

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020724\
 Data File : BP019597.D
 Acq On : 07 Feb 2024 16:59
 Operator : MA/JU
 Sample : P1364-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-2

Quant Time: Feb 07 17:32:34 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)

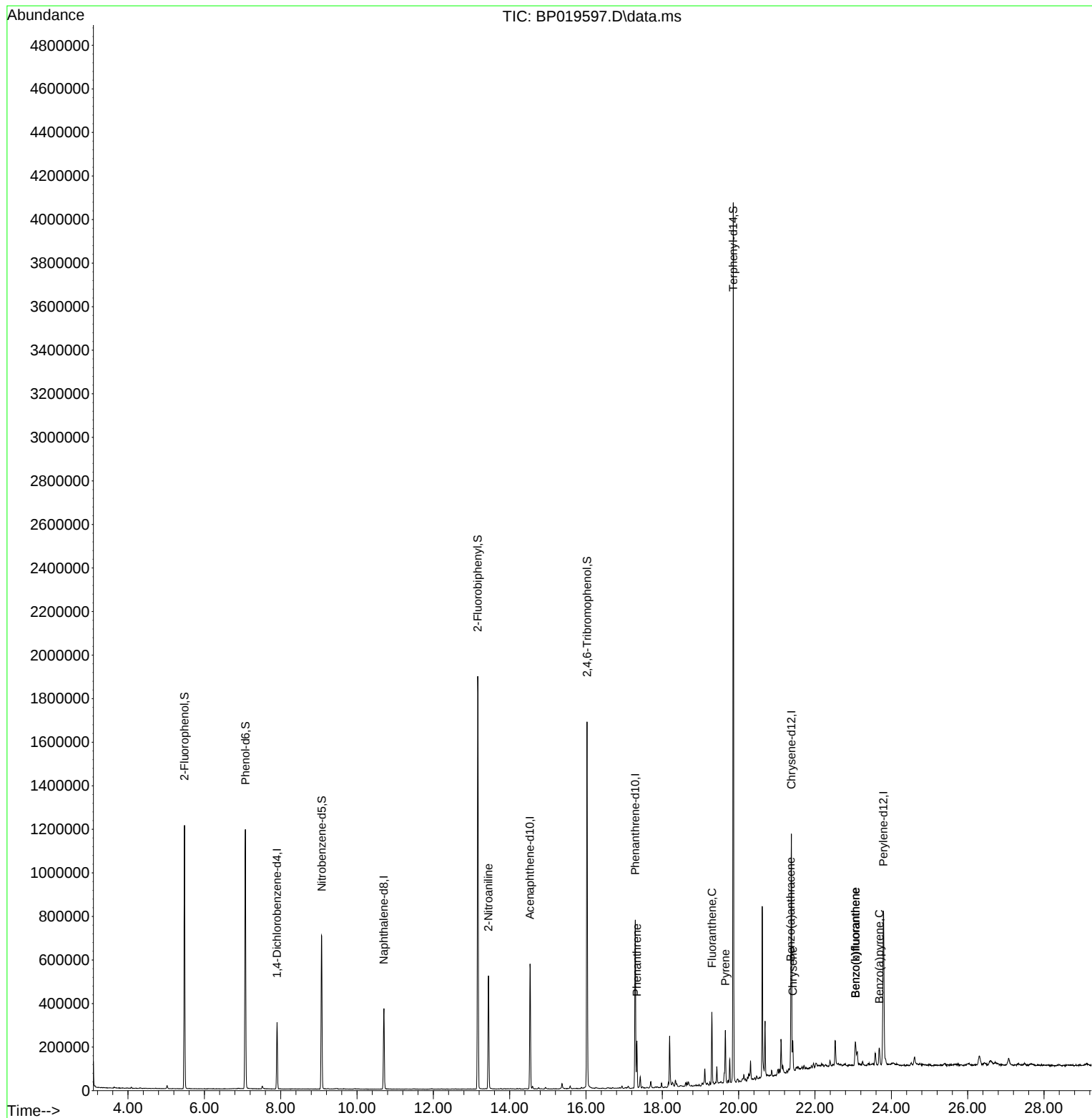
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	80166	20.000	ng	-0.01
21) Naphthalene-d8	10.705	136	297918	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	199801	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	482367	20.000	ng	-0.01
76) Chrysene-d12	21.380	240	508270	20.000	ng	-0.01
86) Perylene-d12	23.792	264	602403	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	490784	98.683	ng	0.00
7) Phenol-d6	7.075	99	639150	95.312	ng	-0.01
23) Nitrobenzene-d5	9.075	82	430402	62.601	ng	-0.01
42) 2,4,6-Tribromophenol	16.028	330	330596	113.325	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	991151	61.325	ng	-0.02
79) Terphenyl-d14	19.857	244	1943832	62.894	ng	-0.01
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.446	65	10631	2.904	ng	# 17
71) Phenanthrene	17.334	178	128841	5.075	ng	98
75) Fluoranthene	19.298	202	192170	6.197	ng	99
78) Pyrene	19.651	202	150121	4.185	ng	97
81) Benzo(a)anthracene	21.363	228	94086	2.630	ng	97
83) Chrysene	21.416	228	81928	2.412	ng	97
88) Benzo(b)fluoranthene	23.063	252	101900	2.684	ng	99
89) Benzo(k)fluoranthene	23.063	252	101900	2.810	ng	98
90) Benzo(a)pyrene	23.686	252	69691	2.063	ng	# 94

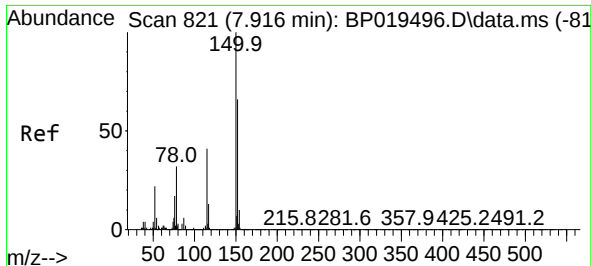
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

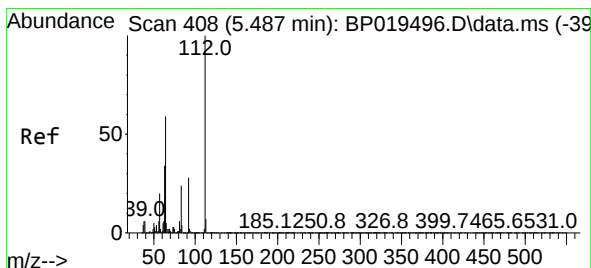
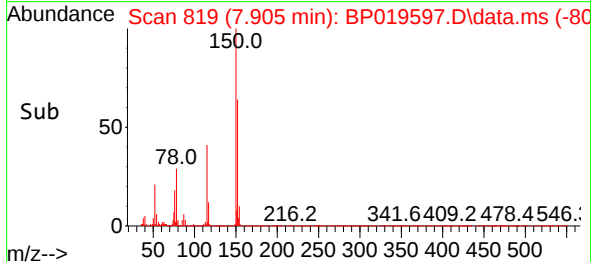
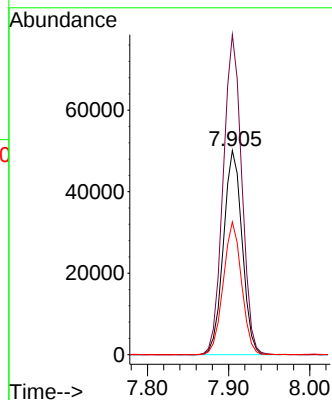
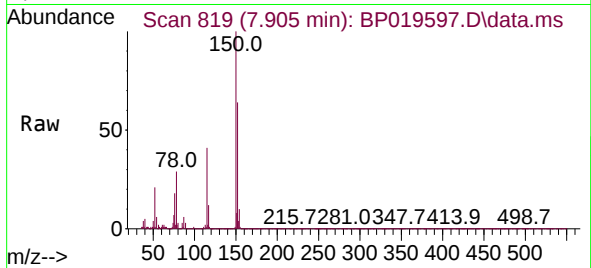




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019597.D
Acq: 07 Feb 2024 16:59

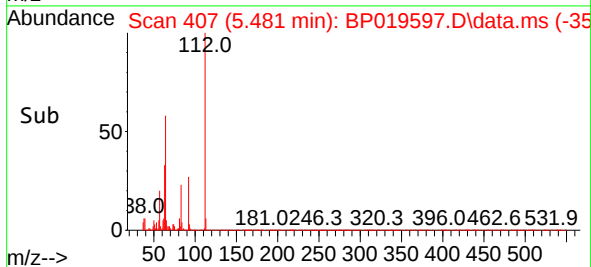
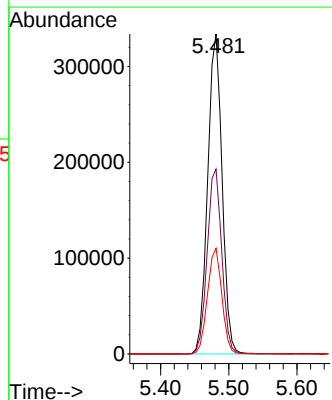
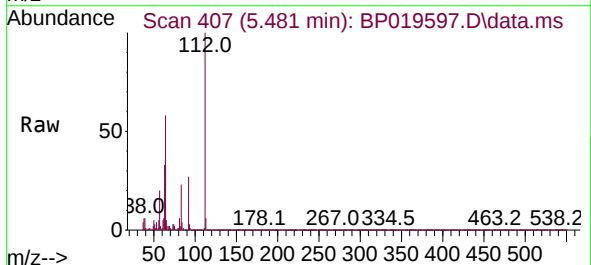
Instrument :
BNA_P
ClientSampleId :
COMP-2

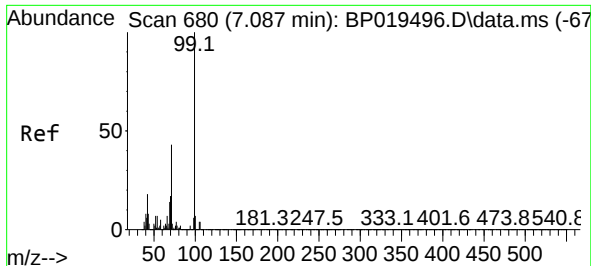
Tgt Ion:152 Resp: 80166
Ion Ratio Lower Upper
152 100
150 156.7 121.8 182.8
115 65.0 49.9 74.9



#5
2-Fluorophenol
Concen: 98.683 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019597.D
Acq: 07 Feb 2024 16:59

Tgt Ion:112 Resp: 490784
Ion Ratio Lower Upper
112 100
64 57.8 47.4 71.0
63 33.0 27.0 40.6

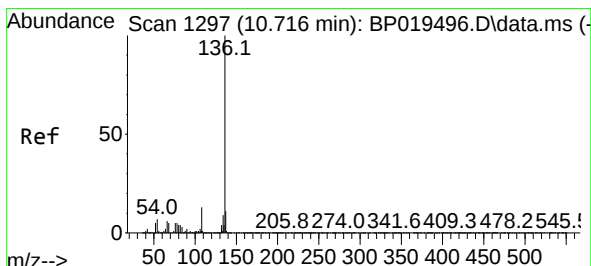
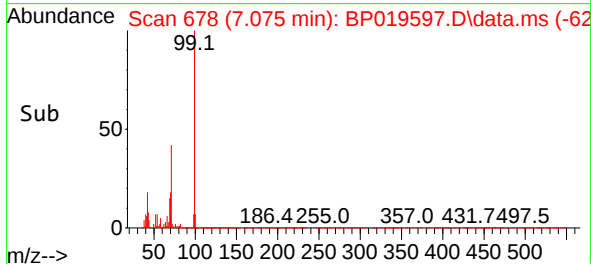
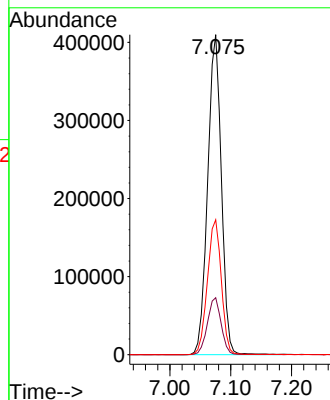
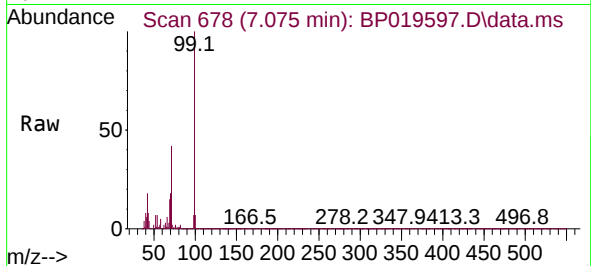




#7
Phenol-d6
Concen: 95.312 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019597.D
Acq: 07 Feb 2024 16:59

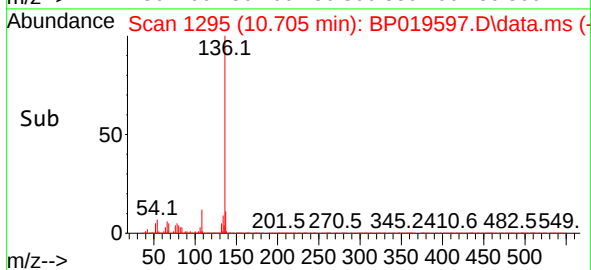
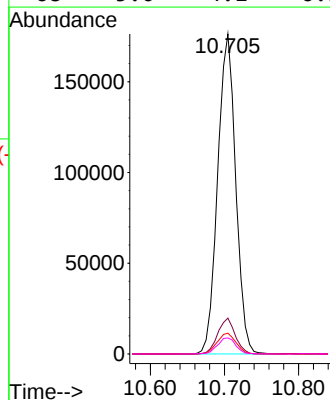
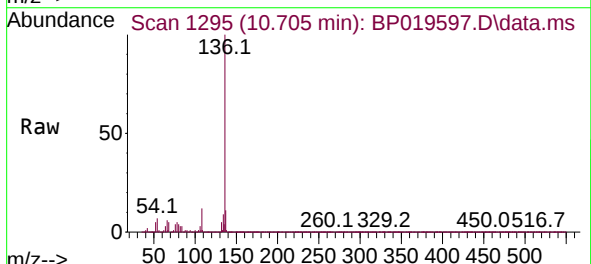
Instrument :
BNA_P
ClientSampleId :
COMP-2

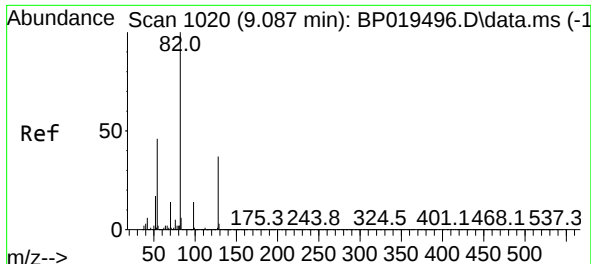
Tgt Ion: 99 Resp: 639150
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 42.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019597.D
Acq: 07 Feb 2024 16:59

Tgt Ion: 136 Resp: 297918
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.5 5.3 7.9
68 5.0 4.1 6.1

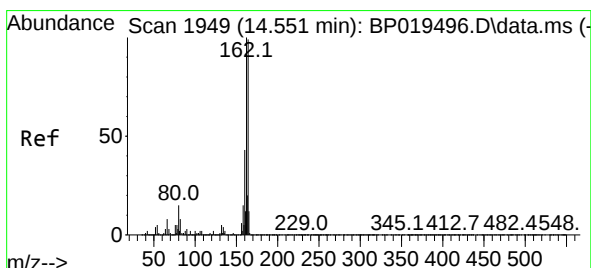
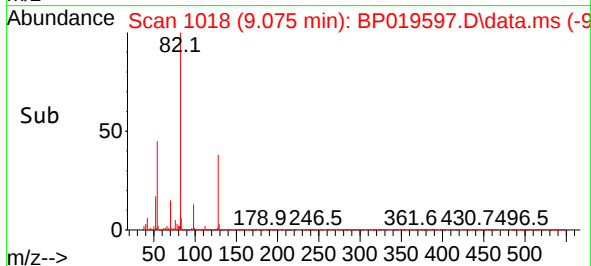
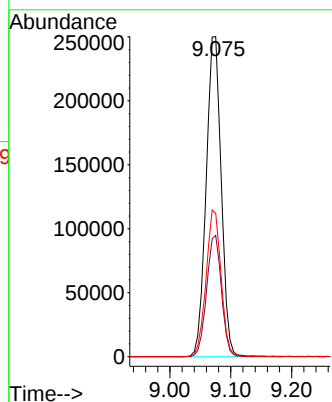
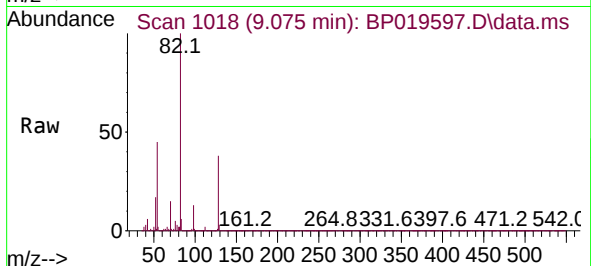




#23
Nitrobenzene-d5
Concen: 62.601 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BP019597.D
Acq: 07 Feb 2024 16:59

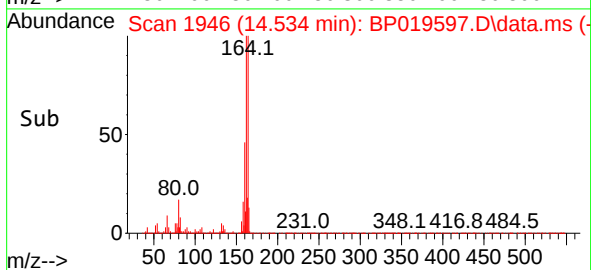
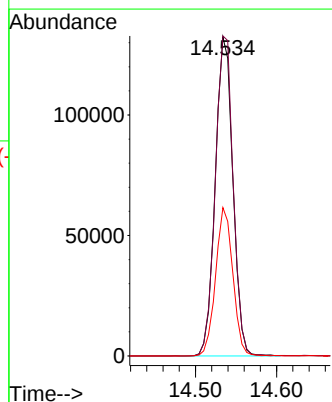
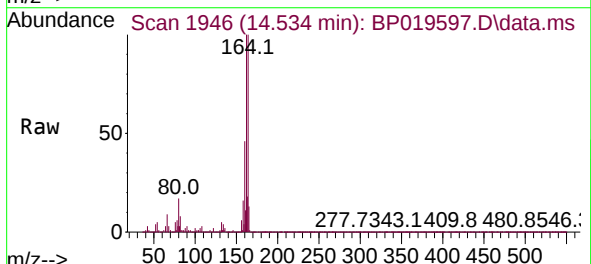
Instrument :
BNA_P
ClientSampleId :
COMP-2

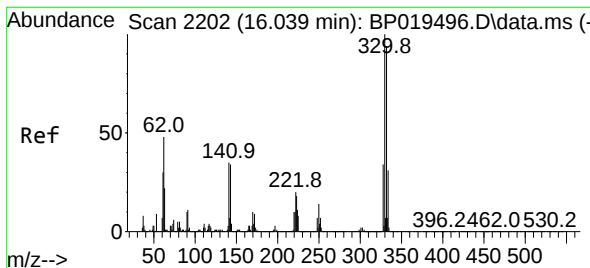
Tgt Ion: 82 Resp: 430402
Ion Ratio Lower Upper
82 100
128 37.9 29.7 44.5
54 44.8 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019597.D
Acq: 07 Feb 2024 16:59

Tgt Ion: 164 Resp: 199801
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 46.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 113.325 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

Instrument :

BNA_P

ClientSampleId :

COMP-2

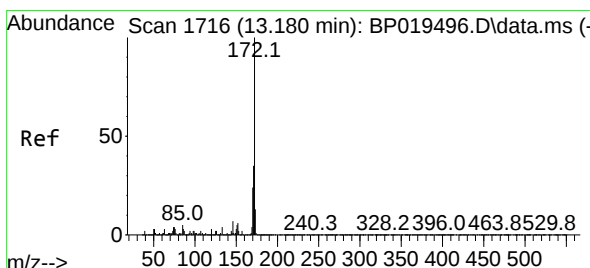
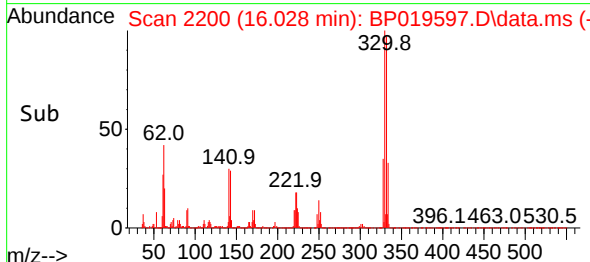
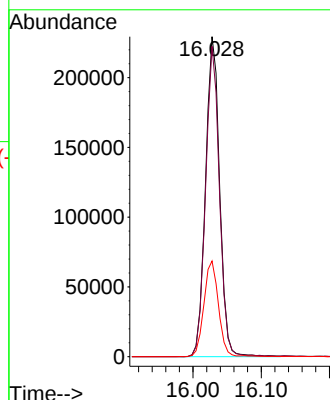
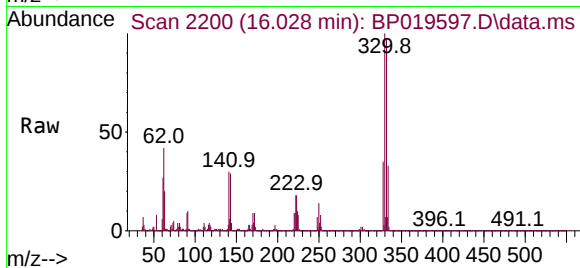
Tgt Ion:330 Resp: 330596

Ion Ratio Lower Upper

330 100

332 95.3 77.2 115.8

141 30.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 61.325 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

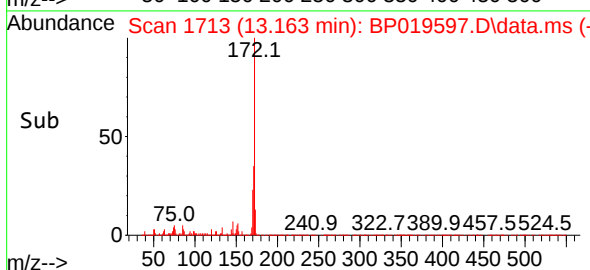
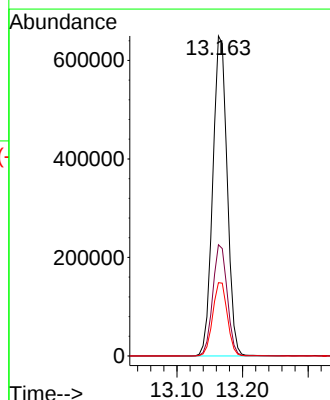
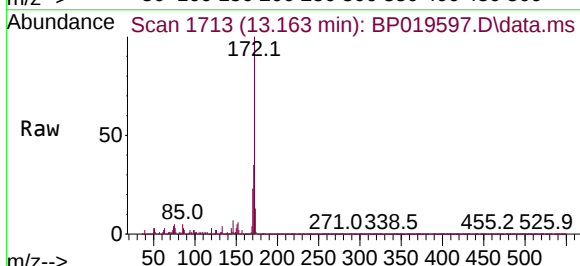
Tgt Ion:172 Resp: 991151

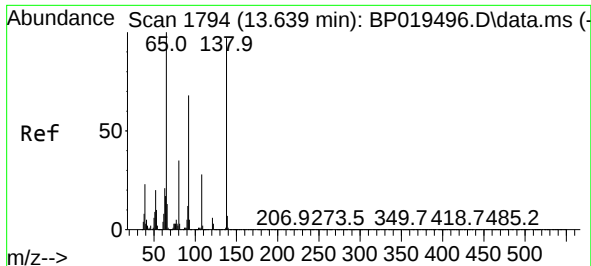
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 22.9 18.9 28.3

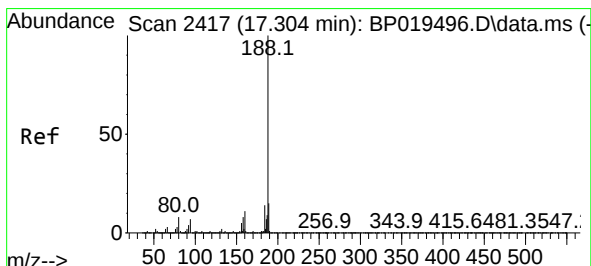
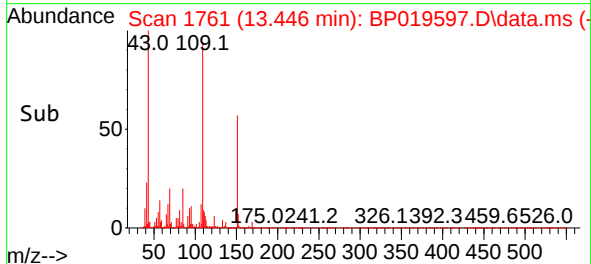
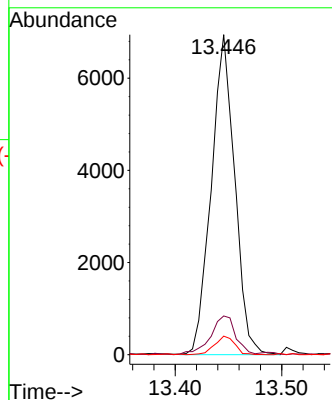
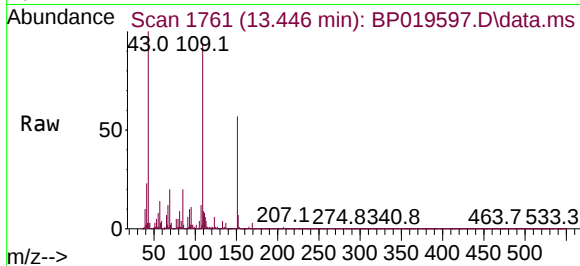




#48
2-Nitroaniline
Concen: 2.904 ng
RT: 13.446 min Scan# 11
Delta R.T. -0.194 min
Lab File: BP019597.D
Acq: 07 Feb 2024 16:59

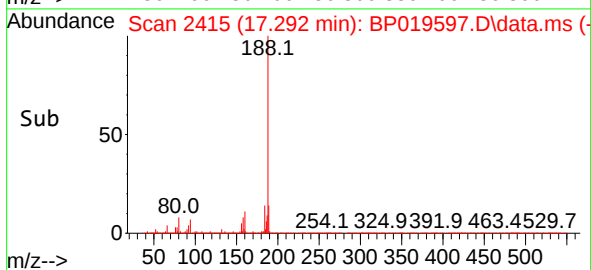
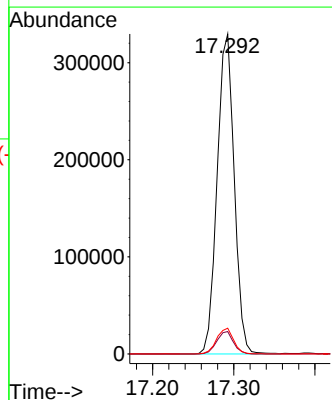
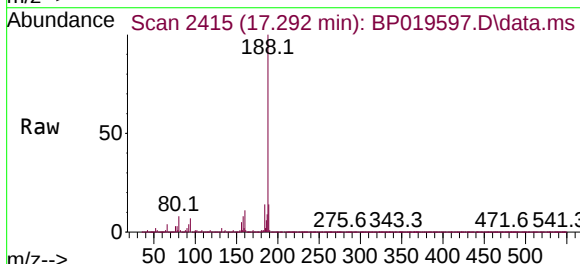
Instrument :
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COMP-2

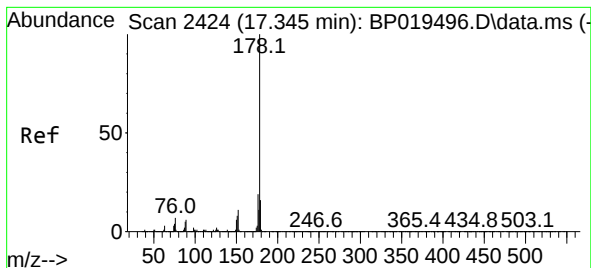
Tgt Ion: 65 Resp: 10631
Ion Ratio Lower Upper
65 100
92 12.1 54.7 82.1#
138 5.8 77.8 116.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019597.D
Acq: 07 Feb 2024 16:59

Tgt Ion:188 Resp: 482367
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 8.0 6.3 9.5





#71

Phenanthrene

Concen: 5.075 ng

RT: 17.334 min Scan# 24

Delta R.T. -0.011 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

Instrument :

BNA_P

ClientSampleId :

COMP-2

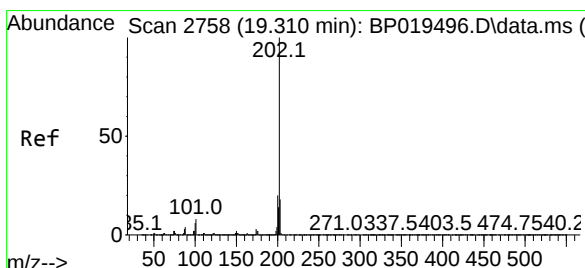
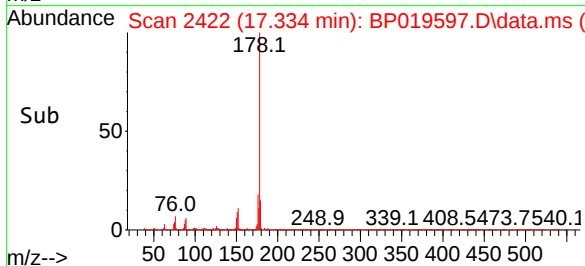
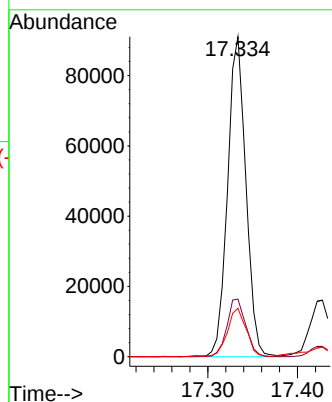
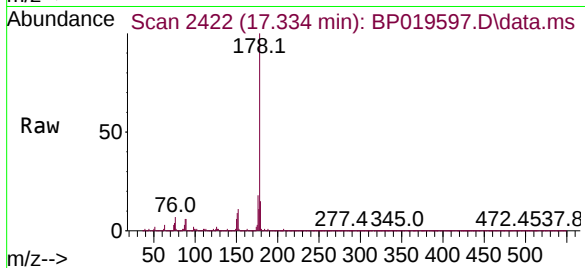
Tgt Ion:178 Resp: 128841

Ion Ratio Lower Upper

178 100

176 18.0 15.5 23.3

179 15.1 12.6 19.0



#75

Fluoranthene

Concen: 6.197 ng

RT: 19.298 min Scan# 2756

Delta R.T. -0.011 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

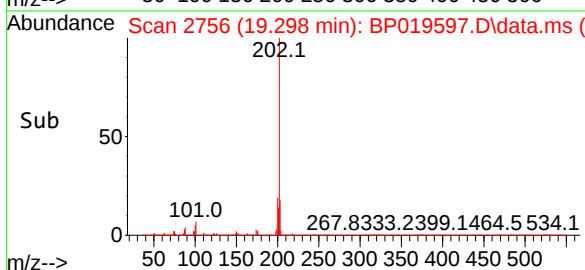
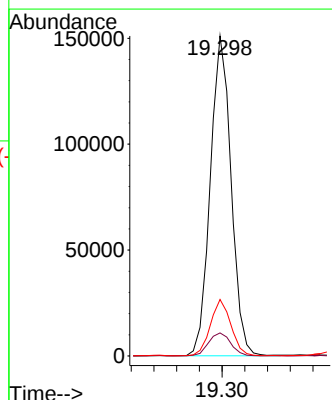
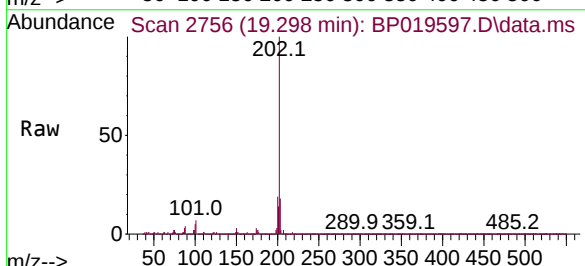
Tgt Ion:202 Resp: 192170

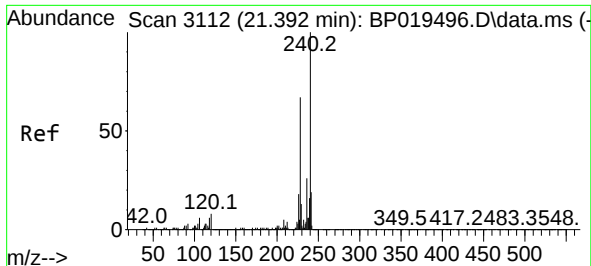
Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.7

203 17.6 0.0 37.5

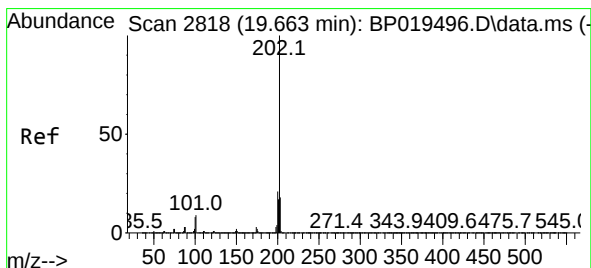
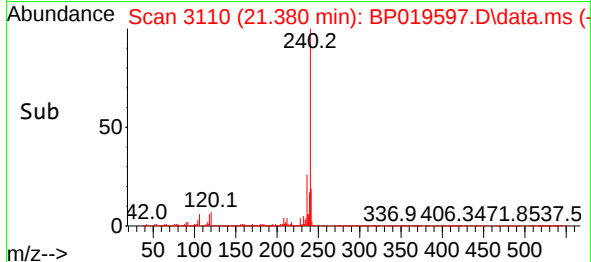
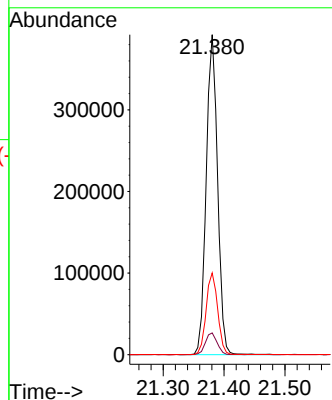
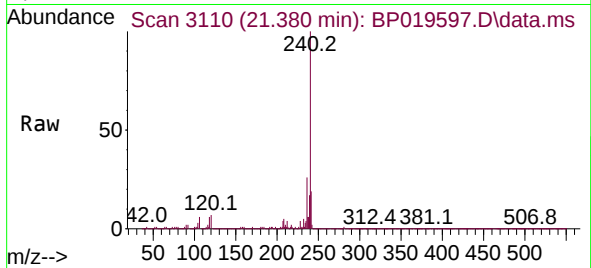




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3112
Delta R.T. -0.011 min
Lab File: BP019597.D
Acq: 07 Feb 2024 16:59

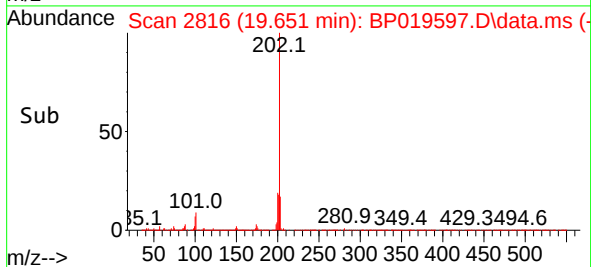
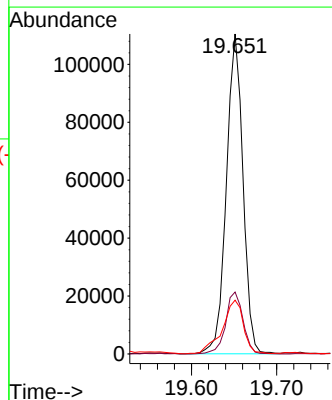
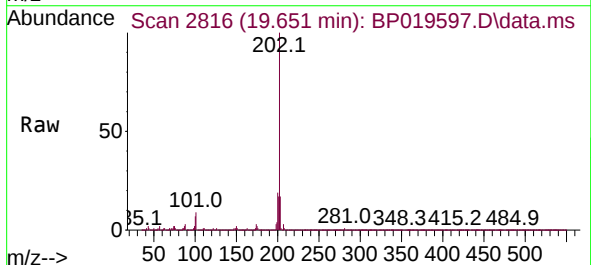
Instrument :
BNA_P
ClientSampleId :
COMP-2

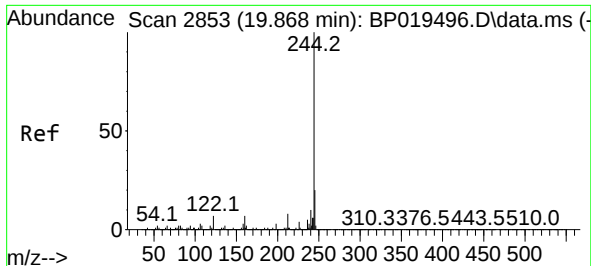
Tgt Ion:240 Resp: 508270
Ion Ratio Lower Upper
240 100
120 6.8 6.1 9.1
236 25.6 20.7 31.1



#78
Pyrene
Concen: 4.185 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.011 min
Lab File: BP019597.D
Acq: 07 Feb 2024 16:59

Tgt Ion:202 Resp: 150121
Ion Ratio Lower Upper
202 100
200 19.3 16.9 25.3
203 16.8 14.2 21.2

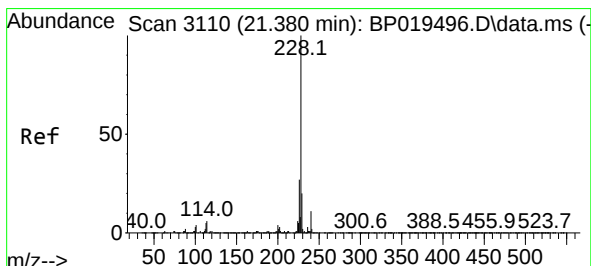
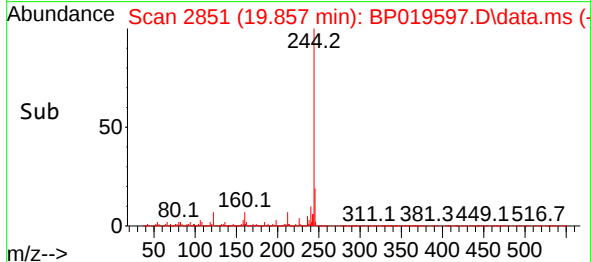
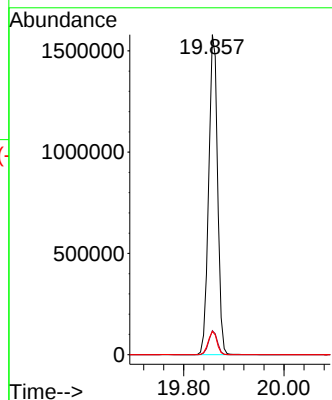
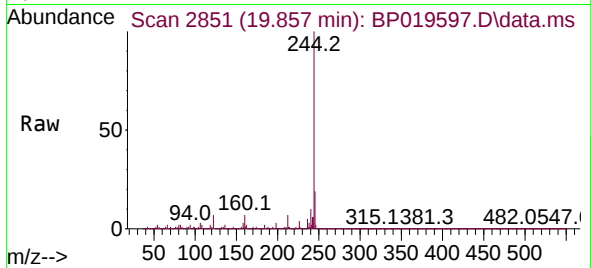




#79
 Terphenyl-d14
 Concen: 62.894 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BP019597.D
 Acq: 07 Feb 2024 16:59

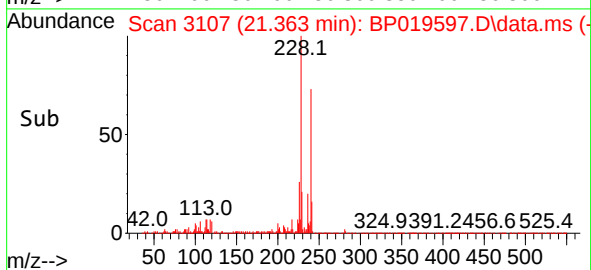
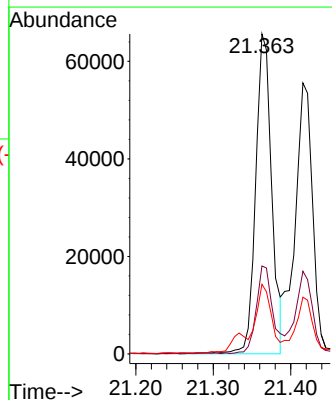
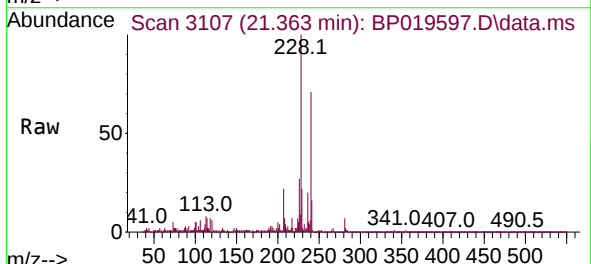
Instrument :
 BNA_P
 ClientSampleId :
 COMP-2

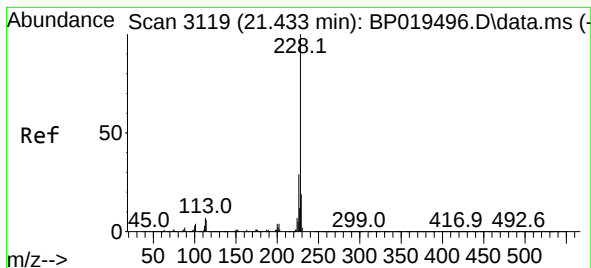
Tgt Ion:244 Resp: 1943832
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 7.3 5.9 8.9



#81
 Benzo(a)anthracene
 Concen: 2.630 ng
 RT: 21.363 min Scan# 3107
 Delta R.T. -0.017 min
 Lab File: BP019597.D
 Acq: 07 Feb 2024 16:59

Tgt Ion:228 Resp: 94086
 Ion Ratio Lower Upper
 228 100
 226 27.5 21.7 32.5
 229 21.8 15.6 23.4





#83

Chrysene

Concen: 2.412 ng

RT: 21.416 min Scan# 3119

Delta R.T. -0.017 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

Instrument :

BNA_P

ClientSampleId :

COMP-2

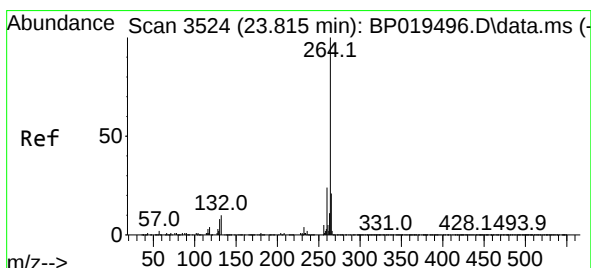
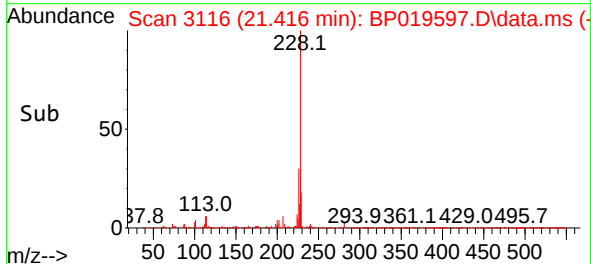
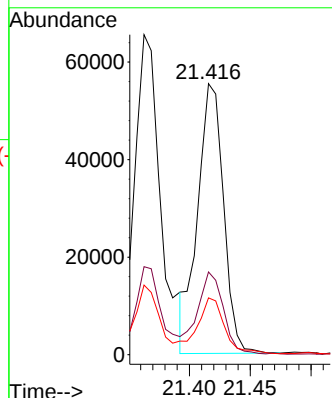
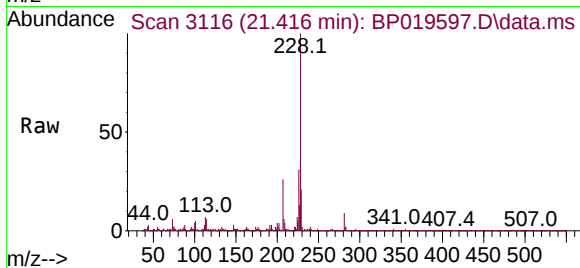
Tgt Ion:228 Resp: 81928

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.2

229 21.0 15.6 23.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.792 min Scan# 3520

Delta R.T. -0.023 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

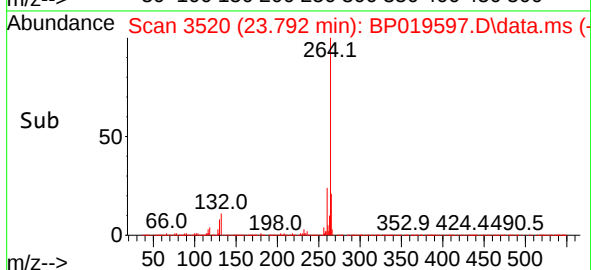
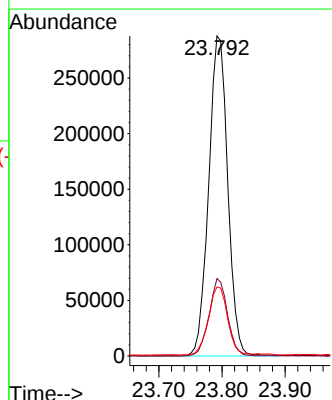
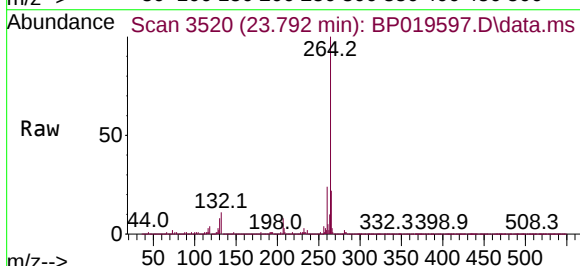
Tgt Ion:264 Resp: 602403

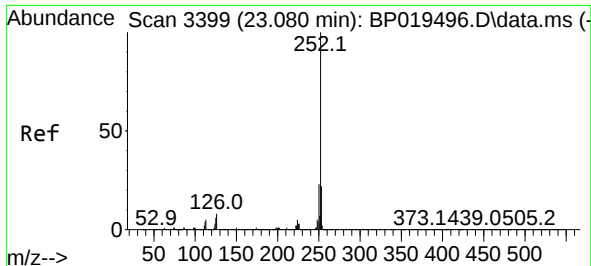
Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 17.0 25.4

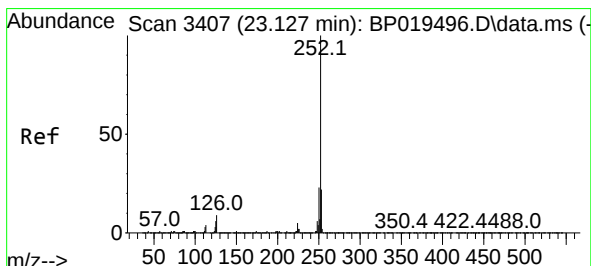
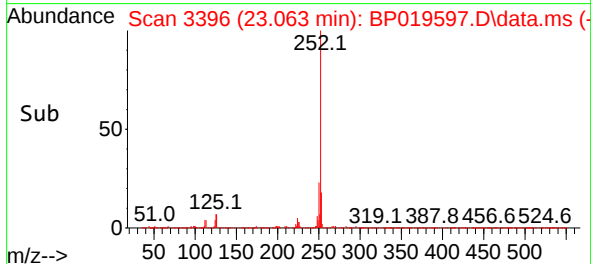
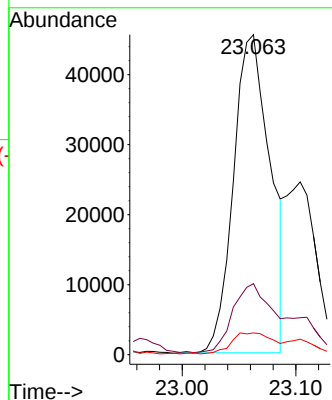
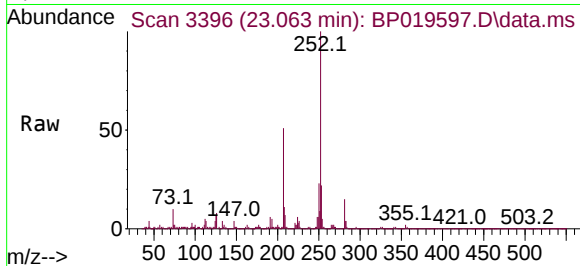




#88
Benzo(b)fluoranthene
Concen: 2.684 ng
RT: 23.063 min Scan# 3396
Delta R.T. -0.017 min
Lab File: BP019597.D
Acq: 07 Feb 2024 16:59

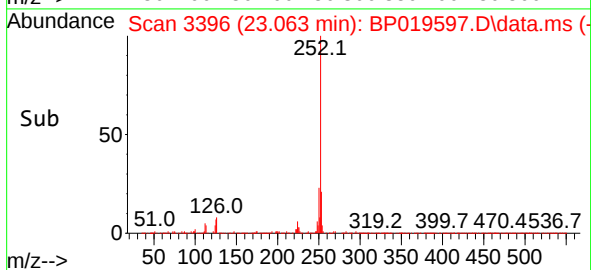
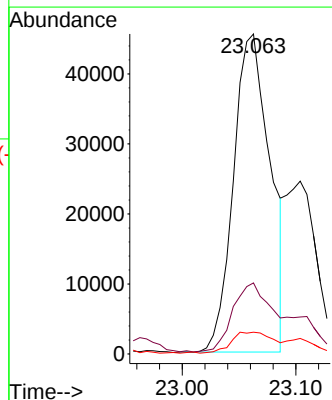
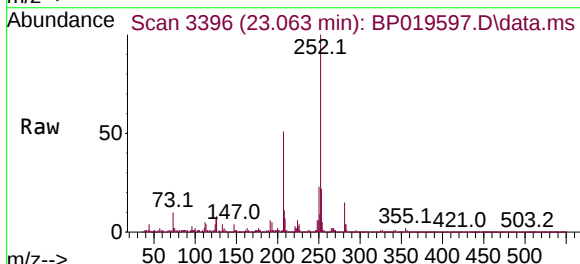
Instrument :
BNA_P
ClientSampleId :
COMP-2

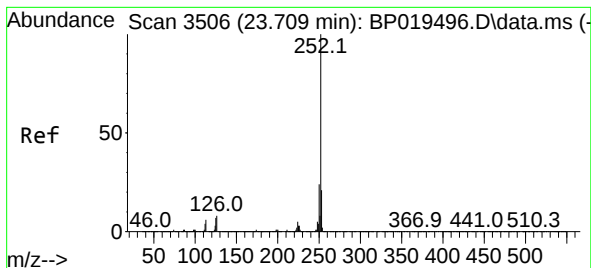
Tgt Ion:252 Resp: 101900
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 6.8 4.9 7.3



#89
Benzo(k)fluoranthene
Concen: 2.810 ng
RT: 23.063 min Scan# 3396
Delta R.T. -0.064 min
Lab File: BP019597.D
Acq: 07 Feb 2024 16:59

Tgt Ion:252 Resp: 101900
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 6.8 5.0 7.6





#90

Benzo(a)pyrene

Concen: 2.063 ng

RT: 23.686 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP019597.D

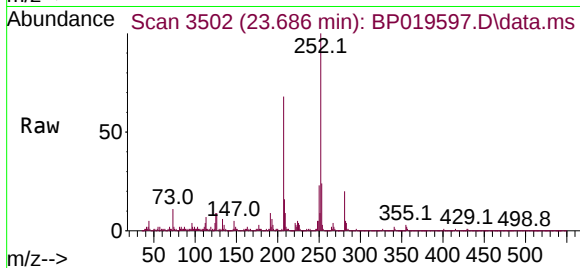
Acq: 07 Feb 2024 16:59

Instrument :

BNA_P

ClientSampleId :

COMP-2



Tgt Ion:252 Resp: 69691

Ion Ratio Lower Upper

252 100

253 24.4 17.1 25.7

125 9.0 5.6 8.4#

