

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
 Data File : BP014031.D
 Acq On : 10 Mar 2023 15:30
 Operator : CG/JU
 Sample : 01784-06DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCAD8DL

Quant Time: Mar 10 21:29:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:10:12 2023
 Response via : Initial Calibration

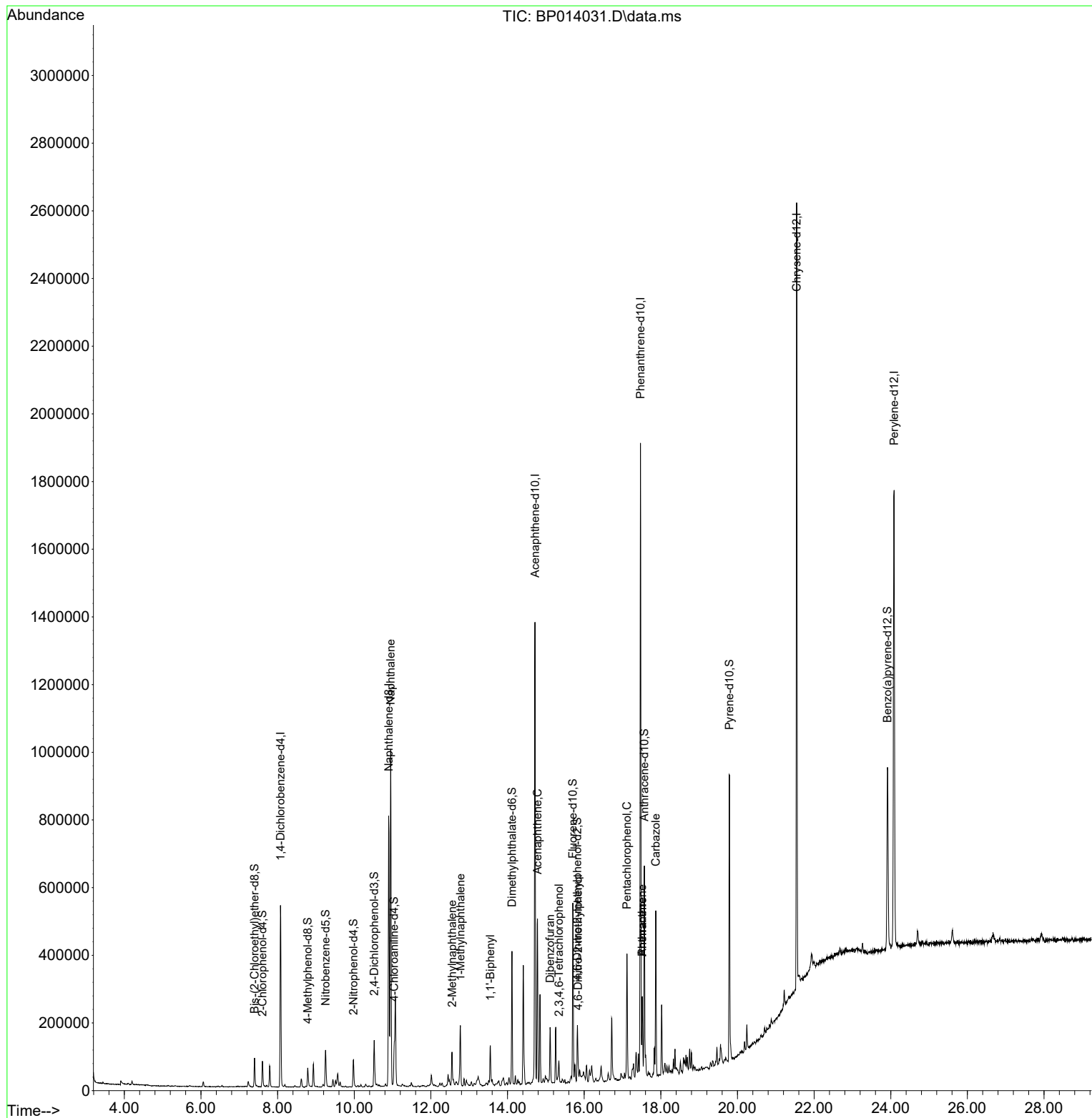
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	140234	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	620649	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.716	164	441953	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1074256	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1141100	20.000	ng/ul	-0.01
88) Perylene-d12	24.086	264	1116437	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.440	96	1473	0.397	ng/uL	0.00
4) Pyridine-d5	3.858	84	377	0.037	ng/ul	-0.01
7) Phenol-d5	7.234	99	9753	0.788	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	39606	5.488	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	34041	3.610	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	22007	2.177	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	22865	4.617	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	24528	4.138	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	47176	4.230	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	46285	3.136	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	236851	6.315	ng/ul	0.00
49) Acenaphthylene-d8	14.539	160	1668	0.042	ng/ul	0.12
54) 4-Nitrophenol-d4	14.928	143	3431	0.519	ng/ul	0.01
60) Fluorene-d10	15.704	176	197028	6.198	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.822	200	38660	4.762	ng/ul	-0.01
73) Anthracene-d10	17.569	188	352316	6.756	ng/ul	0.00
81) Pyrene-d10	19.786	212	459126	7.295	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.915	264	402290	6.774	ng/ul	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.951	128	761528	22.344	ng/ul	99
36) 2-Methylnaphthalene	12.551	142	43591	1.824	ng/ul	100
37) 1-Methylnaphthalene	12.769	142	71821	2.989	ng/ul	98
43) 1,1'-Biphenyl	13.551	154	55834	1.641	ng/ul	95
52) Acenaphthene	14.781	153	191689	6.576	ng/ul	99
56) Dibenzofuran	15.110	168	97415	2.297	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.339	232	13124	1.245	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.839	198	8904	1.149	ng/ul#	84
71) Pentachlorophenol	17.116	266	52928	5.291	ng/ul	95
72) Phenanthrene	17.510	178	104845	1.789	ng/ul	99
74) Anthracene	17.510	178	104845	1.765	ng/ul	100
77) Carbazole	17.869	167	272335	5.197	ng/ul	98

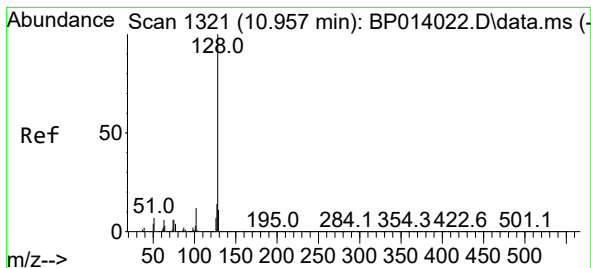
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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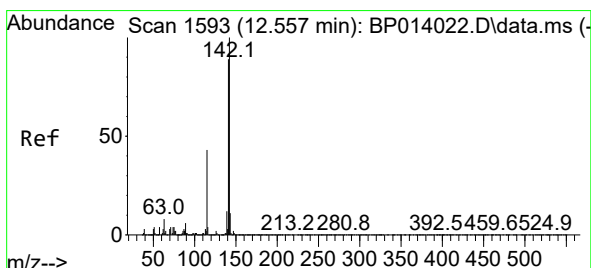
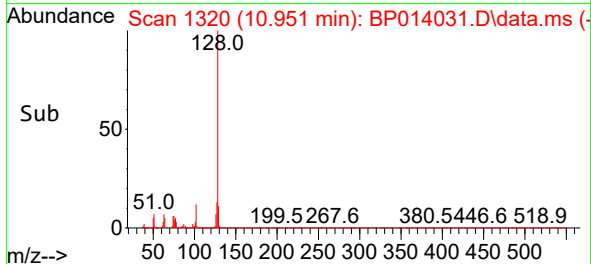
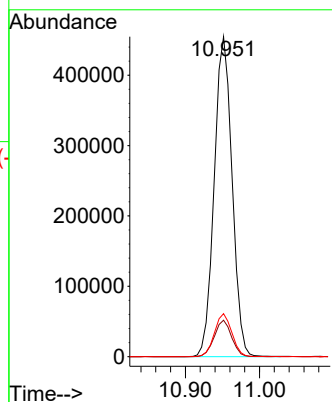
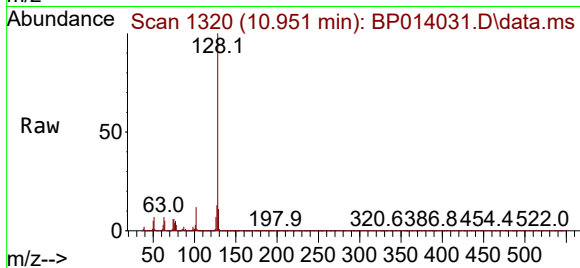




#30
Naphthalene
Concen: 22.344 ng/ul
RT: 10.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

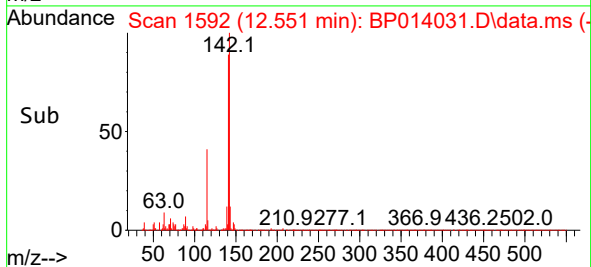
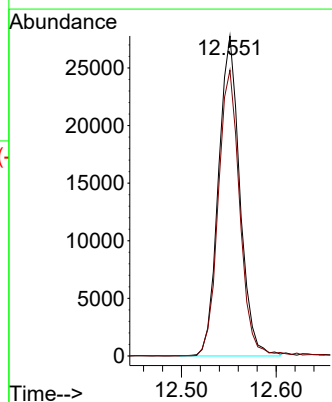
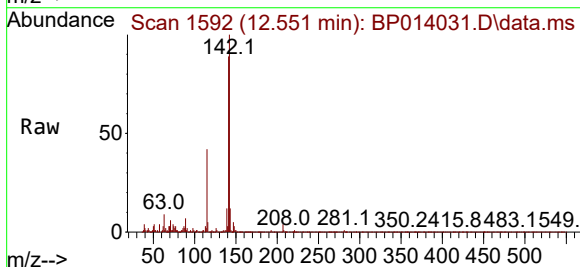
Instrument :
BNA_P
ClientSampleId :
DCAD8DL

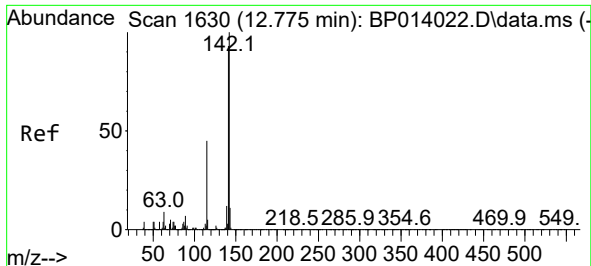
Tgt Ion:128 Resp: 761528
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.4 11.0 16.4



#36
2-Methylnaphthalene
Concen: 1.824 ng/ul
RT: 12.551 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

Tgt Ion:142 Resp: 43591
Ion Ratio Lower Upper
142 100
141 89.3 71.7 107.5

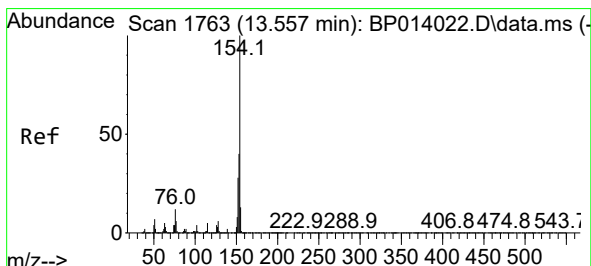
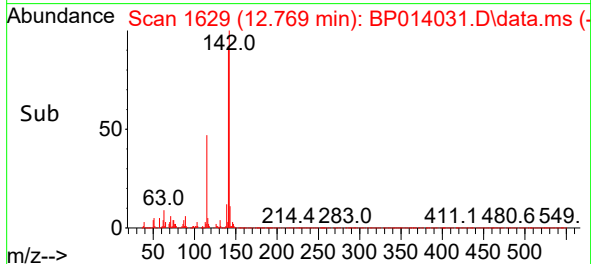
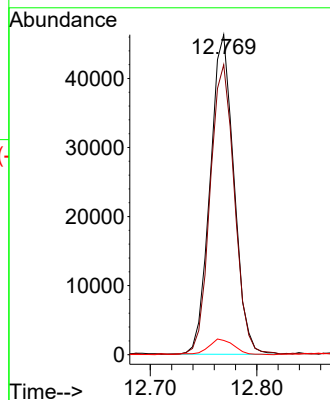
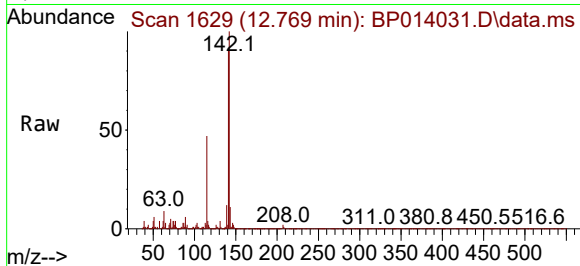




#37
1-Methylnaphthalene
Concen: 2.989 ng/ul
RT: 12.769 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

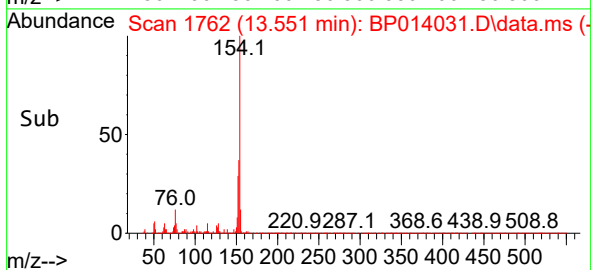
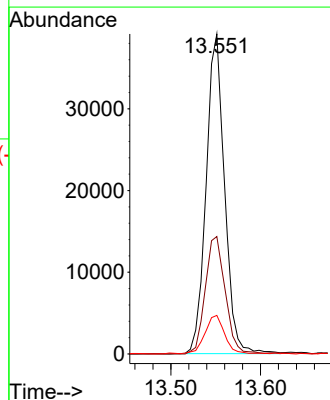
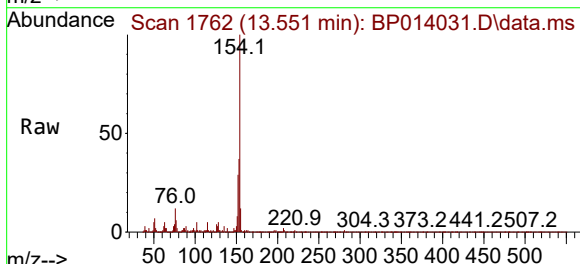
Instrument :
BNA_P
ClientSampleId :
DCAD8DL

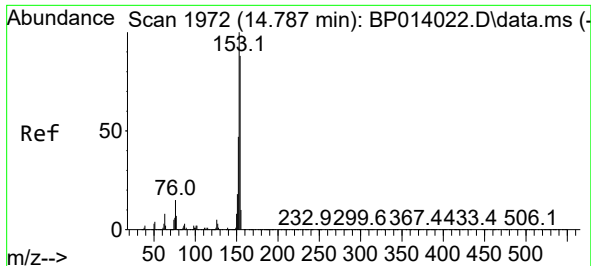
Tgt Ion:142 Resp: 71821
Ion Ratio Lower Upper
142 100
141 90.6 73.8 110.6
116 4.5 3.7 5.5



#43
1,1'-Biphenyl
Concen: 1.641 ng/ul
RT: 13.551 min Scan# 1762
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

Tgt Ion:154 Resp: 55834
Ion Ratio Lower Upper
154 100
153 36.7 32.6 49.0
76 12.1 9.4 14.0

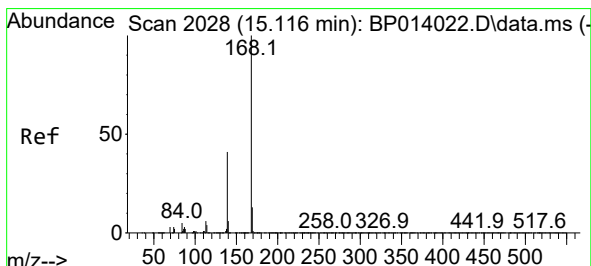
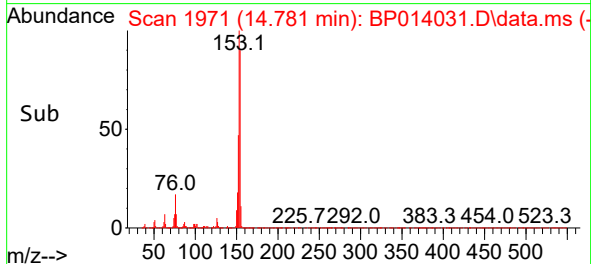
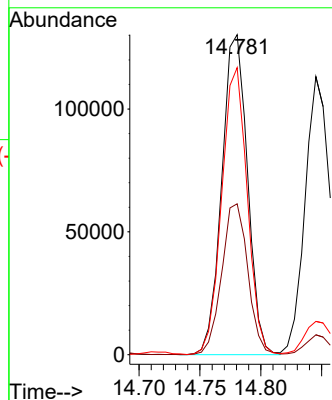
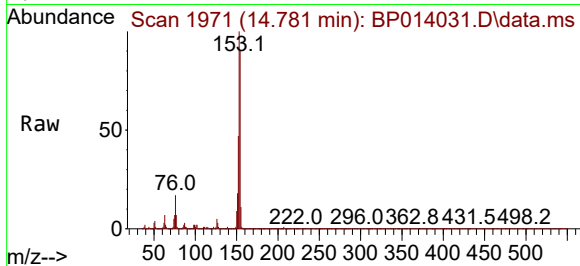




#52
Acenaphthene
Concen: 6.576 ng/ul
RT: 14.781 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

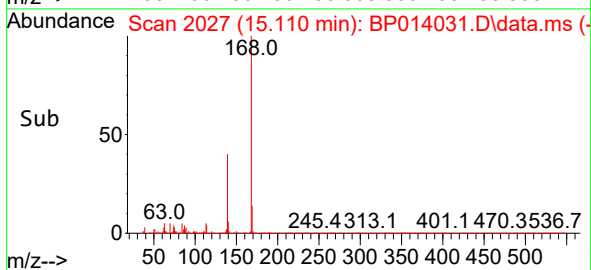
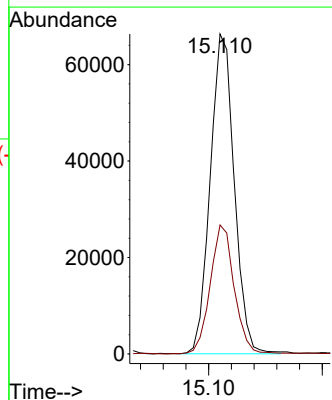
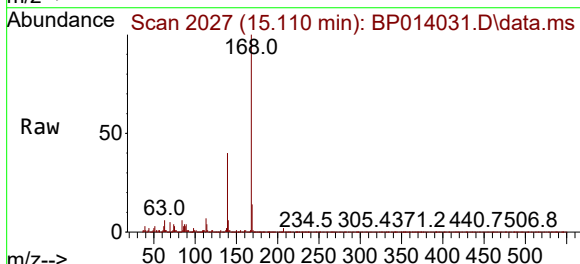
Instrument :
BNA_P
ClientSampleId :
DCAD8DL

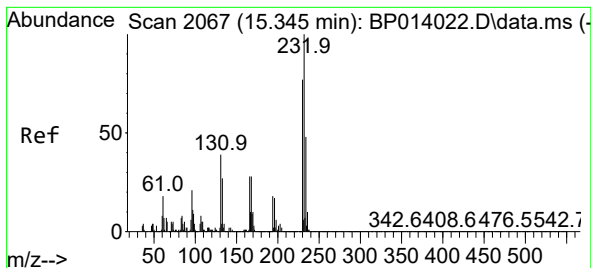
Tgt Ion:153 Resp: 191689
Ion Ratio Lower Upper
153 100
152 47.2 37.7 56.5
154 89.7 70.4 105.6



#56
Dibenzofuran
Concen: 2.297 ng/ul
RT: 15.110 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

Tgt Ion:168 Resp: 97415
Ion Ratio Lower Upper
168 100
139 40.3 31.8 47.6

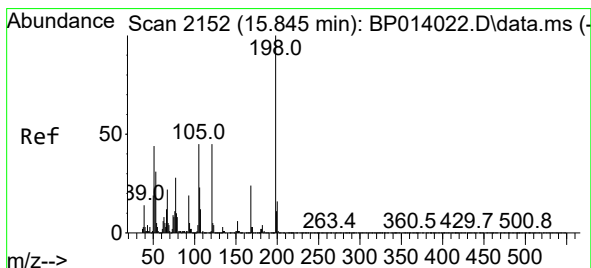
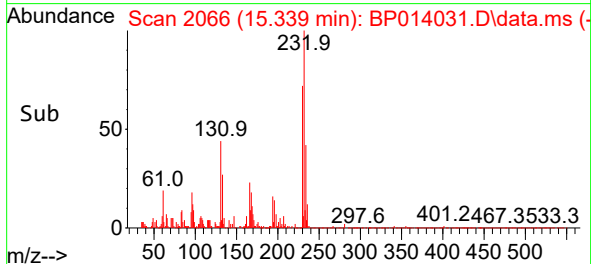
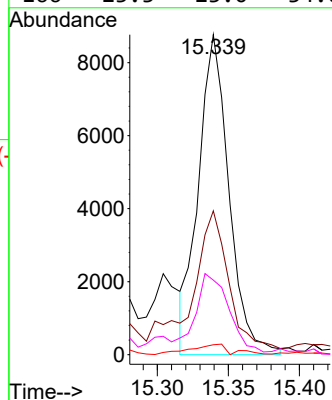
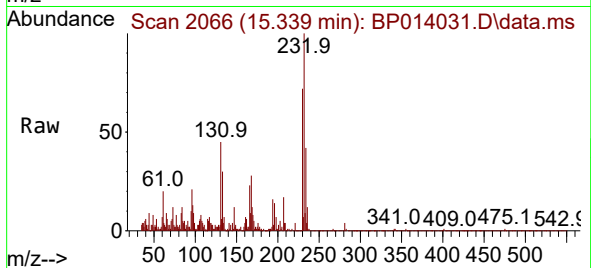




#58
2,3,4,6-Tetrachlorophenol
Concen: 1.245 ng/ul
RT: 15.339 min Scan# 2066
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

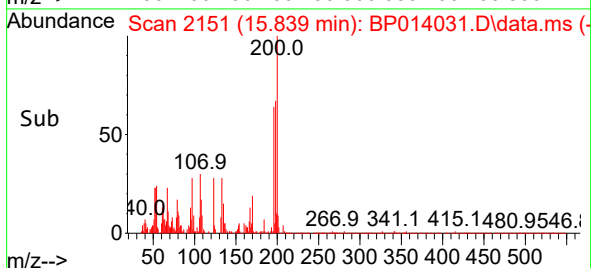
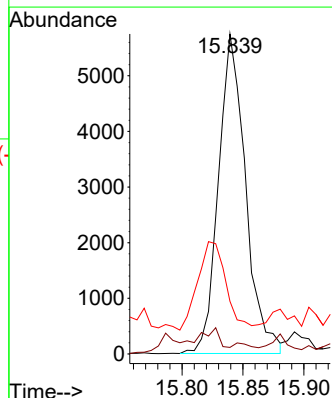
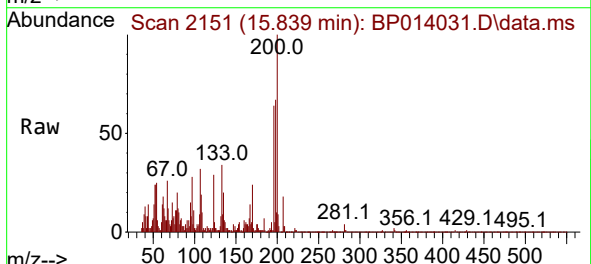
Instrument :
BNA_P
ClientSampleId :
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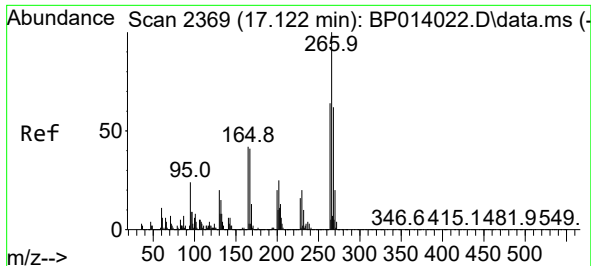
Tgt Ion:	232	Resp:	13124
Ion Ratio	Lower	Upper	
232	100		
131	45.0	34.1	51.1
130	3.1	2.1	3.1
166	23.3	23.0	34.6



#66
4,6-Dinitro-2-methylphenol
Concen: 1.149 ng/ul
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BP014031.D
Acq: 10 Mar 2023 15:30

Tgt Ion:	198	Resp:	8904
Ion Ratio	Lower	Upper	
198	100		
182	2.1	3.0	4.6#
77	16.4	20.3	30.5#

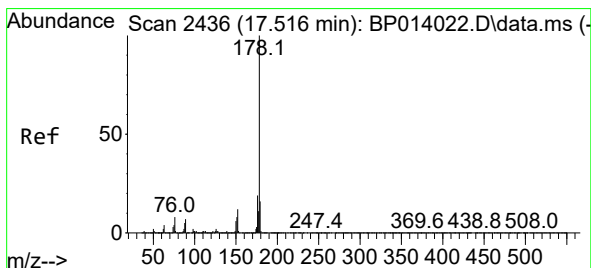
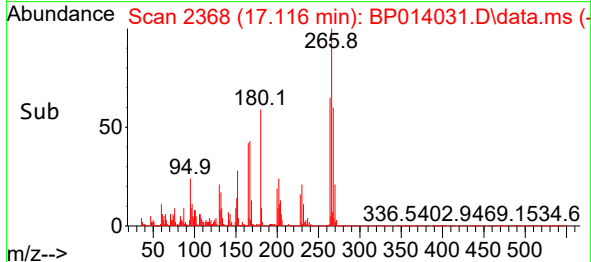
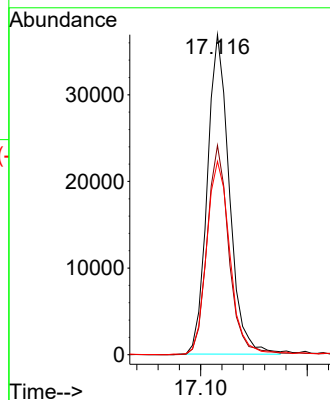
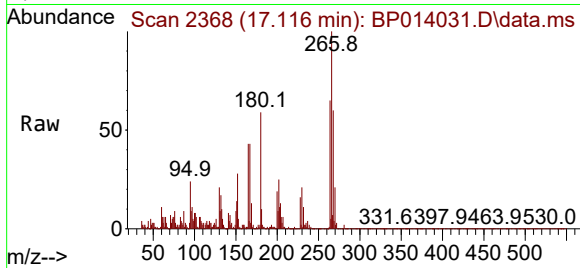




#71
 Pentachlorophenol
 Concen: 5.291 ng/ul
 RT: 17.116 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP014031.D
 Acq: 10 Mar 2023 15:30

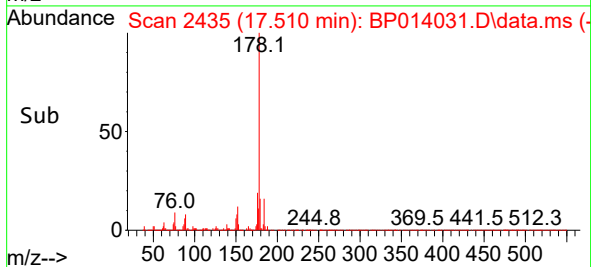
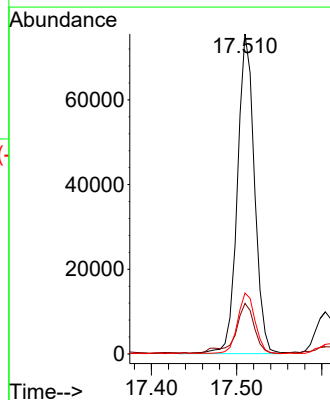
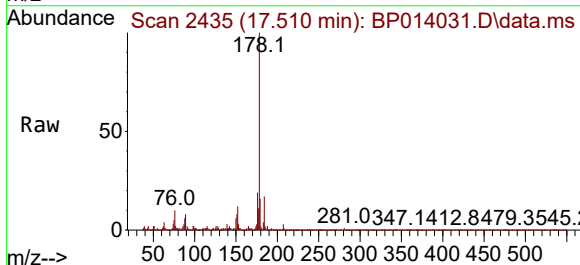
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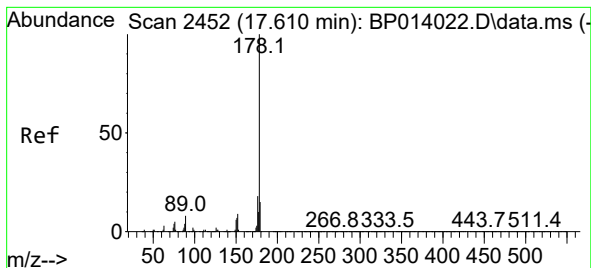
Tgt Ion:266 Resp: 52928
 Ion Ratio Lower Upper
 266 100
 264 65.4 48.4 72.6
 268 60.4 50.4 75.6



#72
 Phenanthrene
 Concen: 1.789 ng/ul
 RT: 17.510 min Scan# 2435
 Delta R.T. -0.012 min
 Lab File: BP014031.D
 Acq: 10 Mar 2023 15:30

Tgt Ion:178 Resp: 104845
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.2 18.4
 176 19.1 15.4 23.0





#74

Anthracene

Concen: 1.765 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.100 min

Lab File: BP014031.D

Acq: 10 Mar 2023 15:30

Instrument :

BNA_P

ClientSampleId :

DCAD8DL

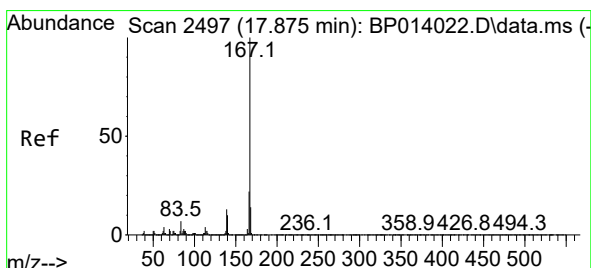
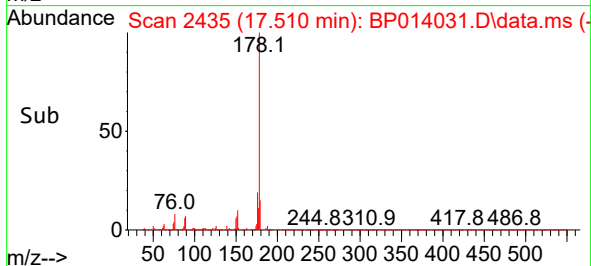
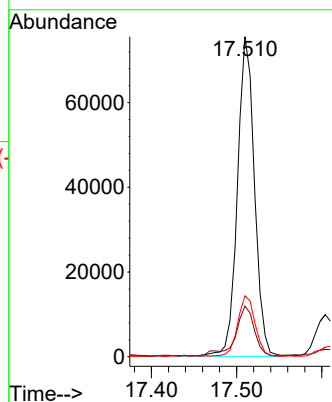
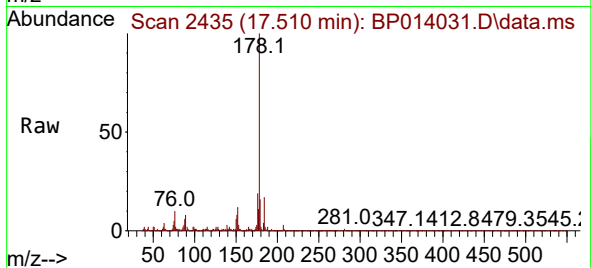
Tgt Ion:178 Resp: 104845

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.1 15.1 22.7



#77

Carbazole

Concen: 5.197 ng/ul

RT: 17.869 min Scan# 2496

Delta R.T. -0.006 min

Lab File: BP014031.D

Acq: 10 Mar 2023 15:30

Tgt Ion:167 Resp: 272335

Ion Ratio Lower Upper

167 100

166 20.6 17.5 26.3

139 12.9 10.5 15.7

