

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
 Data File : BP009628.D
 Acq On : 30 Mar 2022 20:28
 Operator : CG/JU
 Sample : N2155-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22L076-F

Quant Time: Mar 31 04:41:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

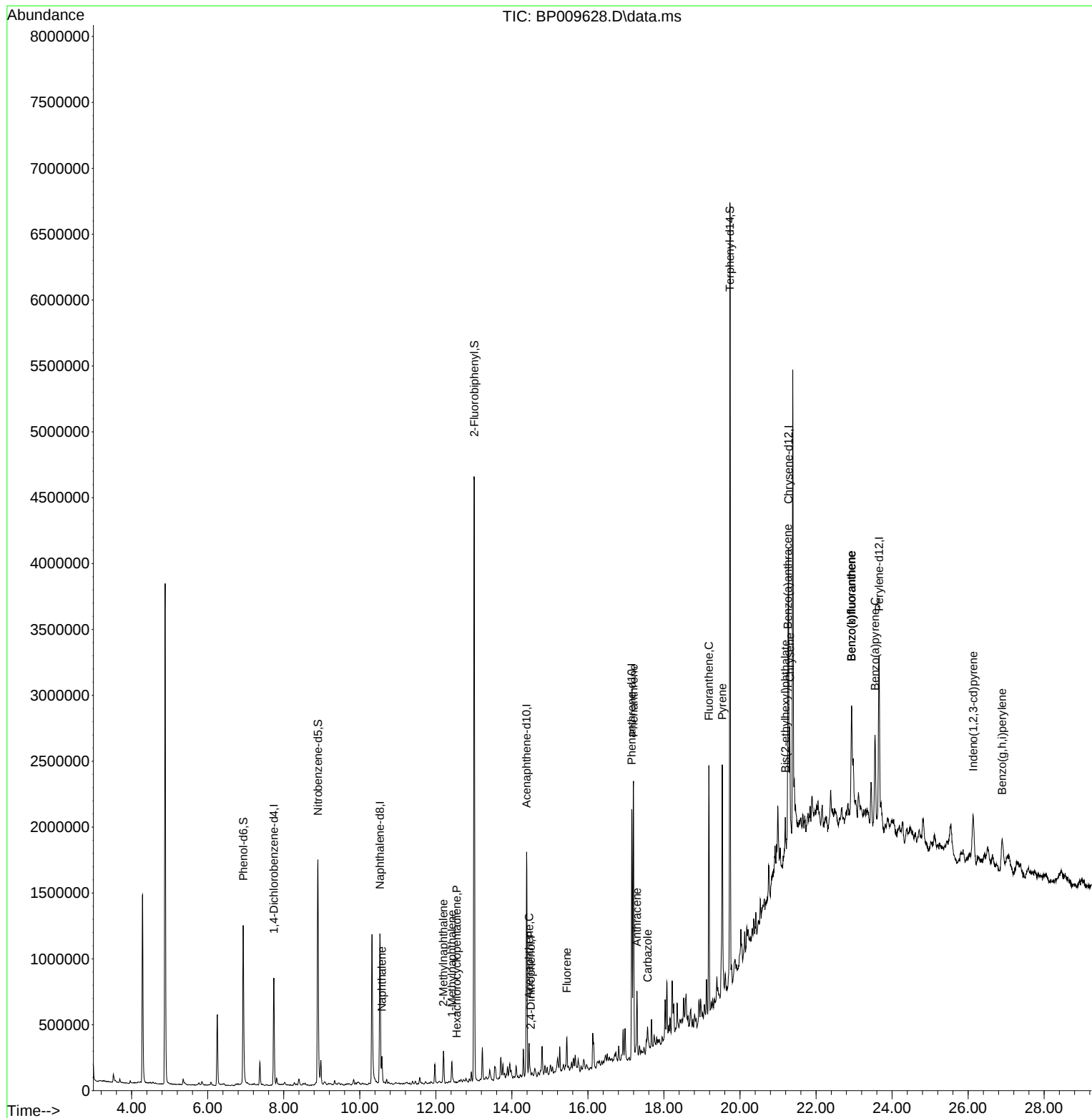
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	253259	20.000	ng	0.00
21) Naphthalene-d8	10.528	136	996989	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	615792	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1243559	20.000	ng	0.00
76) Chrysene-d12	21.275	240	968198	20.000	ng	# 0.00
86) Perylene-d12	23.657	264	1097434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	28177	1.942	ng	0.00
7) Phenol-d6	6.934	99	894425	45.595	ng	0.00
23) Nitrobenzene-d5	8.899	82	1163144	61.997	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	2600	0.256	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	2751575	61.944	ng	0.00
79) Terphenyl-d14	19.733	244	3317567	61.503	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.887	77	2297	Below Cal	#	86
31) Naphthalene	10.581	128	176740	3.442	ng	99
37) 2-Methylnaphthalene	12.199	142	131117	3.639	ng	99
38) 1-Methylnaphthalene	12.422	142	83393	2.376	ng	98
41) Hexachlorocyclopentadiene	12.551	237	29	7.291	ng	80
52) Acenaphthene	14.451	154	86281	2.587	ng	99
54) 2,4-Dinitrophenol	14.498	184	93	4.547	ng	# 1
58) Fluorene	15.445	166	120205	2.728	ng	# 97
71) Phenanthrene	17.198	178	1424879	21.405	ng	100
72) Anthracene	17.287	178	345183	5.252	ng	98
73) Carbazole	17.569	167	131271	2.042	ng	95
75) Fluoranthene	19.181	202	1191314	14.782	ng	98
78) Pyrene	19.533	202	1069276	16.760	ng	99
81) Benzo(a)anthracene	21.257	228	569714	8.956	ng	99
83) Chrysene	21.310	228	506481	8.409	ng	97
84) Bis(2-ethylhexyl)phtha...	21.192	149	100068	2.647	ng	# 95
87) Indeno(1,2,3-cd)pyrene	26.133	276	344037	4.132	ng	# 91
88) Benzo(b)fluoranthene	22.933	252	679501	10.372	ng	# 92
89) Benzo(k)fluoranthene	22.933	252	679501	10.593	ng	# 92
90) Benzo(a)pyrene	23.551	252	497820	8.881	ng	94
92) Benzo(g,h,i)perylene	26.892	276	342560	5.018	ng	# 91

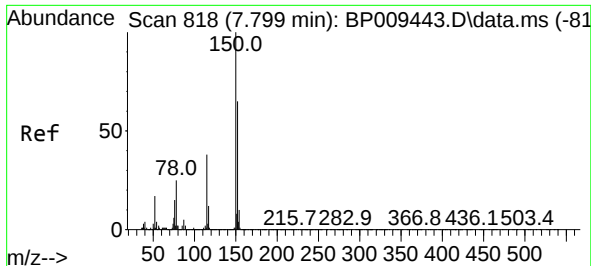
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009628.D
Acq On : 30 Mar 2022 20:28
Operator : CG/JU
Sample : N2155-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-F

Quant Time: Mar 31 04:41:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 04:36:51 2022
Response via : Initial Calibration

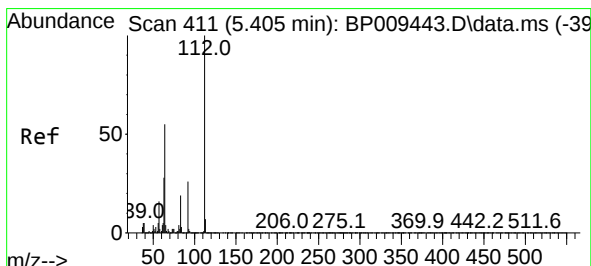
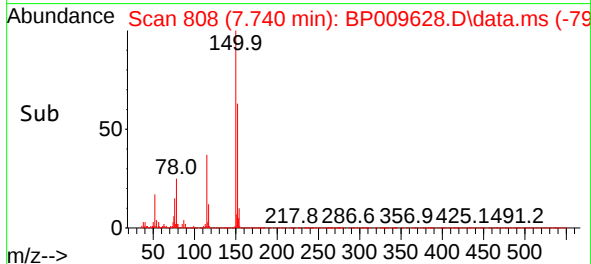
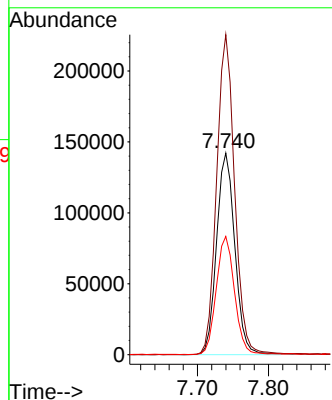
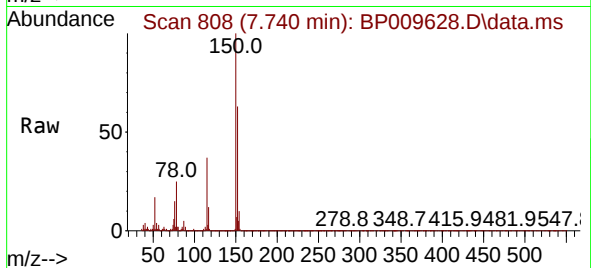




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP009628.D
 Acq: 30 Mar 2022 20:28

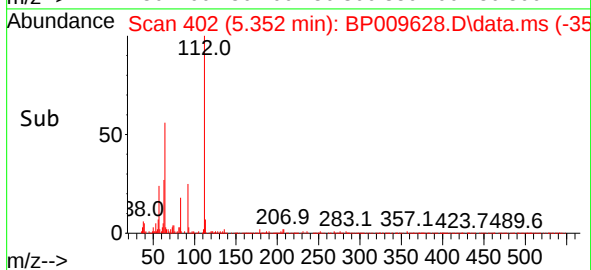
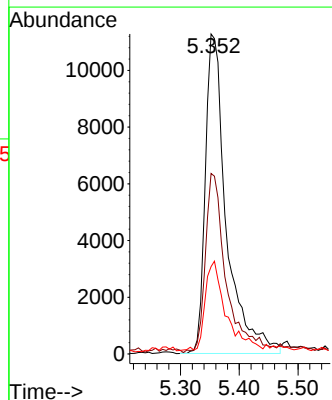
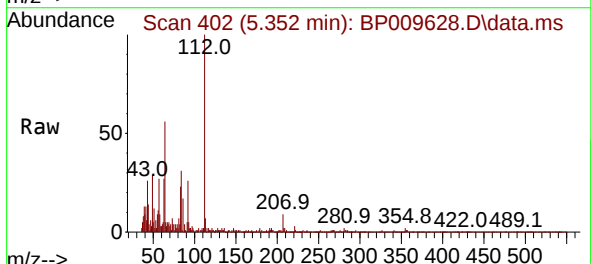
Instrument :
 BNA_P
 ClientSampleId :
 22L076-F

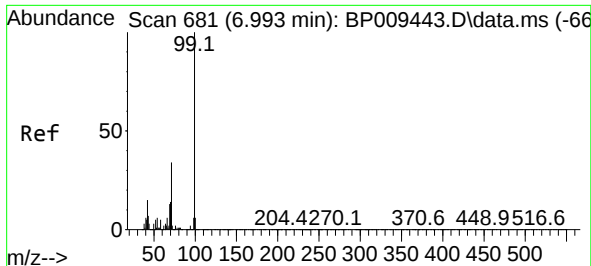
Tgt Ion:152 Resp: 253259
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.5 186.7
 115 58.7 48.2 72.4



#5
 2-Fluorophenol
 Concen: 1.942 ng
 RT: 5.352 min Scan# 402
 Delta R.T. 0.006 min
 Lab File: BP009628.D
 Acq: 30 Mar 2022 20:28

Tgt Ion:112 Resp: 28177
 Ion Ratio Lower Upper
 112 100
 64 56.4 45.0 67.4
 63 27.3 23.0 34.6

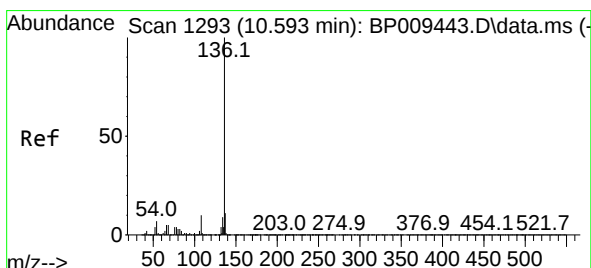
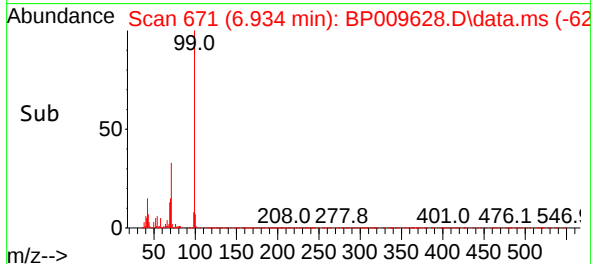
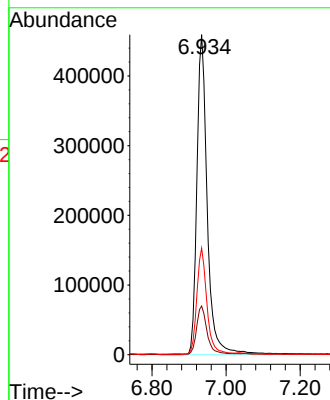
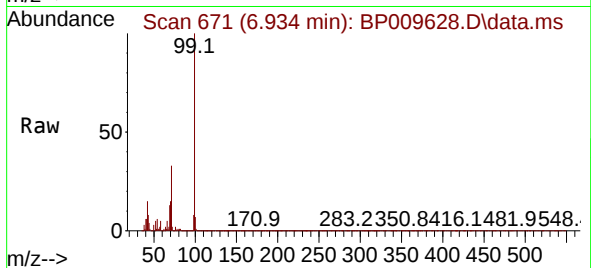




#7
Phenol-d6
Concen: 45.595 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

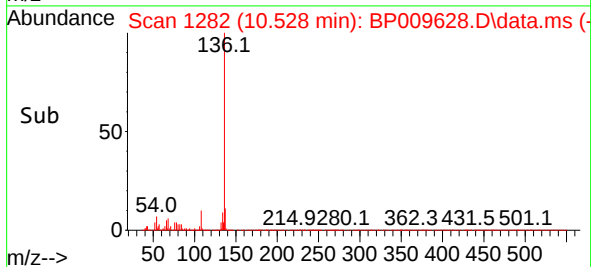
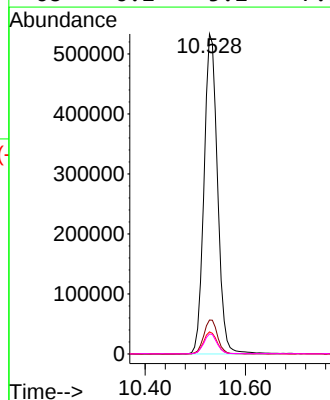
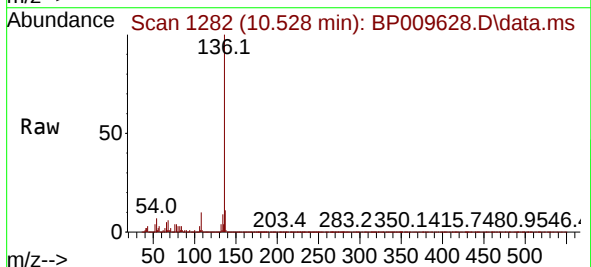
Instrument :
BNA_P
ClientSampleId :
22L076-F

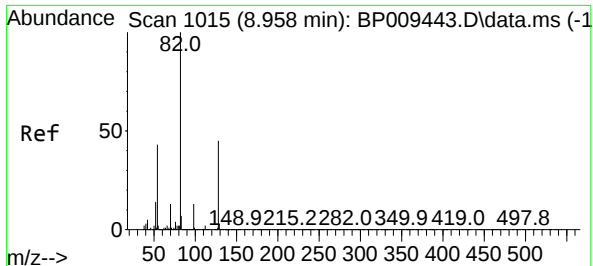
Tgt Ion: 99 Resp: 894425
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

Tgt Ion: 136 Resp: 996989
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.9 5.8 8.8
68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 61.997 ng

RT: 8.899 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BP009628.D

Acq: 30 Mar 2022 20:28

Instrument :

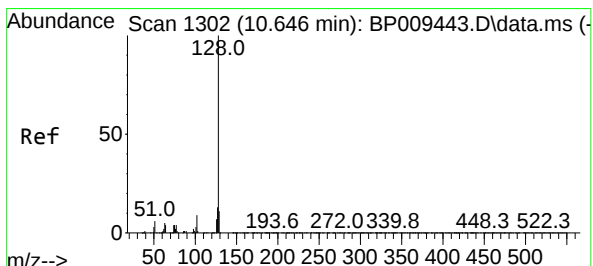
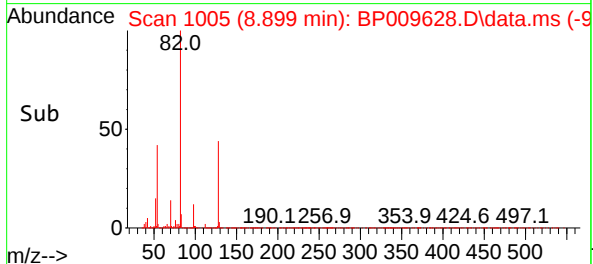
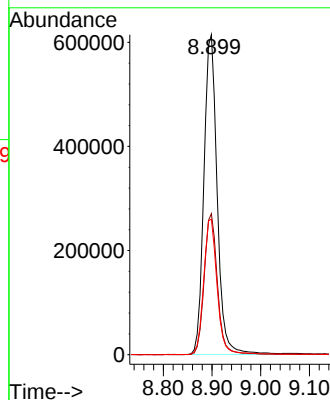
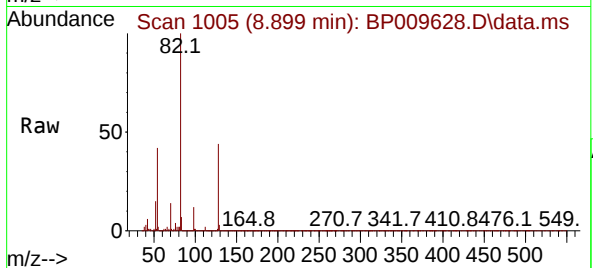
BNA_P

ClientSampleId :

22L076-F

Tgt Ion: 82 Resp: 1163144

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.4
54	42.4	34.7	52.1



#31

Naphthalene

Concen: 3.442 ng

RT: 10.581 min Scan# 1291

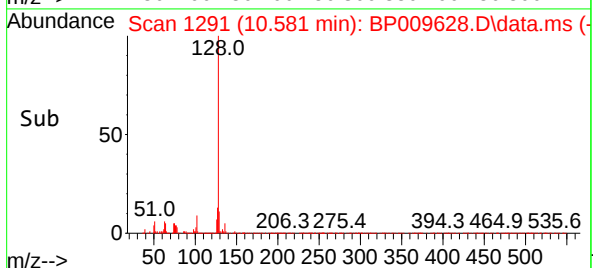
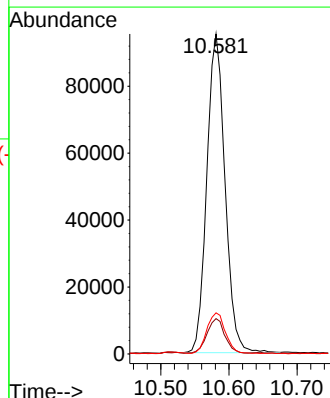
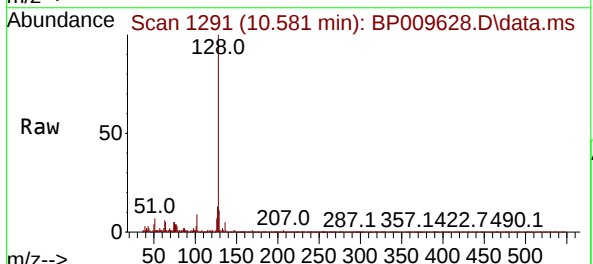
Delta R.T. 0.000 min

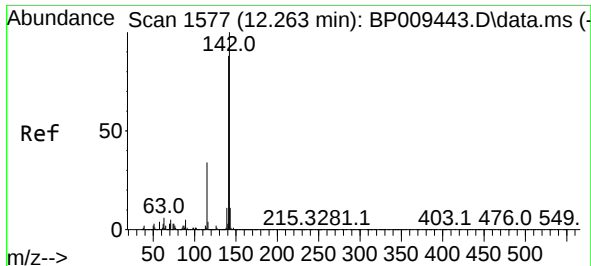
Lab File: BP009628.D

Acq: 30 Mar 2022 20:28

Tgt Ion: 128 Resp: 176740

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	12.9	10.5	15.7

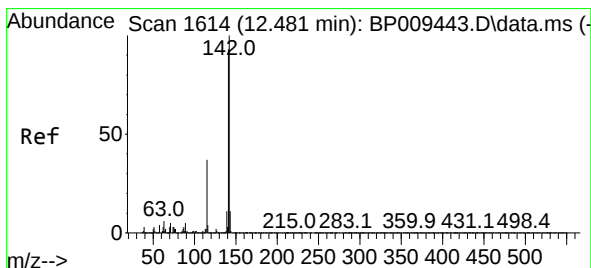
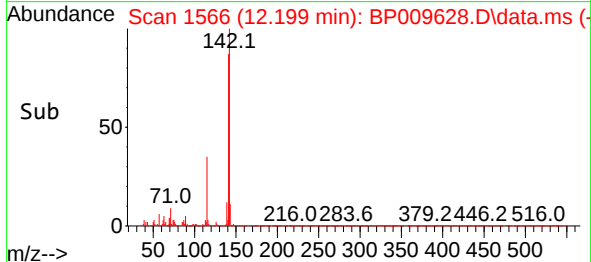
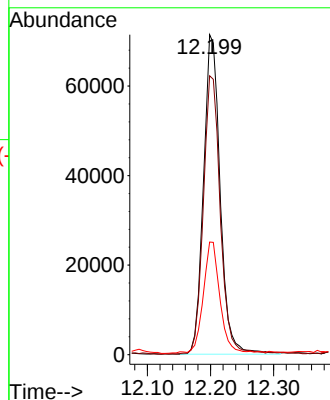
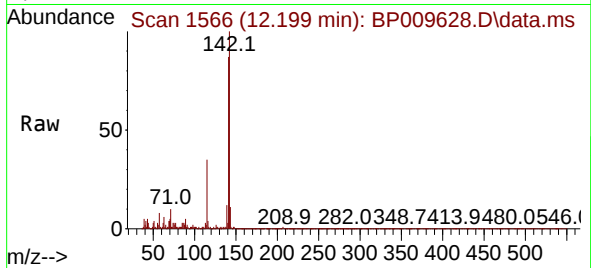




#37
2-Methylnaphthalene
Concen: 3.639 ng
RT: 12.199 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

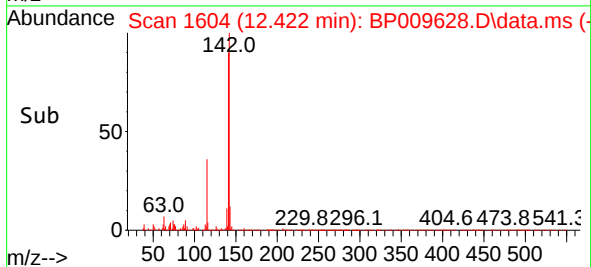
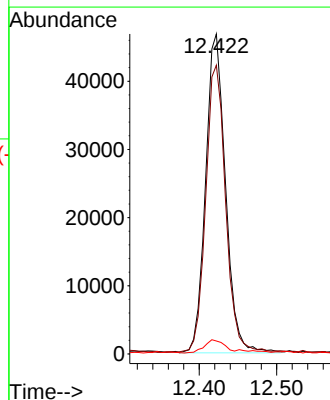
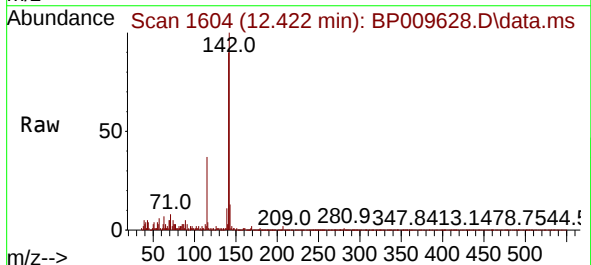
Instrument :
BNA_P
ClientSampleId :
22L076-F

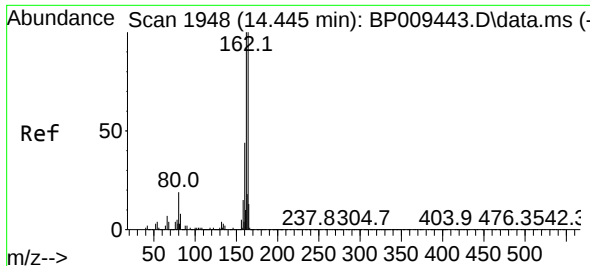
Tgt Ion:142 Resp: 131117
Ion Ratio Lower Upper
142 100
141 87.2 70.2 105.4
115 35.2 27.4 41.2



#38
1-Methylnaphthalene
Concen: 2.376 ng
RT: 12.422 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

Tgt Ion:142 Resp: 83393
Ion Ratio Lower Upper
142 100
141 90.3 73.5 110.3
116 4.1 3.3 4.9

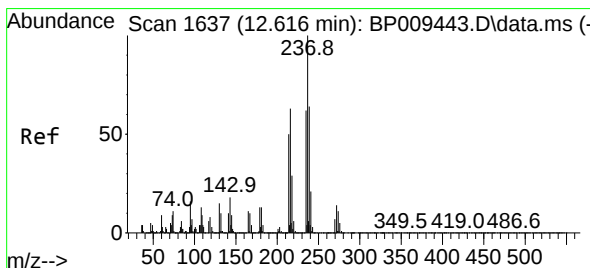
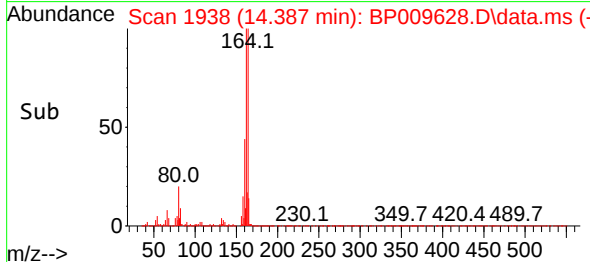
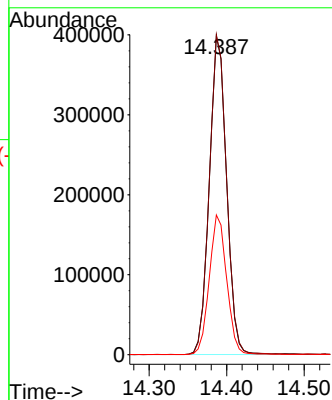
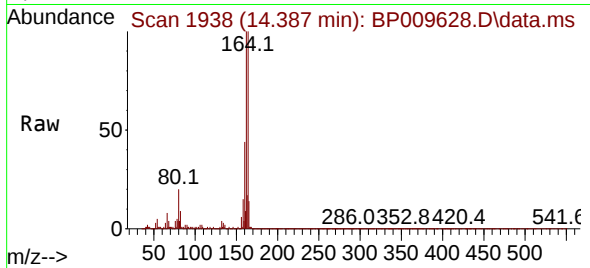




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

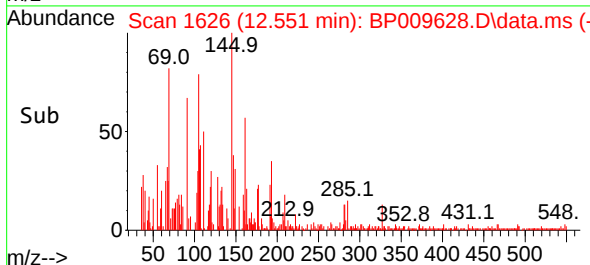
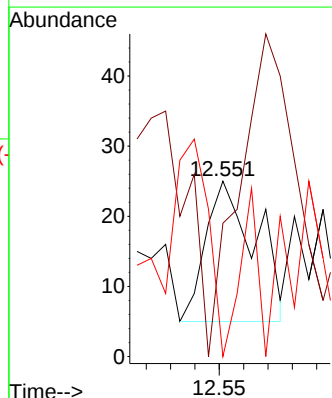
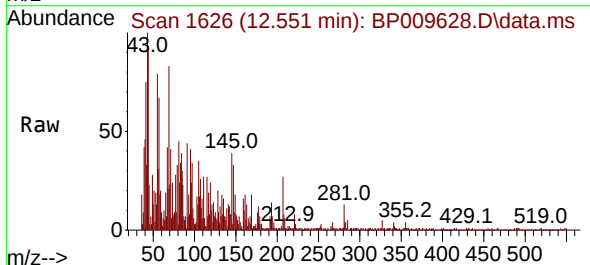
Instrument :
BNA_P
ClientSampleId :
22L076-F

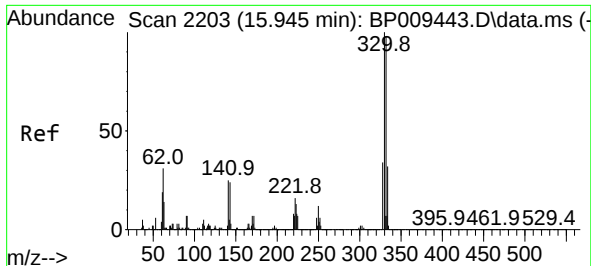
Tgt Ion:164 Resp: 615792
Ion Ratio Lower Upper
164 100
162 100.4 79.1 118.7
160 43.8 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.551 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

Tgt Ion:237 Resp: 29
Ion Ratio Lower Upper
237 100
235 76.0 42.6 82.6
272 0.0 0.0 32.8

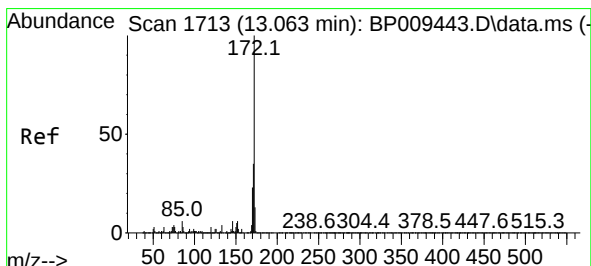
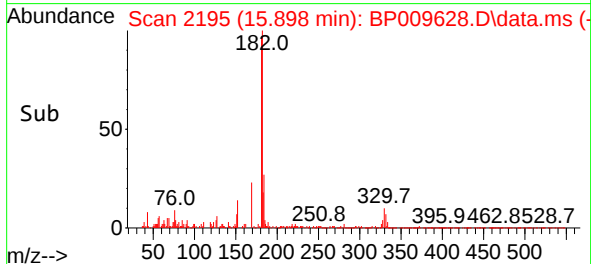
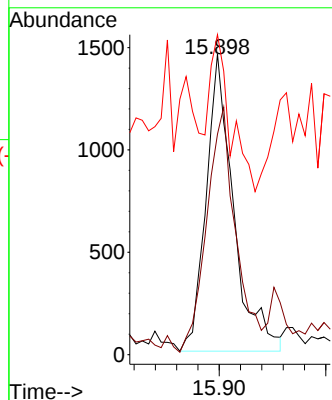
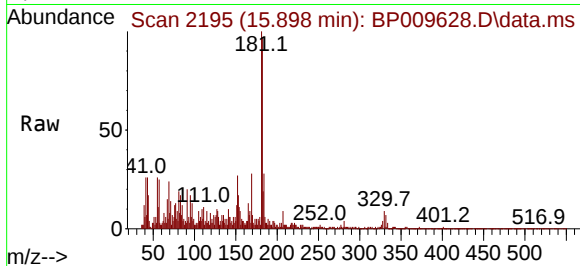




#42
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.898 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

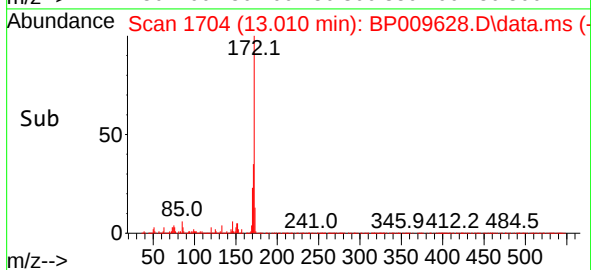
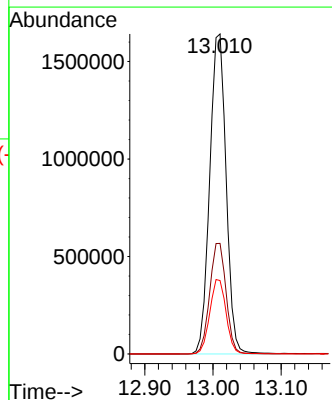
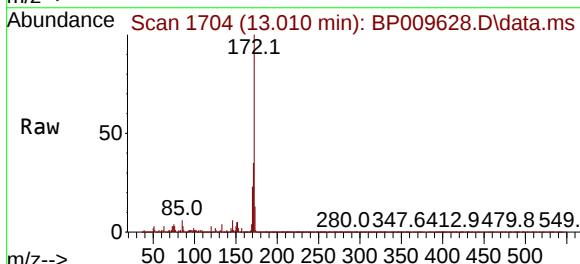
Instrument :
BNA_P
ClientSampleId :
22L076-F

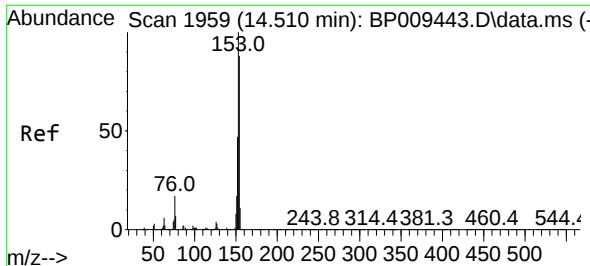
Tgt Ion:330 Resp: 2600
Ion Ratio Lower Upper
330 100
332 86.7 77.0 115.6
141 38.2 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 61.944 ng
RT: 13.010 min Scan# 1704
Delta R.T. 0.000 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

Tgt Ion:172 Resp: 2751575
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 22.9 18.6 27.8

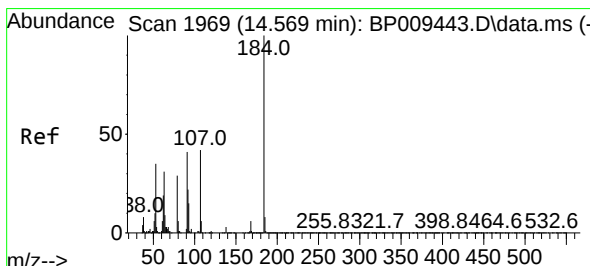
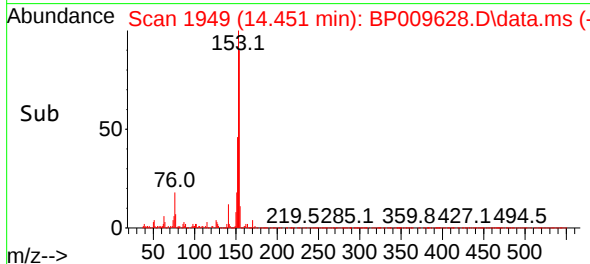
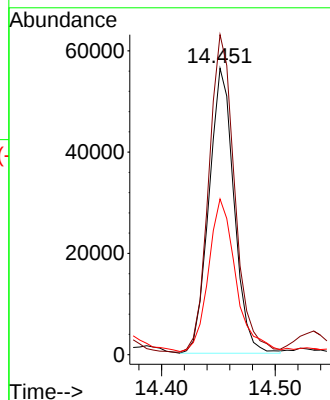
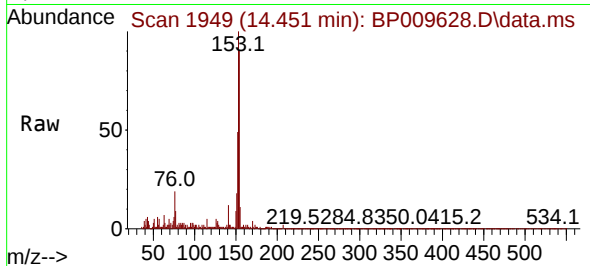




#52
Acenaphthene
Concen: 2.587 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

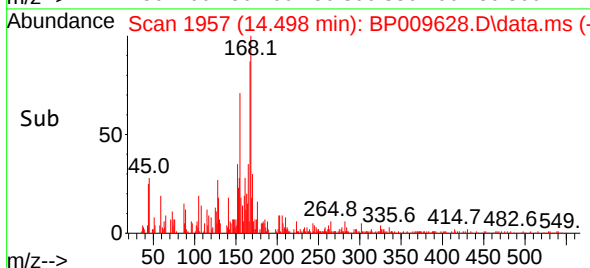
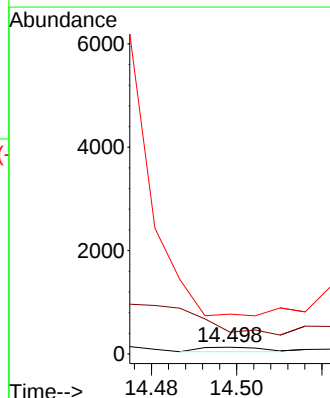
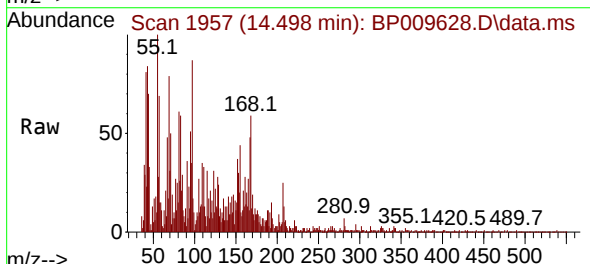
Instrument :
BNA_P
ClientSampleId :
22L076-F

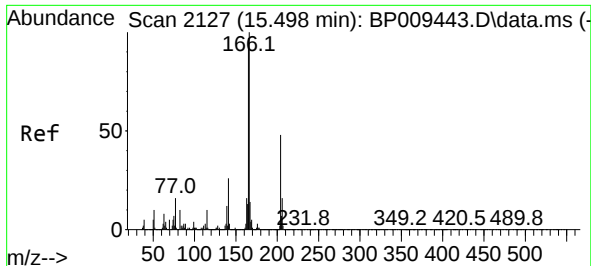
Tgt Ion:154 Resp: 86281
Ion Ratio Lower Upper
154 100
153 111.7 90.2 135.4
152 54.4 42.7 64.1



#54
2,4-Dinitrophenol
Concen: 4.547 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.029 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

Tgt Ion:184 Resp: 93
Ion Ratio Lower Upper
184 100
63 321.4 46.3 69.5#
154 588.5 45.8 68.6#

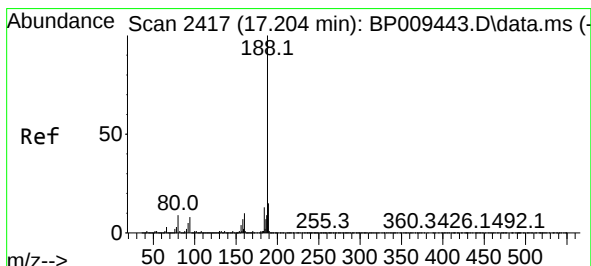
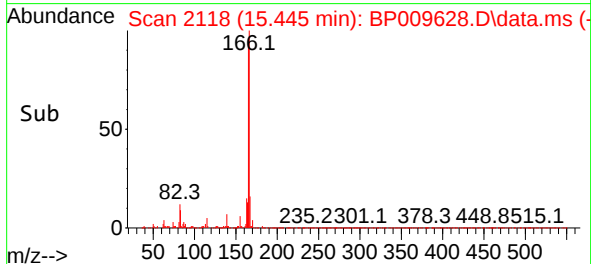
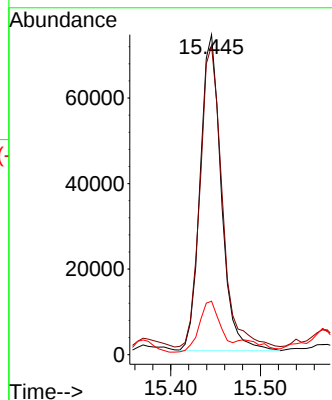
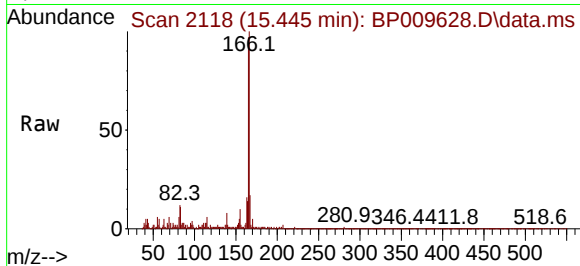




#58
 Fluorene
 Concen: 2.728 ng
 RT: 15.445 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: BP009628.D
 Acq: 30 Mar 2022 20:28

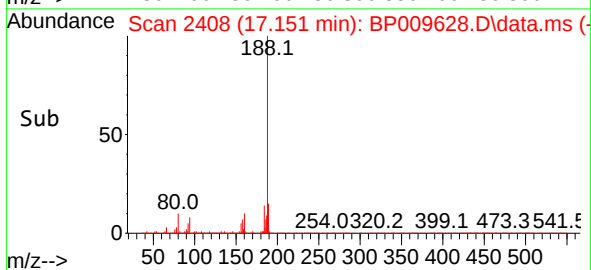
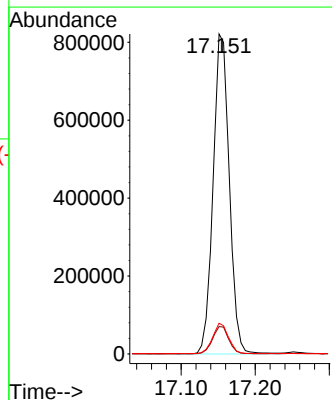
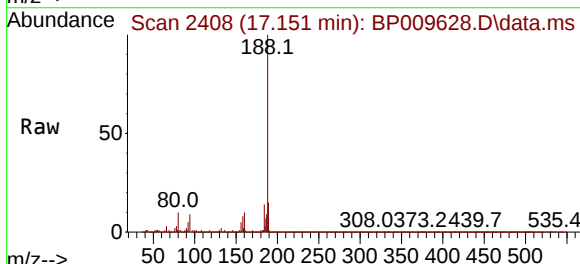
Instrument :
 BNA_P
 ClientSampleId :
 22L076-F

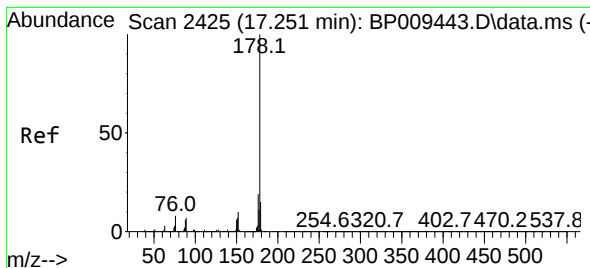
Tgt Ion:166 Resp: 120205
 Ion Ratio Lower Upper
 166 100
 165 96.6 79.2 118.8
 167 16.7 10.7 16.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.151 min Scan# 2408
 Delta R.T. -0.006 min
 Lab File: BP009628.D
 Acq: 30 Mar 2022 20:28

Tgt Ion:188 Resp: 1243559
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.9 11.9
 80 9.6 8.8 13.2





#71

Phenanthrene

Concen: 21.405 ng

RT: 17.198 min Scan# 2416

Delta R.T. 0.000 min

Lab File: BP009628.D

Acq: 30 Mar 2022 20:28

Instrument :

BNA_P

ClientSampleId :

22L076-F

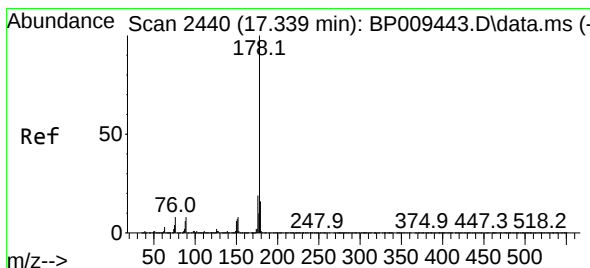
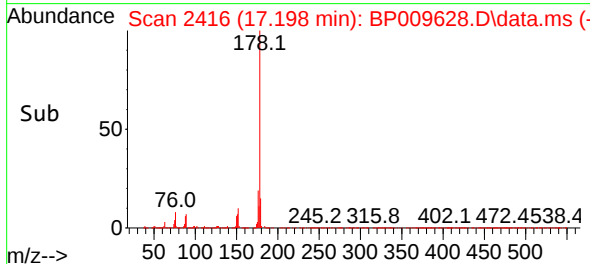
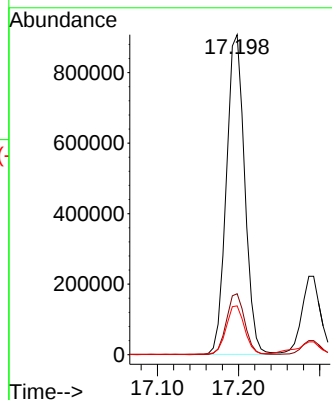
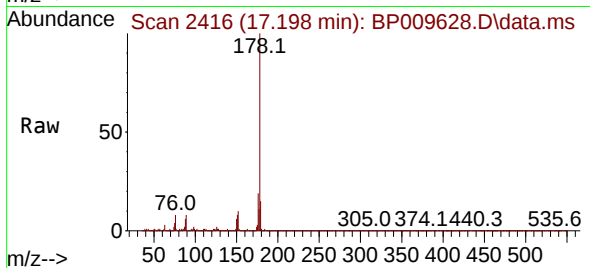
Tgt Ion:178 Resp: 1424879

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

179 15.2 12.3 18.5



#72

Anthracene

Concen: 5.252 ng

RT: 17.287 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP009628.D

Acq: 30 Mar 2022 20:28

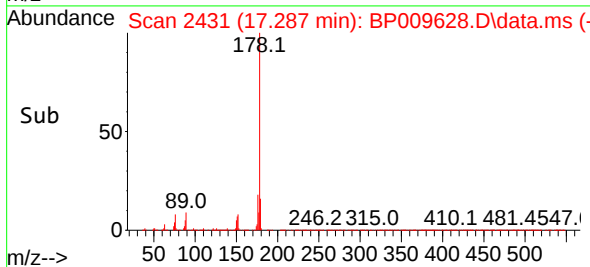
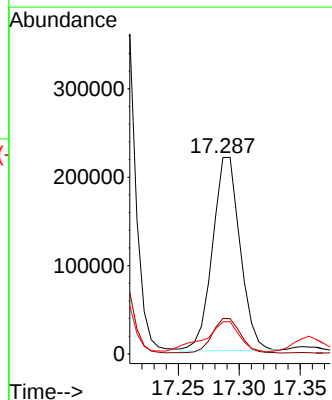
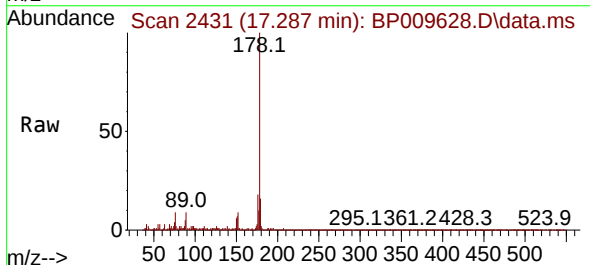
Tgt Ion:178 Resp: 345183

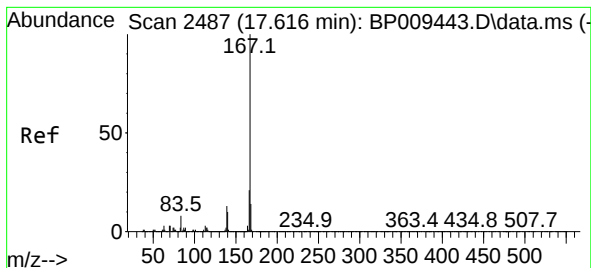
Ion Ratio Lower Upper

178 100

176 18.1 14.8 22.2

179 16.4 12.2 18.4





#73

Carbazole

Concen: 2.042 ng

RT: 17.569 min Scan# 24

Delta R.T. 0.000 min

Lab File: BP009628.D

Acq: 30 Mar 2022 20:28

Instrument :

BNA_P

ClientSampleId :

22L076-F

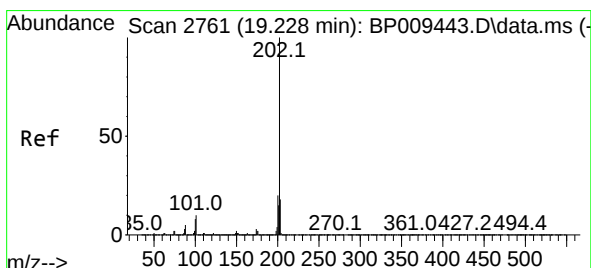
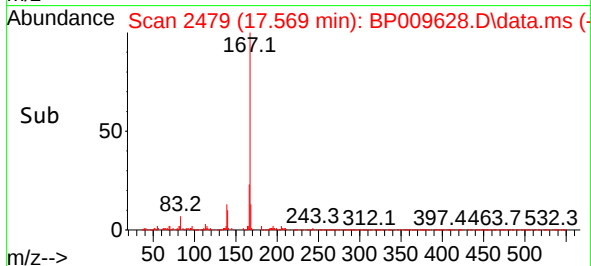
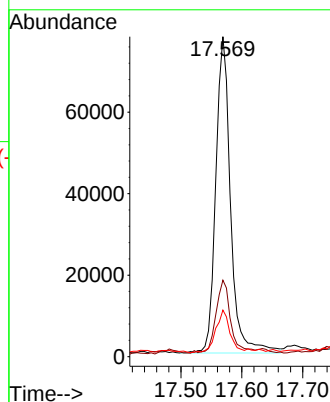
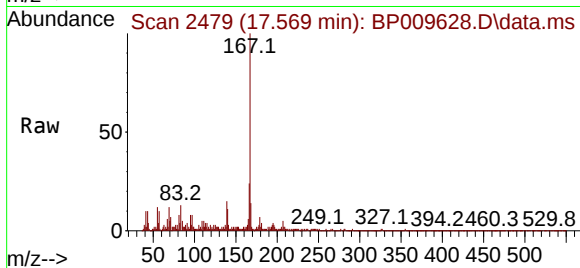
Tgt Ion:167 Resp: 131271

Ion Ratio Lower Upper

167 100

166 23.9 17.2 25.8

139 14.6 10.3 15.5



#75

Fluoranthene

Concen: 14.782 ng

RT: 19.181 min Scan# 2753

Delta R.T. 0.000 min

Lab File: BP009628.D

Acq: 30 Mar 2022 20:28

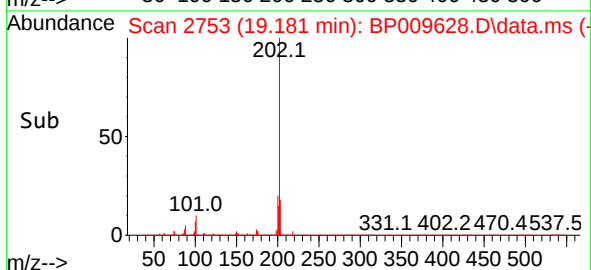
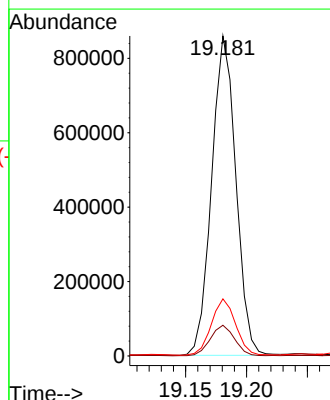
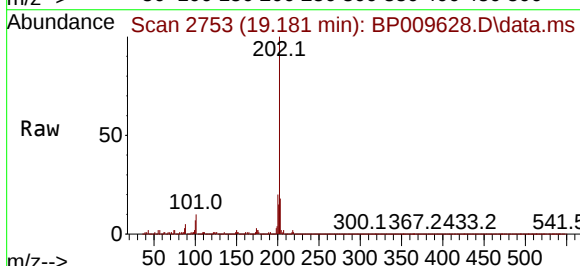
Tgt Ion:202 Resp: 1191314

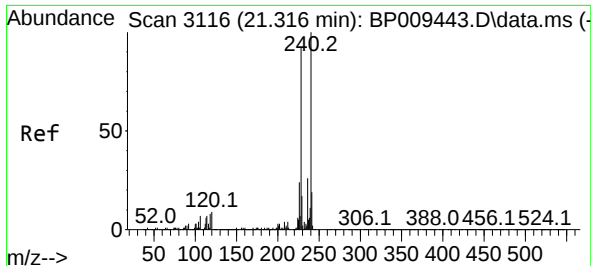
Ion Ratio Lower Upper

202 100

101 9.6 0.0 31.5

203 17.9 0.0 37.8

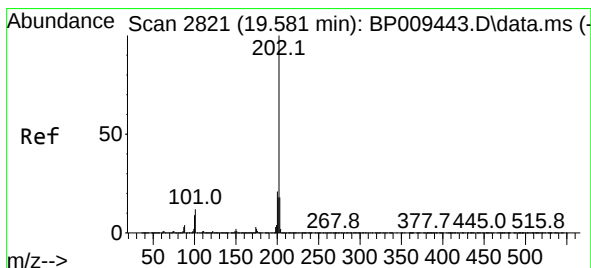
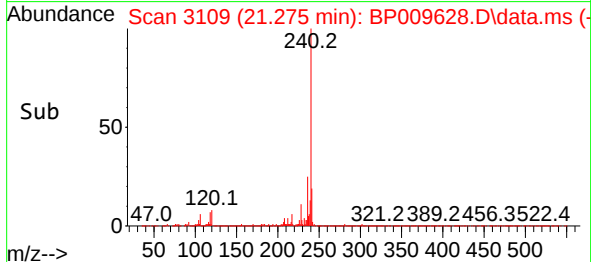
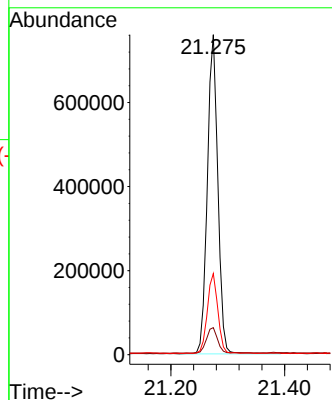
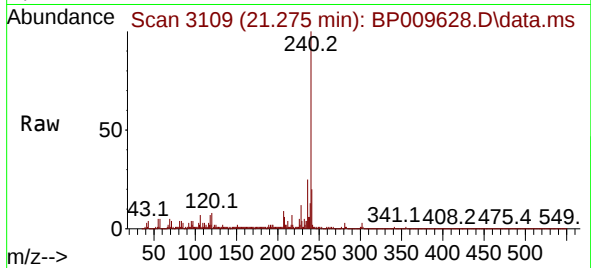




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.275 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

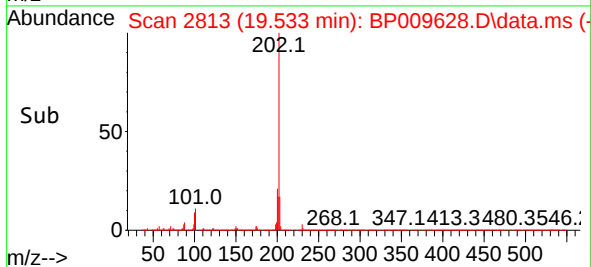
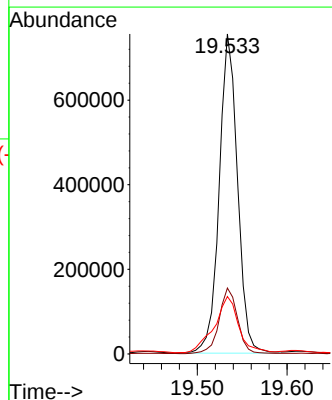
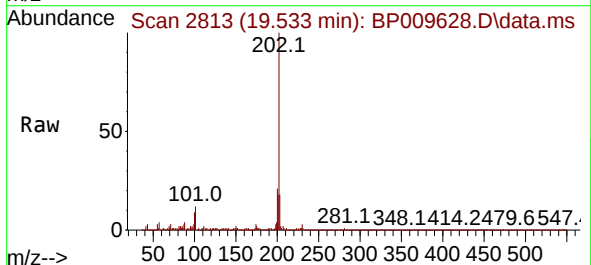
Instrument :
BNA_P
ClientSampleId :
22L076-F

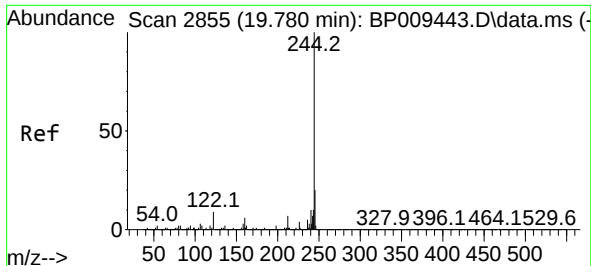
Tgt Ion:240 Resp: 968198
Ion Ratio Lower Upper
240 100
120 8.4 9.0 13.4#
236 25.4 20.6 30.8



#78
Pyrene
Concen: 16.760 ng
RT: 19.533 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

Tgt Ion:202 Resp: 1069276
Ion Ratio Lower Upper
202 100
200 20.6 16.8 25.2
203 18.0 14.2 21.4

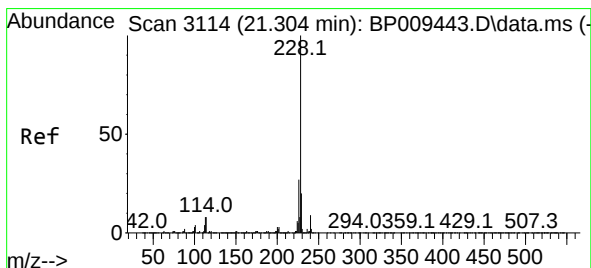
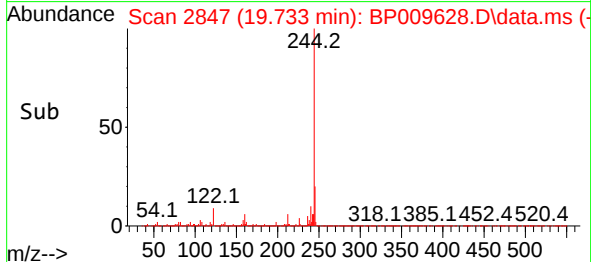
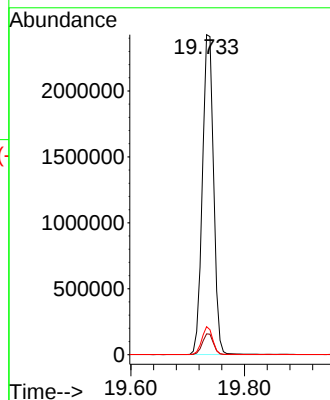
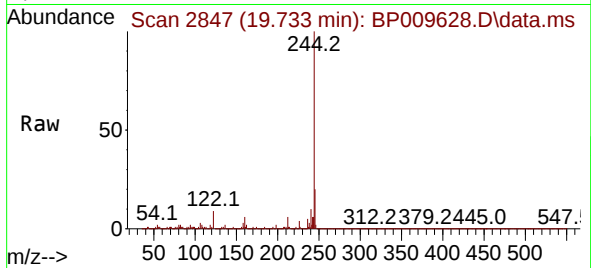




#79
 Terphenyl-d14
 Concen: 61.503 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009628.D
 Acq: 30 Mar 2022 20:28

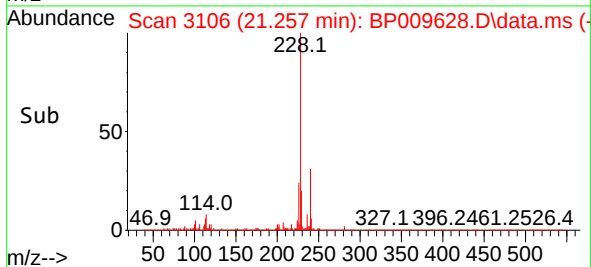
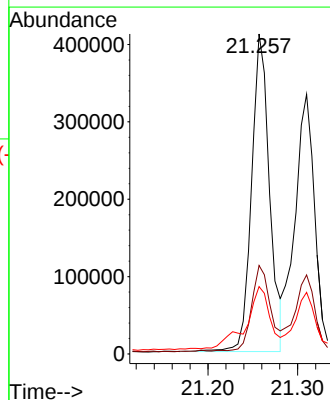
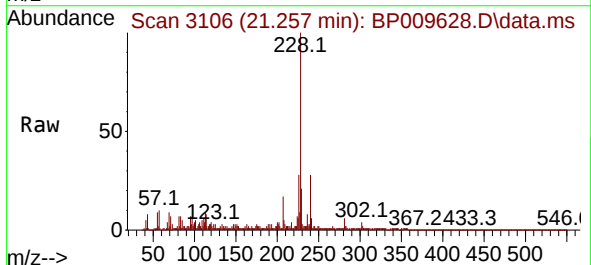
Instrument :
 BNA_P
 ClientSampleId :
 22L076-F

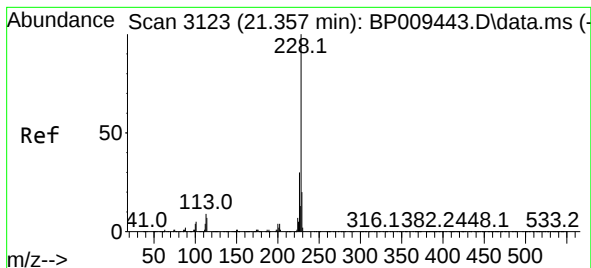
Tgt Ion:244 Resp: 3317567
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 8.7 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 8.956 ng
 RT: 21.257 min Scan# 3106
 Delta R.T. -0.006 min
 Lab File: BP009628.D
 Acq: 30 Mar 2022 20:28

Tgt Ion:228 Resp: 569714
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.0 33.0
 229 21.1 16.1 24.1





#83

Chrysene

Concen: 8.409 ng

RT: 21.310 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP009628.D

Acq: 30 Mar 2022 20:28

Instrument :

BNA_P

ClientSampleId :

22L076-F

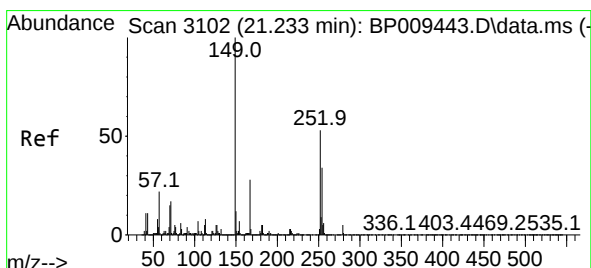
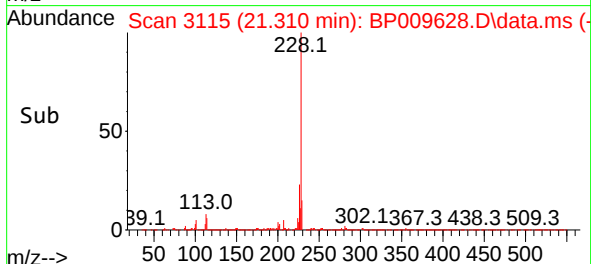
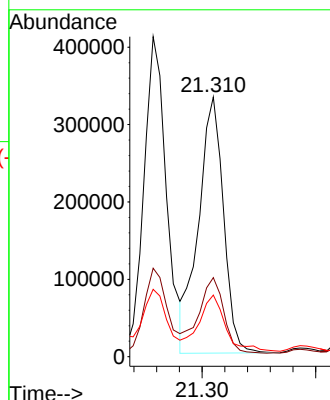
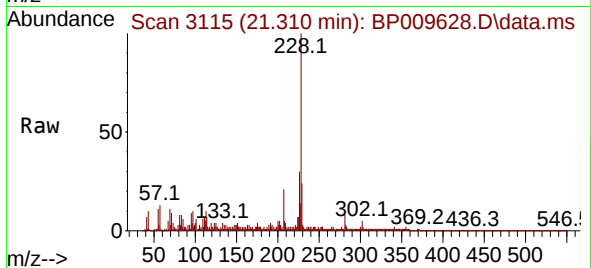
Tgt Ion:228 Resp: 506481

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 23.7 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.647 ng

RT: 21.192 min Scan# 3095

Delta R.T. 0.000 min

Lab File: BP009628.D

Acq: 30 Mar 2022 20:28

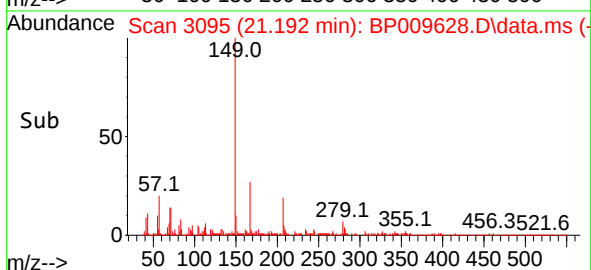
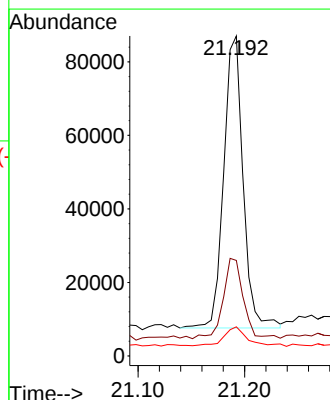
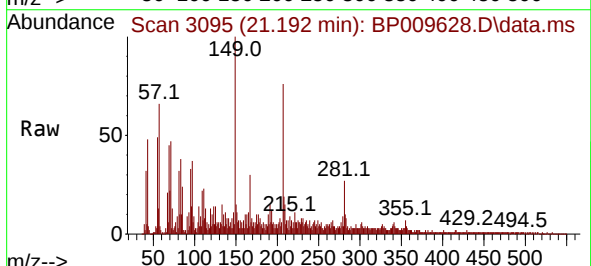
Tgt Ion:149 Resp: 100068

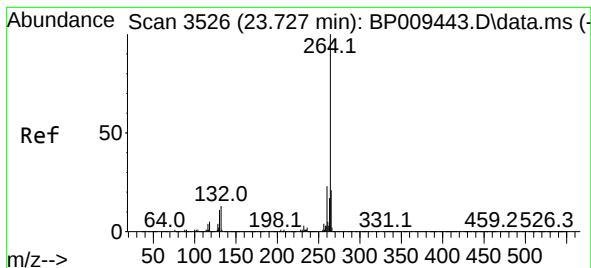
Ion Ratio Lower Upper

149 100

167 29.8 22.6 33.8

279 9.1 3.8 5.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.657 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP009628.D

Acq: 30 Mar 2022 20:28

Instrument :

BNA_P

ClientSampleId :

22L076-F

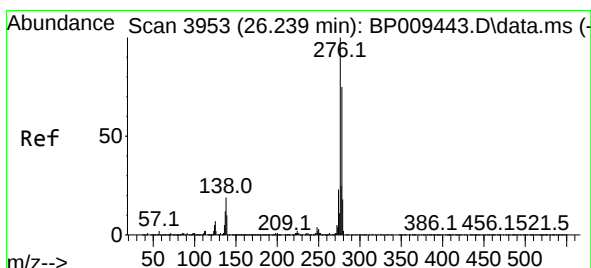
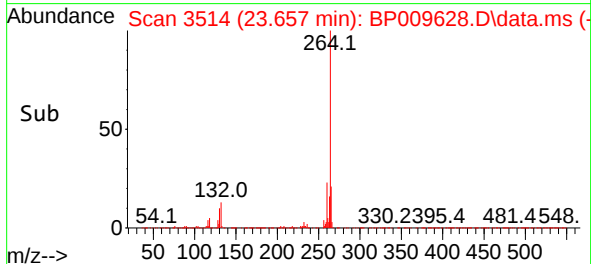
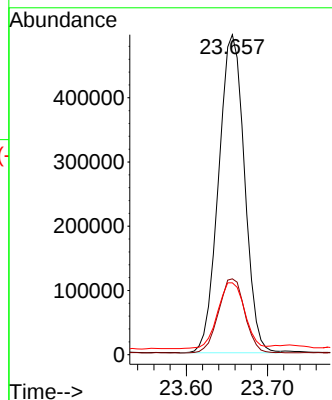
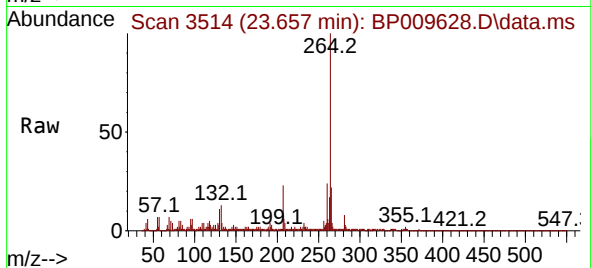
Tgt Ion:264 Resp: 1097434

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 22.5 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.132 ng

RT: 26.133 min Scan# 3935

Delta R.T. -0.006 min

Lab File: BP009628.D

Acq: 30 Mar 2022 20:28

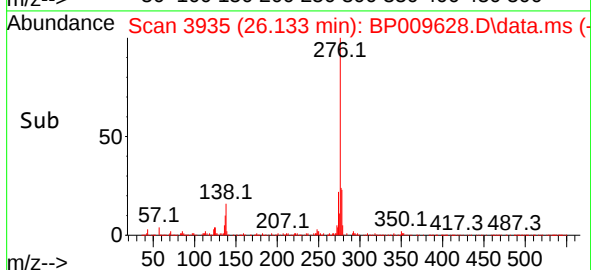
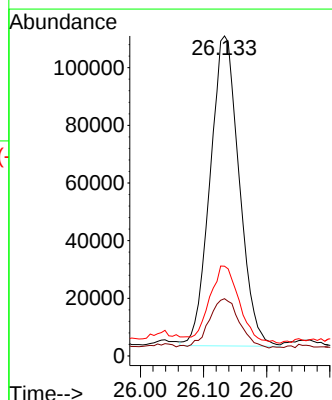
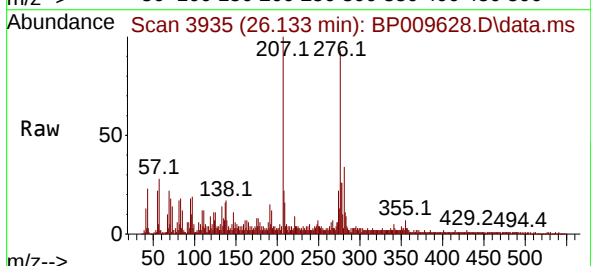
Tgt Ion:276 Resp: 344037

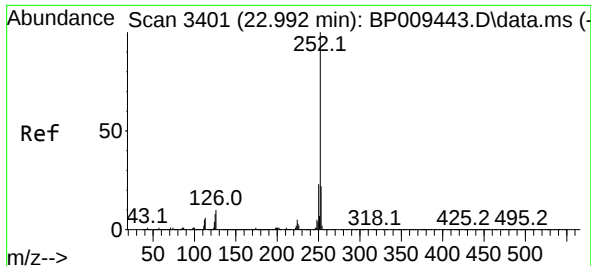
Ion Ratio Lower Upper

276 100

138 16.6 20.5 30.7#

277 25.4 20.4 30.6

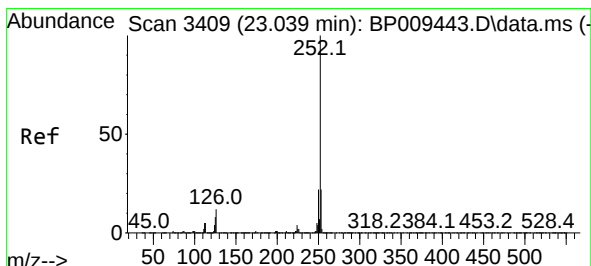
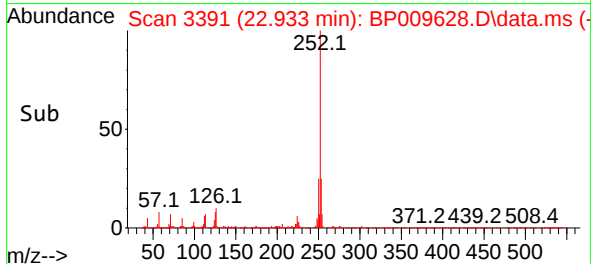
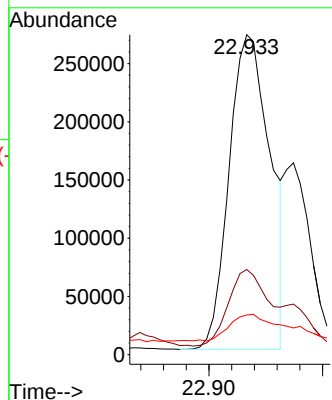
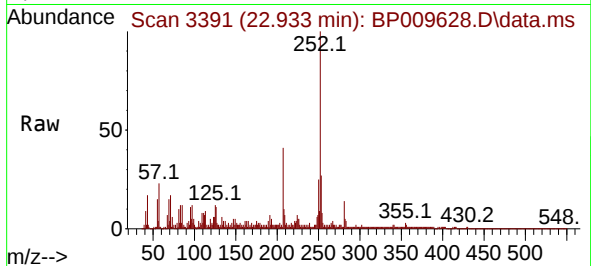




#88
Benzo(b)fluoranthene
Concen: 10.372 ng
RT: 22.933 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

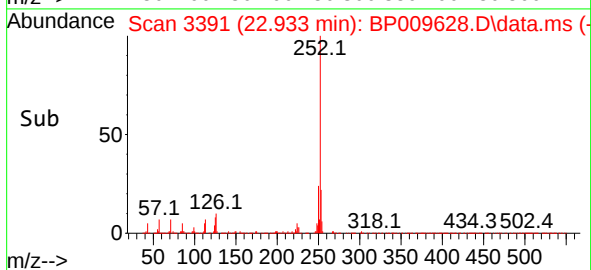
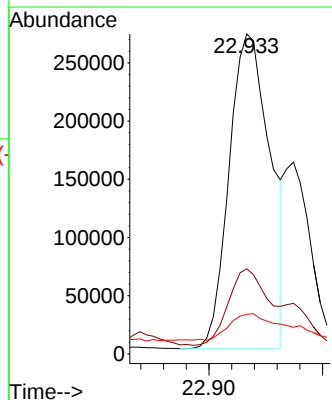
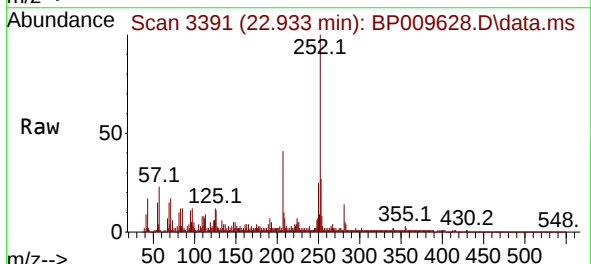
Instrument :
BNA_P
ClientSampleId :
22L076-F

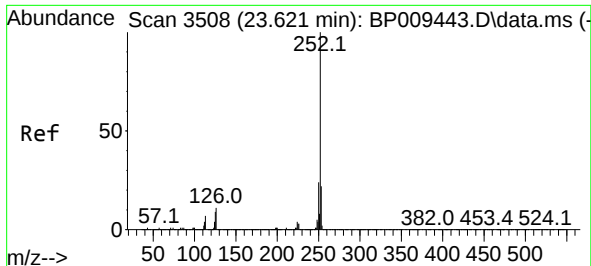
Tgt Ion:252 Resp: 679501
Ion Ratio Lower Upper
252 100
253 26.6 17.8 26.8
125 12.4 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 10.593 ng
RT: 22.933 min Scan# 3391
Delta R.T. -0.047 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

Tgt Ion:252 Resp: 679501
Ion Ratio Lower Upper
252 100
253 26.6 17.5 26.3#
125 12.4 8.3 12.5

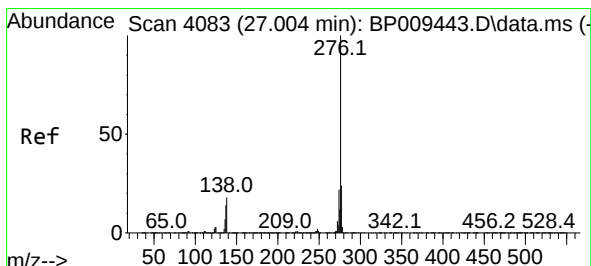
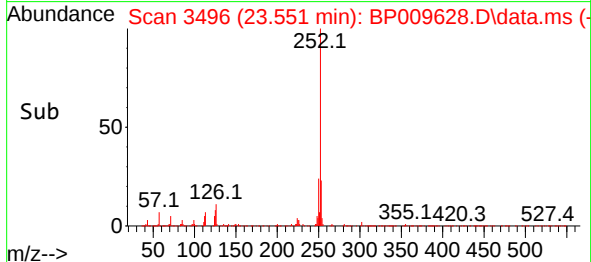
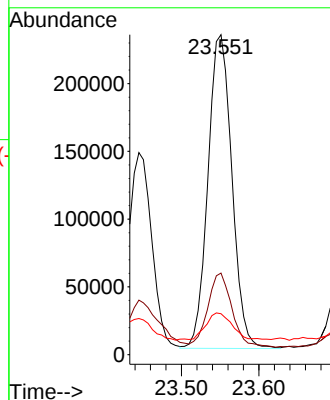
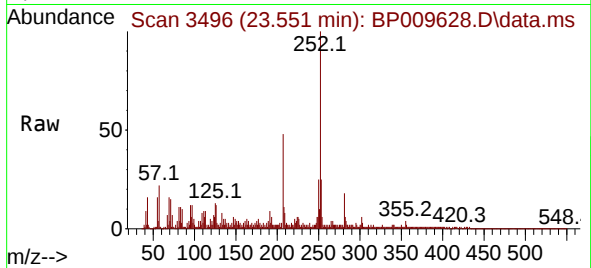




#90
Benzo(a)pyrene
Concen: 8.881 ng
RT: 23.551 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

Instrument :
BNA_P
ClientSampleId :
22L076-F

Tgt Ion:252 Resp: 497820
Ion Ratio Lower Upper
252 100
253 25.5 17.8 26.6
125 12.8 9.3 13.9



#92
Benzo(g,h,i)perylene
Concen: 5.018 ng
RT: 26.892 min Scan# 4064
Delta R.T. -0.006 min
Lab File: BP009628.D
Acq: 30 Mar 2022 20:28

Tgt Ion:276 Resp: 342560
Ion Ratio Lower Upper
276 100
277 27.6 19.2 28.8
138 16.9 18.0 27.0#

