

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071520\
 Data File : BN011184.D
 Acq On : 15 Jul 2020 20:02
 Operator : CG/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02059

Quant Time: Jul 16 00:43:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 14:43:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	165430	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	718094	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	475193	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1076336	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1216857	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1189568	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	32923	7.60	ng/uL	0.00
5) Phenol-d5	6.69	99	261378	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	142875	20.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	225872	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	221306	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	110363	18.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	122906	19.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	230278	19.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	289834	22.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	719425	18.67	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	857754	18.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	131366	19.08	ng/ul	0.00
58) Fluorene-d10	15.12	176	621155	18.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	122154	18.60	ng/ul	0.00
71) Anthracene-d10	16.97	188	999761	19.08	ng/ul	0.00
79) Pyrene-d10	19.28	212	1147040	18.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1257746	19.51	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.18	88	38180	8.360	ng/uL 95
4) Benzaldehyde	6.65	77	170647	25.523	ng/ul 97
6) Phenol	6.72	94	286134	19.849	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.93	93	215925	20.281	ng/ul 99
10) 2-Chlorophenol	7.06	128	234952	18.840	ng/ul 95
11) 2-Methylphenol	7.93	108	220236	20.489	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.02	45	90902	12.767	ng/ul 96
14) Acetophenone	8.30	105	363718	19.621	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.29	70	182274	19.274	ng/ul 99
16) 4-Methylphenol	8.26	108	241155	20.332	ng/ul 97
17) Hexachloroethane	8.55	117	102312	18.851	ng/ul 96
20) Nitrobenzene	8.67	77	280876	18.549	ng/ul 100
21) Isophorone	9.19	82	480010	18.548	ng/ul 99
23) 2-Nitrophenol	9.37	139	135274	19.395	ng/ul 98
24) 2,4-Dimethylphenol	9.45	107	279249	19.200	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.67	93	294645	18.812	ng/ul 98
27) 2,4-Dichlorophenol	9.90	162	239200	19.095	ng/ul 99
28) Naphthalene	10.29	128	772927	18.361	ng/ul 100
30) 4-Chloroaniline	10.41	127	309411	23.401	ng/ul 100
31) Hexachlorobutadiene	10.58	225	164877	19.009	ng/ul 96
32) Caprolactam	11.19	113	37274	11.078	ng/ul 89
33) 4-Chloro-3-methylphenol	11.54	107	254907	18.970	ng/ul 97
34) 2-Methylnaphthalene	11.91	142	565473	18.524	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	524071	18.479	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	294487	18.097	ng/uL	95
38) Hexachlorocyclopentadiene	12.27	237	193481	19.297	ng/uL	95
39) 2,4,6-Trichlorophenol	12.53	196	192796	18.616	ng/uL	95
40) 2,4,5-Trichlorophenol	12.61	196	210807	18.169	ng/uL	95
41) 1,1'-Biphenyl	12.95	154	762117	18.887	ng/uL	98
42) 2-Chloronaphthalene	12.98	162	605104	18.901	ng/uL	99
43) 2-Nitroaniline	13.19	65	146042	18.016	ng/uL	91
45) Dimethylphthalate	13.59	163	746951	18.348	ng/uL	99
46) 2,6-Dinitrotoluene	13.70	165	146332	18.140	ng/uL	95
48) Acenaphthylene	13.83	152	898203	18.599	ng/uL	99
49) 3-Nitroaniline	14.03	138	147341	19.792	ng/uL	98
50) Acenaphthene	14.19	153	624236	18.403	ng/uL	97
51) 2,4-Dinitrophenol	14.25	184	79559	17.100	ng/uL	92
53) 4-Nitrophenol	14.36	109	123885	18.740	ng/uL	99
54) Dibenzofuran	14.52	168	900018	18.516	ng/uL	99
55) 2,4-Dinitrotoluene	14.50	165	225769	19.178	ng/uL	96
56) 2,3,4,6-Tetrachlorophenol	14.76	232	179175	18.481	ng/uL	94
57) Diethylphthalate	14.97	149	748733	18.670	ng/uL	99
59) Fluorene	15.18	166	732908	17.904	ng/uL	95
60) 4-Chlorophenyl-phenylether	15.18	204	368439	17.997	ng/uL	99
61) 4-Nitroaniline	15.20	138	164823	18.751	ng/uL	88
64) 4,6-Dinitro-2-methylphenol	15.27	198	130253	19.041	ng/uL	97
65) N-Nitrosodiphenylamine	15.40	169	647266	19.152	ng/uL	98
66) 4-Bromophenyl-phenylether	16.07	248	222506	18.799	ng/uL	91
67) Hexachlorobenzene	16.19	284	244851	18.643	ng/uL	97
68) Atrazine	16.36	200	233361	20.344	ng/uL	98
69) Pentachlorophenol	16.53	266	146986	18.928	ng/uL	98
70) Phenanthrene	16.92	178	1202594	18.453	ng/uL	98
72) Anthracene	17.01	178	1219214	18.424	ng/uL	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	328043	20.718	ng/uL	97
74) Pentachlorobenzene	14.45	250	291398	19.171	ng/uL	96
75) Carbazole	17.28	167	1120614	19.872	ng/uL	98
76) Di-n-butylphthalate	17.87	149	1299506	19.321	ng/uL	97
77) Fluoranthene	18.95	202	1440638	19.618	ng/uL	99
80) Pvrene	19.31	202	1535159	18.710	ng/uL	99
81) Butylbenzylphthalate	20.24	149	617805	19.734	ng/uL	96
82) 3,3'-Dichlorobenzidine	21.02	252	494250	19.356	ng/uL	100
83) Benzo(a)anthracene	21.07	228	1611332	18.768	ng/uL	97
84) Bis(2-ethylhexyl)phthalate	21.04	149	977127	19.634	ng/uL	97
85) Chrysene	21.13	228	1555910	18.842	ng/uL	100
87) Di-n-octyl phthalate	21.90	149	1696792	21.928	ng/uL	100
88) Benzo(b)fluoranthene	22.60	252	1591344	19.512	ng/uL	99
89) Benzo(k)fluoranthene	22.64	252	1636223	19.934	ng/uL	99
91) Benzo(a)pyrene	23.13	252	1390204	19.327	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	25.31	276	1600629	18.809	ng/uL	97
93) Dibenzo(a,h)anthracene	25.32	278	1330638	18.624	ng/uL	99
94) Benzo(a,h,i)perylene	25.94	276	1288818	18.748	ng/uL	99

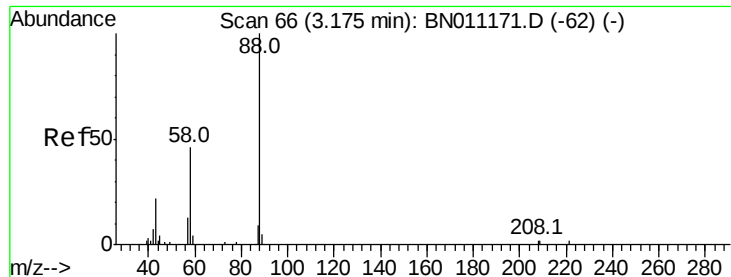
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071520\
Data File : BN011184.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 8.360 ng/uL

RT: 3.18 min Scan# 32

Delta R.T. 0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

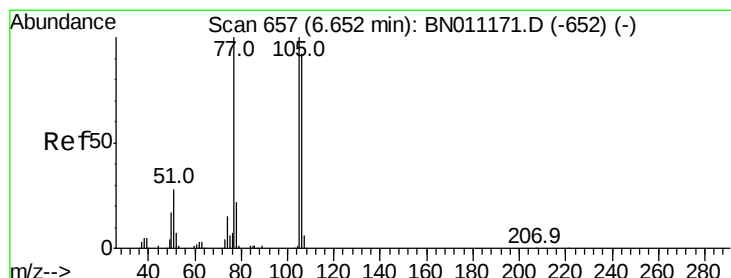
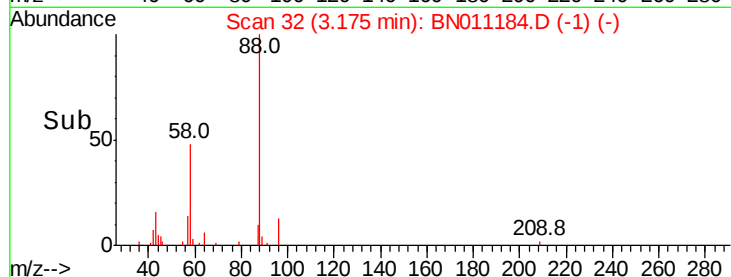
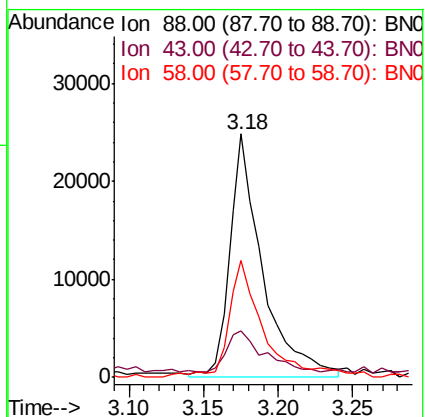
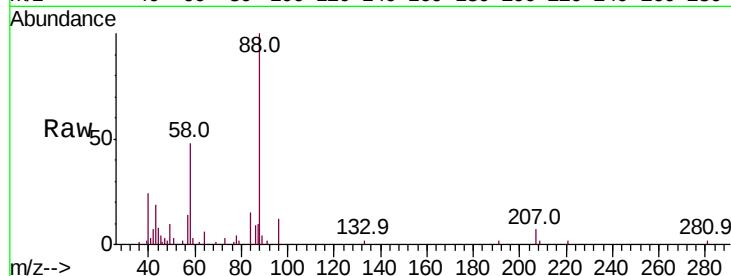
Tot Ion: 88 Resp: 38180

Ion Ratio Lower Upper

88 100

43 19.1 17.7 26.5

58 48.2 36.6 54.8



#4

Benzaldehyde

Concen: 25.523 ng/uL

RT: 6.65 min Scan# 623

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

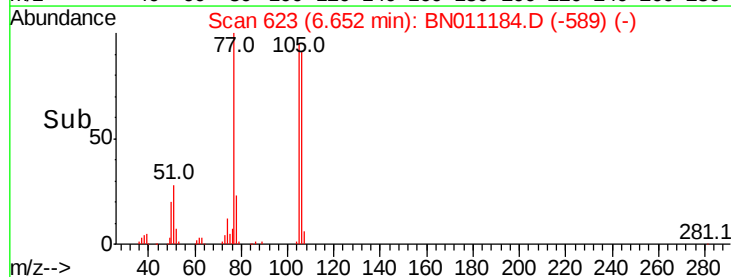
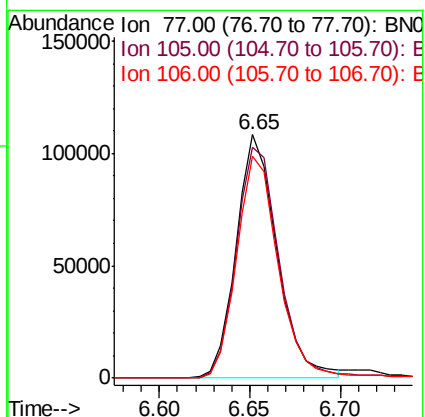
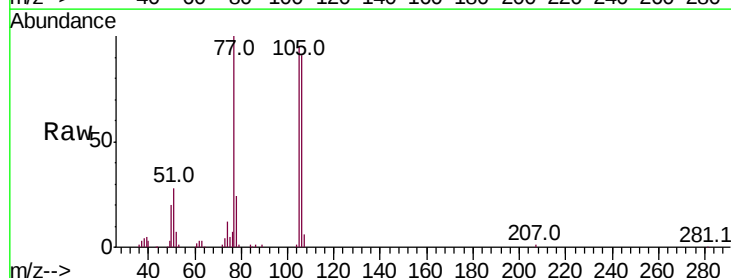
Tgt Ion: 77 Resp: 170647

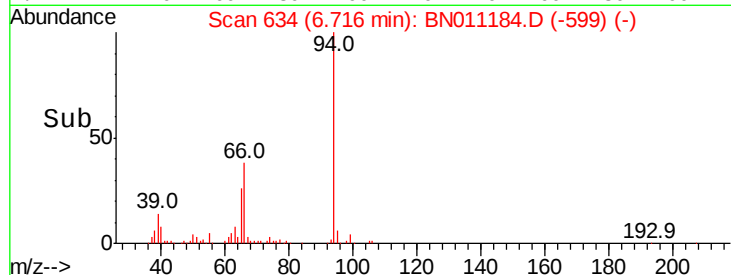
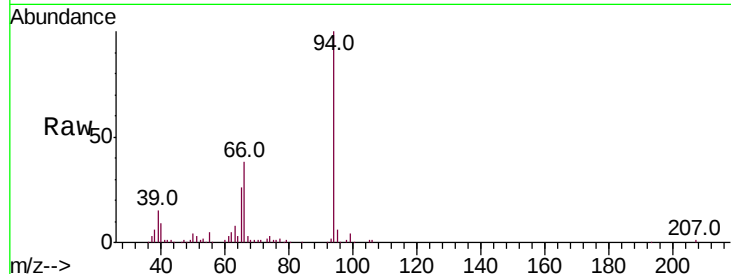
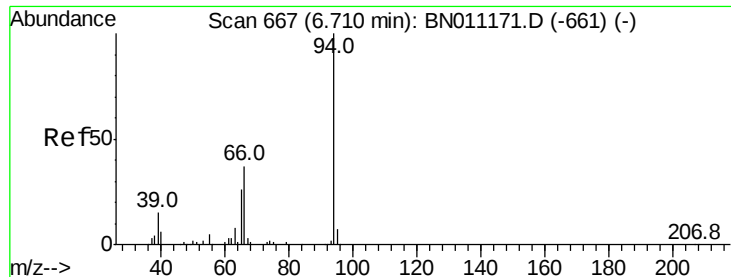
Ion Ratio Lower Upper

77 100

105 94.9 79.9 119.9

106 91.3 73.5 110.3





#6

Phenol

Concen: 19.849 ng/ul

RT: 6.72 min Scan# 634

Delta R.T. 0.01 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

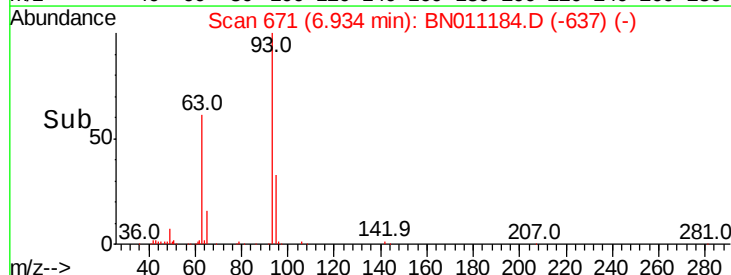
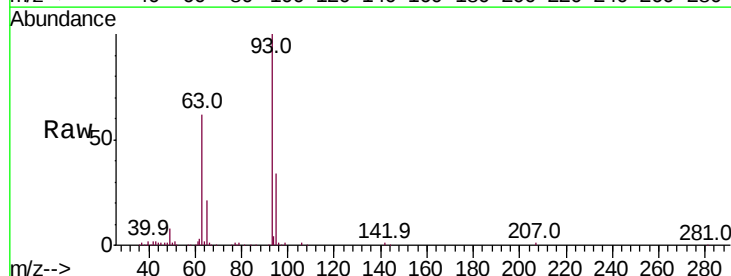
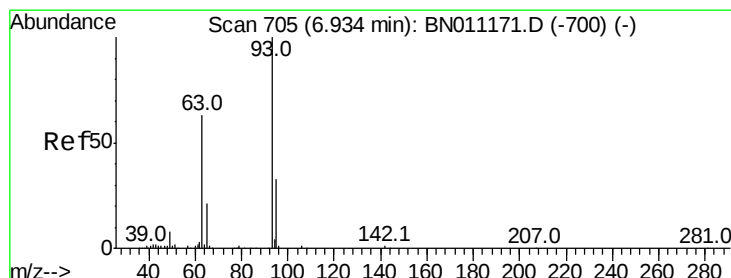
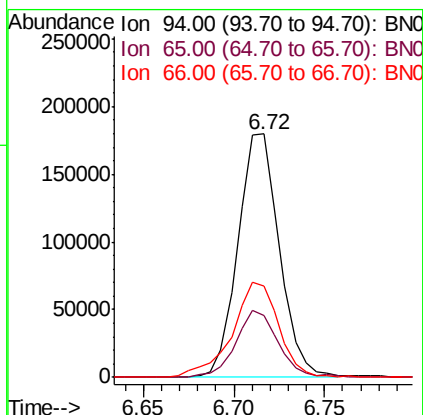
Tot Ion: 94 Resp: 286134

Ion Ratio Lower Upper

94 100

65 25.5 21.4 32.0

66 37.5 31.3 46.9



#8

Bis(2-Chloroethyl)ether

Concen: 20.281 ng/ul

RT: 6.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

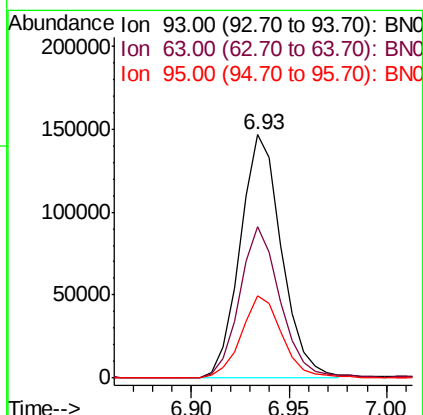
Tgt Ion: 93 Resp: 215925

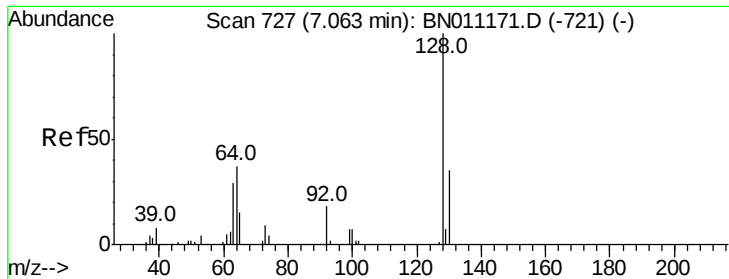
Ion Ratio Lower Upper

93 100

63 62.3 50.5 75.7

95 33.9 26.6 39.8

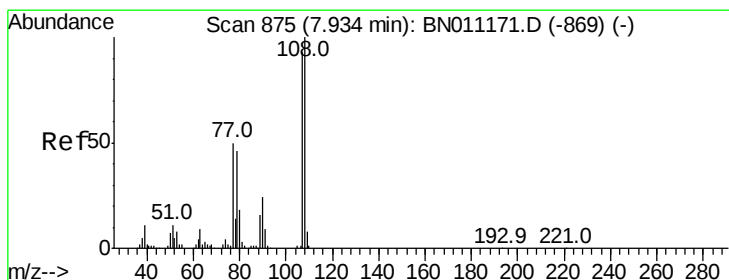
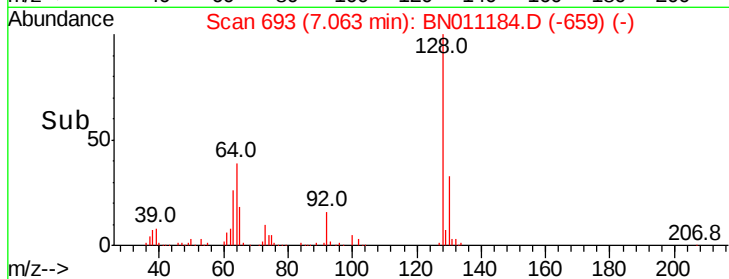
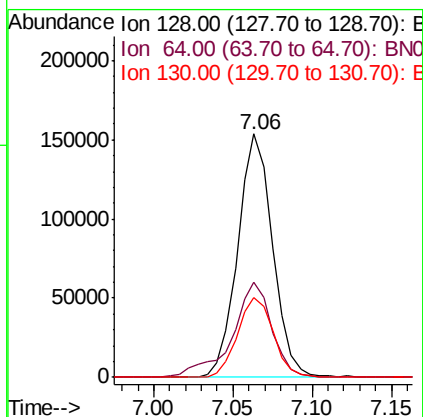
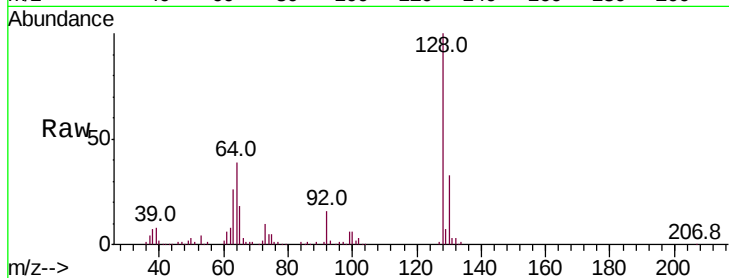




#10
2-Chlorophenol
Concen: 18.840 ng/ul
RT: 7.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

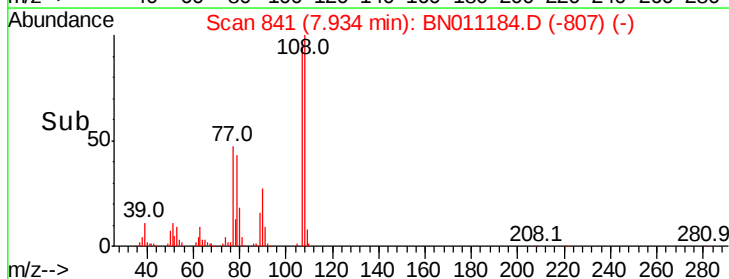
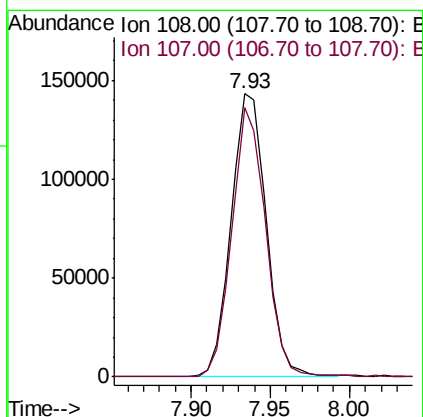
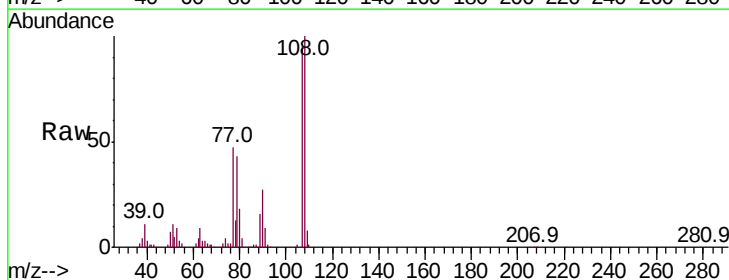
Instrument :
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ClientSampleId :
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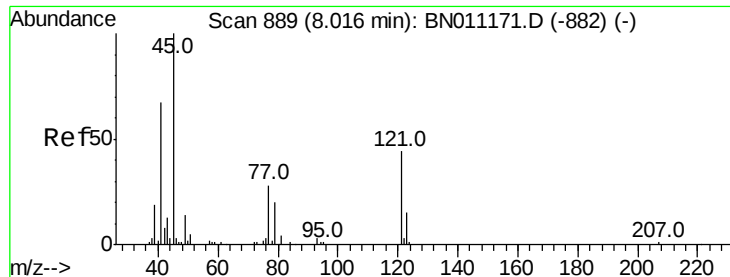
Tot Ion:128 Resp: 234952
Ion Ratio Lower Upper
128 100
64 38.9 33.8 50.6
130 32.9 28.0 42.0



#11
2-Methylphenol
Concen: 20.489 ng/ul
RT: 7.93 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Tgt Ion:108 Resp: 220236
Ion Ratio Lower Upper
108 100
107 95.0 74.3 111.5

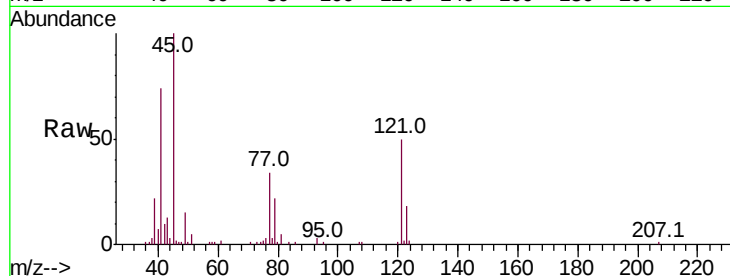




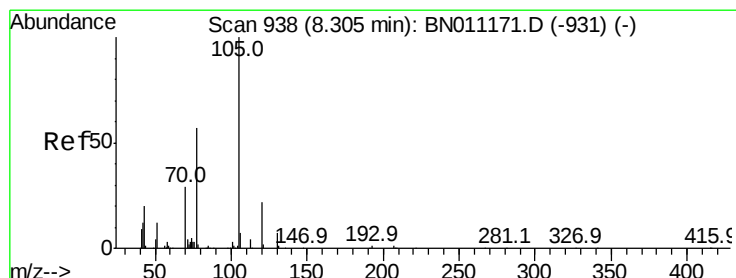
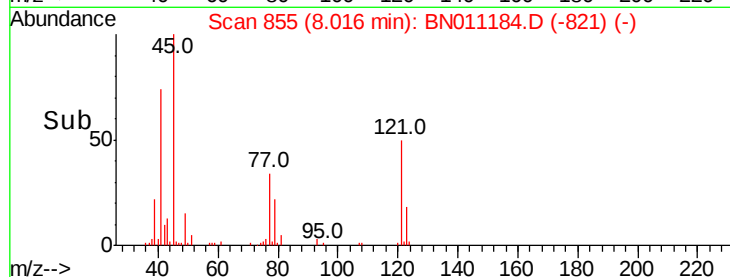
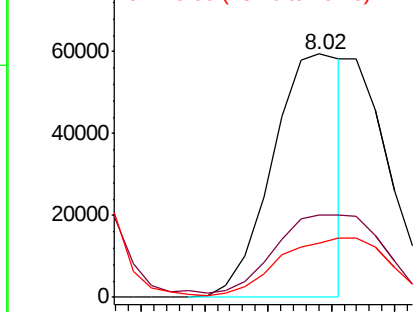
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 12.767 ng/ul
RT: 8.02 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tot Ion: 45 Resp: 90902
Ion Ratio Lower Upper
45 100
77 33.7 24.1 36.1
79 22.0 17.8 26.6

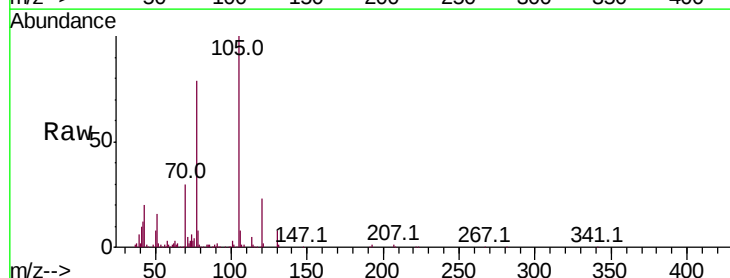


Abundance Ion 45.00 (44.70 to 45.70): BNC
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

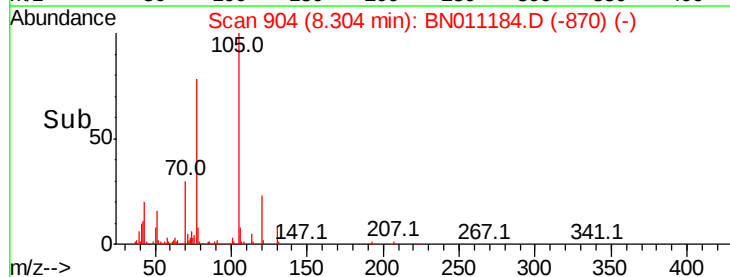
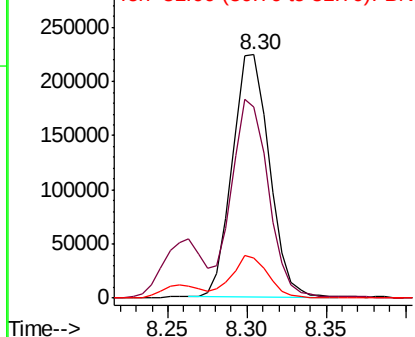


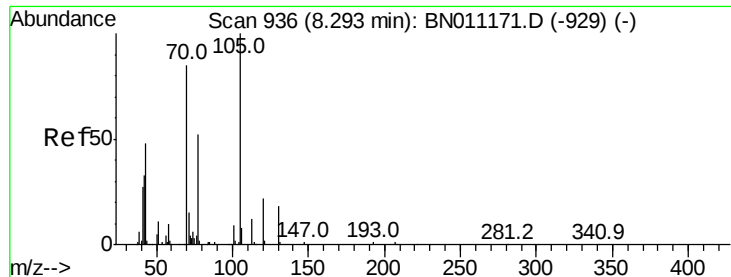
#14
Acetophenone
Concen: 19.621 ng/ul
RT: 8.30 min Scan# 904
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Tgt Ion: 105 Resp: 363718
Ion Ratio Lower Upper
105 100
77 78.7 62.6 94.0
51 16.3 13.4 20.0



Abundance Ion 105.00 (104.70 to 105.70): BNC
Ion 77.00 (76.70 to 77.70): BNC
Ion 51.00 (50.70 to 51.70): BNC





#15

N-Nitroso-di-n-propylamine

Concen: 19.274 ng/ul

RT: 8.29 min Scan# 902

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

Tot Ion: 70 Resp: 182274

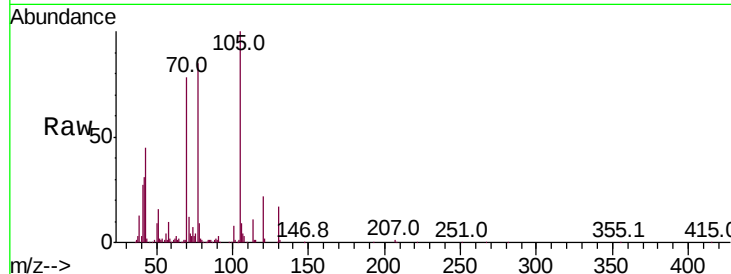
Ion Ratio Lower Upper

70 100

42 39.7 31.1 46.7

101 9.9 8.0 12.0

130 22.1 16.8 25.2

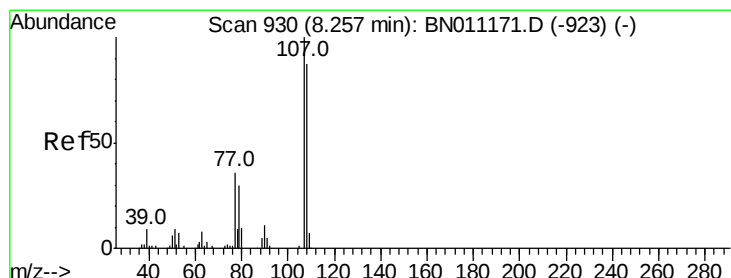
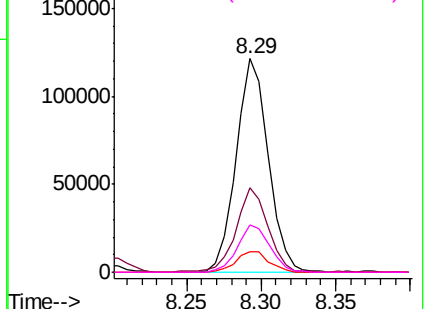
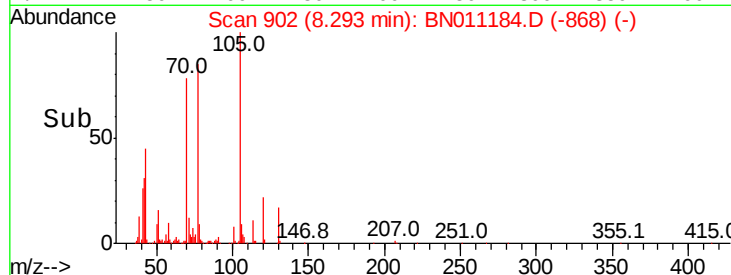


Abundance Ion 70.00 (69.70 to 70.70): BN011184.D (-868) (-)

Ion 42.00 (41.70 to 42.70): BN011184.D (-868) (-)

Ion 101.00 (100.70 to 101.70): BN011184.D (-868) (-)

Ion 130.00 (129.70 to 130.70): BN011184.D (-868) (-)



#16

4-Methylphenol

Concen: 20.332 ng/ul

RT: 8.26 min Scan# 897

Delta R.T. 0.01 min

Lab File: BN011184.D

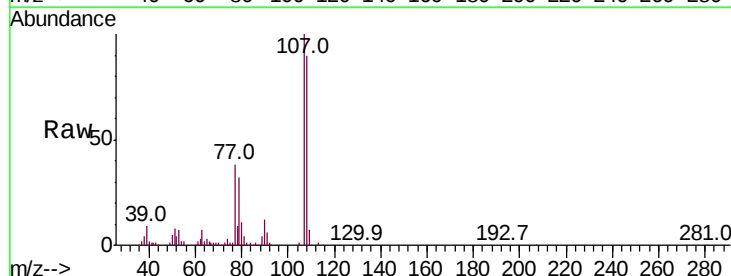
Acq: 15 Jul 2020 20:02

Tgt Ion: 108 Resp: 241155

Ion Ratio Lower Upper

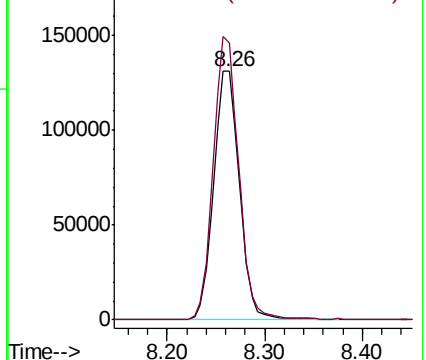
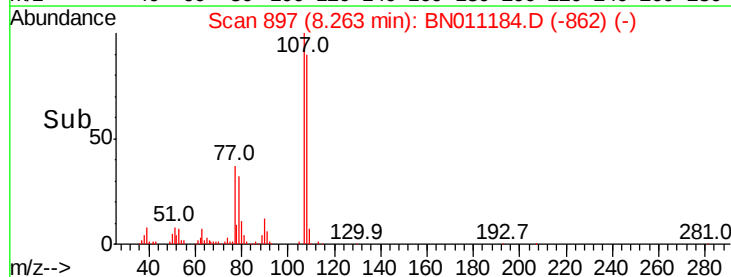
108 100

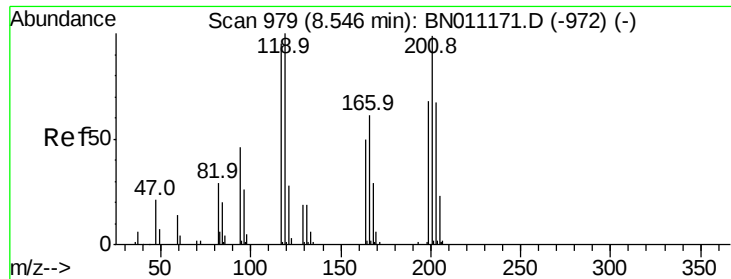
107 111.4 91.6 137.4



Abundance Ion 108.00 (107.70 to 108.70): BN011184.D (-862) (-)

Ion 107.00 (106.70 to 107.70): BN011184.D (-862) (-)

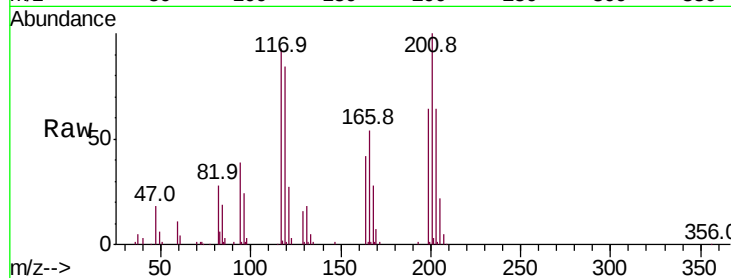




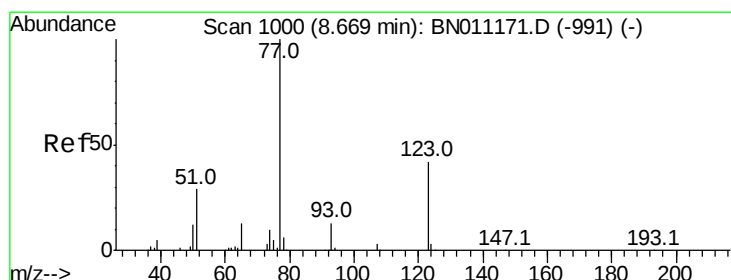
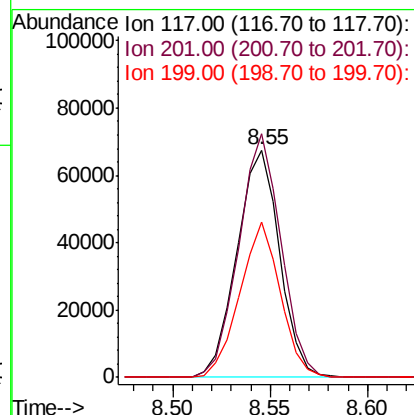
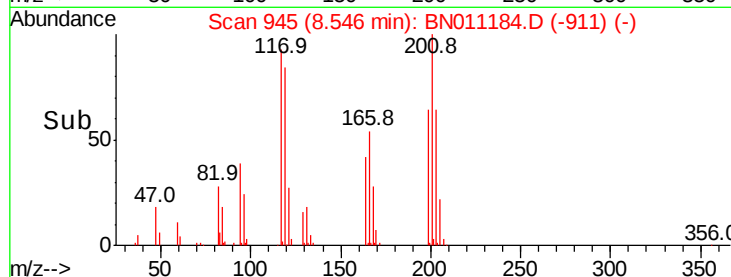
#17
Hexachloroethane
Concen: 18.851 ng/ul
RT: 8.55 min Scan# 945
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tot Ion:117 Resp: 102312
Ion Ratio Lower Upper
117 100
201 109.9 83.4 125.2
199 69.3 57.4 86.2

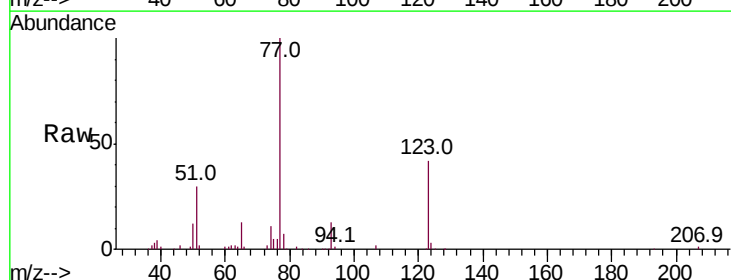


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

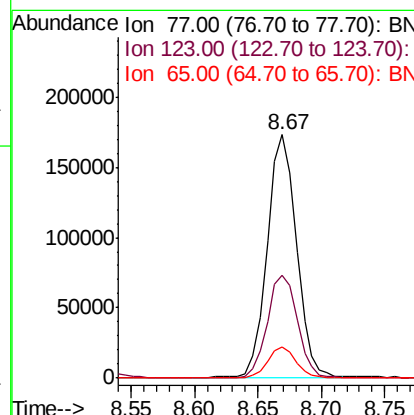
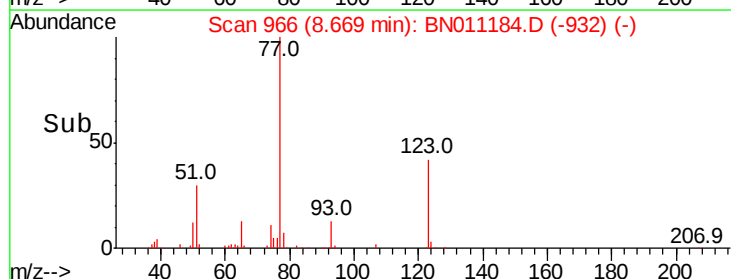


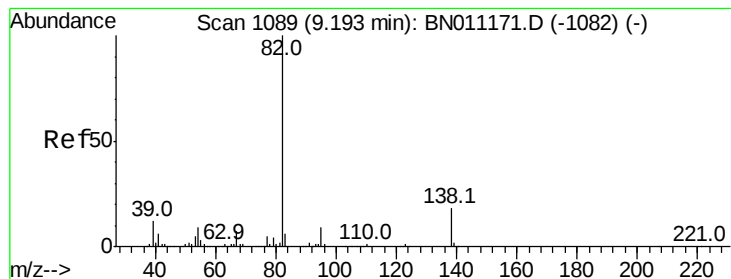
#20
Nitrobenzene
Concen: 18.549 ng/ul
RT: 8.67 min Scan# 966
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Tgt Ion: 77 Resp: 280876
Ion Ratio Lower Upper
77 100
123 42.4 33.7 50.5
65 12.5 10.0 15.0



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 18.548 ng/ul

RT: 9.19 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

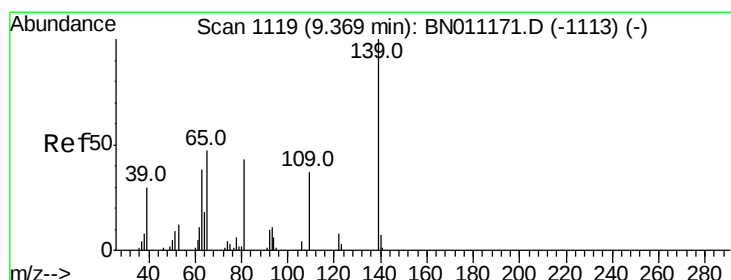
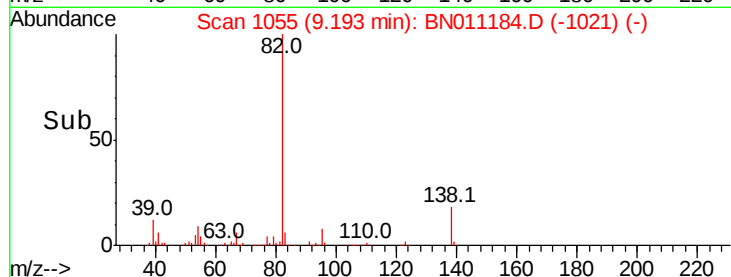
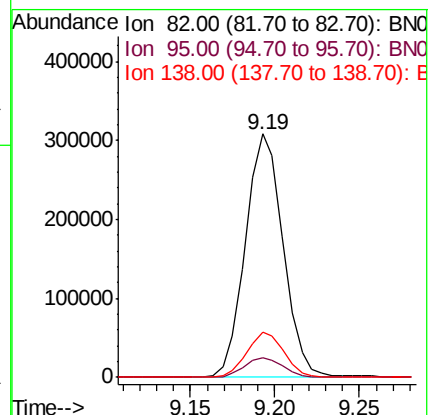
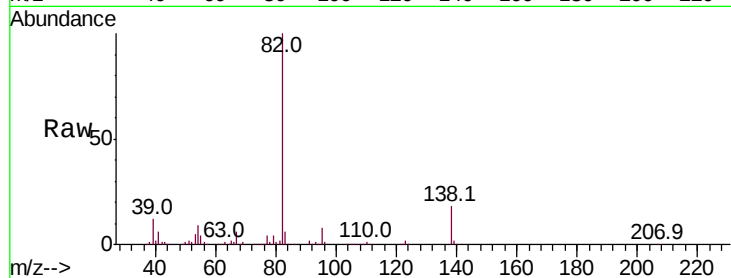
Tot Ion: 82 Resp: 480010

Ion Ratio Lower Upper

82 100

95 8.1 7.0 10.4

138 18.5 14.6 22.0



#23

2-Nitrophenol

Concen: 19.395 ng/ul

RT: 9.37 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

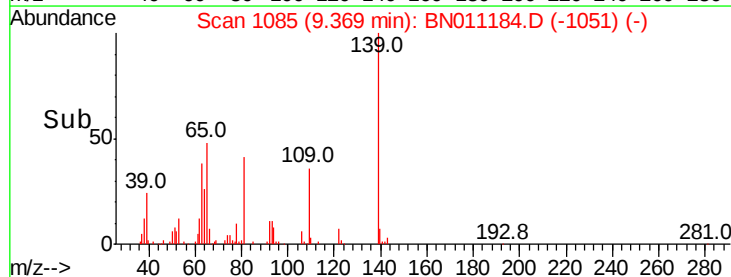
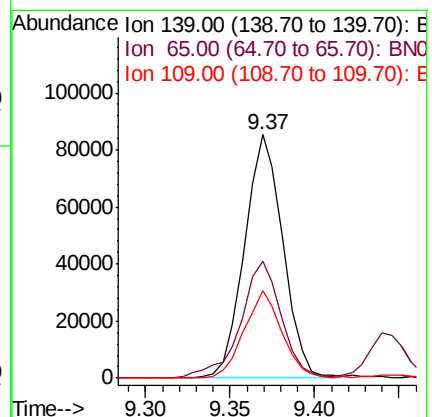
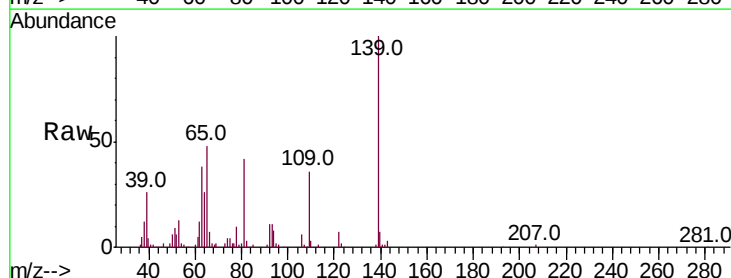
Tgt Ion: 139 Resp: 135274

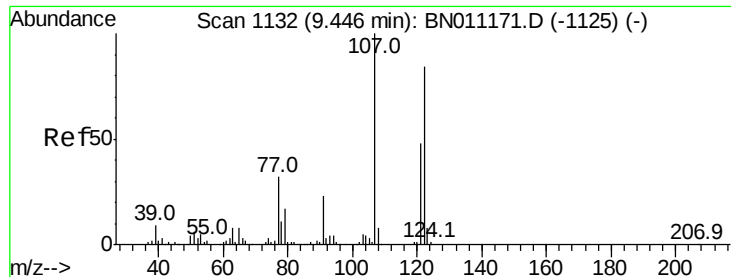
Ion Ratio Lower Upper

139 100

65 48.2 39.8 59.6

109 35.9 29.5 44.3





#24

2,4-Dimethylphenol

Concen: 19.200 ng/ul

RT: 9.45 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

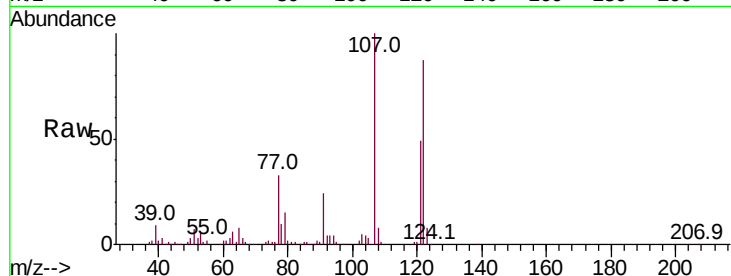
Tot Ion:107 Resp: 279249

Ion Ratio Lower Upper

107 100

121 48.6 38.4 57.6

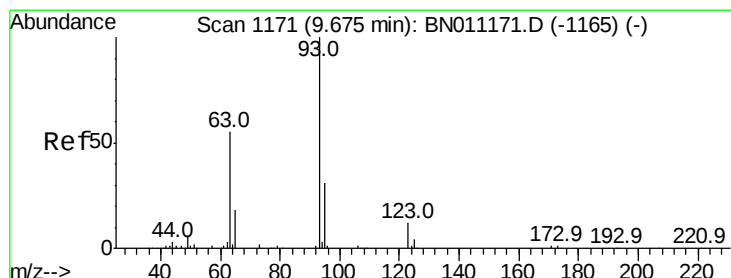
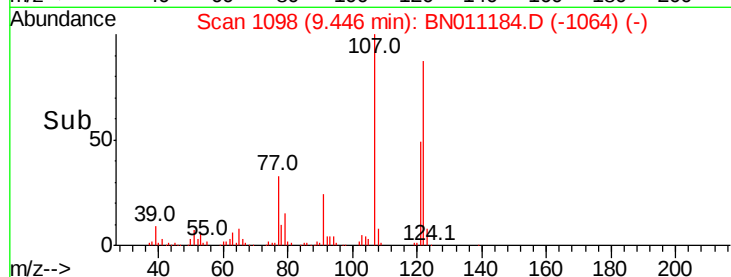
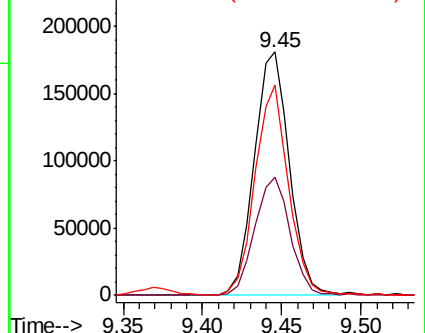
122 86.6 67.0 100.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 18.812 ng/ul

RT: 9.67 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

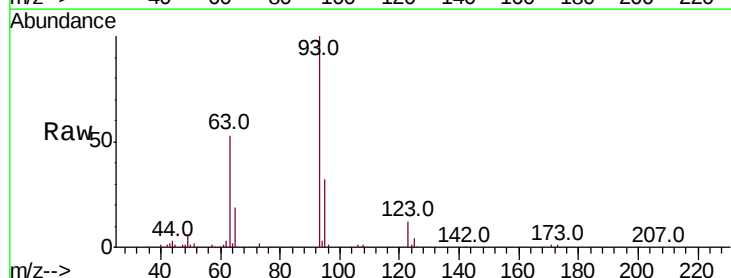
Tgt Ion: 93 Resp: 294645

Ion Ratio Lower Upper

93 100

95 32.2 24.7 37.1

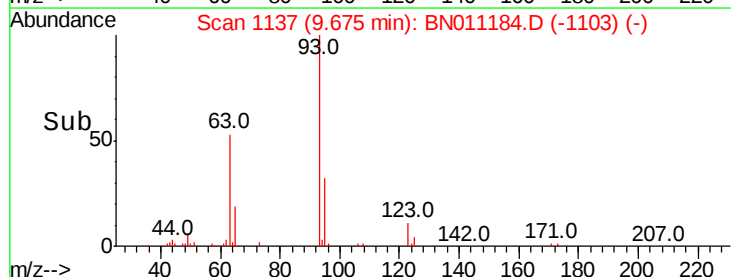
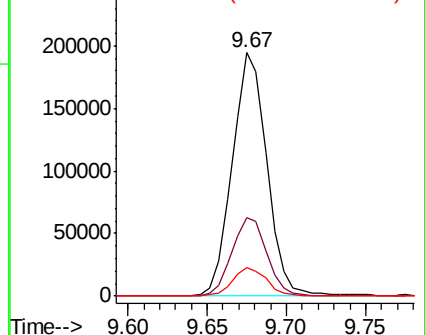
123 11.6 9.4 14.0

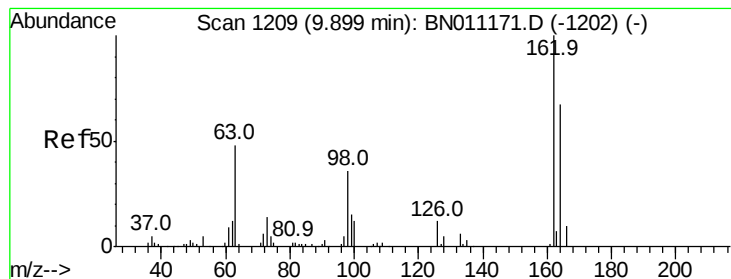


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.095 ng/ul

RT: 9.90 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

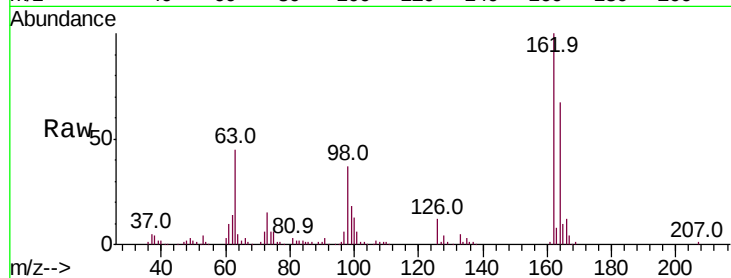
Tot Ion:162 Resp: 239200

Ion Ratio Lower Upper

162 100

164 67.4 53.5 80.3

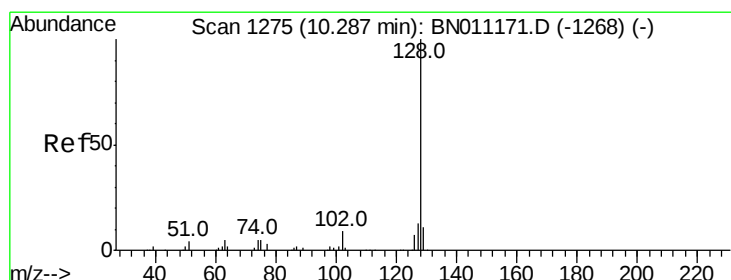
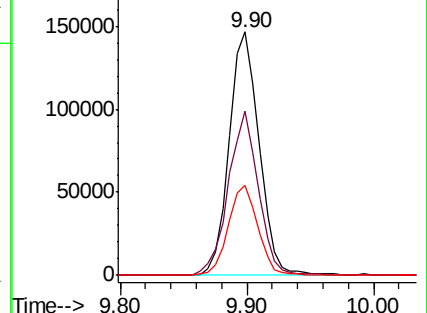
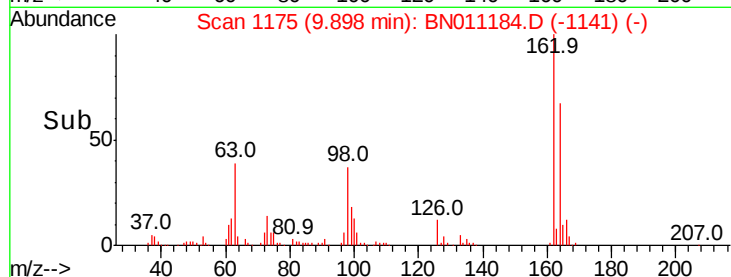
98 36.8 28.5 42.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNO



#28

Naphthalene

Concen: 18.361 ng/ul

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

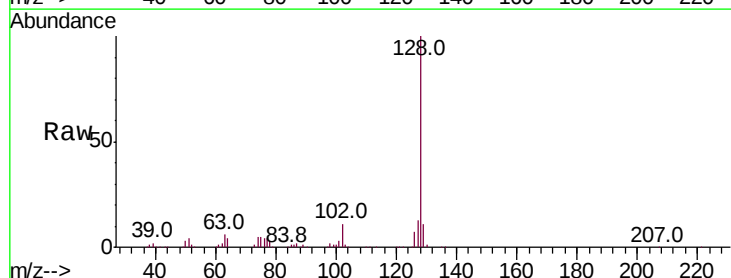
Tgt Ion:128 Resp: 772927

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

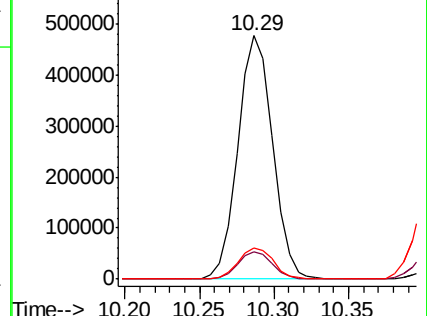
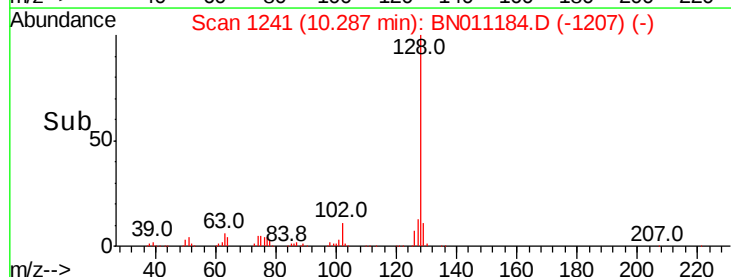
127 12.8 10.1 15.1

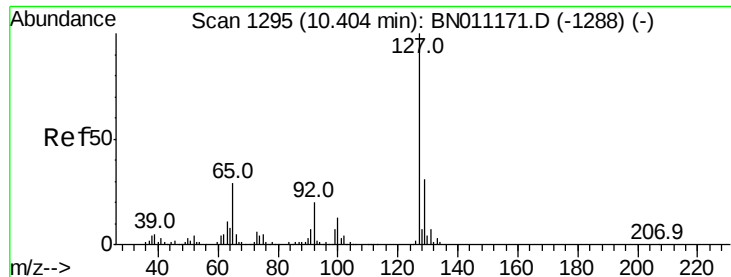


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

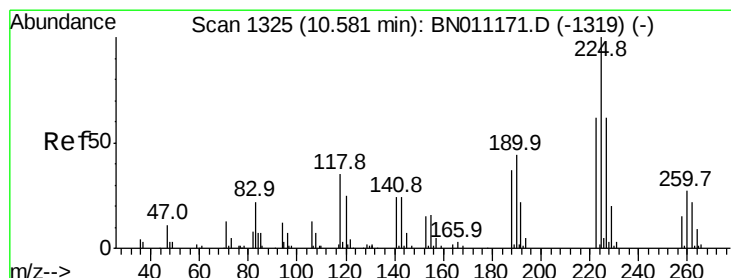
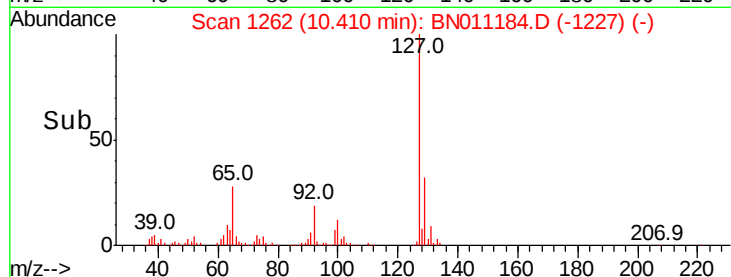
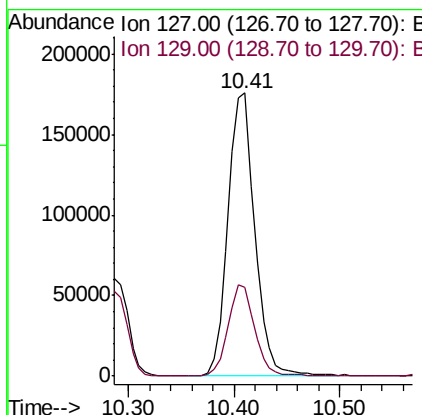
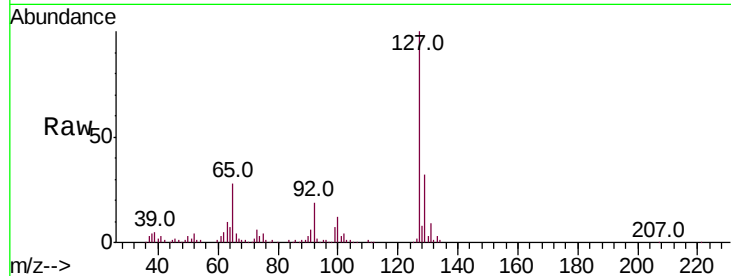




#30
4-Chloroaniline
Concen: 23.401 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

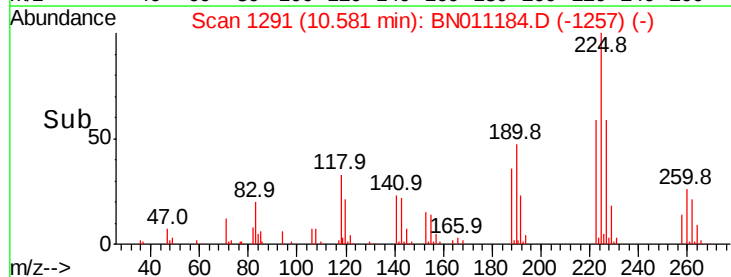
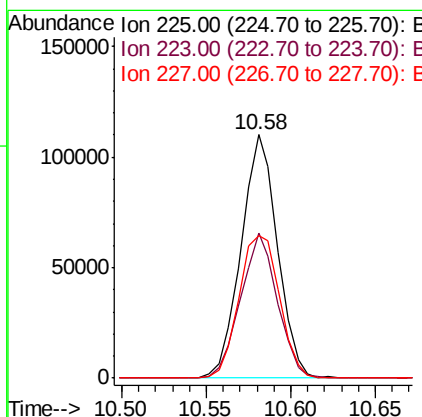
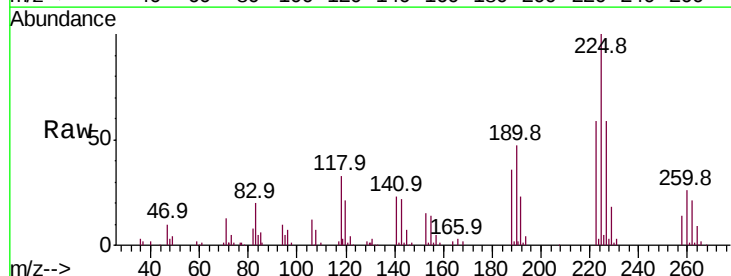
Instrument :
BNA_N
ClientSampleId :
SSTD02059

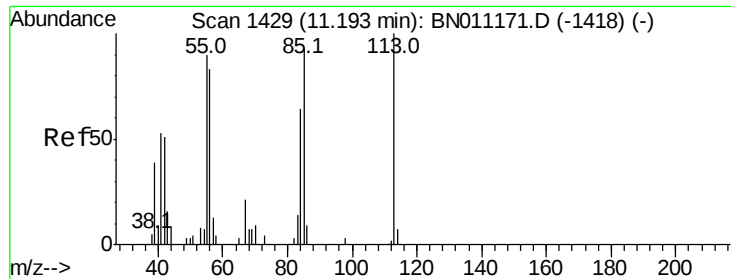
Tot Ion:127 Resp: 309411
Ion Ratio Lower Upper
127 100
129 31.5 25.0 37.6



#31
Hexachlorobutadiene
Concen: 19.009 ng/ul
RT: 10.58 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Tgt Ion:225 Resp: 164877
Ion Ratio Lower Upper
225 100
223 59.4 49.4 74.0
227 58.6 49.8 74.8





#32

Caprolactam

Concen: 11.078 ng/ul

RT: 11.19 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

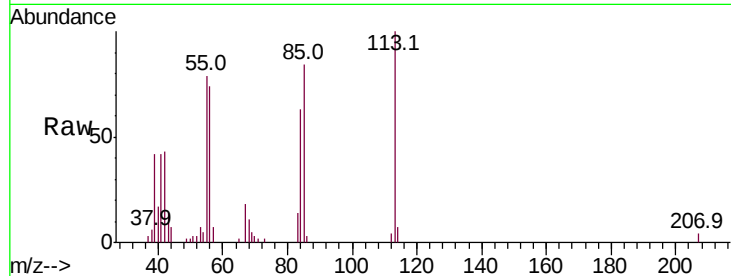
Tot Ion:113 Resp: 37274

Ion Ratio Lower Upper

113 100

55 78.9 72.4 108.6

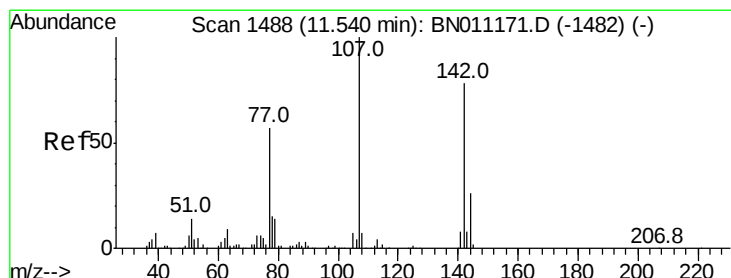
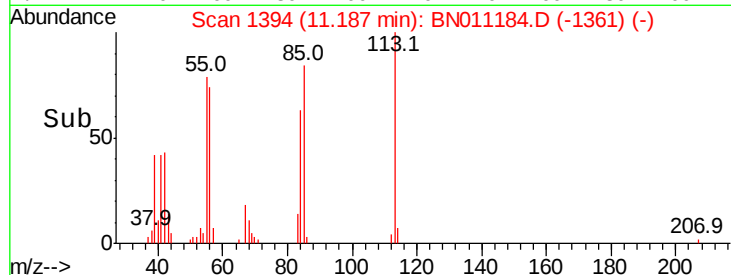
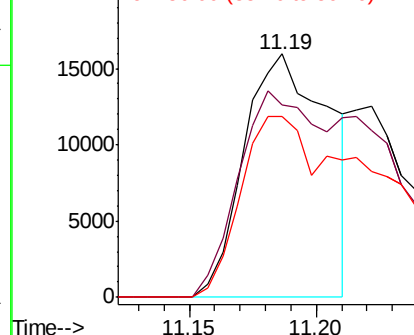
56 74.2 66.6 100.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 18.970 ng/ul

RT: 11.54 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

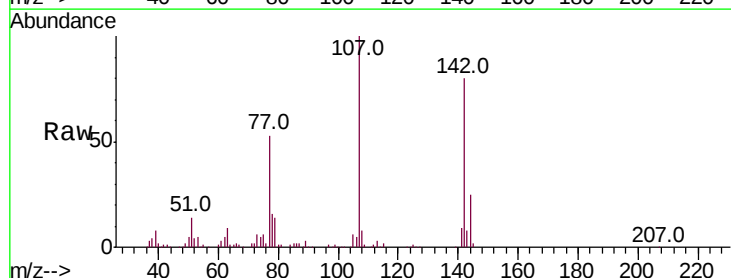
Tgt Ion:107 Resp: 254907

Ion Ratio Lower Upper

107 100

144 25.2 21.2 31.8

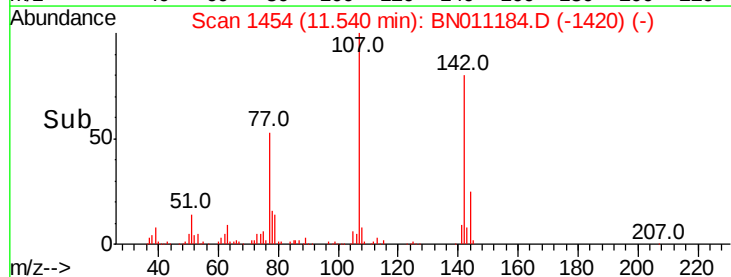
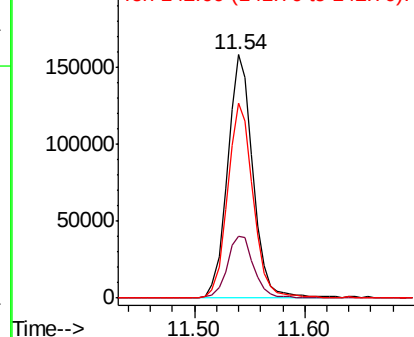
142 80.2 62.1 93.1

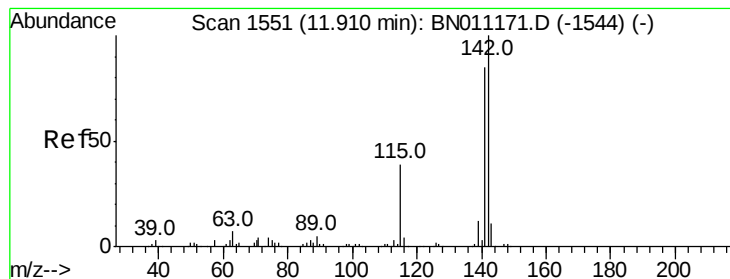


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 18.524 ng/ul

RT: 11.91 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

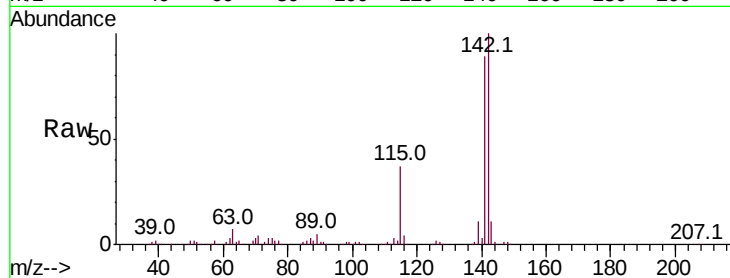
SSTD02059

Tot Ion:142 Resp: 565473

Ion Ratio Lower Upper

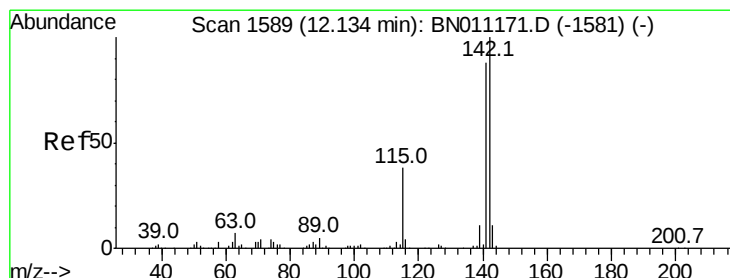
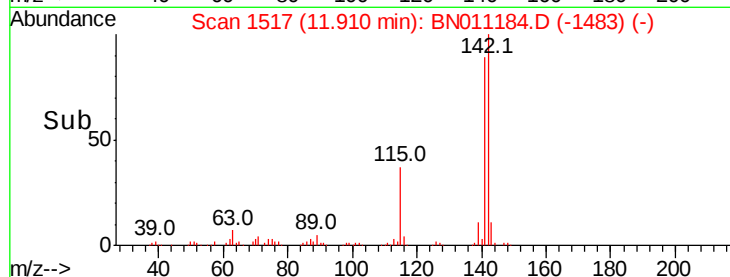
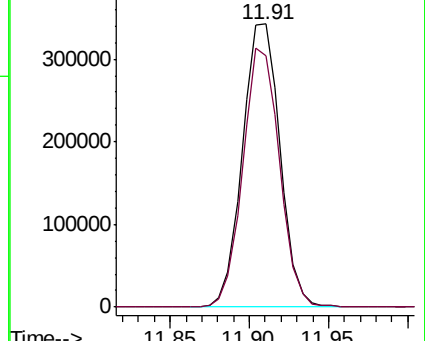
142 100

141 88.8 68.1 102.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 18.479 ng/uL

RT: 12.13 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

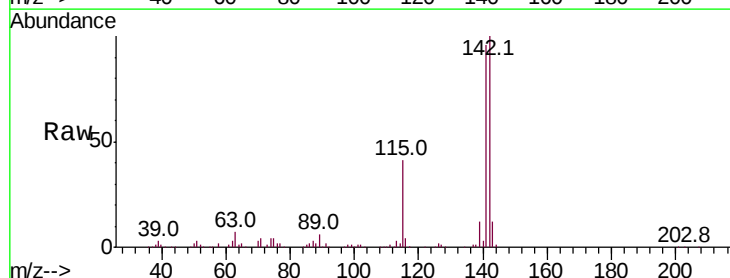
Tgt Ion:142 Resp: 524071

Ion Ratio Lower Upper

142 100

141 93.1 73.0 109.6

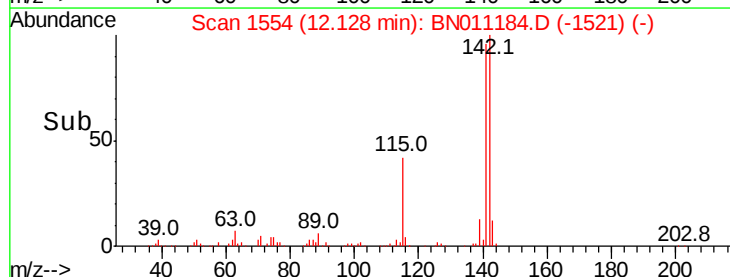
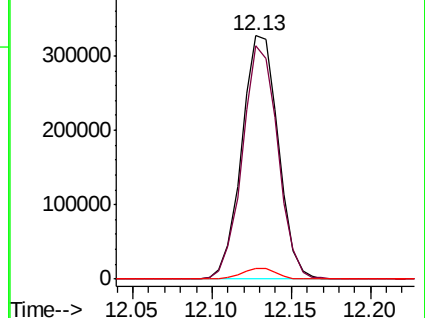
116 4.2 3.4 5.2

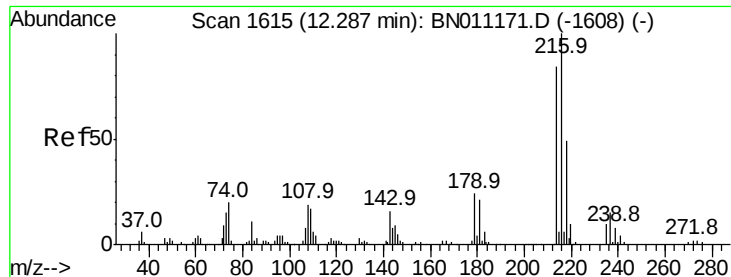


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

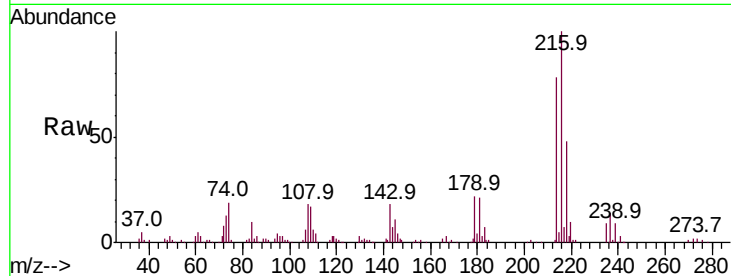




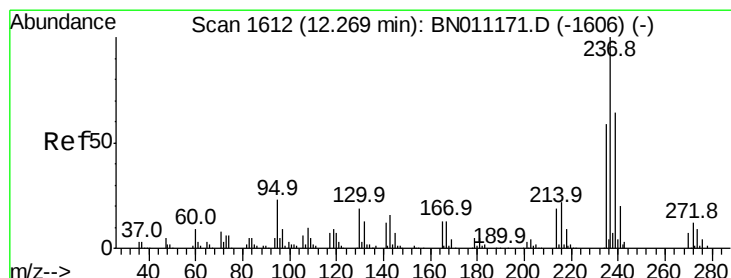
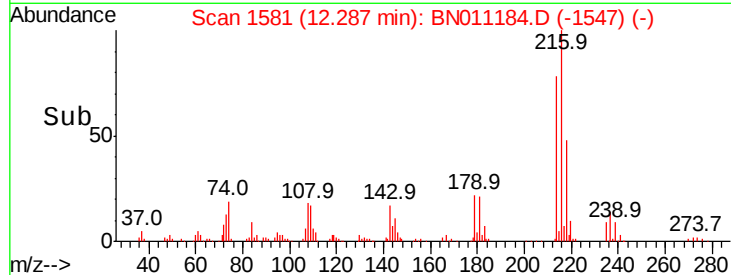
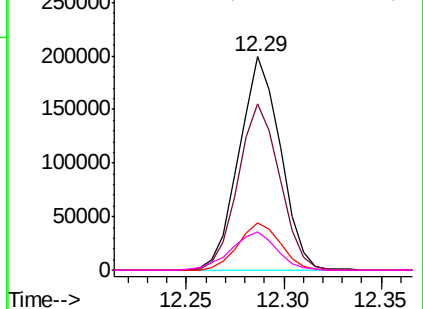
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.097 ng/ul
 RT: 12.29 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BN011184.D
 Acq: 15 Jul 2020 20:02

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02059

Tot Ion:	216	Resp:	294487
Ion	Ratio	Lower	Upper
216	100		
214	77.6	66.8	100.2
179	22.5	19.0	28.4
108	18.1	15.1	22.7

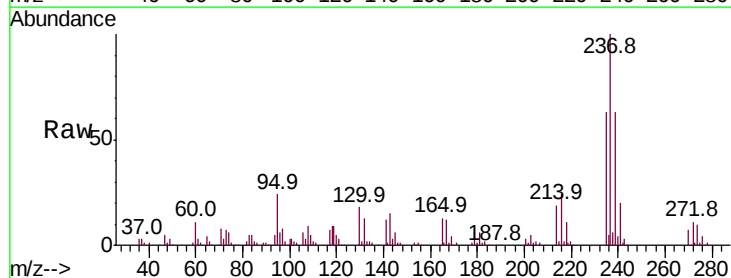


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

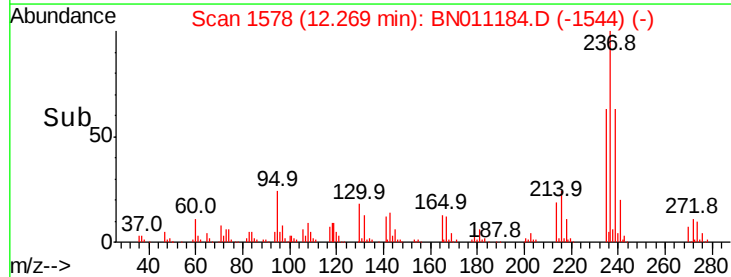
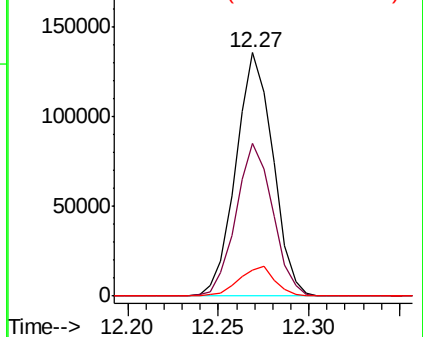


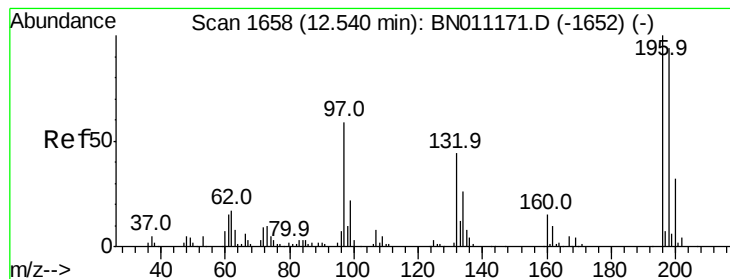
#38
 Hexachlorocyclopentadiene
 Concen: 19.297 ng/ul
 RT: 12.27 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BN011184.D
 Acq: 15 Jul 2020 20:02

Tgt Ion:	237	Resp:	193481
Ion	Ratio	Lower	Upper
237	100		
235	62.9	47.3	70.9
272	11.3	9.8	14.6



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

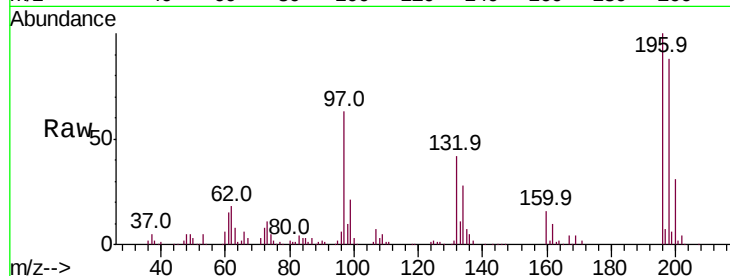




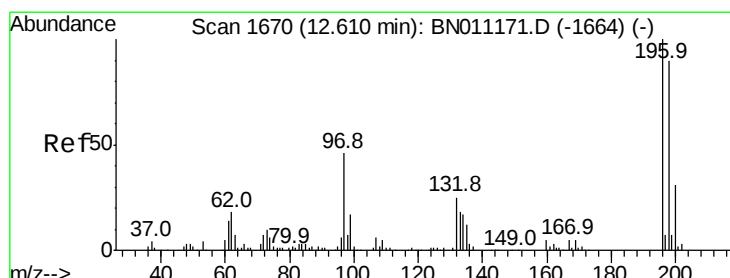
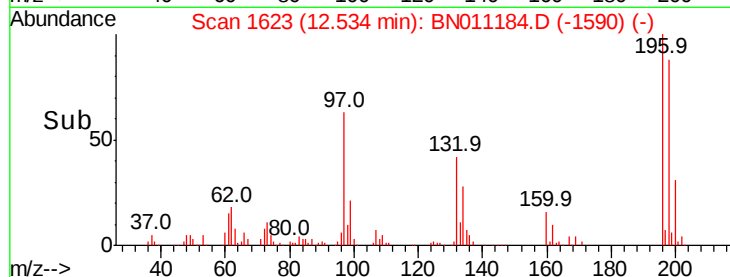
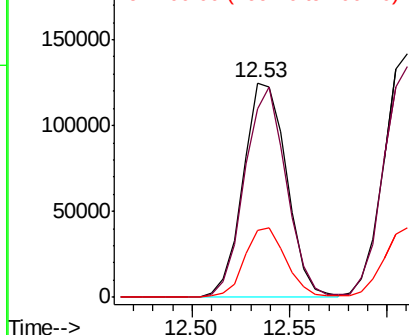
#39
 2,4,6-Trichlorophenol
 Concen: 18.616 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BN011184.D
 Acq: 15 Jul 2020 20:02

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02059

Tot Ion	196	Resp	192796
Ion Ratio	100		
Lower	75.7		
Upper	113.5		
198	88.2		
200	31.5		

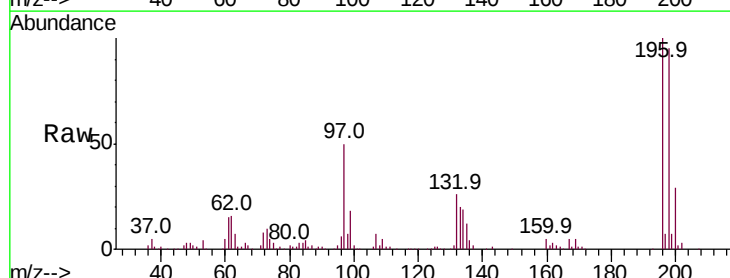


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

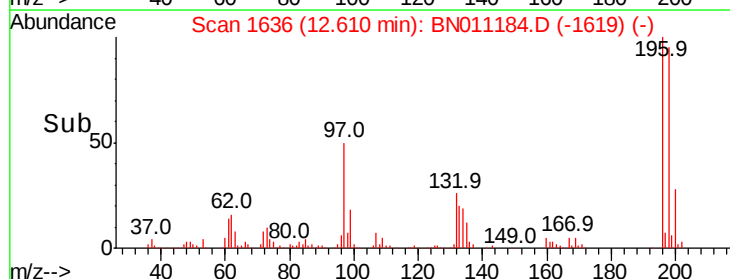
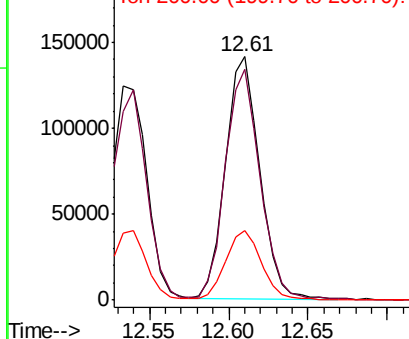


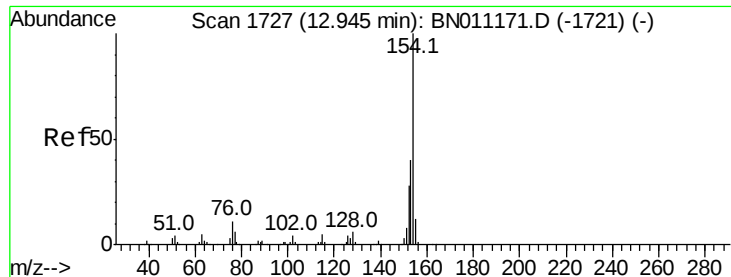
#40
 2,4,5-Trichlorophenol
 Concen: 18.169 ng/ul
 RT: 12.61 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BN011184.D
 Acq: 15 Jul 2020 20:02

Tgt Ion	196	Resp	210807
Ion Ratio	100		
Lower	71.5		
Upper	107.3		
198	94.8		
200	28.6		



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#41

1,1'-Biphenyl

Concen: 18.887 ng/ul

RT: 12.95 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

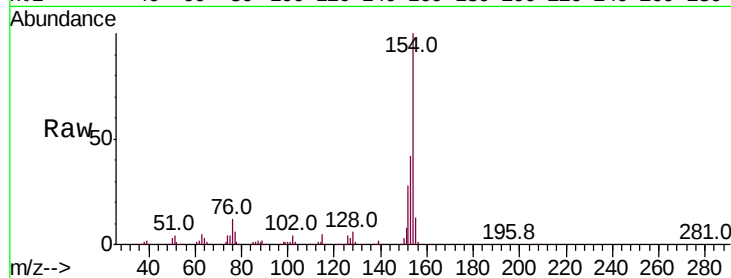
Tot Ion:154 Resp: 762117

Ion Ratio Lower Upper

154 100

153 41.6 32.4 48.6

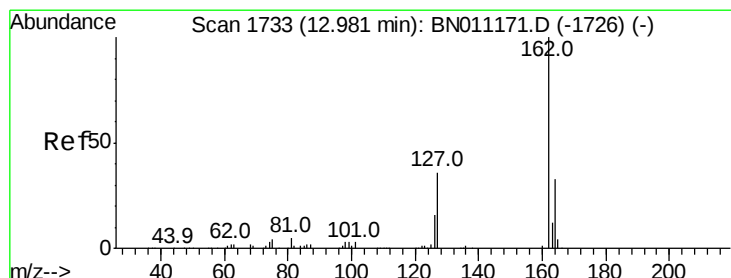
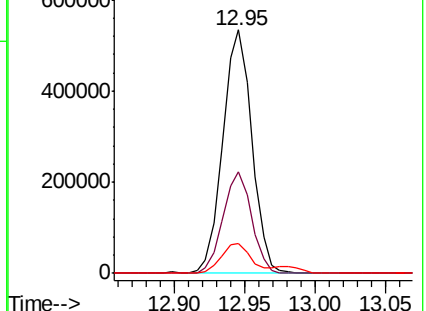
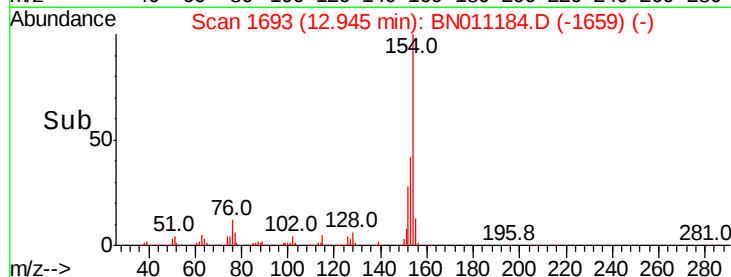
76 12.1 9.1 13.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNO



#42

2-Chloronaphthalene

Concen: 18.901 ng/ul

RT: 12.98 min Scan# 1699

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

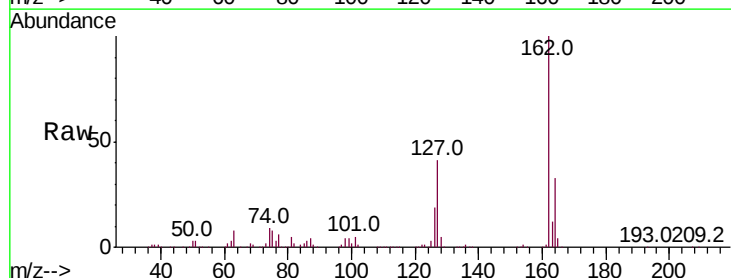
Tgt Ion:162 Resp: 605104

Ion Ratio Lower Upper

162 100

164 32.9 26.1 39.1

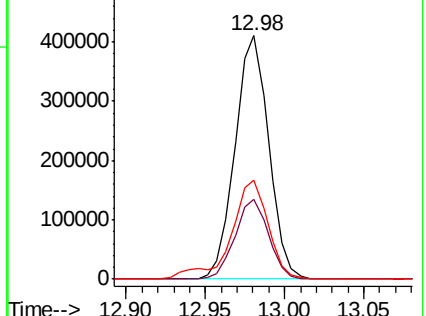
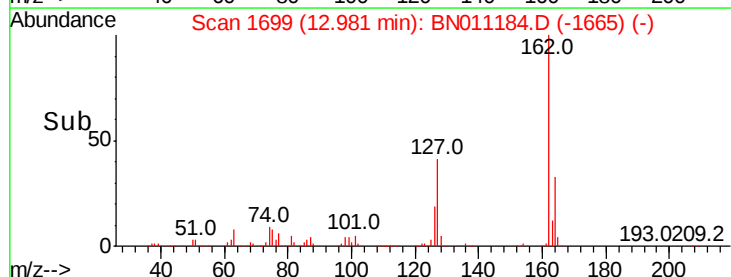
127 40.7 31.9 47.9

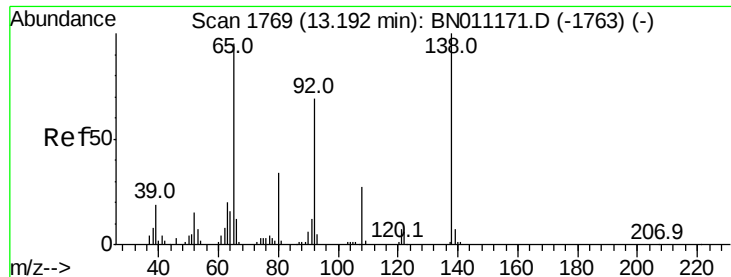


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 18.016 ng/ul

RT: 13.19 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

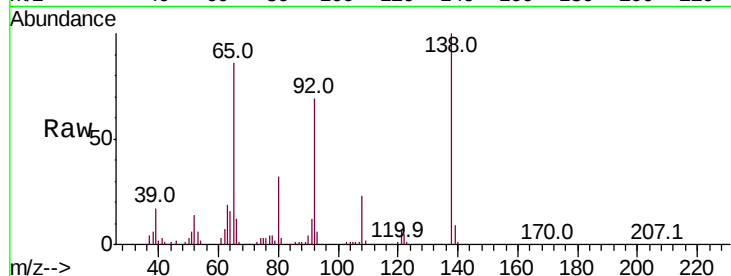
Tot Ion: 65 Resp: 146042

Ion Ratio Lower Upper

65 100

92 79.6 58.4 87.6

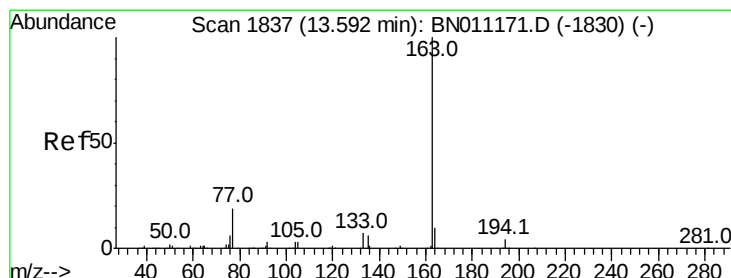
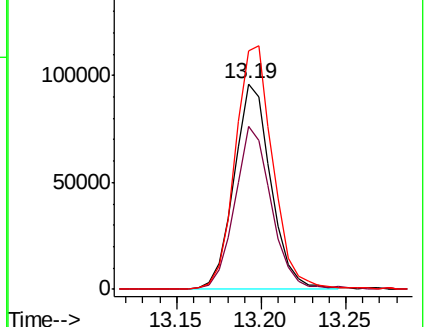
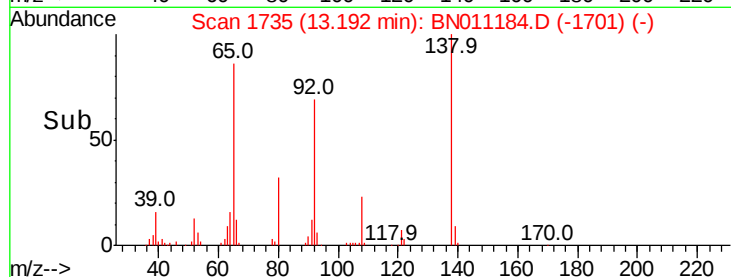
138 116.0 84.2 126.2



Abundance Ion 65.00 (64.70 to 65.70): BN011171.D (-1763) (-)

Ion 92.00 (91.70 to 92.70): BN011171.D (-1763) (-)

Ion 138.00 (137.70 to 138.70): BN011171.D (-1763) (-)



#45

Dimethylphthalate

Concen: 18.348 ng/ul

RT: 13.59 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

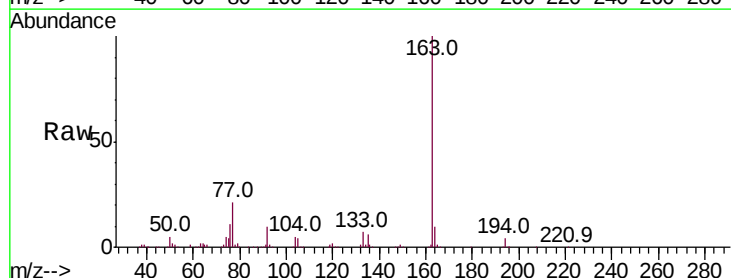
Tgt Ion:163 Resp: 746951

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

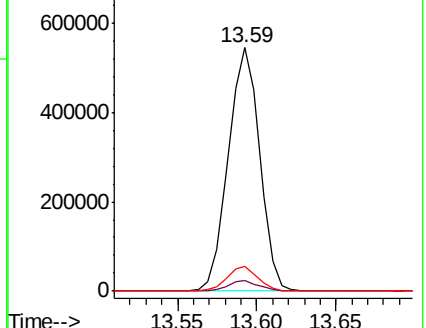
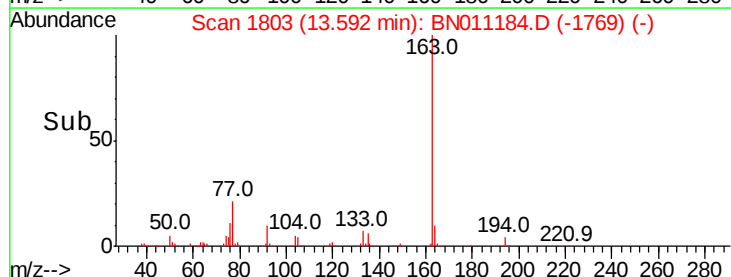
164 10.2 7.8 11.8

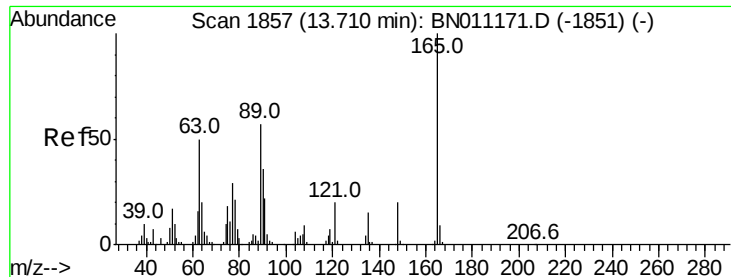


Abundance Ion 163.00 (162.70 to 163.70): BN011171.D (-1830) (-)

Ion 194.00 (193.70 to 194.70): BN011171.D (-1830) (-)

Ion 164.00 (163.70 to 164.70): BN011171.D (-1830) (-)

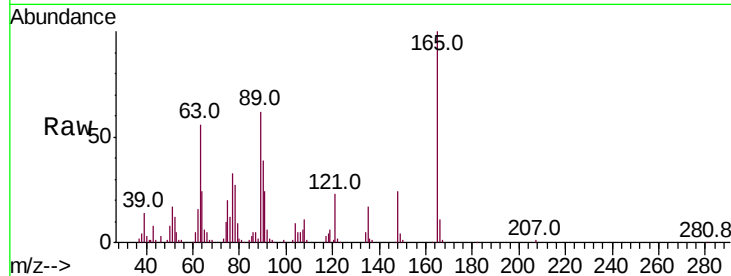




#46
2,6-Dinitrotoluene
Concen: 18.140 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tot Ion	Ratio	Lower	Upper
165	100		
89	61.7	46.2	69.4
121	22.6	16.3	24.5

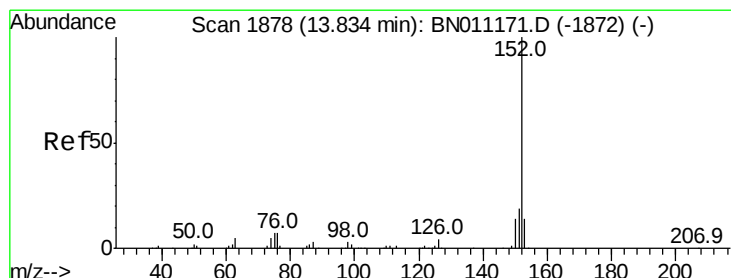
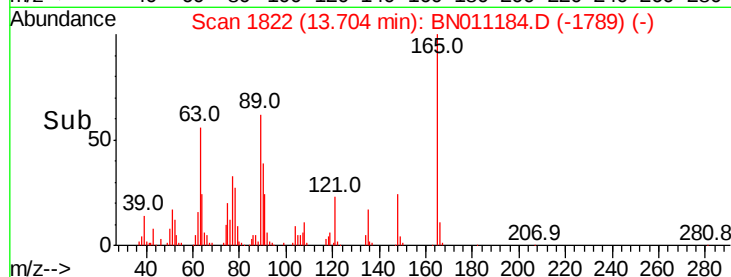
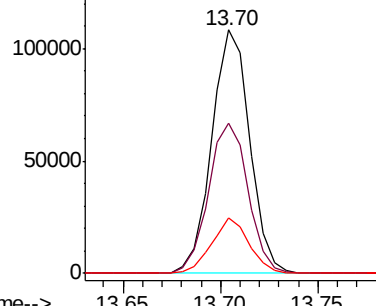


Abundance

Ion 165.00 (164.70 to 165.70): E

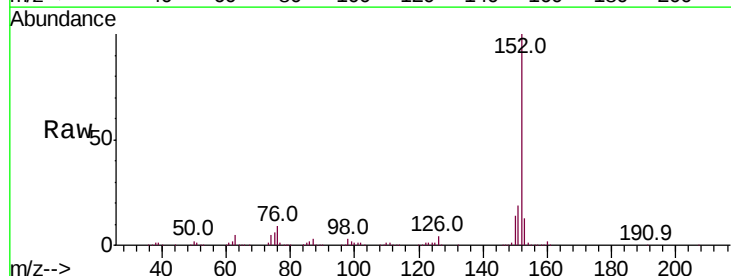
Ion 89.00 (88.70 to 89.70): B

Ion 121.00 (120.70 to 121.70): E



#48
Acenaphthylene
Concen: 18.599 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9
153	12.7	11.1	16.7

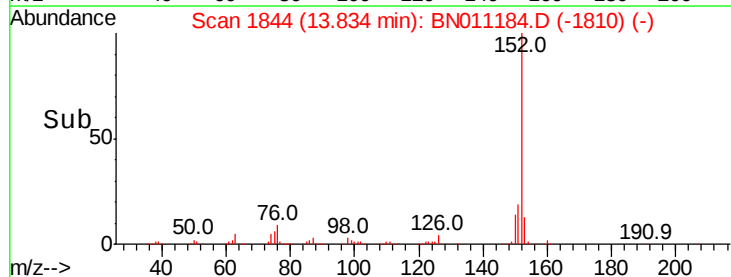
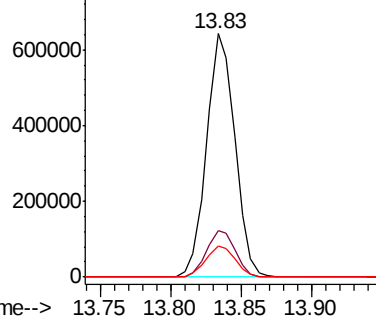


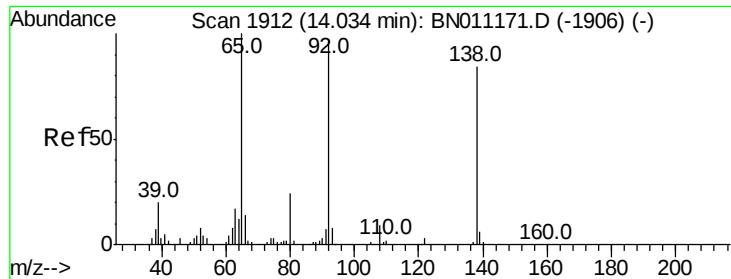
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

3-Nitroaniline

Concen: 19.792 ng/ul

RT: 14.03 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

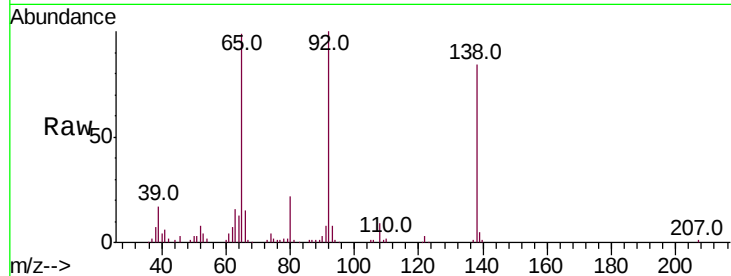
Tot Ion:138 Resp: 147341

Ion Ratio Lower Upper

138 100

108 10.2 8.8 13.2

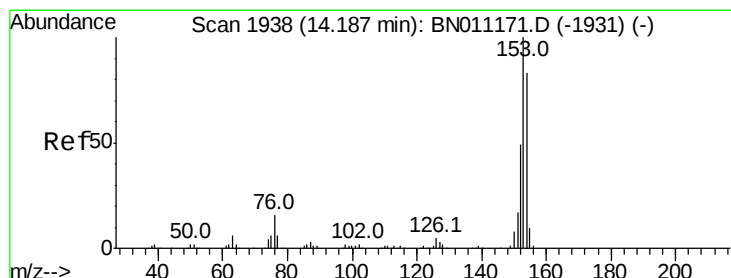
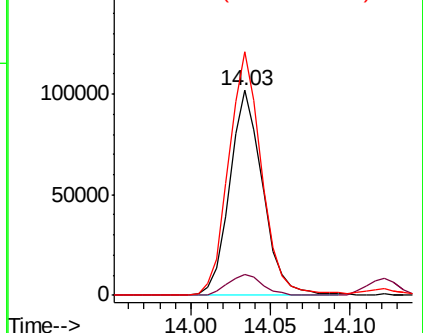
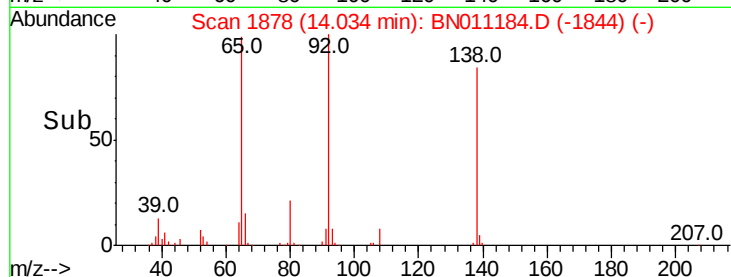
92 118.9 93.1 139.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO



#50

Acenaphthene

Concen: 18.403 ng/ul

RT: 14.19 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

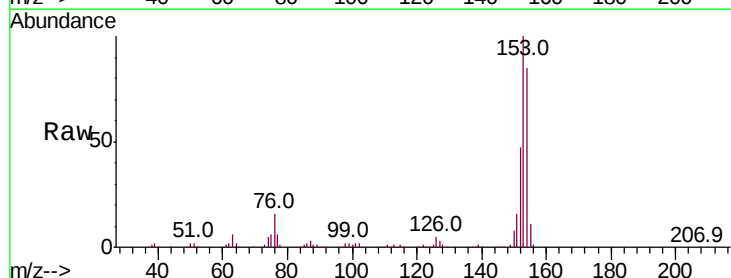
Tgt Ion:153 Resp: 624236

Ion Ratio Lower Upper

153 100

152 46.7 39.3 58.9

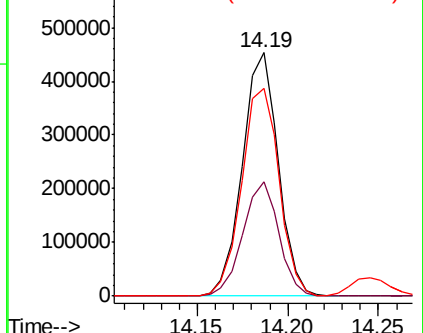
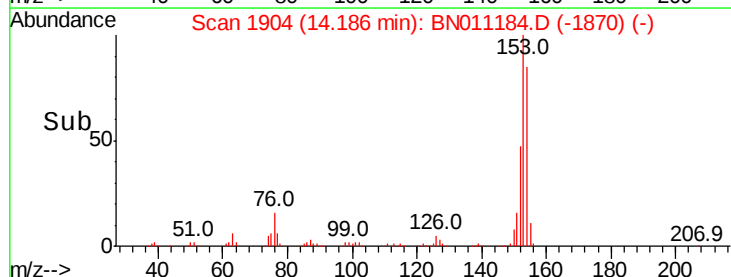
154 85.5 66.5 99.7

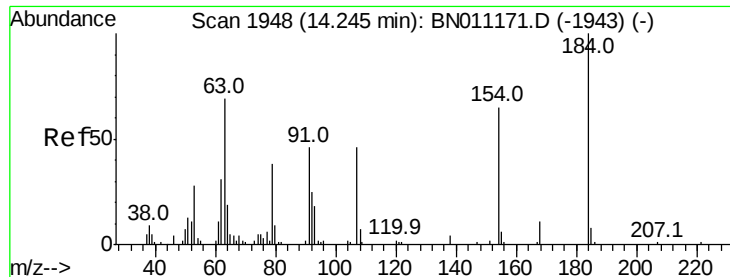


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

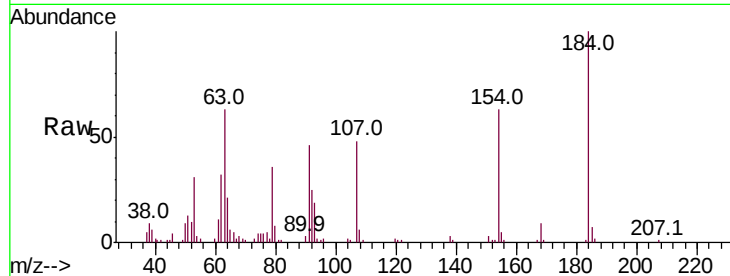




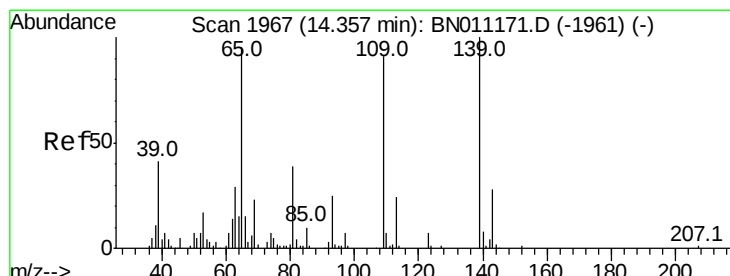
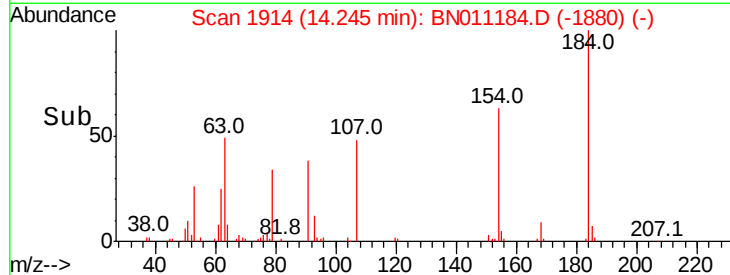
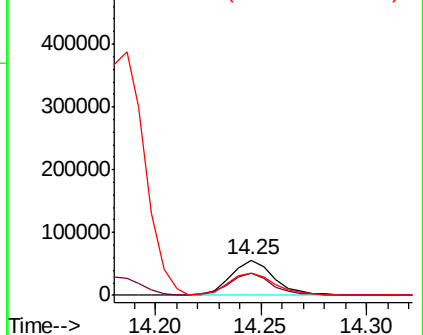
#51
 2,4-Dinitrophenol
 Concen: 17.100 ng/ul
 RT: 14.25 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BN011184.D
 Acq: 15 Jul 2020 20:02

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02059

Tot Ion:184 Resp: 79559
 Ion Ratio Lower Upper
 184 100
 63 62.8 55.6 83.4
 154 63.1 55.1 82.7

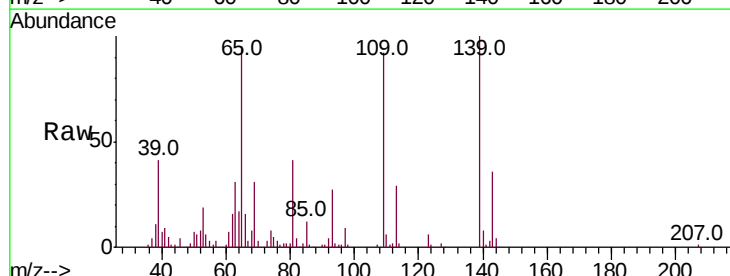


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNO
 Ion 154.00 (153.70 to 154.70): E

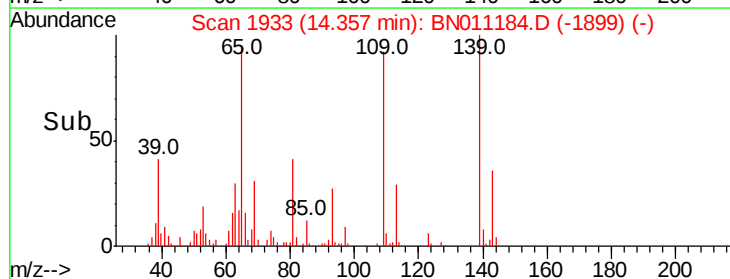
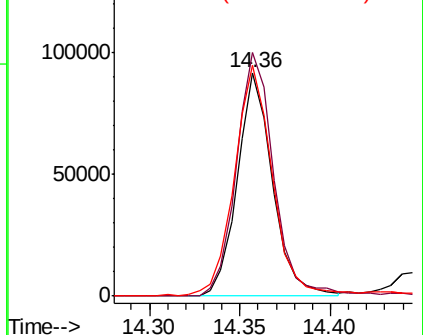


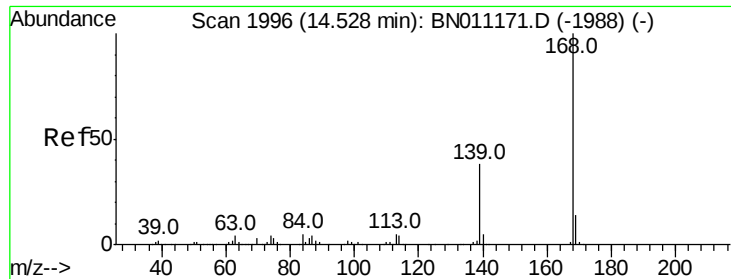
#53
 4-Nitrophenol
 Concen: 18.740 ng/ul
 RT: 14.36 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BN011184.D
 Acq: 15 Jul 2020 20:02

Tgt Ion:109 Resp: 123885
 Ion Ratio Lower Upper
 109 100
 139 108.9 87.8 131.6
 65 103.0 83.6 125.4



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





#54

Dibenzofuran

Concen: 18.516 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

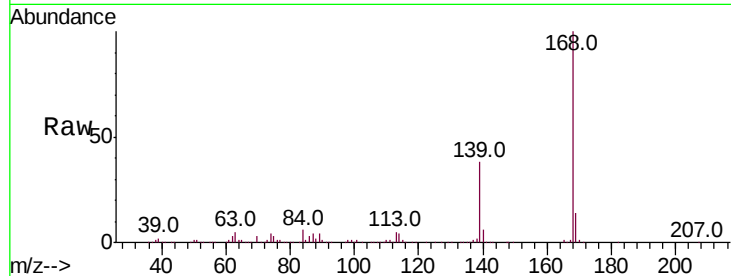
SSTD02059

Tot Ion:168 Resp: 900018

Ion Ratio Lower Upper

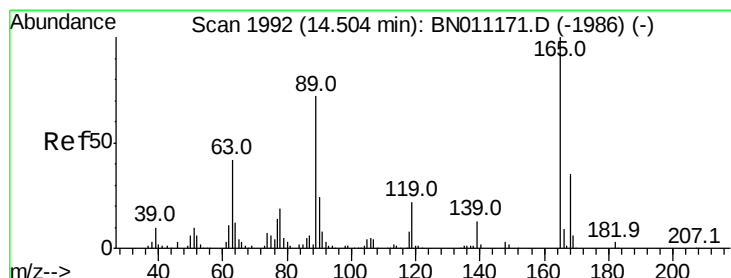
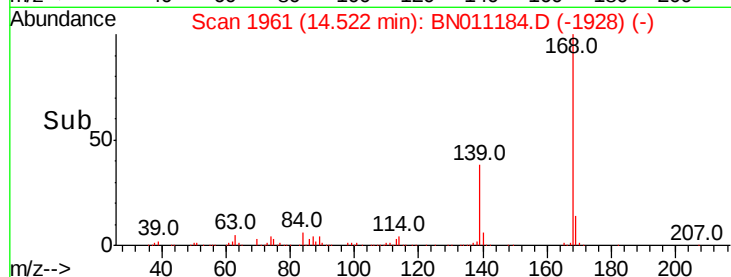
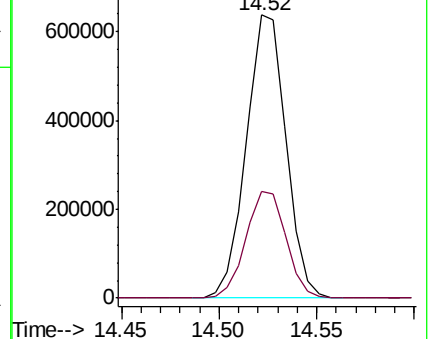
168 100

139 37.6 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 19.178 ng/ul

RT: 14.50 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

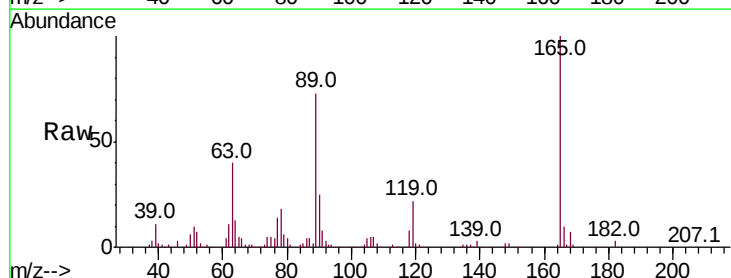
Tgt Ion:165 Resp: 225769

Ion Ratio Lower Upper

165 100

63 39.9 33.8 50.8

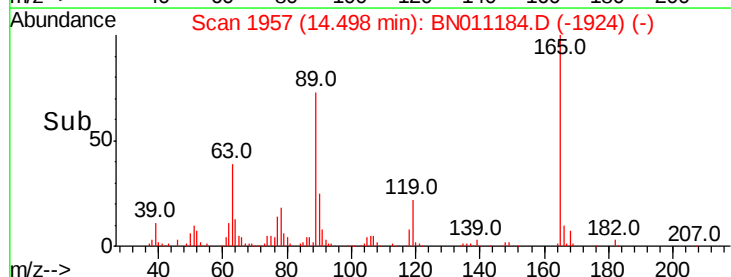
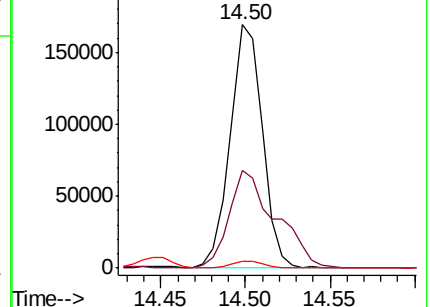
182 2.9 2.0 3.0

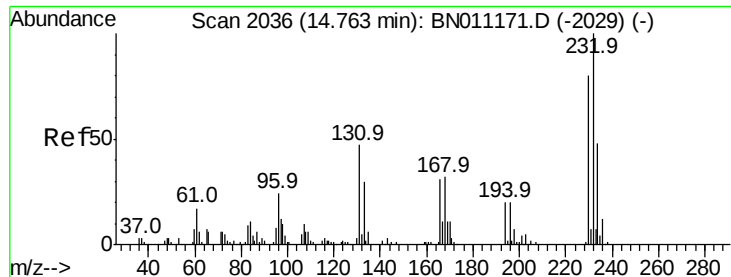


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E

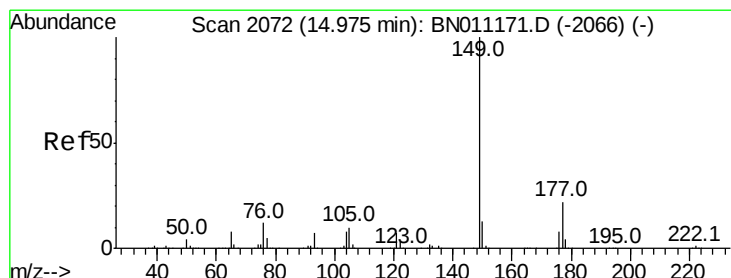
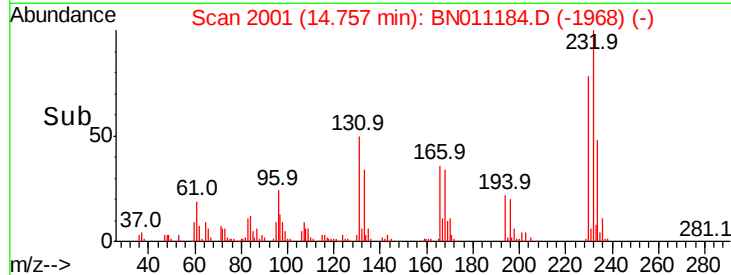
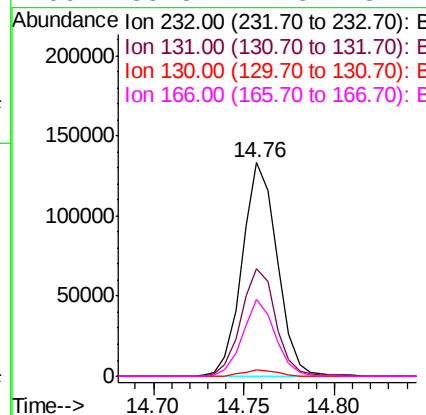
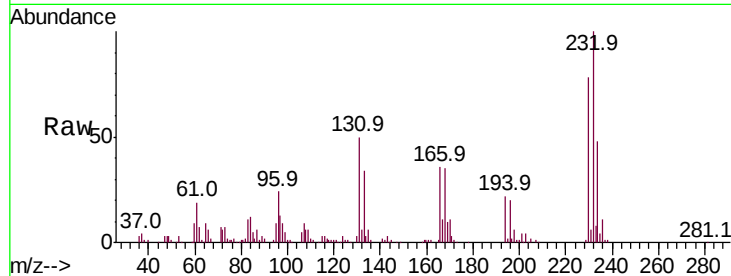




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 18.481 ng/ul
 RT: 14.76 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BN011184.D
 Acq: 15 Jul 2020 20:02

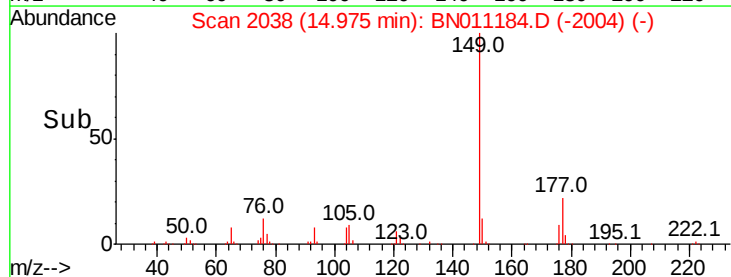
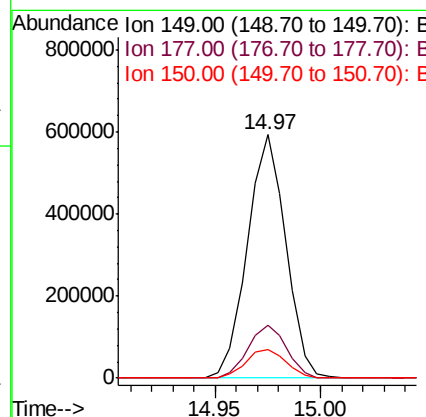
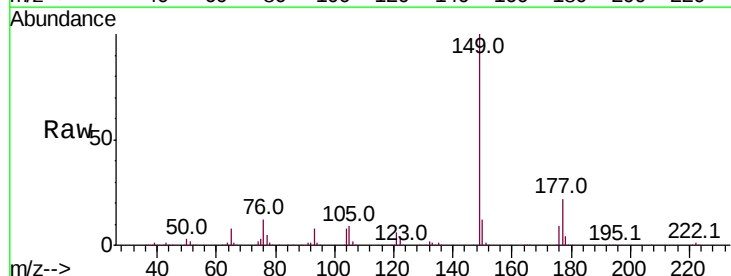
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02059

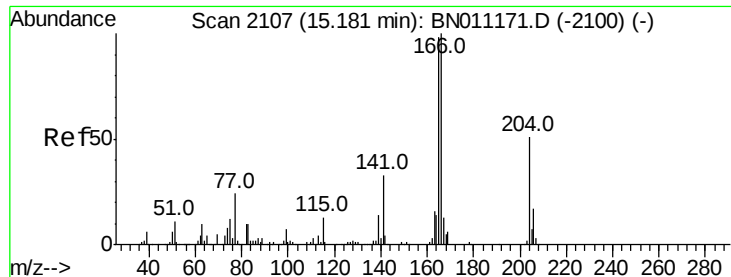
Tot Ion:	232	Resp:	179175
Ion	Ratio	Lower	Upper
232	100		
131	50.1	37.4	56.2
130	3.1	2.5	3.7
166	35.8	24.8	37.2



#57
 Diethylphthalate
 Concen: 18.670 ng/ul
 RT: 14.97 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BN011184.D
 Acq: 15 Jul 2020 20:02

Tgt Ion:	149	Resp:	748733
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	11.6	10.3	15.5





#59

Fluorene

Concen: 17.904 ng/ul

RT: 15.18 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

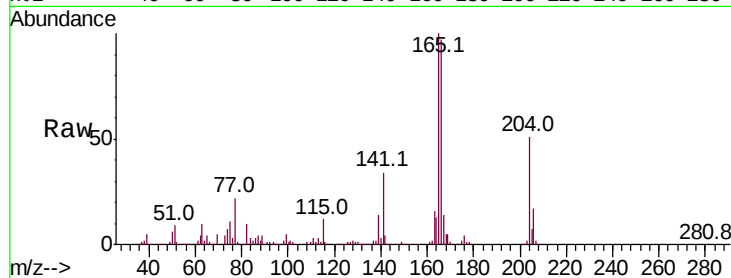
Tot Ion:166 Resp: 732908

Ion Ratio Lower Upper

166 100

165 103.0 78.2 117.4

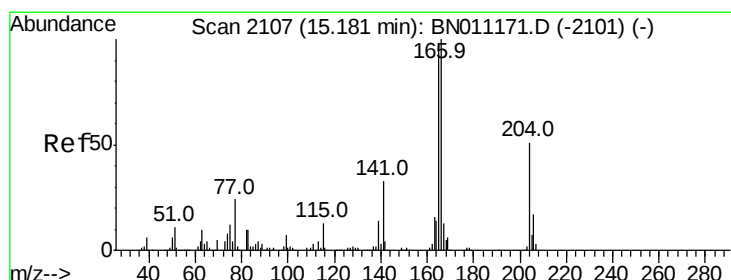
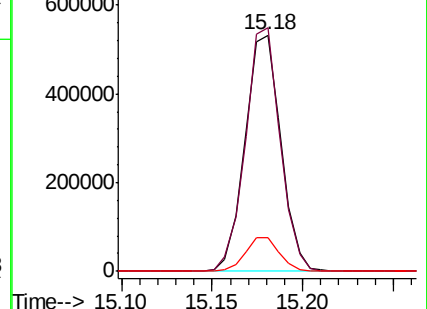
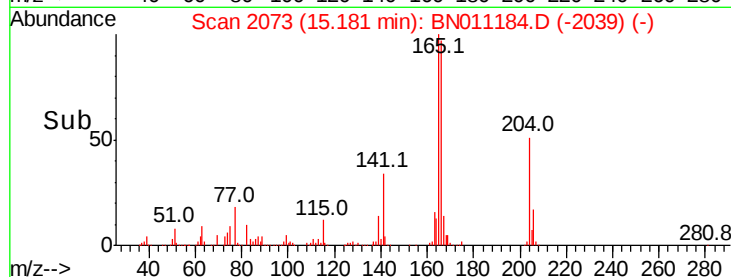
167 14.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 17.997 ng/ul

RT: 15.18 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

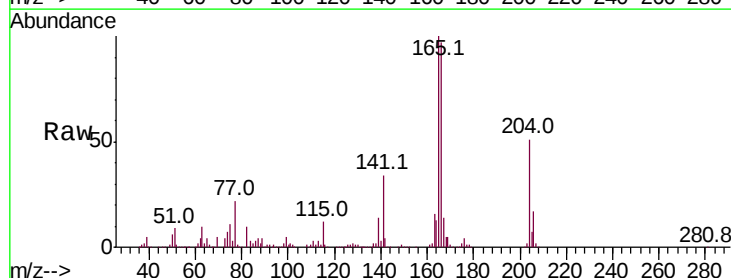
Tgt Ion:204 Resp: 368439

Ion Ratio Lower Upper

204 100

206 34.0 27.2 40.8

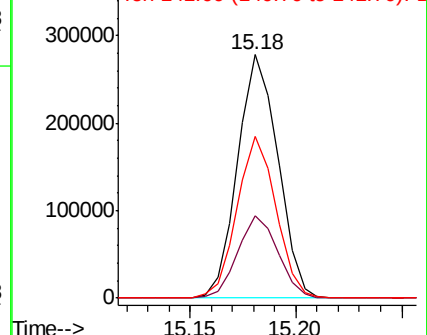
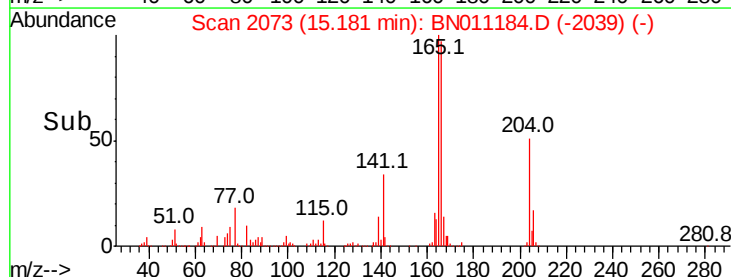
141 66.2 51.6 77.4

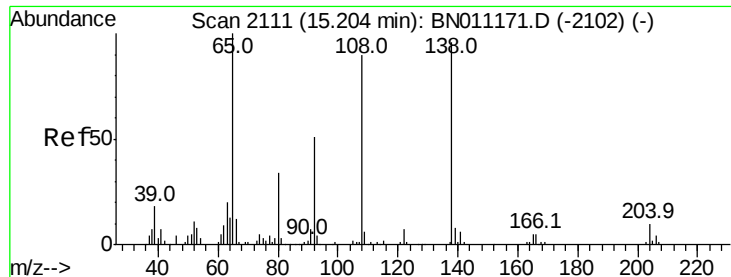


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

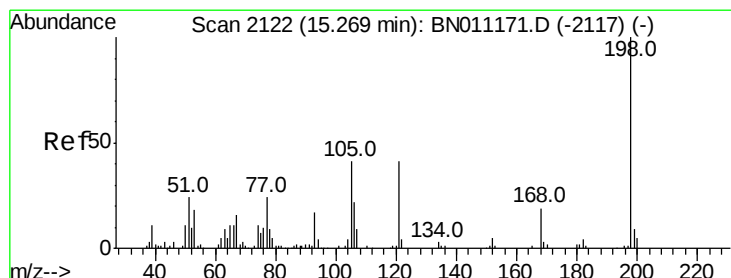
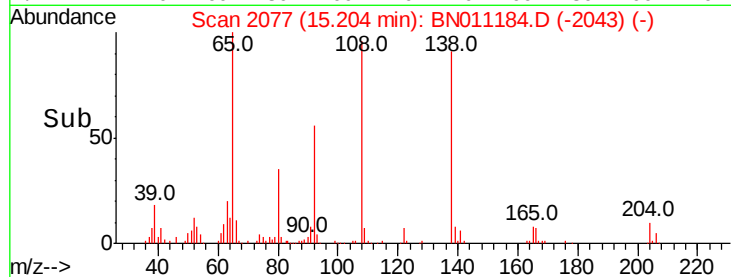
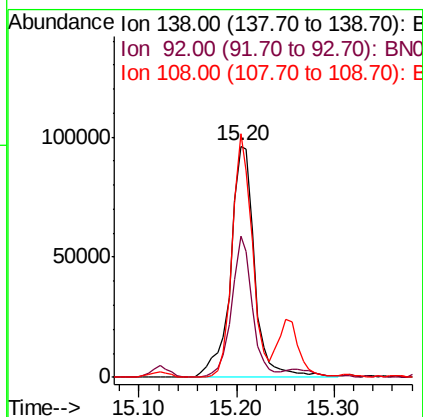
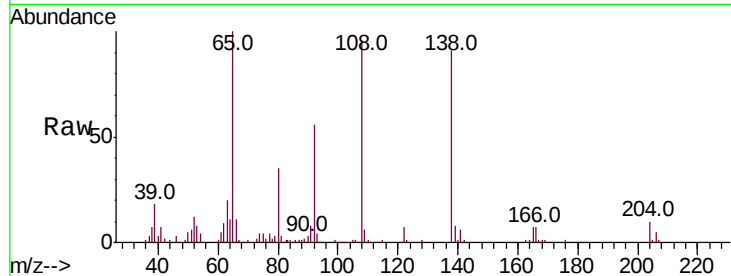




#61
4-Nitroaniline
Concen: 18.751 ng/ul
RT: 15.20 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

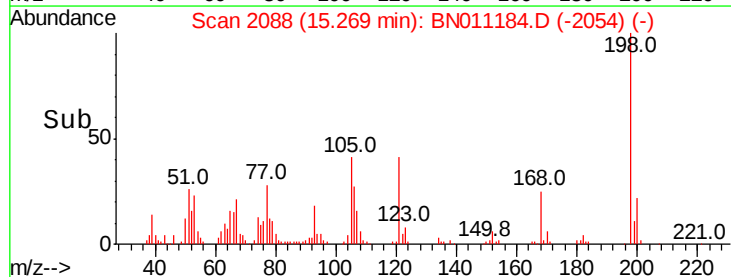
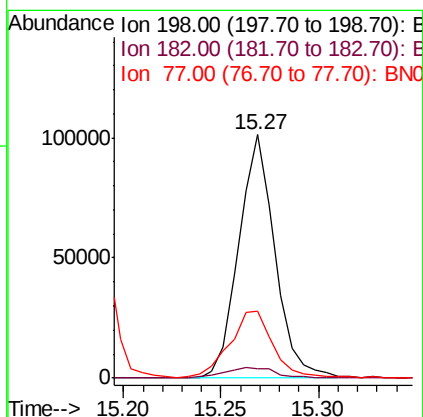
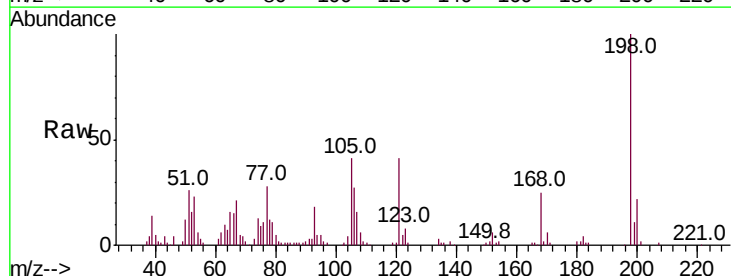
Instrument :
BNA_N
ClientSampleId :
SSTD02059

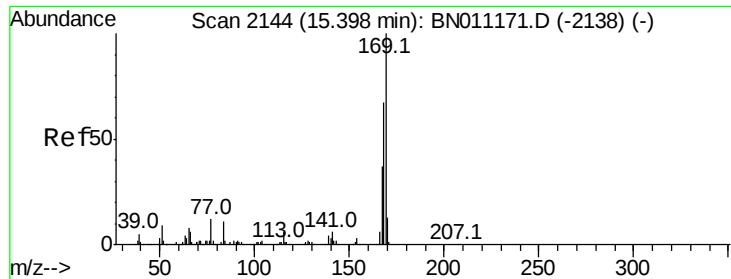
Tot Ion:138 Resp: 164823
Ion Ratio Lower Upper
138 100
92 61.4 42.4 63.6
108 105.5 75.4 113.0



#64
4,6-Dinitro-2-methylphenol
Concen: 19.041 ng/ul
RT: 15.27 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Tgt Ion:198 Resp: 130253
Ion Ratio Lower Upper
198 100
182 4.1 3.5 5.3
77 27.7 20.6 31.0

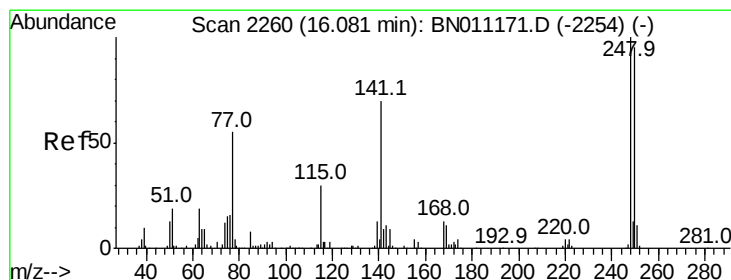
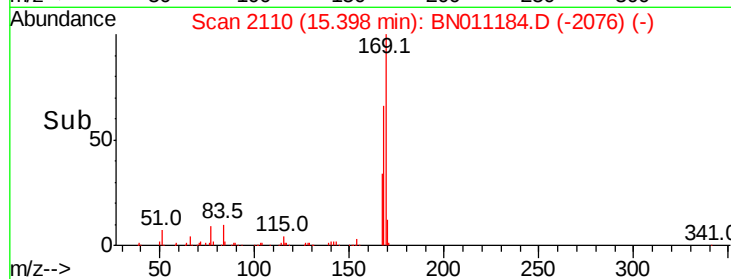
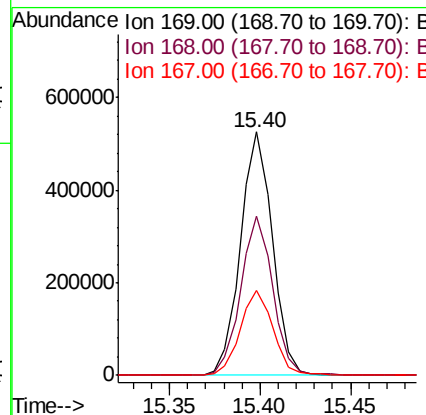
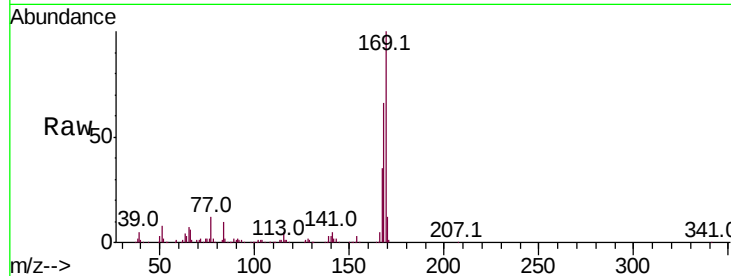




#65
N-Nitrosodiphenylamine
Concen: 19.152 ng/ul
RT: 15.40 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

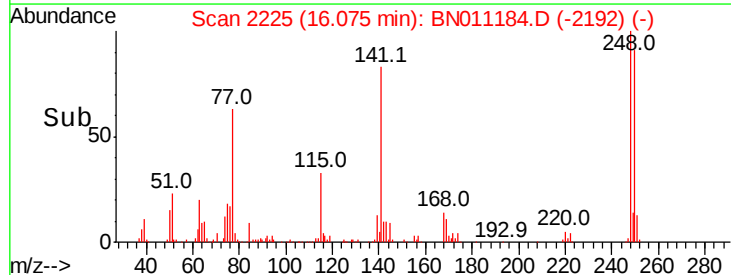
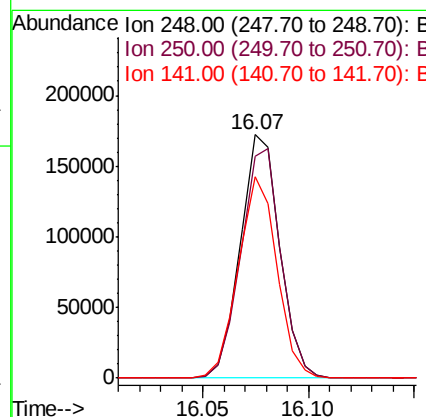
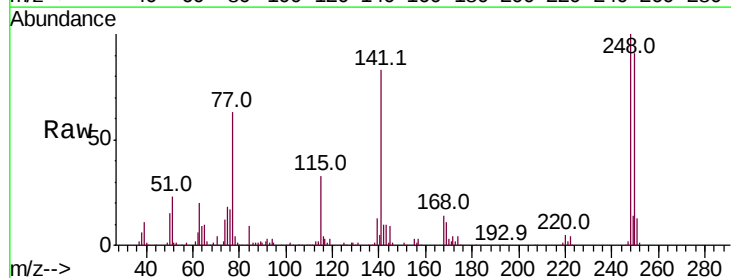
Instrument :
BNA_N
ClientSampleId :
SSTD02059

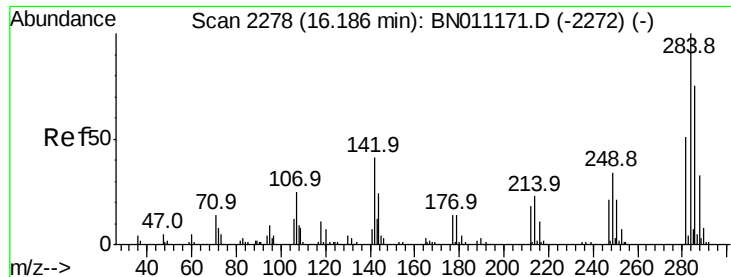
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.6	53.6	80.4
167	34.7	29.5	44.3



#66
4-Bromophenyl-phenylether
Concen: 18.799 ng/ul
RT: 16.07 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	91.0	75.8	113.6
141	82.7	55.8	83.6





#67

Hexachlorobenzene

Concen: 18.643 ng/ul

RT: 16.19 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

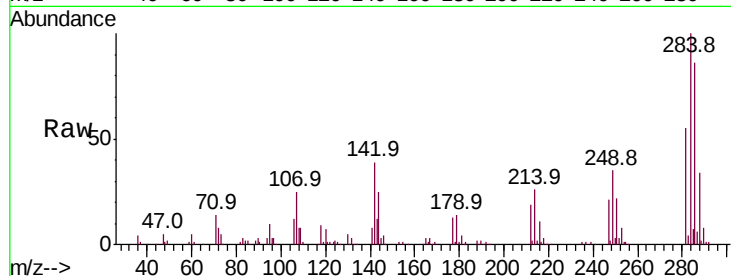
Tot Ion:284 Resp: 244851

Ion Ratio Lower Upper

284 100

142 39.2 30.6 45.8

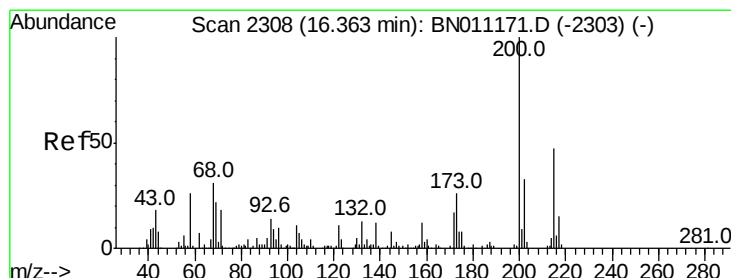
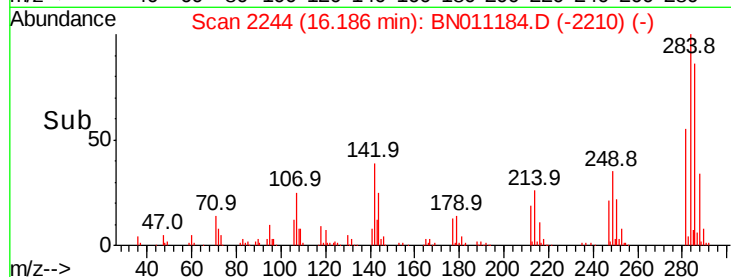
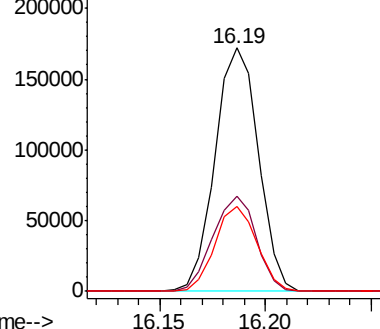
249 35.0 25.8 38.6



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 20.344 ng/ul

RT: 16.36 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

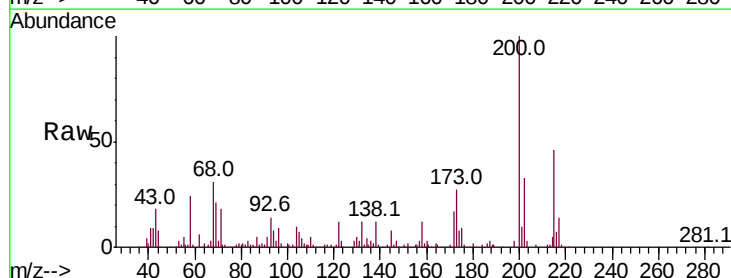
Tgt Ion:200 Resp: 233361

Ion Ratio Lower Upper

200 100

173 26.7 20.5 30.7

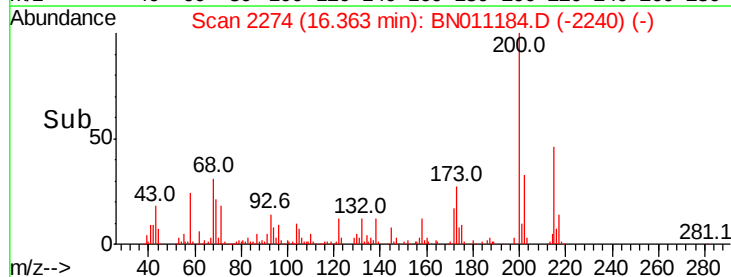
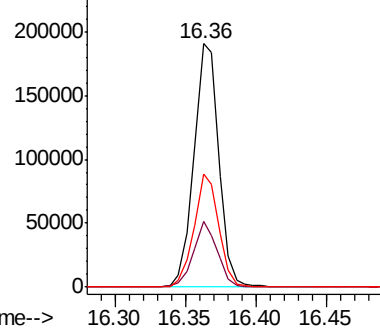
215 46.4 37.8 56.6

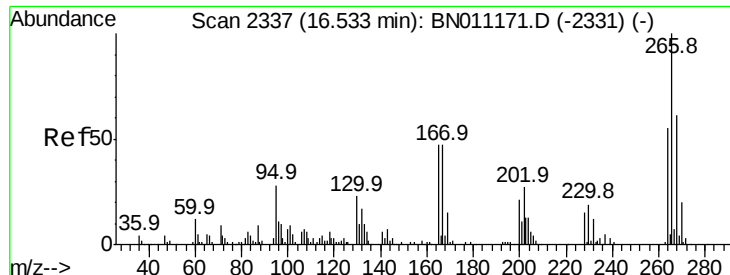


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

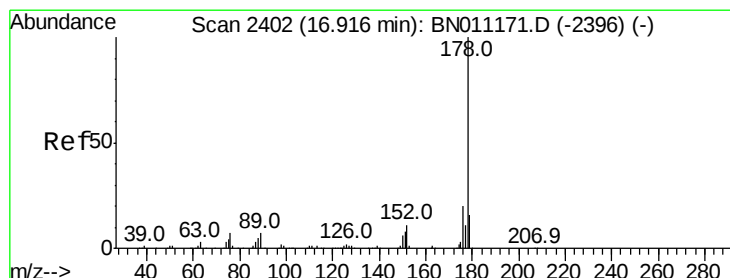
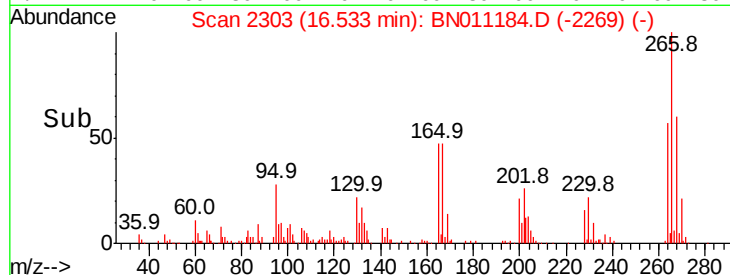
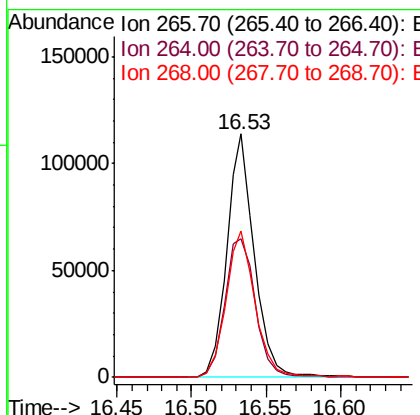
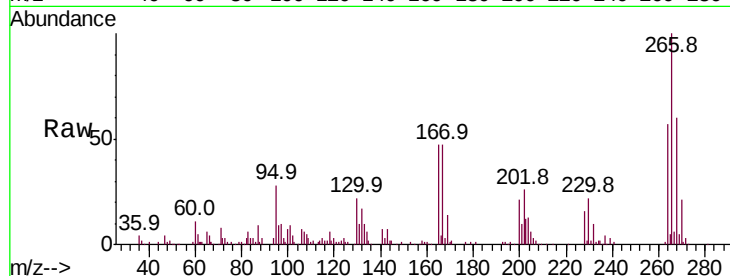




#69
 Pentachlorophenol
 Concen: 18.928 ng/ul
 RT: 16.53 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BN011184.D
 Acq: 15 Jul 2020 20:02

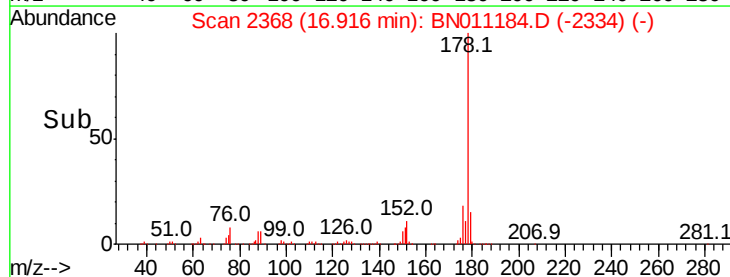
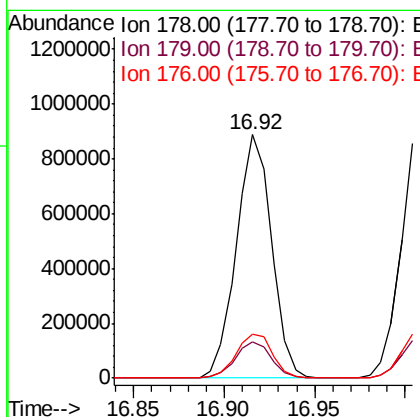
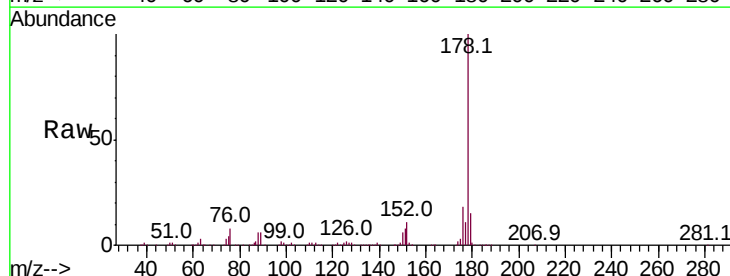
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02059

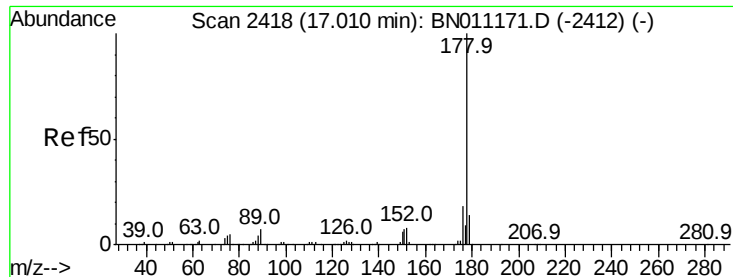
Tot Ion	Ratio	Lower	Upper
266	100		
264	57.1	44.3	66.5
268	59.9	49.0	73.4



#70
 Phenanthrene
 Concen: 18.453 ng/ul
 RT: 16.92 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: BN011184.D
 Acq: 15 Jul 2020 20:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	18.8
176	18.3	15.8	23.8





#72

Anthracene

Concen: 18.424 ng/ul

RT: 17.01 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

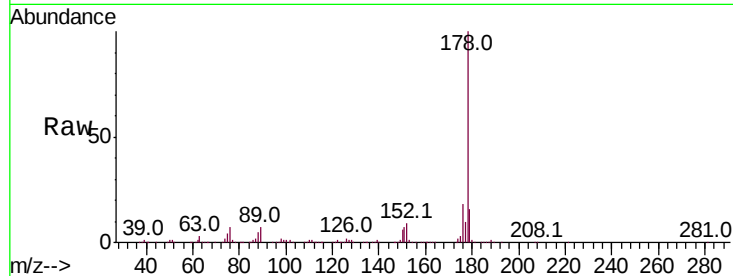
Tot Ion:178 Resp: 1219214

Ion Ratio Lower Upper

178 100

179 15.8 11.7 17.5

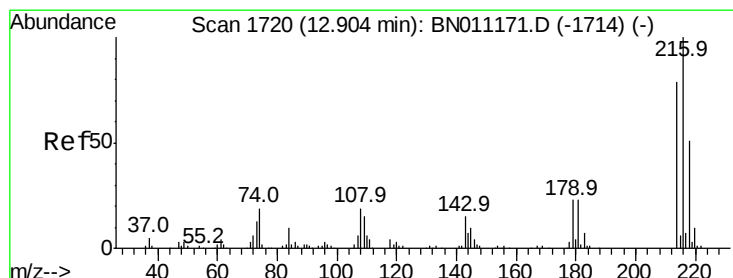
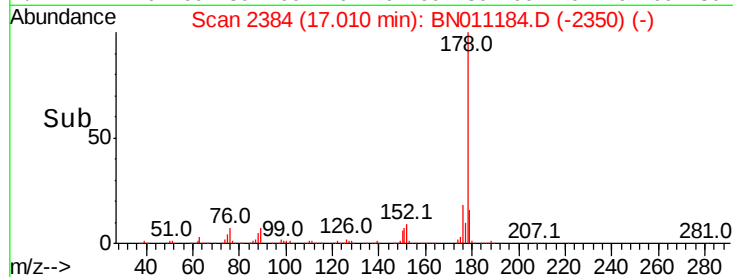
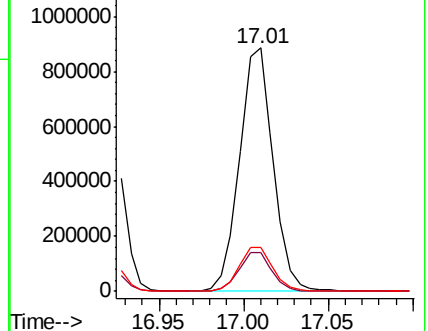
176 18.2 14.4 21.6



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 20.718 ng/uL

RT: 12.90 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

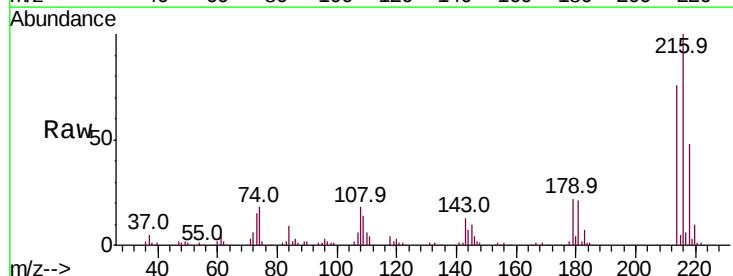
Tgt Ion:216 Resp: 328043

Ion Ratio Lower Upper

216 100

214 76.0 62.9 94.3

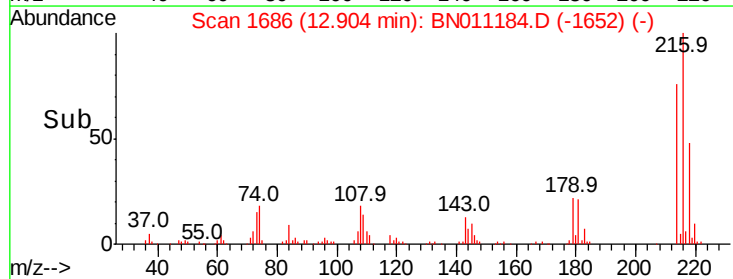
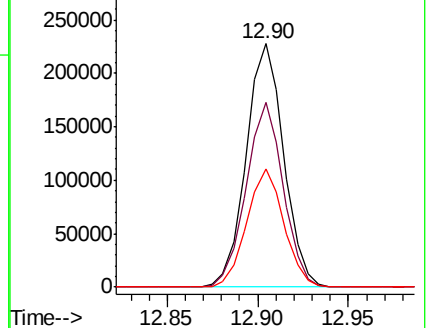
218 48.5 41.1 61.7

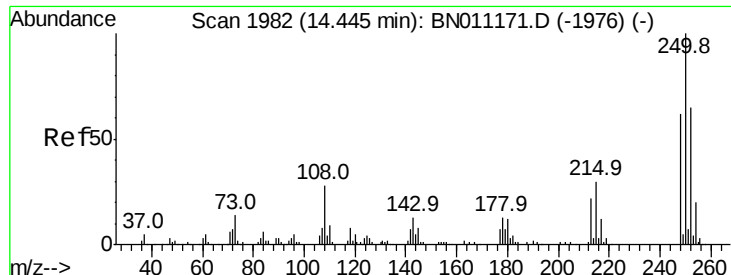


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 19.171 ng/uL

RT: 14.45 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

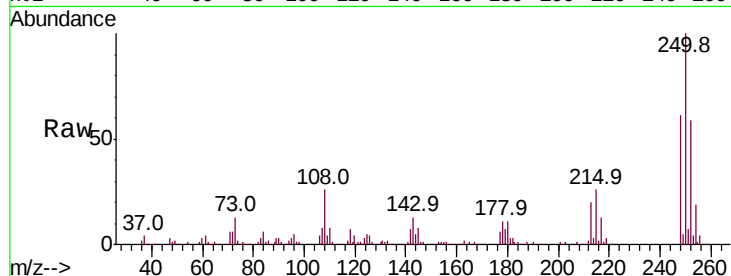
Tot Ion:250 Resp: 291398

Ion Ratio Lower Upper

250 100

248 60.7 49.6 74.4

252 59.1 51.8 77.8

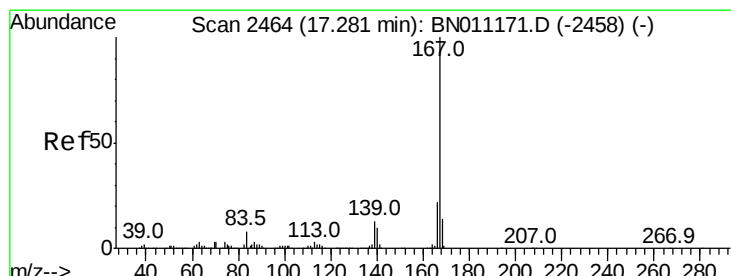
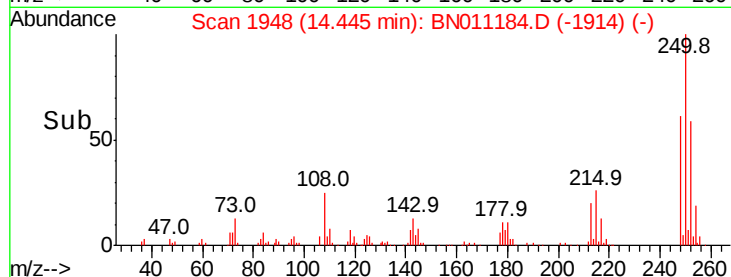
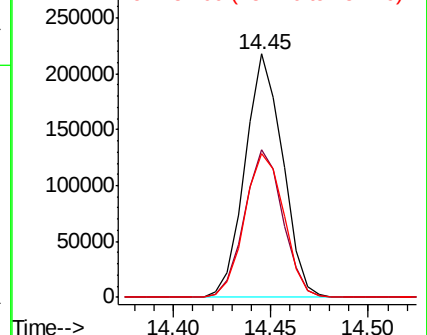


Abundance

Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 19.872 ng/uL

RT: 17.28 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

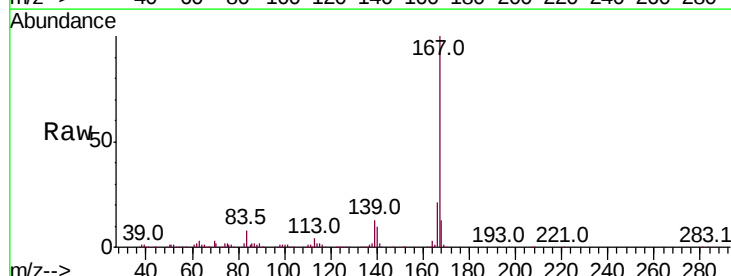
Tgt Ion:167 Resp: 1120614

Ion Ratio Lower Upper

167 100

166 20.8 17.5 26.3

139 13.1 10.7 16.1

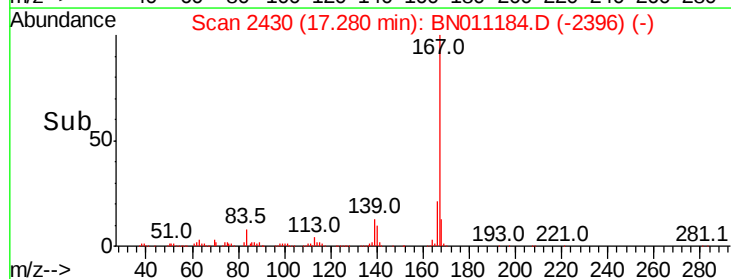
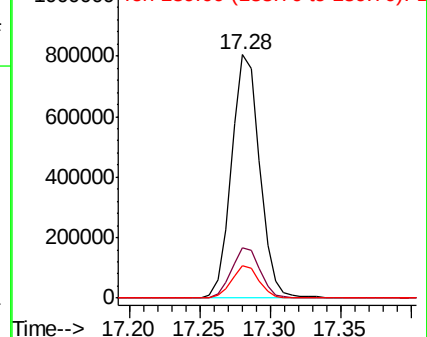


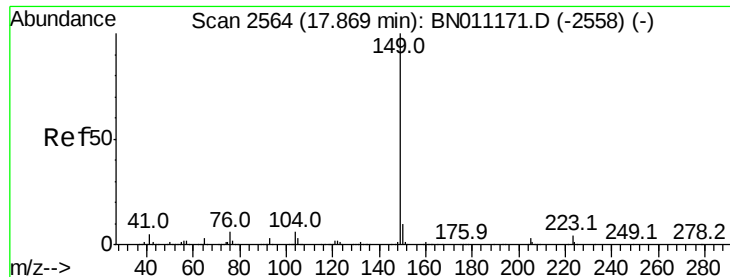
Abundance

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

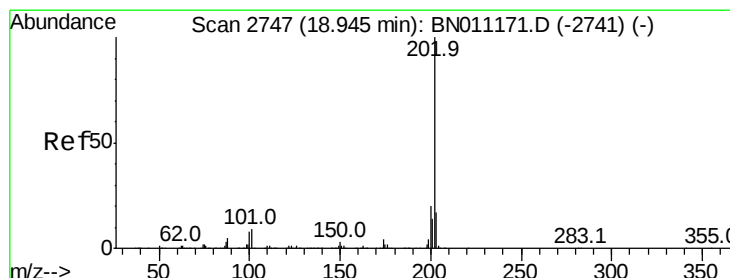
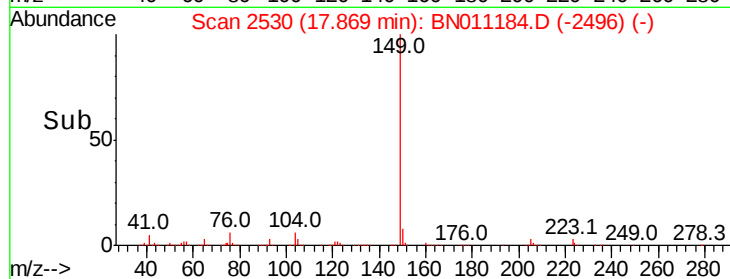
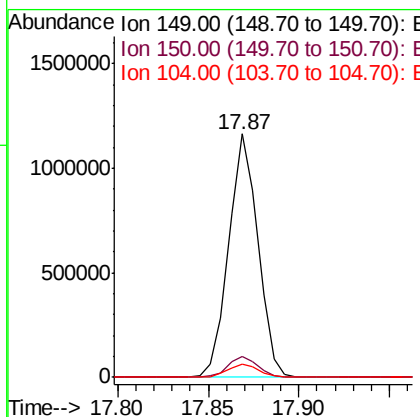
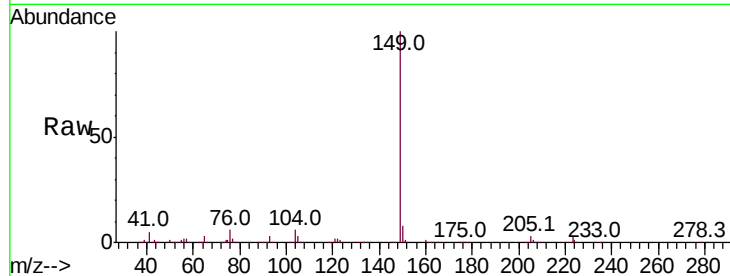




#76
Di-n-butylphthalate
Concen: 19.321 ng/ul
RT: 17.87 min Scan# 2530
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

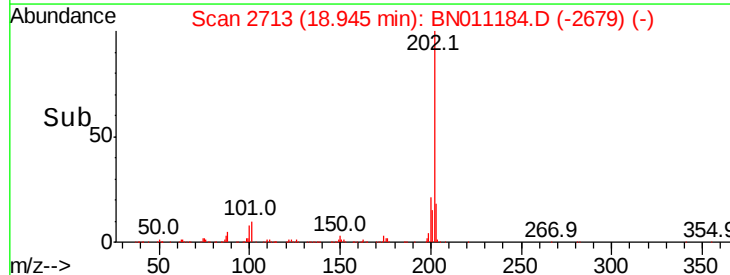
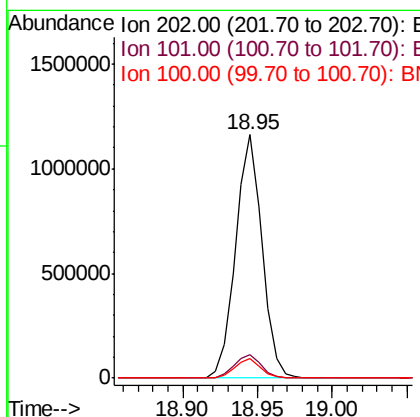
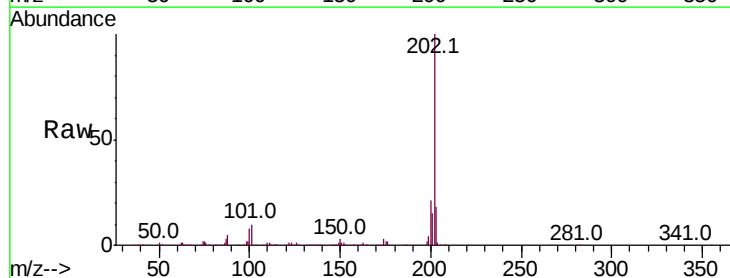
Instrument :
BNA_N
ClientSampleId :
SSTD02059

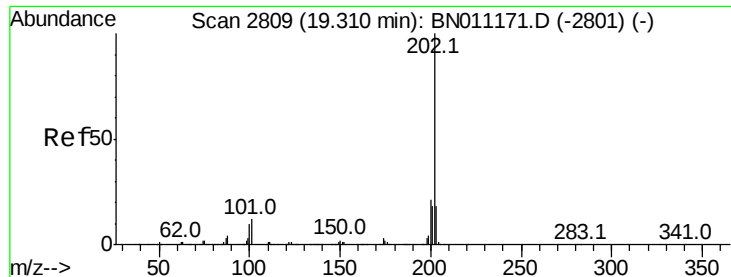
Tot Ion:149 Resp: 1299506
Ion Ratio Lower Upper
149 100
150 8.3 7.7 11.5
104 5.6 5.0 7.4



#77
Fluoranthene
Concen: 19.618 ng/ul
RT: 18.95 min Scan# 2713
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Tgt Ion:202 Resp: 1440638
Ion Ratio Lower Upper
202 100
101 9.7 7.4 11.2
100 7.9 6.0 9.0

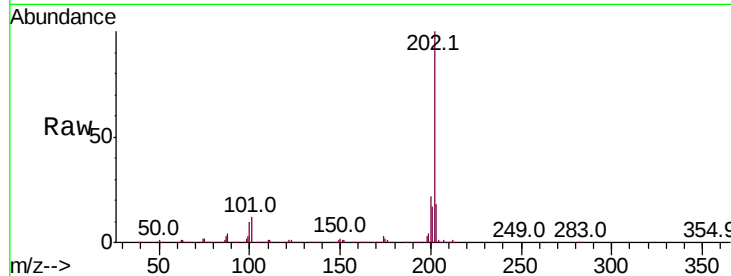




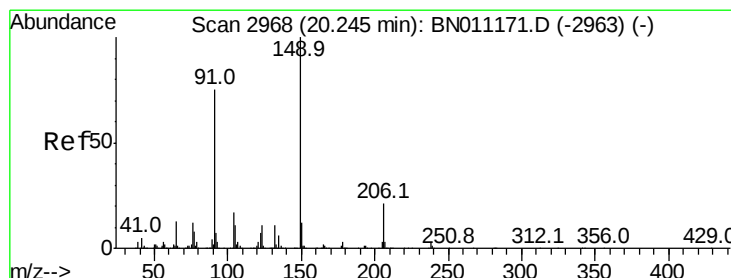
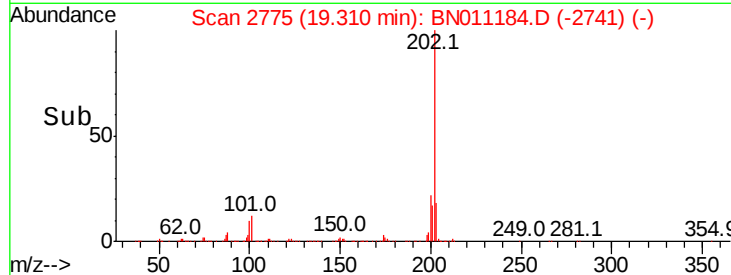
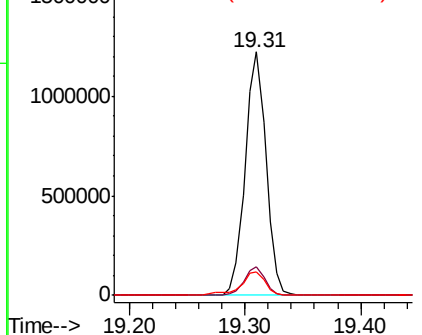
#80
Pvrene
Concen: 18.710 ng/ul
RT: 19.31 min Scan# 2775
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tot Ion:202 Resp: 1535159
Ion Ratio Lower Upper
202 100
101 11.7 9.3 13.9
100 9.5 8.1 12.1

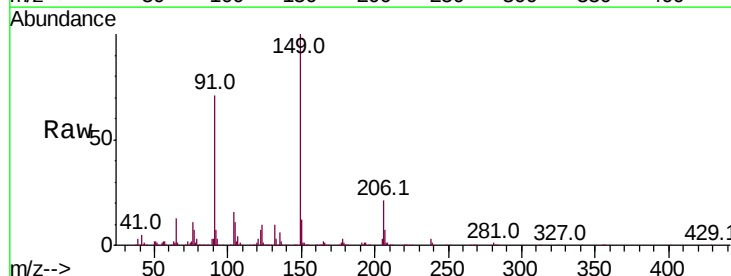


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

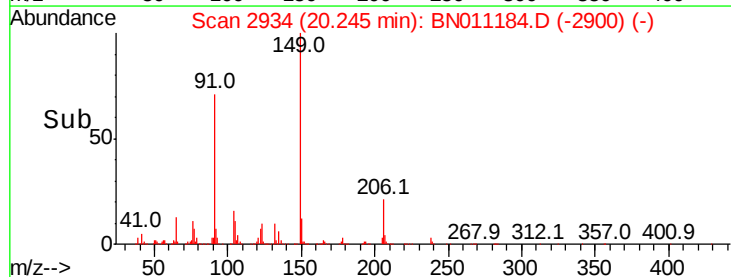
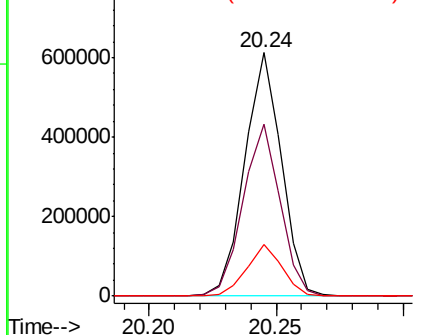


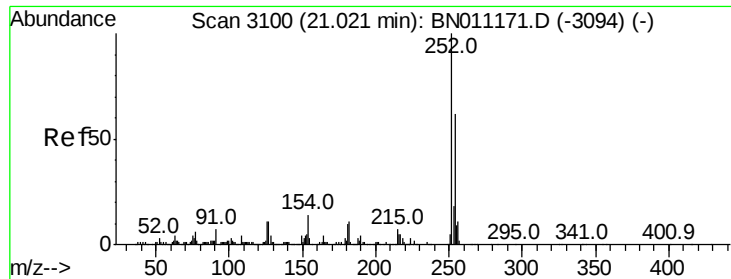
#81
Butylbenzylphthalate
Concen: 19.734 ng/ul
RT: 20.24 min Scan# 2934
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Tgt Ion:149 Resp: 617805
Ion Ratio Lower Upper
149 100
91 70.6 60.2 90.2
206 21.0 17.1 25.7



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

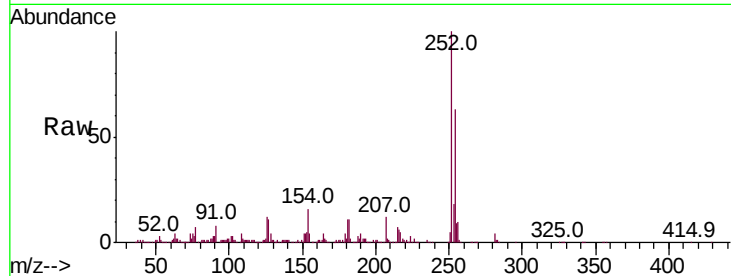




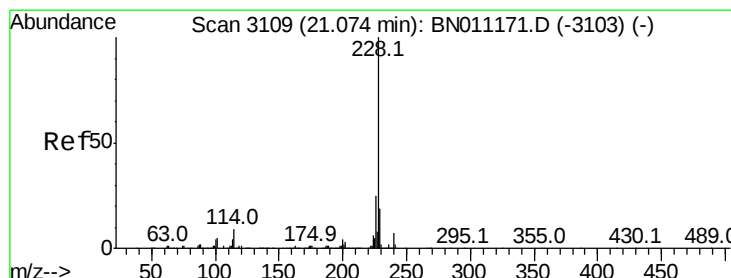
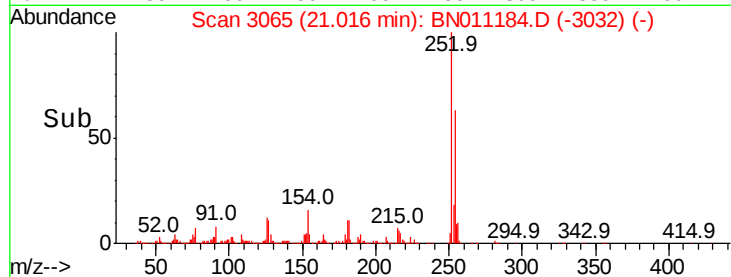
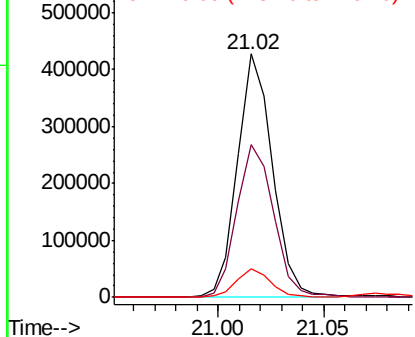
#82
 3,3'-Dichlorobenzidine
 Concen: 19.356 ng/ul
 RT: 21.02 min Scan# 3065
 Delta R.T. -0.01 min
 Lab File: BN011184.D
 Acq: 15 Jul 2020 20:02

Instrument :
 BNA_N
 ClientSampled :
 SSTD02059

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	49.9	74.9
126	11.6	9.0	13.6

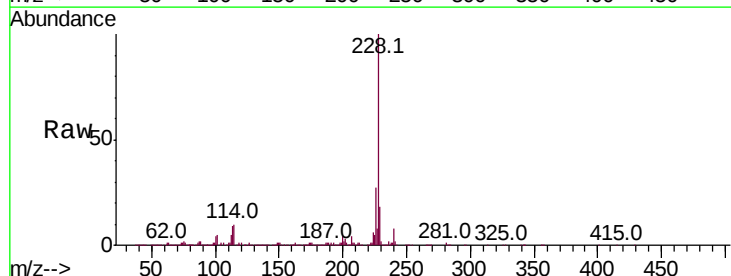


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

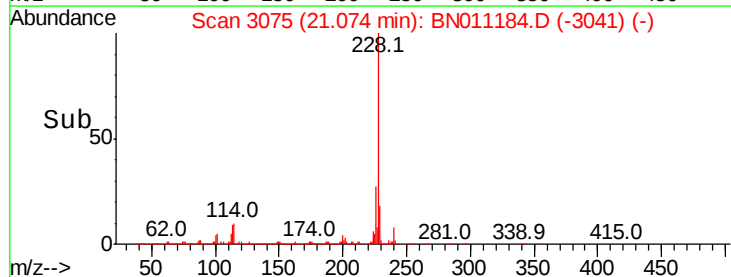
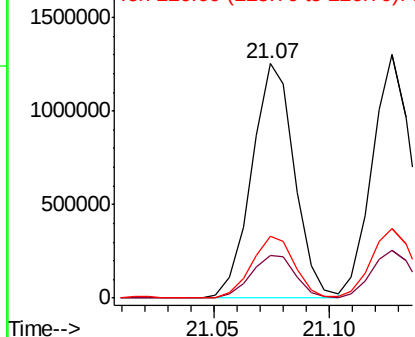


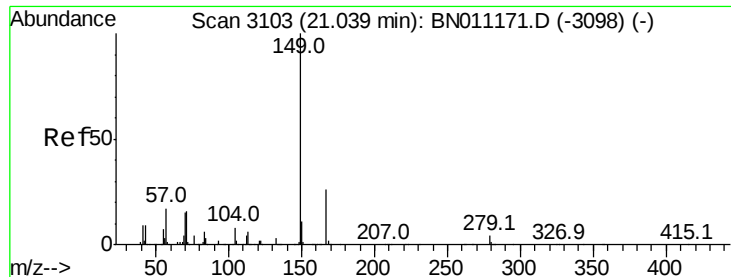
#83
 Benzo(a)anthracene
 Concen: 18.768 ng/ul
 RT: 21.07 min Scan# 3075
 Delta R.T. -0.00 min
 Lab File: BN011184.D
 Acq: 15 Jul 2020 20:02

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.0	15.4	23.2
226	26.6	20.3	30.5



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 19.634 ng/ul

RT: 21.04 min Scan# 3069

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

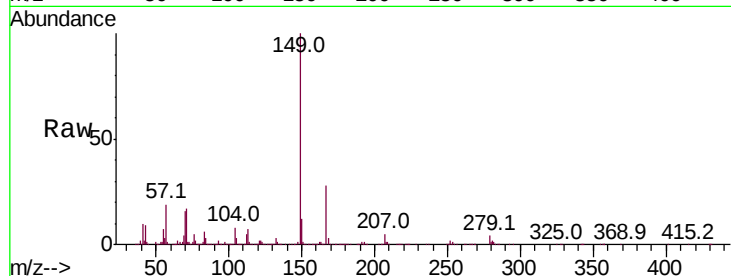
Tot Ion:149 Resp: 977127

Ion Ratio Lower Upper

149 100

167 27.8 21.0 31.6

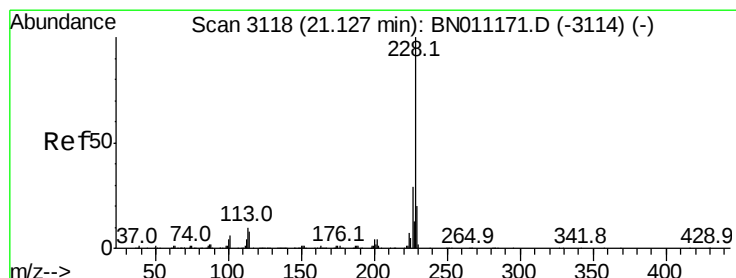
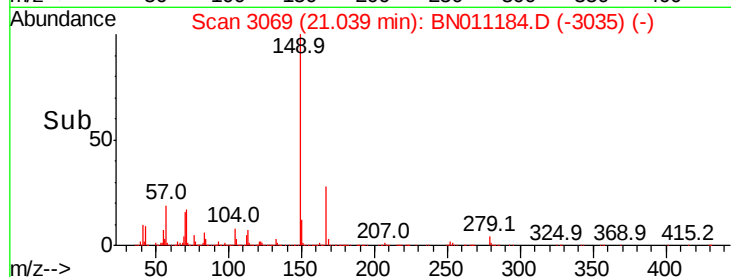
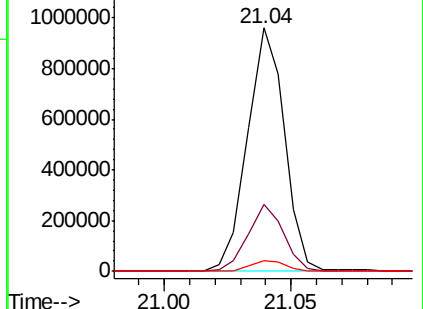
279 4.1 3.0 4.6



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



#85

Chrysene

Concen: 18.842 ng/ul

RT: 21.13 min Scan# 3084

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

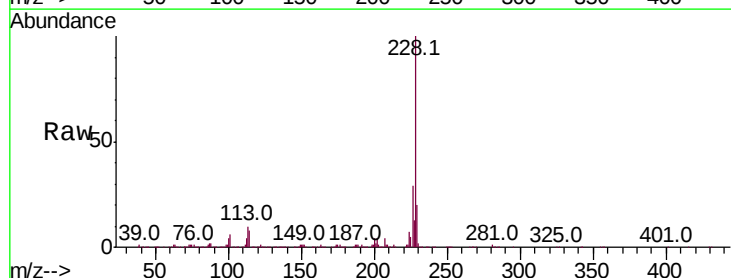
Tgt Ion:228 Resp: 1555910

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.4

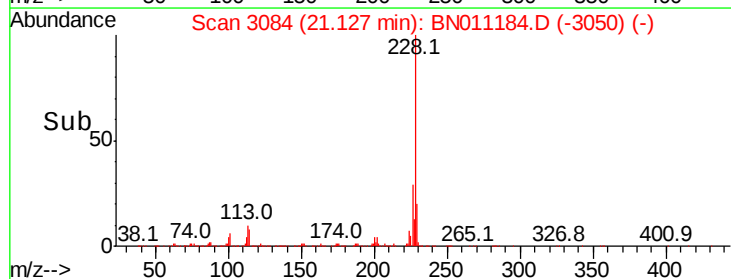
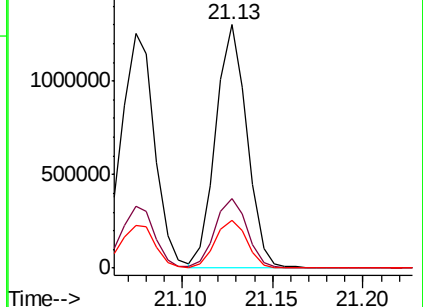
229 19.8 15.8 23.6

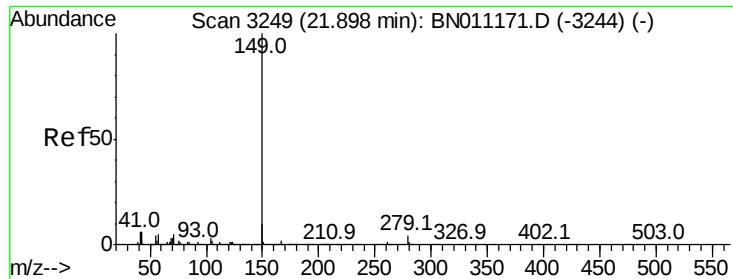


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

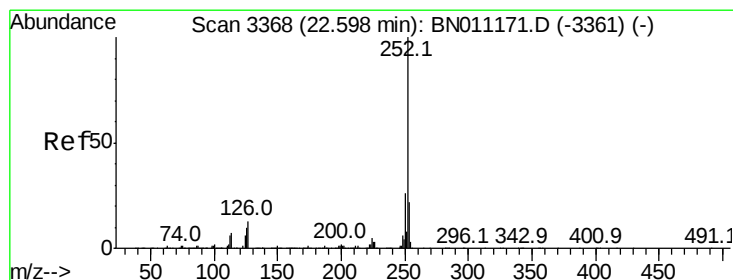
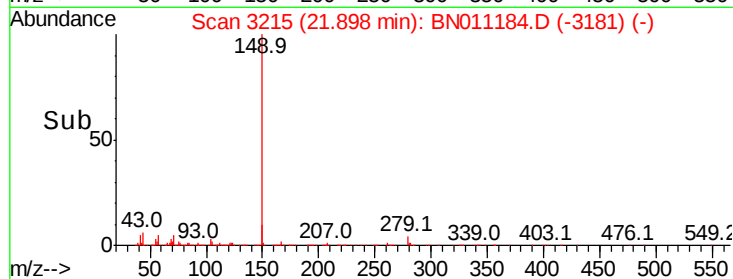
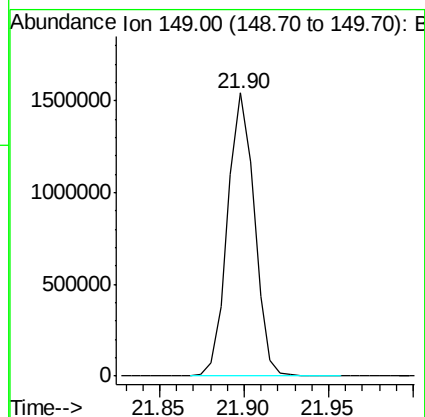
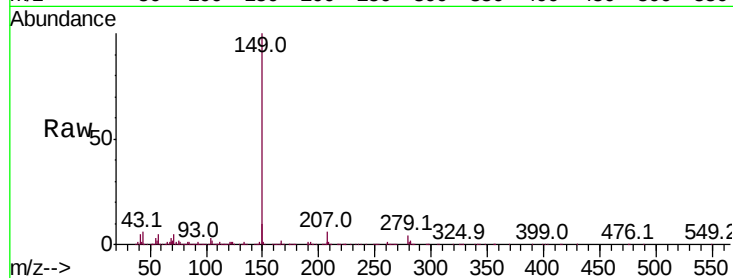




#87
Di-n-octyl phthalate
Concen: 21.928 ng/ul
RT: 21.90 min Scan# 3215
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

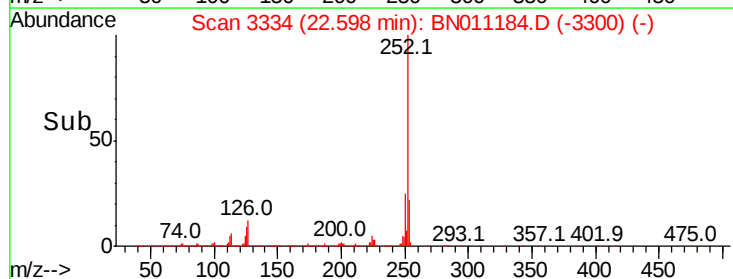
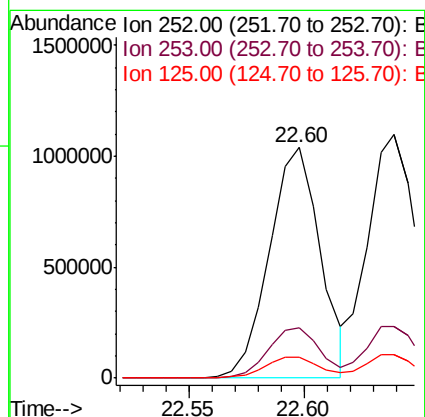
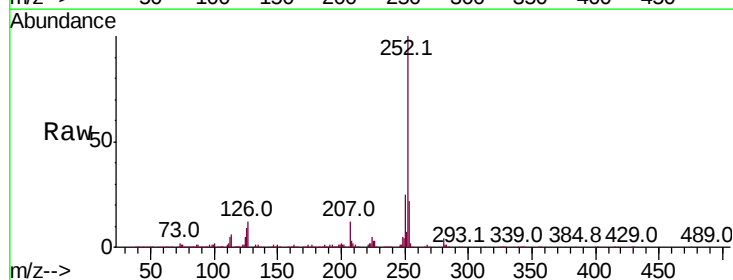
Instrument :
BNA_N
ClientSampleId :
SSTD02059

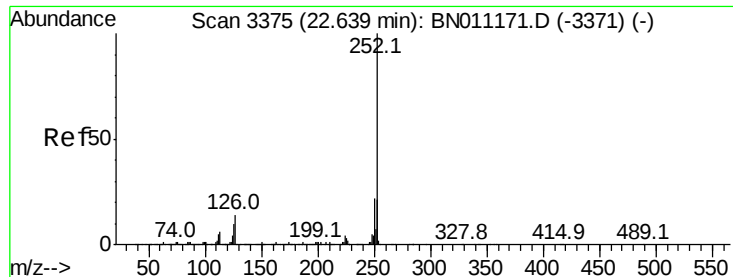
Tgt Ion:149 Resp: 1696792



#88
Benzo(b)fluoranthene
Concen: 19.512 ng/ul
RT: 22.60 min Scan# 3334
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Tgt Ion:252 Resp: 1591344
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 19.934 ng/ul

RT: 22.64 min Scan# 3341

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampled :

SSTD02059

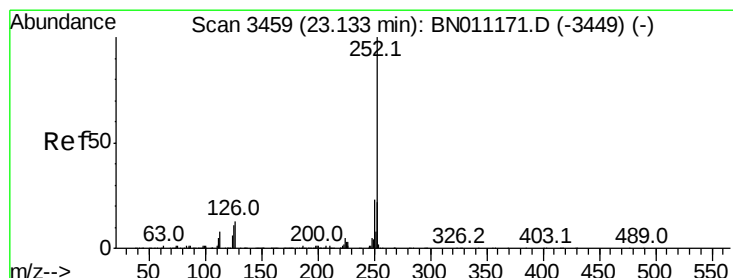
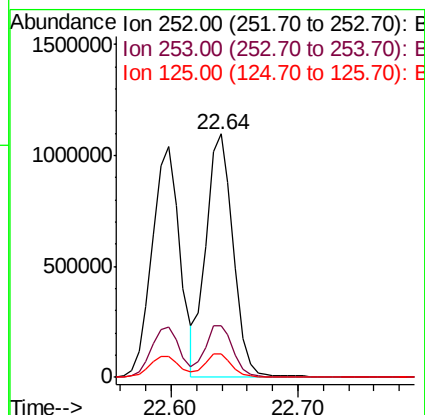
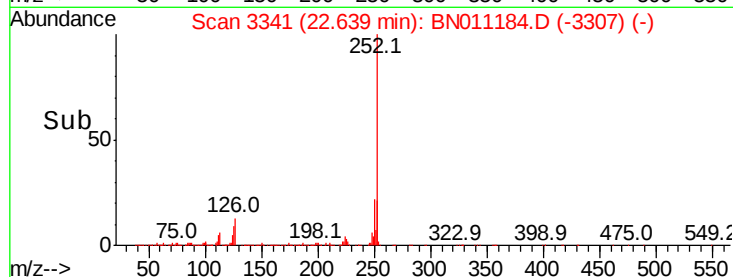
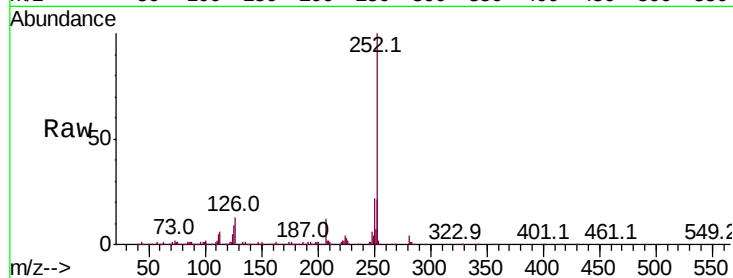
Tot Ion:252 Resp: 1636223

Ion Ratio Lower Upper

252 100

253 21.4 16.8 25.2

125 9.4 7.5 11.3



#91

Benzo(a)pyrene

Concen: 19.327 ng/ul

RT: 23.13 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

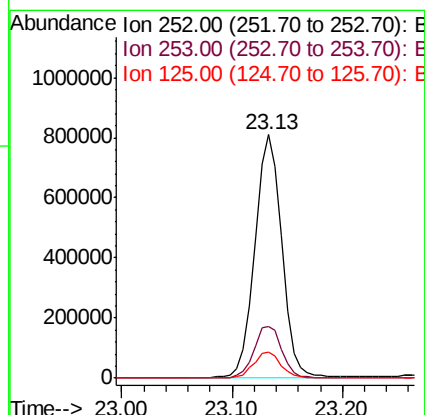
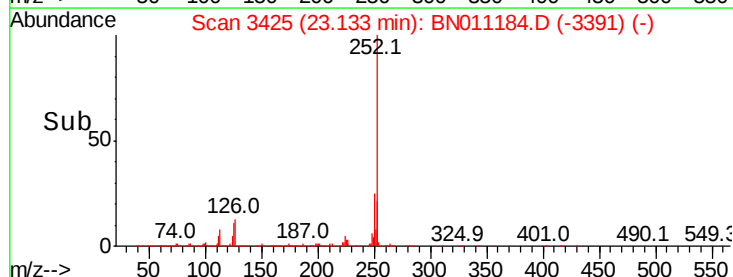
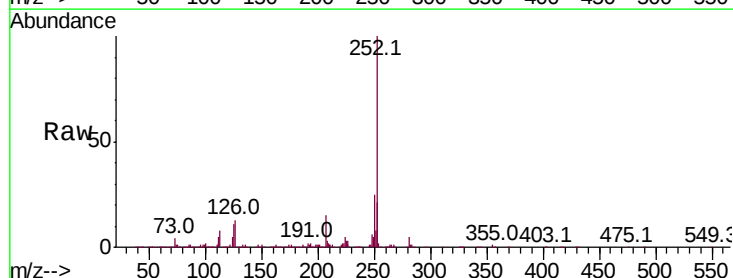
Tgt Ion:252 Resp: 1390204

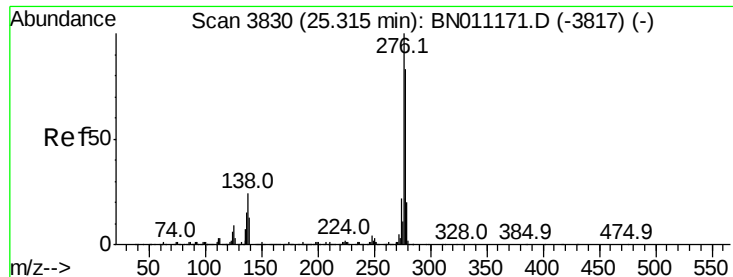
Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

125 10.9 8.6 12.8



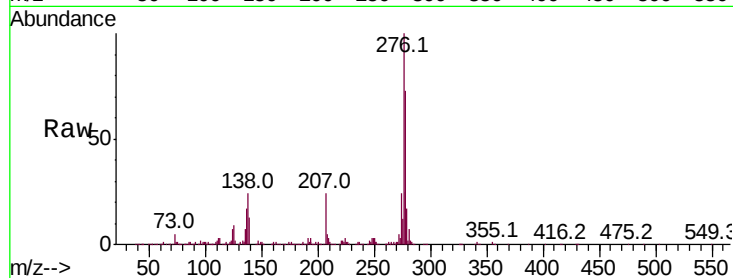


#92

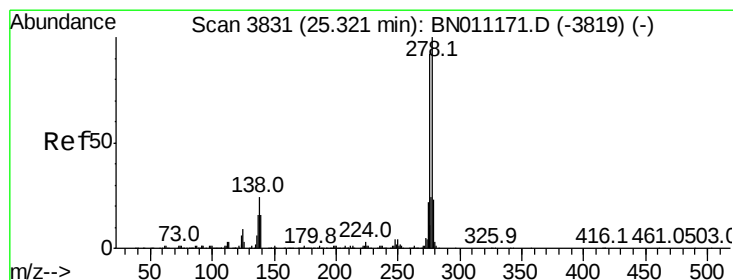
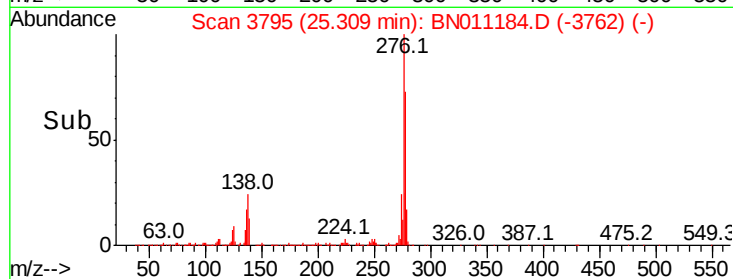
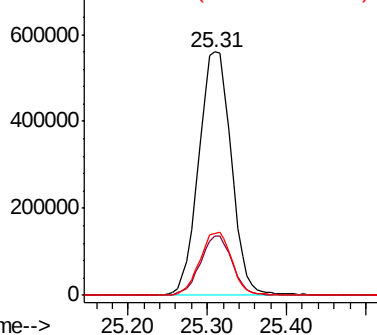
Indeno(1,2,3-cd)pyrene
Concen: 18.809 ng/ul
RT: 25.31 min Scan# 3795
Delta R.T. -0.01 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Tot Ion:276 Resp: 1600629
Ion Ratio Lower Upper
276 100
138 24.5 19.5 29.3
277 25.5 18.0 27.0



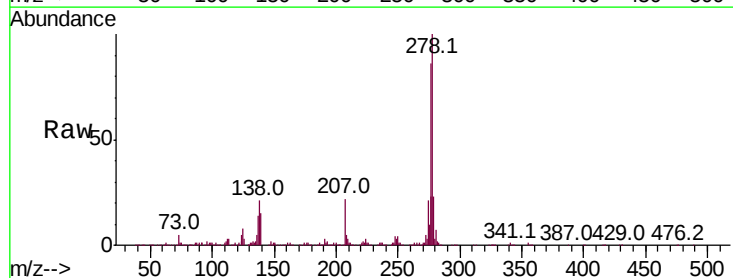
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



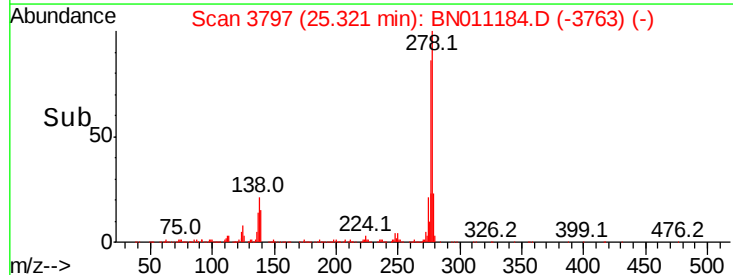
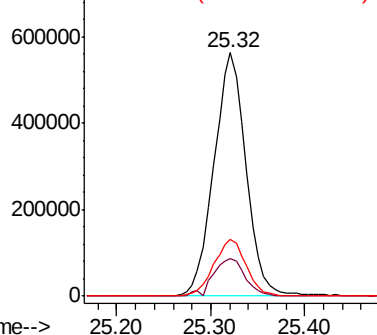
#93

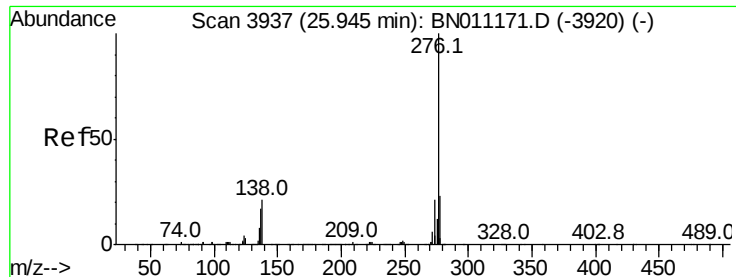
Dibenzo(a,h)anthracene
Concen: 18.624 ng/ul
RT: 25.32 min Scan# 3797
Delta R.T. -0.00 min
Lab File: BN011184.D
Acq: 15 Jul 2020 20:02

Tgt Ion:278 Resp: 1330638
Ion Ratio Lower Upper
278 100
139 15.3 12.5 18.7
279 23.0 18.2 27.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 18.748 ng/ul

RT: 25.94 min Scan# 3903

Delta R.T. -0.00 min

Lab File: BN011184.D

Acq: 15 Jul 2020 20:02

Instrument :

BNA_N

ClientSampleId :

SSTD02059

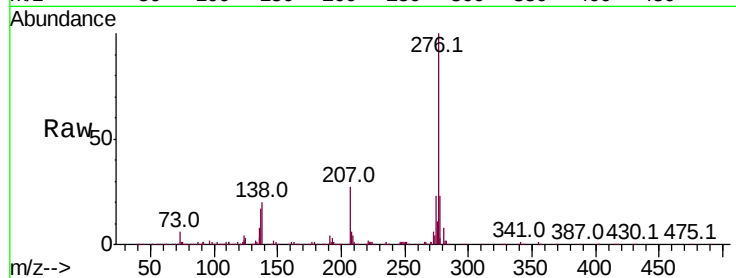
Tot Ion:276 Resp: 1288818

Ion Ratio Lower Upper

276 100

138 20.3 16.4 24.6

277 23.5 18.2 27.4



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

