

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113022\
 Data File : BP012884.D
 Acq On : 30 Nov 2022 17:48
 Operator : CG/JU
 Sample : N5725-08DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHB64DL

Quant Time: Nov 30 21:56:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 29 22:53:34 2022
 Response via : Initial Calibration

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

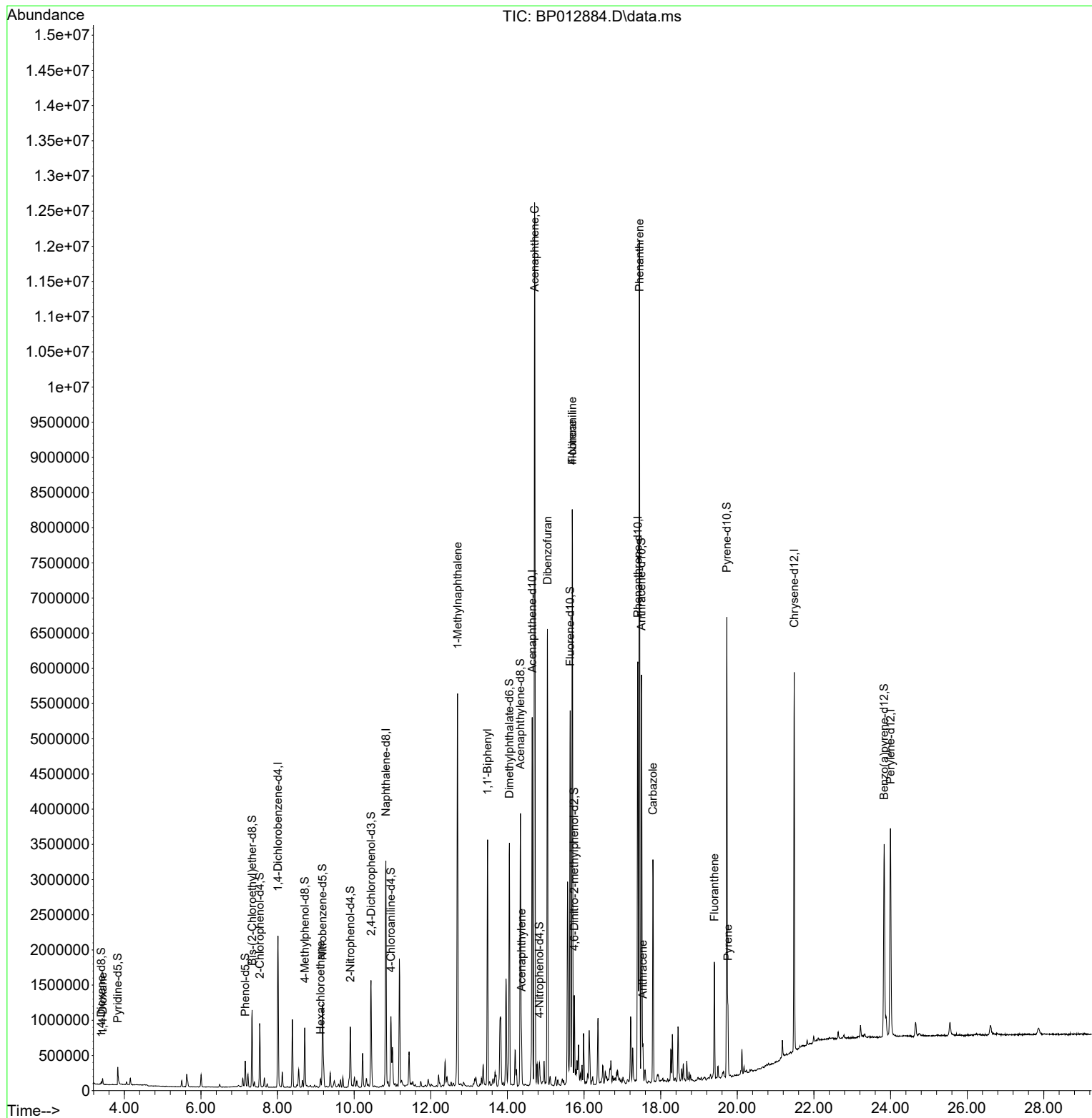
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	590794	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	2713656	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	1831197	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	3759938	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	2673511	20.000	ng/u1	0.00
88) Perylene-d12	23.998	264	2268257	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	17692	1.283	ng/uL	0.00
4) Pyridine-d5	3.828	84	140566	3.407	ng/u1	0.01
7) Phenol-d5	7.158	99	180662	3.721	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	470804	15.738	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	419575	11.342	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	309374	7.909	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	280349	16.879	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	261065	14.803	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	548237	13.323	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	557102	9.887	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2315339	18.369	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	2485505	16.900	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	54796	2.438	ng/u1	0.00
60) Fluorene-d10	15.640	176	2087527	18.911	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	254953	14.187	ng/u1	0.00
73) Anthracene-d10	17.498	188	3213800	19.418	ng/u1	0.00
81) Pyrene-d10	19.728	212	3381591	21.768	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	2111359	18.950	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	41008	2.770	ng/uL	93
19) Hexachloroethane	9.122	117	20365	1.320	ng/u1#	5
37) 1-Methylnaphthalene	12.698	142	2650617	27.028	ng/u1	99
43) 1,1'-Biphenyl	13.481	154	1807735	13.551	ng/u1	99
50) Acenaphthylene	14.369	152	276828	1.721	ng/u1#	96
52) Acenaphthene	14.710	153	5290150	46.726	ng/u1	98
56) Dibenzofuran	15.045	168	4419831	28.322	ng/u1	100
61) Fluorene	15.692	166	3709652	29.642	ng/u1	99
63) 4-Nitroaniline	15.692	138	37376	1.831	ng/u1#	24
72) Phenanthrene	17.445	178	7192626	35.893	ng/u1	99
74) Anthracene	17.534	178	339739	1.714	ng/u1	98
77) Carbazole	17.798	167	1945210	11.599	ng/u1	99
80) Fluoranthene	19.404	202	1001483	5.183	ng/u1	99
82) Pyrene	19.757	202	579404	2.899	ng/u1	97

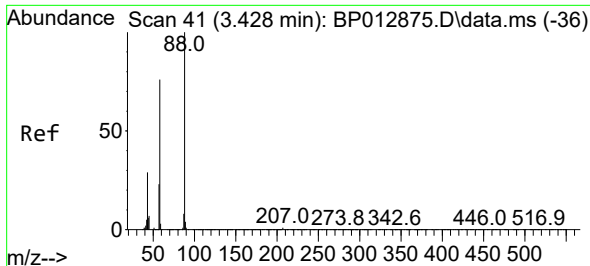
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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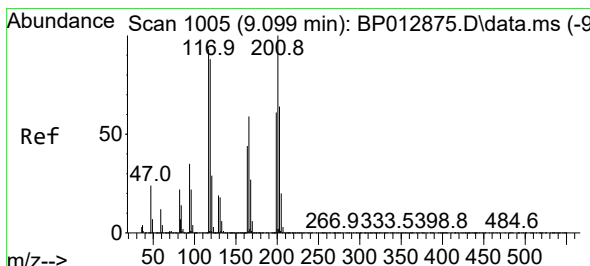
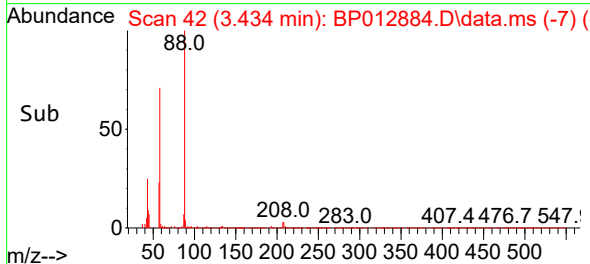
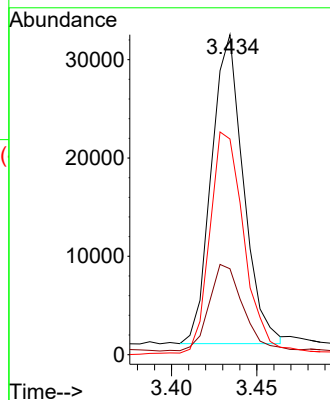
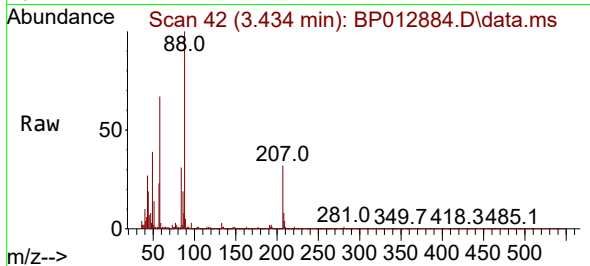




#2
 1,4-Dioxane
 Concen: 2.770 ng/uL
 RT: 3.434 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BP012884.D
 Acq: 30 Nov 2022 17:48

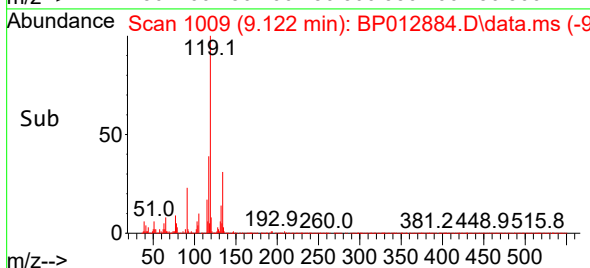
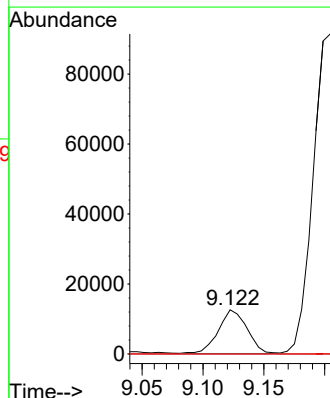
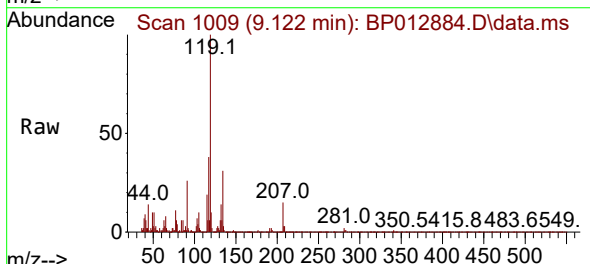
Instrument :
 BNA_P
 ClientSampleId :
 BHB64DL

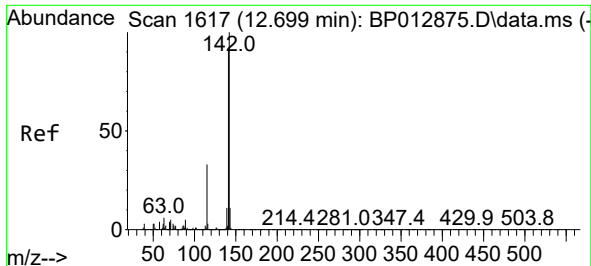
Tgt Ion: 88 Resp: 41008
 Ion Ratio Lower Upper
 88 100
 43 26.8 22.6 34.0
 58 67.4 59.6 89.4



#19
 Hexachloroethane
 Concen: 1.320 ng/uL
 RT: 9.122 min Scan# 1009
 Delta R.T. 0.018 min
 Lab File: BP012884.D
 Acq: 30 Nov 2022 17:48

Tgt Ion: 117 Resp: 20365
 Ion Ratio Lower Upper
 117 100
 201 0.1 85.7 128.5#
 199 0.0 52.9 79.3#





#37

1-Methylnaphthalene

Concen: 27.028 ng/ul

RT: 12.698 min Scan# 1617

Delta R.T. 0.000 min

Lab File: BP012884.D

Acq: 30 Nov 2022 17:48

Instrument :

BNA_P

ClientSampleId :

BHB64DL

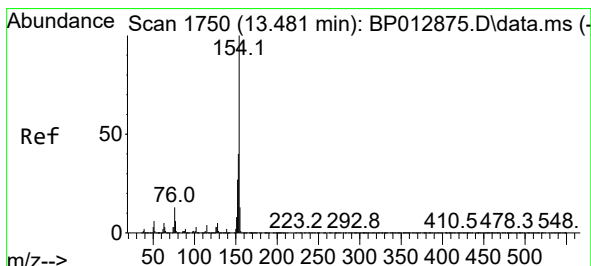
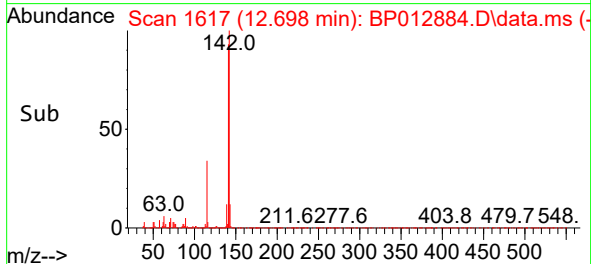
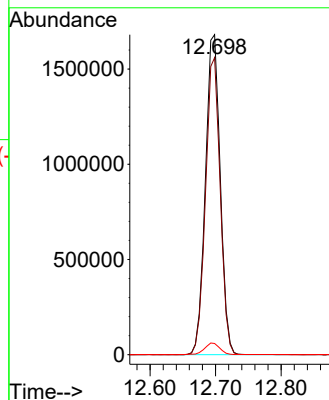
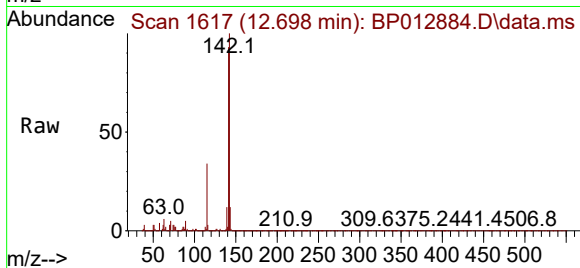
Tgt Ion:142 Resp: 2650617

Ion Ratio Lower Upper

142 100

141 92.8 73.3 109.9

116 3.5 2.9 4.3



#43

1,1'-Biphenyl

Concen: 13.551 ng/ul

RT: 13.481 min Scan# 1750

Delta R.T. 0.000 min

Lab File: BP012884.D

Acq: 30 Nov 2022 17:48

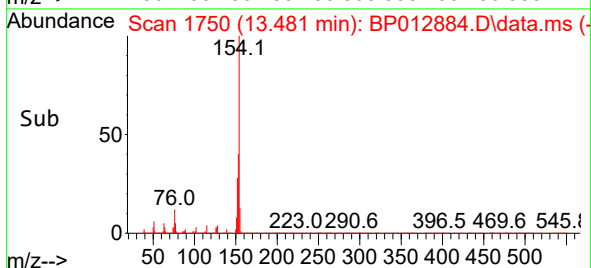
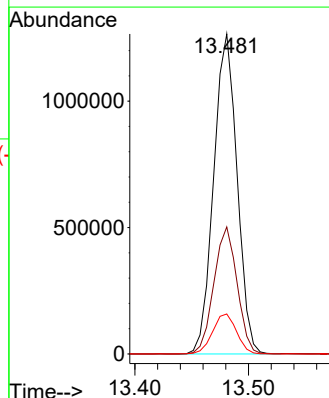
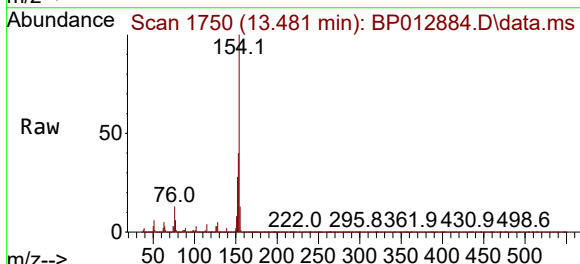
Tgt Ion:154 Resp: 1807735

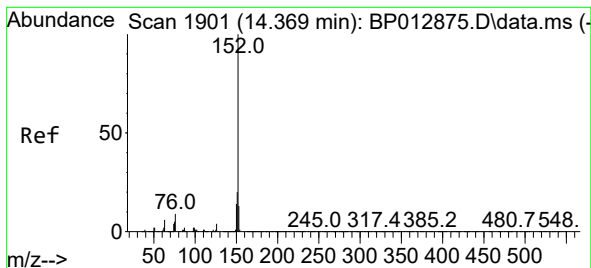
Ion Ratio Lower Upper

154 100

153 39.7 32.0 48.0

76 12.5 10.2 15.4





#50

Acenaphthylene

Concen: 1.721 ng/ul

RT: 14.369 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BP012884.D

Acq: 30 Nov 2022 17:48

Instrument :

BNA_P

ClientSampleId :

BHB64DL

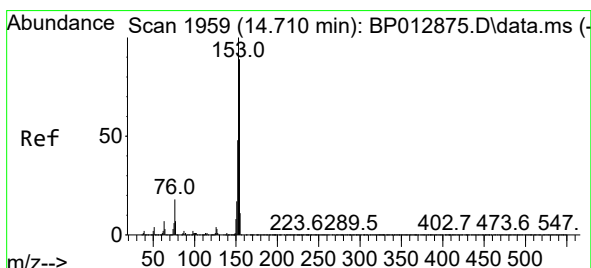
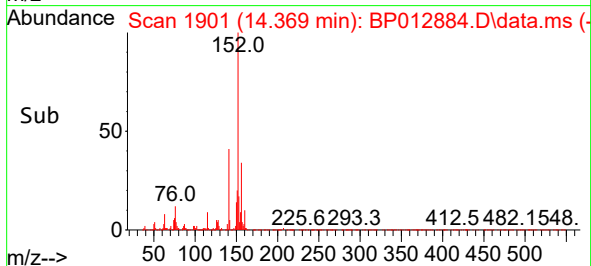
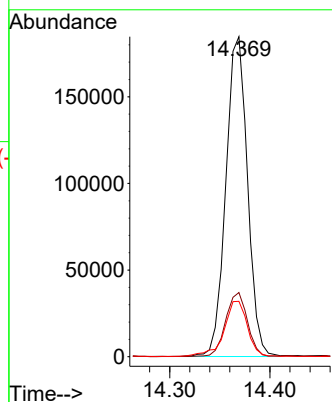
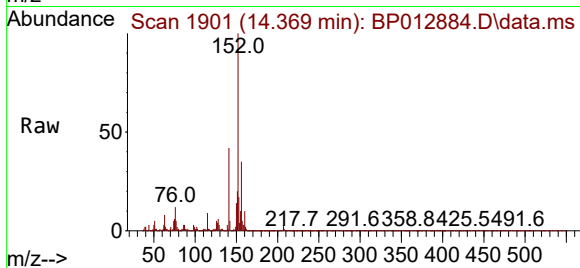
Tgt Ion:152 Resp: 276828

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 17.3 10.7 16.1#



#52

Acenaphthene

Concen: 46.726 ng/ul

RT: 14.710 min Scan# 1959

Delta R.T. 0.000 min

Lab File: BP012884.D

Acq: 30 Nov 2022 17:48

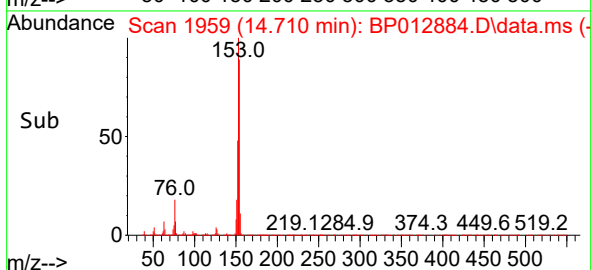
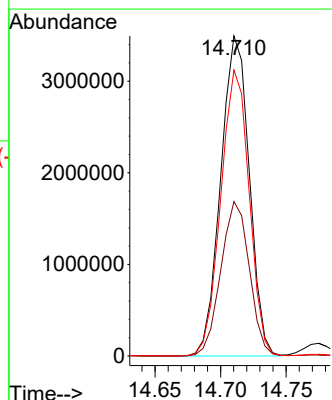
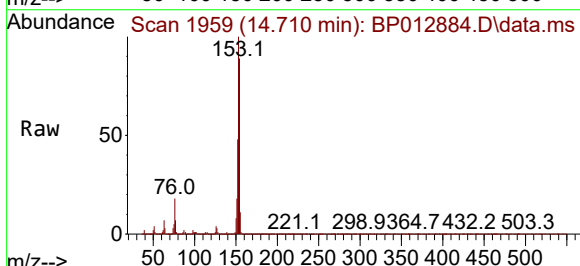
Tgt Ion:153 Resp: 5290150

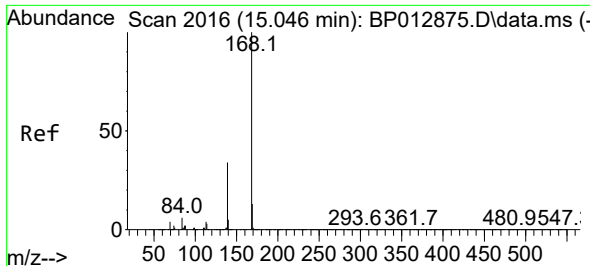
Ion Ratio Lower Upper

153 100

152 48.3 38.2 57.4

154 89.4 69.8 104.6

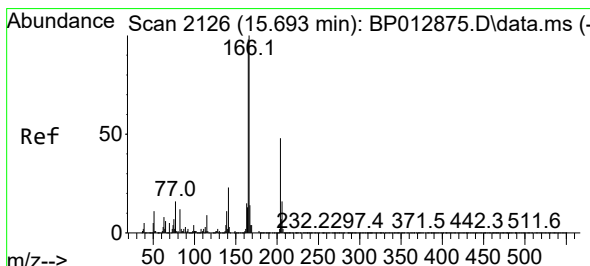
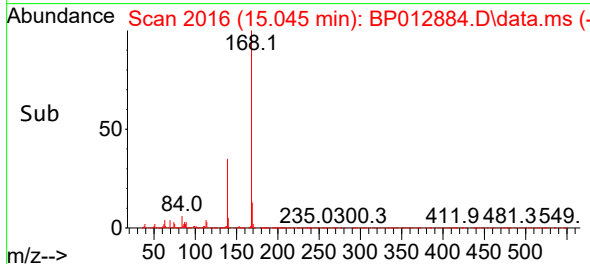
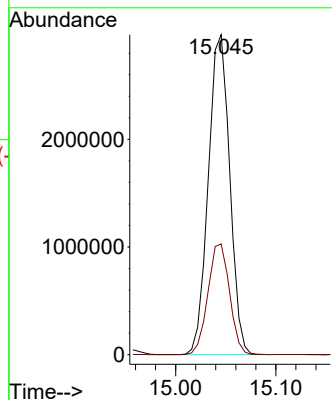
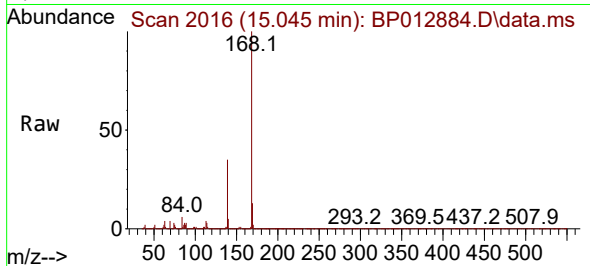




#56
Dibenzenofuran
Concen: 28.322 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BP012884.D
Acq: 30 Nov 2022 17:48

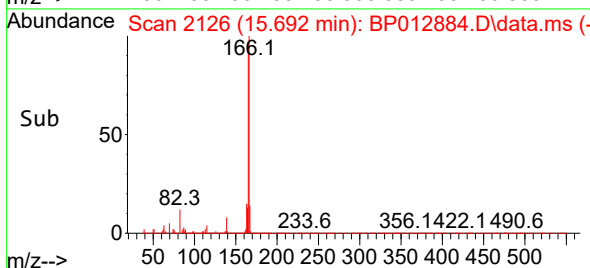
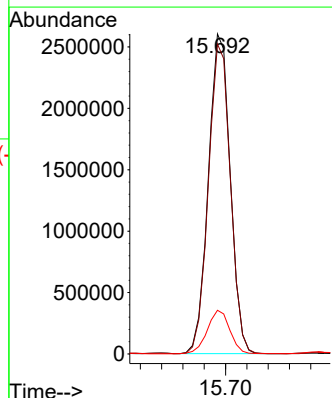
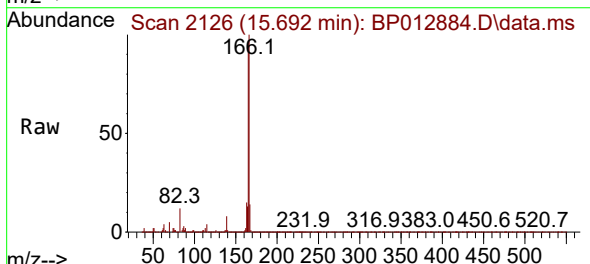
Instrument :
BNA_P
ClientSampleId :
BHB64DL

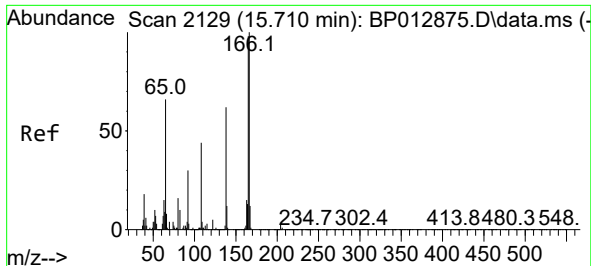
Tgt Ion:168 Resp: 4419831
Ion Ratio Lower Upper
168 100
139 34.6 27.7 41.5



#61
Fluorene
Concen: 29.642 ng/ul
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP012884.D
Acq: 30 Nov 2022 17:48

Tgt Ion:166 Resp: 3709652
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.2
167 13.6 10.9 16.3

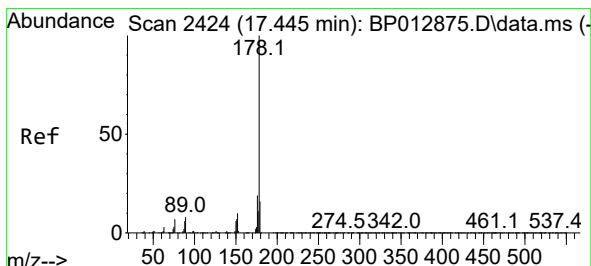
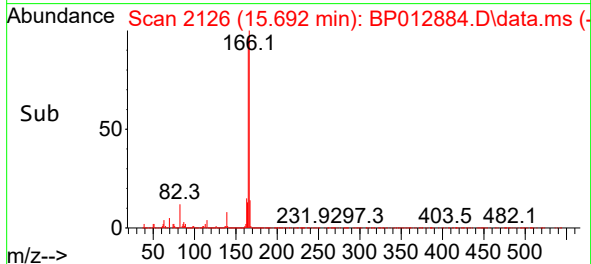
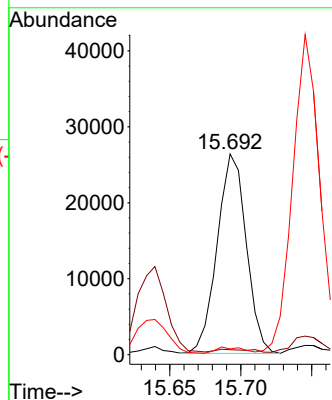
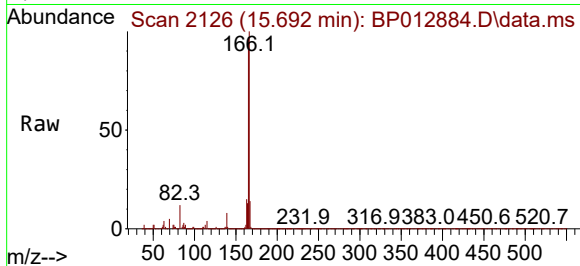




#63
4-Nitroaniline
Concen: 1.831 ng/ul
RT: 15.692 min Scan# 2129
Delta R.T. -0.018 min
Lab File: BP012884.D
Acq: 30 Nov 2022 17:48

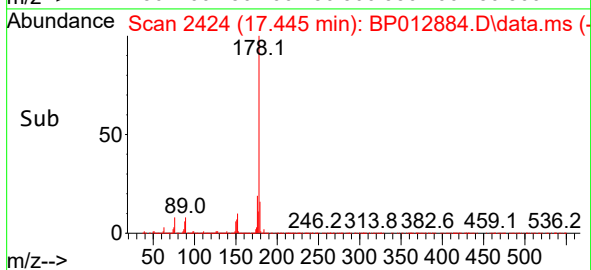
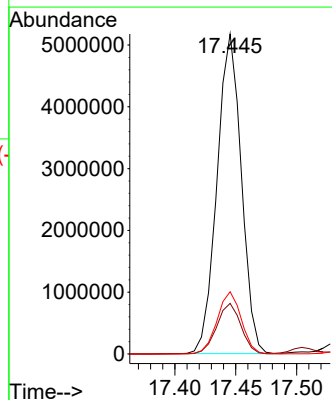
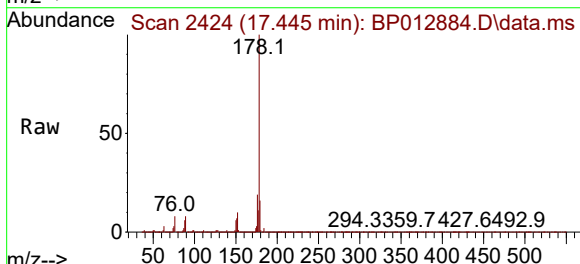
Instrument :
BNA_P
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BHB64DL

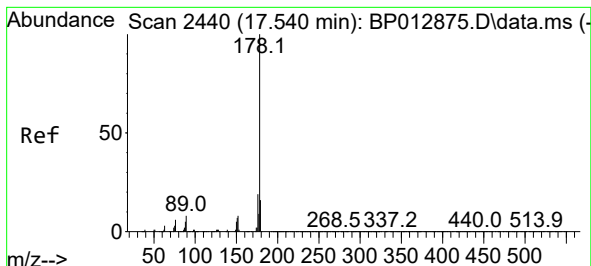
Tgt Ion:138 Resp: 37376
Ion Ratio Lower Upper
138 100
92 2.5 38.6 57.8#
108 2.9 56.4 84.6#



#72
Phenanthrene
Concen: 35.893 ng/ul
RT: 17.445 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BP012884.D
Acq: 30 Nov 2022 17:48

Tgt Ion:178 Resp: 7192626
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.5 15.4 23.0





#74

Anthracene

Concen: 1.714 ng/ul

RT: 17.534 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BP012884.D

Acq: 30 Nov 2022 17:48

Instrument :

BNA_P

ClientSampleId :

BHB64DL

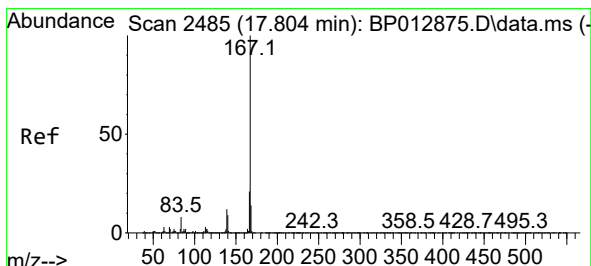
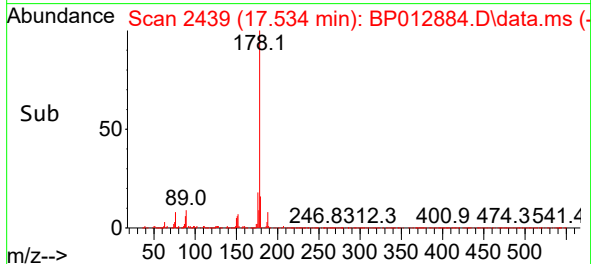
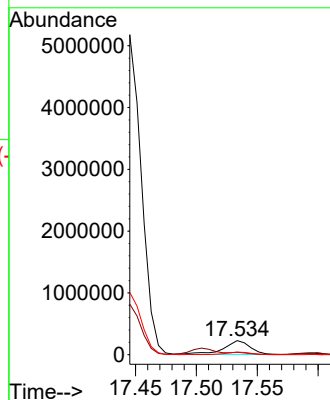
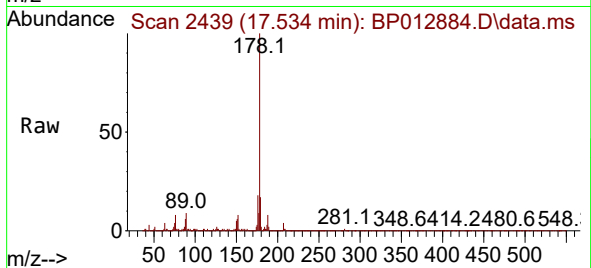
Tgt Ion:178 Resp: 339739

Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

176 18.0 14.8 22.2



#77

Carbazole

Concen: 11.599 ng/ul

RT: 17.798 min Scan# 2484

Delta R.T. -0.006 min

Lab File: BP012884.D

Acq: 30 Nov 2022 17:48

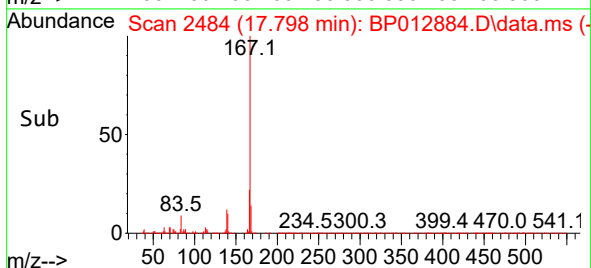
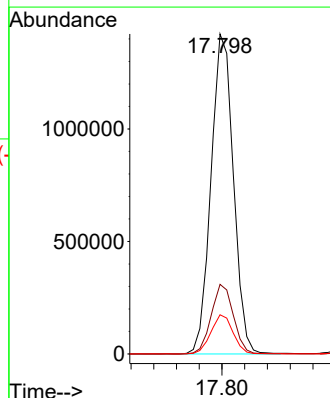
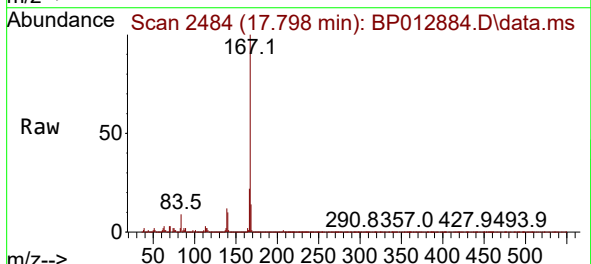
Tgt Ion:167 Resp: 1945210

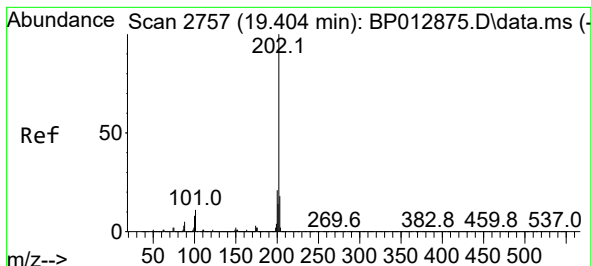
Ion Ratio Lower Upper

167 100

166 21.8 17.1 25.7

139 12.2 9.8 14.8





#80

Fluoranthene

Concen: 5.183 ng/ul

RT: 19.404 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP012884.D

Acq: 30 Nov 2022 17:48

Instrument :

BNA_P

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BHB64DL

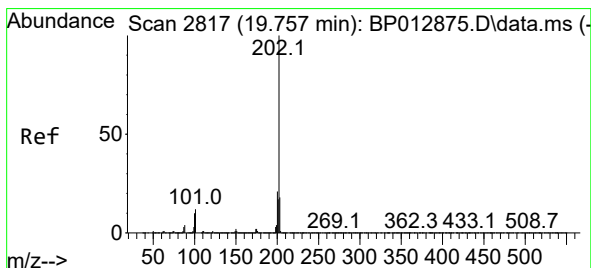
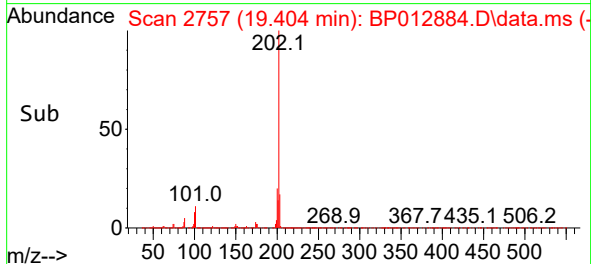
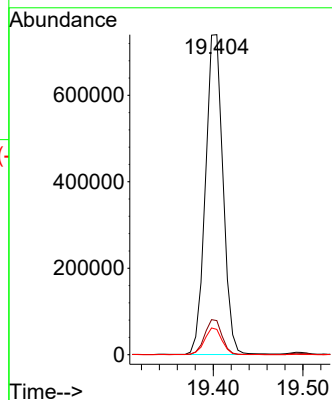
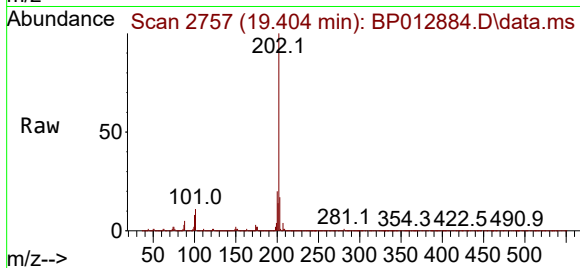
Tgt Ion:202 Resp: 1001483

Ion Ratio Lower Upper

202 100

101 10.6 8.7 13.1

100 7.9 6.9 10.3



#82

Pyrene

Concen: 2.899 ng/ul

RT: 19.757 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BP012884.D

Acq: 30 Nov 2022 17:48

Tgt Ion:202 Resp: 579404

Ion Ratio Lower Upper

202 100

101 11.7 10.3 15.5

100 9.6 8.6 13.0

