

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
 Data File : BP008678.D
 Acq On : 05 Jan 2022 00:22
 Operator : CG/JU
 Sample : M5342-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-9-(0-2)

Quant Time: Jan 05 04:29:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

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

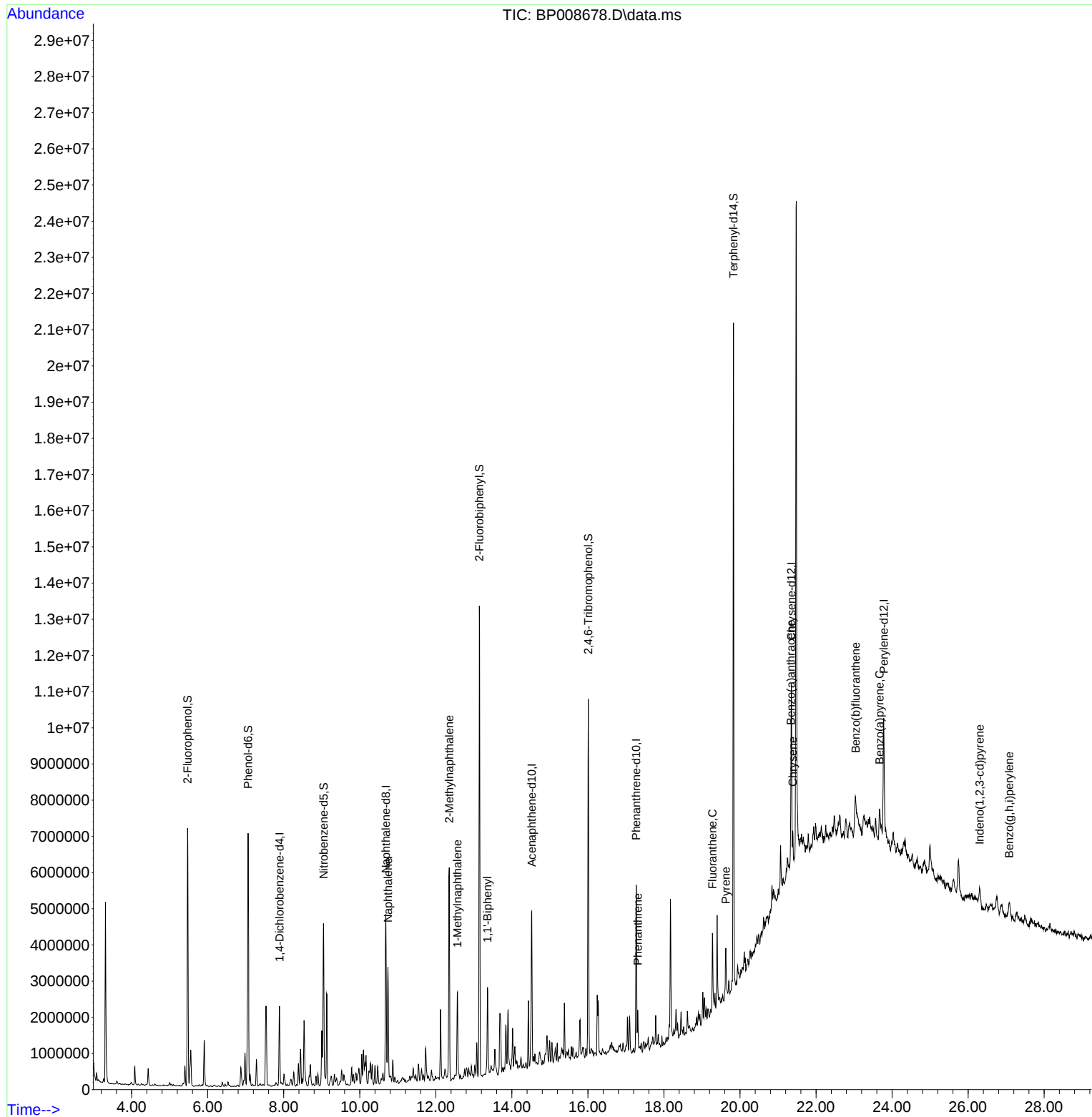
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	629782	20.000	ng	-0.01
21) Naphthalene-d8	10.687	136	2444149	20.000	ng	-0.01
39) Acenaphthene-d10	14.522	164	1568764	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	3067276	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2359868	20.000	ng	-0.01
86) Perylene-d12	23.780	264	2574079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3534966	102.452	ng	0.00
7) Phenol-d6	7.064	99	4347420	90.523	ng	0.00
23) Nitrobenzene-d5	9.046	82	2692568	65.535	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	2260627	106.509	ng	0.00
45) 2-Fluorobiphenyl	13.146	172	7340374	67.791	ng	-0.01
79) Terphenyl-d14	19.828	244	8892094	76.935	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.740	128	2659139	20.961	ng	99
37) 2-Methylnaphthalene	12.351	142	2956532	30.962	ng	99
38) 1-Methylnaphthalene	12.569	142	1177192	12.609	ng	100
46) 1,1'-Biphenyl	13.357	154	376083	3.241	ng	97
71) Phenanthrene	17.310	178	757202	4.579	ng	99
75) Fluoranthene	19.275	202	904464	4.755	ng	99
78) Pyrene	19.628	202	829095	5.400	ng	98
81) Benzo(a)anthracene	21.339	228	608776	3.976	ng	# 93
83) Chrysene	21.386	228	698843	4.882	ng	# 93
87) Indeno(1,2,3-cd)pyrene	26.304	276	433148	2.505	ng	97
88) Benzo(b)fluoranthene	23.039	252	798709	4.825	ng	# 81
90) Benzo(a)pyrene	23.669	252	555422	4.162	ng	# 80
92) Benzo(g,h,i)perylene	27.080	276	529166	3.880	ng	# 87

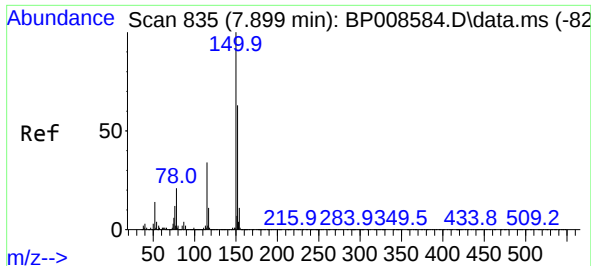
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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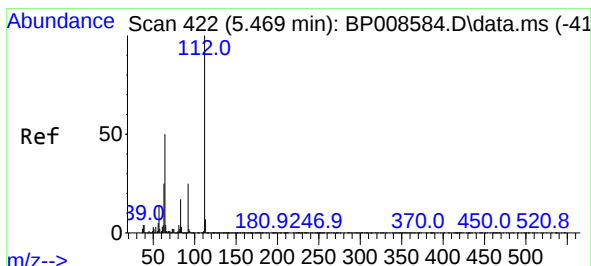
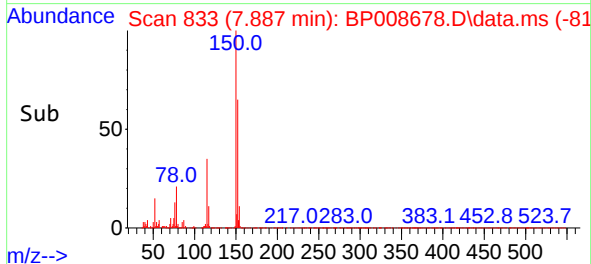
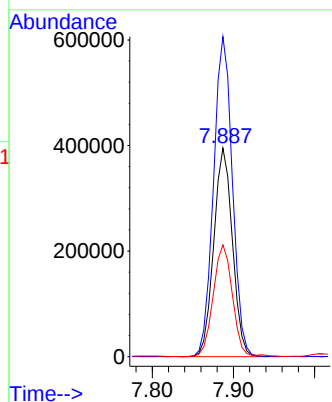
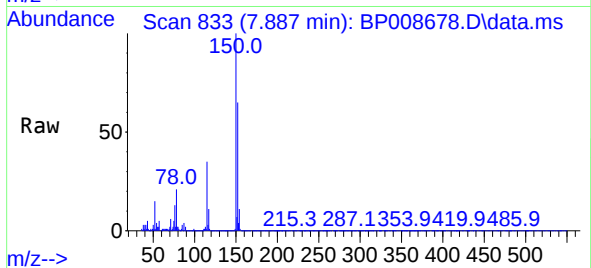




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

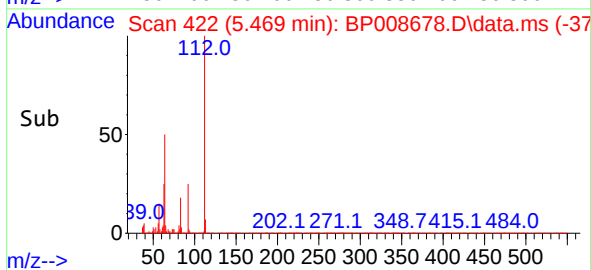
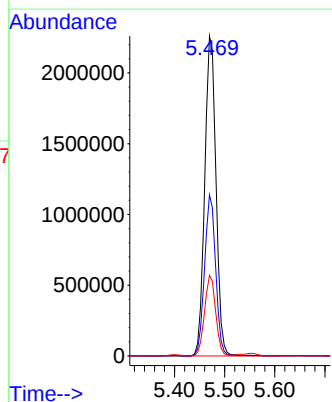
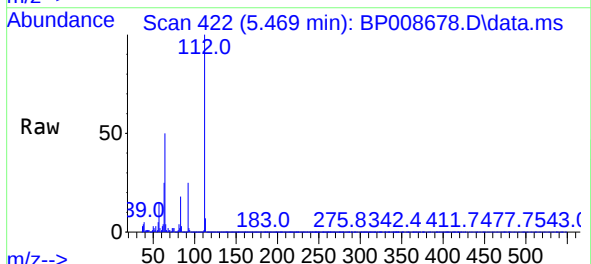
Instrument :
BNA_P
ClientSampleId :
SB-9-(0-2)

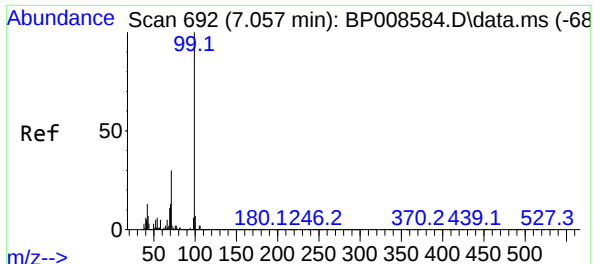
Tgt Ion:152 Resp: 629782
Ion Ratio Lower Upper
152 100
150 153.3 127.0 190.6
115 53.6 43.7 65.5



#5
2-Fluorophenol
Concen: 102.452 ng
RT: 5.469 min Scan# 422
Delta R.T. 0.000 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

Tgt Ion:112 Resp: 3534966
Ion Ratio Lower Upper
112 100
64 50.4 39.7 59.5
63 25.2 20.0 30.0



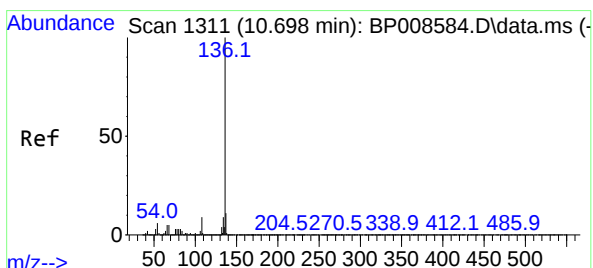
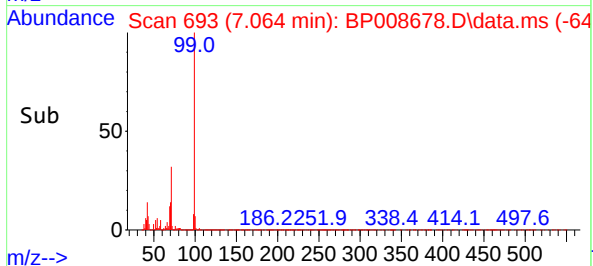
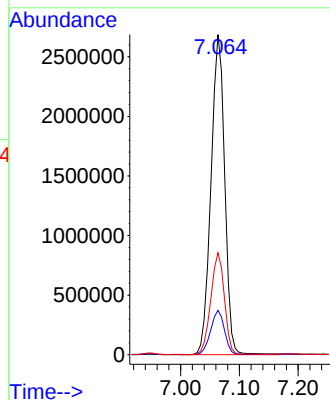
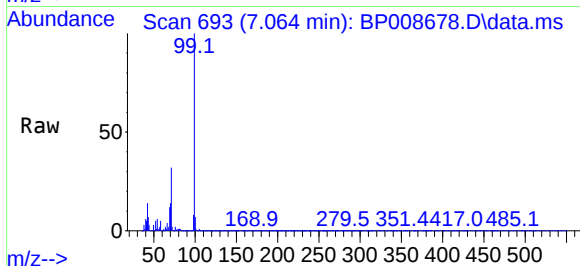


#7
Phenol-d6
Concen: 90.523 ng
RT: 7.064 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

Instrument :
BNA_P
ClientSampleId :
SB-9-(0-2)

Tgt Ion: 99 Resp: 4347420

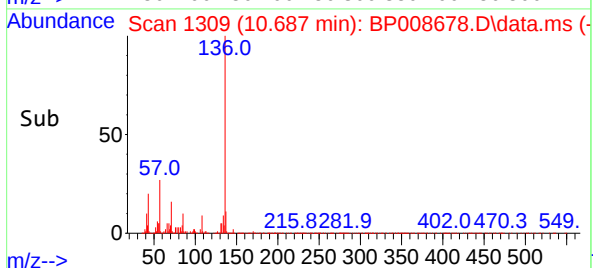
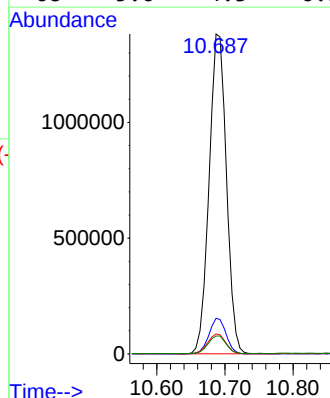
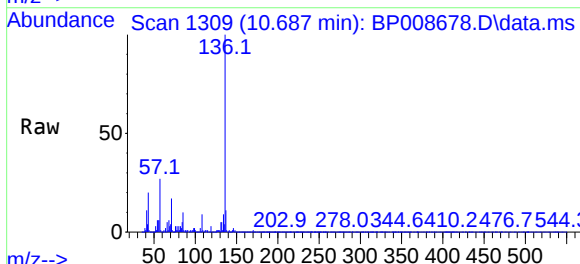
Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.8	16.2
71	31.9	23.8	35.6

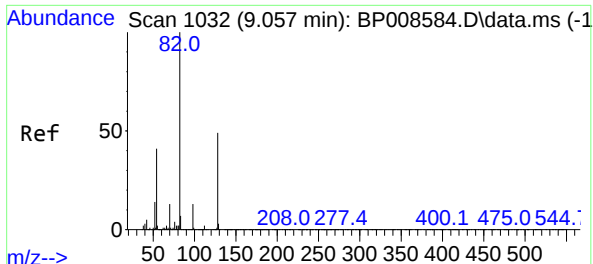


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

Tgt Ion: 136 Resp: 2444149

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.3	4.9	7.3
68	5.6	4.3	6.5





#23

Nitrobenzene-d5

Concen: 65.535 ng

RT: 9.046 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP008678.D

Acq: 05 Jan 2022 00:22

Instrument :

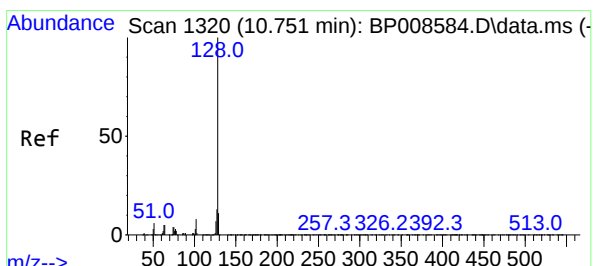
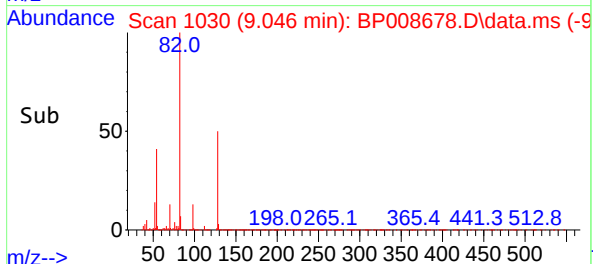
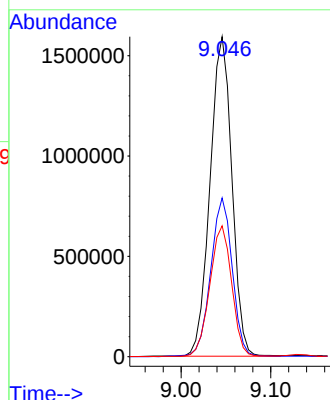
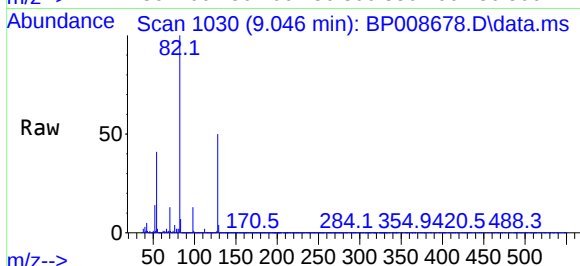
BNA_P

ClientSampleId :

SB-9-(0-2)

Tgt Ion: 82 Resp: 2692568

Ion	Ratio	Lower	Upper
82	100		
128	49.6	39.4	59.2
54	40.9	32.6	48.8



#31

Naphthalene

Concen: 20.961 ng

RT: 10.740 min Scan# 1318

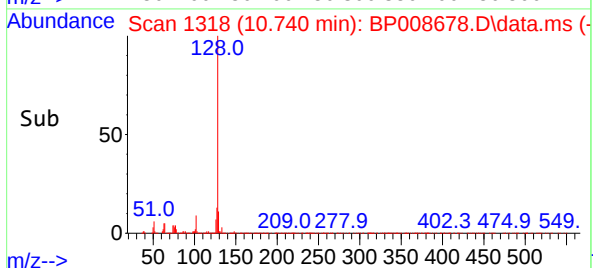
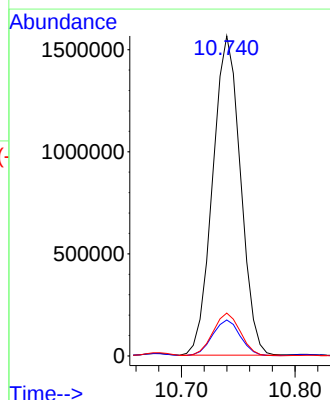
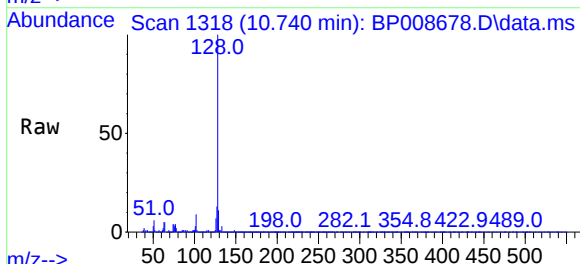
Delta R.T. -0.012 min

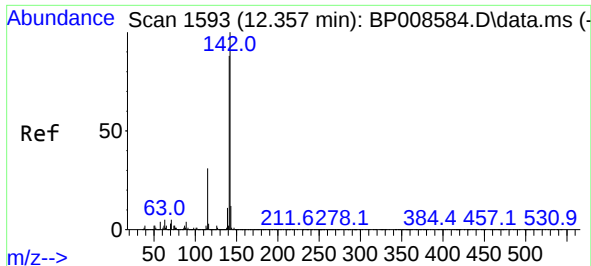
Lab File: BP008678.D

Acq: 05 Jan 2022 00:22

Tgt Ion: 128 Resp: 2659139

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.4	10.4	15.6

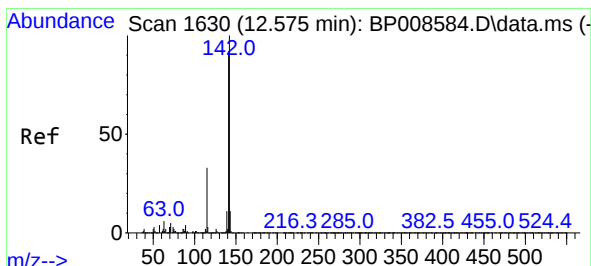
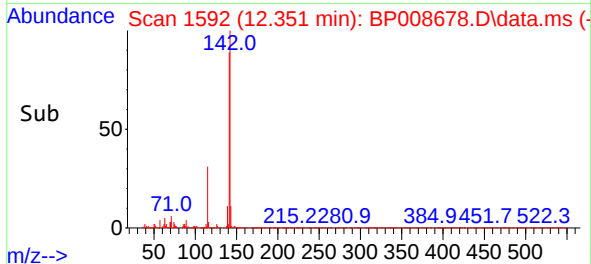
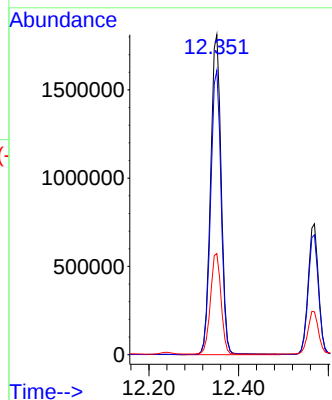
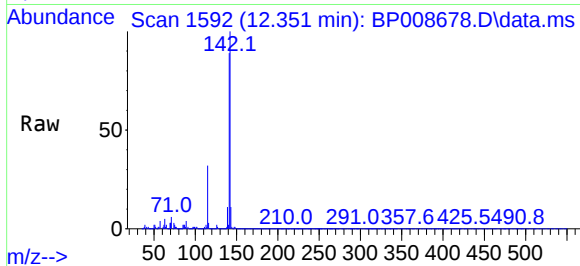




#37
2-Methylnaphthalene
Concen: 30.962 ng
RT: 12.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

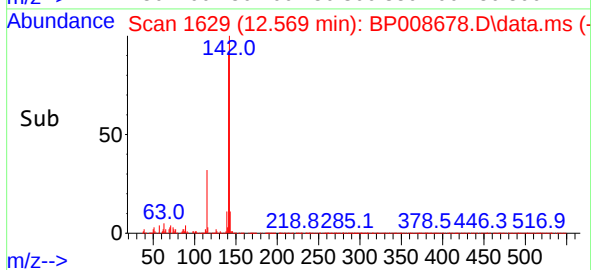
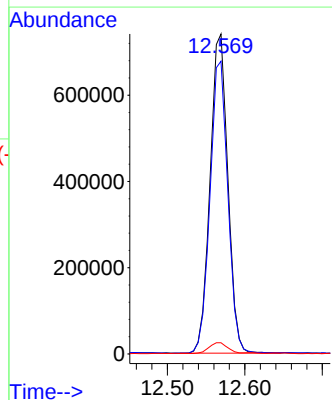
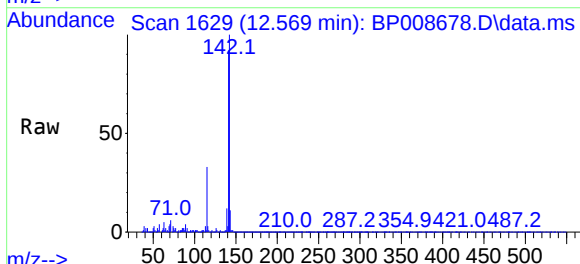
Instrument :
BNA_P
ClientSampleId :
SB-9-(0-2)

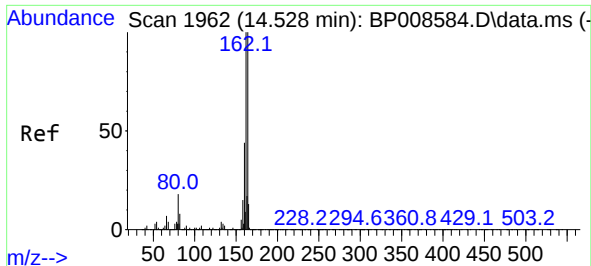
Tgt Ion:142 Resp: 2956532
Ion Ratio Lower Upper
142 100
141 88.8 70.5 105.7
115 31.6 24.6 36.8



#38
1-Methylnaphthalene
Concen: 12.609 ng
RT: 12.569 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

Tgt Ion:142 Resp: 1177192
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8
116 3.5 2.7 4.1

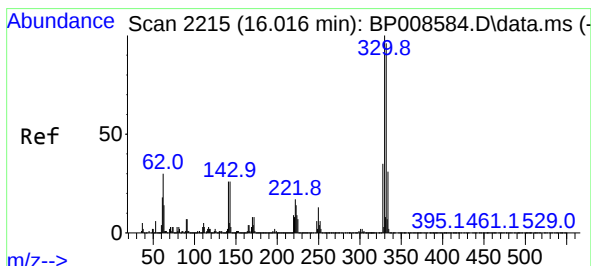
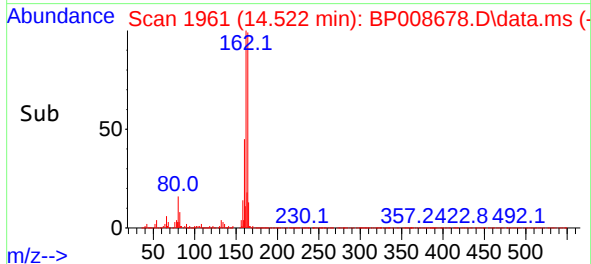
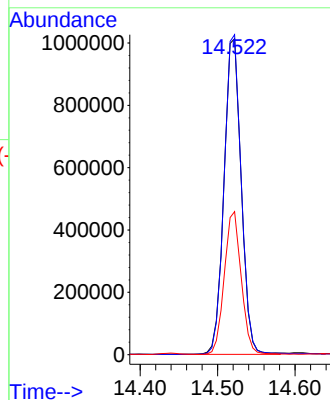
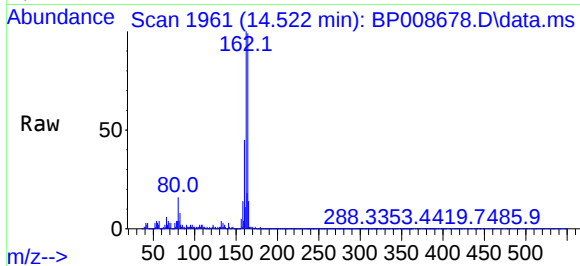




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

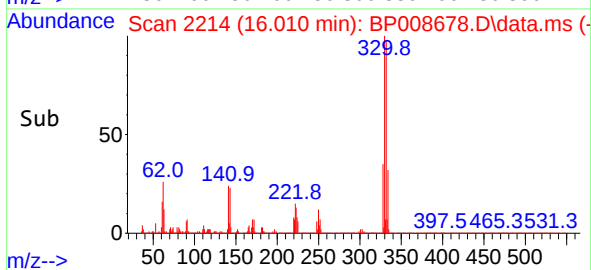
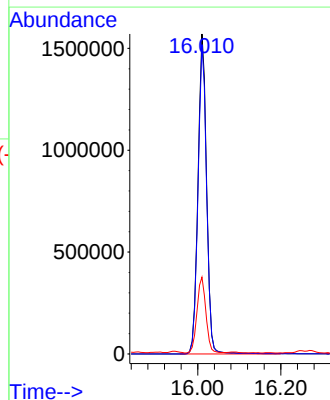
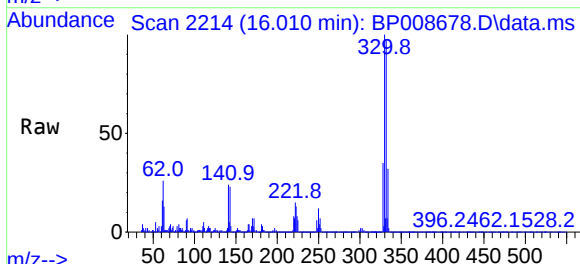
Instrument :
BNA_P
ClientSampleId :
SB-9-(0-2)

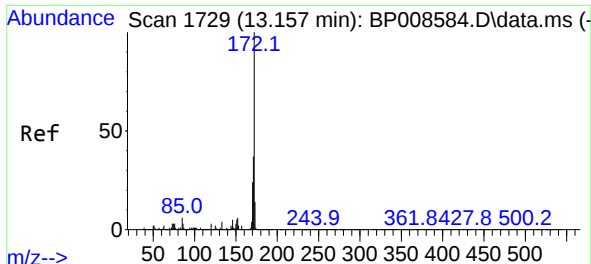
Tgt Ion:164 Resp: 1568764
Ion Ratio Lower Upper
164 100
162 101.3 79.9 119.9
160 45.3 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 106.509 ng
RT: 16.010 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

Tgt Ion:330 Resp: 2260627
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 24.5 21.3 31.9

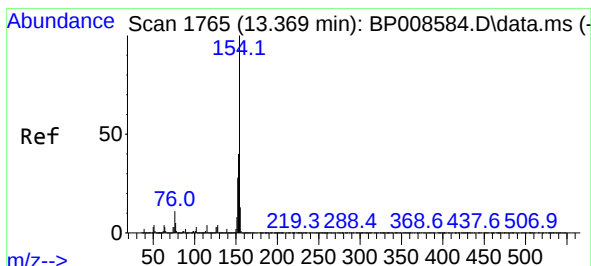
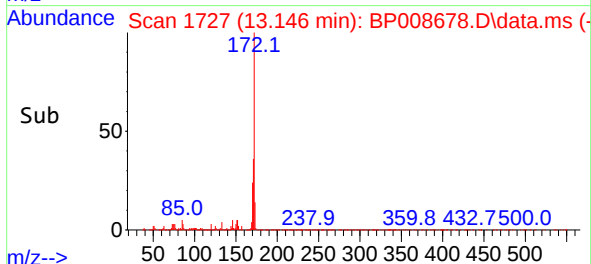
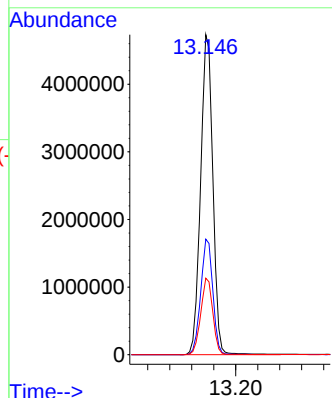
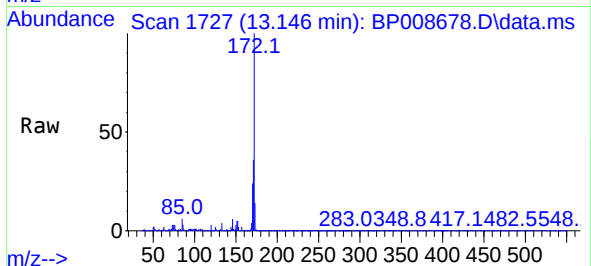




#45
2-Fluorobiphenyl
Concen: 67.791 ng
RT: 13.146 min Scan# 1727
Delta R.T. -0.011 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

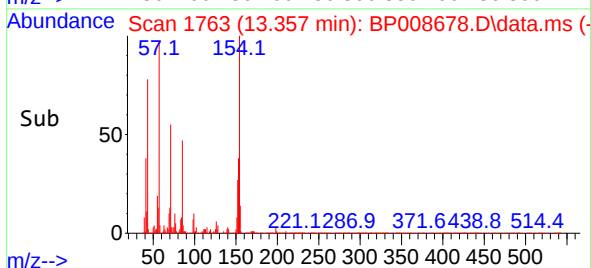
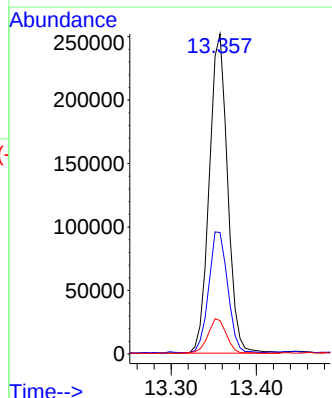
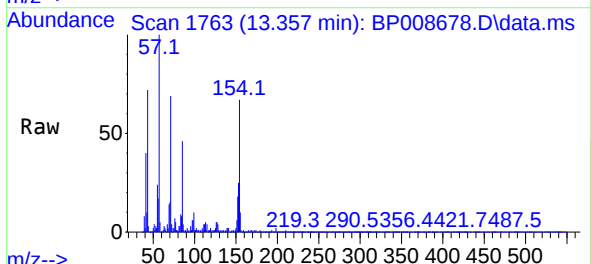
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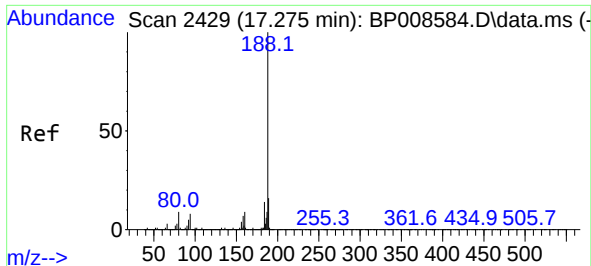
Tgt Ion:172 Resp: 7340374
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 23.9 19.5 29.3



#46
1,1'-Biphenyl
Concen: 3.241 ng
RT: 13.357 min Scan# 1763
Delta R.T. -0.012 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

Tgt Ion:154 Resp: 376083
Ion Ratio Lower Upper
154 100
153 37.9 20.3 60.3
76 10.4 0.0 31.1

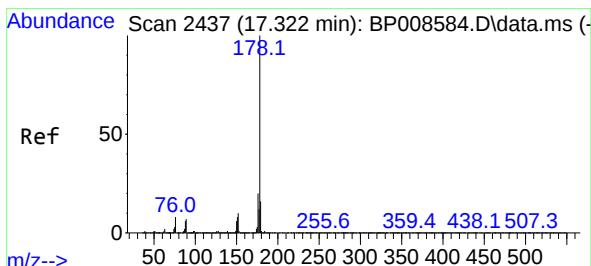
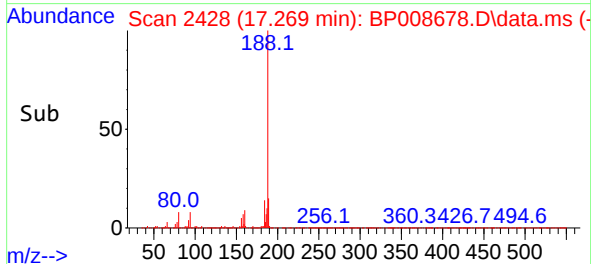
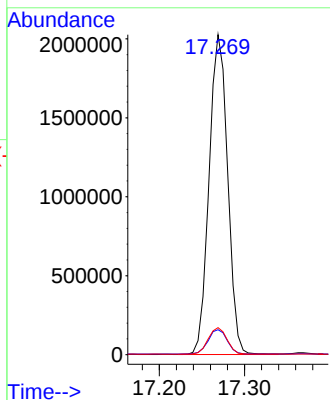
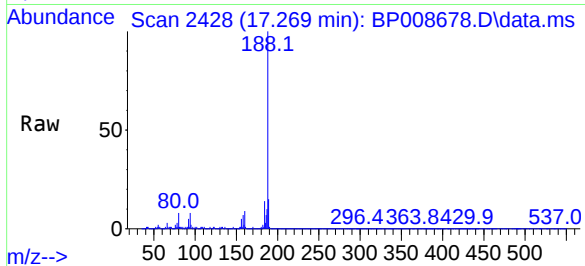




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

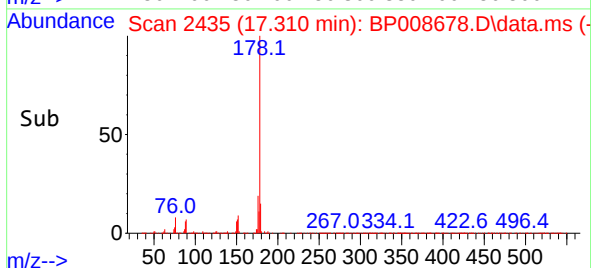
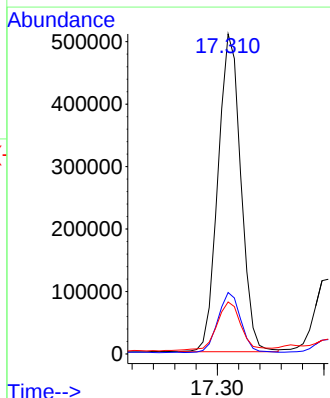
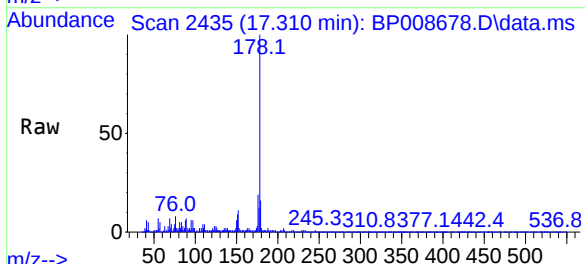
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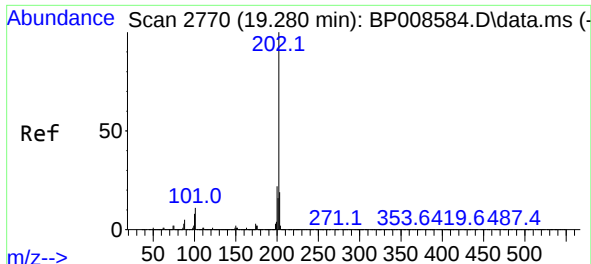
Tgt Ion:188 Resp: 3067276
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.5 7.2 10.8



#71
Phenanthrene
Concen: 4.579 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

Tgt Ion:178 Resp: 757202
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 16.2 13.0 19.4

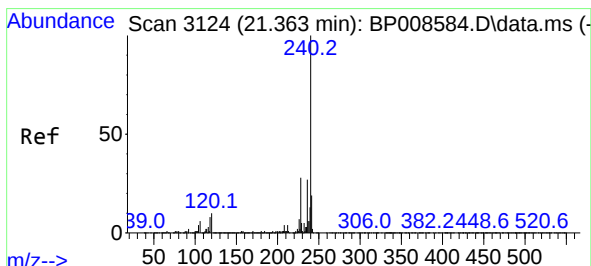
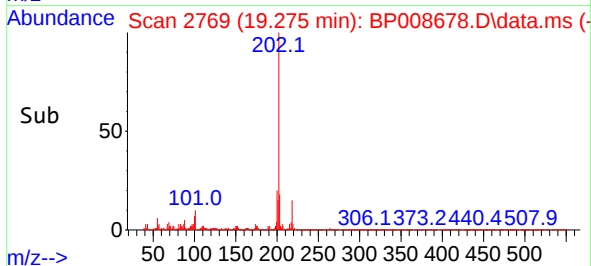
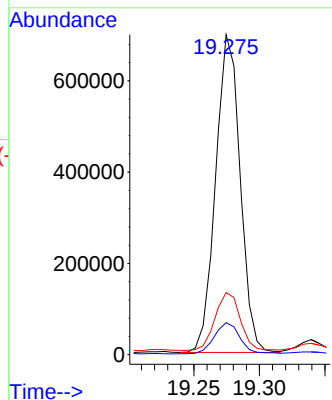
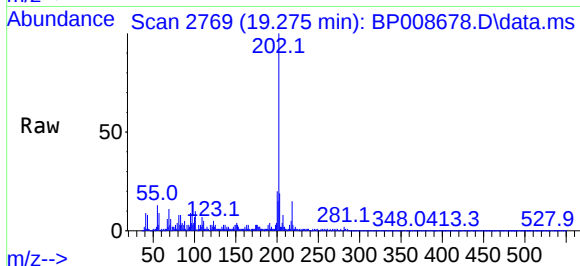




#75
Fluoranthene
Concen: 4.755 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.005 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

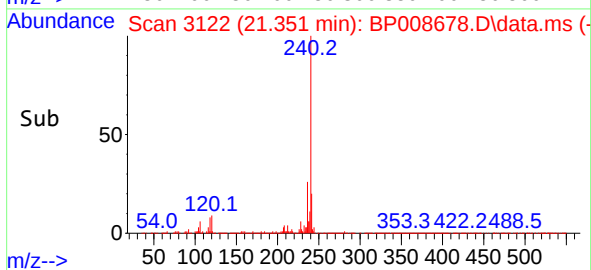
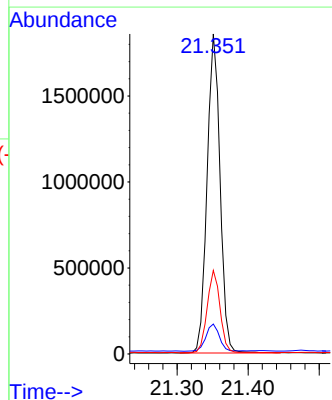
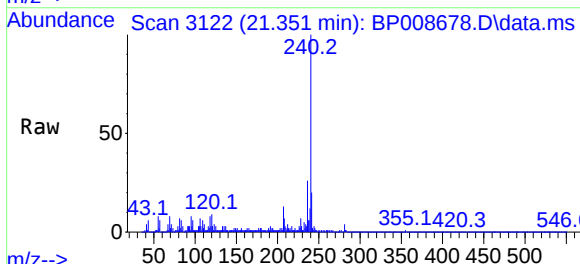
Instrument :
BNA_P
ClientSampleId :
SB-9-(0-2)

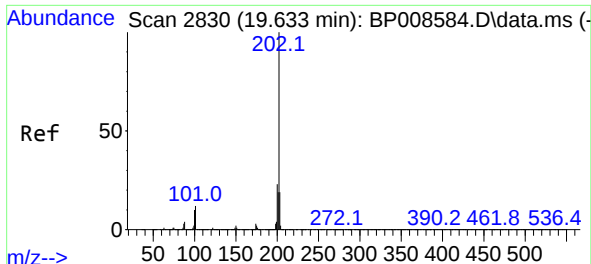
Tgt Ion:202 Resp: 904464
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.7
203 19.4 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

Tgt Ion:240 Resp: 2359868
Ion Ratio Lower Upper
240 100
120 9.3 7.7 11.5
236 26.1 21.2 31.8

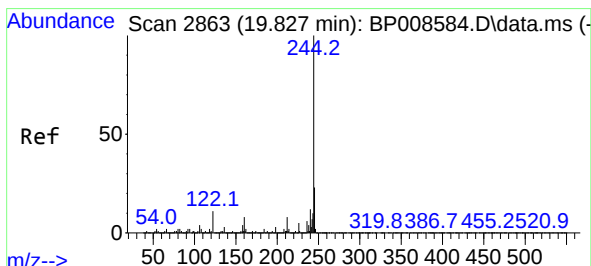
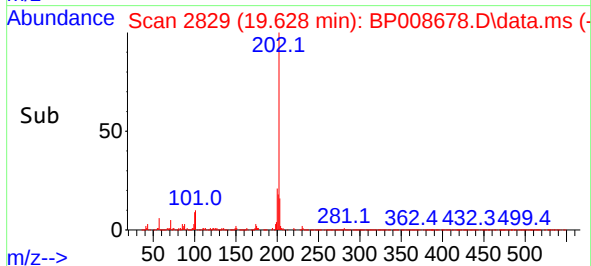
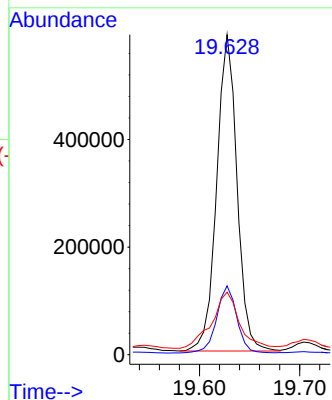
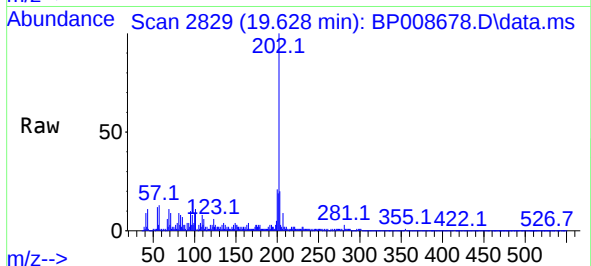




#78
Pyrene
Concen: 5.400 ng
RT: 19.628 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

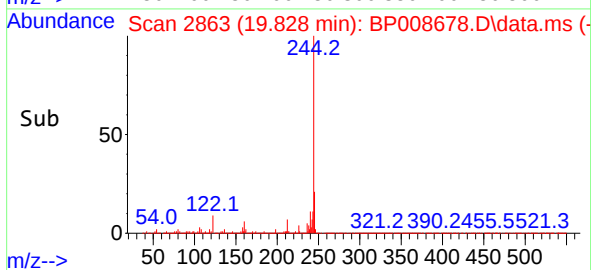
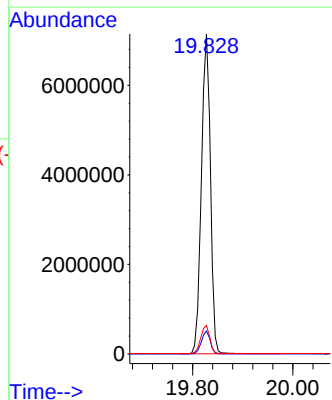
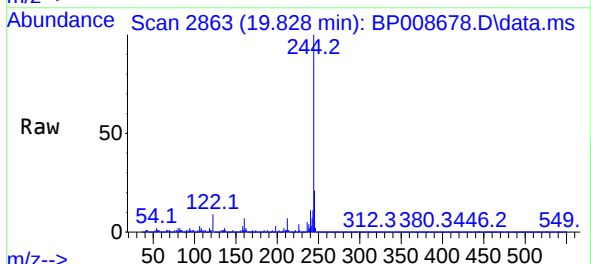
Instrument :
BNA_P
ClientSampleId :
SB-9-(0-2)

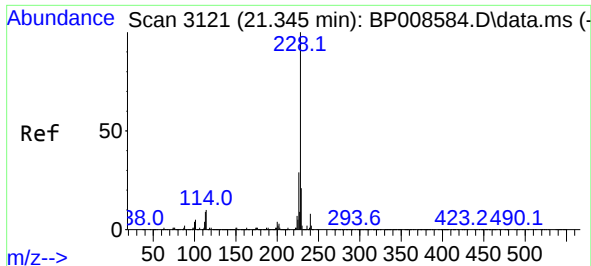
Tgt Ion:202 Resp: 829095
Ion Ratio Lower Upper
202 100
200 21.5 18.0 27.0
203 19.5 15.0 22.6



#79
Terphenyl-d14
Concen: 76.935 ng
RT: 19.828 min Scan# 2863
Delta R.T. 0.001 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

Tgt Ion:244 Resp: 8892094
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 8.9 9.2 13.8#

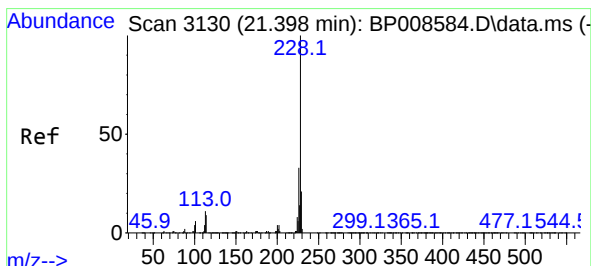
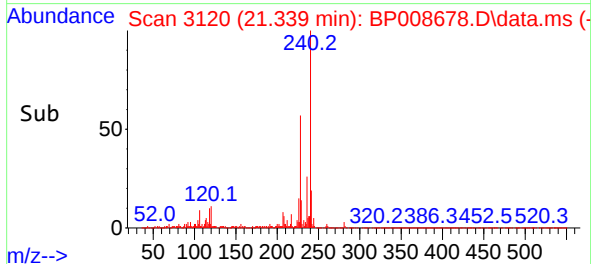
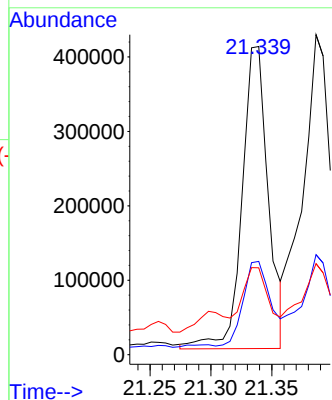
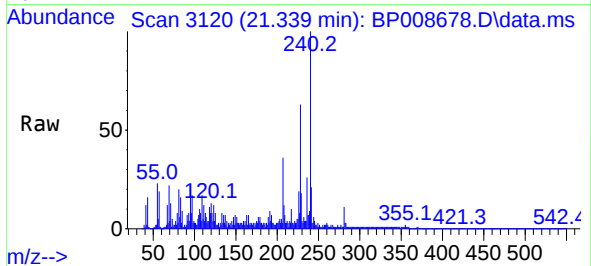




#81
Benzo(a)anthracene
Concen: 3.976 ng
RT: 21.339 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

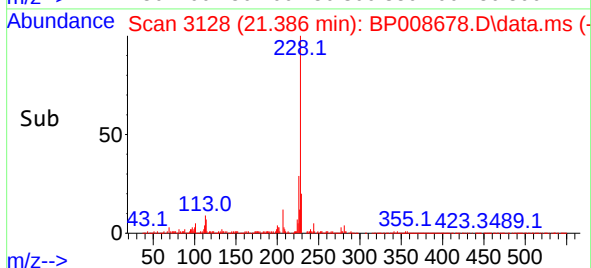
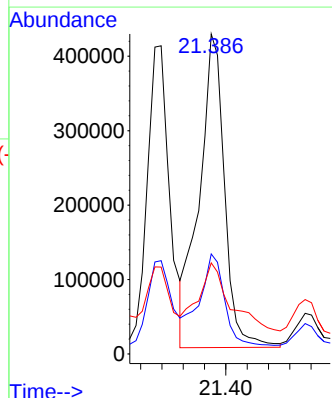
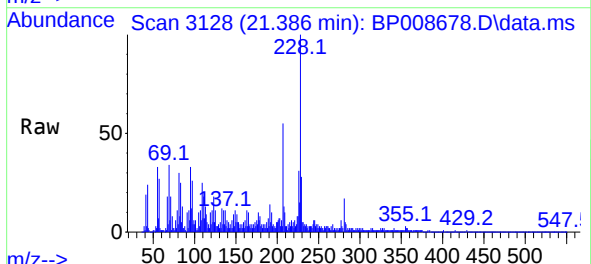
Instrument :
BNA_P
ClientSampleId :
SB-9-(0-2)

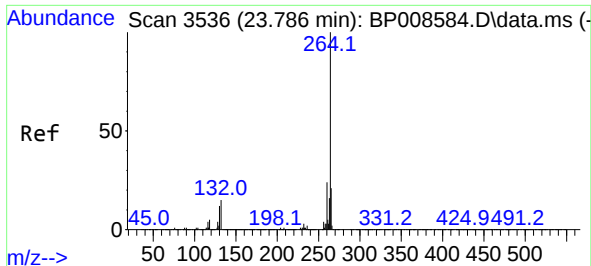
Tgt Ion:228 Resp: 608776
Ion Ratio Lower Upper
228 100
226 30.2 23.3 34.9
229 28.2 17.0 25.6#



#83
Chrysene
Concen: 4.882 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.012 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

Tgt Ion:228 Resp: 698843
Ion Ratio Lower Upper
228 100
226 31.3 26.0 39.0
229 28.4 16.9 25.3#



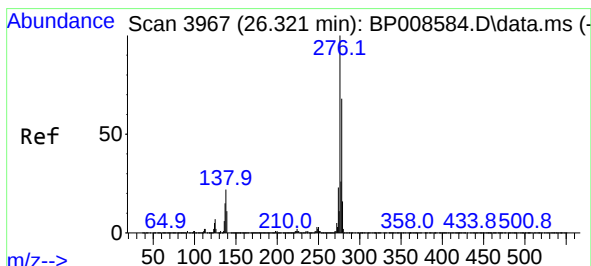
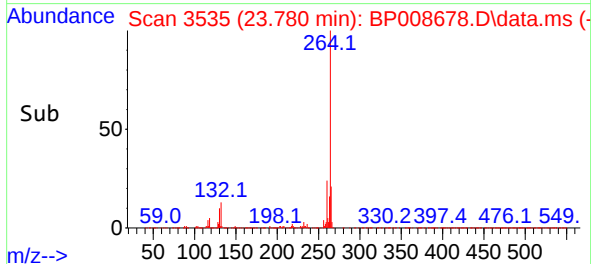
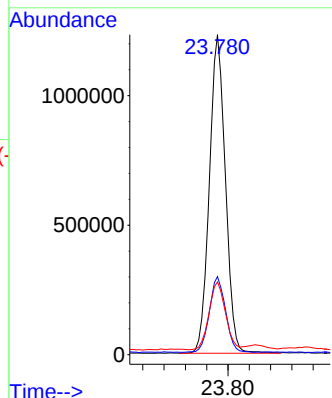
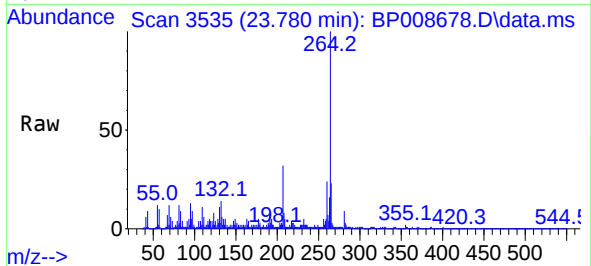


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3536
Delta R.T. -0.006 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

Instrument :
BNA_P
ClientSampleId :
SB-9-(0-2)

Tgt Ion:264 Resp: 2574079

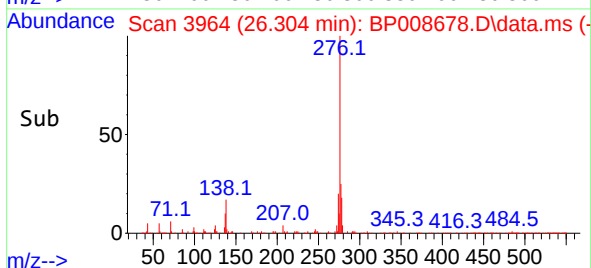
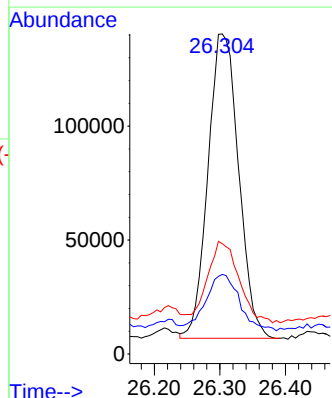
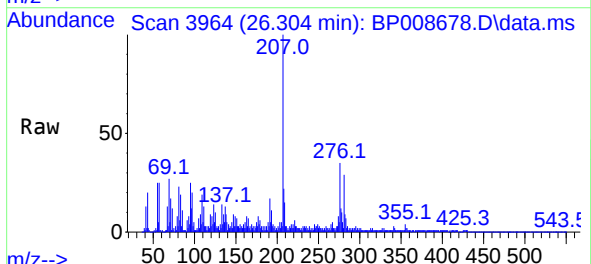
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	22.8	17.1	25.7

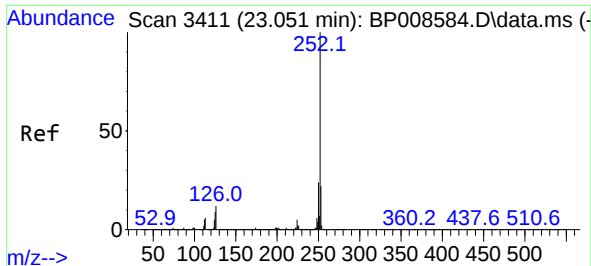


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.505 ng
RT: 26.304 min Scan# 3964
Delta R.T. -0.018 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

Tgt Ion:276 Resp: 433148

Ion	Ratio	Lower	Upper
276	100		
138	20.5	17.8	26.6
277	27.1	20.4	30.6

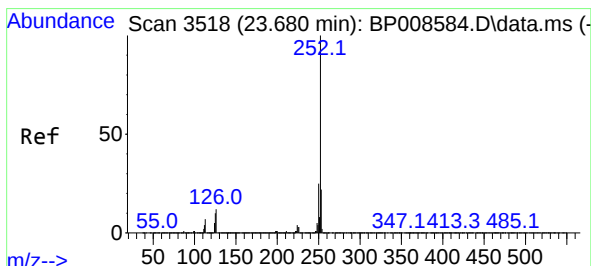
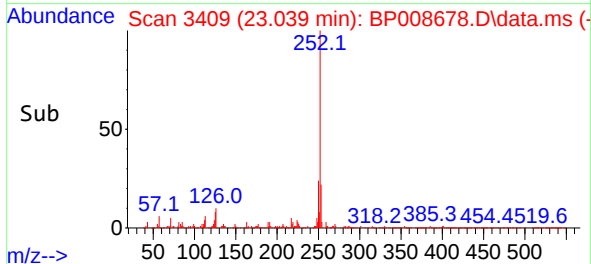
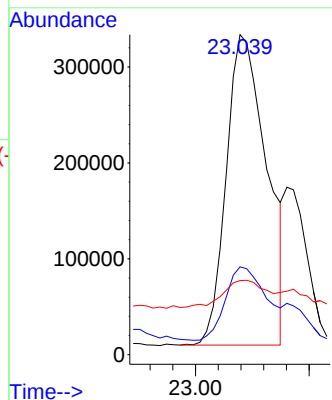
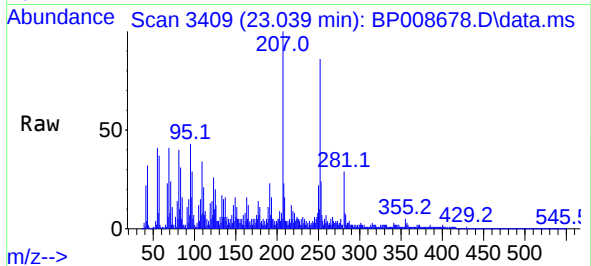




#88
Benzo(b)fluoranthene
Concen: 4.825 ng
RT: 23.039 min Scan# 3411
Delta R.T. -0.012 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

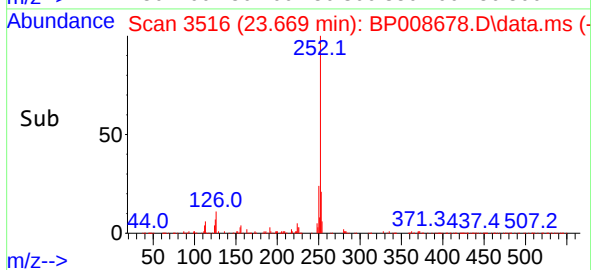
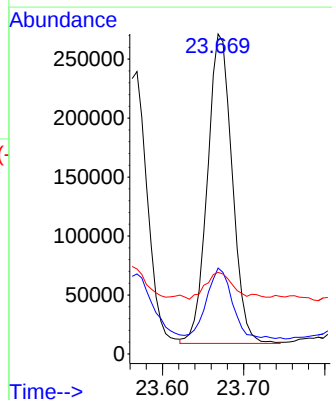
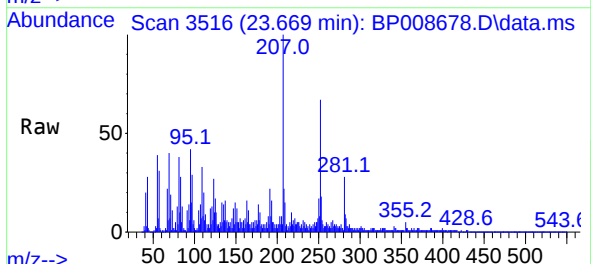
Instrument :
BNA_P
ClientSampleId :
SB-9-(0-2)

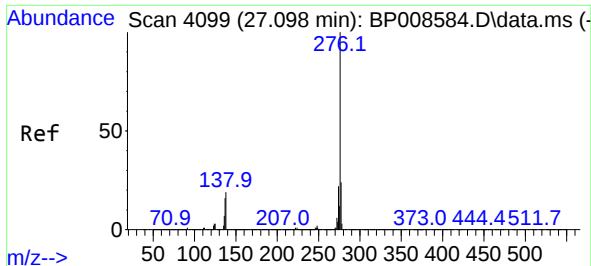
Tgt Ion:252 Resp: 798709
Ion Ratio Lower Upper
252 100
253 27.4 18.0 27.0#
125 23.2 6.9 10.3#



#90
Benzo(a)pyrene
Concen: 4.162 ng
RT: 23.669 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BP008678.D
Acq: 05 Jan 2022 00:22

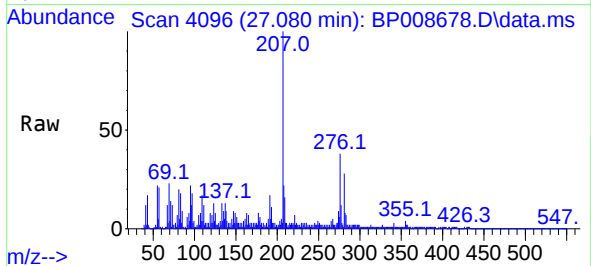
Tgt Ion:252 Resp: 555422
Ion Ratio Lower Upper
252 100
253 26.8 17.8 26.8#
125 25.5 7.8 11.6#





#92
 Benzo(g,h,i)perylene
 Concen: 3.880 ng
 RT: 27.080 min Scan# 4096
 Delta R.T. -0.018 min
 Lab File: BP008678.D
 Acq: 05 Jan 2022 00:22

Instrument :
 BNA_P
 ClientSampleId :
 SB-9-(0-2)



Tgt Ion:276 Resp: 529166
 Ion Ratio Lower Upper
 276 100
 277 31.5 19.2 28.8#
 138 23.3 15.0 22.4#

