

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021023\
 Data File : BN024002.D
 Acq On : 10 Feb 2023 14:48
 Operator : CG/JU
 Sample : 01443-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3E96

Quant Time: Feb 10 22:11:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 10 21:55:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	117446	20.000	ng/u1	0.00
20) Naphthalene-d8	10.640	136	506134	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.487	164	328859	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	708112	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	570261	20.000	ng/u1	0.00
88) Perylene-d12	23.833	264	525538	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	11210	3.860	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.999	99	268184	26.711	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	167491	26.436	ng/u1	0.00
11) 2-Chlorophenol-d4	7.358	132	206977	26.506	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	201346	25.670	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	100847	24.959	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	108863	23.995	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	202638	23.967	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	228623	20.008	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	688831	27.101	ng/u1	0.00
49) Acenaphthylene-d8	14.181	160	707651	25.131	ng/u1	0.00
54) 4-Nitrophenol-d4	14.698	143	115709	26.464	ng/u1	0.00
60) Fluorene-d10	15.481	176	566347	26.464	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	103896	21.236	ng/u1	0.00
73) Anthracene-d10	17.339	188	1025229	31.783	ng/u1	0.00
81) Pyrene-d10	19.633	212	1209523	35.210	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	930367	34.603	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	39557	12.876	ng/uL#	91
6) Benzaldehyde	6.969	77	165765	38.106	ng/u1	98
8) Phenol	7.028	94	437800	43.199	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.258	93	248643	30.185	ng/u1	98
19) Hexachloroethane	8.910	117	151578	45.691	ng/u1	94
22) Nitrobenzene	9.046	77	166544	16.247	ng/u1	97
25) 2-Nitrophenol	9.757	139	149145	31.423	ng/u1	94
30) Naphthalene	10.693	128	903860	33.302	ng/u1	100
36) 2-Methylnaphthalene	12.304	142	865393	47.356	ng/u1	99
37) 1-Methylnaphthalene	12.528	142	441324	23.738	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.675	216	178168	15.464	ng/u1	97
42) 2,4,5-Trichlorophenol	12.987	196	342815	43.298	ng/u1	97
43) 1,1'-Biphenyl	13.322	154	808830	30.890	ng/u1	99
44) 2-Chloronaphthalene	13.363	162	611709	30.052	ng/u1	97
50) Acenaphthylene	14.210	152	856265	28.563	ng/u1	99
52) Acenaphthene	14.551	153	531942	25.402	ng/u1	98
55) 4-Nitrophenol	14.710	109	90675	23.431	ng/u1	93
56) Dibenzofuran	14.887	168	403974	13.636	ng/u1	98
57) 2,4-Dinitrotoluene	14.863	165	163999	23.878	ng/u1	99
59) Diethylphthalate	15.316	149	441108	17.844	ng/u1	99
61) Fluorene	15.539	166	731953	30.145	ng/u1	99
69) Hexachlorobenzene	16.539	284	139184	14.682	ng/u1	97
72) Phenanthrene	17.281	178	1095103	29.053	ng/u1	96
74) Anthracene	17.375	178	1863407	49.372	ng/u1	97

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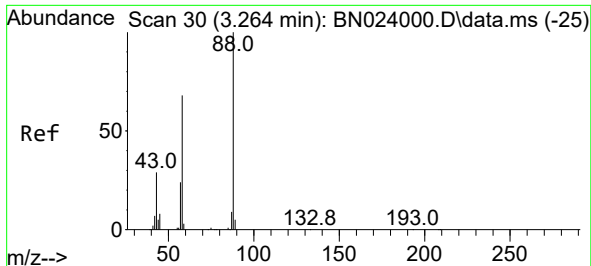
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

80) Fluoranthene	19.298	202	1241774	30.382	ng/ul	99
82) Pyrene	19.663	202	1132333	27.216	ng/ul	99
85) Benzo(a)anthracene	21.422	228	871334	22.050	ng/ul	99
87) Chrysene	21.474	228	725908	19.851	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	559586	15.401	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1364608	39.411	ng/ul	96
91) Benzo(k)fluoranthene	23.151	252	713813	21.637	ng/ul	98
93) Benzo(a)pyrene	23.721	252	729470	24.815	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.309	276	820691	21.630	ng/ul	96
95) Dibenzo(a,h)anthracene	26.321	278	459735	14.602	ng/ul	94
96) Benzo(g,h,i)perylene	27.074	276	1066329	34.750	ng/ul	98

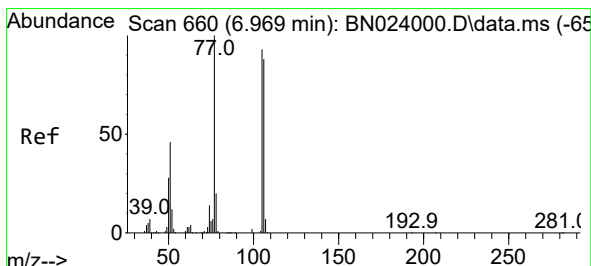
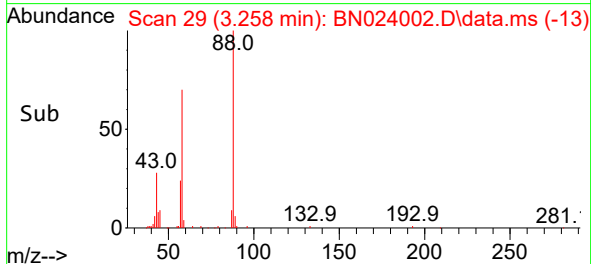
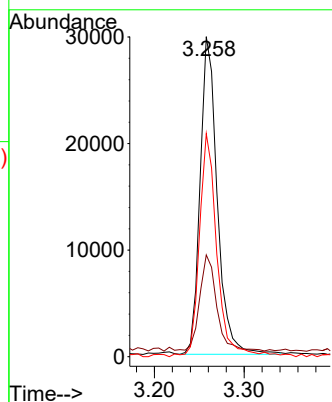
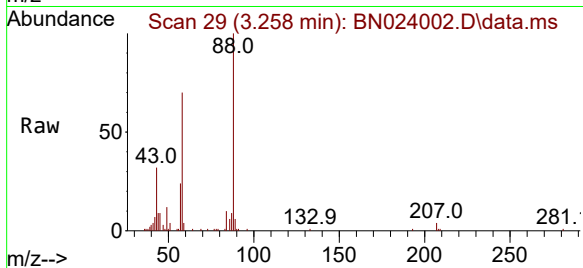
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 12.876 ng/uL
RT: 3.258 min Scan# 29
Delta R.T. -0.006 min
Lab File: BN024002.D
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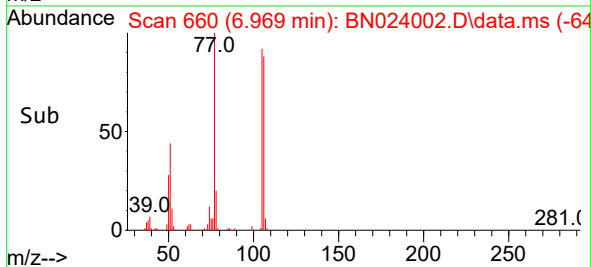
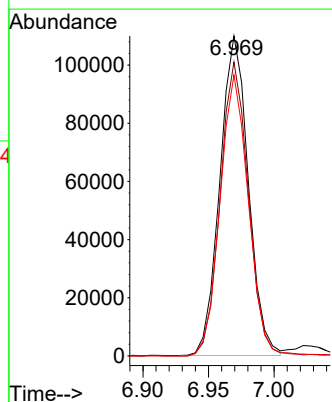
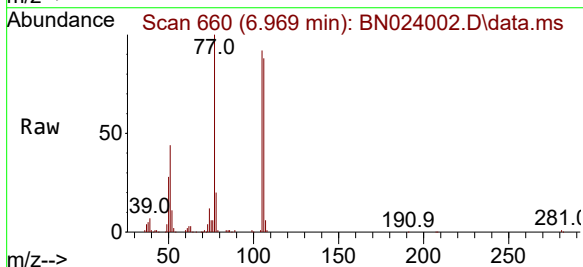
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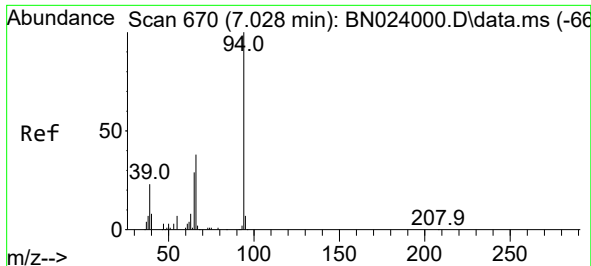
Tgt Ion: 88 Resp: 39557
Ion Ratio Lower Upper
88 100
43 31.8 33.4 50.2#
58 69.7 52.9 79.3



#6
Benzaldehyde
Concen: 38.106 ng/uL
RT: 6.969 min Scan# 660
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion: 77 Resp: 165765
Ion Ratio Lower Upper
77 100
105 91.8 71.3 106.9
106 87.8 71.1 106.7

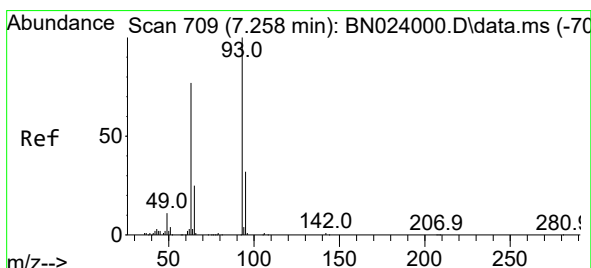
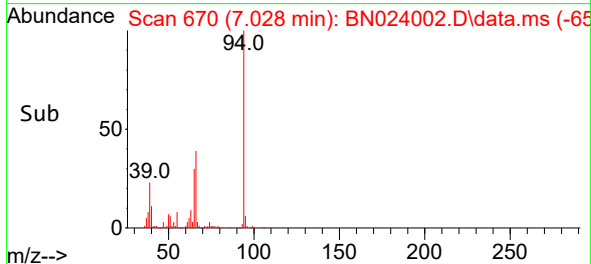
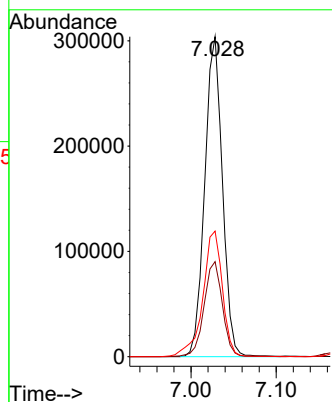
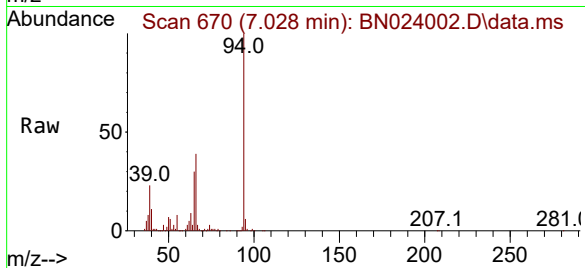




#8
Phenol
Concen: 43.199 ng/ul
RT: 7.028 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

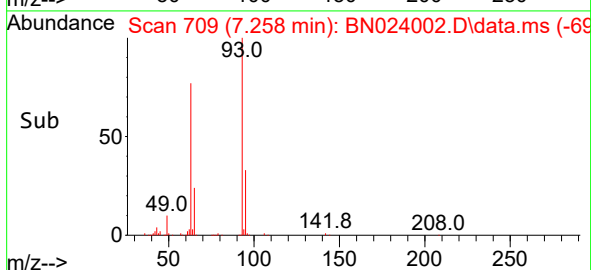
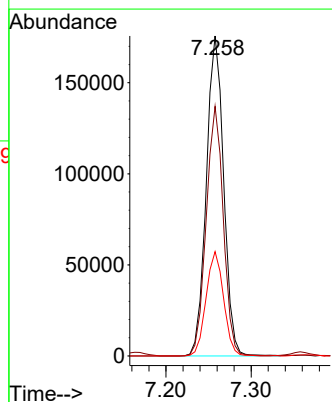
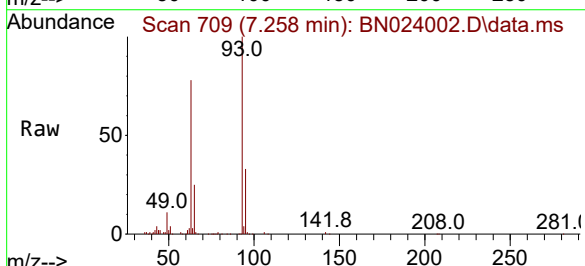
Instrument :
BNA_N
ClientSampleId :
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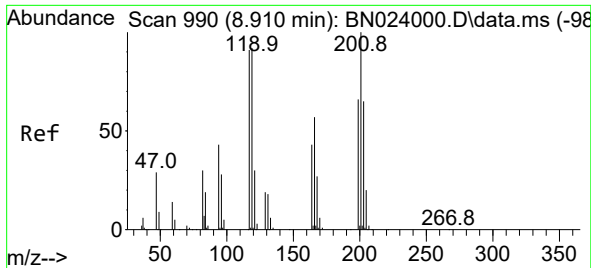
Tgt Ion: 94 Resp: 437800
Ion Ratio Lower Upper
94 100
65 29.7 24.7 37.1
66 39.2 31.4 47.2



#10
Bis(2-Chloroethyl)ether
Concen: 30.185 ng/ul
RT: 7.258 min Scan# 709
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion: 93 Resp: 248643
Ion Ratio Lower Upper
93 100
63 78.0 60.2 90.2
95 32.6 26.2 39.4

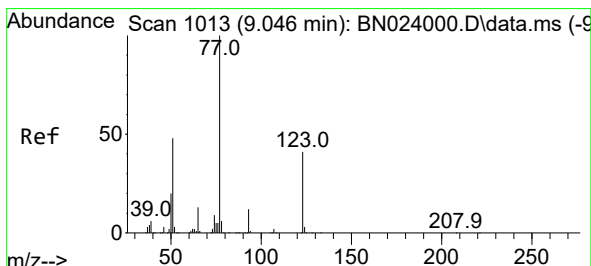
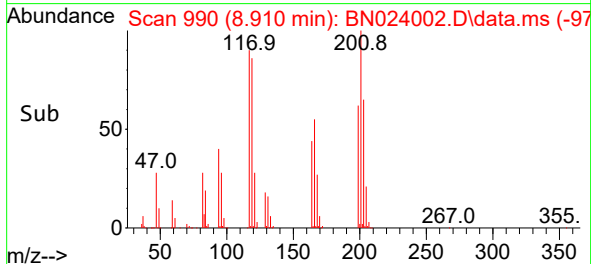
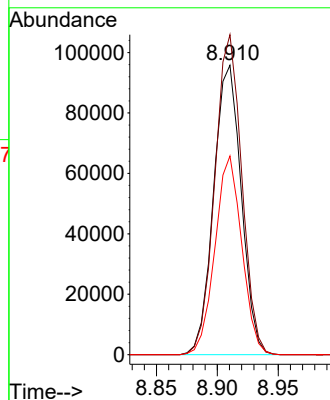
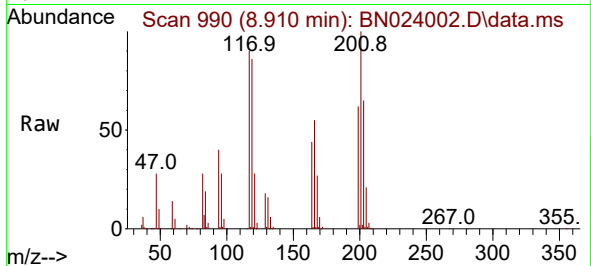




#19
Hexachloroethane
Concen: 45.691 ng/ul
RT: 8.910 min Scan# 990
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

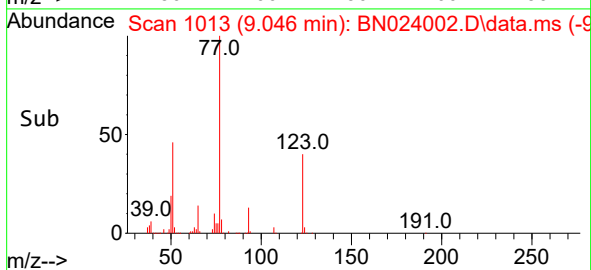
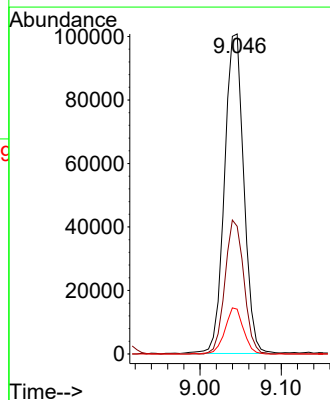
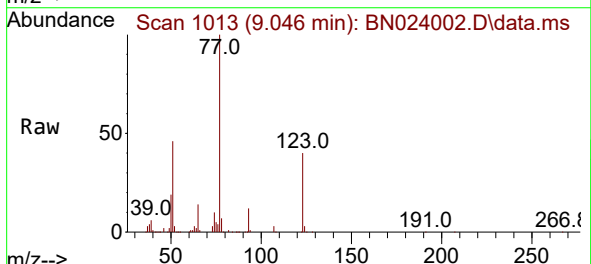
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BNA_N
ClientSampleId :
X3E96

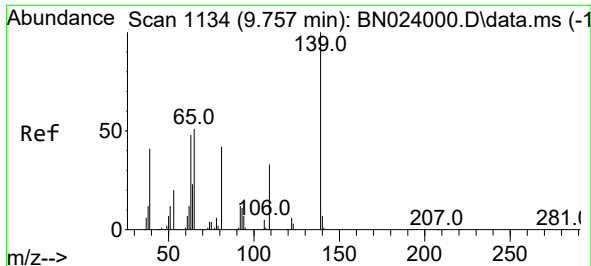
Tgt Ion:117 Resp: 151578
Ion Ratio Lower Upper
117 100
201 110.5 92.7 139.1
199 68.6 50.4 75.6



#22
Nitrobenzene
Concen: 16.247 ng/ul
RT: 9.046 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion: 77 Resp: 166544
Ion Ratio Lower Upper
77 100
123 39.9 33.8 50.6
65 14.0 10.6 15.8

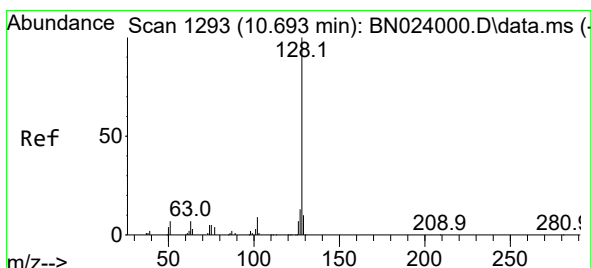
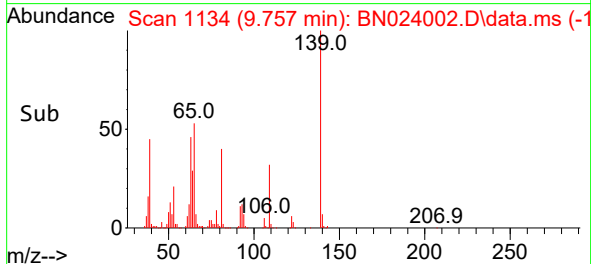
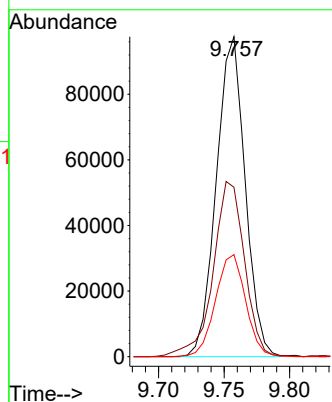
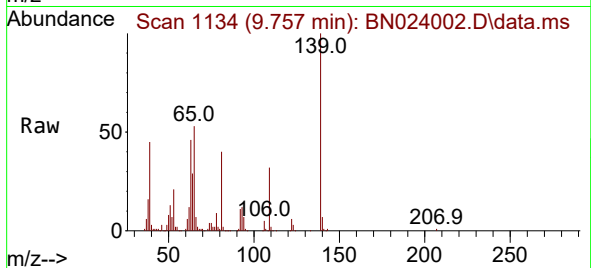




#25
2-Nitrophenol
Concen: 31.423 ng/ul
RT: 9.757 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

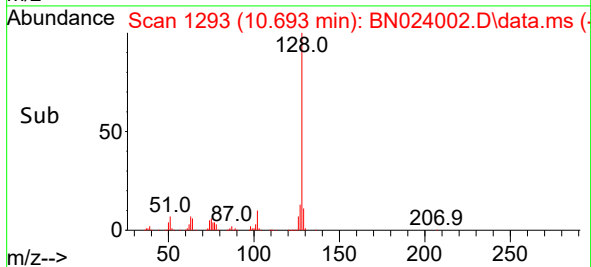
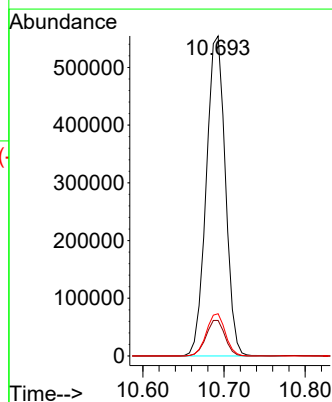
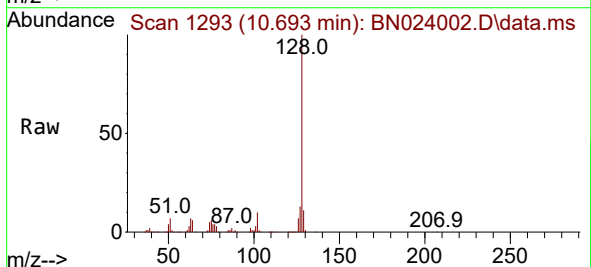
Instrument :
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ClientSampleId :
X3E96

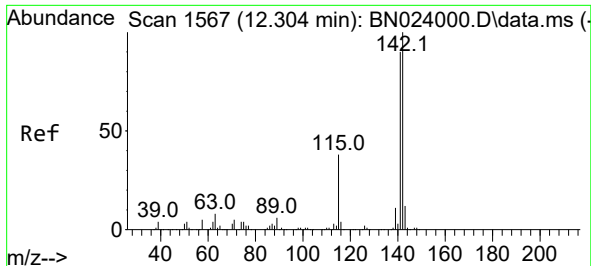
Tgt Ion:139 Resp: 149145
Ion Ratio Lower Upper
139 100
65 53.0 46.9 70.3
109 31.9 27.1 40.7



#30
Naphthalene
Concen: 33.302 ng/ul
RT: 10.693 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion:128 Resp: 903860
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.5 15.7

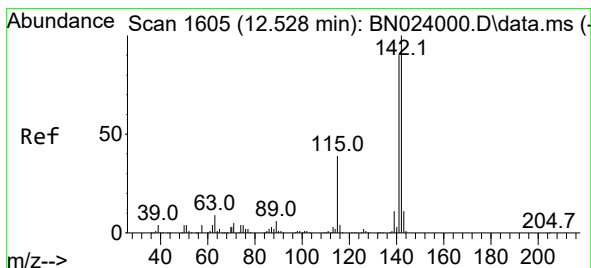
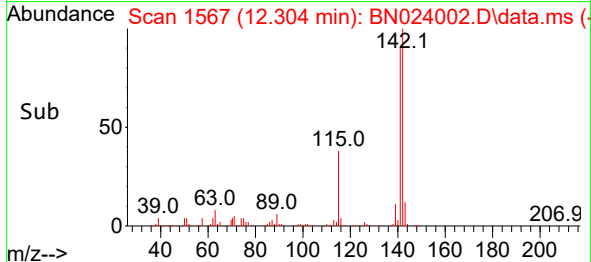
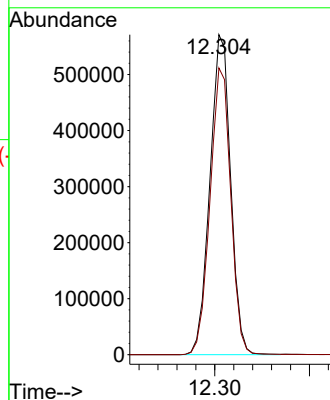
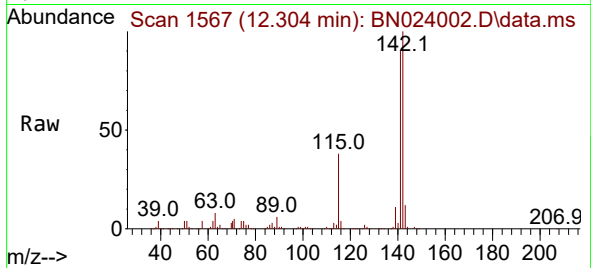




#36
2-Methylnaphthalene
Concen: 47.356 ng/ul
RT: 12.304 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

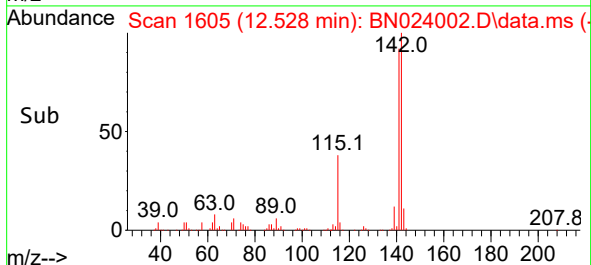
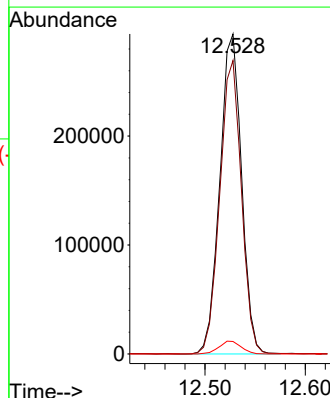
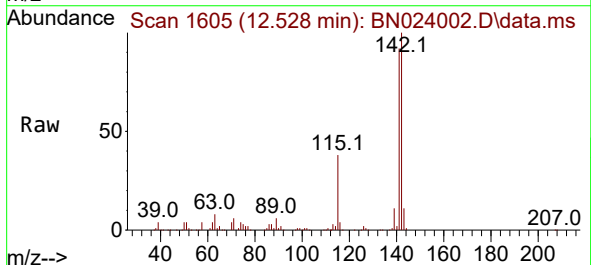
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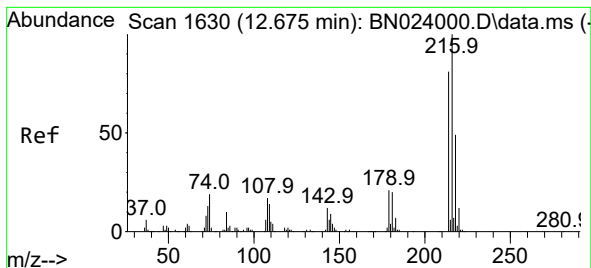
Tgt Ion:142 Resp: 865393
Ion Ratio Lower Upper
142 100
141 89.6 70.6 106.0



#37
1-Methylnaphthalene
Concen: 23.738 ng/ul
RT: 12.528 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion:142 Resp: 441324
Ion Ratio Lower Upper
142 100
141 91.7 75.4 113.0
116 3.9 3.1 4.7

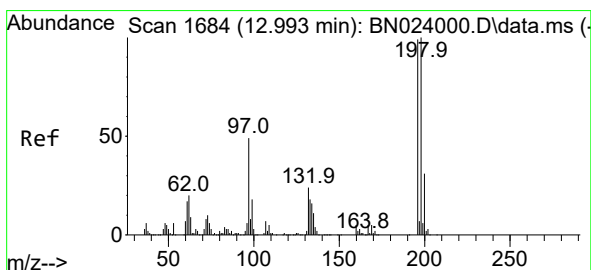
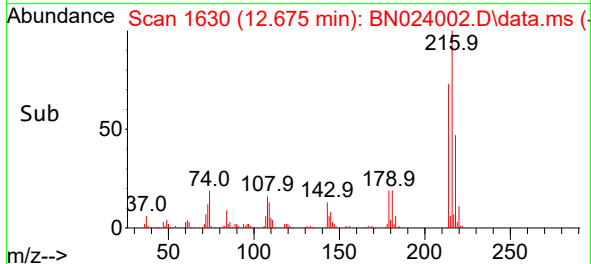
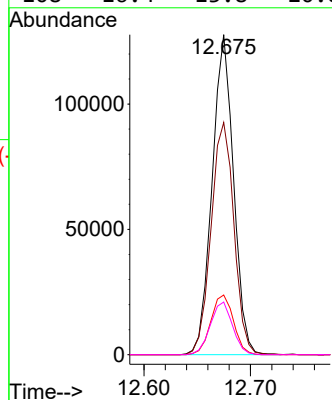
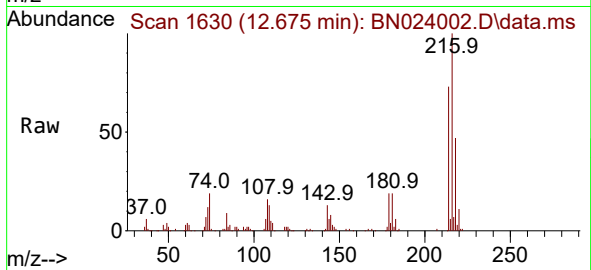




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 15.464 ng/ul
 RT: 12.675 min Scan# 1630
 Delta R.T. -0.000 min
 Lab File: BN024002.D
 Acq: 10 Feb 2023 14:48

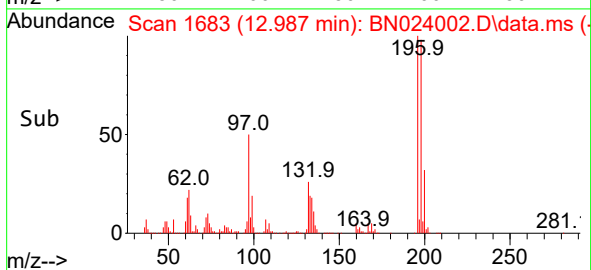
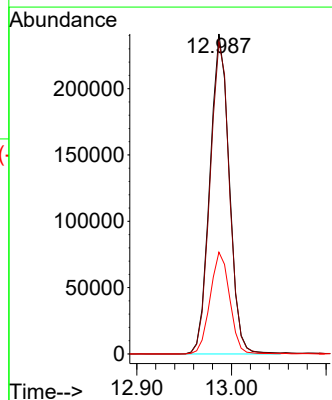
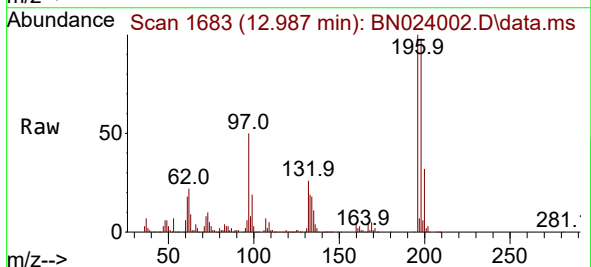
Instrument :
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 ClientSampleId :
 X3E96

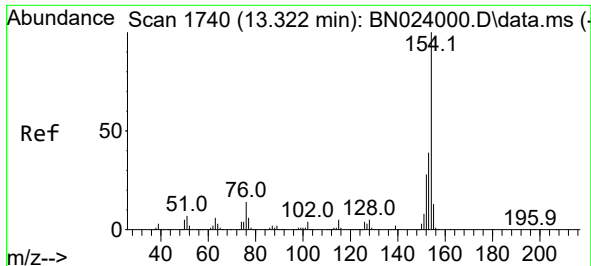
Tgt Ion:	216	Resp:	178168
Ion Ratio	Lower	Upper	
216	100		
214	72.5	60.5	90.7
179	18.6	16.0	24.0
108	16.4	13.8	20.8



#42
 2,4,5-Trichlorophenol
 Concen: 43.298 ng/ul
 RT: 12.987 min Scan# 1683
 Delta R.T. -0.006 min
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Tgt Ion:	196	Resp:	342815
Ion Ratio	Lower	Upper	
196	100		
198	97.6	76.0	114.0
200	31.8	24.0	36.0

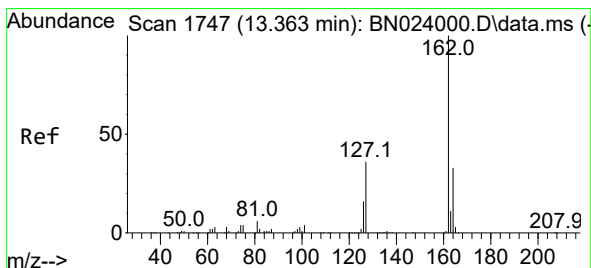
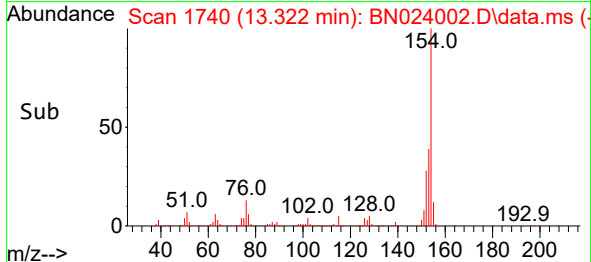
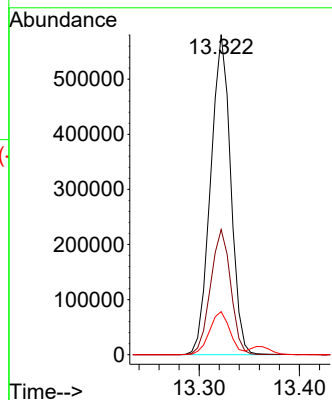
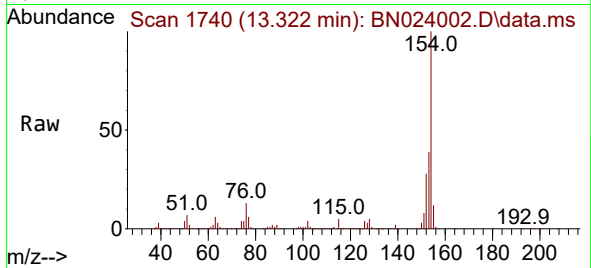




#43
1,1'-Biphenyl
Concen: 30.890 ng/ul
RT: 13.322 min Scan# 1740
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

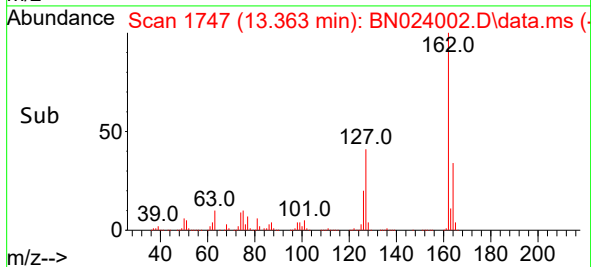
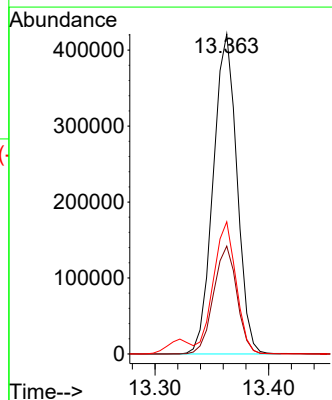
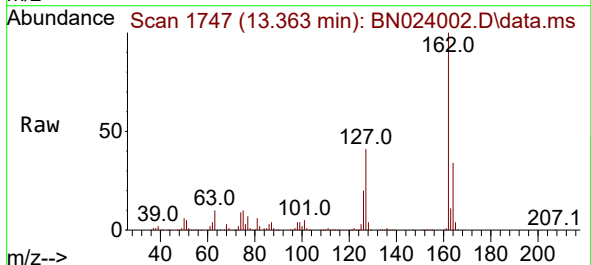
Instrument :
BNA_N
ClientSampleId :
X3E96

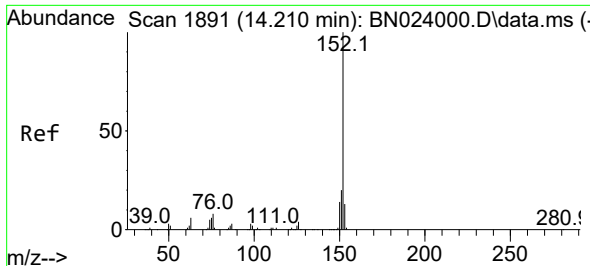
Tgt Ion:154 Resp: 808830
Ion Ratio Lower Upper
154 100
153 39.1 31.9 47.9
76 13.5 10.6 16.0



#44
2-Chloronaphthalene
Concen: 30.052 ng/ul
RT: 13.363 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion:162 Resp: 611709
Ion Ratio Lower Upper
162 100
164 33.7 26.4 39.6
127 41.3 30.6 45.8

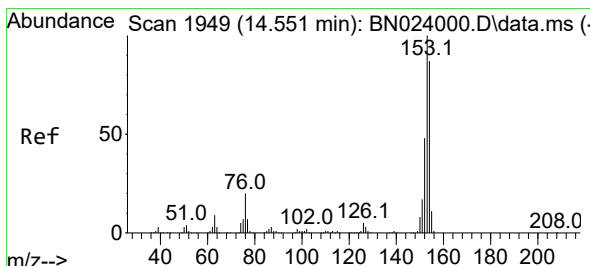
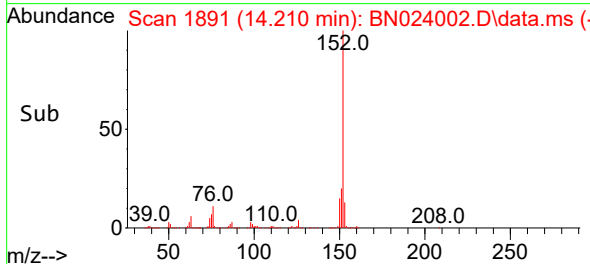
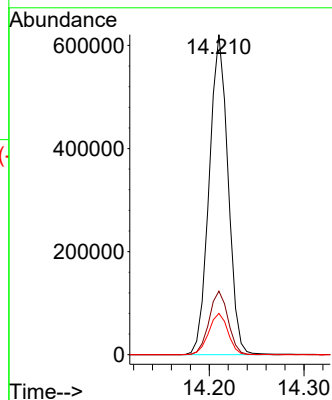
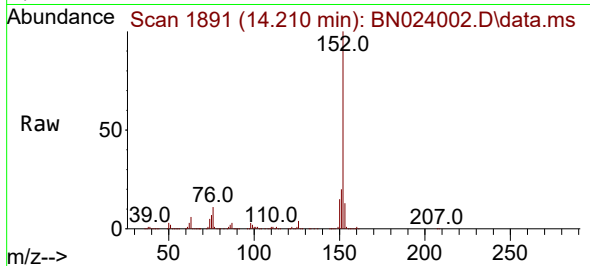




#50
Acenaphthylene
Concen: 28.563 ng/ul
RT: 14.210 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

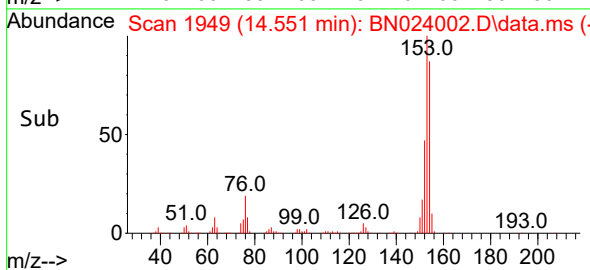
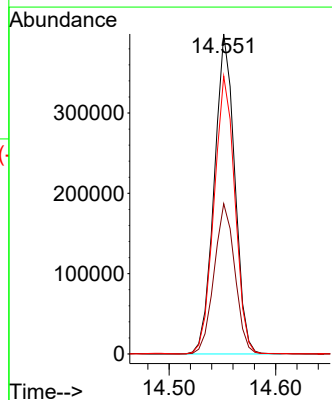
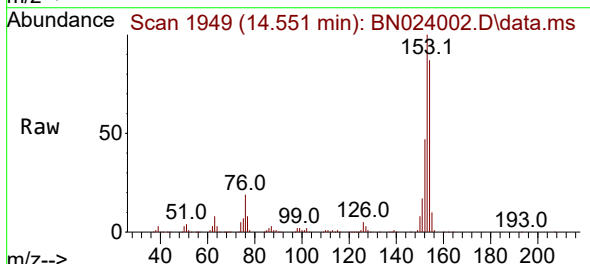
Instrument :
BNA_N
ClientSampleId :
X3E96

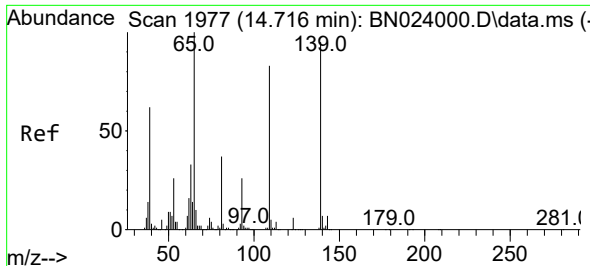
Tgt Ion:152 Resp: 856265
Ion Ratio Lower Upper
152 100
151 19.9 15.3 22.9
153 12.9 10.6 16.0



#52
Acenaphthene
Concen: 25.402 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion:153 Resp: 531942
Ion Ratio Lower Upper
153 100
152 46.9 37.4 56.2
154 86.9 71.5 107.3

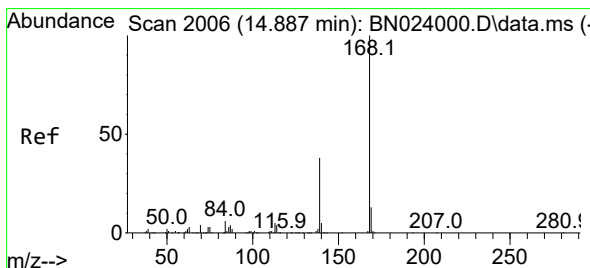
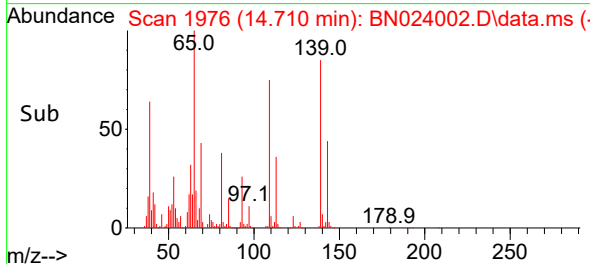
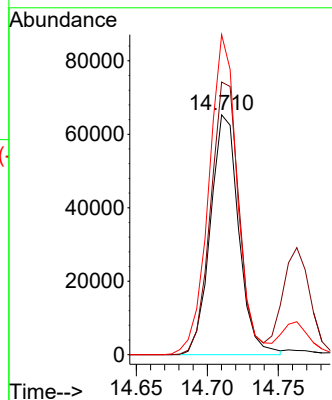
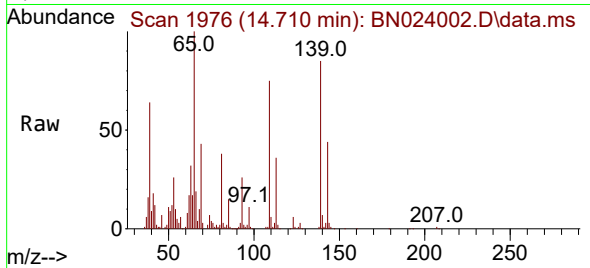




#55
4-Nitrophenol
Concen: 23.431 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

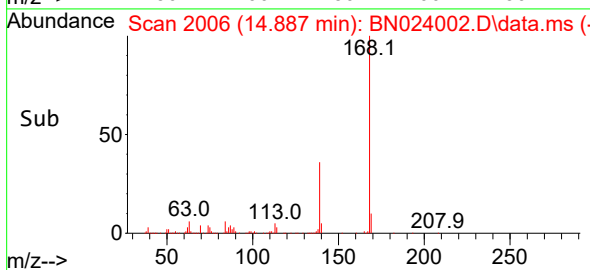
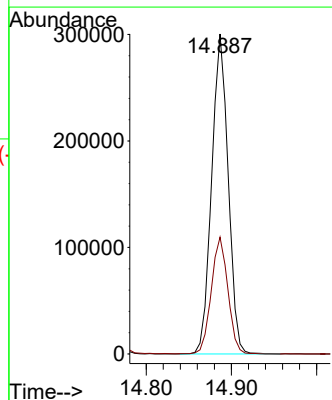
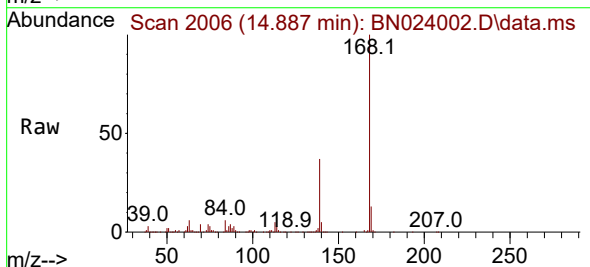
Instrument :
BNA_N
ClientSampleId :
X3E96

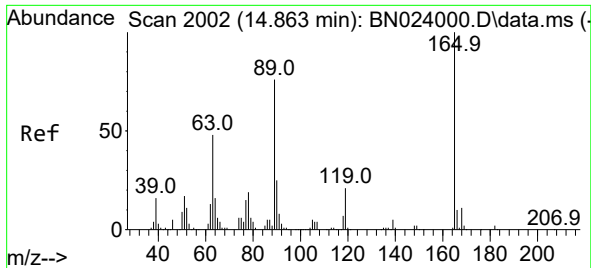
Tgt Ion:109 Resp: 90675
Ion Ratio Lower Upper
109 100
139 113.7 96.2 144.2
65 133.4 99.5 149.3



#56
Dibenzofuran
Concen: 13.636 ng/ul
RT: 14.887 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion:168 Resp: 403974
Ion Ratio Lower Upper
168 100
139 36.5 30.2 45.2

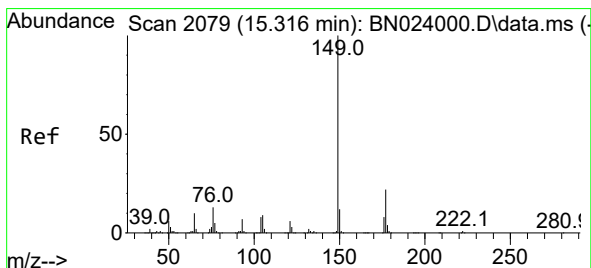
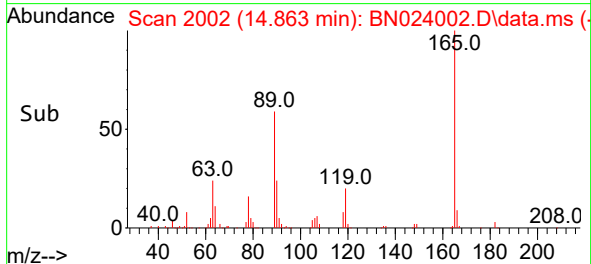
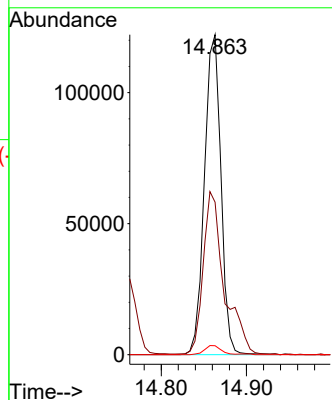
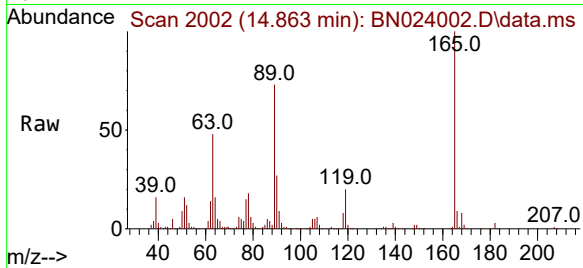




#57
2,4-Dinitrotoluene
Concen: 23.878 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

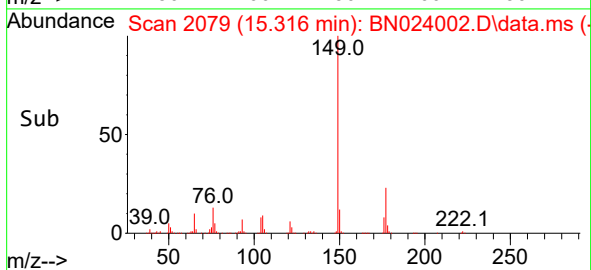
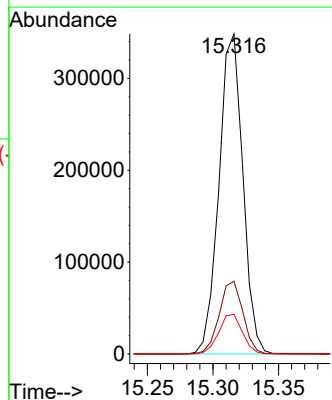
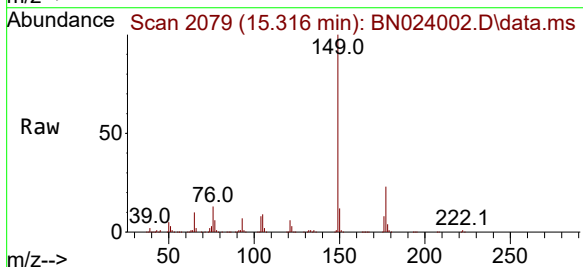
Instrument :
BNA_N
ClientSampleId :
X3E96

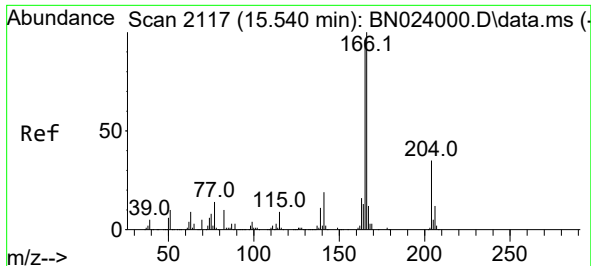
Tgt Ion:165 Resp: 163999
Ion Ratio Lower Upper
165 100
63 47.7 37.8 56.8
182 2.8 2.2 3.2



#59
Diethylphthalate
Concen: 17.844 ng/ul
RT: 15.316 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion:149 Resp: 441108
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.4 10.0 15.0

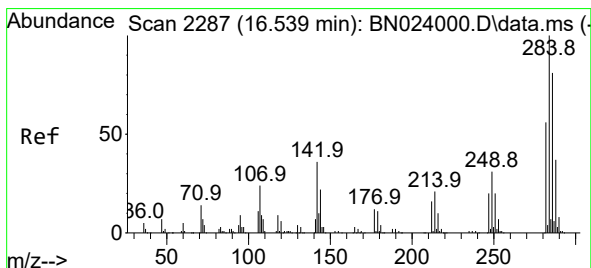
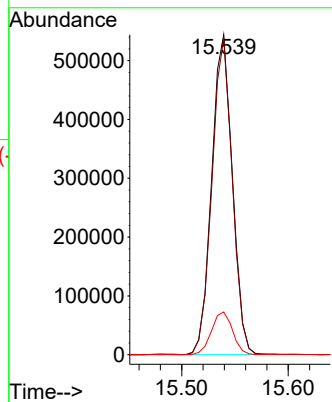
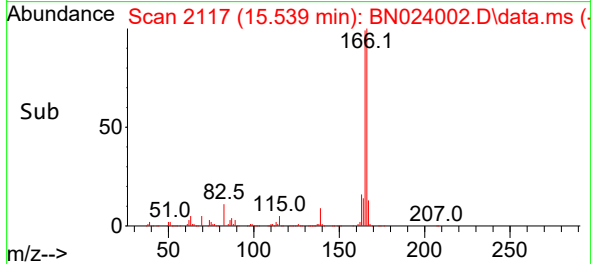
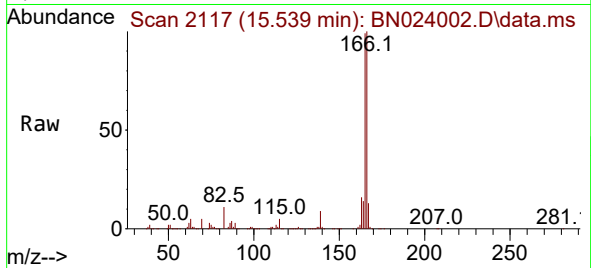




#61
Fluorene
Concen: 30.145 ng/ul
RT: 15.539 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

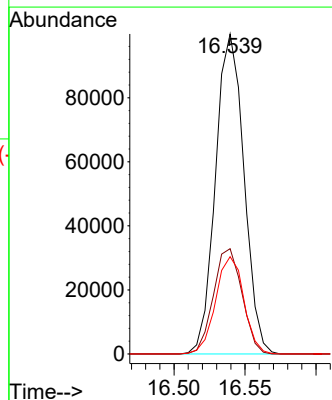
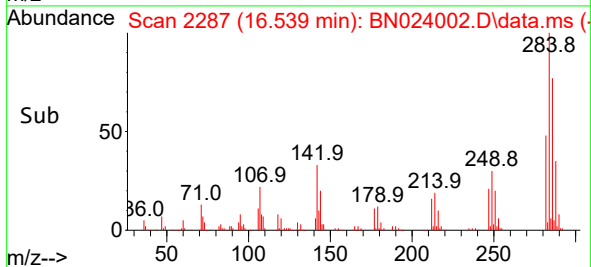
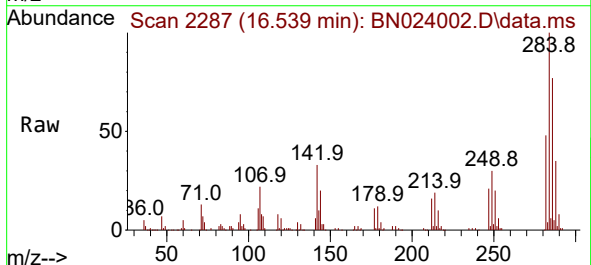
Instrument :
BNA_N
ClientSampleId :
X3E96

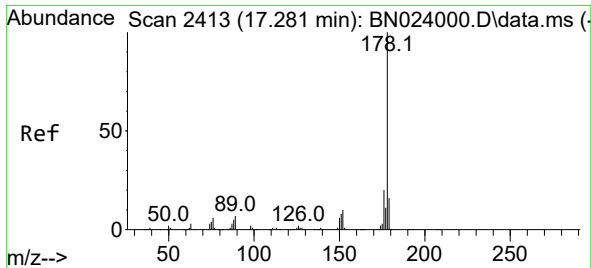
Tgt Ion:166 Resp: 731953
Ion Ratio Lower Upper
166 100
165 98.8 78.4 117.6
167 13.4 10.4 15.6



#69
Hexachlorobenzene
Concen: 14.682 ng/ul
RT: 16.539 min Scan# 2287
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion:284 Resp: 139184
Ion Ratio Lower Upper
284 100
142 32.9 24.7 37.1
249 30.4 25.0 37.6

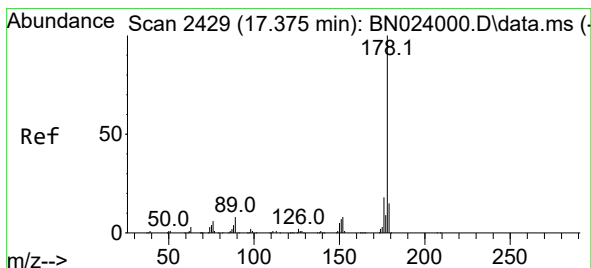
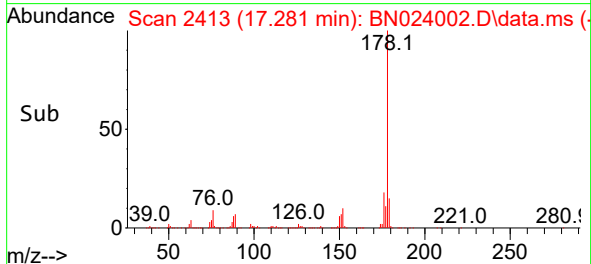
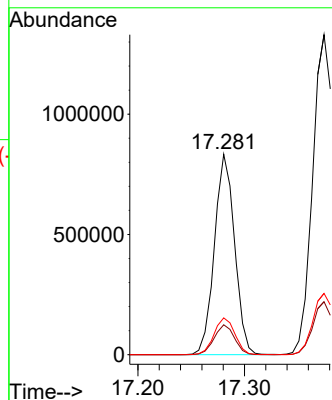
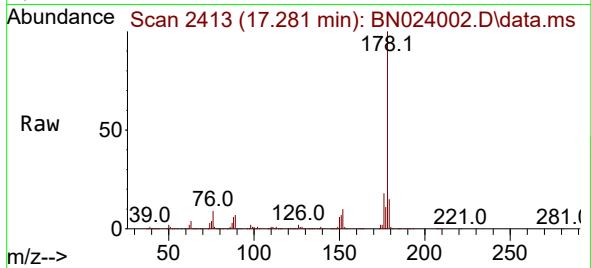




#72
Phenanthrene
Concen: 29.053 ng/ul
RT: 17.281 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

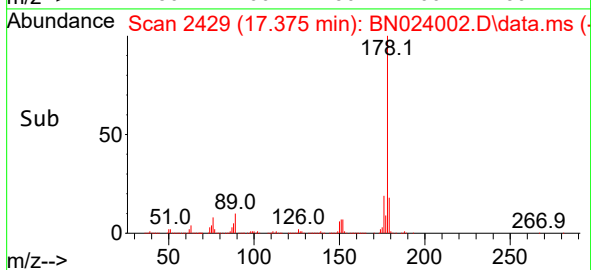
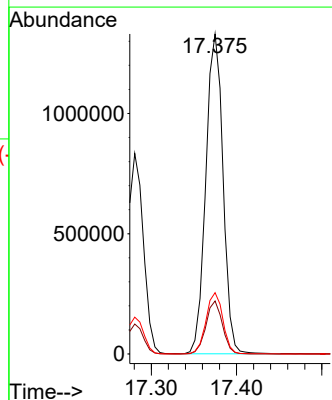
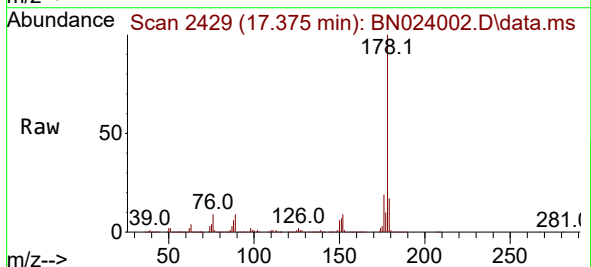
Instrument :
BNA_N
ClientSampleId :
X3E96

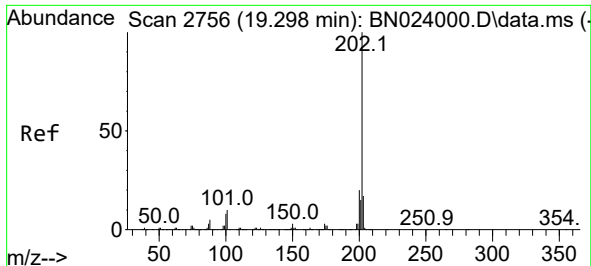
Tgt Ion:178 Resp: 1095103
Ion Ratio Lower Upper
178 100
179 15.0 13.6 20.4
176 18.4 15.8 23.6



#74
Anthracene
Concen: 49.372 ng/ul
RT: 17.375 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion:178 Resp: 1863407
Ion Ratio Lower Upper
178 100
179 16.5 12.1 18.1
176 19.1 14.4 21.6

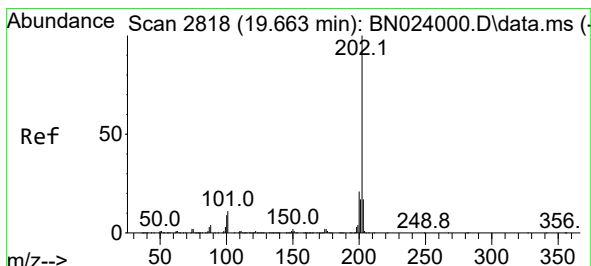
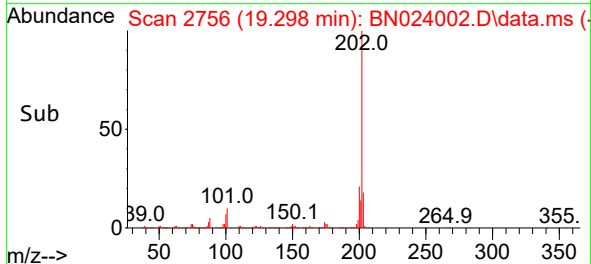
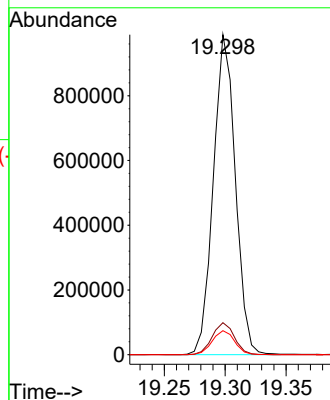
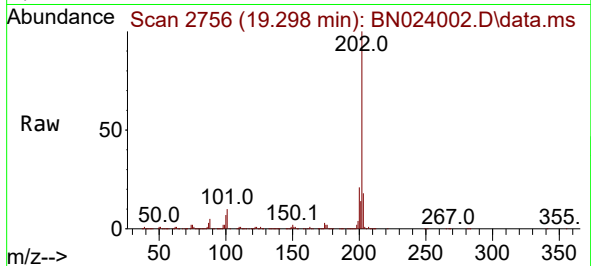




#80
Fluoranthene
Concen: 30.382 ng/ul
RT: 19.298 min Scan# 2756
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

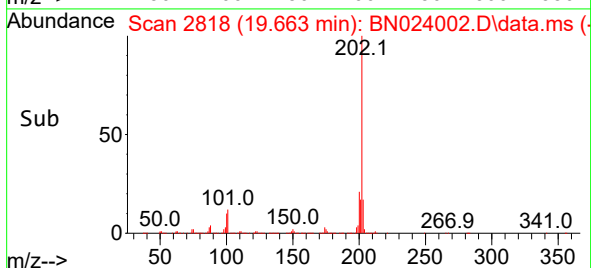
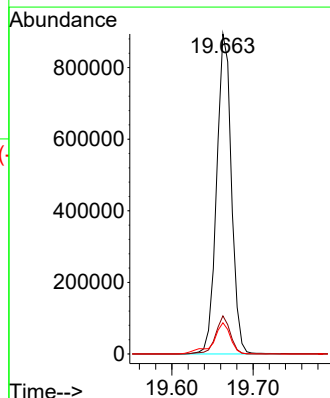
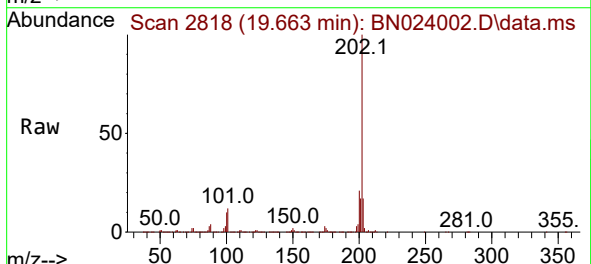
Instrument :
BNA_N
ClientSampleId :
X3E96

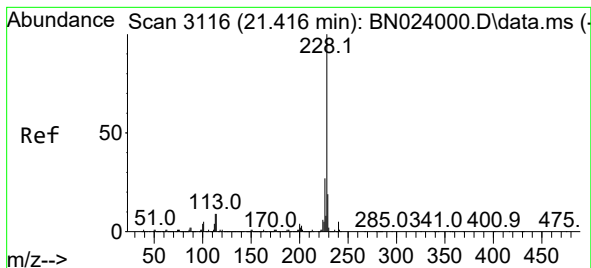
Tgt Ion:202 Resp: 1241774
Ion Ratio Lower Upper
202 100
101 10.0 7.8 11.6
100 7.5 5.8 8.8



#82
Pyrene
Concen: 27.216 ng/ul
RT: 19.663 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion:202 Resp: 1132333
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 9.8 7.6 11.4





#85

Benzo(a)anthracene

Concen: 22.050 ng/ul

RT: 21.422 min Scan# 3117

Delta R.T. 0.006 min

Lab File: BN024002.D

Acq: 10 Feb 2023 14:48

Instrument :

BNA_N

ClientSampleId :

X3E96

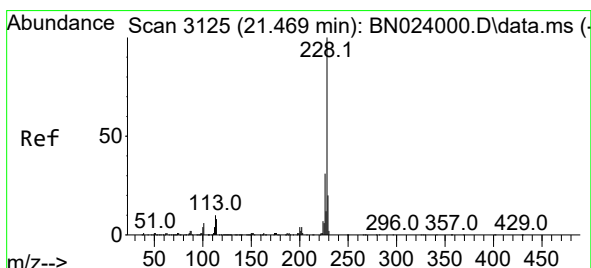
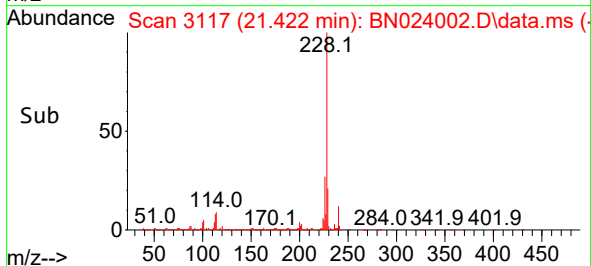
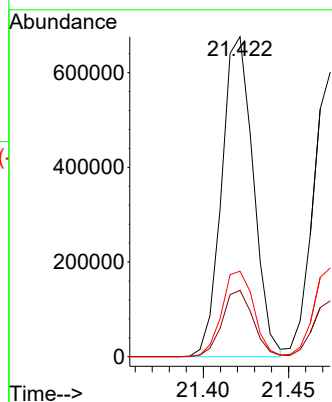
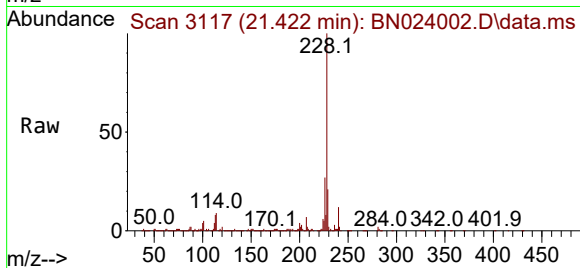
Tgt Ion:228 Resp: 871334

Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.6

226 26.7 21.3 31.9



#87

Chrysene

Concen: 19.851 ng/ul

RT: 21.474 min Scan# 3126

Delta R.T. 0.006 min

Lab File: BN024002.D

Acq: 10 Feb 2023 14:48

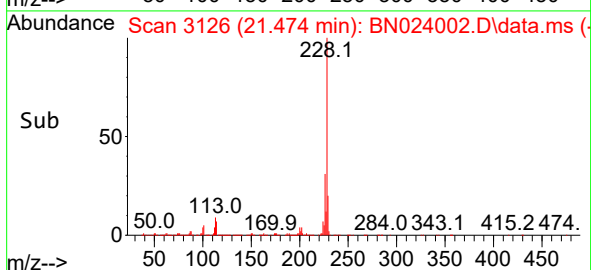
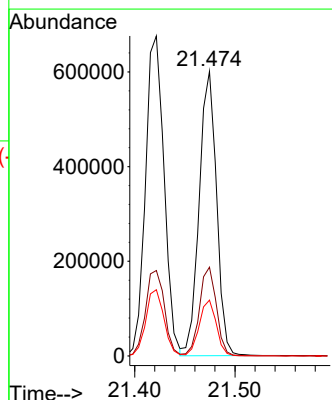
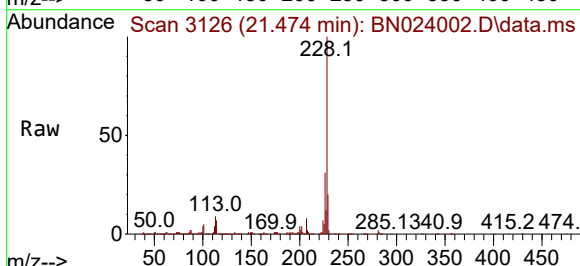
Tgt Ion:228 Resp: 725908

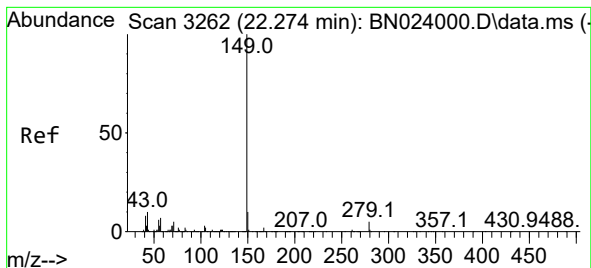
Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

229 19.6 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 15.401 ng/ul

RT: 22.269 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN024002.D

Acq: 10 Feb 2023 14:48

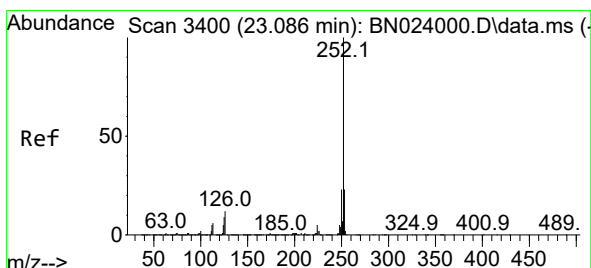
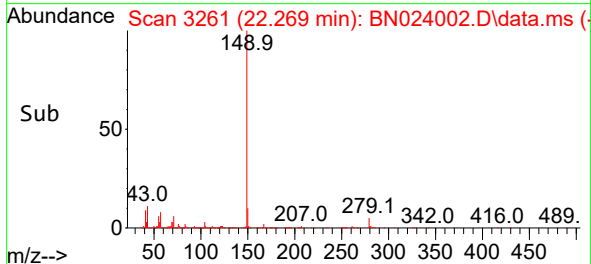
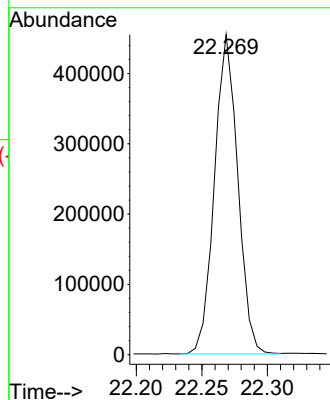
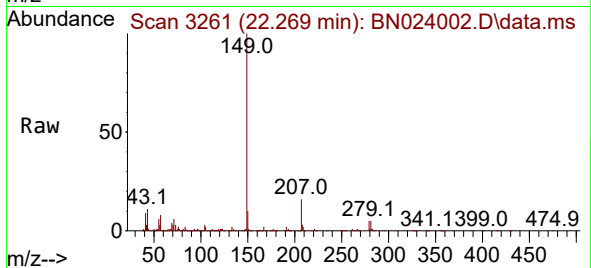
Instrument :

BNA_N

ClientSampleId :

X3E96

Tgt Ion:149 Resp: 559586



#90

Benzo(b)fluoranthene

Concen: 39.411 ng/ul

RT: 23.104 min Scan# 3403

Delta R.T. 0.018 min

Lab File: BN024002.D

Acq: 10 Feb 2023 14:48

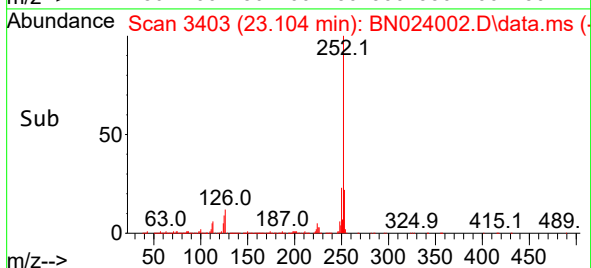
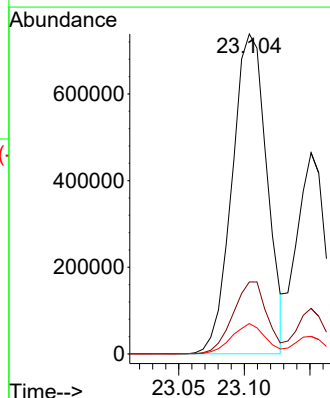
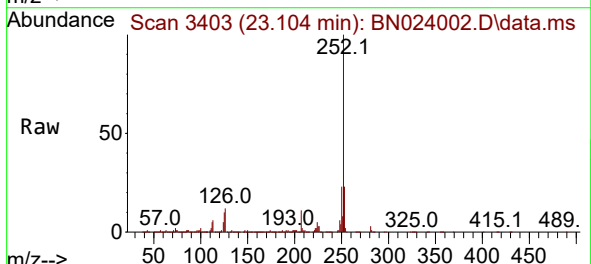
Tgt Ion:252 Resp: 1364608

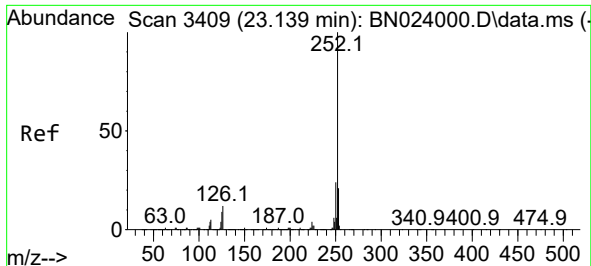
Ion Ratio Lower Upper

252 100

253 22.5 16.4 24.6

125 9.5 6.8 10.2

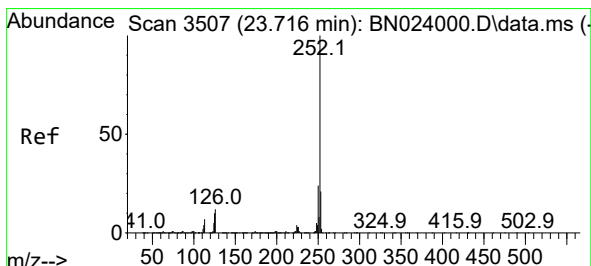
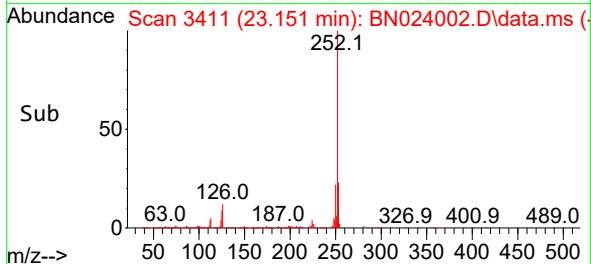
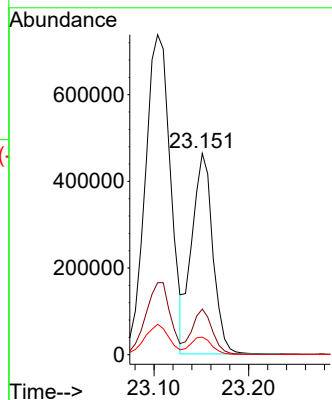
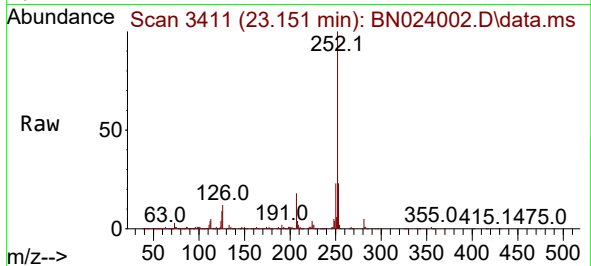




#91
Benzo(k)fluoranthene
Concen: 21.637 ng/ul
RT: 23.151 min Scan# 3409
Delta R.T. 0.012 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

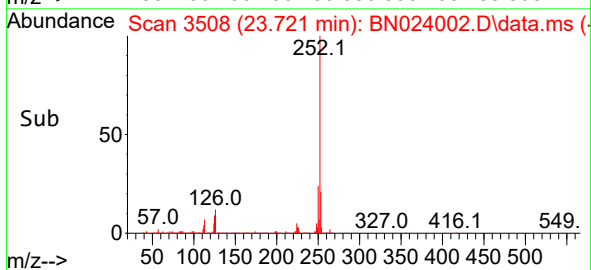
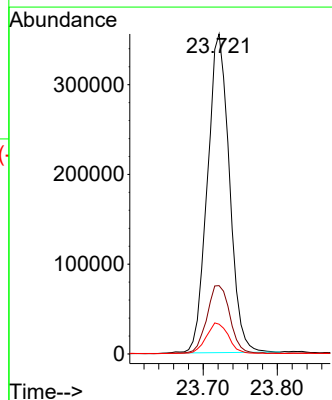
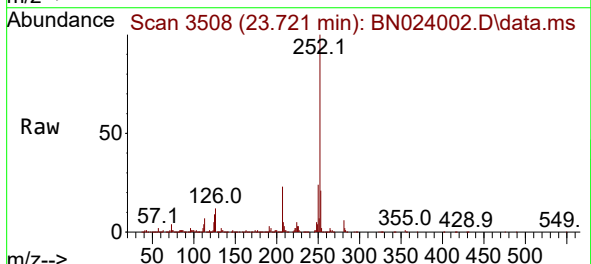
Instrument :
BNA_N
ClientSampleId :
X3E96

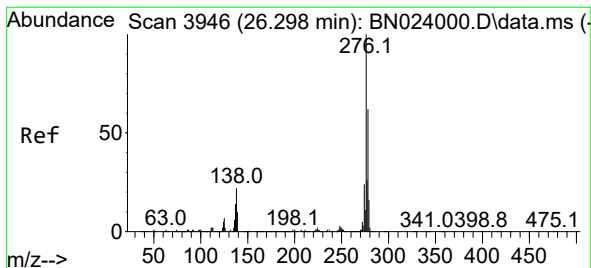
Tgt Ion:252 Resp: 713813
Ion Ratio Lower Upper
252 100
253 22.7 19.3 28.9
125 8.8 7.2 10.8



#93
Benzo(a)pyrene
Concen: 24.815 ng/ul
RT: 23.721 min Scan# 3508
Delta R.T. 0.006 min
Lab File: BN024002.D
Acq: 10 Feb 2023 14:48

Tgt Ion:252 Resp: 729470
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 9.3 7.1 10.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 21.630 ng/ul

RT: 26.309 min Scan# 3948

Delta R.T. 0.012 min

Lab File: BN024002.D

Acq: 10 Feb 2023 14:48

Instrument :

BNA_N

ClientSampleId :

X3E96

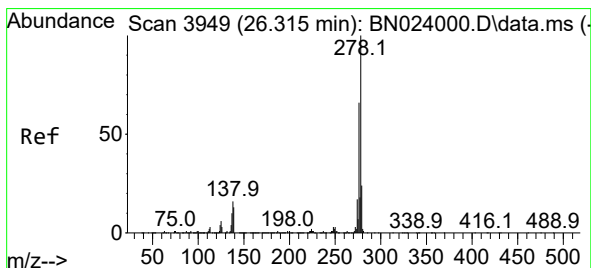
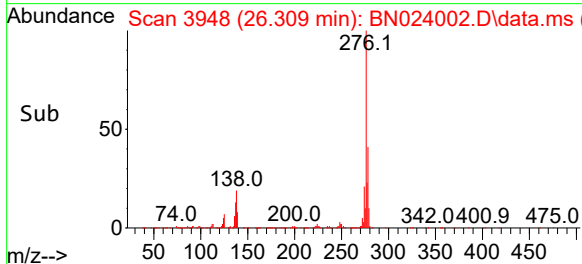
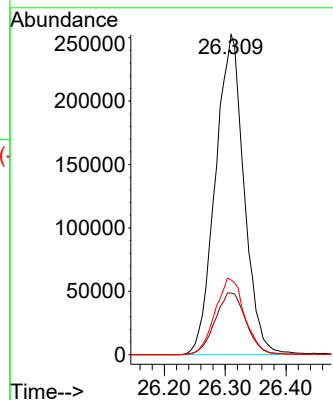
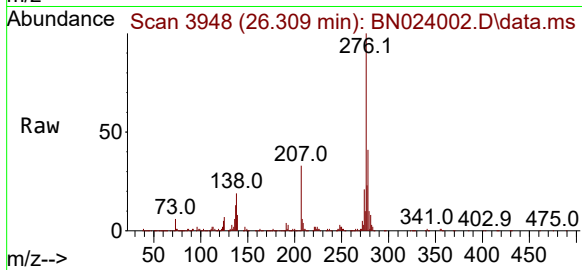
Tgt Ion:276 Resp: 820691

Ion Ratio Lower Upper

276 100

138 19.2 16.4 24.6

277 23.3 20.6 30.8



#95

Dibenzo(a,h)anthracene

Concen: 14.602 ng/ul

RT: 26.321 min Scan# 3950

Delta R.T. 0.006 min

Lab File: BN024002.D

Acq: 10 Feb 2023 14:48

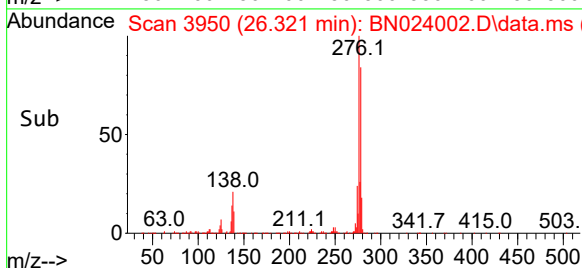
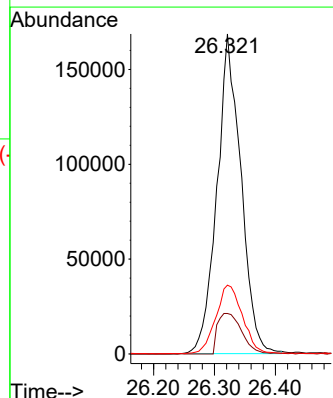
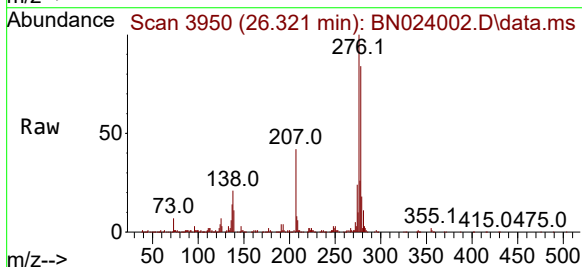
Tgt Ion:278 Resp: 459735

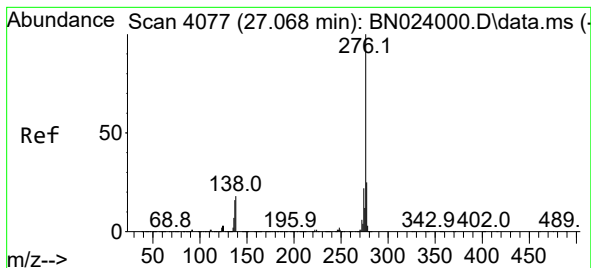
Ion Ratio Lower Upper

278 100

139 12.6 11.6 17.4

279 21.5 19.9 29.9





#96

Benzo(g,h,i)perylene

Concen: 34.750 ng/ul

RT: 27.074 min Scan# 4078

Delta R.T. 0.006 min

Lab File: BN024002.D

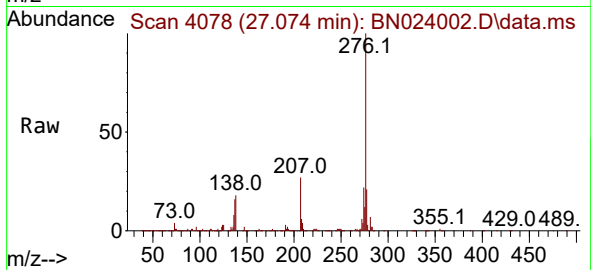
Acq: 10 Feb 2023 14:48

Instrument :

BNA_N

ClientSampleId :

X3E96



Tgt Ion:276 Resp: 1066329

Ion Ratio Lower Upper

276 100

138 18.5 15.4 23.2

277 21.1 17.8 26.8

