

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038948.D
 Acq On : 09 Mar 2023 16:41
 Operator : CG/JU
 Sample : PB151257BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 09 18:13:53 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

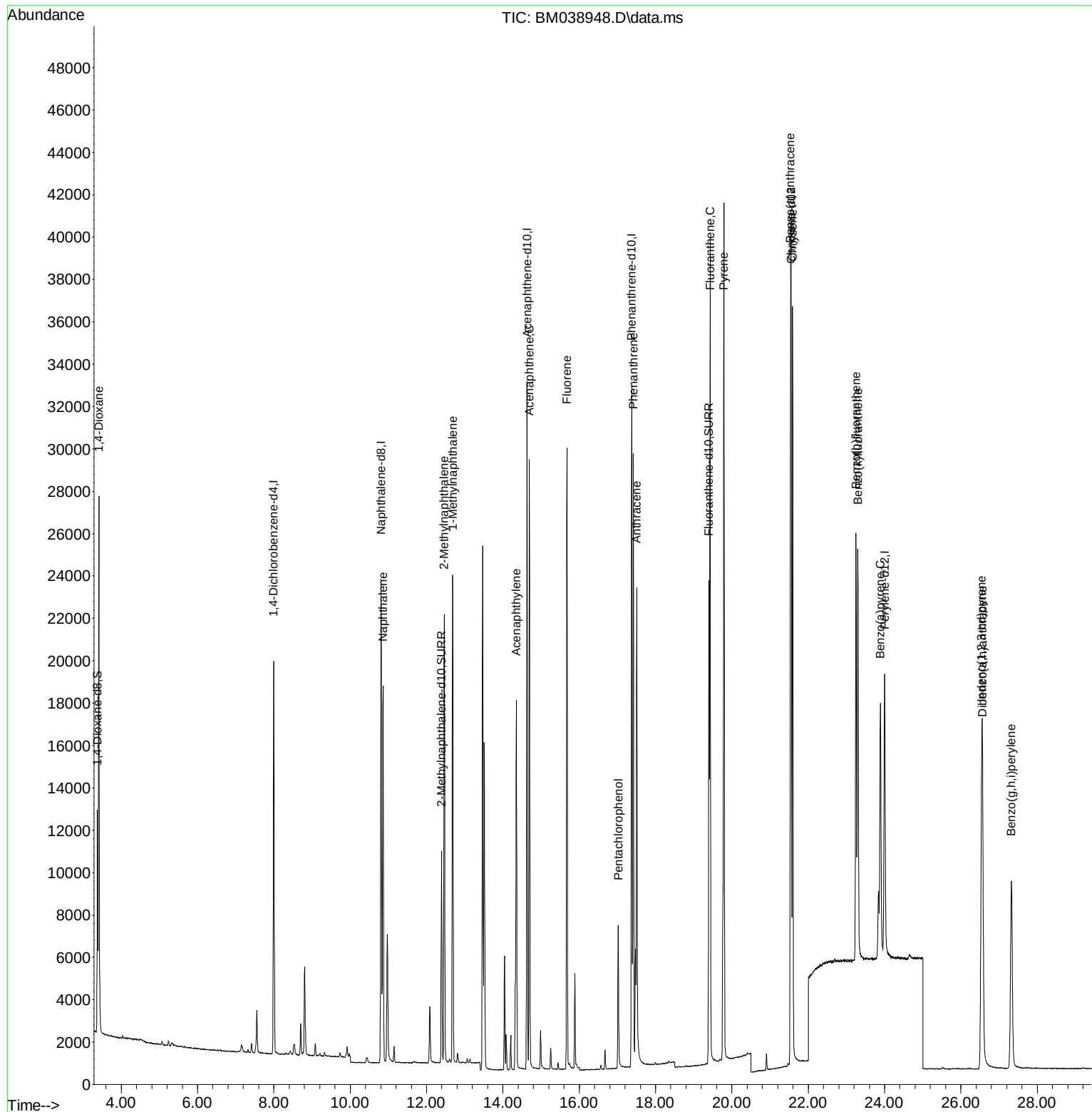
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	9027	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	30160	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.631	164	17151	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	36320	0.400	ng/ul	0.00
17) Chrysene-d12	21.554	240	28462	0.400	ng/ul	0.00
23) Perylene-d12	24.001	264	19600	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	6739	0.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	12388	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.397	212	24566	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	17006	1.644	ng/ul	92
5) Naphthalene	10.859	128	23848	0.331	ng/ul	100
7) 2-Methylnaphthalene	12.465	142	14818	0.339	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	15528	0.338	ng/ul	99
10) Acenaphthylene	14.354	152	19658	0.315	ng/ul	100
11) Acenaphthene	14.691	153	16425	0.320	ng/ul	98
12) Fluorene	15.677	166	18573	0.321	ng/ul	99
14) Pentachlorophenol	17.023	266	4672	0.535	ng/ul	99
15) Phenanthrene	17.415	178	30637	0.319	ng/ul	99
16) Anthracene	17.508	178	25655	0.325	ng/ul	99
19) Fluoranthene	19.429	202	33789	0.351	ng/ul	100
20) Pyrene	19.792	202	34865	0.352	ng/ul	98
21) Benzo(a)anthracene	21.537	228	28348	0.352	ng/ul	99
22) Chrysene	21.589	228	31264	0.323	ng/ul	99
24) Benzo(b)fluoranthene	23.252	252	27110	0.354	ng/ul	96
25) Benzo(k)fluoranthene	23.299	252	26165	0.342	ng/ul	97
26) Benzo(a)pyrene	23.890	252	20674	0.339	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.543	276	23850	0.309	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.567	278	19071	0.324	ng/ul	100
29) Benzo(g,h,i)perylene	27.321	276	20280	0.282	ng/ul	98

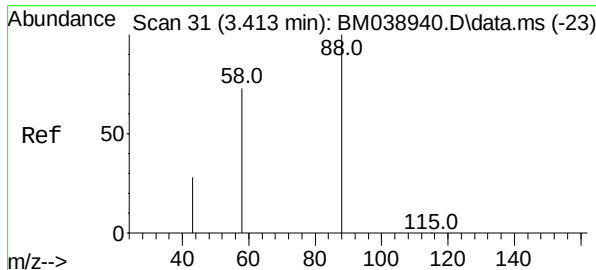
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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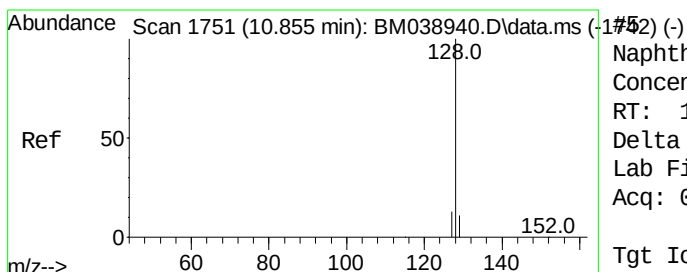
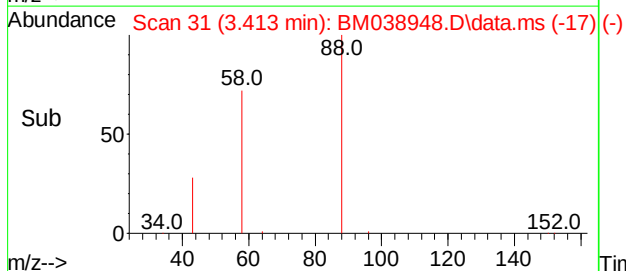
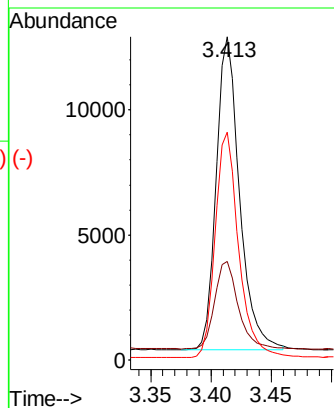
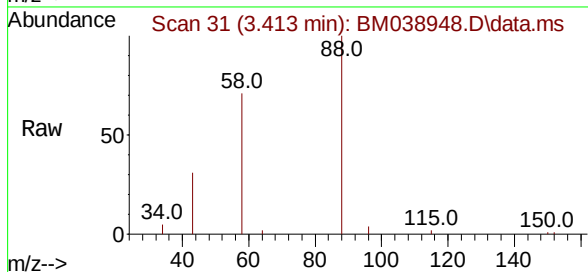




1,4-Dioxane
Concen: 1.644 ng/ul
RT: 3.413 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

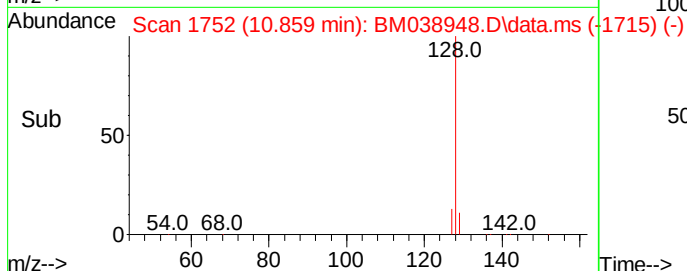
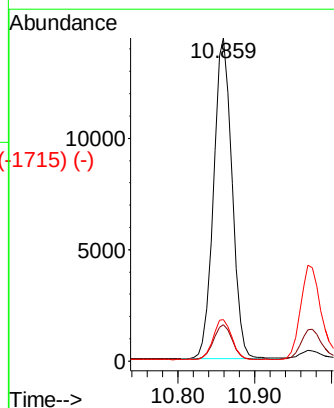
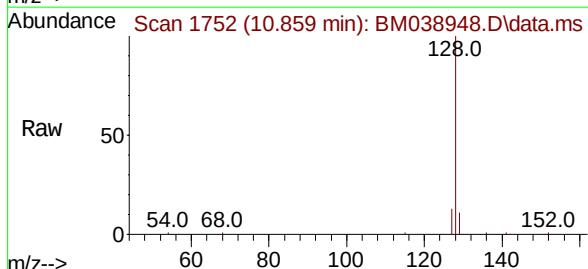
Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 17006
Ion Ratio Lower Upper
88 100
43 30.6 27.2 40.8
58 70.6 50.8 76.2

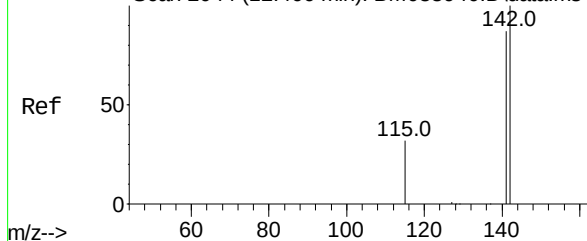


Naphthalene
Concen: 0.331 ng/ul
RT: 10.859 min Scan# 1752
Delta R.T. 0.004 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:128 Resp: 23848
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 12.9 10.3 15.5



Abundance Scan 2044 (12.466 min): BM038940.D\data.ms (-2076) (-)

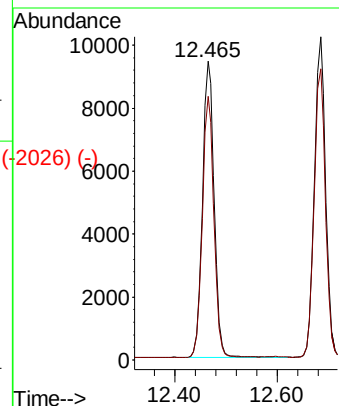
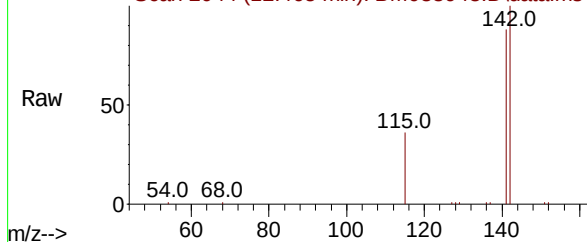


2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.465 min Scan# 2044
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

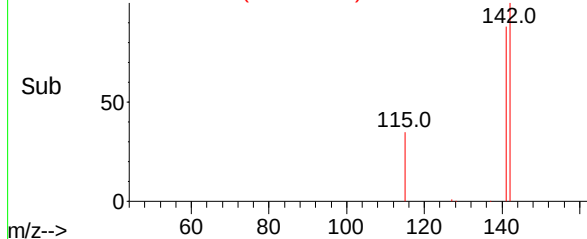
Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 14818
Ion Ratio Lower Upper
142 100
141 87.7 69.9 104.9

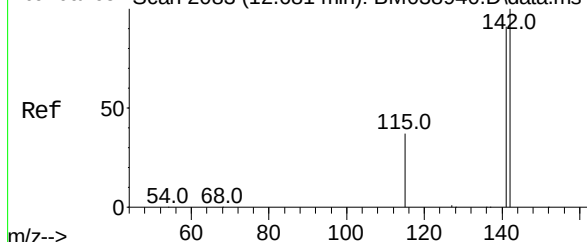
Abundance Scan 2044 (12.465 min): BM038948.D\data.ms



Abundance Scan 2044 (12.465 min): BM038948.D\data.ms (-2026) (-)



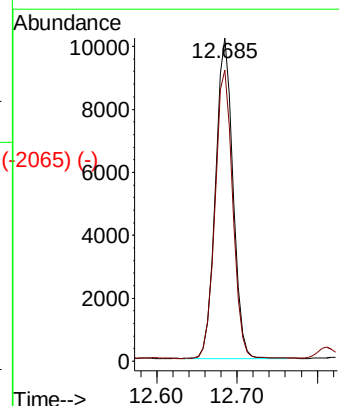
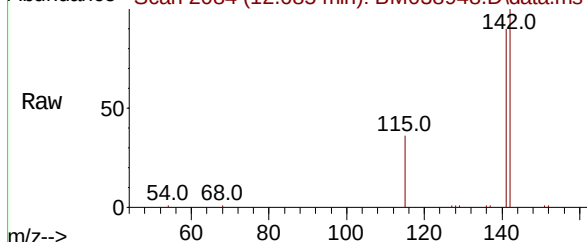
Abundance Scan 2083 (12.681 min): BM038940.D\data.ms (-2084) (-)



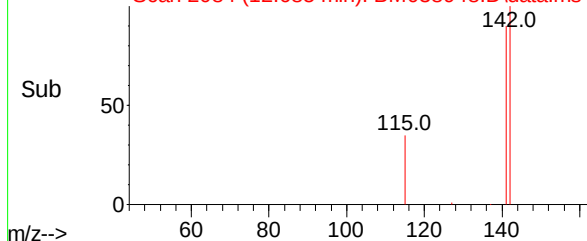
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.685 min Scan# 2084
Delta R.T. 0.004 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:142 Resp: 15528
Ion Ratio Lower Upper
142 100
141 90.7 73.5 110.3

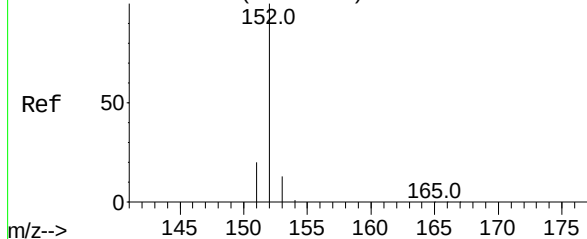
Abundance Scan 2084 (12.685 min): BM038948.D\data.ms



Abundance Scan 2084 (12.685 min): BM038948.D\data.ms (-2065) (-)



Abundance Scan 2419 (14.351 min): BM038940.D\data.ms (-2419) (-)



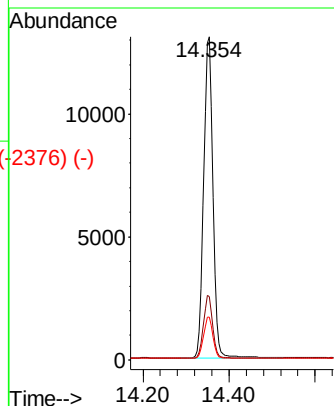
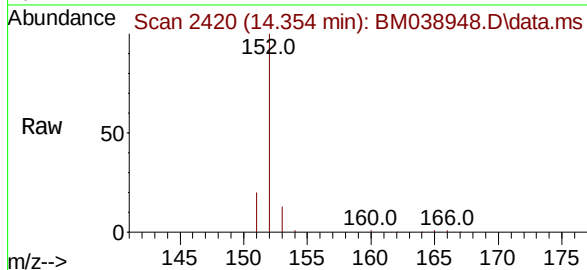
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.354 min Scan# 2419
Delta R.T. 0.003 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :

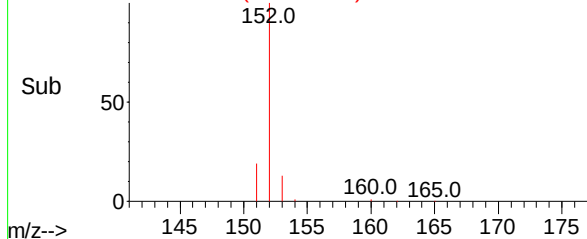
BNA_M

ClientSampleId :

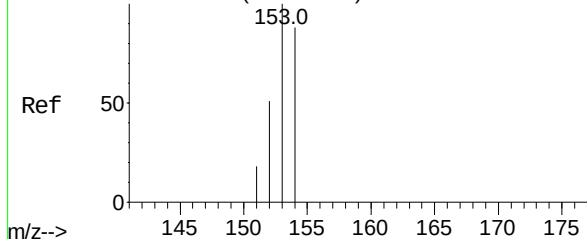
Tgt Ion:	152	Resp:	19658
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.3	10.6	15.8



Abundance Scan 2420 (14.354 min): BM038948.D\data.ms (-2376) (-)

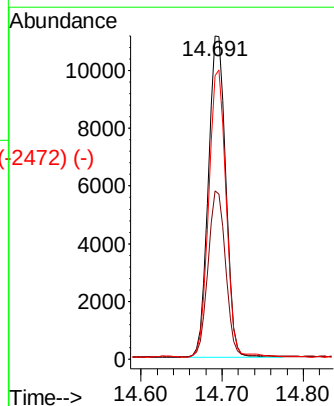
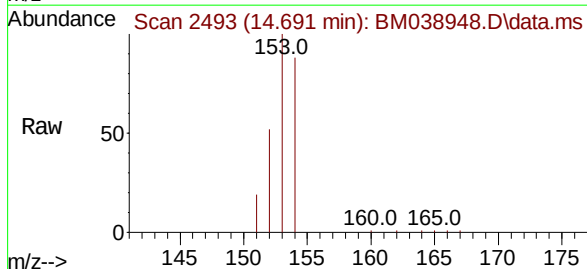


Abundance Scan 2493 (14.693 min): BM038940.D\data.ms (-2493) (-)

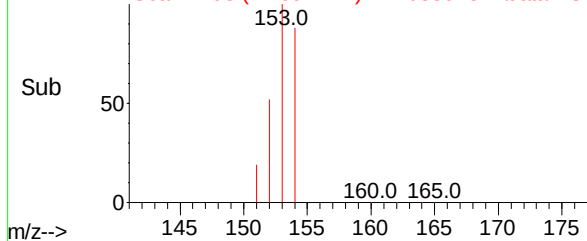


Acenaphthene
Concen: 0.320 ng/ul
RT: 14.691 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

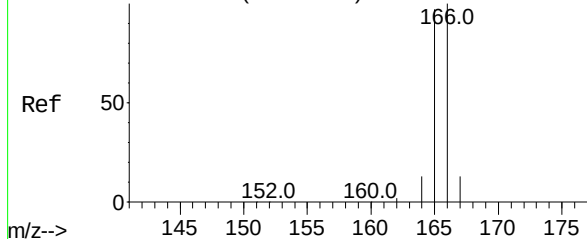
Tgt Ion:	153	Resp:	16425
Ion	Ratio	Lower	Upper
153	100		
152	52.1	44.2	66.2
154	87.8	70.6	105.8



Abundance Scan 2493 (14.691 min): BM038948.D\data.ms (-2472) (-)



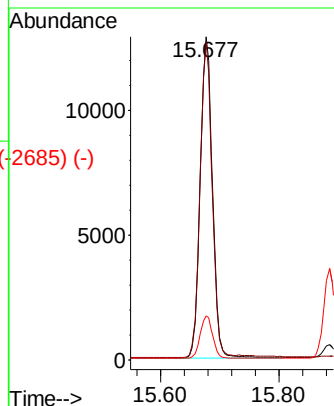
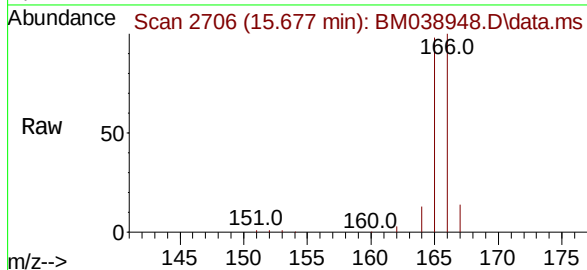
Abundance Scan 2706 (15.678 min): BM038940.D\data.ms (-2685) (-)



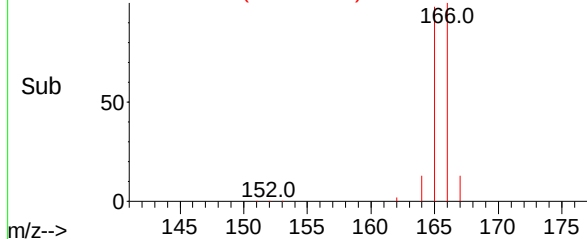
Fluorene
Concen: 0.321 ng/ul
RT: 15.677 min Scan# 2706
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :

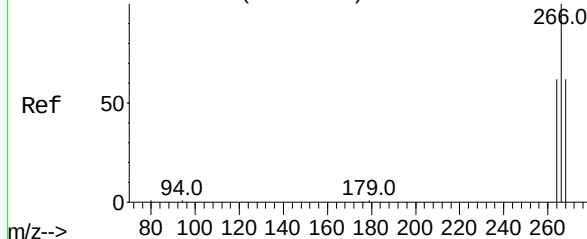
Tgt Ion:	166	Resp:	18573
Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.6
167	13.7	11.4	17.2



Abundance Scan 2706 (15.677 min): BM038948.D\data.ms (-2685) (-)

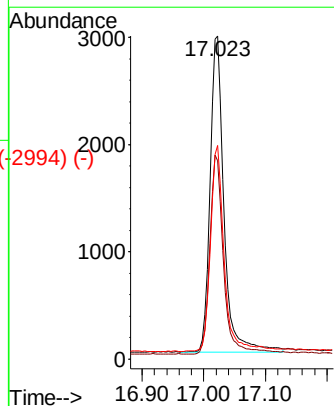
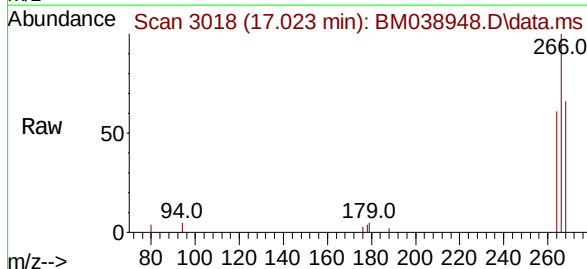


Abundance Scan 3017 (17.020 min): BM038940.D\data.ms (-3019) (-)

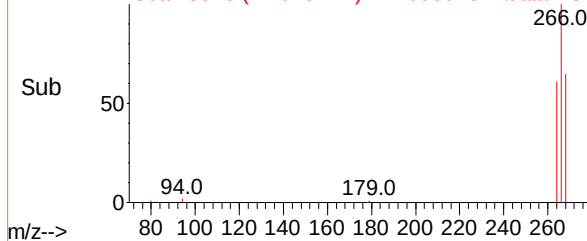


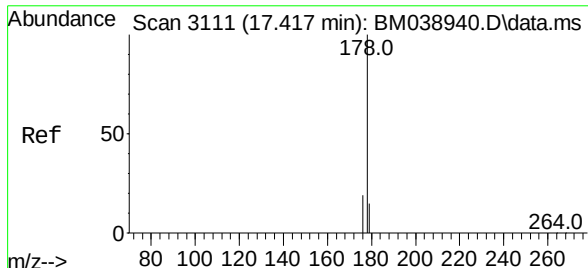
Pentachlorophenol
Concen: 0.535 ng/ul
RT: 17.023 min Scan# 3018
Delta R.T. 0.003 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:	266	Resp:	4672
Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.2	75.2
268	64.6	50.2	75.4



Abundance Scan 3018 (17.023 min): BM038948.D\data.ms (-2994) (-)

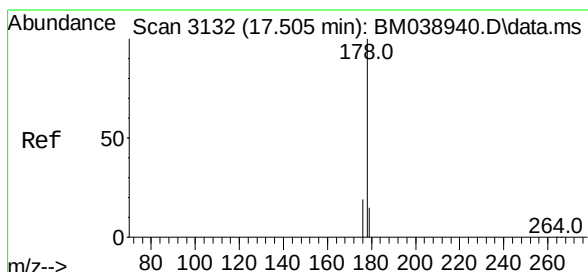
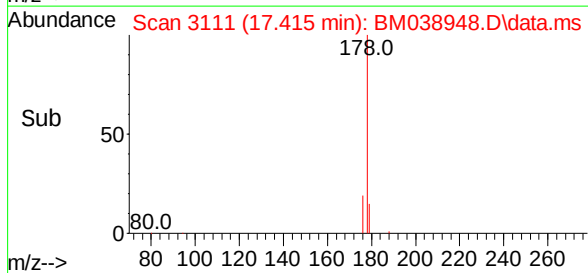
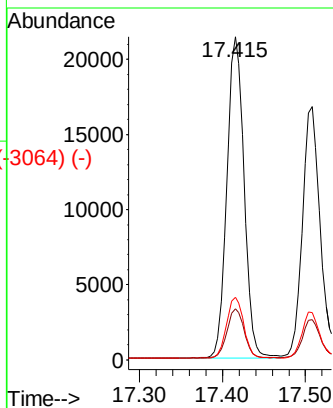
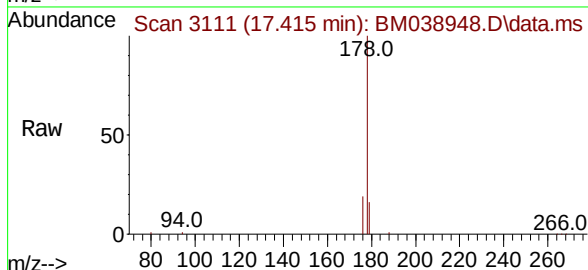




Scan 3111 (17.417 min): BM038940.D\data.ms (-3015) (-)
 Phenanthrene
 Concen: 0.319 ng/ul
 RT: 17.415 min Scan# 3111
 Delta R.T. -0.001 min
 Lab File: BM038948.D
 Acq: 09 Mar 2023 16:41

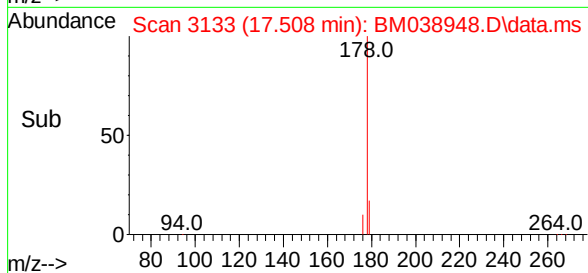
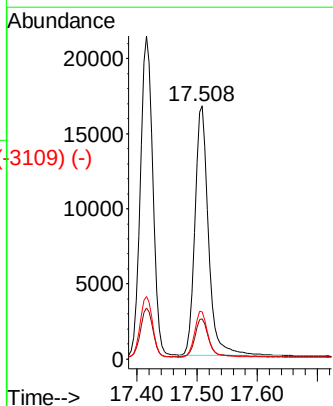
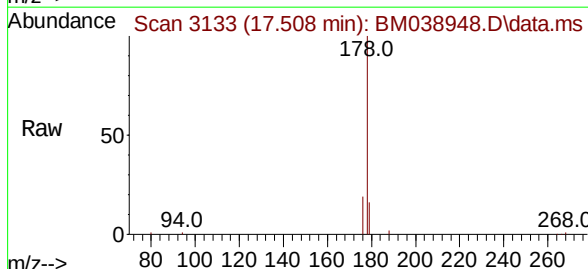
Instrument :
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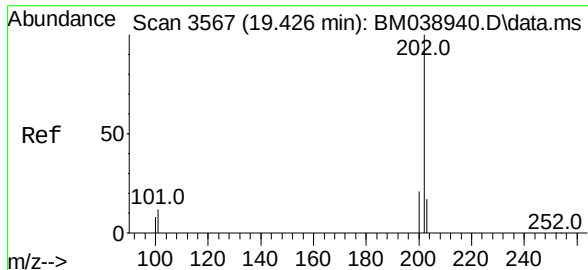
Tgt Ion:	178	Resp:	30637
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.3	15.9	23.9



Scan 3132 (17.505 min): BM038940.D\data.ms (-3110) (-)
 Anthracene
 Concen: 0.325 ng/ul
 RT: 17.508 min Scan# 3133
 Delta R.T. 0.003 min
 Lab File: BM038948.D
 Acq: 09 Mar 2023 16:41

Tgt Ion:	178	Resp:	25655
Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	18.8	15.4	23.2

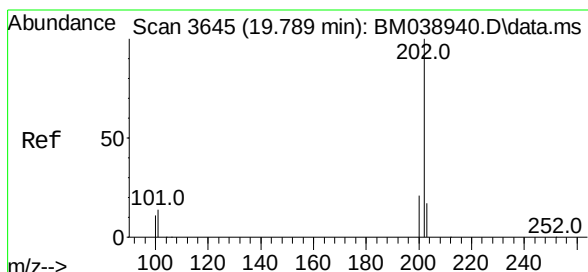
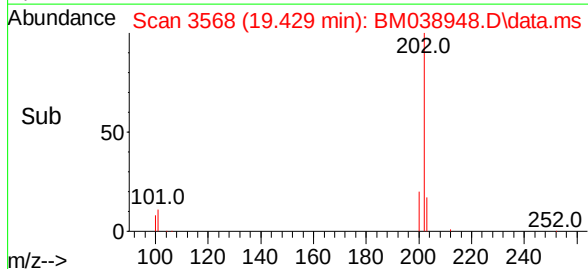
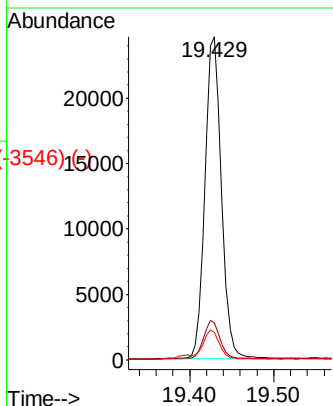
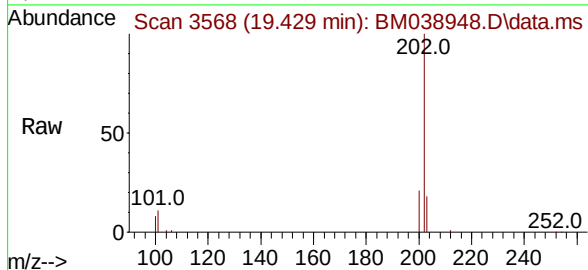




Scan 3567 (19.426 min): BM038940.D\data.ms (-3519) (-)
 Fluoranthene
 Concen: 0.351 ng/ul
 RT: 19.429 min Scan# 3568
 Delta R.T. 0.003 min
 Lab File: BM038948.D
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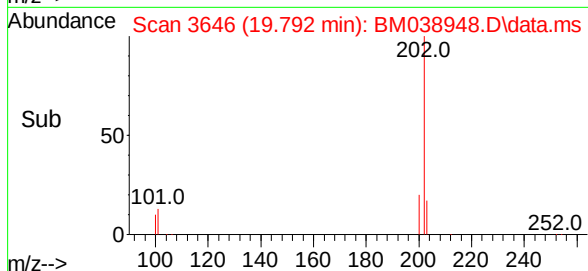
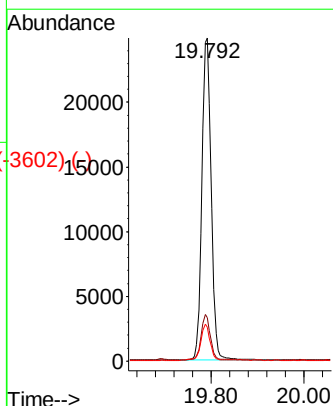
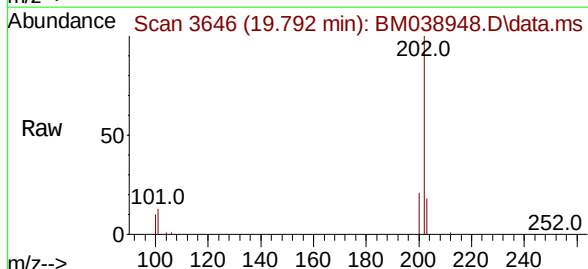
Instrument :
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Tgt Ion:	202	Resp:	33789
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.9	13.3
100	8.4	6.8	10.2



Scan 3645 (19.789 min): BM038940.D\data.ms (-3620) (-)
 Pyrene
 Concen: 0.352 ng/ul
 RT: 19.792 min Scan# 3646
 Delta R.T. 0.003 min
 Lab File: BM038948.D
 Acq: 09 Mar 2023 16:41

Tgt Ion:	202	Resp:	34865
Ion Ratio	Lower	Upper	
202	100		
101	13.4	11.2	16.8
100	10.4	9.0	13.6



Abundance Scan 4153 (21.538 min): BM038940.D\data.ms (-4128) (-)

Benzo(a)anthracene

Concen: 0.352 ng/ul

RT: 21.537 min Scan# 4153

Delta R.T. -0.001 min

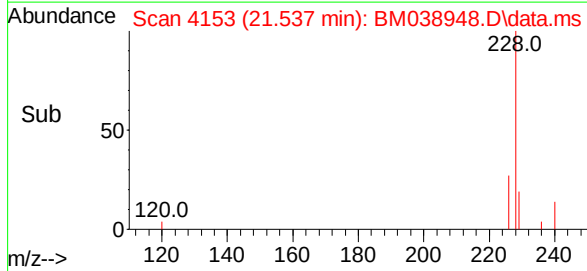
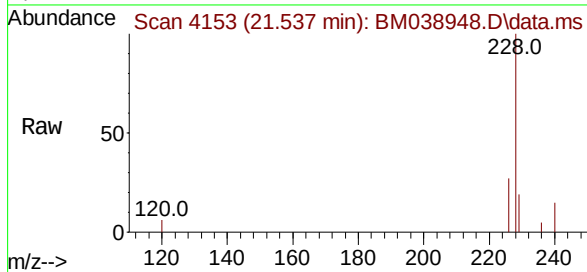
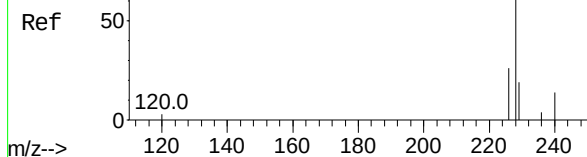
Lab File: BM038948.D

Acq: 09 Mar 2023 16:41

Instrument :

BNA_M

ClientSampleId :



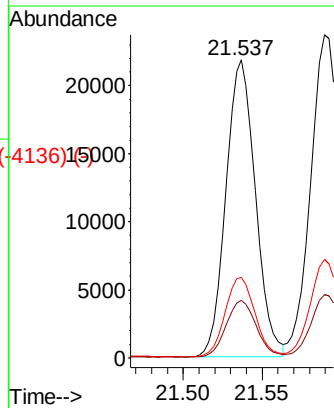
Tgt Ion:228 Resp: 28348

Ion Ratio Lower Upper

228 100

229 19.2 15.6 23.4

226 27.0 22.0 33.0



Abundance Scan 4171 (21.591 min): BM038940.D\data.ms (-4182) (-)

Chrysene

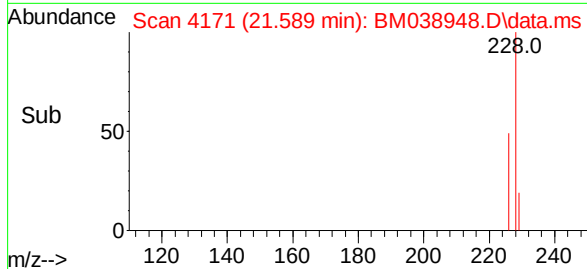
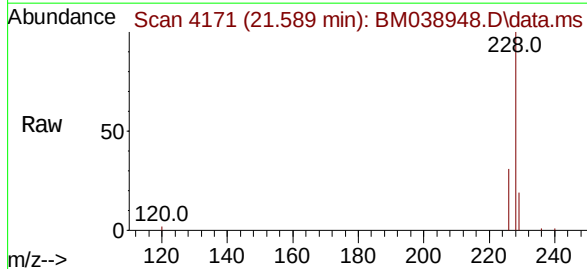
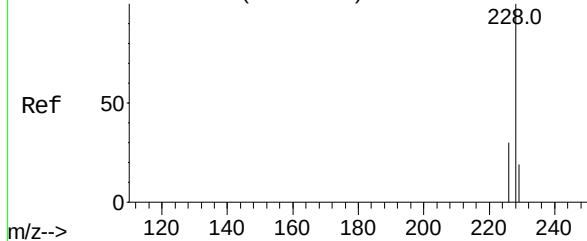
Concen: 0.323 ng/ul

RT: 21.589 min Scan# 4171

Delta R.T. -0.001 min

Lab File: BM038948.D

Acq: 09 Mar 2023 16:41



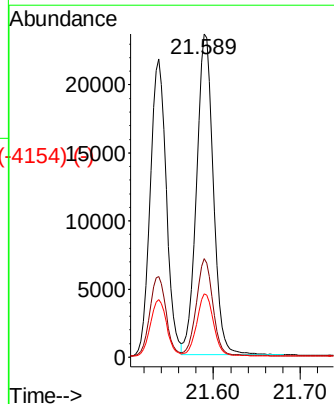
Tgt Ion:228 Resp: 31264

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 19.5 15.7 23.5



Abundance Scan 4739 (23.251 min): BM038940.D\data.ms (-4729) (-)

Benzo(b)fluoranthene

Concen: 0.354 ng/ul

RT: 23.252 min Scan# 4739

Delta R.T. 0.001 min

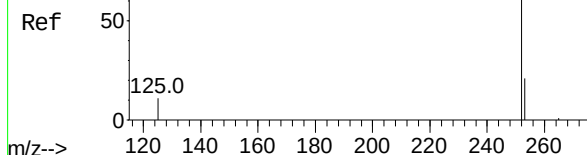
Lab File: BM038948.D

Acq: 09 Mar 2023 16:41

Instrument :

BNA_M

ClientSampleId :



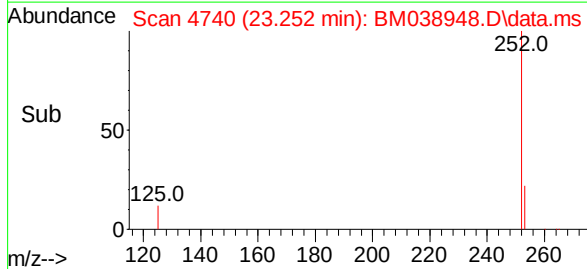
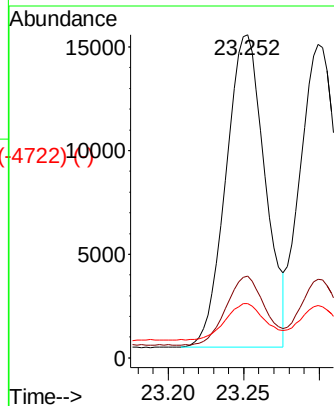
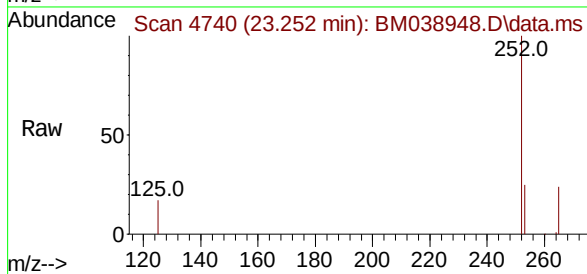
Tgt Ion:252 Resp: 27110

Ion Ratio Lower Upper

252 100

253 25.3 0.0 47.6

125 16.8 0.0 29.2



Abundance Scan 4756 (23.301 min): BM038940.D\data.ms (-4725) (-)

Benzo(k)fluoranthene

Concen: 0.342 ng/ul

RT: 23.299 min Scan# 4756

Delta R.T. -0.001 min

Lab File: BM038948.D

Acq: 09 Mar 2023 16:41

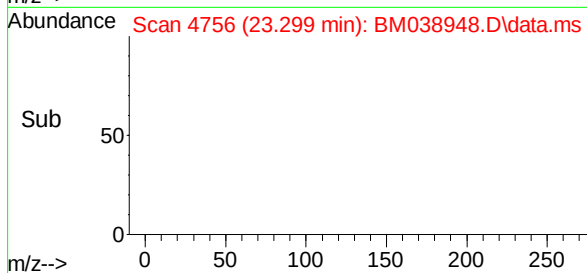
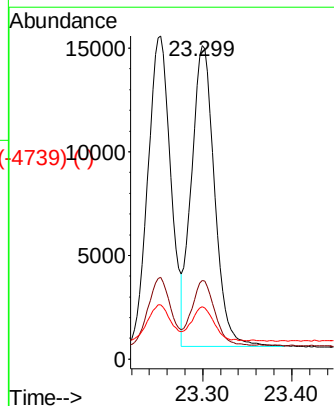
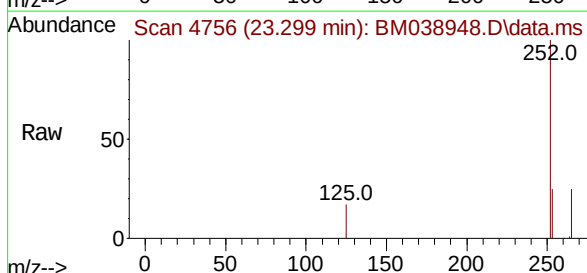
Tgt Ion:252 Resp: 26165

Ion Ratio Lower Upper

252 100

253 25.1 19.2 28.8

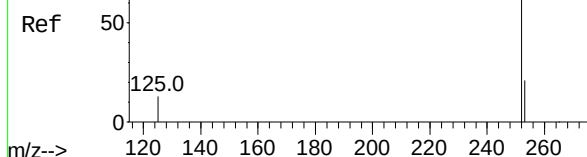
125 16.7 11.8 17.6



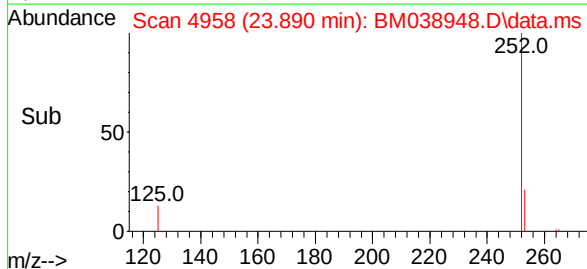
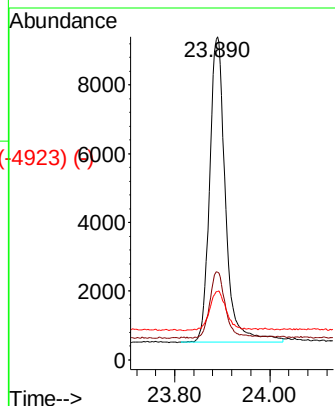
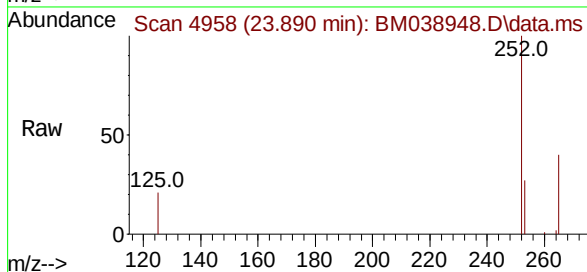
Abundance Scan 4957 (23.888 min): BM038940.D\data.ms (-4925) (-)

Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 23.890 min Scan# 4957
Delta R.T. 0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Instrument :
BNA_M
ClientSampleId :



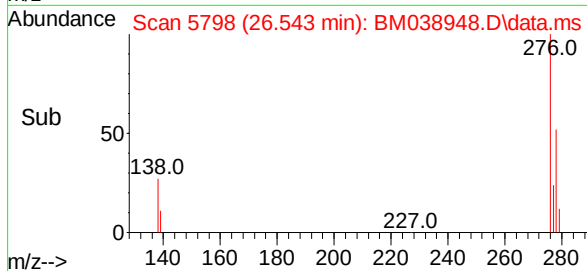
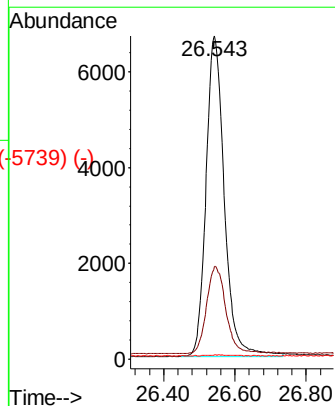
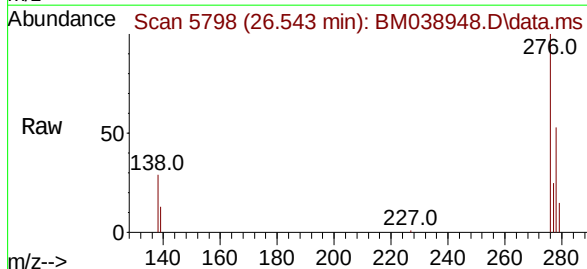
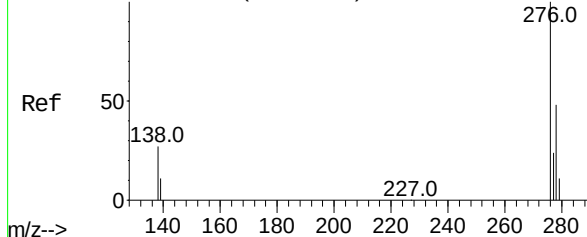
Tgt Ion:	252	Resp:	20674
Ion Ratio	Lower	Upper	
252	100		
253	27.1	20.3	30.5
125	21.2	14.0	21.0#



Abundance Scan 5798 (26.545 min): BM038940.D\data.ms (-5788) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng/ul
RT: 26.543 min Scan# 5798
Delta R.T. -0.001 min
Lab File: BM038948.D
Acq: 09 Mar 2023 16:41

Tgt Ion:	276	Resp:	23850
Ion Ratio	Lower	Upper	
276	100		
138	28.5	22.2	33.4
227	0.0	0.2	0.2#



Abundance Scan 5805 (26.568 min): BM038940.D\data.ms (-5728) (-)

Dibenzo(a,h)anthracene

Concen: 0.324 ng/ul

RT: 26.567 min Scan# 5805

Delta R.T. -0.001 min

Lab File: BM038948.D

Acq: 09 Mar 2023 16:41

Ref

138.0

227.0

278.0

m/z-->

Abundance Scan 5805 (26.567 min): BM038948.D\data.ms

Raw

138.0

227.0

278.0

m/z-->

Abundance Scan 5805 (26.567 min): BM038948.D\data.ms (-5746) (-)

Sub

138.0

227.0

278.0

m/z-->

Tgt Ion:278 Resp: 19071

Ion Ratio Lower Upper

278 100

139 20.0 16.0 24.0

279 26.8 21.8 32.6

Abundance

26.567

4000

2000

Time-->

Abundance Scan 6031 (27.326 min): BM038940.D\data.ms (-5929) (-)

Benzo(g,h,i)perylene

Concen: 0.282 ng/ul

RT: 27.321 min Scan# 6030

Delta R.T. -0.005 min

Lab File: BM038948.D

Acq: 09 Mar 2023 16:41

Ref

138.0

227.0

276.0

m/z-->

Abundance Scan 6030 (27.321 min): BM038948.D\data.ms

Raw

138.0

227.0

276.0

m/z-->

Abundance Scan 6030 (27.321 min): BM038948.D\data.ms (-5972) (-)

Sub

138.0

227.0

276.0

m/z-->

Tgt Ion:276 Resp: 20280

Ion Ratio Lower Upper

276 100

138 27.0 20.2 30.4

277 24.9 19.8 29.8

Abundance

27.321

4000

2000

Time-->