

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038881.D
 Acq On : 06 Mar 2023 21:03
 Operator : CG/JU
 Sample : 01746-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE6

Quant Time: Mar 07 00:00:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 06 23:57:30 2023
 Response via : Initial Calibration

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

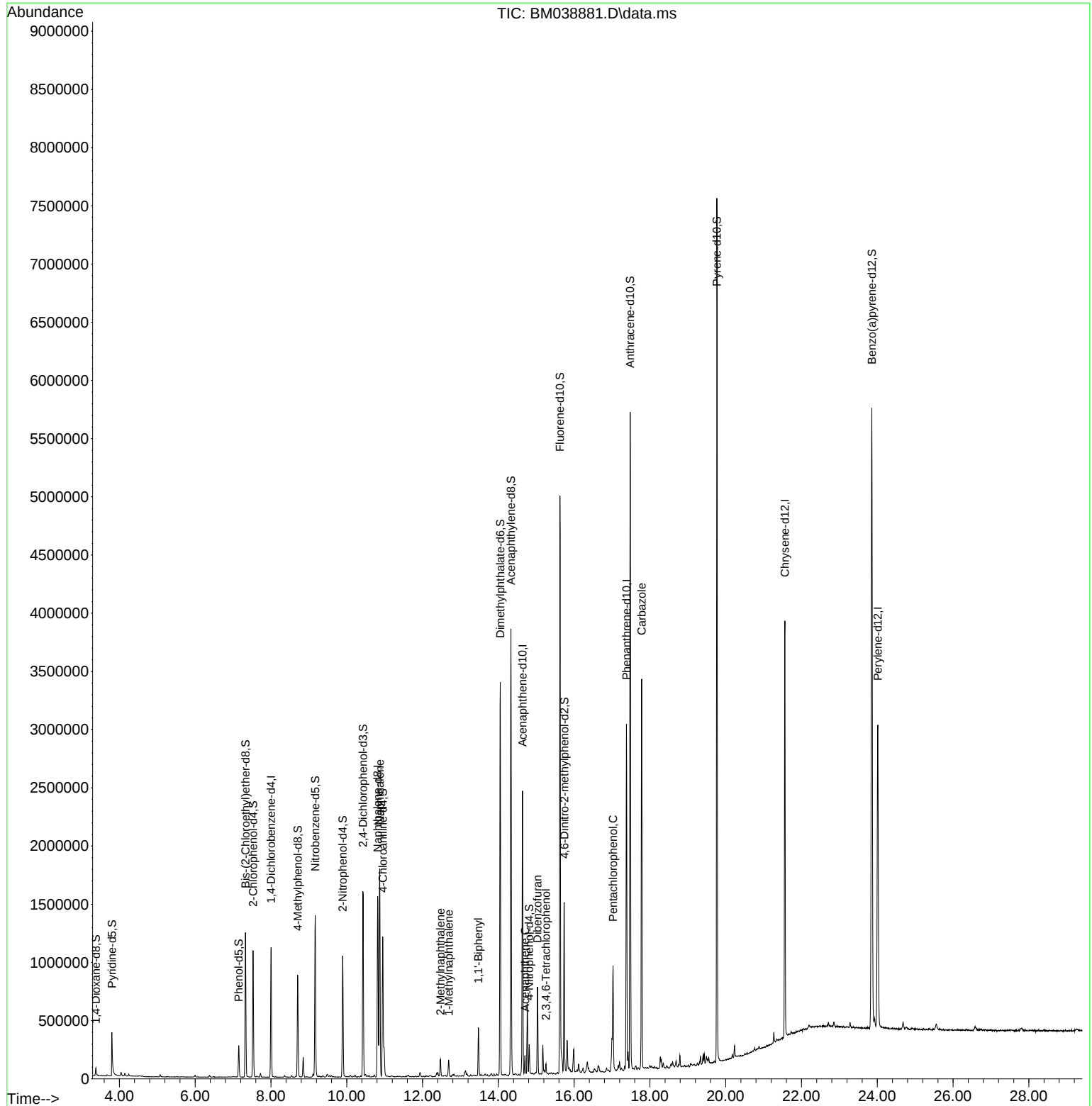
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	288759	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1298471	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	797188	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1702131	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1645991	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1968642	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	34856	4.507	ng/uL	0.00
4) Pyridine-d5	3.804	84	226469	10.651	ng/u1	0.00
7) Phenol-d5	7.151	99	150718	5.567	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	523617	30.271	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	480821	23.835	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	303972	14.253	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	323459	35.484	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	310712	36.376	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	555277	27.976	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	626039	18.923	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2112779	34.218	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2367516	32.806	ng/u1	0.00
54) 4-Nitrophenol-d4	14.815	143	53903	4.361	ng/u1	0.00
60) Fluorene-d10	15.627	176	1863655	34.224	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	275778	31.165	ng/u1	0.00
73) Anthracene-d10	17.480	188	3068043	36.554	ng/u1	0.00
81) Pyrene-d10	19.768	212	3681060	40.661	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.856	264	3858456	38.893	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.869	128	1454782	19.635	ng/u1	100
36) 2-Methylnaphthalene	12.474	142	67433	1.394	ng/u1	99
37) 1-Methylnaphthalene	12.692	142	48771	1.001	ng/u1#	98
43) 1,1'-Biphenyl	13.474	154	204664	3.255	ng/u1	99
52) Acenaphthene	14.704	153	62743	1.139	ng/u1	98
56) Dibenzofuran	15.033	168	461369	6.032	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.257	232	15344	1.065	ng/u1#	93
71) Pentachlorophenol	17.027	266	129213	10.015	ng/u1	99
77) Carbazole	17.786	167	2123966	22.842	ng/u1	99

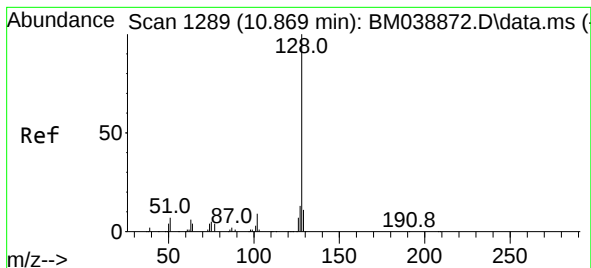
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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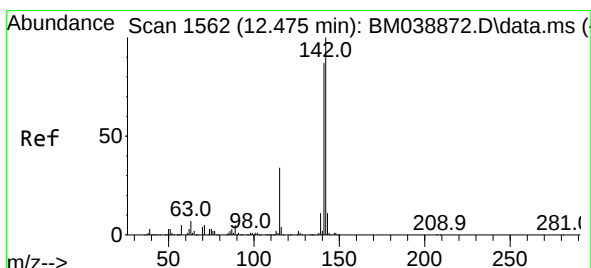
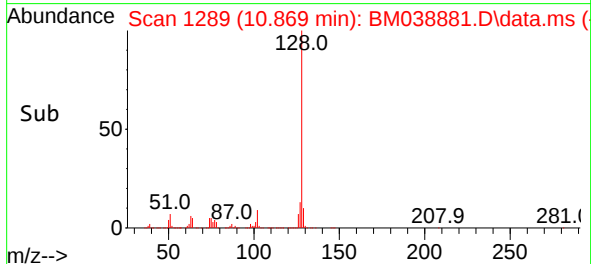
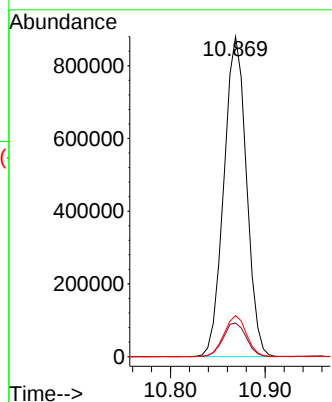
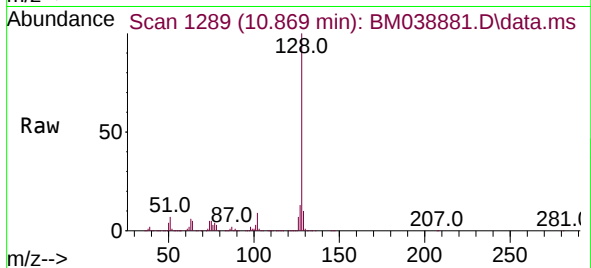




#30
Naphthalene
Concen: 19.635 ng/ul
RT: 10.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BM038881.D
Acq: 06 Mar 2023 21:03

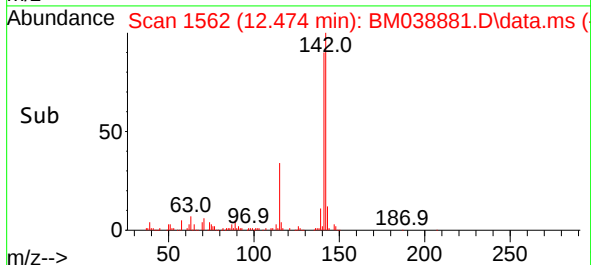
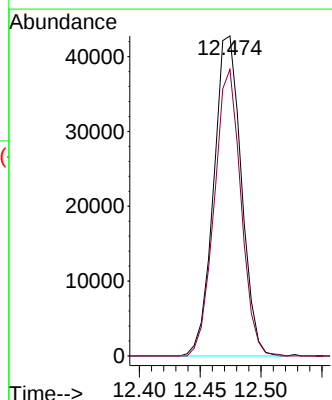
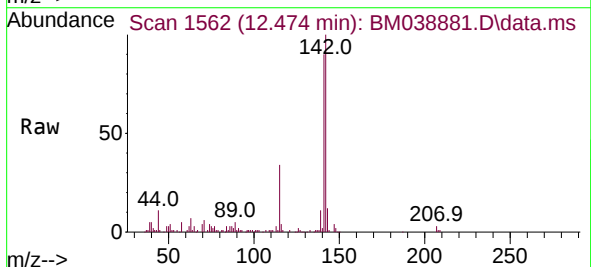
Instrument :
BNA_M
ClientSampleId :
DCAE6

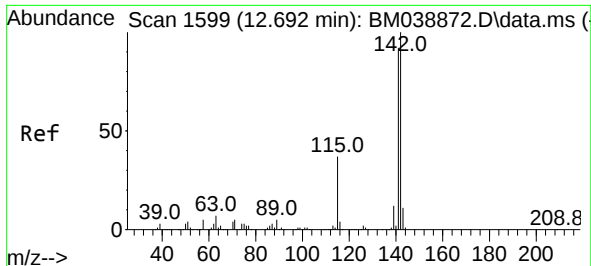
Tgt Ion:128 Resp: 1454782
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.8 10.2 15.4



#36
2-Methylnaphthalene
Concen: 1.394 ng/ul
RT: 12.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BM038881.D
Acq: 06 Mar 2023 21:03

Tgt Ion:142 Resp: 67433
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6

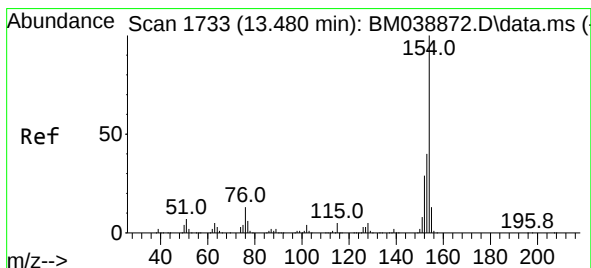
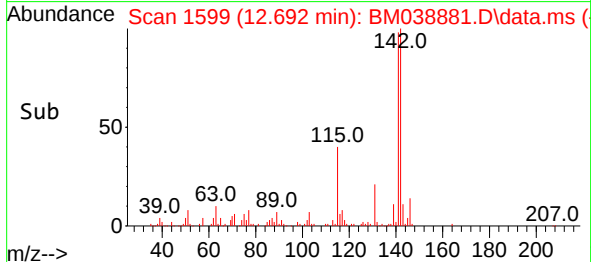
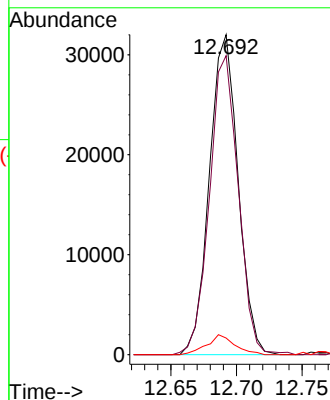
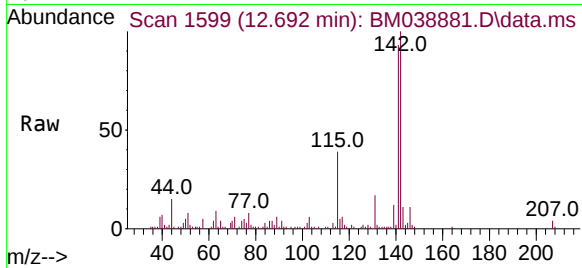




#37
1-Methylnaphthalene
Concen: 1.001 ng/ul
RT: 12.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM038881.D
Acq: 06 Mar 2023 21:03

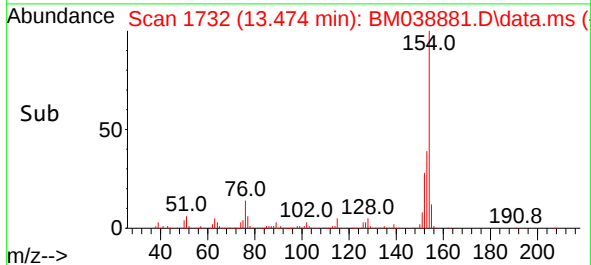
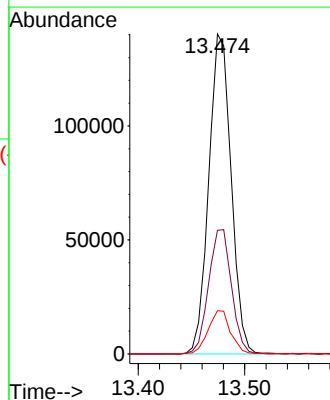
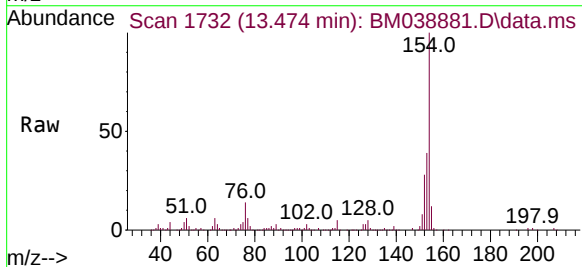
Instrument :
BNA_M
ClientSampleId :
DCAE6

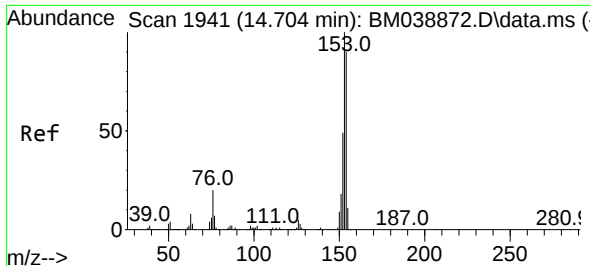
Tgt Ion:142 Resp: 48771
Ion Ratio Lower Upper
142 100
141 93.4 73.4 110.0
116 5.2 3.2 4.8#



#43
1,1'-Biphenyl
Concen: 3.255 ng/ul
RT: 13.474 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM038881.D
Acq: 06 Mar 2023 21:03

Tgt Ion:154 Resp: 204664
Ion Ratio Lower Upper
154 100
153 38.7 31.3 46.9
76 13.5 11.0 16.6

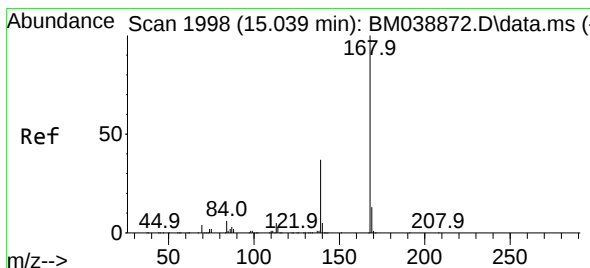
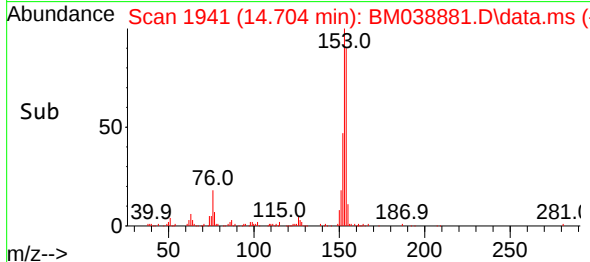
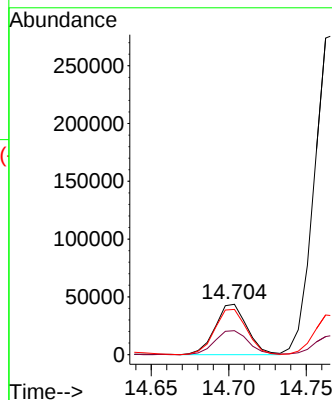
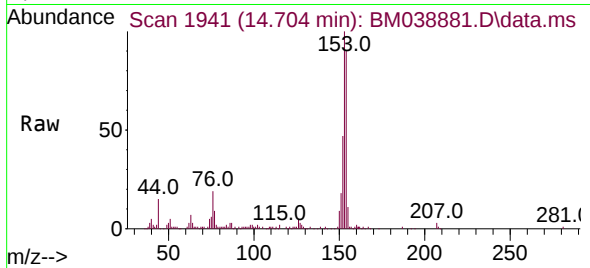




#52
Acenaphthene
Concen: 1.139 ng/ul
RT: 14.704 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM038881.D
Acq: 06 Mar 2023 21:03

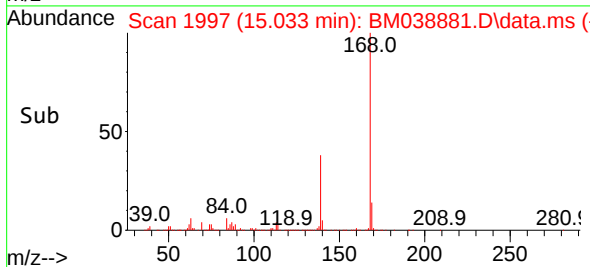
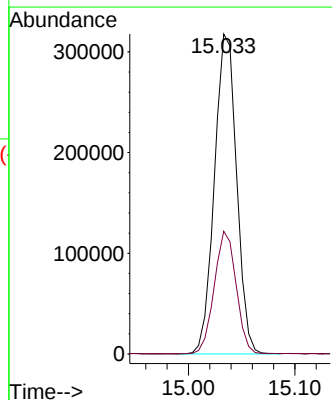
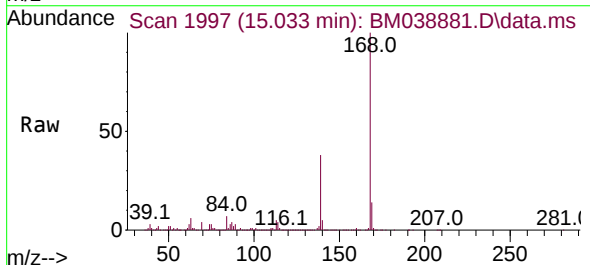
Instrument :
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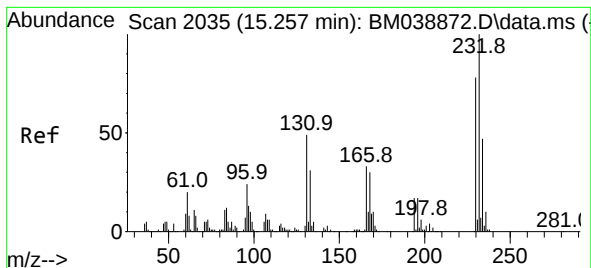
Tgt Ion:153 Resp: 62743
Ion Ratio Lower Upper
153 100
152 47.4 39.1 58.7
154 89.7 70.4 105.6



#56
Dibenzofuran
Concen: 6.032 ng/ul
RT: 15.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM038881.D
Acq: 06 Mar 2023 21:03

Tgt Ion:168 Resp: 461369
Ion Ratio Lower Upper
168 100
139 38.3 30.9 46.3

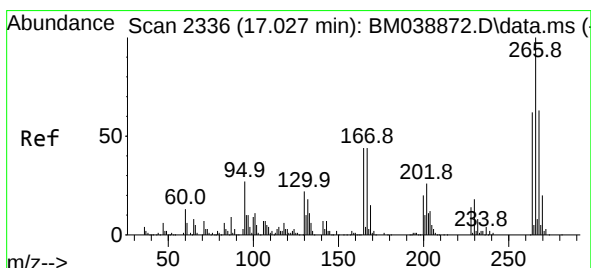
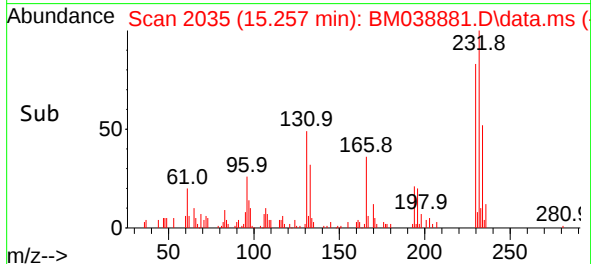
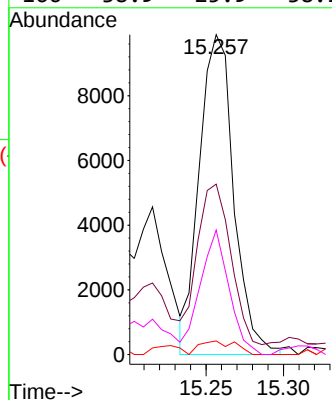
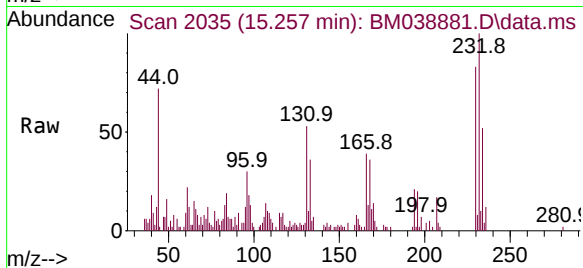




#58
2,3,4,6-Tetrachlorophenol
Concen: 1.065 ng/ul
RT: 15.257 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BM038881.D
Acq: 06 Mar 2023 21:03

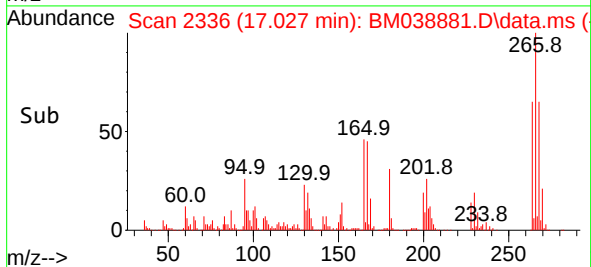
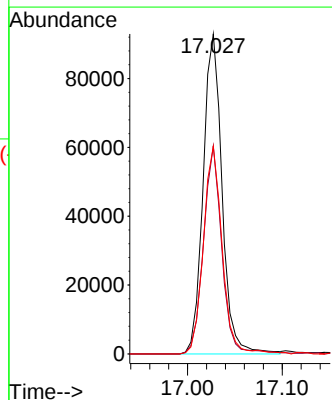
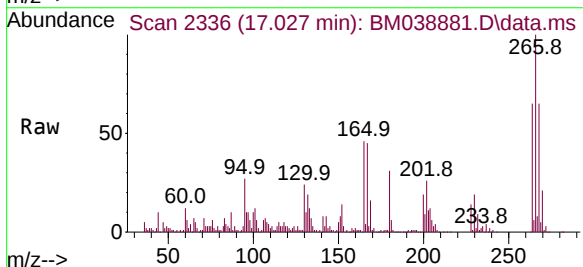
Instrument :
BNA_M
ClientSampleId :
DCAE6

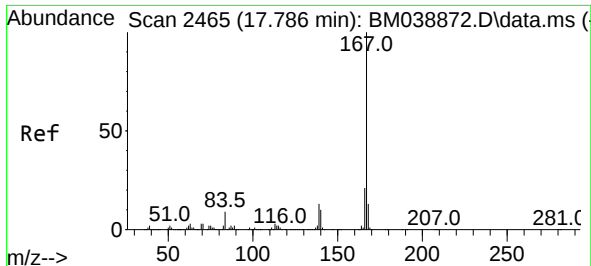
Tgt Ion:	232	Resp:	15344
Ion Ratio	Lower	Upper	
232	100		
131	53.3	40.6	60.8
130	4.3	2.0	3.0#
166	38.9	25.9	38.9#



#71
Pentachlorophenol
Concen: 10.015 ng/ul
RT: 17.027 min Scan# 2336
Delta R.T. -0.000 min
Lab File: BM038881.D
Acq: 06 Mar 2023 21:03

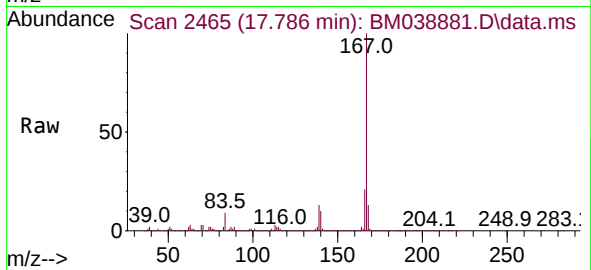
Tgt Ion:	266	Resp:	129213
Ion Ratio	Lower	Upper	
266	100		
264	64.9	51.0	76.6
268	64.9	51.7	77.5





#77
 Carbazole
 Concen: 22.842 ng/ul
 RT: 17.786 min Scan# 2465
 Delta R.T. -0.000 min
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Tgt Ion:167 Resp: 2123966

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.0	10.6	16.0

