

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032319.D
 Acq On : 28 Jun 2024 18:14
 Operator : MA/JU
 Sample : P2898-09MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1GB1MS

Quant Time: Jun 28 23:05:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

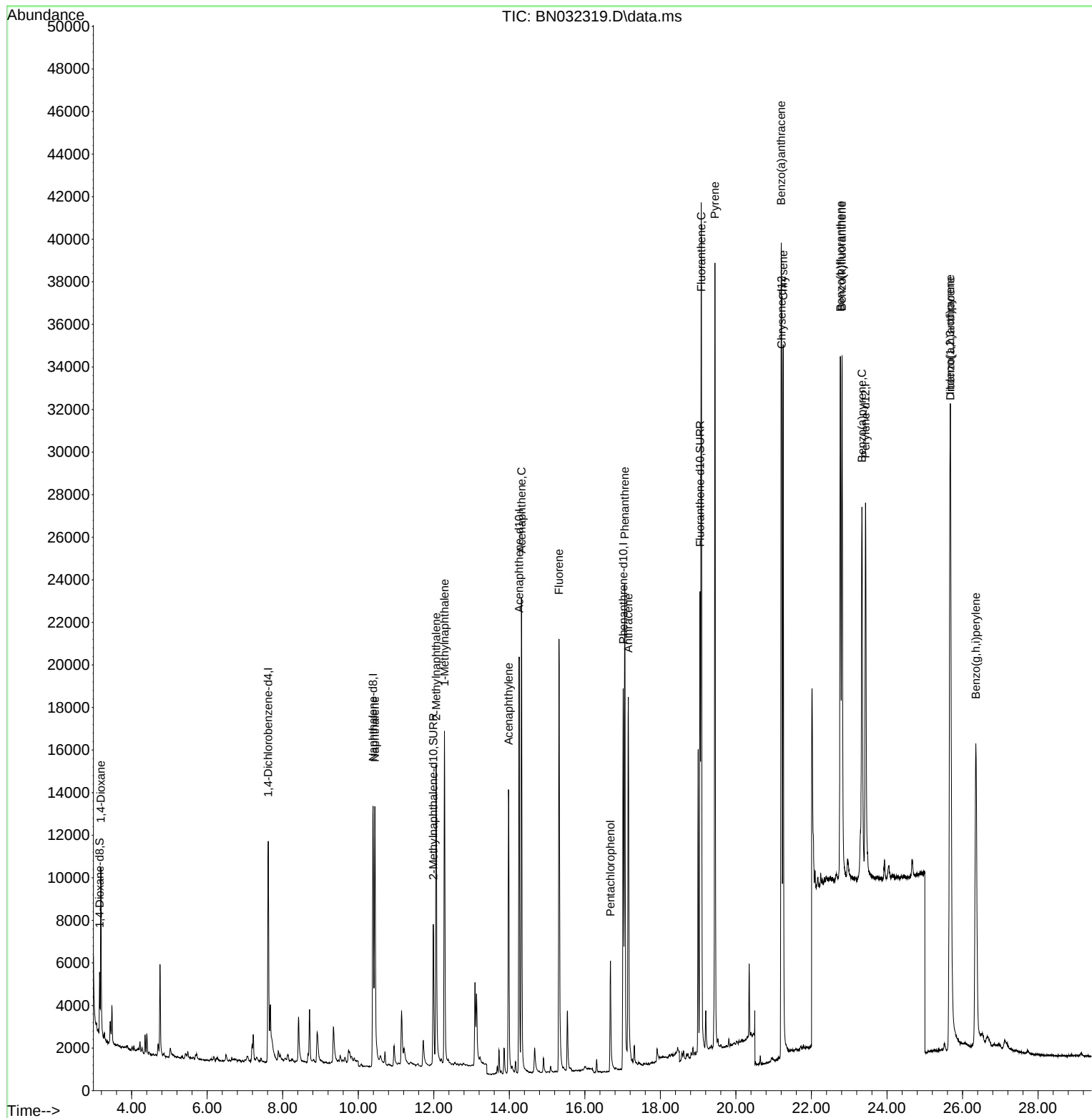
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	6705	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	20745	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	11800	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	24354	0.400	ng/ul	0.00
17) Chrysene-d12	21.214	240	21754	0.400	ng/ul	-0.01
23) Perylene-d12	23.433	264	24397	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	2011	0.270	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	10434	0.335	ng/ul	-0.01
18) Fluoranthene-d10	19.050	212	25335	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.185	88	5891	0.694	ng/ul	96
5) Naphthalene	10.442	128	19163	0.349	ng/ul	99
7) 2-Methylnaphthalene	12.065	142	12330	0.339	ng/ul	99
8) 1-Methylnaphthalene	12.285	142	12022	0.319	ng/ul	99
10) Acenaphthylene	13.980	152	17785	0.362	ng/ul	98
11) Acenaphthene	14.322	153	13740	0.361	ng/ul	99
12) Fluorene	15.317	166	15624	0.344	ng/ul	99
14) Pentachlorophenol	16.678	266	4664	0.846	ng/ul	99
15) Phenanthrene	17.058	178	26453	0.396	ng/ul	100
16) Anthracene	17.151	178	23193	0.389	ng/ul	99
19) Fluoranthene	19.082	202	32187	0.389	ng/ul#	79
20) Pyrene	19.445	202	32957	0.381	ng/ul	100
21) Benzo(a)anthracene	21.200	228	30778	0.392	ng/ul	99
22) Chrysene	21.252	228	31921	0.370	ng/ul	98
24) Benzo(b)fluoranthene	22.766	252	32603	0.308	ng/ul	94
25) Benzo(k)fluoranthene	22.810	252	33302	0.323	ng/ul#	94
26) Benzo(a)pyrene	23.339	252	29168	0.396	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.670	276	40339	0.349	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.683	278	32537	0.379	ng/ul#	96
29) Benzo(g,h,i)perylene	26.354	276	32953	0.358	ng/ul	97

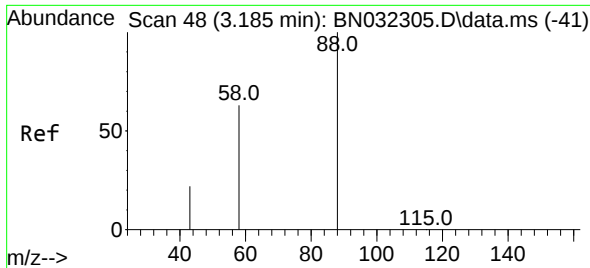
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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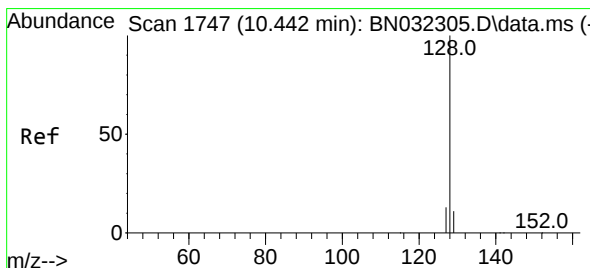
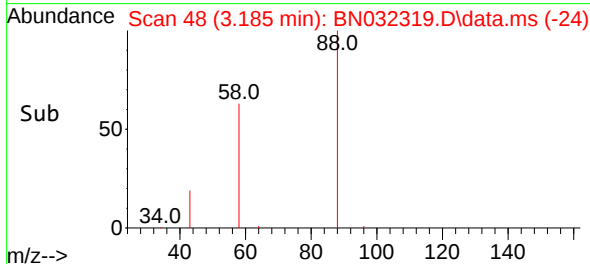
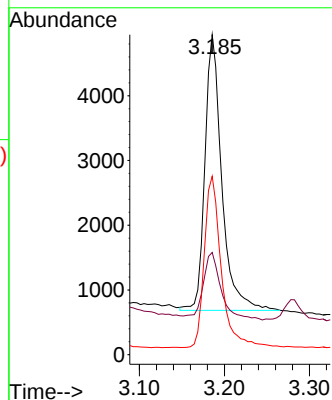
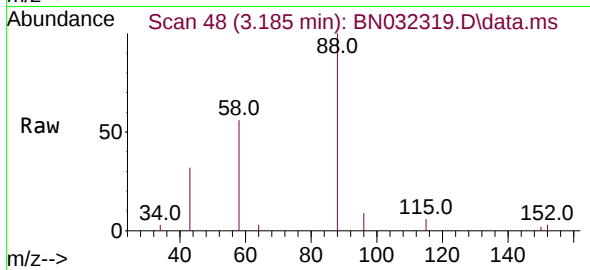




#2
1,4-Dioxane
Concen: 0.694 ng/ul
RT: 3.185 min Scan# 48
Delta R.T. -0.000 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

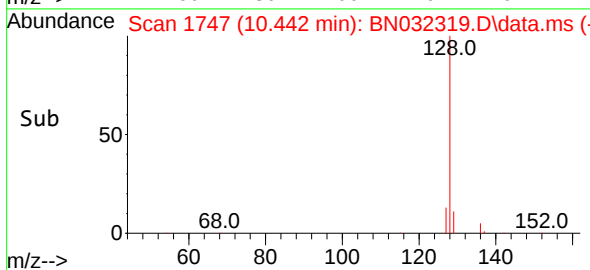
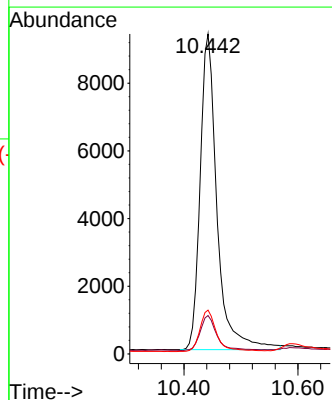
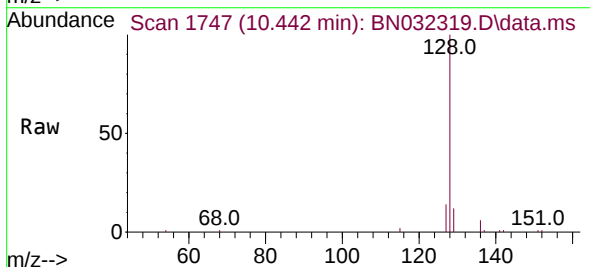
Instrument :
BNA_N
ClientSampleId :
E1GB1MS

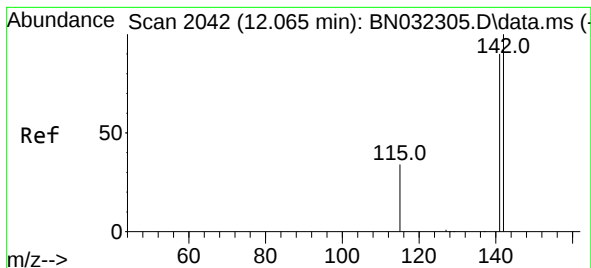
Tgt Ion: 88	Resp: 5891
Ion Ratio	Lower Upper
88 100	
43 31.9	28.4 42.6
58 55.8	43.3 64.9



#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

Tgt Ion:128	Resp:	19163	
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	13.7	10.8	16.2

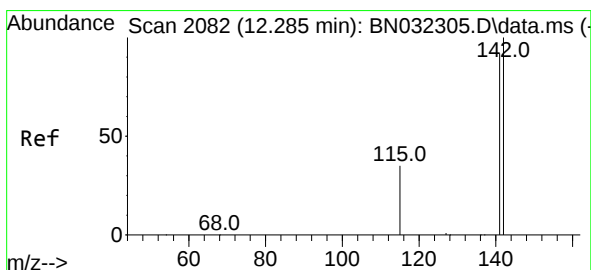
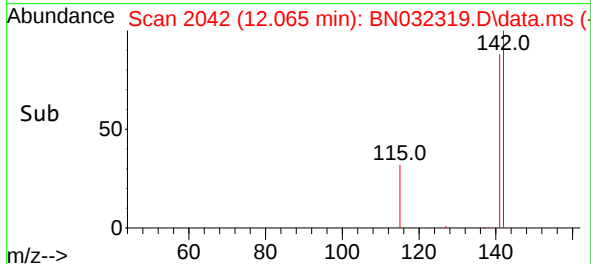
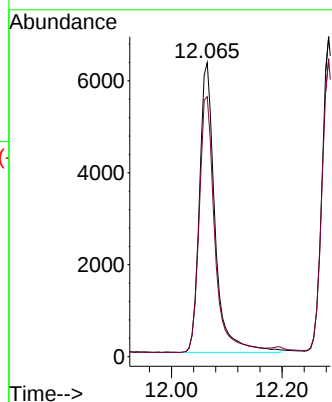
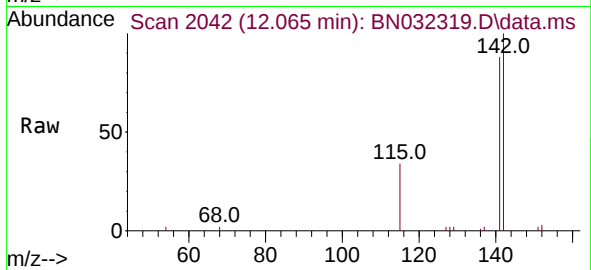




#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

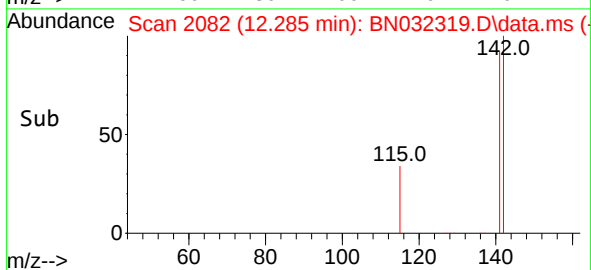
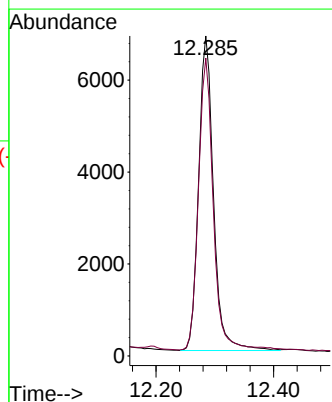
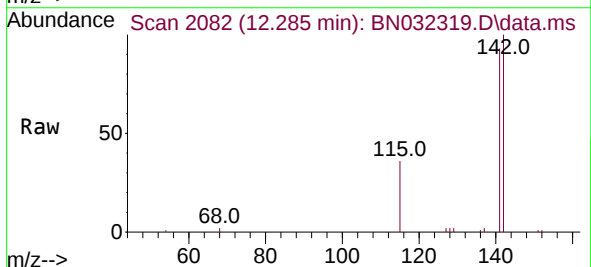
Instrument :
BNA_N
ClientSampleId :
E1GB1MS

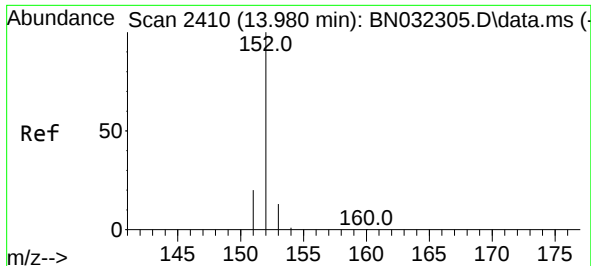
Tgt Ion:142 Resp: 12330
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.285 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

Tgt Ion:142 Resp: 12022
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0

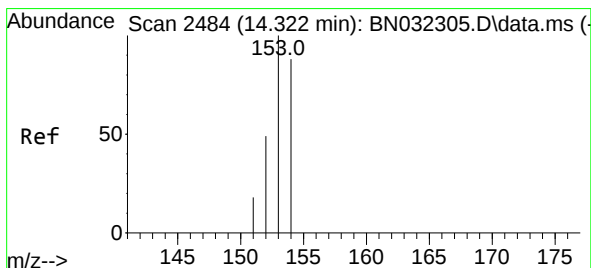
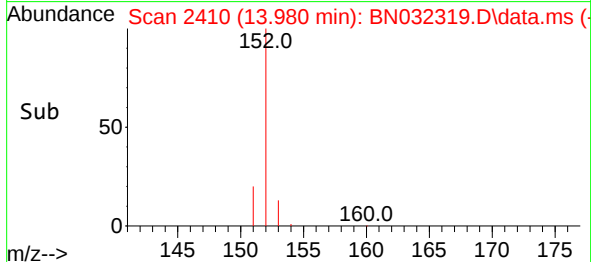
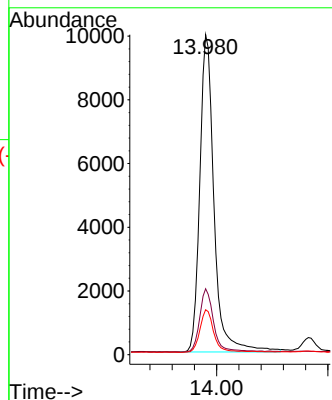
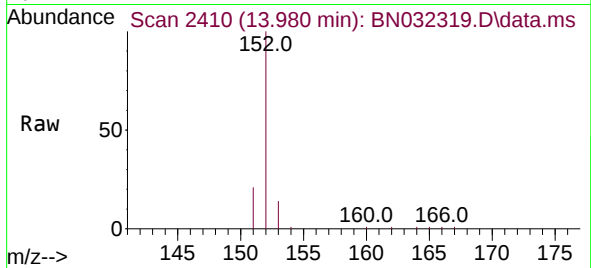




#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

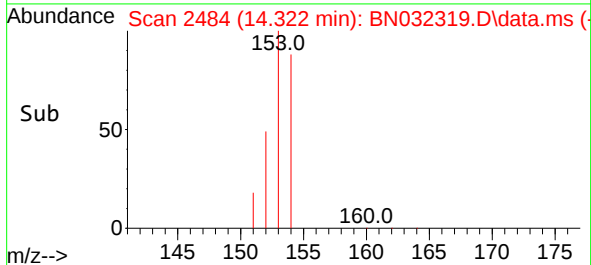
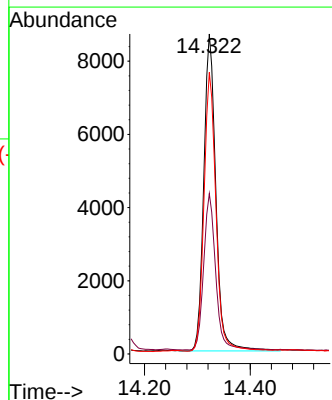
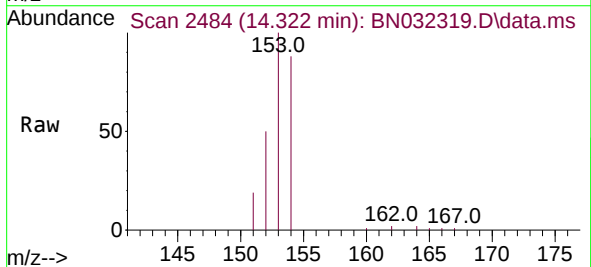
Instrument :
BNA_N
ClientSampleId :
E1GB1MS

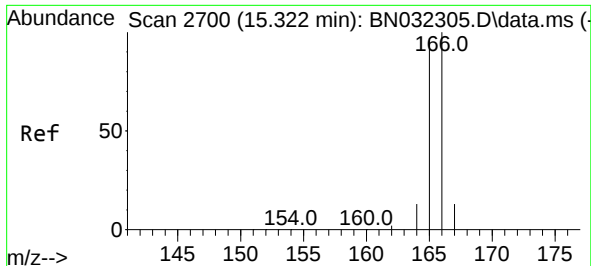
Tgt Ion:152 Resp: 17785
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.361 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

Tgt Ion:153 Resp: 13740
Ion Ratio Lower Upper
153 100
152 50.1 39.5 59.3
154 88.0 71.7 107.5

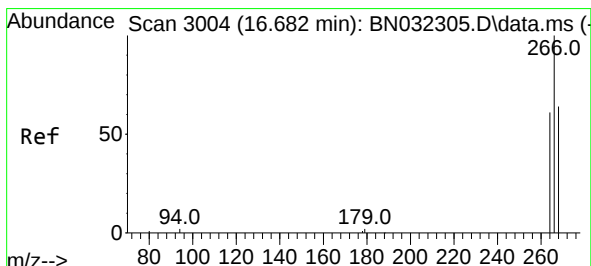
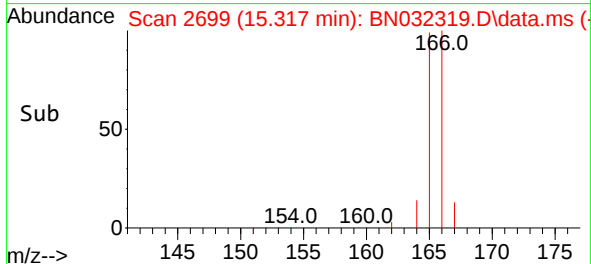
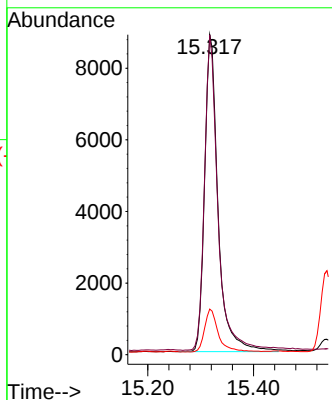
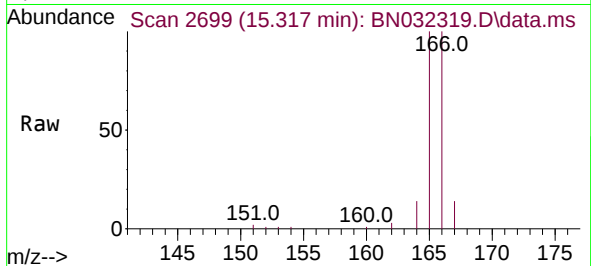




#12
Fluorene
Concen: 0.344 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

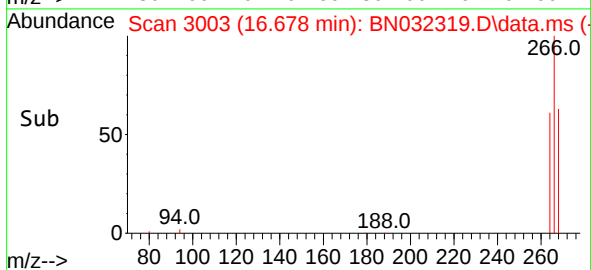
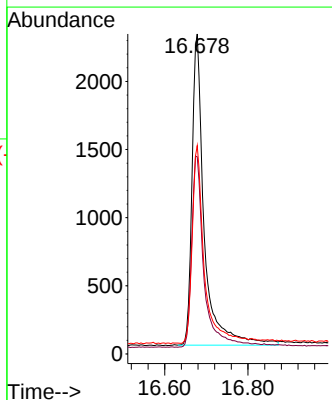
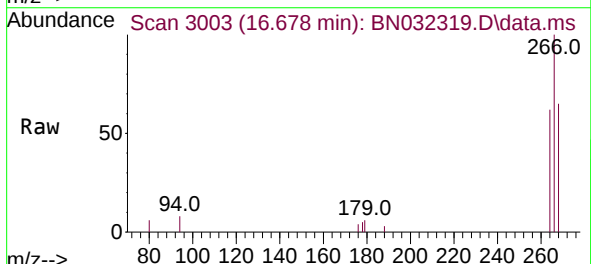
Instrument :
BNA_N
ClientSampleId :
E1GB1MS

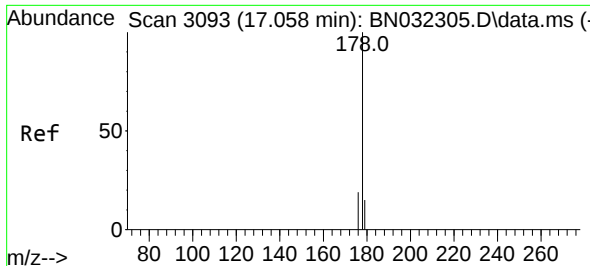
Tgt Ion:166 Resp: 15624
Ion Ratio Lower Upper
166 100
165 100.0 79.0 118.6
167 14.3 11.0 16.6



#14
Pentachlorophenol
Concen: 0.846 ng/ul
RT: 16.678 min Scan# 3003
Delta R.T. -0.021 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

Tgt Ion:266 Resp: 4664
Ion Ratio Lower Upper
266 100
264 63.2 49.9 74.9
268 64.6 52.4 78.6

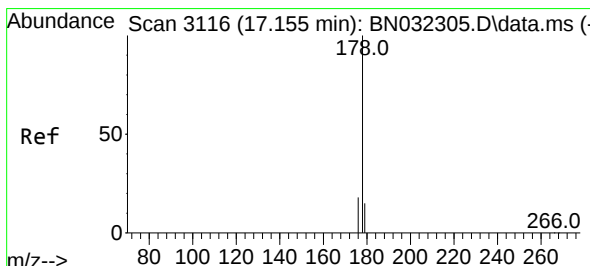
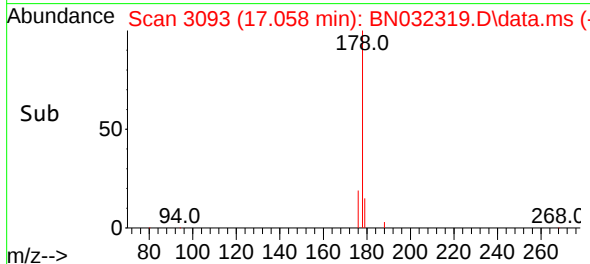
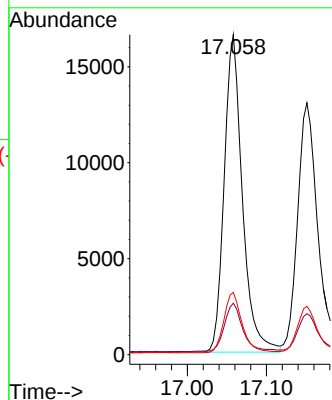
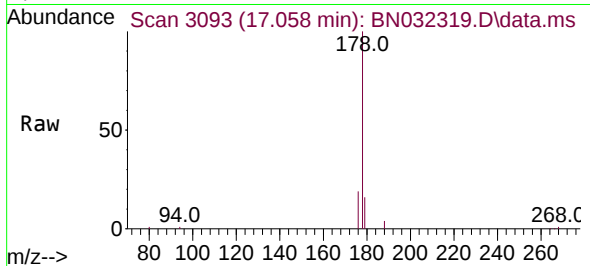




#15
Phenanthrene
Concen: 0.396 ng/u1
RT: 17.058 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

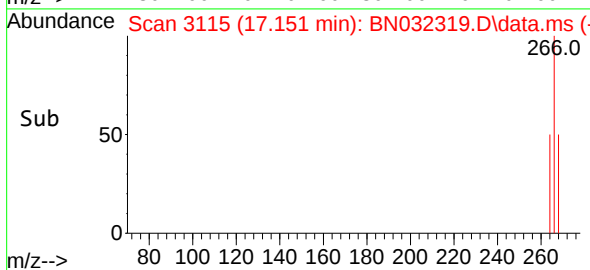
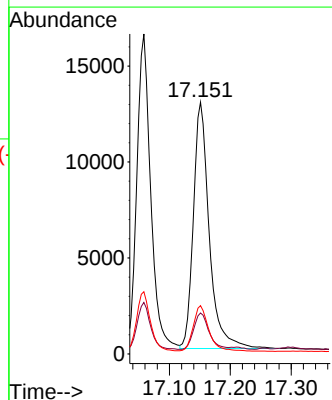
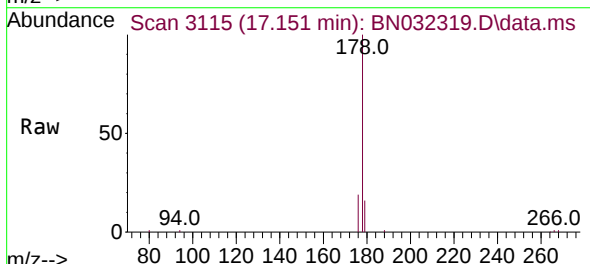
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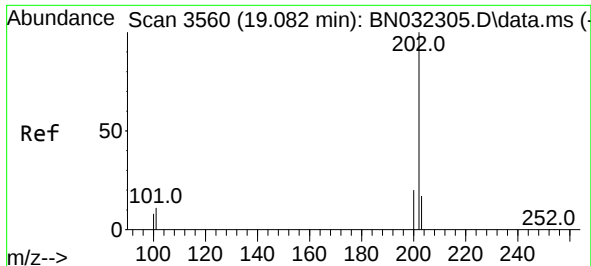
Tgt Ion:178 Resp: 26453
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.389 ng/u1
RT: 17.151 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

Tgt Ion:178 Resp: 23193
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 19.2 15.0 22.6

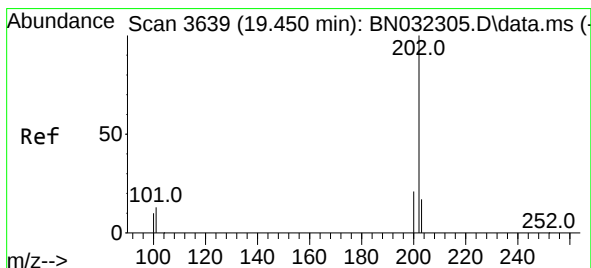
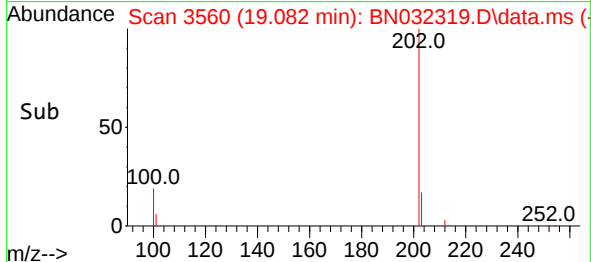
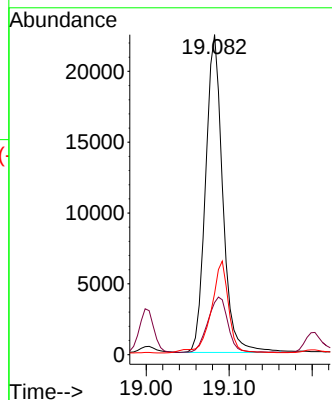
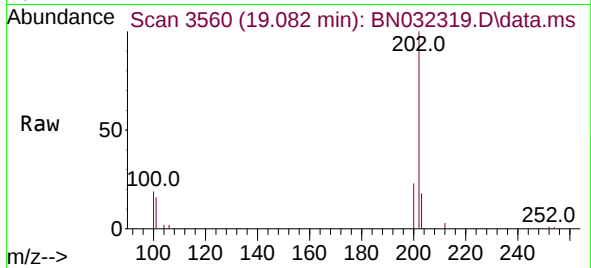




#19
Fluoranthene
Concen: 0.389 ng/u1
RT: 19.082 min Scan# 3560
Delta R.T. -0.009 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

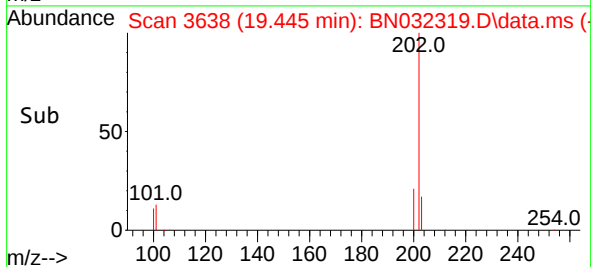
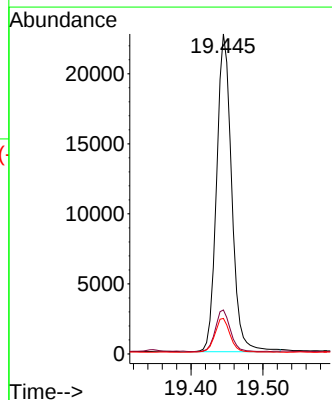
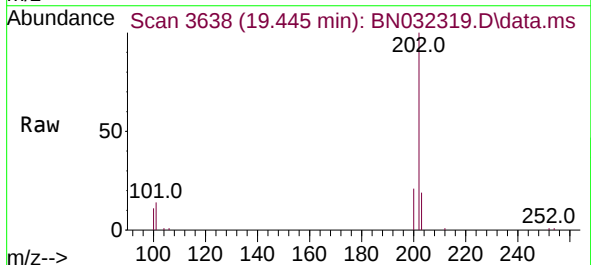
Instrument :
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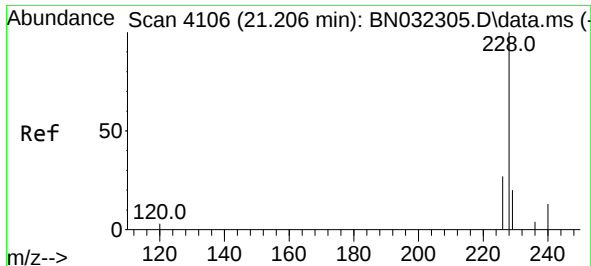
Tgt Ion:202 Resp: 32187
Ion Ratio Lower Upper
202 100
101 16.3 8.8 13.2#
100 19.1 6.4 9.6#



#20
Pyrene
Concen: 0.381 ng/u1
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

Tgt Ion:202 Resp: 32957
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.4
100 11.1 8.7 13.1

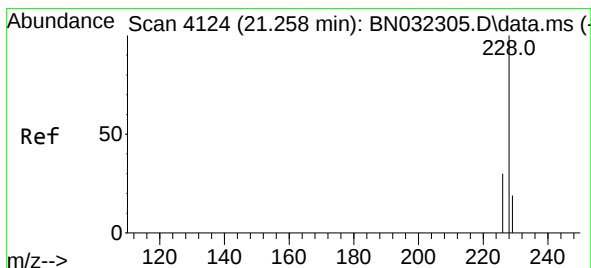
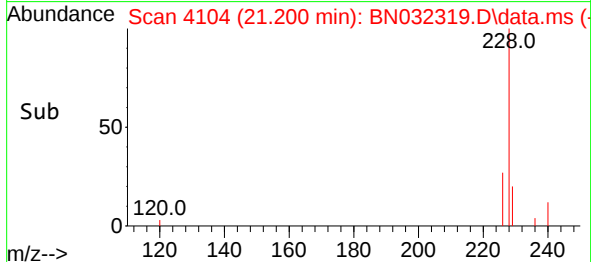
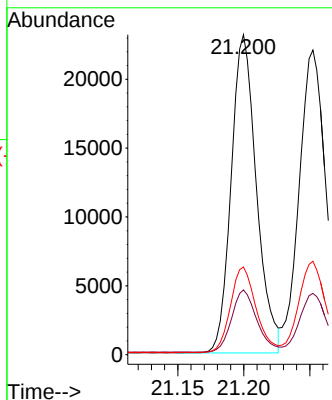
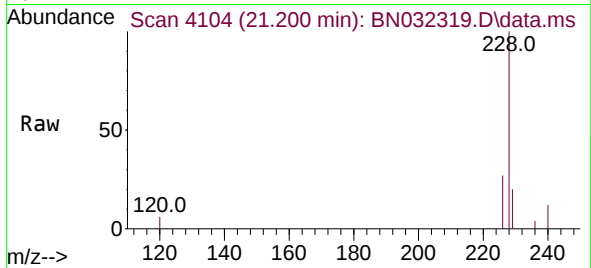




#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.200 min Scan# 4106
Delta R.T. -0.015 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

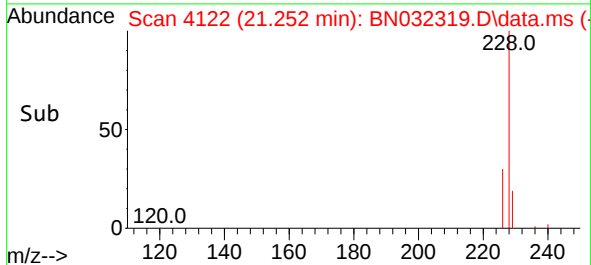
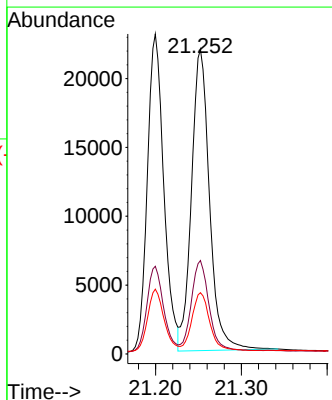
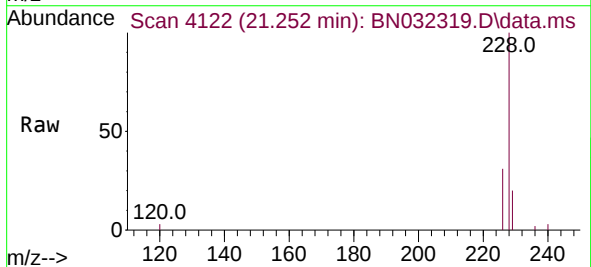
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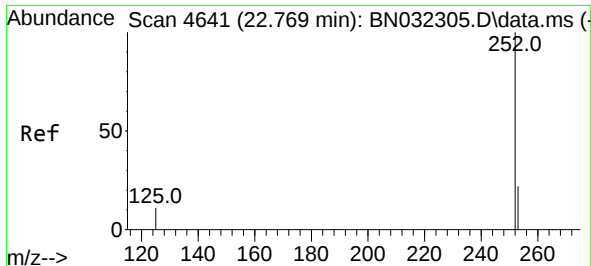
Tgt Ion:228 Resp: 30778
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.4 21.8 32.8



#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

Tgt Ion:228 Resp: 31921
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 20.1 15.7 23.5

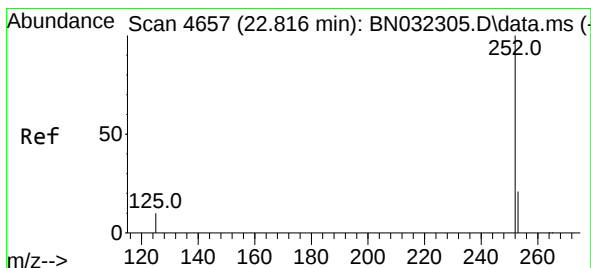
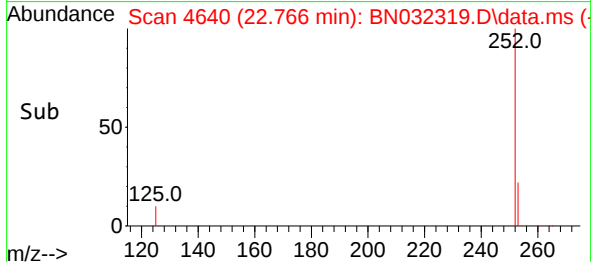
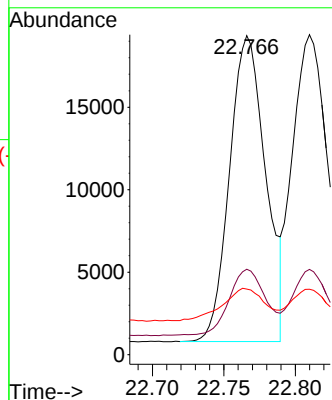
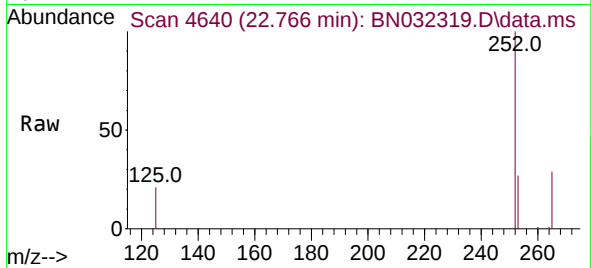




#24
Benzo(b)fluoranthene
Concen: 0.308 ng/ul
RT: 22.766 min Scan# 4640
Delta R.T. -0.018 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

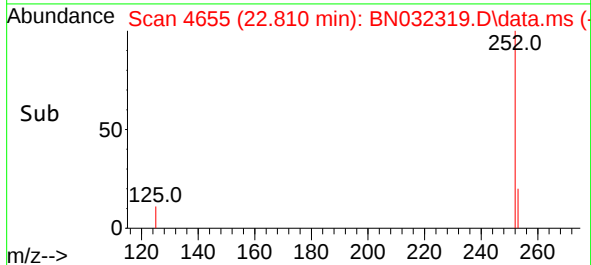
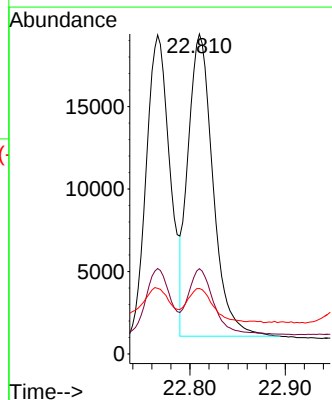
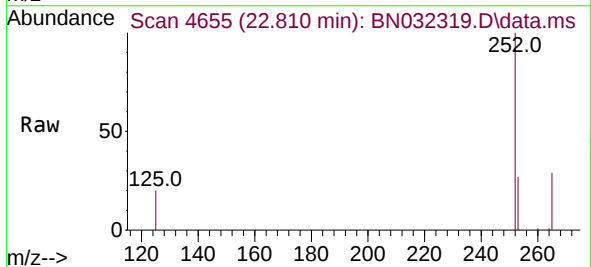
Instrument :
BNA_N
ClientSampleId :
E1GB1MS

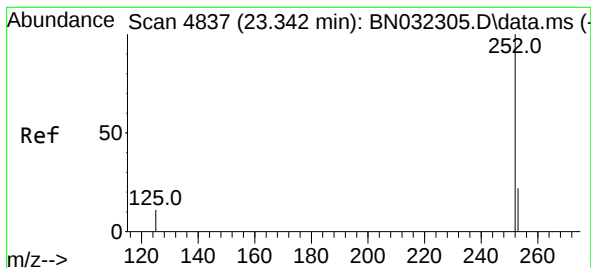
Tgt Ion:252 Resp: 32603
Ion Ratio Lower Upper
252 100
253 26.8 0.0 50.2
125 20.6 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul
RT: 22.810 min Scan# 4655
Delta R.T. -0.018 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

Tgt Ion:252 Resp: 33302
Ion Ratio Lower Upper
252 100
253 26.6 20.3 30.5
125 20.4 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.396 ng/ul

RT: 23.339 min Scan# 4836

Delta R.T. -0.021 min

Lab File: BN032319.D

Acq: 28 Jun 2024 18:14

Instrument :

BNA_N

ClientSampleId :

E1GB1MS

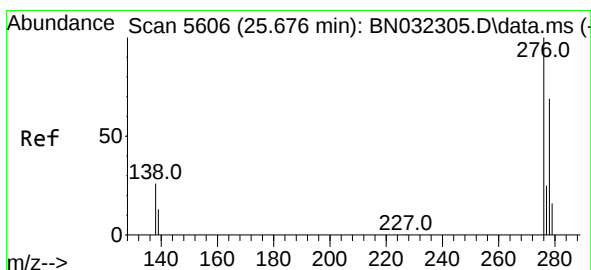
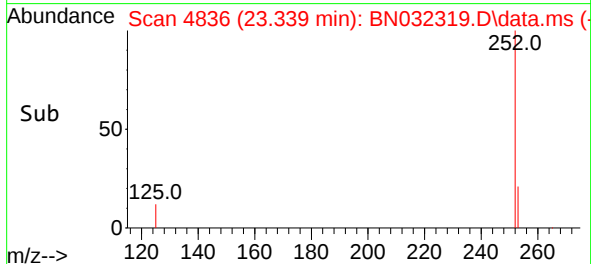
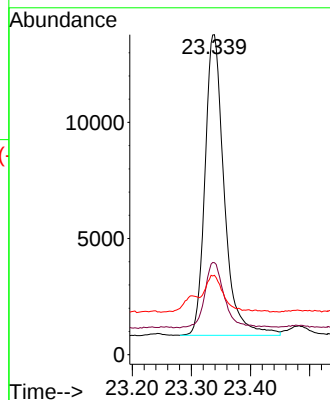
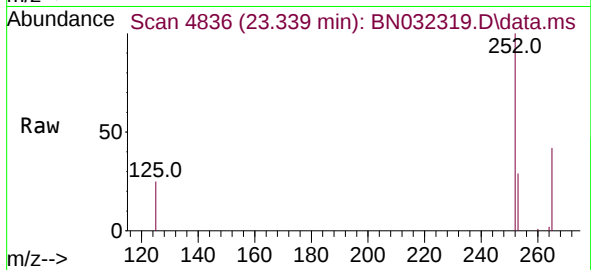
Tgt Ion:252 Resp: 29168

Ion Ratio Lower Upper

252 100

253 28.7 22.2 33.2

125 24.8 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.349 ng/ul

RT: 25.670 min Scan# 5604

Delta R.T. -0.030 min

Lab File: BN032319.D

Acq: 28 Jun 2024 18:14

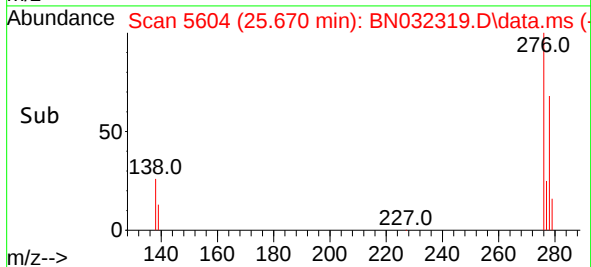
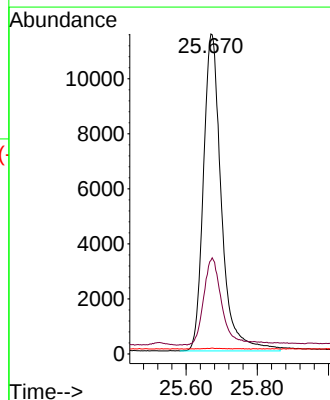
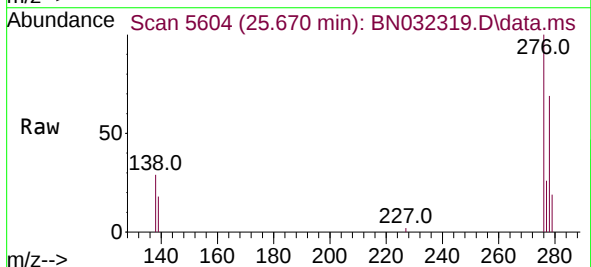
Tgt Ion:276 Resp: 40339

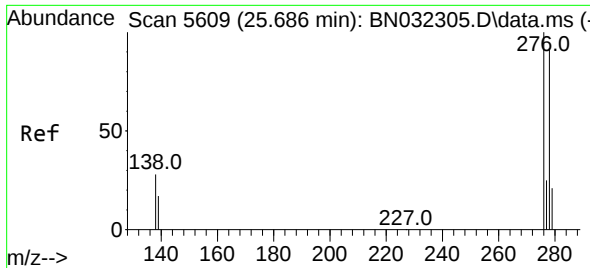
Ion Ratio Lower Upper

276 100

138 28.4 21.3 31.9

227 0.1 0.1 0.1#

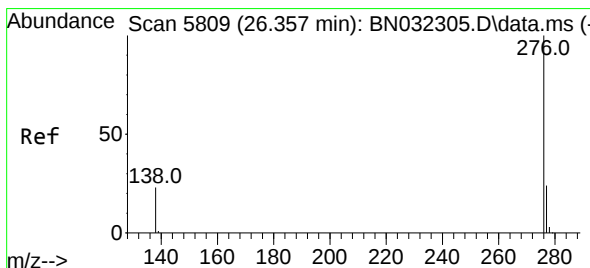
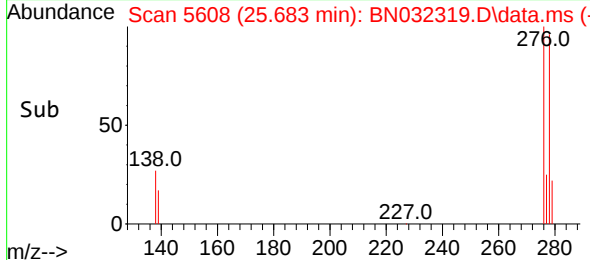
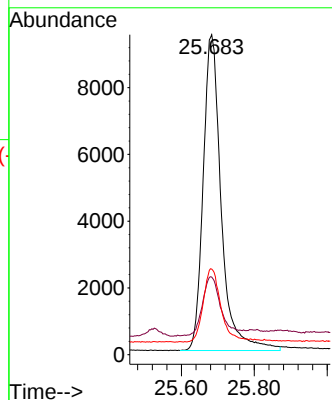
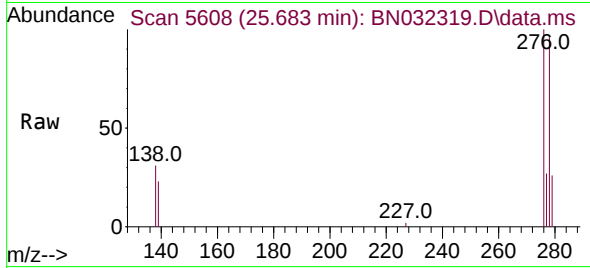




#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 25.683 min Scan# 5608
Delta R.T. -0.027 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

Instrument :
BNA_N
ClientSampleId :
E1GB1MS

Tgt Ion:278 Resp: 32537
Ion Ratio Lower Upper
278 100
139 24.3 15.9 23.9#
279 26.7 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 26.354 min Scan# 5808
Delta R.T. -0.027 min
Lab File: BN032319.D
Acq: 28 Jun 2024 18:14

Tgt Ion:276 Resp: 32953
Ion Ratio Lower Upper
276 100
138 27.7 19.8 29.6
277 25.2 19.8 29.6

