

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
 Data File : BP019849.D
 Acq On : 23 Feb 2024 18:21
 Operator : MA/JU
 Sample : P1537-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 13

Quant Time: Feb 24 00:02:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

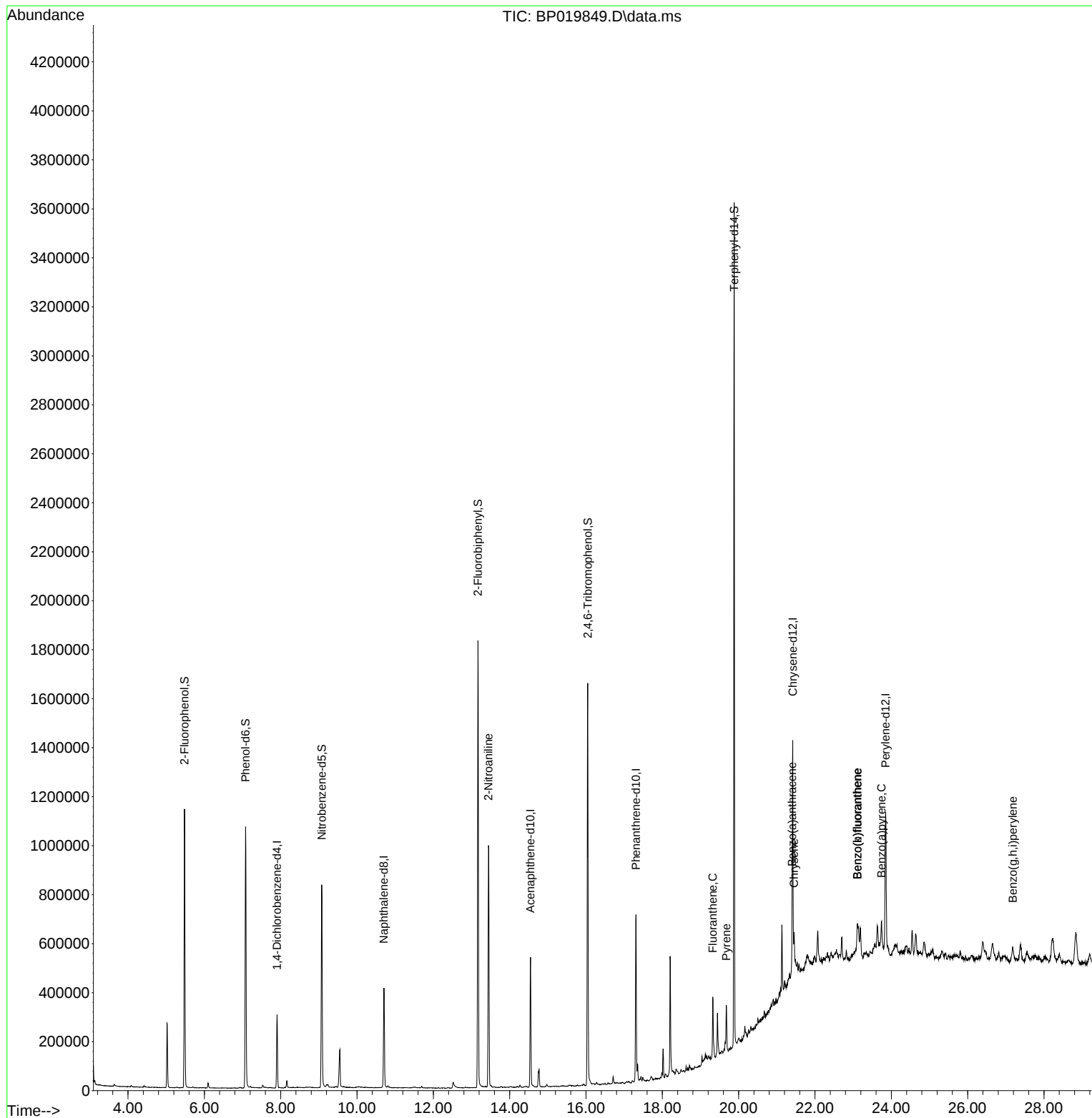
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	79484	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	340328	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	195175	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	440049	20.000	ng	0.00
76) Chrysene-d12	21.416	240	437048	20.000	ng	-0.01
86) Perylene-d12	23.851	264	515803	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	468109	94.932	ng	0.00
7) Phenol-d6	7.081	99	606425	91.208	ng	0.00
23) Nitrobenzene-d5	9.075	82	516328	65.740	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	355206	124.647	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	966870	61.241	ng	0.00
79) Terphenyl-d14	19.880	244	1721390	64.773	ng	-0.01
Target Compounds						
					Qvalue	
48) 2-Nitroaniline	13.445	65	20770	5.809	ng	# 16
75) Fluoranthene	19.322	202	136715	4.833	ng	100
78) Pyrene	19.675	202	123628	4.008	ng	99
81) Benzo(a)anthracene	21.398	228	69375	2.255	ng	97
83) Chrysene	21.451	228	78346	2.682	ng	95
88) Benzo(b)fluoranthene	23.110	252	117994	3.630	ng	# 92
89) Benzo(k)fluoranthene	23.110	252	117994	3.800	ng	# 92
90) Benzo(a)pyrene	23.739	252	80015	2.766	ng	# 89
92) Benzo(g,h,i)perylene	27.180	276	69649	2.114	ng	95

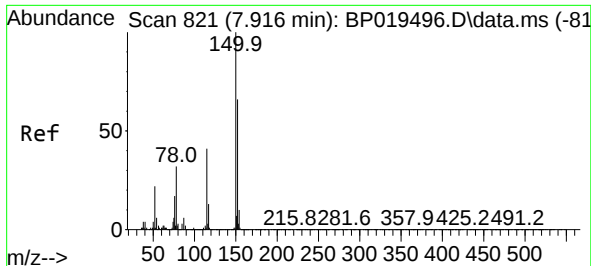
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
Data File : BP019849.D
Acq On : 23 Feb 2024 18:21
Operator : MA/JU
Sample : P1537-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
13

Quant Time: Feb 24 00:02:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 13:10:49 2024
Response via : Initial Calibration

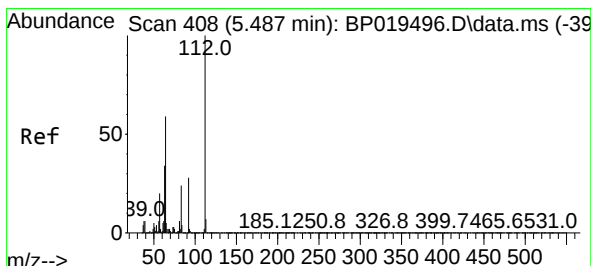
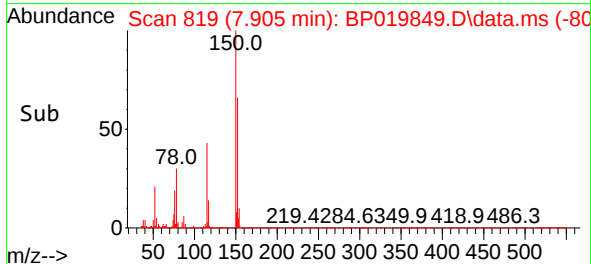
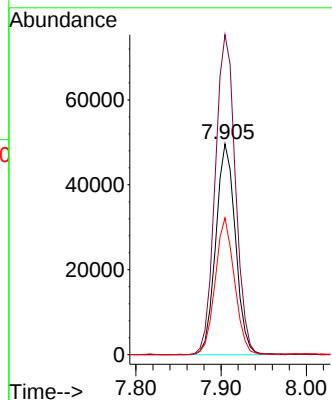
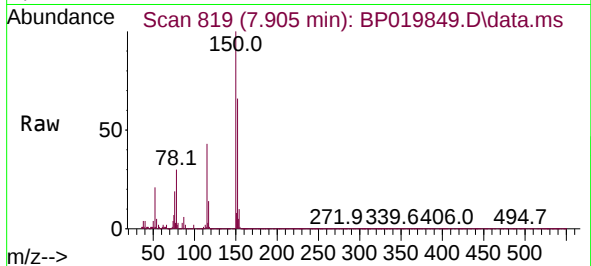




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

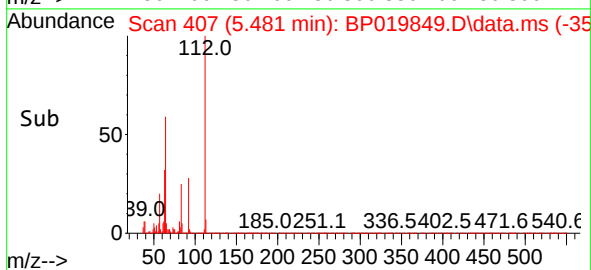
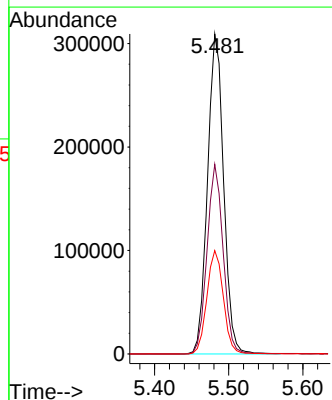
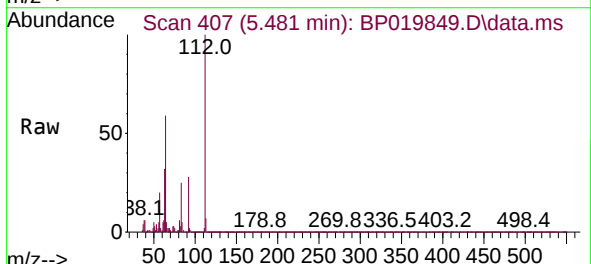
Instrument :
BNA_P
ClientSampleId :
13

Tgt Ion:152 Resp: 79484
Ion Ratio Lower Upper
152 100
150 151.8 121.8 182.8
115 64.9 49.9 74.9



#5
2-Fluorophenol
Concen: 94.932 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion:112 Resp: 468109
Ion Ratio Lower Upper
112 100
64 59.2 47.4 71.0
63 32.3 27.0 40.6

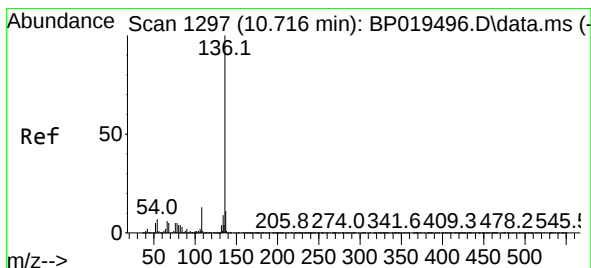
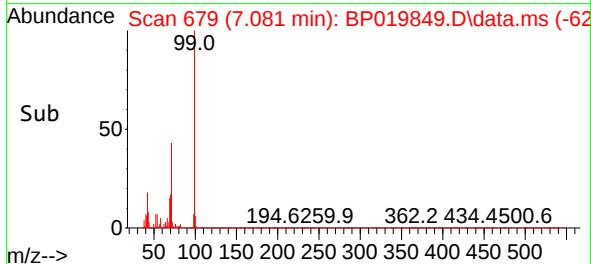
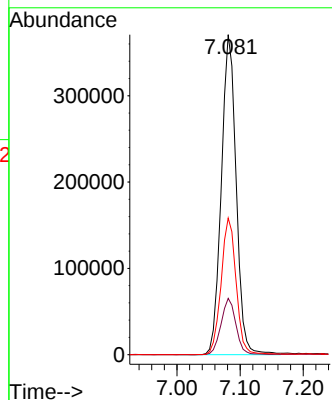
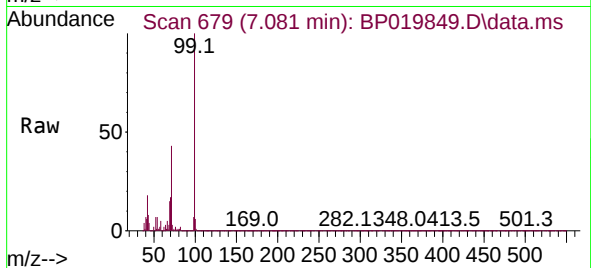




#7
Phenol-d6
Concen: 91.208 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

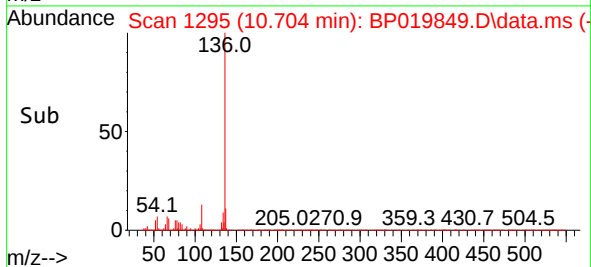
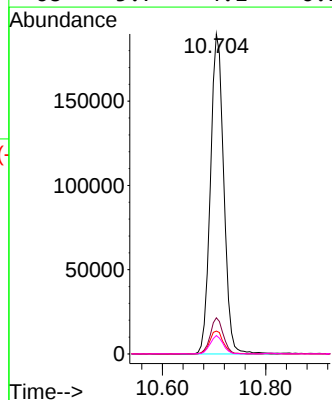
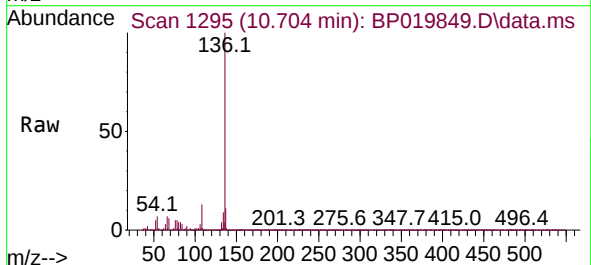
Instrument :
BNA_P
ClientSampleId :
13

Tgt Ion: 99 Resp: 606425
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 42.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion: 136 Resp: 340328
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.2 5.3 7.9
68 5.7 4.1 6.1

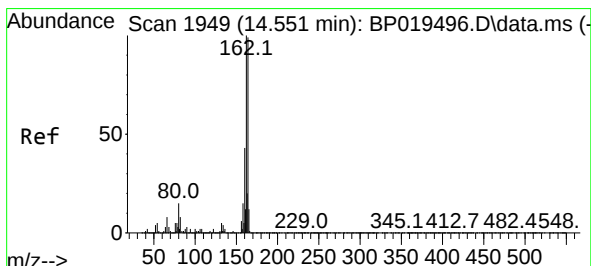
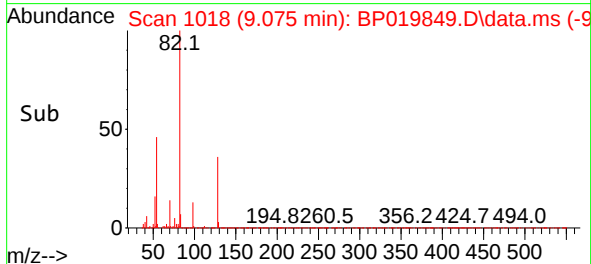
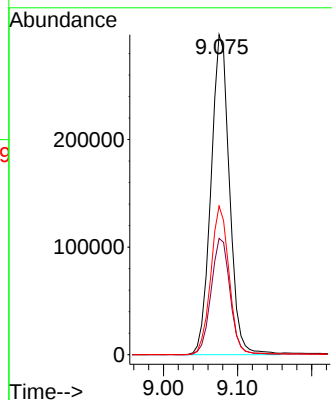
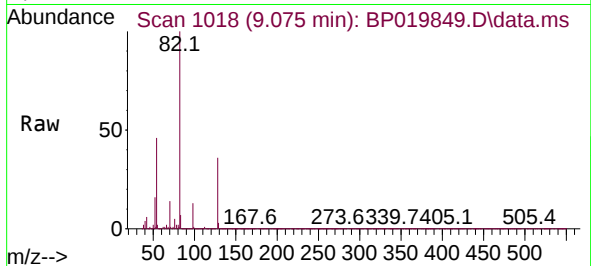




#23
Nitrobenzene-d5
Concen: 65.740 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

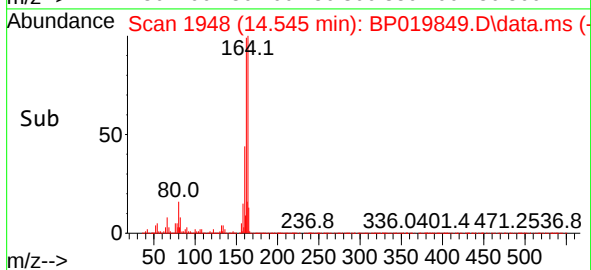
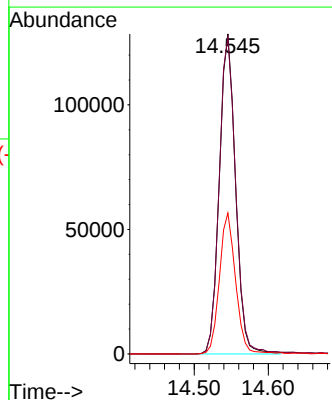
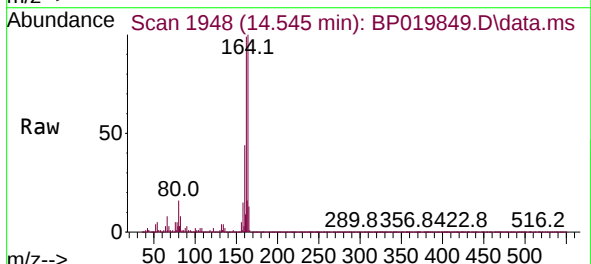
Instrument :
BNA_P
ClientSampleId :
13

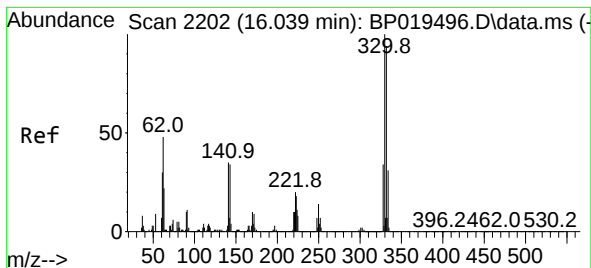
Tgt Ion: 82 Resp: 516328
Ion Ratio Lower Upper
82 100
128 36.4 29.7 44.5
54 46.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion:164 Resp: 195175
Ion Ratio Lower Upper
164 100
162 98.9 81.2 121.8
160 44.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 124.647 ng

RT: 16.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019849.D

Acq: 23 Feb 2024 18:21

Instrument :

BNA_P

ClientSampleId :

13

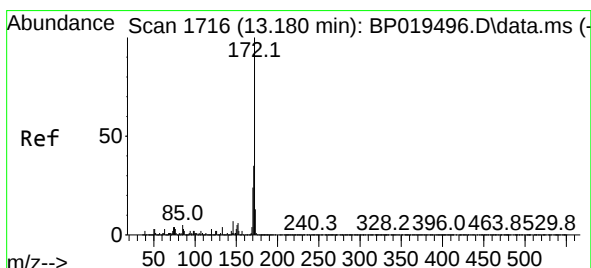
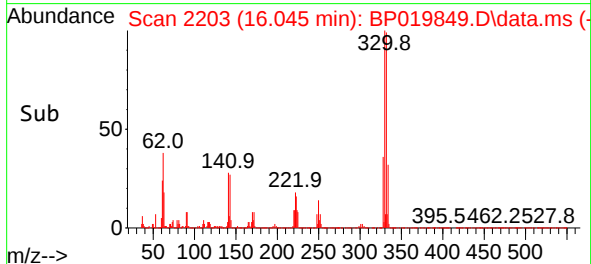
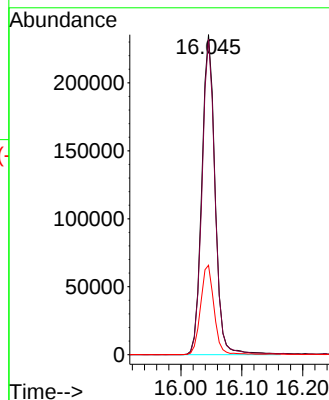
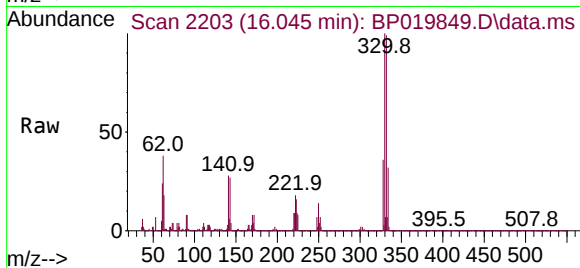
Tgt Ion:330 Resp: 355206

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

141 28.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 61.241 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BP019849.D

Acq: 23 Feb 2024 18:21

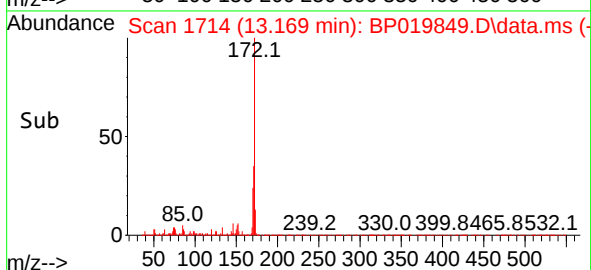
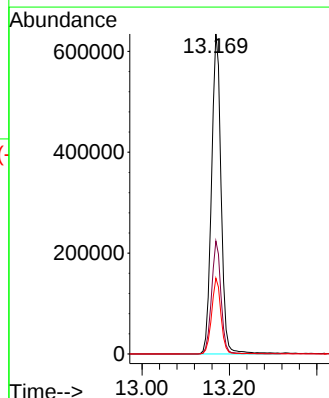
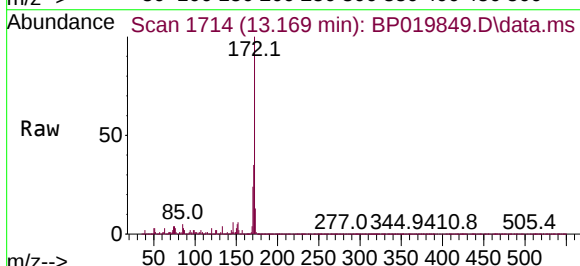
Tgt Ion:172 Resp: 966870

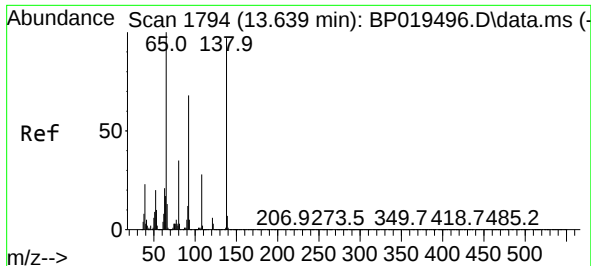
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.7 18.9 28.3

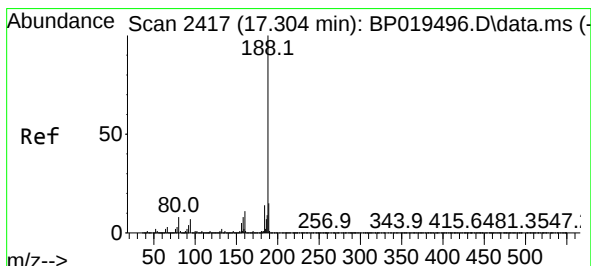
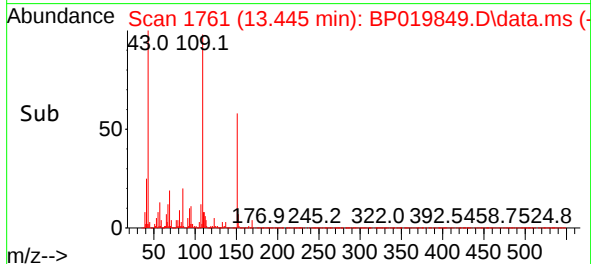
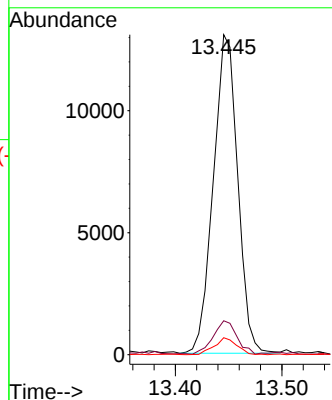
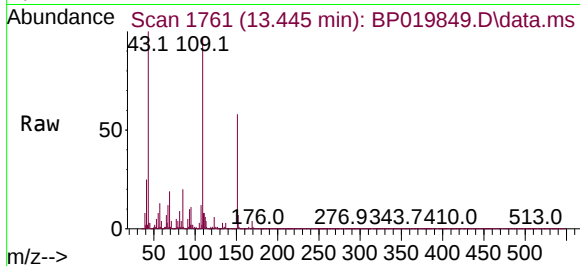




#48
2-Nitroaniline
Concen: 5.809 ng
RT: 13.445 min Scan# 11
Delta R.T. -0.194 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

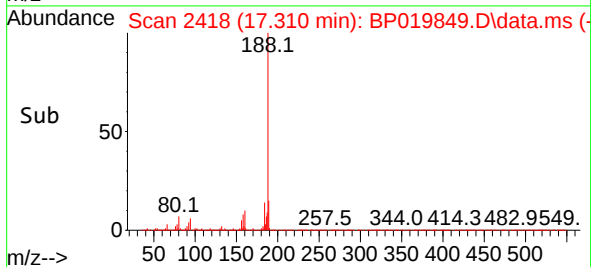
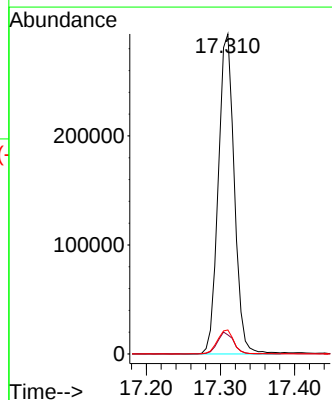
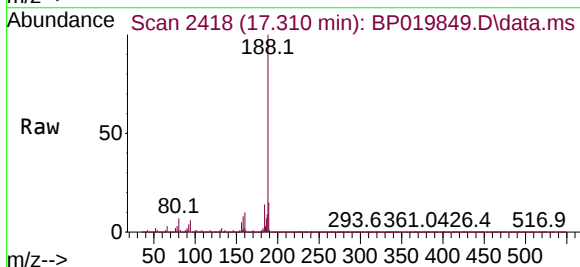
Instrument :
BNA_P
ClientSampleId :
13

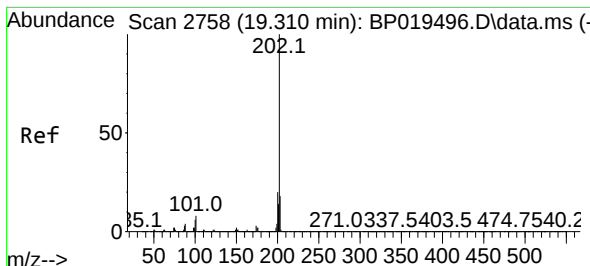
Tgt Ion: 65 Resp: 20770
Ion Ratio Lower Upper
65 100
92 10.6 54.7 82.1#
138 5.3 77.8 116.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BP019849.D
Acq: 23 Feb 2024 18:21

Tgt Ion:188 Resp: 440049
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.2
80 7.5 6.3 9.5





#75

Fluoranthene

Concen: 4.833 ng

RT: 19.322 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019849.D

Acq: 23 Feb 2024 18:21

Instrument :

BNA_P

ClientSampleId :

13

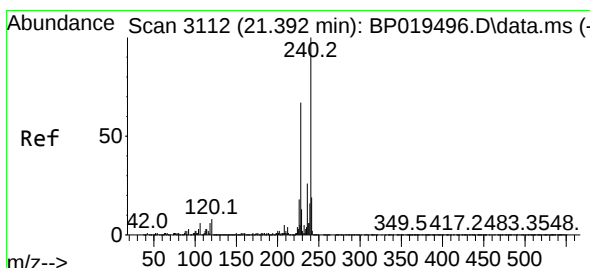
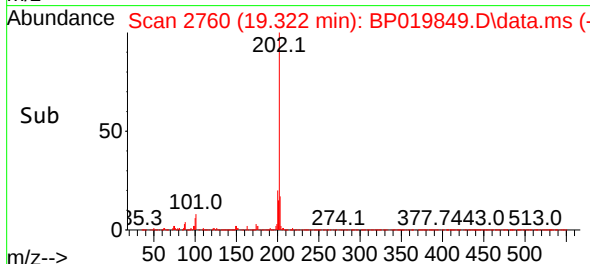
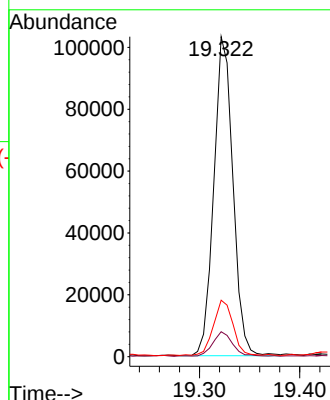
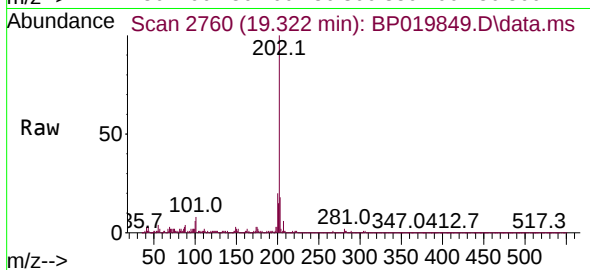
Tgt Ion:202 Resp: 136715

Ion Ratio Lower Upper

202 100

101 7.8 0.0 27.7

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP019849.D

Acq: 23 Feb 2024 18:21

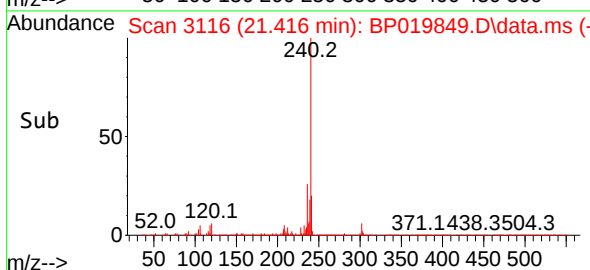
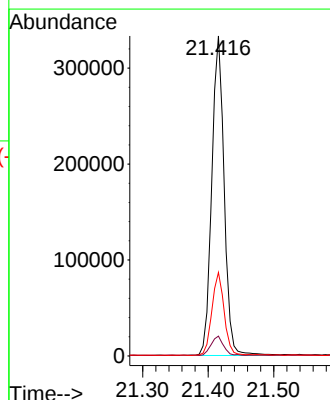
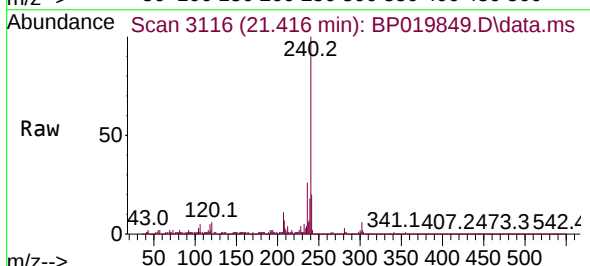
Tgt Ion:240 Resp: 437048

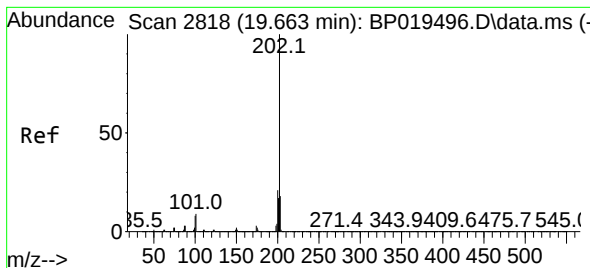
Ion Ratio Lower Upper

240 100

120 6.2 6.1 9.1

236 26.1 20.7 31.1





#78

Pyrene

Concen: 4.008 ng

RT: 19.675 min Scan# 2818

Delta R.T. -0.012 min

Lab File: BP019849.D

Acq: 23 Feb 2024 18:21

Instrument :

BNA_P

ClientSampleId :

13

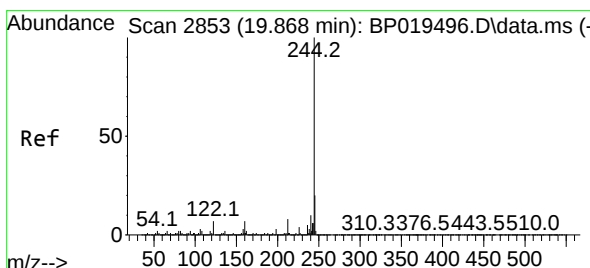
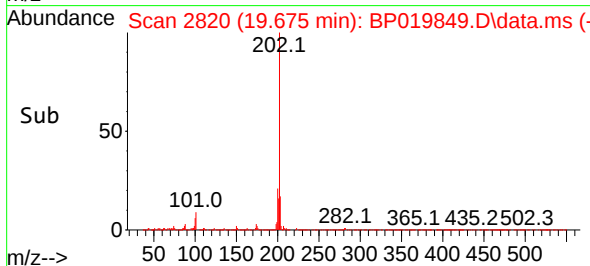
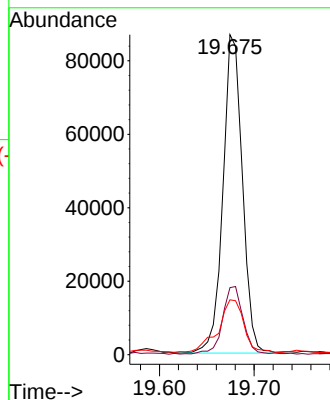
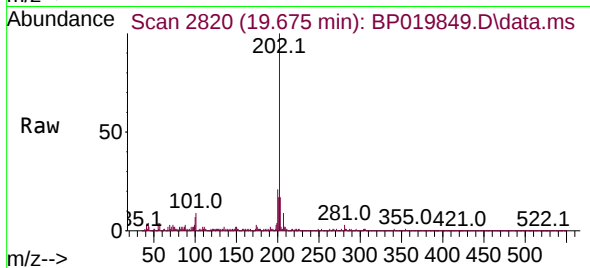
Tgt Ion:202 Resp: 123628

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.1 14.2 21.2



#79

Terphenyl-d14

Concen: 64.773 ng

RT: 19.880 min Scan# 2855

Delta R.T. -0.012 min

Lab File: BP019849.D

Acq: 23 Feb 2024 18:21

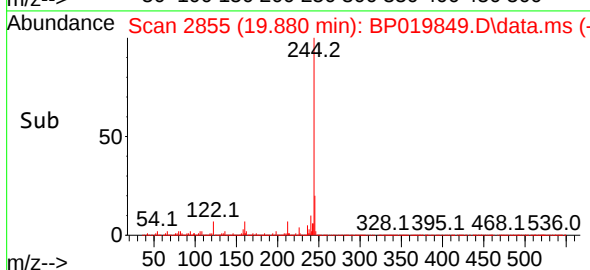
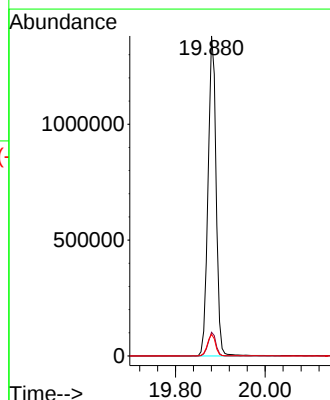
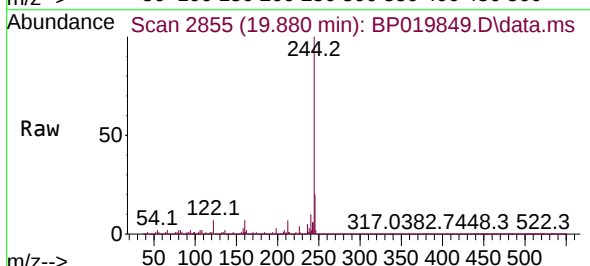
Tgt Ion:244 Resp: 1721390

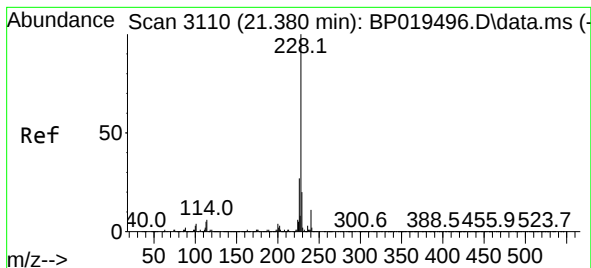
Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.7 5.9 8.9





#81

Benzo(a)anthracene

Concen: 2.255 ng

RT: 21.398 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP019849.D

Acq: 23 Feb 2024 18:21

Instrument :

BNA_P

ClientSampleId :

13

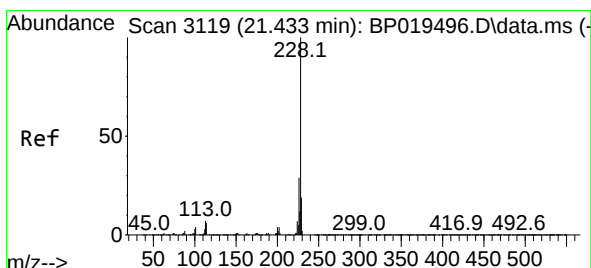
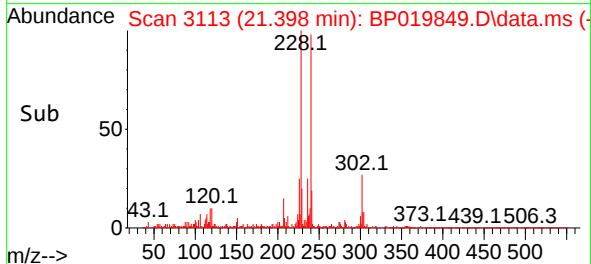
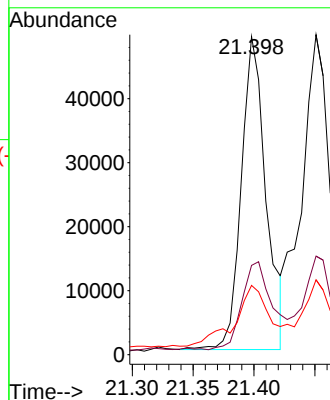
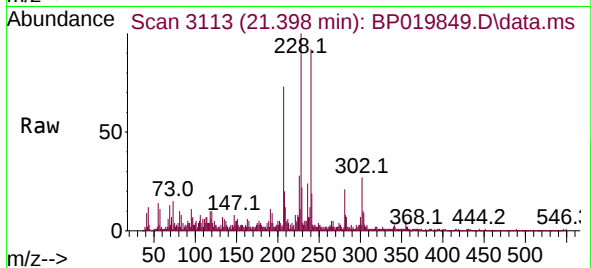
Tgt Ion:228 Resp: 69375

Ion Ratio Lower Upper

228 100

226 28.0 21.7 32.5

229 21.8 15.6 23.4



#83

Chrysene

Concen: 2.682 ng

RT: 21.451 min Scan# 3122

Delta R.T. -0.018 min

Lab File: BP019849.D

Acq: 23 Feb 2024 18:21

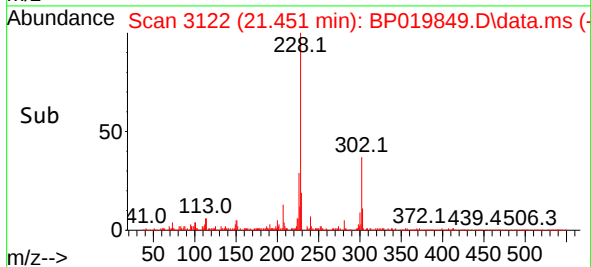
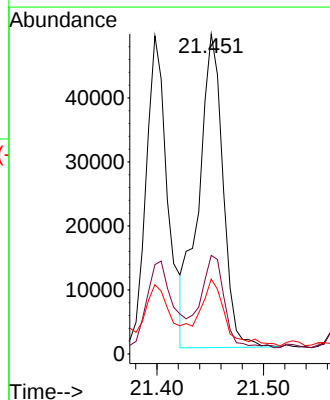
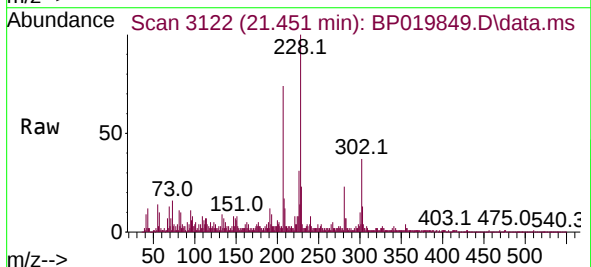
Tgt Ion:228 Resp: 78346

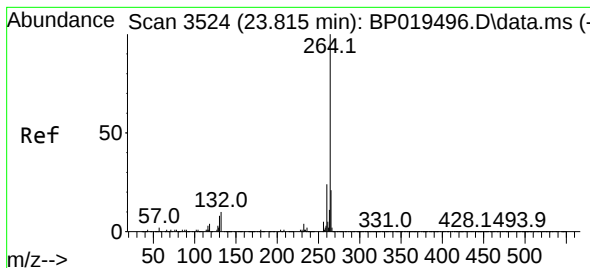
Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.2

229 23.4 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP019849.D

Acq: 23 Feb 2024 18:21

Instrument :

BNA_P

ClientSampleId :

13

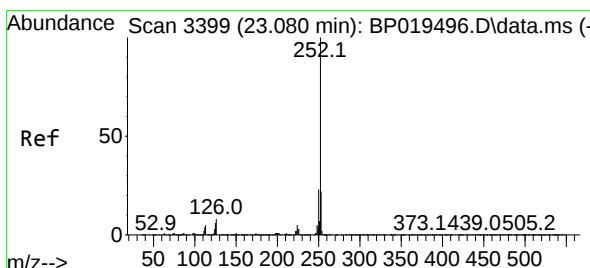
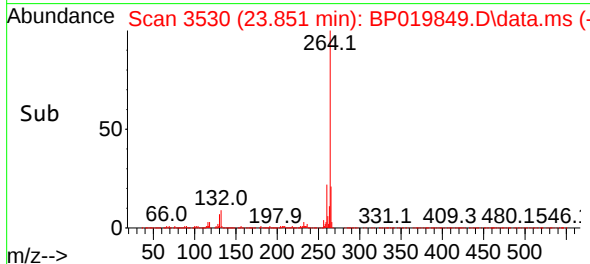
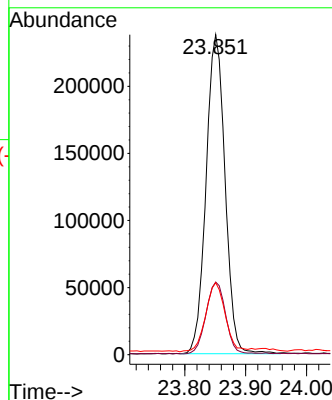
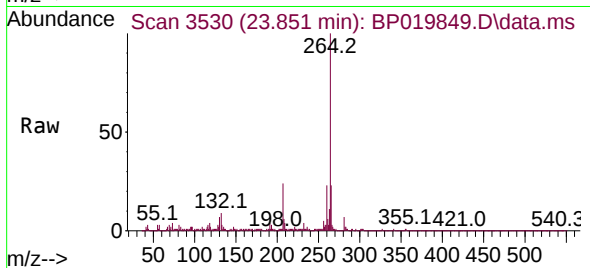
Tgt Ion:264 Resp: 515803

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 22.5 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 3.630 ng

RT: 23.110 min Scan# 3404

Delta R.T. -0.018 min

Lab File: BP019849.D

Acq: 23 Feb 2024 18:21

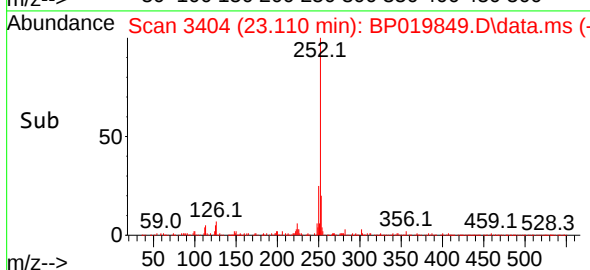
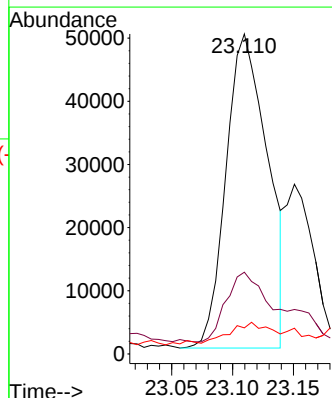
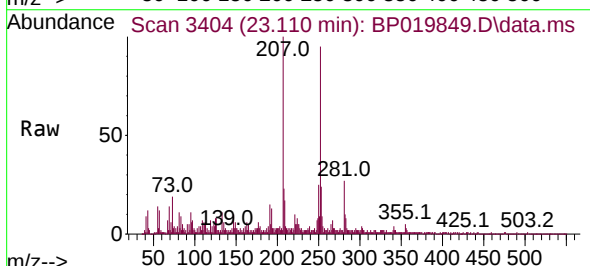
Tgt Ion:252 Resp: 117994

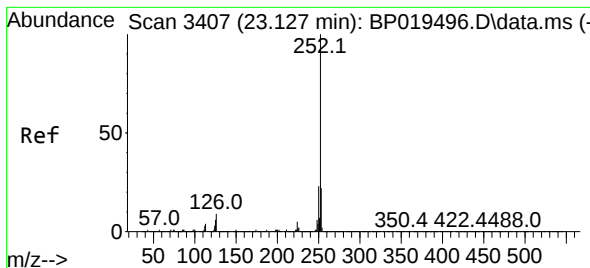
Ion Ratio Lower Upper

252 100

253 25.6 17.3 25.9

125 8.1 4.9 7.3#





#89

Benzo(k)fluoranthene

Concen: 3.800 ng

RT: 23.110 min Scan# 34

Delta R.T. -0.065 min

Lab File: BP019849.D

Acq: 23 Feb 2024 18:21

Instrument :

BNA_P

ClientSampleId :

13

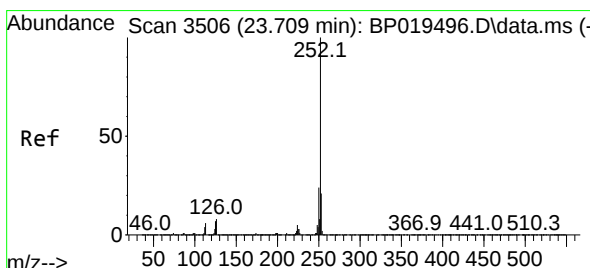
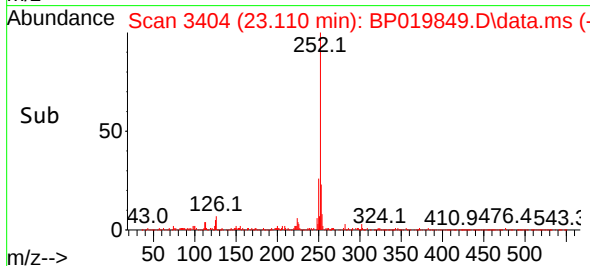
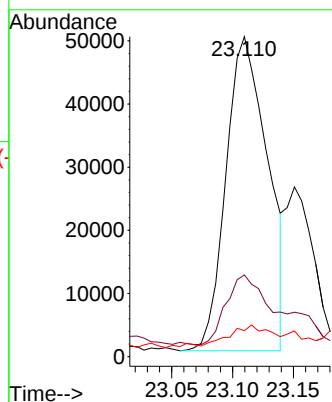
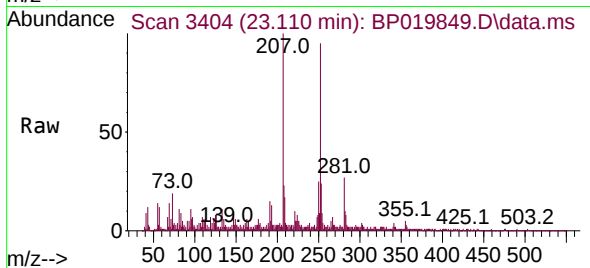
Tgt Ion:252 Resp: 117994

Ion Ratio Lower Upper

252 100

253 25.6 17.1 25.7

125 8.1 5.0 7.6#



#90

Benzo(a)pyrene

Concen: 2.766 ng

RT: 23.739 min Scan# 3511

Delta R.T. -0.024 min

Lab File: BP019849.D

Acq: 23 Feb 2024 18:21

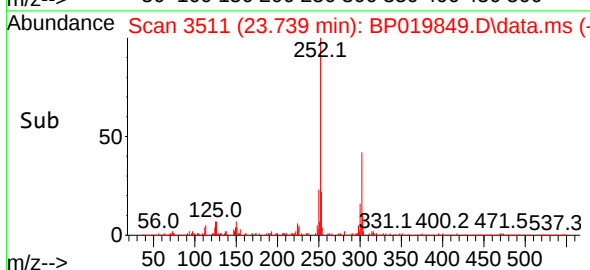
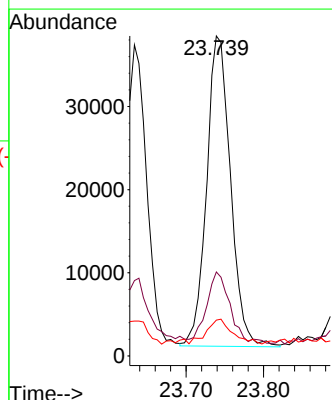
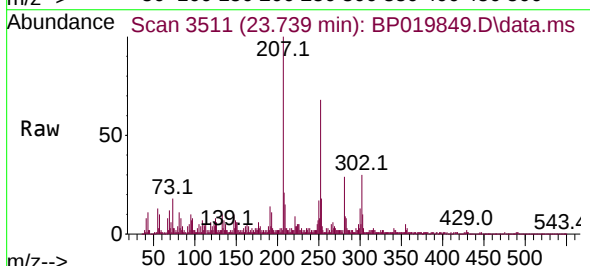
Tgt Ion:252 Resp: 80015

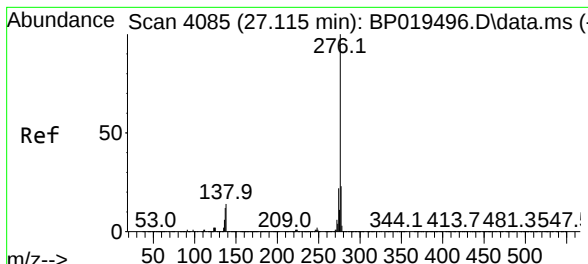
Ion Ratio Lower Upper

252 100

253 26.2 17.1 25.7#

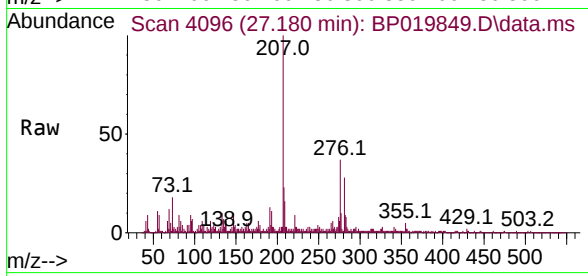
125 11.2 5.6 8.4#





#92
 Benzo(g,h,i)perylene
 Concen: 2.114 ng
 RT: 27.180 min Scan# 4096
 Delta R.T. -0.035 min
 Lab File: BP019849.D
 Acq: 23 Feb 2024 18:21

Instrument :
 BNA_P
 ClientSampleId :
 13



Tgt Ion:	276	Resp:	69649
Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.6	28.0
138	15.5	10.9	16.3

