

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
 Data File : BN033738.D
 Acq On : 03 Sep 2024 13:20
 Operator : MA/JU
 Sample : P3809-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YE3E4

Quant Time: Sep 04 01:40:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 01:39:37 2024
 Response via : Initial Calibration

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

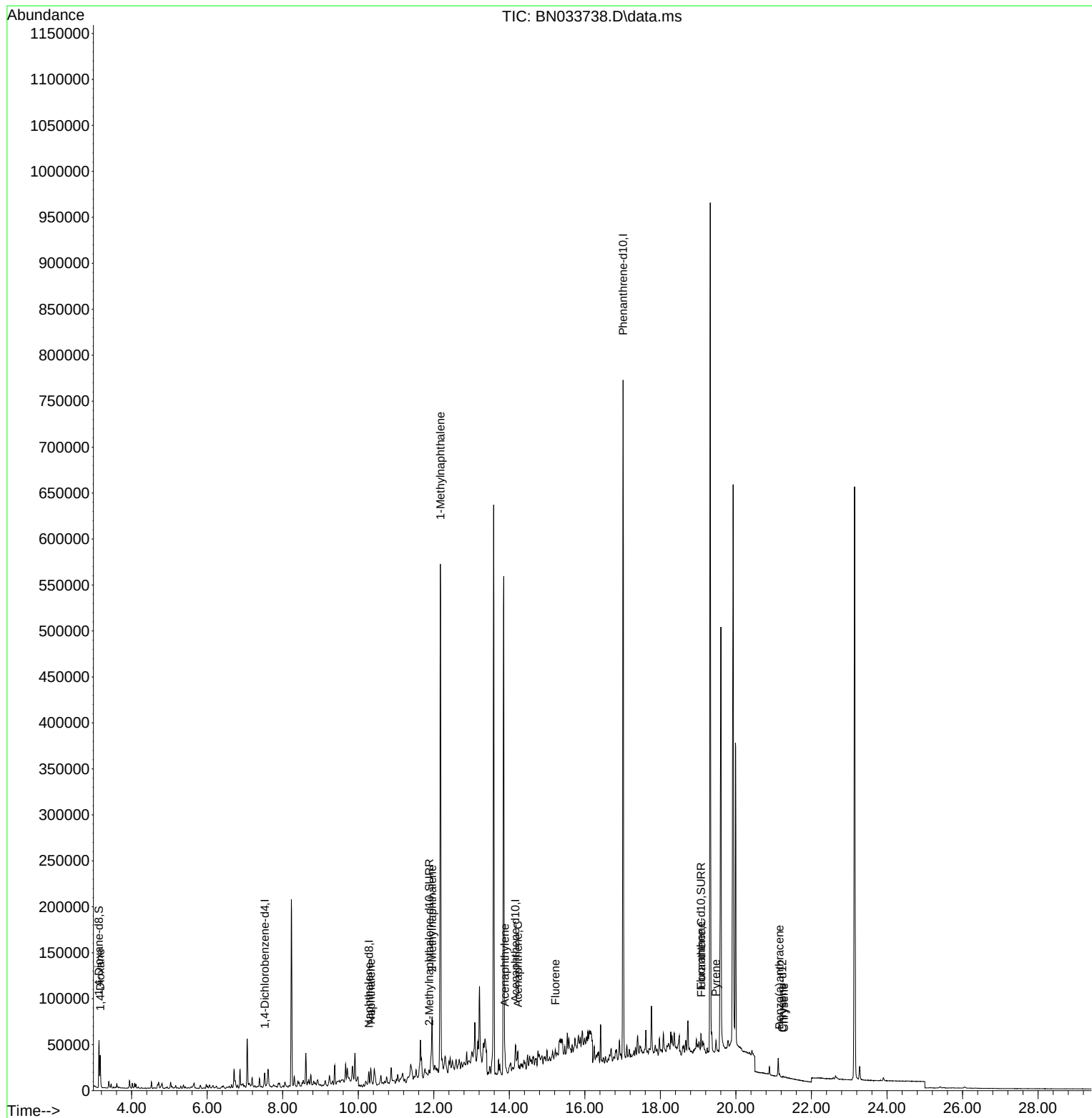
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	6013	0.400	ng/ul	0.00
4) Naphthalene-d8	10.283	136	17028	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.161	164	11133	0.400	ng/ul #	0.00
13) Phenanthrene-d10	17.012	188	816743	0.400	ng/ul #	0.10
17) Chrysene-d12	21.229	240	116	0.400	ng/ul #	0.11
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.27
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	29013	4.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.878	152	6282	0.257	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	17683	51.133	ng/ul	0.12
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	20229	2.949	ng/ul#	85
5) Naphthalene	10.332	128	18663	0.410	ng/ul#	73
7) 2-Methylnaphthalene	11.955	142	41240	1.429	ng/ul	92
8) 1-Methylnaphthalene	12.175	142	360562	12.150	ng/ul	98
10) Acenaphthylene	13.883	152	11242	0.222	ng/ul#	1
11) Acenaphthene	14.225	153	10137	0.278	ng/ul	91
12) Fluorene	15.220	166	4136	0.101	ng/ul#	42
19) Fluoranthene	19.087	202	891	1.947	ng/ul#	1
20) Pyrene	19.473	202	4801	9.881	ng/ul#	8
21) Benzo(a)anthracene	21.156	228	4012	8.785	ng/ul#	10
22) Chrysene	21.273	228	1223	2.651	ng/ul#	1

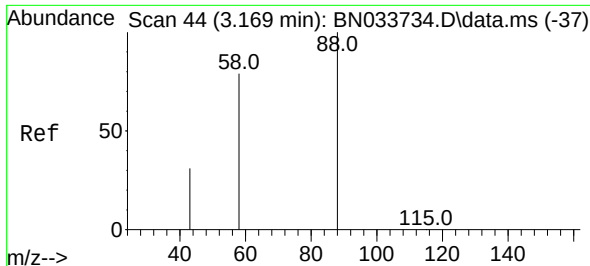
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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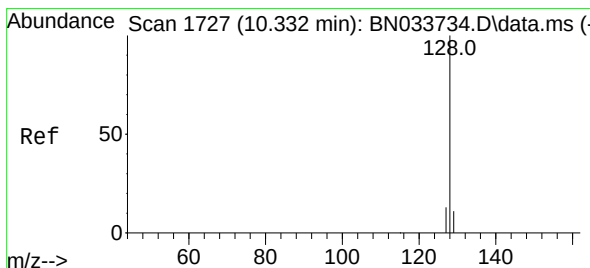
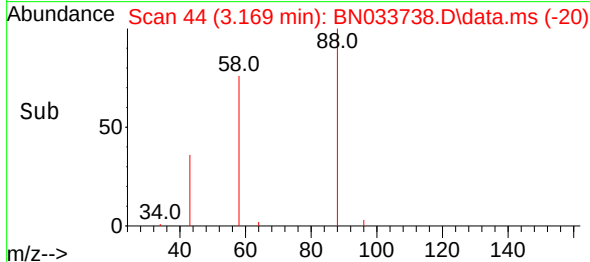
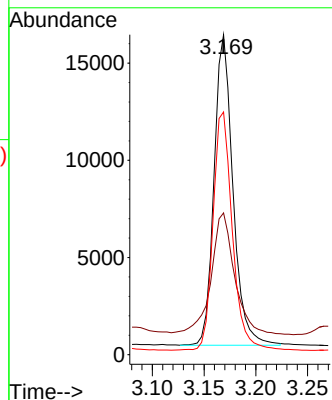
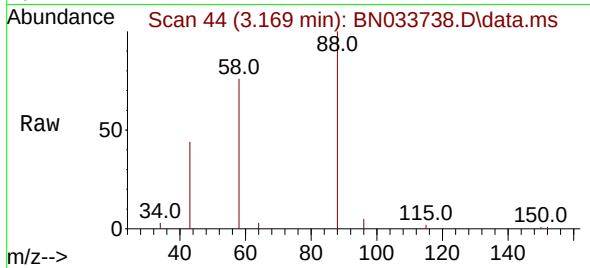




#2
1,4-Dioxane
Concen: 2.949 ng/ul
RT: 3.169 min Scan# 44
Delta R.T. 0.000 min
Lab File: BN033738.D
Acq: 03 Sep 2024 13:20

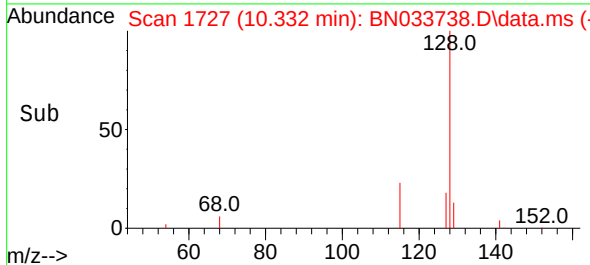
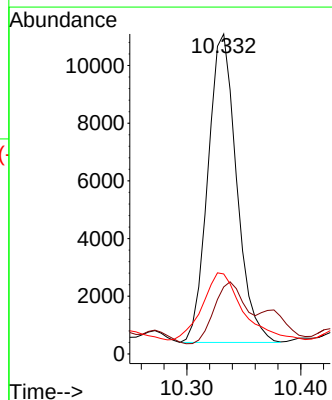
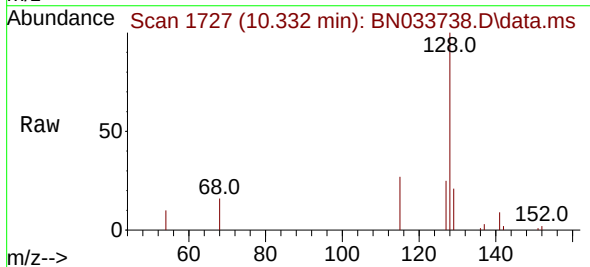
Instrument :
BNA_N
ClientSampleId :
YE3E4

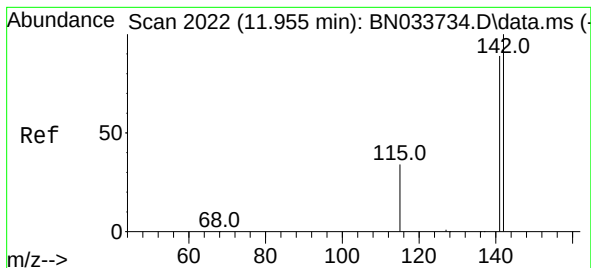
Tgt Ion: 88 Resp: 20229
Ion Ratio Lower Upper
88 100
43 44.3 47.0 70.4#
58 75.9 53.0 79.4



#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.332 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BN033738.D
Acq: 03 Sep 2024 13:20

Tgt Ion:128 Resp: 18663
Ion Ratio Lower Upper
128 100
129 20.9 9.3 13.9#
127 25.0 10.8 16.2#

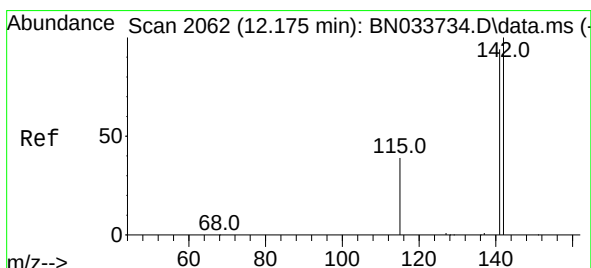
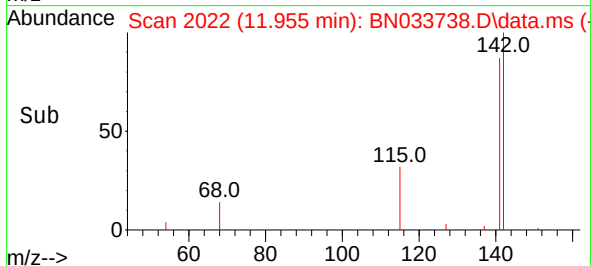
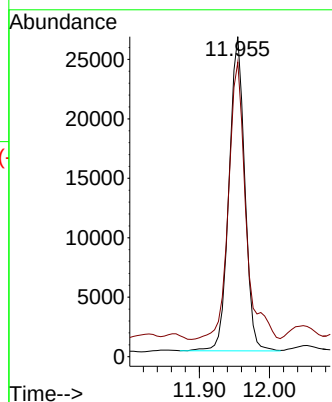
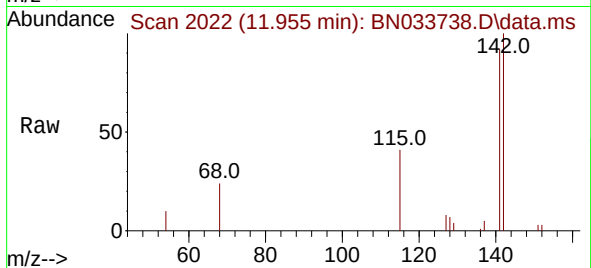




#7
2-Methylnaphthalene
Concen: 1.429 ng/ul
RT: 11.955 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BN033738.D
Acq: 03 Sep 2024 13:20

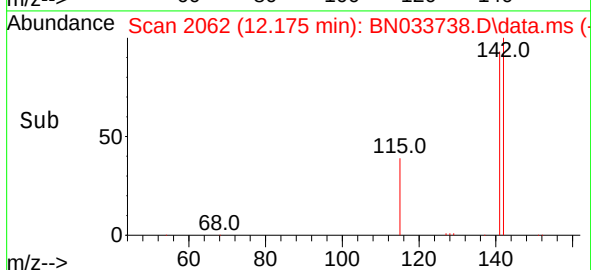
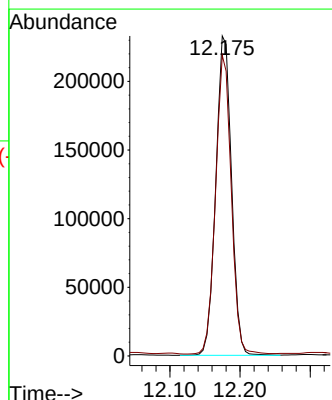
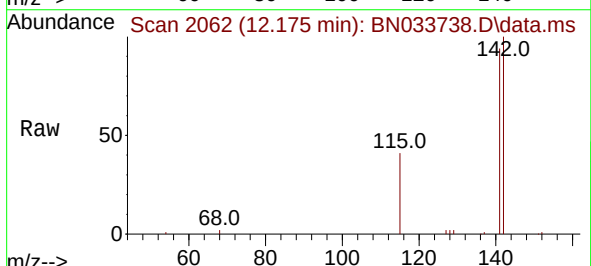
Instrument :
BNA_N
ClientSampleId :
YE3E4

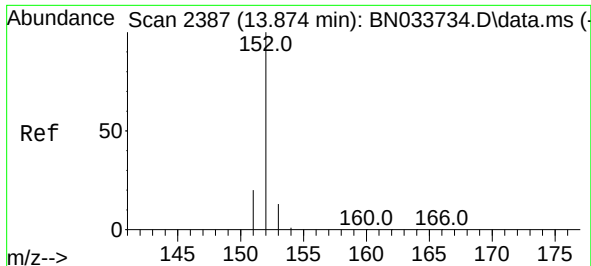
Tgt Ion:142 Resp: 41240
Ion Ratio Lower Upper
142 100
141 96.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 12.150 ng/ul
RT: 12.175 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN033738.D
Acq: 03 Sep 2024 13:20

Tgt Ion:142 Resp: 360562
Ion Ratio Lower Upper
142 100
141 93.5 73.6 110.4





#10

Acenaphthylene

Concen: 0.222 ng/ul

RT: 13.883 min Scan# 2389

Delta R.T. 0.009 min

Lab File: BN033738.D

Acq: 03 Sep 2024 13:20

Instrument :

BNA_N

ClientSampleId :

YE3E4

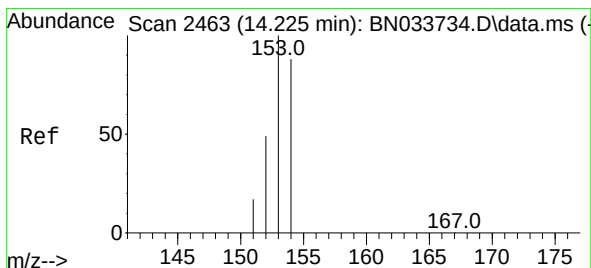
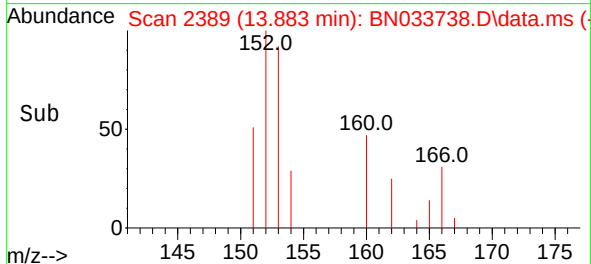
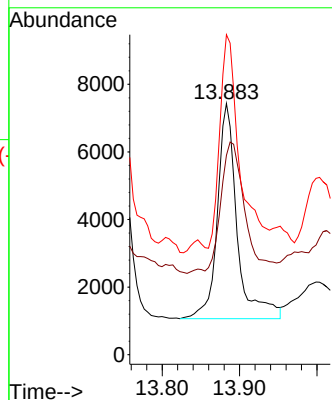
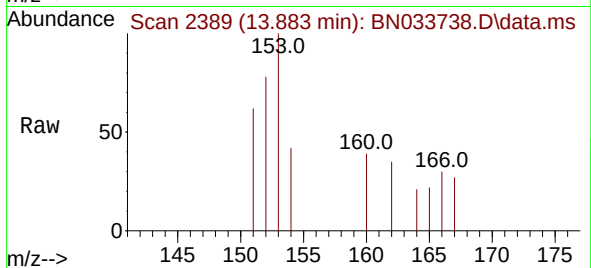
Tgt Ion:152 Resp: 11242

Ion Ratio Lower Upper

152 100

151 79.4 16.2 24.4#

153 127.4 10.8 16.2#



#11

Acenaphthene

Concen: 0.278 ng/ul

RT: 14.225 min Scan# 2463

Delta R.T. 0.000 min

Lab File: BN033738.D

Acq: 03 Sep 2024 13:20

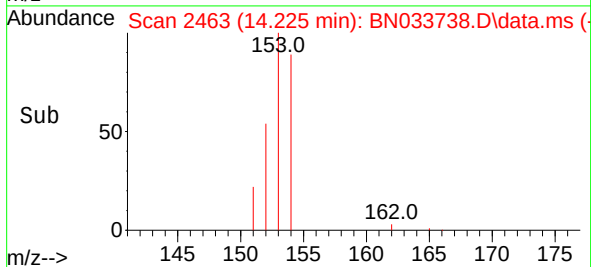
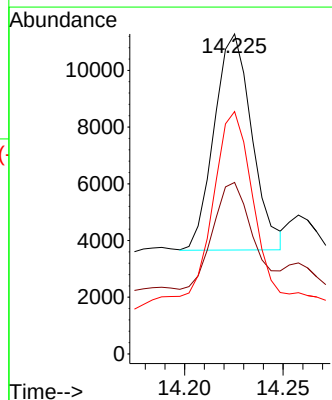
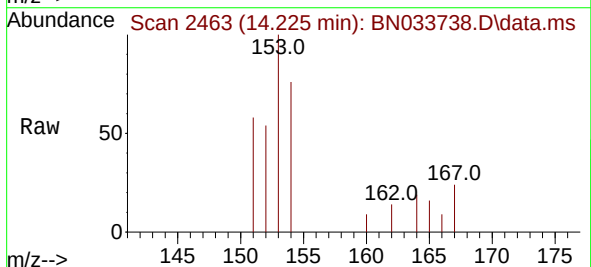
Tgt Ion:153 Resp: 10137

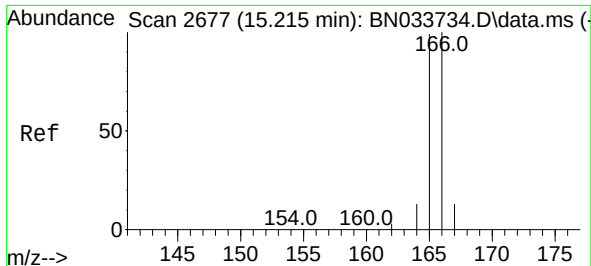
Ion Ratio Lower Upper

153 100

152 53.6 39.8 59.8

154 75.8 69.0 103.6





#12

Fluorene

Concen: 0.101 ng/ul

RT: 15.220 min Scan# 2

Delta R.T. 0.005 min

Lab File: BN033738.D

Acq: 03 Sep 2024 13:20

Instrument :

BNA_N

ClientSampleId :

YE3E4

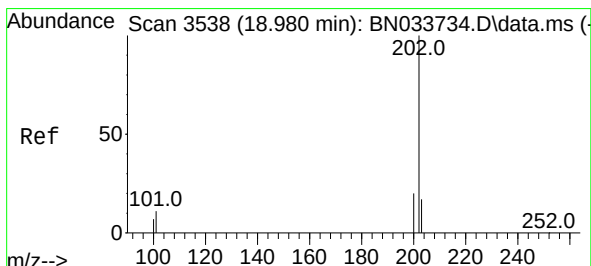
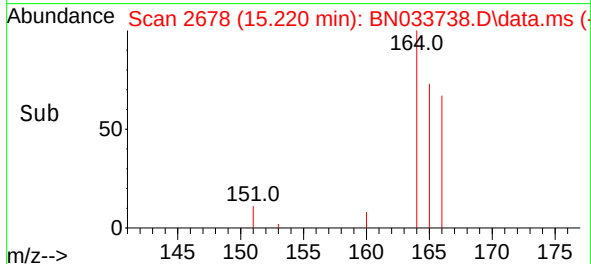
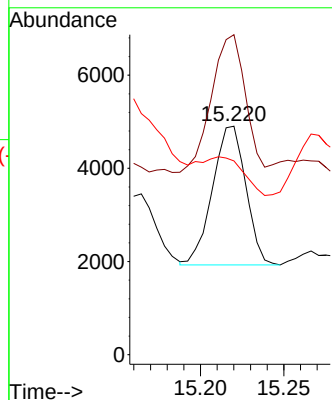
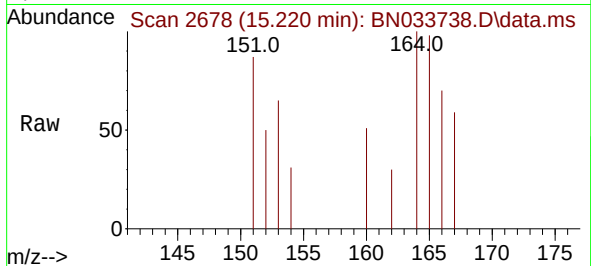
Tgt Ion:166 Resp: 4136

Ion Ratio Lower Upper

166 100

165 140.0 79.1 118.7#

167 84.8 11.4 17.0#



#19

Fluoranthene

Concen: 1.947 ng/ul

RT: 19.087 min Scan# 3561

Delta R.T. 0.107 min

Lab File: BN033738.D

Acq: 03 Sep 2024 13:20

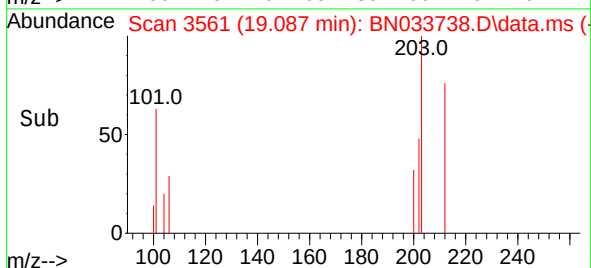
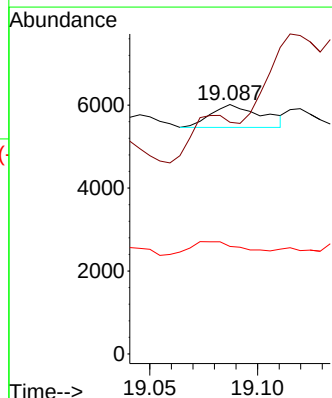
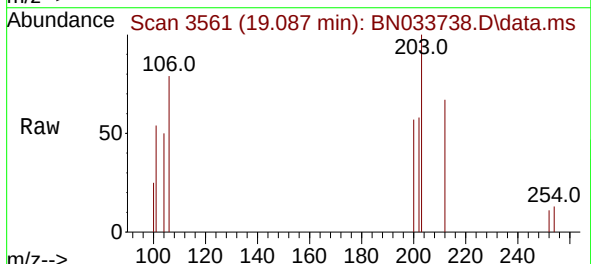
Tgt Ion:202 Resp: 891

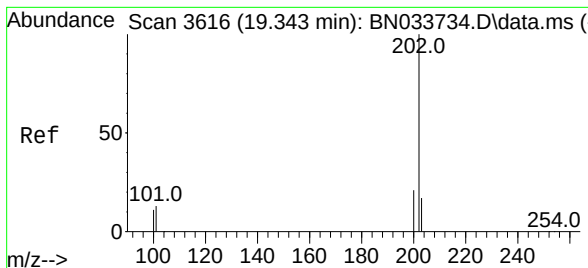
Ion Ratio Lower Upper

202 100

101 92.9 9.0 13.4#

100 43.1 6.7 10.1#





#20

Pyrene

Concen: 9.881 ng/ul

RT: 19.473 min Scan# 3644

Delta R.T. 0.130 min

Lab File: BN033738.D

Acq: 03 Sep 2024 13:20

Instrument :

BNA_N

ClientSampleId :

YE3E4

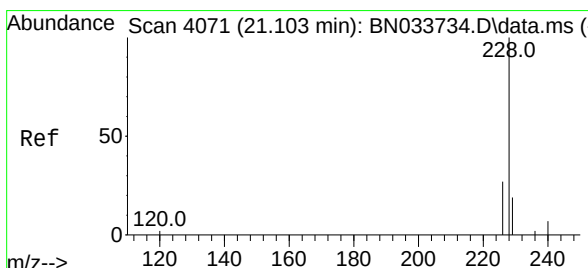
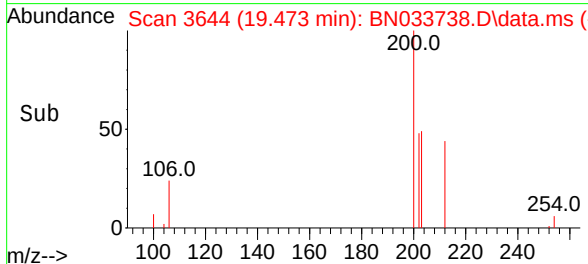
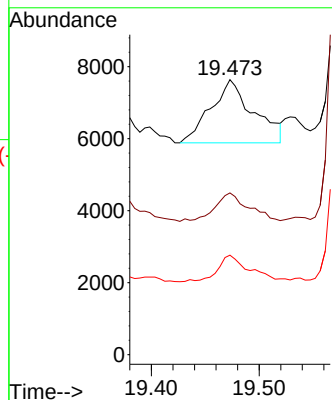
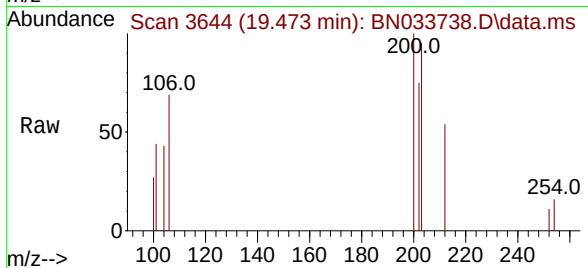
Tgt Ion:202 Resp: 4801

Ion Ratio Lower Upper

202 100

101 58.8 10.8 16.2#

100 36.2 8.7 13.1#



#21

Benzo(a)anthracene

Concen: 8.785 ng/ul

RT: 21.156 min Scan# 4089

Delta R.T. 0.053 min

Lab File: BN033738.D

Acq: 03 Sep 2024 13:20

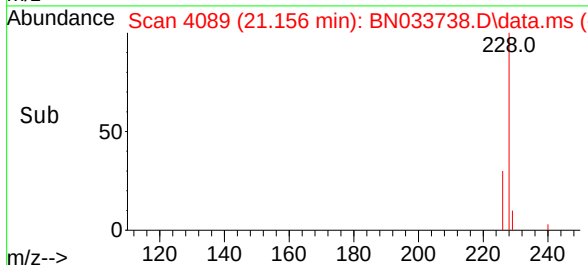
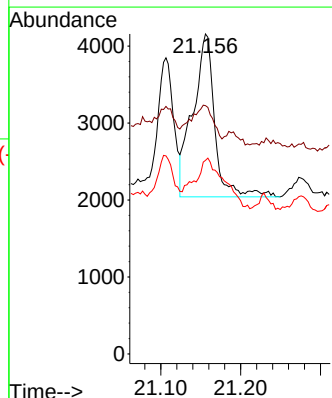
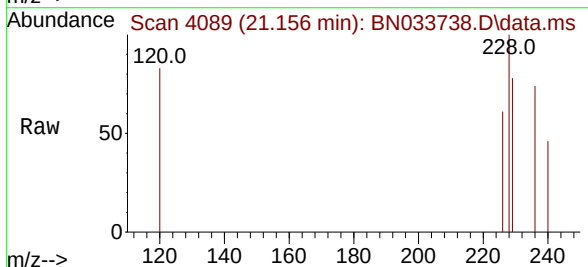
Tgt Ion:228 Resp: 4012

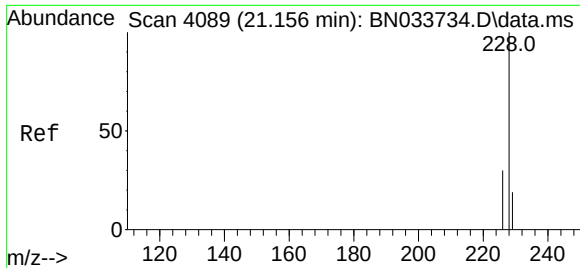
Ion Ratio Lower Upper

228 100

229 77.6 15.4 23.2#

226 60.5 22.1 33.1#





#22

Chrysene

Concen: 2.651 ng/ul

RT: 21.273 min Scan# 41

Delta R.T. 0.117 min

Lab File: BN033738.D

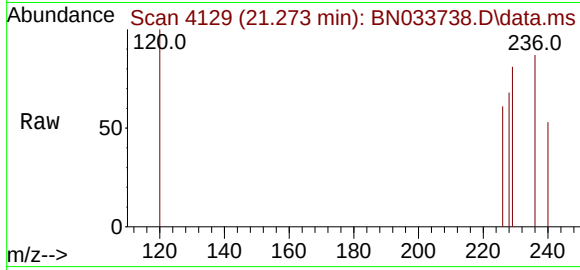
Acq: 03 Sep 2024 13:20

Instrument :

BNA_N

ClientSampleId :

YE3E4



Tgt Ion:228 Resp: 1223

Ion Ratio Lower Upper

228 100

226 89.0 24.2 36.2#

229 118.8 15.6 23.4#

