

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032777.D
 Acq On : 17 Jul 2024 13:37
 Operator : MA/JU
 Sample : P3217-09MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YDZG4MSD

Quant Time: Jul 17 15:00:07 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

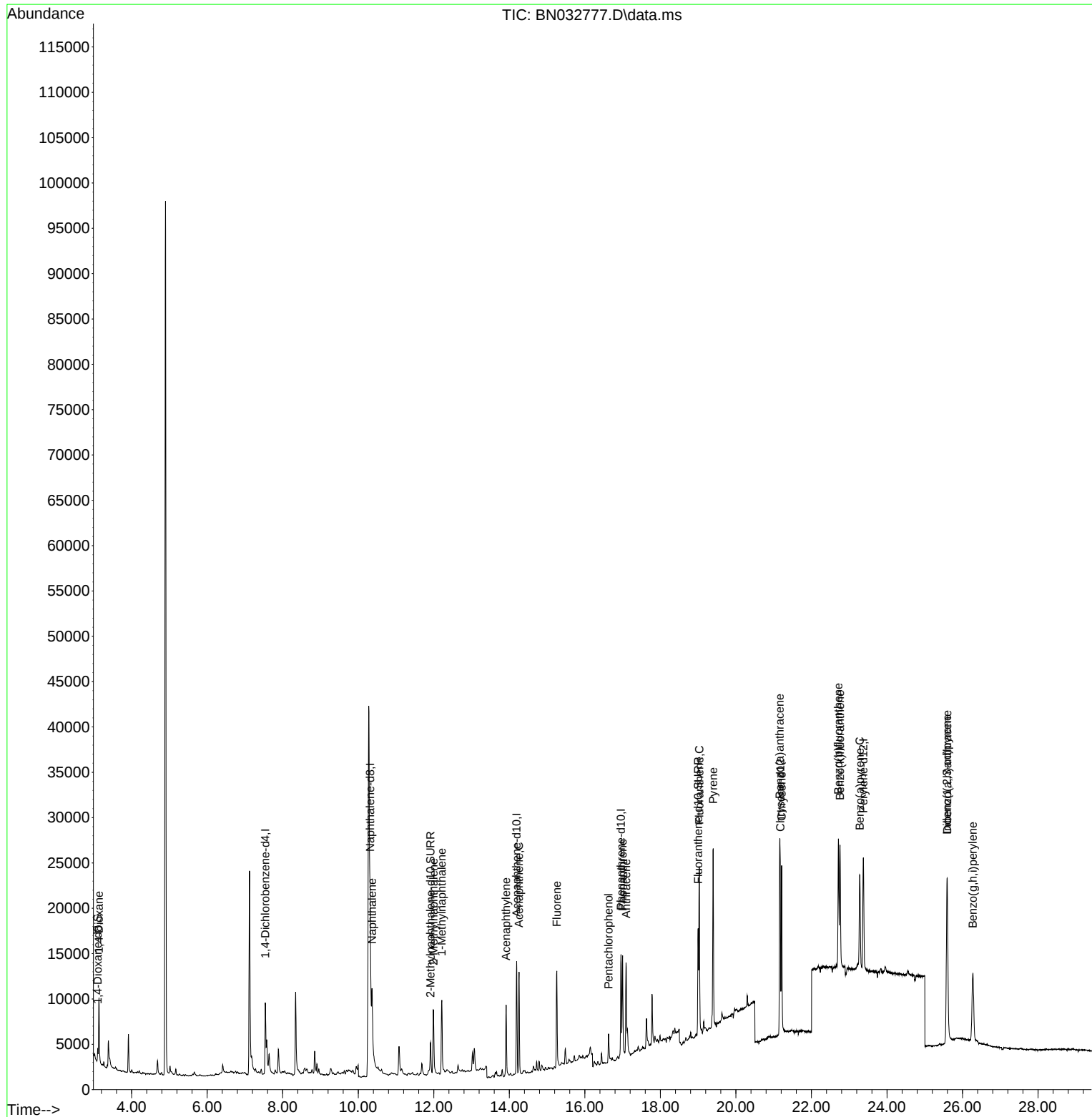
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	4346	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.316	136	12919	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.193	164	7289	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	14582	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.176	240	14211	0.400	ng/ul	# 0.00
23) Perylene-d12	23.374	264	16788	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	1141	0.219	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	5444	0.279	ng/ul	-0.02
18) Fluoranthene-d10	18.999	212	13568	0.293	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	5393	0.907	ng/ul#	81
5) Naphthalene	10.365	128	18614	0.537	ng/ul#	91
7) 2-Methylnaphthalene	11.993	142	6097	0.282	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	6272	0.280	ng/ul	100
10) Acenaphthylene	13.915	152	9739	0.331	ng/ul	96
11) Acenaphthene	14.258	153	6959	0.286	ng/ul	99
12) Fluorene	15.257	166	7894	0.284	ng/ul#	98
14) Pentachlorophenol	16.627	266	2889	1.129	ng/ul	99
15) Phenanthrene	16.999	178	12621	0.318	ng/ul#	91
16) Anthracene	17.092	178	13335	0.411	ng/ul#	90
19) Fluoranthene	19.031	202	17151	0.297	ng/ul#	93
20) Pyrene	19.398	202	17285	0.289	ng/ul	96
21) Benzo(a)anthracene	21.159	228	16521	0.365	ng/ul#	89
22) Chrysene	21.211	228	17475	0.267	ng/ul#	88
24) Benzo(b)fluoranthene	22.713	252	17757	0.300	ng/ul#	70
25) Benzo(k)fluoranthene	22.757	252	17355	0.240	ng/ul#	68
26) Benzo(a)pyrene	23.281	252	15952	0.311	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.589	276	21028	0.303	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.596	278	16553	0.308	ng/ul#	74
29) Benzo(g,h,i)perylene	26.277	276	16391	0.283	ng/ul#	82

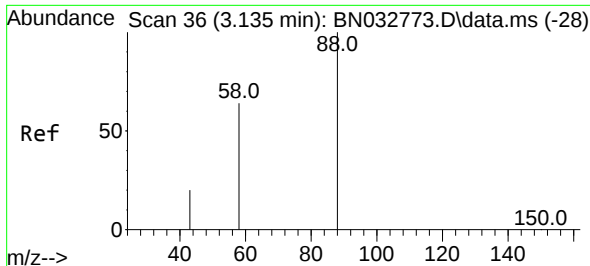
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
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Instrument :
BNA_N
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YDZG4MSD

Quant Time: Jul 17 15:00:07 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

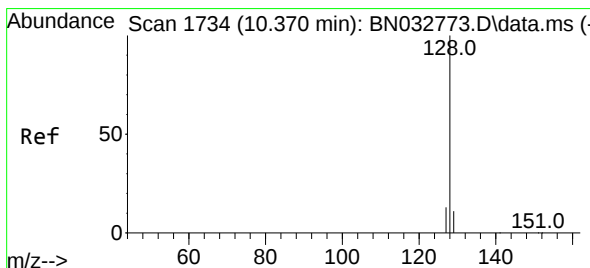
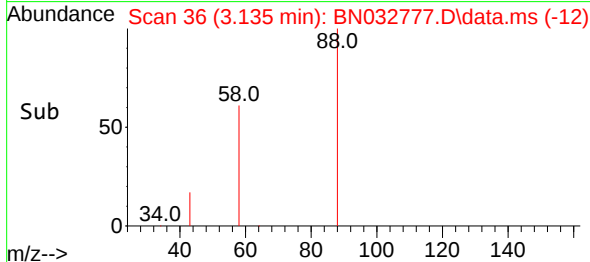
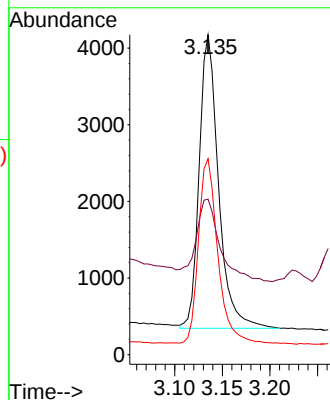
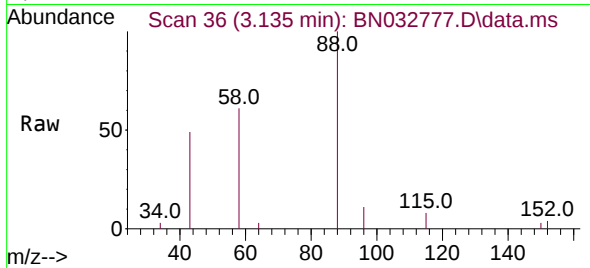




#2
 1,4-Dioxane
 Concen: 0.907 ng/ul
 RT: 3.135 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BN032777.D
 Acq: 17 Jul 2024 13:37

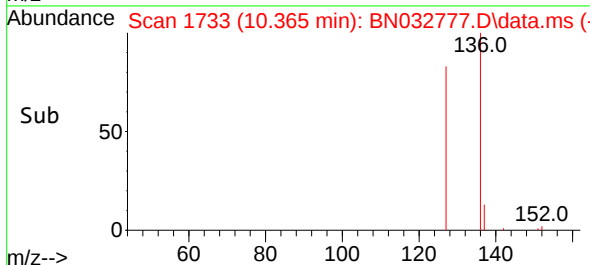
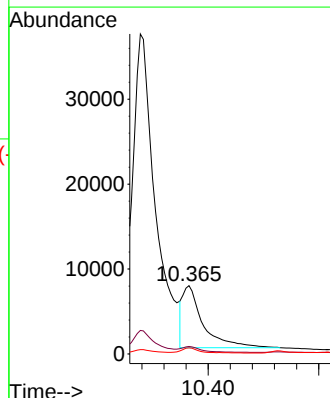
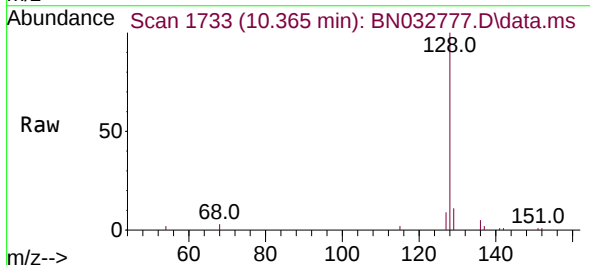
Instrument :
 BNA_N
 ClientSampleId :
 YDZG4MSD

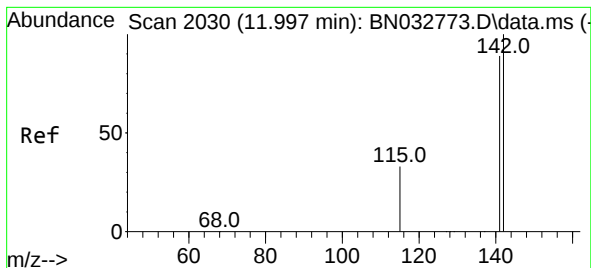
Tgt Ion: 88 Resp: 5393
 Ion Ratio Lower Upper
 88 100
 43 48.6 24.0 36.0#
 58 61.3 43.3 64.9



#5
 Naphthalene
 Concen: 0.537 ng/ul
 RT: 10.365 min Scan# 1733
 Delta R.T. -0.006 min
 Lab File: BN032777.D
 Acq: 17 Jul 2024 13:37

Tgt Ion: 128 Resp: 18614
 Ion Ratio Lower Upper
 128 100
 129 11.0 10.0 15.0
 127 9.0 11.6 17.4#

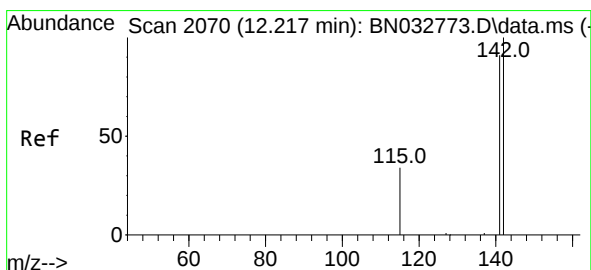
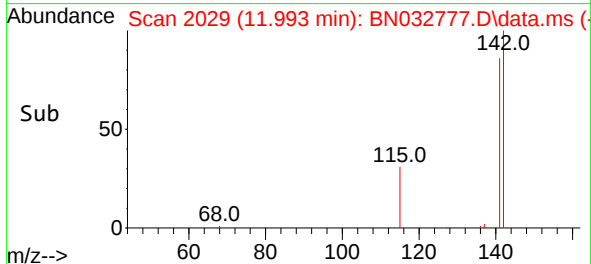
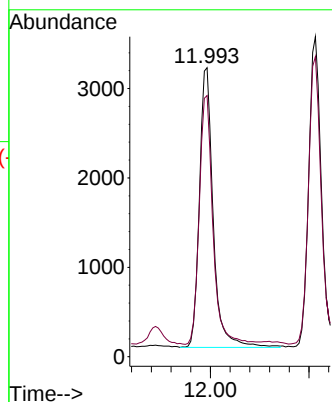
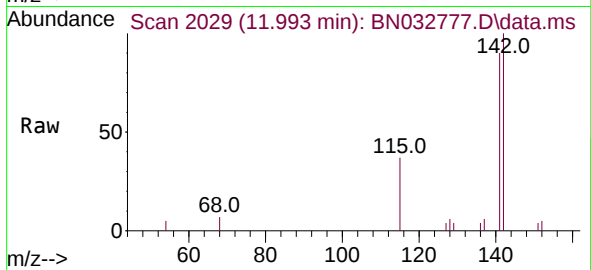




#7
2-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 11.993 min Scan# 2030
Delta R.T. -0.011 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

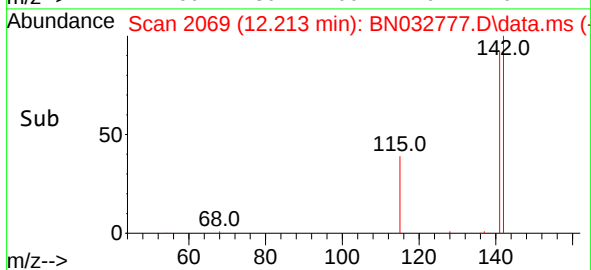
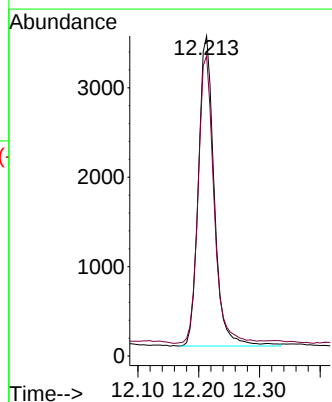
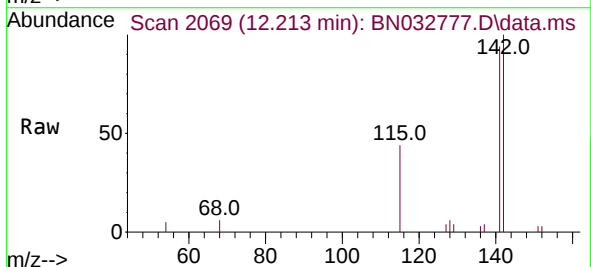
Instrument :
BNA_N
ClientSampleId :
YDZG4MSD

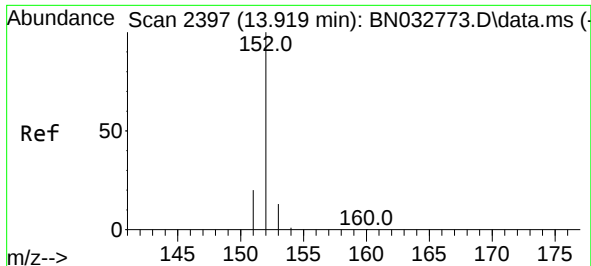
Tgt Ion:142 Resp: 6097
Ion Ratio Lower Upper
142 100
141 89.8 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

Tgt Ion:142 Resp: 6272
Ion Ratio Lower Upper
142 100
141 94.1 75.0 112.4

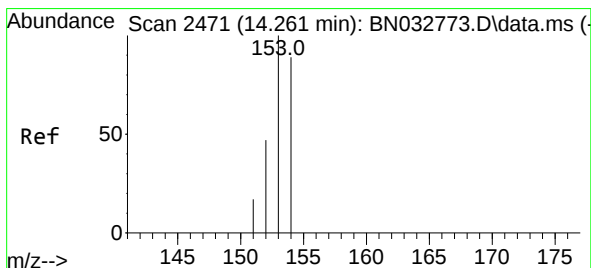
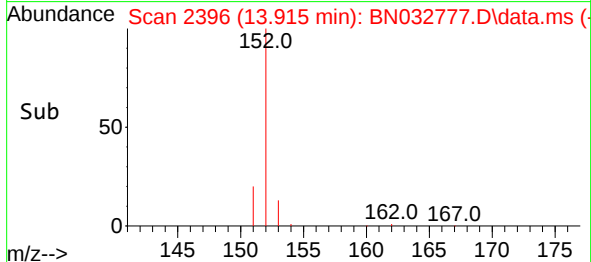
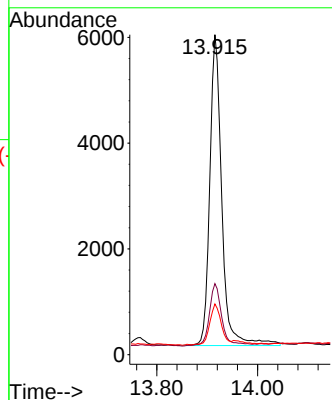
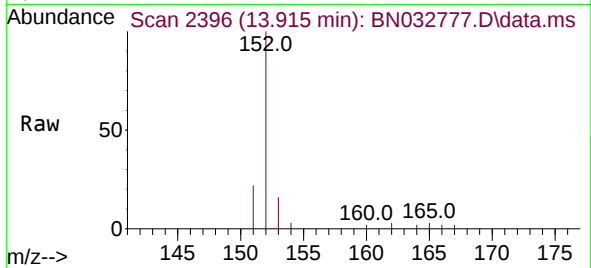




#10
Acenaphthylene
Concen: 0.331 ng/u1
RT: 13.915 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

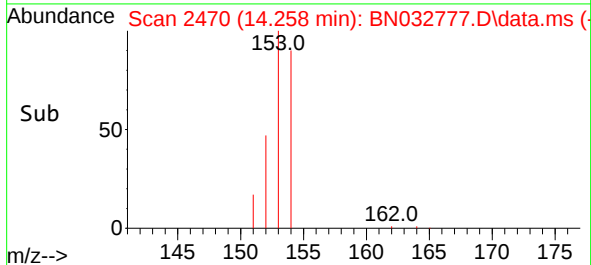
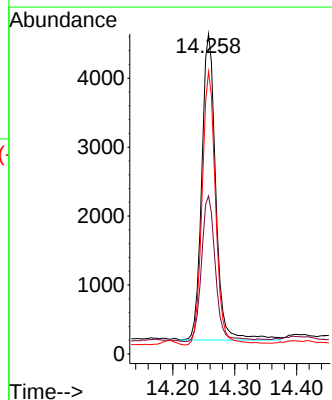
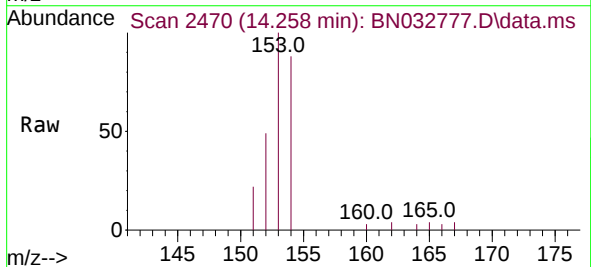
Instrument :
BNA_N
ClientSampleId :
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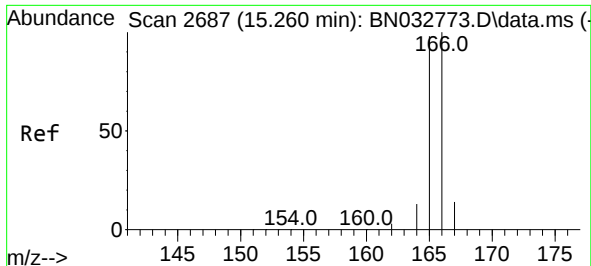
Tgt Ion:152 Resp: 9739
Ion Ratio Lower Upper
152 100
151 22.2 16.3 24.5
153 15.8 11.3 16.9



#11
Acenaphthene
Concen: 0.286 ng/u1
RT: 14.258 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

Tgt Ion:153 Resp: 6959
Ion Ratio Lower Upper
153 100
152 49.4 40.0 60.0
154 88.2 70.2 105.4

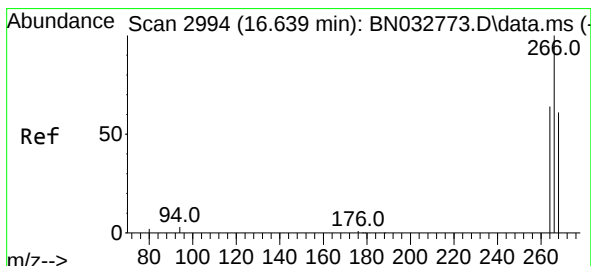
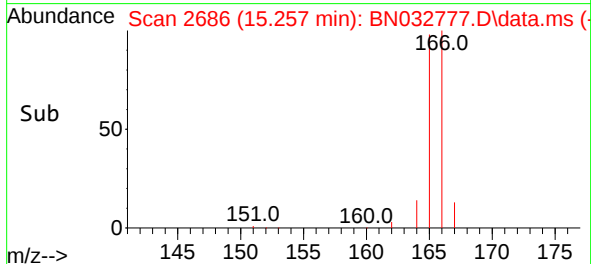
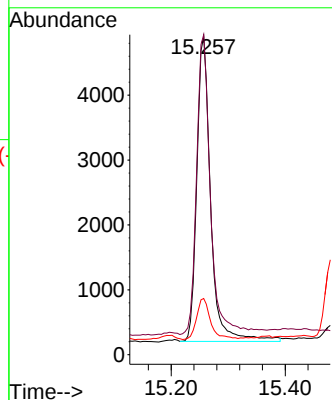
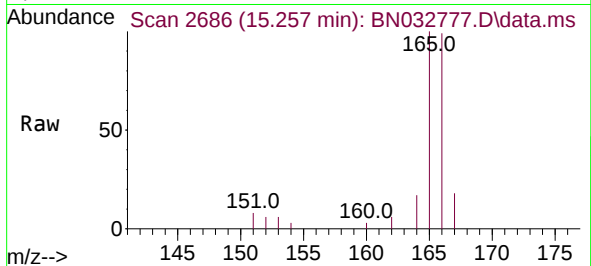




#12
 Fluorene
 Concen: 0.284 ng/ul
 RT: 15.257 min Scan# 2091
 Delta R.T. -0.009 min
 Lab File: BN032777.D
 Acq: 17 Jul 2024 13:37

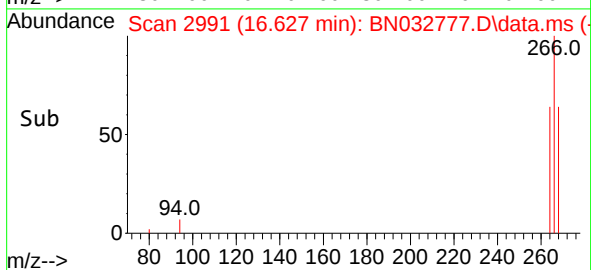
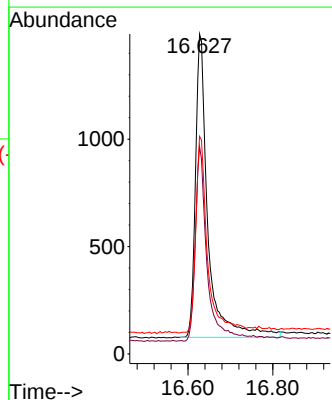
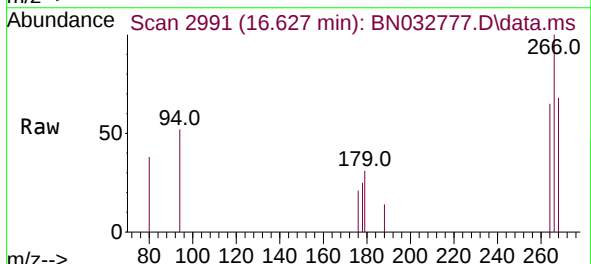
Instrument :
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 ClientSampleId :
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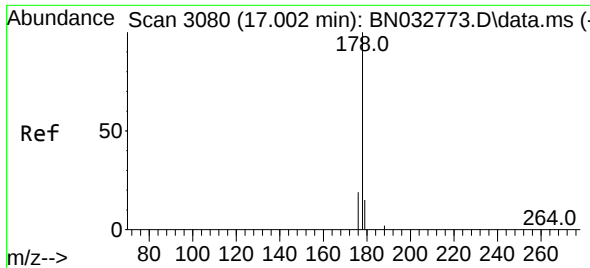
Tgt Ion:166 Resp: 7894
 Ion Ratio Lower Upper
 166 100
 165 100.6 79.7 119.5
 167 17.6 11.4 17.2#



#14
 Pentachlorophenol
 Concen: 1.129 ng/ul
 RT: 16.627 min Scan# 2991
 Delta R.T. -0.021 min
 Lab File: BN032777.D
 Acq: 17 Jul 2024 13:37

Tgt Ion:266 Resp: 2889
 Ion Ratio Lower Upper
 266 100
 264 63.3 49.4 74.2
 268 65.0 51.6 77.4

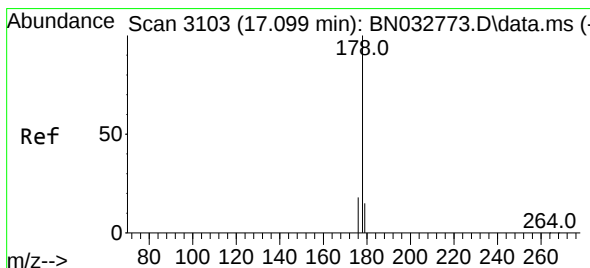
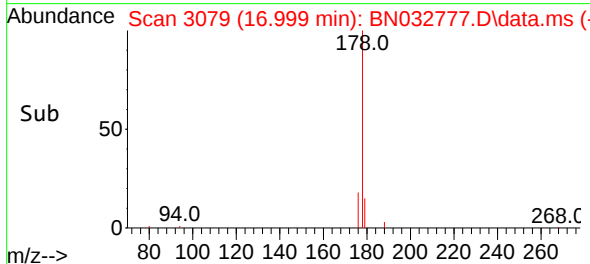
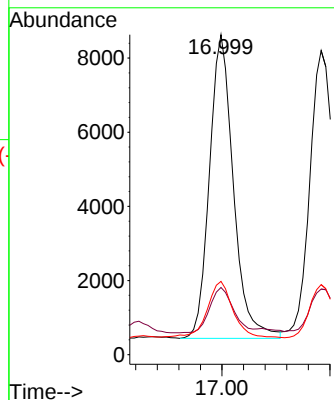
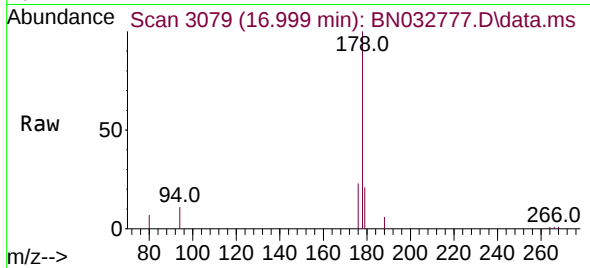




#15
Phenanthrene
Concen: 0.318 ng/ul
RT: 16.999 min Scan# 3080
Delta R.T. -0.009 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

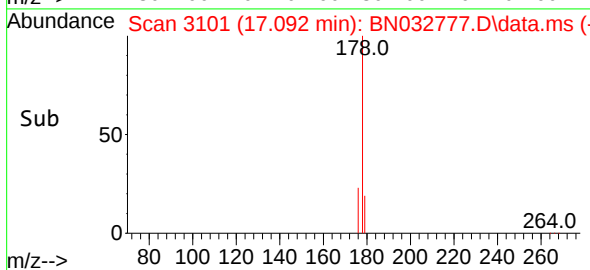
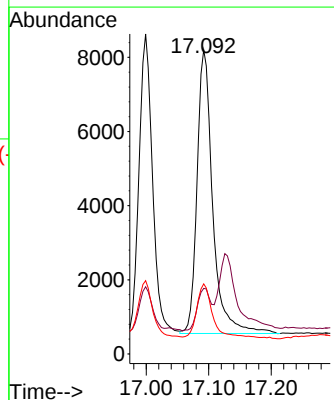
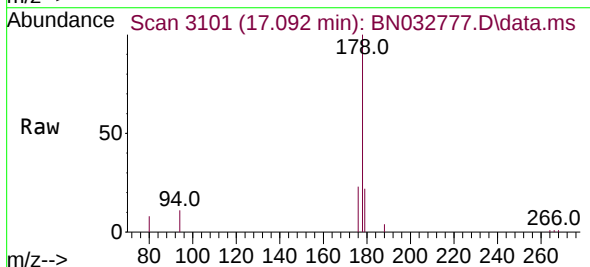
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ClientSampleId :
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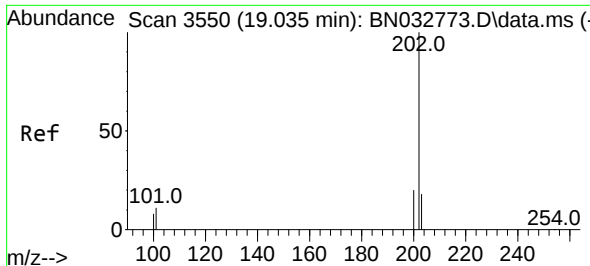
Tgt Ion:178 Resp: 12621
Ion Ratio Lower Upper
178 100
179 21.0 13.0 19.4#
176 22.9 15.6 23.4



#16
Anthracene
Concen: 0.411 ng/ul
RT: 17.092 min Scan# 3101
Delta R.T. -0.013 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

Tgt Ion:178 Resp: 13335
Ion Ratio Lower Upper
178 100
179 21.6 13.4 20.2#
176 23.1 15.4 23.0#

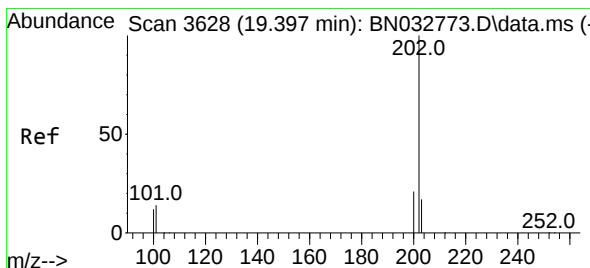
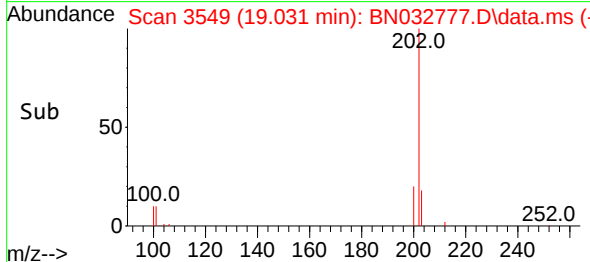
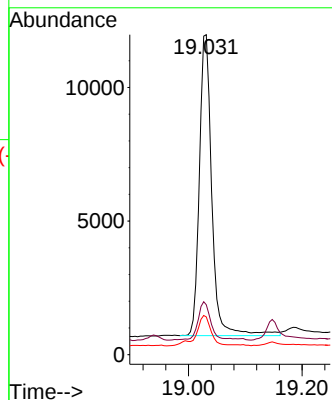
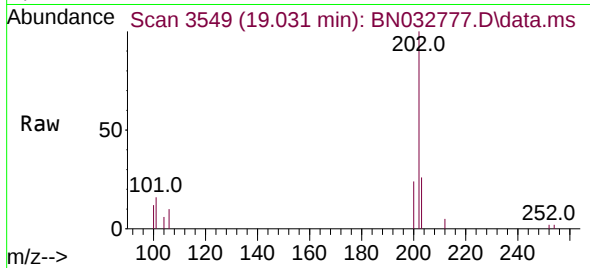




#19
Fluoranthene
Concen: 0.297 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.000 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

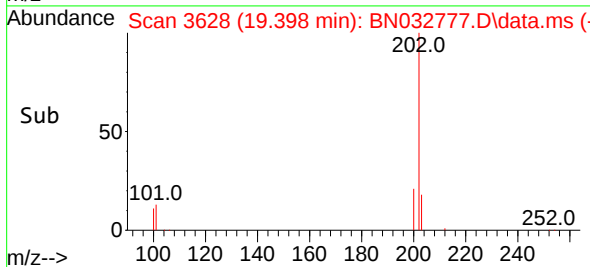
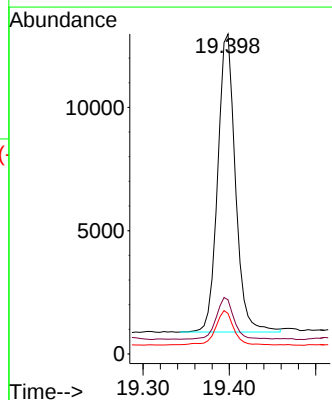
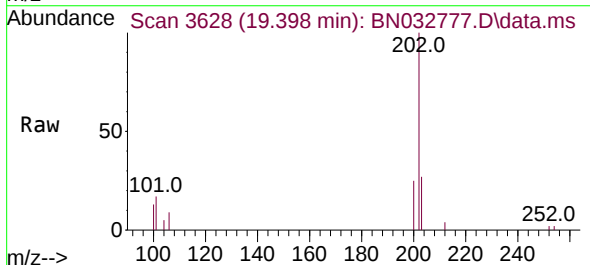
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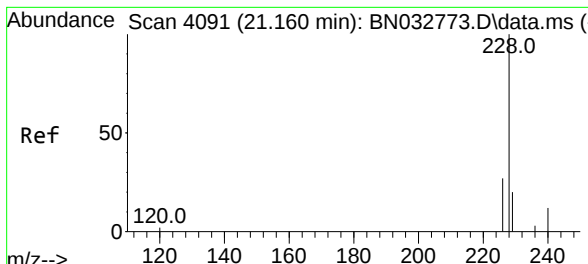
Tgt Ion:202 Resp: 17151
Ion Ratio Lower Upper
202 100
101 15.6 9.8 14.8#
100 11.8 7.9 11.9



#20
Pyrene
Concen: 0.289 ng/ul
RT: 19.398 min Scan# 3628
Delta R.T. -0.000 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

Tgt Ion:202 Resp: 17285
Ion Ratio Lower Upper
202 100
101 16.9 11.8 17.6
100 12.6 9.6 14.4

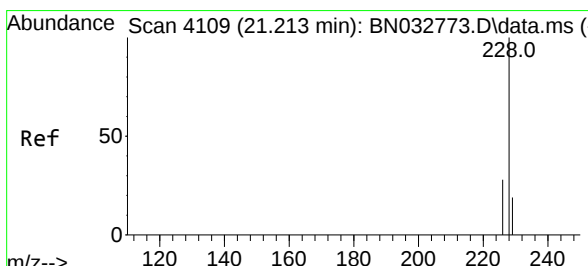
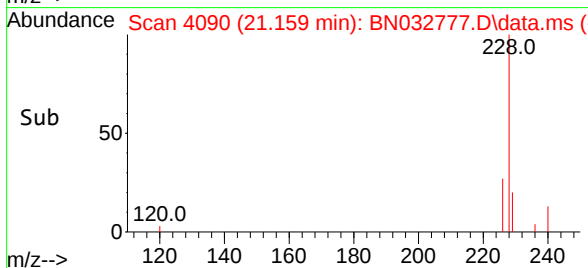
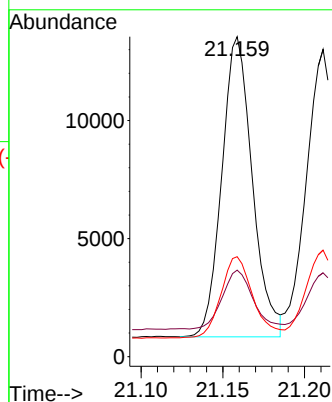
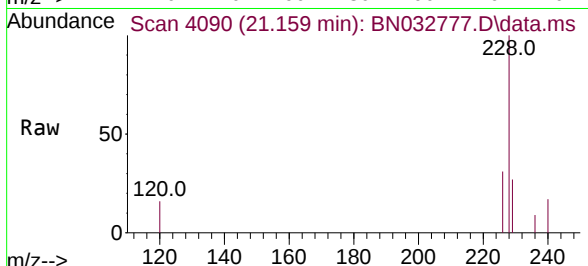




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.159 min Scan# 4090
Delta R.T. -0.000 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

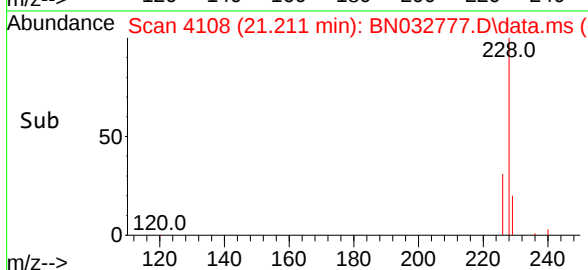
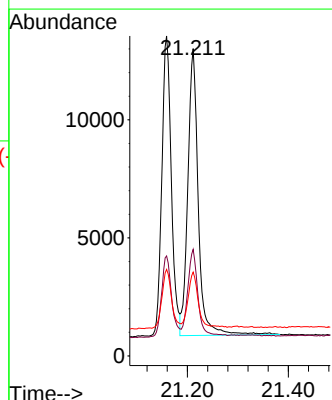
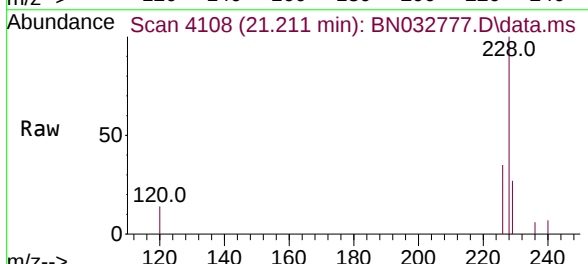
Instrument :
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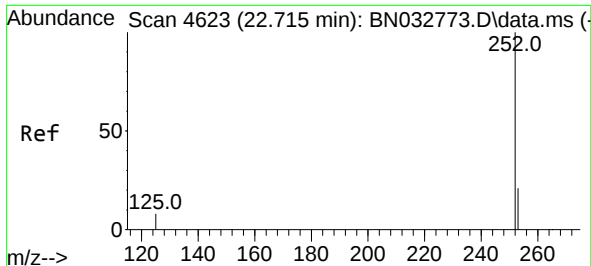
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Ion Ratio Lower Upper
228 100
229 27.1 16.1 24.1#
226 31.3 21.9 32.9



#22
Chrysene
Concen: 0.267 ng/ul
RT: 21.211 min Scan# 4108
Delta R.T. -0.000 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

Tgt Ion:228 Resp: 17475
Ion Ratio Lower Upper
228 100
226 34.7 24.0 36.0
229 27.3 15.8 23.6#

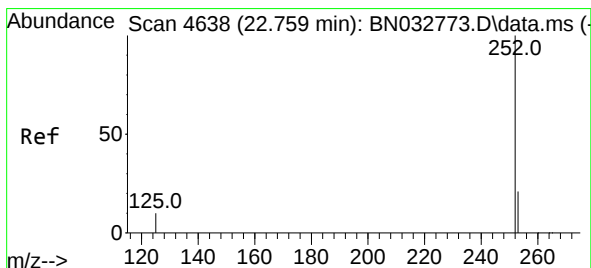
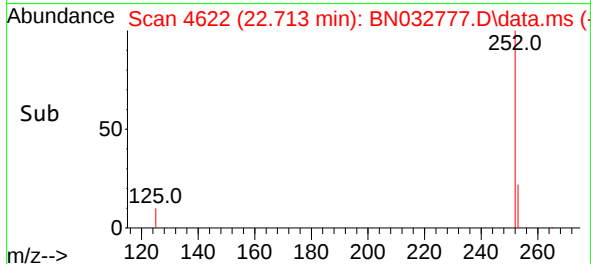
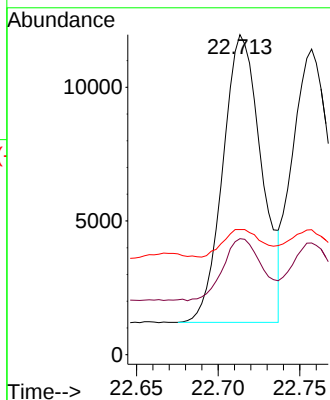
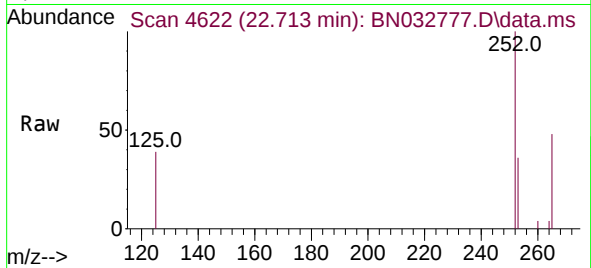




#24
Benzo(b)fluoranthene
Concen: 0.300 ng/ul
RT: 22.713 min Scan# 4622
Delta R.T. 0.003 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

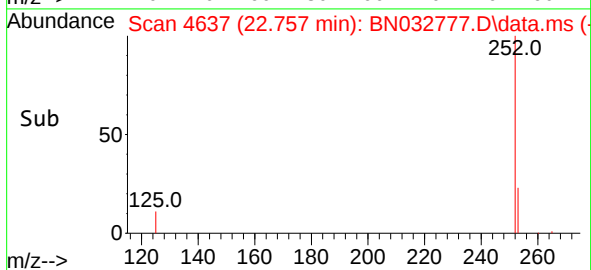
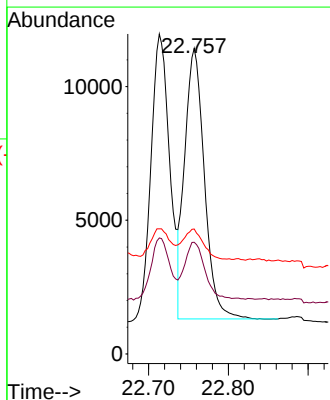
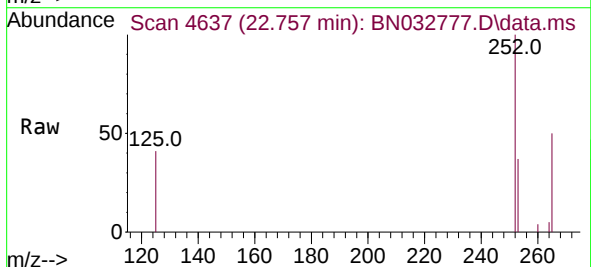
Instrument :
BNA_N
ClientSampleId :
YDZG4MSD

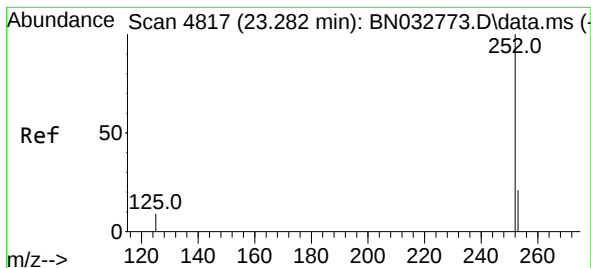
Tgt Ion:252 Resp: 17757
Ion Ratio Lower Upper
252 100
253 36.3 0.0 54.0
125 39.1 0.0 36.0#



#25
Benzo(k)fluoranthene
Concen: 0.240 ng/ul
RT: 22.757 min Scan# 4637
Delta R.T. 0.003 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

Tgt Ion:252 Resp: 17355
Ion Ratio Lower Upper
252 100
253 36.6 21.2 31.8#
125 40.9 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.311 ng/ul

RT: 23.281 min Scan# 4817

Delta R.T. 0.003 min

Lab File: BN032777.D

Acq: 17 Jul 2024 13:37

Instrument :

BNA_N

ClientSampleId :

YDZG4MSD

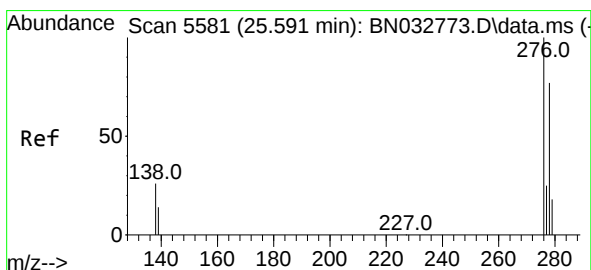
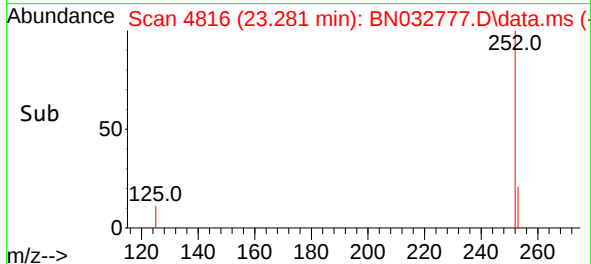
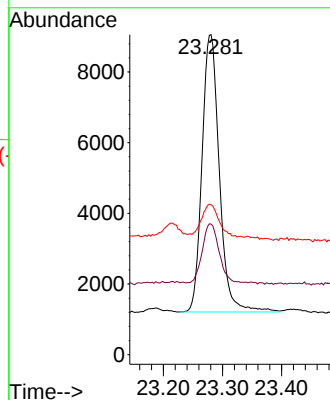
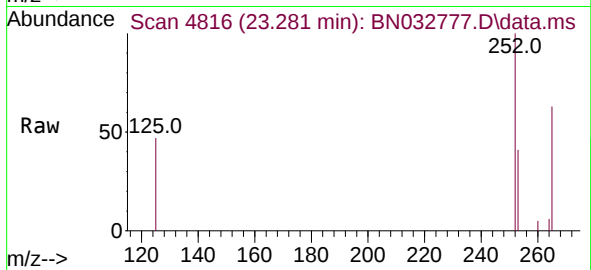
Tgt Ion:252 Resp: 15952

Ion Ratio Lower Upper

252 100

253 40.8 25.4 38.0#

125 46.8 20.6 30.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.303 ng/ul

RT: 25.589 min Scan# 5580

Delta R.T. 0.006 min

Lab File: BN032777.D

Acq: 17 Jul 2024 13:37

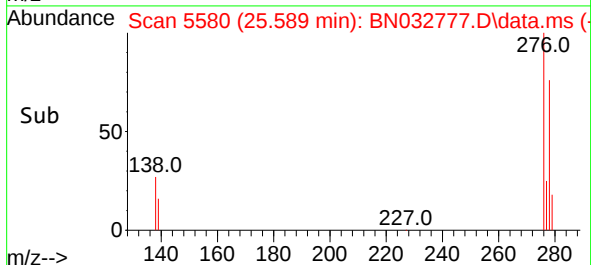
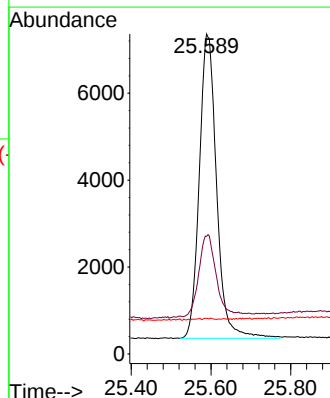
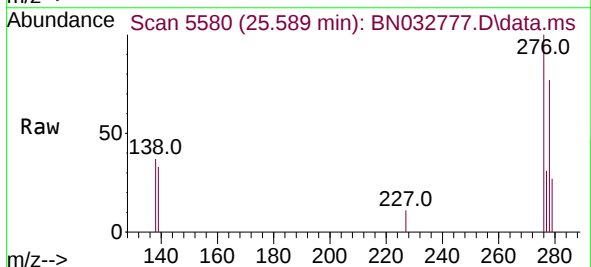
Tgt Ion:276 Resp: 21028

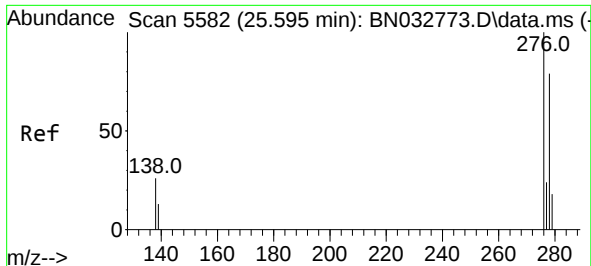
Ion Ratio Lower Upper

276 100

138 29.0 21.6 32.4

227 0.2 0.0 0.0#

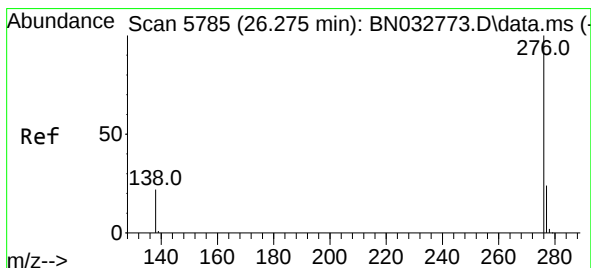
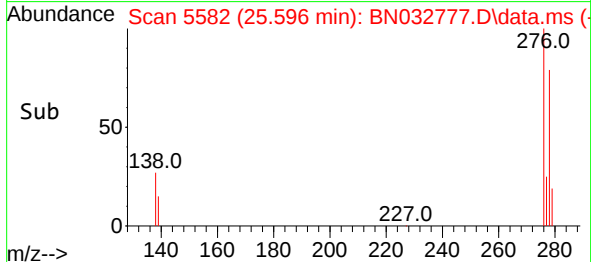
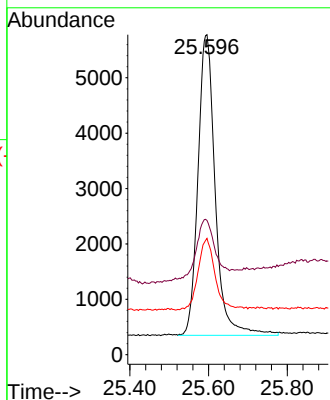
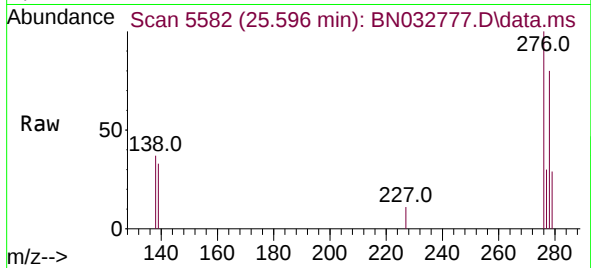




#28
Dibenzo(a,h)anthracene
Concen: 0.308 ng/ul
RT: 25.596 min Scan# 51
Delta R.T. 0.006 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

Instrument :
BNA_N
ClientSampleId :
YDZG4MSD

Tgt Ion:278 Resp: 16553
Ion Ratio Lower Upper
278 100
139 42.0 16.6 24.8#
279 36.4 23.7 35.5#



#29
Benzo(g,h,i)perylene
Concen: 0.283 ng/ul
RT: 26.277 min Scan# 5785
Delta R.T. 0.017 min
Lab File: BN032777.D
Acq: 17 Jul 2024 13:37

Tgt Ion:276 Resp: 16391
Ion Ratio Lower Upper
276 100
138 38.6 21.0 31.4#
277 31.5 20.6 31.0#

