

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033012.D
 Acq On : 27 Jul 2024 00:15
 Operator : MA/JU
 Sample : PB162190BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS190

Quant Time: Jul 27 00:40:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

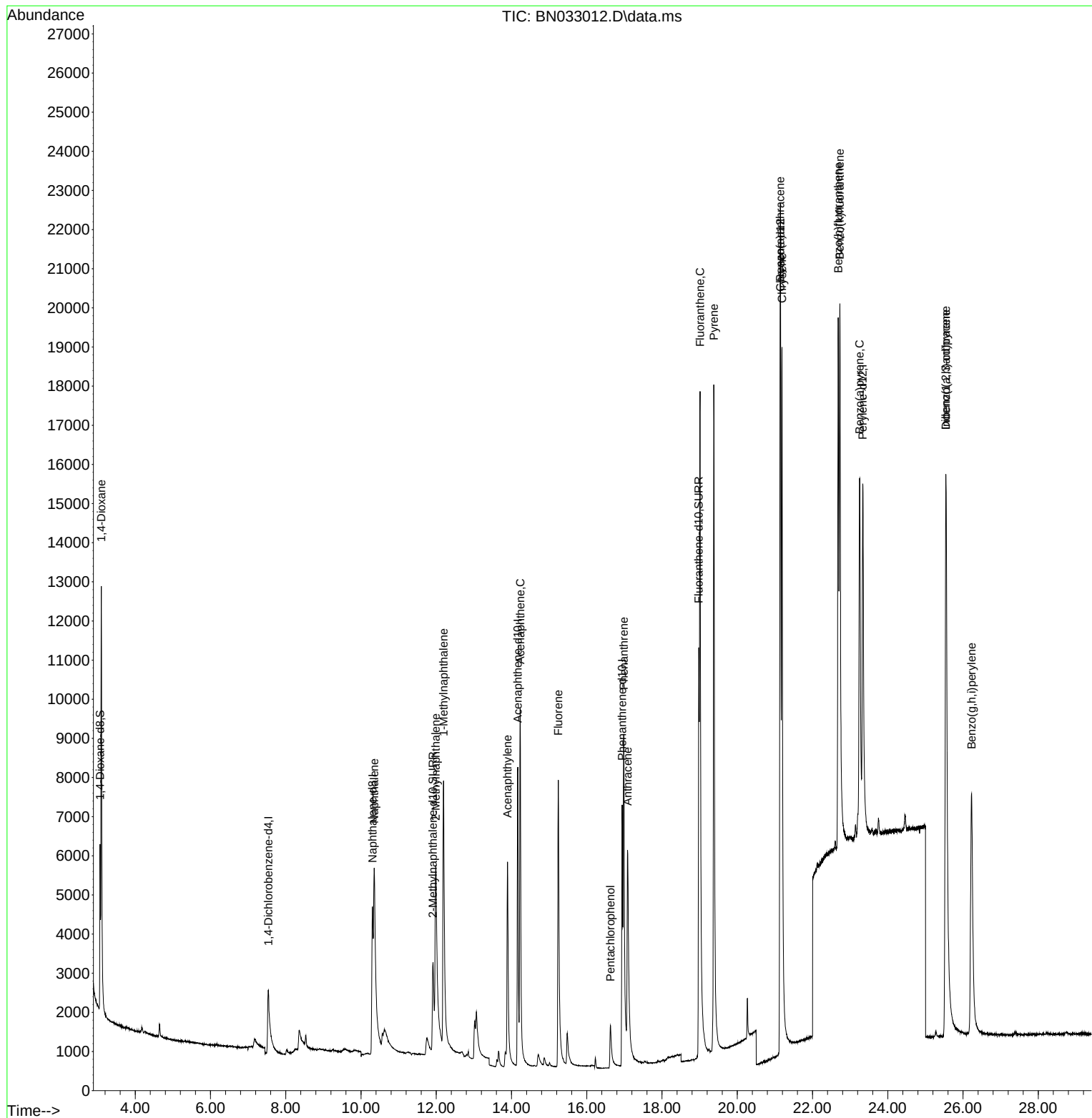
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.537	152	2376	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	11337	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.166	164	5908	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	12791	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	13656	0.400	ng/ul	-0.01
23) Perylene-d12	23.334	264	14924	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.065	96	2986	0.994	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.912	152	6997	0.378	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	17269	0.447	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.098	88	8285	2.418	ng/ul#	68
5) Naphthalene	10.350	128	11892	0.408	ng/ul	97
7) 2-Methylnaphthalene	11.989	142	7538	0.382	ng/ul	99
8) 1-Methylnaphthalene	12.192	142	7912	0.371	ng/ul	100
10) Acenaphthylene	13.893	152	9197	0.380	ng/ul	99
11) Acenaphthene	14.231	153	7597	0.418	ng/ul	99
12) Fluorene	15.244	166	8110	0.383	ng/ul	99
14) Pentachlorophenol	16.629	266	1599	0.614	ng/ul	99
15) Phenanthrene	16.983	178	12317	0.359	ng/ul	100
16) Anthracene	17.085	178	10928	0.354	ng/ul	99
19) Fluoranthene	19.009	202	20458	0.455	ng/ul	99
20) Pyrene	19.376	202	21694	0.450	ng/ul	99
21) Benzo(a)anthracene	21.137	228	18317	0.393	ng/ul	99
22) Chrysene	21.189	228	23224	0.427	ng/ul	98
24) Benzo(b)fluoranthene	22.682	252	19530	0.448	ng/ul	93
25) Benzo(k)fluoranthene	22.726	252	23711	0.454	ng/ul#	91
26) Benzo(a)pyrene	23.253	252	19358	0.472	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.544	276	22233	0.356	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.544	278	17199	0.348	ng/ul	95
29) Benzo(g,h,i)perylene	26.228	276	17430	0.352	ng/ul	96

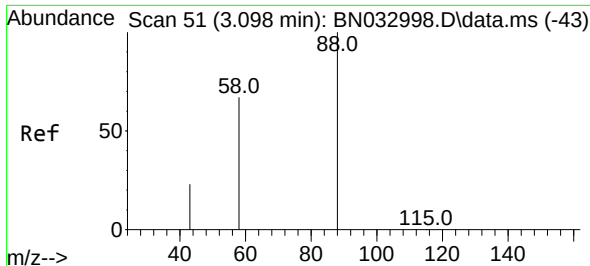
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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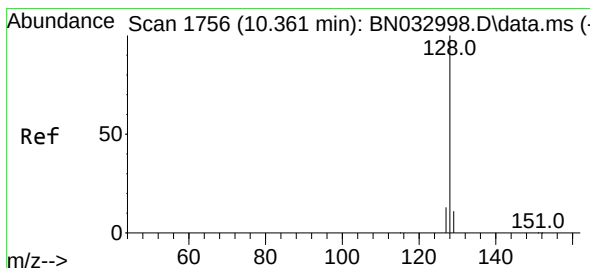
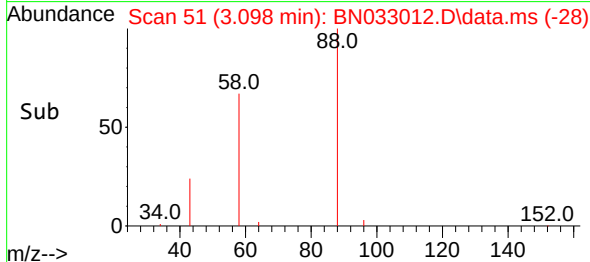
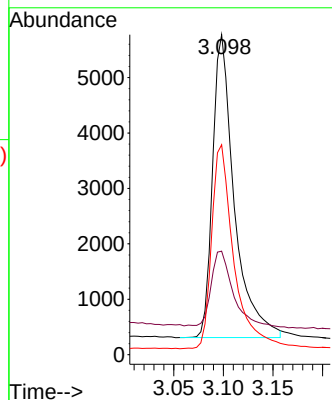
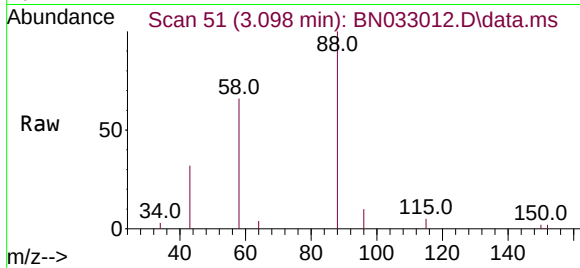




#2
1,4-Dioxane
Concen: 2.418 ng/ul
RT: 3.098 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

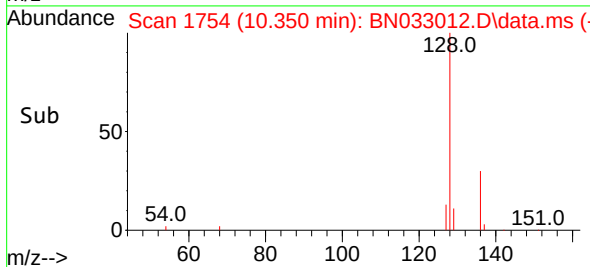
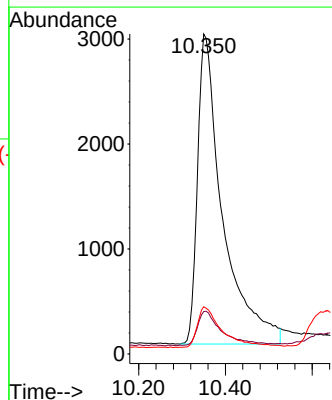
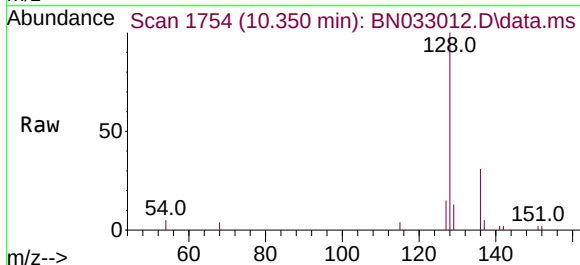
Instrument :
BNA_N
ClientSampleId :
SLCS190

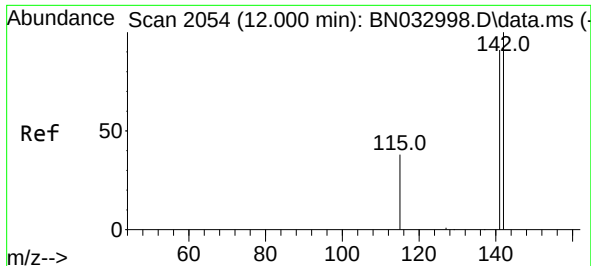
Tgt Ion: 88 Resp: 8285
Ion Ratio Lower Upper
88 100
43 32.4 63.4 95.2#
58 65.6 49.4 74.0



#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.350 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

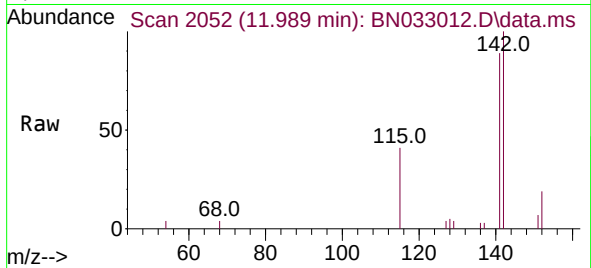
Tgt Ion:128 Resp: 11892
Ion Ratio Lower Upper
128 100
129 13.3 12.0 18.0
127 14.8 12.7 19.1



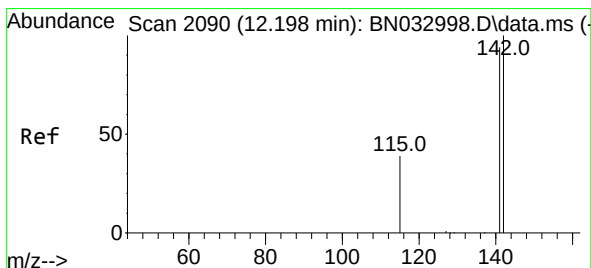
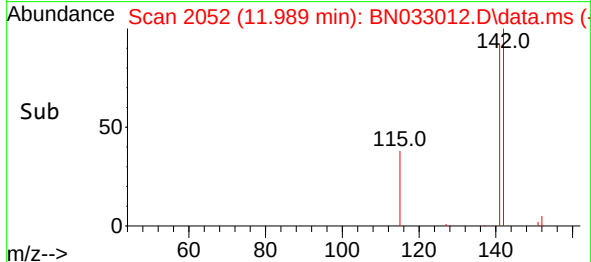
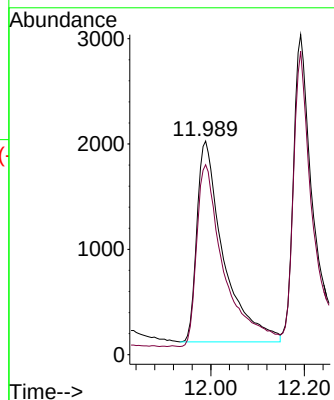


#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 11.989 min Scan# 2052
Delta R.T. 0.006 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

Instrument :
BNA_N
ClientSampleId :
SLCS190

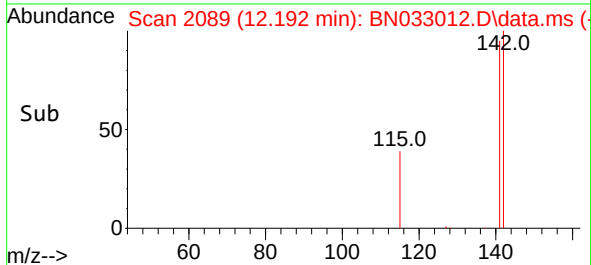
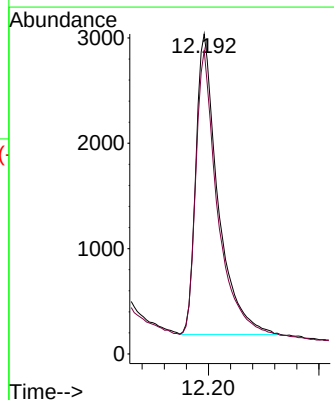
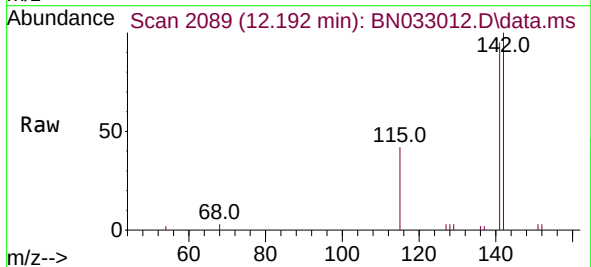


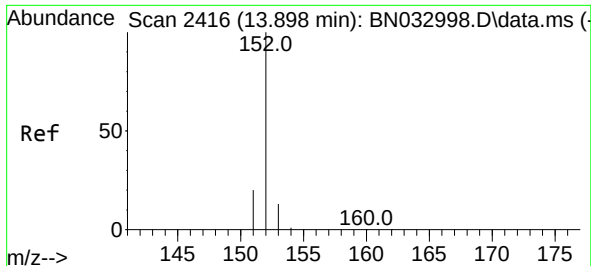
Tgt Ion:142 Resp: 7538
Ion Ratio Lower Upper
142 100
141 94.6 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.192 min Scan# 2089
Delta R.T. -0.005 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

Tgt Ion:142 Resp: 7912
Ion Ratio Lower Upper
142 100
141 92.7 74.3 111.5

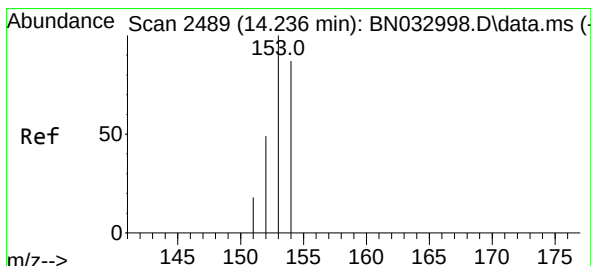
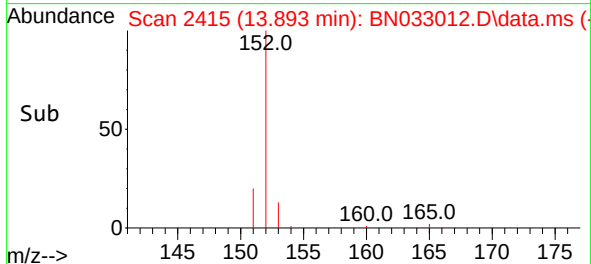
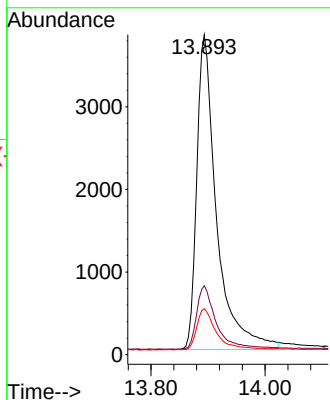
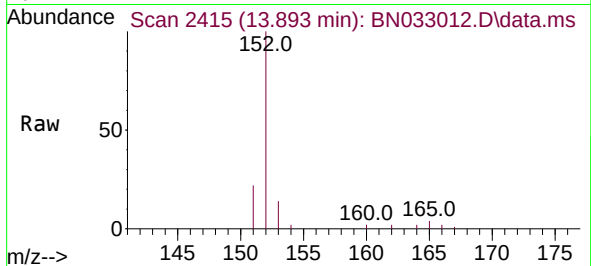




#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 13.893 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

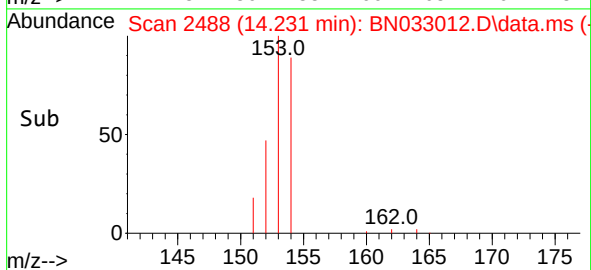
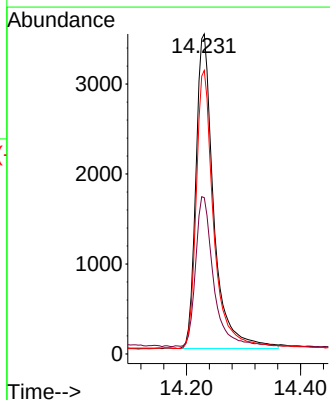
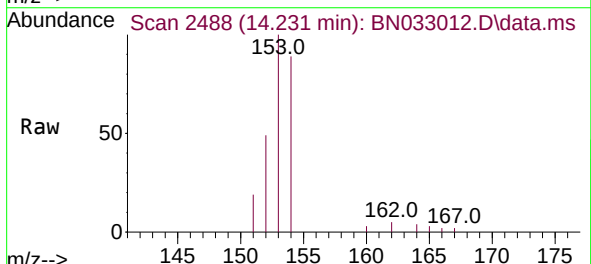
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BNA_N
ClientSampleId :
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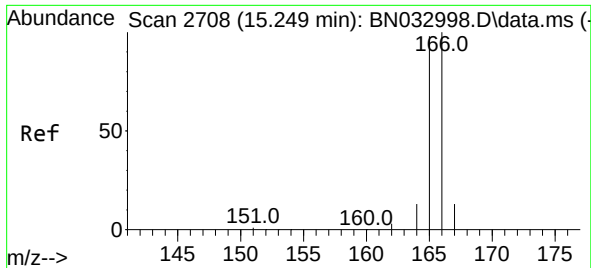
Tgt Ion:152 Resp: 9197
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2
153 14.4 11.9 17.9



#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.231 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

Tgt Ion:153 Resp: 7597
Ion Ratio Lower Upper
153 100
152 48.8 40.0 60.0
154 88.6 70.1 105.1

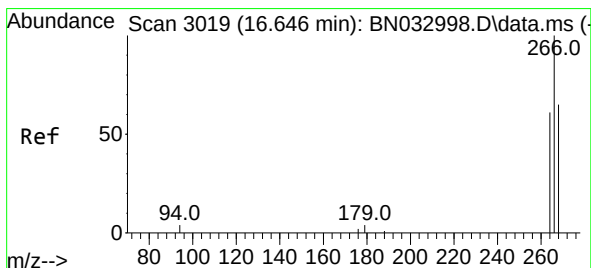
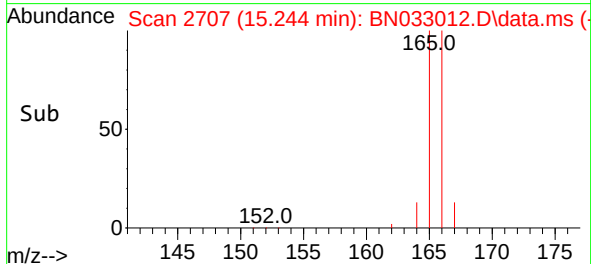
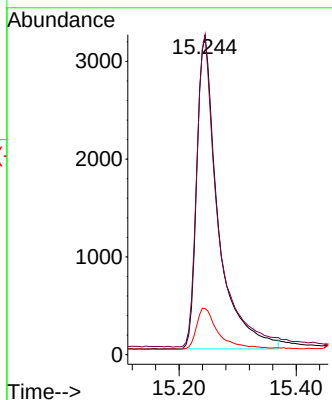
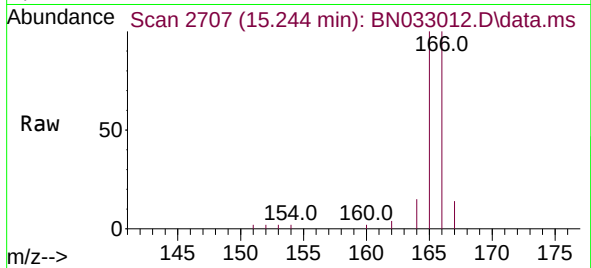




#12
 Fluorene
 Concen: 0.383 ng/ul
 RT: 15.244 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN033012.D
 Acq: 27 Jul 2024 00:15

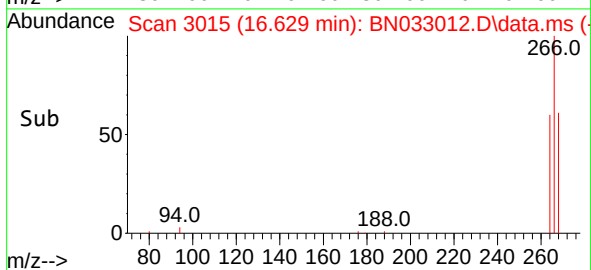
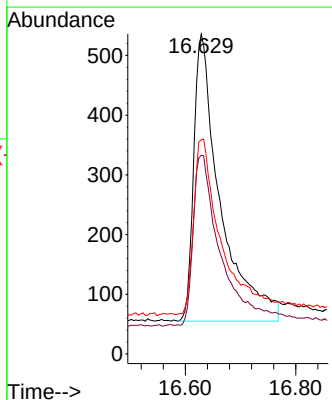
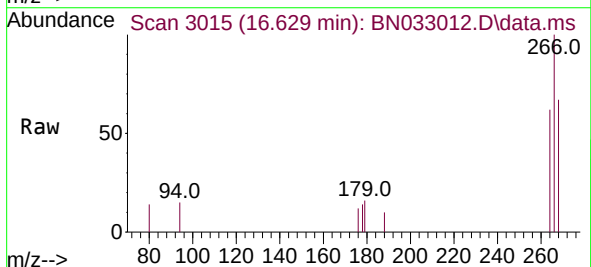
Instrument :
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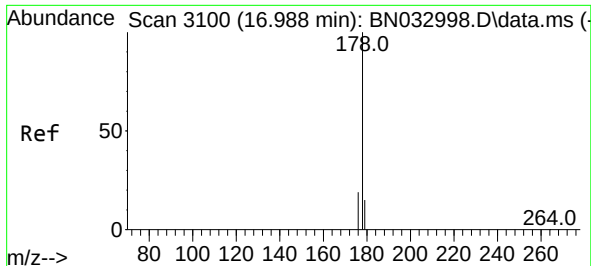
Tgt Ion:166 Resp: 8110
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.6 119.4
 167 14.4 12.2 18.4



#14
 Pentachlorophenol
 Concen: 0.614 ng/ul
 RT: 16.629 min Scan# 3015
 Delta R.T. -0.008 min
 Lab File: BN033012.D
 Acq: 27 Jul 2024 00:15

Tgt Ion:266 Resp: 1599
 Ion Ratio Lower Upper
 266 100
 264 61.9 49.3 73.9
 268 63.8 51.8 77.8

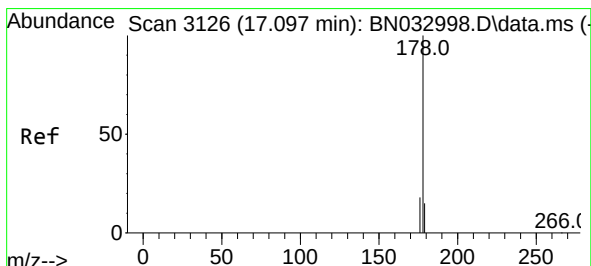
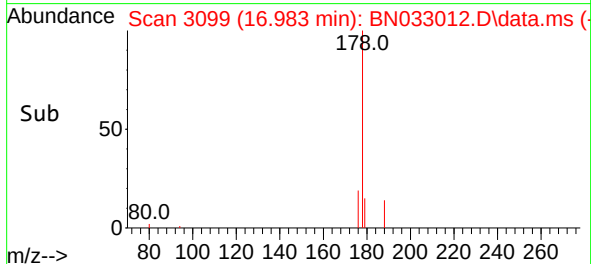
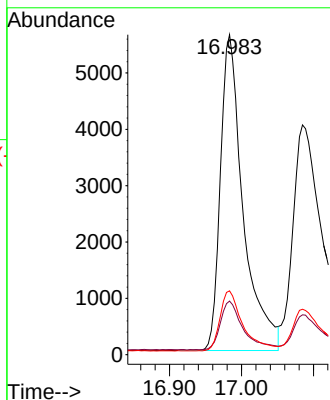
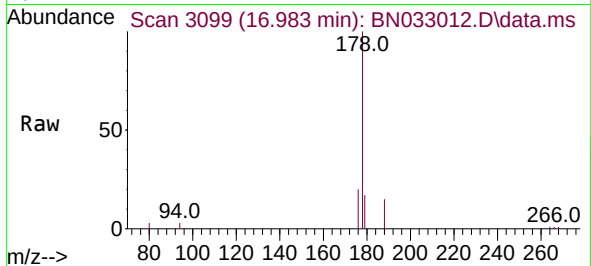




#15
Phenanthrene
Concen: 0.359 ng/ul
RT: 16.983 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

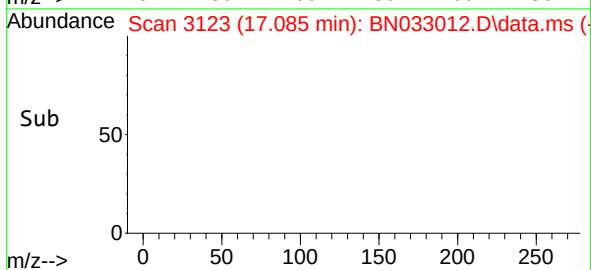
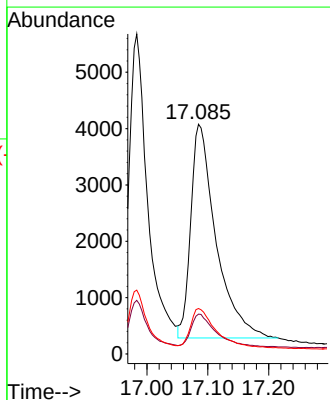
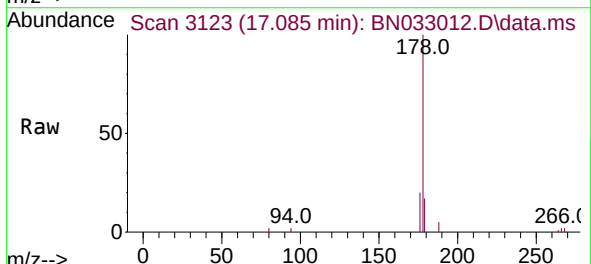
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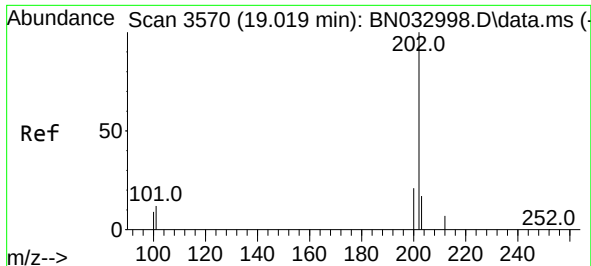
Tgt Ion:178 Resp: 12317
Ion Ratio Lower Upper
178 100
179 16.8 13.7 20.5
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.085 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

Tgt Ion:178 Resp: 10928
Ion Ratio Lower Upper
178 100
179 17.3 14.3 21.5
176 19.8 15.8 23.8

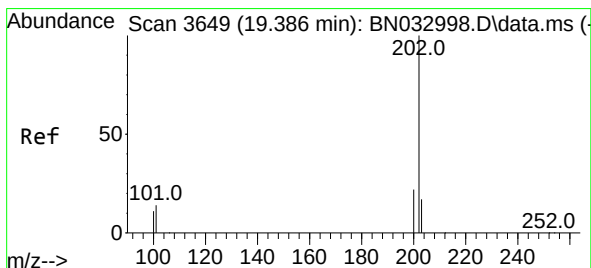
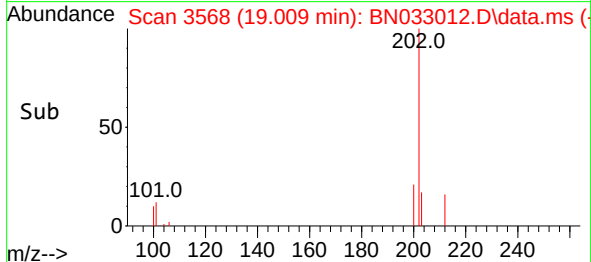
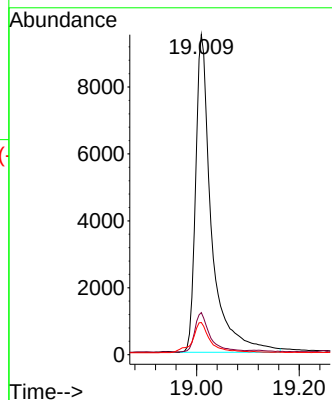
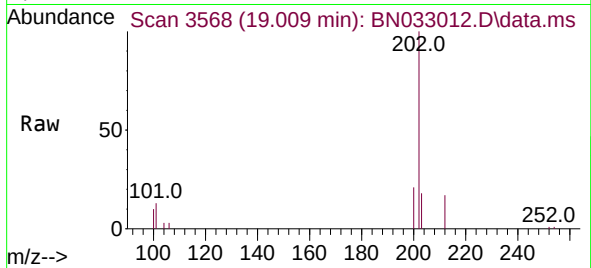




#19
Fluoranthene
Concen: 0.455 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.004 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

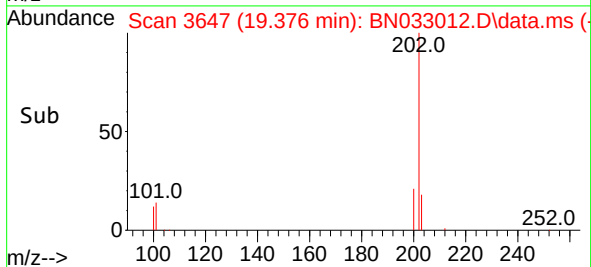
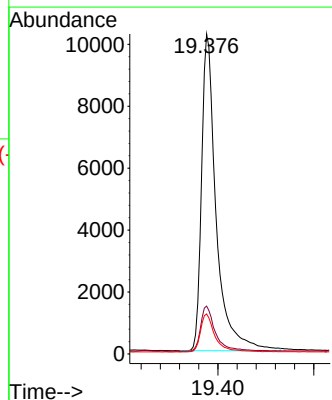
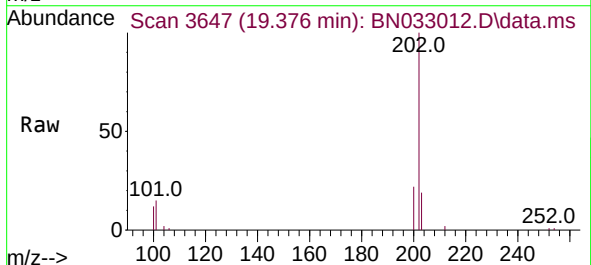
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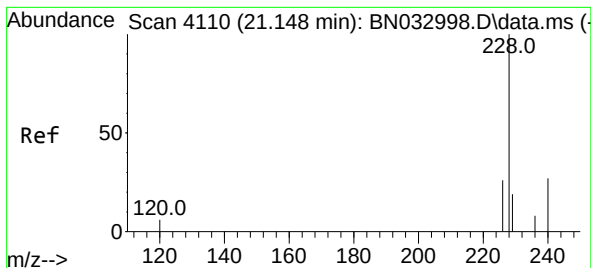
Tgt Ion:202 Resp: 20458
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.0 8.3 12.5



#20
Pyrene
Concen: 0.450 ng/ul
RT: 19.376 min Scan# 3647
Delta R.T. -0.004 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

Tgt Ion:202 Resp: 21694
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.5 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.393 ng/ul

RT: 21.137 min Scan# 4110

Delta R.T. -0.009 min

Lab File: BN033012.D

Acq: 27 Jul 2024 00:15

Instrument :

BNA_N

ClientSampleId :

SLCS190

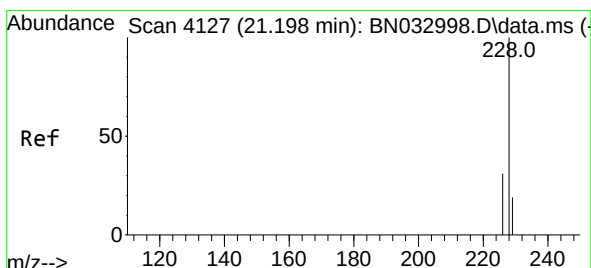
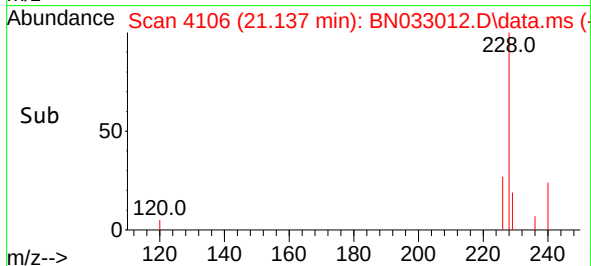
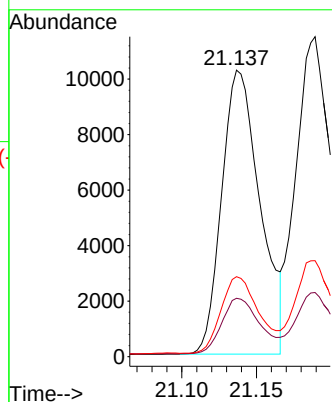
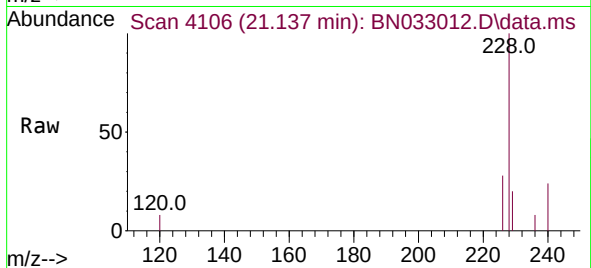
Tgt Ion:228 Resp: 18317

Ion Ratio Lower Upper

228 100

229 20.4 17.1 25.7

226 27.9 22.4 33.6



#22

Chrysene

Concen: 0.427 ng/ul

RT: 21.189 min Scan# 4124

Delta R.T. -0.006 min

Lab File: BN033012.D

Acq: 27 Jul 2024 00:15

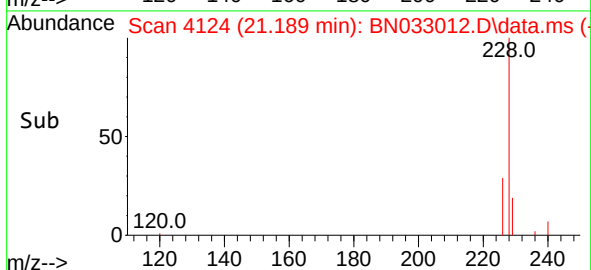
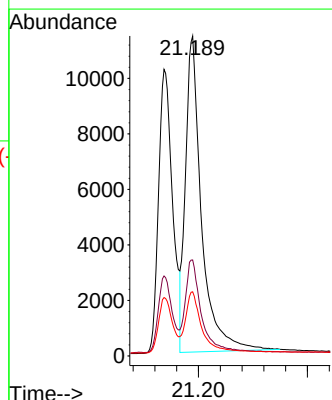
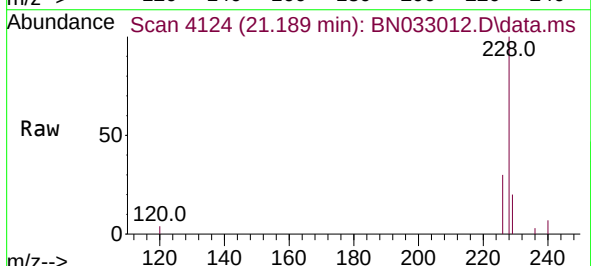
Tgt Ion:228 Resp: 23224

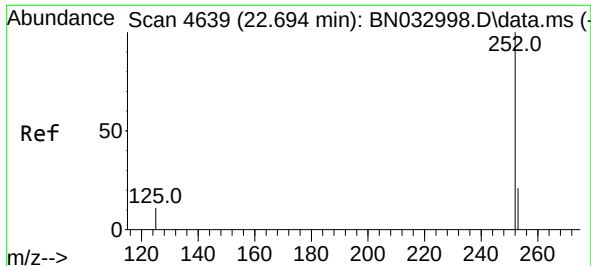
Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

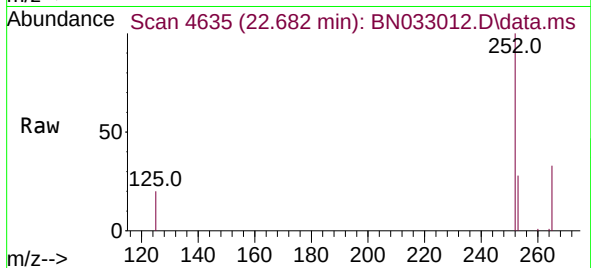
229 20.0 17.0 25.6



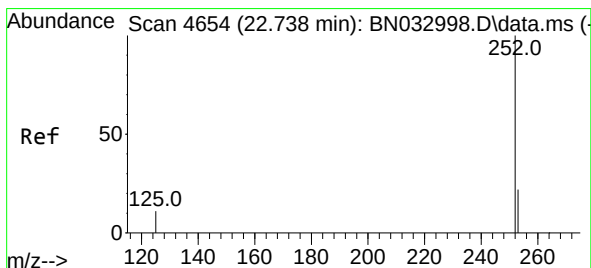
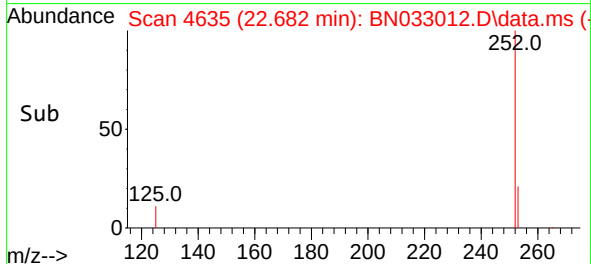
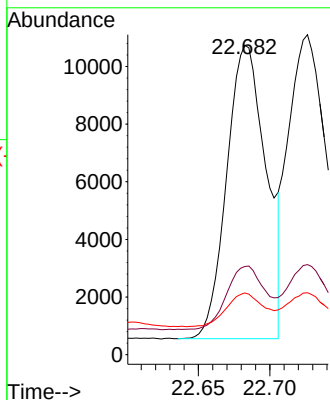


#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul
RT: 22.682 min Scan# 4635
Delta R.T. -0.011 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

Instrument :
BNA_N
ClientSampleId :
SLCS190

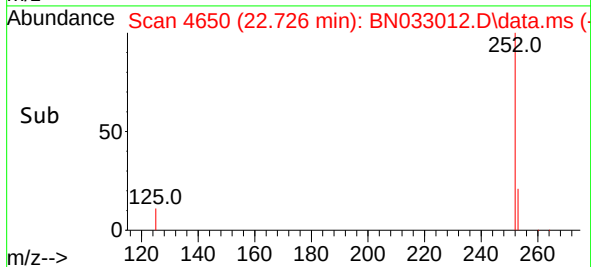
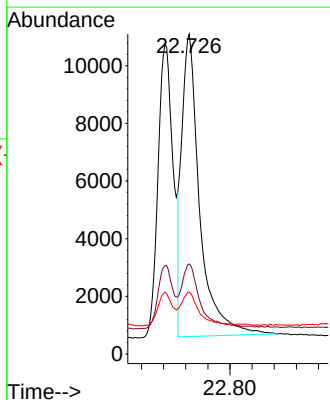
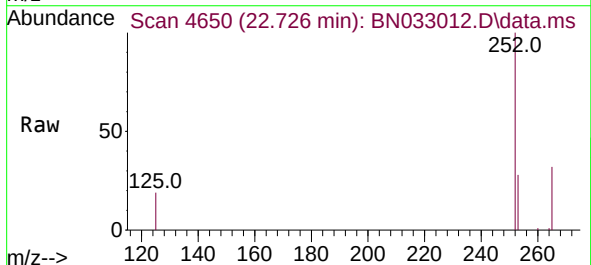


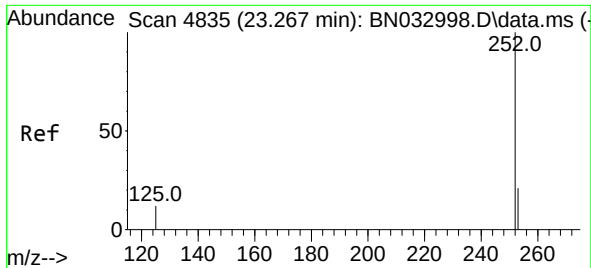
Tgt Ion:252 Resp: 19530
Ion Ratio Lower Upper
252 100
253 28.5 0.0 60.6
125 20.0 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.454 ng/ul
RT: 22.726 min Scan# 4650
Delta R.T. -0.009 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

Tgt Ion:252 Resp: 23711
Ion Ratio Lower Upper
252 100
253 28.1 24.9 37.3
125 19.3 20.9 31.3#

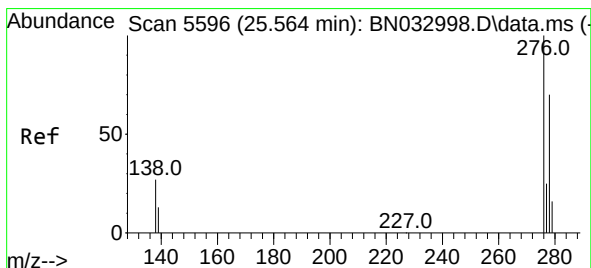
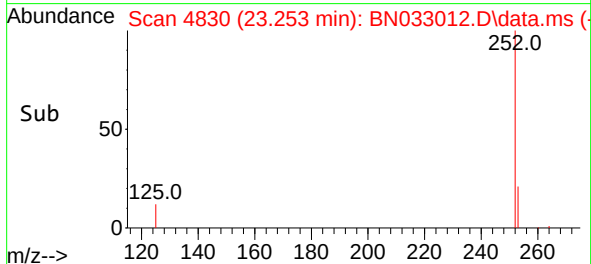
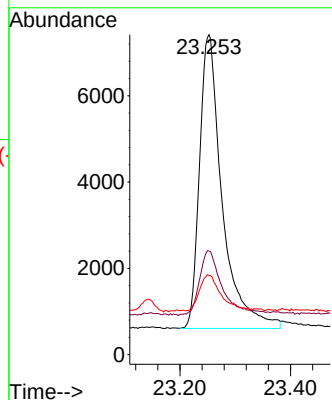
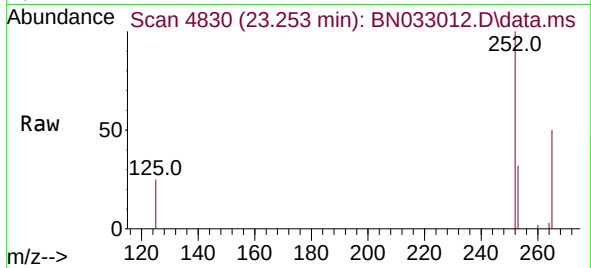




#26
Benzo(a)pyrene
Concen: 0.472 ng/ul
RT: 23.253 min Scan# 4830
Delta R.T. -0.009 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

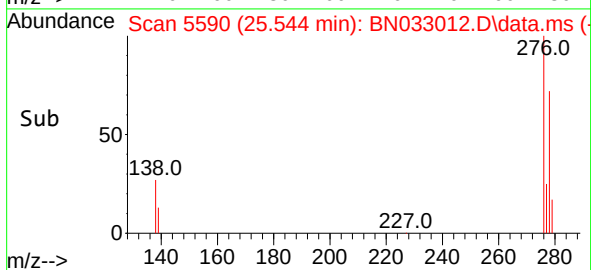
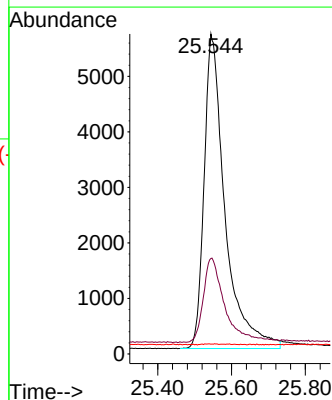
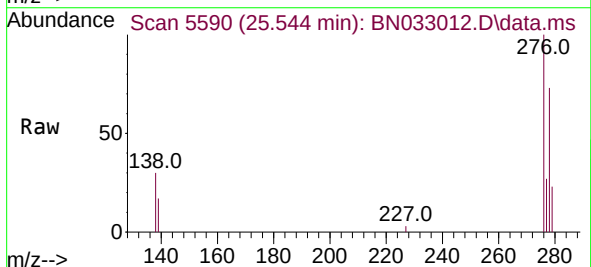
Instrument :
BNA_N
ClientSampleId :
SLCS190

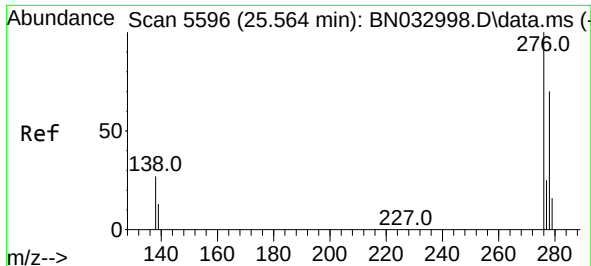
Tgt Ion:252 Resp: 19358
Ion Ratio Lower Upper
252 100
253 32.4 27.5 41.3
125 24.8 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 25.544 min Scan# 5590
Delta R.T. -0.017 min
Lab File: BN033012.D
Acq: 27 Jul 2024 00:15

Tgt Ion:276 Resp: 22233
Ion Ratio Lower Upper
276 100
138 27.5 21.8 32.8
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.348 ng/ul

RT: 25.544 min Scan# 51

Delta R.T. -0.017 min

Lab File: BN033012.D

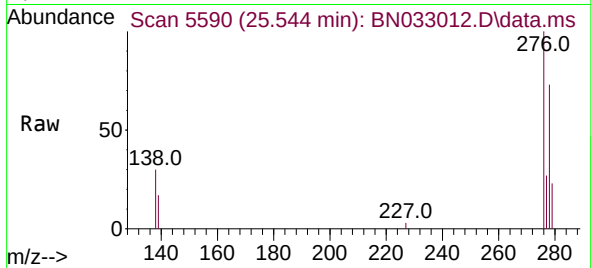
Acq: 27 Jul 2024 00:15

Instrument :

BNA_N

ClientSampleId :

SLCS190



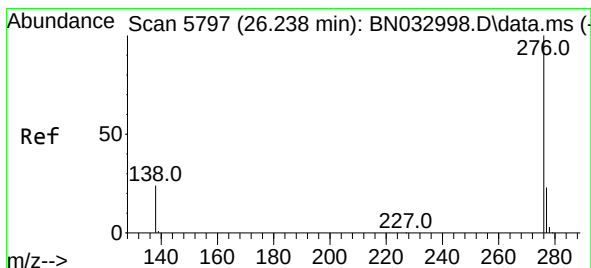
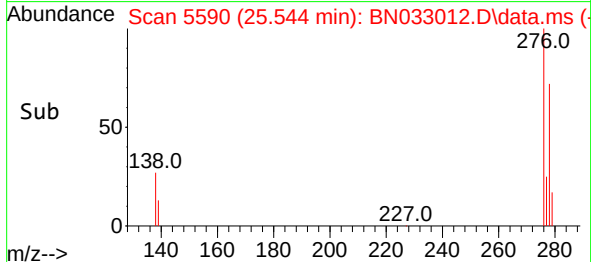
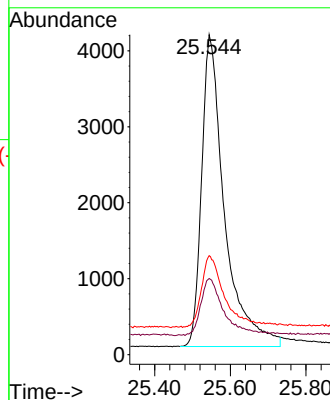
Tgt Ion:278 Resp: 17199

Ion Ratio Lower Upper

278 100

139 23.8 22.5 33.7

279 30.9 25.5 38.3



#29

Benzo(g,h,i)perylene

Concen: 0.352 ng/ul

RT: 26.228 min Scan# 5794

Delta R.T. -0.013 min

Lab File: BN033012.D

Acq: 27 Jul 2024 00:15

Tgt Ion:276 Resp: 17430

Ion Ratio Lower Upper

276 100

138 28.2 24.6 37.0

277 26.6 22.6 34.0

