

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
 Data File : BP021613.D
 Acq On : 22 Aug 2024 14:21
 Operator : RC/JU
 Sample : P3671-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-911-K1-SO-0-0.5-081924-FD

Quant Time: Aug 22 14:53:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 11:12:31 2024
 Response via : Initial Calibration

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

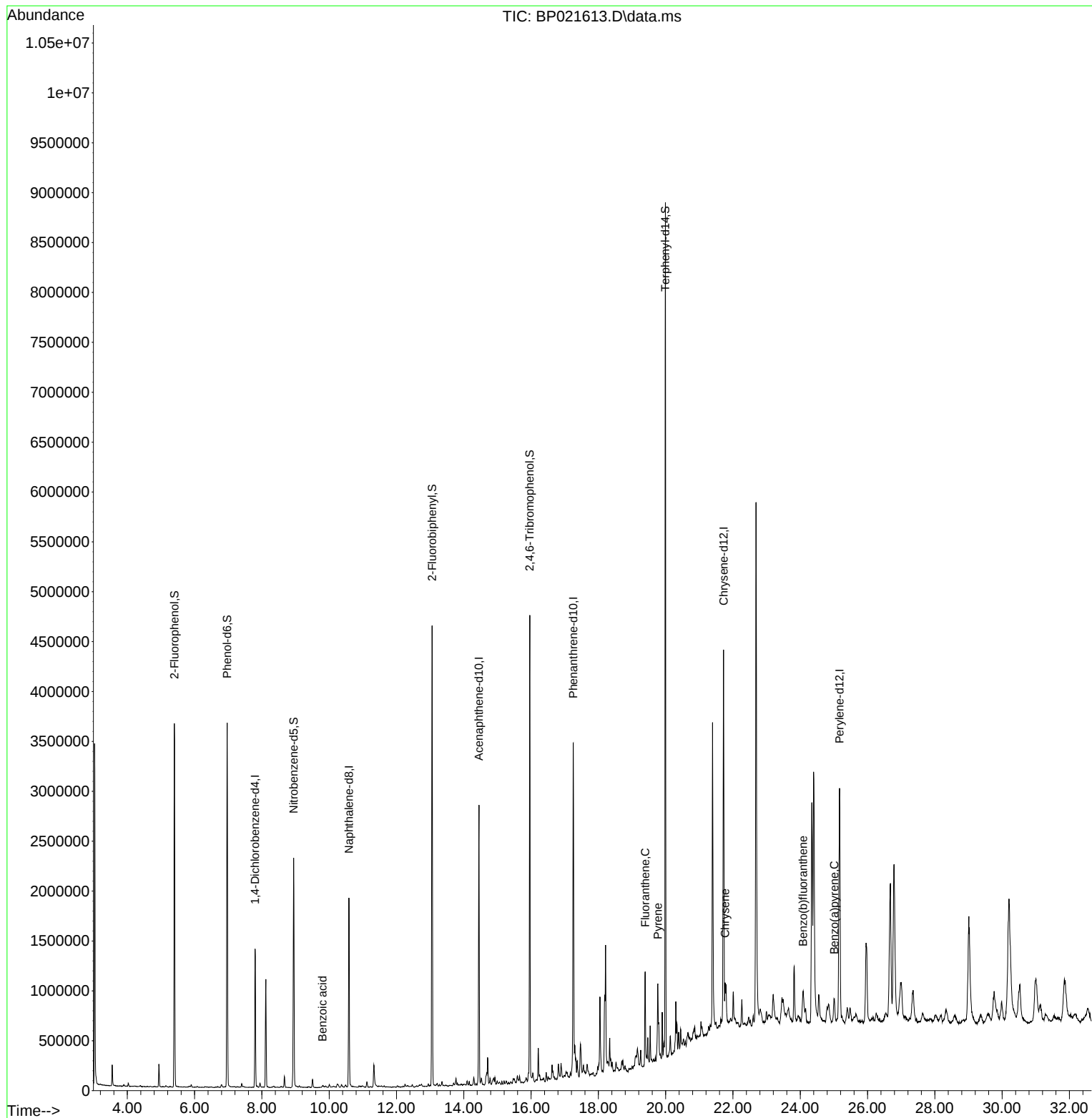
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	356018	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1427733	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	917752	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2066502	20.000	ng	0.00
76) Chrysene-d12	21.721	240	2032283	20.000	ng	0.00
86) Perylene-d12	25.168	264	2350318	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1665658	69.470	ng	0.00
7) Phenol-d6	6.969	99	2427497	69.404	ng	0.00
23) Nitrobenzene-d5	8.946	82	1462826	52.884	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	810789	79.379	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2476906	41.189	ng	0.00
79) Terphenyl-d14	19.992	244	3941742	37.680	ng	0.02
Target Compounds						
						Qvalue
32) Benzoic acid	9.804	122	13443m	5.082	ng	
75) Fluoranthene	19.392	202	526326	4.316	ng	99
78) Pyrene	19.769	202	490212	3.690	ng	99
83) Chrysene	21.769	228	298332	2.477	ng	98
88) Benzo(b)fluoranthene	24.086	252	418920	3.103	ng	# 96
90) Benzo(a)pyrene	25.015	252	247733	2.115	ng	# 96

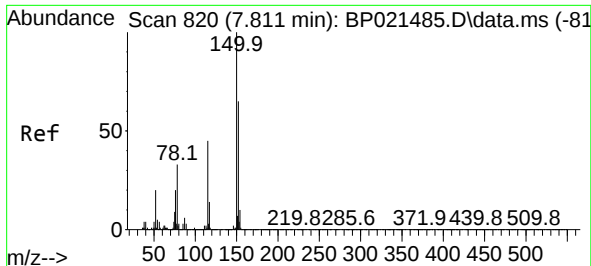
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
Data File : BP021613.D
Acq On : 22 Aug 2024 14:21
Operator : RC/JU
Sample : P3671-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-911-K1-SO-0-0.5-081924-FD

Quant Time: Aug 22 14:53:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 11:12:31 2024
Response via : Initial Calibration

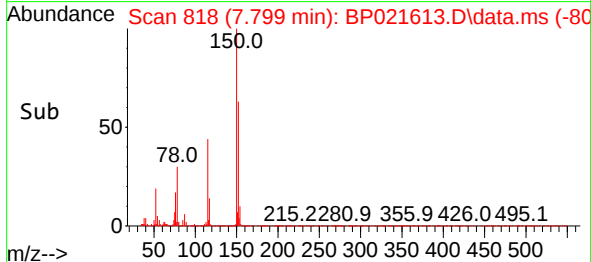
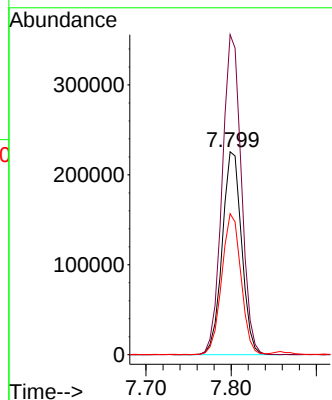
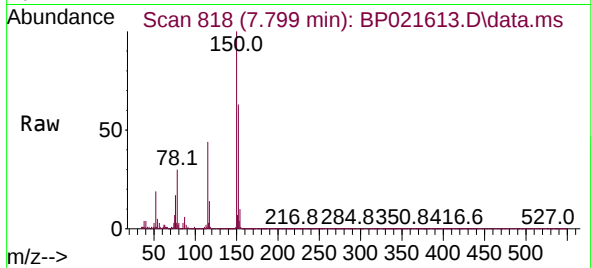




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021613.D
Acq: 22 Aug 2024 14:21

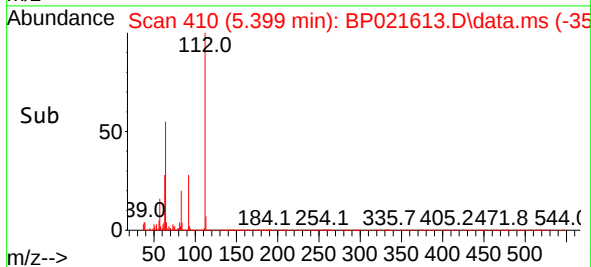
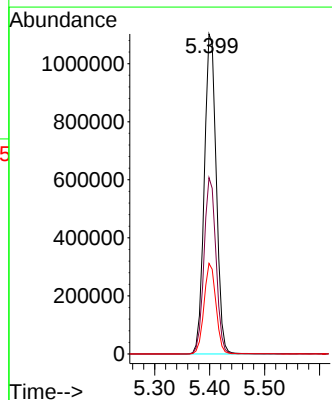
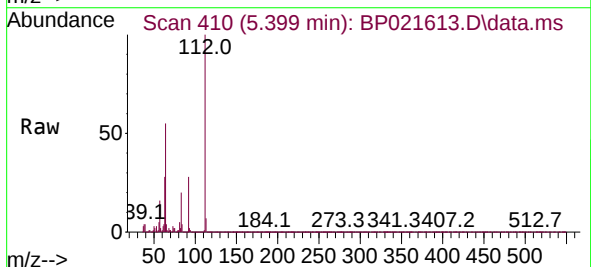
Instrument :
BNA_P
ClientSampleId :
S-911-K1-SO-0-0.5-081924-FD

Tgt Ion:152 Resp: 356018
Ion Ratio Lower Upper
152 100
150 157.7 122.4 183.6
115 69.4 54.7 82.1



#5
2-Fluorophenol
Concen: 69.470 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.000 min
Lab File: BP021613.D
Acq: 22 Aug 2024 14:21

Tgt Ion:112 Resp: 1665658
Ion Ratio Lower Upper
112 100
64 55.1 49.0 73.6
63 28.3 24.6 36.8

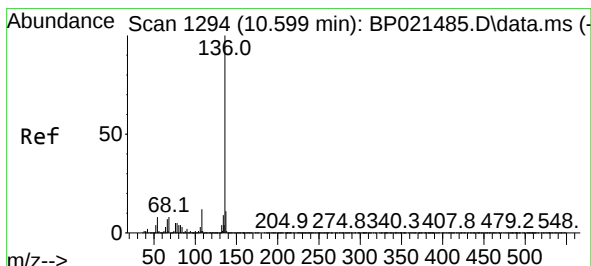
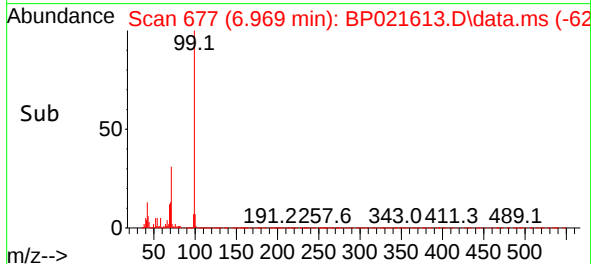
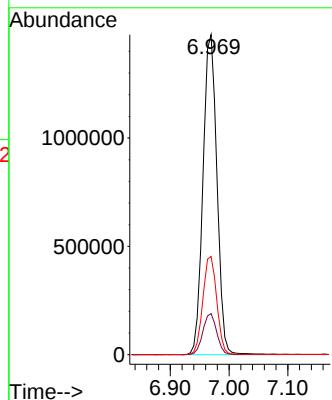
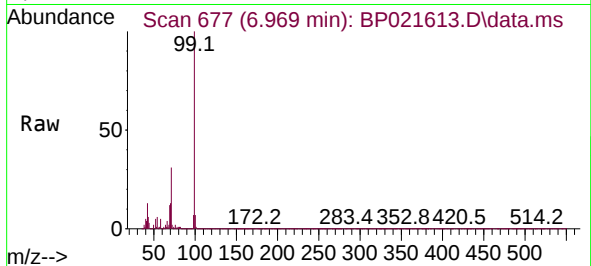




#7
Phenol-d6
Concen: 69.404 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021613.D
Acq: 22 Aug 2024 14:21

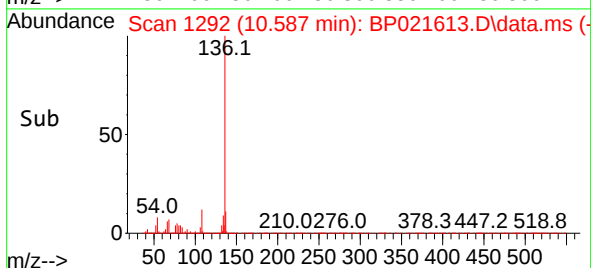
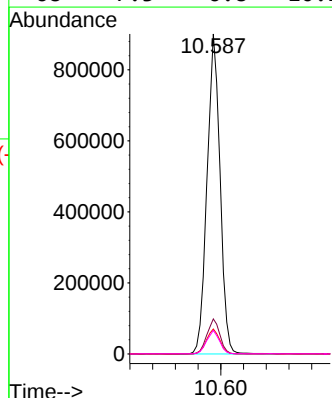
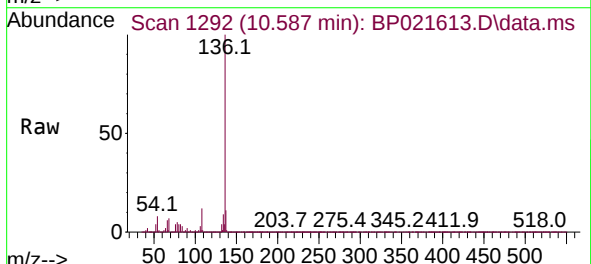
Instrument :
BNA_P
ClientSampleId :
S-911-K1-SO-0-0.5-081924-FD

Tgt Ion: 99 Resp: 2427497
Ion Ratio Lower Upper
99 100
42 12.9 10.2 15.4
71 30.7 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP021613.D
Acq: 22 Aug 2024 14:21

Tgt Ion:136 Resp: 1427733
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 6.3 9.5
68 7.3 6.8 10.2

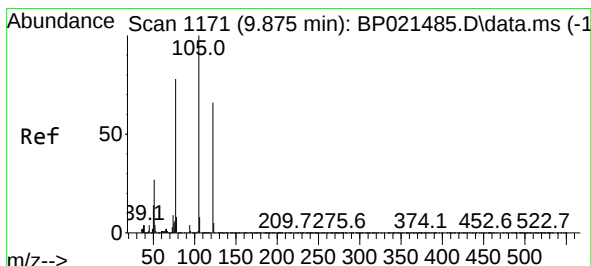
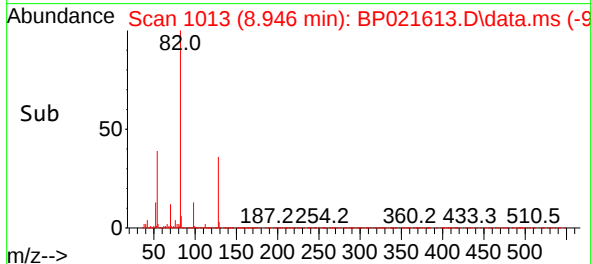
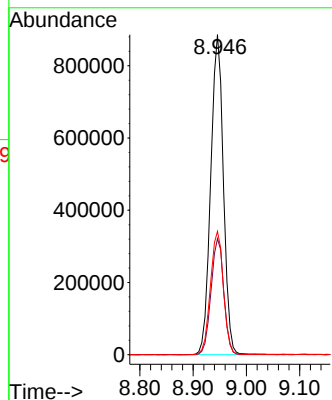
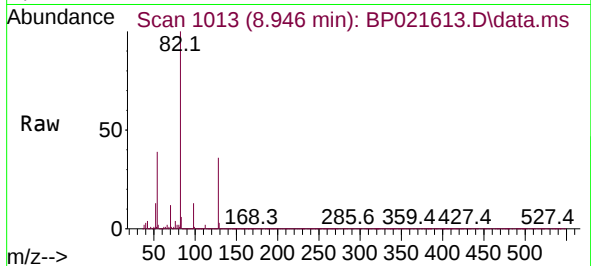




#23
Nitrobenzene-d5
Concen: 52.884 ng
RT: 8.946 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP021613.D
Acq: 22 Aug 2024 14:21

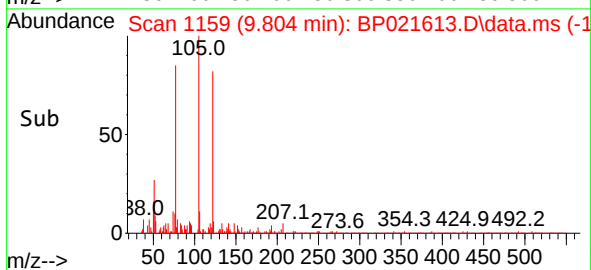
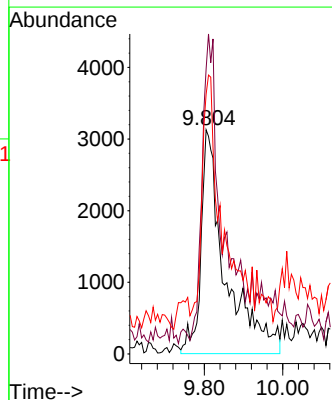
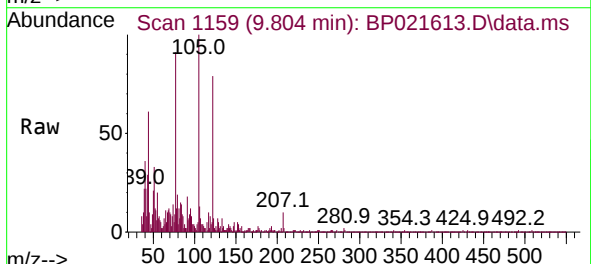
Instrument :
BNA_P
ClientSampleId :
S-911-K1-SO-0-0.5-081924-FD

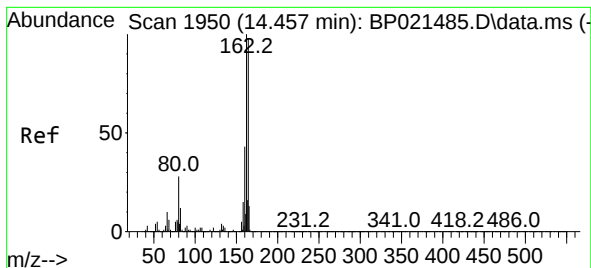
Tgt Ion: 82 Resp: 1462826
Ion Ratio Lower Upper
82 100
128 36.3 26.5 39.7
54 38.5 30.3 45.5



#32
Benzoic acid
Concen: 5.082 ng m
RT: 9.804 min Scan# 1159
Delta R.T. -0.088 min
Lab File: BP021613.D
Acq: 22 Aug 2024 14:21

Tgt Ion: 122 Resp: 13443
Ion Ratio Lower Upper
122 100
105 127.2 124.6 164.6
77 115.8 96.2 136.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1950

Delta R.T. 0.006 min

Lab File: BP021613.D

Acq: 22 Aug 2024 14:21

Instrument :

BNA_P

ClientSampleId :

S-911-K1-SO-0-0.5-081924-FD

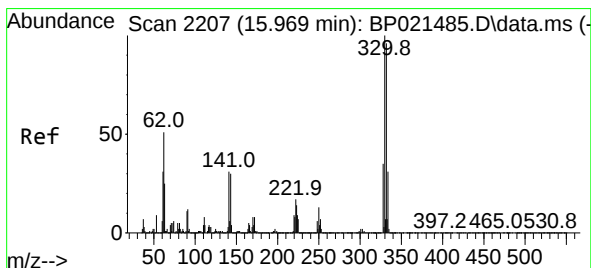
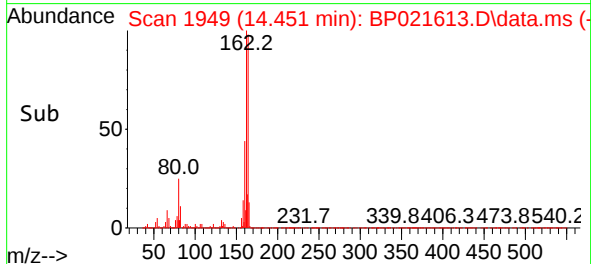
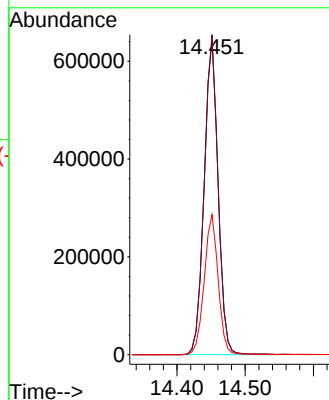
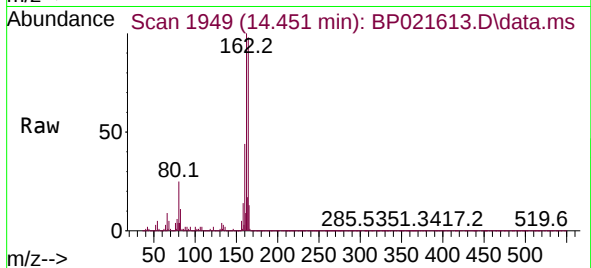
Tgt Ion:164 Resp: 917752

Ion Ratio Lower Upper

164 100

162 101.8 81.5 122.3

160 44.6 35.2 52.8



#42

2,4,6-Tribromophenol

Concen: 79.379 ng

RT: 15.963 min Scan# 2206

Delta R.T. 0.006 min

Lab File: BP021613.D

Acq: 22 Aug 2024 14:21

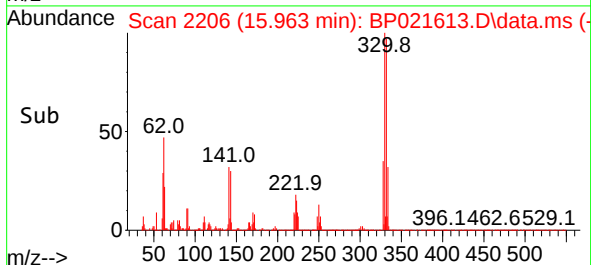
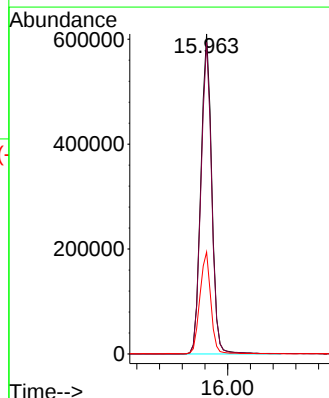
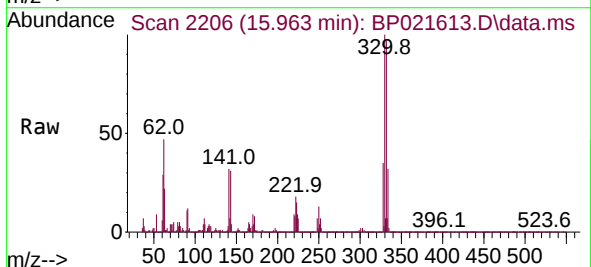
Tgt Ion:330 Resp: 810789

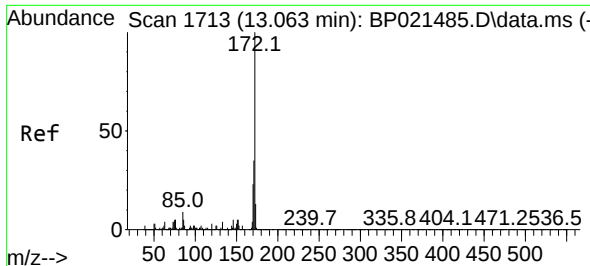
Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

141 31.8 24.5 36.7

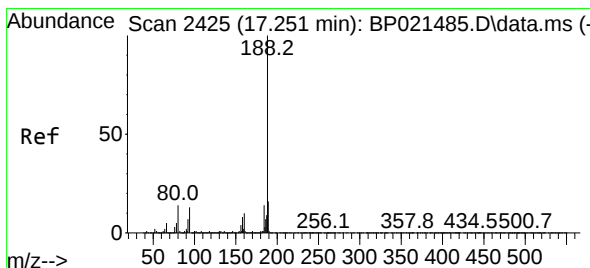
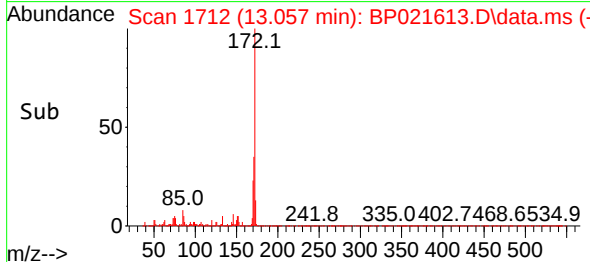
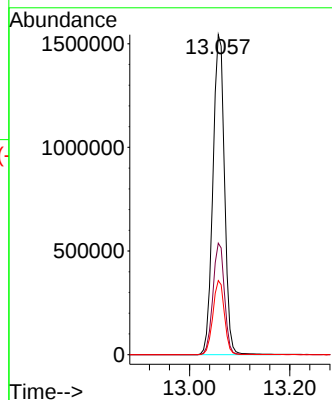
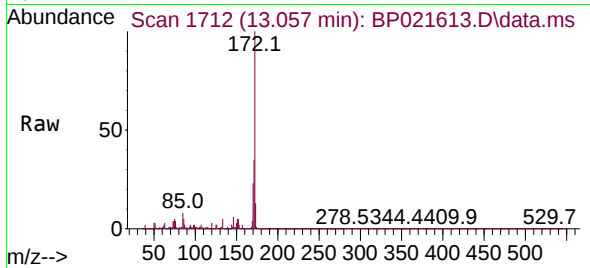




#45
2-Fluorobiphenyl
Concen: 41.189 ng
RT: 13.057 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BP021613.D
Acq: 22 Aug 2024 14:21

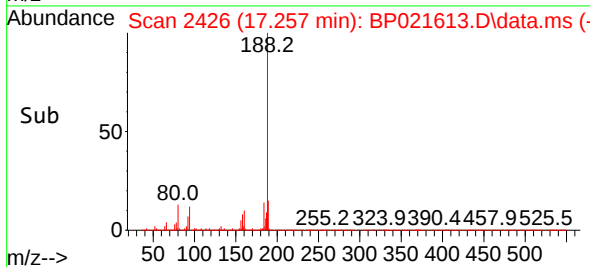
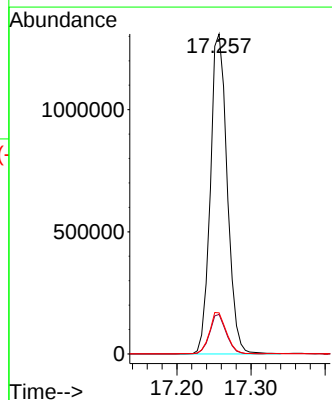
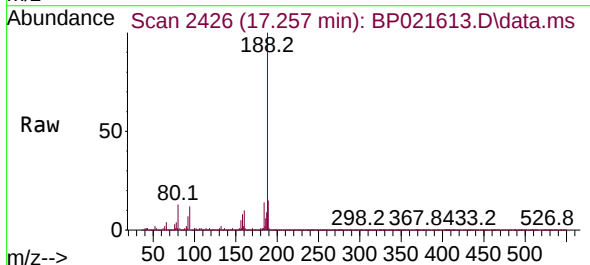
Instrument :
BNA_P
ClientSampleId :
S-911-K1-SO-0-0.5-081924-FD

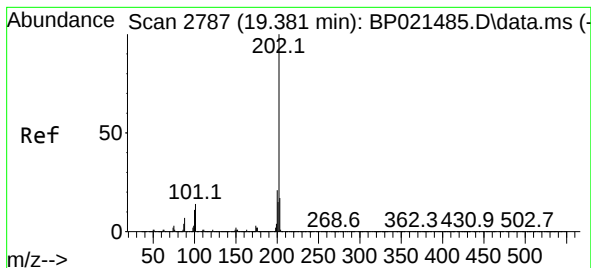
Tgt Ion:172 Resp: 2476906
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.1 18.4 27.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP021613.D
Acq: 22 Aug 2024 14:21

Tgt Ion:188 Resp: 2066502
Ion Ratio Lower Upper
188 100
94 12.3 10.2 15.4
80 12.9 11.6 17.4





#75

Fluoranthene

Concen: 4.316 ng

RT: 19.392 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021613.D

Acq: 22 Aug 2024 14:21

Instrument :

BNA_P

ClientSampleId :

S-911-K1-SO-0-0.5-081924-FD

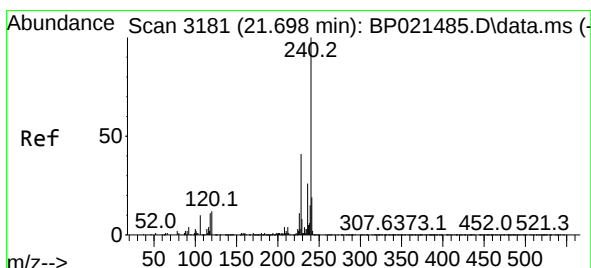
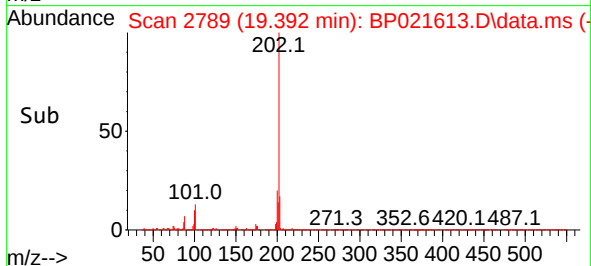
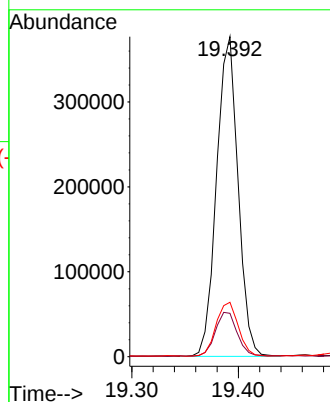
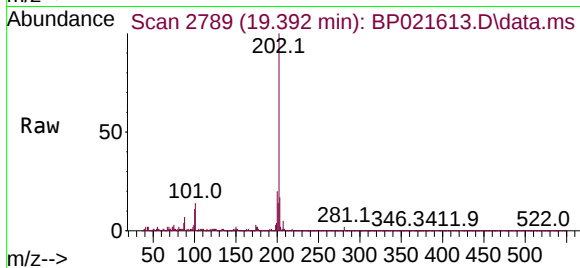
Tgt Ion:202 Resp: 526326

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.0

203 17.0 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.721 min Scan# 3185

Delta R.T. 0.006 min

Lab File: BP021613.D

Acq: 22 Aug 2024 14:21

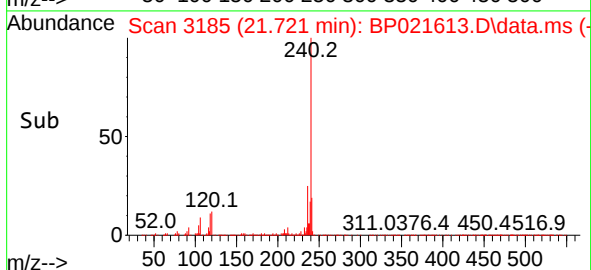
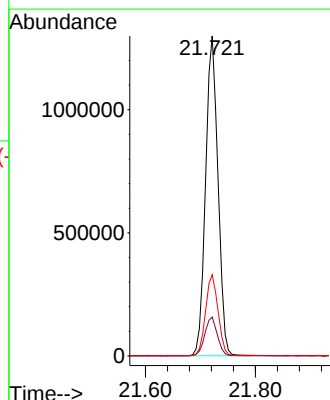
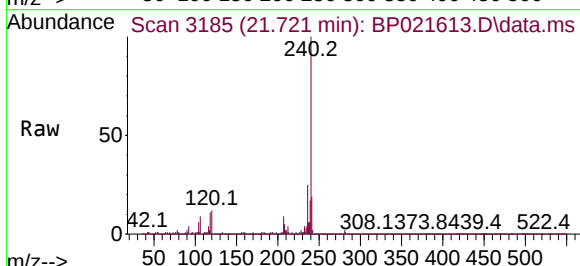
Tgt Ion:240 Resp: 2032283

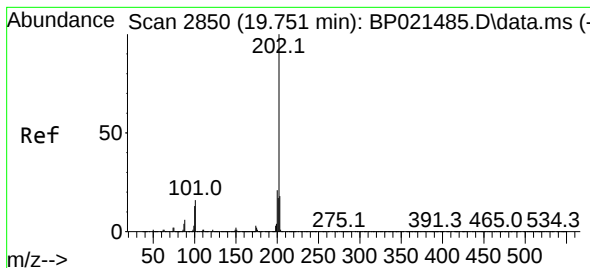
Ion Ratio Lower Upper

240 100

120 12.2 9.9 14.9

236 25.4 20.6 30.8





#78

Pyrene

Concen: 3.690 ng

RT: 19.769 min Scan# 2850

Delta R.T. 0.012 min

Lab File: BP021613.D

Acq: 22 Aug 2024 14:21

Instrument :

BNA_P

ClientSampleId :

S-911-K1-SO-0-0.5-081924-FD

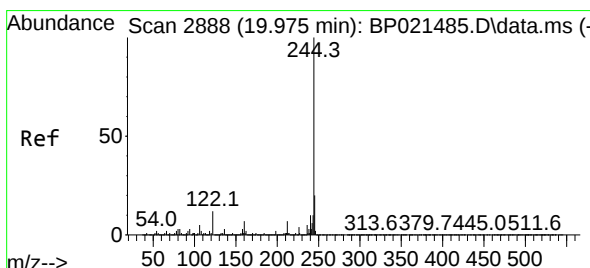
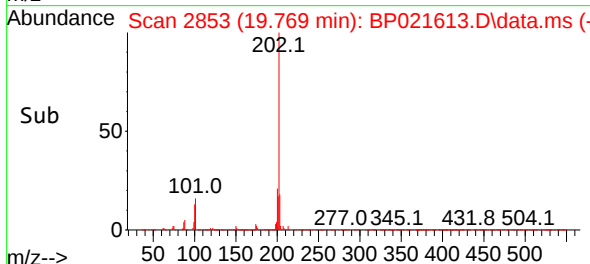
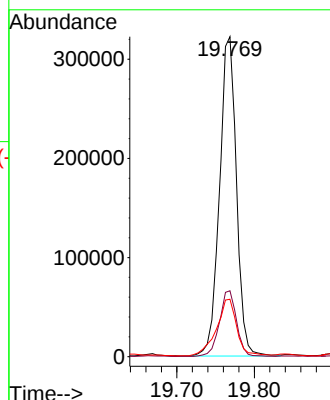
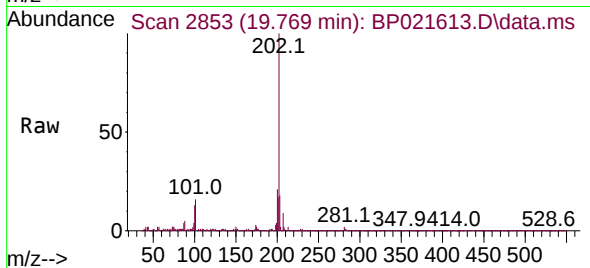
Tgt Ion:202 Resp: 490212

Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 18.0 14.1 21.1



#79

Terphenyl-d14

Concen: 37.680 ng

RT: 19.992 min Scan# 2891

Delta R.T. 0.017 min

Lab File: BP021613.D

Acq: 22 Aug 2024 14:21

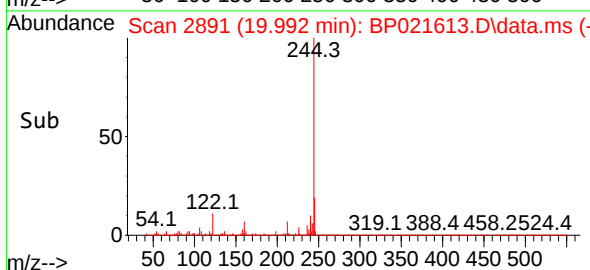
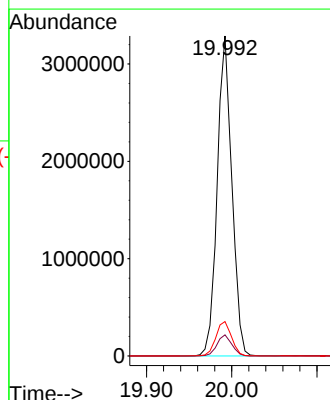
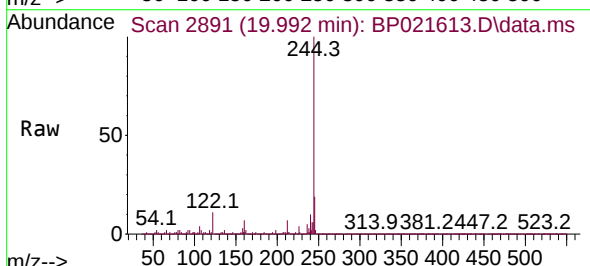
Tgt Ion:244 Resp: 3941742

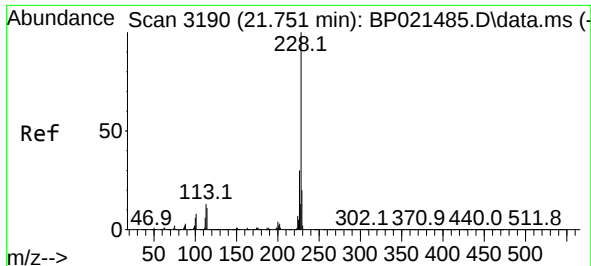
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 10.8 9.4 14.2

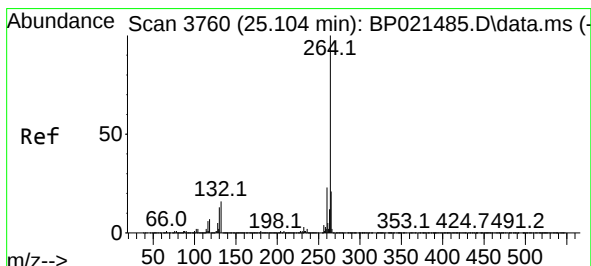
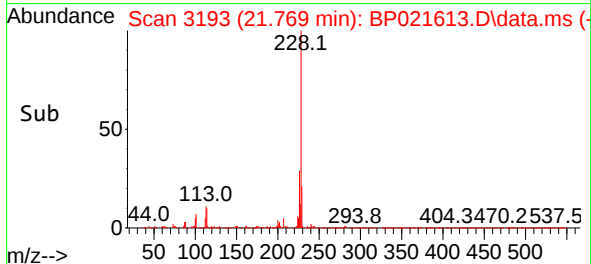
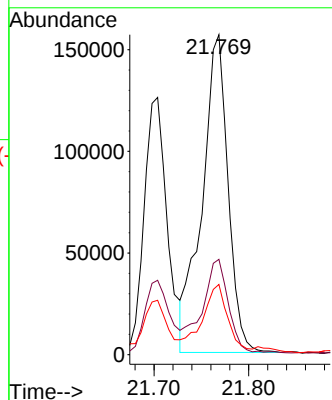
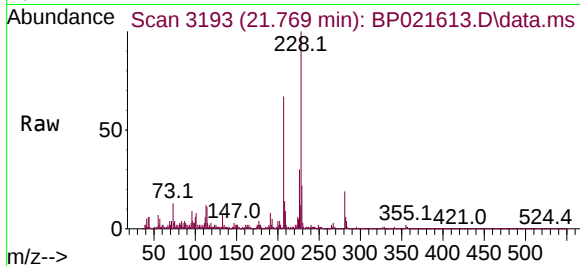




#83
Chrysene
Concen: 2.477 ng
RT: 21.769 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP021613.D
Acq: 22 Aug 2024 14:21

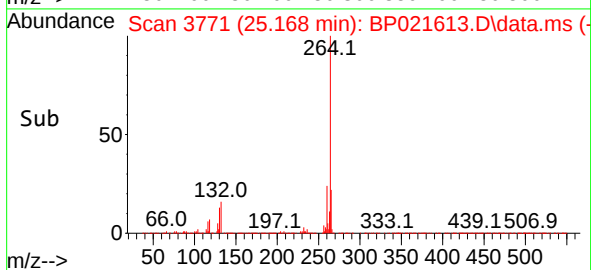
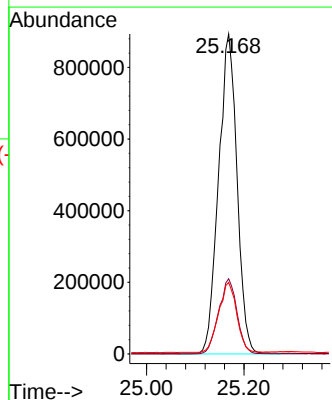
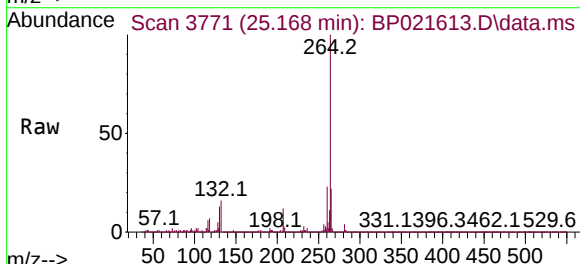
Instrument :
BNA_P
ClientSampleId :
S-911-K1-SO-0-0.5-081924-FD

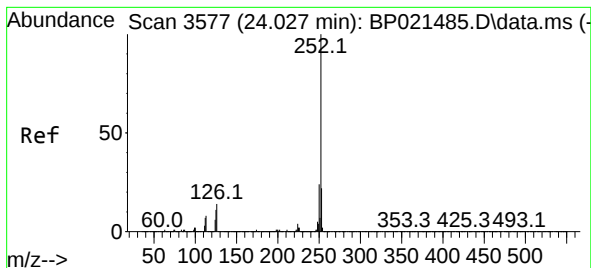
Tgt Ion:228 Resp: 298332
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 21.9 15.8 23.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.168 min Scan# 3771
Delta R.T. 0.017 min
Lab File: BP021613.D
Acq: 22 Aug 2024 14:21

Tgt Ion:264 Resp: 2350318
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 22.3 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 3.103 ng

RT: 24.086 min Scan# 31

Delta R.T. 0.029 min

Lab File: BP021613.D

Acq: 22 Aug 2024 14:21

Instrument :

BNA_P

ClientSampleId :

S-911-K1-SO-0-0.5-081924-FD

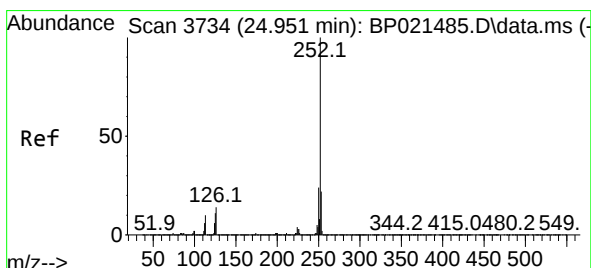
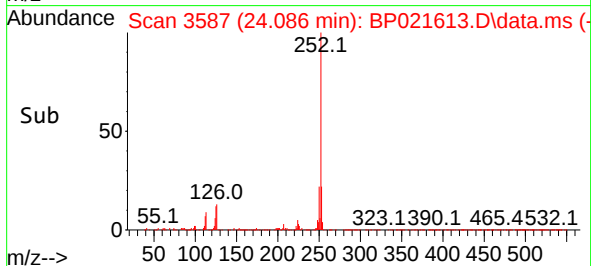
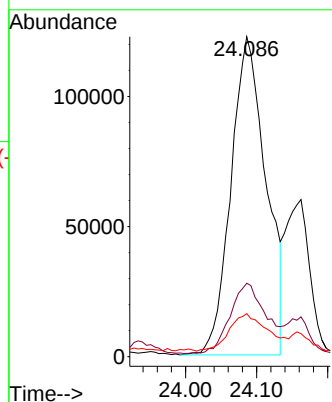
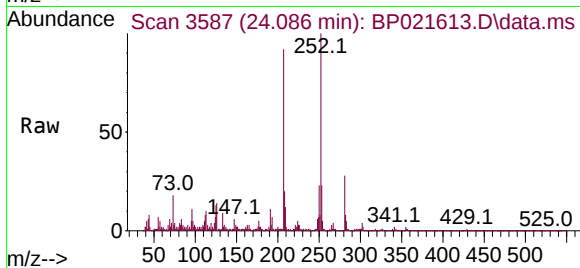
Tgt Ion:252 Resp: 418920

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 13.5 8.6 13.0#



#90

Benzo(a)pyrene

Concen: 2.115 ng

RT: 25.015 min Scan# 3745

Delta R.T. 0.035 min

Lab File: BP021613.D

Acq: 22 Aug 2024 14:21

Tgt Ion:252 Resp: 247733

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 14.3 8.7 13.1#

