

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021319\
 Data File : BN004398.D
 Acq On : 13 Feb 2019 18:22
 Operator : JU/SJ
 Sample : MDL-S-03
 Misc : 1PPM/4PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Quant Time: Feb 14 06:47:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 14 06:43:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	21515	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	105342	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	70331	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	176640	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	239053	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	284615	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2413	6.74	ng/uL	0.00
5) Phenol-d5	6.90	99	48612	25.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	26854	27.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	42838	27.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	42643	25.87	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	20301	29.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	21412	29.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	44495	26.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	62569	34.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	173185	29.04	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	204407	28.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	27714	24.27	ng/ul	0.00
58) Fluorene-d10	15.38	176	152650	29.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	22895	22.23	ng/ul	0.00
71) Anthracene-d10	17.23	188	249278	29.45	ng/ul	0.00
79) Pyrene-d10	19.53	212	309502	28.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	389564	26.08	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.28	88	555	1.260	ng/uL# 24
4) Benzaldehyde	6.90	77	2795	2.539	ng/ul 96
6) Phenol	6.93	94	6704	3.502	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.18	93	5266	3.845	ng/ul 95
10) 2-Chlorophenol	7.31	128	5886	3.802	ng/ul 95
11) 2-Methylphenol	8.18	108	4784	3.124	ng/ul 86
12) 2,2'-oxybis(1-Chloropropan	8.27	45	6324	3.896	ng/ul 98
14) Acetophenone	8.57	105	8689	3.538	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.55	70	3342	3.172	ng/ul# 94
16) 4-Methylphenol	8.50	108	5875	3.466	ng/ul 97
17) Hexachloroethane	8.82	117	1982	3.657	ng/ul 97
20) Nitrobenzene	8.95	77	6230	4.083	ng/ul 93
21) Isophorone	9.46	82	10351	3.312	ng/ul 97
23) 2-Nitrophenol	9.65	139	3057	3.744	ng/ul 95
24) 2,4-Dimethylphenol	9.70	107	6690	3.632	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.95	93	7188	3.544	ng/ul 99
27) 2,4-Dichlorophenol	10.18	162	6190	3.799	ng/ul 93
28) Naphthalene	10.58	128	22578	4.157	ng/ul 99
30) 4-Chloroaniline	10.70	127	6771	3.706	ng/ul 93
31) Hexachlorobutadiene	10.85	225	4279	4.062	ng/ul 95
32) Caprolactam	11.48	113	971	1.765	ng/ul 90
33) 4-Chloro-3-methylphenol	11.81	107	5616	3.196	ng/ul 99
34) 2-Methylnaphthalene	12.20	142	17047	4.092	ng/ul 99

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

35) 1-Methylnaphthalene	12.42	142	16890	4.111	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	9531	4.071	ng/ul	96
38) Hexachlorocyclopentadiene	12.53	237	4666	3.205	ng/ul	99
39) 2,4,6-Trichlorophenol	12.80	196	4336	3.134	ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	4967	3.196	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	22923	4.034	ng/ul	98
42) 2-Chloronaphthalene	13.26	162	17638	3.990	ng/ul	97
43) 2-Nitroaniline	13.47	65	2343	2.597	ng/ul	99
45) Dimethylphthalate	13.84	163	23230	3.940	ng/ul	98
46) 2,6-Dinitrotoluene	13.97	165	3049	2.933	ng/ul	98
48) Acenaphthylene	14.11	152	26880	4.006	ng/ul	100
49) 3-Nitroaniline	14.30	138	2397	2.259	ng/ul#	92
50) Acenaphthene	14.45	153	19897	4.117	ng/ul	98
51) 2,4-Dinitrophenol	14.50	184	1440	2.226	ng/ul	89
53) 4-Nitrophenol	14.59	109	3055	3.598	ng/ul	94
54) Dibenzofuran	14.79	168	28859	4.128	ng/ul	98
55) 2,4-Dinitrotoluene	14.75	165	5182	3.178	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.00	232	4567	3.221	ng/ul#	96
57) Diethylphthalate	15.21	149	20764	3.568	ng/ul	99
59) Fluorene	15.43	166	23191	4.093	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	12601	4.203	ng/ul	100
61) 4-Nitroaniline	15.46	138	2967	2.149	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.51	198	3657	3.377	ng/ul#	84
65) N-Nitrosodiphenylamine	15.65	169	19476	3.850	ng/ul	100
66) 4-Bromophenyl-phenylether	16.33	248	7694	3.898	ng/ul	97
67) Hexachlorobenzene	16.43	284	9072	3.924	ng/ul	98
68) Atrazine	16.60	200	5661	2.906	ng/ul	99
69) Pentachlorophenol	16.77	266	3340	2.478	ng/ul	97
70) Phenanthrene	17.17	178	40574	4.140	ng/ul	99
72) Anthracene	17.27	178	40383	4.093	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	9779	4.036	ng/uL	99
74) Pentachlorobenzene	14.70	250	10521	4.063	ng/uL	98
75) Carbazole	17.54	167	32922	3.734	ng/ul	97
76) Di-n-butylphthalate	18.10	149	27662	2.858	ng/ul	99
77) Fluoranthene	19.20	202	47021	3.897	ng/ul	98
80) Pvrene	19.56	202	53276	4.030	ng/ul	100
81) Butylbenzylphthalate	20.47	149	11152	2.455	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.25	252	10551	2.104	ng/ul	97
83) Benzo(a)anthracene	21.32	228	57709	3.917	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	16557	2.432	ng/ul	98
85) Chrysene	21.37	228	57589	4.117	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	31126	2.284	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	64805	3.845	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	62270	3.800	ng/ul	99
91) Benzo(a)pyrene	23.50	252	65393	3.976	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	82439	3.948	ng/ul	100
93) Dibenzo(a,h)anthracene	25.91	278	69581	4.005	ng/ul	98
94) Benzo(a,h,i)perylene	26.60	276	70230	4.012	ng/ul	97

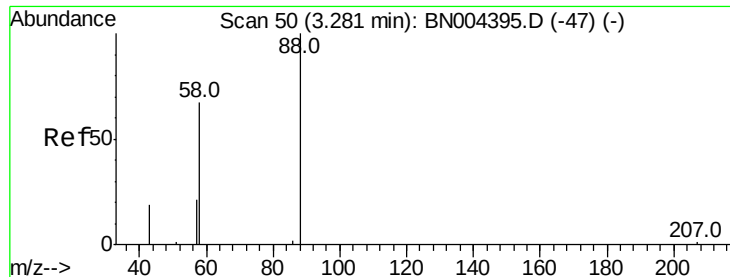
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 1.260 ng/uL

RT: 3.28 min Scan# 50

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

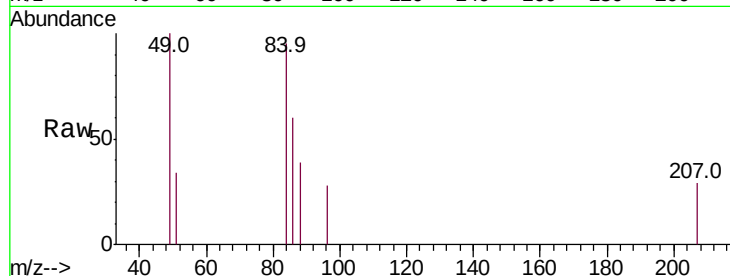
Tot Ion: 88 Resp: 555

Ion Ratio Lower Upper

88 100

43 0.0 25.6 38.4#

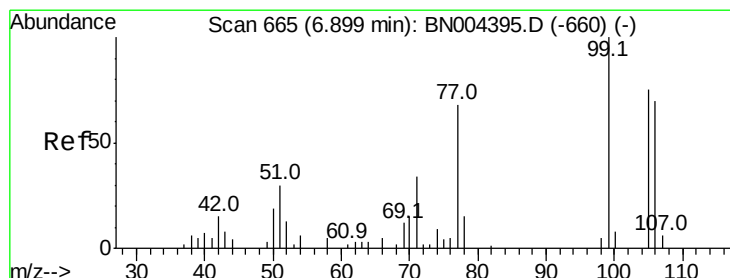
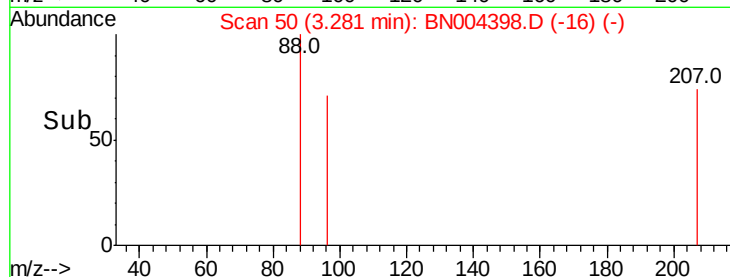
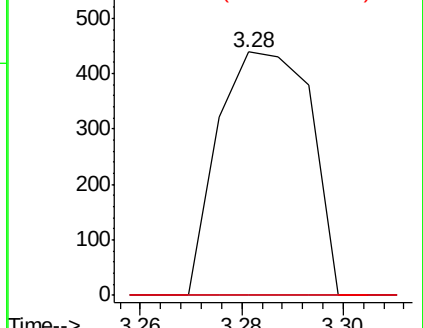
58 0.0 54.6 82.0#



Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 43.00 (42.70 to 43.70): BN0

Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 2.539 ng/uL

RT: 6.90 min Scan# 666

Delta R.T. 0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

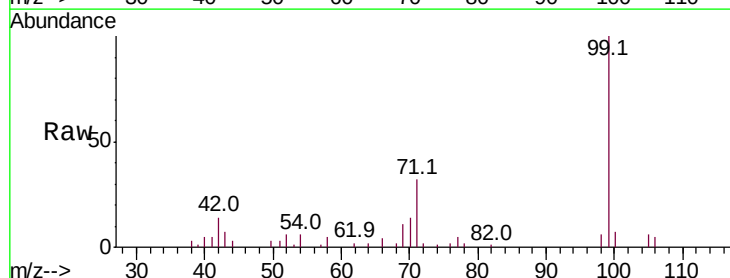
Tgt Ion: 77 Resp: 2795

Ion Ratio Lower Upper

77 100

105 104.5 85.4 128.0

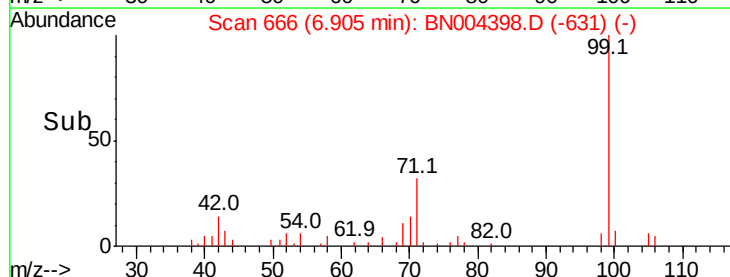
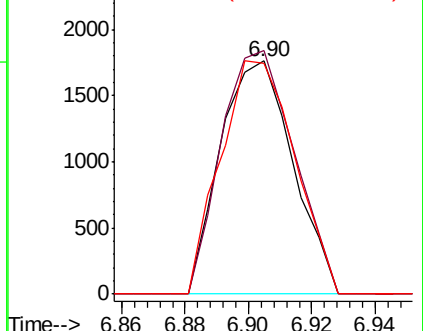
106 99.4 84.8 127.2

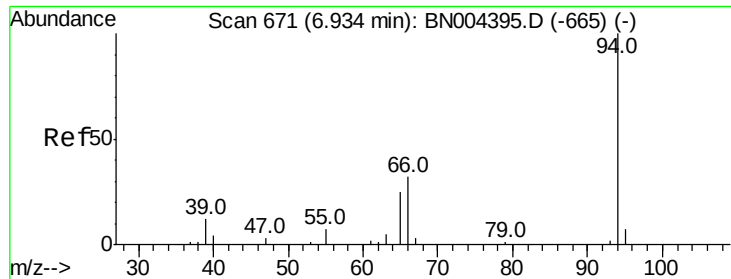


Abundance Ion 77.00 (76.70 to 77.70): BN0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#6

Phenol

Concen: 3.502 ng/ul

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

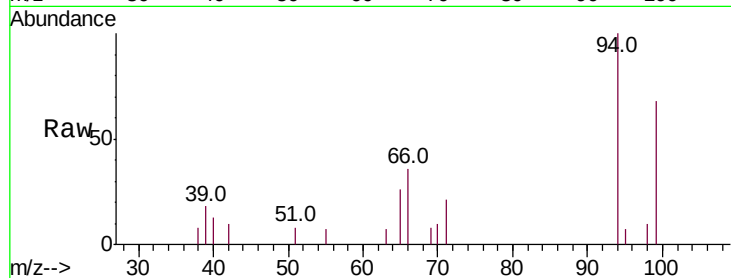
Tot Ion: 94 Resp: 6704

Ion Ratio Lower Upper

94 100

65 26.4 20.2 30.4

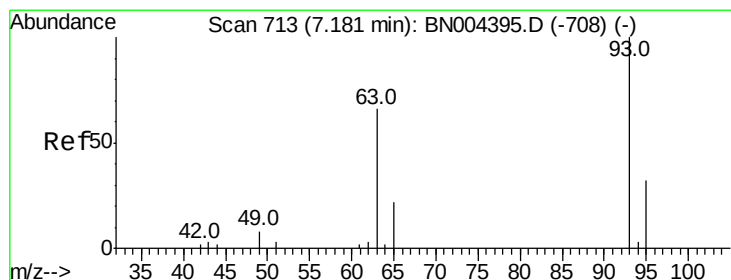
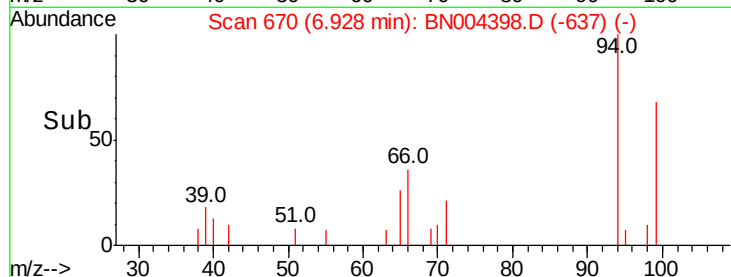
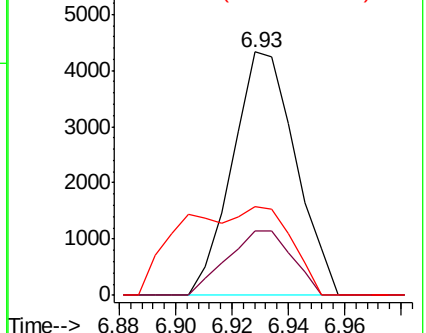
66 36.5 28.2 42.2



Abundance Ion 94.00 (93.70 to 94.70): BN004395.D (-665) (-)

Ion 65.00 (64.70 to 65.70): BN004395.D (-665) (-)

Ion 66.00 (65.70 to 66.70): BN004395.D (-665) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 3.845 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

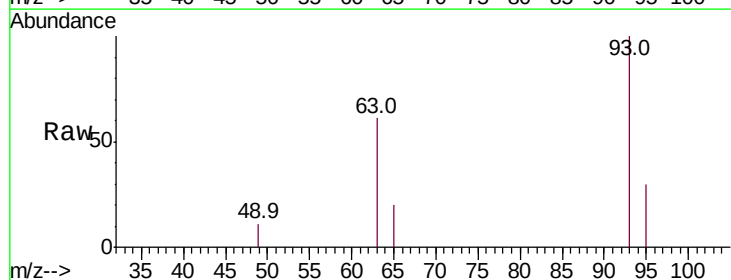
Tgt Ion: 93 Resp: 5266

Ion Ratio Lower Upper

93 100

63 61.3 52.8 79.2

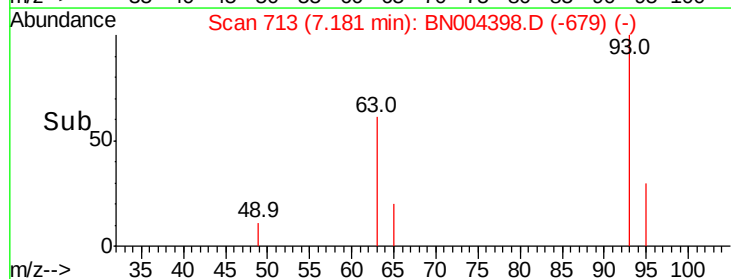
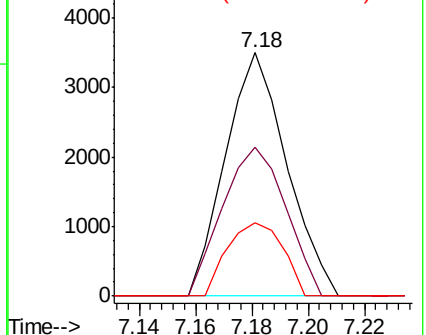
95 30.4 25.9 38.9

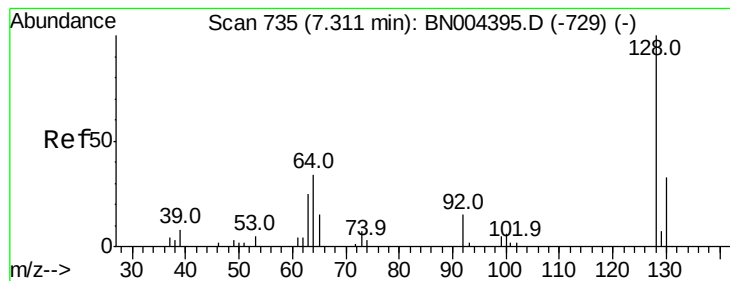


Abundance Ion 93.00 (92.70 to 93.70): BN004395.D (-708) (-)

Ion 63.00 (62.70 to 63.70): BN004395.D (-708) (-)

Ion 95.00 (94.70 to 95.70): BN004395.D (-708) (-)





#10

2-Chlorophenol

Concen: 3.802 ng/ul

RT: 7.31 min Scan# 735

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

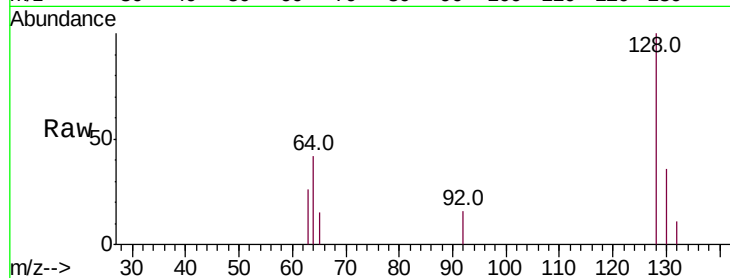
Tot Ion:128 Resp: 5886

Ion Ratio Lower Upper

128 100

64 42.1 31.0 46.6

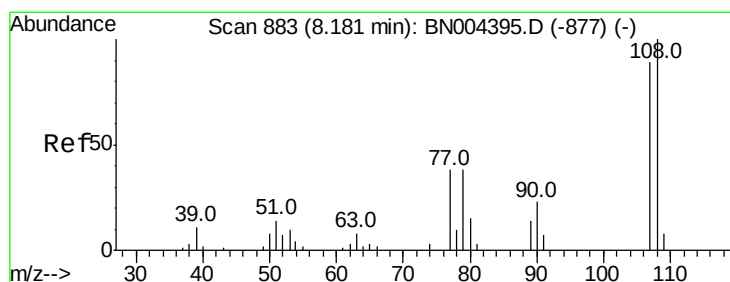
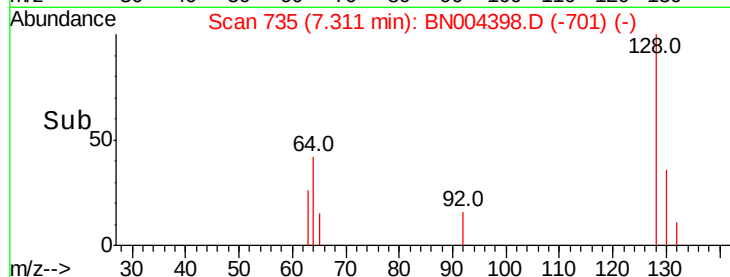
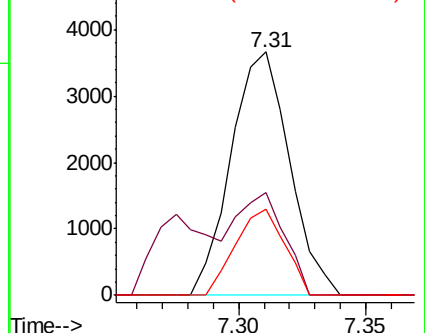
130 35.6 26.1 39.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.124 ng/ul

RT: 8.18 min Scan# 882

Delta R.T. -0.01 min

Lab File: BN004398.D

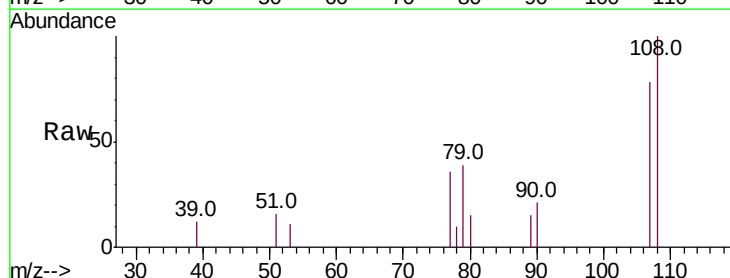
Acq: 13 Feb 2019 18:22

Tgt Ion:108 Resp: 4784

Ion Ratio Lower Upper

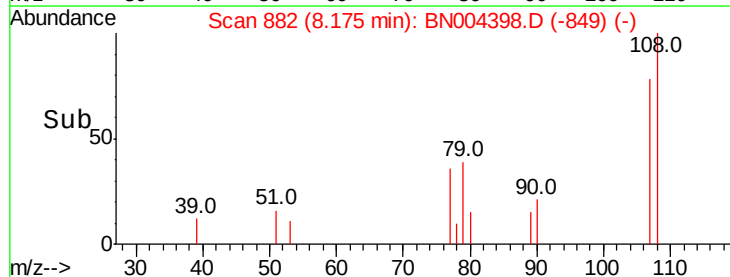
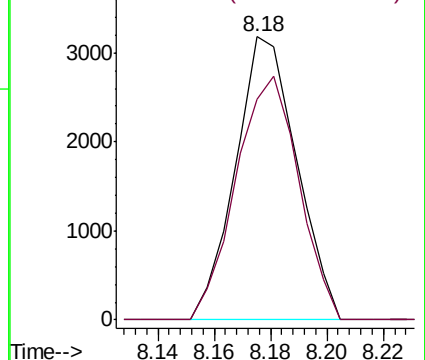
108 100

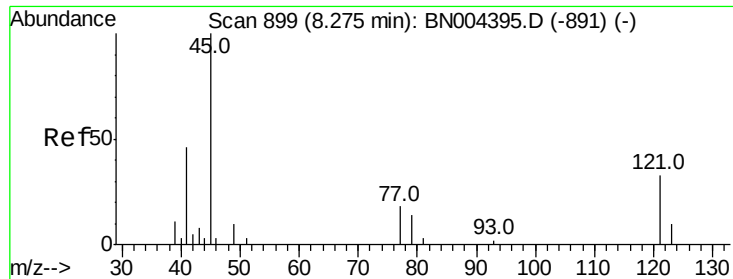
107 78.0 72.7 109.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

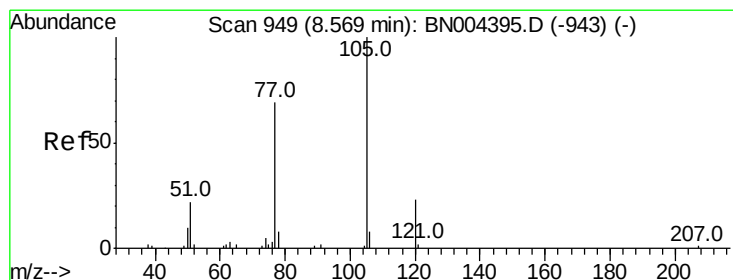
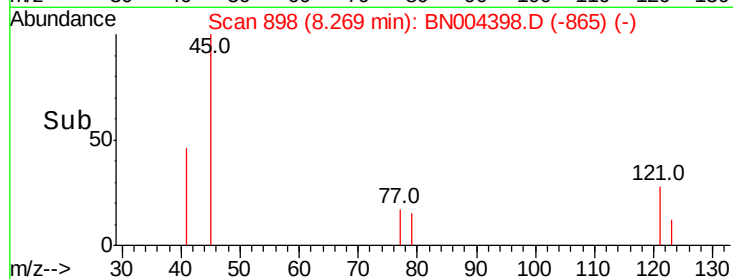
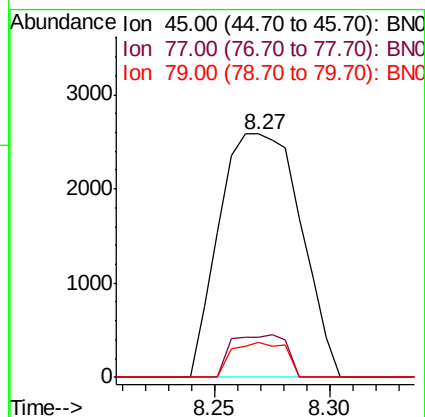
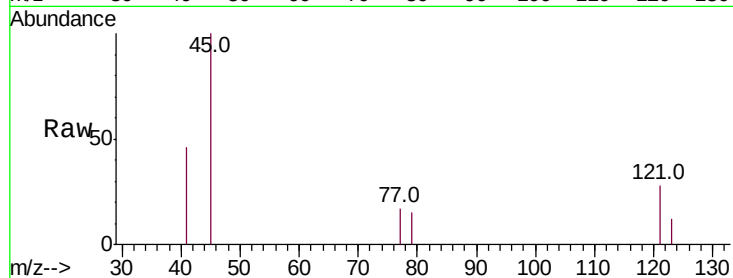




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 3.896 ng/ul
RT: 8.27 min Scan# 898
Delta R.T. -0.01 min
Lab File: BN004398.D
Acq: 13 Feb 2019 18:22

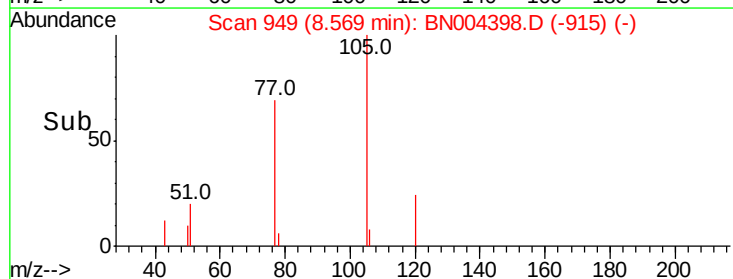
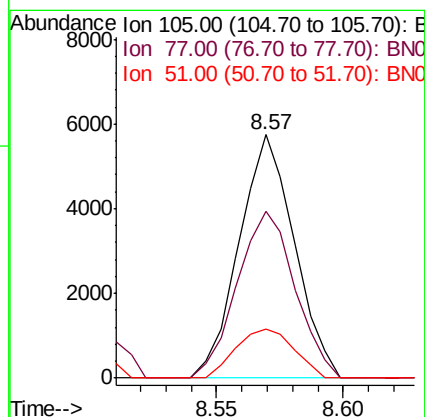
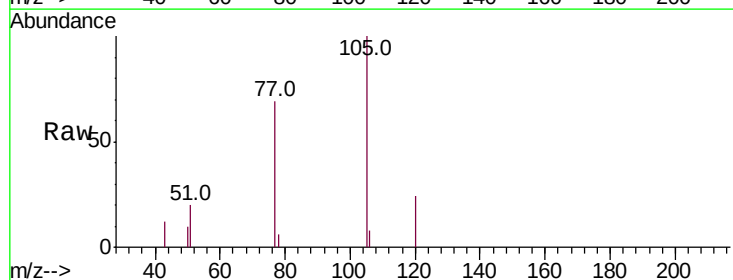
Instrument :
BNA_N
ClientSampleId :
MDL-S-03

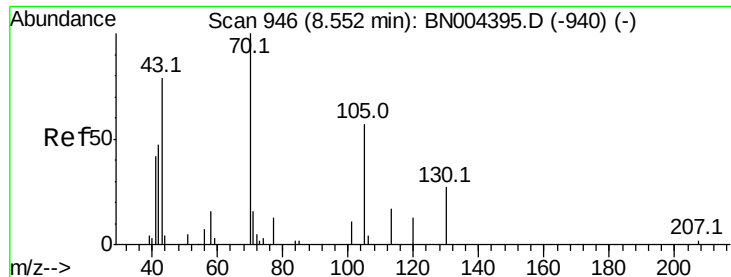
Tot Ion: 45 Resp: 6324
Ion Ratio Lower Upper
45 100
77 16.6 14.1 21.1
79 14.6 10.8 16.2



#14
Acetophenone
Concen: 3.538 ng/ul
RT: 8.57 min Scan# 949
Delta R.T. 0.00 min
Lab File: BN004398.D
Acq: 13 Feb 2019 18:22

Tgt Ion: 105 Resp: 8689
Ion Ratio Lower Upper
105 100
77 68.6 56.1 84.1
51 20.4 17.2 25.8





#15

N-Nitroso-di-n-propylamine

Concen: 3.172 ng/ul

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

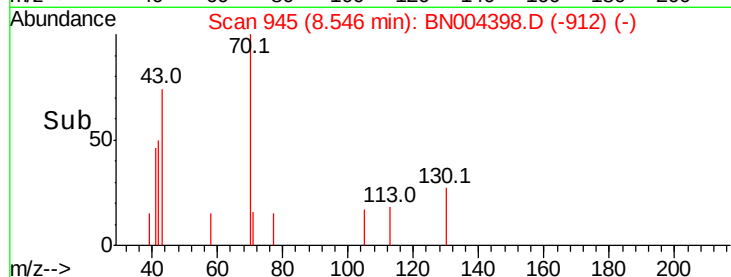
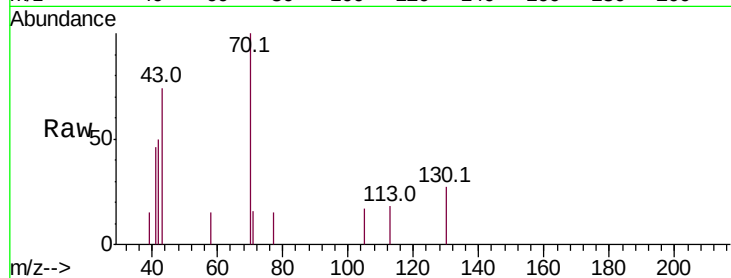
BNA_N

ClientSampleId :

MDL-S-03

Tot Ion: 70 Resp: 3342

Ion	Ratio	Lower	Upper
70	100		
42	49.5	38.6	58.0
101	0.0	8.4	12.6
130	26.7	19.9	29.9

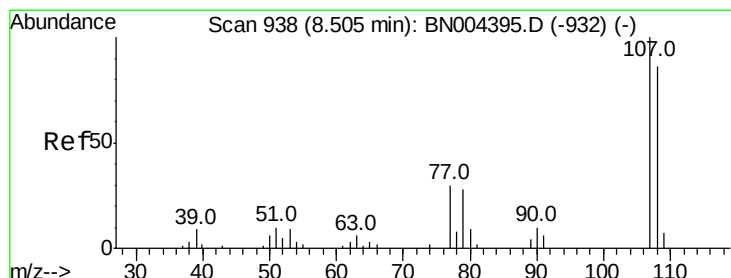
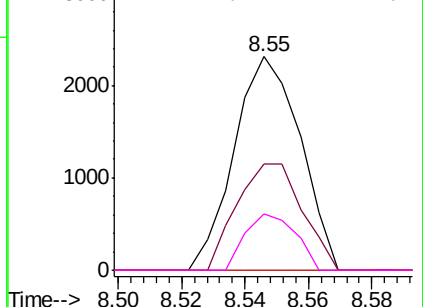


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 3.466 ng/ul

RT: 8.50 min Scan# 938

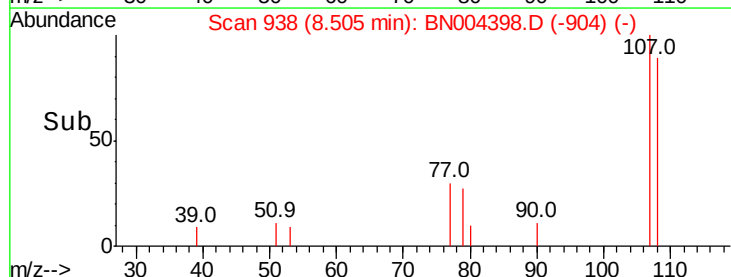
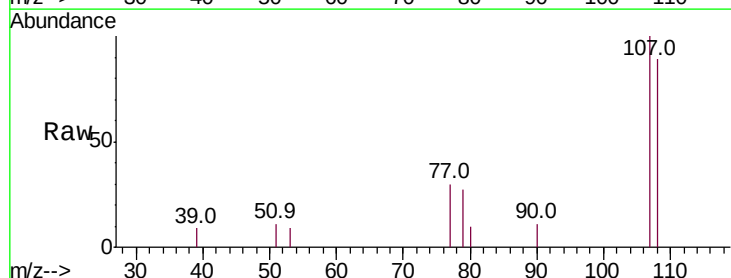
Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

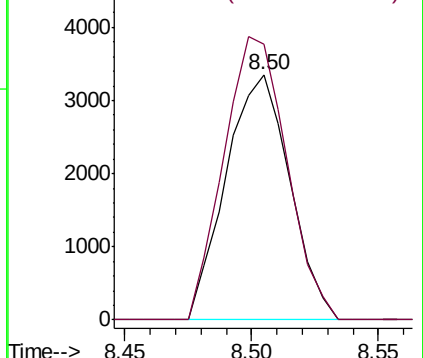
Tgt Ion:108 Resp: 5875

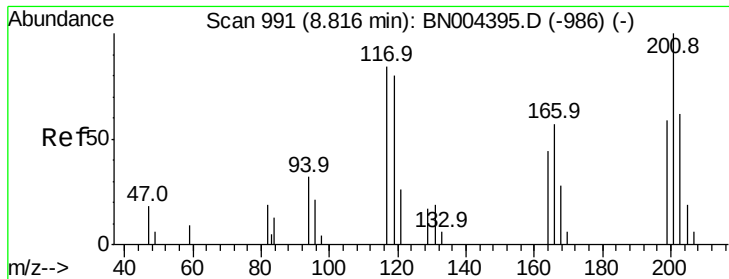
Ion	Ratio	Lower	Upper
108	100		
107	112.6	87.8	131.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

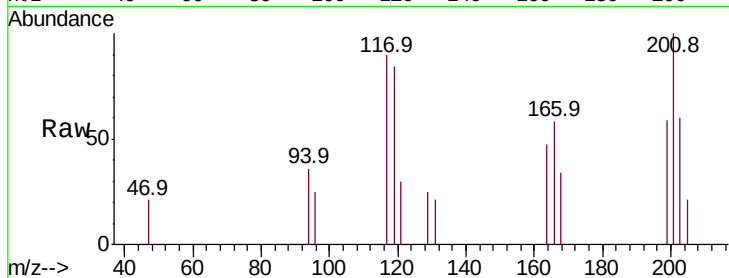




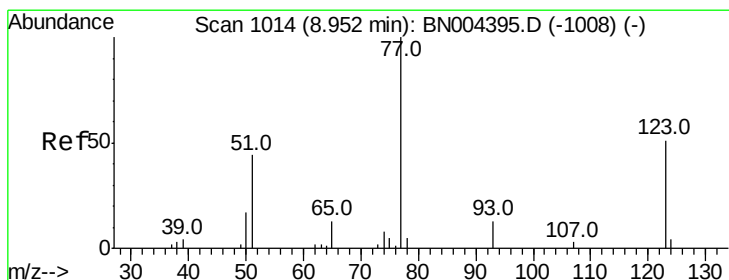
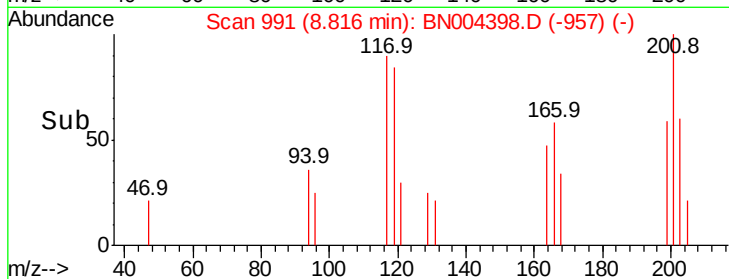
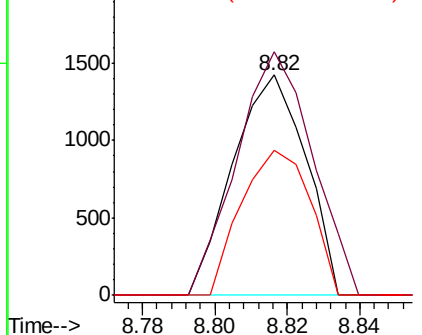
#17
 Hexachloroethane
 Concen: 3.657 ng/ul
 RT: 8.82 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tot Ion:117 Resp: 1982
 Ion Ratio Lower Upper
 117 100
 201 110.6 85.0 127.6
 199 65.7 53.8 80.8

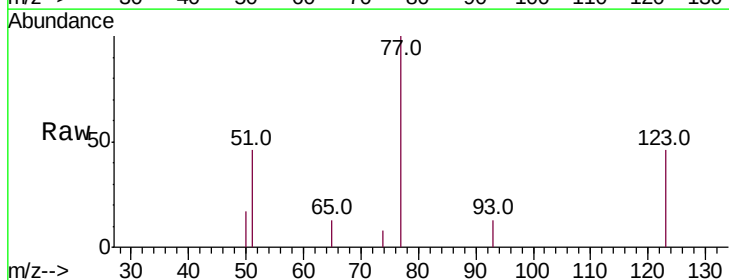


Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 201.00 (200.70 to 201.70): E
 Ion 199.00 (198.70 to 199.70): E

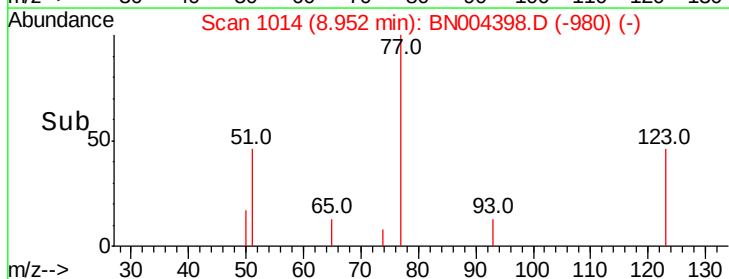
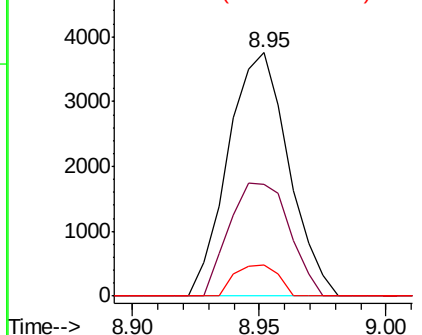


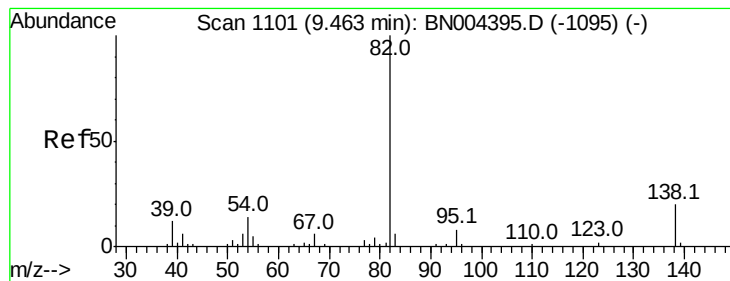
#20
 Nitrobenzene
 Concen: 4.083 ng/ul
 RT: 8.95 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Tgt Ion: 77 Resp: 6230
 Ion Ratio Lower Upper
 77 100
 123 46.1 41.6 62.4
 65 12.5 10.2 15.4



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: 3.312 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

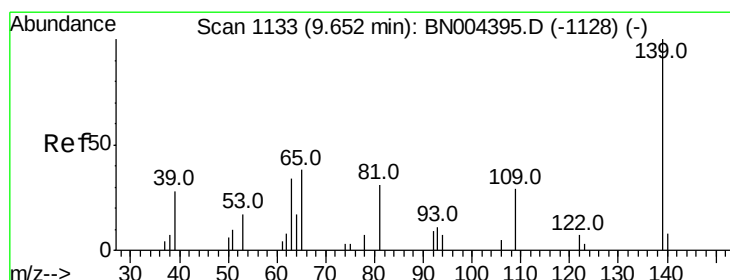
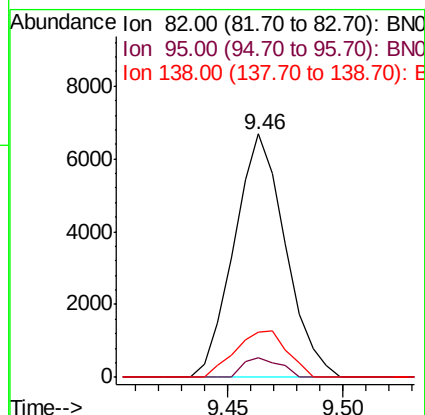
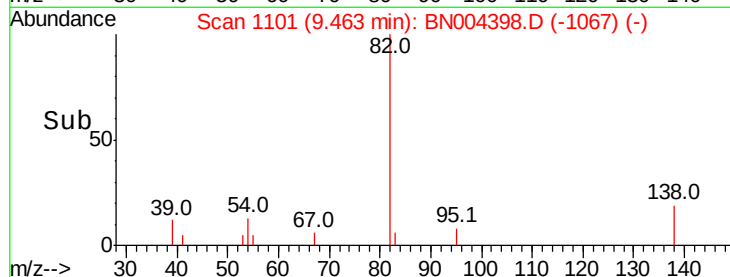
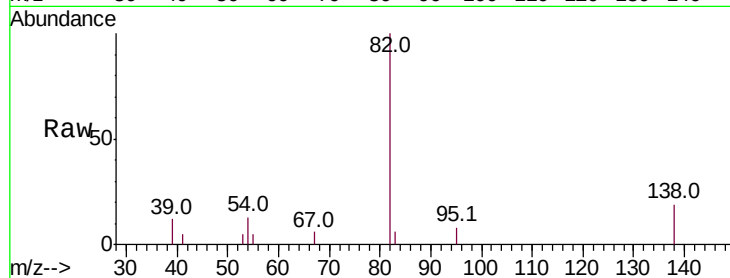
Tot Ion: 82 Resp: 10351

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.4

138 18.6 16.5 24.7



#23

2-Nitrophenol

Concen: 3.744 ng/ul

RT: 9.65 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

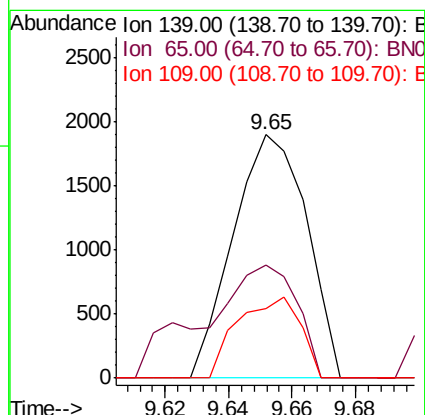
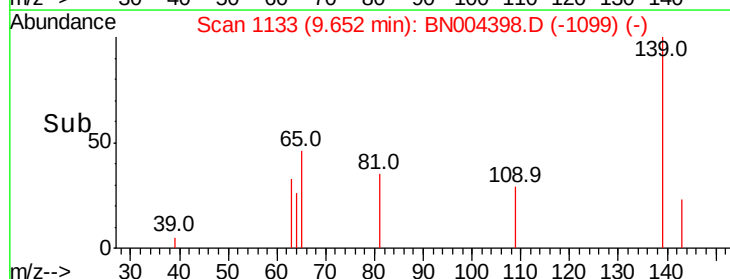
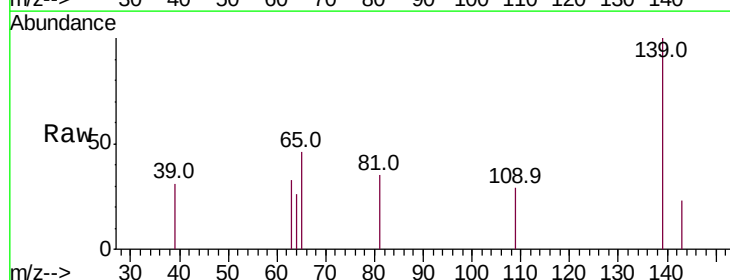
Tgt Ion:139 Resp: 3057

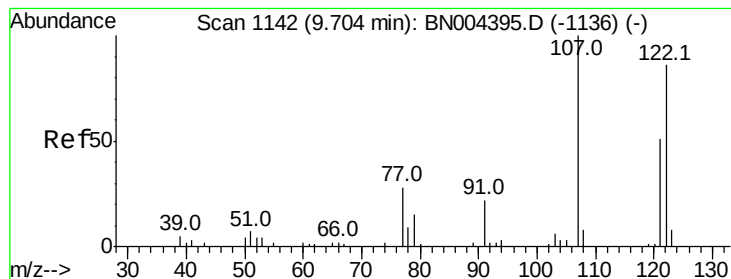
Ion Ratio Lower Upper

139 100

65 46.4 32.7 49.1

109 28.7 22.8 34.2





#24

2,4-Dimethylphenol

Concen: 3.632 ng/ul

RT: 9.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

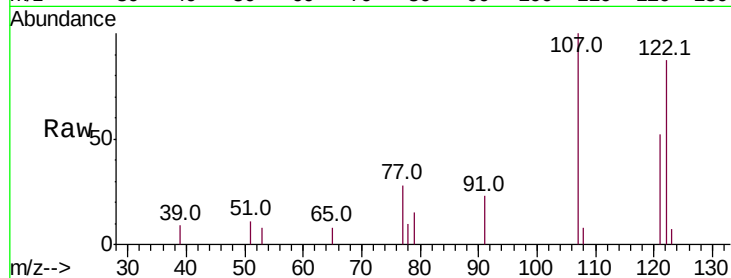
Tot Ion:107 Resp: 6690

Ion Ratio Lower Upper

107 100

121 51.5 41.5 62.3

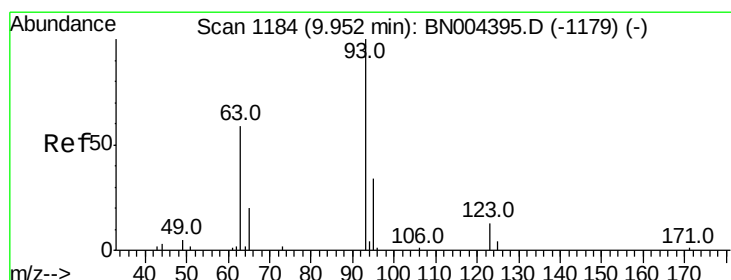
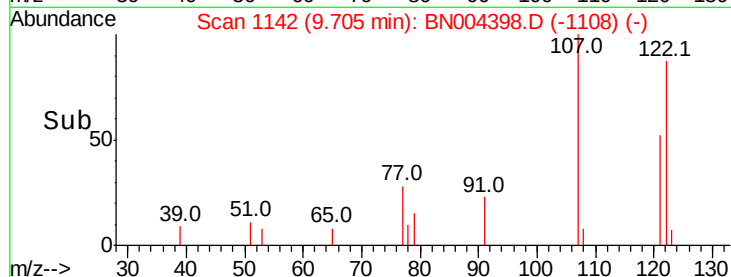
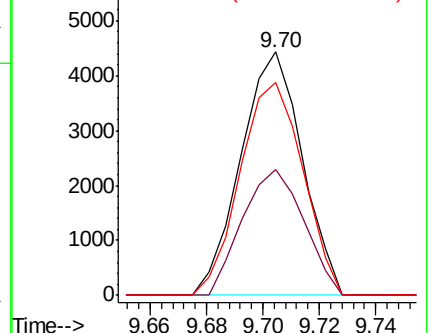
122 87.2 69.0 103.4



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: 3.544 ng/ul

RT: 9.95 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

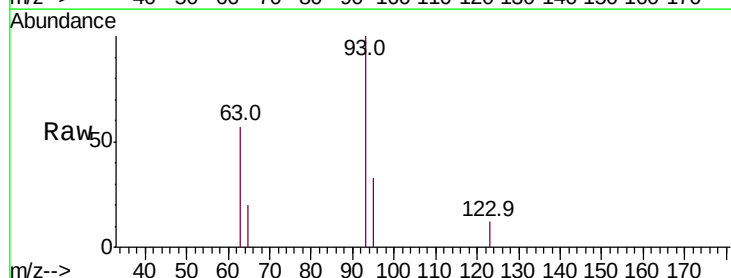
Tgt Ion: 93 Resp: 7188

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

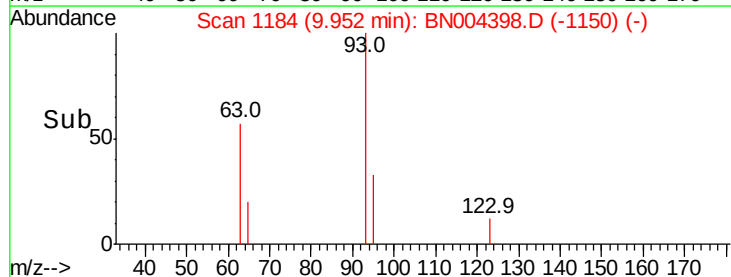
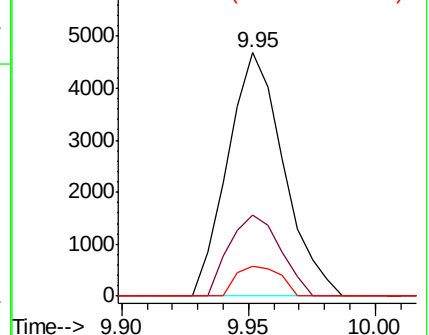
123 12.1 10.0 15.0

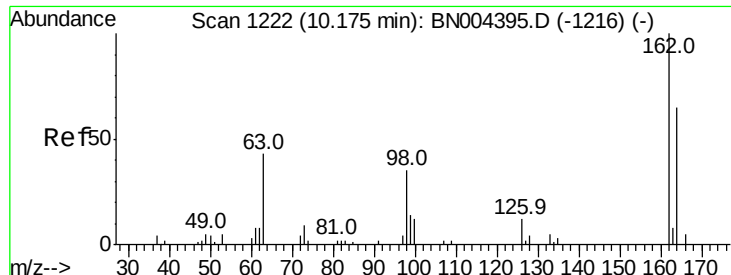


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

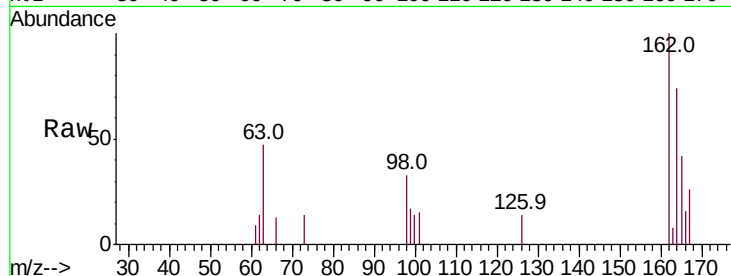




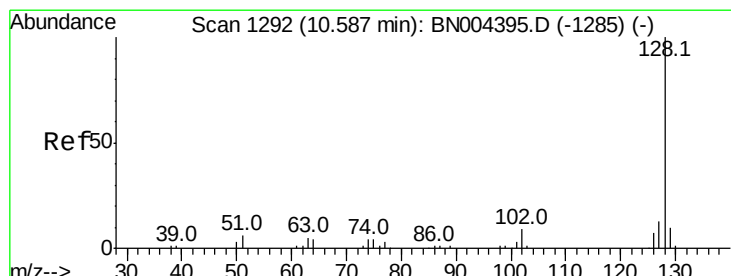
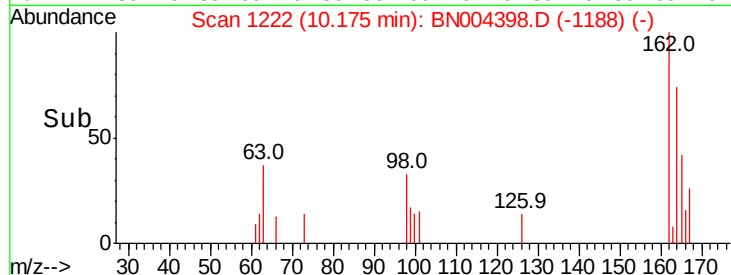
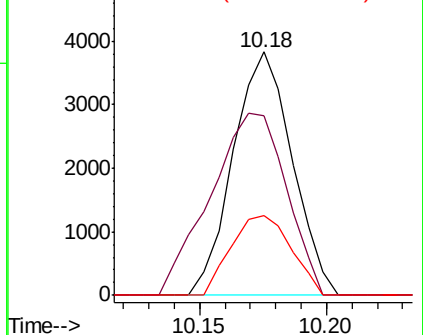
#27
 2,4-Dichlorophenol
 Concen: 3.799 ng/ul
 RT: 10.18 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tot Ion:162 Resp: 6190
 Ion Ratio Lower Upper
 162 100
 164 73.6 53.0 79.4
 98 32.8 27.0 40.4

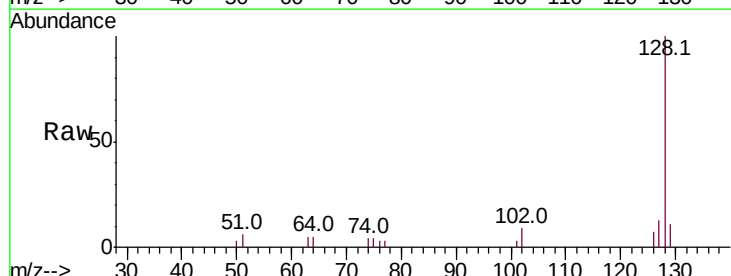


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

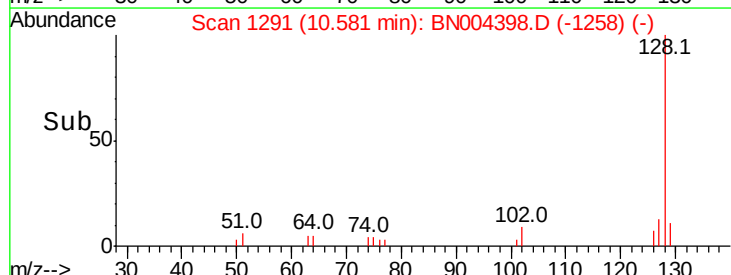
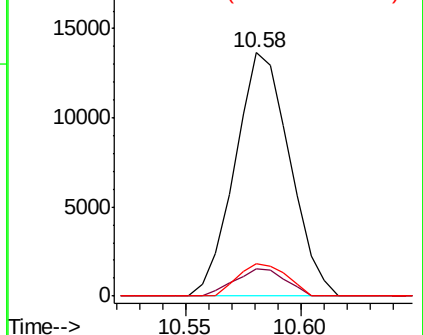


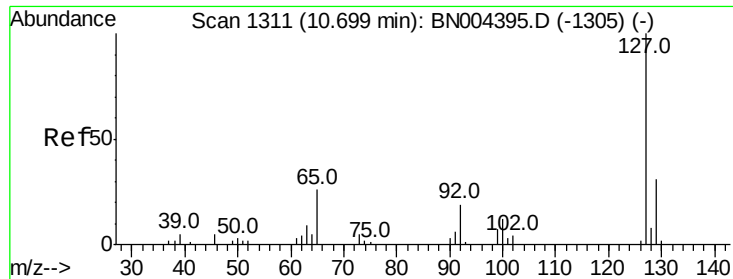
#28
 Naphthalene
 Concen: 4.157 ng/ul
 RT: 10.58 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Tgt Ion:128 Resp: 22578
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.7 13.1
 127 13.3 10.2 15.4



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

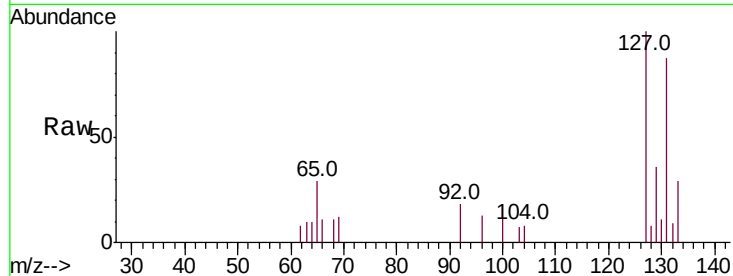




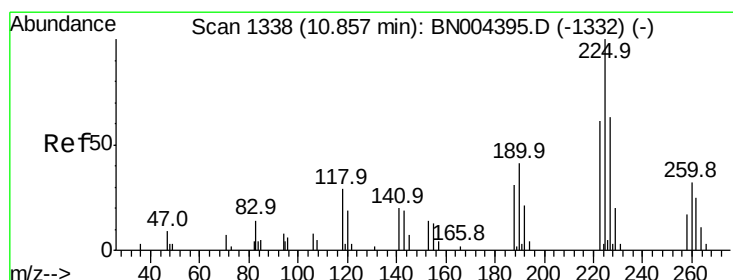
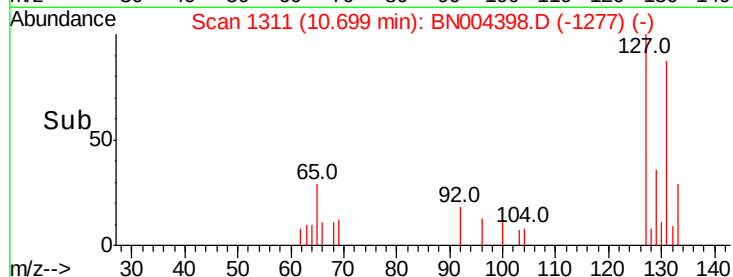
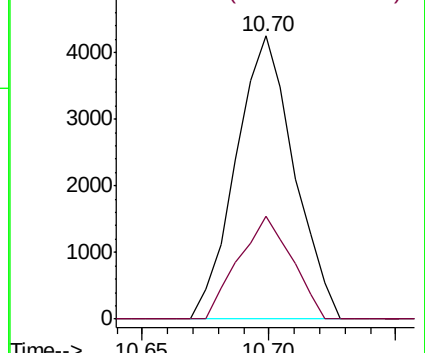
#30
4-Chloroaniline
Concen: 3.706 ng/ul
RT: 10.70 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN004398.D
Acq: 13 Feb 2019 18:22

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tot Ion:127 Resp: 6771
Ion Ratio Lower Upper
127 100
129 36.3 26.1 39.1

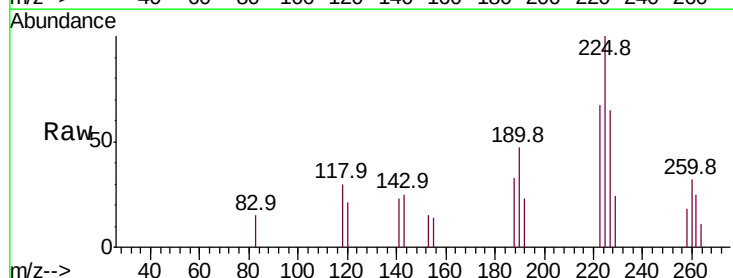


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

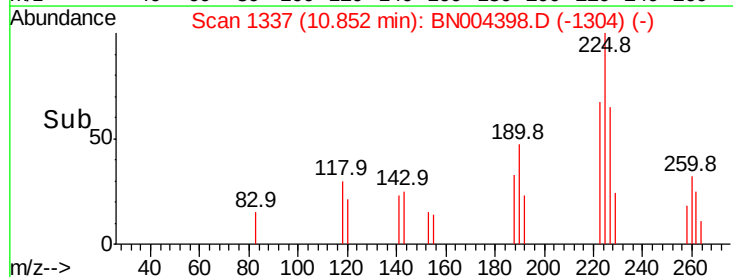
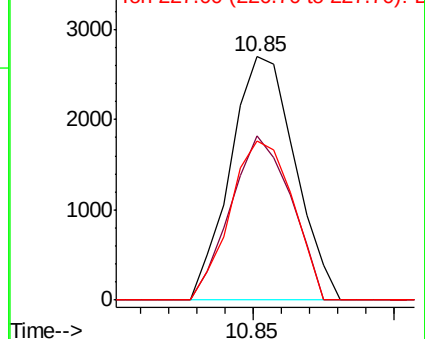


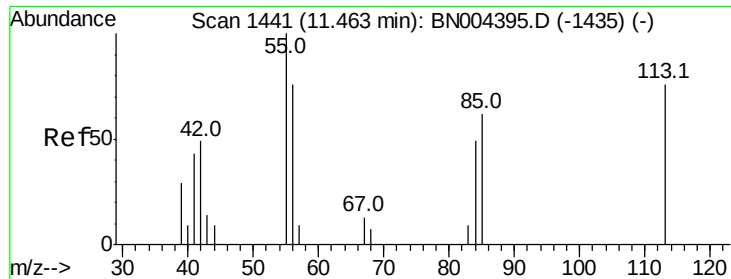
#31
Hexachlorobutadiene
Concen: 4.062 ng/ul
RT: 10.85 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BN004398.D
Acq: 13 Feb 2019 18:22

Tgt Ion:225 Resp: 4279
Ion Ratio Lower Upper
225 100
223 67.4 49.8 74.6
227 65.2 50.2 75.2



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: 1.765 ng/ul

RT: 11.48 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

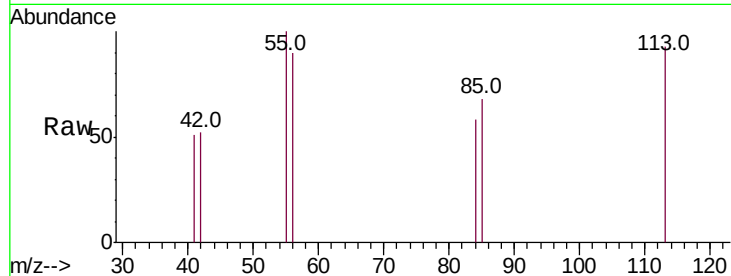
Tot Ion:113 Resp: 971

Ion Ratio Lower Upper

113 100

55 107.3 100.7 151.1

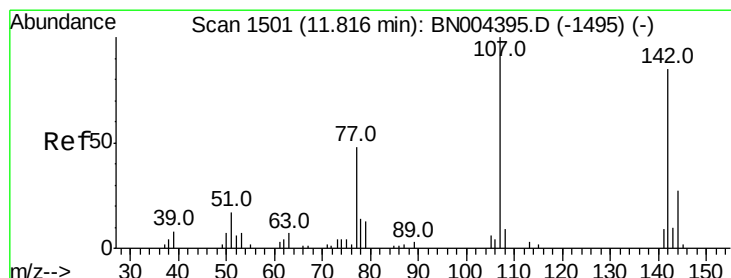
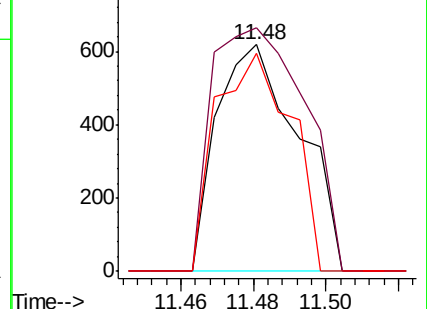
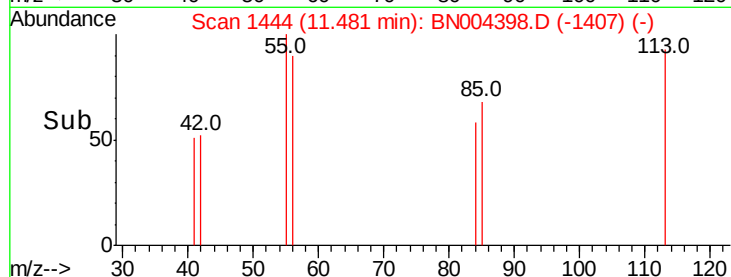
56 96.1 76.1 114.1



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: 3.196 ng/ul

RT: 11.81 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

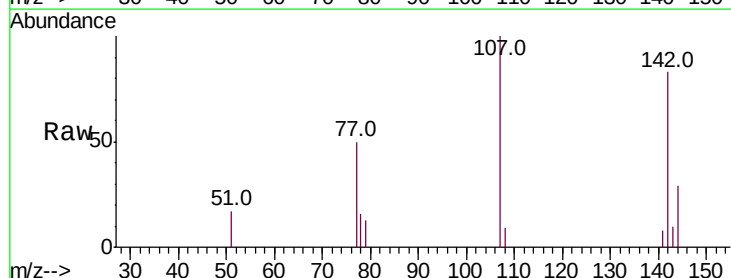
Tgt Ion:107 Resp: 5616

Ion Ratio Lower Upper

107 100

144 29.0 22.2 33.4

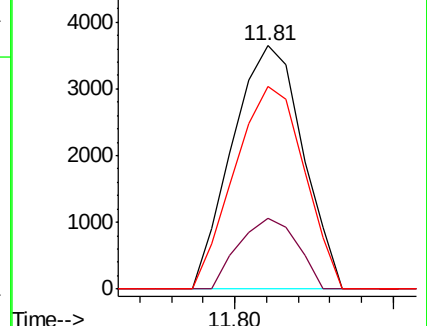
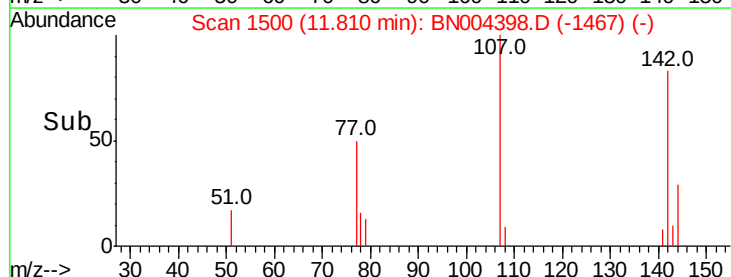
142 83.3 67.4 101.0

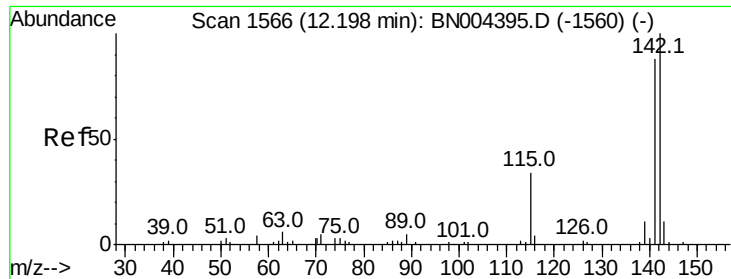


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

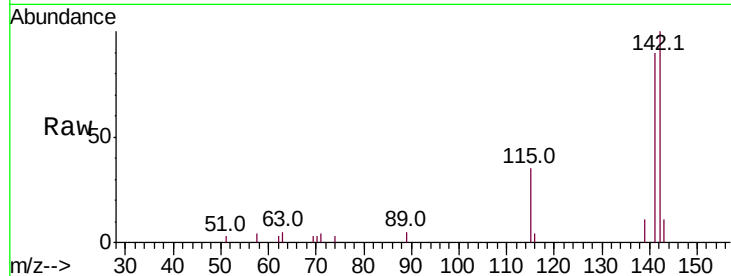




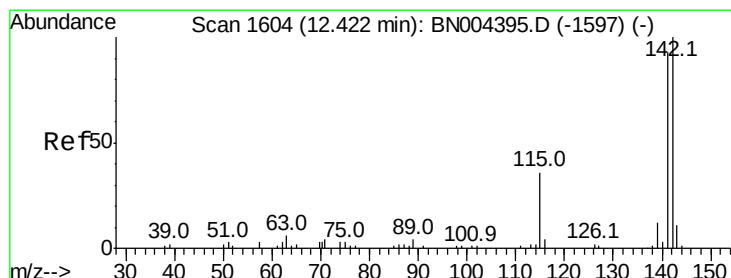
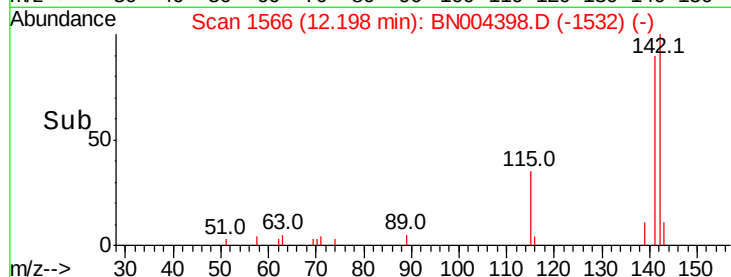
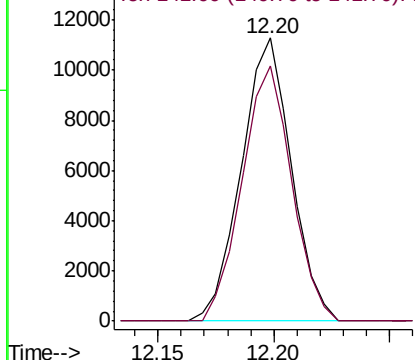
#34
 2-Methylnaphthalene
 Concen: 4.092 ng/ul
 RT: 12.20 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tot Ion:142 Resp: 17047
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6

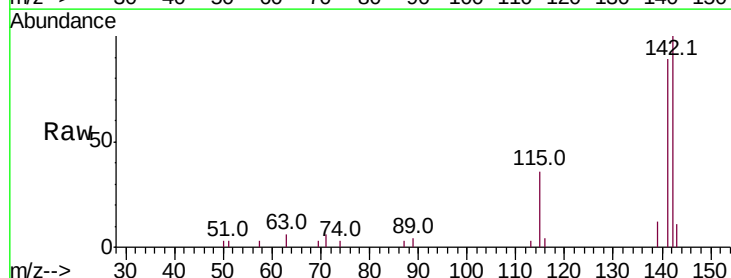


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

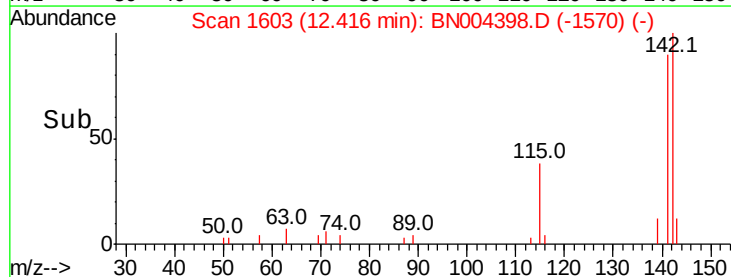
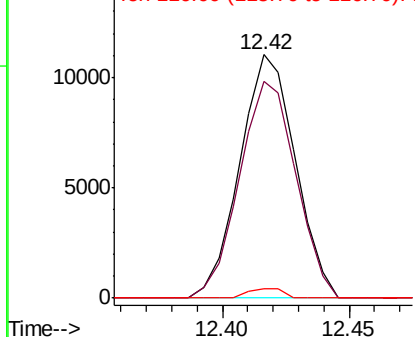


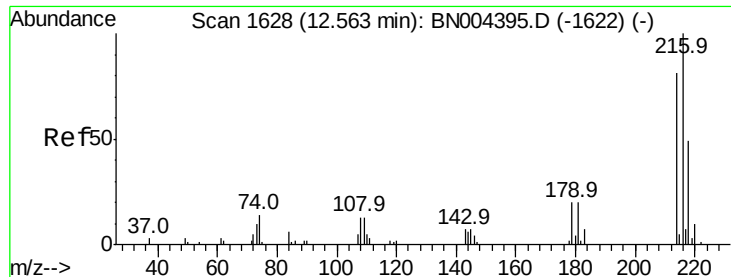
#35
 1-Methylnaphthalene
 Concen: 4.111 ng/ul
 RT: 12.42 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Tgt Ion:142 Resp: 16890
 Ion Ratio Lower Upper
 142 100
 141 89.2 74.9 112.3
 116 3.7 3.1 4.7



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

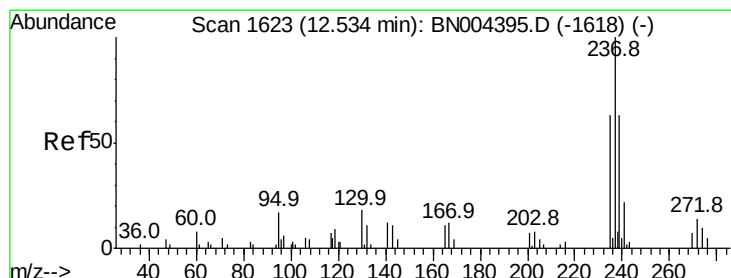
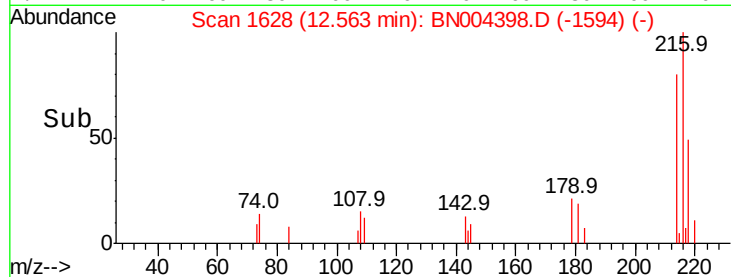
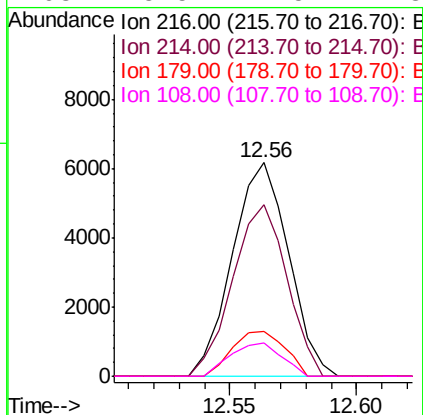
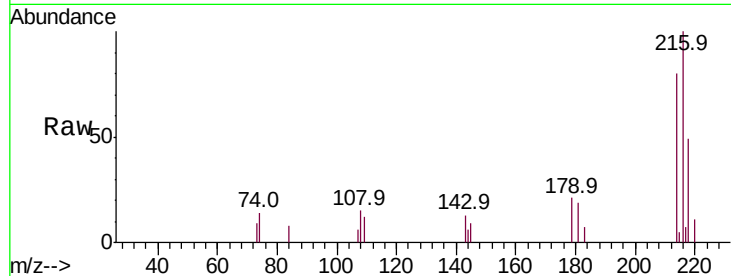




#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.071 ng/ul
 RT: 12.56 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

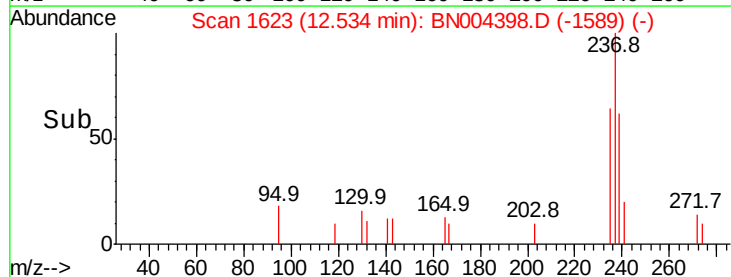
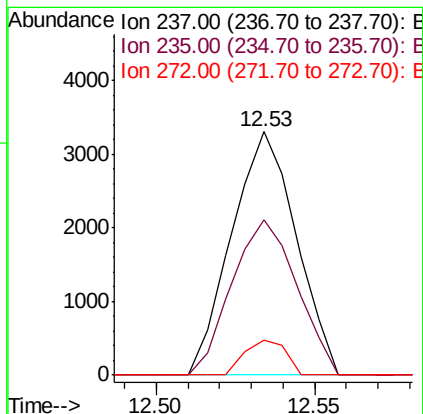
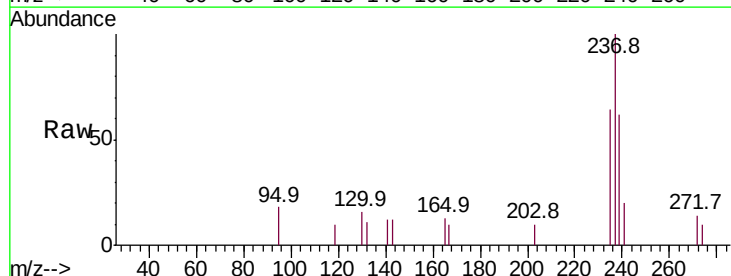
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

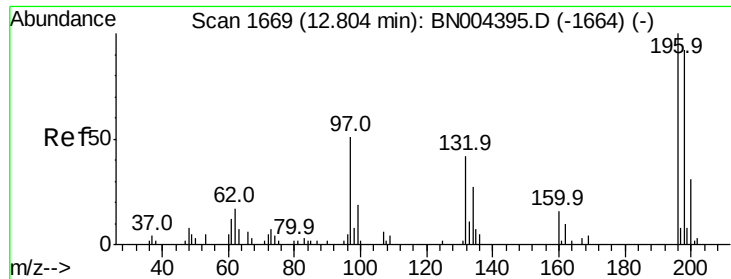
Tot Ion:	216	Resp:	9531
Ion	Ratio	Lower	Upper
216	100		
214	80.4	60.9	91.3
179	20.8	16.2	24.4
108	15.5	11.5	17.3



#38
 Hexachlorocyclopentadiene
 Concen: 3.205 ng/ul
 RT: 12.53 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Tgt Ion:	237	Resp:	4666
Ion	Ratio	Lower	Upper
237	100		
235	64.0	50.8	76.2
272	14.3	10.4	15.6

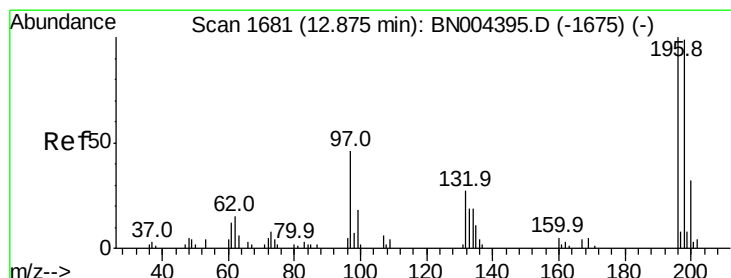
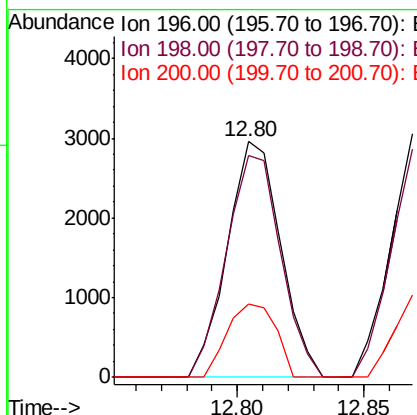
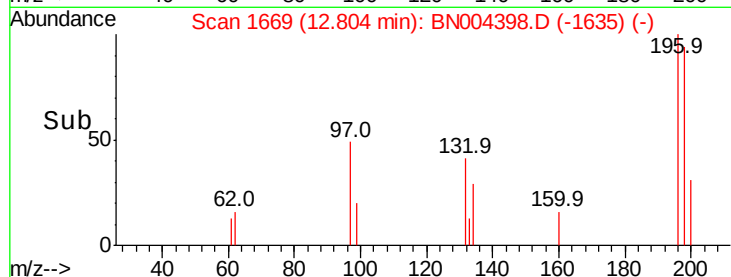
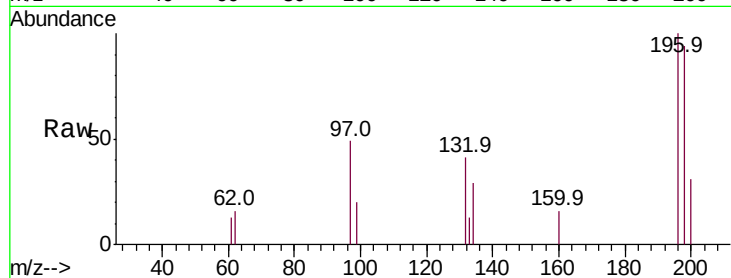




#39
 2,4,6-Trichlorophenol
 Concen: 3.134 ng/ul
 RT: 12.80 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

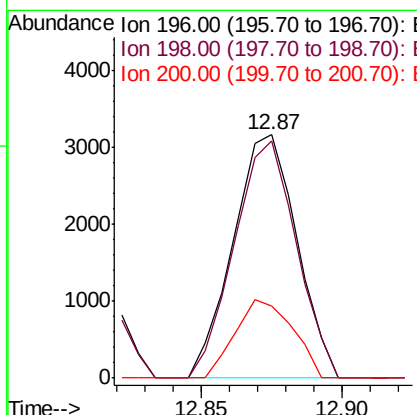
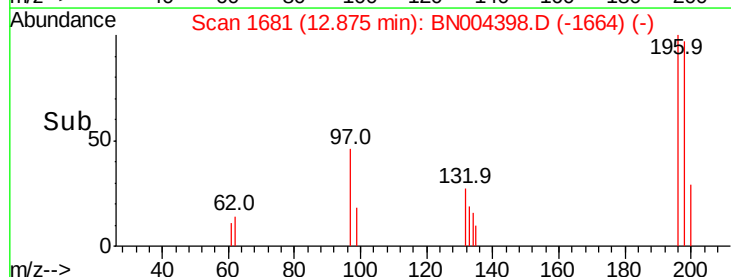
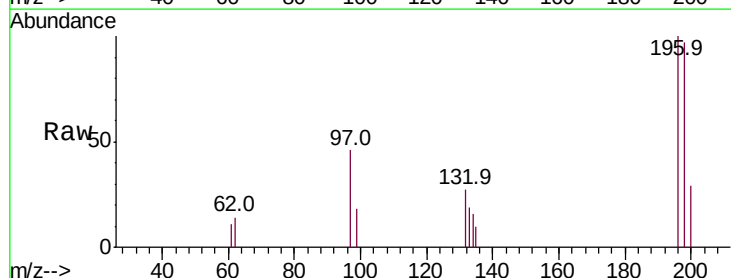
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

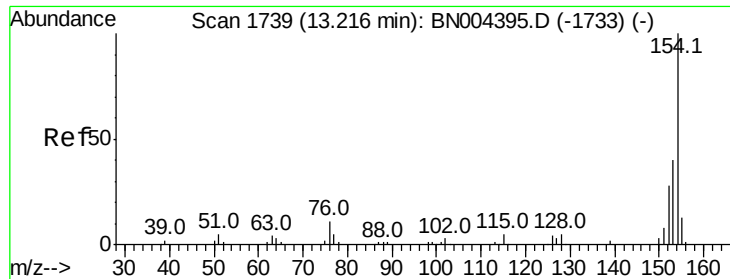
Tot Ion:	196	Resp:	4336
Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.6	115.0
200	31.1	24.5	36.7



#40
 2,4,5-Trichlorophenol
 Concen: 3.196 ng/ul
 RT: 12.87 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Tgt Ion:	196	Resp:	4967
Ion	Ratio	Lower	Upper
196	100		
198	97.3	79.9	119.9
200	29.4	25.9	38.9

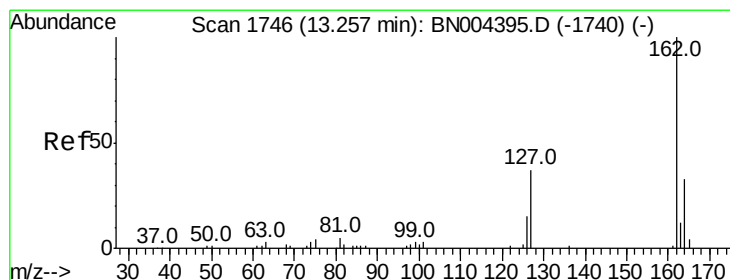
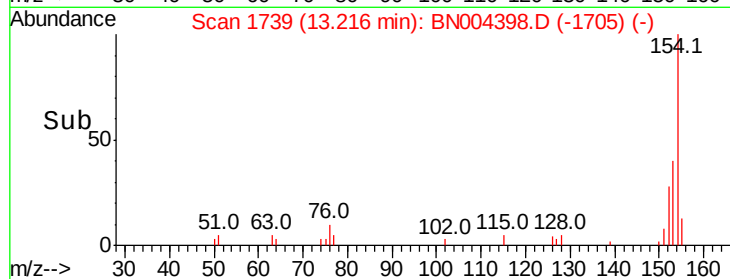
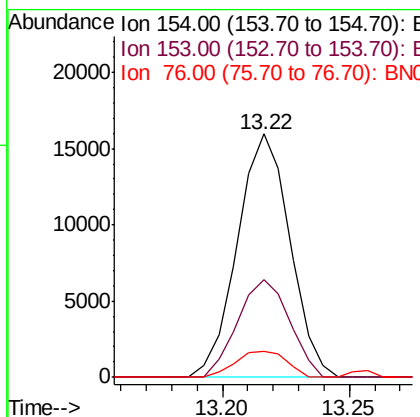
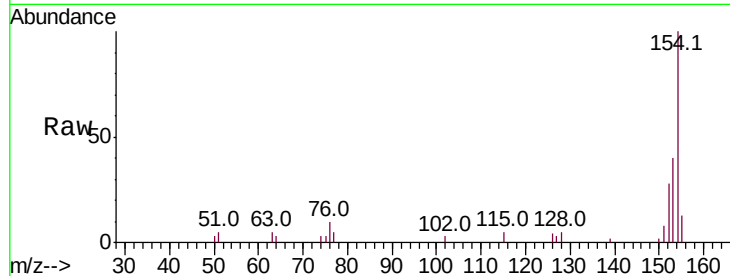




#41
 1,1'-Biphenyl
 Concen: 4.034 ng/ul
 RT: 13.22 min Scan# 1739
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

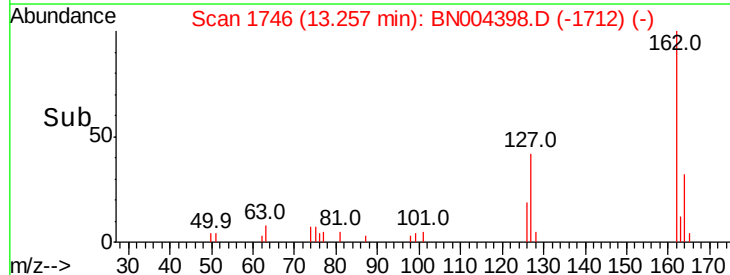
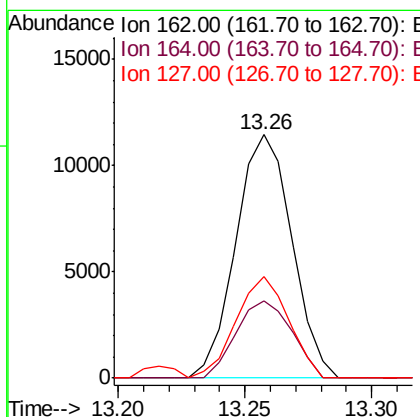
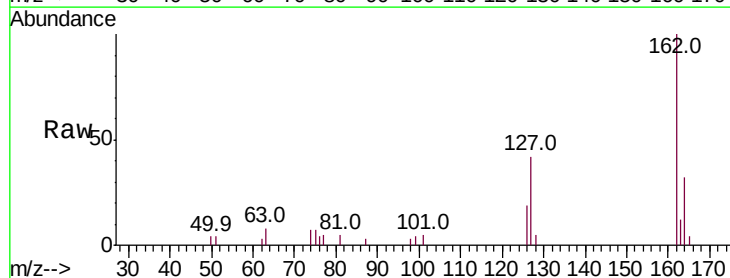
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

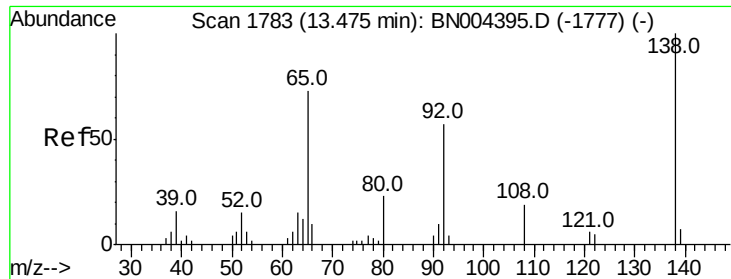
Tot Ion:	154	Resp:	22923
Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.6	48.8
76	10.4	9.2	13.8



#42
 2-Chloronaphthalene
 Concen: 3.990 ng/ul
 RT: 13.26 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Tgt Ion:	162	Resp:	17638
Ion	Ratio	Lower	Upper
162	100		
164	31.6	26.4	39.6
127	41.6	31.8	47.6





#43

2-Nitroaniline

Concen: 2.597 ng/ul

RT: 13.47 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

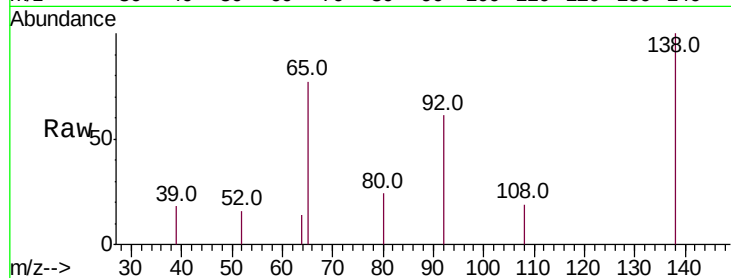
Tot Ion: 65 Resp: 2343

Ion Ratio Lower Upper

65 100

92 78.6 62.1 93.1

138 129.6 105.0 157.6



Abundance Ion 65.00 (64.70 to 65.70): BN004395.D (-1777) (-)

Ion 92.00 (91.70 to 92.70): BN004395.D (-1777) (-)

Ion 138.00 (137.70 to 138.70): BN004395.D (-1777) (-)

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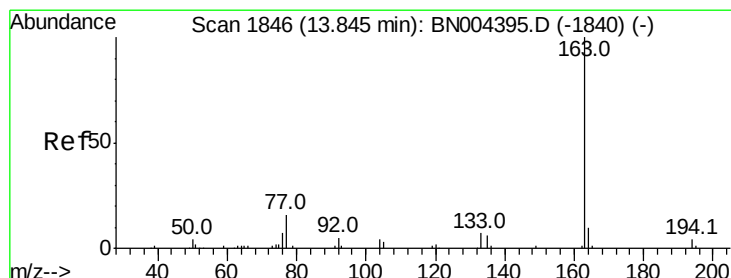
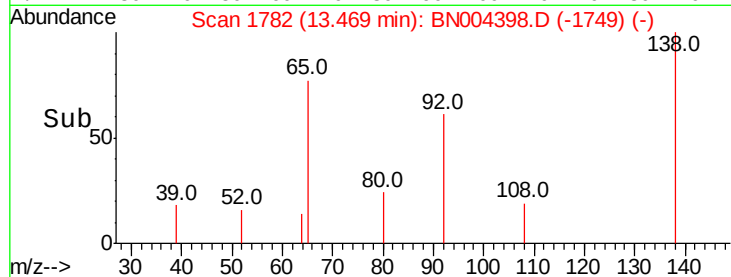
13.47

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13.47

13.47

13.47



#45

Dimethylphthalate

Concen: 3.940 ng/ul

RT: 13.84 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

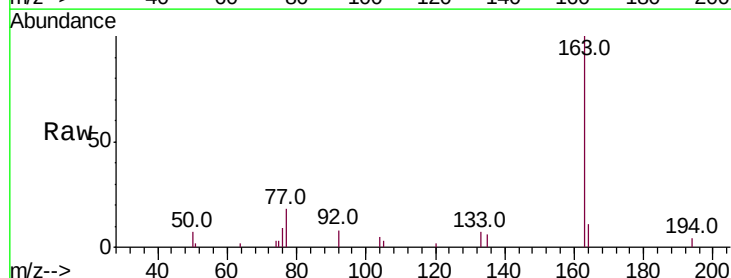
Tgt Ion:163 Resp: 23230

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.7 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): BN004395.D (-1840) (-)

Ion 194.00 (193.70 to 194.70): BN004395.D (-1840) (-)

Ion 164.00 (163.70 to 164.70): BN004395.D (-1840) (-)

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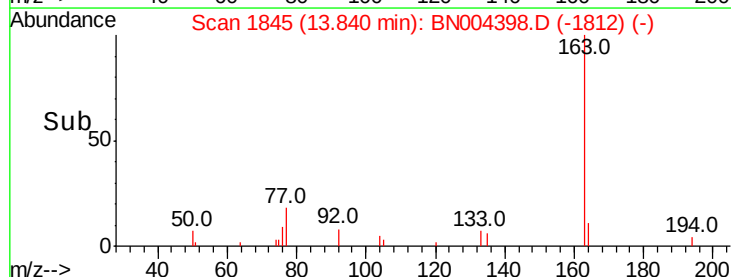
13.84

13.84

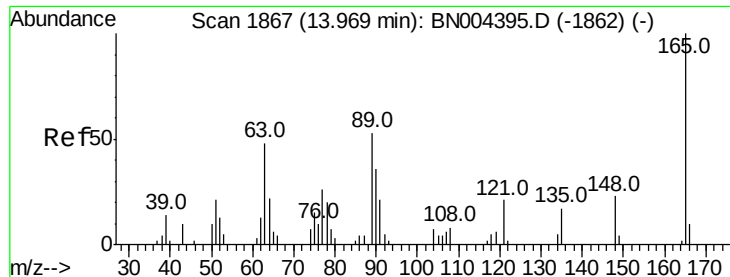
13.84

13.84

13.84



Time-->



#46

2,6-Dinitrotoluene

Concen: 2.933 ng/ul

RT: 13.97 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

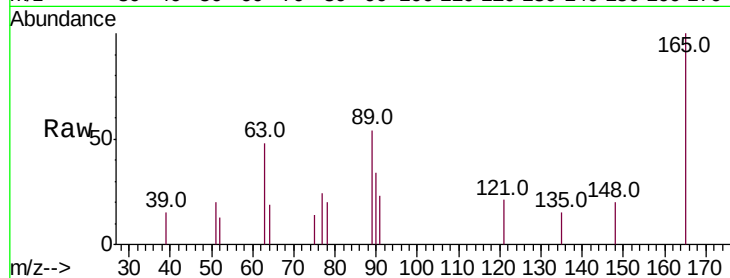
Tot Ion:165 Resp: 3049

Ion Ratio Lower Upper

165 100

89 54.5 42.0 63.0

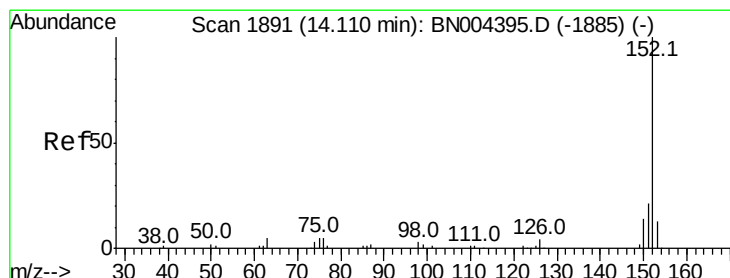
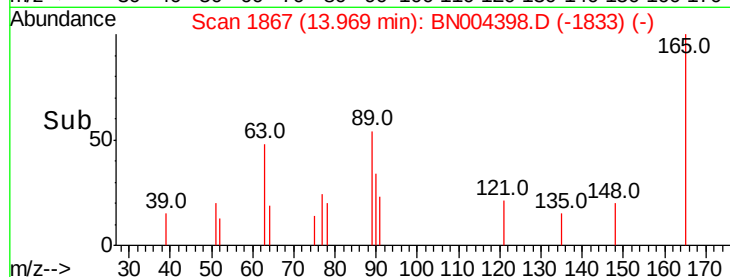
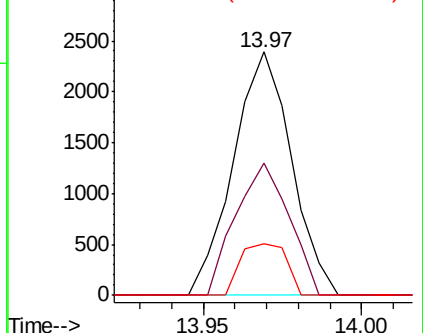
121 21.4 17.0 25.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BN0

Ion 121.00 (120.70 to 121.70): E



#48

Acenaphthylene

Concen: 4.006 ng/ul

RT: 14.11 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

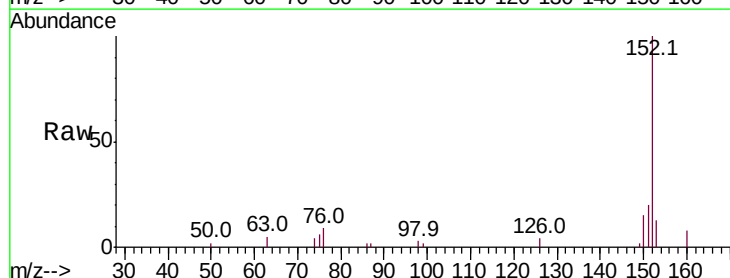
Tgt Ion:152 Resp: 26880

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

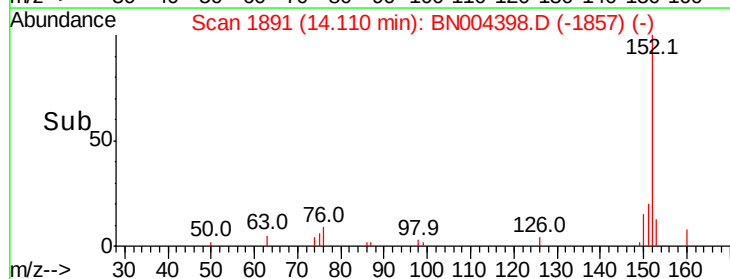
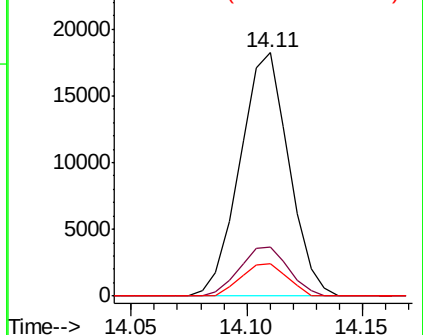
153 13.2 10.6 16.0

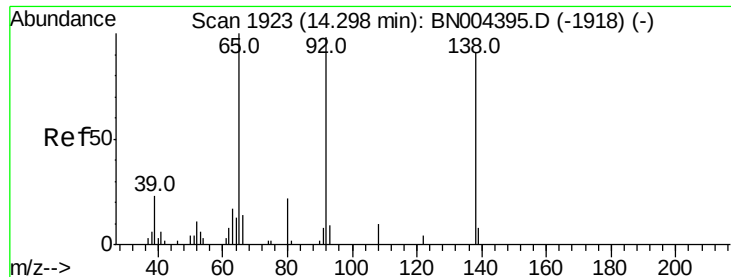


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

3-Nitroaniline

Concen: 2.259 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

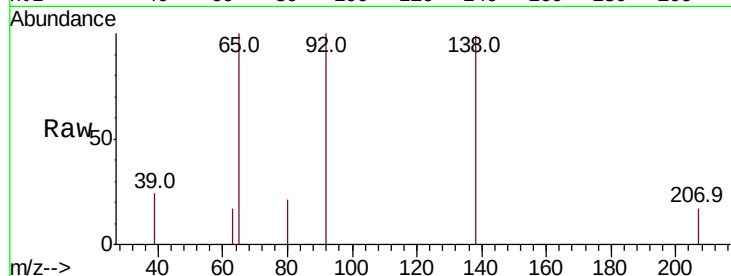
Tot Ion:138 Resp: 2397

Ion Ratio Lower Upper

138 100

108 0.0 9.0 13.4#

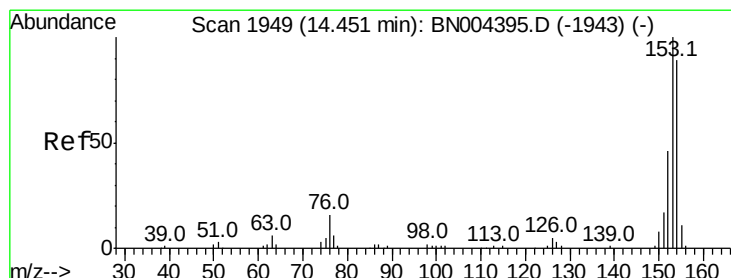
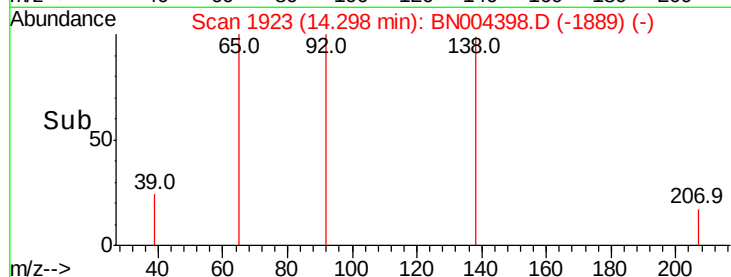
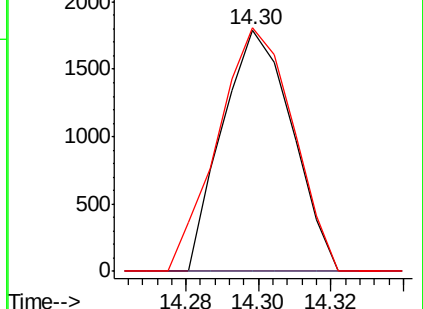
92 100.9 85.8 128.6



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): BNC



#50

Acenaphthene

Concen: 4.117 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

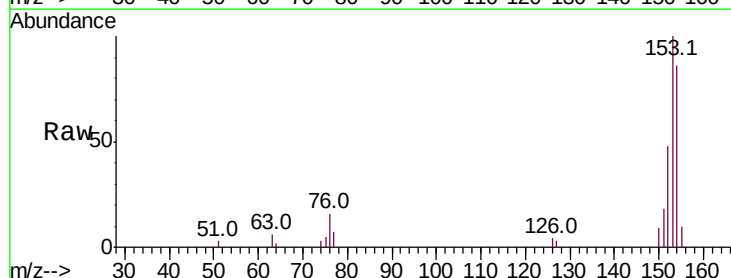
Tgt Ion:153 Resp: 19897

Ion Ratio Lower Upper

153 100

152 48.3 37.8 56.6

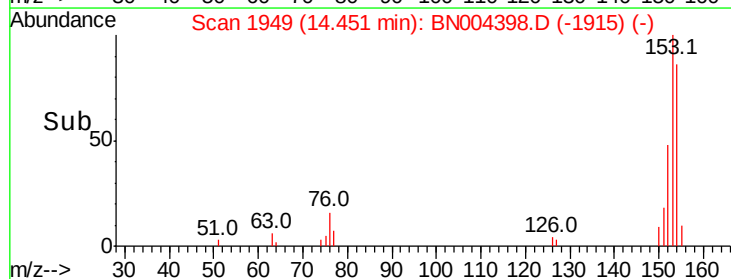
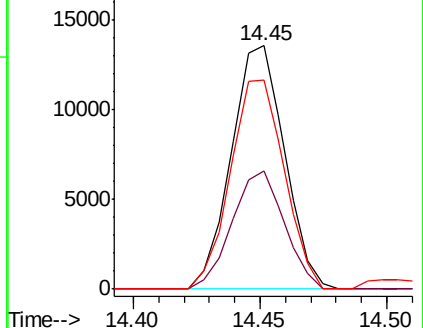
154 85.8 70.0 105.0

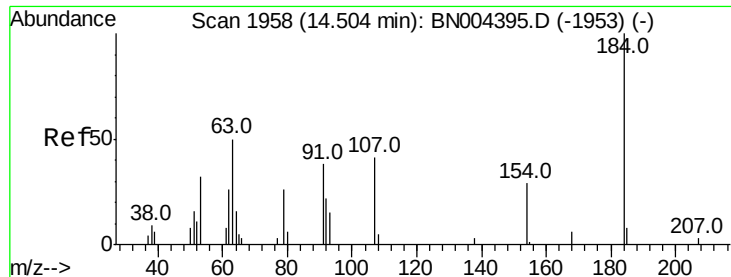


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

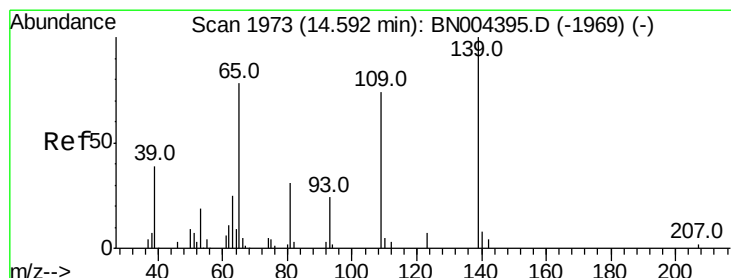
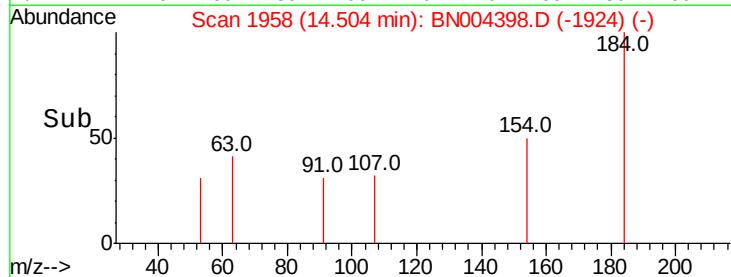
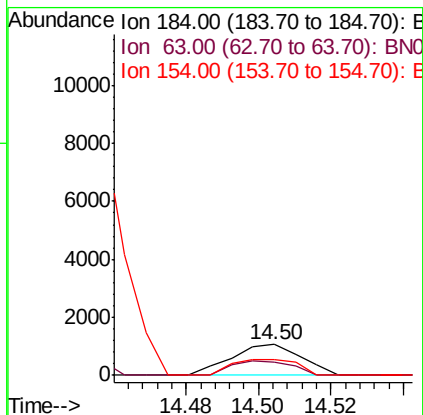
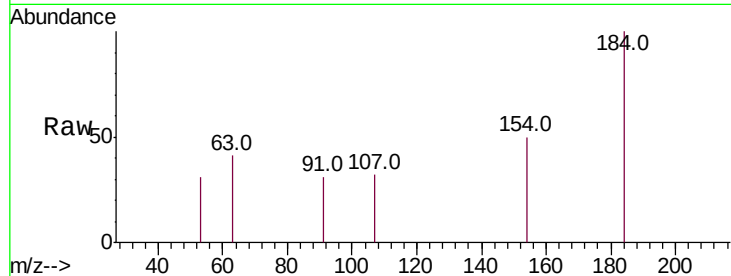




#51
 2,4-Dinitrophenol
 Concen: 2.226 ng/ul
 RT: 14.50 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

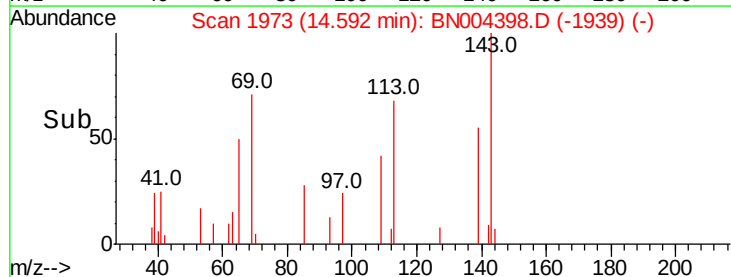
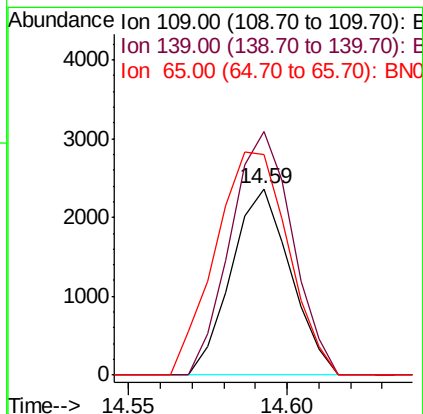
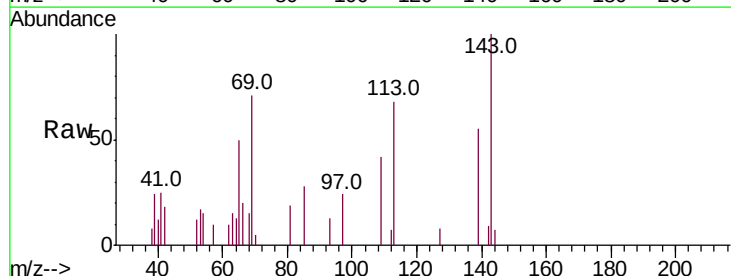
Instrument :
 BNA_N
 ClientSampled :
 MDL-S-03

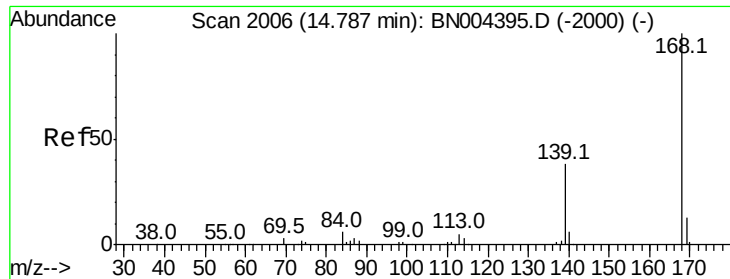
Tot Ion:184 Resp: 1440
 Ion Ratio Lower Upper
 184 100
 63 41.4 39.1 58.7
 154 50.1 46.2 69.4



#53
 4-Nitrophenol
 Concen: 3.598 ng/ul
 RT: 14.59 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Tgt Ion:109 Resp: 3055
 Ion Ratio Lower Upper
 109 100
 139 130.8 112.1 168.1
 65 118.3 90.3 135.5





#54

Dibenzenofuran

Concen: 4.128 ng/ul

RT: 14.79 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

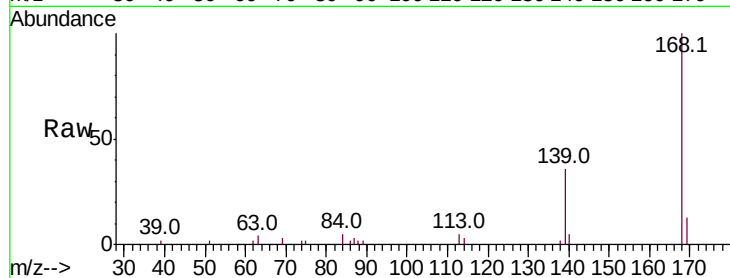
MDL-S-03

Tot Ion:168 Resp: 28859

Ion Ratio Lower Upper

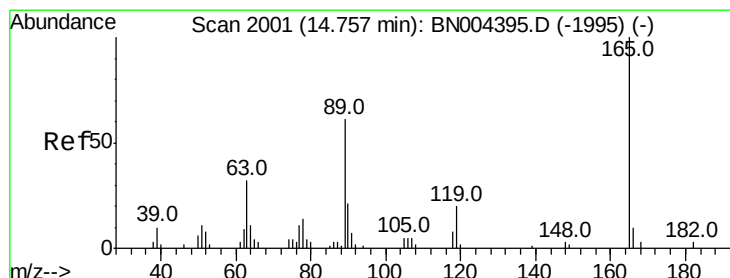
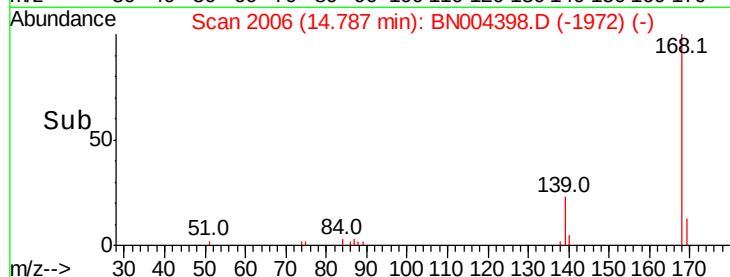
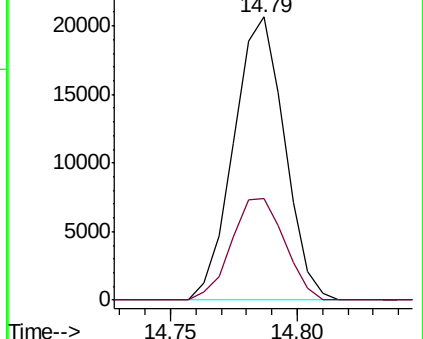
168 100

139 35.9 29.8 44.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 3.178 ng/ul

RT: 14.75 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

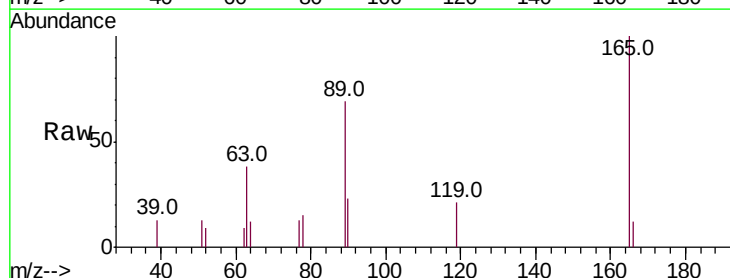
Tgt Ion:165 Resp: 5182

Ion Ratio Lower Upper

165 100

63 37.7 27.6 41.4

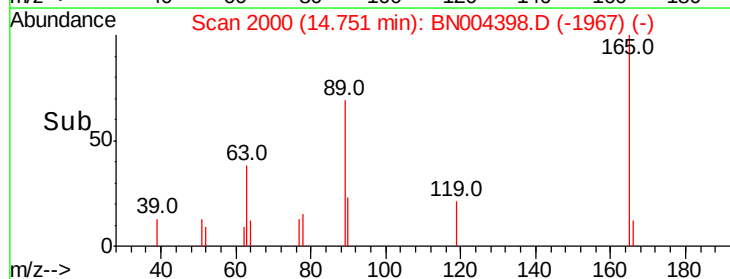
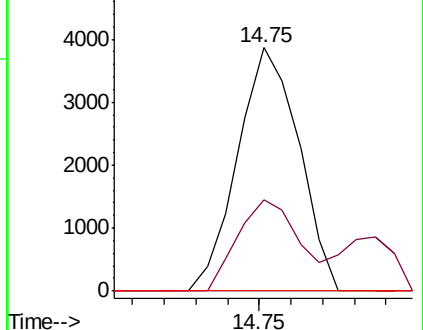
182 0.0 2.3 3.5#

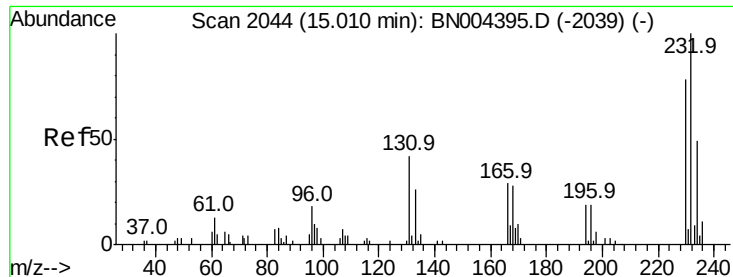


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.221 ng/ul

RT: 15.00 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

Tot Ion:232 Resp: 4567

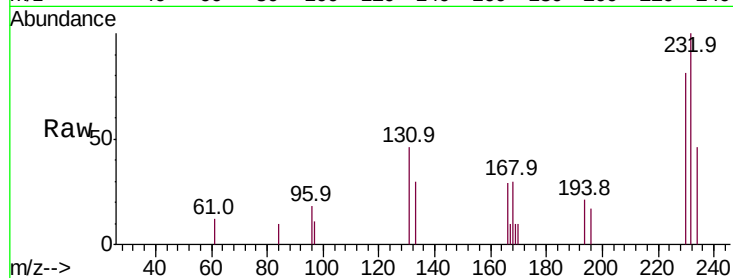
Ion Ratio Lower Upper

232 100

131 46.0 33.4 50.0

130 0.0 1.8 2.8#

166 29.0 23.4 35.0

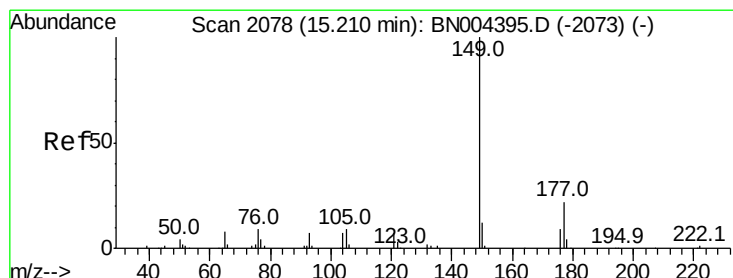
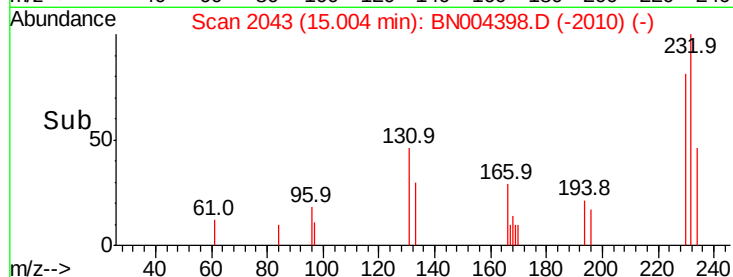
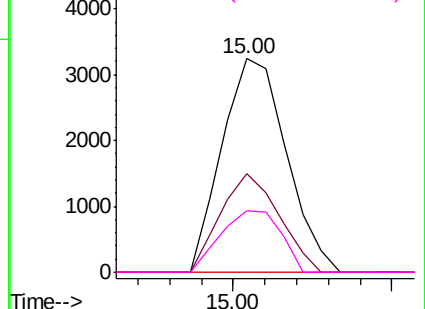


Abundance Ion 232.00 (231.70 to 232.70): E

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: 3.568 ng/ul

RT: 15.21 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

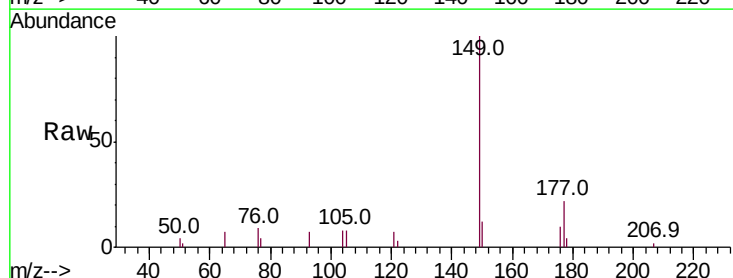
Tgt Ion:149 Resp: 20764

Ion Ratio Lower Upper

149 100

177 22.1 18.0 27.0

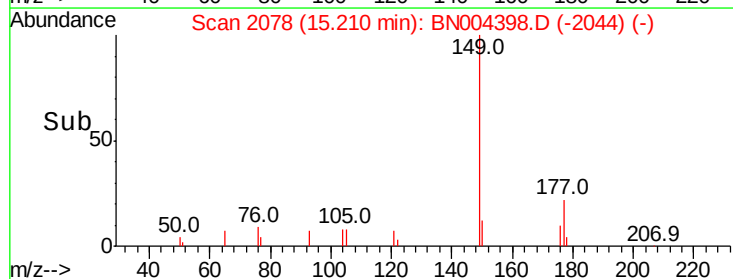
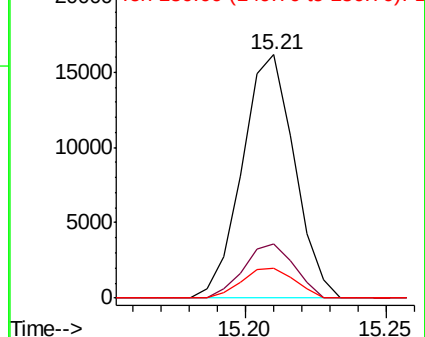
150 12.4 10.2 15.2

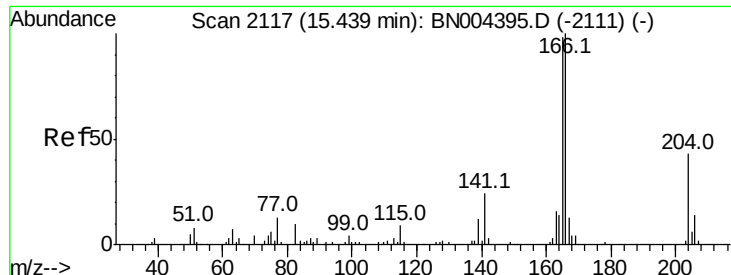


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 4.093 ng/ul

RT: 15.43 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

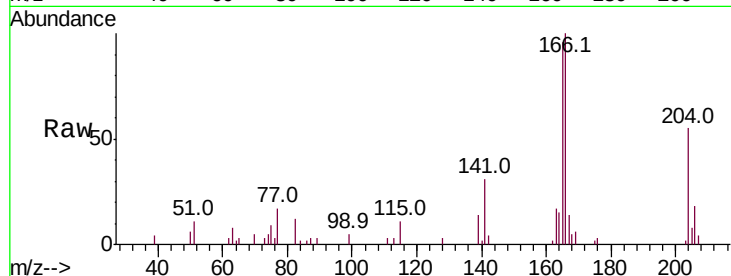
Tot Ion:166 Resp: 23191

Ion Ratio Lower Upper

166 100

165 96.4 78.0 117.0

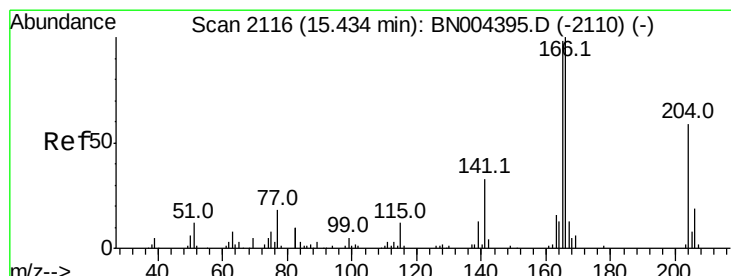
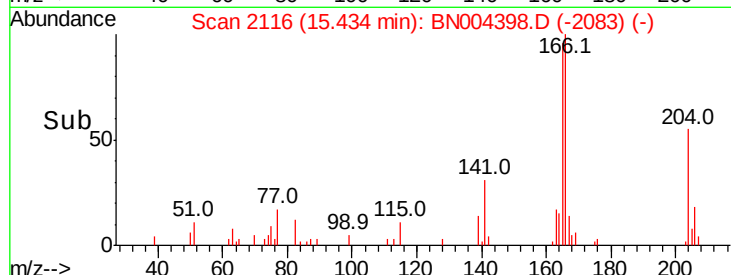
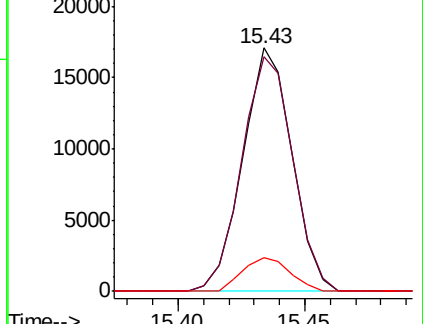
167 13.9 10.8 16.2



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: 4.203 ng/ul

RT: 15.43 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

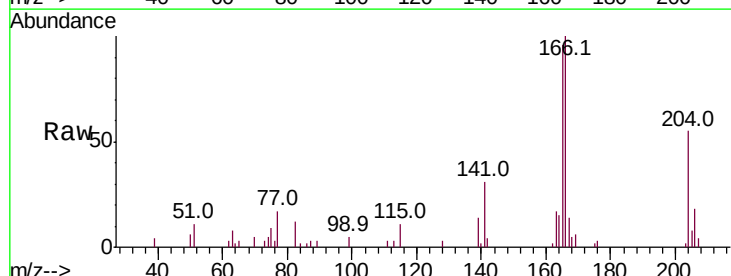
Tgt Ion:204 Resp: 12601

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

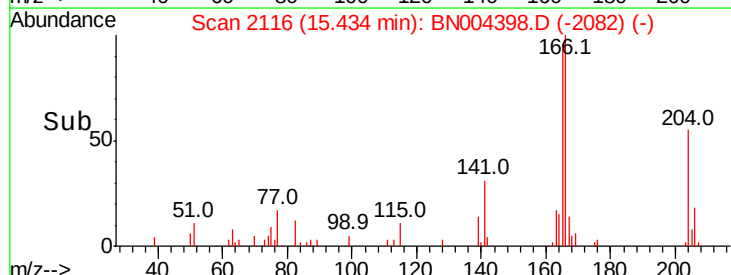
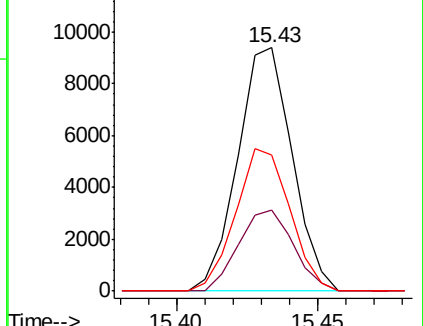
141 55.7 44.8 67.2

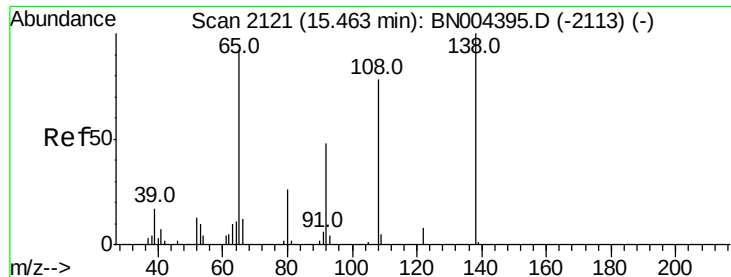


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 2.149 ng/ul

RT: 15.46 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

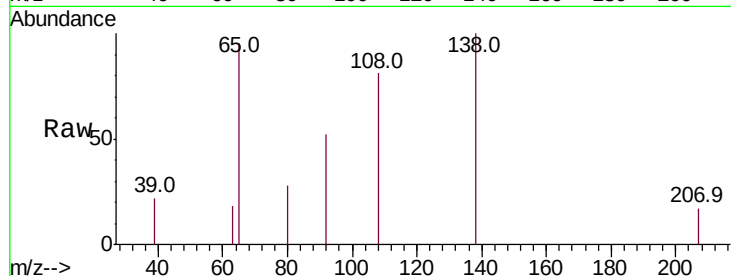
Tot Ion:138 Resp: 2967

Ion Ratio Lower Upper

138 100

92 51.5 37.8 56.8

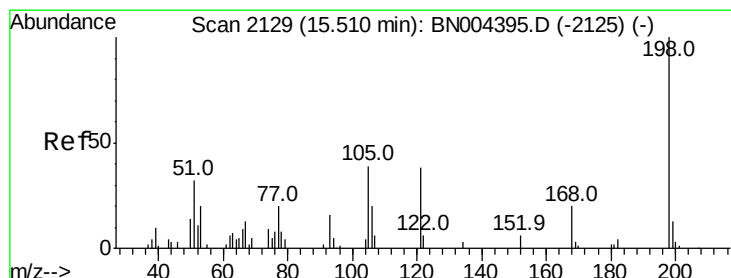
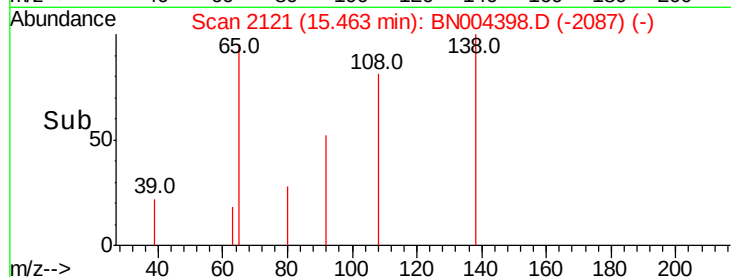
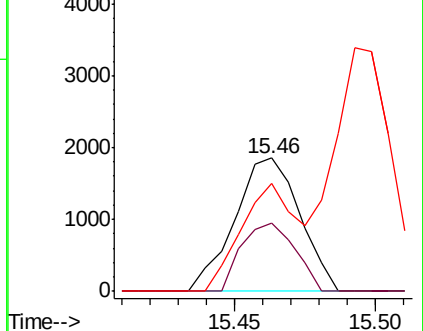
108 80.9 61.7 92.5



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: 3.377 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

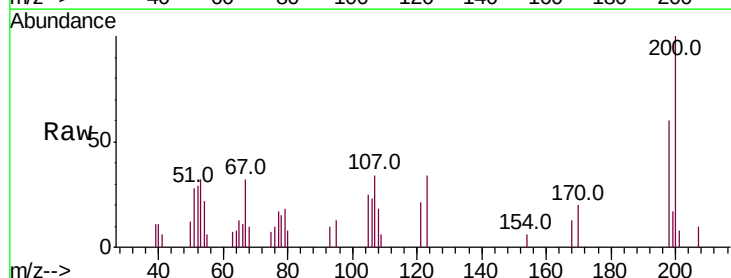
Tgt Ion:198 Resp: 3657

Ion Ratio Lower Upper

198 100

182 0.0 3.3 4.9#

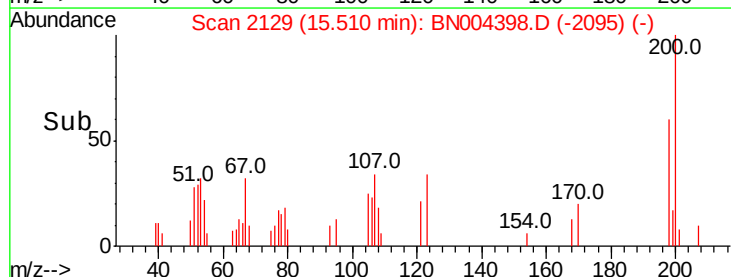
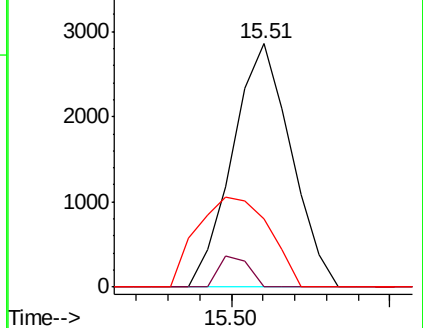
77 28.1 16.2 24.4#

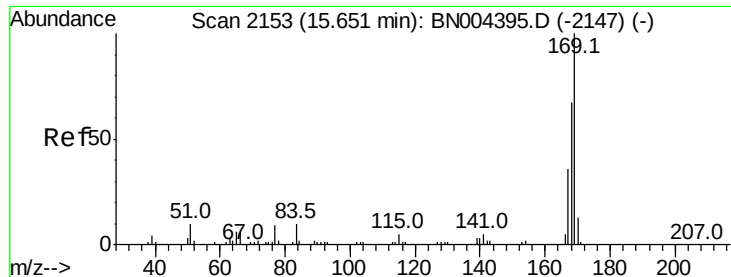


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNO





#65

N-Nitrosodiphenylamine

Concen: 3.850 ng/ul

RT: 15.65 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

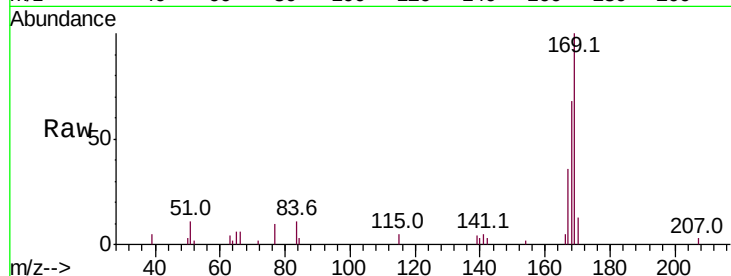
Tot Ion:169 Resp: 19476

Ion Ratio Lower Upper

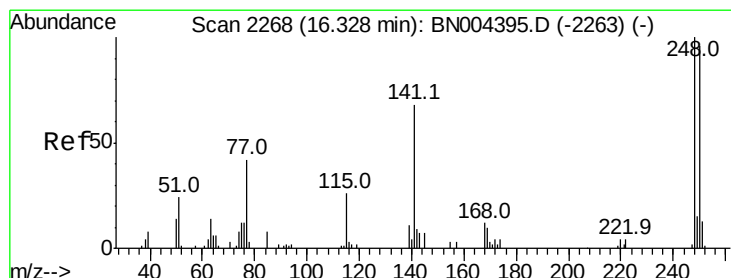
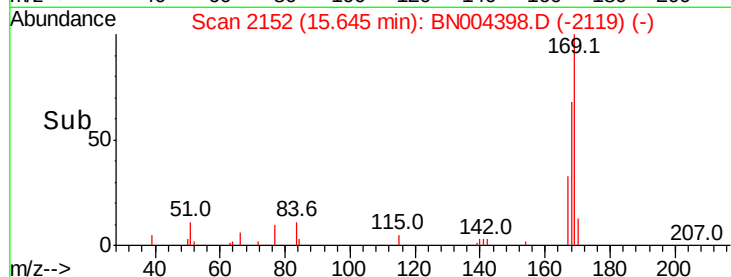
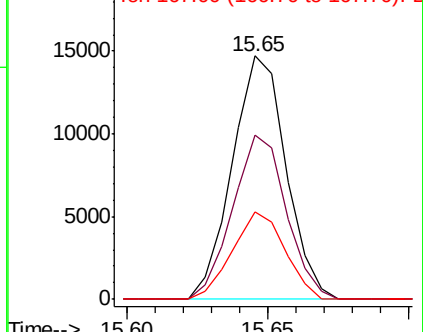
169 100

168 67.7 53.8 80.6

167 36.2 29.0 43.4



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



#66

4-Bromophenyl-phenylether

Concen: 3.898 ng/ul

RT: 16.33 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

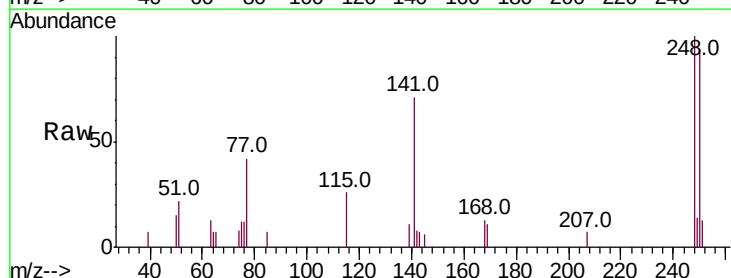
Tgt Ion:248 Resp: 7694

Ion Ratio Lower Upper

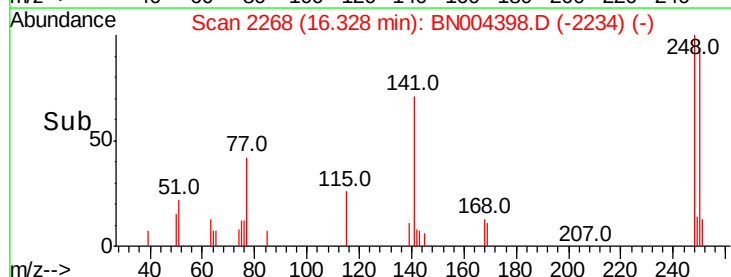
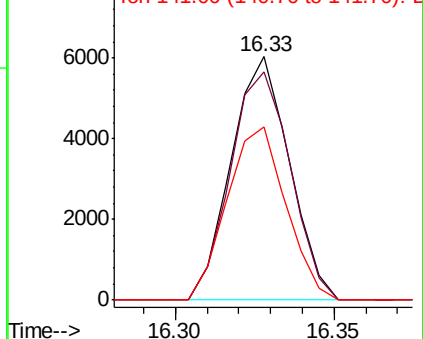
248 100

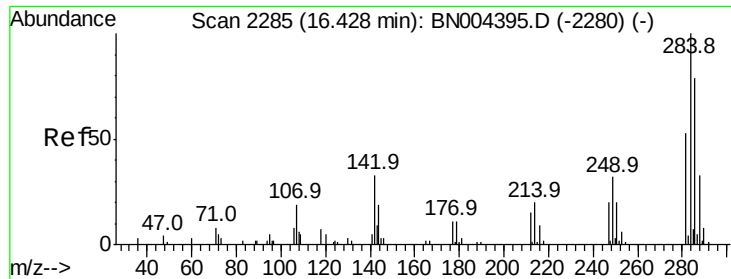
250 93.7 77.9 116.9

141 71.4 55.1 82.7



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 3.924 ng/ul

RT: 16.43 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

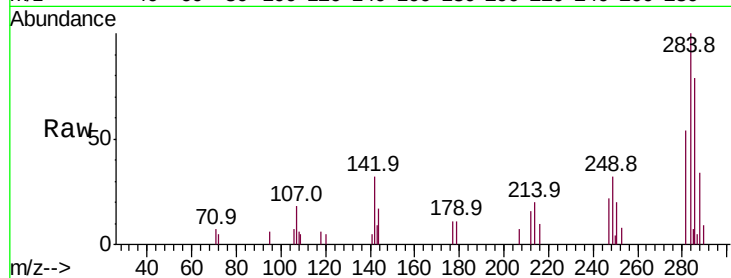
Tot Ion:284 Resp: 9072

Ion Ratio Lower Upper

284 100

142 32.2 24.5 36.7

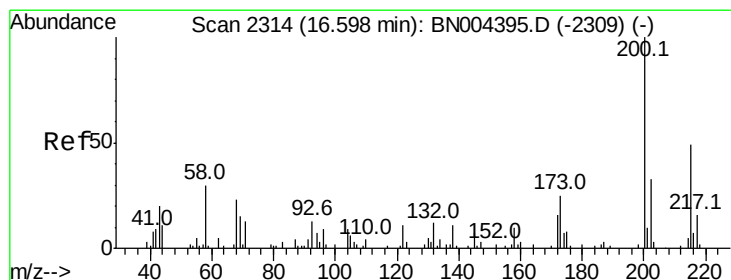
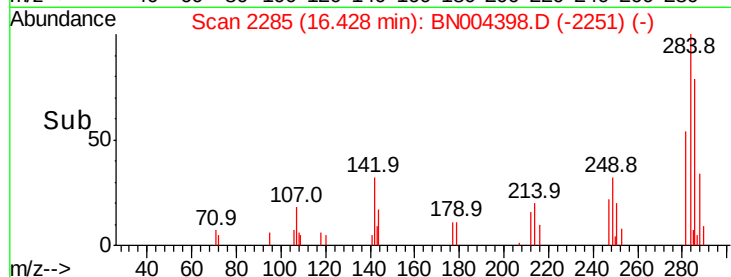
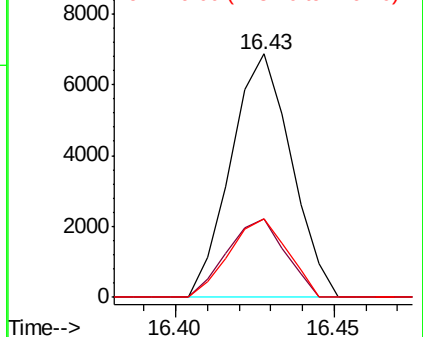
249 32.1 25.0 37.6



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: 2.906 ng/ul

RT: 16.60 min Scan# 2314

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

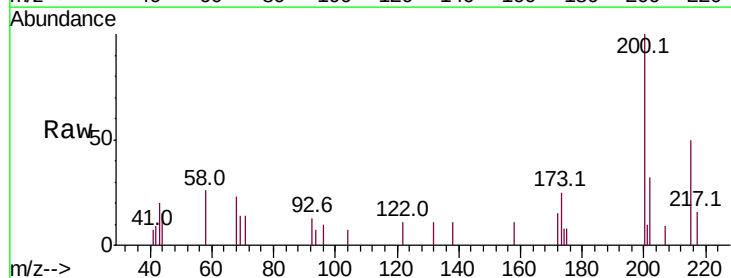
Tgt Ion:200 Resp: 5661

Ion Ratio Lower Upper

200 100

173 25.2 20.1 30.1

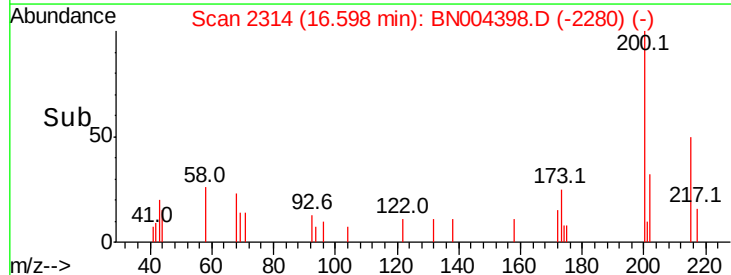
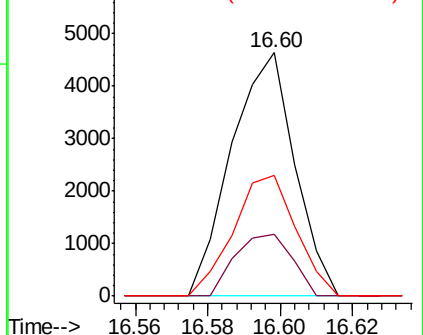
215 49.7 39.1 58.7

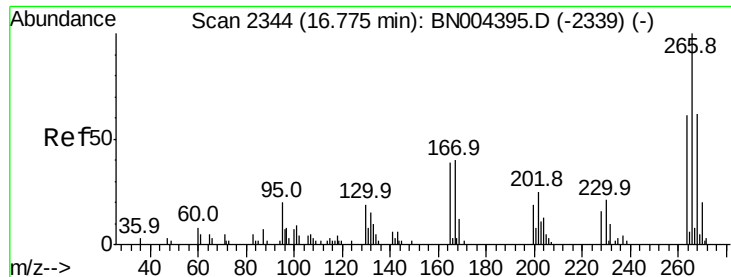


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

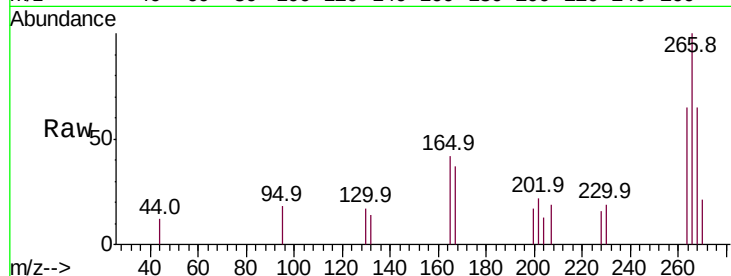




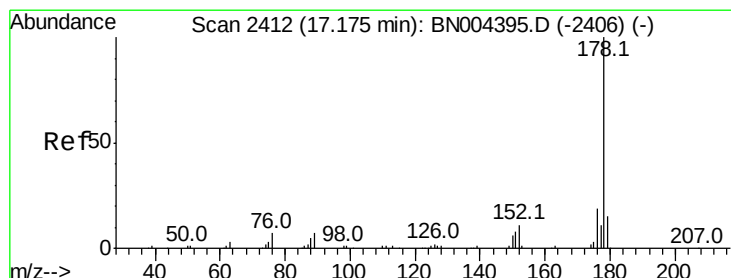
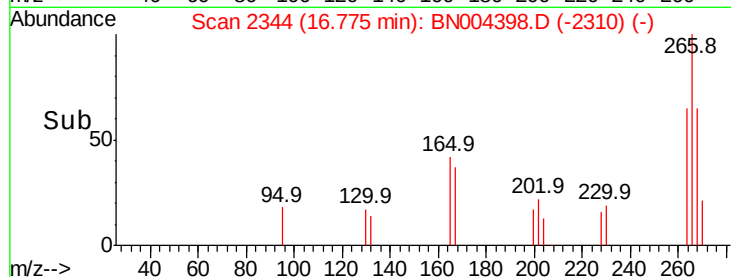
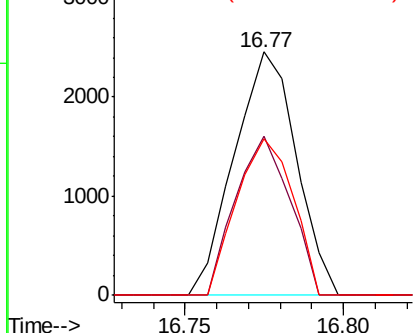
#69
 Pentachlorophenol
 Concen: 2.478 ng/ul
 RT: 16.77 min Scan# 2344
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tot Ion:266 Resp: 3340
 Ion Ratio Lower Upper
 266 100
 264 65.2 50.3 75.5
 268 64.6 49.6 74.4

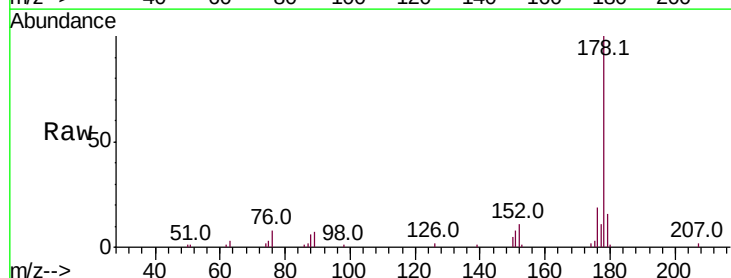


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

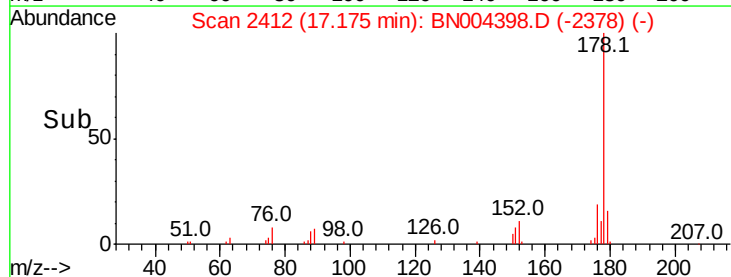
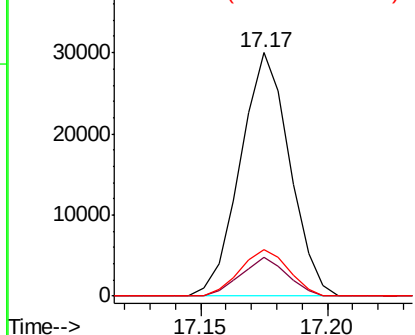


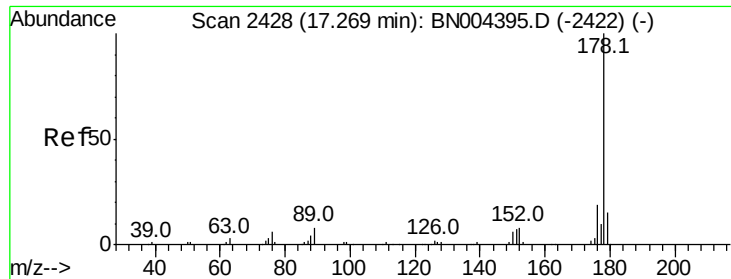
#70
 Phenanthrene
 Concen: 4.140 ng/ul
 RT: 17.17 min Scan# 2412
 Delta R.T. 0.00 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Tgt Ion:178 Resp: 40574
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.3 18.5
 176 19.3 15.4 23.0



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: 4.093 ng/uL

RT: 17.27 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

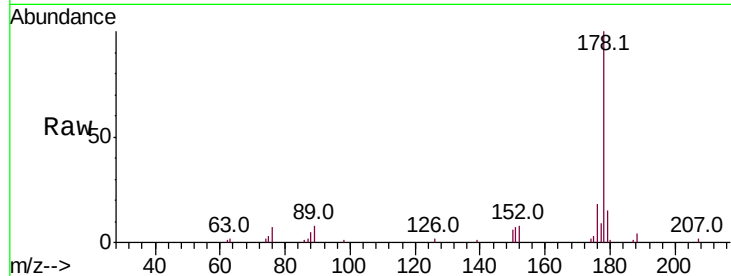
Tot Ion:178 Resp: 40383

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.4

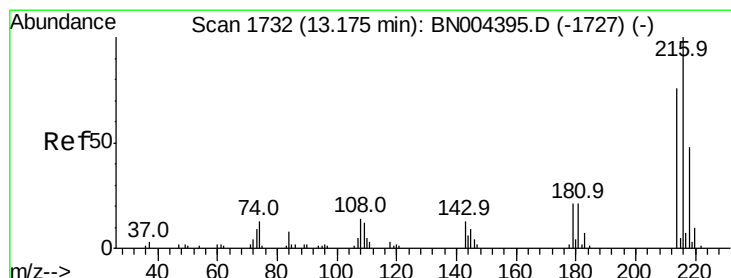
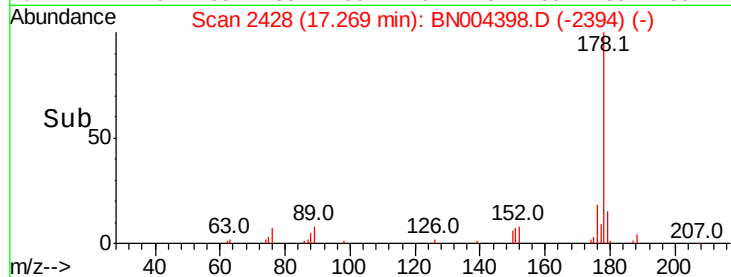
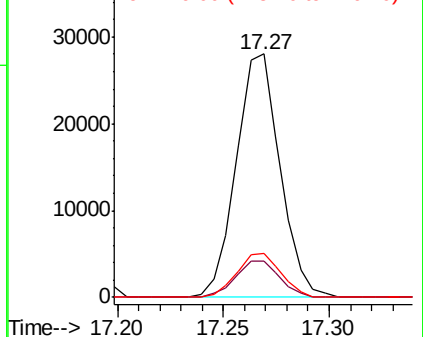
176 18.3 14.9 22.3



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: 4.036 ng/uL

RT: 13.17 min Scan# 1732

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

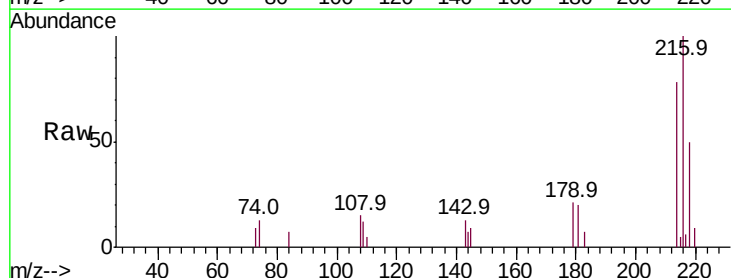
Tgt Ion:216 Resp: 9779

Ion Ratio Lower Upper

216 100

214 78.4 61.9 92.9

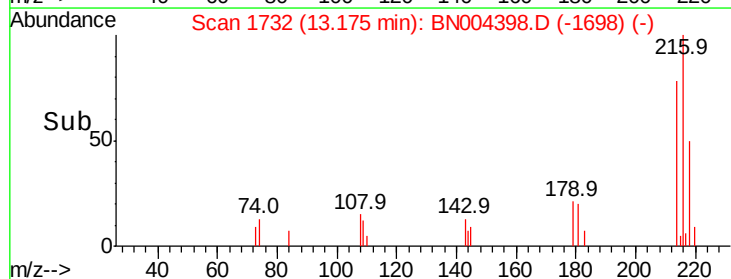
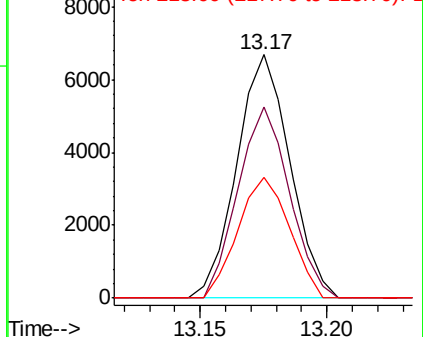
218 49.7 38.7 58.1

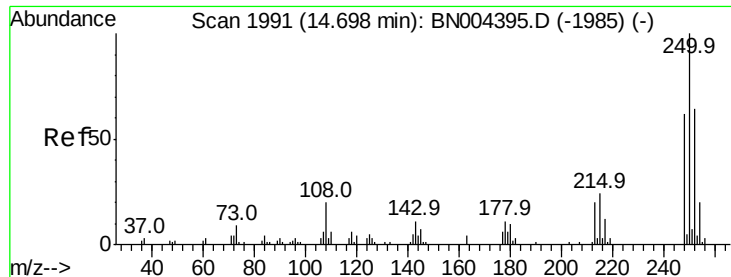


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 4.063 ng/uL

RT: 14.70 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

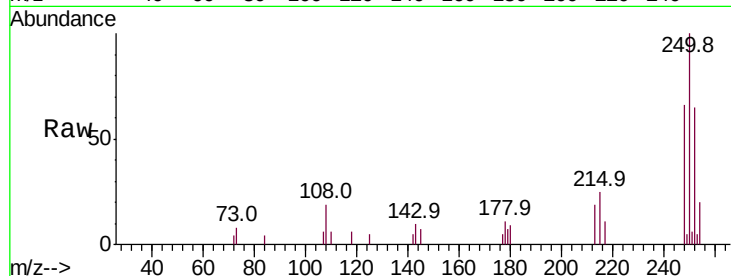
Tot Ion:250 Resp: 10521

Ion Ratio Lower Upper

250 100

248 65.8 51.5 77.3

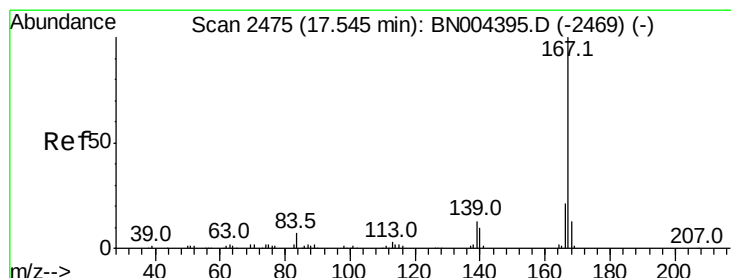
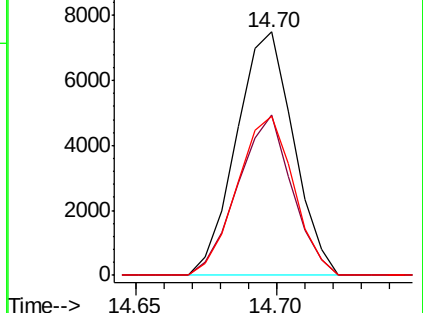
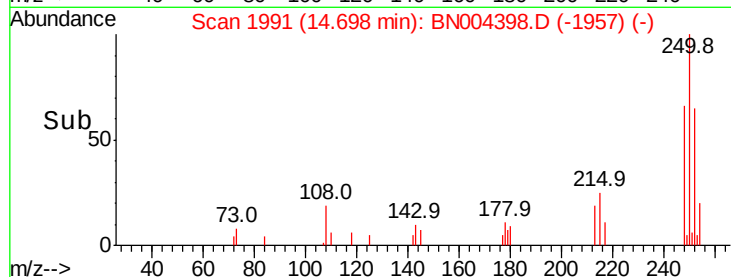
252 65.4 50.4 75.6



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: 3.734 ng/uL

RT: 17.54 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

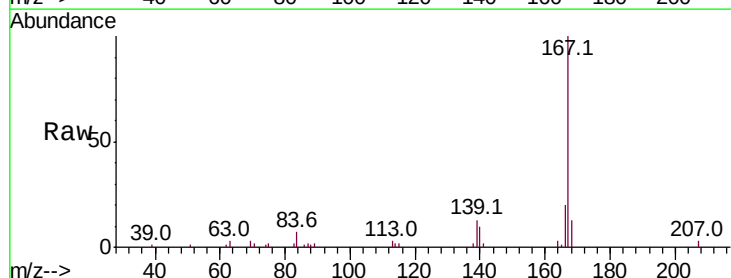
Tgt Ion:167 Resp: 32922

Ion Ratio Lower Upper

167 100

166 20.0 17.5 26.3

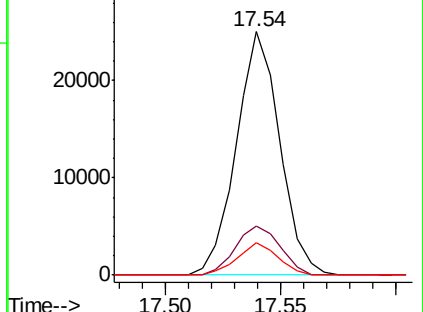
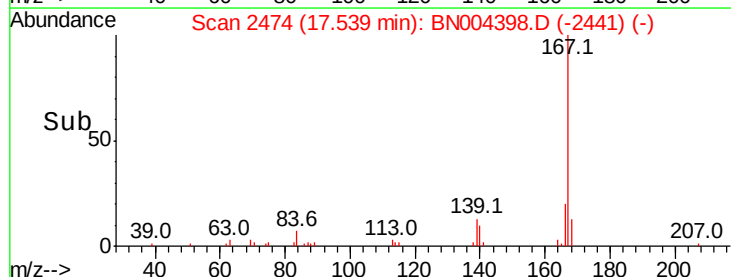
139 13.1 10.4 15.6

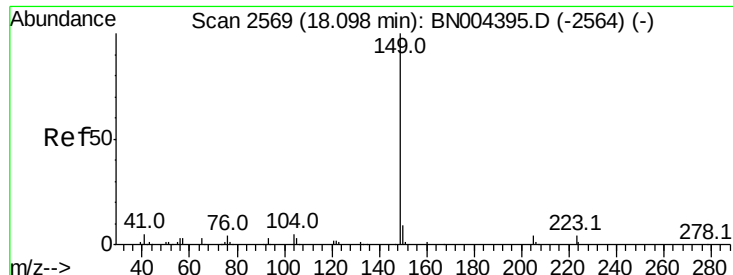


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

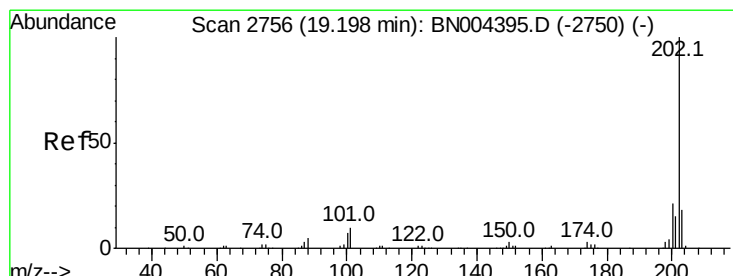
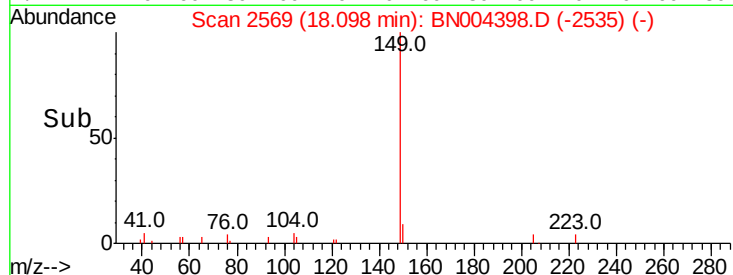
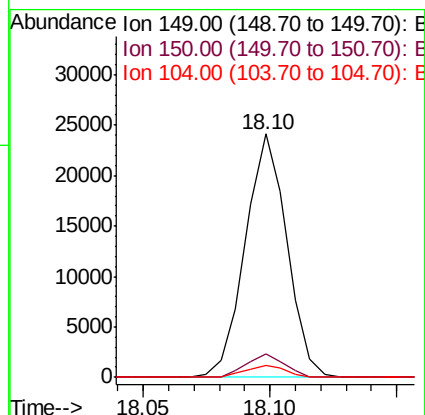
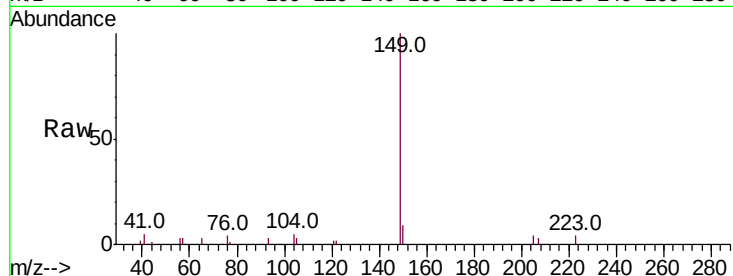




#76
Di-n-butylphthalate
Concen: 2.858 ng/ul
RT: 18.10 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BN004398.D
Acq: 13 Feb 2019 18:22

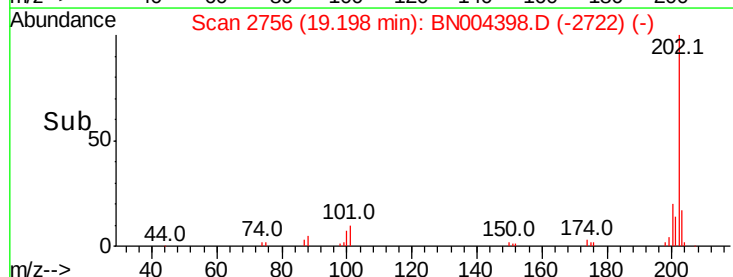
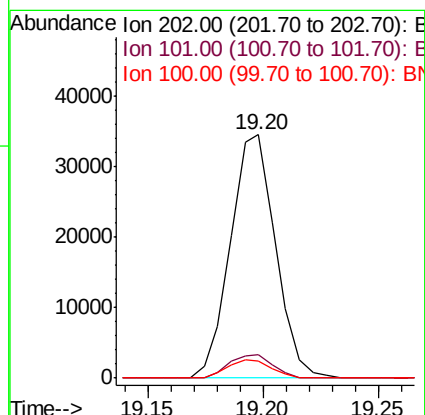
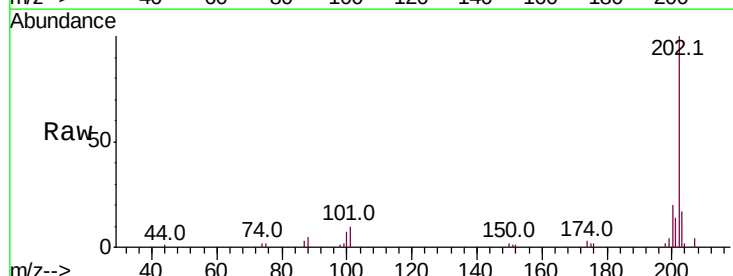
Instrument :
BNA_N
ClientSampleId :
MDL-S-03

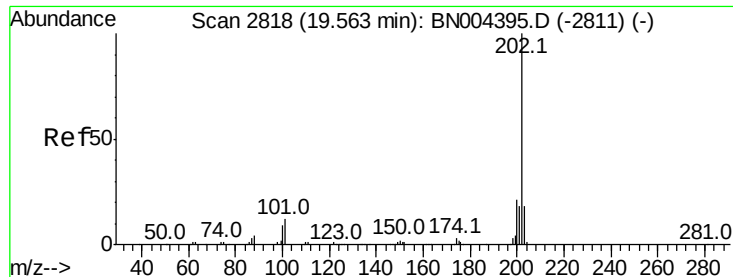
Tot Ion:149 Resp: 27662
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 4.9 3.7 5.5



#77
Fluoranthene
Concen: 3.897 ng/ul
RT: 19.20 min Scan# 2756
Delta R.T. 0.00 min
Lab File: BN004398.D
Acq: 13 Feb 2019 18:22

Tgt Ion:202 Resp: 47021
Ion Ratio Lower Upper
202 100
101 9.7 8.2 12.4
100 7.0 6.6 9.8

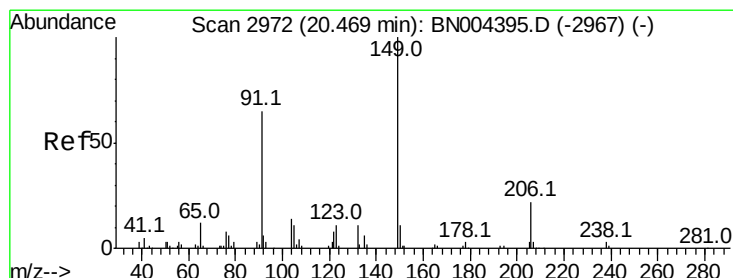
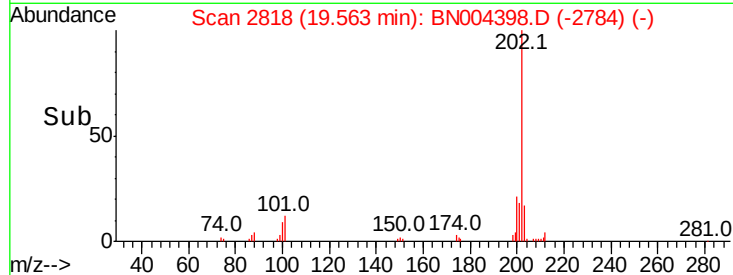
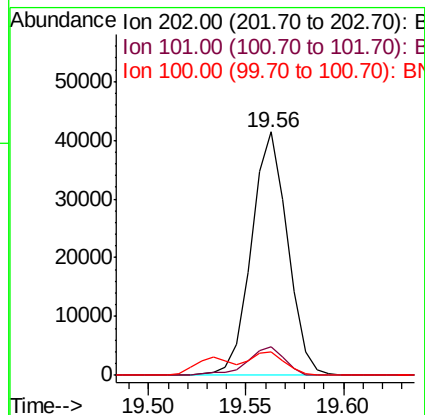
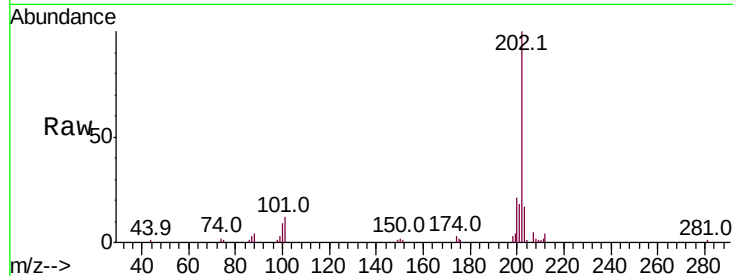




#80
Pvrene
Concen: 4.030 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. 0.00 min
Lab File: BN004398.D
Acq: 13 Feb 2019 18:22

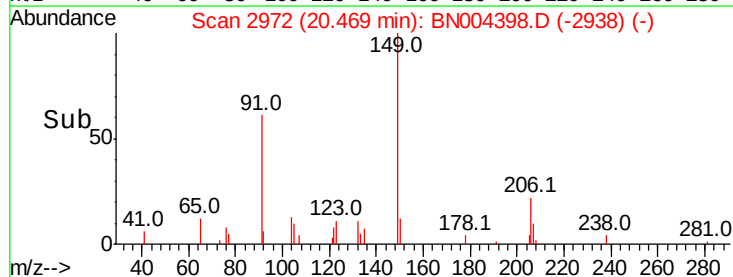
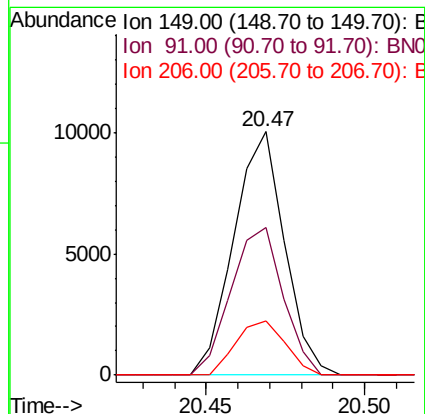
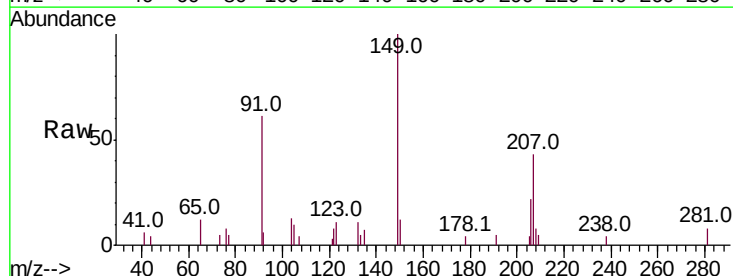
Instrument :
BNA_N
ClientSampled :
MDL-S-03

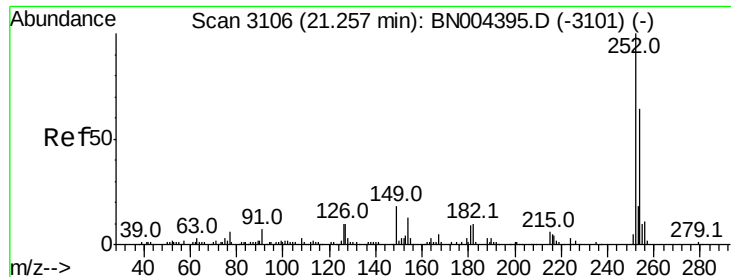
Tot Ion:202 Resp: 53276
Ion Ratio Lower Upper
202 100
101 11.7 9.2 13.8
100 9.4 7.5 11.3



#81
Butylbenzylphthalate
Concen: 2.455 ng/ul
RT: 20.47 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BN004398.D
Acq: 13 Feb 2019 18:22

Tgt Ion:149 Resp: 11152
Ion Ratio Lower Upper
149 100
91 60.6 49.8 74.6
206 22.5 18.2 27.2





#82

3,3'-Dichlorobenzidine

Concen: 2.104 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampled :

MDL-S-03

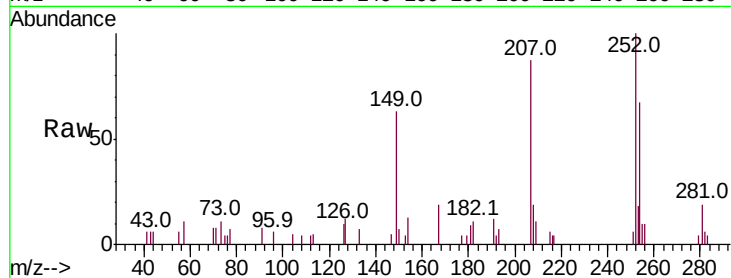
Tot Ion:252 Resp: 10551

Ion Ratio Lower Upper

252 100

254 67.1 51.8 77.6

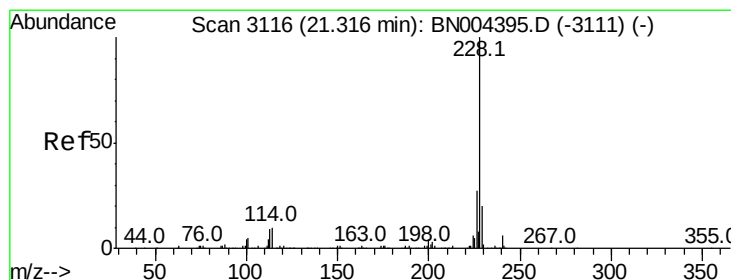
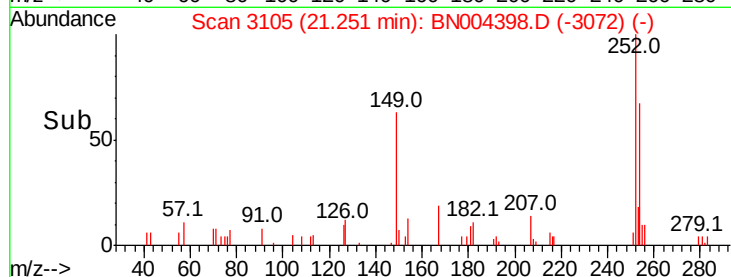
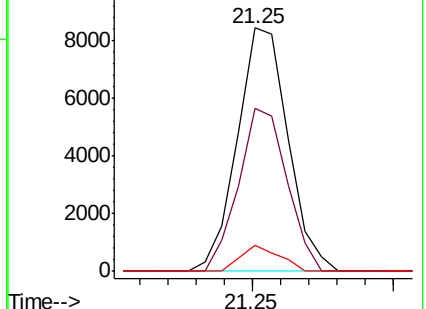
126 10.5 8.3 12.5



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: 3.917 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

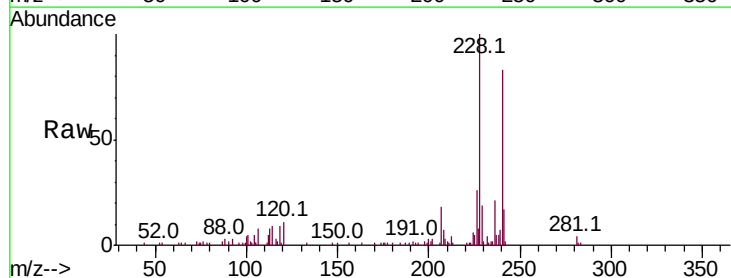
Tgt Ion:228 Resp: 57709

Ion Ratio Lower Upper

228 100

229 19.4 15.4 23.2

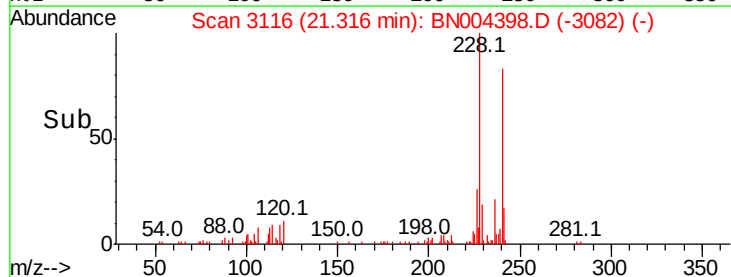
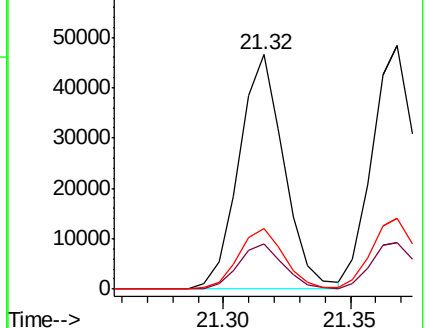
226 25.6 21.4 32.2

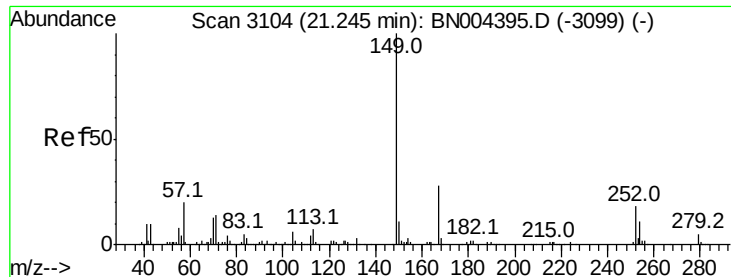


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

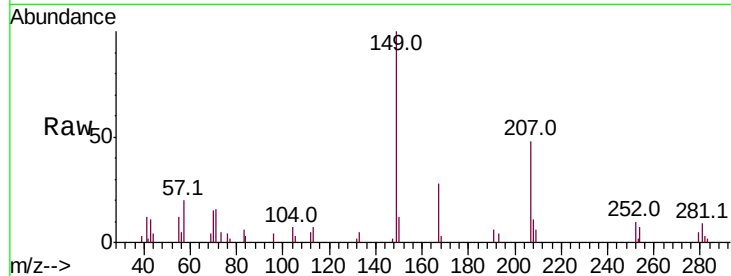




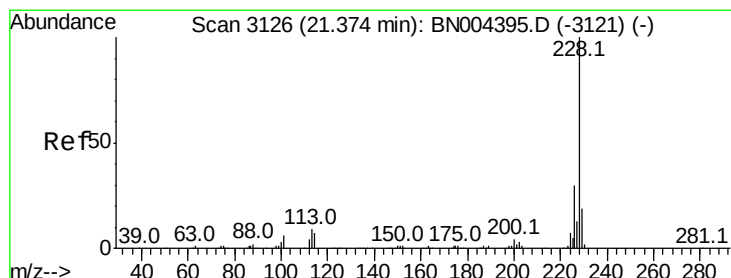
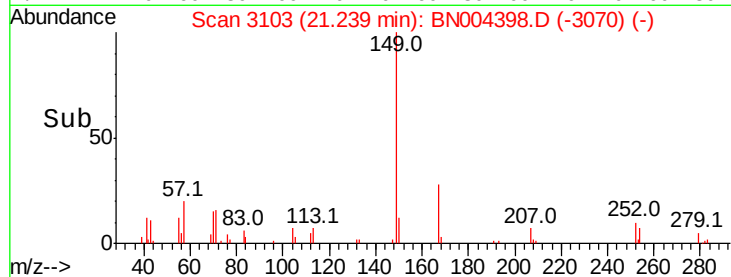
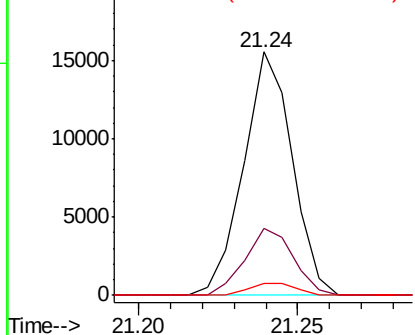
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.432 ng/ul
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Tot Ion:149 Resp: 16557
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.7 34.1
 279 4.9 4.3 6.5

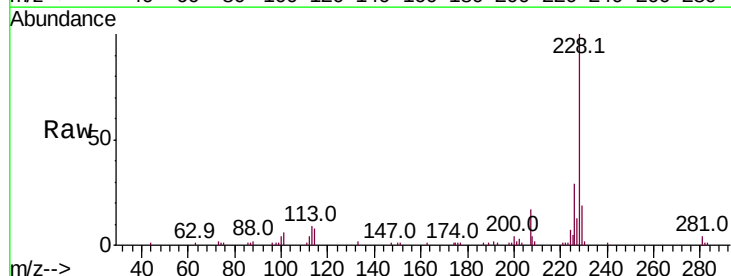


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

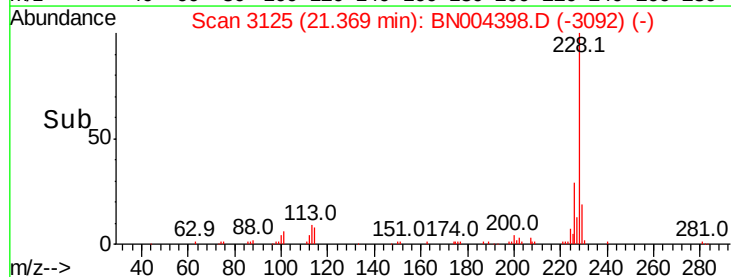
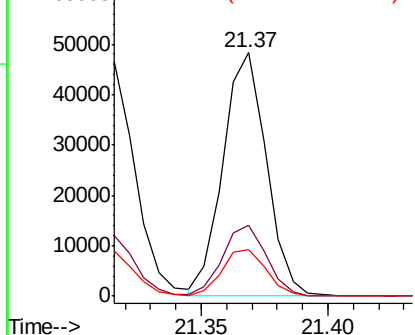


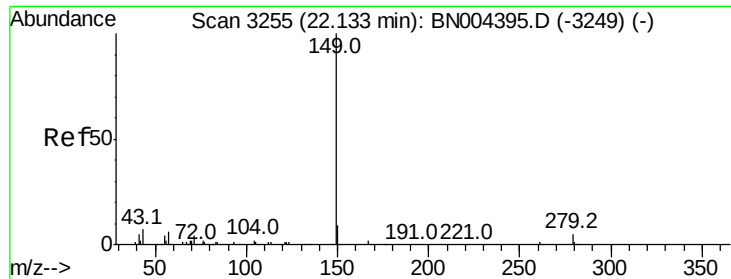
#85
 Chrysene
 Concen: 4.117 ng/ul
 RT: 21.37 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BN004398.D
 Acq: 13 Feb 2019 18:22

Tgt Ion:228 Resp: 57589
 Ion Ratio Lower Upper
 228 100
 226 28.9 24.0 36.0
 229 19.3 15.7 23.5



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: 2.284 ng/ul

RT: 22.13 min Scan# 3255

Delta R.T. 0.00 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

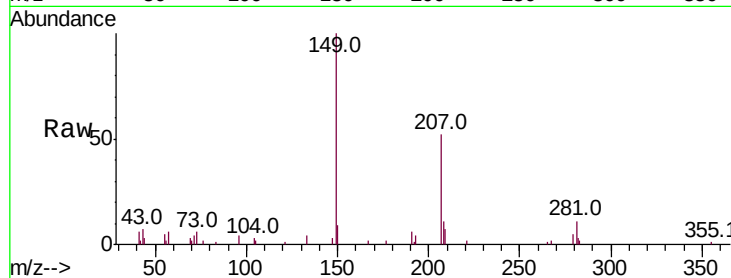
Instrument :

BNA_N

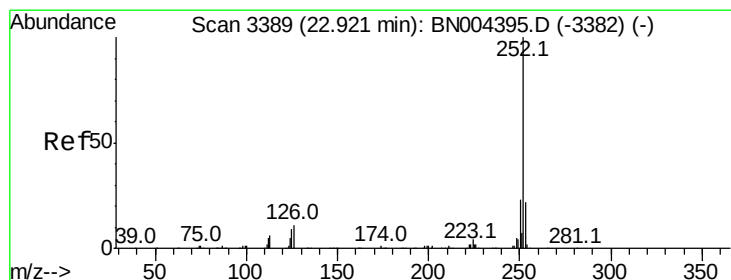
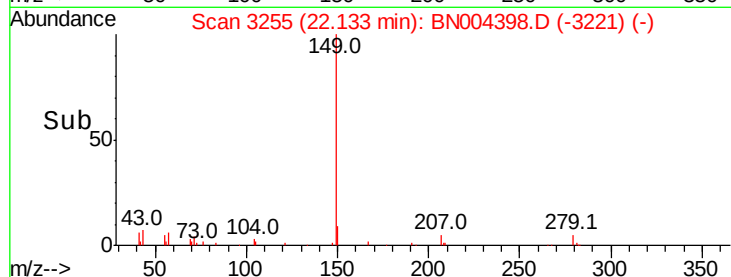
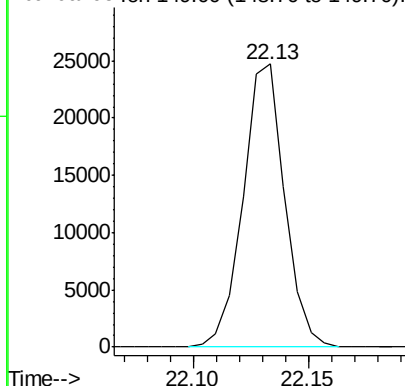
ClientSampleId :

MDL-S-03

Tgt Ion:149 Resp: 31126



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 3.845 ng/ul

RT: 22.92 min Scan# 3388

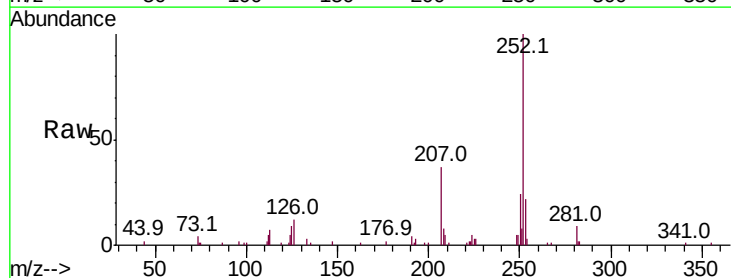
Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Tgt Ion:252 Resp: 64805

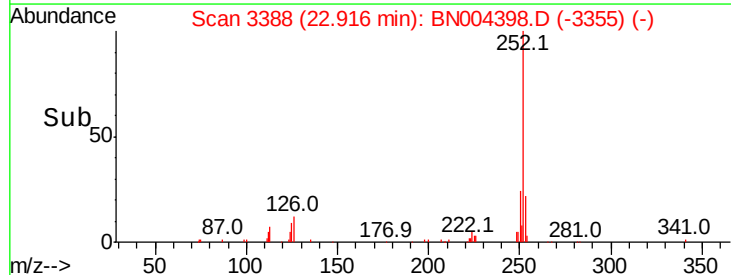
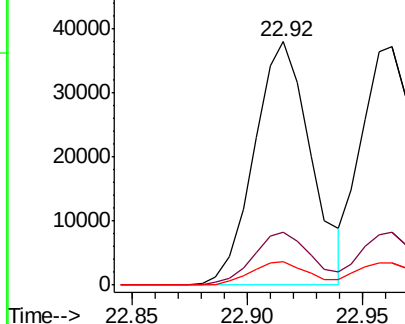
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.5	7.4	11.2

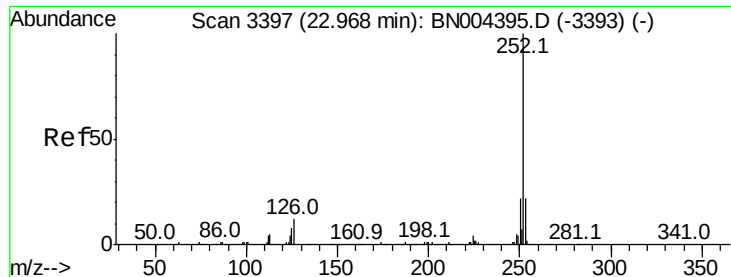


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.800 ng/ul

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

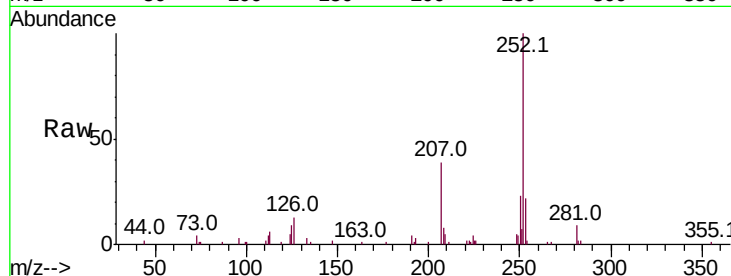
Tot Ion:252 Resp: 62270

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

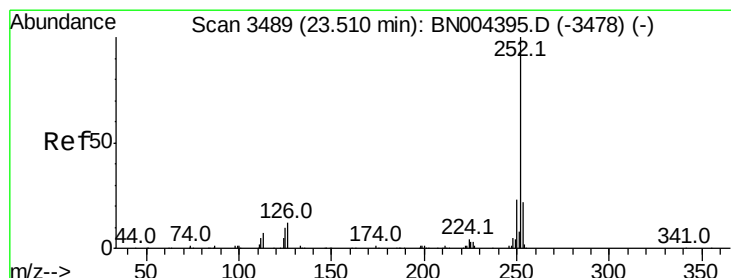
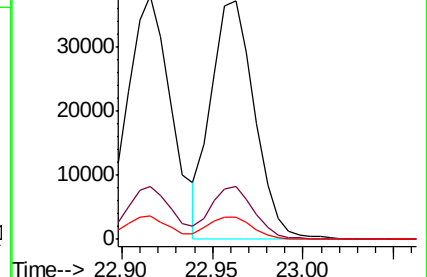
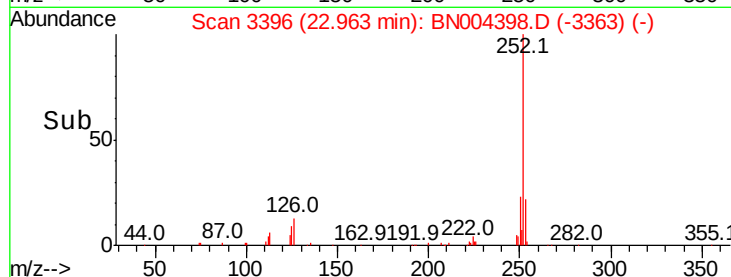
125 9.3 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 3.976 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

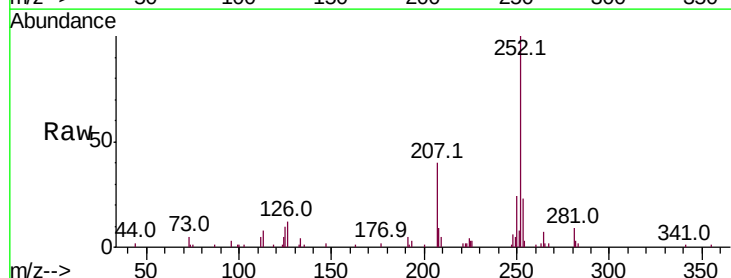
Tgt Ion:252 Resp: 65393

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

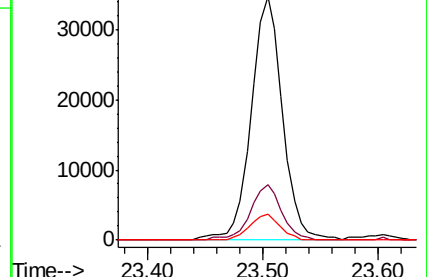
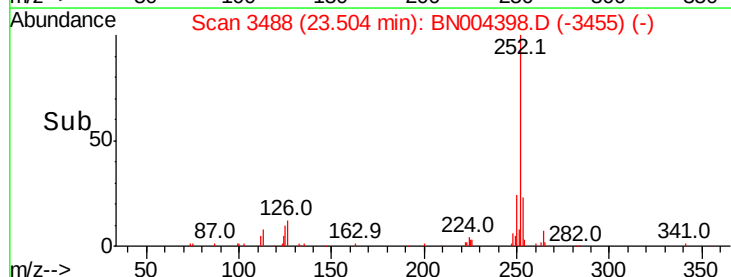
125 10.5 8.4 12.6

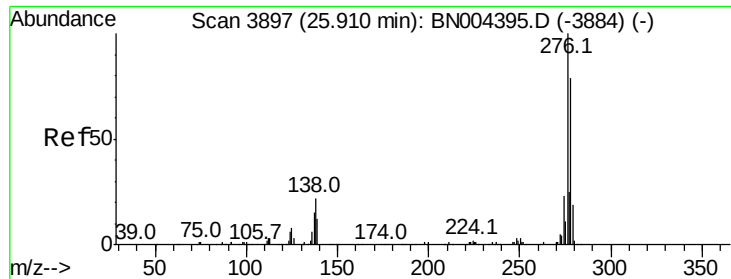


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



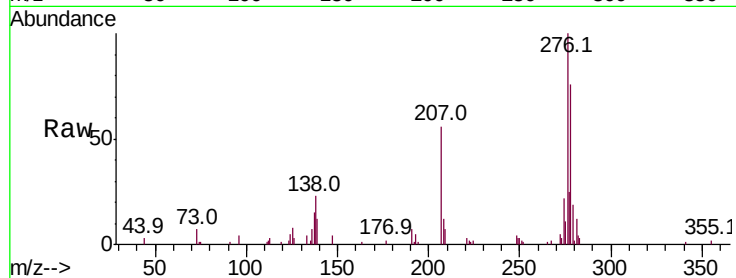


#92

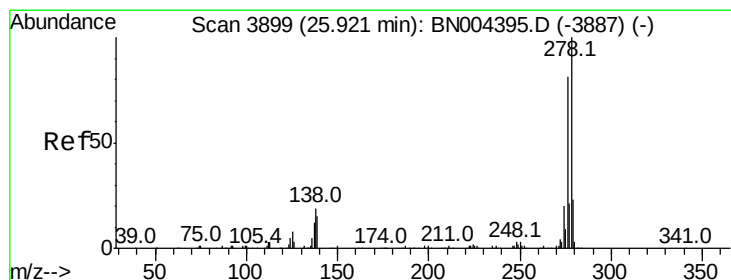
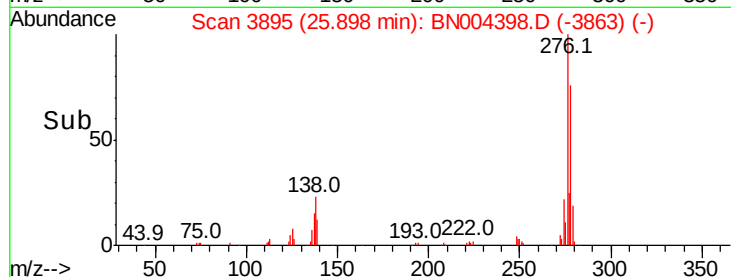
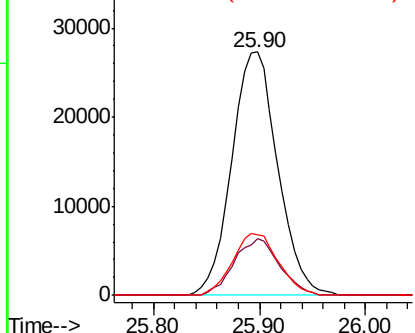
Indeno(1,2,3-cd)pyrene
Concen: 3.948 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BN004398.D
Acq: 13 Feb 2019 18:22

Instrument :
BNA_N
ClientSampleId :
MDL-S-03

Tot Ion:276 Resp: 82439
Ion Ratio Lower Upper
276 100
138 23.4 18.7 28.1
277 24.8 19.8 29.8



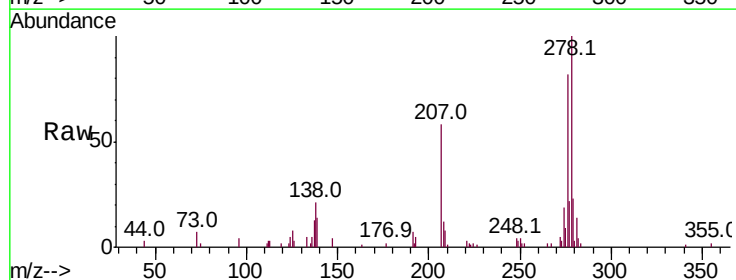
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



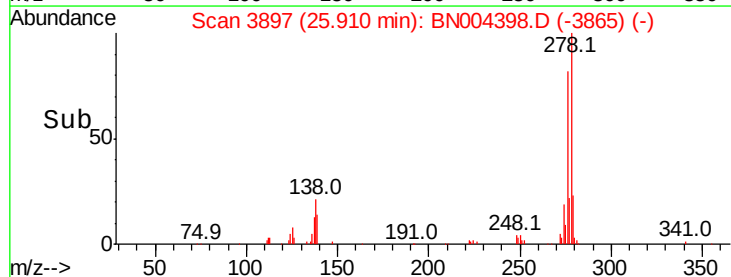
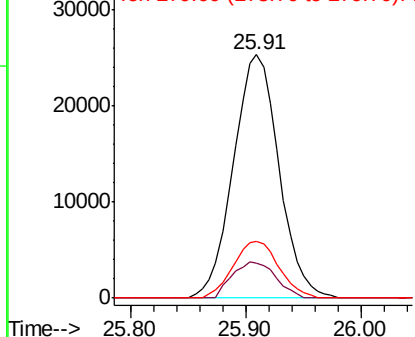
#93

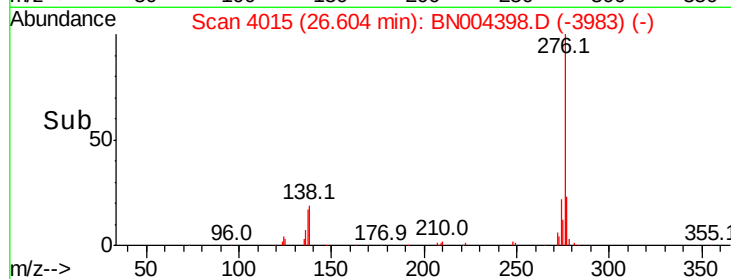
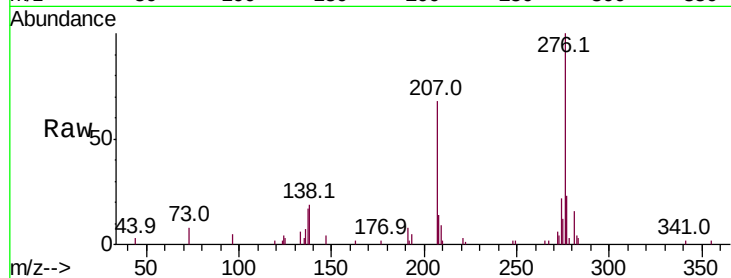
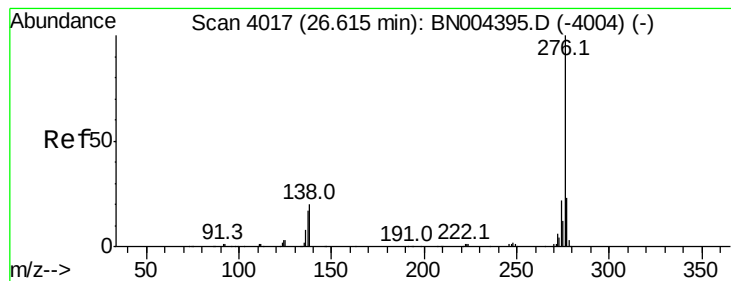
Dibenzo(a,h)anthracene
Concen: 4.005 ng/ul
RT: 25.91 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BN004398.D
Acq: 13 Feb 2019 18:22

Tgt Ion:278 Resp: 69581
Ion Ratio Lower Upper
278 100
139 14.3 12.4 18.6
279 23.1 19.3 28.9



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: 4.012 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.01 min

Lab File: BN004398.D

Acq: 13 Feb 2019 18:22

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

Tot Ion:276 Resp: 70230

Ion Ratio Lower Upper

276 100

138 18.8 16.7 25.1

277 23.1 19.0 28.6

