

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062821\
 Data File : BN015174.D
 Acq On : 28 Jun 2021 14:10
 Operator : CG/JU
 Sample : M2680-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDD3

Manual Integrations
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Quant Time: Jun 28 14:40:02 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	193307	20.000	ng/u1	0.00
20) Naphthalene-d8	10.498	136	812237	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	489983	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	932735	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	536583	20.000	ng/u1	0.03
88) Perylene-d12	23.586	264	893347	20.000	ng/u1	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	11100	2.234	ng/uL	0.00
4) Pyridine-d5	3.675	84	127368	9.510	ng/u1	0.00
7) Phenol-d5	6.893	99	250405	14.925	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	142848	14.498	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	192934	15.166	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	195460	15.095	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	97657	17.576	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	92023	18.593	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	180962	15.491	ng/u1	0.00
31) 4-Chloroaniline-d4	10.628	131	223688	12.356	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	574976	17.089	ng/u1	0.00
49) Acenaphthylene-d8	14.039	160	736452	16.861	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	54642	9.311	ng/u1	0.00
60) Fluorene-d10	15.345	176	499781	17.074	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	12761	3.313	ng/u1	0.02
73) Anthracene-d10	17.204	188	733706	17.186	ng/u1	0.00
81) Pyrene-d10	19.510	212	650974	23.146	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.439	264	767583	17.405	ng/u1	0.04
Target Compounds						
					Qvalue	
8) Phenol	6.922	94	33504	1.970	ng/u1	99
18) 4-Methylphenol	8.481	108	20321	1.492	ng/u1	93
30) Naphthalene	10.546	128	666700	16.086	ng/u1	99
36) 2-Methylnaphthalene	12.157	142	80417	2.803	ng/u1	100
37) 1-Methylnaphthalene	12.381	142	58443	2.033	ng/u1	98
43) 1,1'-Biphenyl	13.181	154	242779	6.866	ng/u1	99
50) Acenaphthylene	14.069	152	2274845	55.196	ng/u1	98
52) Acenaphthene	14.416	153	1030662	35.547	ng/u1	98
56) Dibenzofuran	14.751	168	1897424	46.591	ng/u1	98
61) Fluorene	15.404	166	2683612	83.242	ng/u1	93
72) Phenanthrene	17.169	178	11809916	239.893	ng/u1	99
74) Anthracene	17.251	178	9008054	178.240	ng/u1	96
77) Carbazole	17.504	167	481621	10.573	ng/u1	94
80) Fluoranthene	19.198	202	15038334	442.953	ng/u1	99
82) Pyrene	19.563	202	12716818	359.375	ng/u1	99
85) Benzo(a)anthracene	21.304	228	8033037	242.042	ng/u1#	84
86) Bis(2-ethylhexyl)phtha...	21.239	149	127321	6.303	ng/u1	99
87) Chrysene	21.369	228	7386583	226.014	ng/u1	93
90) Benzo(b)fluoranthene	22.921	252	10467086	194.571	ng/u1	99
91) Benzo(k)fluoranthene	22.957	252	3257038m	59.821	ng/u1	
93) Benzo(a)pyrene	23.510	252	8260980	168.949	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.886	276	5735338	96.681	ng/u1#	92
95) Dibenzo(a,h)anthracene	25.880	278	1382734	28.122	ng/u1	95
96) Benzo(g,h,i)perylene	26.574	276	4684351	91.349	ng/u1	98

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

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

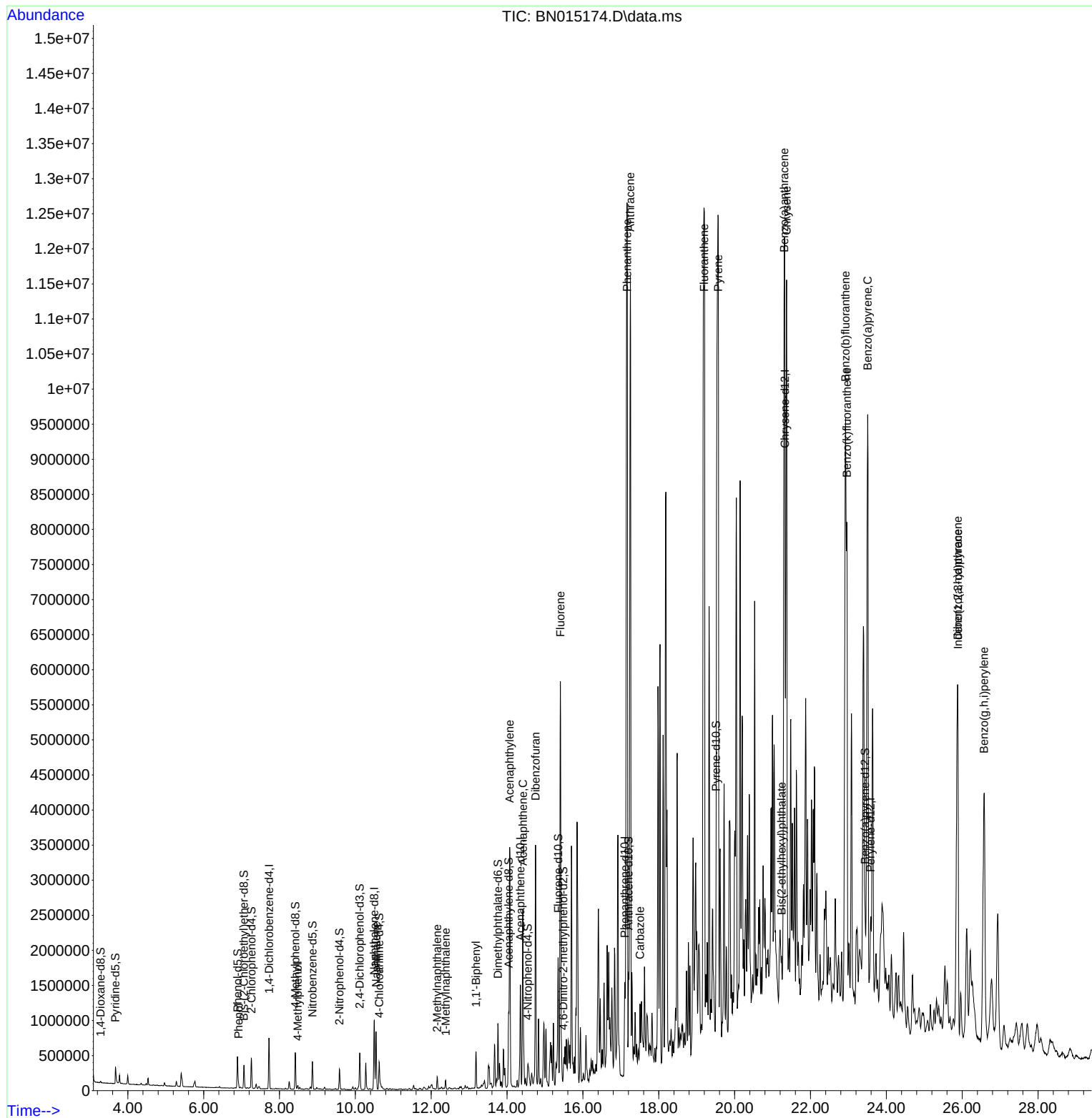
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 ALS Vial : 10 Sample Multiplier: 1

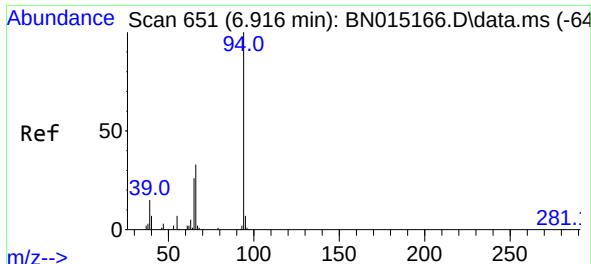
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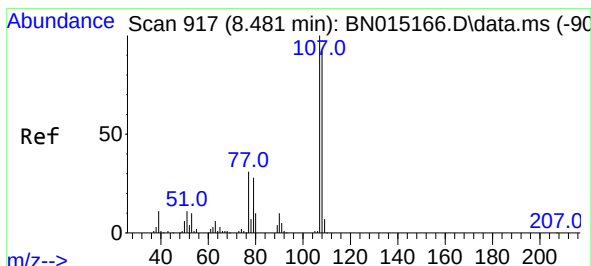
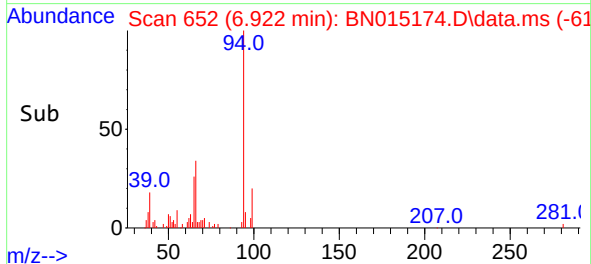
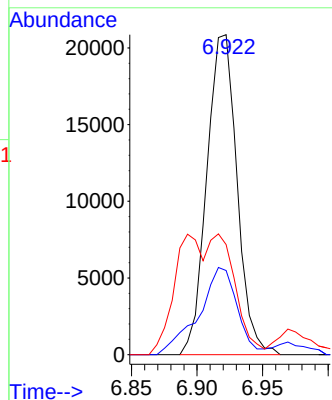
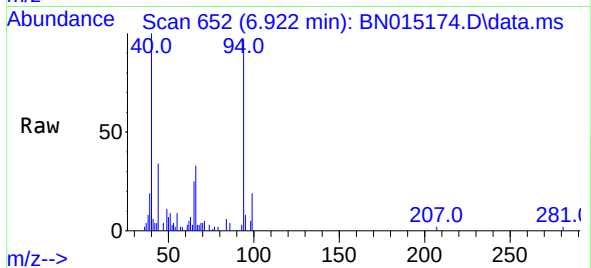
#8
Phenol
Concen: 1.970 ng/ul
RT: 6.922 min Scan# 652
Delta R.T. 0.000 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

Instrument :
BNA_N
ClientSampled :
BGDD3

Tgt Ion: 94 Resp: 33504
Ion Ratio Lower Upper
94 100
65 26.3 21.4 32.0
66 34.4 27.8 41.6

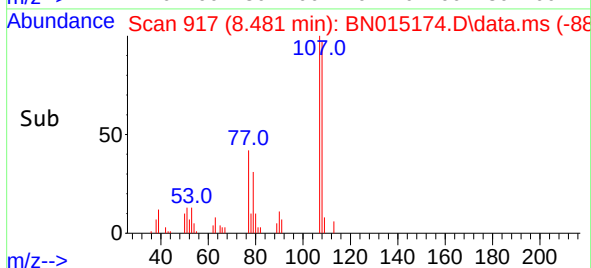
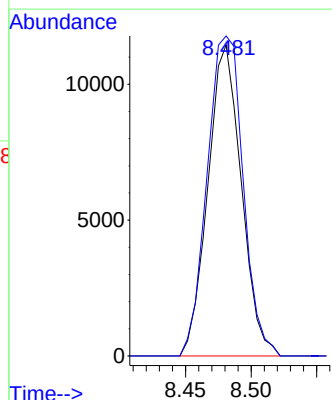
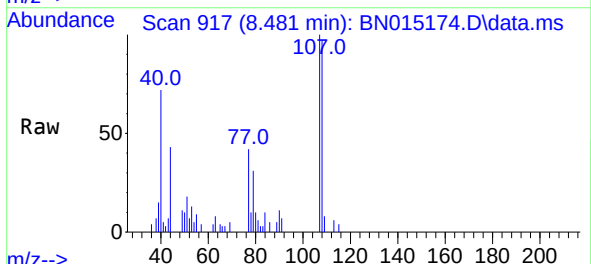
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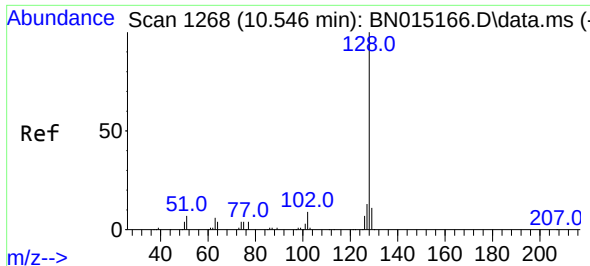
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#18
4-Methylphenol
Concen: 1.492 ng/ul
RT: 8.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

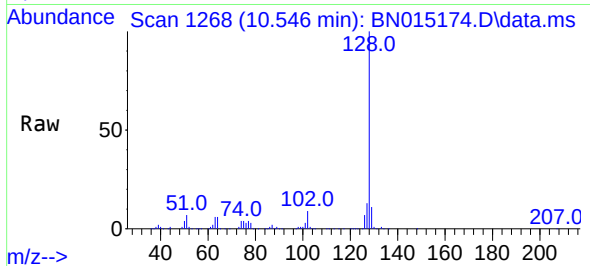
Tgt Ion: 108 Resp: 20321
Ion Ratio Lower Upper
108 100
107 102.9 87.9 131.9





#30
Naphthalene
Concen: 16.086 ng/ul
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

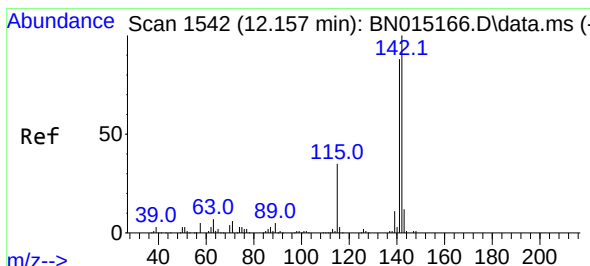
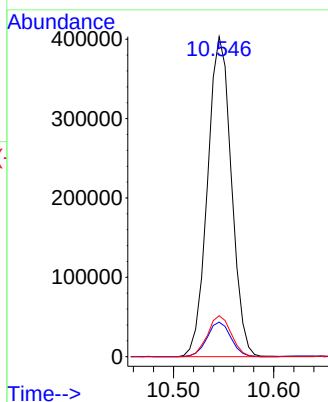
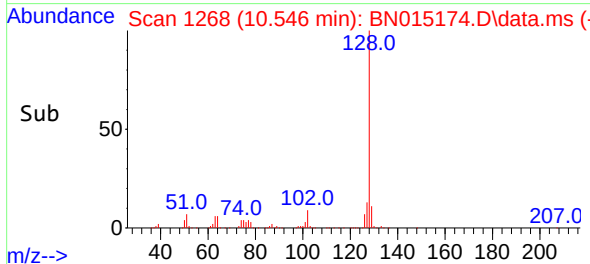
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BNA_N
ClientSampleId :
BGDD3



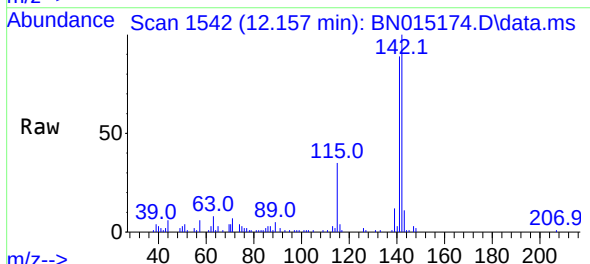
Tgt Ion:128 Resp: 666700
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.8 10.6 16.0

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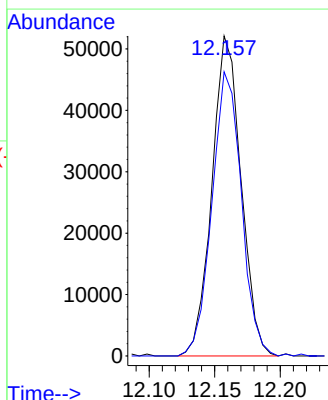
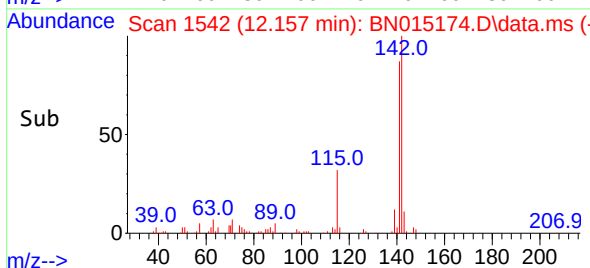
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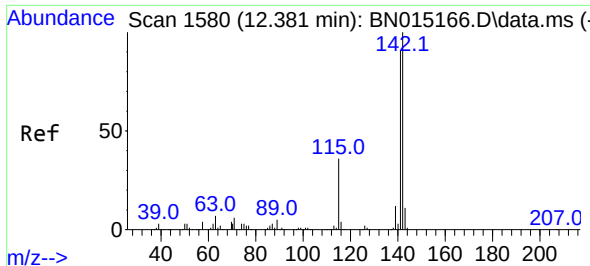


#36
2-Methylnaphthalene
Concen: 2.803 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10



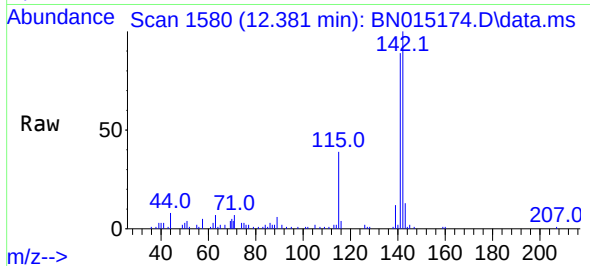
Tgt Ion:142 Resp: 80417
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6





#37
1-Methylnaphthalene
Concen: 2.033 ng/ul
RT: 12.381 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

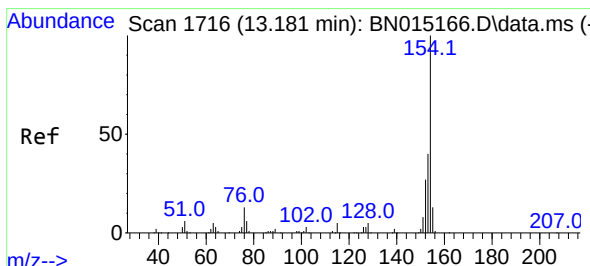
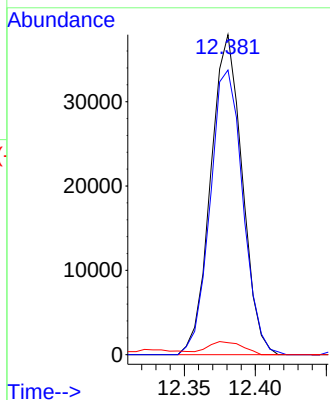
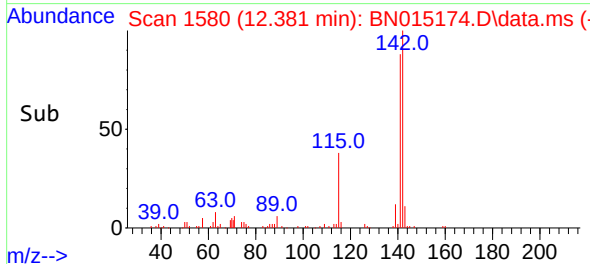
Instrument :
BNA_N
ClientSampled :
BGDD3



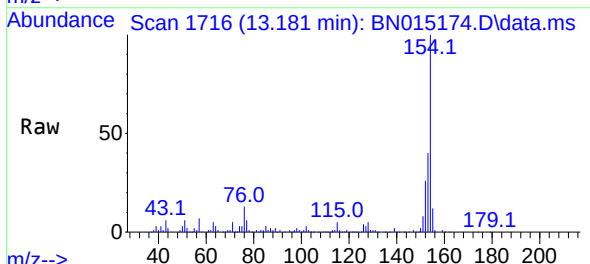
Tgt Ion:142 Resp: 58443
Ion Ratio Lower Upper
142 100
141 88.9 69.6 104.4
116 3.7 3.0 4.6

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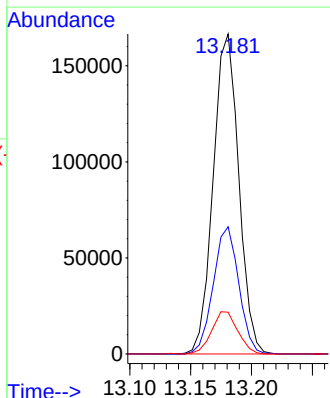
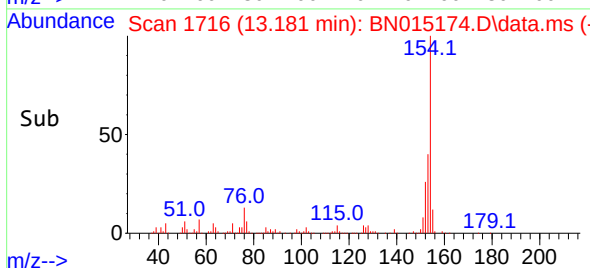
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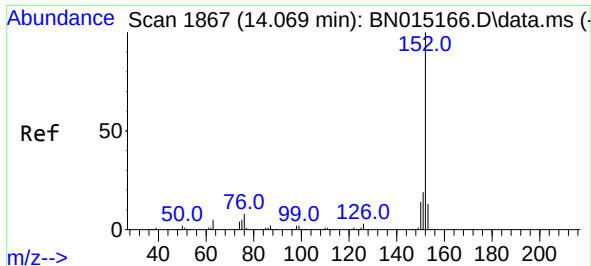


#43
1,1'-Biphenyl
Concen: 6.866 ng/ul
RT: 13.181 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10



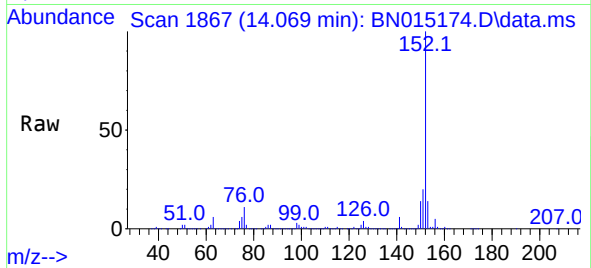
Tgt Ion:154 Resp: 242779
Ion Ratio Lower Upper
154 100
153 39.8 31.4 47.2
76 13.0 10.7 16.1





#50
Acenaphthylene
Concen: 55.196 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

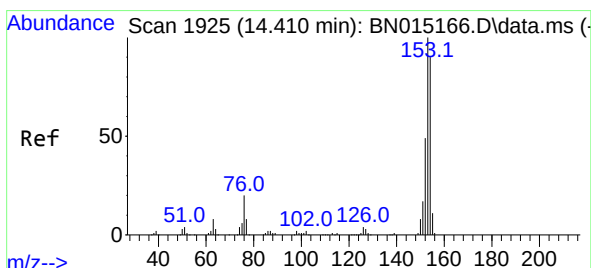
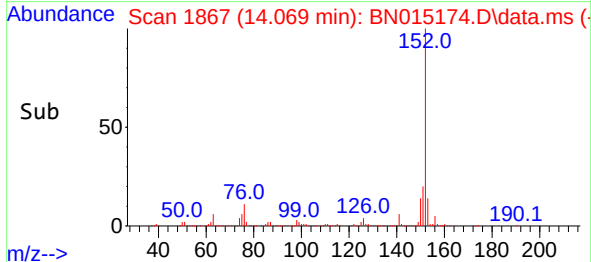
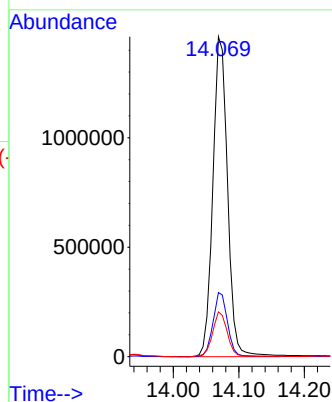
Instrument :
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ClientSampleId :
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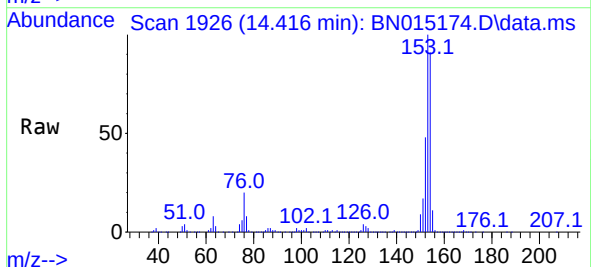
Tgt Ion:152 Resp: 2274845
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 14.0 10.0 15.0

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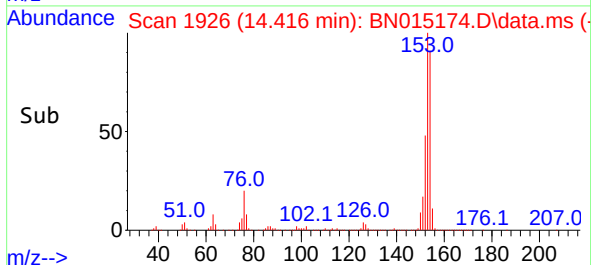
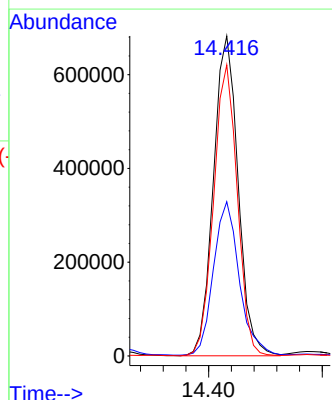
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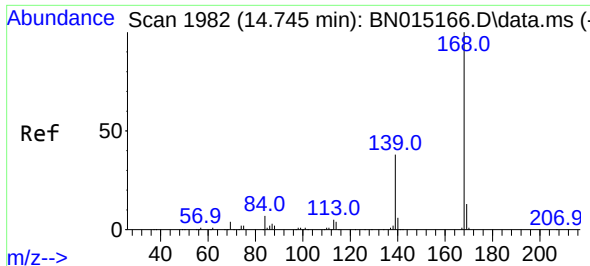


#52
Acenaphthene
Concen: 35.547 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10



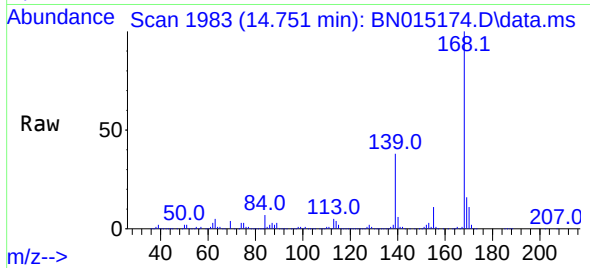
Tgt Ion:153 Resp: 1030662
Ion Ratio Lower Upper
153 100
152 48.2 37.6 56.4
154 90.9 71.6 107.4





#56
Dibenzofuran
Concen: 46.591 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

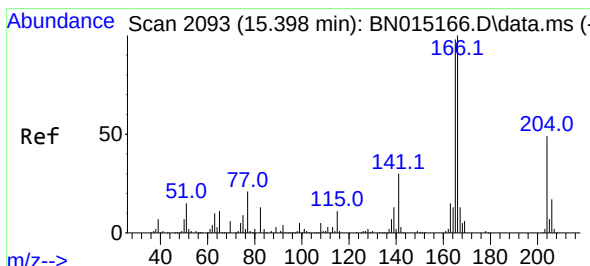
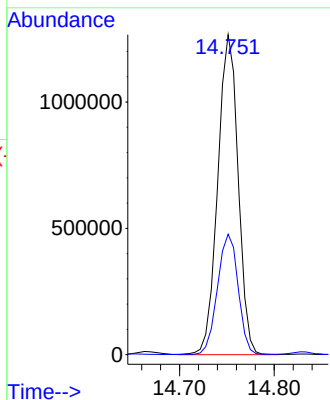
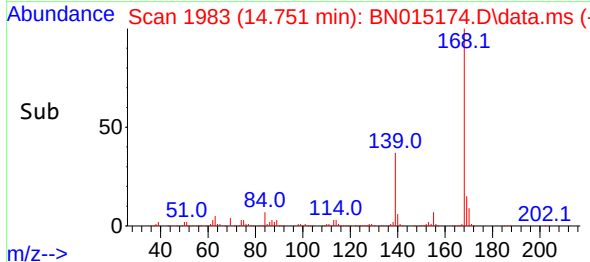
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ClientSampled :
BGDD3



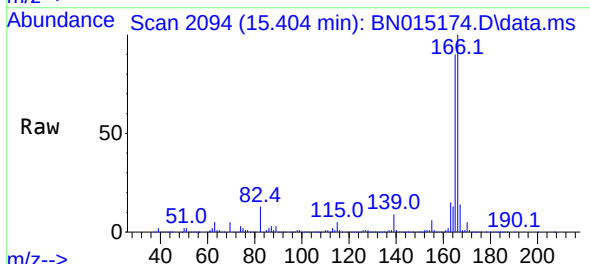
Tgt Ion:168 Resp: 1897424
Ion Ratio Lower Upper
168 100
139 37.7 29.0 43.4

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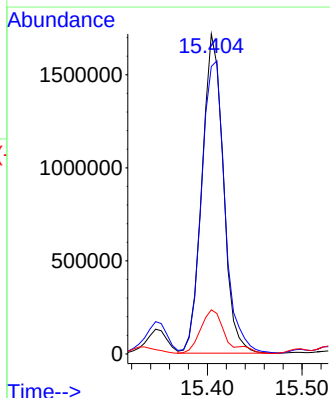
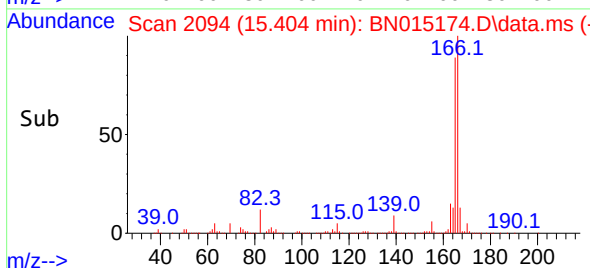
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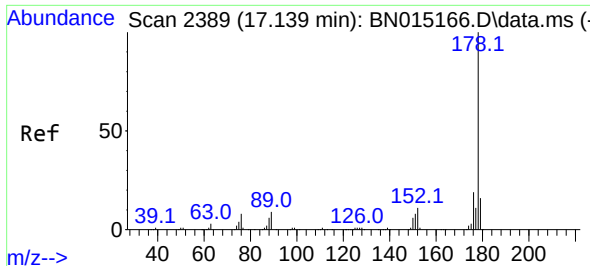


#61
Fluorene
Concen: 83.242 ng/ul
RT: 15.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN015174.D
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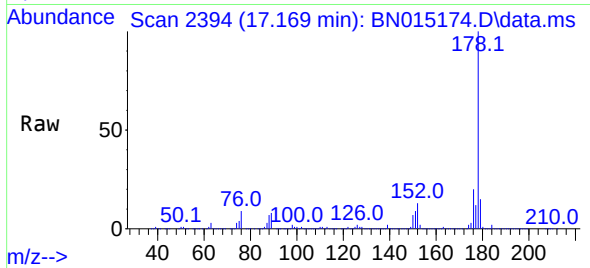
Tgt Ion:166 Resp: 2683612
Ion Ratio Lower Upper
166 100
165 89.9 78.2 117.4
167 13.8 11.0 16.4





#72
Phenanthrene
Concen: 239.893 ng/u1
RT: 17.169 min Scan# 2394
Delta R.T. 0.029 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

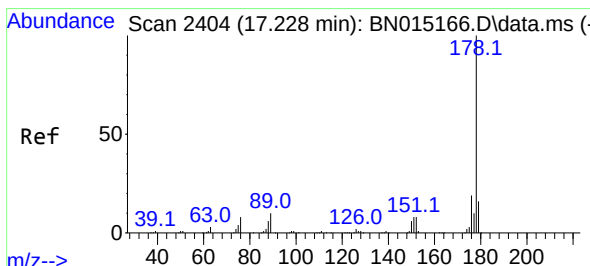
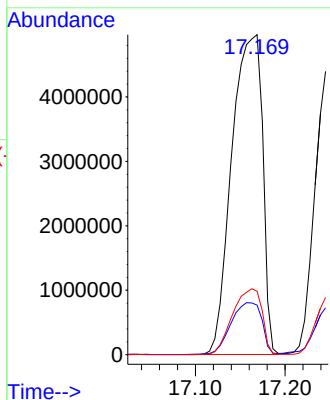
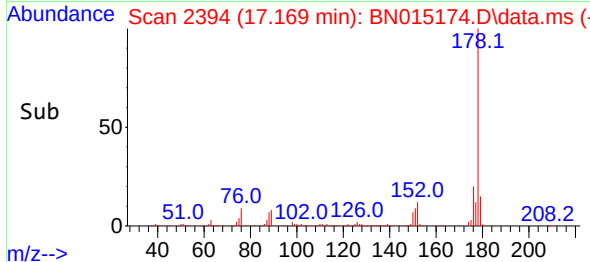
Instrument :
BNA_N
ClientSampled :
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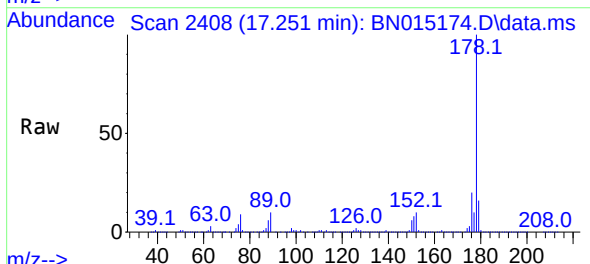
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Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.8 15.4 23.2

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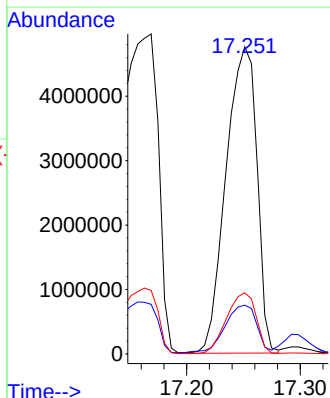
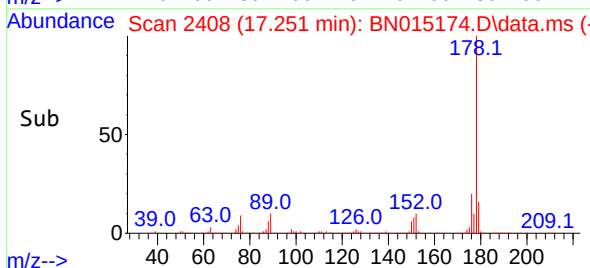
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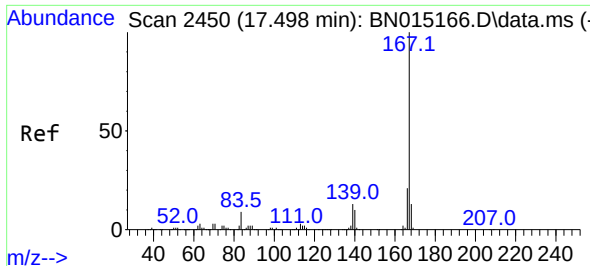


#74
Anthracene
Concen: 178.240 ng/u1
RT: 17.251 min Scan# 2408
Delta R.T. 0.018 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10



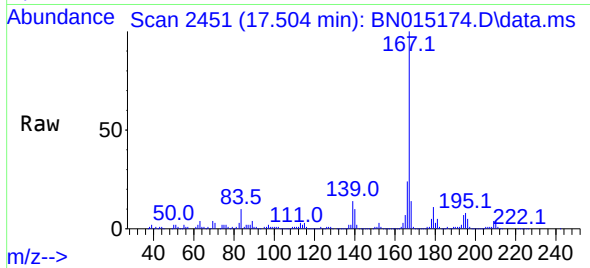
Tgt Ion:178 Resp: 9008054
Ion Ratio Lower Upper
178 100
179 15.9 11.6 17.4
176 19.9 14.6 21.8





#77
 Carbazole
 Concen: 10.573 ng/u1
 RT: 17.504 min Scan# 2451
 Delta R.T. 0.006 min
 Lab File: BN015174.D
 Acq: 28 Jun 2021 14:10

Instrument :
 BNA_N
 ClientSampled :
 BGDD3

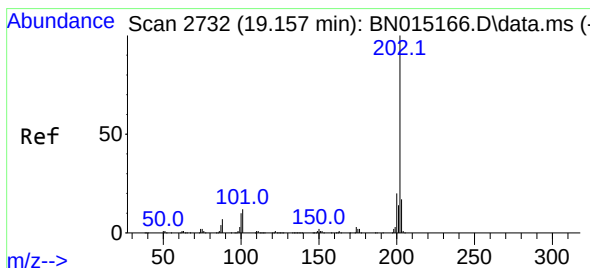
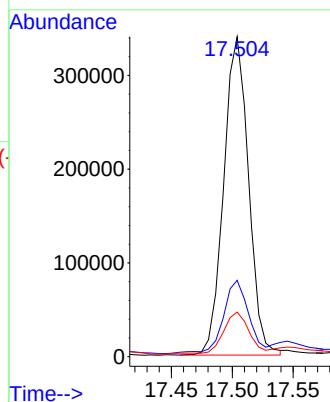


Tgt Ion:167 Resp: 481621

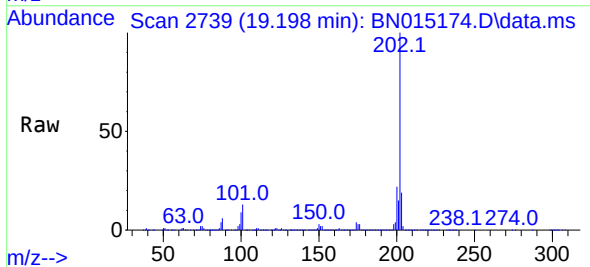
Ion	Ratio	Lower	Upper
167	100		
166	23.9	16.4	24.6
139	14.0	10.0	15.0

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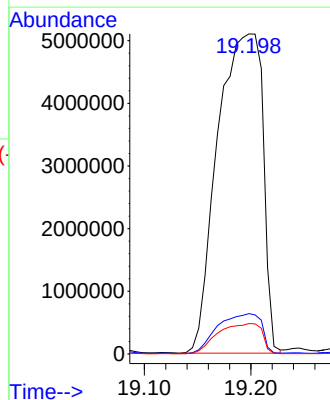
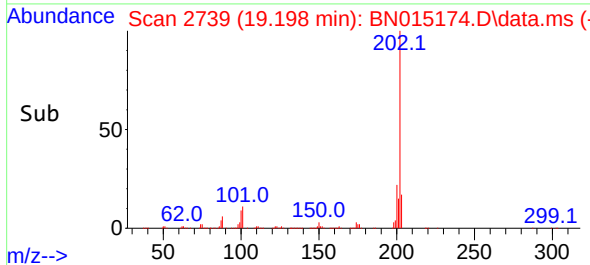


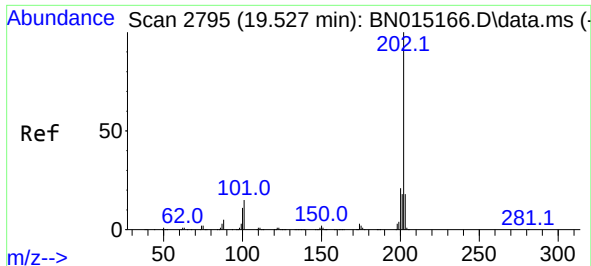
#80
 Fluoranthene
 Concen: 442.953 ng/u1
 RT: 19.198 min Scan# 2739
 Delta R.T. 0.035 min
 Lab File: BN015174.D
 Acq: 28 Jun 2021 14:10



Tgt Ion:202 Resp:15038334

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.5	14.3
100	9.5	7.4	11.2





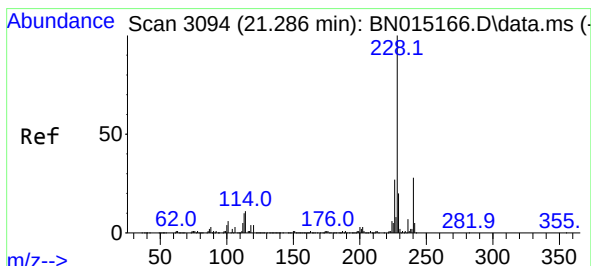
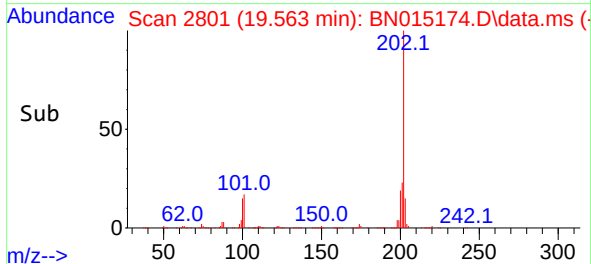
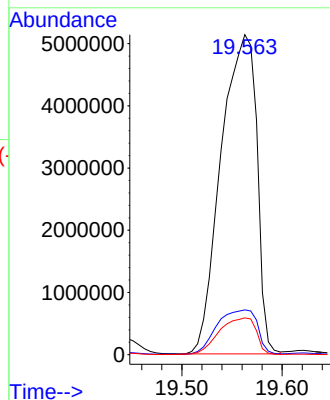
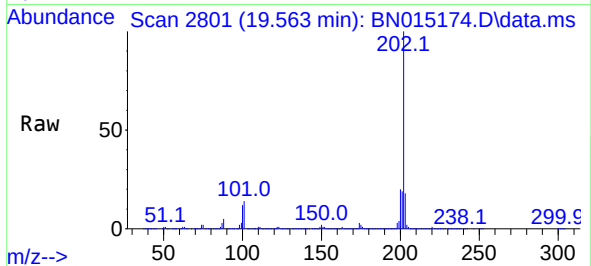
#82
Pyrene
Concen: 359.375 ng/ul
RT: 19.563 min Scan# 2801
Delta R.T. 0.035 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

Tgt Ion:202 Resp:12716818
Ion Ratio Lower Upper
202 100
101 14.0 11.6 17.4
100 11.5 9.2 13.8

Instrument :
BNA_N
ClientSampled :
BGDD3

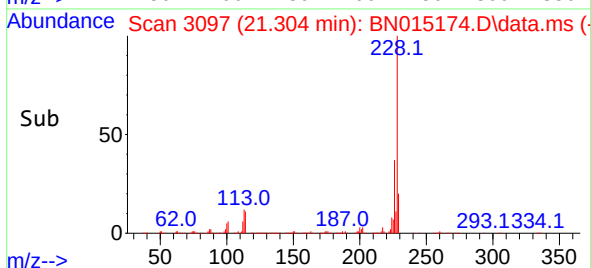
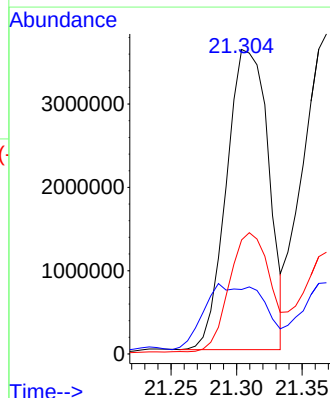
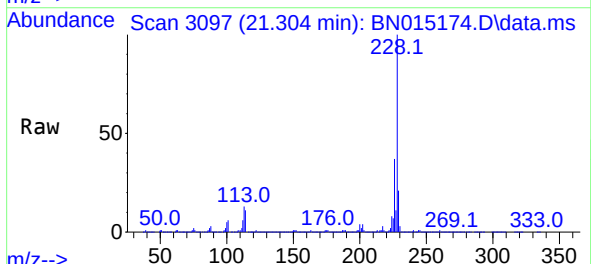
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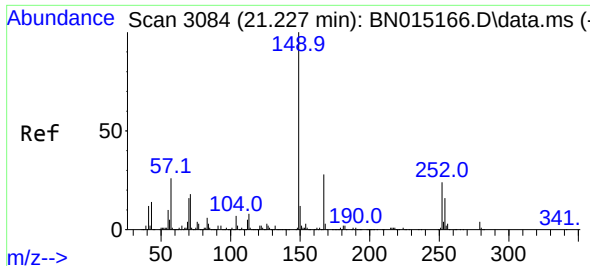
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#85
Benzo(a)anthracene
Concen: 242.042 ng/ul
RT: 21.304 min Scan# 3097
Delta R.T. 0.018 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

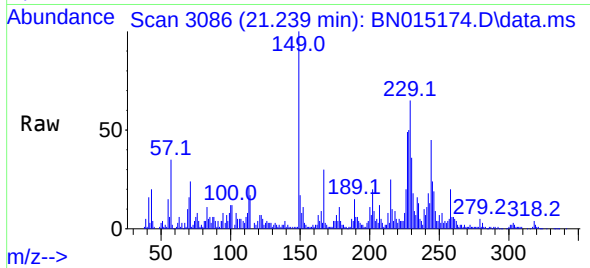
Tgt Ion:228 Resp: 8033037
Ion Ratio Lower Upper
228 100
229 21.2 14.8 22.2
226 37.5 20.2 30.4#





#86
Bis(2-ethylhexyl)phthalate
Concen: 6.303 ng/ul
RT: 21.239 min Scan# 3086
Delta R.T. 0.012 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

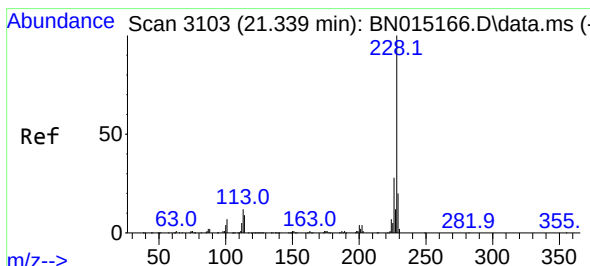
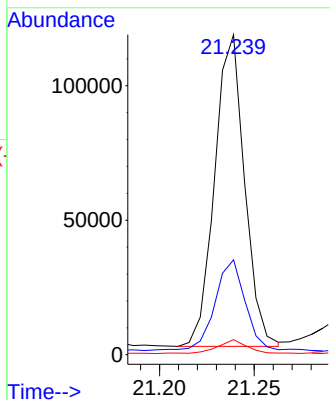
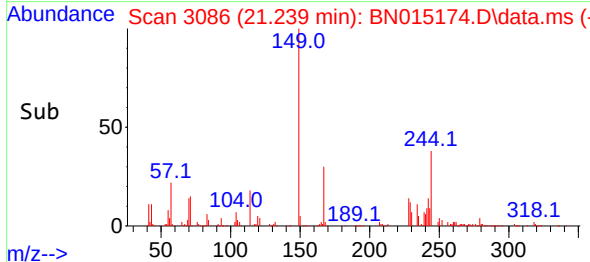
Instrument :
BNA_N
ClientSampled :
BGDD3



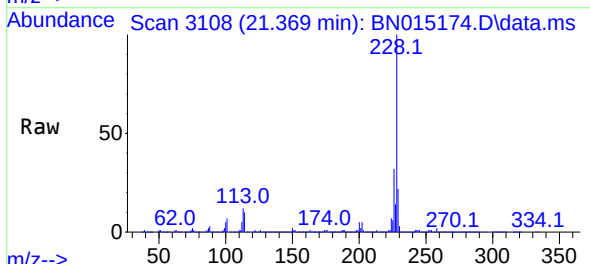
Tgt Ion:149 Resp: 127321
Ion Ratio Lower Upper
149 100
167 29.7 23.4 35.0
279 4.7 3.4 5.2

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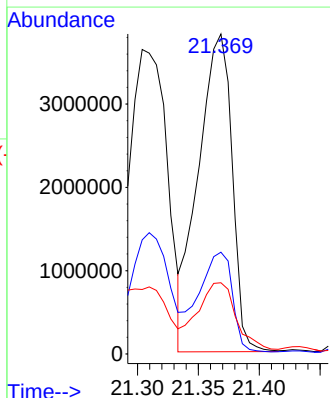
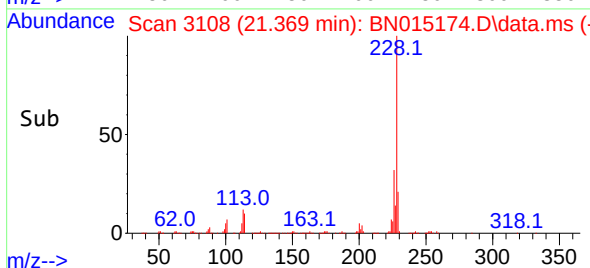
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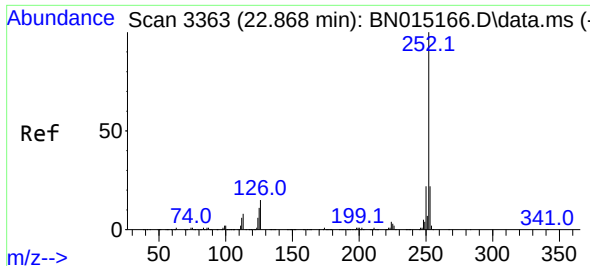


#87
Chrysene
Concen: 226.014 ng/ul
RT: 21.369 min Scan# 3108
Delta R.T. 0.035 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10



Tgt Ion:228 Resp: 7386583
Ion Ratio Lower Upper
228 100
226 31.8 22.6 33.8
229 22.3 15.5 23.3





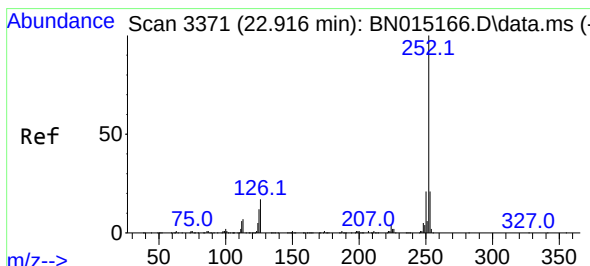
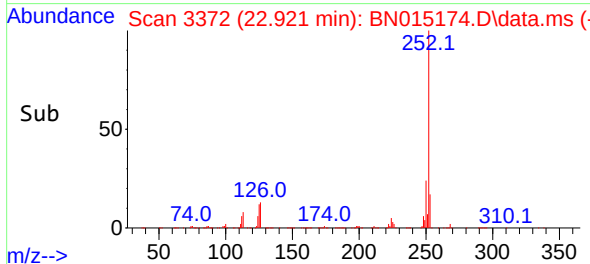
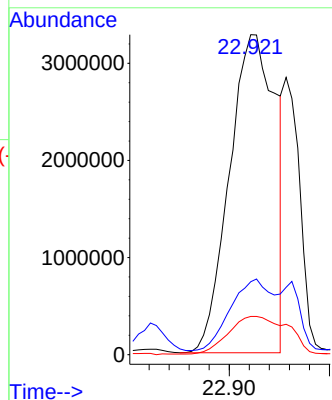
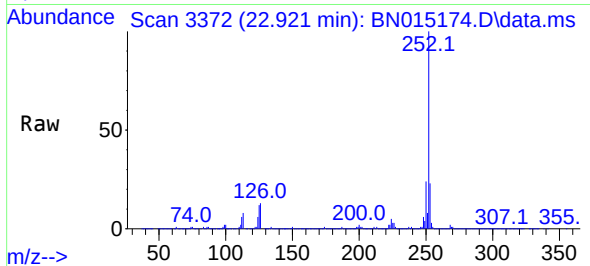
#90
Benzo(b)fluoranthene
Concen: 194.571 ng/ul
RT: 22.921 min Scan# 3372
Delta R.T. 0.053 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

Instrument :
BNA_N
ClientSampled :
BGDD3

Tgt Ion:252 Resp:10467086
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 12.0 9.4 14.0

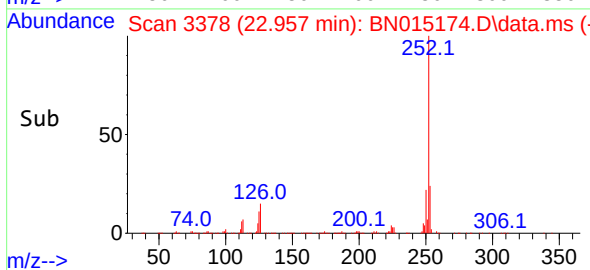
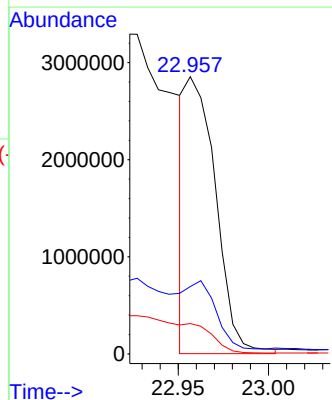
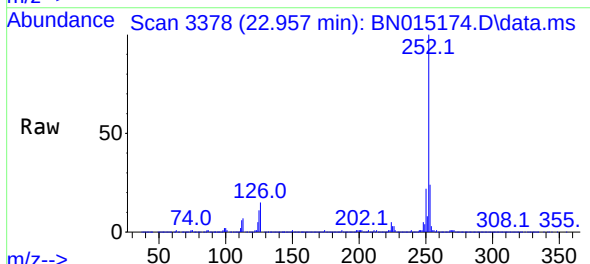
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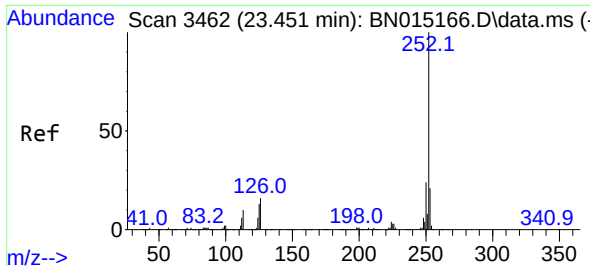
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#91
Benzo(k)fluoranthene
Concen: 59.821 ng/ul m
RT: 22.957 min Scan# 3378
Delta R.T. 0.041 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

Tgt Ion:252 Resp: 3257038
Ion Ratio Lower Upper
252 100
253 24.3 18.0 27.0
125 11.0 8.8 13.2





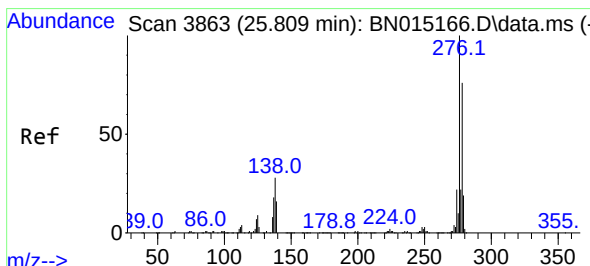
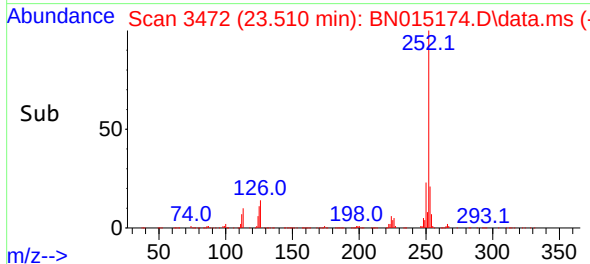
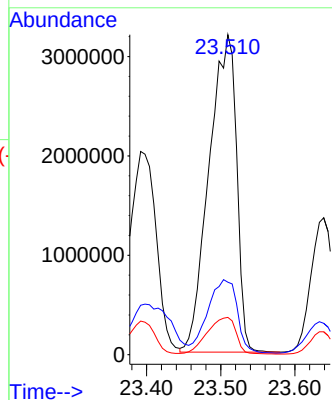
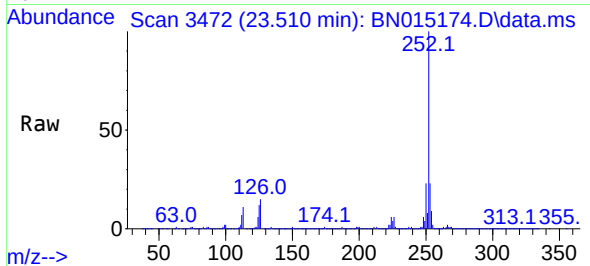
#93
Benzo(a)pyrene
Concen: 168.949 ng/ul
RT: 23.510 min Scan# 3472
Delta R.T. 0.065 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

Tgt Ion:252 Resp: 8260980
Ion Ratio Lower Upper
252 100
253 22.7 16.4 24.6
125 11.6 9.3 13.9

Instrument :
BNA_N
ClientSampled :
BGDD3

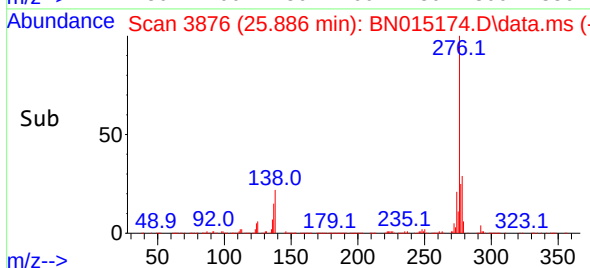
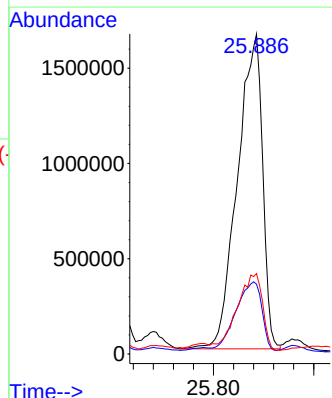
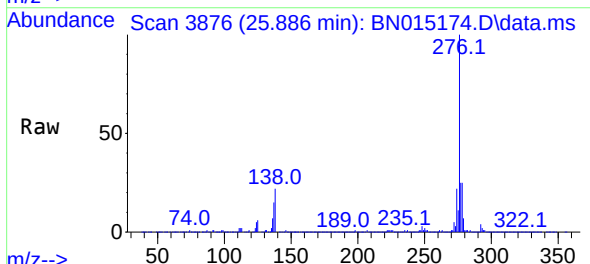
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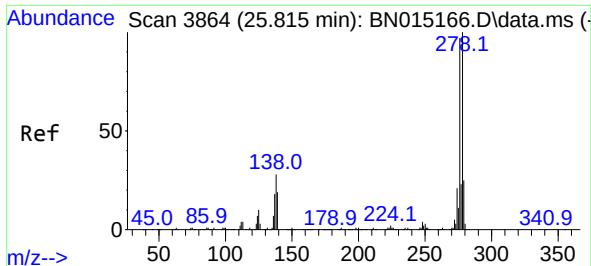
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#94
Indeno(1,2,3-cd)pyrene
Concen: 96.681 ng/ul
RT: 25.886 min Scan# 3876
Delta R.T. 0.082 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

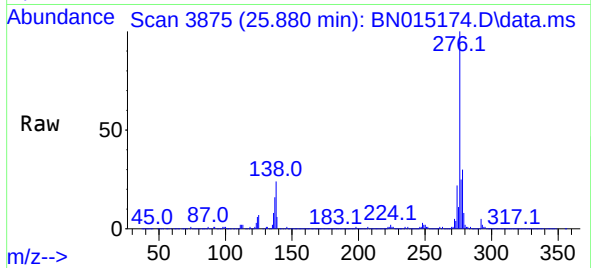
Tgt Ion:276 Resp: 5735338
Ion Ratio Lower Upper
276 100
138 21.8 23.0 34.4#
277 25.1 19.5 29.3





#95
Dibenzo(a,h)anthracene
Concen: 28.122 ng/ul
RT: 25.880 min Scan# 3875
Delta R.T. 0.059 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10

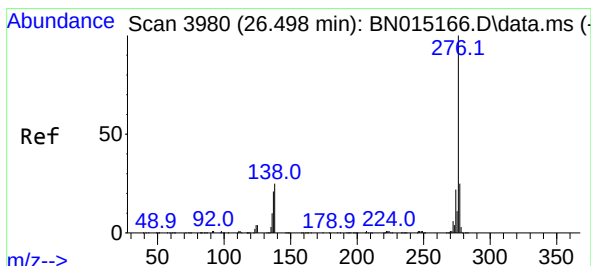
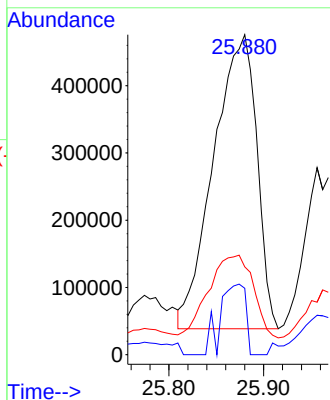
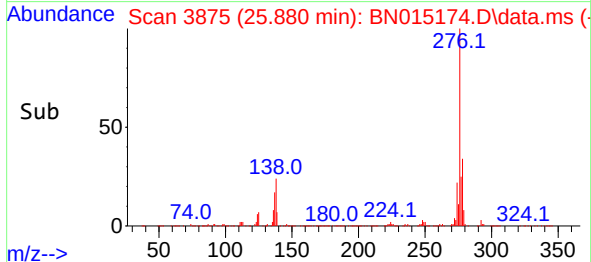
Instrument :
BNA_N
ClientSampled :
BGDD3



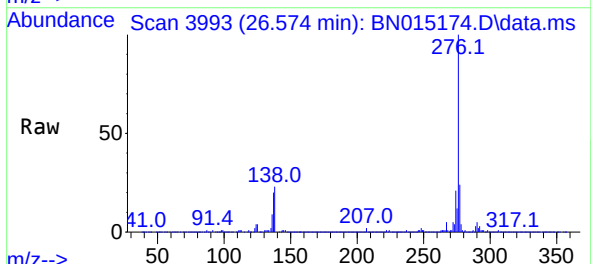
Tgt Ion:278 Resp: 1382734
Ion Ratio Lower Upper
278 100
139 20.8 14.8 22.2
279 27.5 20.2 30.4

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#96
Benzo(g,h,i)perylene
Concen: 91.349 ng/ul
RT: 26.574 min Scan# 3993
Delta R.T. 0.076 min
Lab File: BN015174.D
Acq: 28 Jun 2021 14:10



Tgt Ion:276 Resp: 4684351
Ion Ratio Lower Upper
276 100
138 23.3 19.4 29.2
277 23.8 18.4 27.6

