

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030723\
 Data File : BN024143.D
 Acq On : 07 Mar 2023 13:50
 Operator : CG/JU
 Sample : PB150982BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SBLK982

Quant Time: Mar 08 03:05:45 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	232842	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1009815	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	596984	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1263465	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	1094114	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	1217348	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	40923	6.856	ng/uL	0.00
4) Pyridine-d5	3.828	84	568887	34.444	ng/ul	0.00
7) Phenol-d5	7.199	99	695243	33.288	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	457849	34.232	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	538405	33.568	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	538175	32.414	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	228092	34.801	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	258845	36.216	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	493362	31.989	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	749864	32.589	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	1586699	34.438	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1836729	34.249	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	218372	24.805	ng/ul	0.00
60) Fluorene-d10	15.687	176	1331266	34.381	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	148631	21.835	ng/ul	0.00
73) Anthracene-d10	17.539	188	2022877	33.948	ng/ul	0.00
81) Pyrene-d10	19.828	212	2292509	35.852	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.969	264	2155860	35.625	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	228	0.035	ng/ul#	18
5) Pyridine	3.864	79	349	0.020	ng/ul#	1
6) Benzaldehyde	7.199	77	1405	0.138	ng/ul#	1
22) Nitrobenzene	9.263	77	437	0.025	ng/ul#	40
32) 4-Chloroaniline	11.022	127	126	0.005	ng/ul#	1
47) Dimethylphthalate	14.098	163	790	0.017	ng/ul#	1
57) 2,4-Dinitrotoluene	15.104	165	200	0.019	ng/ul#	1
61) Fluorene	15.687	166	2739	0.063	ng/ul#	10
63) 4-Nitroaniline	15.787	138	444	0.055	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	15.798	198	495	0.072	ng/ul#	1
72) Phenanthrene	17.439	178	466	0.007	ng/ul#	1
74) Anthracene	17.575	178	125	0.002	ng/ul#	61
78) Di-n-butylphthalate	18.398	149	479	0.006	ng/ul#	78
82) Pyrene	19.828	202	2984	0.038	ng/ul#	1
83) Butylbenzylphthalate	20.751	149	211	0.011	ng/ul#	20
85) Benzo(a)anthracene	21.627	228	3113	0.041	ng/ul#	65
86) Bis(2-ethylhexyl)phtha...	21.533	149	1493	0.045	ng/ul#	53
87) Chrysene	21.663	228	165	0.002	ng/ul#	47
89) Di-n-octyl phthalate	22.492	149	239	0.004	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	419	0.005	ng/ul#	1
91) Benzo(k)fluoranthene	23.410	252	204	0.003	ng/ul#	1
93) Benzo(a)pyrene	24.045	252	147	0.002	ng/ul#	1

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Response via : Initial Calibration

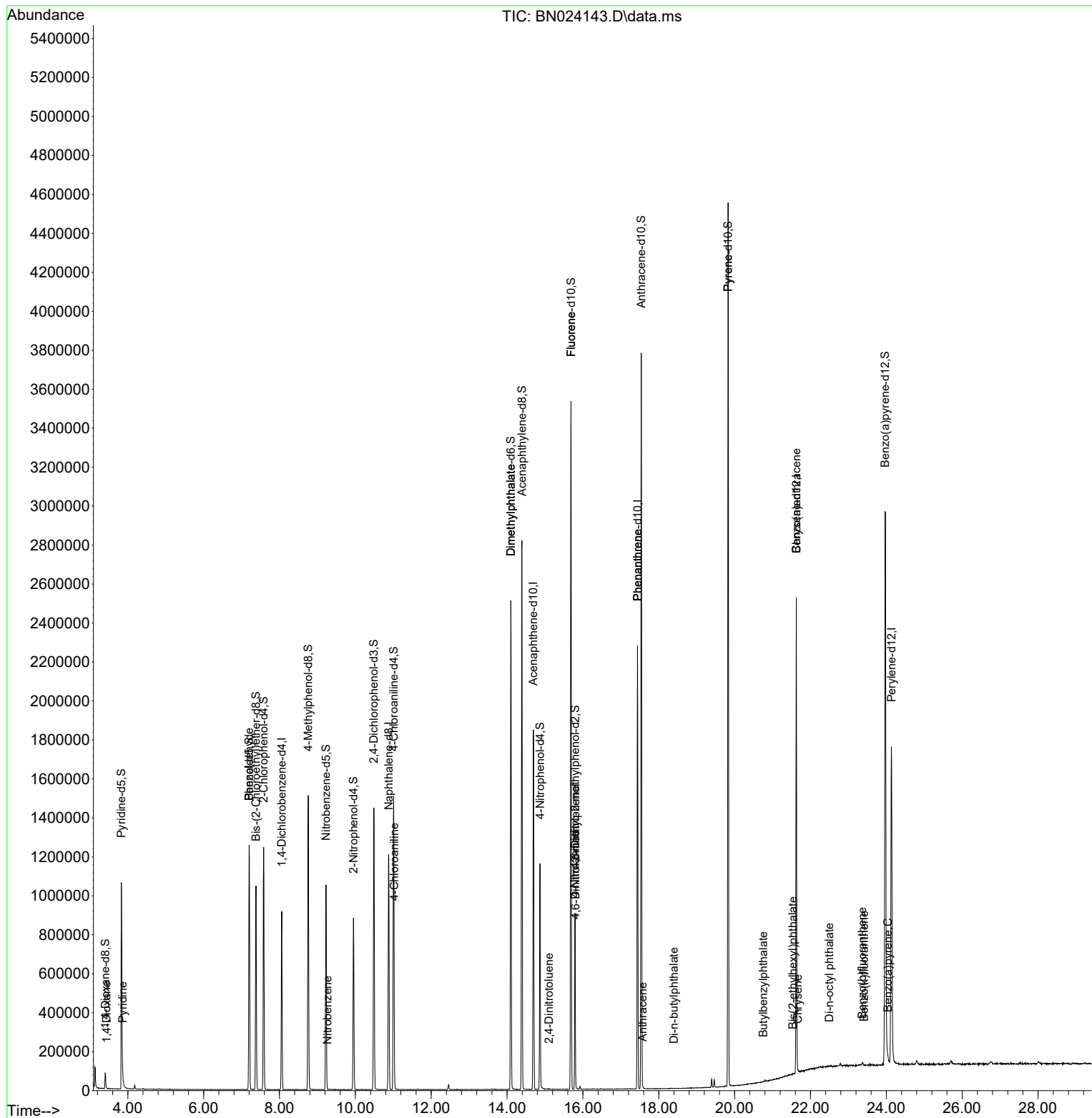
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

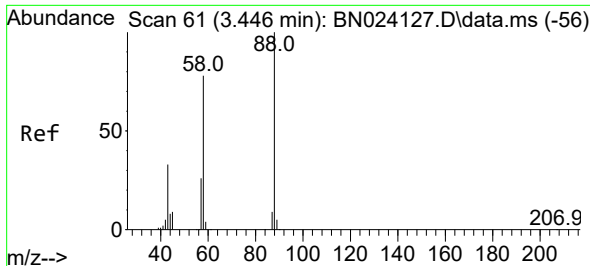
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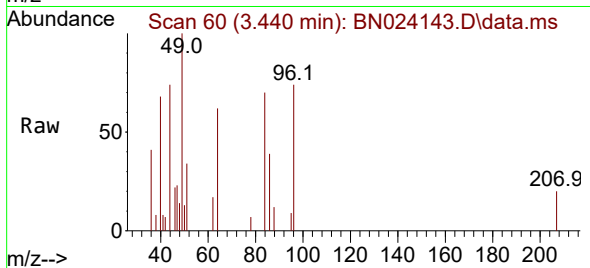
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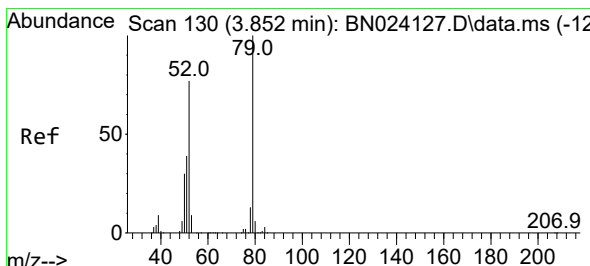
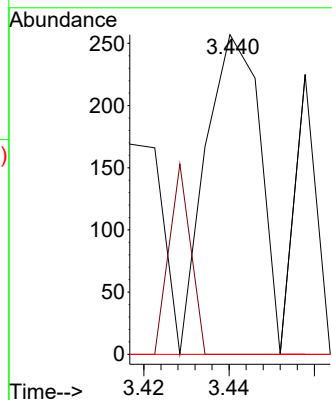
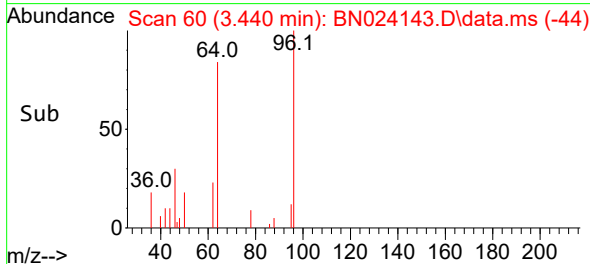


#2
1,4-Dioxane
Concen: 0.035 ng/uL
RT: 3.440 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

Instrument :
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ClientSampleId :
SBLK982

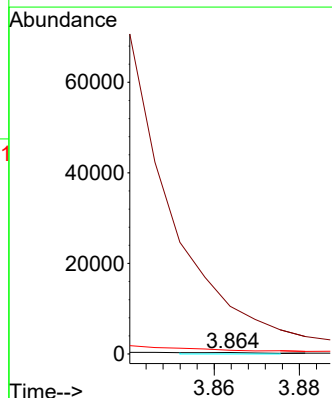
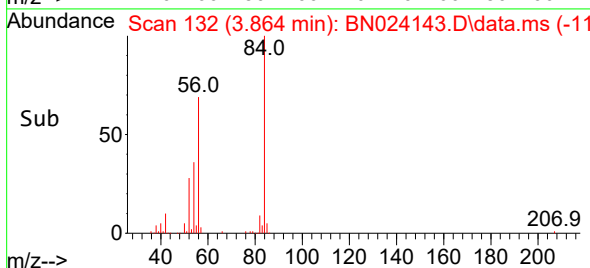
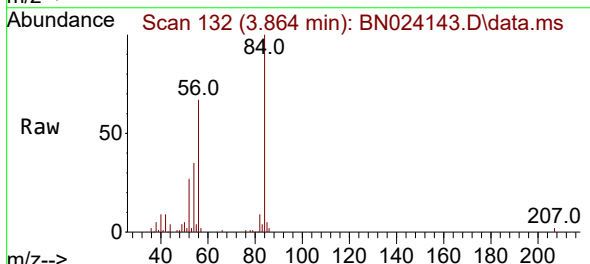


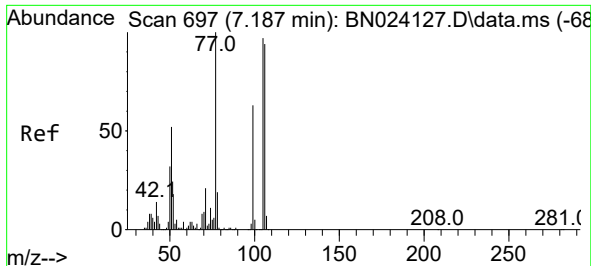
Tgt Ion: 88 Resp: 228
Ion Ratio Lower Upper
88 100
43 0.0 26.2 39.4#
58 0.0 64.9 97.3#



#5
Pyridine
Concen: 0.020 ng/uL
RT: 3.864 min Scan# 132
Delta R.T. 0.012 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

Tgt Ion: 79 Resp: 349
Ion Ratio Lower Upper
79 100
52 3177.4 65.1 97.7#
51 242.2 31.4 47.0#

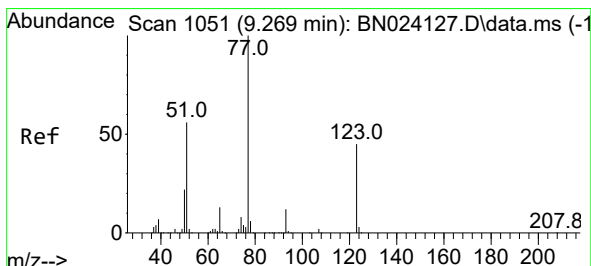
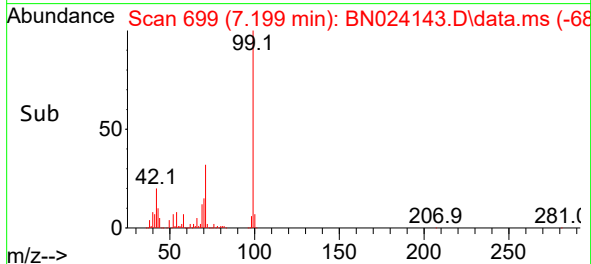
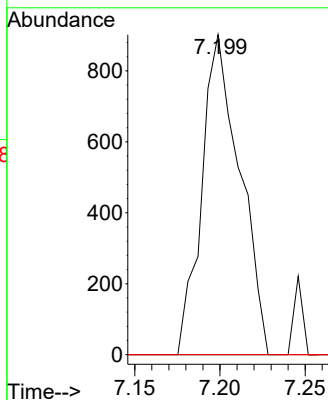
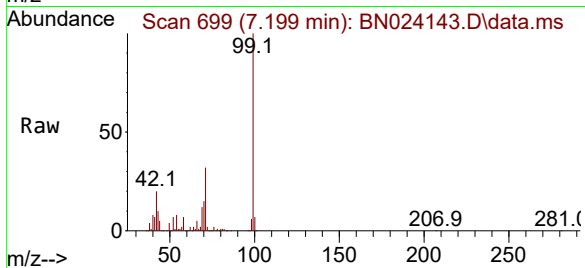




#6
Benzaldehyde
Concen: 0.138 ng/ul
RT: 7.199 min Scan# 697
Delta R.T. 0.012 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

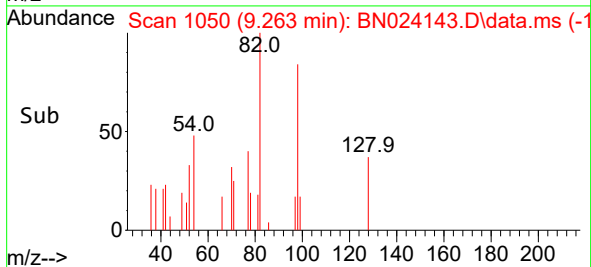
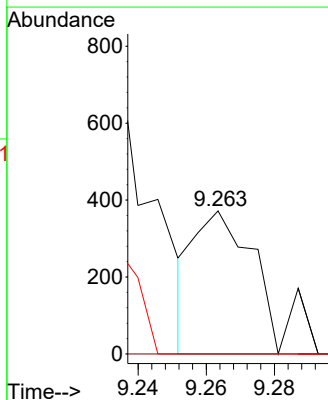
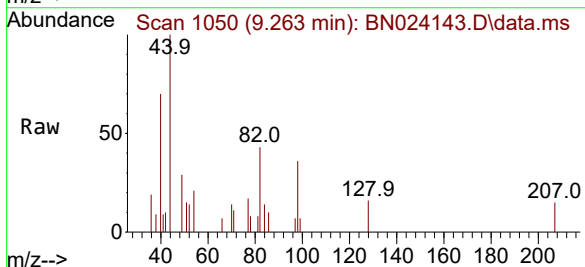
Instrument :
BNA_N
ClientSampleId :
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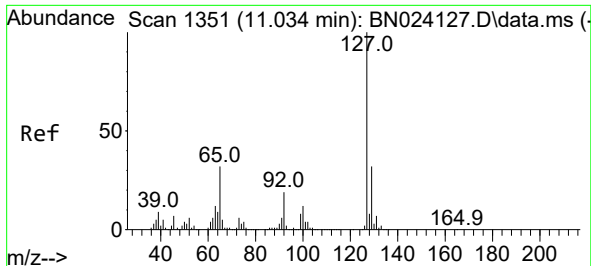
Tgt Ion: 77 Resp: 1405
Ion Ratio Lower Upper
77 100
105 0.0 79.2 118.8#
106 0.0 75.9 113.9#



#22
Nitrobenzene
Concen: 0.025 ng/ul
RT: 9.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

Tgt Ion: 77 Resp: 437
Ion Ratio Lower Upper
77 100
123 0.0 34.8 52.2#
65 0.0 11.0 16.4#

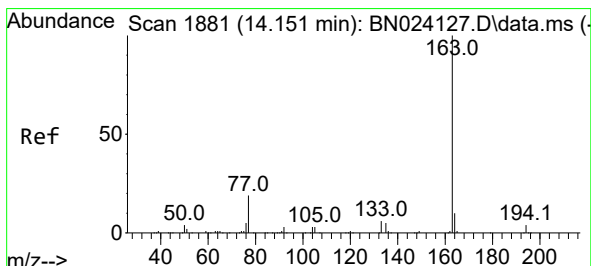
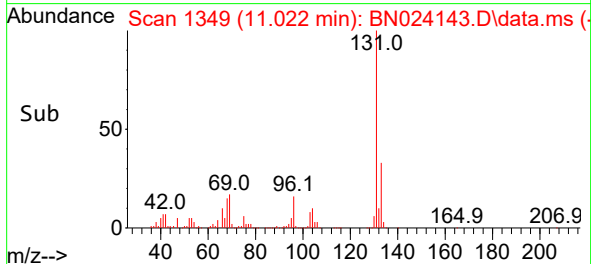
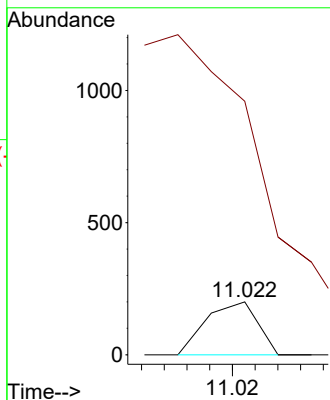
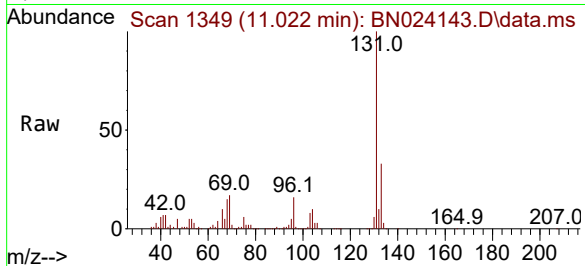




#32
4-Chloroaniline
Concen: 0.005 ng/ul
RT: 11.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

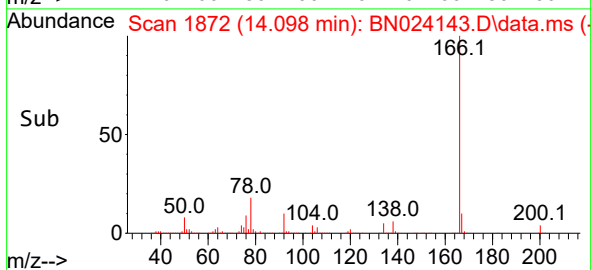
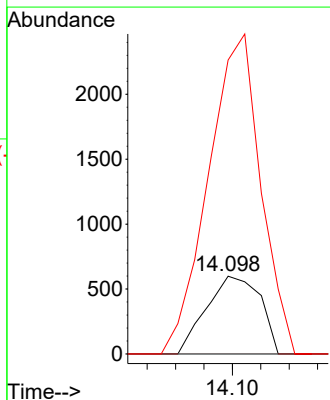
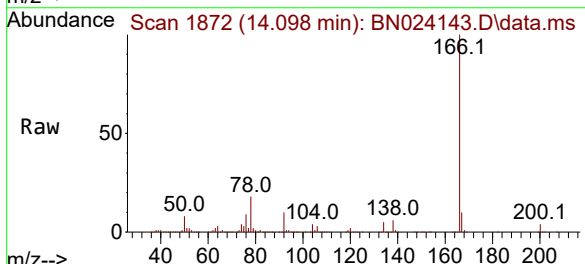
Instrument :
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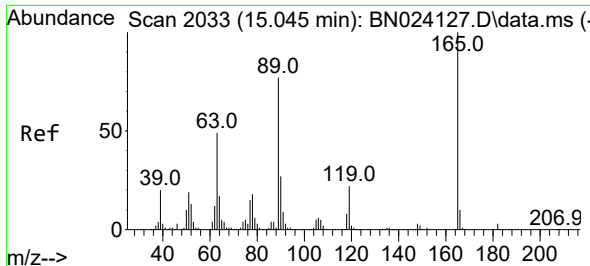
Tgt Ion:127 Resp: 126
Ion Ratio Lower Upper
127 100
129 479.5 25.1 37.7#



#47
Dimethylphthalate
Concen: 0.017 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. -0.053 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

Tgt Ion:163 Resp: 790
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 378.0 8.1 12.1#

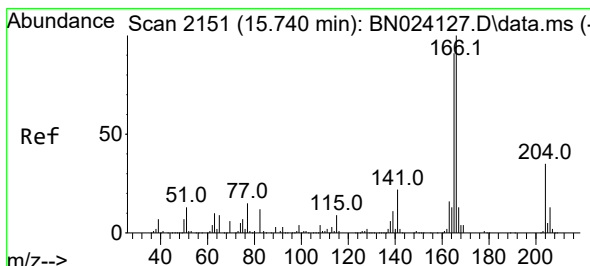
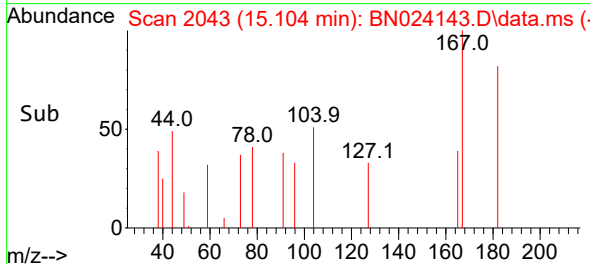
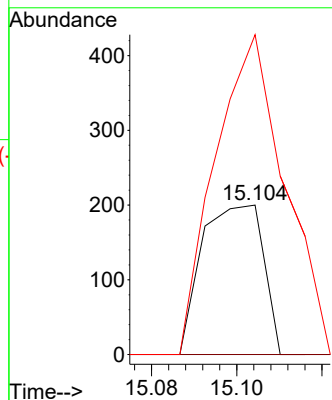
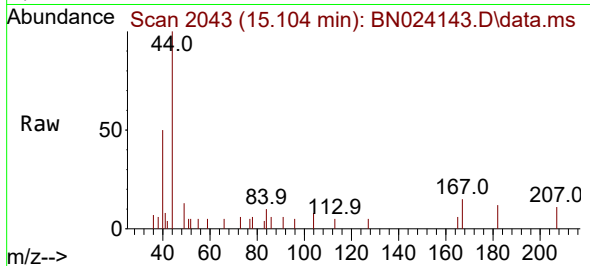




#57
2,4-Dinitrotoluene
Concen: 0.019 ng/ul
RT: 15.104 min Scan# 2142
Delta R.T. 0.059 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

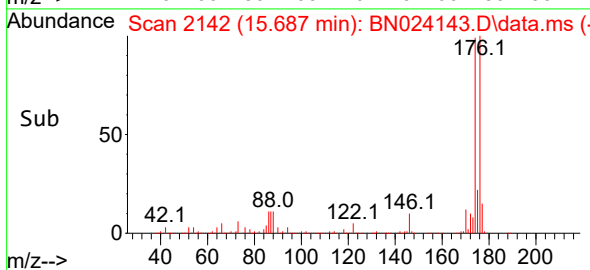
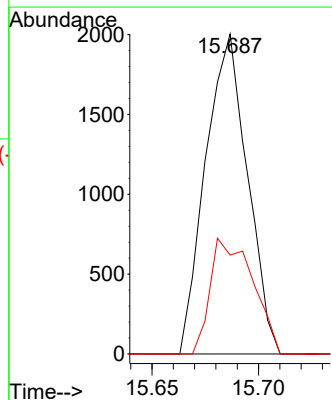
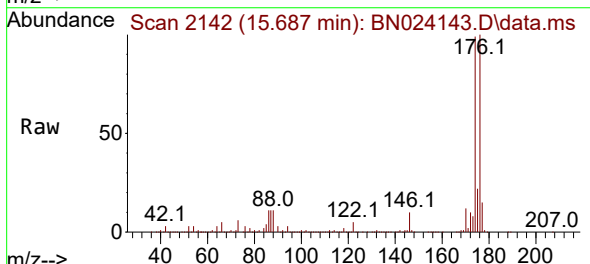
Instrument :
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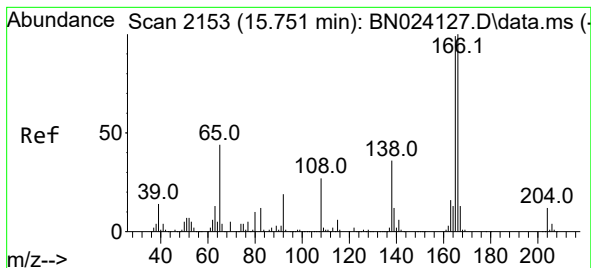
Tgt Ion:165 Resp: 200
Ion Ratio Lower Upper
165 100
63 0.0 38.5 57.7#
182 214.0 2.2 3.4#



#61
Fluorene
Concen: 0.063 ng/ul
RT: 15.687 min Scan# 2142
Delta R.T. -0.053 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

Tgt Ion:166 Resp: 2739
Ion Ratio Lower Upper
166 100
165 0.0 75.6 113.4#
167 30.9 11.2 16.8#

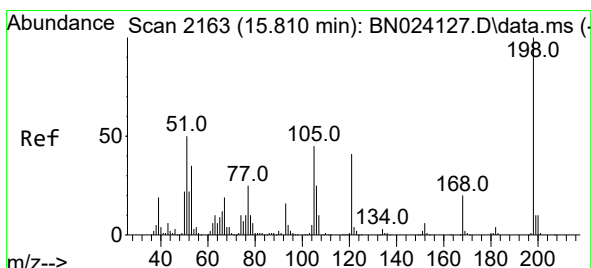
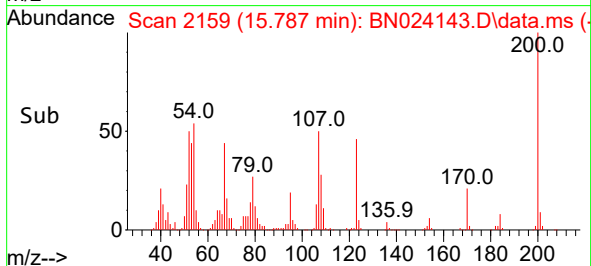
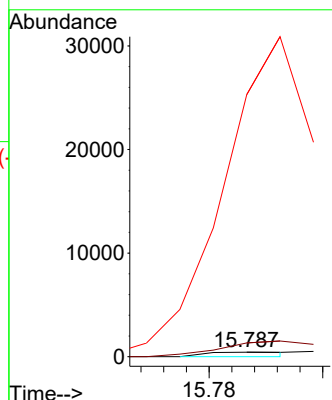
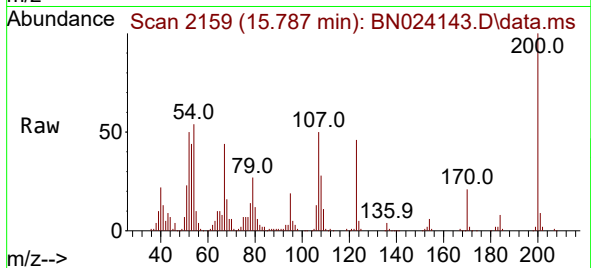




#63
4-Nitroaniline
Concen: 0.055 ng/ul
RT: 15.787 min Scan# 2153
Delta R.T. 0.035 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

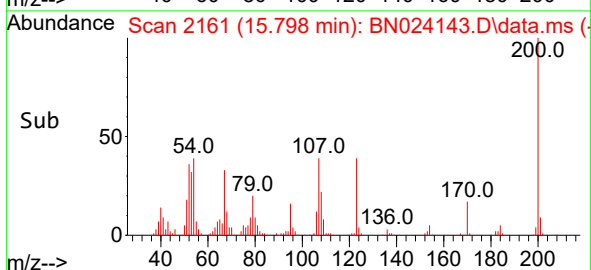
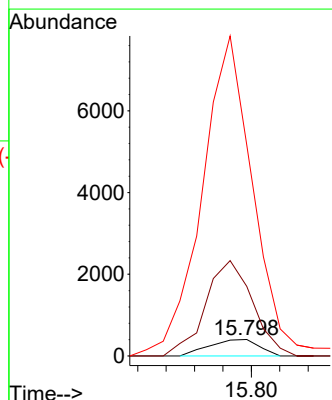
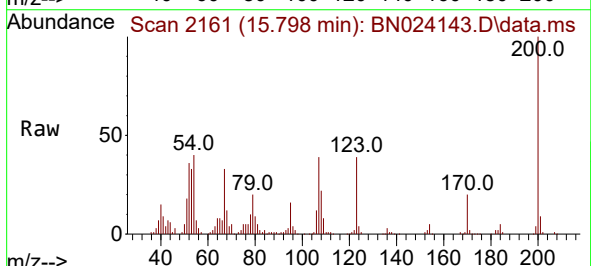
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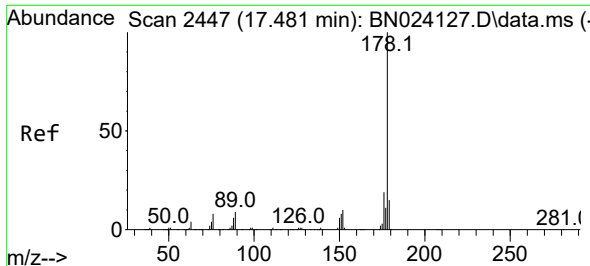
Tgt Ion:138 Resp: 444
Ion Ratio Lower Upper
138 100
92 305.7 40.0 60.0#
108 5803.7 60.4 90.6#



#66
4,6-Dinitro-2-methylphenol
Concen: 0.072 ng/ul
RT: 15.798 min Scan# 2161
Delta R.T. -0.012 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

Tgt Ion:198 Resp: 495
Ion Ratio Lower Upper
198 100
182 421.5 3.4 5.0#
77 1278.7 20.4 30.6#

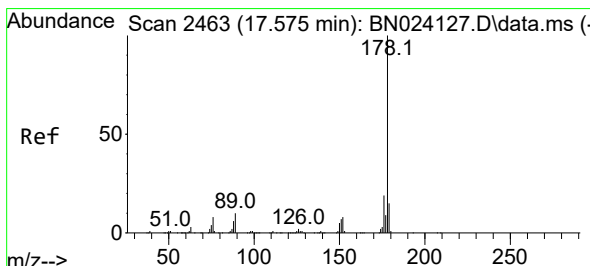
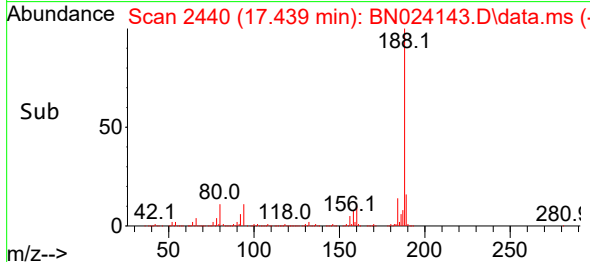
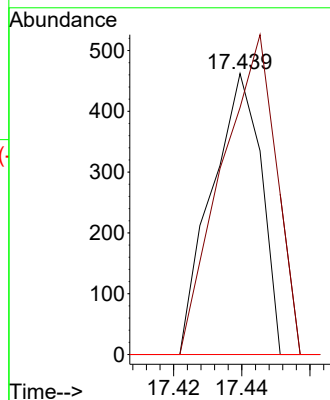
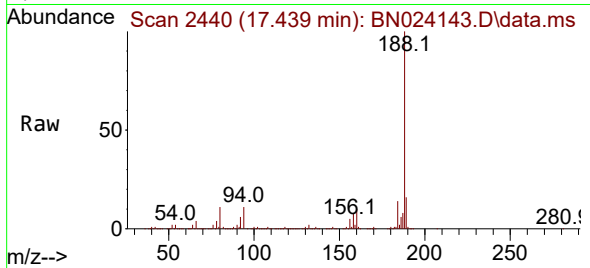




#72
Phenanthrene
Concen: 0.007 ng/u1
RT: 17.439 min Scan# 2440
Delta R.T. -0.041 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

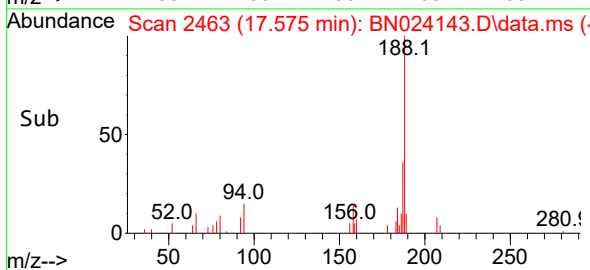
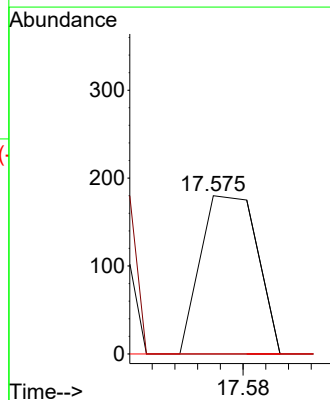
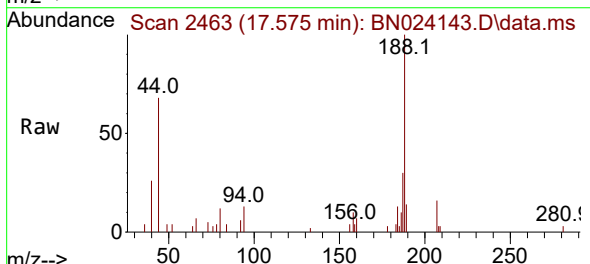
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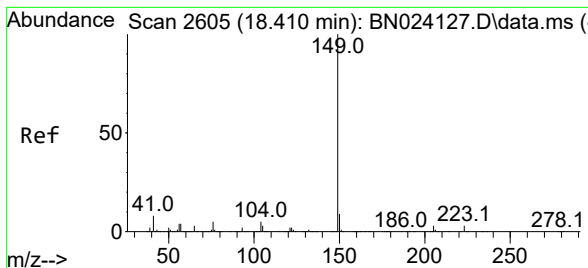
Tgt Ion:178 Resp: 466
Ion Ratio Lower Upper
178 100
179 87.9 11.6 17.4#
176 0.0 14.9 22.3#



#74
Anthracene
Concen: 0.002 ng/u1
RT: 17.575 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN024143.D
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Tgt Ion:178 Resp: 125
Ion Ratio Lower Upper
178 100
179 0.0 11.9 17.9#
176 0.0 14.6 21.8#





#78

Di-n-butylphthalate

Concen: 0.006 ng/ul

RT: 18.398 min Scan# 2603

Delta R.T. -0.012 min

Lab File: BN024143.D

Acq: 07 Mar 2023 13:50

Instrument :

BNA_N

ClientSampleId :

SBLK982

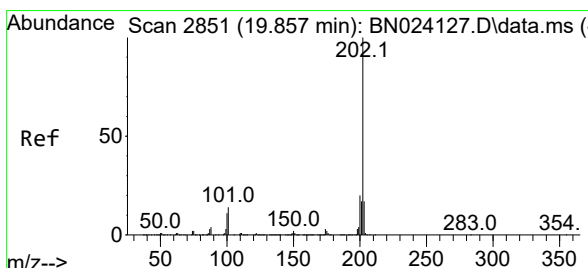
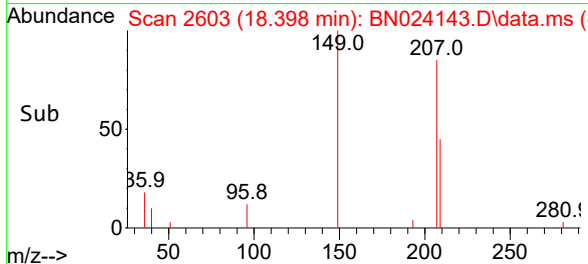
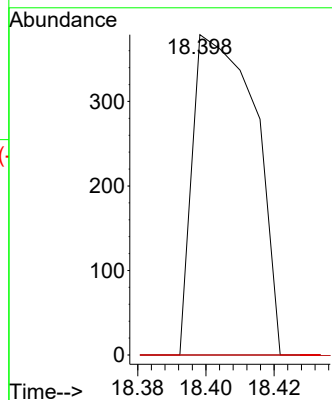
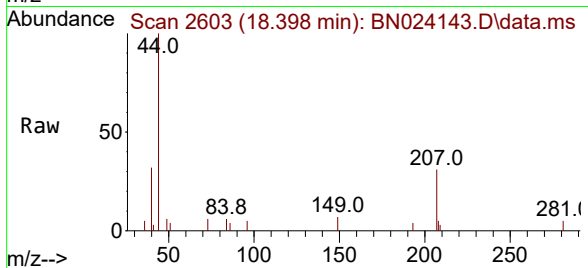
Tgt Ion:149 Resp: 479

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 0.0 4.0 6.0#



#82

Pyrene

Concen: 0.038 ng/ul

RT: 19.828 min Scan# 2846

Delta R.T. -0.029 min

Lab File: BN024143.D

Acq: 07 Mar 2023 13:50

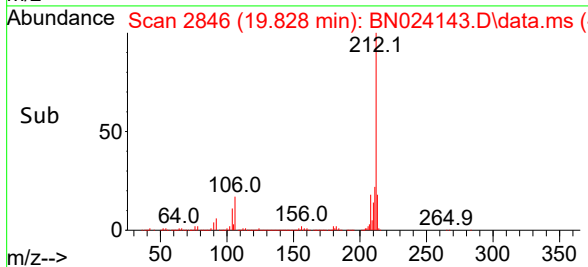
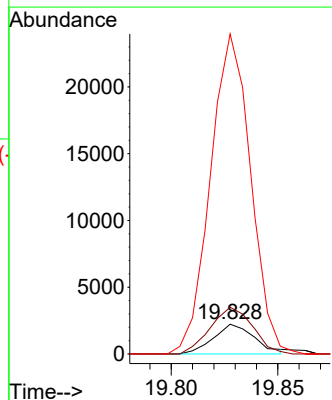
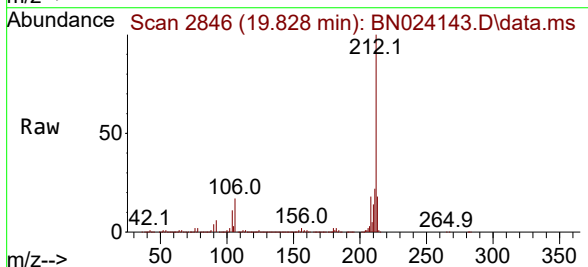
Tgt Ion:202 Resp: 2984

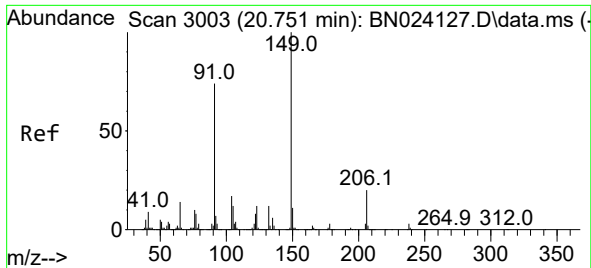
Ion Ratio Lower Upper

202 100

101 157.3 11.9 17.9#

100 1076.2 9.9 14.9#

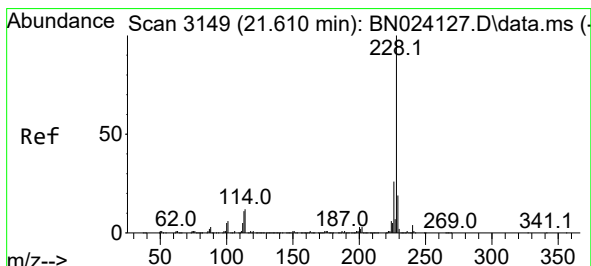
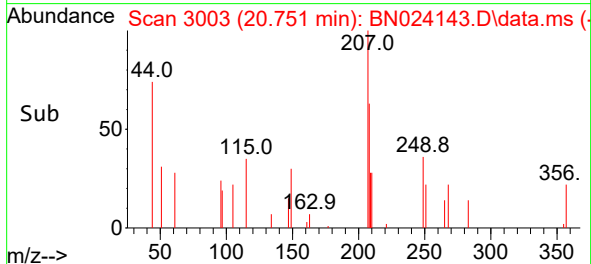
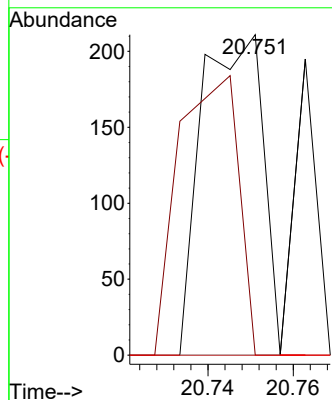
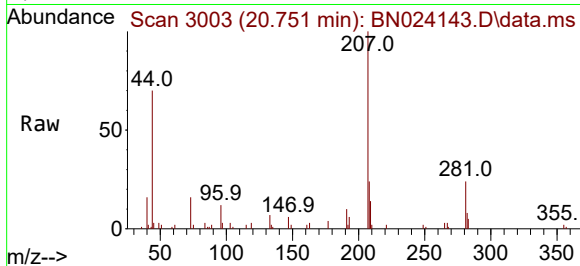




#83
Butylbenzylphthalate
Concen: 0.011 ng/ul
RT: 20.751 min Scan# 3003
Delta R.T. 0.000 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

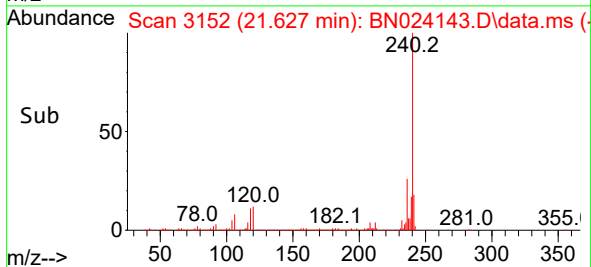
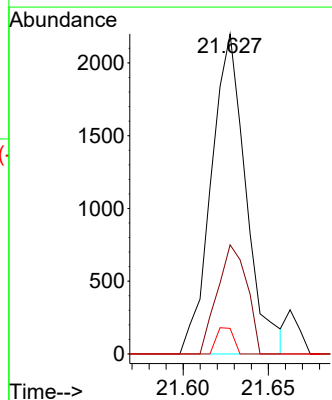
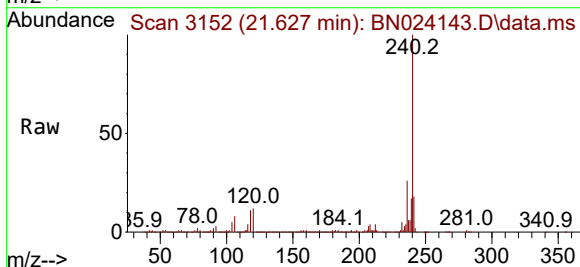
Instrument :
BNA_N
ClientSampleId :
SBLK982

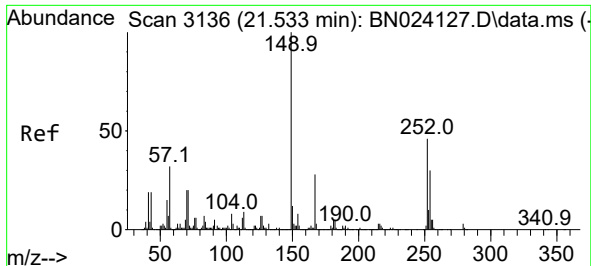
Tgt Ion:149 Resp: 211
Ion Ratio Lower Upper
149 100
91 0.0 62.2 93.2#
206 0.0 16.4 24.6#



#85
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 21.627 min Scan# 3152
Delta R.T. 0.018 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

Tgt Ion:228 Resp: 3113
Ion Ratio Lower Upper
228 100
229 34.1 16.3 24.5#
226 8.0 22.6 34.0#

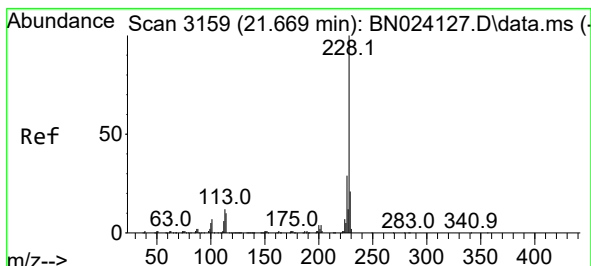
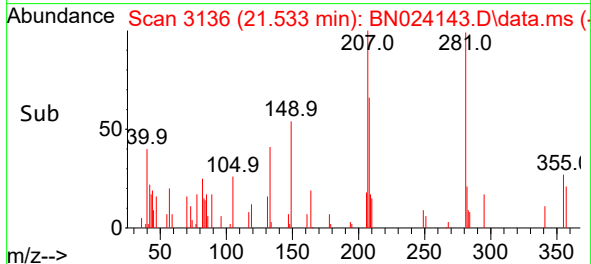
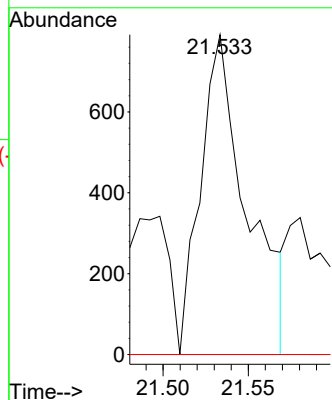
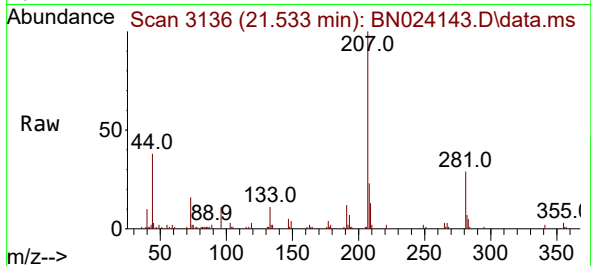




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng/ul
 RT: 21.533 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: BN024143.D
 Acq: 07 Mar 2023 13:50

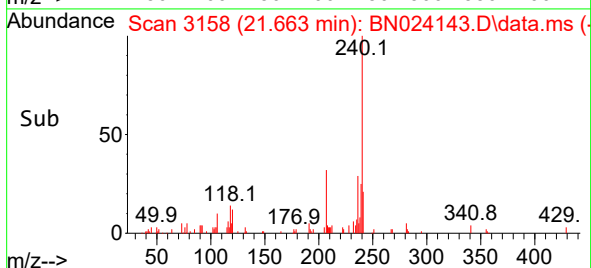
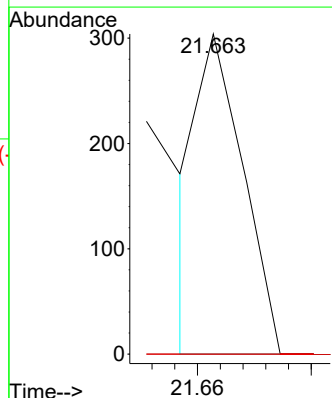
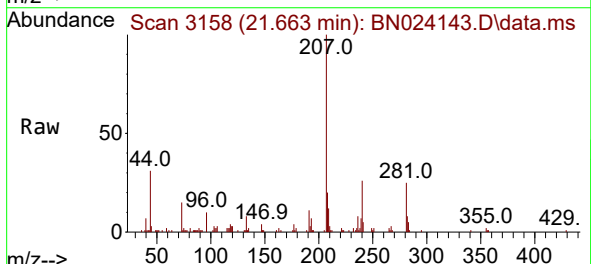
Instrument :
 BNA_N
 ClientSampleId :
 SBLK982

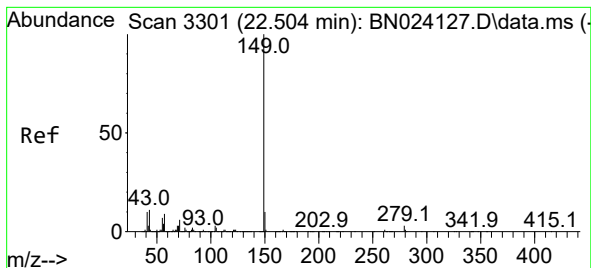
Tgt Ion:149 Resp: 1493
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.6 32.4#
 279 0.0 3.4 5.2#



#87
 Chrysene
 Concen: 0.002 ng/ul
 RT: 21.663 min Scan# 3158
 Delta R.T. -0.006 min
 Lab File: BN024143.D
 Acq: 07 Mar 2023 13:50

Tgt Ion:228 Resp: 165
 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: 0.004 ng/ul

RT: 22.492 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN024143.D

Acq: 07 Mar 2023 13:50

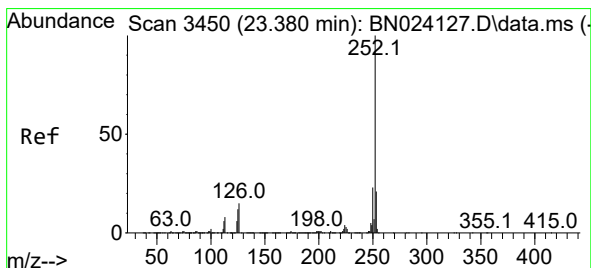
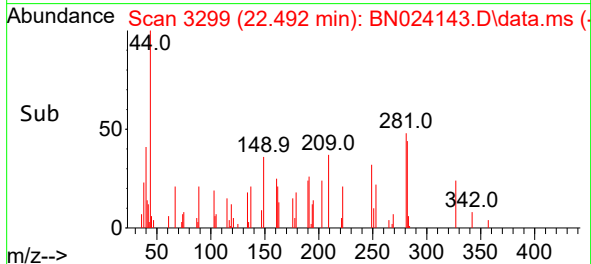
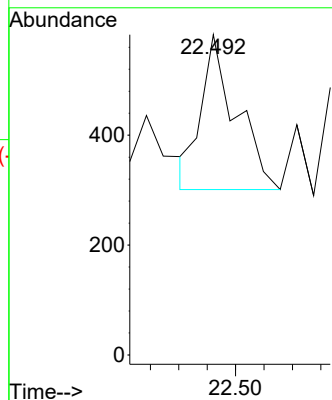
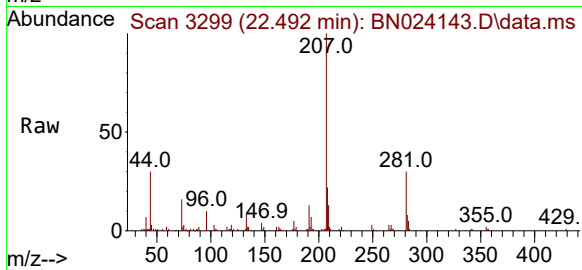
Instrument :

BNA_N

ClientSampleId :

SBLK982

Tgt Ion:149 Resp: 239



#90

Benzo(b)fluoranthene

Concen: 0.005 ng/ul

RT: 23.363 min Scan# 3447

Delta R.T. -0.018 min

Lab File: BN024143.D

Acq: 07 Mar 2023 13:50

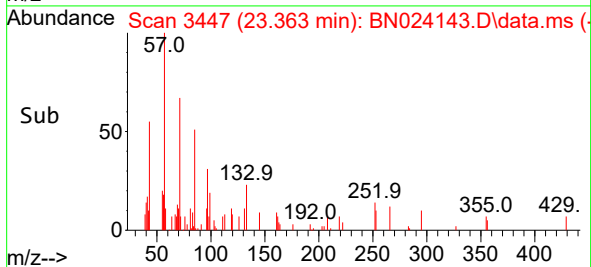
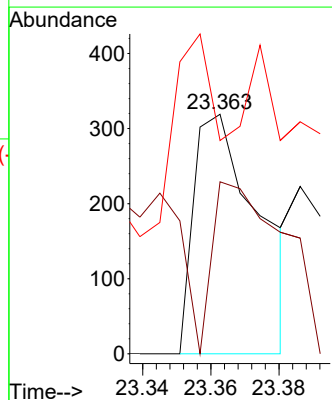
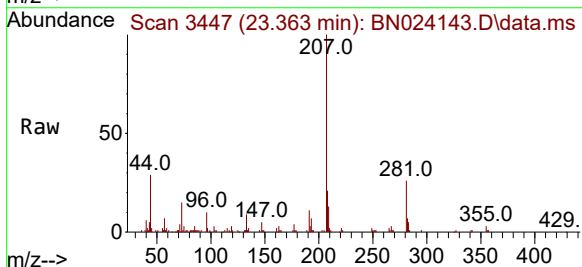
Tgt Ion:252 Resp: 419

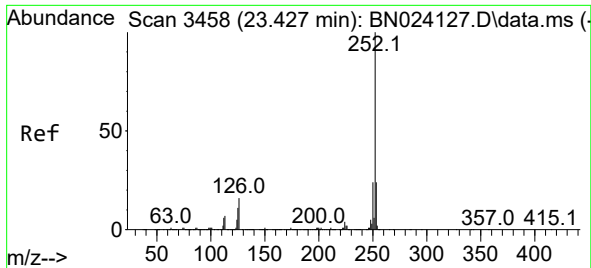
Ion Ratio Lower Upper

252 100

253 71.8 18.3 27.5#

125 89.0 9.5 14.3#

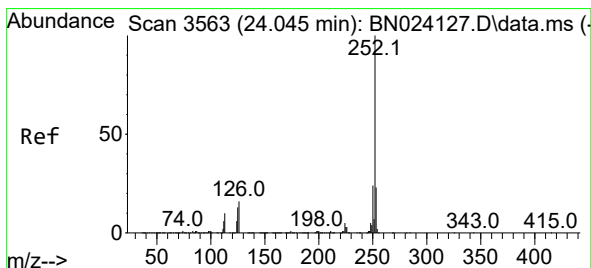
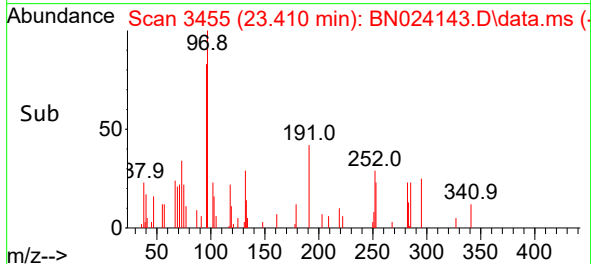
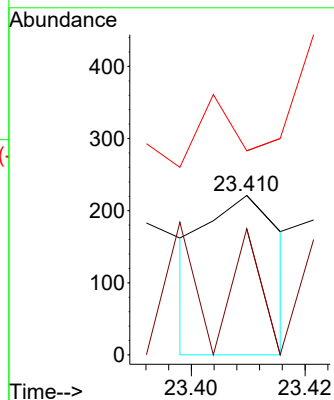
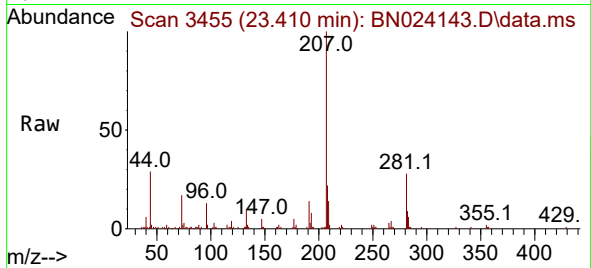




#91
Benzo(k)fluoranthene
Concen: 0.003 ng/u1
RT: 23.410 min Scan# 3458
Delta R.T. -0.018 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

Instrument :
BNA_N
ClientSampleId :
SBLK982

Tgt Ion:252 Resp: 204
Ion Ratio Lower Upper
252 100
253 79.2 17.4 26.0#
125 128.1 9.0 13.6#



#93
Benzo(a)pyrene
Concen: 0.002 ng/u1
RT: 24.045 min Scan# 3563
Delta R.T. 0.000 min
Lab File: BN024143.D
Acq: 07 Mar 2023 13:50

Tgt Ion:252 Resp: 147
Ion Ratio Lower Upper
252 100
253 0.0 17.0 25.4#
125 148.1 9.5 14.3#

