

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014123.D
 Acq On : 17 Mar 2023 16:25
 Operator : CG/JU
 Sample : 01944-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MC-1

Quant Time: Mar 18 00:24:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 00:19:43 2023
 Response via : Initial Calibration

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

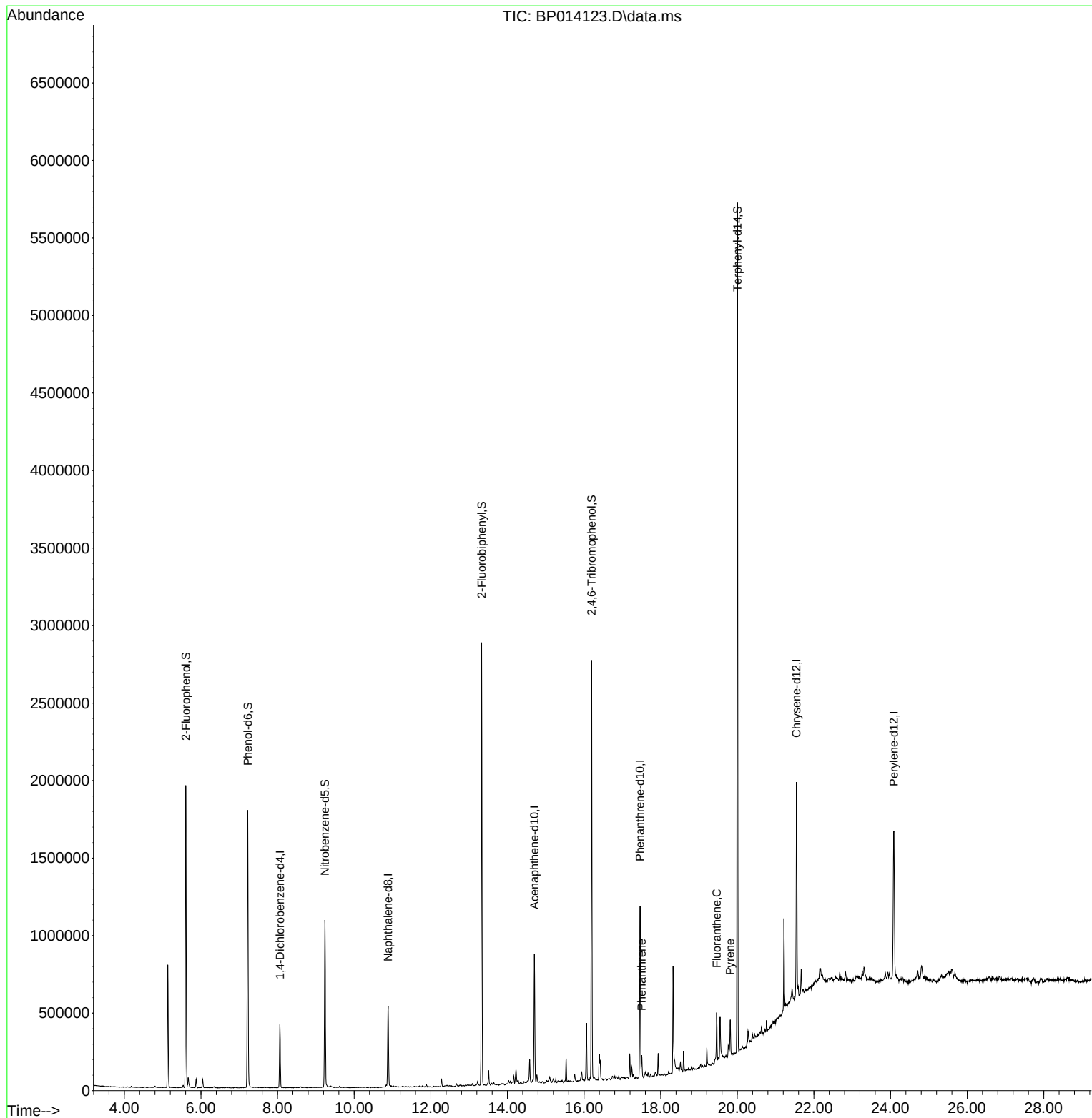
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	108657	20.000	ng	0.00
21) Naphthalene-d8	10.886	136	415318	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	269043	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	638372	20.000	ng	0.00
76) Chrysene-d12	21.545	240	678440	20.000	ng	0.00
86) Perylene-d12	24.086	264	801623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	767666	114.577	ng	0.00
7) Phenol-d6	7.222	99	993028	112.888	ng	0.00
23) Nitrobenzene-d5	9.234	82	638863	70.307	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	533165	122.226	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1390261	66.948	ng	0.00
79) Terphenyl-d14	20.004	244	2597857	63.141	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.504	178	79575	2.231	ng	99
75) Fluoranthene	19.462	202	174768	4.100	ng	99
78) Pyrene	19.815	202	136942	2.630	ng	98

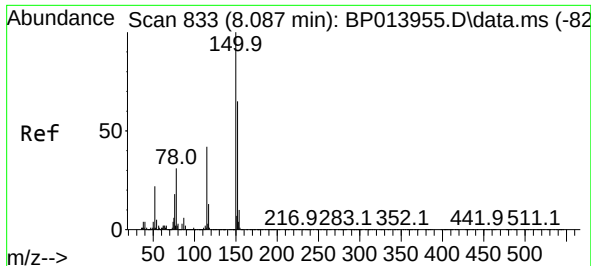
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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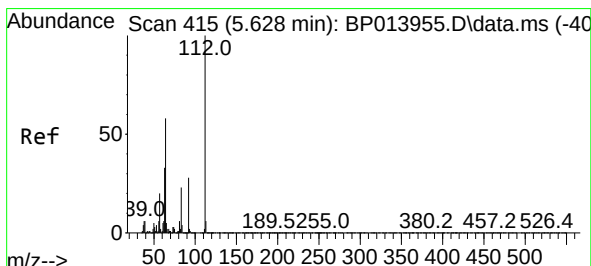
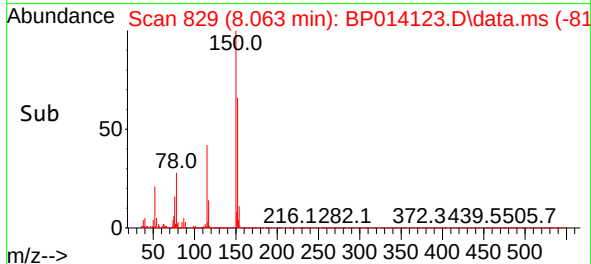
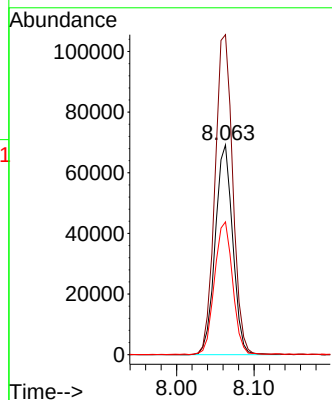
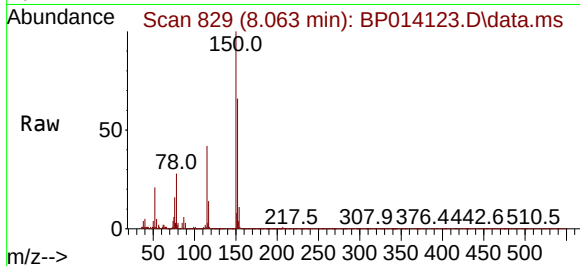




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014123.D
Acq: 17 Mar 2023 16:25

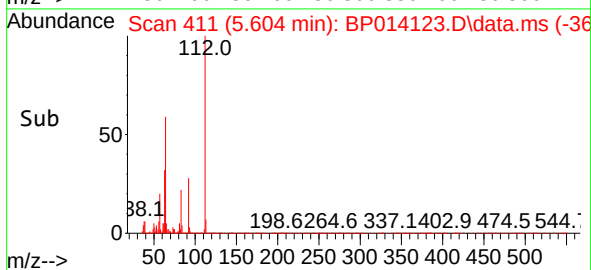
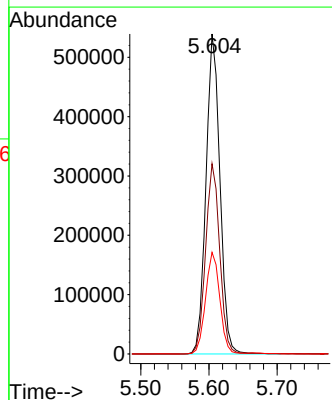
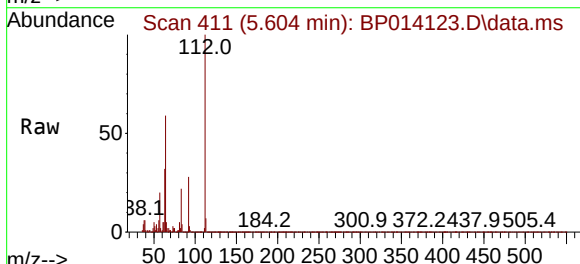
Instrument :
BNA_P
ClientSampleId :
MC-1

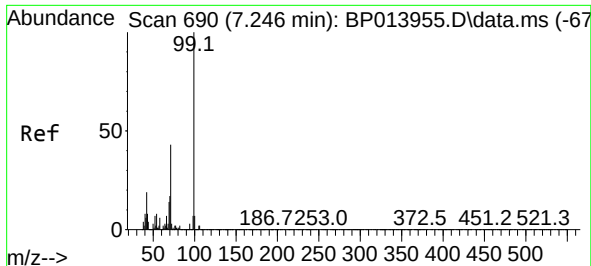
Tgt Ion:152 Resp: 108657
Ion Ratio Lower Upper
152 100
150 152.5 122.3 183.5
115 63.3 51.6 77.4



#5
2-Fluorophenol
Concen: 114.577 ng
RT: 5.604 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP014123.D
Acq: 17 Mar 2023 16:25

Tgt Ion:112 Resp: 767666
Ion Ratio Lower Upper
112 100
64 59.5 46.7 70.1
63 31.8 26.6 40.0

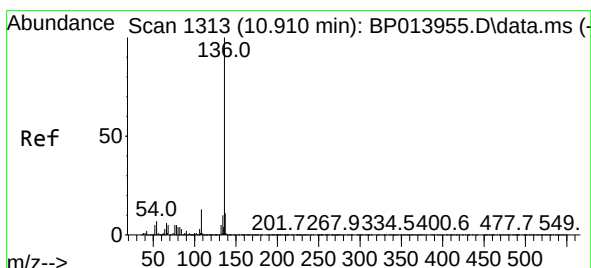
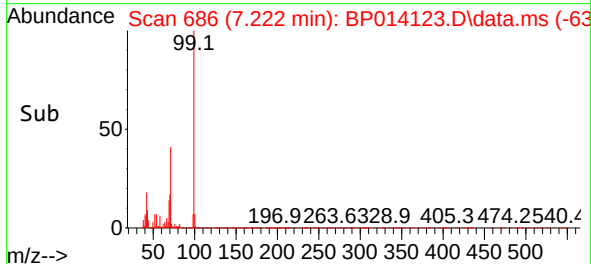
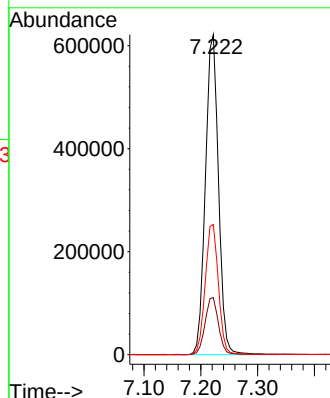
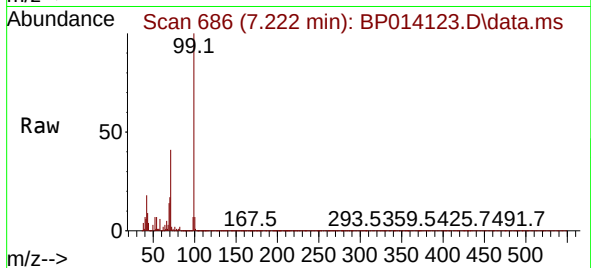




#7
Phenol-d6
Concen: 112.888 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014123.D
Acq: 17 Mar 2023 16:25

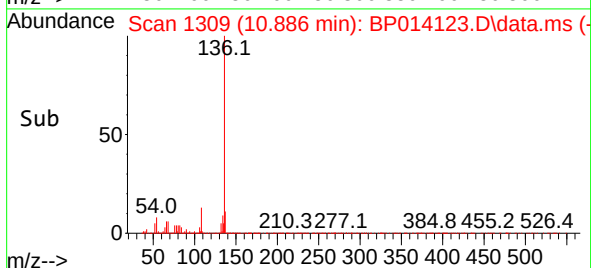
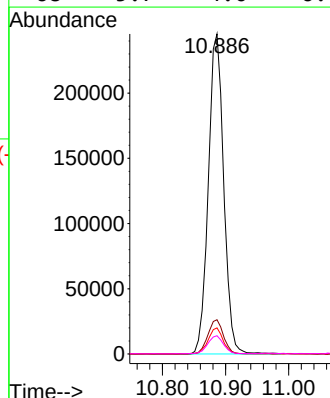
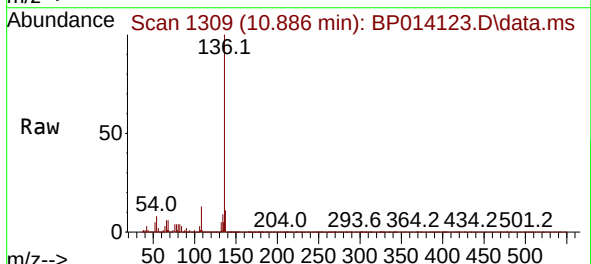
Instrument :
BNA_P
ClientSampleId :
MC-1

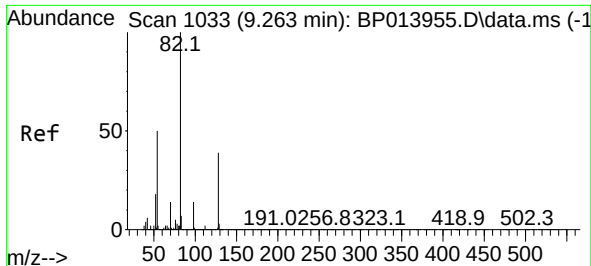
Tgt Ion: 99 Resp: 993028
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.6
71 40.7 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.886 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BP014123.D
Acq: 17 Mar 2023 16:25

Tgt Ion:136 Resp: 415318
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.2 5.8 8.8
68 5.7 4.0 6.0

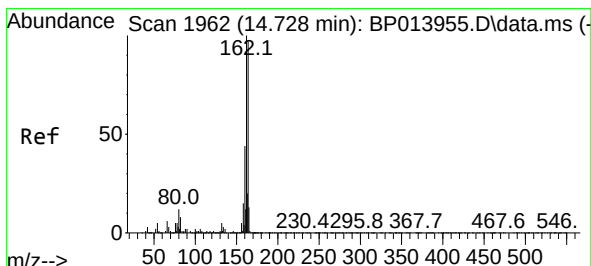
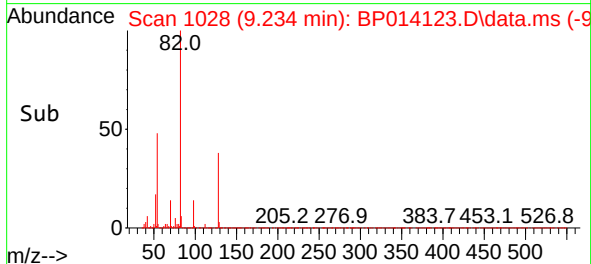
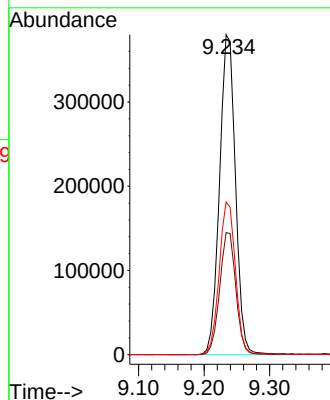
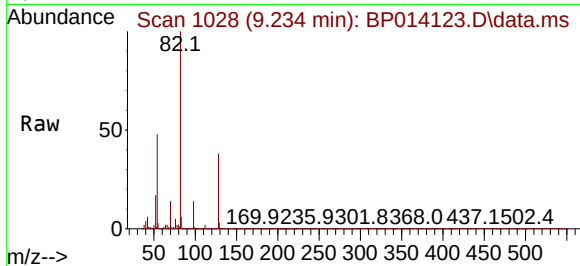




#23
Nitrobenzene-d5
Concen: 70.307 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP014123.D
Acq: 17 Mar 2023 16:25

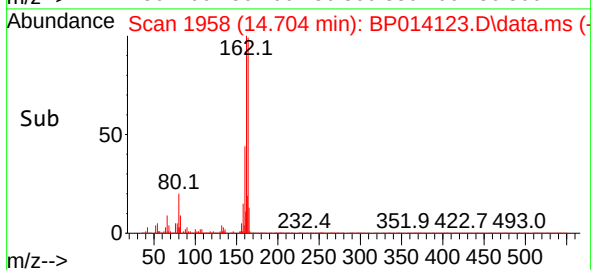
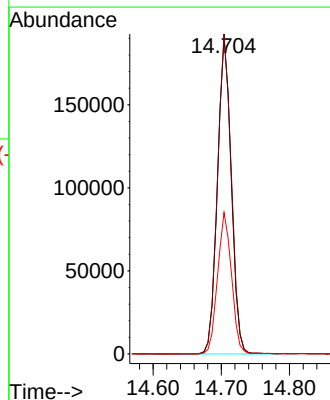
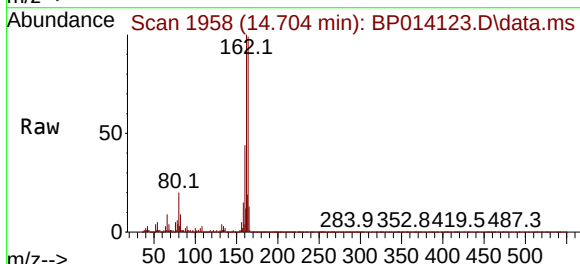
Instrument :
BNA_P
ClientSampleId :
MC-1

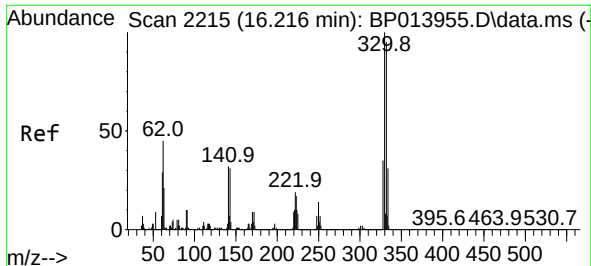
Tgt Ion: 82 Resp: 638863
Ion Ratio Lower Upper
82 100
128 38.2 31.1 46.7
54 47.8 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP014123.D
Acq: 17 Mar 2023 16:25

Tgt Ion: 164 Resp: 269043
Ion Ratio Lower Upper
164 100
162 101.1 82.1 123.1
160 44.7 36.2 54.2

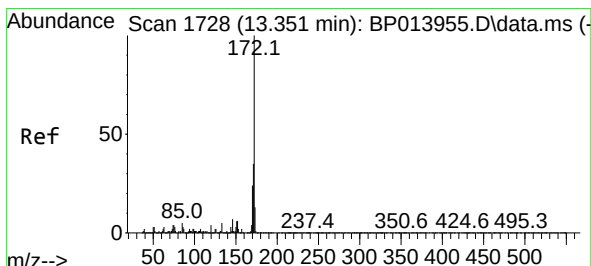
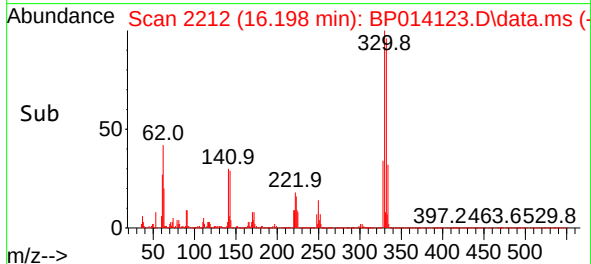
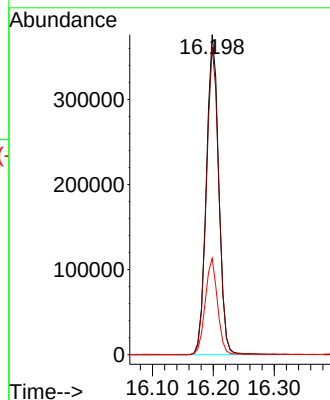
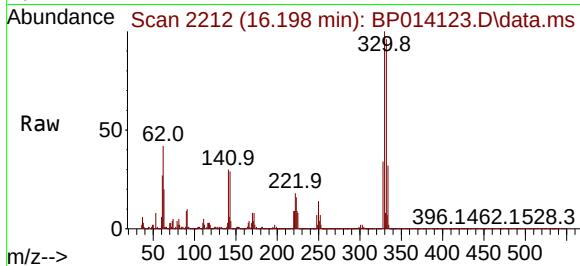




#42
2,4,6-Tribromophenol
Concen: 122.226 ng
RT: 16.198 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014123.D
Acq: 17 Mar 2023 16:25

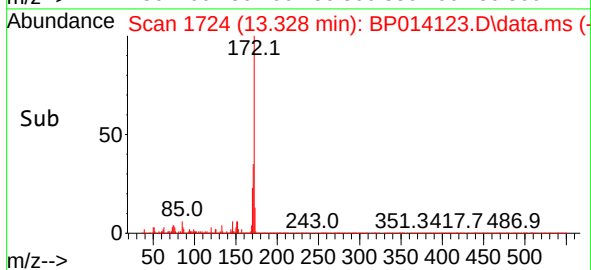
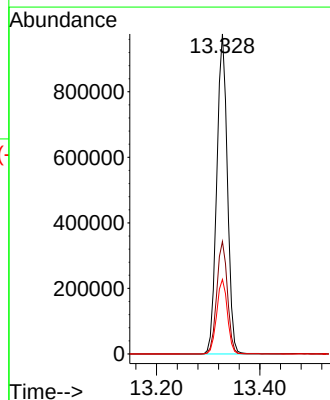
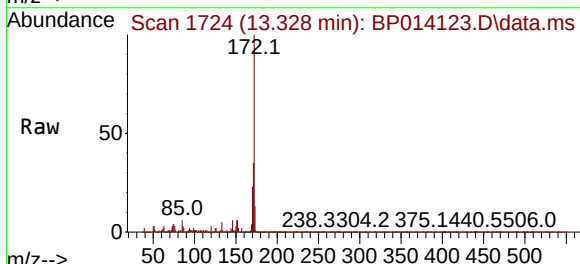
Instrument :
BNA_P
ClientSampleId :
MC-1

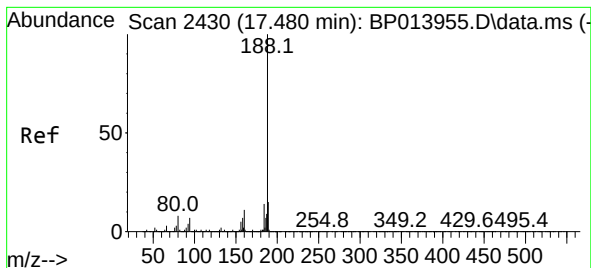
Tgt Ion:330 Resp: 533165
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 29.6 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 66.948 ng
RT: 13.328 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BP014123.D
Acq: 17 Mar 2023 16:25

Tgt Ion:172 Resp: 1390261
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.463 min Scan# 2427

Delta R.T. -0.006 min

Lab File: BP014123.D

Acq: 17 Mar 2023 16:25

Instrument :

BNA_P

ClientSampleId :

MC-1

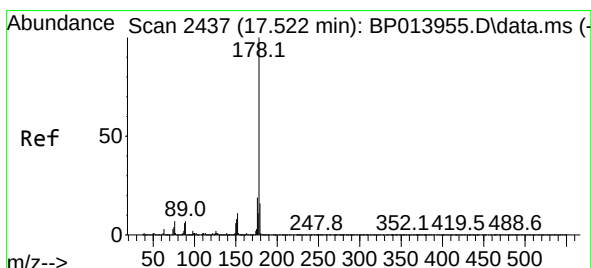
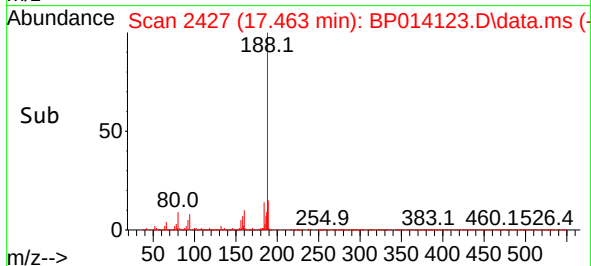
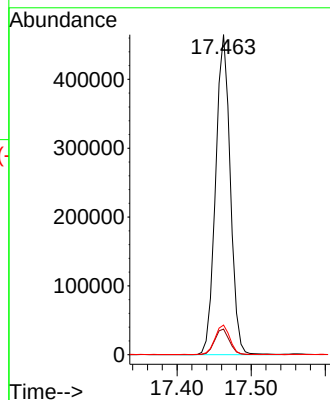
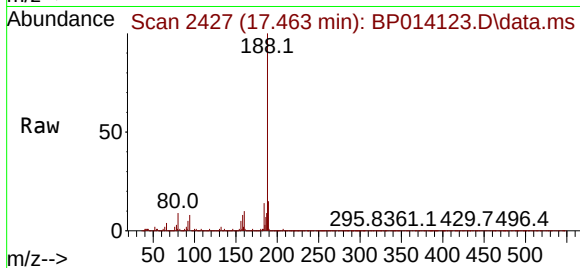
Tgt Ion:188 Resp: 638372

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

80 9.2 6.6 9.8



#71

Phenanthrene

Concen: 2.231 ng

RT: 17.504 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BP014123.D

Acq: 17 Mar 2023 16:25

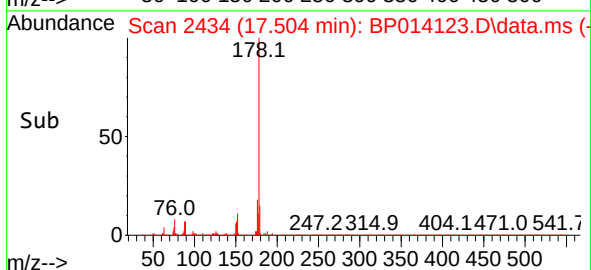
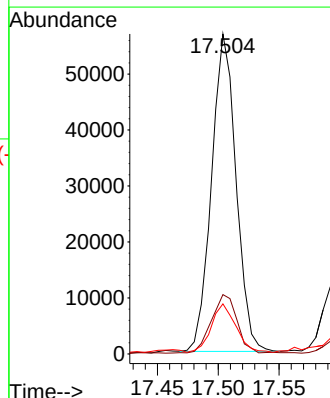
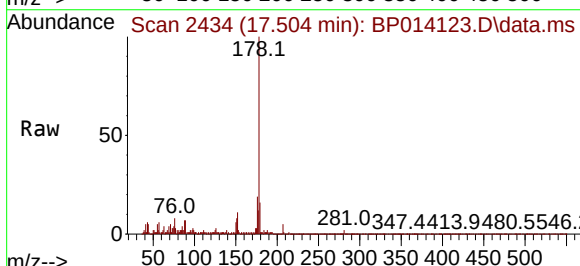
Tgt Ion:178 Resp: 79575

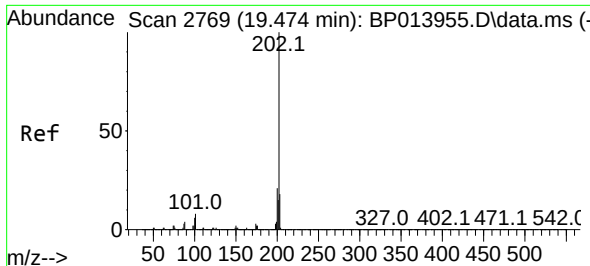
Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 15.7 12.6 19.0

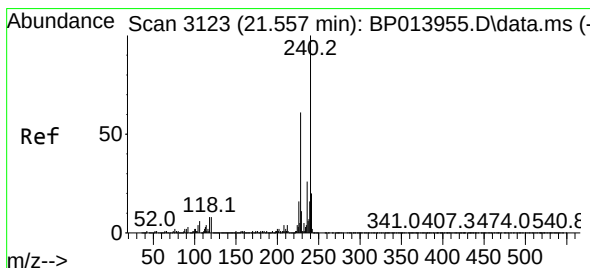
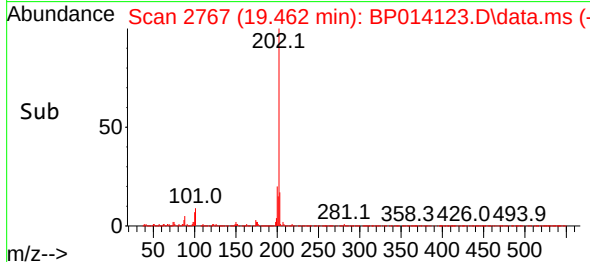
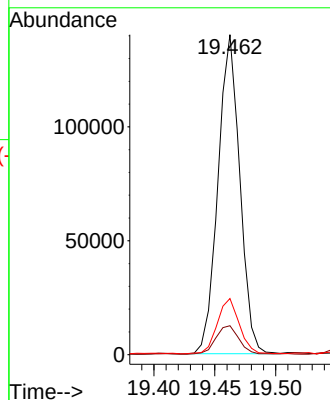
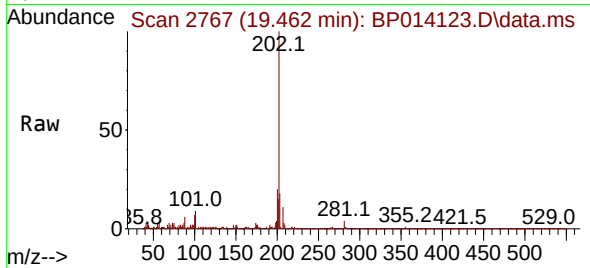




#75
Fluoranthene
Concen: 4.100 ng
RT: 19.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP014123.D
Acq: 17 Mar 2023 16:25

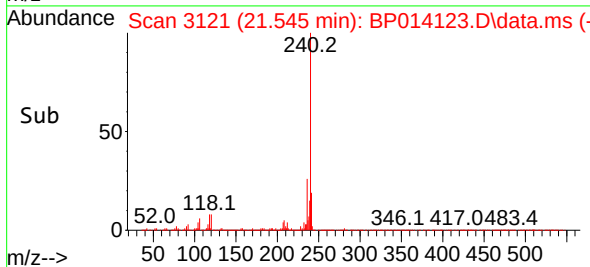
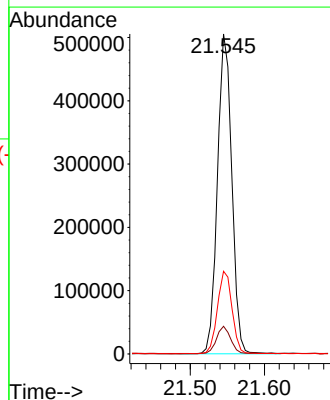
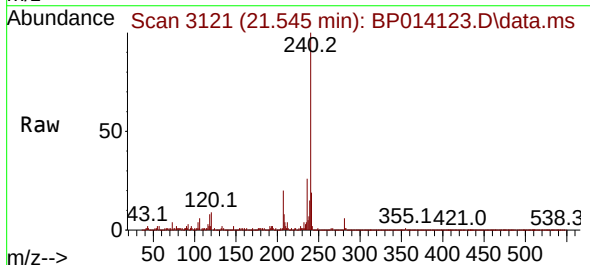
Instrument :
BNA_P
ClientSampleId :
MC-1

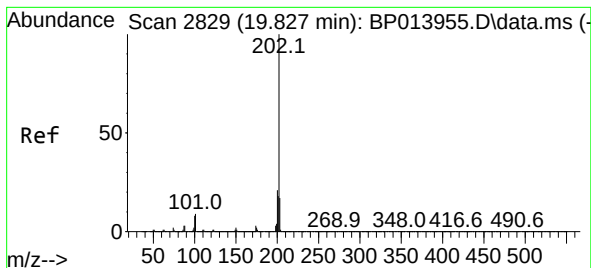
Tgt Ion:202 Resp: 174768
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.9
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP014123.D
Acq: 17 Mar 2023 16:25

Tgt Ion:240 Resp: 678440
Ion Ratio Lower Upper
240 100
120 8.6 6.4 9.6
236 25.8 21.2 31.8





#78

Pyrene

Concen: 2.630 ng

RT: 19.815 min Scan# 2827

Delta R.T. -0.006 min

Lab File: BP014123.D

Acq: 17 Mar 2023 16:25

Instrument :

BNA_P

ClientSampleId :

MC-1

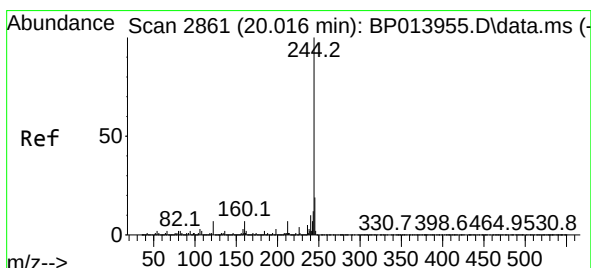
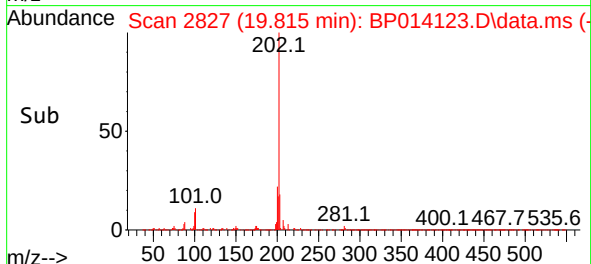
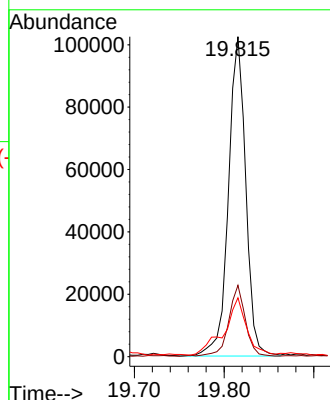
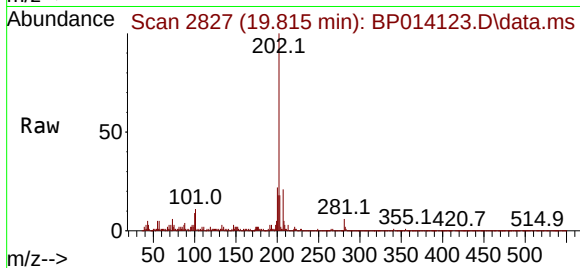
Tgt Ion:202 Resp: 136942

Ion Ratio Lower Upper

202 100

200 22.3 16.9 25.3

203 18.4 13.9 20.9



#79

Terphenyl-d14

Concen: 63.141 ng

RT: 20.004 min Scan# 2859

Delta R.T. -0.000 min

Lab File: BP014123.D

Acq: 17 Mar 2023 16:25

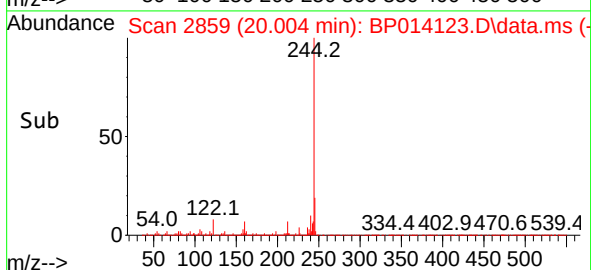
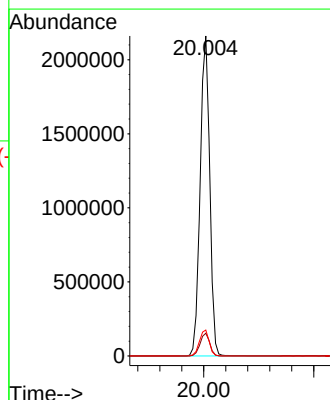
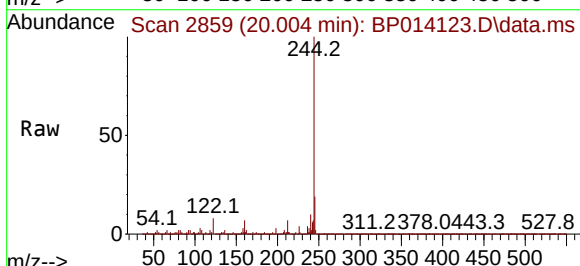
Tgt Ion:244 Resp: 2597857

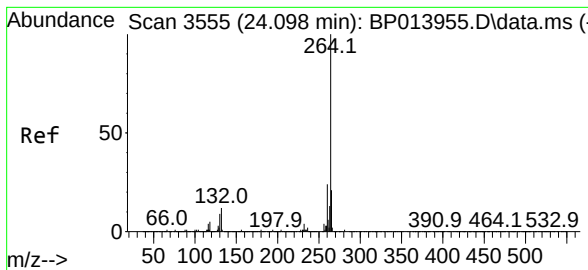
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 8.1 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.086 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP014123.D
 Acq: 17 Mar 2023 16:25

Instrument :
 BNA_P
 ClientSampleId :
 MC-1

Tgt Ion:264 Resp: 801623

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.9	17.8	26.8

