

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091223\
 Data File : BP017126.D
 Acq On : 12 Sep 2023 20:42
 Operator : MA/JU
 Sample : 04247-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 00:53:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:27:27 2023
 Response via : Initial Calibration

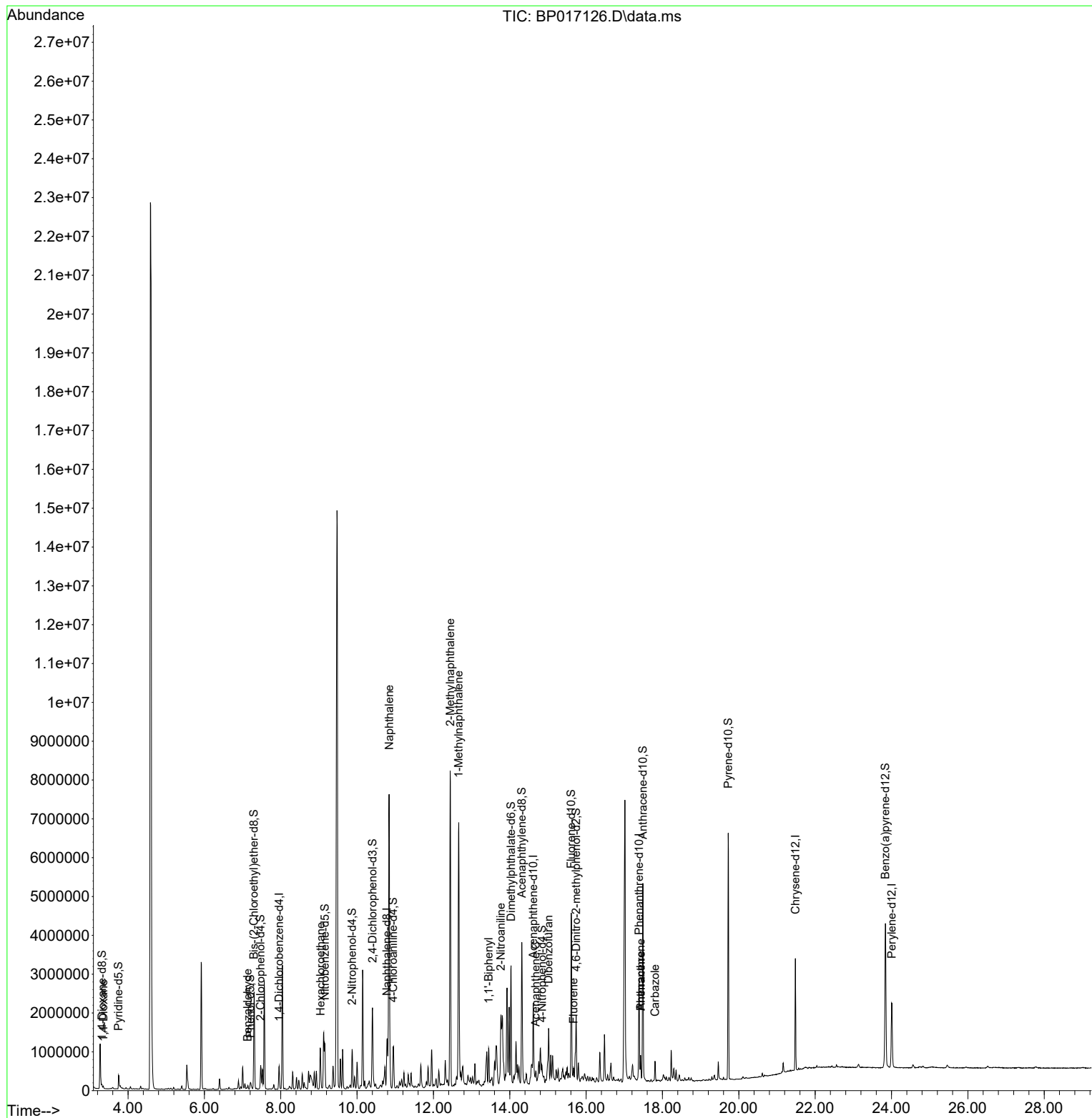
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	134578	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	824107	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	621395	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.387	188	1377389	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1304484	20.000	ng/u1	0.00
88) Perylene-d12	24.004	264	1322244	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	39250	12.256	ng/uL	0.00
4) Pyridine-d5	3.752	84	212882	23.237	ng/u1	0.00
7) Phenol-d5	7.205	99	160136	14.634	ng/u1	0.10
9) Bis-(2-Chloroethyl)eth...	7.299	67	415498	60.749	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	225755	25.860	ng/u1	0.00
15) 4-Methylphenol-d8	8.664	113	6505	0.717	ng/u1	0.00
21) Nitrobenzene-d5	9.158	128	292228	50.641	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	289462	46.986	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.405	165	572810	48.078	ng/u1	0.01
31) 4-Chloroaniline-d4	10.946	131	446055	24.839	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	1957120	44.259	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	2063759	41.131	ng/u1	0.00
54) 4-Nitrophenol-d4	14.846	143	86936	10.172	ng/u1	0.01
60) Fluorene-d10	15.610	176	1660443	43.428	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	331122	43.028	ng/u1	0.00
73) Anthracene-d10	17.487	188	2632633	44.985	ng/u1	0.00
81) Pyrene-d10	19.722	212	3287309	48.051	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	2888576	46.286	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	27937	8.113	ng/uL	99
6) Benzaldehyde	7.134	77	7169	1.177	ng/u1#	1
19) Hexachloroethane	9.046	117	127561	35.003	ng/u1#	8
30) Naphthalene	10.840	128	6243162	149.709	ng/u1	99
36) 2-Methylnaphthalene	12.440	142	3849007	136.785	ng/u1	100
37) 1-Methylnaphthalene	12.663	142	2969142	104.241	ng/u1	99
43) 1,1'-Biphenyl	13.446	154	231686	5.200	ng/u1	99
45) 2-Nitroaniline	13.769	65	30232	3.154	ng/u1#	26
52) Acenaphthene	14.681	153	93071	2.426	ng/u1	93
56) Dibenzofuran	15.016	168	91387	1.724	ng/u1	93
61) Fluorene	15.669	166	112603	2.569	ng/u1	99
72) Phenanthrene	17.428	178	352686	5.095	ng/u1	100
74) Anthracene	17.428	178	352862	5.033	ng/u1	99
77) Carbazole	17.804	167	319910	5.197	ng/u1	99

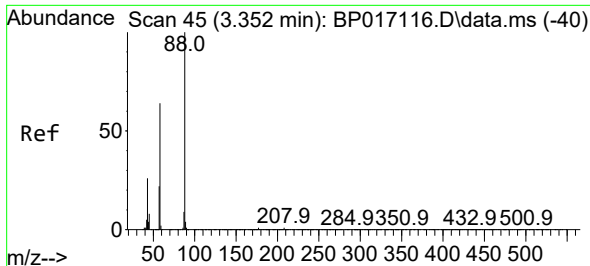
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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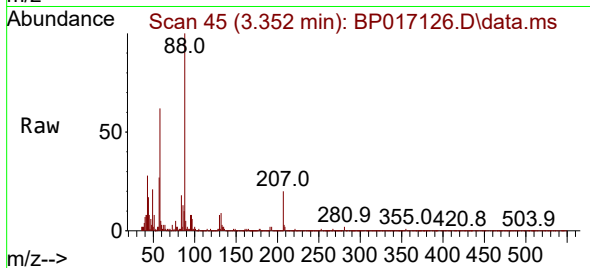
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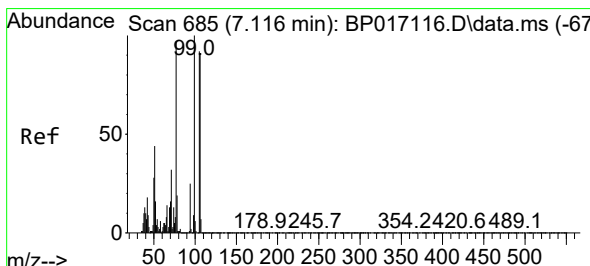
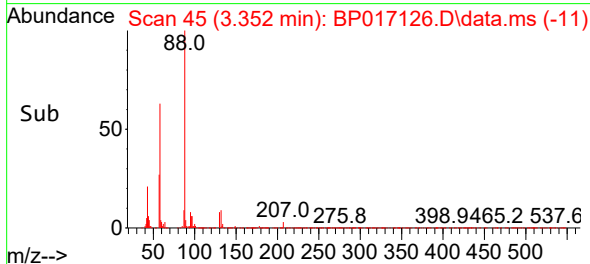
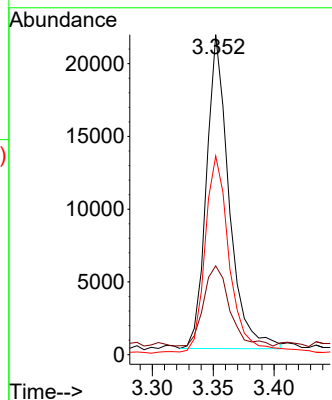
#2
1,4-Dioxane
Concen: 8.113 ng/uL
RT: 3.352 min Scan# 45
Delta R.T. 0.000 min
Lab File: BP017126.D
Acq: 12 Sep 2023 20:42

Instrument :
BNA_P
ClientSampleId :



Tgt Ion: 88 Resp: 27937

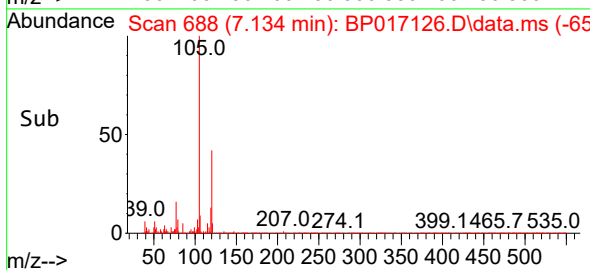
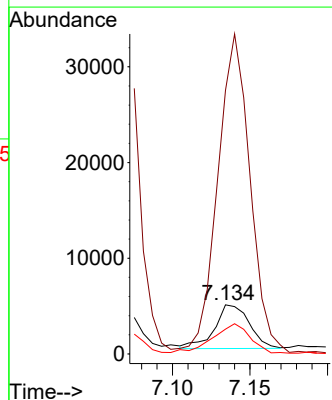
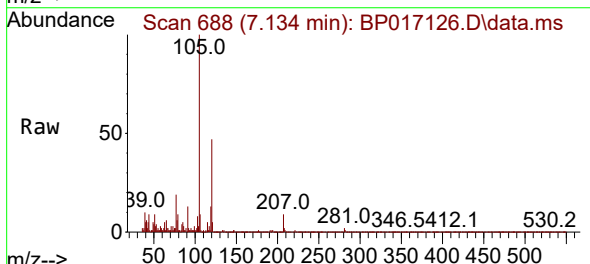
Ion	Ratio	Lower	Upper
88	100		
43	27.7	21.9	32.9
58	62.1	50.8	76.2

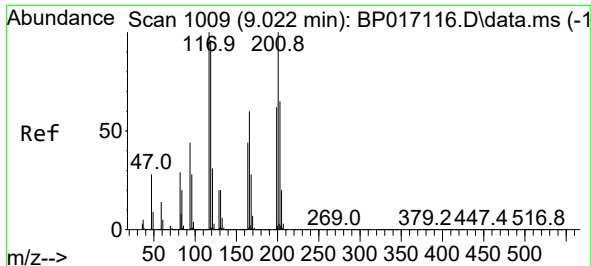


#6
Benzaldehyde
Concen: 1.177 ng/uL
RT: 7.134 min Scan# 688
Delta R.T. 0.018 min
Lab File: BP017126.D
Acq: 12 Sep 2023 20:42

Tgt Ion: 77 Resp: 7169

Ion	Ratio	Lower	Upper
77	100		
105	536.5	75.3	112.9#
106	50.7	74.6	111.8#





#19

Hexachloroethane

Concen: 35.003 ng/ul

RT: 9.046 min Scan# 1013

Delta R.T. 0.024 min

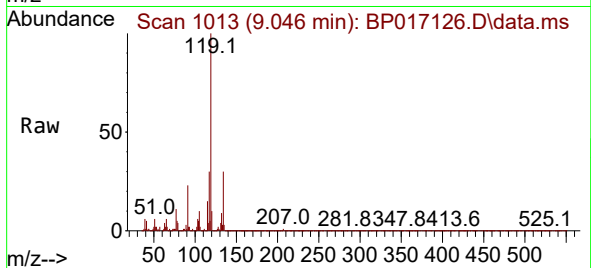
Lab File: BP017126.D

Acq: 12 Sep 2023 20:42

Instrument :

BNA_P

ClientSampleId :



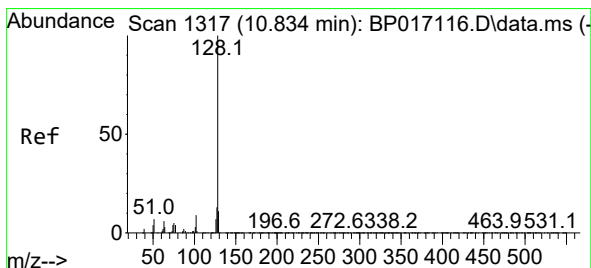
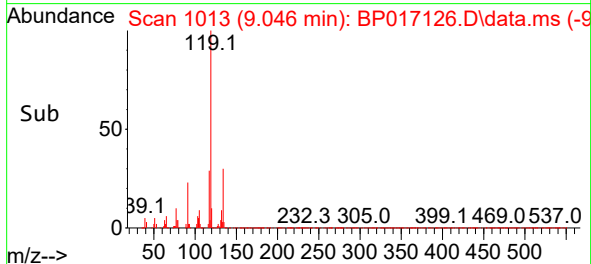
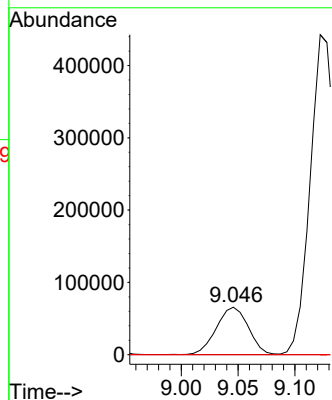
Tgt Ion:117 Resp: 127561

Ion Ratio Lower Upper

117 100

201 0.0 79.9 119.9#

199 0.0 49.4 74.2#



#30

Naphthalene

Concen: 149.709 ng/ul

RT: 10.840 min Scan# 1318

Delta R.T. 0.006 min

Lab File: BP017126.D

Acq: 12 Sep 2023 20:42

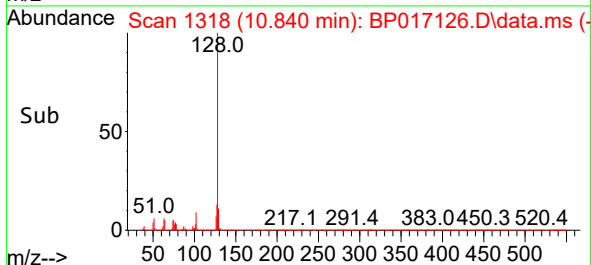
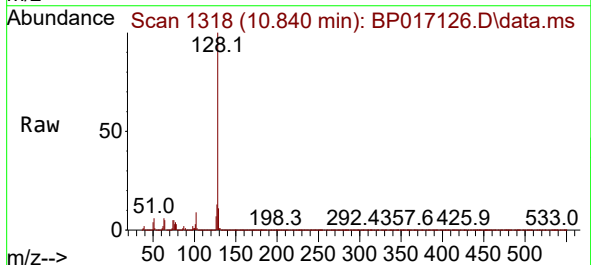
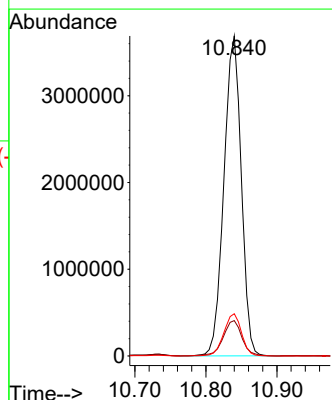
Tgt Ion:128 Resp: 6243162

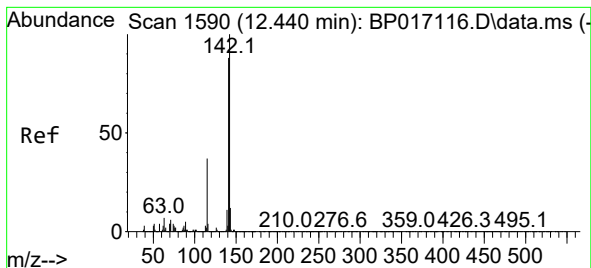
Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.2 10.4 15.6

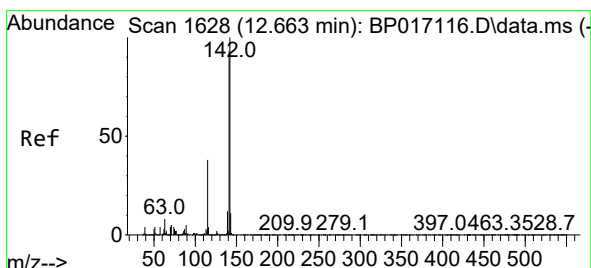
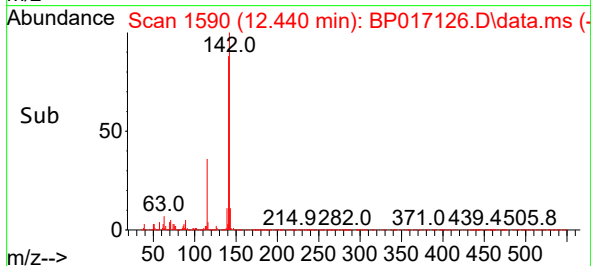
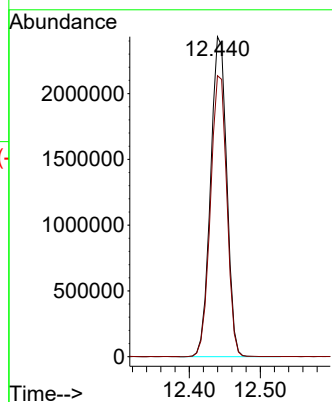
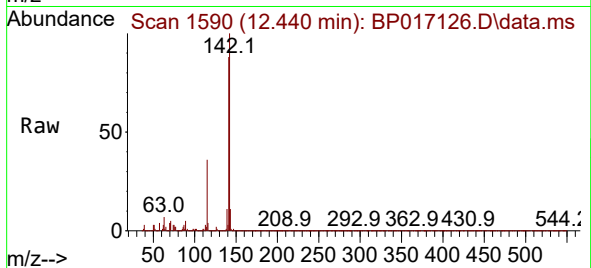




#36
2-Methylnaphthalene
Concen: 136.785 ng/ul
RT: 12.440 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BP017126.D
Acq: 12 Sep 2023 20:42

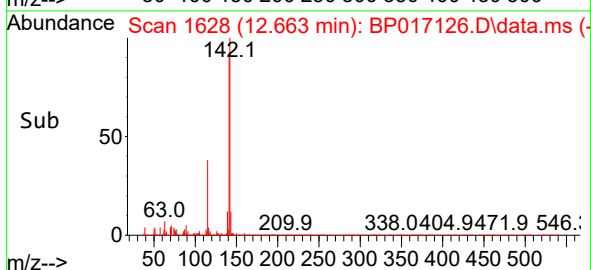
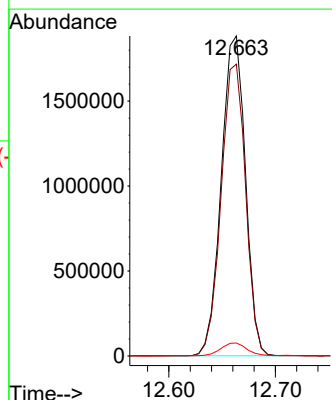
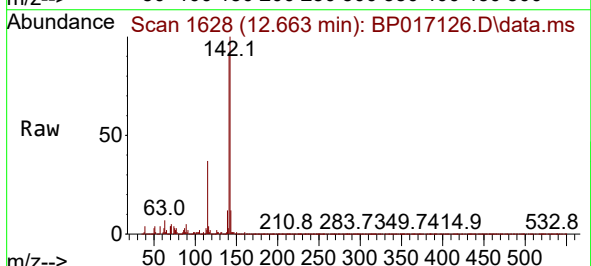
Instrument :
BNA_P
ClientSampleId :

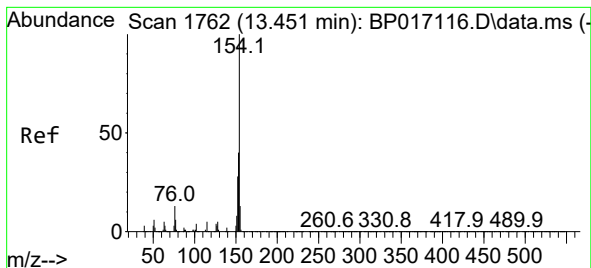
Tgt Ion:142 Resp: 3849007
Ion Ratio Lower Upper
142 100
141 87.8 70.1 105.1



#37
1-Methylnaphthalene
Concen: 104.241 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BP017126.D
Acq: 12 Sep 2023 20:42

Tgt Ion:142 Resp: 2969142
Ion Ratio Lower Upper
142 100
141 91.2 74.1 111.1
116 4.1 3.1 4.7





#43

1,1'-Biphenyl

Concen: 5.200 ng/ul

RT: 13.446 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017126.D

Acq: 12 Sep 2023 20:42

Instrument :

BNA_P

ClientSampleId :

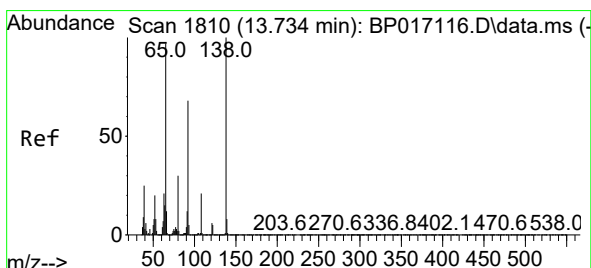
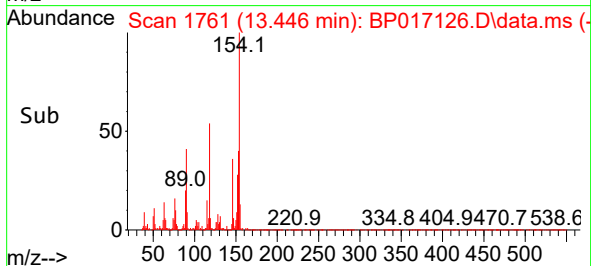
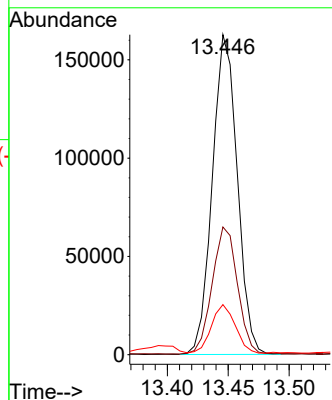
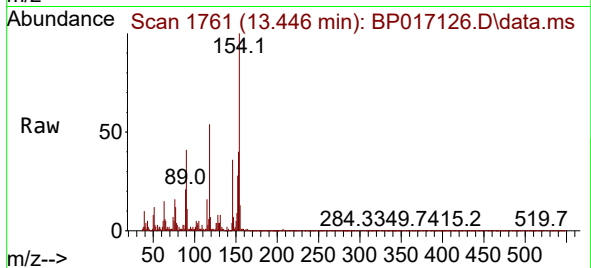
Tgt Ion:154 Resp: 231686

Ion Ratio Lower Upper

154 100

153 39.9 31.8 47.8

76 15.6 10.8 16.2



#45

2-Nitroaniline

Concen: 3.154 ng/ul

RT: 13.769 min Scan# 1816

Delta R.T. 0.036 min

Lab File: BP017126.D

Acq: 12 Sep 2023 20:42

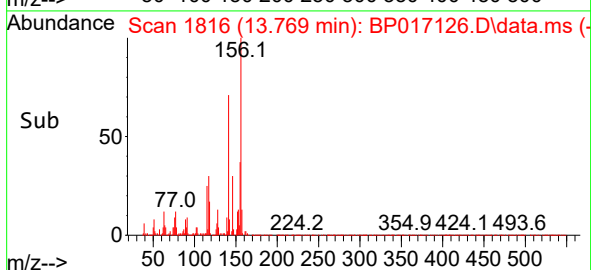
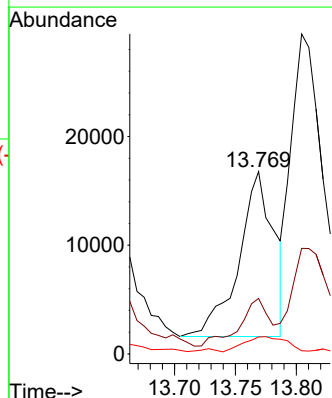
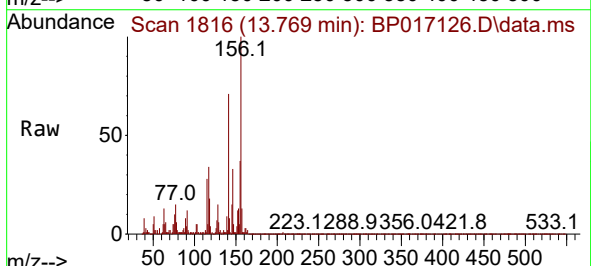
Tgt Ion: 65 Resp: 30232

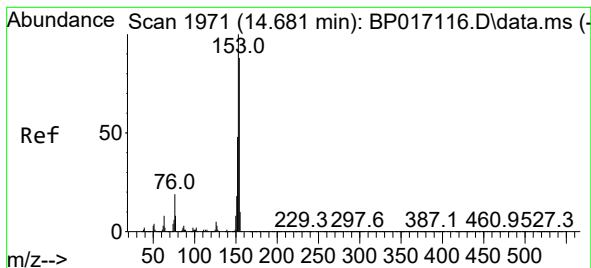
Ion Ratio Lower Upper

65 100

92 30.5 55.6 83.4#

138 9.3 82.2 123.2#





#52

Acenaphthene

Concen: 2.426 ng/ul

RT: 14.681 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BP017126.D

Acq: 12 Sep 2023 20:42

Instrument :

BNA_P

ClientSampleId :

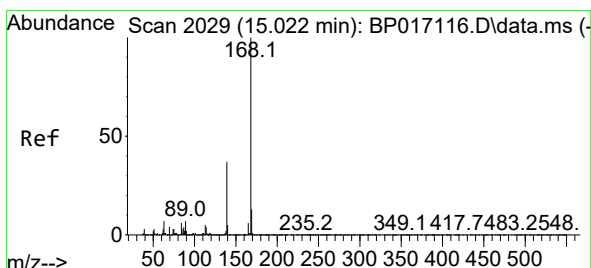
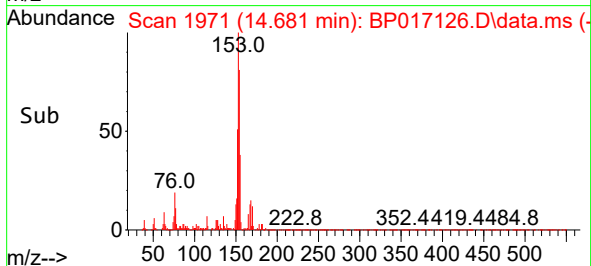
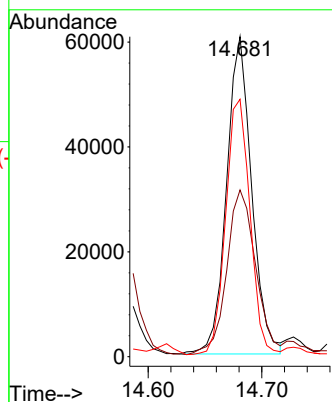
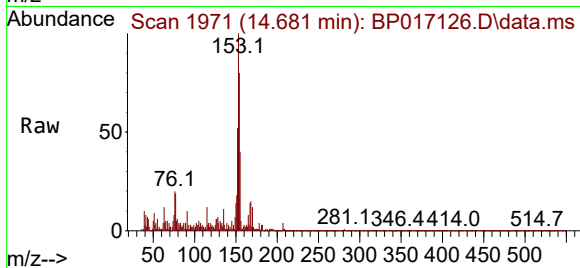
Tgt Ion:153 Resp: 93071

Ion Ratio Lower Upper

153 100

152 52.1 38.6 57.8

154 80.4 70.4 105.6



#56

Dibenzofuran

Concen: 1.724 ng/ul

RT: 15.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BP017126.D

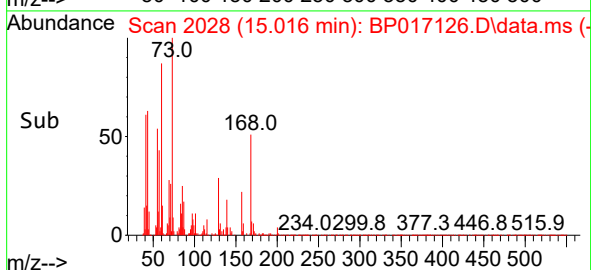
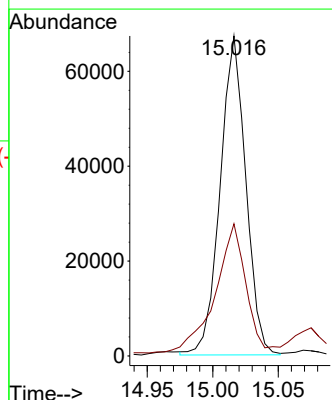
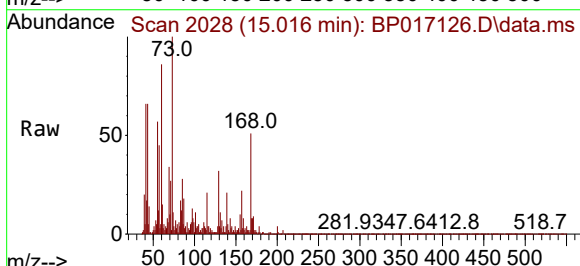
Acq: 12 Sep 2023 20:42

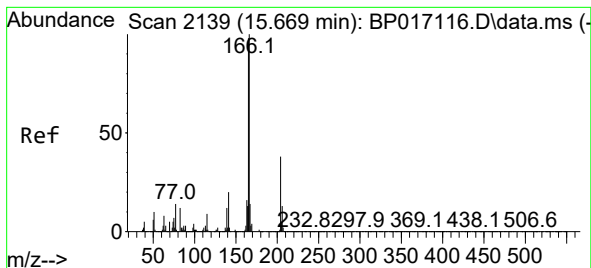
Tgt Ion:168 Resp: 91387

Ion Ratio Lower Upper

168 100

139 41.3 29.9 44.9





#61

Fluorene

Concen: 2.569 ng/ul

RT: 15.669 min Scan# 2139

Delta R.T. 0.000 min

Lab File: BP017126.D

Acq: 12 Sep 2023 20:42

Instrument :

BNA_P

ClientSampleId :

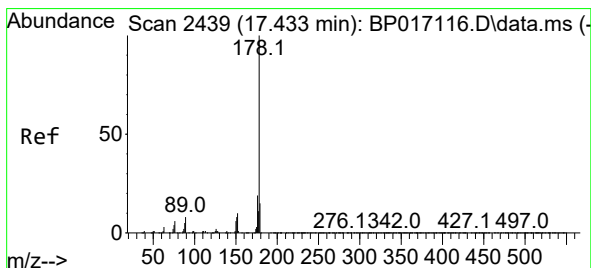
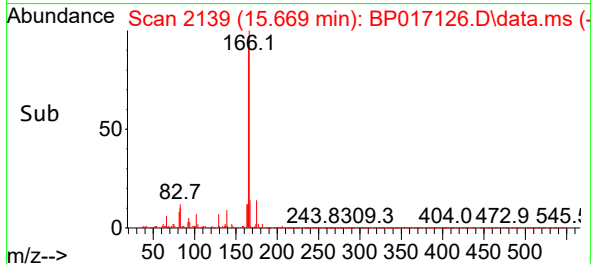
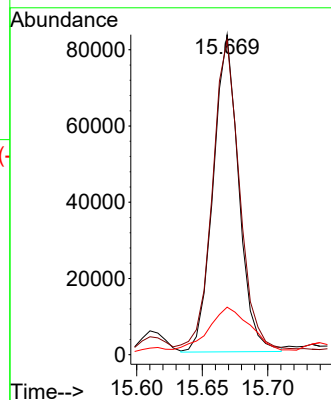
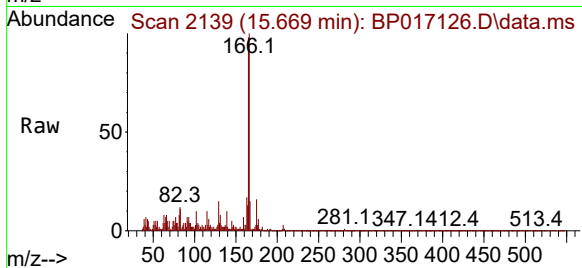
Tgt Ion:166 Resp: 112603

Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.2

167 14.8 11.0 16.4



#72

Phenanthrene

Concen: 5.095 ng/ul

RT: 17.428 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BP017126.D

Acq: 12 Sep 2023 20:42

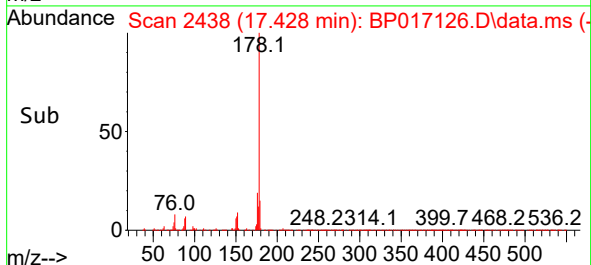
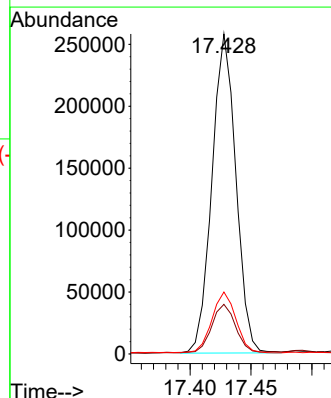
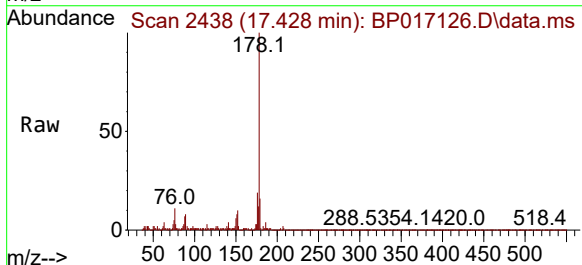
Tgt Ion:178 Resp: 352686

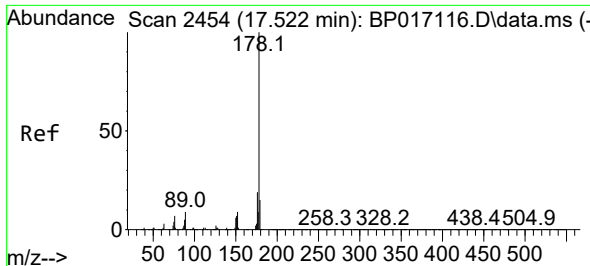
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

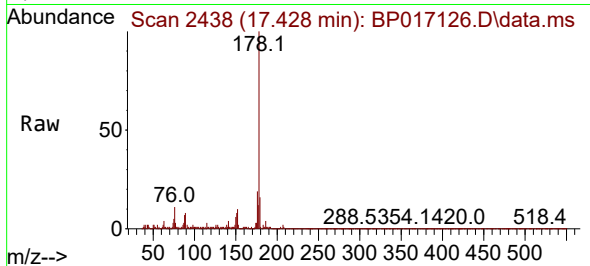
176 19.4 15.6 23.4



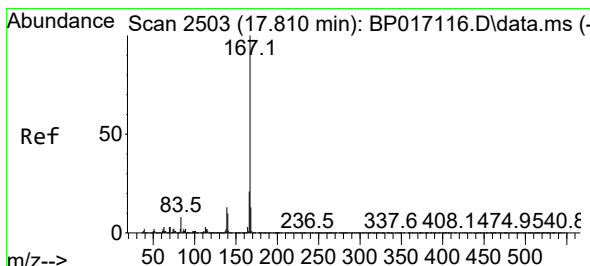
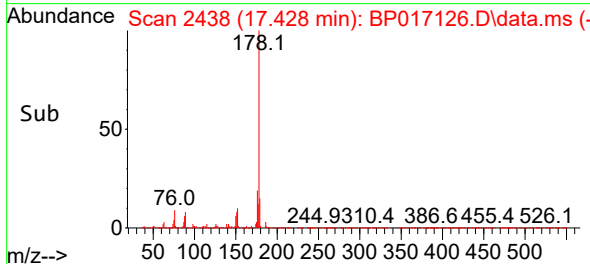
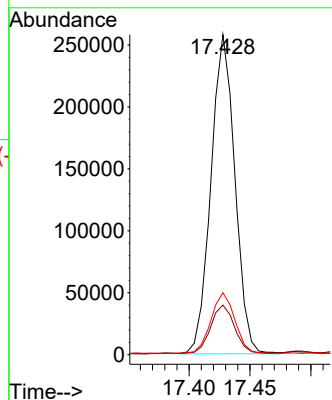


#74
 Anthracene
 Concen: 5.033 ng/ul
 RT: 17.428 min Scan# 2454
 Delta R.T. -0.094 min
 Lab File: BP017126.D
 Acq: 12 Sep 2023 20:42

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:178 Resp: 352862
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.4 18.6
 176 19.4 14.9 22.3



#77
 Carbazole
 Concen: 5.197 ng/ul
 RT: 17.804 min Scan# 2502
 Delta R.T. -0.006 min
 Lab File: BP017126.D
 Acq: 12 Sep 2023 20:42

Tgt Ion:167 Resp: 319910
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.7 10.4 15.6

