

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037902.D
 Acq On : 09 Dec 2022 00:33
 Operator : CG/JU
 Sample : N5726-07 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

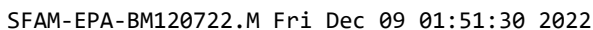
Instrument :
 BNA_M
 ClientSampleId :

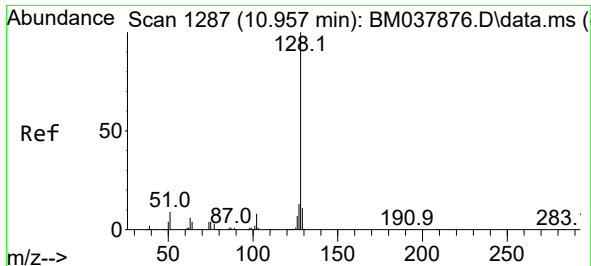
Quant Time: Dec 09 01:51:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	307998	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1243805	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	716940	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1440324	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	1019863	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1194308	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	1976	0.291	ng/uL	0.00
4) Pyridine-d5	3.881	84	17050	0.847	ng/ul	0.02
7) Phenol-d5	7.239	99	62601	2.501	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	37955	2.490	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	51395	2.503	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	48676	2.492	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	25023	2.541	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.980	143	25018	2.424	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	46656	2.380	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	49032	1.812	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	148921	2.914	ng/ul	-0.01
49) Acenaphthylene-d8	14.410	160	165659	2.652	ng/ul	0.00
54) 4-Nitrophenol-d4	14.915	143	13112	1.505	ng/ul	0.00
60) Fluorene-d10	15.698	176	133303	2.927	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	12166	1.580	ng/ul	0.00
73) Anthracene-d10	17.551	188	212307	3.158	ng/ul	0.00
81) Pyrene-d10	19.833	212	207473	3.387	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	176505	2.959	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.957	128	132854	1.979	ng/ul	99
50) Acenaphthylene	14.439	152	254463	3.704	ng/ul	98
52) Acenaphthene	14.774	153	316110	6.653	ng/ul	100
56) Dibenzofuran	15.110	168	335161	5.167	ng/ul	100
61) Fluorene	15.757	166	430550	8.139	ng/ul	99
71) Pentachlorophenol	17.104	266	13576	1.296	ng/ul	97
72) Phenanthrene	17.498	178	1701378	21.631	ng/ul	100
74) Anthracene	17.592	178	5517768	69.029	ng/ul	99
77) Carbazole	17.856	167	747127	10.788	ng/ul	100
80) Fluoranthene	19.503	202	3224543	44.598	ng/ul	100
82) Pyrene	19.868	202	7609216	101.122	ng/ul	98
85) Benzo(a)anthracene	21.603	228	932129	13.576	ng/ul	96
87) Chrysene	21.662	228	1269986	19.714	ng/ul	98
90) Benzo(b)fluoranthene	23.350	252	3755157	50.716	ng/ul	98
91) Benzo(k)fluoranthene	23.350	252	3755157	52.331	ng/ul	98
93) Benzo(a)pyrene	23.997	252	1622578	24.920	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.703	276	936161	11.164	ng/ul	95
96) Benzo(g,h,i)perylene	27.503	276	669243	9.996	ng/ul	98

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

Quant Time: Dec 09 01:51:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

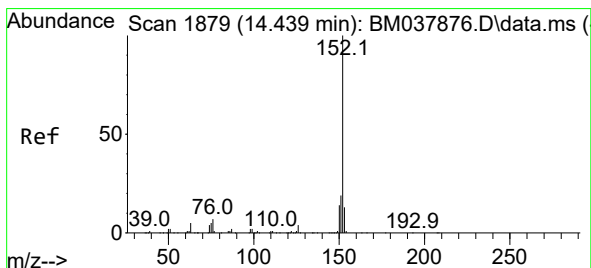
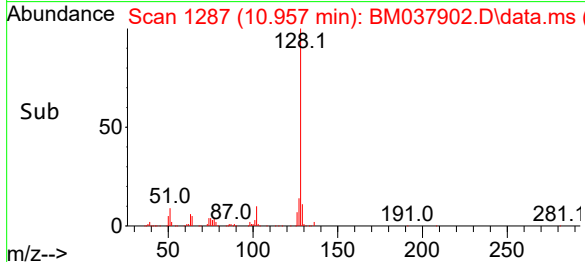
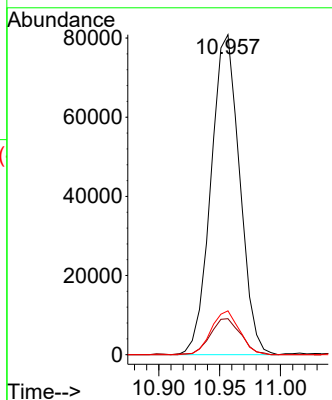
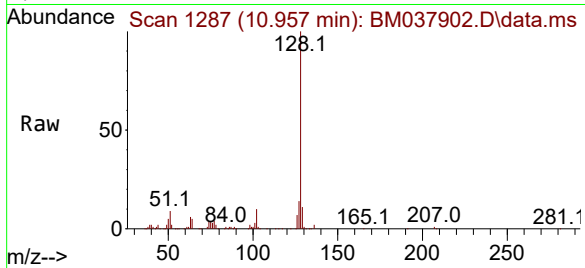




#30
Naphthalene
Concen: 1.979 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

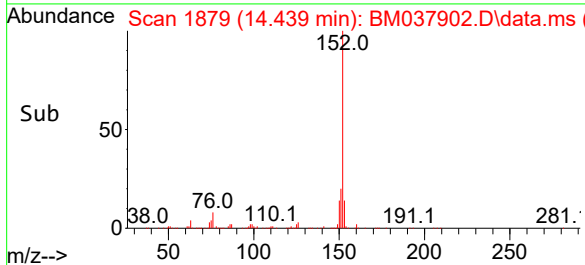
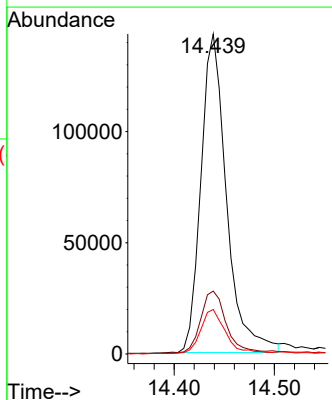
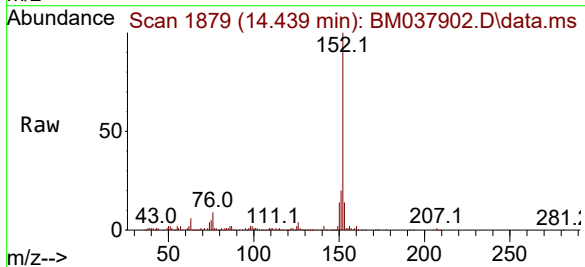
Instrument :
BNA_M
ClientSampleId :

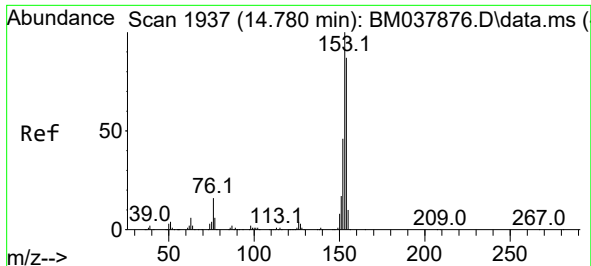
Tgt Ion:128 Resp: 132854
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.7 10.4 15.6



#50
Acenaphthylene
Concen: 3.704 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

Tgt Ion:152 Resp: 254463
Ion Ratio Lower Upper
152 100
151 19.7 15.3 22.9
153 13.9 10.2 15.4

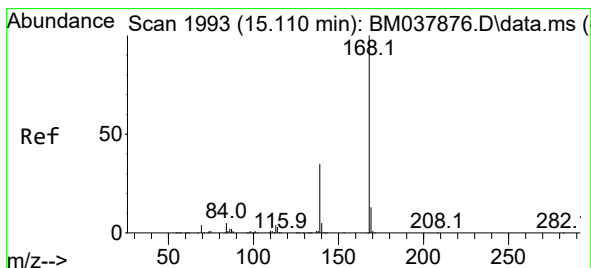
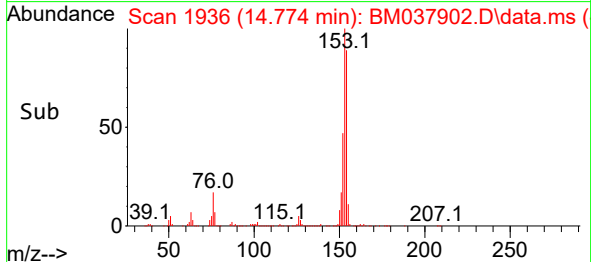
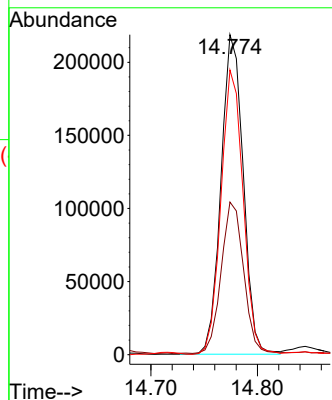
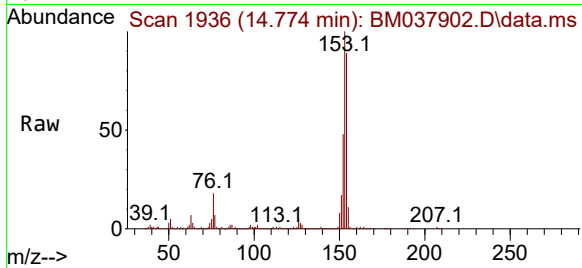




#52
Acenaphthene
Concen: 6.653 ng/ul
RT: 14.774 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

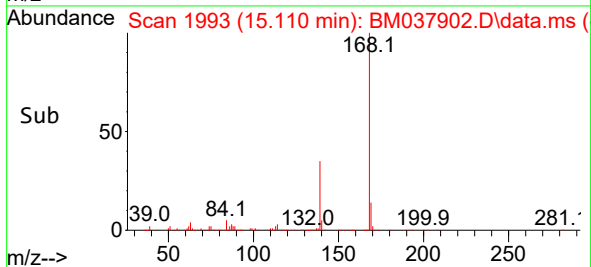
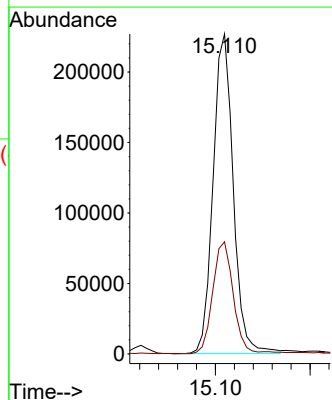
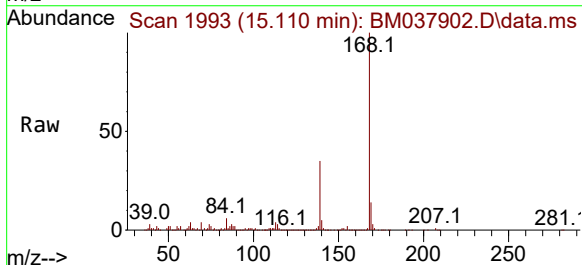
Instrument :
BNA_M
ClientSampleId :

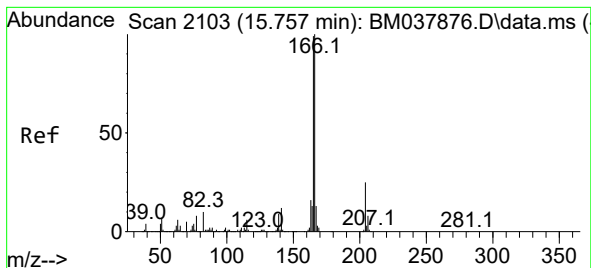
Tgt Ion:153 Resp: 316110
Ion Ratio Lower Upper
153 100
152 47.7 38.2 57.4
154 88.9 71.4 107.0



#56
Dibenzofuran
Concen: 5.167 ng/ul
RT: 15.110 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

Tgt Ion:168 Resp: 335161
Ion Ratio Lower Upper
168 100
139 35.0 28.1 42.1





#61

Fluorene

Concen: 8.139 ng/ul

RT: 15.757 min Scan# 2103

Delta R.T. -0.006 min

Lab File: BM037902.D

Acq: 09 Dec 2022 00:33

Instrument :

BNA_M

ClientSampleId :

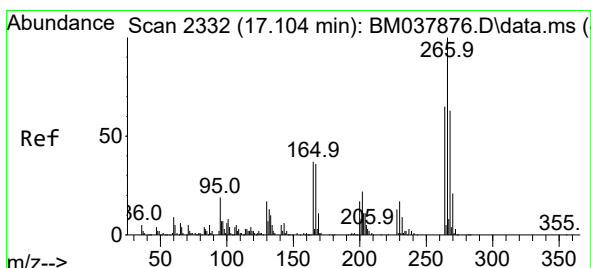
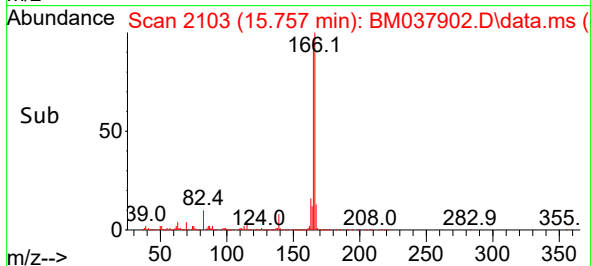
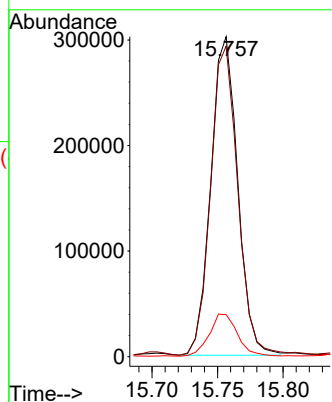
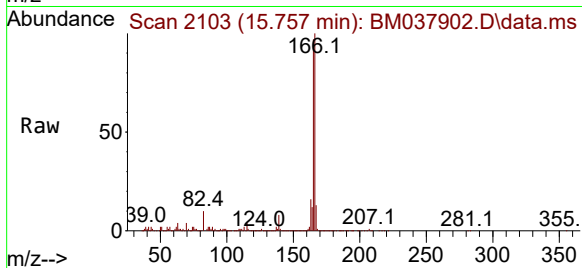
Tgt Ion:166 Resp: 430550

Ion Ratio Lower Upper

166 100

165 97.1 77.2 115.8

167 13.2 10.4 15.6



#71

Pentachlorophenol

Concen: 1.296 ng/ul

RT: 17.104 min Scan# 2332

Delta R.T. -0.000 min

Lab File: BM037902.D

Acq: 09 Dec 2022 00:33

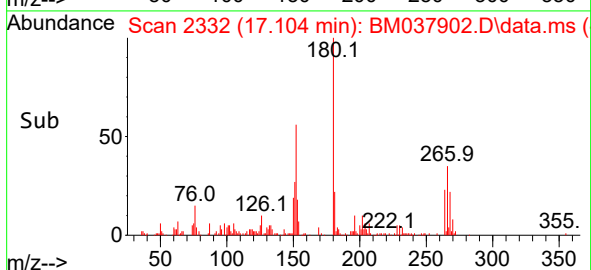
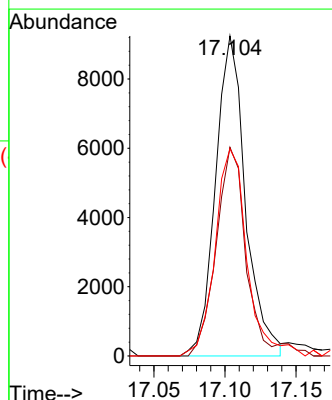
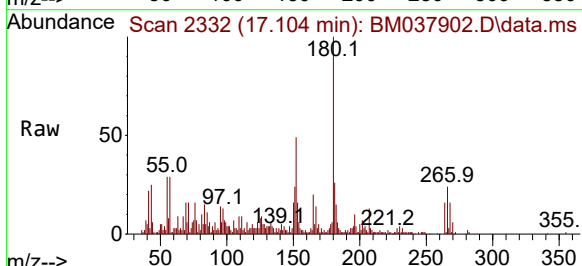
Tgt Ion:266 Resp: 13576

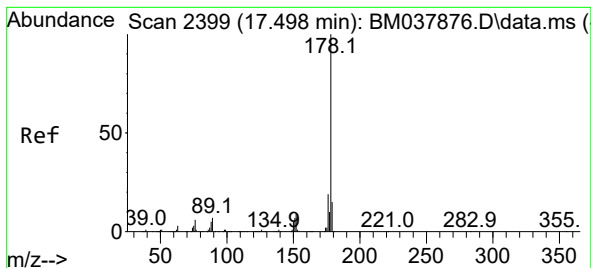
Ion Ratio Lower Upper

266 100

264 65.2 50.1 75.1

268 64.7 50.6 75.8





#72

Phenanthrene

Concen: 21.631 ng/ul

RT: 17.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM037902.D

Acq: 09 Dec 2022 00:33

Instrument :

BNA_M

ClientSampleId :

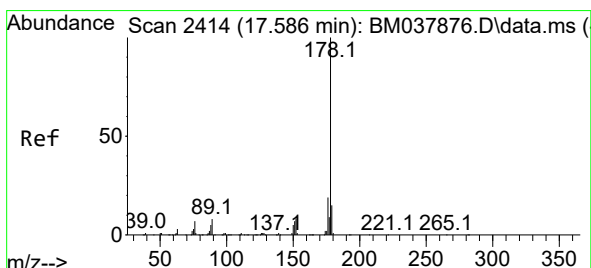
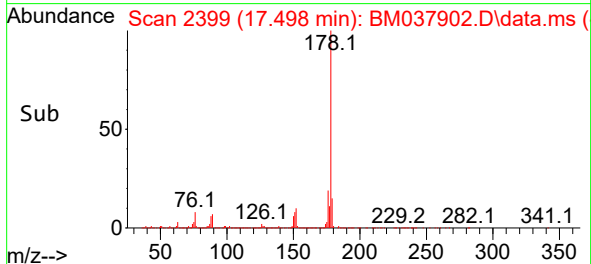
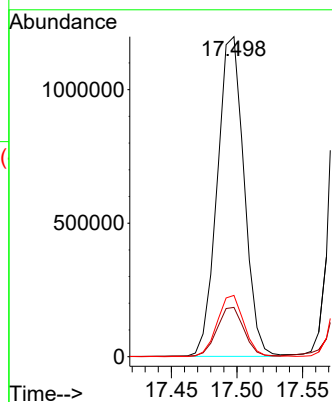
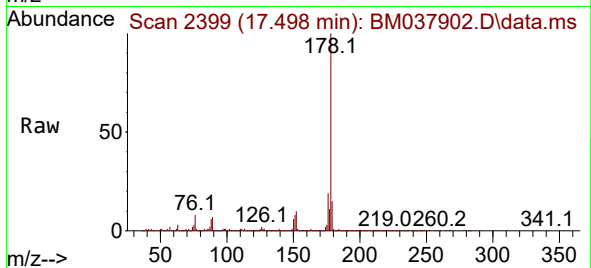
Tgt Ion:178 Resp: 1701378

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 19.1 15.4 23.0



#74

Anthracene

Concen: 69.029 ng/ul

RT: 17.592 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BM037902.D

Acq: 09 Dec 2022 00:33

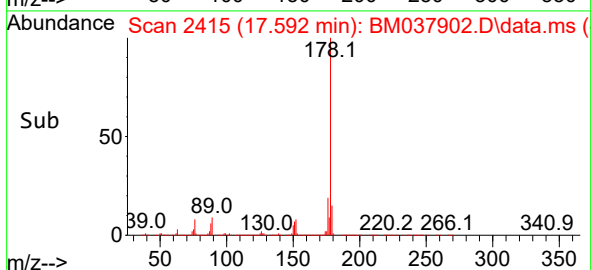
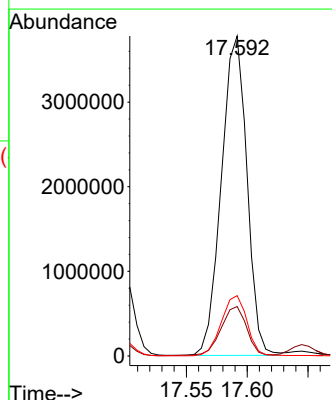
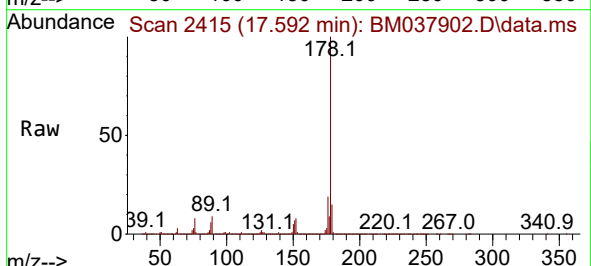
Tgt Ion:178 Resp: 5517768

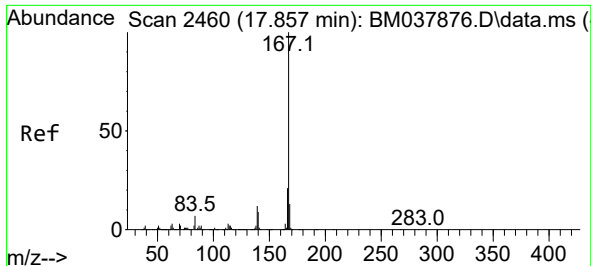
Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.8

176 18.8 15.0 22.6

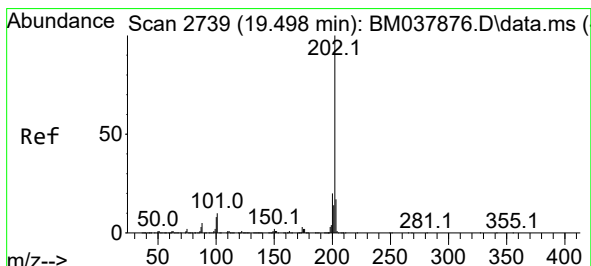
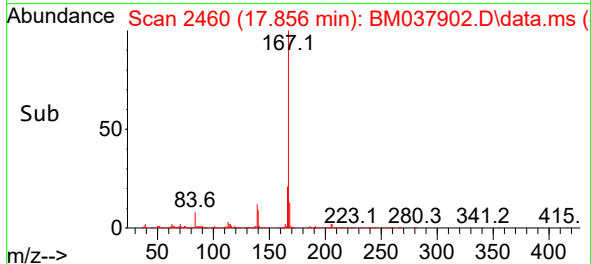
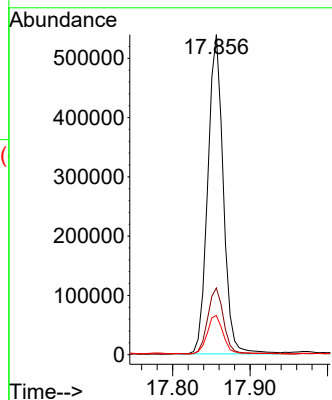
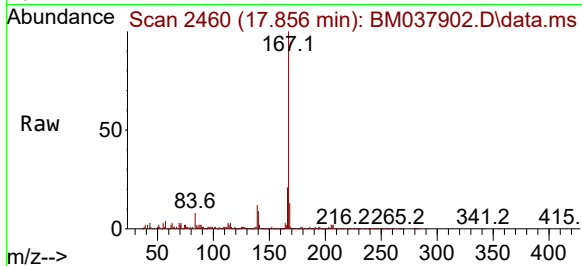




#77
 Carbazole
 Concen: 10.788 ng/ul
 RT: 17.856 min Scan# 2460
 Delta R.T. -0.000 min
 Lab File: BM037902.D
 Acq: 09 Dec 2022 00:33

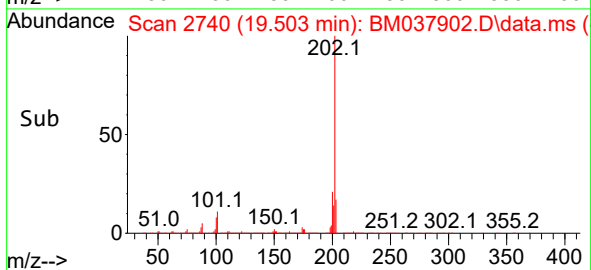
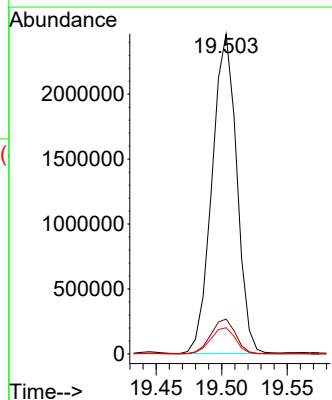
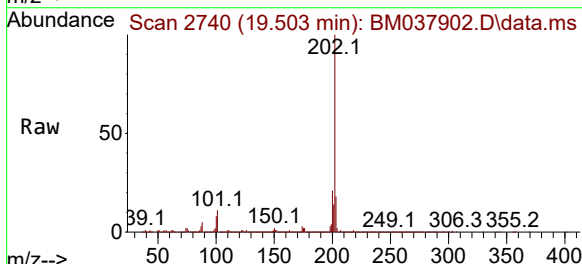
Instrument :
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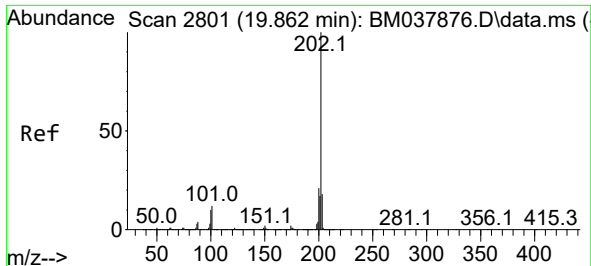
Tgt Ion:167 Resp: 747127
 Ion Ratio Lower Upper
 167 100
 166 20.8 16.7 25.1
 139 12.2 9.8 14.6



#80
 Fluoranthene
 Concen: 44.598 ng/ul
 RT: 19.503 min Scan# 2740
 Delta R.T. -0.000 min
 Lab File: BM037902.D
 Acq: 09 Dec 2022 00:33

Tgt Ion:202 Resp: 3224543
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.6 13.0
 100 8.2 6.6 10.0

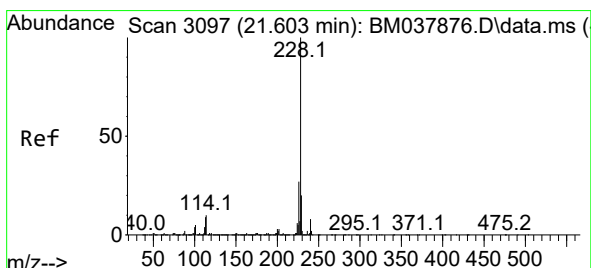
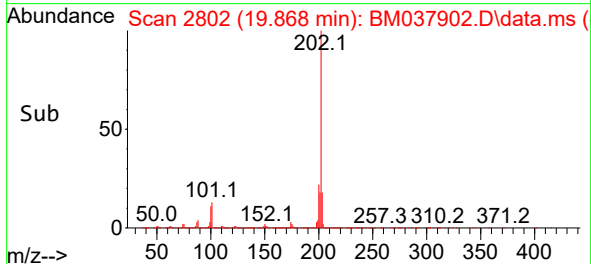
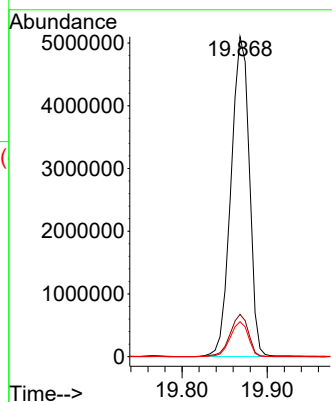
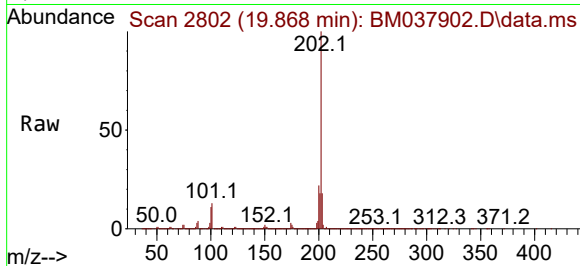




#82
Pyrene
Concen: 101.122 ng/ul
RT: 19.868 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

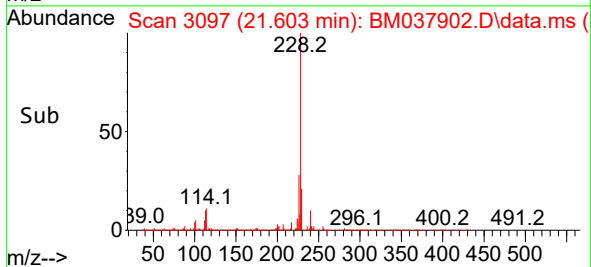
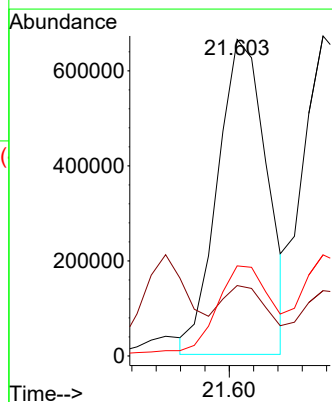
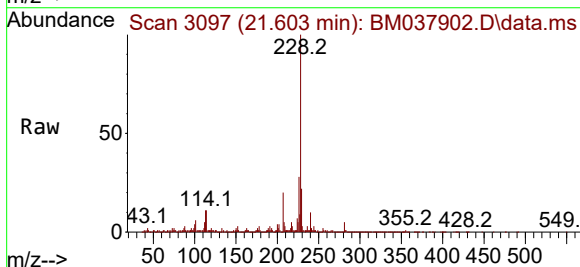
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ClientSampleId :

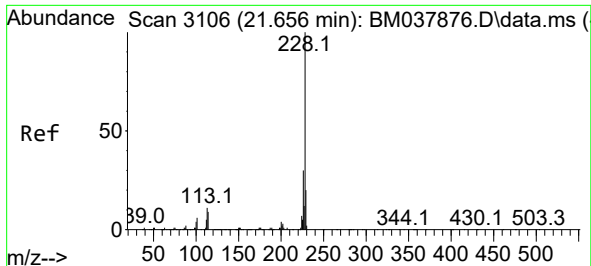
Tgt Ion:202 Resp: 7609216
Ion Ratio Lower Upper
202 100
101 13.3 10.0 15.0
100 10.9 7.9 11.9



#85
Benzo(a)anthracene
Concen: 13.576 ng/ul
RT: 21.603 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

Tgt Ion:228 Resp: 932129
Ion Ratio Lower Upper
228 100
229 22.3 15.5 23.3
226 28.5 21.8 32.8

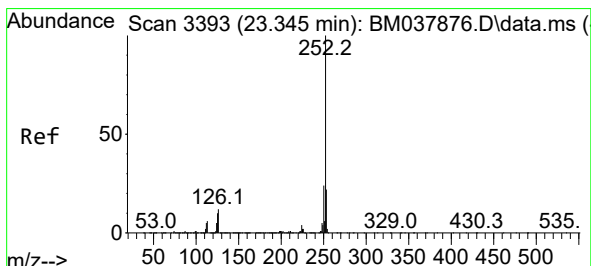
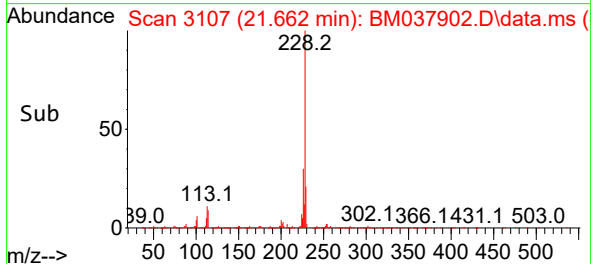
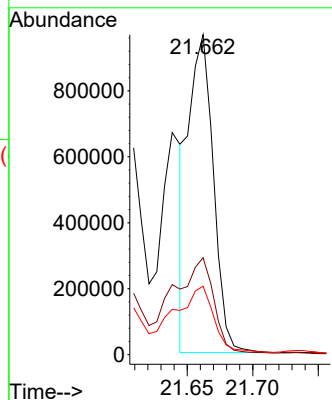
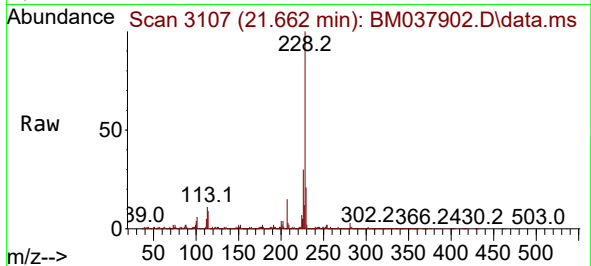




#87
Chrysene
Concen: 19.714 ng/ul
RT: 21.662 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

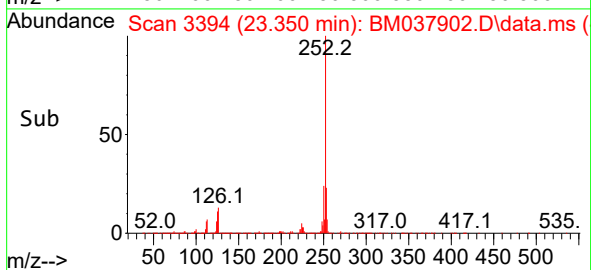
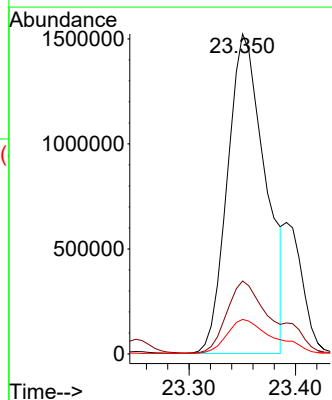
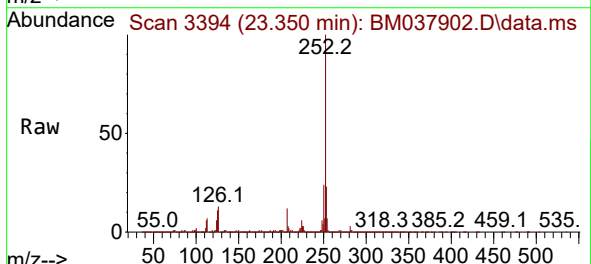
Instrument :
BNA_M
ClientSampleId :

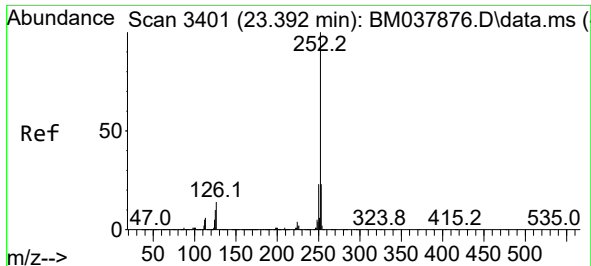
Tgt Ion:228 Resp: 1269986
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.4 15.6 23.4



#90
Benzo(b)fluoranthene
Concen: 50.716 ng/ul
RT: 23.350 min Scan# 3394
Delta R.T. 0.006 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

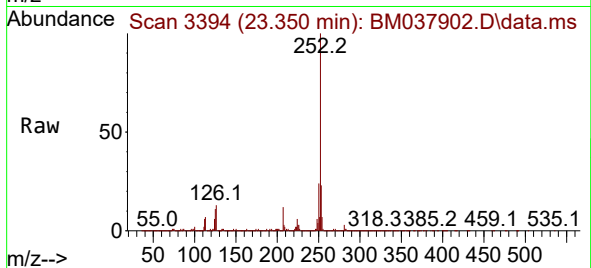
Tgt Ion:252 Resp: 3755157
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 10.8 8.0 12.0



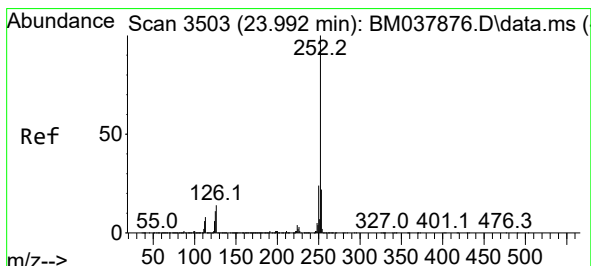
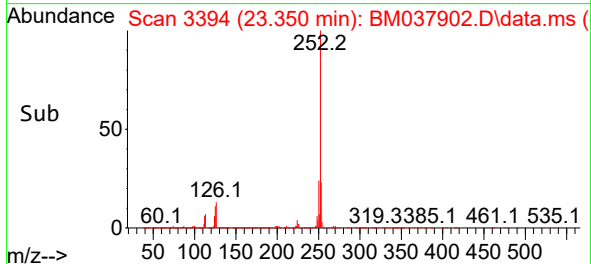
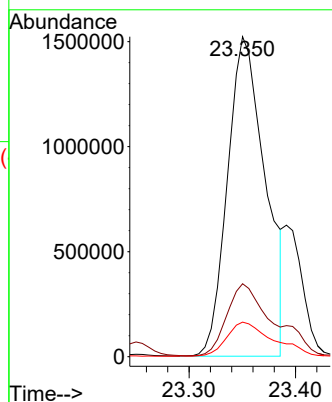


#91
Benzo(k)fluoranthene
Concen: 52.331 ng/ul
RT: 23.350 min Scan# 31
Delta R.T. -0.047 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

Instrument :
BNA_M
ClientSampleId :

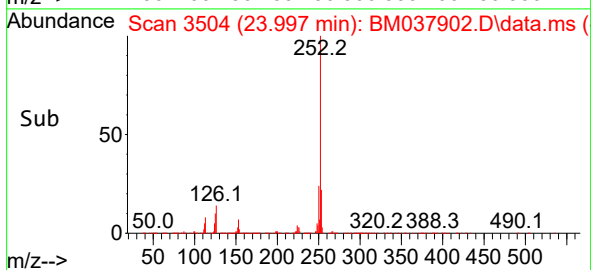
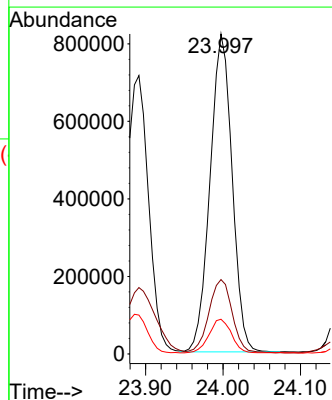
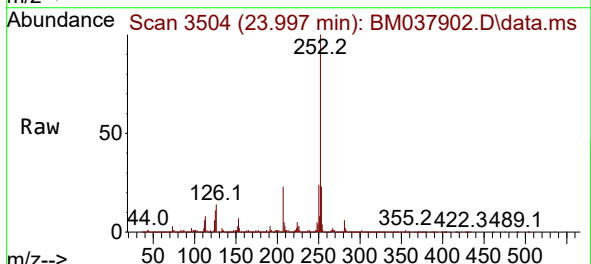


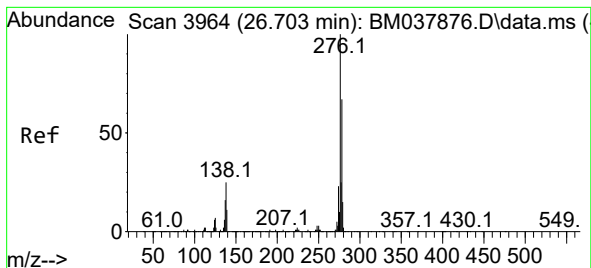
Tgt Ion:252 Resp: 3755157
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.8 8.1 12.1



#93
Benzo(a)pyrene
Concen: 24.920 ng/ul
RT: 23.997 min Scan# 3504
Delta R.T. -0.000 min
Lab File: BM037902.D
Acq: 09 Dec 2022 00:33

Tgt Ion:252 Resp: 1622578
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 10.8 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 11.164 ng/ul

RT: 26.703 min Scan# 3964

Delta R.T. -0.006 min

Lab File: BM037902.D

Acq: 09 Dec 2022 00:33

Instrument :

BNA_M

ClientSampleId :

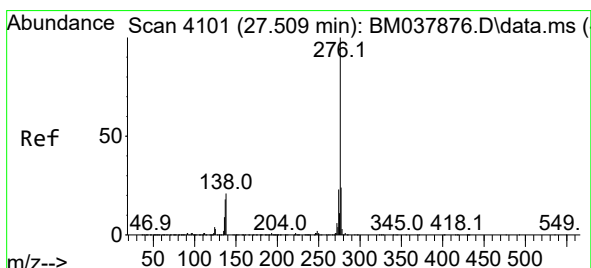
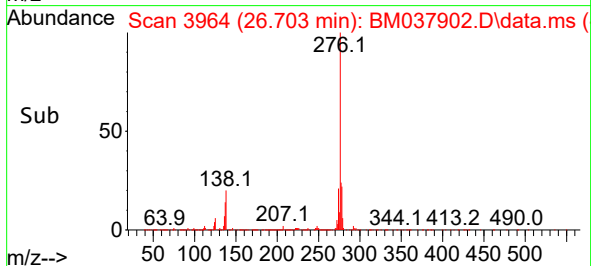
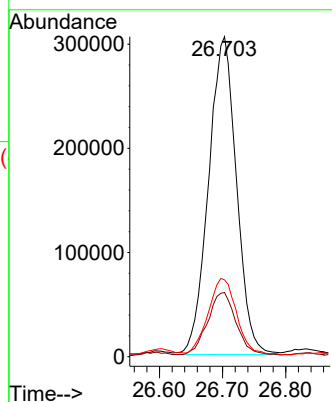
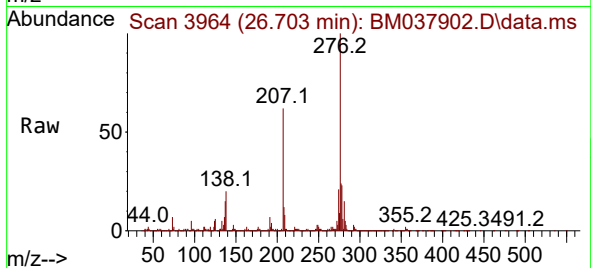
Tgt Ion:276 Resp: 936161

Ion Ratio Lower Upper

276 100

138 20.0 19.3 28.9

277 24.0 19.8 29.8



#96

Benzo(g,h,i)perylene

Concen: 9.996 ng/ul

RT: 27.503 min Scan# 4100

Delta R.T. -0.012 min

Lab File: BM037902.D

Acq: 09 Dec 2022 00:33

Tgt Ion:276 Resp: 669243

Ion Ratio Lower Upper

276 100

138 20.5 17.1 25.7

277 24.0 18.2 27.4

