

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090324\
 Data File : BN033737.D
 Acq On : 03 Sep 2024 12:44
 Operator : MA/JU
 Sample : P3809-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YE3E1

Quant Time: Sep 04 01:40:35 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)

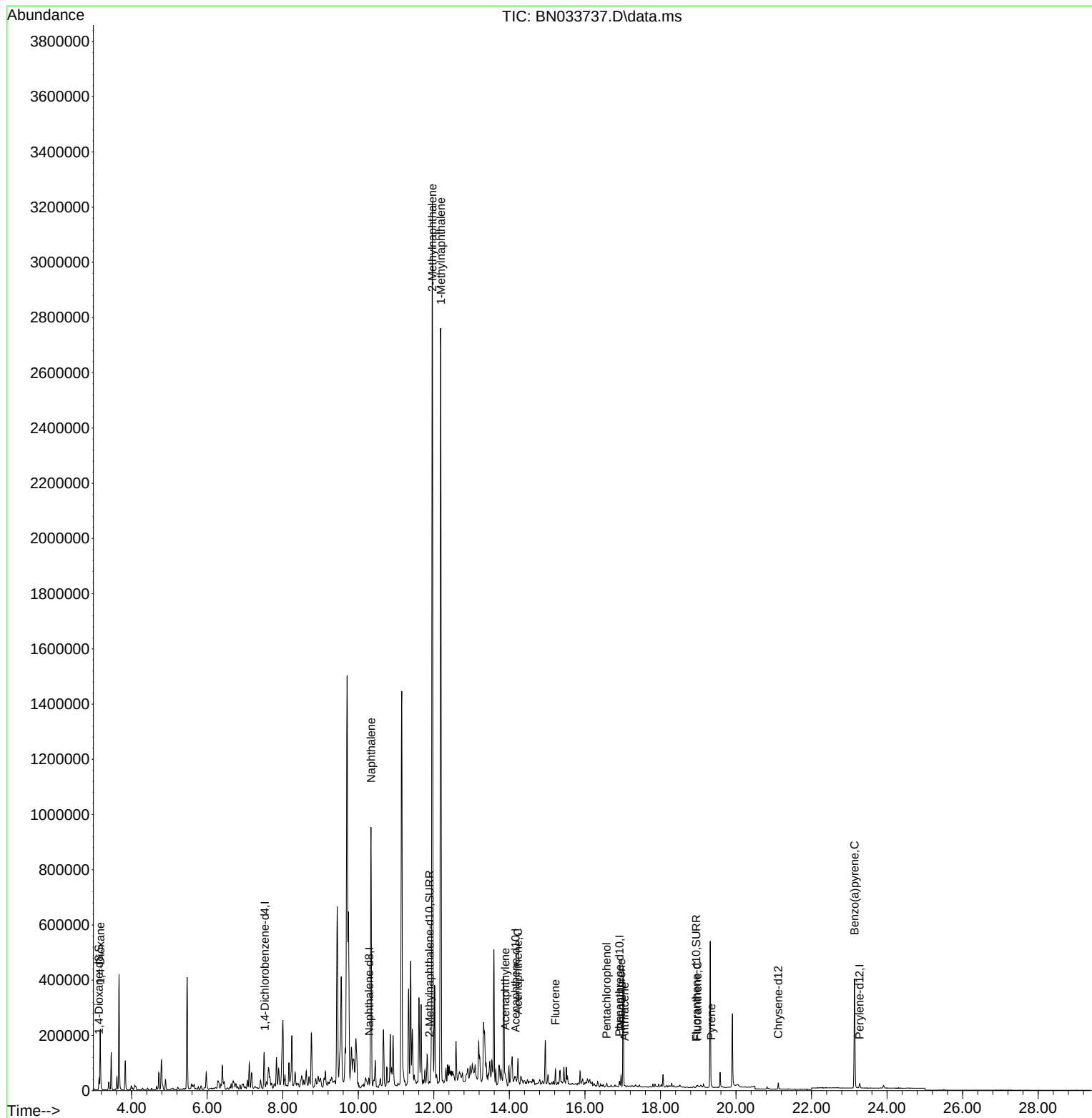
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	6071	0.400	ng/ul	0.00
4) Naphthalene-d8	10.288	136	18290	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.165	164	11902	0.400	ng/ul #	0.00
13) Phenanthrene-d10	16.915	188	22528	0.400	ng/ul #	0.00
17) Chrysene-d12	21.121	240	18276	0.400	ng/ul #	0.00
23) Perylene-d12	23.275	264	21110	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	24297	3.893	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.883	152	2810	0.107	ng/ul	0.00
18) Fluoranthene-d10	18.952	212	6543	0.120	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	131846	19.038	ng/ul#	77
5) Naphthalene	10.338	128	1210756	24.753	ng/ul	99
7) 2-Methylnaphthalene	11.960	142	2258396	72.873	ng/ul	100
8) 1-Methylnaphthalene	12.186	142	1868567	58.623	ng/ul	100
10) Acenaphthylene	13.892	152	22733	0.421	ng/ul#	1
11) Acenaphthene	14.225	153	40776	1.045	ng/ul	99
12) Fluorene	15.220	166	31076	0.713	ng/ul#	96
14) Pentachlorophenol	16.577	266	7144	1.008	ng/ul	98
15) Phenanthrene	16.957	178	43415	0.653	ng/ul#	88
16) Anthracene	17.050	178	2971	0.050	ng/ul#	1
19) Fluoranthene	18.980	202	7360	0.102	ng/ul#	28
20) Pyrene	19.347	202	7480	0.098	ng/ul#	38
26) Benzo(a)pyrene	23.137	252	2090	0.032	ng/ul#	1

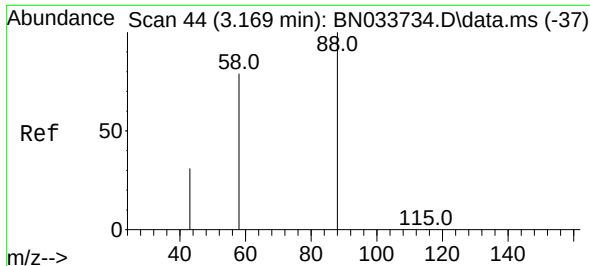
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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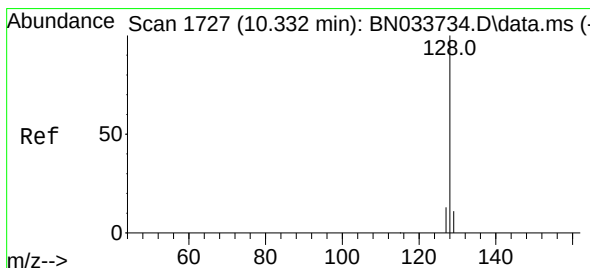
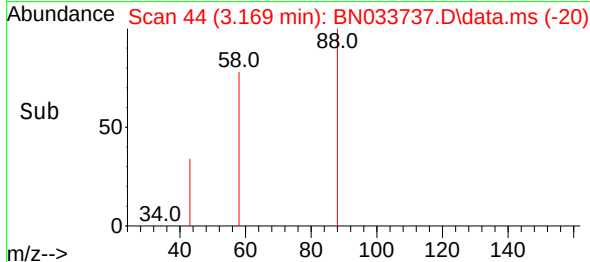
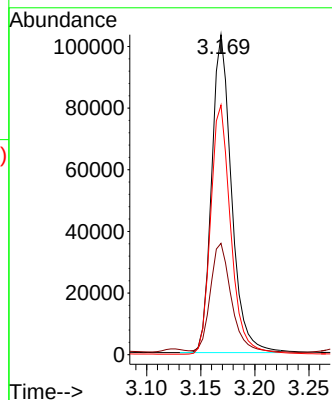
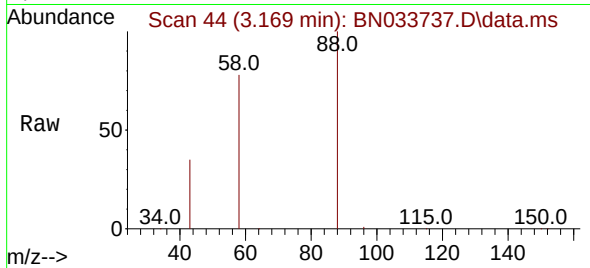




#2
1,4-Dioxane
Concen: 19.038 ng/ul
RT: 3.169 min Scan# 44
Delta R.T. -0.000 min
Lab File: BN033737.D
Acq: 03 Sep 2024 12:44

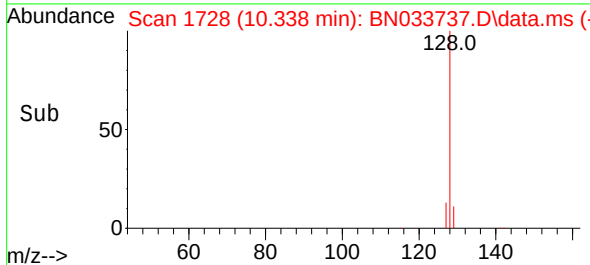
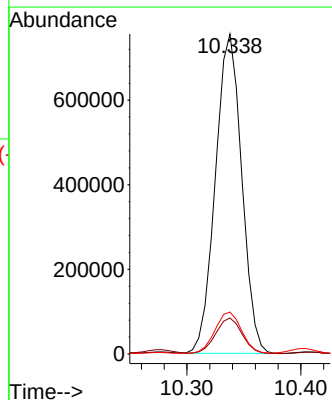
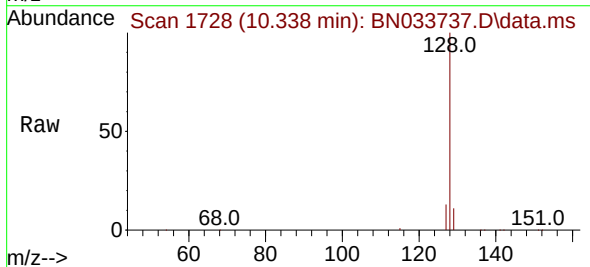
Instrument :
BNA_N
ClientSampleId :
YE3E1

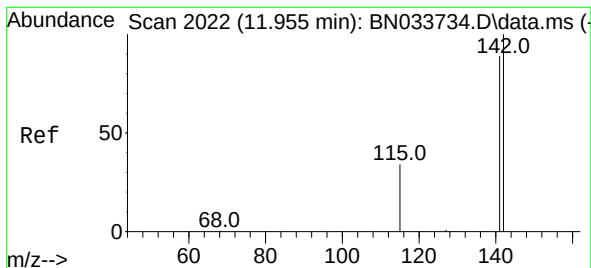
Tgt Ion: 88 Resp: 131846
Ion Ratio Lower Upper
88 100
43 34.8 47.0 70.4#
58 78.0 53.0 79.4



#5
Naphthalene
Concen: 24.753 ng/ul
RT: 10.338 min Scan# 1728
Delta R.T. 0.005 min
Lab File: BN033737.D
Acq: 03 Sep 2024 12:44

Tgt Ion:128 Resp: 1210756
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.1 10.8 16.2

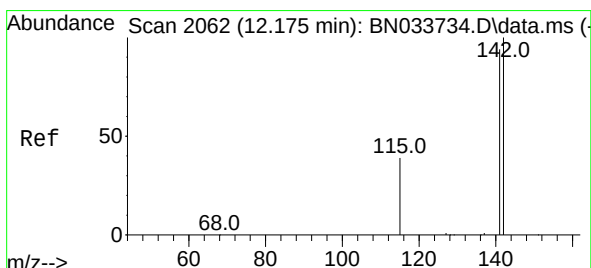
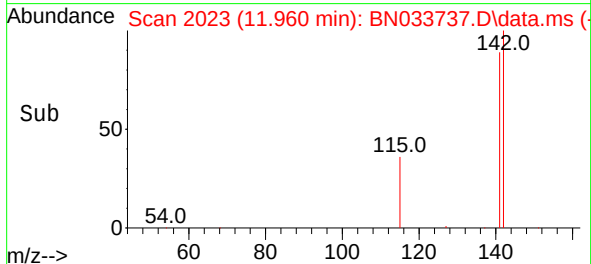
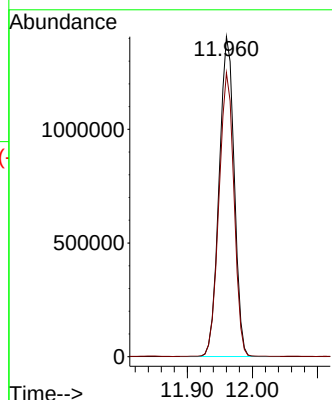
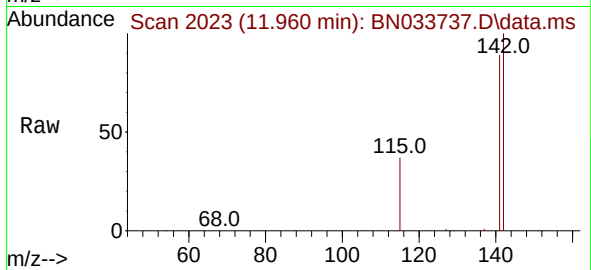




#7
2-Methylnaphthalene
Concen: 72.873 ng/ul
RT: 11.960 min Scan# 2023
Delta R.T. 0.005 min
Lab File: BN033737.D
Acq: 03 Sep 2024 12:44

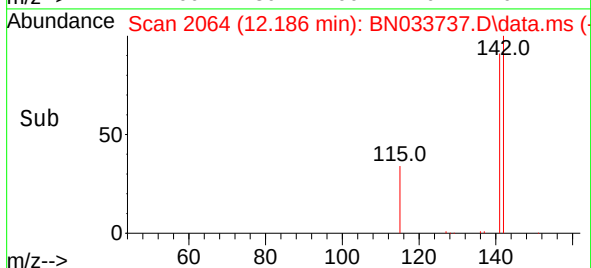
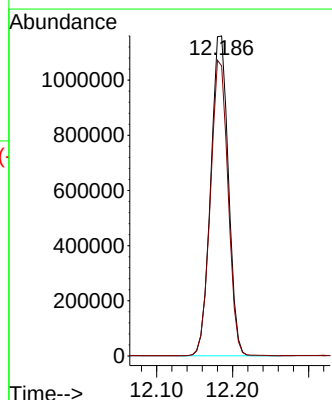
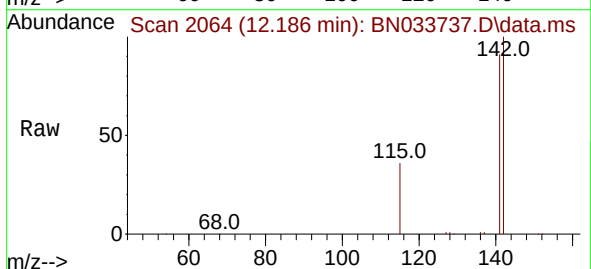
Instrument :
BNA_N
ClientSampleId :
YE3E1

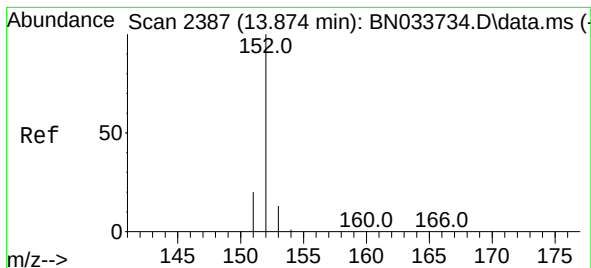
Tgt Ion:142 Resp: 2258396
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7



#8
1-Methylnaphthalene
Concen: 58.623 ng/ul
RT: 12.186 min Scan# 2064
Delta R.T. 0.011 min
Lab File: BN033737.D
Acq: 03 Sep 2024 12:44

Tgt Ion:142 Resp: 1868567
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4





#10

Acenaphthylene

Concen: 0.421 ng/ul

RT: 13.892 min Scan# 2391

Delta R.T. 0.018 min

Lab File: BN033737.D

Acq: 03 Sep 2024 12:44

Instrument :

BNA_N

ClientSampleId :

YE3E1

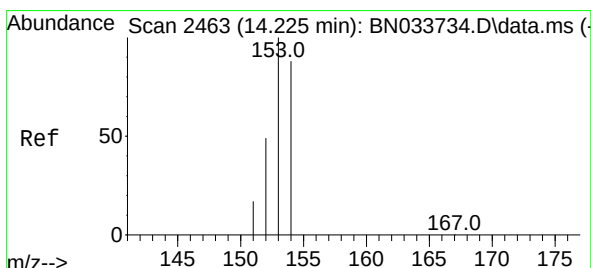
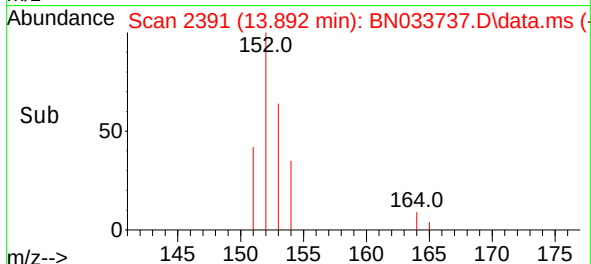
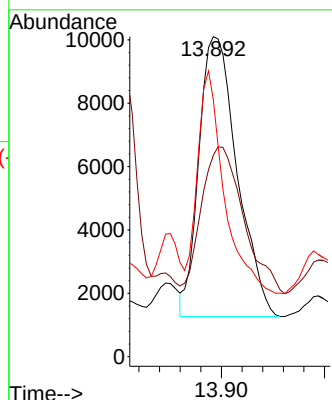
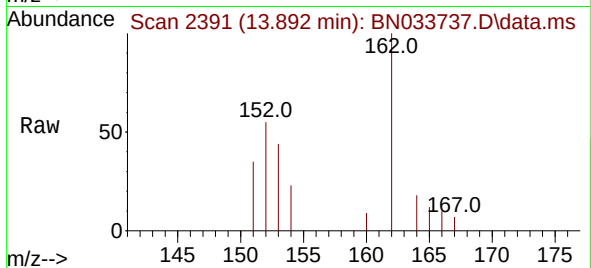
Tgt Ion:152 Resp: 22733

Ion Ratio Lower Upper

152 100

151 62.9 16.2 24.4#

153 80.3 10.8 16.2#



#11

Acenaphthene

Concen: 1.045 ng/ul

RT: 14.225 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BN033737.D

Acq: 03 Sep 2024 12:44

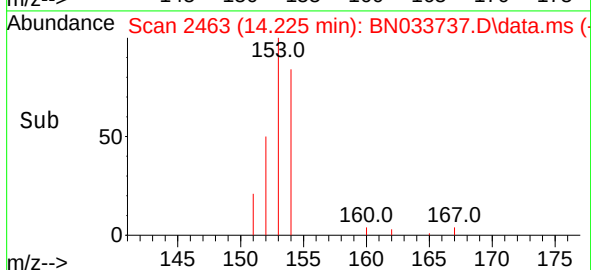
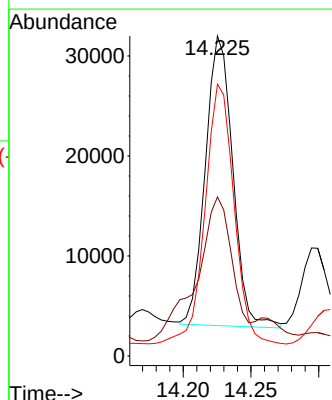
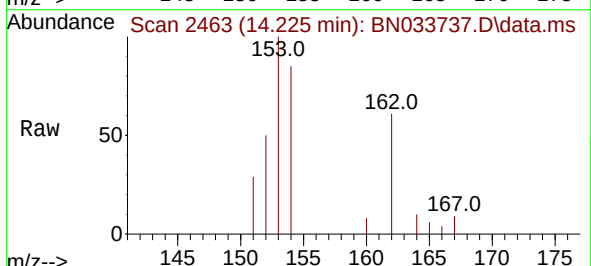
Tgt Ion:153 Resp: 40776

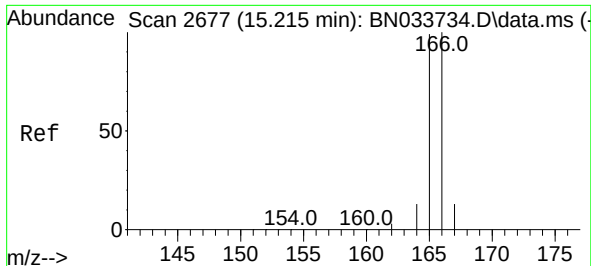
Ion Ratio Lower Upper

153 100

152 49.7 39.8 59.8

154 85.0 69.0 103.6

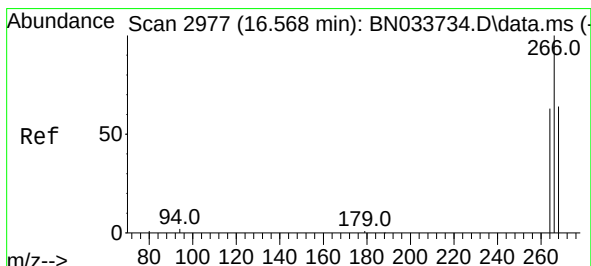
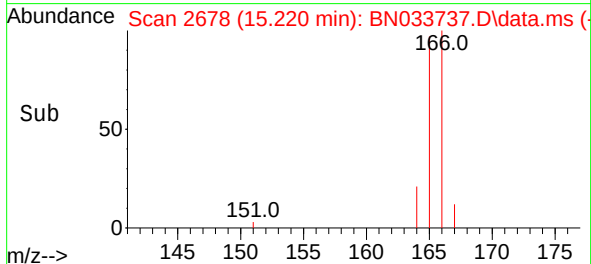
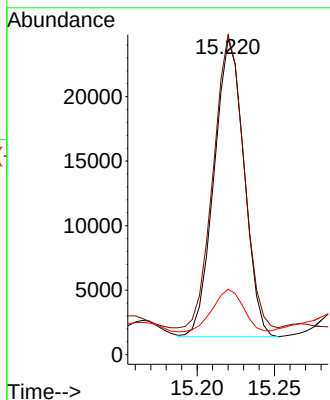
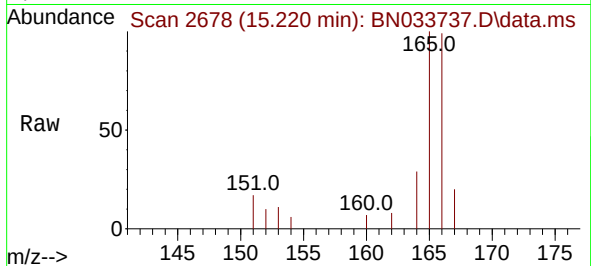




#12
 Fluorene
 Concen: 0.713 ng/ul
 RT: 15.220 min Scan# 2678
 Delta R.T. 0.005 min
 Lab File: BN033737.D
 Acq: 03 Sep 2024 12:44

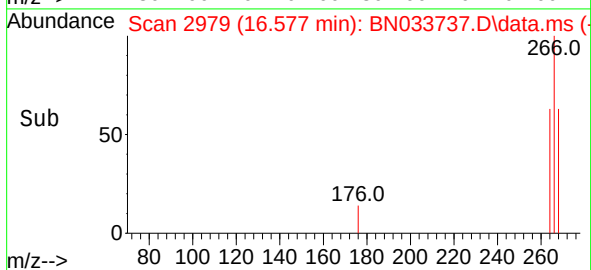
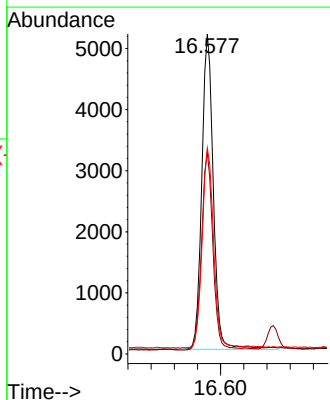
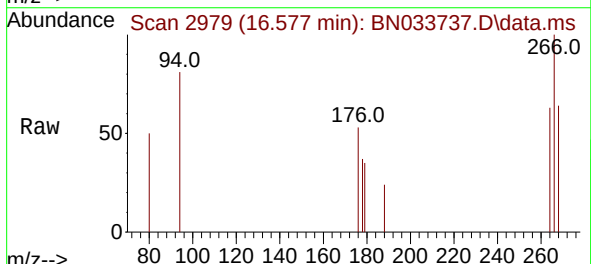
Instrument :
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 YE3E1

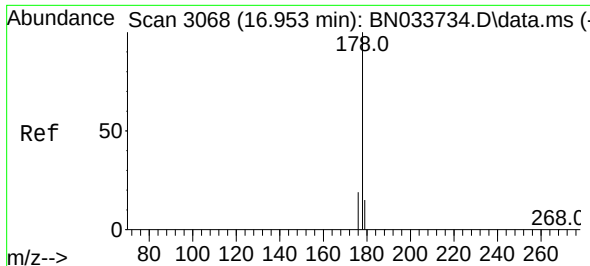
Tgt Ion:166 Resp: 31076
 Ion Ratio Lower Upper
 166 100
 165 101.4 79.1 118.7
 167 20.7 11.4 17.0#



#14
 Pentachlorophenol
 Concen: 1.008 ng/ul
 RT: 16.577 min Scan# 2979
 Delta R.T. 0.008 min
 Lab File: BN033737.D
 Acq: 03 Sep 2024 12:44

Tgt Ion:266 Resp: 7144
 Ion Ratio Lower Upper
 266 100
 264 62.0 50.3 75.5
 268 63.2 51.7 77.5





#15

Phenanthrene

Concen: 0.653 ng/ul

RT: 16.957 min Scan# 3068

Delta R.T. 0.004 min

Lab File: BN033737.D

Acq: 03 Sep 2024 12:44

Instrument :

BNA_N

ClientSampleId :

YE3E1

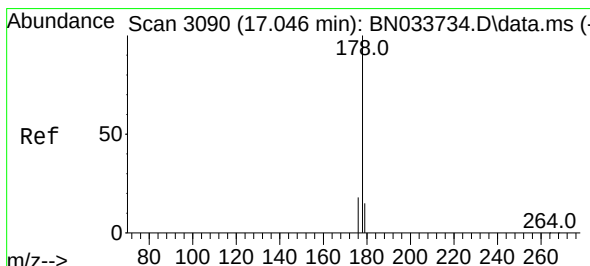
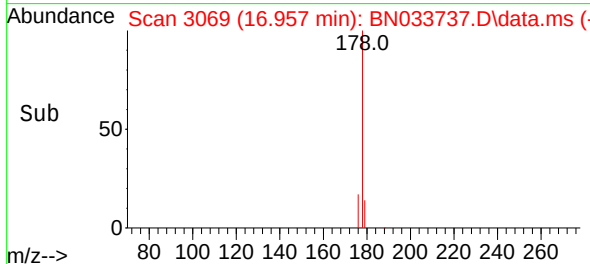
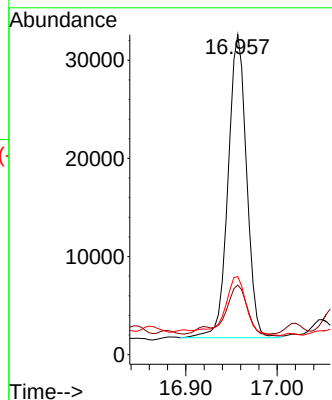
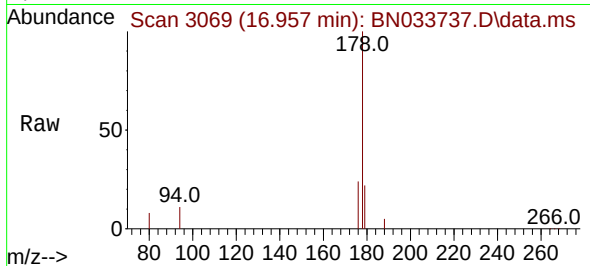
Tgt Ion:178 Resp: 43415

Ion Ratio Lower Upper

178 100

179 21.7 12.9 19.3#

176 24.4 15.7 23.5#



#16

Anthracene

Concen: 0.050 ng/ul

RT: 17.050 min Scan# 3091

Delta R.T. 0.004 min

Lab File: BN033737.D

Acq: 03 Sep 2024 12:44

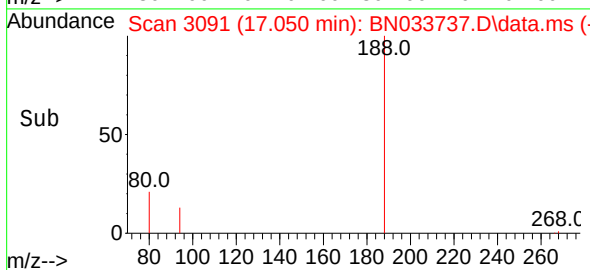
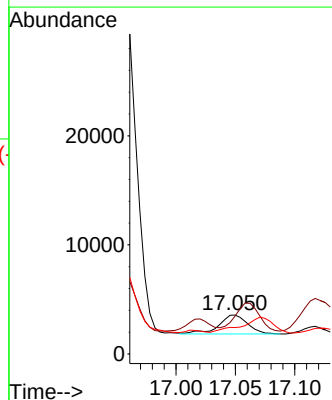
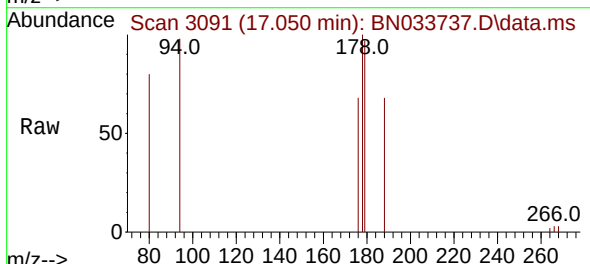
Tgt Ion:178 Resp: 2971

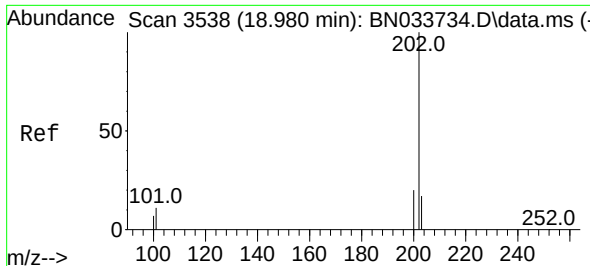
Ion Ratio Lower Upper

178 100

179 97.5 13.0 19.4#

176 68.0 15.2 22.8#





#19

Fluoranthene

Concen: 0.102 ng/ul

RT: 18.980 min Scan# 3538

Delta R.T. -0.000 min

Lab File: BN033737.D

Acq: 03 Sep 2024 12:44

Instrument :

BNA_N

ClientSampleId :

YE3E1

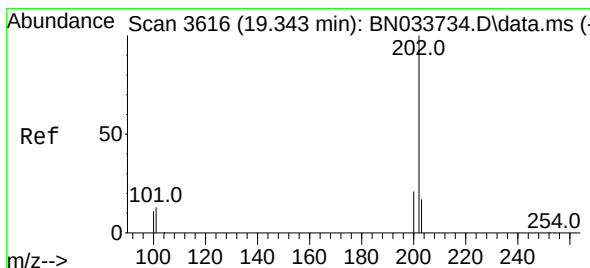
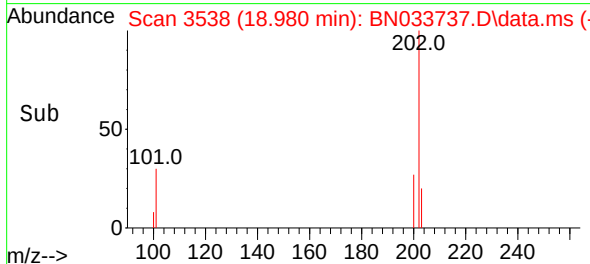
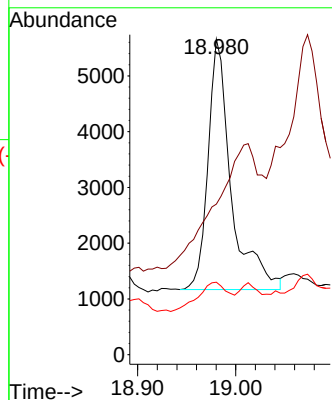
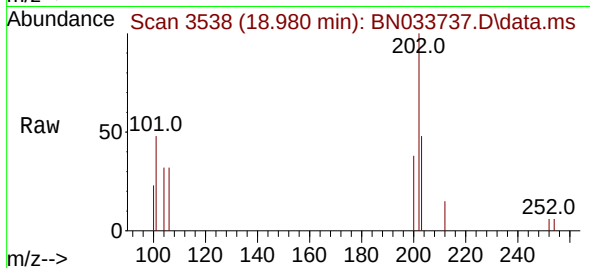
Tgt Ion:202 Resp: 7360

Ion Ratio Lower Upper

202 100

101 47.7 9.0 13.4#

100 23.0 6.7 10.1#



#20

Pyrene

Concen: 0.098 ng/ul

RT: 19.347 min Scan# 3617

Delta R.T. 0.005 min

Lab File: BN033737.D

Acq: 03 Sep 2024 12:44

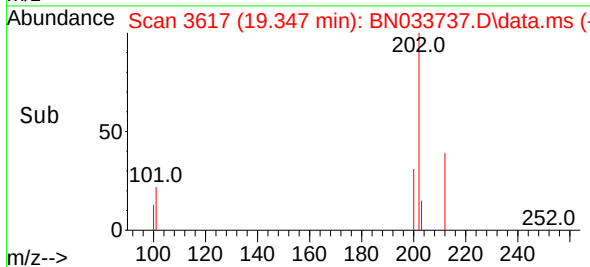
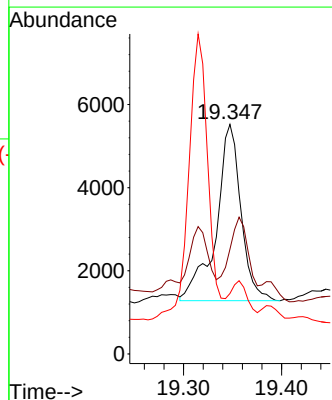
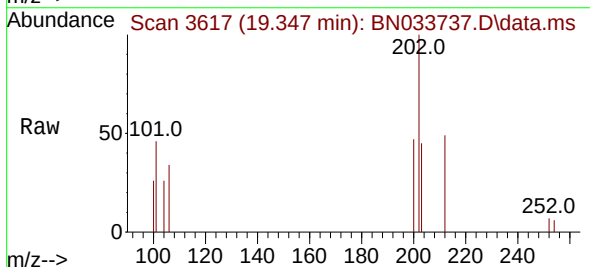
Tgt Ion:202 Resp: 7480

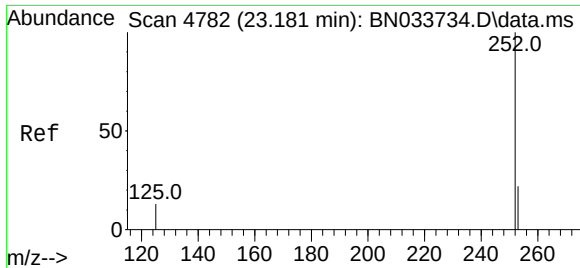
Ion Ratio Lower Upper

202 100

101 45.6 10.8 16.2#

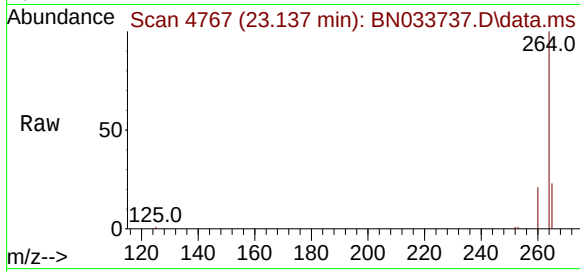
100 26.3 8.7 13.1#





#26
 Benzo(a)pyrene
 Concen: 0.032 ng/ul
 RT: 23.137 min Scan# 41
 Delta R.T. -0.044 min
 Lab File: BN033737.D
 Acq: 03 Sep 2024 12:44

Instrument :
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Tgt Ion:252 Resp: 2090

Ion	Ratio	Lower	Upper
252	100		
253	78.8	22.8	34.2#
125	125.7	18.0	27.0#

