

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032719\
 Data File : BN005007.D
 Acq On : 27 Mar 2019 22:49
 Operator : JU/SJ
 Sample : PB118091BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

Quant Time: Mar 28 04:53:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9039	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	36614	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	20110	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	41715	20.00	ng	0.00
76) Chrysene-d12	21.27	240	33932	20.00	ng	0.00
87) Perylene-d12	23.50	264	28836	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	68764	131.53	ng	0.00
7) Phenol-d6	6.86	99	87019	125.49	ng	0.00
23) Nitrobenzene-d5	8.84	82	46455	76.75	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	40171	123.86	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	121721	80.21	ng	0.00
79) Terphenyl-d14	19.70	244	155126	88.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	10059	52.796	ng	# 91
3) Pyridine	3.59	79	19281	36.213	ng	97
4) n-Nitrosodimethylamine	3.52	42	6815	39.263	ng	97
6) Aniline	7.02	93	29207	33.076	ng	99
8) 2-Chlorophenol	7.25	128	27041	40.743	ng	100
9) Benzaldehyde	6.83	77	7436	18.661	ng	97
10) Phenol	6.88	94	30219	40.669	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	21982	38.256	ng	97
12) 1,3-Dichlorobenzene	7.56	146	27819	38.472	ng	99
13) 1,4-Dichlorobenzene	7.71	146	28574	39.039	ng	99
14) 1,2-Dichlorobenzene	8.02	146	27410	39.130	ng	98
15) Benzyl Alcohol	7.92	79	20087	38.075	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	26452	38.156	ng	100
17) 2-Methylphenol	8.12	107	21225	40.974	ng	98
18) Hexachloroethane	8.74	117	9779	37.694	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	16668	36.666	ng	99
20) 3+4-Methylphenols	8.45	107	28211	40.110	ng	98
22) Acetophenone	8.50	105	35844	42.886	ng	# 100
24) Nitrobenzene	8.88	77	25196	41.133	ng	99
25) Isophorone	9.39	82	46557	39.484	ng	99
26) 2-Nitrophenol	9.59	139	14205	39.938	ng	99
27) 2,4-Dimethylphenol	9.64	122	23844	48.151	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	29752	40.724	ng	100
29) 2,4-Dichlorophenol	10.12	162	24841	43.647	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	26505	42.277	ng	99
31) Naphthalene	10.51	128	79286	41.505	ng	100
32) Benzoic acid	9.80	122	12784	33.897	ng	99
33) 4-Chloroaniline	10.63	127	14483	18.634	ng	99
34) Hexachlorobutadiene	10.77	225	16427	40.495	ng	99
35) Caprolactam	11.42	113	3984	21.378	ng	98
36) 4-Chloro-3-methylphenol	11.76	107	24785	40.313	ng	99
37) 2-Methylnaphthalene	12.13	142	56772	42.086	ng	99
38) 1-Methylnaphthalene	12.35	142	53913	40.844	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	30445	42.683	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	41757	102.137	ng	100
43) 2,4,6-Trichlorophenol	12.75	196	19595	44.273	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	20541	42.601	ng	99
46) 1,1'-Biphenyl	13.15	154	72089	42.355	ng	99
47) 2-Chloronaphthalene	13.19	162	55850	42.760	ng	99
48) 2-Nitroaniline	13.42	65	13739	39.516	ng	98
49) Acenaphthylene	14.05	152	88893	40.465	ng	100
50) Dimethylphthalate	13.79	163	68000	41.158	ng	99
51) 2,6-Dinitrotoluene	13.92	165	15189	40.401	ng	99
52) Acenaphthene	14.39	154	51239	41.463	ng	99
53) 3-Nitroaniline	14.25	138	7833	20.385	ng	99
54) 2,4-Dinitrophenol	14.46	184	16606	74.594	ng	98
55) Dibenzofuran	14.72	168	81950	41.675	ng	100
56) 4-Nitrophenol	14.56	139	22720	75.057	ng	97
57) 2,4-Dinitrotoluene	14.70	165	20342	39.814	ng	99
58) Fluorene	15.37	166	64861	40.832	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	18926	42.335	ng	# 100
60) Diethylphthalate	15.15	149	66534	40.356	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	34245	41.789	ng	99
62) 4-Nitroaniline	15.42	138	13239	34.292	ng	98
63) Azobenzene	15.66	77	55504	40.443	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	10782	39.078	ng	98
66) n-Nitrosodiphenylamine	15.59	169	56257	42.813	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	21974	42.212	ng	99
68) Hexachlorobenzene	16.37	284	25598	41.972	ng	99
69) Atrazine	16.54	200	19057	40.594	ng	99
70) Pentachlorophenol	16.72	266	25769	80.363	ng	99
71) Phenanthrene	17.12	178	95994	40.955	ng	100
72) Anthracene	17.20	178	97951	41.984	ng	100
73) Carbazole	17.48	167	82981	39.076	ng	99
74) Di-n-butylphthalate	18.03	149	102249	39.526	ng	100
75) Fluoranthene	19.13	202	102234	38.233	ng	99
77) Benzidine	19.33	184	42999	40.662	ng	99
78) Pyrene	19.50	202	102063	45.047	ng	100
80) Butylbenzylphthalate	20.40	149	38529	41.851	ng	98
81) Benzo(a)anthracene	21.25	228	86037	40.706	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	19064	24.120	ng	99
83) Chrysene	21.30	228	81806	40.521	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	52476	41.197	ng	100
85) Di-n-octyl phthalate	22.04	149	80887	39.348	ng	99
86) Indeno(1,2,3-cd)pyrene	25.76	276	82910	36.148	ng	100
88) Benzo(b)fluoranthene	22.83	252	74998	42.254	ng	99
89) Benzo(k)fluoranthene	22.87	252	76329	46.895	ng	99
90) Benzo(a)pyrene	23.41	252	71986	44.320	ng	99
91) Dibenzo(a,h)anthracene	25.77	278	69567	42.663	ng	99
92) Benzo(g,h,i)perylene	26.46	276	69288	42.966	ng	99

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

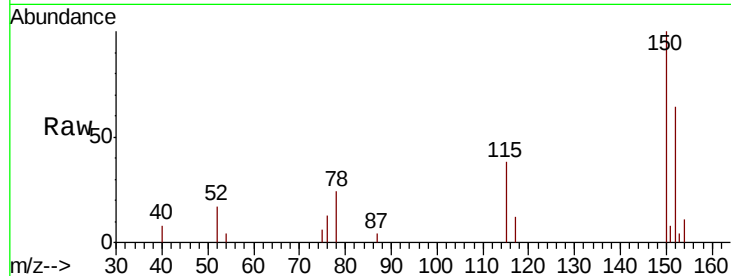


#1

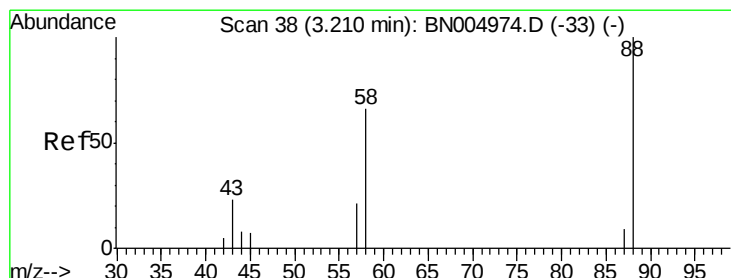
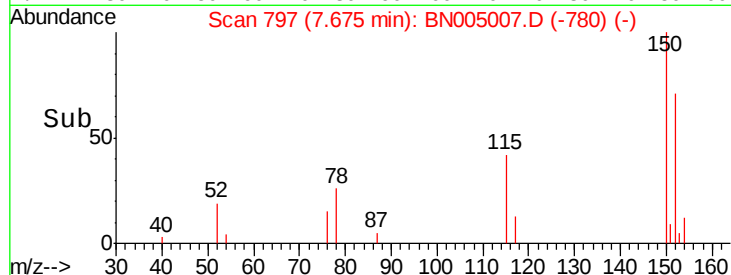
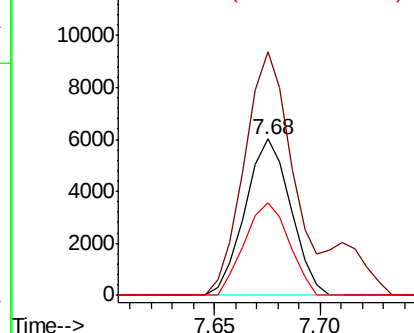
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Instrument :
BNA_N
ClientSampleId :
PB118091BSD

Tgt Ion:152 Resp: 9039
Ion Ratio Lower Upper
152 100
150 155.7 126.9 190.3
115 59.3 47.8 71.6



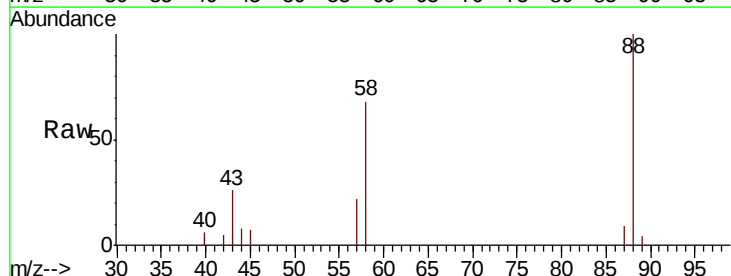
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



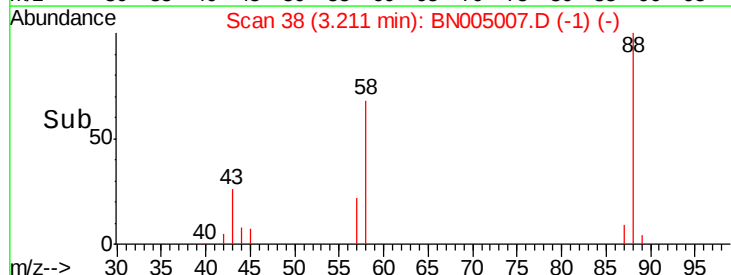
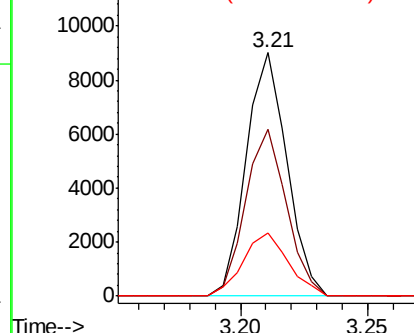
#2

1,4-Dioxane
Concen: 52.796 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Tgt Ion: 88 Resp: 10059
Ion Ratio Lower Upper
88 100
58 69.1 51.0 76.6
43 29.1 16.7 25.1#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

Pyridine

Concen: 36.213 ng

RT: 3.59 min Scan# 103

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

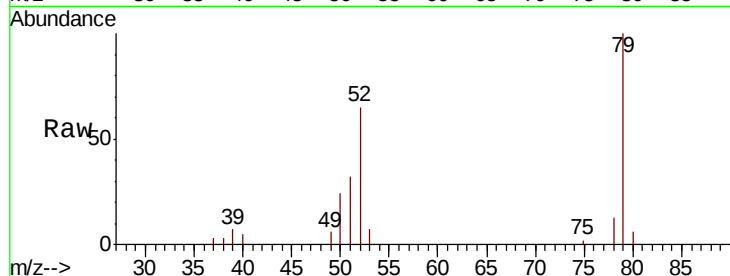
Tgt Ion: 79 Resp: 19281

Ion Ratio Lower Upper

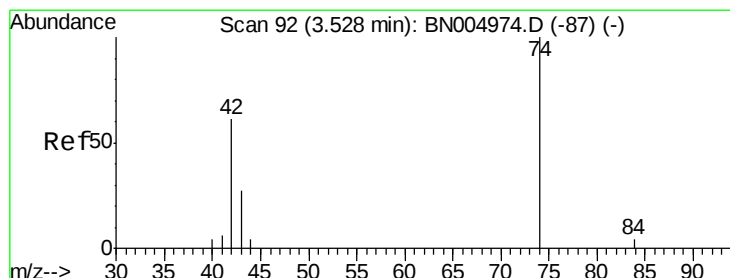
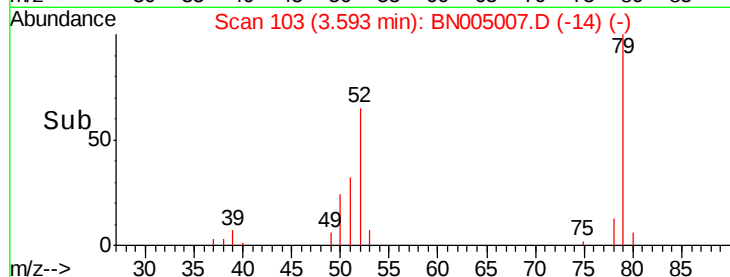
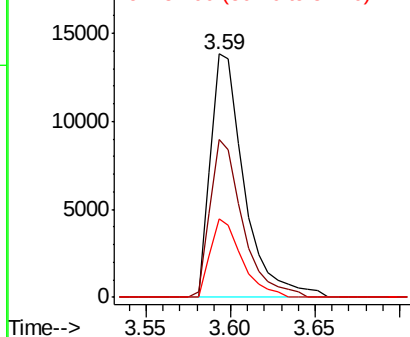
79 100

52 65.0 50.2 75.4

51 32.3 25.0 37.4



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 52.00 (51.70 to 52.70): BNC
Ion 51.00 (50.70 to 51.70): BNC



#4

n-Nitrosodimethylamine

Concen: 39.263 ng

RT: 3.52 min Scan# 91

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

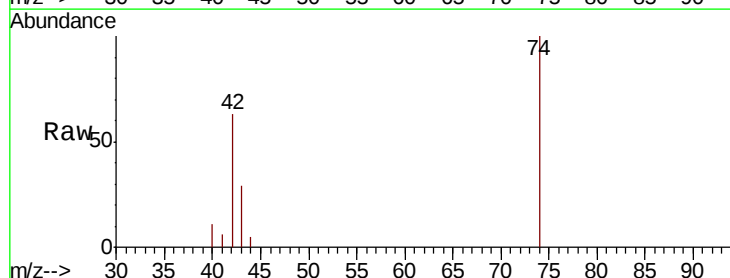
Tgt Ion: 42 Resp: 6815

Ion Ratio Lower Upper

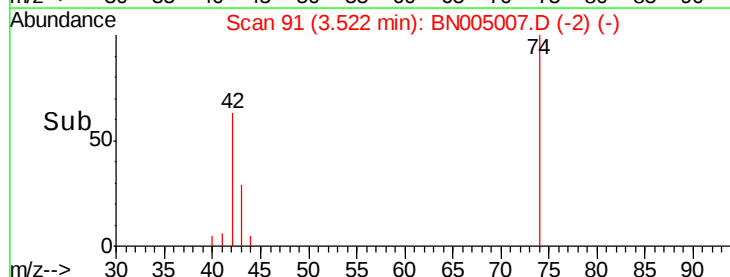
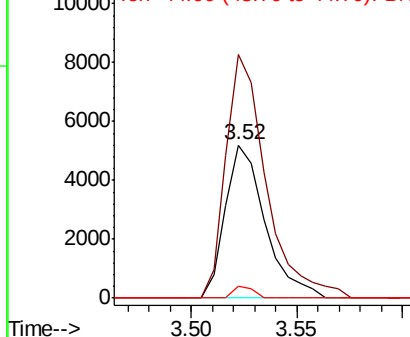
42 100

74 158.8 130.8 196.2

44 7.9 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC





#5

2-Fluorophenol

Concen: 131.526 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

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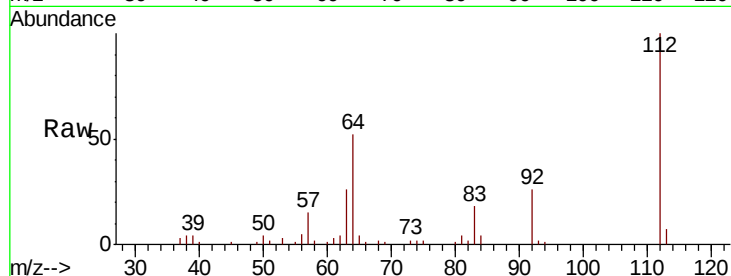
Tgt Ion: 112 Resp: 68764

Ion Ratio Lower Upper

112 100

64 51.9 41.9 62.9

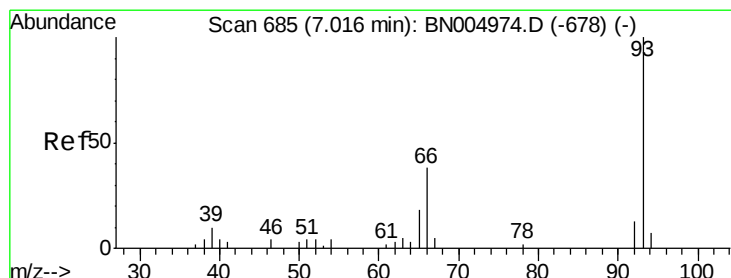
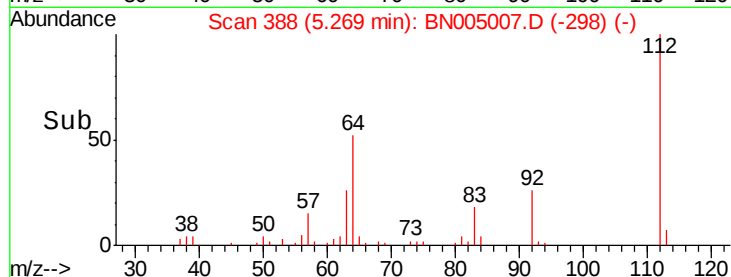
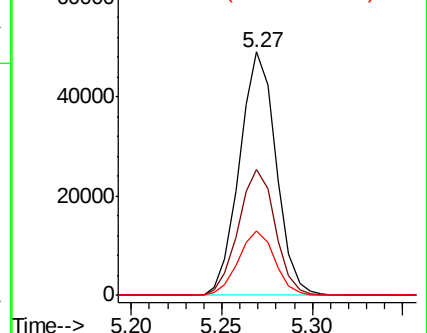
63 26.5 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 33.076 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

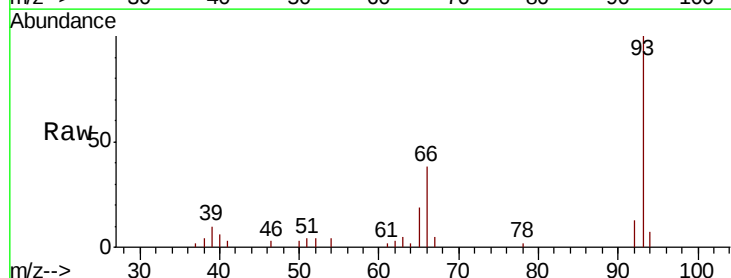
Tgt Ion: 93 Resp: 29207

Ion Ratio Lower Upper

93 100

66 38.2 30.2 45.4

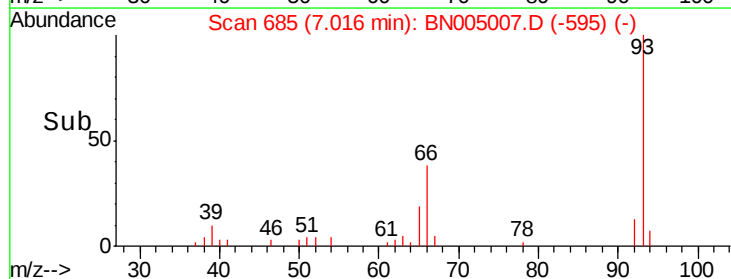
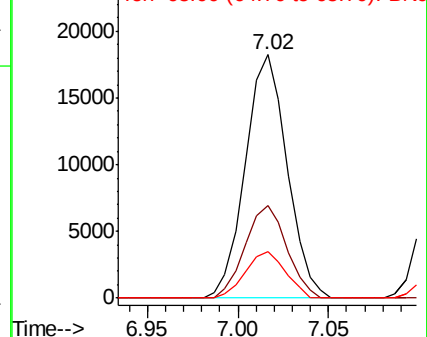
65 18.8 14.7 22.1

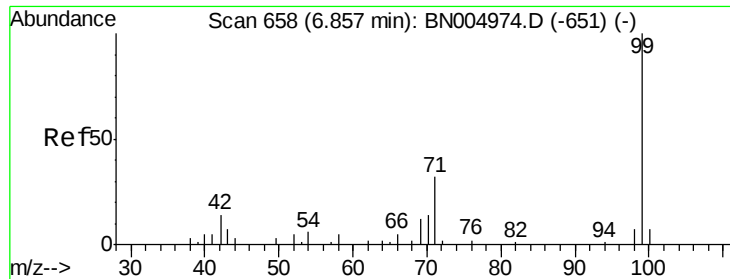


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 125.490 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

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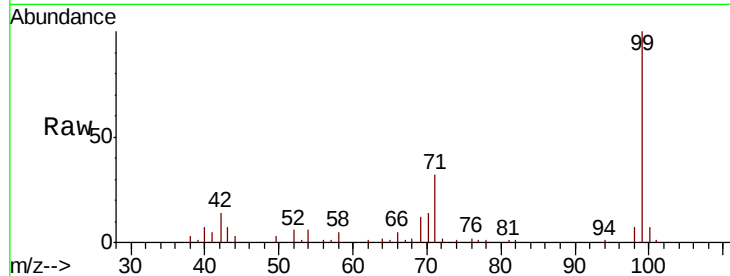
Tgt Ion: 99 Resp: 87019

Ion Ratio Lower Upper

99 100

42 14.1 11.4 17.0

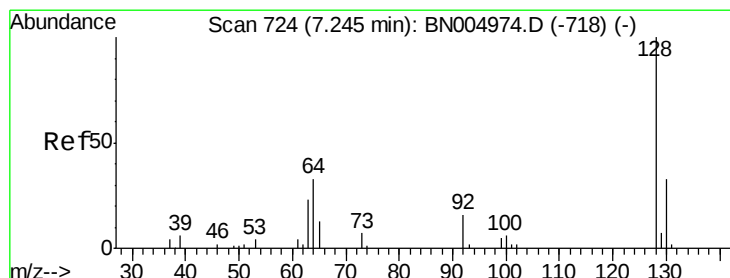
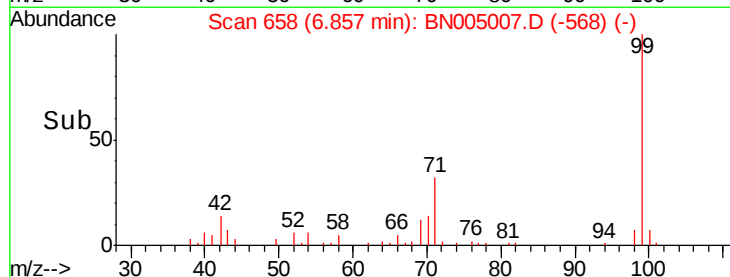
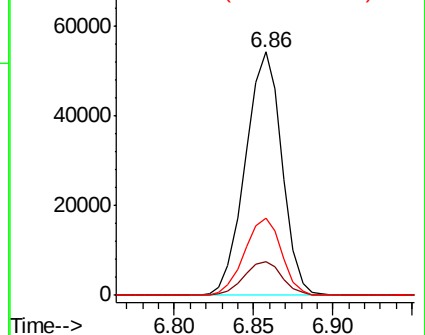
71 31.8 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#8

2-Chlorophenol

Concen: 40.743 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

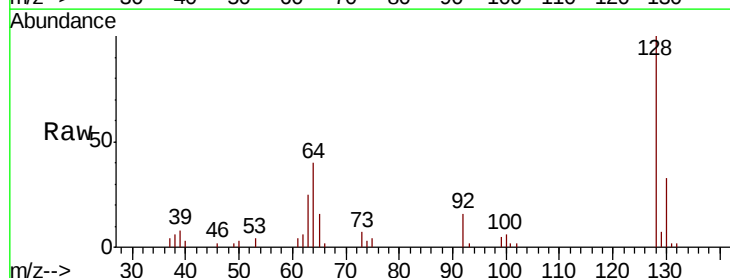
Tgt Ion: 128 Resp: 27041

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

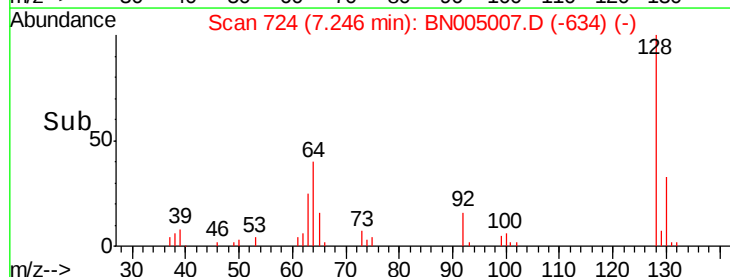
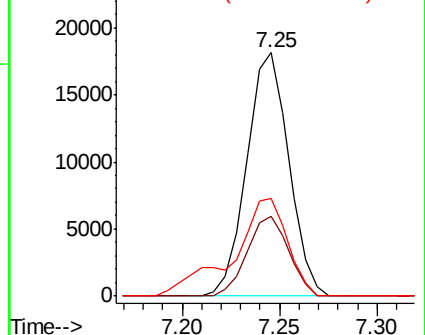
64 40.0 19.9 59.9



Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-718) (-)

Ion 64.00 (63.70 to 64.70): BN004974.D (-718) (-)





#9

Benzaldehyde

Concen: 18.661 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BN005007.D

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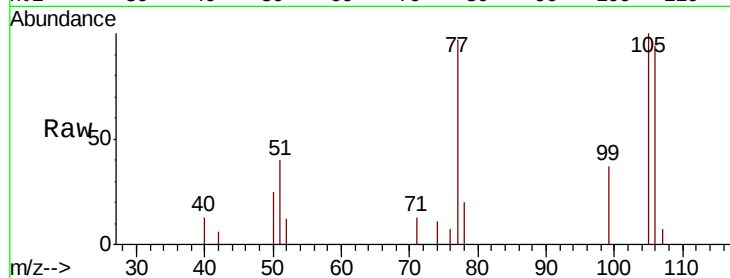
Tgt Ion: 77 Resp: 7436

Ion Ratio Lower Upper

77 100

105 103.3 86.1 126.1

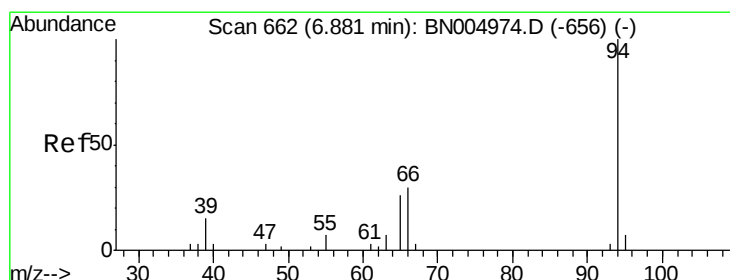
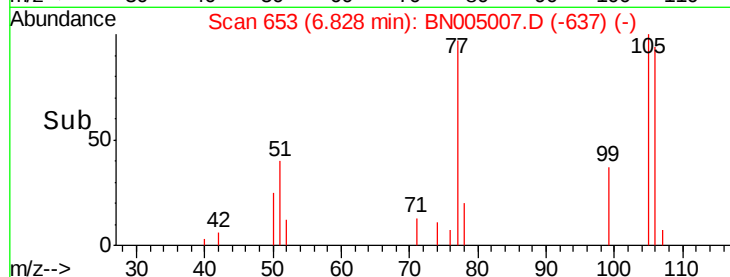
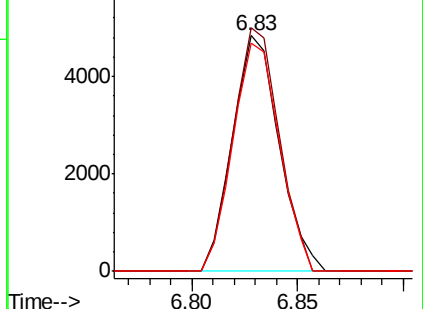
106 97.0 79.9 119.9



Abundance Ion 77.00 (76.70 to 77.70): BN004974.D (-648) (-)

Ion 105.00 (104.70 to 105.70): BN004974.D (-648) (-)

Ion 106.00 (105.70 to 106.70): BN004974.D (-648) (-)



#10

Phenol

Concen: 40.669 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

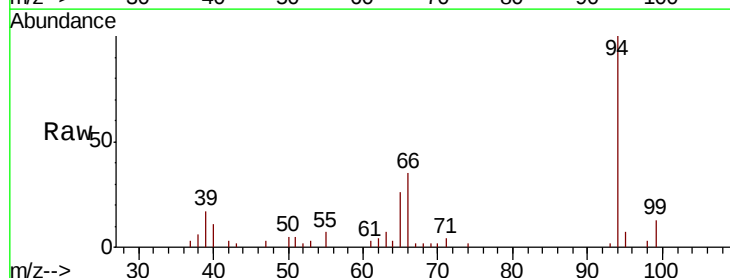
Tgt Ion: 94 Resp: 30219

Ion Ratio Lower Upper

94 100

65 26.1 5.7 45.7

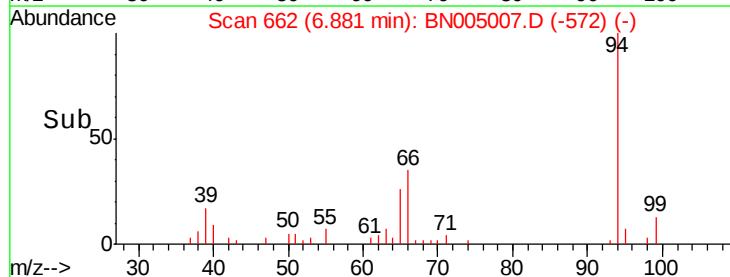
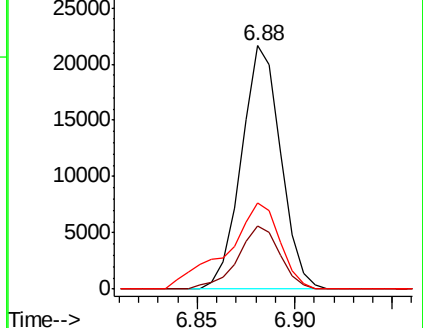
66 35.5 14.8 54.8

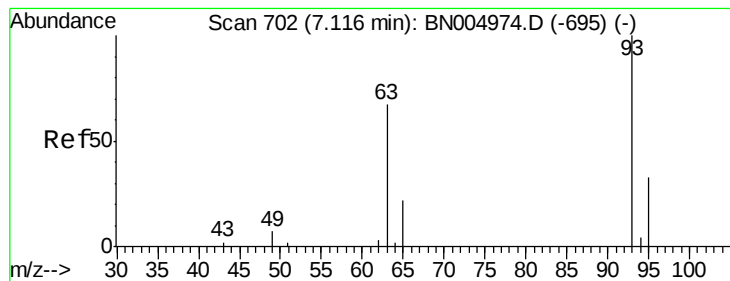


Abundance Ion 94.00 (93.70 to 94.70): BN004974.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BN004974.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BN004974.D (-656) (-)





#11

bis(2-Chloroethyl)ether

Concen: 38.256 ng

RT: 7.12 min Scan# 702

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

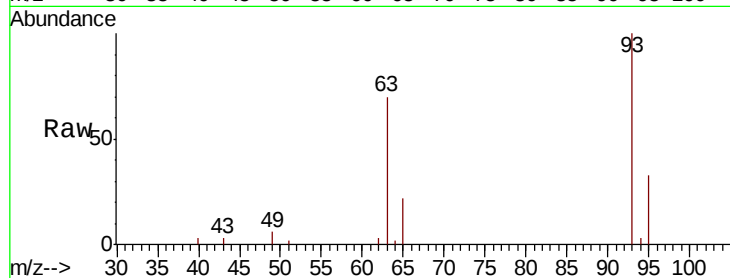
Tgt Ion: 93 Resp: 21982

Ion Ratio Lower Upper

93 100

63 70.0 47.0 87.0

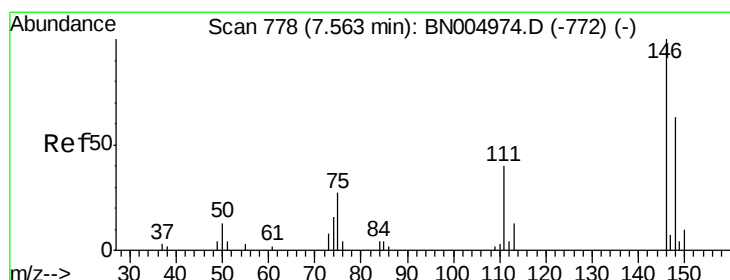
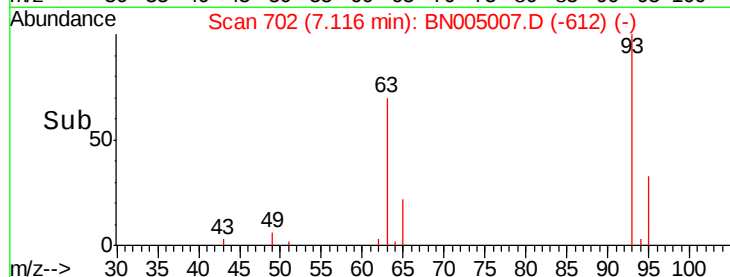
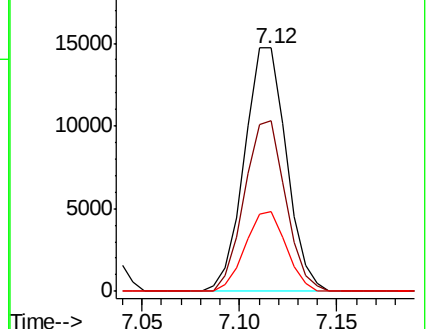
95 32.9 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BN004974.D (-695) (-)

Ion 63.00 (62.70 to 63.70): BN004974.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BN004974.D (-695) (-)



#12

1,3-Dichlorobenzene

Concen: 38.472 ng

RT: 7.56 min Scan# 778

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

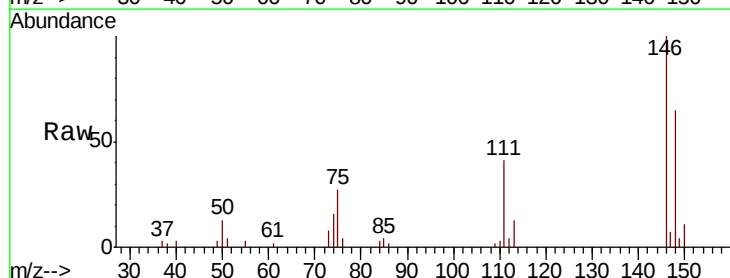
Tgt Ion: 146 Resp: 27819

Ion Ratio Lower Upper

146 100

148 64.6 52.0 78.0

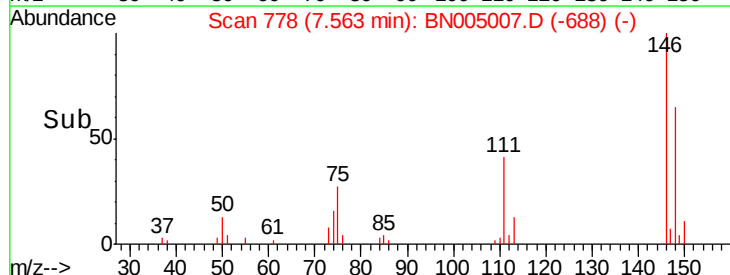
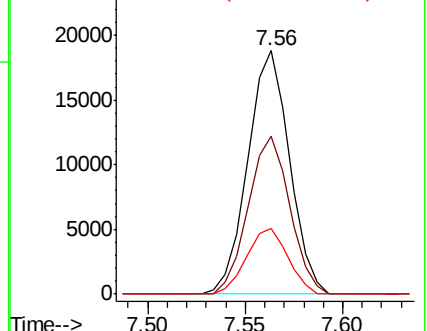
75 26.9 22.0 33.0

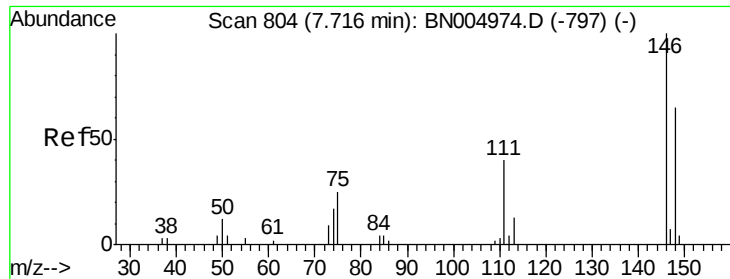


Abundance Ion 146.00 (145.70 to 146.70): BN004974.D (-772) (-)

Ion 148.00 (147.70 to 148.70): BN004974.D (-772) (-)

Ion 75.00 (74.70 to 75.70): BN004974.D (-772) (-)

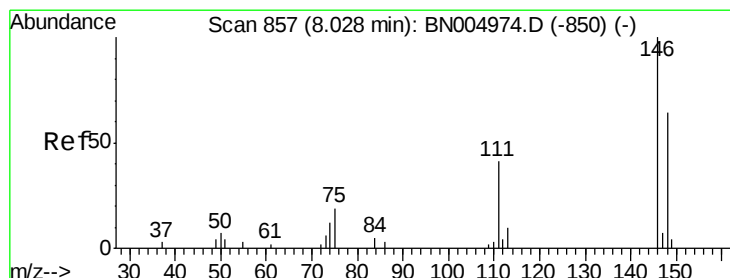
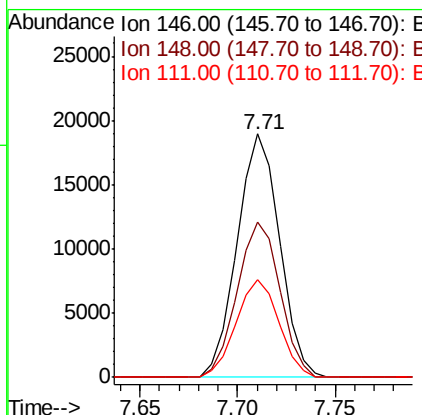
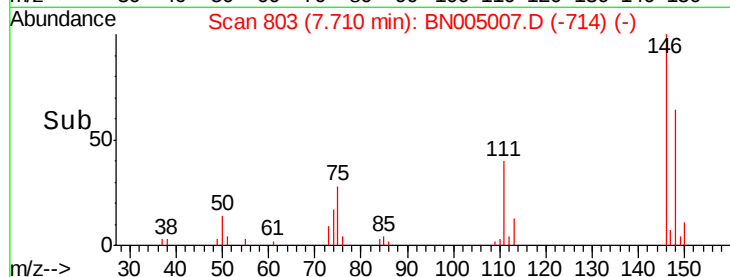
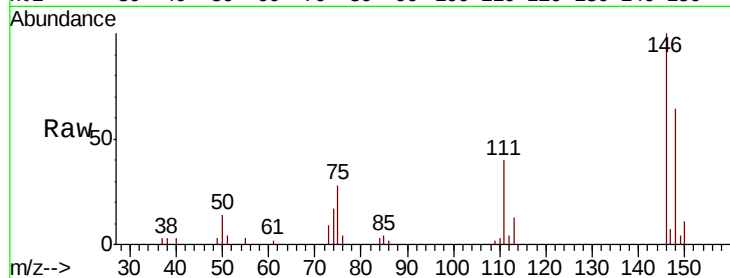




#13
 1,4-Dichlorobenzene
 Concen: 39.039 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

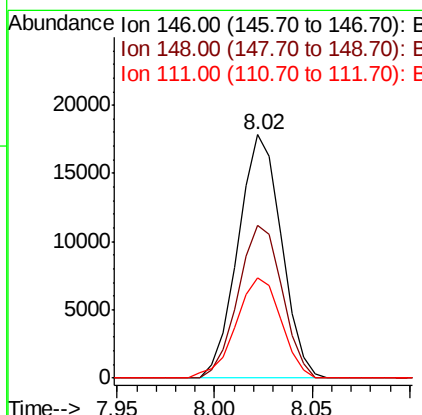
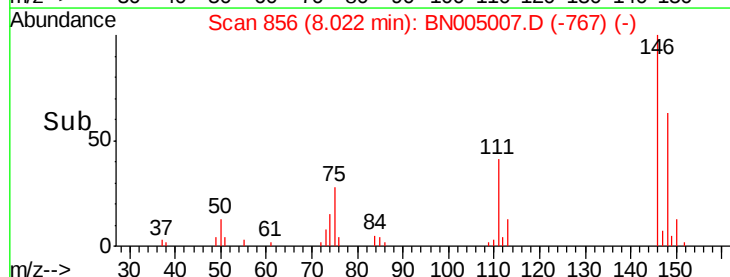
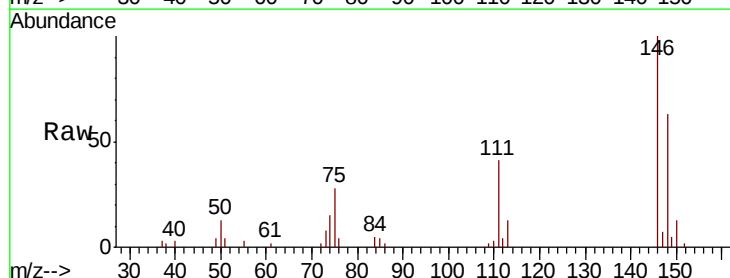
Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

Tgt Ion:146 Resp: 28574
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.4 77.2
 111 40.0 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 39.130 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion:146 Resp: 27410
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.4 77.2
 111 41.4 32.6 49.0





#15

Benzyl Alcohol

Concen: 38.075 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

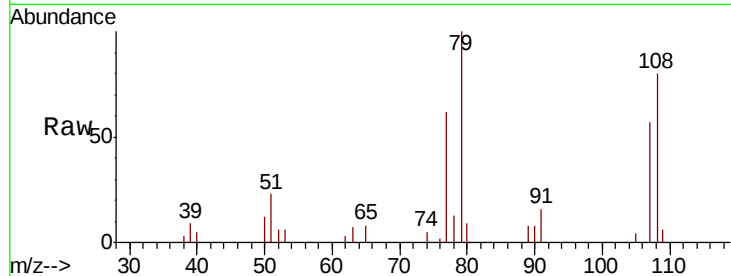
Tgt Ion: 79 Resp: 20087

Ion Ratio Lower Upper

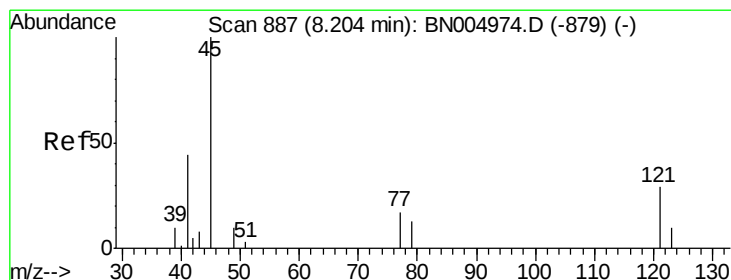
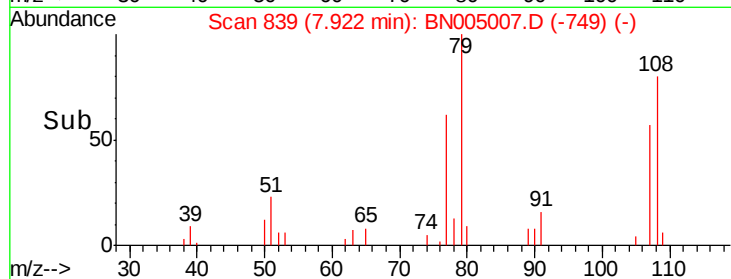
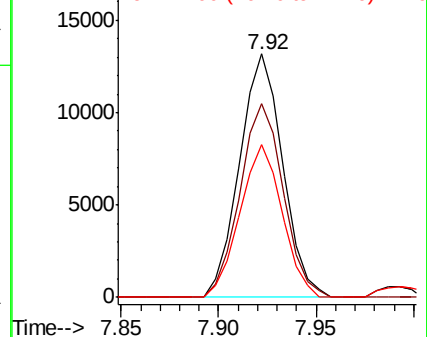
79 100

108 79.5 64.0 96.0

77 62.5 48.8 73.2



Abundance Ion 79.00 (78.70 to 79.70): BNC
Ion 108.00 (107.70 to 108.70): BNC
Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.156 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

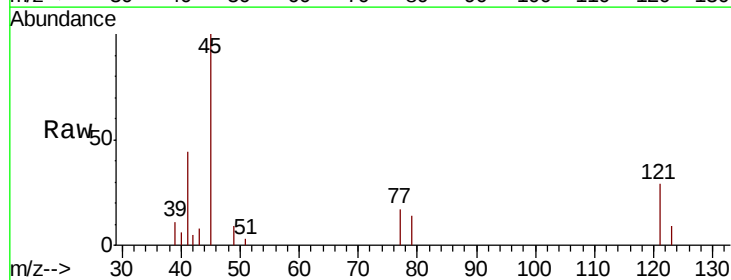
Tgt Ion: 45 Resp: 26452

Ion Ratio Lower Upper

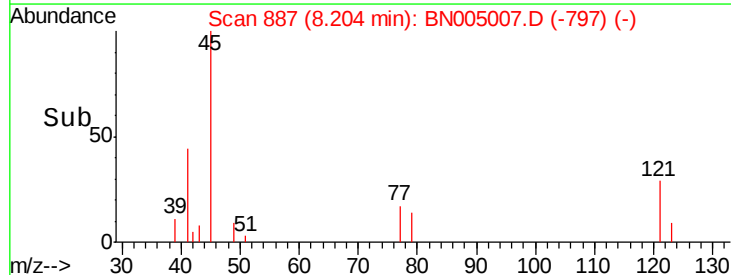
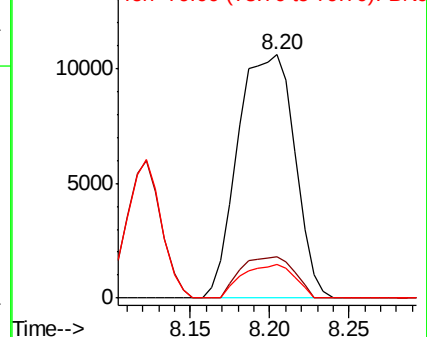
45 100

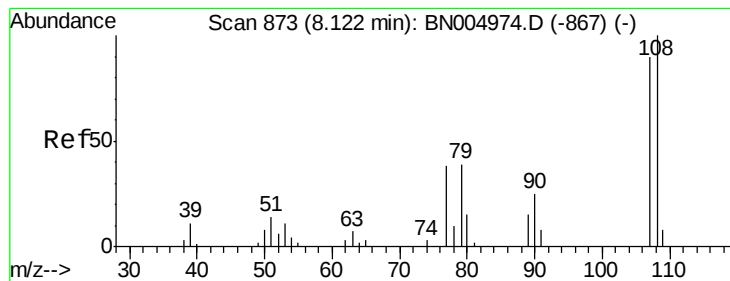
77 16.9 0.0 36.9

79 13.6 0.0 33.3



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





#17

2-Methylphenol

Concen: 40.974 ng

RT: 8.12 min Scan# 873

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

Tgt Ion:107 Resp: 21225

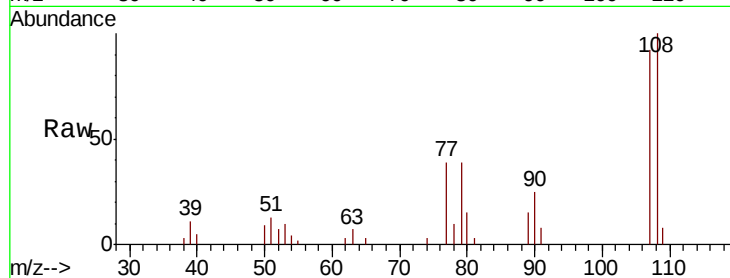
Ion Ratio Lower Upper

107 100

108 108.8 88.8 133.2

77 42.2 34.2 51.2

79 42.6 34.8 52.2

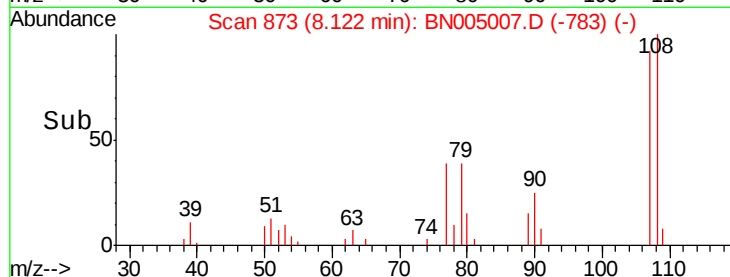


Abundance Ion 107.00 (106.70 to 107.70): E

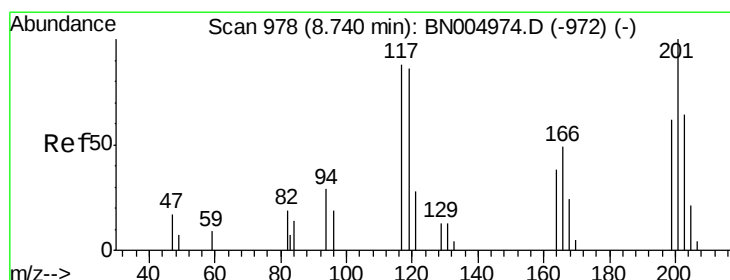
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



Time-->



#18

Hexachloroethane

Concen: 37.694 ng

RT: 8.74 min Scan# 978

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

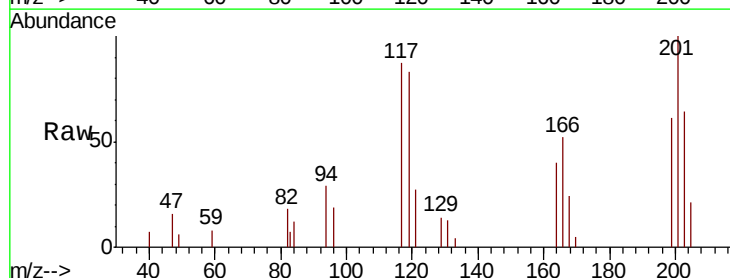
Tgt Ion:117 Resp: 9779

Ion Ratio Lower Upper

117 100

119 95.4 77.5 116.3

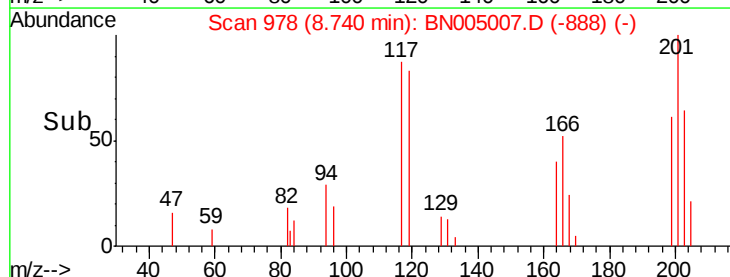
201 114.8 90.5 135.7



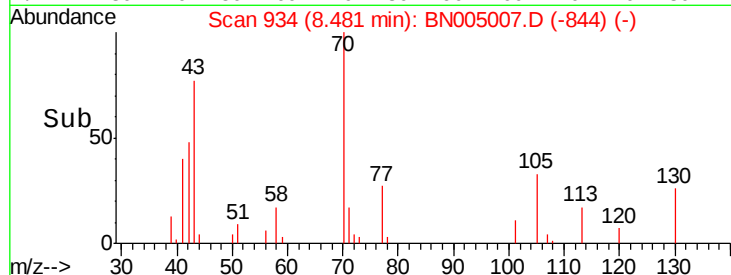
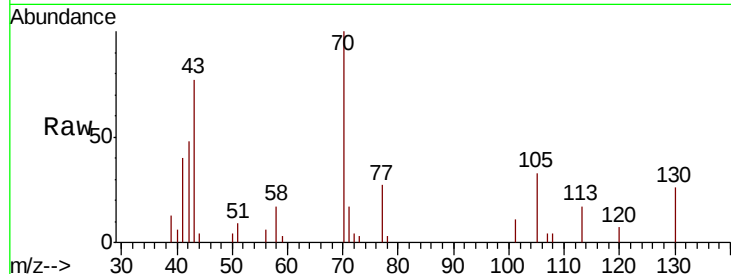
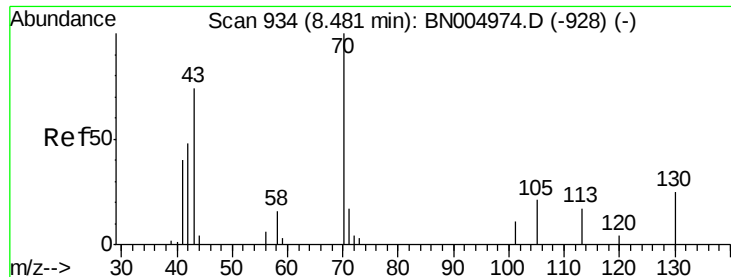
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



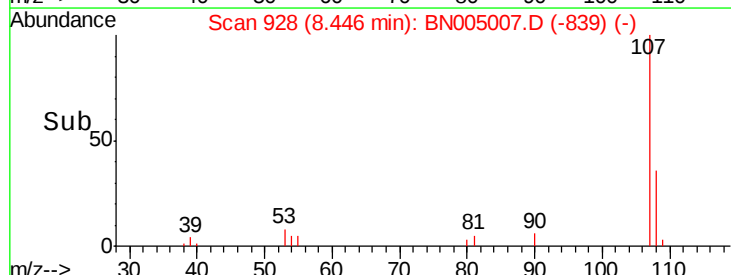
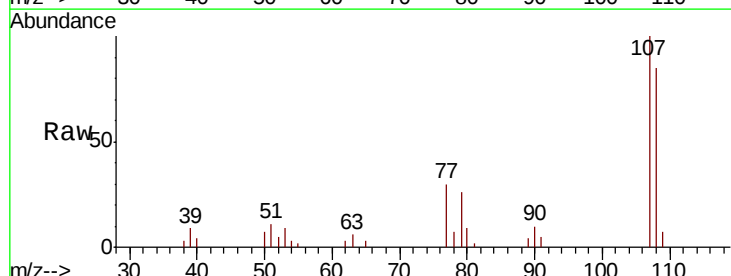
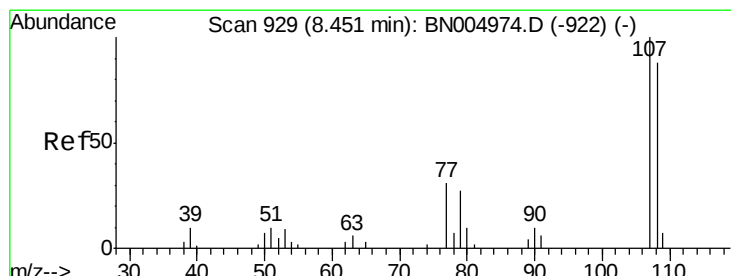
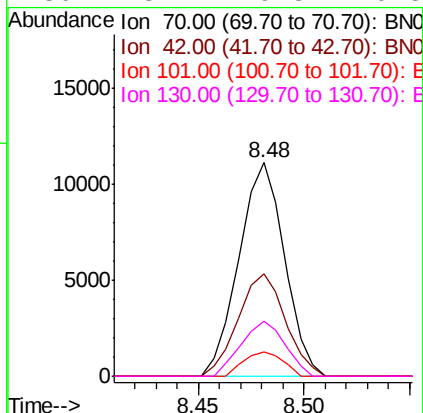
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.666 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

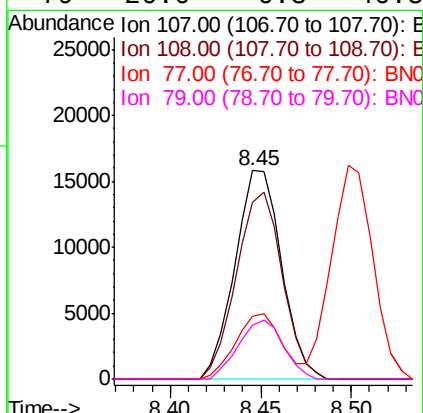
Instrument :
BNA_N
ClientSampleId :
PB118091BSD

Tgt Ion:	70	Resp:	16668
Ion	Ratio	Lower	Upper
70	100		
42	48.2	38.4	57.6
101	11.2	8.8	13.2
130	25.7	19.8	29.8



#20
3+4-Methylphenols
Concen: 40.110 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Tgt Ion:	107	Resp:	28211
Ion	Ratio	Lower	Upper
107	100		
108	84.9	67.9	107.9
77	30.1	10.6	50.6
79	26.0	6.8	46.8

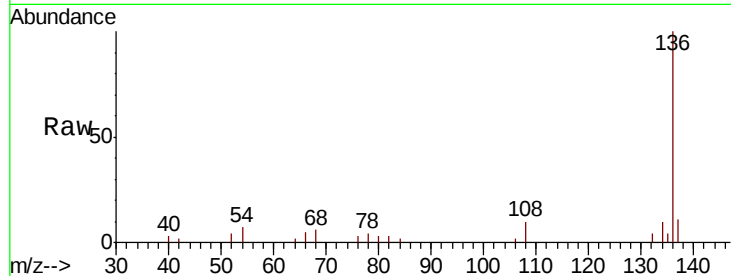




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Instrument :
BNA_N
ClientSampleId :
PB118091BSD

Tgt Ion:	136	Resp:	36614
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	5.3	7.9
68	5.7	4.6	6.8



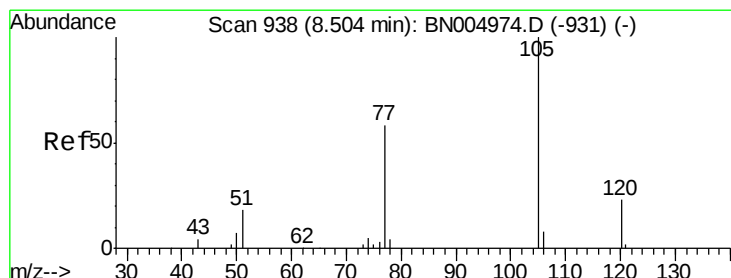
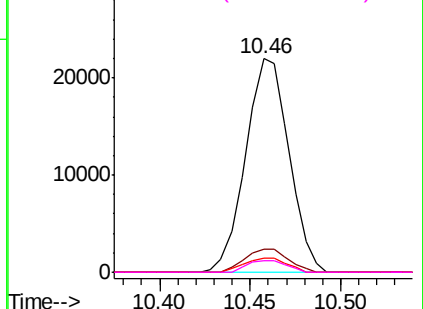
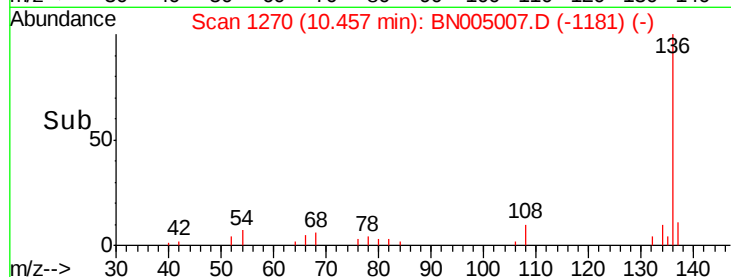
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

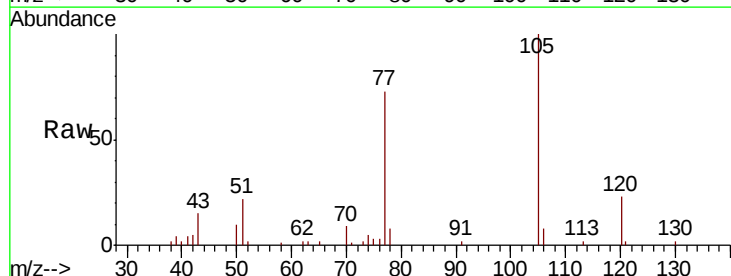
Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22
Acetophenone
Concen: 42.886 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Tgt Ion:	105	Resp:	35844
Ion	Ratio	Lower	Upper
105	100		
71	1.5	0.0	0.0#
51	22.0	17.8	26.8
120	23.1	18.6	27.8



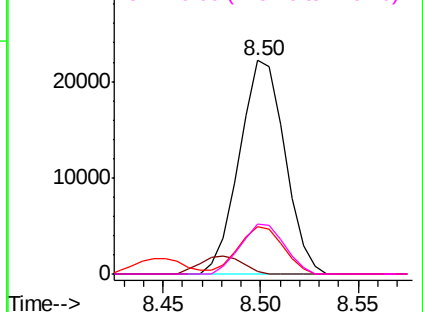
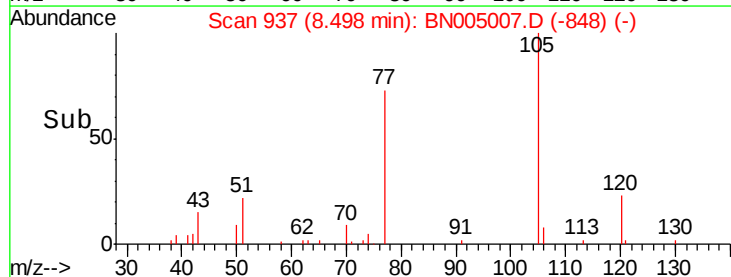
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E

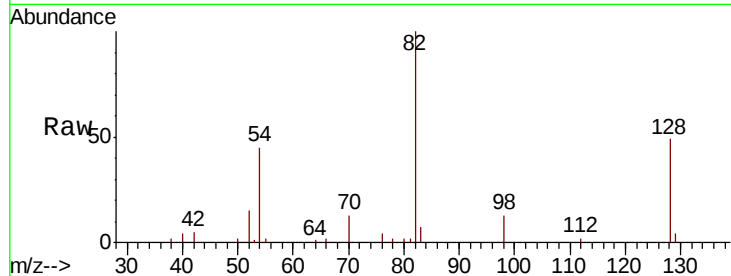




#23
Nitrobenzene-d5
Concen: 76.750 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Instrument :
BNA_N
ClientSampleId :
PB118091BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.6	60.8
54	44.8	35.2	52.8

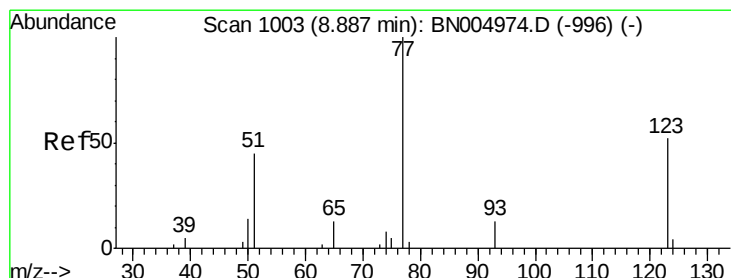
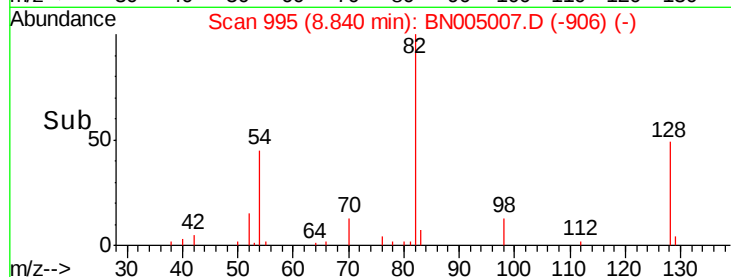
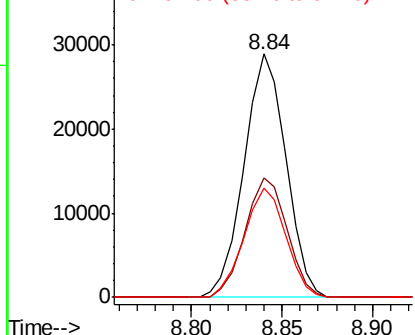


Abundance

Ion 82.00 (81.70 to 82.70): BN0

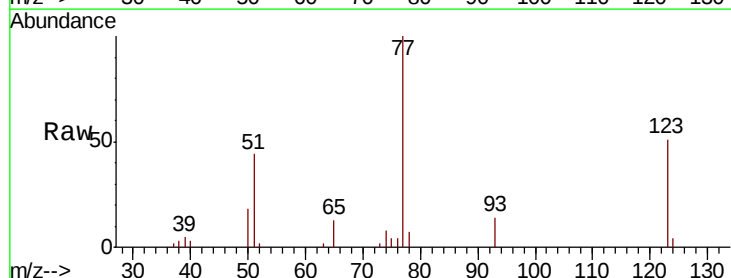
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#24
Nitrobenzene
Concen: 41.133 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.3	41.3	61.9
65	13.4	10.3	15.5

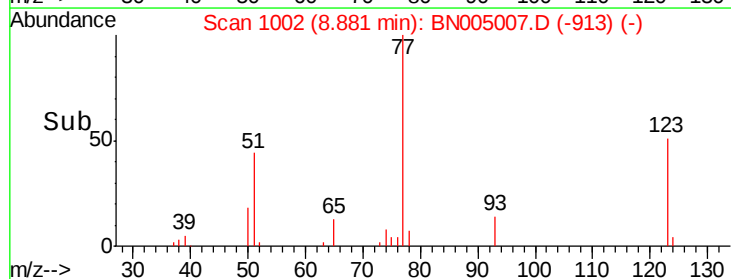
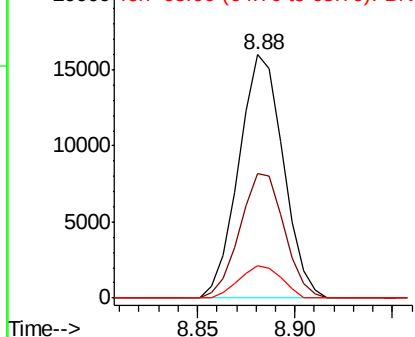


Abundance

Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BN0

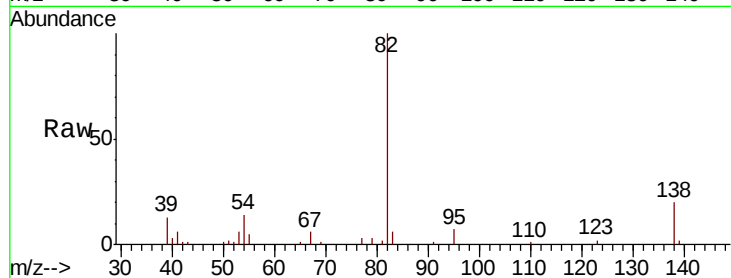




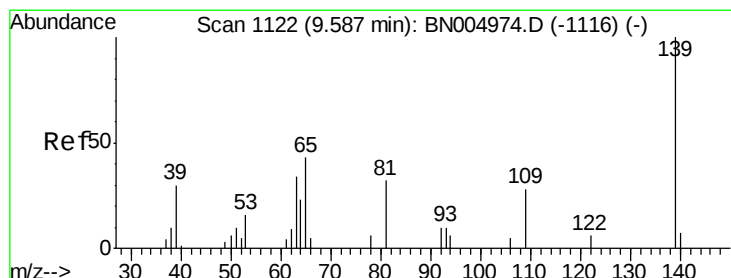
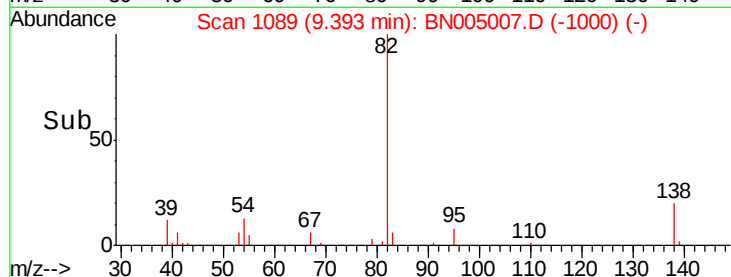
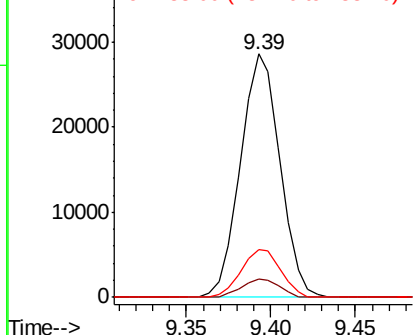
#25
Isophorone
Concen: 39.484 ng
RT: 9.39 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Instrument :
BNA_N
ClientSampleId :
PB118091BSD

Tgt Ion: 82 Resp: 46557
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 19.8 16.2 24.2

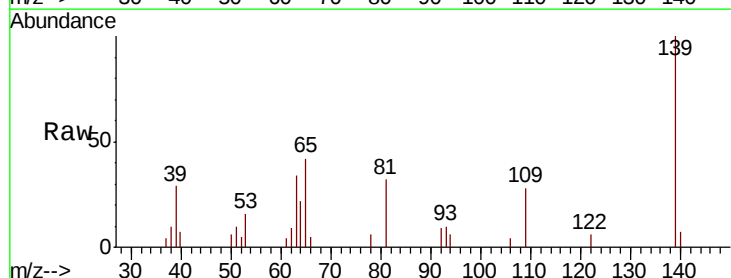


Abundance Ion 82.00 (81.70 to 82.70): BNO
Ion 95.00 (94.70 to 95.70): BNO
Ion 138.00 (137.70 to 138.70): BNO

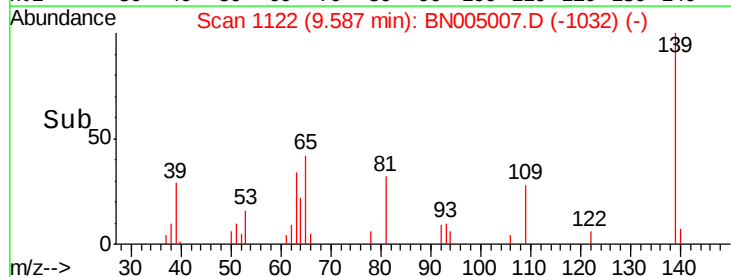
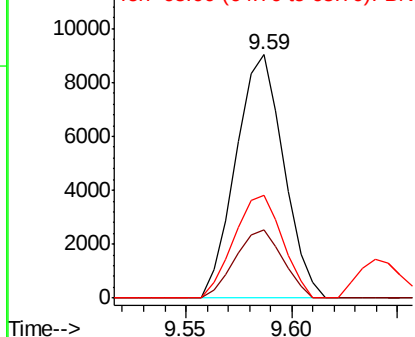


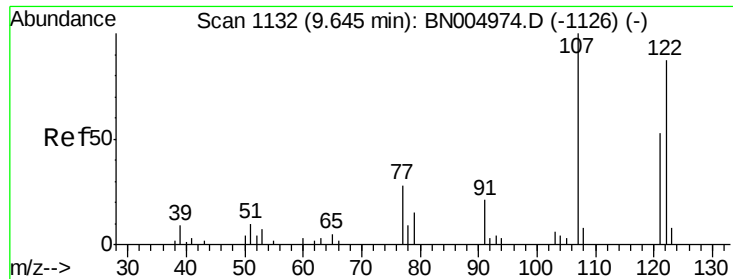
#26
2-Nitrophenol
Concen: 39.938 ng
RT: 9.59 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Tgt Ion: 139 Resp: 14205
Ion Ratio Lower Upper
139 100
109 28.1 22.5 33.7
65 42.1 34.2 51.4



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

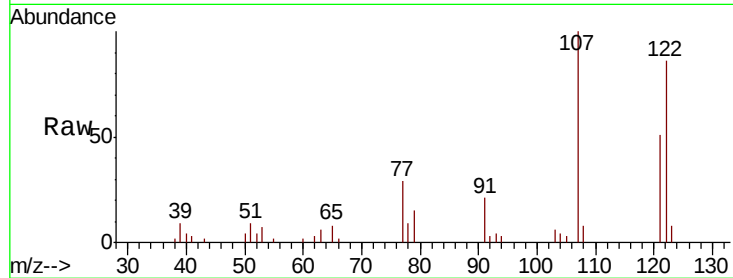




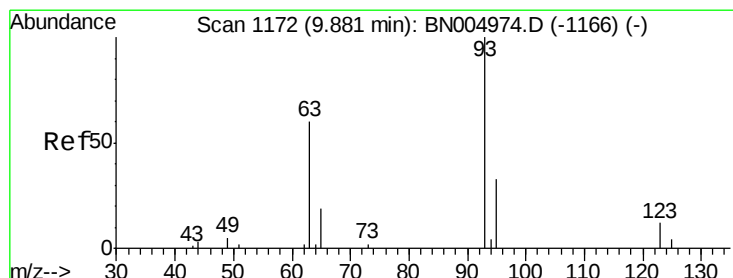
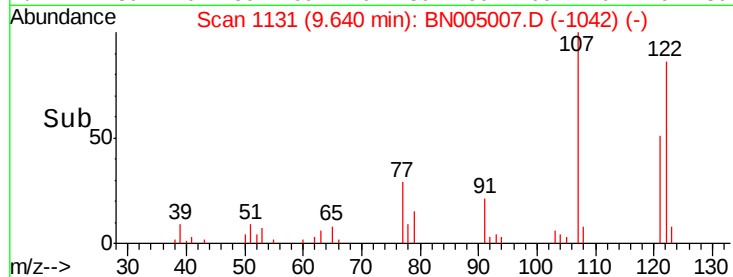
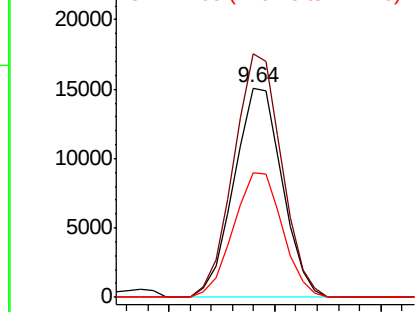
#27
2,4-Dimethylphenol
Concen: 48.151 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Instrument :
BNA_N
ClientSampleId :
PB118091BSD

Tgt Ion:122 Resp: 23844
Ion Ratio Lower Upper
122 100
107 116.1 91.6 137.4
121 59.7 48.2 72.2

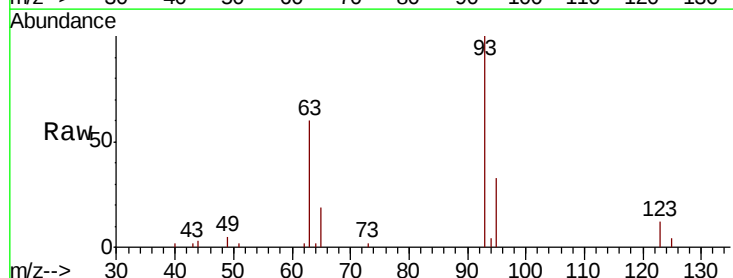


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

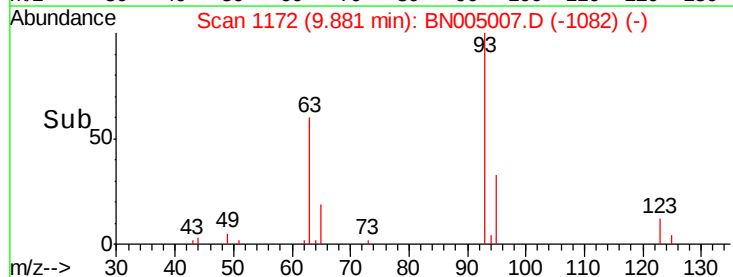
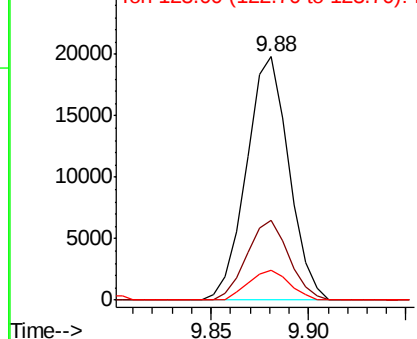


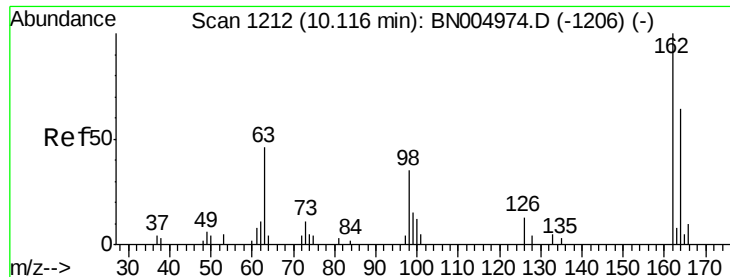
#28
bis(2-Chloroethoxy)methane
Concen: 40.724 ng
RT: 9.88 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Tgt Ion: 93 Resp: 29752
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 12.2 9.8 14.8



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

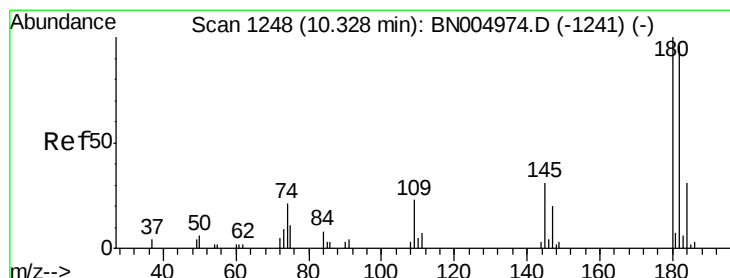
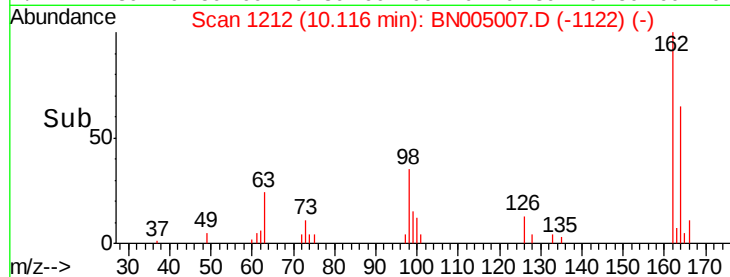
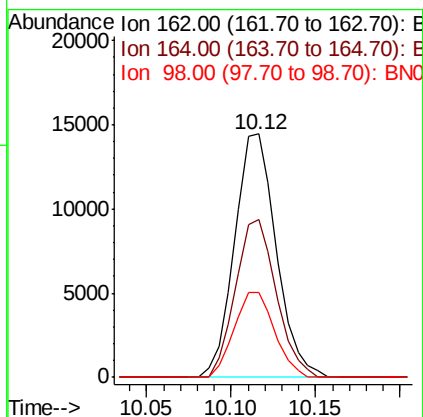
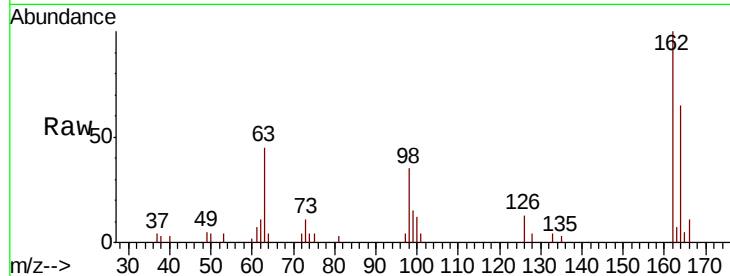




#29
 2,4-Dichlorophenol
 Concen: 43.647 ng
 RT: 10.12 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

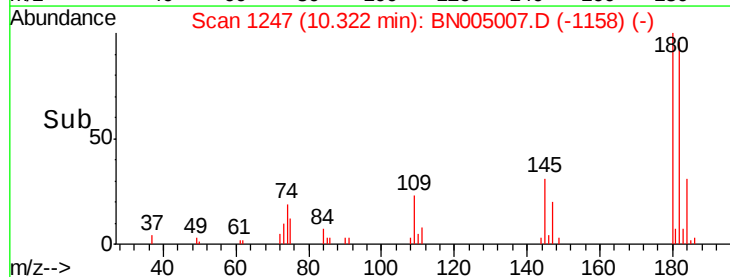
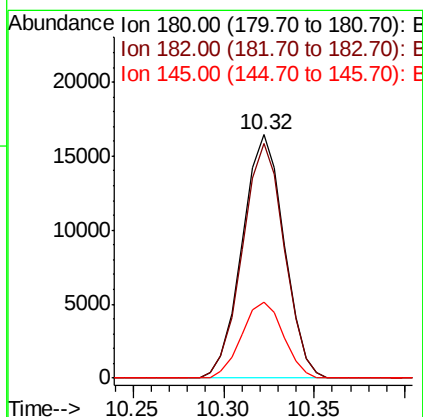
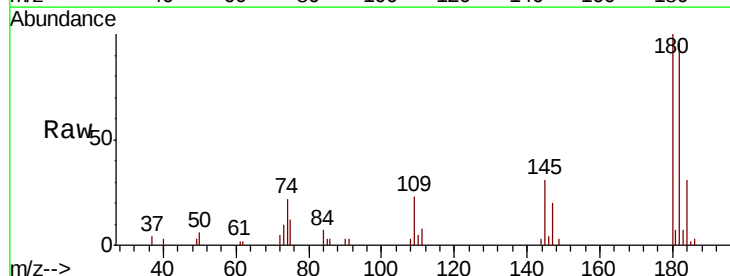
Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

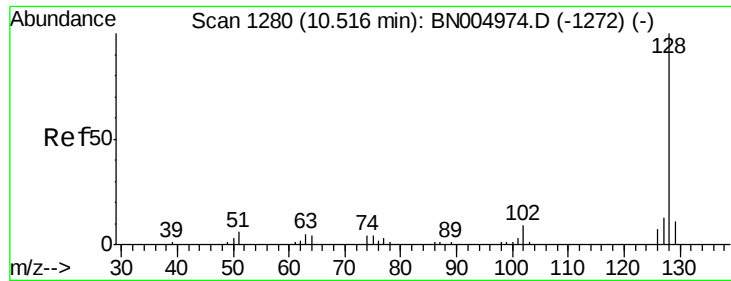
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.3	84.3
98	34.8	15.3	55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.277 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.6	114.8
145	31.0	24.6	37.0

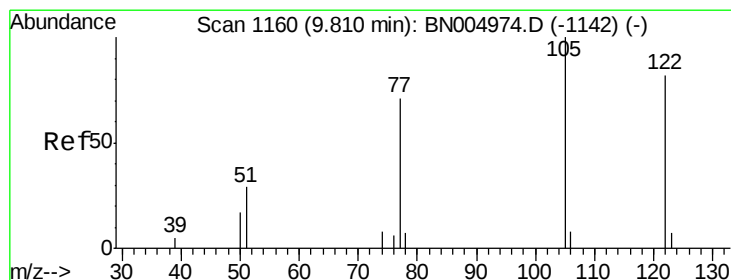
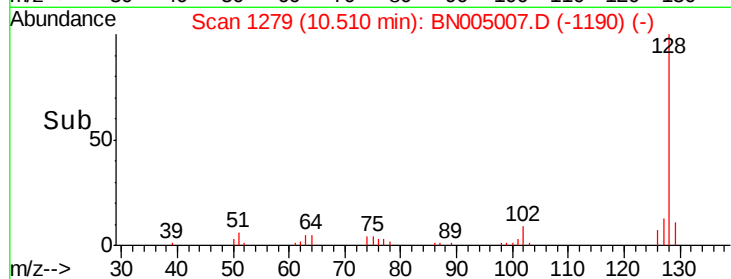
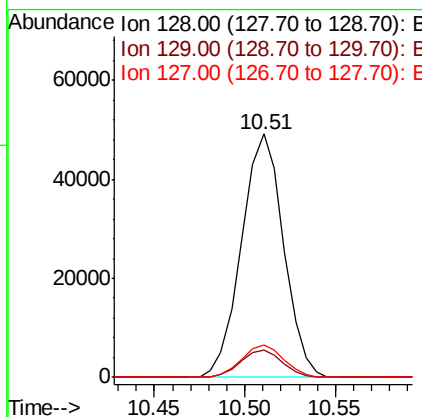
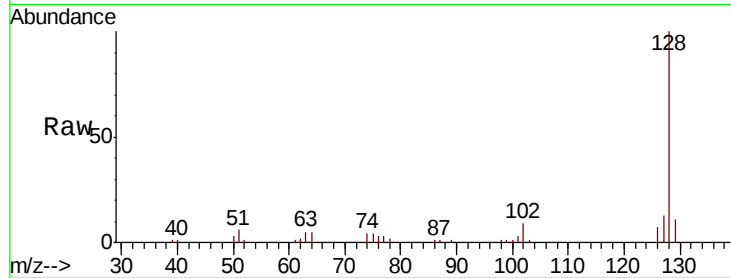




#31
Naphthalene
Concen: 41.505 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

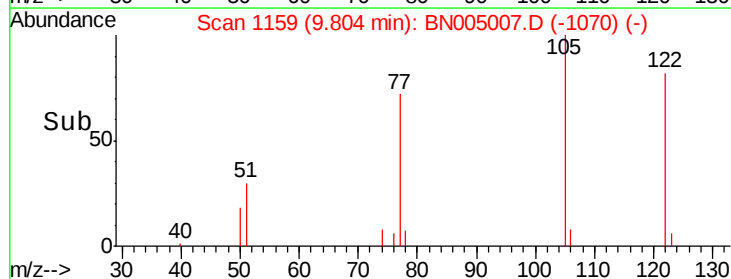
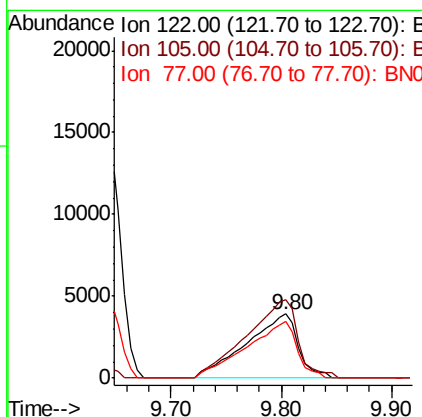
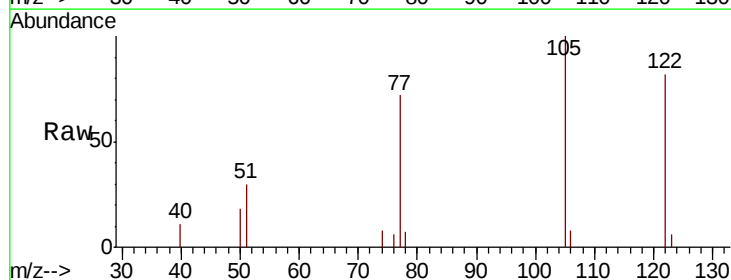
Instrument :
BNA_N
ClientSampleId :
PB118091BSD

Tgt Ion:128 Resp: 79286
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 33.897 ng
RT: 9.80 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Tgt Ion:122 Resp: 12784
Ion Ratio Lower Upper
122 100
105 122.3 102.4 142.4
77 88.6 67.1 107.1

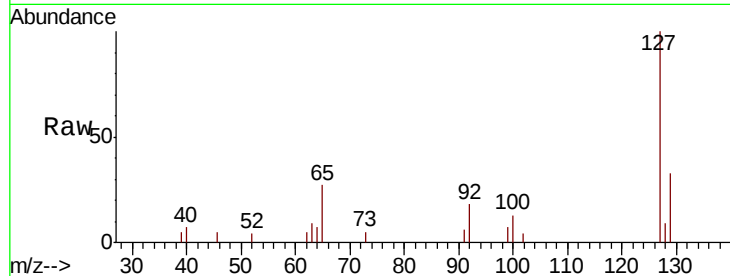




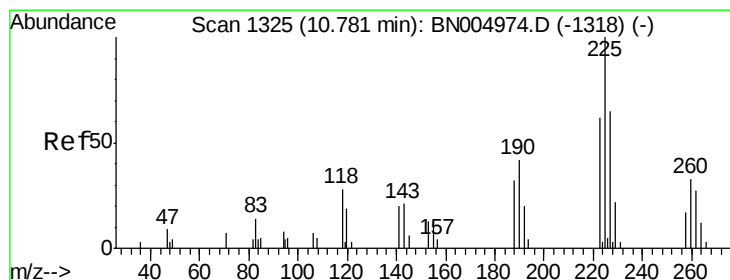
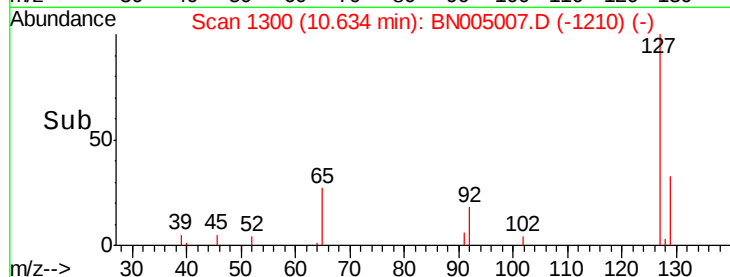
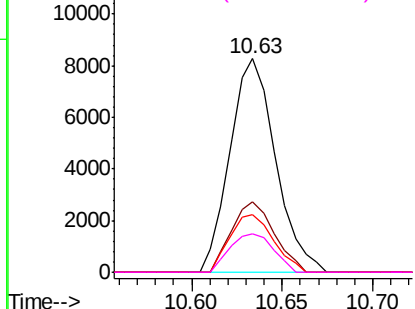
#33
4-Chloroaniline
Concen: 18.634 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Instrument :
BNA_N
ClientSampleId :
PB118091BSD

Tgt Ion:127 Resp: 14483
Ion Ratio Lower Upper
127 100
129 32.8 25.9 38.9
65 27.2 21.4 32.0
92 18.3 15.3 22.9

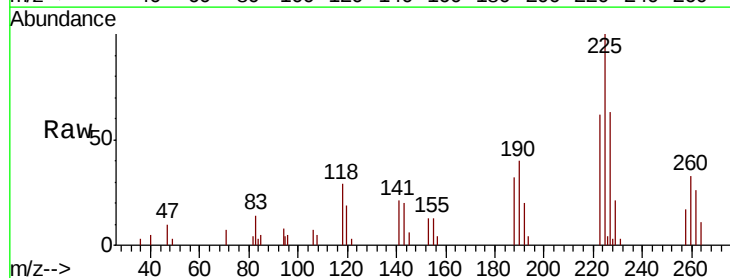


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

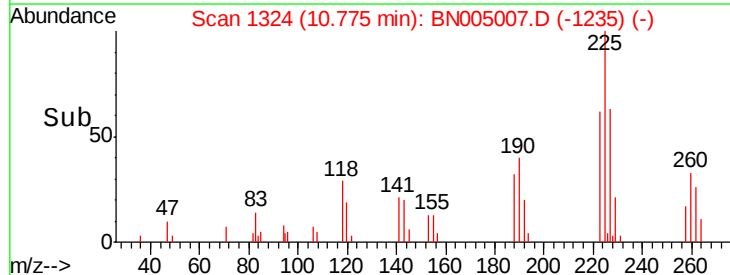
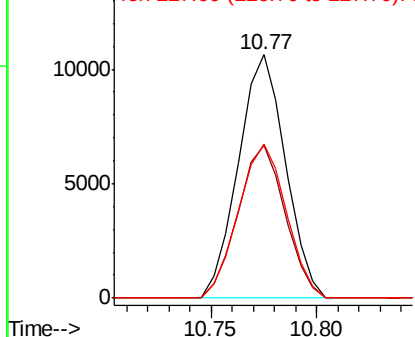


#34
Hexachlorobutadiene
Concen: 40.495 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Tgt Ion:225 Resp: 16427
Ion Ratio Lower Upper
225 100
223 62.5 49.7 74.5
227 63.3 52.0 78.0



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

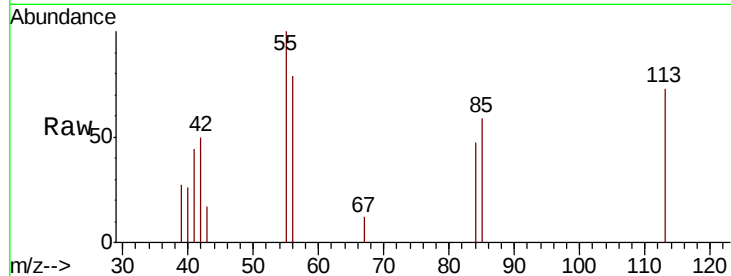




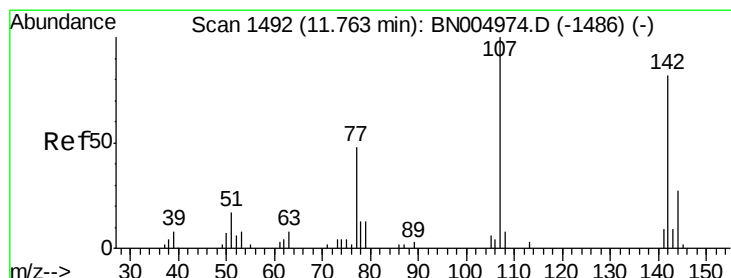
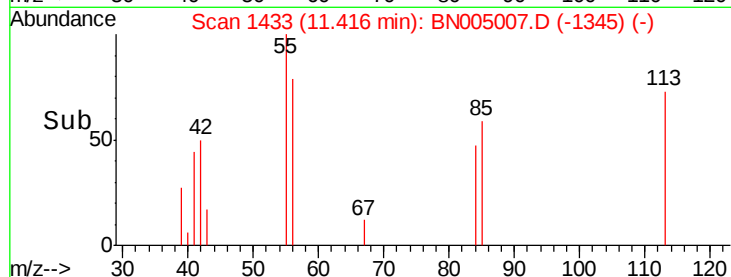
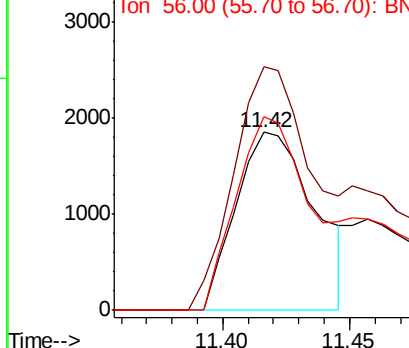
#35
 Caprolactam
 Concen: 21.378 ng
 RT: 11.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

Tgt Ion:113 Resp: 3984
 Ion Ratio Lower Upper
 113 100
 55 136.8 115.8 155.8
 56 108.6 85.1 125.1

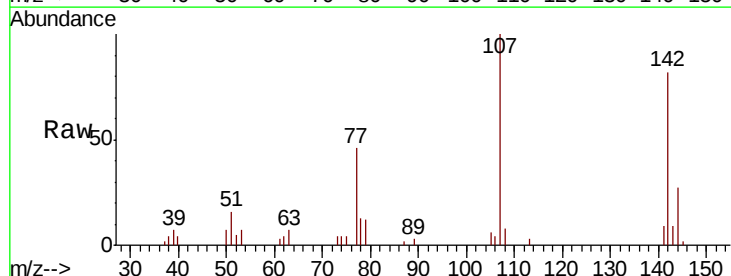


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BNO
 Ion 56.00 (55.70 to 56.70): BNO

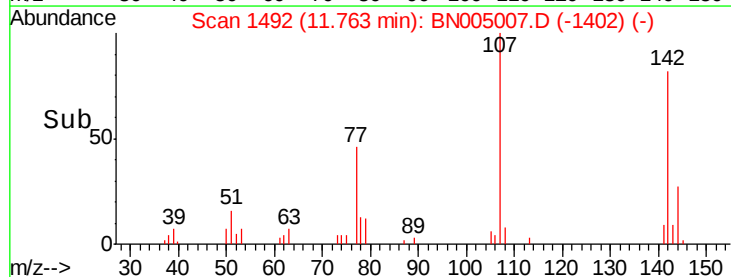
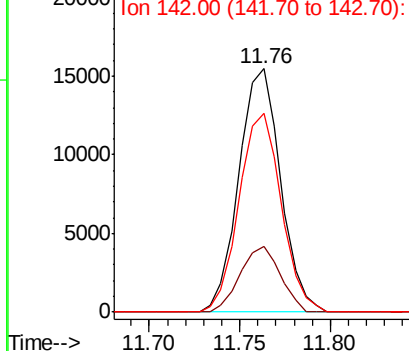


#36
 4-Chloro-3-methylphenol
 Concen: 40.313 ng
 RT: 11.76 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion:107 Resp: 24785
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.3 31.9
 142 81.7 65.8 98.8



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

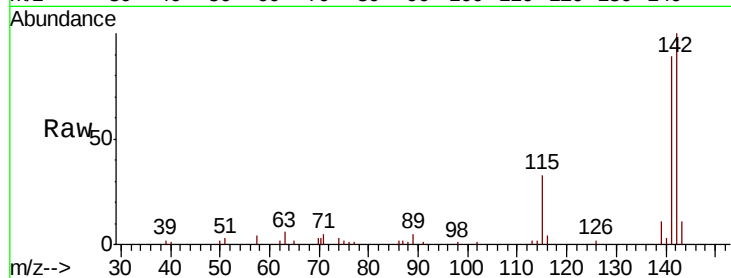




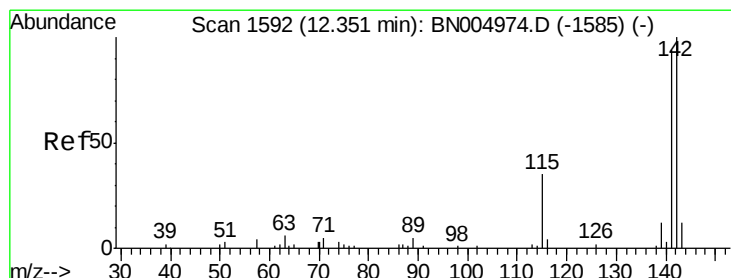
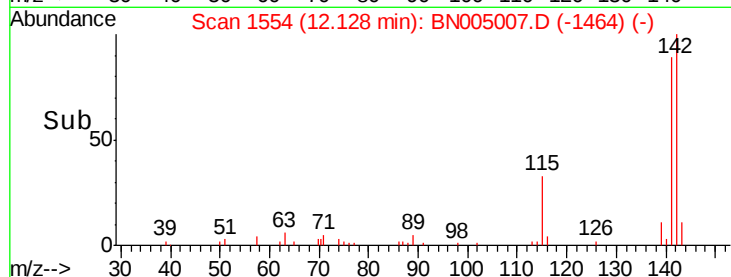
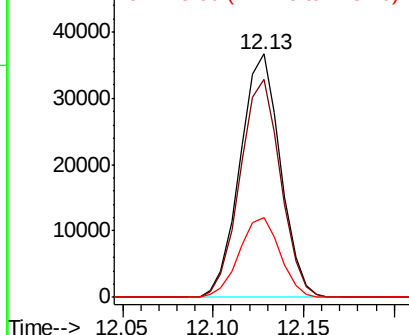
#37
 2-Methylnaphthalene
 Concen: 42.086 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

Tgt Ion:142 Resp: 56772
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.8 107.8
 115 32.7 27.0 40.4

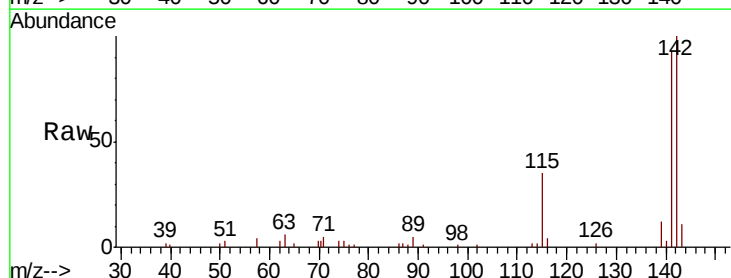


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

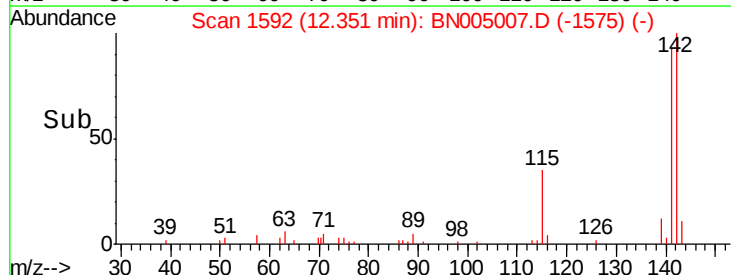
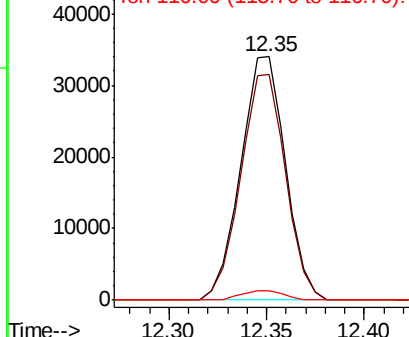


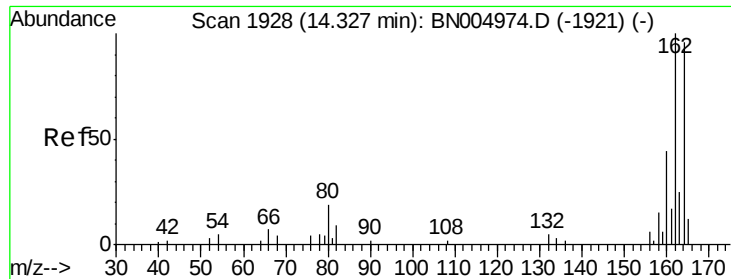
#38
 1-Methylnaphthalene
 Concen: 40.844 ng
 RT: 12.35 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion:142 Resp: 53913
 Ion Ratio Lower Upper
 142 100
 141 92.6 74.9 112.3
 116 3.8 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

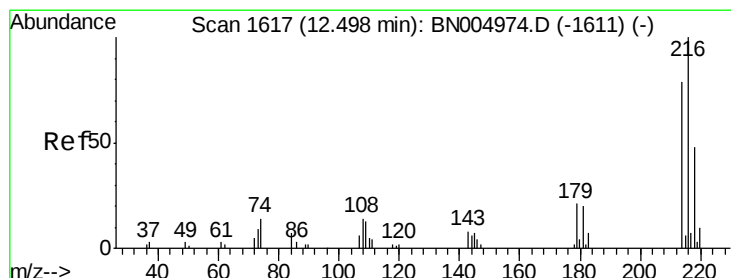
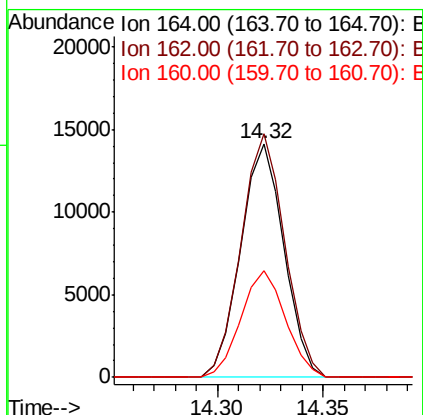
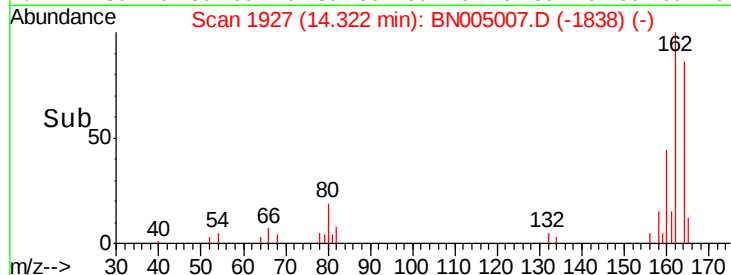
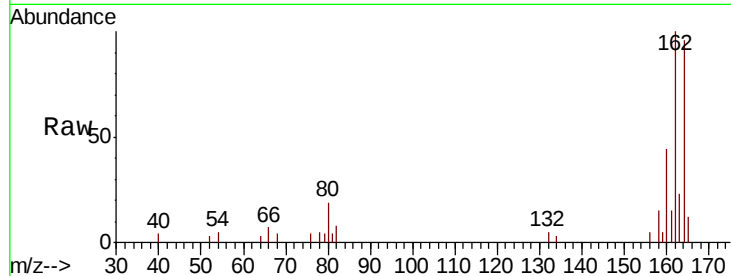
Tgt Ion:164 Resp: 20110

Ion Ratio Lower Upper

164 100

162 104.2 83.4 125.0

160 45.8 36.6 55.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.683 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Tgt Ion:216 Resp: 30445

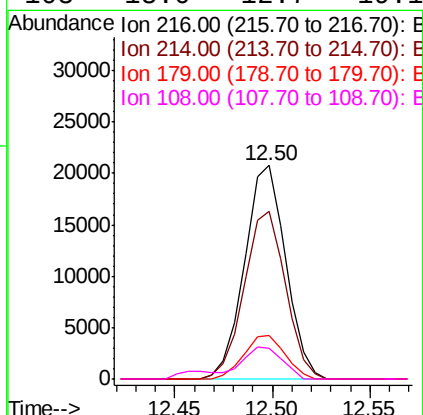
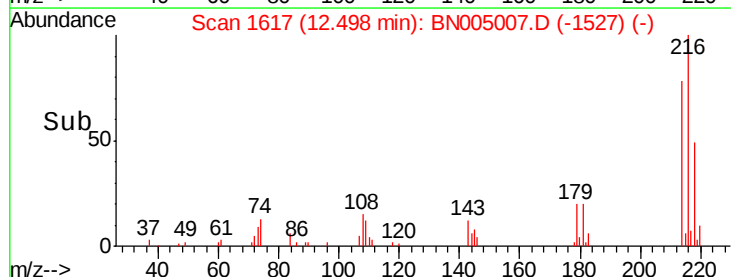
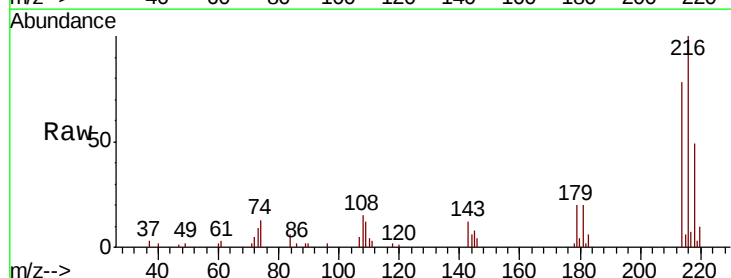
Ion Ratio Lower Upper

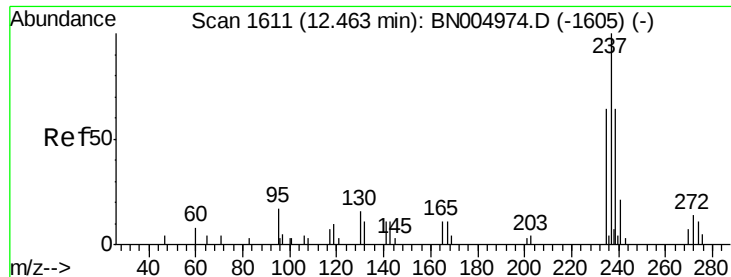
216 100

214 78.8 62.6 94.0

179 20.5 16.4 24.6

108 18.0 12.7 19.1





#41

Hexachlorocyclopentadiene

Concen: 102.137 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

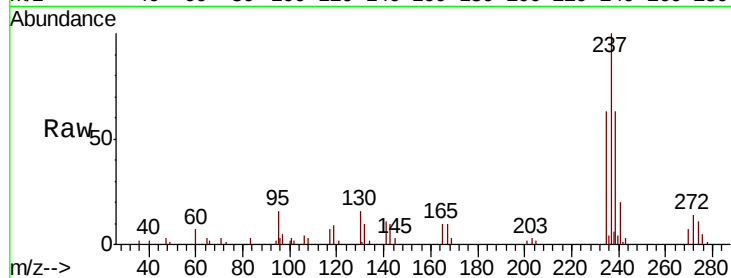
Tgt Ion:237 Resp: 41757

Ion Ratio Lower Upper

237 100

235 63.4 43.6 83.6

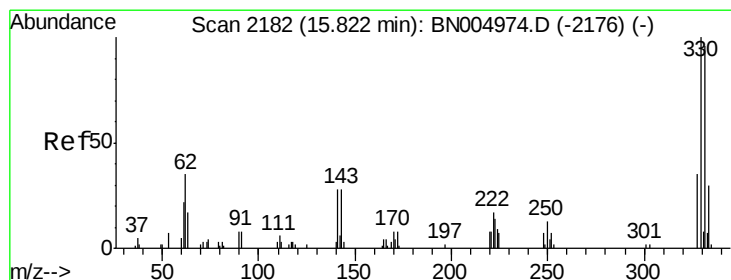
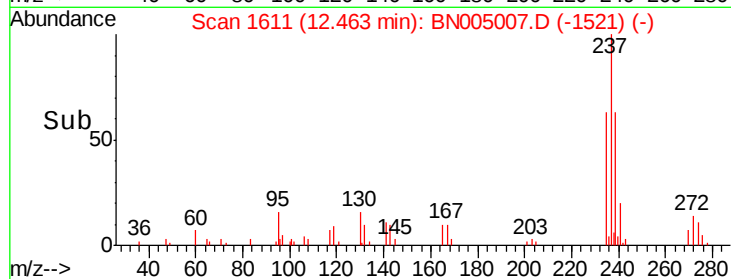
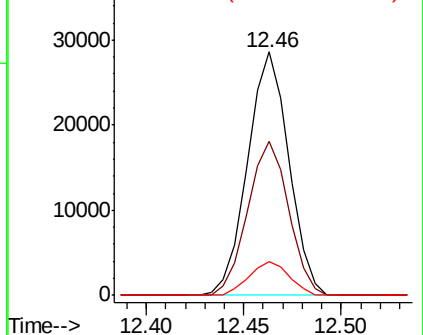
272 14.0 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.856 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

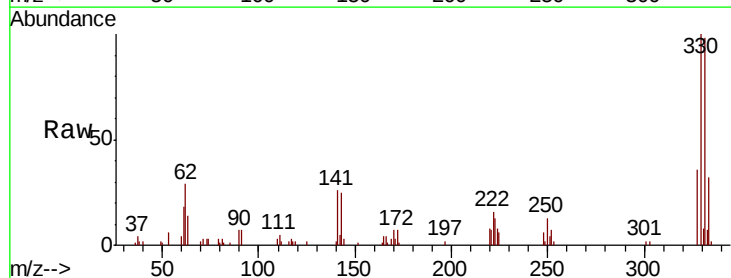
Tgt Ion:330 Resp: 40171

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

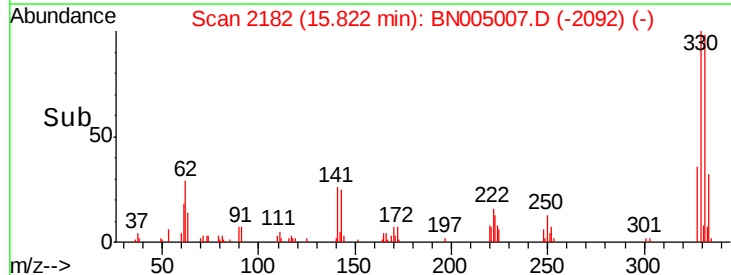
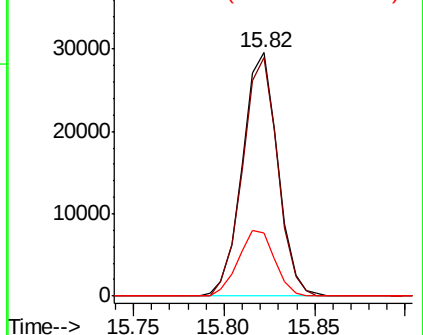
141 27.4 22.1 33.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

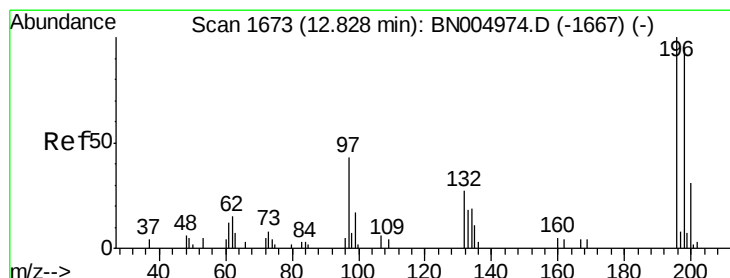
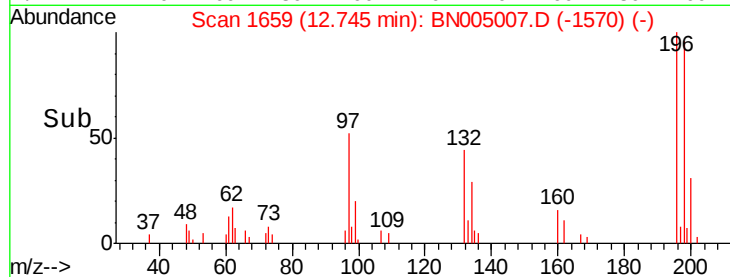
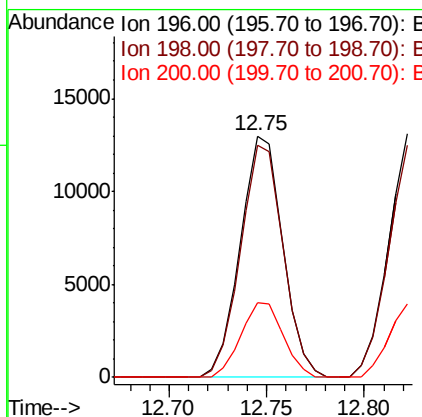
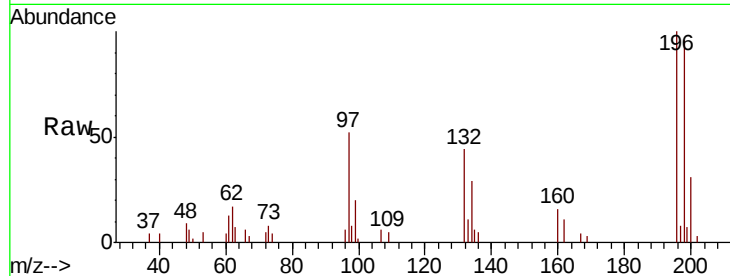




#43
 2,4,6-Trichlorophenol
 Concen: 44.273 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

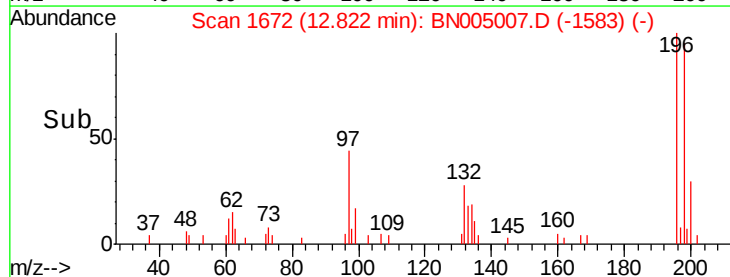
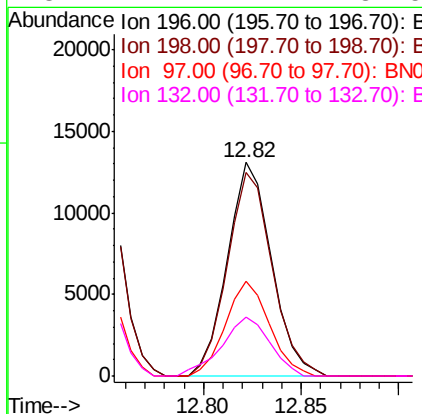
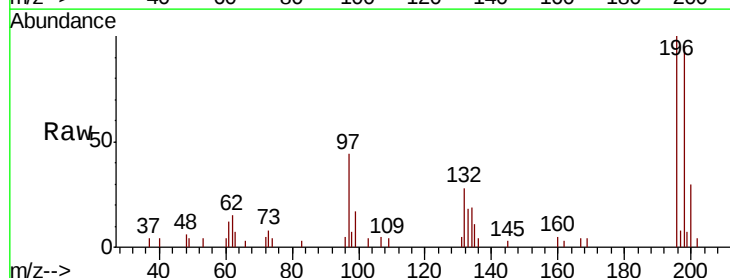
Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

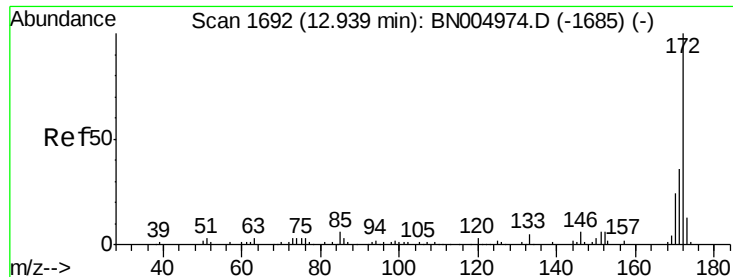
Tgt Ion:196 Resp: 19595
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.5 114.7
 200 30.8 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.601 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion:196 Resp: 20541
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.1 114.1
 97 44.5 34.8 52.2
 132 27.7 21.7 32.5

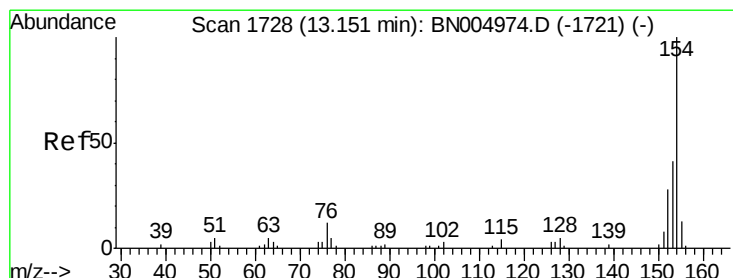
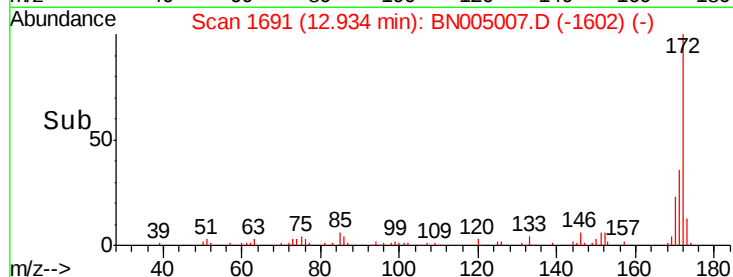
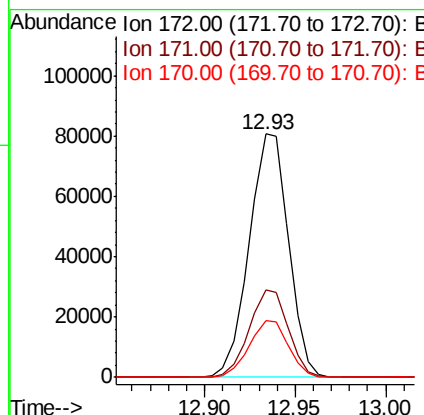
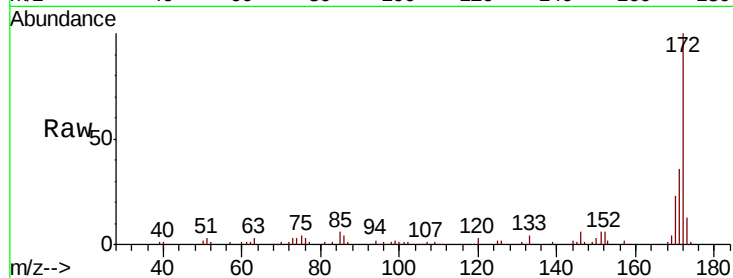




#45
 2-Fluorobiphenyl
 Concen: 80.207 ng
 RT: 12.93 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

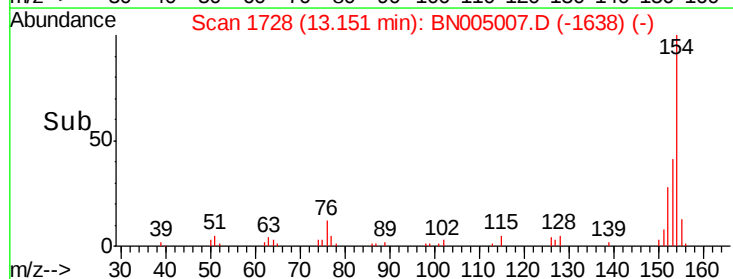
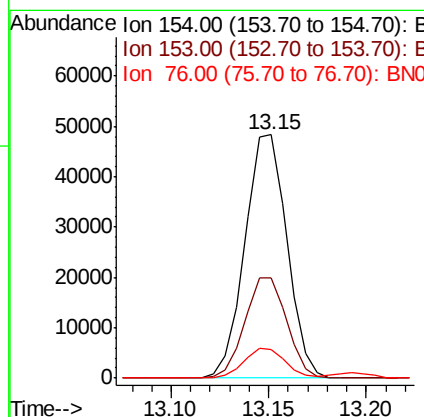
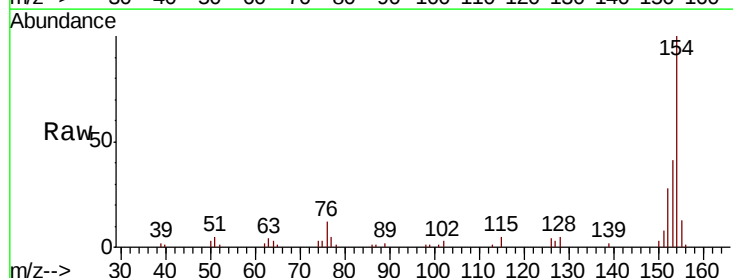
Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

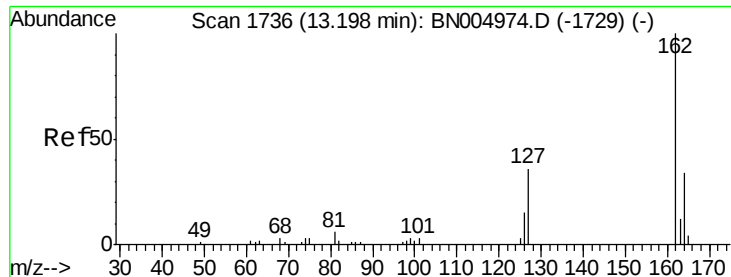
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.5	18.9	28.3



#46
 1,1'-Biphenyl
 Concen: 42.355 ng
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.2	61.2
76	11.5	0.0	32.2

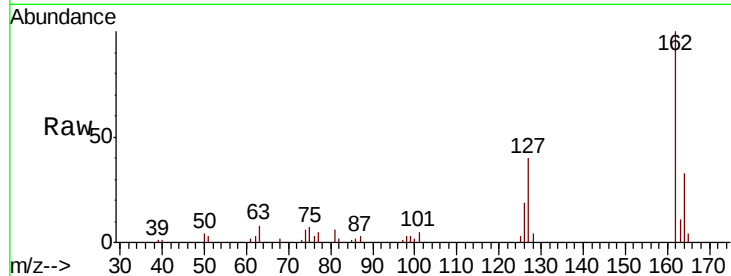




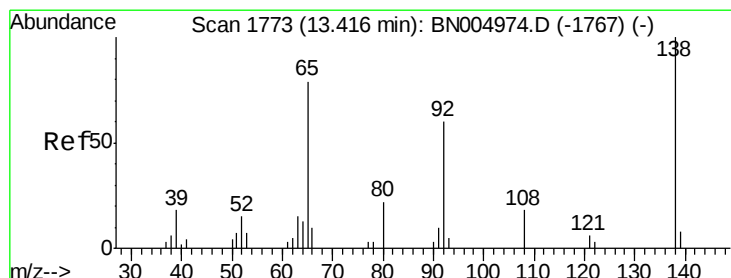
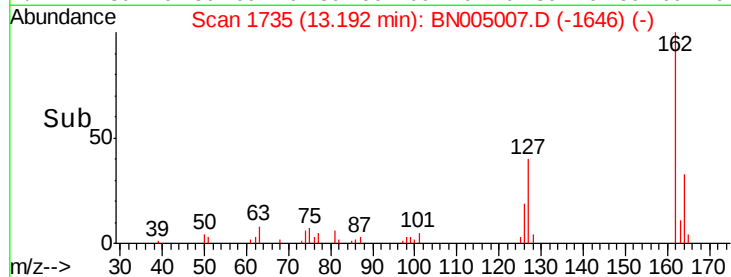
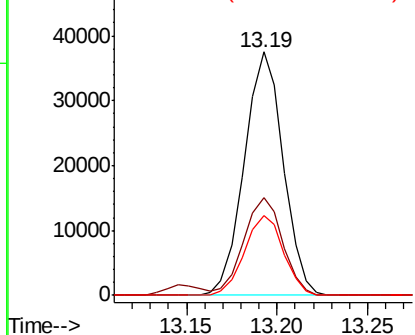
#47
 2-Chloronaphthalene
 Concen: 42.760 ng
 RT: 13.19 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

Tgt Ion: 162 Resp: 55850
 Ion Ratio Lower Upper
 162 100
 127 39.9 32.4 48.6
 164 32.5 26.8 40.2

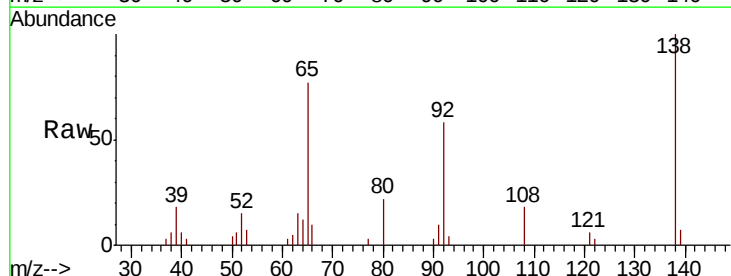


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

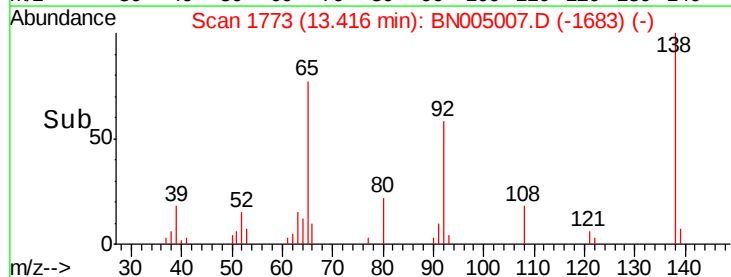
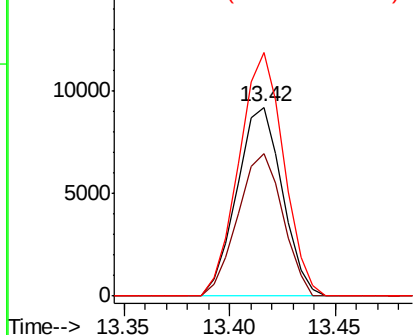


#48
 2-Nitroaniline
 Concen: 39.516 ng
 RT: 13.42 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion: 65 Resp: 13739
 Ion Ratio Lower Upper
 65 100
 92 75.4 60.2 90.4
 138 129.1 101.1 151.7



Abundance Ion 65.00 (64.70 to 65.70): BNC
 Ion 92.00 (91.70 to 92.70): BNC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.465 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

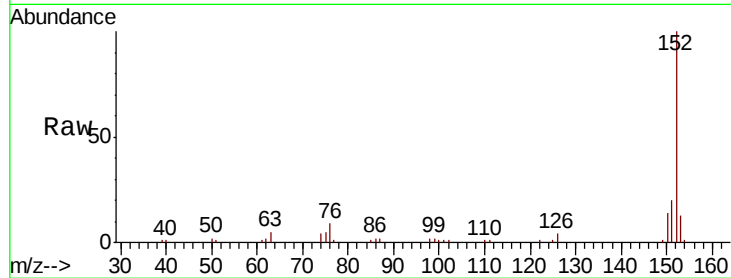
Tgt Ion:152 Resp: 88893

Ion Ratio Lower Upper

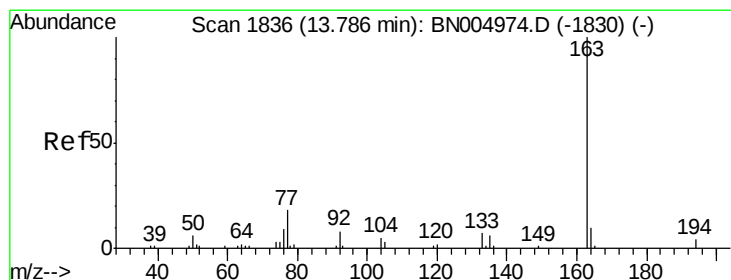
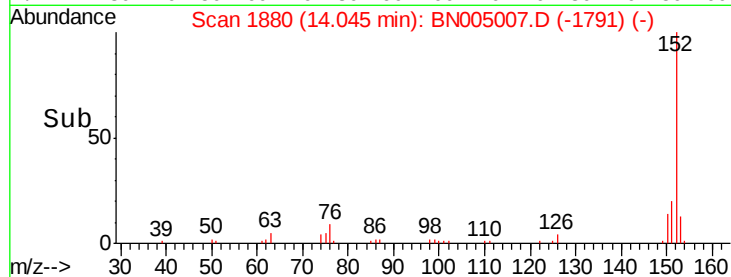
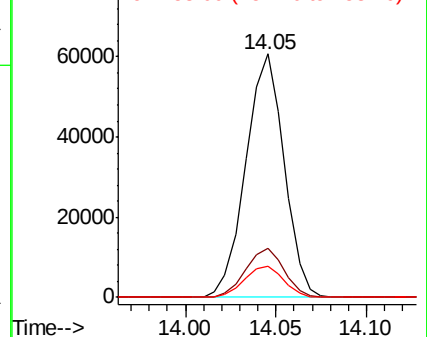
152 100

151 20.3 16.2 24.2

153 13.0 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



#50

Dimethylphthalate

Concen: 41.158 ng

RT: 13.79 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

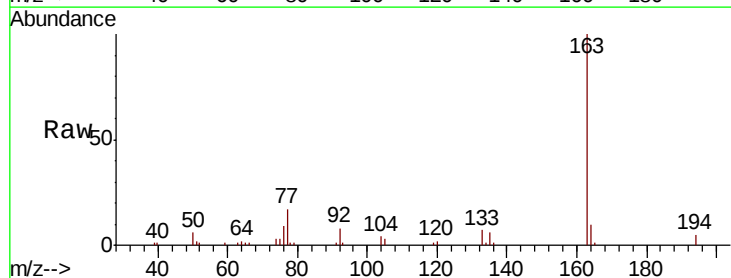
Tgt Ion:163 Resp: 68000

Ion Ratio Lower Upper

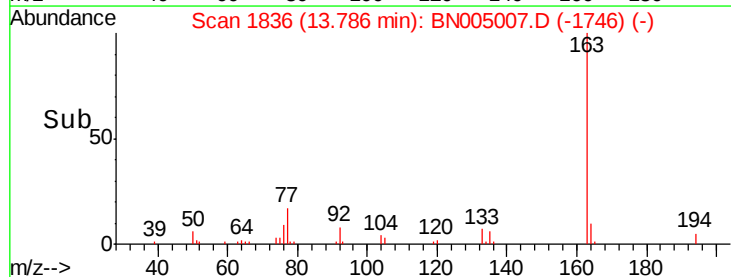
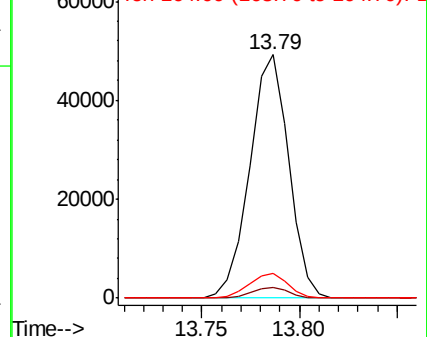
163 100

194 4.5 3.4 5.0

164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

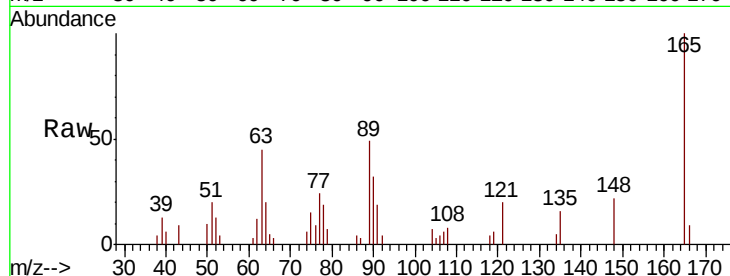




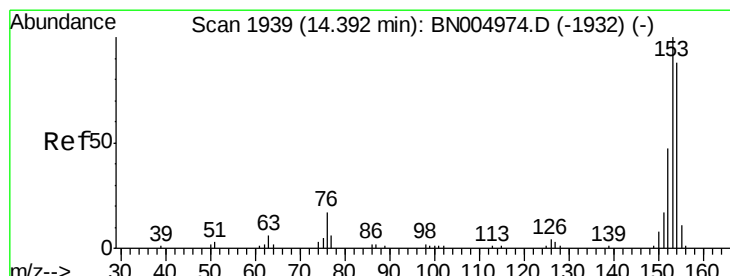
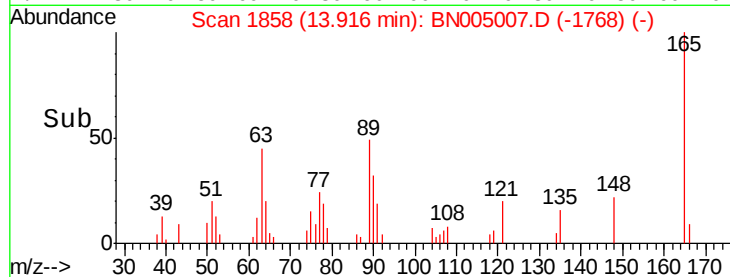
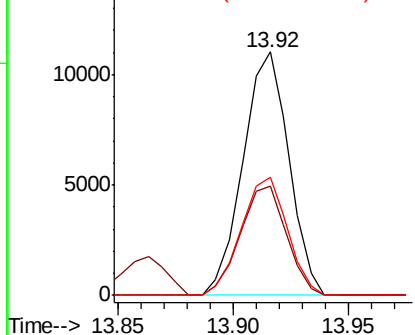
#51
 2,6-Dinitrotoluene
 Concen: 40.401 ng
 RT: 13.92 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

Tgt Ion:165 Resp: 15189
 Ion Ratio Lower Upper
 165 100
 63 45.0 37.3 55.9
 89 48.6 39.2 58.8

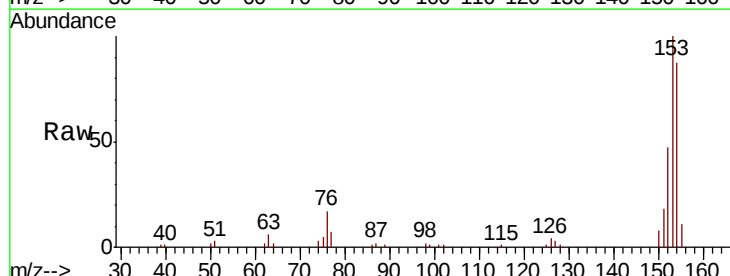


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

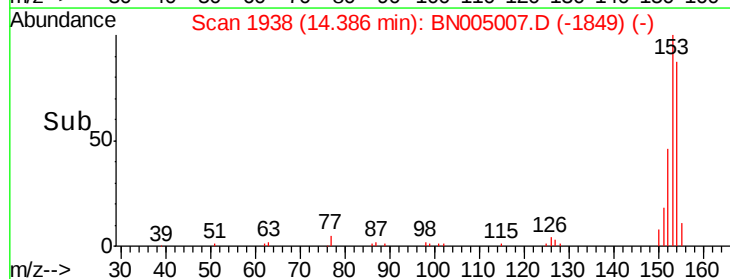
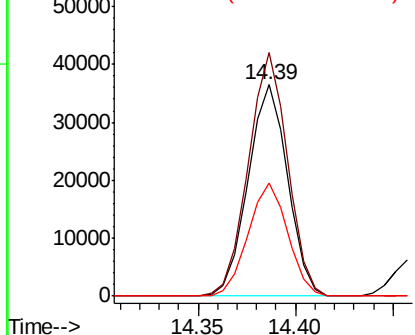


#52
 Acenaphthene
 Concen: 41.463 ng
 RT: 14.39 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion:154 Resp: 51239
 Ion Ratio Lower Upper
 154 100
 153 115.2 91.0 136.4
 152 53.7 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

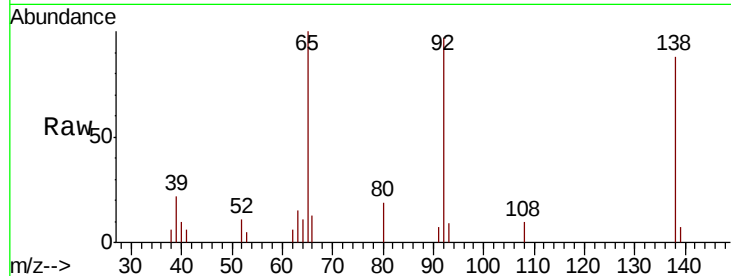




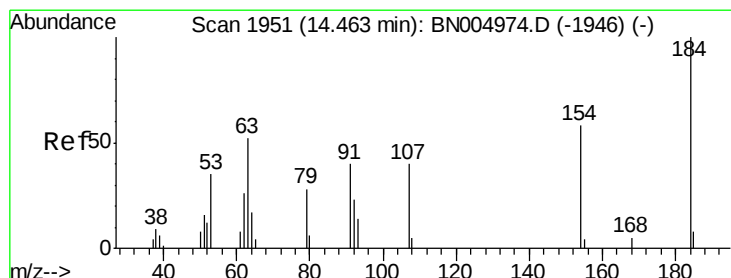
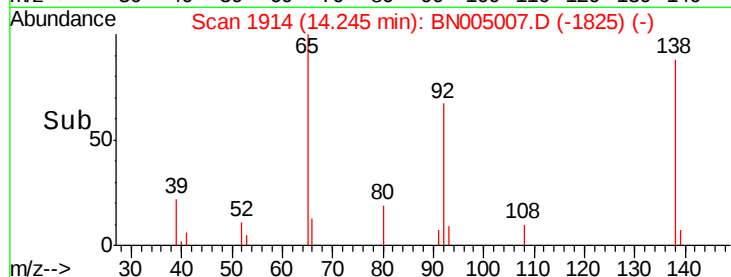
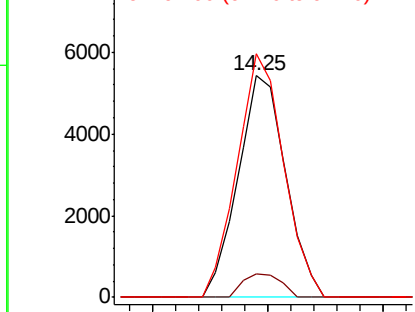
#53
 3-Nitroaniline
 Concen: 20.385 ng
 RT: 14.25 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

Tgt Ion:138 Resp: 7833
 Ion Ratio Lower Upper
 138 100
 108 10.9 8.6 12.8
 92 109.9 86.9 130.3

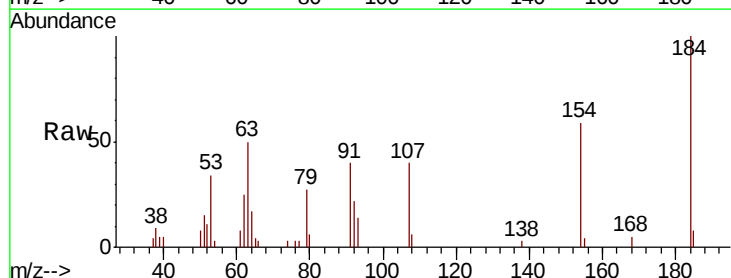


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BNO

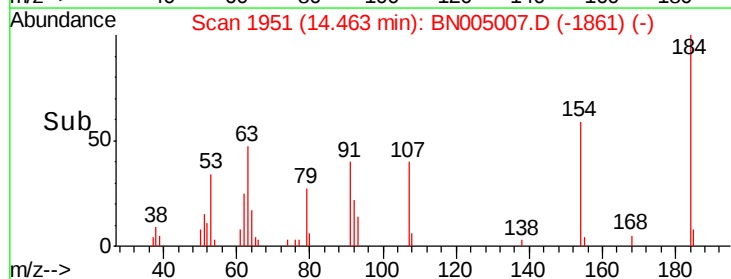
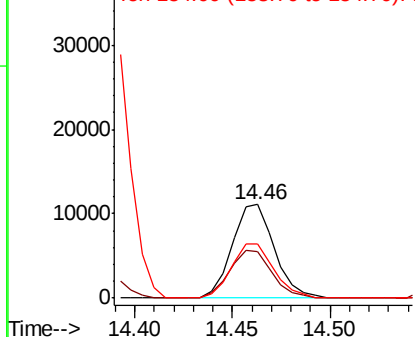


#54
 2,4-Dinitrophenol
 Concen: 74.594 ng
 RT: 14.46 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion:184 Resp: 16606
 Ion Ratio Lower Upper
 184 100
 63 49.6 41.6 62.4
 154 58.7 46.8 70.2



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





#55

Dibenzofuran

Concen: 41.675 ng

RT: 14.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

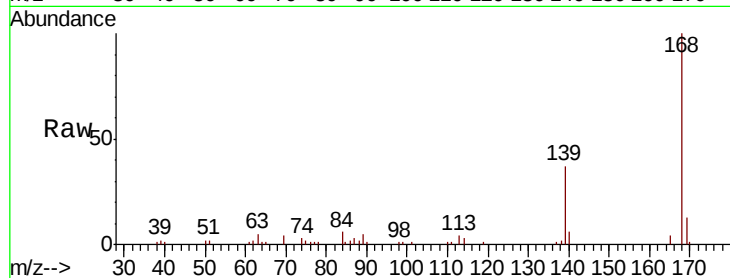
Tgt Ion:168 Resp: 81950

Ion Ratio Lower Upper

168 100

139 37.5 29.9 44.9

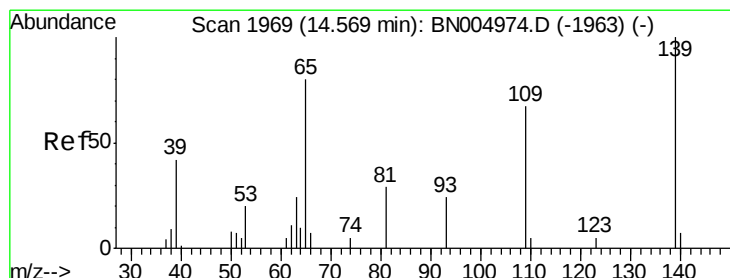
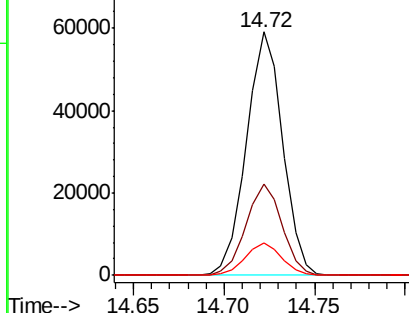
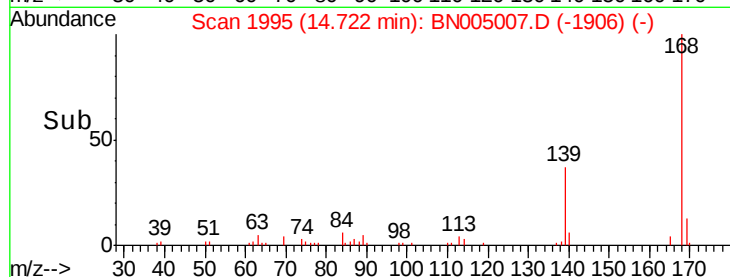
169 13.1 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.057 ng

RT: 14.56 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

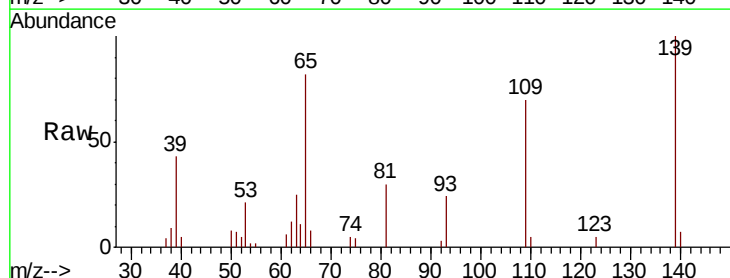
Tgt Ion:139 Resp: 22720

Ion Ratio Lower Upper

139 100

109 70.2 46.5 86.5

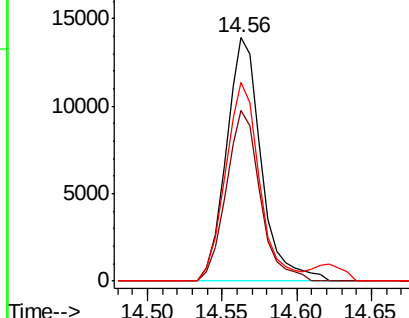
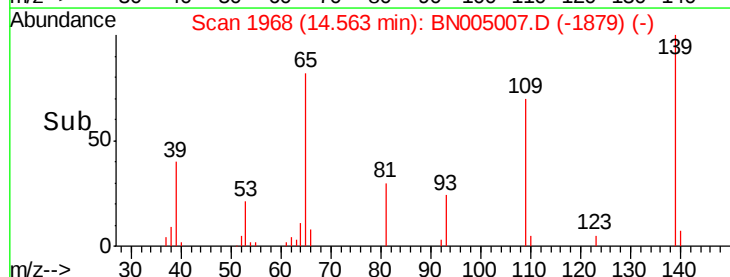
65 81.6 59.5 99.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BNO

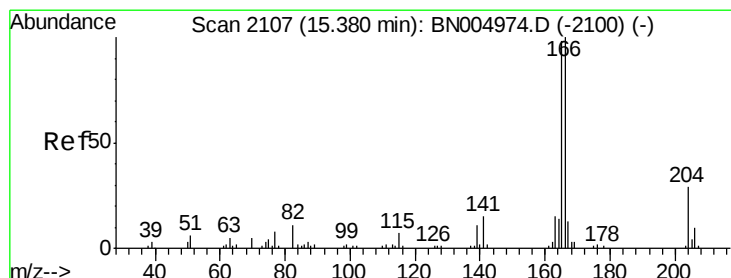
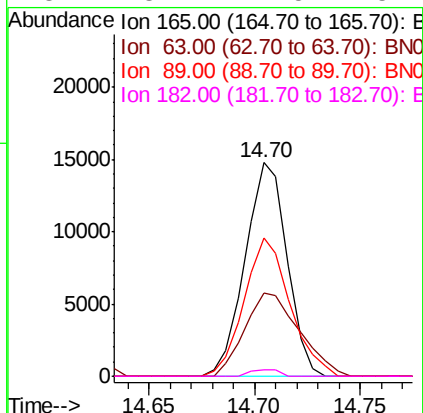
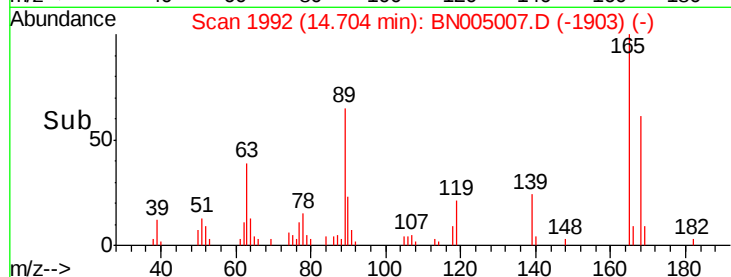
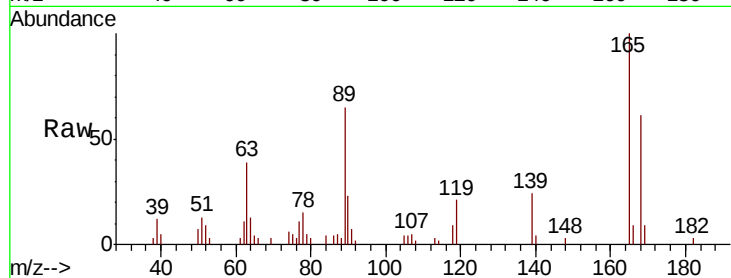




#57
2,4-Dinitrotoluene
Concen: 39.814 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

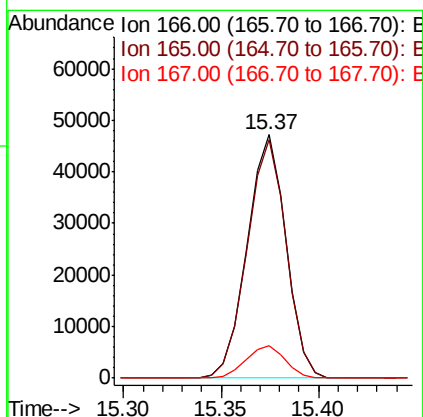
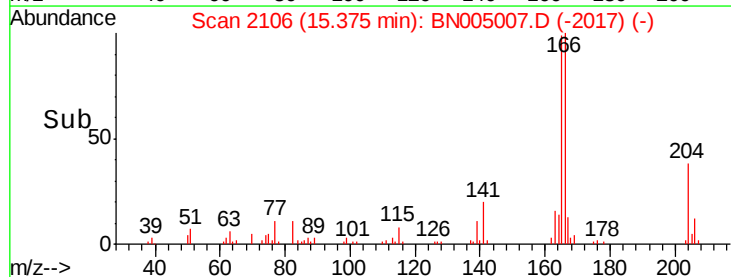
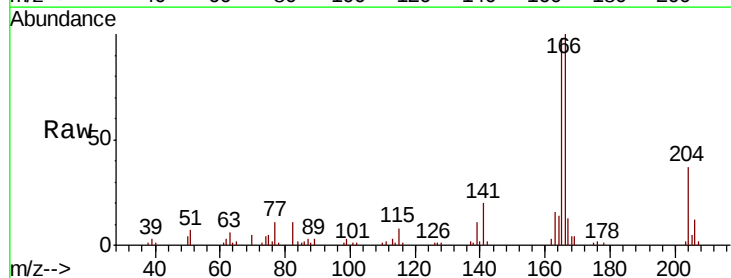
Instrument :
BNA_N
ClientSampleId :
PB118091BSD

Tgt Ion:165 Resp: 20342
Ion Ratio Lower Upper
165 100
63 38.7 30.4 45.6
89 64.6 50.7 76.1
182 3.2 2.5 3.7



#58
Fluorene
Concen: 40.832 ng
RT: 15.37 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Tgt Ion:166 Resp: 64861
Ion Ratio Lower Upper
166 100
165 97.7 78.3 117.5
167 13.3 10.6 15.8

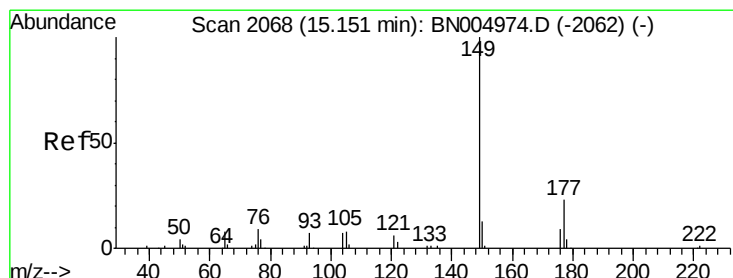
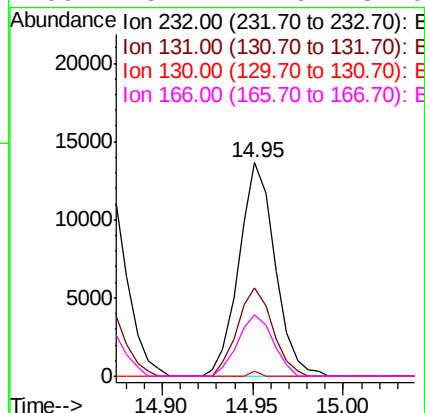
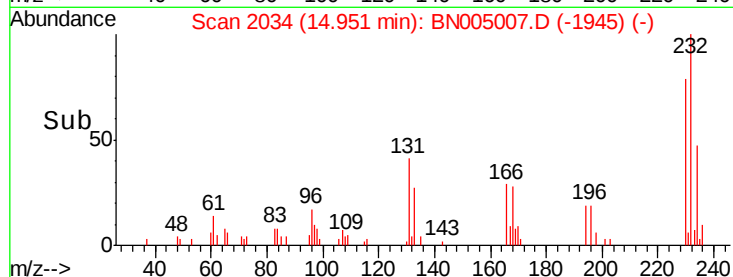
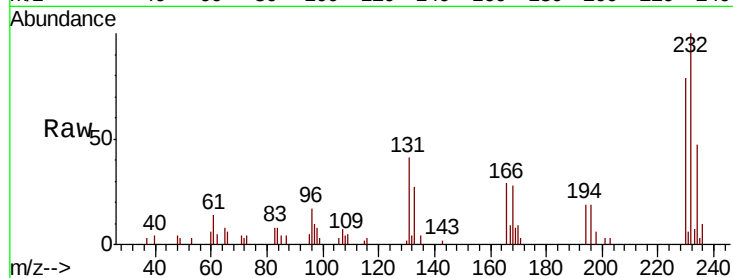




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.335 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

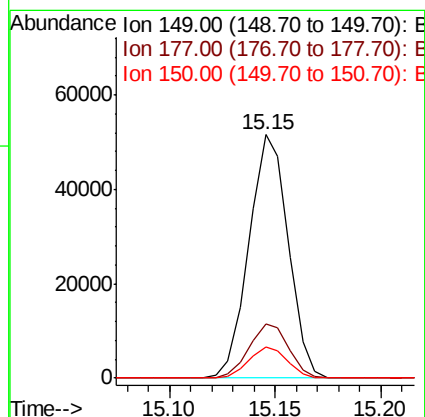
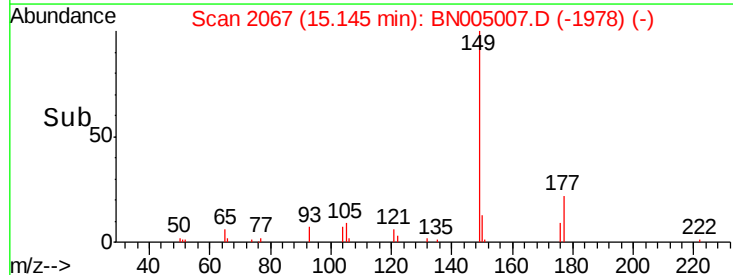
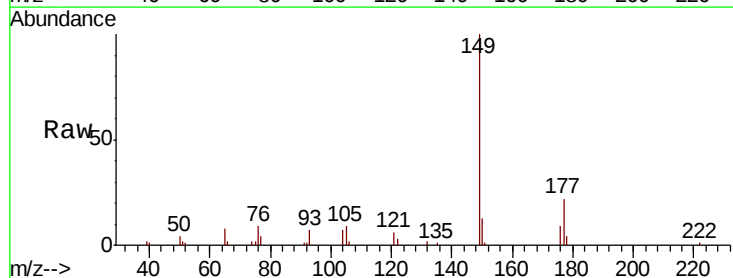
Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

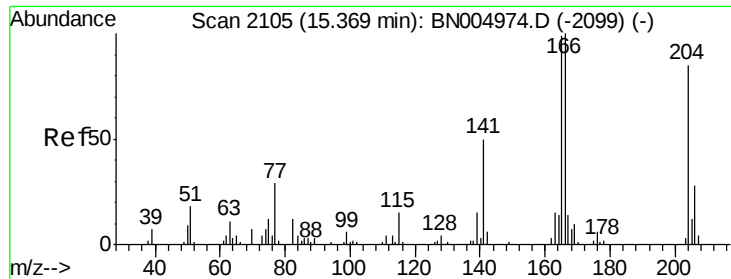
Tgt Ion:	232	Resp:	18926
Ion	Ratio	Lower	Upper
232	100		
131	40.7	32.4	48.6
130	0.6	0.9	1.3#
166	28.1	22.6	34.0



#60
 Diethylphthalate
 Concen: 40.356 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion:	149	Resp:	66534
Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.1	27.1
150	12.8	10.1	15.1

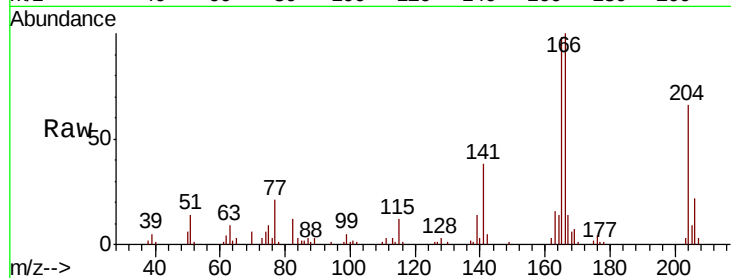




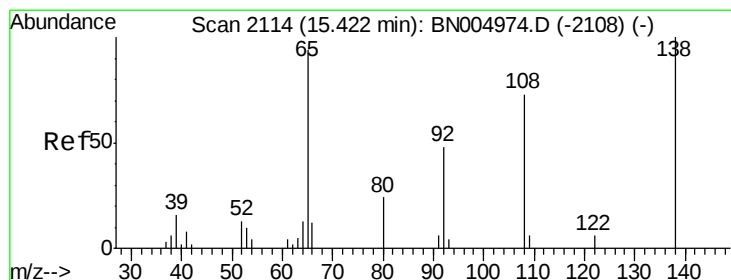
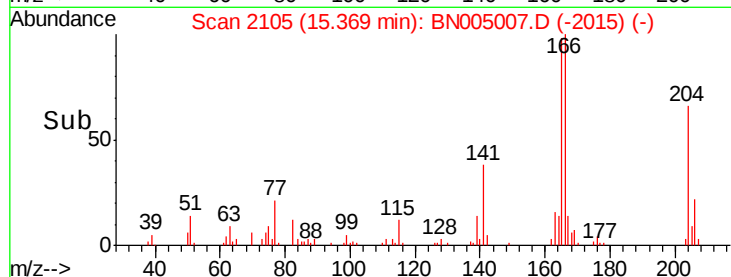
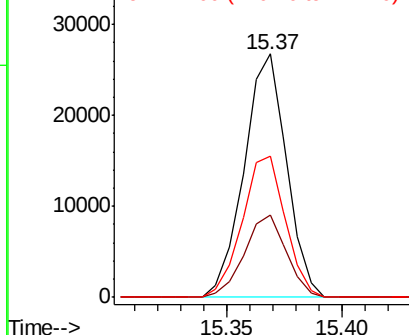
#61
 4-Chlorophenyl-phenylether
 Concen: 41.789 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

Tgt Ion:204 Resp: 34245
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.5 39.7
 141 57.8 47.2 70.8

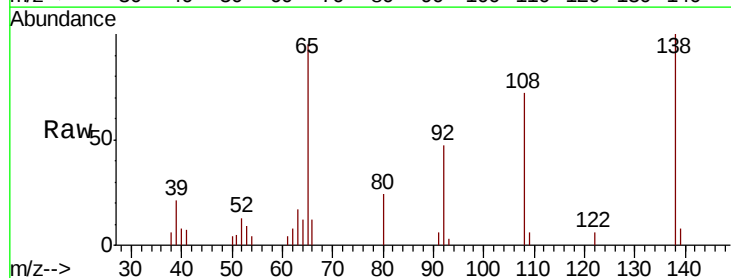


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

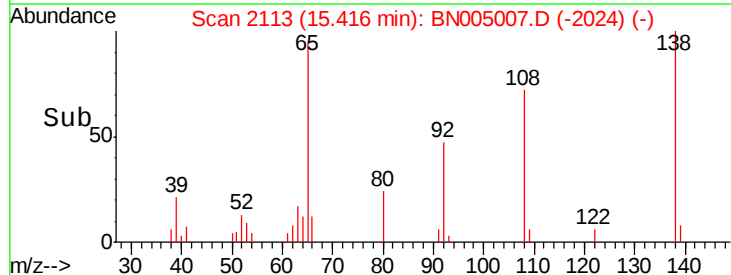
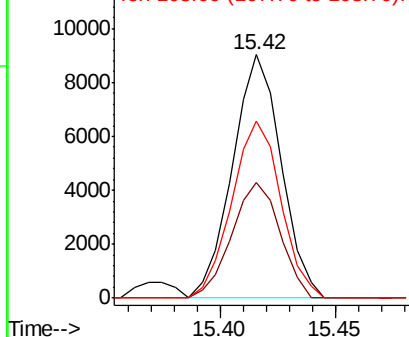


#62
 4-Nitroaniline
 Concen: 34.292 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion:138 Resp: 13239
 Ion Ratio Lower Upper
 138 100
 92 47.4 26.4 66.4
 108 72.5 50.8 90.8



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





#63

Azobenzene

Concen: 40.443 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

Tgt Ion: 77 Resp: 55504

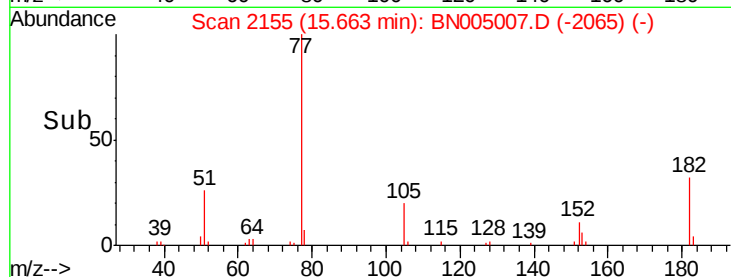
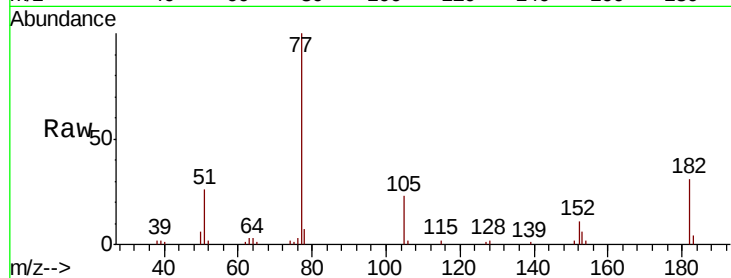
Ion Ratio Lower Upper

77 100

182 31.1 10.0 50.0

105 22.8 2.9 42.9

51 25.9 6.0 46.0

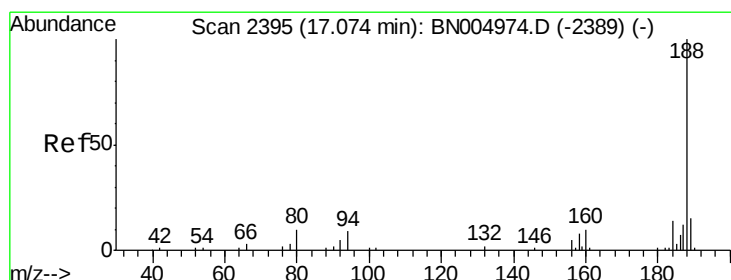
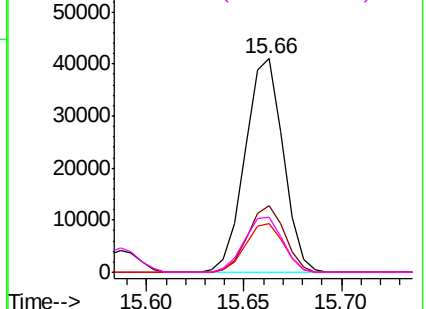


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

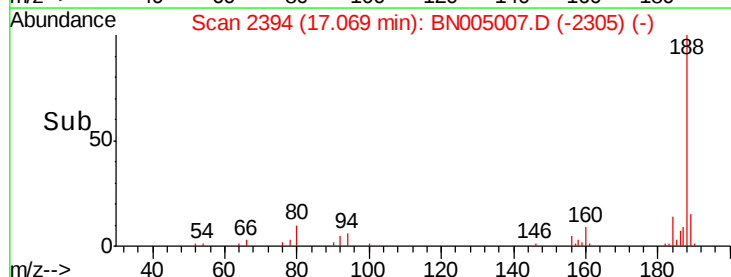
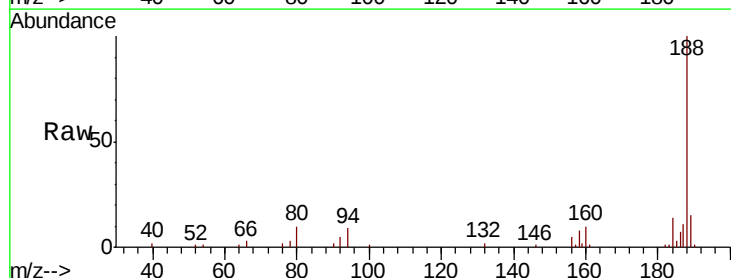
Tgt Ion: 188 Resp: 41715

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

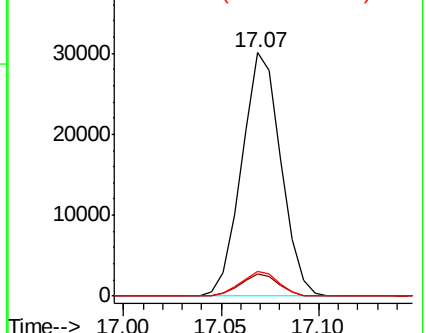
80 9.9 7.8 11.6



Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#65

4,6-Dinitro-2-methylphenol

Concen: 39.078 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

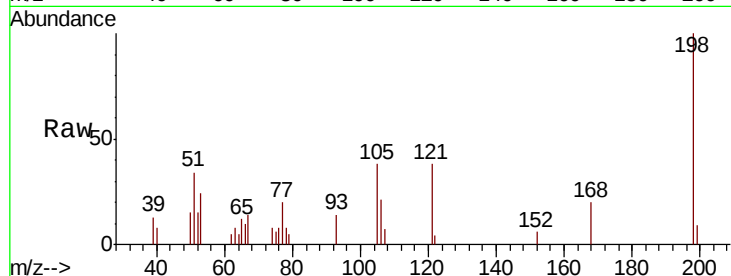
Tgt Ion:198 Resp: 10782

Ion Ratio Lower Upper

198 100

51 33.8 12.0 52.0

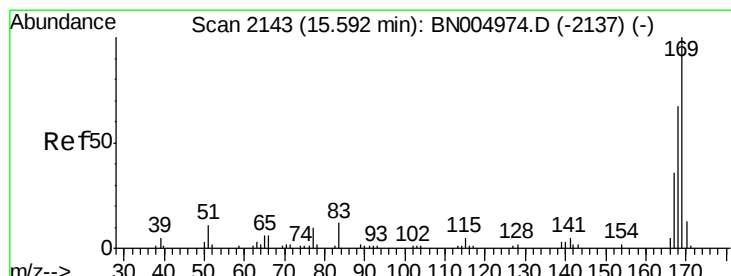
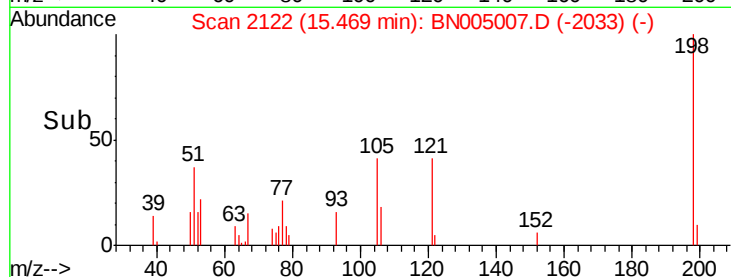
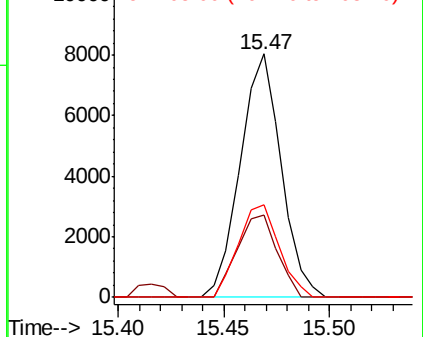
105 38.2 17.6 57.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.813 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

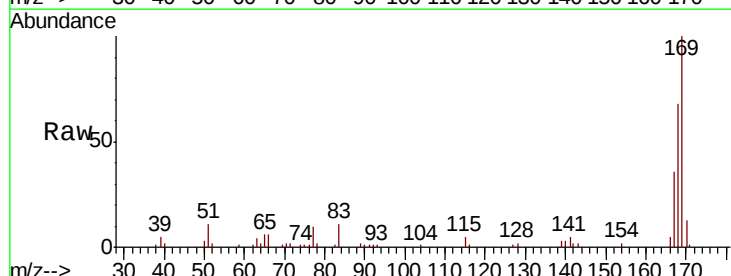
Tgt Ion:169 Resp: 56257

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.2

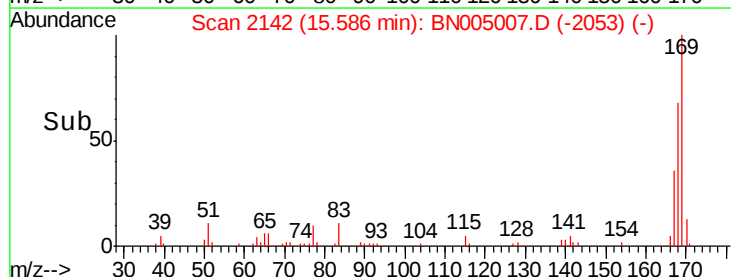
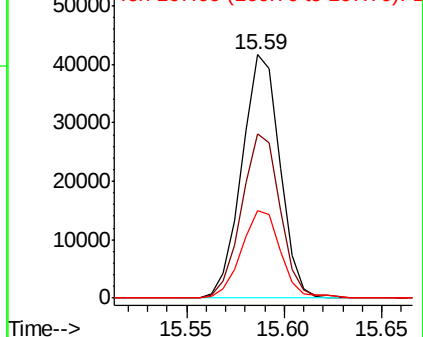
167 36.0 28.9 43.3



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

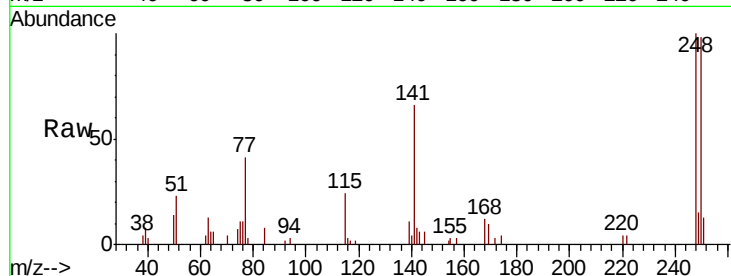




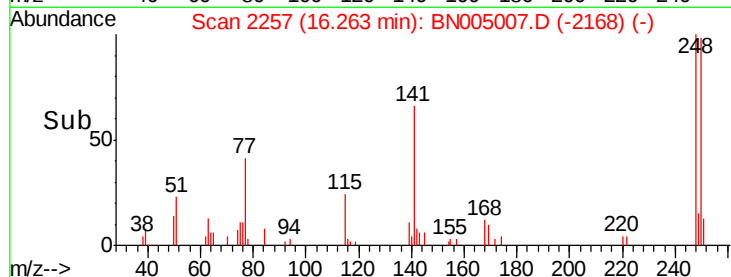
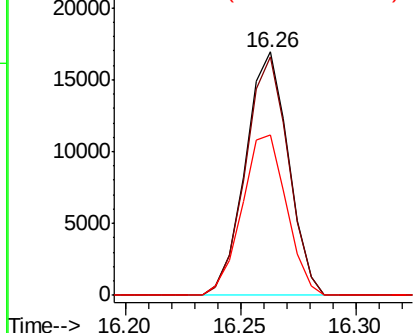
#67
 4-Bromophenyl-phenylether
 Concen: 42.212 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

Tgt Ion:248 Resp: 21974
 Ion Ratio Lower Upper
 248 100
 250 98.2 79.4 119.2
 141 65.9 52.3 78.5

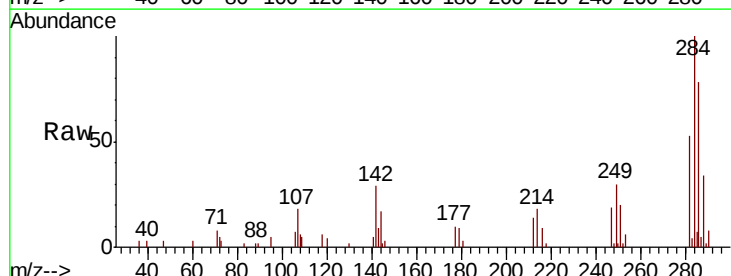


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

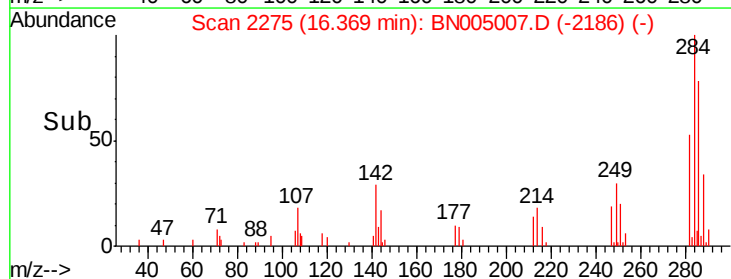
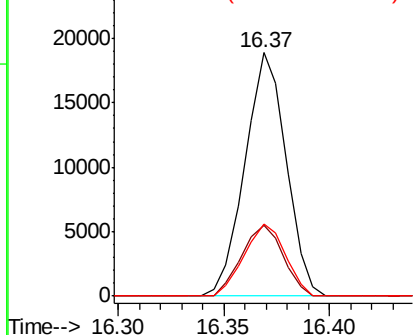


#68
 Hexachlorobenzene
 Concen: 41.972 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion:284 Resp: 25598
 Ion Ratio Lower Upper
 284 100
 142 29.3 23.5 35.3
 249 29.8 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.594 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

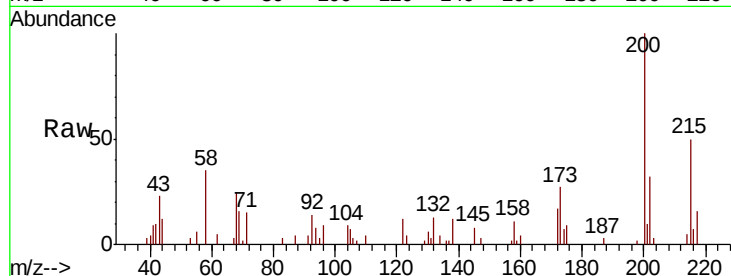
Tgt Ion:200 Resp: 19057

Ion Ratio Lower Upper

200 100

173 26.7 6.4 46.4

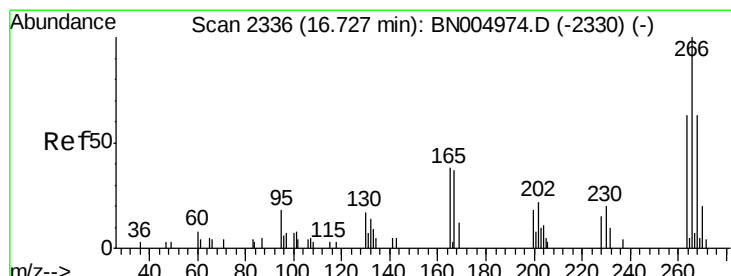
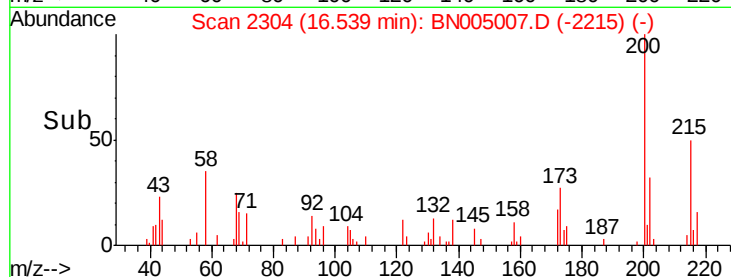
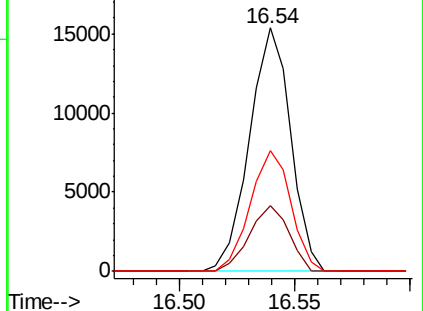
215 49.6 28.8 68.8



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



#70

Pentachlorophenol

Concen: 80.363 ng

RT: 16.72 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

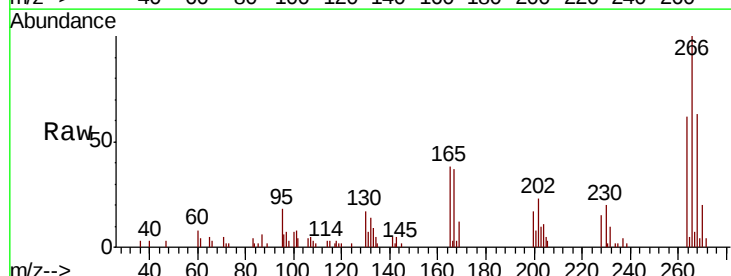
Tgt Ion:266 Resp: 25769

Ion Ratio Lower Upper

266 100

268 62.9 50.8 76.2

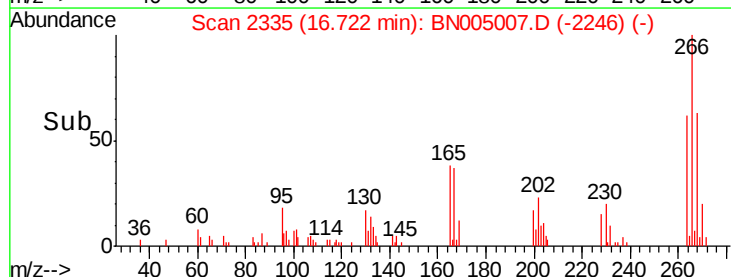
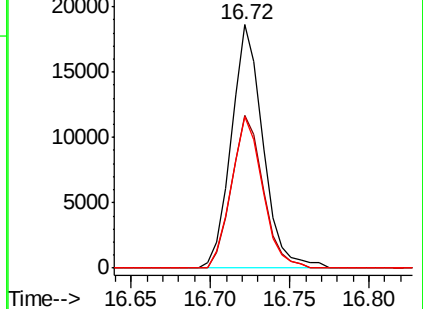
264 62.1 50.0 75.0

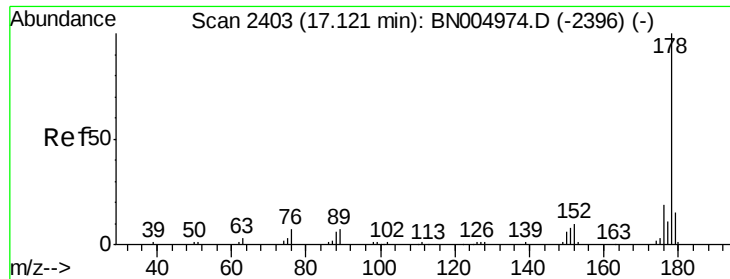


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

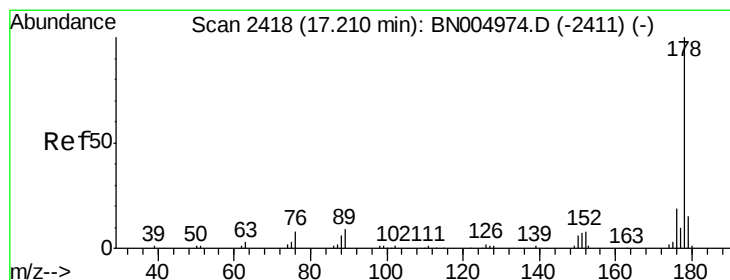
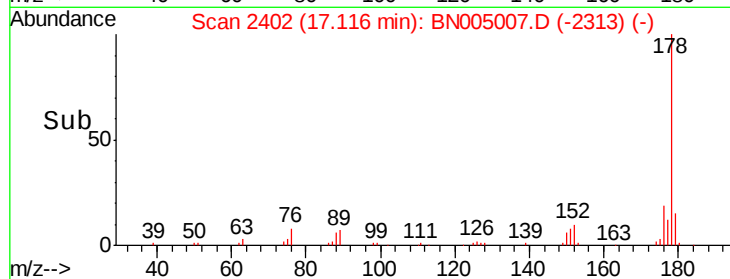
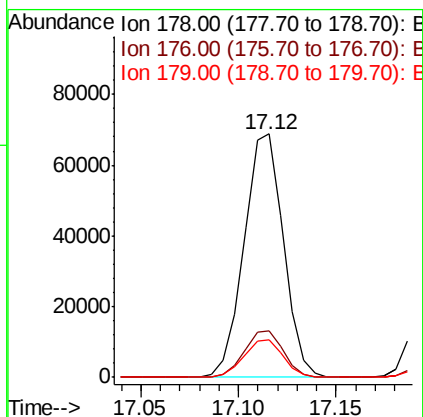
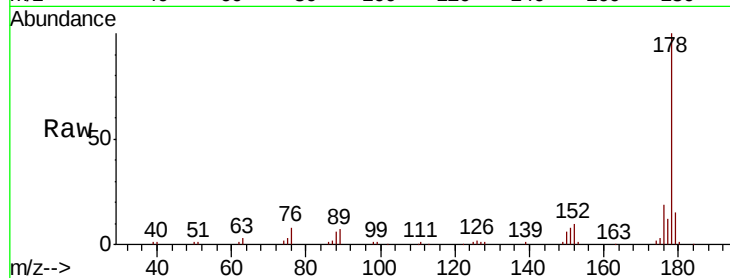




#71
Phenanthrene
Concen: 40.955 ng
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

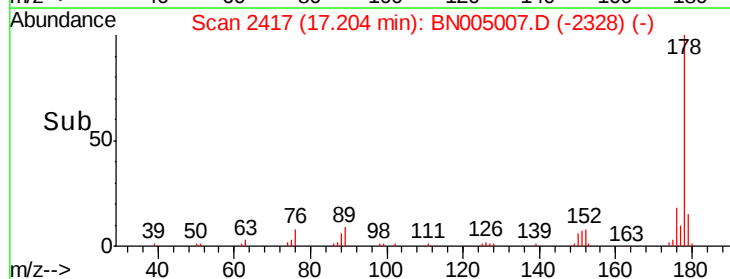
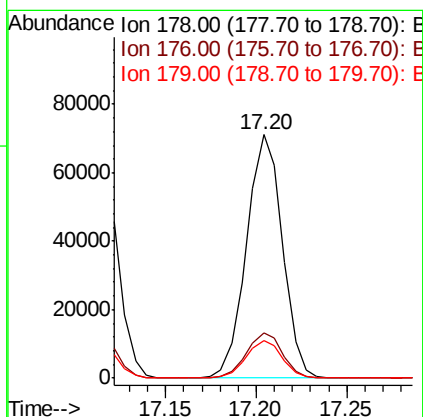
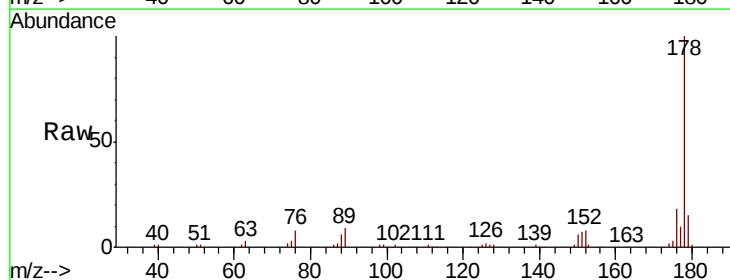
Instrument :
BNA_N
ClientSampleId :
PB118091BSD

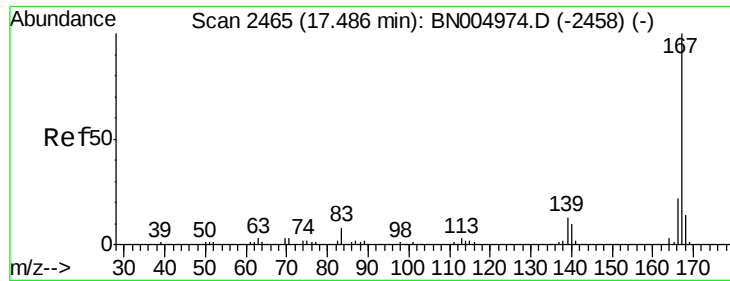
Tgt Ion:178 Resp: 95994
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.4 12.3 18.5



#72
Anthracene
Concen: 41.984 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Tgt Ion:178 Resp: 97951
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.2 12.3 18.5

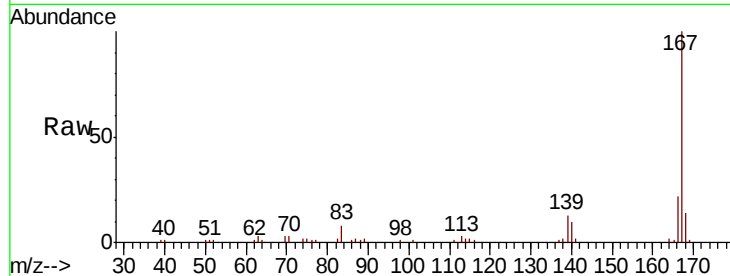




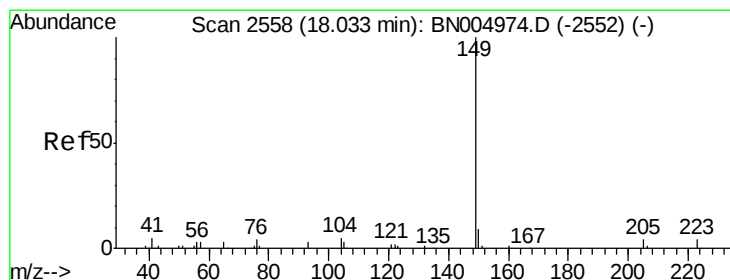
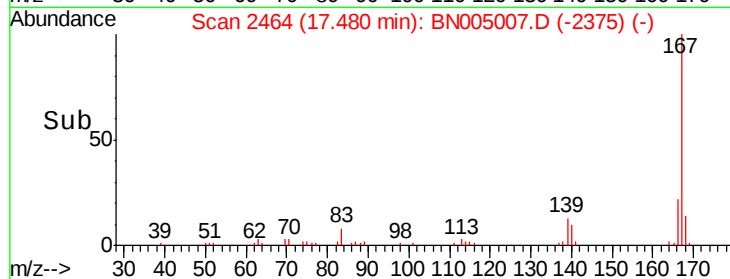
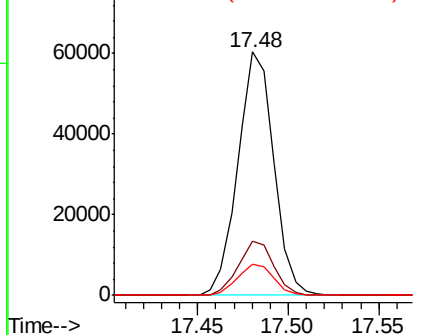
#73
 Carbazole
 Concen: 39.076 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

Tgt Ion:167 Resp: 82981
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.8
 139 12.9 10.6 16.0

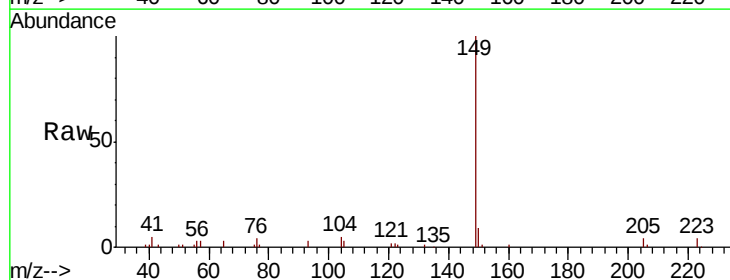


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

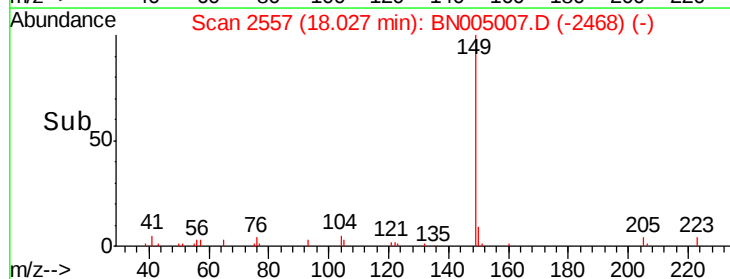
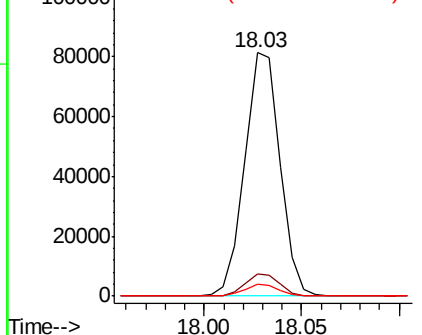


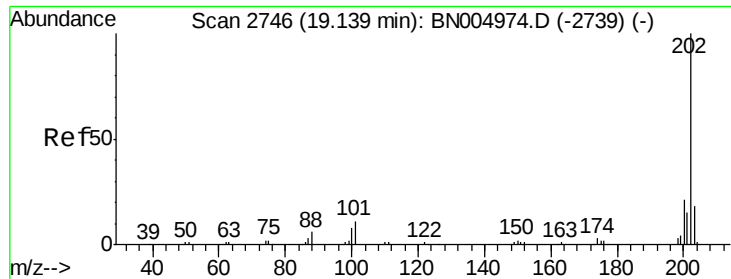
#74
 Di-n-butylphthalate
 Concen: 39.526 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion:149 Resp: 102249
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.7 3.7 5.5



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

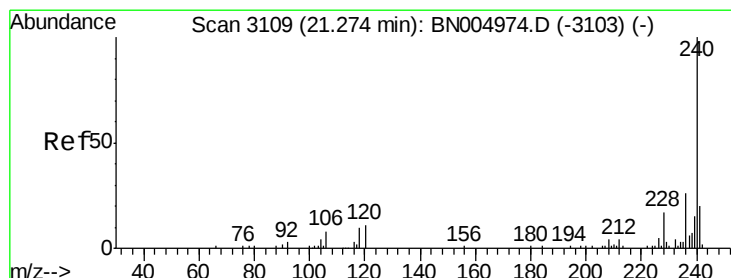
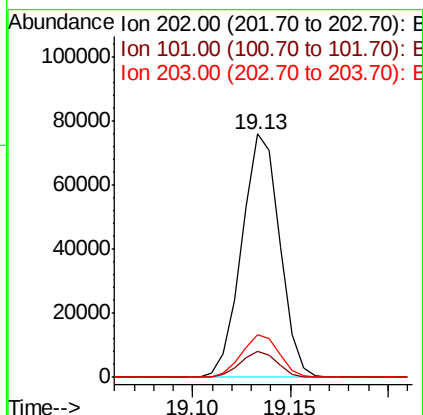
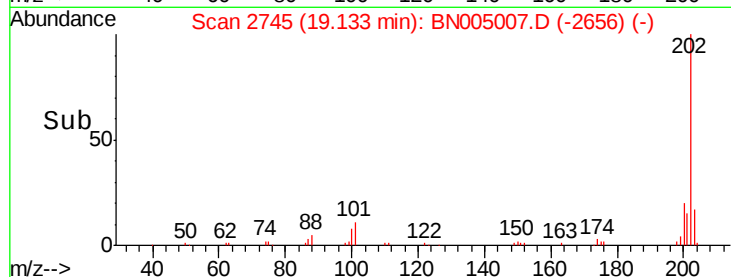
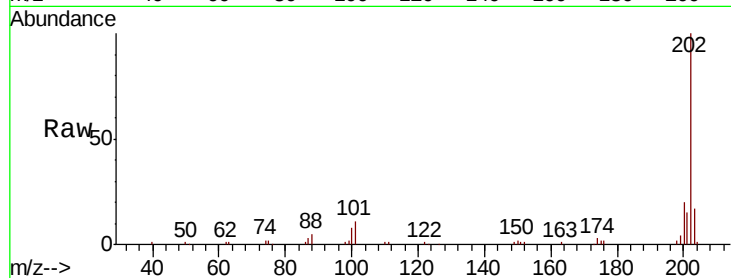




#75
 Fluoranthene
 Concen: 38.233 ng
 RT: 19.13 min Scan# 2745
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

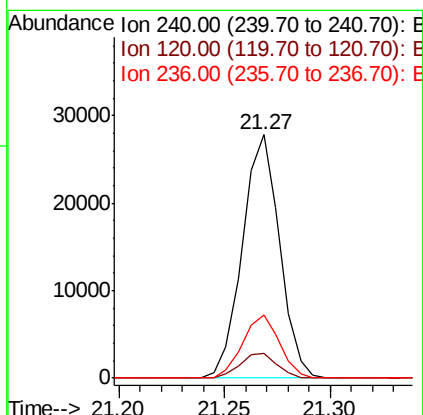
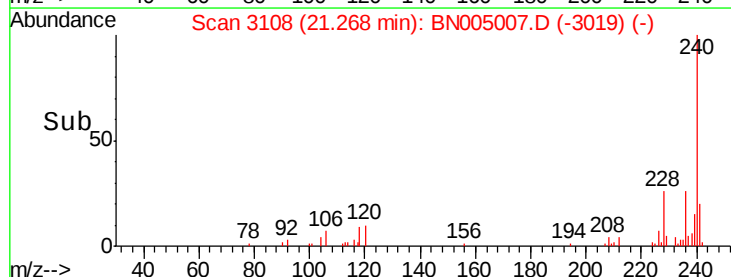
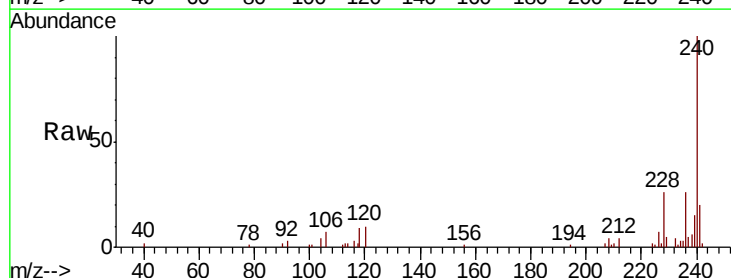
Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

Tgt Ion: 202 Resp: 102234
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 31.1
 203 17.5 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.27 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion: 240 Resp: 33932
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.5 12.7
 236 26.1 21.2 31.8





#77

Benzidine

Concen: 40.662 ng

RT: 19.33 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

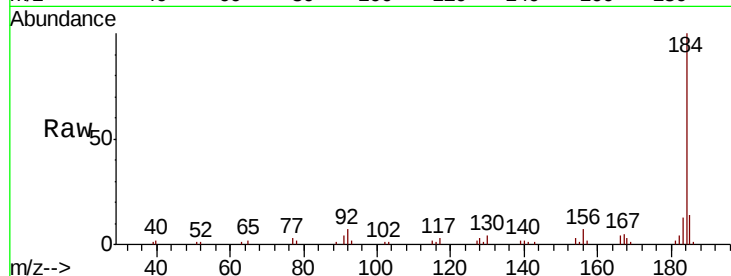
Tgt Ion:184 Resp: 42999

Ion Ratio Lower Upper

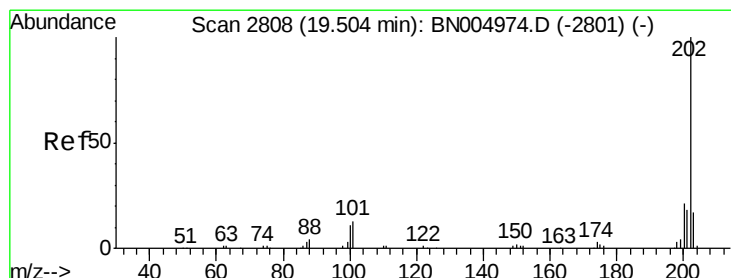
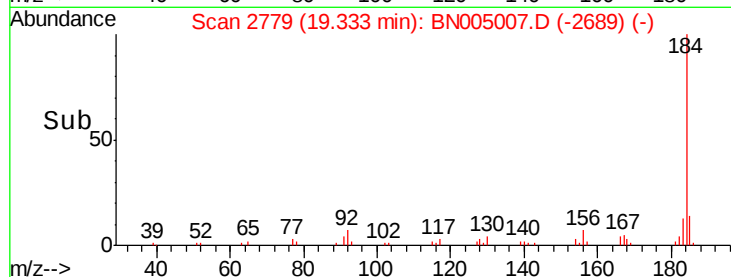
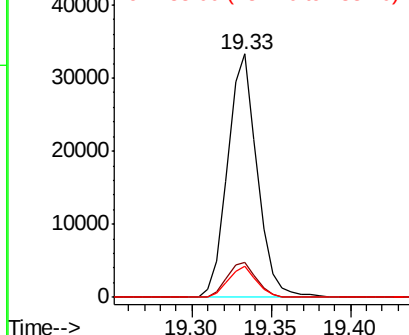
184 100

185 14.1 11.8 17.8

183 12.7 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.047 ng

RT: 19.50 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

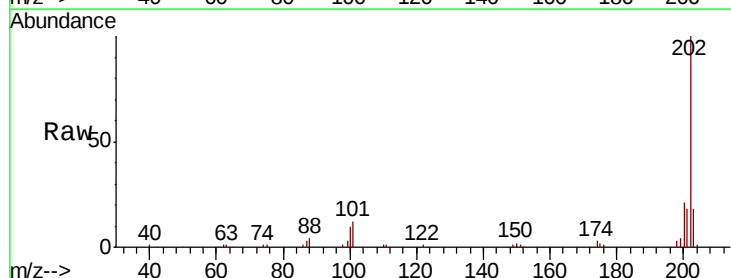
Tgt Ion:202 Resp: 102063

Ion Ratio Lower Upper

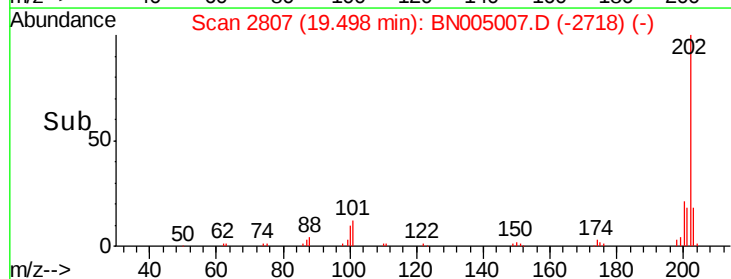
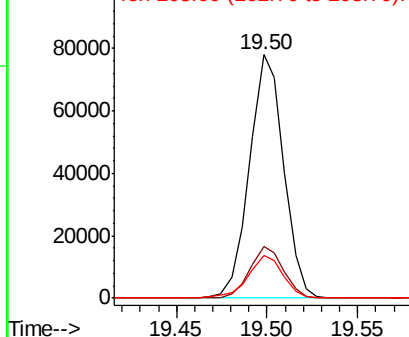
202 100

200 21.1 17.0 25.4

203 17.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.016 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

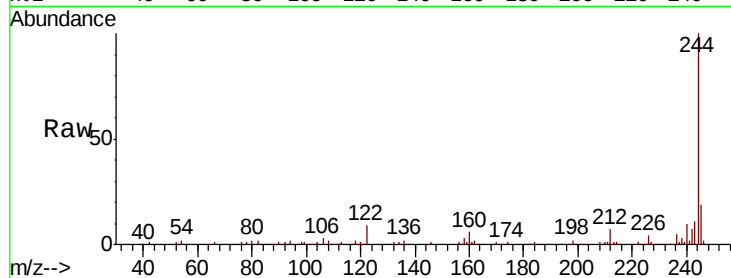
Tgt Ion:244 Resp: 155126

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

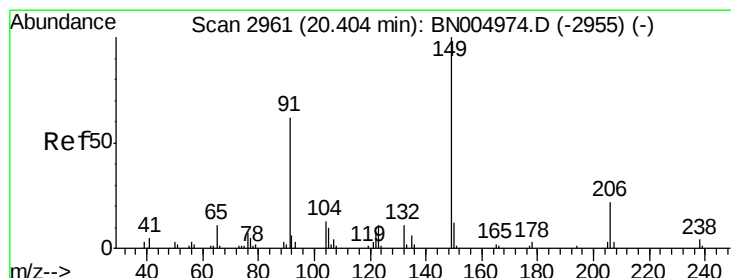
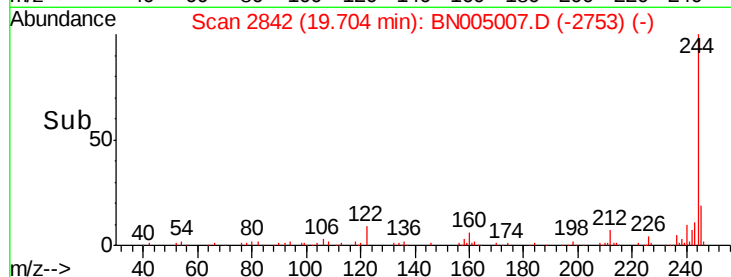
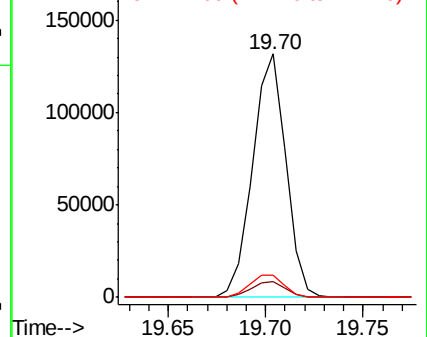
122 9.3 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.851 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

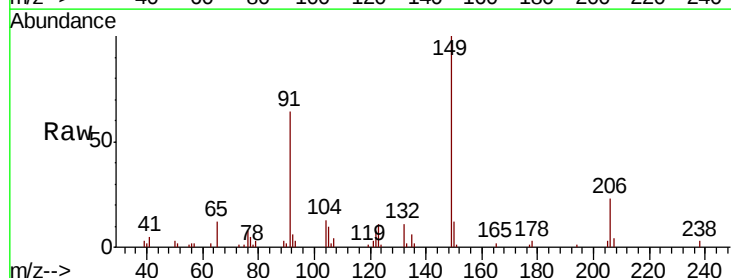
Tgt Ion:149 Resp: 38529

Ion Ratio Lower Upper

149 100

91 63.8 49.3 73.9

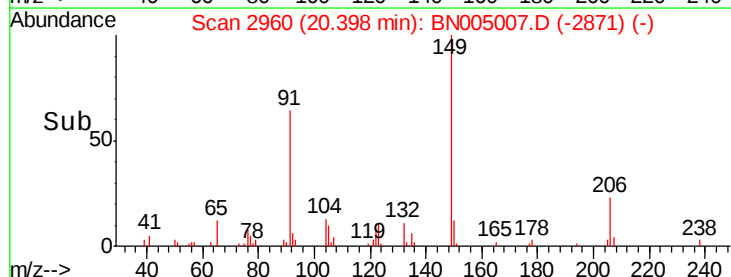
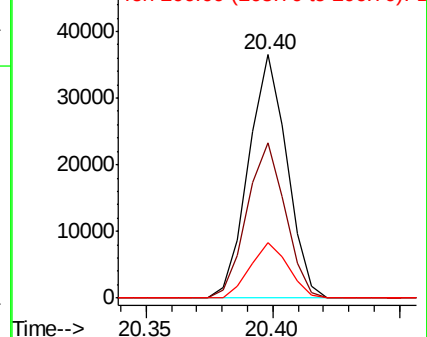
206 22.6 17.9 26.9

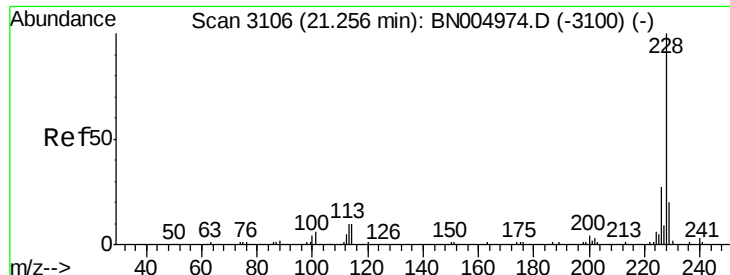


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.706 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

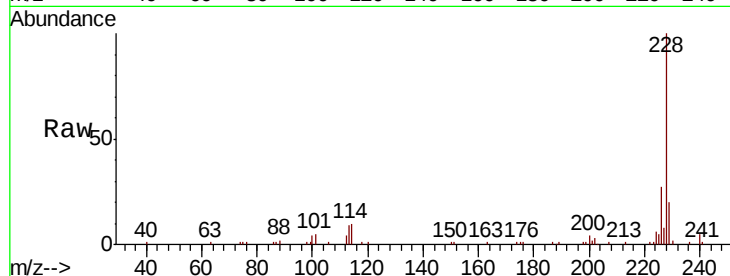
Tgt Ion:228 Resp: 86037

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

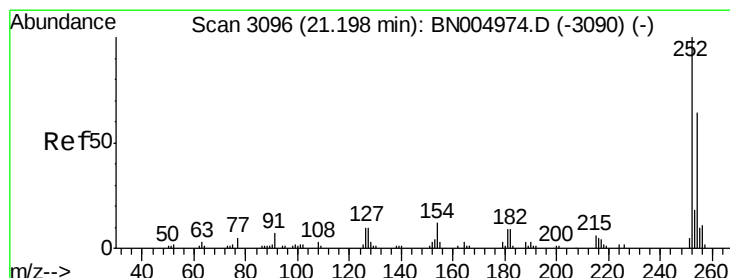
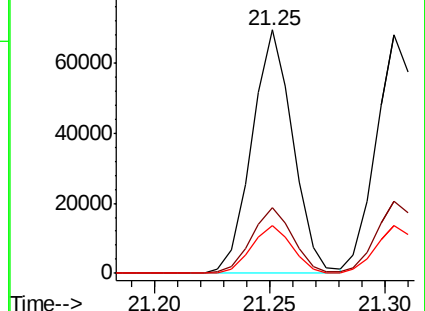
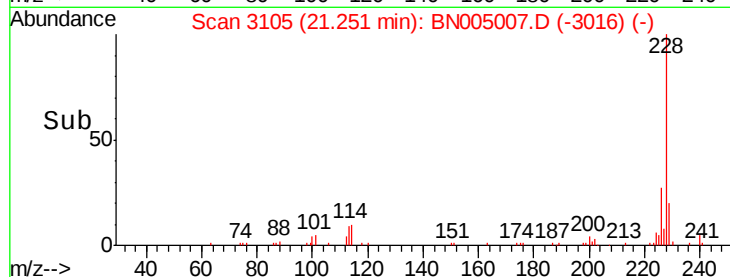
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.120 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

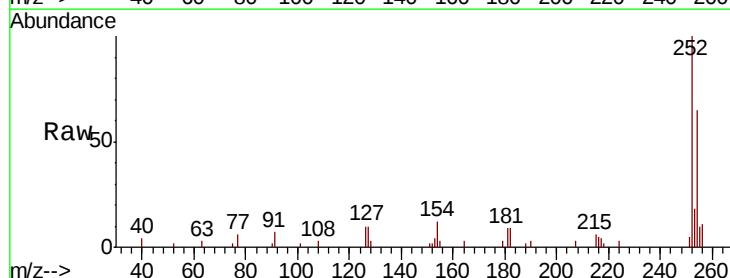
Tgt Ion:252 Resp: 19064

Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

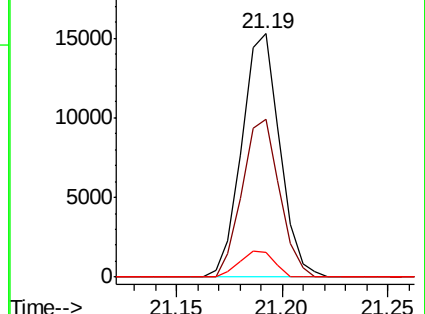
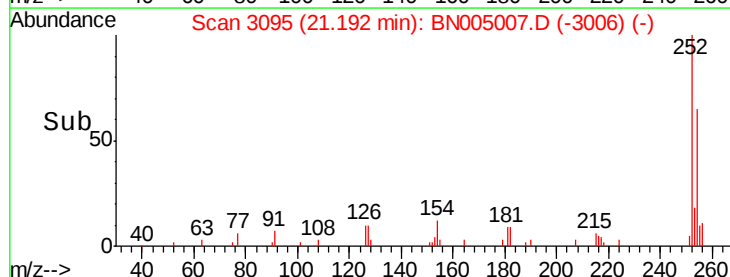
126 10.1 7.9 11.9

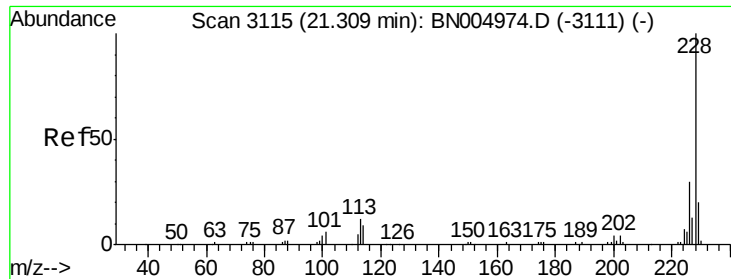


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

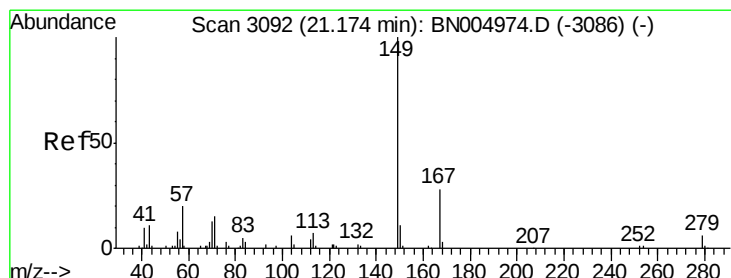
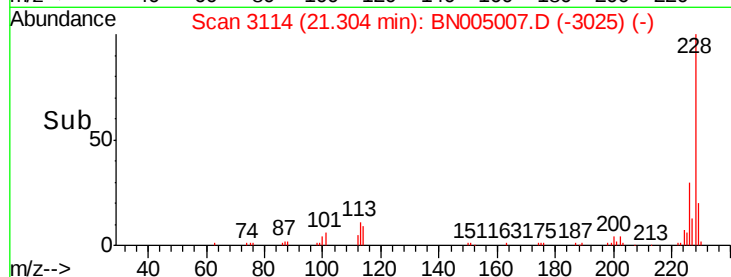
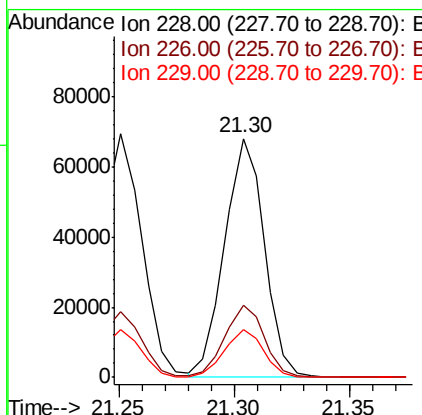
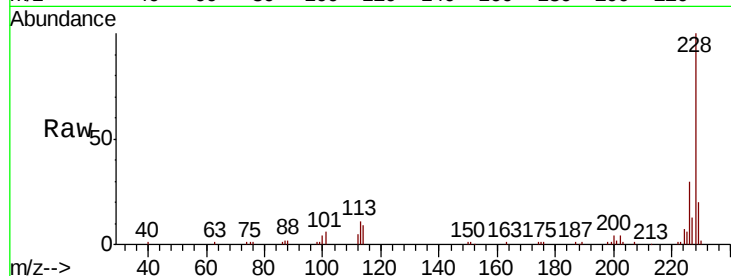




#83
Chrysene
 Concen: 40.521 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

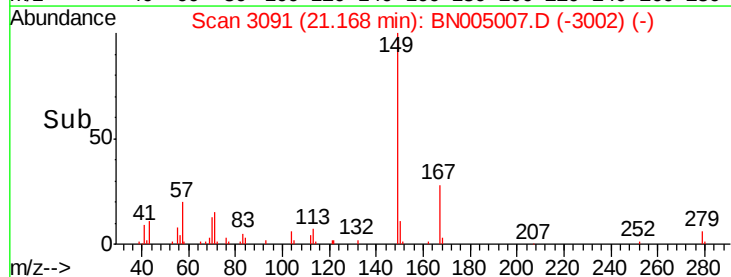
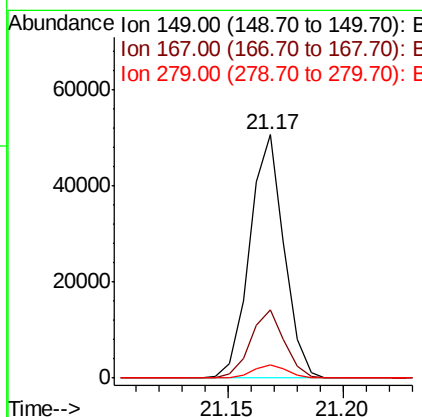
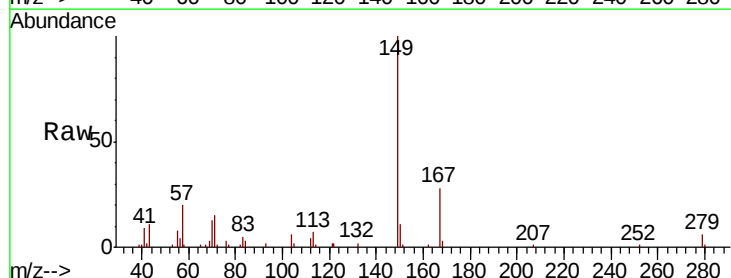
Instrument :
 BNA_N
 ClientSampleId :
 PB118091BSD

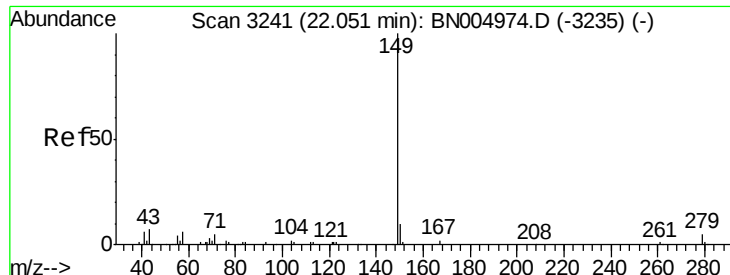
Tgt Ion:	228	Resp:	81806
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.9	15.8	23.8



#84
Bis(2-ethylhexyl)phthalate
 Concen: 41.197 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BN005007.D
 Acq: 27 Mar 2019 22:49

Tgt Ion:	149	Resp:	52476
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.5	33.7
279	5.6	4.5	6.7

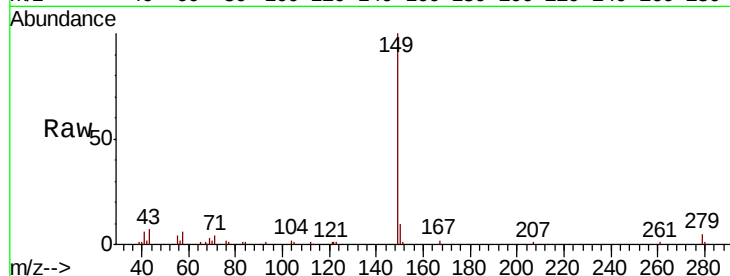




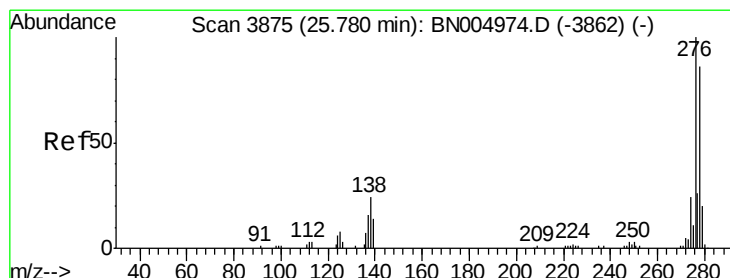
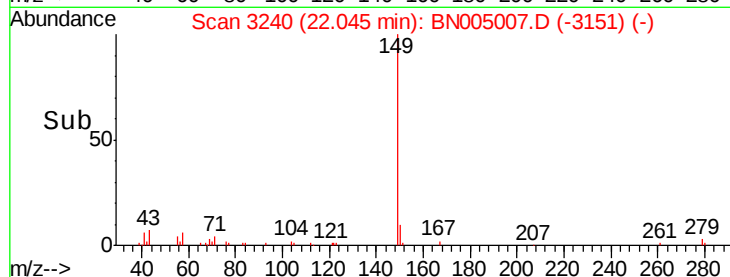
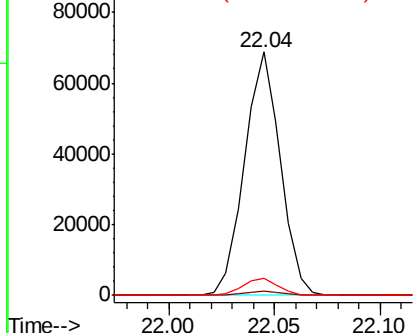
#85
Di-n-octyl phthalate
Concen: 39.348 ng
RT: 22.04 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Instrument :
BNA_N
ClientSampleId :
PB118091BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	6.9	5.8	8.6

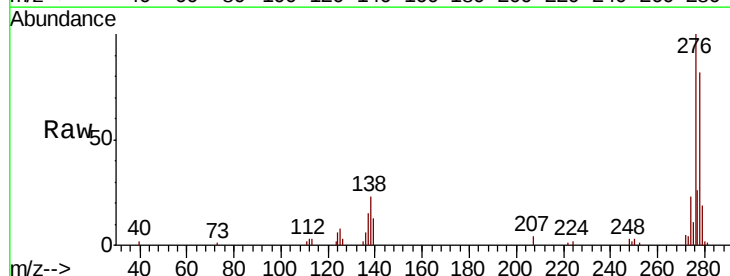


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC

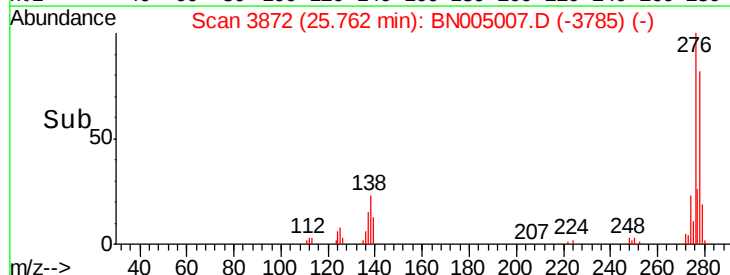
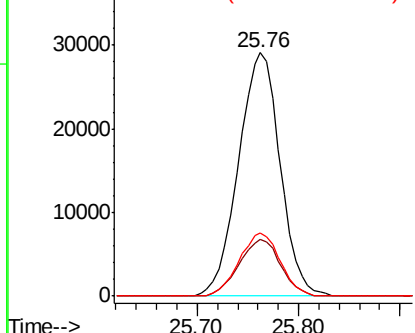


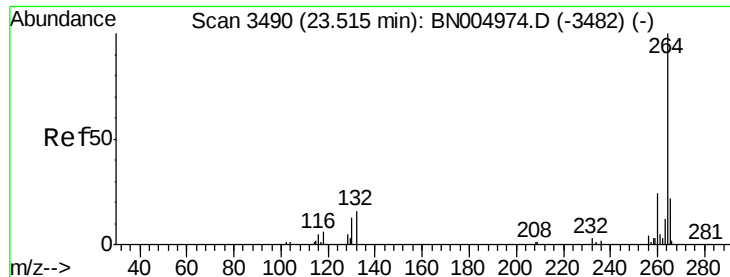
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.148 ng
RT: 25.76 min Scan# 3872
Delta R.T. -0.02 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.5	27.7
277	25.5	20.4	30.6



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

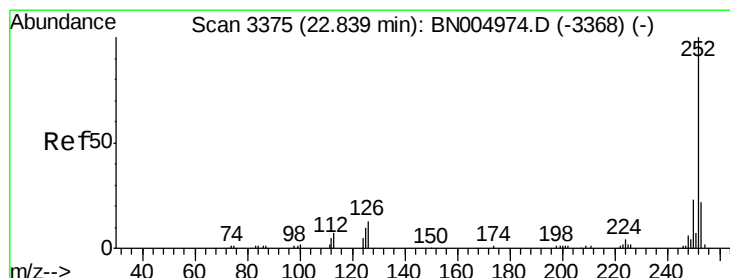
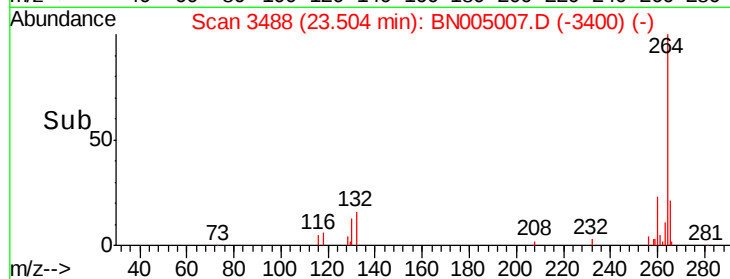
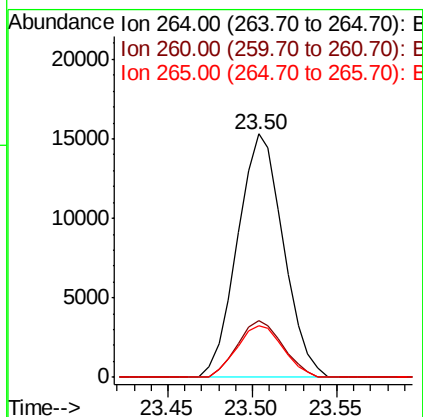
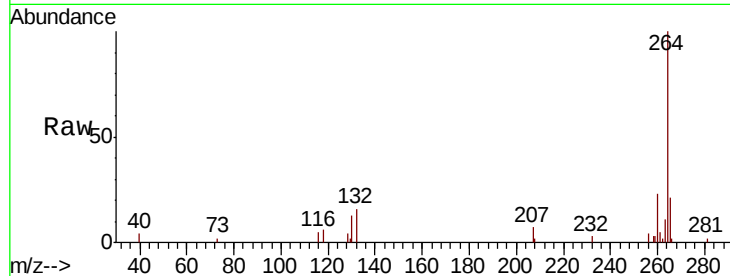




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

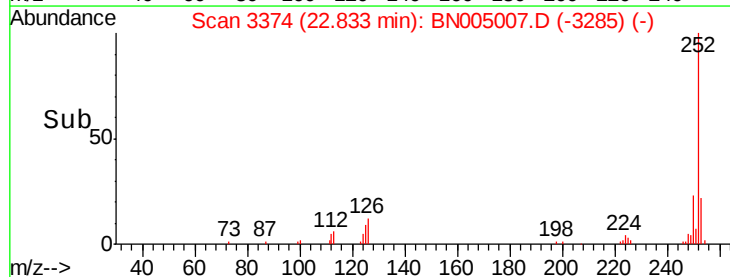
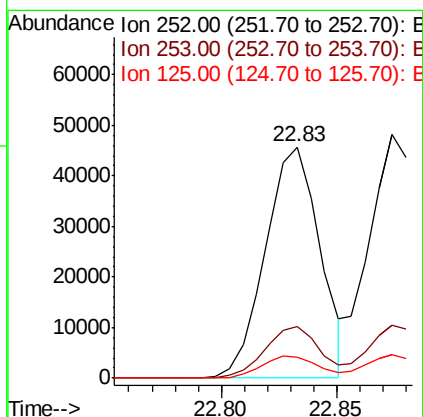
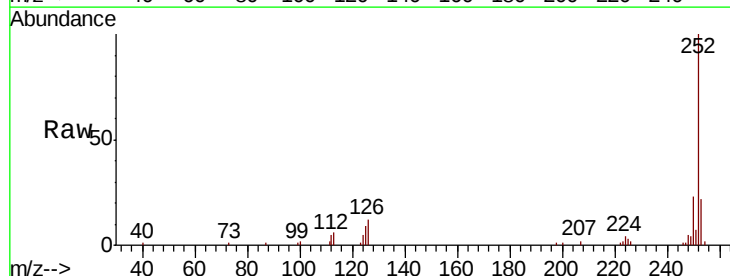
Instrument :
BNA_N
ClientSampleId :
PB118091BSD

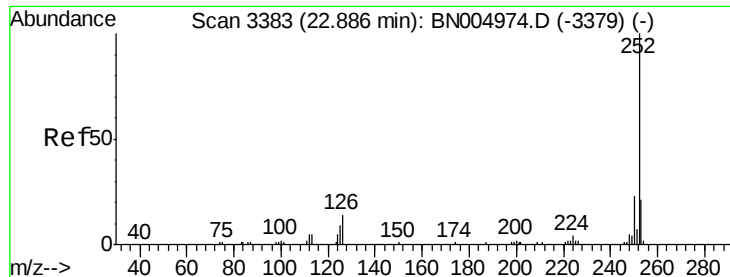
Tgt Ion:264 Resp: 28836
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.2 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 42.254 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BN005007.D
Acq: 27 Mar 2019 22:49

Tgt Ion:252 Resp: 74998
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 46.895 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

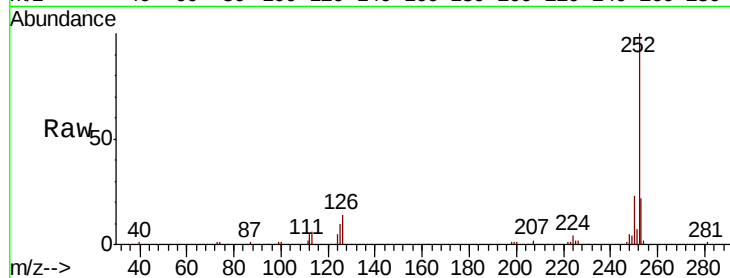
Tgt Ion:252 Resp: 76329

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

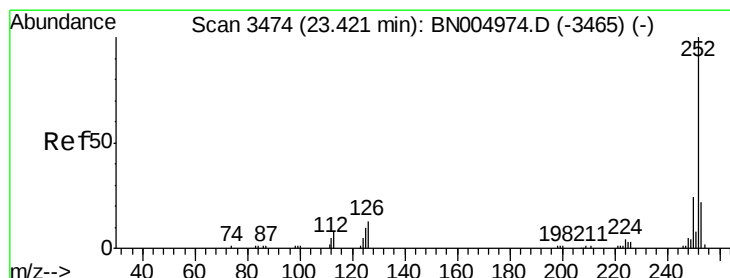
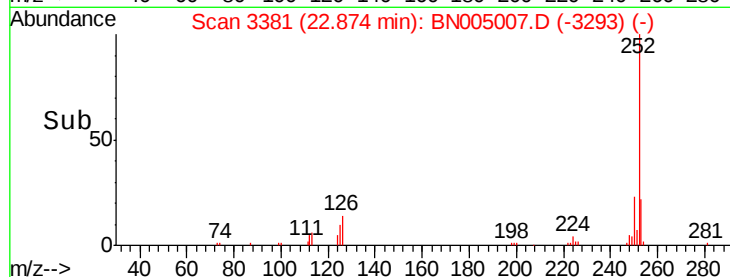
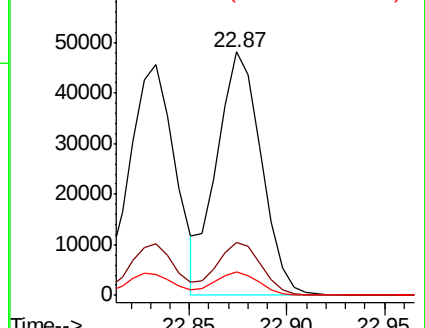
125 9.6 7.6 11.4



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



#90

Benzo(a)pyrene

Concen: 44.320 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

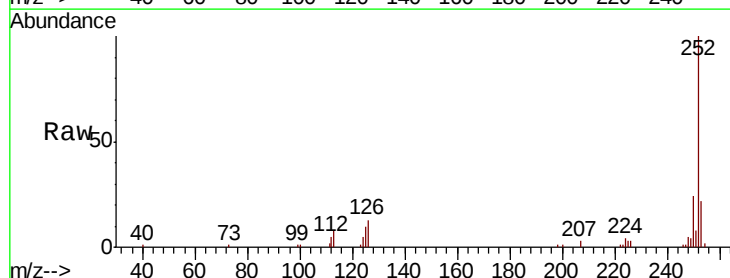
Tgt Ion:252 Resp: 71986

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

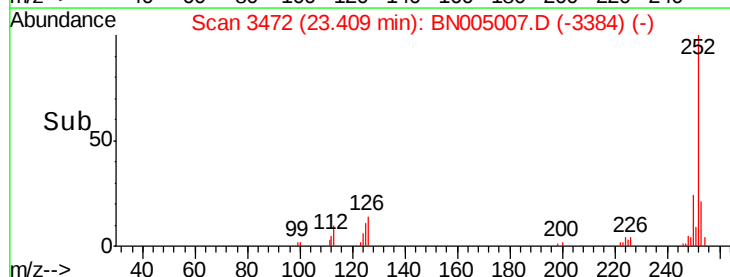
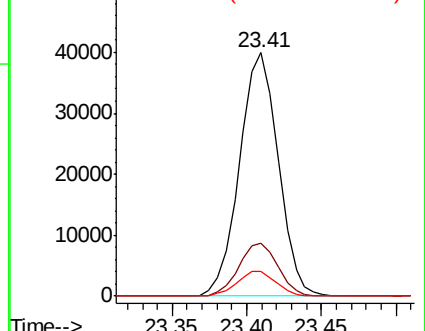
125 10.1 8.2 12.4

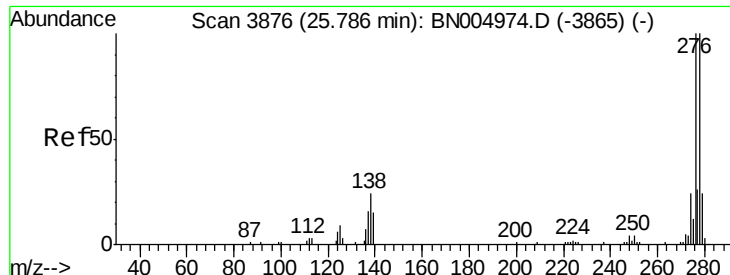


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.663 ng

RT: 25.77 min Scan# 3873

Delta R.T. -0.02 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

Instrument :

BNA_N

ClientSampleId :

PB118091BSD

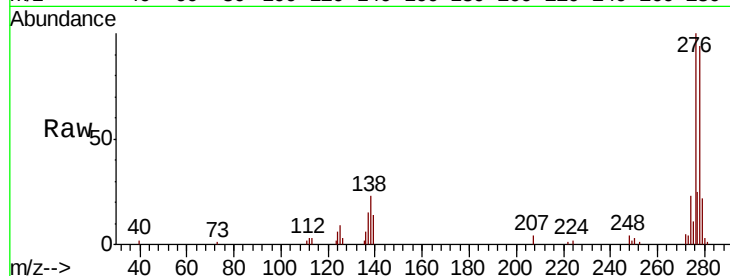
Tgt Ion:278 Resp: 69567

Ion Ratio Lower Upper

278 100

139 15.4 11.8 17.8

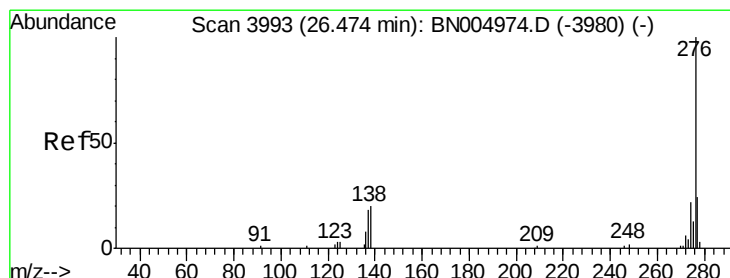
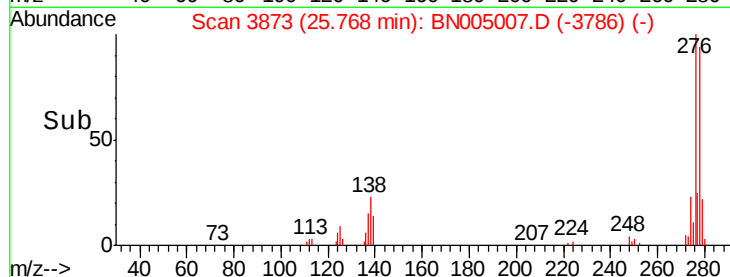
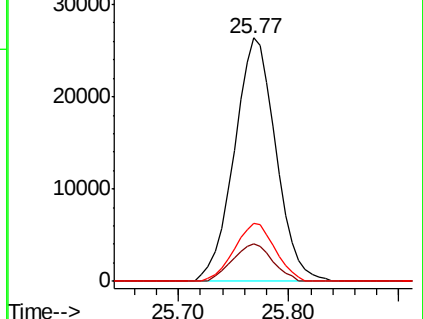
279 23.8 19.3 28.9



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



#92

Benzo(g,h,i)perylene

Concen: 42.966 ng

RT: 26.46 min Scan# 3990

Delta R.T. -0.02 min

Lab File: BN005007.D

Acq: 27 Mar 2019 22:49

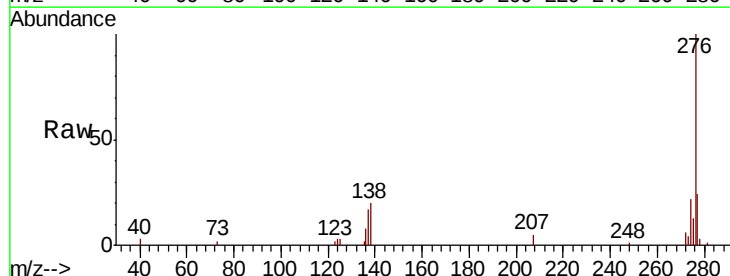
Tgt Ion:276 Resp: 69288

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 19.9 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

