

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120922\
 Data File : BM037913.D
 Acq On : 09 Dec 2022 12:49
 Operator : CG/JU
 Sample : N5726-07DL 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXN9DL

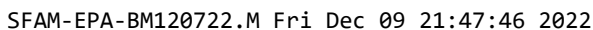
Quant Time: Dec 09 21:47:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

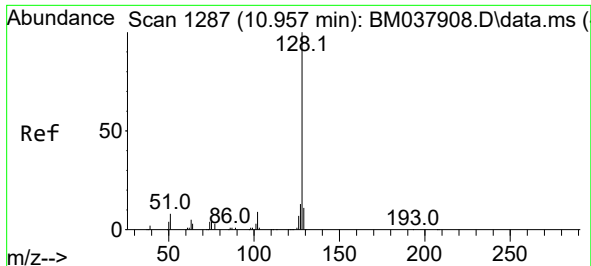
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	269879	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1068284	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	607970	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1258228	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	998452	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	1155763	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	1662	0.280	ng/uL	0.00
4) Pyridine-d5	3.863	84	782	0.044	ng/ul	0.00
7) Phenol-d5	7.234	99	28105	1.282	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	17453	1.307	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	23608	1.312	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	21460	1.254	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	11676	1.380	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	11081	1.250	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	20727	1.231	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	18416	0.792	ng/ul	0.00
46) Dimethylphthalate-d6	14.115	166	64174	1.481	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	70812	1.337	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	4747	0.643	ng/ul	0.00
60) Fluorene-d10	15.698	176	60797	1.574	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	4910	0.730	ng/ul	0.00
73) Anthracene-d10	17.551	188	103025	1.754	ng/ul	0.00
81) Pyrene-d10	19.833	212	108037	1.801	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.944	264	95060	1.647	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.951	128	62292	1.081	ng/ul#	95
50) Acenaphthylene	14.439	152	132111	2.268	ng/ul	97
52) Acenaphthene	14.774	153	140266	3.481	ng/ul	98
56) Dibenzofuran	15.104	168	147712	2.685	ng/ul	98
61) Fluorene	15.751	166	193620	4.316	ng/ul	98
72) Phenanthrene	17.492	178	802831	11.684	ng/ul	99
74) Anthracene	17.586	178	2820527	40.392	ng/ul	99
77) Carbazole	17.851	167	351488	5.810	ng/ul	100
80) Fluoranthene	19.497	202	1687273	23.837	ng/ul	99
82) Pyrene	19.868	202	4460518	60.549	ng/ul	99
85) Benzo(a)anthracene	21.603	228	498161	7.411	ng/ul	96
87) Chrysene	21.662	228	663056	10.513	ng/ul	98
90) Benzo(b)fluoranthene	23.350	252	2013560	28.102	ng/ul	100
91) Benzo(k)fluoranthene	23.350	252	2013560	28.996	ng/ul	99
93) Benzo(a)pyrene	23.997	252	882491	14.006	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.697	276	491406	6.056	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.697	278	128568	1.879	ng/ul#	80
96) Benzo(g,h,i)perylene	27.497	276	350353	5.407	ng/ul	97

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

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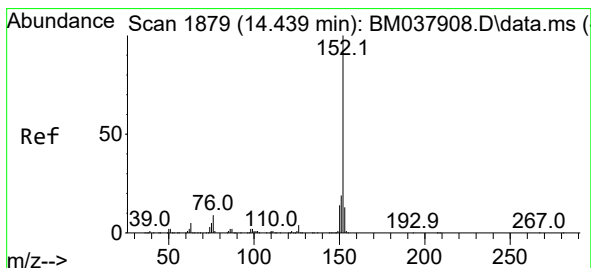
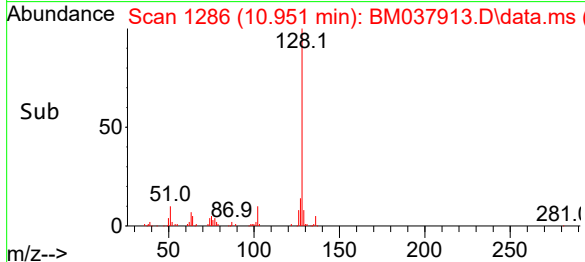
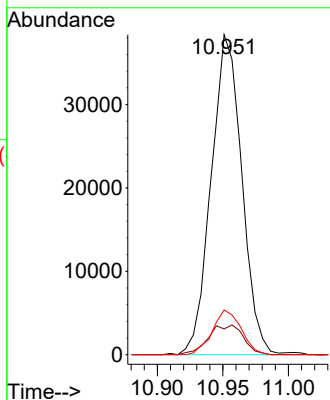
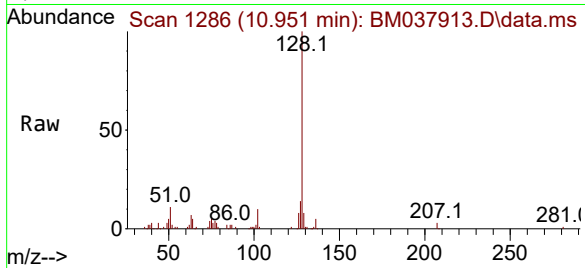




#30
Naphthalene
Concen: 1.081 ng/ul
RT: 10.951 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

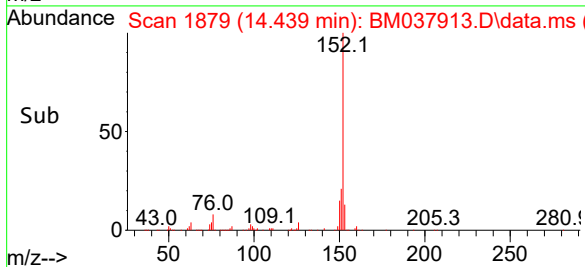
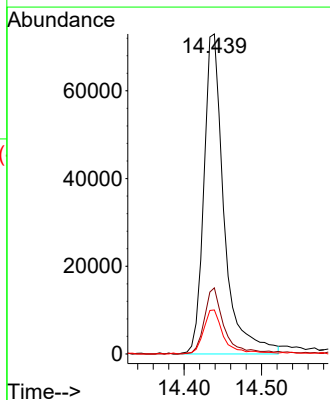
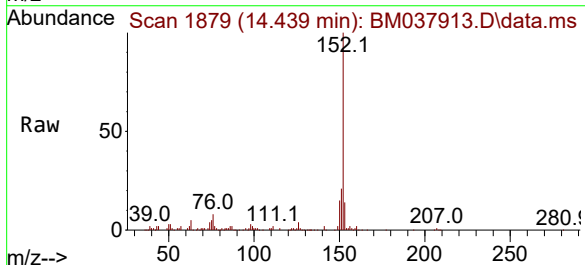
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ClientSampleId :
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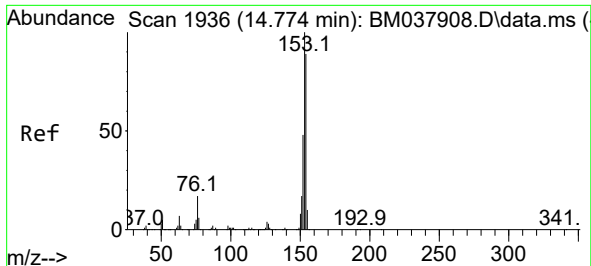
Tgt Ion:128 Resp: 62292
Ion Ratio Lower Upper
128 100
129 8.1 9.0 13.4#
127 14.0 10.4 15.6



#50
Acenaphthylene
Concen: 2.268 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

Tgt Ion:152 Resp: 132111
Ion Ratio Lower Upper
152 100
151 20.7 15.3 22.9
153 13.8 10.2 15.4

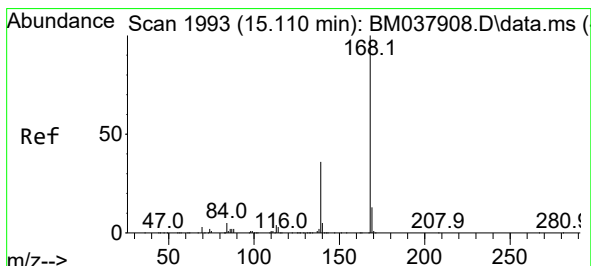
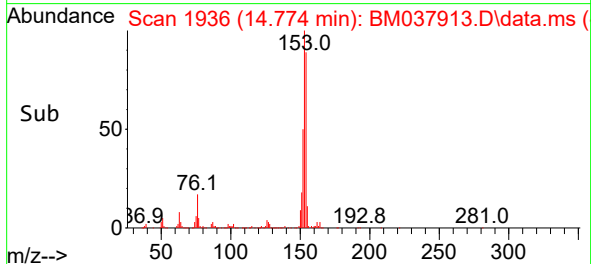
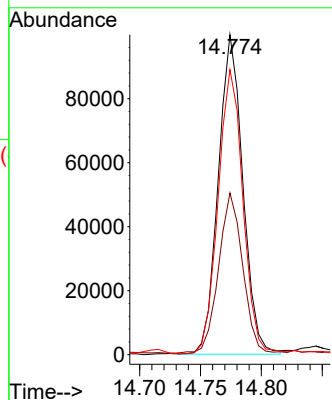
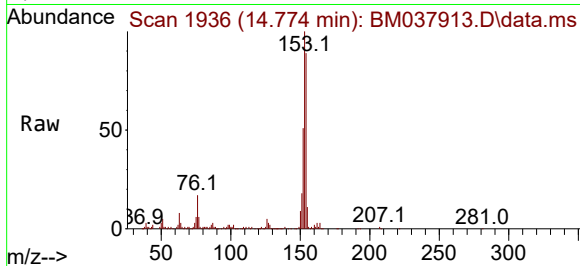




#52
Acenaphthene
Concen: 3.481 ng/ul
RT: 14.774 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

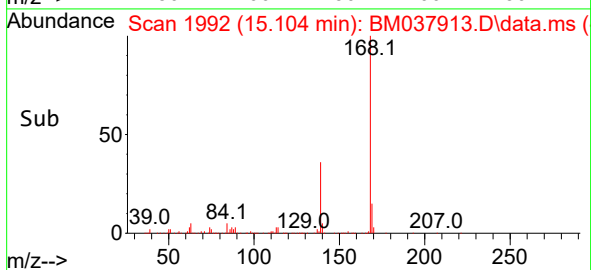
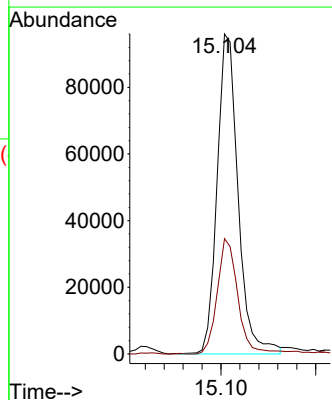
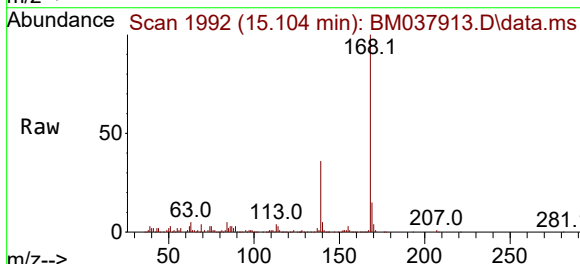
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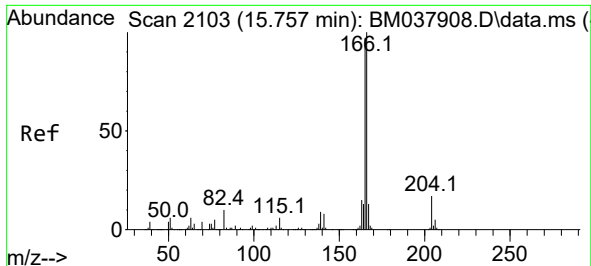
Tgt Ion:153 Resp: 140266
Ion Ratio Lower Upper
153 100
152 50.6 38.2 57.4
154 89.1 71.4 107.0



#56
Dibenzofuran
Concen: 2.685 ng/ul
RT: 15.104 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

Tgt Ion:168 Resp: 147712
Ion Ratio Lower Upper
168 100
139 36.1 28.1 42.1

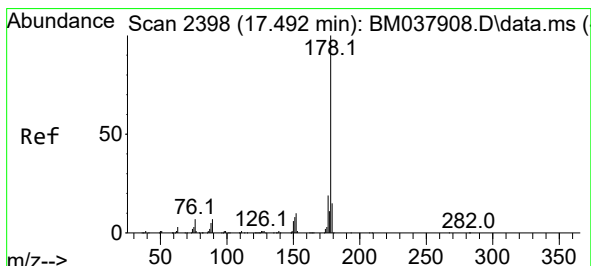
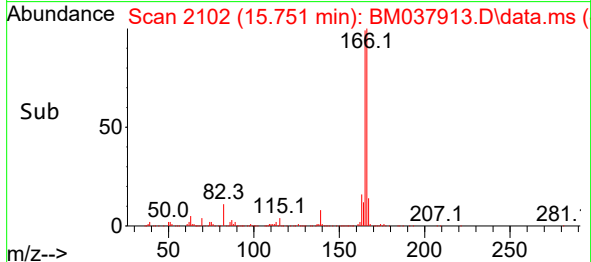
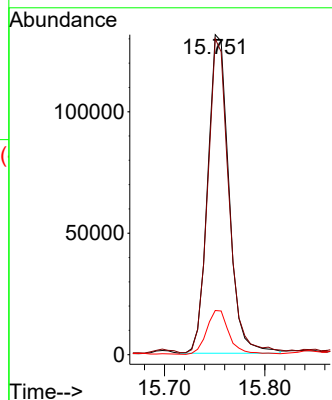
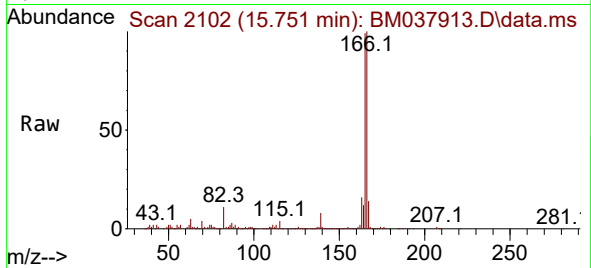




#61
Fluorene
Concen: 4.316 ng/ul
RT: 15.751 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

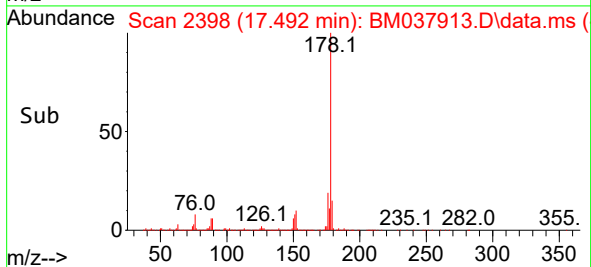
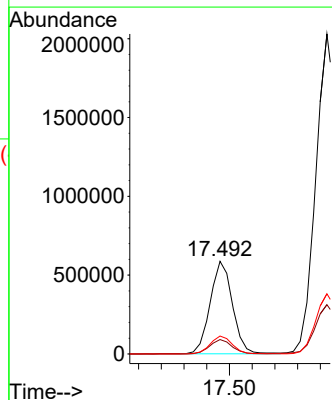
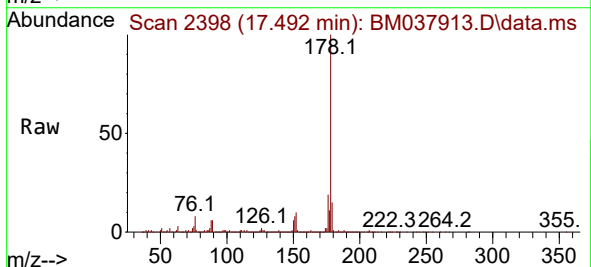
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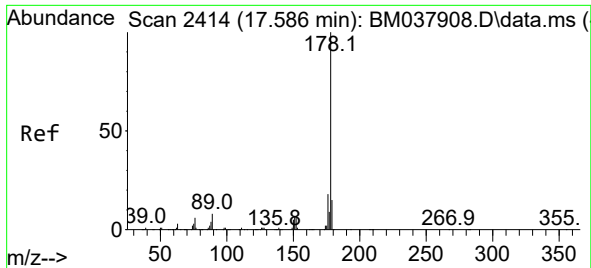
Tgt Ion:166 Resp: 193620
Ion Ratio Lower Upper
166 100
165 98.7 77.2 115.8
167 13.8 10.4 15.6



#72
Phenanthrene
Concen: 11.684 ng/ul
RT: 17.492 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

Tgt Ion:178 Resp: 802831
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.4 15.4 23.0

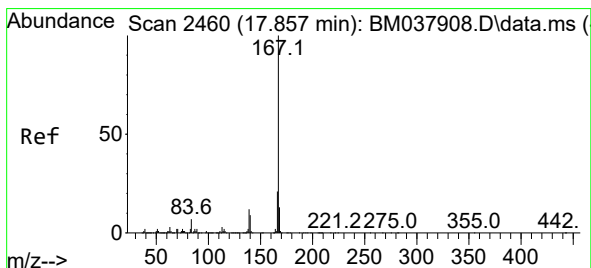
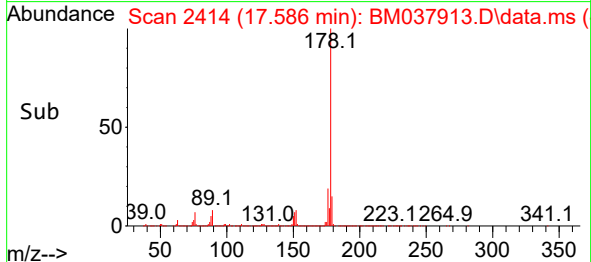
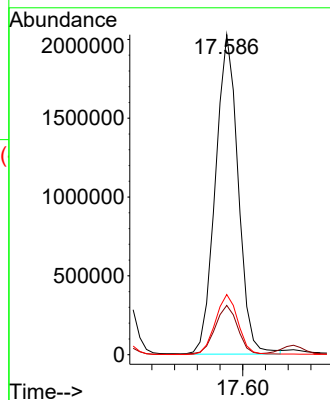
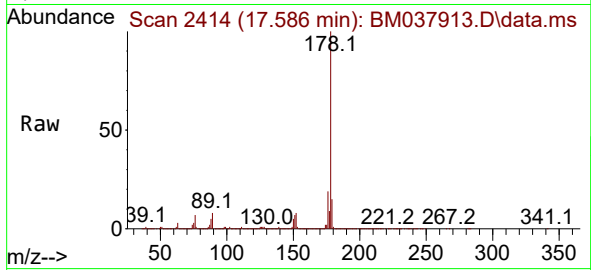




#74
 Anthracene
 Concen: 40.392 ng/ul
 RT: 17.586 min Scan# 2414
 Delta R.T. -0.000 min
 Lab File: BM037913.D
 Acq: 09 Dec 2022 12:49

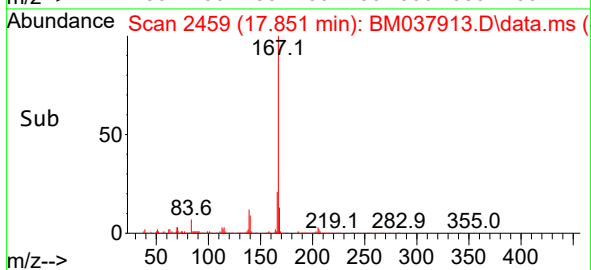
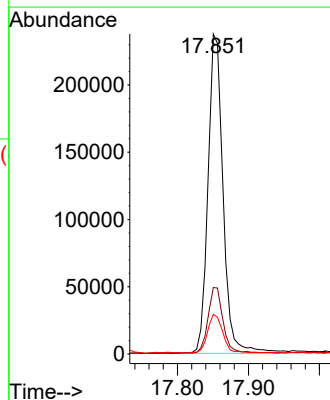
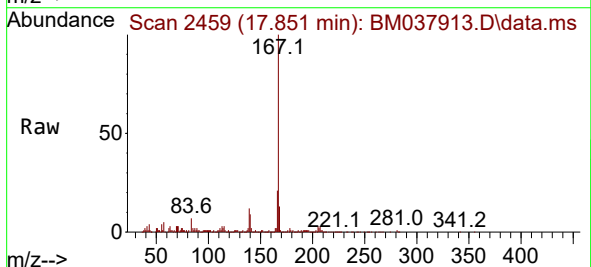
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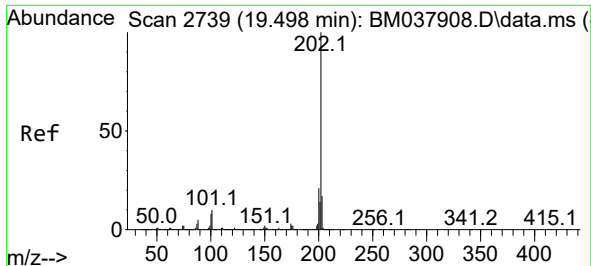
Tgt Ion:178 Resp: 2820527
 Ion Ratio Lower Upper
 178 100
 179 15.4 11.8 17.8
 176 18.8 15.0 22.6



#77
 Carbazole
 Concen: 5.810 ng/ul
 RT: 17.851 min Scan# 2459
 Delta R.T. -0.006 min
 Lab File: BM037913.D
 Acq: 09 Dec 2022 12:49

Tgt Ion:167 Resp: 351488
 Ion Ratio Lower Upper
 167 100
 166 20.8 16.7 25.1
 139 12.4 9.8 14.6

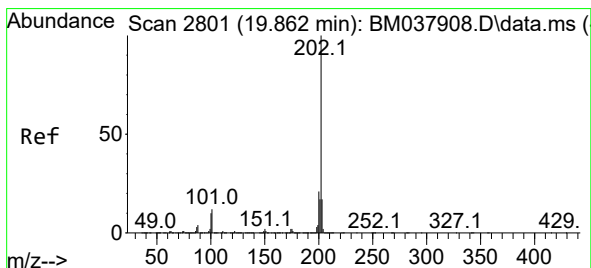
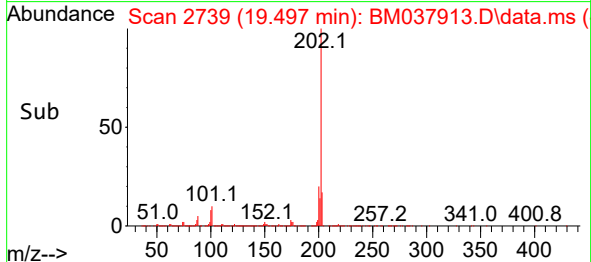
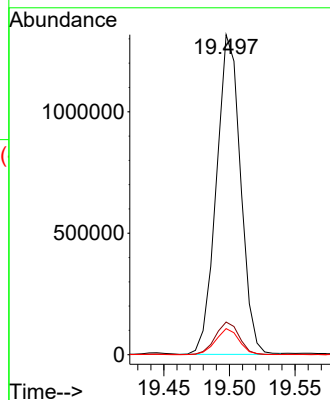
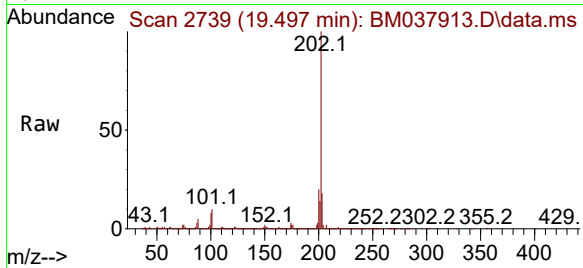




#80
Fluoranthene
Concen: 23.837 ng/ul
RT: 19.497 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

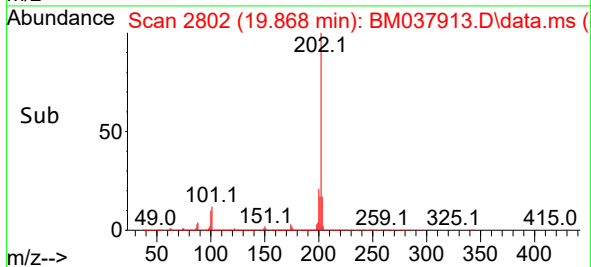
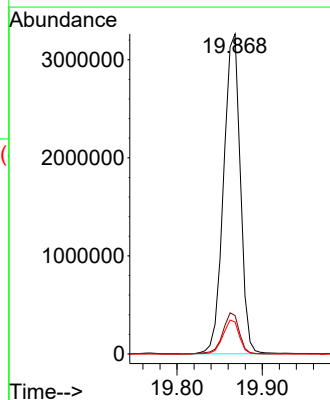
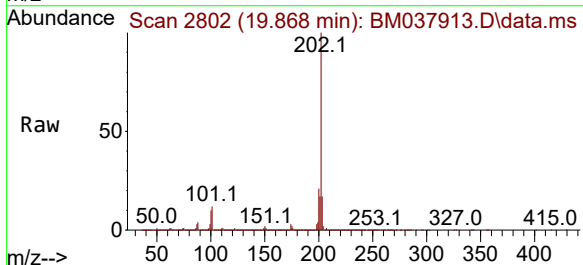
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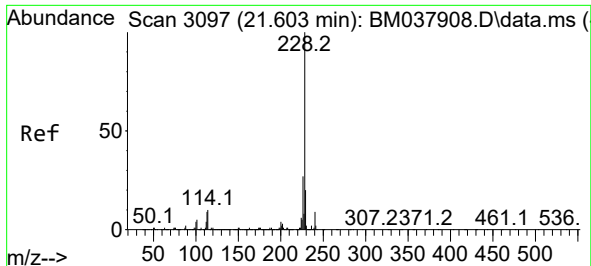
Tgt Ion:202 Resp: 1687273
Ion Ratio Lower Upper
202 100
101 10.2 8.6 13.0
100 8.1 6.6 10.0



#82
Pyrene
Concen: 60.549 ng/ul
RT: 19.868 min Scan# 2802
Delta R.T. 0.006 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

Tgt Ion:202 Resp: 4460518
Ion Ratio Lower Upper
202 100
101 12.0 10.0 15.0
100 10.0 7.9 11.9

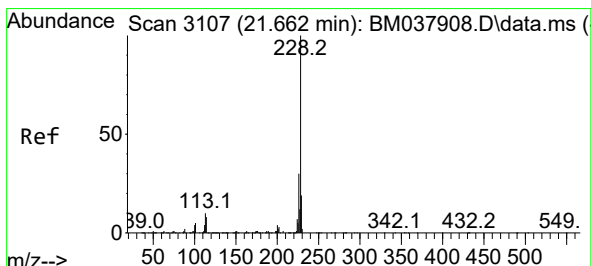
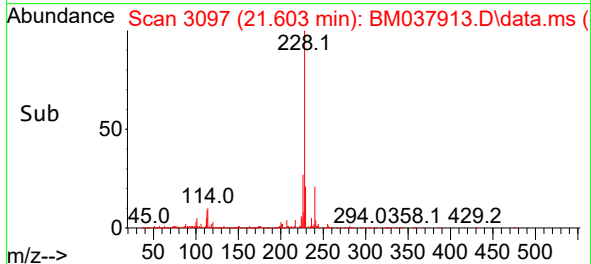
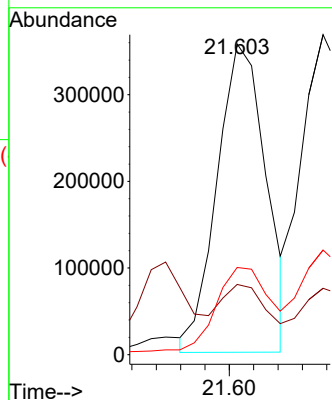
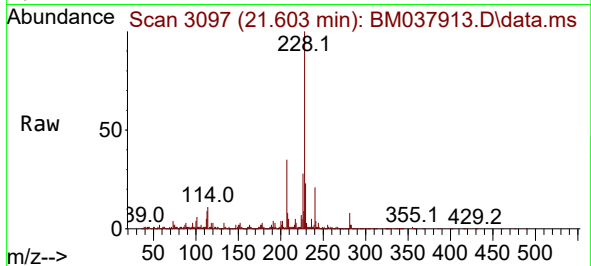




#85
Benzo(a)anthracene
Concen: 7.411 ng/uI
RT: 21.603 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

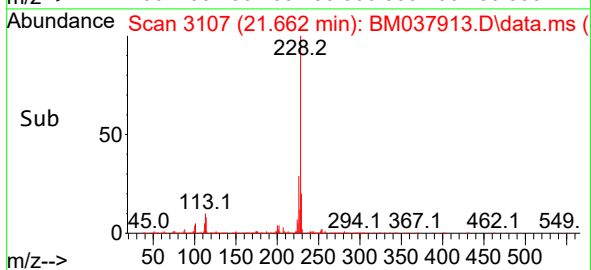
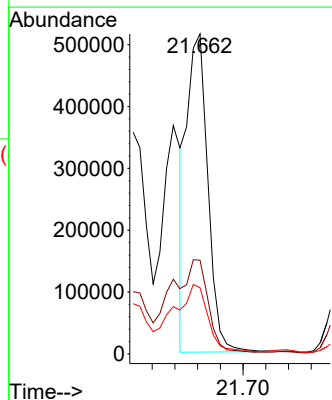
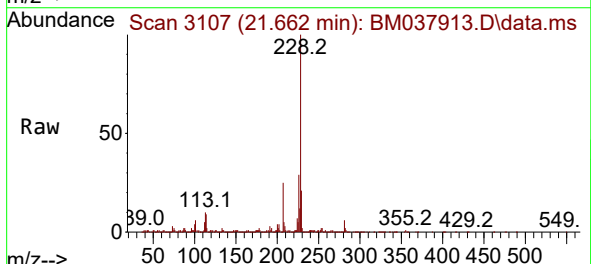
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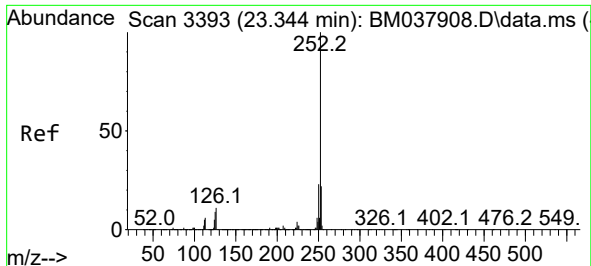
Tgt Ion:228 Resp: 498161
Ion Ratio Lower Upper
228 100
229 22.6 15.5 23.3
226 28.1 21.8 32.8



#87
Chrysene
Concen: 10.513 ng/uI
RT: 21.662 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

Tgt Ion:228 Resp: 663056
Ion Ratio Lower Upper
228 100
226 29.3 24.3 36.5
229 20.7 15.6 23.4

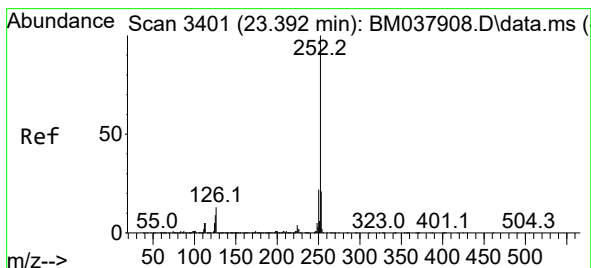
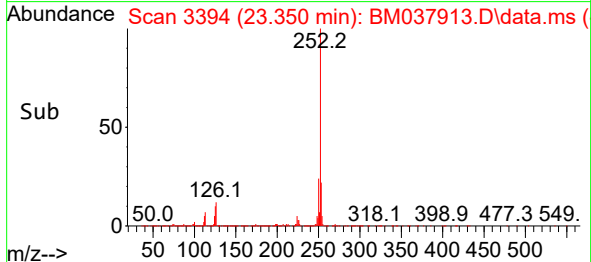
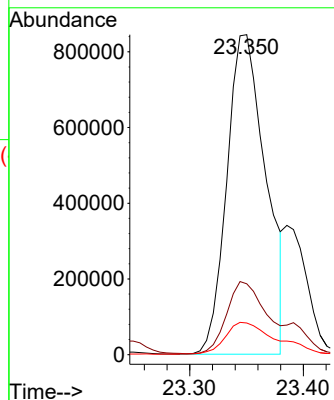
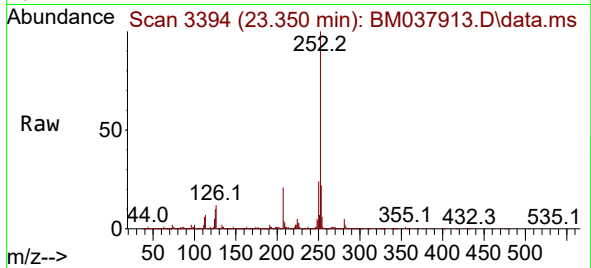




#90
Benzo(b)fluoranthene
Concen: 28.102 ng/ul
RT: 23.350 min Scan# 3393
Delta R.T. 0.006 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

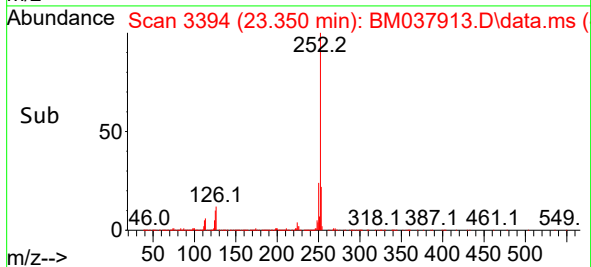
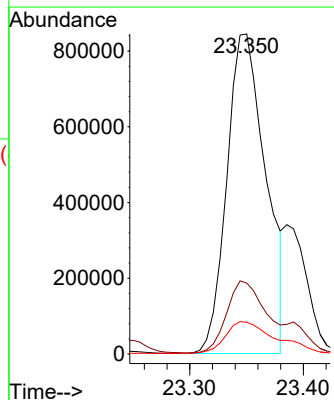
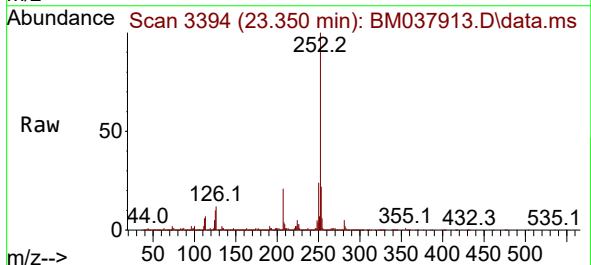
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ClientSampleId :
DBXN9DL

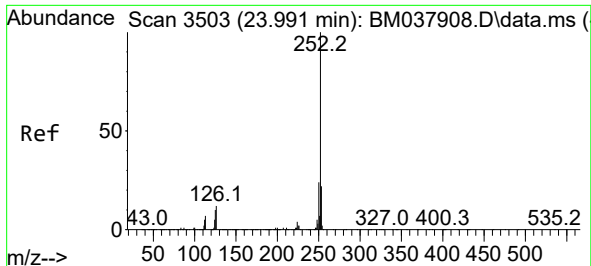
Tgt Ion:252 Resp: 2013560
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.9 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 28.996 ng/ul
RT: 23.350 min Scan# 3394
Delta R.T. -0.041 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

Tgt Ion:252 Resp: 2013560
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.9 8.1 12.1

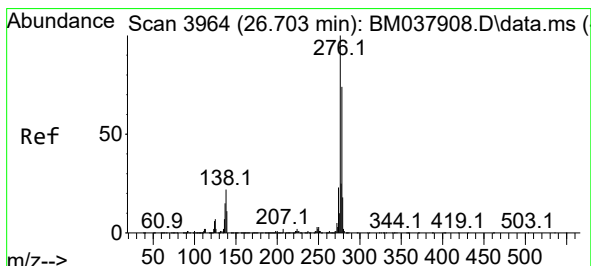
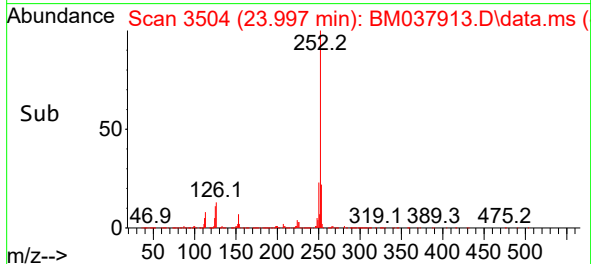
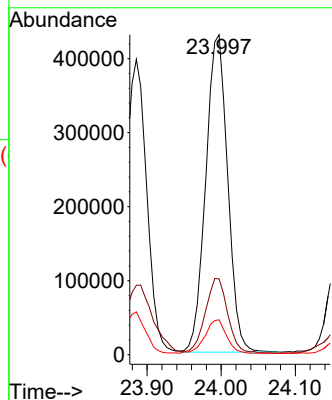
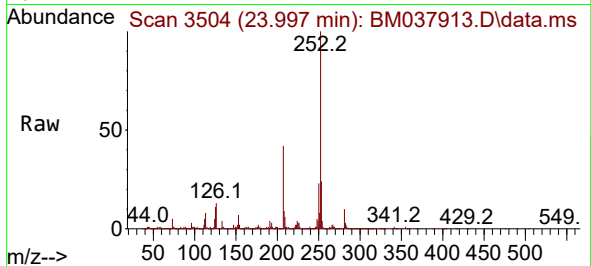




#93
Benzo(a)pyrene
Concen: 14.006 ng/ul
RT: 23.997 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

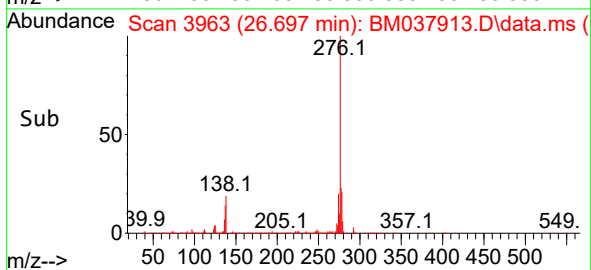
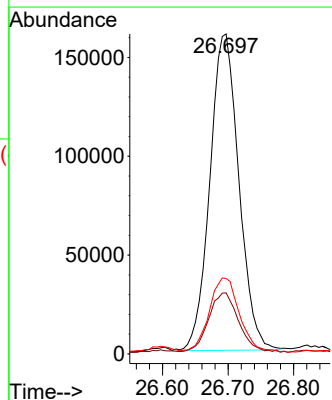
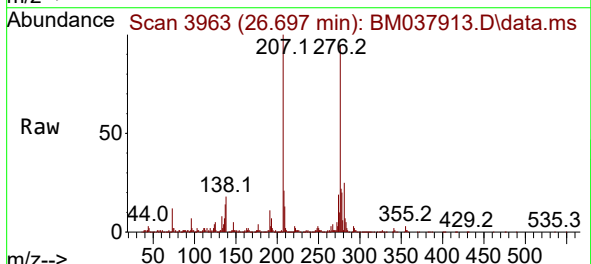
Instrument :
BNA_M
ClientSampleId :
DBXN9DL

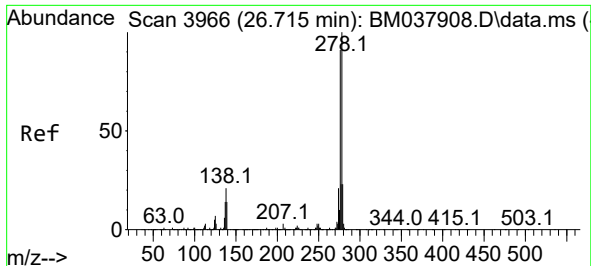
Tgt Ion:252 Resp: 882491
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.9 9.4 14.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 6.056 ng/ul
RT: 26.697 min Scan# 3963
Delta R.T. -0.006 min
Lab File: BM037913.D
Acq: 09 Dec 2022 12:49

Tgt Ion:276 Resp: 491406
Ion Ratio Lower Upper
276 100
138 19.1 19.3 28.9#
277 23.6 19.8 29.8

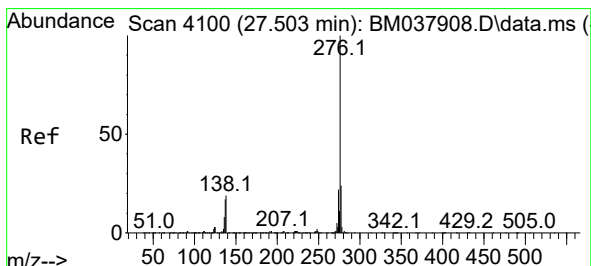
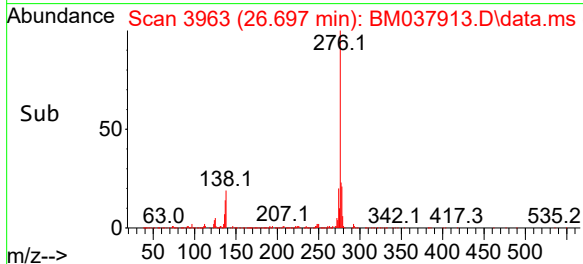
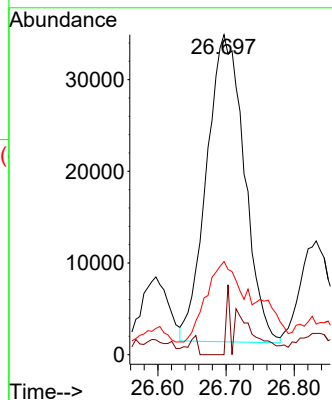
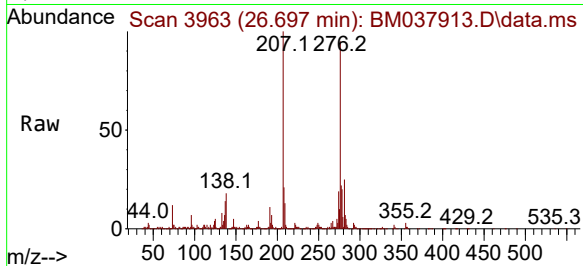




#95
 Dibenzo(a,h)anthracene
 Concen: 1.879 ng/ul
 RT: 26.697 min Scan# 3966
 Delta R.T. -0.018 min
 Lab File: BM037913.D
 Acq: 09 Dec 2022 12:49

Instrument :
 BNA_M
 ClientSampleId :
 DBXN9DL

Tgt Ion:278 Resp: 128568
 Ion Ratio Lower Upper
 278 100
 139 0.0 12.4 18.6#
 279 29.1 19.8 29.6



#96
 Benzo(g,h,i)perylene
 Concen: 5.407 ng/ul
 RT: 27.497 min Scan# 4099
 Delta R.T. -0.006 min
 Lab File: BM037913.D
 Acq: 09 Dec 2022 12:49

Tgt Ion:276 Resp: 350353
 Ion Ratio Lower Upper
 276 100
 138 20.4 17.1 25.7
 277 25.1 18.2 27.4

