

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021220\
 Data File : BN009715.D
 Acq On : 12 Feb 2020 16:00
 Operator : CG/JU
 Sample : SSTD08052
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 12 17:28:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 12 17:23:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	115065	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	474077	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	304464	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	660067	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	620100	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	658524	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	86654	32.16	ng/uL	0.00
5) Phenol-d5	6.62	99	785962	85.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	526172	80.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	603465	82.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	620387	82.79	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	296118	86.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	342168	91.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	615372	85.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	692137	86.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1815271	81.25	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	2233431	84.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	353126	92.35	ng/ul	0.00
58) Fluorene-d10	15.07	176	1592834	82.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	354508	95.59	ng/ul	0.00
71) Anthracene-d10	16.92	188	2443026	81.67	ng/ul	0.00
79) Pyrene-d10	19.23	212	2702229	82.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	2730256	82.75	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.08	88	95626	30.676	ng/uL 95
4) Benzaldehyde	6.58	77	531038	79.663	ng/ul 94
6) Phenol	6.65	94	832566	82.594	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.87	93	649521	80.977	ng/ul 99
10) 2-Chlorophenol	6.99	128	635497	83.301	ng/ul 98
11) 2-Methylphenol	7.87	108	612273	83.395	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	7.96	45	1546684	77.380	ng/ul 99
14) Acetophenone	8.24	105	996688	82.183	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.24	70	547257	82.231	ng/ul 97
16) 4-Methylphenol	8.20	108	664675	82.683	ng/ul 96
17) Hexachloroethane	8.47	117	281396	81.268	ng/ul 98
20) Nitrobenzene	8.61	77	820676	81.748	ng/ul 94
21) Isophorone	9.13	82	1495117	82.605	ng/ul 98
23) 2-Nitrophenol	9.30	139	363952	86.319	ng/ul 98
24) 2,4-Dimethylphenol	9.38	107	749054	82.334	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.62	93	876833	80.865	ng/ul 97
27) 2,4-Dichlorophenol	9.83	162	618648	83.008	ng/ul 96
28) Naphthalene	10.22	128	2004629	79.648	ng/ul 99
30) 4-Chloroaniline	10.35	127	709149	86.630	ng/ul 99
31) Hexachlorobutadiene	10.51	225	385773	80.645	ng/ul 95
32) Caprolactam	11.14	113	110594	47.024	ng/ul 88
33) 4-Chloro-3-methylphenol	11.49	107	707196	82.824	ng/ul 98
34) 2-Methylnaphthalene	11.84	142	1417577	81.024	ng/ul 100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	1415235	81.423	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	719868	82.969	ng/uL	93
38) Hexachlorocyclopentadiene	12.20	237	365808	119.169	ng/uL	95
39) 2,4,6-Trichlorophenol	12.47	196	489562	87.070	ng/uL	94
40) 2,4,5-Trichlorophenol	12.55	196	511050	83.843	ng/uL	98
41) 1,1'-Biphenyl	12.88	154	1856629	82.236	ng/uL	98
42) 2-Chloronaphthalene	12.92	162	1456428	80.733	ng/uL	97
43) 2-Nitroaniline	13.15	65	604806	89.244	ng/uL	95
45) Dimethylphthalate	13.54	163	1874502	79.776	ng/uL	99
46) 2,6-Dinitrotoluene	13.66	165	421571	90.284	ng/uL	95
48) Acenaphthylene	13.78	152	2374905	82.561	ng/uL	99
49) 3-Nitroaniline	13.99	138	369502	88.193	ng/uL	99
50) Acenaphthene	14.12	153	1581607	81.205	ng/uL	99
51) 2,4-Dinitrophenol	14.21	184	255351	118.256	ng/uL	91
53) 4-Nitrophenol	14.32	109	312718	88.491	ng/uL	97
54) Dibenzofuran	14.47	168	2178660	80.988	ng/uL	95
55) 2,4-Dinitrotoluene	14.46	165	601719	86.673	ng/uL	96
56) 2,3,4,6-Tetrachlorophenol	14.70	232	448012	84.642	ng/uL	98
57) Diethylphthalate	14.92	149	1983013	82.955	ng/uL	99
59) Fluorene	15.12	166	1882511	83.289	ng/uL	96
60) 4-Chlorophenyl-phenylether	15.12	204	913748	81.412	ng/uL	97
61) 4-Nitroaniline	15.17	138	418639	81.343	ng/uL	96
64) 4,6-Dinitro-2-methylphenol	15.23	198	382639	94.552	ng/uL#	98
65) N-Nitrosodiphenylamine	15.35	169	1553847	81.452	ng/uL	96
66) 4-Bromophenyl-phenylether	16.02	248	540196	81.471	ng/uL	95
67) Hexachlorobenzene	16.13	284	588589	84.418	ng/uL	93
68) Atrazine	16.32	200	602178	86.072	ng/uL	96
69) Pentachlorophenol	16.48	266	359972	92.881	ng/uL	98
70) Phenanthrene	16.86	178	2994242	81.899	ng/uL	98
72) Anthracene	16.95	178	3075928	82.352	ng/uL	100
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	767579	83.271	ng/uL	98
74) Pentachlorobenzene	14.39	250	731667	80.355	ng/uL	99
75) Carbazole	17.23	167	2734417	83.175	ng/uL	99
76) Di-n-butylphthalate	17.81	149	3553994	86.059	ng/uL	100
77) Fluoranthene	18.89	202	3503264	82.694	ng/uL	98
80) Pvrene	19.26	202	3661089	83.660	ng/uL	98
81) Butylbenzylphthalate	20.19	149	1642176	90.666	ng/uL	94
82) 3,3'-Dichlorobenzidine	20.96	252	1140006	85.607	ng/uL	91
83) Benzo(a)anthracene	21.02	228	3381756	79.256	ng/uL	100
84) Bis(2-ethylhexyl)phthalate	20.98	149	2497976	88.281	ng/uL	97
85) Chrysene	21.07	228	3355489	81.384	ng/uL	97
87) Di-n-octyl phthalate	21.83	149	4233899	88.894	ng/uL	100
88) Benzo(b)fluoranthene	22.53	252	3407559	80.009	ng/uL	100
89) Benzo(k)fluoranthene	22.57	252	3260334	80.841	ng/uL	99
91) Benzo(a)pyrene	23.06	252	3153830	82.873	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	25.23	276	3785793	84.371	ng/uL	96
93) Dibenzo(a,h)anthracene	25.23	278	3187819	82.168	ng/uL	97
94) Benzo(a,h,i)perylene	25.84	276	3153327	83.324	ng/uL	98

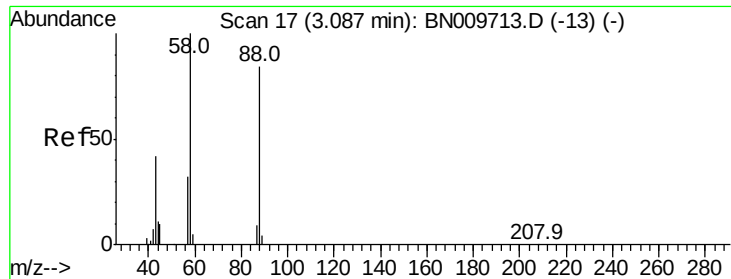
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 30.676 ng/uL

RT: 3.08 min Scan# 16

Delta R.T. -0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

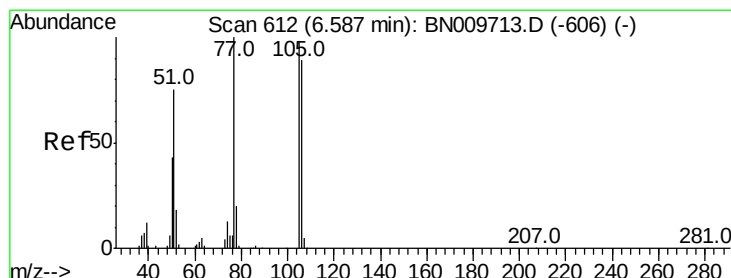
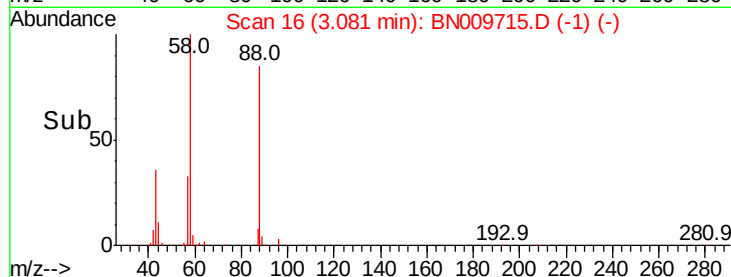
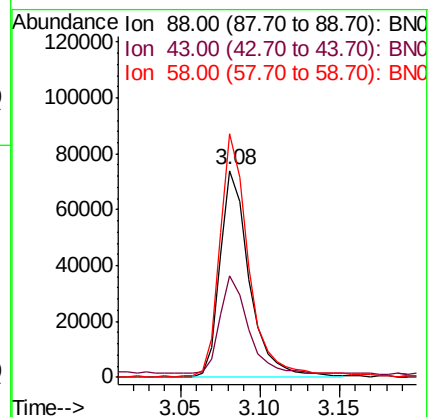
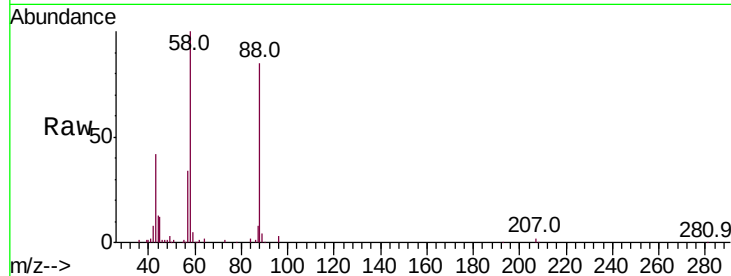
Tot Ion: 88 Resp: 95626

Ion Ratio Lower Upper

88 100

43 49.1 44.7 67.1

58 117.7 96.2 144.2



#4

Benzaldehyde

Concen: 79.663 ng/uL

RT: 6.58 min Scan# 611

Delta R.T. -0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

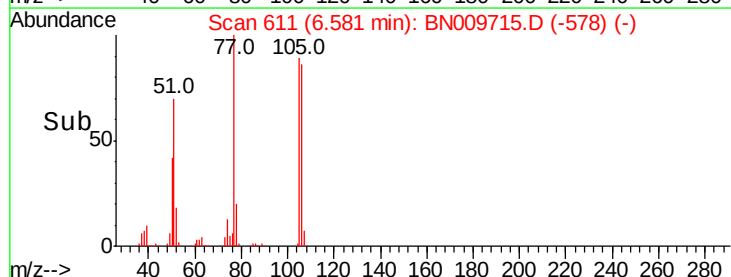
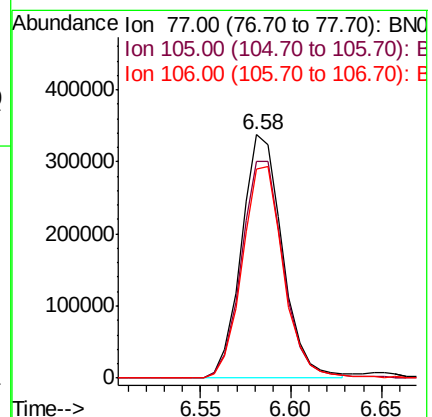
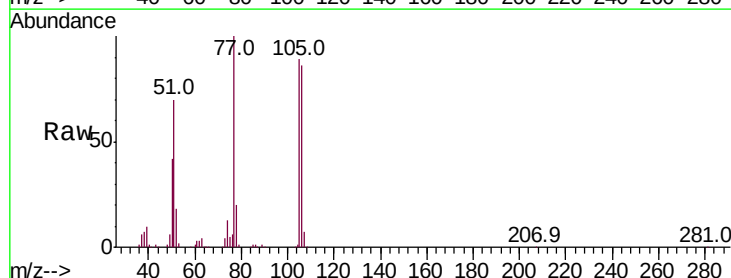
Tgt Ion: 77 Resp: 531038

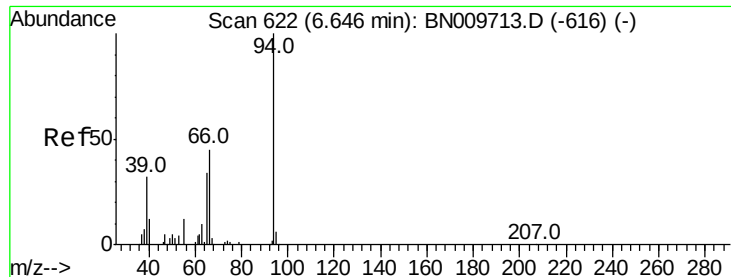
Ion Ratio Lower Upper

77 100

105 89.2 78.2 117.2

106 85.8 70.9 106.3





#6

Phenol

Concen: 82.594 ng/ul

RT: 6.65 min Scan# 623

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

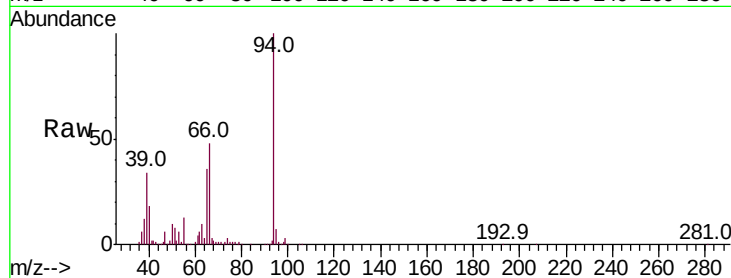
Tot Ion: 94 Resp: 832566

Ion Ratio Lower Upper

94 100

65 36.3 27.6 41.4

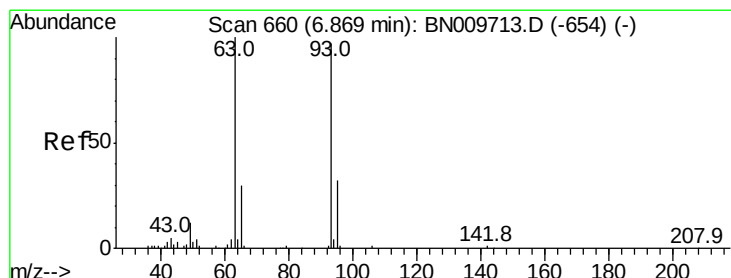
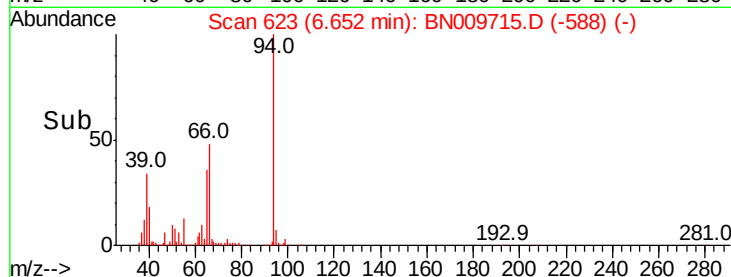
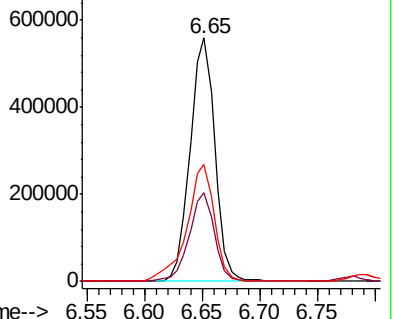
66 47.9 38.5 57.7



Abundance Ion 94.00 (93.70 to 94.70): BN009715.D (-623) (-)

Ion 65.00 (64.70 to 65.70): BN009715.D (-623) (-)

Ion 66.00 (65.70 to 66.70): BN009715.D (-623) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 80.977 ng/ul

RT: 6.87 min Scan# 660

Delta R.T. -0.00 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

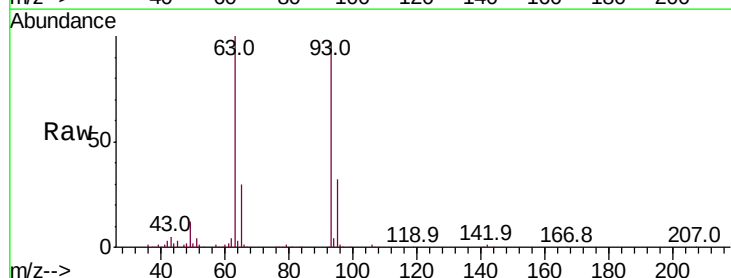
Tgt Ion: 93 Resp: 649521

Ion Ratio Lower Upper

93 100

63 102.7 82.7 124.1

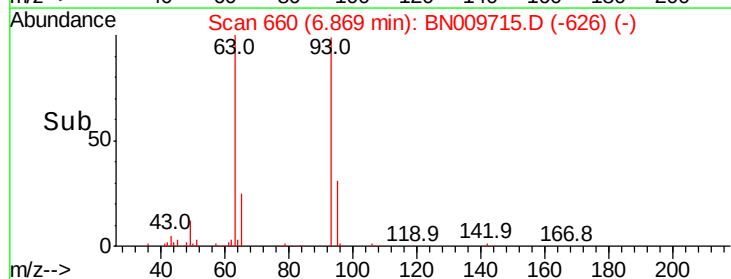
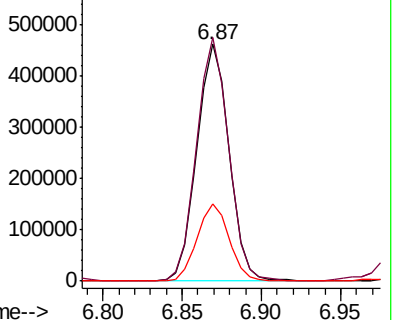
95 32.8 26.6 40.0

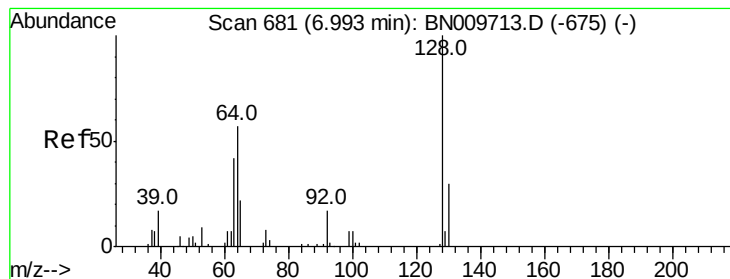


Abundance Ion 93.00 (92.70 to 93.70): BN009715.D (-660) (-)

Ion 63.00 (62.70 to 63.70): BN009715.D (-660) (-)

Ion 95.00 (94.70 to 95.70): BN009715.D (-660) (-)





#10

2-Chlorophenol

Concen: 83.301 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampled :

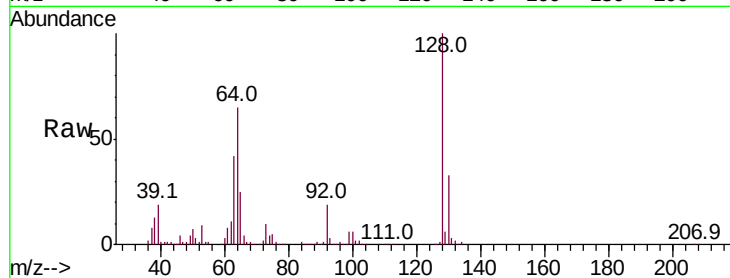
Tot Ion:128 Resp: 635497

Ion Ratio Lower Upper

128 100

64 65.0 52.5 78.7

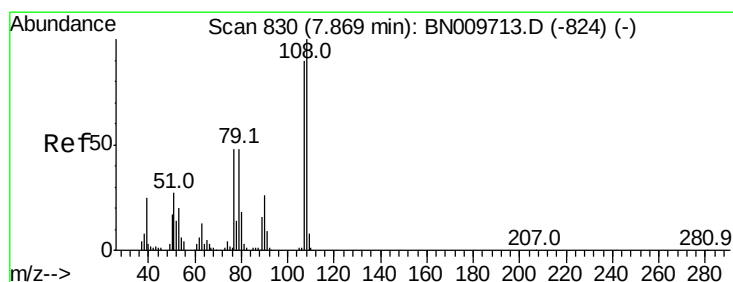
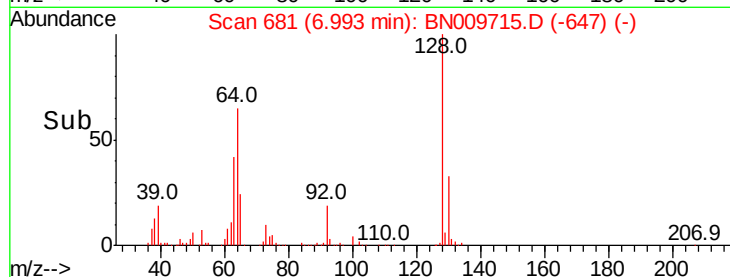
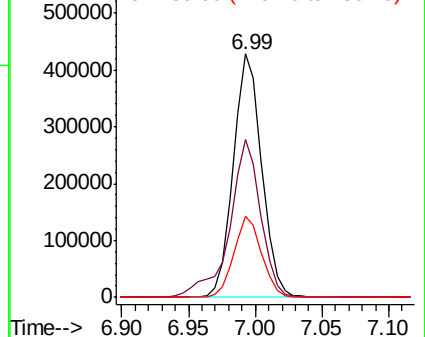
130 33.1 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 83.395 ng/ul

RT: 7.87 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN009715.D

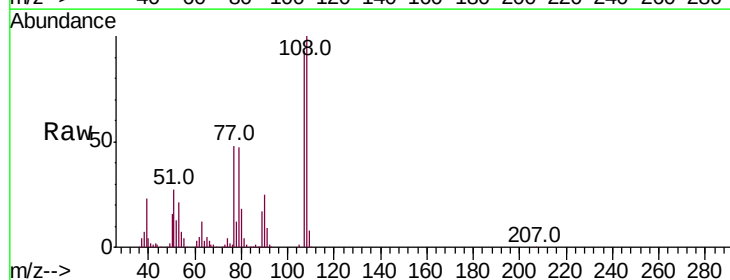
Acq: 12 Feb 2020 16:00

Tgt Ion:108 Resp: 612273

Ion Ratio Lower Upper

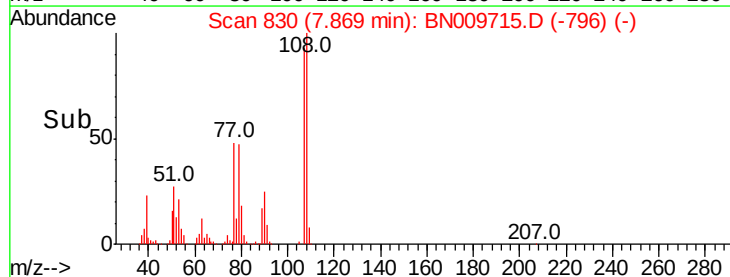
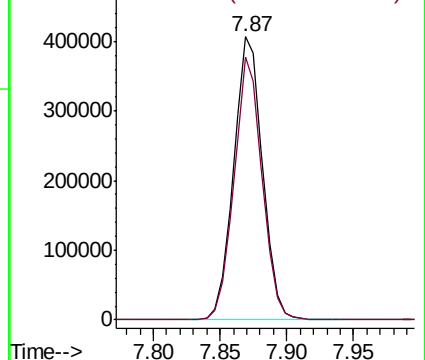
108 100

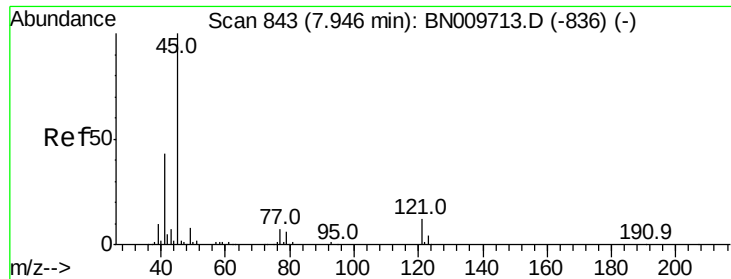
107 92.8 72.3 108.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

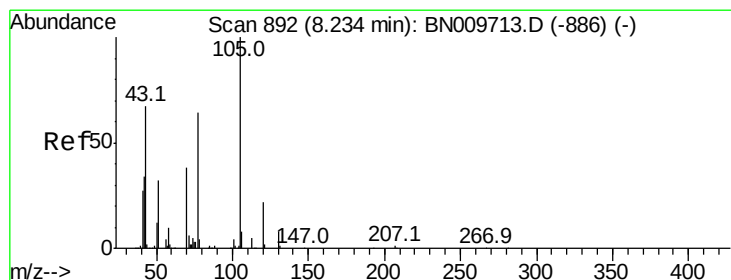
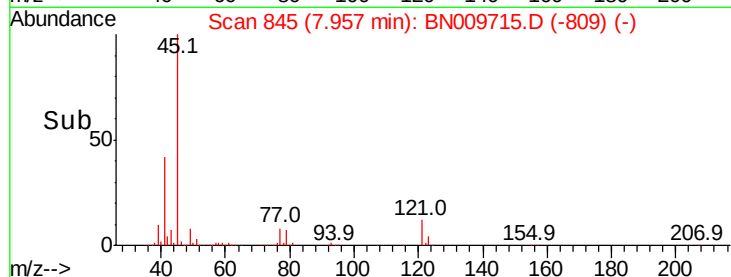
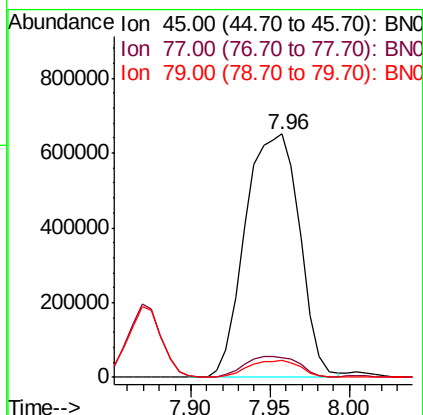
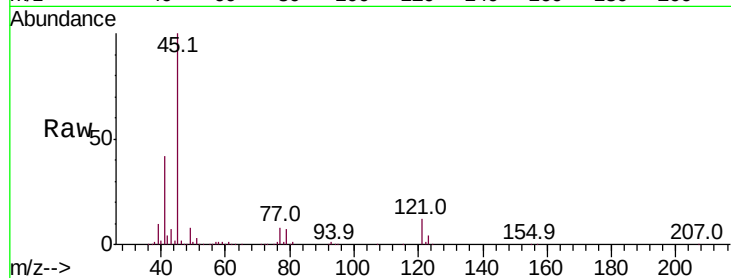




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 77.380 ng/ul
RT: 7.96 min Scan# 845
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

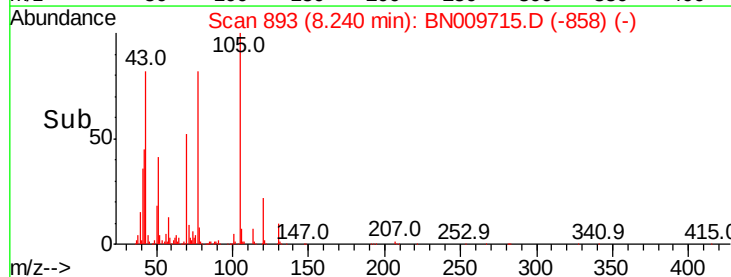
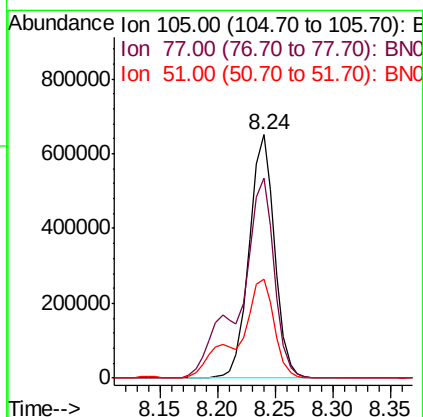
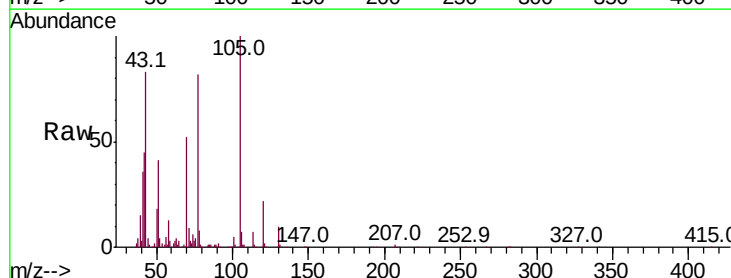
Instrument :
BNA_N
ClientSampleId :

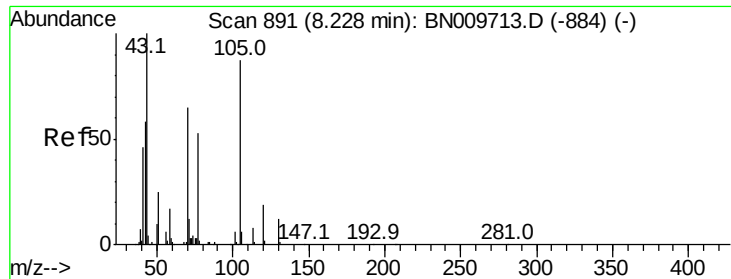
Tot Ion: 45 Resp: 1546684
Ion Ratio Lower Upper
45 100
77 8.2 6.3 9.5
79 7.0 5.1 7.7



#14
Acetophenone
Concen: 82.183 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Tgt Ion:105 Resp: 996688
Ion Ratio Lower Upper
105 100
77 82.2 68.9 103.3
51 40.9 35.6 53.4

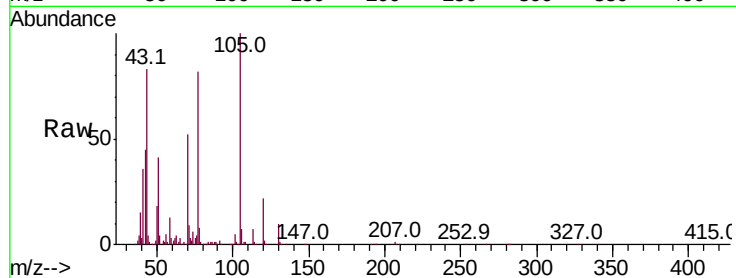




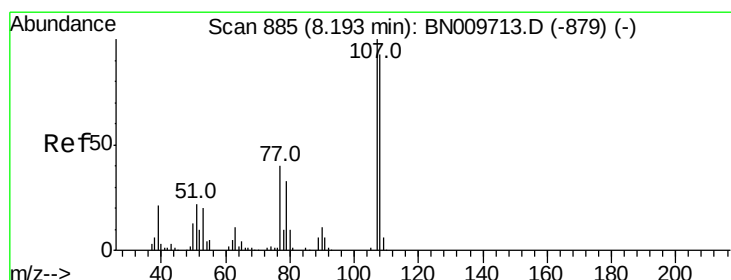
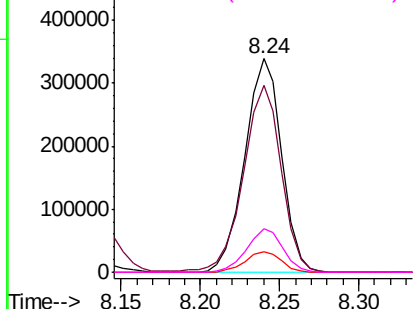
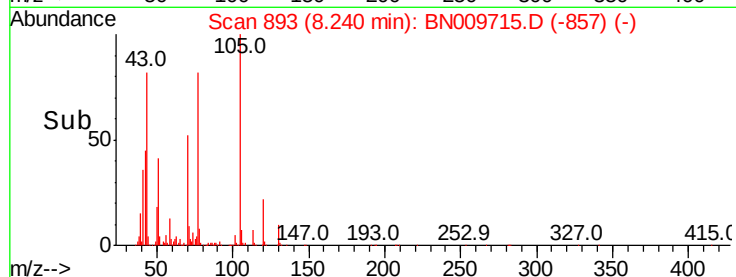
#15
N-Nitroso-di-n-propylamine
Concen: 82.231 ng/ul
RT: 8.24 min Scan# 893
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 547257
Ion Ratio Lower Upper
70 100
42 87.2 72.6 108.8
101 9.7 7.7 11.5
130 20.1 14.7 22.1

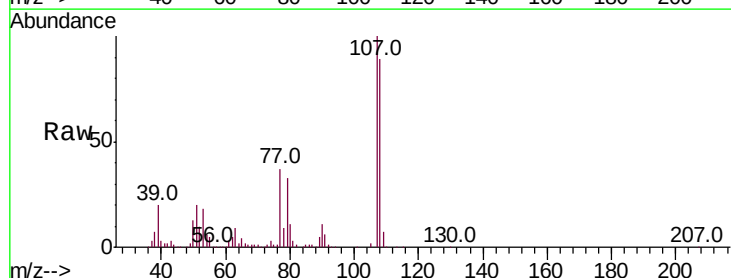


Abundance Ion 70.00 (69.70 to 70.70): BN009715.D (-857) (-)
Ion 42.00 (41.70 to 42.70): BN009715.D (-857) (-)
Ion 101.00 (100.70 to 101.70): BN009715.D (-857) (-)
Ion 130.00 (129.70 to 130.70): BN009715.D (-857) (-)

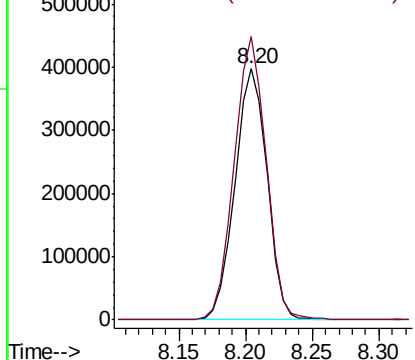
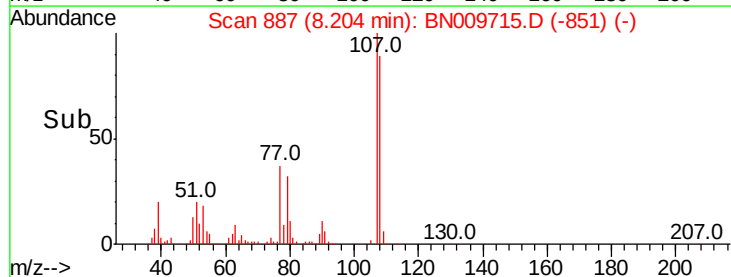


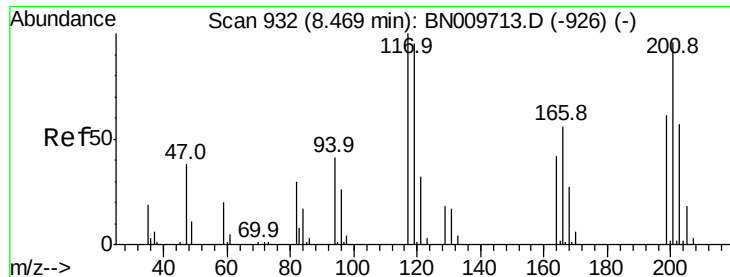
#16
4-Methylphenol
Concen: 82.683 ng/ul
RT: 8.20 min Scan# 887
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Tgt Ion: 108 Resp: 664675
Ion Ratio Lower Upper
108 100
107 112.7 86.4 129.6



Abundance Ion 108.00 (107.70 to 108.70): BN009715.D (-851) (-)
Ion 107.00 (106.70 to 107.70): BN009715.D (-851) (-)





#17

Hexachloroethane

Concen: 81.268 ng/ul

RT: 8.47 min Scan# 932

Delta R.T. -0.00 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampled :

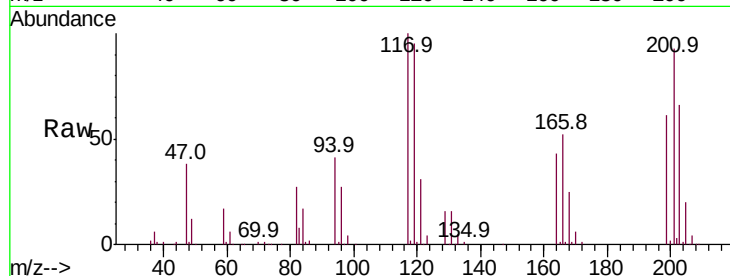
Tot Ion:117 Resp: 281396

Ion Ratio Lower Upper

117 100

201 92.9 76.6 115.0

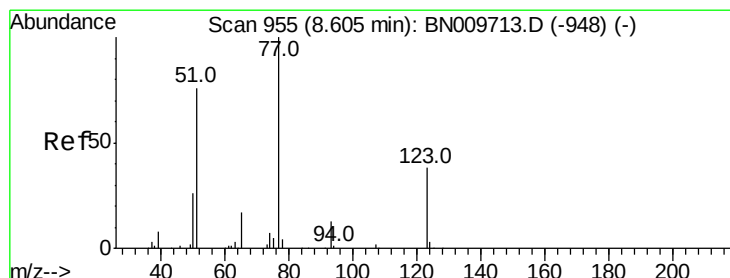
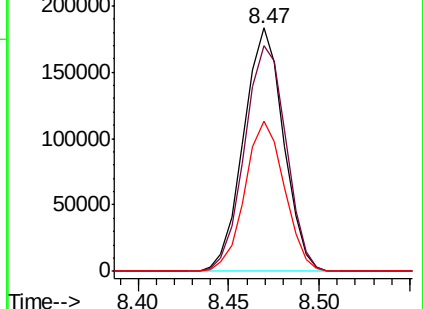
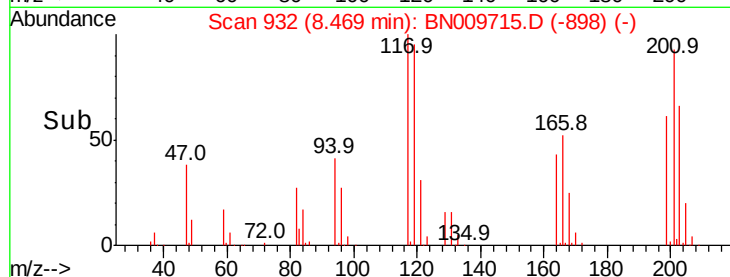
199 61.4 49.1 73.7



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: 81.748 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

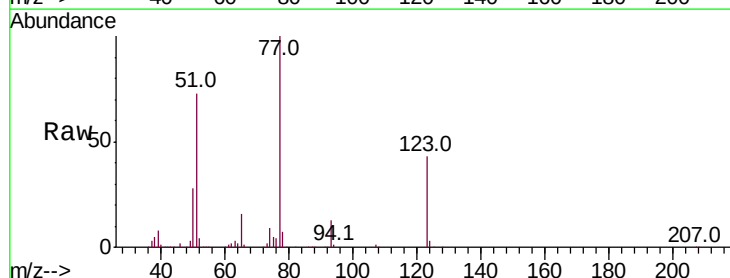
Tgt Ion: 77 Resp: 820676

Ion Ratio Lower Upper

77 100

123 43.3 30.5 45.7

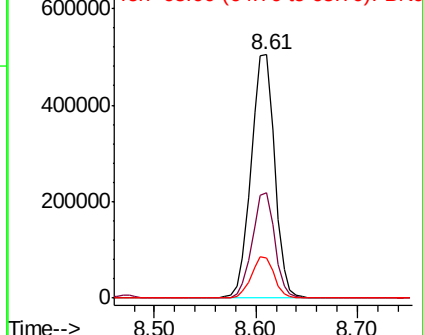
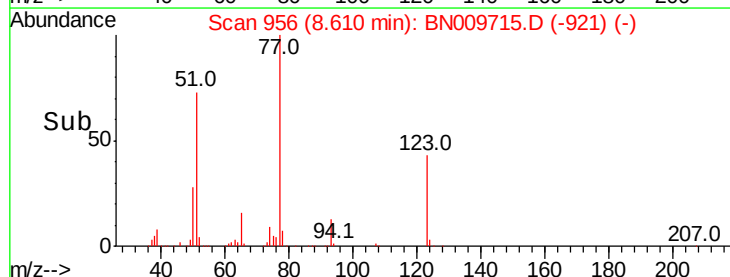
65 16.4 13.4 20.2

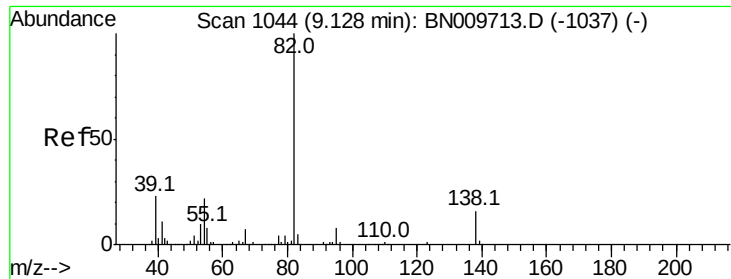


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BNC

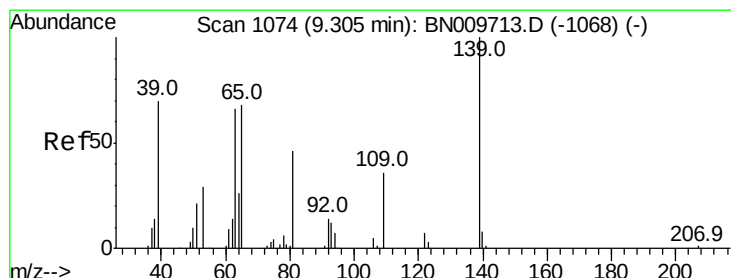
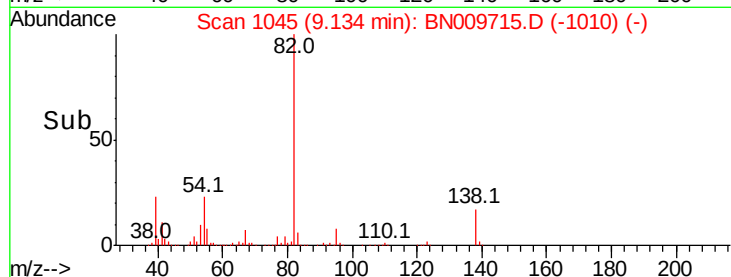
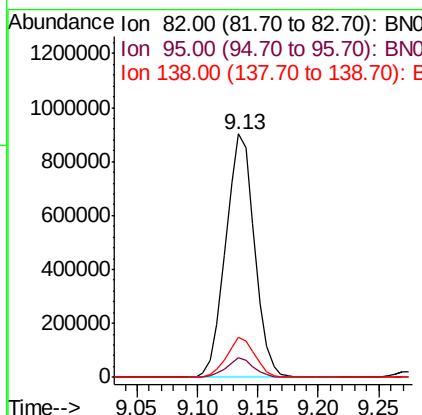
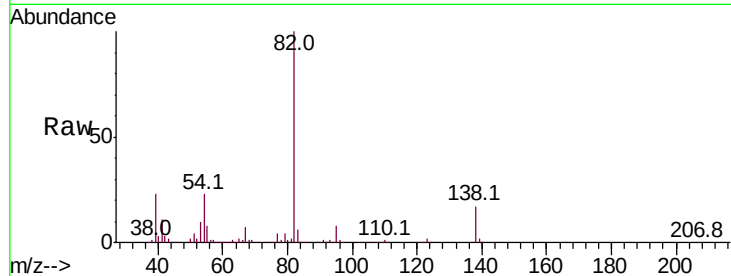




#21
Isophorone
Concen: 82.605 ng/ul
RT: 9.13 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

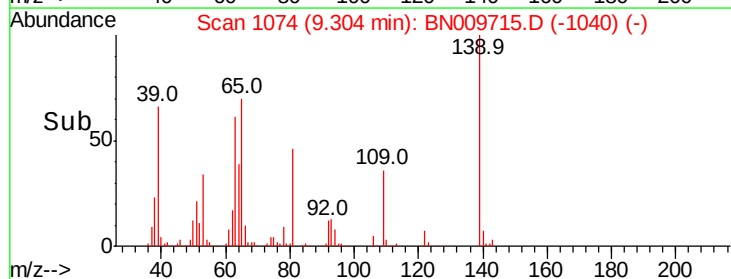
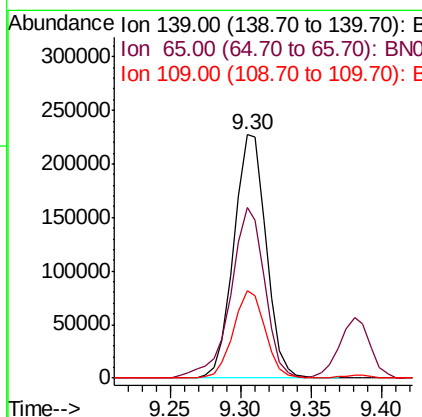
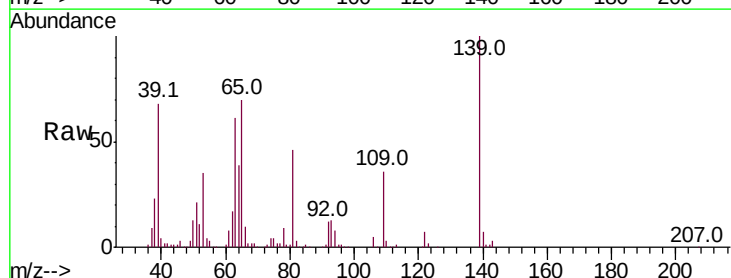
Instrument :
BNA_N
ClientSampled :

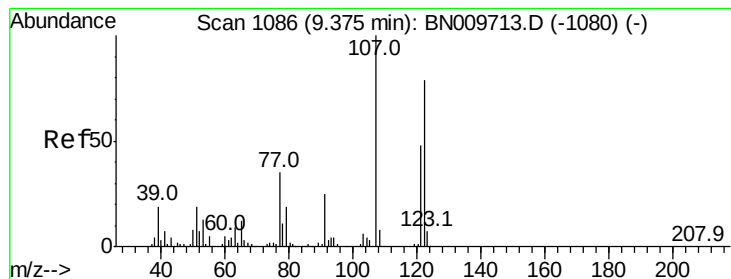
Tot Ion: 82 Resp: 1495117
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 16.6 12.6 19.0



#23
2-Nitrophenol
Concen: 86.319 ng/ul
RT: 9.30 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Tgt Ion:139 Resp: 363952
Ion Ratio Lower Upper
139 100
65 69.9 58.0 87.0
109 36.0 28.8 43.2





#24

2,4-Dimethylphenol

Concen: 82.334 ng/ul

RT: 9.38 min Scan# 1087

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

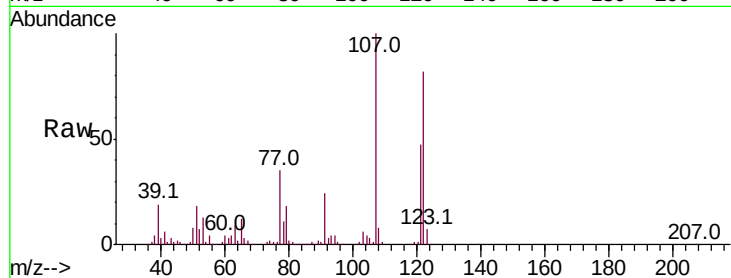
Tot Ion:107 Resp: 749054

Ion Ratio Lower Upper

107 100

121 47.4 38.5 57.7

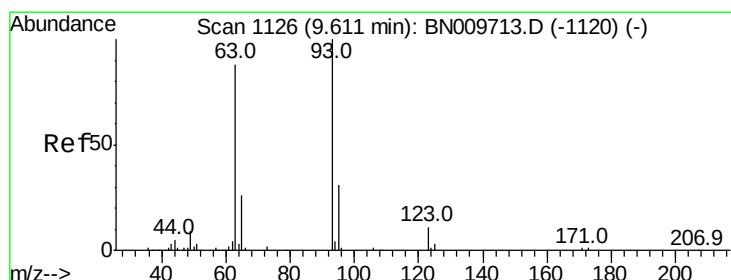
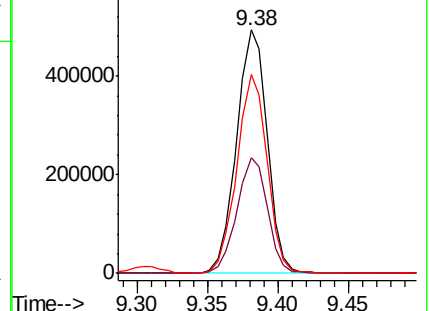
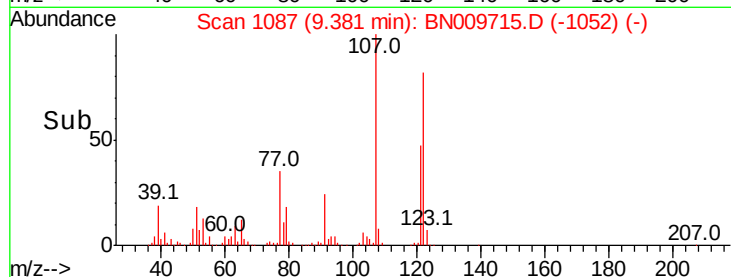
122 81.9 62.9 94.3



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: 80.865 ng/ul

RT: 9.62 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

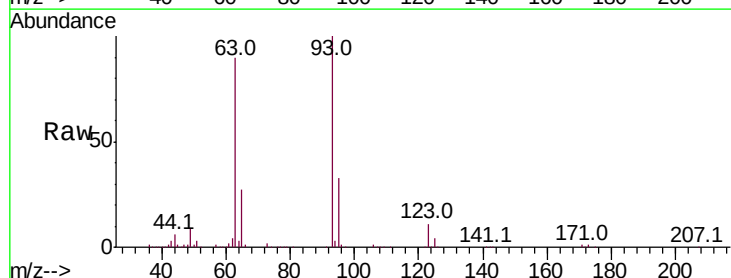
Tgt Ion: 93 Resp: 876833

Ion Ratio Lower Upper

93 100

95 33.1 25.1 37.7

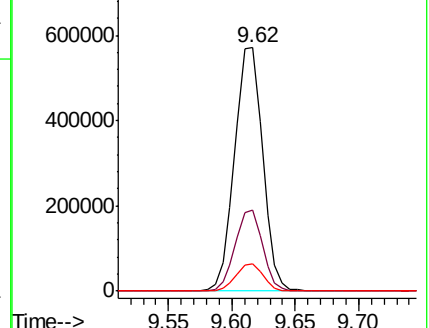
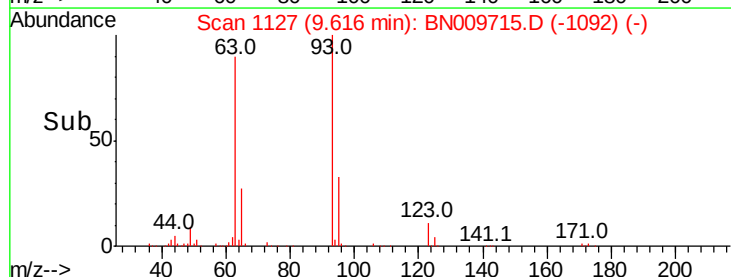
123 11.4 8.9 13.3

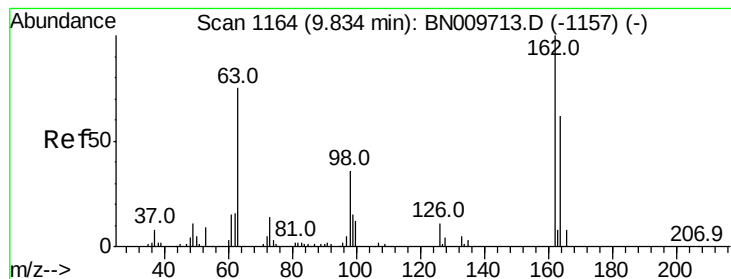


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 83.008 ng/ul

RT: 9.83 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

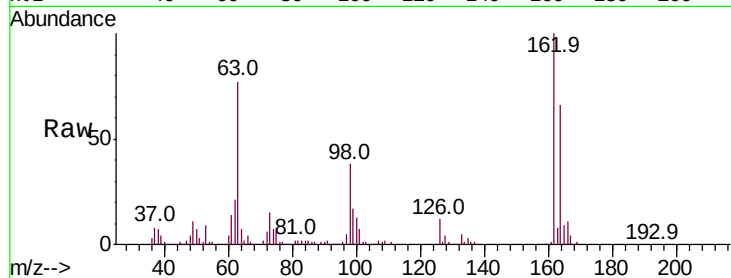
Tot Ion:162 Resp: 618648

Ion Ratio Lower Upper

162 100

164 65.7 50.5 75.7

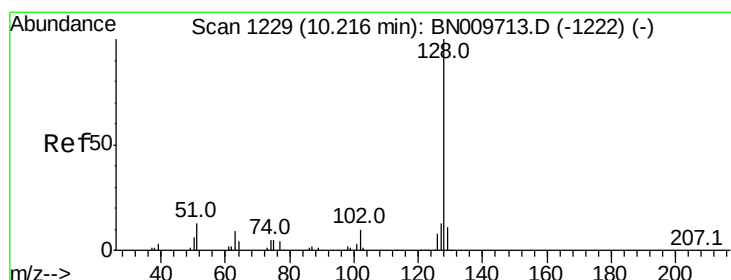
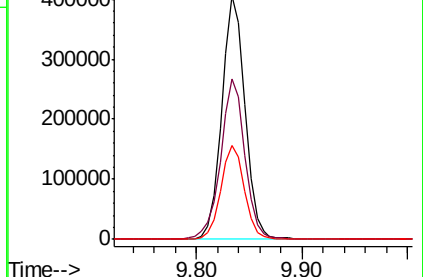
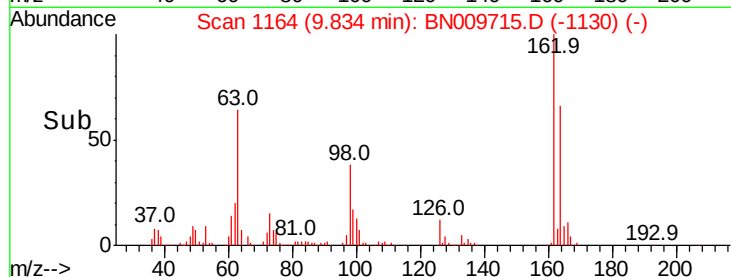
98 38.4 28.7 43.1



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: 79.648 ng/ul

RT: 10.22 min Scan# 1230

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

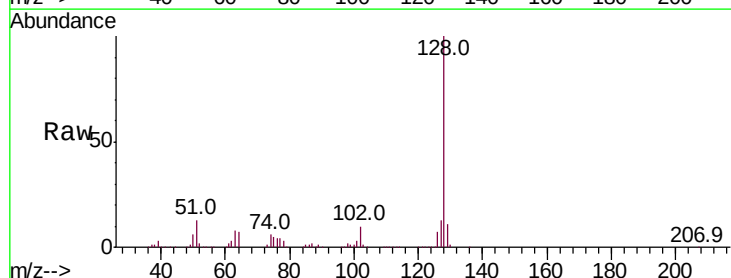
Tgt Ion:128 Resp: 2004629

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

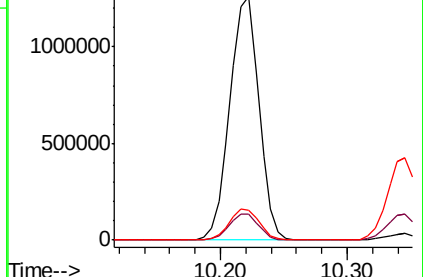
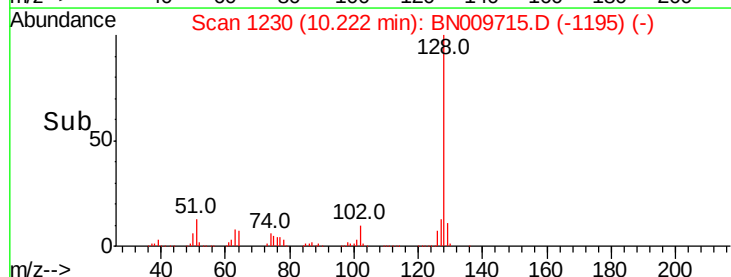
127 12.5 10.3 15.5

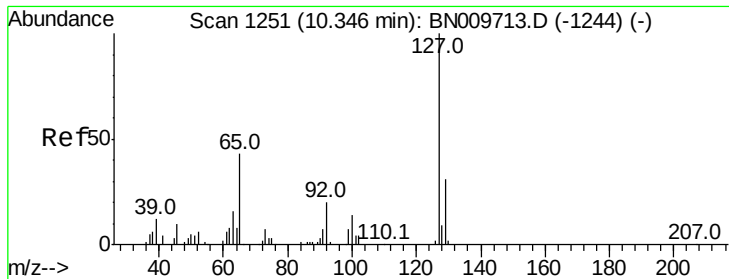


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

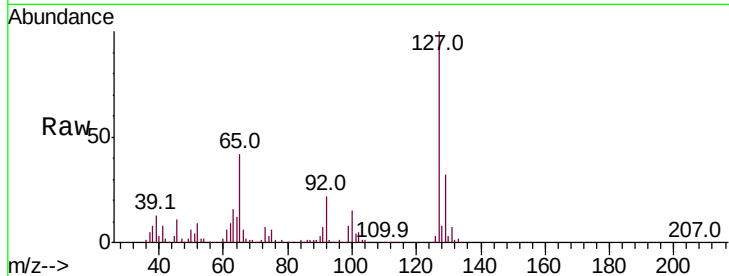




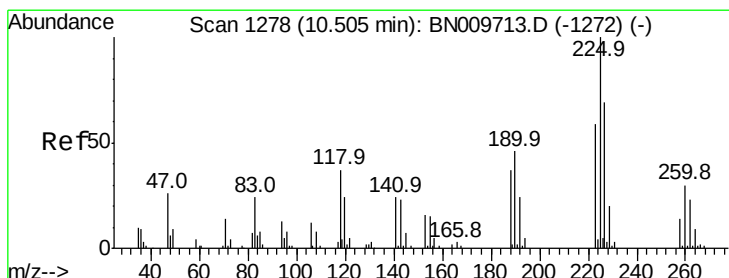
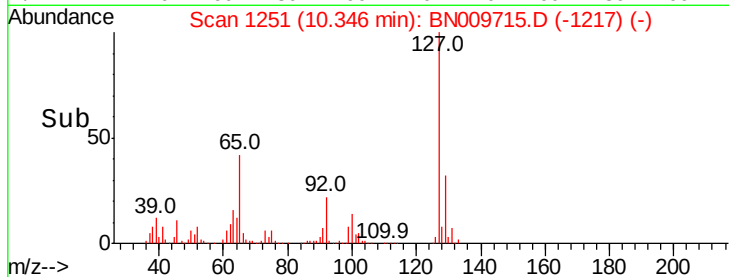
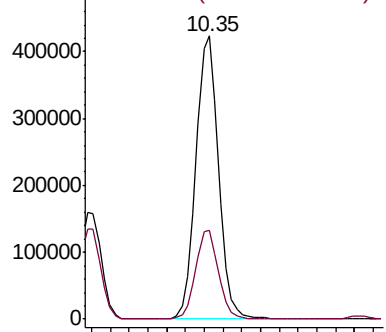
#30
4-Chloroaniline
Concen: 86.630 ng/ul
RT: 10.35 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Instrument :
BNA_N
ClientSampled :

Tot Ion:127 Resp: 709149
Ion Ratio Lower Upper
127 100
129 31.6 24.8 37.2

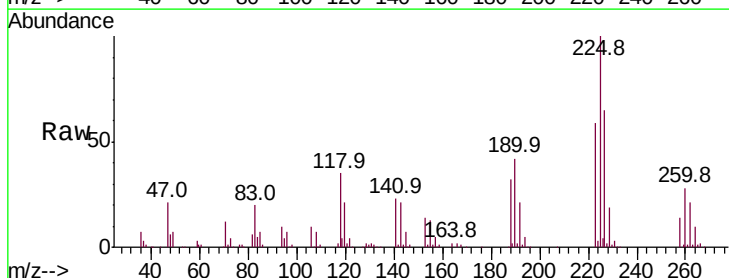


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

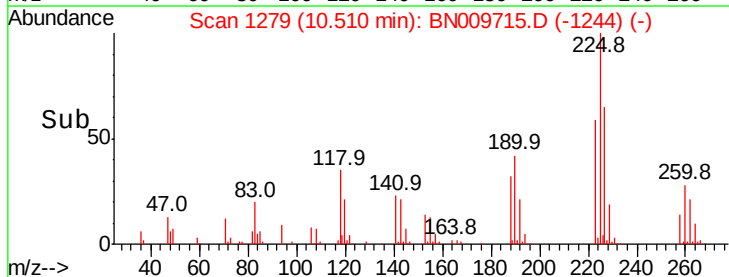
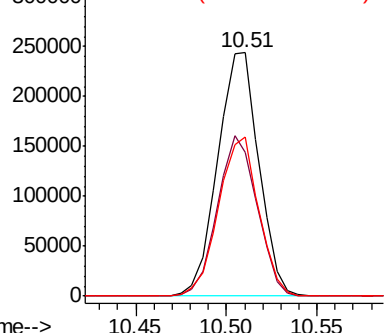


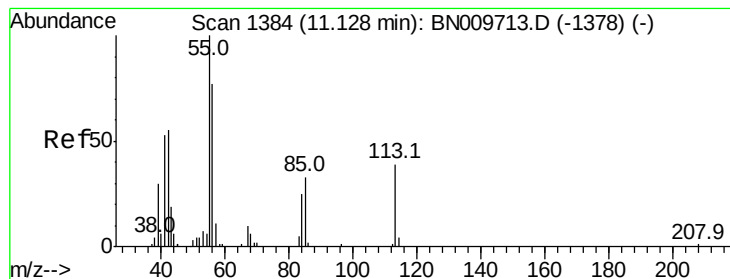
#31
Hexachlorobutadiene
Concen: 80.645 ng/ul
RT: 10.51 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Tgt Ion:225 Resp: 385773
Ion Ratio Lower Upper
225 100
223 59.3 47.0 70.4
227 65.1 57.3 85.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 47.024 ng/ul

RT: 11.14 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

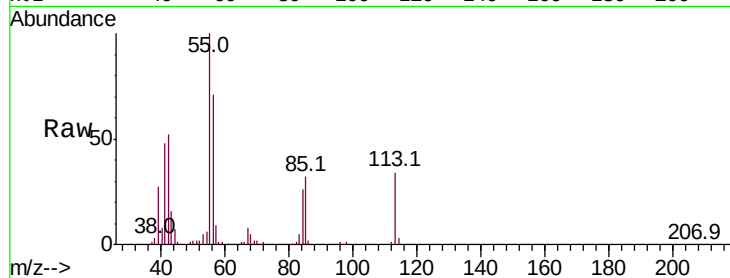
Tot Ion:113 Resp: 110594

Ion Ratio Lower Upper

113 100

55 293.8 209.1 313.7

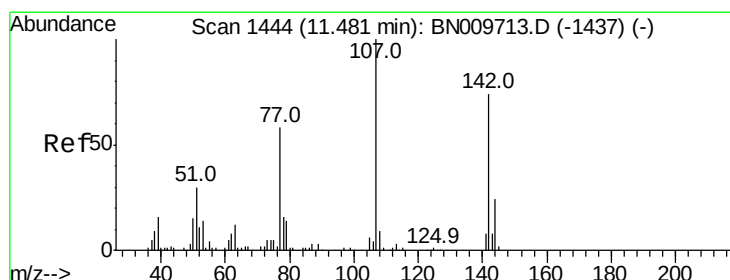
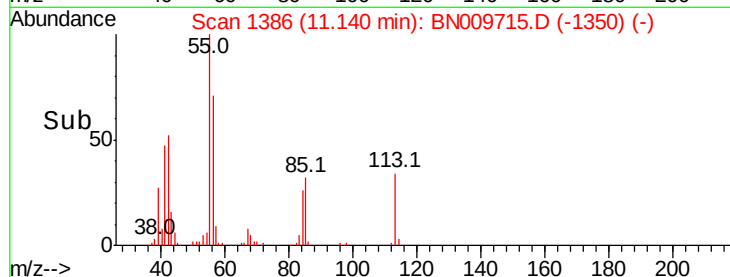
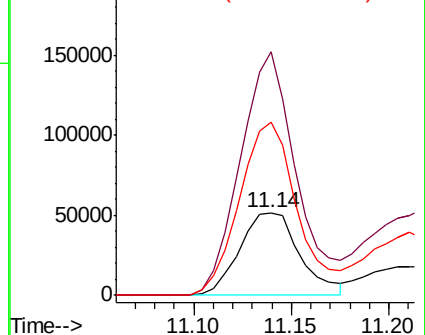
56 209.2 161.6 242.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BN0

Ion 56.00 (55.70 to 56.70): BN0



#33

4-Chloro-3-methylphenol

Concen: 82.824 ng/ul

RT: 11.49 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

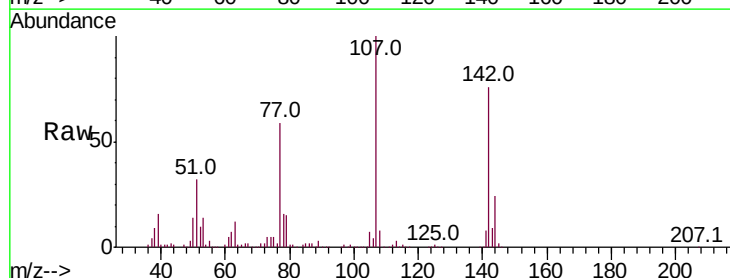
Tgt Ion:107 Resp: 707196

Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

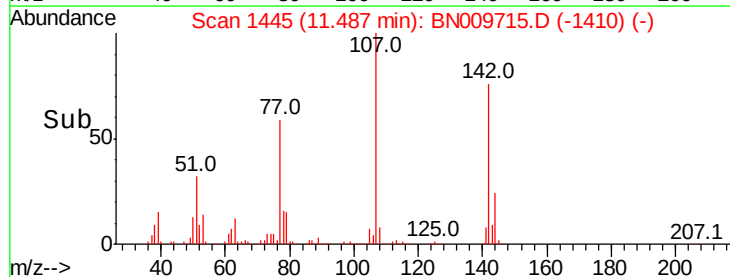
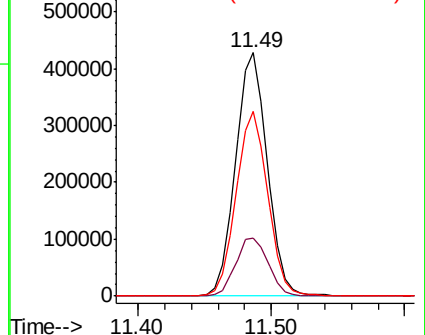
142 76.0 59.5 89.3

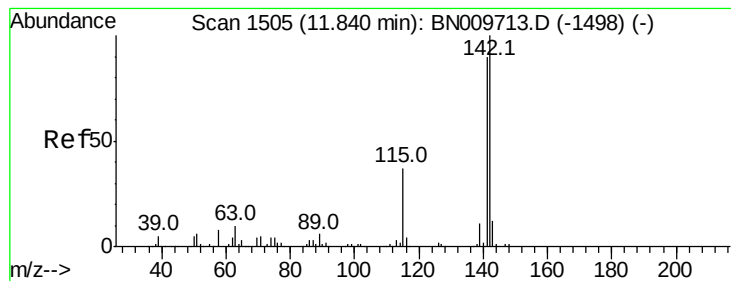


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 81.024 ng/uL

RT: 11.84 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

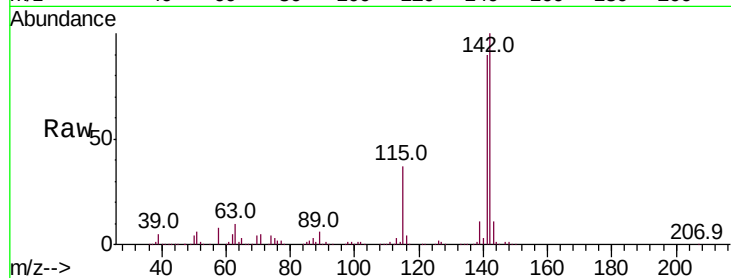
ClientSampleId :

Tot Ion:142 Resp: 1417577

Ion Ratio Lower Upper

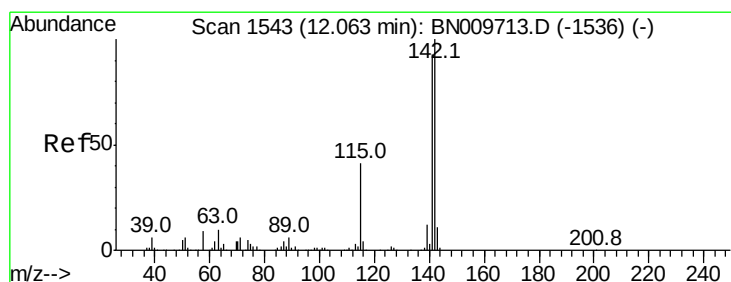
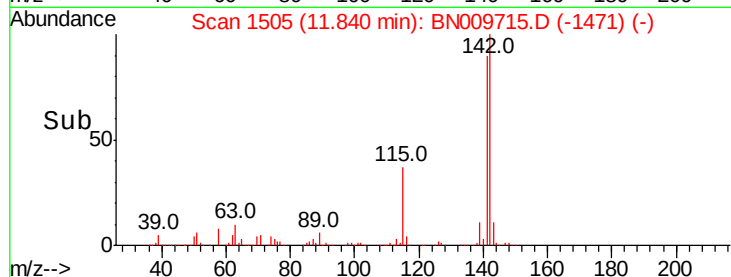
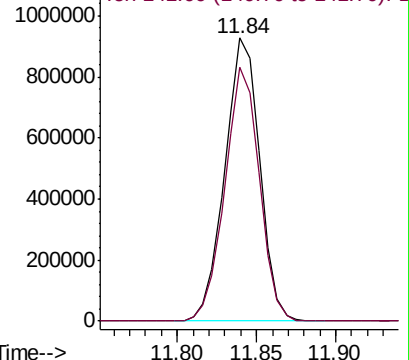
142 100

141 89.9 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 81.423 ng/uL

RT: 12.06 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

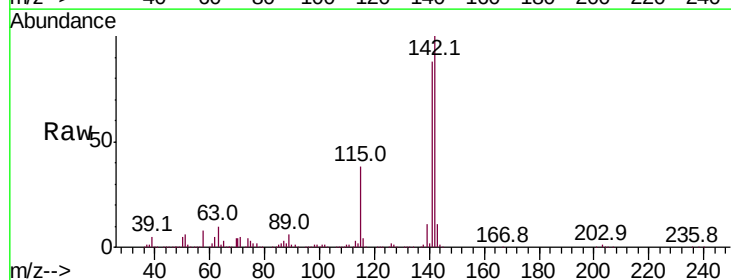
Tgt Ion:142 Resp: 1415235

Ion Ratio Lower Upper

142 100

141 91.6 72.8 109.2

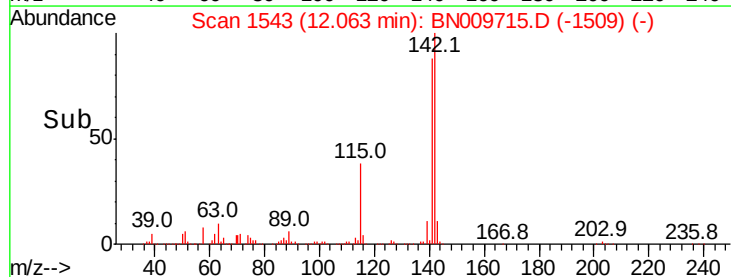
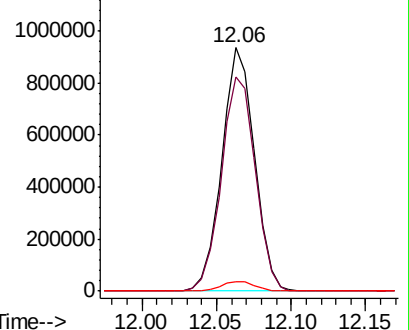
116 4.1 3.2 4.8

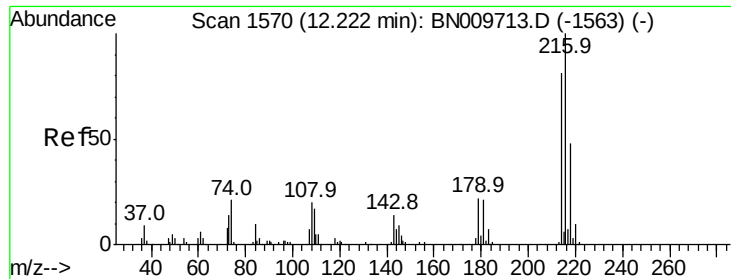


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

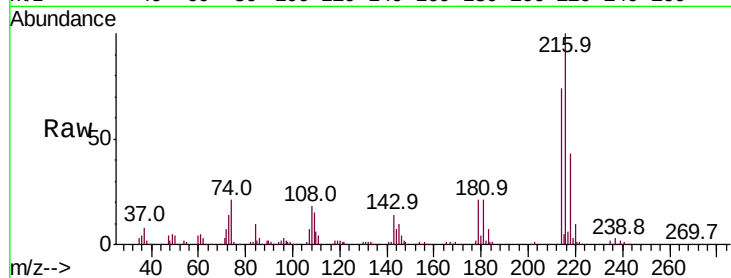




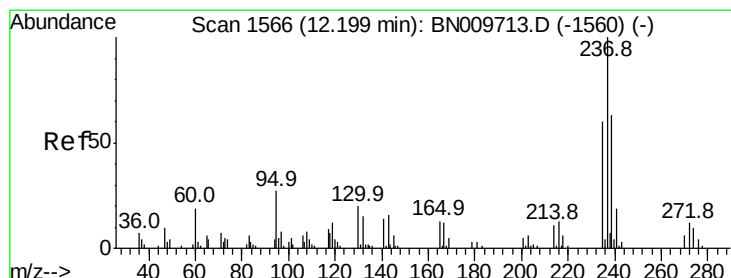
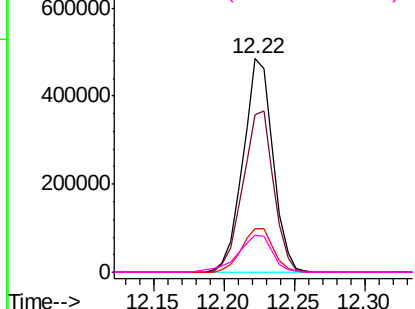
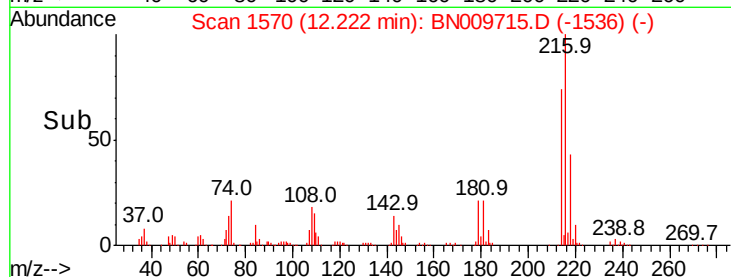
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 82.969 ng/ul
 RT: 12.22 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BN009715.D
 Acq: 12 Feb 2020 16:00

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:	216	Resp:	719868
Ion	Ratio	Lower	Upper
216	100		
214	73.5	64.8	97.2
179	20.6	17.6	26.4
108	17.6	16.3	24.5

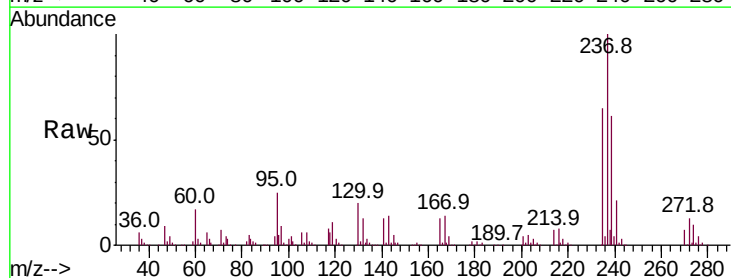


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

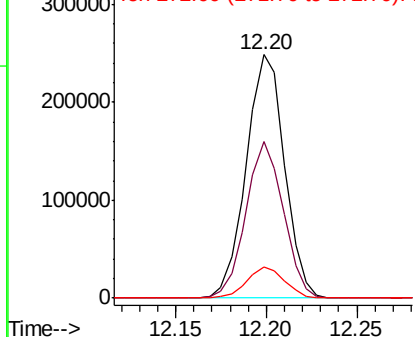
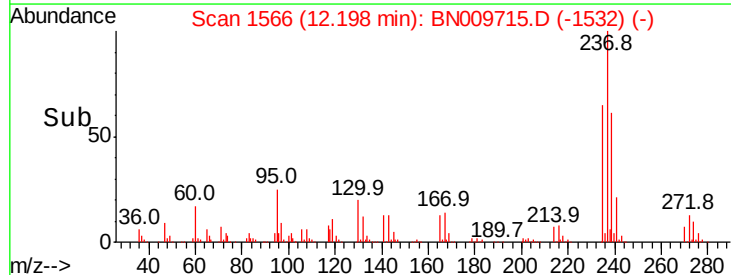


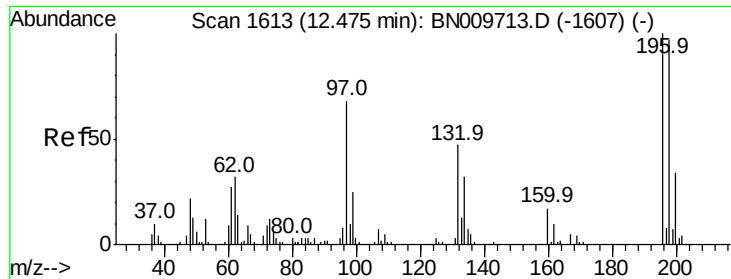
#38
 Hexachlorocyclopentadiene
 Concen: 119.169 ng/ul
 RT: 12.20 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BN009715.D
 Acq: 12 Feb 2020 16:00

Tgt Ion:	237	Resp:	365808
Ion	Ratio	Lower	Upper
237	100		
235	64.5	48.3	72.5
272	13.0	9.6	14.4



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

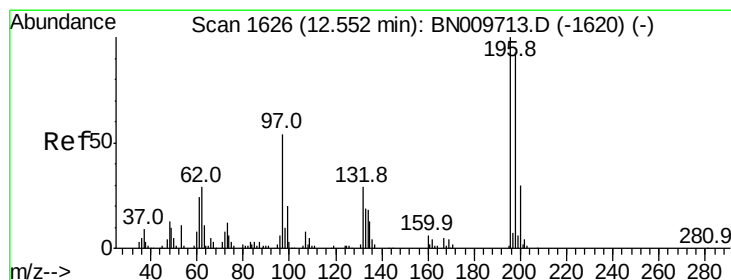
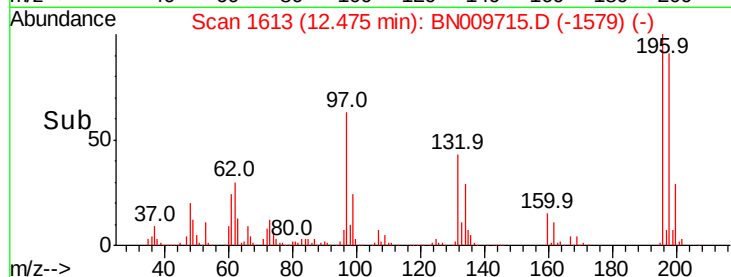
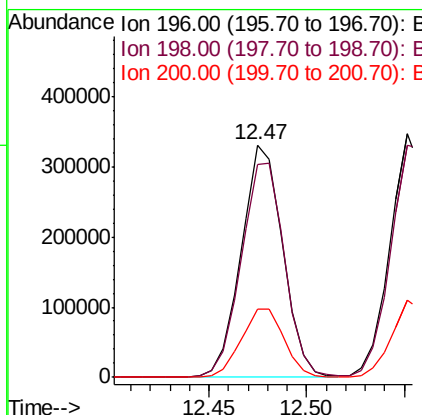
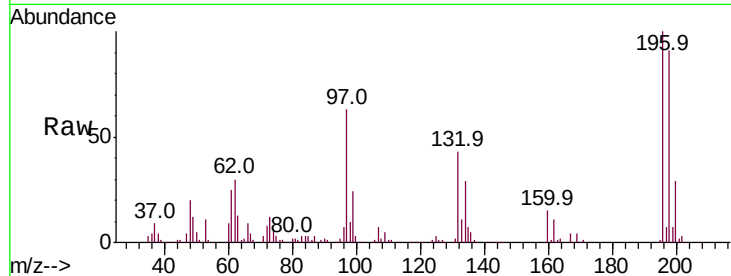




#39
 2,4,6-Trichlorophenol
 Concen: 87.070 ng/ul
 RT: 12.47 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BN009715.D
 Acq: 12 Feb 2020 16:00

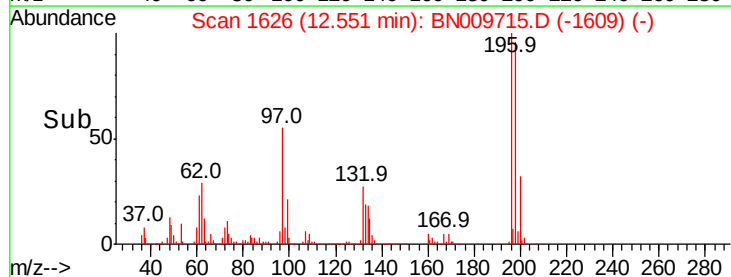
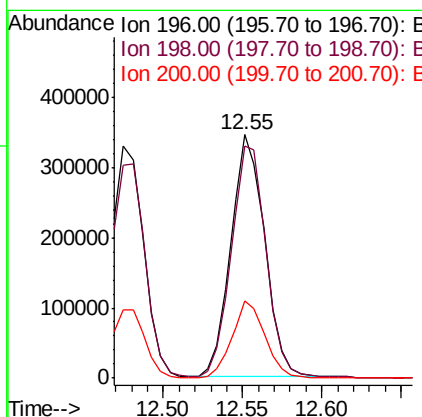
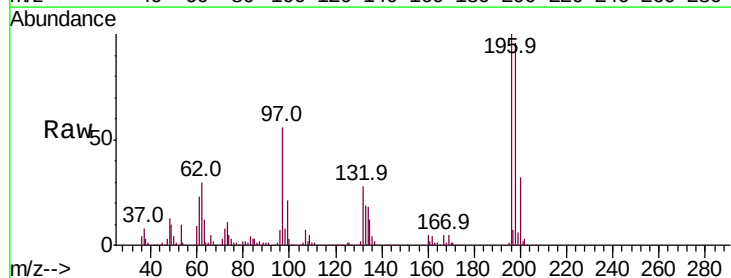
Instrument :
 BNA_N
 ClientSampled :

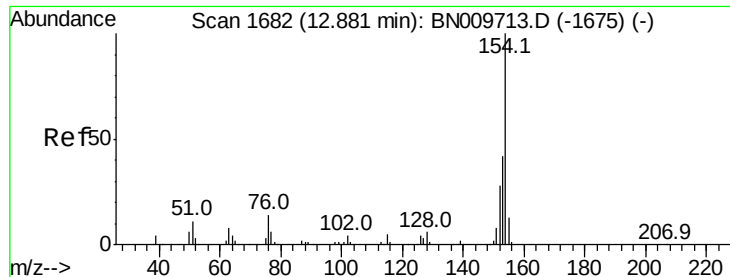
Tot Ion	196	Resp	489562
Ion Ratio	100	Lower	Upper
196	100		
198	91.5	77.2	115.8
200	29.4	26.8	40.2



#40
 2,4,5-Trichlorophenol
 Concen: 83.843 ng/ul
 RT: 12.55 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BN009715.D
 Acq: 12 Feb 2020 16:00

Tgt Ion	196	Resp	511050
Ion Ratio	100	Lower	Upper
196	100		
198	95.5	75.0	112.6
200	31.6	24.2	36.4

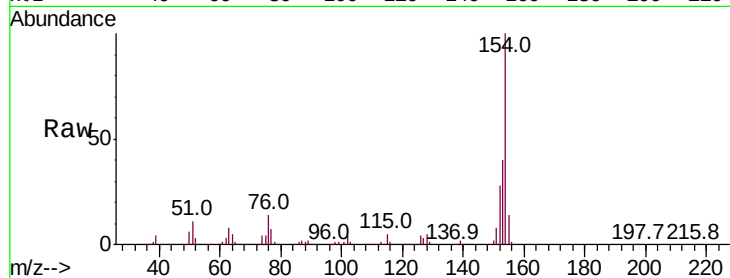




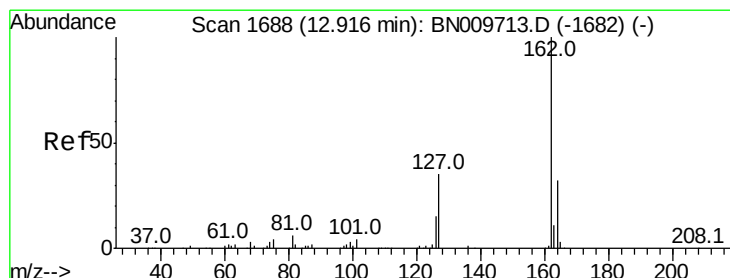
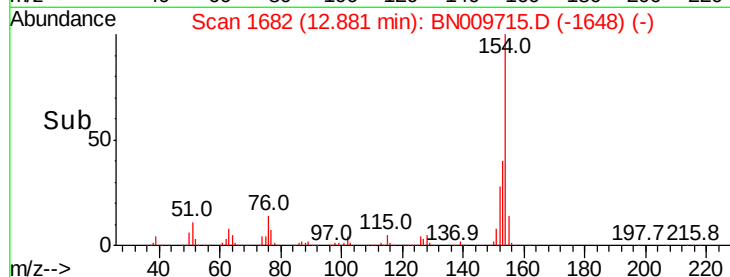
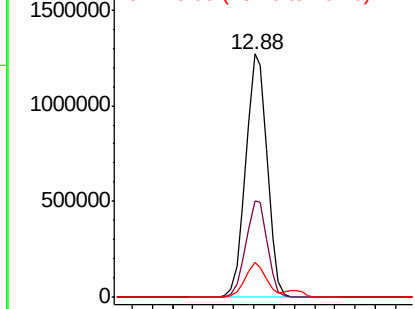
#41
 1,1'-Biphenyl
 Concen: 82.236 ng/ul
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BN009715.D
 Acq: 12 Feb 2020 16:00

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:154 Resp: 1856629
 Ion Ratio Lower Upper
 154 100
 153 39.8 33.2 49.8
 76 14.1 11.0 16.4

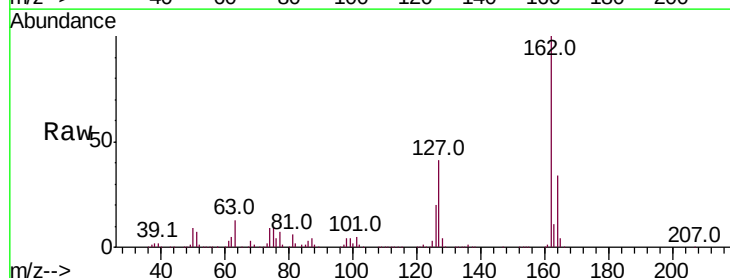


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

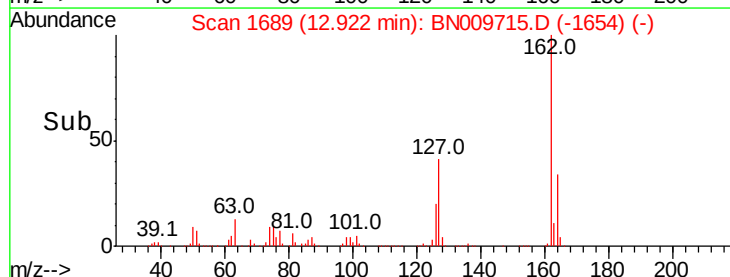
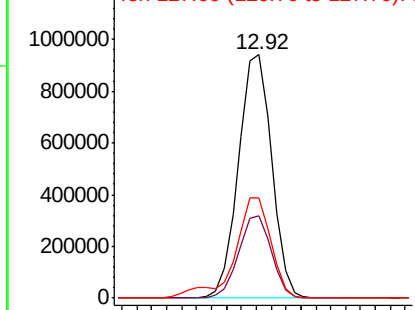


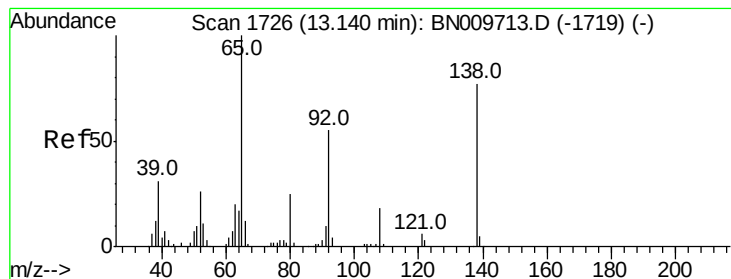
#42
 2-Chloronaphthalene
 Concen: 80.733 ng/ul
 RT: 12.92 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BN009715.D
 Acq: 12 Feb 2020 16:00

Tgt Ion:162 Resp: 1456428
 Ion Ratio Lower Upper
 162 100
 164 33.7 25.7 38.5
 127 41.3 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





#43

2-Nitroaniline

Concen: 89.244 ng/ul

RT: 13.15 min Scan# 1727

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampled :

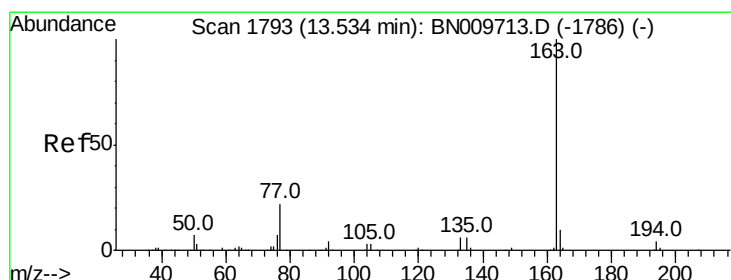
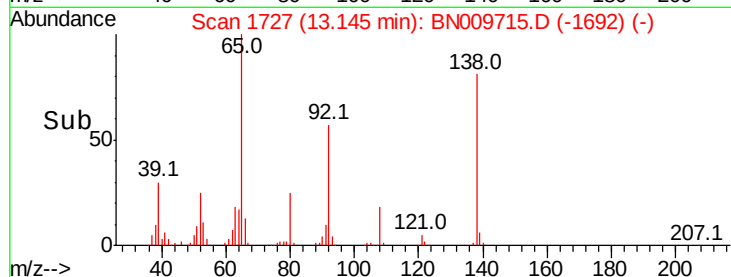
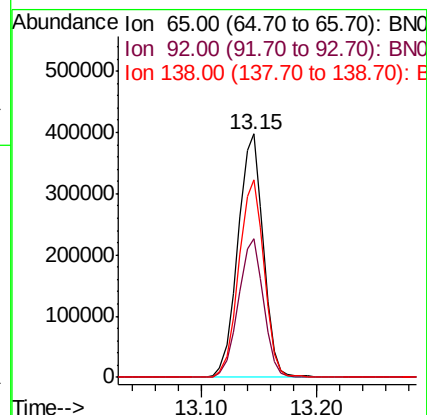
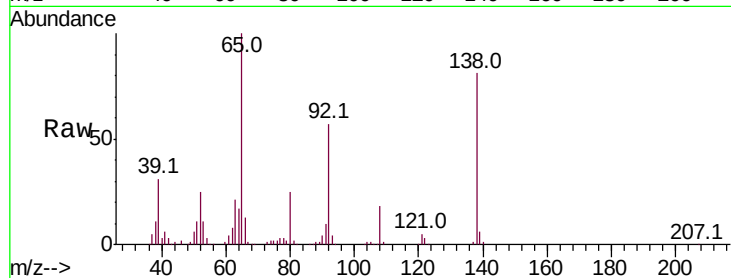
Tot Ion: 65 Resp: 604806

Ion Ratio Lower Upper

65 100

92 57.0 43.6 65.4

138 81.4 61.3 91.9



#45

Dimethylphthalate

Concen: 79.776 ng/ul

RT: 13.54 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

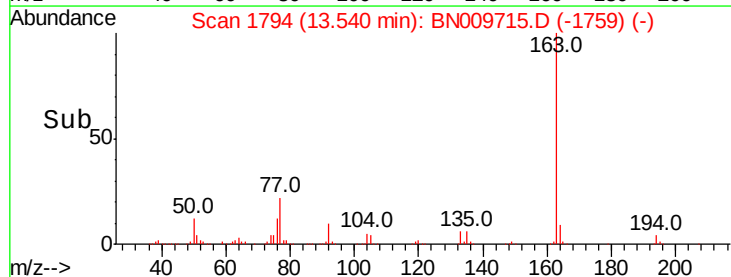
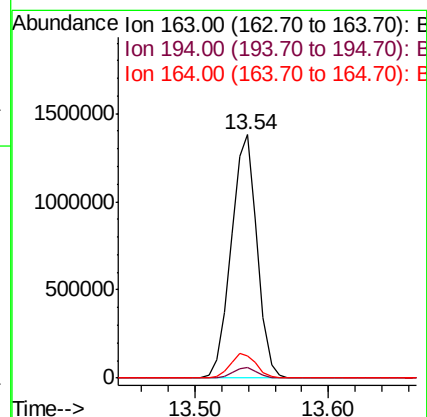
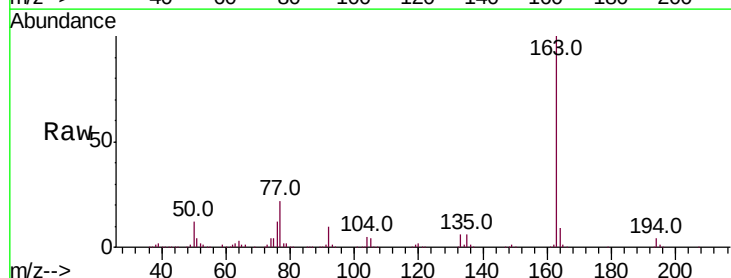
Tgt Ion:163 Resp: 1874502

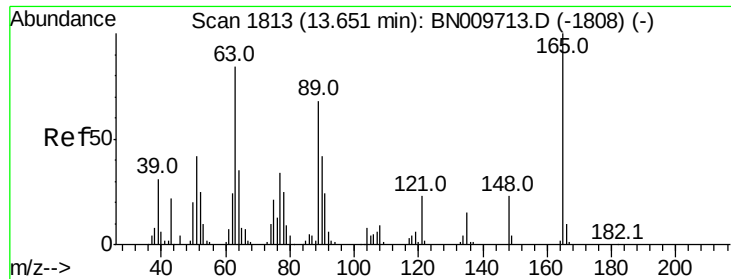
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.3 8.0 12.0

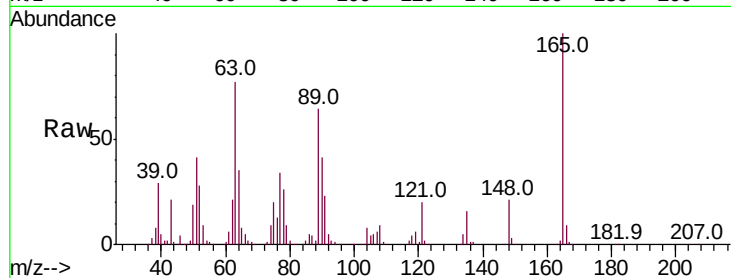




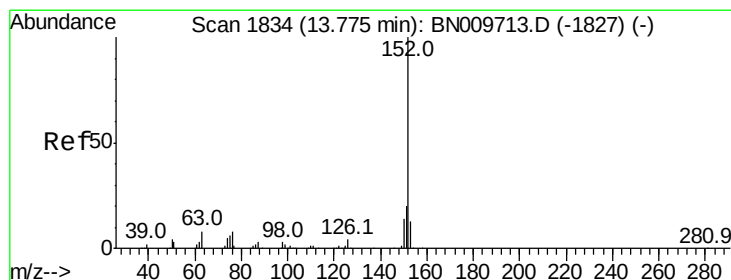
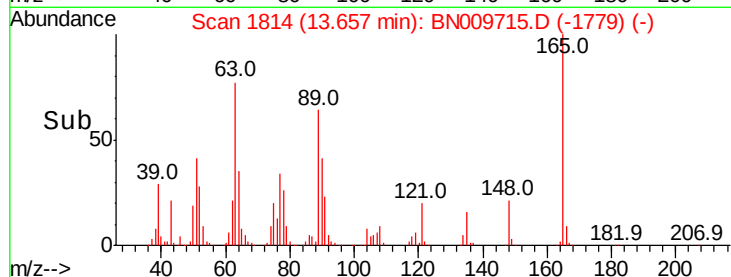
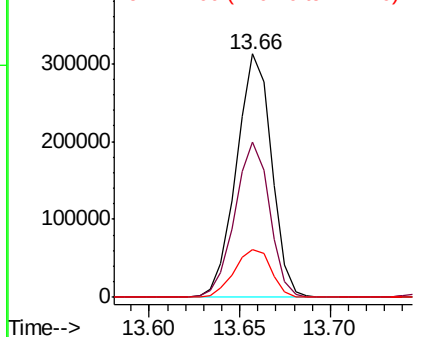
#46
2,6-Dinitrotoluene
Concen: 90.284 ng/ul
RT: 13.66 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 421571
Ion Ratio Lower Upper
165 100
89 63.8 54.1 81.1
121 19.8 18.1 27.1

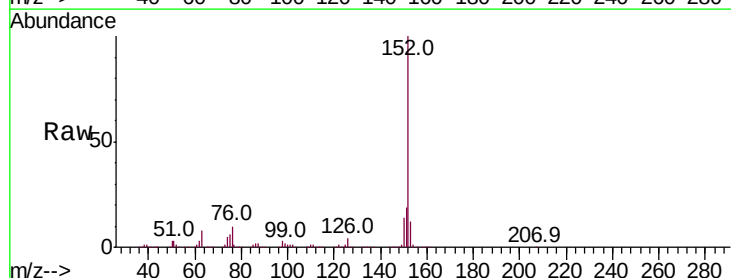


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BNO
Ion 121.00 (120.70 to 121.70): E

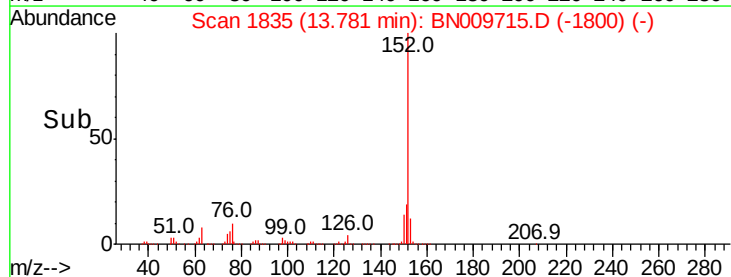
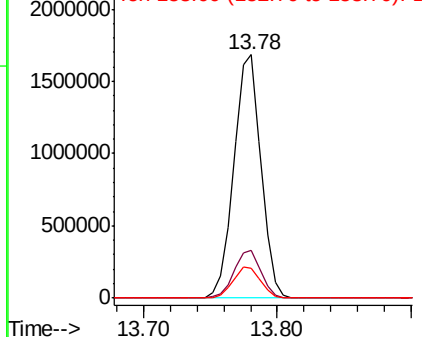


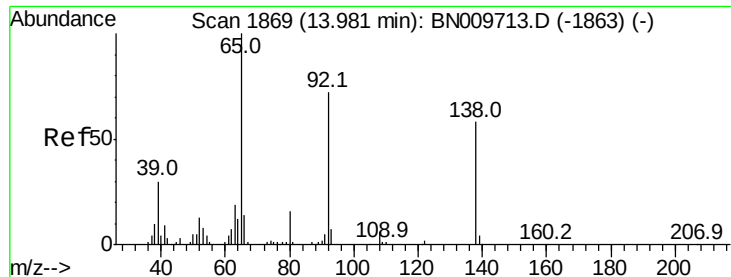
#48
Acenaphthylene
Concen: 82.561 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Tgt Ion:152 Resp: 2374905
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 12.3 10.3 15.5



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

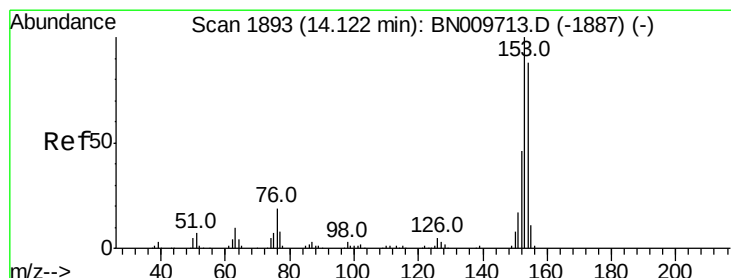
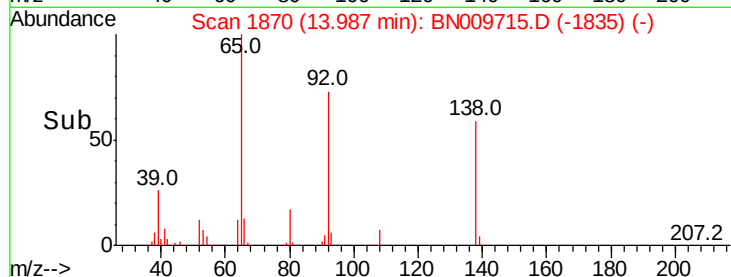
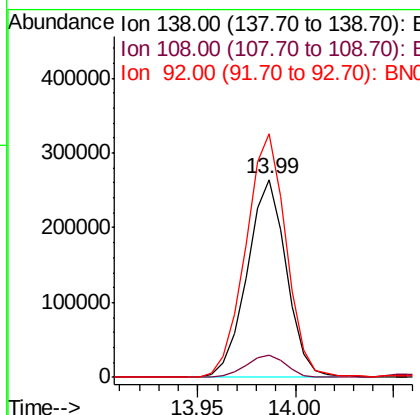
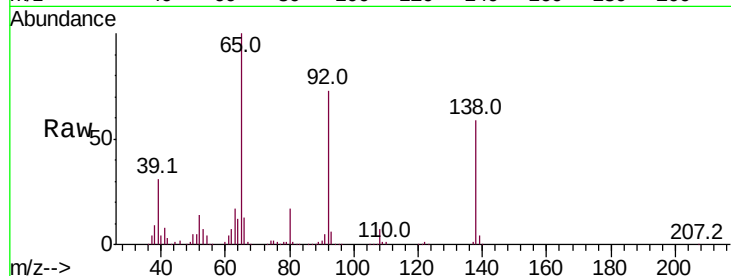




#49
3-Nitroaniline
Concen: 88.193 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

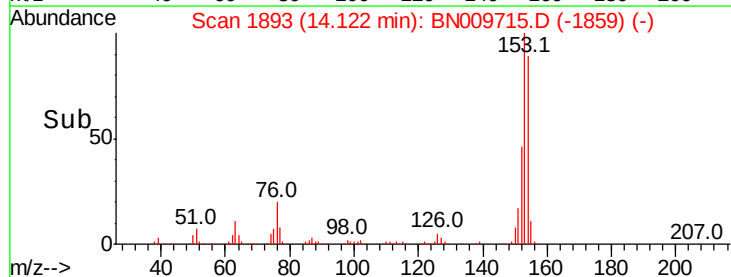
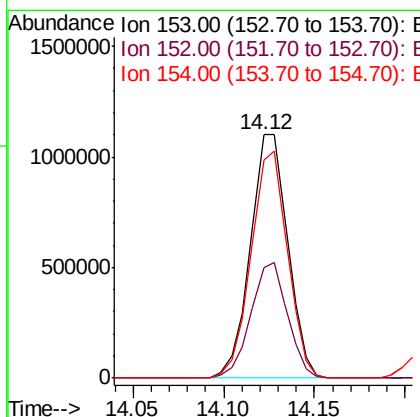
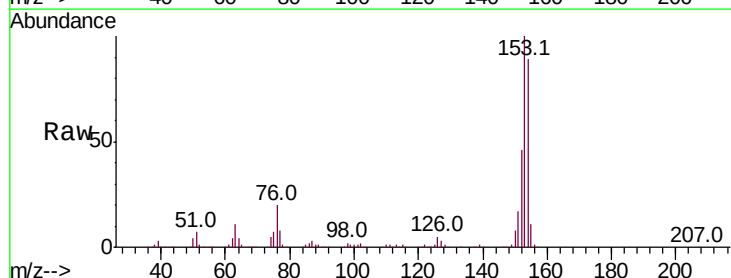
Instrument :
BNA_N
ClientSampleId :

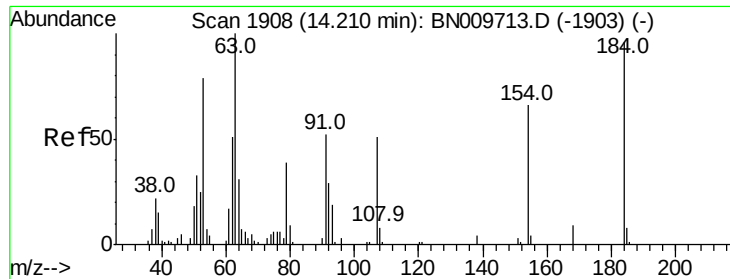
Tot Ion:138 Resp: 369502
Ion Ratio Lower Upper
138 100
108 11.5 8.9 13.3
92 123.1 99.2 148.8



#50
Acenaphthene
Concen: 81.205 ng/ul
RT: 14.12 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Tgt Ion:153 Resp: 1581607
Ion Ratio Lower Upper
153 100
152 45.5 36.6 54.8
154 89.5 70.6 106.0





#51

2,4-Dinitrophenol

Concen: 118.256 ng/ul

RT: 14.21 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

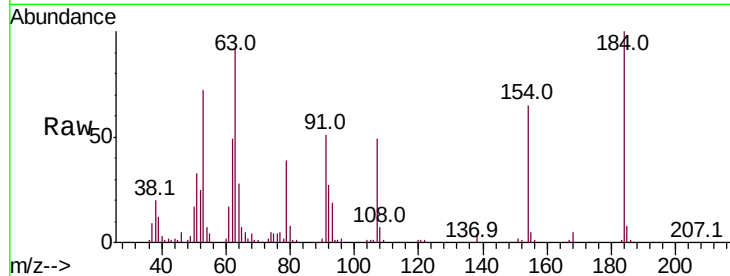
Tot Ion:184 Resp: 255351

Ion Ratio Lower Upper

184 100

63 92.1 83.0 124.6

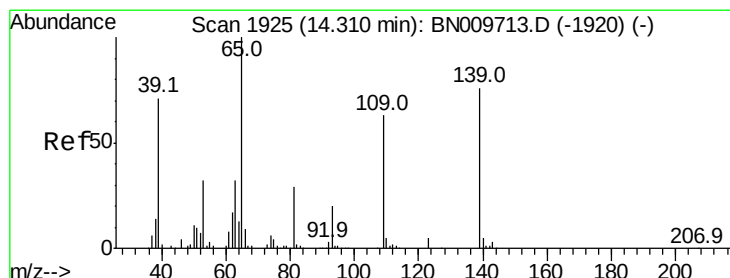
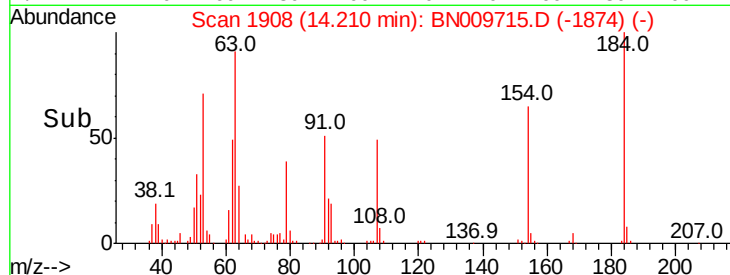
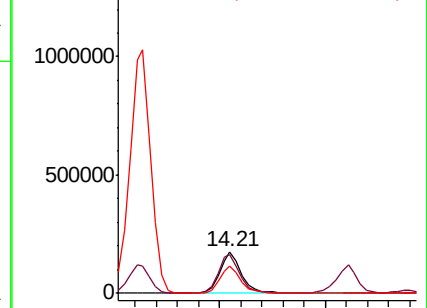
154 64.8 54.9 82.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 88.491 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

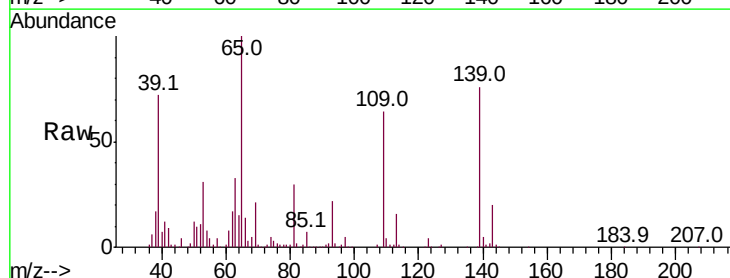
Tgt Ion:109 Resp: 312718

Ion Ratio Lower Upper

109 100

139 119.1 96.3 144.5

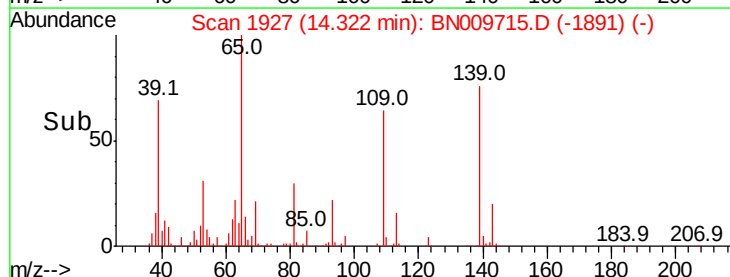
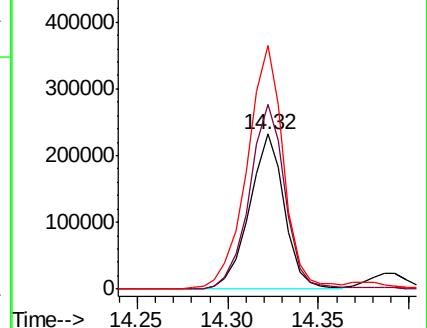
65 156.9 129.9 194.9

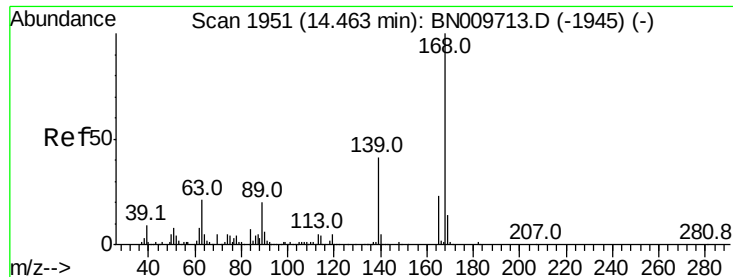


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BN0





#54

Dibenzofuran

Concen: 80.988 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

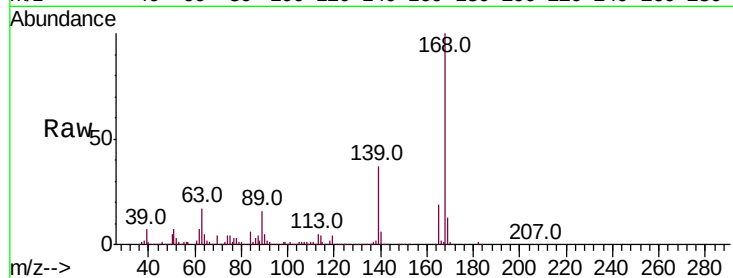
ClientSampleId :

Tot Ion:168 Resp: 2178660

Ion Ratio Lower Upper

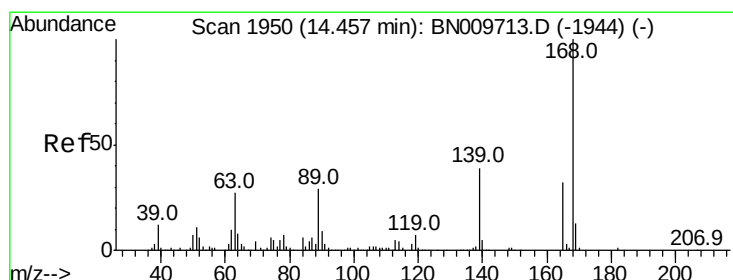
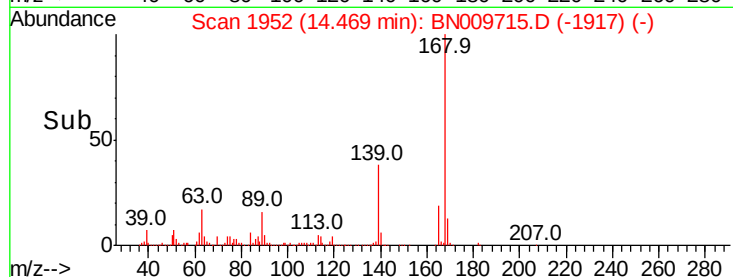
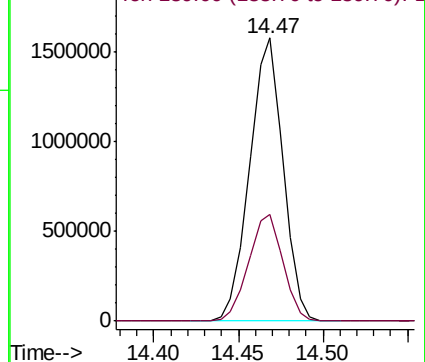
168 100

139 37.5 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 86.673 ng/ul

RT: 14.46 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

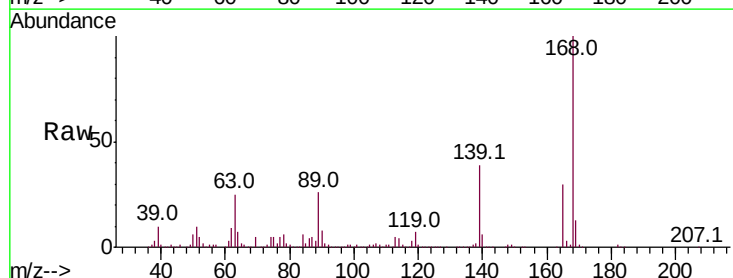
Tgt Ion:165 Resp: 601719

Ion Ratio Lower Upper

165 100

63 81.5 68.3 102.5

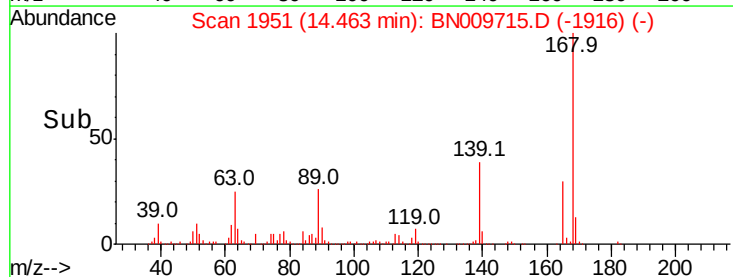
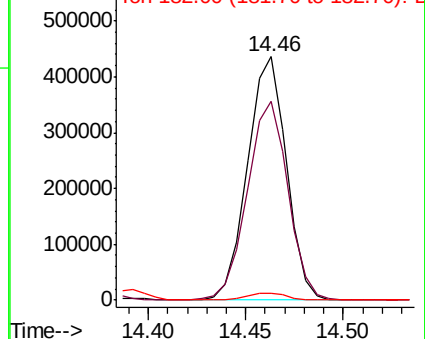
182 3.0 2.2 3.4

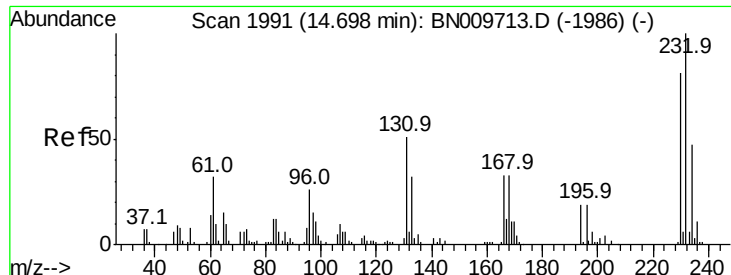


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BN0

Ion 182.00 (181.70 to 182.70): E

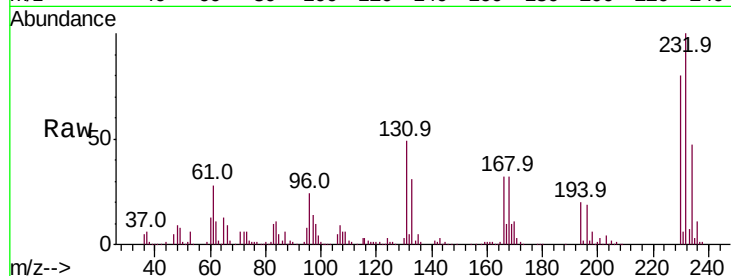




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 84.642 ng/ul
 RT: 14.70 min Scan# 1992
 Delta R.T. 0.01 min
 Lab File: BN009715.D
 Acq: 12 Feb 2020 16:00

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.1	40.6	60.8
130	2.6	2.2	3.4
166	32.3	26.6	39.8



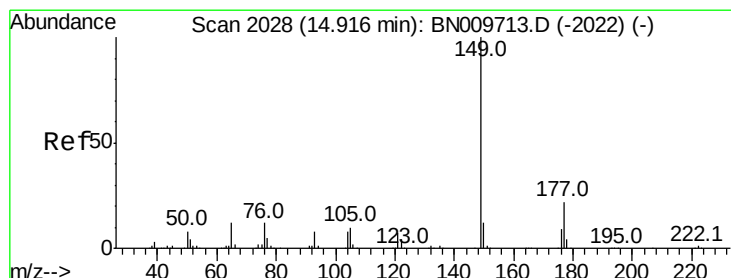
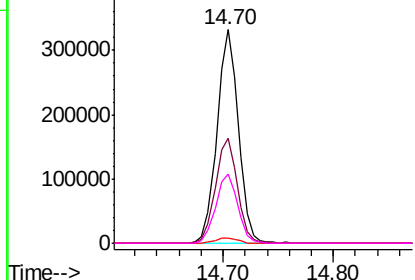
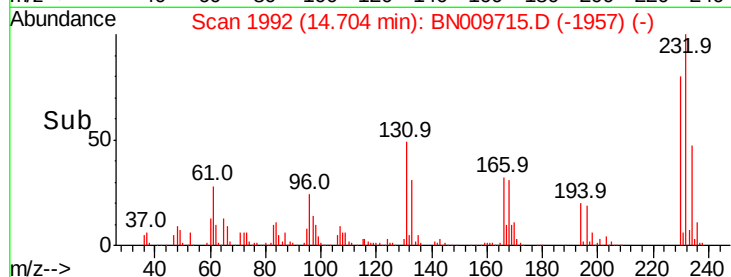
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

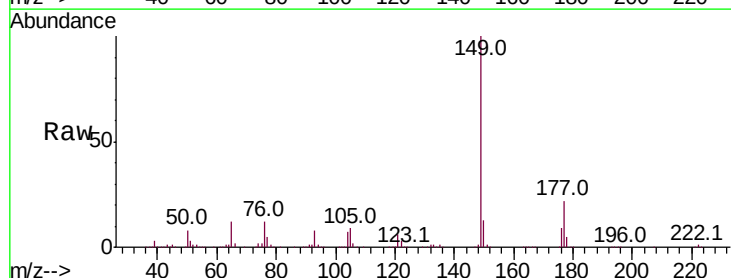
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57
 Diethylphthalate
 Concen: 82.955 ng/ul
 RT: 14.92 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BN009715.D
 Acq: 12 Feb 2020 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.8	26.6
150	12.7	9.8	14.6

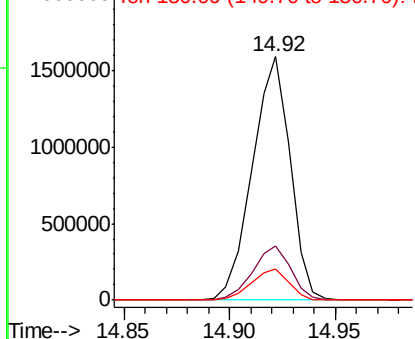
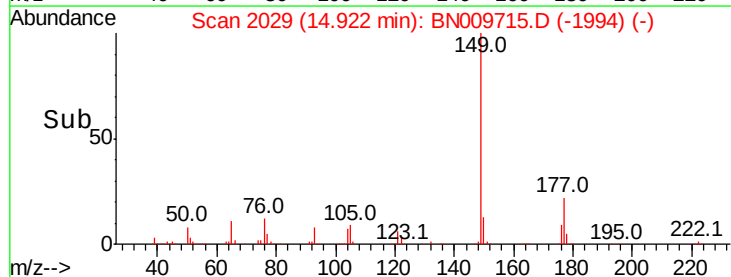


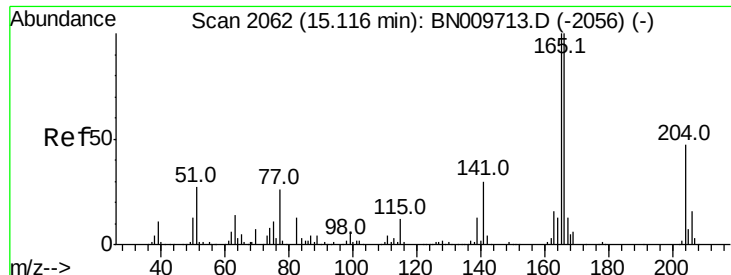
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 83.289 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

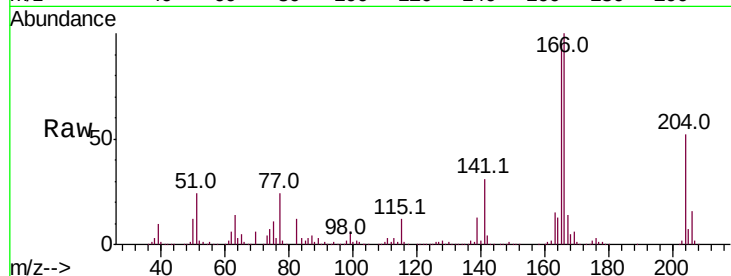
Tot Ion:166 Resp: 1882511

Ion Ratio Lower Upper

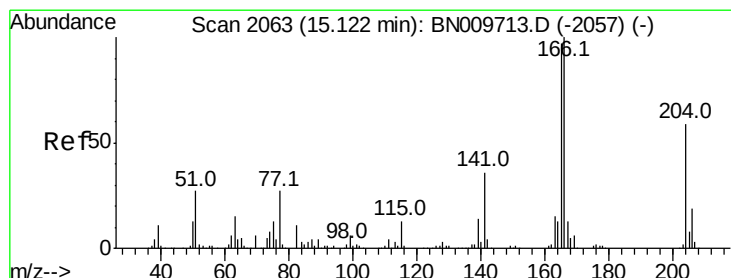
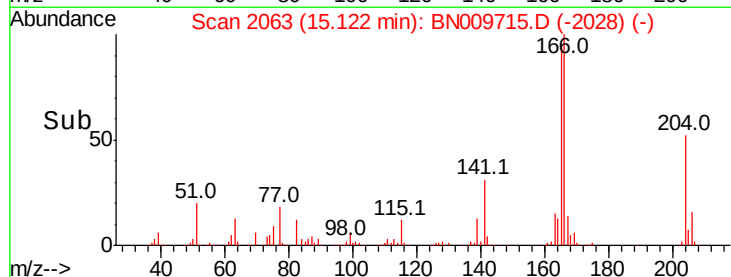
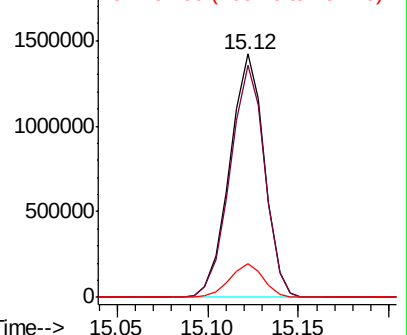
166 100

165 95.3 79.8 119.8

167 14.0 10.7 16.1



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: 81.412 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

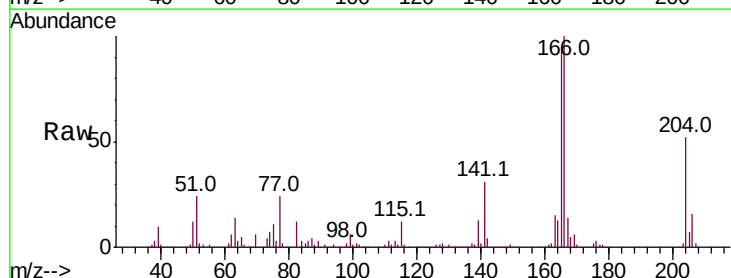
Tgt Ion:204 Resp: 913748

Ion Ratio Lower Upper

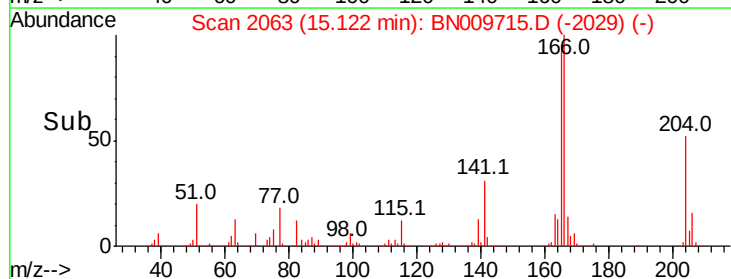
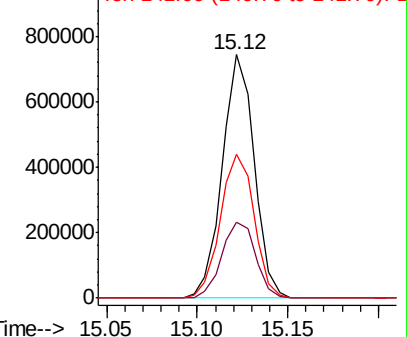
204 100

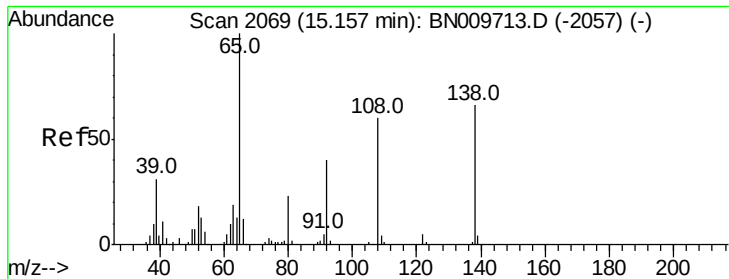
206 31.5 26.5 39.7

141 58.8 48.8 73.2



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

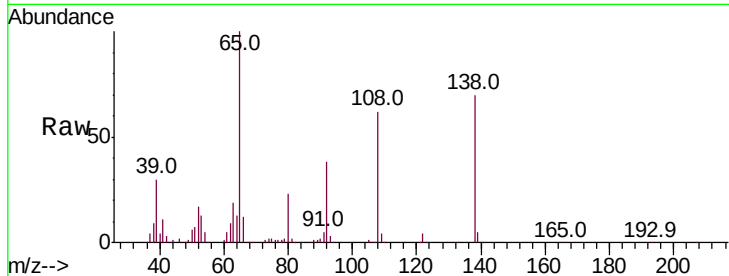




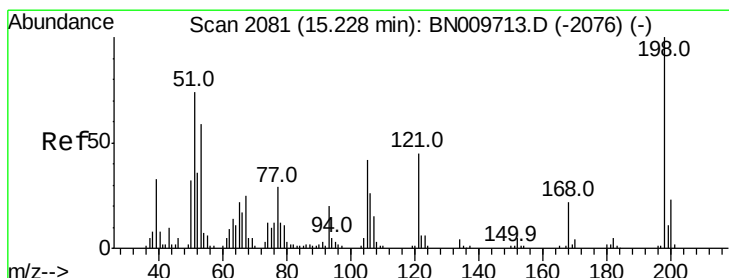
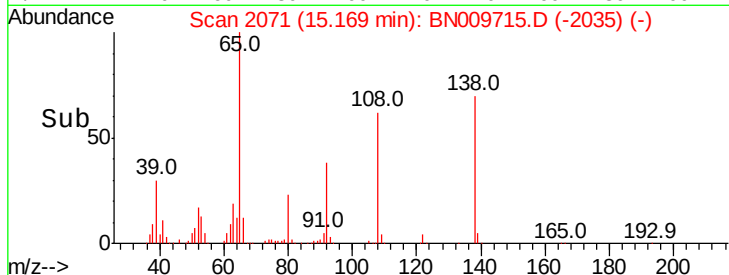
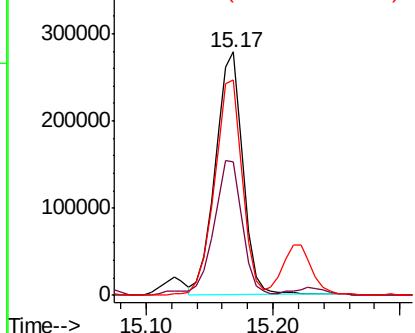
#61
4-Nitroaniline
Concen: 81.343 ng/ul
RT: 15.17 min Scan# 2071
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Instrument :
BNA_N
ClientSampled :

Tot Ion:138 Resp: 418639
Ion Ratio Lower Upper
138 100
92 54.6 47.8 71.6
108 88.5 72.3 108.5

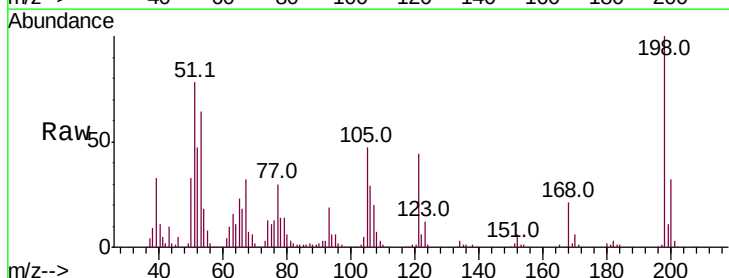


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BNO
Ion 108.00 (107.70 to 108.70): E

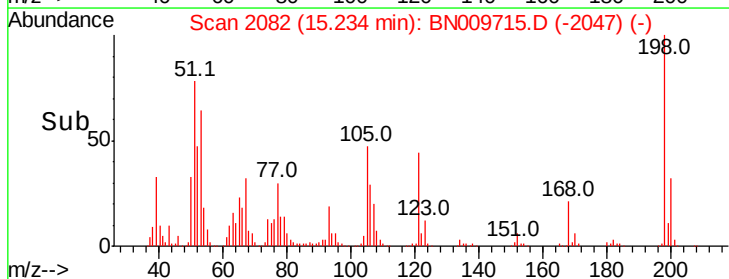
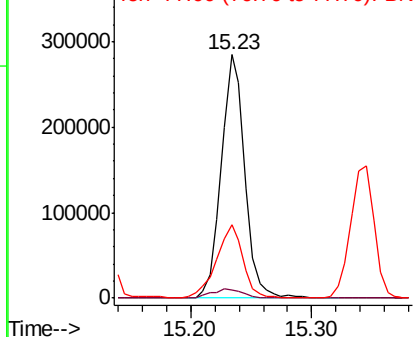


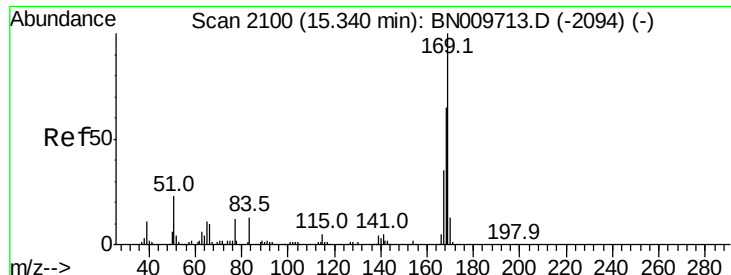
#64
4,6-Dinitro-2-methylphenol
Concen: 94.552 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Tgt Ion:198 Resp: 382639
Ion Ratio Lower Upper
198 100
182 3.3 3.7 5.5#
77 30.2 25.1 37.7



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BNO

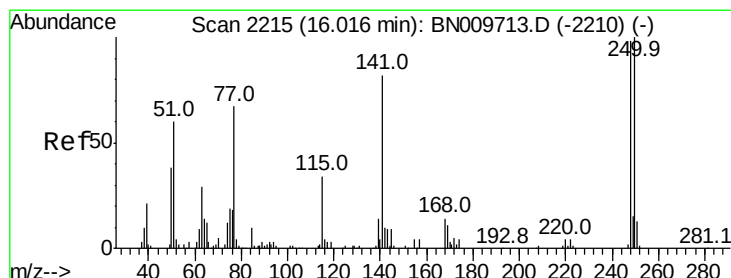
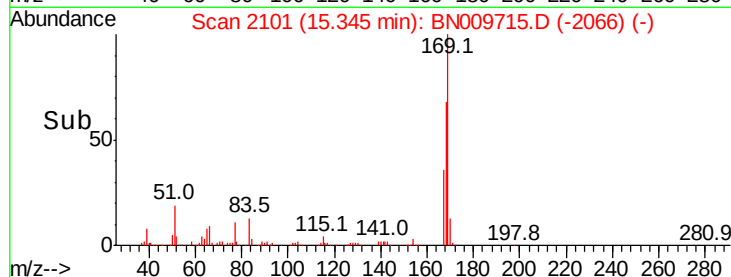
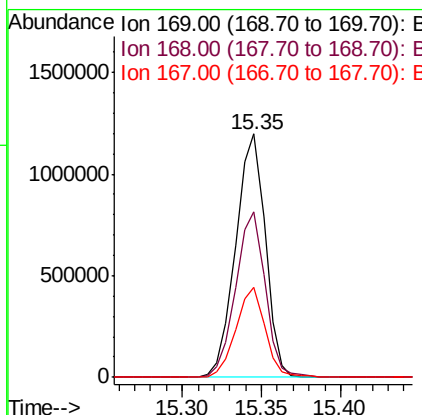
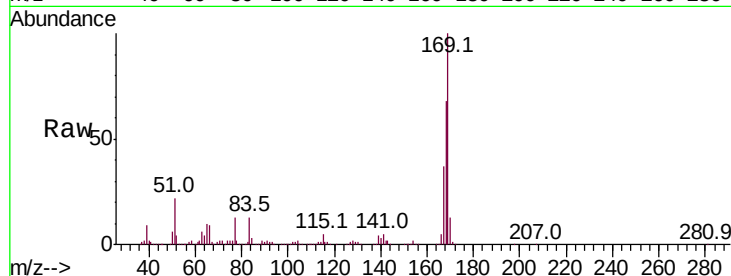




#65
N-Nitrosodiphenylamine
Concen: 81.452 ng/ul
RT: 15.35 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

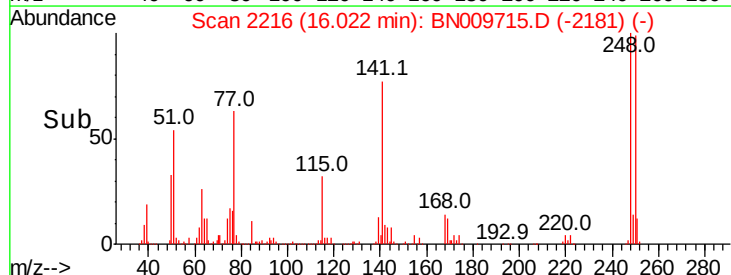
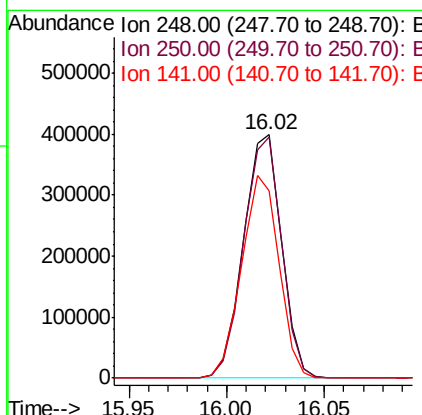
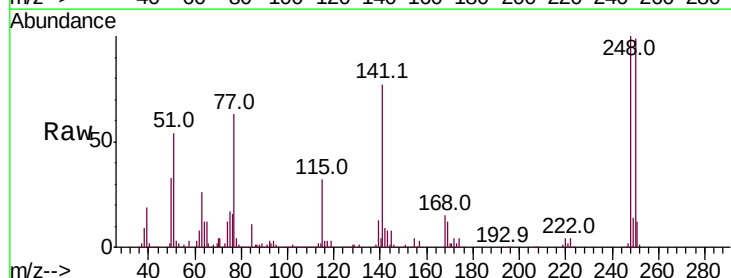
Instrument :
BNA_N
ClientSampleId :

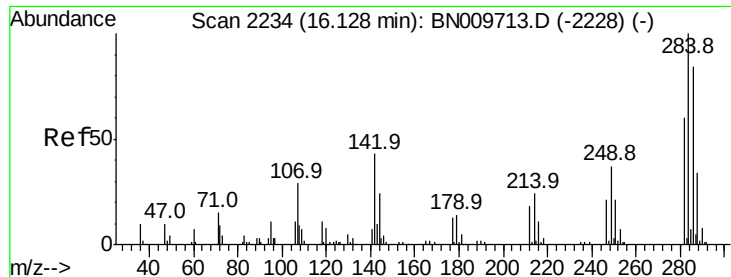
Tot Ion:169 Resp: 1553847
Ion Ratio Lower Upper
169 100
168 68.2 51.8 77.6
167 37.1 27.7 41.5



#66
4-Bromophenyl-phenylether
Concen: 81.471 ng/ul
RT: 16.02 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Tgt Ion:248 Resp: 540196
Ion Ratio Lower Upper
248 100
250 98.8 81.4 122.0
141 77.1 66.9 100.3





#67

Hexachlorobenzene

Concen: 84.418 ng/ul

RT: 16.13 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

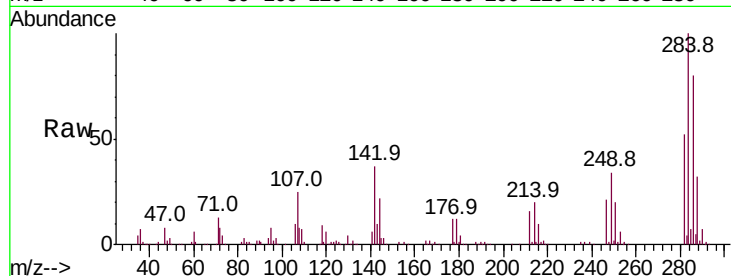
Tot Ion:284 Resp: 588589

Ion Ratio Lower Upper

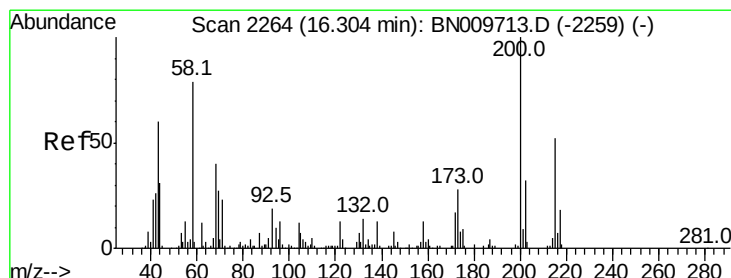
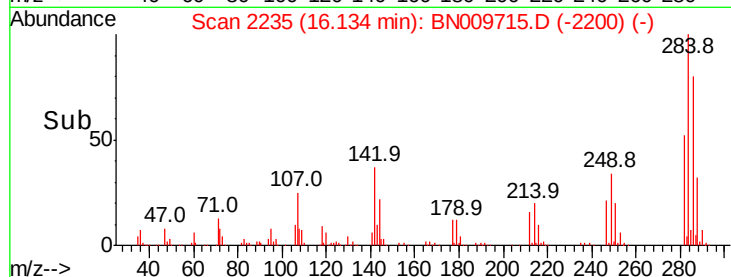
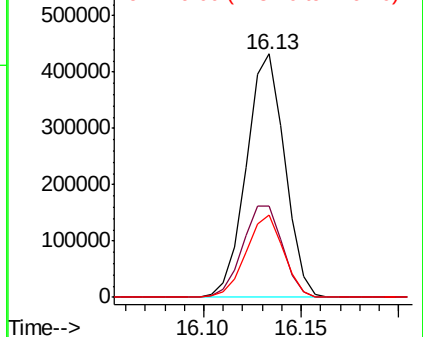
284 100

142 37.4 34.4 51.6

249 33.9 29.7 44.5



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: 86.072 ng/ul

RT: 16.32 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

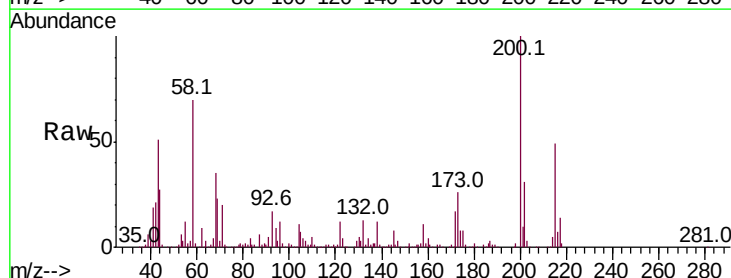
Tgt Ion:200 Resp: 602178

Ion Ratio Lower Upper

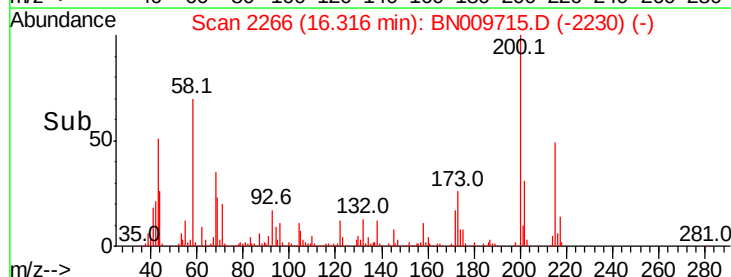
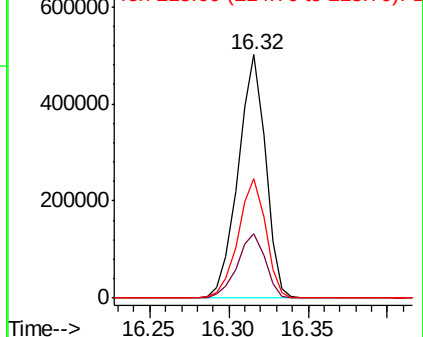
200 100

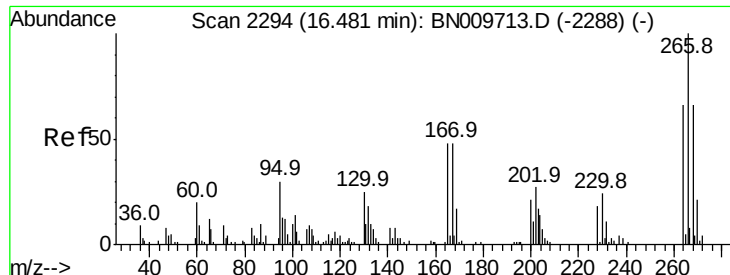
173 26.4 22.1 33.1

215 49.1 41.6 62.4



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: 92.881 ng/ul

RT: 16.48 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

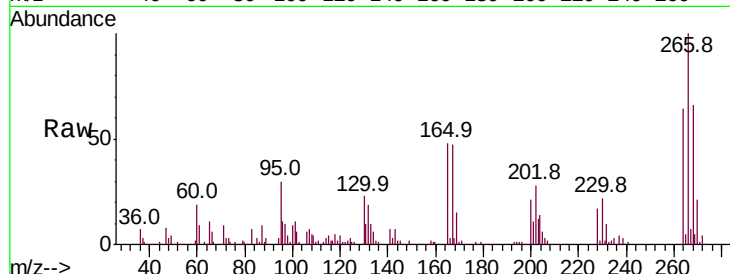
Tot Ion:266 Resp: 359972

Ion Ratio Lower Upper

266 100

264 63.6 52.9 79.3

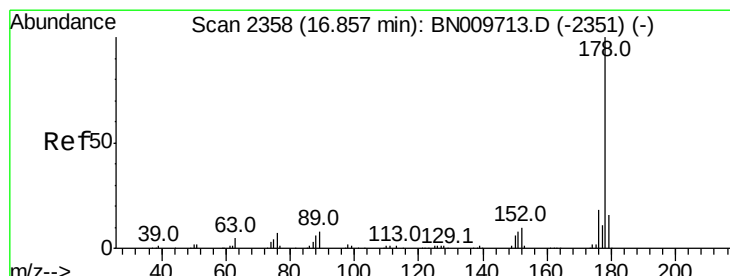
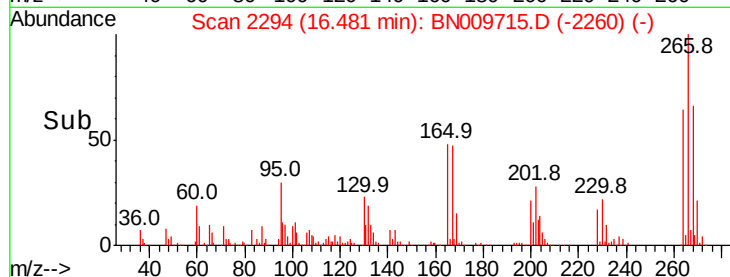
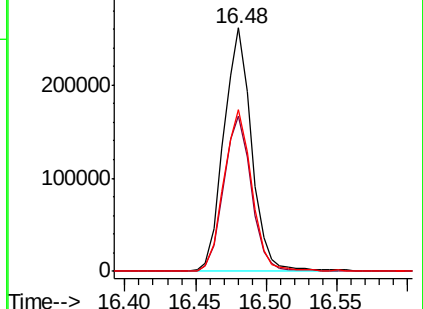
268 66.2 52.5 78.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 81.899 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

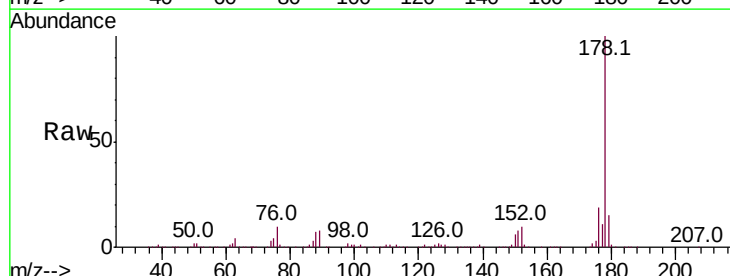
Tgt Ion:178 Resp: 2994242

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

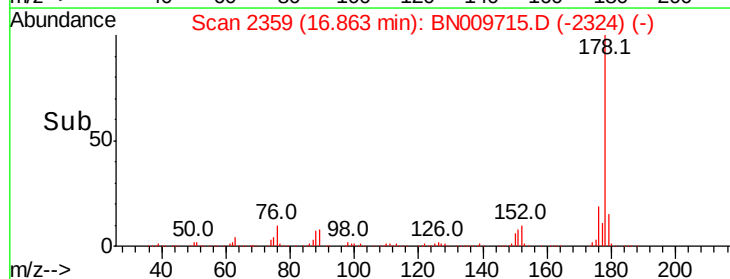
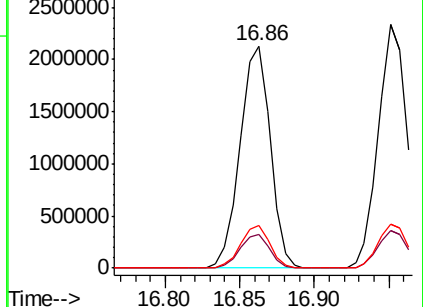
176 19.4 14.6 22.0

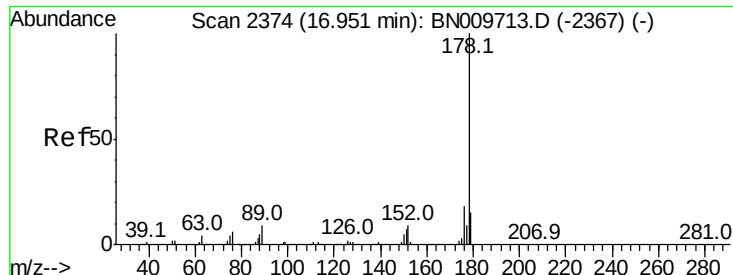


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 82.352 ng/uL

RT: 16.95 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

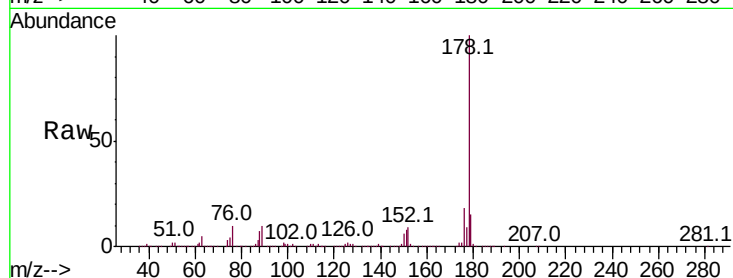
Tot Ion:178 Resp: 3075928

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.2	14.6	21.8

178 100

179 15.5 12.2 18.2

176 18.2 14.6 21.8

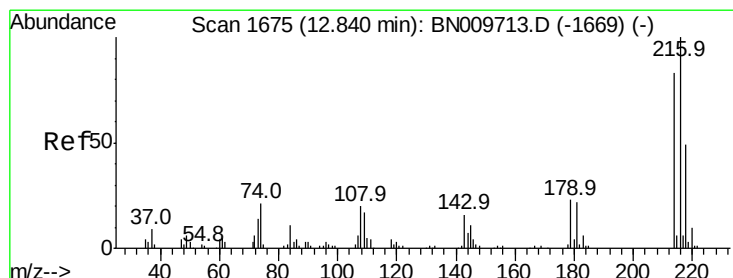
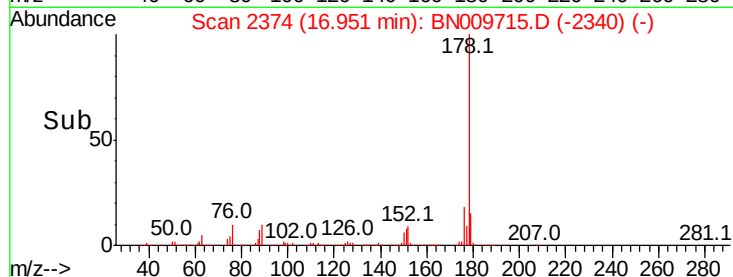
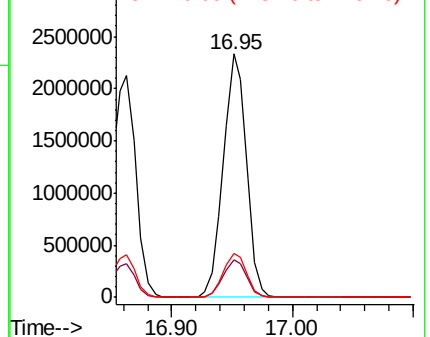


Abundance

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: 83.271 ng/uL

RT: 12.85 min Scan# 1676

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

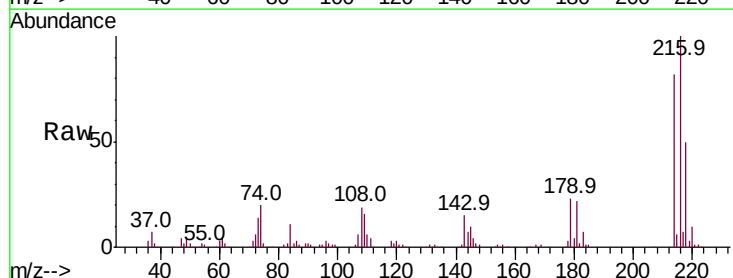
Tgt Ion:216 Resp: 767579

Ion	Ratio	Lower	Upper
216	100		
214	81.9	66.8	100.2
218	49.7	39.1	58.7

216 100

214 81.9 66.8 100.2

218 49.7 39.1 58.7

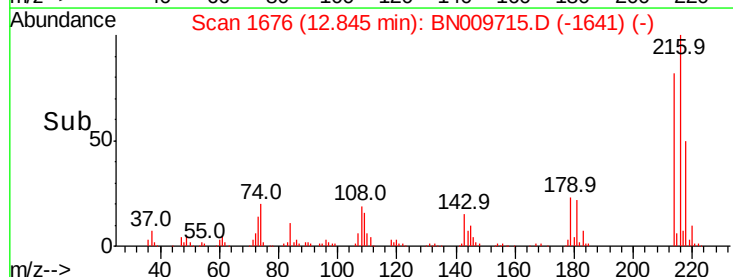
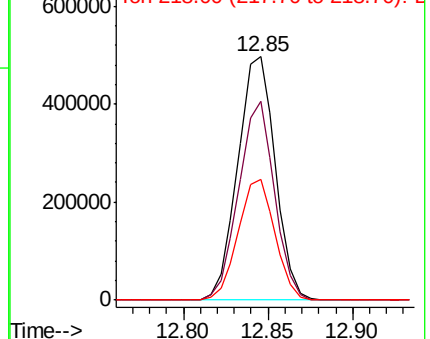


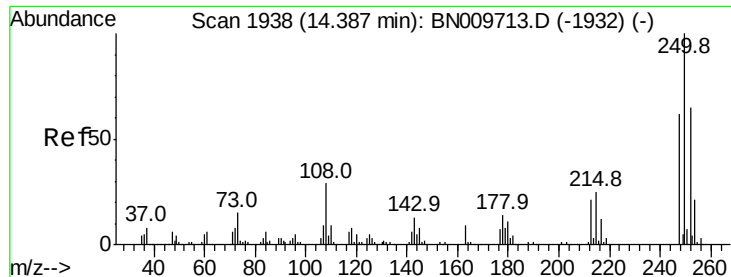
Abundance

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

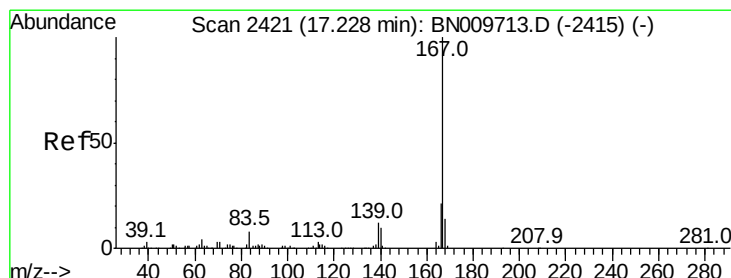
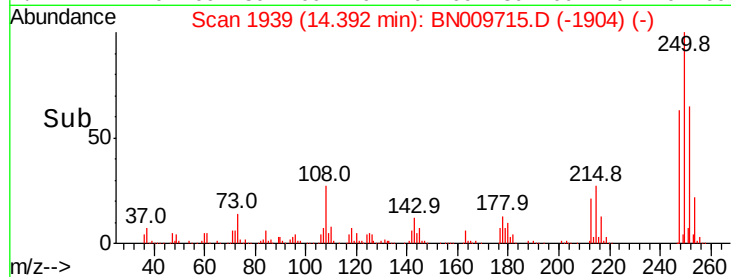
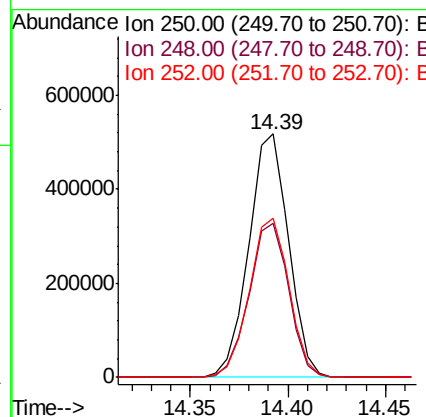
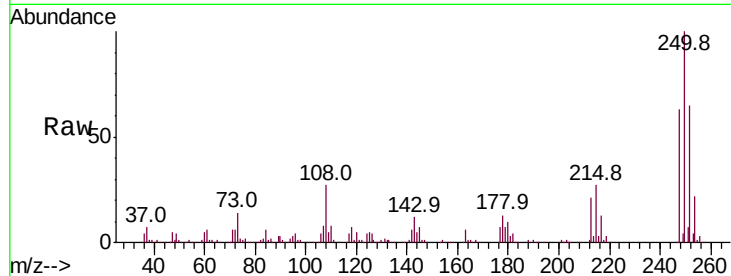




#74
 Pentachlorobenzene
 Concen: 80.355 ng/uL
 RT: 14.39 min Scan# 1939
 Delta R.T. 0.01 min
 Lab File: BN009715.D
 Acq: 12 Feb 2020 16:00

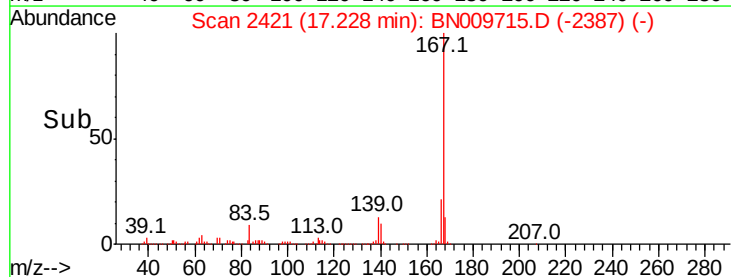
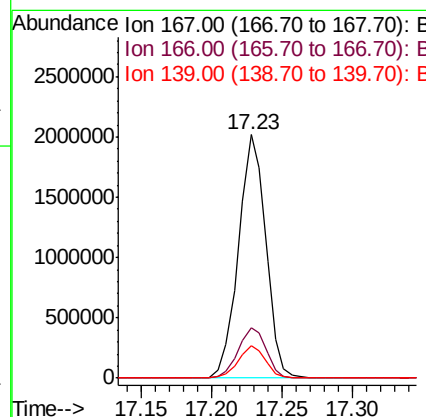
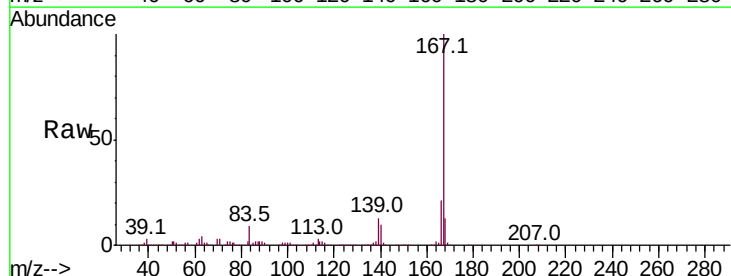
Instrument :
 BNA_N
 ClientSampleId :

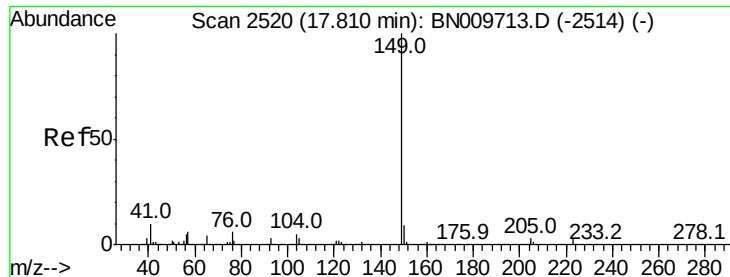
Tot Ion	Ratio	Lower	Upper
250	100		
248	63.3	49.4	74.0
252	65.3	51.8	77.6



#75
 Carbazole
 Concen: 83.175 ng/uL
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BN009715.D
 Acq: 12 Feb 2020 16:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.6	24.8
139	13.2	9.9	14.9

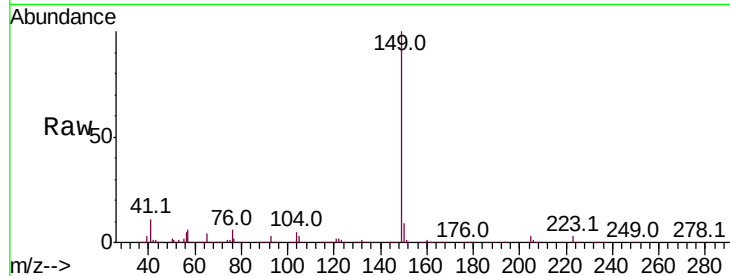




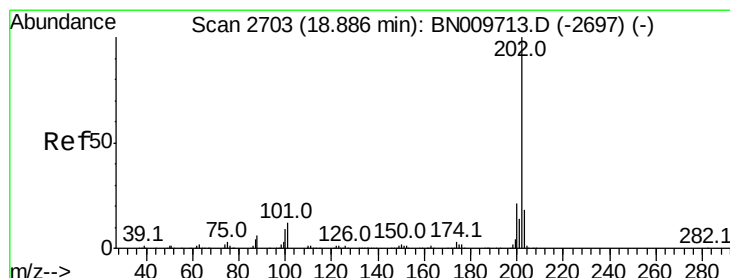
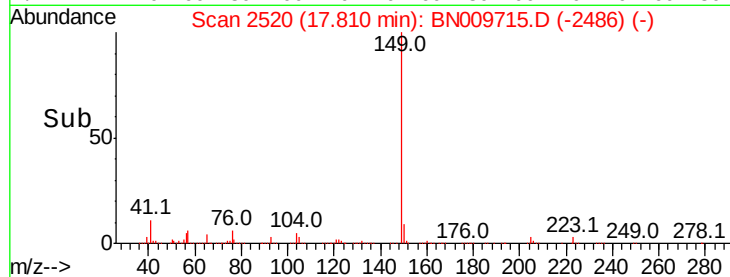
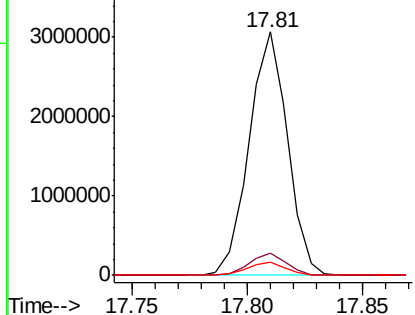
#76
Di-n-butylphthalate
Concen: 86.059 ng/ul
RT: 17.81 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:149 Resp: 3553994
Ion Ratio Lower Upper
149 100
150 8.9 7.0 10.6
104 5.4 4.3 6.5

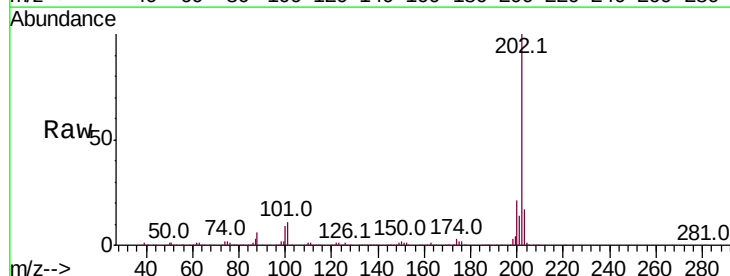


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

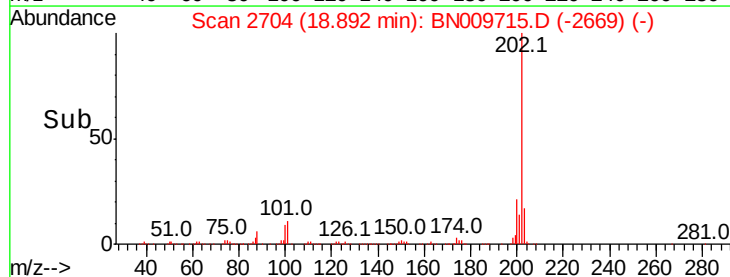
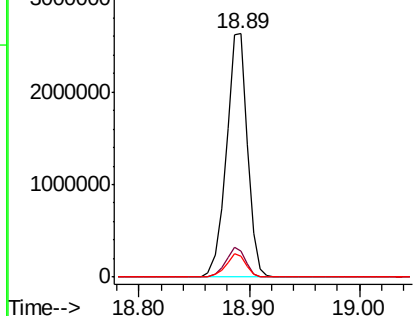


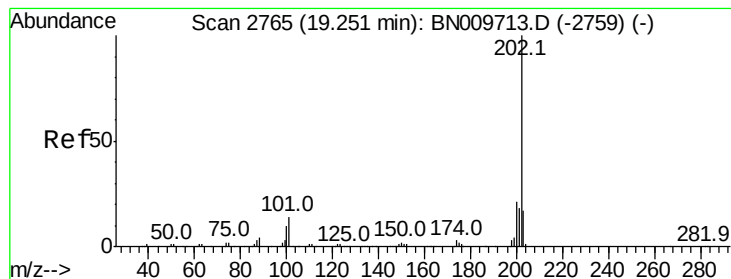
#77
Fluoranthene
Concen: 82.694 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Tgt Ion:202 Resp: 3503264
Ion Ratio Lower Upper
202 100
101 10.9 9.4 14.2
100 8.8 7.2 10.8



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





#80

Pvrene

Concen: 83.660 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

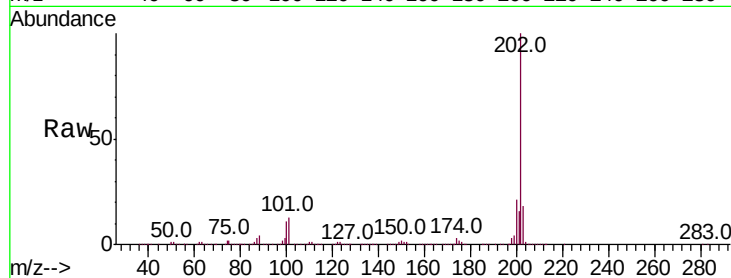
Instrument :

BNA_N

ClientSampleId :

Tot Ion:202 Resp: 3661089

Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.3	16.9
100	10.9	9.0	13.6

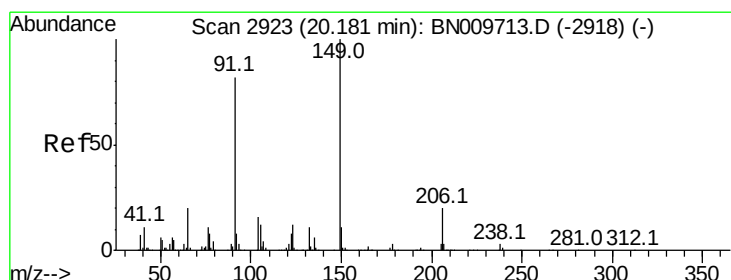
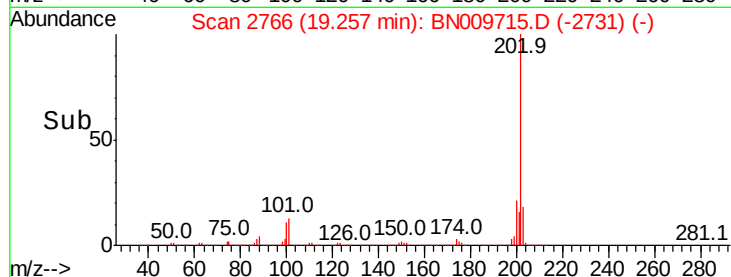
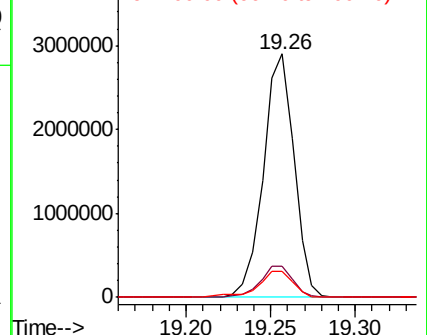


Abundance

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: 90.666 ng/ul

RT: 20.19 min Scan# 2924

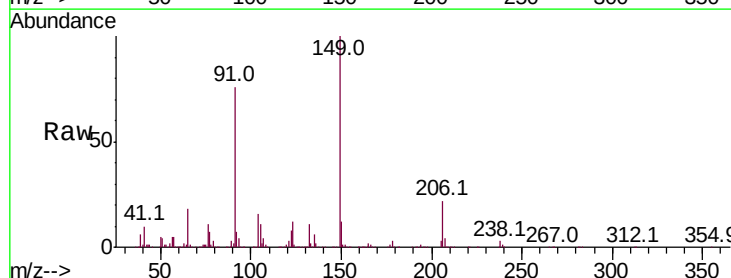
Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Tgt Ion:149 Resp: 1642176

Ion	Ratio	Lower	Upper
149	100		
91	75.7	65.5	98.3
206	21.7	15.9	23.9

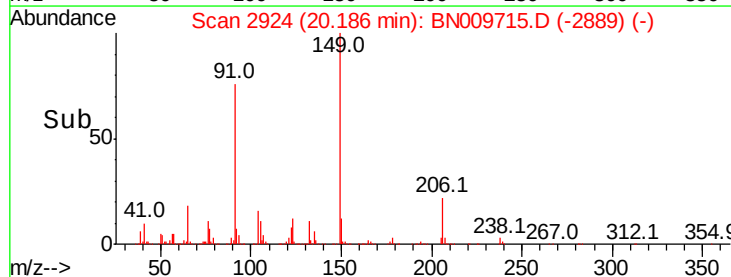
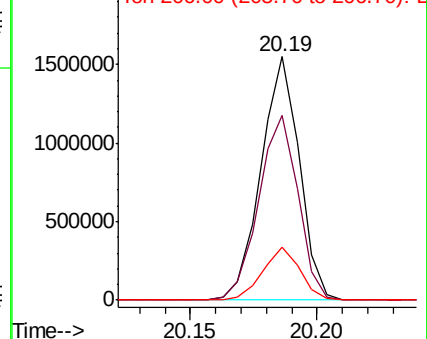


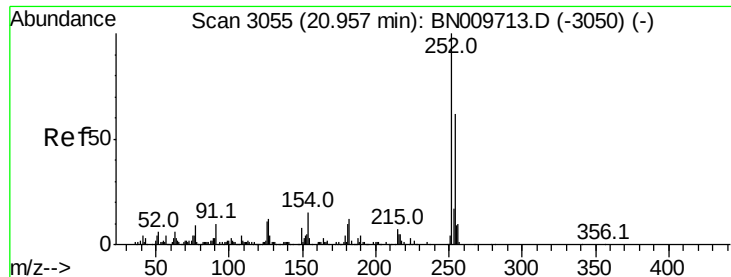
Abundance

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: 85.607 ng/ul

RT: 20.96 min Scan# 3056

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

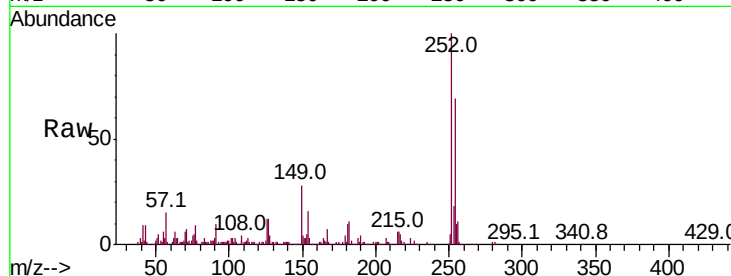
Tot Ion:252 Resp: 1140006

Ion Ratio Lower Upper

252 100

254 69.2 49.3 73.9

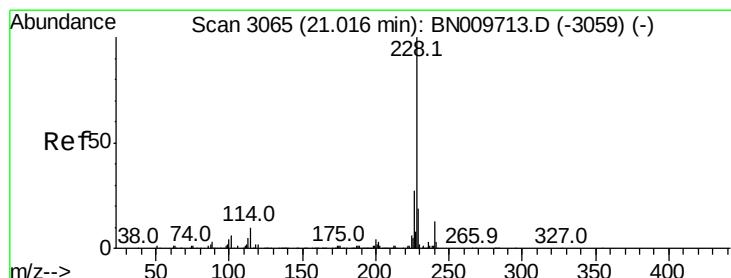
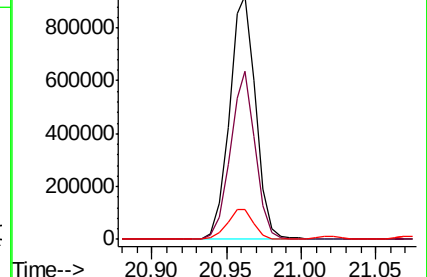
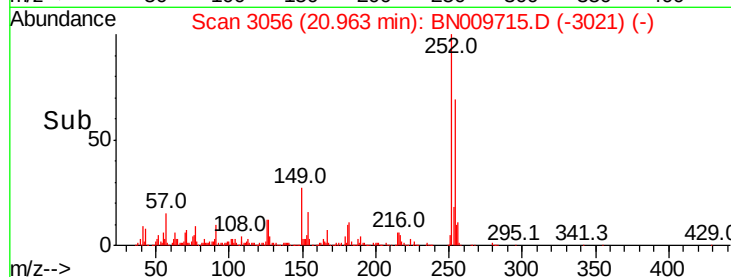
126 12.1 8.8 13.2



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: 79.256 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

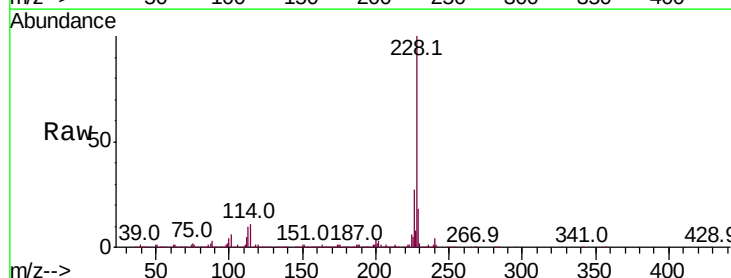
Tgt Ion:228 Resp: 3381756

Ion Ratio Lower Upper

228 100

229 18.4 15.0 22.4

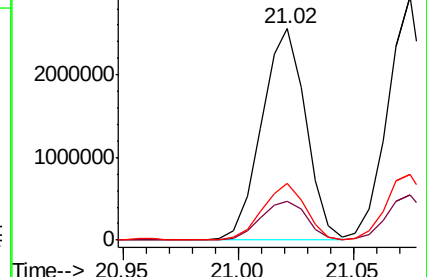
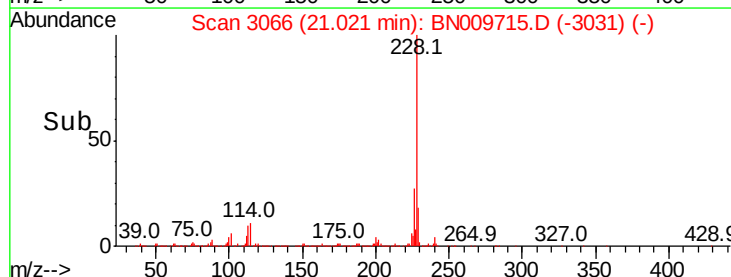
226 26.8 21.4 32.2

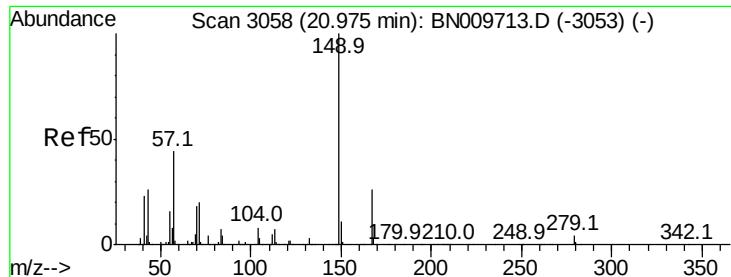


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 88.281 ng/ul

RT: 20.98 min Scan# 3059

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

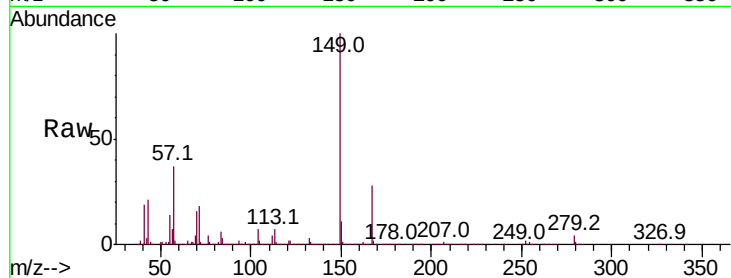
Instrument :

BNA_N

ClientSampled :

Tot Ion:149 Resp: 2497976

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.0	31.6
279	4.3	3.0	4.6

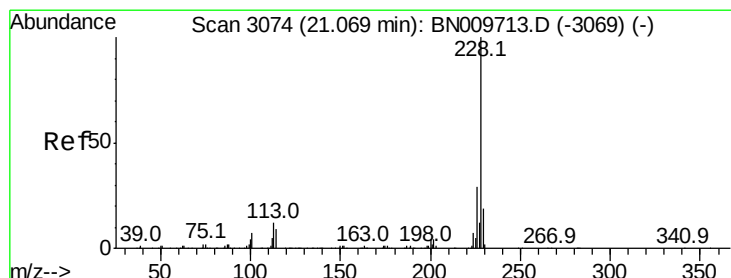
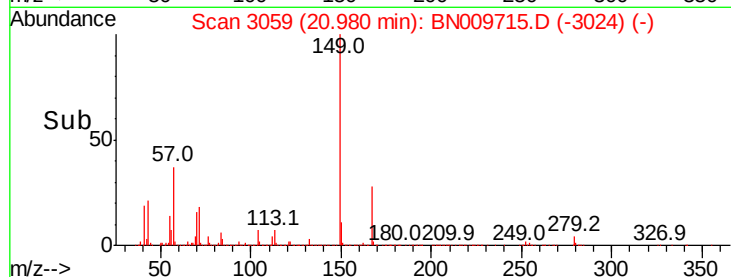
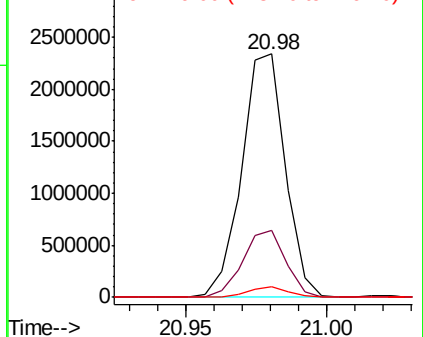


Abundance

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: 81.384 ng/ul

RT: 21.07 min Scan# 3075

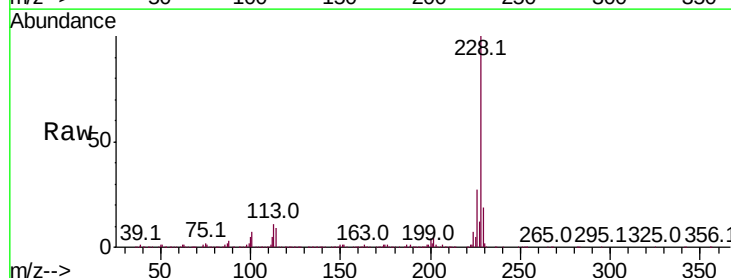
Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Tgt Ion:228 Resp: 3355489

Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.4	35.2
229	18.5	15.0	22.4

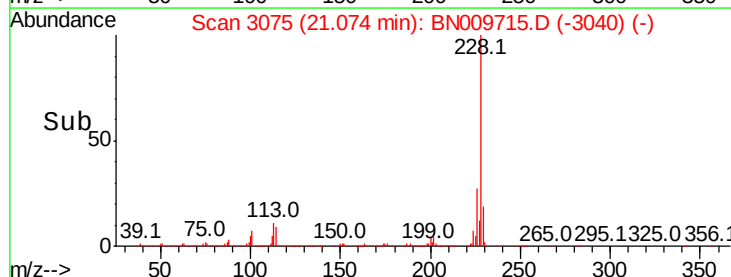
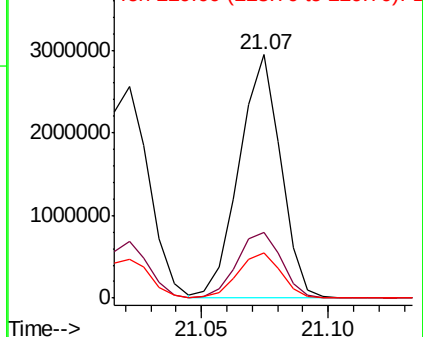


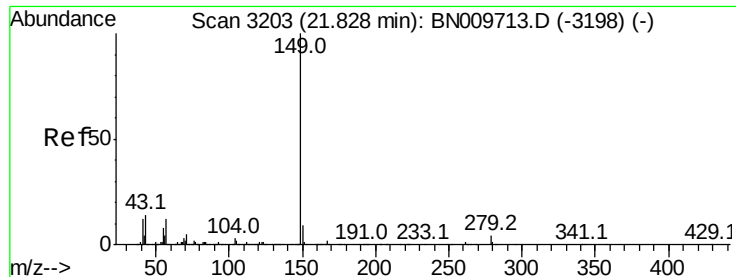
Abundance

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

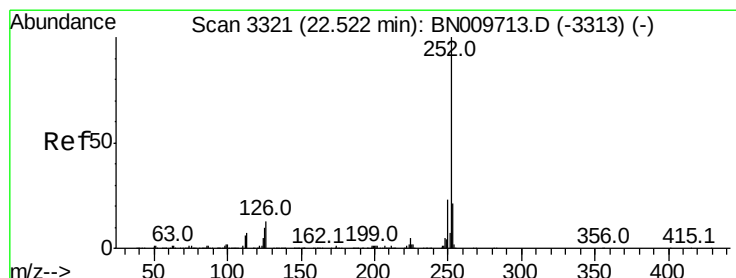
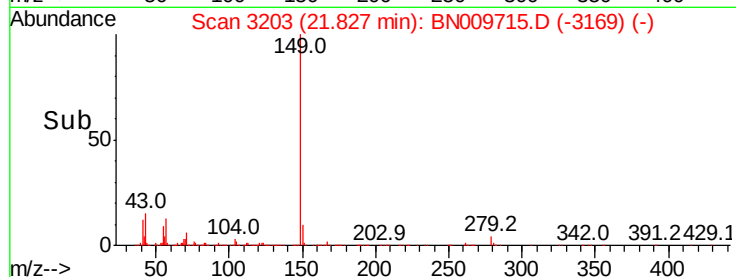
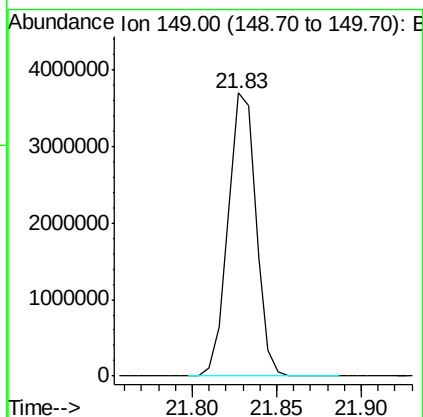
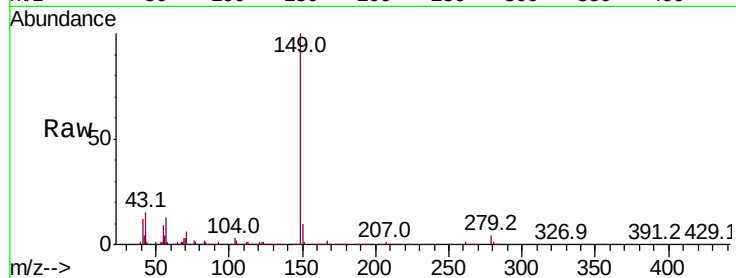




#87
Di-n-octyl phthalate
Concen: 88.894 ng/ul
RT: 21.83 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

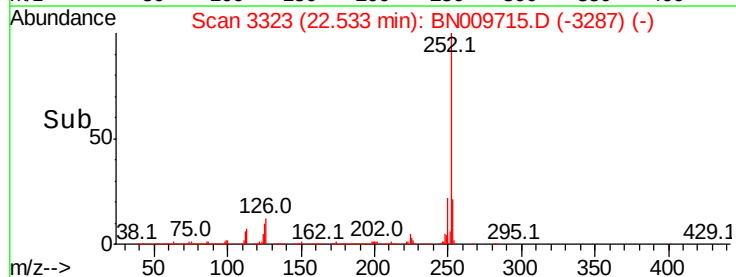
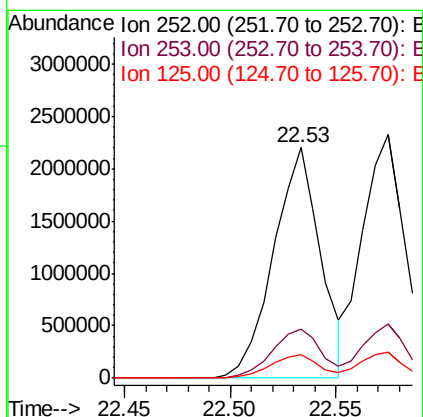
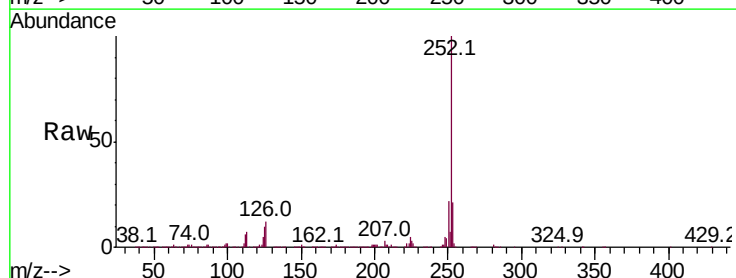
Instrument :
BNA_N
ClientSampleId :

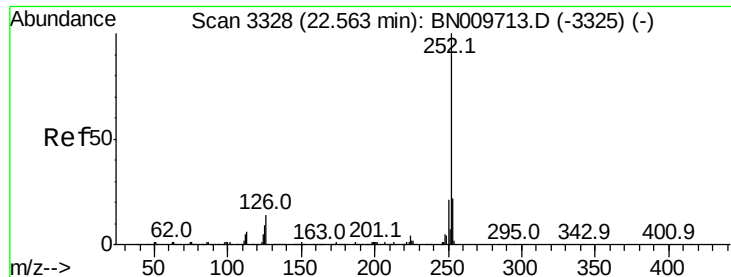
Tgt Ion:149 Resp: 4233899



#88
Benzo(b)fluoranthene
Concen: 80.009 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. 0.01 min
Lab File: BN009715.D
Acq: 12 Feb 2020 16:00

Tgt Ion:252 Resp: 3407559
Ion Ratio Lower Upper
252 100
253 21.0 17.0 25.4
125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 80.841 ng/ul

RT: 22.57 min Scan# 3330

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

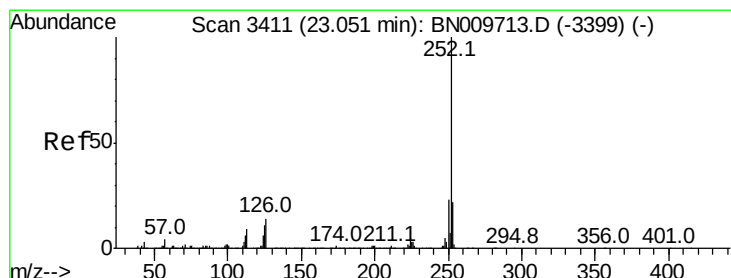
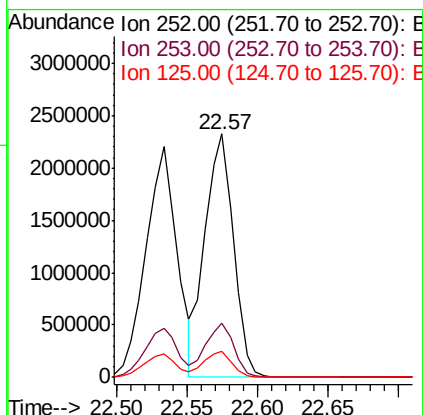
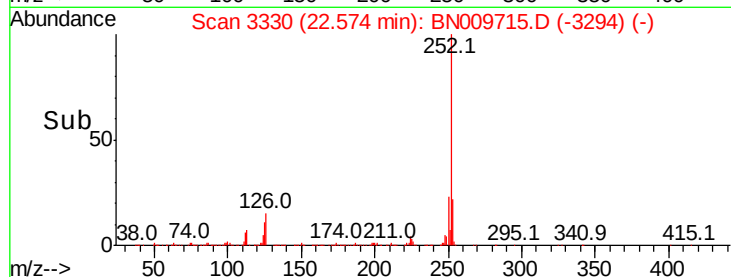
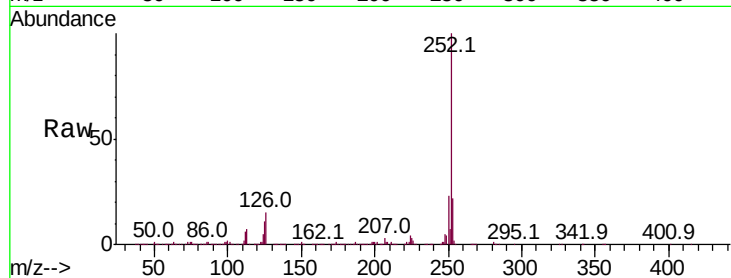
Tot Ion:252 Resp: 3260334

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 10.8 8.2 12.2



#91

Benzo(a)pyrene

Concen: 82.873 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. 0.01 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

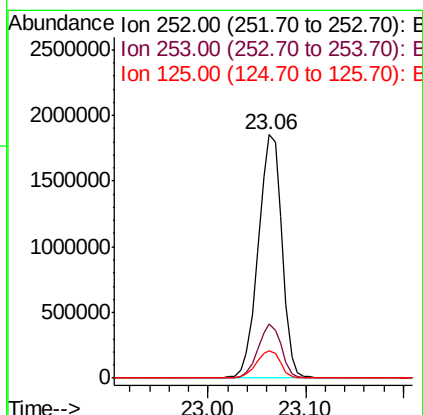
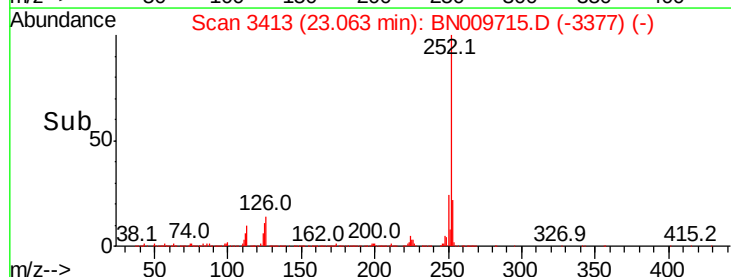
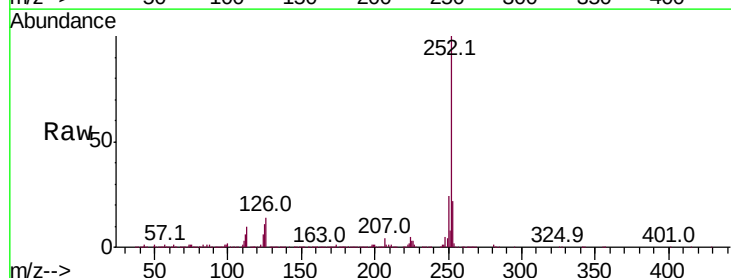
Tgt Ion:252 Resp: 3153830

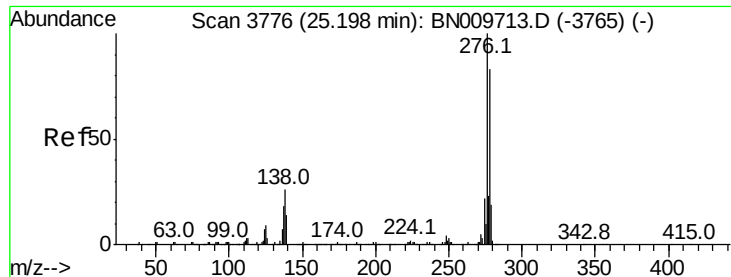
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

125 11.5 9.0 13.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 84.371 ng/ul

RT: 25.23 min Scan# 3781

Delta R.T. 0.03 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

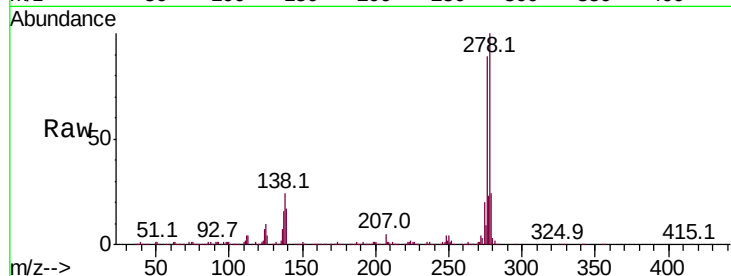
Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 3785793

Ion	Ratio	Lower	Upper
276	100		
138	27.4	20.9	31.3
277	25.7	18.2	27.4

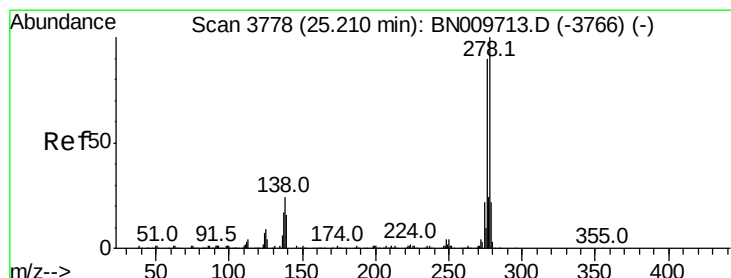
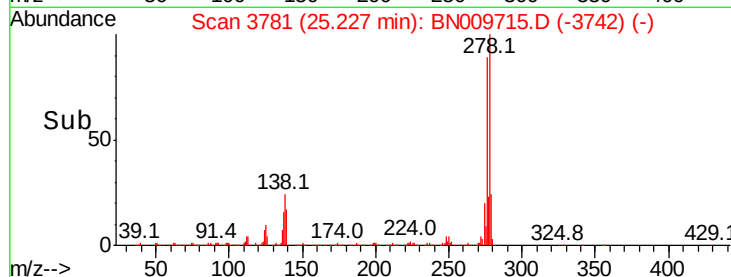
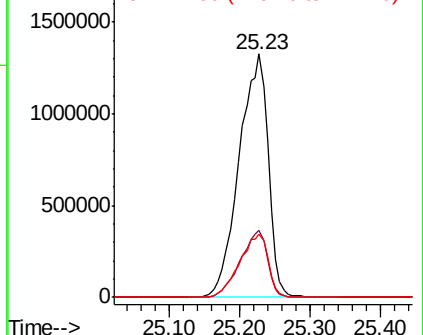


Abundance

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



#93

Dibenzo(a,h)anthracene

Concen: 82.168 ng/ul

RT: 25.23 min Scan# 3781

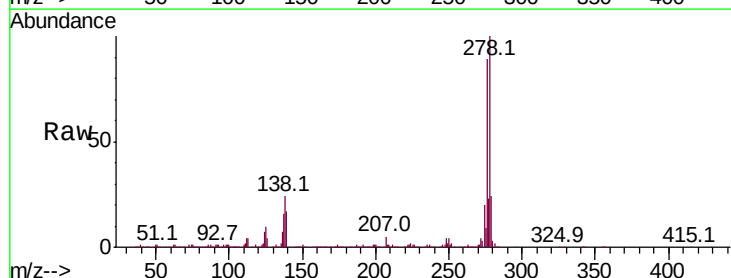
Delta R.T. 0.02 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Tgt Ion:278 Resp: 3187819

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.0	19.4
279	23.9	17.5	26.3

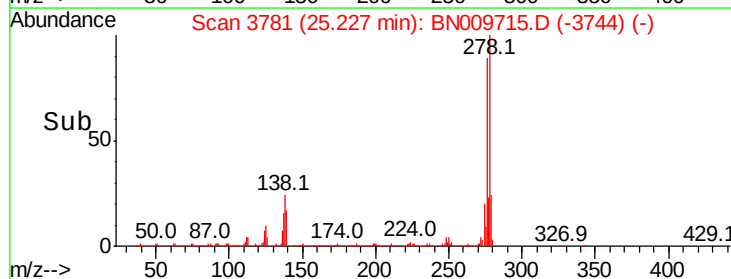
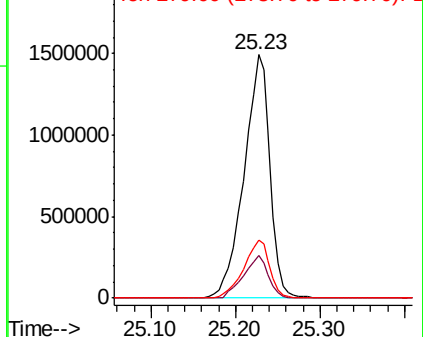


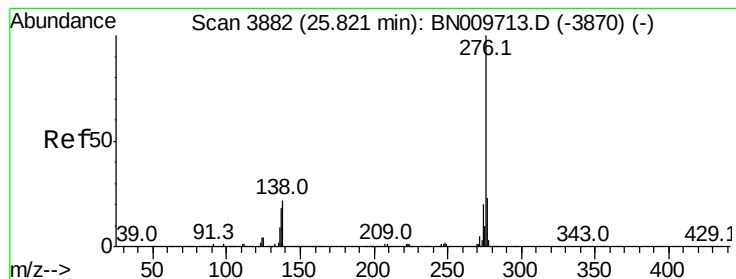
Abundance

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: 83.324 ng/ul

RT: 25.84 min Scan# 3886

Delta R.T. 0.02 min

Lab File: BN009715.D

Acq: 12 Feb 2020 16:00

Instrument :

BNA_N

ClientSampleId :

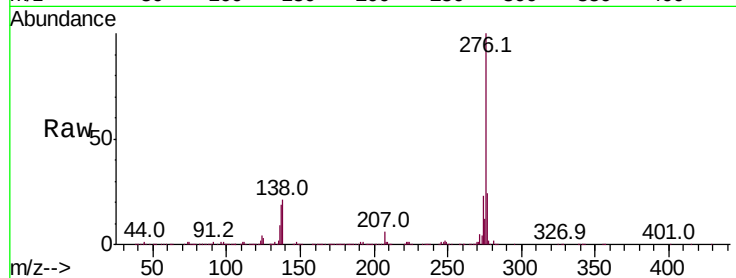
Tot Ion:276 Resp: 3153327

Ion Ratio Lower Upper

276 100

138 21.4 17.5 26.3

277 23.8 18.1 27.1



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

