

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
 Data File : BN033743.D
 Acq On : 03 Sep 2024 16:21
 Operator : MA/JU
 Sample : P3809-09MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YE3E3MS

Quant Time: Sep 04 01:41:46 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 01:39:37 2024
 Response via : Initial Calibration

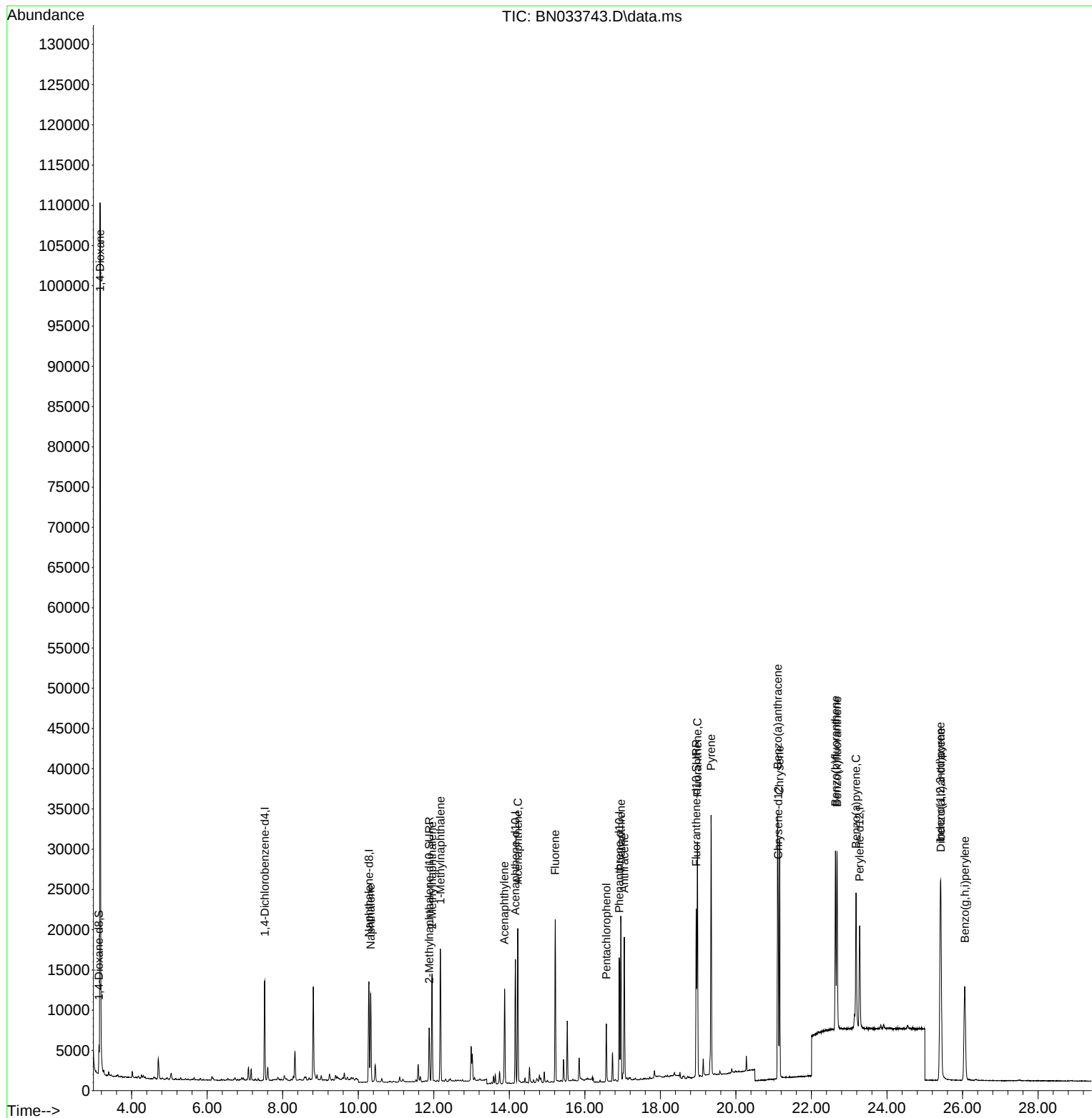
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	5981	0.400	ng/ul	0.00
4) Naphthalene-d8	10.283	136	16115	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.160	164	8071	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.910	188	17212	0.400	ng/ul	0.00
17) Chrysene-d12	21.121	240	14779	0.400	ng/ul	0.00
23) Perylene-d12	23.278	264	15918	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	1954	0.318	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.878	152	8741	0.378	ng/ul	0.00
18) Fluoranthene-d10	18.952	212	22372	0.508	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	64098	9.395	ng/ul#	75
5) Naphthalene	10.327	128	14686	0.341	ng/ul	100
7) 2-Methylnaphthalene	11.955	142	9372	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.175	142	11327	0.403	ng/ul	99
10) Acenaphthylene	13.874	152	13447	0.367	ng/ul	99
11) Acenaphthene	14.225	153	10471	0.396	ng/ul	98
12) Fluorene	15.215	166	12354	0.418	ng/ul	100
14) Pentachlorophenol	16.568	266	4649	0.858	ng/ul	99
15) Phenanthrene	16.953	178	21187	0.417	ng/ul	99
16) Anthracene	17.045	178	19347	0.424	ng/ul	99
19) Fluoranthene	18.980	202	24605	0.422	ng/ul	98
20) Pyrene	19.343	202	26163	0.423	ng/ul	99
21) Benzo(a)anthracene	21.106	228	24612	0.423	ng/ul	98
22) Chrysene	21.156	228	24298	0.413	ng/ul	99
24) Benzo(b)fluoranthene	22.634	252	25705	0.416	ng/ul	99
25) Benzo(k)fluoranthene	22.678	252	25971	0.420	ng/ul	100
26) Benzo(a)pyrene	23.181	252	22396	0.451	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.415	276	29517	0.396	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.428	278	22899	0.396	ng/ul	100
29) Benzo(g,h,i)perylene	26.062	276	23084	0.396	ng/ul	99

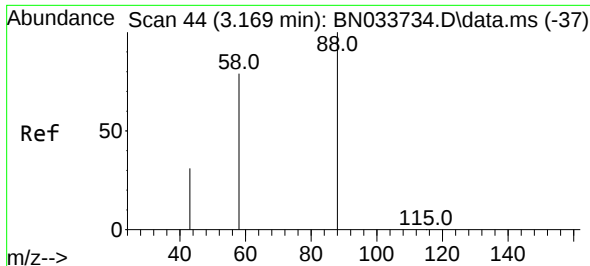
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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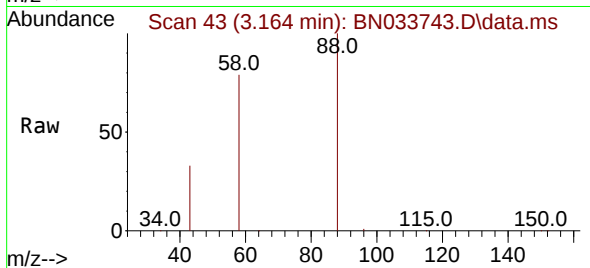
Quant Time: Sep 04 01:41:46 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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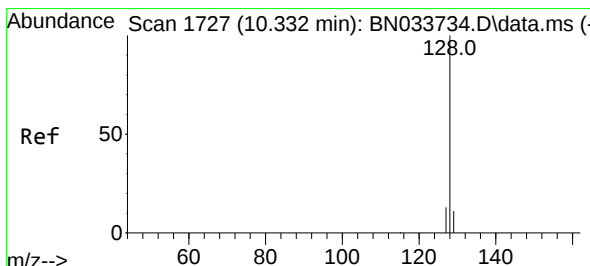
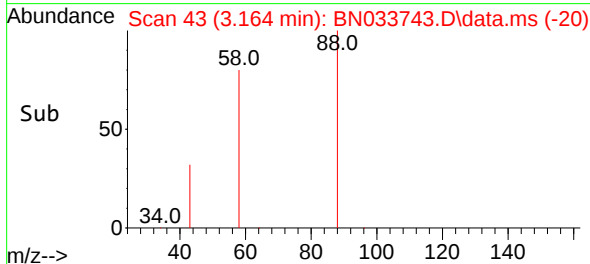
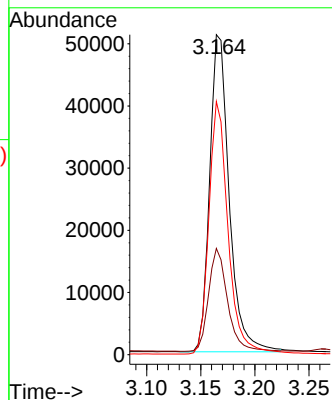


#2
1,4-Dioxane
Concen: 9.395 ng/ul
RT: 3.164 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

Instrument :
BNA_N
ClientSampleId :
YE3E3MS

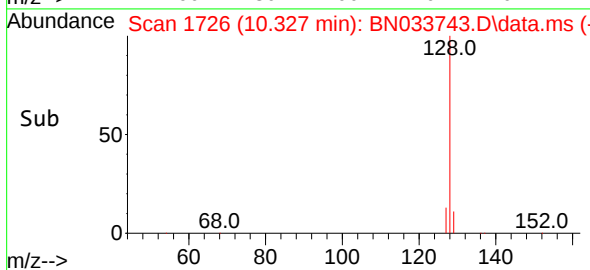
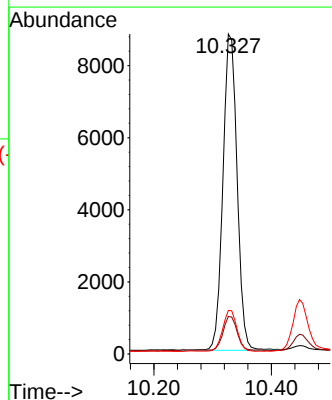
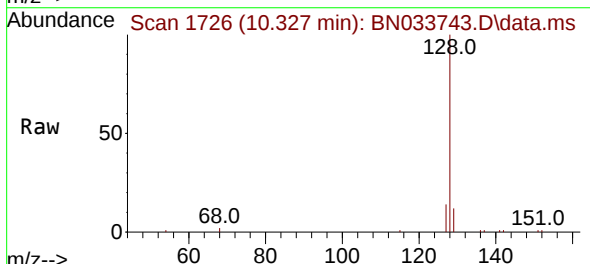


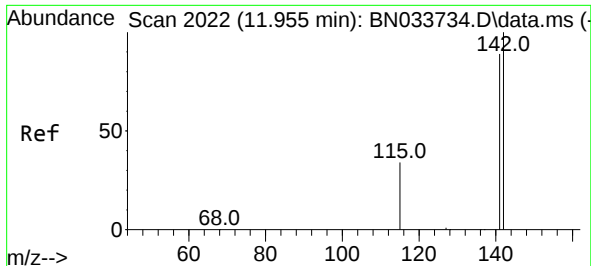
Tgt Ion: 88 Resp: 64098
Ion Ratio Lower Upper
88 100
43 33.2 47.0 70.4#
58 79.1 53.0 79.4



#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.327 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

Tgt Ion:128 Resp: 14686
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.6 10.8 16.2

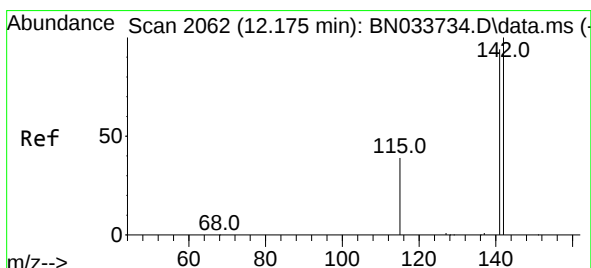
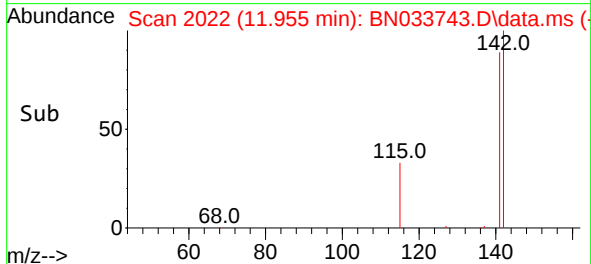
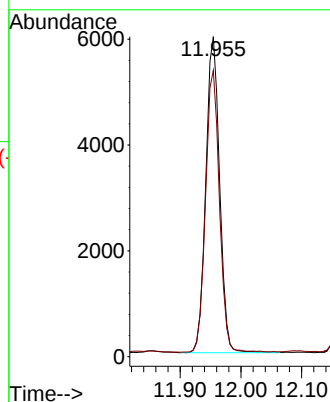
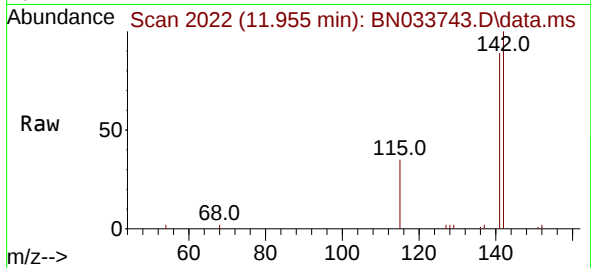




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 11.955 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

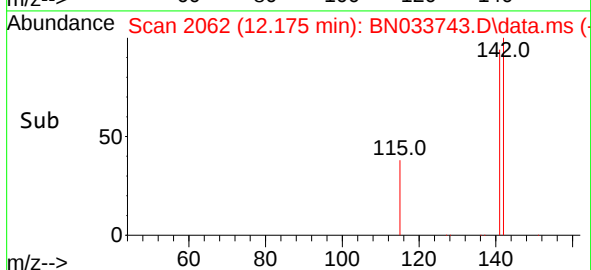
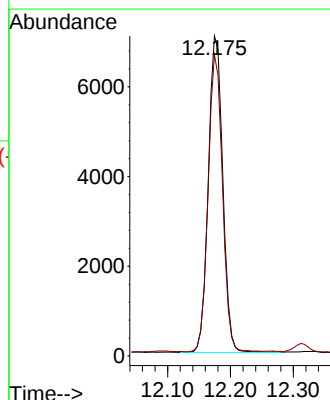
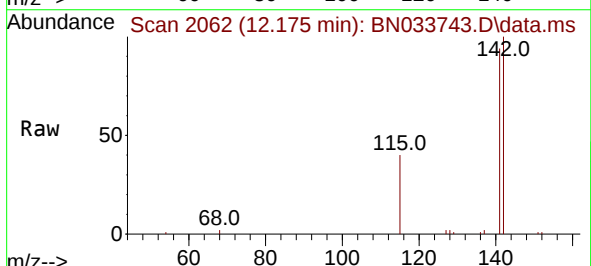
Instrument :
BNA_N
ClientSampleId :
YE3E3MS

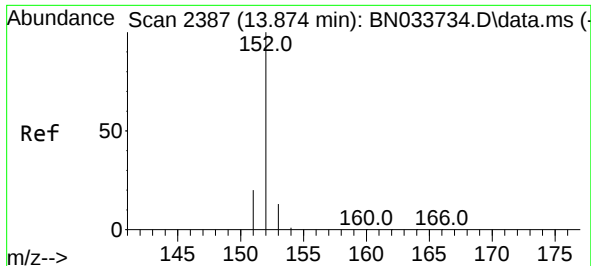
Tgt Ion:142 Resp: 9372
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.175 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

Tgt Ion:142 Resp: 11327
Ion Ratio Lower Upper
142 100
141 92.6 73.6 110.4

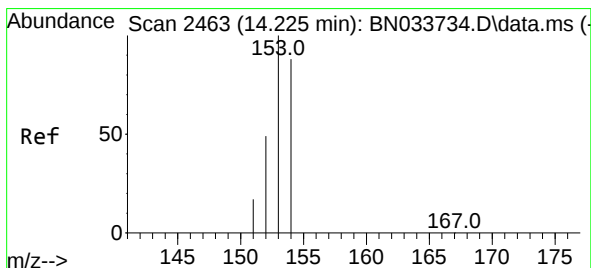
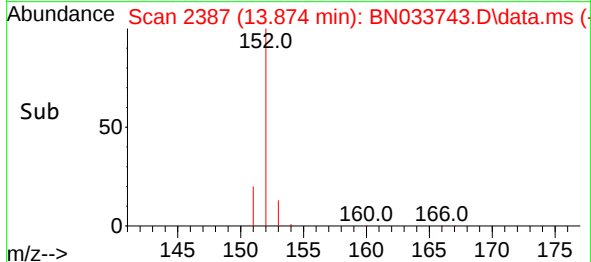
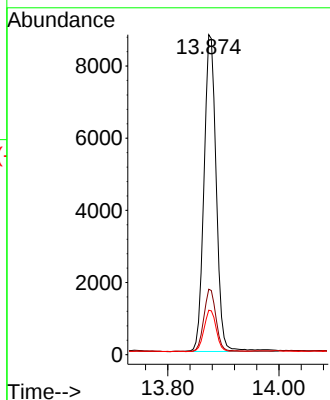
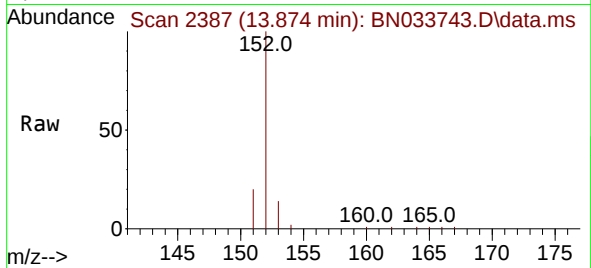




#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 13.874 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

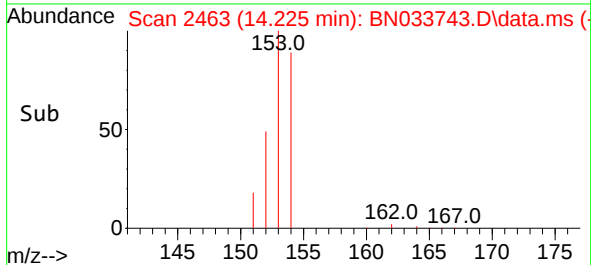
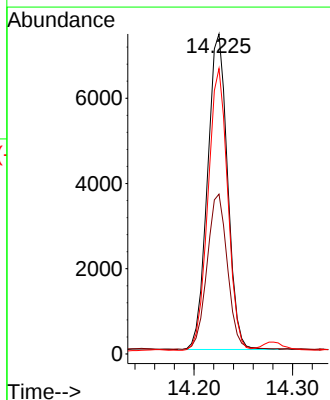
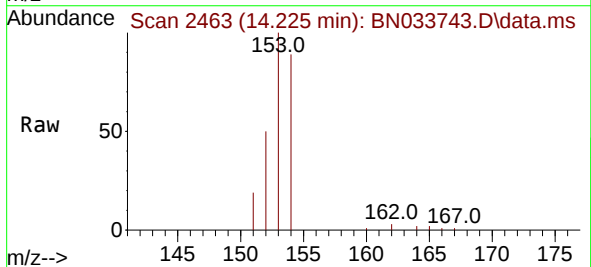
Instrument :
BNA_N
ClientSampleId :
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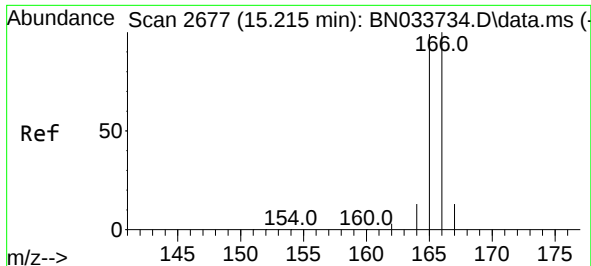
Tgt Ion:152 Resp: 13447
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.9 10.8 16.2



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.225 min Scan# 2463
Delta R.T. -0.000 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

Tgt Ion:153 Resp: 10471
Ion Ratio Lower Upper
153 100
152 49.9 39.8 59.8
154 89.2 69.0 103.6

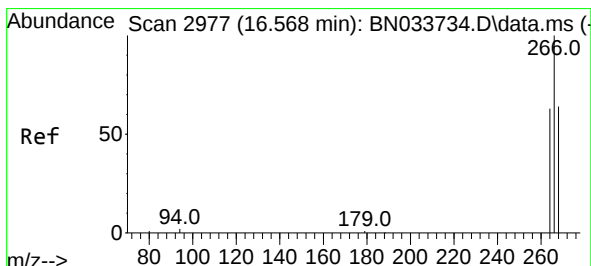
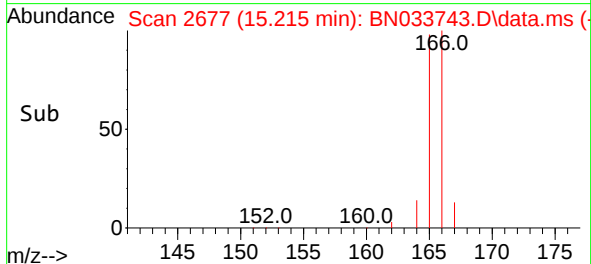
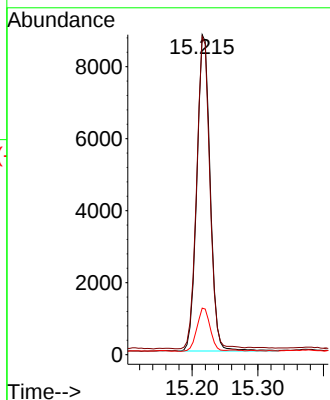
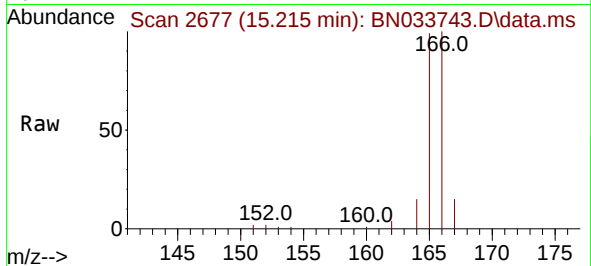




#12
 Fluorene
 Concen: 0.418 ng/ul
 RT: 15.215 min Scan# 2677
 Delta R.T. -0.000 min
 Lab File: BN033743.D
 Acq: 03 Sep 2024 16:21

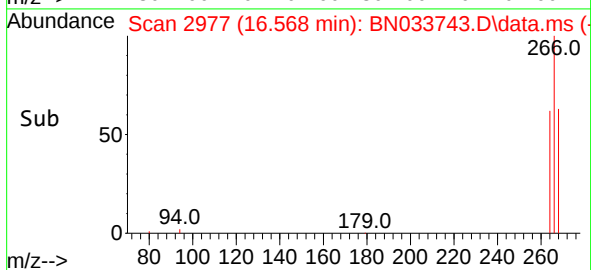
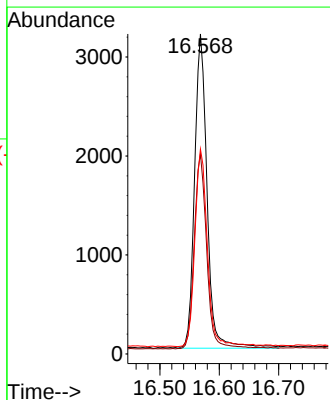
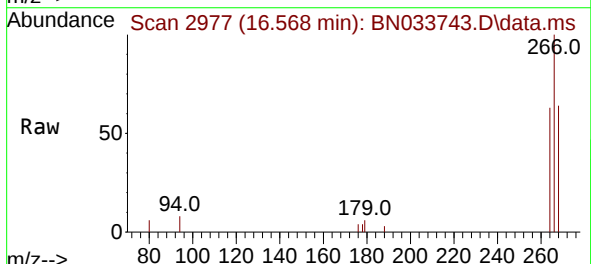
Instrument :
 BNA_N
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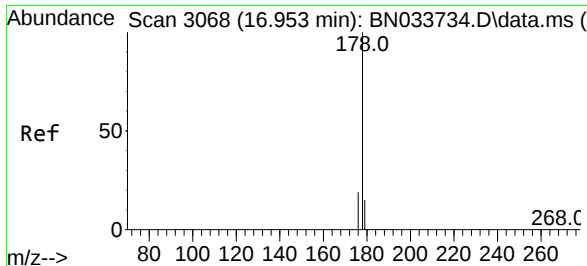
Tgt Ion:166 Resp: 12354
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.1 118.7
 167 14.5 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.858 ng/ul
 RT: 16.568 min Scan# 2977
 Delta R.T. -0.000 min
 Lab File: BN033743.D
 Acq: 03 Sep 2024 16:21

Tgt Ion:266 Resp: 4649
 Ion Ratio Lower Upper
 266 100
 264 62.2 50.3 75.5
 268 63.1 51.7 77.5

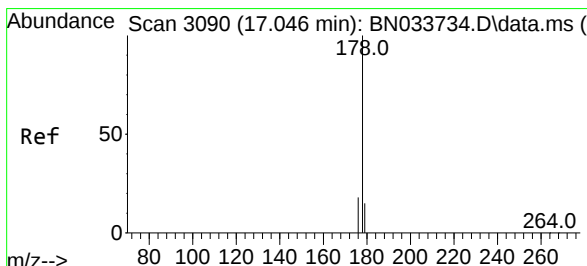
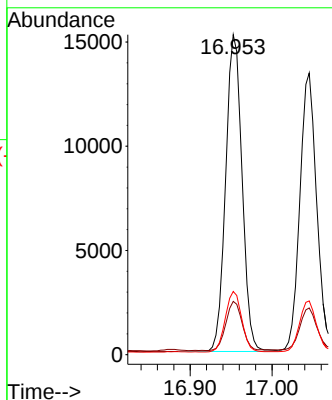
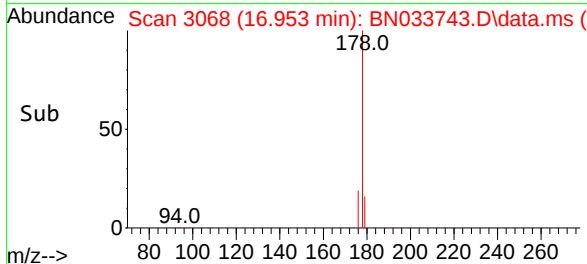
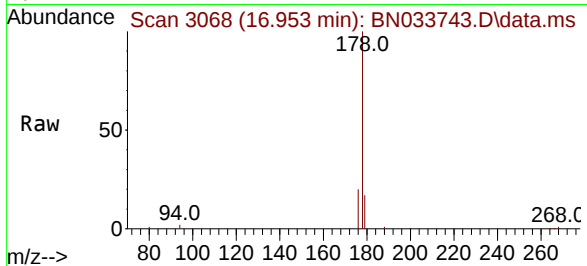




#15
Phenanthrene
Concen: 0.417 ng/ul
RT: 16.953 min Scan# 3068
Delta R.T. -0.000 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

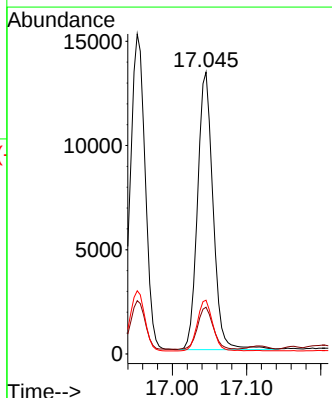
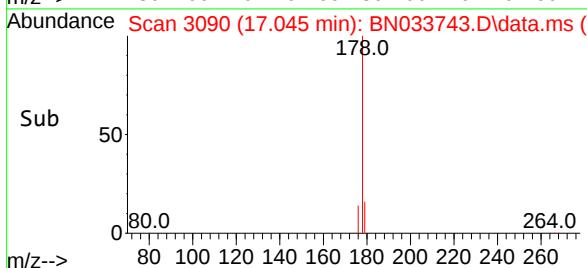
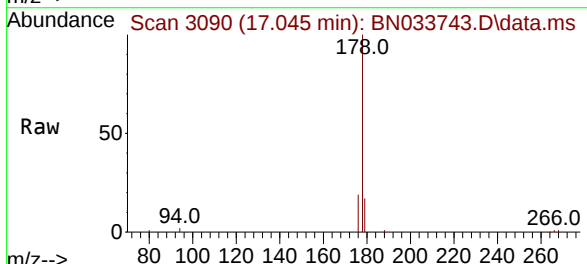
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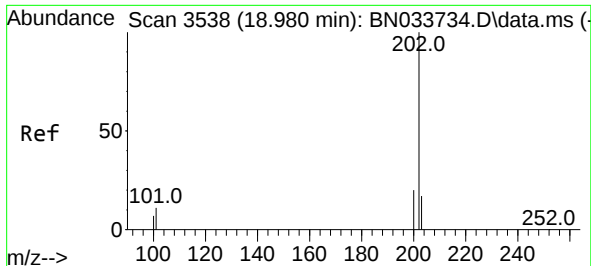
Tgt Ion:	178	Resp:	21187
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.9	19.3
176	19.8	15.7	23.5



#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.045 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

Tgt Ion:	178	Resp:	19347
Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.4
176	19.1	15.2	22.8

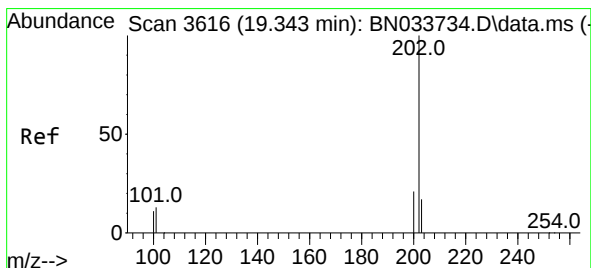
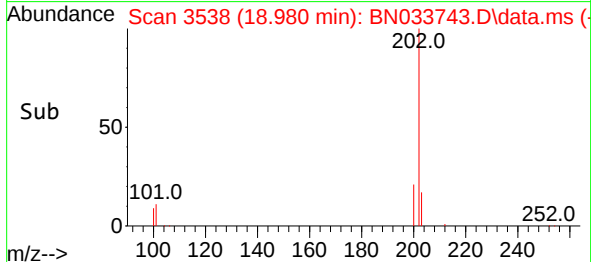
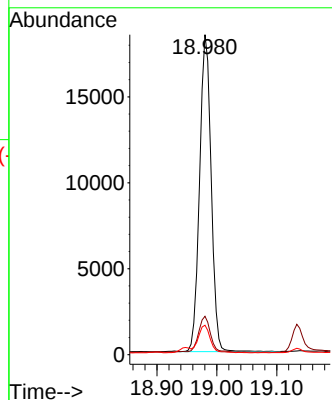
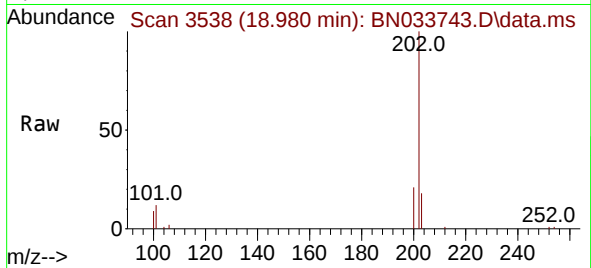




#19
Fluoranthene
Concen: 0.422 ng/ul
RT: 18.980 min Scan# 3538
Delta R.T. -0.000 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

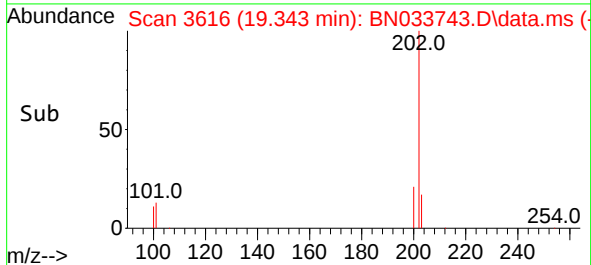
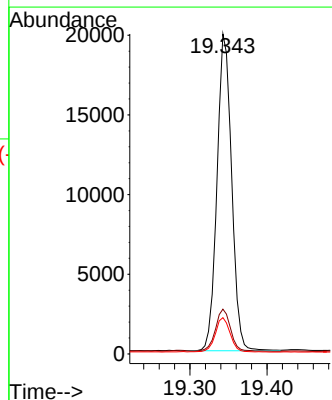
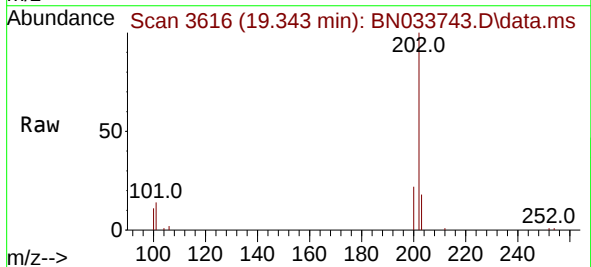
Instrument :
BNA_N
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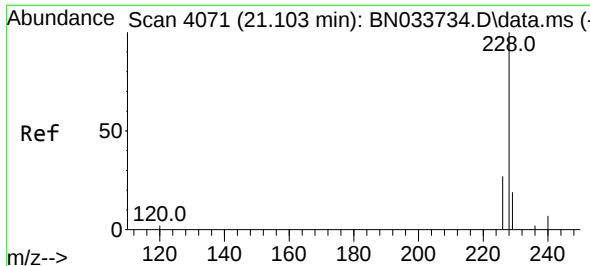
Tgt Ion:202 Resp: 24605
Ion Ratio Lower Upper
202 100
101 12.0 9.0 13.4
100 9.2 6.7 10.1



#20
Pyrene
Concen: 0.423 ng/ul
RT: 19.343 min Scan# 3616
Delta R.T. -0.000 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

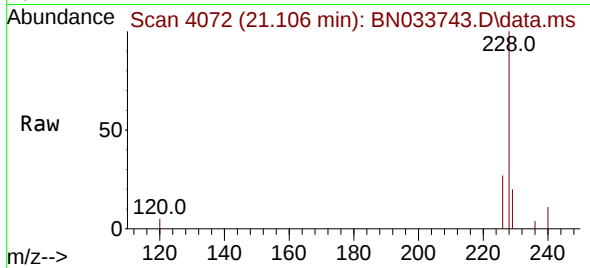
Tgt Ion:202 Resp: 26163
Ion Ratio Lower Upper
202 100
101 14.0 10.8 16.2
100 11.4 8.7 13.1



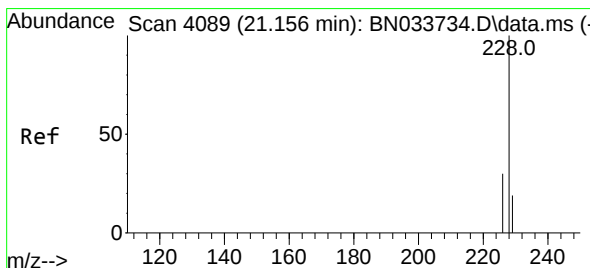
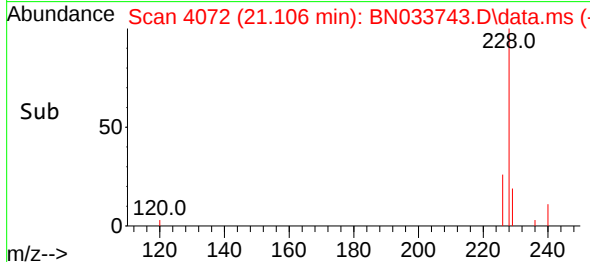
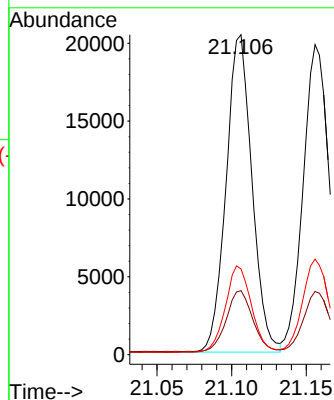


#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.106 min Scan# 4072
Delta R.T. 0.003 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

Instrument :
BNA_N
ClientSampleId :
YE3E3MS

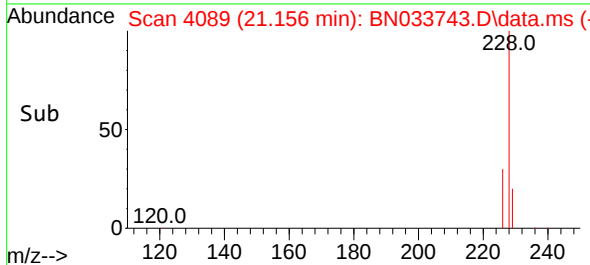
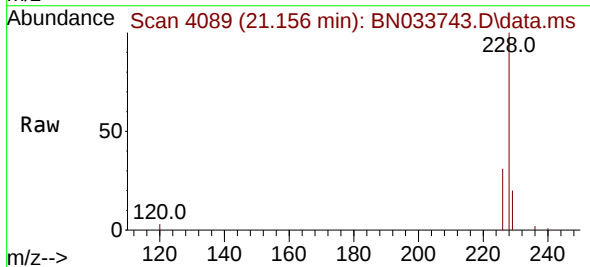
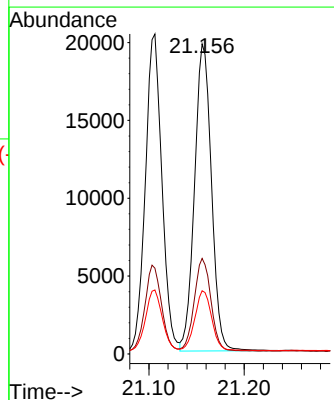


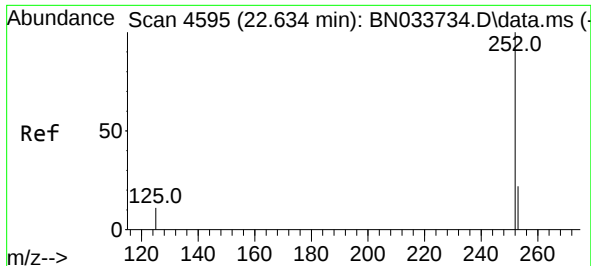
Tgt Ion:228 Resp: 24612
Ion Ratio Lower Upper
228 100
229 20.0 15.4 23.2
226 26.8 22.1 33.1



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.156 min Scan# 4089
Delta R.T. -0.000 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

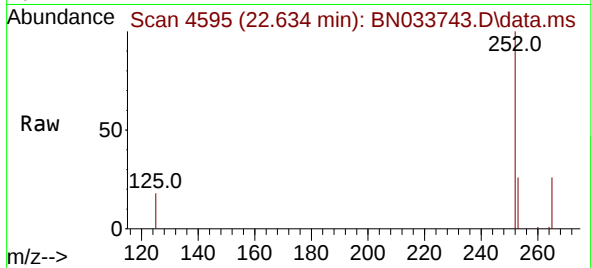
Tgt Ion:228 Resp: 24298
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 20.4 15.6 23.4



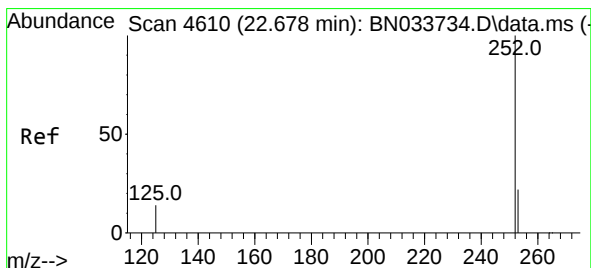
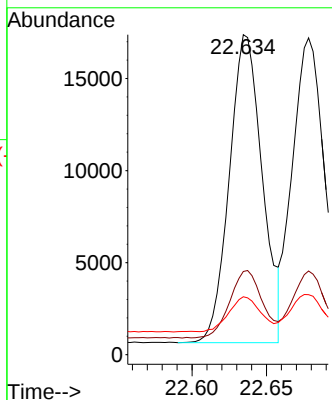


#24
Benzo(b)fluoranthene
Concen: 0.416 ng/ul
RT: 22.634 min Scan# 4595
Delta R.T. -0.000 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

Instrument :
BNA_N
ClientSampleId :
YE3E3MS

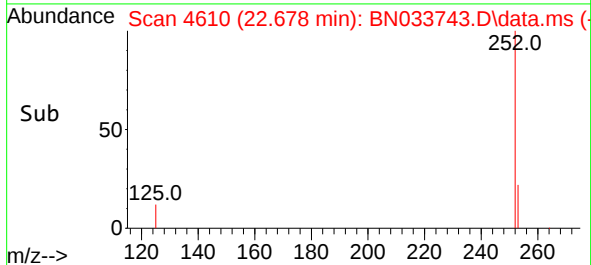
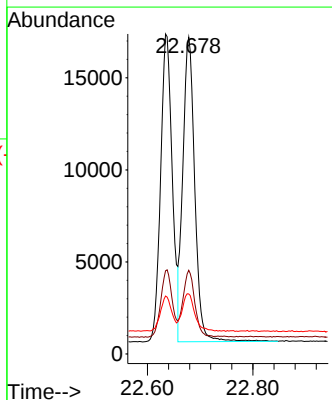
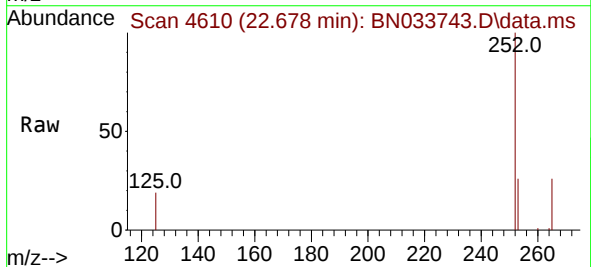


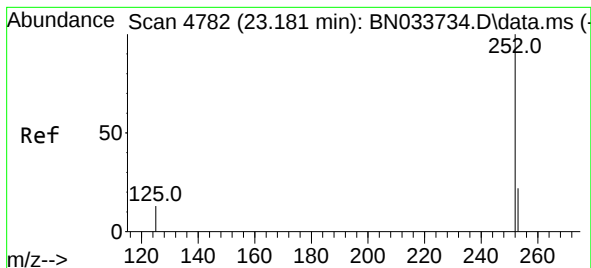
Tgt Ion:252 Resp: 25705
Ion Ratio Lower Upper
252 100
253 26.0 0.0 52.8
125 18.1 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.420 ng/ul
RT: 22.678 min Scan# 4610
Delta R.T. -0.000 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

Tgt Ion:252 Resp: 25971
Ion Ratio Lower Upper
252 100
253 26.4 21.4 32.0
125 18.9 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.451 ng/ul

RT: 23.181 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN033743.D

Acq: 03 Sep 2024 16:21

Instrument :

BNA_N

ClientSampleId :

YE3E3MS

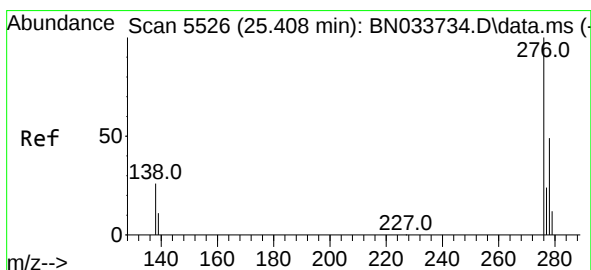
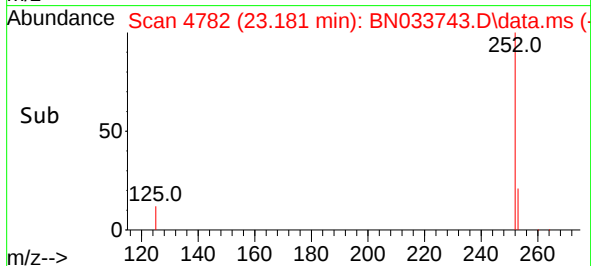
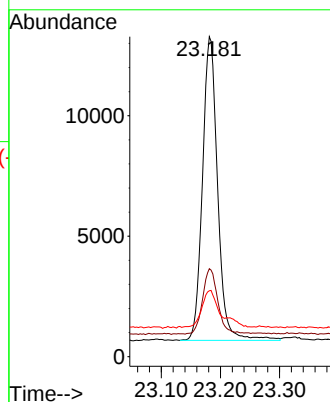
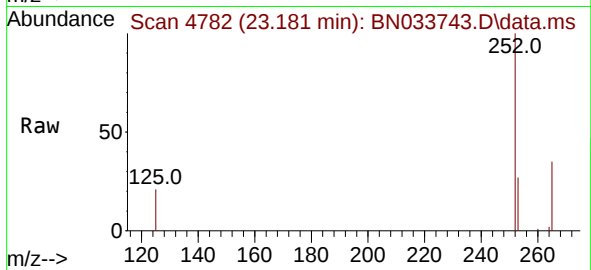
Tgt Ion:252 Resp: 22396

Ion Ratio Lower Upper

252 100

253 27.5 22.8 34.2

125 20.6 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.396 ng/ul

RT: 25.415 min Scan# 5528

Delta R.T. 0.007 min

Lab File: BN033743.D

Acq: 03 Sep 2024 16:21

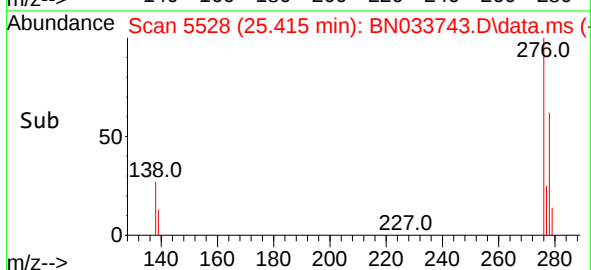
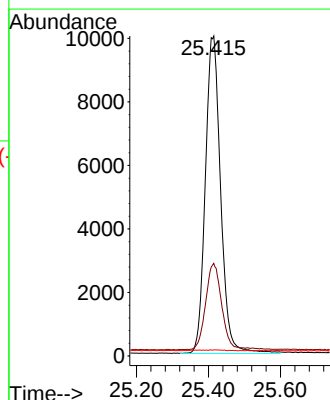
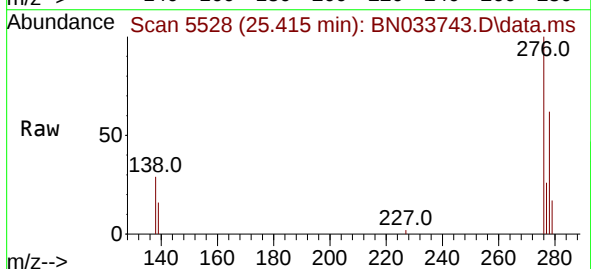
Tgt Ion:276 Resp: 29517

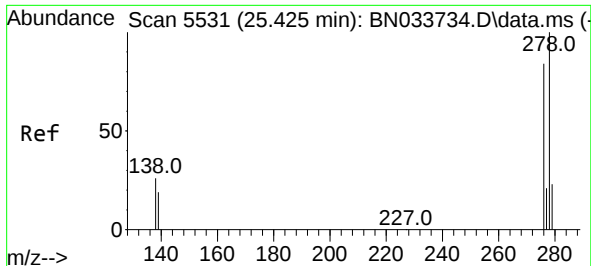
Ion Ratio Lower Upper

276 100

138 28.6 22.3 33.5

227 0.1 0.2 0.4

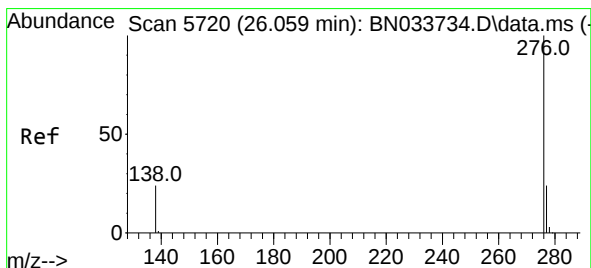
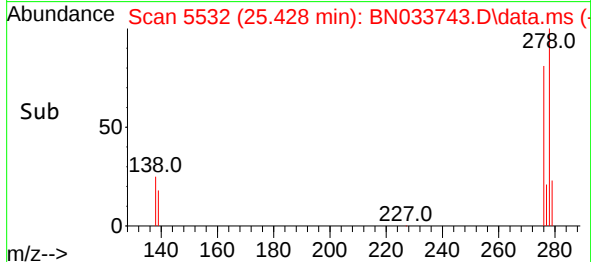
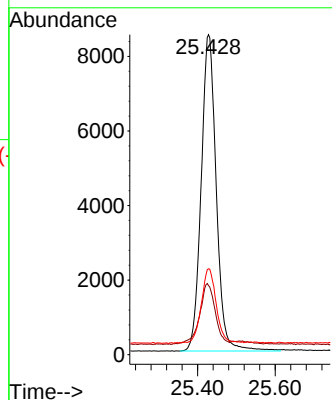
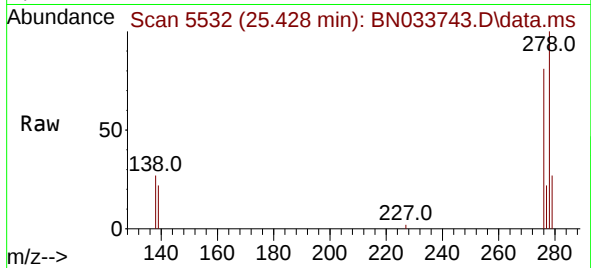




#28
Dibenzo(a,h)anthracene
Concen: 0.396 ng/ul
RT: 25.428 min Scan# 51
Delta R.T. 0.003 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

Instrument :
BNA_N
ClientSampleId :
YE3E3MS

Tgt Ion:278 Resp: 22899
Ion Ratio Lower Upper
278 100
139 21.6 17.3 25.9
279 26.8 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.396 ng/ul
RT: 26.062 min Scan# 5721
Delta R.T. 0.003 min
Lab File: BN033743.D
Acq: 03 Sep 2024 16:21

Tgt Ion:276 Resp: 23084
Ion Ratio Lower Upper
276 100
138 25.5 20.8 31.2
277 25.1 20.2 30.4

