

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034899.D
 Acq On : 03 May 2022 20:09
 Operator : CG/JU
 Sample : N2562-20MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW478MSD

Quant Time: May 04 03:03:20 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 02:59:36 2022
 Response via : Initial Calibration

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

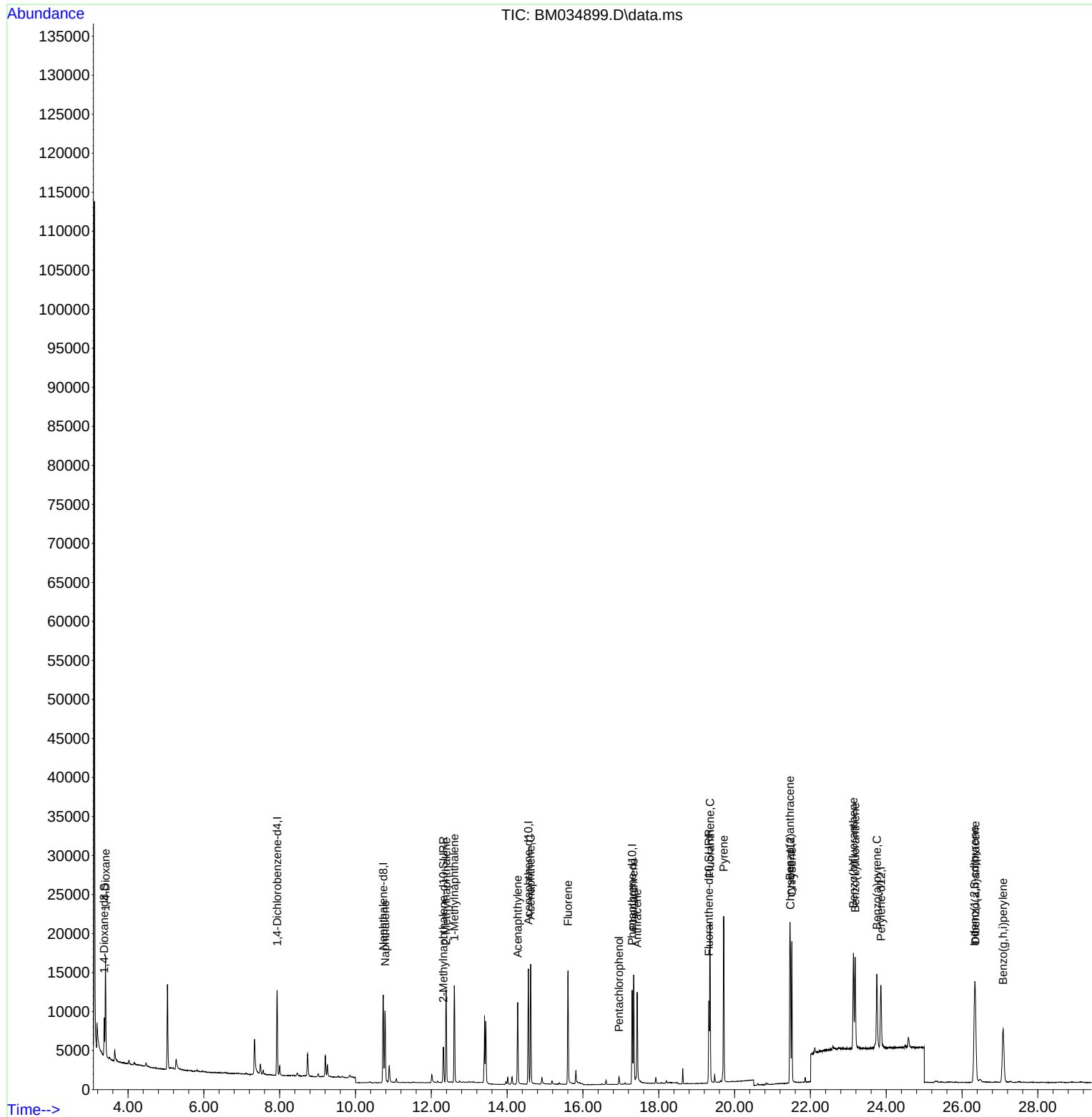
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	5662	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.732	136	15043	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.561	164	8083	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	14912	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	11395	0.400	ng/ul	# 0.00
23) Perylene-d12	23.859	264	11086	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	2918	0.466	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6070	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	11149	0.310	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.407	88	7688	1.290	ng/ul	94
5) Naphthalene	10.781	128	12709	0.295	ng/ul#	88
7) 2-Methylnaphthalene	12.393	142	8198	0.287	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	8143	0.290	ng/ul	100
10) Acenaphthylene	14.279	152	12035	0.341	ng/ul#	90
11) Acenaphthene	14.621	153	8935	0.299	ng/ul	95
12) Fluorene	15.607	166	9647	0.286	ng/ul#	96
14) Pentachlorophenol	16.954	266	734	0.166	ng/ul	96
15) Phenanthrene	17.339	178	15134	0.307	ng/ul	94
16) Anthracene	17.431	178	13538	0.308	ng/ul	93
19) Fluoranthene	19.354	202	17486	0.320	ng/ul	99
20) Pyrene	19.712	202	17798	0.324	ng/ul	96
21) Benzo(a)anthracene	21.459	228	15196	0.343	ng/ul	98
22) Chrysene	21.511	228	15631	0.331	ng/ul	99
24) Benzo(b)fluoranthene	23.134	252	15918	0.314	ng/ul	90
25) Benzo(k)fluoranthene	23.180	252	15396	0.304	ng/ul#	88
26) Benzo(a)pyrene	23.753	252	14574	0.353	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.329	276	17498	0.302	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.350	278	14326	0.304	ng/ul#	92
29) Benzo(g,h,i)perylene	27.084	276	15120	0.302	ng/ul#	92

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

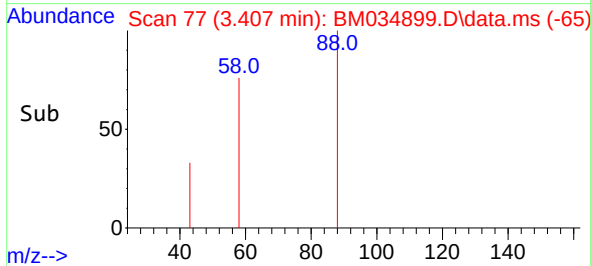
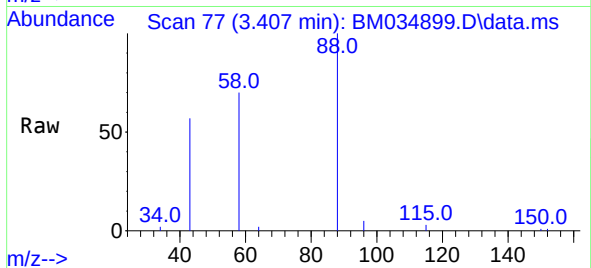
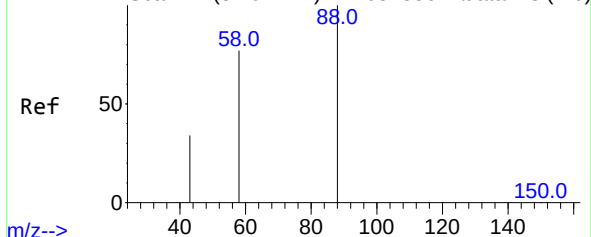
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
Data File : BM034899.D
Acq On : 03 May 2022 20:09
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ALS Vial : 15 Sample Multiplier: 1

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QLast Update : Wed May 04 02:59:36 2022
Response via : Initial Calibration



Abundance Scan 77 (3.407 min): BM034886.D\data.ms (-70)



#2

1,4-Dioxane

Concen: 1.290 ng/ul

RT: 3.407 min Scan# 71

Delta R.T. -0.000 min

Lab File: BM034899.D

Acq: 03 May 2022 20:09

Instrument :

BNA_M

ClientSampleId :

EW478MSD

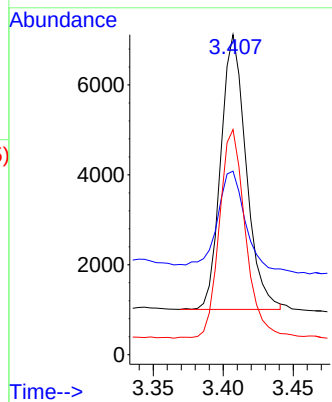
Tgt Ion: 88 Resp: 7688

Ion Ratio Lower Upper

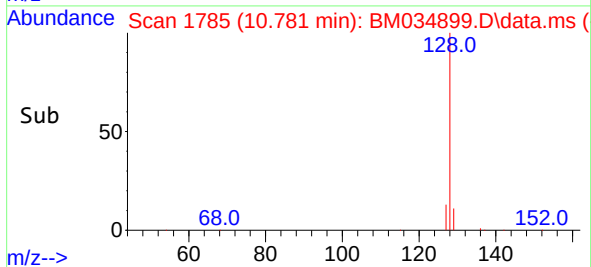
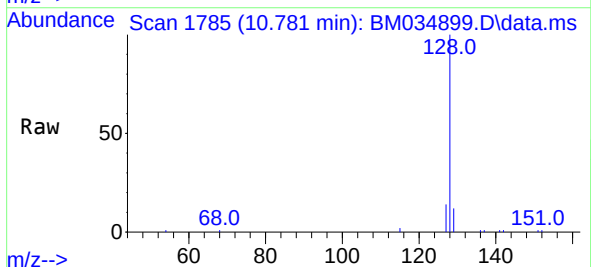
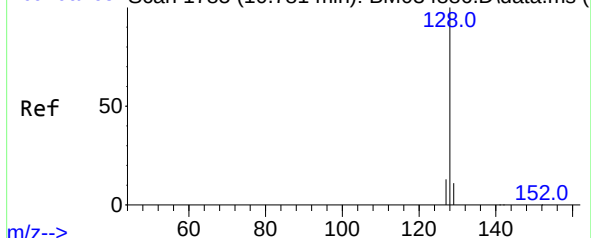
88 100

43 57.4 49.7 74.5

58 70.3 52.5 78.7



Abundance Scan 1785 (10.781 min): BM034886.D\data.ms (-65)



#5

Naphthalene

Concen: 0.295 ng/ul

RT: 10.781 min Scan# 1785

Delta R.T. -0.000 min

Lab File: BM034899.D

Acq: 03 May 2022 20:09

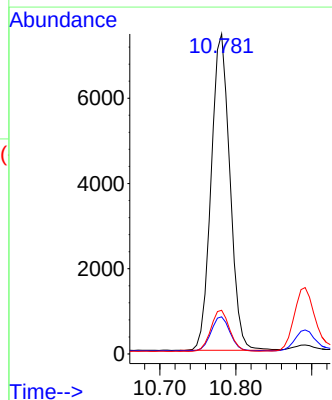
Tgt Ion:128 Resp: 12709

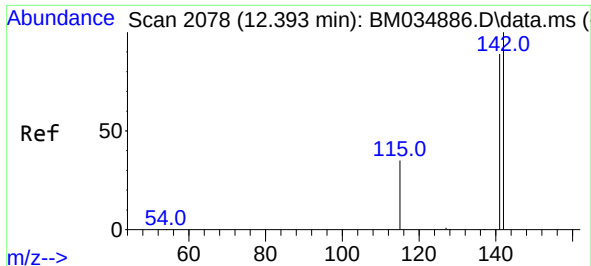
Ion Ratio Lower Upper

128 100

129 11.6 13.4 20.2#

127 13.7 15.2 22.8#

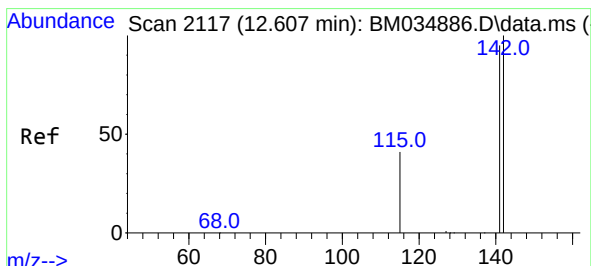
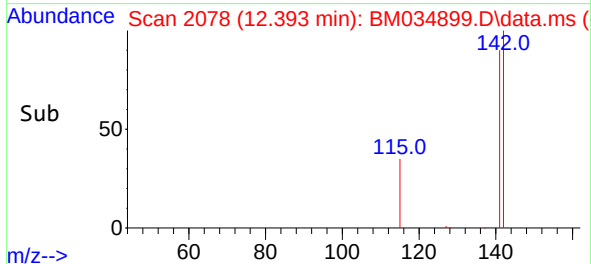
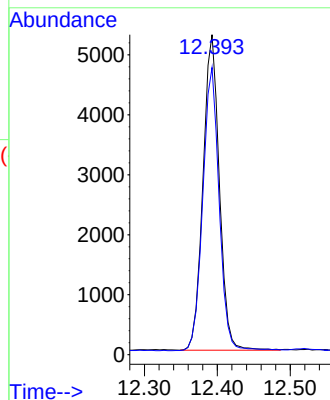
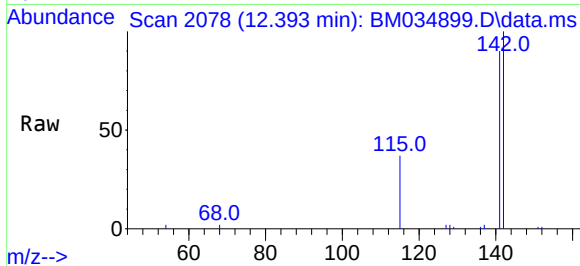




#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

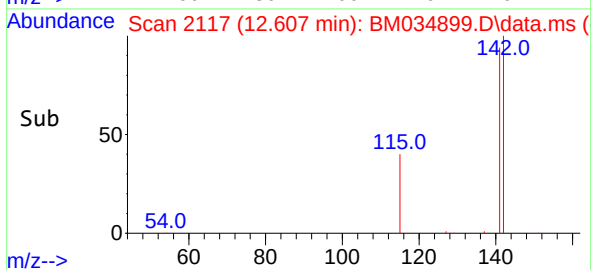
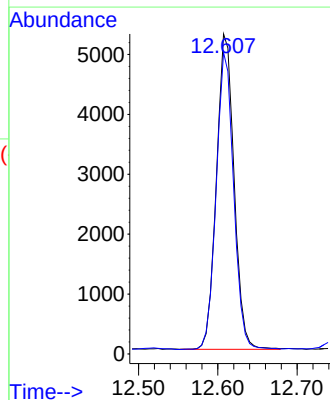
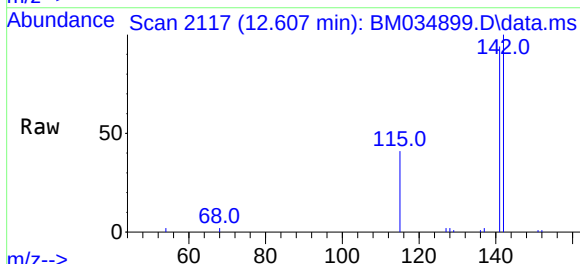
Instrument :
BNA_M
ClientSampleId :
EW478MSD

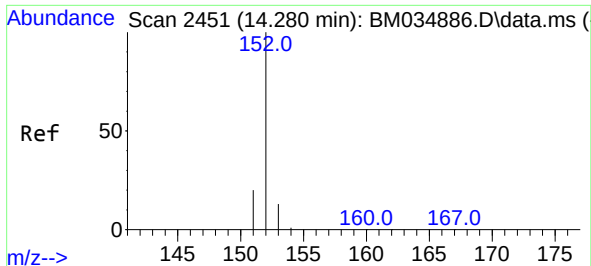
Tgt Ion:142 Resp: 8198
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

Tgt Ion:142 Resp: 8143
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4

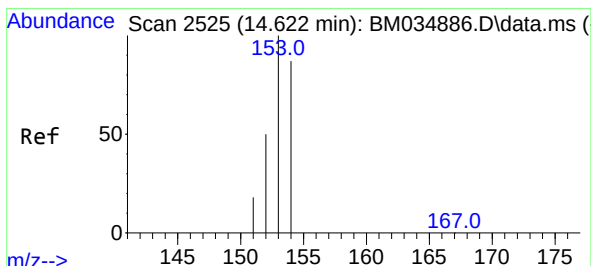
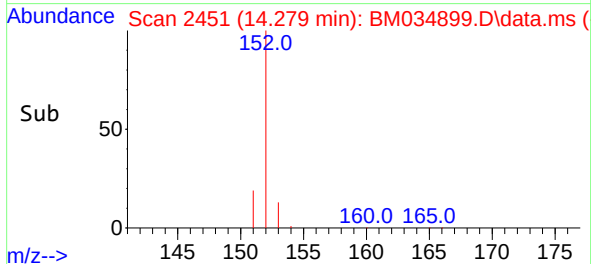
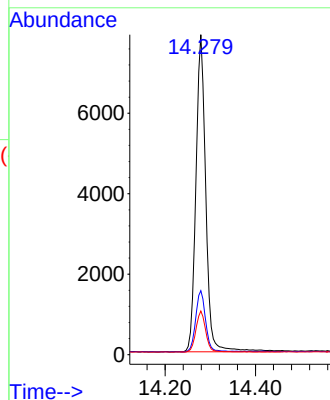
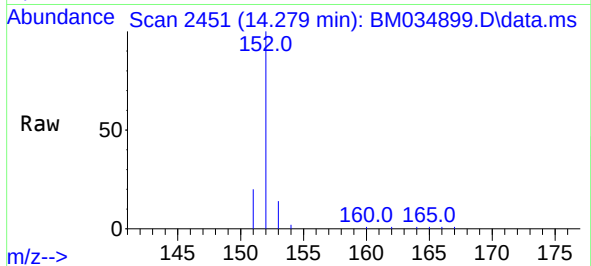




#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.001 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

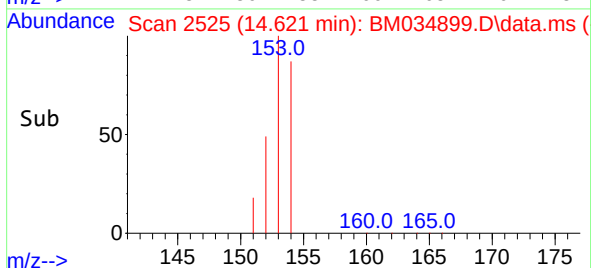
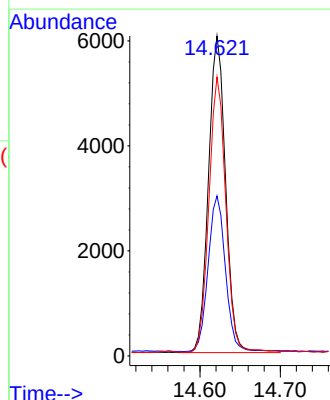
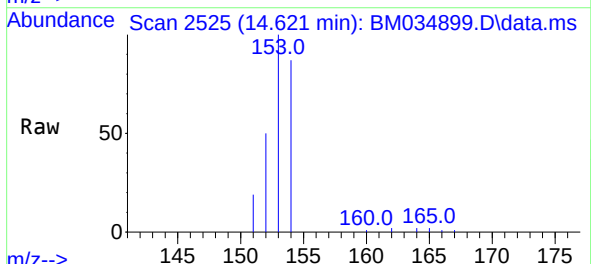
Instrument :
BNA_M
ClientSampleId :
EW478MSD

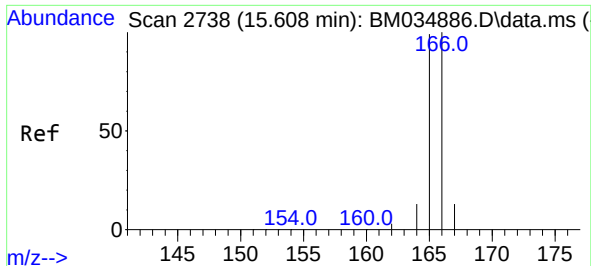
Tgt Ion:152 Resp: 12035
Ion Ratio Lower Upper
152 100
151 20.0 19.9 29.9
153 13.7 15.0 22.4#



#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.621 min Scan# 2525
Delta R.T. -0.001 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

Tgt Ion:153 Resp: 8935
Ion Ratio Lower Upper
153 100
152 50.0 42.4 63.6
154 87.2 66.2 99.2

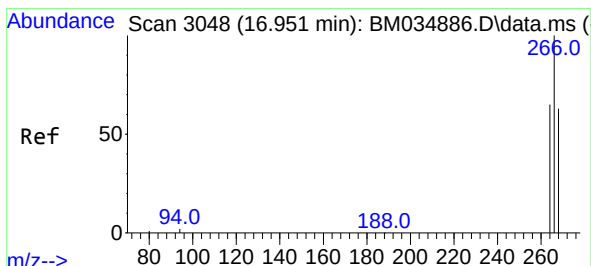
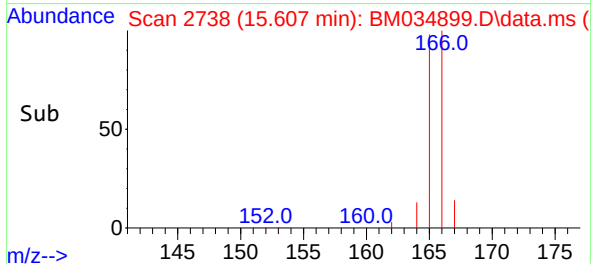
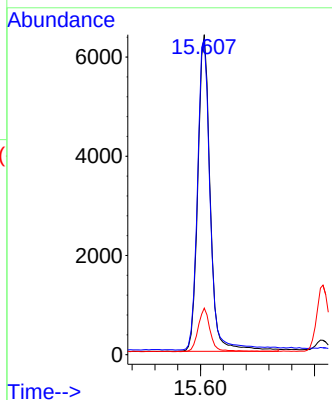
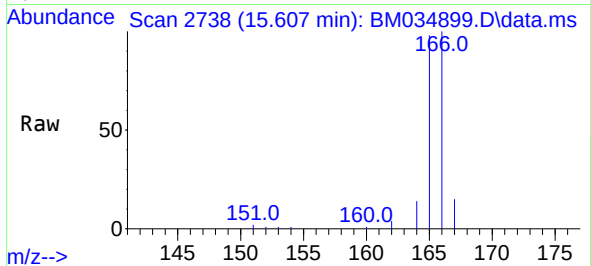




#12
Fluorene
Concen: 0.286 ng/ul
RT: 15.607 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

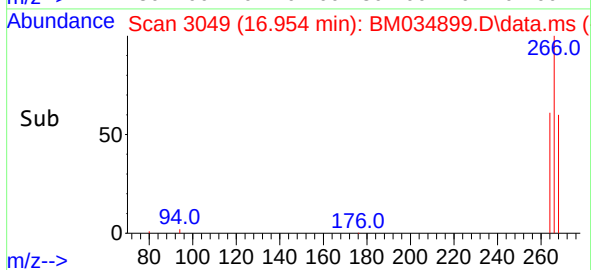
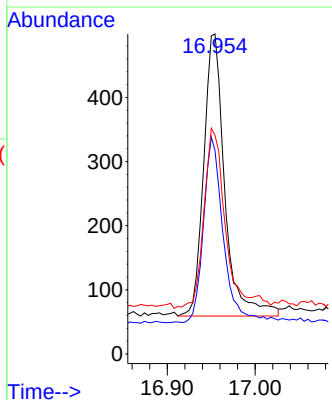
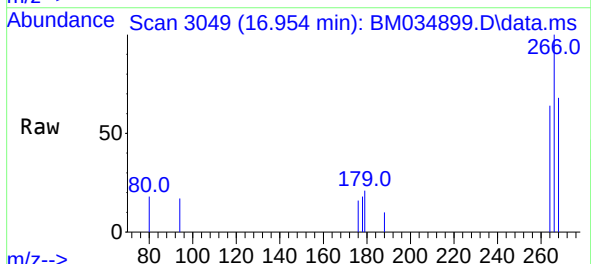
Instrument :
BNA_M
ClientSampleId :
EW478MSD

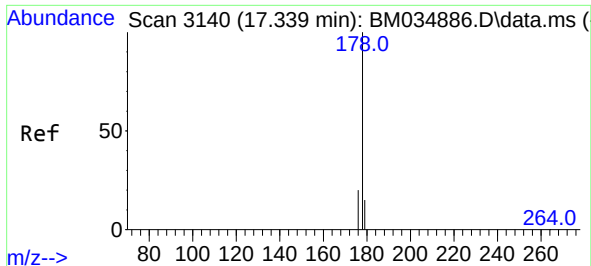
Tgt Ion:166 Resp: 9647
Ion Ratio Lower Upper
166 100
165 98.4 81.1 121.7
167 14.6 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.166 ng/ul
RT: 16.954 min Scan# 3049
Delta R.T. 0.003 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

Tgt Ion:266 Resp: 734
Ion Ratio Lower Upper
266 100
264 61.7 51.4 77.0
268 63.2 53.1 79.7

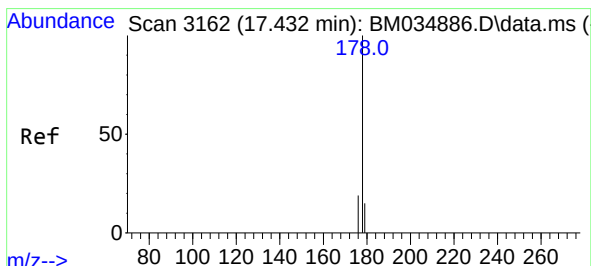
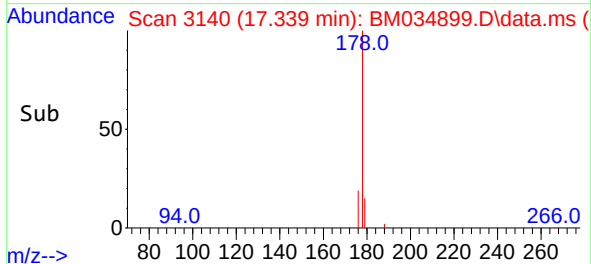
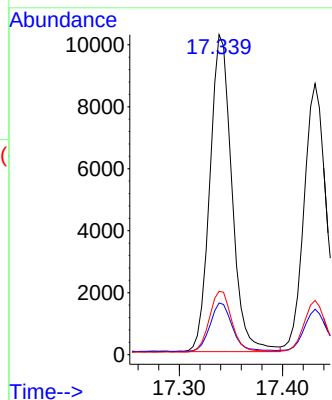
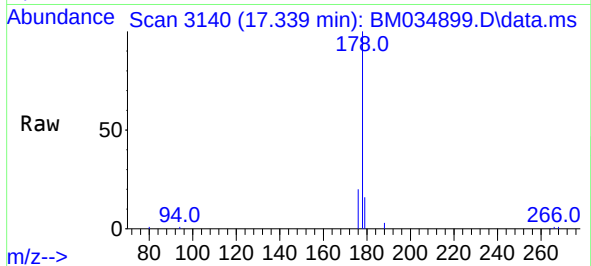




#15
Phenanthrene
Concen: 0.307 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

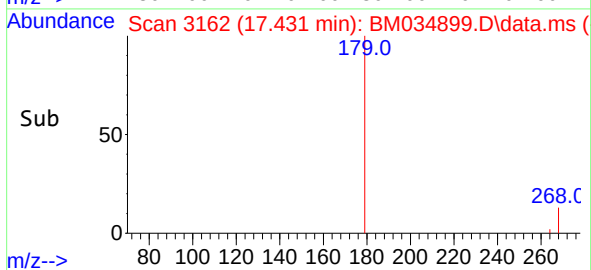
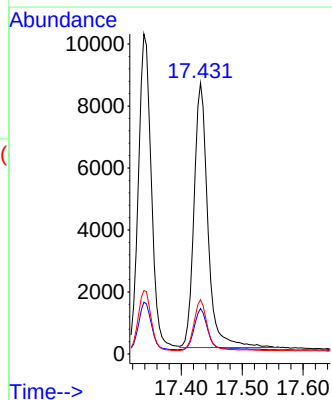
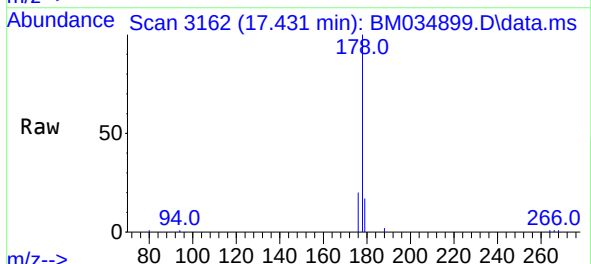
Instrument :
BNA_M
ClientSampleId :
EW478MSD

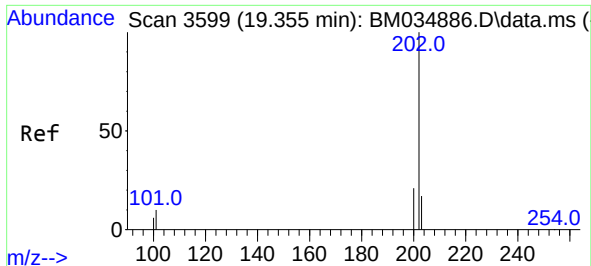
Tgt Ion:	178	Resp:	15134
Ion Ratio	Lower	Upper	
178	100		
179	16.2	15.0	22.6
176	19.8	17.9	26.9



#16
Anthracene
Concen: 0.308 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

Tgt Ion:	178	Resp:	13538
Ion Ratio	Lower	Upper	
178	100		
179	16.8	16.5	24.7
176	20.0	18.3	27.5

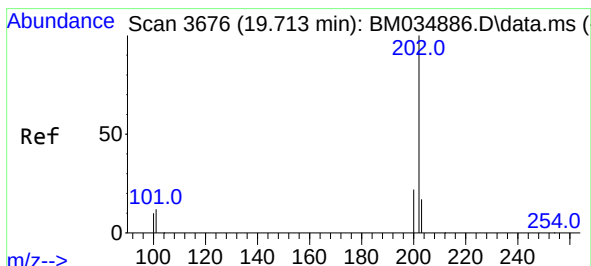
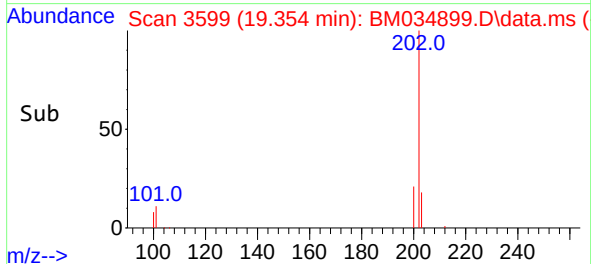
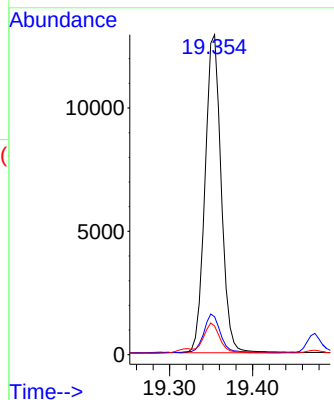
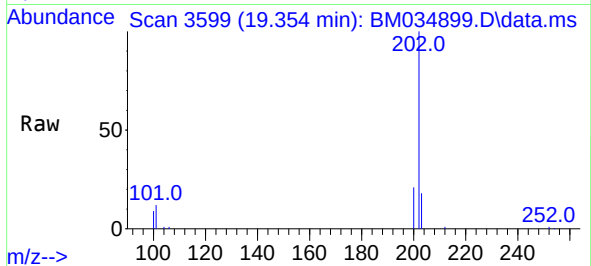




#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.354 min Scan# 3599
Delta R.T. -0.001 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

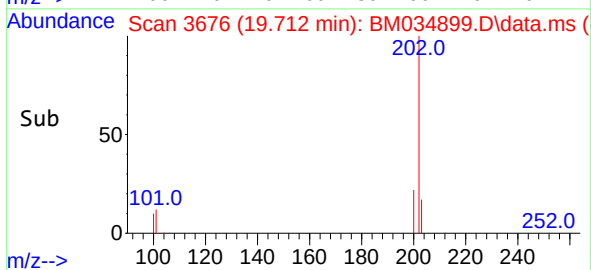
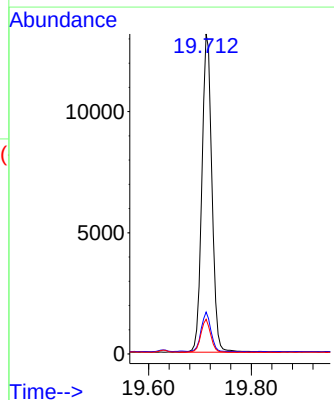
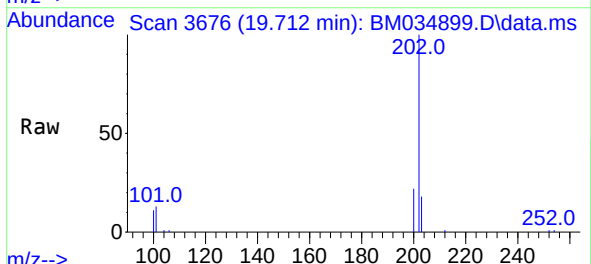
Instrument :
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ClientSampleId :
EW478MSD

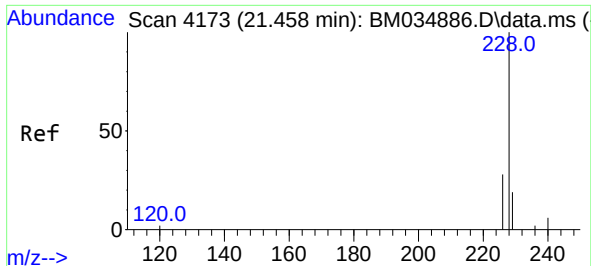
Tgt Ion:202 Resp: 17486
Ion Ratio Lower Upper
202 100
101 11.9 9.2 13.8
100 9.0 7.2 10.8



#20
Pyrene
Concen: 0.324 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. -0.001 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

Tgt Ion:202 Resp: 17798
Ion Ratio Lower Upper
202 100
101 13.1 9.3 13.9
100 10.8 7.8 11.6

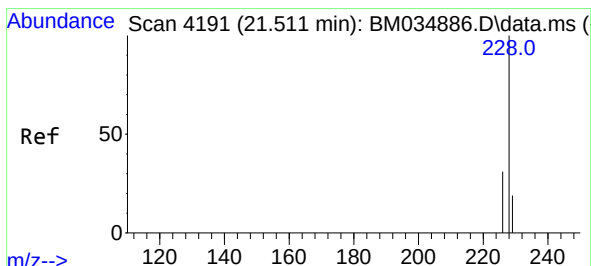
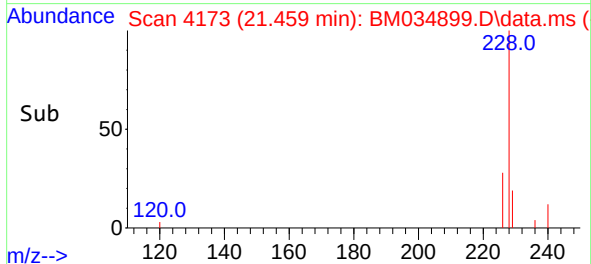
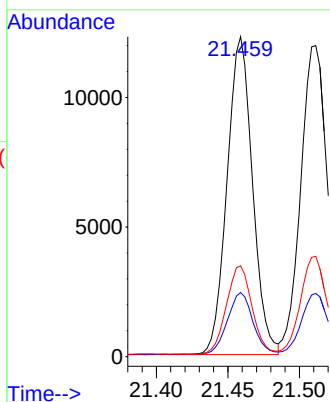
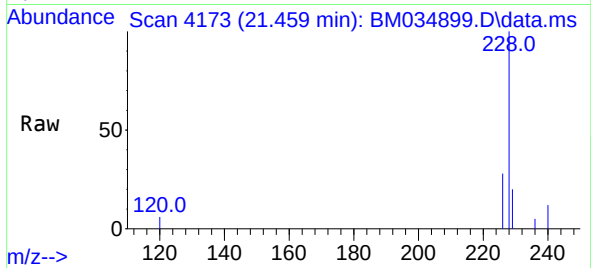




#21
Benzo(a)anthracene
Concen: 0.343 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

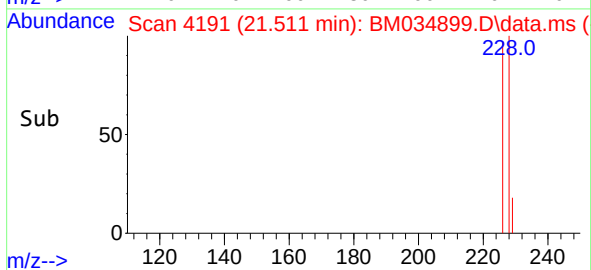
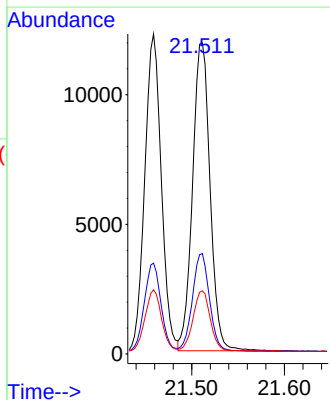
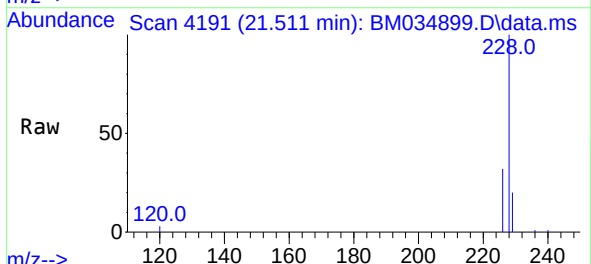
Instrument :
BNA_M
ClientSampleId :
EW478MSD

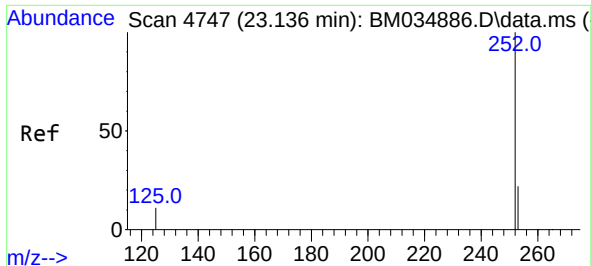
Tgt Ion:228	Resp:	15196
Ion Ratio	Lower	Upper
228	100	
229	20.0	17.3 25.9
226	28.4	23.2 34.8



#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.511 min Scan# 4191
Delta R.T. 0.001 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

Tgt Ion:228	Resp:	15631
Ion Ratio	Lower	Upper
228	100	
226	32.2	25.8 38.8
229	20.3	16.7 25.1

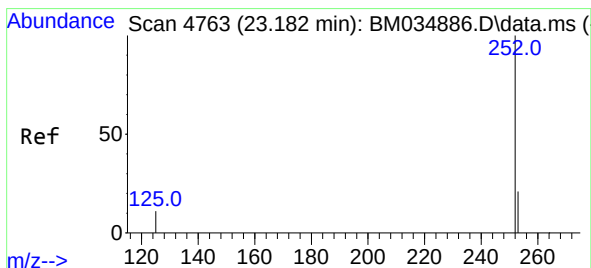
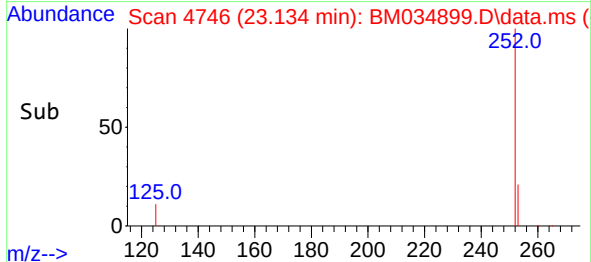
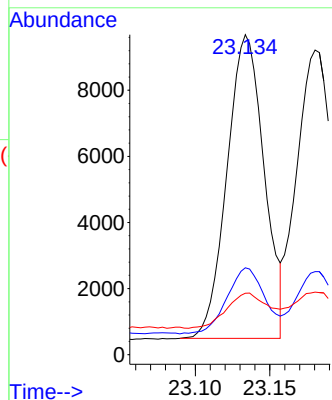
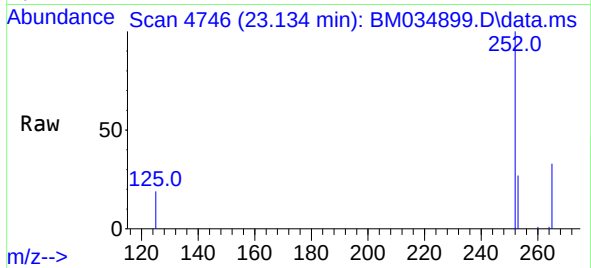




#24
Benzo(b)fluoranthene
Concen: 0.314 ng/ul
RT: 23.134 min Scan# 4747
Delta R.T. -0.002 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

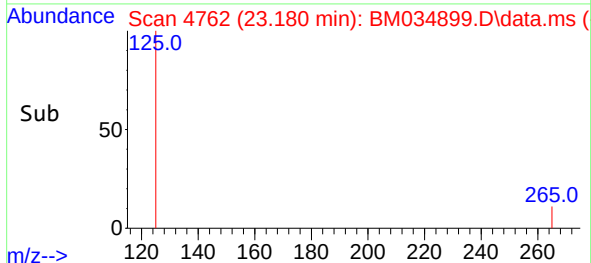
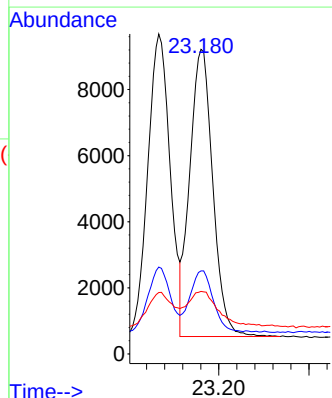
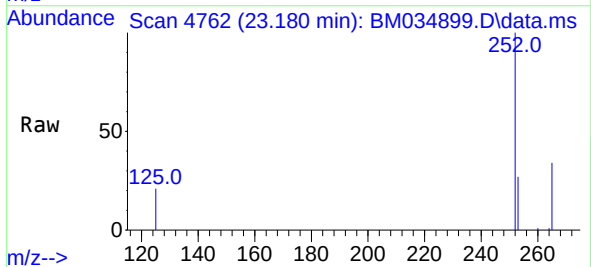
Instrument :
BNA_M
ClientSampleId :
EW478MSD

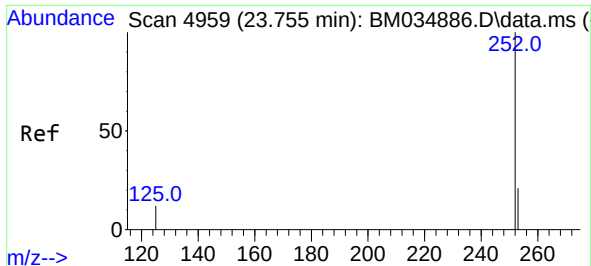
Tgt Ion:252 Resp: 15918
Ion Ratio Lower Upper
252 100
253 27.2 0.0 64.2
125 19.2 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.304 ng/ul
RT: 23.180 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

Tgt Ion:252 Resp: 15396
Ion Ratio Lower Upper
252 100
253 27.2 26.8 40.2
125 20.5 12.0 18.0#

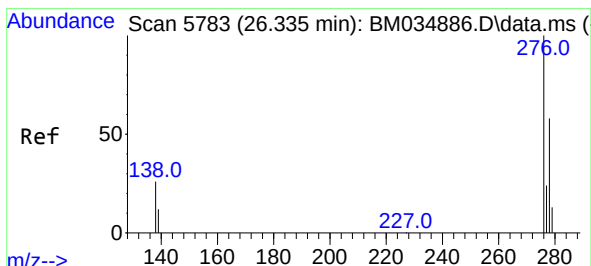
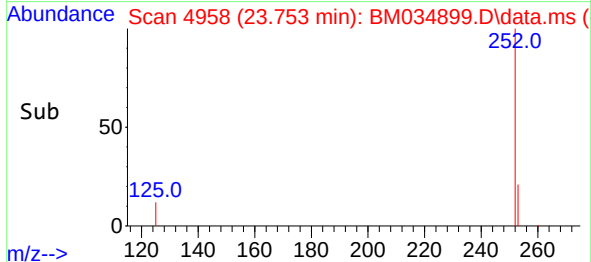
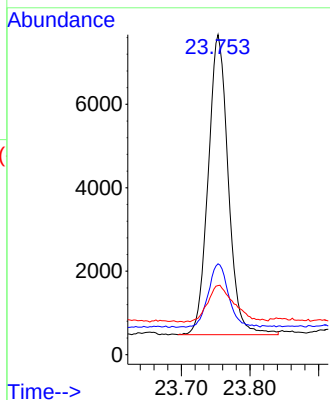
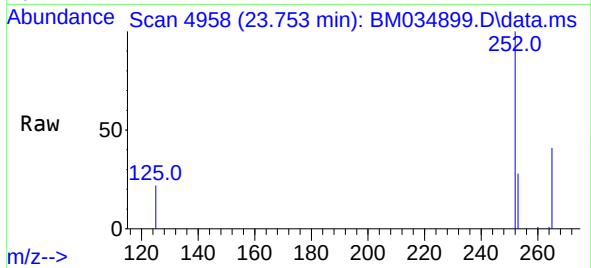




#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.753 min Scan# 4959
Delta R.T. -0.002 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

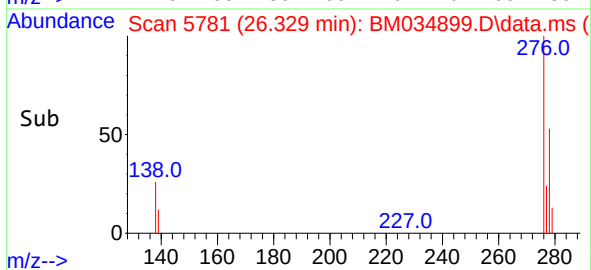
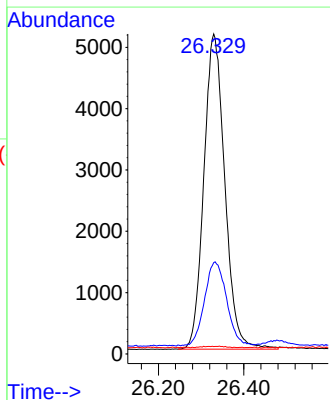
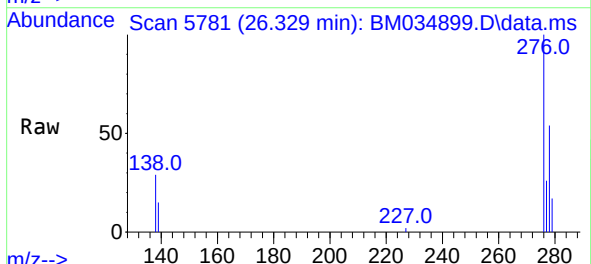
Instrument :
BNA_M
ClientSampleId :
EW478MSD

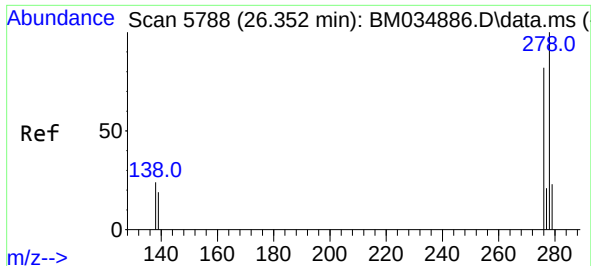
Tgt Ion:252 Resp: 14574
Ion Ratio Lower Upper
252 100
253 28.4 32.0 48.0#
125 21.6 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.302 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.006 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

Tgt Ion:276 Resp: 17498
Ion Ratio Lower Upper
276 100
138 28.0 15.8 23.6#
227 0.5 0.0 0.0#

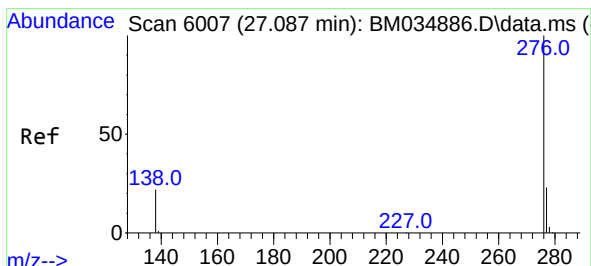
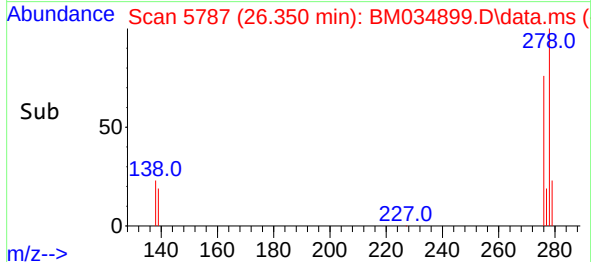
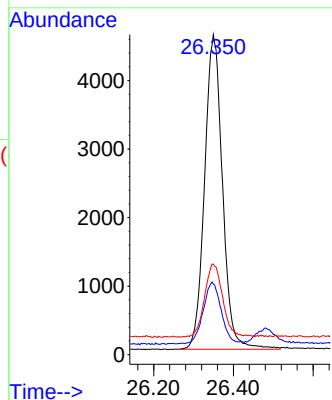
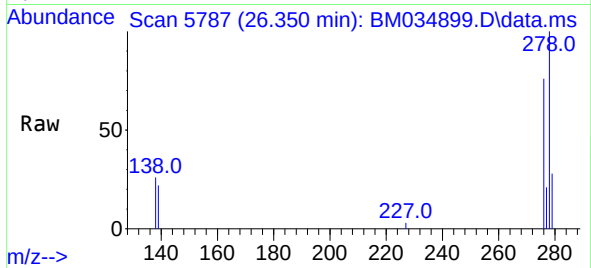




#28
Dibenzo(a,h)anthracene
Concen: 0.304 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

Instrument :
BNA_M
ClientSampleId :
EW478MSD

Tgt Ion:278 Resp: 14326
Ion Ratio Lower Upper
278 100
139 22.0 18.0 27.0
279 28.3 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. -0.003 min
Lab File: BM034899.D
Acq: 03 May 2022 20:09

Tgt Ion:276 Resp: 15120
Ion Ratio Lower Upper
276 100
138 26.4 17.4 26.0#
277 25.2 22.6 33.8

