

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037916.D
 Acq On : 09 Dec 2022 14:39
 Operator : CG/JU
 Sample : N5896-04 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXM2

Quant Time: Dec 09 21:48:25 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)

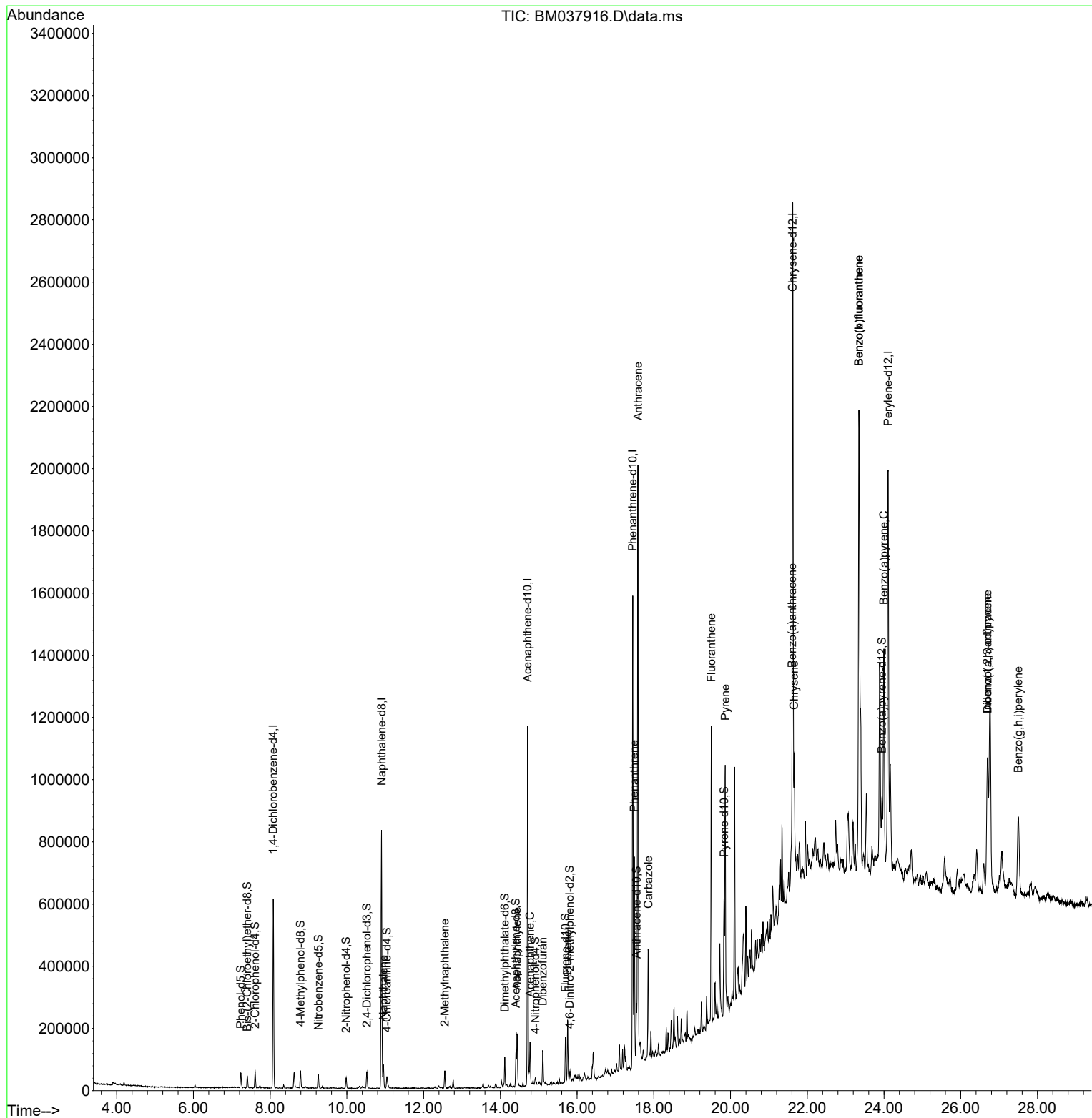
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	164545	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	686331	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	400841	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	935282	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	972438	20.000	ng/ul	0.00
88) Perylene-d12	24.109	264	1040895	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1084	0.299	ng/uL	0.00
4) Pyridine-d5	3.863	84	481	0.045	ng/ul	0.00
7) Phenol-d5	7.234	99	27052	2.023	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	16678	2.048	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	24701	2.252	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	21404	2.051	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	11225	2.066	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	10822	1.900	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	19937	1.843	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	20941	1.403	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	62329	2.181	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	72812	2.085	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	5595	1.149	ng/ul	0.00
60) Fluorene-d10	15.698	176	58877	2.313	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	5696	1.139	ng/ul	0.00
73) Anthracene-d10	17.551	188	124554	2.853	ng/ul	0.00
81) Pyrene-d10	19.833	212	137816	2.359	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	122905	2.364	ng/ul	0.00
Target Compounds				Qvalue		
30) Naphthalene	10.951	128	57824	1.561	ng/ul	97
36) 2-Methylnaphthalene	12.551	142	25734	1.071	ng/ul	99
50) Acenaphthylene	14.433	152	134434	3.500	ng/ul	100
52) Acenaphthene	14.774	153	52145	1.963	ng/ul	96
56) Dibenzofuran	15.104	168	74213	2.046	ng/ul	93
61) Fluorene	15.751	166	91584	3.097	ng/ul	98
72) Phenanthrene	17.492	178	387414	7.585	ng/ul	100
74) Anthracene	17.586	178	1267885	24.427	ng/ul	100
77) Carbazole	17.857	167	234859	5.223	ng/ul	100
80) Fluoranthene	19.498	202	565987	8.210	ng/ul	98
82) Pyrene	19.862	202	496104	6.914	ng/ul	98
85) Benzo(a)anthracene	21.603	228	201419	3.077	ng/ul	93
87) Chrysene	21.656	228	212861	3.465	ng/ul	98
90) Benzo(b)fluoranthene	23.345	252	1192762	18.483	ng/ul	98
91) Benzo(k)fluoranthene	23.345	252	1192762	19.072	ng/ul	98
93) Benzo(a)pyrene	23.997	252	524262	9.239	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.697	276	492443	6.738	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.703	278	120434	1.955	ng/ul#	82
96) Benzo(g,h,i)perylene	27.497	276	362445	6.211	ng/ul	99

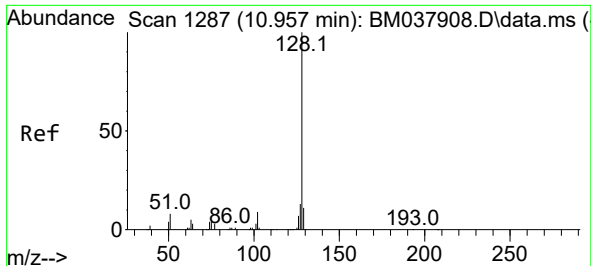
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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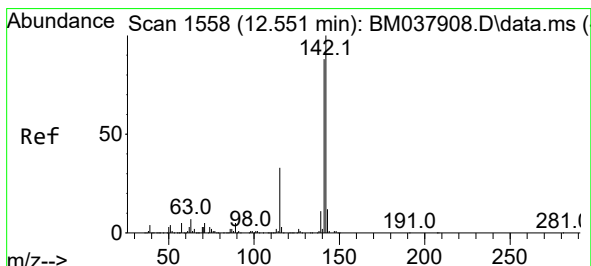
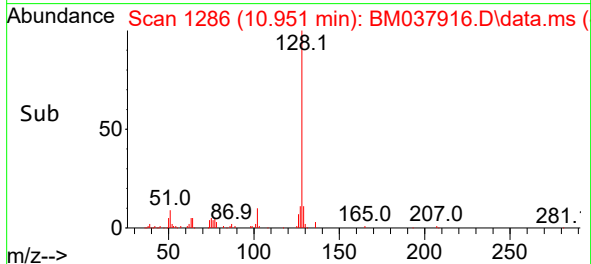
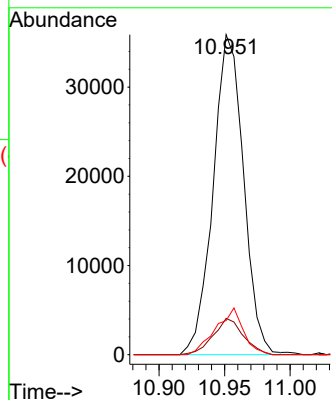
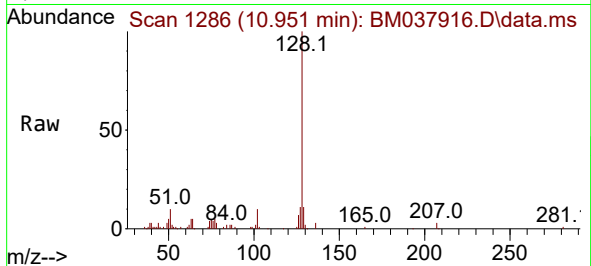




#30
Naphthalene
Concen: 1.561 ng/ul
RT: 10.951 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM037916.D
Acq: 09 Dec 2022 14:39

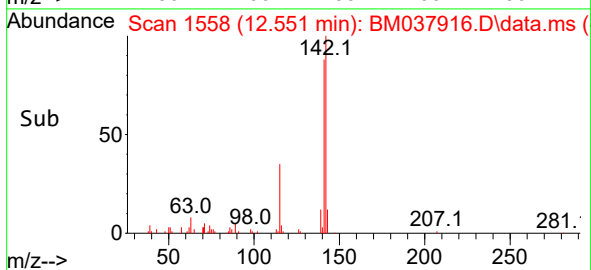
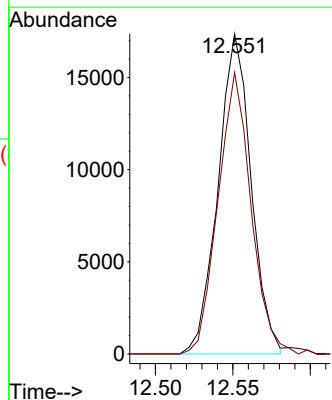
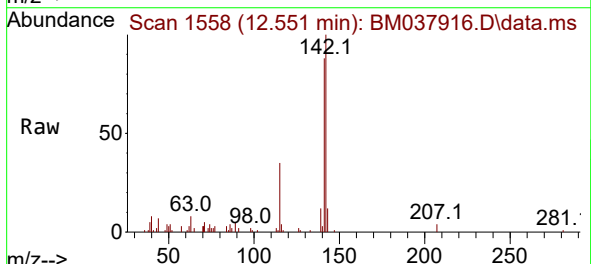
Instrument :
BNA_M
ClientSampleId :
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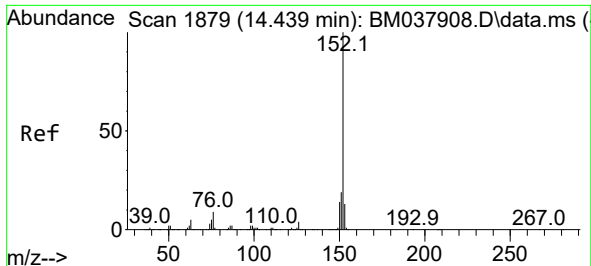
Tgt Ion:128 Resp: 57824
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 10.6 10.4 15.6



#36
2-Methylnaphthalene
Concen: 1.071 ng/ul
RT: 12.551 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BM037916.D
Acq: 09 Dec 2022 14:39

Tgt Ion:142 Resp: 25734
Ion Ratio Lower Upper
142 100
141 88.0 69.4 104.0

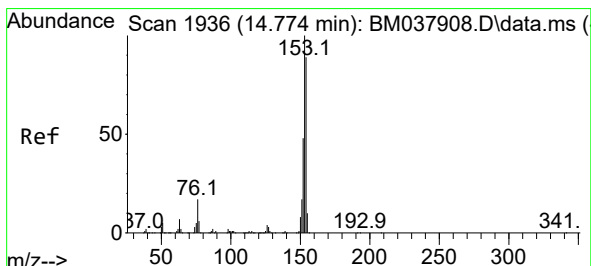
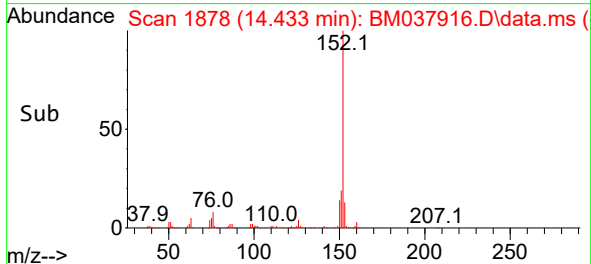
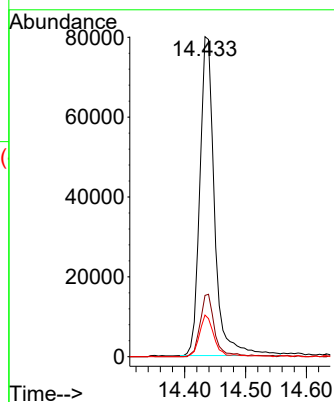
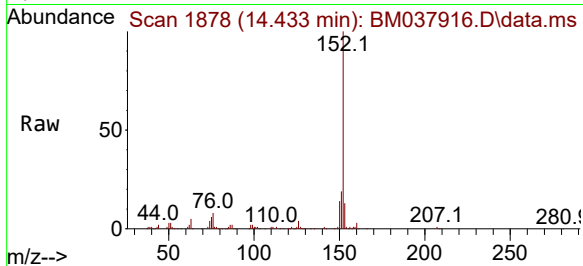




#50
Acenaphthylene
Concen: 3.500 ng/ul
RT: 14.433 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037916.D
Acq: 09 Dec 2022 14:39

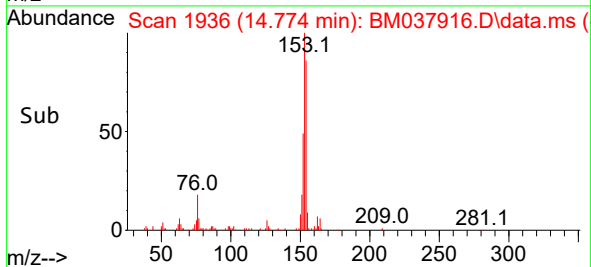
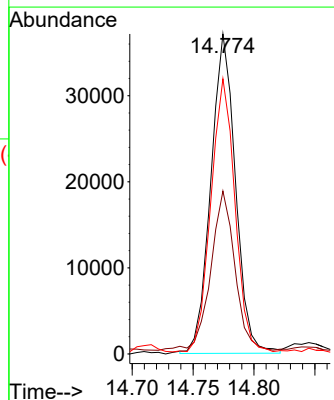
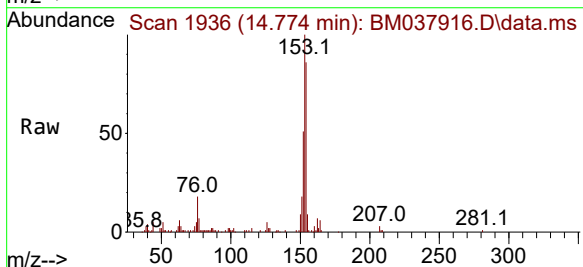
Instrument :
BNA_M
ClientSampleId :
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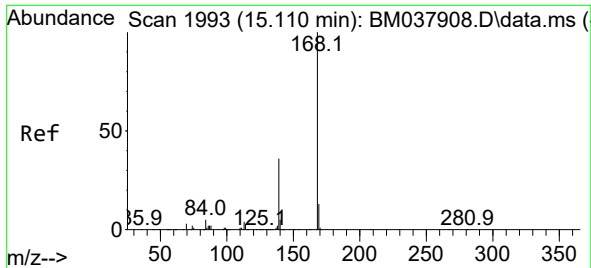
Tgt Ion:152 Resp: 134434
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9
153 13.0 10.2 15.4



#52
Acenaphthene
Concen: 1.963 ng/ul
RT: 14.774 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM037916.D
Acq: 09 Dec 2022 14:39

Tgt Ion:153 Resp: 52145
Ion Ratio Lower Upper
153 100
152 50.9 38.2 57.4
154 86.0 71.4 107.0

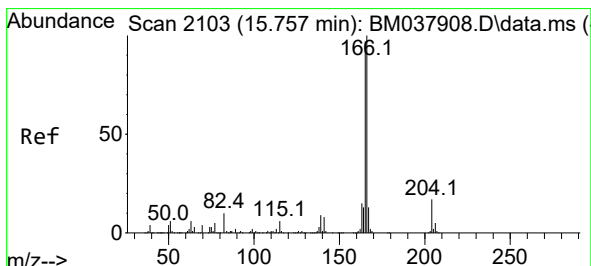
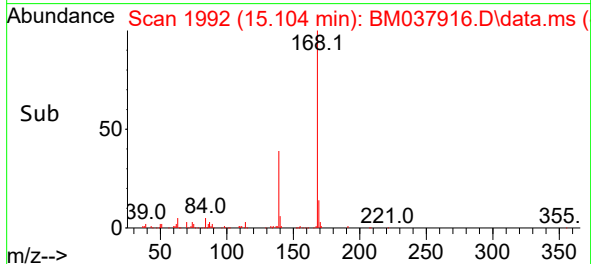
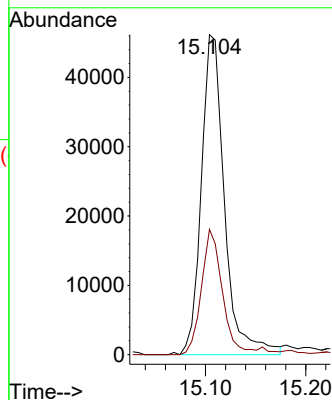
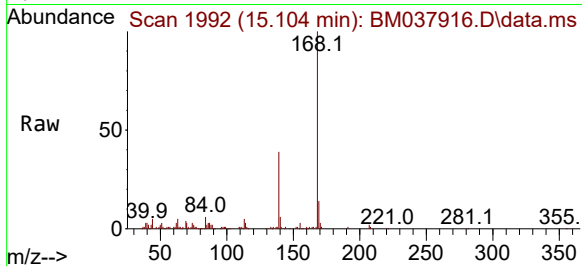




#56
Dibenzofuran
Concen: 2.046 ng/ul
RT: 15.104 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM037916.D
Acq: 09 Dec 2022 14:39

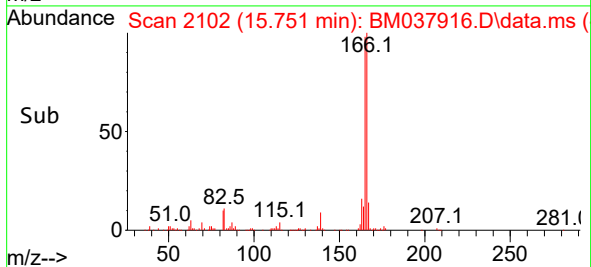
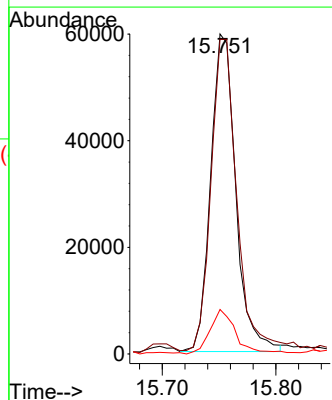
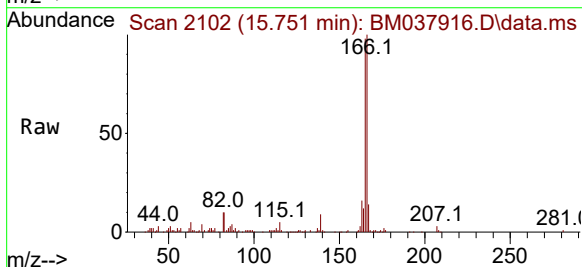
Instrument :
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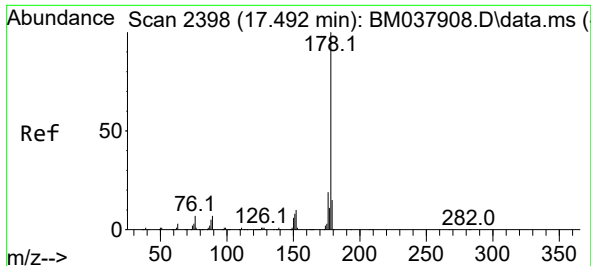
Tgt Ion:168 Resp: 74213
Ion Ratio Lower Upper
168 100
139 39.1 28.1 42.1



#61
Fluorene
Concen: 3.097 ng/ul
RT: 15.751 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM037916.D
Acq: 09 Dec 2022 14:39

Tgt Ion:166 Resp: 91584
Ion Ratio Lower Upper
166 100
165 98.4 77.2 115.8
167 13.9 10.4 15.6

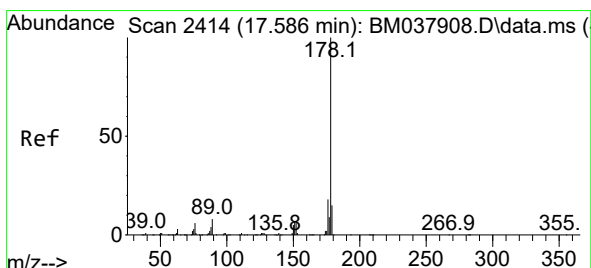
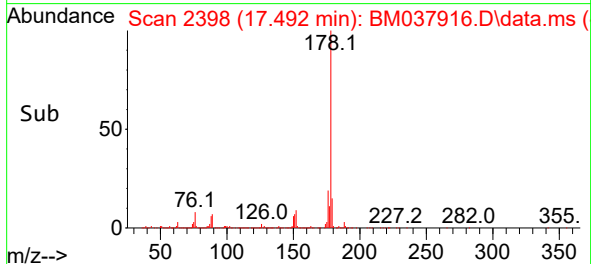
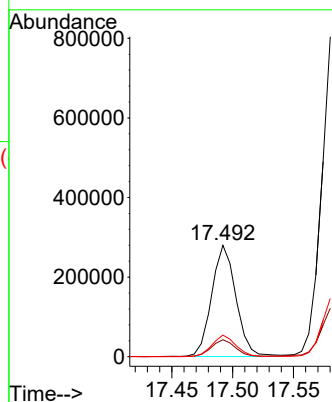
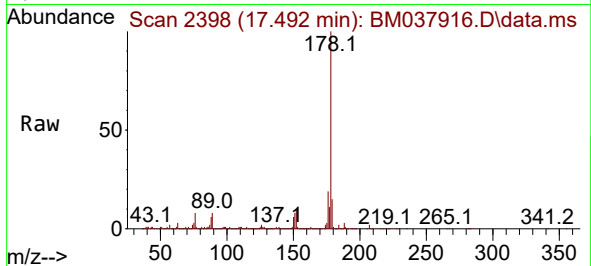




#72
Phenanthrene
Concen: 7.585 ng/ul
RT: 17.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037916.D
Acq: 09 Dec 2022 14:39

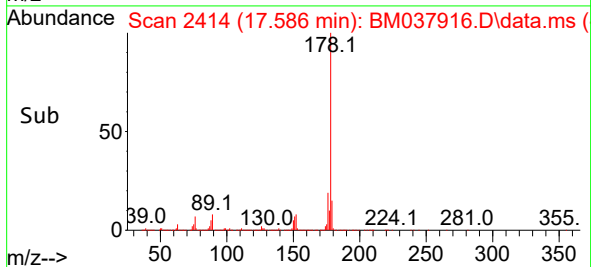
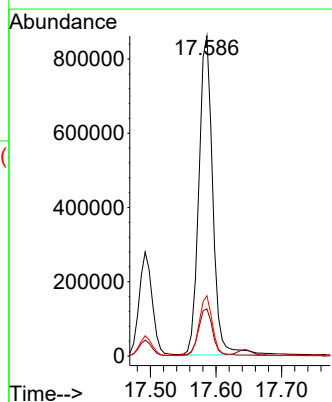
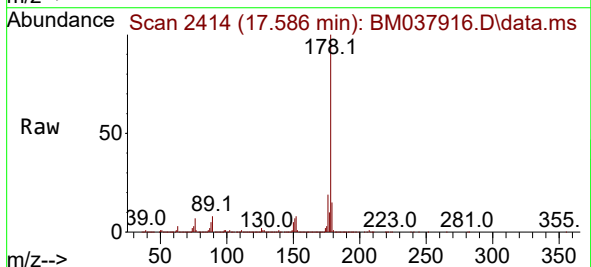
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BNA_M
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DBXM2

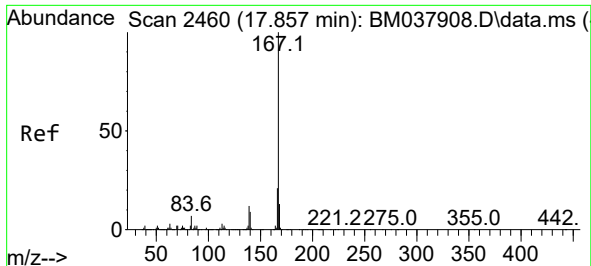
Tgt Ion:178 Resp: 387414
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.3 15.4 23.0



#74
Anthracene
Concen: 24.427 ng/ul
RT: 17.586 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM037916.D
Acq: 09 Dec 2022 14:39

Tgt Ion:178 Resp: 1267885
Ion Ratio Lower Upper
178 100
179 14.7 11.8 17.8
176 18.8 15.0 22.6

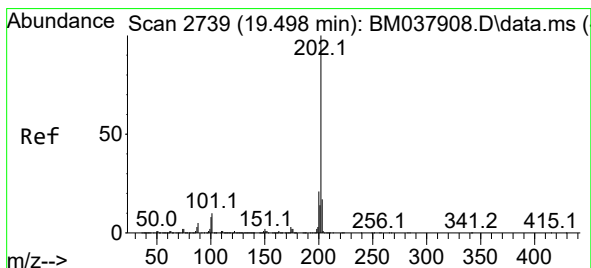
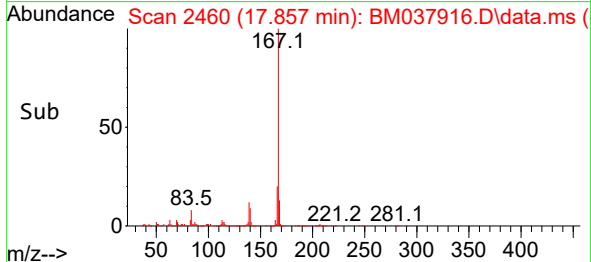
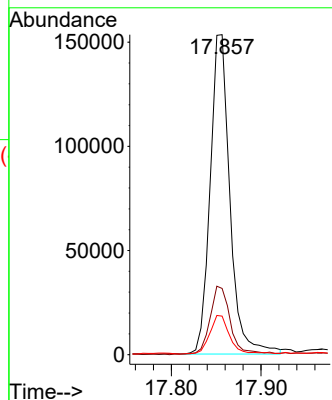
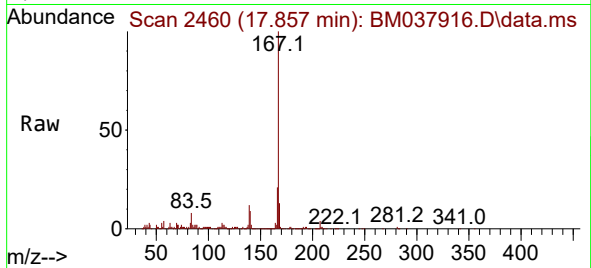




#77
 Carbazole
 Concen: 5.223 ng/ul
 RT: 17.857 min Scan# 2460
 Delta R.T. 0.000 min
 Lab File: BM037916.D
 Acq: 09 Dec 2022 14:39

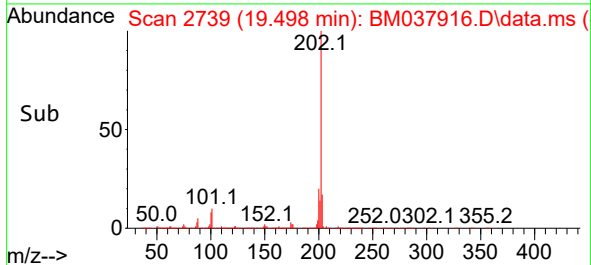
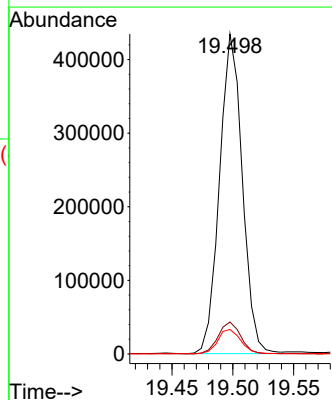
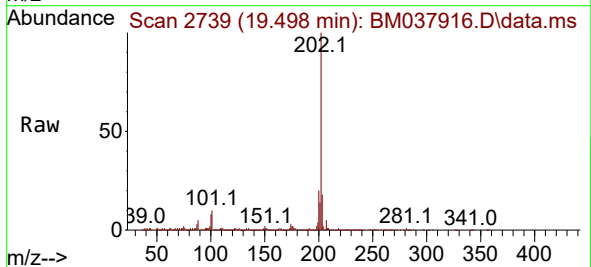
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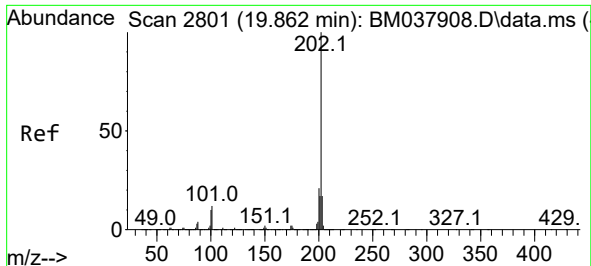
Tgt Ion:167 Resp: 234859
 Ion Ratio Lower Upper
 167 100
 166 20.7 16.7 25.1
 139 12.0 9.8 14.6



#80
 Fluoranthene
 Concen: 8.210 ng/ul
 RT: 19.498 min Scan# 2739
 Delta R.T. 0.000 min
 Lab File: BM037916.D
 Acq: 09 Dec 2022 14:39

Tgt Ion:202 Resp: 565987
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.6 13.0
 100 7.7 6.6 10.0

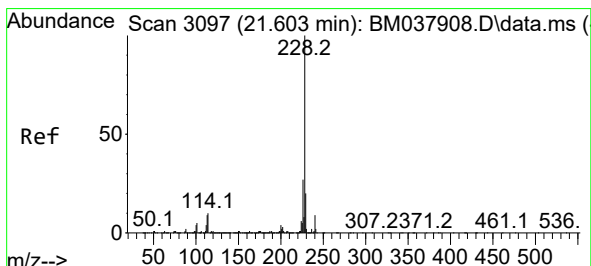
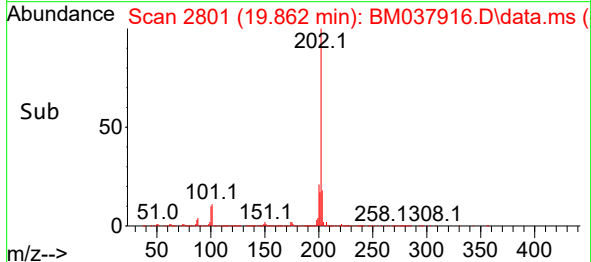
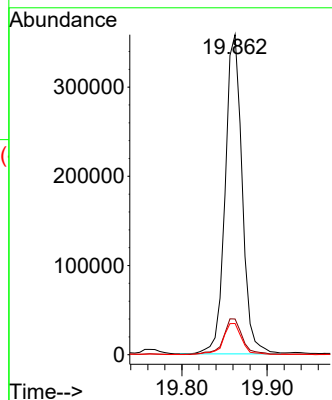
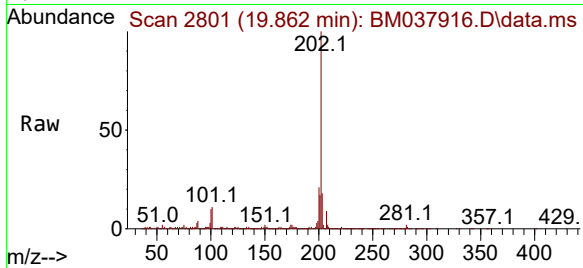




#82
Pyrene
Concen: 6.914 ng/ul
RT: 19.862 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BM037916.D
Acq: 09 Dec 2022 14:39

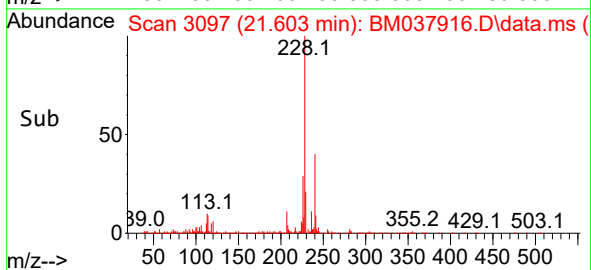
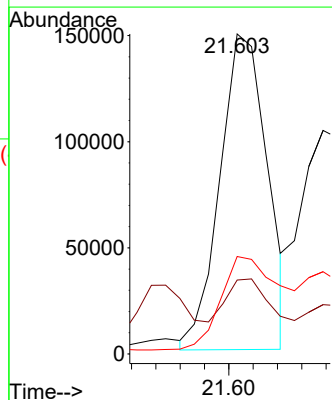
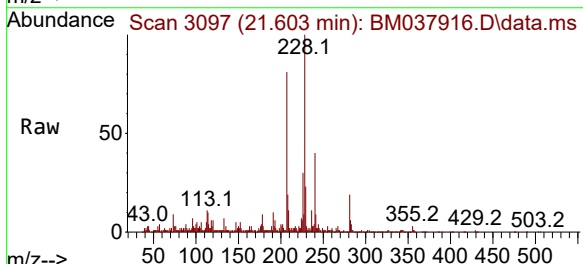
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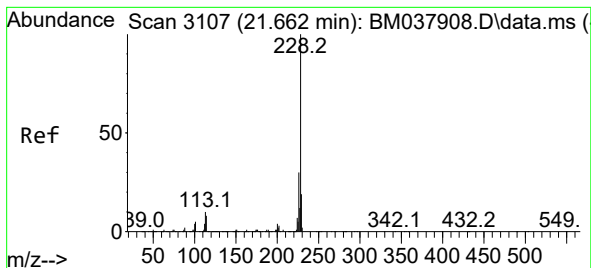
Tgt Ion:202 Resp: 496104
Ion Ratio Lower Upper
202 100
101 11.1 10.0 15.0
100 9.7 7.9 11.9



#85
Benzo(a)anthracene
Concen: 3.077 ng/ul
RT: 21.603 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BM037916.D
Acq: 09 Dec 2022 14:39

Tgt Ion:228 Resp: 201419
Ion Ratio Lower Upper
228 100
229 23.1 15.5 23.3
226 30.5 21.8 32.8





#87

Chrysene

Concen: 3.465 ng/ul

RT: 21.656 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM037916.D

Acq: 09 Dec 2022 14:39

Instrument :

BNA_M

ClientSampleId :

DBXM2

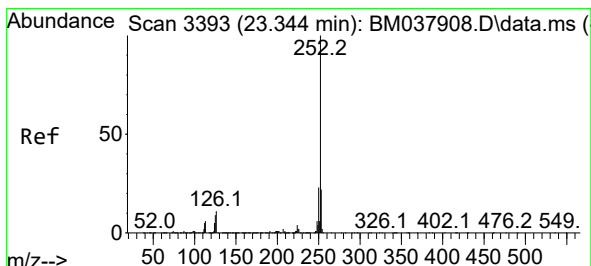
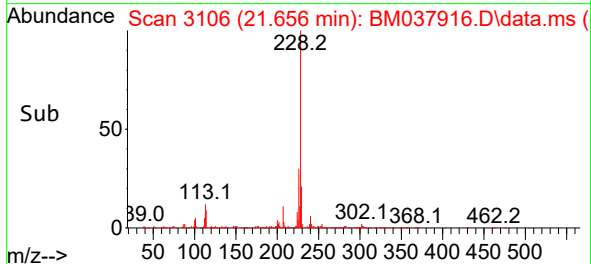
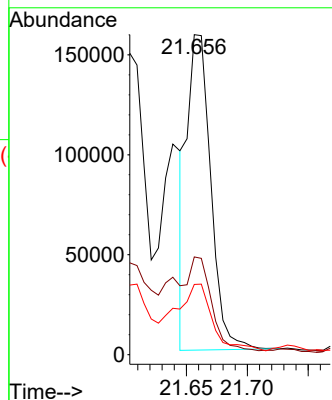
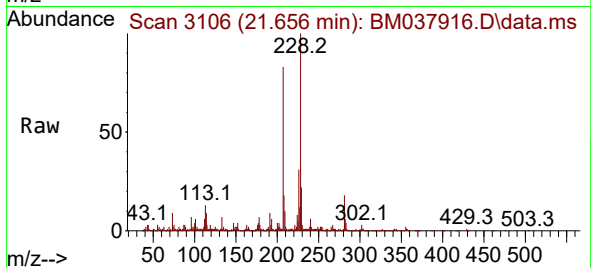
Tgt Ion:228 Resp: 212861

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 22.0 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 18.483 ng/ul

RT: 23.345 min Scan# 3393

Delta R.T. 0.000 min

Lab File: BM037916.D

Acq: 09 Dec 2022 14:39

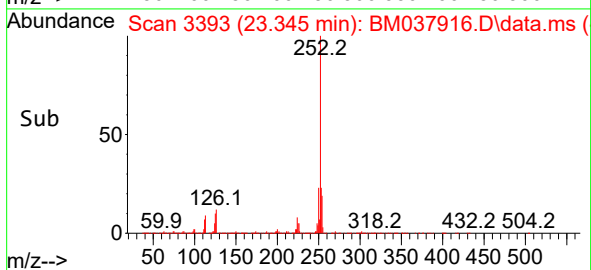
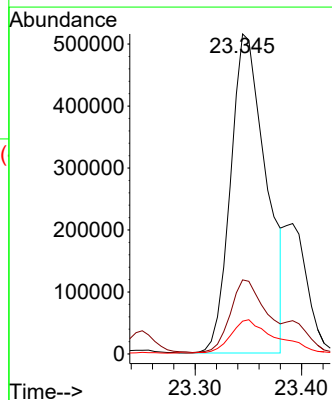
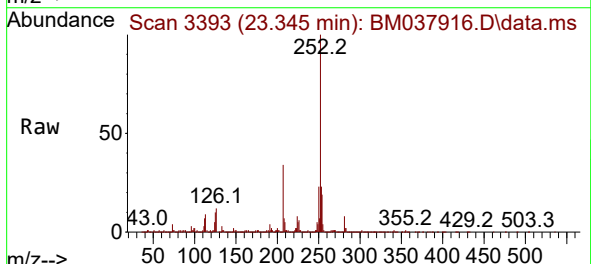
Tgt Ion:252 Resp: 1192762

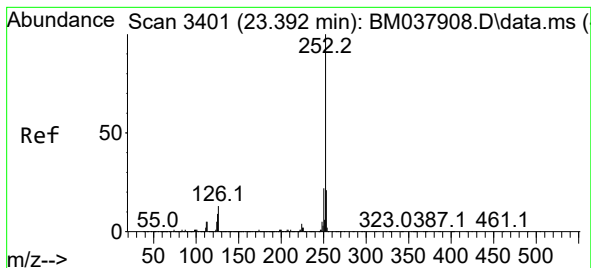
Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 10.2 8.0 12.0





#91

Benzo(k)fluoranthene

Concen: 19.072 ng/ul

RT: 23.345 min Scan# 31

Delta R.T. -0.047 min

Lab File: BM037916.D

Acq: 09 Dec 2022 14:39

Instrument :

BNA_M

ClientSampleId :

DBXM2

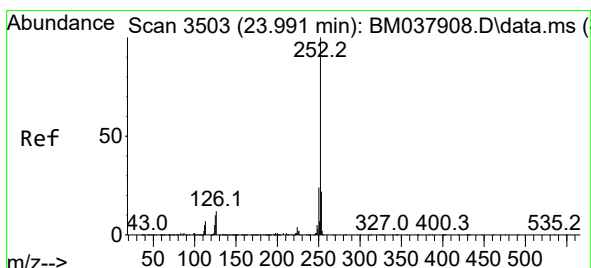
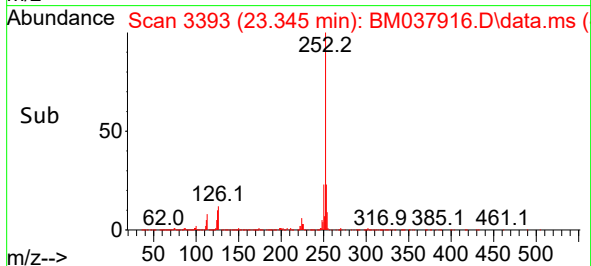
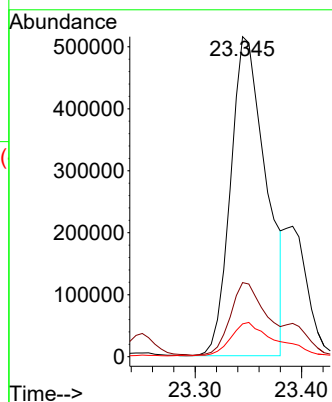
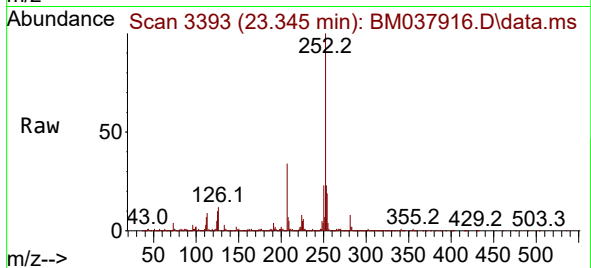
Tgt Ion:252 Resp: 1192762

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 10.2 8.1 12.1



#93

Benzo(a)pyrene

Concen: 9.239 ng/ul

RT: 23.997 min Scan# 3504

Delta R.T. 0.006 min

Lab File: BM037916.D

Acq: 09 Dec 2022 14:39

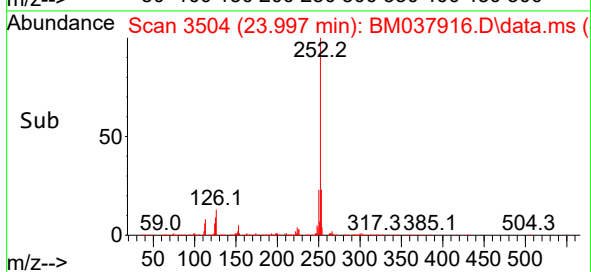
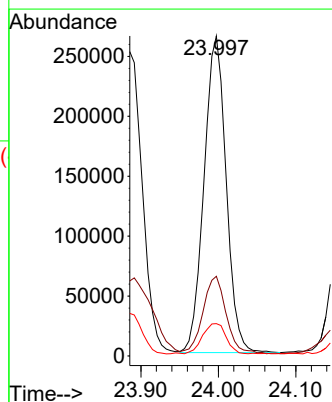
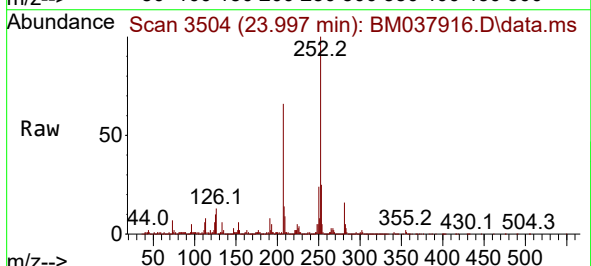
Tgt Ion:252 Resp: 524262

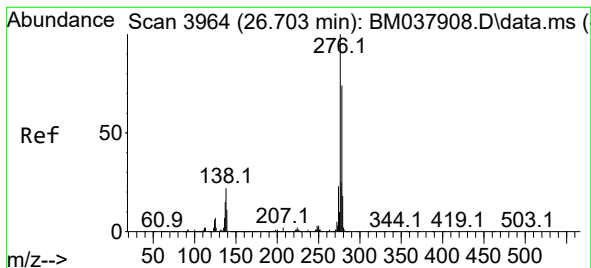
Ion Ratio Lower Upper

252 100

253 24.9 17.4 26.0

125 10.1 9.4 14.0





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.738 ng/ul

RT: 26.697 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM037916.D

Acq: 09 Dec 2022 14:39

Instrument :

BNA_M

ClientSampleId :

DBXM2

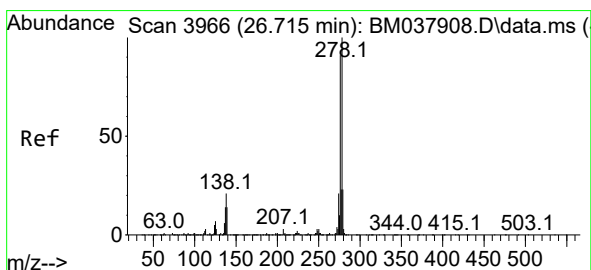
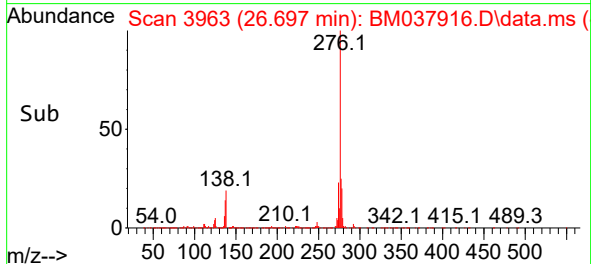
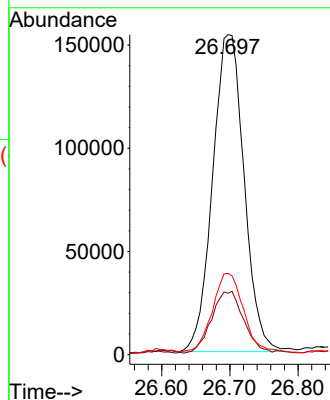
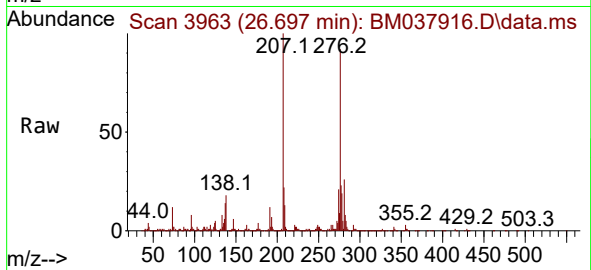
Tgt Ion:276 Resp: 492443

Ion Ratio Lower Upper

276 100

138 19.2 19.3 28.9#

277 25.4 19.8 29.8



#95

Dibenzo(a,h)anthracene

Concen: 1.955 ng/ul

RT: 26.703 min Scan# 3964

Delta R.T. -0.012 min

Lab File: BM037916.D

Acq: 09 Dec 2022 14:39

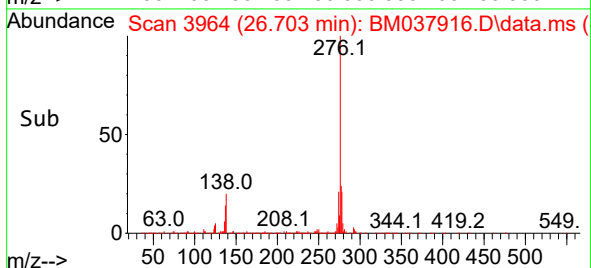
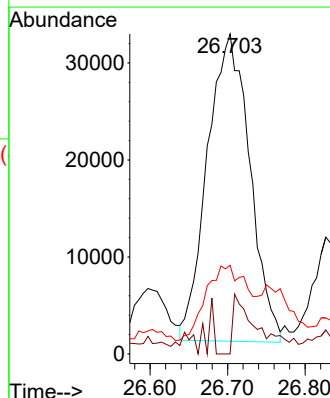
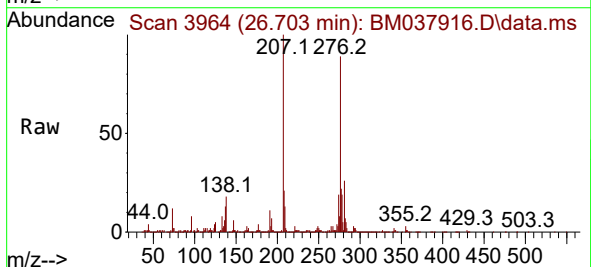
Tgt Ion:278 Resp: 120434

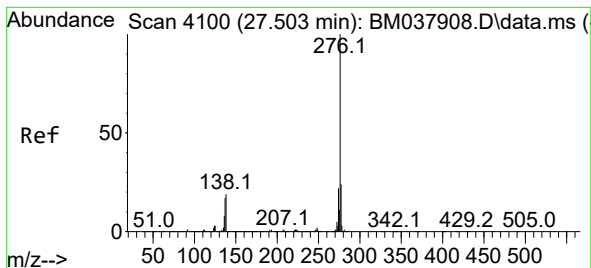
Ion Ratio Lower Upper

278 100

139 0.0 12.4 18.6#

279 27.7 19.8 29.6





#96

Benzo(g,h,i)perylene

Concen: 6.211 ng/ul

RT: 27.497 min Scan# 4099

Delta R.T. -0.006 min

Lab File: BM037916.D

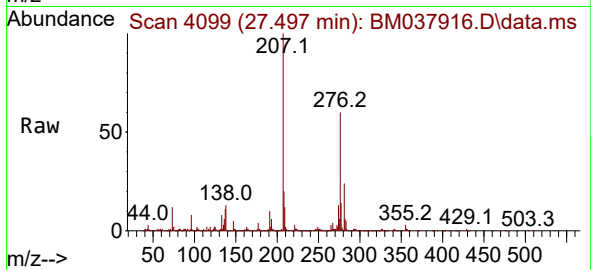
Acq: 09 Dec 2022 14:39

Instrument :

BNA_M

ClientSampleId :

DBXM2



Tgt Ion:276 Resp: 362445

Ion Ratio Lower Upper

276 100

138 21.6 17.1 25.7

277 23.5 18.2 27.4

