

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038911.D
 Acq On : 08 Mar 2023 00:43
 Operator : CG/JU
 Sample : 01746-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE2

Quant Time: Mar 08 01:36:51 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)

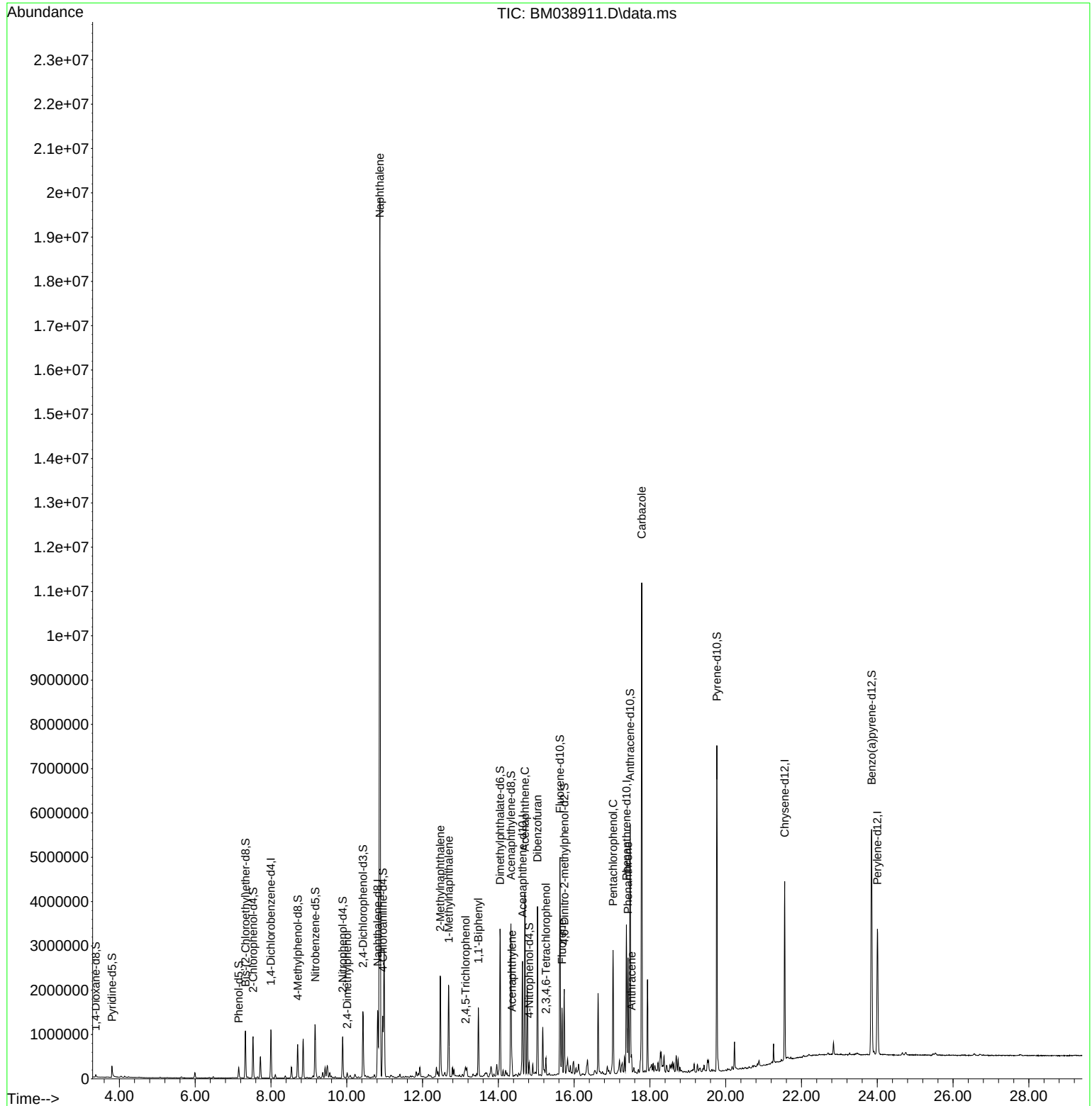
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	290392	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1323971	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	857562	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1873403	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1793261	20.000	ng/u1	0.00
88) Perylene-d12	24.003	264	2087331	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	30789	3.959	ng/uL	0.00
4) Pyridine-d5	3.804	84	160768	7.519	ng/u1	0.00
7) Phenol-d5	7.151	99	133178	4.892	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	460821	26.491	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	417602	20.585	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	263008	12.263	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	288508	31.040	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	276139	31.706	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	494199	24.419	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	666558	19.760	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2098776	31.598	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2192318	28.240	ng/u1	0.00
54) 4-Nitrophenol-d4	14.815	143	58810	4.423	ng/u1	0.00
60) Fluorene-d10	15.627	176	1828283	31.210	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	321688	33.029	ng/u1	0.00
73) Anthracene-d10	17.480	188	3085906	33.405	ng/u1	0.00
81) Pyrene-d10	19.768	212	3652998	37.037	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.850	264	3754966	35.697	ng/u1	0.00
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.010	107	32699	1.289	ng/u1	88
30) Naphthalene	10.869	128	15779301	208.864	ng/u1	95
36) 2-Methylnaphthalene	12.469	142	1028659	20.860	ng/u1	100
37) 1-Methylnaphthalene	12.692	142	913922	18.394	ng/u1	99
42) 2,4,5-Trichlorophenol	13.139	196	32626	1.832	ng/u1	96
43) 1,1'-Biphenyl	13.474	154	737922	10.909	ng/u1	98
50) Acenaphthylene	14.357	152	174847	2.031	ng/u1	97
52) Acenaphthene	14.704	153	1656197	27.946	ng/u1	99
56) Dibenzofuran	15.033	168	2256058	27.420	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	68391	4.411	ng/u1#	97
61) Fluorene	15.680	166	647556	9.387	ng/u1	99
71) Pentachlorophenol	17.027	266	259303	18.260	ng/u1	98
72) Phenanthrene	17.421	178	1386218	12.807	ng/u1	99
74) Anthracene	17.515	178	128821	1.169	ng/u1	99
77) Carbazole	17.786	167	6585962	64.351	ng/u1	100

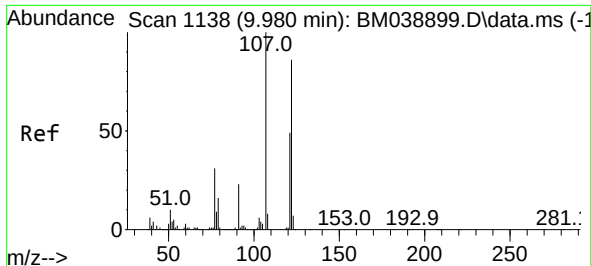
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038911.D
Acq On : 08 Mar 2023 00:43
Operator : CG/JU
Sample : 01746-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE2

Quant Time: Mar 08 01:36:51 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

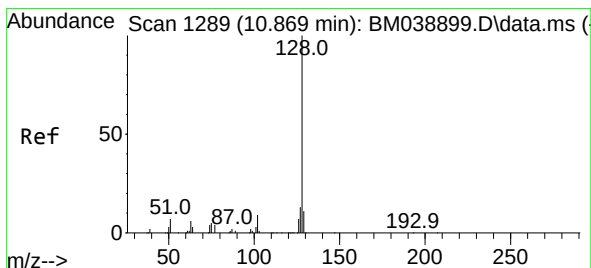
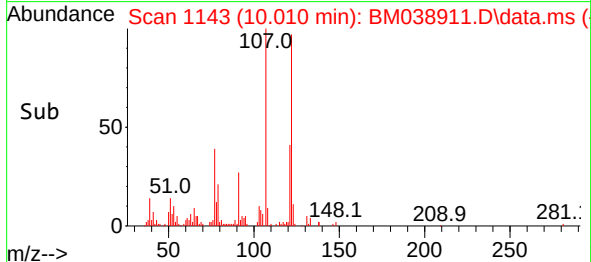
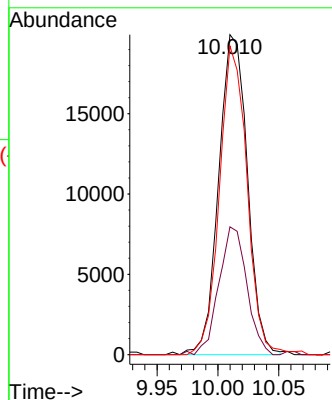
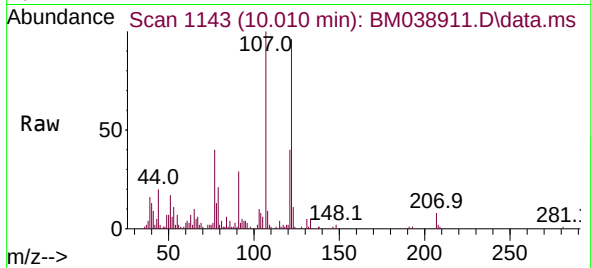




#26
2,4-Dimethylphenol
Concen: 1.289 ng/ul
RT: 10.010 min Scan# 1138
Delta R.T. 0.023 min
Lab File: BM038911.D
Acq: 08 Mar 2023 00:43

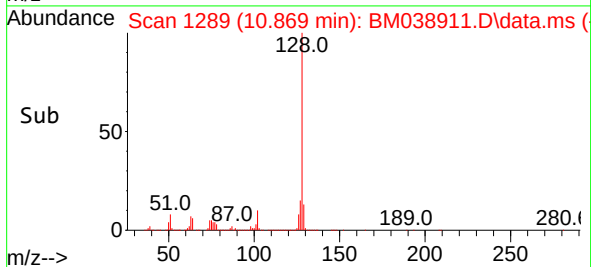
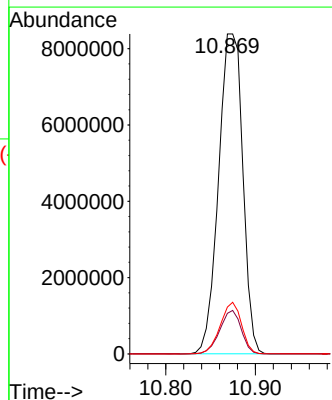
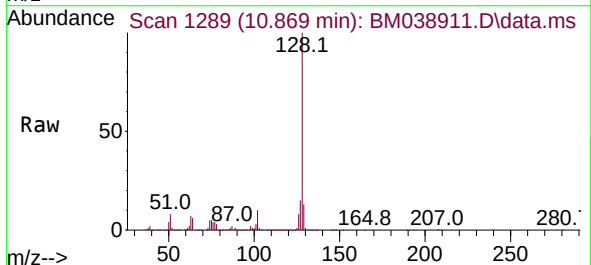
Instrument :
BNA_M
ClientSampleId :
DCAE2

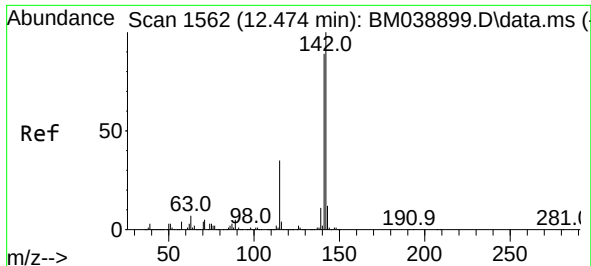
Tgt Ion:107 Resp: 32699
Ion Ratio Lower Upper
107 100
121 39.9 39.8 59.8
122 96.4 69.0 103.4



#30
Naphthalene
Concen: 208.864 ng/ul
RT: 10.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BM038911.D
Acq: 08 Mar 2023 00:43

Tgt Ion:128 Resp:15779301
Ion Ratio Lower Upper
128 100
129 12.7 8.6 12.8
127 14.6 10.2 15.4

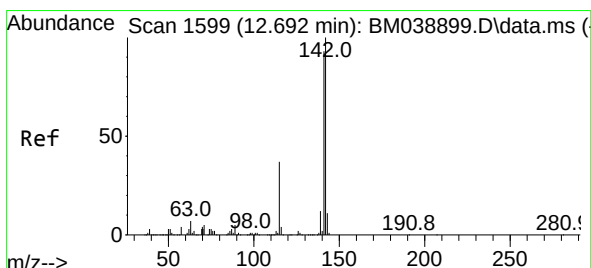
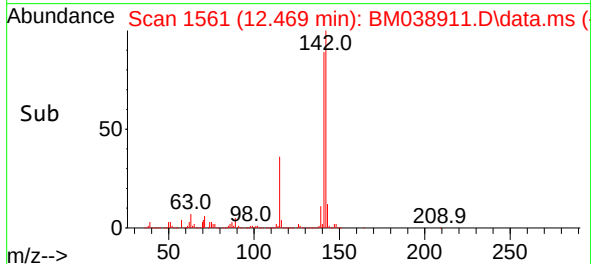
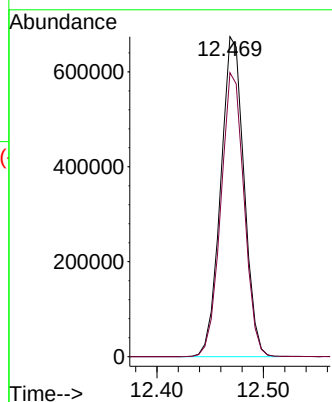
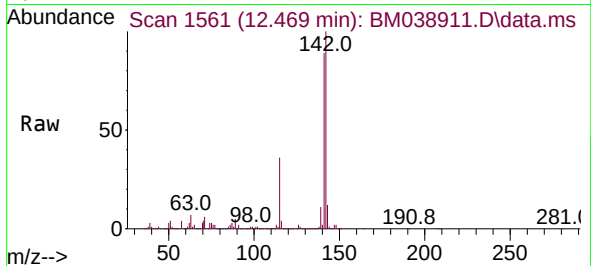




#36
2-Methylnaphthalene
Concen: 20.860 ng/ul
RT: 12.469 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM038911.D
Acq: 08 Mar 2023 00:43

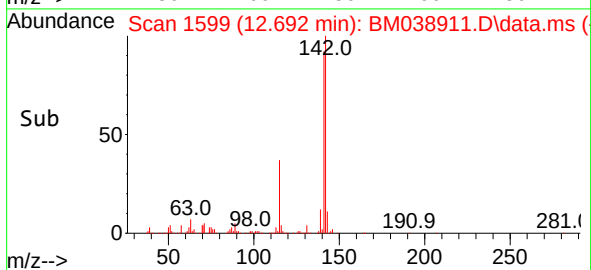
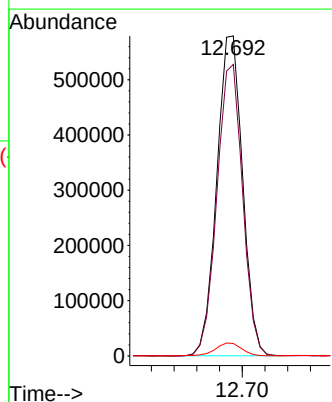
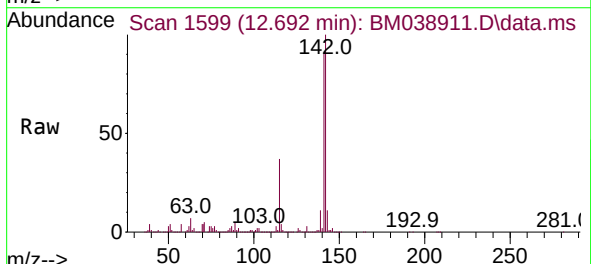
Instrument :
BNA_M
ClientSampleId :
DCAE2

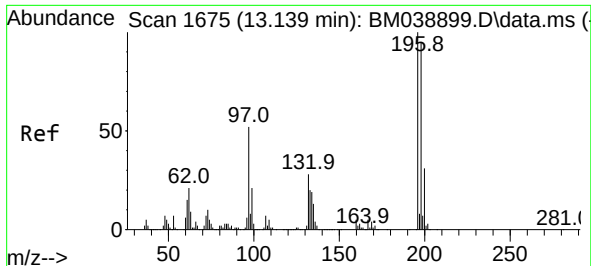
Tgt Ion:142 Resp: 1028659
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6



#37
1-Methylnaphthalene
Concen: 18.394 ng/ul
RT: 12.692 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BM038911.D
Acq: 08 Mar 2023 00:43

Tgt Ion:142 Resp: 913922
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.0
116 3.9 3.2 4.8

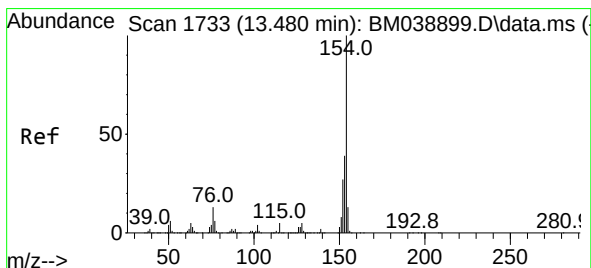
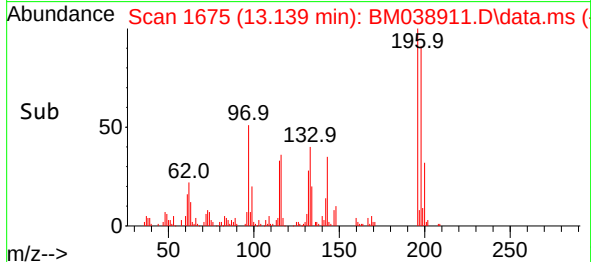
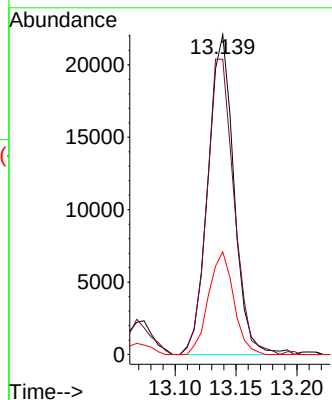
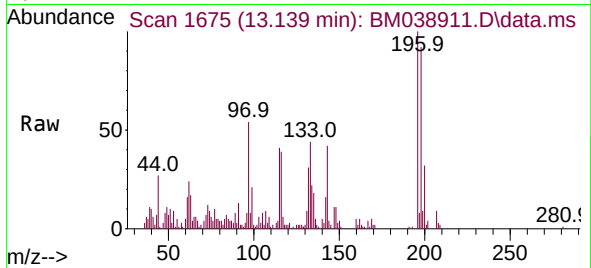




#42
2,4,5-Trichlorophenol
Concen: 1.832 ng/ul
RT: 13.139 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038911.D
Acq: 08 Mar 2023 00:43

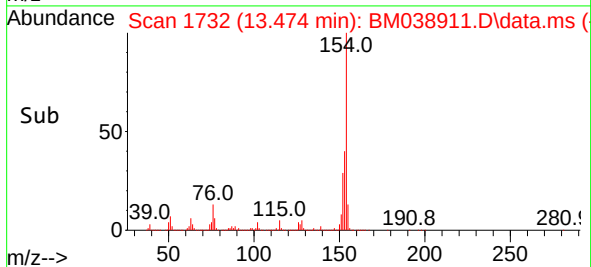
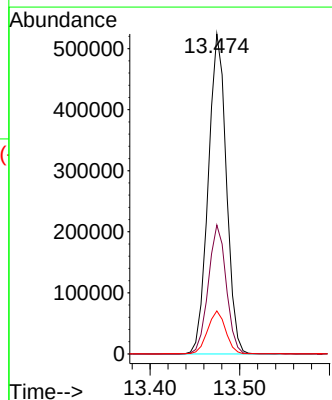
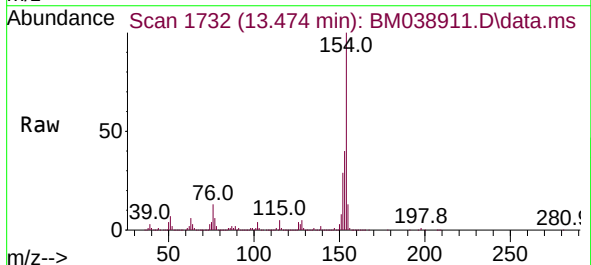
Instrument :
BNA_M
ClientSampleId :
DCAE2

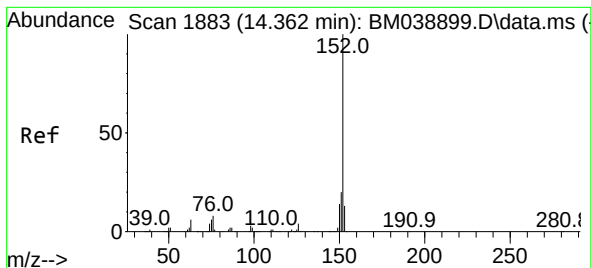
Tgt Ion:196 Resp: 32626
Ion Ratio Lower Upper
196 100
198 92.3 77.5 116.3
200 32.1 24.8 37.2



#43
1,1'-Biphenyl
Concen: 10.909 ng/ul
RT: 13.474 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM038911.D
Acq: 08 Mar 2023 00:43

Tgt Ion:154 Resp: 737922
Ion Ratio Lower Upper
154 100
153 40.3 31.3 46.9
76 13.5 11.0 16.6





#50

Acenaphthylene

Concen: 2.031 ng/ul

RT: 14.357 min Scan# 1883

Delta R.T. -0.006 min

Lab File: BM038911.D

Acq: 08 Mar 2023 00:43

Instrument :

BNA_M

ClientSampleId :

DCAE2

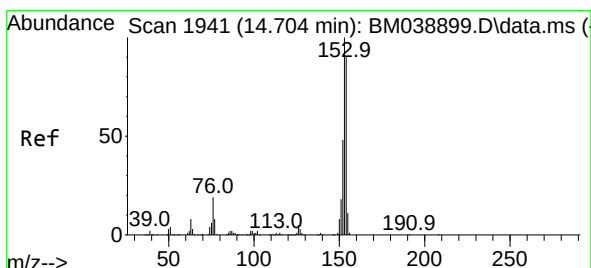
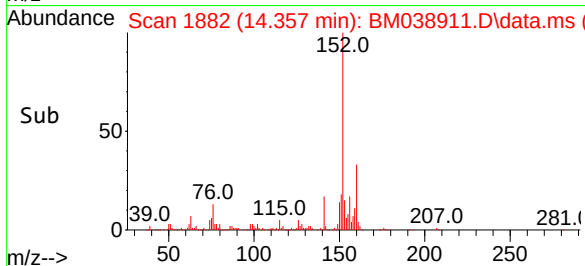
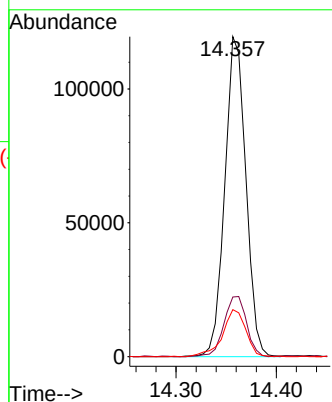
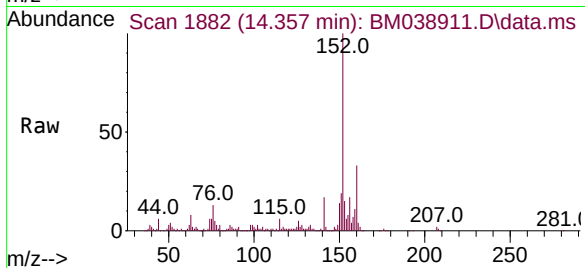
Tgt Ion:152 Resp: 174847

Ion Ratio Lower Upper

152 100

151 18.6 15.9 23.9

153 14.7 10.4 15.6



#52

Acenaphthene

Concen: 27.946 ng/ul

RT: 14.704 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BM038911.D

Acq: 08 Mar 2023 00:43

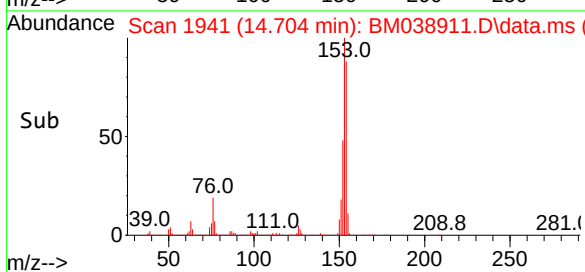
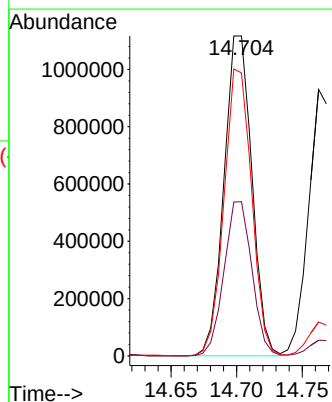
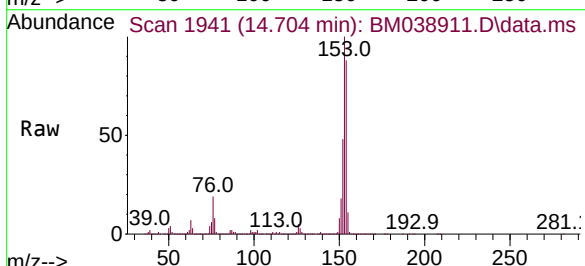
Tgt Ion:153 Resp: 1656197

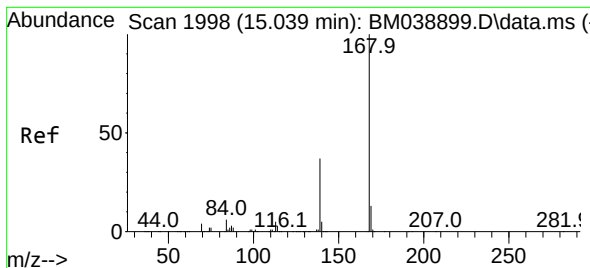
Ion Ratio Lower Upper

153 100

152 48.2 39.1 58.7

154 88.4 70.4 105.6

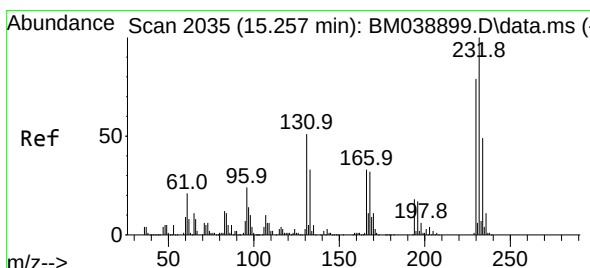
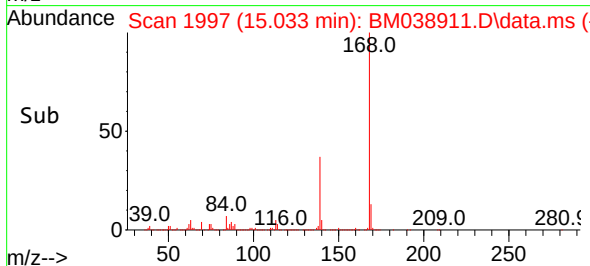
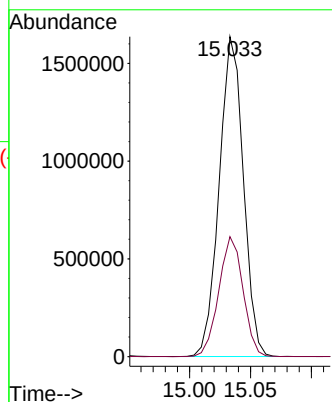
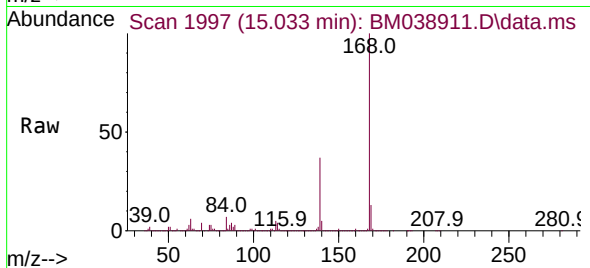




#56
Dibenzofuran
Concen: 27.420 ng/ul
RT: 15.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM038911.D
Acq: 08 Mar 2023 00:43

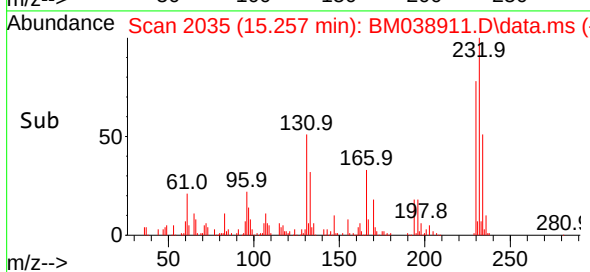
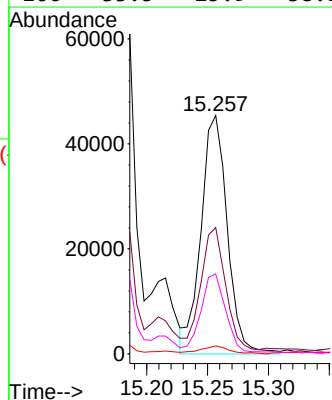
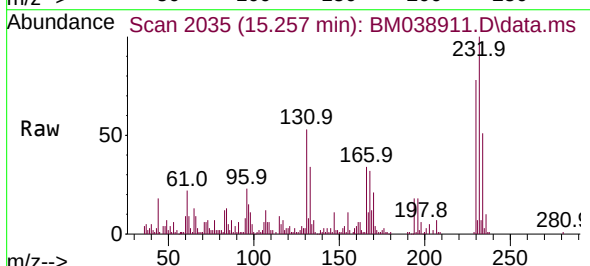
Instrument :
BNA_M
ClientSampleId :
DCAE2

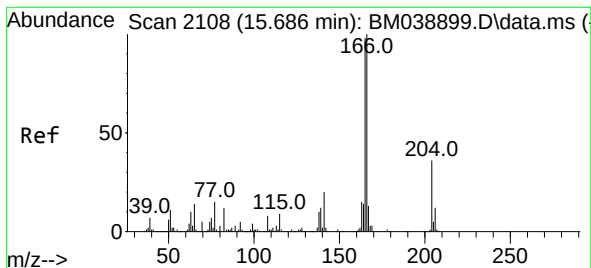
Tgt Ion:168 Resp: 2256058
Ion Ratio Lower Upper
168 100
139 37.5 30.9 46.3



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.411 ng/ul
RT: 15.257 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BM038911.D
Acq: 08 Mar 2023 00:43

Tgt Ion:232 Resp: 68391
Ion Ratio Lower Upper
232 100
131 52.9 40.6 60.8
130 3.3 2.0 3.0#
166 33.5 25.9 38.9





#61

Fluorene

Concen: 9.387 ng/ul

RT: 15.680 min Scan# 2108

Delta R.T. -0.006 min

Lab File: BM038911.D

Acq: 08 Mar 2023 00:43

Instrument :

BNA_M

ClientSampleId :

DCAE2

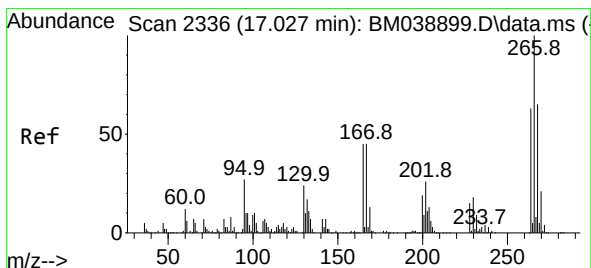
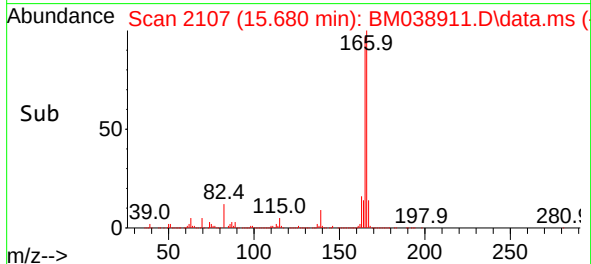
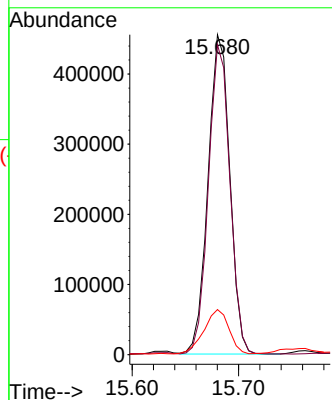
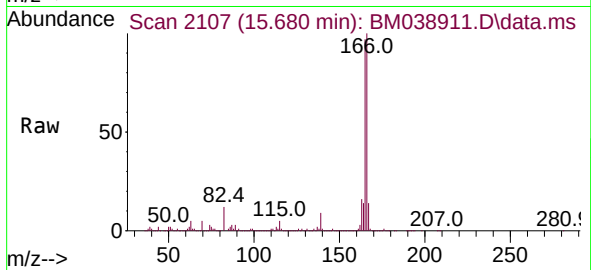
Tgt Ion:166 Resp: 647556

Ion Ratio Lower Upper

166 100

165 96.8 78.2 117.4

167 14.1 10.5 15.7



#71

Pentachlorophenol

Concen: 18.260 ng/ul

RT: 17.027 min Scan# 2336

Delta R.T. -0.000 min

Lab File: BM038911.D

Acq: 08 Mar 2023 00:43

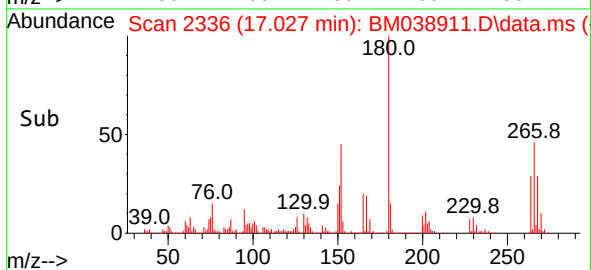
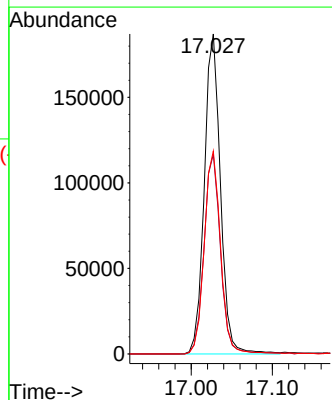
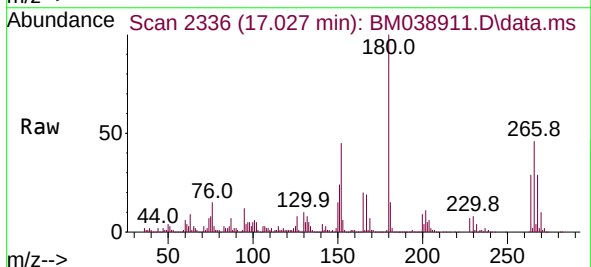
Tgt Ion:266 Resp: 259303

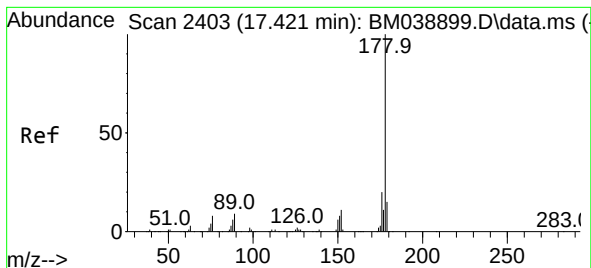
Ion Ratio Lower Upper

266 100

264 62.4 51.0 76.6

268 63.4 51.7 77.5





#72

Phenanthrene

Concen: 12.807 ng/ul

RT: 17.421 min Scan# 2403

Delta R.T. -0.006 min

Lab File: BM038911.D

Acq: 08 Mar 2023 00:43

Instrument :

BNA_M

ClientSampleId :

DCAE2

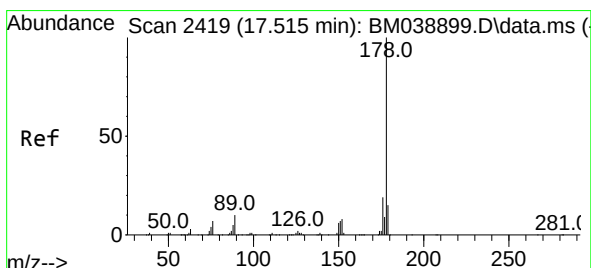
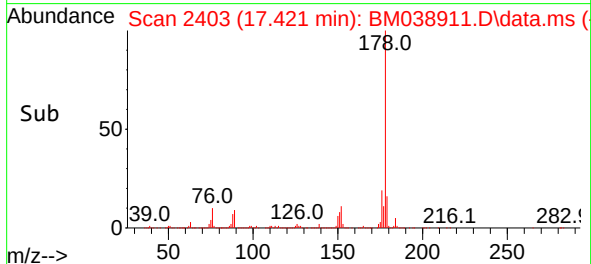
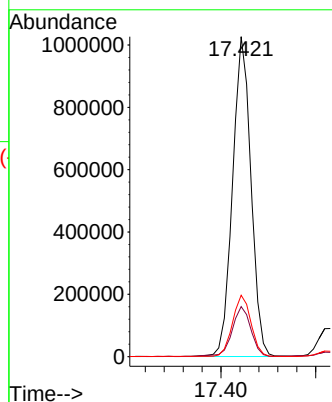
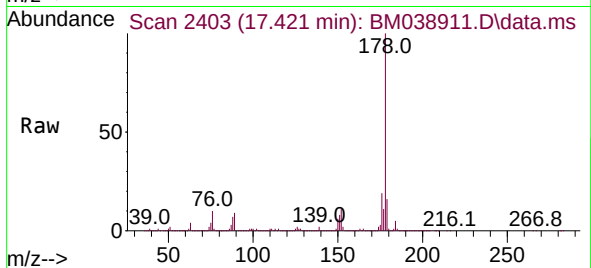
Tgt Ion:178 Resp: 1386218

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 19.2 15.7 23.5



#74

Anthracene

Concen: 1.169 ng/ul

RT: 17.515 min Scan# 2419

Delta R.T. -0.000 min

Lab File: BM038911.D

Acq: 08 Mar 2023 00:43

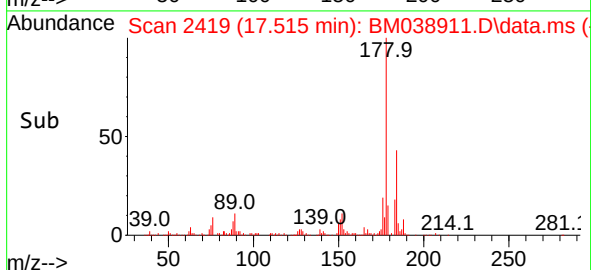
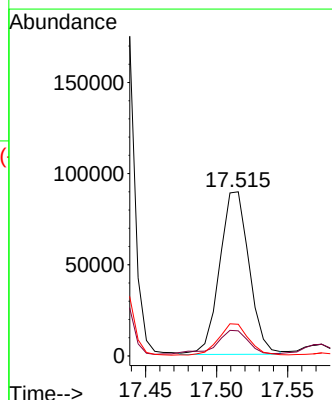
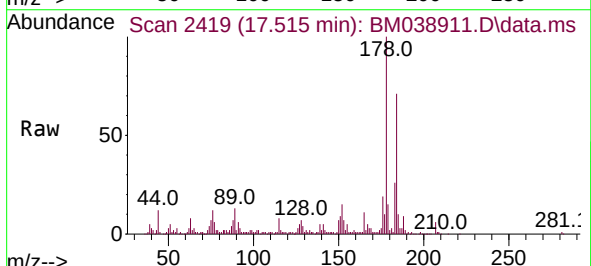
Tgt Ion:178 Resp: 128821

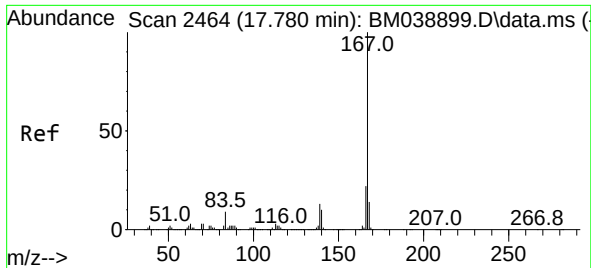
Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.3 14.9 22.3





#77
 Carbazole
 Concen: 64.351 ng/ul
 RT: 17.786 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM038911.D
 Acq: 08 Mar 2023 00:43

Instrument :
 BNA_M
 ClientSampleId :
 DCAE2

Tgt Ion:167 Resp: 6585962

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.3	10.6	16.0

