

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
 Data File : BN033734.D
 Acq On : 03 Sep 2024 10:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4302

Quant Time: Sep 04 01:37:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 01:36:40 2024
 Response via : Initial Calibration

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

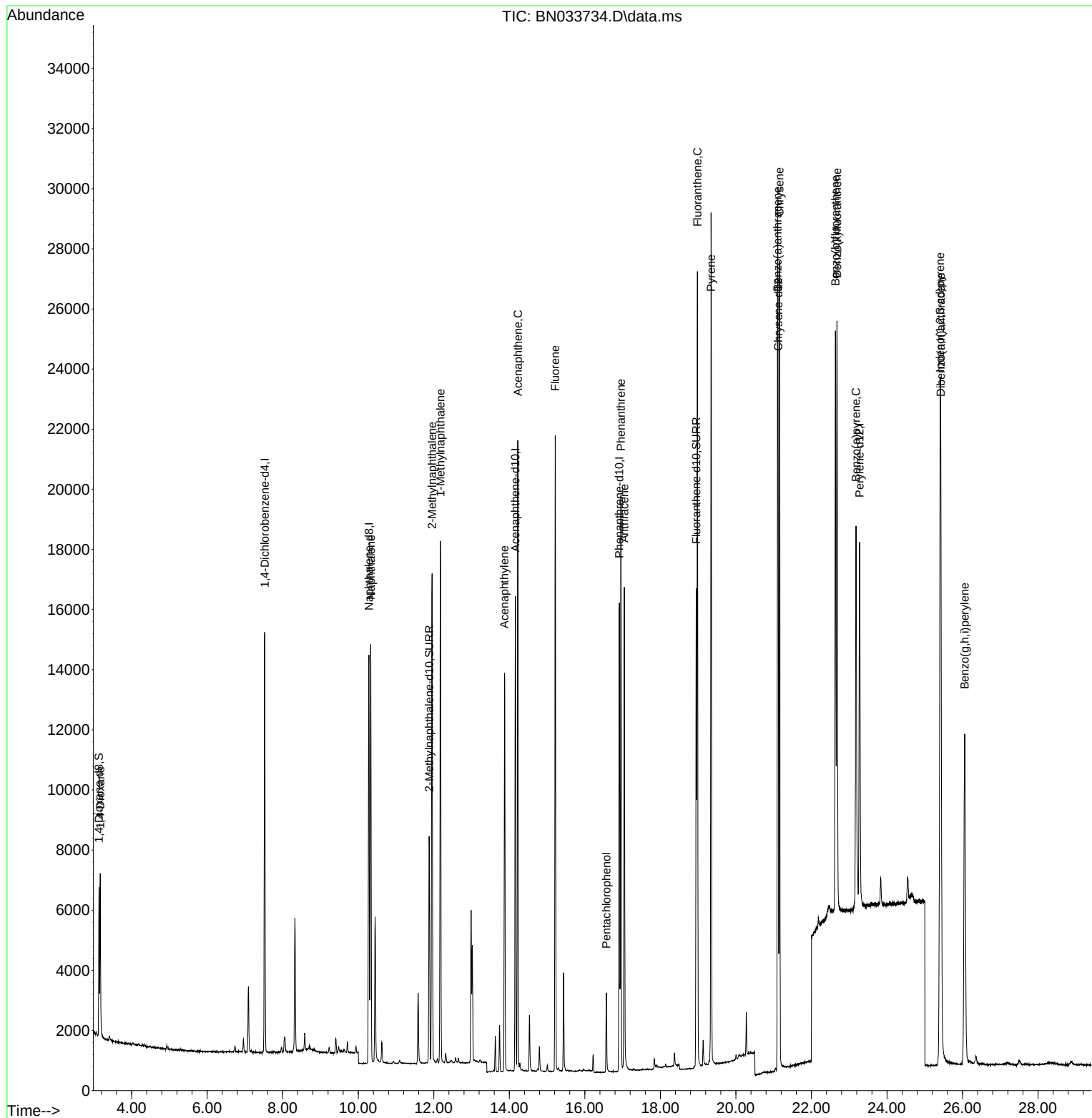
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	6679	0.400	ng/ul	0.00
4) Naphthalene-d8	10.283	136	17645	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.161	164	8595	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.915	188	17489	0.400	ng/ul	0.00
17) Chrysene-d12	21.118	240	14313	0.400	ng/ul	0.00
23) Perylene-d12	23.275	264	15621	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	2870	0.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.878	152	9753	0.385	ng/ul	0.00
18) Fluoranthene-d10	18.952	212	16983	0.398	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.169	88	3132	0.411	ng/ul#	87
5) Naphthalene	10.332	128	18457	0.391	ng/ul	99
7) 2-Methylnaphthalene	11.955	142	11429	0.382	ng/ul	99
8) 1-Methylnaphthalene	12.175	142	11803	0.384	ng/ul	99
10) Acenaphthylene	13.874	152	15020	0.385	ng/ul	100
11) Acenaphthene	14.225	153	11442	0.406	ng/ul	99
12) Fluorene	15.215	166	12669	0.402	ng/ul	99
14) Pentachlorophenol	16.568	266	1778	0.323	ng/ul	99
15) Phenanthrene	16.953	178	19616	0.380	ng/ul	99
16) Anthracene	17.046	178	17252	0.372	ng/ul	100
19) Fluoranthene	18.980	202	21766	0.385	ng/ul	99
20) Pyrene	19.343	202	23123	0.386	ng/ul	99
21) Benzo(a)anthracene	21.103	228	21107	0.375	ng/ul	99
22) Chrysene	21.156	228	21587	0.379	ng/ul	100
24) Benzo(b)fluoranthene	22.634	252	22456	0.370	ng/ul	98
25) Benzo(k)fluoranthene	22.678	252	23551	0.388	ng/ul	98
26) Benzo(a)pyrene	23.181	252	18082	0.371	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.408	276	26965	0.369	ng/ul	97
28) Dibenzo(a,h)anthracene	25.425	278	21117	0.372	ng/ul	99
29) Benzo(g,h,i)perylene	26.059	276	21079	0.369	ng/ul	100

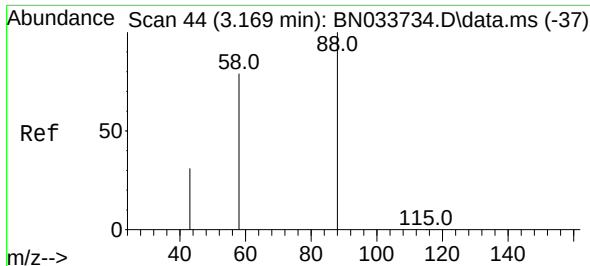
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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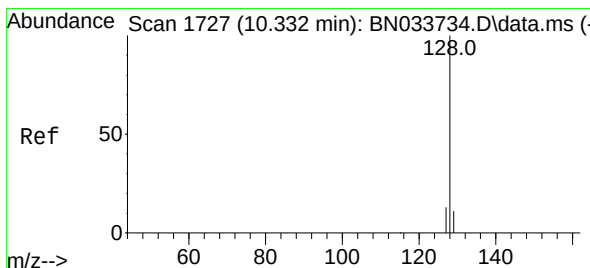
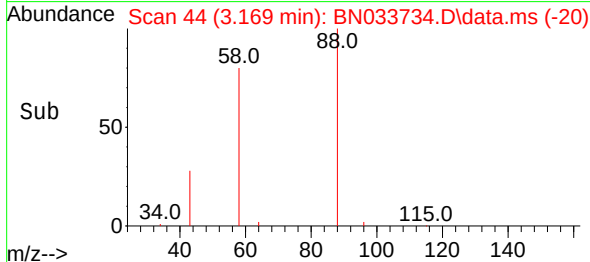
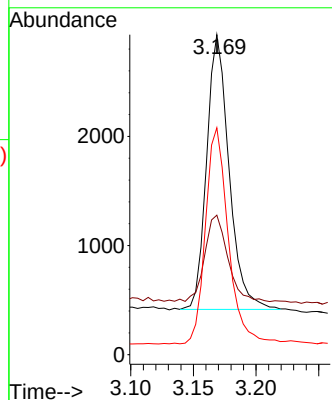
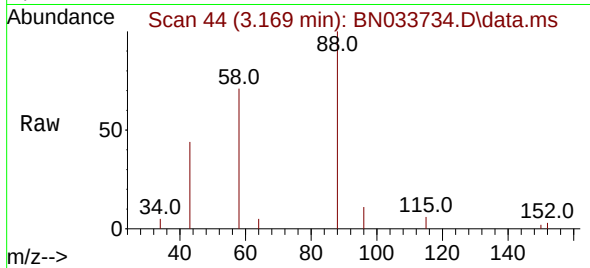




#2
1,4-Dioxane
Concen: 0.411 ng/ul
RT: 3.169 min Scan# 44
Delta R.T. 0.000 min
Lab File: BN033734.D
Acq: 03 Sep 2024 10:55

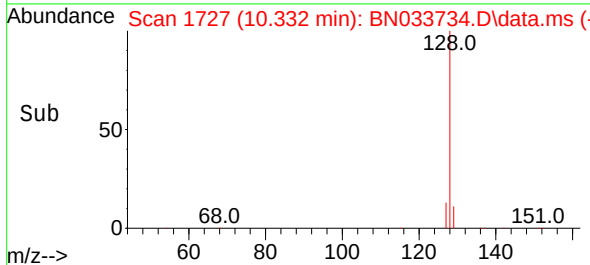
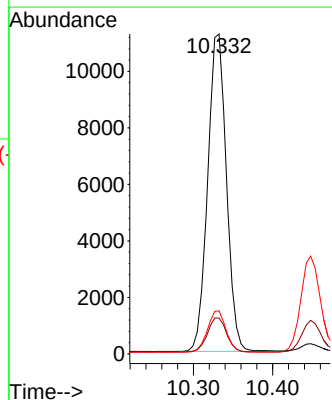
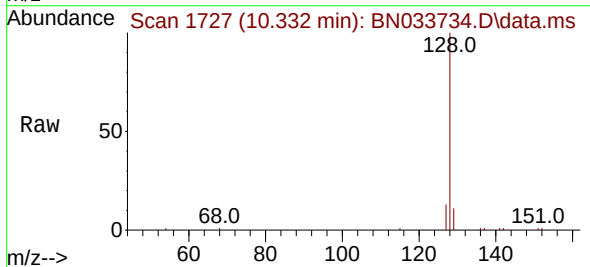
Instrument :
BNA_N
ClientSampleId :
SSTD0.4302

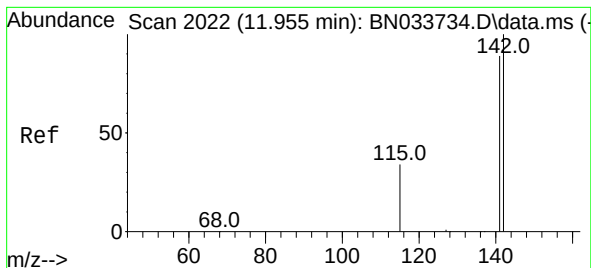
Tgt Ion: 88 Resp: 3132
Ion Ratio Lower Upper
88 100
43 43.6 47.0 70.4#
58 70.9 53.0 79.4



#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.332 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BN033734.D
Acq: 03 Sep 2024 10:55

Tgt Ion: 128 Resp: 18457
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.5 10.8 16.2





#7

2-Methylnaphthalene

Concen: 0.382 ng/ul

RT: 11.955 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BN033734.D

Acq: 03 Sep 2024 10:55

Instrument :

BNA_N

ClientSampleId :

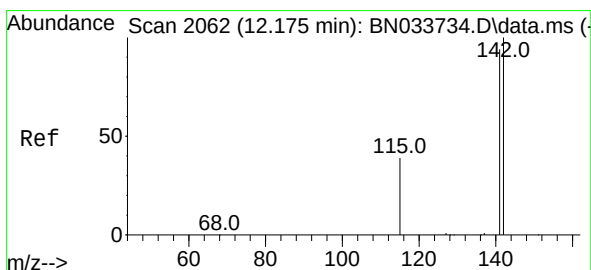
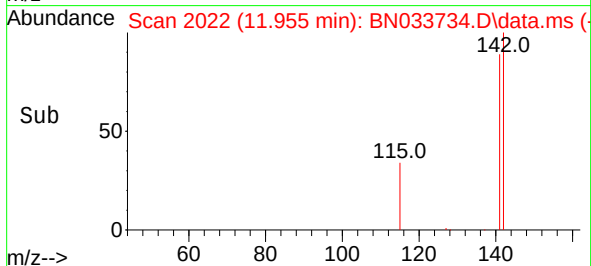
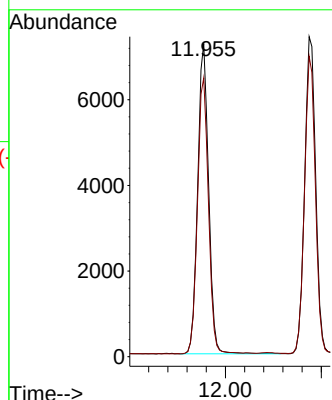
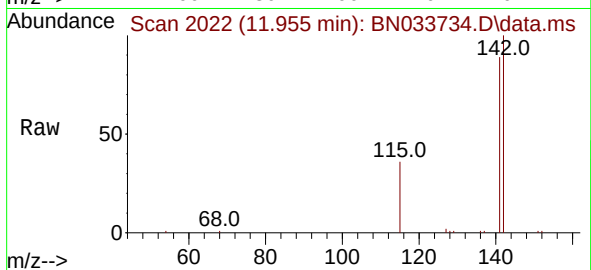
SSTD0.4302

Tgt Ion:142 Resp: 11429

Ion Ratio Lower Upper

142 100

141 89.6 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.384 ng/ul

RT: 12.175 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BN033734.D

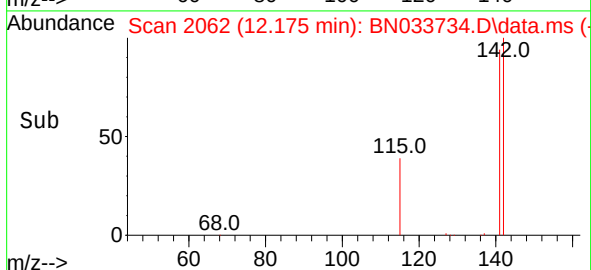
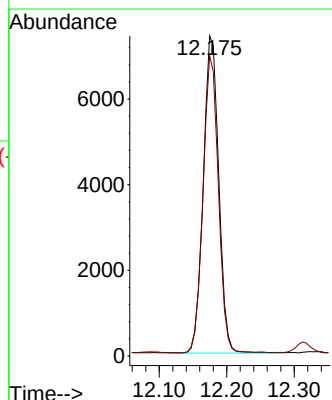
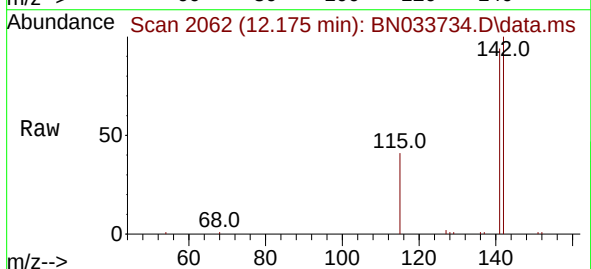
Acq: 03 Sep 2024 10:55

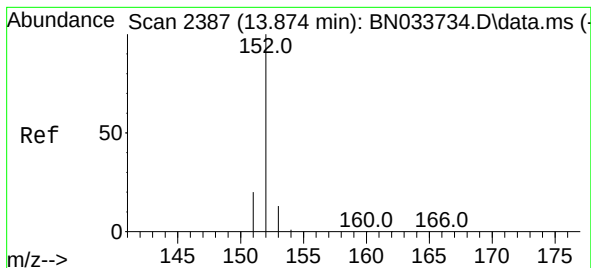
Tgt Ion:142 Resp: 11803

Ion Ratio Lower Upper

142 100

141 92.7 73.6 110.4

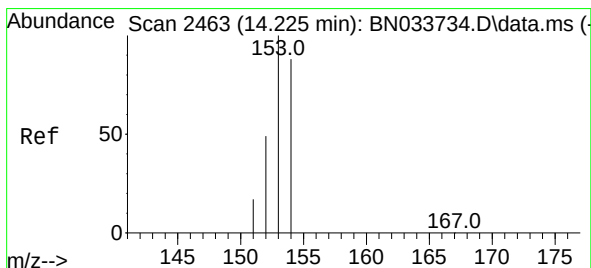
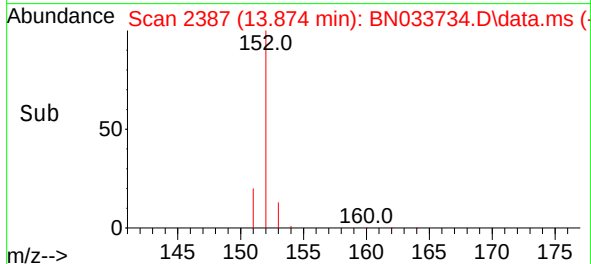
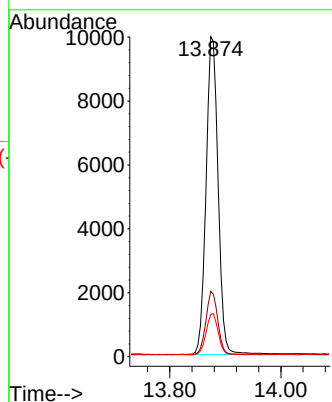
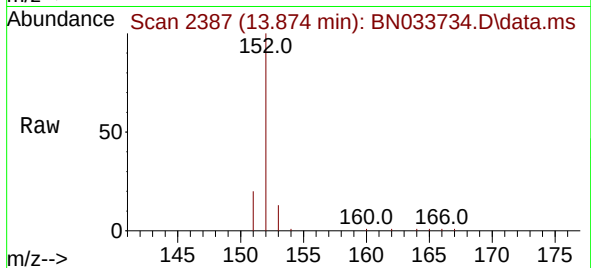




#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 13.874 min Scan# 2387
Delta R.T. 0.000 min
Lab File: BN033734.D
Acq: 03 Sep 2024 10:55

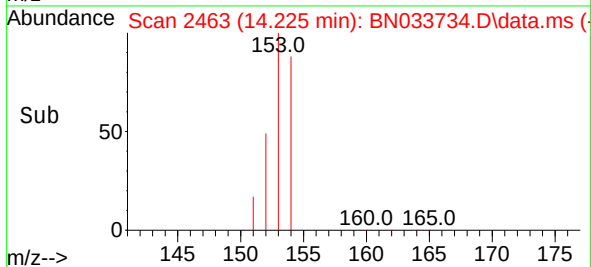
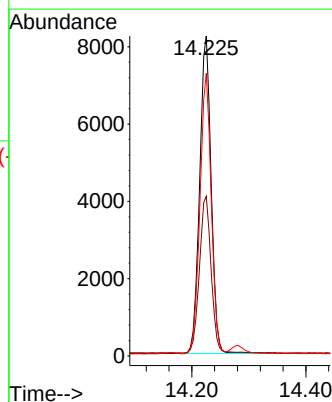
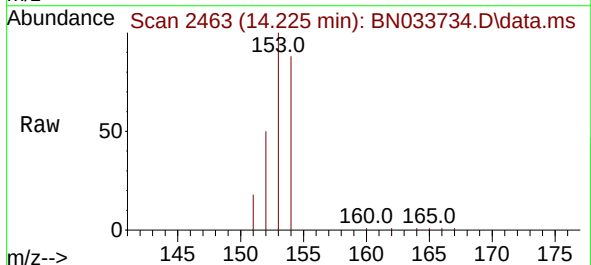
Instrument :
BNA_N
ClientSampleId :
SSTD0.4302

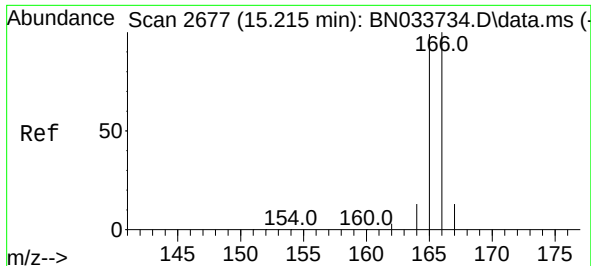
Tgt Ion:152 Resp: 15020
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.2 10.8 16.2



#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.225 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN033734.D
Acq: 03 Sep 2024 10:55

Tgt Ion:153 Resp: 11442
Ion Ratio Lower Upper
153 100
152 49.9 39.8 59.8
154 88.3 69.0 103.6





#12

Fluorene

Concen: 0.402 ng/ul

RT: 15.215 min Scan# 2677

Delta R.T. 0.000 min

Lab File: BN033734.D

Acq: 03 Sep 2024 10:55

Instrument :

BNA_N

ClientSampleId :

SSTD0.4302

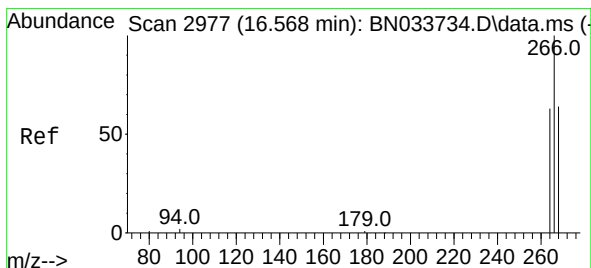
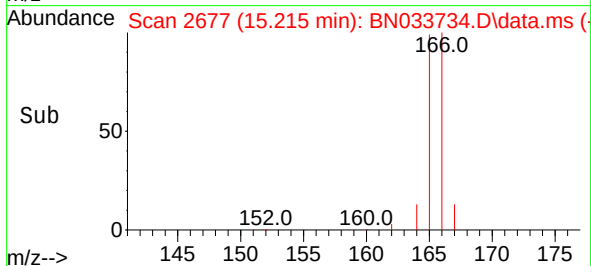
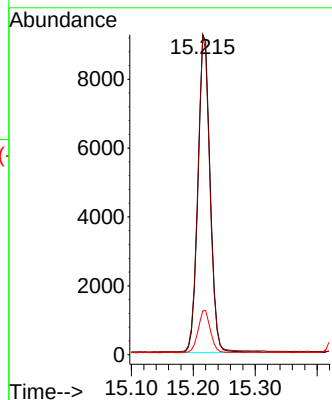
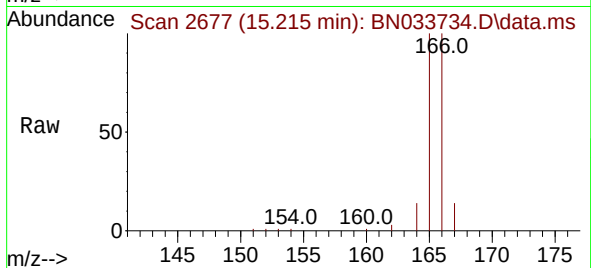
Tgt Ion:166 Resp: 12669

Ion Ratio Lower Upper

166 100

165 99.6 79.1 118.7

167 13.7 11.4 17.0



#14

Pentachlorophenol

Concen: 0.323 ng/ul

RT: 16.568 min Scan# 2977

Delta R.T. 0.000 min

Lab File: BN033734.D

Acq: 03 Sep 2024 10:55

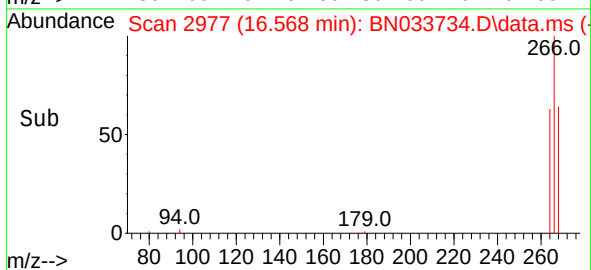
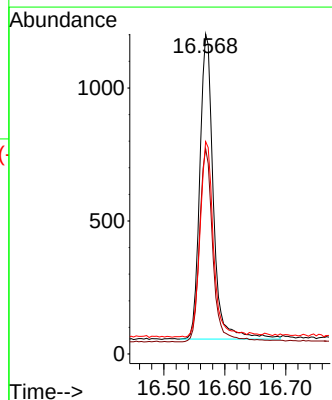
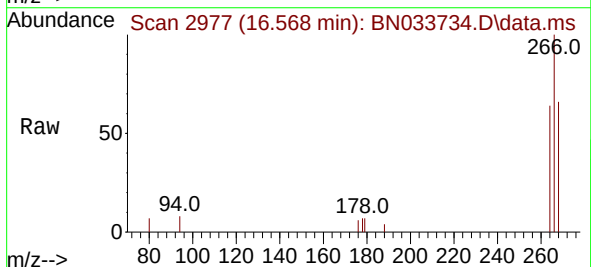
Tgt Ion:266 Resp: 1778

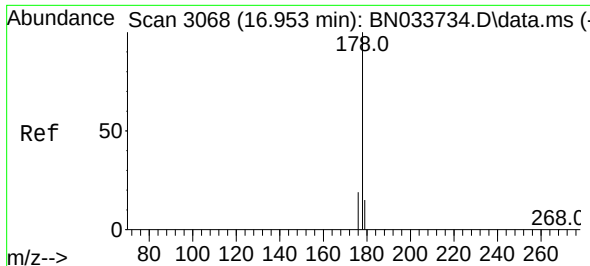
Ion Ratio Lower Upper

266 100

264 62.8 50.3 75.5

268 63.6 51.7 77.5





#15

Phenanthrene

Concen: 0.380 ng/ul

RT: 16.953 min Scan# 3068

Delta R.T. 0.000 min

Lab File: BN033734.D

Acq: 03 Sep 2024 10:55

Instrument :

BNA_N

ClientSampleId :

SSTD0.4302

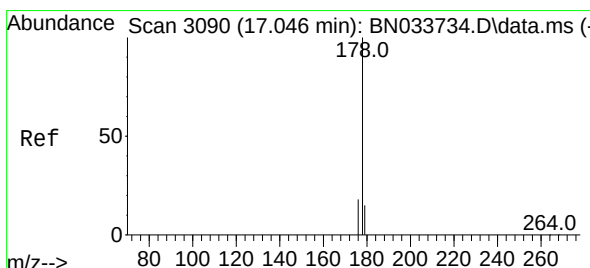
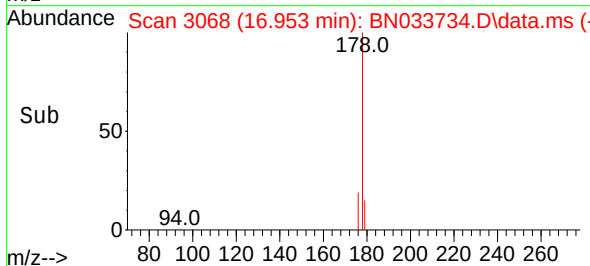
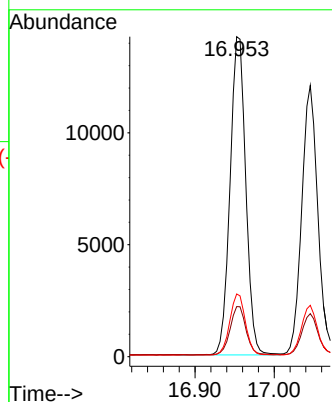
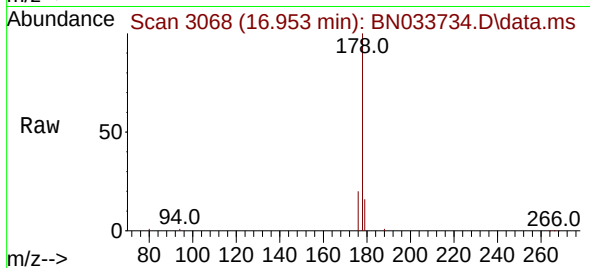
Tgt Ion:178 Resp: 19616

Ion Ratio Lower Upper

178 100

179 15.6 12.9 19.3

176 19.6 15.7 23.5



#16

Anthracene

Concen: 0.372 ng/ul

RT: 17.046 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BN033734.D

Acq: 03 Sep 2024 10:55

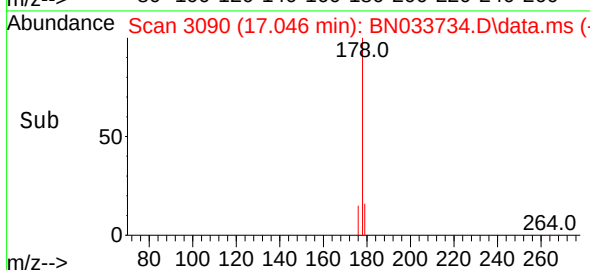
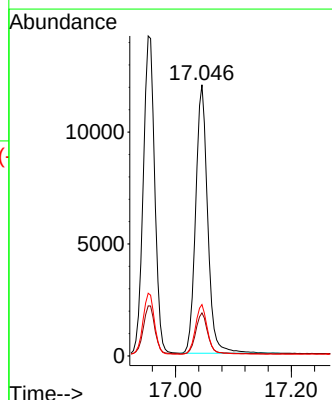
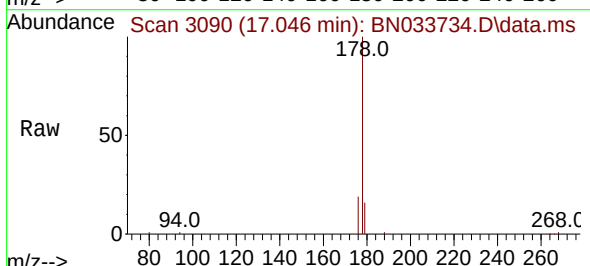
Tgt Ion:178 Resp: 17252

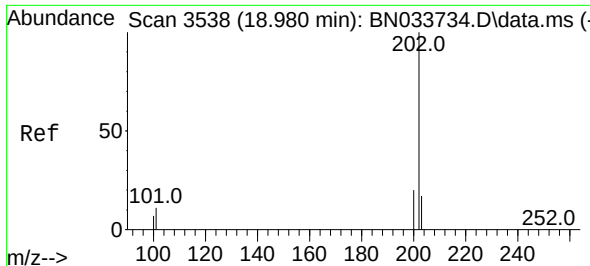
Ion Ratio Lower Upper

178 100

179 15.9 13.0 19.4

176 19.0 15.2 22.8

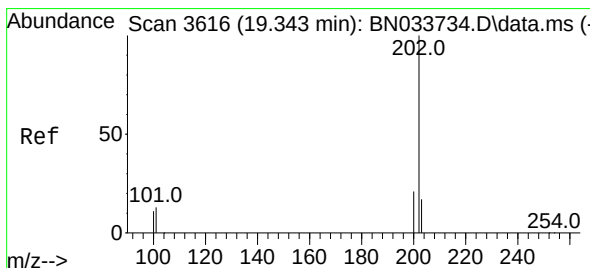
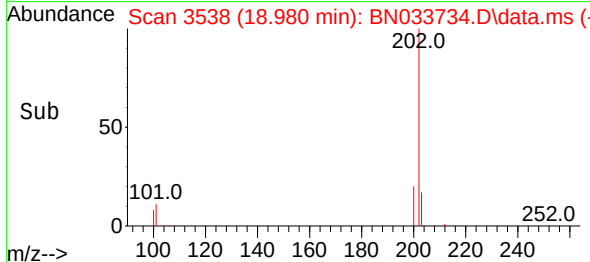
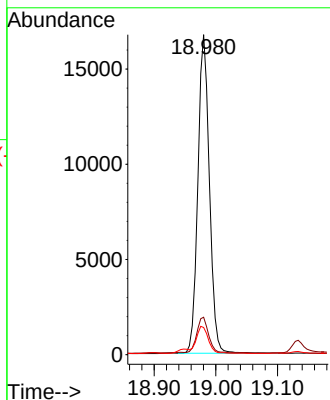
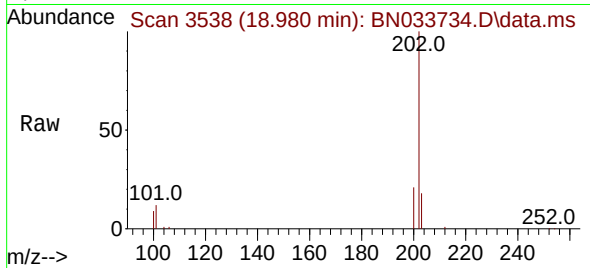




#19
Fluoranthene
Concen: 0.385 ng/ul
RT: 18.980 min Scan# 3538
Delta R.T. 0.000 min
Lab File: BN033734.D
Acq: 03 Sep 2024 10:55

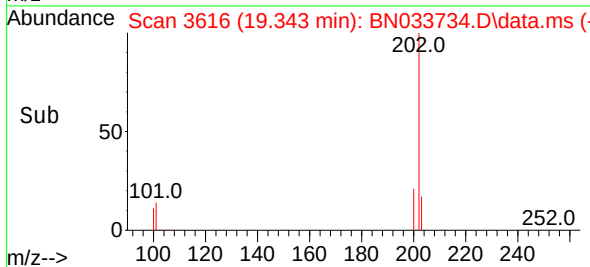
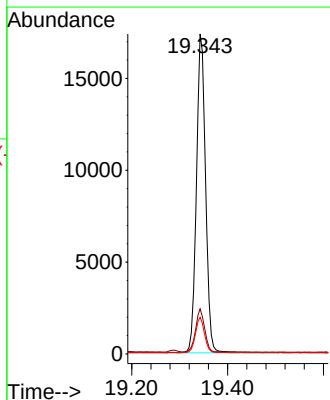
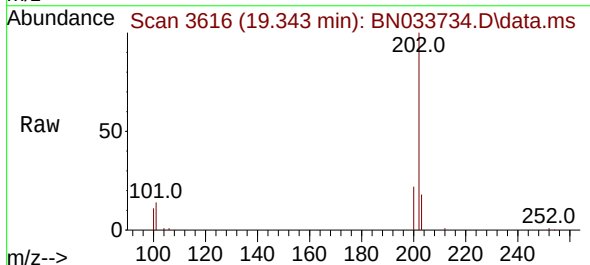
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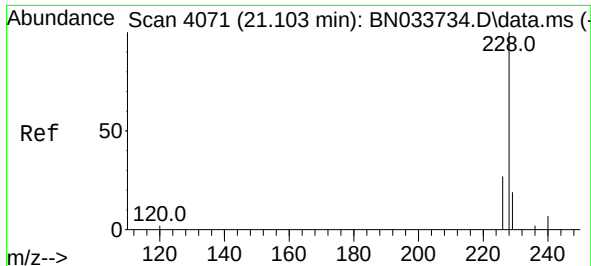
Tgt Ion:202 Resp: 21766
Ion Ratio Lower Upper
202 100
101 11.7 9.0 13.4
100 8.5 6.7 10.1



#20
Pyrene
Concen: 0.386 ng/ul
RT: 19.343 min Scan# 3616
Delta R.T. 0.000 min
Lab File: BN033734.D
Acq: 03 Sep 2024 10:55

Tgt Ion:202 Resp: 23123
Ion Ratio Lower Upper
202 100
101 14.1 10.8 16.2
100 11.5 8.7 13.1

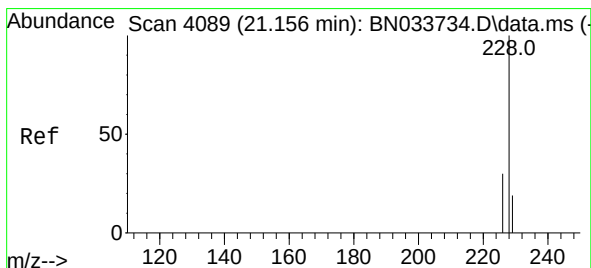
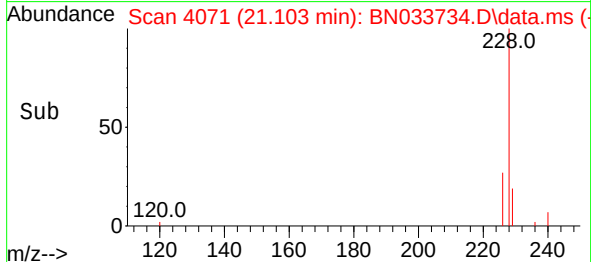
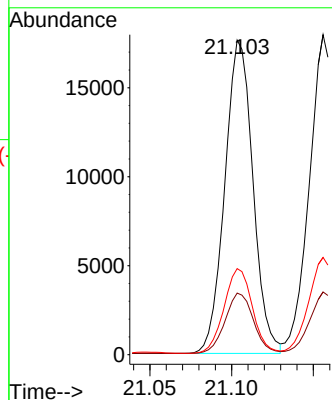
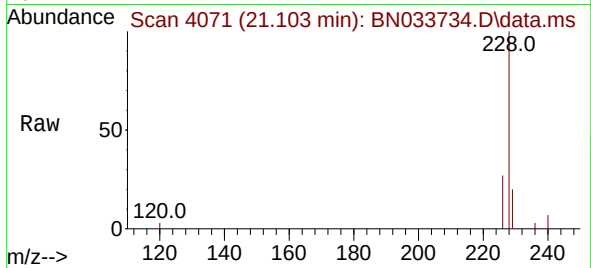




#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.103 min Scan# 4071
Delta R.T. 0.000 min
Lab File: BN033734.D
Acq: 03 Sep 2024 10:55

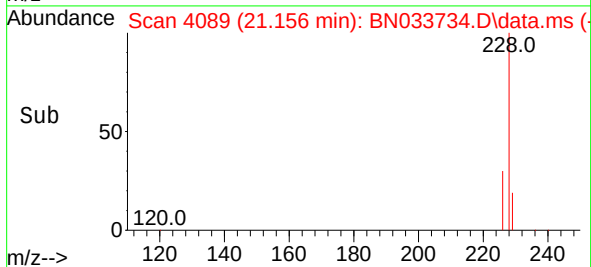
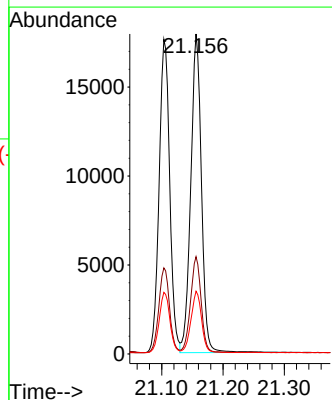
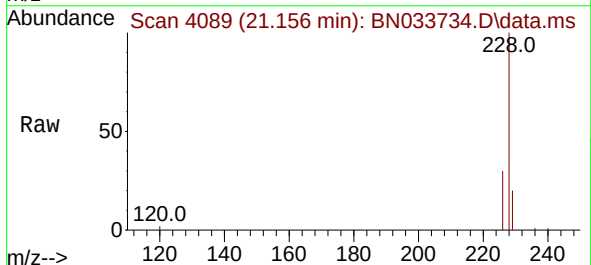
Instrument :
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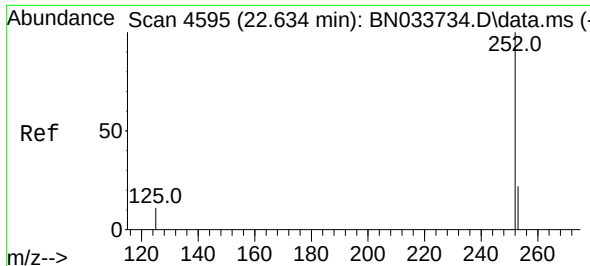
Tgt Ion:228 Resp: 21107
Ion Ratio Lower Upper
228 100
229 19.6 15.4 23.2
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.379 ng/ul
RT: 21.156 min Scan# 4089
Delta R.T. 0.000 min
Lab File: BN033734.D
Acq: 03 Sep 2024 10:55

Tgt Ion:228 Resp: 21587
Ion Ratio Lower Upper
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226 30.4 24.2 36.2
229 19.6 15.6 23.4

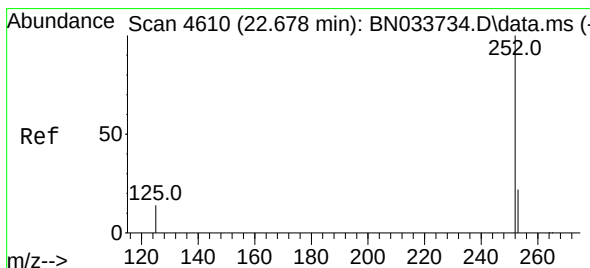
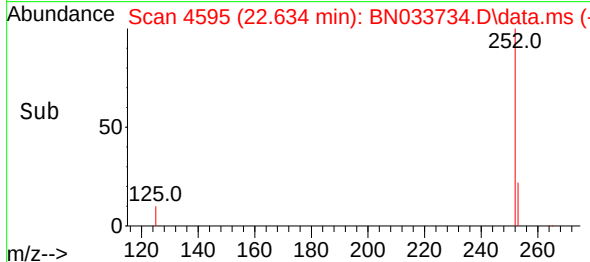
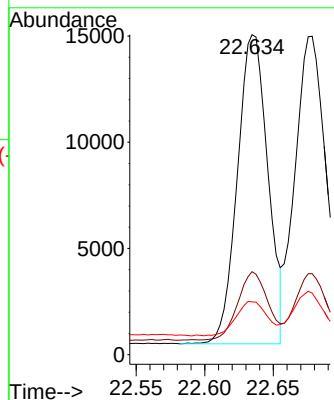
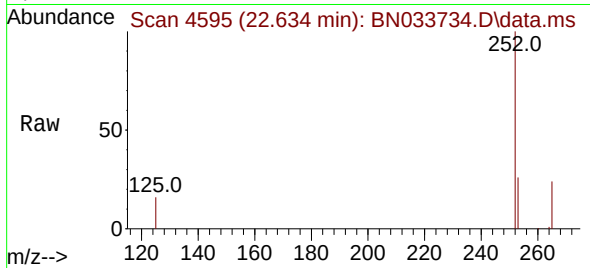




#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 22.634 min Scan# 4595
Delta R.T. 0.000 min
Lab File: BN033734.D
Acq: 03 Sep 2024 10:55

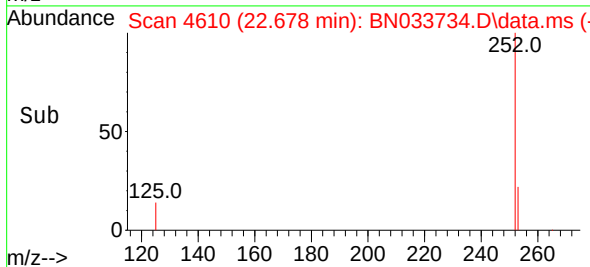
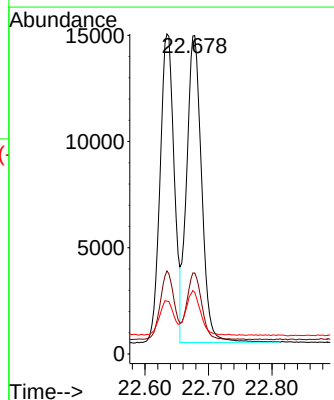
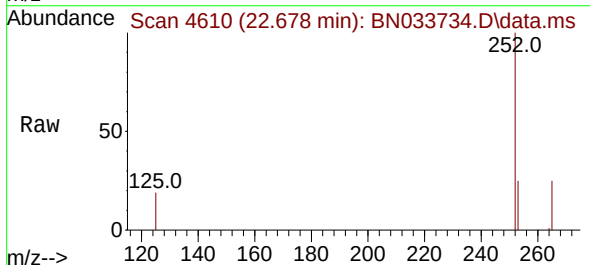
Instrument :
BNA_N
ClientSampleId :
SSTD0.4302

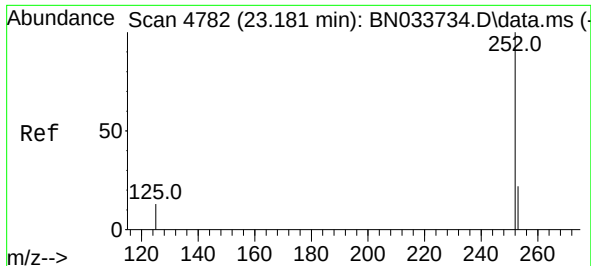
Tgt Ion:252 Resp: 22456
Ion Ratio Lower Upper
252 100
253 25.9 0.0 52.8
125 16.5 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 22.678 min Scan# 4610
Delta R.T. 0.000 min
Lab File: BN033734.D
Acq: 03 Sep 2024 10:55

Tgt Ion:252 Resp: 23551
Ion Ratio Lower Upper
252 100
253 25.4 21.4 32.0
125 19.3 15.1 22.7

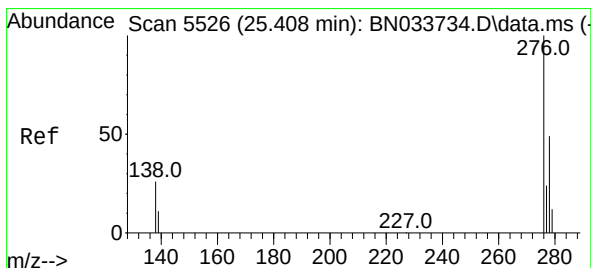
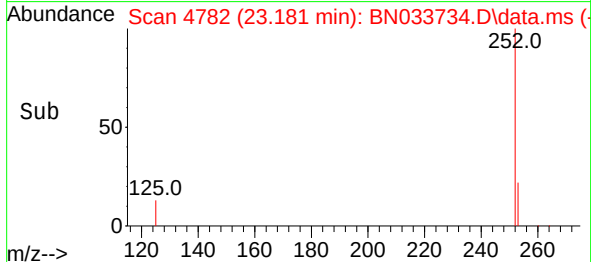
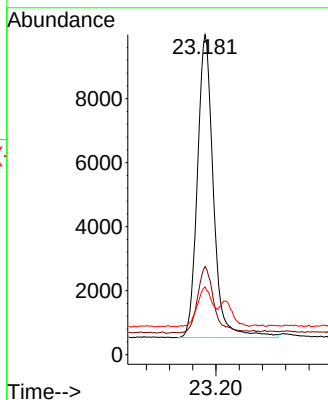
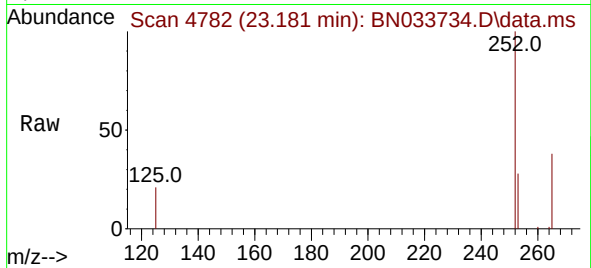




#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.181 min Scan# 4782
Delta R.T. 0.000 min
Lab File: BN033734.D
Acq: 03 Sep 2024 10:55

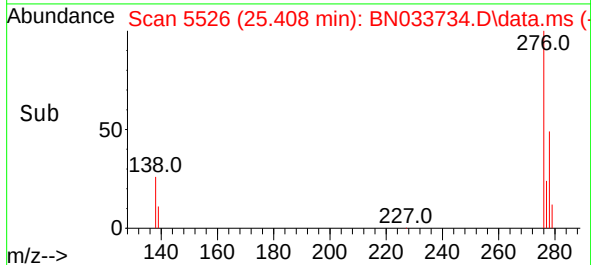
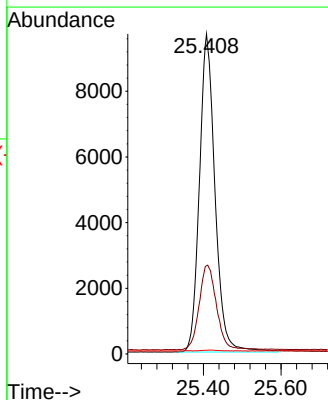
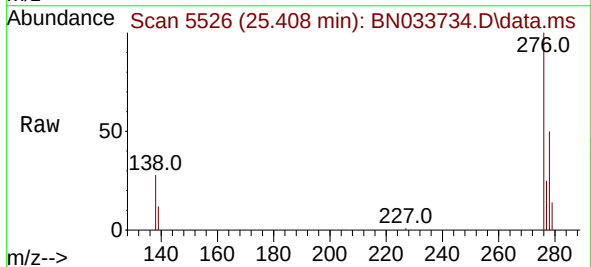
Instrument :
BNA_N
ClientSampleId :
SSTD0.4302

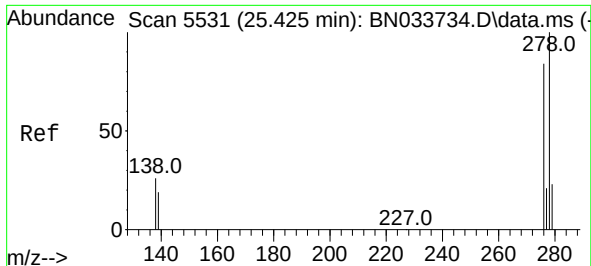
Tgt Ion:252 Resp: 18082
Ion Ratio Lower Upper
252 100
253 27.5 22.8 34.2
125 21.1 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 25.408 min Scan# 5526
Delta R.T. 0.000 min
Lab File: BN033734.D
Acq: 03 Sep 2024 10:55

Tgt Ion:276 Resp: 26965
Ion Ratio Lower Upper
276 100
138 29.6 22.3 33.5
227 0.3 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.372 ng/ul

RT: 25.425 min Scan# 5531

Delta R.T. 0.000 min

Lab File: BN033734.D

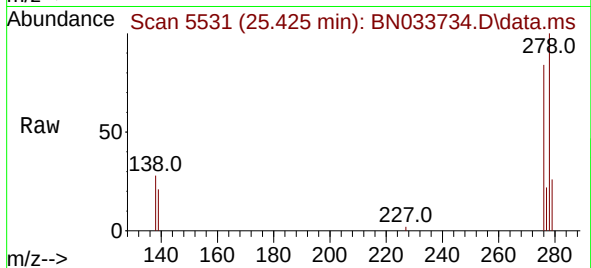
Acq: 03 Sep 2024 10:55

Instrument :

BNA_N

ClientSampleId :

SSTD0.4302



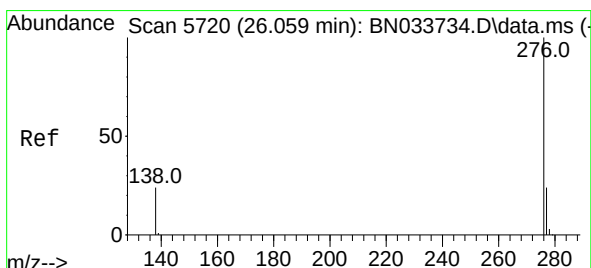
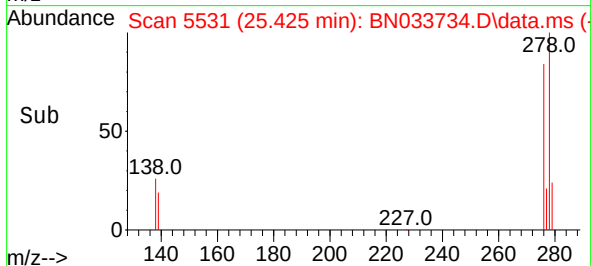
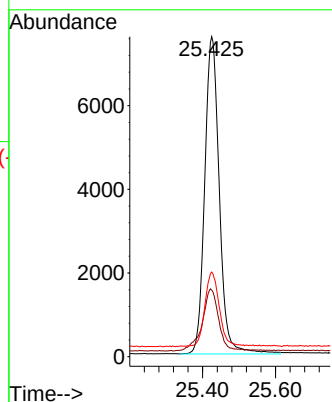
Tgt Ion:278 Resp: 21117

Ion Ratio Lower Upper

278 100

139 20.8 17.3 25.9

279 26.5 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.369 ng/ul

RT: 26.059 min Scan# 5720

Delta R.T. 0.000 min

Lab File: BN033734.D

Acq: 03 Sep 2024 10:55

Tgt Ion:276 Resp: 21079

Ion Ratio Lower Upper

276 100

138 26.0 20.8 31.2

277 24.9 20.2 30.4

