

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN005003.D
 Acq On : 27 Mar 2019 20:27
 Operator : JU/SJ
 Sample : PB118322BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

Quant Time: Mar 28 04:51:28 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	9267	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	36917	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	19383	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	37599	20.00	ng	0.00
76) Chrysene-d12	21.27	240	30481	20.00	ng	0.00
87) Perylene-d12	23.50	264	27952	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	69155	129.02	ng	0.00
7) Phenol-d6	6.86	99	86104	121.12	ng	0.00
23) Nitrobenzene-d5	8.84	82	46724	76.56	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	37233	119.10	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	118612	81.09	ng	0.00
79) Terphenyl-d14	19.70	244	135781	85.76	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	10550	54.011	ng	# 92
3) Pyridine	3.60	79	19942	36.533	ng	100
4) n-Nitrosodimethylamine	3.52	42	7032	39.516	ng	94
6) Aniline	7.02	93	29307	32.372	ng	100
8) 2-Chlorophenol	7.25	128	27019	39.709	ng	99
9) Benzaldehyde	6.83	77	7498	18.354	ng	97
10) Phenol	6.88	94	30250	39.709	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	22052	37.434	ng	98
12) 1,3-Dichlorobenzene	7.56	146	28505	38.450	ng	99
13) 1,4-Dichlorobenzene	7.71	146	29134	38.824	ng	99
14) 1,2-Dichlorobenzene	8.02	146	27782	38.686	ng	99
15) Benzyl Alcohol	7.92	79	20025	37.024	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	26427	37.182	ng	100
17) 2-Methylphenol	8.12	107	21233	39.981	ng	98
18) Hexachloroethane	8.73	117	10035	37.729	ng	99
19) n-Nitroso-di-n-propylamine	8.48	70	16647	35.719	ng	99
20) 3+4-Methylphenols	8.45	107	27943	38.752	ng	100
22) Acetophenone	8.50	105	35810	42.493	ng	100
24) Nitrobenzene	8.88	77	25224	40.840	ng	99
25) Isophorone	9.39	82	45744	38.476	ng	100
26) 2-Nitrophenol	9.59	139	14234	39.691	ng	98
27) 2,4-Dimethylphenol	9.64	122	23626	47.319	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	29466	40.001	ng	99
29) 2,4-Dichlorophenol	10.12	162	24226	42.217	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	26692	42.226	ng	100
31) Naphthalene	10.51	128	79358	41.201	ng	100
32) Benzoic acid	9.80	122	12122	32.218	ng	99
33) 4-Chloroaniline	10.63	127	14467	18.461	ng	99
34) Hexachlorobutadiene	10.78	225	16604	40.595	ng	99
35) Caprolactam	11.42	113	6300	33.529	ng	99
36) 4-Chloro-3-methylphenol	11.76	107	23926	38.596	ng	99
37) 2-Methylnaphthalene	12.13	142	56037	41.200	ng	99
38) 1-Methylnaphthalene	12.35	142	53310	40.056	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	30079	43.752	ng	99

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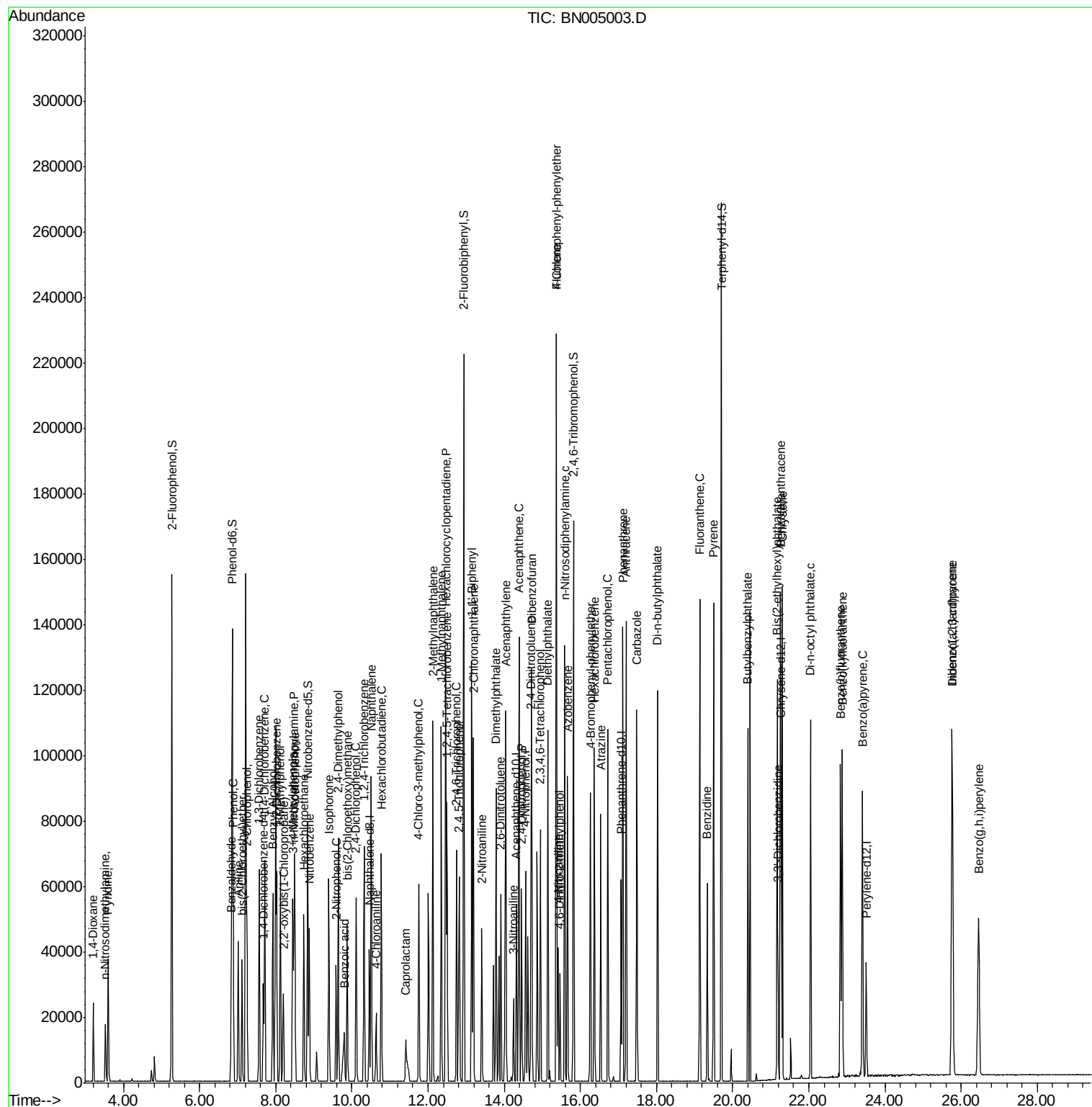
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	42631	107.920	ng	98
43) 2,4,6-Trichlorophenol	12.75	196	18699	43.834	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	19597	42.168	ng	98
46) 1,1'-Biphenyl	13.15	154	70587	43.028	ng	100
47) 2-Chloronaphthalene	13.19	162	54595	43.367	ng	98
48) 2-Nitroaniline	13.42	65	13028	38.876	ng	98
49) Acenaphthylene	14.05	152	85678	40.464	ng	100
50) Dimethylphthalate	13.78	163	64120	40.265	ng	100
51) 2,6-Dinitrotoluene	13.92	165	14298	39.458	ng	96
52) Acenaphthene	14.39	154	49669	41.700	ng	99
53) 3-Nitroaniline	14.25	138	7456	20.132	ng	99
54) 2,4-Dinitrophenol	14.46	184	15044	70.545	ng	99
55) Dibenzofuran	14.72	168	78613	41.477	ng	99
56) 4-Nitrophenol	14.56	139	20546	70.420	ng	96
57) 2,4-Dinitrotoluene	14.70	165	18743	38.061	ng	99
58) Fluorene	15.37	166	61490	40.161	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	17559	40.750	ng	# 100
60) Diethylphthalate	15.15	149	61500	38.702	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	32619	41.298	ng	100
62) 4-Nitroaniline	15.42	138	11963	32.149	ng	98
63) Azobenzene	15.66	77	51827	39.180	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	9644	38.804	ng	99
66) n-Nitrosodiphenylamine	15.59	169	52443	44.280	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	20439	43.562	ng	99
68) Hexachlorobenzene	16.37	284	23888	43.456	ng	100
69) Atrazine	16.54	200	17007	40.193	ng	100
70) Pentachlorophenol	16.72	266	22841	79.029	ng	98
71) Phenanthrene	17.12	178	87937	41.624	ng	99
72) Anthracene	17.20	178	89535	42.578	ng	99
73) Carbazole	17.48	167	74855	39.108	ng	99
74) Di-n-butylphthalate	18.03	149	89800	38.514	ng	100
75) Fluoranthene	19.13	202	89641	37.193	ng	99
77) Benzidine	19.33	184	38209	40.223	ng	100
78) Pyrene	19.50	202	90364	44.399	ng	99
80) Butylbenzylphthalate	20.40	149	33217	40.166	ng	99
81) Benzo(a)anthracene	21.25	228	76808	40.454	ng	99
82) 3,3'-Dichlorobenzidine	21.19	252	16664	23.471	ng	99
83) Chrysene	21.30	228	72887	40.191	ng	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	44961	39.293	ng	99
85) Di-n-octyl phthalate	22.05	149	72993	39.528	ng	99
86) Indeno(1,2,3-cd)pyrene	25.76	276	81961	39.781	ng	100
88) Benzo(b)fluoranthene	22.83	252	74987	43.584	ng	99
89) Benzo(k)fluoranthene	22.87	252	69276	43.908	ng	99
90) Benzo(a)pyrene	23.41	252	69077	43.874	ng	99
91) Dibenzo(a,h)anthracene	25.77	278	68913	43.598	ng	99
92) Benzo(g,h,i)perylene	26.46	276	68379	43.743	ng	99

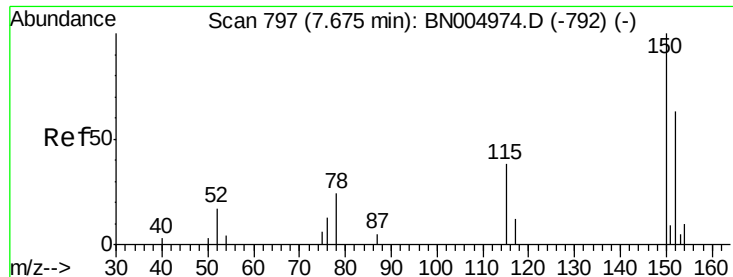
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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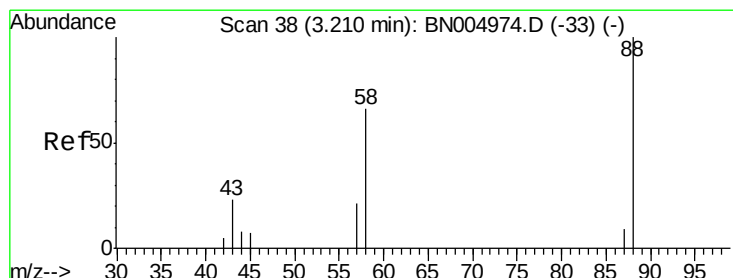
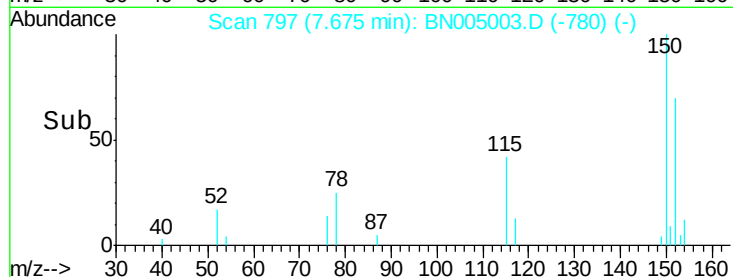
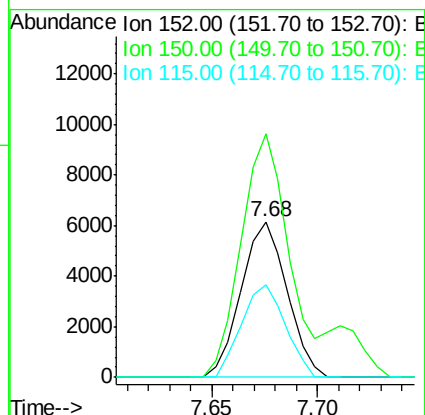
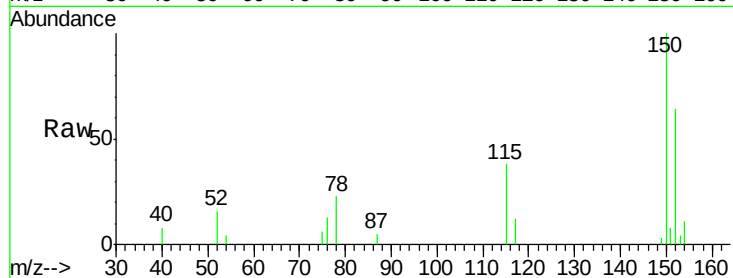


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Instrument :
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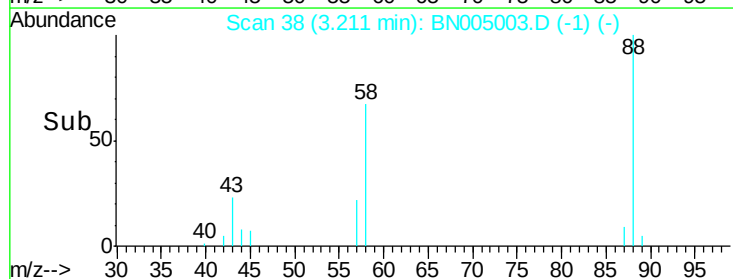
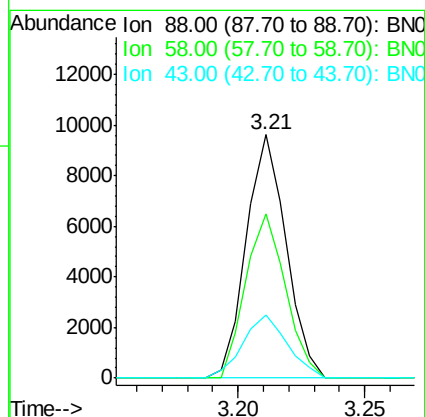
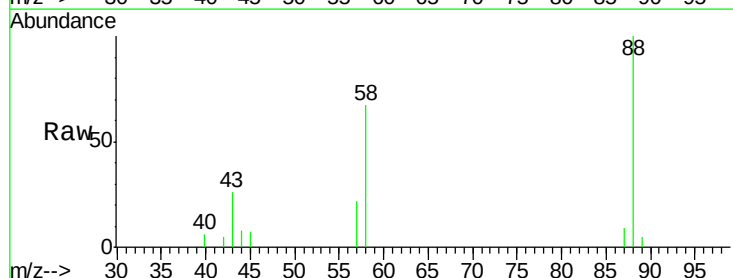
Tot Ion:152 Resp: 9267
Ion Ratio Lower Upper
152 100
150 156.3 126.9 190.3
115 59.7 47.8 71.6

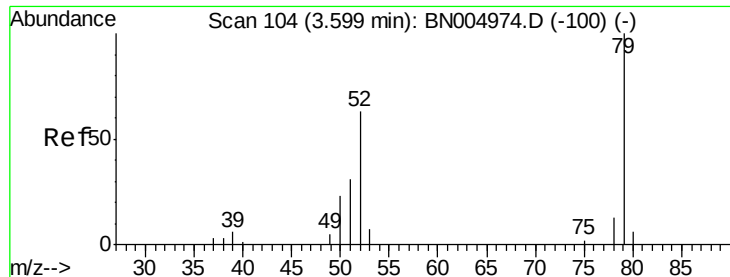


#2

1,4-Dioxane
Concen: 54.011 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion: 88 Resp: 10550
Ion Ratio Lower Upper
88 100
58 67.4 51.0 76.6
43 28.9 16.7 25.1#

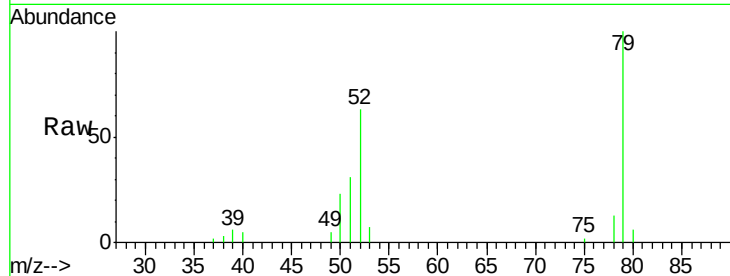




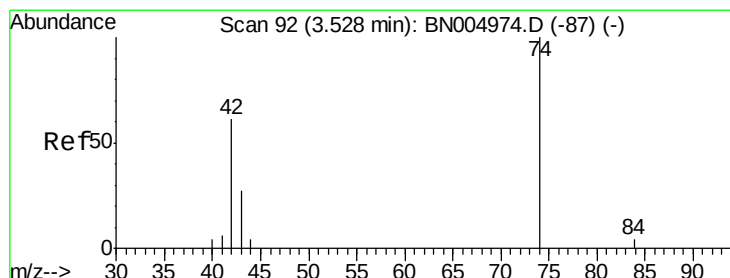
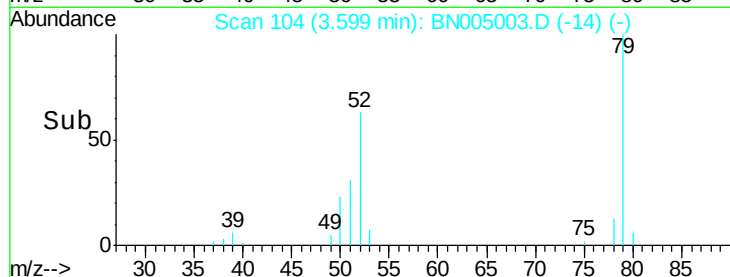
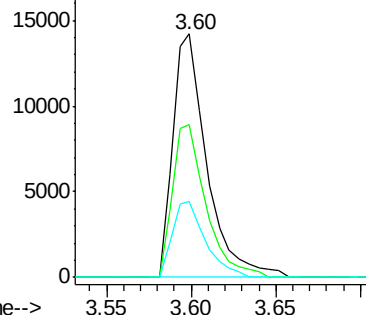
#3
 Pvridine
 Concen: 36.533 ng
 RT: 3.60 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

Tot Ion: 79 Resp: 19942
 Ion Ratio Lower Upper
 79 100
 52 62.5 50.2 75.4
 51 31.0 25.0 37.4

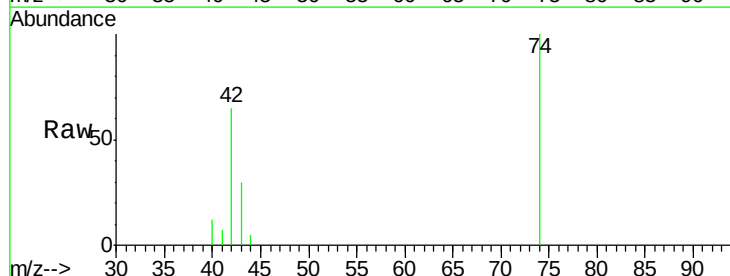


Abundance Ion 79.00 (78.70 to 79.70): BN0
 Ion 52.00 (51.70 to 52.70): BN0
 Ion 51.00 (50.70 to 51.70): BN0

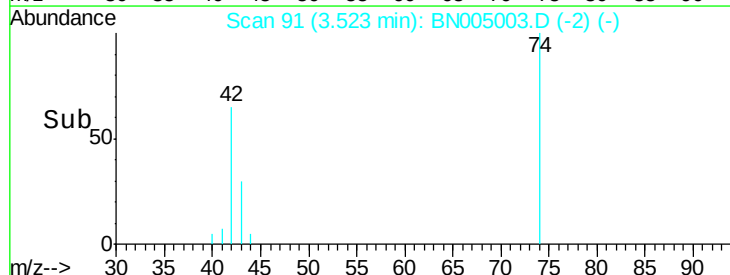
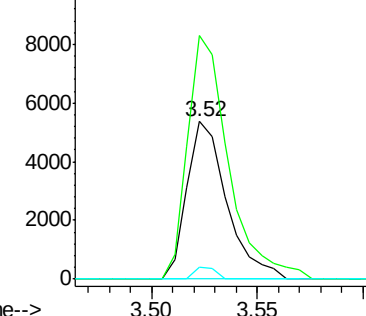


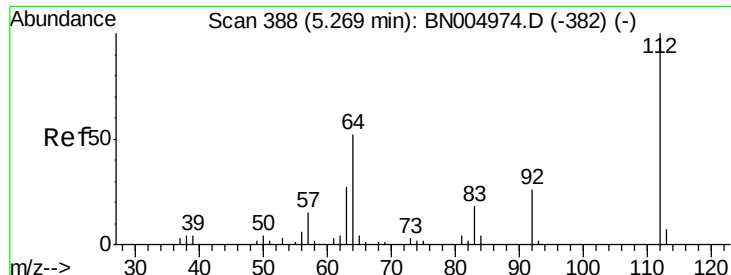
#4
 n-Nitrosodimethylamine
 Concen: 39.516 ng
 RT: 3.52 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion: 42 Resp: 7032
 Ion Ratio Lower Upper
 42 100
 74 154.8 130.8 196.2
 44 7.2 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 129.019 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

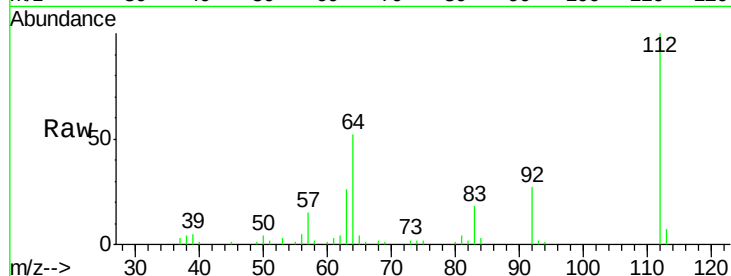
Tot Ion: 112 Resp: 69155

Ion Ratio Lower Upper

112 100

64 52.0 41.9 62.9

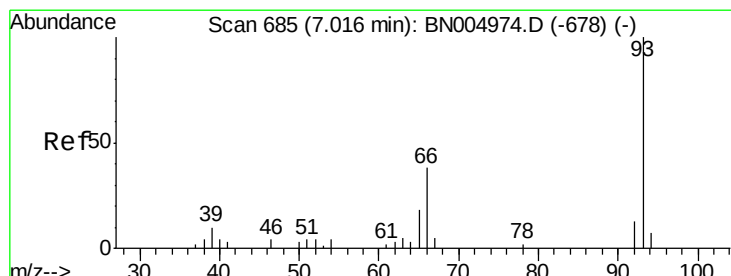
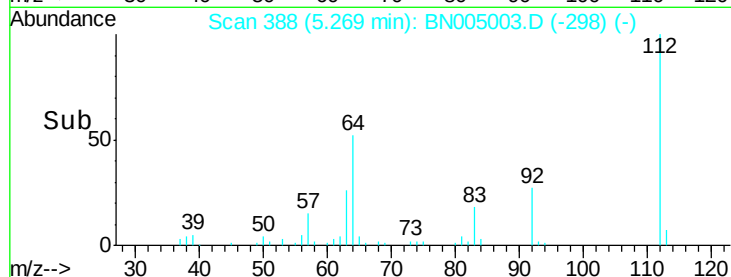
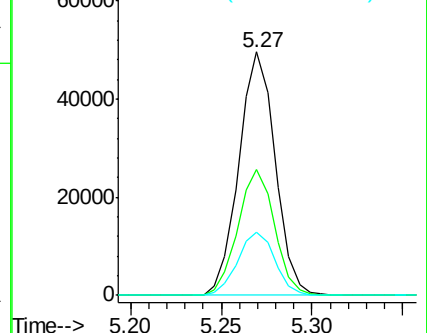
63 26.2 21.4 32.0



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: 32.372 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

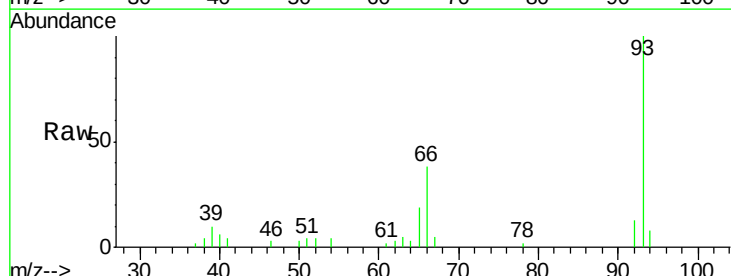
Tgt Ion: 93 Resp: 29307

Ion Ratio Lower Upper

93 100

66 37.9 30.2 45.4

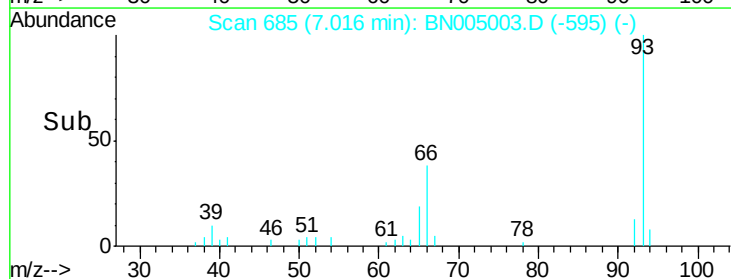
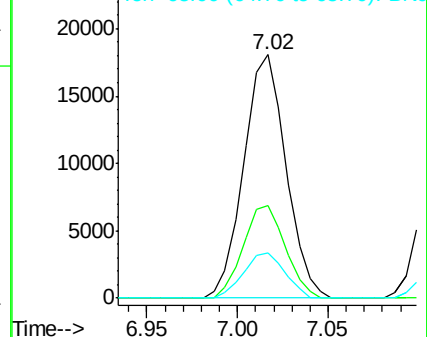
65 18.6 14.7 22.1

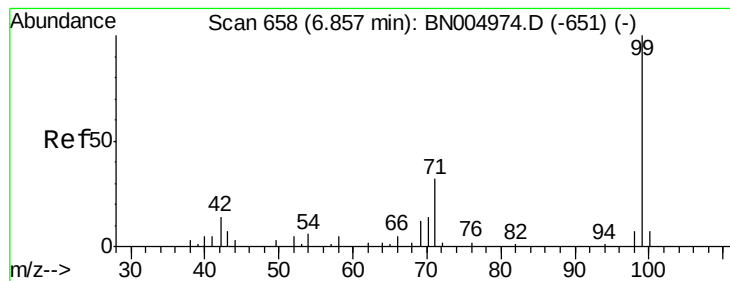


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 121.115 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BN005003.D

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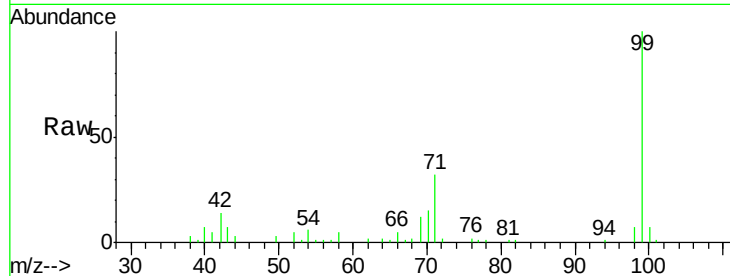
Tot Ion: 99 Resp: 86104

Ion Ratio Lower Upper

99 100

42 14.2 11.4 17.0

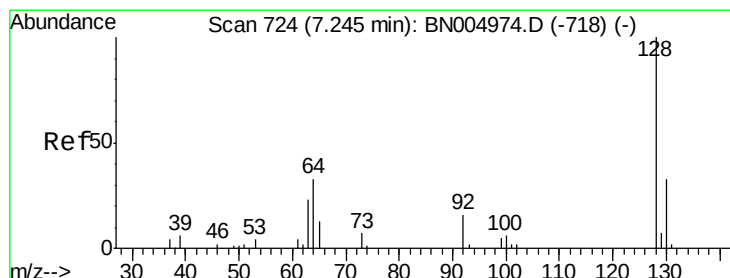
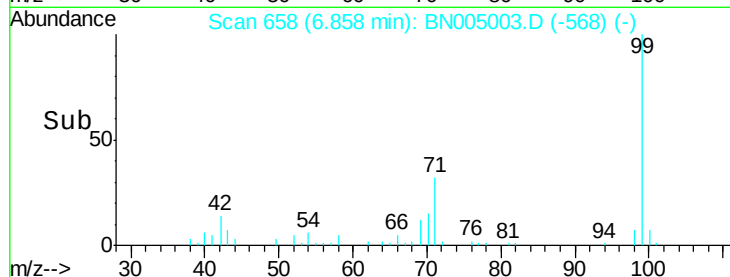
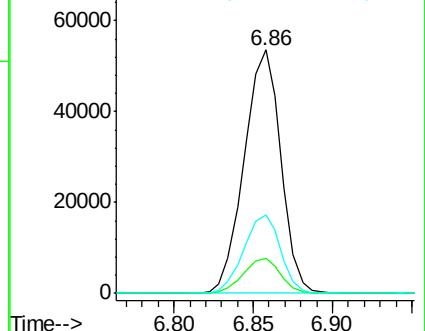
71 32.3 25.8 38.8



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: 39.709 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

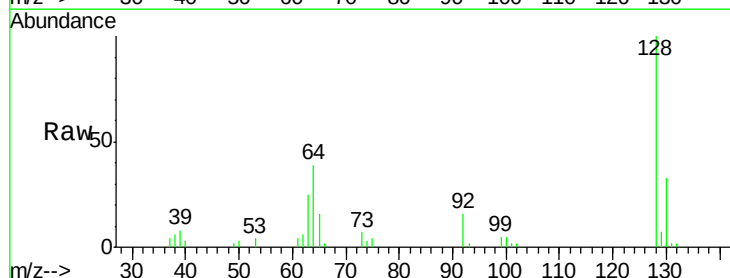
Tgt Ion: 128 Resp: 27019

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

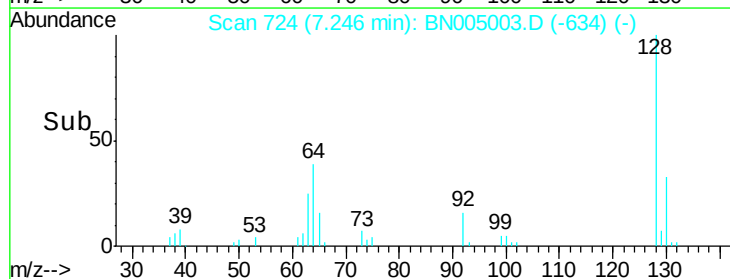
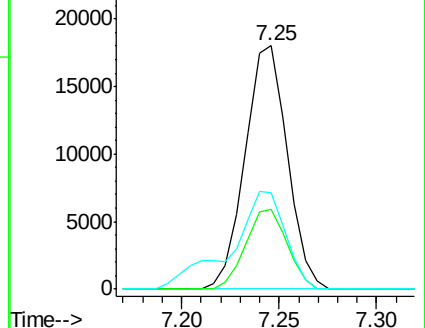
64 39.4 19.9 59.9

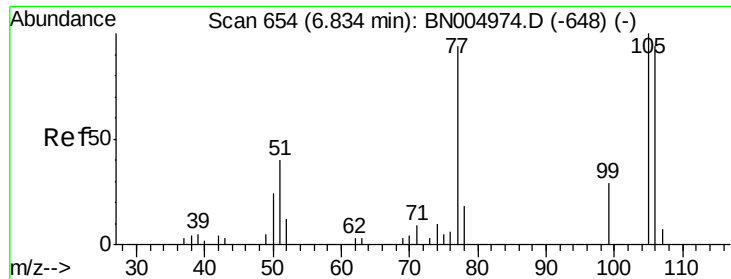


Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

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: 18.354 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

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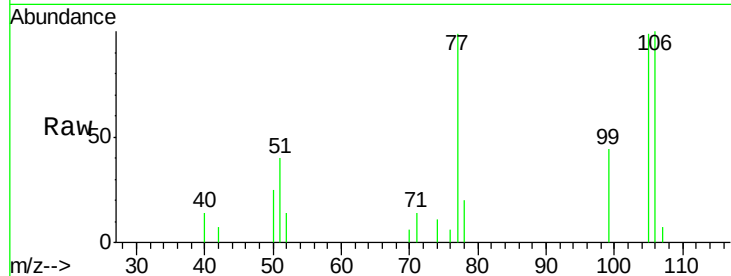
Tot Ion: 77 Resp: 7498

Ion Ratio Lower Upper

77 100

105 100.2 86.1 126.1

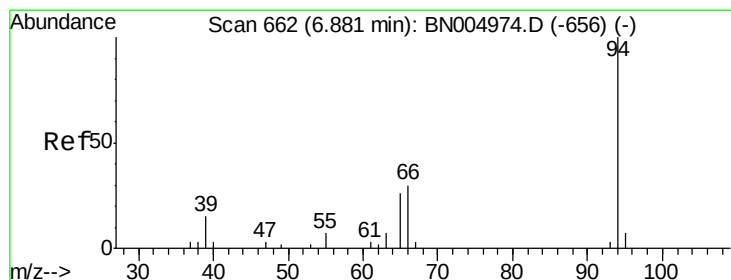
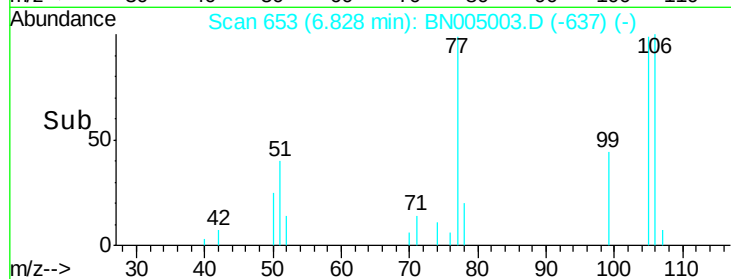
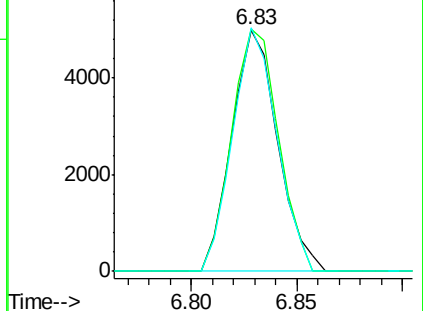
106 100.9 79.9 119.9



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: 39.709 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

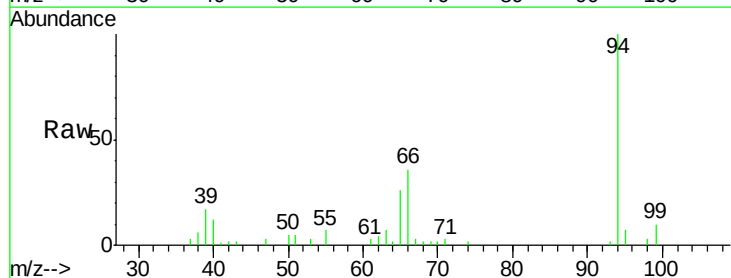
Tgt Ion: 94 Resp: 30250

Ion Ratio Lower Upper

94 100

65 25.9 5.7 45.7

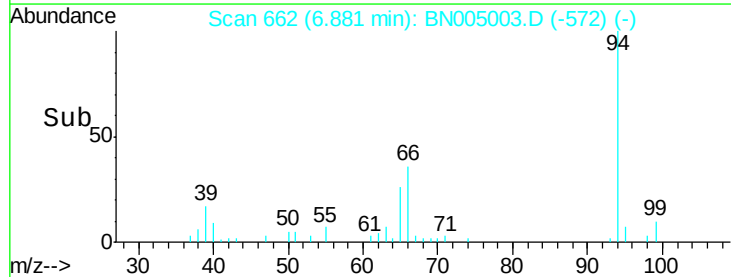
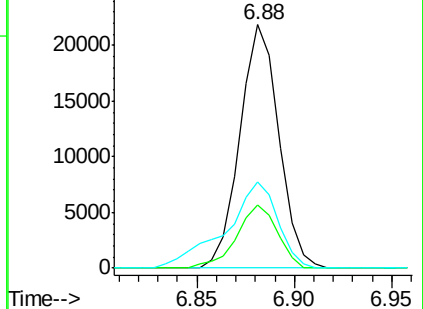
66 35.6 14.8 54.8

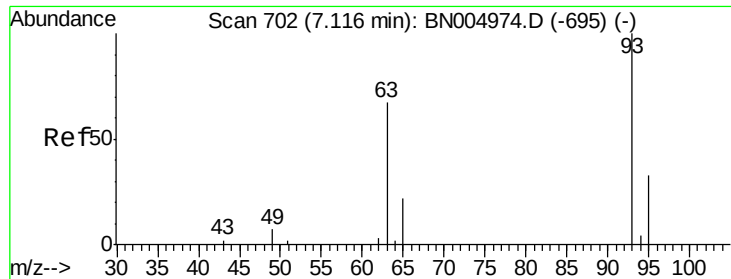


Abundance Ion 94.00 (93.70 to 94.70): BN004974.D (-656) (-)

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

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

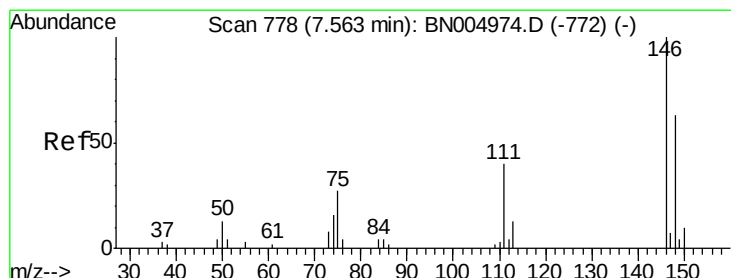
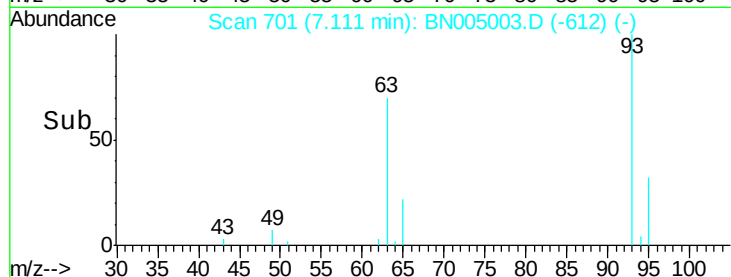
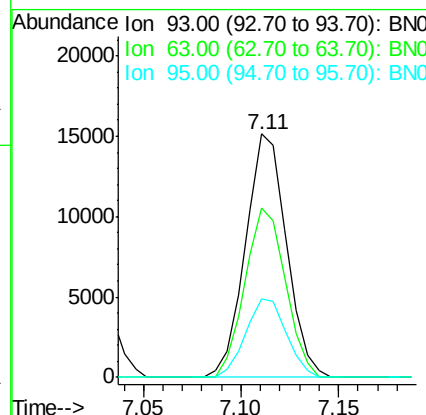
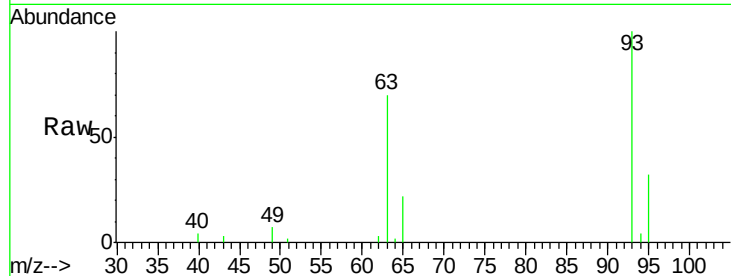




#11
bis(2-Chloroethyl)ether
Concen: 37.434 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

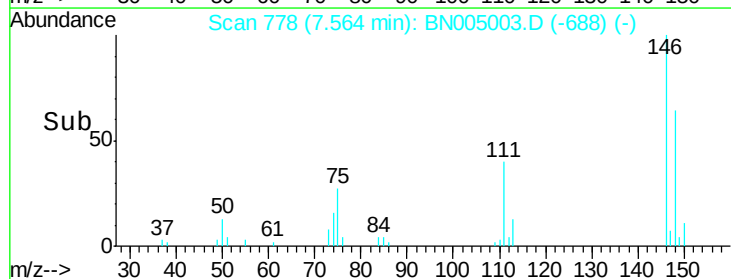
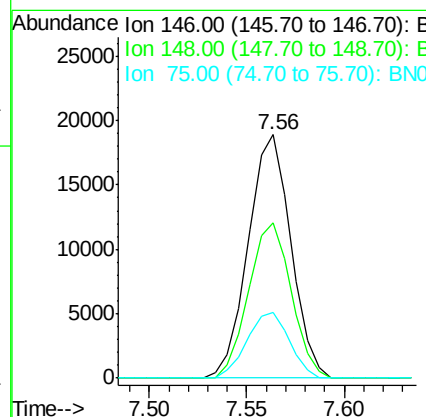
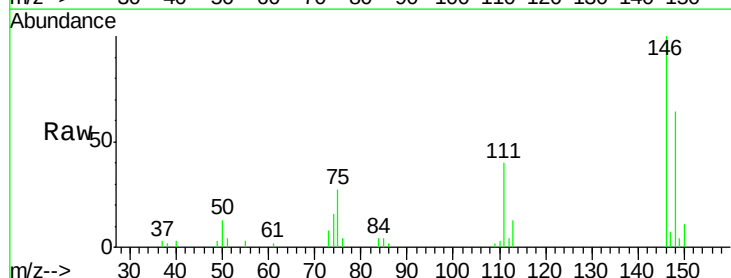
Instrument :
BNA_N
ClientSampleId :
PB118322BS

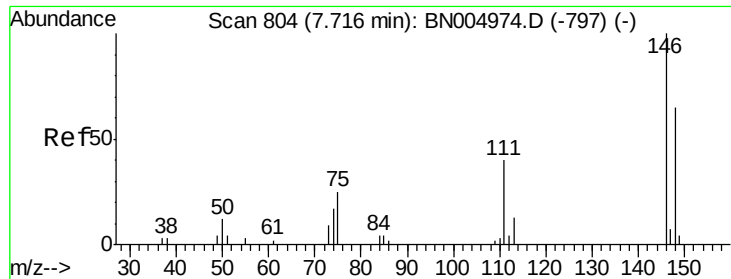
Tot Ion: 93 Resp: 22052
Ion Ratio Lower Upper
93 100
63 69.6 47.0 87.0
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.450 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion: 146 Resp: 28505
Ion Ratio Lower Upper
146 100
148 64.0 52.0 78.0
75 27.0 22.0 33.0

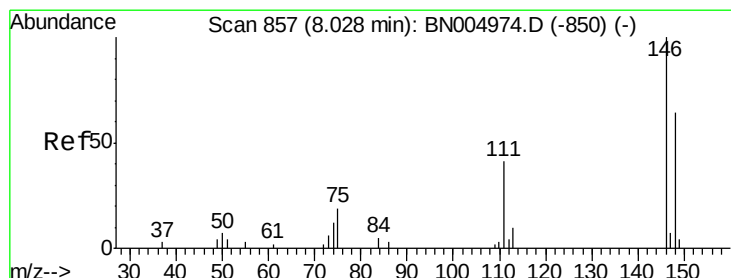
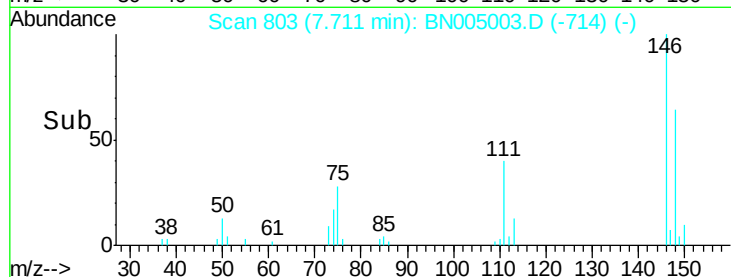
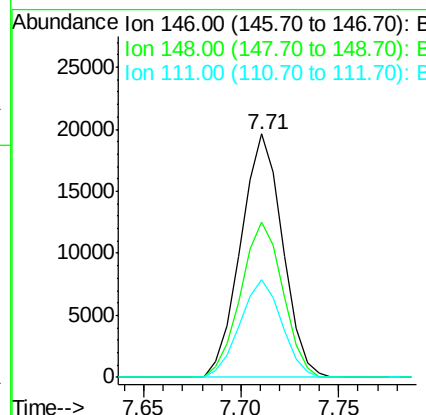
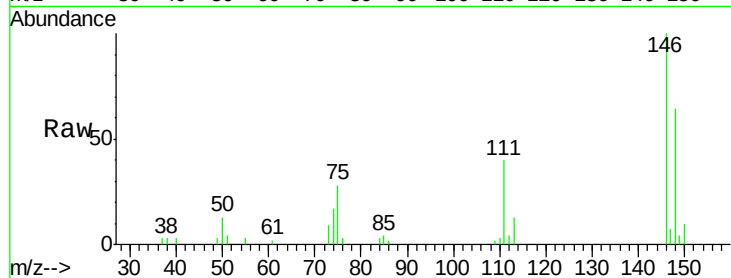




#13
 1,4-Dichlorobenzene
 Concen: 38.824 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

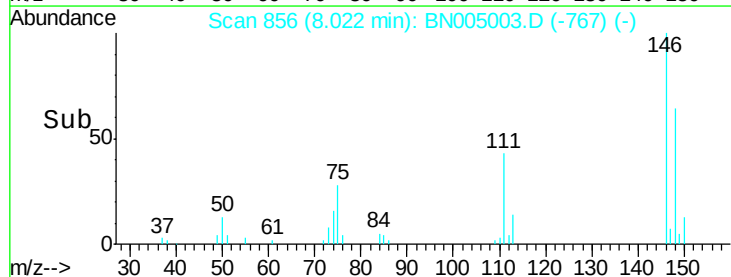
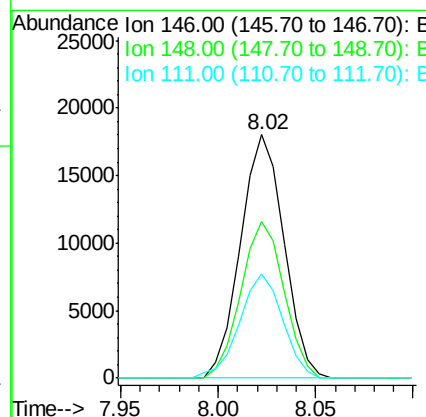
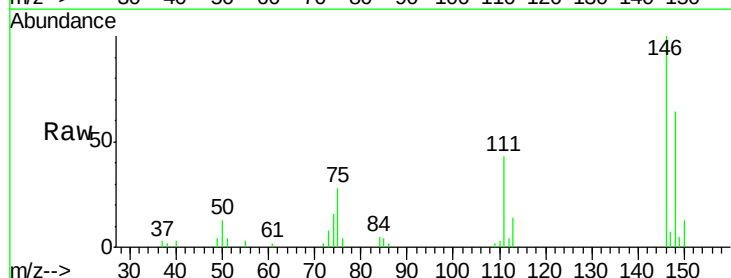
Instrument :
 BNA_N
 ClientSampled :
 PB118322BS

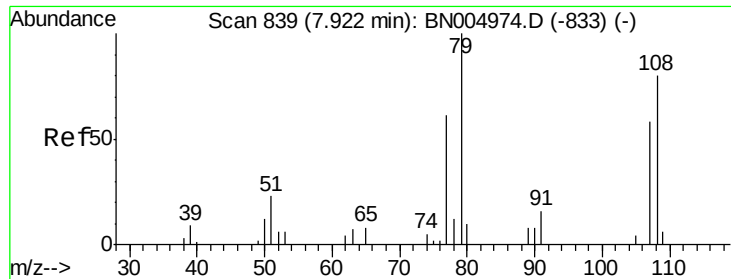
Tot Ion:146 Resp: 29134
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.2
 111 40.2 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 38.686 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion:146 Resp: 27782
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.2
 111 42.9 32.6 49.0





#15

Benzyl Alcohol

Concen: 37.024 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

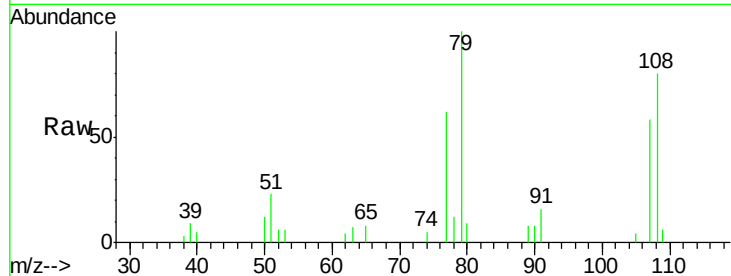
Tot Ion: 79 Resp: 20025

Ion Ratio Lower Upper

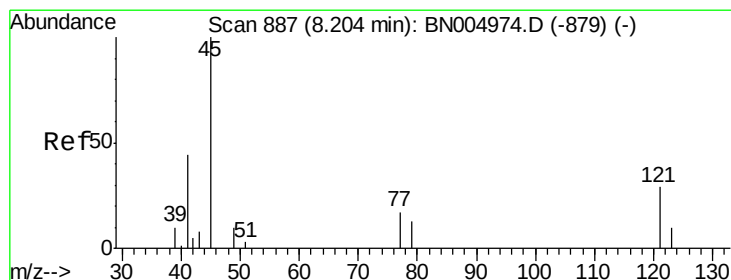
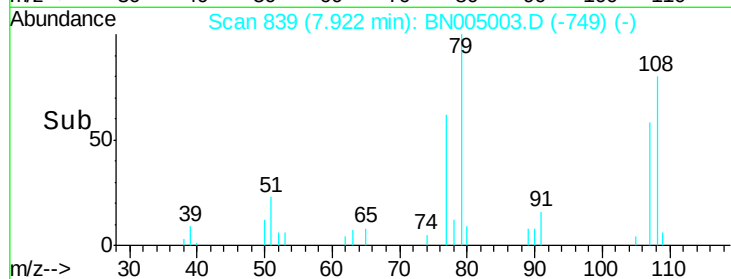
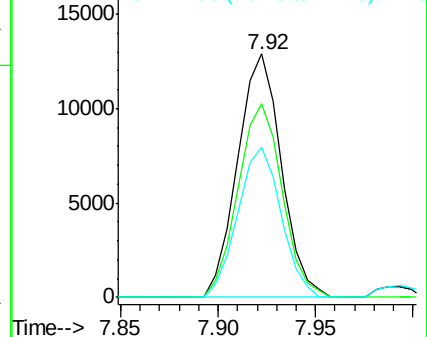
79 100

108 79.7 64.0 96.0

77 61.8 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: 37.182 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

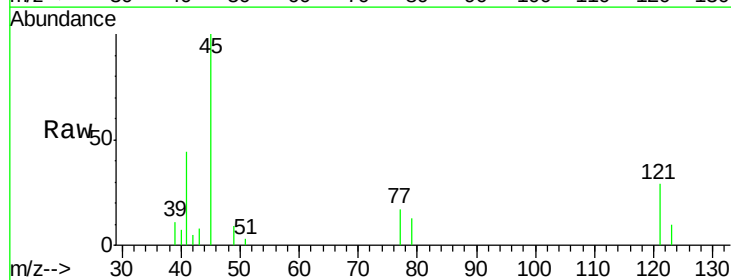
Tgt Ion: 45 Resp: 26427

Ion Ratio Lower Upper

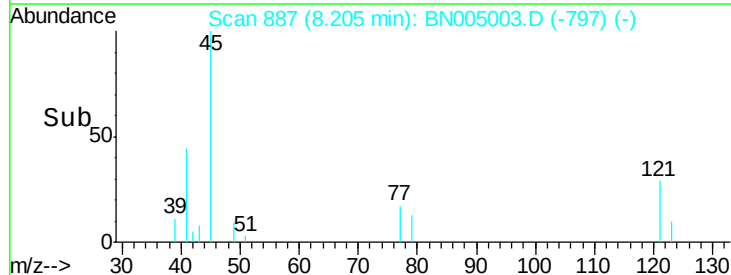
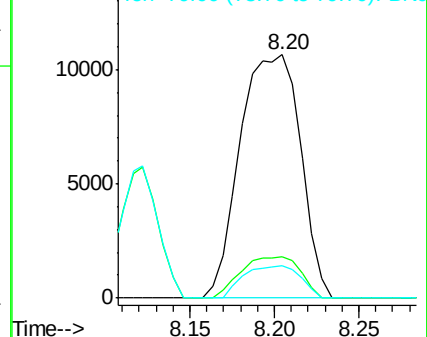
45 100

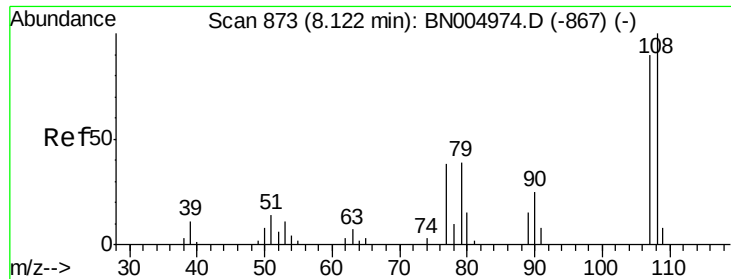
77 17.0 0.0 36.9

79 13.4 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

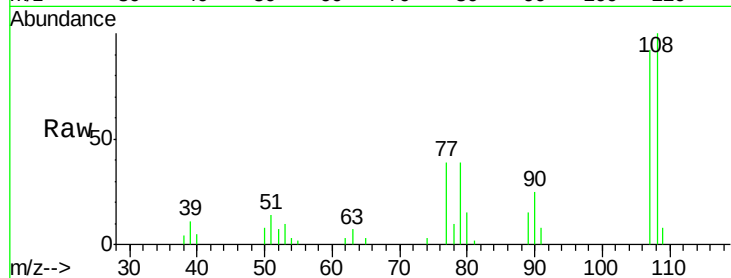




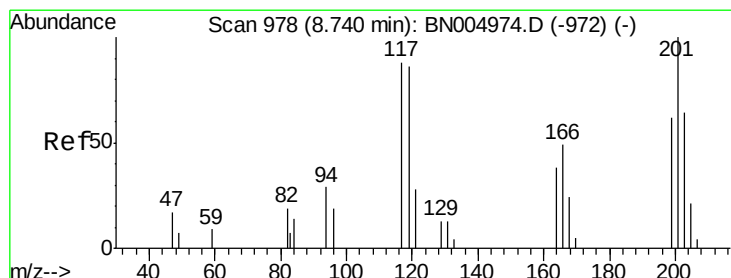
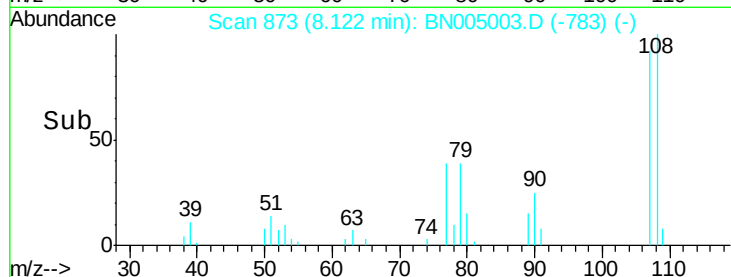
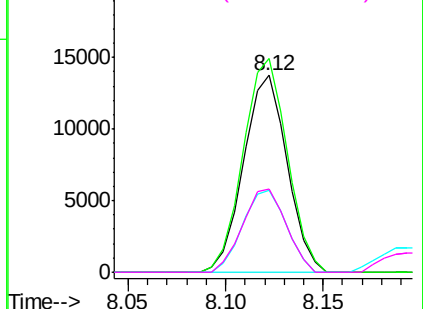
#17
2-Methylphenol
Concen: 39.981 ng
RT: 8.12 min Scan# 873
Delta R.T. 0.00 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Instrument :
BNA_N
ClientSampleId :
PB118322BS

Tot Ion:107 Resp: 21233
Ion Ratio Lower Upper
107 100
108 108.5 88.8 133.2
77 41.8 34.2 51.2
79 42.3 34.8 52.2

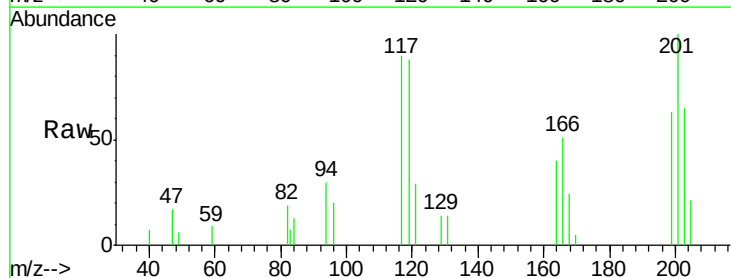


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

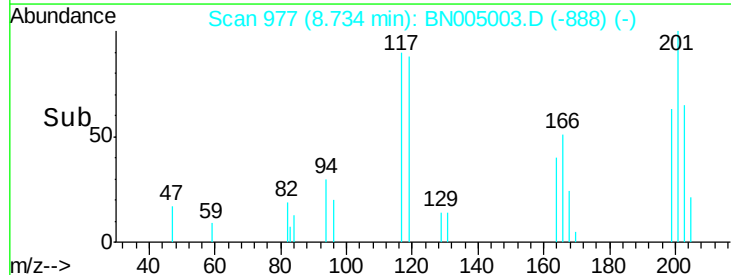
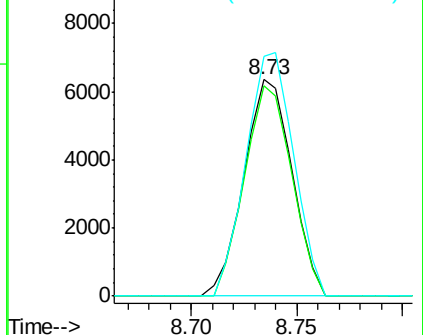


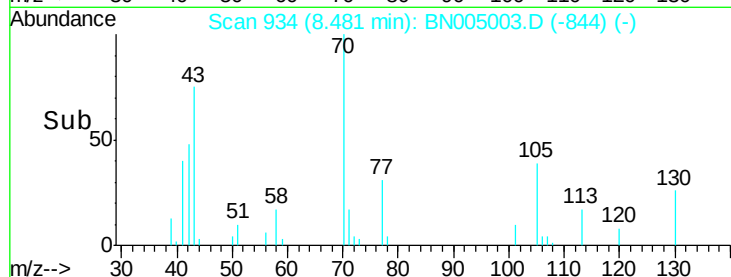
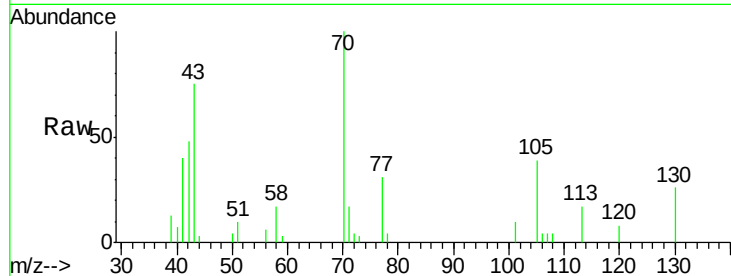
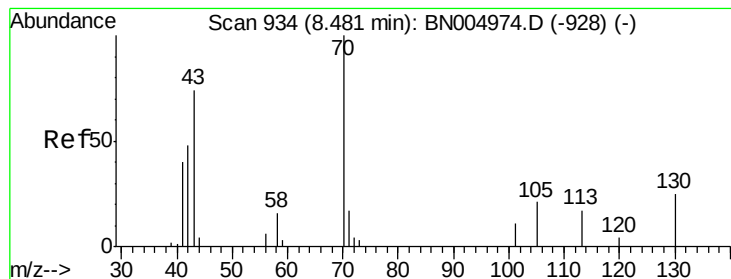
#18
Hexachloroethane
Concen: 37.729 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion:117 Resp: 10035
Ion Ratio Lower Upper
117 100
119 97.5 77.5 116.3
201 110.7 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





#19

n-Nitroso-di-n-propylamine

Concen: 35.719 ng

RT: 8.48 min Scan# 934

Delta R.T. 0.00 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

Tot Ion: 70 Resp: 16647

Ion Ratio Lower Upper

70 100

42 48.3 38.4 57.6

101 10.4 8.8 13.2

130 25.9 19.8 29.8

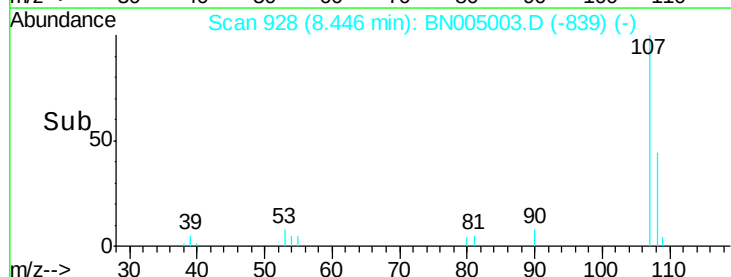
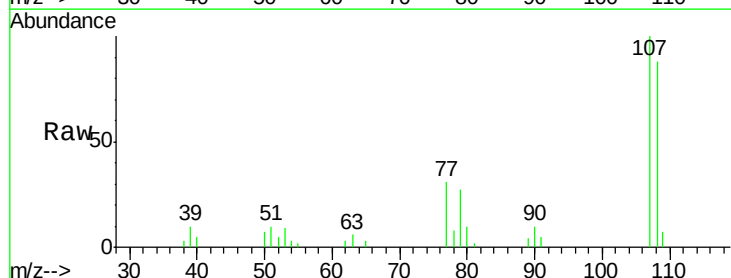
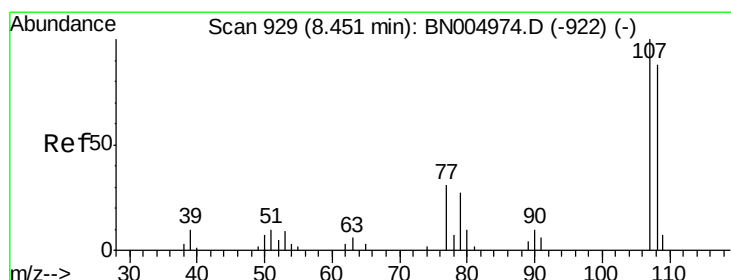
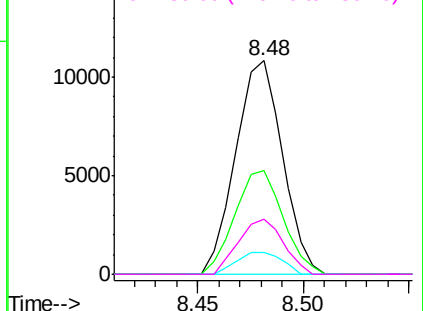
Abundance

Ion 70.00 (69.70 to 70.70): BN004974.D (-928) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-928) (-)

Ion 101.00 (100.70 to 101.70): BN004974.D (-928) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-928) (-)



#20

3+4-Methylphenols

Concen: 38.752 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Tgt Ion:107 Resp: 27943

Ion Ratio Lower Upper

107 100

108 88.5 67.9 107.9

77 30.6 10.6 50.6

79 26.9 6.8 46.8

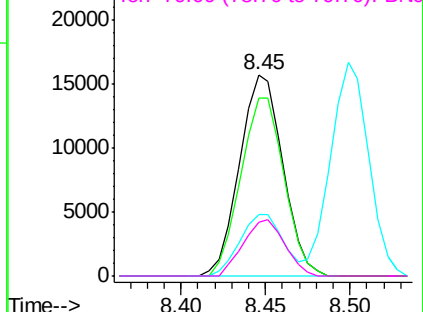
Abundance

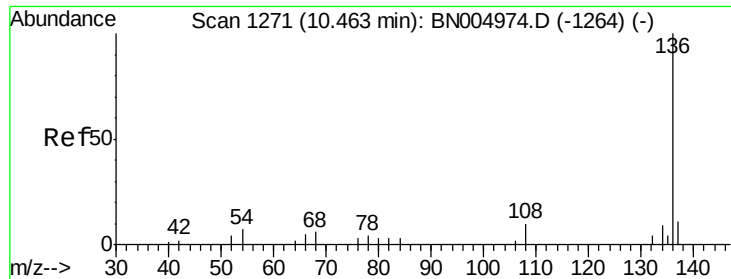
Ion 107.00 (106.70 to 107.70): BN004974.D (-922) (-)

Ion 108.00 (107.70 to 108.70): BN004974.D (-922) (-)

Ion 77.00 (76.70 to 77.70): BN004974.D (-922) (-)

Ion 79.00 (78.70 to 79.70): BN004974.D (-922) (-)

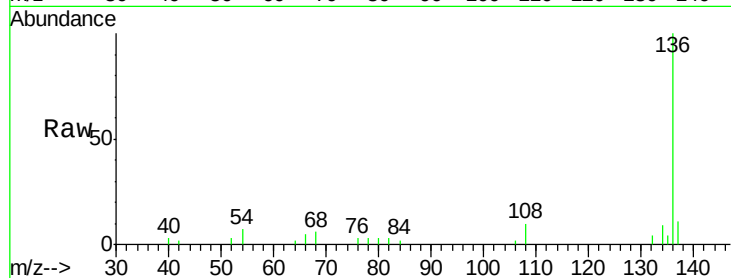




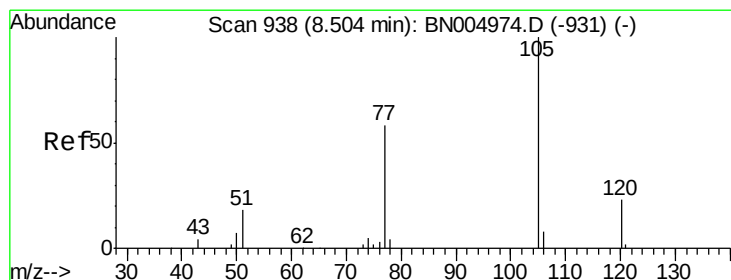
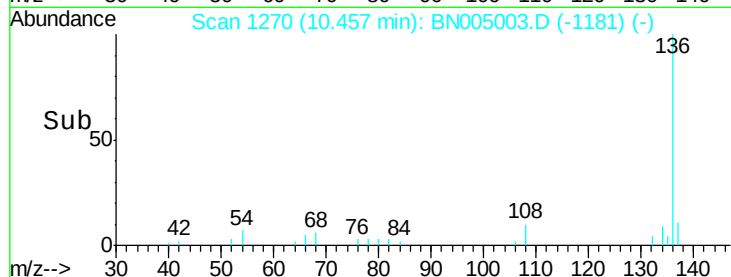
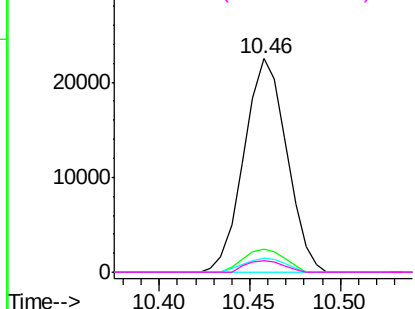
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Instrument :
BNA_N
ClientSampleId :
PB118322BS

Tot Ion:136	Resp:	36917	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.9	13.3	
54 6.5	5.3	7.9	
68 5.5	4.6	6.8	

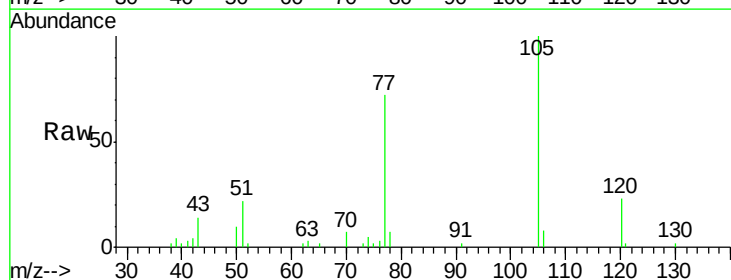


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

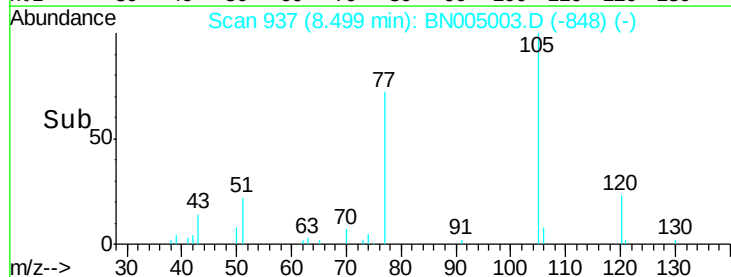
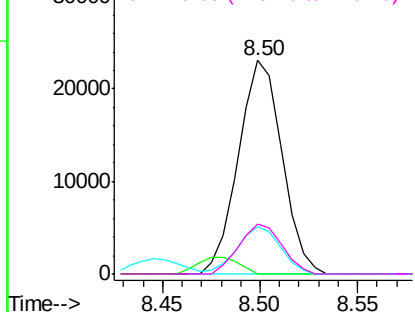


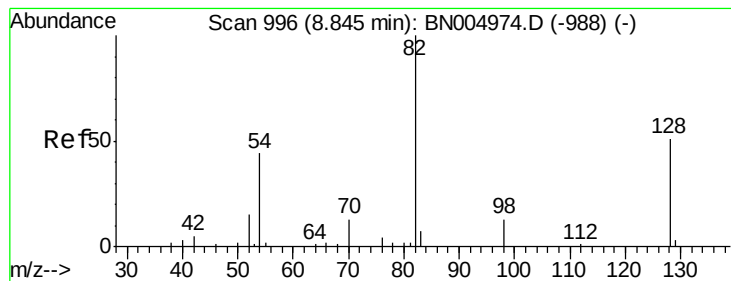
#22
Acetophenone
Concen: 42.493 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion	Ion:105	Resp:	35810
	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	22.1	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: 76.561 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

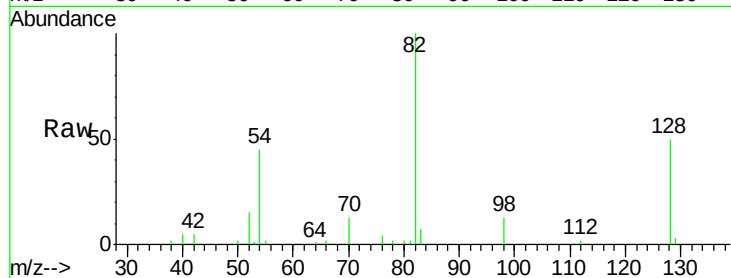
Tot Ion: 82 Resp: 46724

Ion Ratio Lower Upper

82 100

128 49.7 40.6 60.8

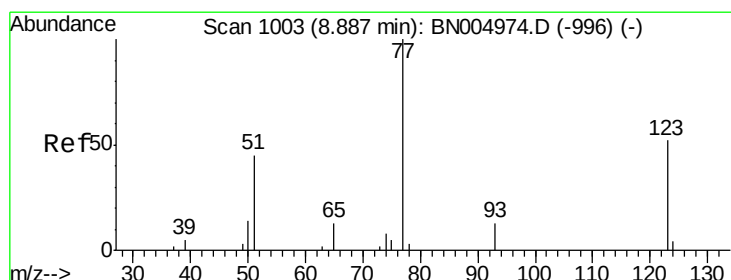
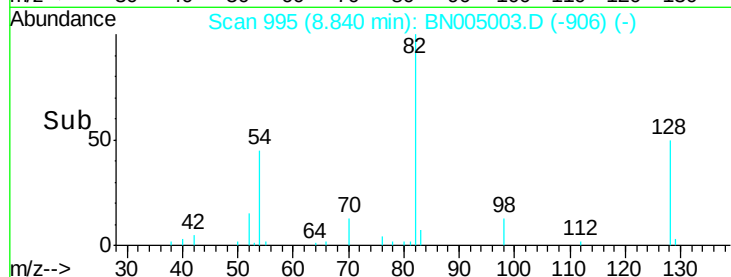
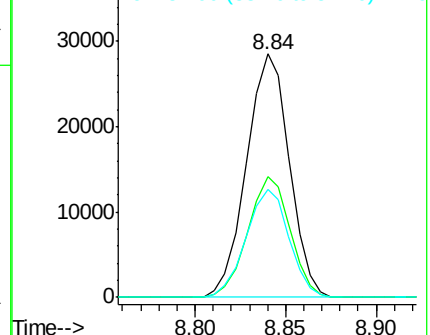
54 44.6 35.2 52.8



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#24

Nitrobenzene

Concen: 40.840 ng

RT: 8.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

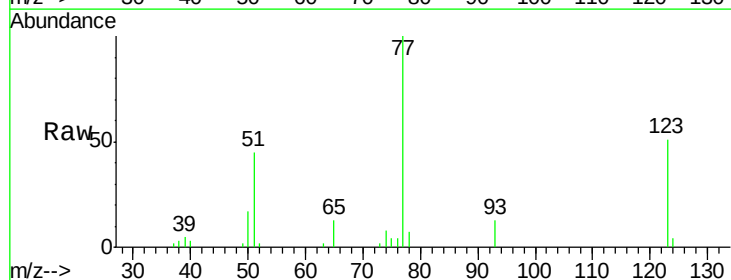
Tgt Ion: 77 Resp: 25224

Ion Ratio Lower Upper

77 100

123 50.6 41.3 61.9

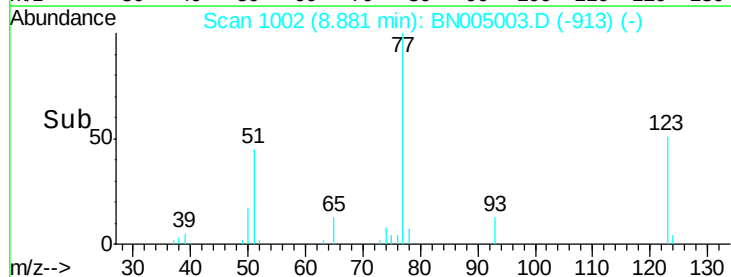
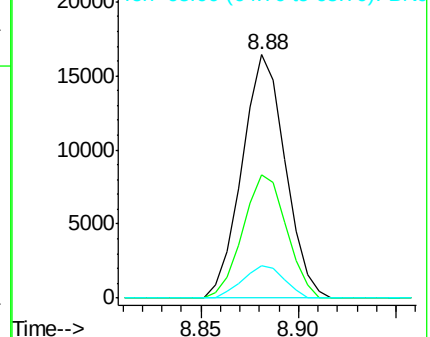
65 13.2 10.3 15.5

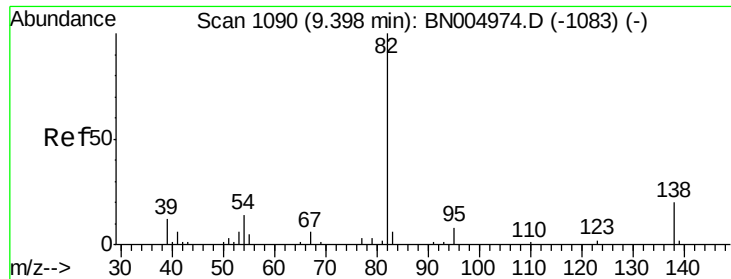


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#25

Isophorone

Concen: 38.476 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

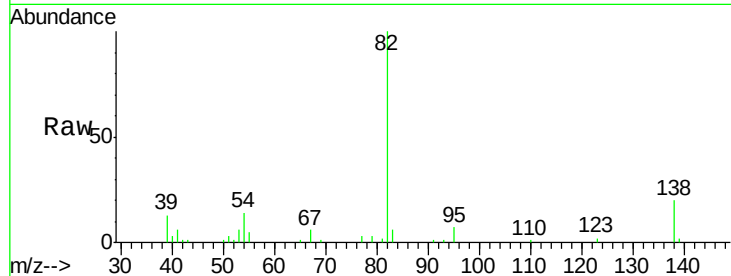
Tot Ion: 82 Resp: 45744

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

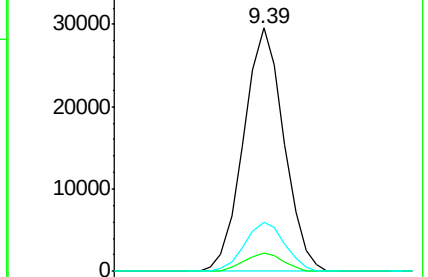
138 20.1 16.2 24.2



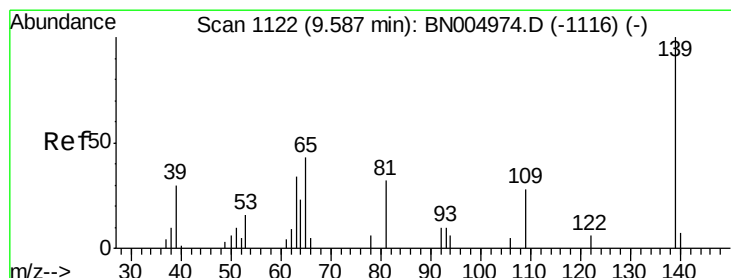
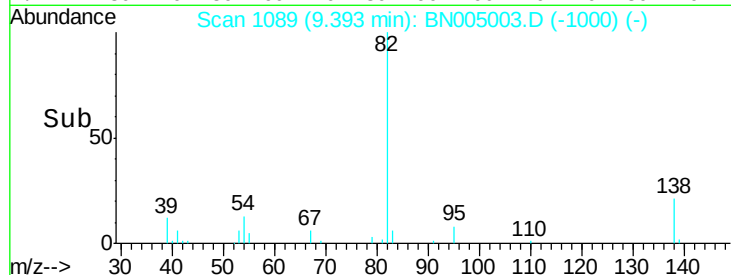
Abundance Ion 82.00 (81.70 to 82.70): BN004974.D (-1083) (-)

Ion 95.00 (94.70 to 95.70): BN004974.D (-1083) (-)

Ion 138.00 (137.70 to 138.70): BN004974.D (-1083) (-)



Time-->



#26

2-Nitrophenol

Concen: 39.691 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

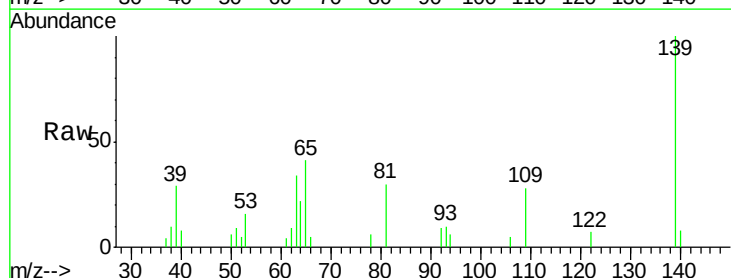
Tgt Ion: 139 Resp: 14234

Ion Ratio Lower Upper

139 100

109 27.9 22.5 33.7

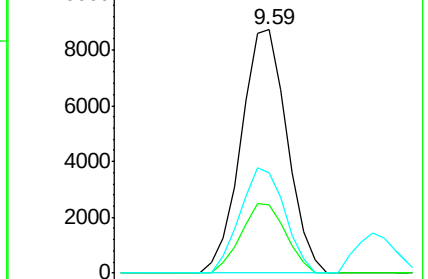
65 41.2 34.2 51.4



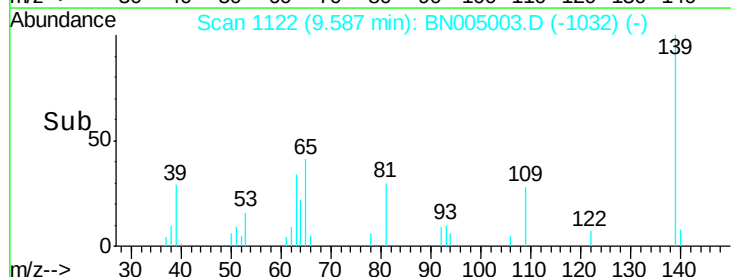
Abundance Ion 139.00 (138.70 to 139.70): BN004974.D (-1116) (-)

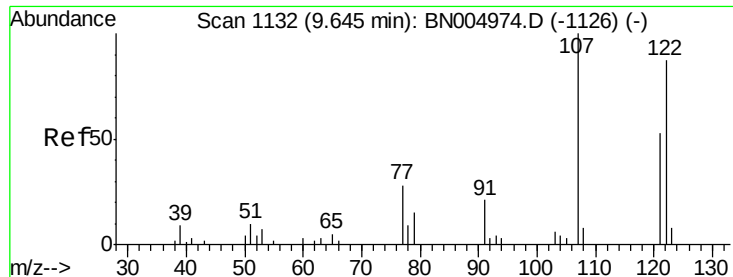
Ion 109.00 (108.70 to 109.70): BN004974.D (-1116) (-)

Ion 65.00 (64.70 to 65.70): BN004974.D (-1116) (-)



Time-->

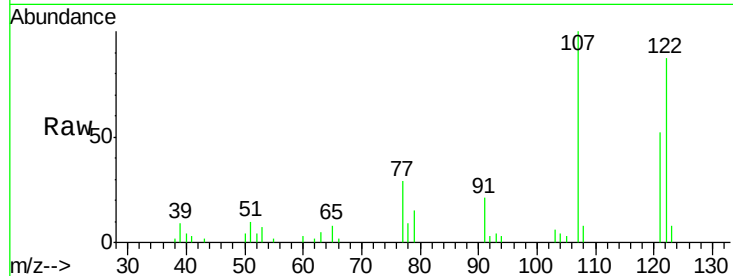




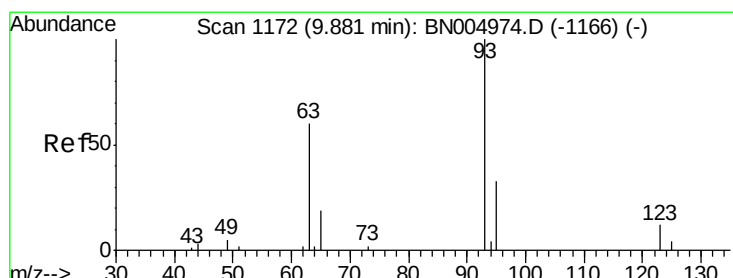
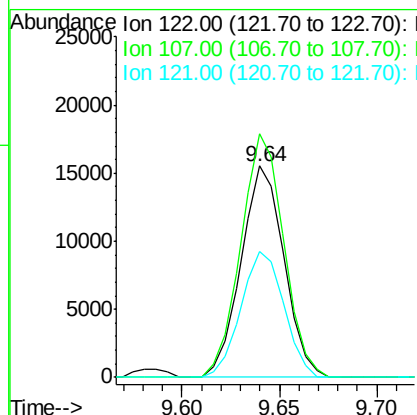
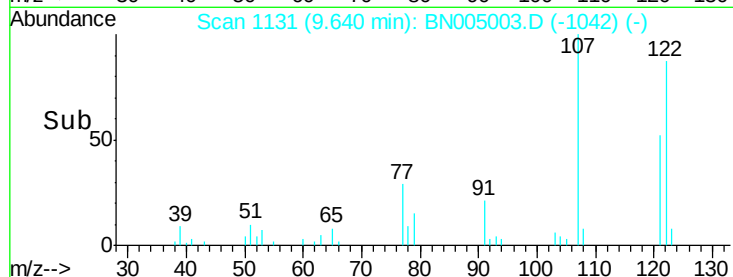
#27
 2,4-Dimethylphenol
 Concen: 47.319 ng
 RT: 9.64 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

Tot Ion:	122	Resp:	23626
Ion	Ratio	Lower	Upper
122	100		
107	115.3	91.6	137.4
121	59.8	48.2	72.2

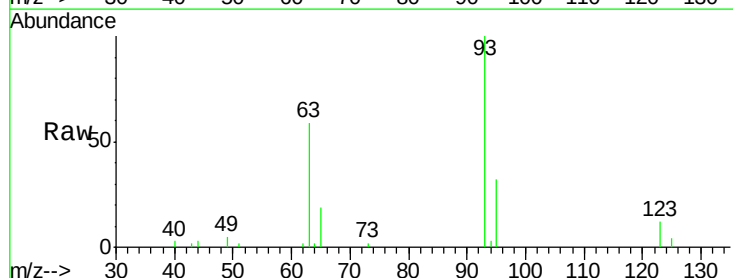


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

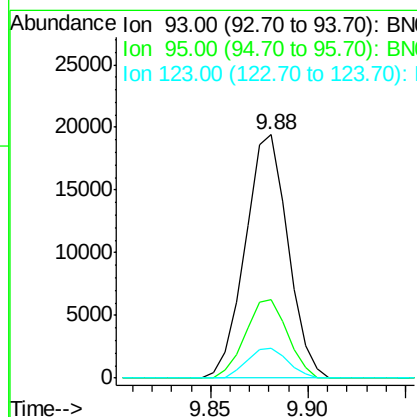
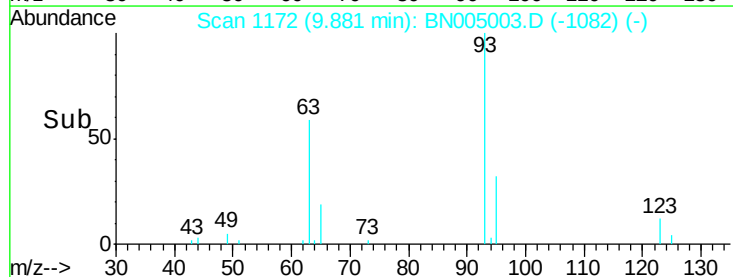


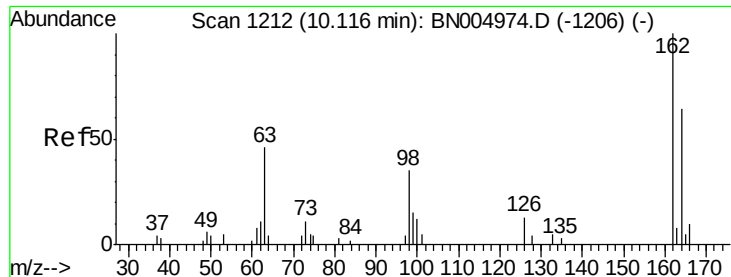
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.001 ng
 RT: 9.88 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion:	93	Resp:	29466
Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.4
123	12.3	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

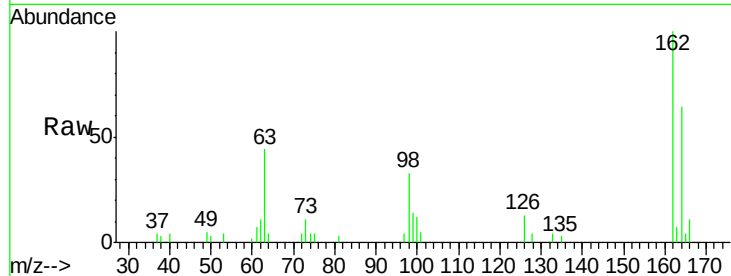




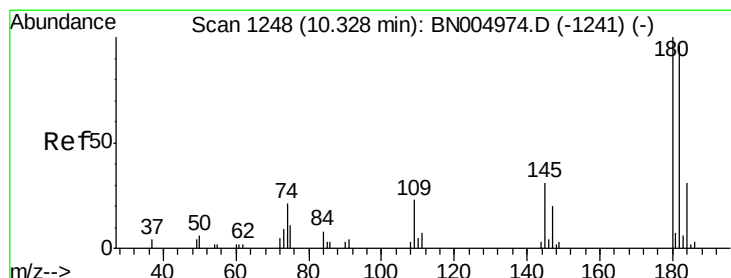
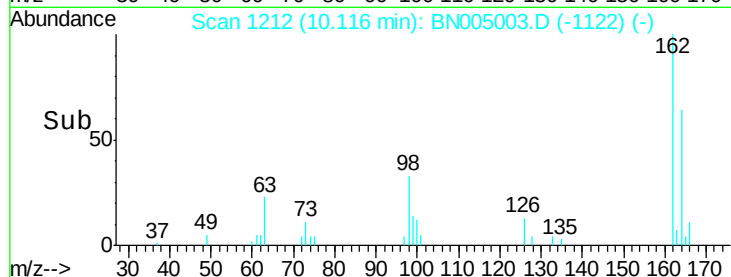
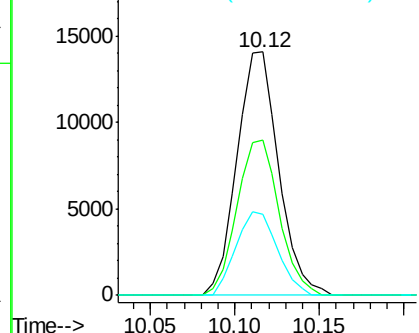
#29
 2,4-Dichlorophenol
 Concen: 42.217 ng
 RT: 10.12 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Instrument :
 BNA_N
 ClientSampleID :
 PB118322BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.3	84.3
98	33.1	15.3	55.3

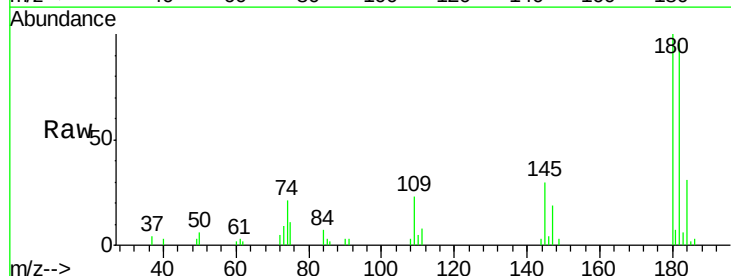


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BNC

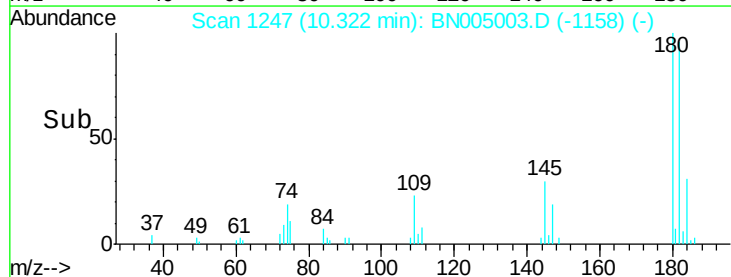
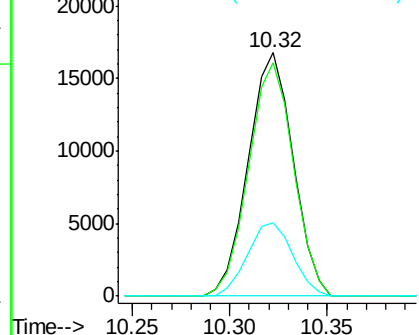


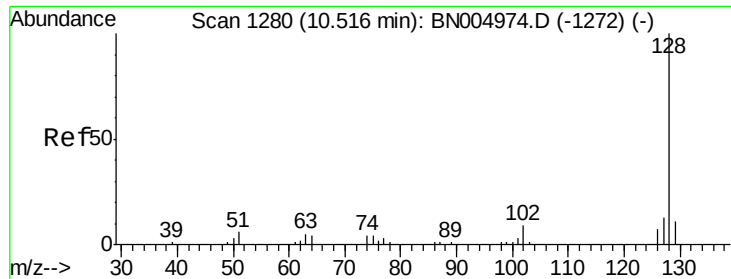
#30
 1,2,4-Trichlorobenzene
 Concen: 42.226 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	30.4	24.6	37.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

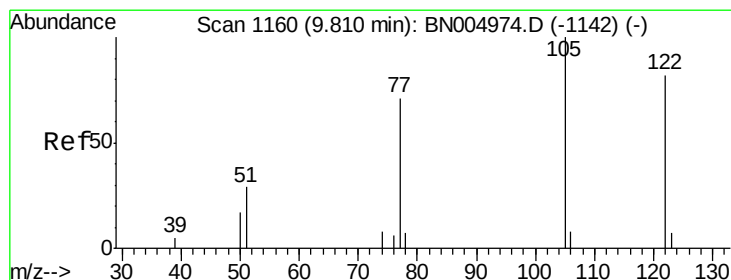
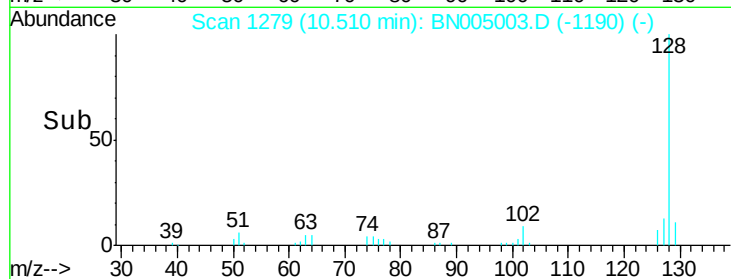
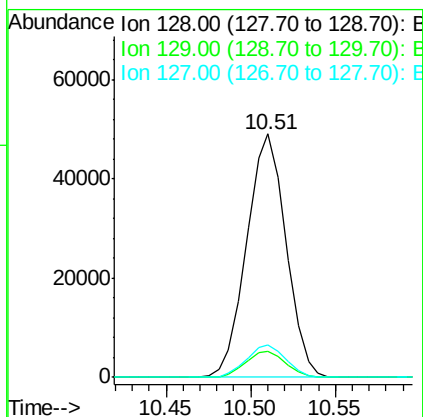
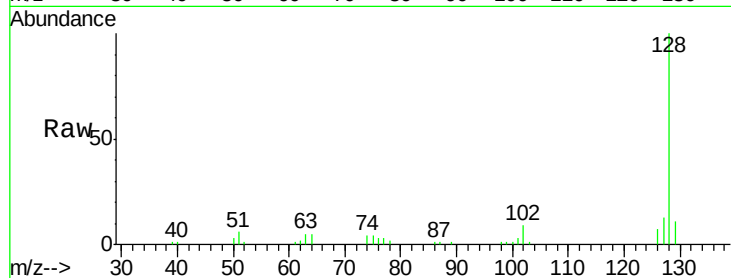




#31
Naphthalene
Concen: 41.201 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

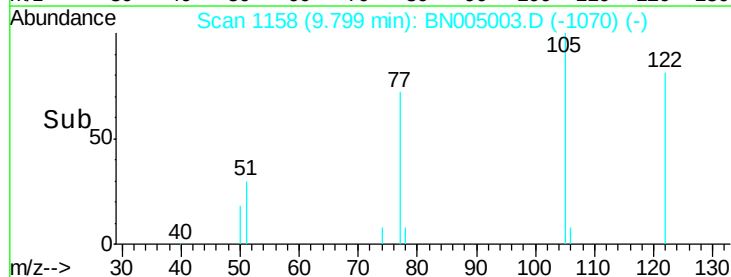
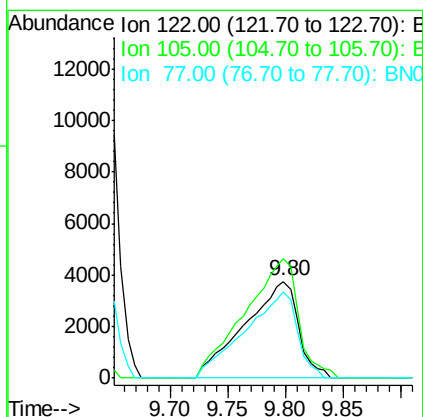
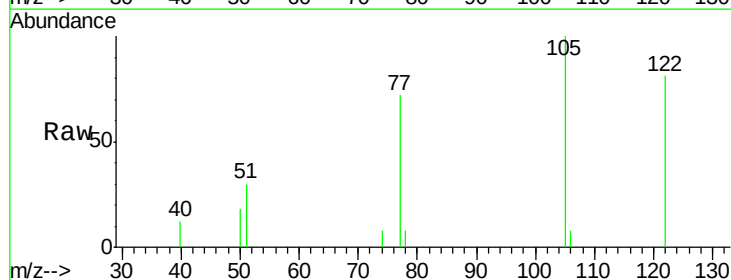
Instrument :
BNA_N
ClientSampleId :
PB118322BS

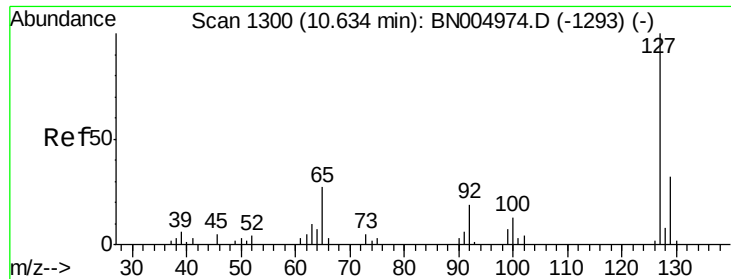
Tot Ion:128 Resp: 79358
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 32.218 ng
RT: 9.80 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion:122 Resp: 12122
Ion Ratio Lower Upper
122 100
105 123.3 102.4 142.4
77 89.1 67.1 107.1

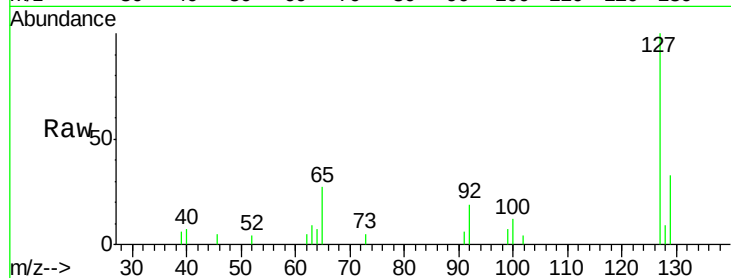




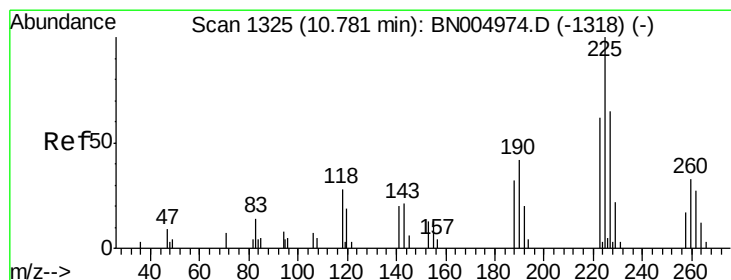
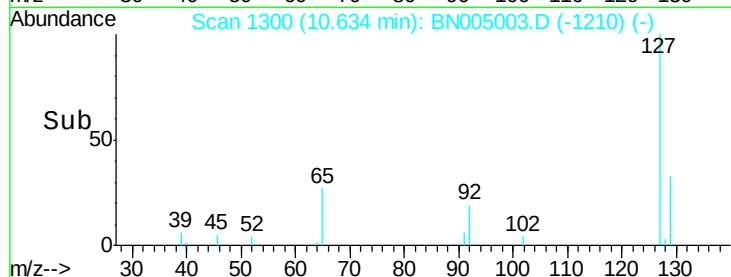
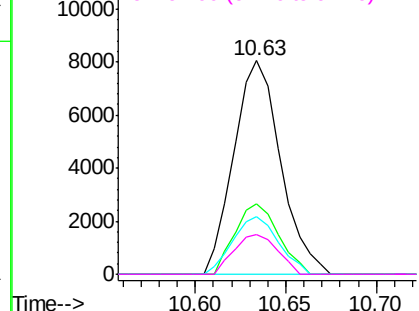
#33
4-Chloroaniline
Concen: 18.461 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Instrument :
BNA_N
ClientSampleId :
PB118322BS

Tot Ion:127	Resp:	14467
Ion	Ratio	Lower Upper
127	100	
129	33.1	25.9 38.9
65	27.0	21.4 32.0
92	18.8	15.3 22.9

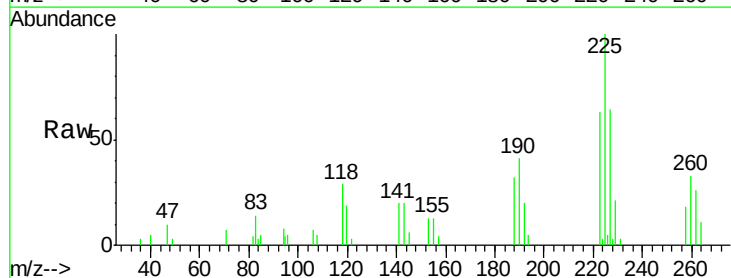


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

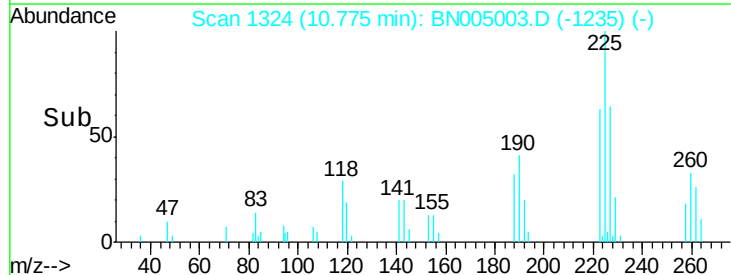
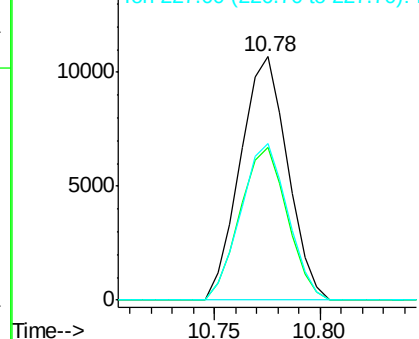


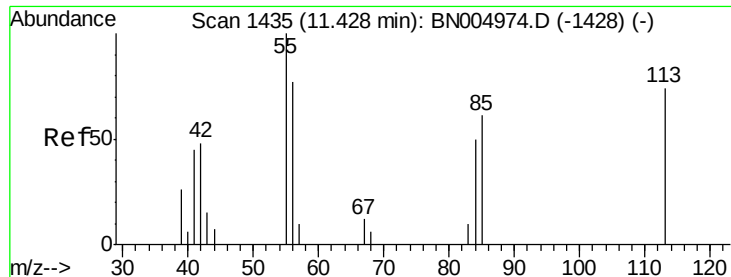
#34
Hexachlorobutadiene
Concen: 40.595 ng
RT: 10.78 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion:225	Resp:	16604
Ion	Ratio	Lower Upper
225	100	
223	62.8	49.7 74.5
227	64.1	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: 33.529 ng

RT: 11.42 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

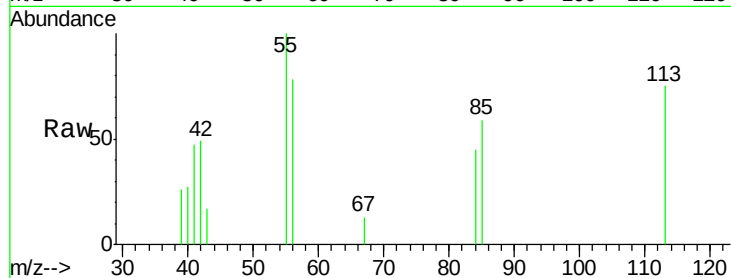
Tot Ion:113 Resp: 6300

Ion Ratio Lower Upper

113 100

55 133.9 115.8 155.8

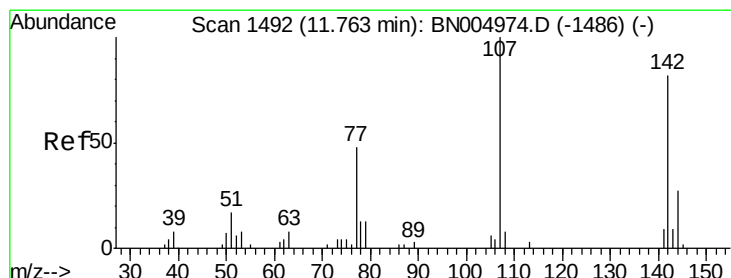
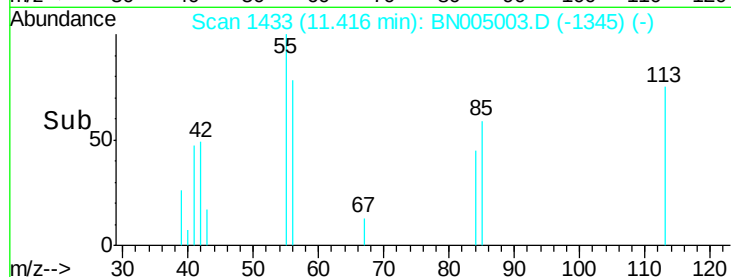
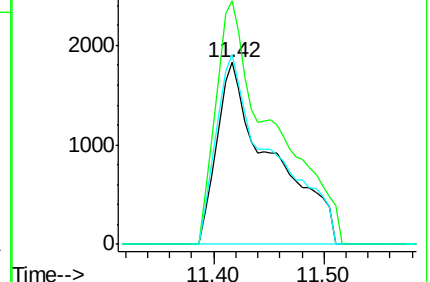
56 104.3 85.1 125.1



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: 38.596 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

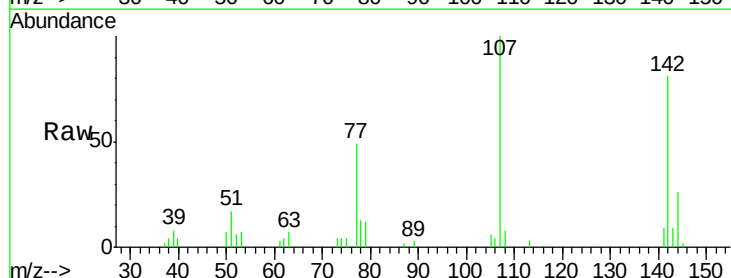
Tgt Ion:107 Resp: 23926

Ion Ratio Lower Upper

107 100

144 26.4 21.3 31.9

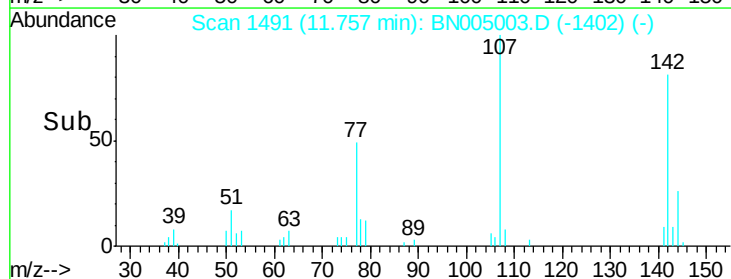
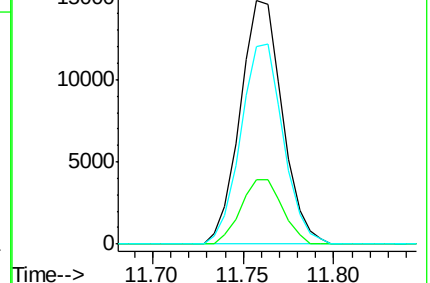
142 81.0 65.8 98.8

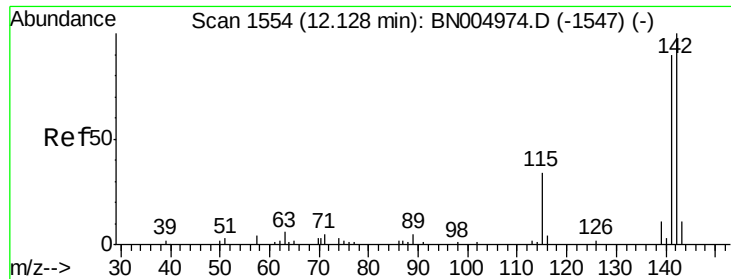


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

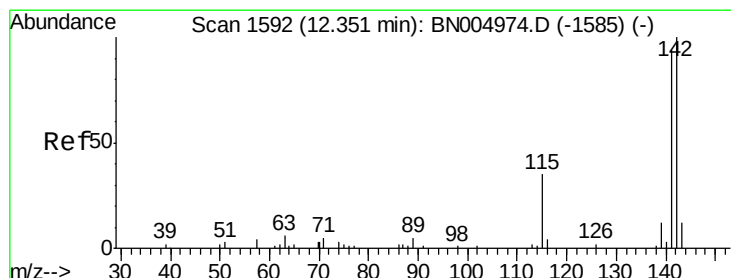
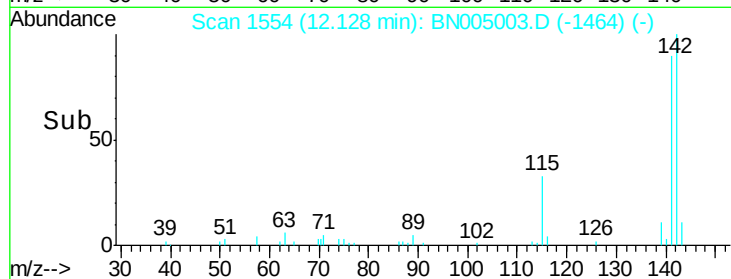
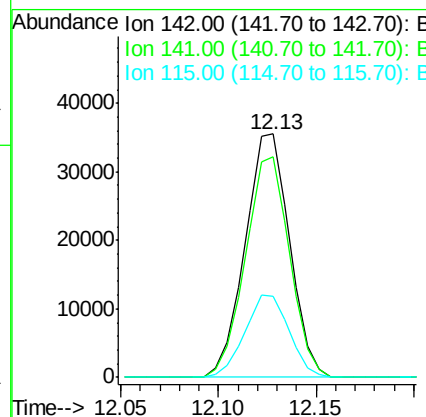
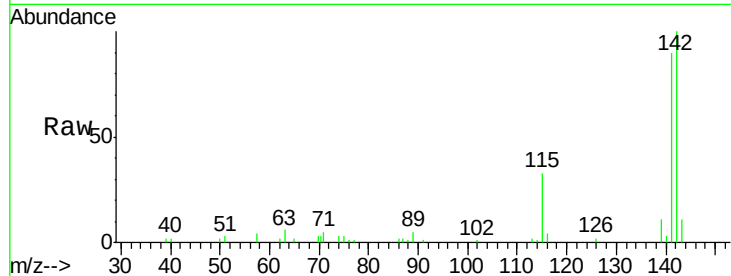




#37
 2-Methylnaphthalene
 Concen: 41.200 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

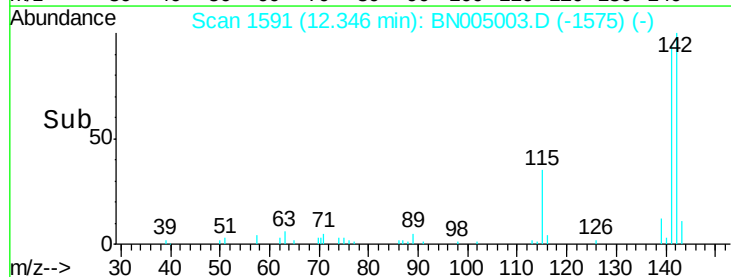
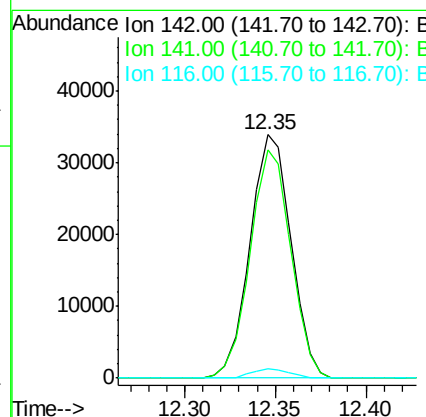
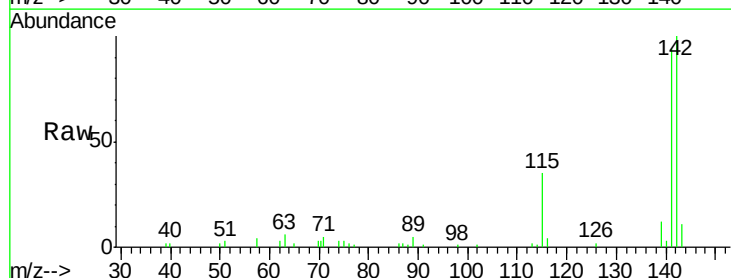
Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

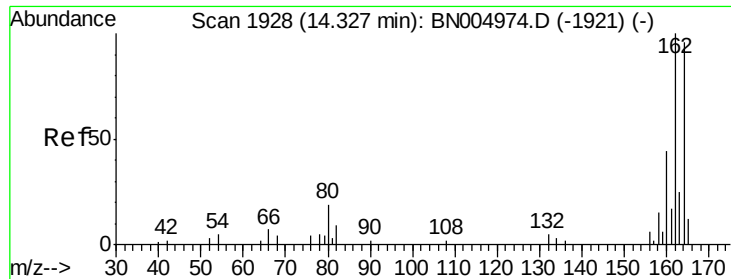
Tot Ion:142 Resp: 56037
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.8 107.8
 115 33.2 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 40.056 ng
 RT: 12.35 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion:142 Resp: 53310
 Ion Ratio Lower Upper
 142 100
 141 93.8 74.9 112.3
 116 3.6 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

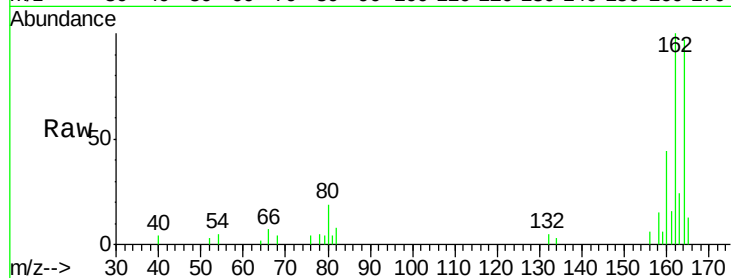
Tot Ion:164 Resp: 19383

Ion Ratio Lower Upper

164 100

162 103.5 83.4 125.0

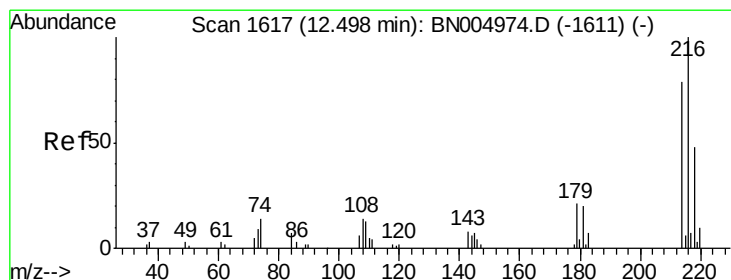
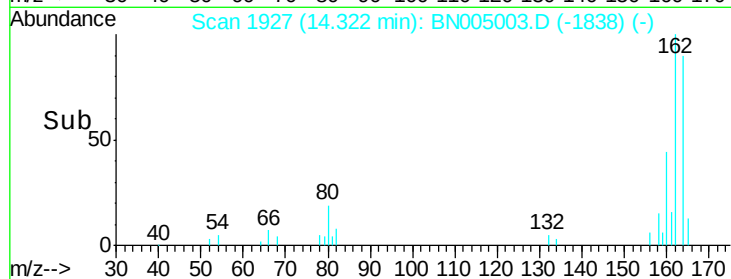
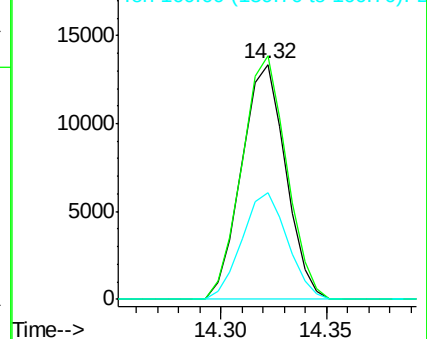
160 45.3 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.752 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Tgt Ion:216 Resp: 30079

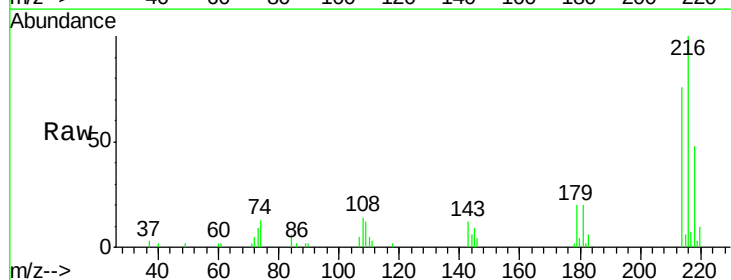
Ion Ratio Lower Upper

216 100

214 77.8 62.6 94.0

179 20.6 16.4 24.6

108 17.9 12.7 19.1

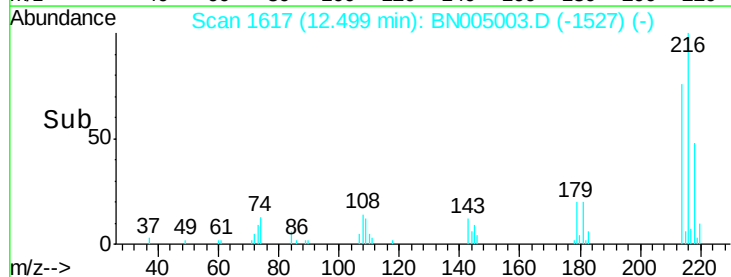
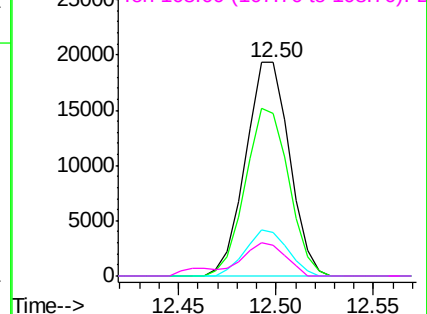


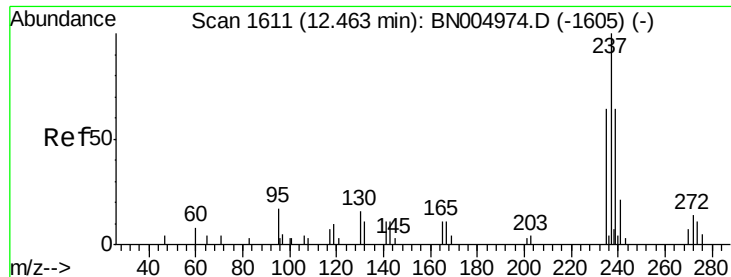
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 107.920 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

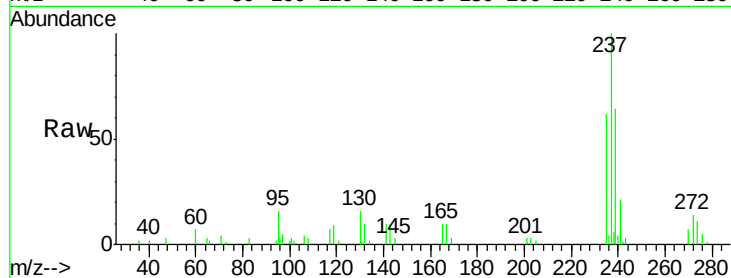
Tot Ion:237 Resp: 42631

Ion Ratio Lower Upper

237 100

235 62.1 43.6 83.6

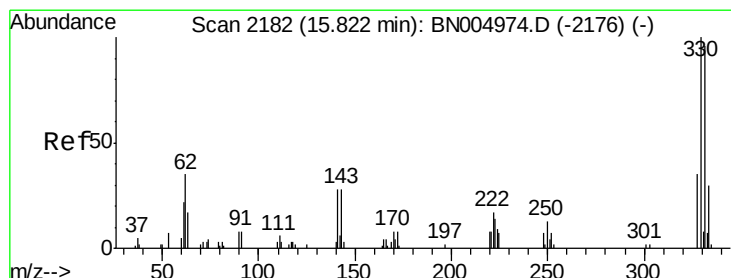
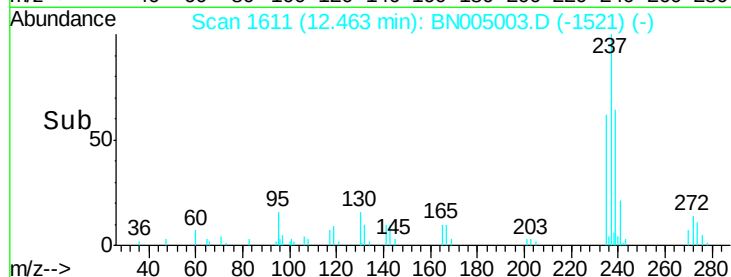
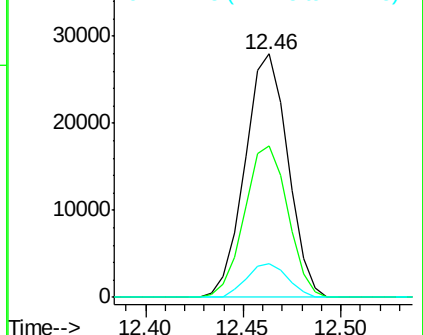
272 14.0 0.0 33.5



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: 119.103 ng

RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

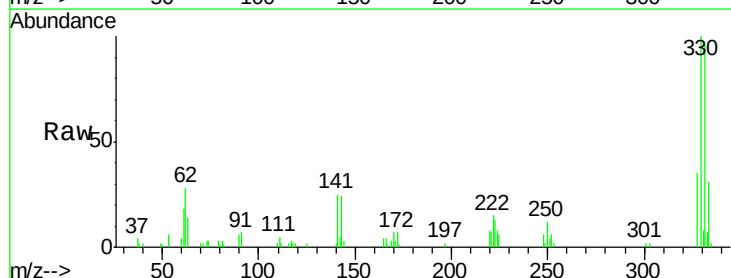
Tgt Ion:330 Resp: 37233

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

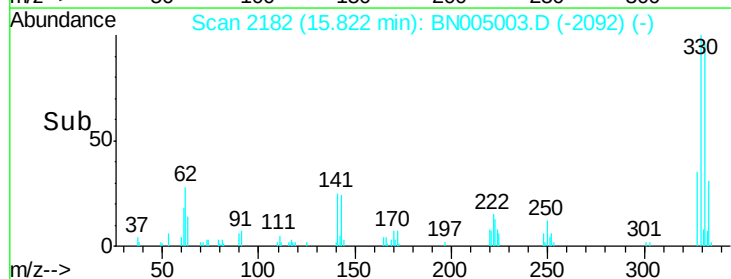
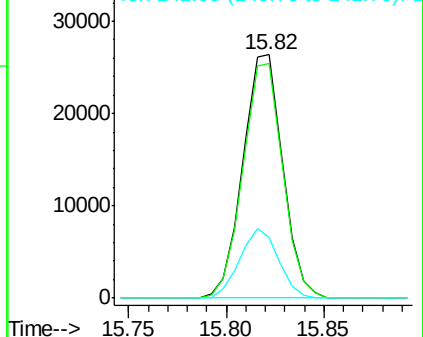
141 27.5 22.1 33.1

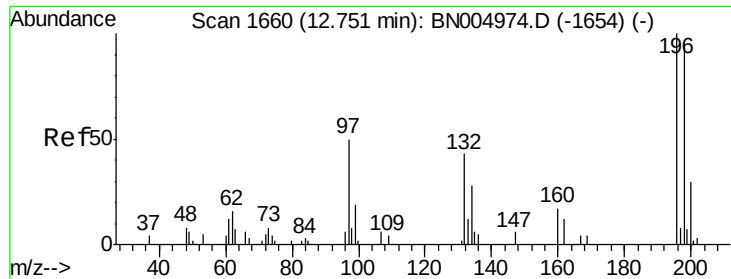


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

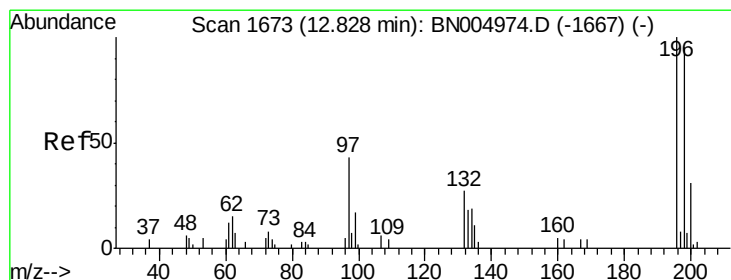
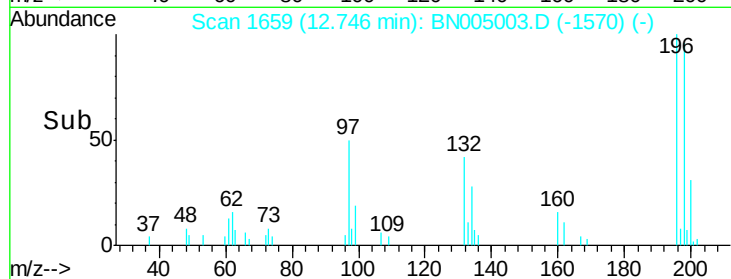
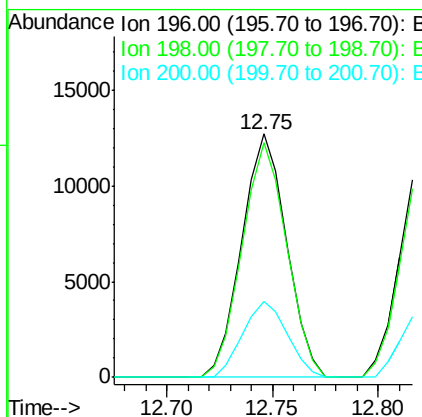
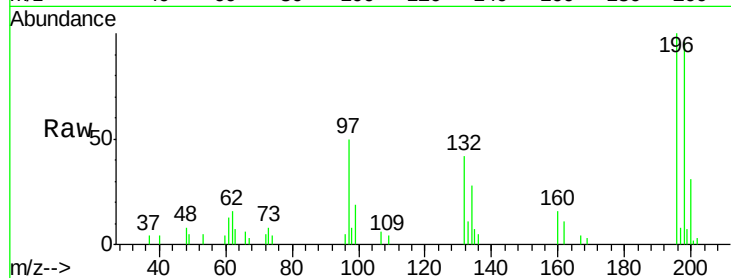




#43
 2,4,6-Trichlorophenol
 Concen: 43.834 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

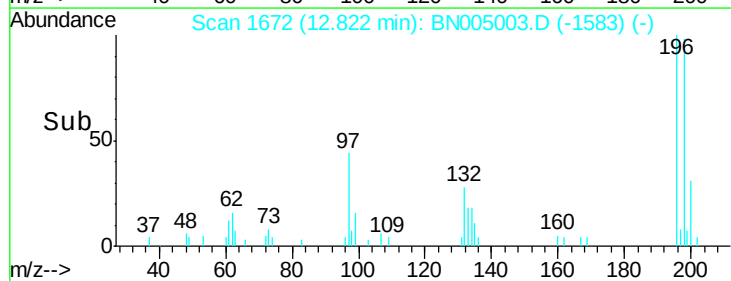
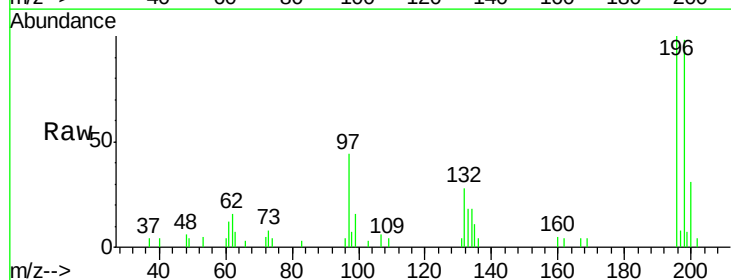
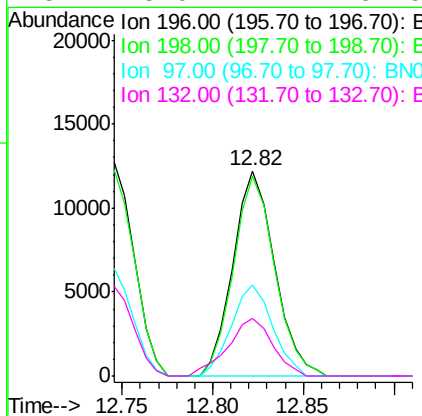
Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

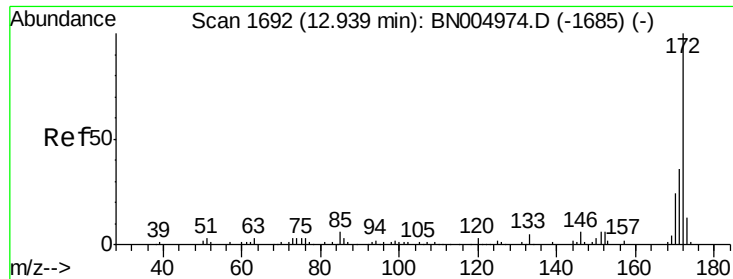
Tot Ion:196 Resp: 18699
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.5 114.7
 200 31.2 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.168 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion:196 Resp: 19597
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.1 114.1
 97 44.2 34.8 52.2
 132 28.0 21.7 32.5

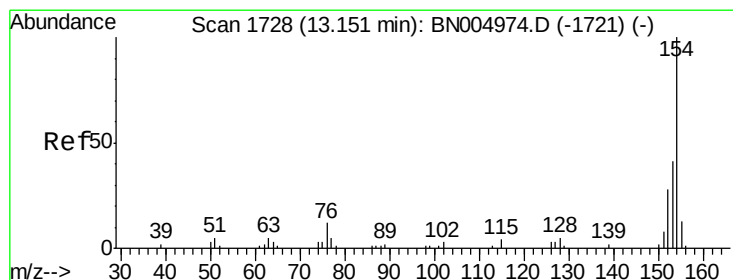
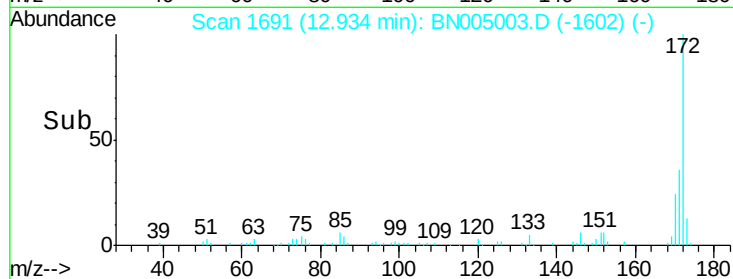
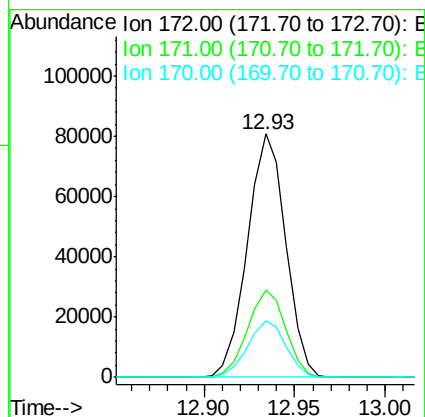
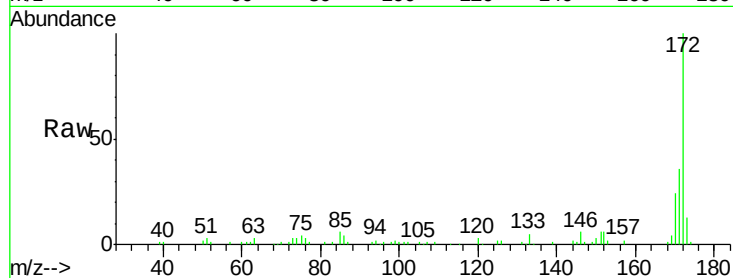




#45
2-Fluorobiphenyl
Concen: 81.090 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

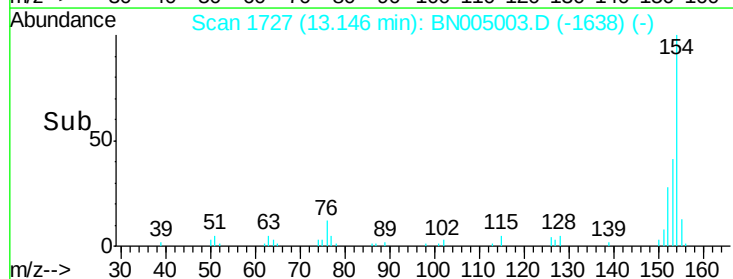
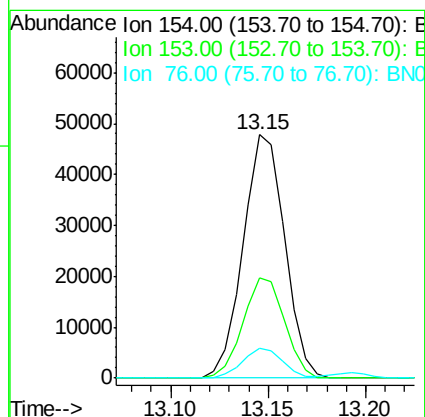
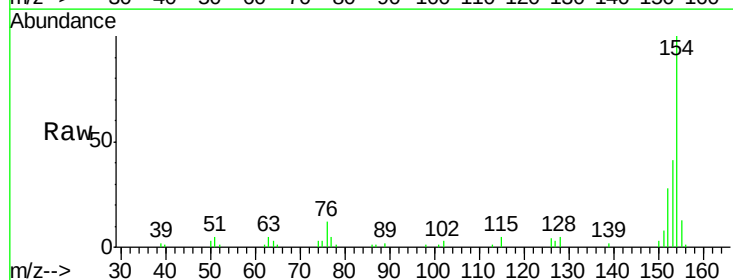
Instrument :
BNA_N
ClientSampled :
PB118322BS

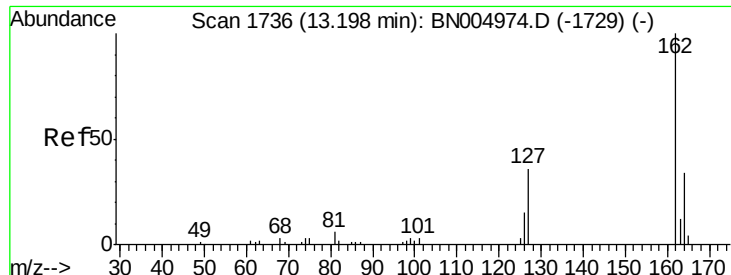
Tot Ion:172 Resp: 118612
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 43.028 ng
RT: 13.15 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion:154 Resp: 70587
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 12.0 0.0 32.2

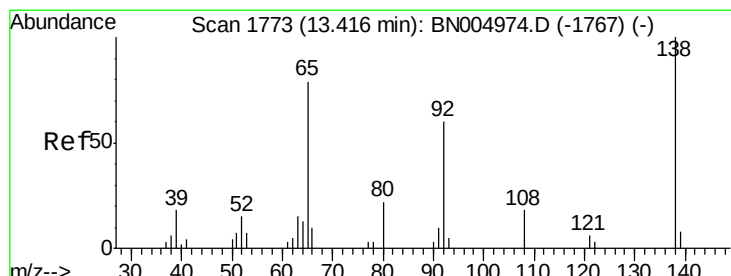
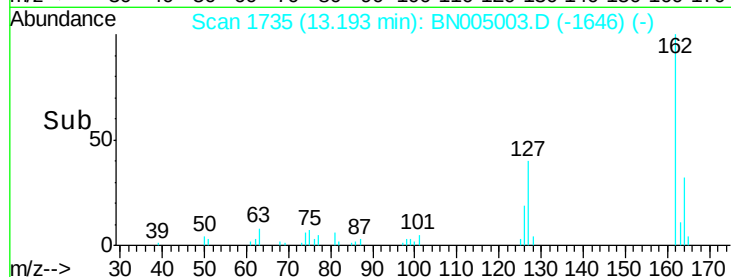
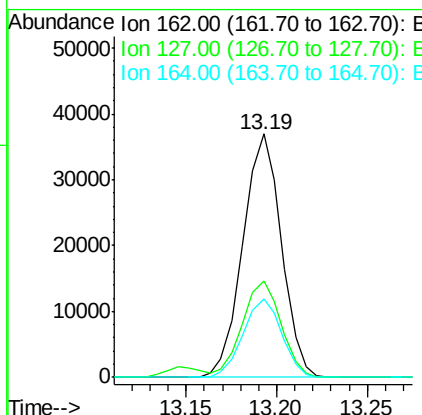
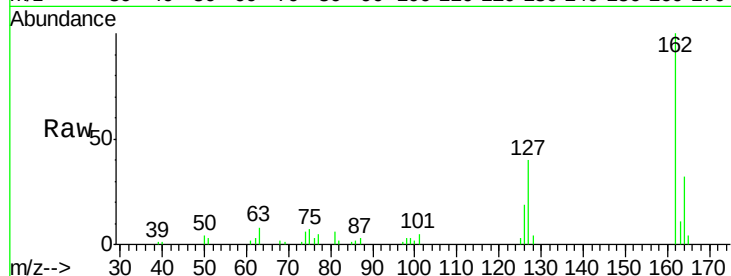




#47
2-Chloronaphthalene
Concen: 43.367 ng
RT: 13.19 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

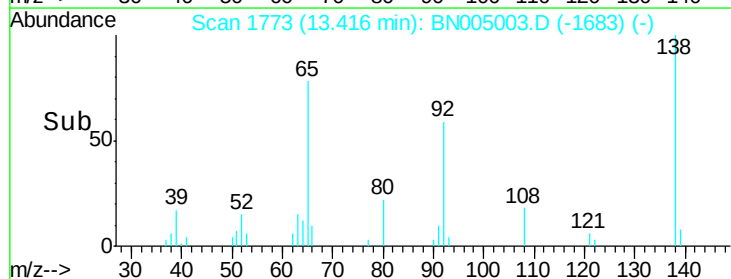
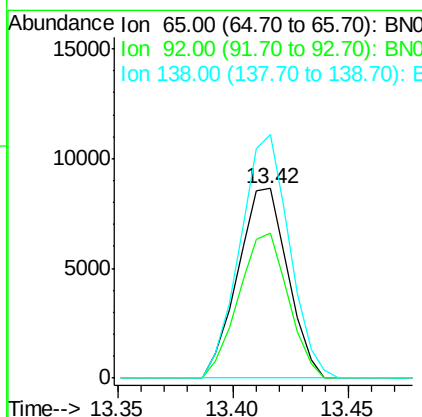
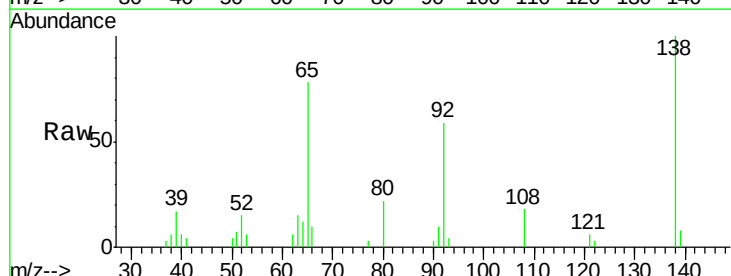
Instrument :
BNA_N
ClientSampleId :
PB118322BS

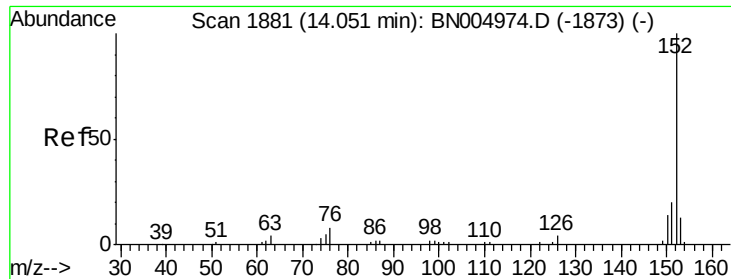
Tot Ion:162 Resp: 54595
Ion Ratio Lower Upper
162 100
127 39.7 32.4 48.6
164 32.0 26.8 40.2



#48
2-Nitroaniline
Concen: 38.876 ng
RT: 13.42 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion: 65 Resp: 13028
Ion Ratio Lower Upper
65 100
92 76.3 60.2 90.4
138 128.4 101.1 151.7





#49

Acenaphthylene

Concen: 40.464 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

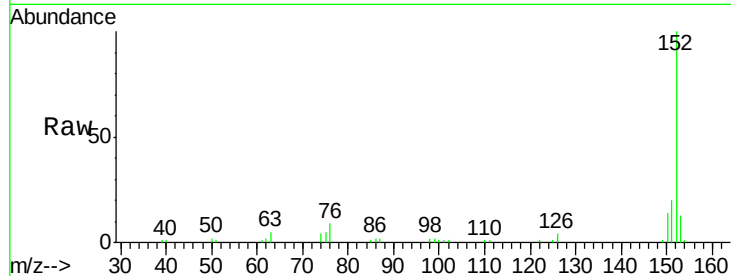
Tot Ion:152 Resp: 85678

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

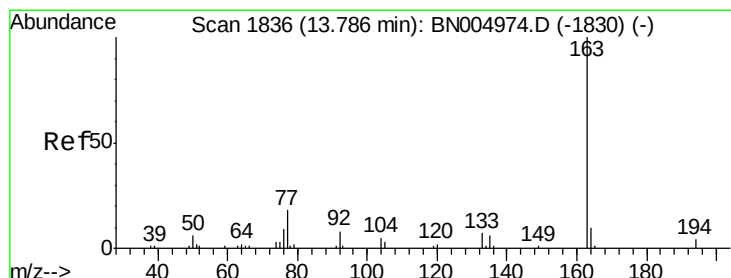
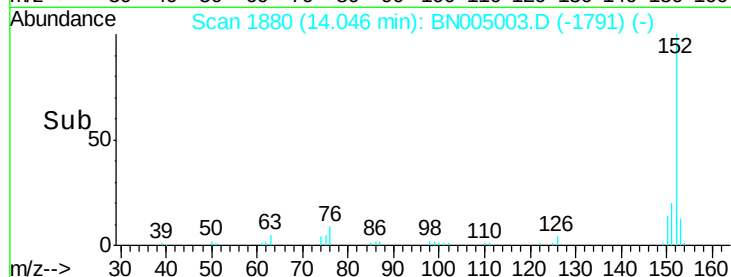
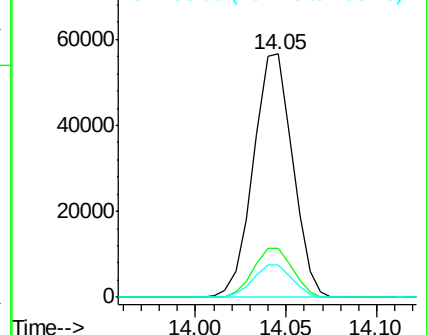
153 13.1 10.3 15.5



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: 40.265 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

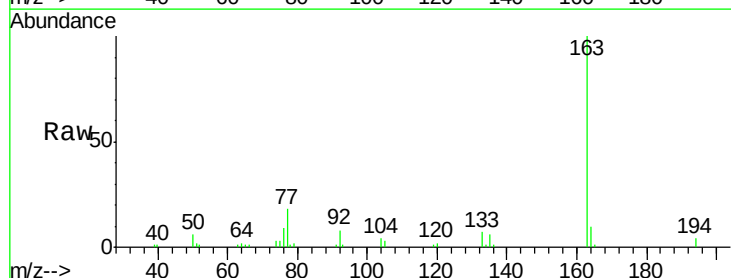
Tgt Ion:163 Resp: 64120

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

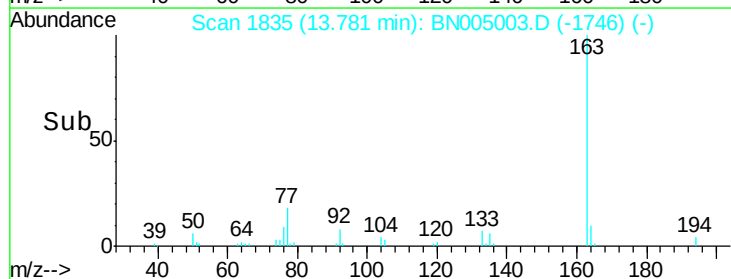
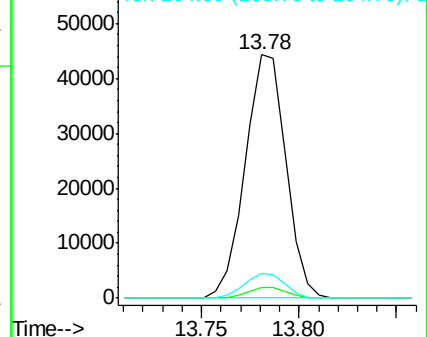
164 10.4 8.3 12.5

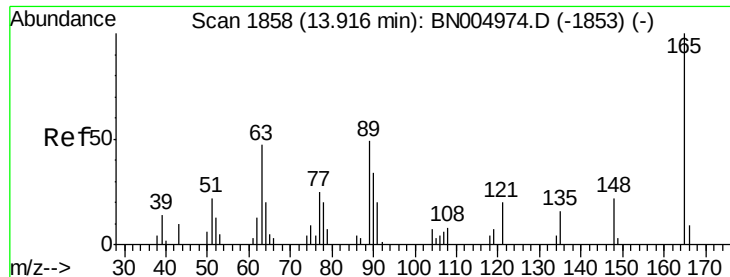


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

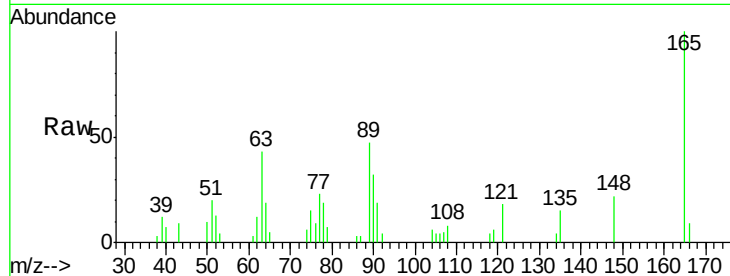




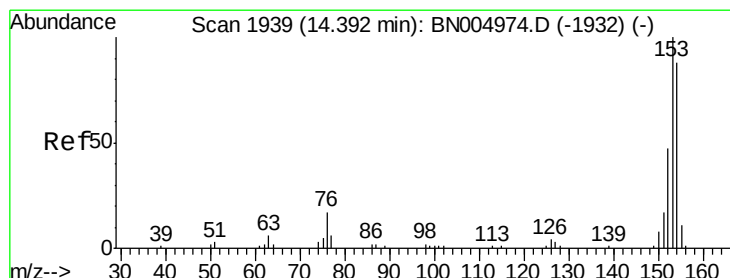
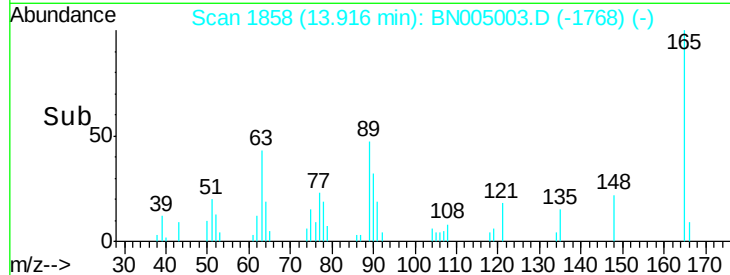
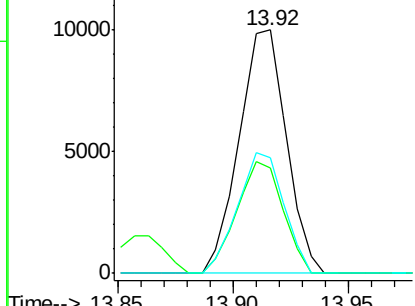
#51
 2,6-Dinitrotoluene
 Concen: 39.458 ng
 RT: 13.92 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

Tot Ion:165 Resp: 14298
 Ion Ratio Lower Upper
 165 100
 63 43.4 37.3 55.9
 89 47.4 39.2 58.8

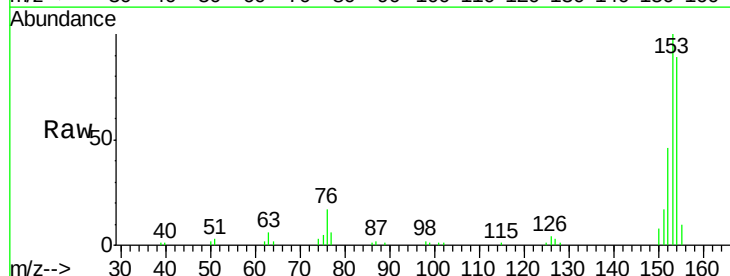


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 89.00 (88.70 to 89.70): BNC

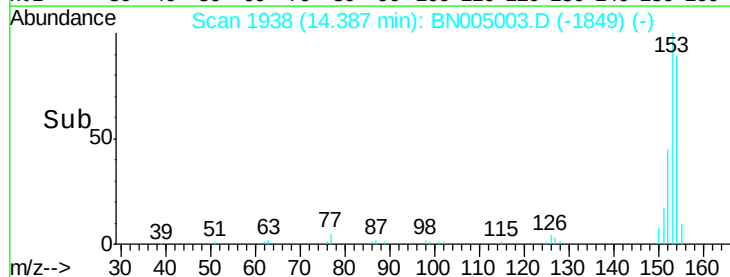
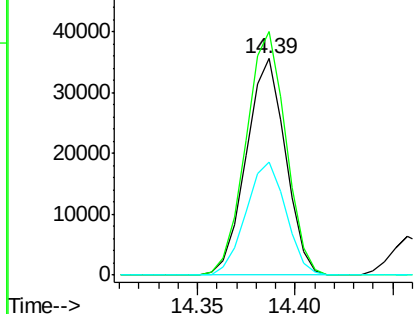


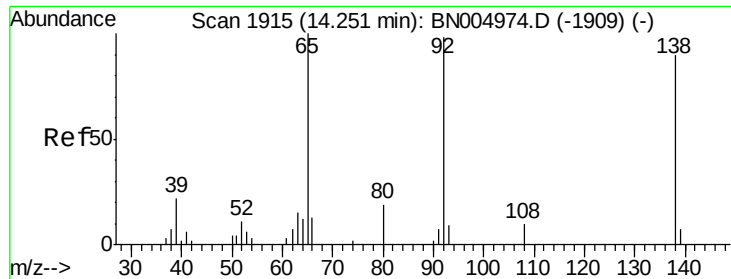
#52
 Acenaphthene
 Concen: 41.700 ng
 RT: 14.39 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion:154 Resp: 49669
 Ion Ratio Lower Upper
 154 100
 153 112.6 91.0 136.4
 152 52.0 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

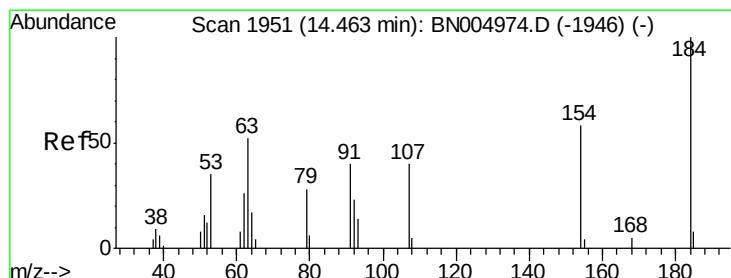
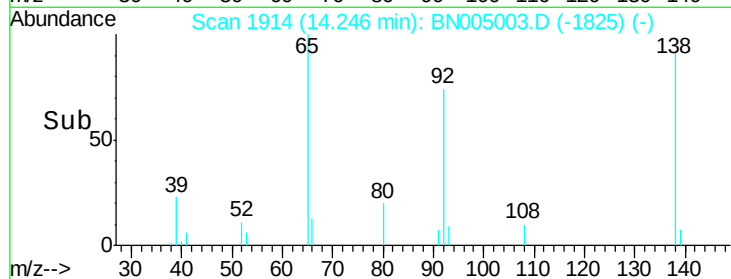
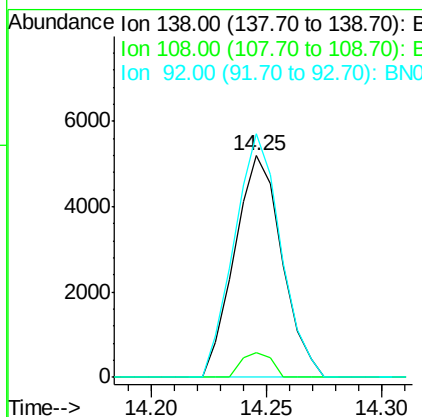
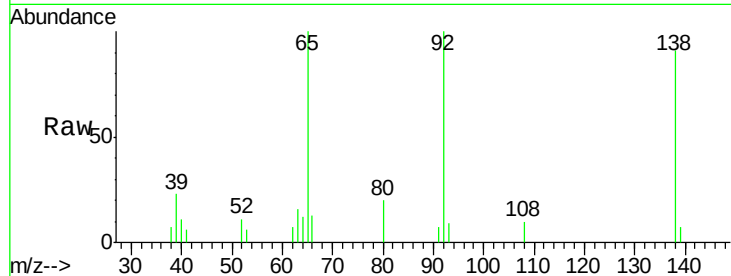




#53
 3-Nitroaniline
 Concen: 20.132 ng
 RT: 14.25 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

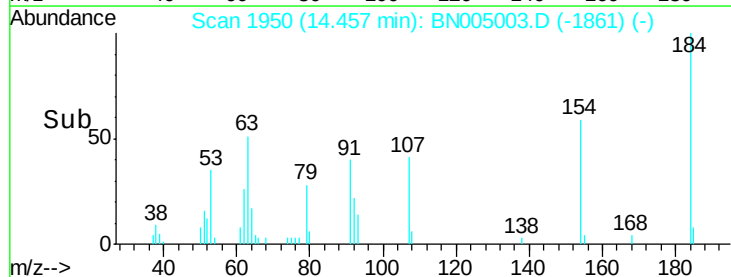
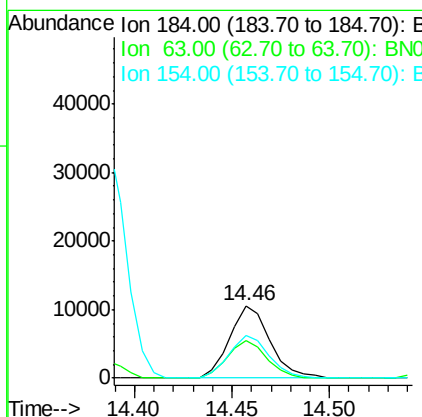
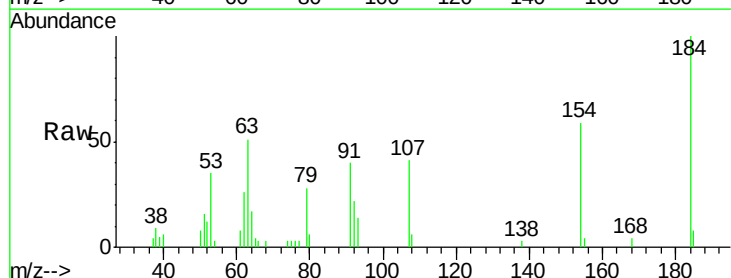
Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

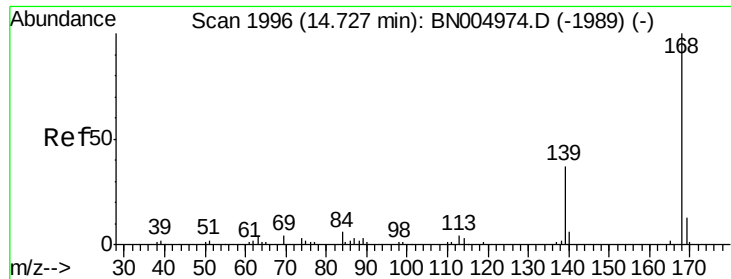
Tot Ion:138 Resp: 7456
 Ion Ratio Lower Upper
 138 100
 108 11.1 8.6 12.8
 92 109.9 86.9 130.3



#54
 2,4-Dinitrophenol
 Concen: 70.545 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion:184 Resp: 15044
 Ion Ratio Lower Upper
 184 100
 63 51.2 41.6 62.4
 154 59.3 46.8 70.2

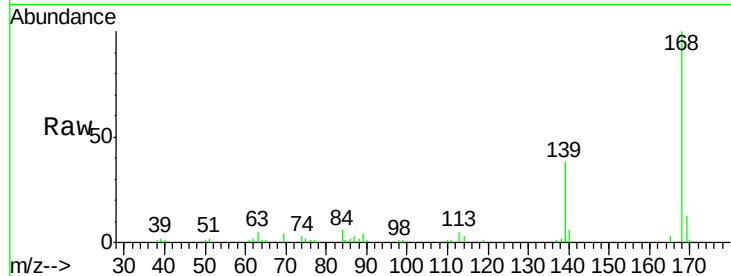




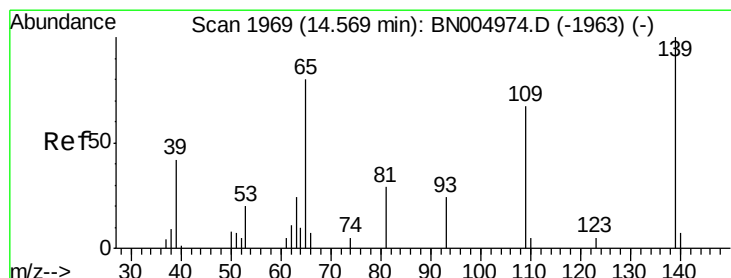
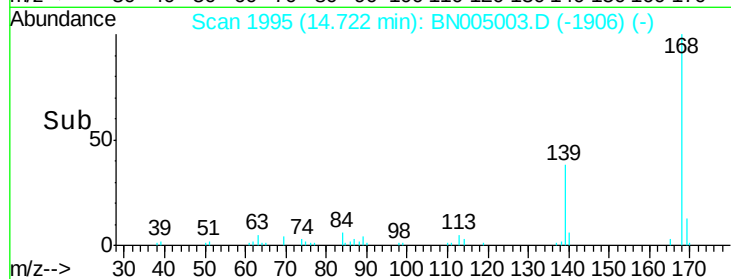
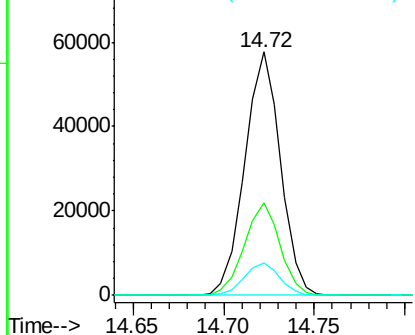
#55
Dibenzenofuran
Concen: 41.477 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Instrument :
BNA_N
ClientSampleId :
PB118322BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	29.9	44.9
169	13.1	10.6	15.8

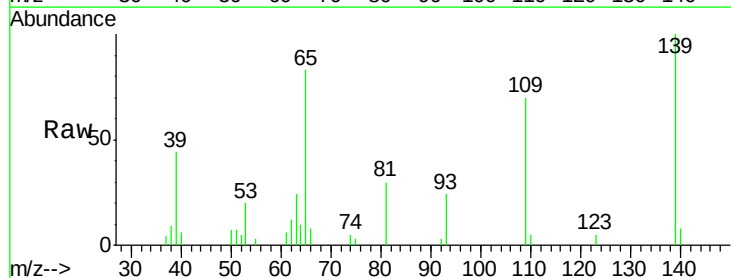


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

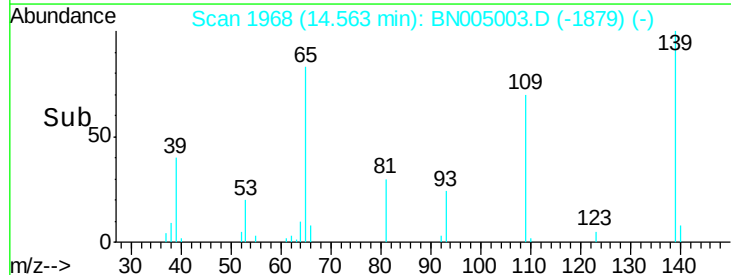
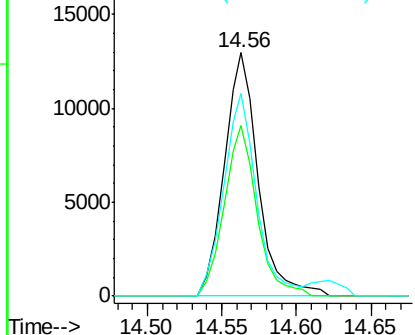


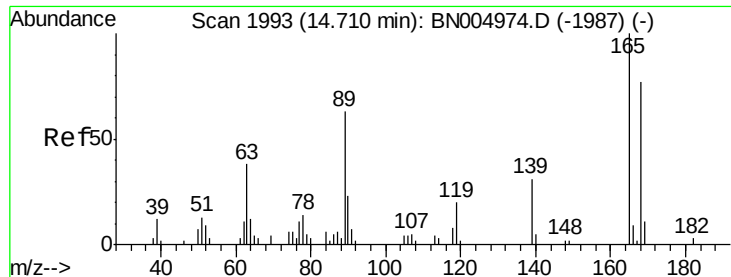
#56
4-Nitrophenol
Concen: 70.420 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.0	46.5	86.5
65	83.1	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): BNC

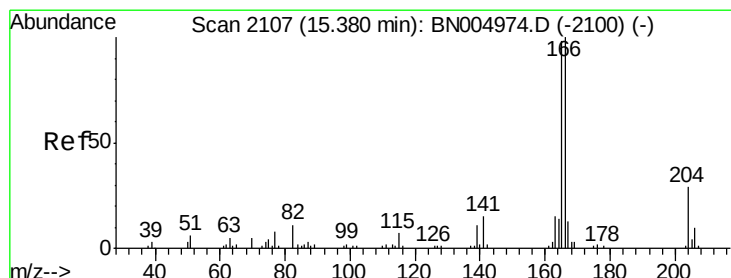
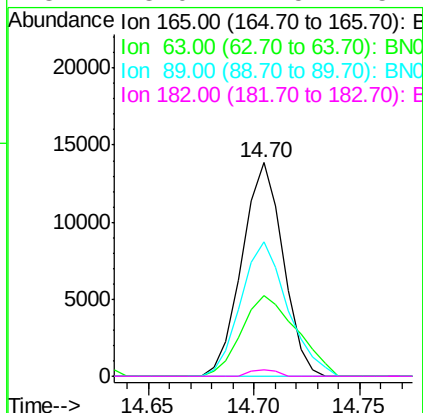
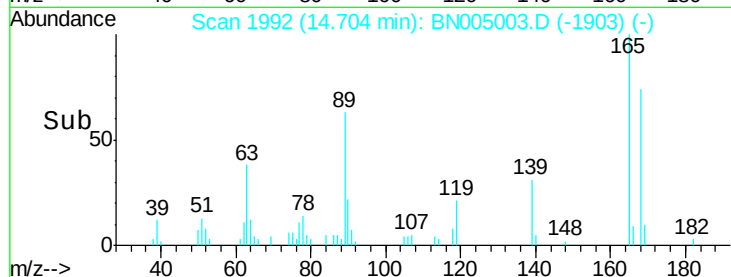
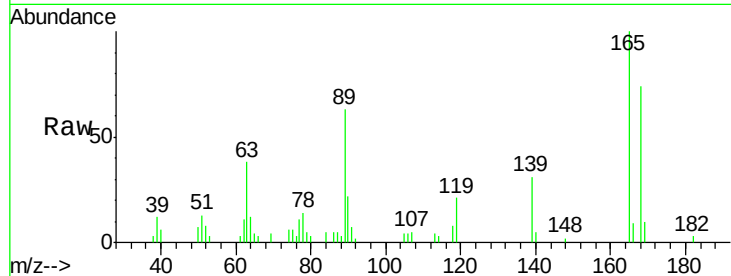




#57
2,4-Dinitrotoluene
Concen: 38.061 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

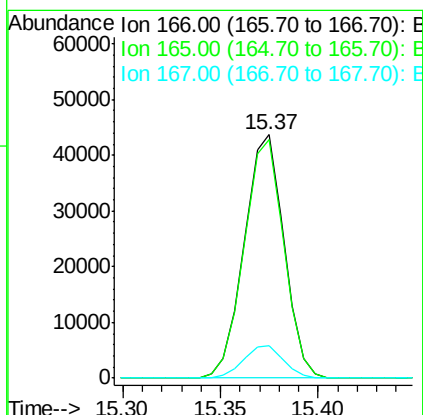
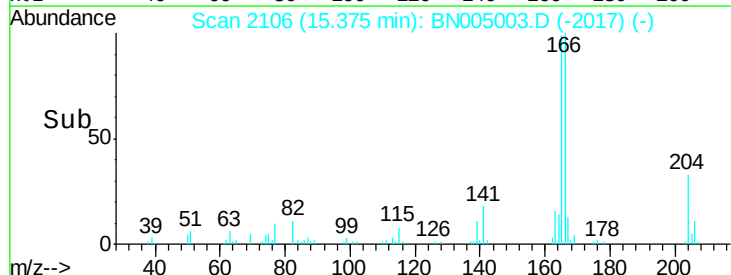
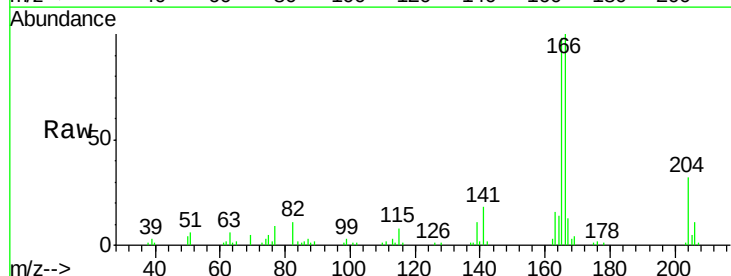
Instrument :
BNA_N
ClientSampleId :
PB118322BS

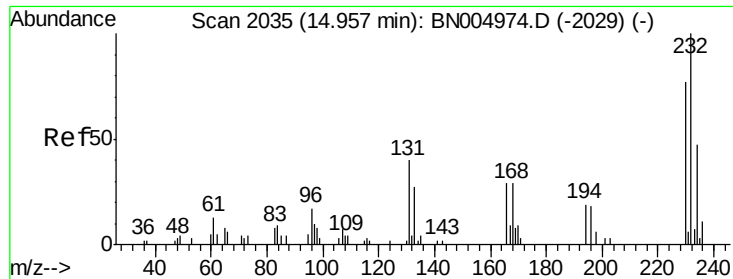
Tot Ion:165 Resp: 18743
Ion Ratio Lower Upper
165 100
63 37.6 30.4 45.6
89 62.9 50.7 76.1
182 3.0 2.5 3.7



#58
Fluorene
Concen: 40.161 ng
RT: 15.37 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion:166 Resp: 61490
Ion Ratio Lower Upper
166 100
165 97.8 78.3 117.5
167 13.3 10.6 15.8

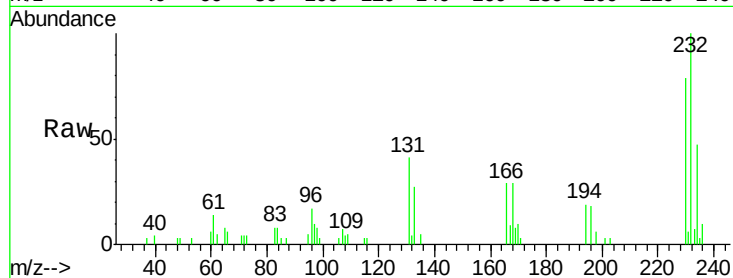




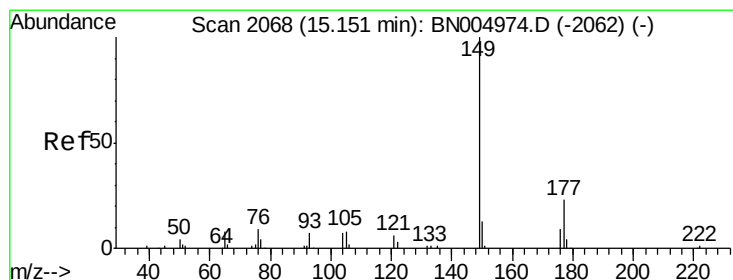
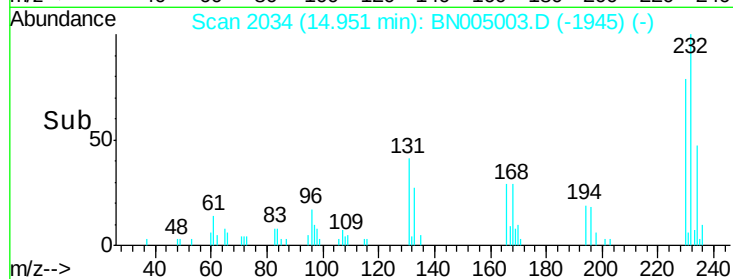
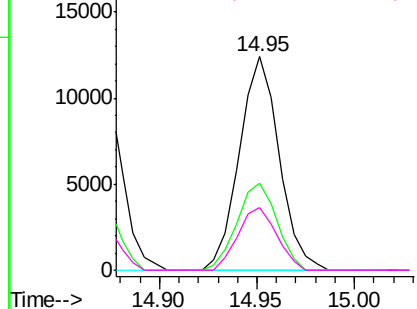
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.750 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

Tot Ion:	232	Resp:	17559
Ion	Ratio	Lower	Upper
232	100		
131	40.7	32.4	48.6
130	0.0	0.9	1.3#
166	28.5	22.6	34.0

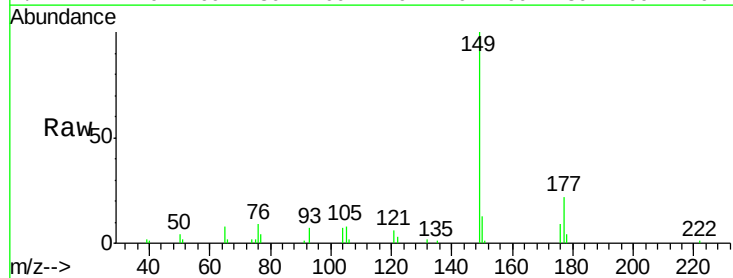


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

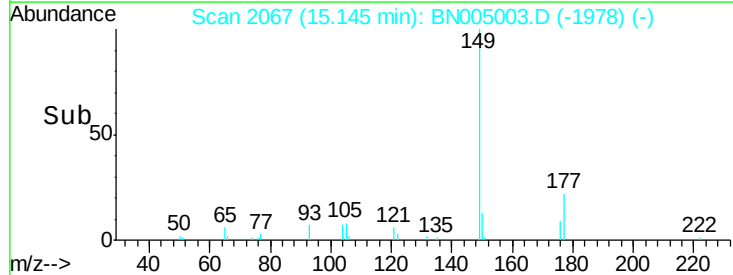
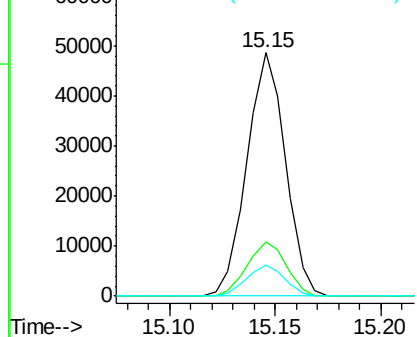


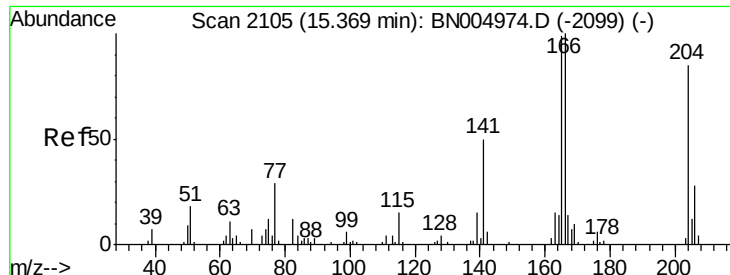
#60
 Diethylphthalate
 Concen: 38.702 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion:	149	Resp:	61500
Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.1	27.1
150	12.6	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

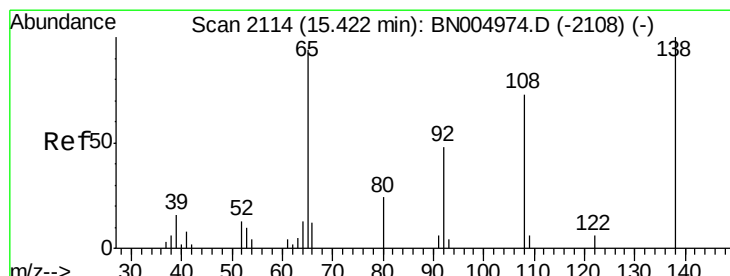
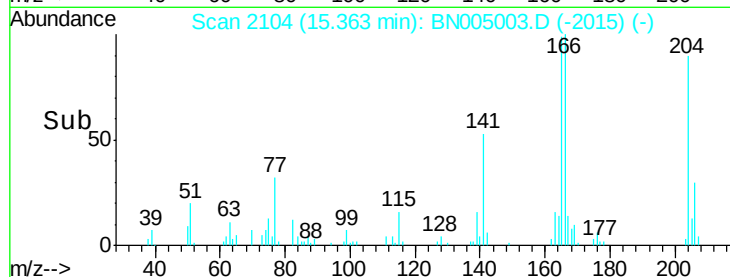
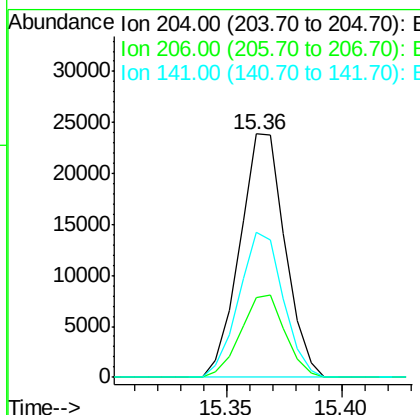
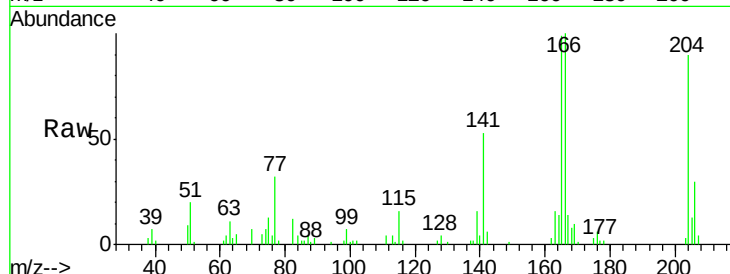




#61
 4-Chlorophenyl-phenylether
 Concen: 41.298 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

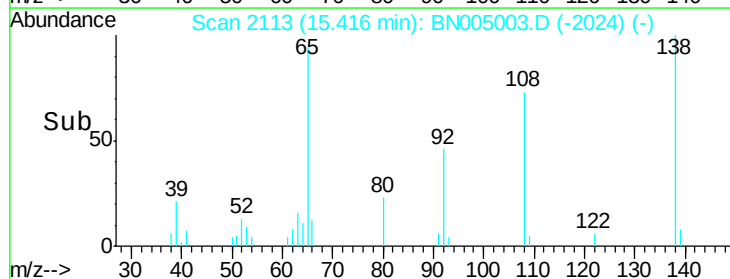
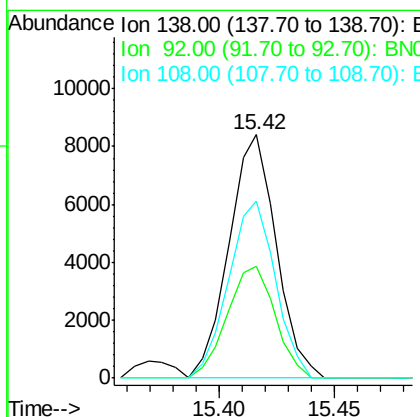
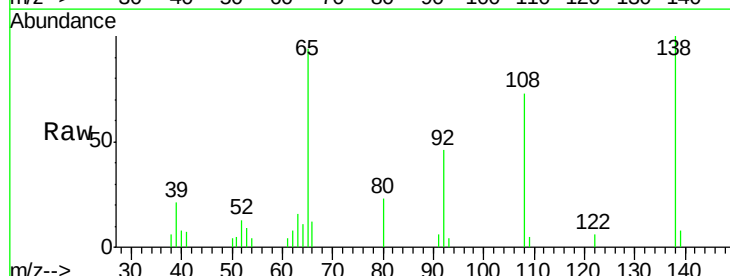
Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

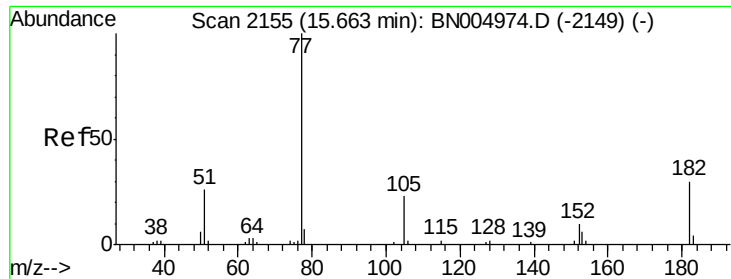
Tot Ion:204 Resp: 32619
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.5 39.7
 141 59.3 47.2 70.8



#62
 4-Nitroaniline
 Concen: 32.149 ng
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion:138 Resp: 11963
 Ion Ratio Lower Upper
 138 100
 92 45.8 26.4 66.4
 108 72.7 50.8 90.8





#63

Azobenzene

Concen: 39.180 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

Tot Ion: 77 Resp: 51827

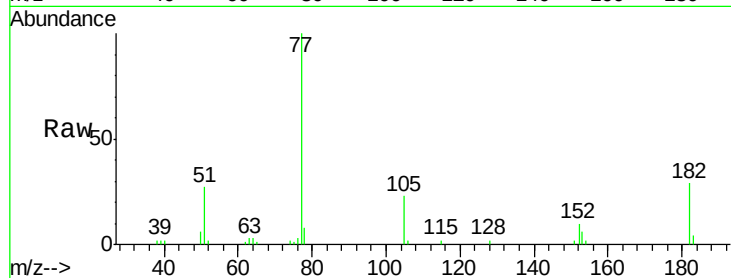
Ion Ratio Lower Upper

77 100

182 29.3 10.0 50.0

105 22.5 2.9 42.9

51 26.5 6.0 46.0

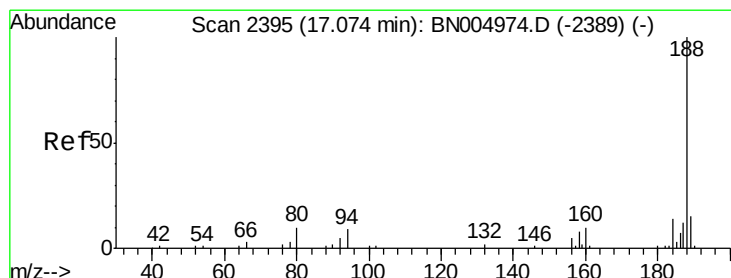
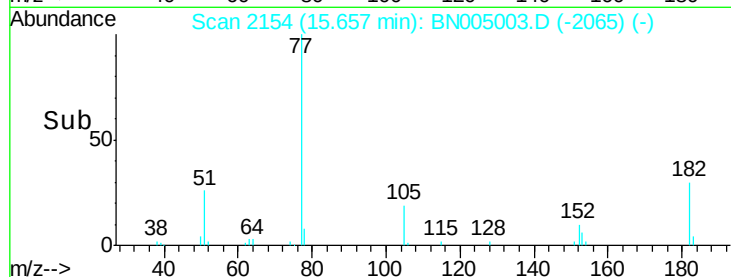
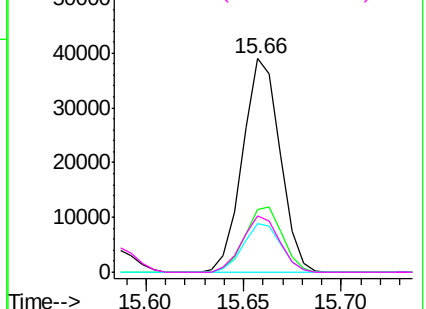


Abundance Ion 77.00 (76.70 to 77.70): BN004974.D (-2149) (-)

Ion 182.00 (181.70 to 182.70): BN004974.D (-2149) (-)

Ion 105.00 (104.70 to 105.70): BN004974.D (-2149) (-)

Ion 51.00 (50.70 to 51.70): BN004974.D (-2149) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

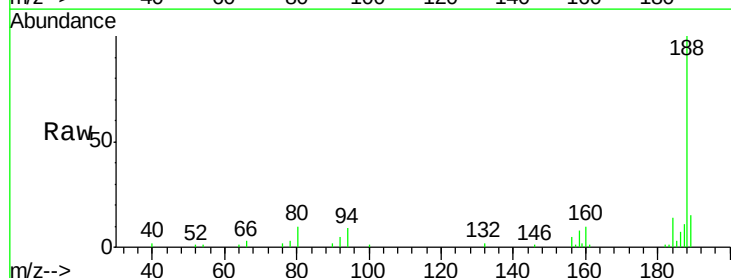
Tgt Ion: 188 Resp: 37599

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

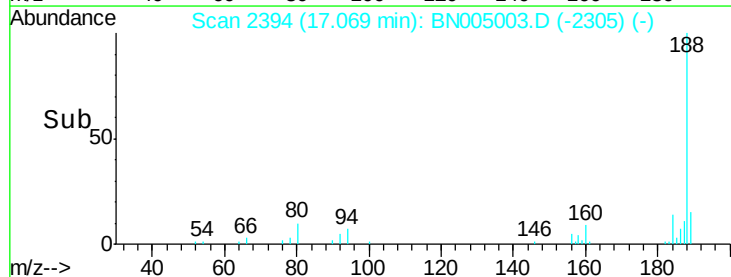
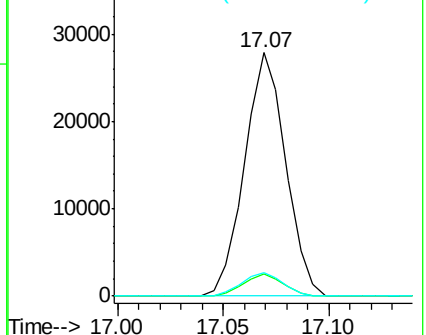
80 9.8 7.8 11.6

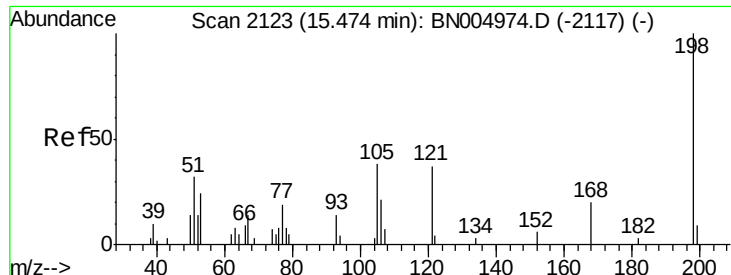


Abundance Ion 188.00 (187.70 to 188.70): BN004974.D (-2389) (-)

Ion 94.00 (93.70 to 94.70): BN004974.D (-2389) (-)

Ion 80.00 (79.70 to 80.70): BN004974.D (-2389) (-)

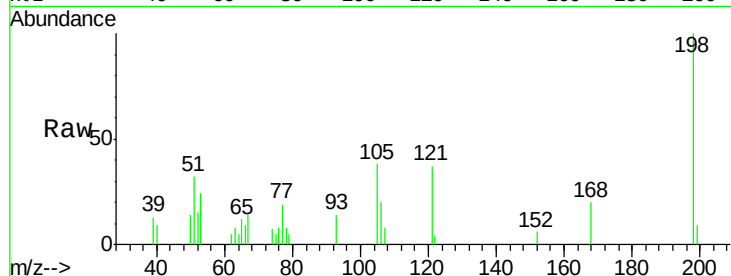




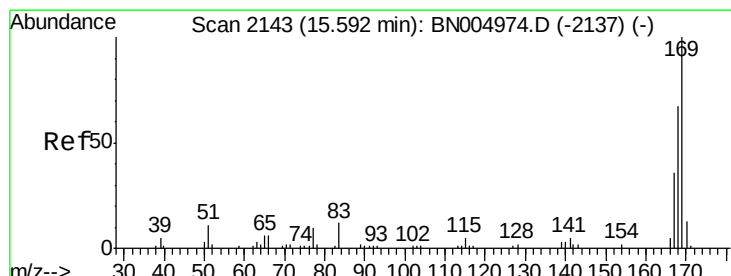
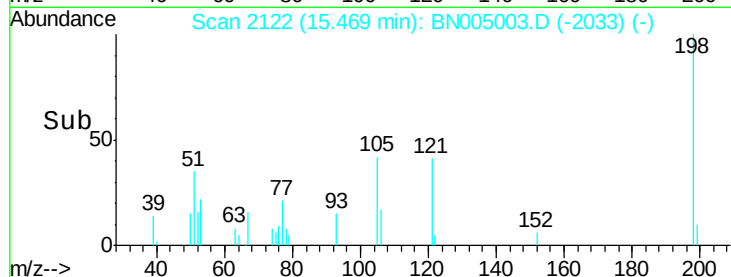
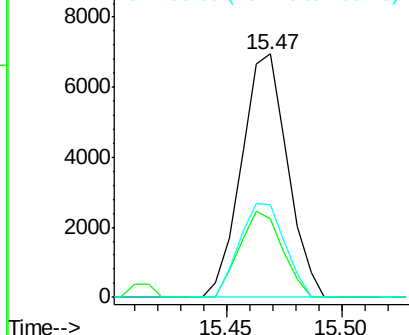
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.804 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

Tot Ion:198 Resp: 9644
 Ion Ratio Lower Upper
 198 100
 51 32.3 12.0 52.0
 105 38.2 17.6 57.6

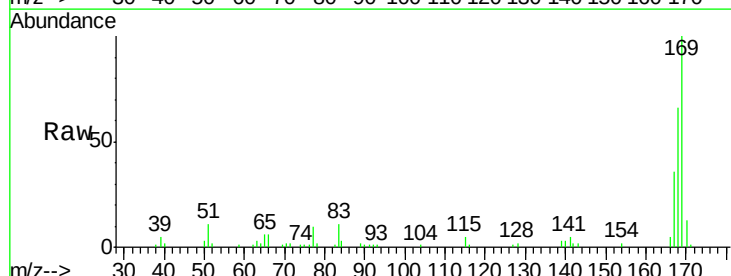


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

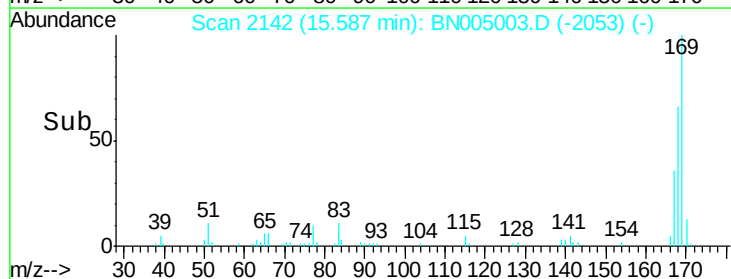
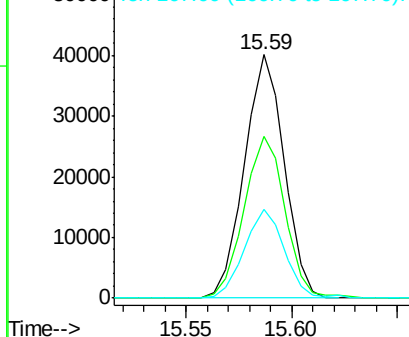


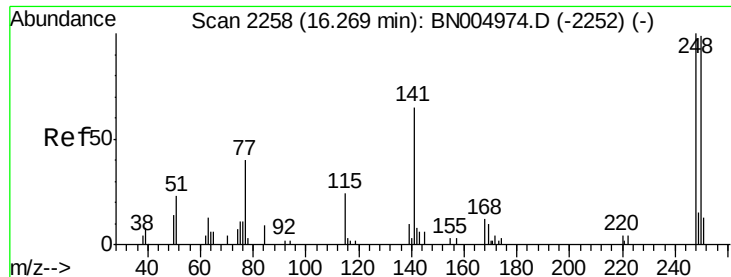
#66
 n-Nitrosodiphenylamine
 Concen: 44.280 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion:169 Resp: 52443
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.4 80.2
 167 36.3 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

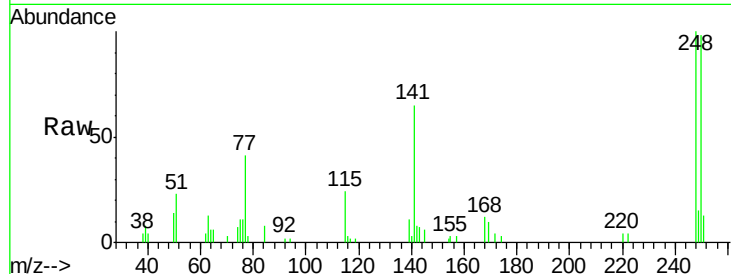




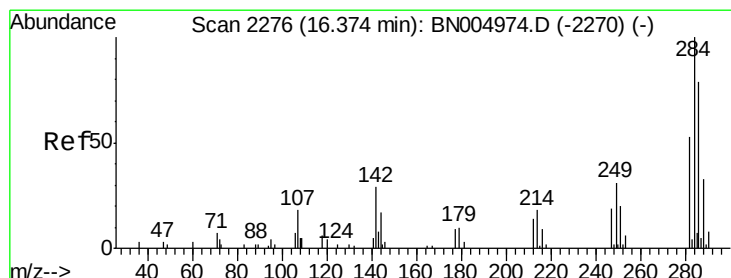
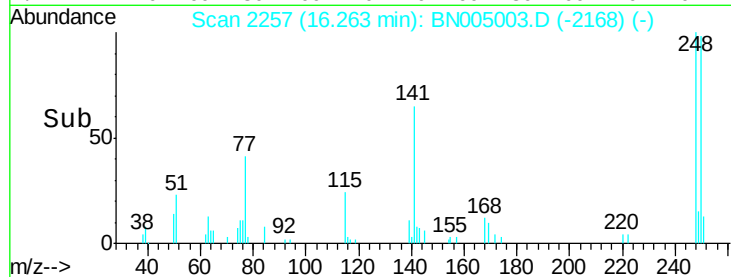
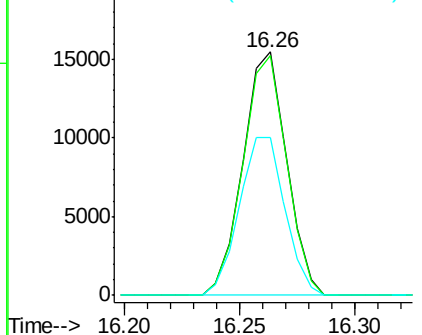
#67
 4-Bromophenyl-phenylether
 Concen: 43.562 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

Tot Ion:248 Resp: 20439
 Ion Ratio Lower Upper
 248 100
 250 98.5 79.4 119.2
 141 65.0 52.3 78.5

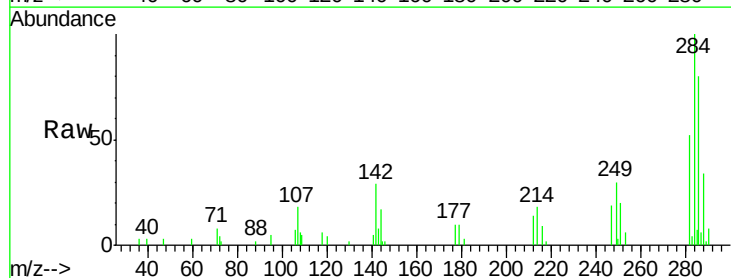


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

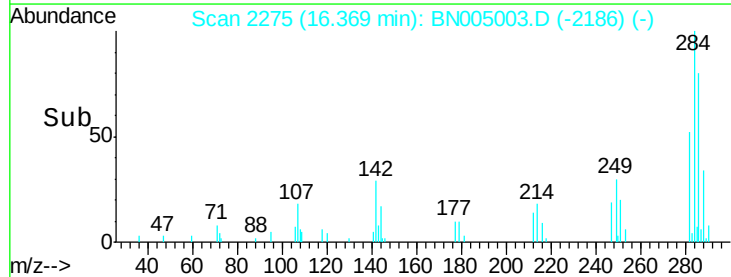
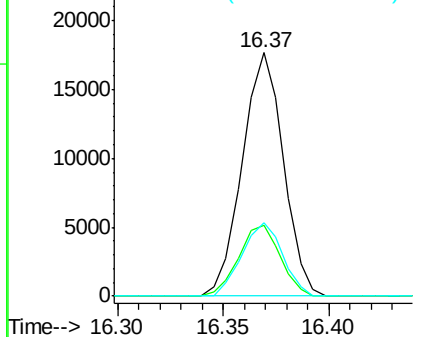


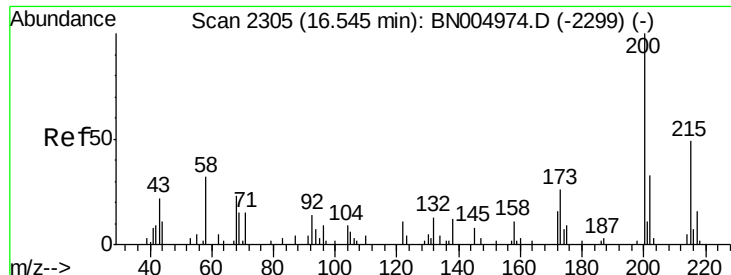
#68
 Hexachlorobenzene
 Concen: 43.456 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion:284 Resp: 23888
 Ion Ratio Lower Upper
 284 100
 142 29.1 23.5 35.3
 249 30.4 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: 40.193 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

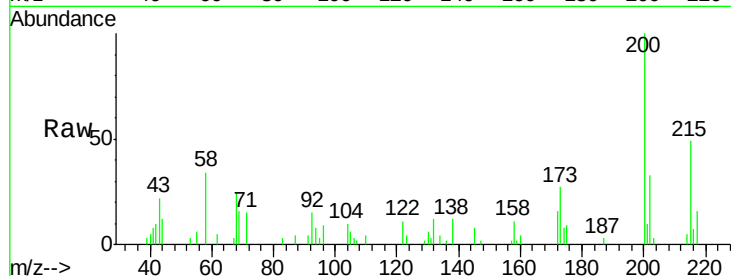
Tot Ion:200 Resp: 17007

Ion Ratio Lower Upper

200 100

173 26.9 6.4 46.4

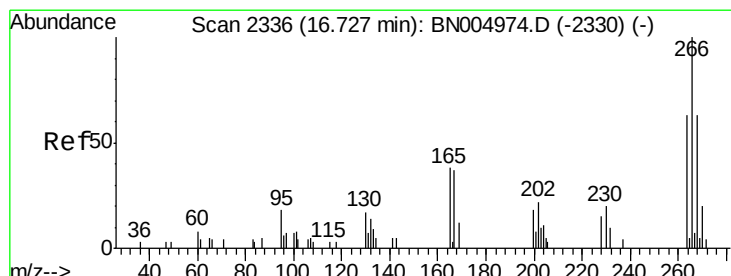
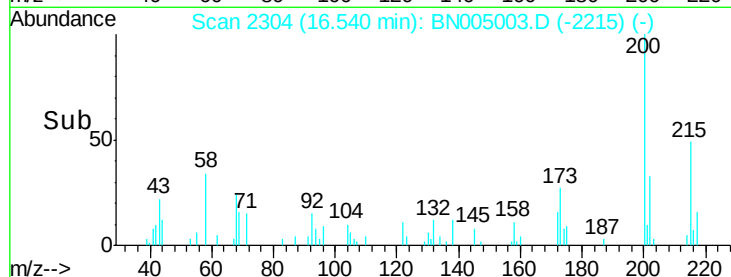
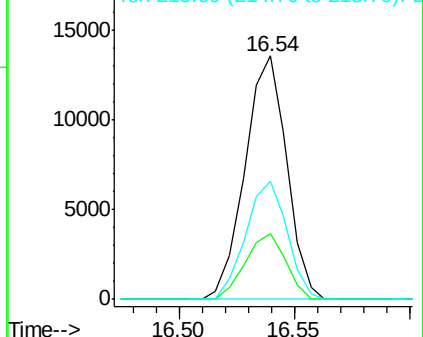
215 48.8 28.8 68.8



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: 79.029 ng

RT: 16.72 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

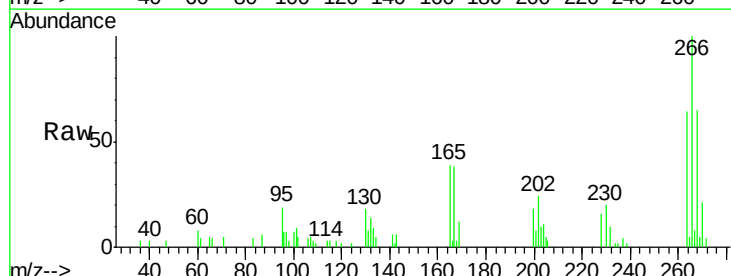
Tgt Ion:266 Resp: 22841

Ion Ratio Lower Upper

266 100

268 65.4 50.8 76.2

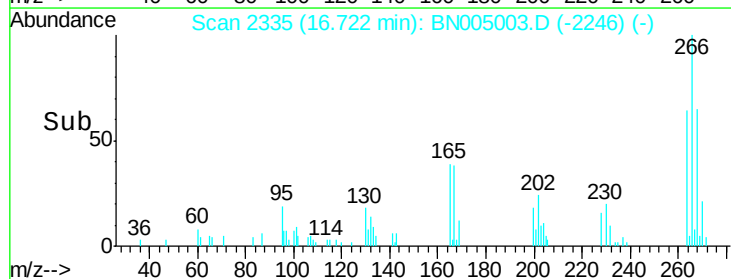
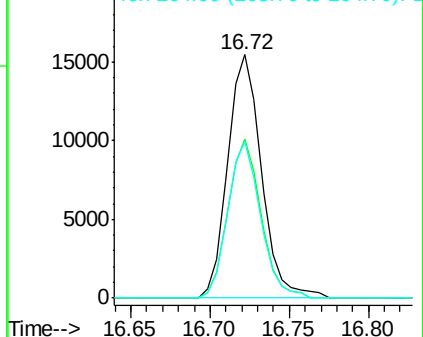
264 64.1 50.0 75.0

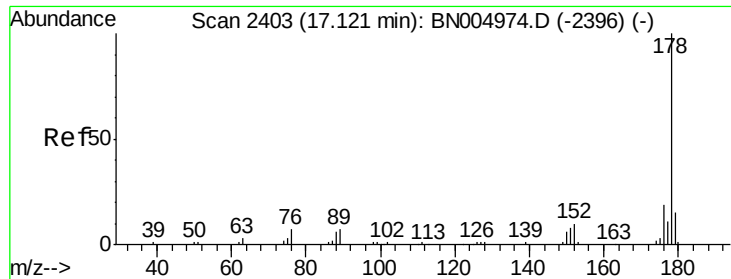


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

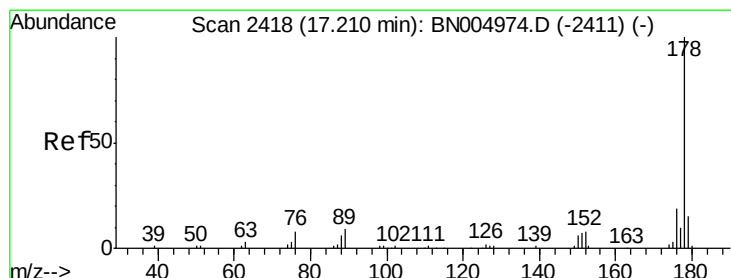
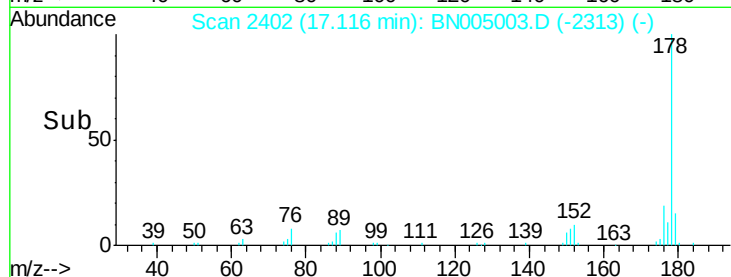
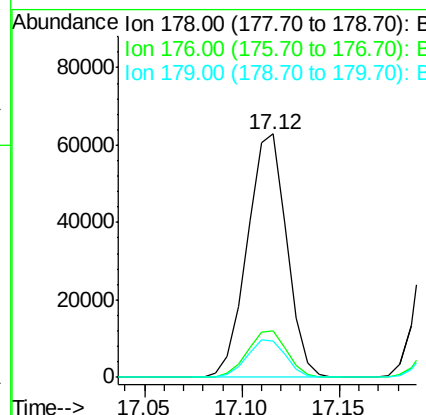
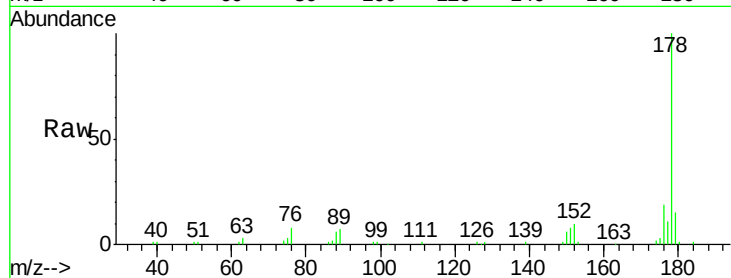




#71
Phenanthrene
Concen: 41.624 ng
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

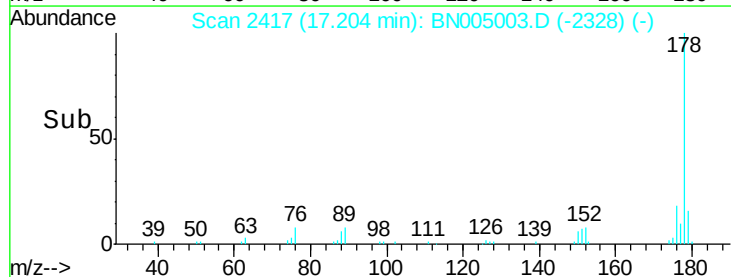
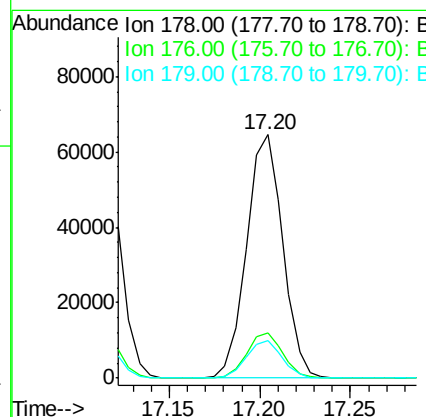
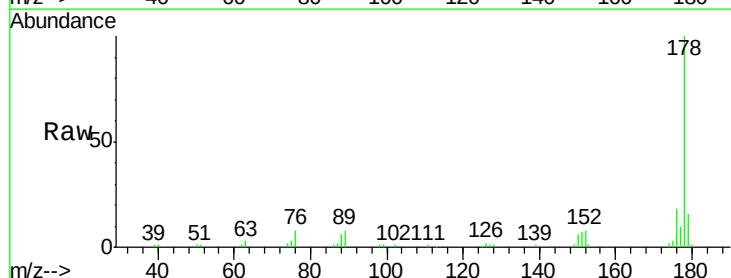
Instrument :
BNA_N
ClientSampleId :
PB118322BS

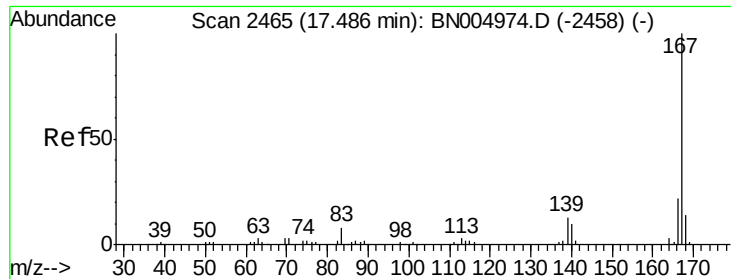
Tot Ion:178 Resp: 87937
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.0 12.3 18.5



#72
Anthracene
Concen: 42.578 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion:178 Resp: 89535
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.6 12.3 18.5

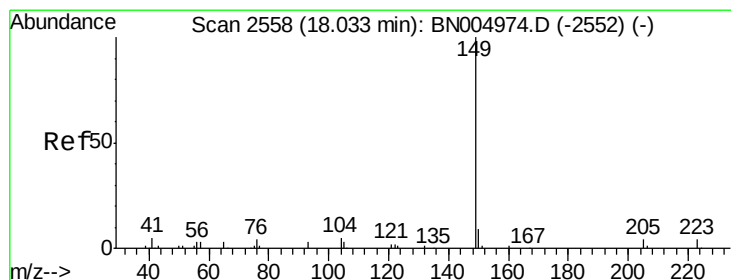
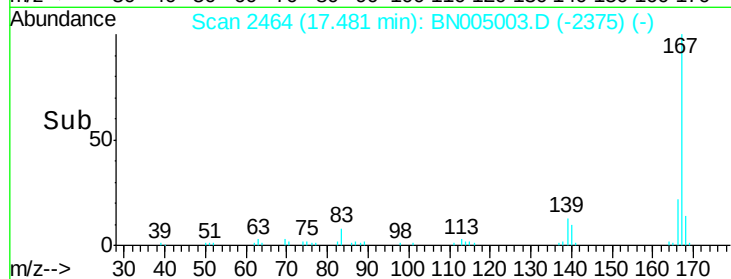
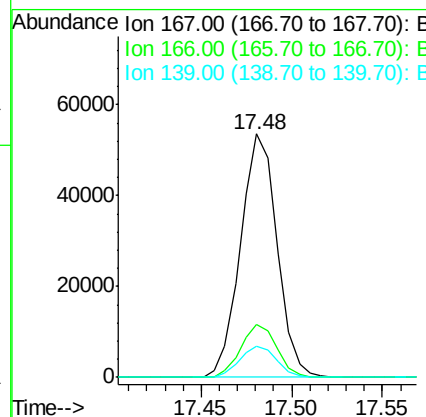
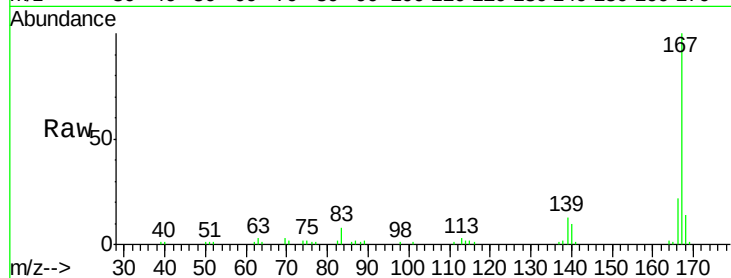




#73
 Carbazole
 Concen: 39.108 ng
 RT: 17.48 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

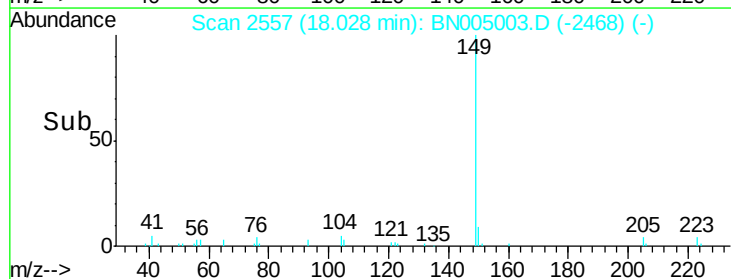
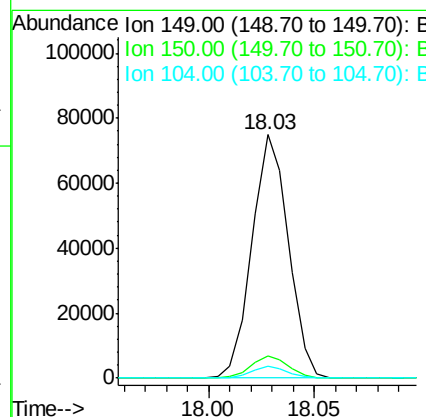
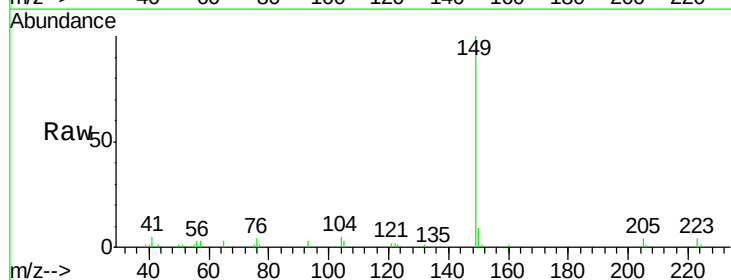
Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

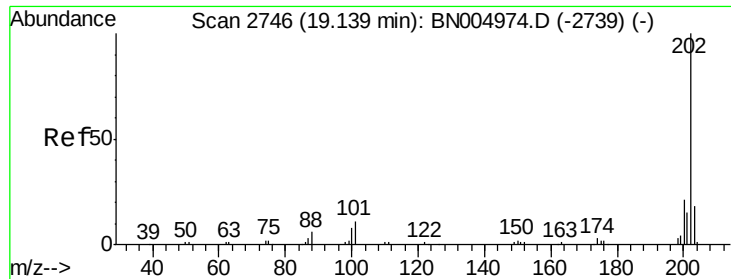
Tot Ion:167 Resp: 74855
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 13.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 38.514 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion:149 Resp: 89800
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 4.7 3.7 5.5

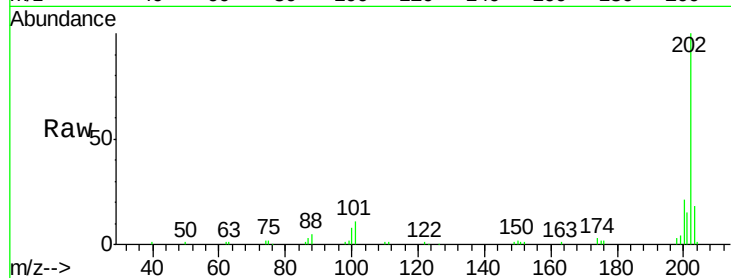




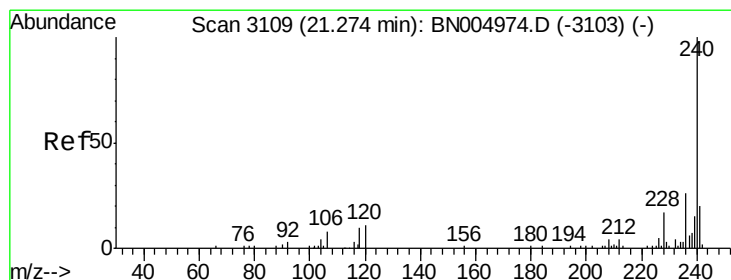
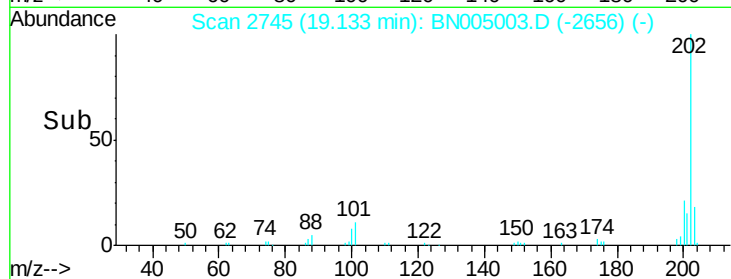
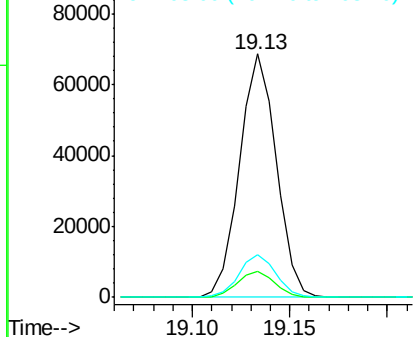
#75
 Fluoranthene
 Concen: 37.193 ng
 RT: 19.13 min Scan# 2745
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.1
203	17.6	0.0	37.5

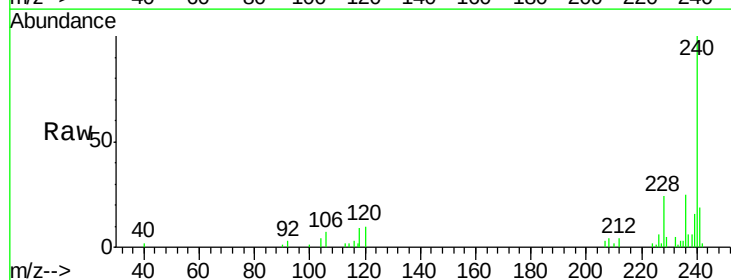


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

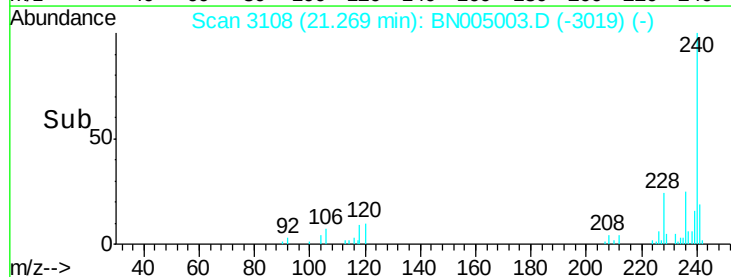
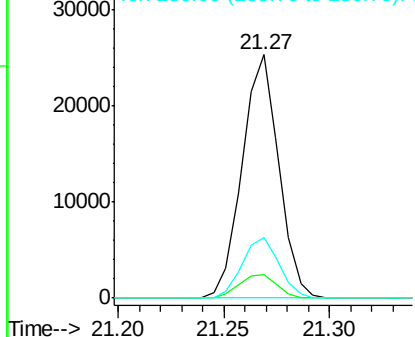


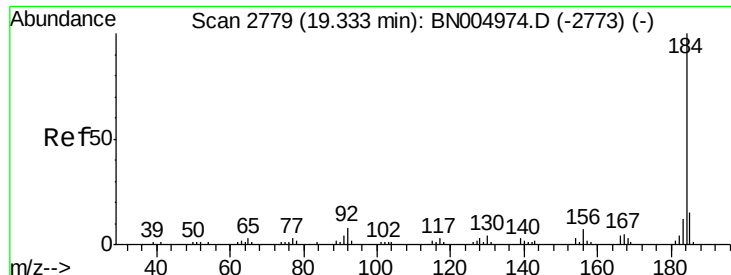
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.27 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.5	12.7
236	25.0	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

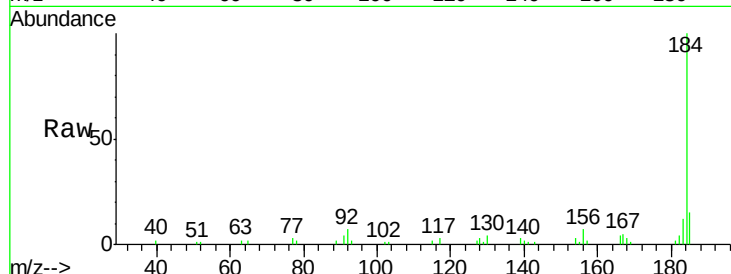




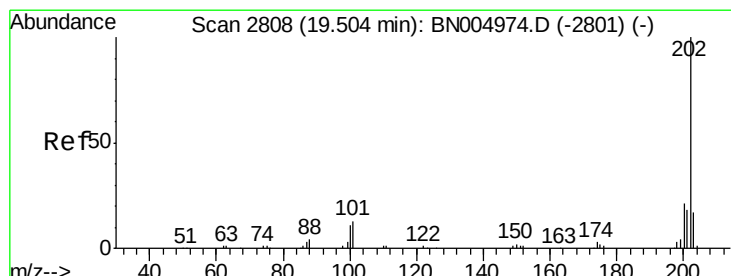
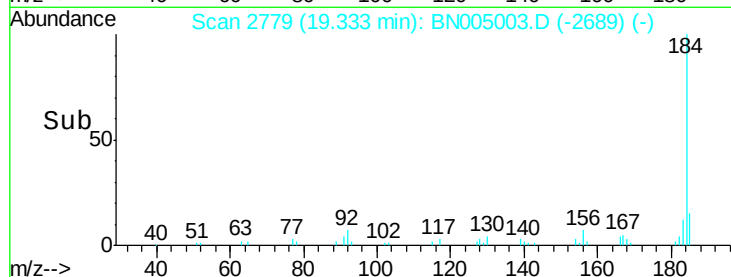
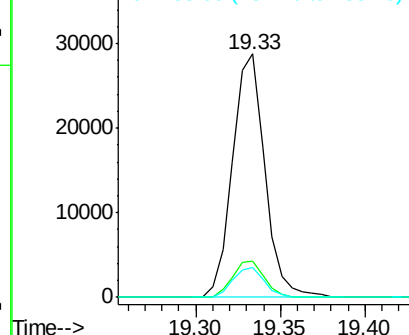
#77
Benzidine
Concen: 40.223 ng
RT: 19.33 min Scan# 2779
Delta R.T. 0.00 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Instrument :
BNA_N
ClientSampleId :
PB118322BS

Tot Ion:184 Resp: 38209
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.8
183 12.2 9.9 14.9

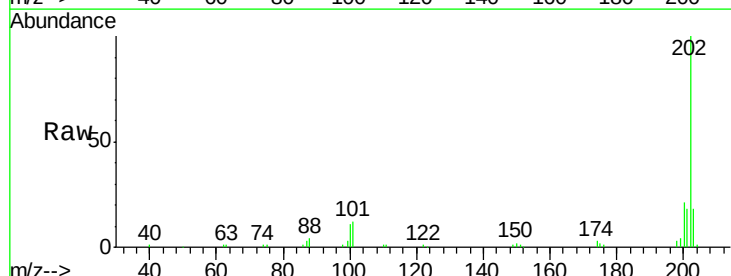


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

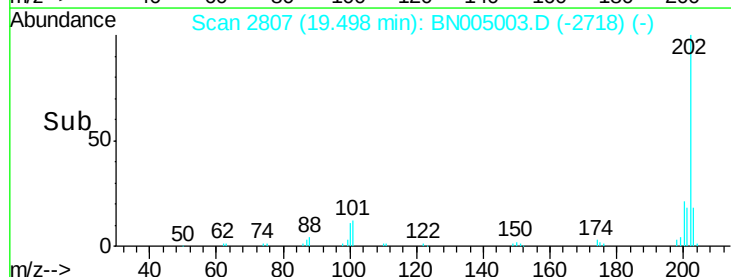
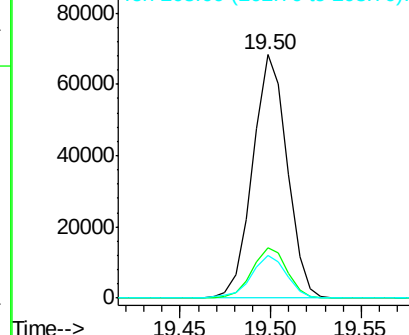


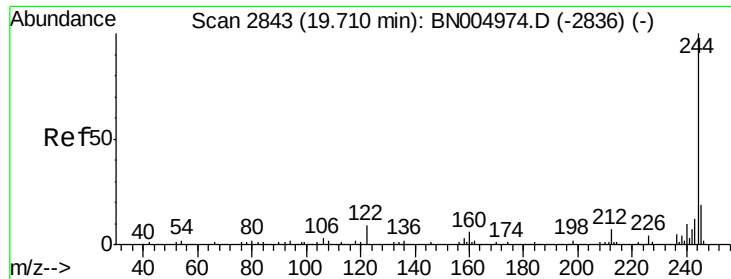
#78
Pyrene
Concen: 44.399 ng
RT: 19.50 min Scan# 2807
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion:202 Resp: 90364
Ion Ratio Lower Upper
202 100
200 20.5 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: 85.762 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

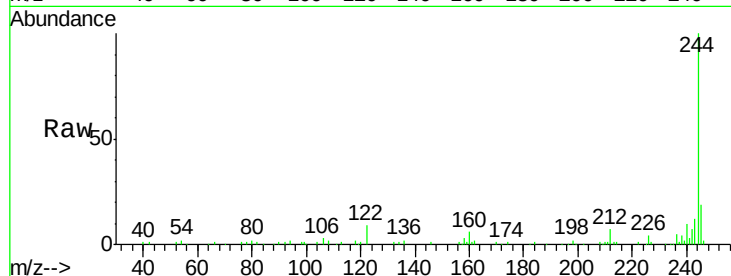
Tot Ion:244 Resp: 135781

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

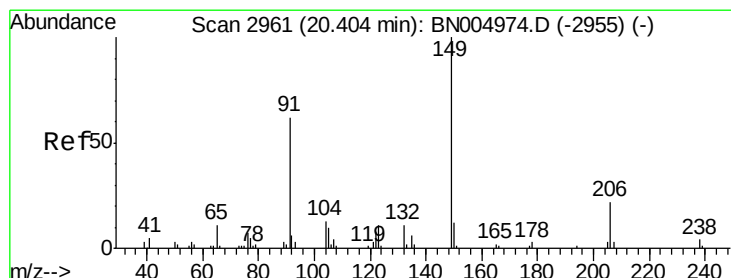
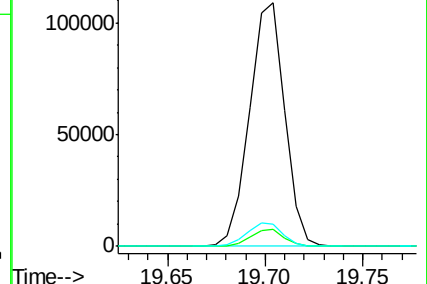
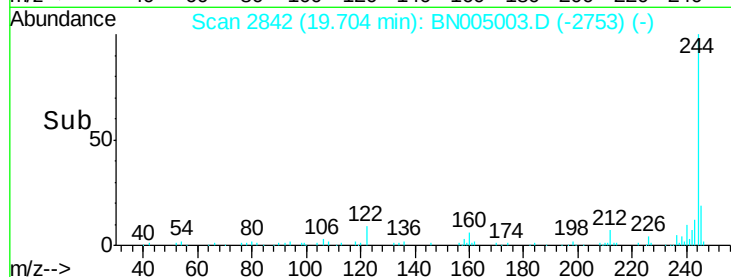
122 9.2 7.4 11.2



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: 40.166 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

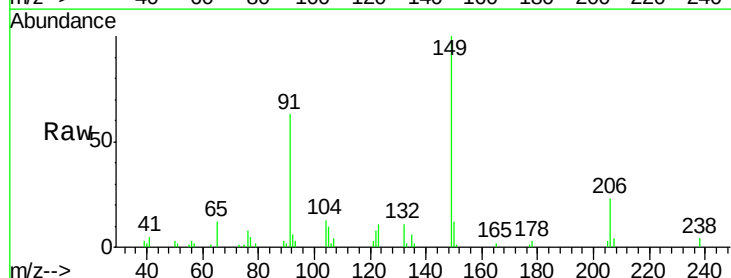
Tgt Ion:149 Resp: 33217

Ion Ratio Lower Upper

149 100

91 62.8 49.3 73.9

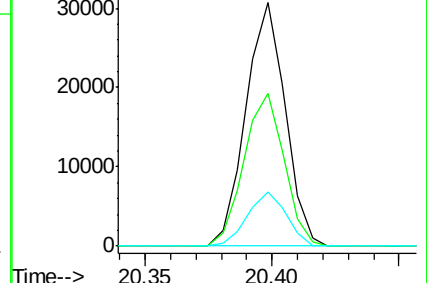
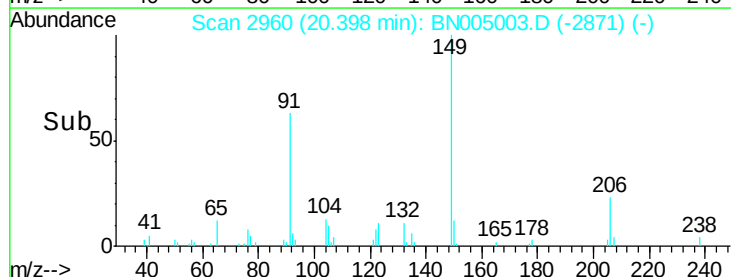
206 22.5 17.9 26.9

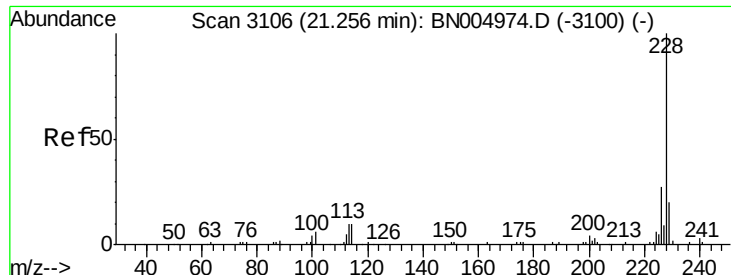


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.454 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

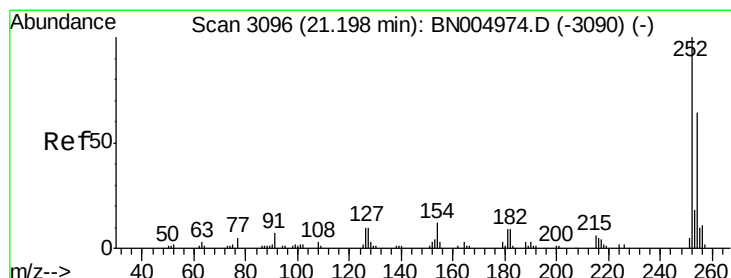
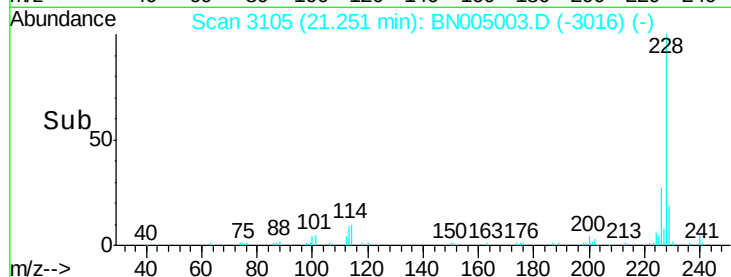
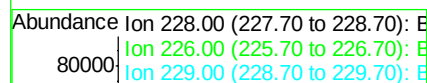
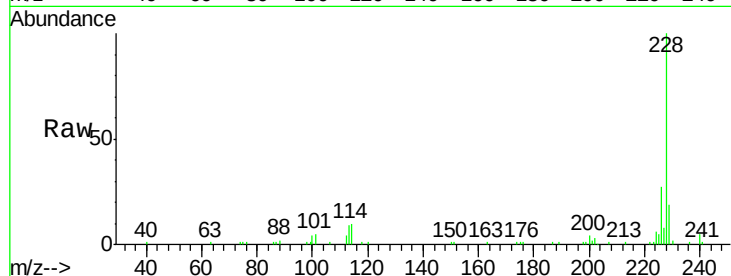
Tot Ion:228 Resp: 76808

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

229 19.3 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 23.471 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

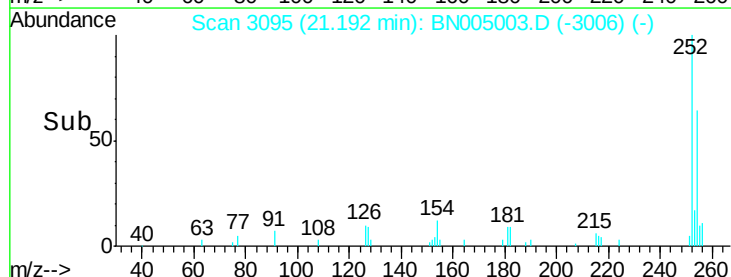
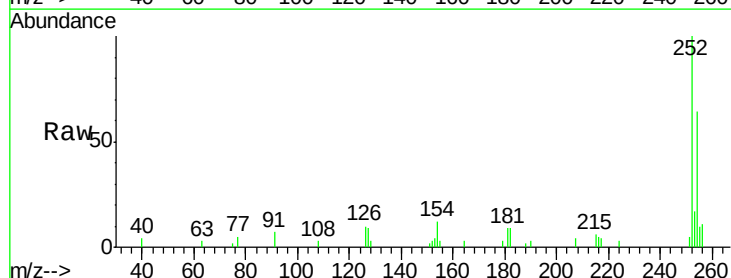
Tgt Ion:252 Resp: 16664

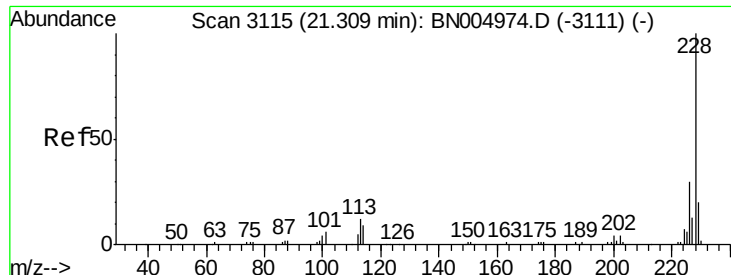
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 9.6 7.9 11.9



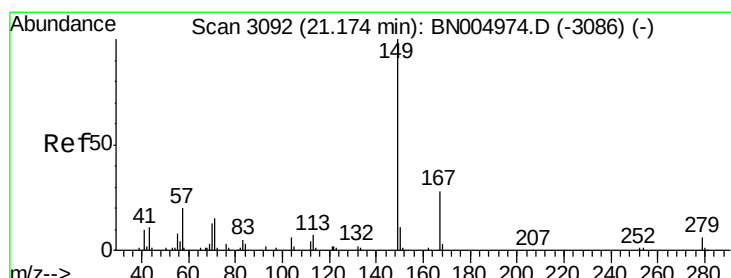
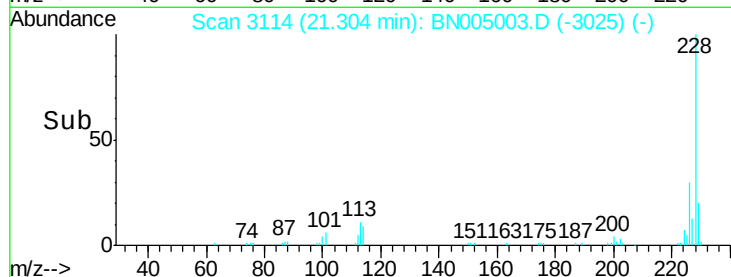
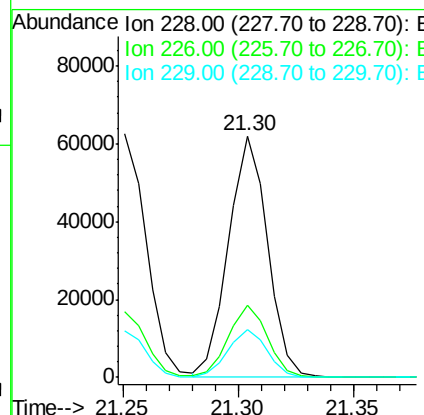
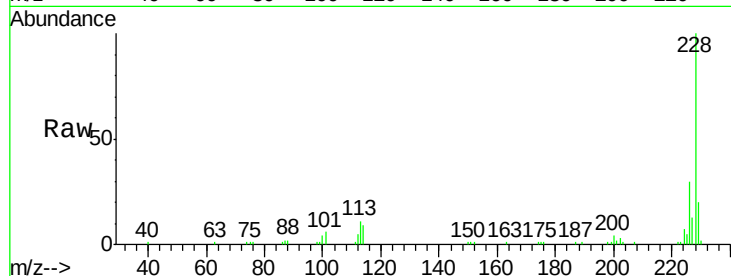


#83
 Chrysene
 Concen: 40.191 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BS

Tot Ion:228 Resp: 72887

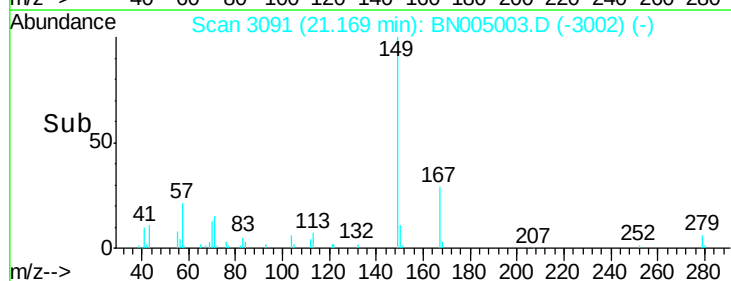
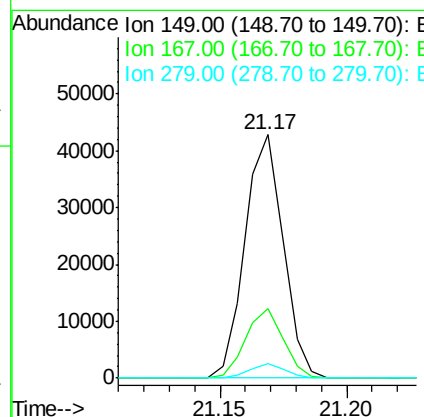
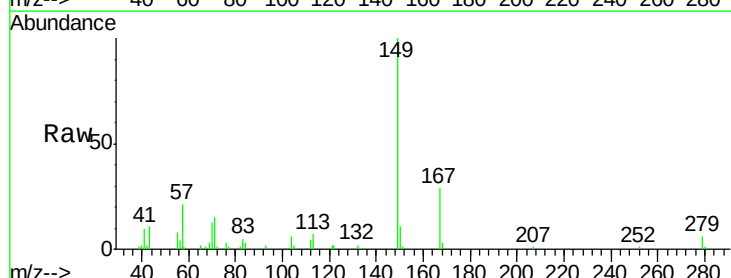
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.5	15.8	23.8

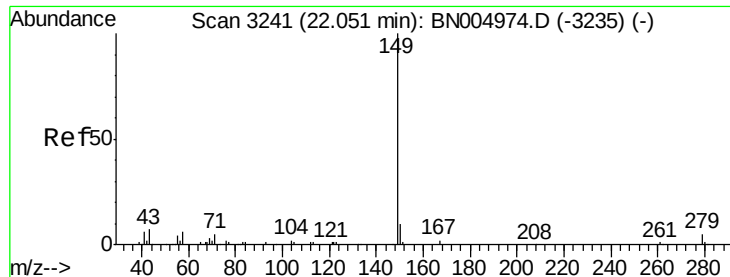


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.293 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BN005003.D
 Acq: 27 Mar 2019 20:27

Tgt Ion:149 Resp: 44961

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.5	33.7
279	5.8	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 39.528 ng

RT: 22.05 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

Instrument :

BNA_N

ClientSampleId :

PB118322BS

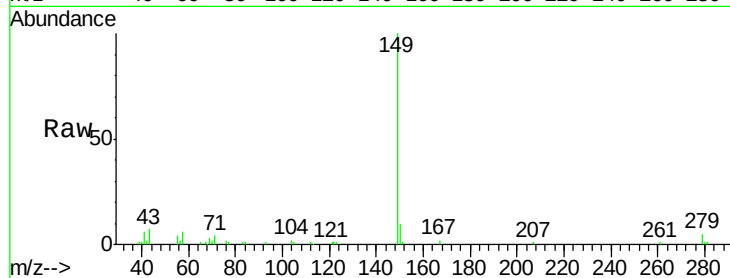
Tot Ion:149 Resp: 72993

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

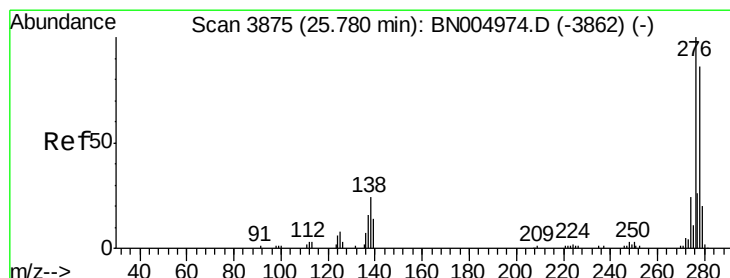
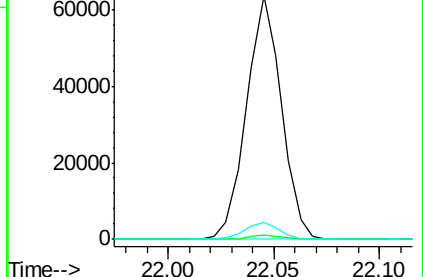
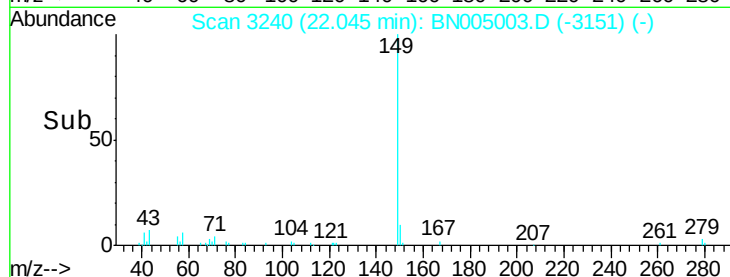
43 6.8 5.8 8.6



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: 39.781 ng

RT: 25.76 min Scan# 3872

Delta R.T. -0.02 min

Lab File: BN005003.D

Acq: 27 Mar 2019 20:27

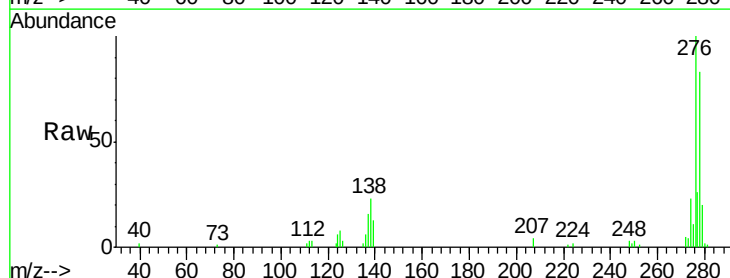
Tgt Ion:276 Resp: 81961

Ion Ratio Lower Upper

276 100

138 22.9 18.5 27.7

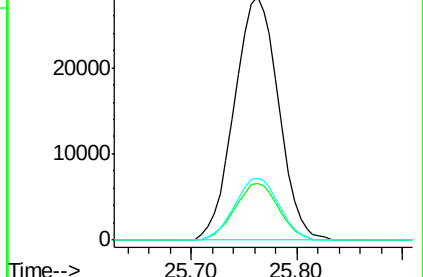
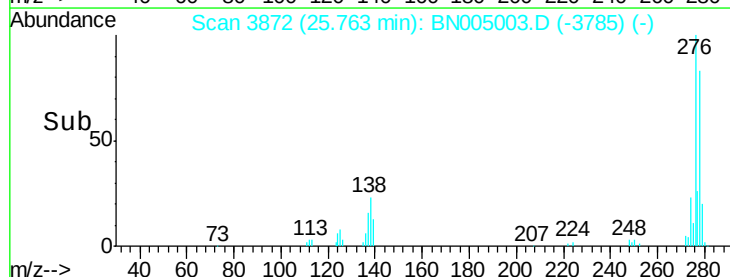
277 25.3 20.4 30.6

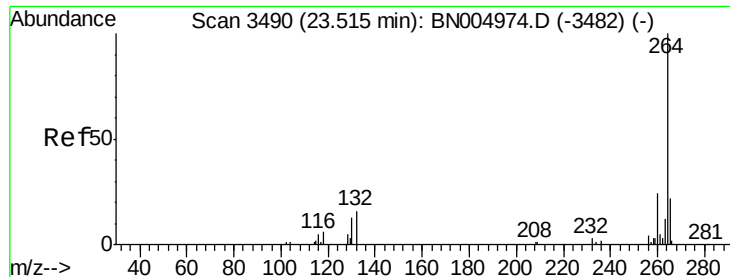


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

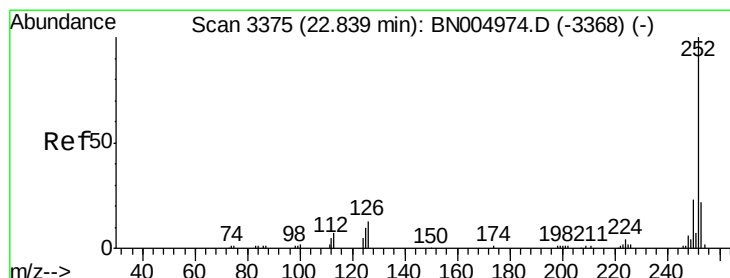
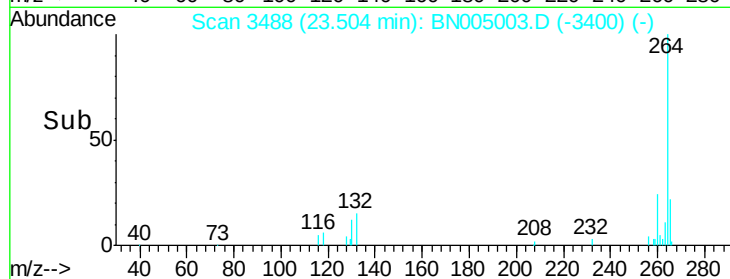
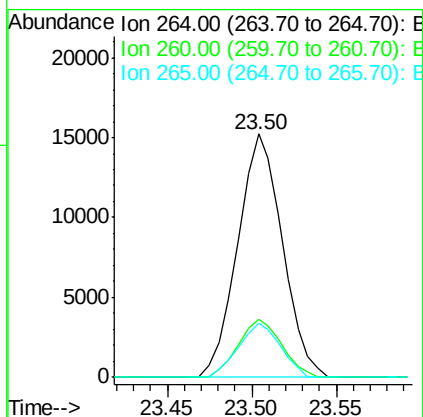
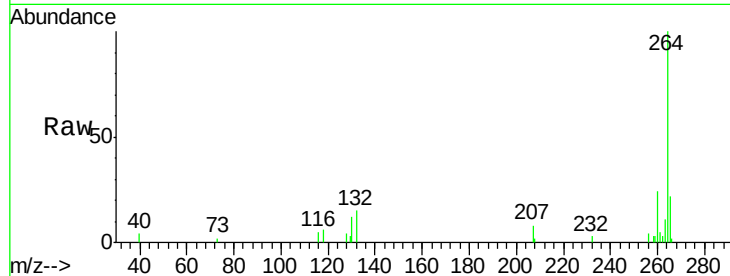




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

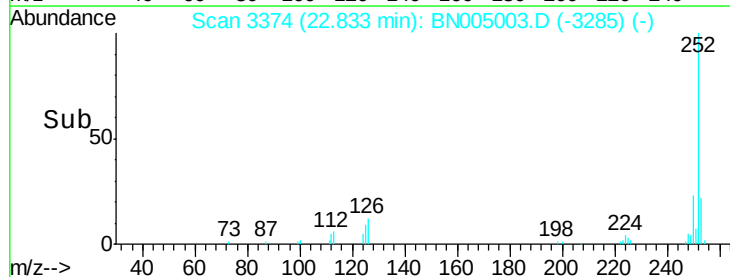
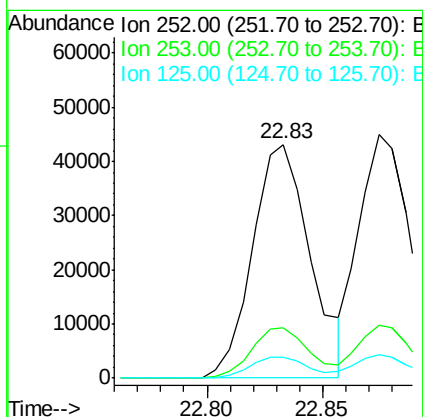
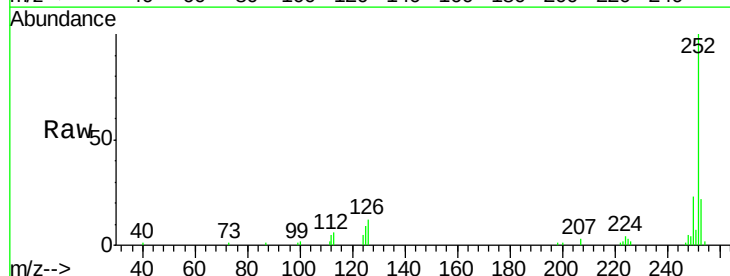
Instrument :
BNA_N
ClientSampleId :
PB118322BS

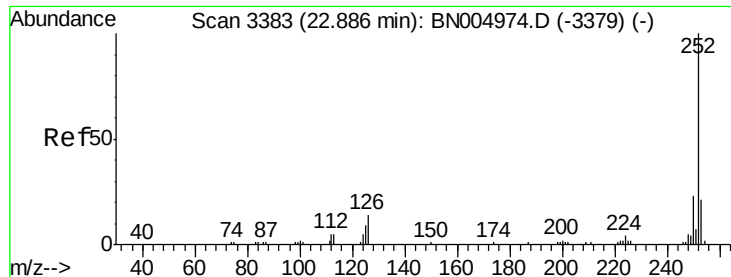
Tot Ion:264 Resp: 27952
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 22.4 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 43.584 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion:252 Resp: 74987
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.2 8.1 12.1

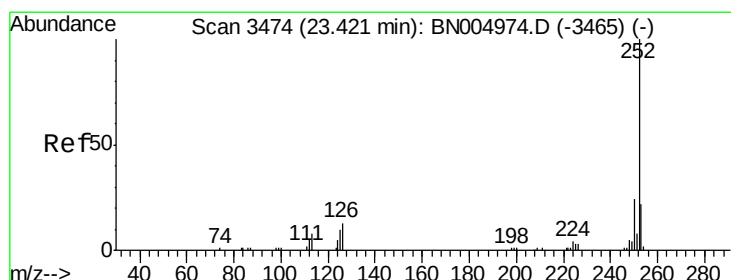
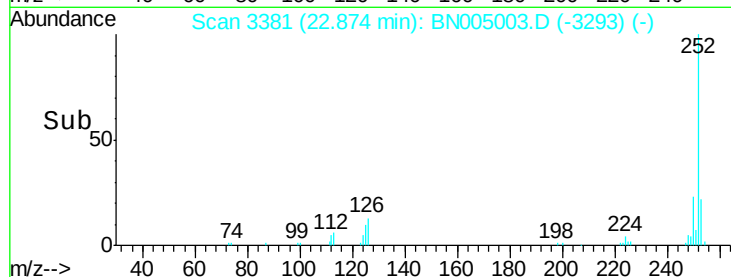
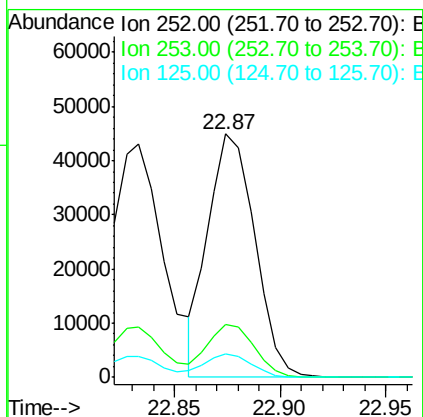
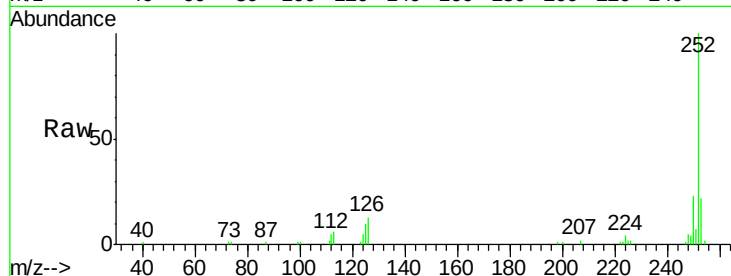




#89
Benzo(k)fluoranthene
Concen: 43.908 ng
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

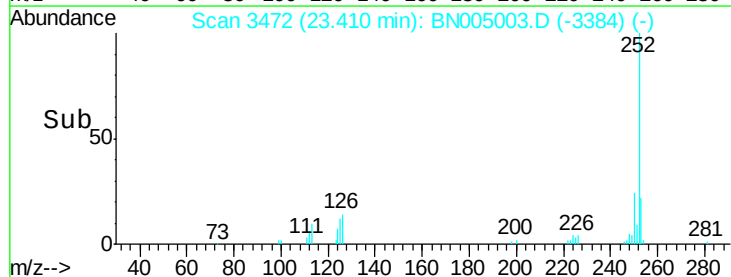
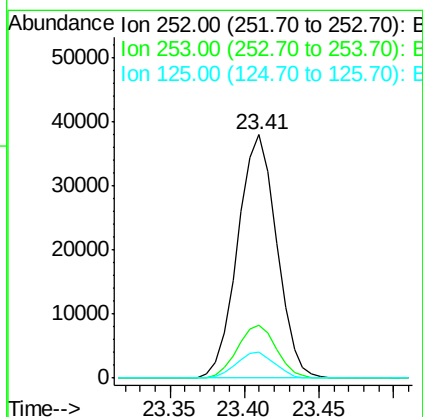
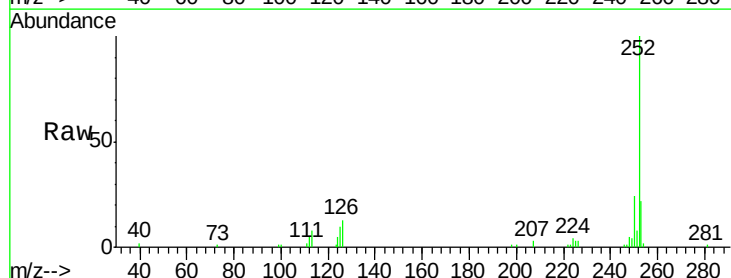
Instrument :
BNA_N
ClientSampleId :
PB118322BS

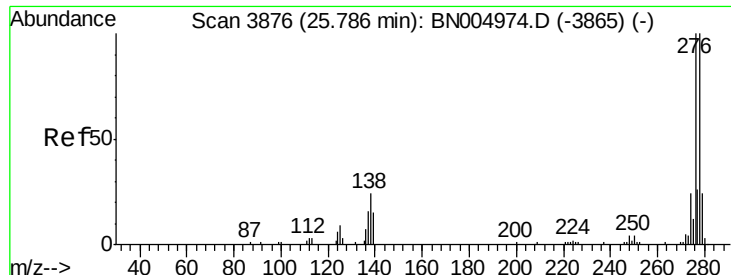
Tot Ion:252 Resp: 69276
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 9.6 7.6 11.4



#90
Benzo(a)pyrene
Concen: 43.874 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion:252 Resp: 69077
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.4 8.2 12.4



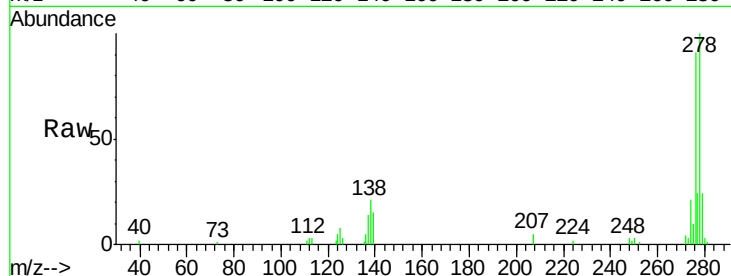


#91
Dibenzo(a,h)anthracene
Concen: 43.598 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.01 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

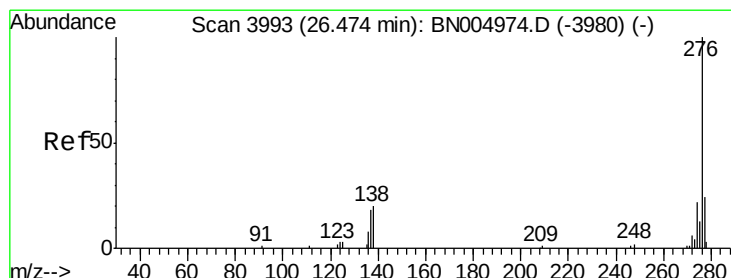
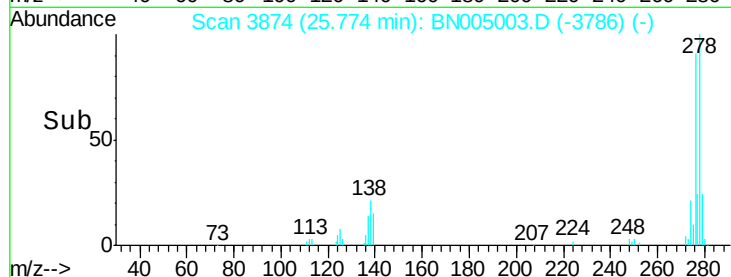
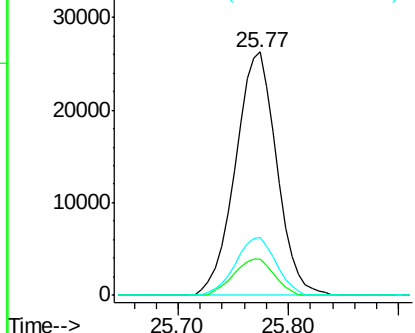
Instrument :
BNA_N
ClientSampleId :
PB118322BS

Tot Ion:278 Resp: 68913

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.8	17.8
279	23.7	19.3	28.9



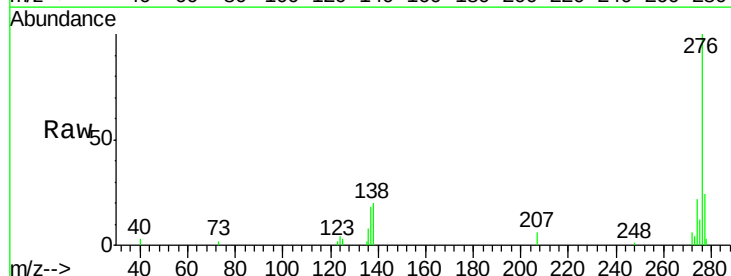
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.743 ng
RT: 26.46 min Scan# 3990
Delta R.T. -0.02 min
Lab File: BN005003.D
Acq: 27 Mar 2019 20:27

Tgt Ion:276 Resp: 68379

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.5	29.3
138	20.4	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

