

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
 Data File : BN015175.D
 Acq On : 28 Jun 2021 14:46
 Operator : CG/JU
 Sample : M2680-06 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDD2

Manual Integrations
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Quant Time: Jun 28 15:22:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 24 14:43:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	181298	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	762474	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	464897	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	874578	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	671600	20.000	ng/u1	0.02
88) Perylene-d12	23.569	264	842479	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	1899	0.408	ng/uL	0.00
4) Pyridine-d5	3.687	84	16227	1.292	ng/u1	0.01
7) Phenol-d5	6.893	99	45593	2.897	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	27084	2.931	ng/u1	0.00
11) 2-Chlorophenol-d4	7.258	132	35769	2.998	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	36246	2.985	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	18063	3.463	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	14885	3.204	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	32448	2.959	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	47521	2.796	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	107512	3.368	ng/u1	0.00
49) Acenaphthylene-d8	14.040	160	132936	3.208	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	7918	1.422	ng/u1	0.00
60) Fluorene-d10	15.345	176	93621	3.371	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	1290	0.357	ng/u1	0.01
73) Anthracene-d10	17.204	188	137696	3.440	ng/u1	0.00
81) Pyrene-d10	19.504	212	129911	3.690	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.421	264	146664	3.526	ng/u1	0.02
Target Compounds	Qvalue					
30) Naphthalene	10.546	128	1106699	28.444	ng/u1	99
36) 2-Methylnaphthalene	12.157	142	477666	17.734	ng/u1	96
37) 1-Methylnaphthalene	12.381	142	833421	30.879	ng/u1	97
43) 1,1'-Biphenyl	13.181	154	618486	18.436	ng/u1	97
50) Acenaphthylene	14.069	152	726588	18.581	ng/u1#	97
52) Acenaphthene	14.422	153	3009092	109.381	ng/u1	98
56) Dibenzofuran	14.751	168	2545699	65.882	ng/u1	96
61) Fluorene	15.404	166	2642005	86.374	ng/u1	95
72) Phenanthrene	17.157	178	9235400	200.072	ng/u1	99
74) Anthracene	17.239	178	4431218	93.510	ng/u1	99
77) Carbazole	17.504	167	868670	20.338	ng/u1	99
80) Fluoranthene	19.180	202	8936732	210.311	ng/u1	99
82) Pyrene	19.545	202	7514592	169.668	ng/u1	100
85) Benzo(a)anthracene	21.298	228	4122463	99.242	ng/u1#	82
87) Chrysene	21.351	228	3448136	84.295	ng/u1	95
90) Benzo(b)fluoranthene	22.898	252	4391060	86.553	ng/u1	98
91) Benzo(k)fluoranthene	22.939	252	1434492m	27.938	ng/u1	
93) Benzo(a)pyrene	23.480	252	3527506	76.499	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	25.839	276	2090702	37.371	ng/u1	93
95) Dibenzo(a,h)anthracene	25.839	278	554198m	11.952	ng/u1	
96) Benzo(g,h,i)perylene	26.539	276	1681714	34.775	ng/u1	98

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

Instrument :
BNA_N
ClientSampleId :
BGDD2

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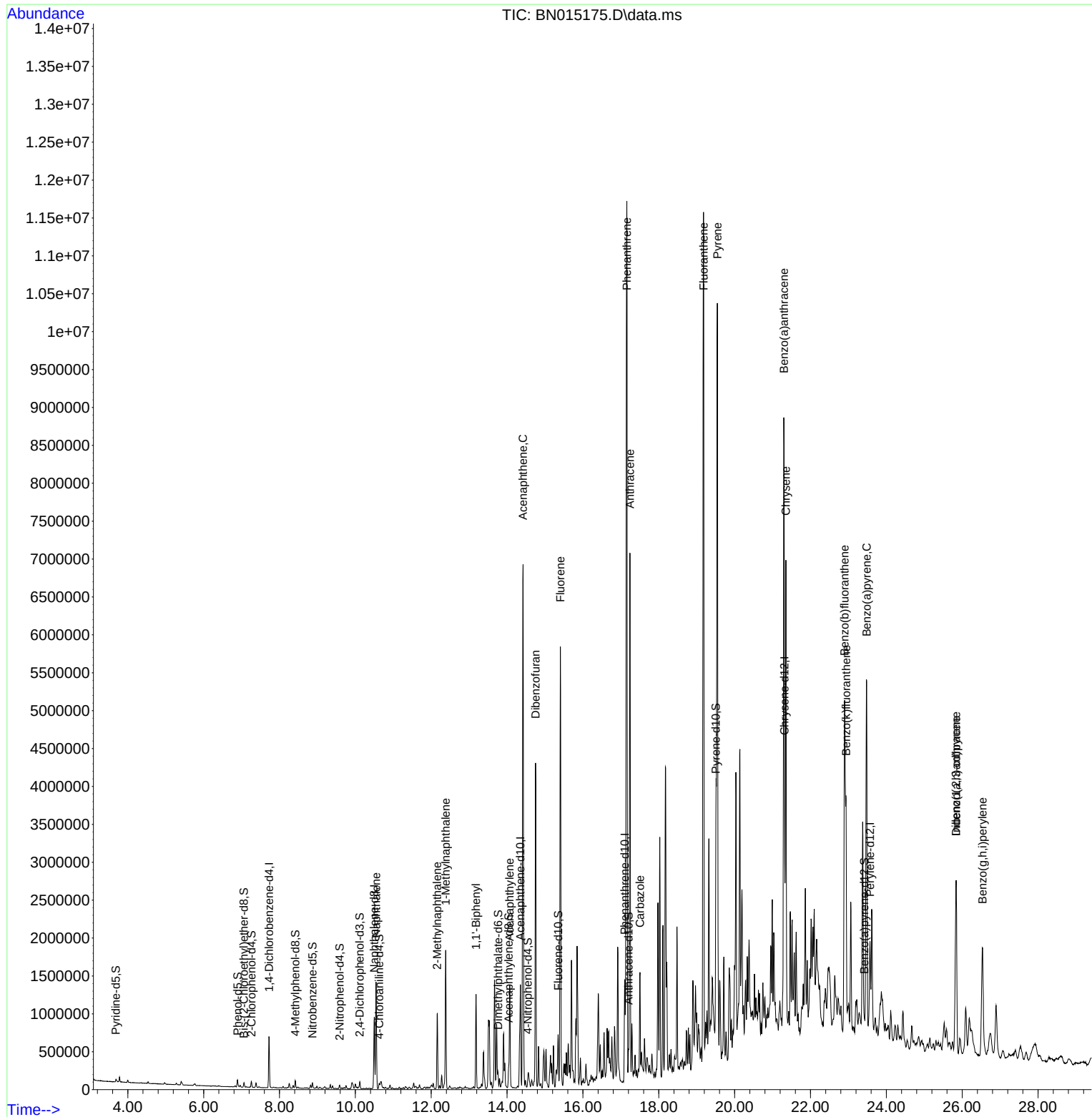
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
Data File : BN015175.D
Acq On : 28 Jun 2021 14:46
Operator : CG/JU
Sample : M2680-06 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

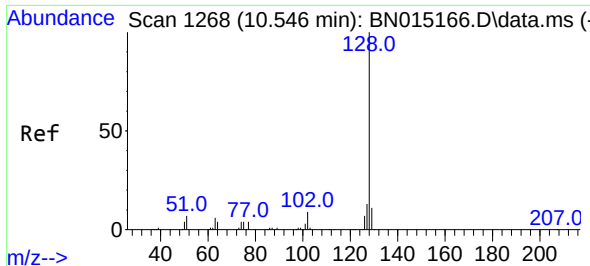
Instrument :
BNA_N
ClientSampleId :
BGDD2

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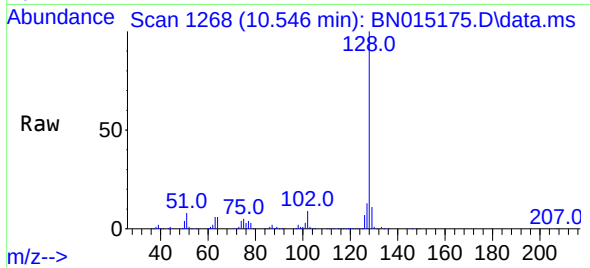
Quant Time: Jun 28 15:22:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 28.444 ng/ul
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

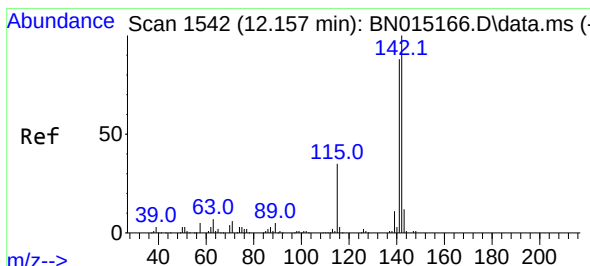
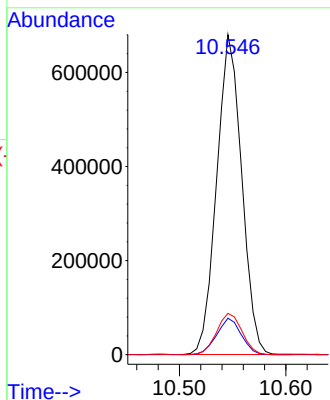
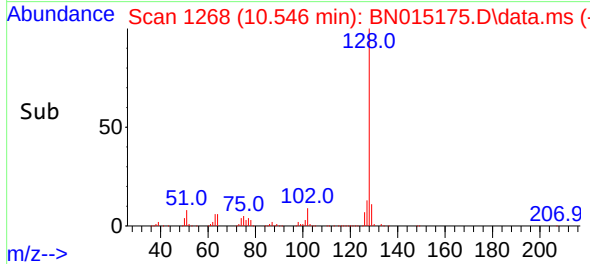
Instrument :
BNA_N
ClientSampled :
BGDD2



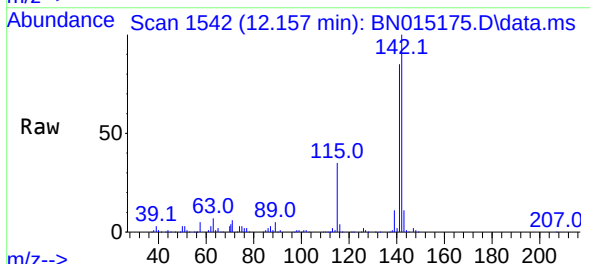
Tgt Ion:128 Resp: 1106699
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 12.9 10.6 16.0

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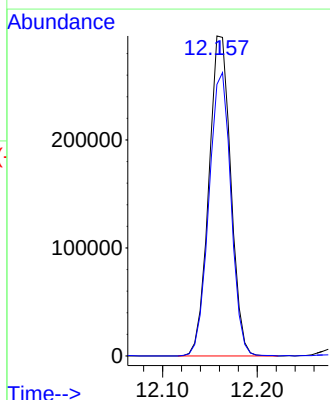
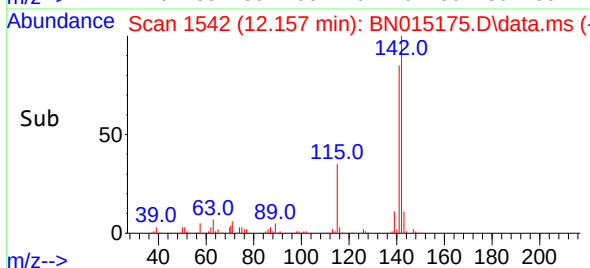
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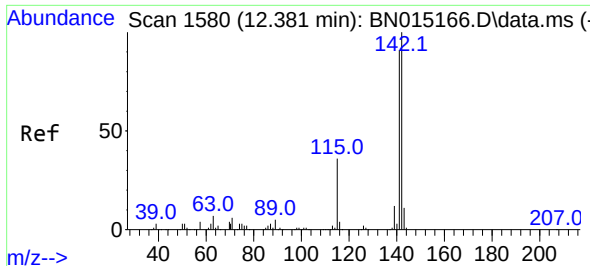


#36
2-Methylnaphthalene
Concen: 17.734 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46



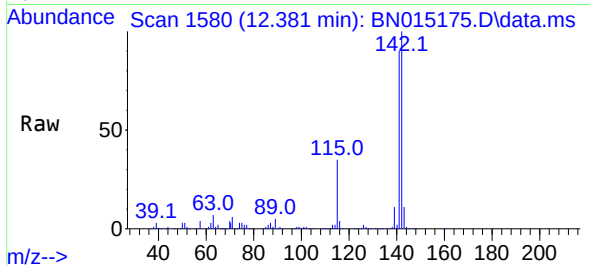
Tgt Ion:142 Resp: 477666
Ion Ratio Lower Upper
142 100
141 84.8 71.0 106.6





#37
1-Methylnaphthalene
Concen: 30.879 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

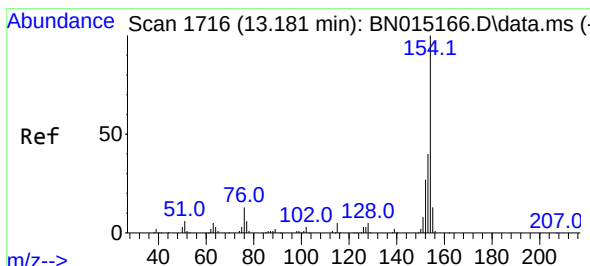
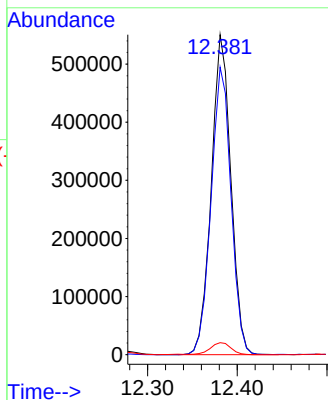
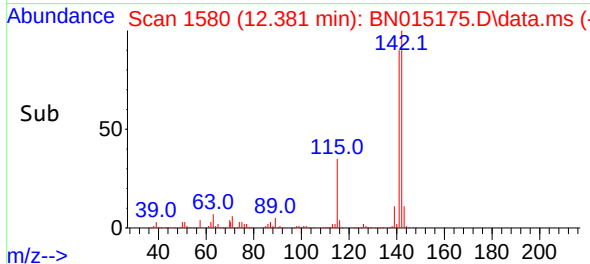
Instrument :
BNA_N
ClientSampled :
BGDD2



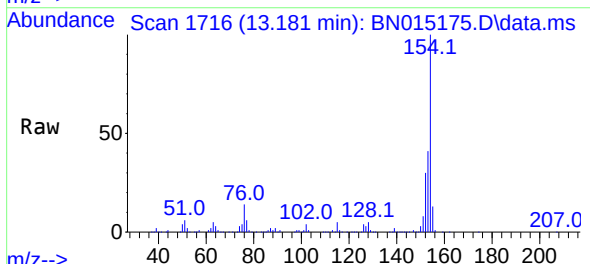
Tgt Ion:142 Resp: 833421
Ion Ratio Lower Upper
142 100
141 89.9 69.6 104.4
116 3.8 3.0 4.6

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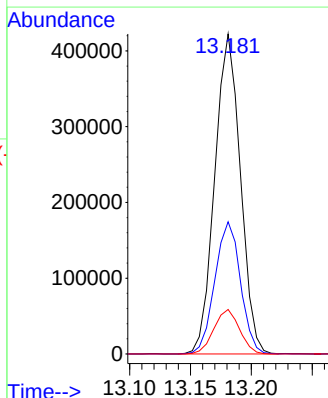
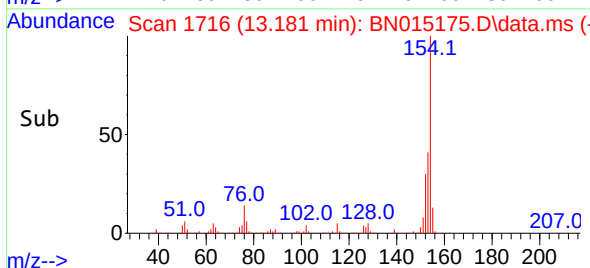
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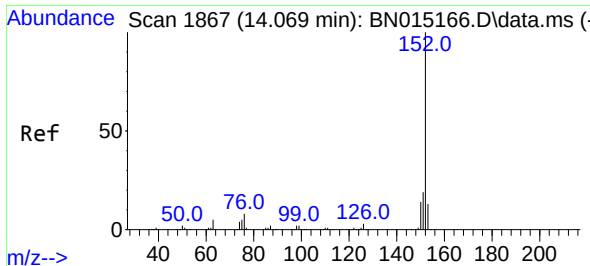


#43
1,1'-Biphenyl
Concen: 18.436 ng/ul
RT: 13.181 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46



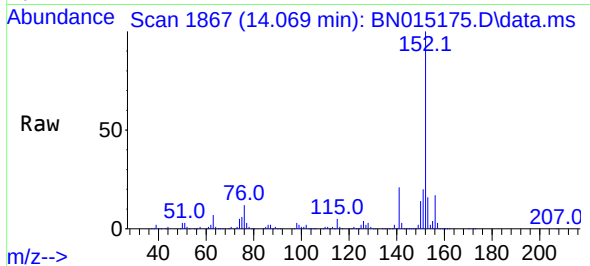
Tgt Ion:154 Resp: 618486
Ion Ratio Lower Upper
154 100
153 41.3 31.4 47.2
76 13.9 10.7 16.1





#50
Acenaphthylene
Concen: 18.581 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

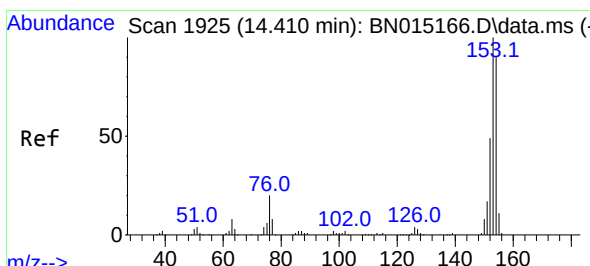
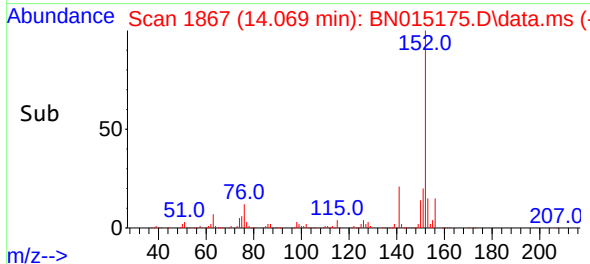
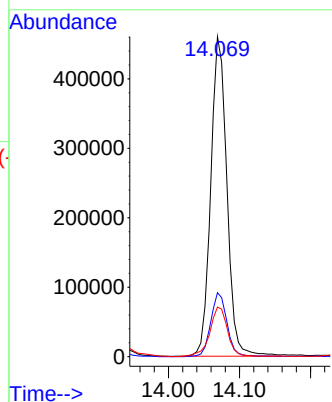
Instrument :
BNA_N
ClientSampled :
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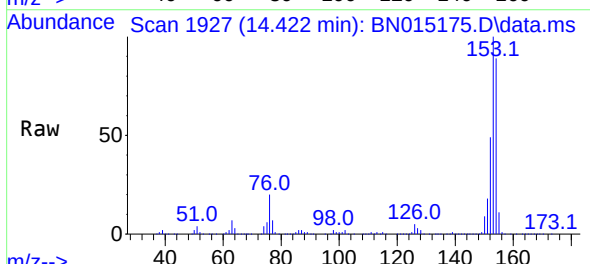
Tgt Ion:152 Resp: 726588
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 15.5 10.0 15.0#

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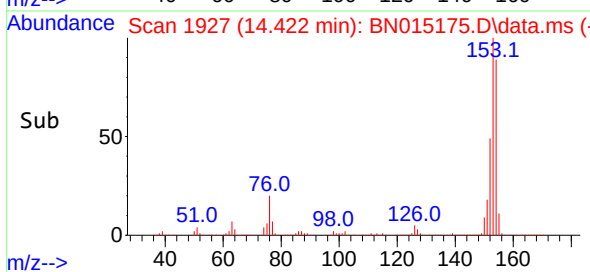
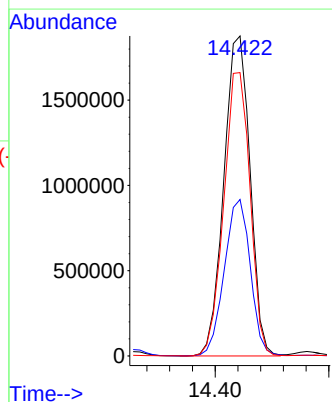
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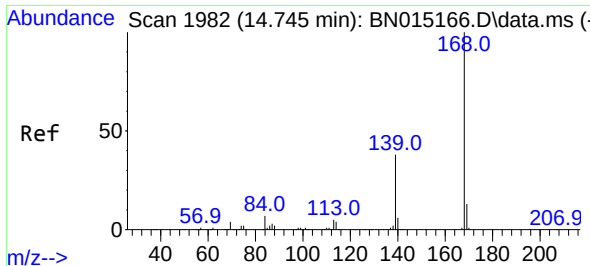


#52
Acenaphthene
Concen: 109.381 ng/ul
RT: 14.422 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46



Tgt Ion:153 Resp: 3009092
Ion Ratio Lower Upper
153 100
152 48.9 37.6 56.4
154 88.6 71.6 107.4





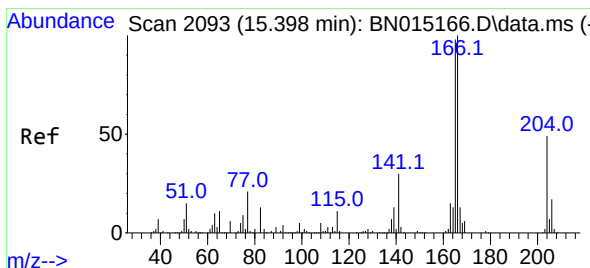
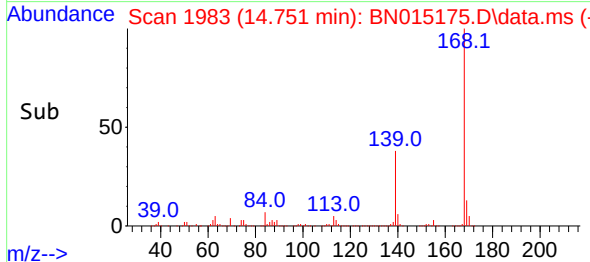
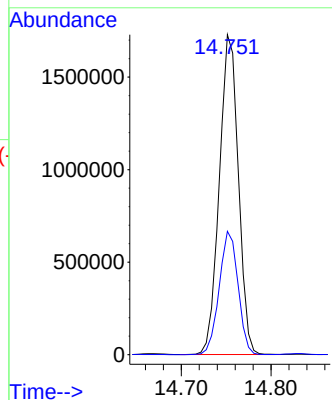
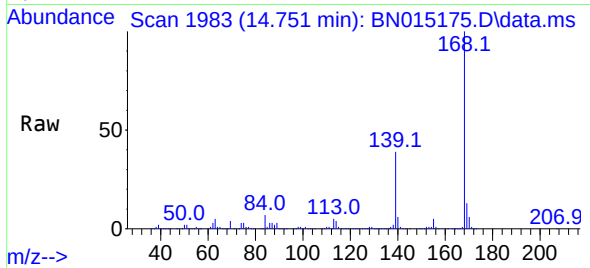
#56
Dibenzofuran
Concen: 65.882 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

Instrument :
BNA_N
ClientSampled :
BGDD2

Tgt Ion:168 Resp: 2545699
Ion Ratio Lower Upper
168 100
139 38.5 29.0 43.4

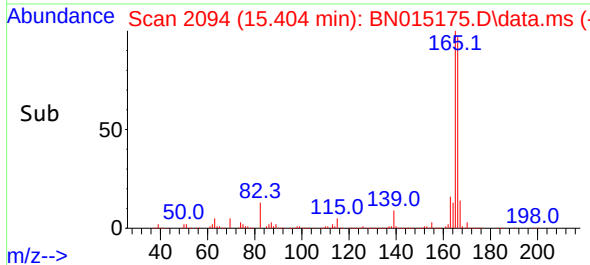
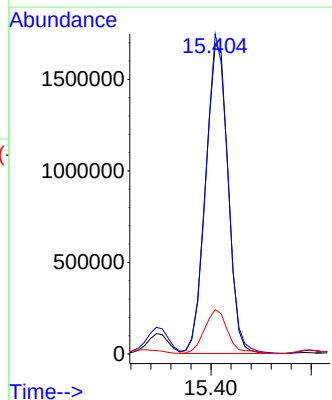
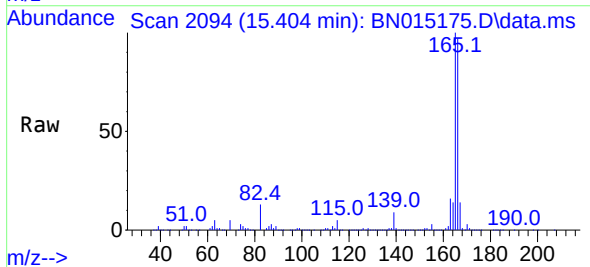
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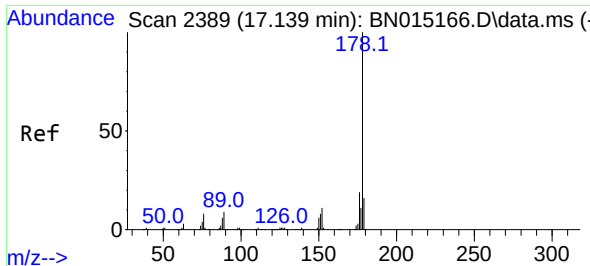
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#61
Fluorene
Concen: 86.374 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

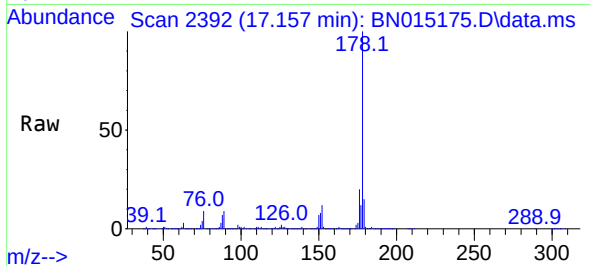
Tgt Ion:166 Resp: 2642005
Ion Ratio Lower Upper
166 100
165 103.2 78.2 117.4
167 14.3 11.0 16.4





#72
Phenanthrene
Concen: 200.072 ng/u1
RT: 17.157 min Scan# 2392
Delta R.T. 0.018 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

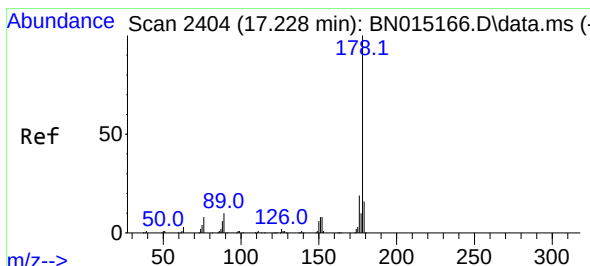
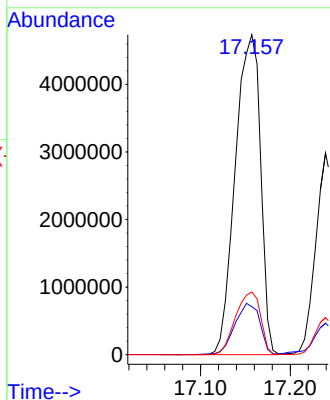
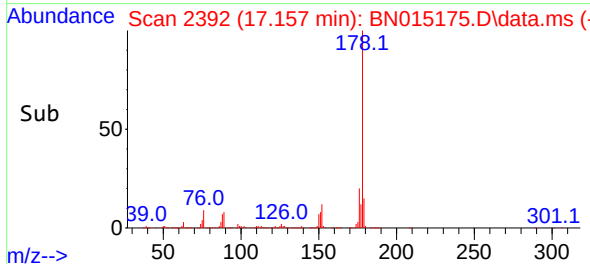
Instrument :
BNA_N
ClientSampled :
BGDD2



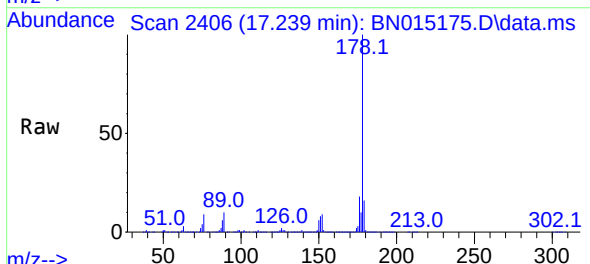
Tgt Ion:178 Resp: 9235400
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.2
176 19.6 15.4 23.2

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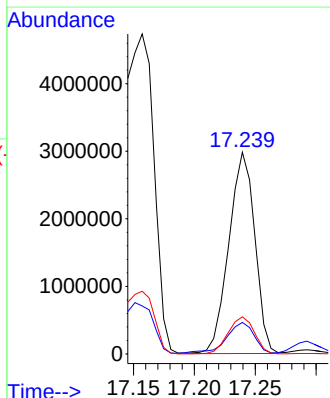
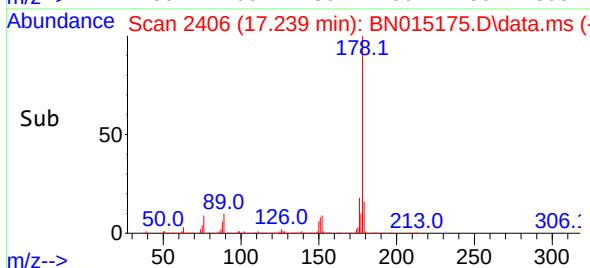
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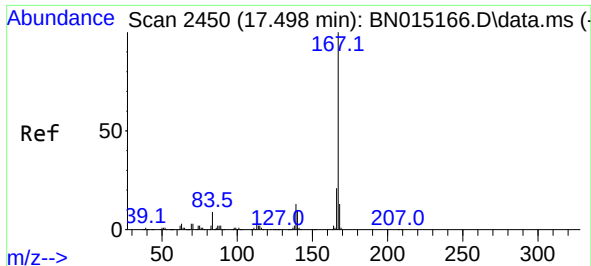


#74
Anthracene
Concen: 93.510 ng/u1
RT: 17.239 min Scan# 2406
Delta R.T. 0.006 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

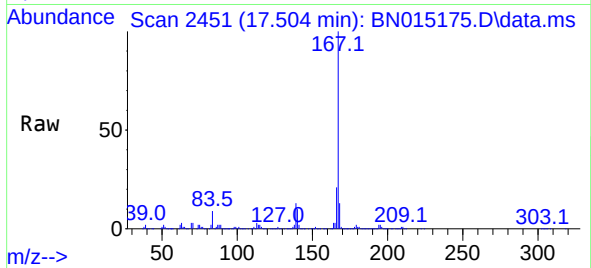


Tgt Ion:178 Resp: 4431218
Ion Ratio Lower Upper
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179 15.6 11.6 17.4
176 18.4 14.6 21.8

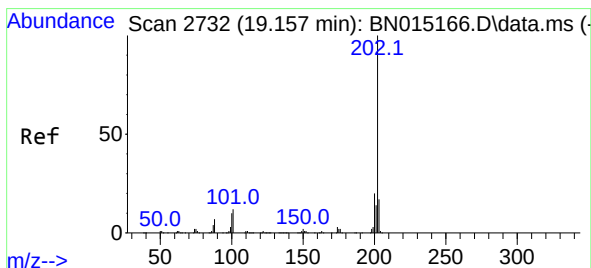
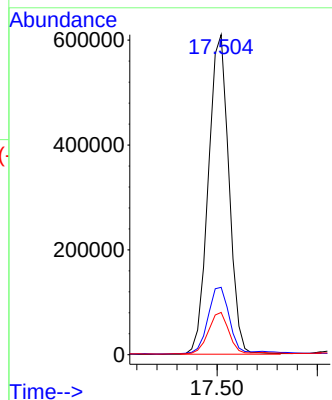
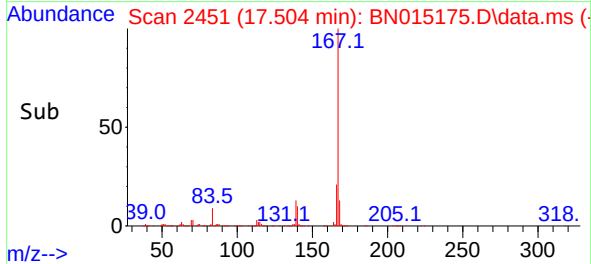




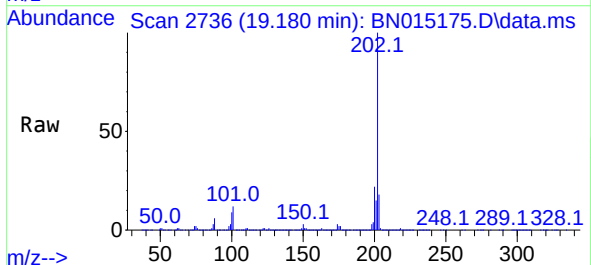
#77
 Carbazole
 Concen: 20.338 ng/ul
 RT: 17.504 min Scan# 2451
 Delta R.T. 0.006 min
 Lab File: BN015175.D
 Acq: 28 Jun 2021 14:46



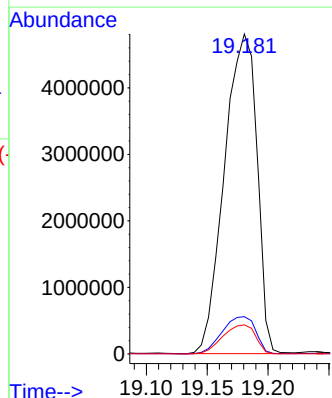
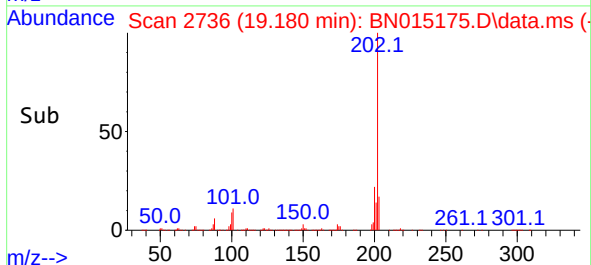
Tgt Ion:167 Resp: 868670
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.4 24.6
 139 13.2 10.0 15.0



#80
 Fluoranthene
 Concen: 210.311 ng/ul
 RT: 19.180 min Scan# 2736
 Delta R.T. 0.018 min
 Lab File: BN015175.D
 Acq: 28 Jun 2021 14:46



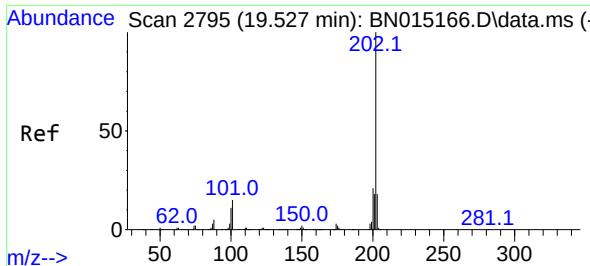
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 101 11.7 9.5 14.3
 100 9.1 7.4 11.2



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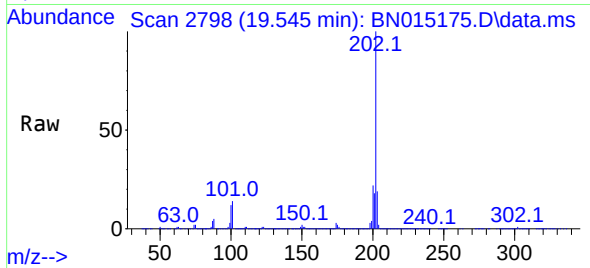
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#82
Pyrene
Concen: 169.668 ng/u1
RT: 19.545 min Scan# 2798
Delta R.T. 0.018 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

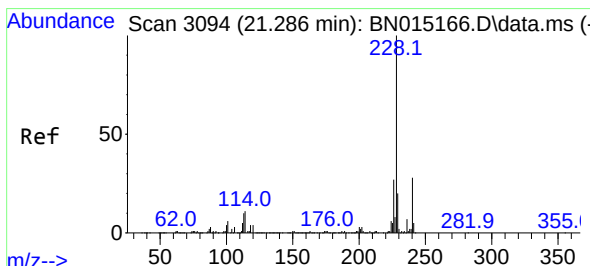
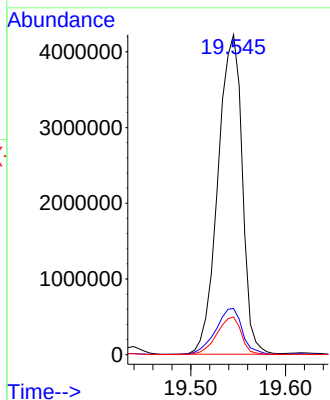
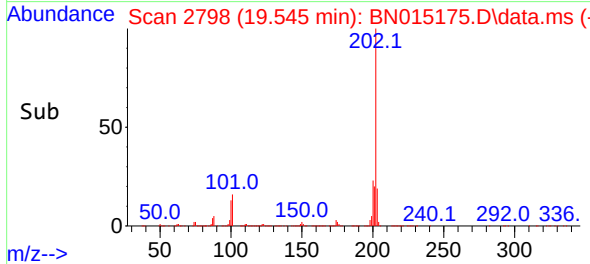
Instrument :
BNA_N
ClientSampled :
BGDD2



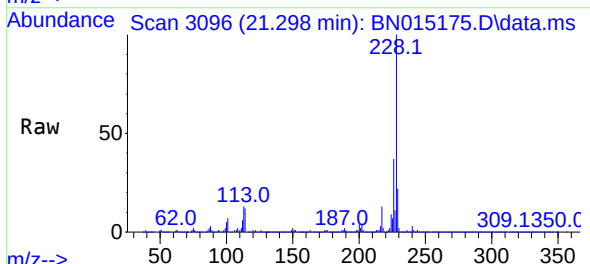
Tgt Ion:202 Resp: 7514592
Ion Ratio Lower Upper
202 100
101 14.4 11.6 17.4
100 11.8 9.2 13.8

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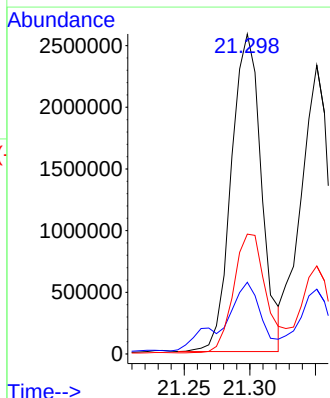
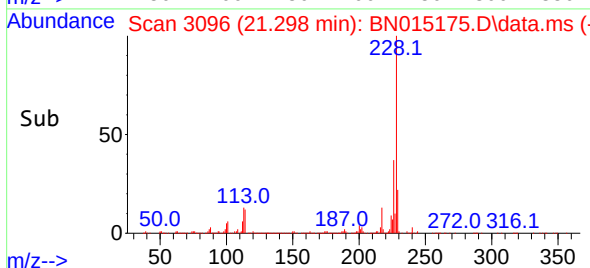
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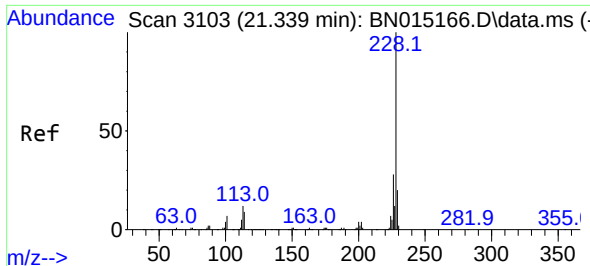


#85
Benzo(a)anthracene
Concen: 99.242 ng/u1
RT: 21.298 min Scan# 3096
Delta R.T. 0.012 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46



Tgt Ion:228 Resp: 4122463
Ion Ratio Lower Upper
228 100
229 22.4 14.8 22.2#
226 37.5 20.2 30.4#





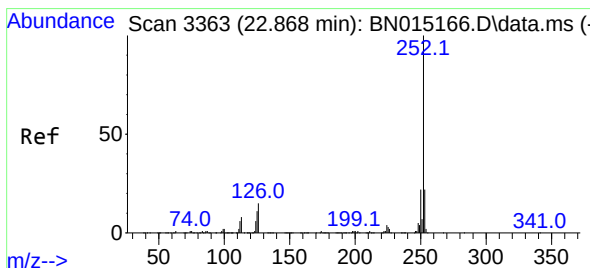
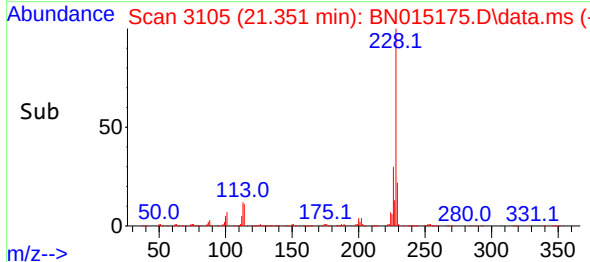
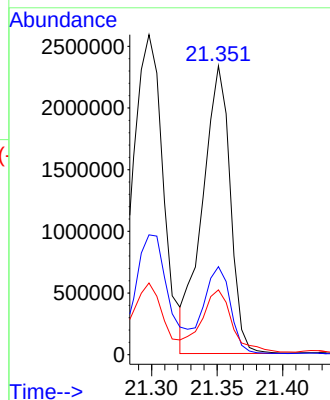
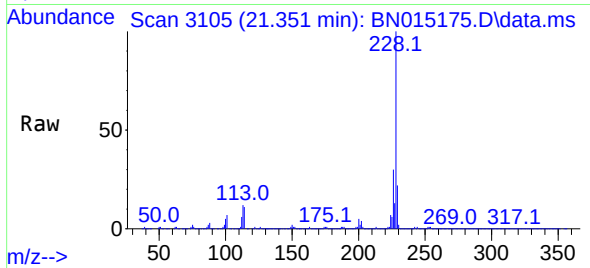
#87
Chrysene
Concen: 84.295 ng/ul
RT: 21.351 min Scan# 3105
Delta R.T. 0.018 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

Tgt Ion:228 Resp: 3448136
Ion Ratio Lower Upper
228 100
226 30.5 22.6 33.8
229 22.4 15.5 23.3

Instrument :
BNA_N
ClientSampled :
BGDD2

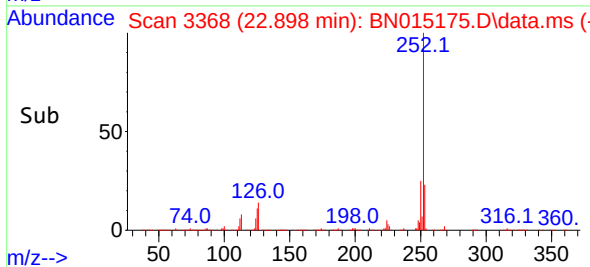
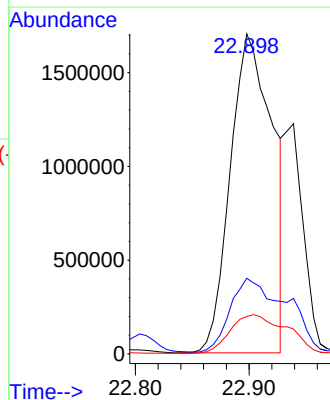
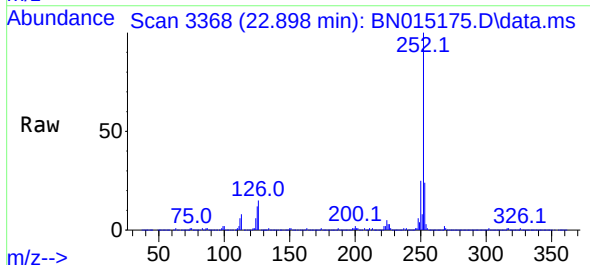
Manual Integrations
APPROVED

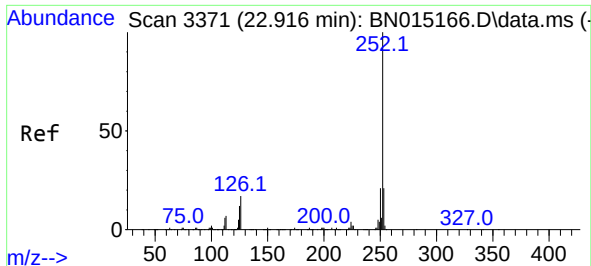
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#90
Benzo(b)fluoranthene
Concen: 86.553 ng/ul
RT: 22.898 min Scan# 3368
Delta R.T. 0.030 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

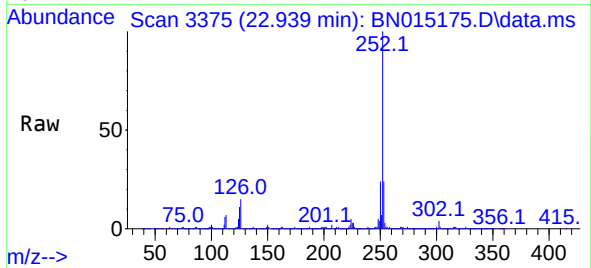
Tgt Ion:252 Resp: 4391060
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 11.7 9.4 14.0





#91
Benzo(k)fluoranthene
Concen: 27.938 ng/ul m
RT: 22.939 min Scan# 3375
Delta R.T. 0.024 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

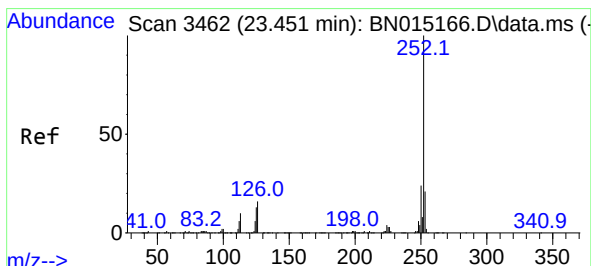
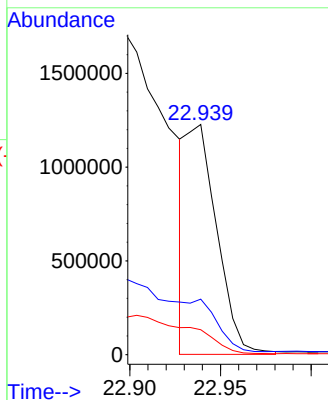
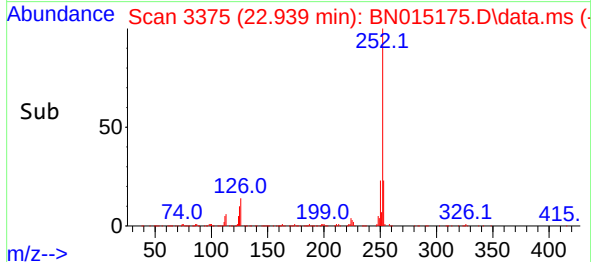
Instrument :
BNA_N
ClientSampled :
BGDD2



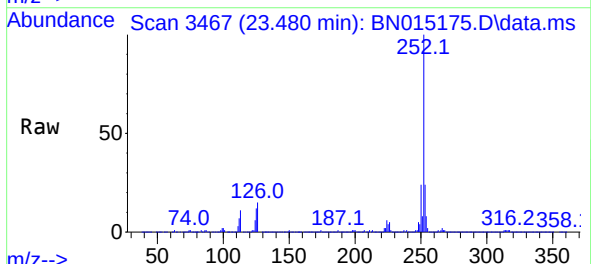
Tgt Ion:252 Resp: 1434492
Ion Ratio Lower Upper
252 100
253 24.1 18.0 27.0
125 10.8 8.8 13.2

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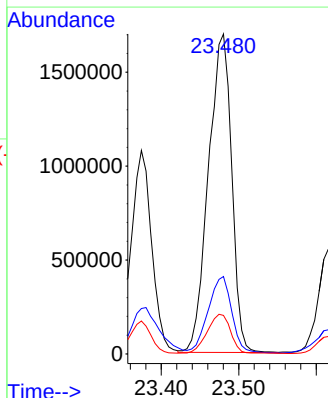
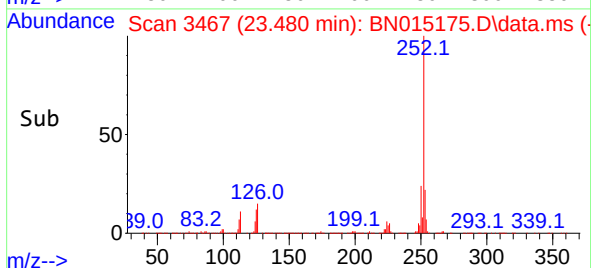
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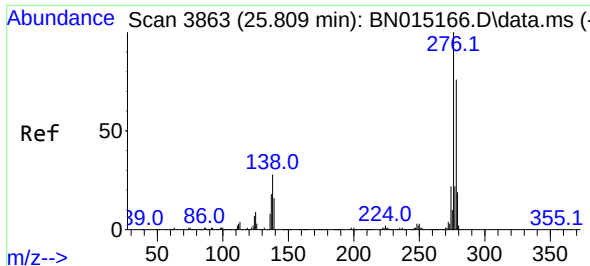


#93
Benzo(a)pyrene
Concen: 76.499 ng/ul
RT: 23.480 min Scan# 3467
Delta R.T. 0.035 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46



Tgt Ion:252 Resp: 3527506
Ion Ratio Lower Upper
252 100
253 24.2 16.4 24.6
125 12.0 9.3 13.9





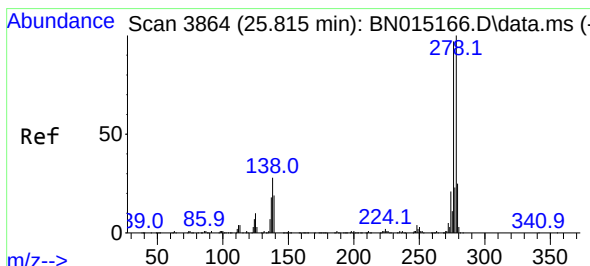
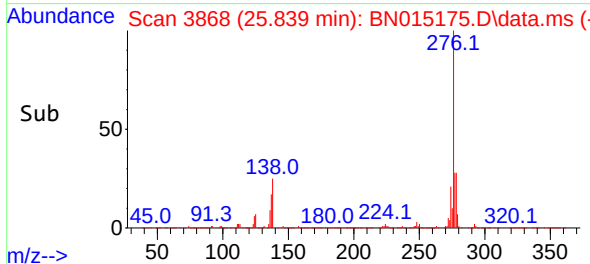
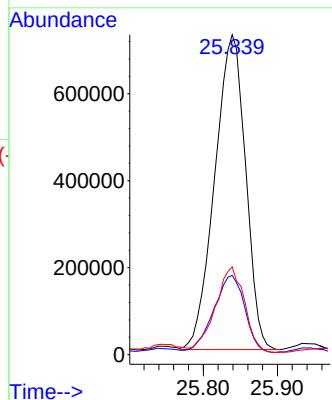
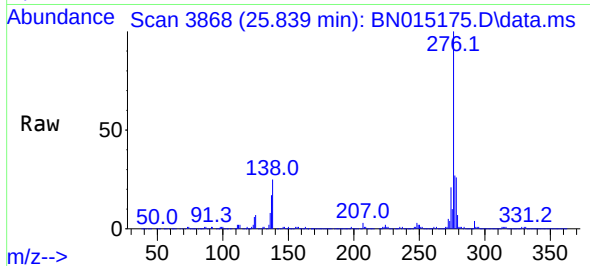
#94
Indeno(1,2,3-cd)pyrene
Concen: 37.371 ng/ul
RT: 25.839 min Scan# 3868
Delta R.T. 0.035 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

Instrument :
BNA_N
ClientSampleID :
BGDD2

Tgt Ion:276 Resp: 2090702
Ion Ratio Lower Upper
276 100
138 24.7 23.0 34.4
277 27.5 19.5 29.3

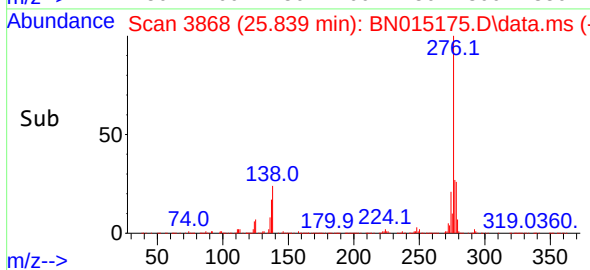
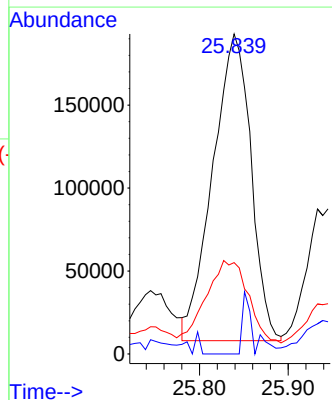
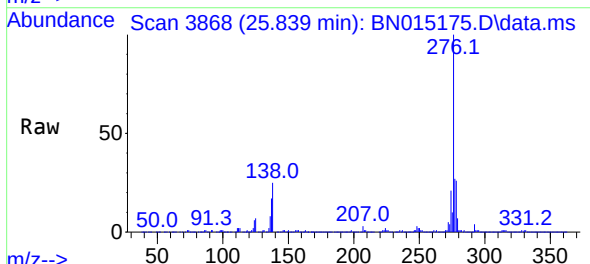
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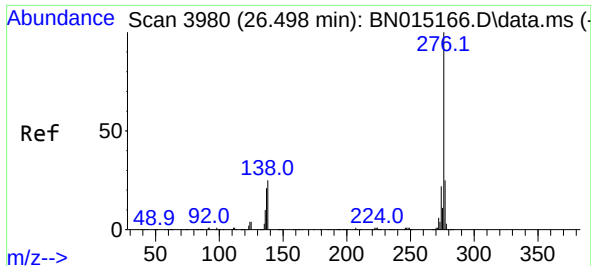
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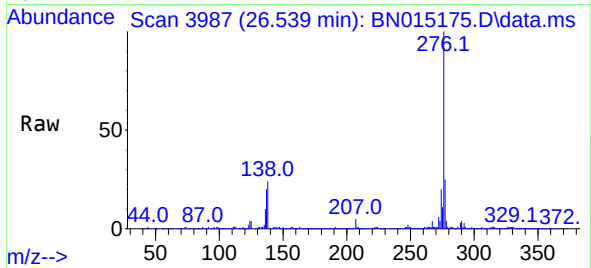
#95
Dibenzo(a,h)anthracene
Concen: 11.952 ng/ul m
RT: 25.839 min Scan# 3868
Delta R.T. 0.018 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46

Tgt Ion:278 Resp: 554198
Ion Ratio Lower Upper
278 100
139 0.0 14.8 22.2#
279 28.6 20.2 30.4

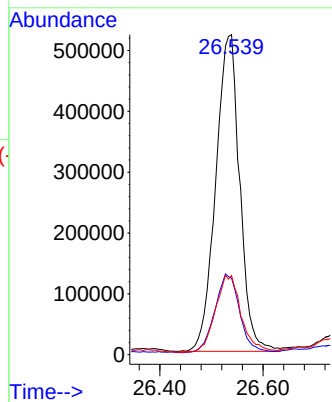
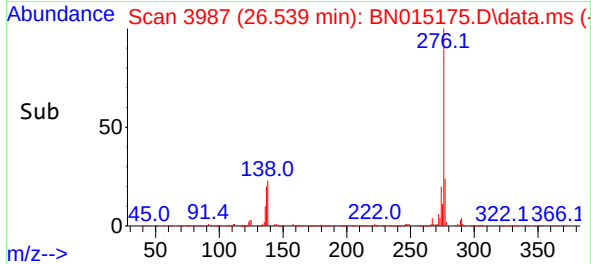




#96
Benzo(g,h,i)perylene
Concen: 34.775 ng/ul
RT: 26.539 min Scan# 3987
Delta R.T. 0.041 min
Lab File: BN015175.D
Acq: 28 Jun 2021 14:46



Tgt Ion: 276 Resp: 1681714
Ion Ratio Lower Upper
276 100
138 23.9 19.4 29.2
277 24.8 18.4 27.6



Instrument :
BNA_N
ClientSampleId :
BGDD2

Manual Integrations
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