

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010521\
 Data File : BN013334.D
 Acq On : 05 Jan 2021 22:09
 Operator : CG/JU
 Sample : SP5410
 Misc : SFAM SURROGATES
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5410

Quant Time: Jan 06 01:48:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 06 01:45:17 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	268119	20.00	ng/ul	0.00
20) Naphthalene-d8	10.37	136	1096828	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.24	164	666809	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.99	188	1378459	20.00	ng/ul	0.00
79) Chrysene-d12	21.19	240	1353175	20.00	ng/ul	0.00
88) Perylene-d12	23.37	264	1371114	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	104458	14.85	ng/uL	0.00
4) Pyridine-d5	3.59	84	1392884	79.32	ng/ul	0.00
7) Phenol-d5	6.79	99	1725503	76.63	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.96	67	962326	76.74	ng/ul	0.00
11) 2-Chlorophenol-d4	7.15	132	1506694	76.82	ng/ul	0.00
15) 4-Methylphenol-d8	8.31	113	1401220	77.04	ng/ul	0.00
21) Nitrobenzene-d5	8.75	128	707720	81.01	ng/ul	0.00
24) 2-Nitrophenol-d4	9.46	143	780379	86.65	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.00	165	1377263	77.41	ng/ul	0.00
31) 4-Chloroaniline-d4	10.51	131	1994692	81.94	ng/ul	0.00
46) Dimethylphthalate-d6	13.66	166	4031597	78.18	ng/ul	0.00
49) Acenaphthylene-d8	13.93	160	5209742	81.88	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	734307	77.95	ng/ul	0.00
60) Fluorene-d10	15.24	176	3399393	76.20	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	540489	79.66	ng/ul	0.00
73) Anthracene-d10	17.09	188	5176129	77.31	ng/ul	0.00
81) Pyrene-d10	19.39	212	5603010	76.87	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.24	264	5979777	83.52	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.25	88	469	0.067 ng/uL#	1
5) Pyridine	3.61	79	4966	0.281 ng/ul#	1
6) Benzaldehyde	6.75	77	385	0.046 ng/ul#	1
8) Phenol	6.80	94	240	0.011 ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.15	93	2205	0.122 ng/ul#	1
14) 2,2'-oxybis(1-Chloropropan	8.15	45	198	0.008 ng/ul#	23
16) Acetophenone	8.43	105	230	0.009 ng/ul#	1
17) N-Nitroso-di-n-propylamine	8.31	70	31707	2.394 ng/ul#	1
22) Nitrobenzene	8.79	77	281	0.014 ng/ul#	35
23) Isophorone	9.26	82	261	0.007 ng/ul#	65
30) Naphthalene	10.51	128	2497	0.041 ng/ul#	1
32) 4-Chloroaniline	10.53	127	4349	0.188 ng/ul#	53
44) 2-Chloronaphthalene	13.02	162	662	0.016 ng/ul#	1
47) Dimethylphthalate	13.71	163	270	0.005 ng/ul#	77
48) 2,6-Dinitrotoluene	13.67	165	16019	1.596 ng/ul#	49
50) Acenaphthylene	13.96	152	599	0.009 ng/ul#	61
55) 4-Nitrophenol	14.46	109	119	0.017 ng/ul#	1
56) Dibenzofuran	14.63	168	531	0.009 ng/ul#	38
59) Diethylphthalate	15.09	149	1663	0.031 ng/ul#	59
61) Fluorene	15.24	166	8467	0.168 ng/ul#	12
63) 4-Nitroaniline	15.35	138	3482	0.400 ng/ul#	1
66) 4,6-Dinitro-2-methylphenol	15.35	198	1987	0.263 ng/ul#	1

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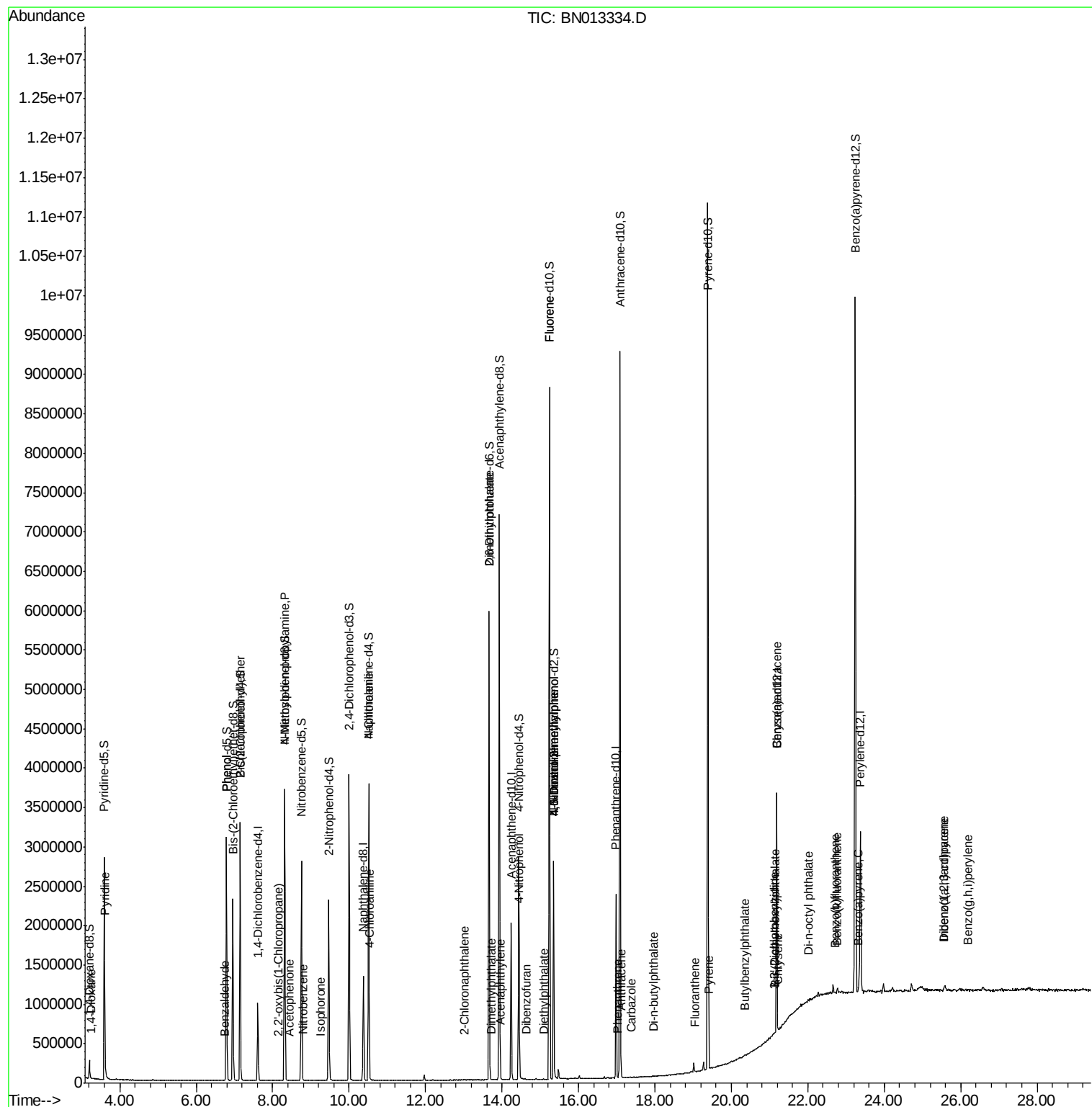
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) N-Nitrosodiphenylamine	15.36	169	5520	0.127	ng/ul#	40
72) Phenanthrene	17.03	178	3071	0.038	ng/ul#	87
74) Anthracene	17.12	178	2449	0.030	ng/ul#	94
77) Carbazole	17.39	167	1765	0.027	ng/ul#	59
78) Di-n-butylphthalate	17.98	149	3301	0.037	ng/ul#	79
80) Fluoranthene	19.05	202	3804	0.041	ng/ul#	93
82) Pyrene	19.42	202	3126	0.033	ng/ul#	78
83) Butylbenzylphthalate	20.35	149	780	0.019	ng/ul#	69
84) 3,3'-Dichlorobenzidine	21.11	252	2960	0.116	ng/ul#	78
85) Benzo(a)anthracene	21.19	228	6229	0.070	ng/ul#	82
86) Bis(2-ethylhexyl)phthalate	21.13	149	1229	0.020	ng/ul#	53
87) Chrysene	21.22	228	1836	0.021	ng/ul#	79
89) Di-n-octyl phthalate	22.01	149	1908	0.022	ng/ul	100
90) Benzo(b)fluoranthene	22.72	252	1381	0.016	ng/ul#	1
91) Benzo(k)fluoranthene	22.76	252	1071	0.013	ng/ul#	1
93) Benzo(a)pyrene	23.32	252	563	0.007	ng/ul#	1
94) Indeno(1,2,3-cd)pyrene	25.56	276	693	0.007	ng/ul#	55
95) Dibenzo(a,h)anthracene	25.55	278	2094	0.025	ng/ul#	21
96) Benzo(g,h,i)perylene	26.19	276	1544	0.018	ng/ul#	36

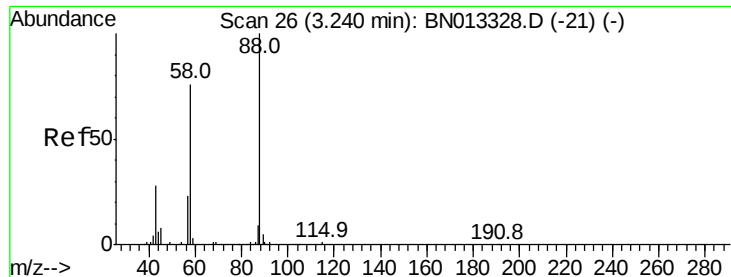
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.067 ng/uL

RT: 3.25 min Scan# 28

Delta R.T. 0.01 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

Instrument :

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ClientSampleId :

SP5410

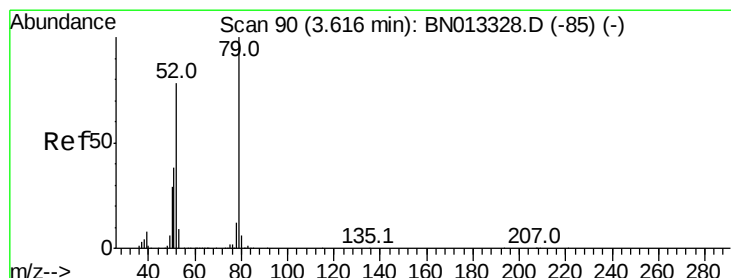
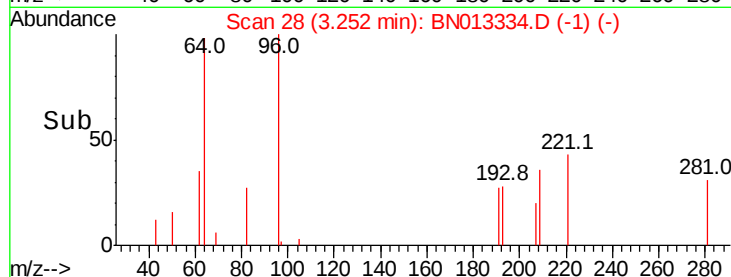
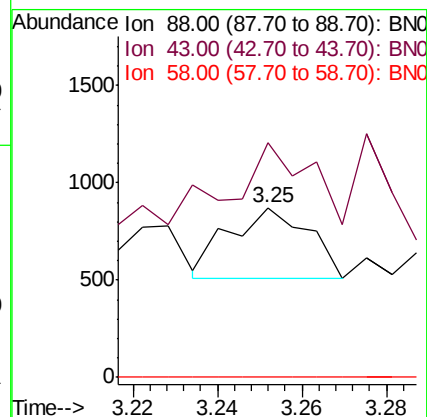
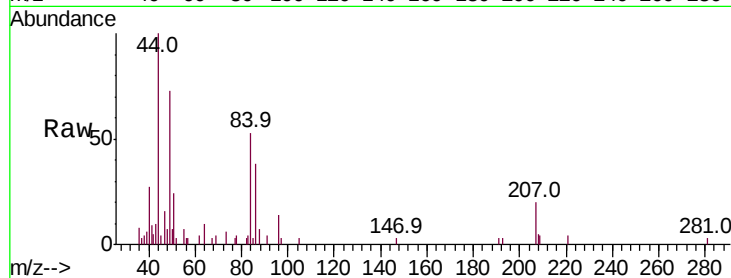
Tot Ion: 88 Resp: 469

Ion Ratio Lower Upper

88 100

43 138.1 25.2 37.8#

58 0.0 60.2 90.4#



#5

Pyridine

Concen: 0.281 ng/uL

RT: 3.61 min Scan# 89

Delta R.T. -0.01 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

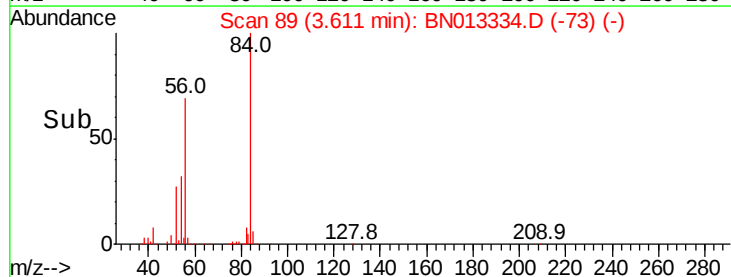
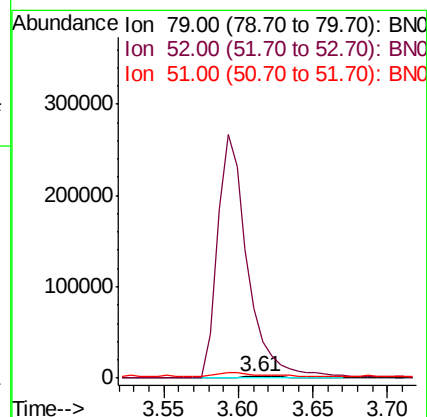
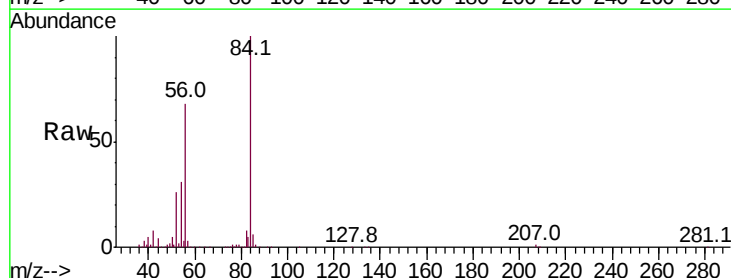
Tgt Ion: 79 Resp: 4966

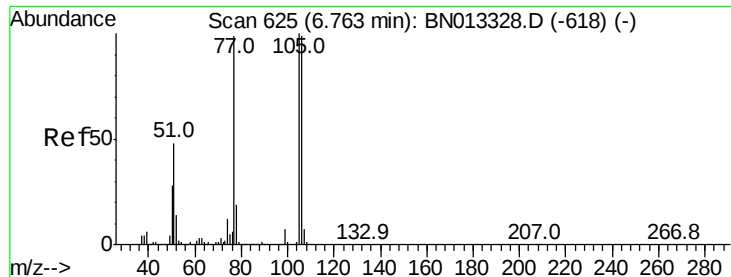
Ion Ratio Lower Upper

79 100

52 4264.4 68.2 102.4#

51 205.9 31.0 46.4#





#6

Benzaldehyde

Concen: 0.046 ng/ul

RT: 6.75 min Scan# 622

Delta R.T. -0.02 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

Instrument :

BNA_N

ClientSampled :

SP5410

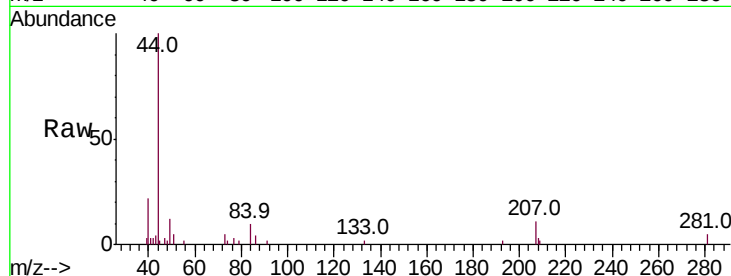
Tot Ion: 77 Resp: 385

Ion Ratio Lower Upper

77 100

105 0.0 81.0 121.4#

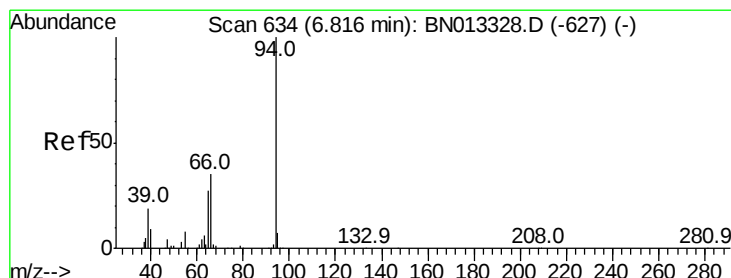
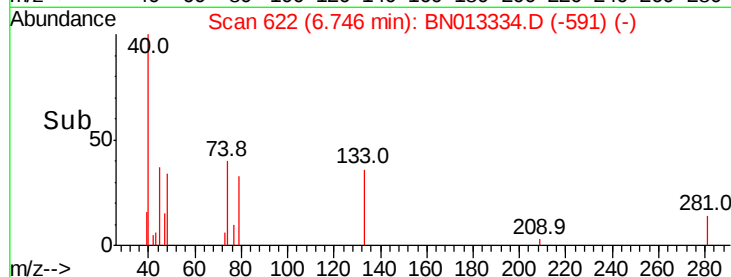
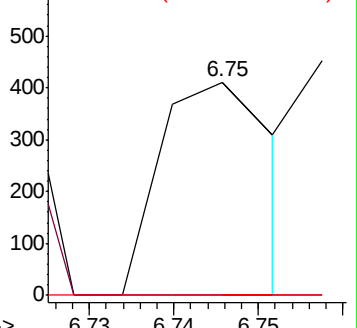
106 0.0 79.5 119.3#



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#8

Phenol

Concen: 0.011 ng/ul

RT: 6.80 min Scan# 631

Delta R.T. -0.02 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

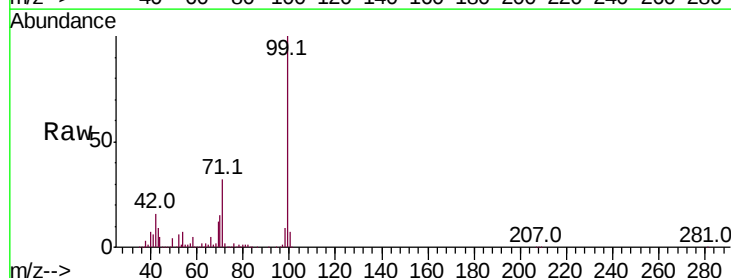
Tgt Ion: 94 Resp: 240

Ion Ratio Lower Upper

94 100

65 2418.0 21.7 32.5#

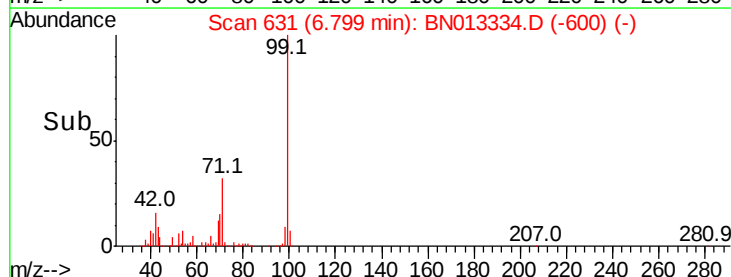
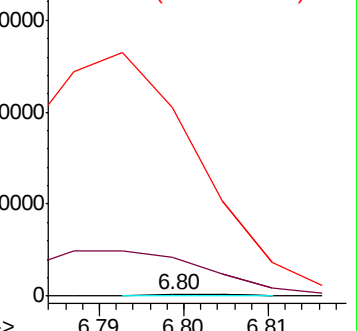
66 11944.2 29.0 43.6#

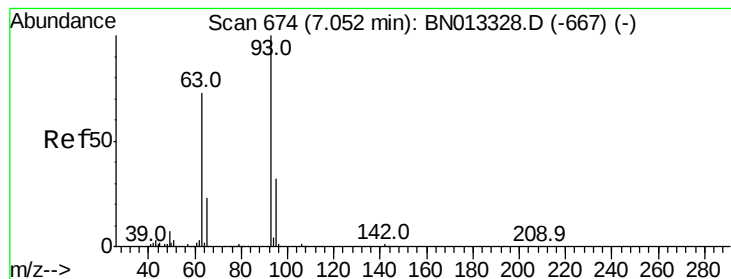


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#10

Bis(2-Chloroethyl)ether

Concen: 0.122 ng/ul

RT: 7.15 min Scan# 691

Delta R.T. 0.10 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

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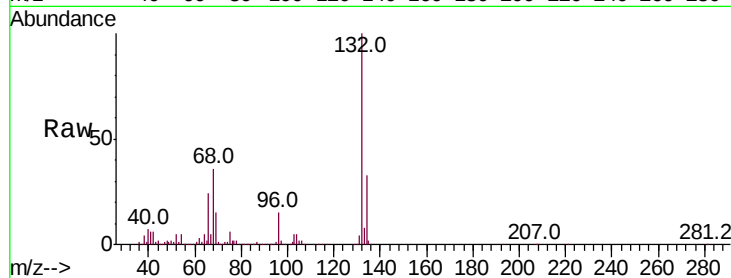
Tot Ion: 93 Resp: 2205

Ion Ratio Lower Upper

93 100

63 763.8 58.5 87.7#

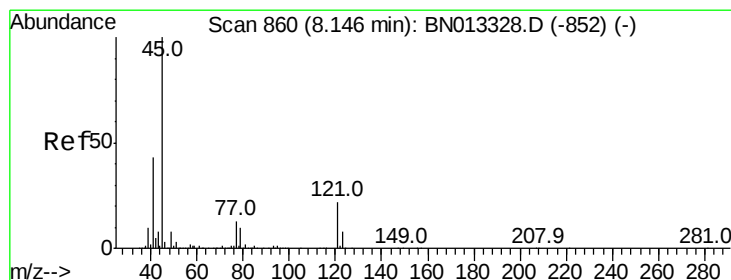
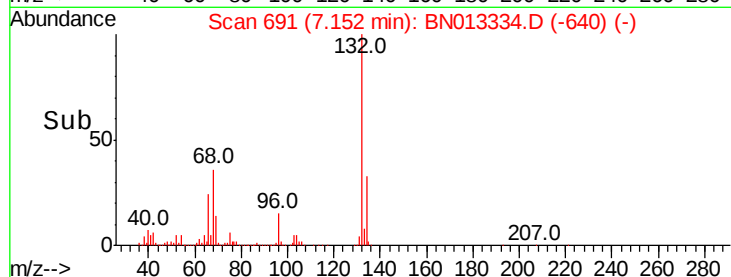
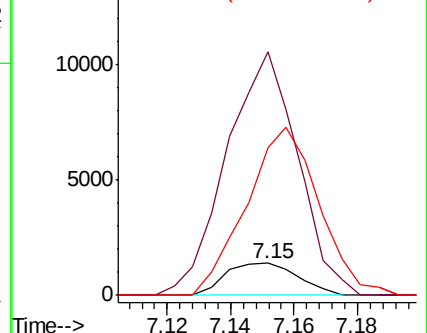
95 461.7 25.3 37.9#



Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 63.00 (62.70 to 63.70): BNC

Ion 95.00 (94.70 to 95.70): BNC



#14

2,2'-oxybis(1-Chloropropane)

Concen: 0.008 ng/ul

RT: 8.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

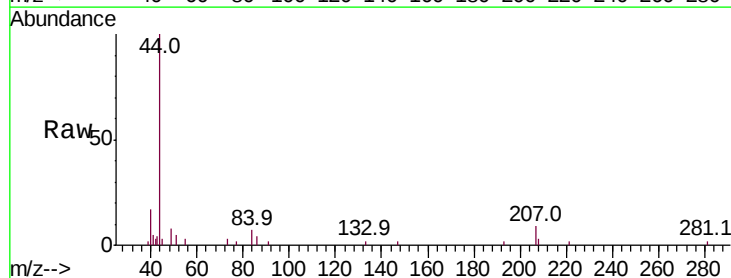
Tgt Ion: 45 Resp: 198

Ion Ratio Lower Upper

45 100

77 58.7 10.2 15.2#

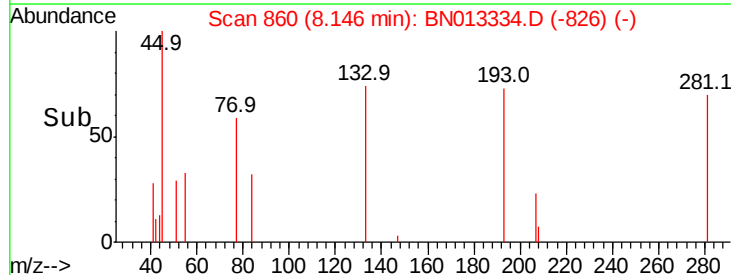
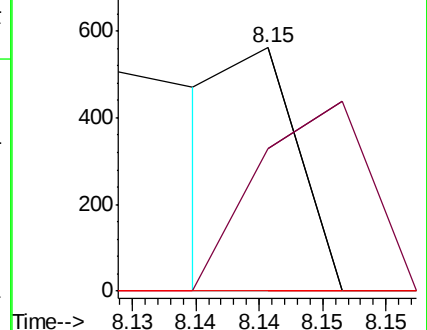
79 0.0 8.0 12.0#

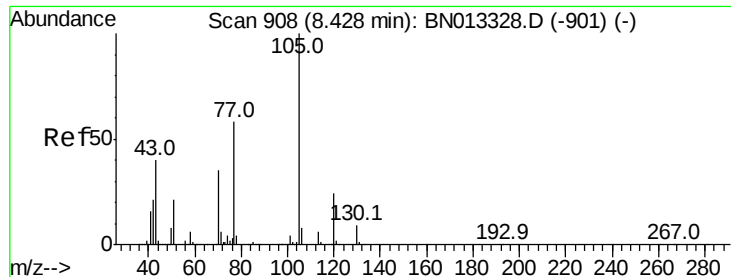


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC





#16

Acetophenone

Concen: 0.009 ng/ul

RT: 8.43 min Scan# 909

Delta R.T. 0.01 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

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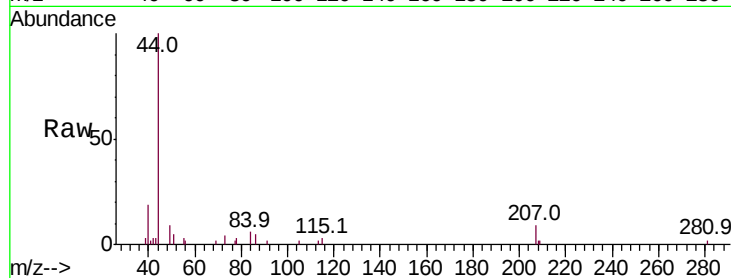
Tot Ion:105 Resp: 230

Ion Ratio Lower Upper

105 100

77 101.2 57.9 86.9#

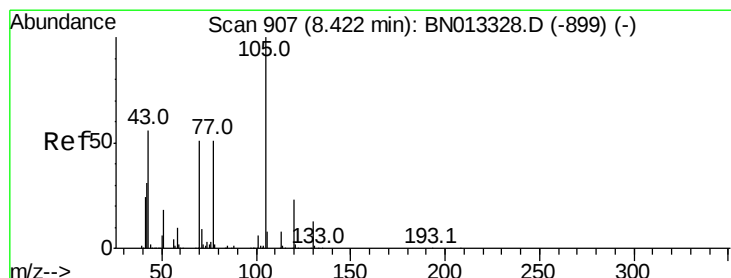
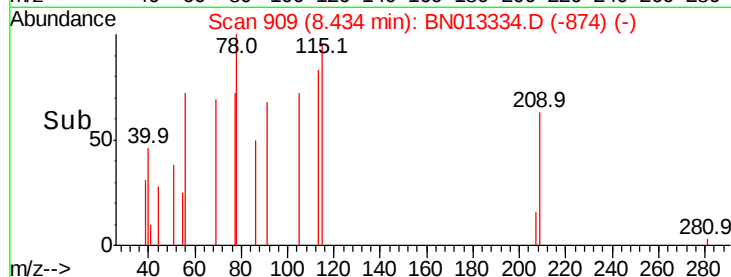
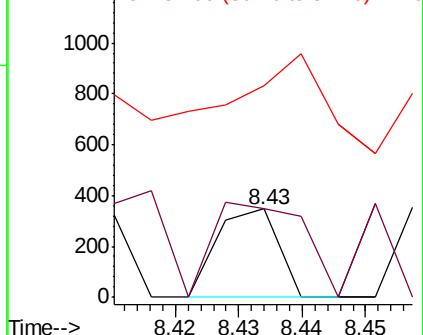
51 239.5 21.2 31.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#17

N-Nitroso-di-n-propylamine

Concen: 2.394 ng/ul

RT: 8.31 min Scan# 888

Delta R.T. -0.11 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

Tgt Ion: 70 Resp: 31707

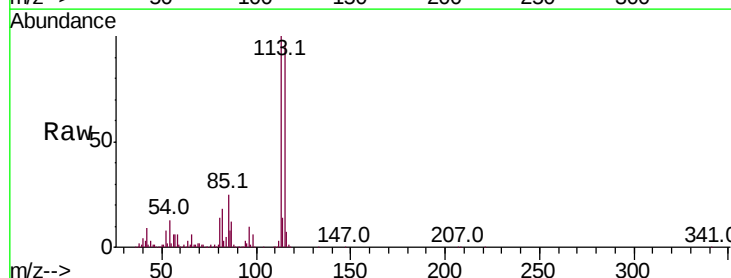
Ion Ratio Lower Upper

70 100

42 373.1 49.2 73.8#

101 0.0 8.8 13.2#

130 0.0 19.8 29.8#

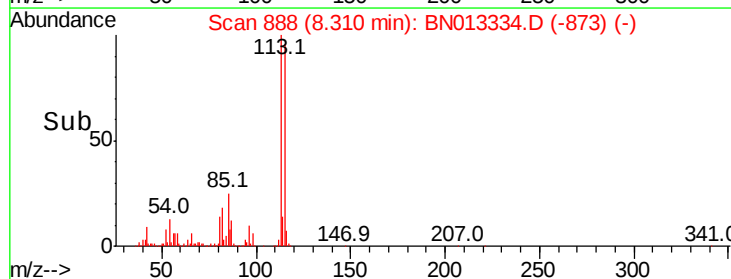
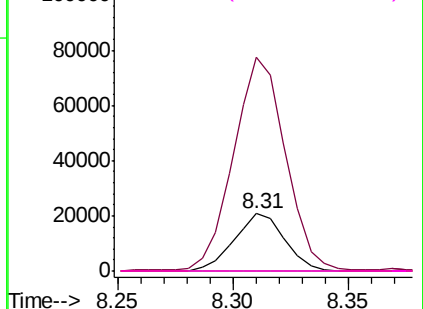


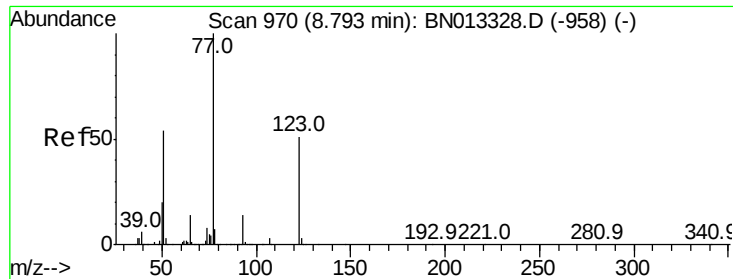
Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

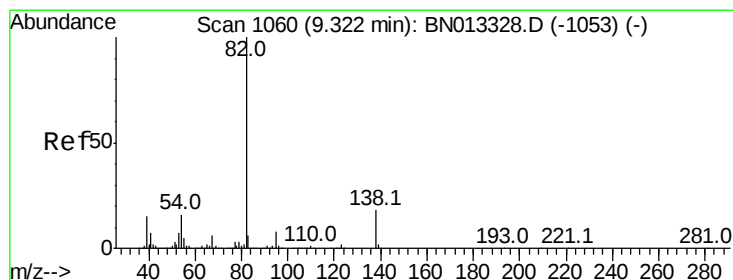
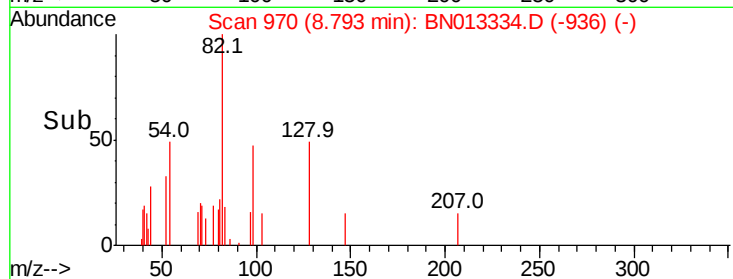
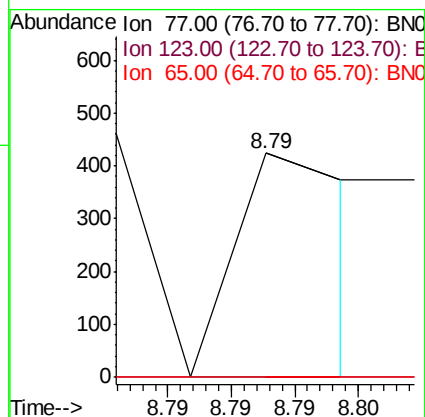
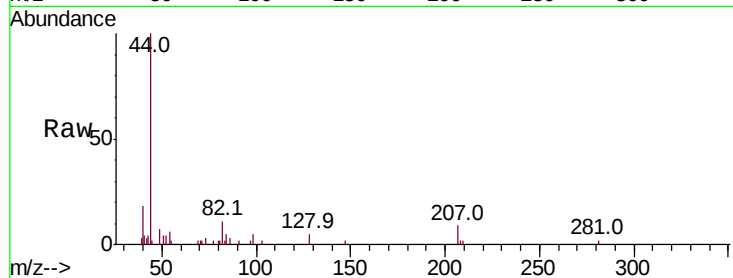




#22
 Nitrobenzene
 Concen: 0.014 ng/ul
 RT: 8.79 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BN013334.D
 Acq: 05 Jan 2021 22:09

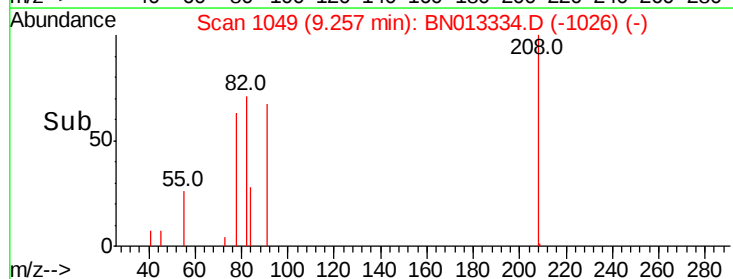
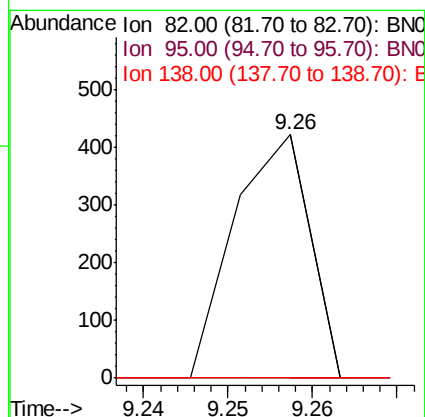
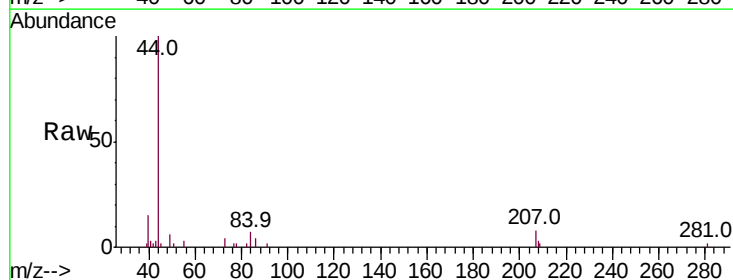
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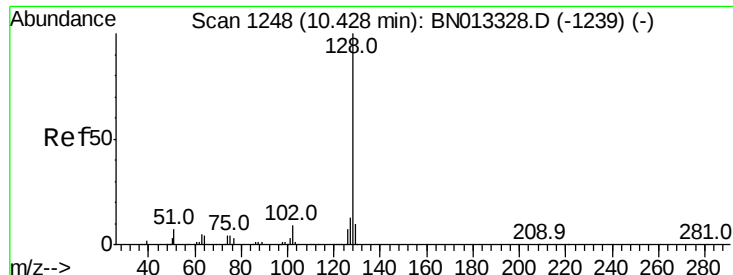
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.6	60.8#
65	0.0	11.0	16.4#



#23
 Isophorone
 Concen: 0.007 ng/ul
 RT: 9.26 min Scan# 1049
 Delta R.T. -0.06 min
 Lab File: BN013334.D
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Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	14.6	22.0#





#30

Naphthalene

Concen: 0.041 ng/ul

RT: 10.51 min Scan# 1262

Delta R.T. 0.08 min

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SP5410

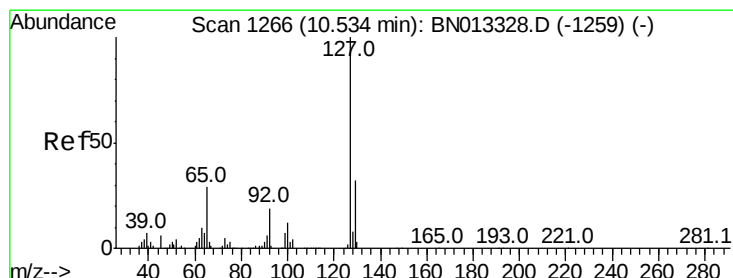
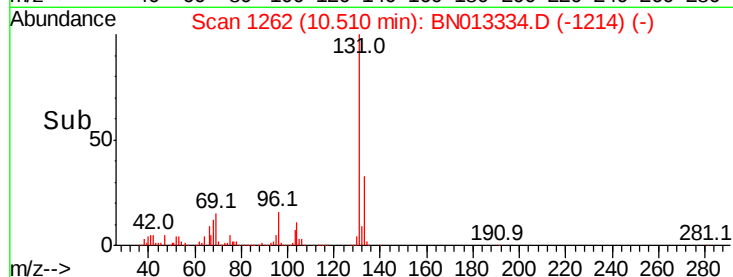
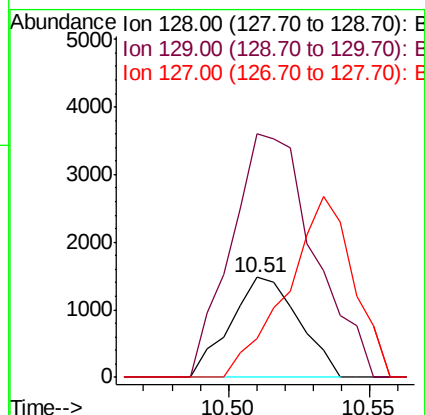
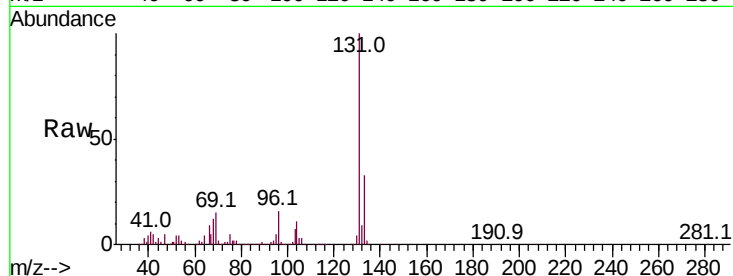
Tot Ion:128 Resp: 2497

Ion Ratio Lower Upper

128 100

129 244.4 8.3 12.5#

127 38.9 10.2 15.4#



#32

4-Chloroaniline

Concen: 0.188 ng/ul

RT: 10.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BN013334.D

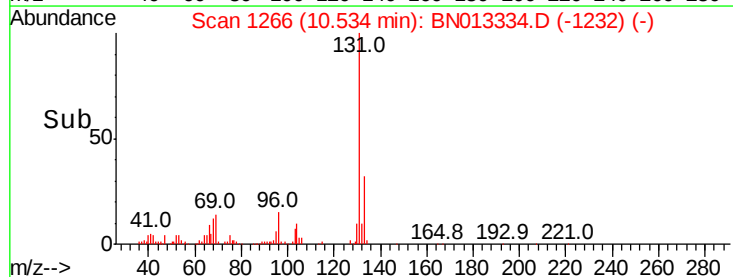
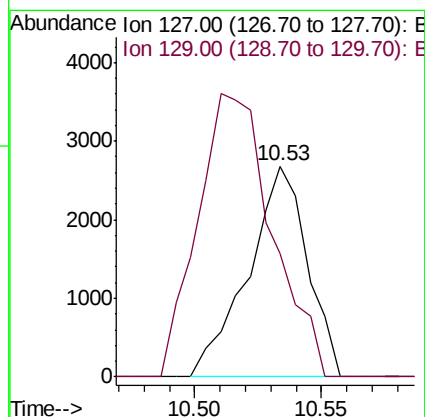
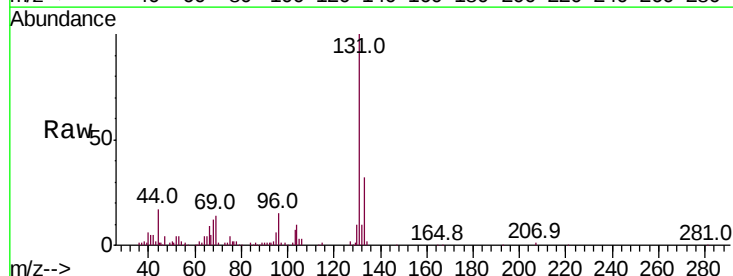
Acq: 05 Jan 2021 22:09

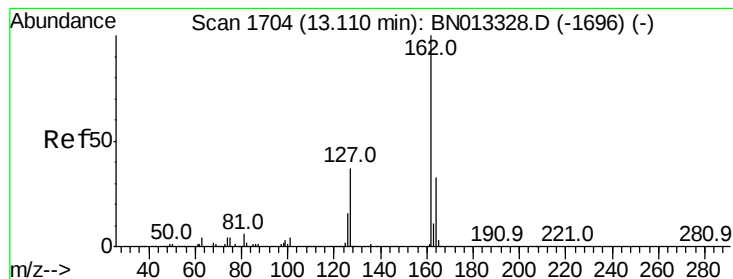
Tgt Ion:127 Resp: 4349

Ion Ratio Lower Upper

127 100

129 58.8 25.9 38.9#





#44

2-Chloronaphthalene

Concen: 0.016 ng/ul

RT: 13.02 min Scan# 1689

Delta R.T. -0.09 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

Instrument :

BNA_N

ClientSampleId :

SP5410

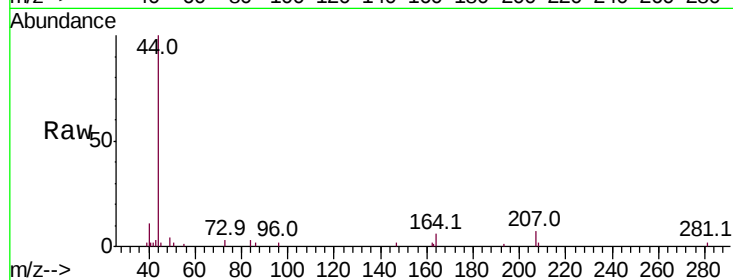
Tot Ion:162 Resp: 662

Ion Ratio Lower Upper

162 100

164 292.8 26.3 39.5#

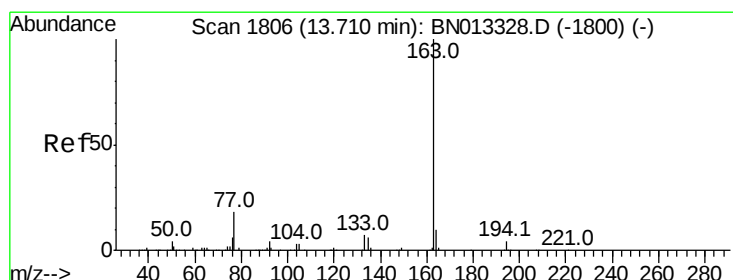
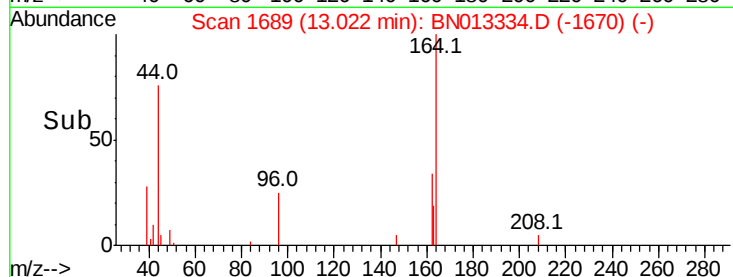
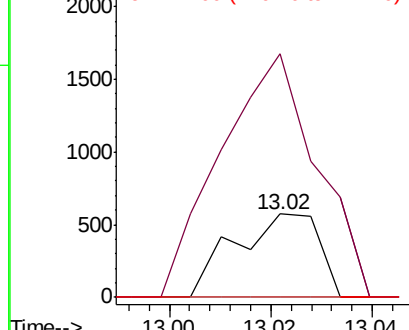
127 0.0 31.4 47.2#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#47

Dimethylphthalate

Concen: 0.005 ng/ul

RT: 13.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

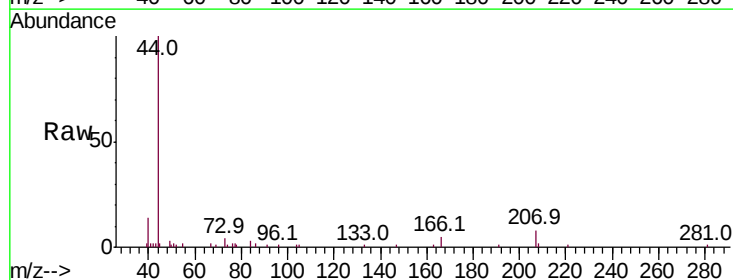
Tgt Ion:163 Resp: 270

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

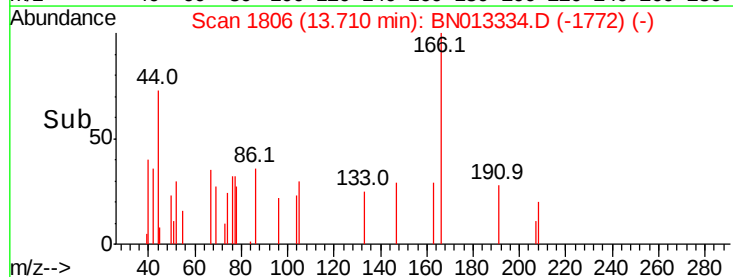
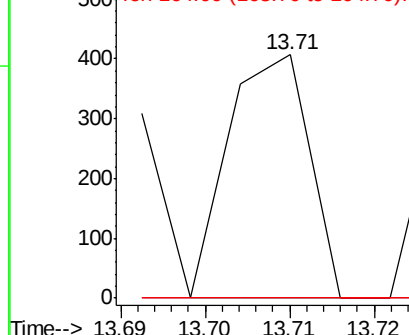
164 0.0 8.2 12.4#

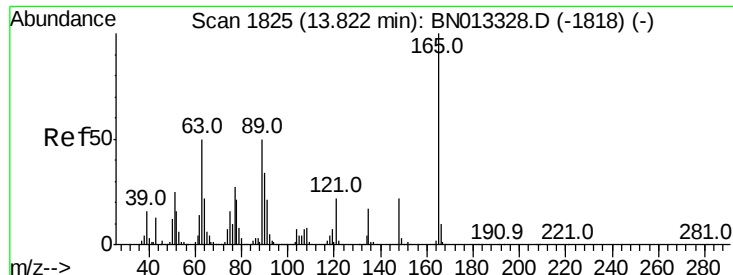


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

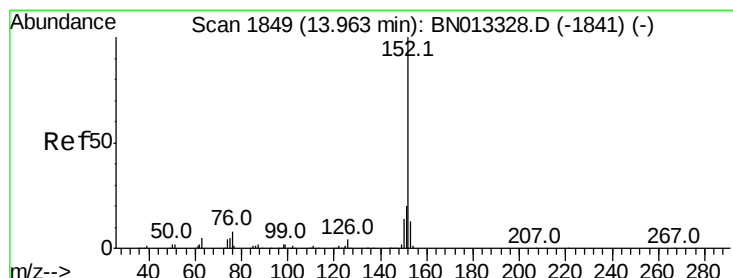
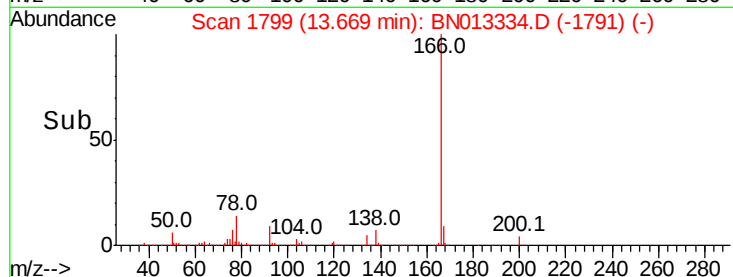
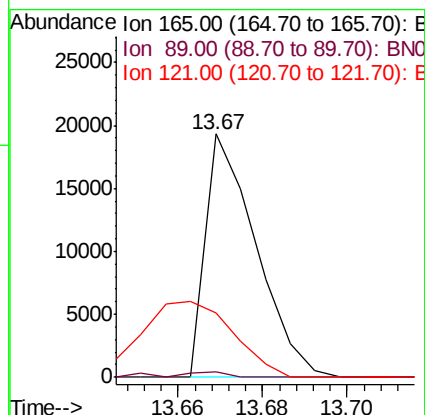
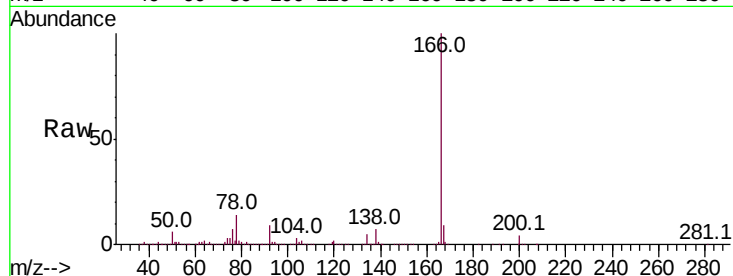




#48
 2,6-Dinitrotoluene
 Concen: 1.596 ng/ul
 RT: 13.67 min Scan# 1799
 Delta R.T. -0.15 min
 Lab File: BN013334.D
 Acq: 05 Jan 2021 22:09

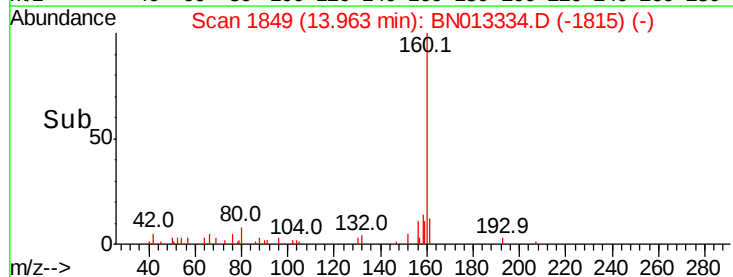
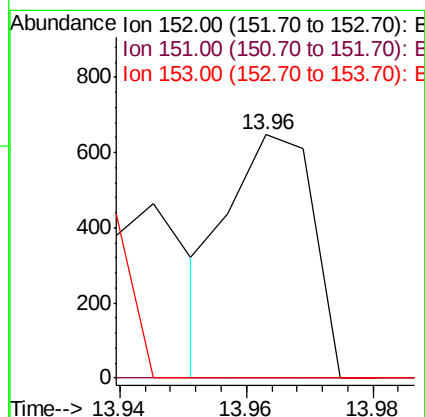
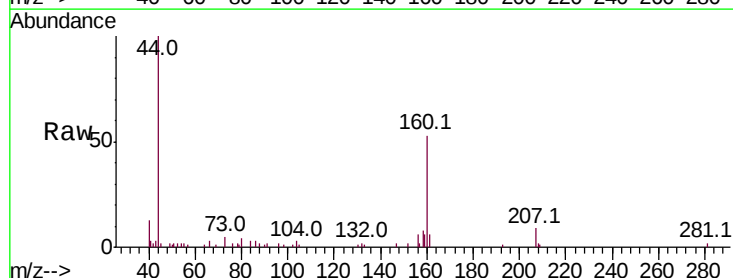
Instrument :
 BNA_N
 ClientSampleId :
 SP5410

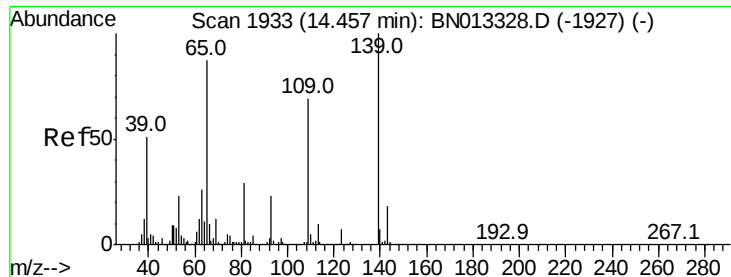
Tot Ion	Ratio	Lower	Upper
165	100		
89	2.2	39.8	59.8#
121	26.4	17.7	26.5



#50
 Acenaphthylene
 Concen: 0.009 ng/ul
 RT: 13.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BN013334.D
 Acq: 05 Jan 2021 22:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.8	23.8#
153	0.0	10.2	15.2#

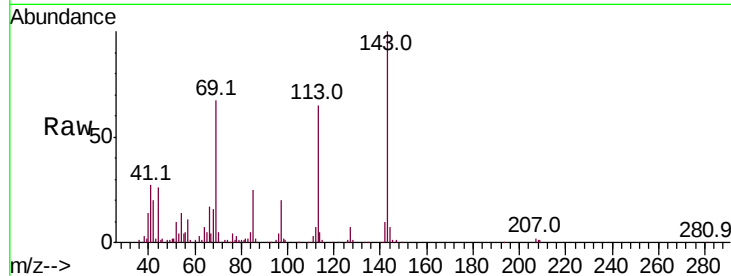




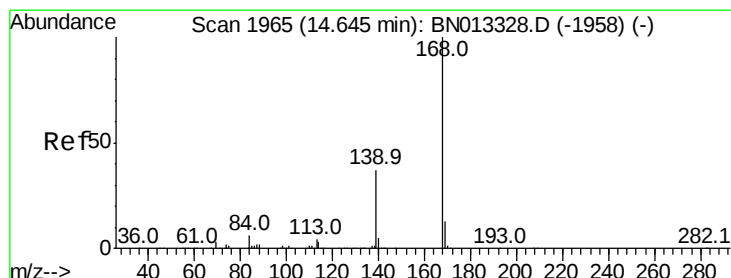
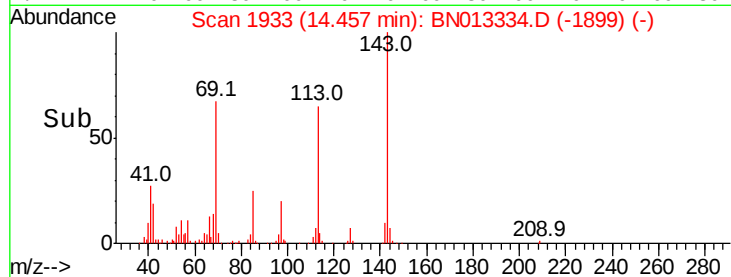
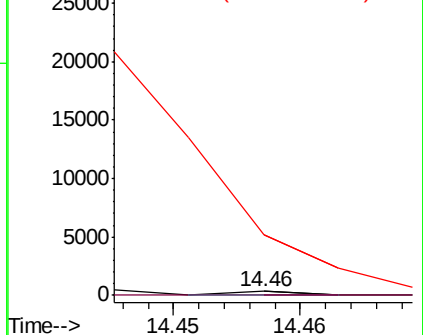
#55
4-Nitrophenol
Concen: 0.017 ng/ul
RT: 14.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN013334.D
Acq: 05 Jan 2021 22:09

Instrument :
BNA_N
ClientSampleId :
SP5410

Tot Ion:109 Resp: 119
Ion Ratio Lower Upper
109 100
139 0.0 116.4 174.6#
65 1544.2 101.4 152.2#

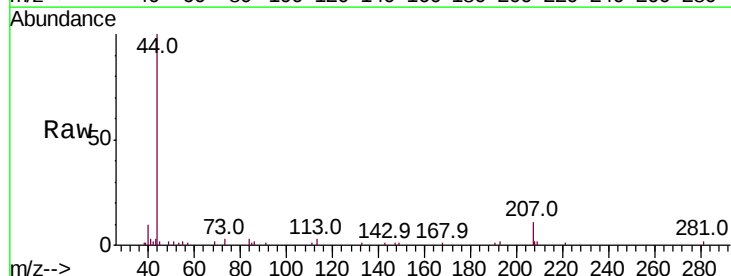


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNO

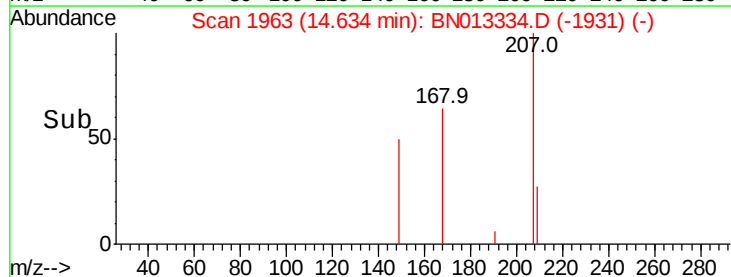
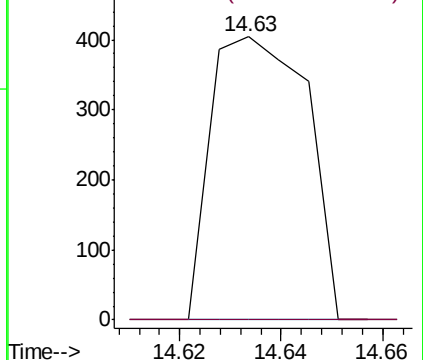


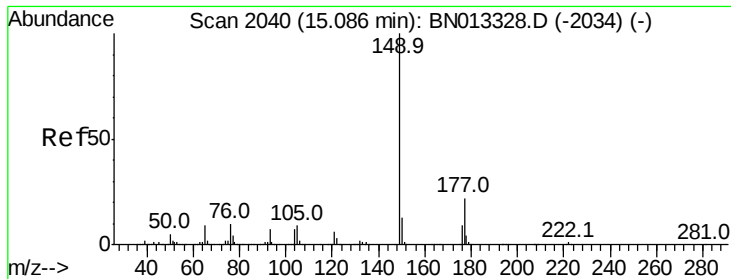
#56
Dibenzofuran
Concen: 0.009 ng/ul
RT: 14.63 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN013334.D
Acq: 05 Jan 2021 22:09

Tgt Ion:168 Resp: 531
Ion Ratio Lower Upper
168 100
139 0.0 29.6 44.4#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

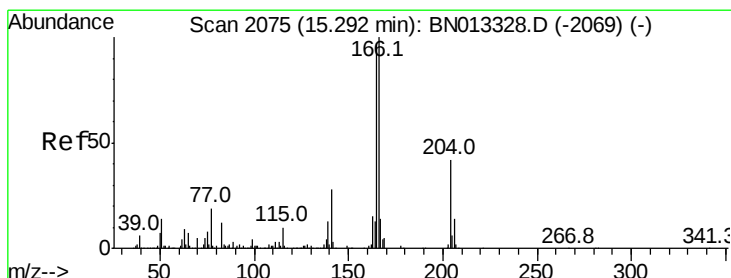
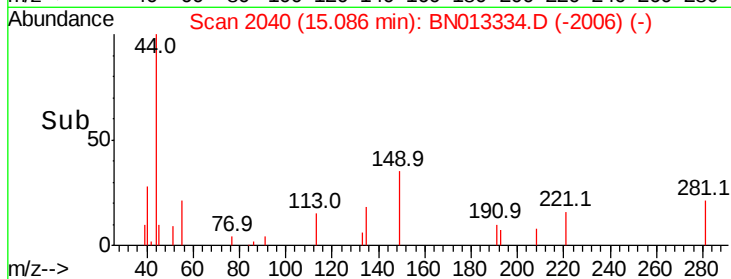
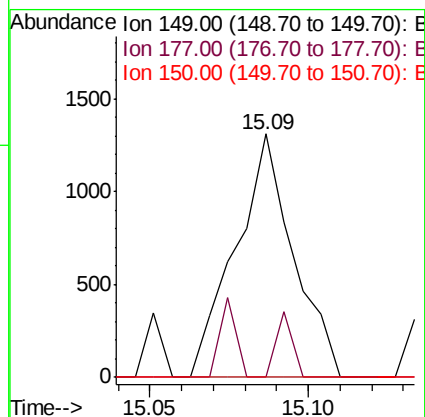
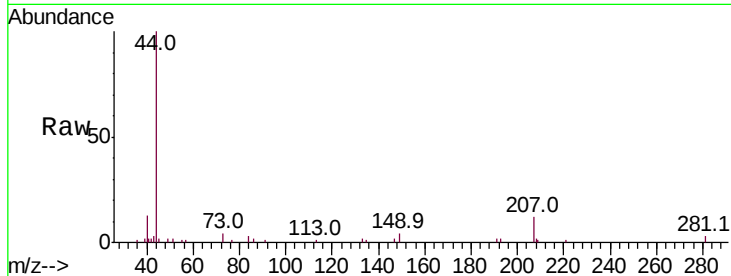




#59
Diethylphthalate
Concen: 0.031 ng/ul
RT: 15.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BN013334.D
Acq: 05 Jan 2021 22:09

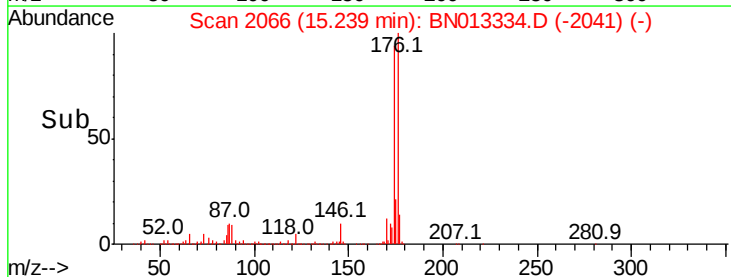
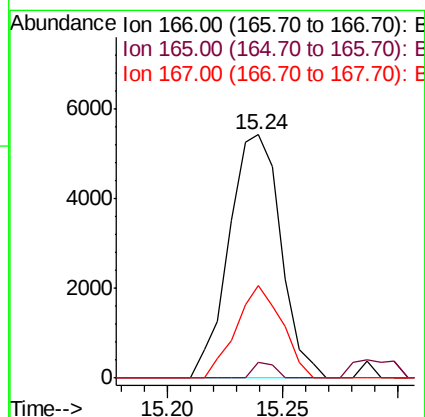
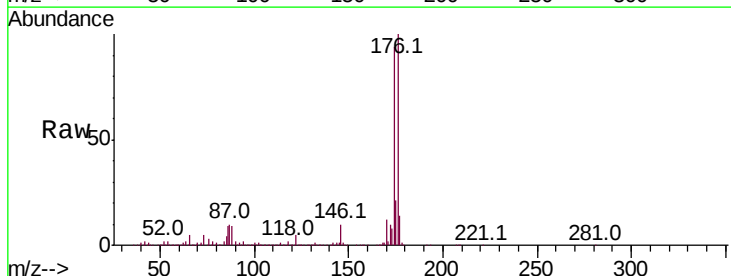
Instrument :
BNA_N
ClientSampleId :
SP5410

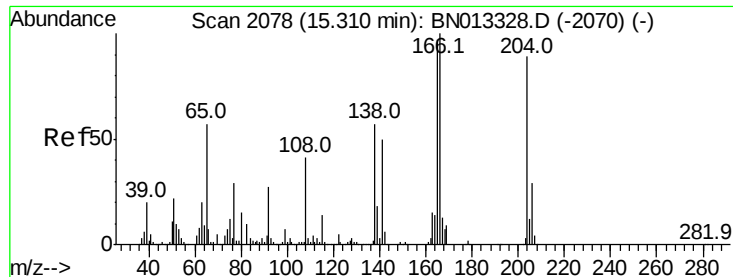
Tot Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.3	25.9#
150	0.0	10.1	15.1#



#61
Fluorene
Concen: 0.168 ng/ul
RT: 15.24 min Scan# 2066
Delta R.T. -0.05 min
Lab File: BN013334.D
Acq: 05 Jan 2021 22:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	6.5	77.9	116.9#
167	37.9	11.0	16.4#

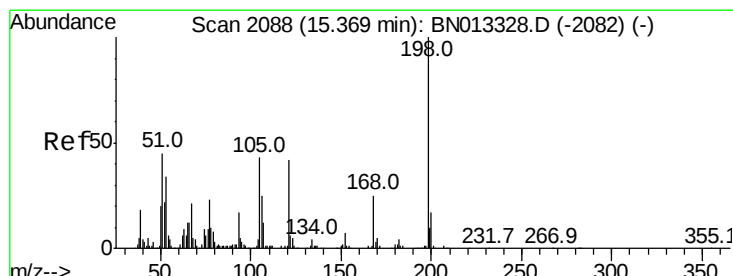
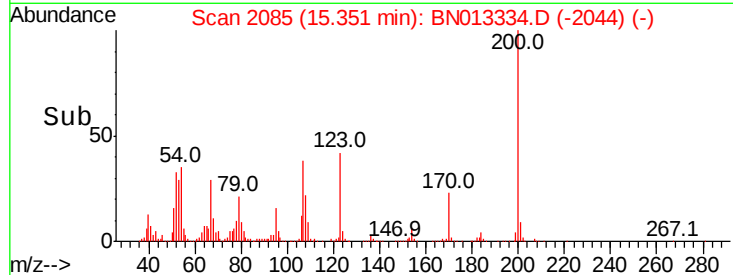
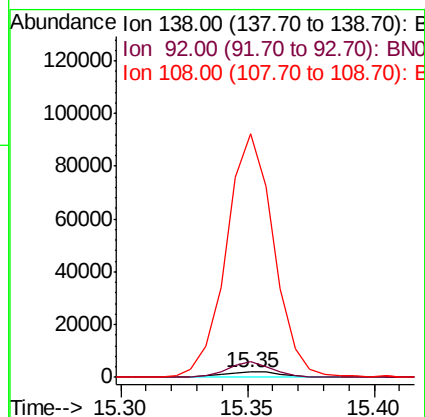
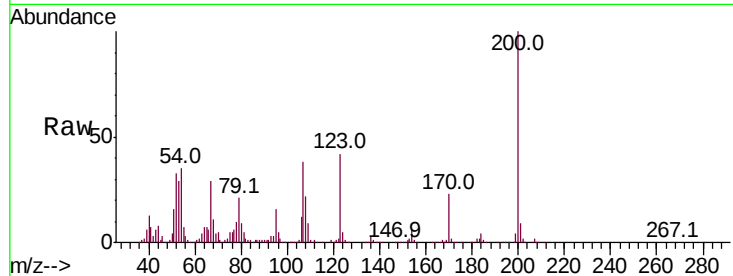




#63
4-Nitroaniline
Concen: 0.400 ng/ul
RT: 15.35 min Scan# 2085
Delta R.T. 0.04 min
Lab File: BN013334.D
Acq: 05 Jan 2021 22:09

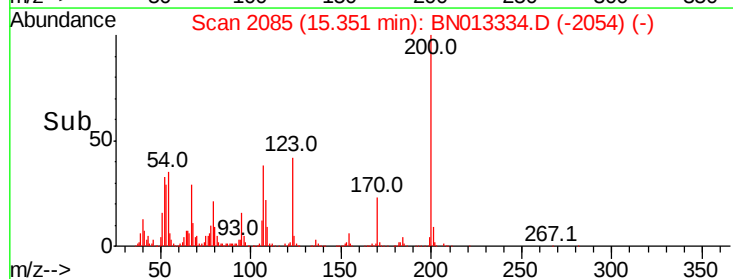
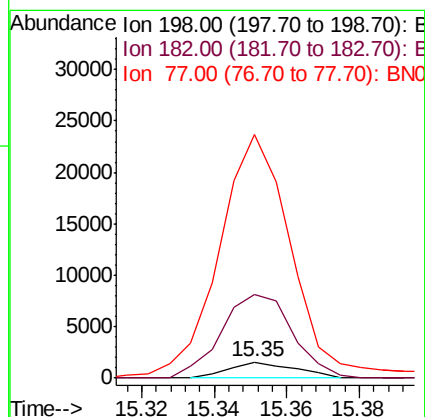
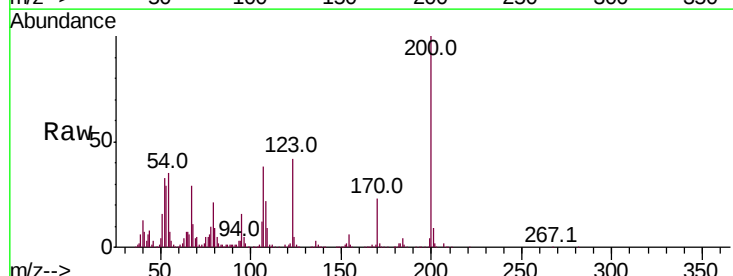
Instrument :
BNA_N
ClientSampleId :
SP5410

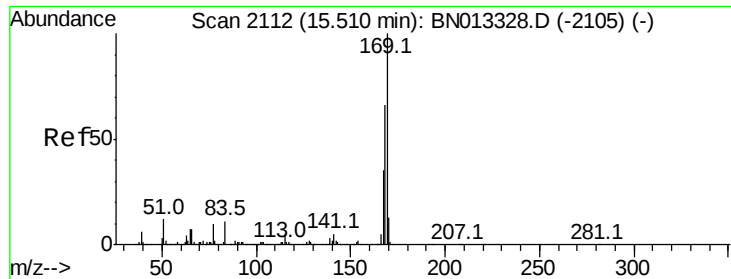
Tot Ion:138 Resp: 3482
Ion Ratio Lower Upper
138 100
92 284.1 38.2 57.2#
108 4484.4 57.9 86.9#



#66
4,6-Dinitro-2-methylphenol
Concen: 0.263 ng/ul
RT: 15.35 min Scan# 2085
Delta R.T. -0.02 min
Lab File: BN013334.D
Acq: 05 Jan 2021 22:09

Tgt Ion:198 Resp: 1987
Ion Ratio Lower Upper
198 100
182 510.8 3.4 5.2#
77 1489.7 19.0 28.4#

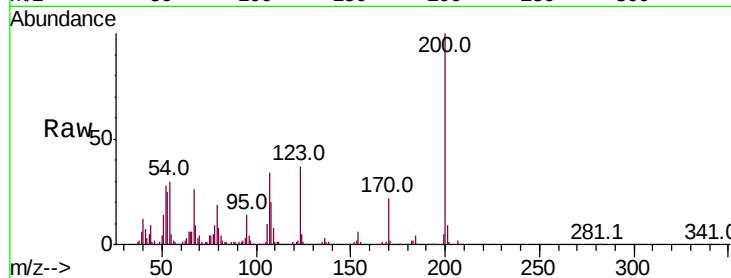




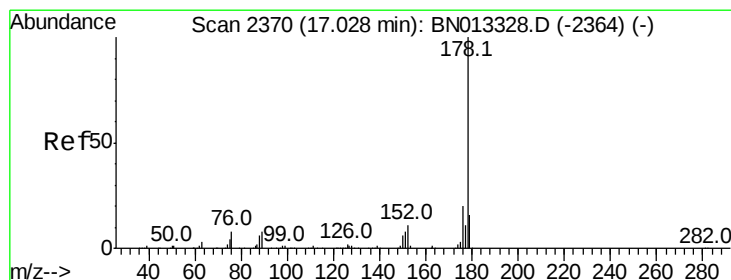
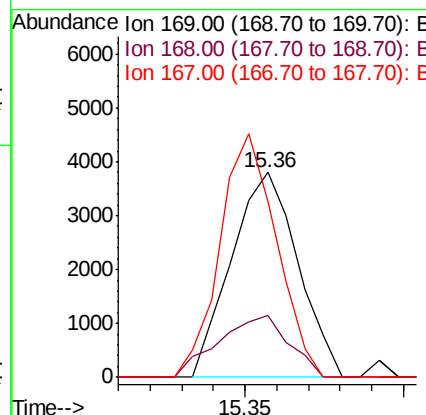
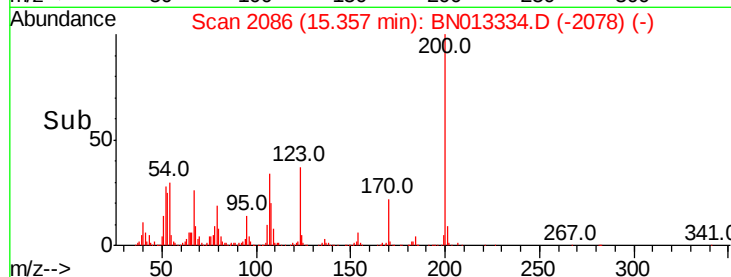
#67
N-Nitrosodiphenylamine
Concen: 0.127 ng/ul
RT: 15.36 min Scan# 2086
Delta R.T. -0.15 min
Lab File: BN013334.D
Acq: 05 Jan 2021 22:09

Instrument :
BNA_N
ClientSampleId :
SP5410

Tot Ion:169 Resp: 5520
Ion Ratio Lower Upper
169 100
168 30.0 53.1 79.7#
167 85.7 28.0 42.0#

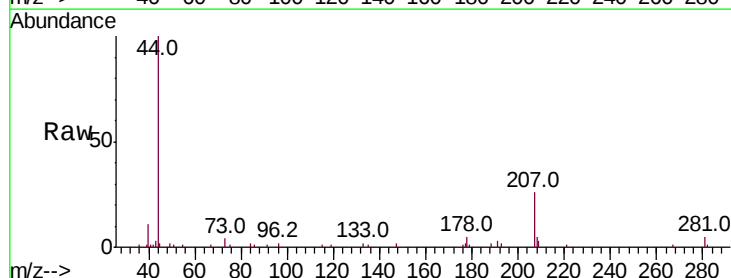


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

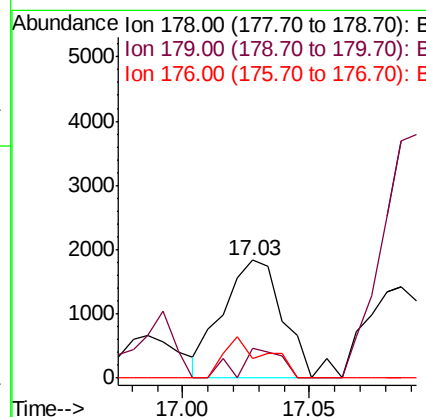
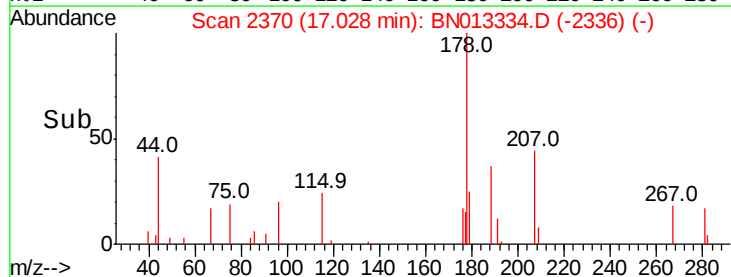


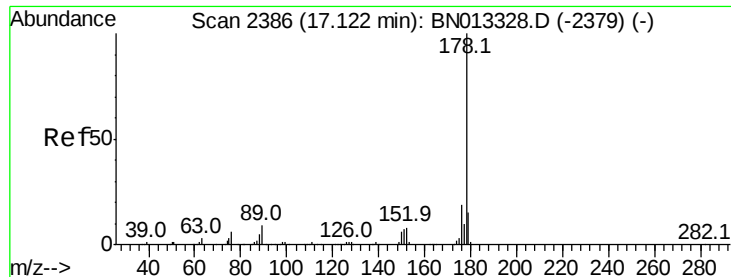
#72
Phenanthrene
Concen: 0.038 ng/ul
RT: 17.03 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BN013334.D
Acq: 05 Jan 2021 22:09

Tgt Ion:178 Resp: 3071
Ion Ratio Lower Upper
178 100
179 25.3 12.6 19.0#
176 17.2 15.6 23.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Anthracene

Concen: 0.030 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

Instrument :

BNA_N

ClientSampleId :

SP5410

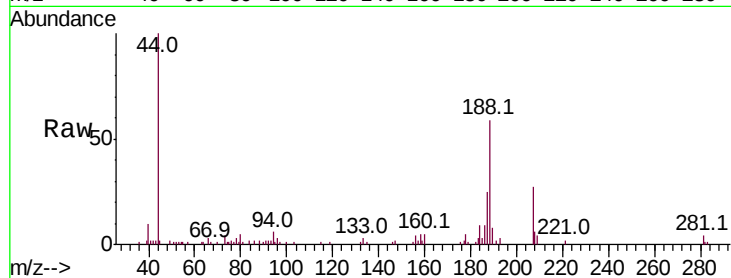
Tot Ion:178 Resp: 2449

Ion Ratio Lower Upper

178 100

179 20.0 12.4 18.6#

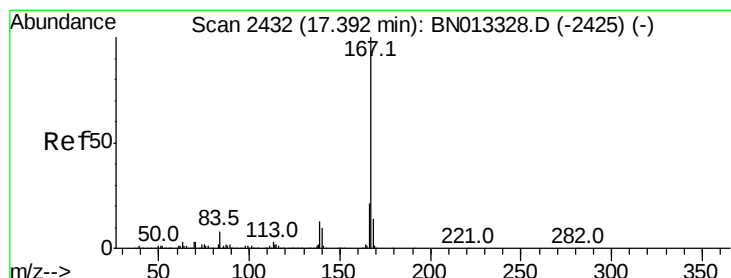
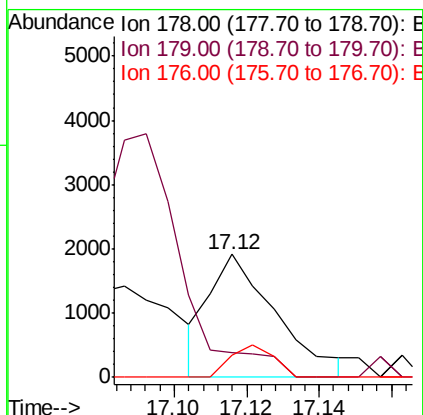
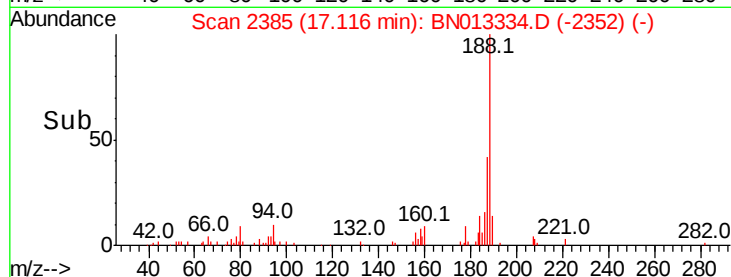
176 17.7 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Carbazole

Concen: 0.027 ng/ul

RT: 17.39 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

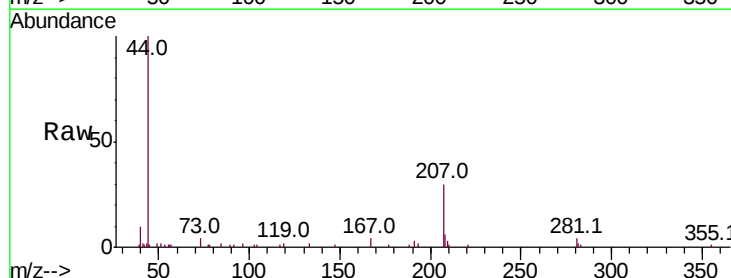
Tgt Ion:167 Resp: 1765

Ion Ratio Lower Upper

167 100

166 0.0 17.0 25.6#

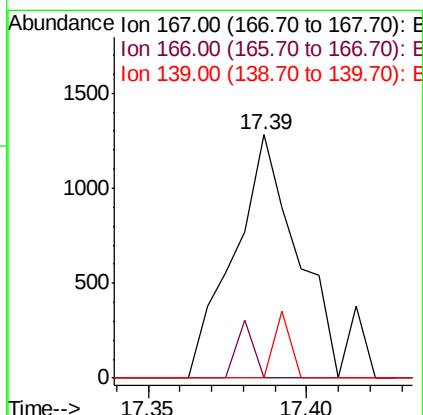
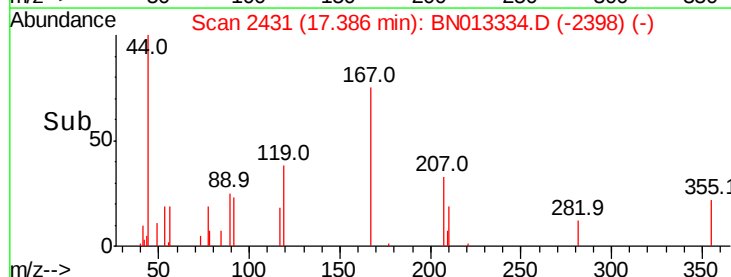
139 0.0 10.5 15.7#

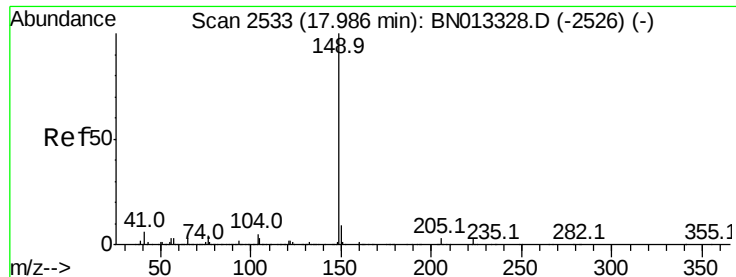


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

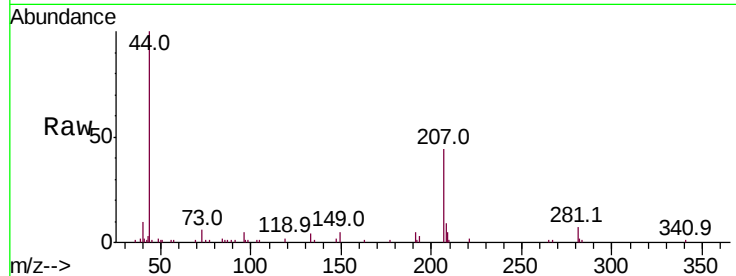




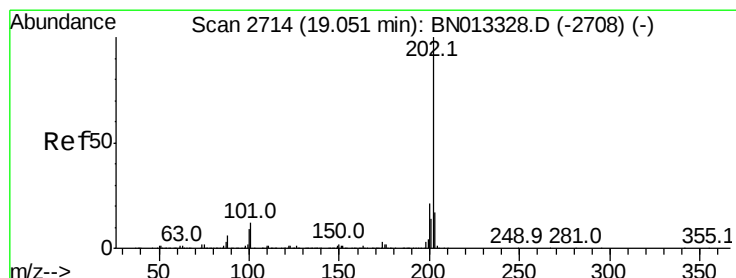
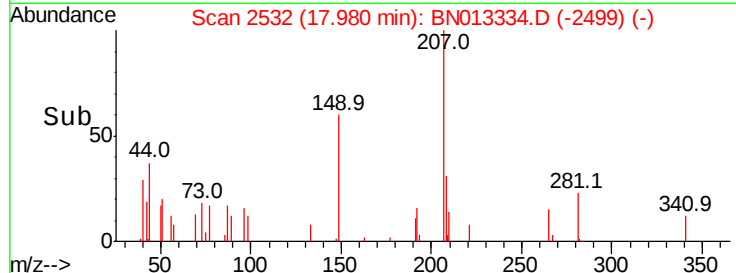
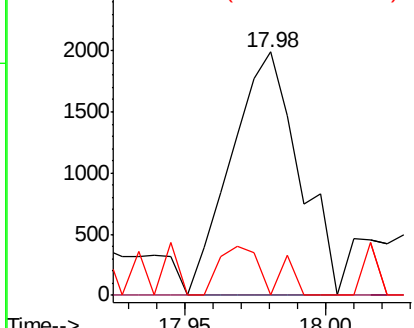
#78
Di-n-butylphthalate
Concen: 0.037 ng/ul
RT: 17.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BN013334.D
Acq: 05 Jan 2021 22:09

Instrument :
BNA_N
ClientSampleId :
SP5410

Tot Ion:149 Resp: 3301
Ion Ratio Lower Upper
149 100
150 0.0 7.1 10.7#
104 0.0 3.7 5.5#

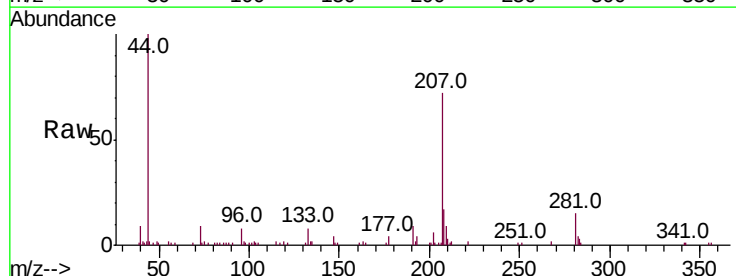


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

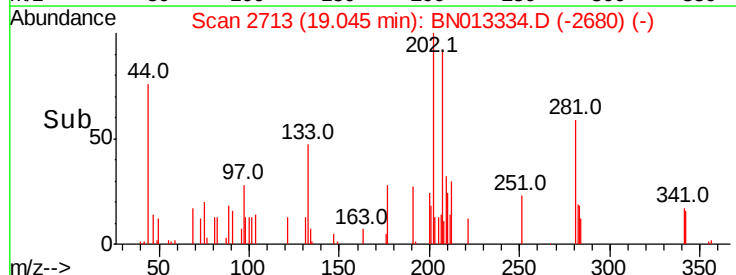
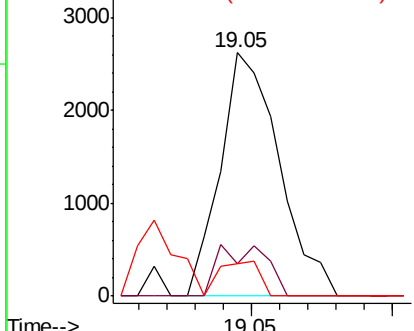


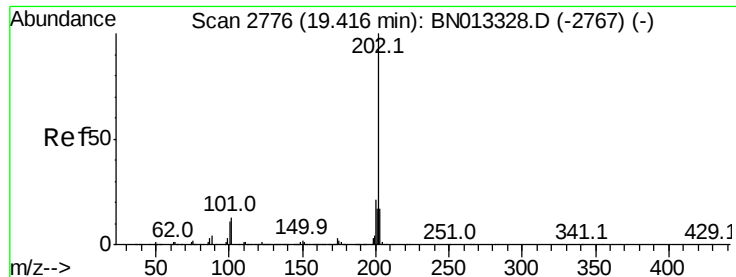
#80
Fluoranthene
Concen: 0.041 ng/ul
RT: 19.05 min Scan# 2713
Delta R.T. -0.01 min
Lab File: BN013334.D
Acq: 05 Jan 2021 22:09

Tgt Ion:202 Resp: 3804
Ion Ratio Lower Upper
202 100
101 13.1 9.7 14.5
100 13.4 7.3 10.9#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#82

Pvrene

Concen: 0.033 ng/ul

RT: 19.42 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

Instrument :

BNA_N

ClientSampleId :

SP5410

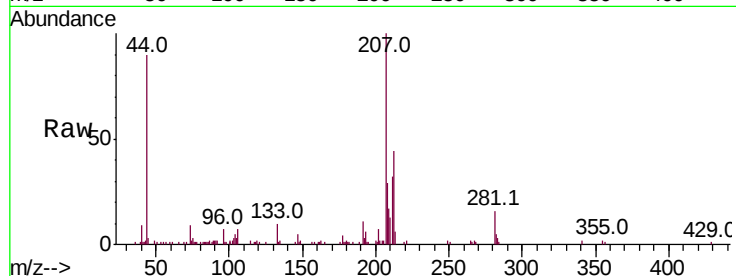
Tot Ion:202 Resp: 3126

Ion Ratio Lower Upper

202 100

101 15.0 10.8 16.2

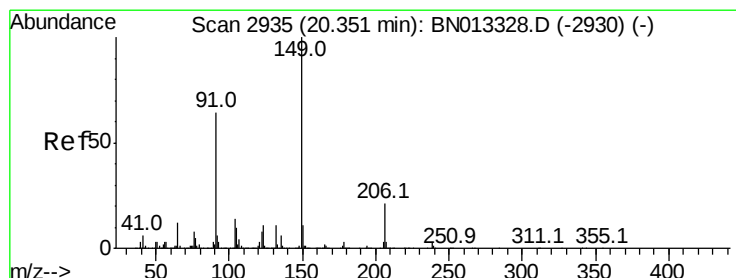
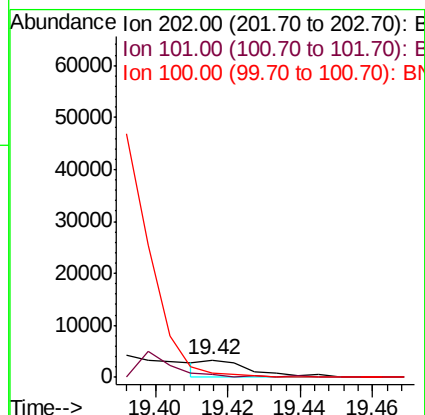
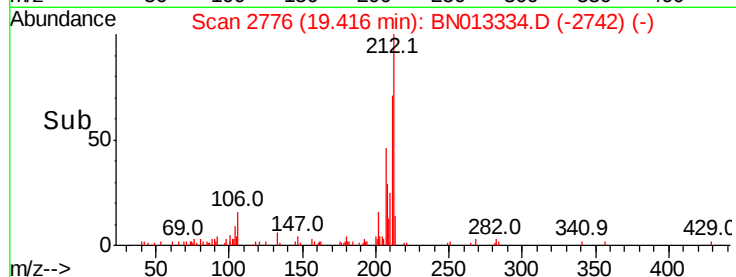
100 27.9 8.8 13.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83

Butylbenzylphthalate

Concen: 0.019 ng/ul

RT: 20.35 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

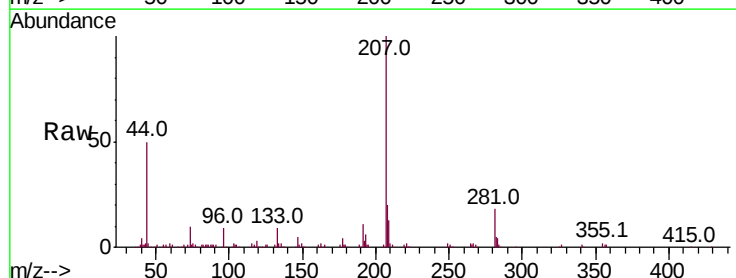
Tgt Ion:149 Resp: 780

Ion Ratio Lower Upper

149 100

91 34.9 51.4 77.0#

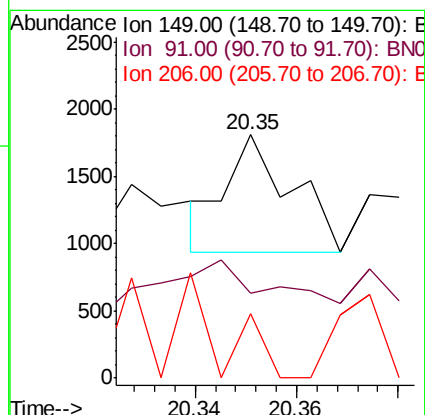
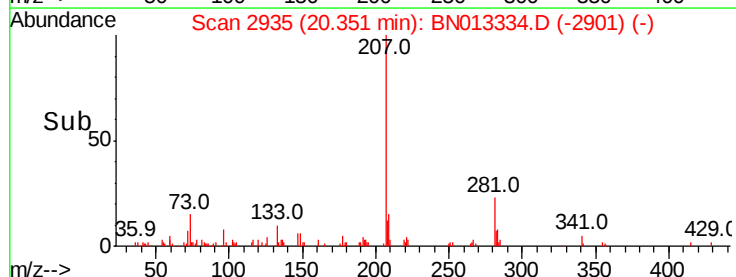
206 26.2 17.0 25.6#

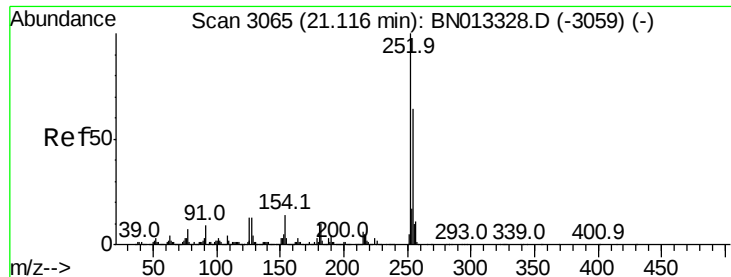


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#84

3,3'-Dichlorobenzidine

Concen: 0.116 ng/ul

RT: 21.11 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

Instrument :

BNA_N

ClientSampleId :

SP5410

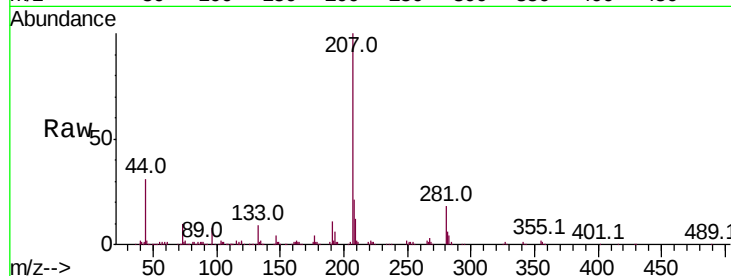
Tot Ion:252 Resp: 2960

Ion Ratio Lower Upper

252 100

254 49.7 51.4 77.0#

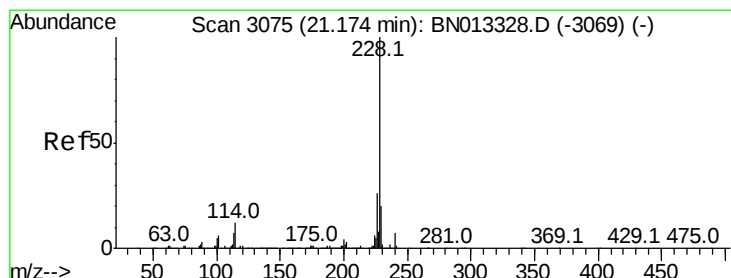
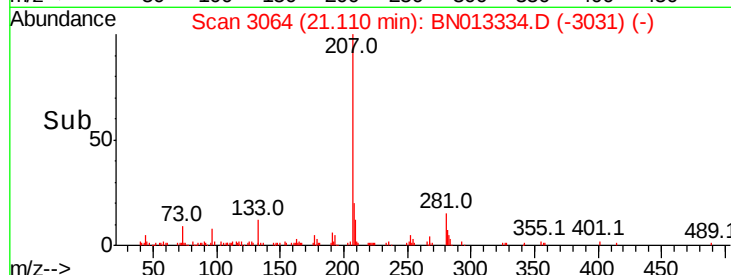
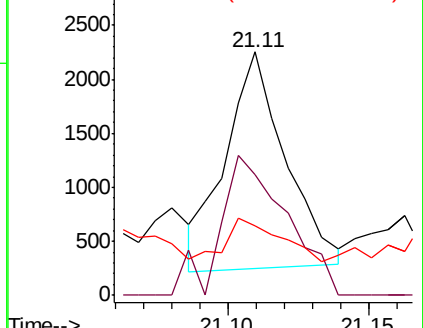
126 28.6 10.1 15.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#85

Benzo(a)anthracene

Concen: 0.070 ng/ul

RT: 21.19 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

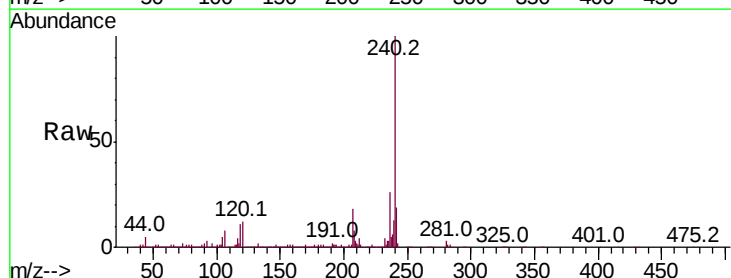
Tgt Ion:228 Resp: 6229

Ion Ratio Lower Upper

228 100

229 24.9 15.6 23.4#

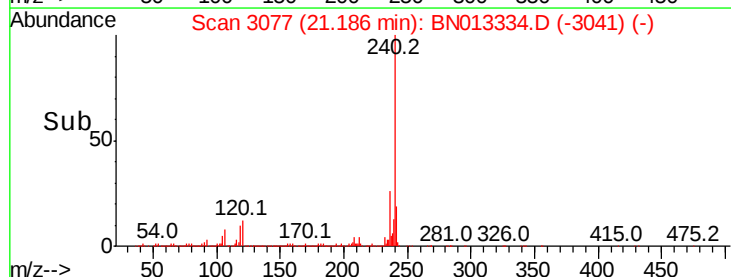
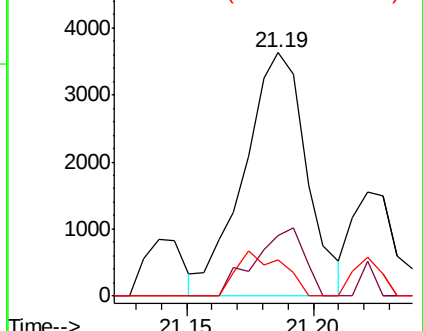
226 15.0 21.1 31.7#

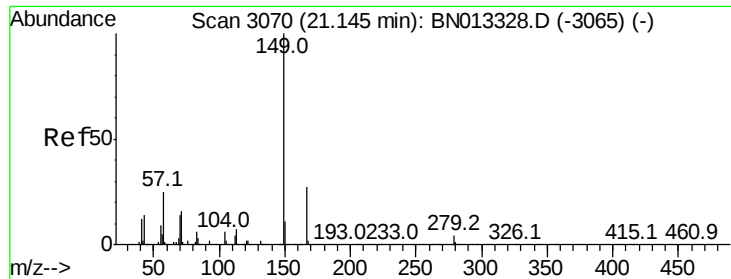


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

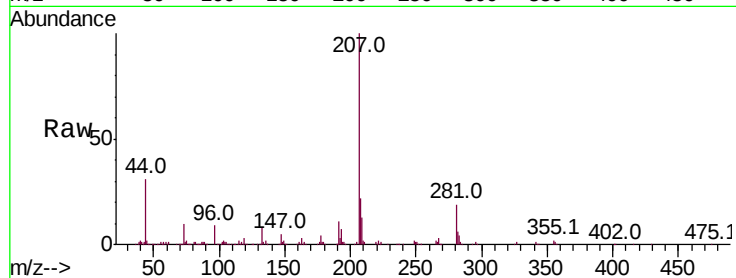




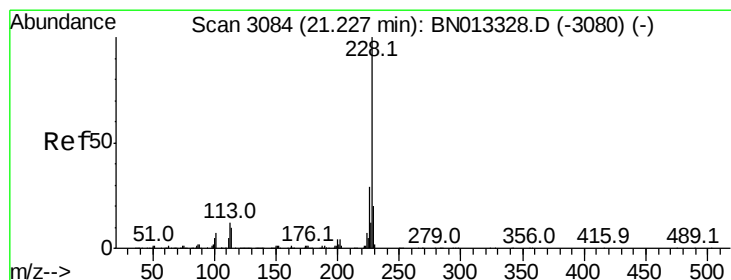
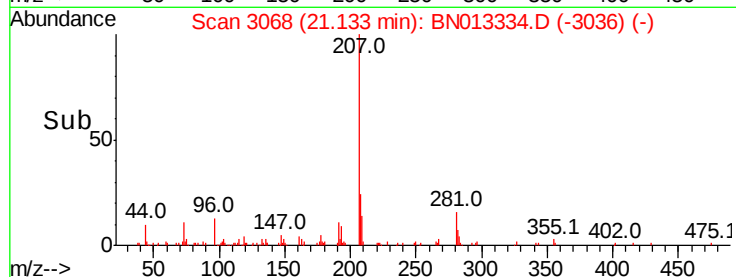
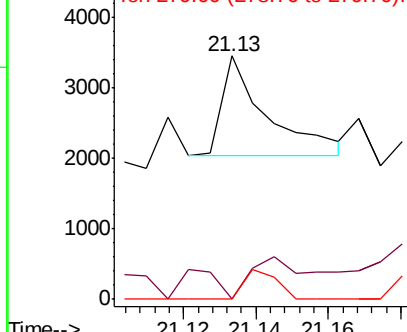
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 0.020 ng/ul
 RT: 21.13 min Scan# 3068
 Delta R.T. -0.01 min
 Lab File: BN013334.D
 Acq: 05 Jan 2021 22:09

Instrument :
 BNA_N
 ClientSampleId :
 SP5410

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.6	32.4#
279	0.0	3.3	4.9#

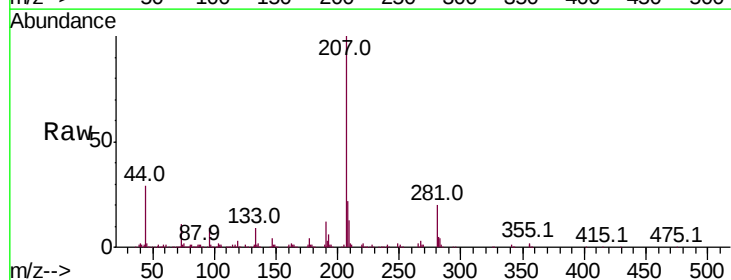


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

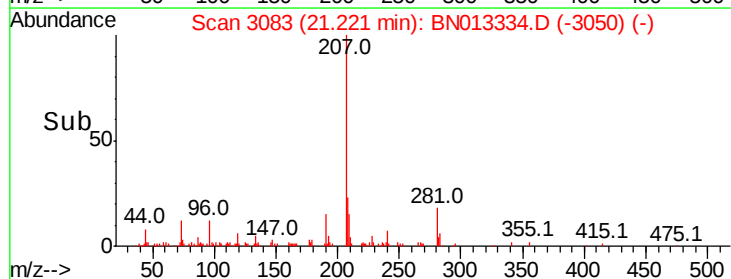
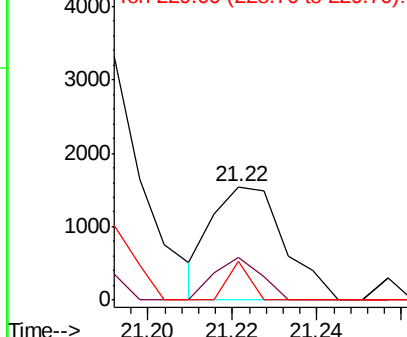


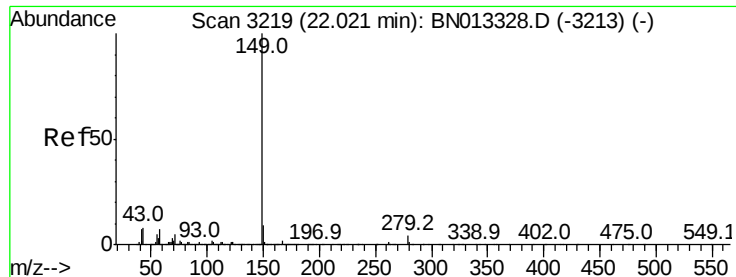
#87
 Chrysene
 Concen: 0.021 ng/ul
 RT: 21.22 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BN013334.D
 Acq: 05 Jan 2021 22:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.1	23.4	35.2#
229	34.0	15.9	23.9#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#89

Di-n-octyl phthalate

Concen: 0.022 ng/ul

RT: 22.01 min Scan# 3217

Delta R.T. -0.01 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

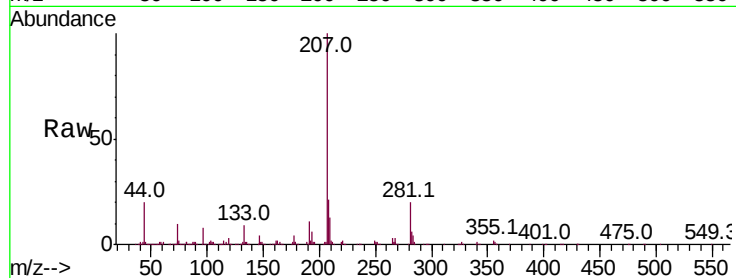
Instrument :

BNA_N

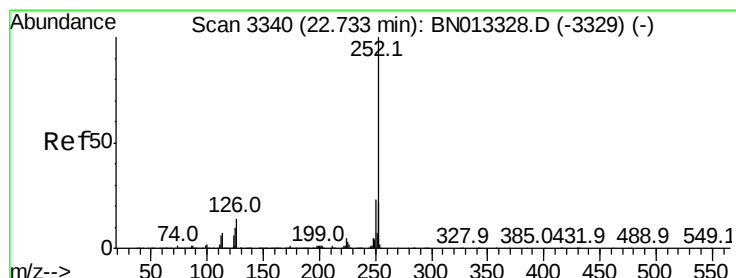
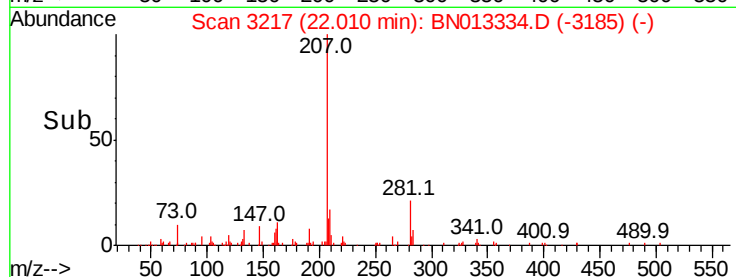
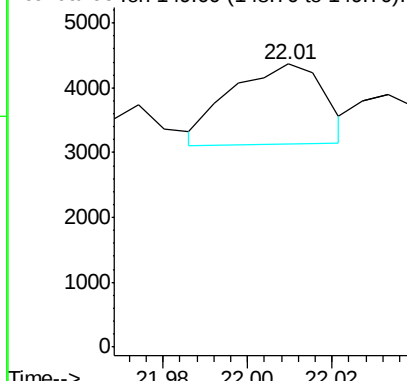
ClientSampleId :

SP5410

Tgt Ion:149 Resp: 1908



Abundance Ion 149.00 (148.70 to 149.70): E



#90

Benzo(b)fluoranthene

Concen: 0.016 ng/ul

RT: 22.72 min Scan# 3338

Delta R.T. -0.01 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

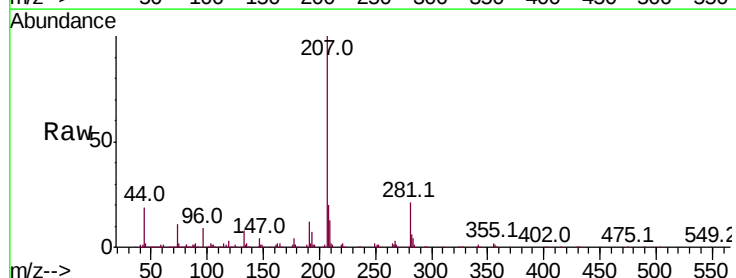
Tgt Ion:252 Resp: 1381

Ion Ratio Lower Upper

252 100

253 65.8 17.3 25.9#

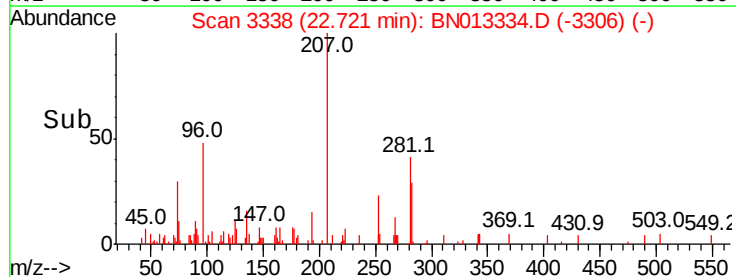
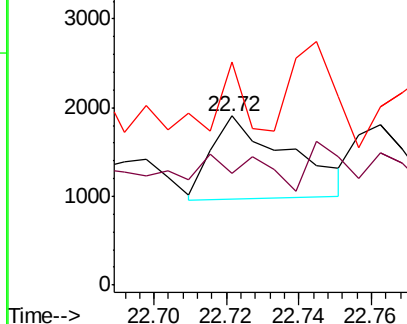
125 131.9 8.5 12.7#

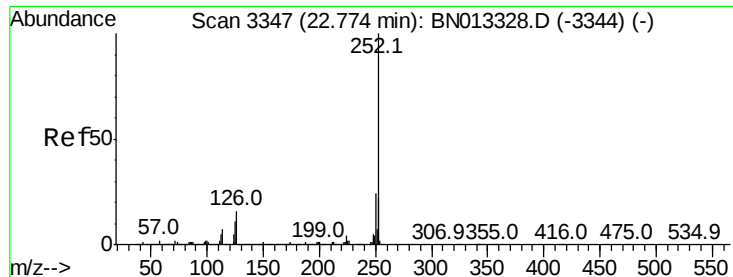


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(k)fluoranthene

Concen: 0.013 ng/ul

RT: 22.76 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

Instrument :

BNA_N

ClientSampleId :

SP5410

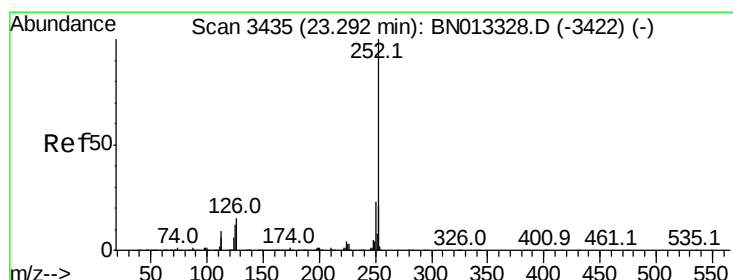
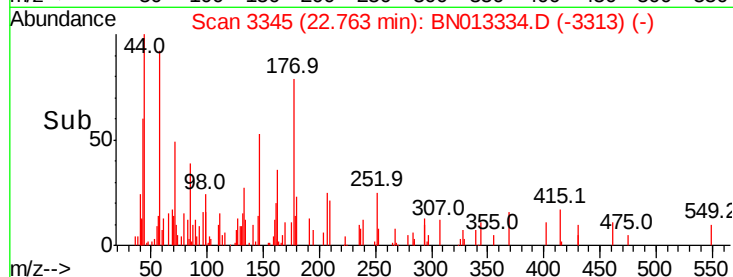
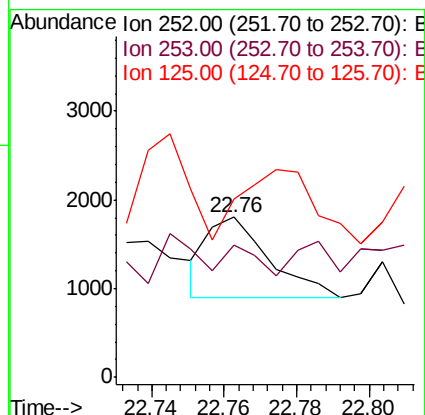
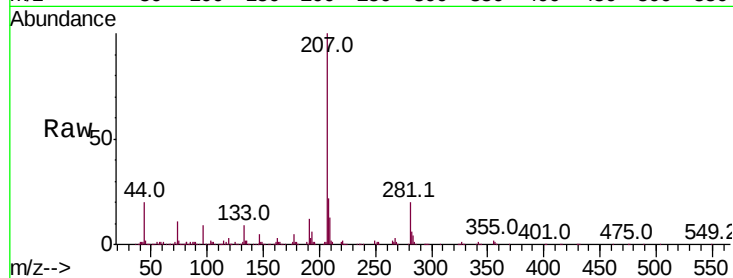
Tot Ion:252 Resp: 1071

Ion Ratio Lower Upper

252 100

253 82.6 17.5 26.3#

125 111.4 9.4 14.0#



#93

Benzo(a)pyrene

Concen: 0.007 ng/ul

RT: 23.32 min Scan# 3439

Delta R.T. 0.02 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

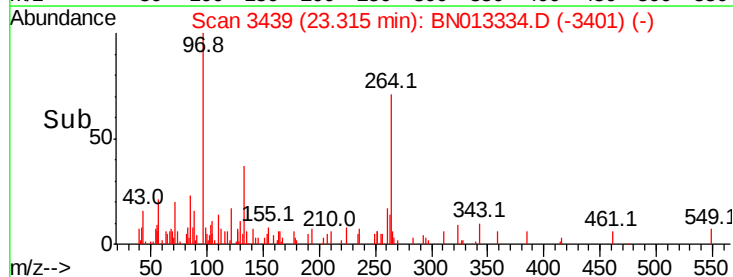
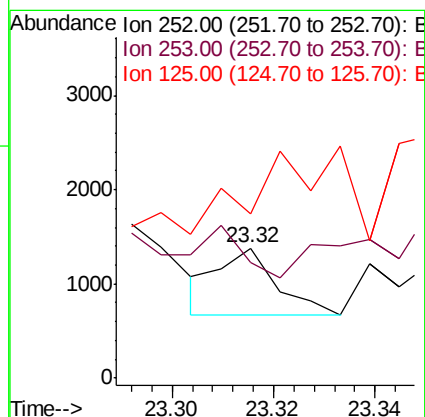
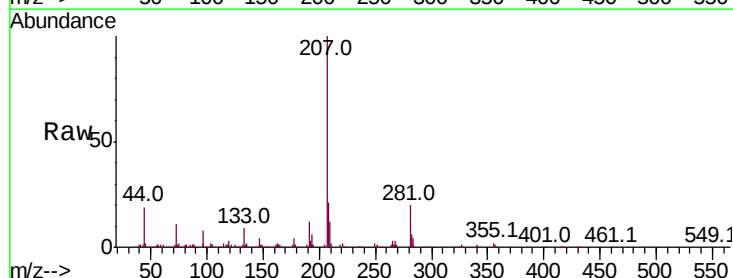
Tgt Ion:252 Resp: 563

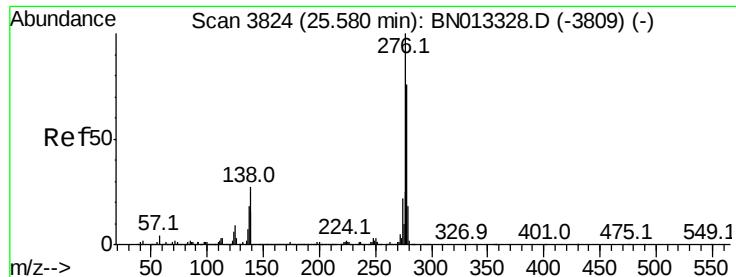
Ion Ratio Lower Upper

252 100

253 88.8 17.3 25.9#

125 126.3 9.4 14.0#



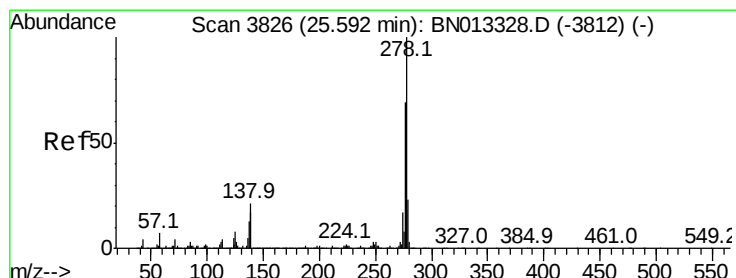
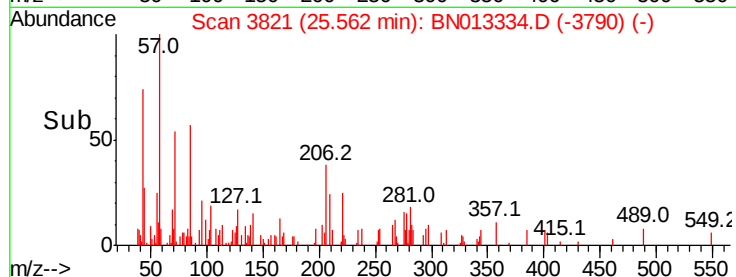
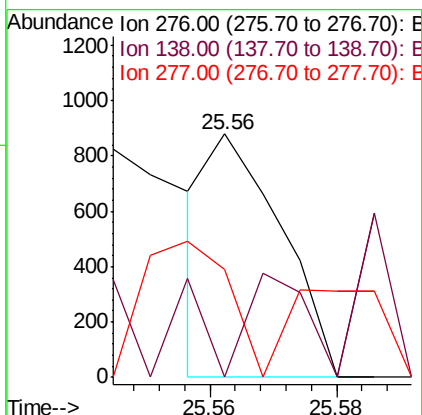
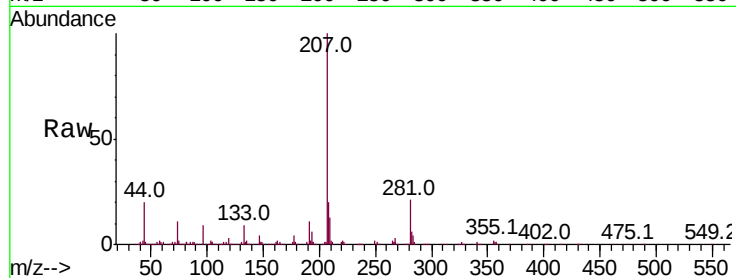


#94

Indeno(1,2,3-cd)pyrene
Concen: 0.007 ng/ul
RT: 25.56 min Scan# 3821
Delta R.T. -0.02 min
Lab File: BN013334.D
Acq: 05 Jan 2021 22:09

Instrument :
BNA_N
ClientSampleId :
SP5410

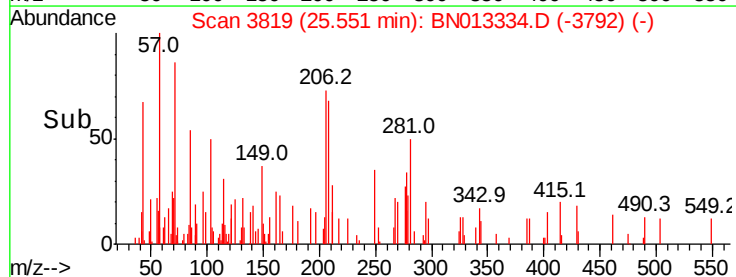
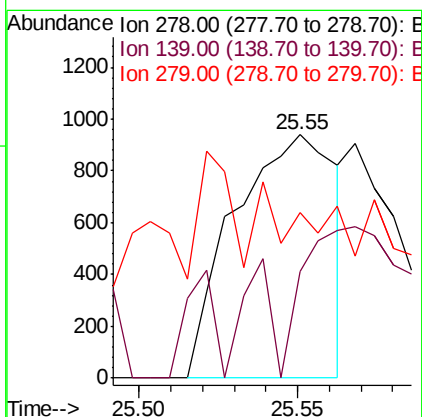
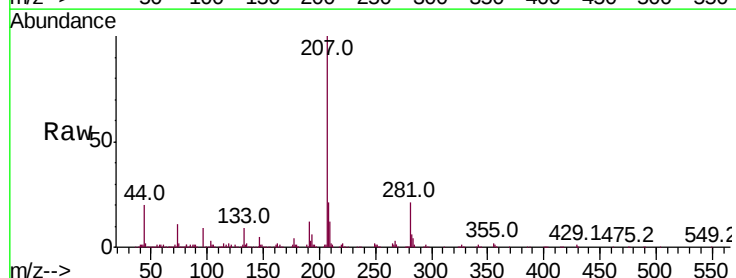
Tot Ion:276 Resp: 693
Ion Ratio Lower Upper
276 100
138 0.0 21.3 31.9#
277 44.4 20.0 30.0#

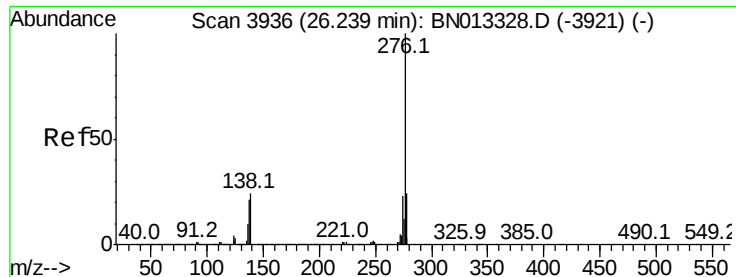


#95

Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 25.55 min Scan# 3819
Delta R.T. -0.04 min
Lab File: BN013334.D
Acq: 05 Jan 2021 22:09

Tgt Ion:278 Resp: 2094
Ion Ratio Lower Upper
278 100
139 43.8 13.7 20.5#
279 68.0 18.7 28.1#





#96

Benzo(a,h,i)perylene

Concen: 0.018 ng/ul

RT: 26.19 min Scan# 3927

Delta R.T. -0.05 min

Lab File: BN013334.D

Acq: 05 Jan 2021 22:09

Instrument :

BNA_N

ClientSampleId :

SP5410

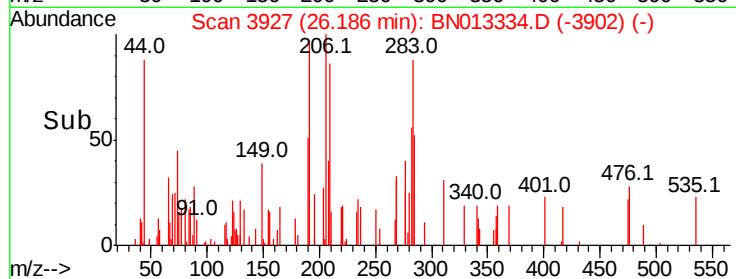
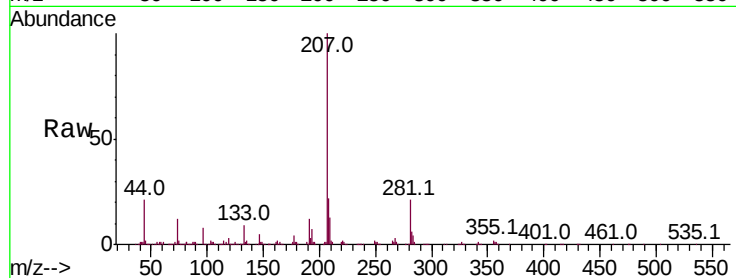
Tot Ion:276 Resp: 1544

Ion Ratio Lower Upper

276 100

138 0.0 19.1 28.7#

277 62.9 19.3 28.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

