

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
 Data File : BN022374.D
 Acq On : 27 Oct 2022 23:01
 Operator : CG/JU
 Sample : N5119-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC1

Quant Time: Oct 28 00:38:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 28 00:29:18 2022
 Response via : Initial Calibration

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

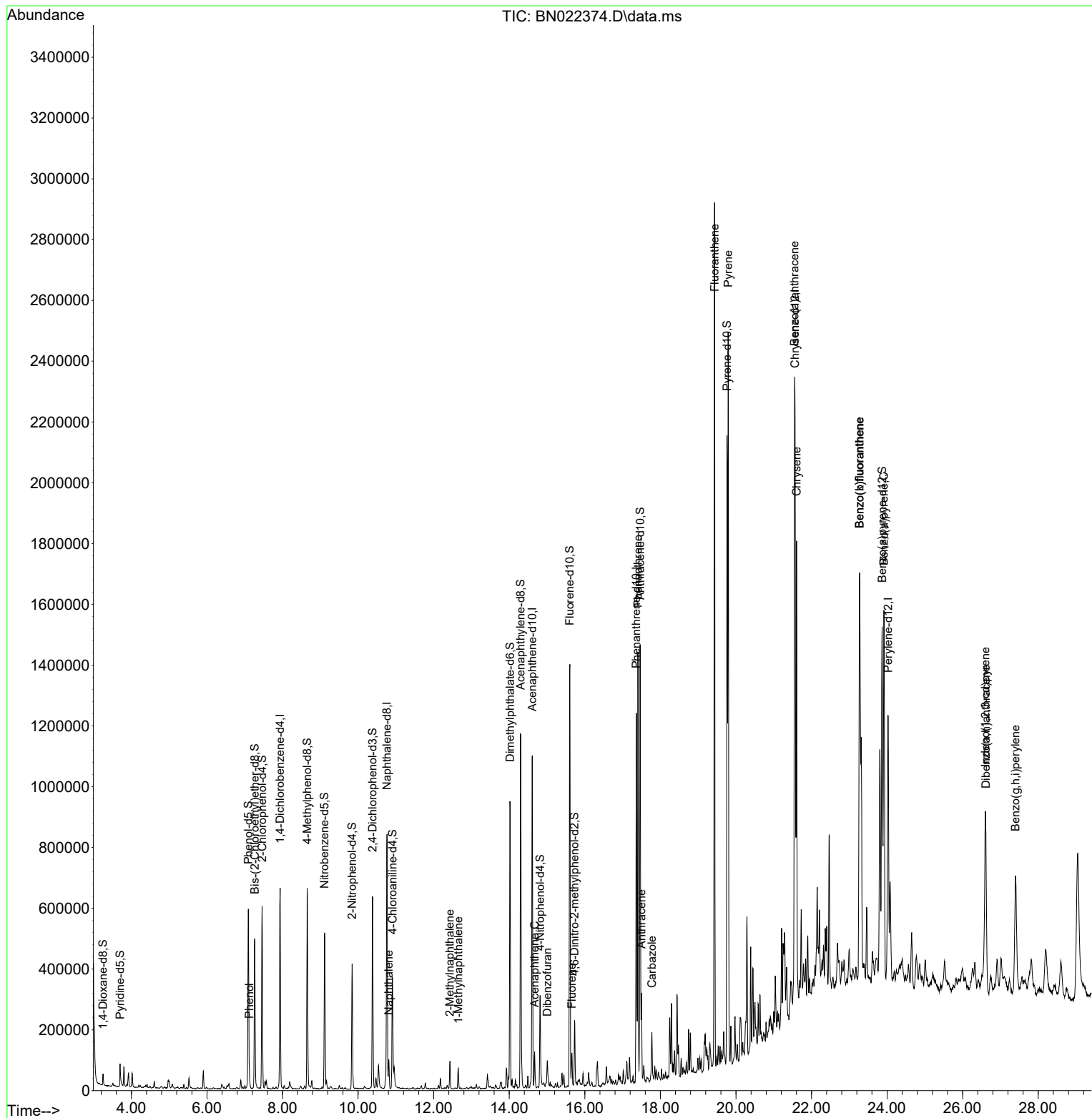
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	177180	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	676684	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	354937	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	671531	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	575912	20.000	ng/ul	-0.01
88) Perylene-d12	24.027	264	653058	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	19400	4.150	ng/uL	0.00
4) Pyridine-d5	3.699	84	39657	2.727	ng/ul	0.02
7) Phenol-d5	7.093	99	345890	19.969	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	219172	20.193	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	269160	22.412	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	250323	18.187	ng/ul	0.00
21) Nitrobenzene-d5	9.111	128	127949	25.786	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	127161	25.004	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	225728	23.646	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	220265	14.113	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	610480	24.674	ng/ul	0.00
49) Acenaphthylene-d8	14.299	160	730587	26.442	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	74022	14.016	ng/ul	0.00
60) Fluorene-d10	15.598	176	534816	25.628	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	40626	10.604	ng/ul	-0.01
73) Anthracene-d10	17.463	188	751832	25.763	ng/ul	0.00
81) Pyrene-d10	19.763	212	839406	29.275	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.869	264	839824	26.222	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.117	94	19378	1.054	ng/ul	94
30) Naphthalene	10.810	128	74430	2.053	ng/ul	98
36) 2-Methylnaphthalene	12.428	142	43598	1.742	ng/ul	96
37) 1-Methylnaphthalene	12.652	142	31900	1.273	ng/ul	93
52) Acenaphthene	14.669	153	42492	1.899	ng/ul	97
56) Dibenzofuran	15.010	168	43296	1.418	ng/ul	100
61) Fluorene	15.657	166	42189	1.719	ng/ul	93
72) Phenanthrene	17.404	178	783317	21.624	ng/ul	97
74) Anthracene	17.498	178	162714	4.522	ng/ul	97
77) Carbazole	17.775	167	90160	2.709	ng/ul	98
80) Fluoranthene	19.434	202	1583913	44.006	ng/ul	98
82) Pyrene	19.792	202	1363577	36.212	ng/ul	100
85) Benzo(a)anthracene	21.551	228	799629	21.729	ng/ul#	93
87) Chrysene	21.604	228	818899	23.156	ng/ul	96
90) Benzo(b)fluoranthene	23.275	252	1272903	30.904	ng/ul	100
91) Benzo(k)fluoranthene	23.275	252	1272903	31.280	ng/ul	99
93) Benzo(a)pyrene	23.916	252	846302	22.989	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.604	276	601159	13.065	ng/ul	94
95) Dibenzo(a,h)anthracene	26.616	278	147382	3.580	ng/ul#	73
96) Benzo(g,h,i)perylene	27.398	276	507146	12.251	ng/ul	98

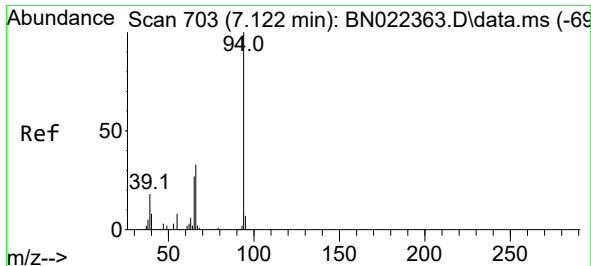
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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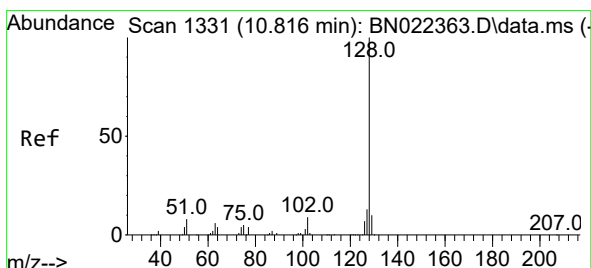
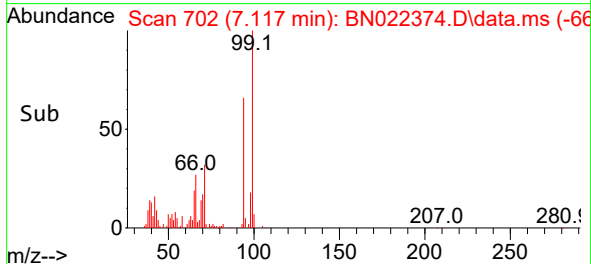
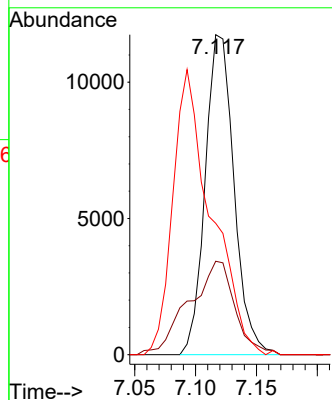
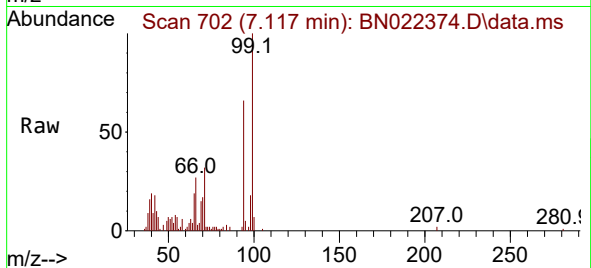




#8
Phenol
Concen: 1.054 ng/ul
RT: 7.117 min Scan# 703
Delta R.T. -0.005 min
Lab File: BN022374.D
Acq: 27 Oct 2022 23:01

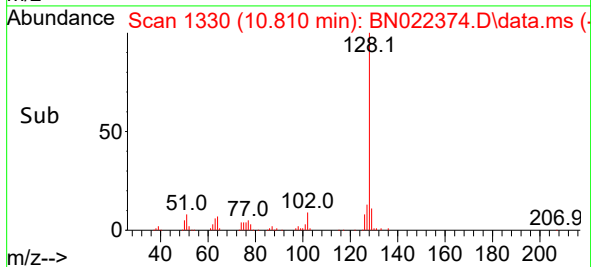
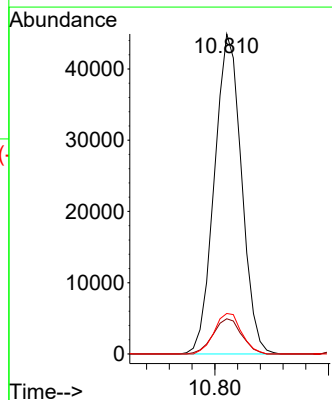
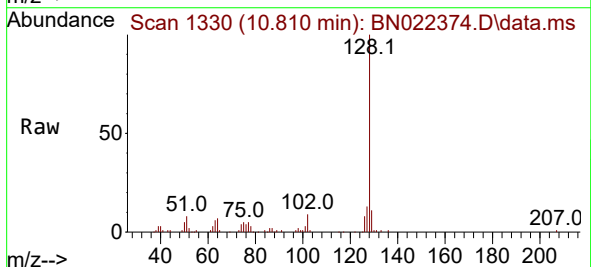
Instrument :
BNA_N
ClientSampleId :
C0BC1

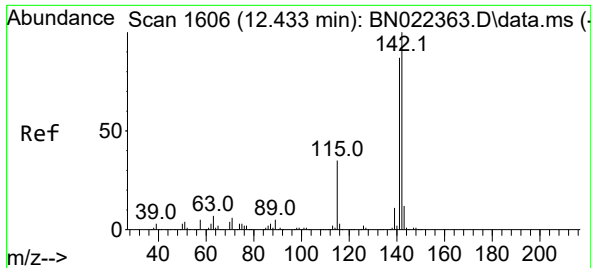
Tgt Ion: 94 Resp: 19378
Ion Ratio Lower Upper
94 100
65 29.2 22.1 33.1
66 41.0 29.0 43.6



#30
Naphthalene
Concen: 2.053 ng/ul
RT: 10.810 min Scan# 1330
Delta R.T. -0.005 min
Lab File: BN022374.D
Acq: 27 Oct 2022 23:01

Tgt Ion: 128 Resp: 74430
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.7 10.8 16.2

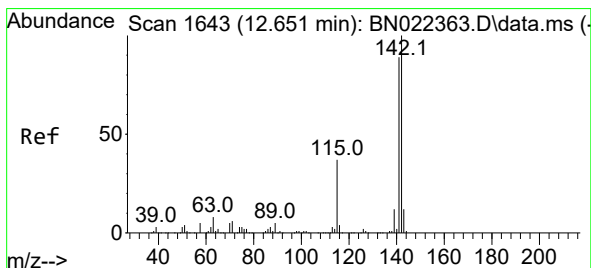
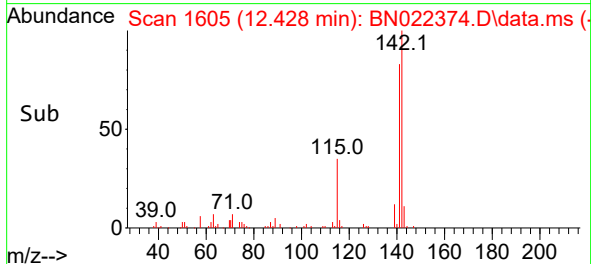
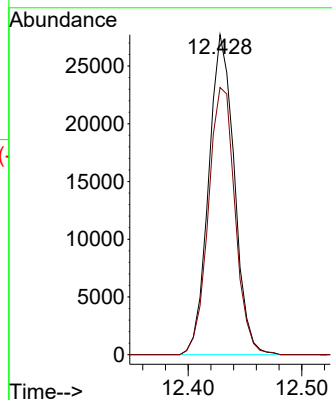
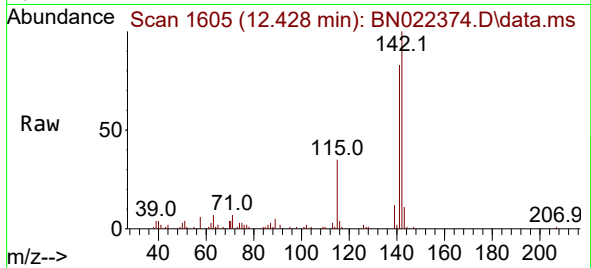




#36
2-Methylnaphthalene
Concen: 1.742 ng/ul
RT: 12.428 min Scan# 1605
Delta R.T. -0.005 min
Lab File: BN022374.D
Acq: 27 Oct 2022 23:01

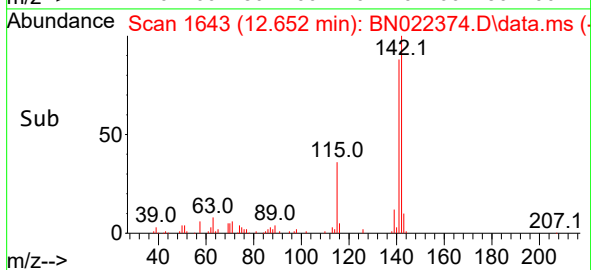
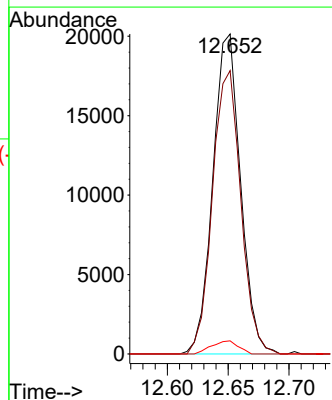
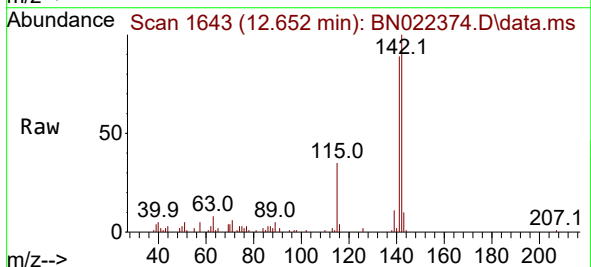
Instrument :
BNA_N
ClientSampleId :
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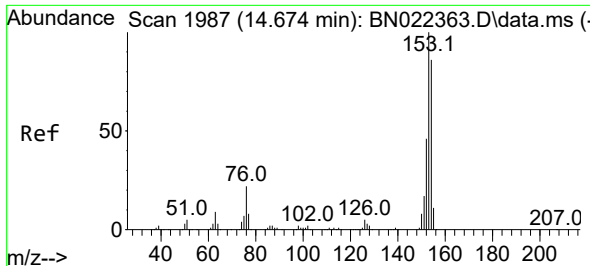
Tgt Ion:142 Resp: 43598
Ion Ratio Lower Upper
142 100
141 83.5 69.7 104.5



#37
1-Methylnaphthalene
Concen: 1.273 ng/ul
RT: 12.652 min Scan# 1643
Delta R.T. 0.000 min
Lab File: BN022374.D
Acq: 27 Oct 2022 23:01

Tgt Ion:142 Resp: 31900
Ion Ratio Lower Upper
142 100
141 88.6 76.7 115.1
116 4.1 3.1 4.7

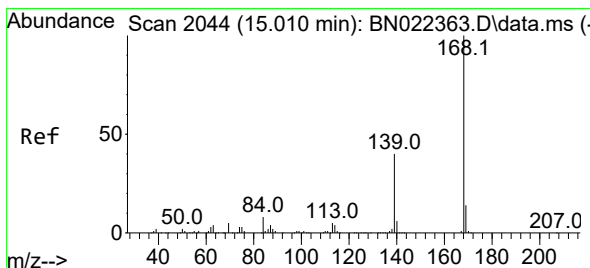
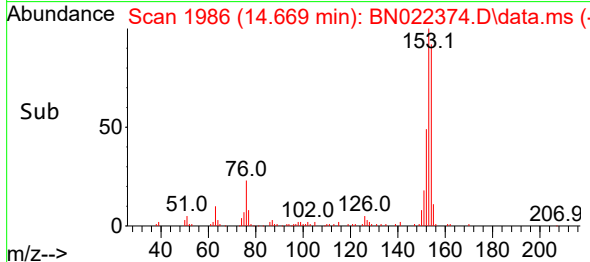
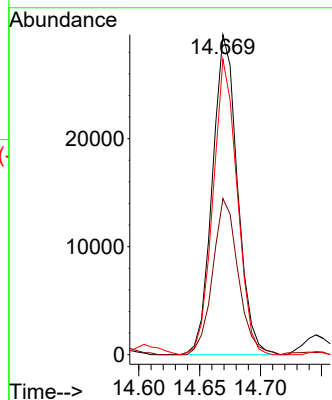
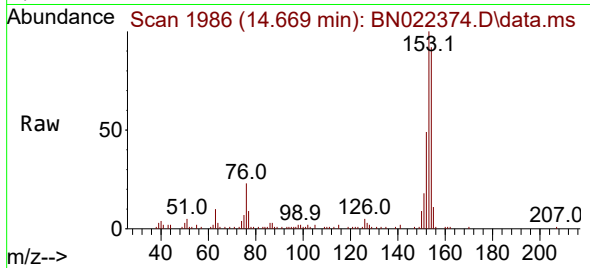




#52
Acenaphthene
Concen: 1.899 ng/ul
RT: 14.669 min Scan# 1987
Delta R.T. -0.005 min
Lab File: BN022374.D
Acq: 27 Oct 2022 23:01

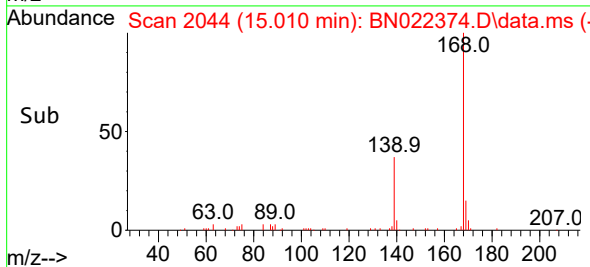
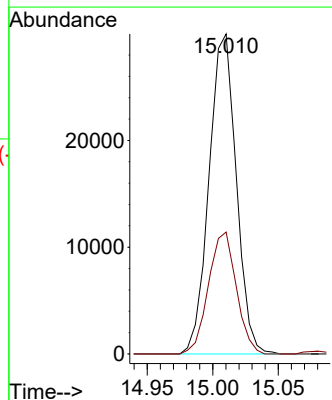
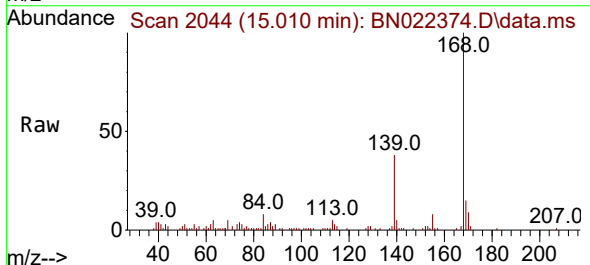
Instrument :
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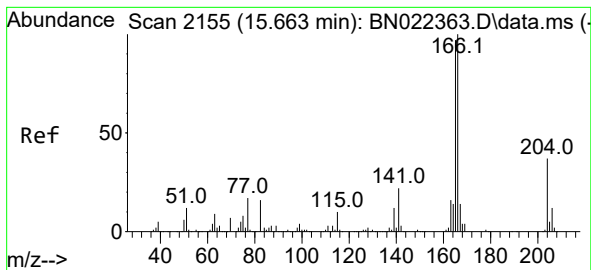
Tgt Ion:153 Resp: 42492
Ion Ratio Lower Upper
153 100
152 48.8 38.0 57.0
154 92.4 71.1 106.7



#56
Dibenzofuran
Concen: 1.418 ng/ul
RT: 15.010 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN022374.D
Acq: 27 Oct 2022 23:01

Tgt Ion:168 Resp: 43296
Ion Ratio Lower Upper
168 100
139 38.1 30.6 45.8

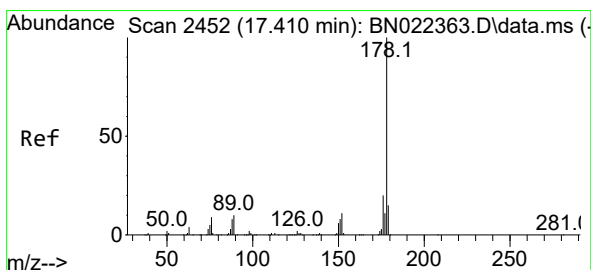
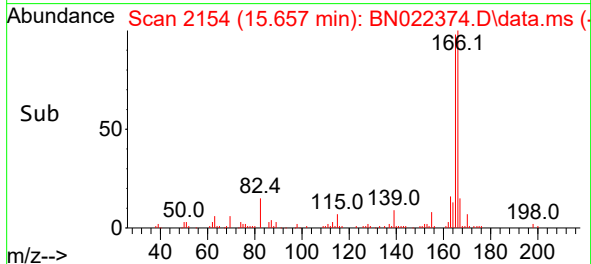
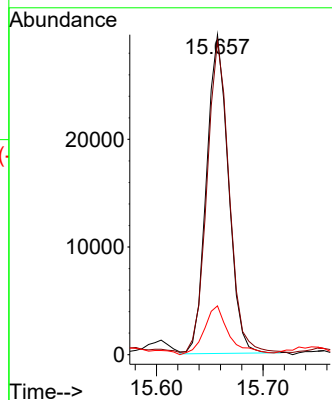
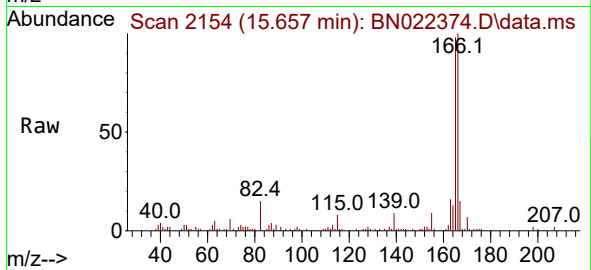




#61
Fluorene
Concen: 1.719 ng/ul
RT: 15.657 min Scan# 2154
Delta R.T. -0.005 min
Lab File: BN022374.D
Acq: 27 Oct 2022 23:01

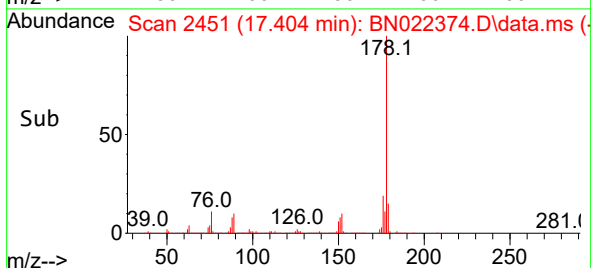
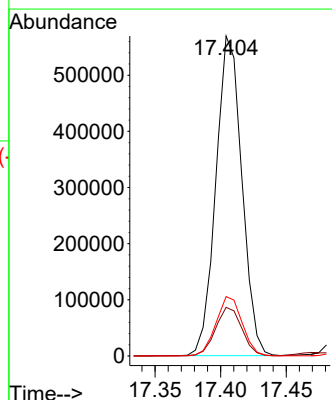
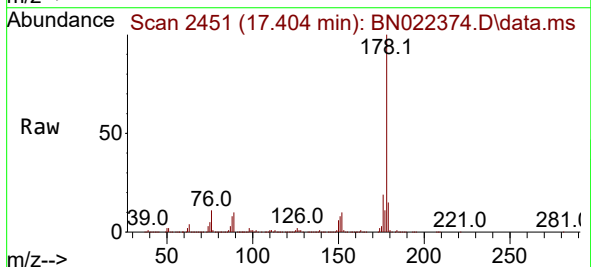
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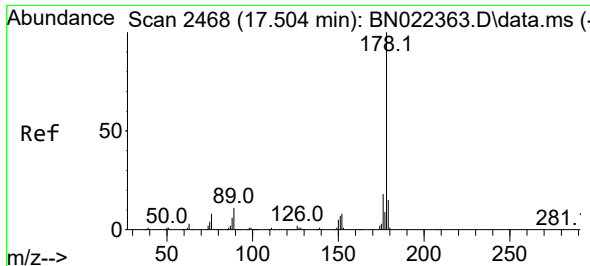
Tgt Ion:166 Resp: 42189
Ion Ratio Lower Upper
166 100
165 98.1 72.8 109.2
167 15.2 10.6 16.0



#72
Phenanthrene
Concen: 21.624 ng/ul
RT: 17.404 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BN022374.D
Acq: 27 Oct 2022 23:01

Tgt Ion:178 Resp: 783317
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 18.6 16.5 24.7

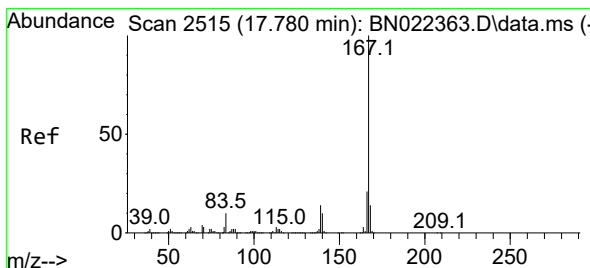
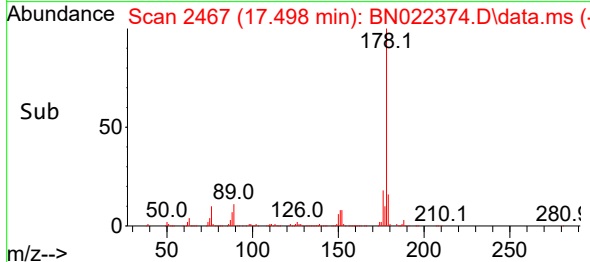
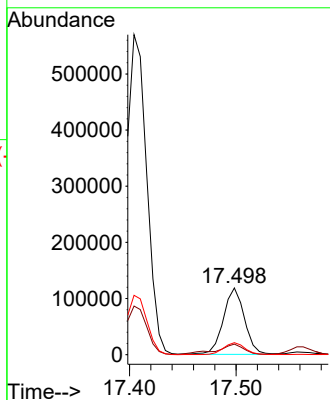
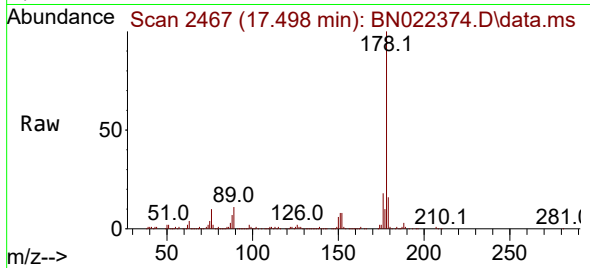




#74
 Anthracene
 Concen: 4.522 ng/ul
 RT: 17.498 min Scan# 2468
 Delta R.T. -0.005 min
 Lab File: BN022374.D
 Acq: 27 Oct 2022 23:01

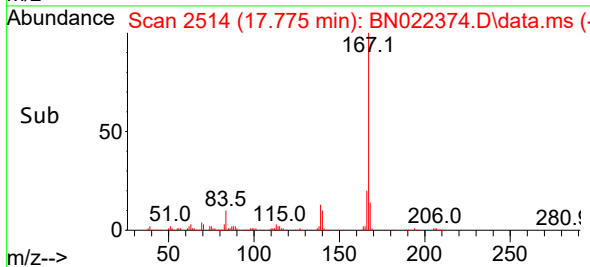
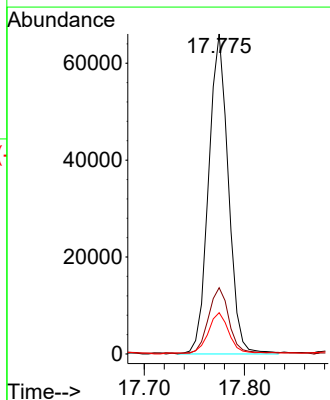
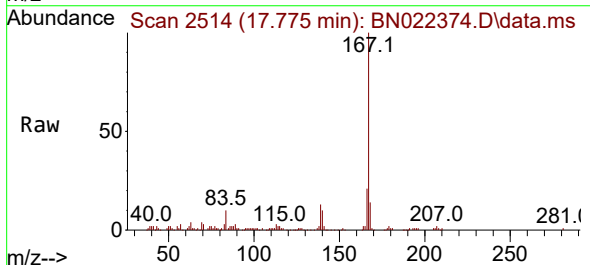
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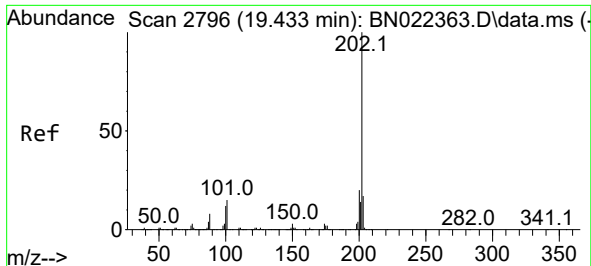
Tgt Ion:178 Resp: 162714
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.0 19.6
 176 18.0 15.8 23.6



#77
 Carbazole
 Concen: 2.709 ng/ul
 RT: 17.775 min Scan# 2514
 Delta R.T. -0.005 min
 Lab File: BN022374.D
 Acq: 27 Oct 2022 23:01

Tgt Ion:167 Resp: 90160
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.3 25.9
 139 12.9 10.7 16.1

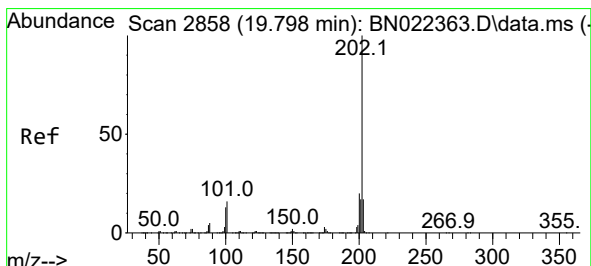
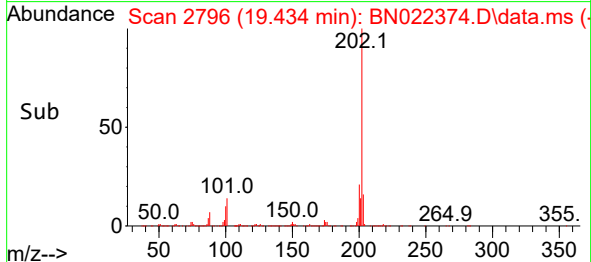
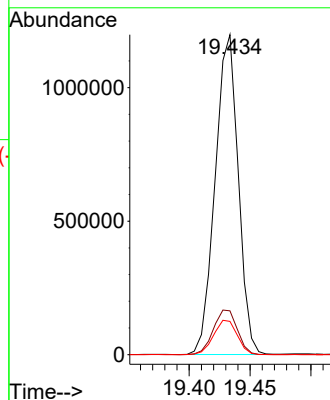
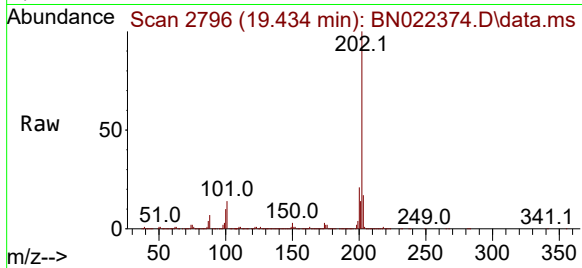




#80
Fluoranthene
Concen: 44.006 ng/ul
RT: 19.434 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022374.D
Acq: 27 Oct 2022 23:01

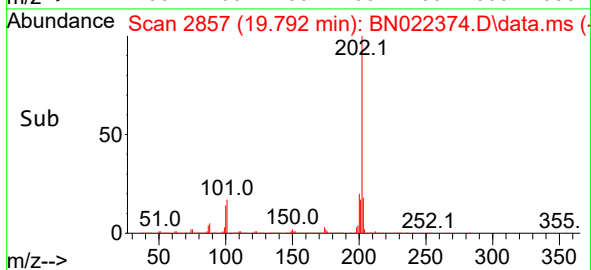
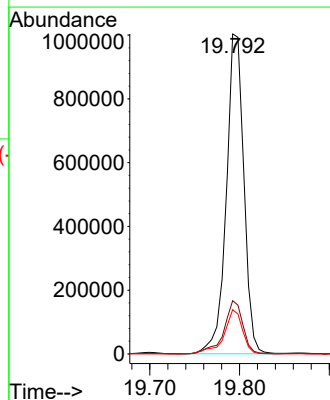
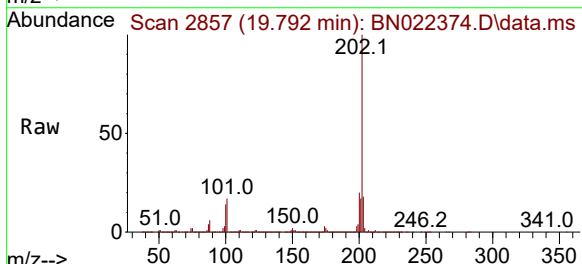
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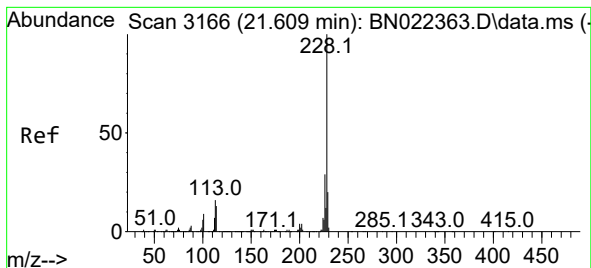
Tgt Ion:202 Resp: 1583913
Ion Ratio Lower Upper
202 100
101 13.7 10.3 15.5
100 10.4 7.8 11.8



#82
Pyrene
Concen: 36.212 ng/ul
RT: 19.792 min Scan# 2857
Delta R.T. -0.005 min
Lab File: BN022374.D
Acq: 27 Oct 2022 23:01

Tgt Ion:202 Resp: 1363577
Ion Ratio Lower Upper
202 100
101 16.7 13.4 20.0
100 13.9 10.9 16.3





#85

Benzo(a)anthracene

Concen: 21.729 ng/ul

RT: 21.551 min Scan# 3156

Delta R.T. -0.005 min

Lab File: BN022374.D

Acq: 27 Oct 2022 23:01

Instrument :

BNA_N

ClientSampleId :

C0BC1

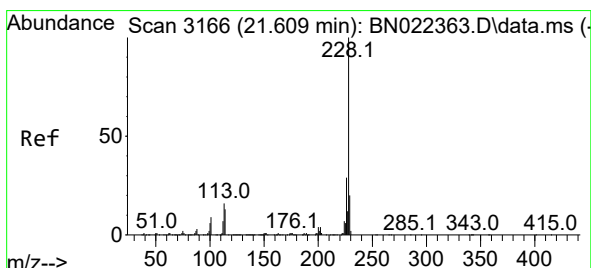
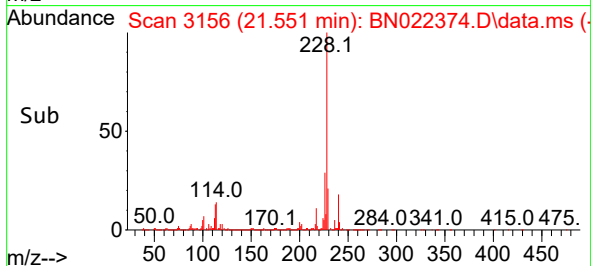
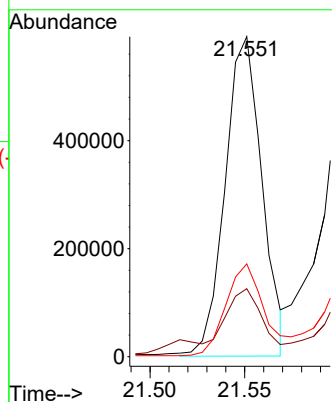
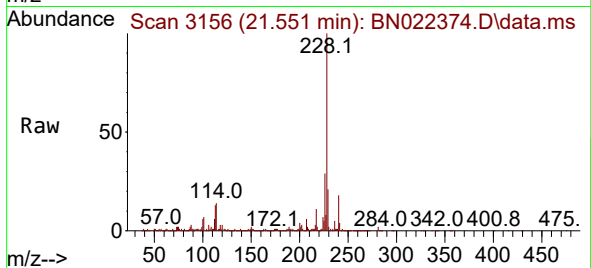
Tgt Ion:228 Resp: 799629

Ion Ratio Lower Upper

228 100

229 21.2 13.5 20.3#

226 29.0 21.0 31.6



#87

Chrysene

Concen: 23.156 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. -0.005 min

Lab File: BN022374.D

Acq: 27 Oct 2022 23:01

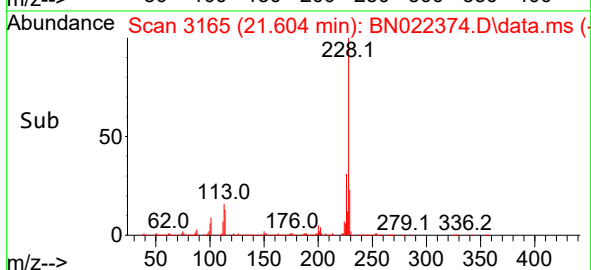
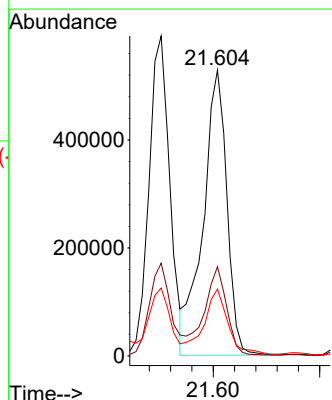
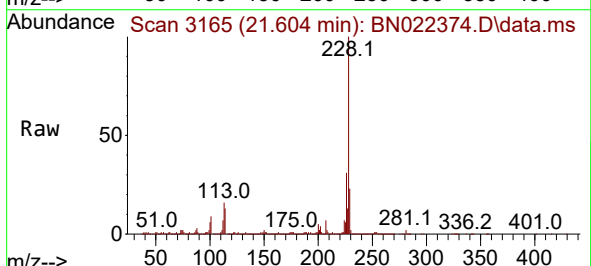
Tgt Ion:228 Resp: 818899

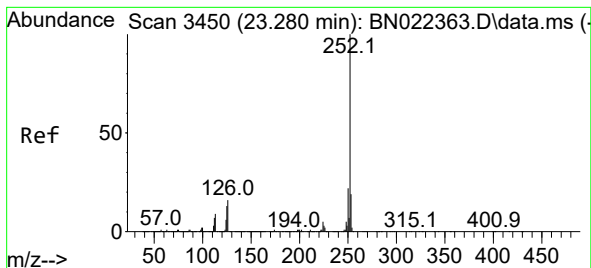
Ion Ratio Lower Upper

228 100

226 31.3 23.8 35.8

229 23.4 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 30.904 ng/ul

RT: 23.275 min Scan# 3449

Delta R.T. -0.005 min

Lab File: BN022374.D

Acq: 27 Oct 2022 23:01

Instrument :

BNA_N

ClientSampleId :

C0BC1

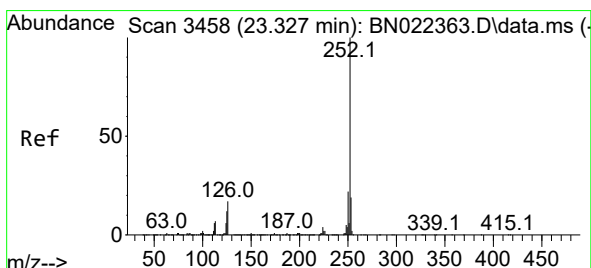
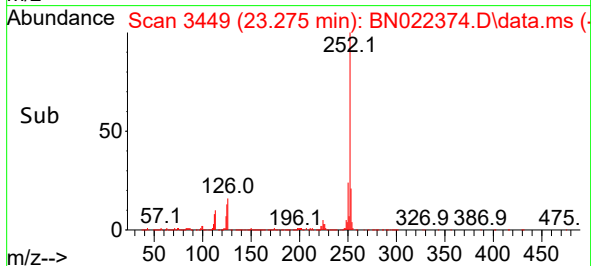
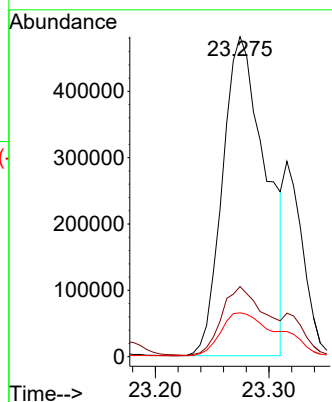
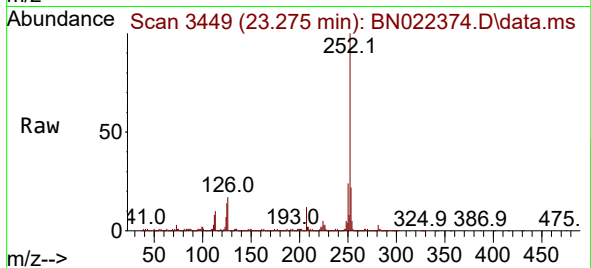
Tgt Ion:252 Resp: 1272903

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 13.7 10.7 16.1



#91

Benzo(k)fluoranthene

Concen: 31.280 ng/ul

RT: 23.275 min Scan# 3449

Delta R.T. -0.052 min

Lab File: BN022374.D

Acq: 27 Oct 2022 23:01

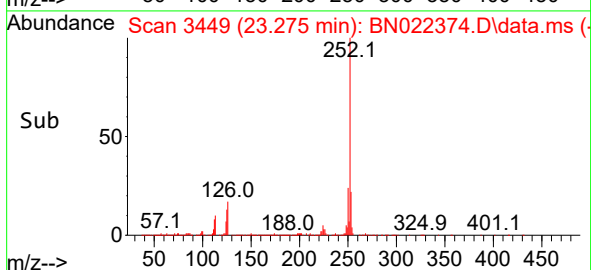
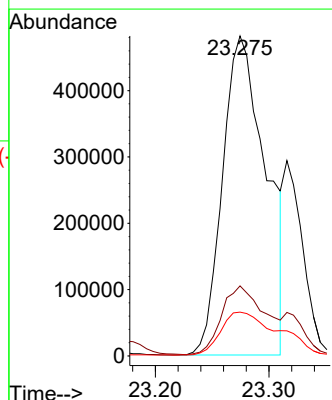
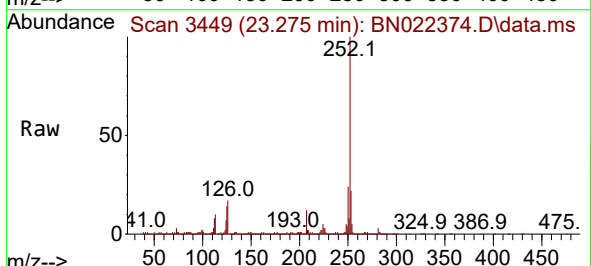
Tgt Ion:252 Resp: 1272903

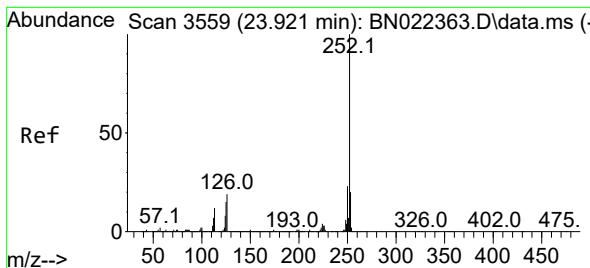
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 13.7 10.6 15.8





#93

Benzo(a)pyrene

Concen: 22.989 ng/ul

RT: 23.916 min Scan# 3

Delta R.T. -0.005 min

Lab File: BN022374.D

Acq: 27 Oct 2022 23:01

Instrument :

BNA_N

ClientSampleId :

C0BC1

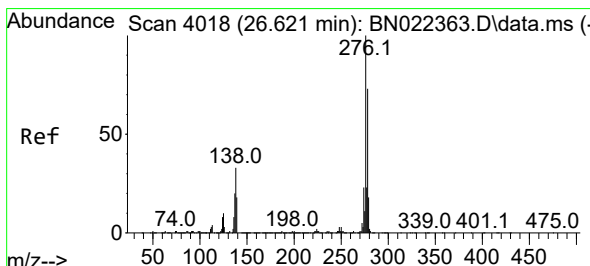
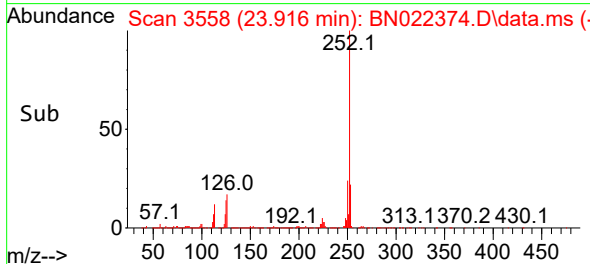
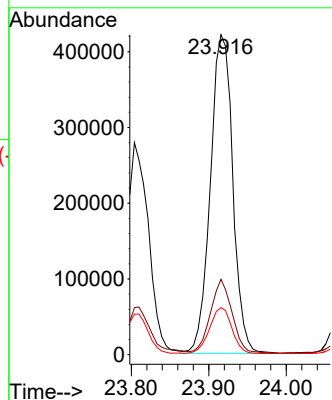
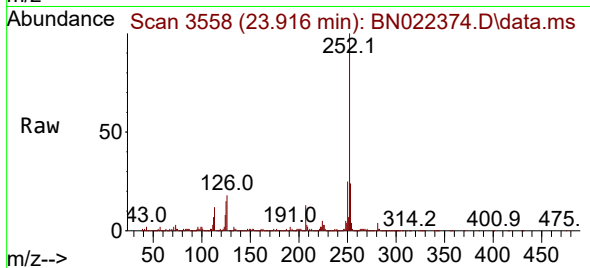
Tgt Ion:252 Resp: 846302

Ion Ratio Lower Upper

252 100

253 23.5 17.2 25.8

125 14.7 10.8 16.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 13.065 ng/ul

RT: 26.604 min Scan# 4015

Delta R.T. -0.017 min

Lab File: BN022374.D

Acq: 27 Oct 2022 23:01

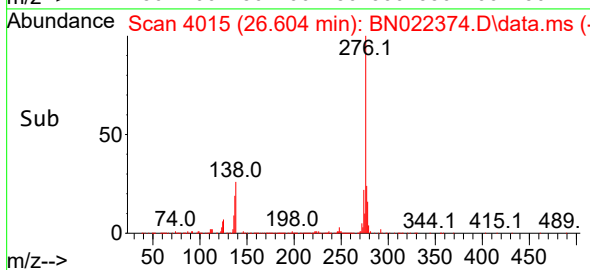
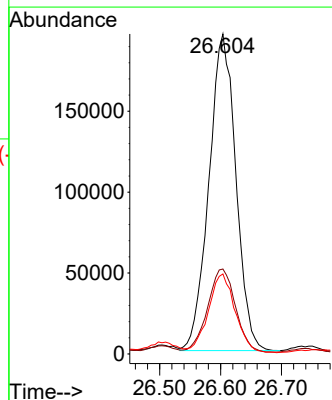
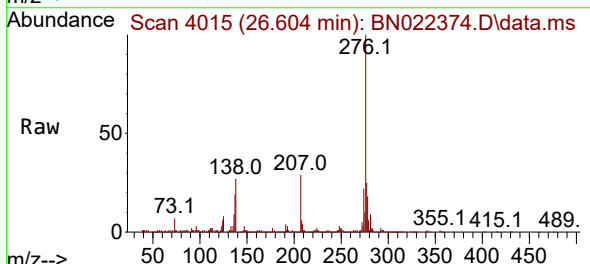
Tgt Ion:276 Resp: 601159

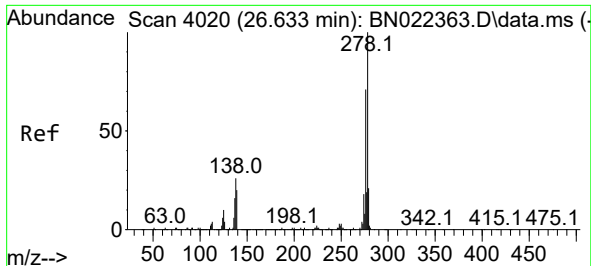
Ion Ratio Lower Upper

276 100

138 26.6 24.6 36.8

277 25.0 18.4 27.6

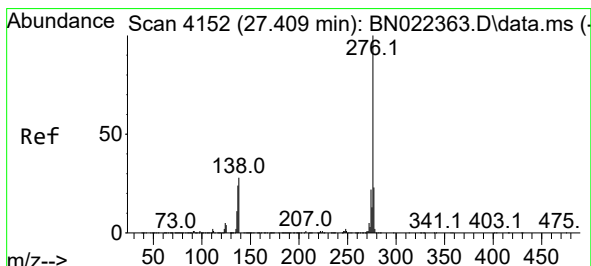
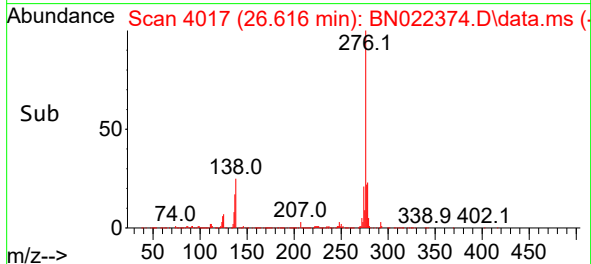
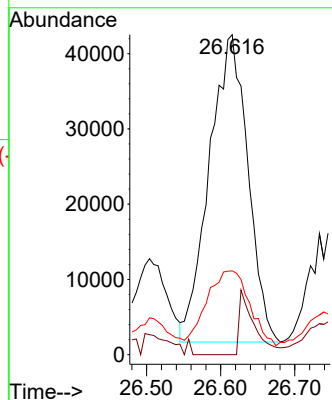
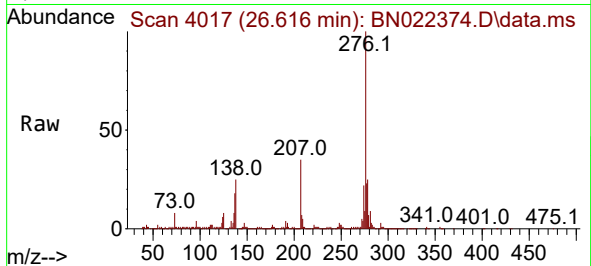




#95
 Dibenzo(a,h)anthracene
 Concen: 3.580 ng/ul
 RT: 26.616 min Scan# 40
 Delta R.T. -0.017 min
 Lab File: BN022374.D
 Acq: 27 Oct 2022 23:01

Instrument :
 BNA_N
 ClientSampleId :
 C0BC1

Tgt Ion:278 Resp: 147382
 Ion Ratio Lower Upper
 278 100
 139 0.0 15.7 23.5#
 279 26.2 16.5 24.7#



#96
 Benzo(g,h,i)perylene
 Concen: 12.251 ng/ul
 RT: 27.398 min Scan# 4150
 Delta R.T. -0.011 min
 Lab File: BN022374.D
 Acq: 27 Oct 2022 23:01

Tgt Ion:276 Resp: 507146
 Ion Ratio Lower Upper
 276 100
 138 26.7 21.2 31.8
 277 23.9 17.9 26.9

