

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010422\
 Data File : BM033624.D
 Acq On : 04 Jan 2022 14:11
 Operator : CG/JU
 Sample : SST0.839
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8039

Quant Time: Jan 04 14:54:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 04 14:17:24 2022
 Response via : Initial Calibration

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

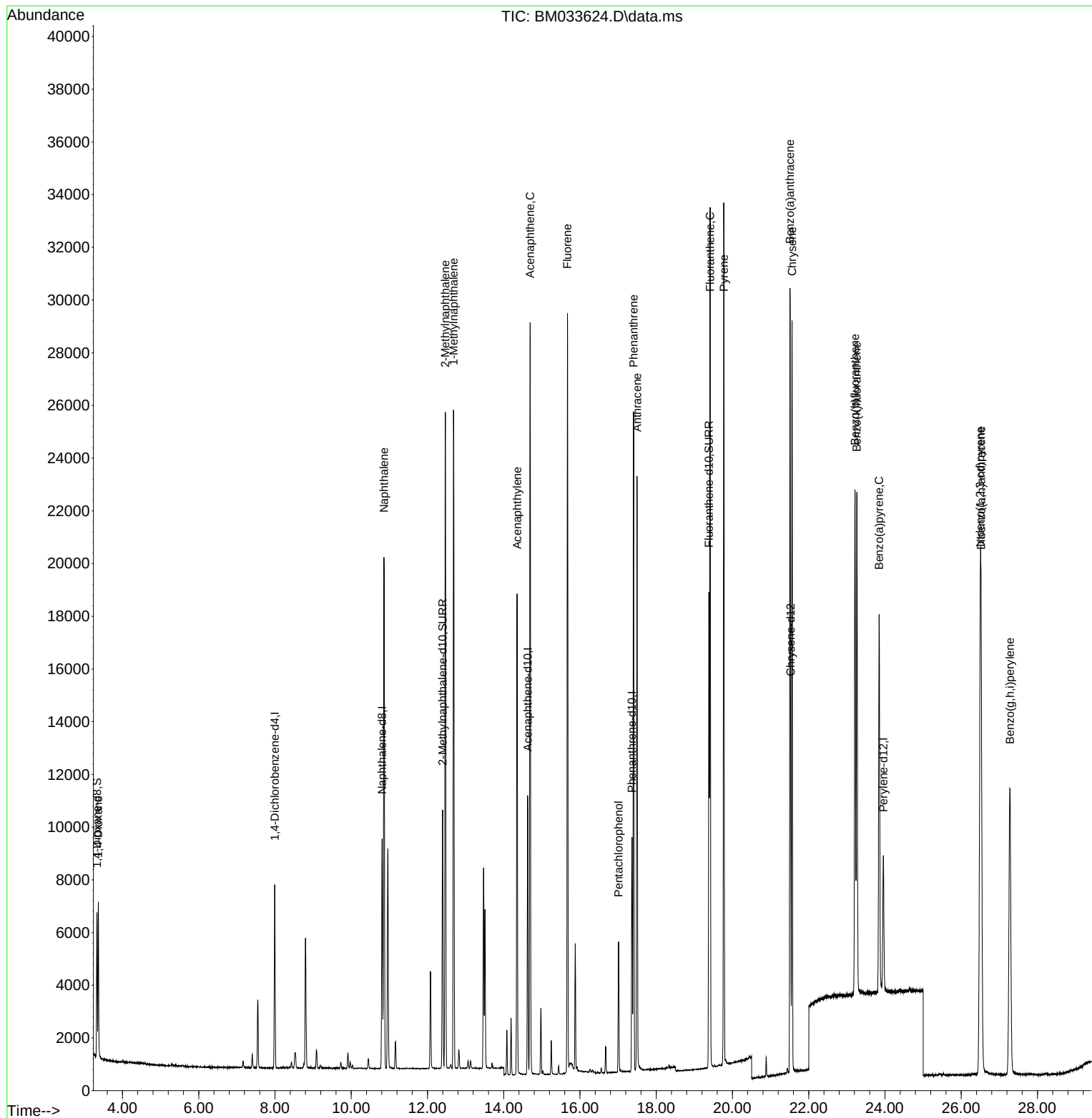
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	3390	0.400	ng/ul	0.00
4) Naphthalene-d8	10.809	136	11100	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.628	164	5478	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	9785	0.400	ng/ul	0.00
17) Chrysene-d12	21.525	240	7121	0.400	ng/ul #	0.00
23) Perylene-d12	23.957	264	7176	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3054	1.055	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	12002	0.809	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	17543	1.065	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.365	88	3245	0.866	ng/ul#	77
5) Naphthalene	10.858	128	25542	0.696	ng/ul#	87
7) 2-Methylnaphthalene	12.468	142	16478	0.659	ng/ul	100
8) 1-Methylnaphthalene	12.684	142	16111	0.691	ng/ul	100
10) Acenaphthylene	14.352	152	20288	0.691	ng/ul#	89
11) Acenaphthene	14.693	153	16160	0.722	ng/ul	96
12) Fluorene	15.671	166	19738	0.797	ng/ul#	96
14) Pentachlorophenol	17.014	266	3110	0.634	ng/ul	97
15) Phenanthrene	17.406	178	25516	0.804	ng/ul	94
16) Anthracene	17.496	178	23491	0.789	ng/ul#	91
19) Fluoranthene	19.413	202	26847	1.228	ng/ul	98
20) Pyrene	19.772	202	26604	1.164	ng/ul#	92
21) Benzo(a)anthracene	21.511	228	23449	1.199	ng/ul	97
22) Chrysene	21.564	228	24030	1.089	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	25298	1.115	ng/ul	89
25) Benzo(k)fluoranthene	23.262	252	24889	1.045	ng/ul#	88
26) Benzo(a)pyrene	23.848	252	21852	1.040	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.499	276	28845	0.991	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.523	278	22965	0.983	ng/ul#	88
29) Benzo(g,h,i)perylene	27.276	276	24794	0.965	ng/ul	91

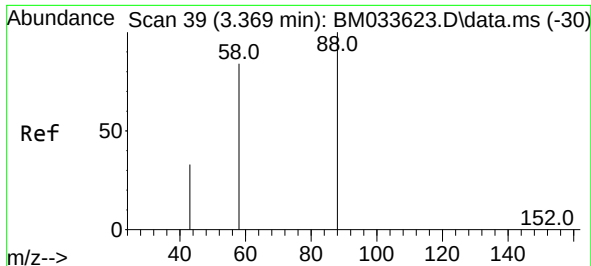
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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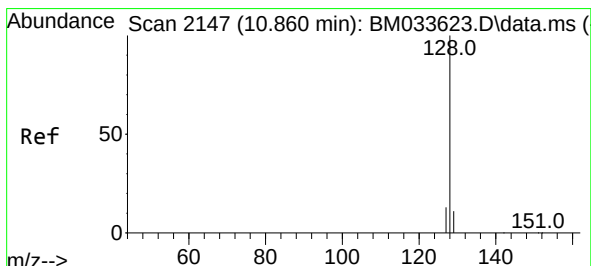
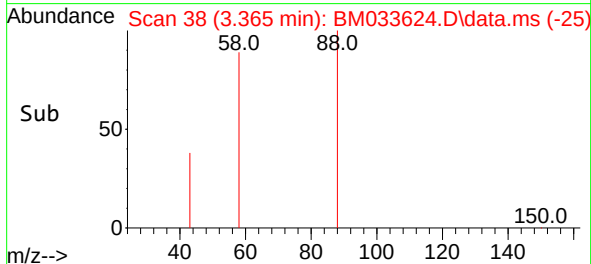
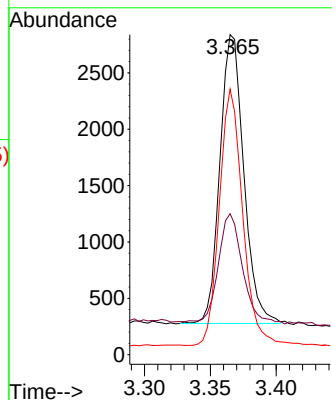
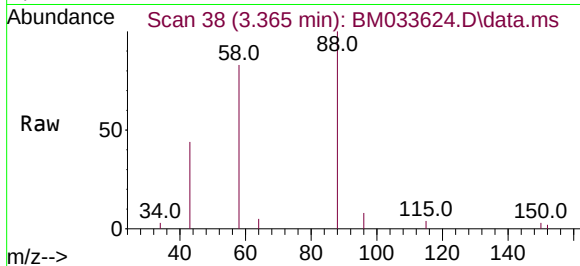




#2
1,4-Dioxane
Concen: 0.866 ng/ul
RT: 3.365 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

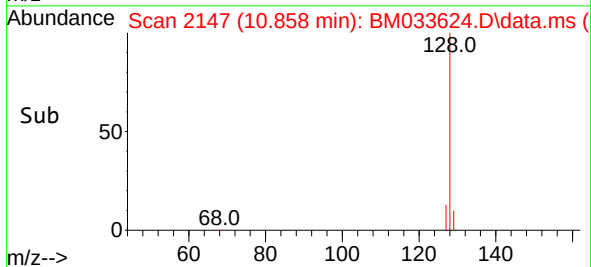
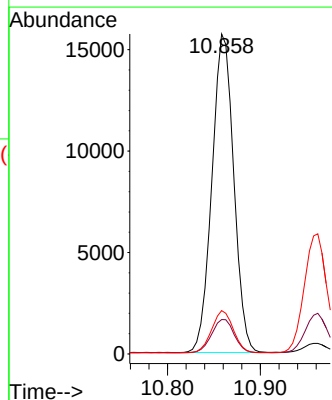
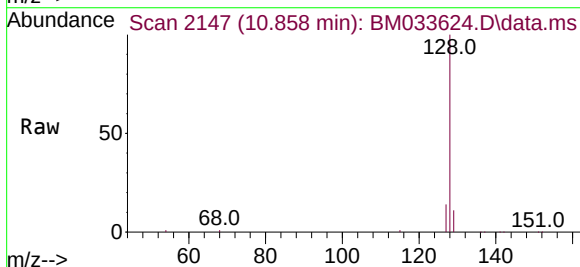
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

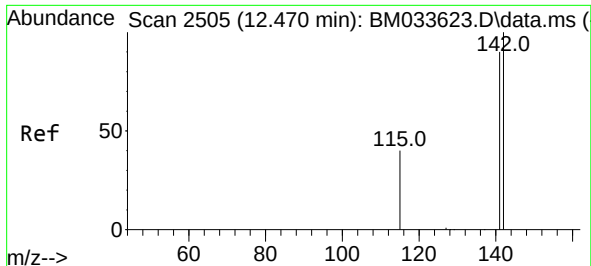
Tgt Ion: 88 Resp: 3245
Ion Ratio Lower Upper
88 100
43 44.1 49.7 74.5#
58 83.0 52.5 78.7#



#5
Naphthalene
Concen: 0.696 ng/ul
RT: 10.858 min Scan# 2147
Delta R.T. -0.001 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

Tgt Ion: 128 Resp: 25542
Ion Ratio Lower Upper
128 100
129 10.8 13.4 20.2#
127 13.5 15.2 22.8#

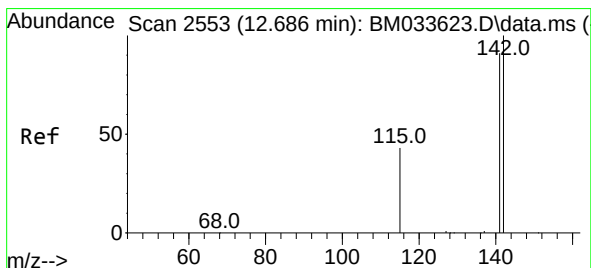
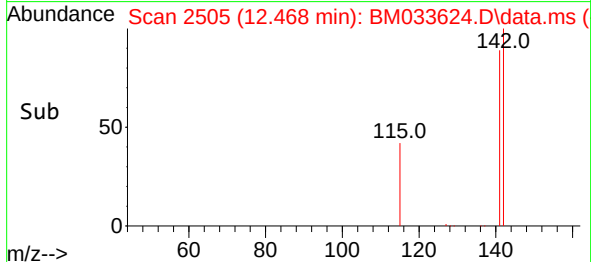
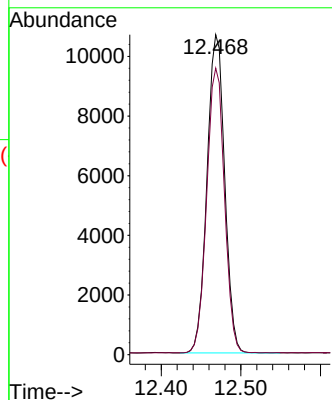
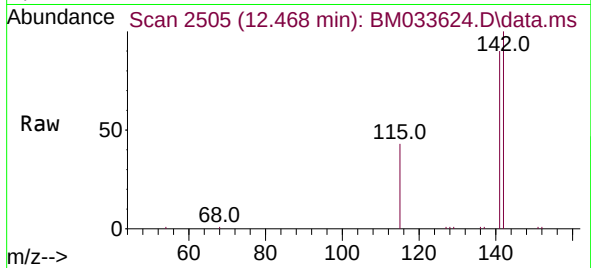




#7
2-Methylnaphthalene
Concen: 0.659 ng/ul
RT: 12.468 min Scan# 2505
Delta R.T. -0.001 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

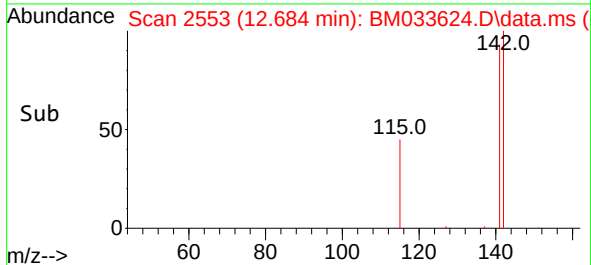
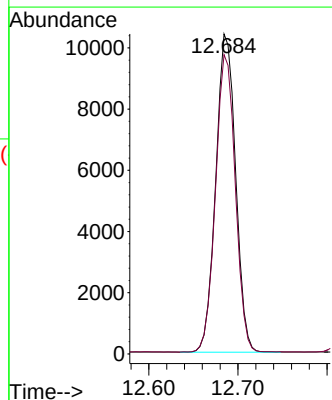
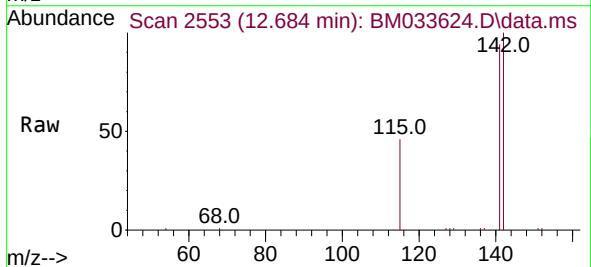
Instrument : BNA_M
ClientSampleId : SST00.8039

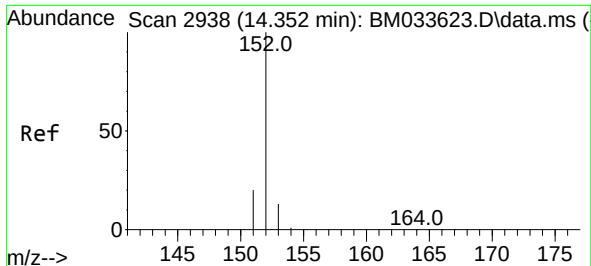
Tgt Ion:142 Resp: 16478
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.691 ng/ul
RT: 12.684 min Scan# 2553
Delta R.T. -0.001 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

Tgt Ion:142 Resp: 16111
Ion Ratio Lower Upper
142 100
141 93.3 75.0 112.4

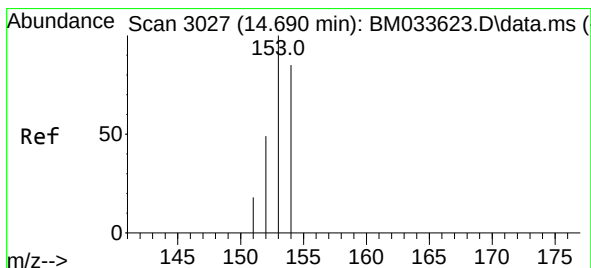
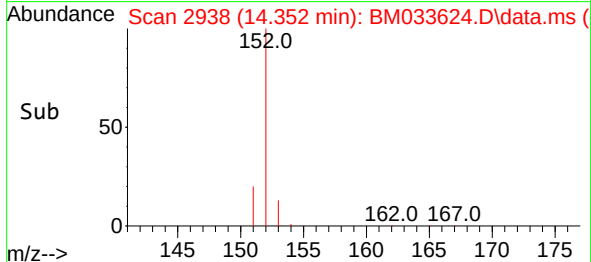
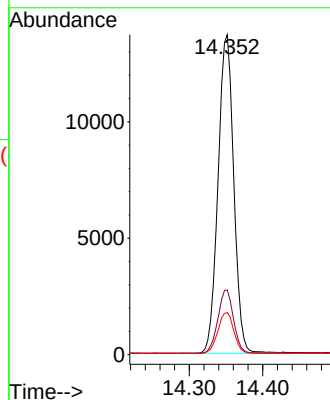
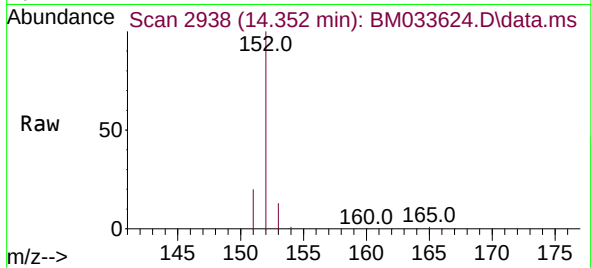




#10
Acenaphthylene
Concen: 0.691 ng/ul
RT: 14.352 min Scan# 2938
Delta R.T. -0.001 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

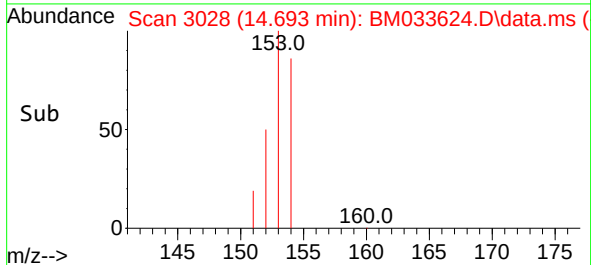
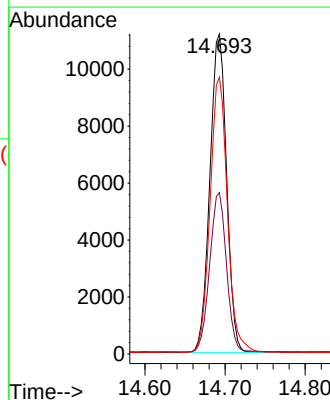
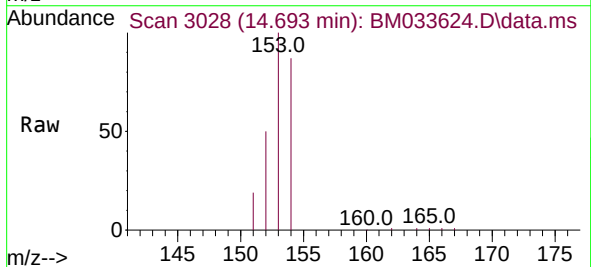
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

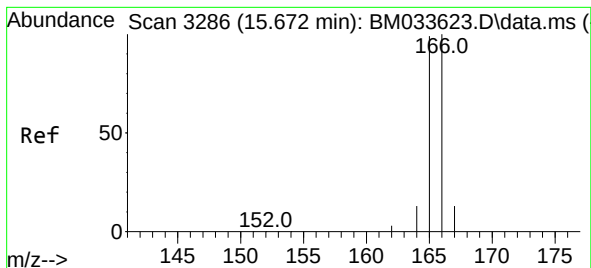
Tgt Ion:152 Resp: 20288
Ion Ratio Lower Upper
152 100
151 20.2 19.9 29.9
153 13.2 15.0 22.4#



#11
Acenaphthene
Concen: 0.722 ng/ul
RT: 14.693 min Scan# 3028
Delta R.T. 0.003 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

Tgt Ion:153 Resp: 16160
Ion Ratio Lower Upper
153 100
152 50.5 42.4 63.6
154 86.5 66.2 99.2





#12

Fluorene

Concen: 0.797 ng/ul

RT: 15.671 min Scan# 31

Delta R.T. -0.001 min

Lab File: BM033624.D

Acq: 04 Jan 2022 14:11

Instrument :

BNA_M

ClientSampleId :

SSTD0.8039

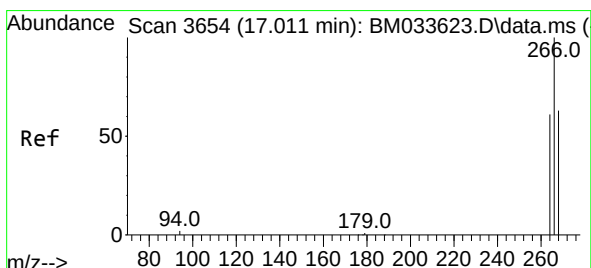
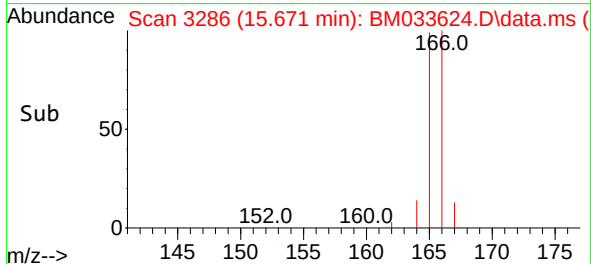
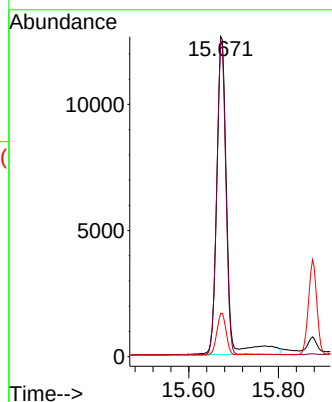
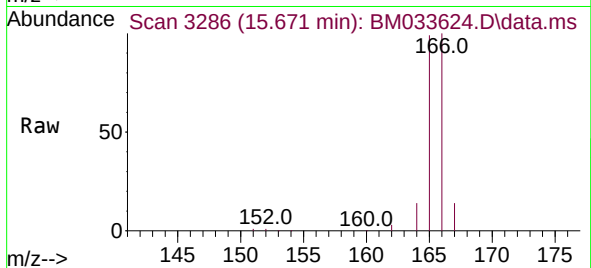
Tgt Ion:166 Resp: 19738

Ion Ratio Lower Upper

166 100

165 98.8 81.1 121.7

167 13.6 14.9 22.3#



#14

Pentachlorophenol

Concen: 0.634 ng/ul

RT: 17.014 min Scan# 3655

Delta R.T. 0.003 min

Lab File: BM033624.D

Acq: 04 Jan 2022 14:11

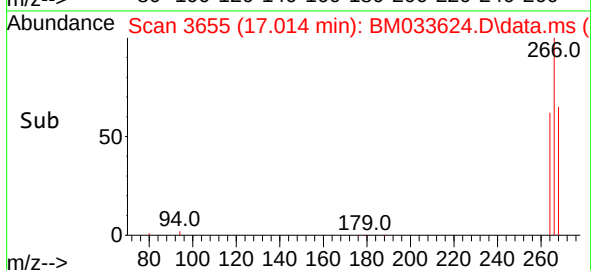
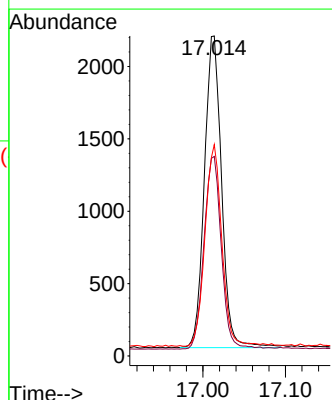
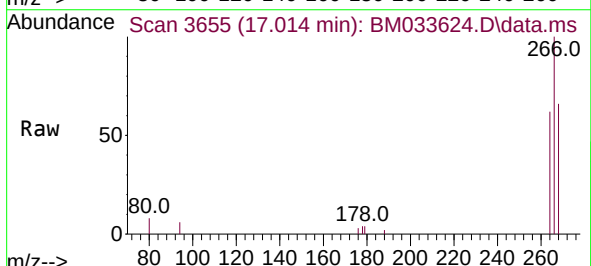
Tgt Ion:266 Resp: 3110

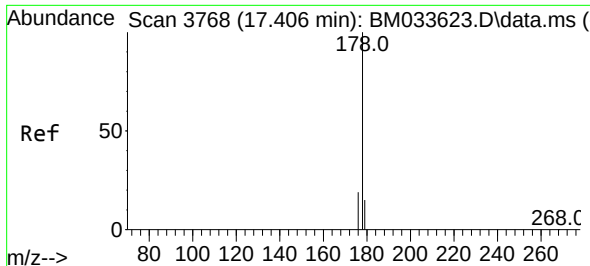
Ion Ratio Lower Upper

266 100

264 62.4 51.4 77.0

268 63.9 53.1 79.7

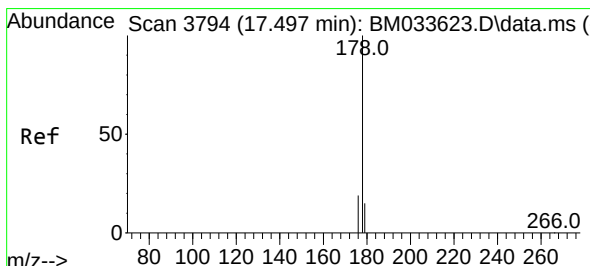
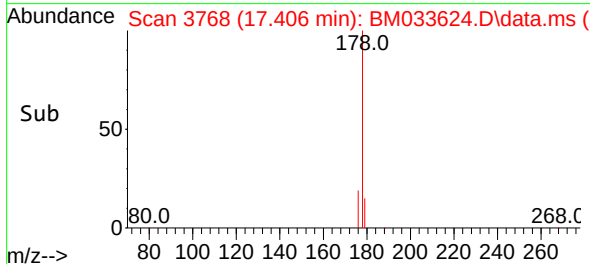
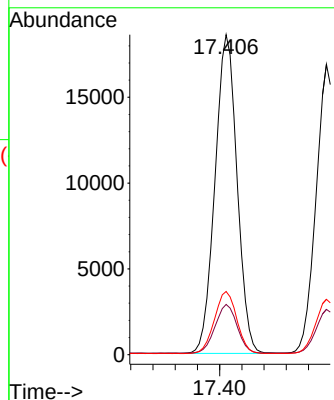
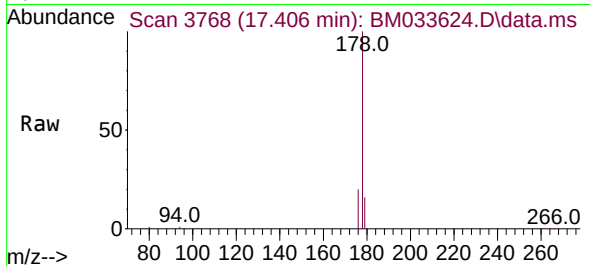




#15
Phenanthrene
Concen: 0.804 ng/ul
RT: 17.406 min Scan# 3768
Delta R.T. -0.001 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

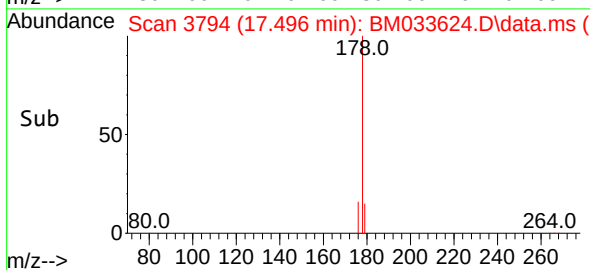
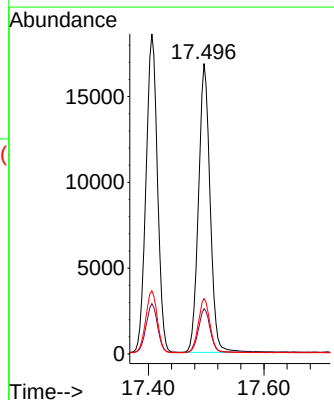
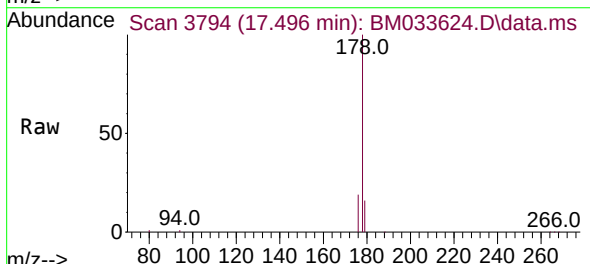
Instrument :
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SSTD0.8039

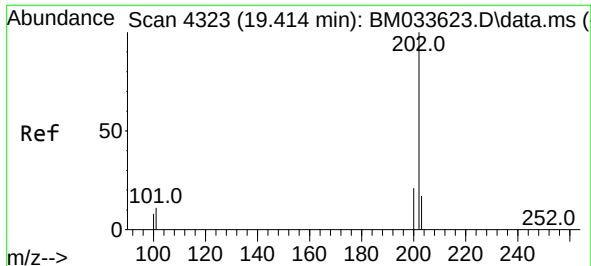
Tgt Ion:	178	Resp:	25516
Ion Ratio	Lower	Upper	
178	100		
179	15.7	15.0	22.6
176	19.8	17.9	26.9



#16
Anthracene
Concen: 0.789 ng/ul
RT: 17.496 min Scan# 3794
Delta R.T. -0.001 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

Tgt Ion:	178	Resp:	23491
Ion Ratio	Lower	Upper	
178	100		
179	15.6	16.5	24.7#
176	19.1	18.3	27.5

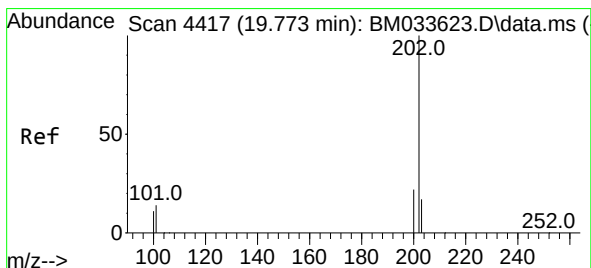
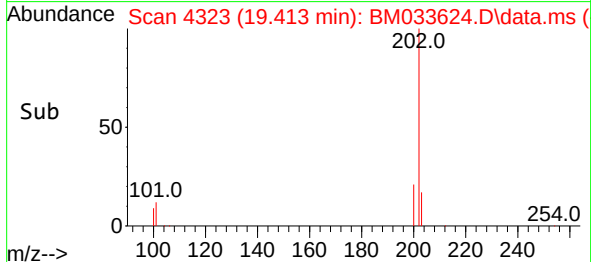
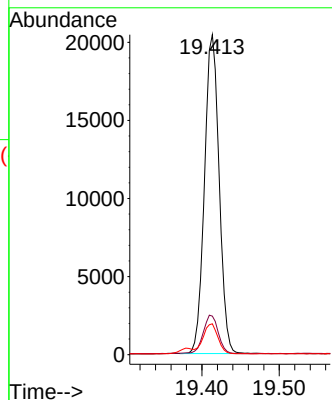
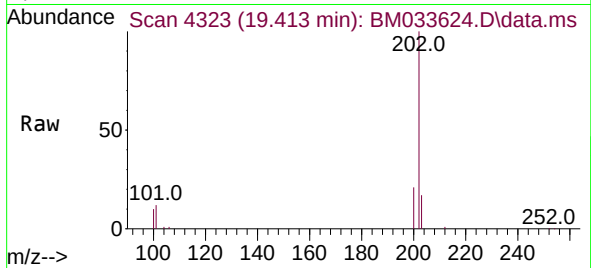




#19
Fluoranthene
Concen: 1.228 ng/ul
RT: 19.413 min Scan# 41
Delta R.T. -0.001 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

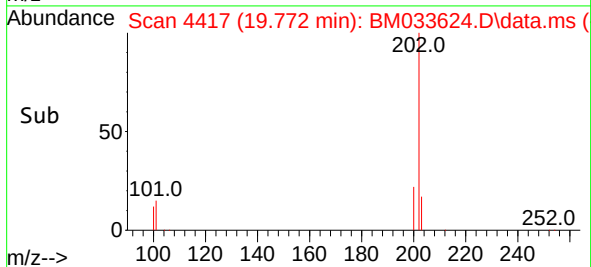
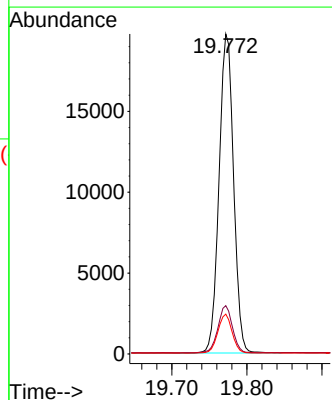
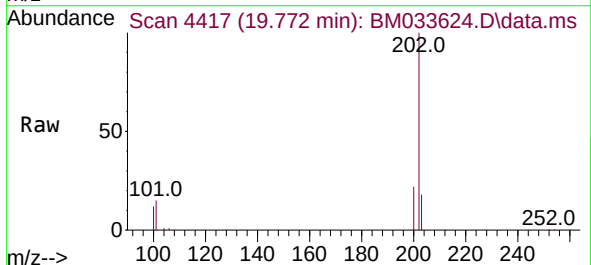
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ClientSampleId :
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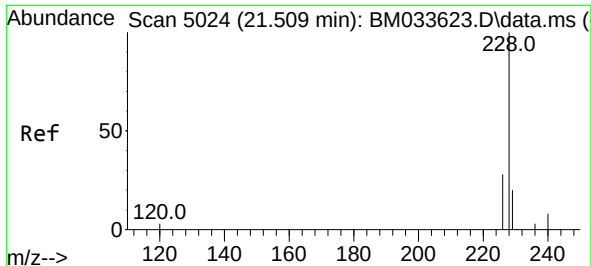
Tgt Ion:202 Resp: 26847
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
100 9.7 7.2 10.8



#20
Pyrene
Concen: 1.164 ng/ul
RT: 19.772 min Scan# 4417
Delta R.T. -0.001 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

Tgt Ion:202 Resp: 26604
Ion Ratio Lower Upper
202 100
101 15.1 9.3 13.9#
100 12.5 7.8 11.6#

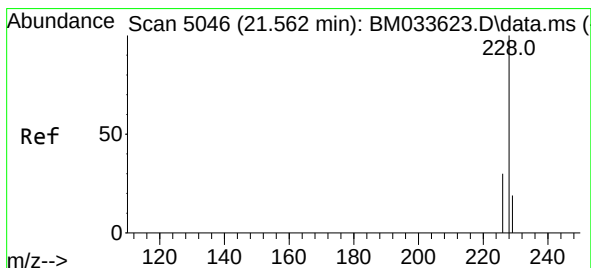
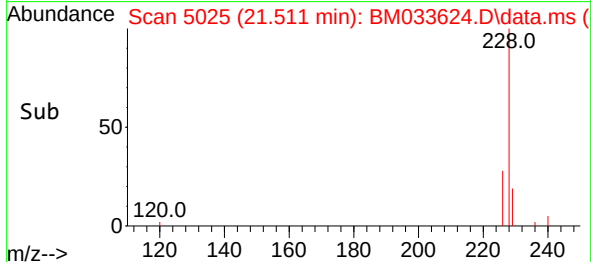
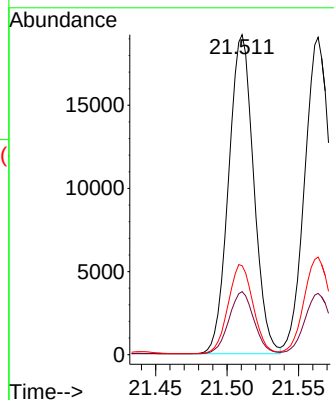
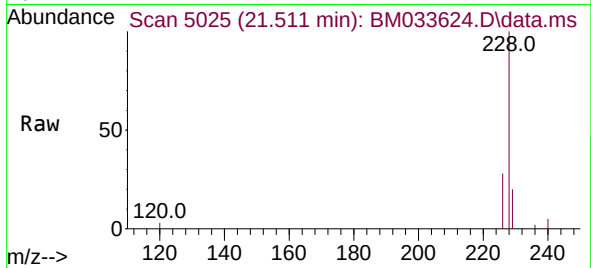




#21
Benzo(a)anthracene
Concen: 1.199 ng/ul
RT: 21.511 min Scan# 5024
Delta R.T. 0.002 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

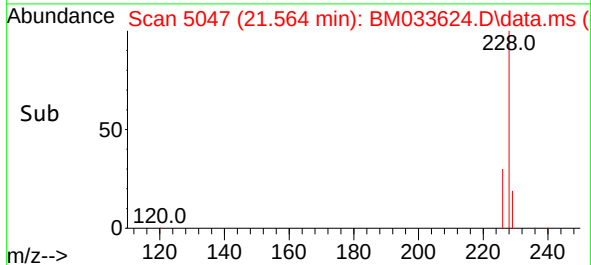
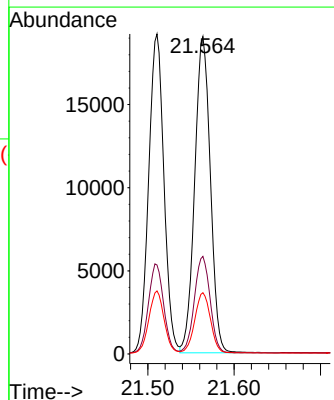
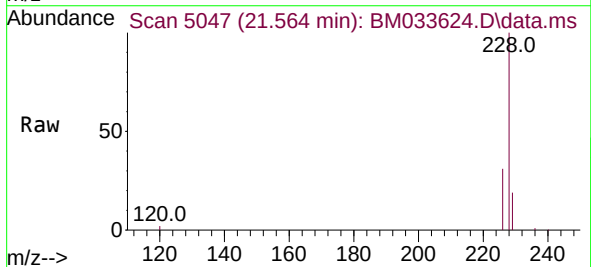
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

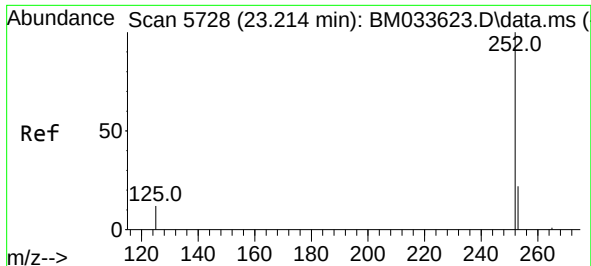
Tgt Ion:228 Resp: 23449
Ion Ratio Lower Upper
228 100
229 19.7 17.3 25.9
226 27.8 23.2 34.8



#22
Chrysene
Concen: 1.089 ng/ul
RT: 21.564 min Scan# 5047
Delta R.T. 0.002 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

Tgt Ion:228 Resp: 24030
Ion Ratio Lower Upper
228 100
226 30.8 25.8 38.8
229 19.3 16.7 25.1

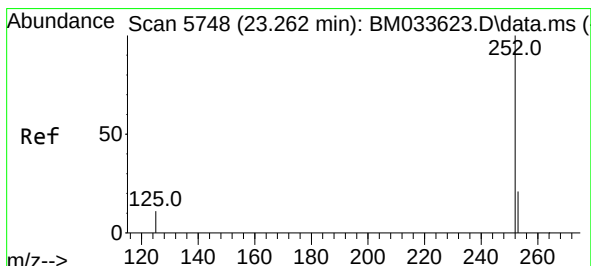
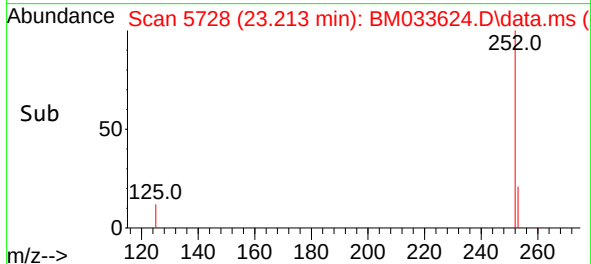
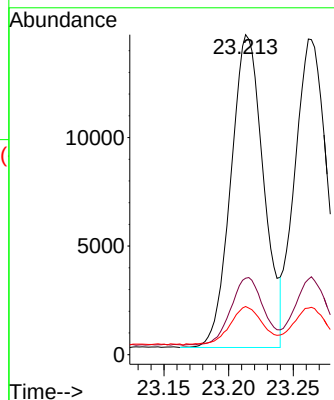
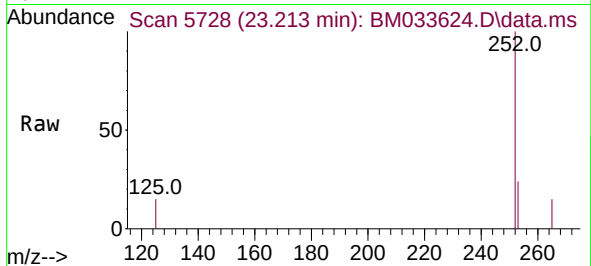




#24
Benzo(b)fluoranthene
Concen: 1.115 ng/ul
RT: 23.213 min Scan# 51
Delta R.T. -0.001 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

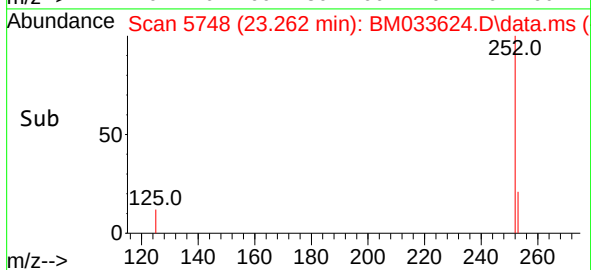
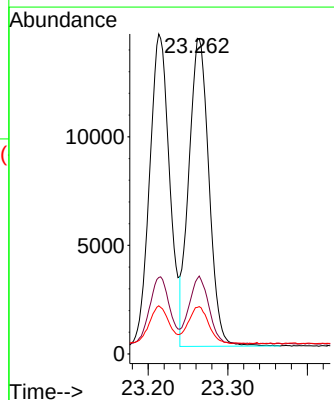
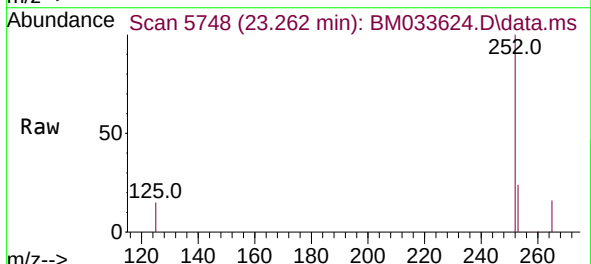
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

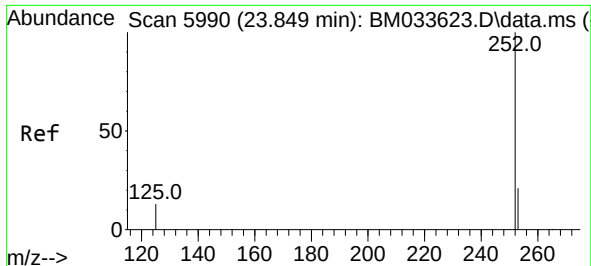
Tgt Ion:252 Resp: 25298
Ion Ratio Lower Upper
252 100
253 23.9 0.0 64.2
125 15.1 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 1.045 ng/ul
RT: 23.262 min Scan# 5748
Delta R.T. -0.001 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

Tgt Ion:252 Resp: 24889
Ion Ratio Lower Upper
252 100
253 23.9 26.8 40.2#
125 14.7 12.0 18.0

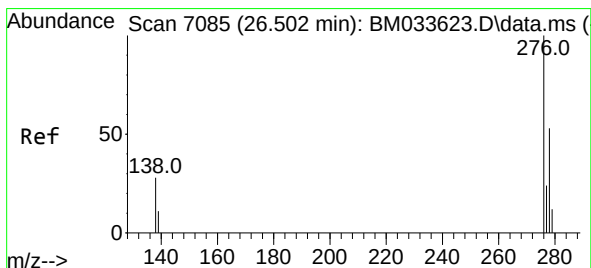
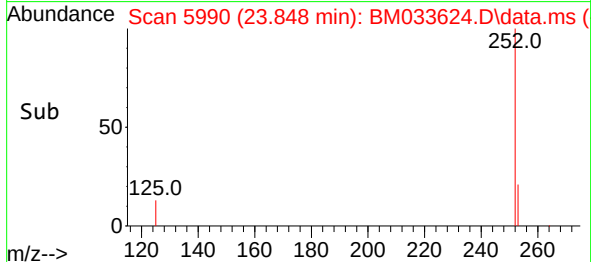
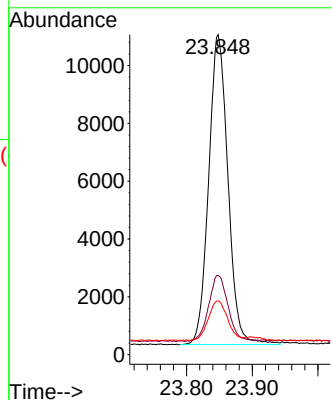
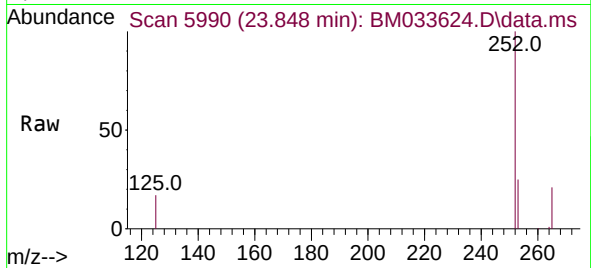




#26
Benzo(a)pyrene
Concen: 1.040 ng/ul
RT: 23.848 min Scan# 5990
Delta R.T. -0.001 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

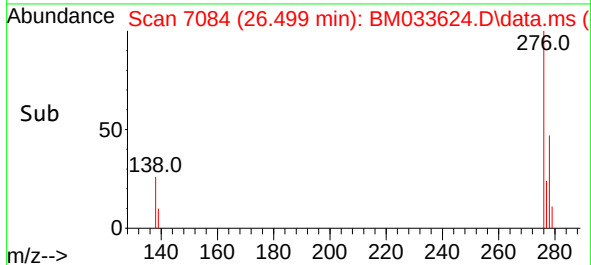
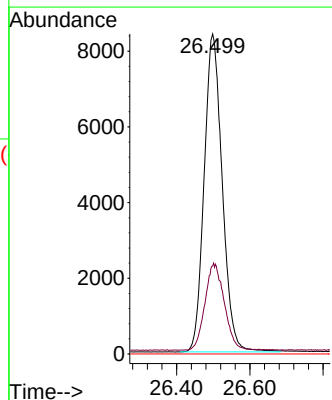
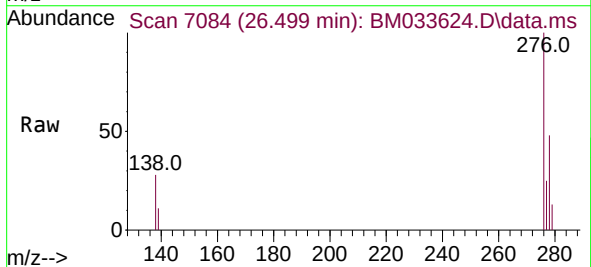
Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

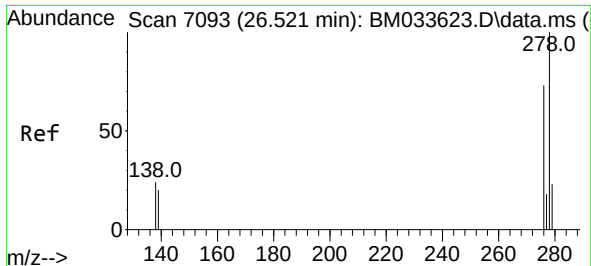
Tgt Ion:252 Resp: 21852
Ion Ratio Lower Upper
252 100
253 24.8 32.0 48.0#
125 16.8 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.991 ng/ul
RT: 26.499 min Scan# 7084
Delta R.T. -0.003 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

Tgt Ion:276 Resp: 28845
Ion Ratio Lower Upper
276 100
138 28.7 15.8 23.6#
227 0.0 0.0 0.0

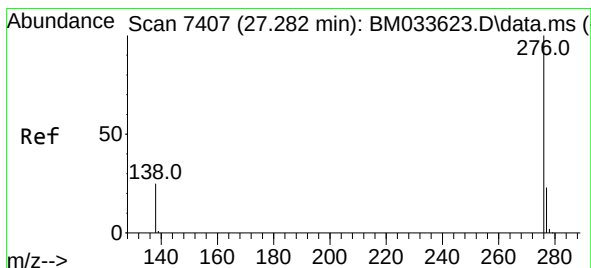
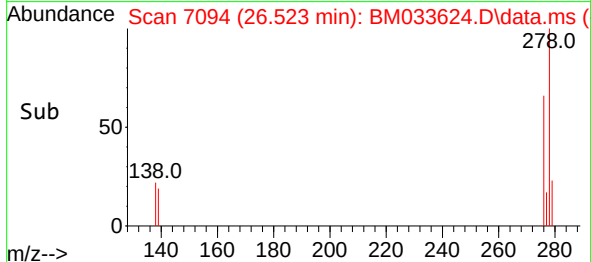
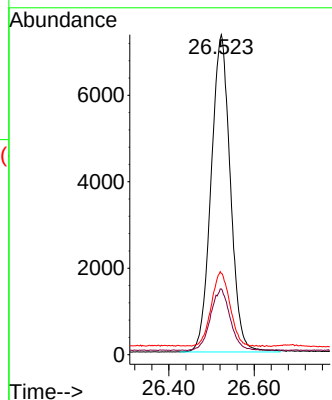
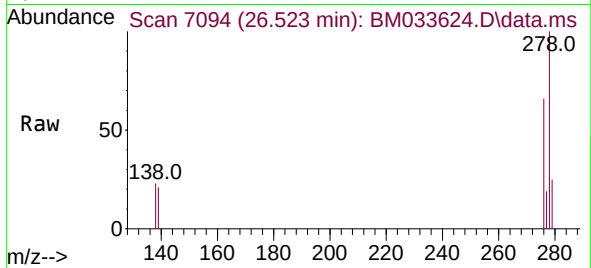




#28
Dibenzo(a,h)anthracene
Concen: 0.983 ng/ul
RT: 26.523 min Scan# 7093
Delta R.T. 0.002 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

Instrument :
BNA_M
ClientSampleId :
SSTD0.8039

Tgt Ion:278 Resp: 22965
Ion Ratio Lower Upper
278 100
139 20.6 18.0 27.0
279 25.4 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.965 ng/ul
RT: 27.276 min Scan# 7405
Delta R.T. -0.006 min
Lab File: BM033624.D
Acq: 04 Jan 2022 14:11

Tgt Ion:276 Resp: 24794
Ion Ratio Lower Upper
276 100
138 25.8 17.4 26.0
277 23.7 22.6 33.8

