

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
 Data File : BN033744.D
 Acq On : 03 Sep 2024 16:58
 Operator : MA/JU
 Sample : P3809-10MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YE3E3MSD

Quant Time: Sep 04 01:42:05 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)

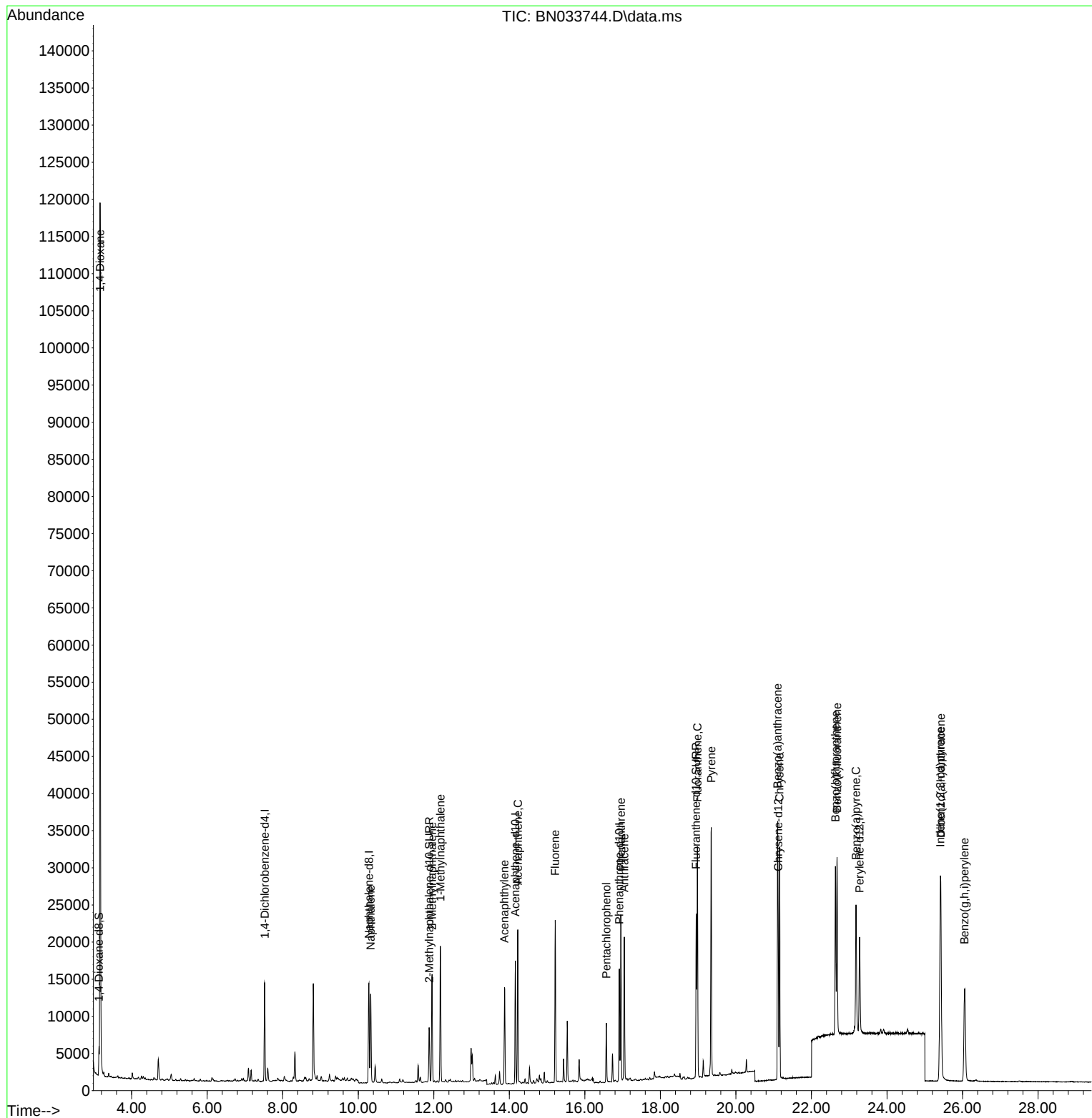
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	6436	0.400	ng/ul	0.00
4) Naphthalene-d8	10.283	136	17520	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.161	164	8532	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.915	188	17742	0.400	ng/ul	0.00
17) Chrysene-d12	21.121	240	14841	0.400	ng/ul	0.00
23) Perylene-d12	23.275	264	16116	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	2046	0.309	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.878	152	9521	0.379	ng/ul	0.00
18) Fluoranthene-d10	18.948	212	23945	0.541	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	68722	9.360	ng/ul#	75
5) Naphthalene	10.327	128	15954	0.341	ng/ul	100
7) 2-Methylnaphthalene	11.955	142	10238	0.345	ng/ul	99
8) 1-Methylnaphthalene	12.175	142	12301	0.403	ng/ul	99
10) Acenaphthylene	13.874	152	14620	0.377	ng/ul	100
11) Acenaphthene	14.225	153	11528	0.412	ng/ul	99
12) Fluorene	15.215	166	13366	0.428	ng/ul	99
14) Pentachlorophenol	16.568	266	4985	0.893	ng/ul	100
15) Phenanthrene	16.953	178	22766	0.435	ng/ul	99
16) Anthracene	17.045	178	20809	0.442	ng/ul	99
19) Fluoranthene	18.980	202	26172	0.447	ng/ul	99
20) Pyrene	19.347	202	27787	0.447	ng/ul	99
21) Benzo(a)anthracene	21.103	228	25940	0.444	ng/ul	99
22) Chrysene	21.156	228	26159	0.443	ng/ul	99
24) Benzo(b)fluoranthene	22.634	252	27134	0.434	ng/ul	99
25) Benzo(k)fluoranthene	22.678	252	26980	0.431	ng/ul	99
26) Benzo(a)pyrene	23.181	252	23663	0.471	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.411	276	31438	0.417	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.425	278	24503	0.418	ng/ul	99
29) Benzo(g,h,i)perylene	26.055	276	24545	0.416	ng/ul	99

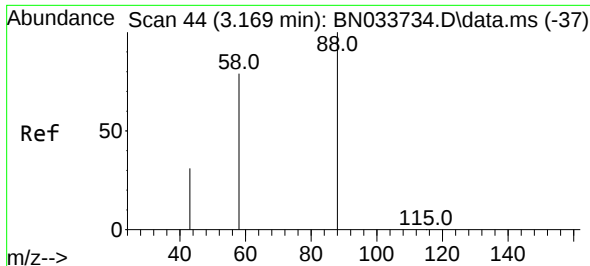
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
Data File : BN033744.D
Acq On : 03 Sep 2024 16:58
Operator : MA/JU
Sample : P3809-10MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YE3E3MSD

Quant Time: Sep 04 01:42:05 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

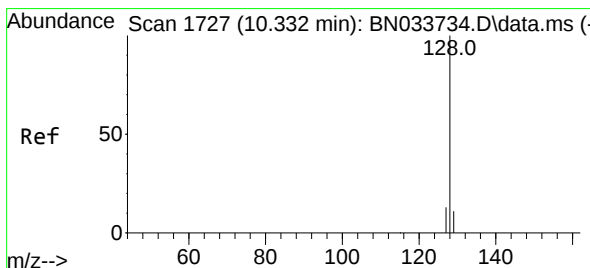
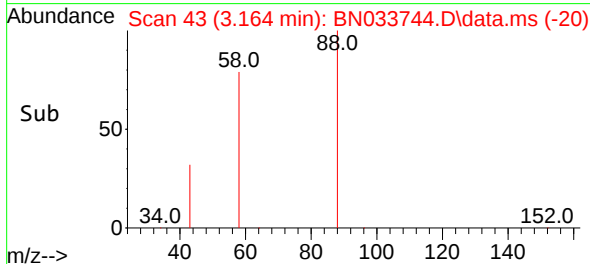
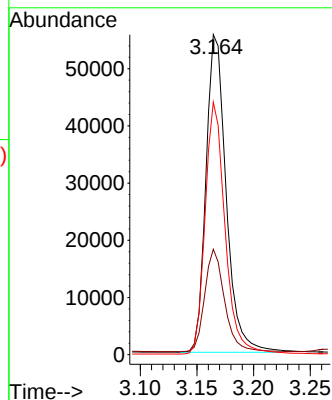
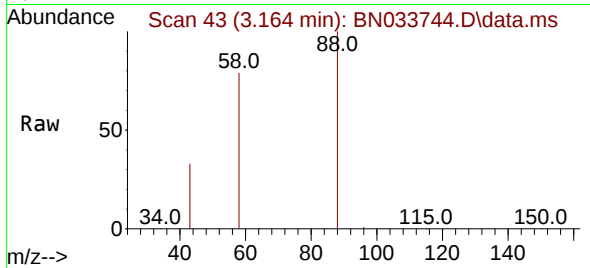




#2
1,4-Dioxane
Concen: 9.360 ng/ul
RT: 3.164 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

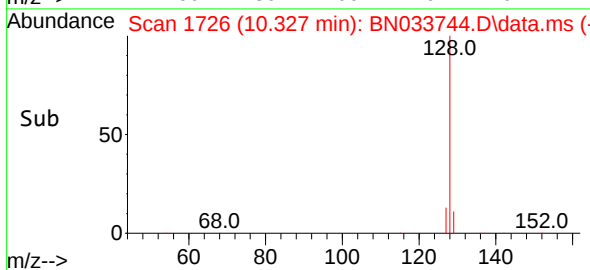
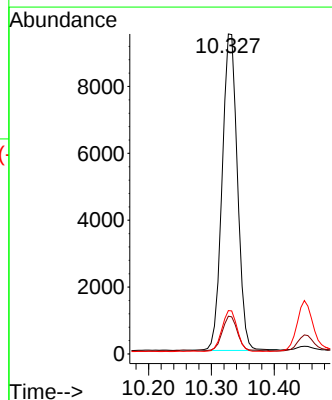
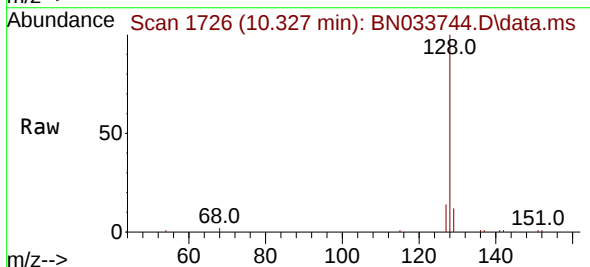
Instrument :
BNA_N
ClientSampleId :
YE3E3MSD

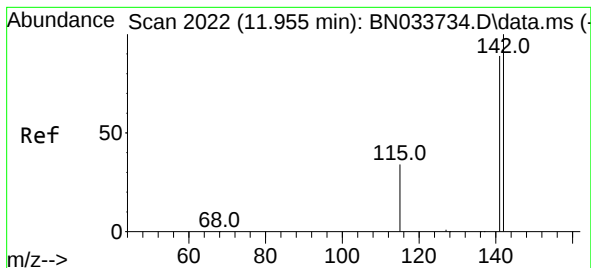
Tgt Ion: 88 Resp: 68722
Ion Ratio Lower Upper
88 100
43 32.9 47.0 70.4#
58 78.9 53.0 79.4



#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.327 min Scan# 1726
Delta R.T. -0.006 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

Tgt Ion:128 Resp: 15954
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.5 10.8 16.2

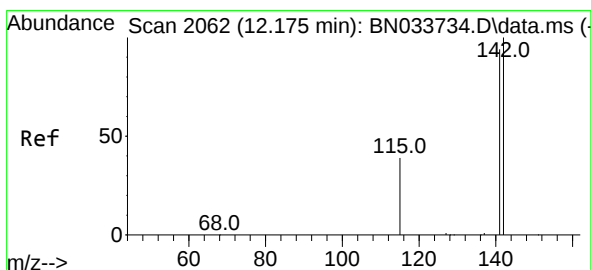
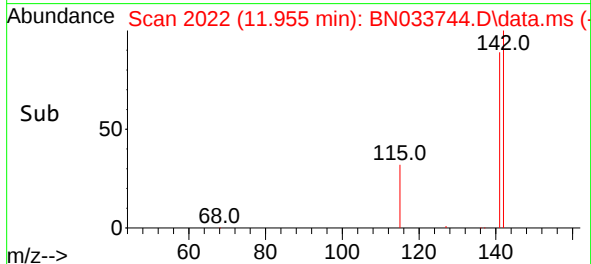
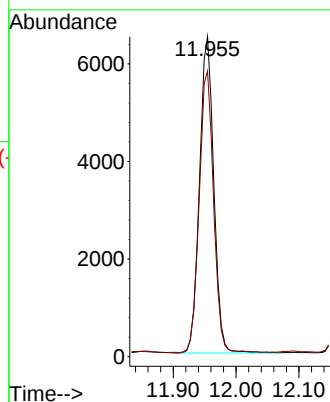
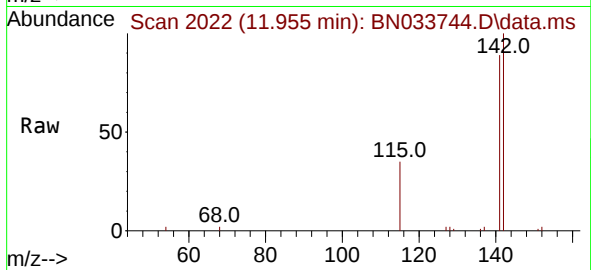




#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 11.955 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

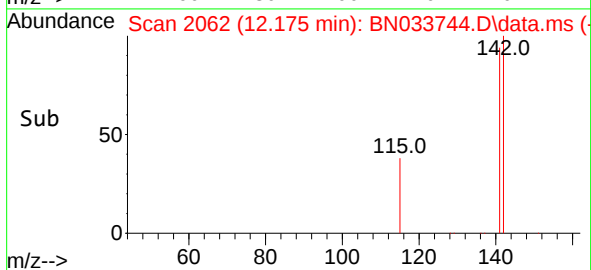
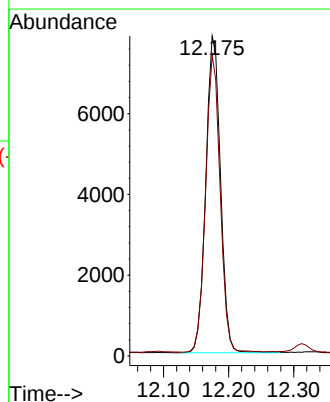
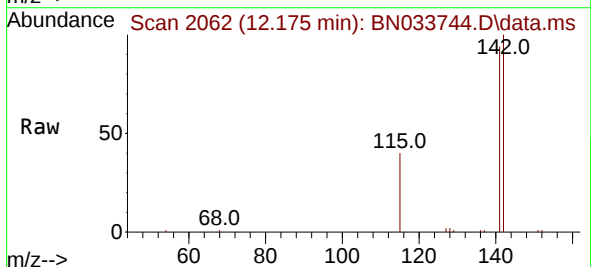
Instrument :
BNA_N
ClientSampleId :
YE3E3MSD

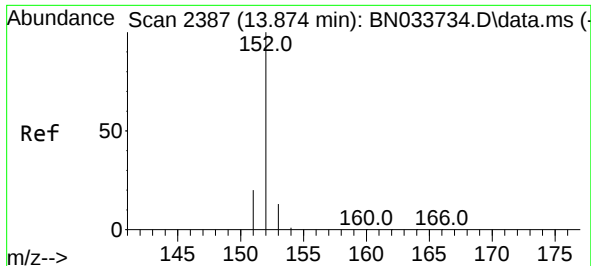
Tgt Ion:142 Resp: 10238
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.175 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

Tgt Ion:142 Resp: 12301
Ion Ratio Lower Upper
142 100
141 92.7 73.6 110.4

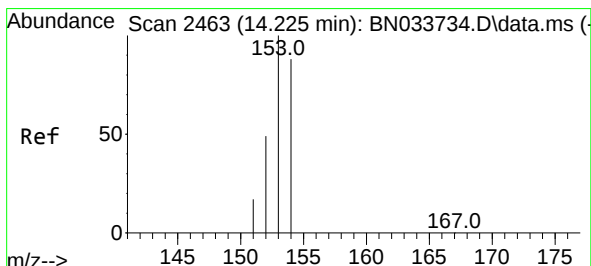
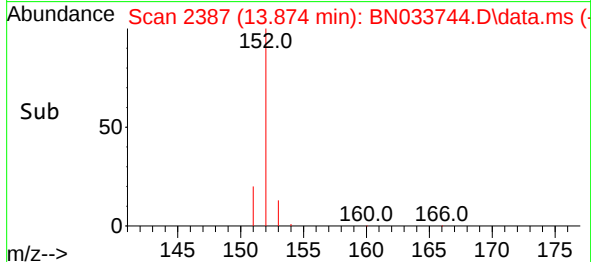
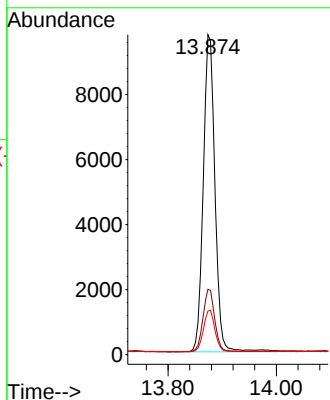
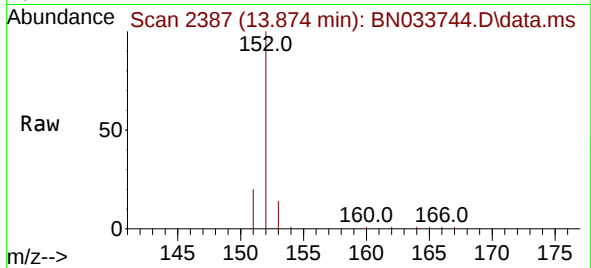




#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 13.874 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

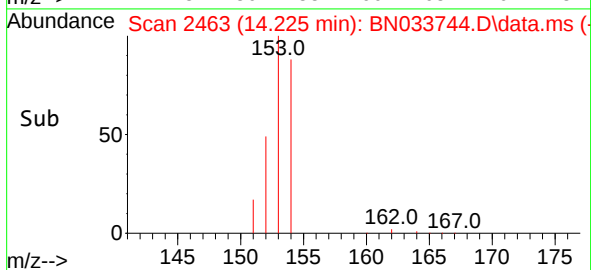
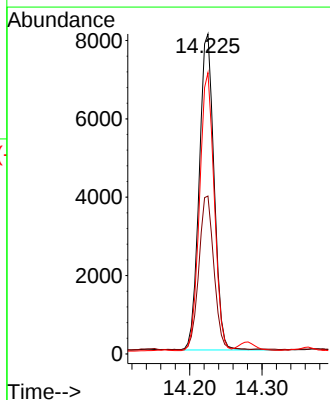
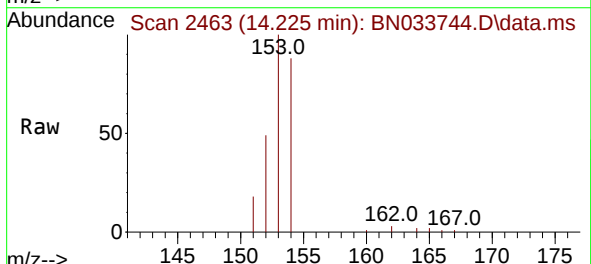
Instrument :
BNA_N
ClientSampleId :
YE3E3MSD

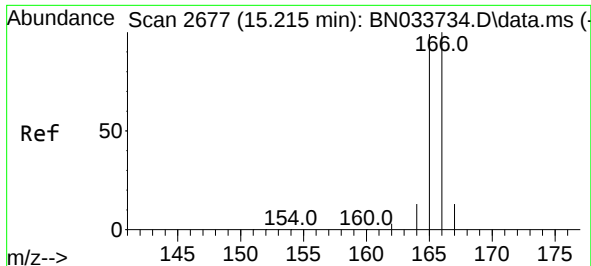
Tgt Ion:	152	Resp:	14620
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.2	24.4
153	13.7	10.8	16.2



#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.225 min Scan# 2463
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

Tgt Ion:	153	Resp:	11528
Ion Ratio	Lower	Upper	
153	100		
152	49.3	39.8	59.8
154	87.9	69.0	103.6

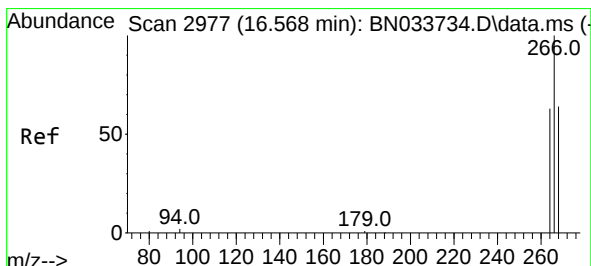
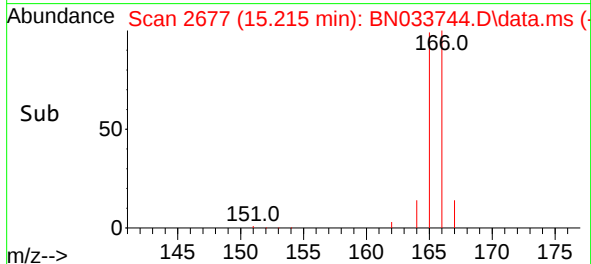
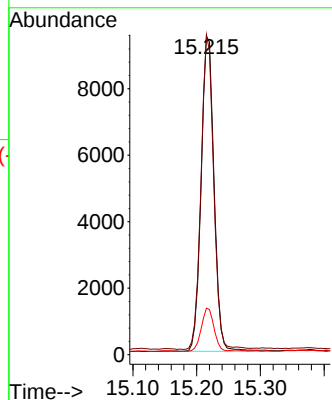
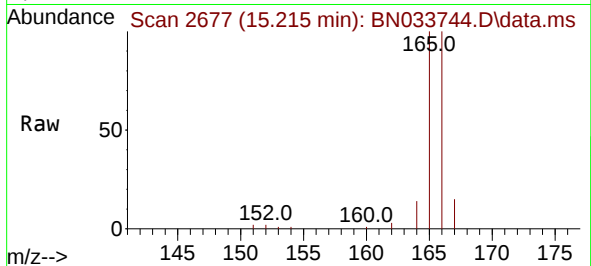




#12
Fluorene
Concen: 0.428 ng/ul
RT: 15.215 min Scan# 2677
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

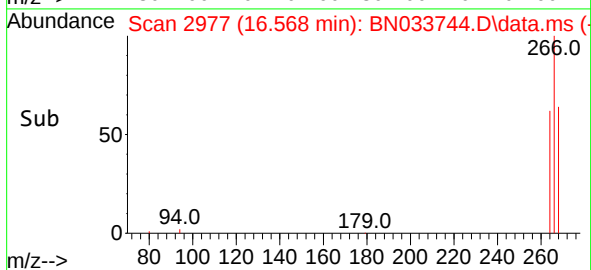
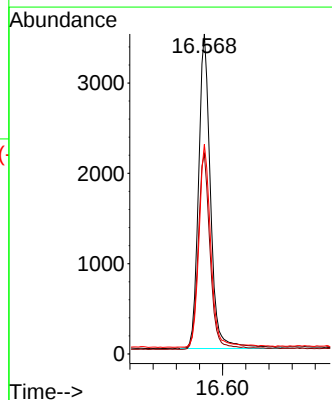
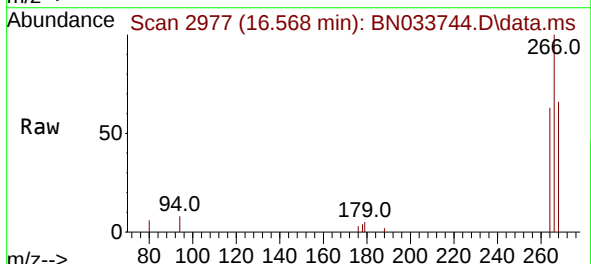
Instrument :
BNA_N
ClientSampleId :
YE3E3MSD

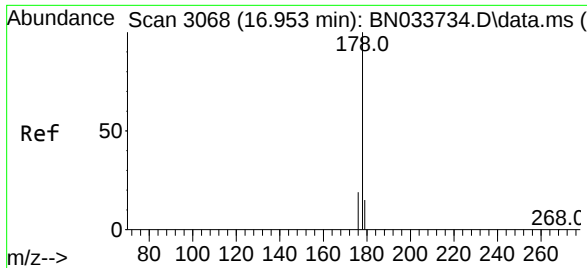
Tgt Ion:166 Resp: 13366
Ion Ratio Lower Upper
166 100
165 100.4 79.1 118.7
167 14.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.893 ng/ul
RT: 16.568 min Scan# 2977
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

Tgt Ion:266 Resp: 4985
Ion Ratio Lower Upper
266 100
264 62.5 50.3 75.5
268 64.4 51.7 77.5

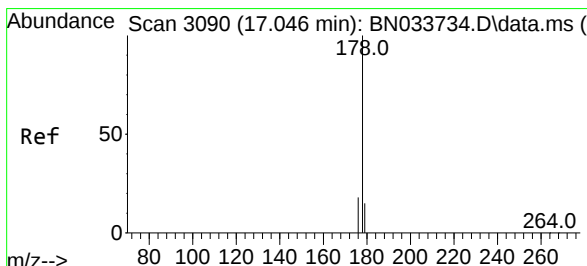
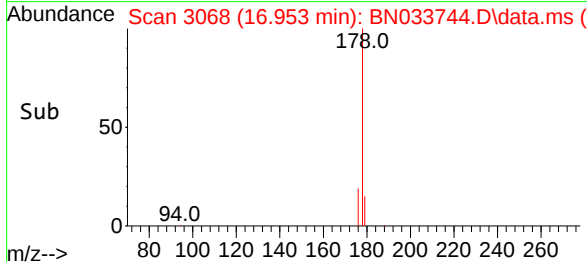
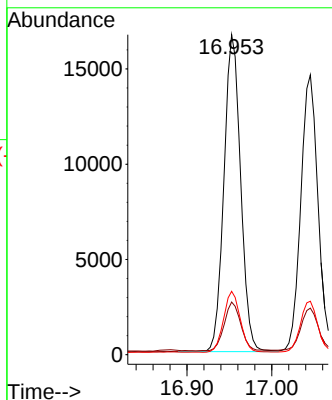
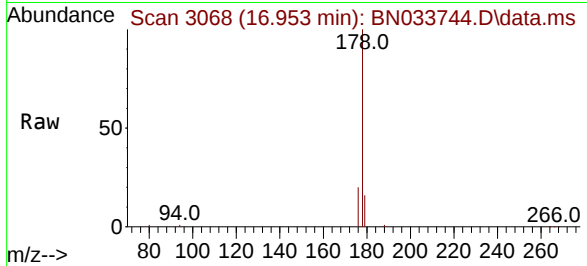




#15
Phenanthrene
Concen: 0.435 ng/u1
RT: 16.953 min Scan# 3068
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

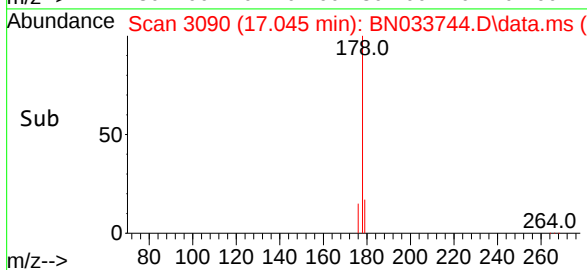
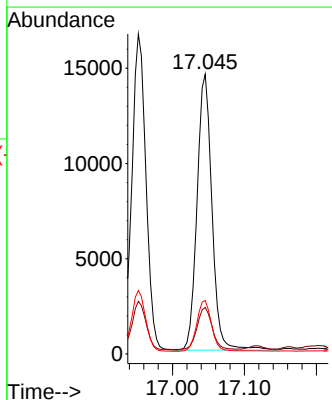
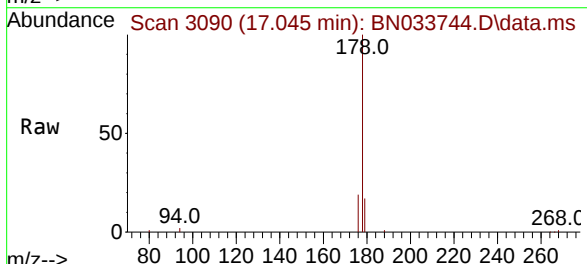
Instrument :
BNA_N
ClientSampleId :
YE3E3MSD

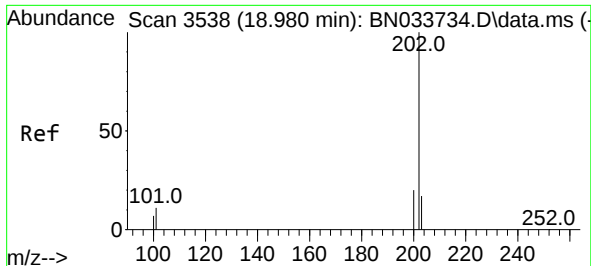
Tgt Ion:	178	Resp:	22766
Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	19.8	15.7	23.5



#16
Anthracene
Concen: 0.442 ng/u1
RT: 17.045 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

Tgt Ion:	178	Resp:	20809
Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.4
176	19.1	15.2	22.8

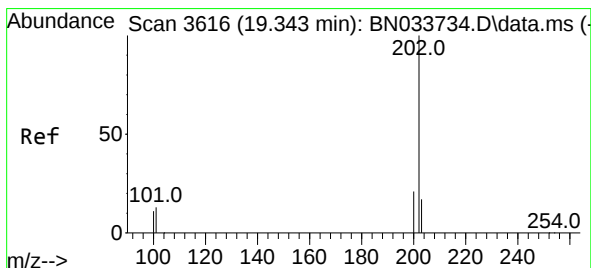
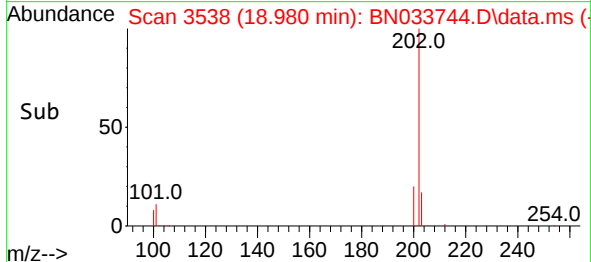
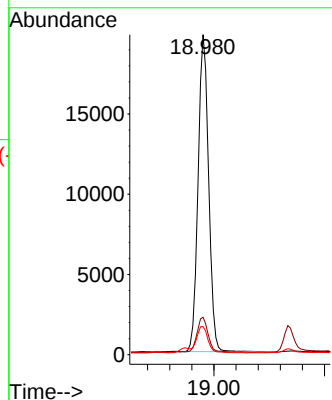
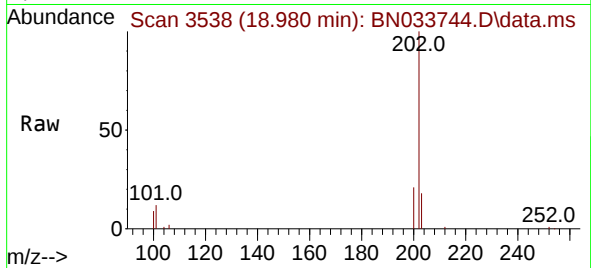




#19
Fluoranthene
Concen: 0.447 ng/ul
RT: 18.980 min Scan# 3538
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

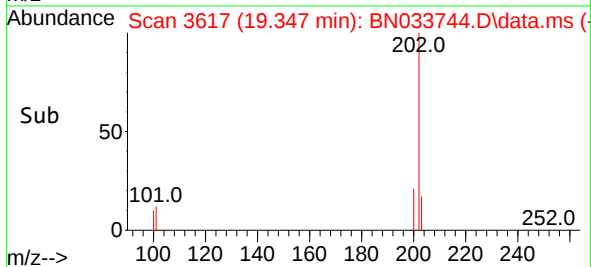
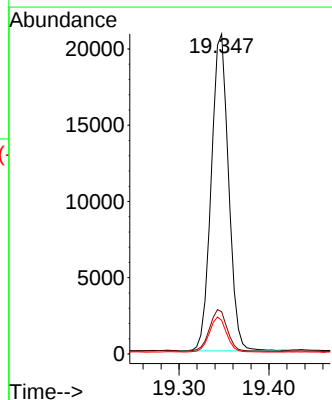
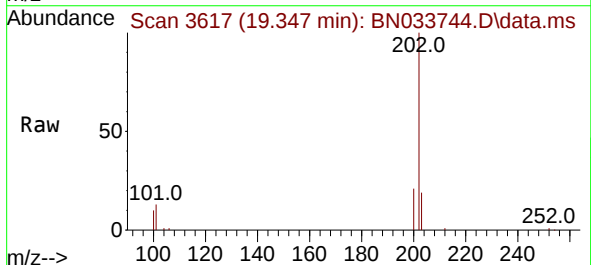
Instrument :
BNA_N
ClientSampleId :
YE3E3MSD

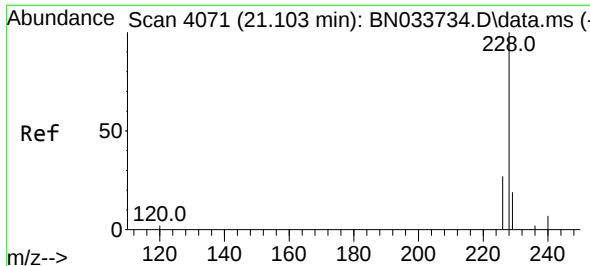
Tgt Ion:202 Resp: 26172
Ion Ratio Lower Upper
202 100
101 11.7 9.0 13.4
100 8.8 6.7 10.1



#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.347 min Scan# 3617
Delta R.T. 0.005 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

Tgt Ion:202 Resp: 27787
Ion Ratio Lower Upper
202 100
101 13.2 10.8 16.2
100 10.5 8.7 13.1

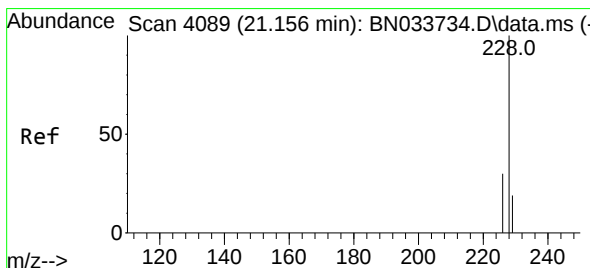
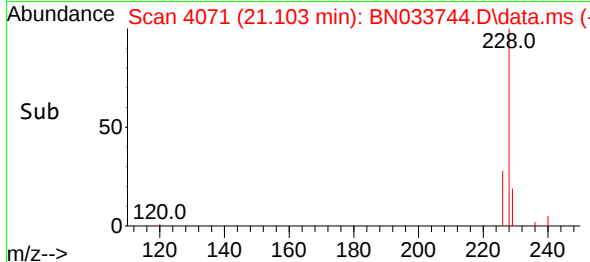
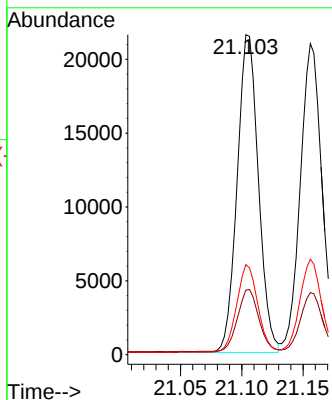
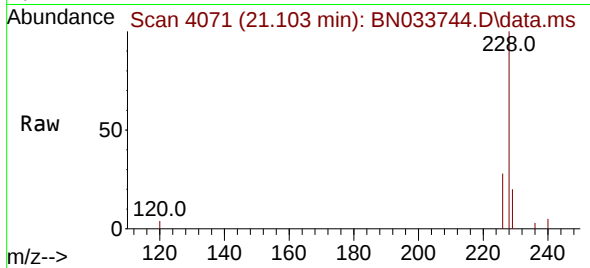




#21
Benzo(a)anthracene
Concen: 0.444 ng/ul
RT: 21.103 min Scan# 4071
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

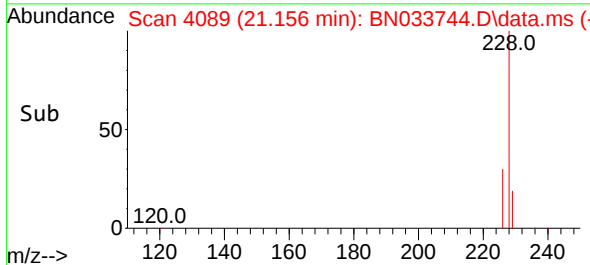
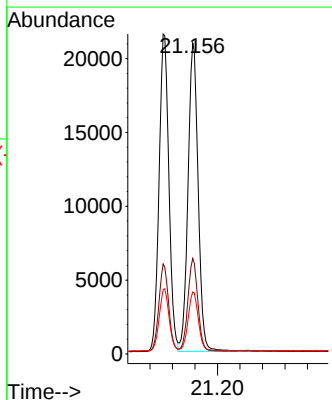
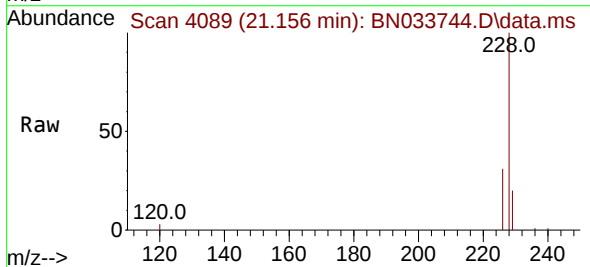
Instrument :
BNA_N
ClientSampleId :
YE3E3MSD

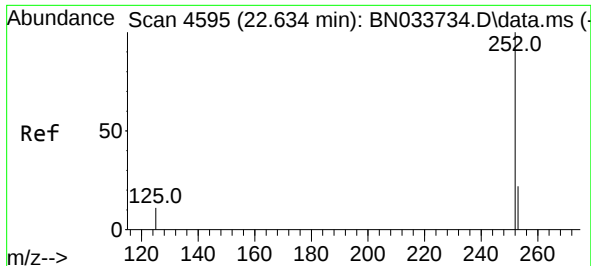
Tgt Ion:228 Resp: 25940
Ion Ratio Lower Upper
228 100
229 20.2 15.4 23.2
226 28.2 22.1 33.1



#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.156 min Scan# 4089
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

Tgt Ion:228 Resp: 26159
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 20.0 15.6 23.4

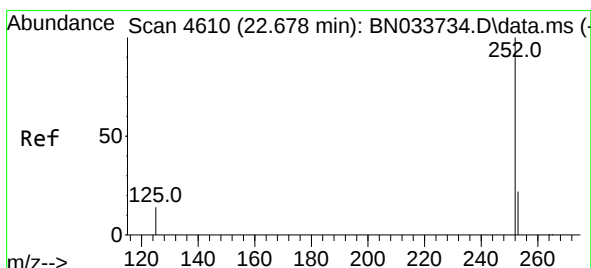
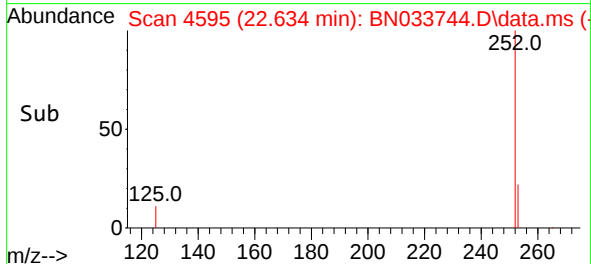
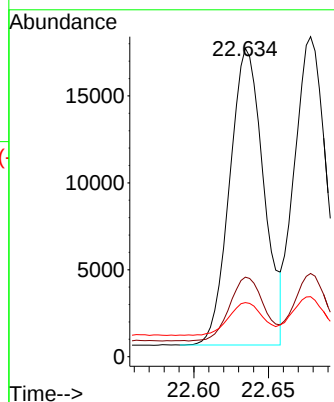
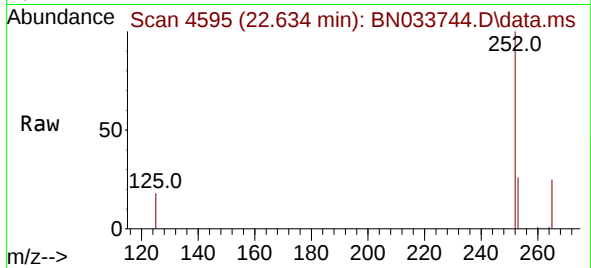




#24
Benzo(b)fluoranthene
Concen: 0.434 ng/ul
RT: 22.634 min Scan# 4595
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

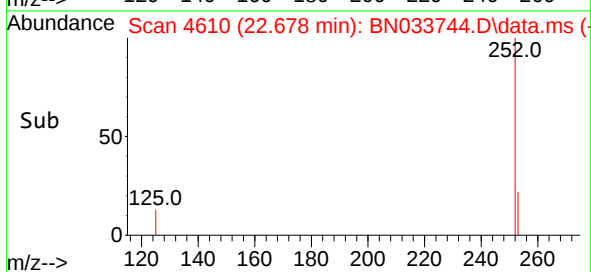
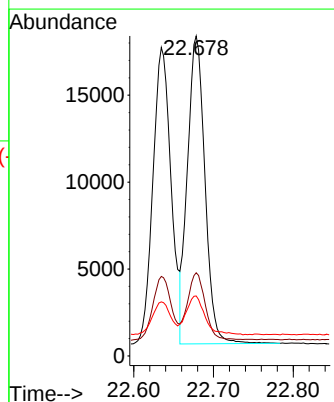
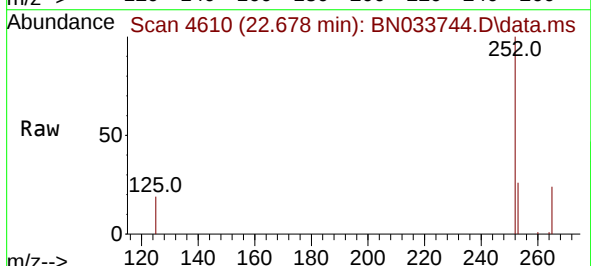
Instrument :
BNA_N
ClientSampleId :
YE3E3MSD

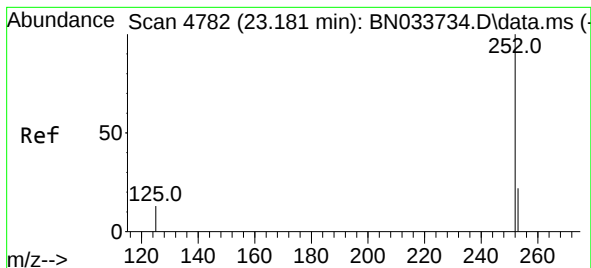
Tgt Ion:252 Resp: 27134
Ion Ratio Lower Upper
252 100
253 25.8 0.0 52.8
125 17.5 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.431 ng/ul
RT: 22.678 min Scan# 4610
Delta R.T. -0.000 min
Lab File: BN033744.D
Acq: 03 Sep 2024 16:58

Tgt Ion:252 Resp: 26980
Ion Ratio Lower Upper
252 100
253 26.0 21.4 32.0
125 18.7 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.471 ng/ul

RT: 23.181 min Scan# 4782

Delta R.T. -0.000 min

Lab File: BN033744.D

Acq: 03 Sep 2024 16:58

Instrument :

BNA_N

ClientSampleId :

YE3E3MSD

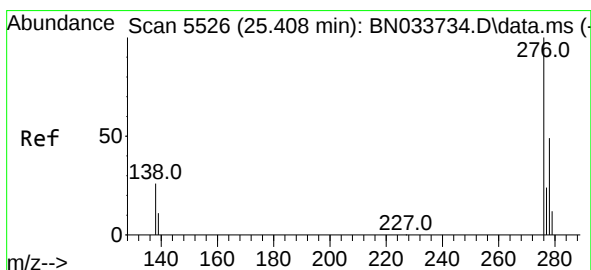
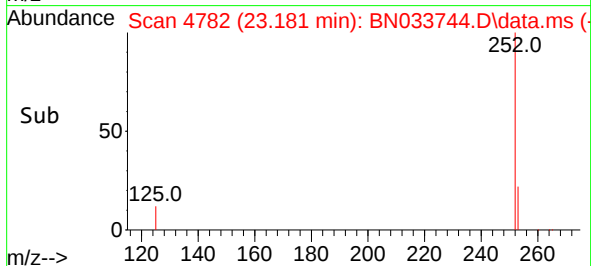
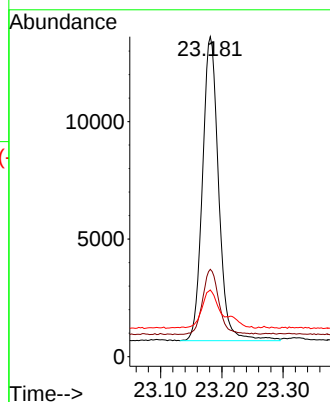
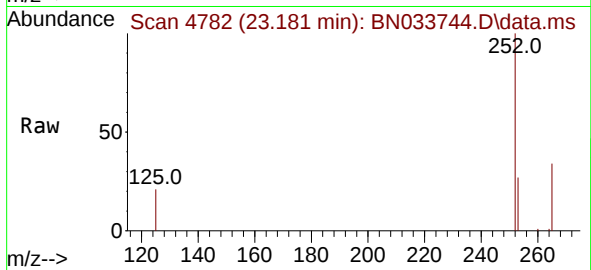
Tgt Ion:252 Resp: 23663

Ion Ratio Lower Upper

252 100

253 27.3 22.8 34.2

125 20.9 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.417 ng/ul

RT: 25.411 min Scan# 5527

Delta R.T. 0.003 min

Lab File: BN033744.D

Acq: 03 Sep 2024 16:58

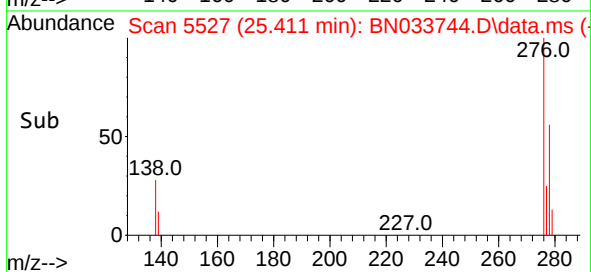
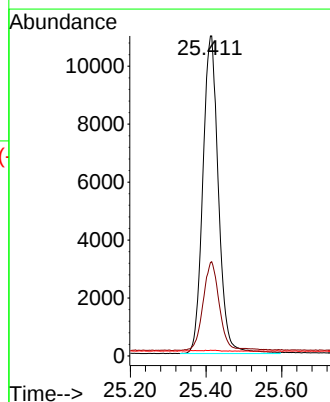
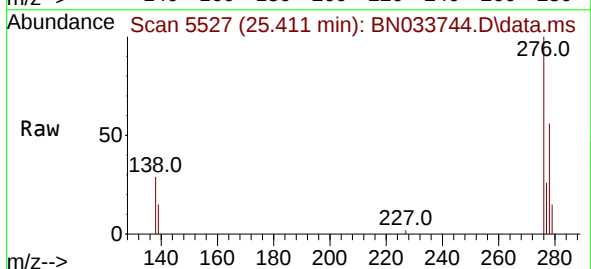
Tgt Ion:276 Resp: 31438

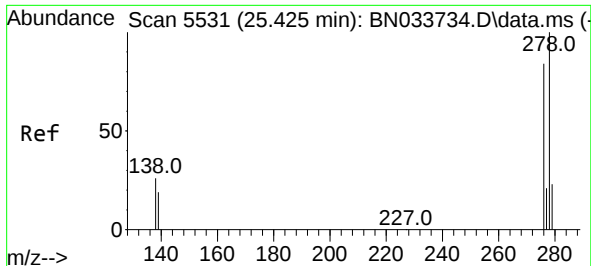
Ion Ratio Lower Upper

276 100

138 29.1 22.3 33.5

227 0.2 0.2 0.4

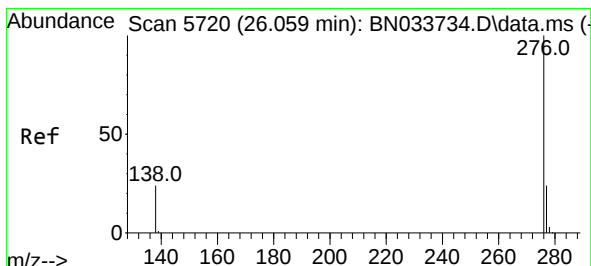
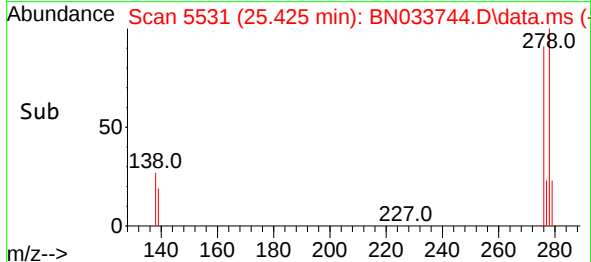
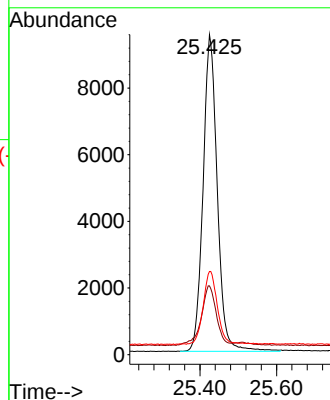
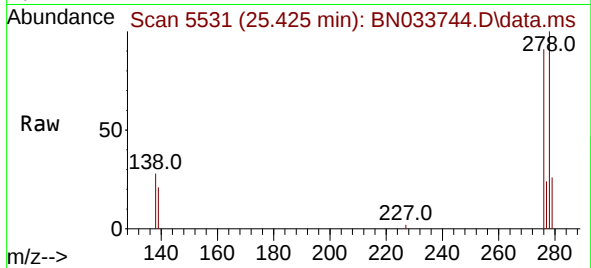




#28
 Dibenzo(a,h)anthracene
 Concen: 0.418 ng/ul
 RT: 25.425 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BN033744.D
 Acq: 03 Sep 2024 16:58

Instrument :
 BNA_N
 ClientSampleId :
 YE3E3MSD

Tgt Ion:278 Resp: 24503
 Ion Ratio Lower Upper
 278 100
 139 21.5 17.3 25.9
 279 26.0 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.416 ng/ul
 RT: 26.055 min Scan# 5719
 Delta R.T. -0.003 min
 Lab File: BN033744.D
 Acq: 03 Sep 2024 16:58

Tgt Ion:276 Resp: 24545
 Ion Ratio Lower Upper
 276 100
 138 25.9 20.8 31.2
 277 24.7 20.2 30.4

