

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037939.D
 Acq On : 10 Dec 2022 17:54
 Operator : CG/JU
 Sample : N5896-13MEDL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXN1MEDL

Quant Time: Dec 11 21:28:06 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)

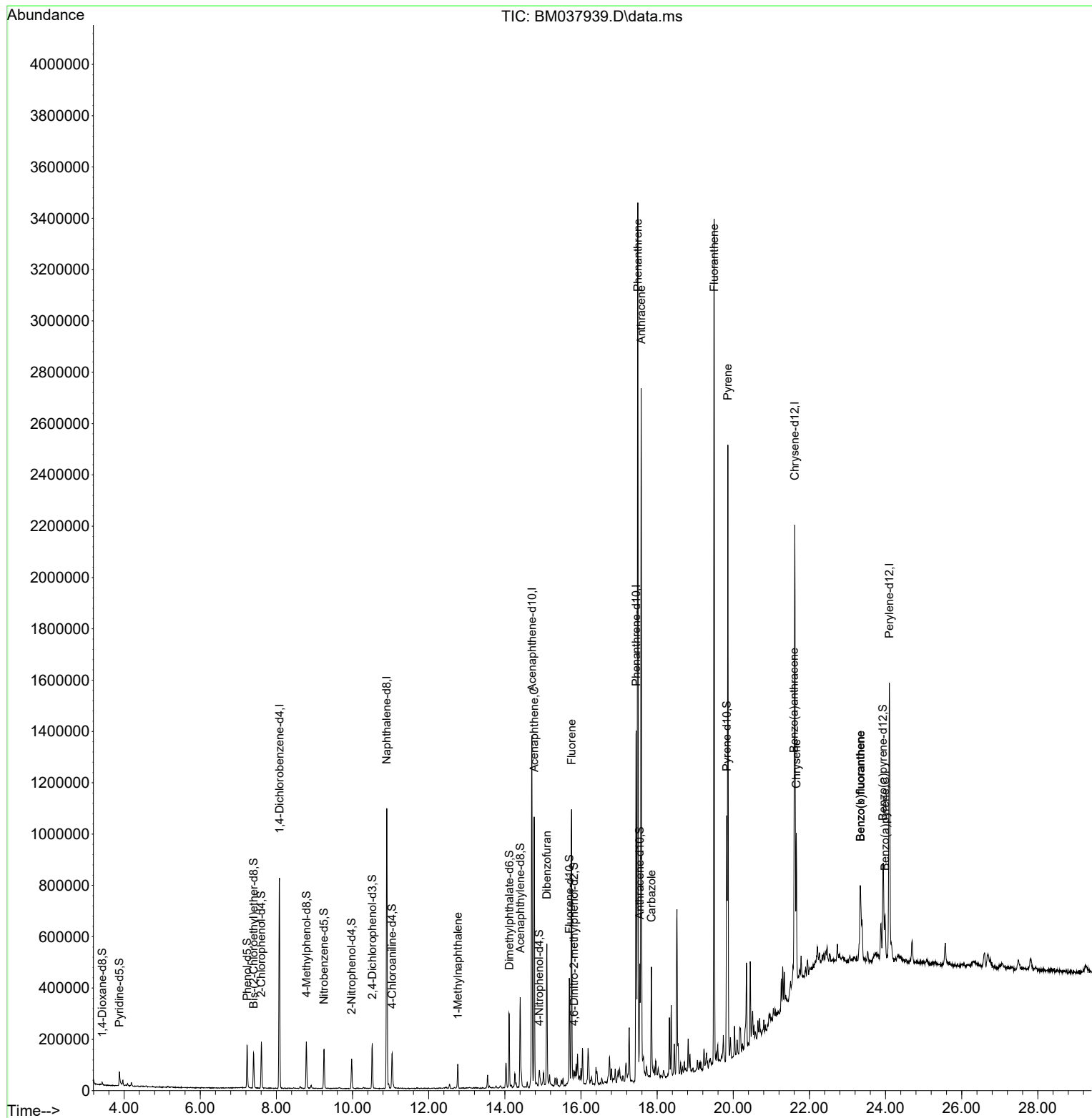
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	224357	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	875590	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	470022	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	870274	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	786262	20.000	ng/ul	0.00
88) Perylene-d12	24.097	264	866333	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	5229	1.058	ng/uL	0.00
4) Pyridine-d5	3.875	84	32194	2.196	ng/ul	0.02
7) Phenol-d5	7.234	99	90273	4.952	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	60358	5.437	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	81256	5.433	ng/ul	0.00
15) 4-Methylphenol-d8	8.786	113	65580	4.608	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	36788	5.307	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	36789	5.064	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	65463	4.744	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	76266	4.004	ng/ul	0.00
46) Dimethylphthalate-d6	14.115	166	193897	5.786	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	219899	5.369	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	13141	2.301	ng/ul	0.00
60) Fluorene-d10	15.692	176	167181	5.600	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	10215	2.195	ng/ul	0.00
73) Anthracene-d10	17.545	188	237687	5.852	ng/ul	0.00
81) Pyrene-d10	19.827	212	279706	5.922	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.932	264	261390	6.041	ng/ul	-0.01
Target Compounds					Qvalue	
37) 1-Methylnaphthalene	12.763	142	42424	1.354	ng/ul	97
52) Acenaphthene	14.768	153	416827	13.382	ng/ul	99
56) Dibenzofuran	15.104	168	342802	8.061	ng/ul	99
61) Fluorene	15.751	166	481859	13.894	ng/ul	98
72) Phenanthrene	17.492	178	2017863	42.458	ng/ul	100
74) Anthracene	17.580	178	1605516	33.242	ng/ul	99
77) Carbazole	17.851	167	269648	6.444	ng/ul	99
80) Fluoranthene	19.497	202	1952935	35.036	ng/ul	99
82) Pyrene	19.856	202	1382828	23.837	ng/ul	99
85) Benzo(a)anthracene	21.597	228	328146	6.199	ng/ul	99
87) Chrysene	21.656	228	371858	7.487	ng/ul	98
90) Benzo(b)fluoranthene	23.338	252	290510	5.409	ng/ul	98
91) Benzo(k)fluoranthene	23.338	252	290510	5.581	ng/ul	98
93) Benzo(a)pyrene	23.985	252	125201	2.651	ng/ul	97

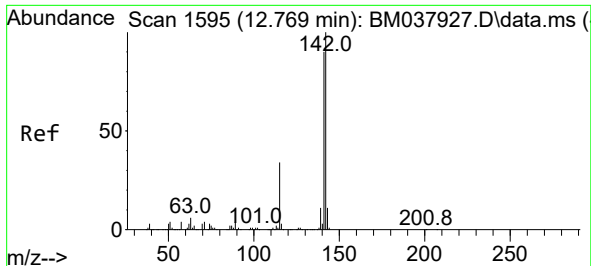
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037939.D
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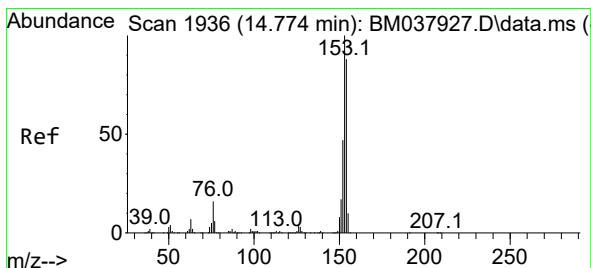
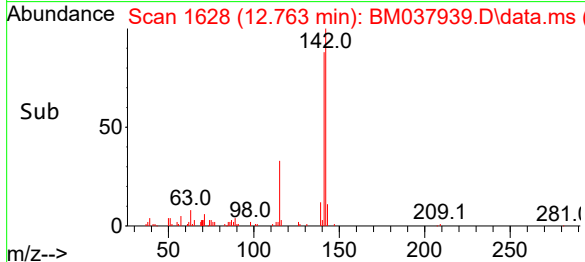
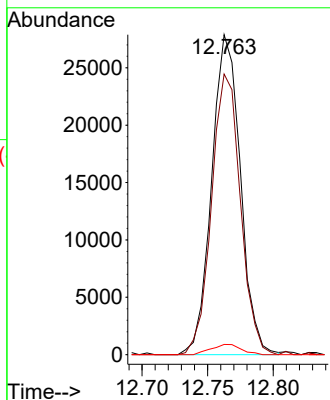
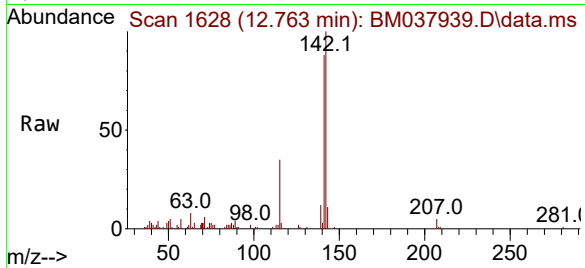




#37
1-Methylnaphthalene
Concen: 1.354 ng/ul
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM037939.D
Acq: 10 Dec 2022 17:54

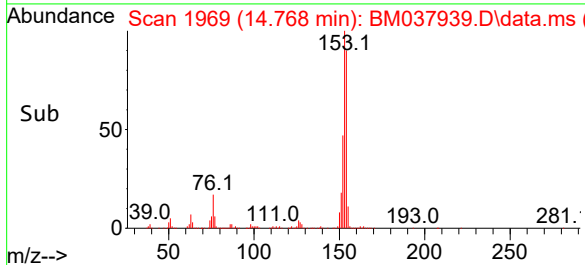
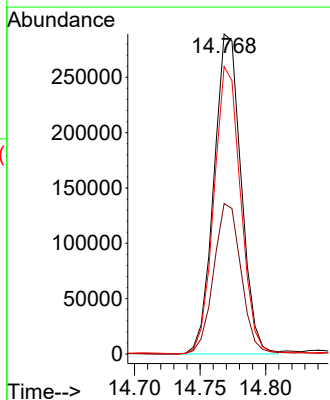
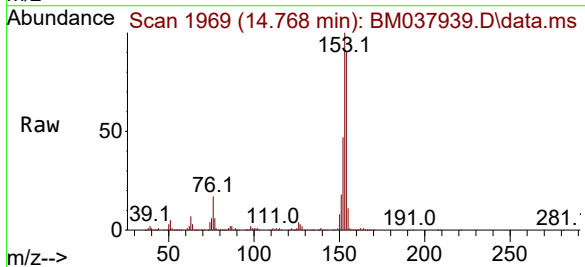
Instrument :
BNA_M
ClientSampleId :
DBXN1MEDL

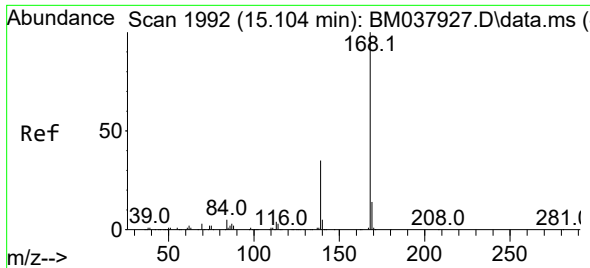
Tgt Ion:142 Resp: 42424
Ion Ratio Lower Upper
142 100
141 87.7 72.4 108.6
116 3.2 2.9 4.3



#52
Acenaphthene
Concen: 13.382 ng/ul
RT: 14.768 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM037939.D
Acq: 10 Dec 2022 17:54

Tgt Ion:153 Resp: 416827
Ion Ratio Lower Upper
153 100
152 47.0 38.2 57.4
154 89.8 71.4 107.0

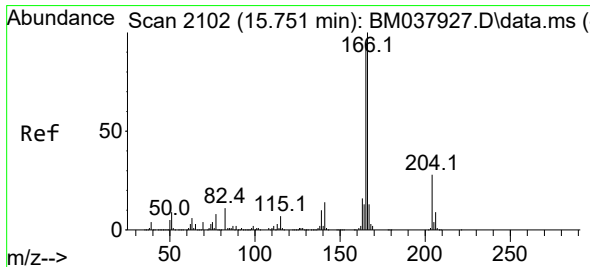
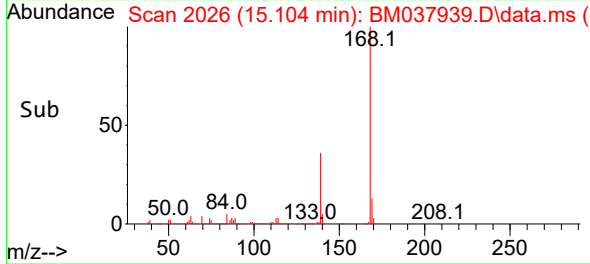
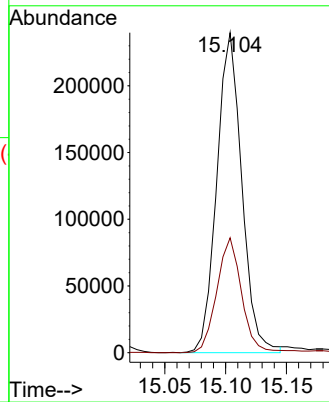
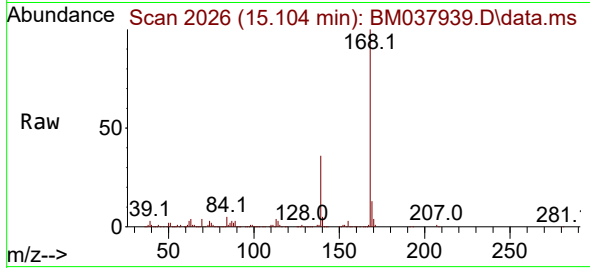




#56
Dibenzenofuran
Concen: 8.061 ng/ul
RT: 15.104 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM037939.D
Acq: 10 Dec 2022 17:54

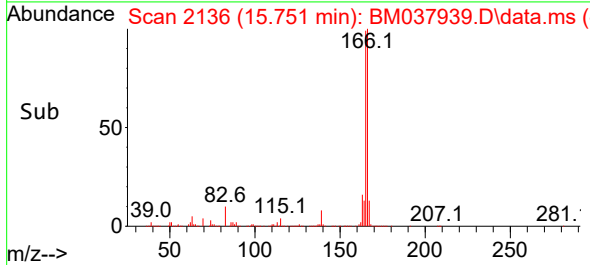
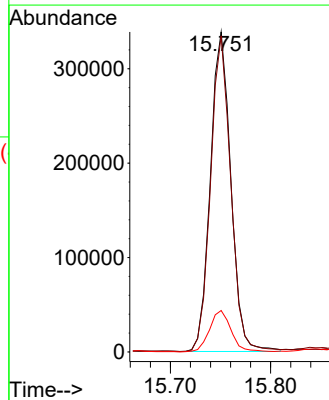
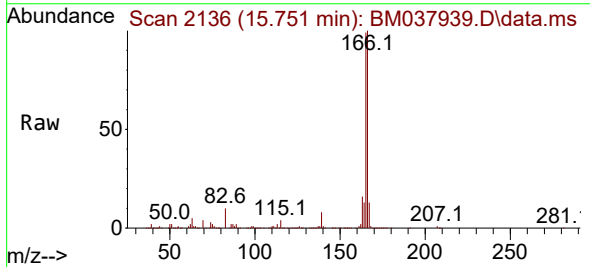
Instrument :
BNA_M
ClientSampleId :
DBXN1MEDL

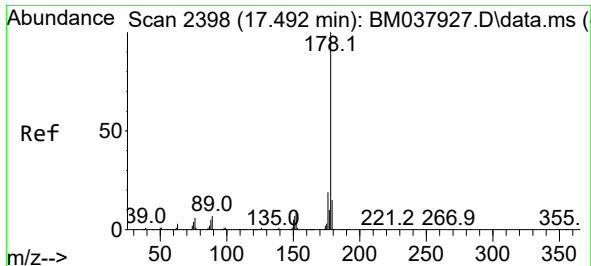
Tgt Ion:168 Resp: 342802
Ion Ratio Lower Upper
168 100
139 35.9 28.1 42.1



#61
Fluorene
Concen: 13.894 ng/ul
RT: 15.751 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM037939.D
Acq: 10 Dec 2022 17:54

Tgt Ion:166 Resp: 481859
Ion Ratio Lower Upper
166 100
165 98.8 77.2 115.8
167 13.0 10.4 15.6

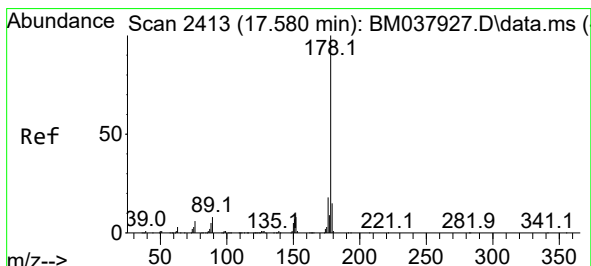
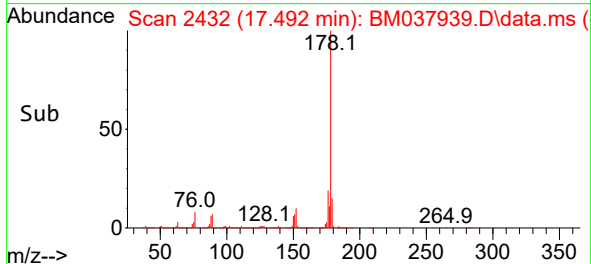
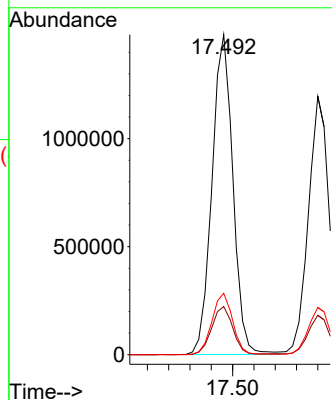
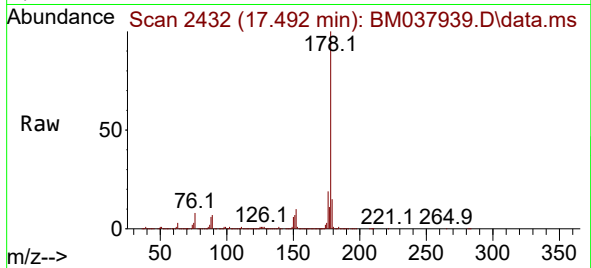




#72
Phenanthrene
Concen: 42.458 ng/ul
RT: 17.492 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM037939.D
Acq: 10 Dec 2022 17:54

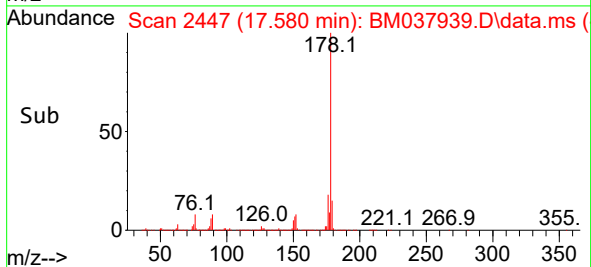
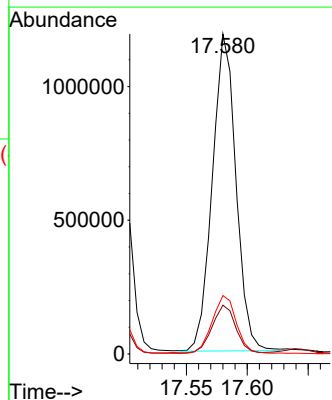
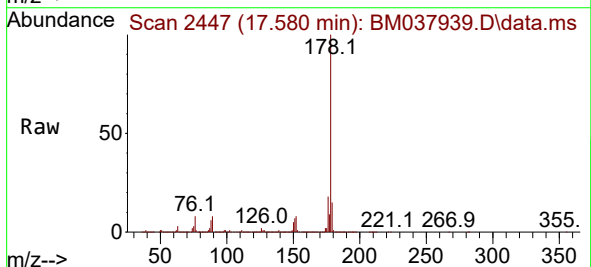
Instrument :
BNA_M
ClientSampleId :
DBXN1MEDL

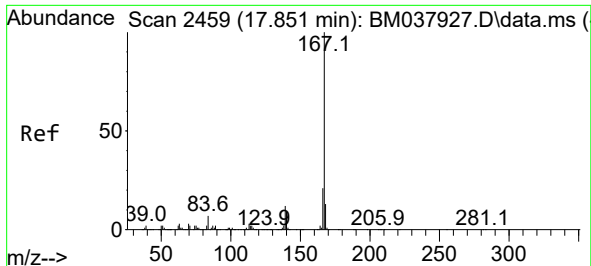
Tgt Ion:178 Resp: 2017863
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.2
176 19.2 15.4 23.0



#74
Anthracene
Concen: 33.242 ng/ul
RT: 17.580 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BM037939.D
Acq: 10 Dec 2022 17:54

Tgt Ion:178 Resp: 1605516
Ion Ratio Lower Upper
178 100
179 15.2 11.8 17.8
176 18.3 15.0 22.6

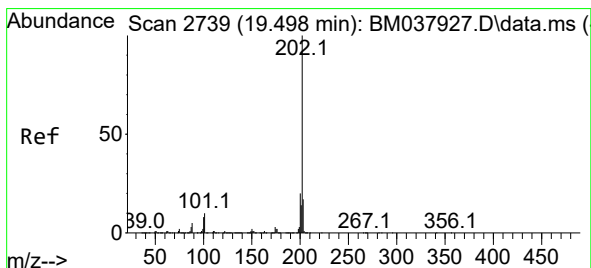
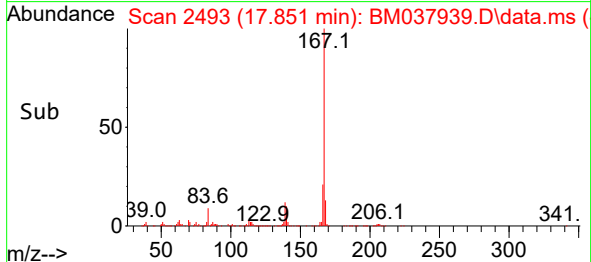
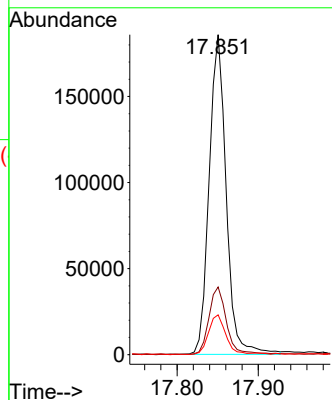
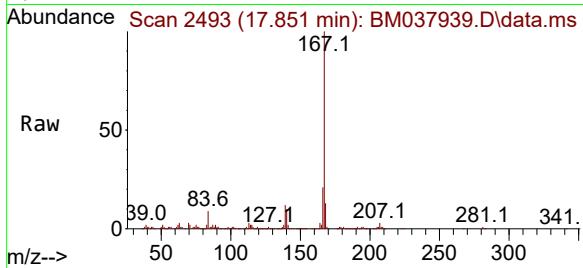




#77
 Carbazole
 Concen: 6.444 ng/ul
 RT: 17.851 min Scan# 2459
 Delta R.T. -0.006 min
 Lab File: BM037939.D
 Acq: 10 Dec 2022 17:54

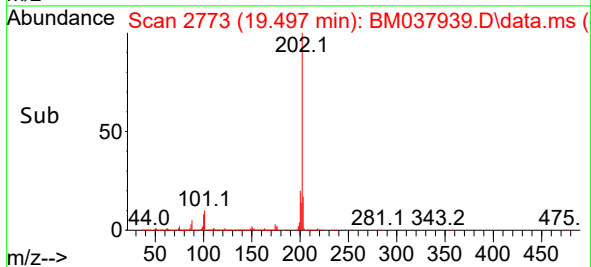
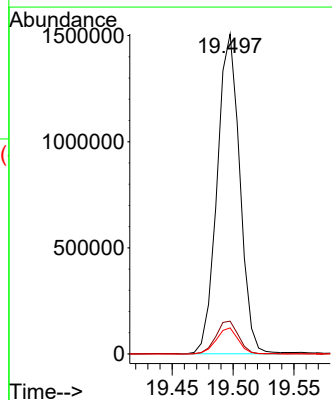
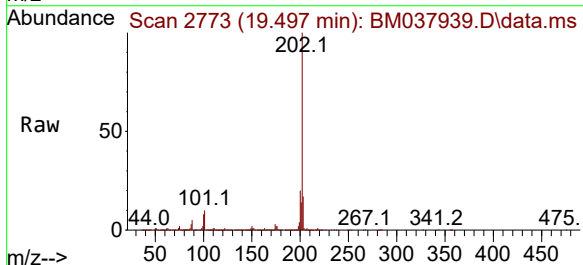
Instrument :
 BNA_M
 ClientSampleId :
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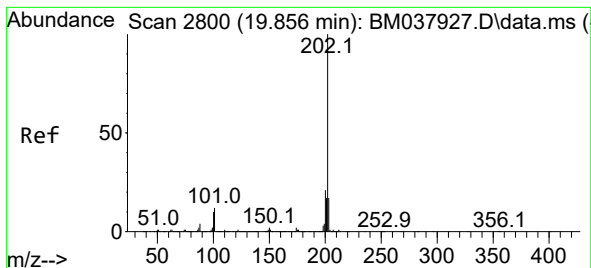
Tgt Ion:167 Resp: 269648
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.7 25.1
 139 12.5 9.8 14.6



#80
 Fluoranthene
 Concen: 35.036 ng/ul
 RT: 19.497 min Scan# 2773
 Delta R.T. -0.000 min
 Lab File: BM037939.D
 Acq: 10 Dec 2022 17:54

Tgt Ion:202 Resp: 1952935
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.6 13.0
 100 8.1 6.6 10.0





#82

Pyrene

Concen: 23.837 ng/ul

RT: 19.856 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037939.D

Acq: 10 Dec 2022 17:54

Instrument :

BNA_M

ClientSampleId :

DBXN1MEDL

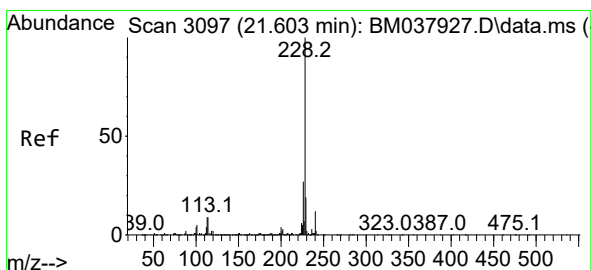
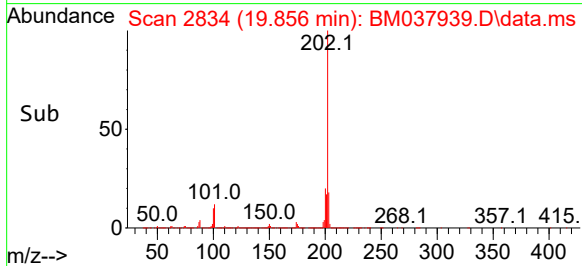
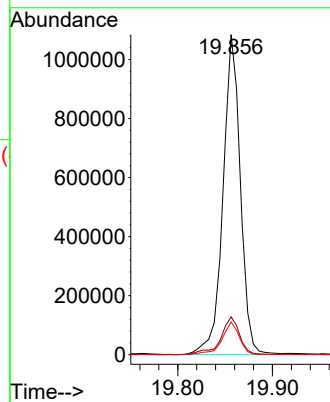
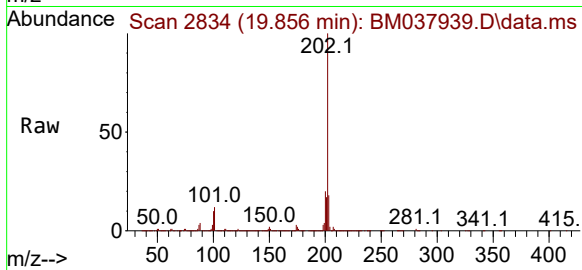
Tgt Ion:202 Resp: 1382828

Ion Ratio Lower Upper

202 100

101 11.8 10.0 15.0

100 10.2 7.9 11.9



#85

Benzo(a)anthracene

Concen: 6.199 ng/ul

RT: 21.597 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM037939.D

Acq: 10 Dec 2022 17:54

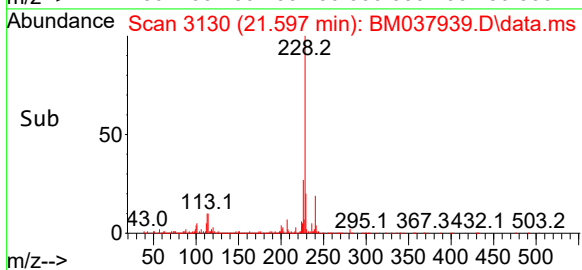
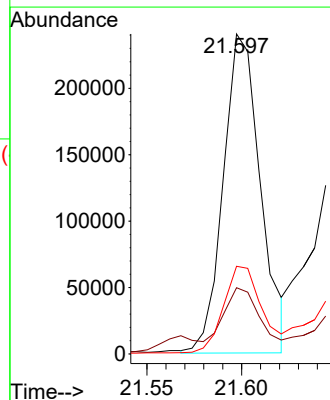
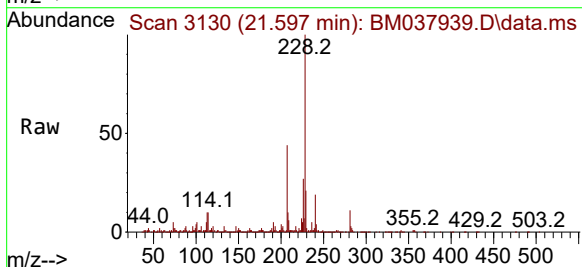
Tgt Ion:228 Resp: 328146

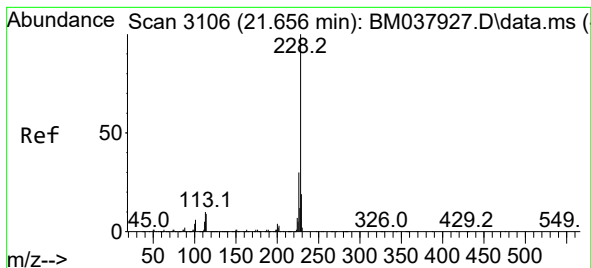
Ion Ratio Lower Upper

228 100

229 20.7 15.5 23.3

226 27.4 21.8 32.8





#87

Chrysene

Concen: 7.487 ng/ul

RT: 21.656 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM037939.D

Acq: 10 Dec 2022 17:54

Instrument :

BNA_M

ClientSampleId :

DBXN1MEDL

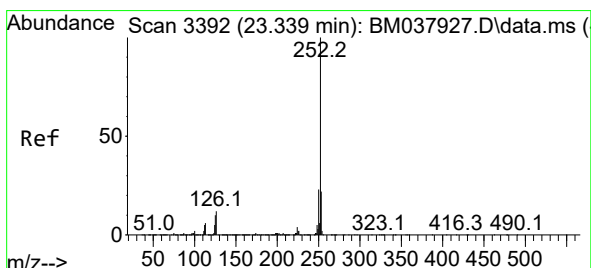
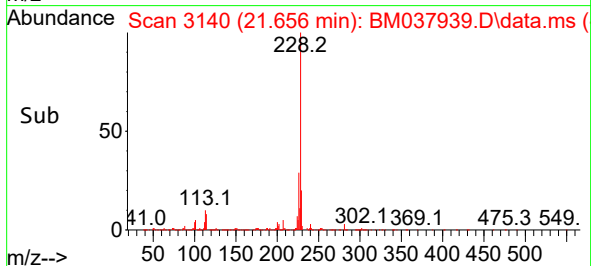
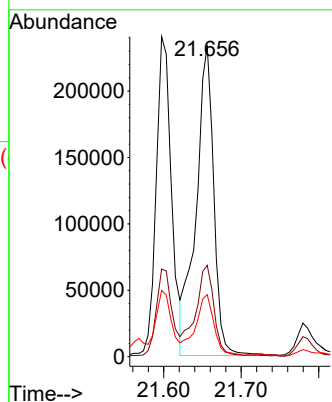
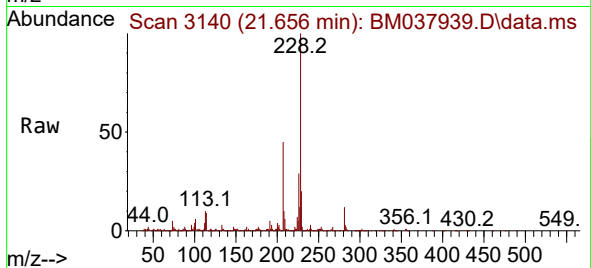
Tgt Ion:228 Resp: 371858

Ion Ratio Lower Upper

228 100

226 29.3 24.3 36.5

229 19.9 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 5.409 ng/ul

RT: 23.338 min Scan# 3426

Delta R.T. -0.006 min

Lab File: BM037939.D

Acq: 10 Dec 2022 17:54

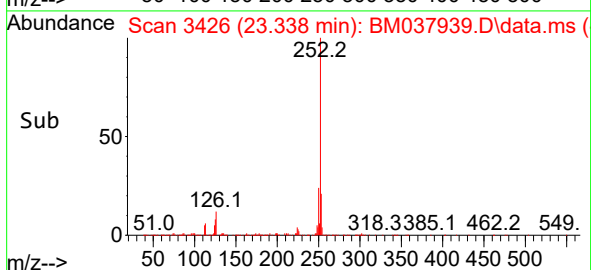
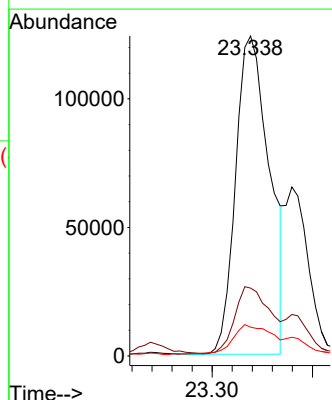
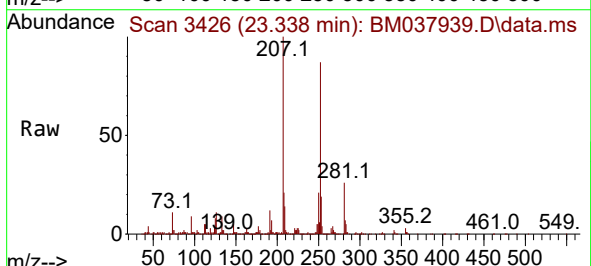
Tgt Ion:252 Resp: 290510

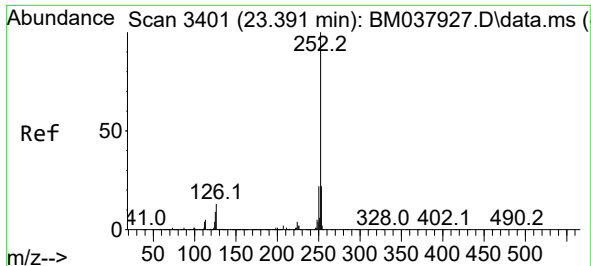
Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 9.0 8.0 12.0

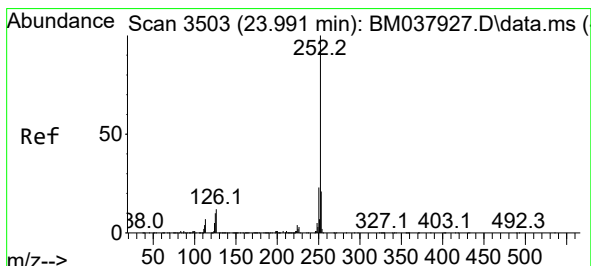
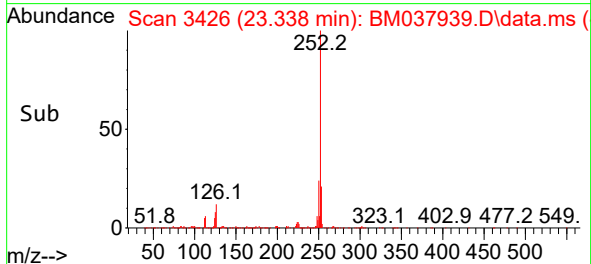
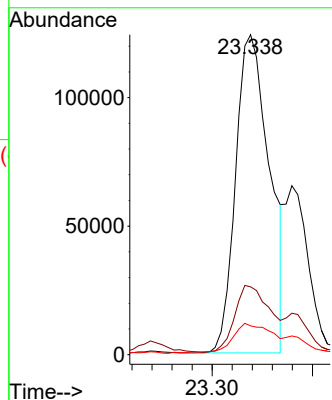
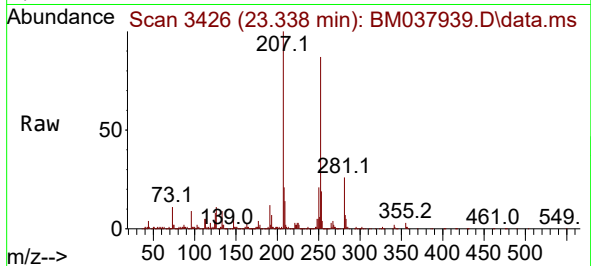




#91
Benzo(k)fluoranthene
Concen: 5.581 ng/ul
RT: 23.338 min Scan# 34
Delta R.T. -0.053 min
Lab File: BM037939.D
Acq: 10 Dec 2022 17:54

Instrument :
BNA_M
ClientSampleId :
DBXN1MEDL

Tgt Ion:252 Resp: 290510
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 9.0 8.1 12.1



#93
Benzo(a)pyrene
Concen: 2.651 ng/ul
RT: 23.985 min Scan# 3536
Delta R.T. -0.006 min
Lab File: BM037939.D
Acq: 10 Dec 2022 17:54

Tgt Ion:252 Resp: 125201
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 11.5 9.4 14.0

