

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090523\
 Data File : BN027372.D
 Acq On : 05 Sep 2023 13:00
 Operator : MA/JU
 Sample : 04134-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCHJ7

Quant Time: Sep 06 00:41:42 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 : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

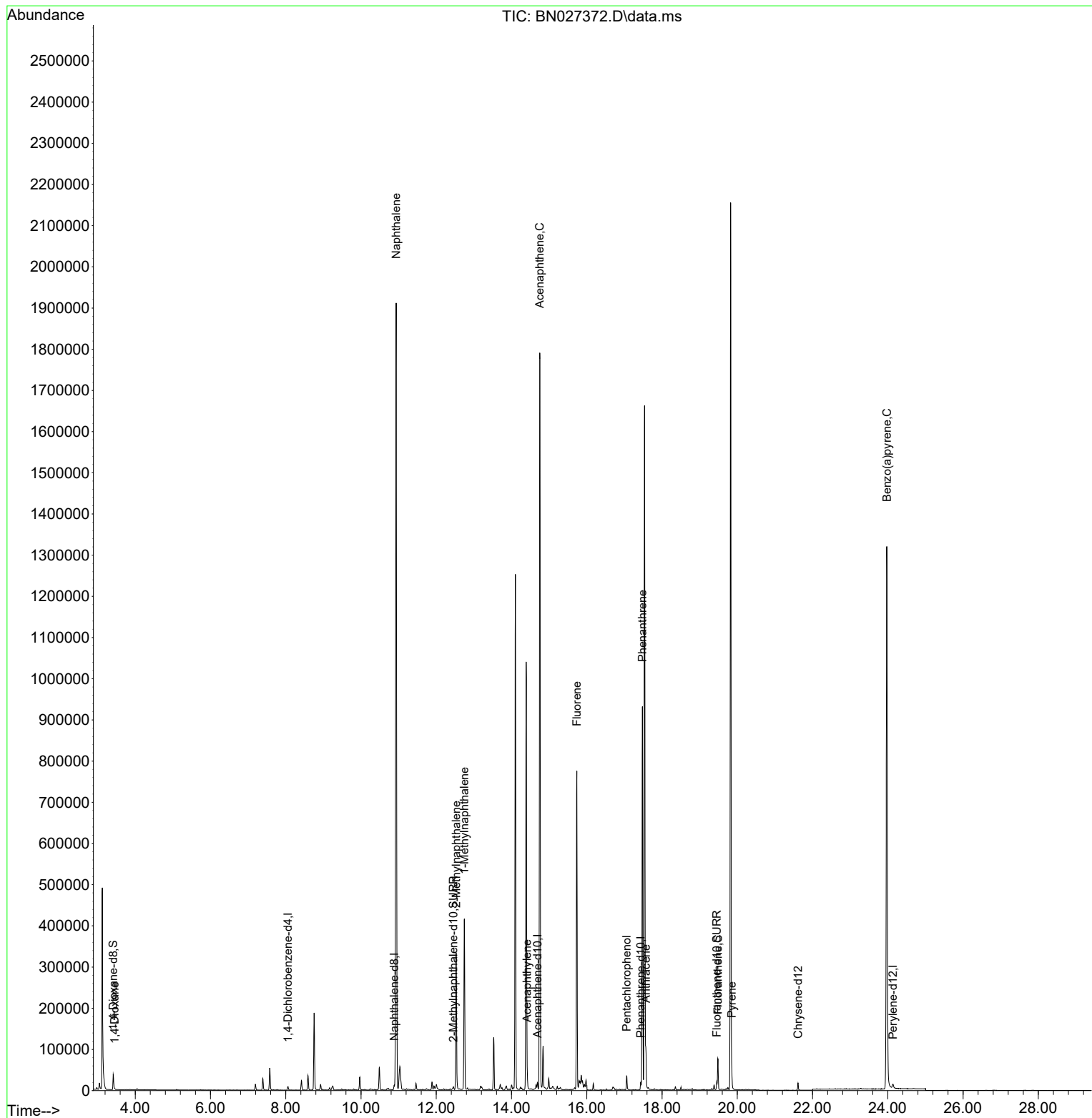
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4287	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	15182	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	9576	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.435	188	21814	0.400	ng/ul	0.00
17) Chrysene-d12	21.612	240	16427	0.400	ng/ul	0.00
23) Perylene-d12	24.135	264	15897	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	25609	4.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	7556	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	20618	0.366	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	316	0.055	ng/ul#	59
5) Naphthalene	10.933	128	2631459	59.752	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	226854	8.235	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	288458	9.826	ng/ul	99
10) Acenaphthylene	14.416	152	31599	0.721	ng/ul	98
11) Acenaphthene	14.749	153	1027383	27.241	ng/ul	97
12) Fluorene	15.735	166	467348	11.058	ng/ul	98
14) Pentachlorophenol	17.059	266	22151	5.208	ng/ul	99
15) Phenanthrene	17.477	178	947556	13.335	ng/ul	99
16) Anthracene	17.570	178	89883	1.591	ng/ul	99
19) Fluoranthene	19.483	202	65787	0.871	ng/ul	98
20) Pyrene	19.850	202	39384	0.512	ng/ul	98
26) Benzo(a)pyrene	23.974	252	7248	0.124	ng/ul#	69

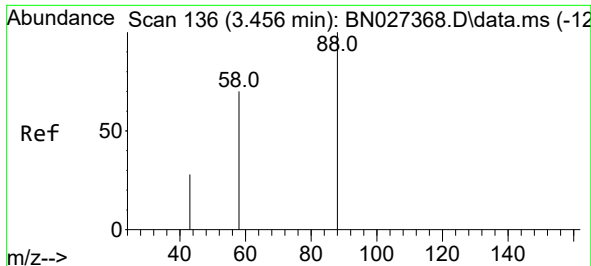
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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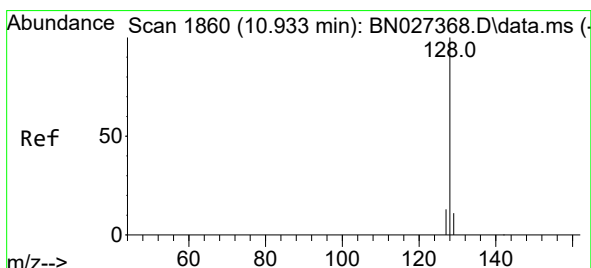
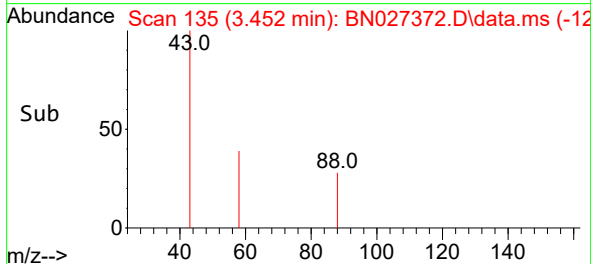
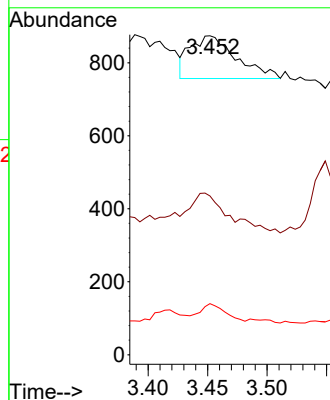
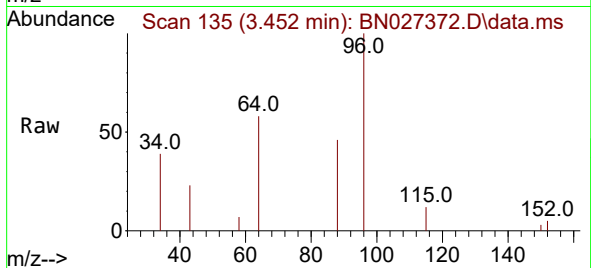




#2
1,4-Dioxane
Concen: 0.055 ng/ul
RT: 3.452 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027372.D
Acq: 05 Sep 2023 13:00

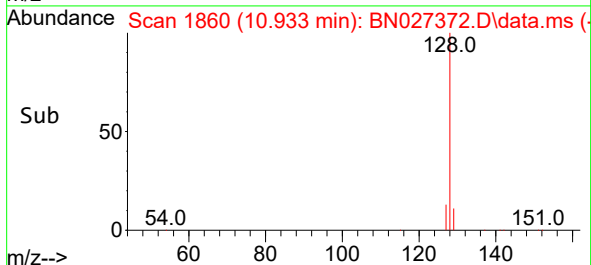
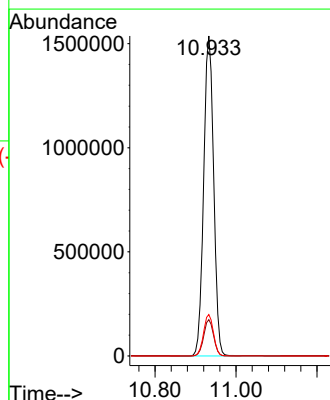
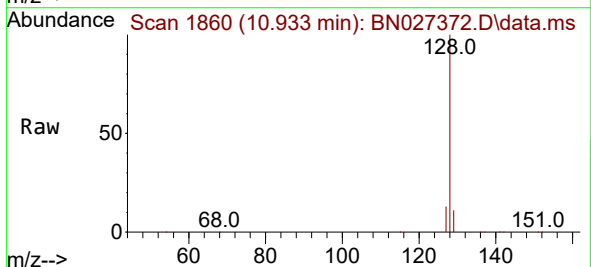
Instrument :
BNA_N
ClientSampleId :
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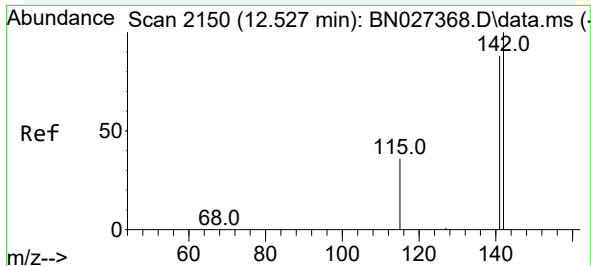
Tgt Ion: 88 Resp: 316
Ion Ratio Lower Upper
88 100
43 49.8 26.8 40.2#
58 16.0 39.9 59.9#



#5
Naphthalene
Concen: 59.752 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BN027372.D
Acq: 05 Sep 2023 13:00

Tgt Ion: 128 Resp: 2631459
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.0 10.6 16.0

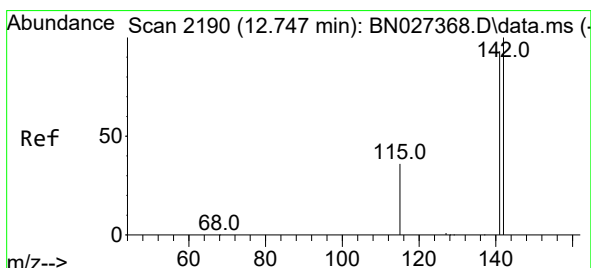
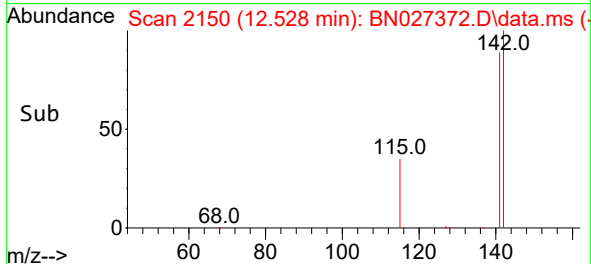
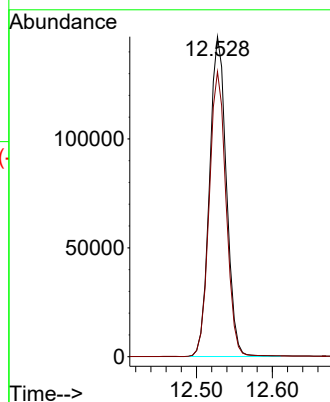
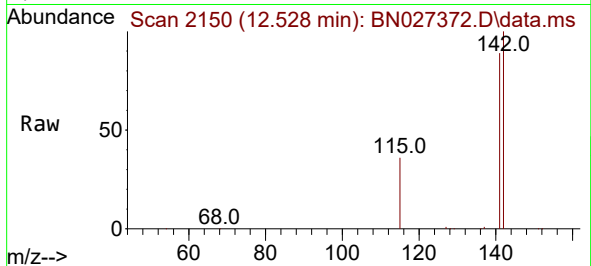




#7
2-Methylnaphthalene
Concen: 8.235 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN027372.D
Acq: 05 Sep 2023 13:00

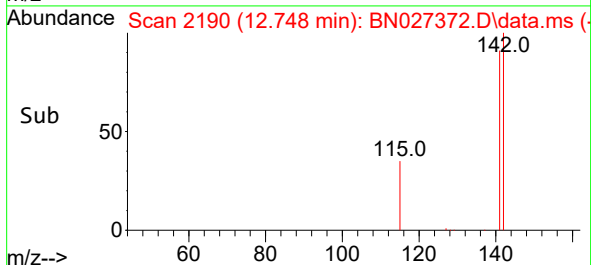
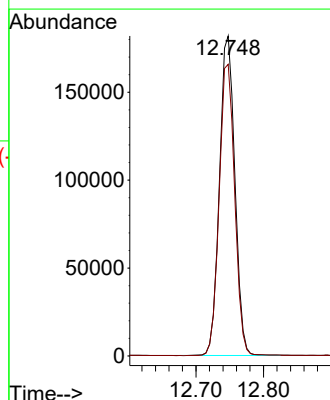
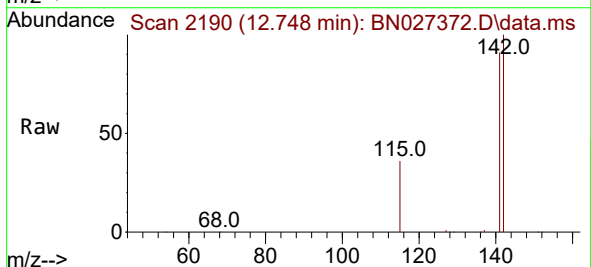
Instrument :
BNA_N
ClientSampleId :
DCHJ7

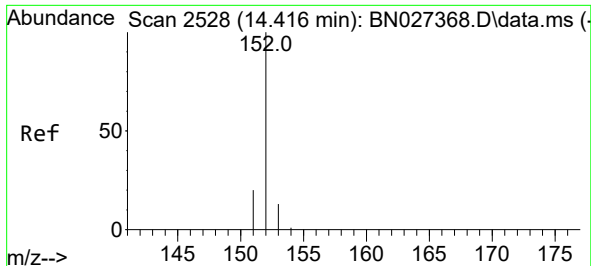
Tgt Ion:142 Resp: 226854
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 9.826 ng/ul
RT: 12.748 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN027372.D
Acq: 05 Sep 2023 13:00

Tgt Ion:142 Resp: 288458
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.4

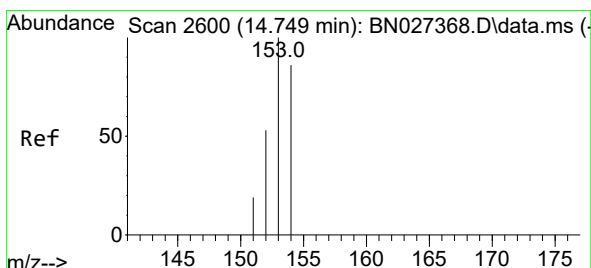
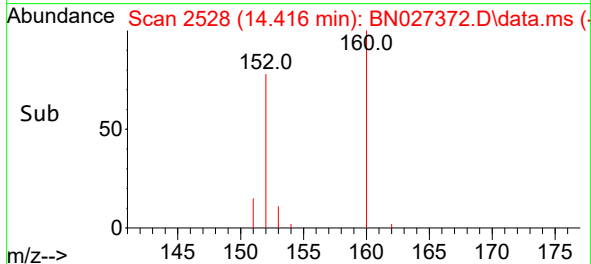
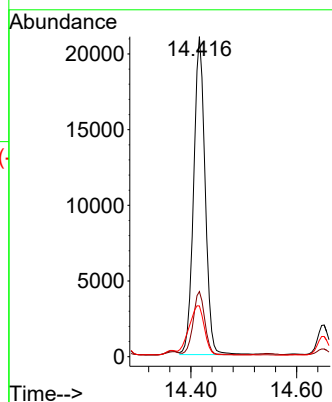
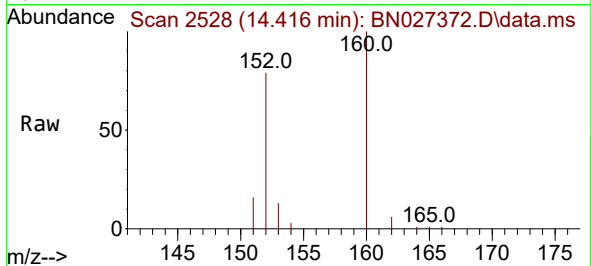




#10
Acenaphthylene
Concen: 0.721 ng/ul
RT: 14.416 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BN027372.D
Acq: 05 Sep 2023 13:00

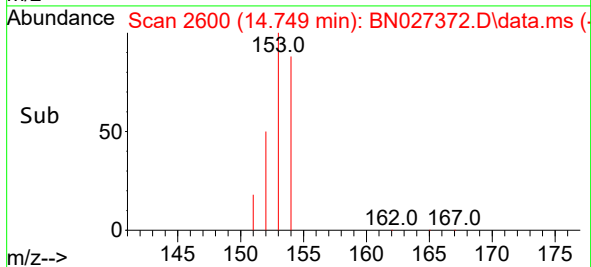
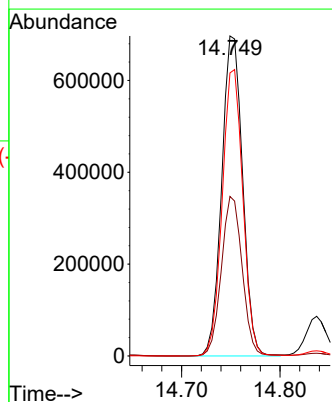
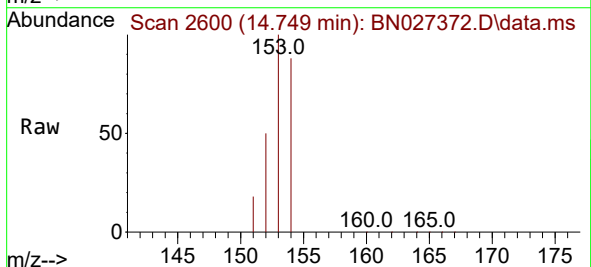
Instrument :
BNA_N
ClientSampleId :
DCHJ7

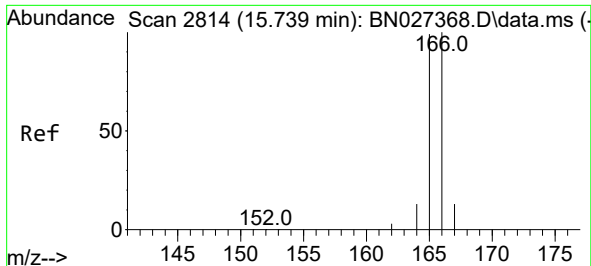
Tgt Ion:152 Resp: 31599
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 15.9 11.1 16.7



#11
Acenaphthene
Concen: 27.241 ng/ul
RT: 14.749 min Scan# 2600
Delta R.T. -0.000 min
Lab File: BN027372.D
Acq: 05 Sep 2023 13:00

Tgt Ion:153 Resp: 1027383
Ion Ratio Lower Upper
153 100
152 49.8 42.9 64.3
154 88.4 69.4 104.0

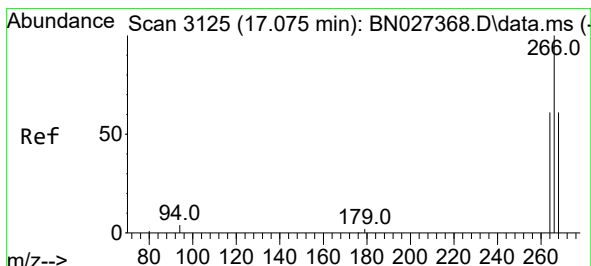
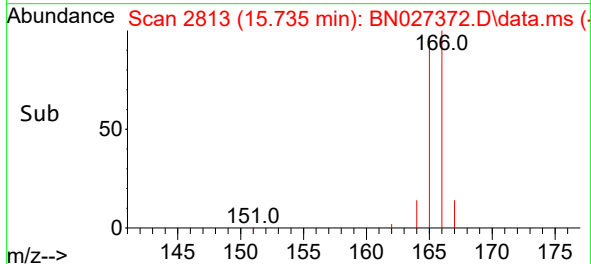
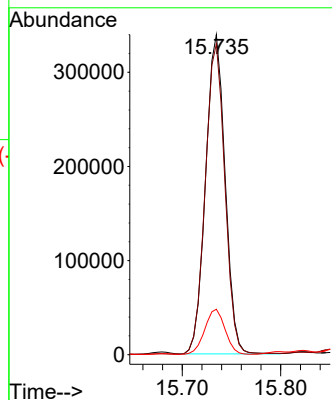
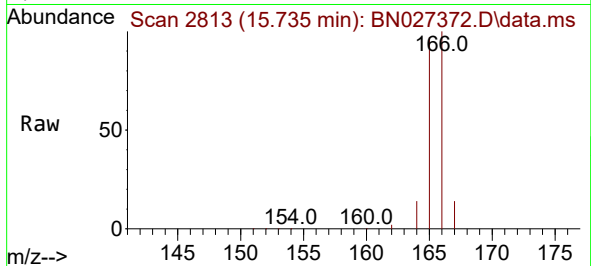




#12
Fluorene
Concen: 11.058 ng/ul
RT: 15.735 min Scan# 2814
Delta R.T. -0.005 min
Lab File: BN027372.D
Acq: 05 Sep 2023 13:00

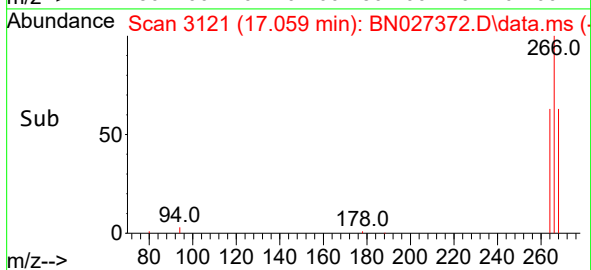
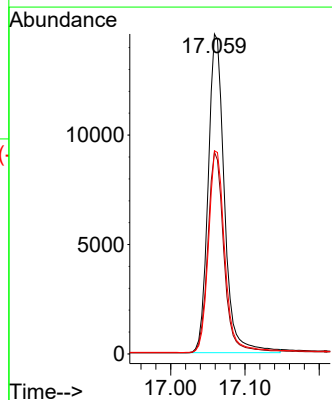
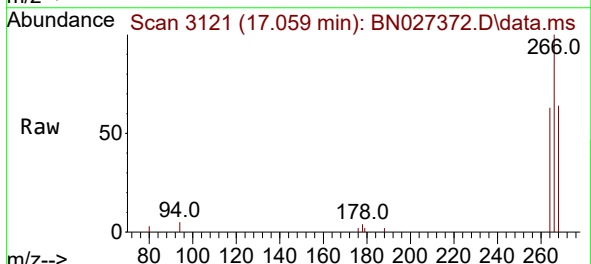
Instrument :
BNA_N
ClientSampleId :
DCHJ7

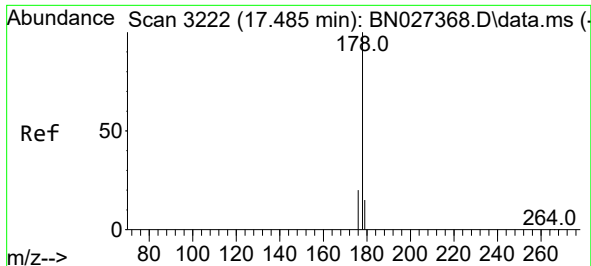
Tgt Ion:166 Resp: 467348
Ion Ratio Lower Upper
166 100
165 97.1 79.6 119.4
167 14.2 11.4 17.0



#14
Pentachlorophenol
Concen: 5.208 ng/ul
RT: 17.059 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN027372.D
Acq: 05 Sep 2023 13:00

Tgt Ion:266 Resp: 22151
Ion Ratio Lower Upper
266 100
264 62.9 50.4 75.6
268 63.8 51.9 77.9

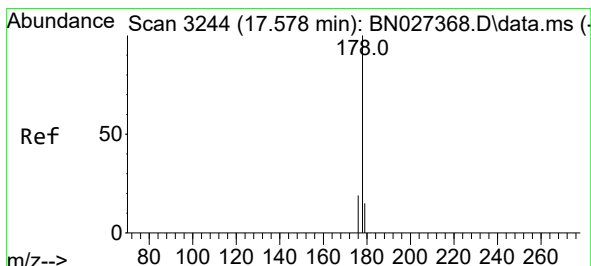
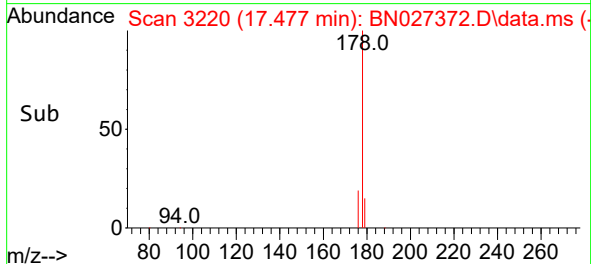
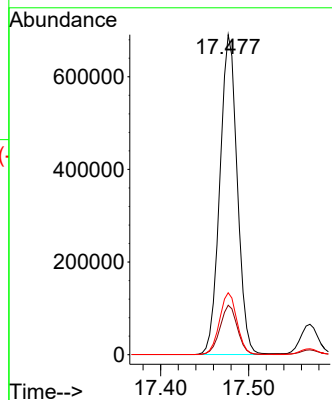
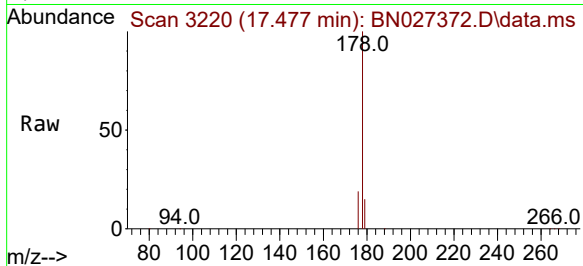




#15
Phenanthrene
Concen: 13.335 ng/ul
RT: 17.477 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027372.D
Acq: 05 Sep 2023 13:00

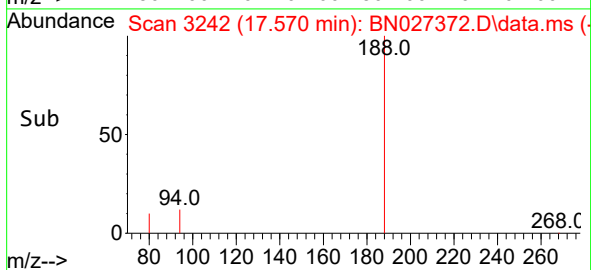
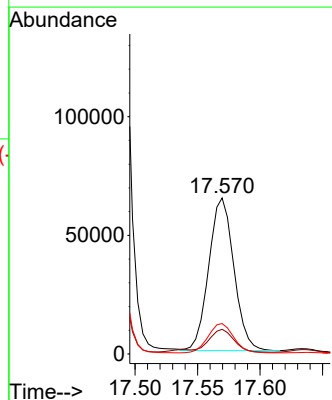
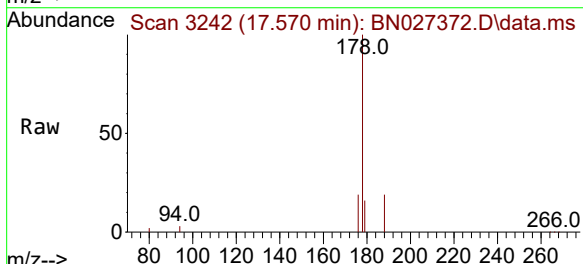
Instrument :
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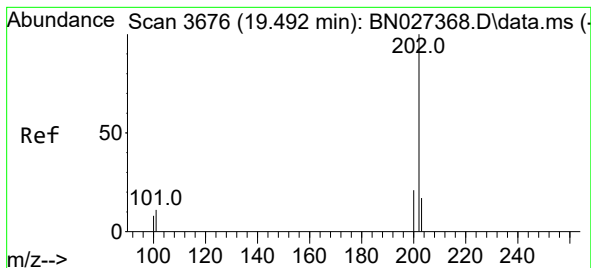
Tgt Ion:178 Resp: 947556
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.8



#16
Anthracene
Concen: 1.591 ng/ul
RT: 17.570 min Scan# 3242
Delta R.T. -0.004 min
Lab File: BN027372.D
Acq: 05 Sep 2023 13:00

Tgt Ion:178 Resp: 89883
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.5 15.6 23.4





#19

Fluoranthene

Concen: 0.871 ng/ul

RT: 19.483 min Scan# 3

Delta R.T. -0.004 min

Lab File: BN027372.D

Acq: 05 Sep 2023 13:00

Instrument :

BNA_N

ClientSampleId :

DCHJ7

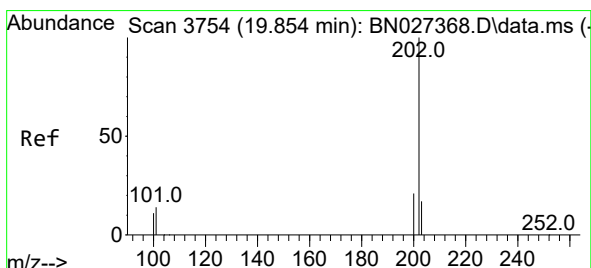
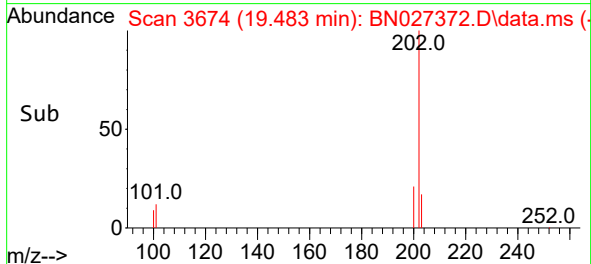
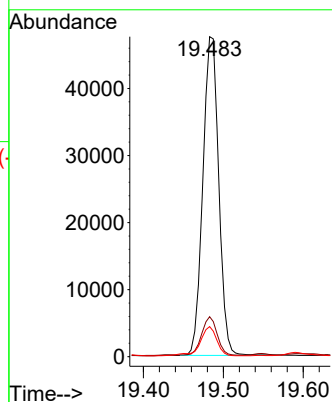
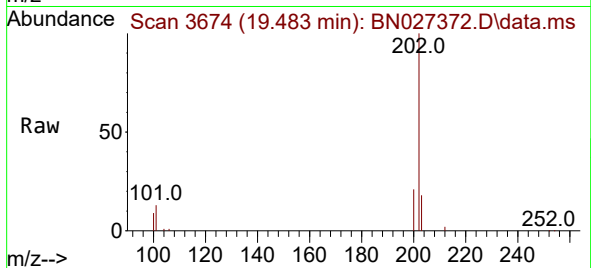
Tgt Ion:202 Resp: 65787

Ion Ratio Lower Upper

202 100

101 12.5 9.4 14.0

100 9.4 6.9 10.3



#20

Pyrene

Concen: 0.512 ng/ul

RT: 19.850 min Scan# 3753

Delta R.T. 0.000 min

Lab File: BN027372.D

Acq: 05 Sep 2023 13:00

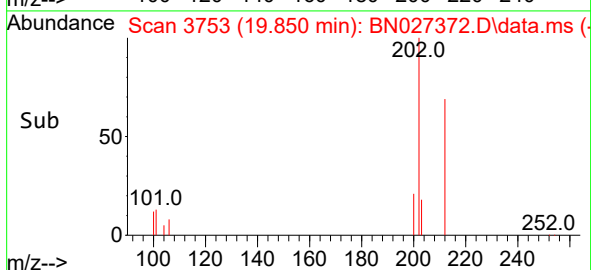
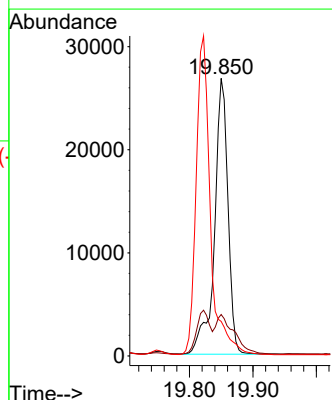
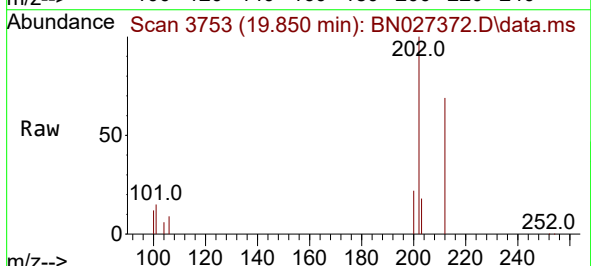
Tgt Ion:202 Resp: 39384

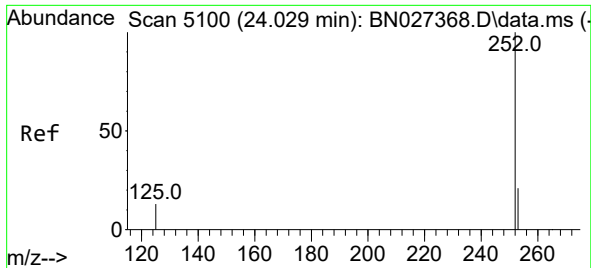
Ion Ratio Lower Upper

202 100

101 15.0 11.4 17.2

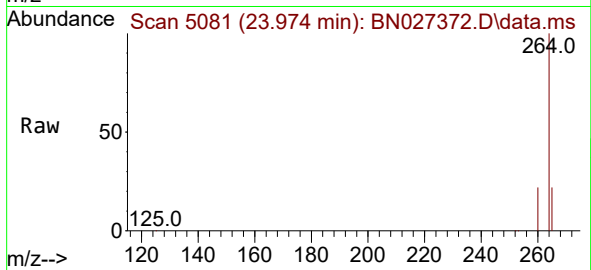
100 12.5 9.4 14.2





#26
Benzo(a)pyrene
Concen: 0.124 ng/ul
RT: 23.974 min Scan# 50
Delta R.T. -0.043 min
Lab File: BN027372.D
Acq: 05 Sep 2023 13:00

Instrument :
BNA_N
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Tgt Ion:252 Resp: 7248
Ion Ratio Lower Upper
252 100
253 41.9 22.4 33.6#
125 39.0 17.4 26.2#

