

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
 Data File : BP021171.D
 Acq On : 26 Jul 2024 15:08
 Operator : MA/JU
 Sample : P3347-02DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 26 22:46:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

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

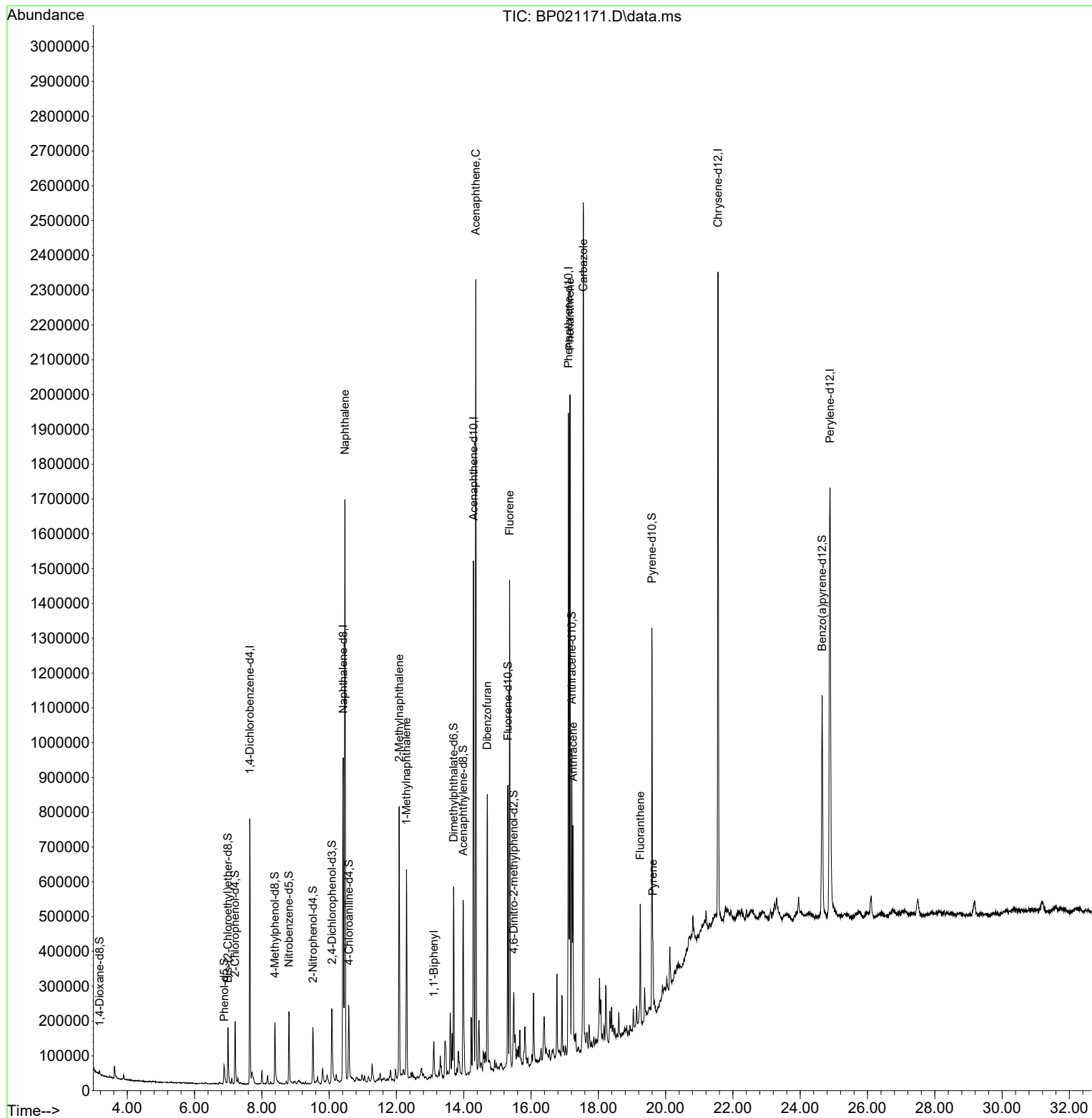
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	205476	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	844869	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.293	164	559141	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	1203643	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1162576	20.000	ng/u1	0.00
88) Perylene-d12	24.886	264	1376694	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	4895	1.084	ng/uL	0.00
4) Pyridine-d5	3.587	84	88	0.007	ng/u1	-0.01
7) Phenol-d5	6.881	99	41253	2.463	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.993	67	72417	7.133	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	94986	6.882	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	76264	5.481	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	46166	7.035	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	55491	7.388	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	101983	7.509	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	69676	3.873	ng/u1	0.02
46) Dimethylphthalate-d6	13.699	166	359958	8.856	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	382201	8.374	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	66	0.011	ng/u1	0.00
60) Fluorene-d10	15.310	176	295711	8.868	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	39679	5.448	ng/u1	0.01
73) Anthracene-d10	17.210	188	467079	8.737	ng/u1	0.00
81) Pyrene-d10	19.592	212	569490	7.923	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	600888	8.850	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.469	128	1434894	32.288	ng/u1	100
36) 2-Methylnaphthalene	12.081	142	355631	11.658	ng/u1	97
37) 1-Methylnaphthalene	12.299	142	267635	8.530	ng/u1	97
43) 1,1'-Biphenyl	13.110	154	58362	1.428	ng/u1	97
52) Acenaphthene	14.357	153	980855	28.598	ng/u1	99
56) Dibenzofuran	14.698	168	534403	11.378	ng/u1	99
61) Fluorene	15.363	166	610197	15.921	ng/u1	99
72) Phenanthrene	17.157	178	1136042	18.194	ng/u1	100
74) Anthracene	17.245	178	405755	6.374	ng/u1	99
77) Carbazole	17.551	167	1706037	32.786	ng/u1	100
80) Fluoranthene	19.245	202	204067	2.351	ng/u1	98
82) Pyrene	19.622	202	125685	1.423	ng/u1	98

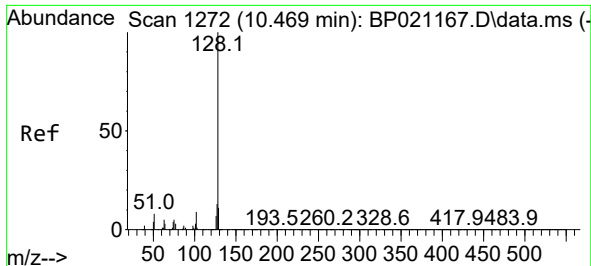
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

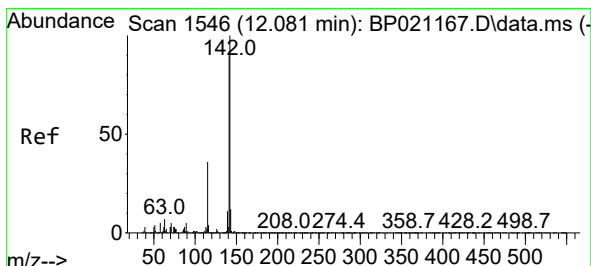
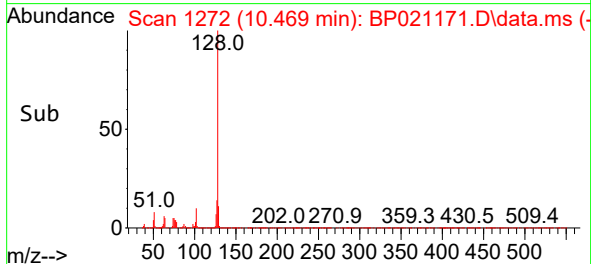
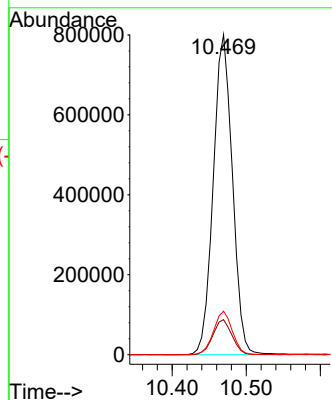
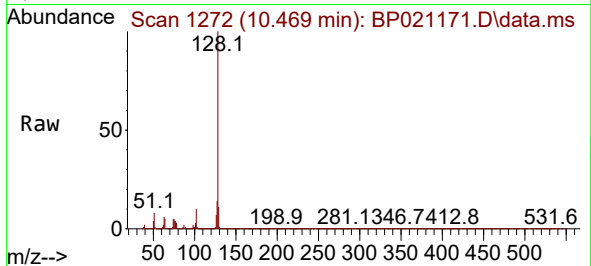




#30
Naphthalene
Concen: 32.288 ng/ul
RT: 10.469 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP021171.D
Acq: 26 Jul 2024 15:08

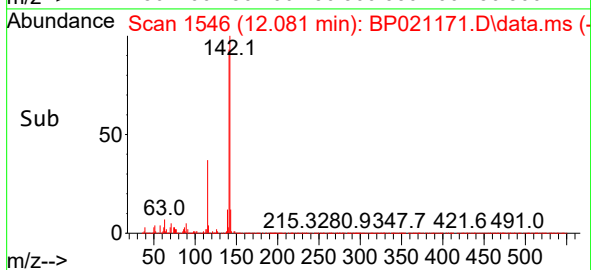
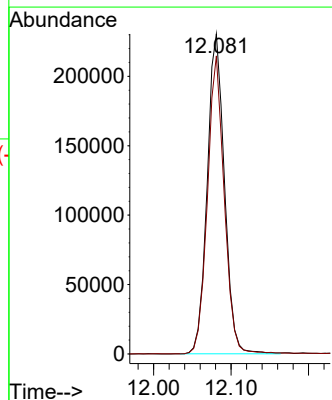
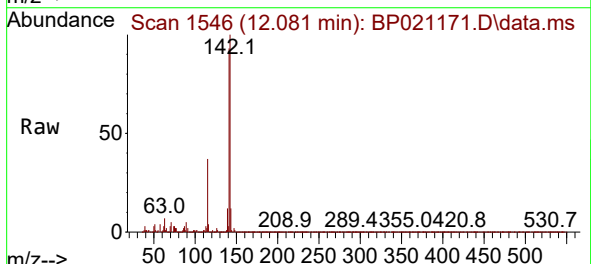
Instrument :
BNA_P
ClientSampleId :

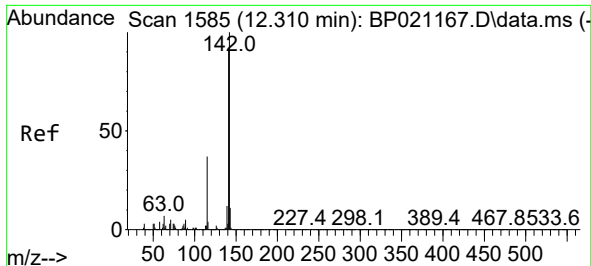
Tgt Ion:128 Resp: 1434894
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.6 10.8 16.2



#36
2-Methylnaphthalene
Concen: 11.658 ng/ul
RT: 12.081 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BP021171.D
Acq: 26 Jul 2024 15:08

Tgt Ion:142 Resp: 355631
Ion Ratio Lower Upper
142 100
141 93.2 72.6 108.8





#37

1-Methylnaphthalene

Concen: 8.530 ng/ul

RT: 12.299 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021171.D

Acq: 26 Jul 2024 15:08

Instrument :

BNA_P

ClientSampleId :

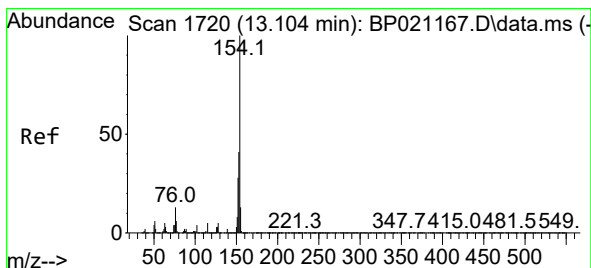
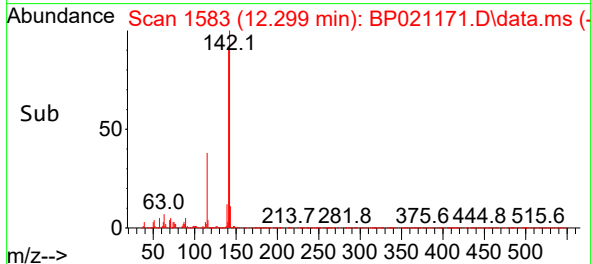
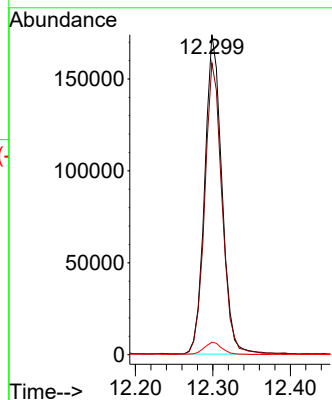
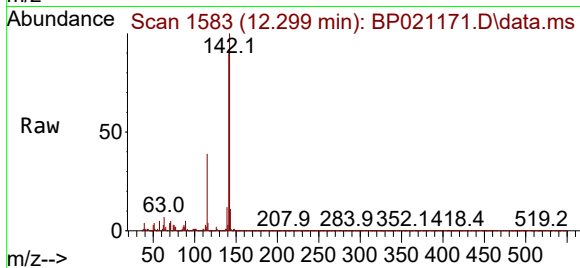
Tgt Ion:142 Resp: 267635

Ion Ratio Lower Upper

142 100

141 91.2 75.0 112.6

116 3.9 3.2 4.8



#43

1,1'-Biphenyl

Concen: 1.428 ng/ul

RT: 13.110 min Scan# 1721

Delta R.T. 0.006 min

Lab File: BP021171.D

Acq: 26 Jul 2024 15:08

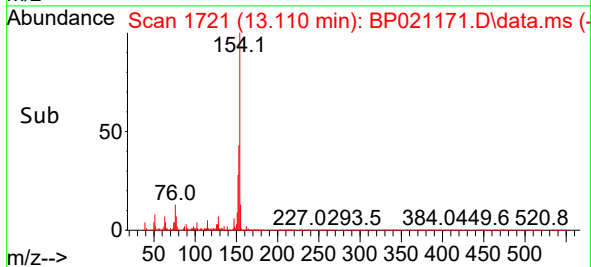
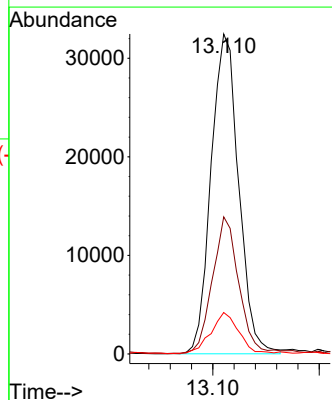
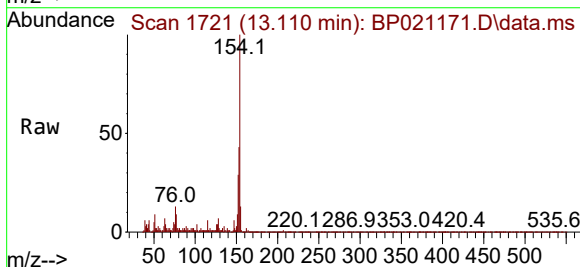
Tgt Ion:154 Resp: 58362

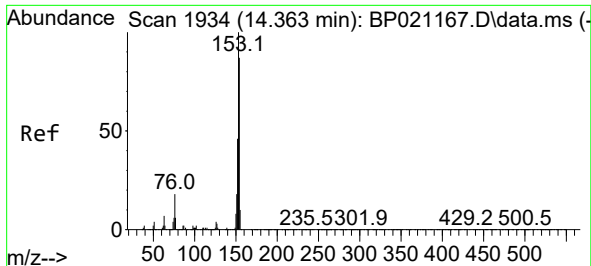
Ion Ratio Lower Upper

154 100

153 42.9 32.7 49.1

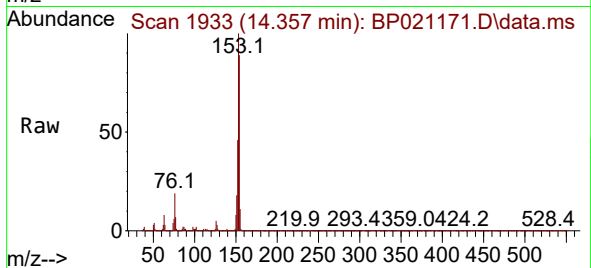
76 12.9 9.4 14.2



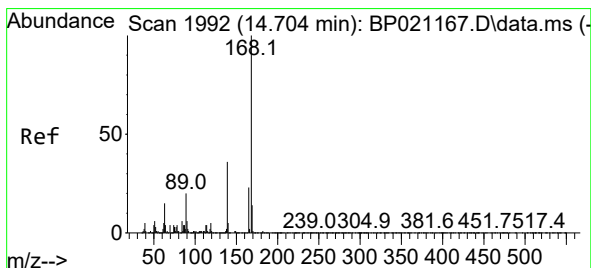
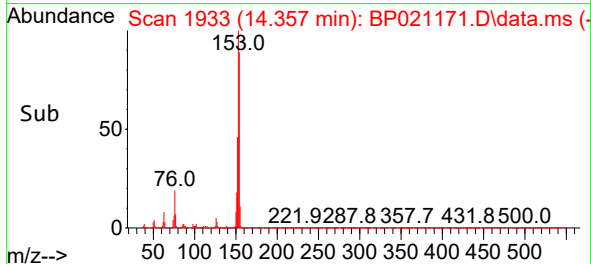
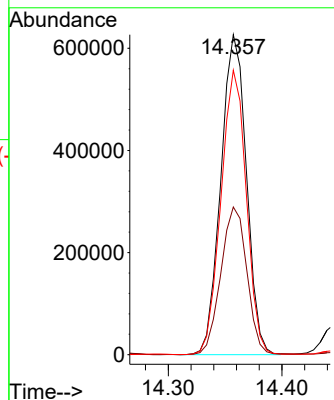


#52
Acenaphthene
Concen: 28.598 ng/ul
RT: 14.357 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BP021171.D
Acq: 26 Jul 2024 15:08

Instrument :
BNA_P
ClientSampleId :

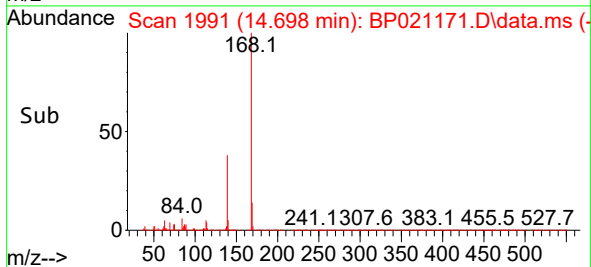
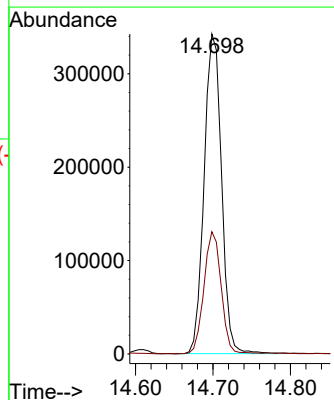
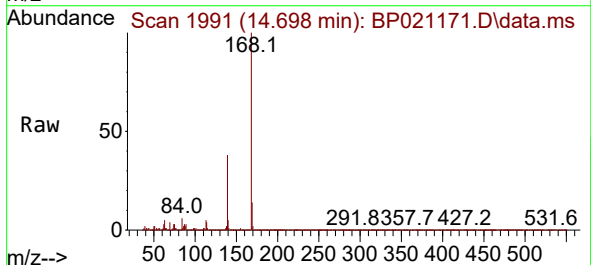


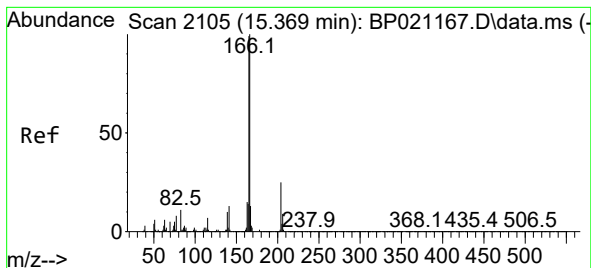
Tgt Ion:153 Resp: 980855
Ion Ratio Lower Upper
153 100
152 46.1 37.8 56.6
154 88.9 71.8 107.6



#56
Dibenzofuran
Concen: 11.378 ng/ul
RT: 14.698 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BP021171.D
Acq: 26 Jul 2024 15:08

Tgt Ion:168 Resp: 534403
Ion Ratio Lower Upper
168 100
139 38.2 31.1 46.7





#61

Fluorene

Concen: 15.921 ng/ul

RT: 15.363 min Scan# 2105

Delta R.T. 0.006 min

Lab File: BP021171.D

Acq: 26 Jul 2024 15:08

Instrument :

BNA_P

ClientSampleId :

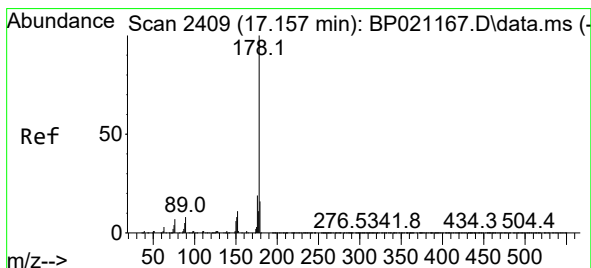
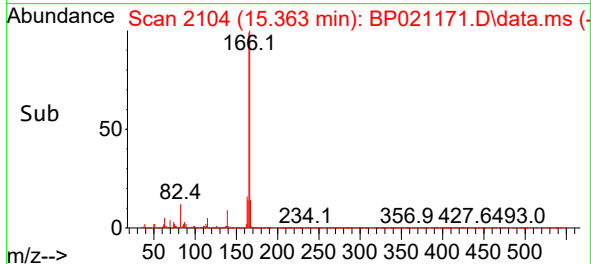
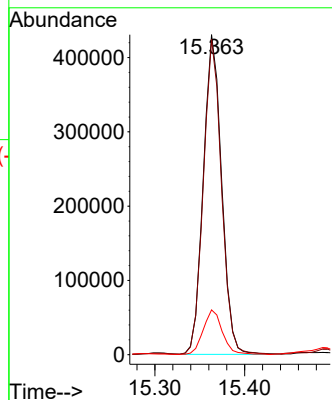
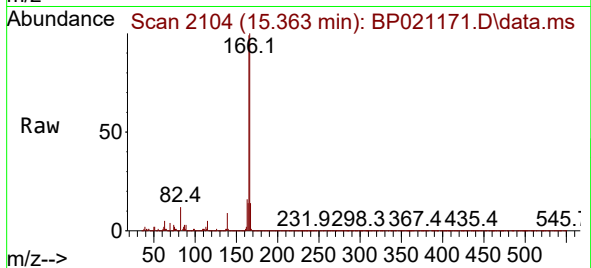
Tgt Ion:166 Resp: 610197

Ion Ratio Lower Upper

166 100

165 98.6 78.1 117.1

167 14.0 10.9 16.3



#72

Phenanthrene

Concen: 18.194 ng/ul

RT: 17.157 min Scan# 2409

Delta R.T. 0.012 min

Lab File: BP021171.D

Acq: 26 Jul 2024 15:08

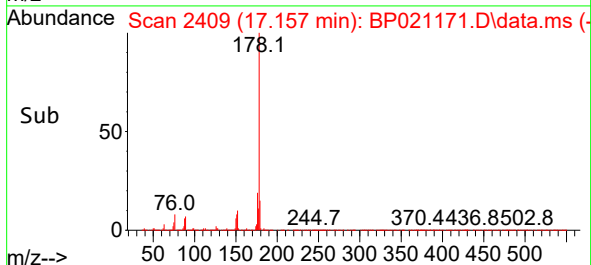
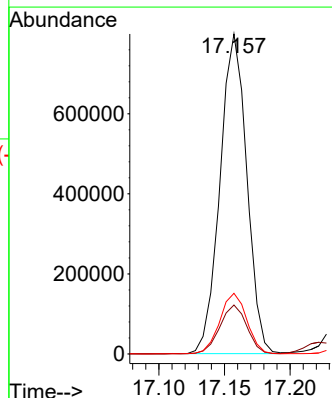
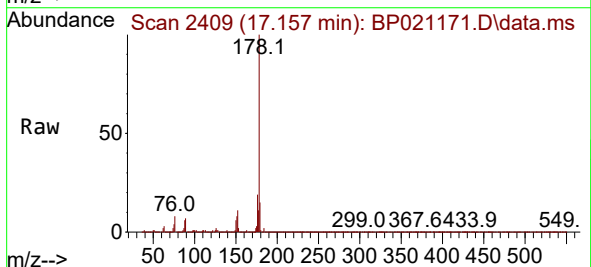
Tgt Ion:178 Resp: 1136042

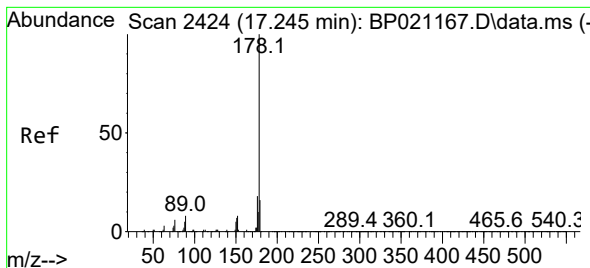
Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 19.0 15.0 22.4





#74

Anthracene

Concen: 6.374 ng/ul

RT: 17.245 min Scan# 2424

Delta R.T. 0.006 min

Lab File: BP021171.D

Acq: 26 Jul 2024 15:08

Instrument :

BNA_P

ClientSampleId :

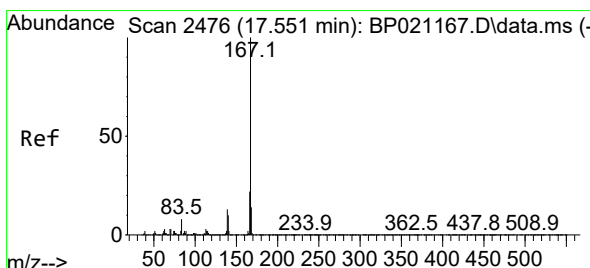
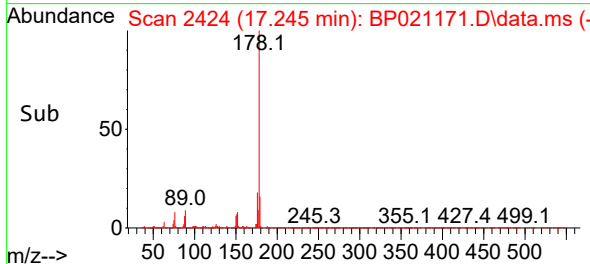
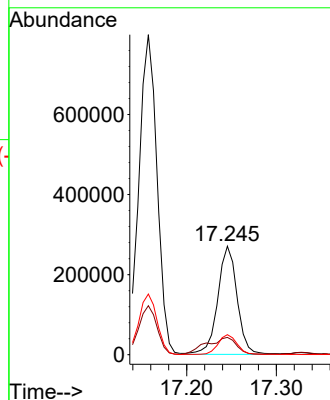
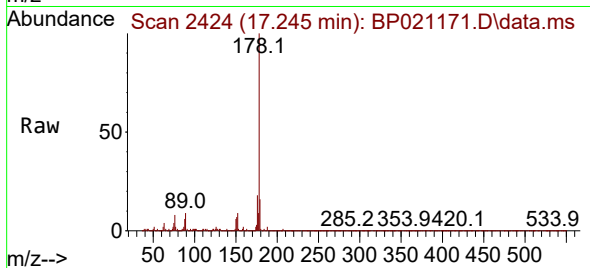
Tgt Ion:178 Resp: 405755

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

176 18.4 14.8 22.2



#77

Carbazole

Concen: 32.786 ng/ul

RT: 17.551 min Scan# 2476

Delta R.T. 0.012 min

Lab File: BP021171.D

Acq: 26 Jul 2024 15:08

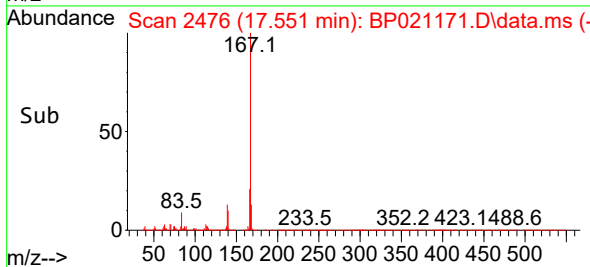
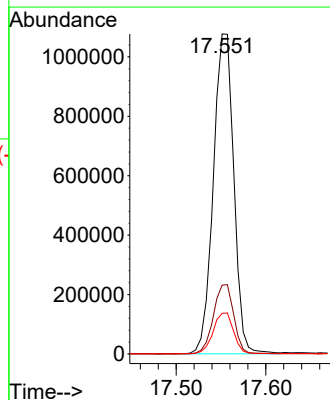
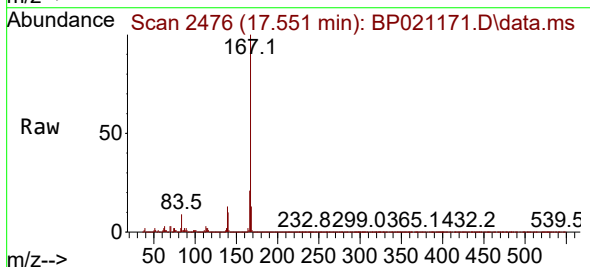
Tgt Ion:167 Resp: 1706037

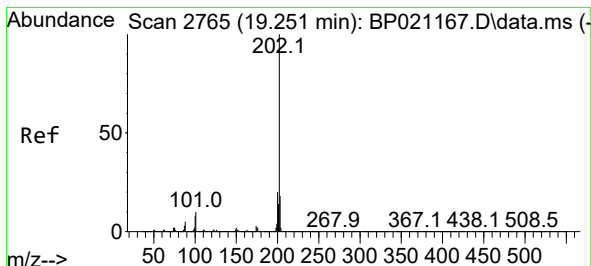
Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.7 10.2 15.2





#80

Fluoranthene

Concen: 2.351 ng/ul

RT: 19.245 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP021171.D

Acq: 26 Jul 2024 15:08

Instrument :

BNA_P

ClientSampleId :

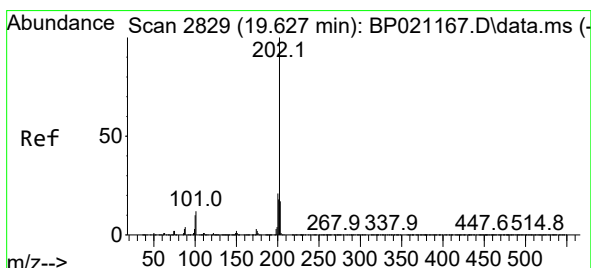
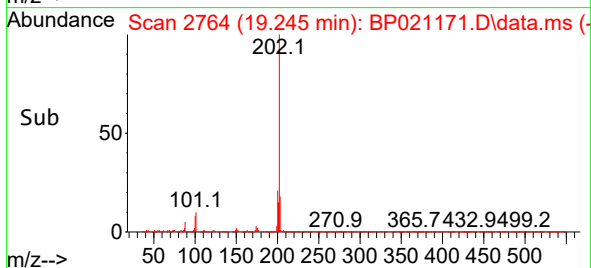
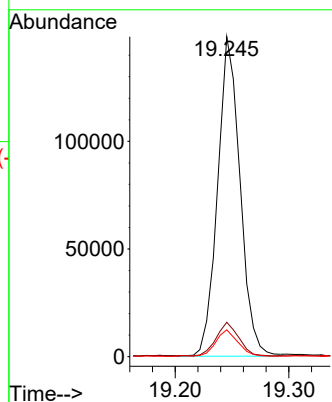
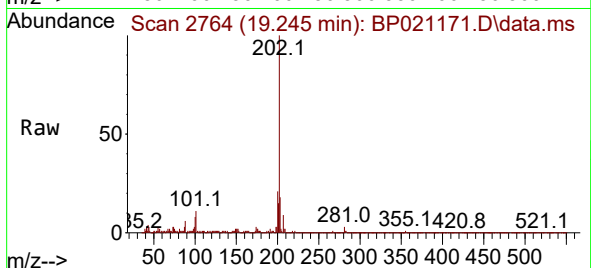
Tgt Ion:202 Resp: 204067

Ion Ratio Lower Upper

202 100

101 10.8 8.0 12.0

100 8.4 6.1 9.1



#82

Pyrene

Concen: 1.423 ng/ul

RT: 19.622 min Scan# 2828

Delta R.T. 0.006 min

Lab File: BP021171.D

Acq: 26 Jul 2024 15:08

Tgt Ion:202 Resp: 125685

Ion Ratio Lower Upper

202 100

101 12.1 9.4 14.2

100 10.6 7.8 11.6

