

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027909.D
 Acq On : 27 Sep 2023 20:59
 Operator : MA/JU
 Sample : 04410-02DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBK40DL

Quant Time: Sep 28 00:02:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

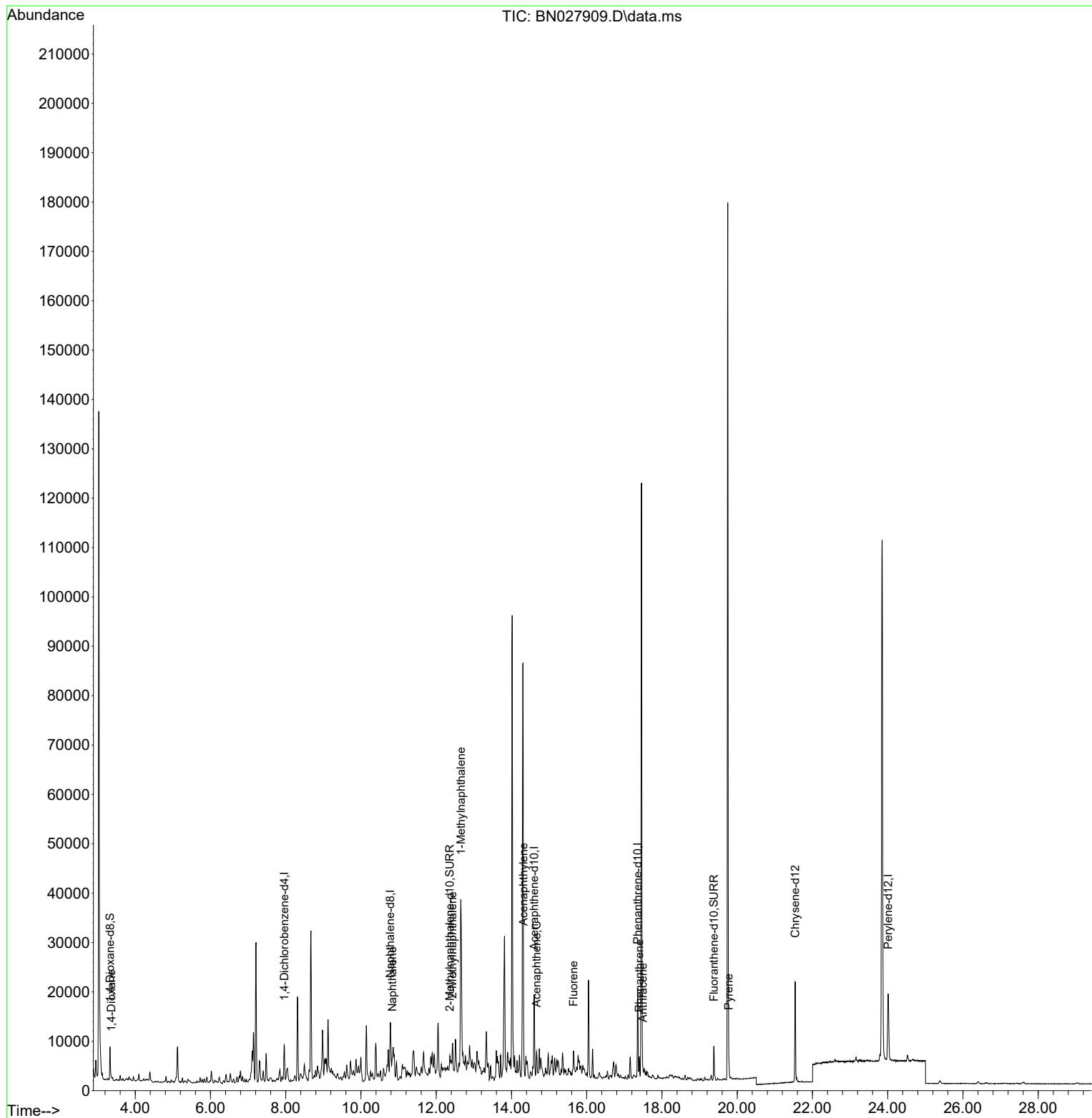
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	3440	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	13068	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.601	164	9111	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	19941	0.400	ng/ul #	0.00
17) Chrysene-d12	21.542	240	18713	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	19511	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4377	1.010	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	2477	0.125	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	7050	0.123	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	281	0.062	ng/ul#	46
5) Naphthalene	10.834	128	9949	0.266	ng/ul#	84
7) 2-Methylnaphthalene	12.434	142	2729	0.115	ng/ul	91
8) 1-Methylnaphthalene	12.654	142	19313	0.790	ng/ul	95
10) Acenaphthylene	14.319	152	817	0.021	ng/ul#	1
11) Acenaphthene	14.666	153	2379	0.069	ng/ul	93
12) Fluorene	15.651	166	3331	0.082	ng/ul#	96
15) Phenanthrene	17.397	178	5042	0.080	ng/ul#	82
16) Anthracene	17.489	178	1386	0.026	ng/ul#	51
20) Pyrene	19.776	202	3121	0.040	ng/ul#	83

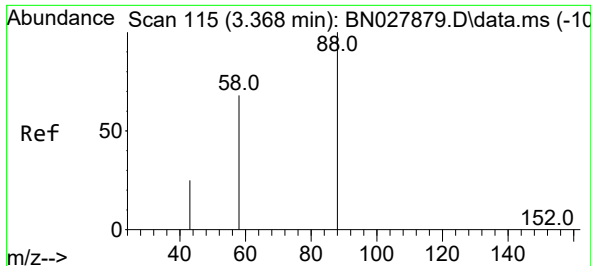
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 28 00:02:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration

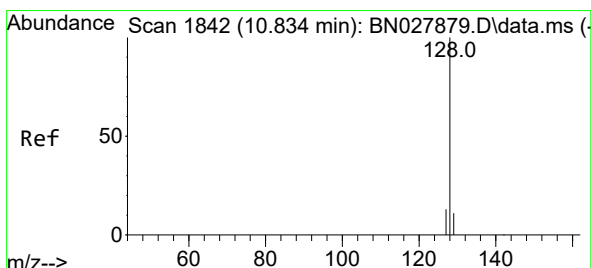
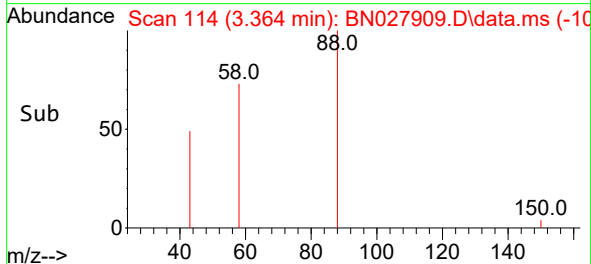
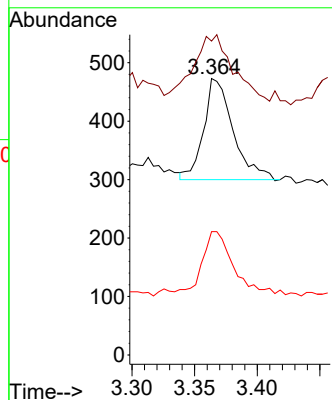
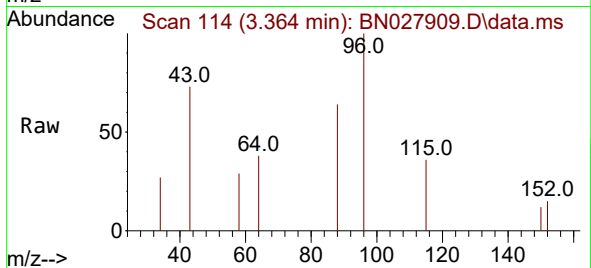




#2
1,4-Dioxane
Concen: 0.062 ng/ul
RT: 3.364 min Scan# 115
Delta R.T. -0.004 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

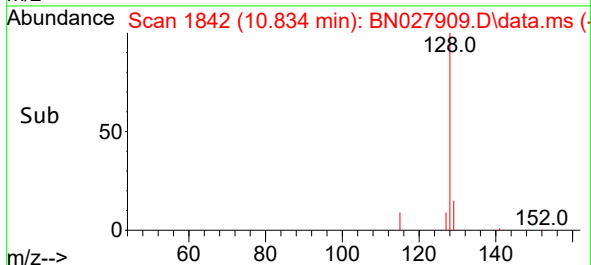
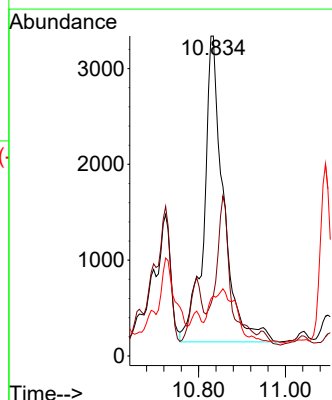
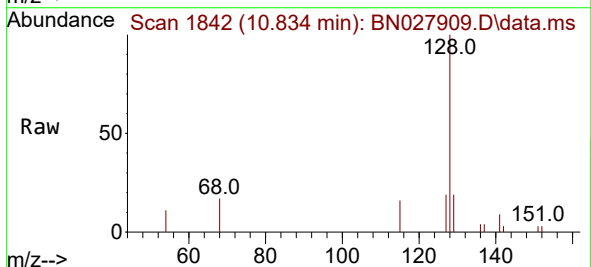
Instrument :
BNA_N
ClientSampleId :
BBK40DL

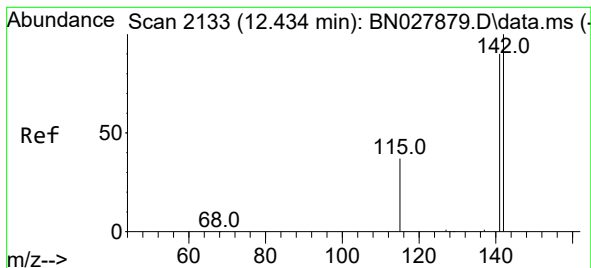
Tgt Ion: 88 Resp: 281
Ion Ratio Lower Upper
88 100
43 113.5 39.6 59.4#
58 44.6 48.3 72.5#



#5
Naphthalene
Concen: 0.266 ng/ul
RT: 10.834 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

Tgt Ion: 128 Resp: 9949
Ion Ratio Lower Upper
128 100
129 18.7 9.3 13.9#
127 18.8 10.7 16.1#

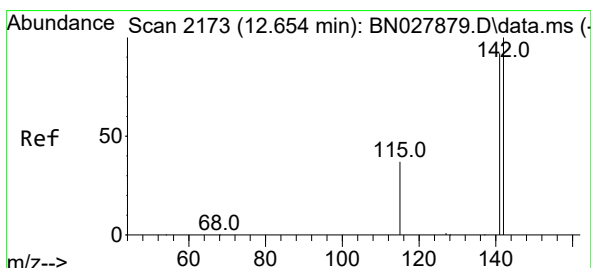
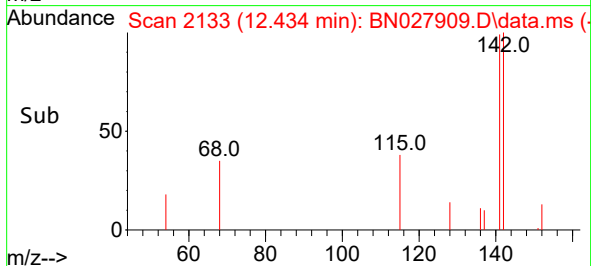
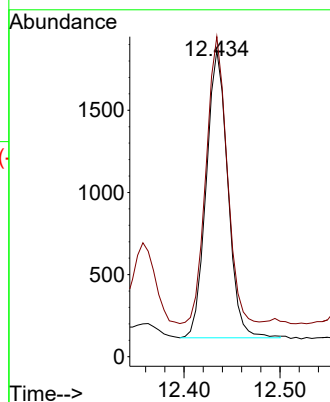
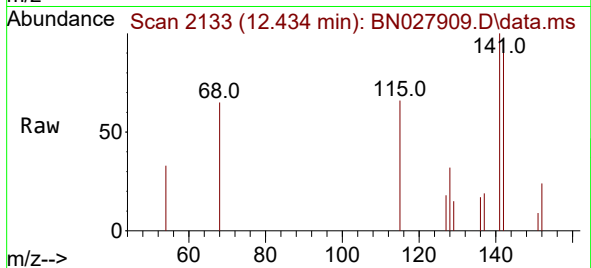




#7
2-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

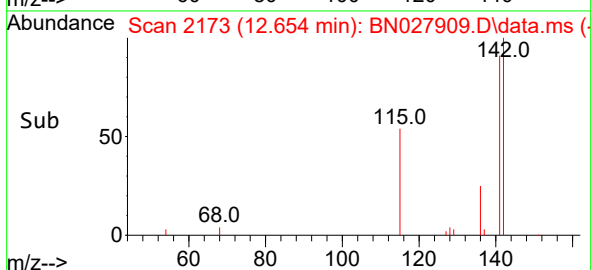
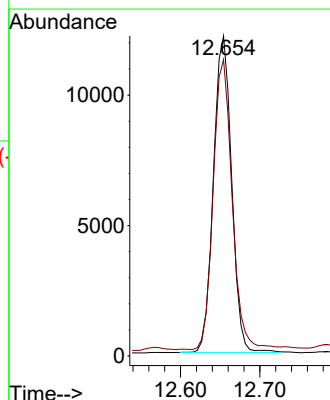
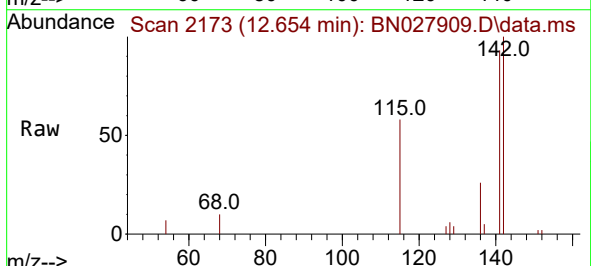
Instrument :
BNA_N
ClientSampleId :
BBK40DL

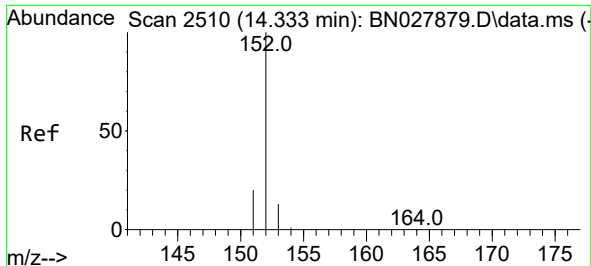
Tgt Ion:142 Resp: 2729
Ion Ratio Lower Upper
142 100
141 97.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.790 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027909.D
Acq: 27 Sep 2023 20:59

Tgt Ion:142 Resp: 19313
Ion Ratio Lower Upper
142 100
141 95.3 72.8 109.2





#10

Acenaphthylene

Concen: 0.021 ng/ul

RT: 14.319 min Scan# 2507

Delta R.T. -0.014 min

Lab File: BN027909.D

Acq: 27 Sep 2023 20:59

Instrument :

BNA_N

ClientSampleId :

BBK40DL

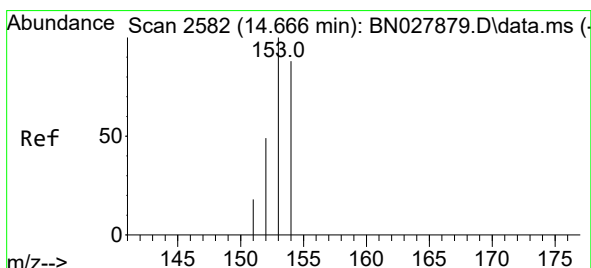
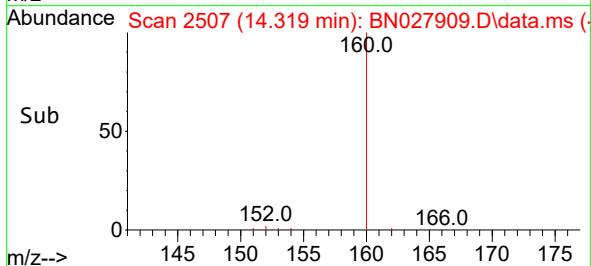
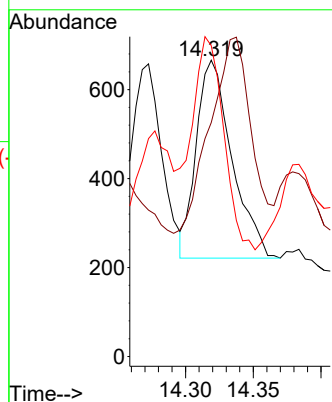
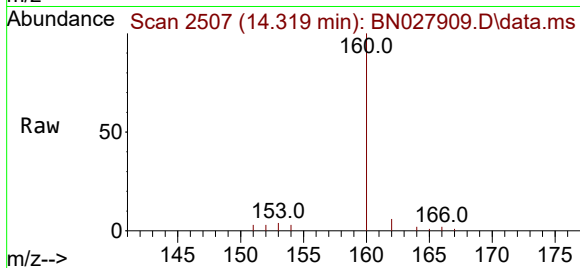
Tgt Ion:152 Resp: 817

Ion Ratio Lower Upper

152 100

151 79.0 16.6 25.0#

153 105.0 11.0 16.6#



#11

Acenaphthene

Concen: 0.069 ng/ul

RT: 14.666 min Scan# 2582

Delta R.T. 0.000 min

Lab File: BN027909.D

Acq: 27 Sep 2023 20:59

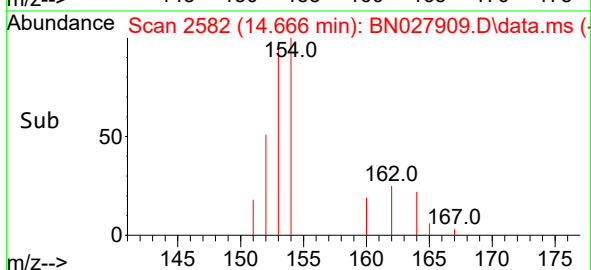
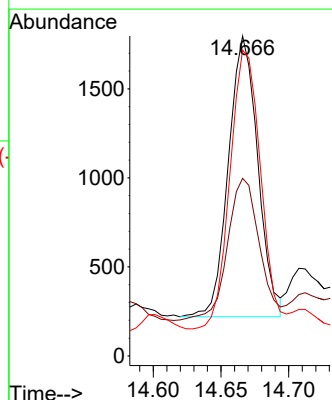
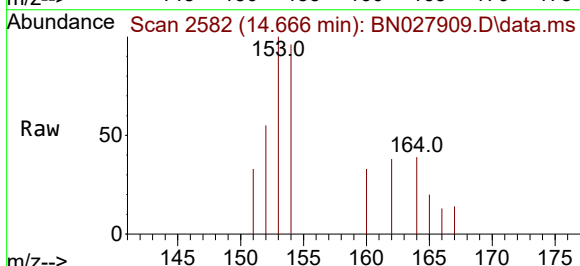
Tgt Ion:153 Resp: 2379

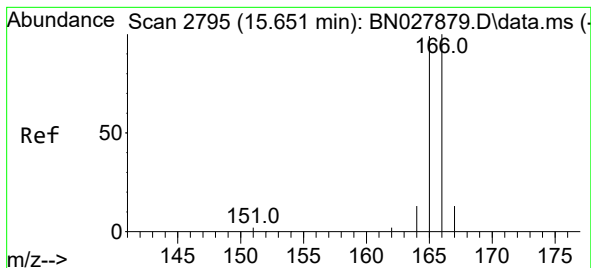
Ion Ratio Lower Upper

153 100

152 55.5 41.7 62.5

154 95.6 70.3 105.5





#12

Fluorene

Concen: 0.082 ng/ul

RT: 15.651 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027909.D

Acq: 27 Sep 2023 20:59

Instrument :

BNA_N

ClientSampleId :

BBK40DL

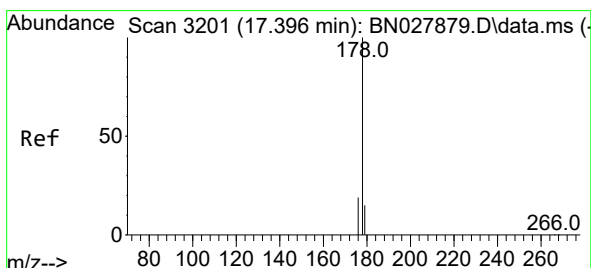
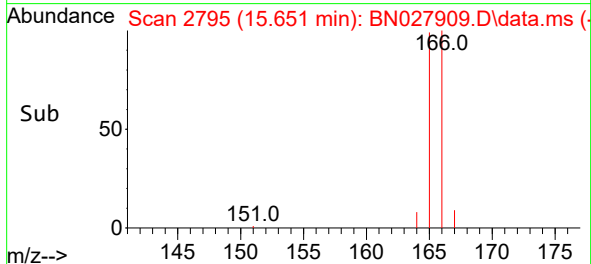
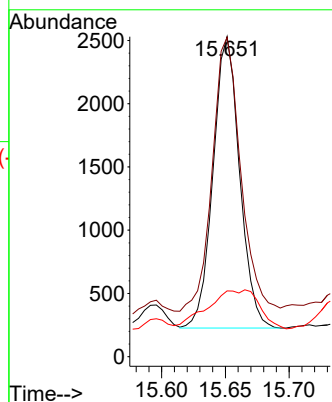
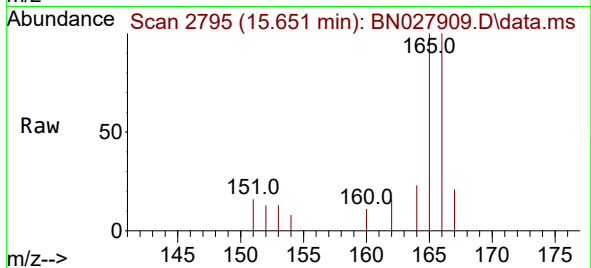
Tgt Ion:166 Resp: 3331

Ion Ratio Lower Upper

166 100

165 99.8 78.0 117.0

167 20.6 11.4 17.2#



#15

Phenanthrene

Concen: 0.080 ng/ul

RT: 17.397 min Scan# 3201

Delta R.T. 0.000 min

Lab File: BN027909.D

Acq: 27 Sep 2023 20:59

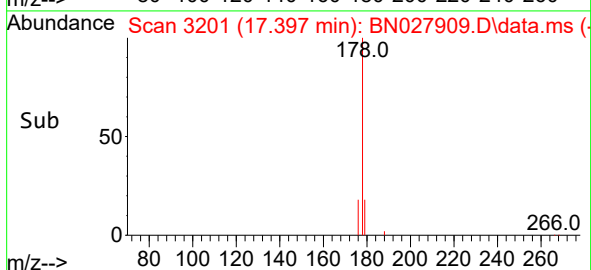
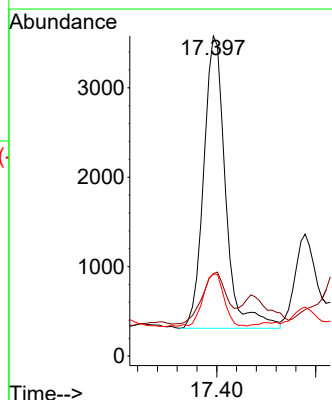
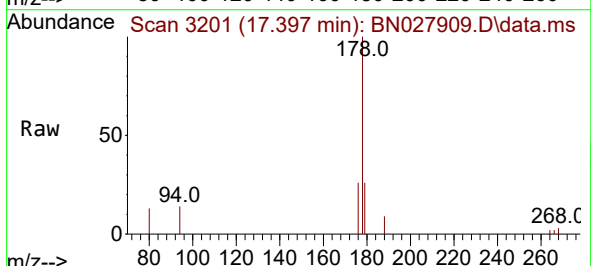
Tgt Ion:178 Resp: 5042

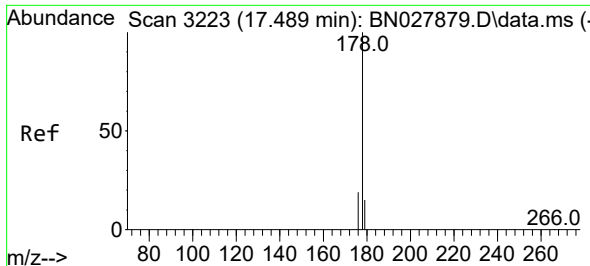
Ion Ratio Lower Upper

178 100

179 25.8 12.4 18.6#

176 25.6 16.0 24.0#

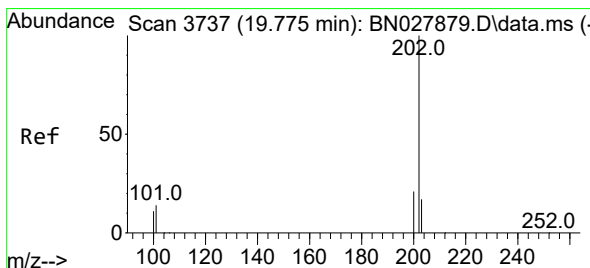
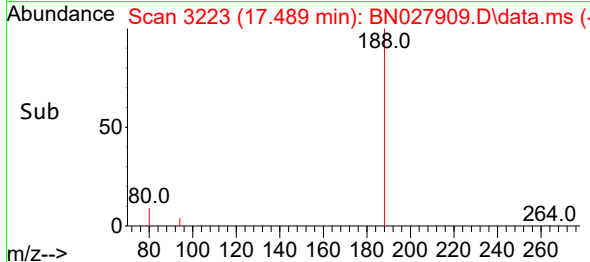
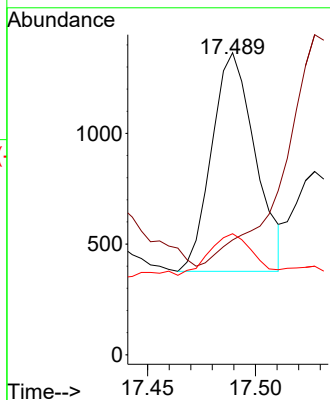
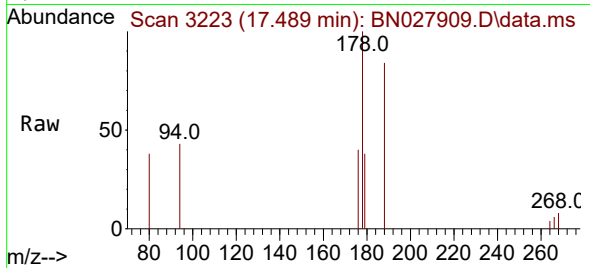




#16
 Anthracene
 Concen: 0.026 ng/ul
 RT: 17.489 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN027909.D
 Acq: 27 Sep 2023 20:59

Instrument :
 BNA_N
 ClientSampleId :
 BBK40DL

Tgt Ion:178 Resp: 1386
 Ion Ratio Lower Upper
 178 100
 179 38.0 12.6 19.0#
 176 40.1 15.5 23.3#



#20
 Pyrene
 Concen: 0.040 ng/ul
 RT: 19.776 min Scan# 3737
 Delta R.T. 0.000 min
 Lab File: BN027909.D
 Acq: 27 Sep 2023 20:59

Tgt Ion:202 Resp: 3121
 Ion Ratio Lower Upper
 202 100
 101 23.2 11.4 17.0#
 100 15.9 9.1 13.7#

