

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
 Data File : BP019610.D
 Acq On : 08 Feb 2024 15:13
 Operator : MA/JU
 Sample : P1364-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

Quant Time: Feb 08 15:47:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

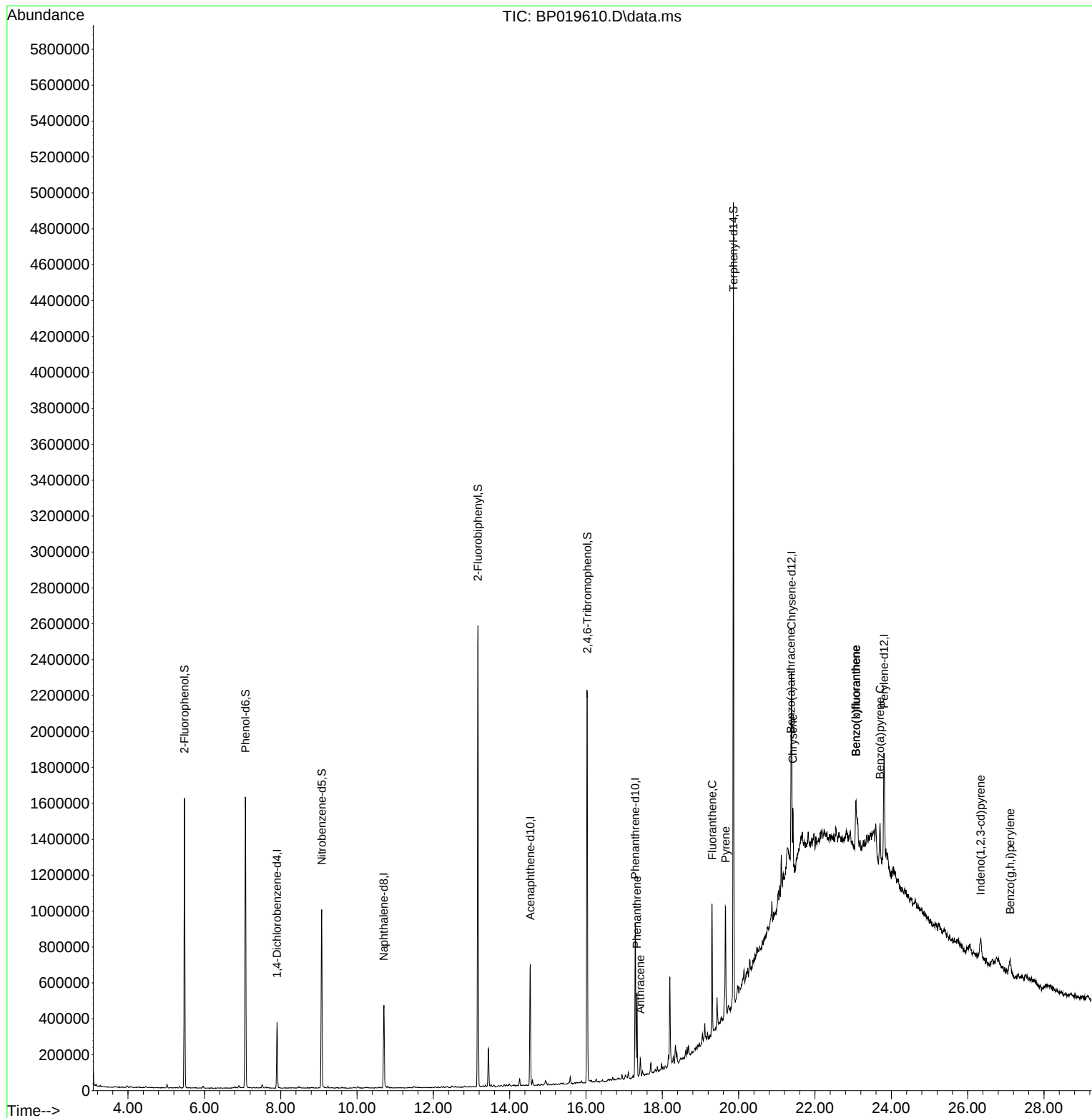
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	95716	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	376005	20.000	ng	-0.01
39) Acenaphthene-d10	14.540	164	237513	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	527991	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	482697	20.000	ng	0.00
86) Perylene-d12	23.810	264	528236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	656254	110.518	ng	0.00
7) Phenol-d6	7.075	99	907470	113.340	ng	-0.01
23) Nitrobenzene-d5	9.075	82	601833	69.356	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	455398	131.320	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1356443	70.601	ng	-0.01
79) Terphenyl-d14	19.863	244	2112116	71.960	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.333	178	274209	9.868	ng	99
72) Anthracene	17.422	178	62093	2.240	ng	100
75) Fluoranthene	19.304	202	448720	13.219	ng	99
78) Pyrene	19.657	202	396551	11.640	ng	99
81) Benzo(a)anthracene	21.369	228	227144	6.685	ng	96
83) Chrysene	21.422	228	210818	6.535	ng	95
87) Indeno(1,2,3-cd)pyrene	26.339	276	129564	3.204	ng	97
88) Benzo(b)fluoranthene	23.074	252	264075	7.932	ng	# 92
89) Benzo(k)fluoranthene	23.074	252	264075	8.304	ng	# 91
90) Benzo(a)pyrene	23.704	252	178843	6.037	ng	# 90
92) Benzo(g,h,i)perylene	27.115	276	122082	3.619	ng	# 93

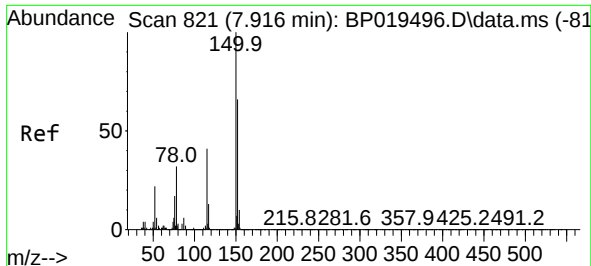
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020824\
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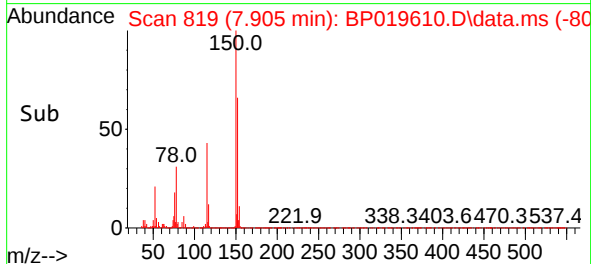
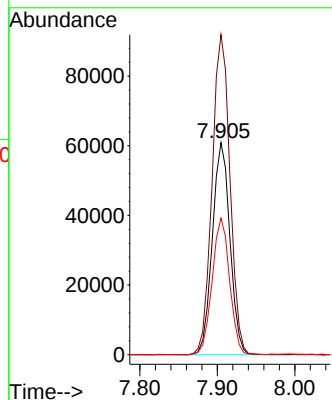
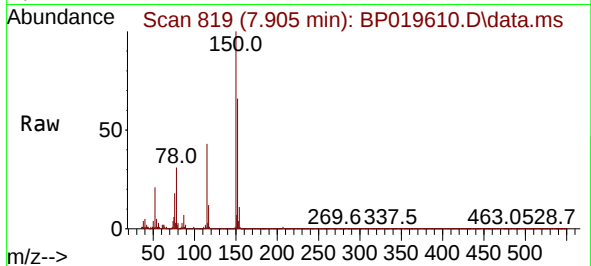




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

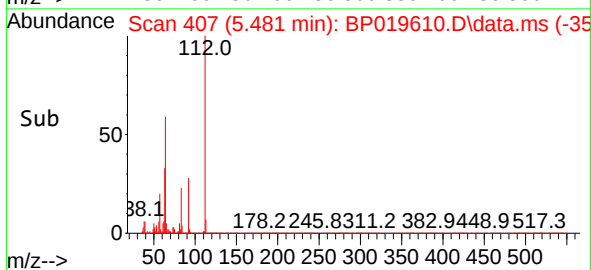
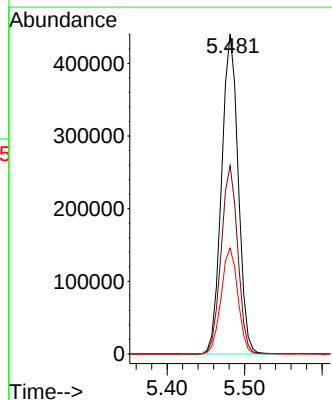
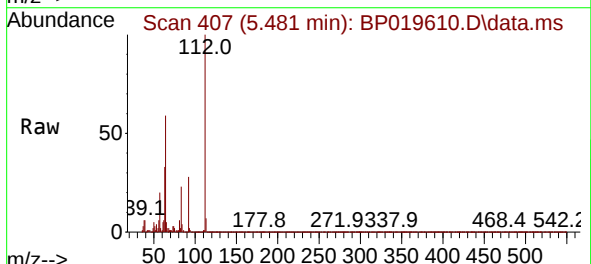
Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 95716
Ion Ratio Lower Upper
152 100
150 151.0 121.8 182.8
115 64.4 49.9 74.9



#5
2-Fluorophenol
Concen: 110.518 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

Tgt Ion:112 Resp: 656254
Ion Ratio Lower Upper
112 100
64 58.9 47.4 71.0
63 33.1 27.0 40.6

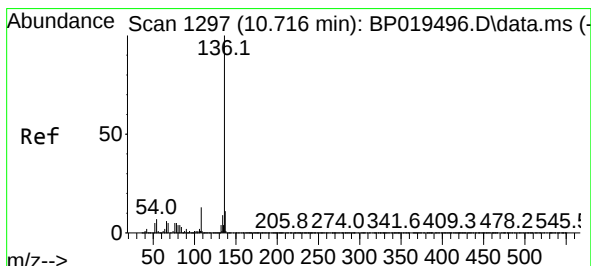
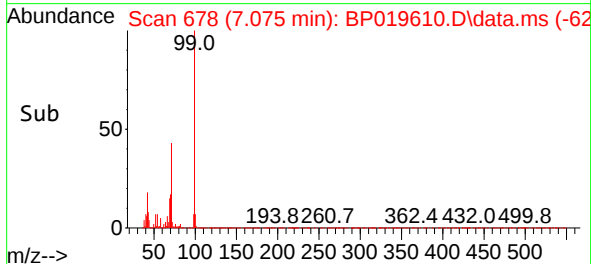
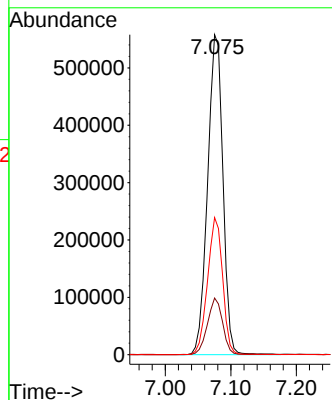
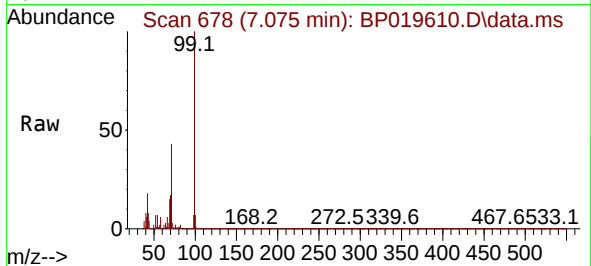




#7
Phenol-d6
Concen: 113.340 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

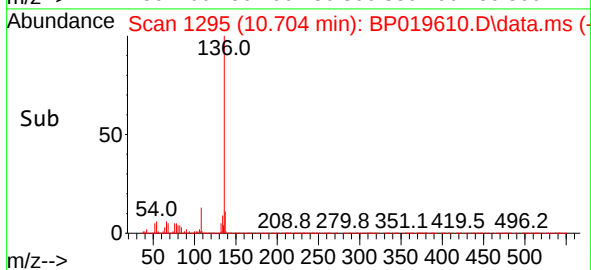
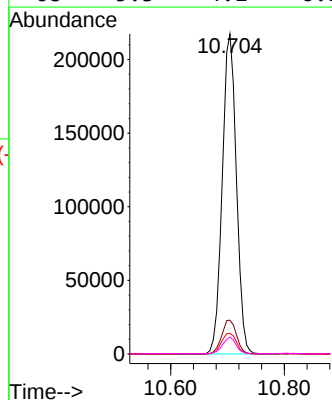
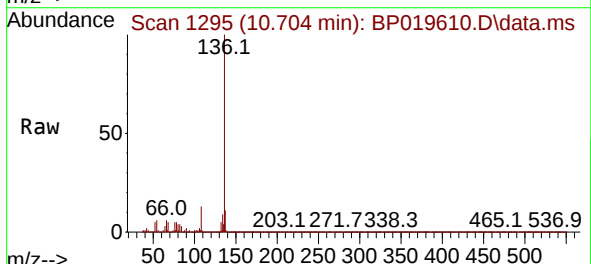
Instrument :
BNA_P
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 907470
Ion Ratio Lower Upper
99 100
42 17.7 14.7 22.1
71 42.8 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

Tgt Ion: 136 Resp: 376005
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.4 5.3 7.9
68 5.3 4.1 6.1

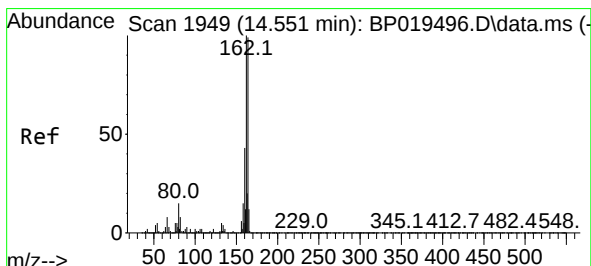
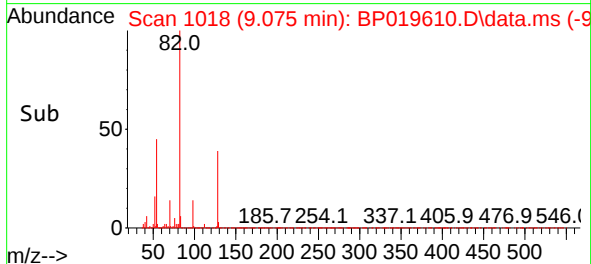
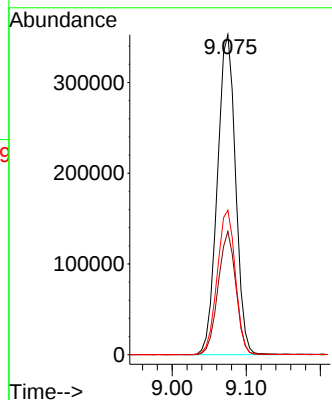
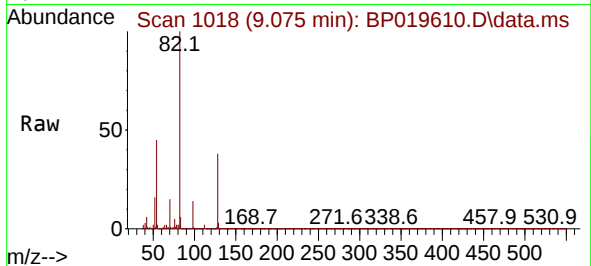




#23
Nitrobenzene-d5
Concen: 69.356 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

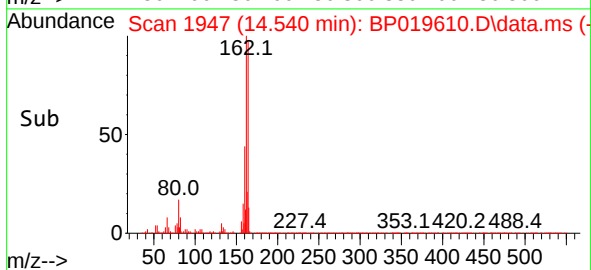
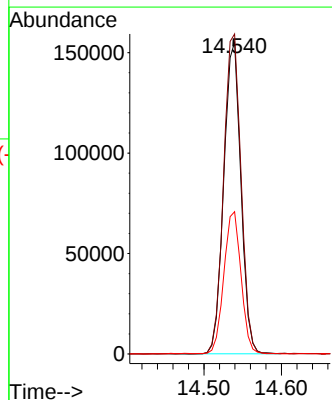
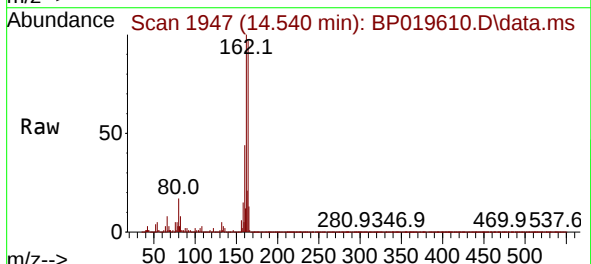
Instrument :
BNA_P
ClientSampleId :
COMP-1

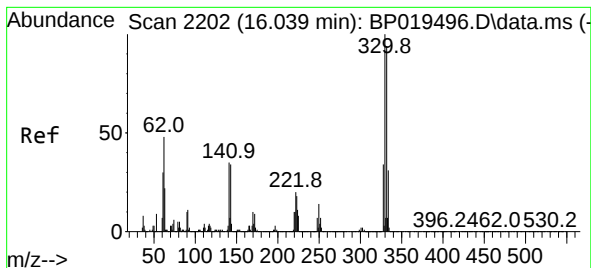
Tgt Ion: 82 Resp: 601833
Ion Ratio Lower Upper
82 100
128 38.5 29.7 44.5
54 45.2 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.540 min Scan# 1947
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

Tgt Ion: 164 Resp: 237513
Ion Ratio Lower Upper
164 100
162 102.6 81.2 121.8
160 45.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 131.320 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

COMP-1

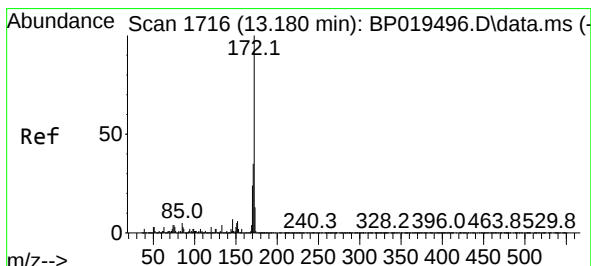
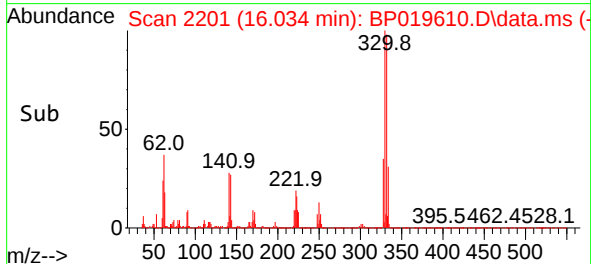
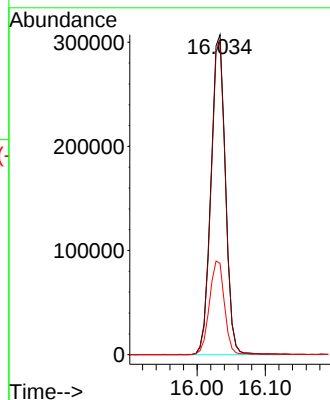
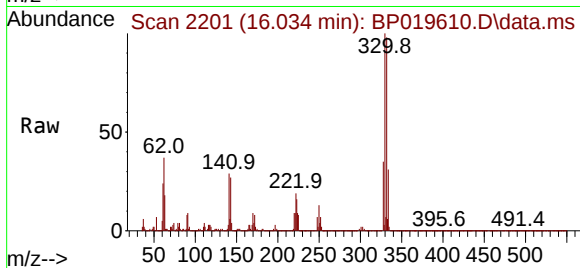
Tgt Ion:330 Resp: 455398

Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 30.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 70.601 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

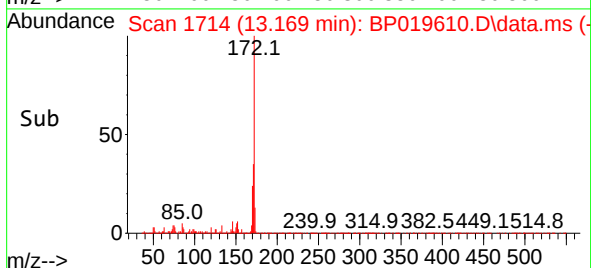
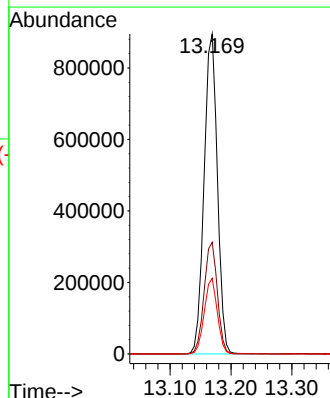
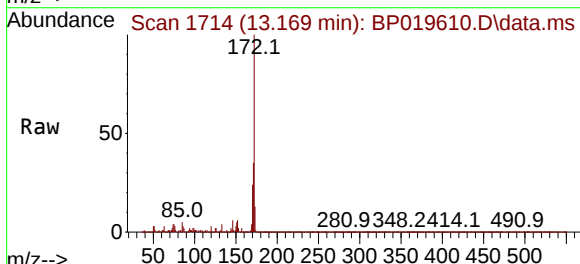
Tgt Ion:172 Resp: 1356443

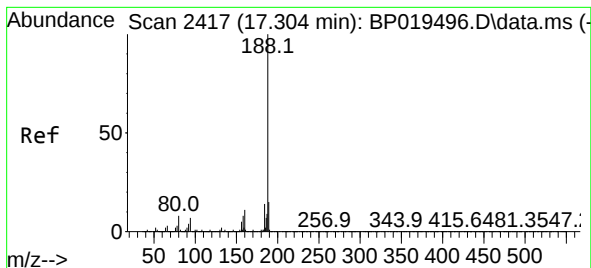
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

COMP-1

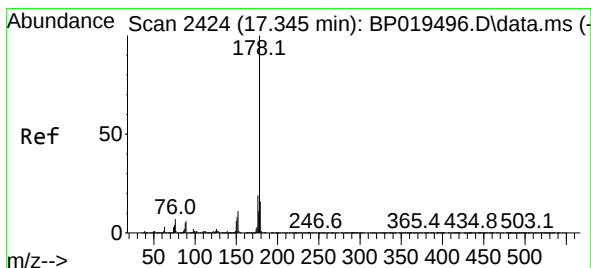
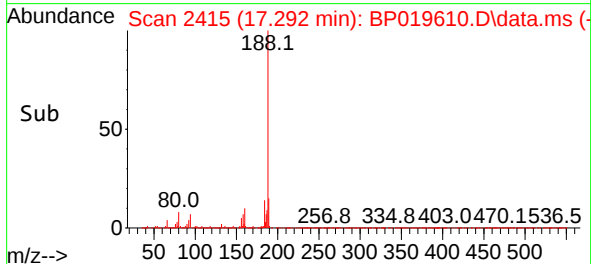
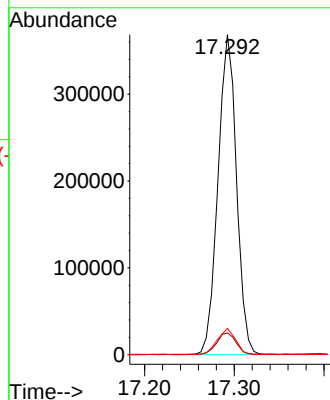
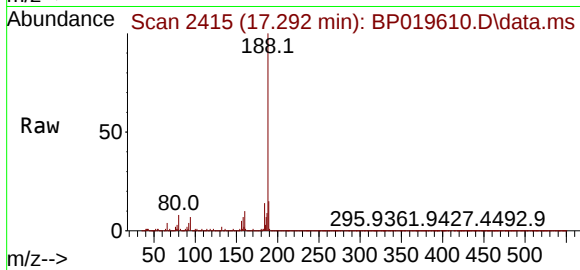
Tgt Ion:188 Resp: 527991

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 8.2 6.3 9.5



#71

Phenanthrene

Concen: 9.868 ng

RT: 17.333 min Scan# 2422

Delta R.T. -0.011 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

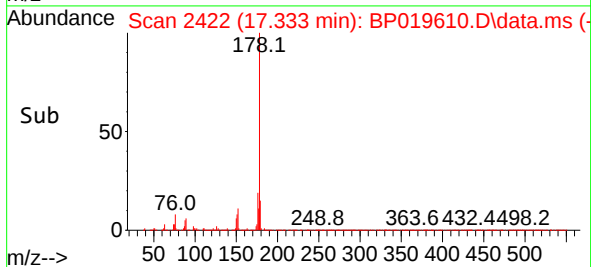
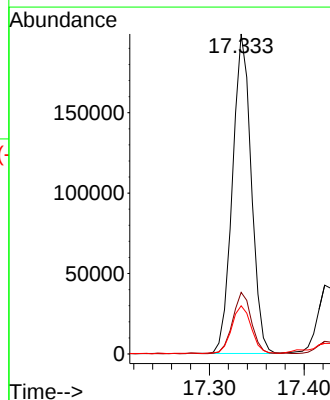
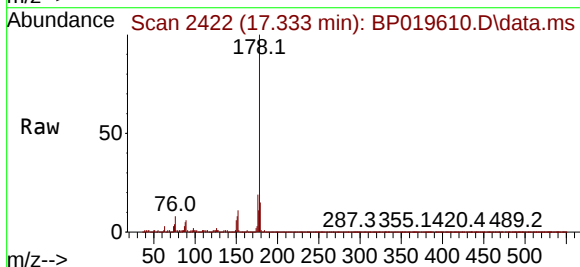
Tgt Ion:178 Resp: 274209

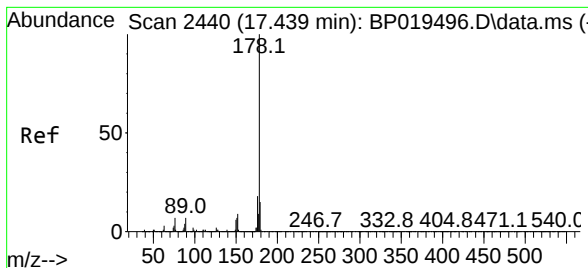
Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.1 12.6 19.0





#72

Anthracene

Concen: 2.240 ng

RT: 17.422 min Scan# 2440

Delta R.T. -0.017 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

COMP-1

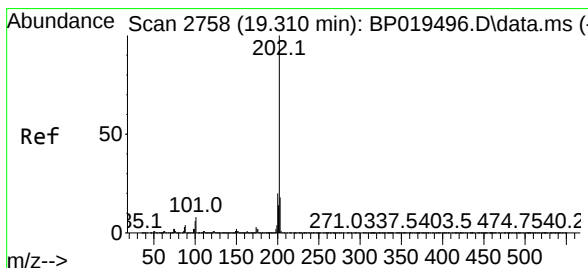
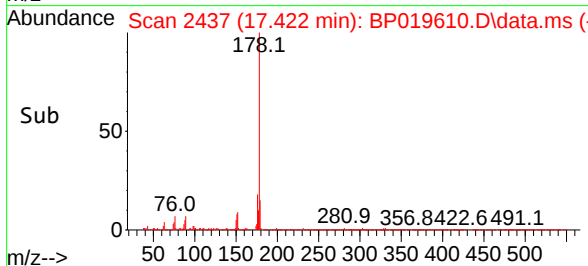
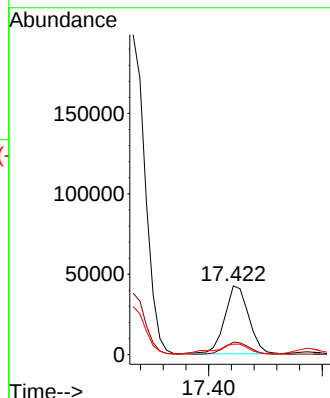
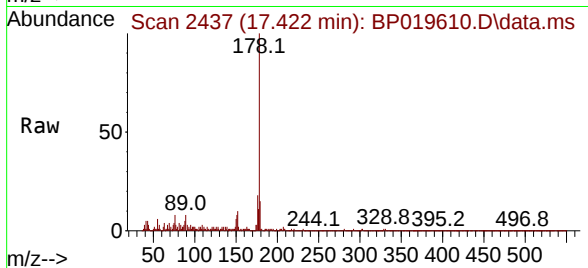
Tgt Ion:178 Resp: 62093

Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.3 12.2 18.2



#75

Fluoranthene

Concen: 13.219 ng

RT: 19.304 min Scan# 2757

Delta R.T. -0.006 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

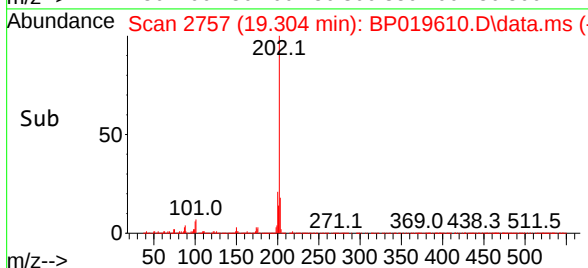
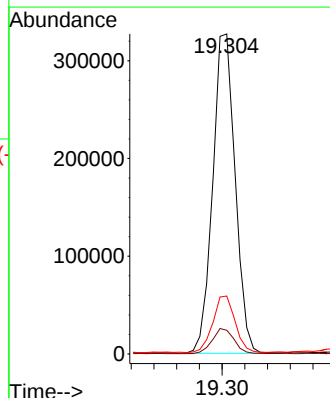
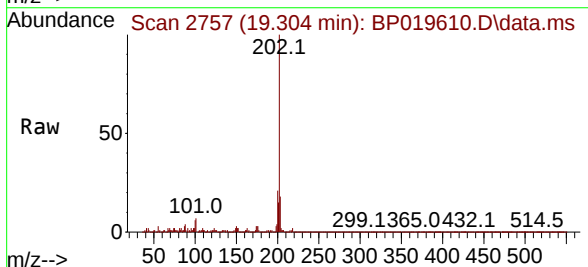
Tgt Ion:202 Resp: 448720

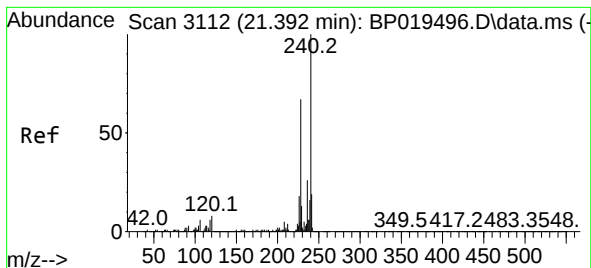
Ion Ratio Lower Upper

202 100

101 7.4 0.0 27.7

203 18.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

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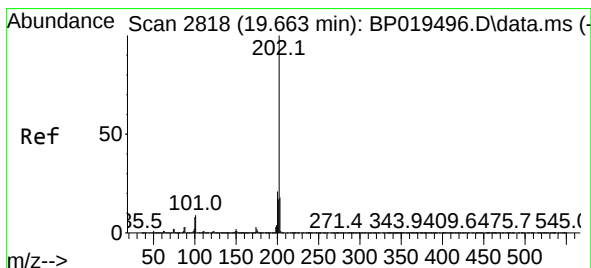
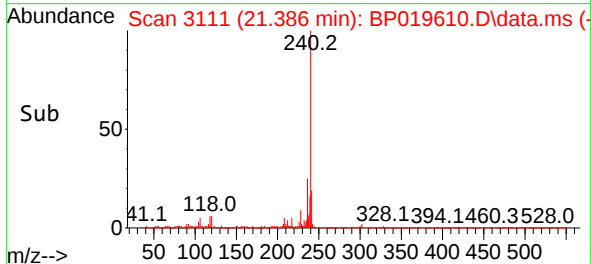
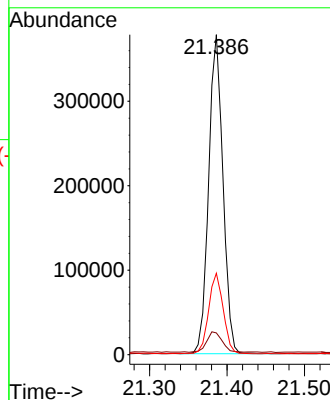
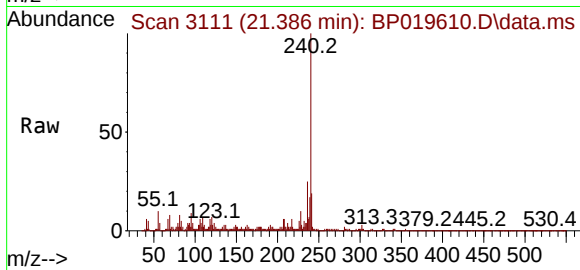
Tgt Ion:240 Resp: 482697

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

236 25.5 20.7 31.1



#78

Pyrene

Concen: 11.640 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

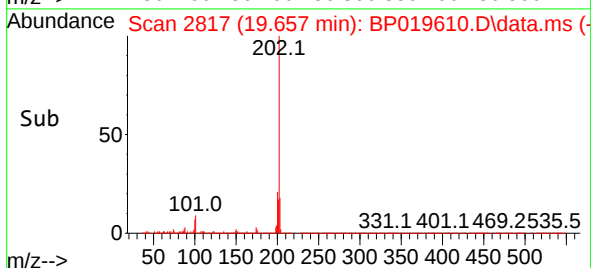
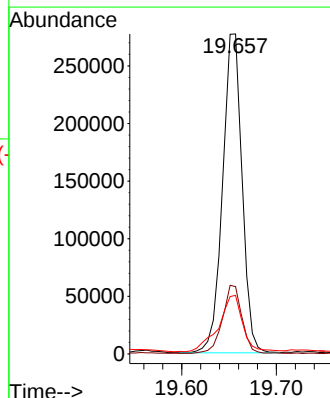
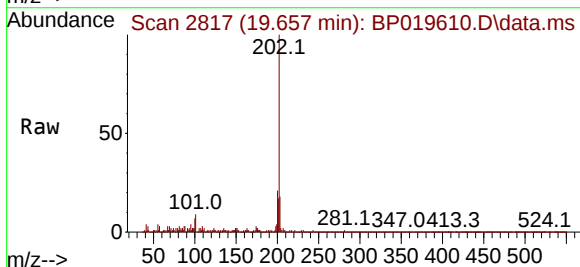
Tgt Ion:202 Resp: 396551

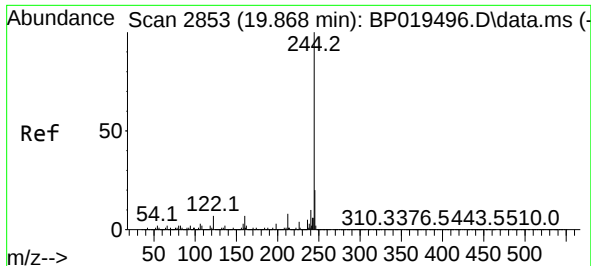
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 18.3 14.2 21.2

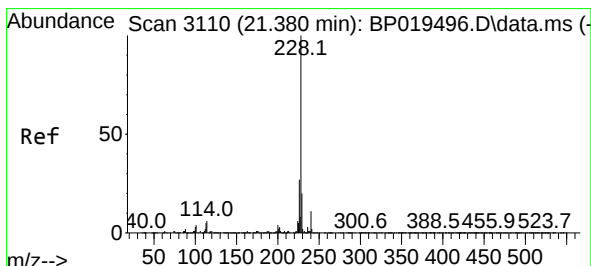
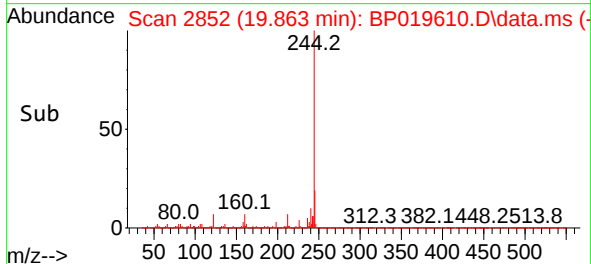
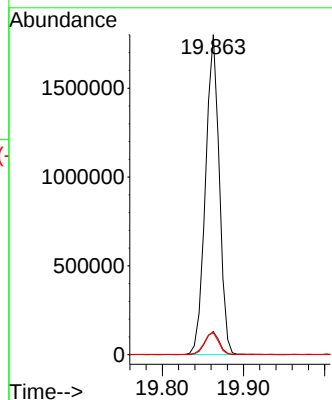
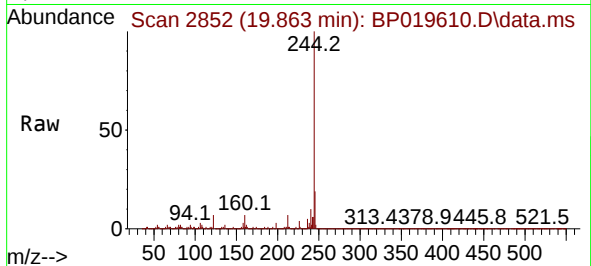




#79
Terphenyl-d14
Concen: 71.960 ng
RT: 19.863 min Scan# 2112116
Delta R.T. -0.006 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

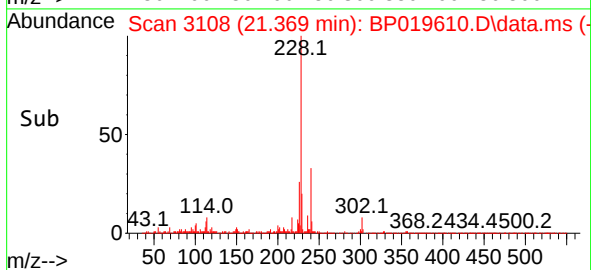
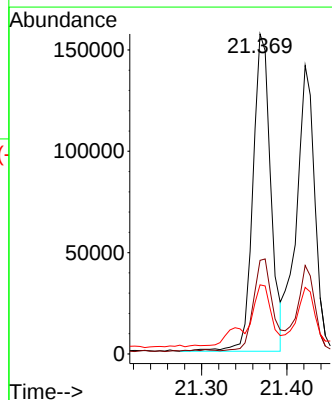
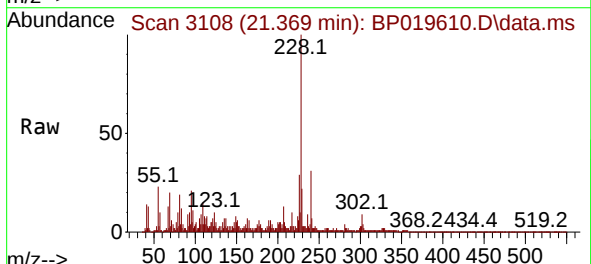
Instrument :
BNA_P
ClientSampleId :
COMP-1

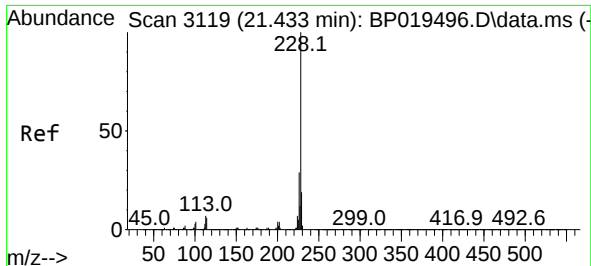
Tgt Ion:244 Resp: 2112116
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 6.8 5.9 8.9



#81
Benzo(a)anthracene
Concen: 6.685 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

Tgt Ion:228 Resp: 227144
Ion Ratio Lower Upper
228 100
226 29.2 21.7 32.5
229 21.6 15.6 23.4

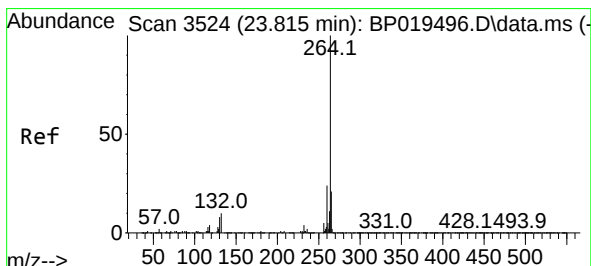
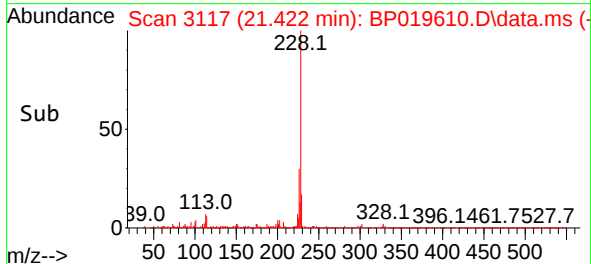
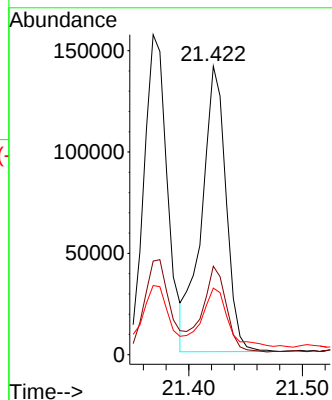
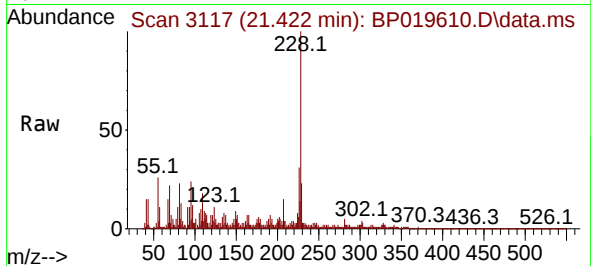




#83
Chrysene
Concen: 6.535 ng
RT: 21.422 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

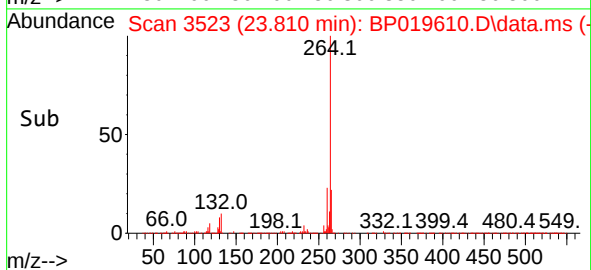
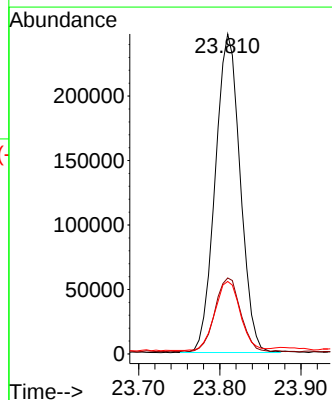
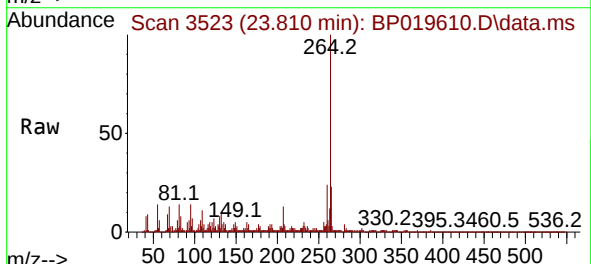
Instrument :
BNA_P
ClientSampleId :
COMP-1

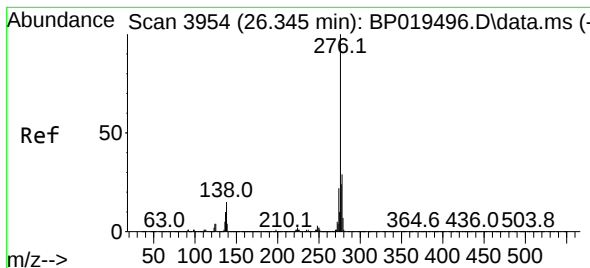
Tgt Ion:228 Resp: 210818
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.2
229 23.0 15.6 23.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.810 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

Tgt Ion:264 Resp: 528236
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.7 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.204 ng

RT: 26.339 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

COMP-1

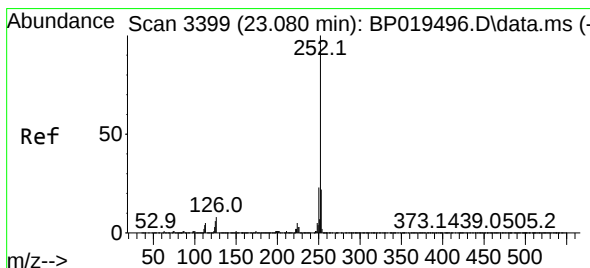
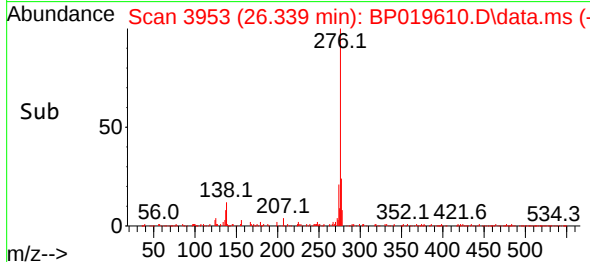
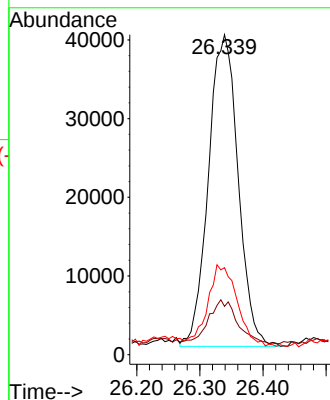
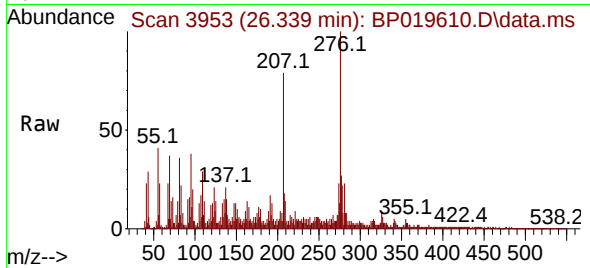
Tgt Ion:276 Resp: 129564

Ion Ratio Lower Upper

276 100

138 13.9 13.1 19.7

277 26.0 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 7.932 ng

RT: 23.074 min Scan# 3398

Delta R.T. -0.006 min

Lab File: BP019610.D

Acq: 08 Feb 2024 15:13

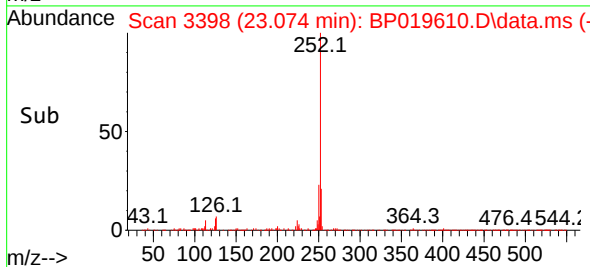
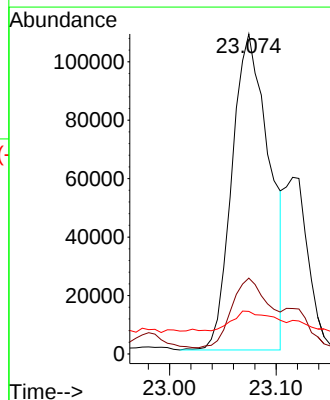
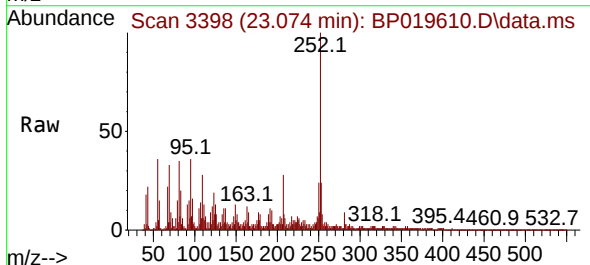
Tgt Ion:252 Resp: 264075

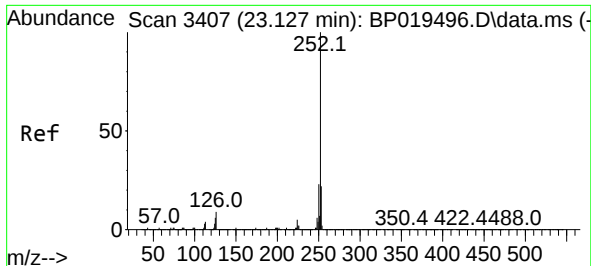
Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

125 13.3 4.9 7.3#

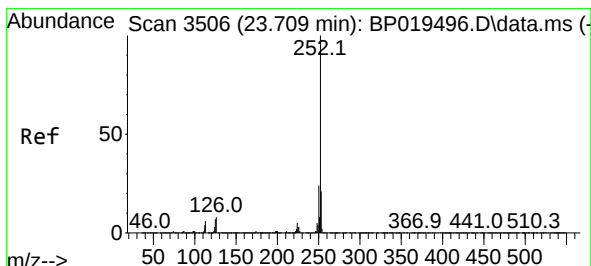
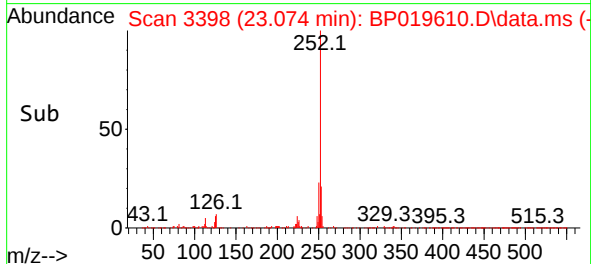
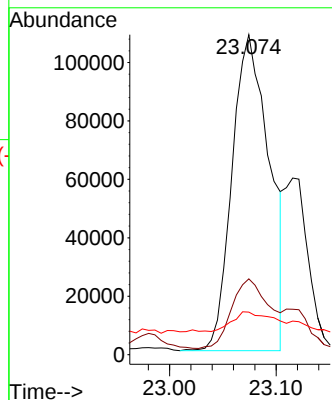
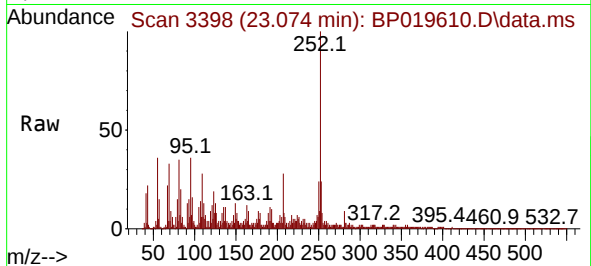




#89
Benzo(k)fluoranthene
Concen: 8.304 ng
RT: 23.074 min Scan# 31
Delta R.T. -0.053 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

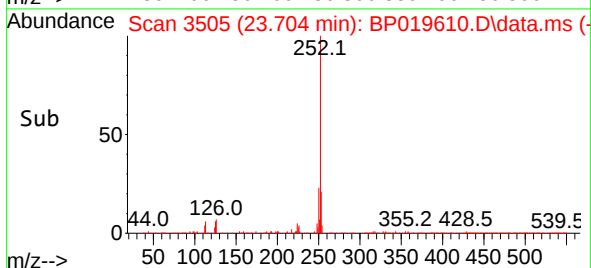
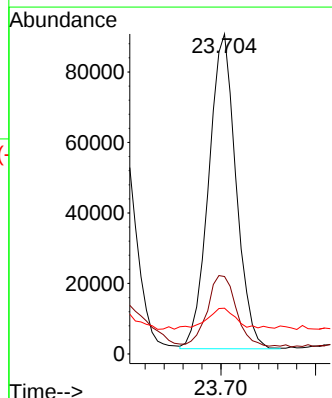
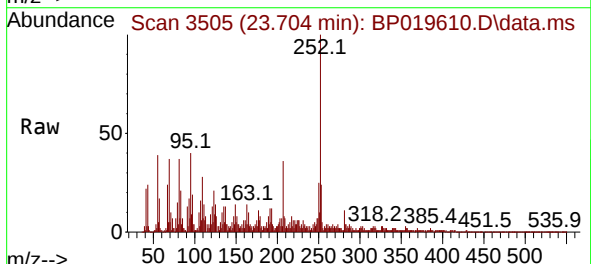
Instrument :
BNA_P
ClientSampleId :
COMP-1

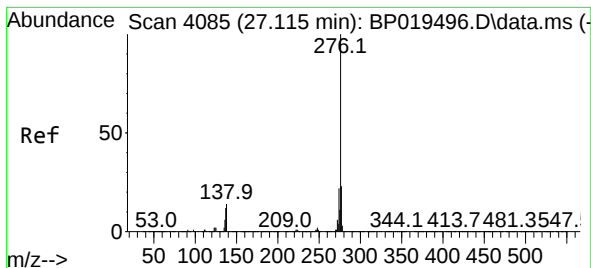
Tgt Ion:252 Resp: 264075
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 13.3 5.0 7.6#



#90
Benzo(a)pyrene
Concen: 6.037 ng
RT: 23.704 min Scan# 3505
Delta R.T. -0.006 min
Lab File: BP019610.D
Acq: 08 Feb 2024 15:13

Tgt Ion:252 Resp: 178843
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 14.3 5.6 8.4#





#92

Benzo(g,h,i)perylene

Concen: 3.619 ng

RT: 27.115 min Scan# 4085

Delta R.T. 0.000 min

Lab File: BP019610.D

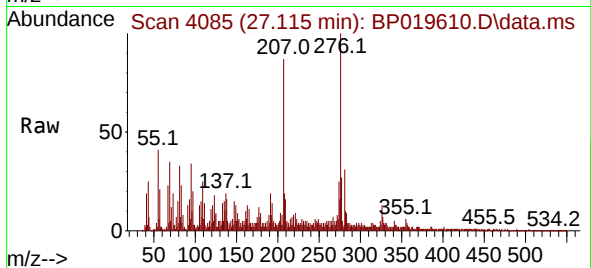
Acq: 08 Feb 2024 15:13

Instrument :

BNA_P

ClientSampleId :

COMP-1



Tgt Ion:276 Resp: 122082

Ion Ratio Lower Upper

276 100

277 26.5 18.6 28.0

138 16.5 10.9 16.3#

