

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030723\
 Data File : BN024142.D
 Acq On : 07 Mar 2023 13:14
 Operator : CG/JU
 Sample : PB150981BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK981

Quant Time: Mar 08 03:05:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 07 04:27:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	260114	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1125539	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	682150	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1420490	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1188692	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1257269	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	45312	6.796	ng/uL	0.00
4) Pyridine-d5	3.828	84	630269	34.160	ng/ul	0.00
7) Phenol-d5	7.199	99	773358	33.146	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	504143	33.742	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	600814	33.531	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	596608	32.166	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	255491	34.973	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	289603	36.353	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	546859	31.812	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	837586	32.658	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	1775815	33.731	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	2045092	33.373	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	253274	25.178	ng/ul	0.00
60) Fluorene-d10	15.687	176	1488609	33.645	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	180402	23.572	ng/ul	0.00
73) Anthracene-d10	17.540	188	2285330	34.113	ng/ul	0.00
81) Pyrene-d10	19.828	212	2519035	36.260	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	2265334	36.245	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	185	0.026	ng/ul#	18
5) Pyridine	3.852	79	1140	0.060	ng/ul#	1
6) Benzaldehyde	7.199	77	1464	0.129	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.469	93	148	0.008	ng/ul#	60
22) Nitrobenzene	9.263	77	518	0.026	ng/ul#	40
32) 4-Chloroaniline	11.022	127	332	0.013	ng/ul#	1
47) Dimethylphthalate	14.099	163	1036	0.020	ng/ul#	1
50) Acenaphthylene	14.416	152	216	0.003	ng/ul#	61
55) 4-Nitrophenol	14.863	109	62	0.008	ng/ul#	1
56) Dibenzofuran	15.093	168	332	0.005	ng/ul#	37
57) 2,4-Dinitrotoluene	15.098	165	336	0.027	ng/ul#	10
59) Diethylphthalate	15.510	149	136	0.003	ng/ul#	60
61) Fluorene	15.734	166	54	0.001	ng/ul#	67
63) 4-Nitroaniline	15.793	138	772	0.084	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	15.793	198	566	0.073	ng/ul#	1
72) Phenanthrene	17.487	178	272	0.003	ng/ul#	61
74) Anthracene	17.545	178	964	0.012	ng/ul#	1
78) Di-n-butylphthalate	18.404	149	763	0.009	ng/ul#	78
80) Fluoranthene	19.492	202	264	0.003	ng/ul#	71
82) Pyrene	19.857	202	336	0.004	ng/ul#	41
83) Butylbenzylphthalate	20.751	149	112	0.005	ng/ul#	20
84) 3,3'-Dichlorobenzidine	21.539	252	180	0.008	ng/ul#	24
85) Benzo(a)anthracene	21.633	228	3160	0.038	ng/ul#	61
86) Bis(2-ethylhexyl)phtha...	21.533	149	1492	0.041	ng/ul#	92

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030723\
 Data File : BN024142.D
 Acq On : 07 Mar 2023 13:14
 Operator : CG/JU
 Sample : PB150981BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK981

Quant Time: Mar 08 03:05:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 07 04:27:04 2023
 Response via : Initial Calibration

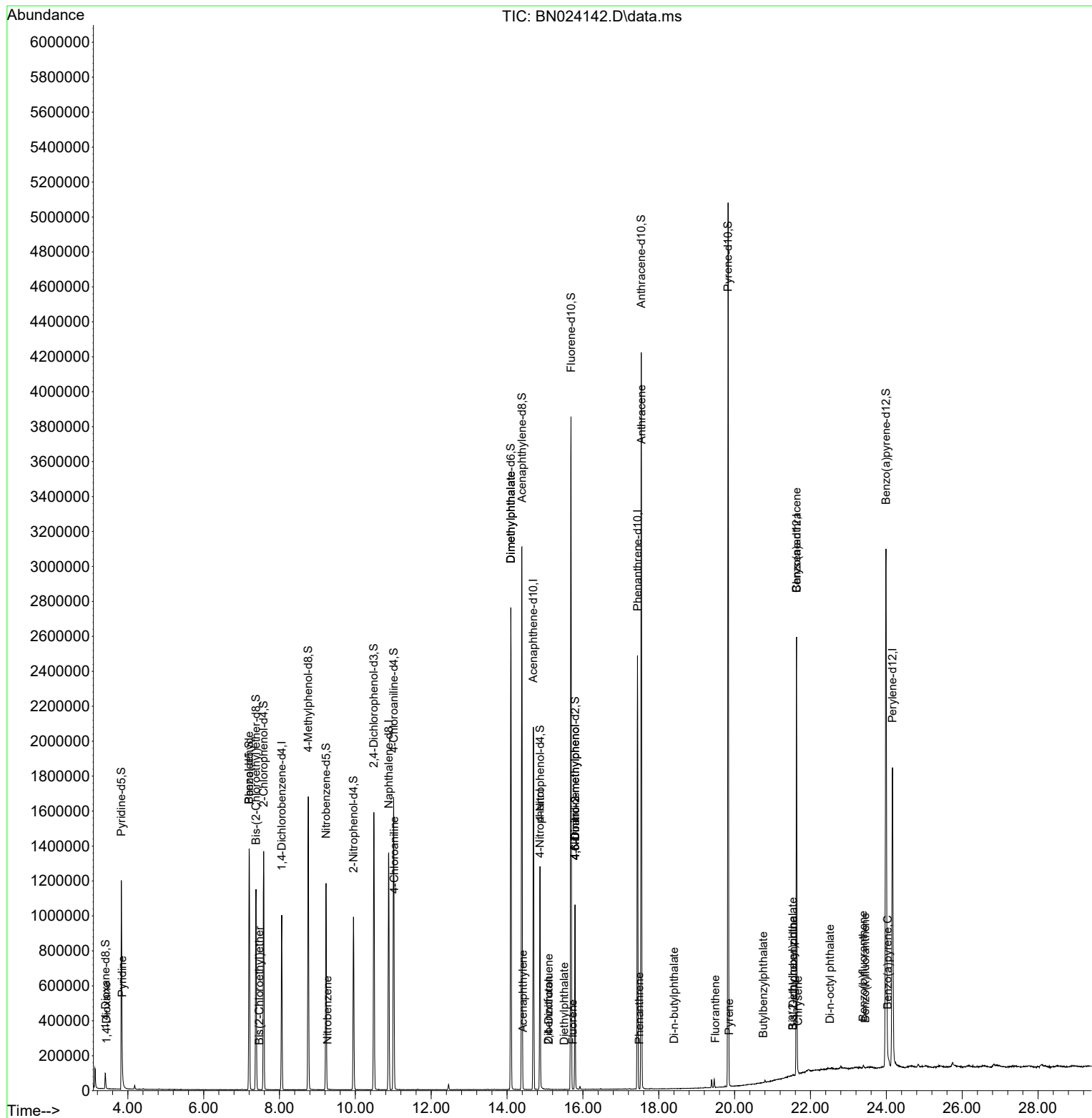
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Chrysene	21.669	228	136	0.002	ng/ul#	47
89) Di-n-octyl phthalate	22.516	149	210	0.003	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	567	0.007	ng/ul#	1
91) Benzo(k)fluoranthene	23.445	252	99	0.001	ng/ul#	1
93) Benzo(a)pyrene	24.039	252	74	0.001	ng/ul#	1

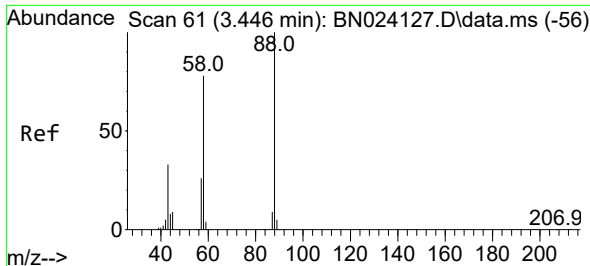
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030723\
Data File : BN024142.D
Acq On : 07 Mar 2023 13:14
Operator : CG/JU
Sample : PB150981BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK981

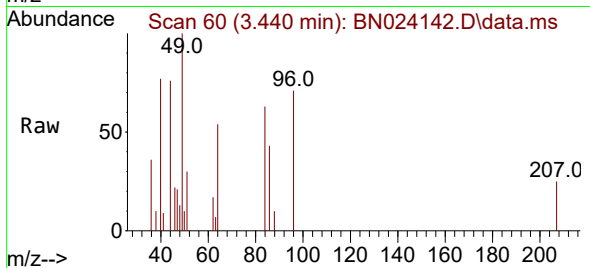
Quant Time: Mar 08 03:05:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 04:27:04 2023
Response via : Initial Calibration



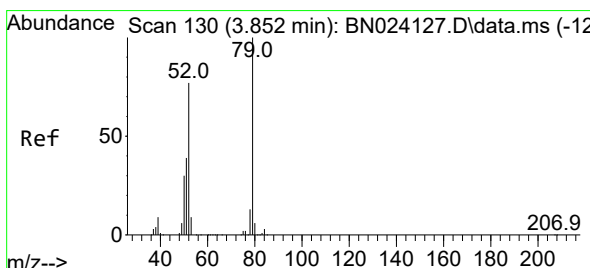
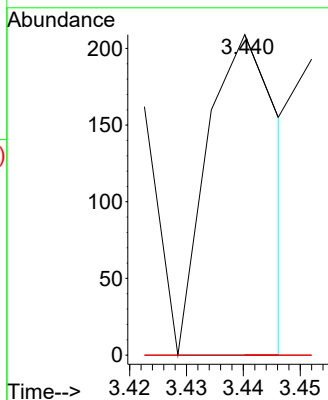
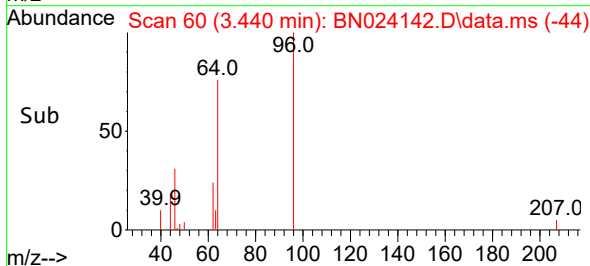


#2
1,4-Dioxane
Concen: 0.026 ng/uL
RT: 3.440 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

Instrument :
BNA_N
ClientSampleId :
SBLK981

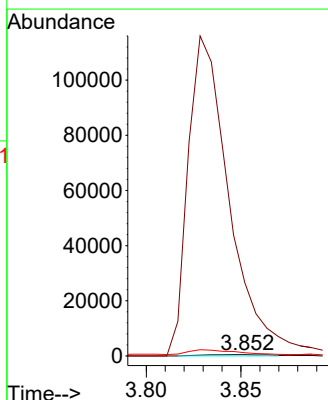
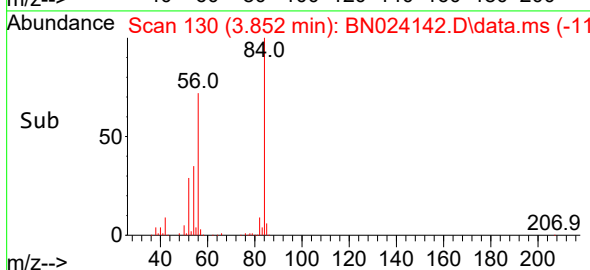
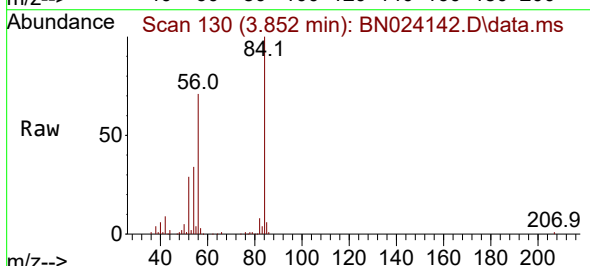


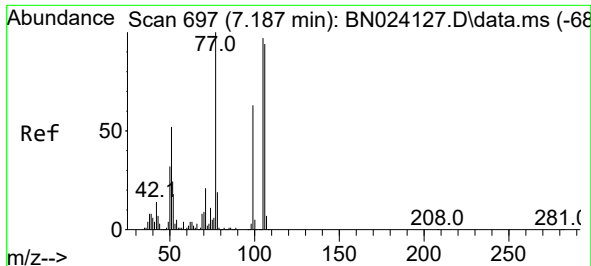
Tgt Ion: 88 Resp: 185
Ion Ratio Lower Upper
88 100
43 0.0 26.2 39.4#
58 0.0 64.9 97.3#



#5
Pyridine
Concen: 0.060 ng/uL
RT: 3.852 min Scan# 130
Delta R.T. 0.000 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

Tgt Ion: 79 Resp: 1140
Ion Ratio Lower Upper
79 100
52 5425.7 65.1 97.7#
51 239.3 31.4 47.0#

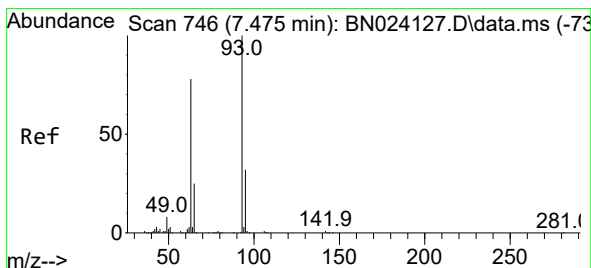
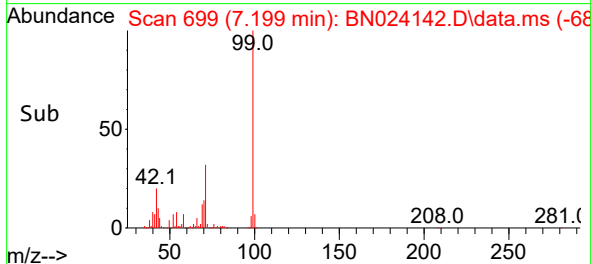
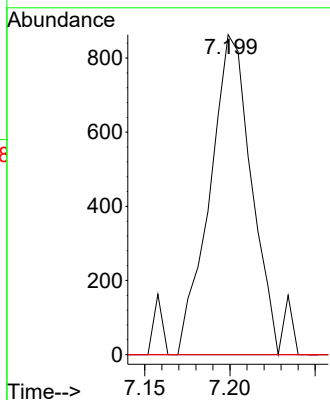
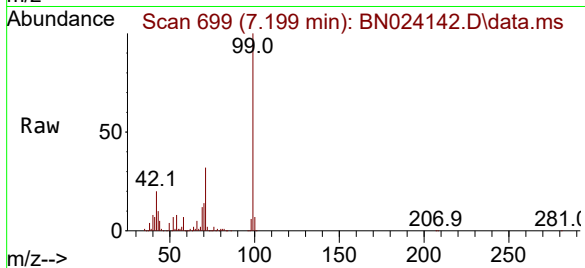




#6
Benzaldehyde
Concen: 0.129 ng/ul
RT: 7.199 min Scan# 699
Delta R.T. 0.012 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

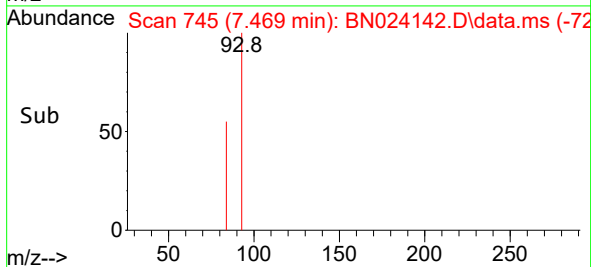
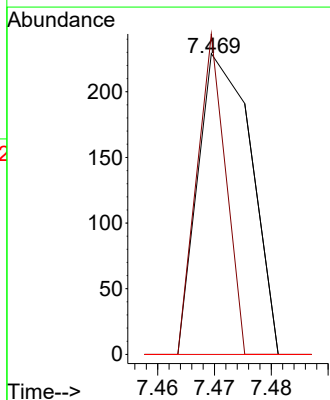
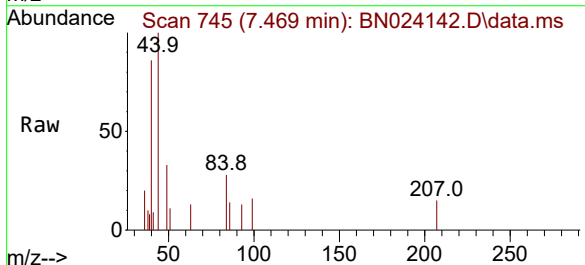
Instrument :
BNA_N
ClientSampleId :
SBLK981

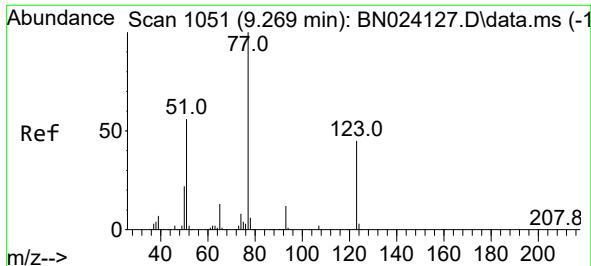
Tgt Ion: 77 Resp: 1464
Ion Ratio Lower Upper
77 100
105 0.0 79.2 118.8#
106 0.0 75.9 113.9#



#10
Bis(2-Chloroethyl)ether
Concen: 0.008 ng/ul
RT: 7.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

Tgt Ion: 93 Resp: 148
Ion Ratio Lower Upper
93 100
63 106.6 62.6 93.8#
95 0.0 25.8 38.6#

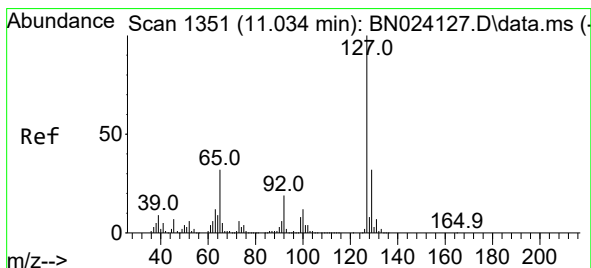
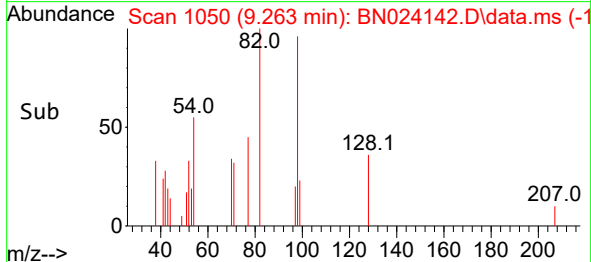
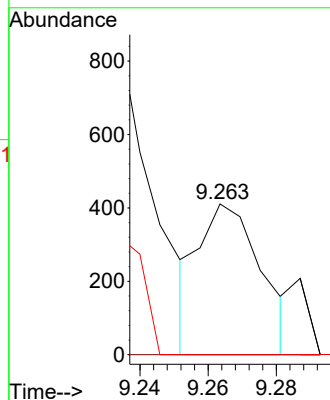
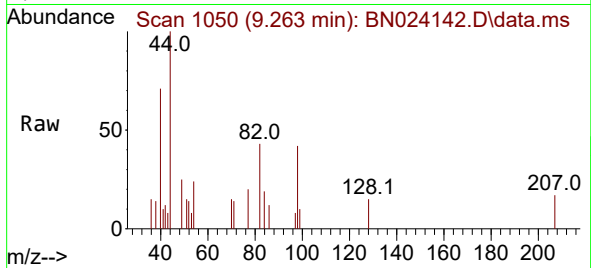




#22
Nitrobenzene
Concen: 0.026 ng/ul
RT: 9.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

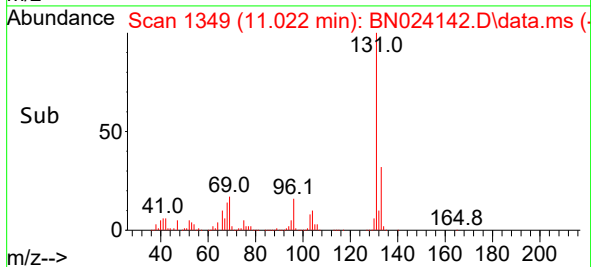
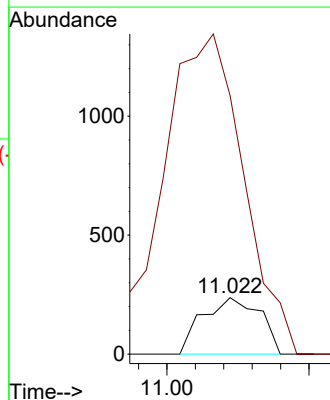
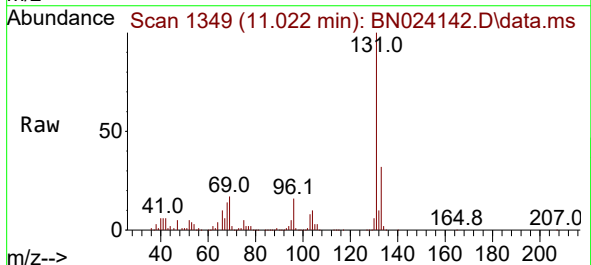
Instrument :
BNA_N
ClientSampleId :
SBLK981

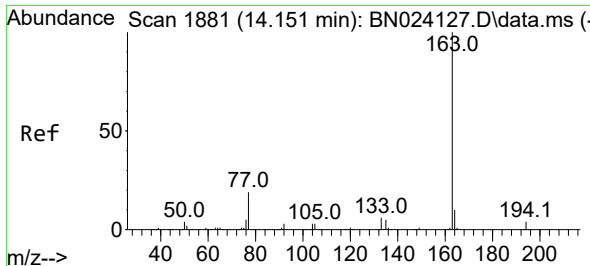
Tgt Ion: 77 Resp: 518
Ion Ratio Lower Upper
77 100
123 0.0 34.8 52.2#
65 0.0 11.0 16.4#



#32
4-Chloroaniline
Concen: 0.013 ng/ul
RT: 11.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

Tgt Ion: 127 Resp: 332
Ion Ratio Lower Upper
127 100
129 458.2 25.1 37.7#

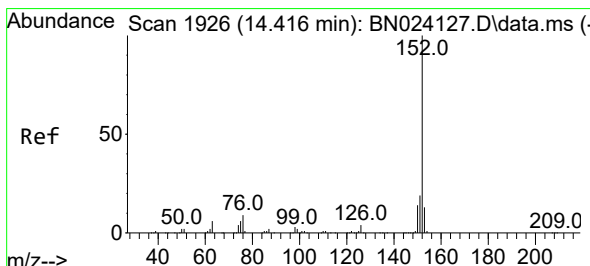
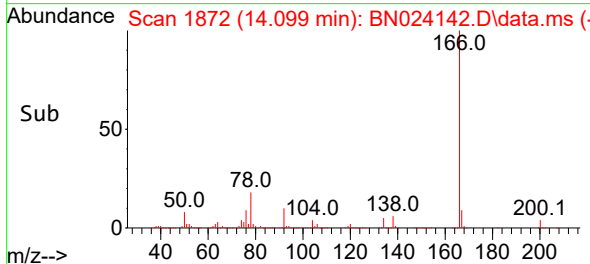
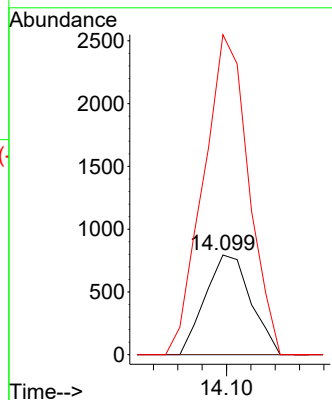
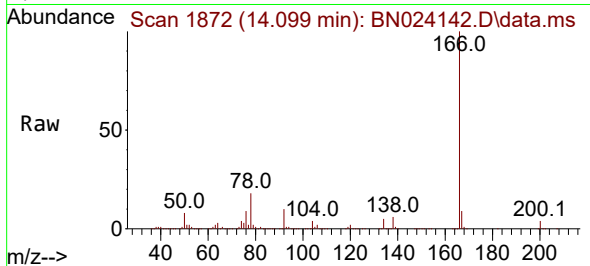




#47
Dimethylphthalate
Concen: 0.020 ng/ul
RT: 14.099 min Scan# 1881
Delta R.T. -0.053 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

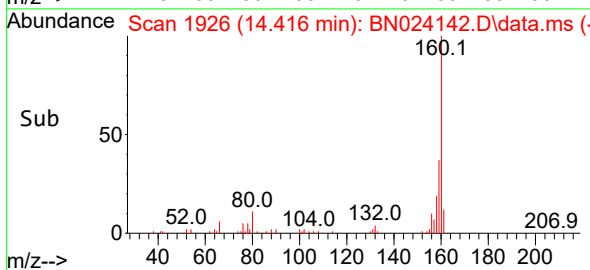
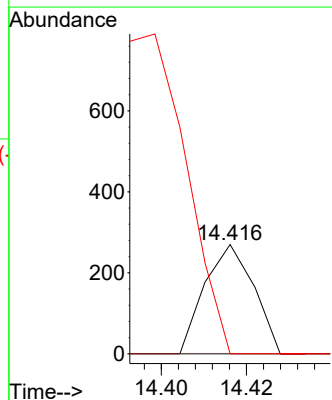
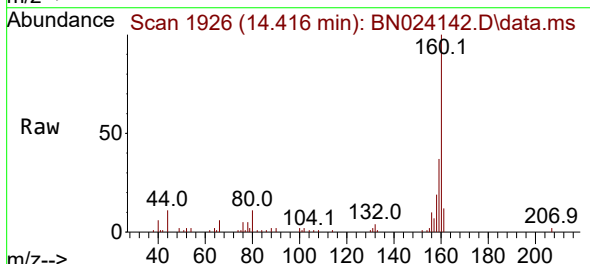
Instrument :
BNA_N
ClientSampleId :
SBLK981

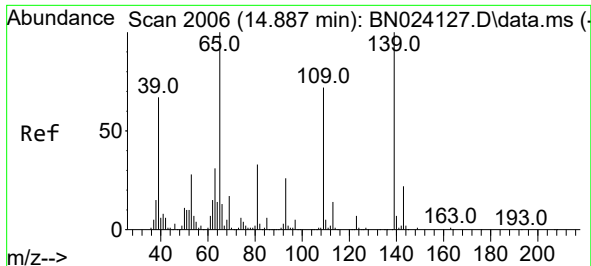
Tgt Ion:163 Resp: 1036
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 321.0 8.1 12.1#



#50
Acenaphthylene
Concen: 0.003 ng/ul
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

Tgt Ion:152 Resp: 216
Ion Ratio Lower Upper
152 100
151 0.0 15.6 23.4#
153 0.0 10.1 15.1#

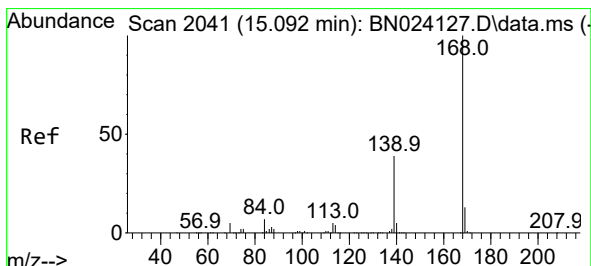
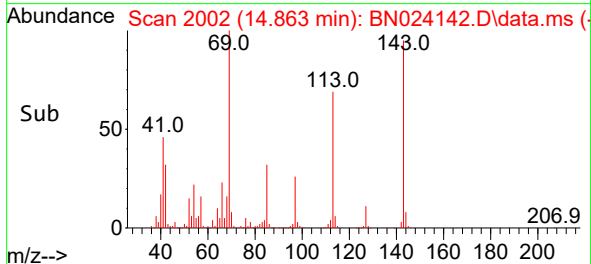
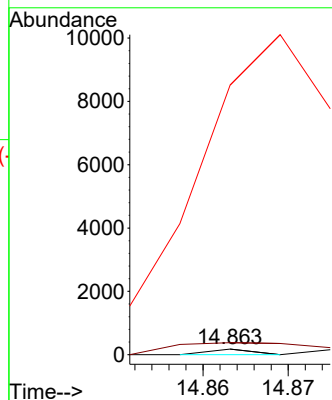
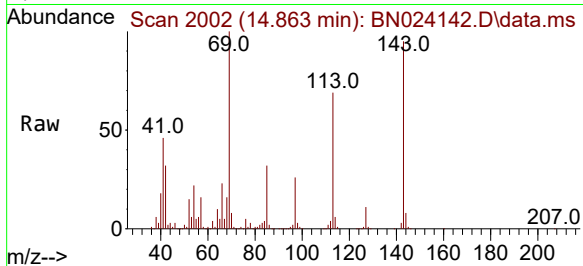




#55
4-Nitrophenol
Concen: 0.008 ng/ul
RT: 14.863 min Scan# 2002
Delta R.T. -0.023 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

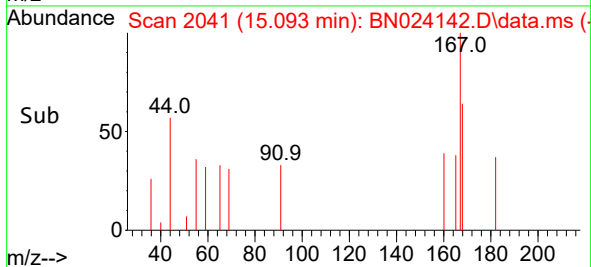
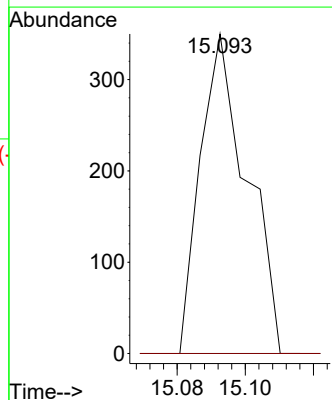
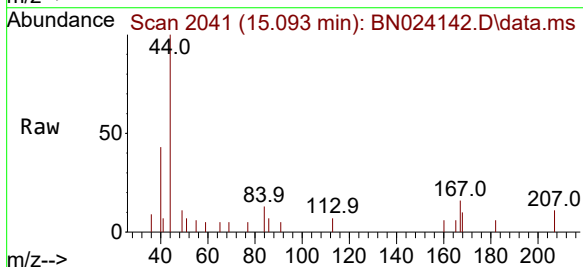
Instrument :
BNA_N
ClientSampleId :
SBLK981

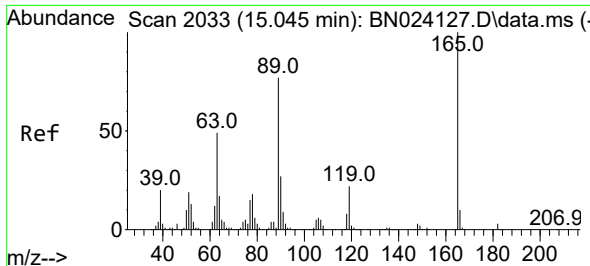
Tgt Ion:109 Resp: 62
Ion Ratio Lower Upper
109 100
139 213.6 115.0 172.4#
65 4811.9 115.7 173.5#



#56
Dibenzofuran
Concen: 0.005 ng/ul
RT: 15.093 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

Tgt Ion:168 Resp: 332
Ion Ratio Lower Upper
168 100
139 0.0 30.7 46.1#

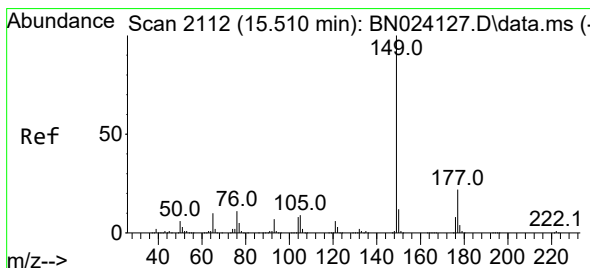
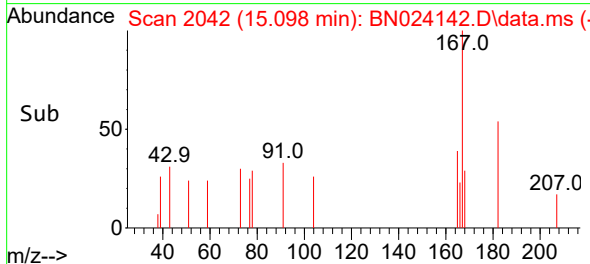
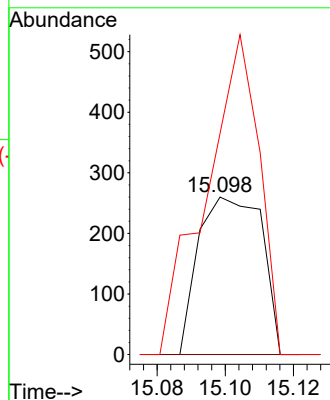
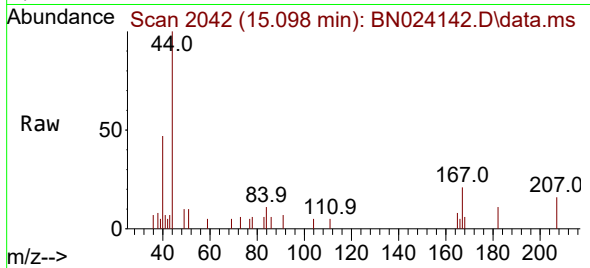




#57
2,4-Dinitrotoluene
Concen: 0.027 ng/ul
RT: 15.098 min Scan# 2033
Delta R.T. 0.053 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

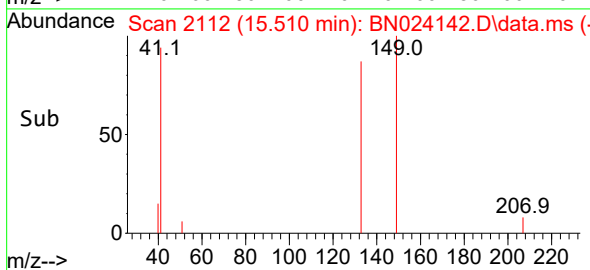
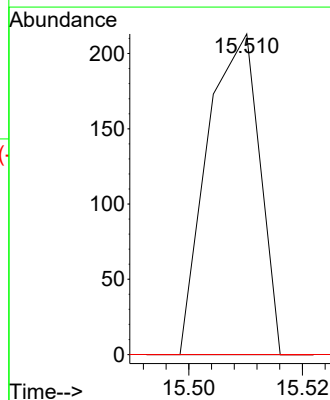
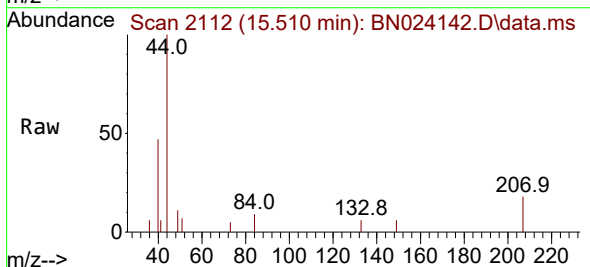
Instrument :
BNA_N
ClientSampleId :
SBLK981

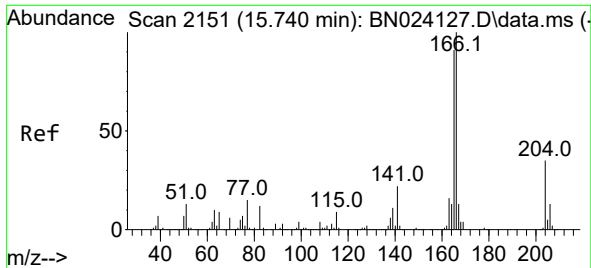
Tgt Ion:165 Resp: 336
Ion Ratio Lower Upper
165 100
63 0.0 38.5 57.7#
182 140.4 2.2 3.4#



#59
Diethylphthalate
Concen: 0.003 ng/ul
RT: 15.510 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

Tgt Ion:149 Resp: 136
Ion Ratio Lower Upper
149 100
177 0.0 16.9 25.3#
150 0.0 9.7 14.5#

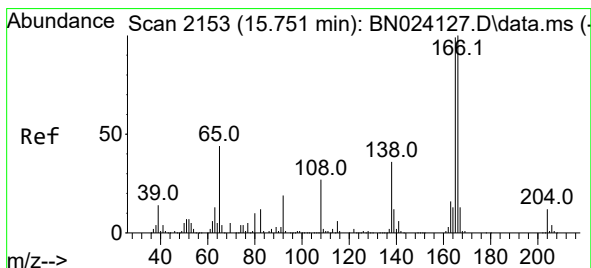
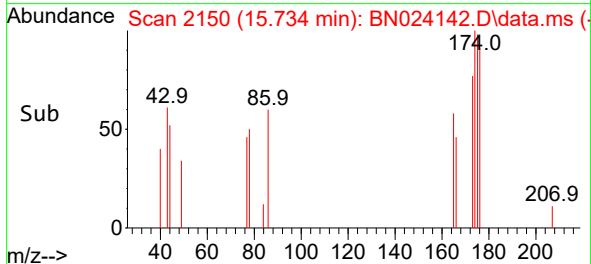
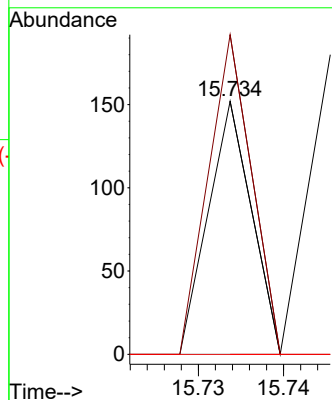
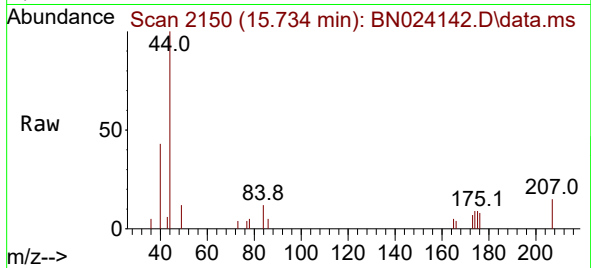




#61
Fluorene
Concen: 0.001 ng/ul
RT: 15.734 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

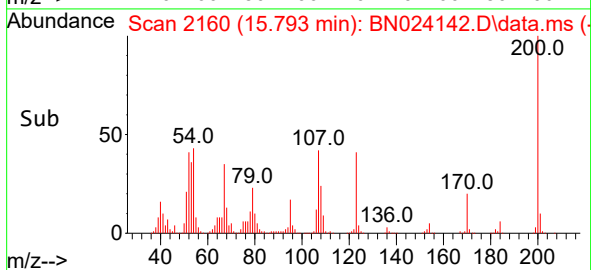
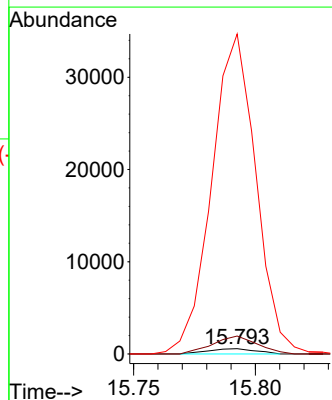
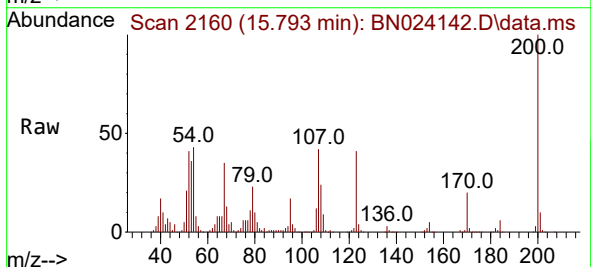
Instrument :
BNA_N
ClientSampleId :
SBLK981

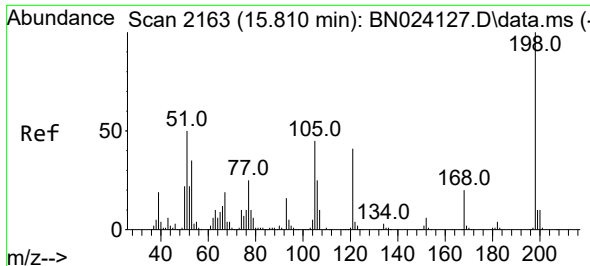
Tgt Ion:166 Resp: 54
Ion Ratio Lower Upper
166 100
165 126.3 75.6 113.4#
167 0.0 11.2 16.8#



#63
4-Nitroaniline
Concen: 0.084 ng/ul
RT: 15.793 min Scan# 2160
Delta R.T. 0.041 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

Tgt Ion:138 Resp: 772
Ion Ratio Lower Upper
138 100
92 338.2 40.0 60.0#
108 6055.1 60.4 90.6#

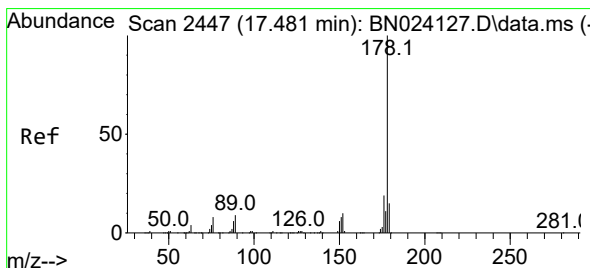
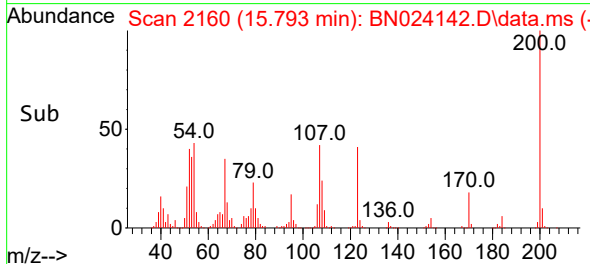
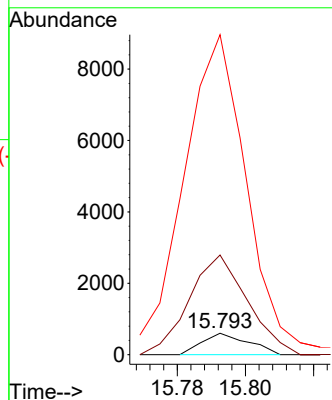
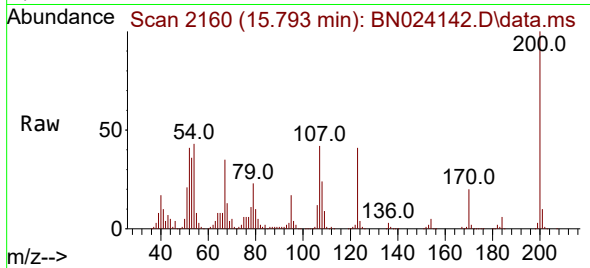




#66
4,6-Dinitro-2-methylphenol
Concen: 0.073 ng/ul
RT: 15.793 min Scan# 2163
Delta R.T. -0.018 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

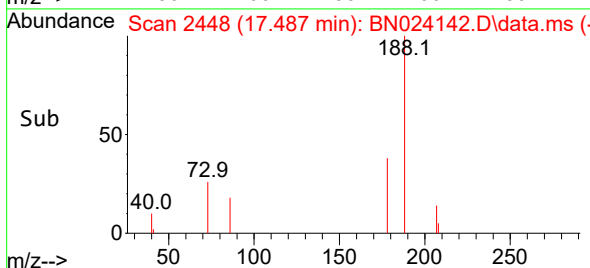
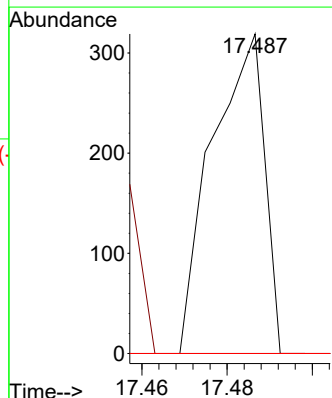
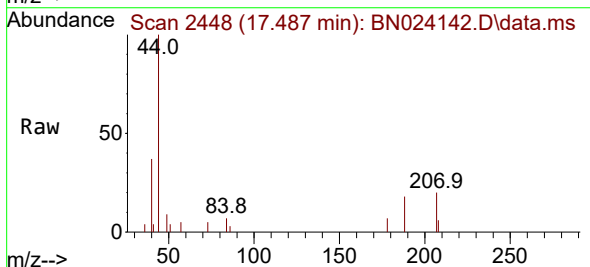
Instrument :
BNA_N
ClientSampleId :
SBLK981

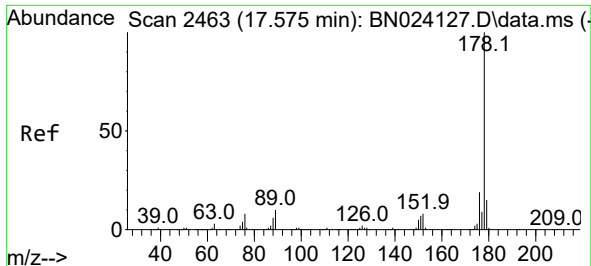
Tgt Ion:198 Resp: 566
Ion Ratio Lower Upper
198 100
182 465.9 3.4 5.0#
77 1496.7 20.4 30.6#



#72
Phenanthrene
Concen: 0.003 ng/ul
RT: 17.487 min Scan# 2448
Delta R.T. 0.006 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

Tgt Ion:178 Resp: 272
Ion Ratio Lower Upper
178 100
179 0.0 11.6 17.4#
176 0.0 14.9 22.3#

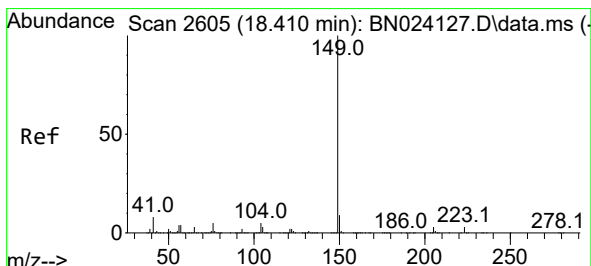
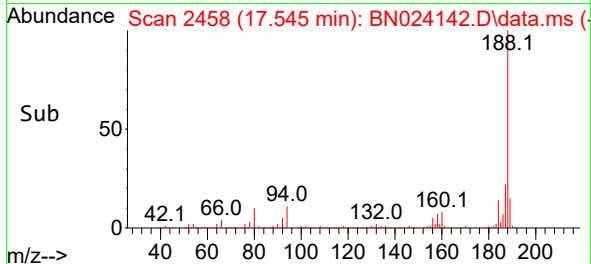
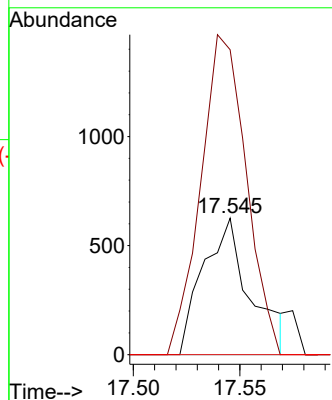
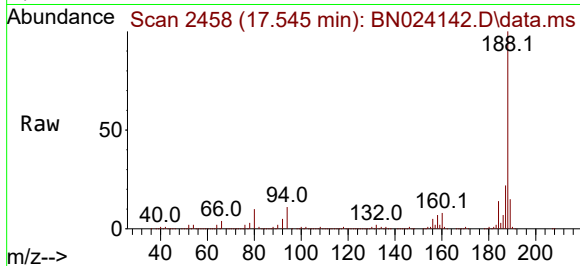




#74
 Anthracene
 Concen: 0.012 ng/ul
 RT: 17.545 min Scan# 2463
 Delta R.T. -0.029 min
 Lab File: BN024142.D
 Acq: 07 Mar 2023 13:14

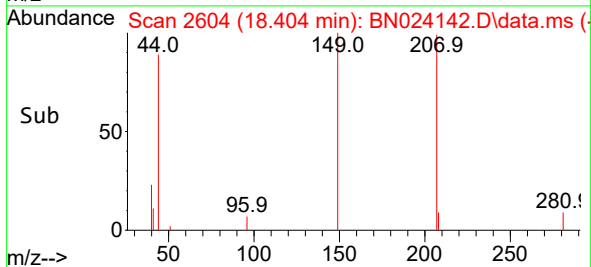
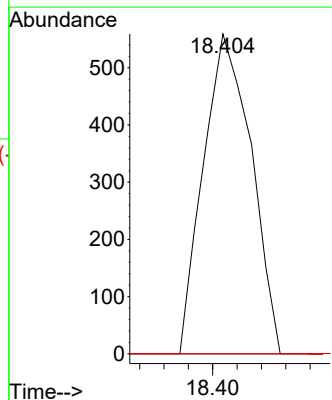
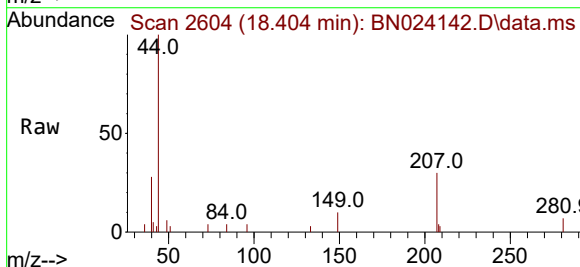
Instrument :
 BNA_N
 ClientSampleId :
 SBLK981

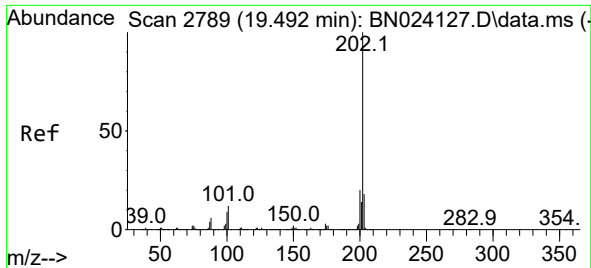
Tgt Ion:178 Resp: 964
 Ion Ratio Lower Upper
 178 100
 179 223.3 11.9 17.9#
 176 0.0 14.6 21.8#



#78
 Di-n-butylphthalate
 Concen: 0.009 ng/ul
 RT: 18.404 min Scan# 2604
 Delta R.T. -0.006 min
 Lab File: BN024142.D
 Acq: 07 Mar 2023 13:14

Tgt Ion:149 Resp: 763
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.4 11.0#
 104 0.0 4.0 6.0#

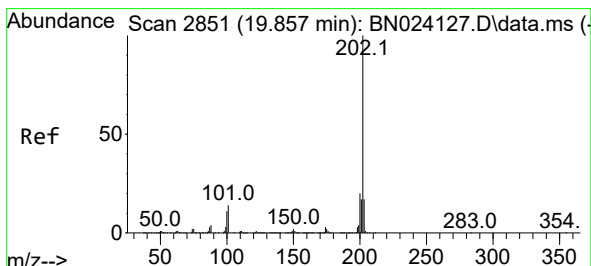
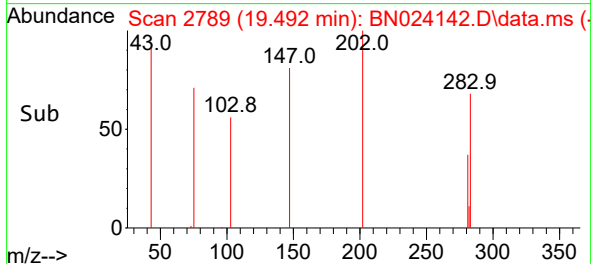
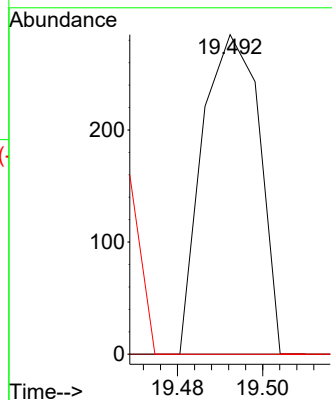
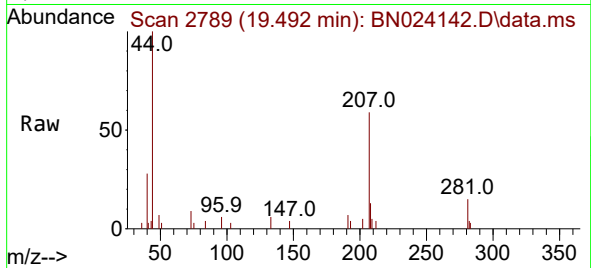




#80
 Fluoranthene
 Concen: 0.003 ng/ul
 RT: 19.492 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024142.D
 Acq: 07 Mar 2023 13:14

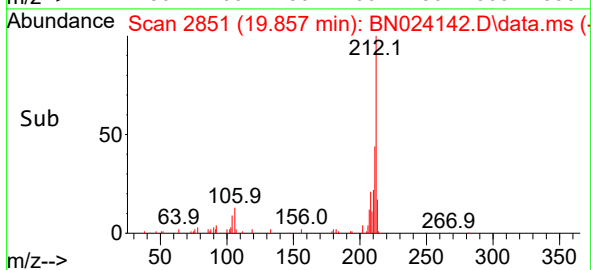
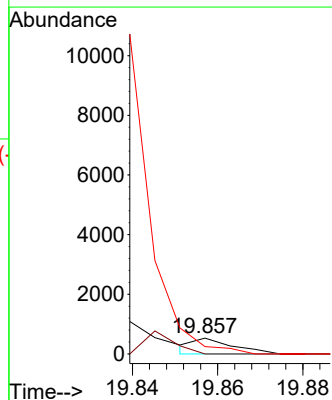
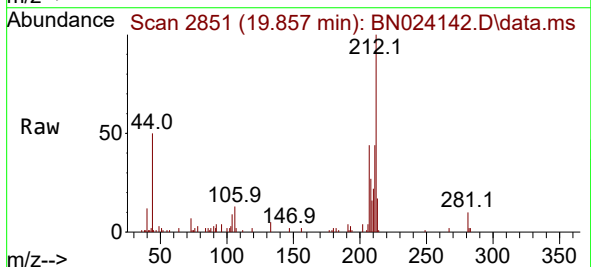
Instrument :
 BNA_N
 ClientSampleId :
 SBLK981

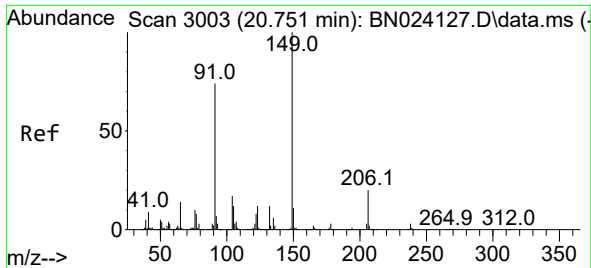
Tgt Ion:202 Resp: 264
 Ion Ratio Lower Upper
 202 100
 101 0.0 10.0 15.0#
 100 0.0 7.6 11.4#



#82
 Pyrene
 Concen: 0.004 ng/ul
 RT: 19.857 min Scan# 2851
 Delta R.T. 0.000 min
 Lab File: BN024142.D
 Acq: 07 Mar 2023 13:14

Tgt Ion:202 Resp: 336
 Ion Ratio Lower Upper
 202 100
 101 0.0 11.9 17.9#
 100 46.2 9.9 14.9#

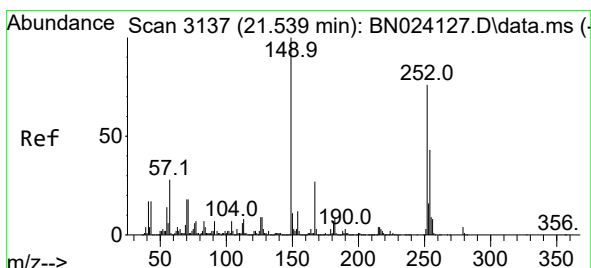
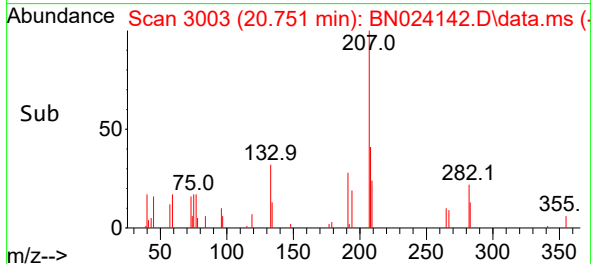
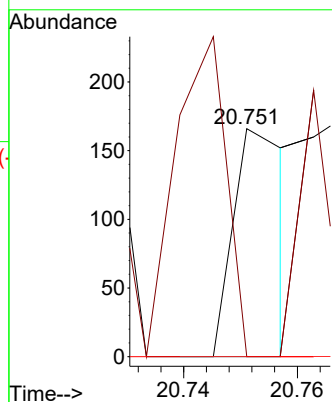
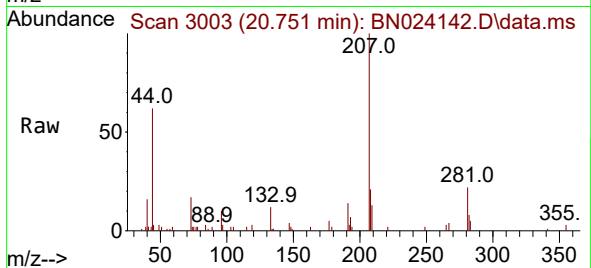




#83
Butylbenzylphthalate
Concen: 0.005 ng/ul
RT: 20.751 min Scan# 3003
Delta R.T. 0.000 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

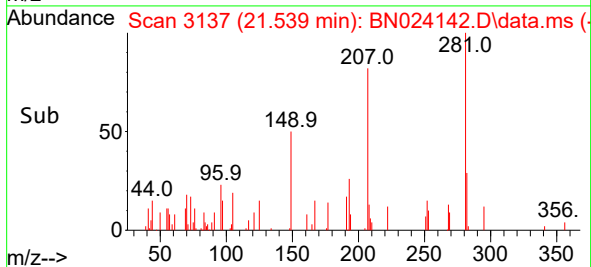
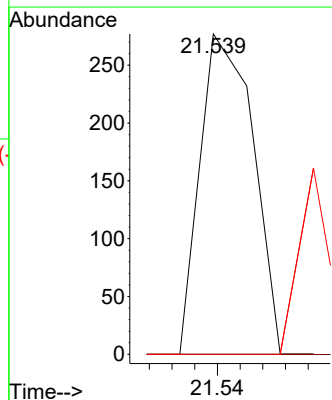
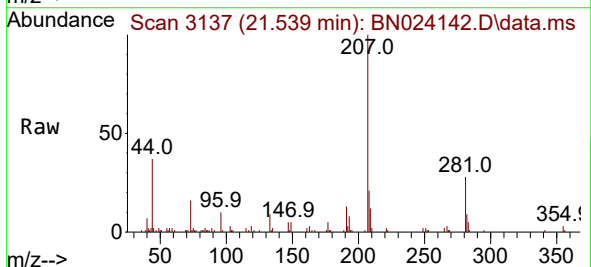
Instrument :
BNA_N
ClientSampleId :
SBLK981

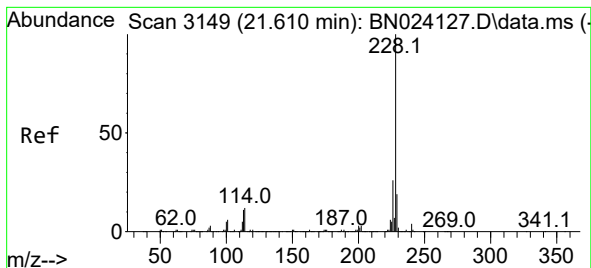
Tgt Ion:149 Resp: 112
Ion Ratio Lower Upper
149 100
91 0.0 62.2 93.2#
206 0.0 16.4 24.6#



#84
3,3'-Dichlorobenzidine
Concen: 0.008 ng/ul
RT: 21.539 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

Tgt Ion:252 Resp: 180
Ion Ratio Lower Upper
252 100
254 0.0 54.6 81.8#
126 0.0 11.0 16.6#





#85

Benzo(a)anthracene

Concen: 0.038 ng/ul

RT: 21.633 min Scan# 3153

Delta R.T. 0.024 min

Lab File: BN024142.D

Acq: 07 Mar 2023 13:14

Instrument :

BNA_N

ClientSampleId :

SBLK981

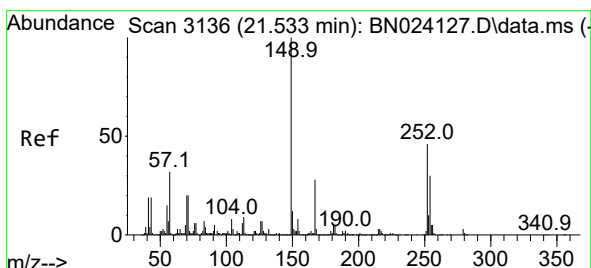
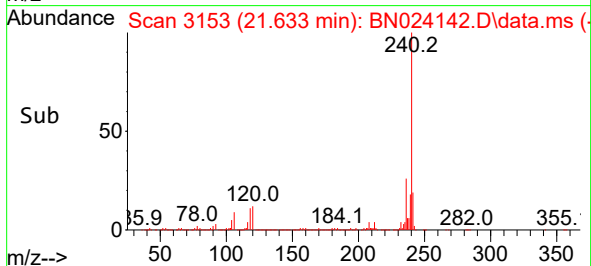
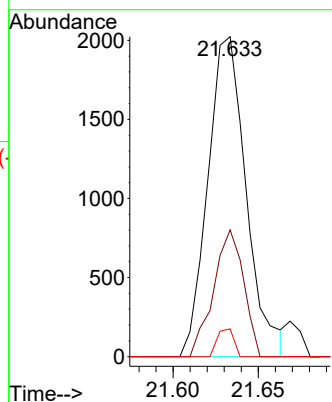
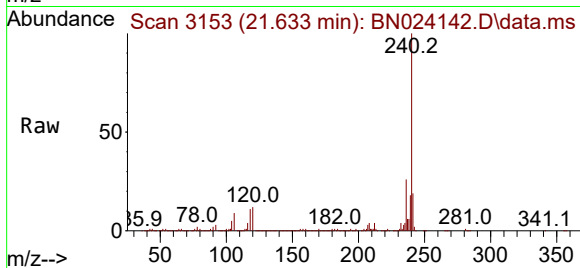
Tgt Ion:228 Resp: 3160

Ion Ratio Lower Upper

228 100

229 39.6 16.3 24.5#

226 8.7 22.6 34.0#



#86

Bis(2-ethylhexyl)phthalate

Concen: 0.041 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. 0.000 min

Lab File: BN024142.D

Acq: 07 Mar 2023 13:14

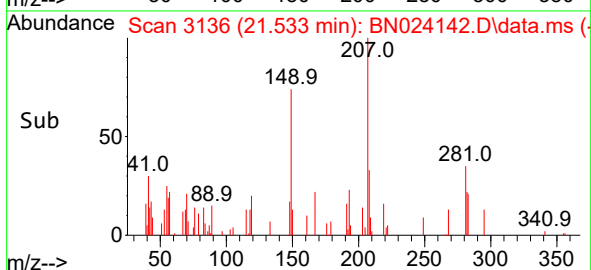
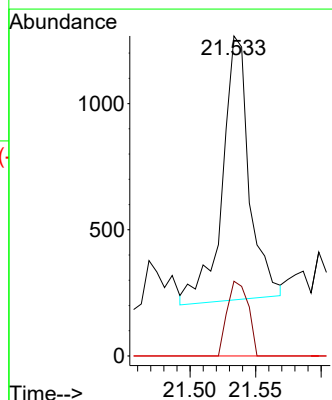
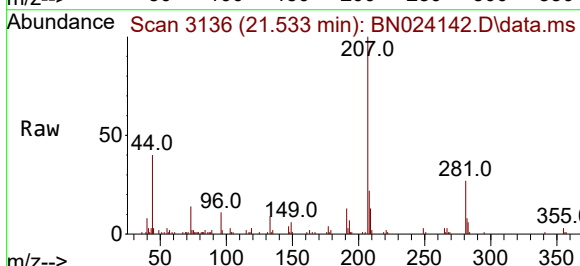
Tgt Ion:149 Resp: 1492

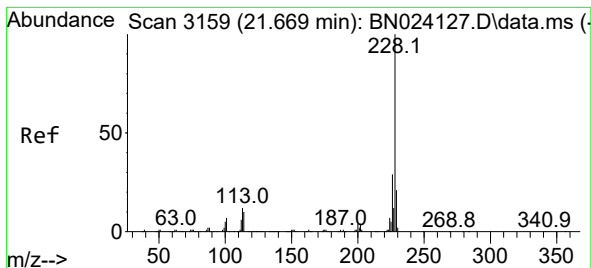
Ion Ratio Lower Upper

149 100

167 23.3 21.6 32.4

279 0.0 3.4 5.2#





#87

Chrysene

Concen: 0.002 ng/ul

RT: 21.669 min Scan# 3159

Delta R.T. 0.000 min

Lab File: BN024142.D

Acq: 07 Mar 2023 13:14

Instrument :

BNA_N

ClientSampleId :

SBLK981

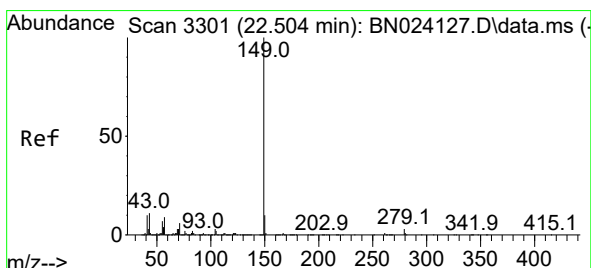
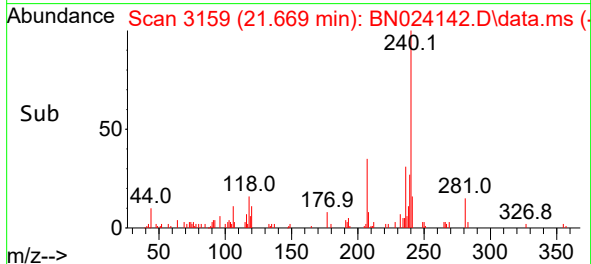
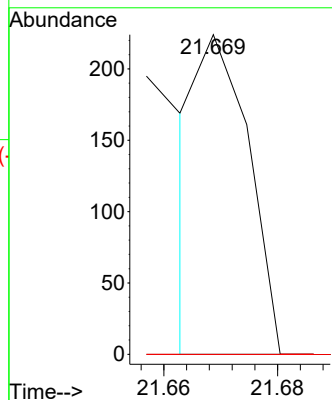
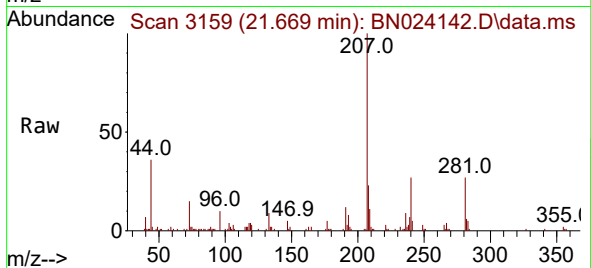
Tgt Ion:228 Resp: 136

Ion Ratio Lower Upper

228 100

226 0.0 25.8 38.6#

229 0.0 17.5 26.3#



#89

Di-n-octyl phthalate

Concen: 0.003 ng/ul

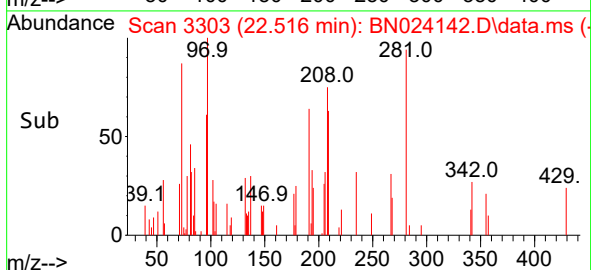
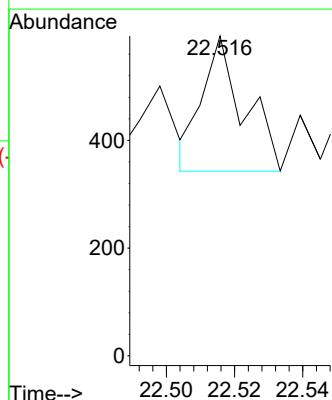
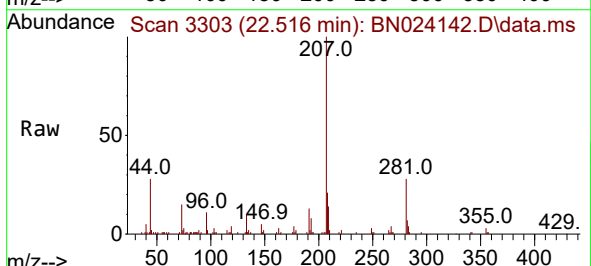
RT: 22.516 min Scan# 3303

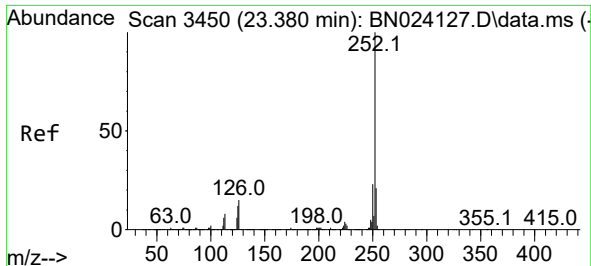
Delta R.T. 0.012 min

Lab File: BN024142.D

Acq: 07 Mar 2023 13:14

Tgt Ion:149 Resp: 210

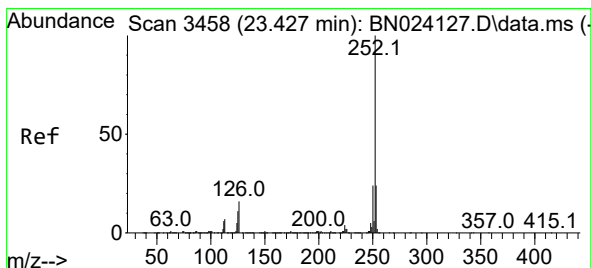
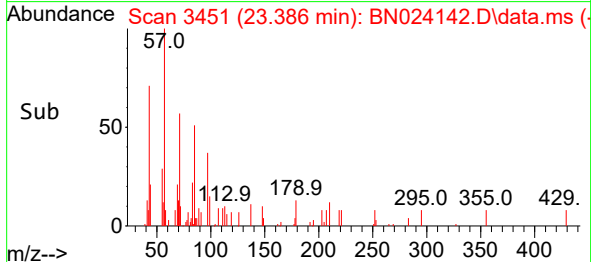
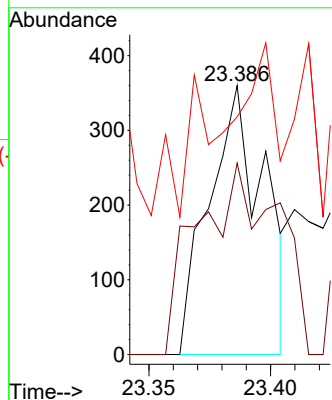
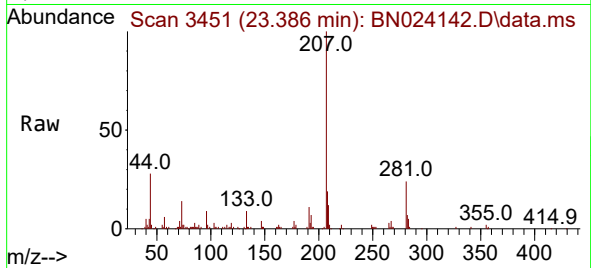




#90
Benzo(b)fluoranthene
Concen: 0.007 ng/ul
RT: 23.386 min Scan# 3450
Delta R.T. 0.006 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

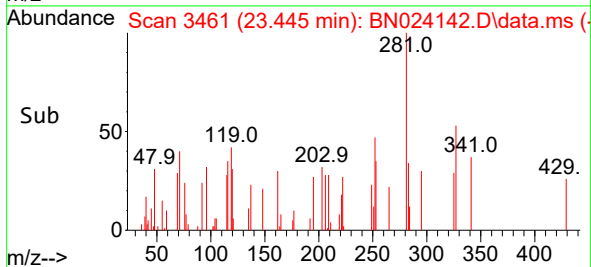
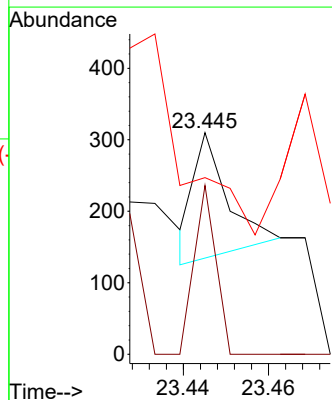
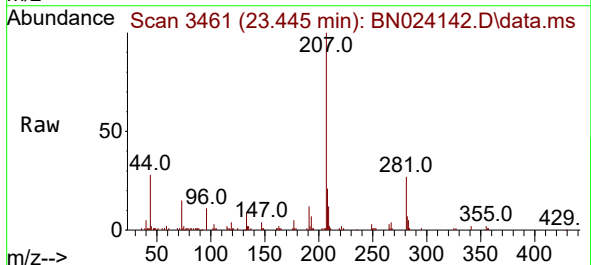
Instrument :
BNA_N
ClientSampleId :
SBLK981

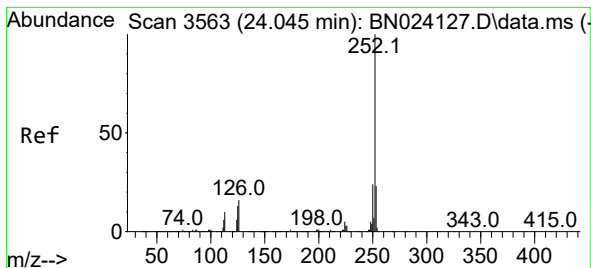
Tgt Ion:252 Resp: 567
Ion Ratio Lower Upper
252 100
253 71.1 18.3 27.5#
125 88.3 9.5 14.3#



#91
Benzo(k)fluoranthene
Concen: 0.001 ng/ul
RT: 23.445 min Scan# 3461
Delta R.T. 0.018 min
Lab File: BN024142.D
Acq: 07 Mar 2023 13:14

Tgt Ion:252 Resp: 99
Ion Ratio Lower Upper
252 100
253 76.1 17.4 26.0#
125 79.7 9.0 13.6#





#93

Benzo(a)pyrene

Concen: 0.001 ng/ul

RT: 24.039 min Scan# 3

Delta R.T. -0.006 min

Lab File: BN024142.D

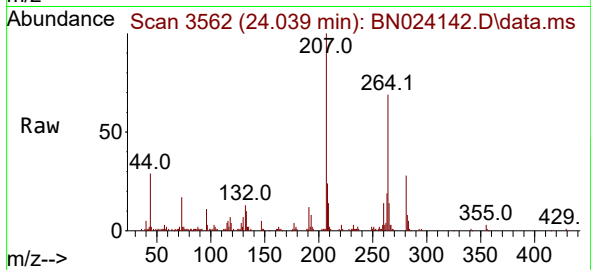
Acq: 07 Mar 2023 13:14

Instrument :

BNA_N

ClientSampleId :

SBLK981



Tgt Ion:252 Resp: 74

Ion Ratio Lower Upper

252 100

253 57.9 17.0 25.4#

125 66.4 9.5 14.3#

