

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
 Data File : BM037832.D
 Acq On : 02 Dec 2022 17:03
 Operator : CG/JU
 Sample : N5738-09DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GBNH8DL

Quant Time: Dec 02 21:49:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 01:14:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

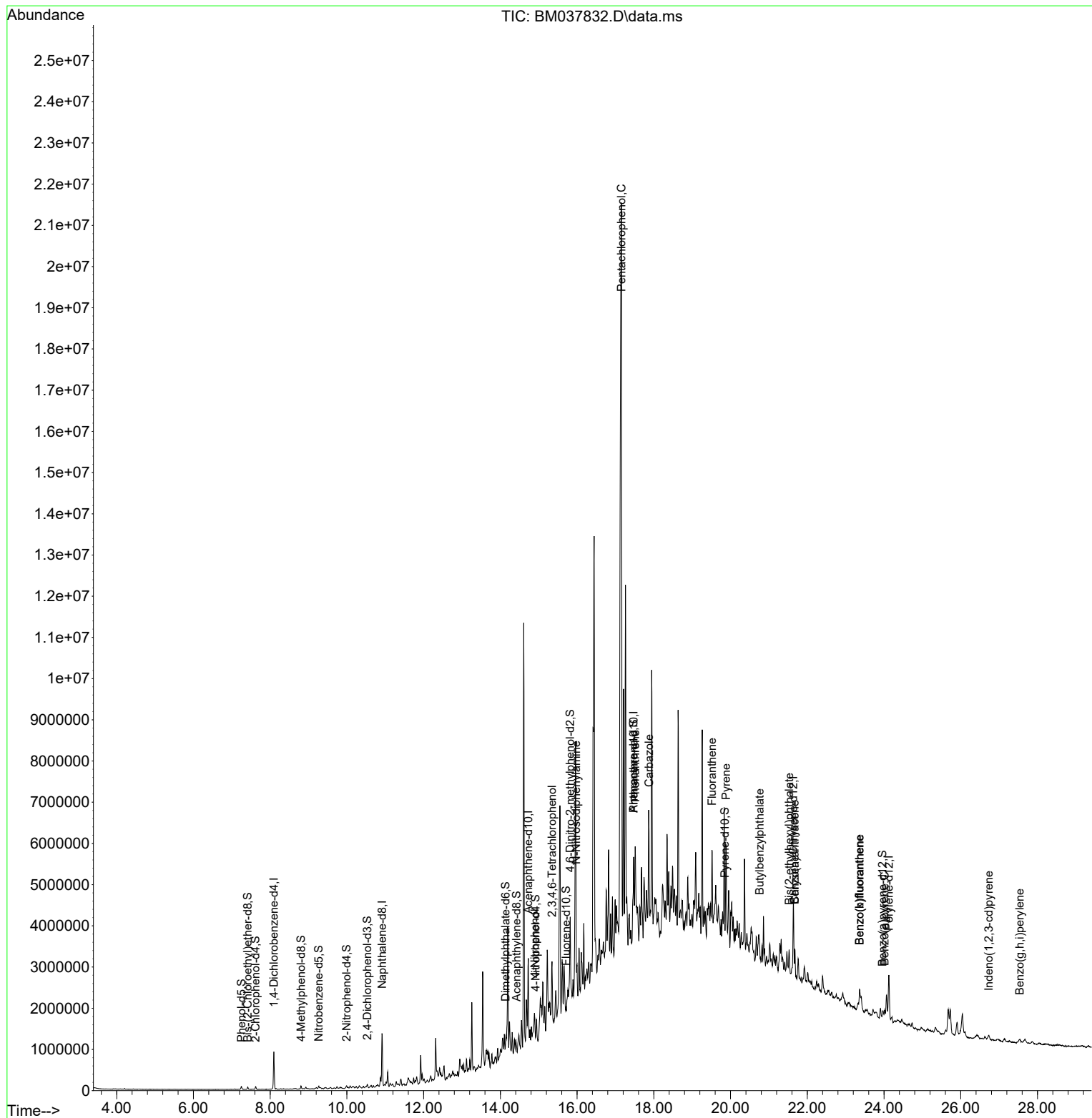
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	247161	20.000	ng/ul	0.00
20) Naphthalene-d8	10.916	136	1006071	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.727	164	550683	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	887466	20.000	ng/ul	0.01
79) Chrysene-d12	21.639	240	787718	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	831653	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	1607	0.305	ng/uL	0.00
4) Pyridine-d5	3.869	84	425	0.025	ng/ul	0.00
7) Phenol-d5	7.251	99	37314	1.676	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	23434	1.804	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	30807	1.830	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	27220	1.537	ng/ul	0.00
21) Nitrobenzene-d5	9.269	128	15823	1.980	ng/ul	0.00
24) 2-Nitrophenol-d4	9.992	143	15839	1.915	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	27690	1.805	ng/ul	0.00
31) 4-Chloroaniline-d4	11.028	131	5220	0.222	ng/ul	-0.02
46) Dimethylphthalate-d6	14.133	166	82989	2.195	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	93542	2.034	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	16757	2.135	ng/ul	0.01
60) Fluorene-d10	15.716	176	67017	1.953	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	13535	2.895	ng/ul	0.00
73) Anthracene-d10	17.474	188	892185	21.860	ng/ul	-0.09
81) Pyrene-d10	19.851	212	94615	2.319	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	88774	2.131	ng/ul	0.00
Target Compounds				Qvalue		
55) 4-Nitrophenol	14.898	109	61749	12.763	ng/ul#	1
58) 2,3,4,6-Tetrachlorophenol	15.345	232	210548	21.829	ng/ul#	83
67) N-Nitrosodiphenylamine	15.974	169	179919	7.035	ng/ul#	45
71) Pentachlorophenol	17.157	266	7153496	1093.650	ng/ul	99
72) Phenanthrene	17.515	178	671217	13.955	ng/ul	96
77) Carbazole	17.874	167	74563	1.651	ng/ul#	36
80) Fluoranthene	19.515	202	1069230	21.454	ng/ul	99
82) Pyrene	19.880	202	1076388	20.917	ng/ul	99
83) Butylbenzylphthalate	20.756	149	118139	5.265	ng/ul	89
85) Benzo(a)anthracene	21.674	228	383931	7.618	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.527	149	87061	2.568	ng/ul	92
87) Chrysene	21.674	228	384172	8.189	ng/ul	97
90) Benzo(b)fluoranthene	23.362	252	393115	7.360	ng/ul#	91
91) Benzo(k)fluoranthene	23.362	252	393115	7.630	ng/ul#	91
93) Benzo(a)pyrene	24.015	252	90302	1.950	ng/ul#	71
94) Indeno(1,2,3-cd)pyrene	26.733	276	127476	2.448	ng/ul	96
96) Benzo(g,h,i)perylene	27.538	276	99480	2.189	ng/ul	97

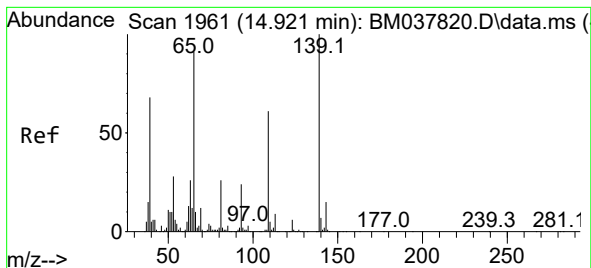
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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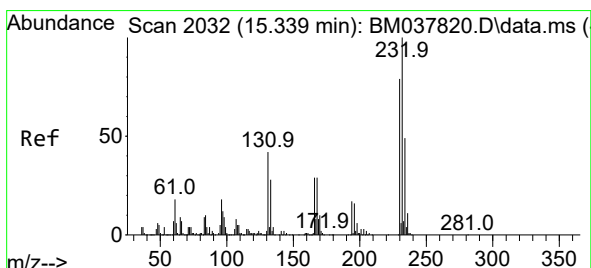
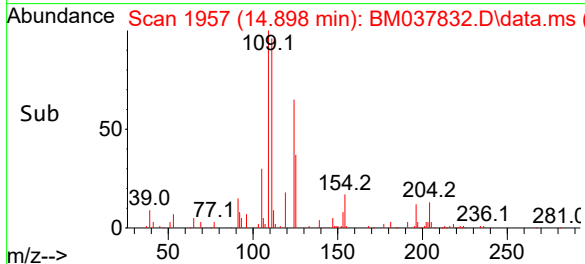
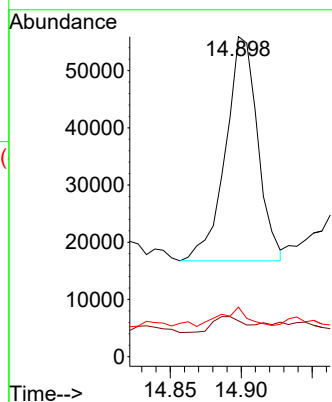
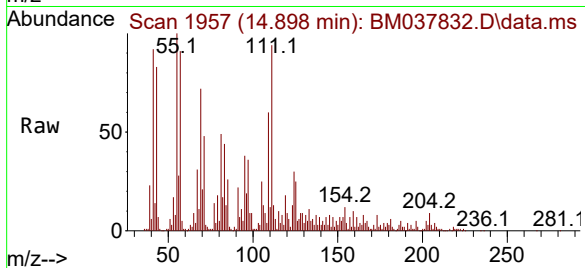




#55
4-Nitrophenol
Concen: 12.763 ng/ul
RT: 14.898 min Scan# 1961
Delta R.T. -0.030 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

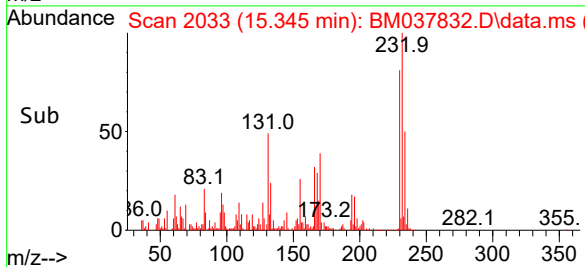
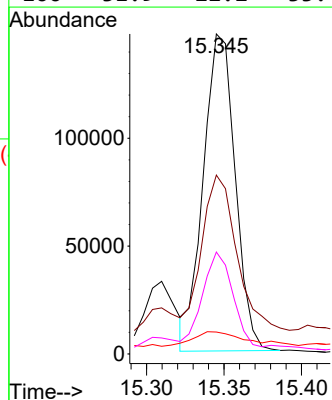
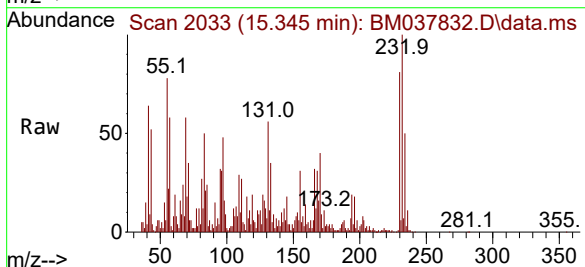
Instrument :
BNA_M
ClientSampleId :
GBNH8DL

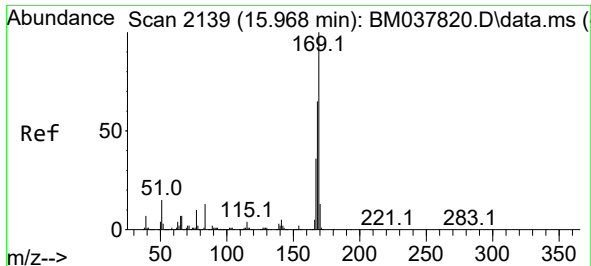
Tgt Ion:109 Resp: 61749
Ion Ratio Lower Upper
109 100
139 11.2 131.6 197.4#
65 15.5 109.4 164.0#



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.829 ng/ul
RT: 15.345 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

Tgt Ion:232 Resp: 210548
Ion Ratio Lower Upper
232 100
131 55.9 32.7 49.1#
130 6.9 1.8 2.6#
166 31.9 22.2 33.4

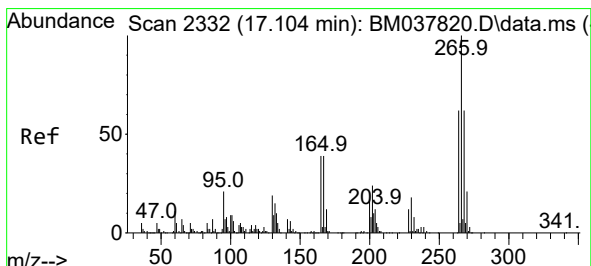
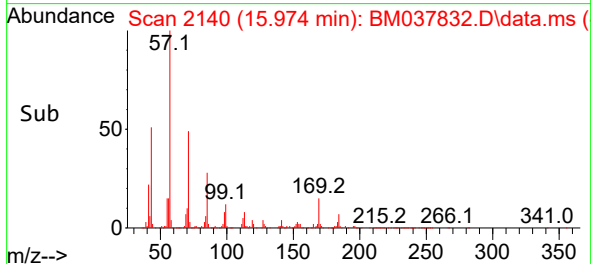
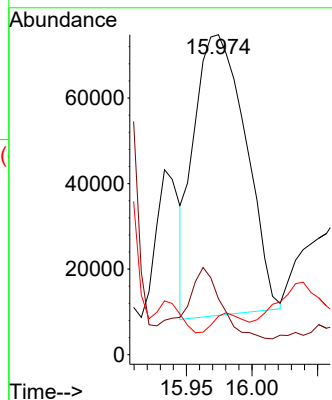
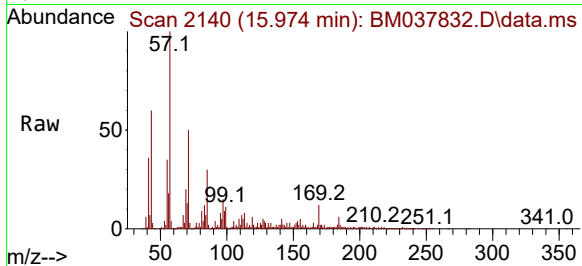




#67
N-Nitrosodiphenylamine
Concen: 7.035 ng/ul
RT: 15.974 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

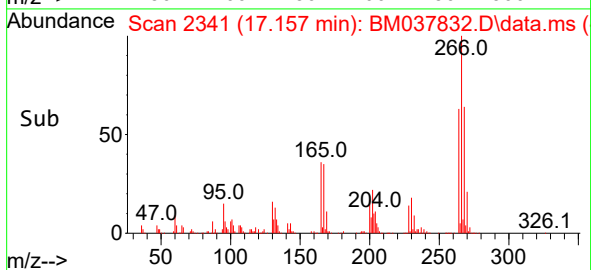
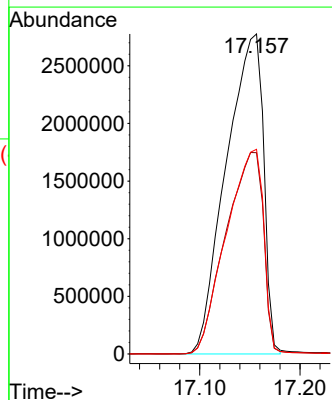
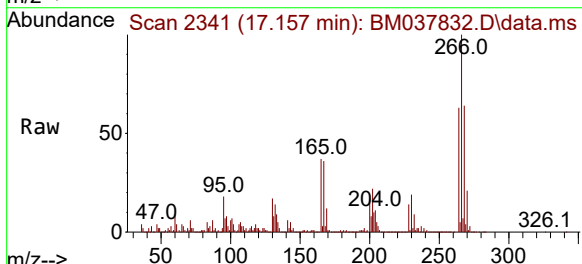
Instrument :
BNA_M
ClientSampleId :
GBNH8DL

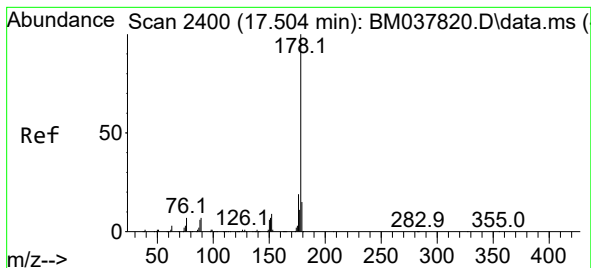
Tgt Ion:169 Resp: 179919
Ion Ratio Lower Upper
169 100
168 17.5 53.8 80.6#
167 12.0 29.5 44.3#



#71
Pentachlorophenol
Concen: 1093.650 ng/ul
RT: 17.157 min Scan# 2341
Delta R.T. 0.047 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

Tgt Ion:266 Resp: 7153496
Ion Ratio Lower Upper
266 100
264 62.9 50.3 75.5
268 64.0 52.2 78.2





#72

Phenanthrene

Concen: 13.955 ng/ul

RT: 17.515 min Scan# 2402

Delta R.T. 0.011 min

Lab File: BM037832.D

Acq: 02 Dec 2022 17:03

Instrument :

BNA_M

ClientSampleId :

GBNH8DL

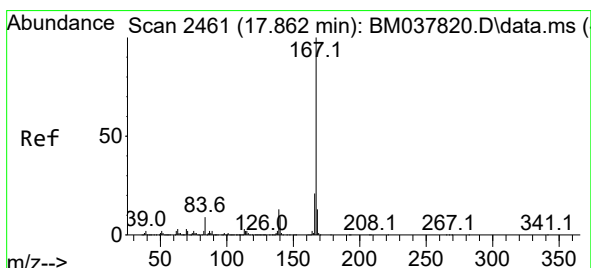
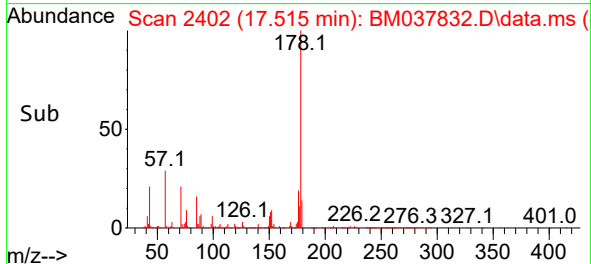
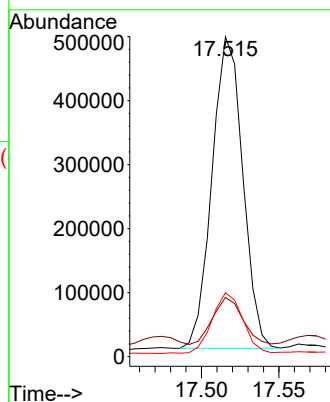
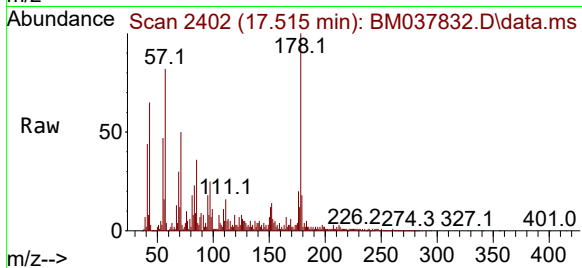
Tgt Ion:178 Resp: 671217

Ion Ratio Lower Upper

178 100

179 18.5 12.5 18.7

176 20.0 15.3 22.9



#77

Carbazole

Concen: 1.651 ng/ul

RT: 17.874 min Scan# 2463

Delta R.T. 0.011 min

Lab File: BM037832.D

Acq: 02 Dec 2022 17:03

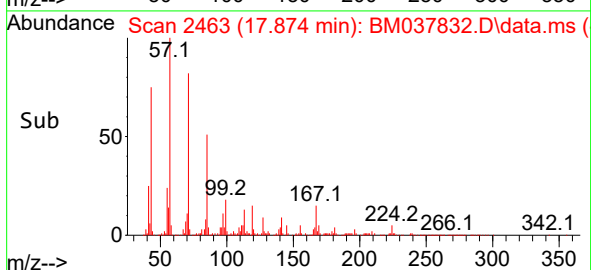
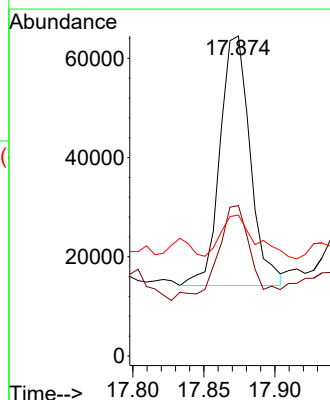
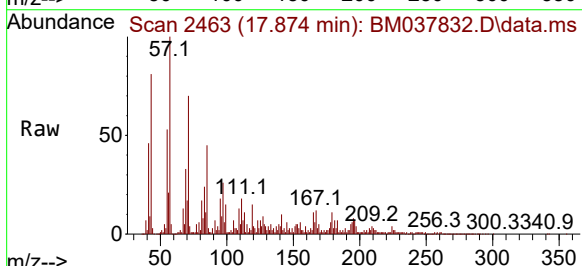
Tgt Ion:167 Resp: 74563

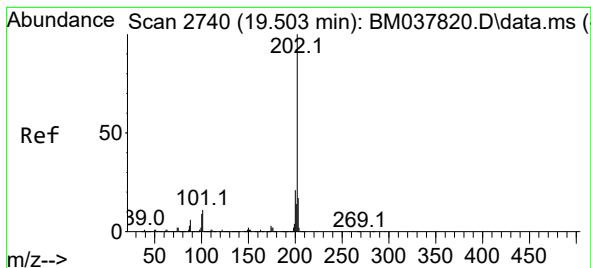
Ion Ratio Lower Upper

167 100

166 47.0 17.2 25.8#

139 44.1 10.0 15.0#





#80

Fluoranthene

Concen: 21.454 ng/ul

RT: 19.515 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM037832.D

Acq: 02 Dec 2022 17:03

Instrument :

BNA_M

ClientSampleId :

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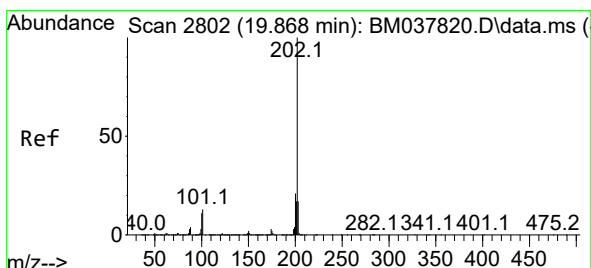
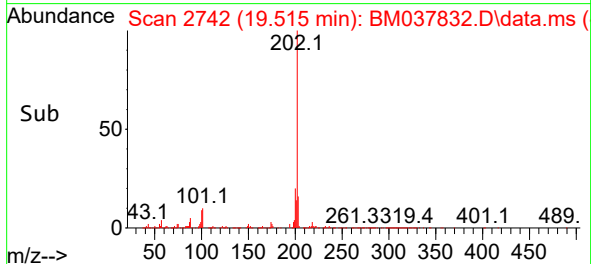
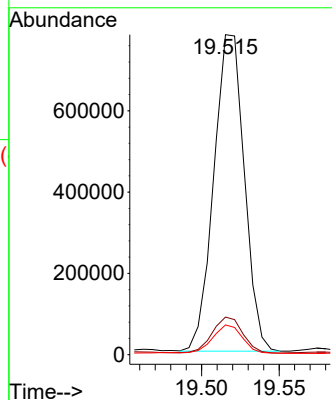
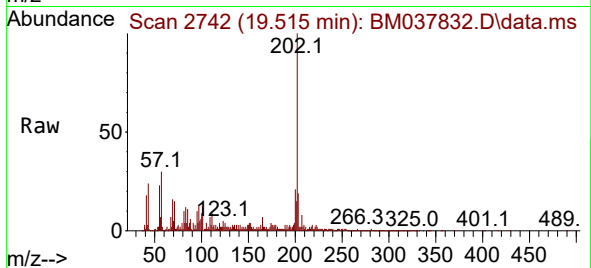
Tgt Ion:202 Resp: 1069230

Ion Ratio Lower Upper

202 100

101 11.8 9.7 14.5

100 9.3 7.7 11.5



#82

Pyrene

Concen: 20.917 ng/ul

RT: 19.880 min Scan# 2804

Delta R.T. 0.006 min

Lab File: BM037832.D

Acq: 02 Dec 2022 17:03

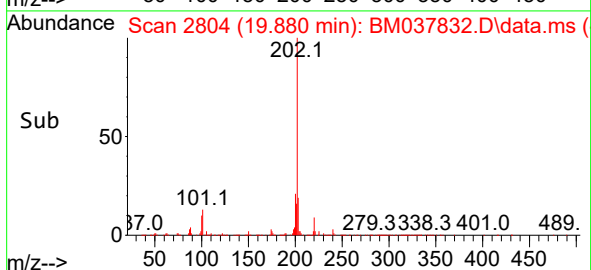
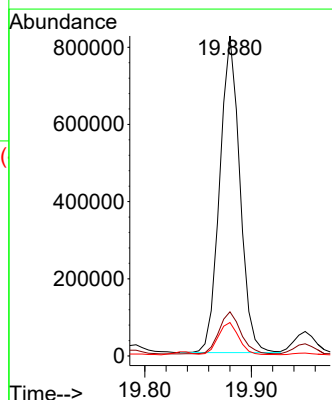
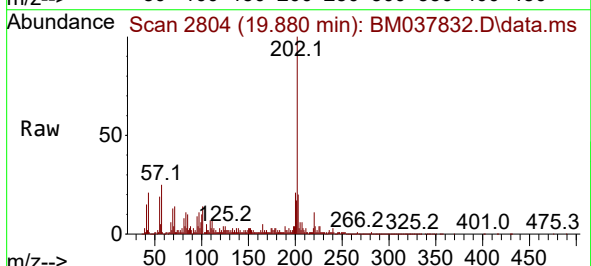
Tgt Ion:202 Resp: 1076388

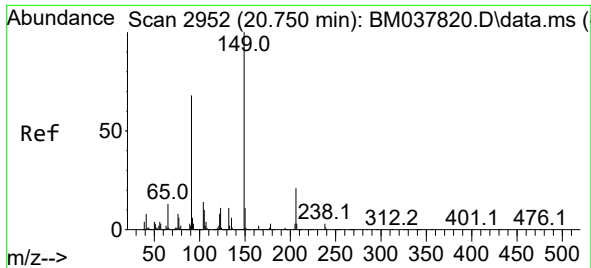
Ion Ratio Lower Upper

202 100

101 13.8 11.0 16.4

100 10.5 9.0 13.6

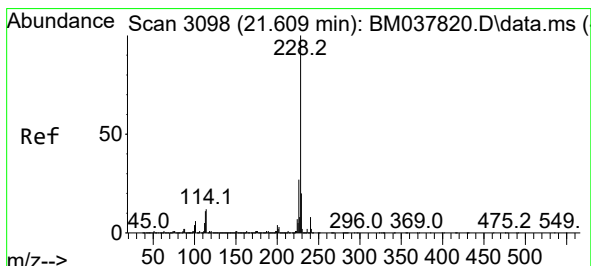
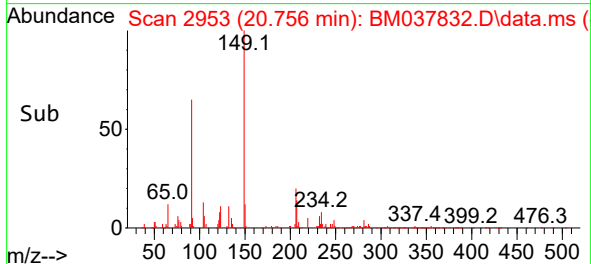
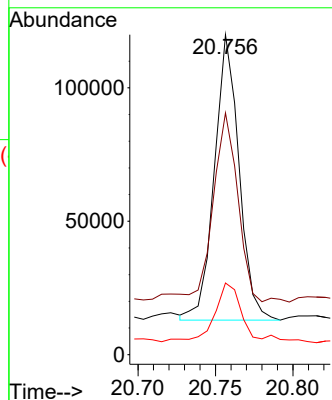
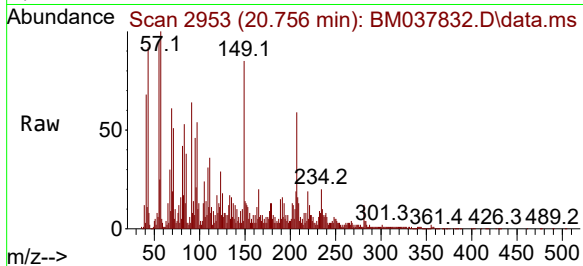




#83
Butylbenzylphthalate
Concen: 5.265 ng/ul
RT: 20.756 min Scan# 2953
Delta R.T. -0.000 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

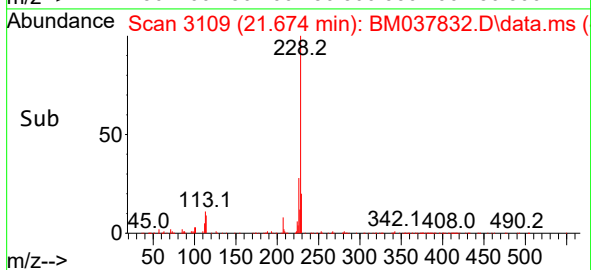
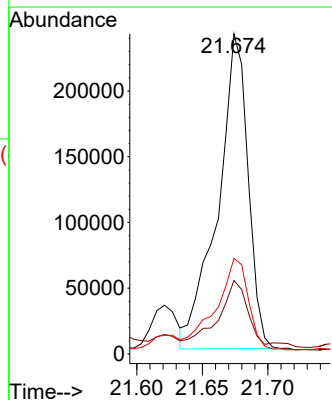
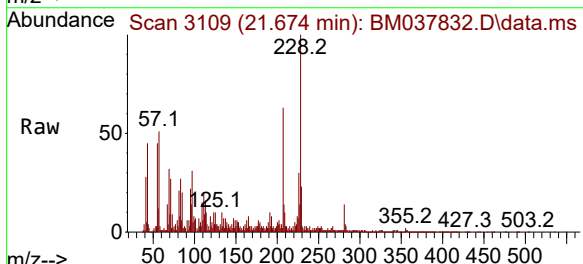
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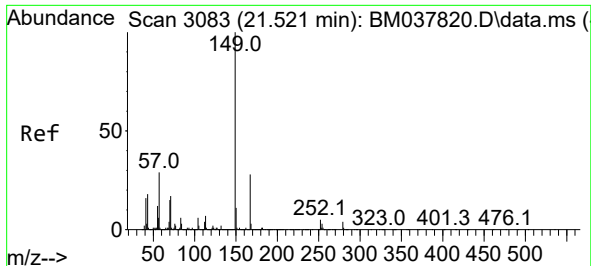
Tgt Ion:149 Resp: 118139
Ion Ratio Lower Upper
149 100
91 75.5 51.7 77.5
206 22.4 17.1 25.7



#85
Benzo(a)anthracene
Concen: 7.618 ng/ul
RT: 21.674 min Scan# 3109
Delta R.T. 0.059 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

Tgt Ion:228 Resp: 383931
Ion Ratio Lower Upper
228 100
229 23.0 16.2 24.2
226 29.9 22.3 33.5

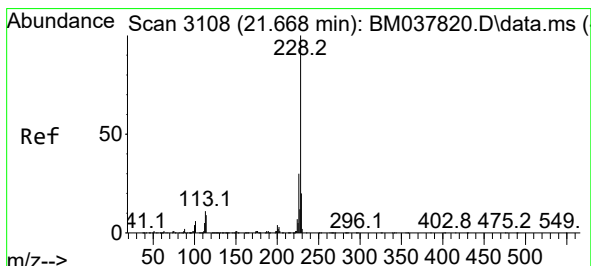
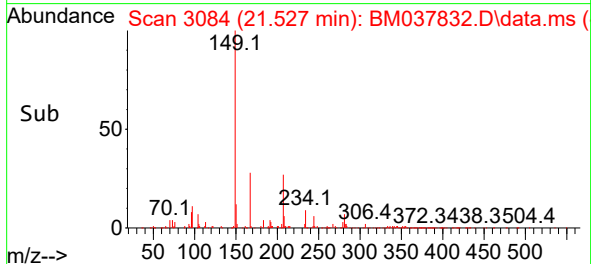
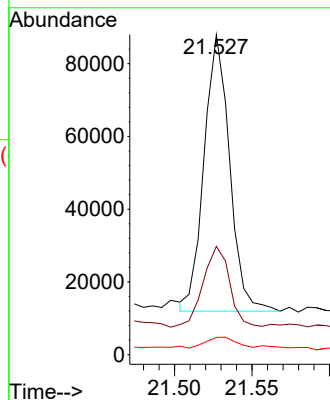
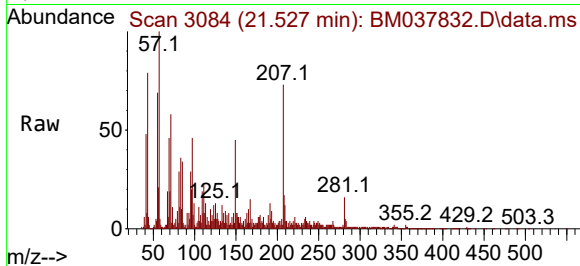




#86
Bis(2-ethylhexyl)phthalate
Concen: 2.568 ng/ul
RT: 21.527 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

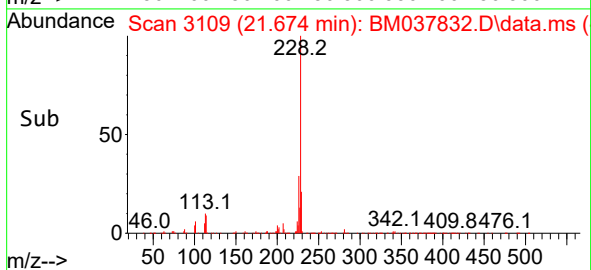
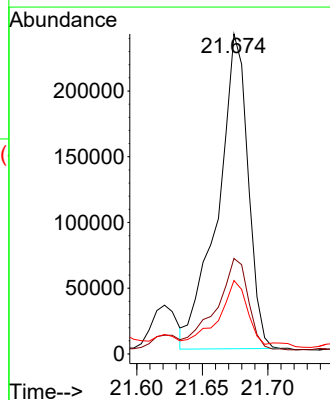
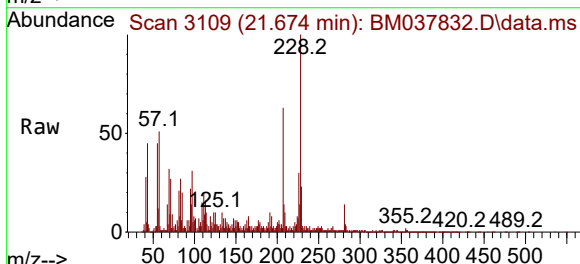
Instrument :
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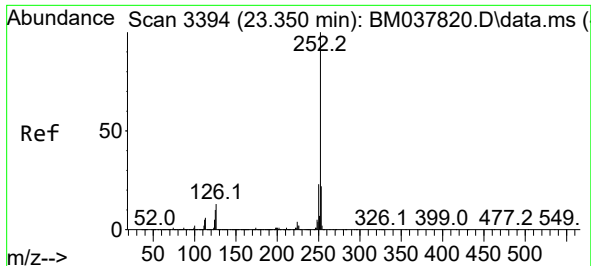
Tgt Ion:149 Resp: 87061
Ion Ratio Lower Upper
149 100
167 33.9 23.3 34.9
279 5.4 3.6 5.4



#87
Chrysene
Concen: 8.189 ng/ul
RT: 21.674 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

Tgt Ion:228 Resp: 384172
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 23.0 15.8 23.6

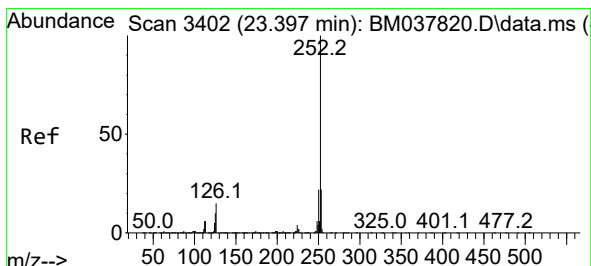
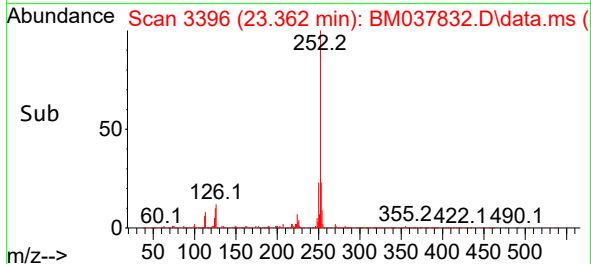
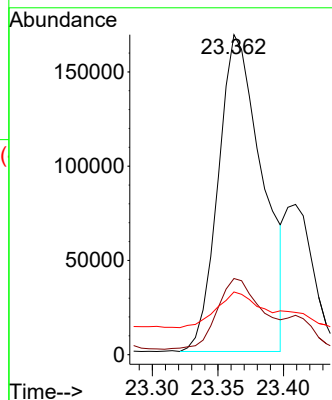
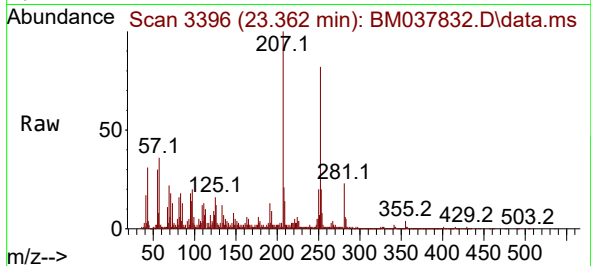




#90
Benzo(b)fluoranthene
Concen: 7.360 ng/ul
RT: 23.362 min Scan# 3396
Delta R.T. 0.006 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

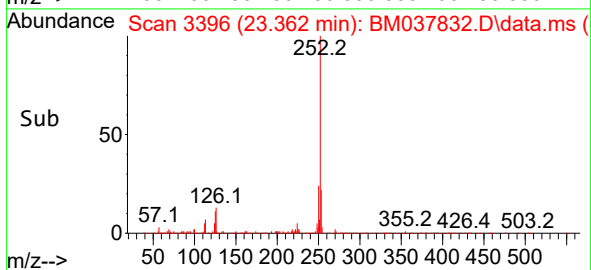
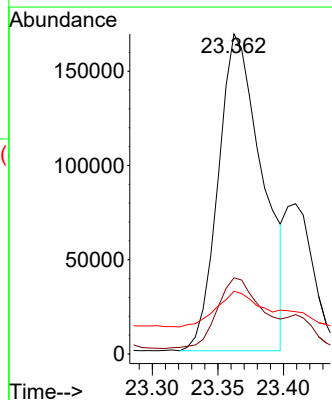
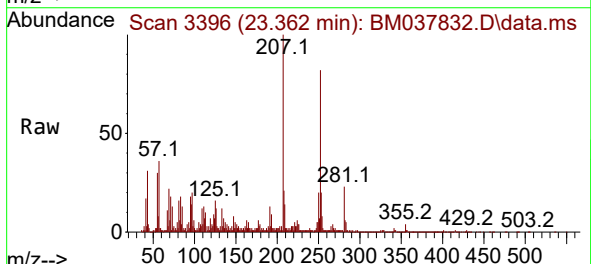
Instrument :
BNA_M
ClientSampleId :
GBNH8DL

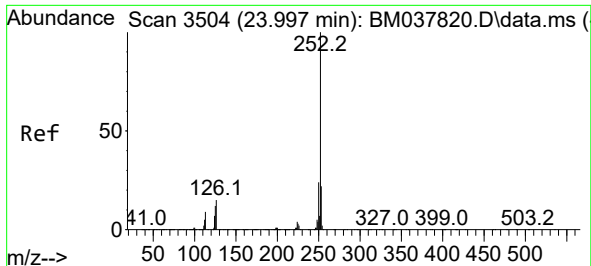
Tgt Ion:252 Resp: 393115
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 19.6 9.3 13.9#



#91
Benzo(k)fluoranthene
Concen: 7.630 ng/ul
RT: 23.362 min Scan# 3396
Delta R.T. -0.047 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

Tgt Ion:252 Resp: 393115
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 19.6 9.3 13.9#

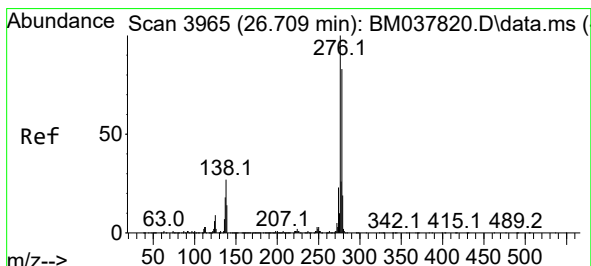
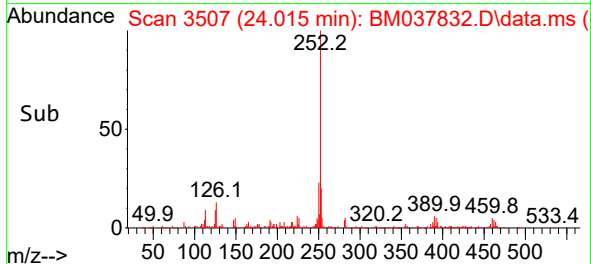
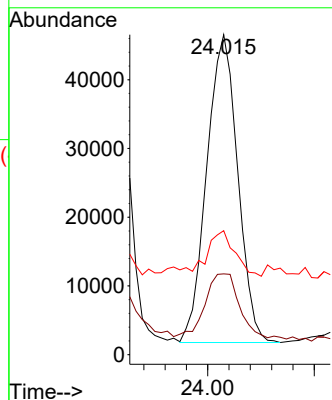
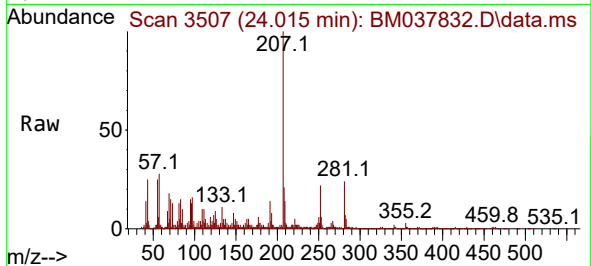




#93
Benzo(a)pyrene
Concen: 1.950 ng/ul
RT: 24.015 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

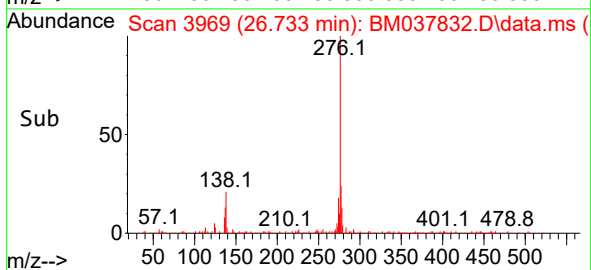
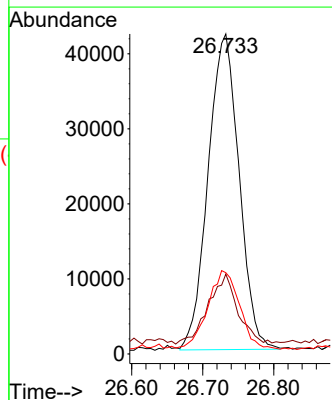
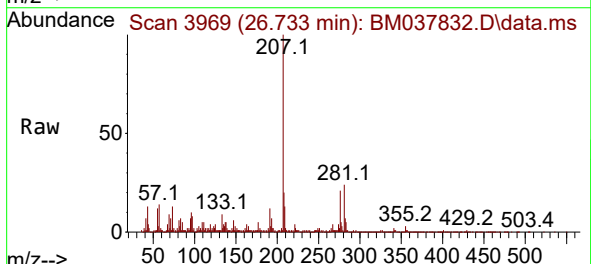
Instrument :
BNA_M
ClientSampleId :
GBNH8DL

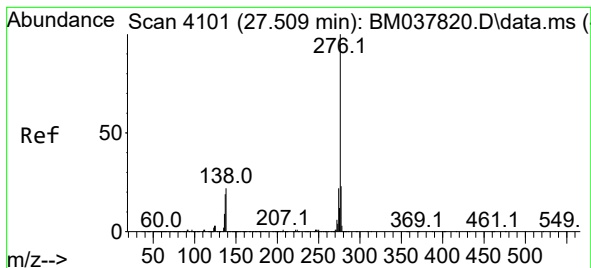
Tgt Ion:252 Resp: 90302
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.2
125 38.8 10.2 15.4#



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.448 ng/ul
RT: 26.733 min Scan# 3969
Delta R.T. 0.011 min
Lab File: BM037832.D
Acq: 02 Dec 2022 17:03

Tgt Ion:276 Resp: 127476
Ion Ratio Lower Upper
276 100
138 25.0 22.7 34.1
277 25.4 20.1 30.1





#96

Benzo(g,h,i)perylene

Concen: 2.189 ng/ul

RT: 27.538 min Scan# 41

Delta R.T. 0.011 min

Lab File: BM037832.D

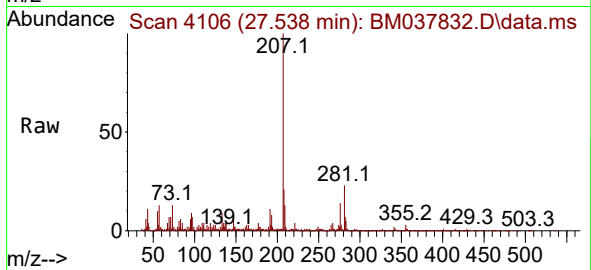
Acq: 02 Dec 2022 17:03

Instrument :

BNA_M

ClientSampleId :

GBNH8DL



Tgt Ion:276 Resp: 99480

Ion Ratio Lower Upper

276 100

138 25.4 19.2 28.8

277 22.6 19.1 28.7

