

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027502.D
 Acq On : 09 Sep 2023 15:21
 Operator : MA/JU
 Sample : 04227-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH9W1

Quant Time: Sep 10 00:11:02 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

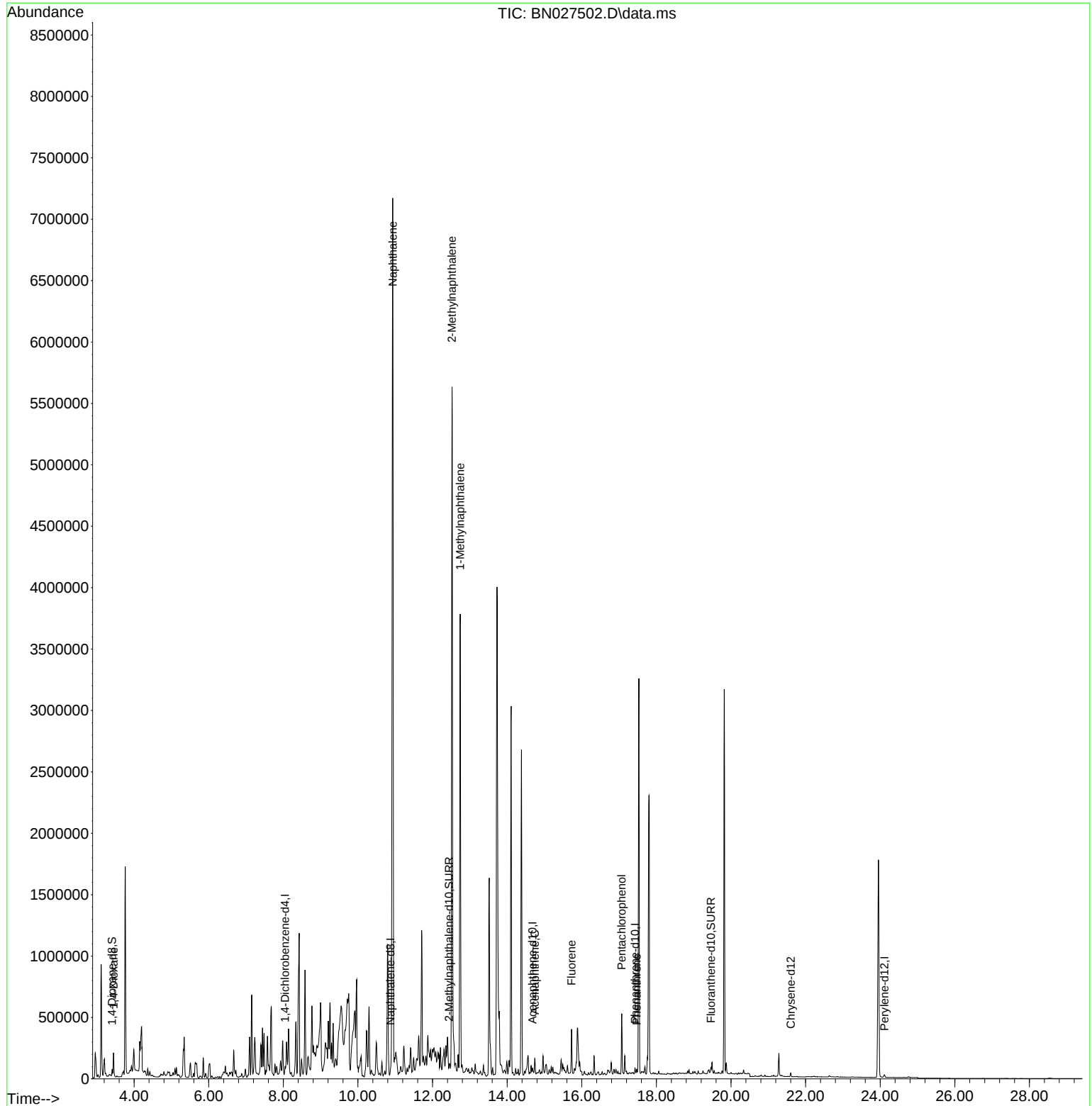
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	15041	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.872	136	48308	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.680	164	44027	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	55408	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.601	240	31928	0.400	ng/ul	# 0.00
23) Perylene-d12	24.112	264	31368	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	32105	1.605	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	25263	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.464	212	44018	0.402	ng/ul	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.448	88	141295	6.979	ng/ul#	74
5) Naphthalene	10.933	128	10664572	76.105	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	4009377	45.739	ng/ul	98
8) 1-Methylnaphthalene	12.742	142	2579991	27.621	ng/ul	99
11) Acenaphthene	14.740	153	77049	0.444	ng/ul	98
12) Fluorene	15.725	166	216965	1.117	ng/ul	100
14) Pentachlorophenol	17.071	266	296715	27.468	ng/ul	99
15) Phenanthrene	17.473	178	45602	0.253	ng/ul#	50

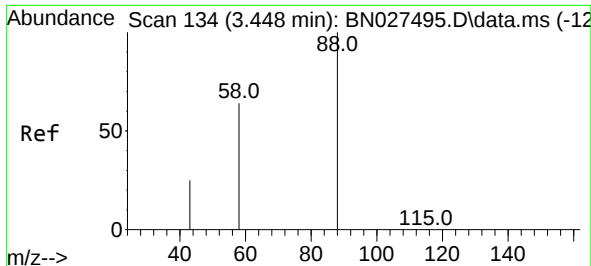
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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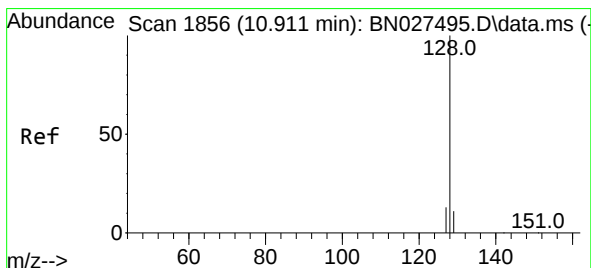
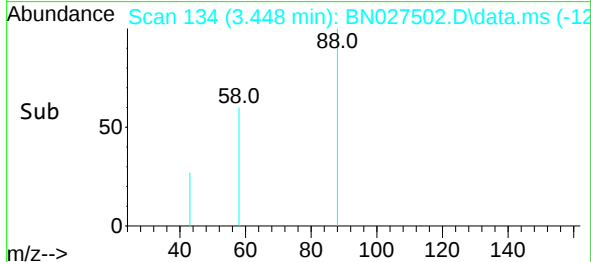
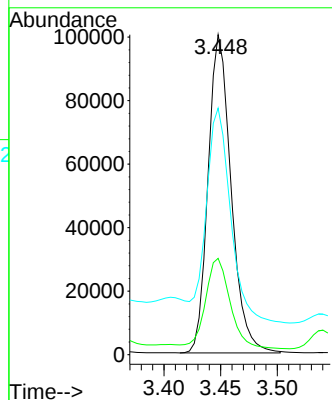
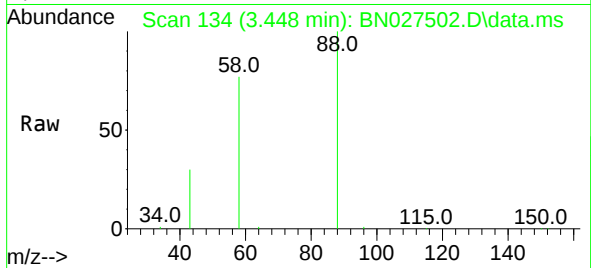




#2
1,4-Dioxane
Concen: 6.979 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

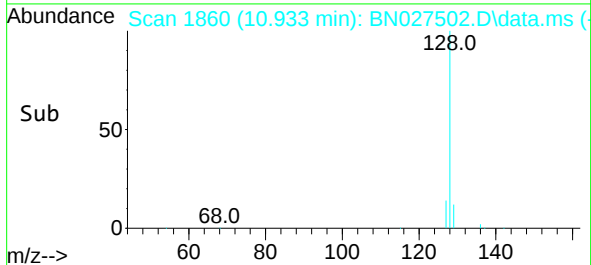
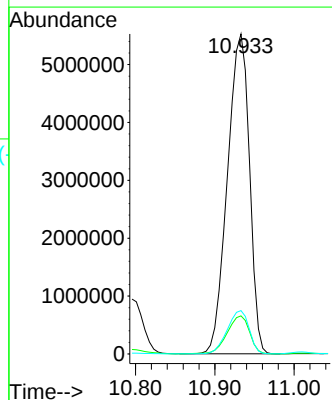
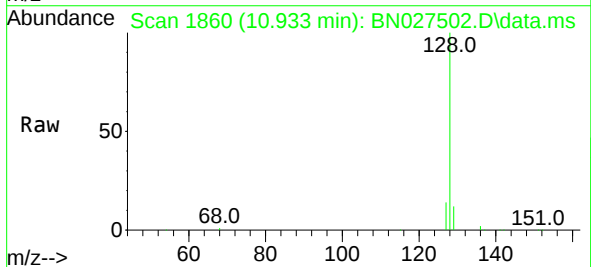
Instrument :
BNA_N
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BH9W1

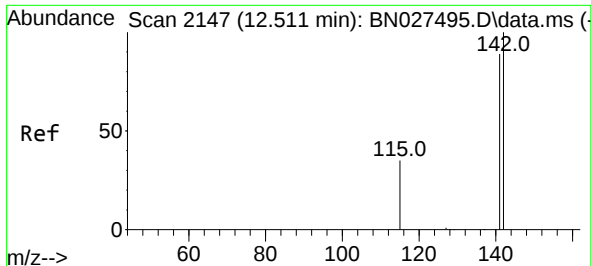
Tgt Ion: 88 Resp: 141295
Ion Ratio Lower Upper
88 100
43 30.1 26.8 40.2
58 77.1 39.9 59.9#



#5
Naphthalene
Concen: 76.105 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. 0.011 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Tgt Ion: 128 Resp: 10664572
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.6 10.6 16.0

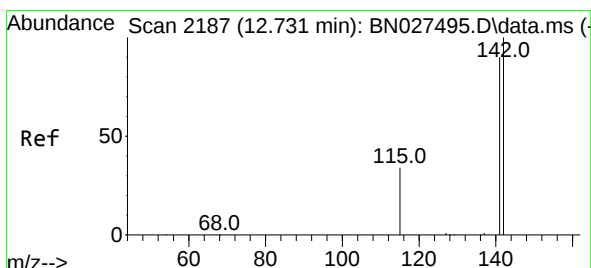
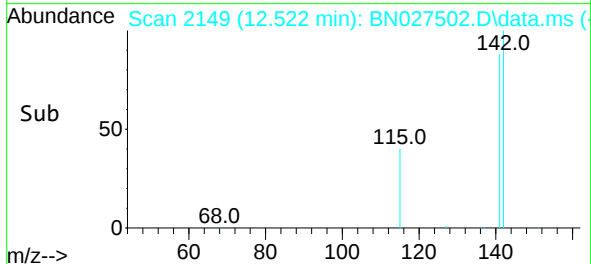
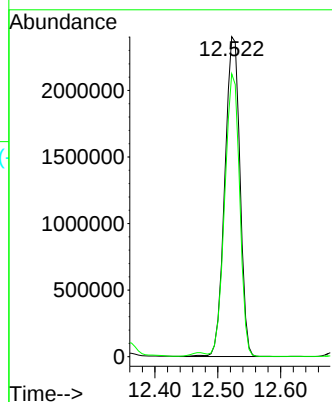
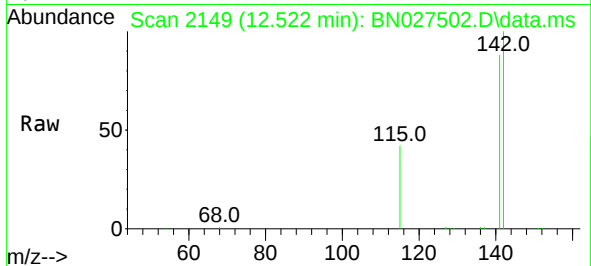




#7
2-Methylnaphthalene
Concen: 45.739 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

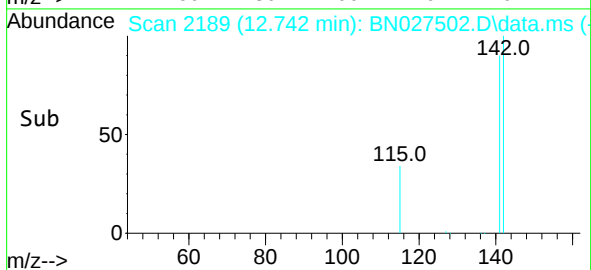
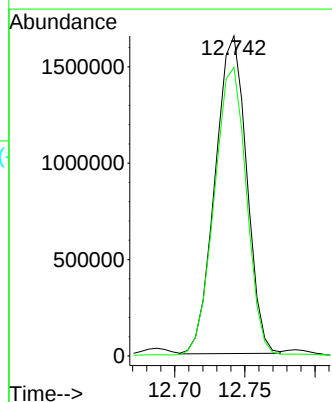
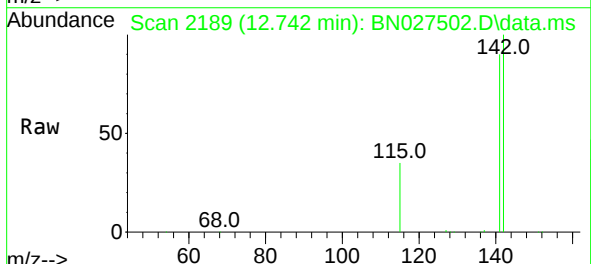
Instrument :
BNA_N
ClientSampleId :
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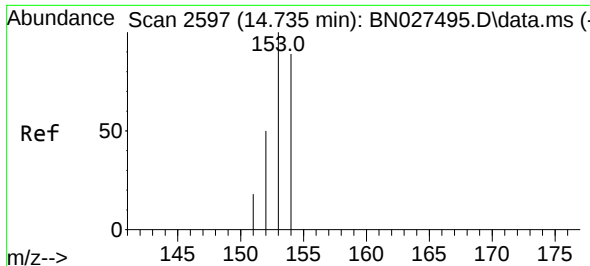
Tgt Ion:142 Resp: 4009377
Ion Ratio Lower Upper
142 100
141 87.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 27.621 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Tgt Ion:142 Resp: 2579991
Ion Ratio Lower Upper
142 100
141 92.2 73.0 109.4

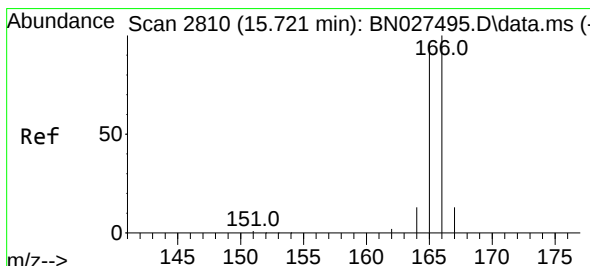
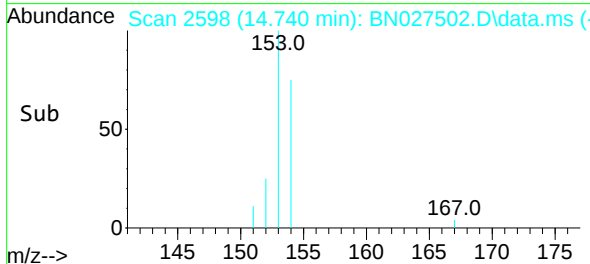
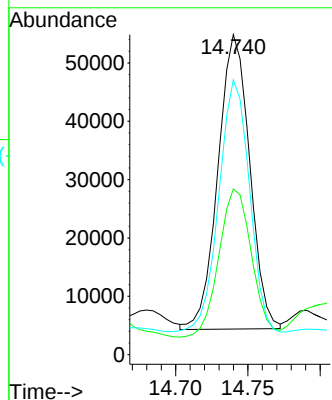
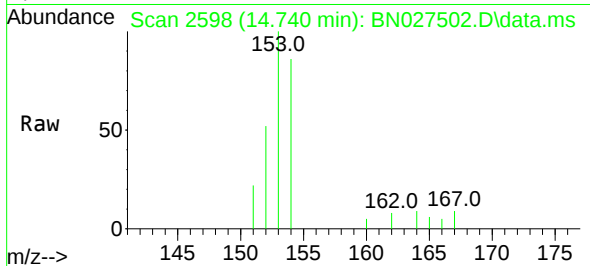




#11
Acenaphthene
Concen: 0.444 ng/ul
RT: 14.740 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

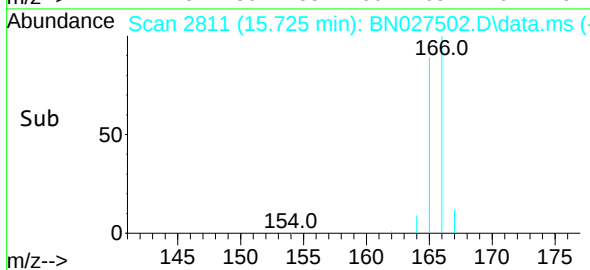
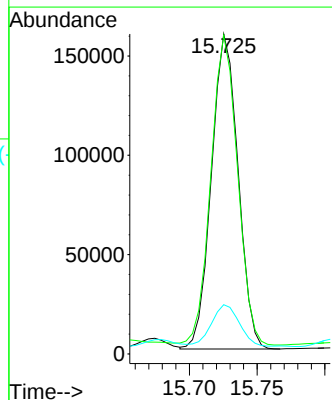
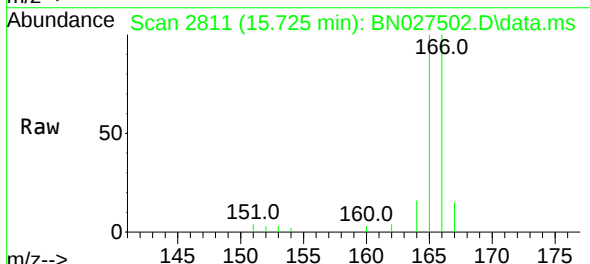
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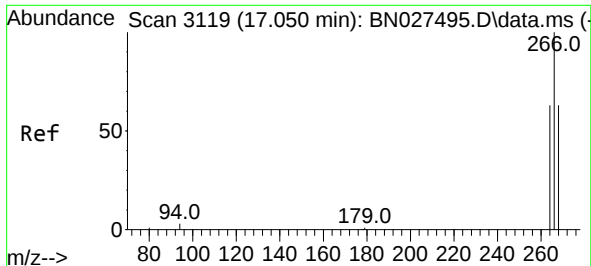
Tgt Ion:153 Resp: 77049
Ion Ratio Lower Upper
153 100
152 51.8 42.9 64.3
154 85.8 69.4 104.0



#12
Fluorene
Concen: 1.117 ng/ul
RT: 15.725 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Tgt Ion:166 Resp: 216965
Ion Ratio Lower Upper
166 100
165 99.6 79.6 119.4
167 15.4 11.4 17.0

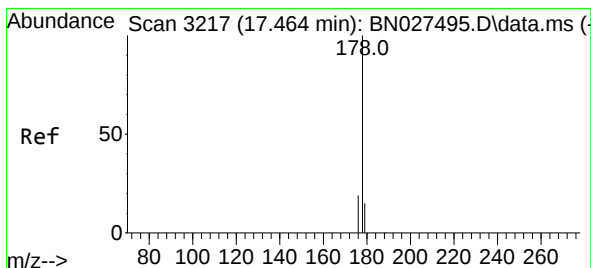
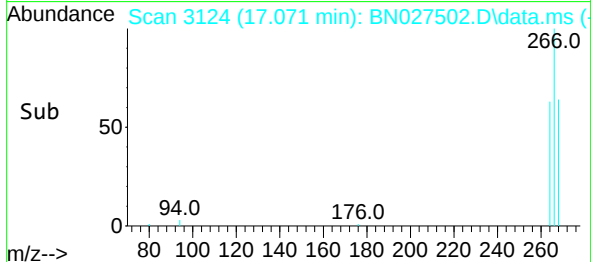
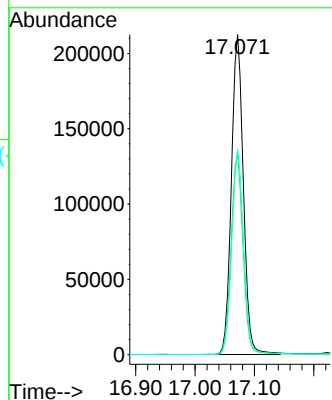
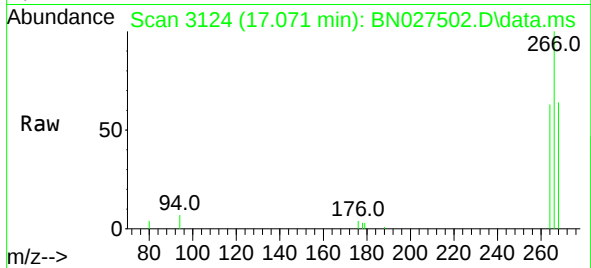




#14
 Pentachlorophenol
 Concen: 27.468 ng/ul
 RT: 17.071 min Scan# 3119
 Delta R.T. 0.013 min
 Lab File: BN027502.D
 Acq: 09 Sep 2023 15:21

Instrument :
 BNA_N
 ClientSampleId :
 BH9W1

Tgt Ion:266 Resp: 296715
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.4 75.6
 268 63.6 51.9 77.9



#15
 Phenanthrene
 Concen: 0.253 ng/ul
 RT: 17.473 min Scan# 3219
 Delta R.T. 0.004 min
 Lab File: BN027502.D
 Acq: 09 Sep 2023 15:21

Tgt Ion:178 Resp: 45602
 Ion Ratio Lower Upper
 178 100
 179 41.2 12.6 19.0#
 176 39.1 15.8 23.8#

