

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037415.D
 Acq On : 08 Nov 2022 05:46
 Operator : CG/JU
 Sample : PB148840BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS840

Quant Time: Nov 08 06:34:51 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)

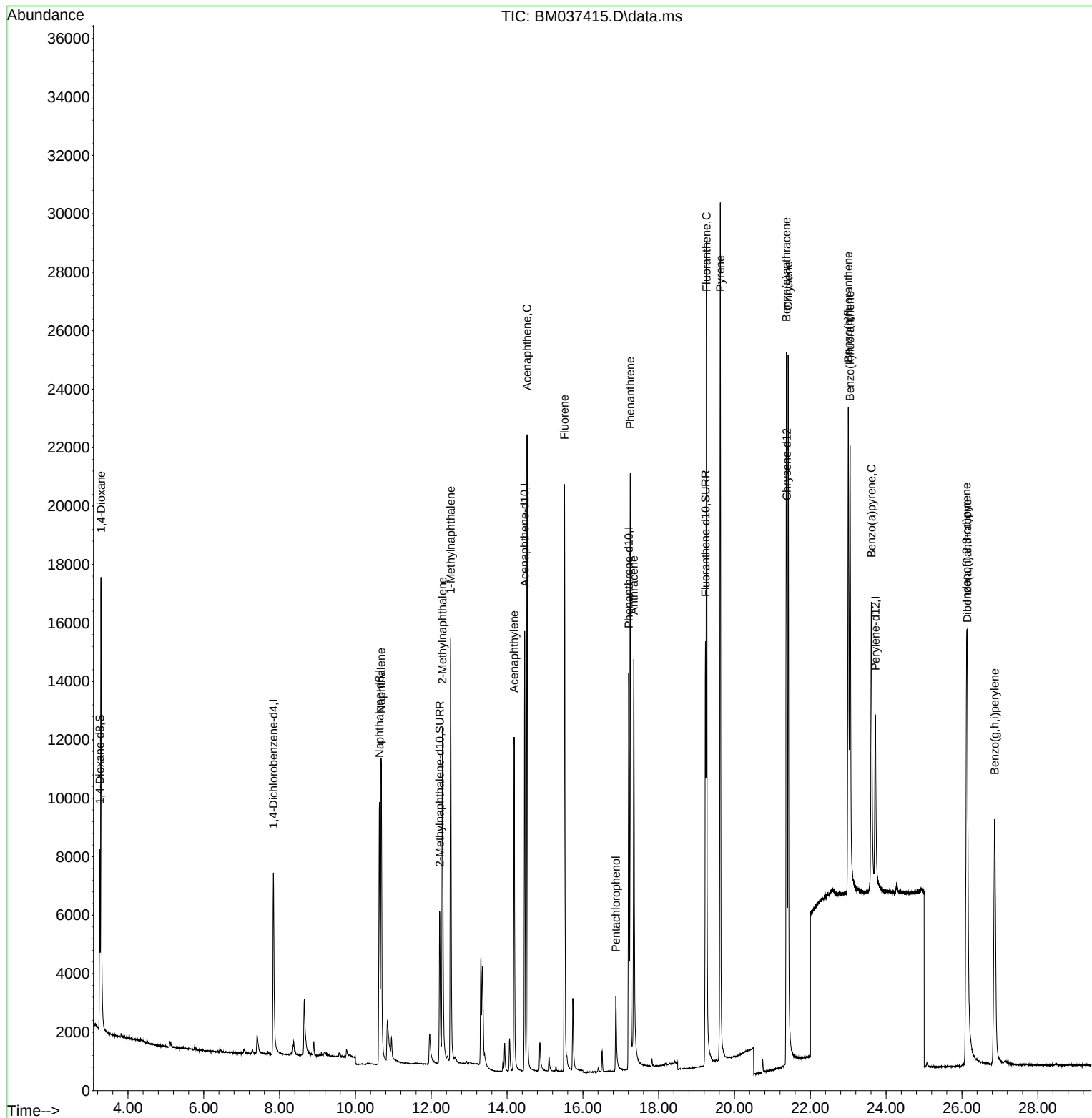
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	4428	0.400	ng/ul	0.00
4) Naphthalene-d8	10.633	136	14253	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	8197	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	16616	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240	10824	0.400	ng/ul	# 0.00
23) Perylene-d12	23.715	264	8834	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	4056	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	8445	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.233	212	16204	0.479	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.289	88	10520	1.893	ng/ul#	83
5) Naphthalene	10.677	128	16328	0.395	ng/ul	98
7) 2-Methylnaphthalene	12.294	142	10177	0.393	ng/ul	99
8) 1-Methylnaphthalene	12.514	142	11098	0.417	ng/ul	99
10) Acenaphthylene	14.186	152	14058	0.403	ng/ul	100
11) Acenaphthene	14.529	153	12595	0.408	ng/ul	100
12) Fluorene	15.514	166	14055	0.398	ng/ul	99
14) Pentachlorophenol	16.870	266	2420	0.552	ng/ul	99
15) Phenanthrene	17.250	178	22670	0.399	ng/ul	100
16) Anthracene	17.343	178	18591	0.401	ng/ul	99
19) Fluoranthene	19.261	202	25075	0.489	ng/ul	97
20) Pyrene	19.624	202	26093	0.486	ng/ul	100
21) Benzo(a)anthracene	21.366	228	19646	0.421	ng/ul	100
22) Chrysene	21.415	228	22689	0.436	ng/ul	99
24) Benzo(b)fluoranthene	23.002	252	22267	0.439	ng/ul	98
25) Benzo(k)fluoranthene	23.049	252	21545	0.444	ng/ul	98
26) Benzo(a)pyrene	23.610	252	17902	0.422	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.122	276	23029	0.408	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.138	278	17521	0.403	ng/ul	97
29) Benzo(g,h,i)perylene	26.863	276	20102	0.412	ng/ul	98

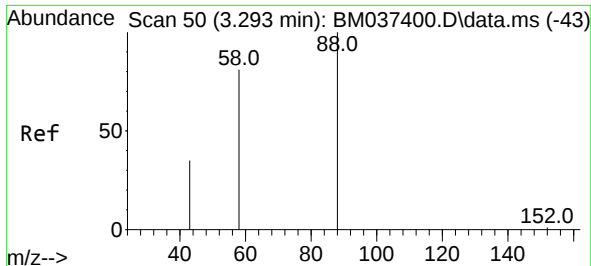
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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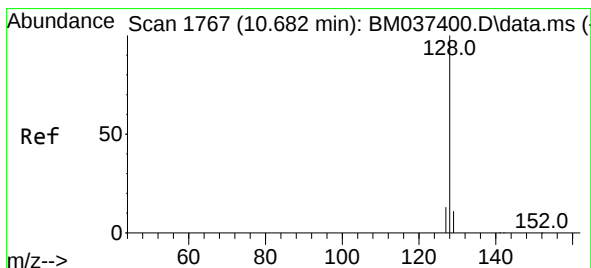
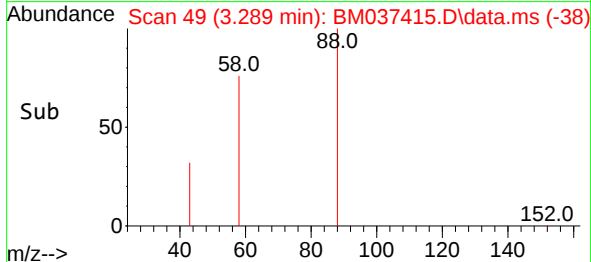
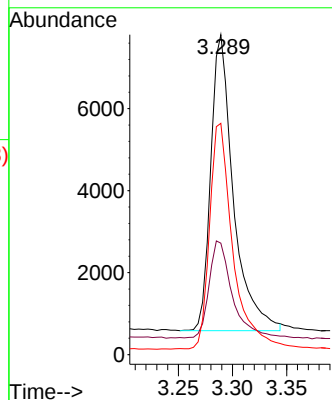
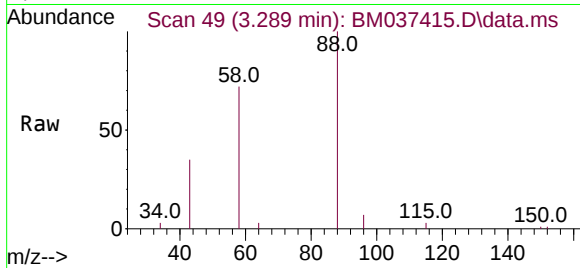




#2
1,4-Dioxane
Concen: 1.893 ng/ul
RT: 3.289 min Scan# 49
Delta R.T. -0.004 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

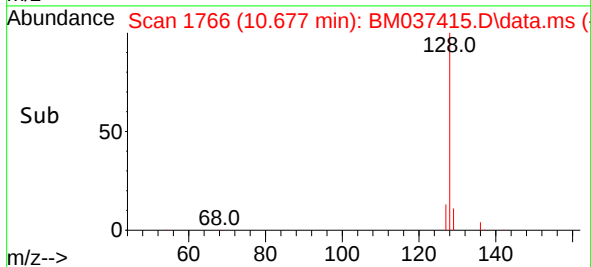
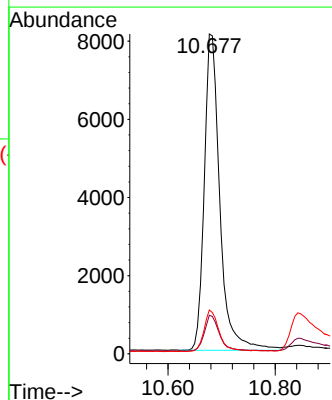
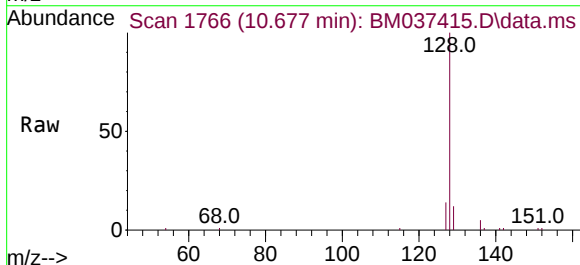
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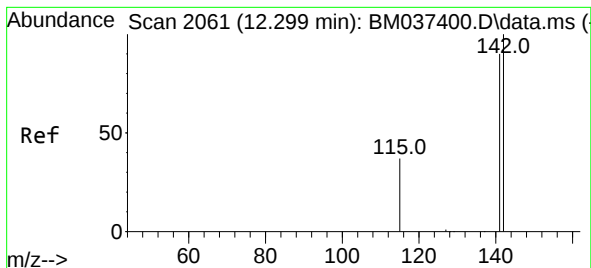
Tgt Ion: 88 Resp: 10520
Ion Ratio Lower Upper
88 100
43 34.8 39.9 59.9#
58 72.3 50.2 75.2



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.677 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

Tgt Ion: 128 Resp: 16328
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.7 10.2 15.4

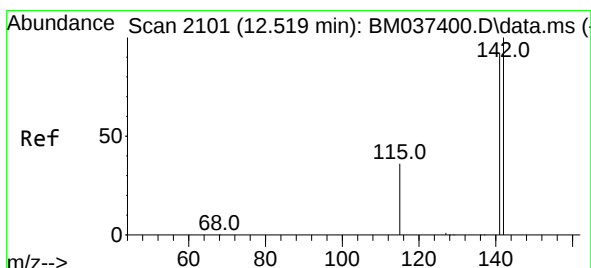
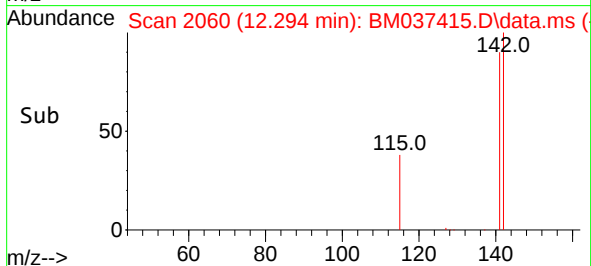
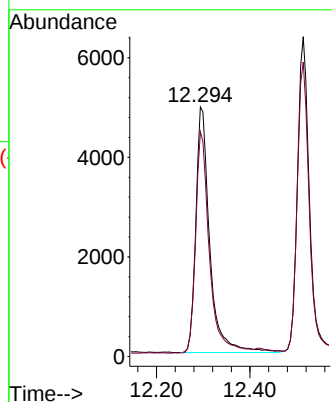
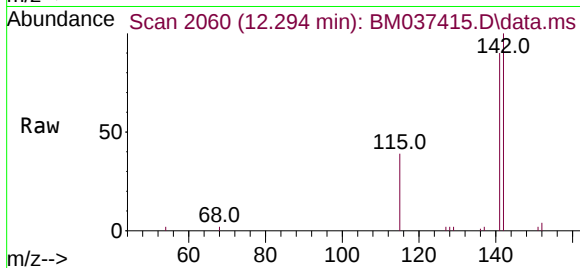




#7
2-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.294 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

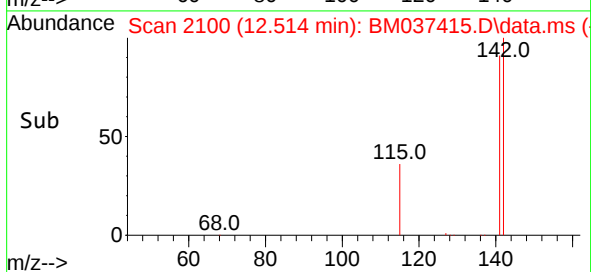
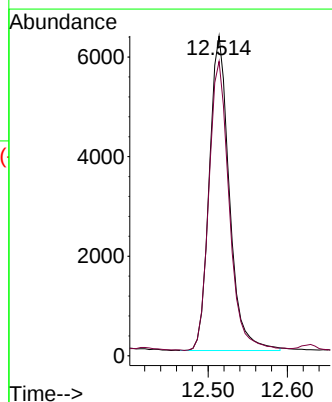
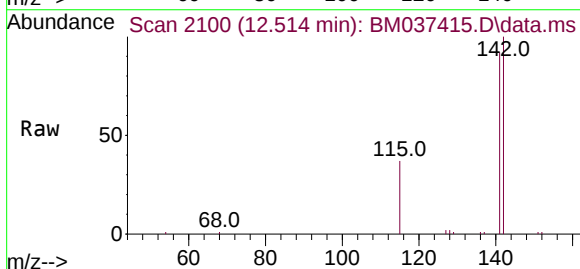
Instrument :
BNA_M
ClientSampleId :
SLCS840

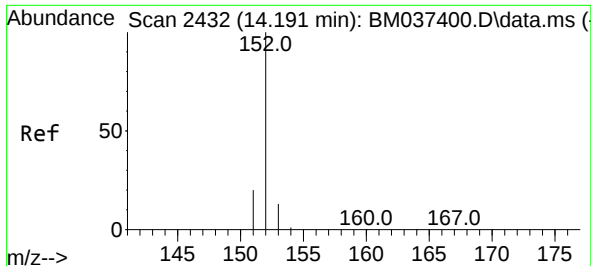
Tgt Ion:142 Resp: 10177
Ion Ratio Lower Upper
142 100
141 89.0 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

Tgt Ion:142 Resp: 11098
Ion Ratio Lower Upper
142 100
141 93.2 73.9 110.9

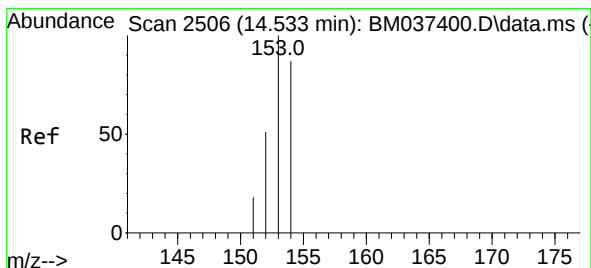
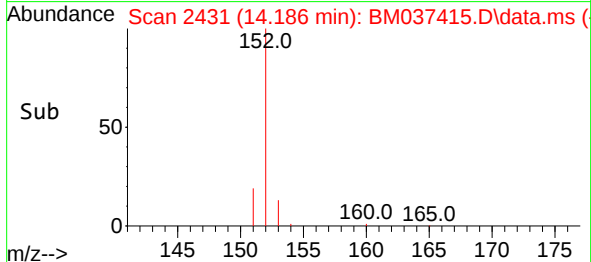
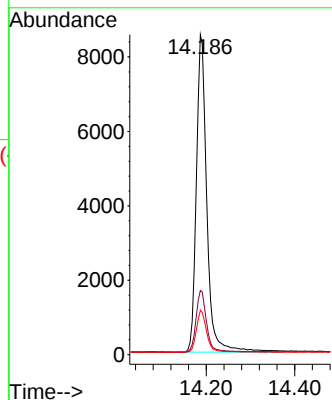
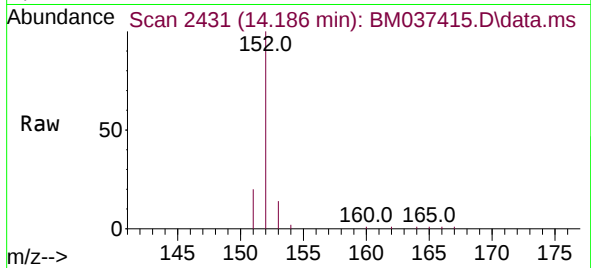




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.186 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

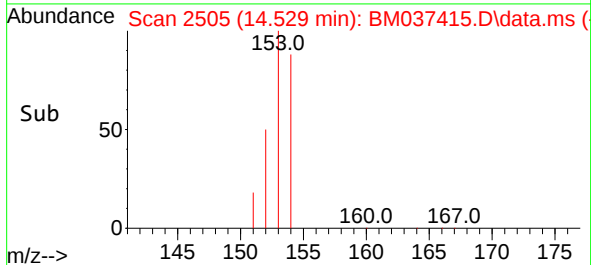
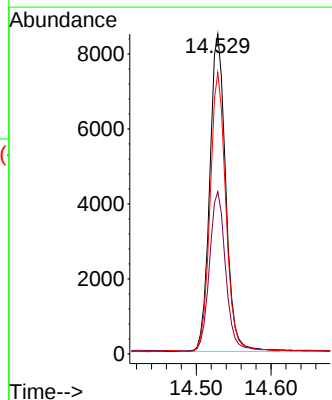
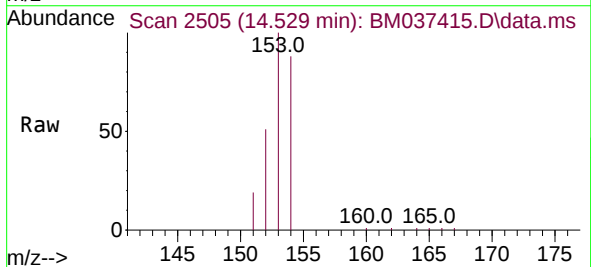
Instrument :
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ClientSampleId :
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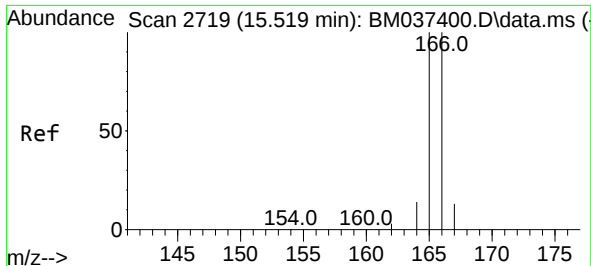
Tgt Ion:152	Resp:	14058
Ion Ratio	Lower	Upper
152	100	
151	20.0	16.1 24.1
153	13.9	11.0 16.4



#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

Tgt Ion:153	Resp:	12595
Ion Ratio	Lower	Upper
153	100	
152	50.7	40.2 60.4
154	87.9	70.4 105.6

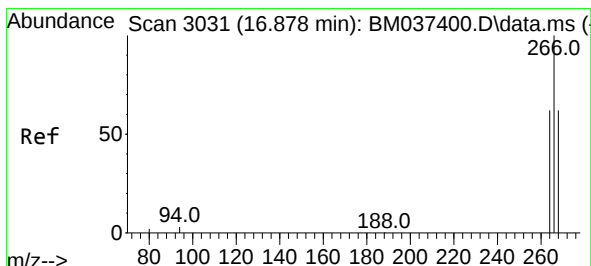
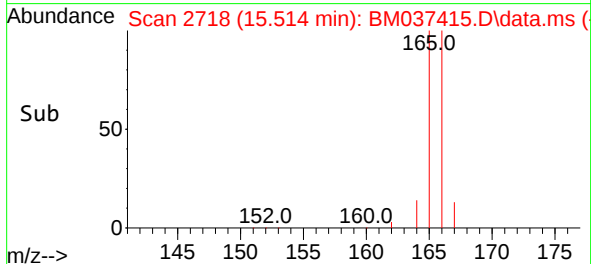
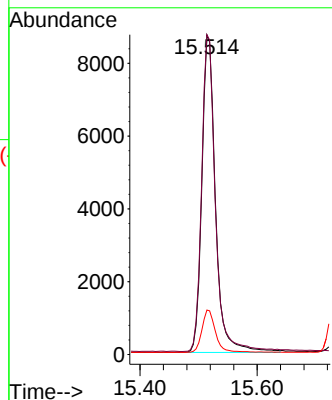
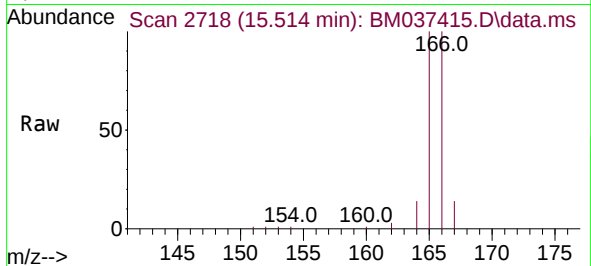




#12
Fluorene
Concen: 0.398 ng/ul
RT: 15.514 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

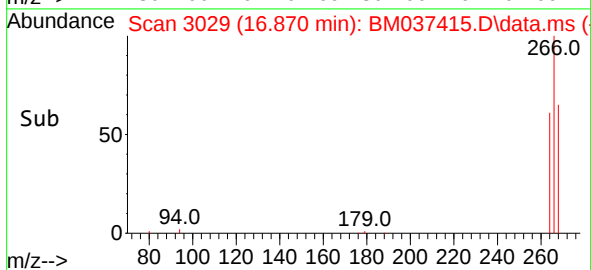
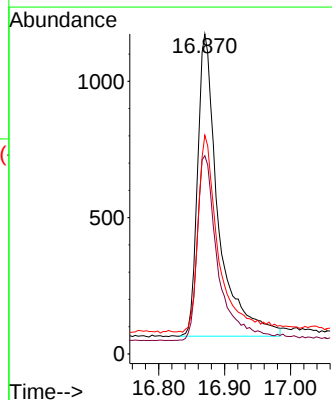
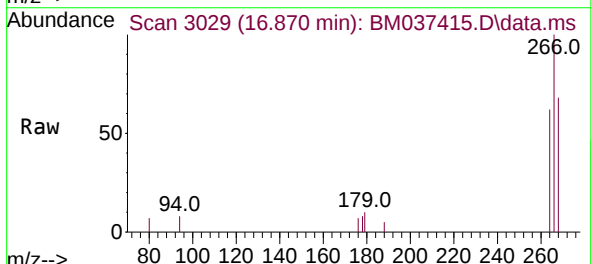
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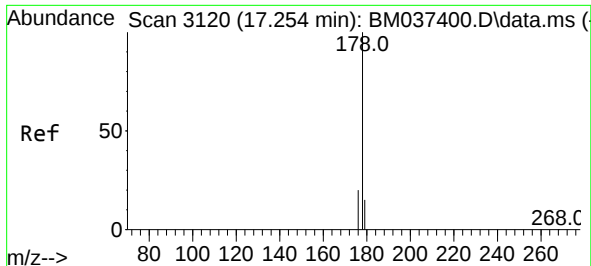
Tgt Ion:166 Resp: 14055
Ion Ratio Lower Upper
166 100
165 100.2 79.0 118.4
167 14.0 11.1 16.7



#14
Pentachlorophenol
Concen: 0.552 ng/ul
RT: 16.870 min Scan# 3029
Delta R.T. -0.008 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

Tgt Ion:266 Resp: 2420
Ion Ratio Lower Upper
266 100
264 61.7 49.9 74.9
268 64.2 51.9 77.9

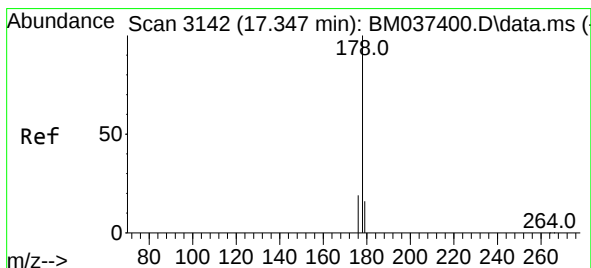
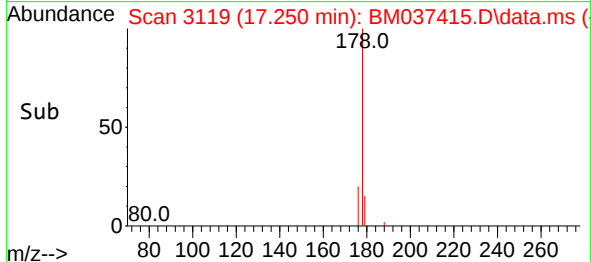
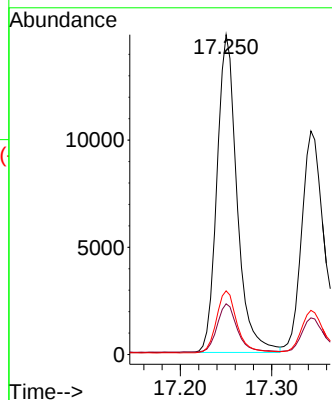
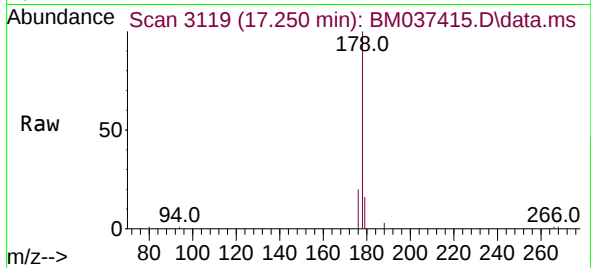




#15
Phenanthrene
Concen: 0.399 ng/ul
RT: 17.250 min Scan# 3119
Delta R.T. -0.008 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

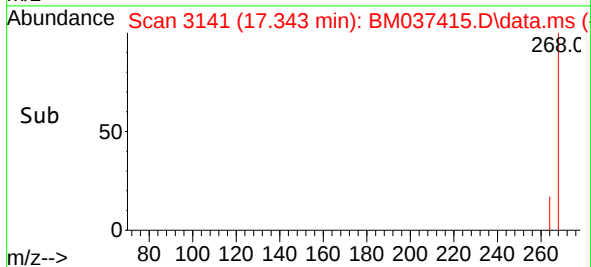
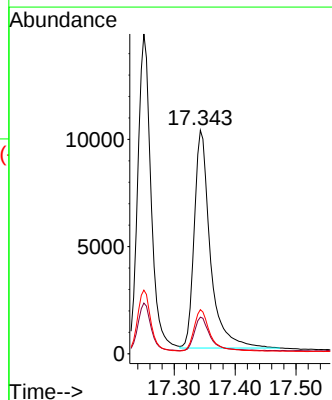
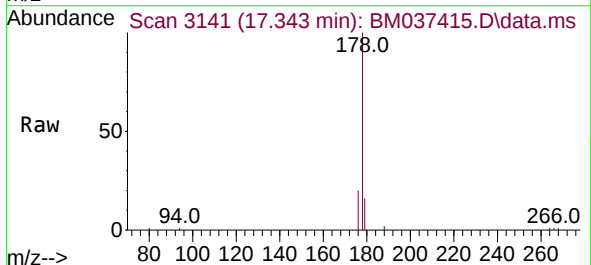
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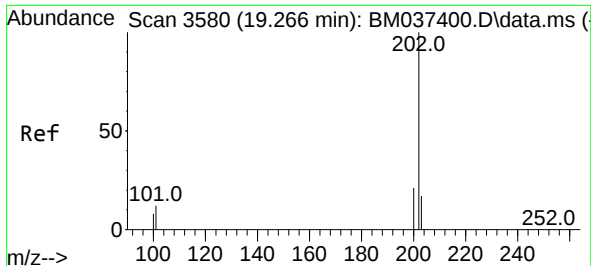
Tgt Ion:178 Resp: 22670
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.9 16.0 24.0



#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

Tgt Ion:178 Resp: 18591
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.8 15.5 23.3

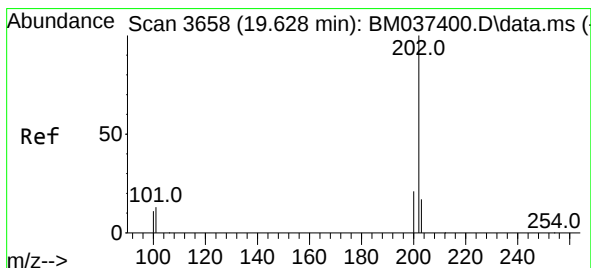
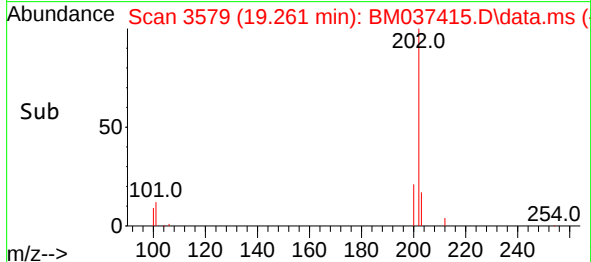
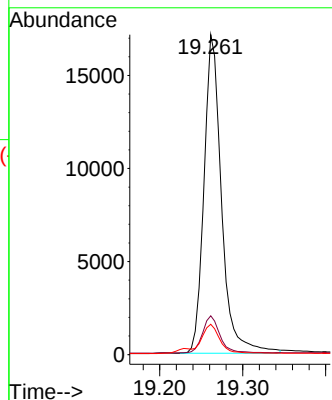
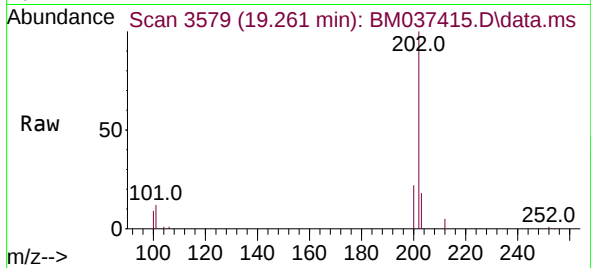




#19
Fluoranthene
Concen: 0.489 ng/ul
RT: 19.261 min Scan# 3579
Delta R.T. -0.009 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

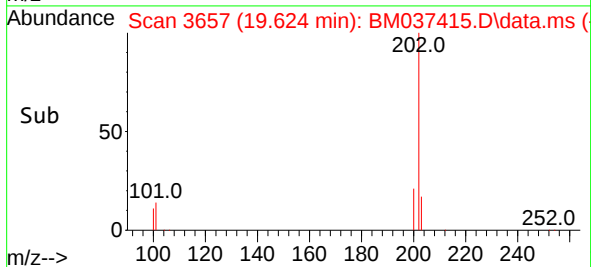
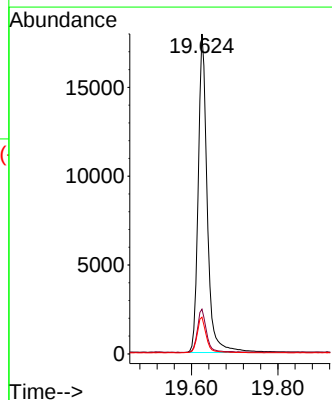
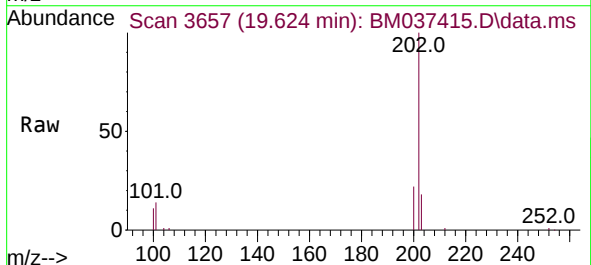
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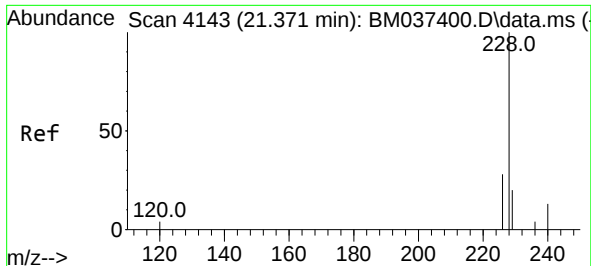
Tgt Ion:202 Resp: 25075
Ion Ratio Lower Upper
202 100
101 12.1 8.7 13.1
100 9.5 6.6 10.0



#20
Pyrene
Concen: 0.486 ng/ul
RT: 19.624 min Scan# 3657
Delta R.T. -0.005 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

Tgt Ion:202 Resp: 26093
Ion Ratio Lower Upper
202 100
101 14.0 11.1 16.7
100 11.5 9.0 13.4

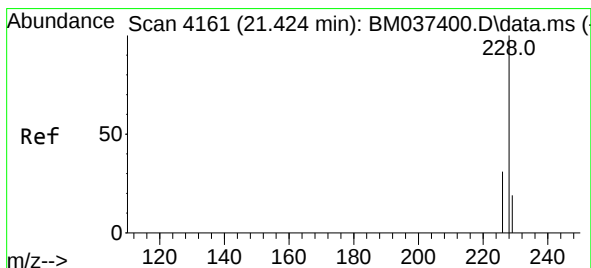
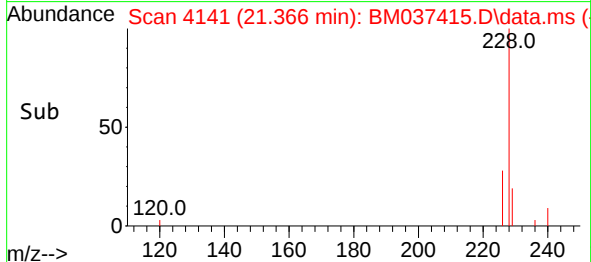
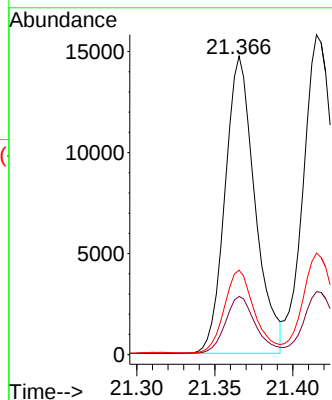
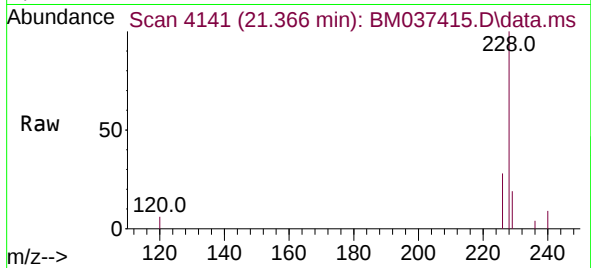




#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.366 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

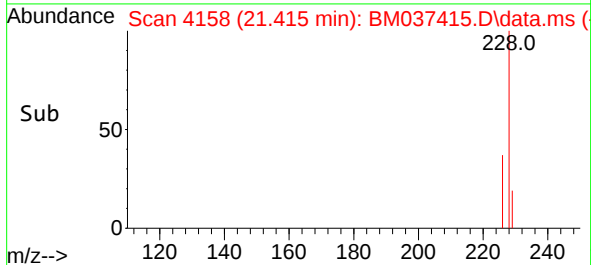
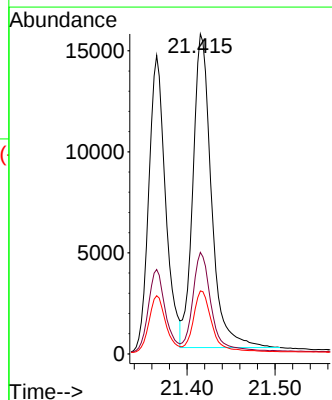
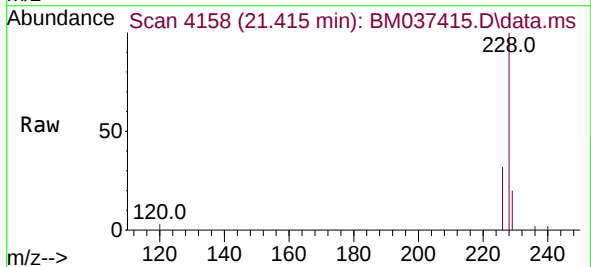
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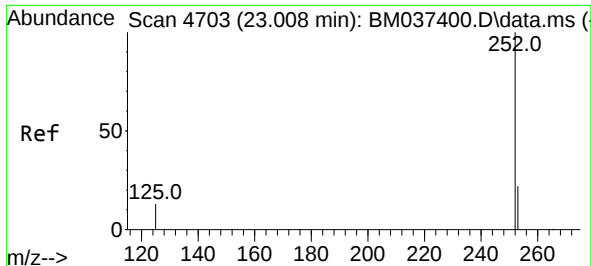
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Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 28.3 22.6 33.8



#22
Chrysene
Concen: 0.436 ng/ul
RT: 21.415 min Scan# 4158
Delta R.T. -0.009 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

Tgt Ion:228 Resp: 22689
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 19.7 15.6 23.4

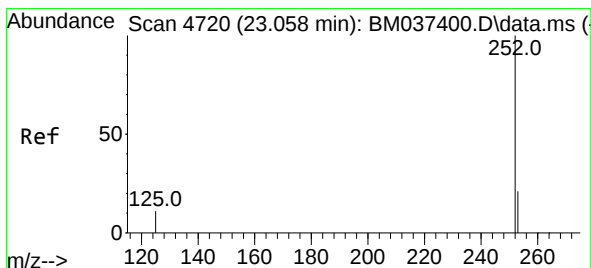
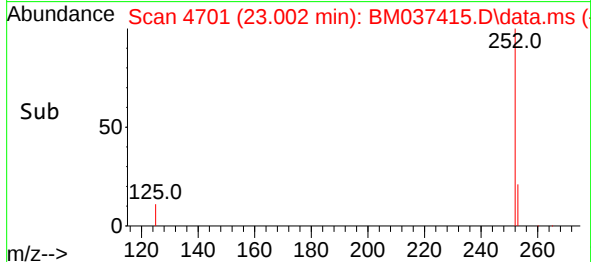
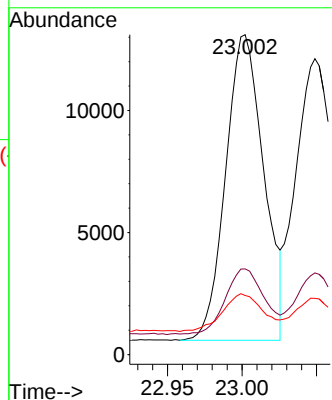
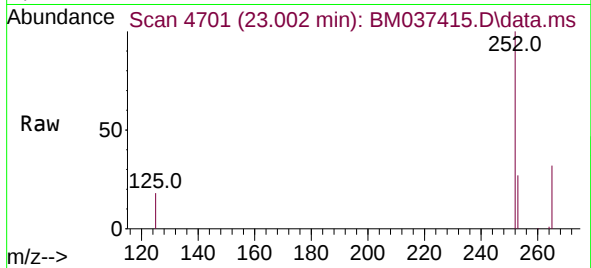




#24
Benzo(b)fluoranthene
Concen: 0.439 ng/ul
RT: 23.002 min Scan# 4717
Delta R.T. -0.009 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

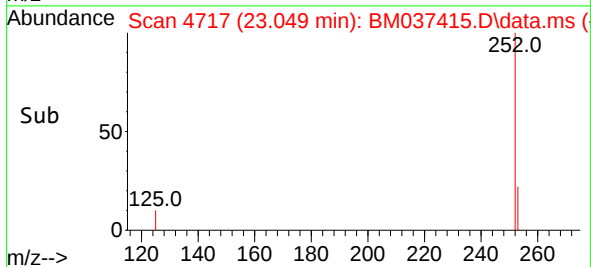
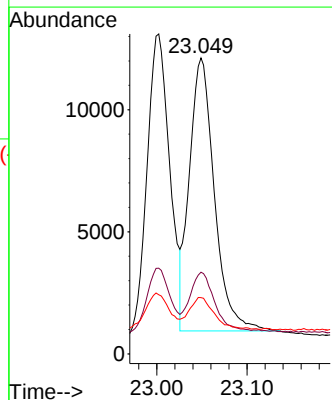
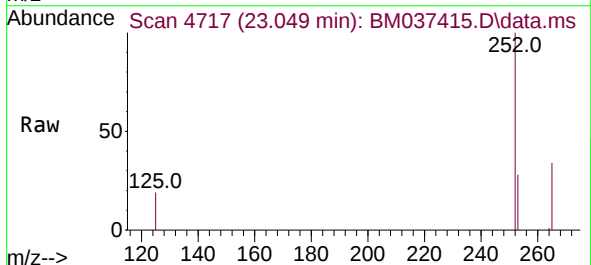
Instrument :
BNA_M
ClientSampleId :
SLCS840

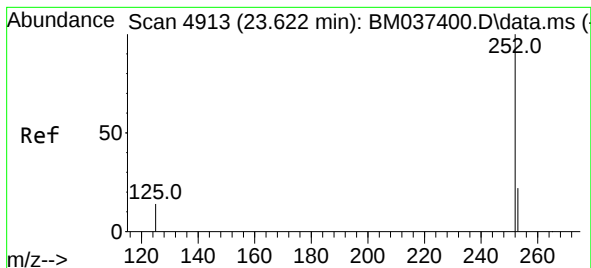
Tgt Ion:252 Resp: 22267
Ion Ratio Lower Upper
252 100
253 26.8 0.0 52.6
125 18.5 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.444 ng/ul
RT: 23.049 min Scan# 4717
Delta R.T. -0.009 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

Tgt Ion:252 Resp: 21545
Ion Ratio Lower Upper
252 100
253 27.6 21.6 32.4
125 19.0 13.8 20.8





#26

Benzo(a)pyrene

Concen: 0.422 ng/ul

RT: 23.610 min Scan# 4913

Delta R.T. -0.009 min

Lab File: BM037415.D

Acq: 08 Nov 2022 05:46

Instrument :

BNA_M

ClientSampleId :

SLCS840

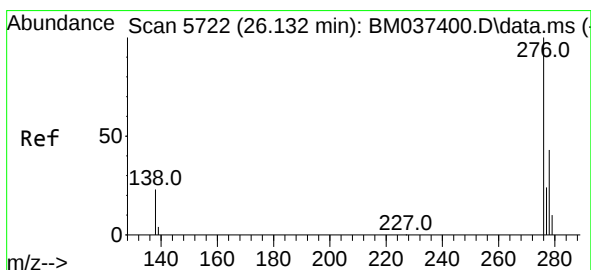
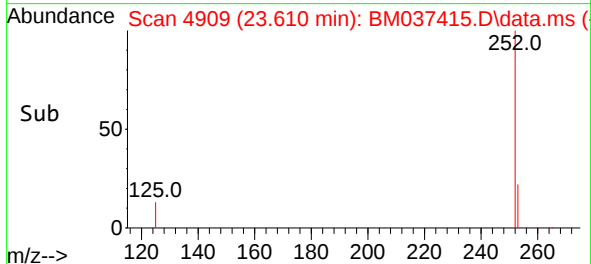
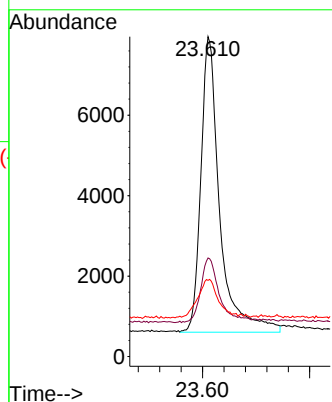
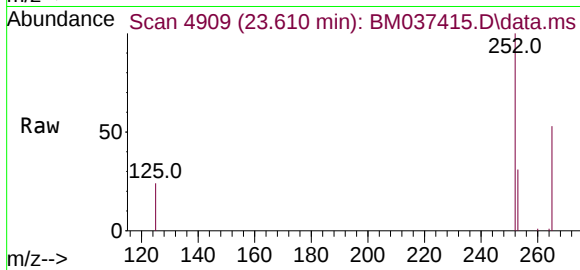
Tgt Ion:252 Resp: 17902

Ion Ratio Lower Upper

252 100

253 30.8 23.8 35.6

125 23.8 17.2 25.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.408 ng/ul

RT: 26.122 min Scan# 5719

Delta R.T. -0.017 min

Lab File: BM037415.D

Acq: 08 Nov 2022 05:46

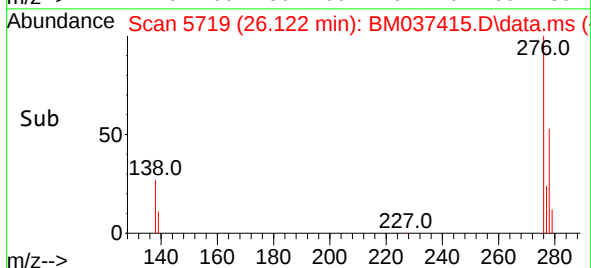
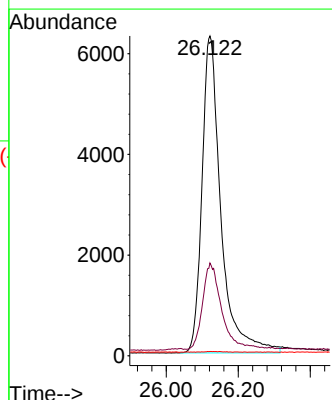
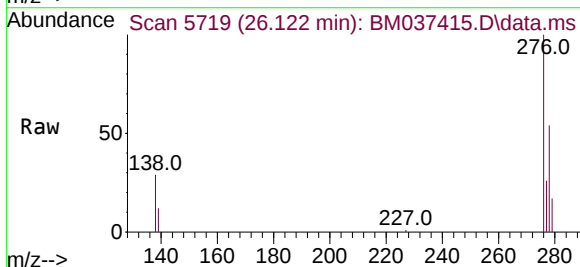
Tgt Ion:276 Resp: 23029

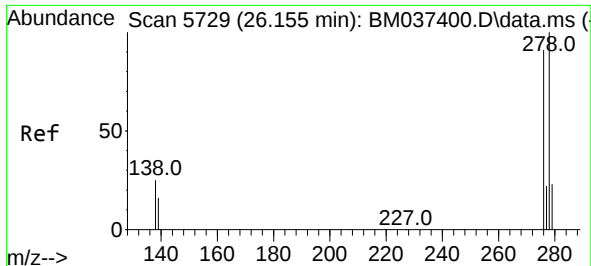
Ion Ratio Lower Upper

276 100

138 27.4 20.8 31.2

227 0.3 0.1 0.1#

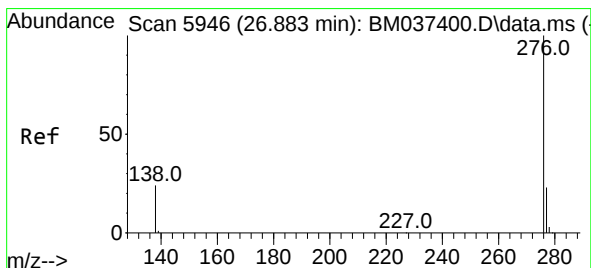
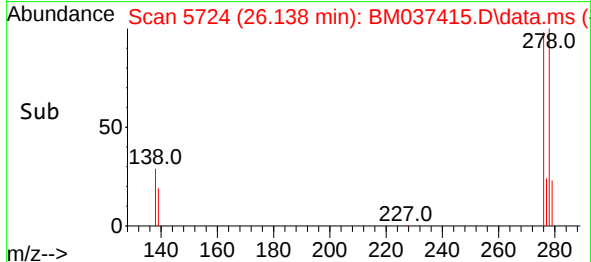
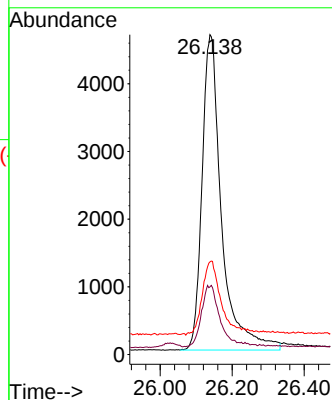
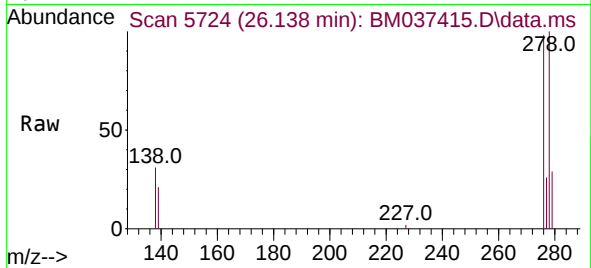




#28
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 26.138 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

Instrument :
BNA_M
ClientSampleId :
SLCS840

Tgt Ion:278 Resp: 17521
Ion Ratio Lower Upper
278 100
139 21.2 15.2 22.8
279 29.0 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 26.863 min Scan# 5940
Delta R.T. -0.017 min
Lab File: BM037415.D
Acq: 08 Nov 2022 05:46

Tgt Ion:276 Resp: 20102
Ion Ratio Lower Upper
276 100
138 26.9 19.6 29.4
277 25.0 20.1 30.1

