

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
 Data File : BP014437.D
 Acq On : 31 Mar 2023 11:27
 Operator : CG/JU
 Sample : 02131-01DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0QG6DL

Quant Time: Mar 31 22:52:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 31 04:41:29 2023
 Response via : Initial Calibration

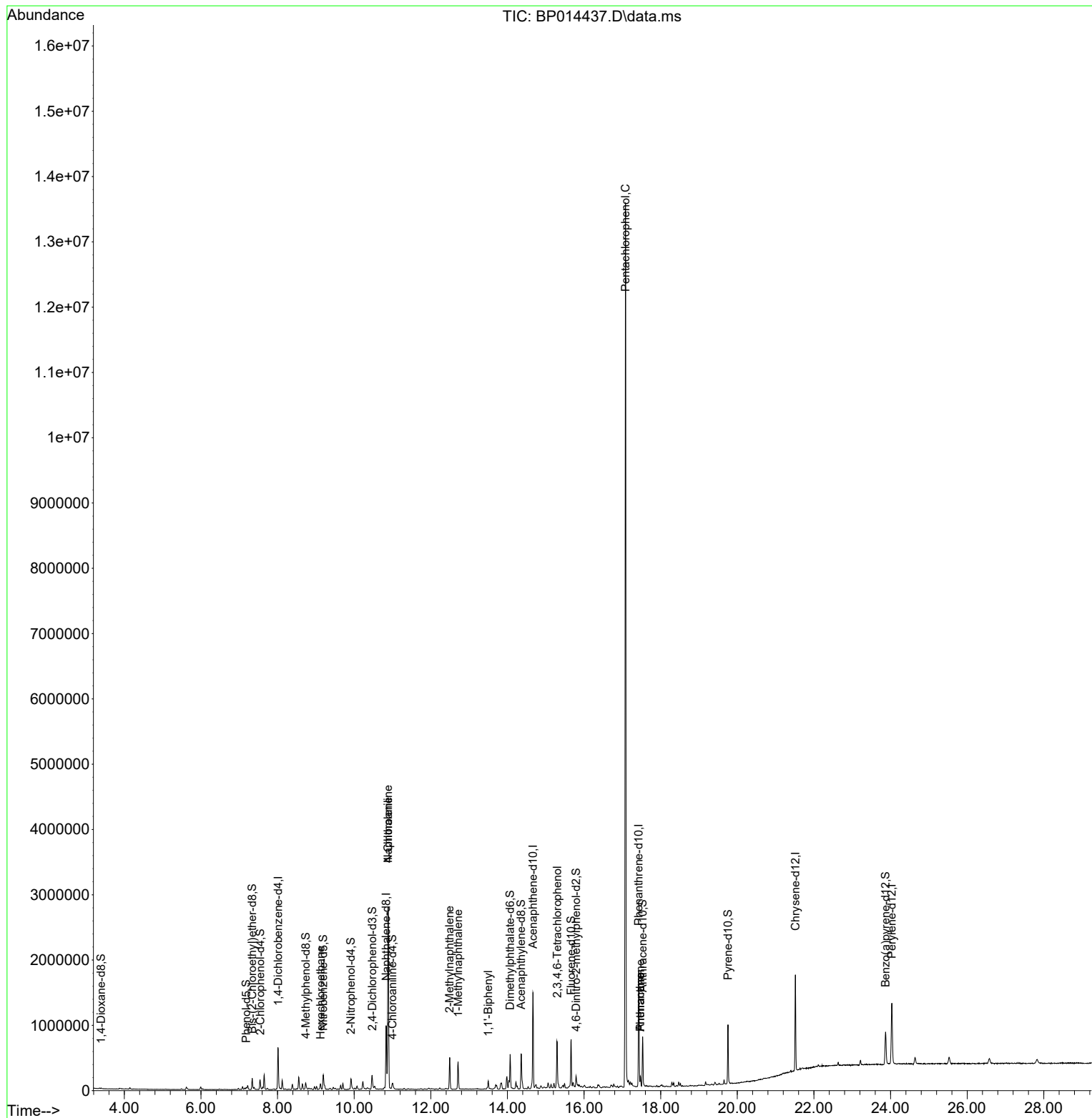
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	161320	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	736651	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	477063	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.428	188	993442	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	687608	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	725138	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	5050	1.214	ng/uL	0.00
4) Pyridine-d5	3.811	84	384	0.036	ng/ul	0.00
7) Phenol-d5	7.181	99	21075	1.417	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	80637	8.448	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	66484	6.183	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	44123	3.677	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	43040	7.237	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	47146	6.923	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	78590	6.337	ng/ul	0.01
31) 4-Chloroaniline-d4	10.993	131	39152	2.397	ng/ul	0.01
46) Dimethylphthalate-d6	14.069	166	329207	8.511	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	344705	8.031	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	138	0.024	ng/ul	-0.01
60) Fluorene-d10	15.663	176	274892	8.522	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	40479	5.538	ng/ul	0.00
73) Anthracene-d10	17.528	188	410992	8.548	ng/ul	0.00
81) Pyrene-d10	19.757	212	440767	9.543	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	313637	8.141	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Hexachloroethane	9.122	117	12284	2.512	ng/ul#	3
30) Naphthalene	10.887	128	2086914	50.860	ng/ul	99
32) 4-Chloroaniline	10.887	127	277009	16.742	ng/ul#	6
36) 2-Methylnaphthalene	12.492	142	216859	7.798	ng/ul	99
37) 1-Methylnaphthalene	12.710	142	182308	6.610	ng/ul	95
43) 1,1'-Biphenyl	13.498	154	61010	1.583	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.298	232	145204	14.418	ng/ul	98
71) Pentachlorophenol	17.080	266	2484754	302.053	ng/ul	99
72) Phenanthrene	17.469	178	88402	1.599	ng/ul	99
74) Anthracene	17.469	178	88510	1.589	ng/ul	98

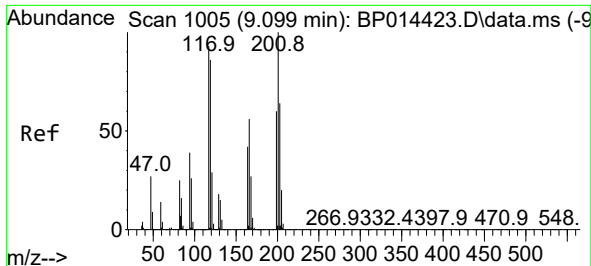
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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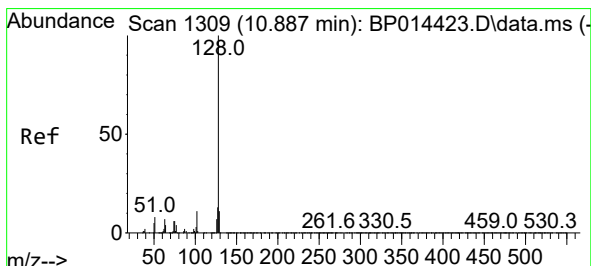
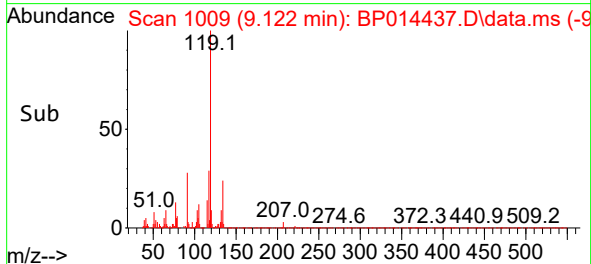
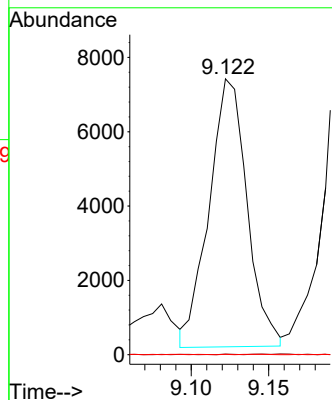
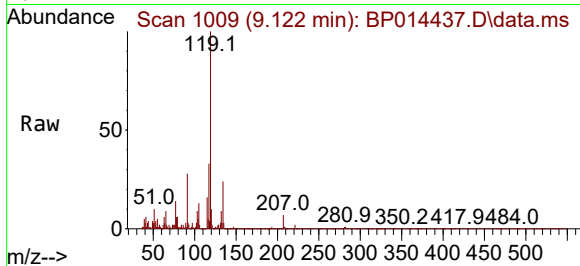




#19
Hexachloroethane
Concen: 2.512 ng/ul
RT: 9.122 min Scan# 1009
Delta R.T. 0.023 min
Lab File: BP014437.D
Acq: 31 Mar 2023 11:27

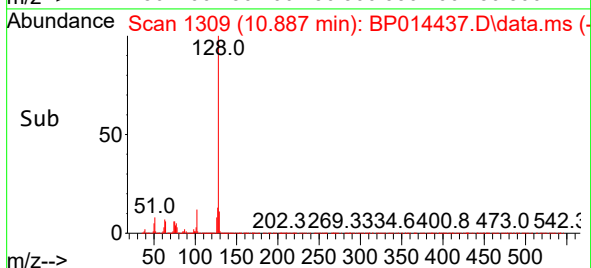
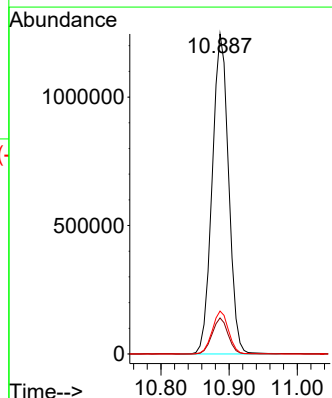
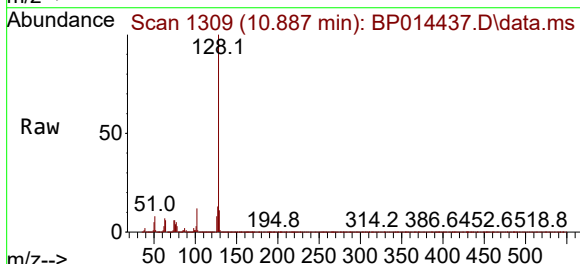
Instrument :
BNA_P
ClientSampleId :
C0QG6DL

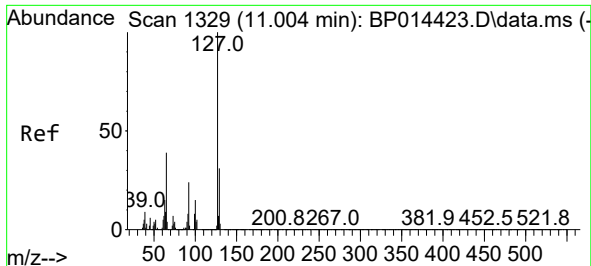
Tgt Ion:117 Resp: 12284
Ion Ratio Lower Upper
117 100
201 0.3 90.2 135.4#
199 0.1 54.2 81.2#



#30
Naphthalene
Concen: 50.860 ng/ul
RT: 10.887 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BP014437.D
Acq: 31 Mar 2023 11:27

Tgt Ion:128 Resp: 2086914
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.4 11.0 16.6

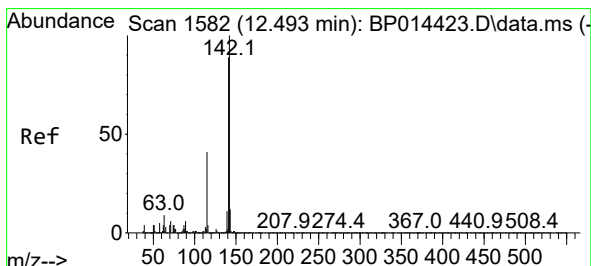
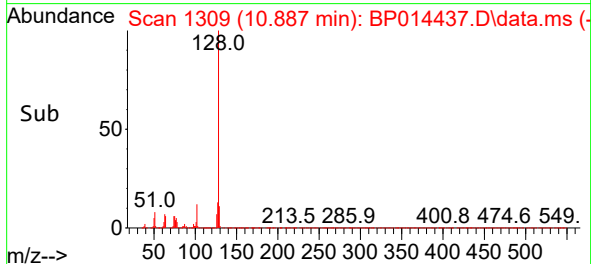
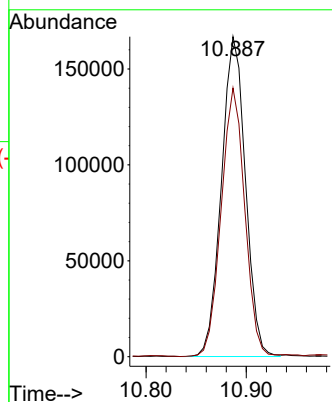
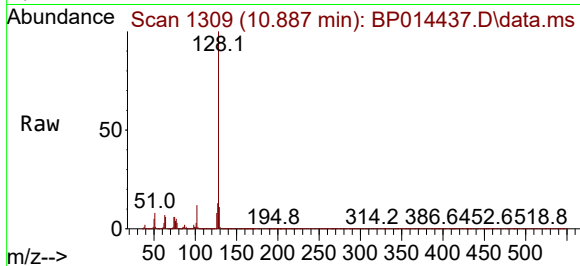




#32
4-Chloroaniline
Concen: 16.742 ng/ul
RT: 10.887 min Scan# 11
Delta R.T. -0.118 min
Lab File: BP014437.D
Acq: 31 Mar 2023 11:27

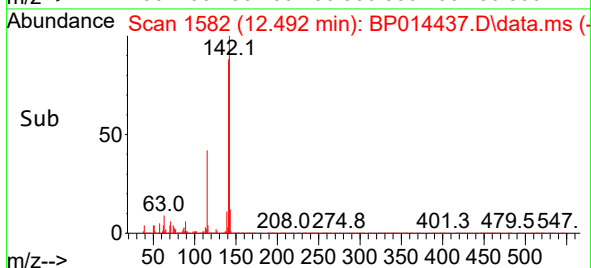
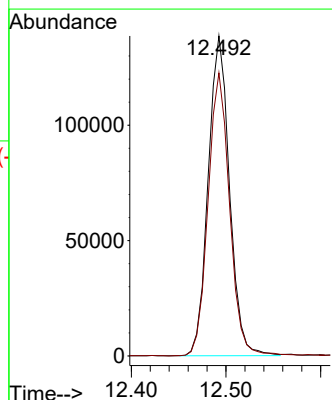
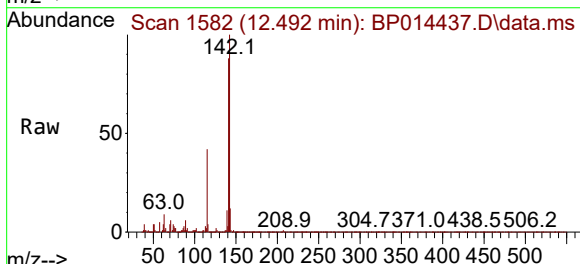
Instrument :
BNA_P
ClientSampleId :
C0QG6DL

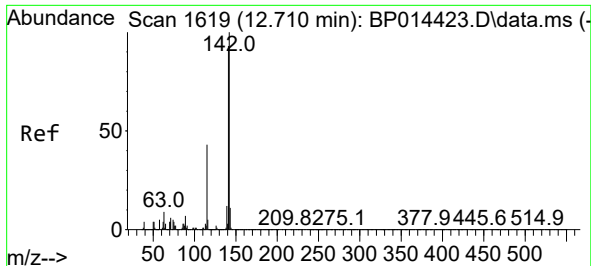
Tgt Ion:127 Resp: 277009
Ion Ratio Lower Upper
127 100
129 83.9 25.4 38.0#



#36
2-Methylnaphthalene
Concen: 7.798 ng/ul
RT: 12.492 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP014437.D
Acq: 31 Mar 2023 11:27

Tgt Ion:142 Resp: 216859
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4





#37

1-Methylnaphthalene

Concen: 6.610 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014437.D

Acq: 31 Mar 2023 11:27

Instrument :

BNA_P

ClientSampleId :

C0QG6DL

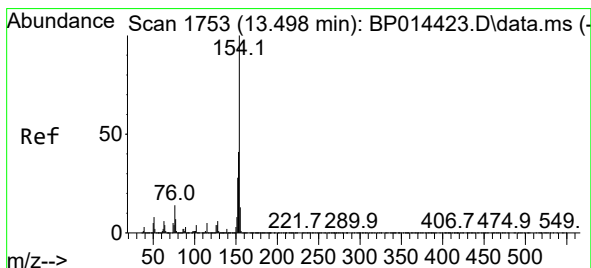
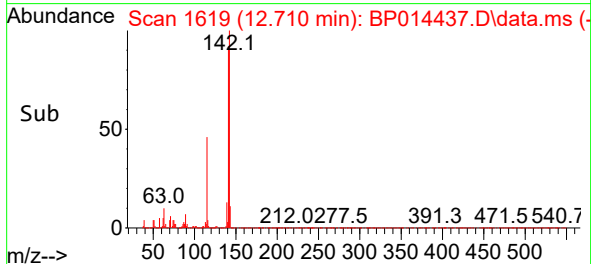
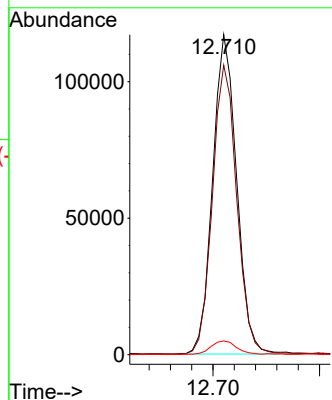
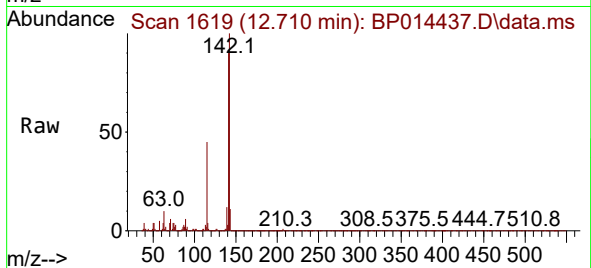
Tgt Ion:142 Resp: 182308

Ion Ratio Lower Upper

142 100

141 90.5 76.6 114.8

116 4.3 3.6 5.4



#43

1,1'-Biphenyl

Concen: 1.583 ng/ul

RT: 13.498 min Scan# 1753

Delta R.T. -0.000 min

Lab File: BP014437.D

Acq: 31 Mar 2023 11:27

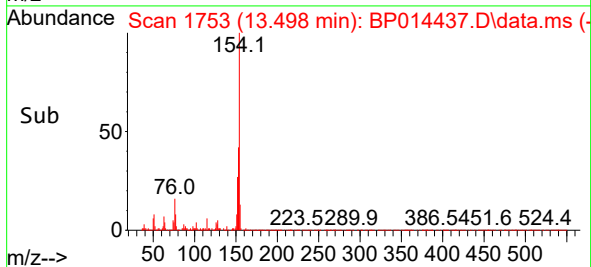
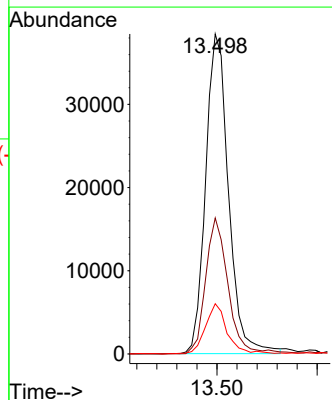
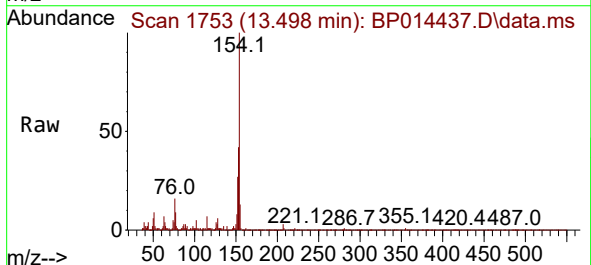
Tgt Ion:154 Resp: 61010

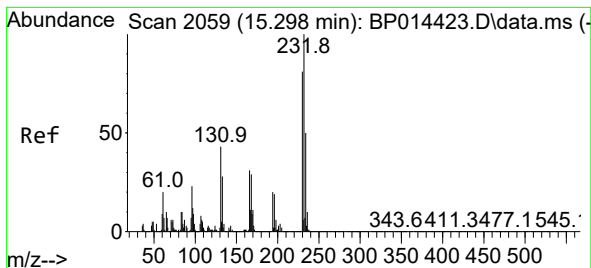
Ion Ratio Lower Upper

154 100

153 42.5 32.4 48.6

76 15.7 10.7 16.1

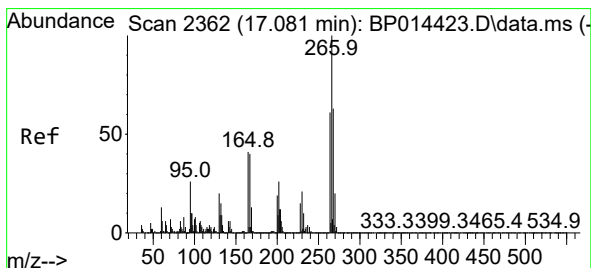
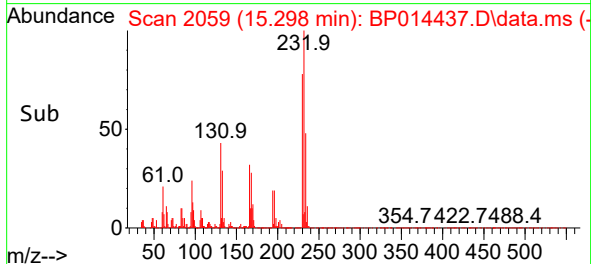
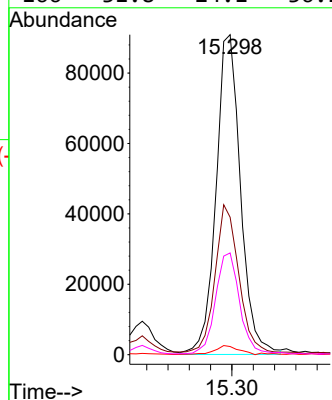
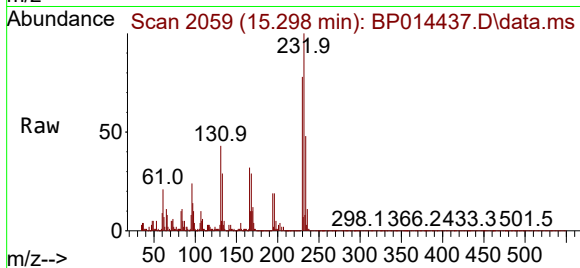




#58
2,3,4,6-Tetrachlorophenol
Concen: 14.418 ng/ul
RT: 15.298 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BP014437.D
Acq: 31 Mar 2023 11:27

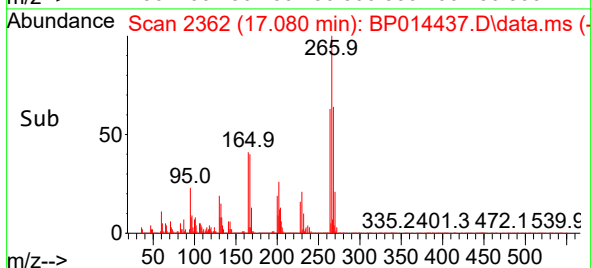
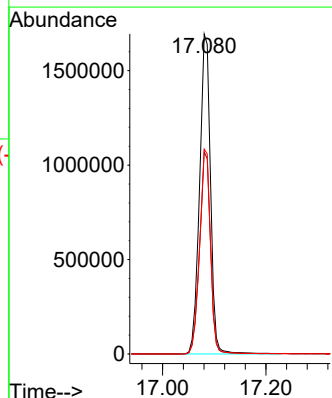
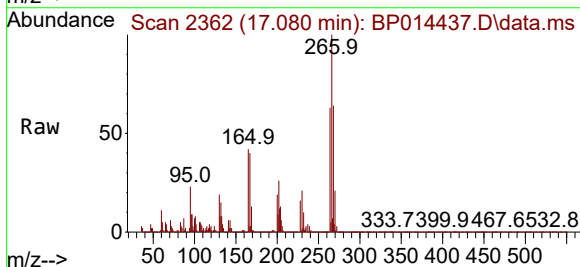
Instrument :
BNA_P
ClientSampleId :
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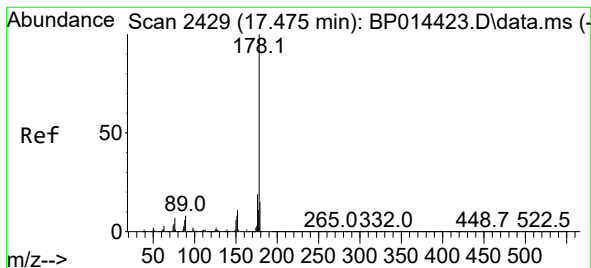
Tgt Ion:	232	Resp:	145204
Ion Ratio	Lower	Upper	
232	100		
131	42.9	35.0	52.4
130	2.5	1.9	2.9
166	31.8	24.1	36.1



#71
Pentachlorophenol
Concen: 302.053 ng/ul
RT: 17.080 min Scan# 2362
Delta R.T. -0.000 min
Lab File: BP014437.D
Acq: 31 Mar 2023 11:27

Tgt Ion:	266	Resp:	2484754
Ion Ratio	Lower	Upper	
266	100		
264	63.2	51.0	76.4
268	64.0	51.4	77.2





#72

Phenanthrene

Concen: 1.599 ng/ul

RT: 17.469 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BP014437.D

Acq: 31 Mar 2023 11:27

Instrument :

BNA_P

ClientSampleId :

C0QG6DL

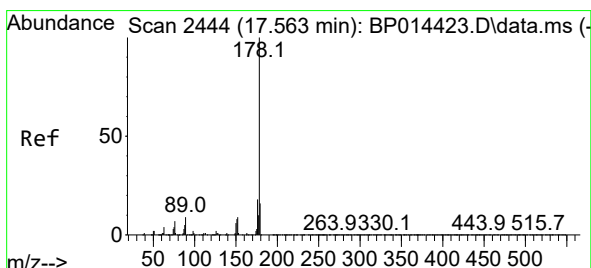
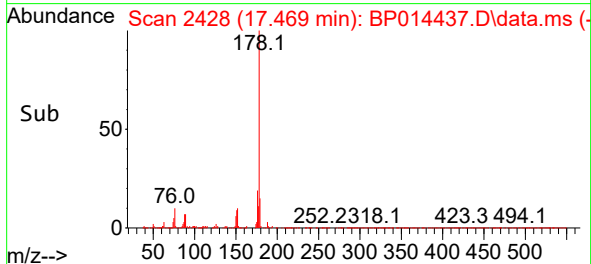
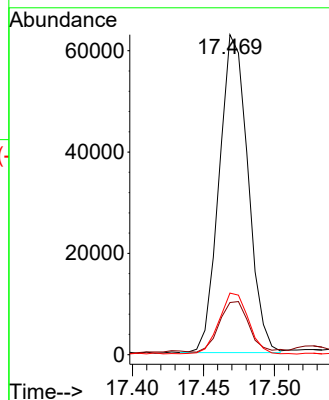
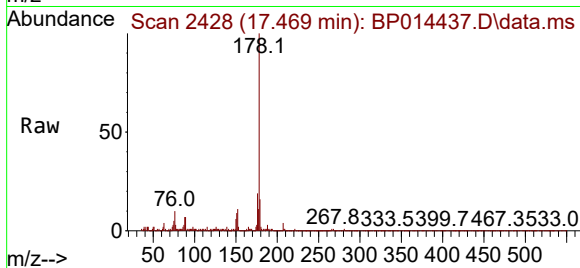
Tgt Ion:178 Resp: 88402

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.4

176 19.2 15.3 22.9



#74

Anthracene

Concen: 1.589 ng/ul

RT: 17.469 min Scan# 2428

Delta R.T. -0.094 min

Lab File: BP014437.D

Acq: 31 Mar 2023 11:27

Tgt Ion:178 Resp: 88510

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.4

176 19.2 14.9 22.3

