

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017413.D
 Acq On : 14 Nov 2021 05:14
 Operator : CG/JU
 Sample : PB140657BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS657

Quant Time: Nov 15 04:39:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 02:31:43 2021
 Response via : Initial Calibration

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

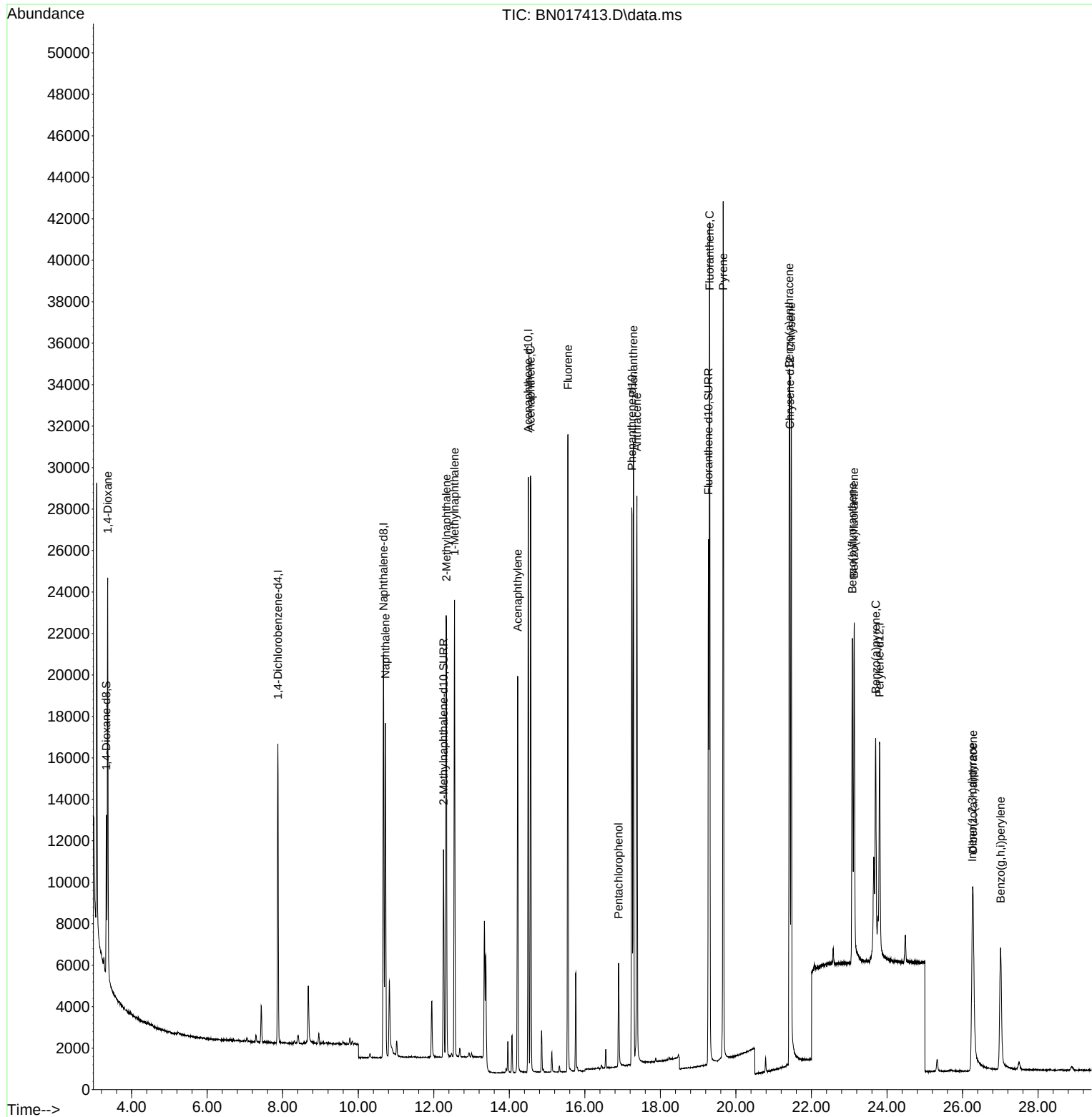
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	7109	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	25563	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.502	164	15473	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.247	188	32304	0.400	ng/ul	0.00
17) Chrysene-d12	21.430	240	21681	0.400	ng/ul	0.00
23) Perylene-d12	23.803	264	14395	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	4751	0.609	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.257	152	12892	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.272	212	28188	0.362	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.366	88	12783	1.271	ng/ul#	50
5) Naphthalene	10.717	128	22110	0.313	ng/ul	97
7) 2-Methylnaphthalene	12.334	142	15460	0.305	ng/ul	99
8) 1-Methylnaphthalene	12.548	142	15063	0.301	ng/ul	100
10) Acenaphthylene	14.220	152	21898	0.295	ng/ul	99
11) Acenaphthene	14.563	153	16976	0.320	ng/ul	98
12) Fluorene	15.553	166	19907	0.316	ng/ul	99
14) Pentachlorophenol	16.893	266	3577	0.506	ng/ul	98
15) Phenanthrene	17.285	178	32157	0.331	ng/ul	99
16) Anthracene	17.378	178	29869	0.306	ng/ul	99
19) Fluoranthene	19.305	202	35603	0.354	ng/ul	100
20) Pyrene	19.663	202	36091	0.351	ng/ul	99
21) Benzo(a)anthracene	21.412	228	26325	0.326	ng/ul	99
22) Chrysene	21.465	228	27901	0.346	ng/ul	99
24) Benzo(b)fluoranthene	23.084	252	21419	0.364	ng/ul	96
25) Benzo(k)fluoranthene	23.131	252	22704	0.375	ng/ul	95
26) Benzo(a)pyrene	23.701	252	17353	0.353	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.259	276	15262	0.368	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.282	278	11489	0.373	ng/ul	97
29) Benzo(g,h,i)perylene	27.010	276	14459	0.381	ng/ul	96

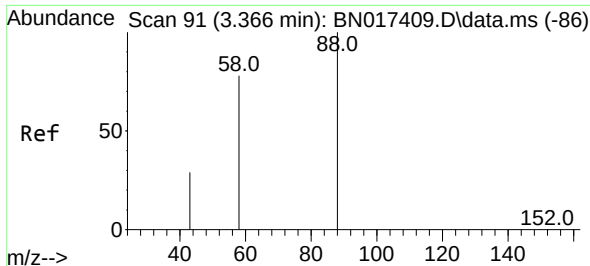
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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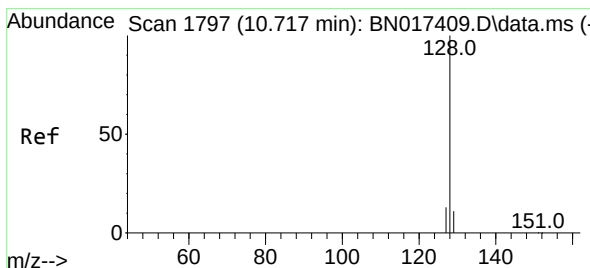
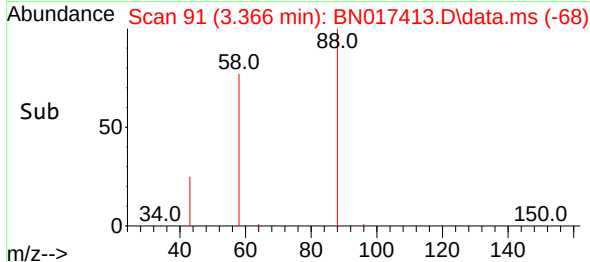
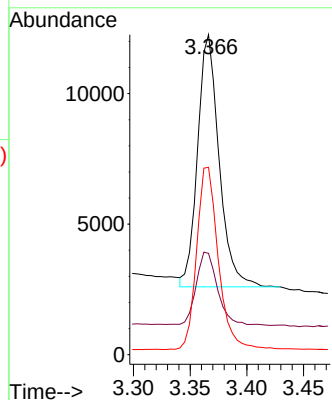
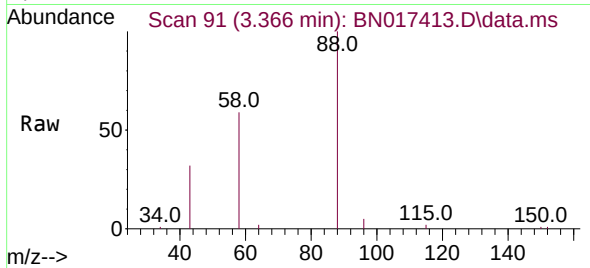




#2
 1,4-Dioxane
 Concen: 1.271 ng/ul
 RT: 3.366 min Scan# 91
 Delta R.T. -0.004 min
 Lab File: BN017413.D
 Acq: 14 Nov 2021 05:14

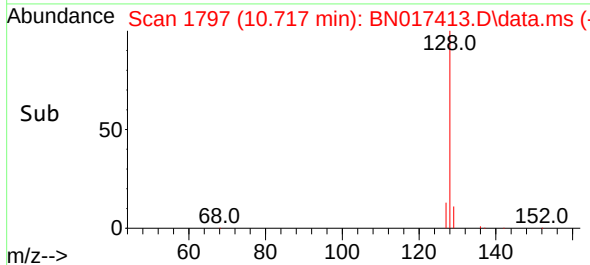
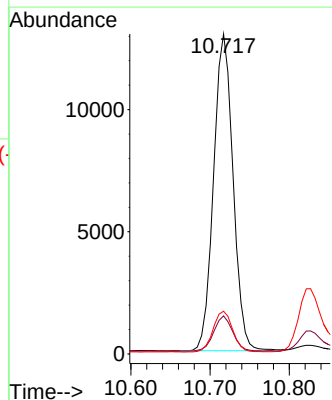
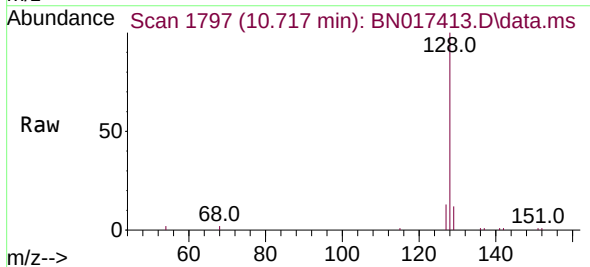
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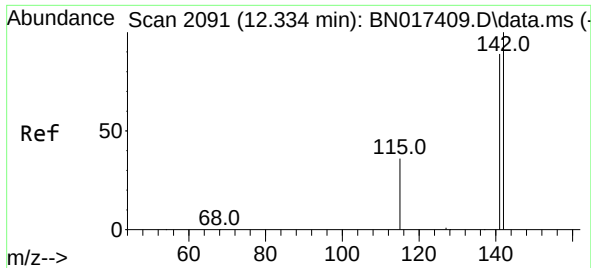
Tgt Ion: 88 Resp: 12783
 Ion Ratio Lower Upper
 88 100
 43 31.6 85.8 128.6#
 58 58.6 43.4 65.0



#5
 Naphthalene
 Concen: 0.313 ng/ul
 RT: 10.717 min Scan# 1797
 Delta R.T. -0.007 min
 Lab File: BN017413.D
 Acq: 14 Nov 2021 05:14

Tgt Ion:128 Resp: 22110
 Ion Ratio Lower Upper
 128 100
 129 11.9 10.4 15.6
 127 13.3 11.8 17.6

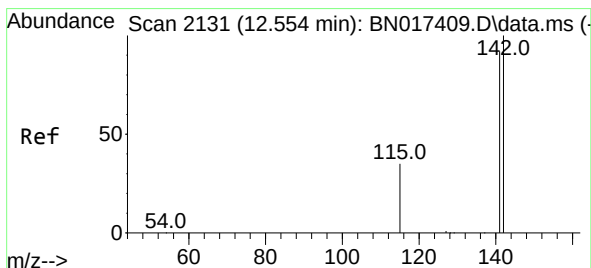
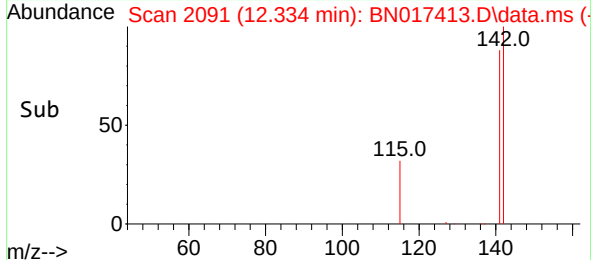
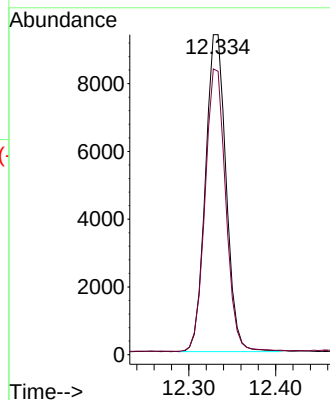
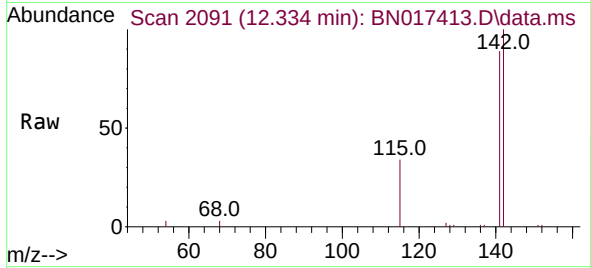




#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.334 min Scan# 2091
Delta R.T. -0.002 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

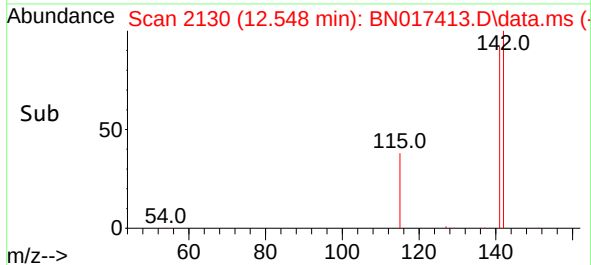
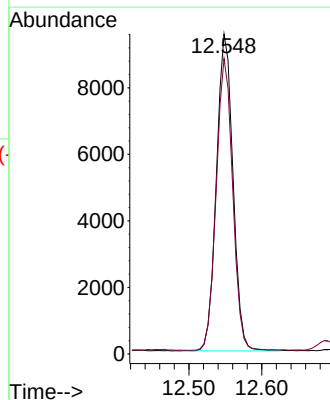
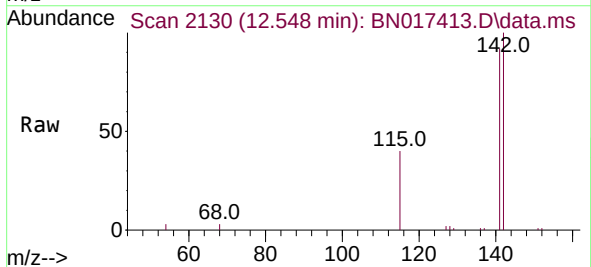
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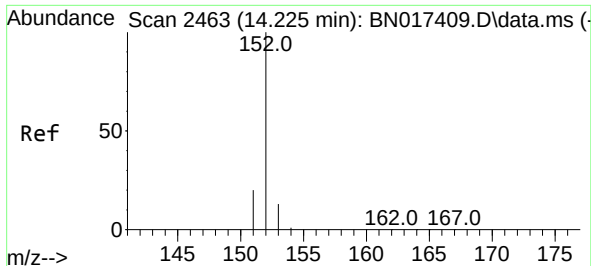
Tgt Ion:142 Resp: 15460
Ion Ratio Lower Upper
142 100
141 88.9 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.548 min Scan# 2130
Delta R.T. -0.007 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

Tgt Ion:142 Resp: 15063
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

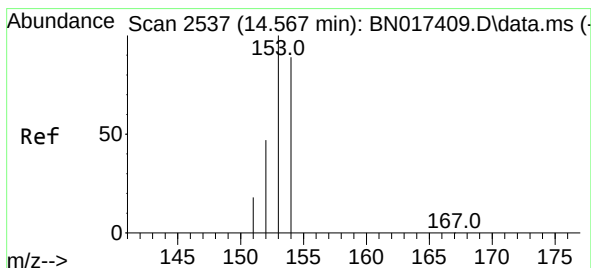
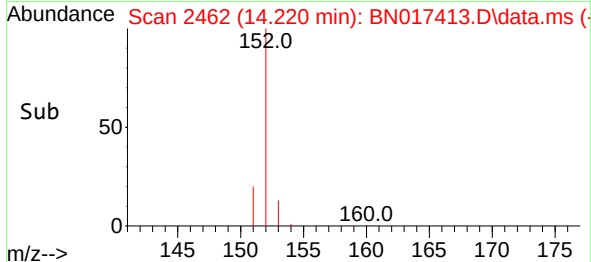
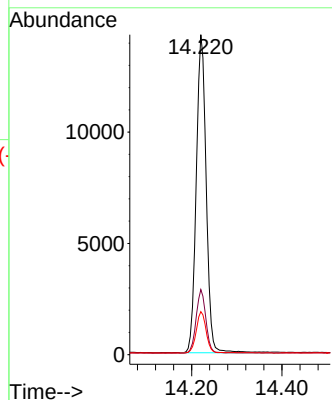
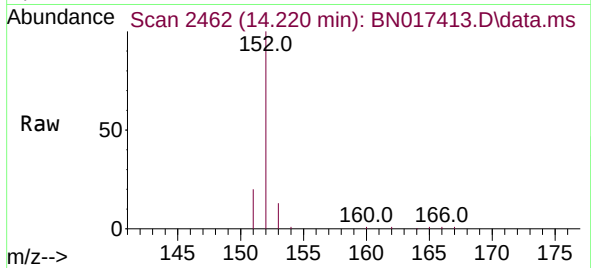




#10
Acenaphthylene
Concen: 0.295 ng/ul
RT: 14.220 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

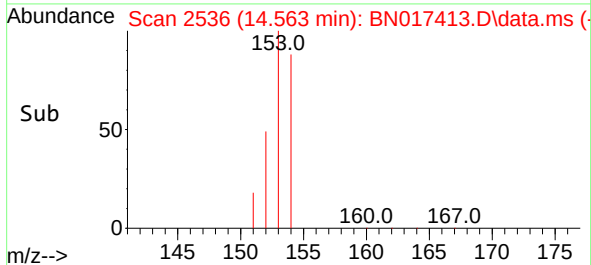
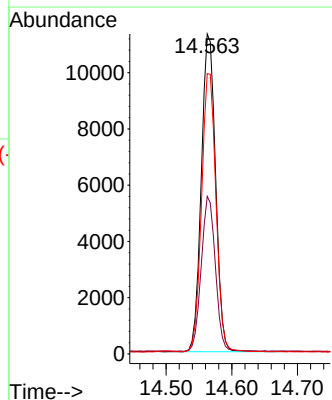
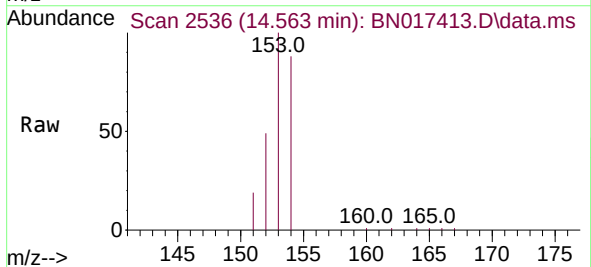
Instrument :
BNA_N
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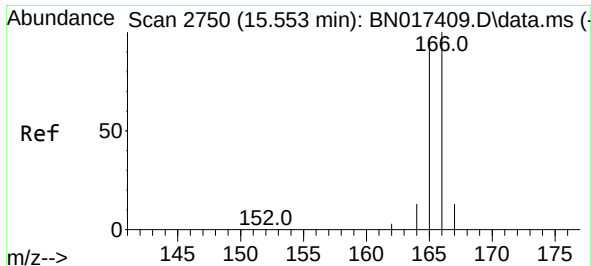
Tgt Ion:152 Resp: 21898
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.320 ng/ul
RT: 14.563 min Scan# 2536
Delta R.T. -0.011 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

Tgt Ion:153 Resp: 16976
Ion Ratio Lower Upper
153 100
152 49.3 38.3 57.5
154 87.6 71.1 106.7

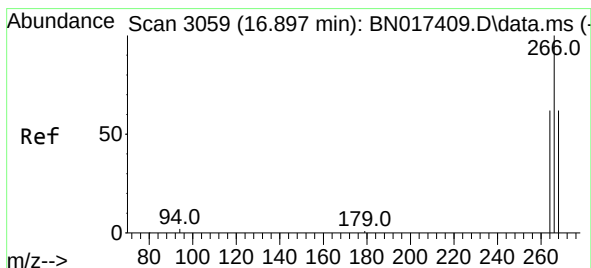
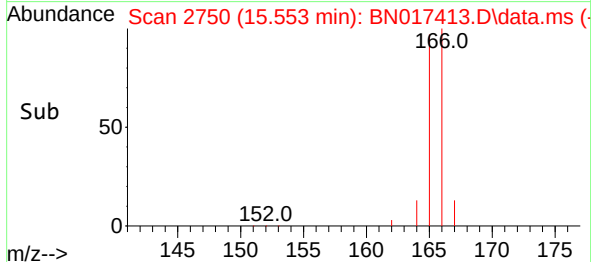
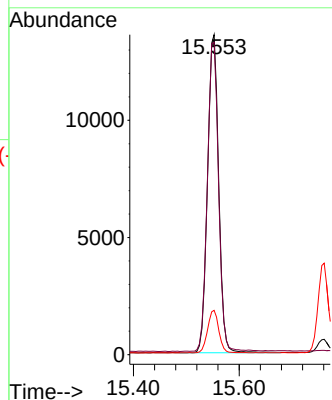
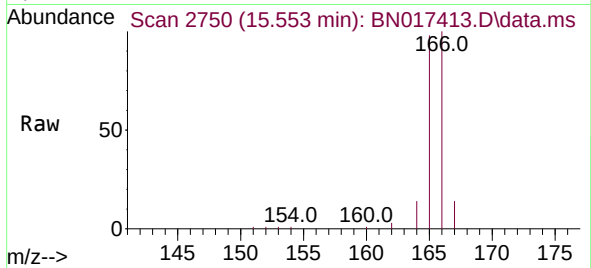




#12
Fluorene
Concen: 0.316 ng/ul
RT: 15.553 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

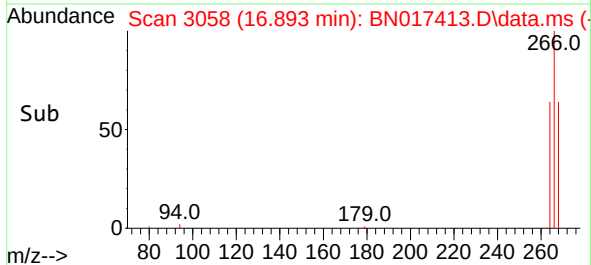
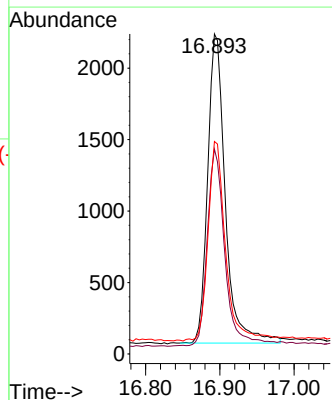
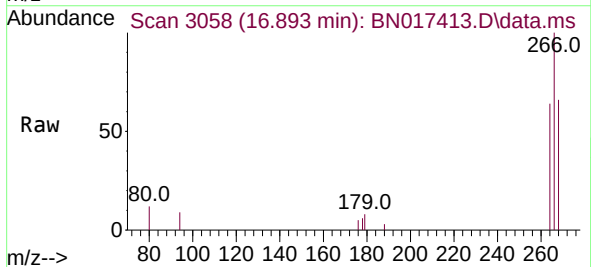
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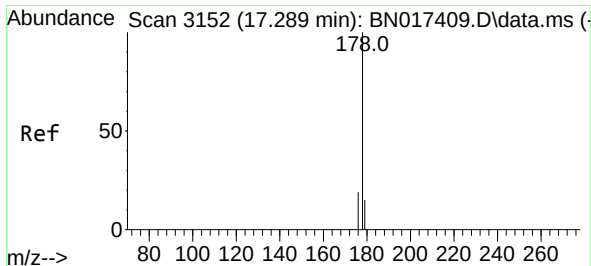
Tgt Ion:166 Resp: 19907
Ion Ratio Lower Upper
166 100
165 97.6 79.2 118.8
167 13.8 11.2 16.8



#14
Pentachlorophenol
Concen: 0.506 ng/ul
RT: 16.893 min Scan# 3058
Delta R.T. -0.010 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

Tgt Ion:266 Resp: 3577
Ion Ratio Lower Upper
266 100
264 64.2 50.3 75.5
268 64.1 52.2 78.4

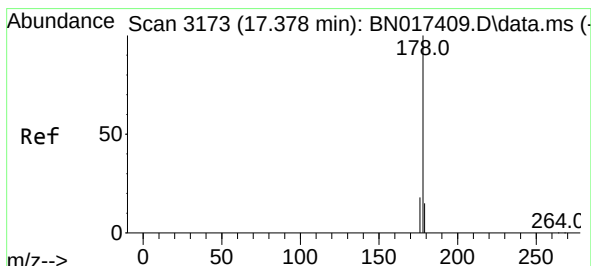
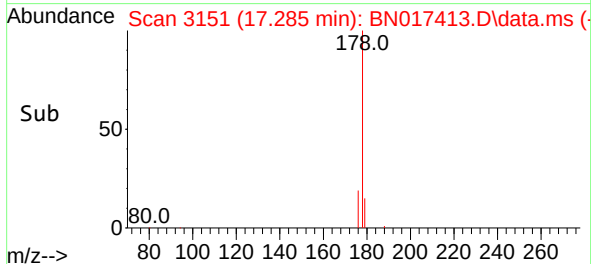
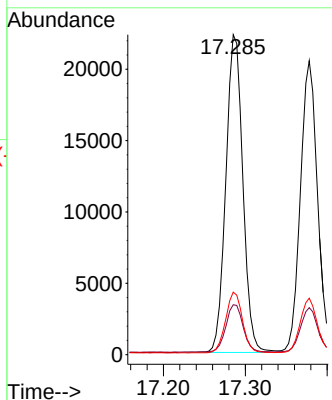
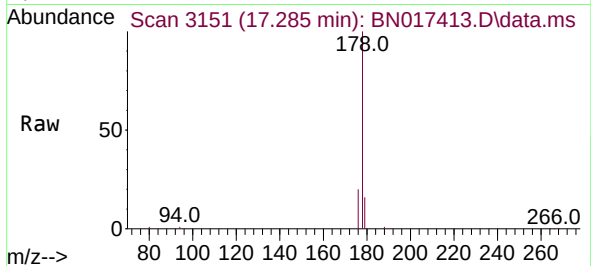




#15
Phenanthrene
Concen: 0.331 ng/ul
RT: 17.285 min Scan# 3151
Delta R.T. -0.010 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

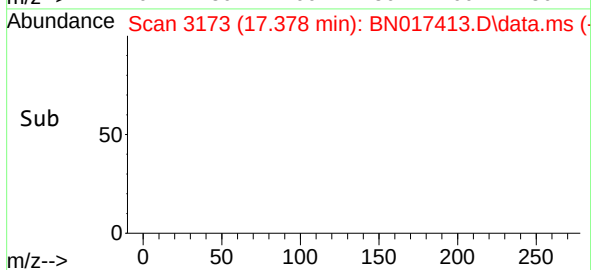
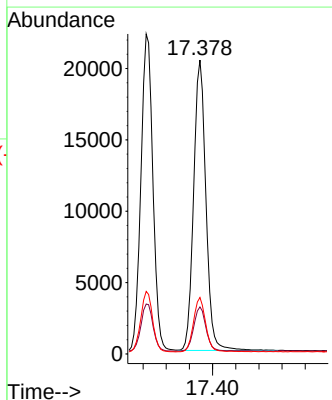
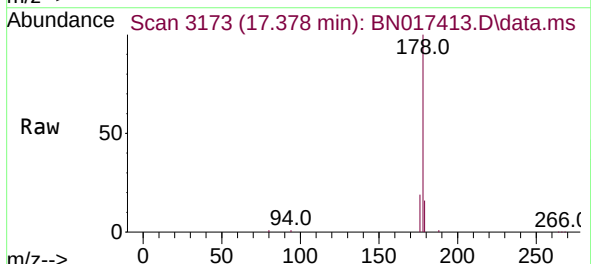
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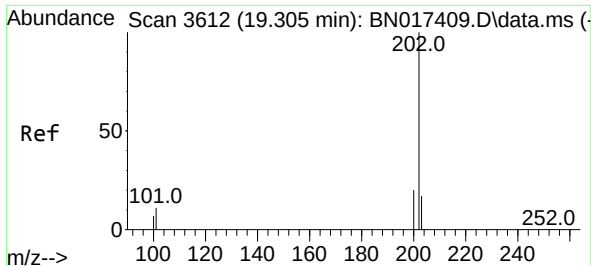
Tgt Ion:178	Resp:	32157
Ion Ratio	Lower	Upper
178	100	
179	15.6	13.0 19.4
176	19.5	15.6 23.4



#16
Anthracene
Concen: 0.306 ng/ul
RT: 17.378 min Scan# 3173
Delta R.T. -0.010 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

Tgt Ion:178	Resp:	29869
Ion Ratio	Lower	Upper
178	100	
179	16.0	13.3 19.9
176	19.2	15.1 22.7

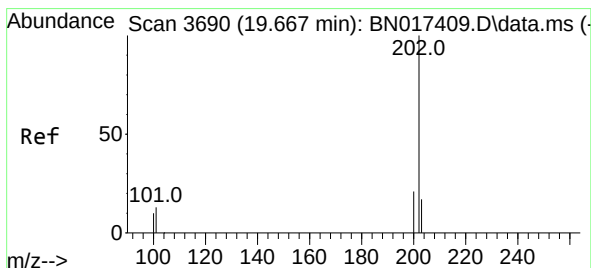
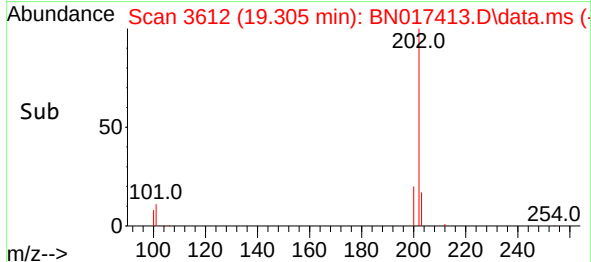
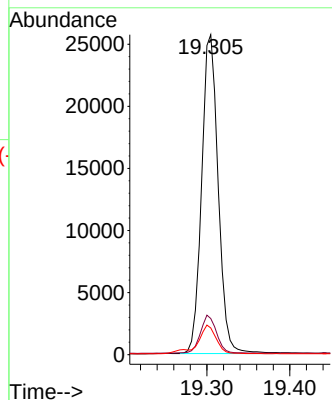
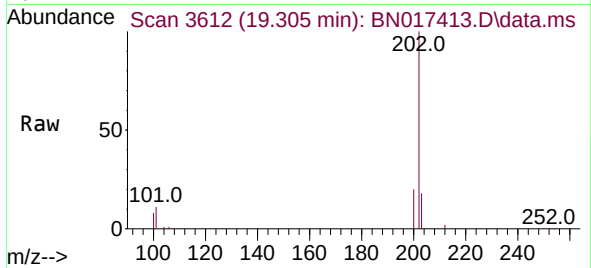




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.305 min Scan# 3612
Delta R.T. -0.010 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

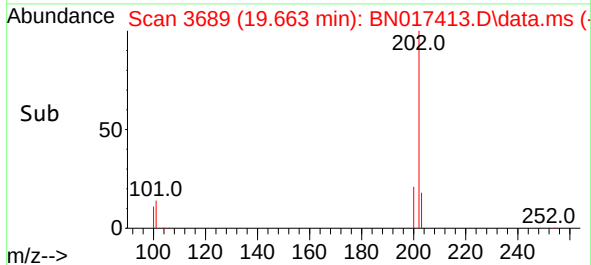
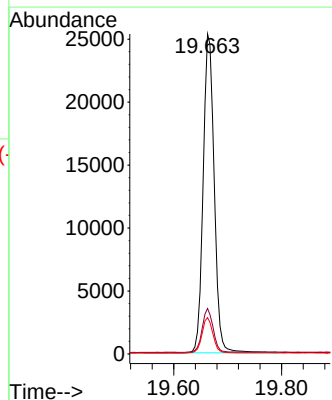
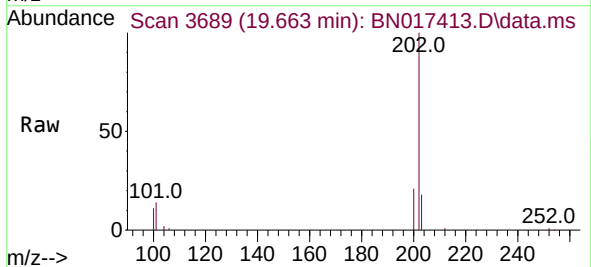
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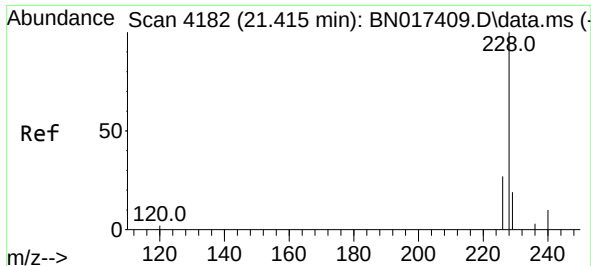
Tgt Ion:202 Resp: 35603
Ion Ratio Lower Upper
202 100
101 11.3 9.0 13.4
100 8.3 6.8 10.2



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.663 min Scan# 3689
Delta R.T. -0.010 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

Tgt Ion:202 Resp: 36091
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.2
100 11.4 9.4 14.0

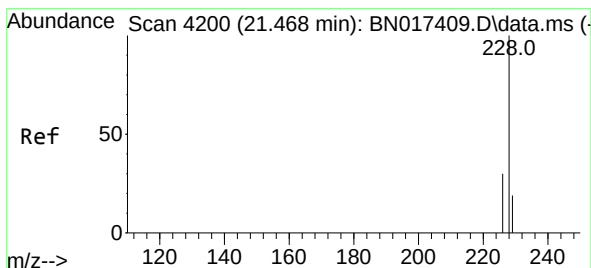
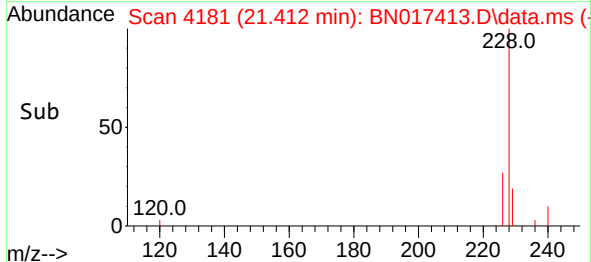
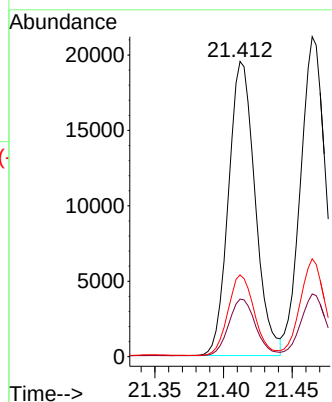
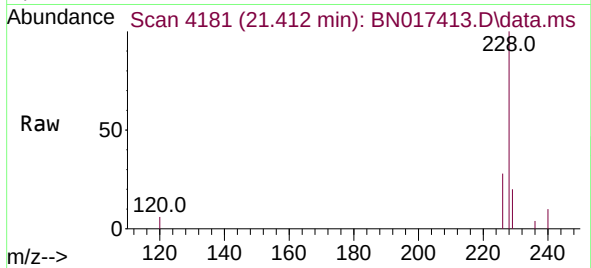




#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 21.412 min Scan# 4182
Delta R.T. -0.013 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

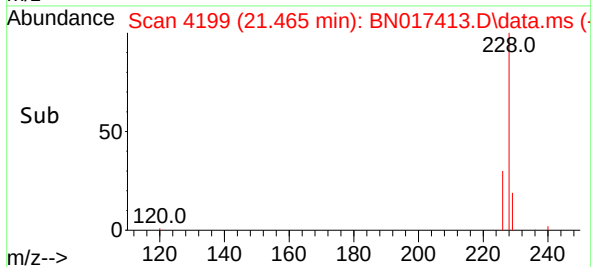
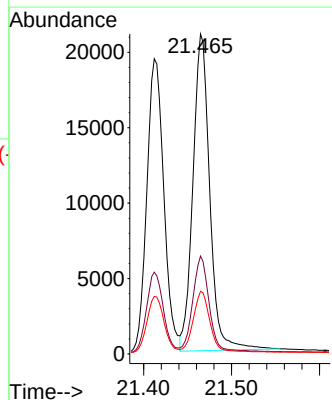
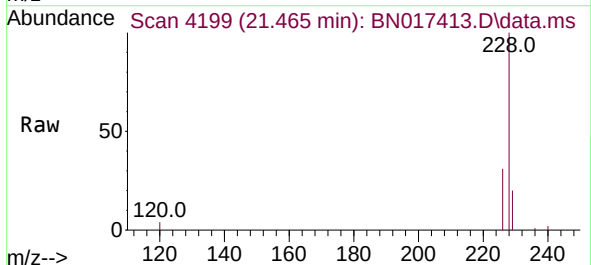
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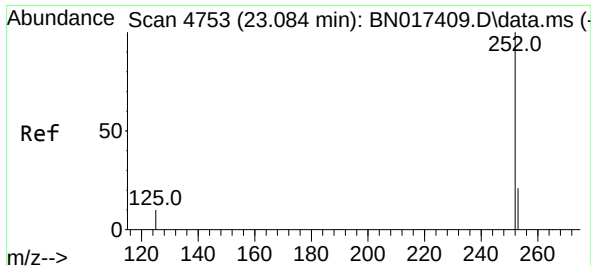
Tgt Ion:228 Resp: 26325
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 27.7 21.8 32.8



#22
Chrysene
Concen: 0.346 ng/ul
RT: 21.465 min Scan# 4199
Delta R.T. -0.013 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

Tgt Ion:228 Resp: 27901
Ion Ratio Lower Upper
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226 30.6 23.9 35.9
229 19.6 15.7 23.5

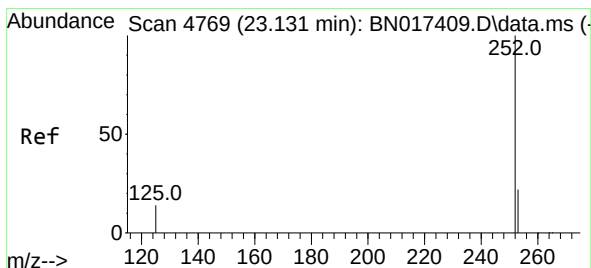
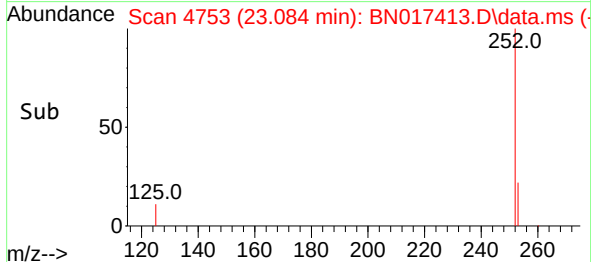
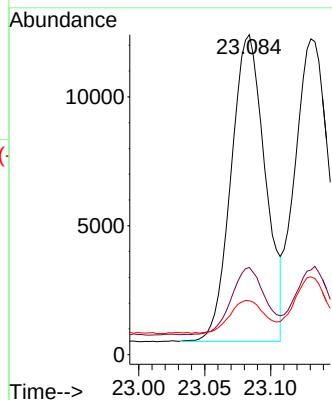
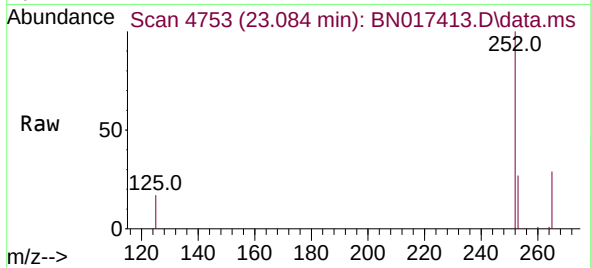




#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 23.084 min Scan# 4753
Delta R.T. -0.016 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

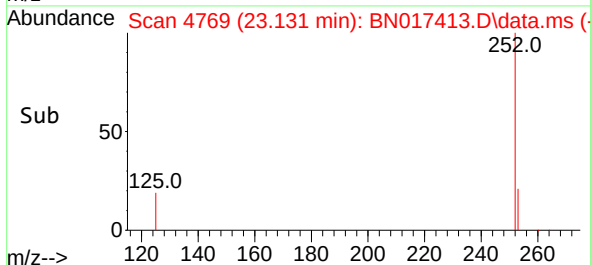
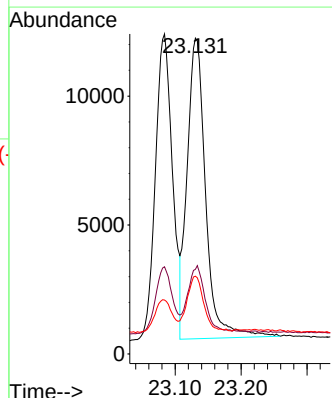
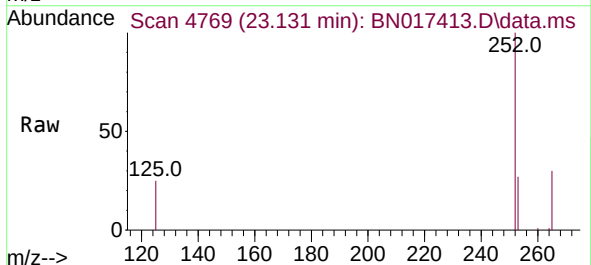
Instrument :
BNA_N
ClientSampleId :
SLCS657

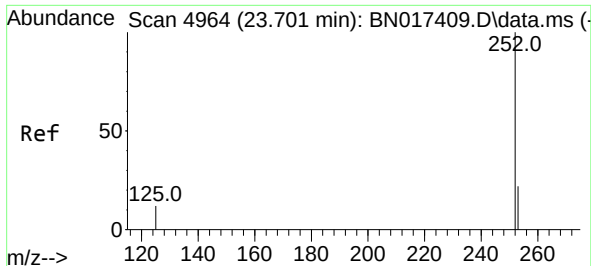
Tgt Ion:252 Resp: 21419
Ion Ratio Lower Upper
252 100
253 27.3 0.0 57.6
125 16.8 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 23.131 min Scan# 4769
Delta R.T. -0.016 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

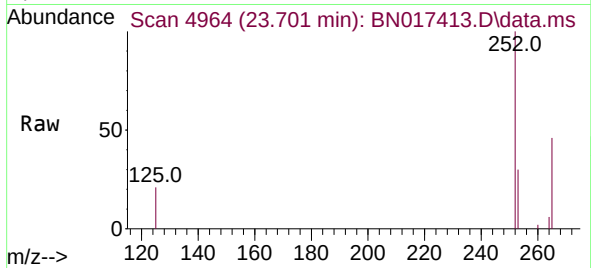
Tgt Ion:252 Resp: 22704
Ion Ratio Lower Upper
252 100
253 26.8 23.1 34.7
125 24.6 17.1 25.7



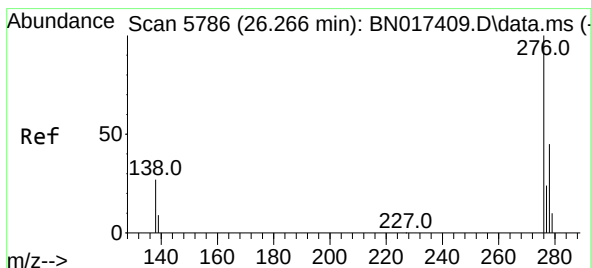
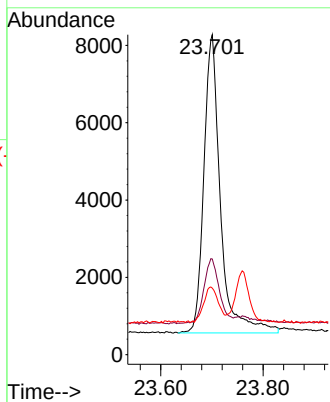
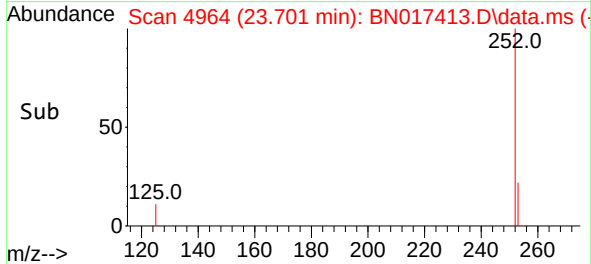


#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.701 min Scan# 4964
Delta R.T. -0.013 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

Instrument :
BNA_N
ClientSampleId :
SLCS657

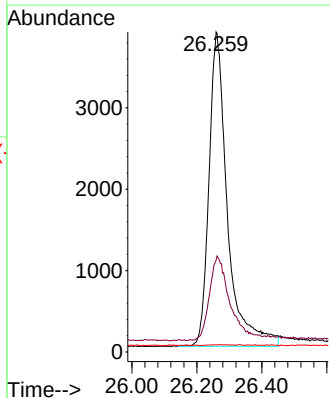
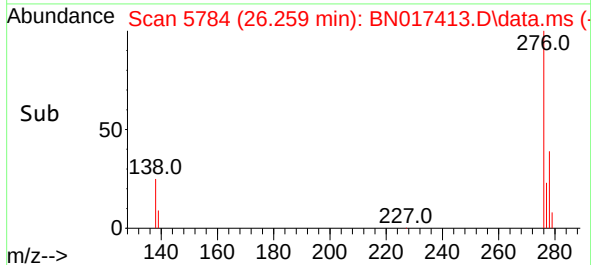
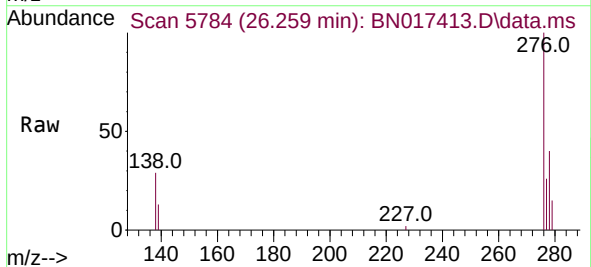


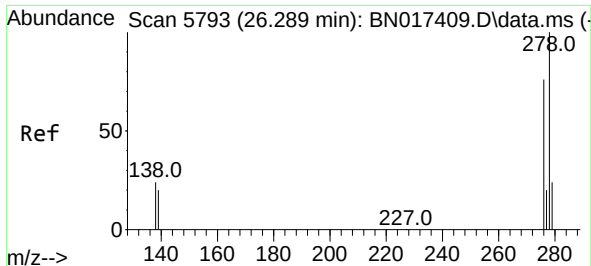
Tgt Ion:252 Resp: 17353
Ion Ratio Lower Upper
252 100
253 29.9 25.0 37.4
125 20.8 19.3 28.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.259 min Scan# 5784
Delta R.T. -0.028 min
Lab File: BN017413.D
Acq: 14 Nov 2021 05:14

Tgt Ion:276 Resp: 15262
Ion Ratio Lower Upper
276 100
138 30.5 0.1 0.1#
227 0.1 0.0 0.0#

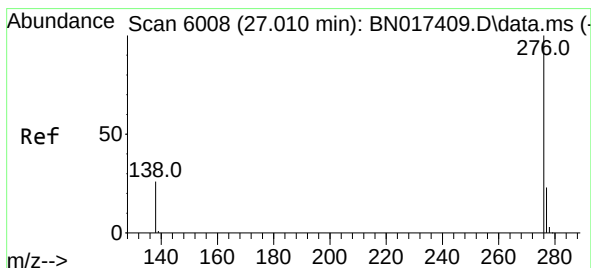
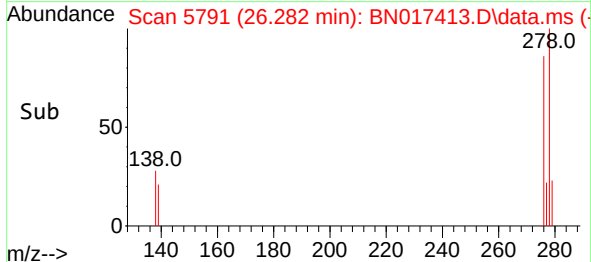
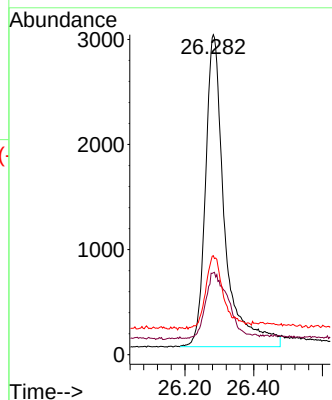
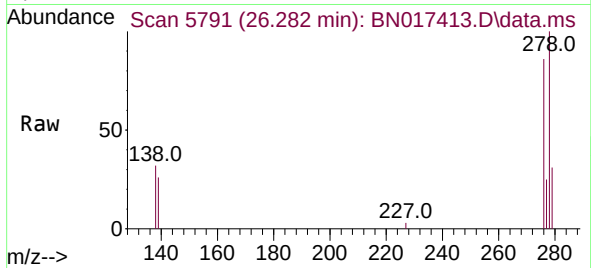




#28
 Dibenzo(a,h)anthracene
 Concen: 0.373 ng/ul
 RT: 26.282 min Scan# 51
 Delta R.T. -0.031 min
 Lab File: BN017413.D
 Acq: 14 Nov 2021 05:14

Instrument :
 BNA_N
 ClientSampleId :
 SLCS657

Tgt Ion:278 Resp: 11489
 Ion Ratio Lower Upper
 278 100
 139 25.6 21.8 32.8
 279 31.0 26.3 39.5



#29
 Benzo(g,h,i)perylene
 Concen: 0.381 ng/ul
 RT: 27.010 min Scan# 6008
 Delta R.T. -0.028 min
 Lab File: BN017413.D
 Acq: 14 Nov 2021 05:14

Tgt Ion:276 Resp: 14459
 Ion Ratio Lower Upper
 276 100
 138 27.5 24.5 36.7
 277 25.9 21.2 31.8

