

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
 Data File : BP016838.D
 Acq On : 29 Aug 2023 18:29
 Operator : MA/JU
 Sample : 04134-02DL 10X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCHJ0DL

Quant Time: Aug 29 22:27:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 01:12:28 2023
 Response via : Initial Calibration

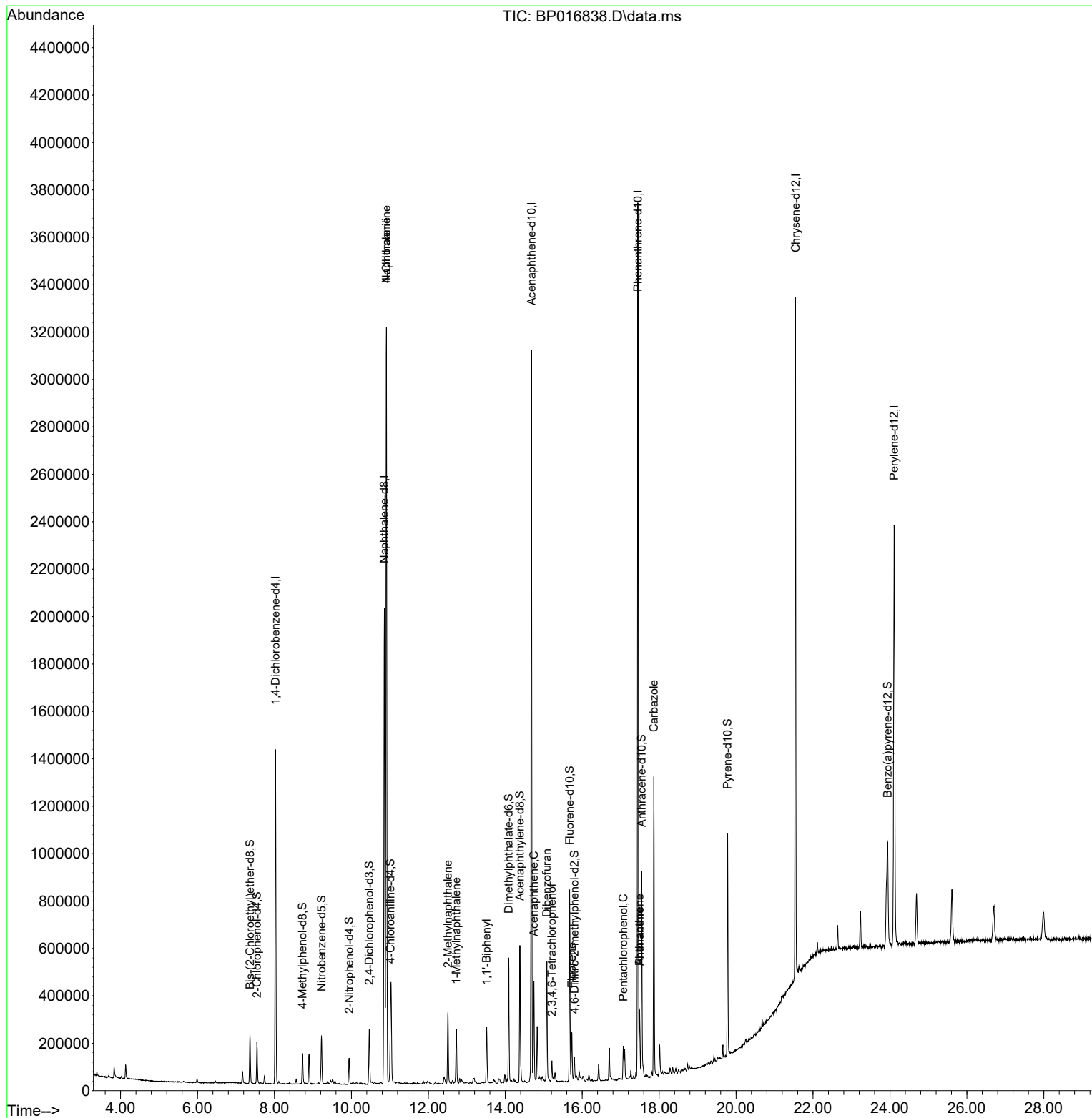
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	357972	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	1577473	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	977613	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	2051210	20.000	ng/ul	-0.01
79) Chrysene-d12	21.545	240	1295080	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	1327302	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	6138	0.709	ng/uL	0.00
4) Pyridine-d5	3.828	84	24763	0.936	ng/ul	0.01
7) Phenol-d5	7.169	99	26318	0.827	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	92046	4.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	73135	3.056	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	48947	1.884	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	41026	3.440	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	31345	2.493	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	78037	3.329	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	105000	2.921	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	336255	4.561	ng/ul	-0.01
49) Acenaphthylene-d8	14.381	160	361964	4.343	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	3374	0.221	ng/ul	0.00
60) Fluorene-d10	15.675	176	302076	4.866	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	15631	1.280	ng/ul	0.00
73) Anthracene-d10	17.545	188	468275	5.150	ng/ul	-0.01
81) Pyrene-d10	19.780	212	453674	6.378	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	326929	4.917	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.910	128	2501568	30.613	ng/ul	100
32) 4-Chloroaniline	10.910	127	326357	9.239	ng/ul#	8
36) 2-Methylnaphthalene	12.510	142	138659	2.458	ng/ul	99
37) 1-Methylnaphthalene	12.728	142	99050	1.741	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	107659	1.481	ng/ul	98
52) Acenaphthene	14.745	153	164796	2.611	ng/ul	97
56) Dibenzofuran	15.081	168	317611	3.668	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.210	232	17314	1.010	ng/ul	93
61) Fluorene	15.728	166	87418	1.207	ng/ul	99
71) Pentachlorophenol	17.069	266	16836	1.030	ng/ul	96
72) Phenanthrene	17.492	178	150861	1.397	ng/ul	98
74) Anthracene	17.492	178	151850	1.391	ng/ul	98
77) Carbazole	17.863	167	739887	7.524	ng/ul	99

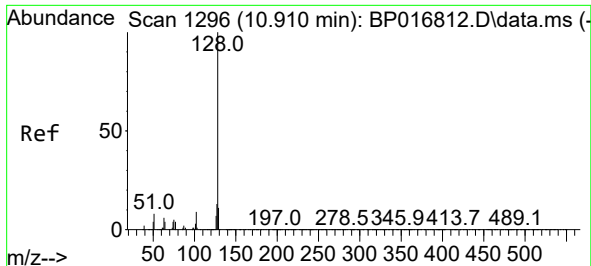
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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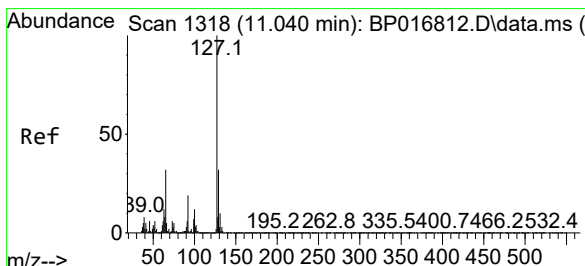
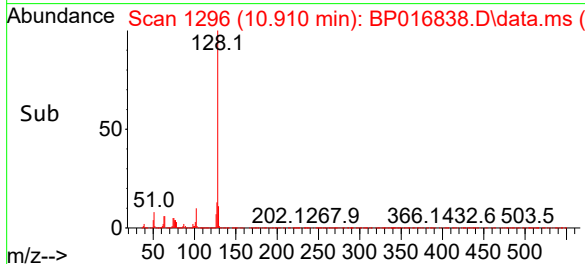
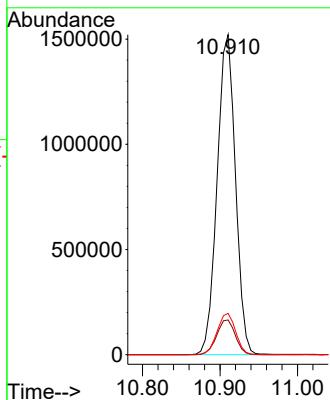
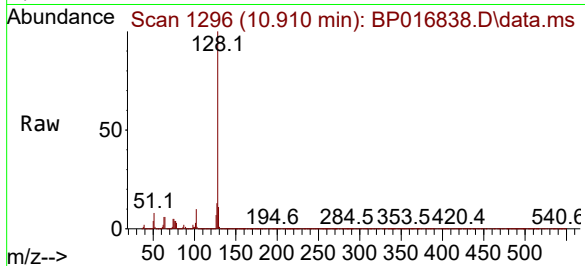




#30
Naphthalene
Concen: 30.613 ng/ul
RT: 10.910 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP016838.D
Acq: 29 Aug 2023 18:29

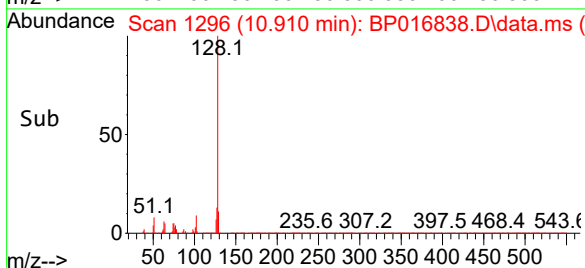
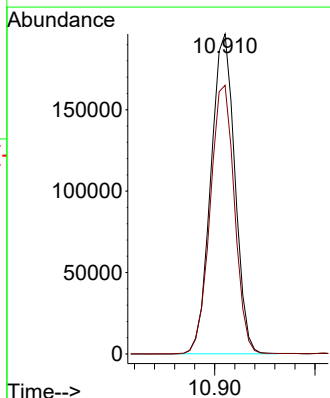
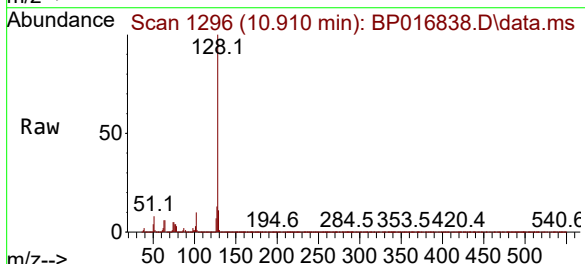
Instrument :
BNA_P
ClientSampleId :
DCHJ0DL

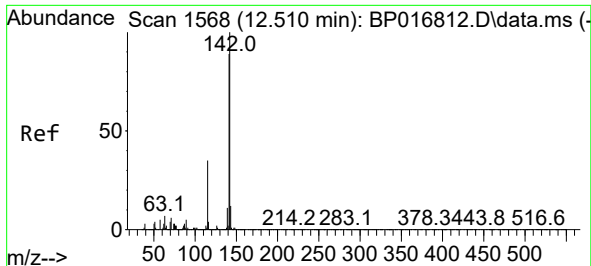
Tgt Ion:128 Resp: 2501568
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.9 10.3 15.5



#32
4-Chloroaniline
Concen: 9.239 ng/ul
RT: 10.910 min Scan# 1296
Delta R.T. -0.129 min
Lab File: BP016838.D
Acq: 29 Aug 2023 18:29

Tgt Ion:127 Resp: 326357
Ion Ratio Lower Upper
127 100
129 83.9 25.9 38.9#

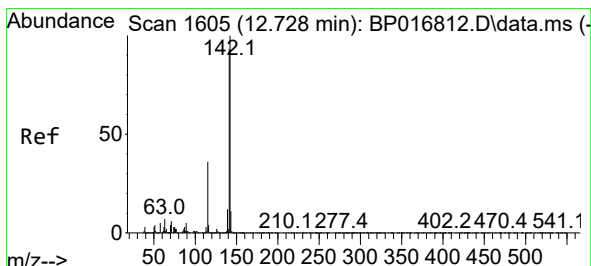
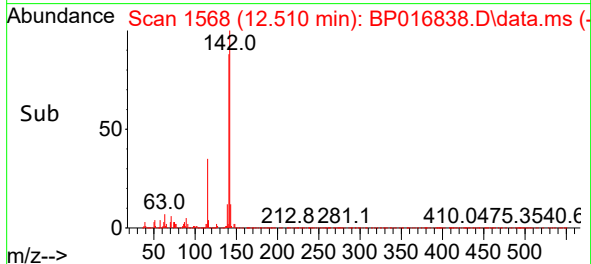
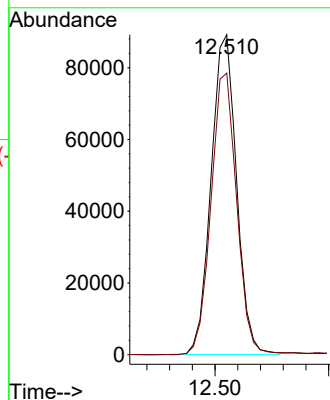
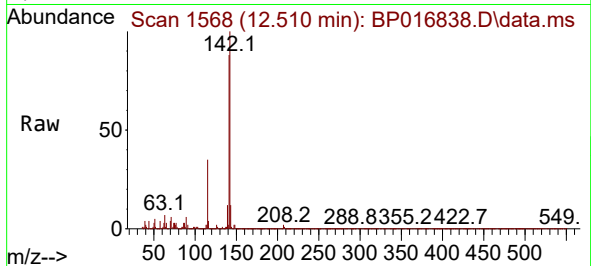




#36
2-Methylnaphthalene
Concen: 2.458 ng/ul
RT: 12.510 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BP016838.D
Acq: 29 Aug 2023 18:29

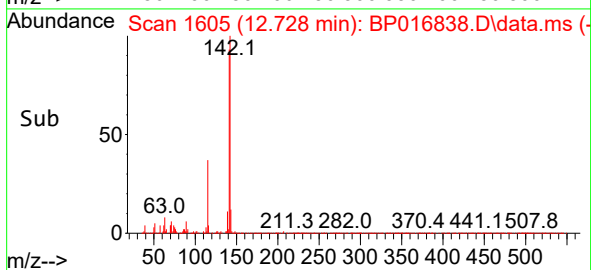
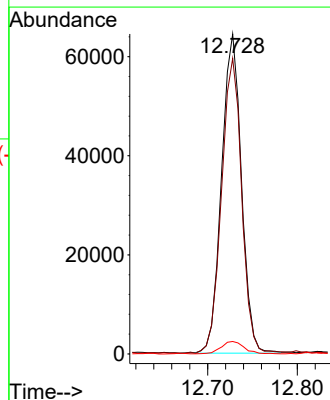
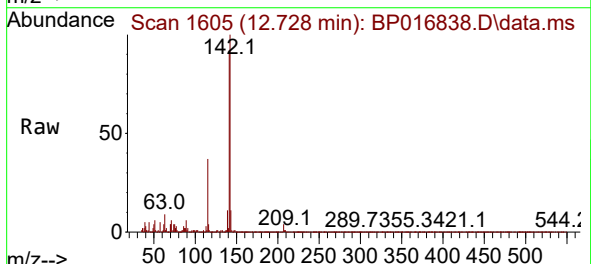
Instrument :
BNA_P
ClientSampleId :
DCHJ0DL

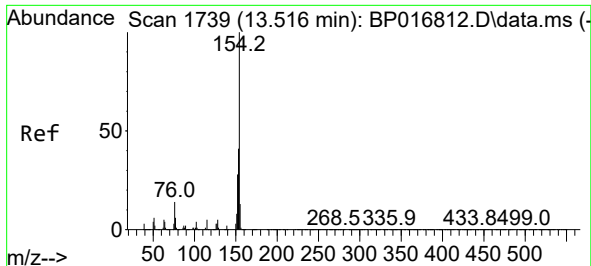
Tgt Ion:142 Resp: 138659
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.0



#37
1-Methylnaphthalene
Concen: 1.741 ng/ul
RT: 12.728 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BP016838.D
Acq: 29 Aug 2023 18:29

Tgt Ion:142 Resp: 99050
Ion Ratio Lower Upper
142 100
141 92.4 73.0 109.4
116 3.9 3.1 4.7

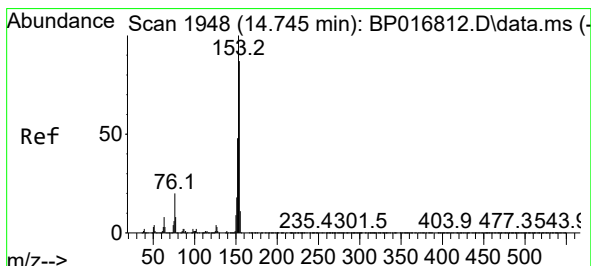
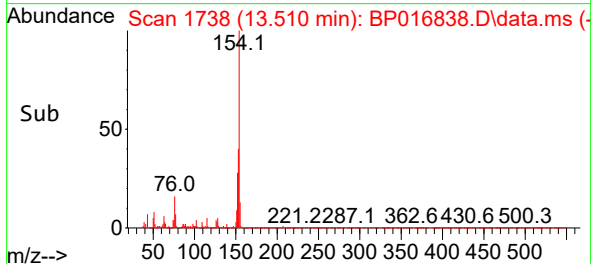
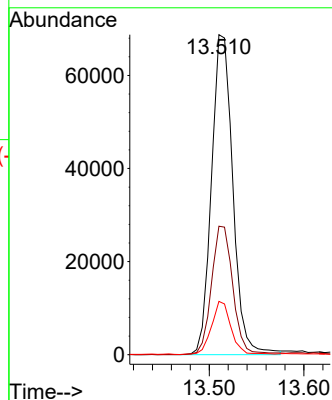
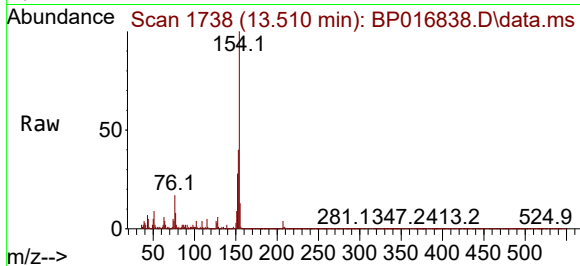




#43
1,1'-Biphenyl
Concen: 1.481 ng/ul
RT: 13.510 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BP016838.D
Acq: 29 Aug 2023 18:29

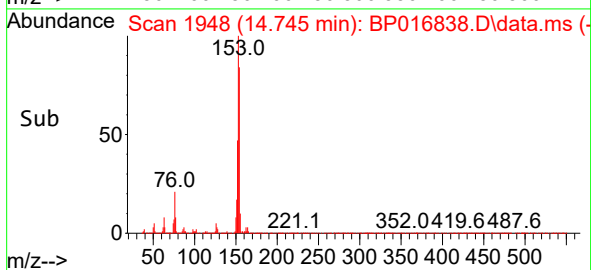
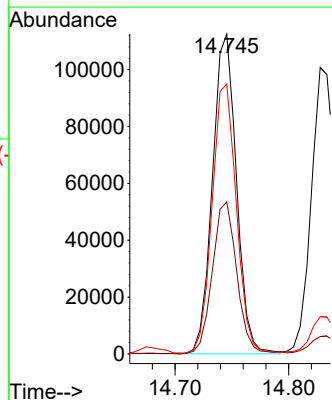
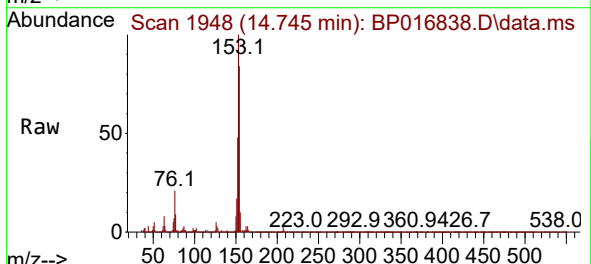
Instrument :
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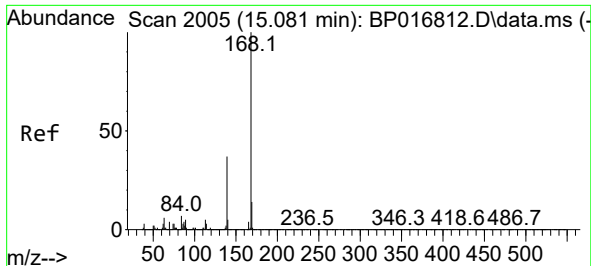
Tgt Ion:154 Resp: 107659
Ion Ratio Lower Upper
154 100
153 40.2 32.7 49.1
76 16.6 11.3 16.9



#52
Acenaphthene
Concen: 2.611 ng/ul
RT: 14.745 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP016838.D
Acq: 29 Aug 2023 18:29

Tgt Ion:153 Resp: 164796
Ion Ratio Lower Upper
153 100
152 47.5 38.5 57.7
154 84.3 70.6 105.8

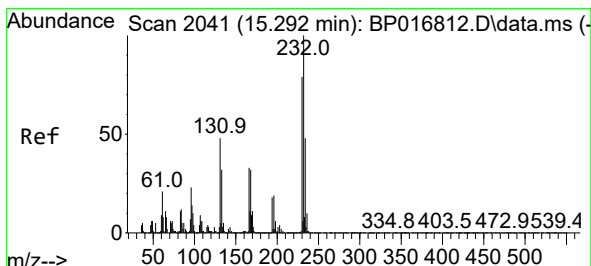
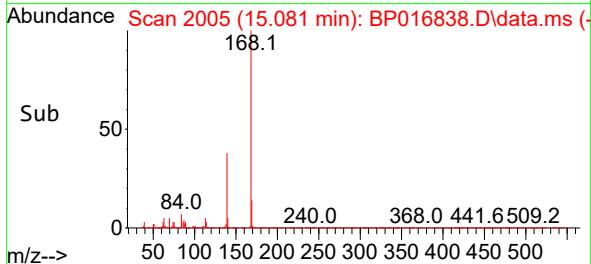
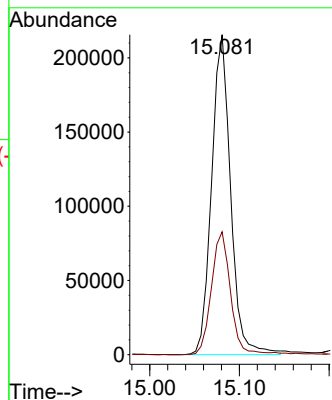
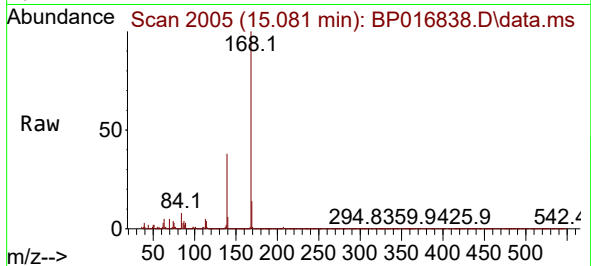




#56
Dibenzenofuran
Concen: 3.668 ng/ul
RT: 15.081 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BP016838.D
Acq: 29 Aug 2023 18:29

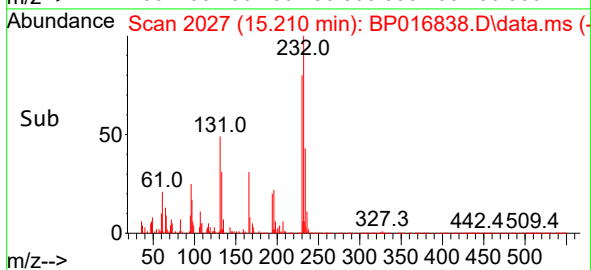
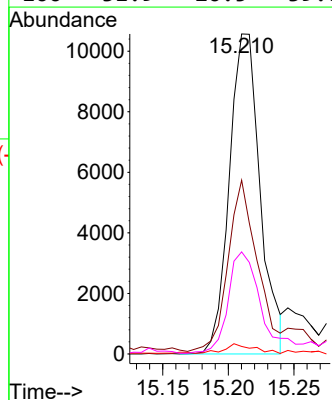
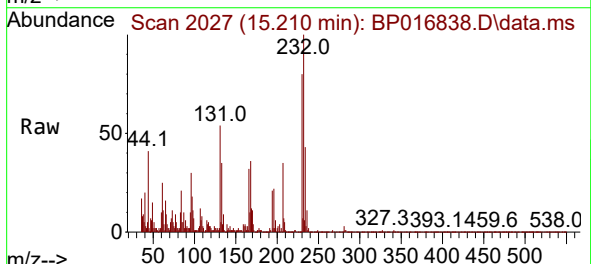
Instrument :
BNA_P
ClientSampleId :
DCHJ0DL

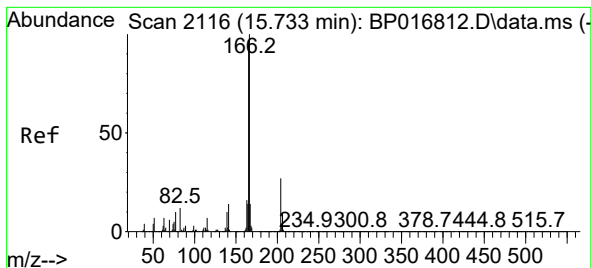
Tgt Ion:168 Resp: 317611
Ion Ratio Lower Upper
168 100
139 38.4 29.2 43.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.010 ng/ul
RT: 15.210 min Scan# 2027
Delta R.T. -0.088 min
Lab File: BP016838.D
Acq: 29 Aug 2023 18:29

Tgt Ion:232 Resp: 17314
Ion Ratio Lower Upper
232 100
131 54.3 38.1 57.1
130 2.4 1.9 2.9
166 31.9 26.5 39.7





#61

Fluorene

Concen: 1.207 ng/ul

RT: 15.728 min Scan# 2115

Delta R.T. -0.006 min

Lab File: BP016838.D

Acq: 29 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

DCHJ0DL

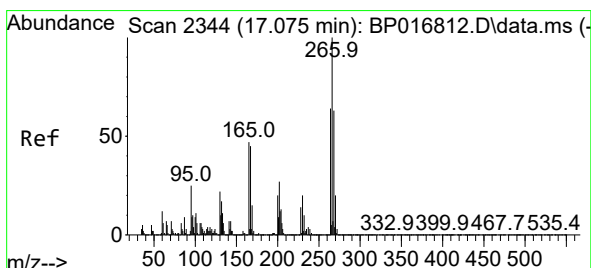
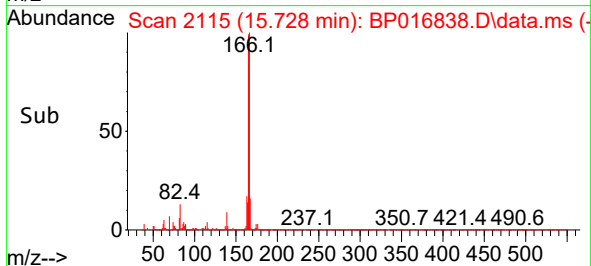
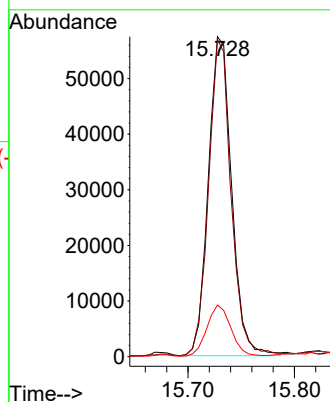
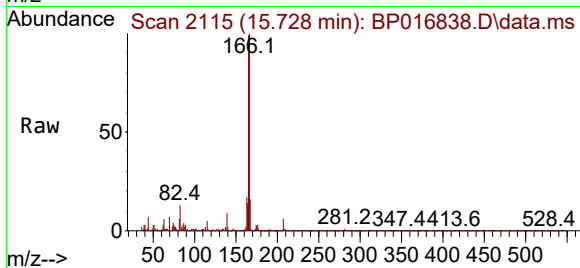
Tgt Ion:166 Resp: 87418

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

167 16.1 10.9 16.3



#71

Pentachlorophenol

Concen: 1.030 ng/ul

RT: 17.069 min Scan# 2343

Delta R.T. -0.006 min

Lab File: BP016838.D

Acq: 29 Aug 2023 18:29

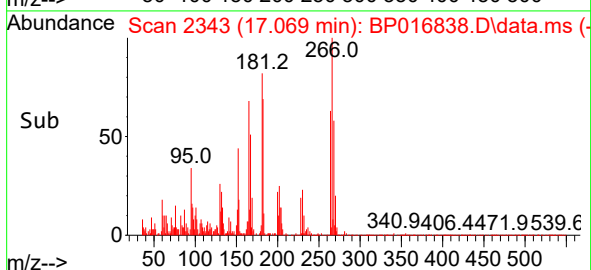
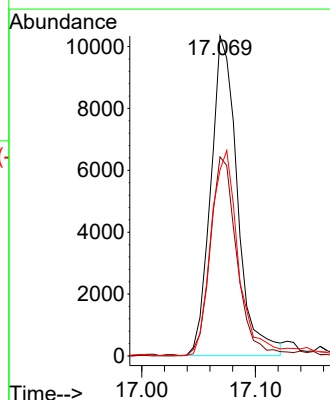
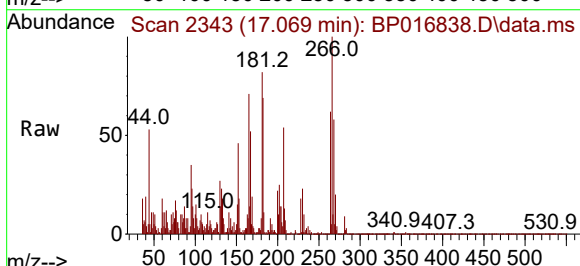
Tgt Ion:266 Resp: 16836

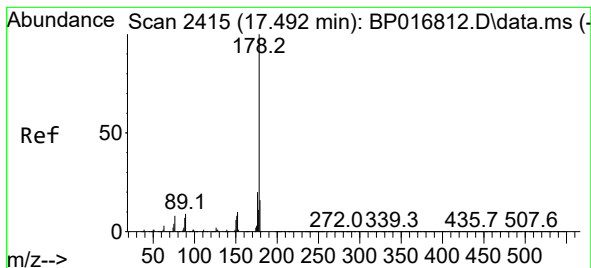
Ion Ratio Lower Upper

266 100

264 62.2 50.7 76.1

268 58.1 50.8 76.2





#72

Phenanthrene

Concen: 1.397 ng/ul

RT: 17.492 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BP016838.D

Acq: 29 Aug 2023 18:29

Instrument :

BNA_P

ClientSampleId :

DCHJ0DL

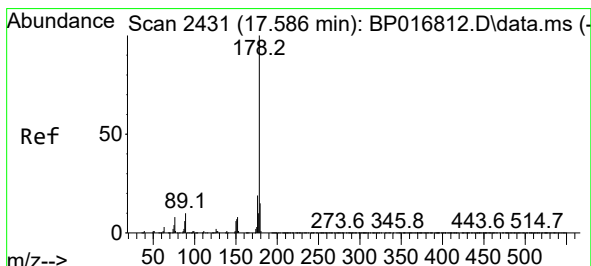
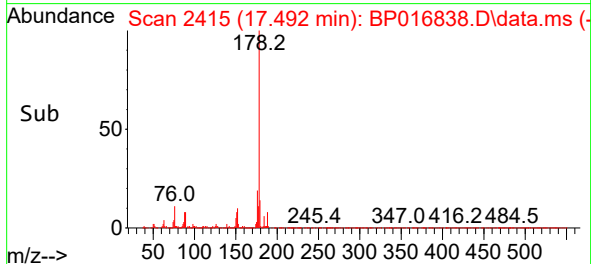
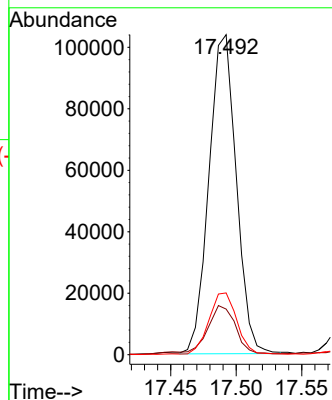
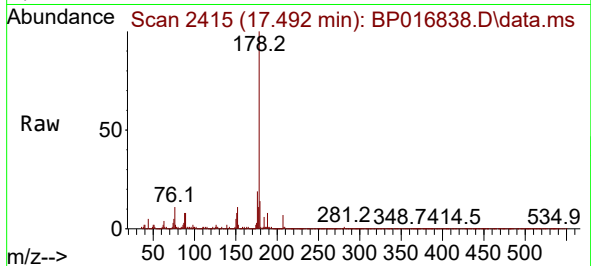
Tgt Ion:178 Resp: 150861

Ion Ratio Lower Upper

178 100

179 14.3 12.4 18.6

176 19.3 15.6 23.4



#74

Anthracene

Concen: 1.391 ng/ul

RT: 17.492 min Scan# 2415

Delta R.T. -0.100 min

Lab File: BP016838.D

Acq: 29 Aug 2023 18:29

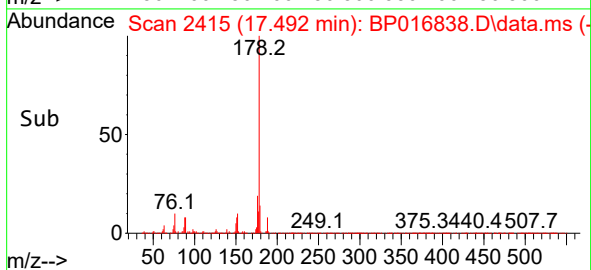
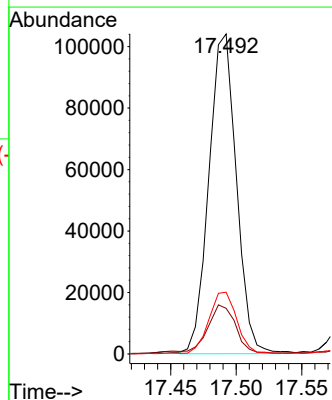
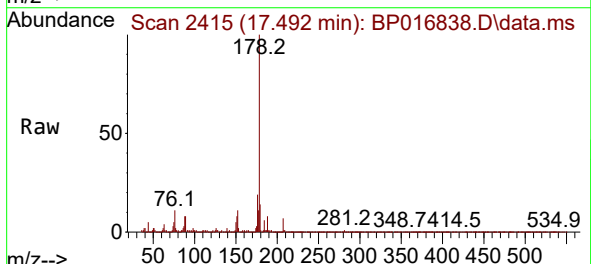
Tgt Ion:178 Resp: 151850

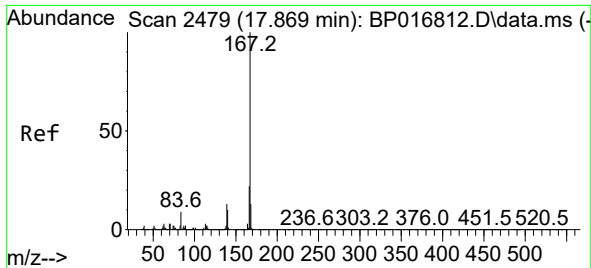
Ion Ratio Lower Upper

178 100

179 14.3 12.4 18.6

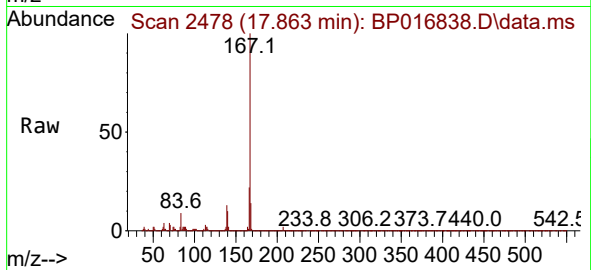
176 19.3 15.3 22.9





#77
 Carbazole
 Concen: 7.524 ng/ul
 RT: 17.863 min Scan# 2478
 Delta R.T. -0.006 min
 Lab File: BP016838.D
 Acq: 29 Aug 2023 18:29

Instrument :
 BNA_P
 ClientSampleId :
 DCHJ0DL



Tgt Ion:167 Resp: 739887
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.5 10.4 15.6

