

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037911.D
 Acq On : 09 Dec 2022 11:36
 Operator : CG/JU
 Sample : N5832-19DL 30X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL4DL

Quant Time: Dec 09 21:47:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

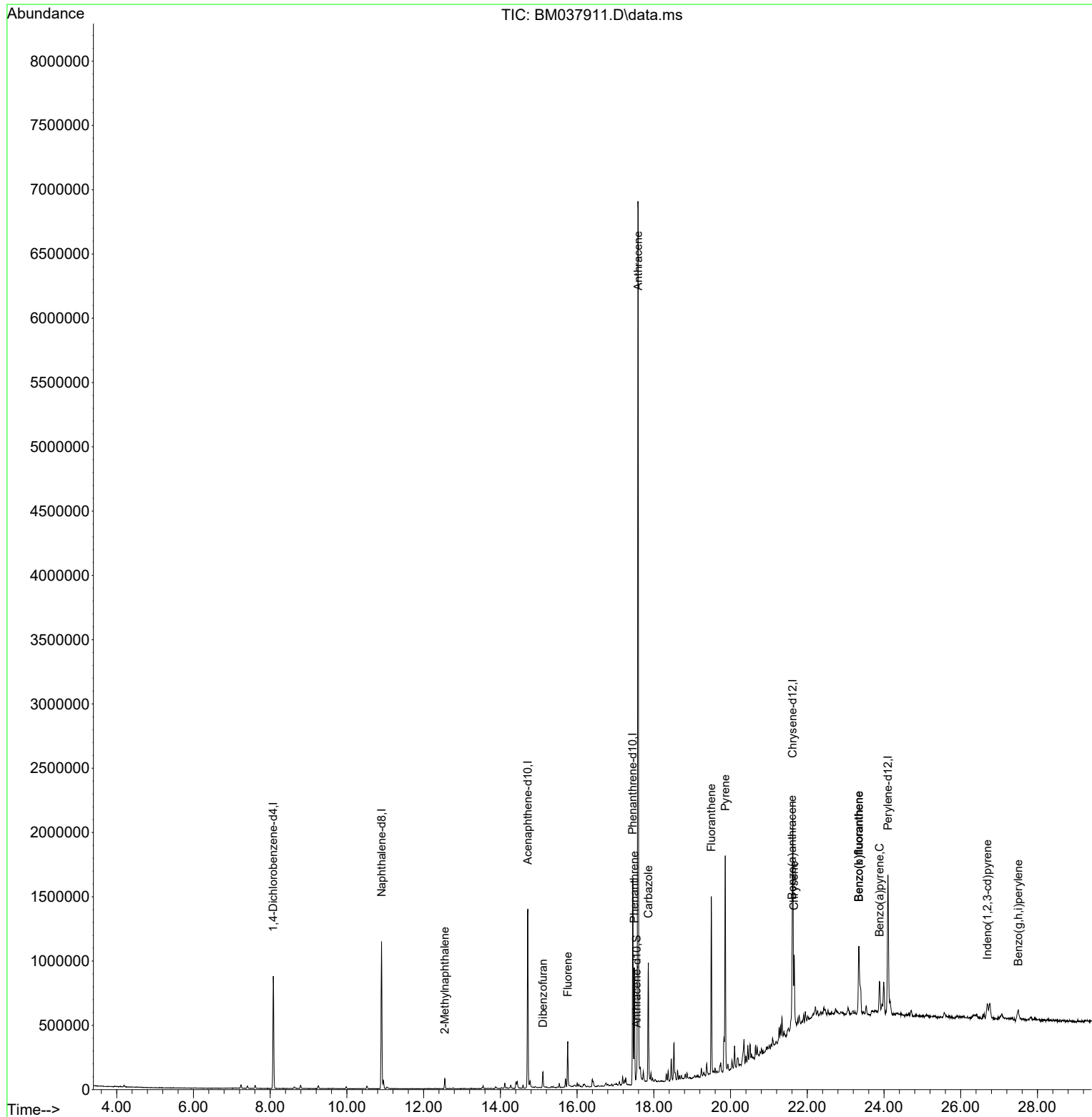
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	234714	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	926950	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.715	164	500004	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	972267	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	777012	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	857208	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1164	0.225	ng/uL	0.00
4) Pyridine-d5	3.863	84	992	0.065	ng/u1	0.00
7) Phenol-d5	7.234	99	13262	0.695	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	8940	0.770	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	11522	0.736	ng/u1	0.00
15) 4-Methylphenol-d8	8.792	113	9491	0.637	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	5456	0.743	ng/u1	0.00
24) 2-Nitrophenol-d4	9.980	143	4568	0.594	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.527	165	9005	0.616	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	7166	0.355	ng/u1	0.01
46) Dimethylphthalate-d6	14.115	166	27577	0.774	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	32202	0.739	ng/u1	0.00
54) 4-Nitrophenol-d4	14.921	143	1347	0.222	ng/u1	0.02
60) Fluorene-d10	15.698	176	26449	0.833	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	1114	0.214	ng/u1	0.00
73) Anthracene-d10	17.551	188	49812	1.098	ng/u1	0.00
81) Pyrene-d10	19.833	212	44061	0.944	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.938	264	38268	0.894	ng/u1	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.551	142	37238	1.148	ng/u1	97
56) Dibenzofuran	15.110	168	83622	1.848	ng/u1	99
61) Fluorene	15.757	166	170646	4.625	ng/u1	99
72) Phenanthrene	17.492	178	553964	10.433	ng/u1	99
74) Anthracene	17.592	178	4448382	82.441	ng/u1	99
77) Carbazole	17.856	167	616783	13.194	ng/u1	99
80) Fluoranthene	19.497	202	820466	14.894	ng/u1	99
82) Pyrene	19.862	202	1020514	17.801	ng/u1	98
85) Benzo(a)anthracene	21.603	228	251304	4.804	ng/u1	99
87) Chrysene	21.656	228	396608	8.081	ng/u1	97
90) Benzo(b)fluoranthene	23.344	252	497886	9.369	ng/u1	99
91) Benzo(k)fluoranthene	23.344	252	497886	9.667	ng/u1	99
93) Benzo(a)pyrene	23.885	252	209683	4.487	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	26.697	276	125782	2.090	ng/u1	95
96) Benzo(g,h,i)perylene	27.497	276	97541	2.030	ng/u1	95

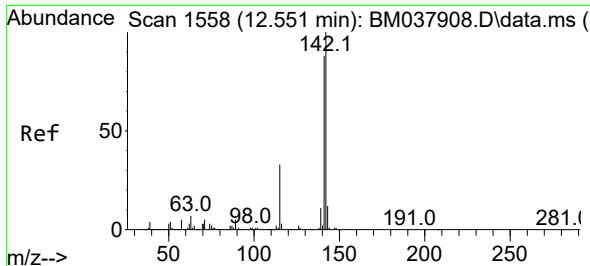
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
Data File : BM037911.D
Acq On : 09 Dec 2022 11:36
Operator : CG/JU
Sample : N5832-19DL 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL4DL

Quant Time: Dec 09 21:47:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

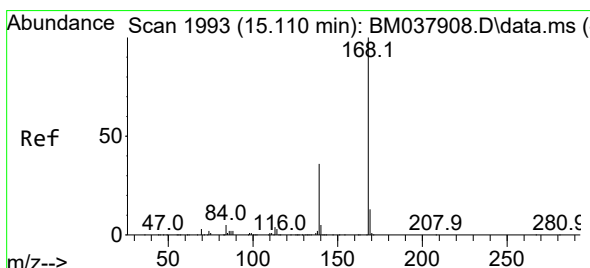
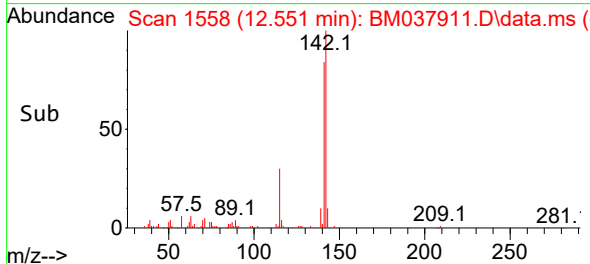
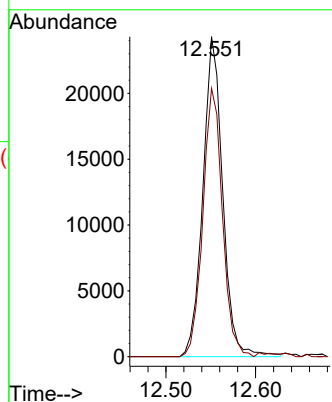
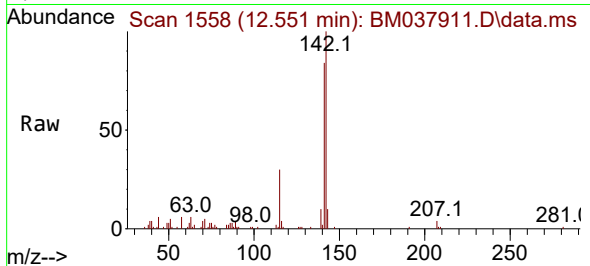




#36
2-Methylnaphthalene
Concen: 1.148 ng/ul
RT: 12.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

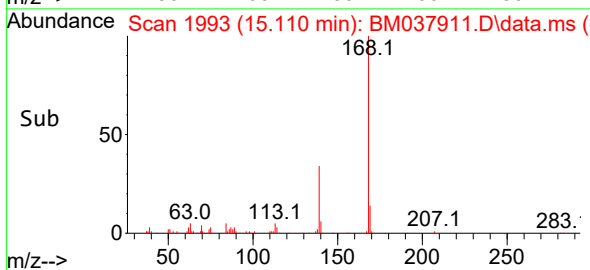
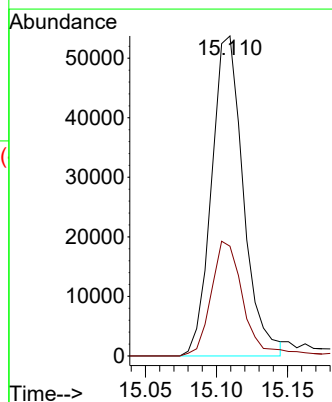
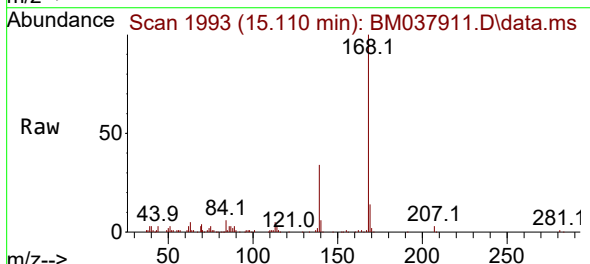
Instrument :
BNA_M
ClientSampleId :
DBXL4DL

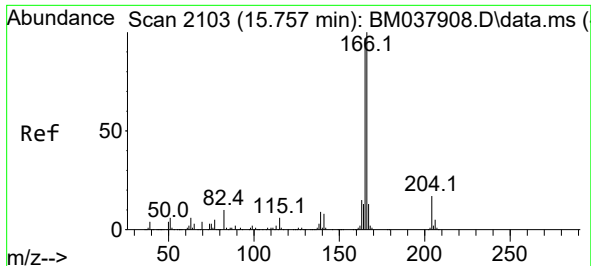
Tgt Ion:142 Resp: 37238
Ion Ratio Lower Upper
142 100
141 83.9 69.4 104.0



#56
Dibenzofuran
Concen: 1.848 ng/ul
RT: 15.110 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

Tgt Ion:168 Resp: 83622
Ion Ratio Lower Upper
168 100
139 34.3 28.1 42.1

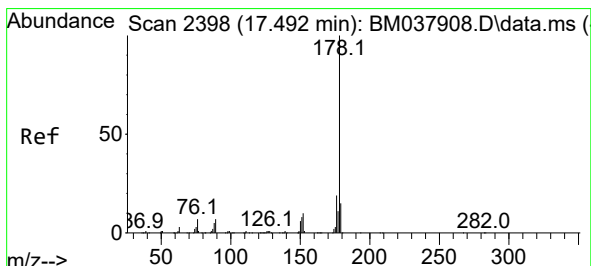
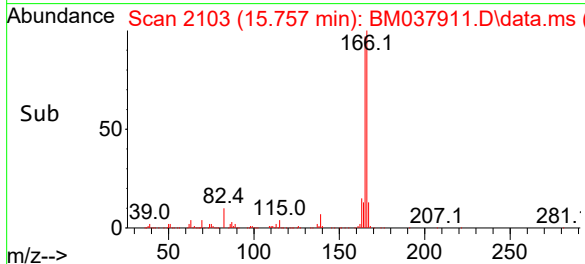
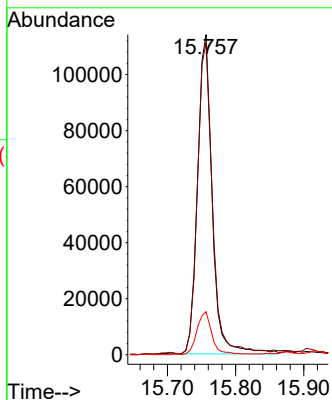
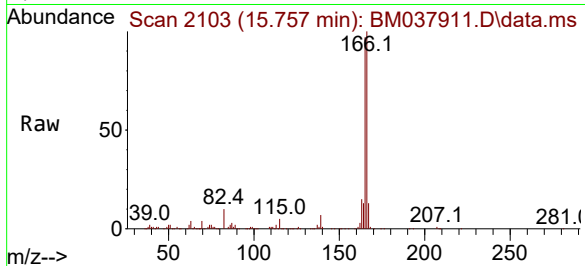




#61
Fluorene
Concen: 4.625 ng/ul
RT: 15.757 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

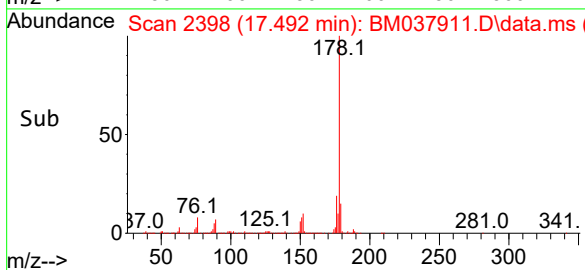
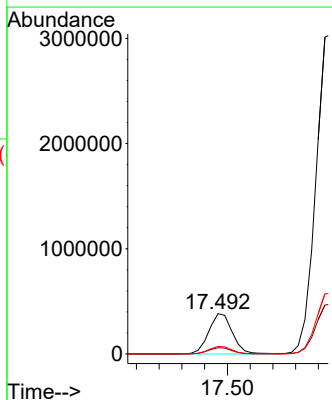
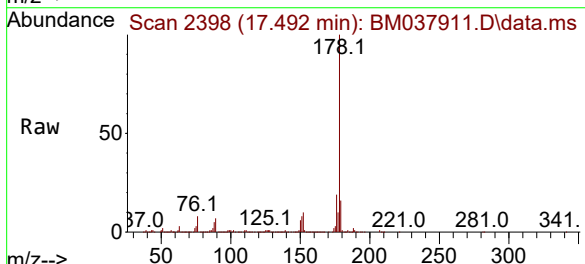
Instrument :
BNA_M
ClientSampleId :
DBXL4DL

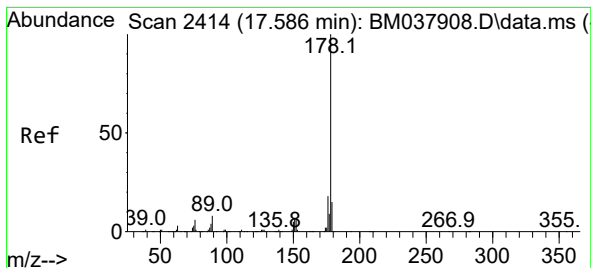
Tgt Ion:166 Resp: 170646
Ion Ratio Lower Upper
166 100
165 97.4 77.2 115.8
167 13.4 10.4 15.6



#72
Phenanthrene
Concen: 10.433 ng/ul
RT: 17.492 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

Tgt Ion:178 Resp: 553964
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.8 15.4 23.0





#74

Anthracene

Concen: 82.441 ng/ul

RT: 17.592 min Scan# 2414

Delta R.T. 0.006 min

Lab File: BM037911.D

Acq: 09 Dec 2022 11:36

Instrument :

BNA_M

ClientSampleId :

DBXL4DL

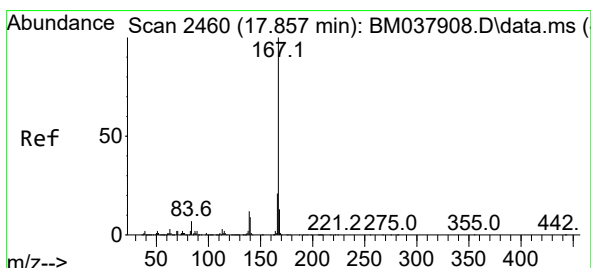
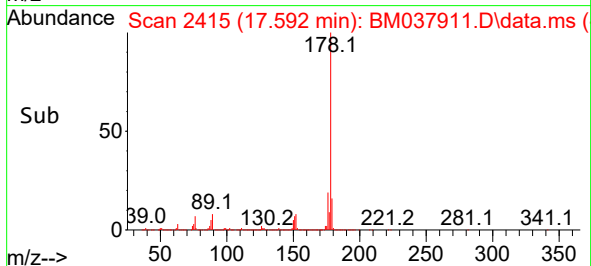
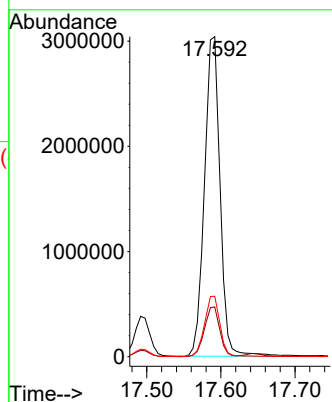
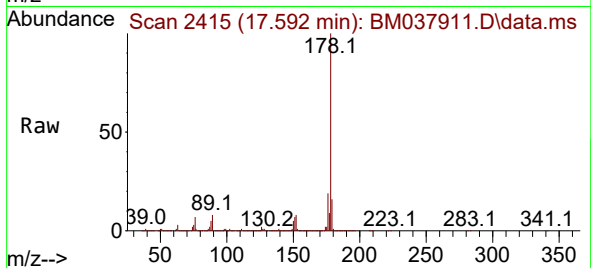
Tgt Ion:178 Resp: 4448382

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.8

176 18.9 15.0 22.6



#77

Carbazole

Concen: 13.194 ng/ul

RT: 17.856 min Scan# 2460

Delta R.T. -0.000 min

Lab File: BM037911.D

Acq: 09 Dec 2022 11:36

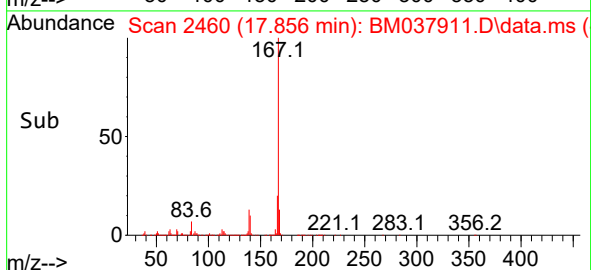
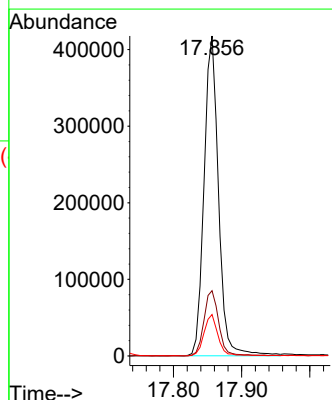
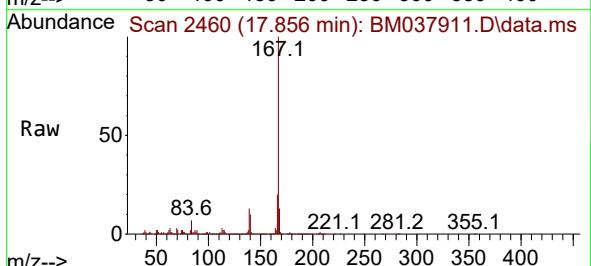
Tgt Ion:167 Resp: 616783

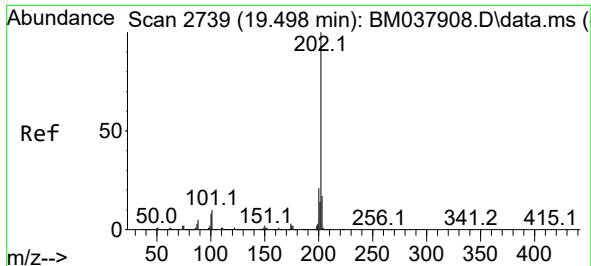
Ion Ratio Lower Upper

167 100

166 20.4 16.7 25.1

139 13.0 9.8 14.6

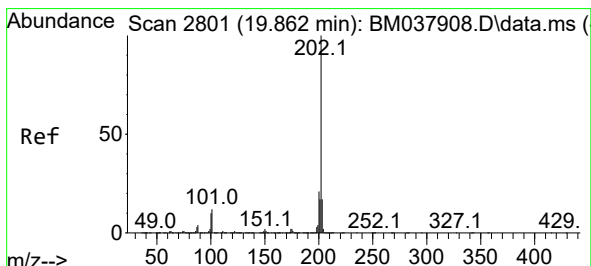
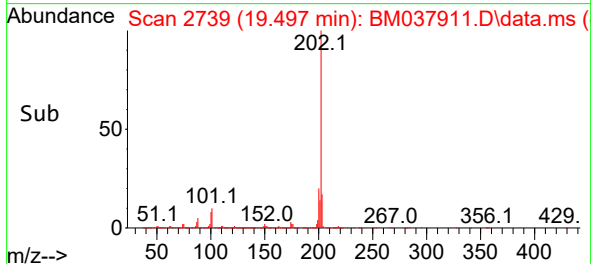
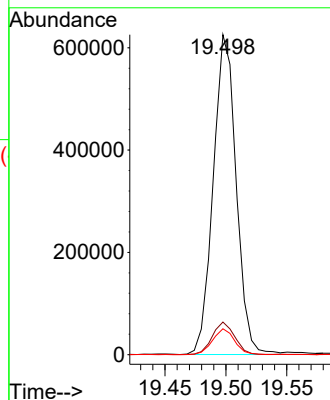
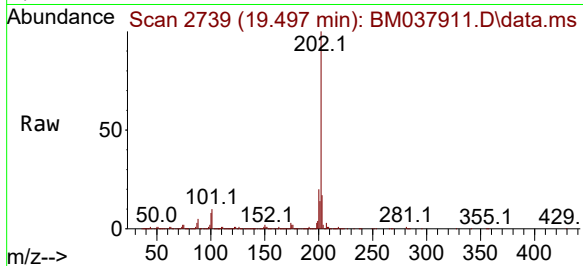




#80
Fluoranthene
Concen: 14.894 ng/ul
RT: 19.497 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

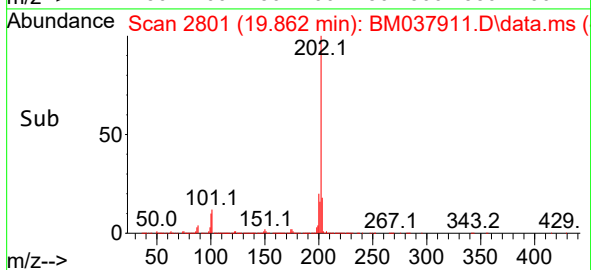
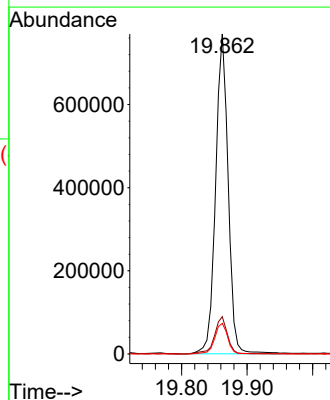
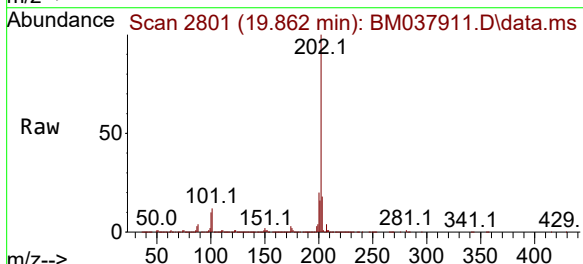
Instrument :
BNA_M
ClientSampleId :
DBXL4DL

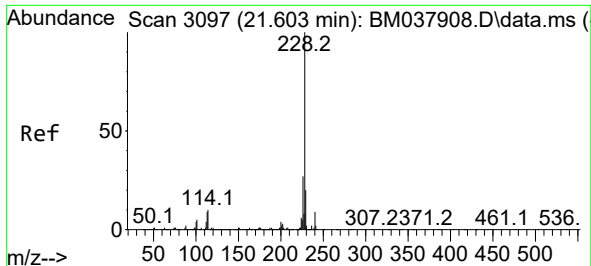
Tgt Ion:202 Resp: 820466
Ion Ratio Lower Upper
202 100
101 10.2 8.6 13.0
100 8.1 6.6 10.0



#82
Pyrene
Concen: 17.801 ng/ul
RT: 19.862 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

Tgt Ion:202 Resp: 1020514
Ion Ratio Lower Upper
202 100
101 11.7 10.0 15.0
100 9.6 7.9 11.9

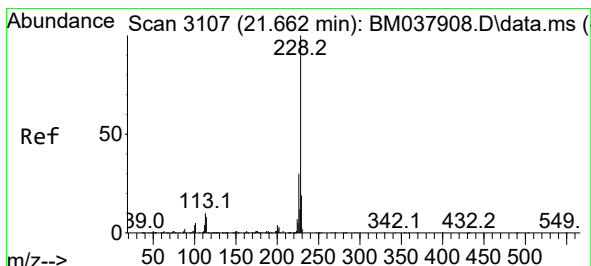
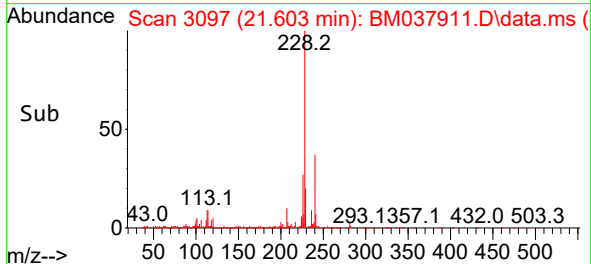
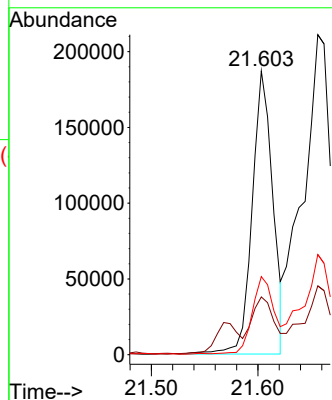
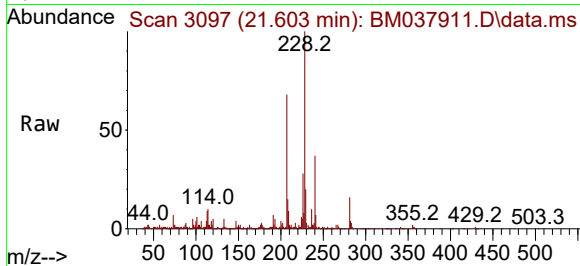




#85
Benzo(a)anthracene
Concen: 4.804 ng/ul
RT: 21.603 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

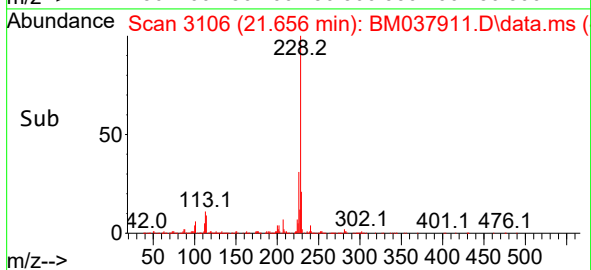
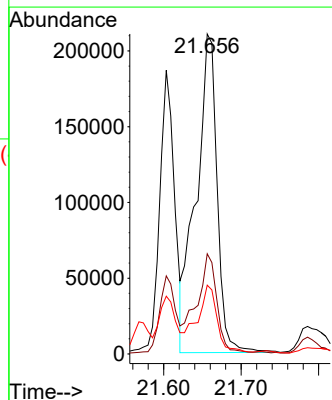
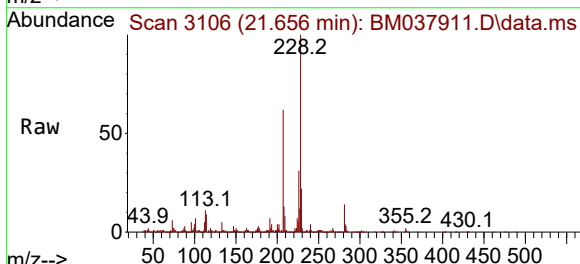
Instrument :
BNA_M
ClientSampleId :
DBXL4DL

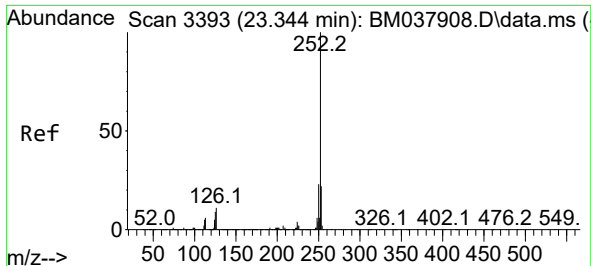
Tgt Ion:228 Resp: 251304
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 27.5 21.8 32.8



#87
Chrysene
Concen: 8.081 ng/ul
RT: 21.656 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

Tgt Ion:228 Resp: 396608
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 21.5 15.6 23.4

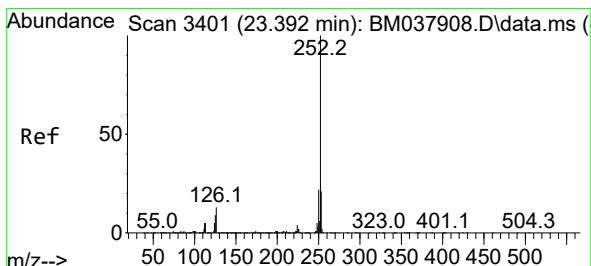
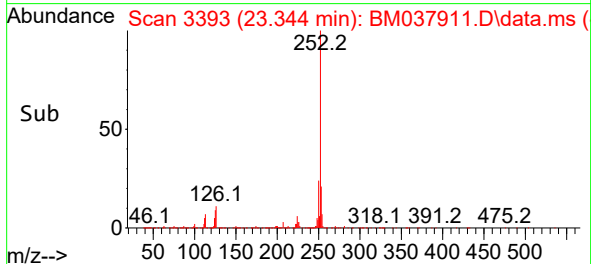
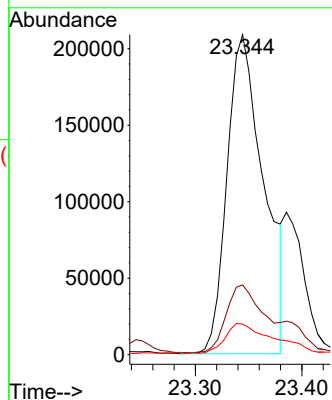
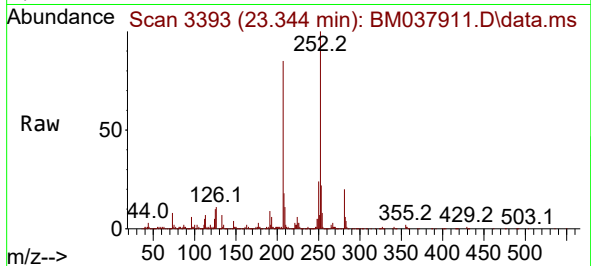




#90
Benzo(b)fluoranthene
Concen: 9.369 ng/ul
RT: 23.344 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

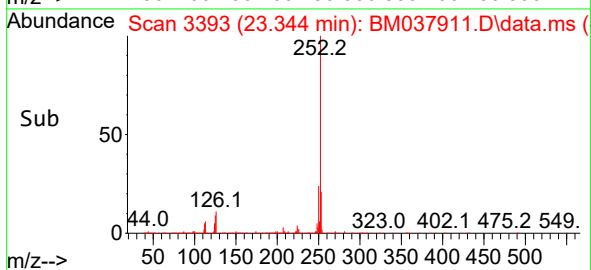
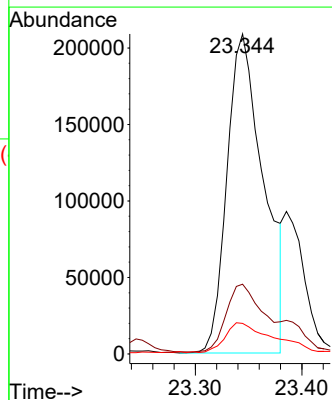
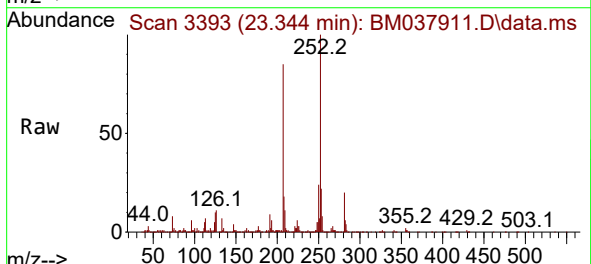
Instrument :
BNA_M
ClientSampleId :
DBXL4DL

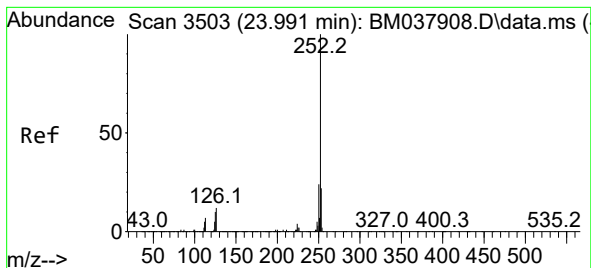
Tgt Ion:252 Resp: 497886
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.5 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 9.667 ng/ul
RT: 23.344 min Scan# 3393
Delta R.T. -0.047 min
Lab File: BM037911.D
Acq: 09 Dec 2022 11:36

Tgt Ion:252 Resp: 497886
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.5 8.1 12.1





#93

Benzo(a)pyrene

Concen: 4.487 ng/ul

RT: 23.885 min Scan# 34

Delta R.T. -0.106 min

Lab File: BM037911.D

Acq: 09 Dec 2022 11:36

Instrument :

BNA_M

ClientSampleId :

DBXL4DL

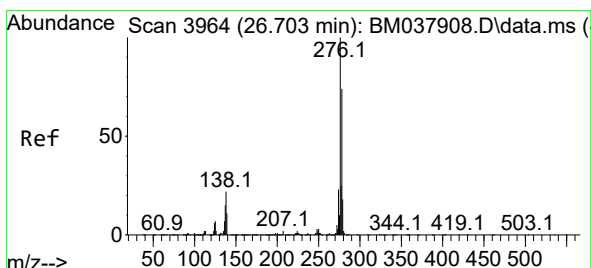
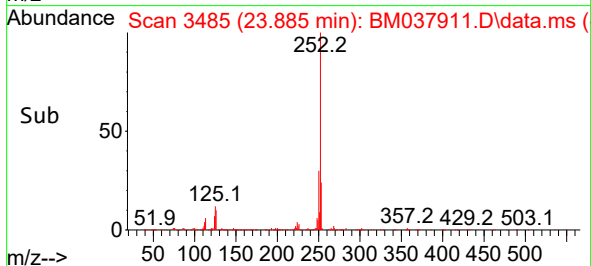
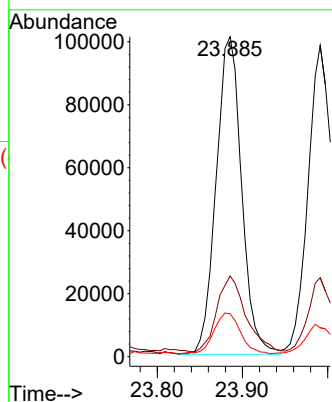
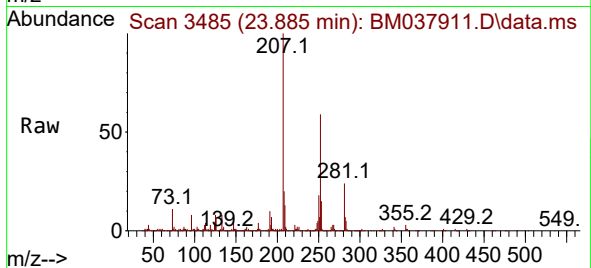
Tgt Ion:252 Resp: 209683

Ion Ratio Lower Upper

252 100

253 25.2 17.4 26.0

125 13.4 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.090 ng/ul

RT: 26.697 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM037911.D

Acq: 09 Dec 2022 11:36

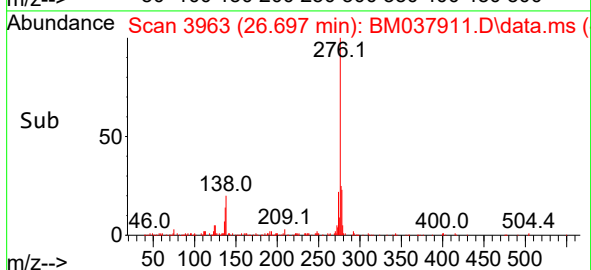
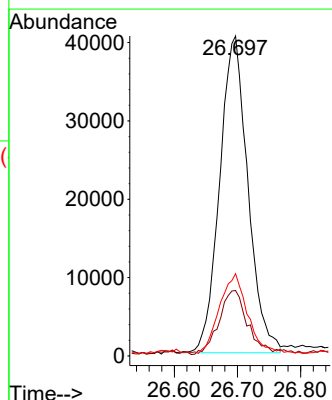
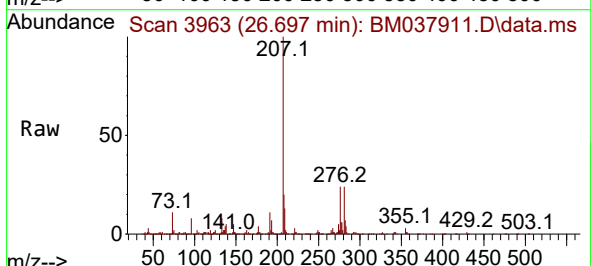
Tgt Ion:276 Resp: 125782

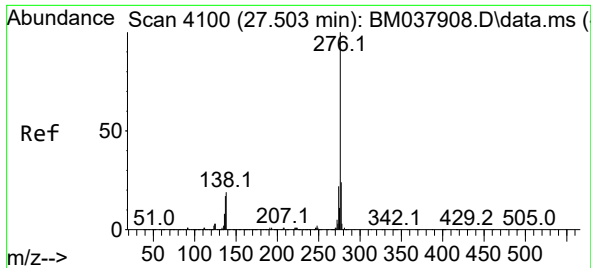
Ion Ratio Lower Upper

276 100

138 20.4 19.3 28.9

277 25.7 19.8 29.8





#96
 Benzo(g,h,i)perylene
 Concen: 2.030 ng/ul
 RT: 27.497 min Scan# 4099
 Delta R.T. -0.006 min
 Lab File: BM037911.D
 Acq: 09 Dec 2022 11:36

Instrument :
 BNA_M
 ClientSampleId :
 DBXL4DL

Tgt Ion:	276	Resp:	97541
Ion	Ratio	Lower	Upper
276	100		
138	19.6	17.1	25.7
277	25.5	18.2	27.4

