

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037409.D
 Acq On : 08 Nov 2022 02:14
 Operator : CG/JU
 Sample : N5408-14MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4Z2MSD

Quant Time: Nov 08 03:21:24 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:30:18 2022
 Response via : Initial Calibration

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

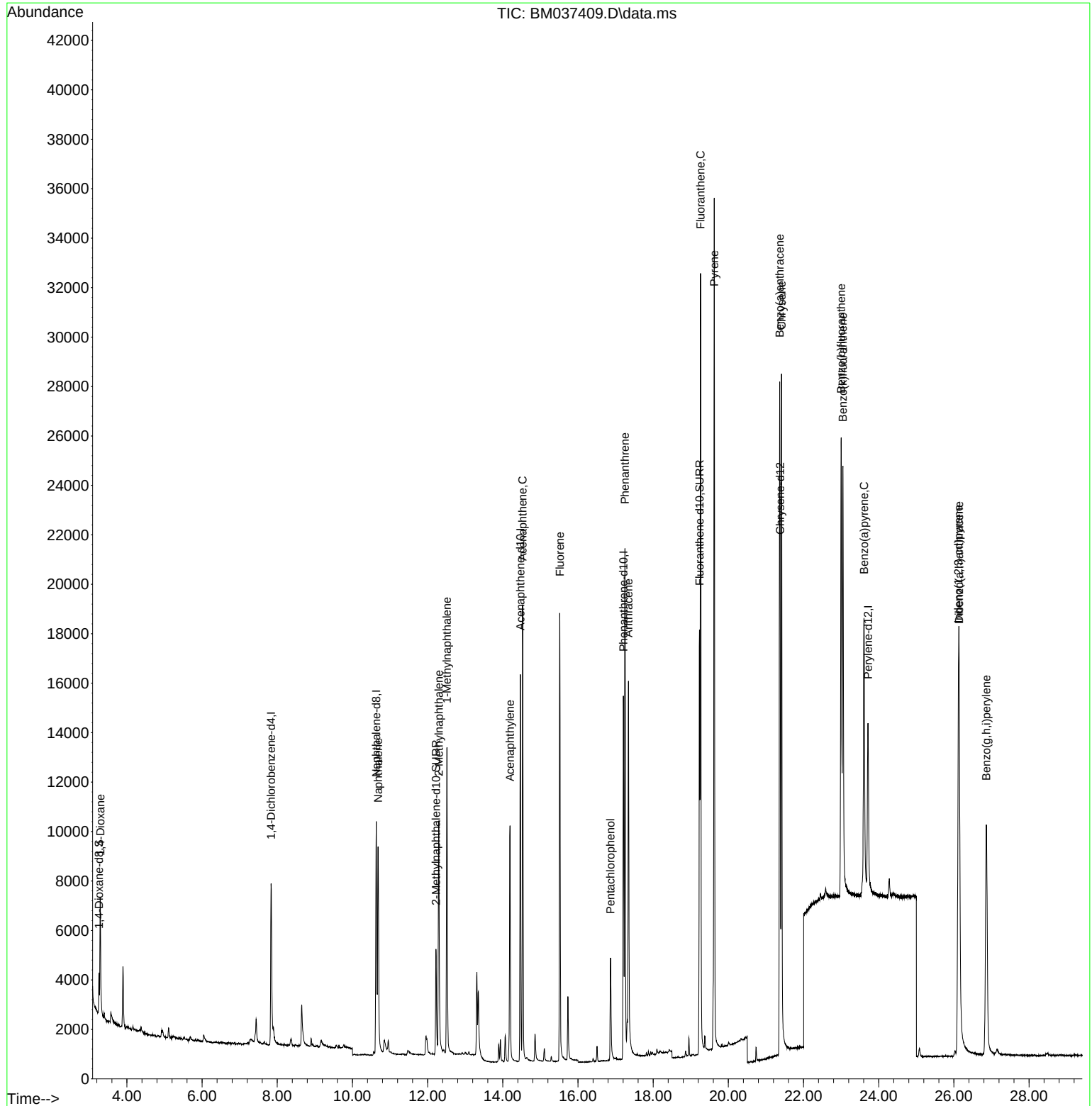
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	4478	0.400	ng/ul	0.00
4) Naphthalene-d8	10.633	136	14493	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.468	164	8424	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	17497	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240	11836	0.400	ng/ul	0.00
23) Perylene-d12	23.715	264	9906	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	1169	0.206	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	6554	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.233	212	17623	0.476	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	3199	0.569	ng/ul#	90
5) Naphthalene	10.682	128	13161	0.313	ng/ul	98
7) 2-Methylnaphthalene	12.299	142	8098	0.308	ng/ul	96
8) 1-Methylnaphthalene	12.514	142	8795	0.325	ng/ul	99
10) Acenaphthylene	14.191	152	11678	0.326	ng/ul	100
11) Acenaphthene	14.529	153	10411	0.328	ng/ul	98
12) Fluorene	15.519	166	12257	0.338	ng/ul	99
14) Pentachlorophenol	16.866	266	3471	0.752	ng/ul	99
15) Phenanthrene	17.250	178	22120	0.369	ng/ul	100
16) Anthracene	17.343	178	18321	0.375	ng/ul	99
19) Fluoranthene	19.261	202	27363	0.488	ng/ul	97
20) Pyrene	19.624	202	28644	0.488	ng/ul	100
21) Benzo(a)anthracene	21.365	228	22202	0.435	ng/ul	100
22) Chrysene	21.415	228	24378	0.428	ng/ul	100
24) Benzo(b)fluoranthene	23.002	252	24836	0.437	ng/ul	97
25) Benzo(k)fluoranthene	23.049	252	23516	0.432	ng/ul	98
26) Benzo(a)pyrene	23.610	252	19738	0.415	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.121	276	25113	0.397	ng/ul	98
28) Dibenzo(a,h)anthracene	26.142	278	19400	0.398	ng/ul	97
29) Benzo(g,h,i)perylene	26.863	276	21659	0.396	ng/ul	98

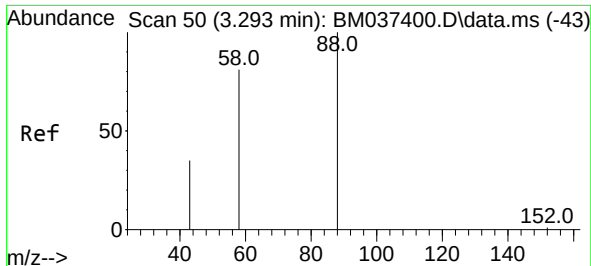
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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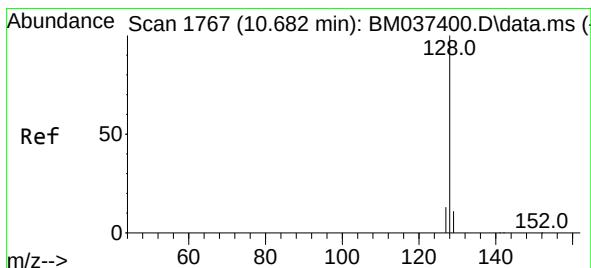
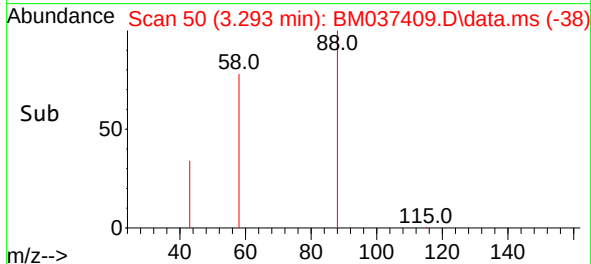
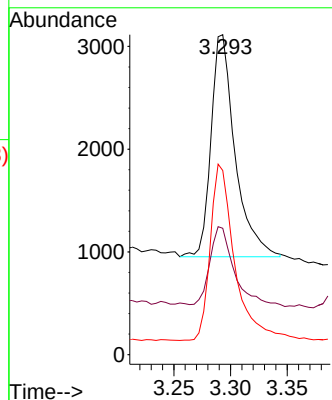
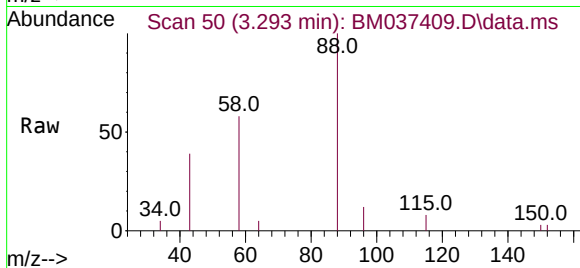




#2
 1,4-Dioxane
 Concen: 0.569 ng/ul
 RT: 3.293 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BM037409.D
 Acq: 08 Nov 2022 02:14

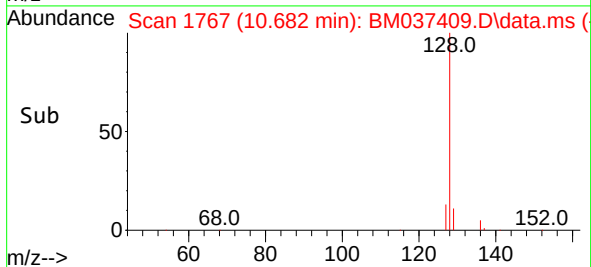
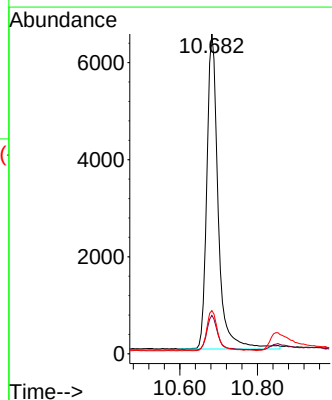
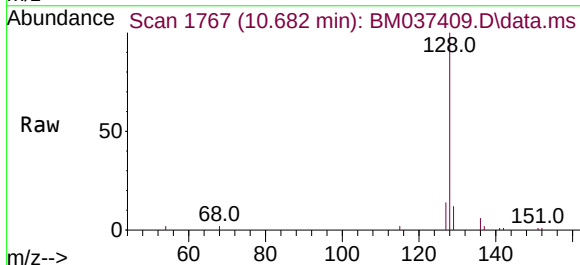
Instrument :
 BNA_M
 ClientSampleId :
 EW4Z2MSD

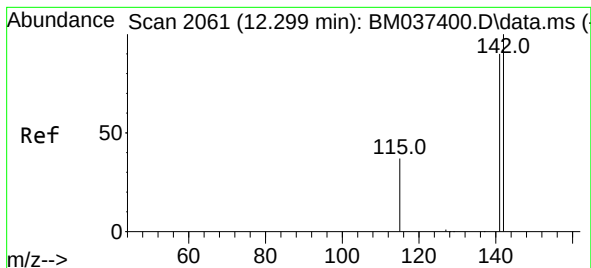
Tgt Ion: 88 Resp: 3199
 Ion Ratio Lower Upper
 88 100
 43 39.5 39.9 59.9#
 58 57.5 50.2 75.2



#5
 Naphthalene
 Concen: 0.313 ng/ul
 RT: 10.682 min Scan# 1767
 Delta R.T. -0.006 min
 Lab File: BM037409.D
 Acq: 08 Nov 2022 02:14

Tgt Ion: 128 Resp: 13161
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.2 13.8
 127 13.5 10.2 15.4

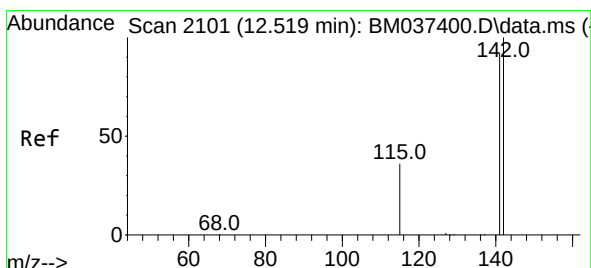
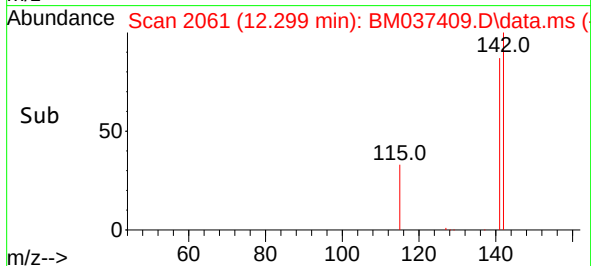
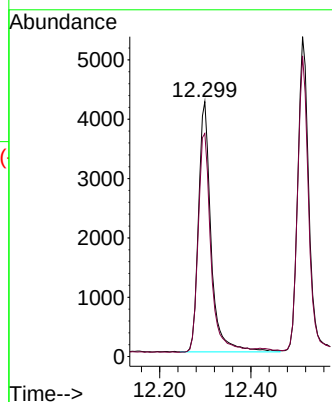
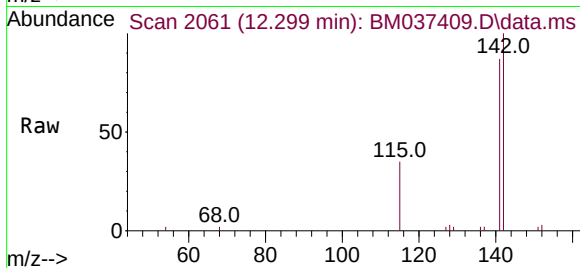




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

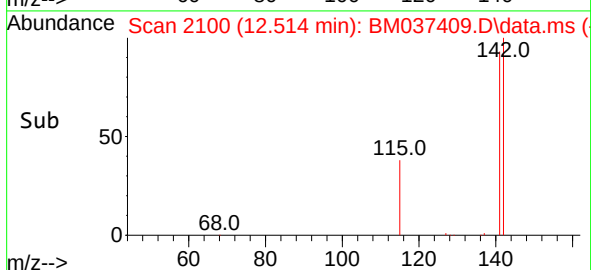
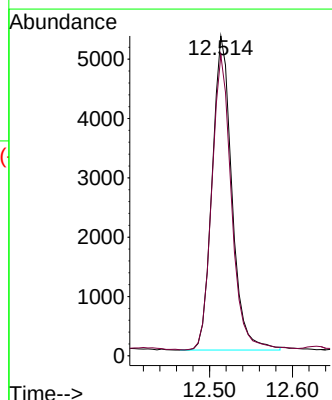
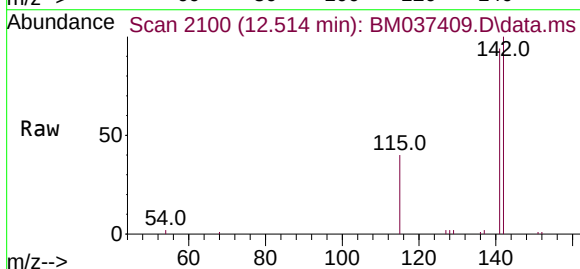
Instrument :
BNA_M
ClientSampleId :
EW4Z2MSD

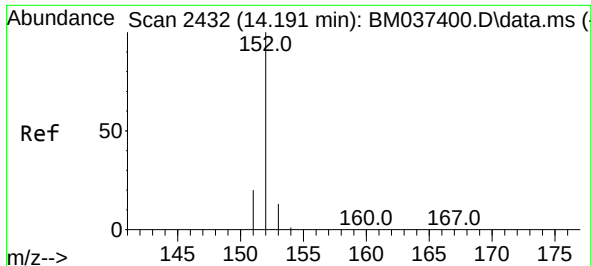
Tgt Ion:142 Resp: 8098
Ion Ratio Lower Upper
142 100
141 91.5 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

Tgt Ion:142 Resp: 8795
Ion Ratio Lower Upper
142 100
141 93.4 73.9 110.9

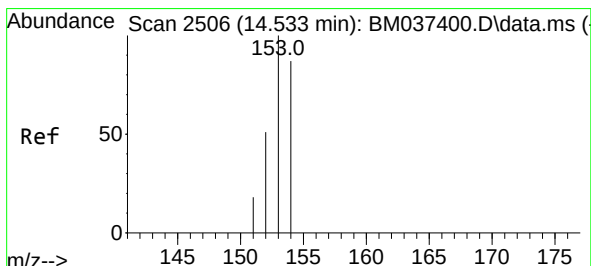
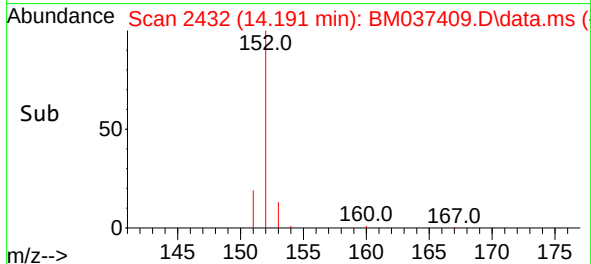
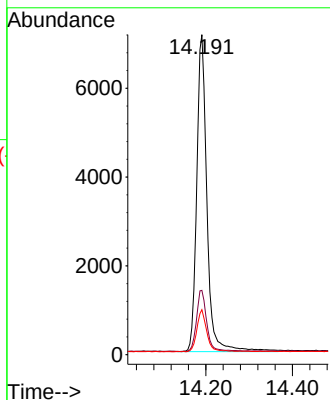
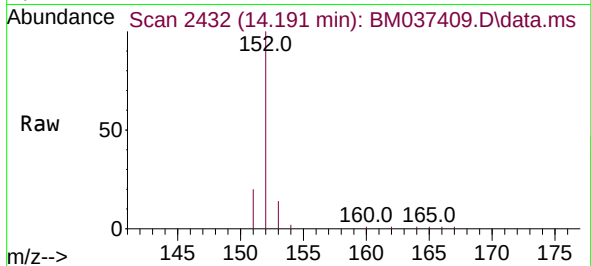




#10
Acenaphthylene
Concen: 0.326 ng/ul
RT: 14.191 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

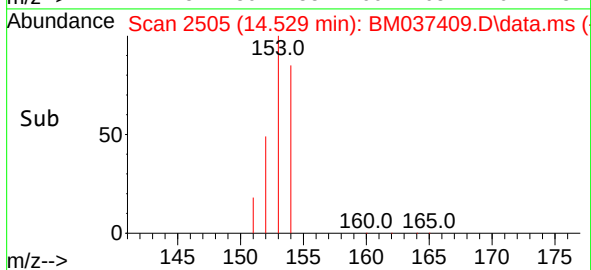
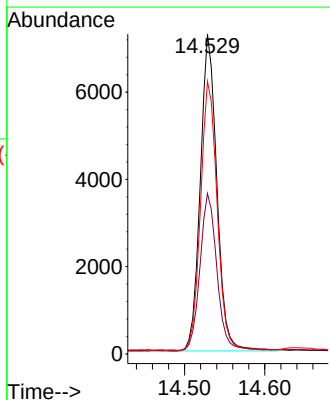
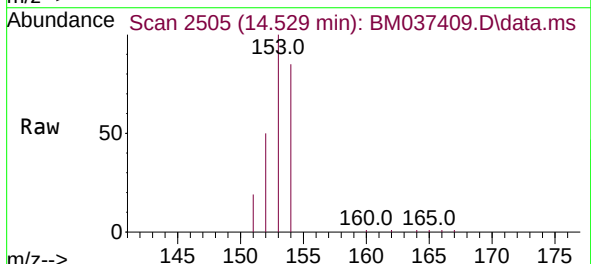
Instrument :
BNA_M
ClientSampleId :
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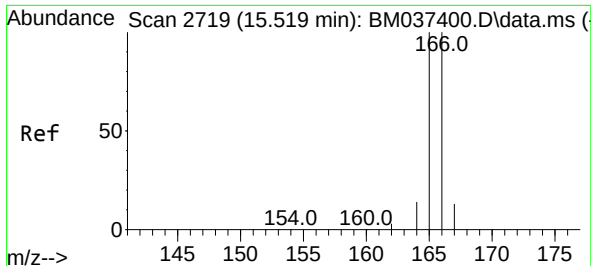
Tgt Ion:152 Resp: 11678
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 14.0 11.0 16.4



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

Tgt Ion:153 Resp: 10411
Ion Ratio Lower Upper
153 100
152 50.1 40.2 60.4
154 85.2 70.4 105.6

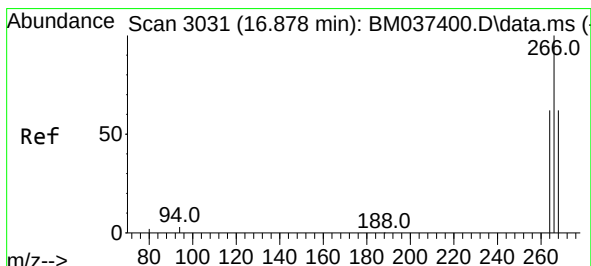
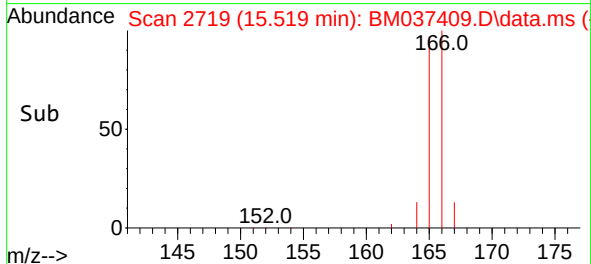
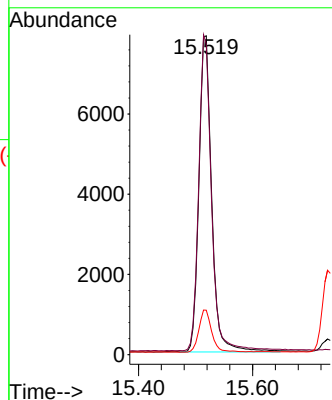
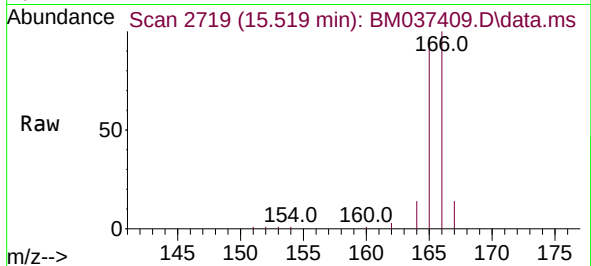




#12
Fluorene
Concen: 0.338 ng/ul
RT: 15.519 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

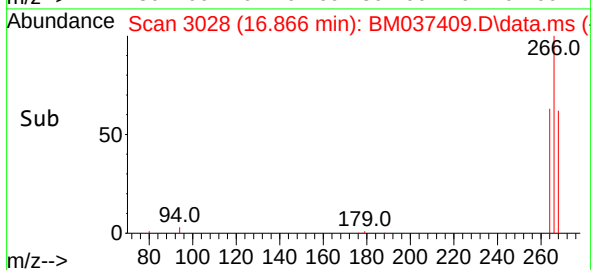
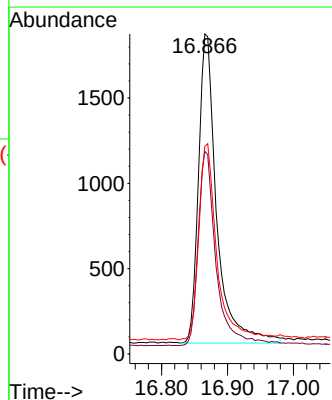
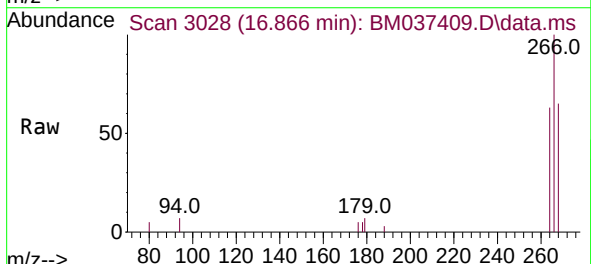
Instrument :
BNA_M
ClientSampleId :
EW4Z2MSD

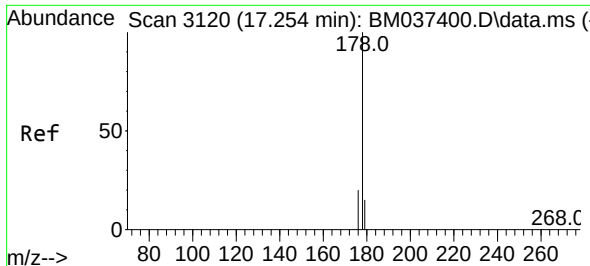
Tgt Ion:166 Resp: 12257
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.4
167 13.9 11.1 16.7



#14
Pentachlorophenol
Concen: 0.752 ng/ul
RT: 16.866 min Scan# 3028
Delta R.T. -0.013 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

Tgt Ion:266 Resp: 3471
Ion Ratio Lower Upper
266 100
264 62.0 49.9 74.9
268 64.1 51.9 77.9

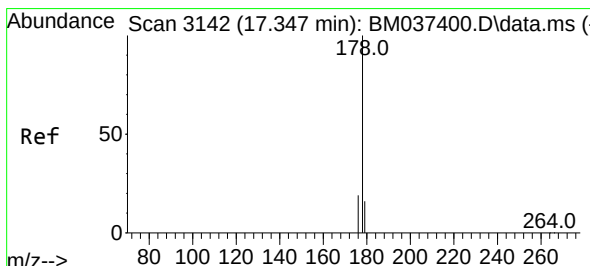
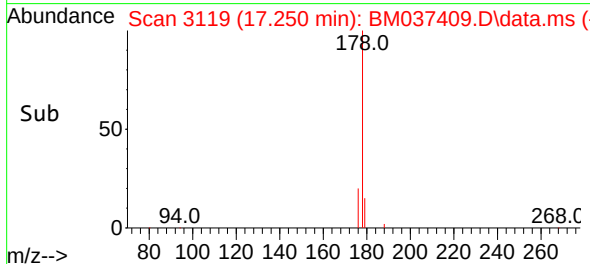
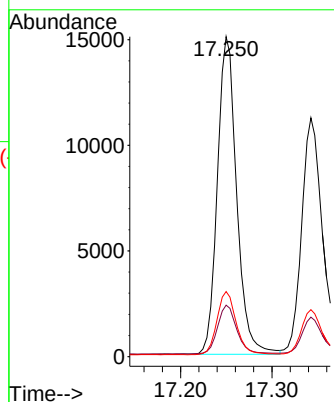
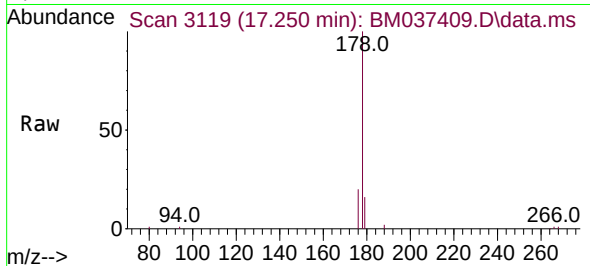




#15
Phenanthrene
Concen: 0.369 ng/ul
RT: 17.250 min Scan# 3119
Delta R.T. -0.009 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

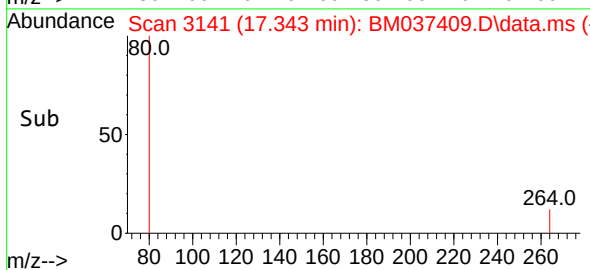
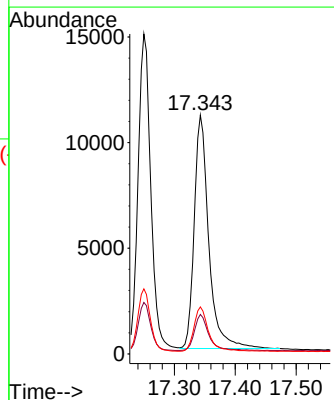
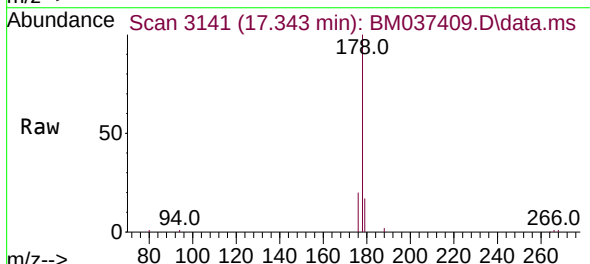
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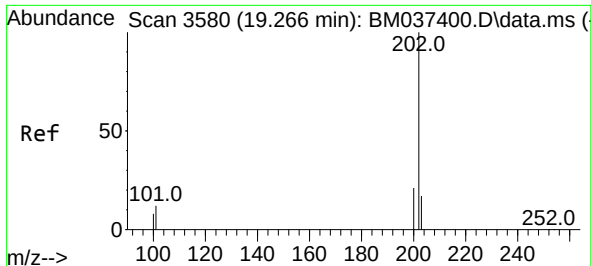
Tgt Ion:178 Resp: 22120
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 20.3 16.0 24.0



#16
Anthracene
Concen: 0.375 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

Tgt Ion:178 Resp: 18321
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.7 15.5 23.3

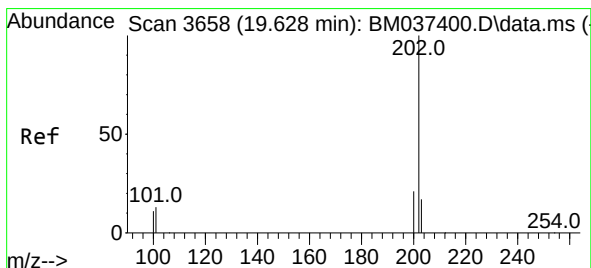
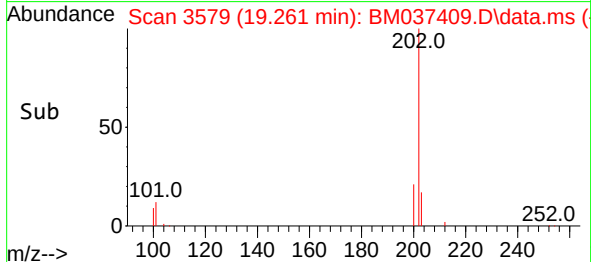
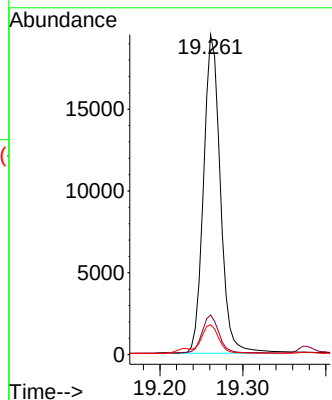
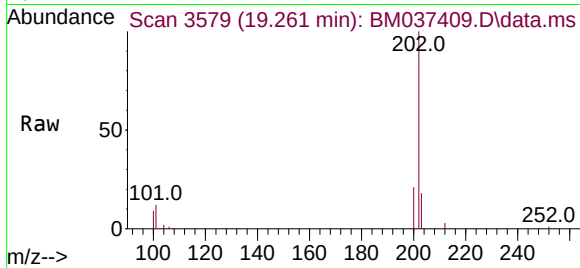




#19
Fluoranthene
Concen: 0.488 ng/ul
RT: 19.261 min Scan# 3579
Delta R.T. -0.009 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

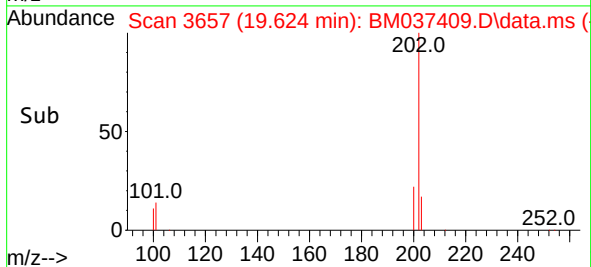
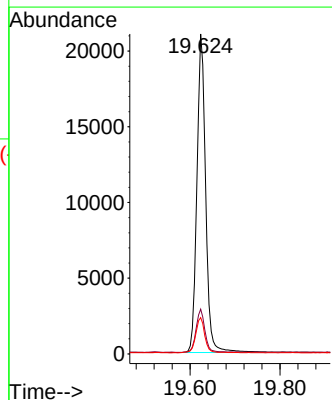
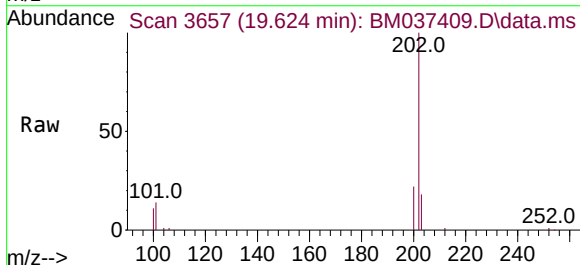
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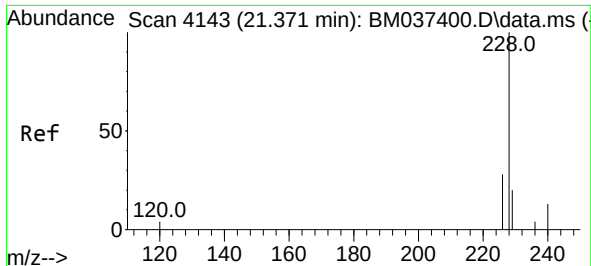
Tgt Ion:202 Resp: 27363
Ion Ratio Lower Upper
202 100
101 12.4 8.7 13.1
100 9.3 6.6 10.0



#20
Pyrene
Concen: 0.488 ng/ul
RT: 19.624 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

Tgt Ion:202 Resp: 28644
Ion Ratio Lower Upper
202 100
101 14.0 11.1 16.7
100 11.3 9.0 13.4

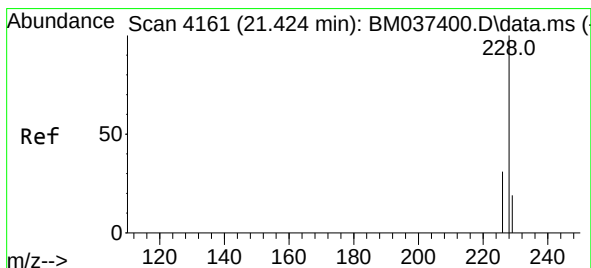
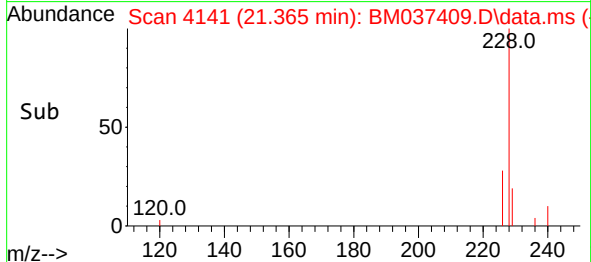
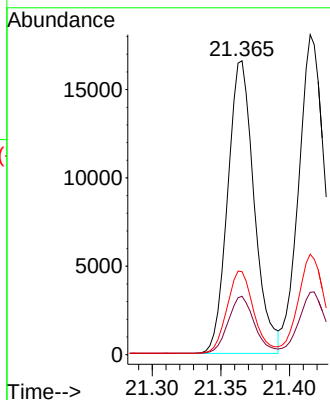
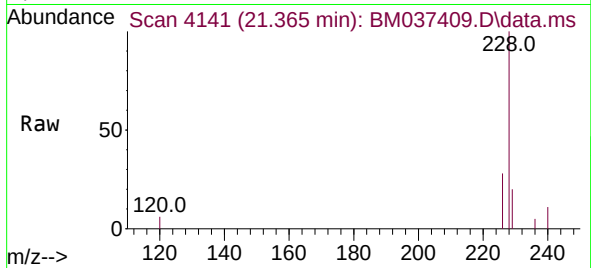




#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.365 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

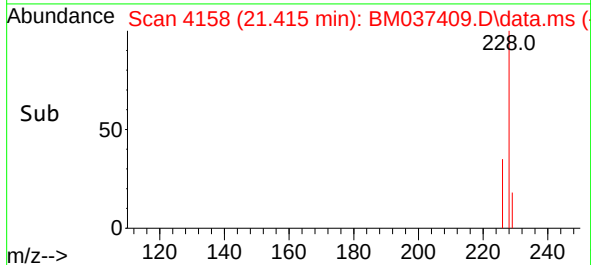
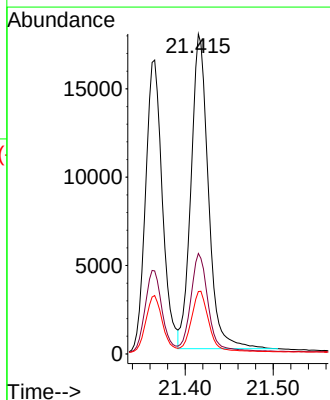
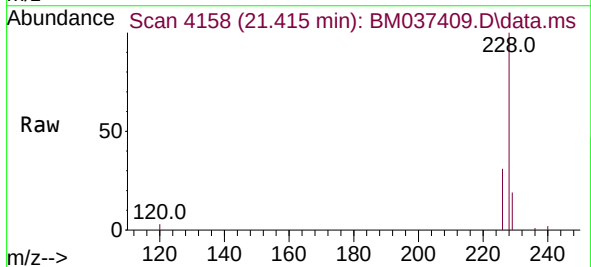
Instrument :
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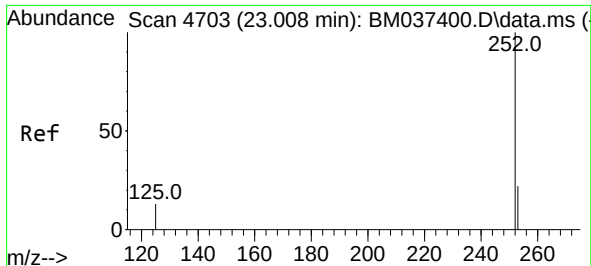
Tgt Ion:228 Resp: 22202
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.2 22.6 33.8



#22
Chrysene
Concen: 0.428 ng/ul
RT: 21.415 min Scan# 4158
Delta R.T. -0.009 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

Tgt Ion:228 Resp: 24378
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 19.5 15.6 23.4

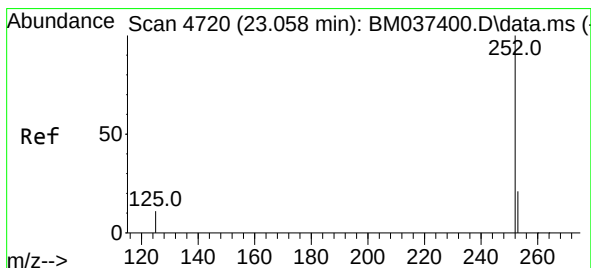
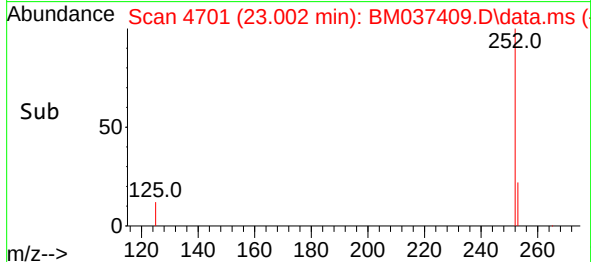
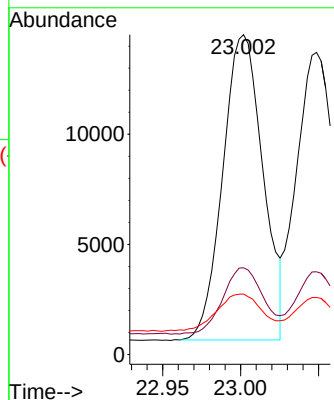
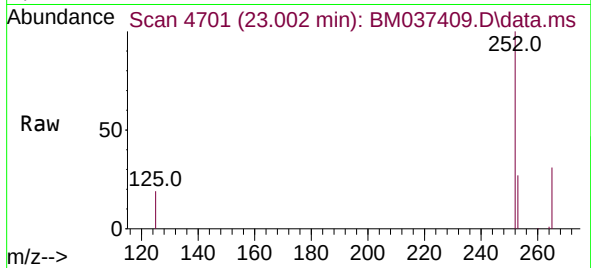




#24
Benzo(b)fluoranthene
Concen: 0.437 ng/ul
RT: 23.002 min Scan# 4717
Delta R.T. -0.009 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

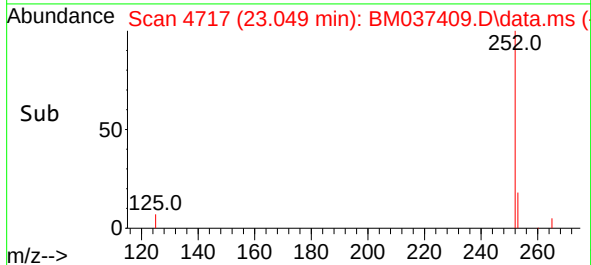
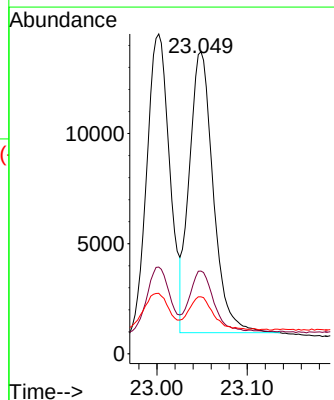
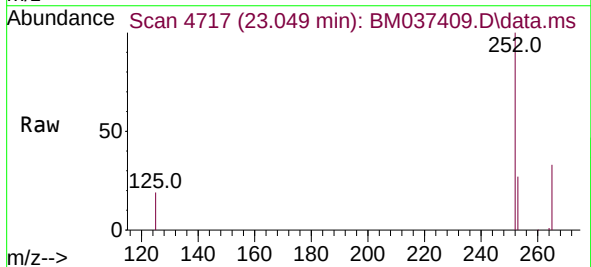
Instrument :
BNA_M
ClientSampleId :
EW4Z2MSD

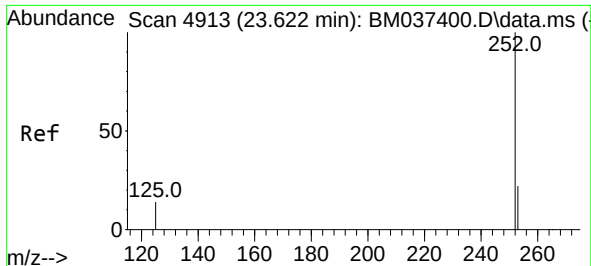
Tgt Ion:252 Resp: 24836
Ion Ratio Lower Upper
252 100
253 27.1 0.0 52.6
125 18.9 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.432 ng/ul
RT: 23.049 min Scan# 4717
Delta R.T. -0.009 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

Tgt Ion:252 Resp: 23516
Ion Ratio Lower Upper
252 100
253 27.4 21.6 32.4
125 18.9 13.8 20.8

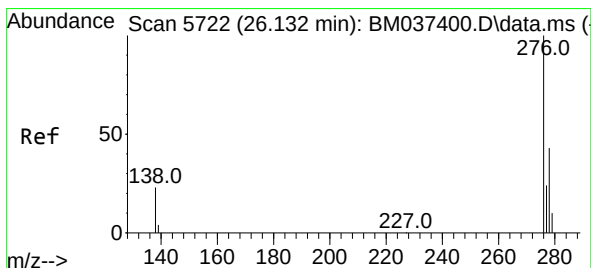
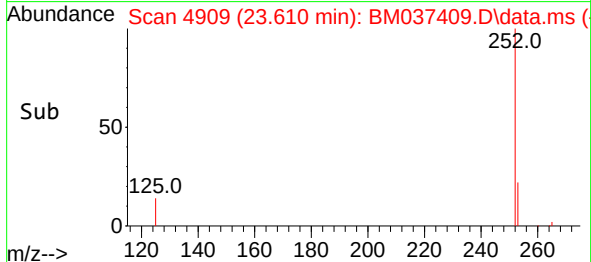
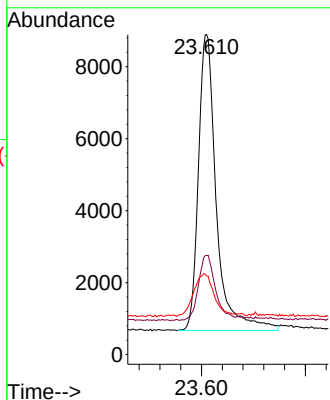
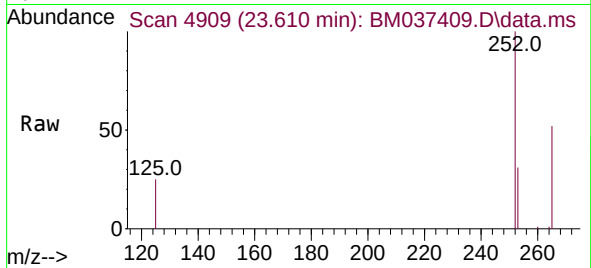




#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.610 min Scan# 4913
Delta R.T. -0.009 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

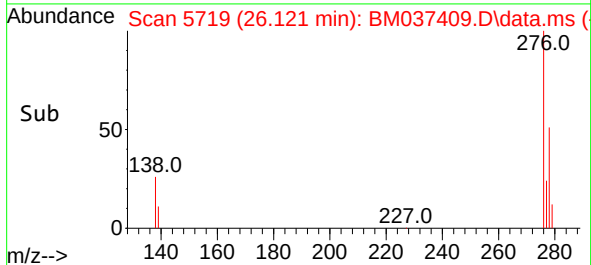
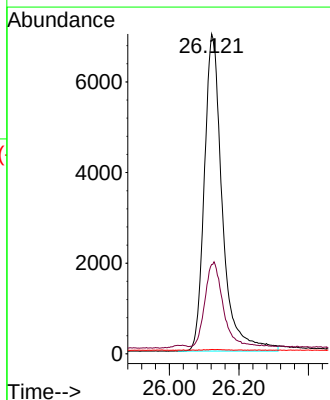
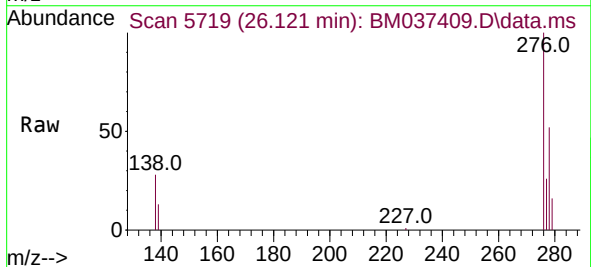
Instrument :
BNA_M
ClientSampleId :
EW4Z2MSD

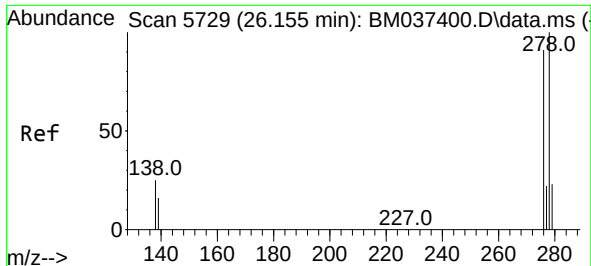
Tgt Ion:252	Resp:	19738
Ion Ratio	Lower	Upper
252	100	
253	31.0	23.8 35.6
125	24.6	17.2 25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 26.121 min Scan# 5719
Delta R.T. -0.017 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

Tgt Ion:276	Resp:	25113
Ion Ratio	Lower	Upper
276	100	
138	27.3	20.8 31.2
227	0.1	0.1 0.1

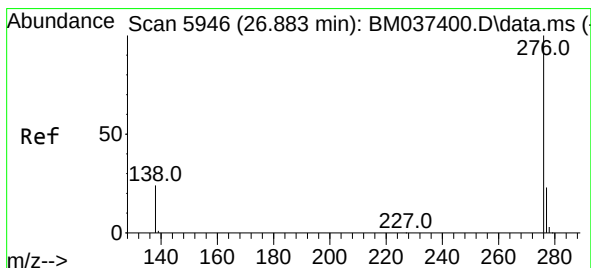
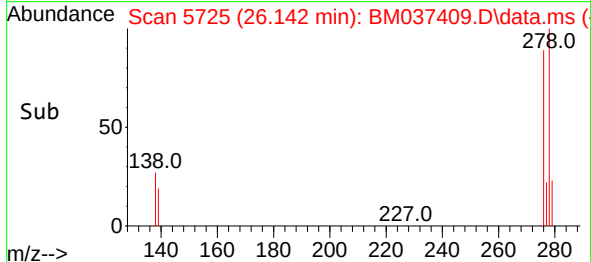
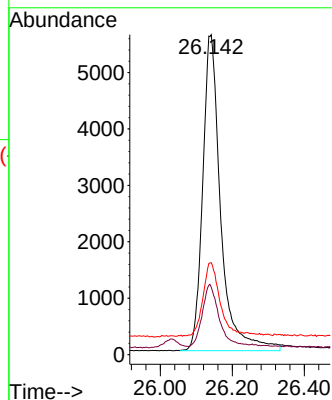
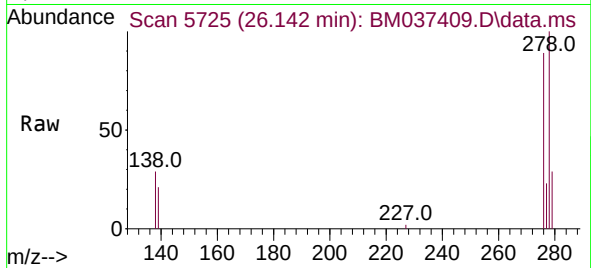




#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.142 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

Instrument :
BNA_M
ClientSampleId :
EW4Z2MSD

Tgt Ion:278 Resp: 19400
Ion Ratio Lower Upper
278 100
139 21.1 15.2 22.8
279 28.7 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.396 ng/ul
RT: 26.863 min Scan# 5940
Delta R.T. -0.017 min
Lab File: BM037409.D
Acq: 08 Nov 2022 02:14

Tgt Ion:276 Resp: 21659
Ion Ratio Lower Upper
276 100
138 25.9 19.6 29.4
277 24.8 20.1 30.1

