

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026321.D
 Acq On : 06 Jul 2023 09:27
 Operator : MA/JU
 Sample : 03248-19DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK2DL

Quant Time: Jul 06 09:58:08 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

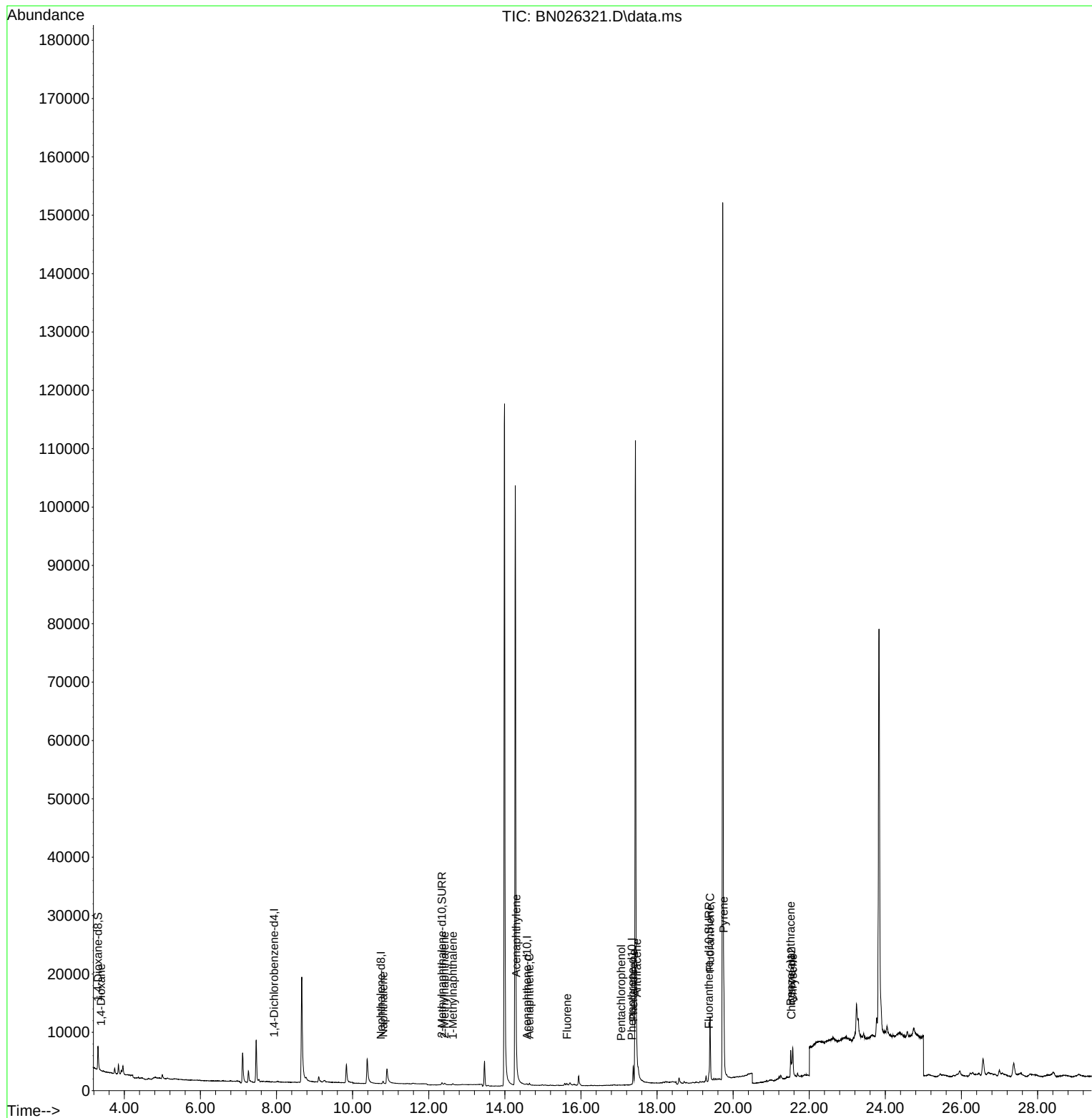
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	6	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.747	136	23	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.584	164	85	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.338	188	154	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.528	240	161	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	2985	441.764	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.347	152	757	21.398	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	1760	2.872	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	22	3.066	ng/ul#	35
5) Naphthalene	10.802	128	671	10.179	ng/ul#	57
7) 2-Methylnaphthalene	12.419	142	294	7.004	ng/ul	93
8) 1-Methylnaphthalene	12.633	142	214	4.920	ng/ul	98
10) Acenaphthylene	14.301	152	813	2.043	ng/ul#	60
11) Acenaphthene	14.644	153	203	0.623	ng/ul#	79
12) Fluorene	15.634	166	249	0.667	ng/ul#	66
14) Pentachlorophenol	17.059	266	7	0.127	ng/ul	90
15) Phenanthrene	17.376	178	3912	7.691	ng/ul#	89
16) Anthracene	17.469	178	661	1.462	ng/ul#	52
19) Fluoranthene	19.395	202	10864	12.634	ng/ul	97
20) Pyrene	19.753	202	9963	11.139	ng/ul	95
21) Benzo(a)anthracene	21.513	228	5869	8.837	ng/ul#	82
22) Chrysene	21.566	228	5291	7.656	ng/ul#	84

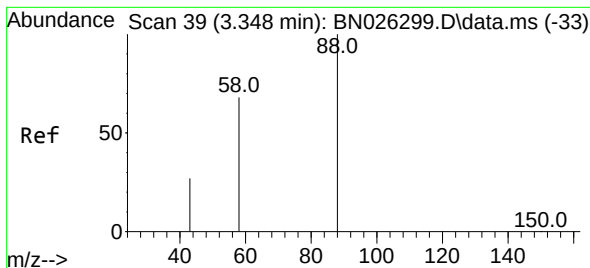
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
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#2

1,4-Dioxane

Concen: 3.066 ng/ul

RT: 3.390 min Scan# 49

Delta R.T. 0.038 min

Lab File: BN026321.D

Acq: 06 Jul 2023 09:27

Instrument :

BNA_N

ClientSampleId :

DCGK2DL

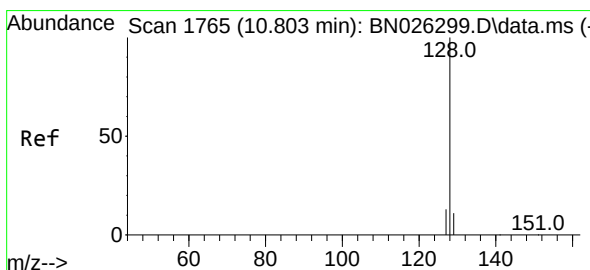
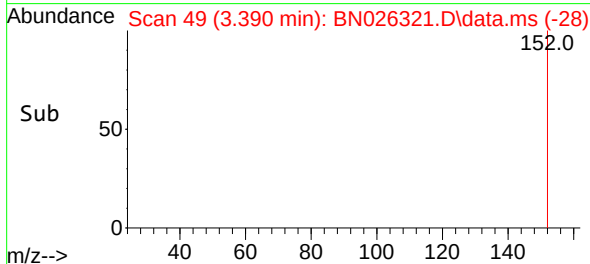
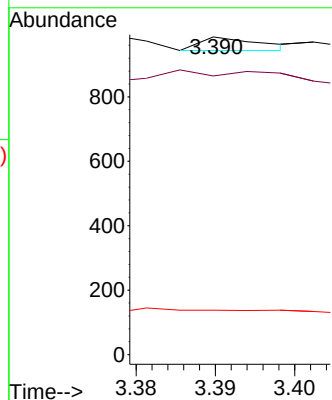
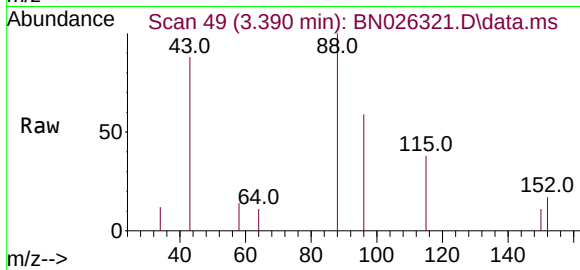
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 87.7 29.5 44.3#

58 14.0 37.4 56.2#



#5

Naphthalene

Concen: 10.179 ng/ul

RT: 10.802 min Scan# 1765

Delta R.T. -0.007 min

Lab File: BN026321.D

Acq: 06 Jul 2023 09:27

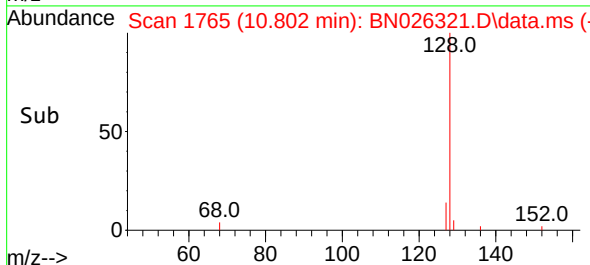
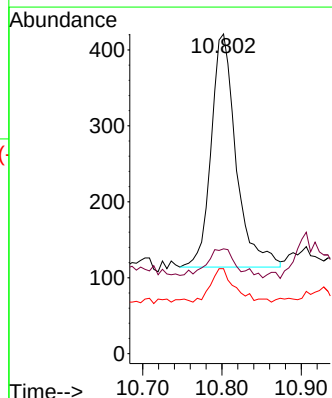
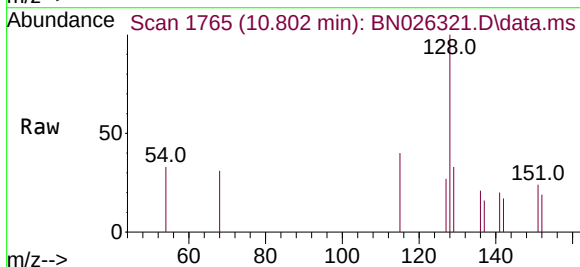
Tgt Ion: 128 Resp: 671

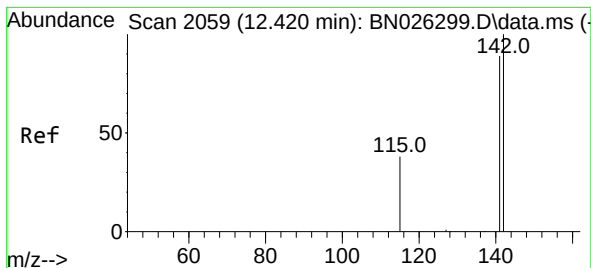
Ion Ratio Lower Upper

128 100

129 32.8 9.1 13.7#

127 26.6 10.7 16.1#

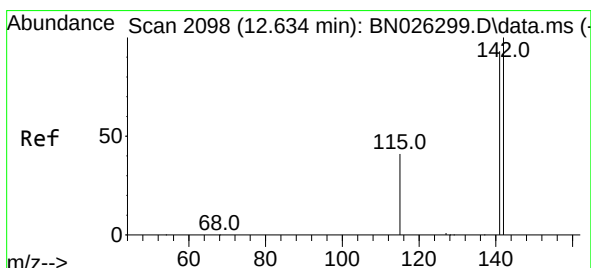
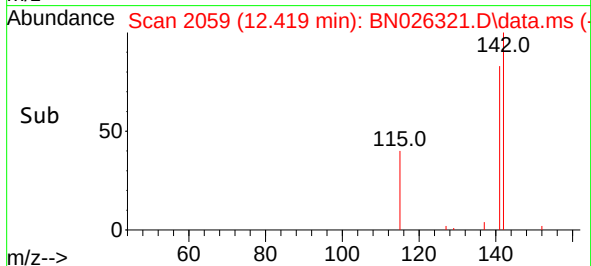
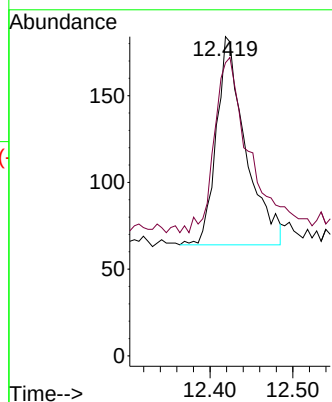
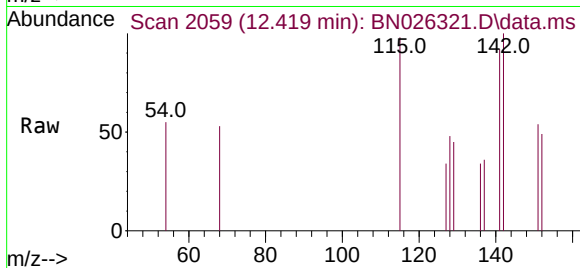




#7
2-Methylnaphthalene
Concen: 7.004 ng/ul
RT: 12.419 min Scan# 2059
Delta R.T. -0.001 min
Lab File: BN026321.D
Acq: 06 Jul 2023 09:27

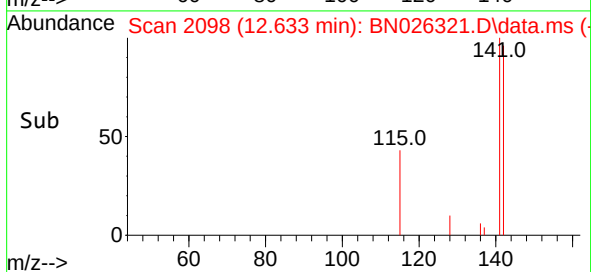
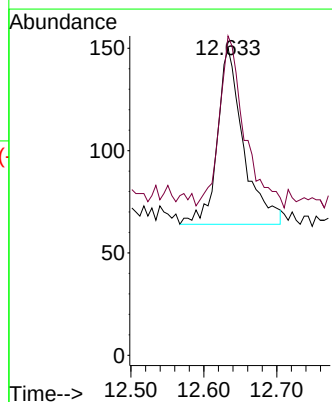
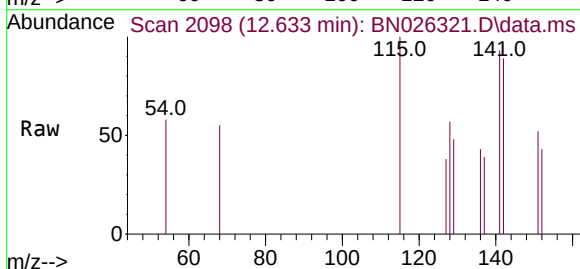
Instrument :
BNA_N
ClientSampleId :
DCGK2DL

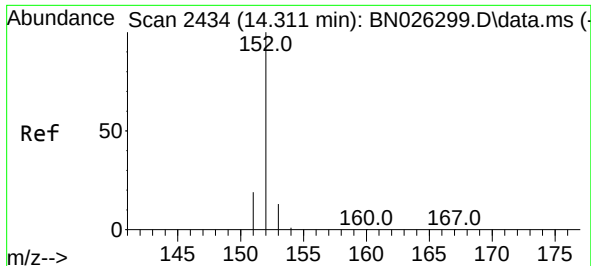
Tgt Ion:142 Resp: 294
Ion Ratio Lower Upper
142 100
141 96.6 71.9 107.9



#8
1-Methylnaphthalene
Concen: 4.920 ng/ul
RT: 12.633 min Scan# 2098
Delta R.T. -0.007 min
Lab File: BN026321.D
Acq: 06 Jul 2023 09:27

Tgt Ion:142 Resp: 214
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4

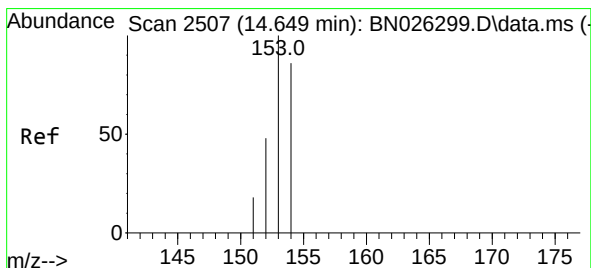
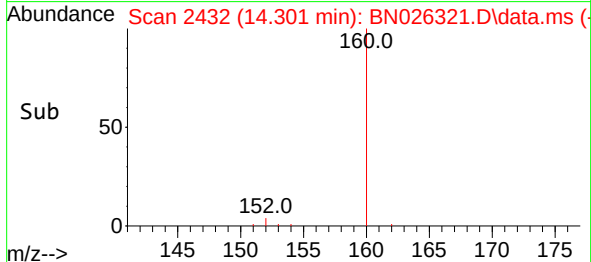
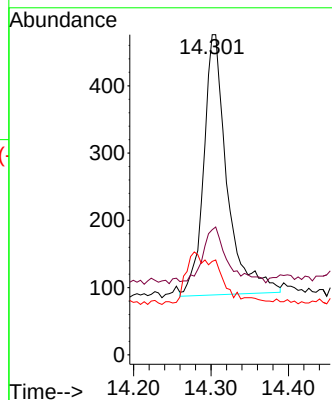
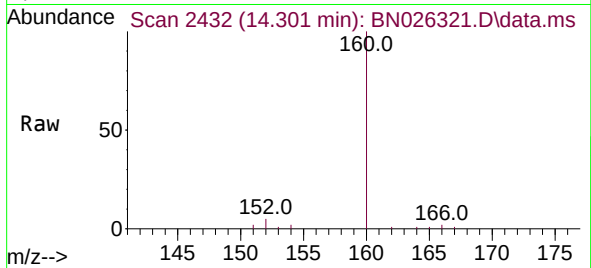




#10
Acenaphthylene
Concen: 2.043 ng/ul
RT: 14.301 min Scan# 2432
Delta R.T. -0.011 min
Lab File: BN026321.D
Acq: 06 Jul 2023 09:27

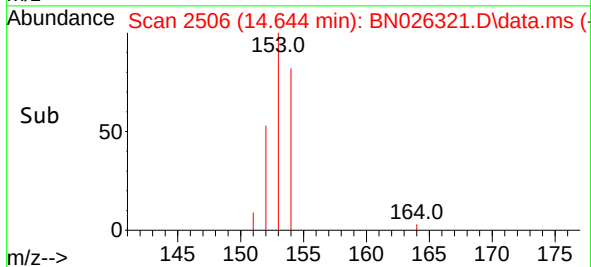
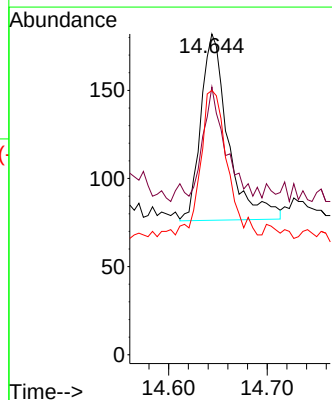
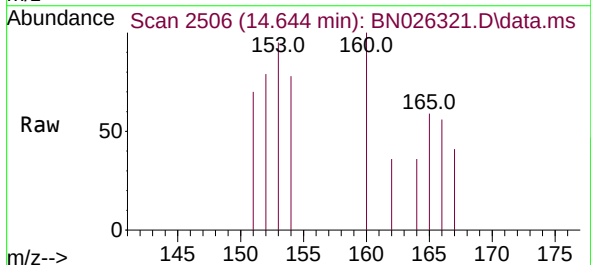
Instrument :
BNA_N
ClientSampleId :
DCGK2DL

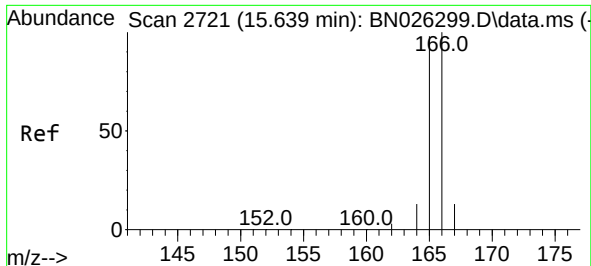
Tgt Ion:152 Resp: 813
Ion Ratio Lower Upper
152 100
151 39.1 16.2 24.4#
153 29.2 10.9 16.3#



#11
Acenaphthene
Concen: 0.623 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. -0.010 min
Lab File: BN026321.D
Acq: 06 Jul 2023 09:27

Tgt Ion:153 Resp: 203
Ion Ratio Lower Upper
153 100
152 83.5 39.4 59.0#
154 82.4 68.9 103.3

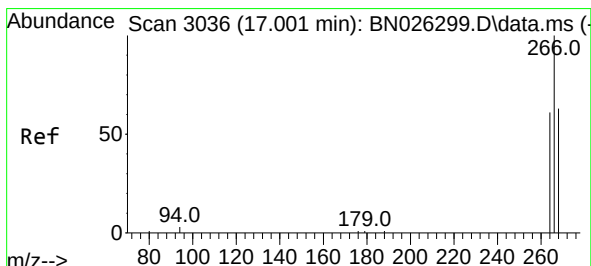
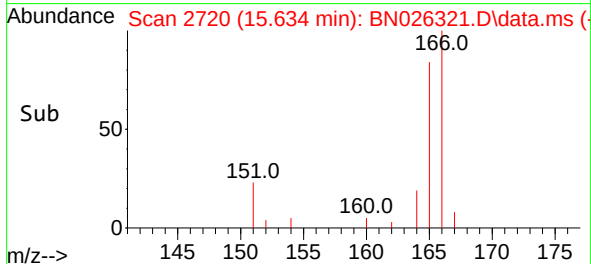
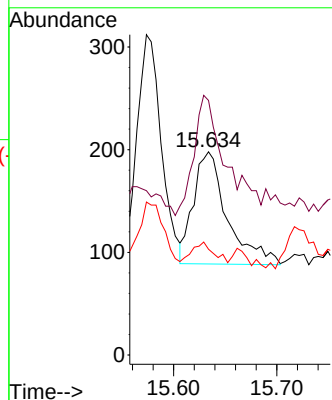
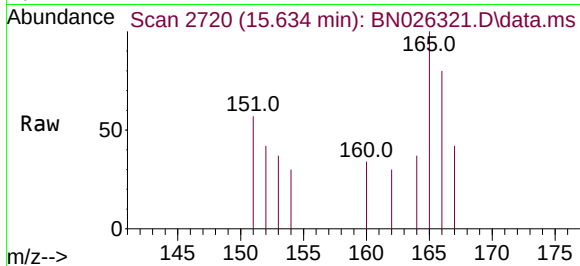




#12
Fluorene
Concen: 0.667 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN026321.D
Acq: 06 Jul 2023 09:27

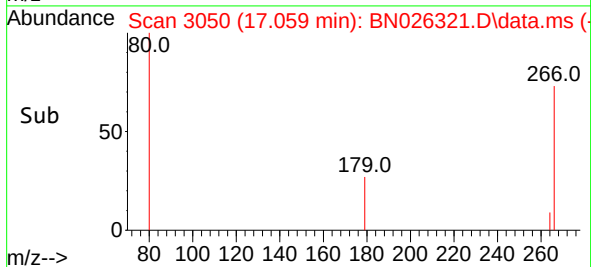
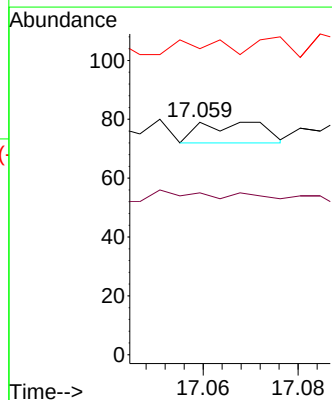
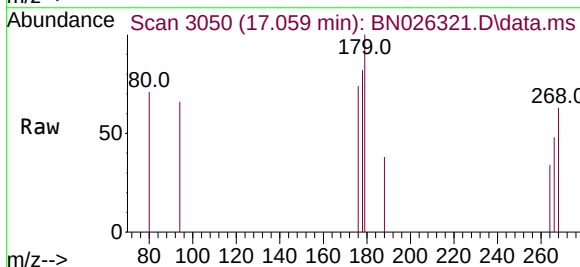
Instrument :
BNA_N
ClientSampleId :
DCGK2DL

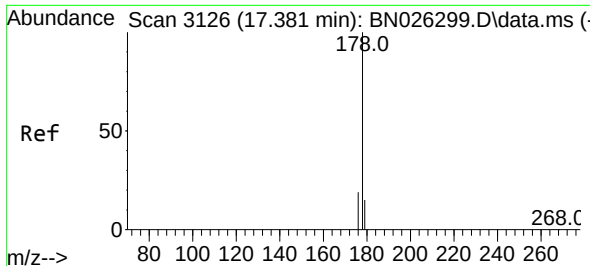
Tgt Ion:166 Resp: 249
Ion Ratio Lower Upper
166 100
165 125.3 79.9 119.9#
167 52.0 10.8 16.2#



#14
Pentachlorophenol
Concen: 0.127 ng/ul
RT: 17.059 min Scan# 3050
Delta R.T. 0.054 min
Lab File: BN026321.D
Acq: 06 Jul 2023 09:27

Tgt Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
264 71.4 50.5 75.7
268 57.1 51.6 77.4

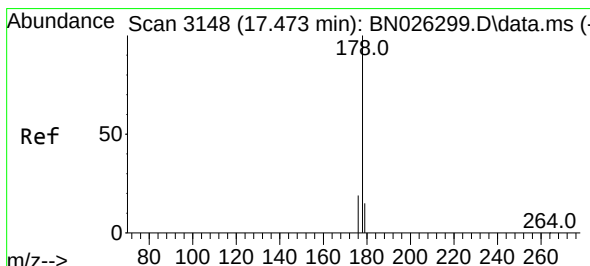
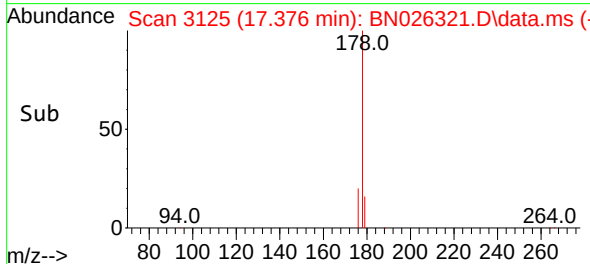
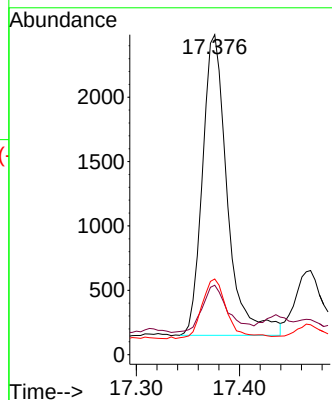
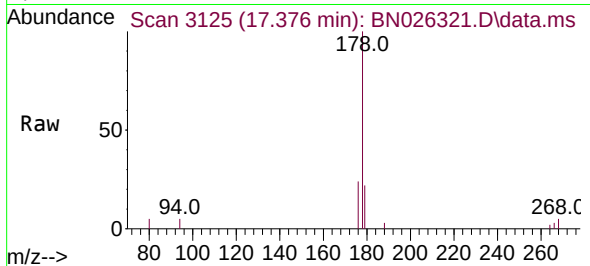




#15
Phenanthrene
Concen: 7.691 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.010 min
Lab File: BN026321.D
Acq: 06 Jul 2023 09:27

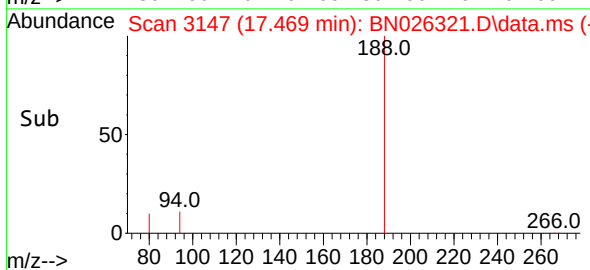
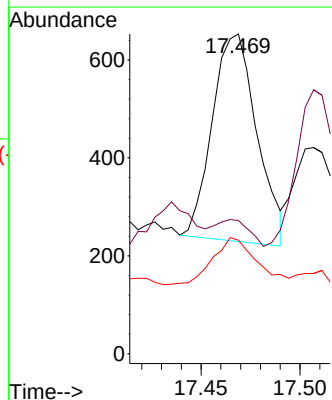
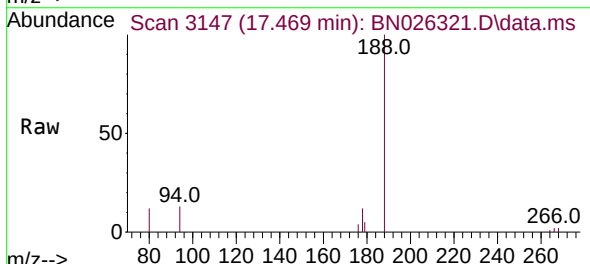
Instrument :
BNA_N
ClientSampleId :
DCGK2DL

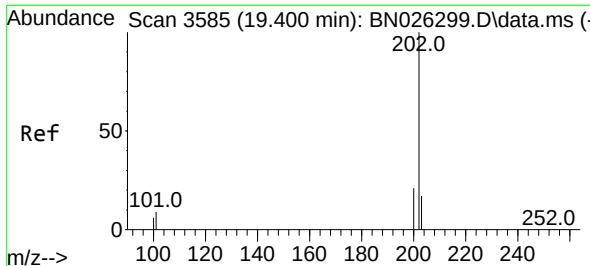
Tgt Ion:178 Resp: 3912
Ion Ratio Lower Upper
178 100
179 21.7 12.6 19.0#
176 23.7 15.8 23.6#



#16
Anthracene
Concen: 1.462 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BN026321.D
Acq: 06 Jul 2023 09:27

Tgt Ion:178 Resp: 661
Ion Ratio Lower Upper
178 100
179 41.7 12.6 18.8#
176 35.5 15.1 22.7#

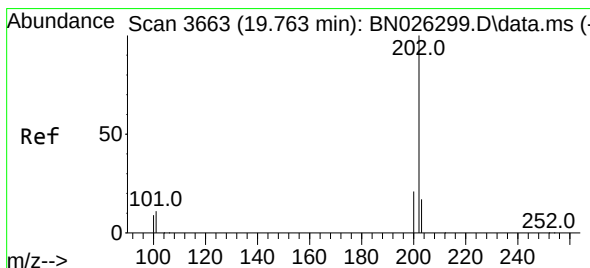
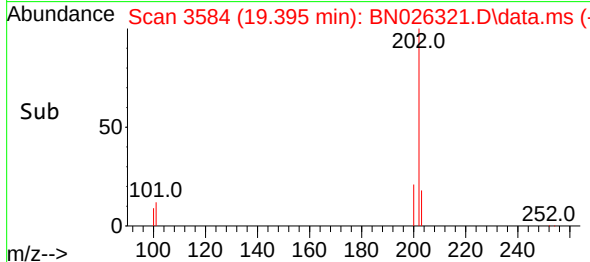
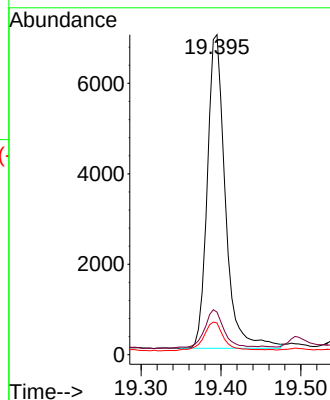
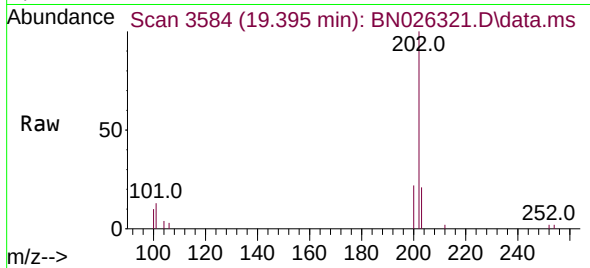




#19
Fluoranthene
Concen: 12.634 ng/ul
RT: 19.395 min Scan# 3584
Delta R.T. -0.006 min
Lab File: BN026321.D
Acq: 06 Jul 2023 09:27

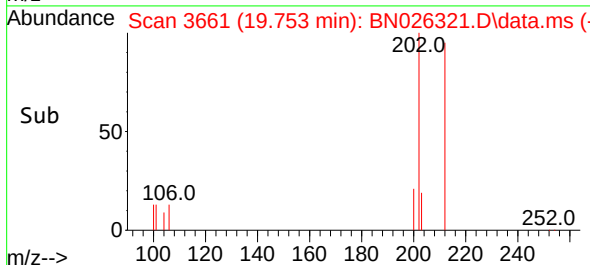
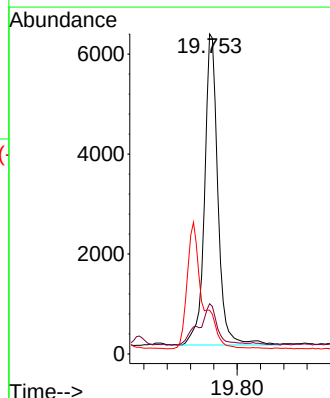
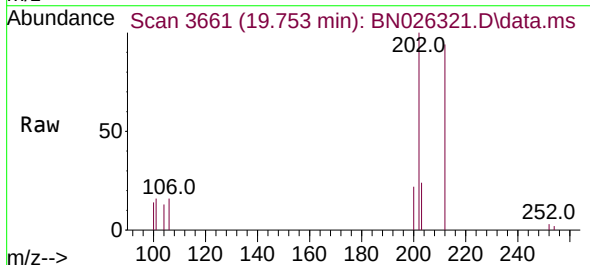
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DCGK2DL

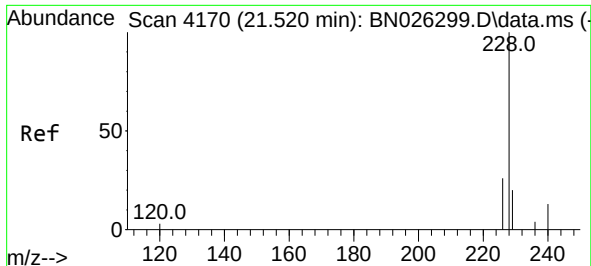
Tgt Ion:	202	Resp:	10864
Ion Ratio	Lower	Upper	
202	100		
101	13.3	9.5	14.3
100	9.9	7.3	10.9



#20
Pyrene
Concen: 11.139 ng/ul
RT: 19.753 min Scan# 3661
Delta R.T. -0.011 min
Lab File: BN026321.D
Acq: 06 Jul 2023 09:27

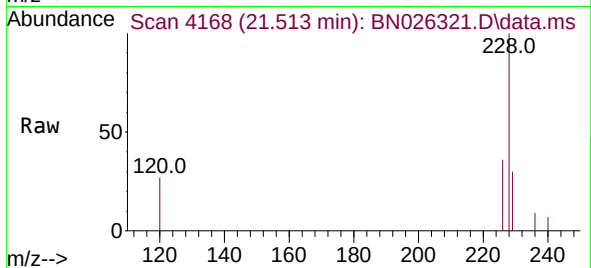
Tgt Ion:	202	Resp:	9963
Ion Ratio	Lower	Upper	
202	100		
101	15.7	11.4	17.0
100	13.7	9.1	13.7



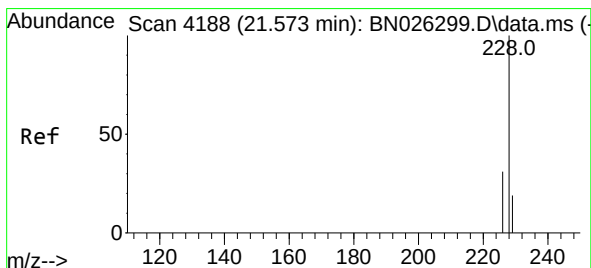
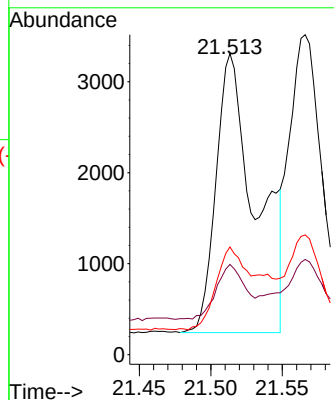


#21
Benzo(a)anthracene
Concen: 8.837 ng/ul
RT: 21.513 min Scan# 4170
Delta R.T. -0.002 min
Lab File: BN026321.D
Acq: 06 Jul 2023 09:27

Instrument :
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Tgt Ion:228 Resp: 5869
Ion Ratio Lower Upper
228 100
229 29.9 15.8 23.6#
226 35.7 22.5 33.7#



#22
Chrysene
Concen: 7.656 ng/ul
RT: 21.566 min Scan# 4186
Delta R.T. -0.005 min
Lab File: BN026321.D
Acq: 06 Jul 2023 09:27

Tgt Ion:228 Resp: 5291
Ion Ratio Lower Upper
228 100
226 37.4 24.8 37.2#
229 29.7 15.7 23.5#

