

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032716.D
 Acq On : 13 Jul 2024 18:45
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DFTPP

Quant Time: Jul 15 08:58:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

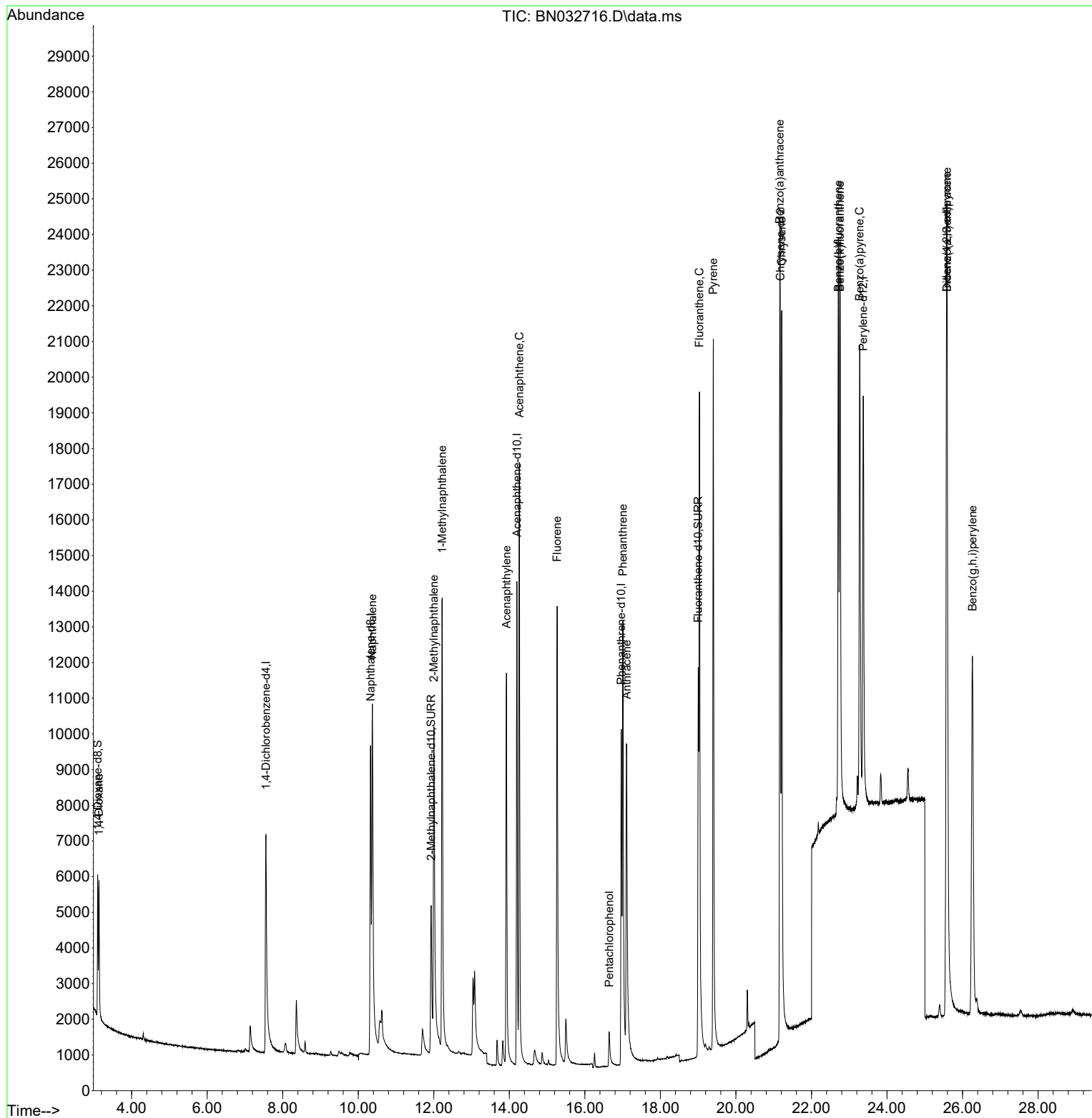
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	5623	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.325	136	16986	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.201	164	8537	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.964	188	15714	0.400	ng/ul	-0.03
17) Chrysene-d12	21.175	240	13997	0.400	ng/ul	-0.02
23) Perylene-d12	23.370	264	17490	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	2696	0.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	9329	0.363	ng/ul	-0.04
18) Fluoranthene-d10	19.002	212	16232	0.356	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	2857	0.372	ng/ul#	85
5) Naphthalene	10.375	128	18014	0.395	ng/ul	98
7) 2-Methylnaphthalene	12.003	142	10683	0.375	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	11290	0.383	ng/ul	100
10) Acenaphthylene	13.923	152	15865	0.460	ng/ul	99
11) Acenaphthene	14.266	153	11448	0.401	ng/ul	99
12) Fluorene	15.265	166	11674	0.358	ng/ul	99
14) Pentachlorophenol	16.643	266	1312	0.476	ng/ul	99
15) Phenanthrene	17.006	178	16467	0.385	ng/ul	100
16) Anthracene	17.103	178	15205	0.435	ng/ul	100
19) Fluoranthene	19.035	202	20410	0.359	ng/ul	99
20) Pyrene	19.402	202	21331	0.362	ng/ul	99
21) Benzo(a)anthracene	21.160	228	19745	0.443	ng/ul	98
22) Chrysene	21.213	228	22864	0.355	ng/ul	99
24) Benzo(b)fluoranthene	22.709	252	22255	0.361	ng/ul	96
25) Benzo(k)fluoranthene	22.756	252	24529	0.326	ng/ul	96
26) Benzo(a)pyrene	23.276	252	22470	0.421	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.581	276	28160	0.389	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.588	278	22551	0.402	ng/ul	97
29) Benzo(g,h,i)perylene	26.262	276	23203	0.384	ng/ul	98

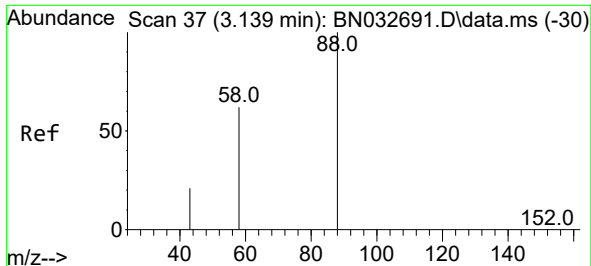
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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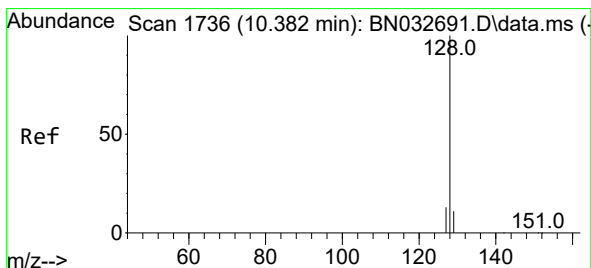
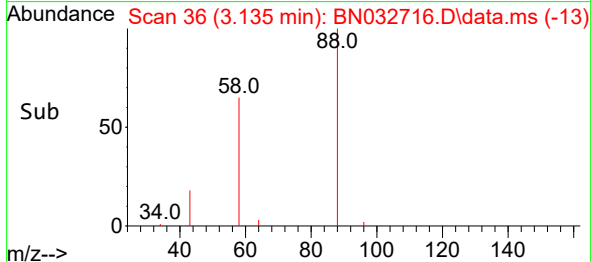
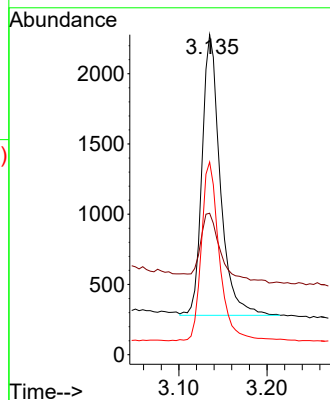
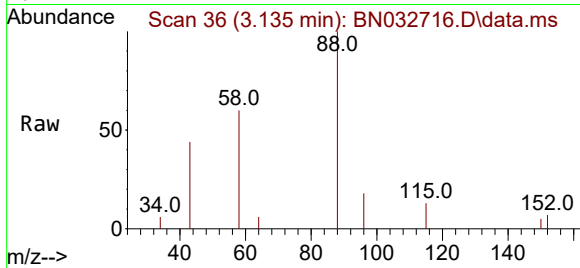




#2
1,4-Dioxane
Concen: 0.372 ng/ul
RT: 3.135 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

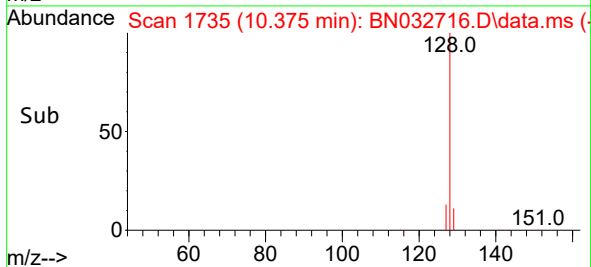
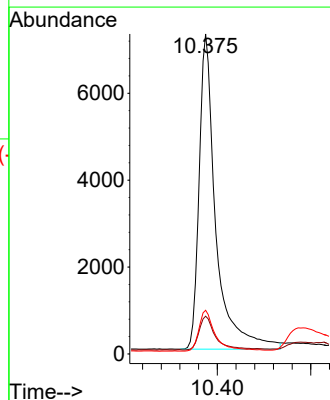
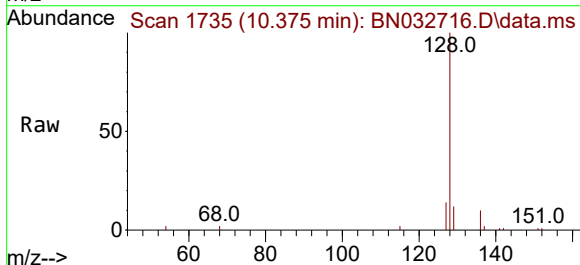
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BNA_N
ClientSampleId :
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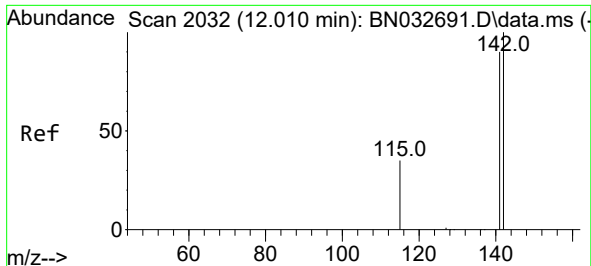
Tgt Ion: 88 Resp: 2857
Ion Ratio Lower Upper
88 100
43 44.2 24.0 36.0#
58 60.2 43.3 64.9



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.375 min Scan# 1735
Delta R.T. -0.034 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

Tgt Ion:128 Resp: 18014
Ion Ratio Lower Upper
128 100
129 11.8 10.0 15.0
127 13.7 11.6 17.4

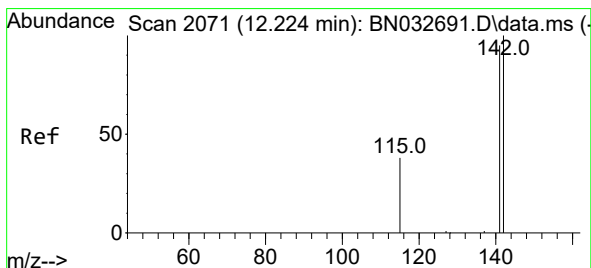
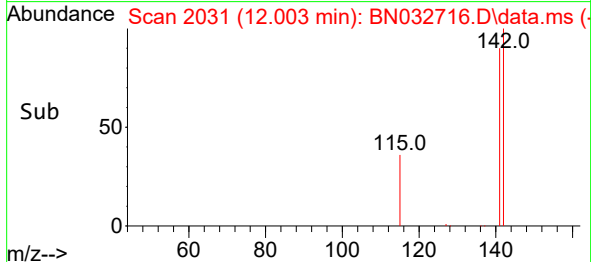
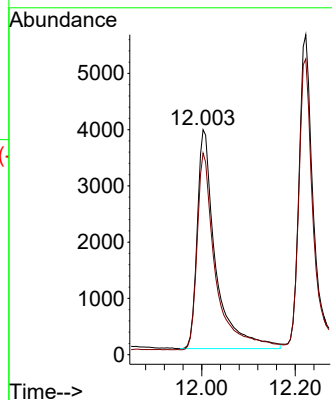
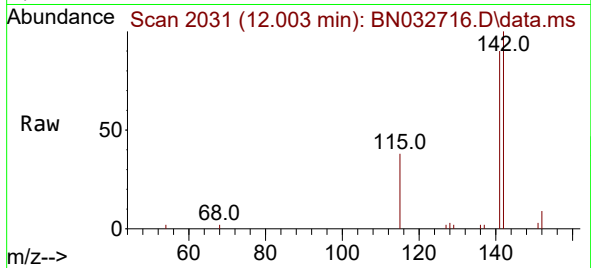




#7
2-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.003 min Scan# 2032
Delta R.T. -0.045 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

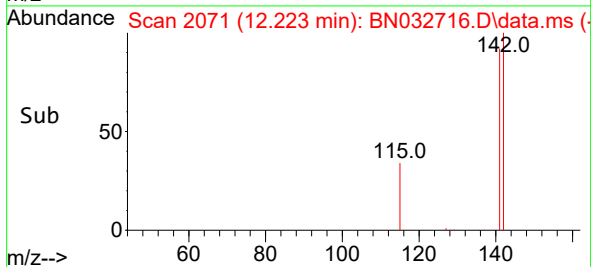
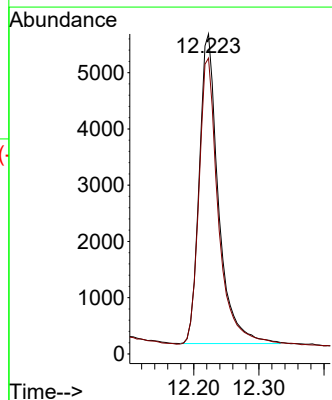
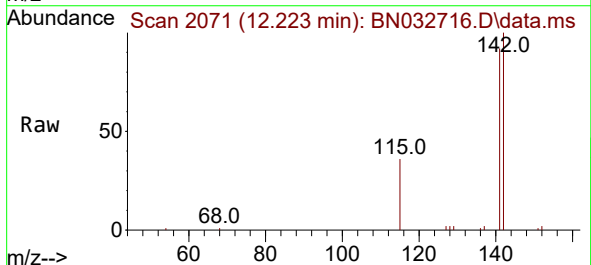
Instrument :
BNA_N
ClientSampleId :
DFTPP

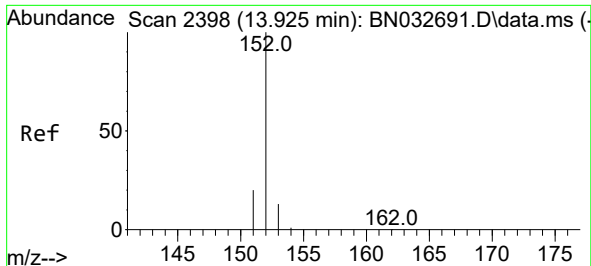
Tgt Ion:142 Resp: 10683
Ion Ratio Lower Upper
142 100
141 91.3 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. -0.023 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

Tgt Ion:142 Resp: 11290
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4

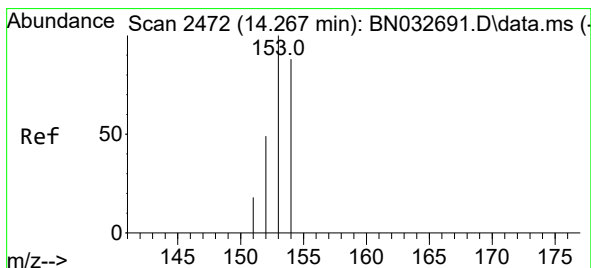
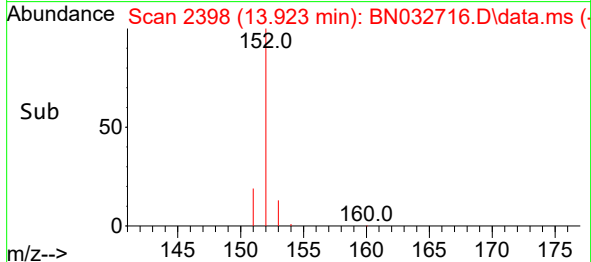
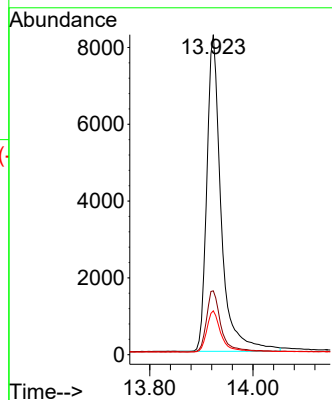
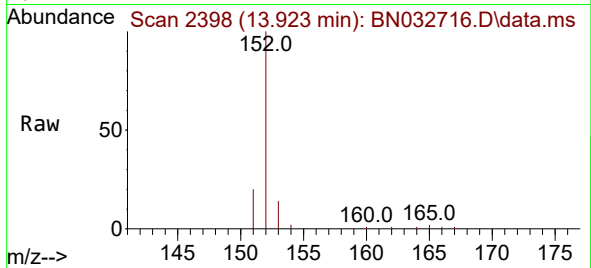




#10
Acenaphthylene
Concen: 0.460 ng/ul
RT: 13.923 min Scan# 2398
Delta R.T. -0.020 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

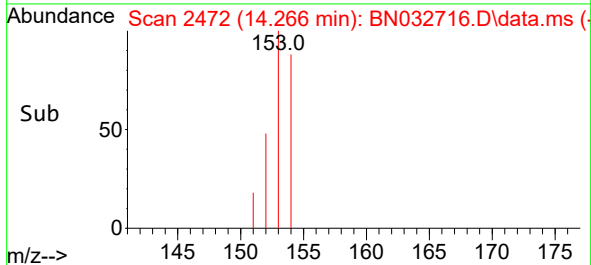
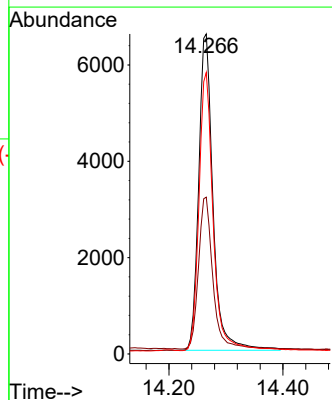
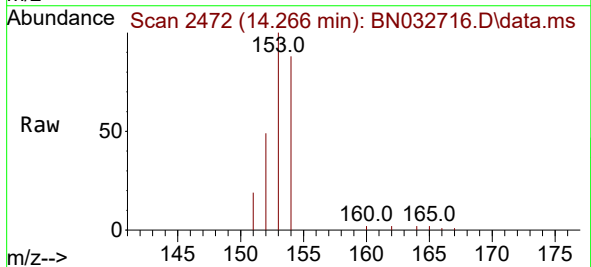
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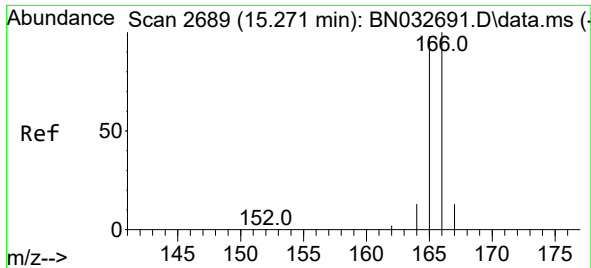
Tgt Ion:152 Resp: 15865
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.7 11.3 16.9



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.266 min Scan# 2472
Delta R.T. -0.015 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

Tgt Ion:153 Resp: 11448
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 88.0 70.2 105.4

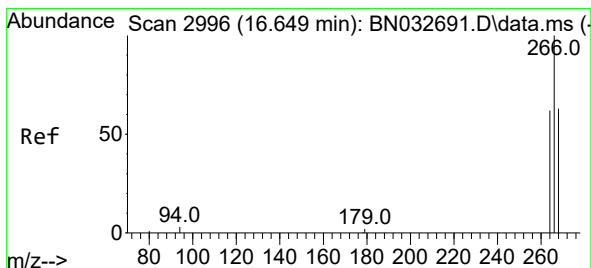
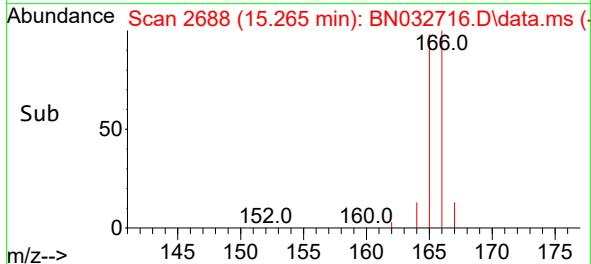
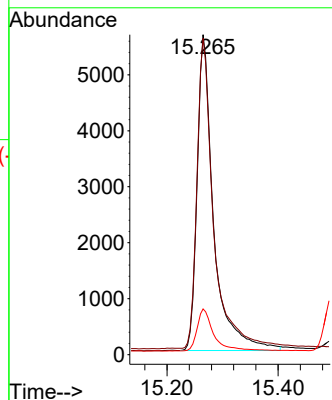
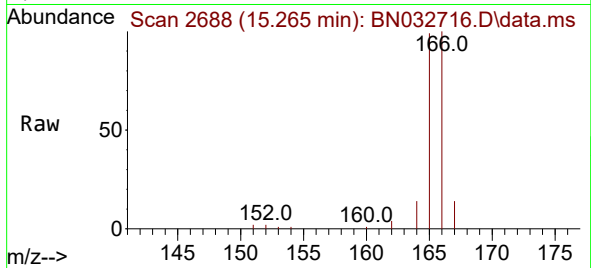




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.265 min Scan# 2095
Delta R.T. -0.025 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

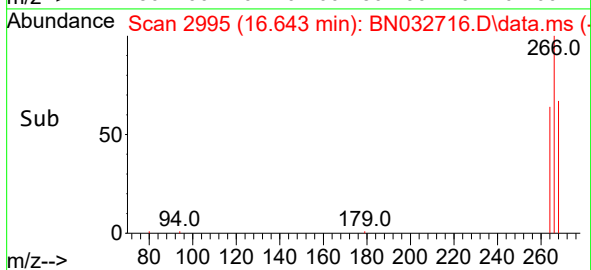
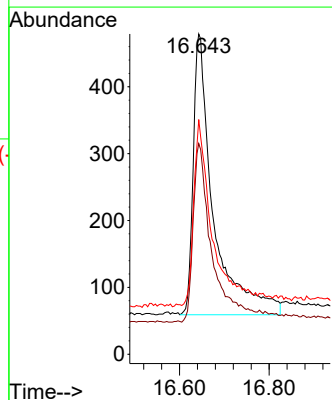
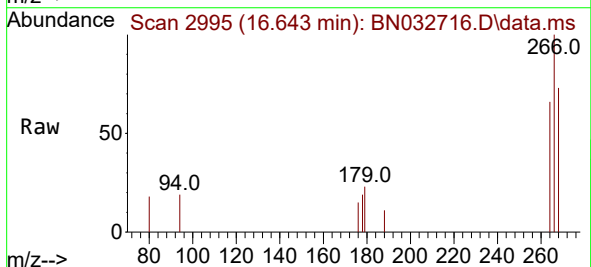
Instrument :
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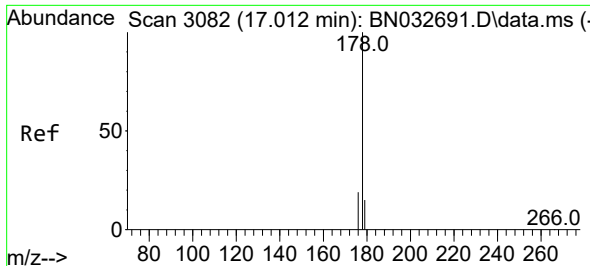
Tgt Ion:166 Resp: 11674
Ion Ratio Lower Upper
166 100
165 98.9 79.7 119.5
167 14.3 11.4 17.2



#14
Pentachlorophenol
Concen: 0.476 ng/ul
RT: 16.643 min Scan# 2995
Delta R.T. -0.027 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

Tgt Ion:266 Resp: 1312
Ion Ratio Lower Upper
266 100
264 62.2 49.4 74.2
268 63.2 51.6 77.4

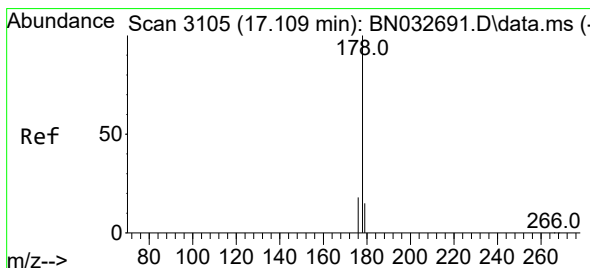
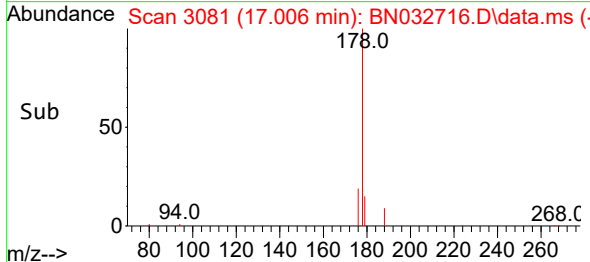
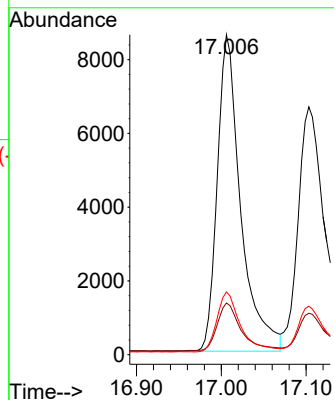
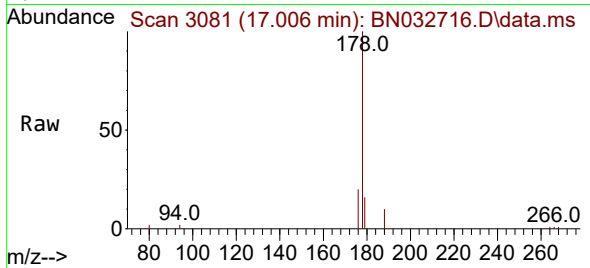




#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.006 min Scan# 3100
Delta R.T. -0.023 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

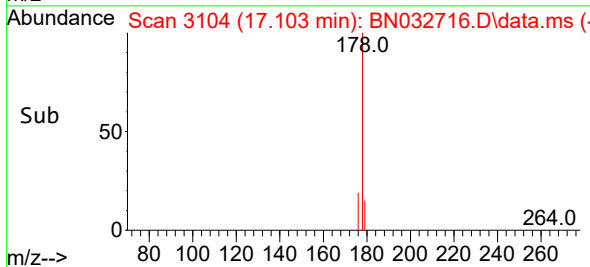
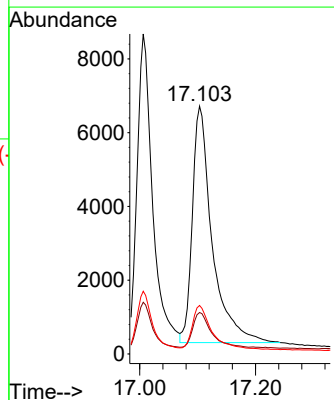
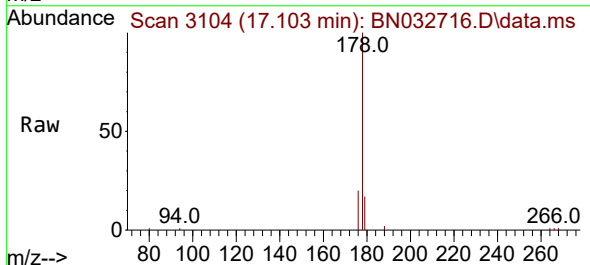
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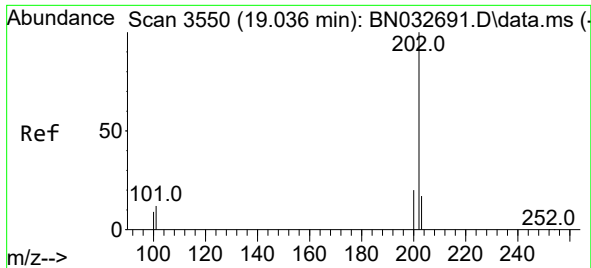
Tgt Ion:178 Resp: 16467
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.435 ng/ul
RT: 17.103 min Scan# 3104
Delta R.T. -0.035 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

Tgt Ion:178 Resp: 15205
Ion Ratio Lower Upper
178 100
179 16.7 13.4 20.2
176 19.5 15.4 23.0

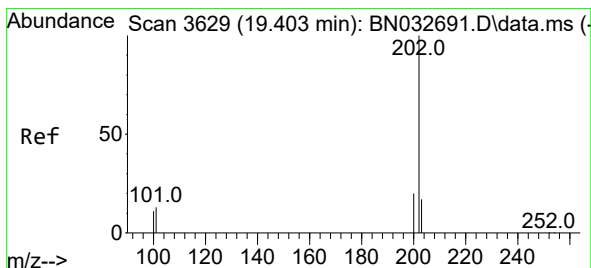
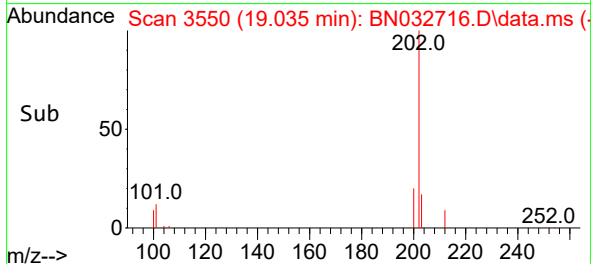
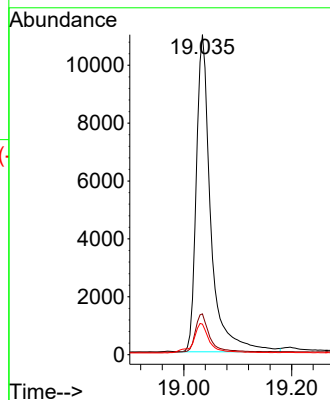
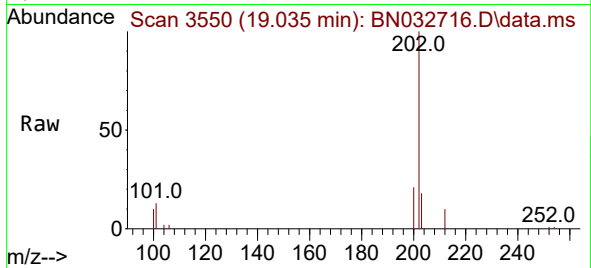




#19
Fluoranthene
Concen: 0.359 ng/ul
RT: 19.035 min Scan# 3550
Delta R.T. -0.020 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

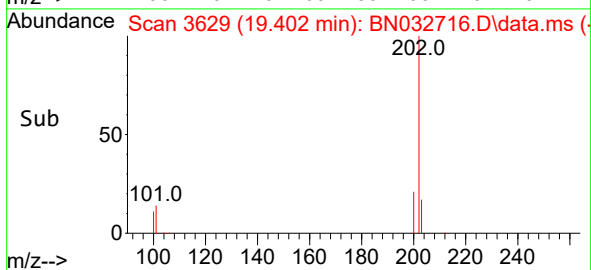
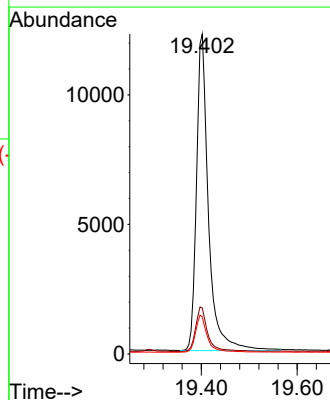
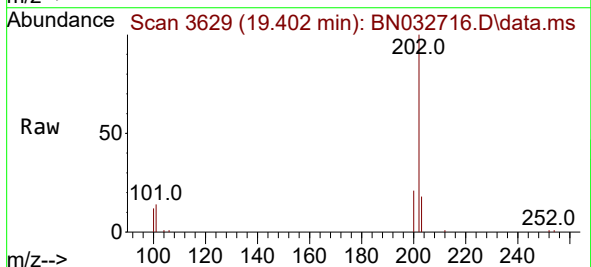
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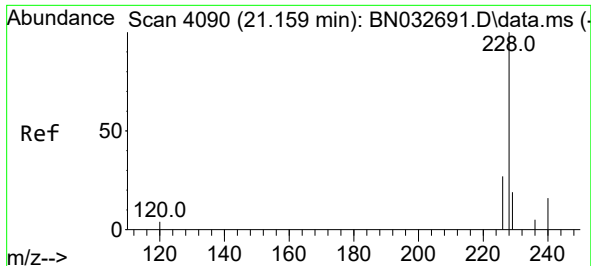
Tgt Ion:202 Resp: 20410
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.8
100 9.5 7.9 11.9



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.402 min Scan# 3629
Delta R.T. -0.020 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

Tgt Ion:202 Resp: 21331
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.6 9.6 14.4

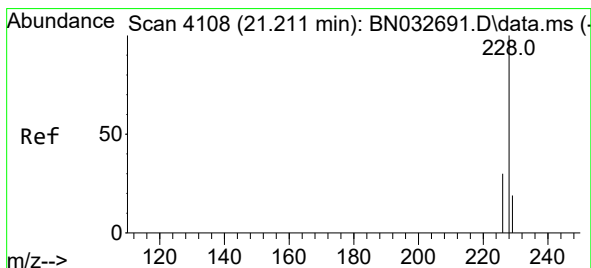
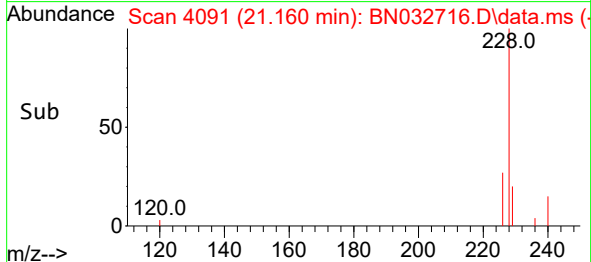
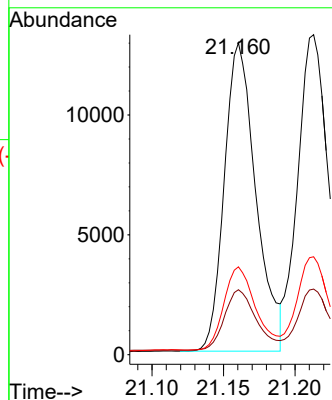
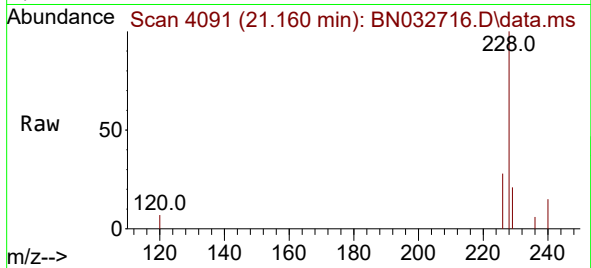




#21
Benzo(a)anthracene
Concen: 0.443 ng/ul
RT: 21.160 min Scan# 4090
Delta R.T. -0.022 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

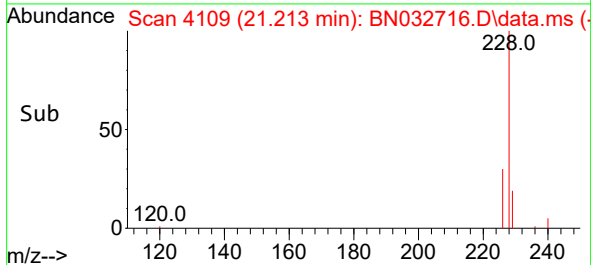
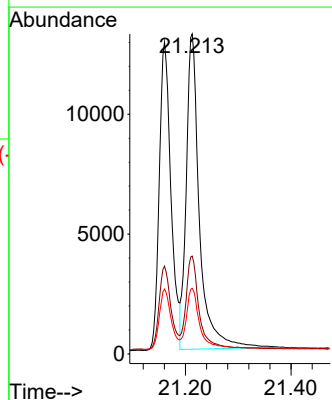
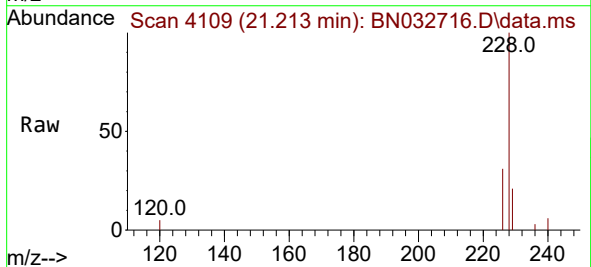
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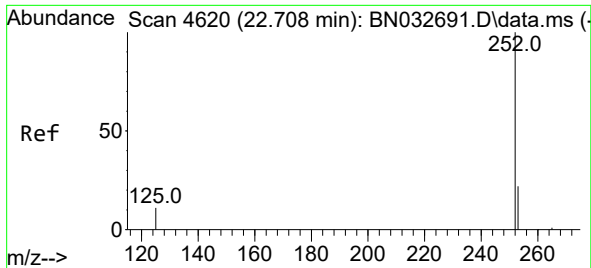
Tgt Ion:228 Resp: 19745
Ion Ratio Lower Upper
228 100
229 20.8 16.1 24.1
226 28.2 21.9 32.9



#22
Chrysene
Concen: 0.355 ng/ul
RT: 21.213 min Scan# 4109
Delta R.T. -0.019 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

Tgt Ion:228 Resp: 22864
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 20.5 15.8 23.6

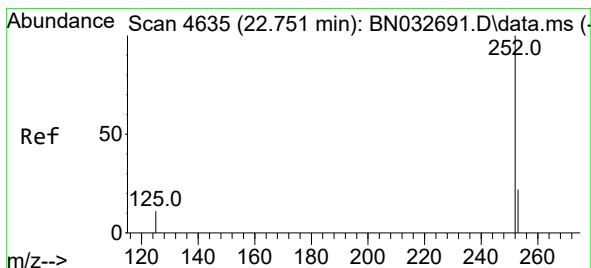
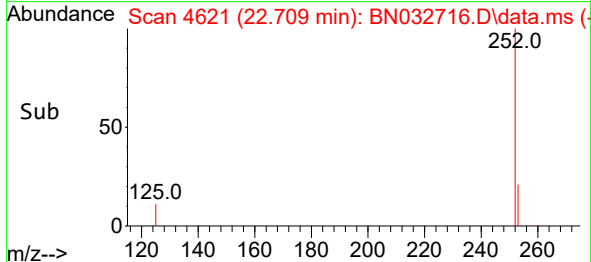
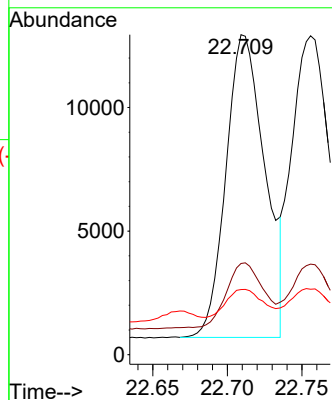
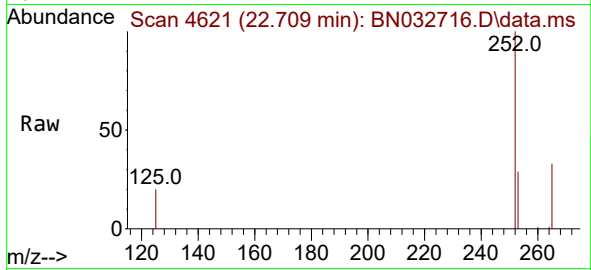




#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 22.709 min Scan# 4621
Delta R.T. -0.025 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

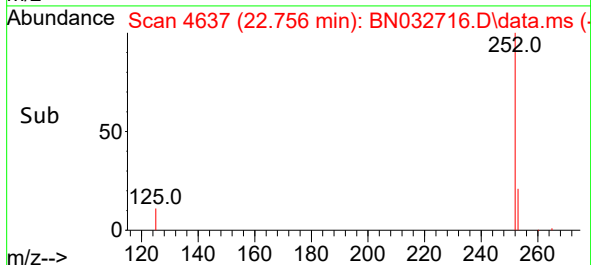
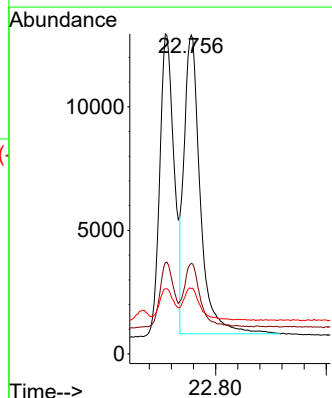
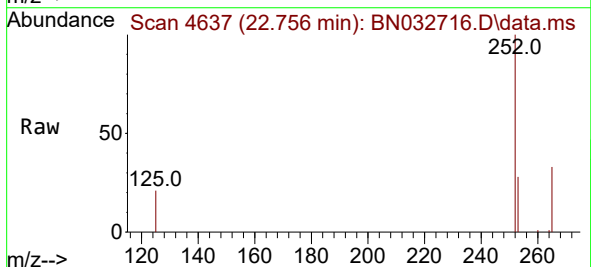
Instrument :
BNA_N
ClientSampleId :
DFTPP

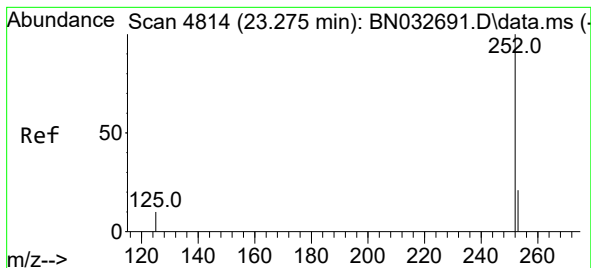
Tgt Ion:252 Resp: 22255
Ion Ratio Lower Upper
252 100
253 28.5 0.0 54.0
125 20.4 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.326 ng/ul
RT: 22.756 min Scan# 4637
Delta R.T. -0.022 min
Lab File: BN032716.D
Acq: 13 Jul 2024 18:45

Tgt Ion:252 Resp: 24529
Ion Ratio Lower Upper
252 100
253 28.4 21.2 31.8
125 20.5 14.8 22.2





#26

Benzo(a)pyrene

Concen: 0.421 ng/ul

RT: 23.276 min Scan# 4814

Delta R.T. -0.034 min

Lab File: BN032716.D

Acq: 13 Jul 2024 18:45

Instrument :

BNA_N

ClientSampleId :

DFTPP

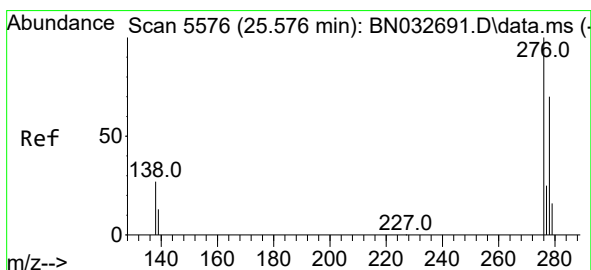
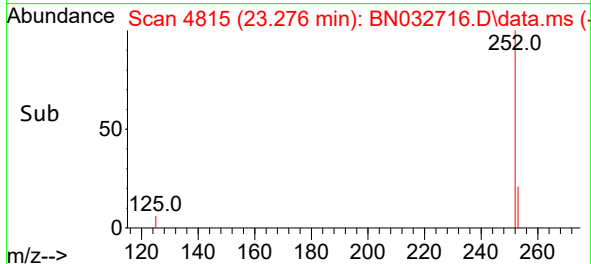
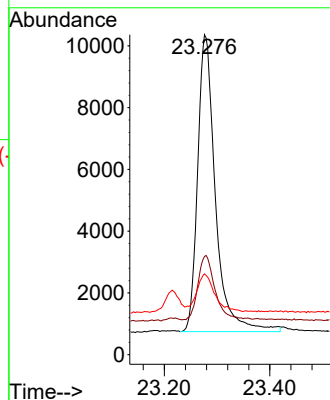
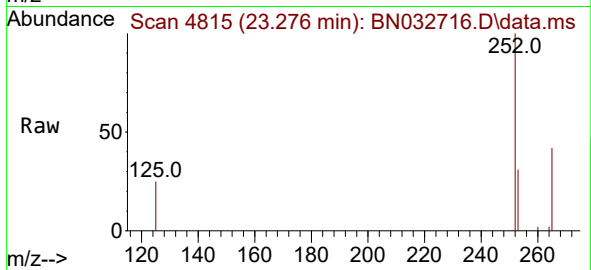
Tgt Ion:252 Resp: 22470

Ion Ratio Lower Upper

252 100

253 30.7 25.4 38.0

125 25.2 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.389 ng/ul

RT: 25.581 min Scan# 5578

Delta R.T. -0.045 min

Lab File: BN032716.D

Acq: 13 Jul 2024 18:45

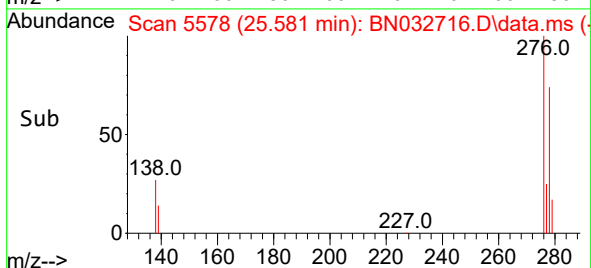
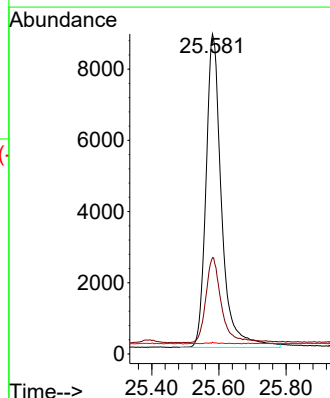
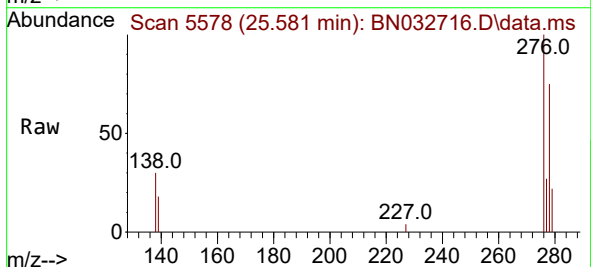
Tgt Ion:276 Resp: 28160

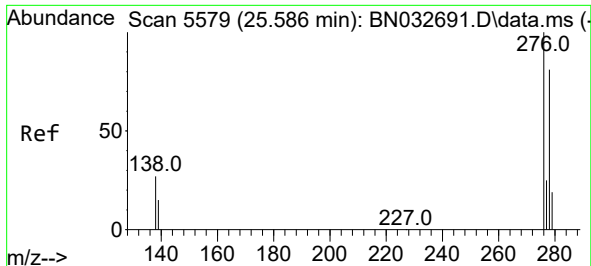
Ion Ratio Lower Upper

276 100

138 27.6 21.6 32.4

227 0.2 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.402 ng/ul

RT: 25.588 min Scan# 51

Delta R.T. -0.052 min

Lab File: BN032716.D

Acq: 13 Jul 2024 18:45

Instrument :

BNA_N

ClientSampleId :

DFTPP

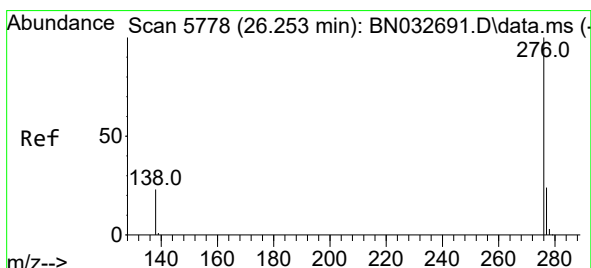
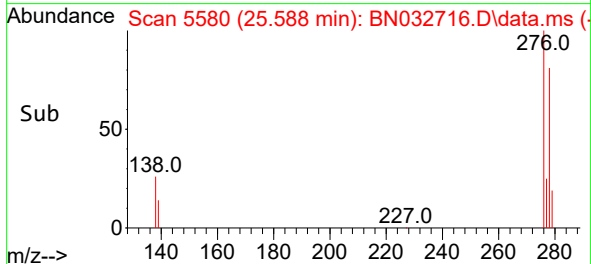
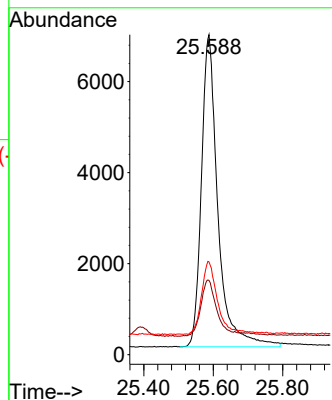
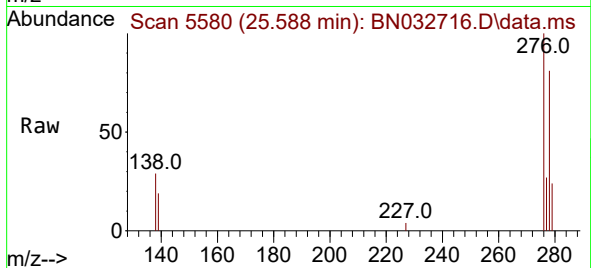
Tgt Ion:278 Resp: 22551

Ion Ratio Lower Upper

278 100

139 23.2 16.6 24.8

279 29.0 23.7 35.5



#29

Benzo(g,h,i)perylene

Concen: 0.384 ng/ul

RT: 26.262 min Scan# 5781

Delta R.T. -0.038 min

Lab File: BN032716.D

Acq: 13 Jul 2024 18:45

Tgt Ion:276 Resp: 23203

Ion Ratio Lower Upper

276 100

138 27.1 21.0 31.4

277 26.7 20.6 31.0

