

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026311.D
 Acq On : 06 Jul 2023 02:44
 Operator : MA/JU
 Sample : 03248-13DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGP1DL

Quant Time: Jul 06 04:30:02 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)

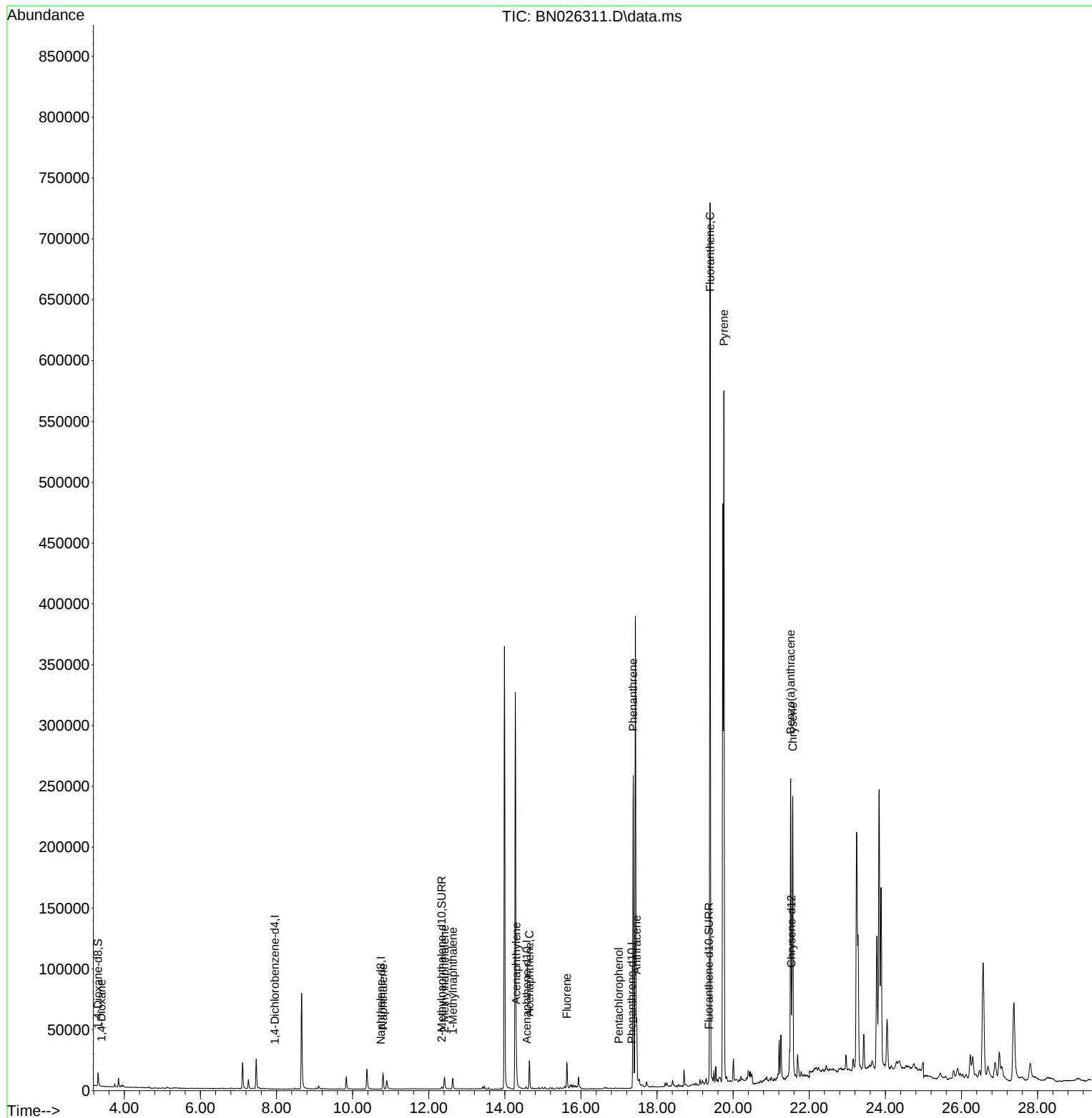
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	4	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.743	136	29	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.580	164	255	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.331	188	281	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.530	240	216	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-24.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	7641	1696.242	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	2764	61.966	ng/ul	0.00
18) Fluoranthene-d10	19.364	212	5201	6.326	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.402	88	22	4.600	ng/ul#	31
5) Naphthalene	10.798	128	19418	233.629	ng/ul	100
7) 2-Methylnaphthalene	12.414	142	8317	157.144	ng/ul	99
8) 1-Methylnaphthalene	12.634	142	6598	120.319	ng/ul	99
10) Acenaphthylene	14.303	152	22974	19.240	ng/ul	98
11) Acenaphthene	14.645	153	14368	14.710	ng/ul	99
12) Fluorene	15.630	166	13695	12.229	ng/ul#	99
14) Pentachlorophenol	16.993	266	35	0.347	ng/ul#	68
15) Phenanthrene	17.373	178	274517	295.762	ng/ul	99
16) Anthracene	17.466	178	58670	71.116	ng/ul	99
19) Fluoranthene	19.392	202	631660	547.510	ng/ul	97
20) Pyrene	19.755	202	481367	401.145	ng/ul	96
21) Benzo(a)anthracene	21.512	228	223285	250.581	ng/ul	97
22) Chrysene	21.565	228	245983	265.303	ng/ul	97

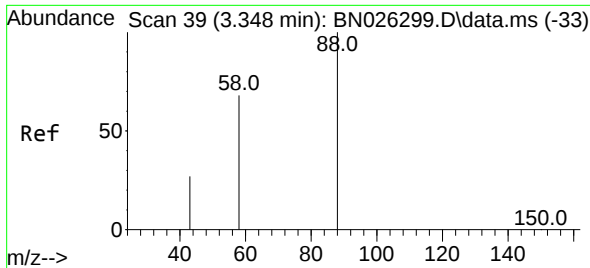
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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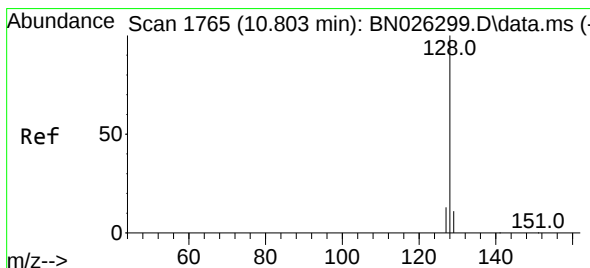
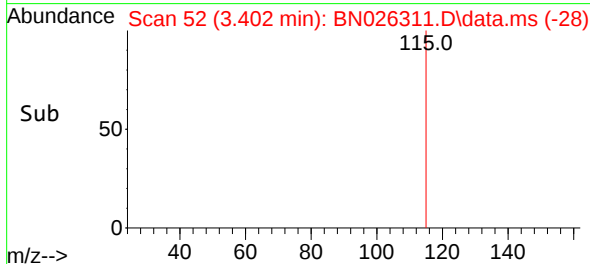
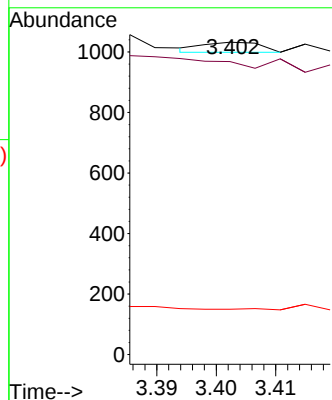
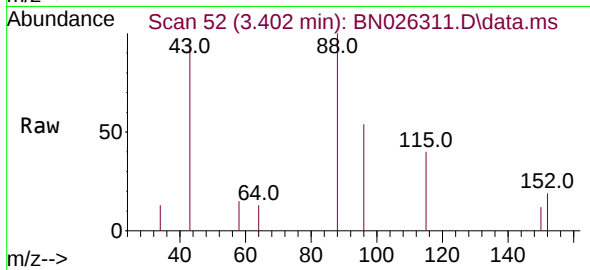




#2
1,4-Dioxane
Concen: 4.600 ng/ul
RT: 3.402 min Scan# 51
Delta R.T. 0.050 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

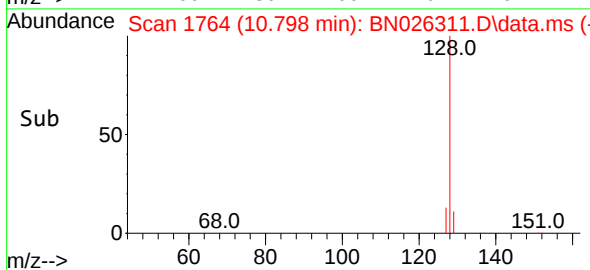
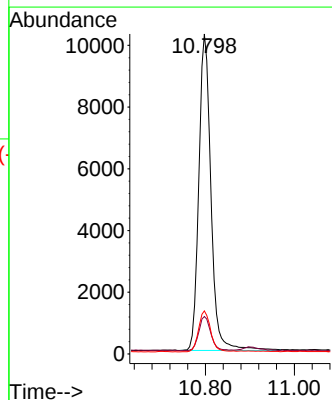
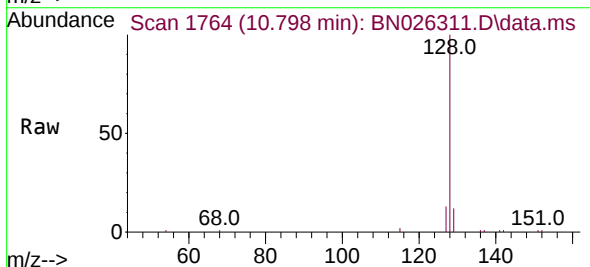
Instrument :
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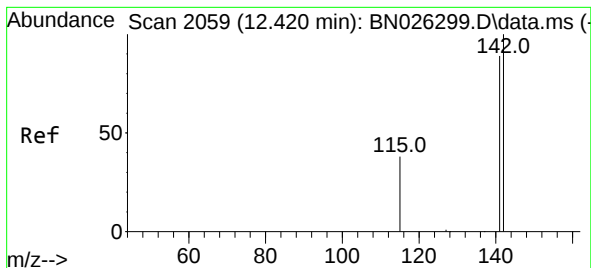
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 93.8 29.5 44.3#
58 14.5 37.4 56.2#



#5
Naphthalene
Concen: 233.629 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.011 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

Tgt Ion:128 Resp: 19418
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.4 10.7 16.1

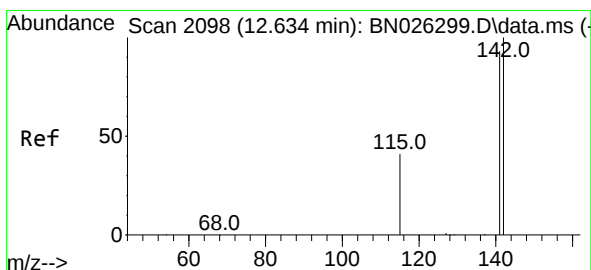
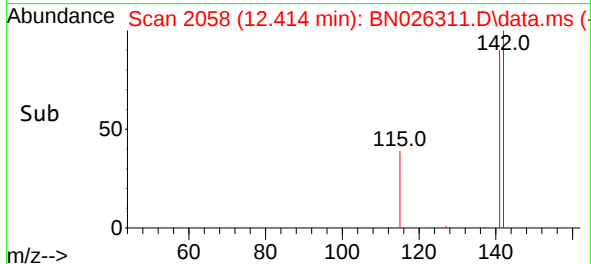
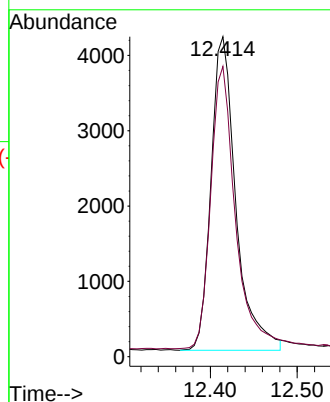
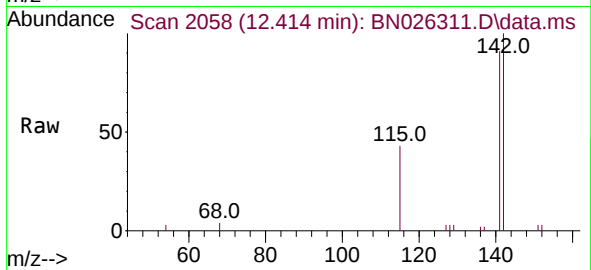




#7
2-Methylnaphthalene
Concen: 157.144 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

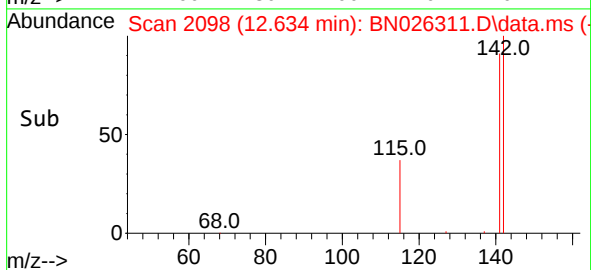
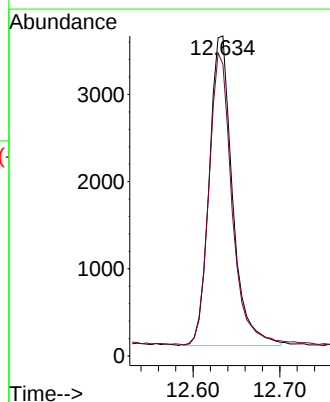
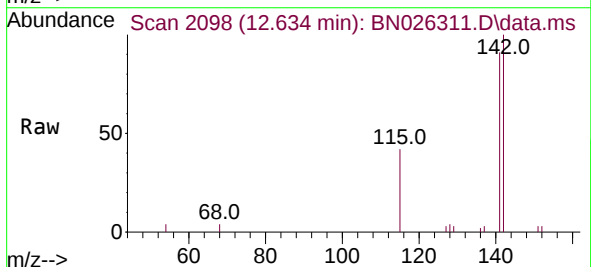
Instrument :
BNA_N
ClientSampleId :
DCGP1DL

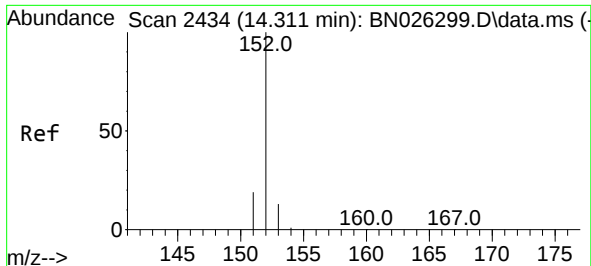
Tgt Ion:142 Resp: 8317
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 120.319 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

Tgt Ion:142 Resp: 6598
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4

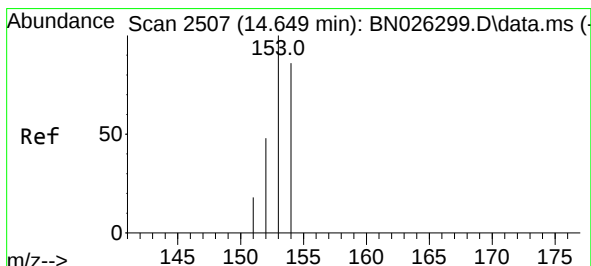
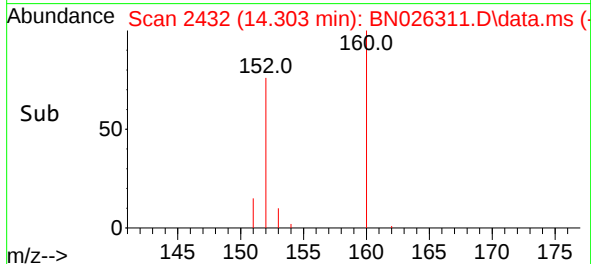
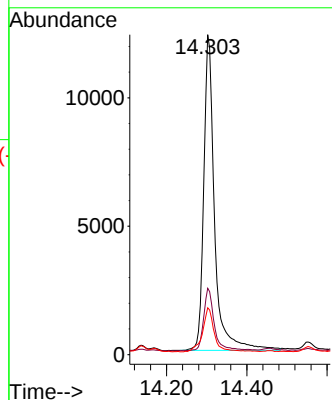
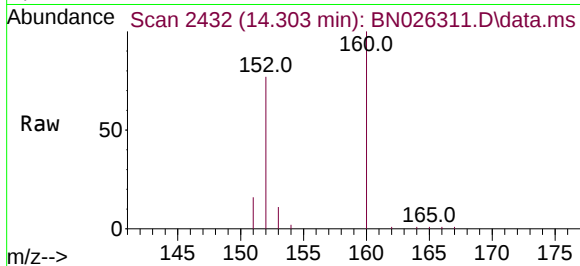




#10
Acenaphthylene
Concen: 19.240 ng/ul
RT: 14.303 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

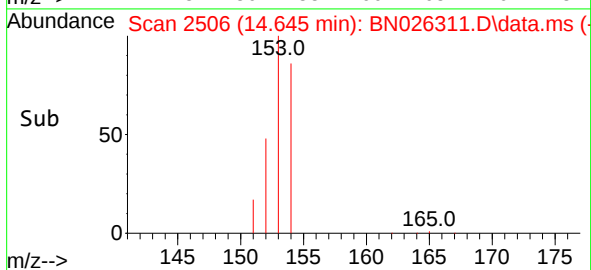
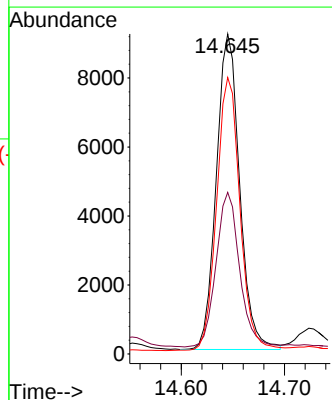
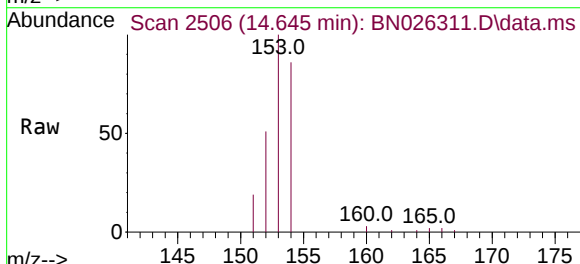
Instrument :
BNA_N
ClientSampleId :
DCGP1DL

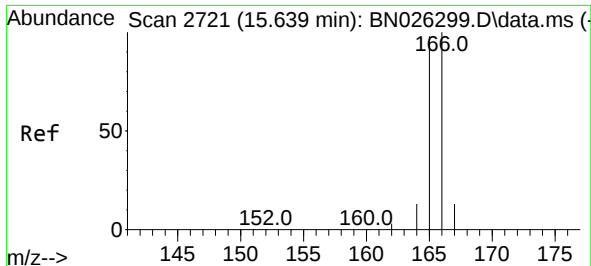
Tgt Ion:	152	Resp:	22974
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.2	24.4
153	14.6	10.9	16.3



#11
Acenaphthene
Concen: 14.710 ng/ul
RT: 14.645 min Scan# 2506
Delta R.T. -0.009 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

Tgt Ion:	153	Resp:	14368
Ion Ratio	Lower	Upper	
153	100		
152	50.5	39.4	59.0
154	86.4	68.9	103.3

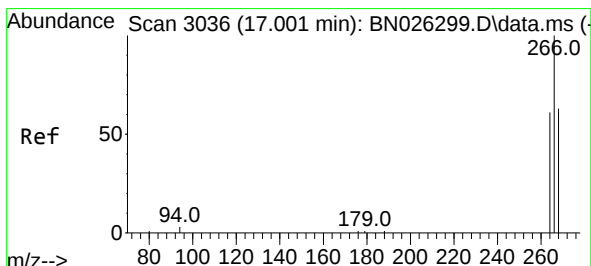
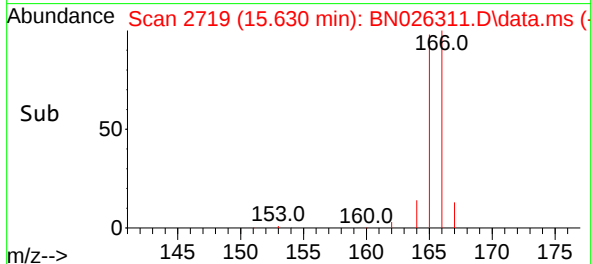
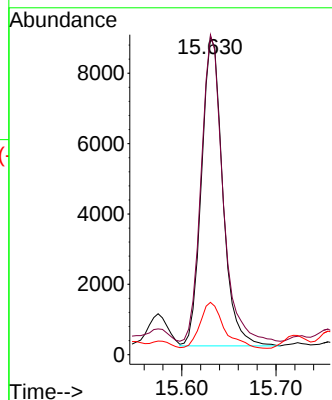
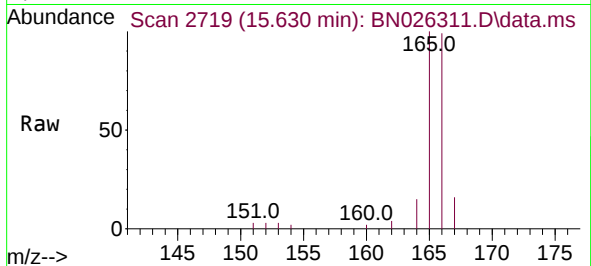




#12
Fluorene
Concen: 12.229 ng/ul
RT: 15.630 min Scan# 2721
Delta R.T. -0.014 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

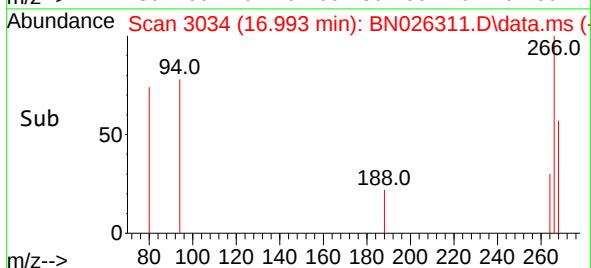
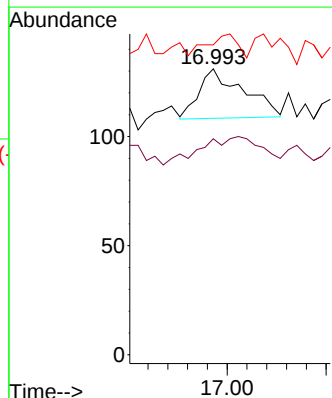
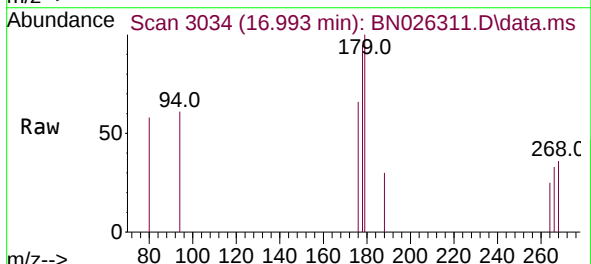
Instrument :
BNA_N
ClientSampleId :
DCGP1DL

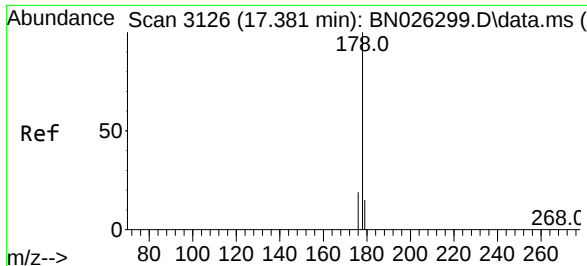
Tgt Ion:166 Resp: 13695
Ion Ratio Lower Upper
166 100
165 100.5 79.9 119.9
167 16.4 10.8 16.2#



#14
Pentachlorophenol
Concen: 0.347 ng/ul
RT: 16.993 min Scan# 3034
Delta R.T. -0.013 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

Tgt Ion:266 Resp: 35
Ion Ratio Lower Upper
266 100
264 88.6 50.5 75.7#
268 40.0 51.6 77.4#

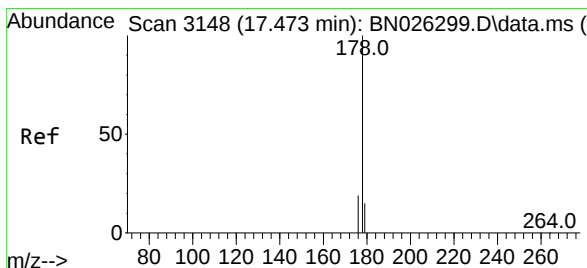
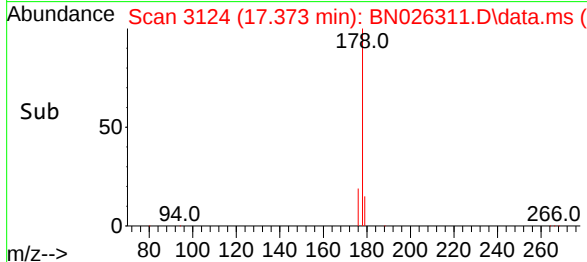
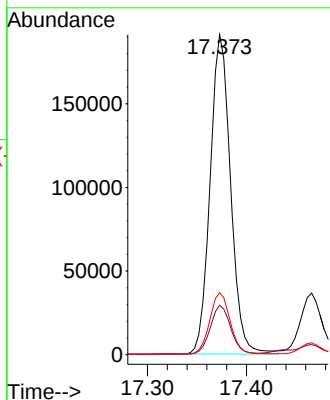
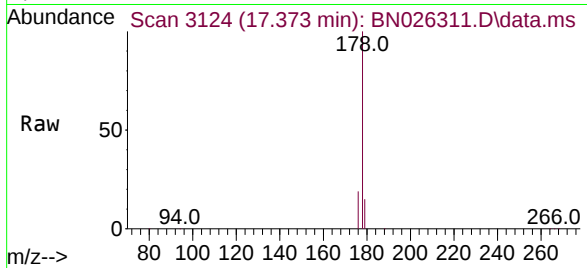




#15
Phenanthrene
Concen: 295.762 ng/ul
RT: 17.373 min Scan# 3124
Delta R.T. -0.013 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

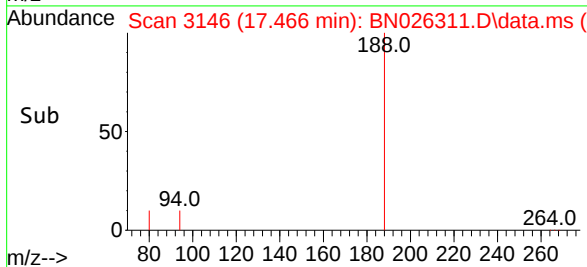
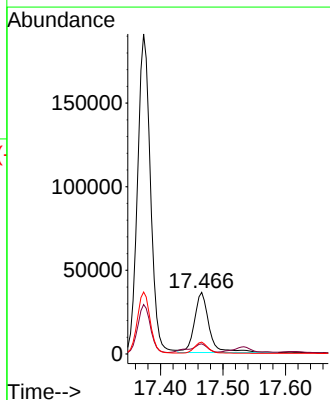
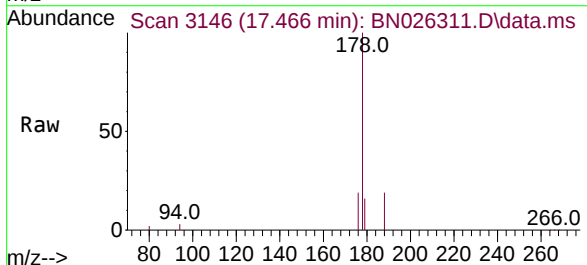
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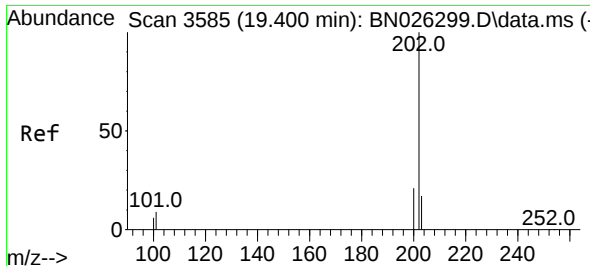
Tgt Ion:178 Resp: 274517
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6



#16
Anthracene
Concen: 71.116 ng/ul
RT: 17.466 min Scan# 3146
Delta R.T. -0.013 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

Tgt Ion:178 Resp: 58670
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 19.3 15.1 22.7

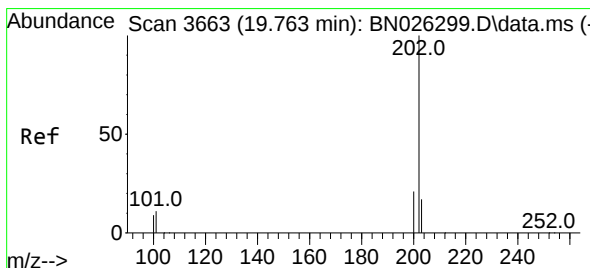
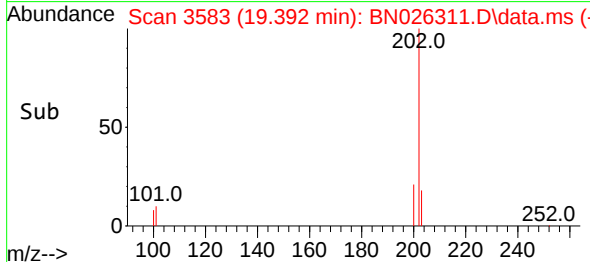
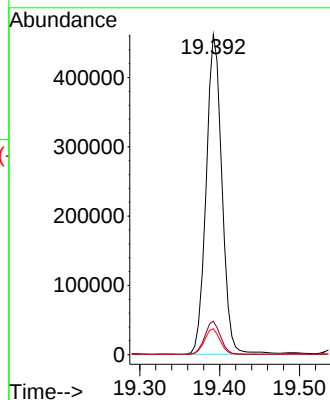
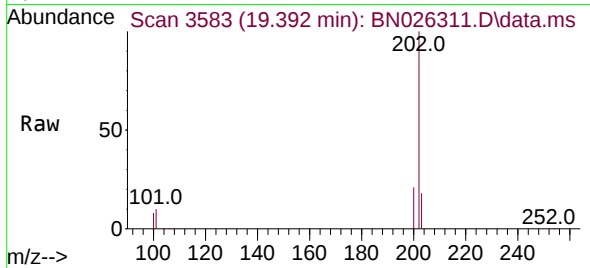




#19
Fluoranthene
Concen: 547.510 ng/ul
RT: 19.392 min Scan# 3583
Delta R.T. -0.009 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

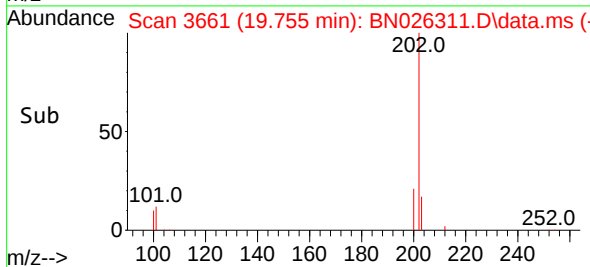
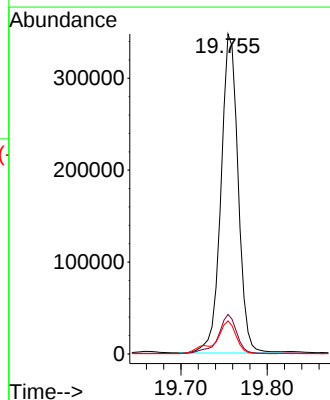
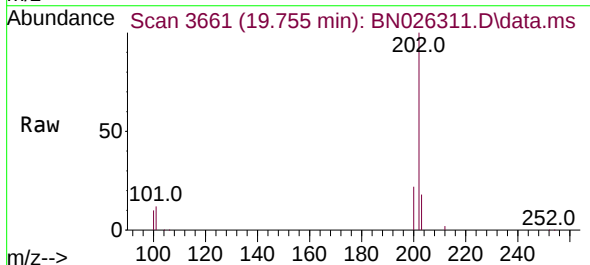
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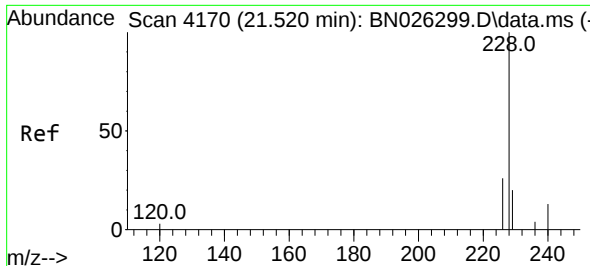
Tgt Ion:202 Resp: 631660
Ion Ratio Lower Upper
202 100
101 10.5 9.5 14.3
100 8.1 7.3 10.9



#20
Pyrene
Concen: 401.145 ng/ul
RT: 19.755 min Scan# 3661
Delta R.T. -0.009 min
Lab File: BN026311.D
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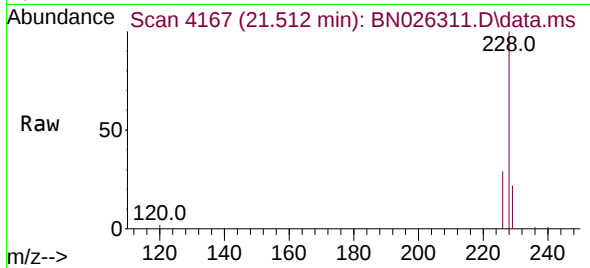
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Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.4 9.1 13.7



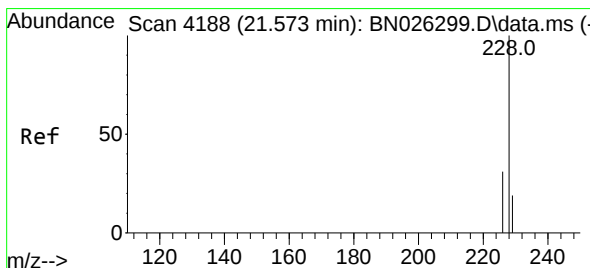
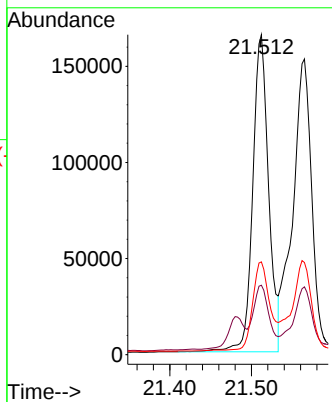
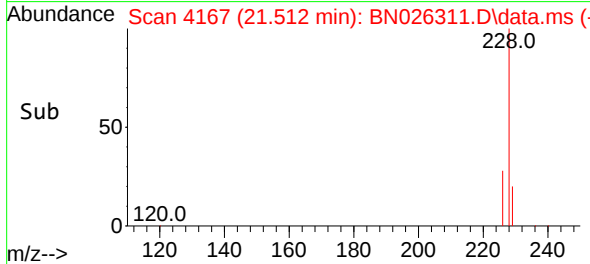


#21
Benzo(a)anthracene
Concen: 250.581 ng/ul
RT: 21.512 min Scan# 4167
Delta R.T. -0.003 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 223285
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 29.0 22.5 33.7



#22
Chrysene
Concen: 265.303 ng/ul
RT: 21.565 min Scan# 4185
Delta R.T. -0.006 min
Lab File: BN026311.D
Acq: 06 Jul 2023 02:44

Tgt Ion:228 Resp: 245983
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 23.0 15.7 23.5

