	82	1183634	78.655	ng	-0.01
42) 2,4,6-Tribromophenol	15.981	330	730976	97.801	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	2907796	74.680	ng	-0.01
79) Terphenyl-d14	19.804	244	4560736	63.099	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.699	128	132700	2.860	ng	99
37) 2-Methylnaphthalene	12.310	142	236847	6.982	ng	97
38) 1-Methylnaphthalene	12.310	142	235090	7.550	ng	98
71) Phenanthrene	17.281	178	195555	3.270	ng	99
72) Anthracene	17.281	178	195555	3.260	ng	97
75) Fluoranthene	19.251	202	322019	4.842	ng	98
78) Pyrene	19.604	202	323825	3.804	ng	98
81) Benzo(a)anthracene	21.316	228	231962	2.826	ng	99
83) Chrysene	21.369	228	210182	2.642	ng	96
88) Benzo(b)fluoranthene	23.016	252	437458	4.686	ng	# 92
89) Benzo(k)fluoranthene	23.016	252	437458	4.841	ng	# 92
90) Benzo(a)pyrene	23.639	252	244643	2.715	ng	# 91

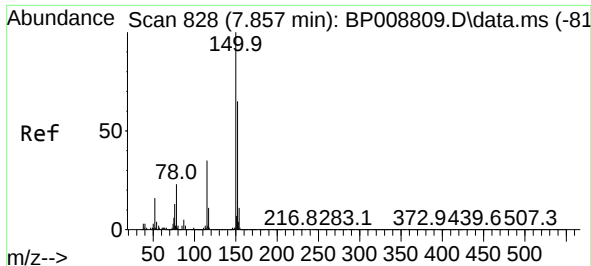
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011922\
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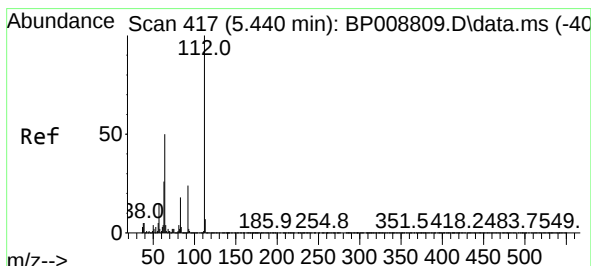
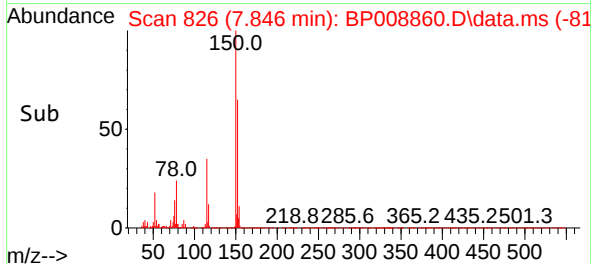
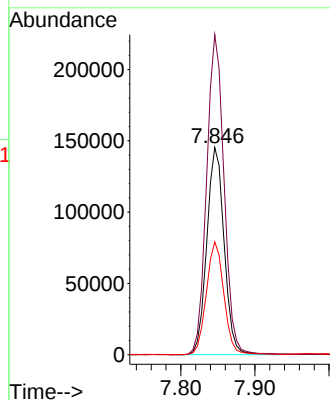
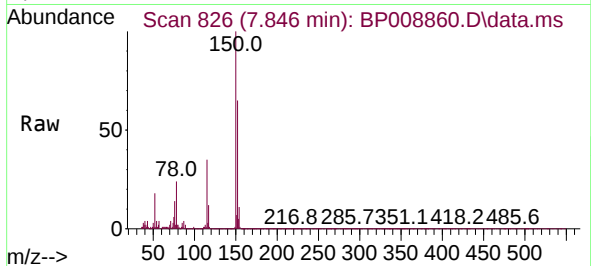




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

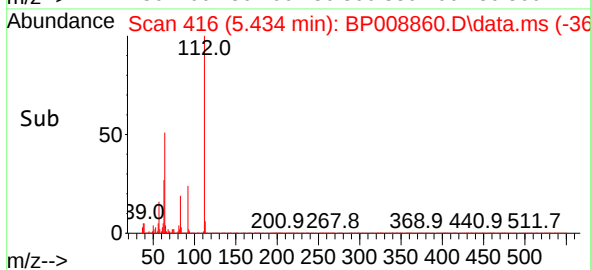
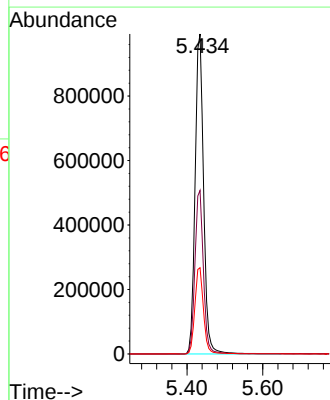
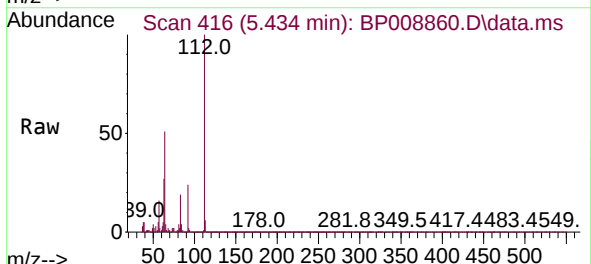
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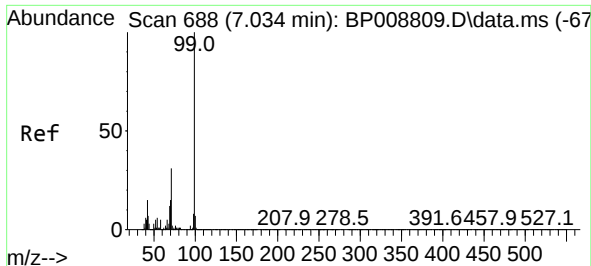
Tgt Ion:152 Resp: 236115
Ion Ratio Lower Upper
152 100
150 154.4 127.0 190.6
115 54.4 43.7 65.5



#5
2-Fluorophenol
Concen: 102.106 ng
RT: 5.434 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

Tgt Ion:112 Resp: 1559007
Ion Ratio Lower Upper
112 100
64 51.1 39.7 59.5
63 27.0 20.0 30.0

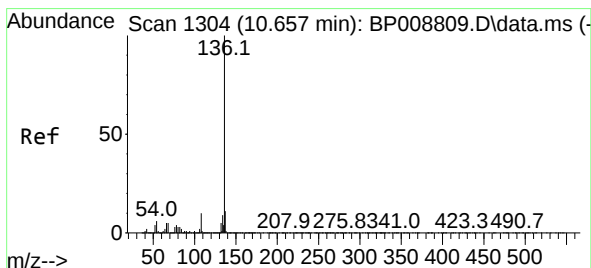
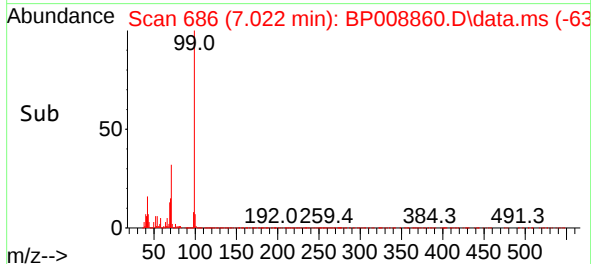
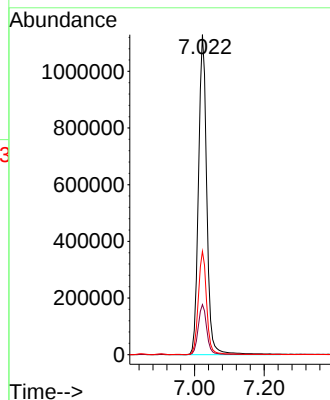
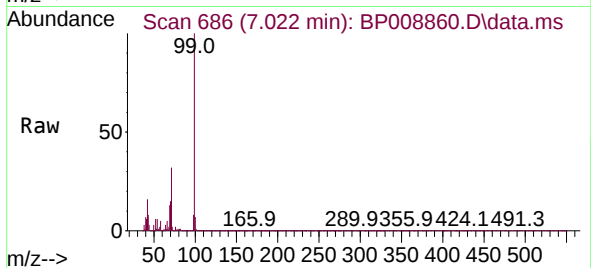




#7
Phenol-d6
Concen: 101.384 ng
RT: 7.022 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

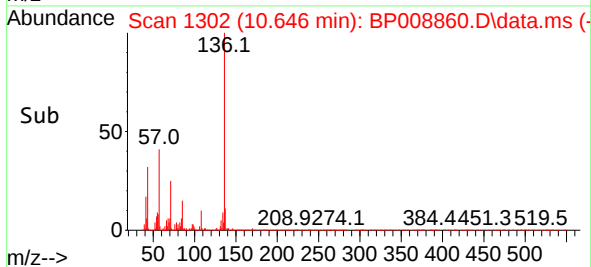
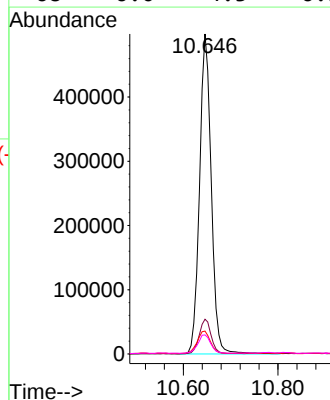
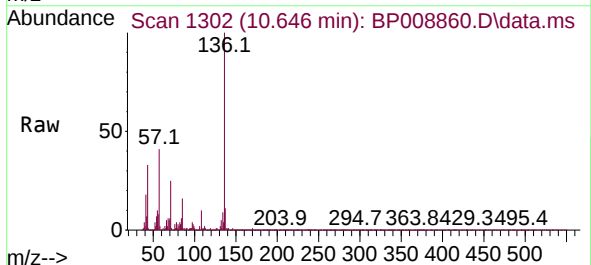
Instrument :
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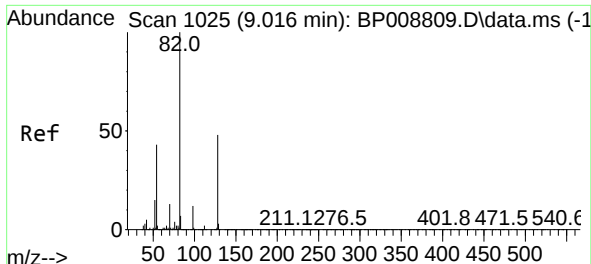
Tgt Ion: 99 Resp: 1874519
Ion Ratio Lower Upper
99 100
42 15.6 10.8 16.2
71 32.3 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1302
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

Tgt Ion:136 Resp: 854350
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.2 4.9 7.3
68 6.0 4.3 6.5

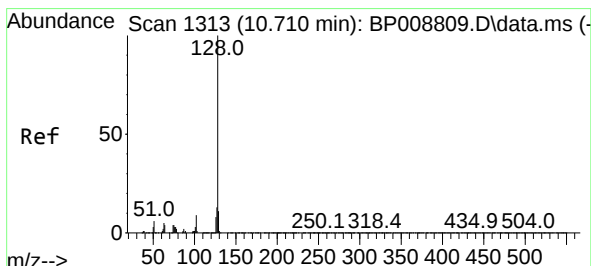
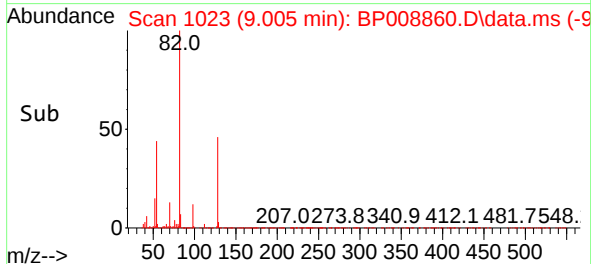
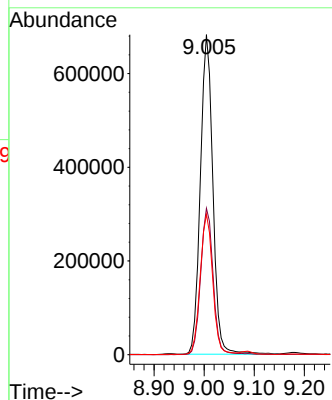
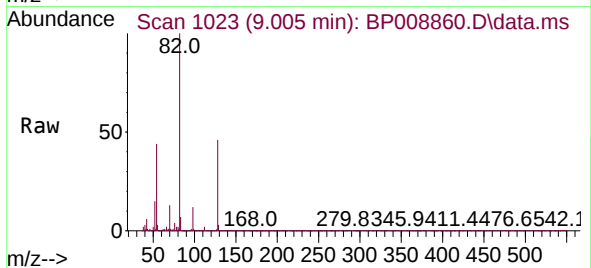




#23
Nitrobenzene-d5
Concen: 78.655 ng
RT: 9.005 min Scan# 1023
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

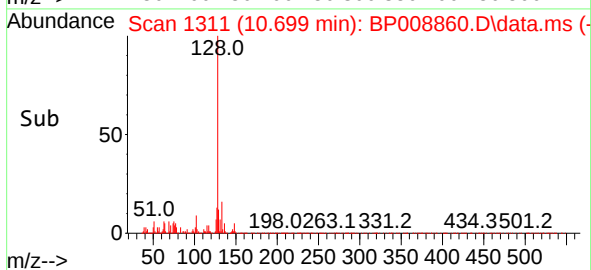
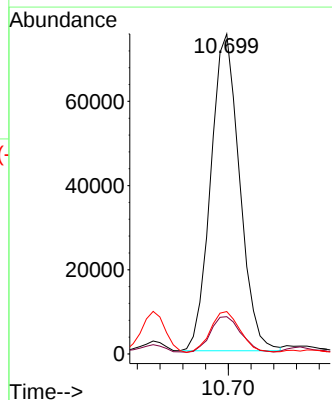
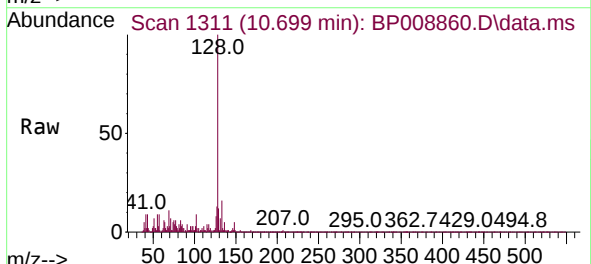
Instrument :
BNA_P
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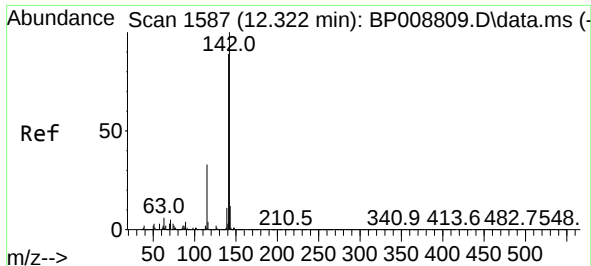
Tgt Ion: 82 Resp: 1183634
Ion Ratio Lower Upper
82 100
128 45.7 39.4 59.2
54 43.9 32.6 48.8



#31
Naphthalene
Concen: 2.860 ng
RT: 10.699 min Scan# 1311
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

Tgt Ion: 128 Resp: 132700
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.2 10.4 15.6

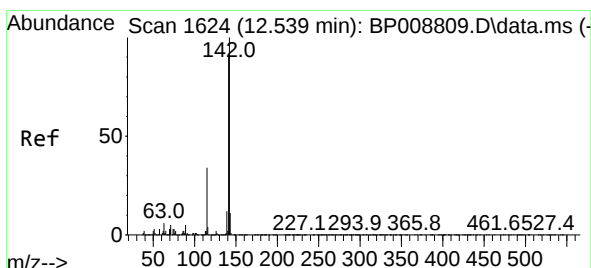
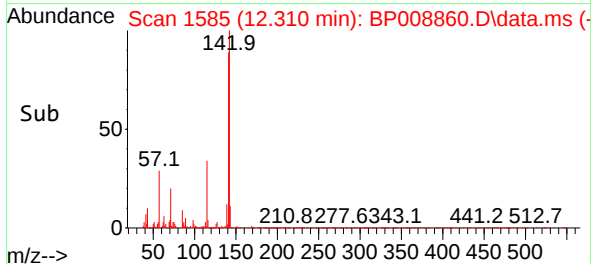
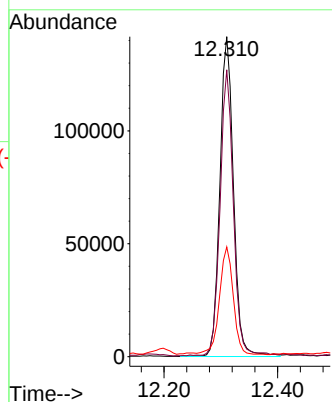
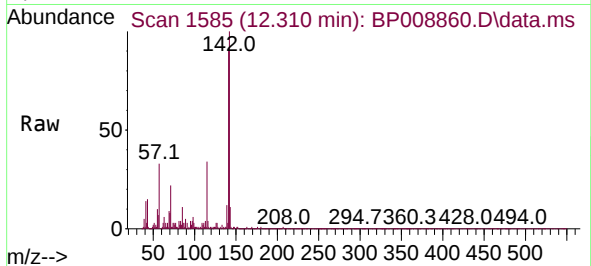




#37
2-Methylnaphthalene
Concen: 6.982 ng
RT: 12.310 min Scan# 1585
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

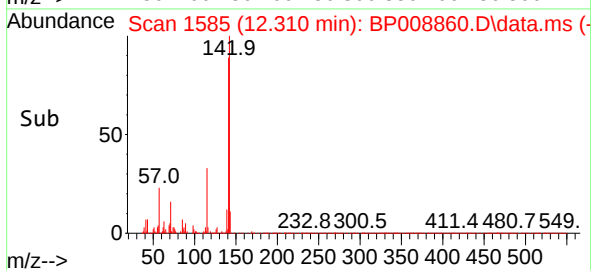
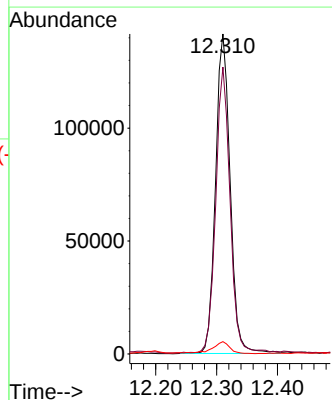
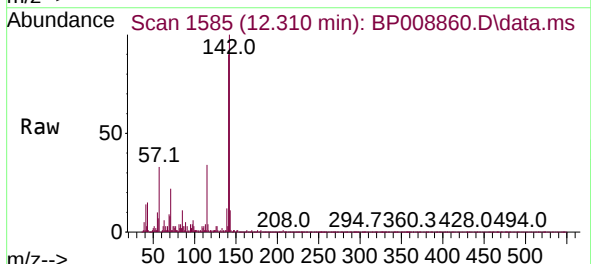
Instrument :
BNA_P
ClientSampleId :
SB-9

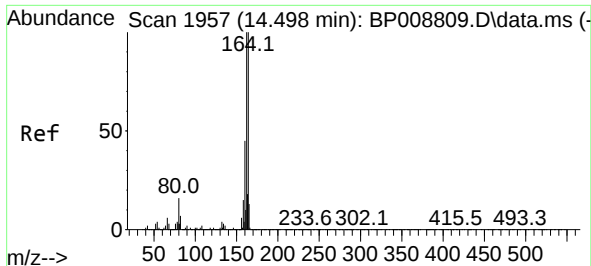
Tgt Ion:142 Resp: 236847
Ion Ratio Lower Upper
142 100
141 89.6 70.5 105.7
115 34.3 24.6 36.8



#38
1-Methylnaphthalene
Concen: 7.550 ng
RT: 12.310 min Scan# 1585
Delta R.T. -0.229 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

Tgt Ion:142 Resp: 235090
Ion Ratio Lower Upper
142 100
141 89.6 73.2 109.8
116 3.9 2.7 4.1

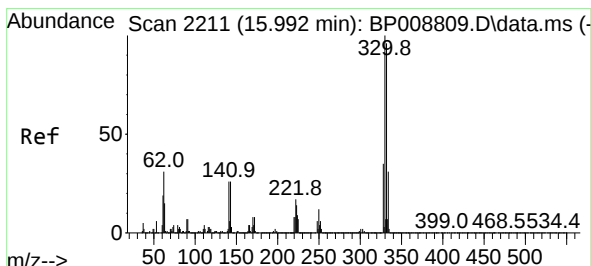
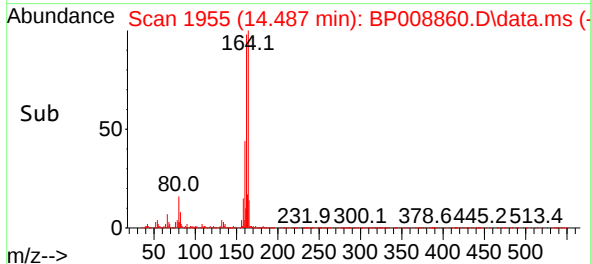
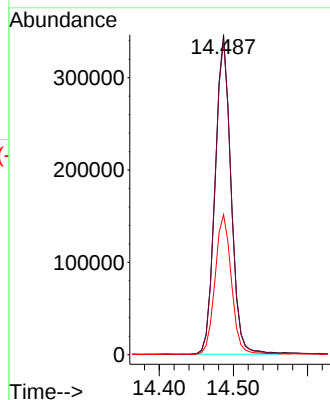
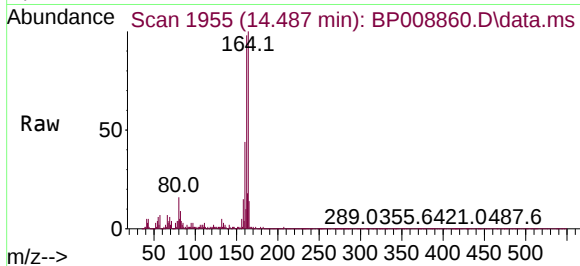




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1955
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

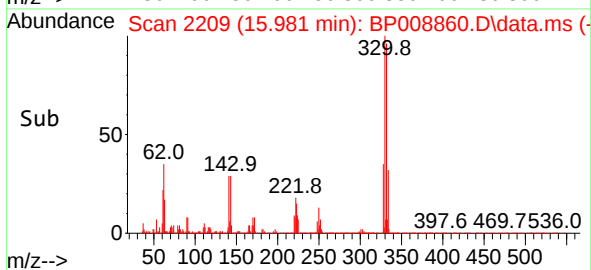
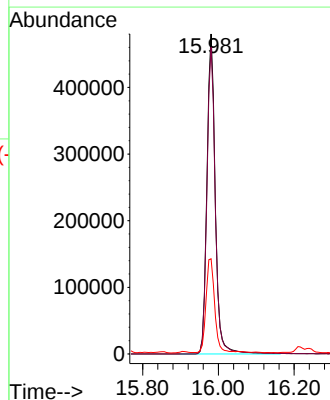
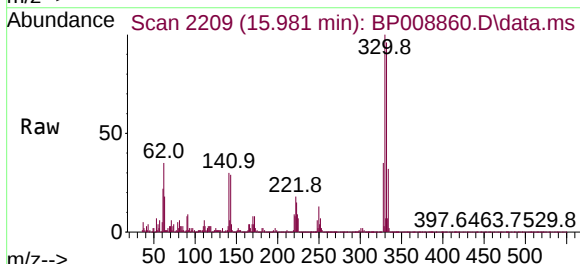
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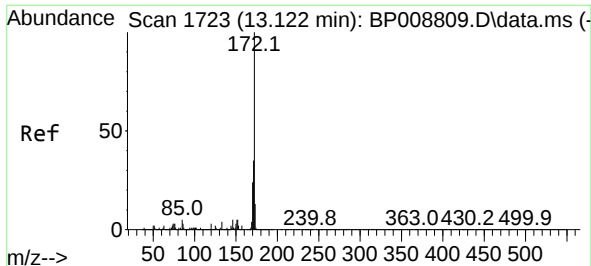
Tgt Ion:164 Resp: 513471
Ion Ratio Lower Upper
164 100
162 98.1 79.9 119.9
160 43.7 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 97.801 ng
RT: 15.981 min Scan# 2209
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

Tgt Ion:330 Resp: 730976
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 30.3 21.3 31.9

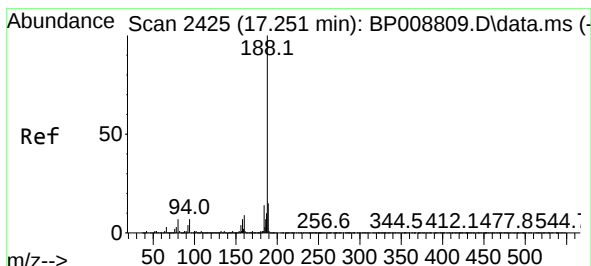
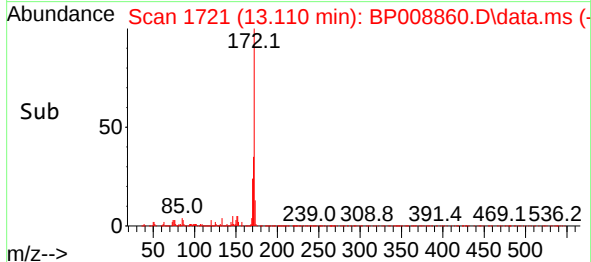
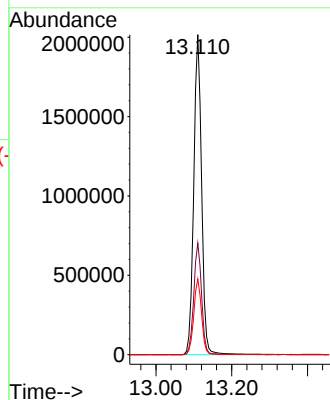
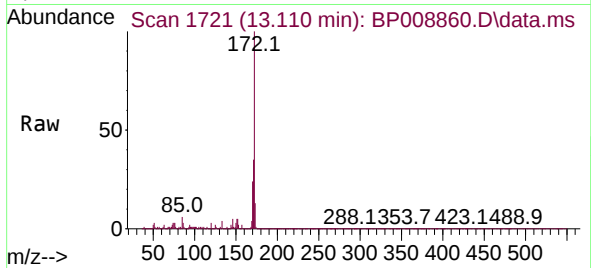




#45
2-Fluorobiphenyl
Concen: 74.680 ng
RT: 13.110 min Scan# 11
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

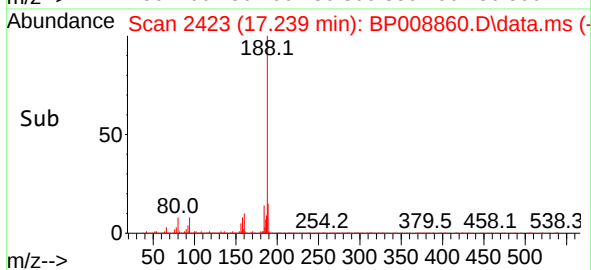
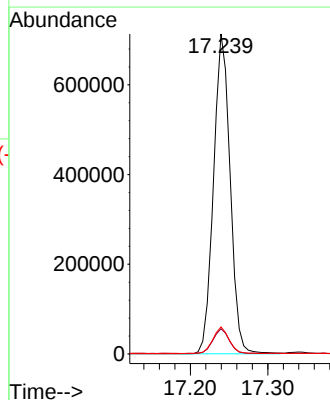
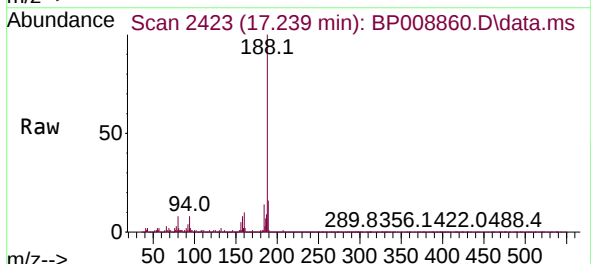
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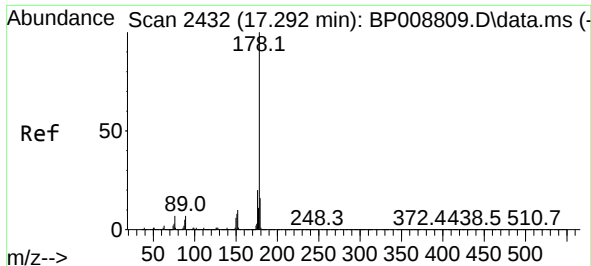
Tgt Ion:172 Resp: 2907796
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 23.6 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

Tgt Ion:188 Resp: 1062207
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.4 7.2 10.8

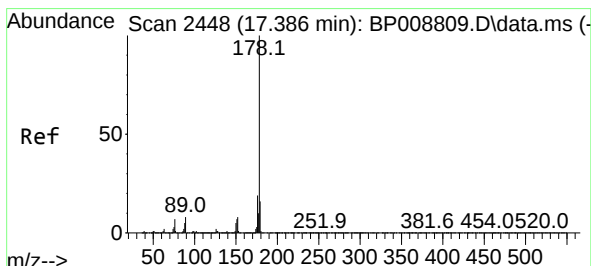
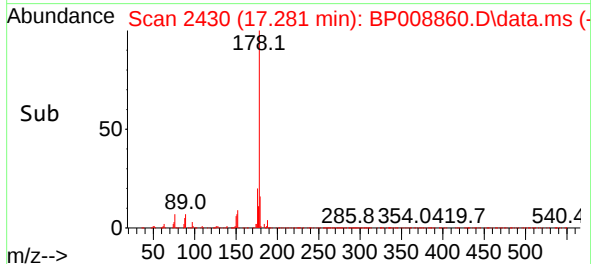
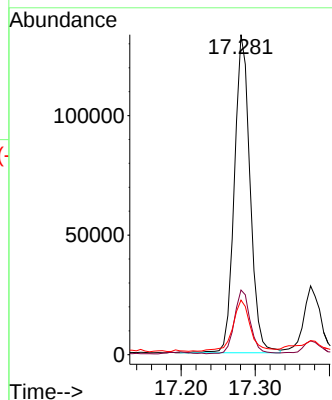
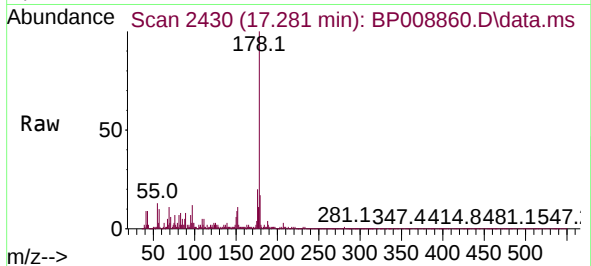




#71
Phenanthrene
Concen: 3.270 ng
RT: 17.281 min Scan# 2430
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

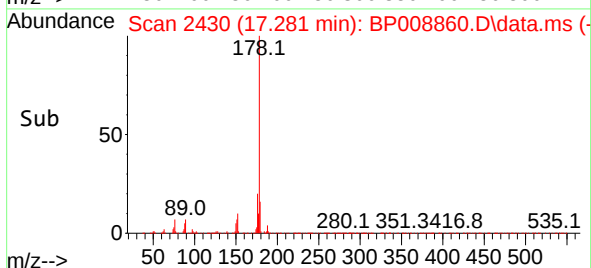
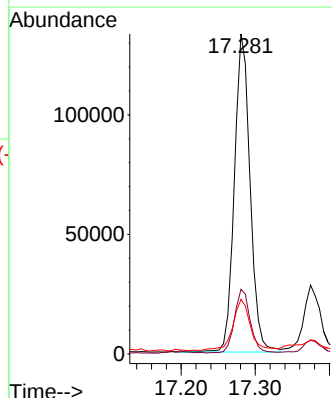
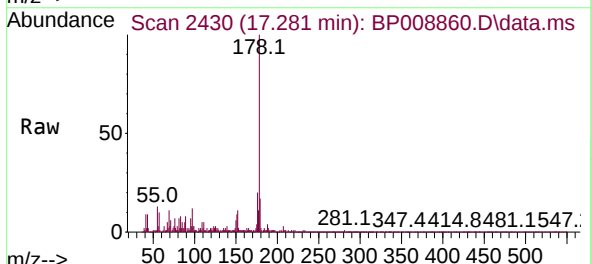
Instrument :
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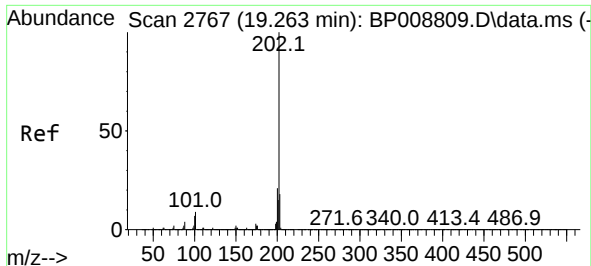
Tgt Ion:178 Resp: 195555
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 17.0 13.0 19.4



#72
Anthracene
Concen: 3.260 ng
RT: 17.281 min Scan# 2430
Delta R.T. -0.106 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

Tgt Ion:178 Resp: 195555
Ion Ratio Lower Upper
178 100
176 20.2 15.1 22.7
179 17.0 12.8 19.2

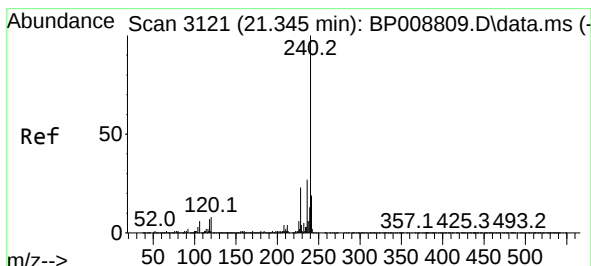
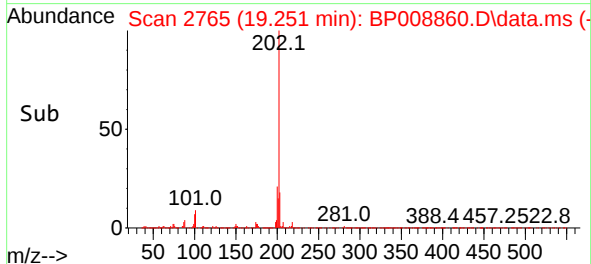
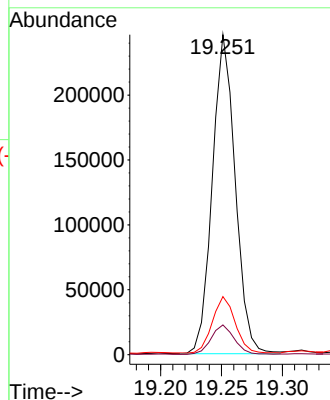
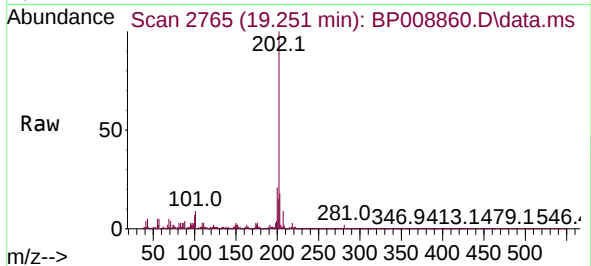




#75
Fluoranthene
Concen: 4.842 ng
RT: 19.251 min Scan# 21
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

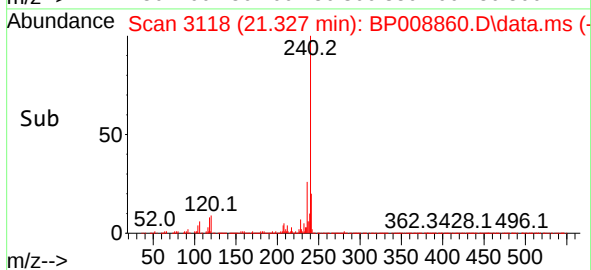
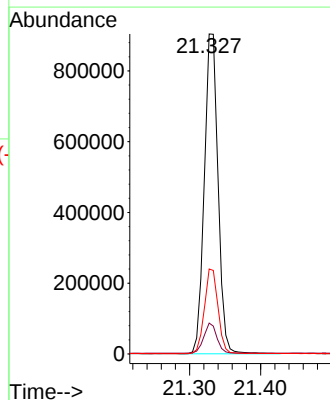
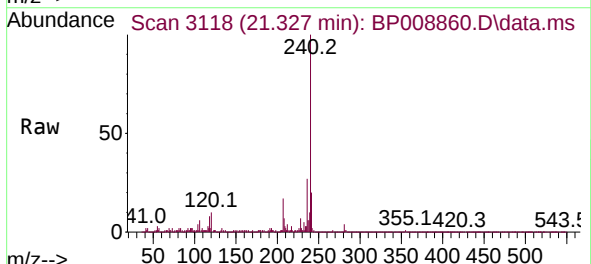
Instrument :
BNA_P
ClientSampleId :
SB-9

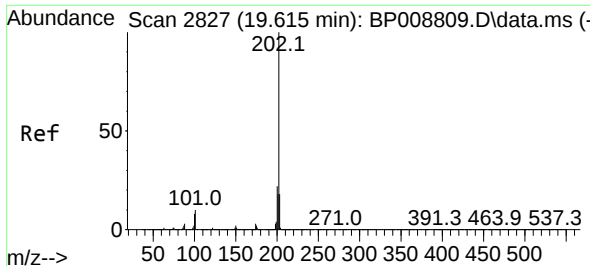
Tgt Ion:202 Resp: 322019
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.7
203 18.2 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.017 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

Tgt Ion:240 Resp: 1220025
Ion Ratio Lower Upper
240 100
120 9.7 7.7 11.5
236 26.5 21.2 31.8

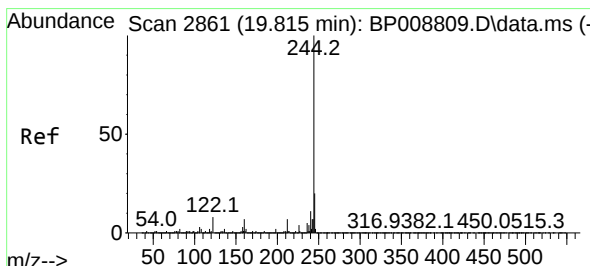
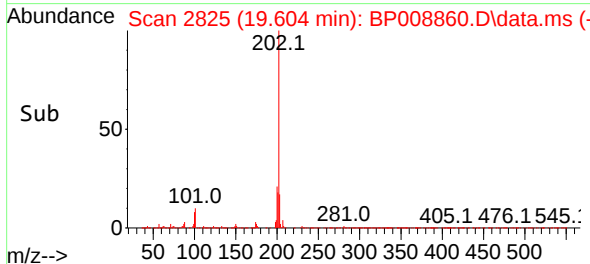
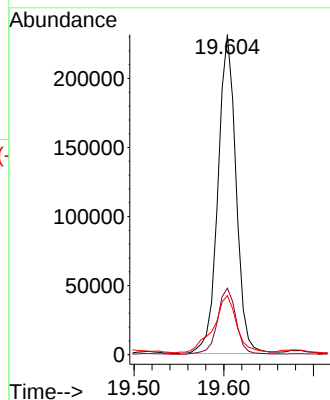
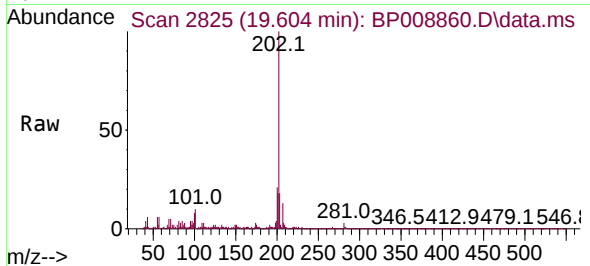




#78
Pyrene
Concen: 3.804 ng
RT: 19.604 min Scan# 2825
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

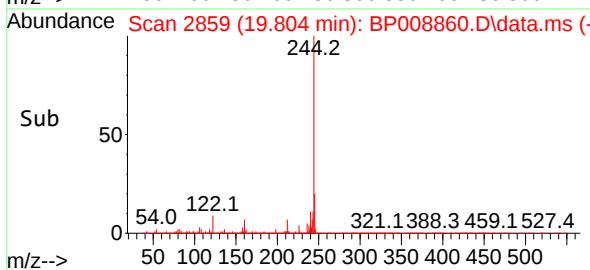
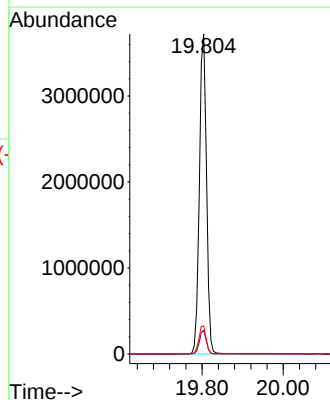
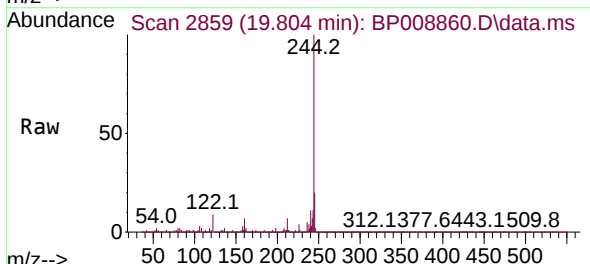
Instrument :
BNA_P
ClientSampleId :
SB-9

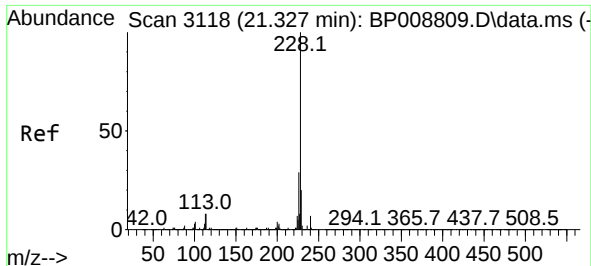
Tgt Ion:202 Resp: 323825
Ion Ratio Lower Upper
202 100
200 20.8 18.0 27.0
203 18.5 15.0 22.6



#79
Terphenyl-d14
Concen: 63.099 ng
RT: 19.804 min Scan# 2859
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

Tgt Ion:244 Resp: 4560736
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 8.6 9.2 13.8#

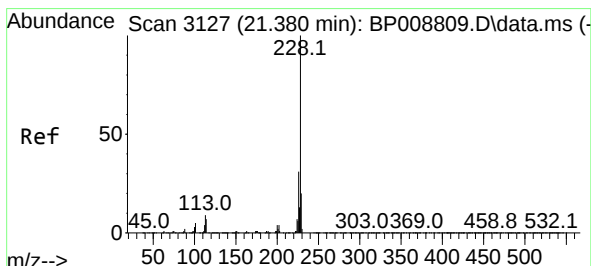
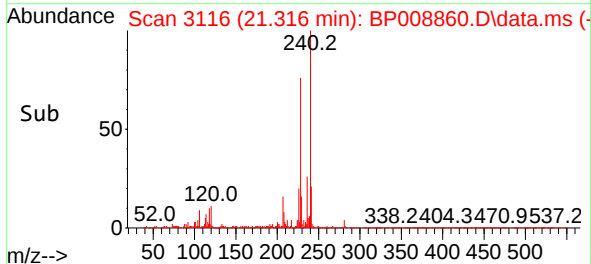
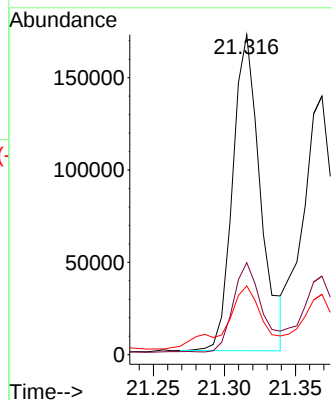
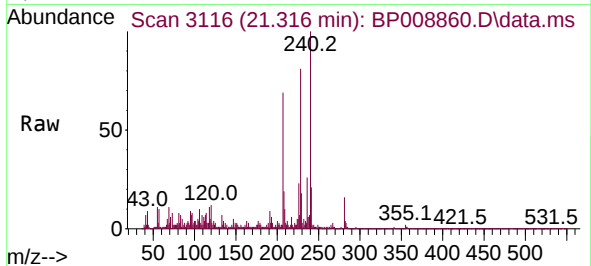




#81
Benzo(a)anthracene
Concen: 2.826 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

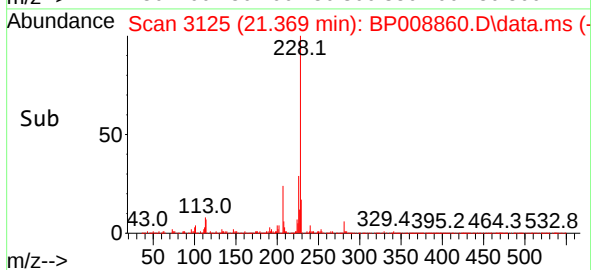
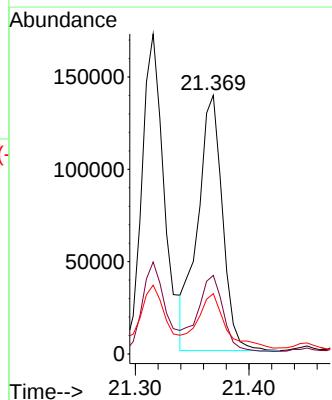
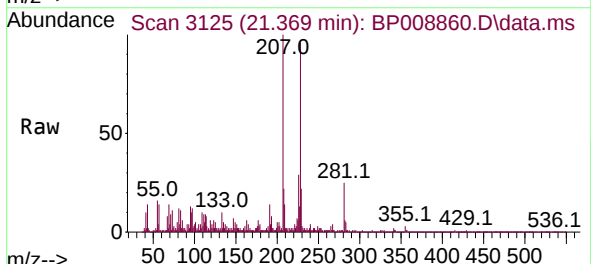
Instrument :
BNA_P
ClientSampleId :
SB-9

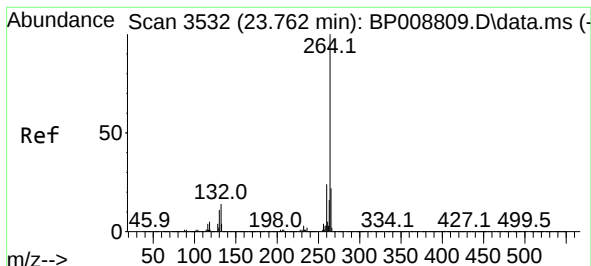
Tgt Ion:228 Resp: 231962
Ion Ratio Lower Upper
228 100
226 28.8 23.3 34.9
229 21.5 17.0 25.6



#83
Chrysene
Concen: 2.642 ng
RT: 21.369 min Scan# 3125
Delta R.T. -0.011 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

Tgt Ion:228 Resp: 210182
Ion Ratio Lower Upper
228 100
226 30.4 26.0 39.0
229 23.3 16.9 25.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 31

Delta R.T. -0.011 min

Lab File: BP008860.D

Acq: 19 Jan 2022 18:42

Instrument :

BNA_P

ClientSampleId :

SB-9

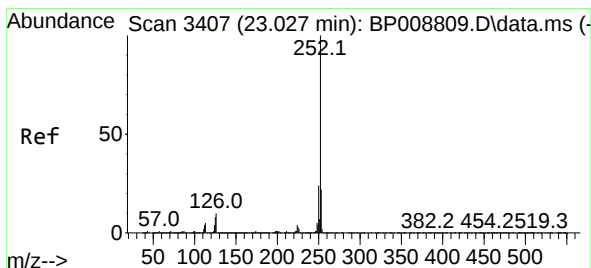
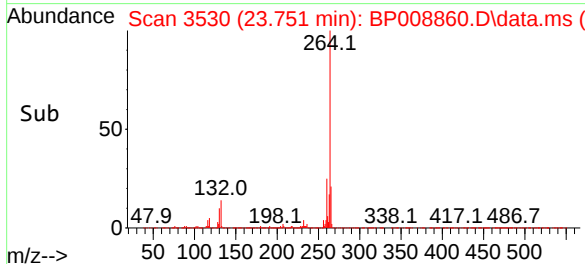
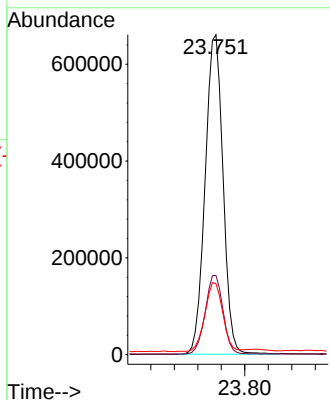
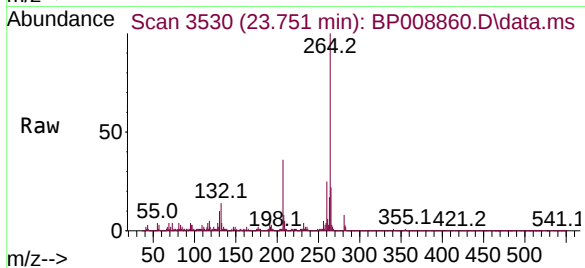
Tgt Ion:264 Resp: 1397967

Ion Ratio Lower Upper

264 100

260 24.8 19.1 28.7

265 22.2 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 4.686 ng

RT: 23.016 min Scan# 3405

Delta R.T. -0.011 min

Lab File: BP008860.D

Acq: 19 Jan 2022 18:42

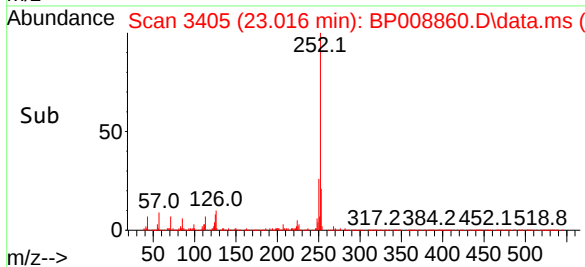
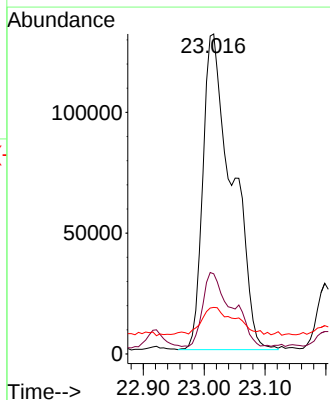
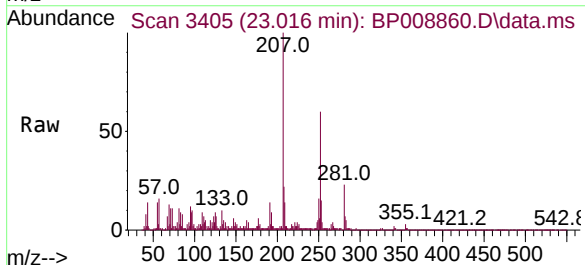
Tgt Ion:252 Resp: 437458

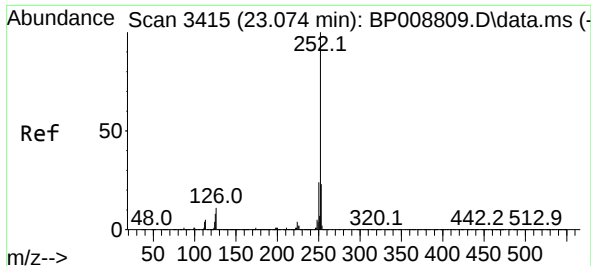
Ion Ratio Lower Upper

252 100

253 25.0 18.0 27.0

125 14.6 6.9 10.3#

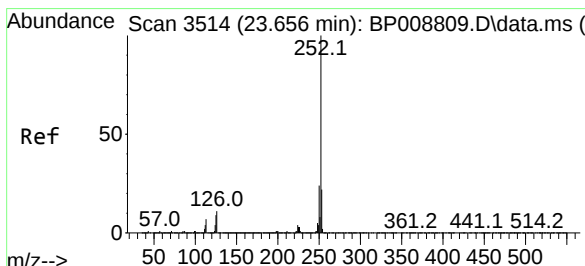
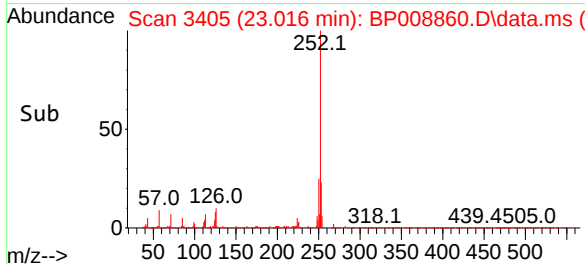
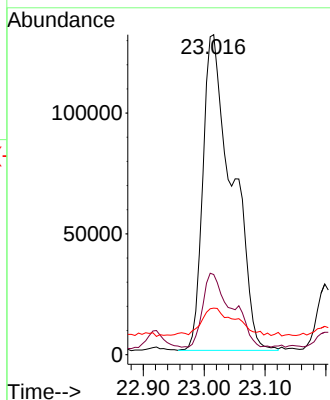
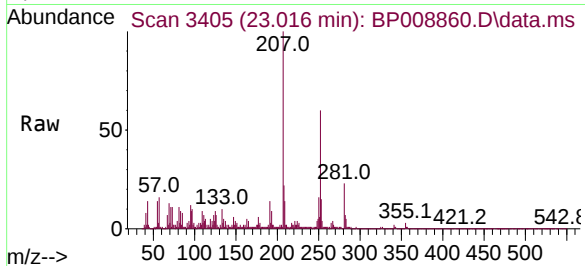




#89
Benzo(k)fluoranthene
Concen: 4.841 ng
RT: 23.016 min Scan# 3415
Delta R.T. -0.059 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

Instrument :
BNA_P
ClientSampleId :
SB-9

Tgt Ion:252 Resp: 437458
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.2
125 14.6 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 2.715 ng
RT: 23.639 min Scan# 3511
Delta R.T. -0.017 min
Lab File: BP008860.D
Acq: 19 Jan 2022 18:42

Tgt Ion:252 Resp: 244643
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.8
125 15.4 7.8 11.6#

