

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
 Data File : BP008677.D
 Acq On : 04 Jan 2022 23:48
 Operator : CG/JU
 Sample : M5256-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-03-122921

Quant Time: Jan 05 04:29:07 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)

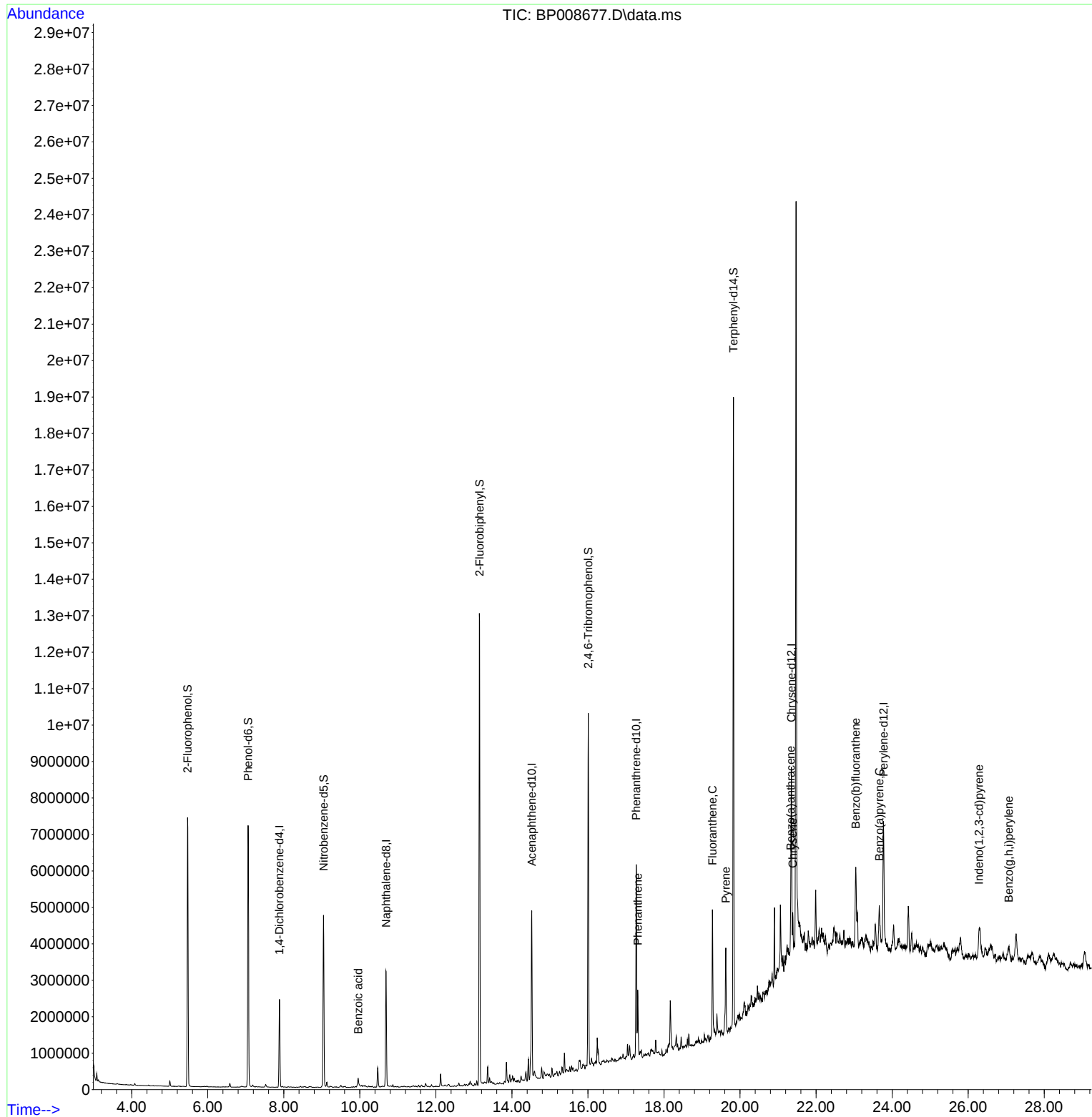
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	729230	20.000	ng	-0.01
21) Naphthalene-d8	10.692	136	2821442	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	1774805	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	3368822	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2540474	20.000	ng	-0.01
86) Perylene-d12	23.774	264	2775752	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3679102	92.088	ng	0.00
7) Phenol-d6	7.063	99	4566630	82.120	ng	0.00
23) Nitrobenzene-d5	9.045	82	2876578	60.651	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	2237824	93.195	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	7779119	63.503	ng	0.00
79) Terphenyl-d14	19.827	244	8679352	69.756	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.957	122	133172	5.446	ng	94
71) Phenanthrene	17.310	178	1150648	6.335	ng	99
75) Fluoranthene	19.274	202	1931894	9.247	ng	98
78) Pyrene	19.627	202	1482410	8.969	ng	98
81) Benzo(a)anthracene	21.333	228	619388	3.758	ng	98
83) Chrysene	21.386	228	746520	4.844	ng	96
87) Indeno(1,2,3-cd)pyrene	26.286	276	479384	2.571	ng	96
88) Benzo(b)fluoranthene	23.039	252	981254	5.497	ng	# 91
90) Benzo(a)pyrene	23.662	252	619587	4.305	ng	# 91
92) Benzo(g,h,i)perylene	27.068	276	483908	3.290	ng	# 89

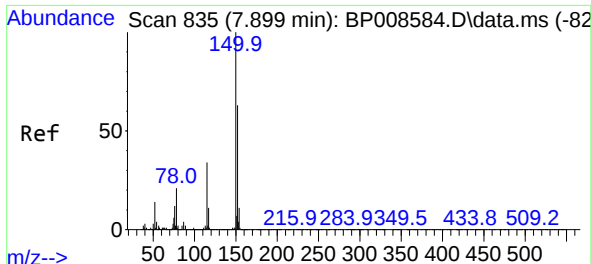
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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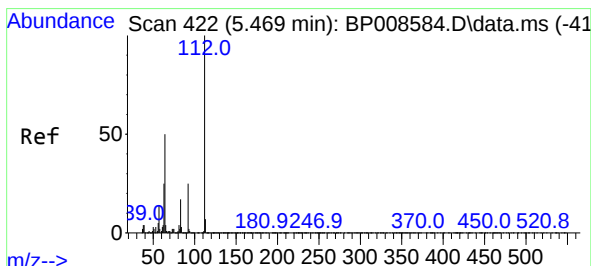
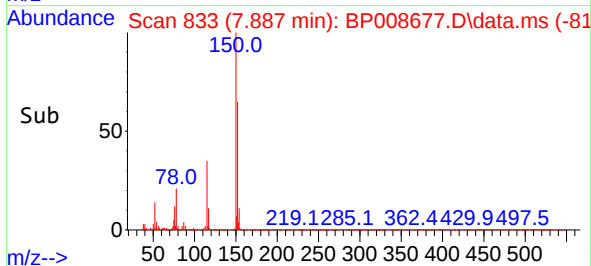
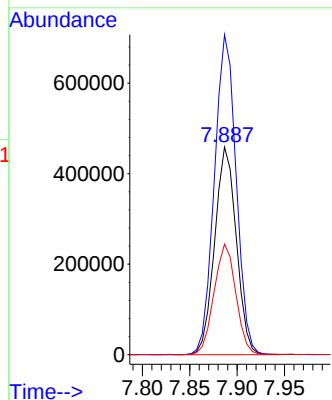
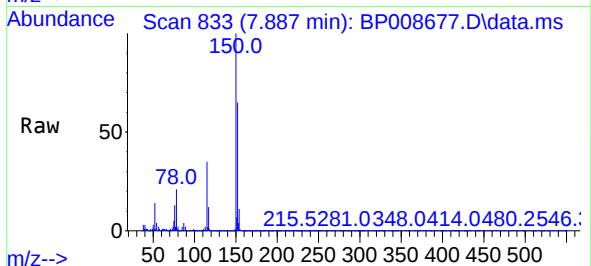




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

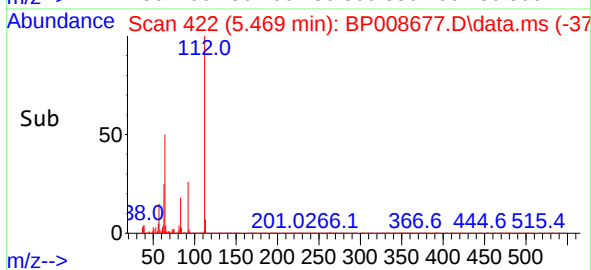
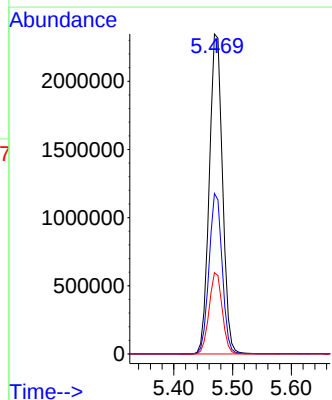
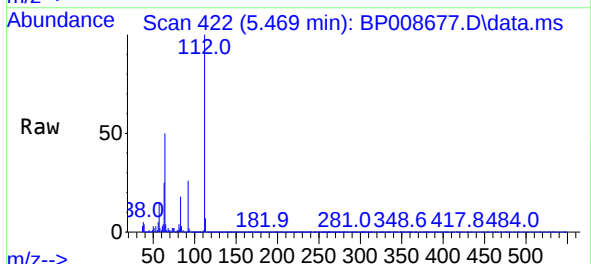
Instrument :
BNA_P
ClientSampleId :
BU-03-122921

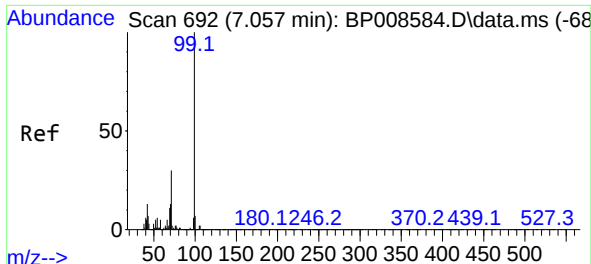
Tgt Ion:152 Resp: 729230
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.6
115 53.3 43.7 65.5



#5
2-Fluorophenol
Concen: 92.088 ng
RT: 5.469 min Scan# 422
Delta R.T. -0.000 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

Tgt Ion:112 Resp: 3679102
Ion Ratio Lower Upper
112 100
64 50.1 39.7 59.5
63 25.4 20.0 30.0

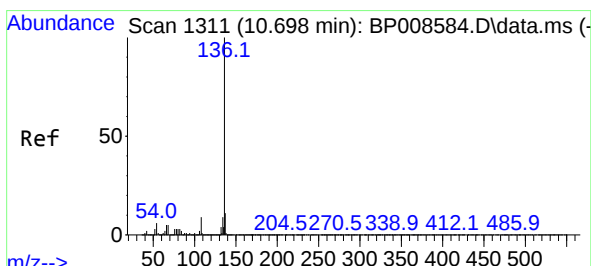
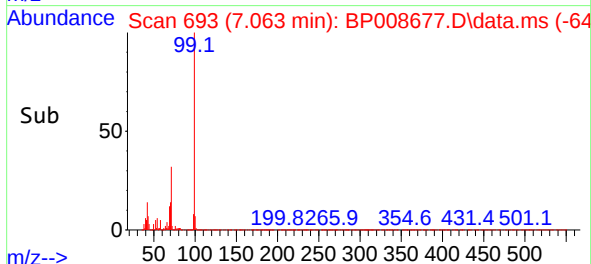
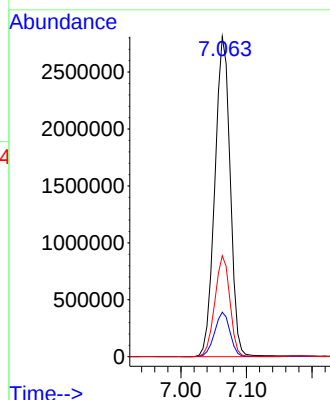
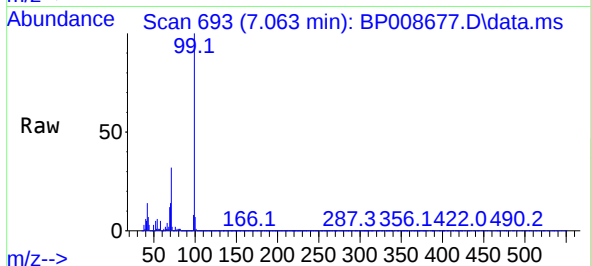




#7
Phenol-d6
Concen: 82.120 ng
RT: 7.063 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

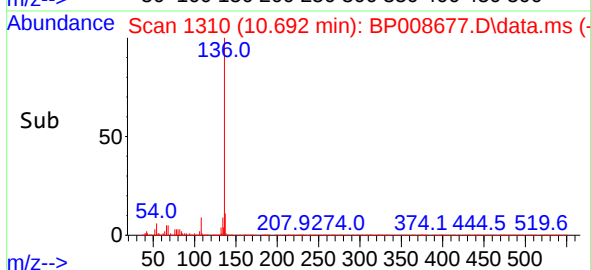
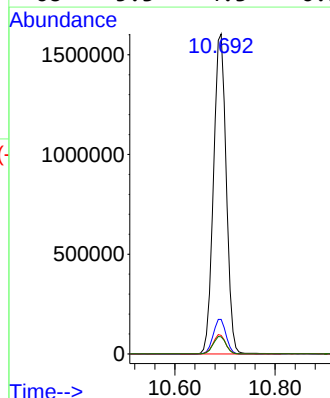
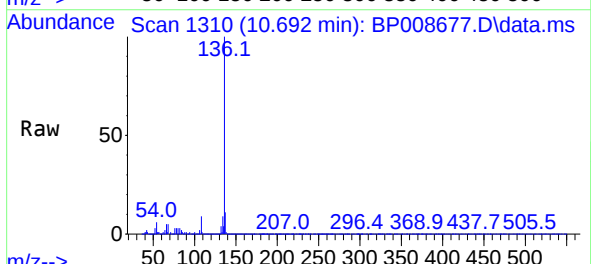
Instrument :
BNA_P
ClientSampleId :
BU-03-122921

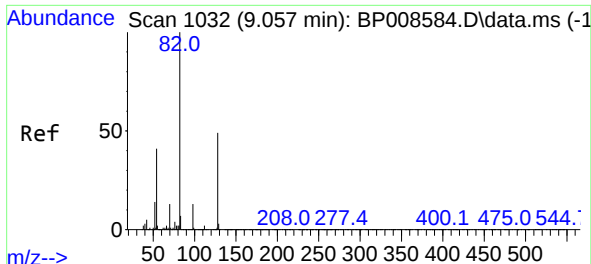
Tgt Ion: 99 Resp: 4566630
Ion Ratio Lower Upper
99 100
42 13.9 10.8 16.2
71 31.6 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.692 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

Tgt Ion: 136 Resp: 2821442
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 5.8 4.9 7.3
68 5.3 4.3 6.5



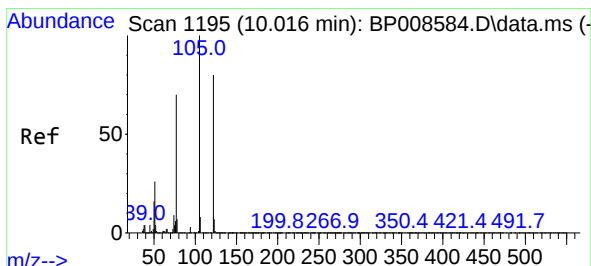
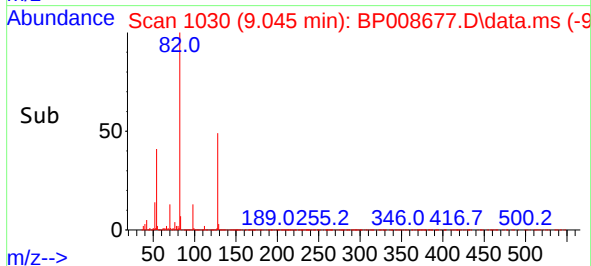
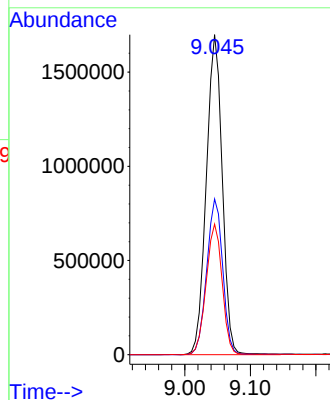
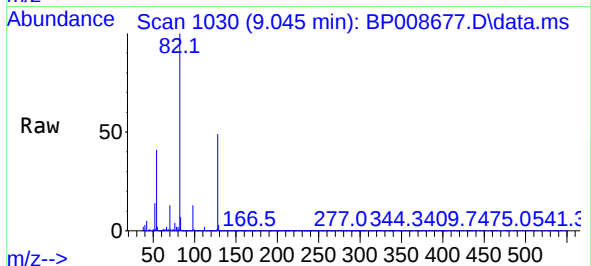


#23
Nitrobenzene-d5
Concen: 60.651 ng
RT: 9.045 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

Instrument :
BNA_P
ClientSampleId :
BU-03-122921

Tgt Ion: 82 Resp: 2876578

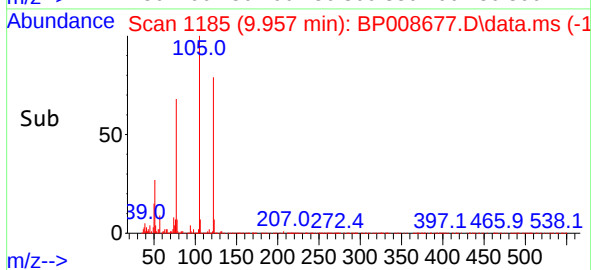
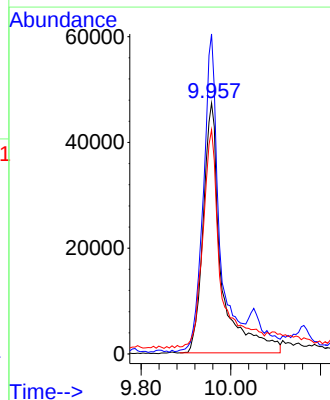
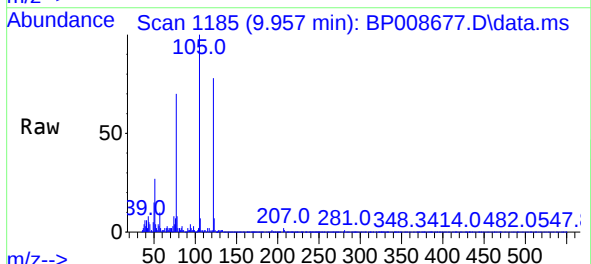
Ion	Ratio	Lower	Upper
82	100		
128	48.6	39.4	59.2
54	40.8	32.6	48.8

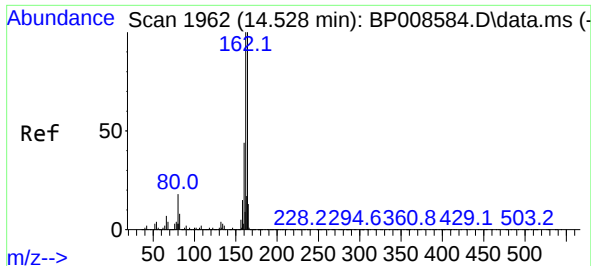


#32
Benzoic acid
Concen: 5.446 ng
RT: 9.957 min Scan# 1185
Delta R.T. -0.059 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

Tgt Ion: 122 Resp: 133172

Ion	Ratio	Lower	Upper
122	100		
105	127.5	100.1	140.1
77	89.3	65.5	105.5

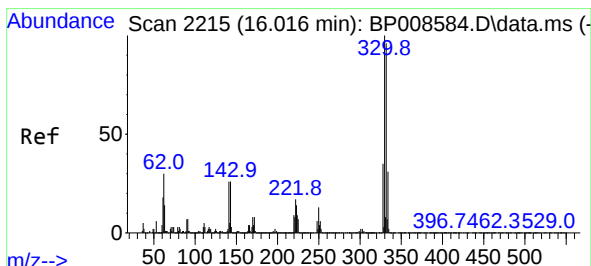
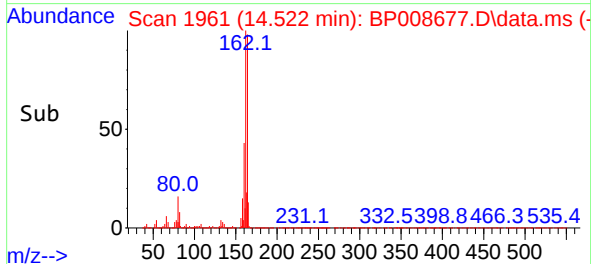
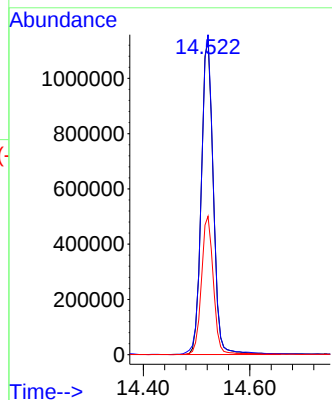
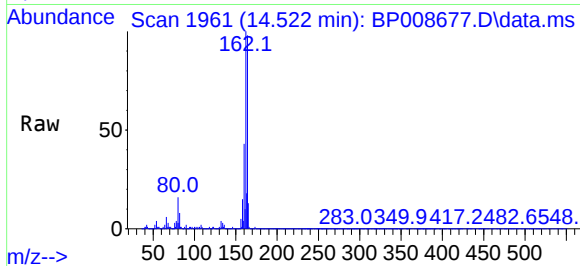




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

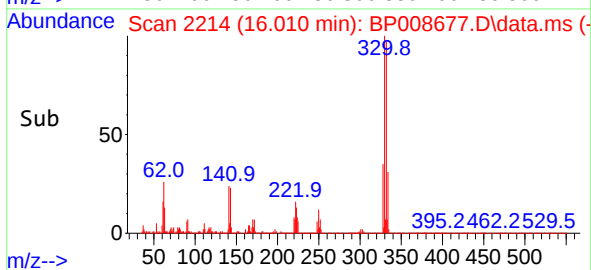
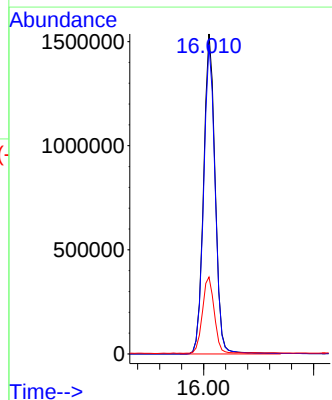
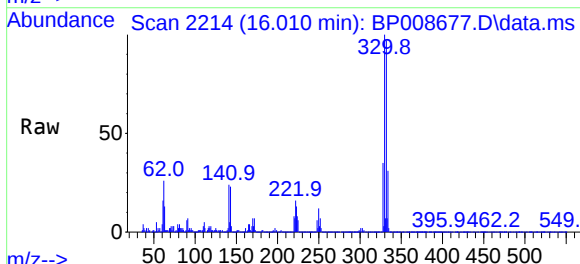
Instrument :
BNA_P
ClientSampleId :
BU-03-122921

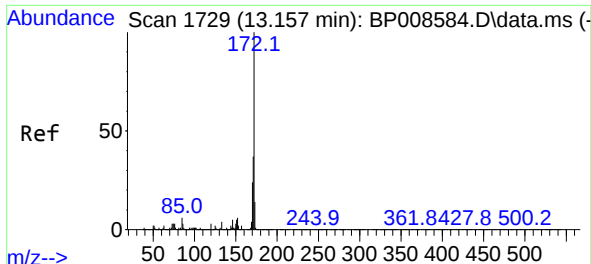
Tgt Ion:164 Resp: 1774805
Ion Ratio Lower Upper
164 100
162 101.7 79.9 119.9
160 44.0 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 93.195 ng
RT: 16.010 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

Tgt Ion:330 Resp: 2237824
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 24.4 21.3 31.9

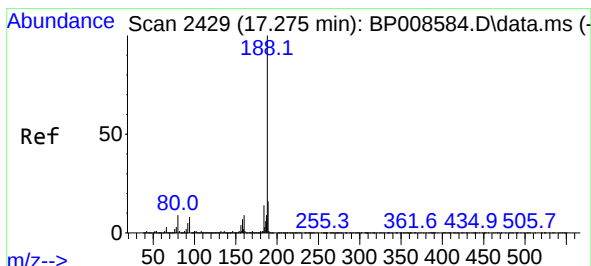
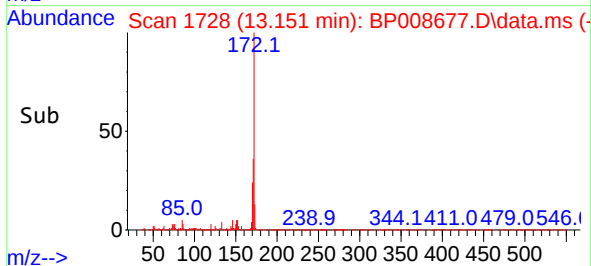
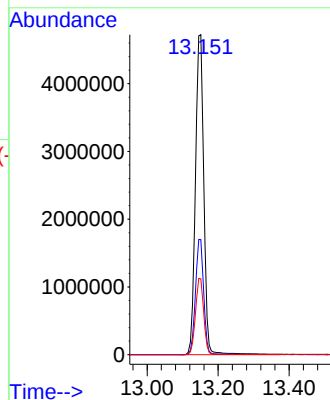
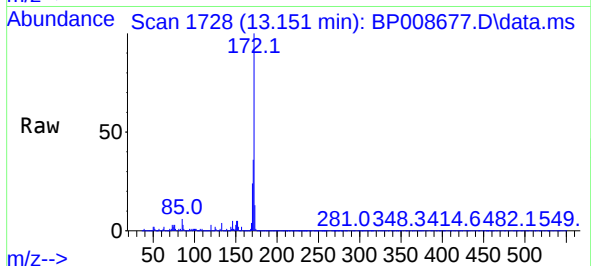




#45
2-Fluorobiphenyl
Concen: 63.503 ng
RT: 13.151 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

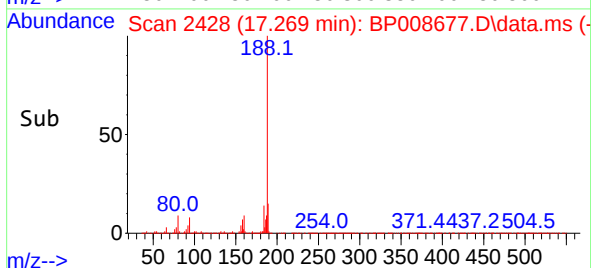
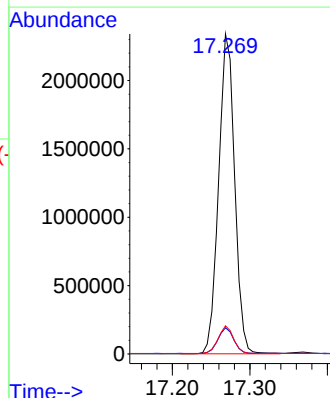
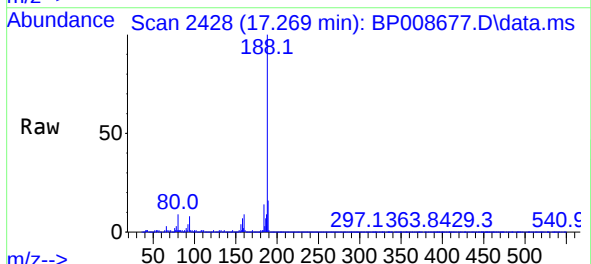
Instrument :
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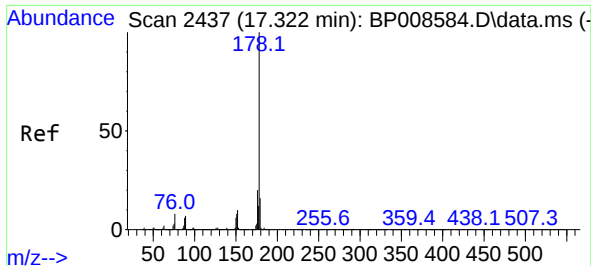
Tgt Ion:172 Resp: 7779119
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.7 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

Tgt Ion:188 Resp: 3368822
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.8 7.2 10.8

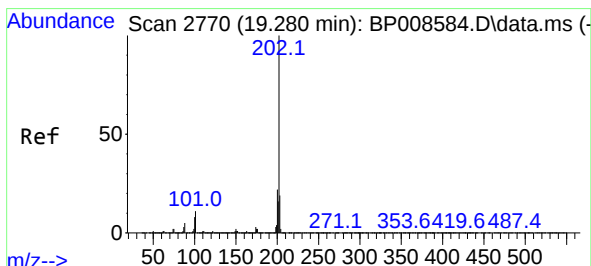
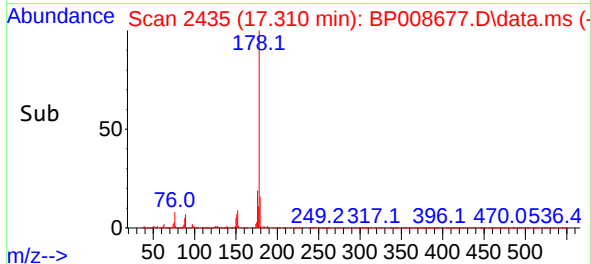
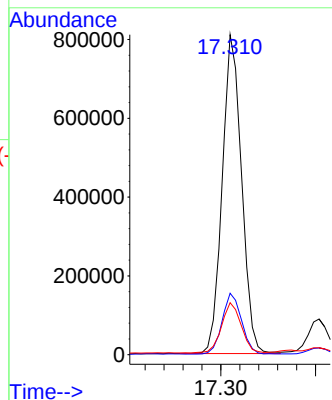
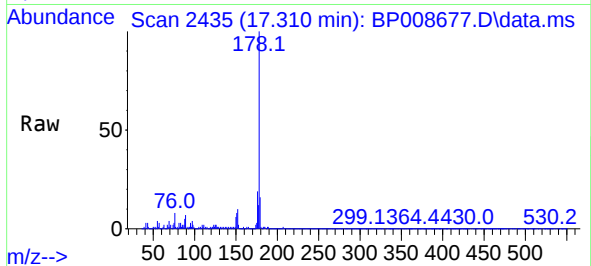




#71
Phenanthrene
Concen: 6.335 ng
RT: 17.310 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

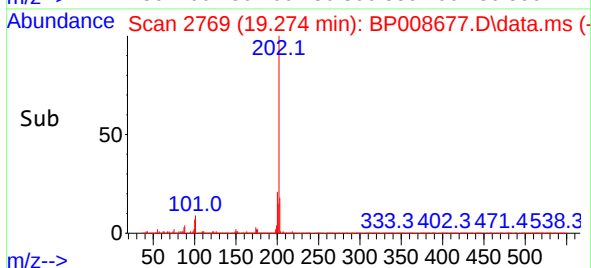
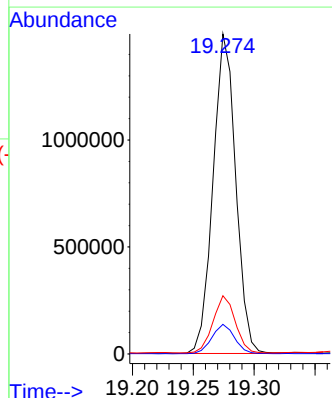
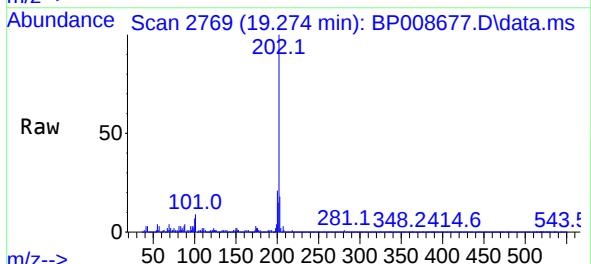
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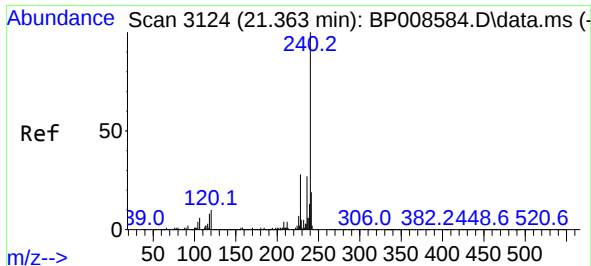
Tgt Ion:178 Resp: 1150648
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 16.3 13.0 19.4



#75
Fluoranthene
Concen: 9.247 ng
RT: 19.274 min Scan# 2769
Delta R.T. -0.006 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

Tgt Ion:202 Resp: 1931894
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.7
203 18.2 0.0 38.9

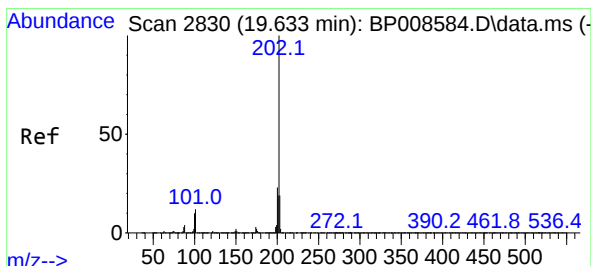
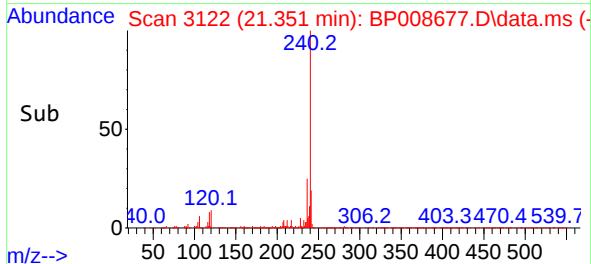
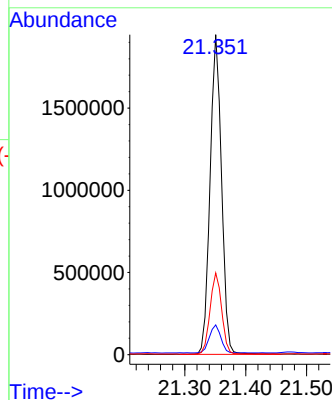
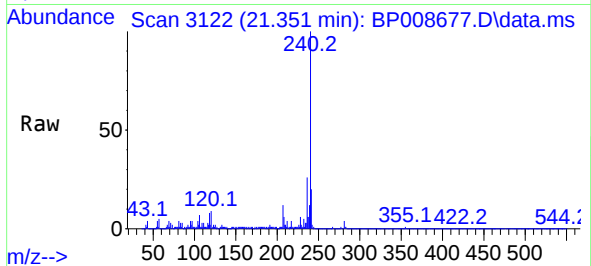




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

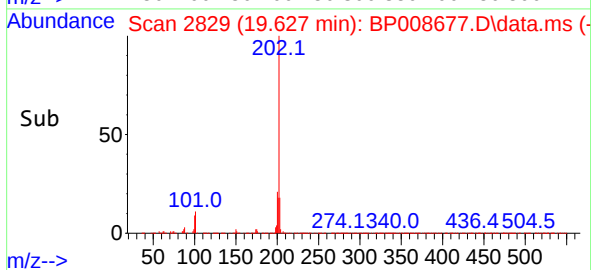
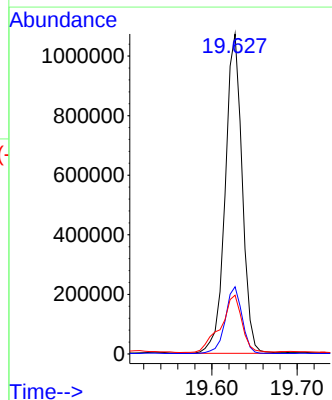
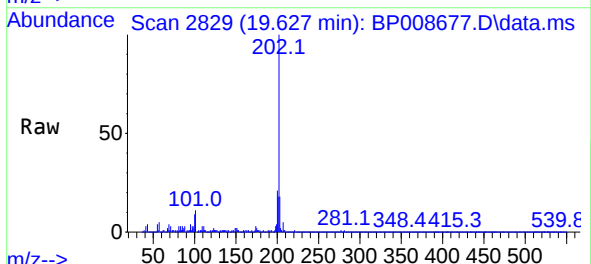
Instrument :
BNA_P
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BU-03-122921

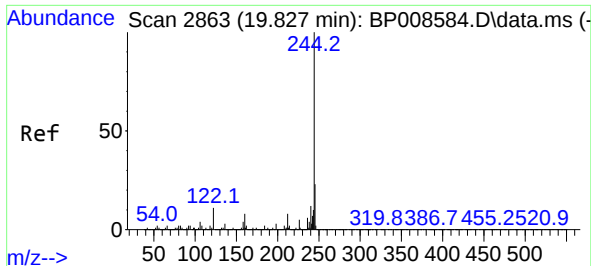
Tgt Ion:240 Resp: 2540474
Ion Ratio Lower Upper
240 100
120 9.3 7.7 11.5
236 25.5 21.2 31.8



#78
Pyrene
Concen: 8.969 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

Tgt Ion:202 Resp: 1482410
Ion Ratio Lower Upper
202 100
200 21.0 18.0 27.0
203 18.4 15.0 22.6

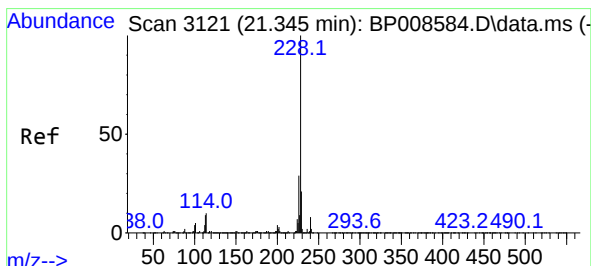
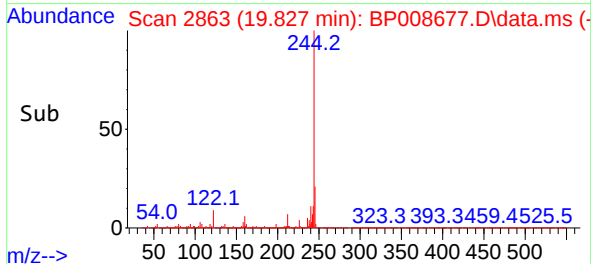
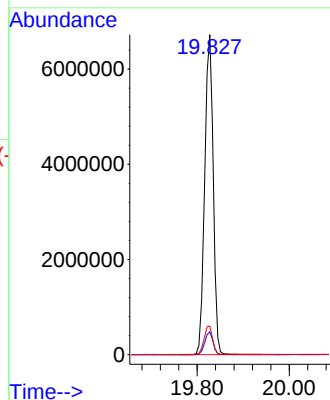
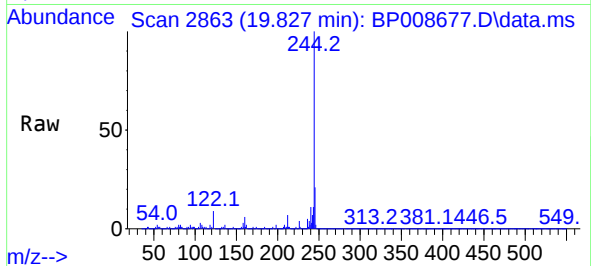




#79
 Terphenyl-d14
 Concen: 69.756 ng
 RT: 19.827 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP008677.D
 Acq: 04 Jan 2022 23:48

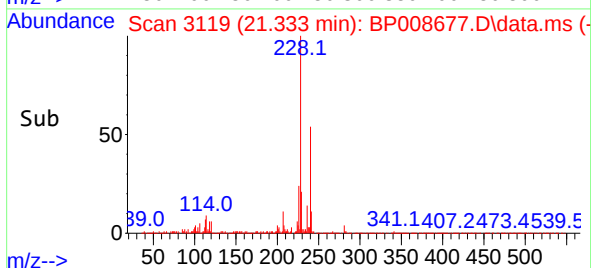
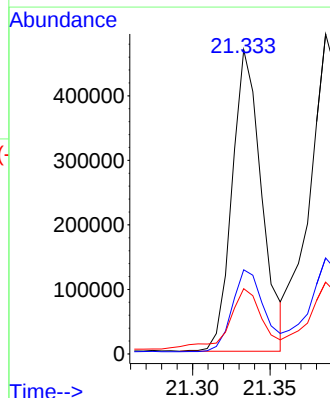
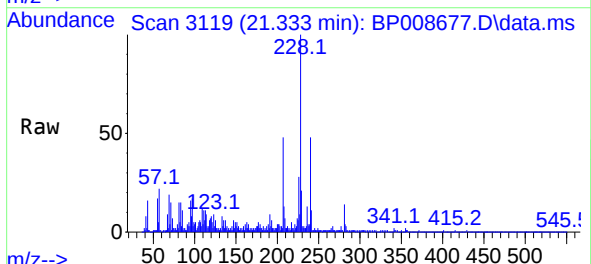
Instrument :
 BNA_P
 ClientSampleId :
 BU-03-122921

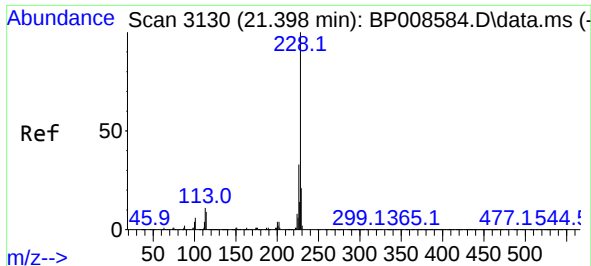
Tgt Ion:244 Resp: 8679352
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 9.0 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 3.758 ng
 RT: 21.333 min Scan# 3119
 Delta R.T. -0.012 min
 Lab File: BP008677.D
 Acq: 04 Jan 2022 23:48

Tgt Ion:228 Resp: 619388
 Ion Ratio Lower Upper
 228 100
 226 27.7 23.3 34.9
 229 21.4 17.0 25.6

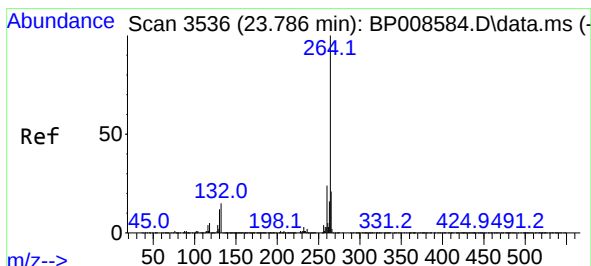
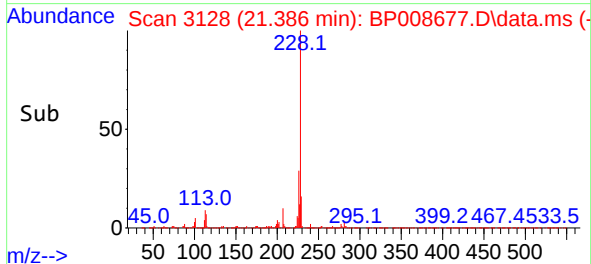
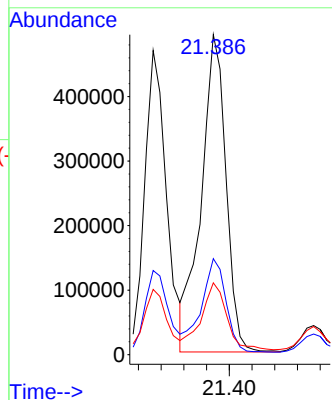
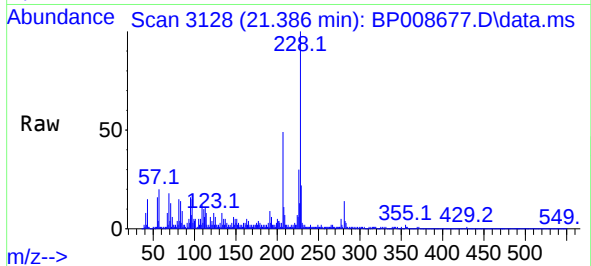




#83
Chrysene
Concen: 4.844 ng
RT: 21.386 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

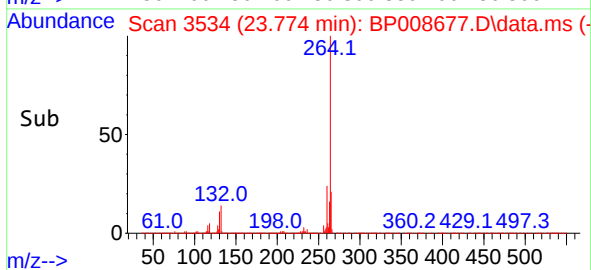
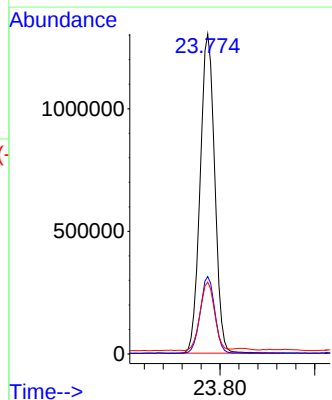
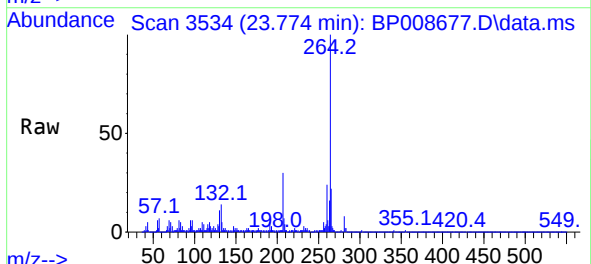
Instrument :
BNA_P
ClientSampleId :
BU-03-122921

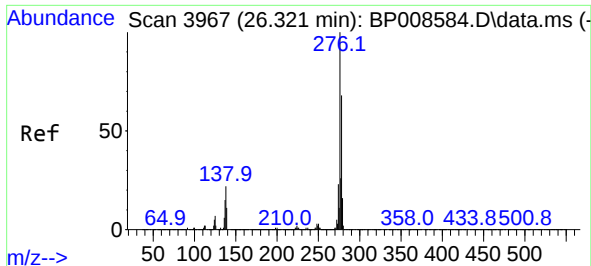
Tgt Ion:	228	Resp:	746520
Ion	Ratio	Lower	Upper
228	100		
226	30.0	26.0	39.0
229	22.5	16.9	25.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3534
Delta R.T. -0.012 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

Tgt Ion:	264	Resp:	2775752
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	22.4	17.1	25.7

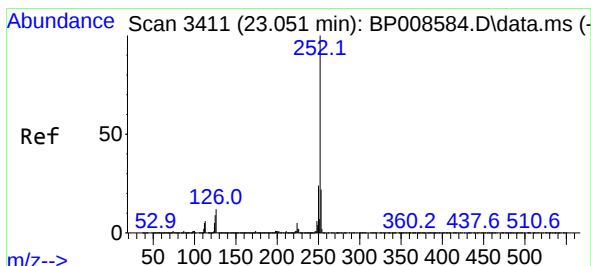
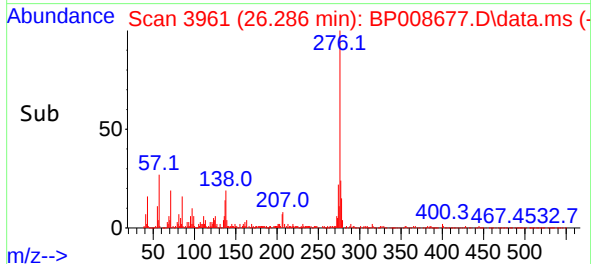
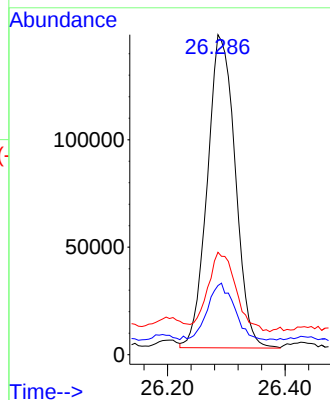
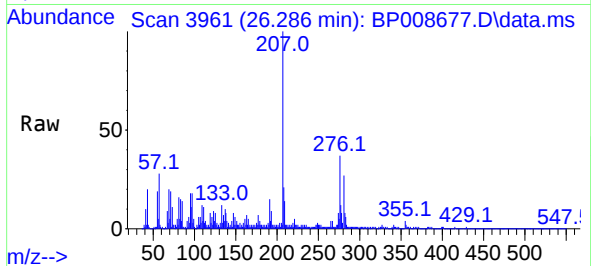




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.571 ng
RT: 26.286 min Scan# 3409
Delta R.T. -0.036 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

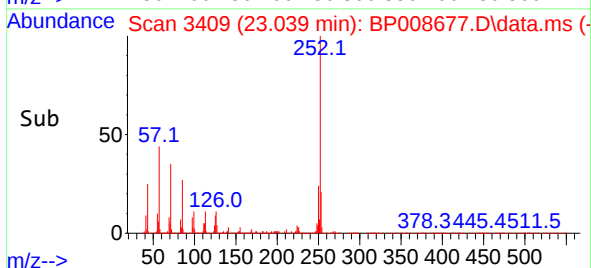
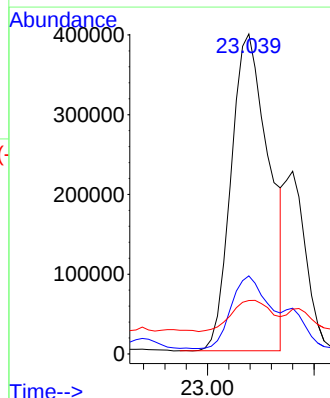
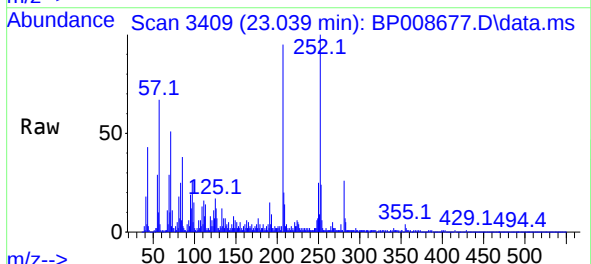
Instrument :
BNA_P
ClientSampleId :
BU-03-122921

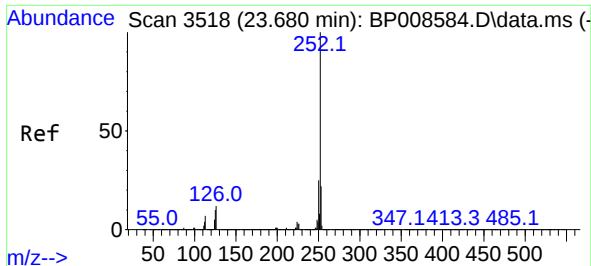
Tgt Ion:276 Resp: 479384
Ion Ratio Lower Upper
276 100
138 18.5 17.8 26.6
277 25.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 5.497 ng
RT: 23.039 min Scan# 3409
Delta R.T. -0.012 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

Tgt Ion:252 Resp: 981254
Ion Ratio Lower Upper
252 100
253 24.4 18.0 27.0
125 16.7 6.9 10.3#

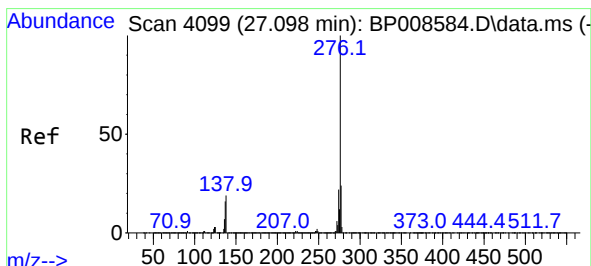
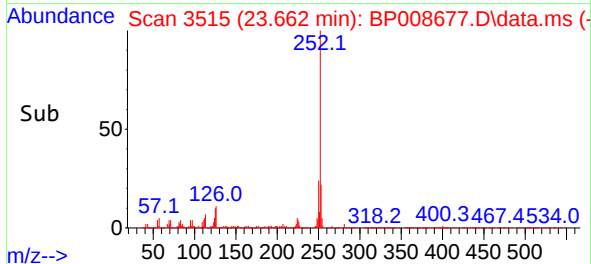
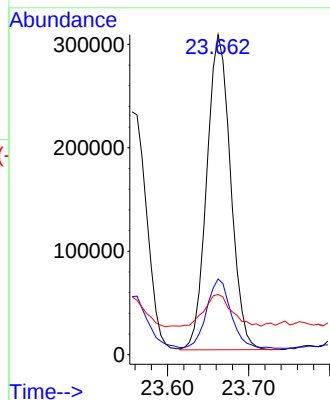
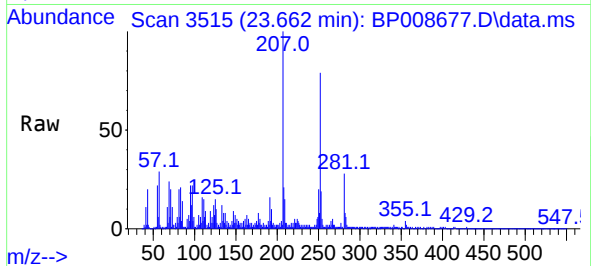




#90
Benzo(a)pyrene
Concen: 4.305 ng
RT: 23.662 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

Instrument :
BNA_P
ClientSampleId :
BU-03-122921

Tgt Ion:252 Resp: 619587
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 18.8 7.8 11.6#



#92
Benzo(g,h,i)perylene
Concen: 3.290 ng
RT: 27.068 min Scan# 4094
Delta R.T. -0.030 min
Lab File: BP008677.D
Acq: 04 Jan 2022 23:48

Tgt Ion:276 Resp: 483908
Ion Ratio Lower Upper
276 100
277 31.5 19.2 28.8#
138 21.0 15.0 22.4

