

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
 Data File : BN004974.D
 Acq On : 26 Mar 2019 13:41
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 26 15:16:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 15:08:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	9534	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	43337	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	25090	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	55809	20.00	ng	0.00
76) Chrysene-d12	21.27	240	52734	20.00	ng	0.00
87) Perylene-d12	23.52	264	49073	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	43972	83.18	ng	0.00
7) Phenol-d6	6.86	99	59550	81.23	ng	0.00
23) Nitrobenzene-d5	8.85	82	57321	83.26	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	32836	87.79	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	150774	80.21	ng	0.00
79) Terphenyl-d14	19.71	244	228330	85.24	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	8009	39.198	ng	100
3) Pyridine	3.60	79	22136	36.240	ng	100
4) n-Nitrosodimethylamine	3.53	42	7463	40.046	ng	100
6) Aniline	7.02	93	37949	41.886	ng	100
8) 2-Chlorophenol	7.25	128	28181	42.118	ng	100
9) Benzaldehyde	6.83	77	17665	35.206	ng	100
10) Phenol	6.88	94	31895	40.322	ng	100
11) bis(2-Chloroethyl)ether	7.12	93	24549	39.144	ng	100
12) 1,3-Dichlorobenzene	7.56	146	30633	40.579	ng	100
13) 1,4-Dichlorobenzene	7.72	146	30911	40.065	ng	100
14) 1,2-Dichlorobenzene	8.03	146	29895	40.061	ng	100
15) Benzyl Alcohol	7.92	79	22658	41.467	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.20	45	29487	36.664	ng	100
17) 2-Methylphenol	8.12	107	22534	41.285	ng	100
18) Hexachloroethane	8.74	117	11034	43.943	ng	100
19) n-Nitroso-di-n-propylamine	8.48	70	19925	40.368	ng	100
20) 3+4-Methylphenols	8.45	107	30304	39.869	ng	100
22) Acetophenone	8.50	105	39770	40.250	ng	100
24) Nitrobenzene	8.89	77	29053	41.122	ng	100
25) Isophorone	9.40	82	56353	47.266	ng	100
26) 2-Nitrophenol	9.59	139	16924	42.133	ng	100
27) 2,4-Dimethylphenol	9.65	122	23473	40.885	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	34727	41.835	ng	100
29) 2,4-Dichlorophenol	10.12	162	27037	40.023	ng	100
30) 1,2,4-Trichlorobenzene	10.33	180	29543	38.370	ng	100
31) Naphthalene	10.52	128	90449	42.877	ng	100
32) Benzoic acid	9.81	122	18786	36.941	ng	100
33) 4-Chloroaniline	10.63	127	37279	39.607	ng	100
34) Hexachlorobutadiene	10.78	225	19071	41.364	ng	100
35) Caprolactam	11.43	113	9356	39.276	ng	100
36) 4-Chloro-3-methylphenol	11.76	107	29730	41.545	ng	100
37) 2-Methylnaphthalene	12.13	142	64466	42.789	ng	100
38) 1-Methylnaphthalene	12.35	142	63241	43.337	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	35101	38.919	ng	100

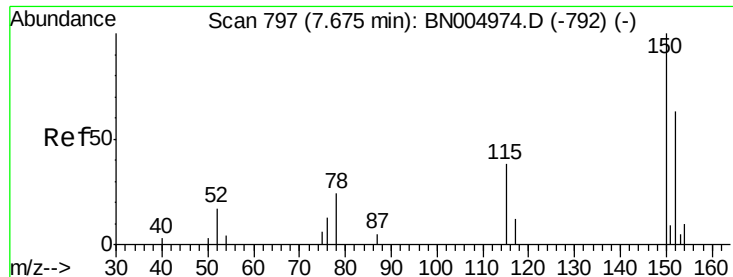
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032619\
 Data File : BN004974.D
 Acq On : 26 Mar 2019 13:41
 Operator : JU/SJ
 Sample : SSTDICCC040
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 15:08:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	18420	40.741	ng	100
43) 2,4,6-Trichlorophenol	12.75	196	22083	39.433	ng	100
44) 2,4,5-Trichlorophenol	12.83	196	24361	40.780	ng	100
46) 1,1'-Biphenyl	13.15	154	84839	38.178	ng	100
47) 2-Chloronaphthalene	13.20	162	64392	38.513	ng	100
48) 2-Nitroaniline	13.42	65	17497	42.001	ng	100
49) Acenaphthylene	14.05	152	109881	44.549	ng	100
50) Dimethylphthalate	13.79	163	82920	42.187	ng	100
51) 2,6-Dinitrotoluene	13.92	165	18856	41.099	ng	100
52) Acenaphthene	14.39	154	61973	41.428	ng	100
53) 3-Nitroaniline	14.25	138	19632	40.026	ng	100
54) 2,4-Dinitrophenol	14.46	184	10203	44.289	ng	100
55) Dibenzofuran	14.73	168	98141	39.827	ng	100
56) 4-Nitrophenol	14.57	139	15300	40.827	ng	100
57) 2,4-Dinitrotoluene	14.71	165	25979	41.893	ng	100
58) Fluorene	15.38	166	80044	43.960	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	22648	42.008	ng	100
60) Diethylphthalate	15.15	149	83535	40.168	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	41115	38.355	ng	100
62) 4-Nitroaniline	15.42	138	19993	40.619	ng	100
63) Azobenzene	15.66	77	69084	40.697	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	14846	39.680	ng	100
66) n-Nitrosodiphenylamine	15.59	169	69204	39.149	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	27565	39.158	ng	100
68) Hexachlorobenzene	16.37	284	32470	39.631	ng	100
69) Atrazine	16.54	200	25502	38.568	ng	100
70) Pentachlorophenol	16.73	266	16734	30.645	ng	100
71) Phenanthrene	17.12	178	125010	42.877	ng	100
72) Anthracene	17.21	178	124582	43.717	ng	100
73) Carbazole	17.49	167	114382	40.897	ng	100
74) Di-n-butylphthalate	18.03	149	140037	42.434	ng	100
75) Fluoranthene	19.14	202	144105	45.851	ng	100
77) Benzidine	19.33	184	73279	40.181	ng	100
78) Pyrene	19.50	202	145475	40.868	ng	100
80) Butylbenzylphthalate	20.40	149	58506	38.350	ng	100
81) Benzo(a)anthracene	21.26	228	132529	44.180	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	50123	40.093	ng	100
83) Chrysene	21.31	228	125398	43.708	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	80730	36.491	ng	100
85) Di-n-octyl phthalate	22.05	149	127009	38.655	ng	100
86) Indeno(1,2,3-cd)pyrene	25.78	276	130918	43.226	ng	100
88) Benzo(b)fluoranthene	22.84	252	120059	43.943	ng	100
89) Benzo(k)fluoranthene	22.89	252	113761	41.843	ng	100
90) Benzo(a)pyrene	23.42	252	110405	43.613	ng	100
91) Dibenzo(a,h)anthracene	25.79	278	107636	41.754	ng	100
92) Benzo(g,h,i)perylene	26.47	276	105639	42.141	ng	100

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

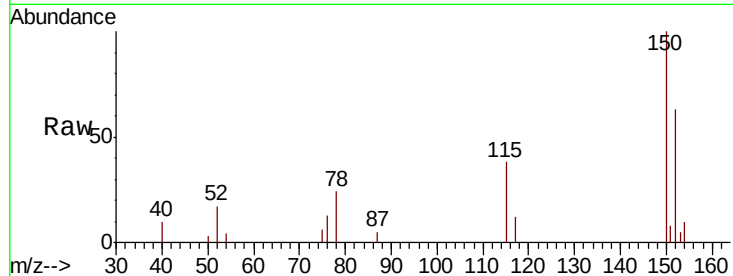


#1

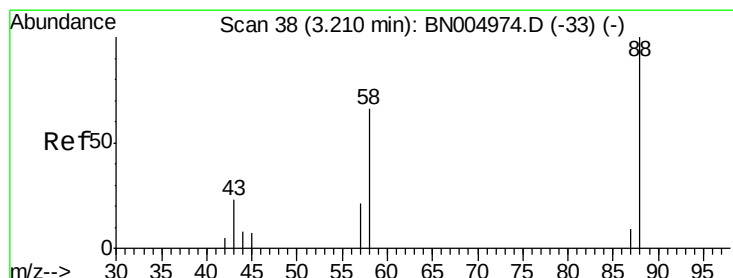
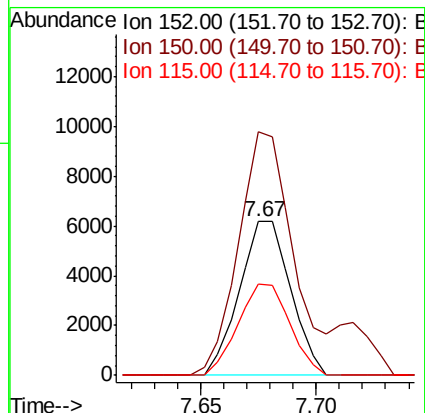
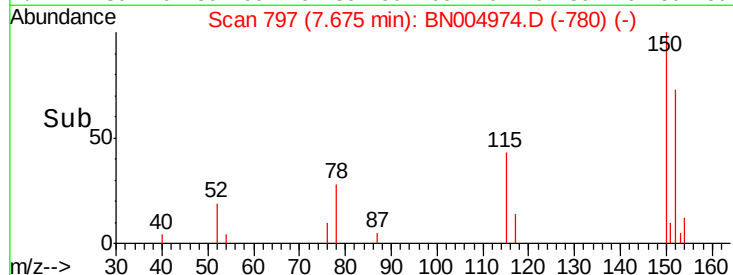
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 9534
Ion Ratio Lower Upper
152 100
150 158.6 126.9 190.3
115 59.7 47.8 71.6



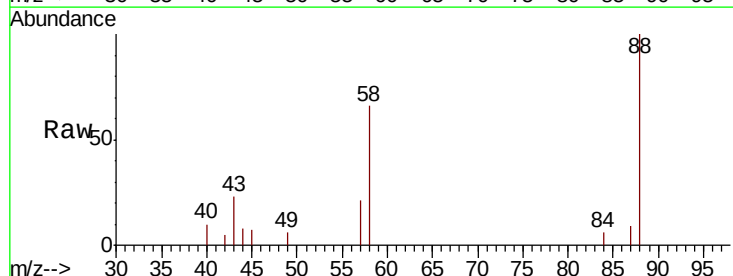
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



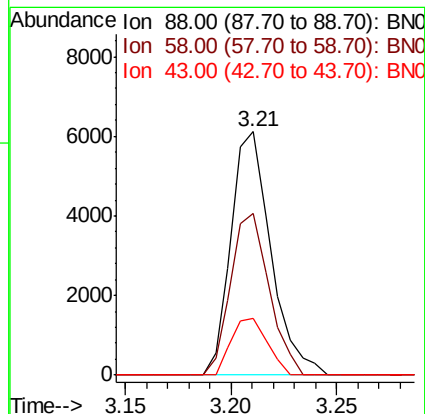
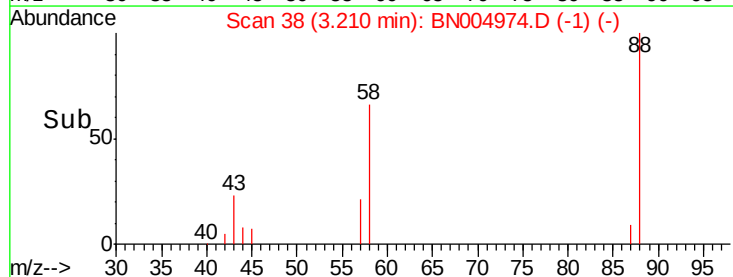
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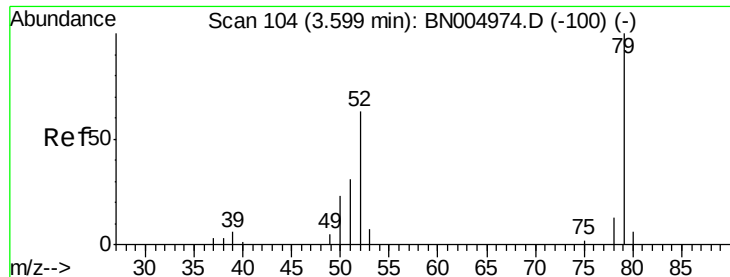
1,4-Dioxane
Concen: 39.198 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion: 88 Resp: 8009
Ion Ratio Lower Upper
88 100
58 63.8 51.0 76.6
43 20.9 16.7 25.1



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

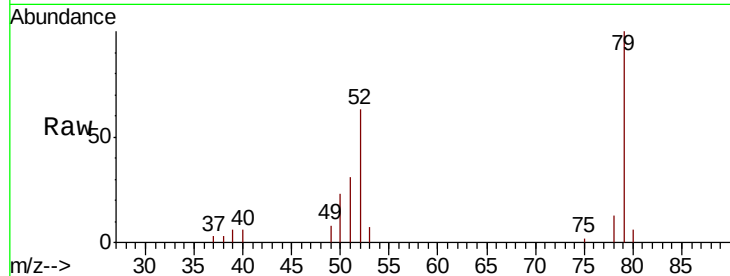




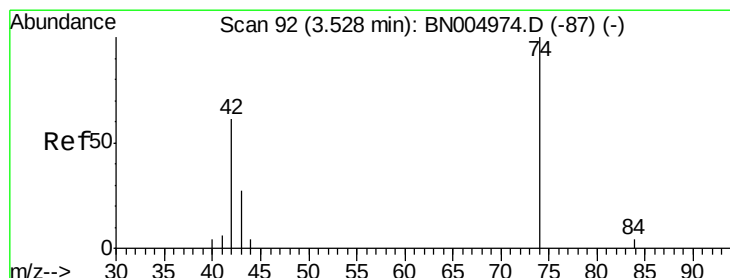
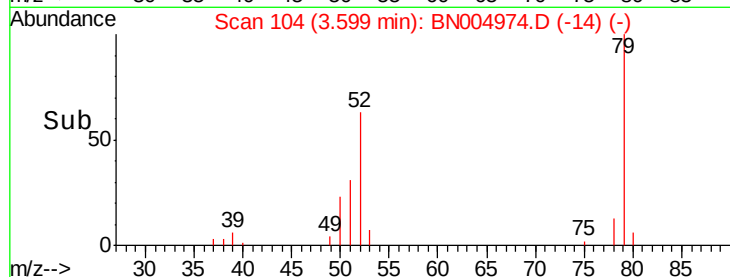
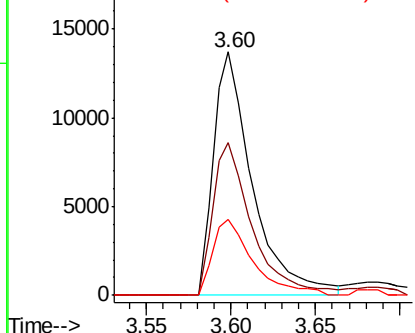
#3
 Pvridine
 Concen: 36.240 ng
 RT: 3.60 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 79 Resp: 22136
 Ion Ratio Lower Upper
 79 100
 52 62.8 50.2 75.4
 51 31.2 25.0 37.4

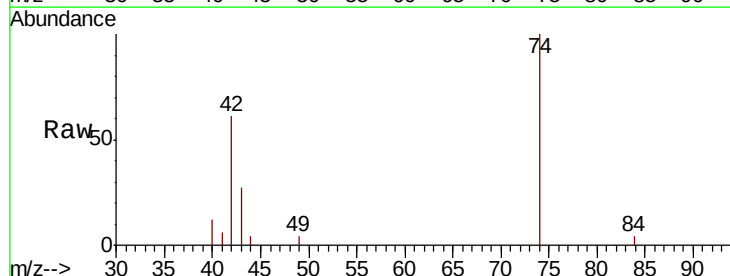


Abundance Ion 79.00 (78.70 to 79.70): BNC
 Ion 52.00 (51.70 to 52.70): BNC
 Ion 51.00 (50.70 to 51.70): BNC

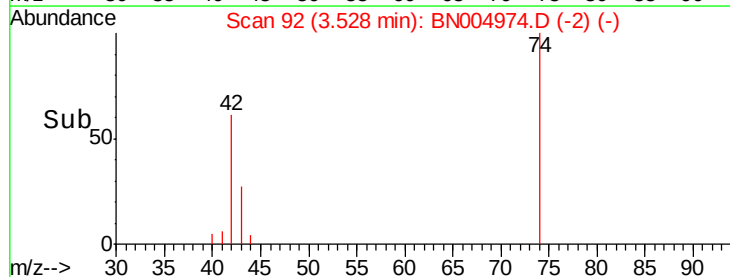
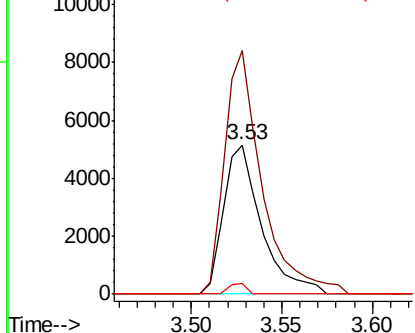


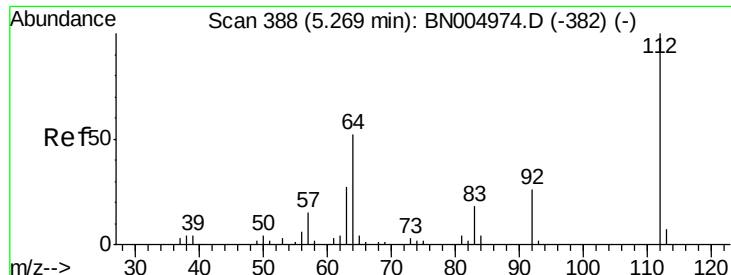
#4
 n-Nitrosodimethylamine
 Concen: 40.046 ng
 RT: 3.53 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion: 42 Resp: 7463
 Ion Ratio Lower Upper
 42 100
 74 163.5 130.8 196.2
 44 7.1 5.7 8.5



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





#5

2-Fluorophenol

Concen: 83.183 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampleId :

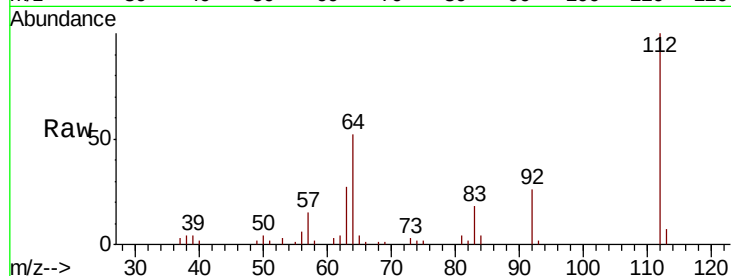
Tot Ion: 112 Resp: 43972

Ion Ratio Lower Upper

112 100

64 52.4 41.9 62.9

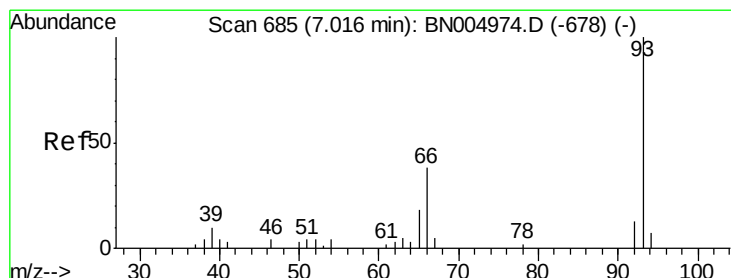
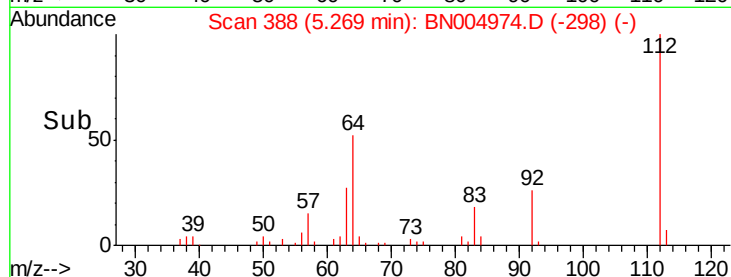
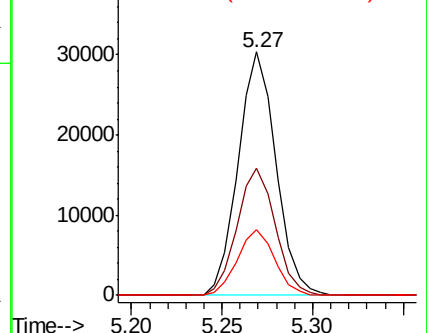
63 26.7 21.4 32.0



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: 41.886 ng

RT: 7.02 min Scan# 685

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

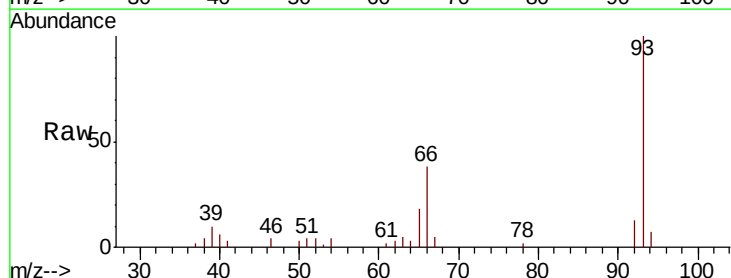
Tgt Ion: 93 Resp: 37949

Ion Ratio Lower Upper

93 100

66 37.8 30.2 45.4

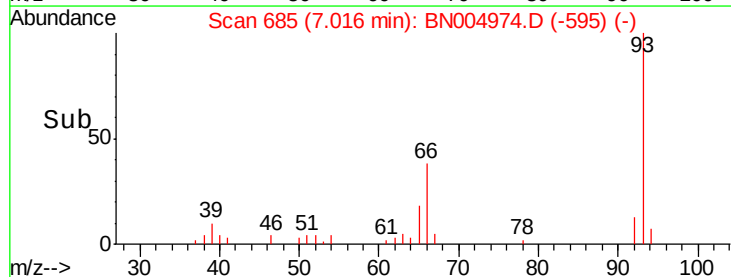
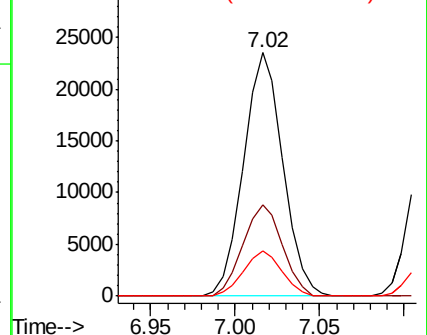
65 18.4 14.7 22.1

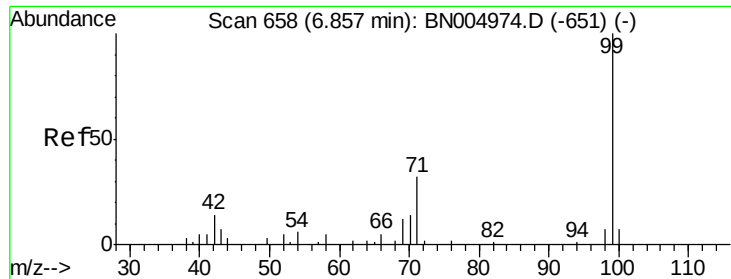


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 81.228 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampled :

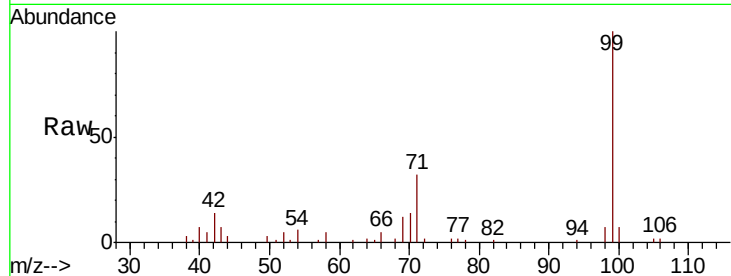
Tot Ion: 99 Resp: 59550

Ion Ratio Lower Upper

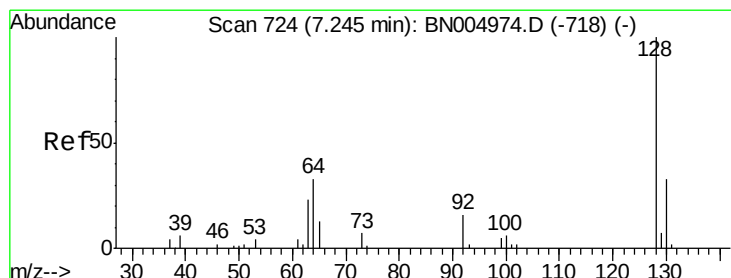
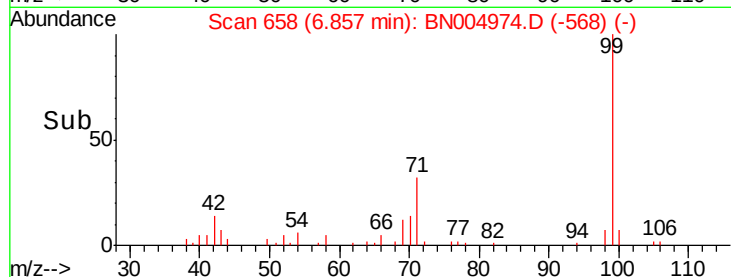
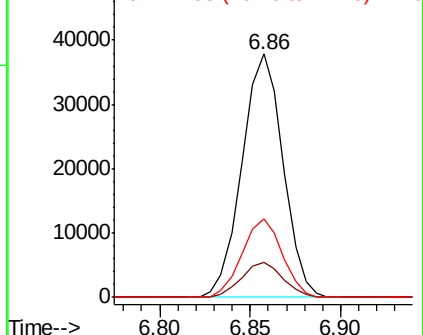
99 100

42 14.2 11.4 17.0

71 32.3 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#8

2-Chlorophenol

Concen: 42.118 ng

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

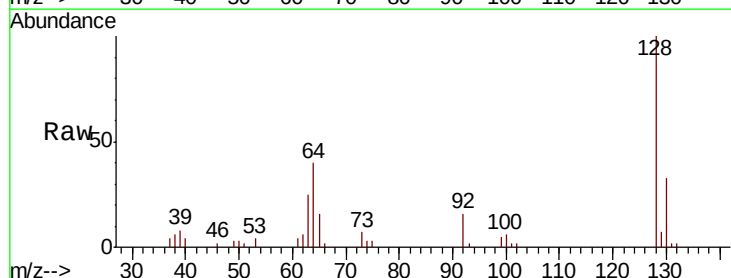
Tgt Ion: 128 Resp: 28181

Ion Ratio Lower Upper

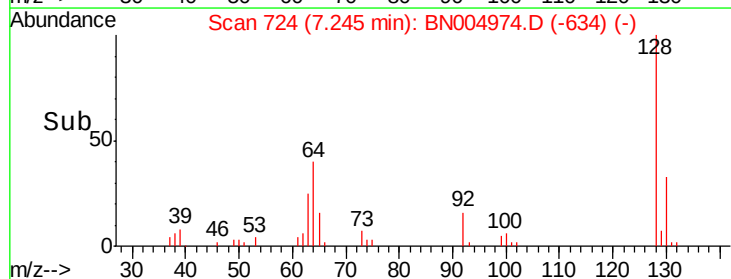
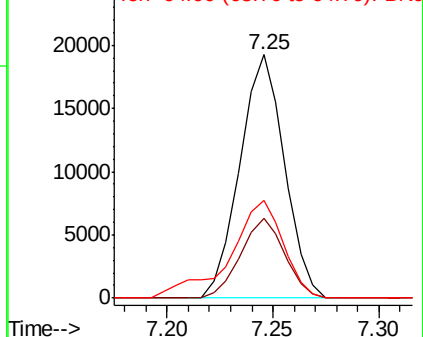
128 100

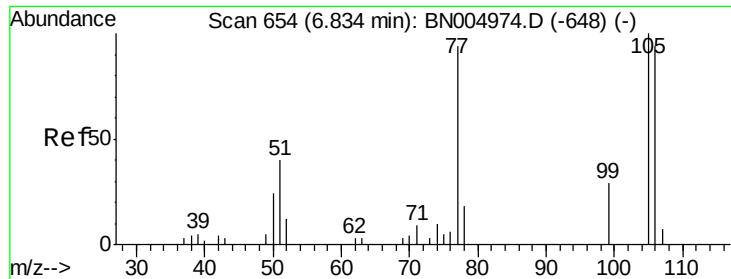
130 32.9 12.9 52.9

64 39.9 19.9 59.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BN0





#9

Benzaldehyde

Concen: 35.206 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampleId :

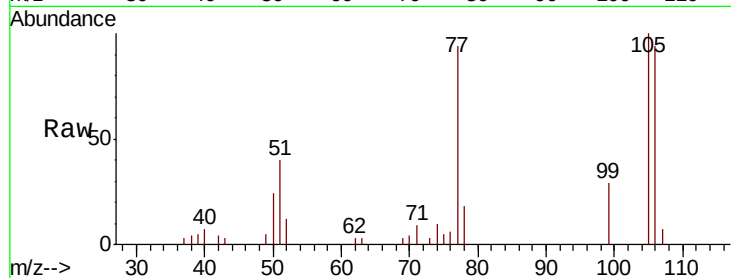
Tot Ion: 77 Resp: 17665

Ion Ratio Lower Upper

77 100

105 106.1 86.1 126.1

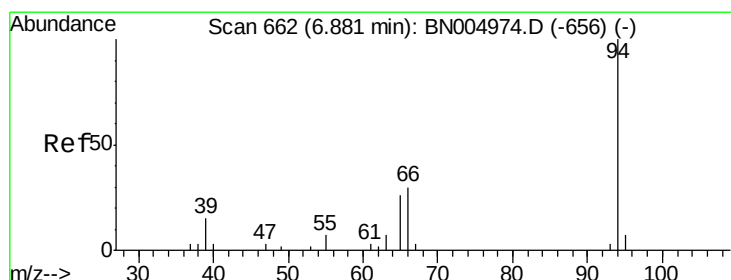
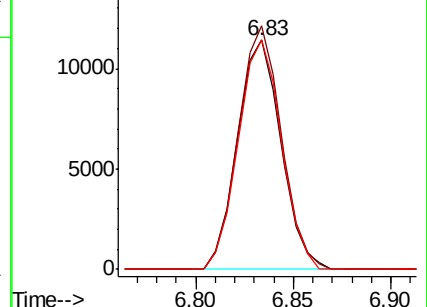
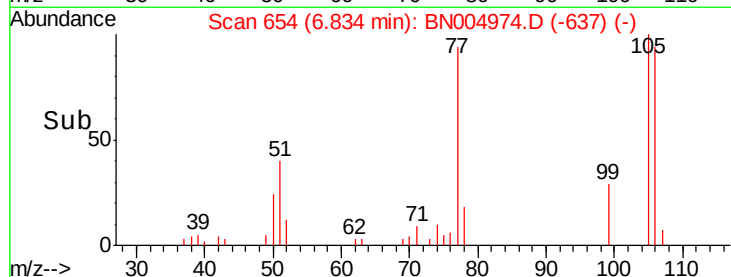
106 99.9 79.9 119.9



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: 40.322 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

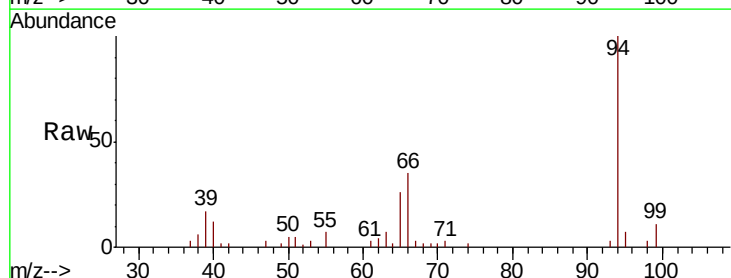
Tgt Ion: 94 Resp: 31895

Ion Ratio Lower Upper

94 100

65 25.7 5.7 45.7

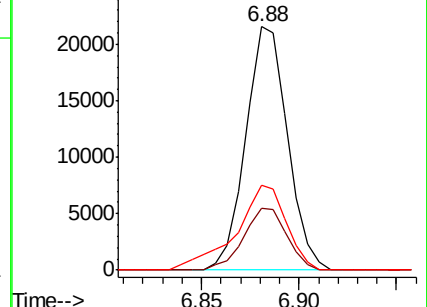
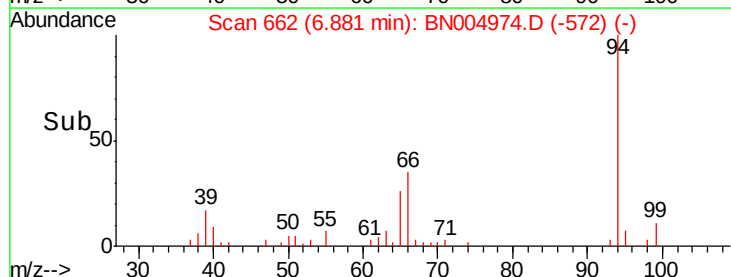
66 34.8 14.8 54.8

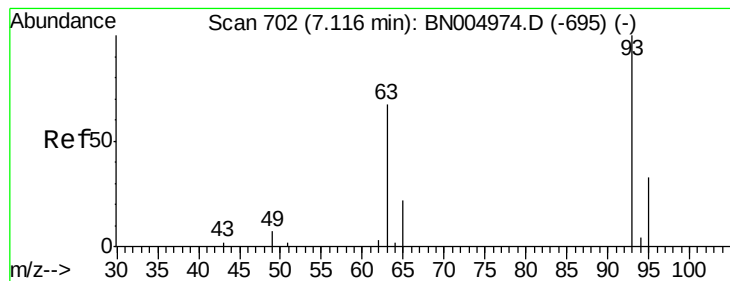


Abundance Ion 94.00 (93.70 to 94.70): BN004974.D (-656) (-)

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: 39.144 ng

RT: 7.12 min Scan# 702

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampleId :

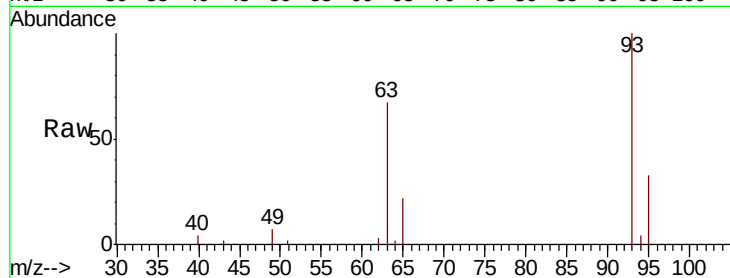
Tot Ion: 93 Resp: 24549

Ion Ratio Lower Upper

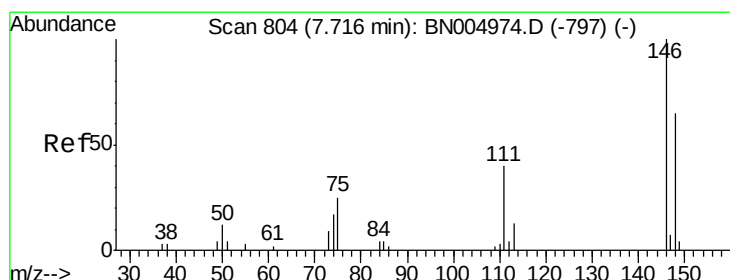
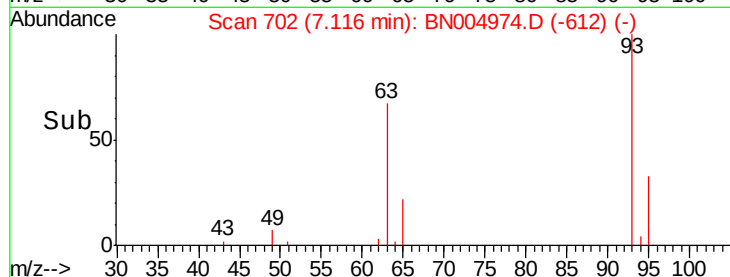
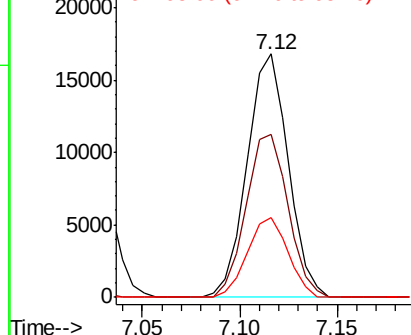
93 100

63 67.0 47.0 87.0

95 32.7 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC



#12

1,3-Dichlorobenzene

Concen: 40.579 ng

RT: 7.56 min Scan# 778

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

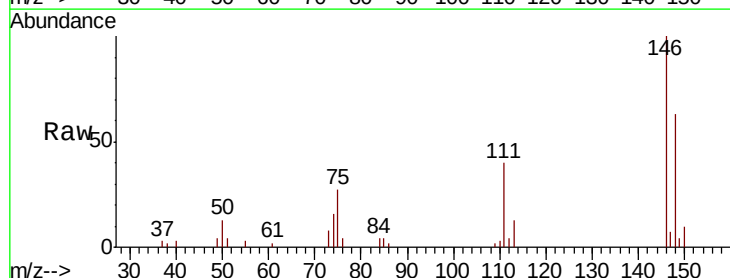
Tgt Ion: 146 Resp: 30633

Ion Ratio Lower Upper

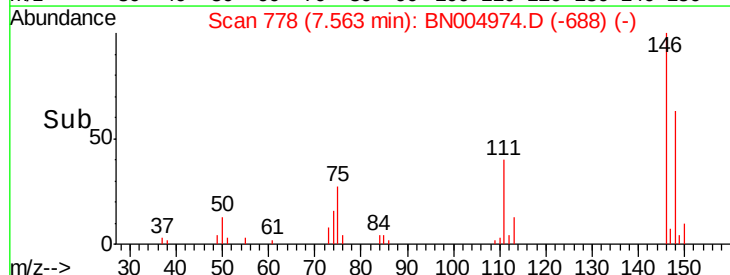
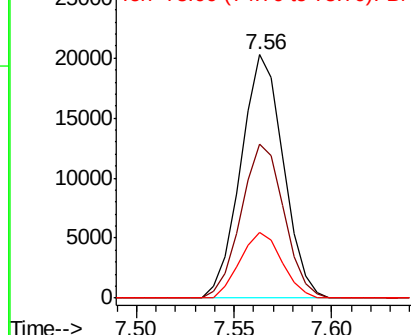
146 100

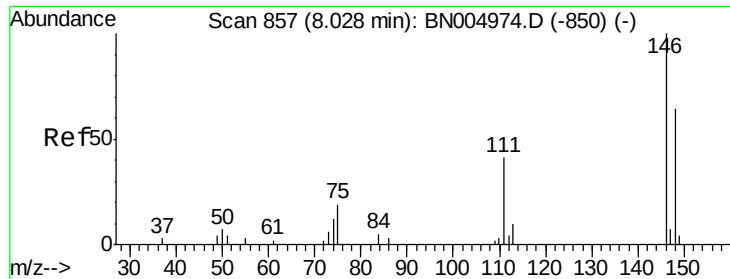
148 63.2 50.6 75.8

75 26.9 21.5 32.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BNC

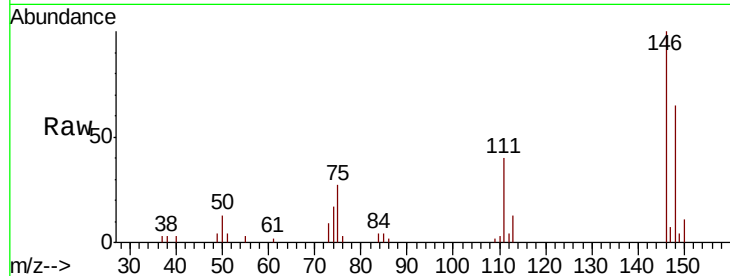




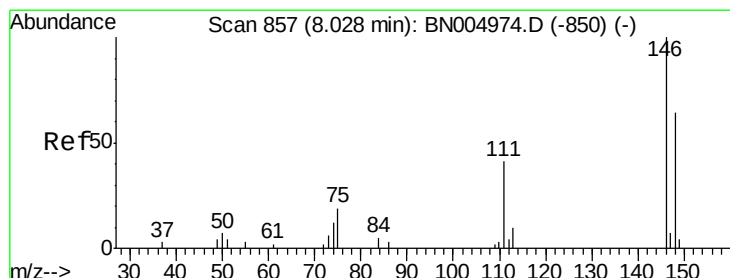
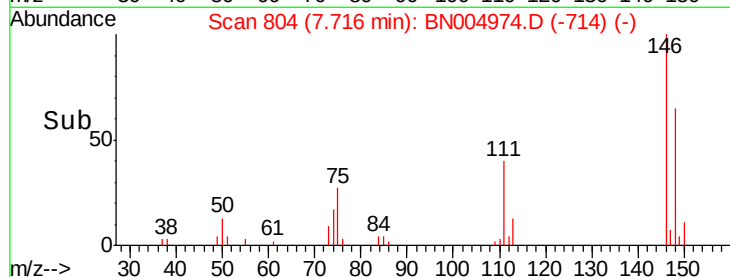
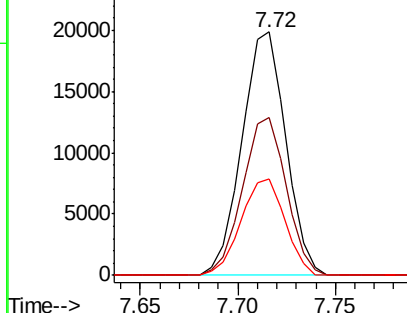
#13
 1,4-Dichlorobenzene
 Concen: 40.065 ng
 RT: 7.72 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:146 Resp: 30911
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.0 78.0
 111 39.6 31.7 47.5

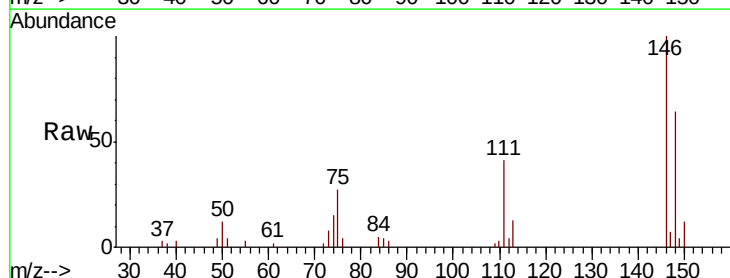


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

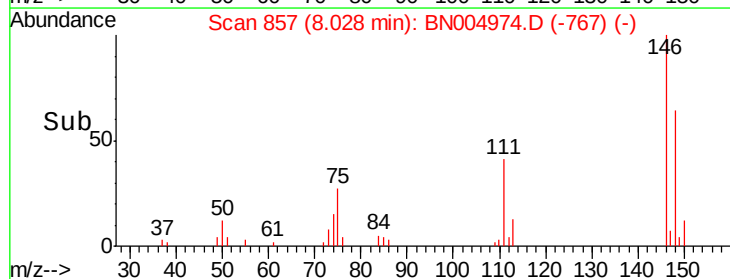
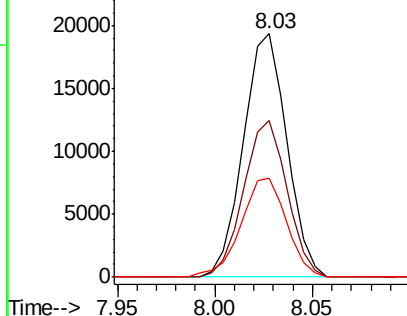


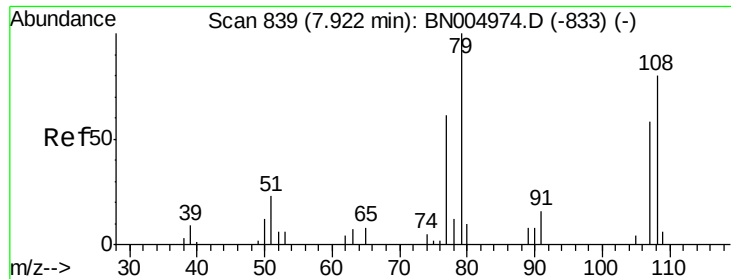
#14
 1,2-Dichlorobenzene
 Concen: 40.061 ng
 RT: 8.03 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion:146 Resp: 29895
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 40.8 32.6 49.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.467 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampled :

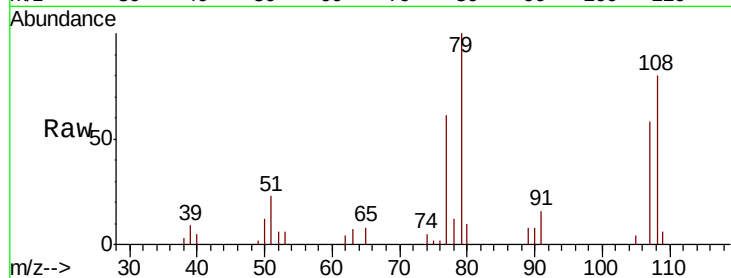
Tot Ion: 79 Resp: 22658

Ion Ratio Lower Upper

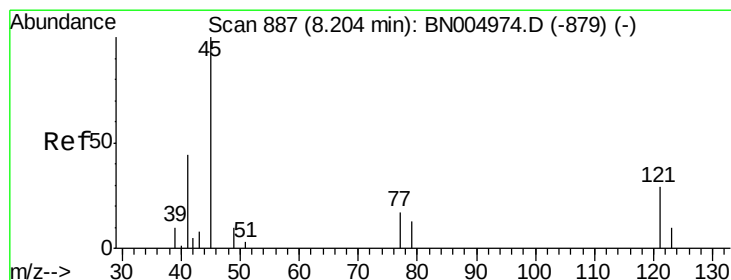
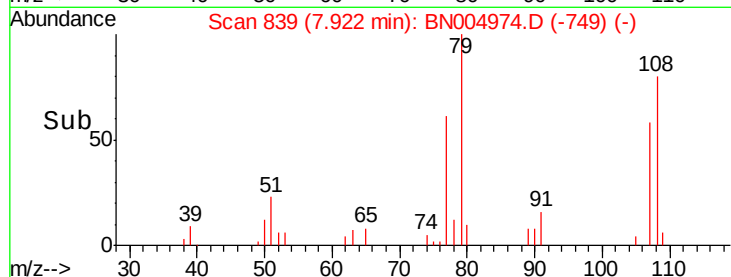
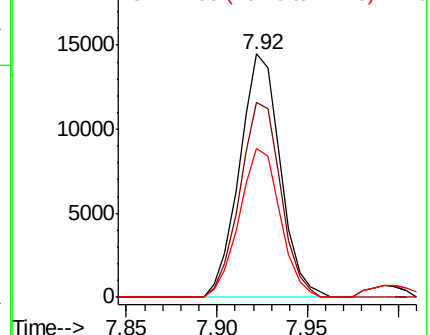
79 100

108 80.0 64.0 96.0

77 61.0 48.8 73.2



Abundance Ion 79.00 (78.70 to 79.70): BN0
Ion 108.00 (107.70 to 108.70): BN0
Ion 77.00 (76.70 to 77.70): BN0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.664 ng

RT: 8.20 min Scan# 887

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

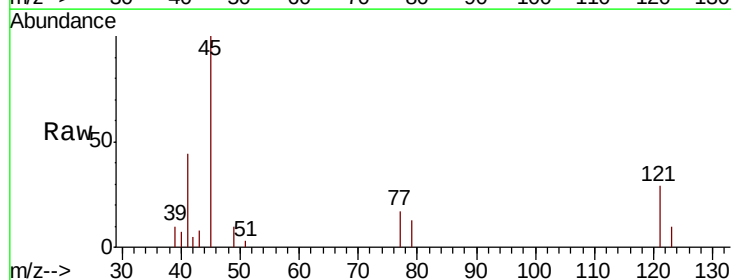
Tgt Ion: 45 Resp: 29487

Ion Ratio Lower Upper

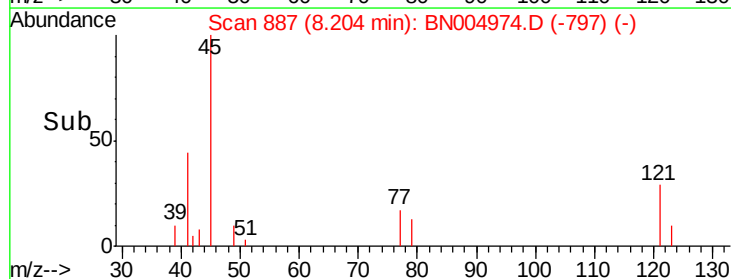
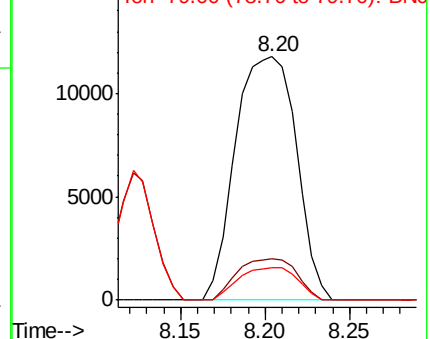
45 100

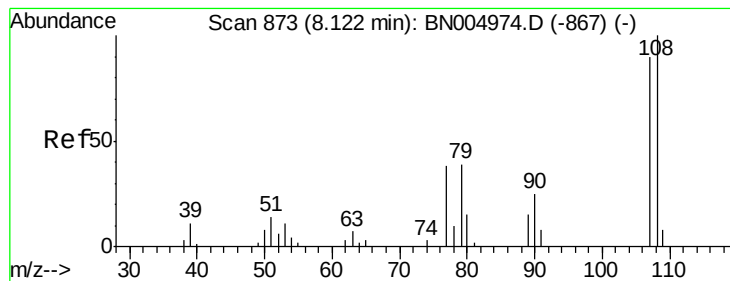
77 16.9 0.0 36.9

79 13.3 0.0 33.3



Abundance Ion 45.00 (44.70 to 45.70): BN0
Ion 77.00 (76.70 to 77.70): BN0
Ion 79.00 (78.70 to 79.70): BN0

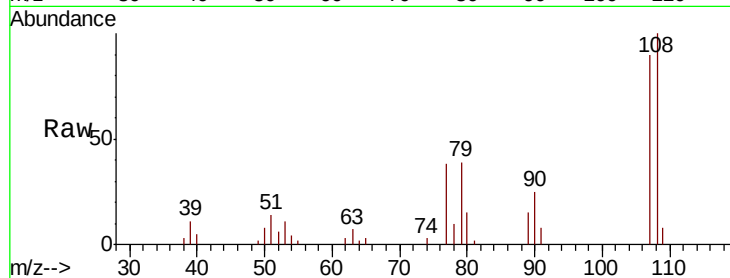




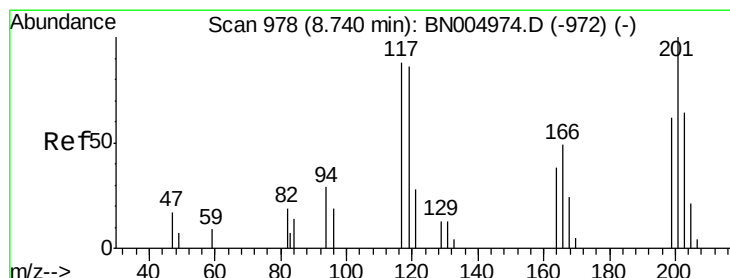
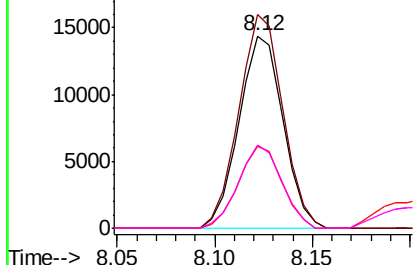
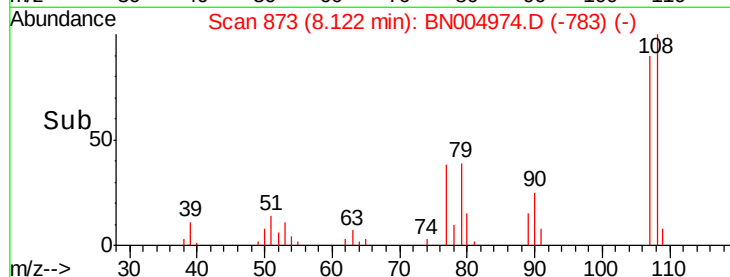
#17
2-Methylphenol
Concen: 41.285 ng
RT: 8.12 min Scan# 873
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Instrument :
BNA_N
ClientSampled :

Tot Ion:107 Resp: 22534
Ion Ratio Lower Upper
107 100
108 111.0 88.8 133.2
77 42.7 34.2 51.2
79 43.5 34.8 52.2

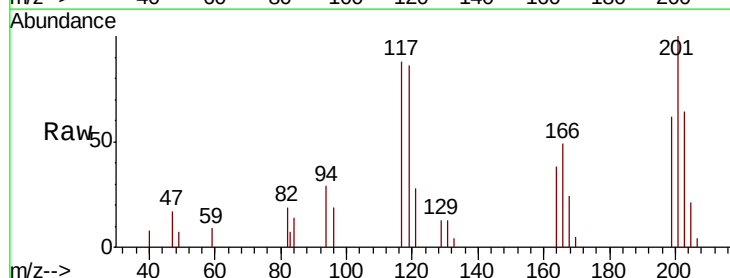


Abundance Ion 107.00 (106.70 to 107.70): E
25000 Ion 108.00 (107.70 to 108.70): E
20000 Ion 77.00 (76.70 to 77.70): BNC
15000 Ion 79.00 (78.70 to 79.70): BNC
10000
5000
0

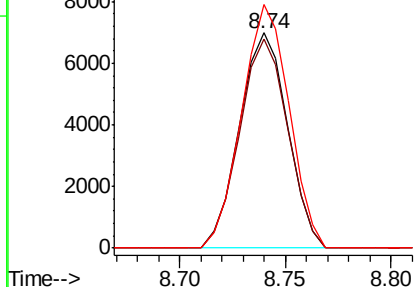
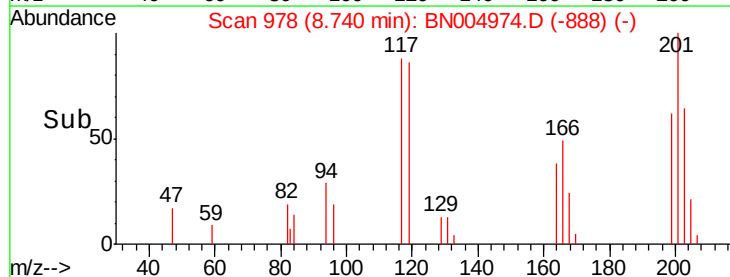


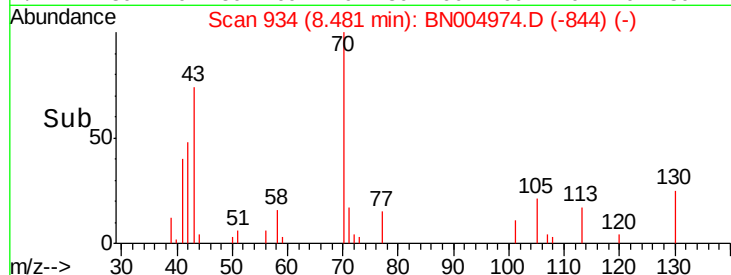
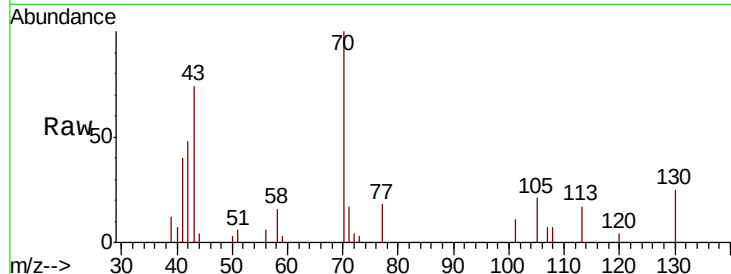
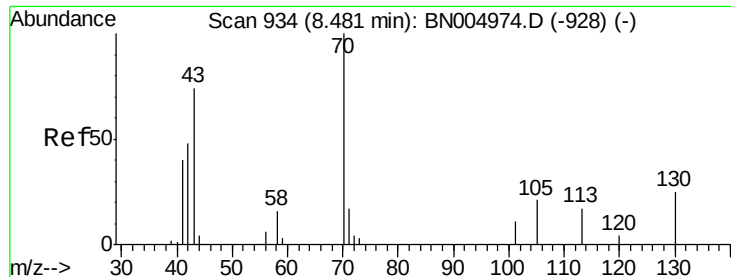
#18
Hexachloroethane
Concen: 43.943 ng
RT: 8.74 min Scan# 978
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion:117 Resp: 11034
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
201 113.1 90.5 135.7



Abundance Ion 117.00 (116.70 to 117.70): E
10000 Ion 119.00 (118.70 to 119.70): E
8000 Ion 201.00 (200.70 to 201.70): E
6000
4000
2000
0

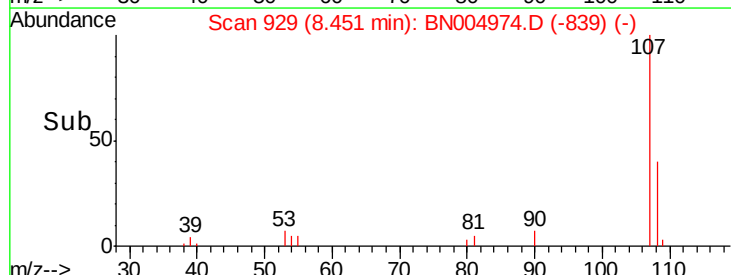
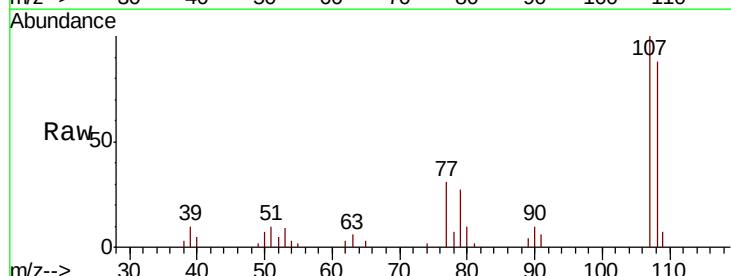
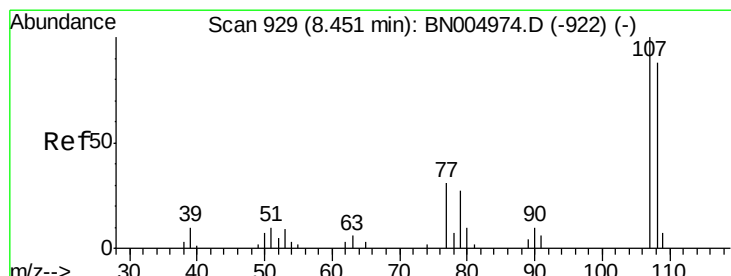
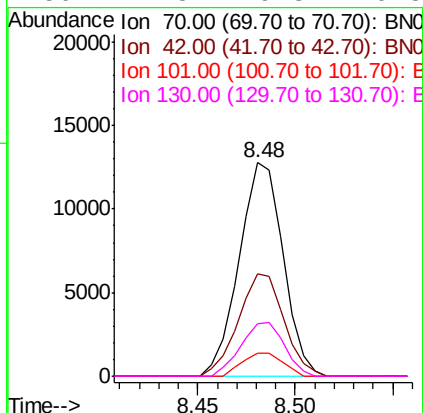




#19
n-Nitroso-di-n-propylamine
Concen: 40.368 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

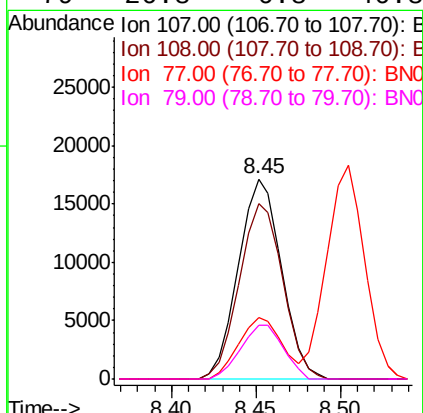
Instrument :
BNA_N
ClientSampleId :

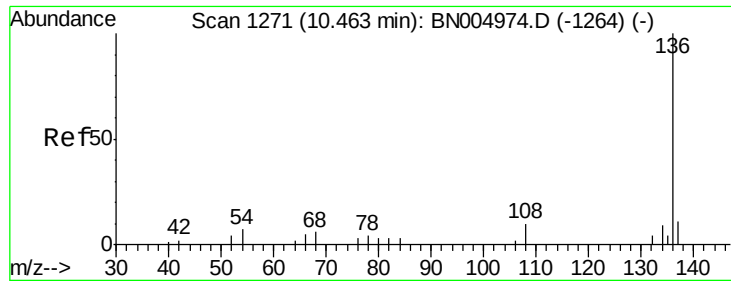
Tot Ion:	70	Resp:	19925
Ion	Ratio	Lower	Upper
70	100		
42	48.0	38.4	57.6
101	11.0	8.8	13.2
130	24.8	19.8	29.8



#20
3+4-Methylphenols
Concen: 39.869 ng
RT: 8.45 min Scan# 929
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion:	107	Resp:	30304
Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.9	107.9
77	30.6	10.6	50.6
79	26.8	6.8	46.8

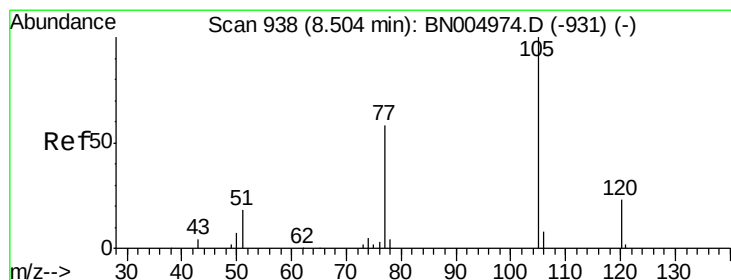
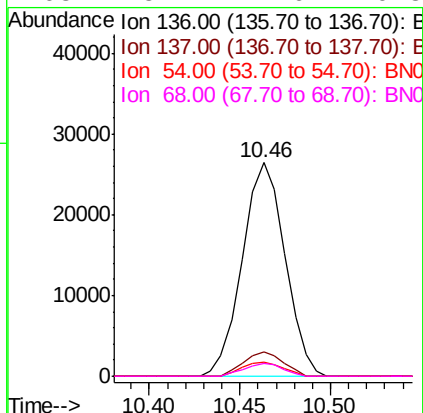
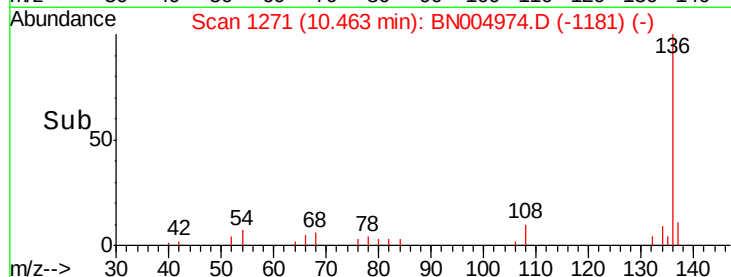
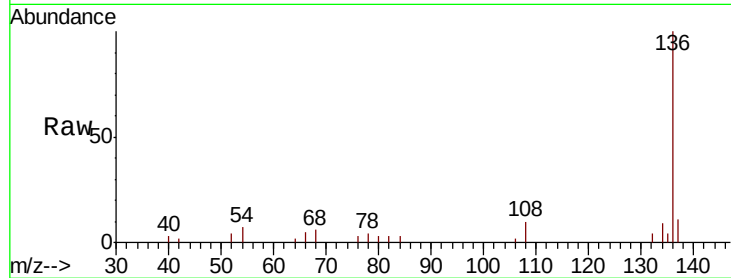




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

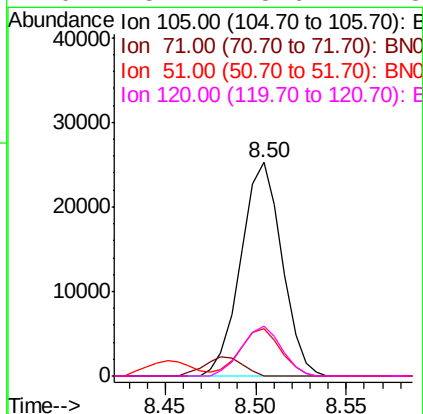
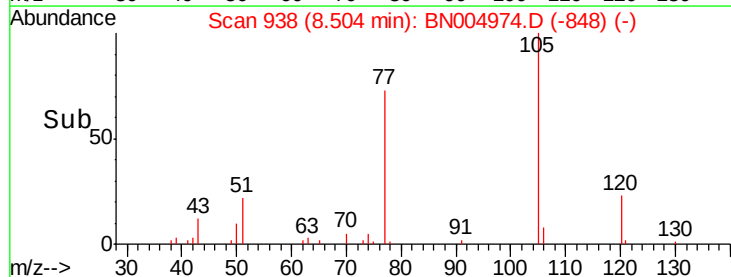
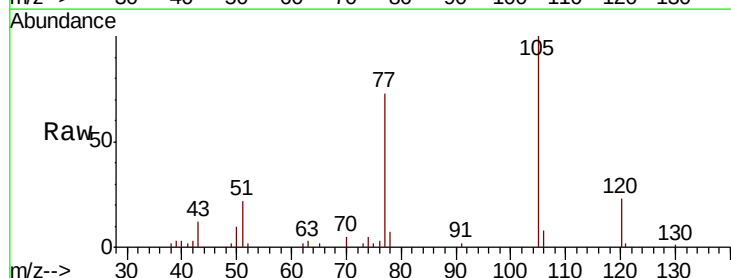
Instrument :
BNA_N
ClientSampleId :

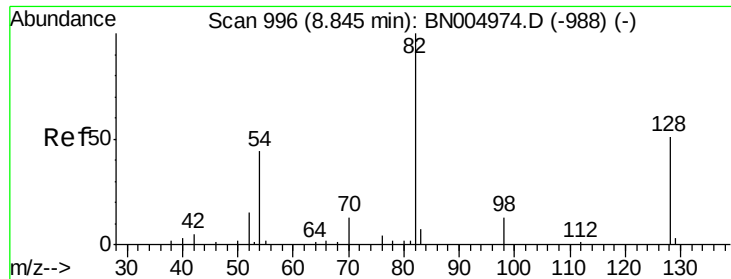
Tot Ion:136	Resp:	43337
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 6.6	5.3	7.9
68 5.7	4.6	6.8



#22
Acetophenone
Concen: 40.250 ng
RT: 8.50 min Scan# 938
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion:105	Resp:	39770
Ion Ratio	Lower	Upper
105 100		
71 0.0	0.0	0.0
51 22.3	17.8	26.8
120 23.2	18.6	27.8

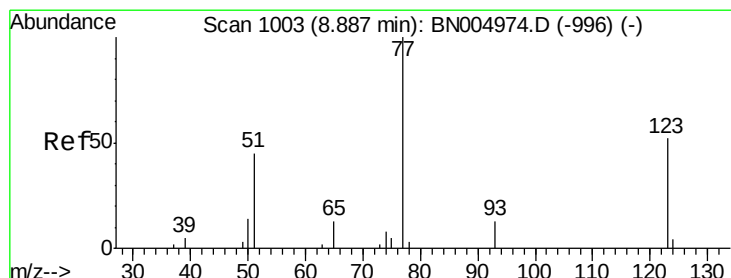
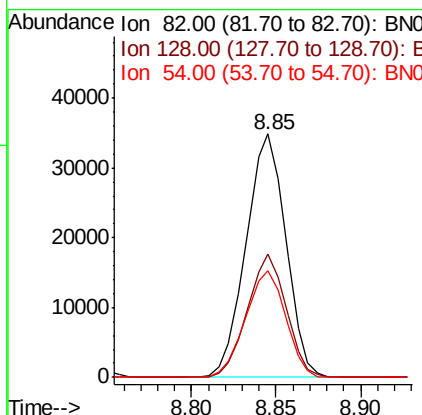
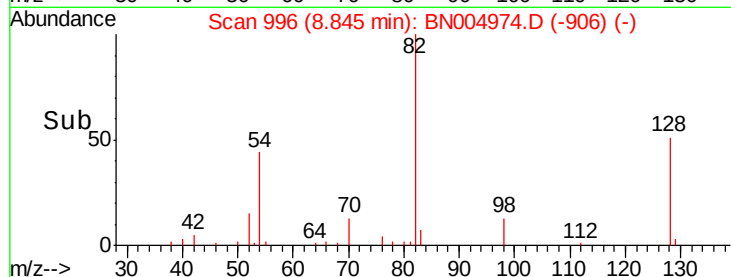
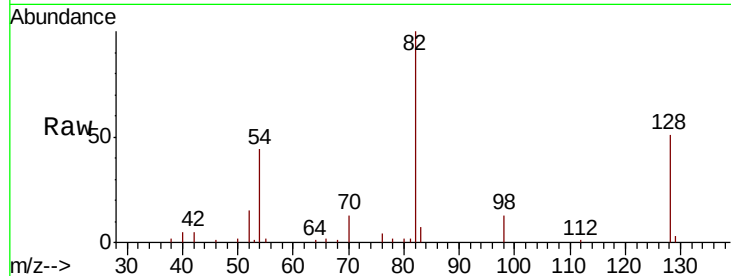




#23
Nitrobenzene-d5
Concen: 83.259 ng
RT: 8.85 min Scan# 996
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

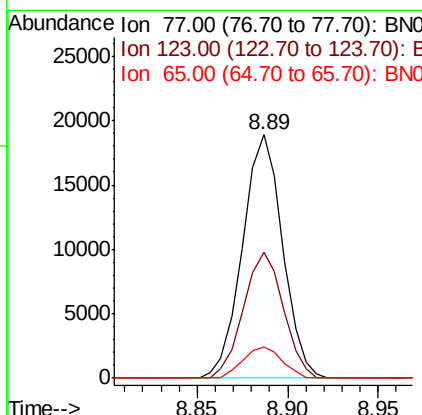
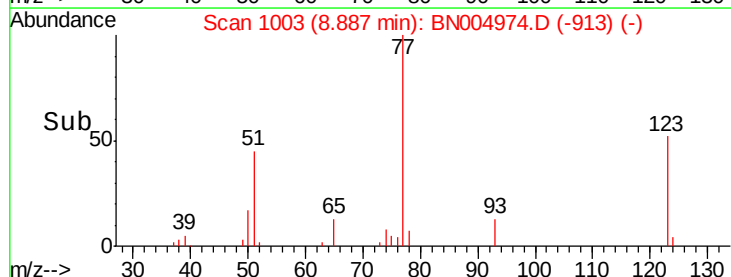
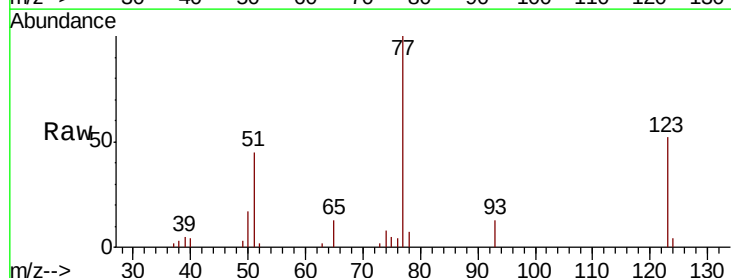
Instrument :
BNA_N
ClientSampled :

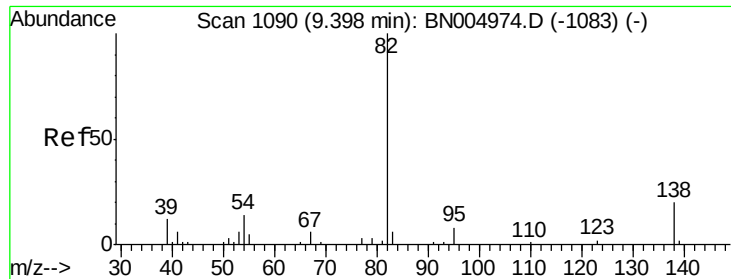
Tot Ion: 82 Resp: 57321
Ion Ratio Lower Upper
82 100
128 50.7 40.6 60.8
54 44.0 35.2 52.8



#24
Nitrobenzene
Concen: 41.122 ng
RT: 8.89 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion: 77 Resp: 29053
Ion Ratio Lower Upper
77 100
123 51.6 41.3 61.9
65 12.9 10.3 15.5

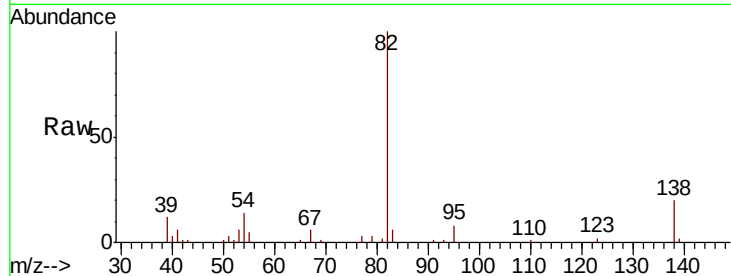




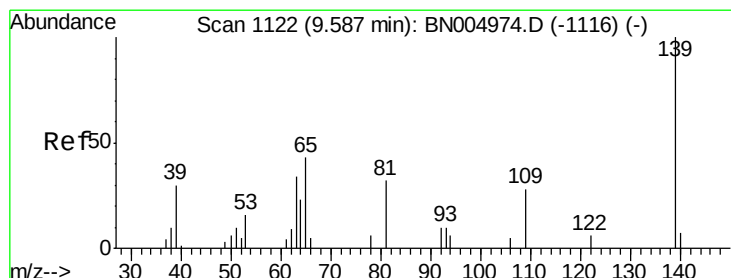
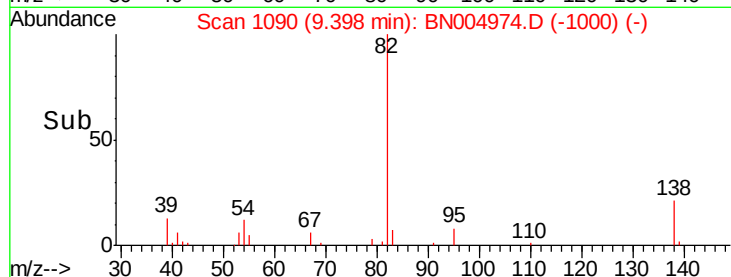
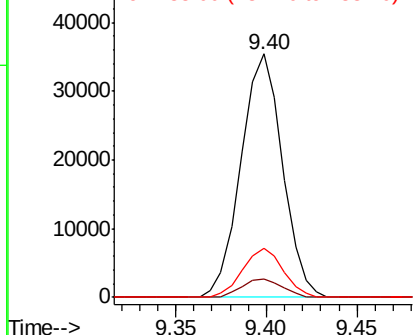
#25
Isophorone
Concen: 47.266 ng
RT: 9.40 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 82 Resp: 56353
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 20.2 16.2 24.2

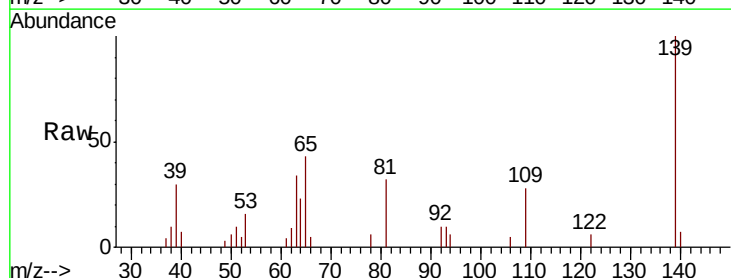


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 95.00 (94.70 to 95.70): BN0
Ion 138.00 (137.70 to 138.70): BN0

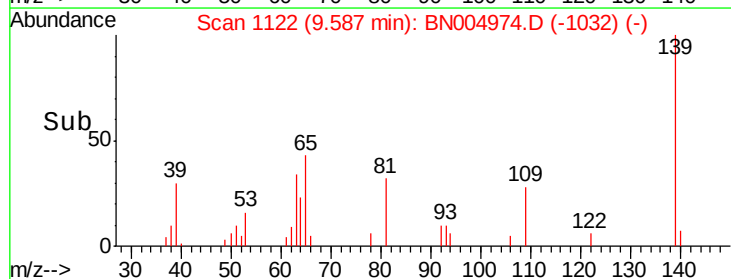
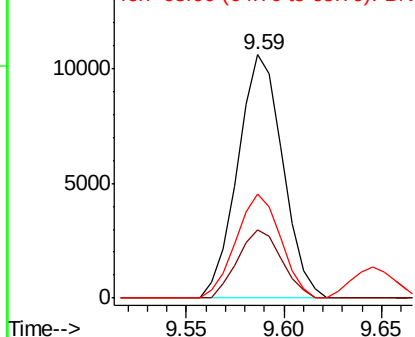


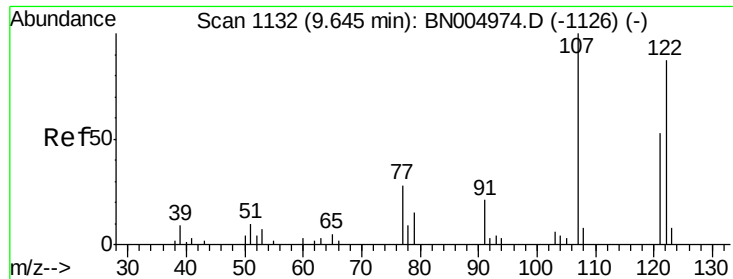
#26
2-Nitrophenol
Concen: 42.133 ng
RT: 9.59 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion: 139 Resp: 16924
Ion Ratio Lower Upper
139 100
109 28.1 22.5 33.7
65 42.8 34.2 51.4



Abundance Ion 139.00 (138.70 to 139.70): BN0
Ion 109.00 (108.70 to 109.70): BN0
Ion 65.00 (64.70 to 65.70): BN0

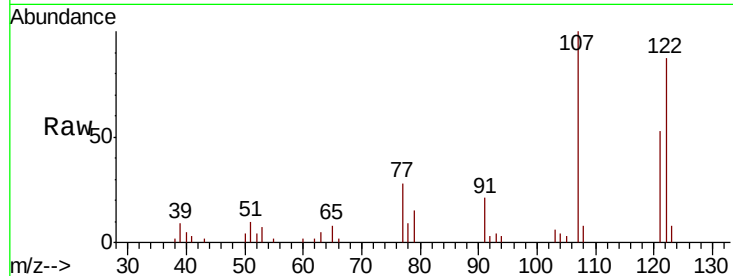




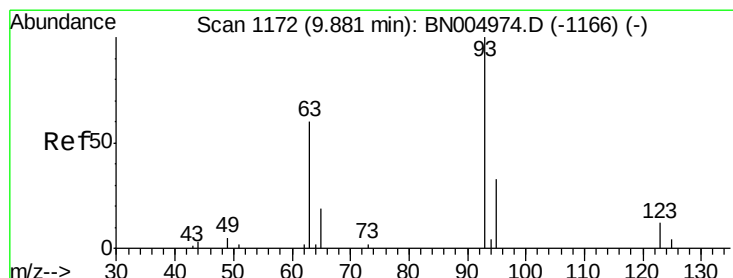
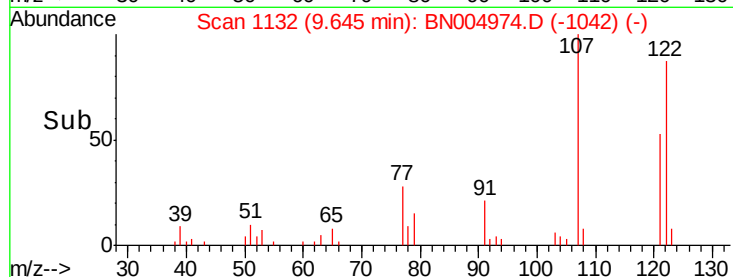
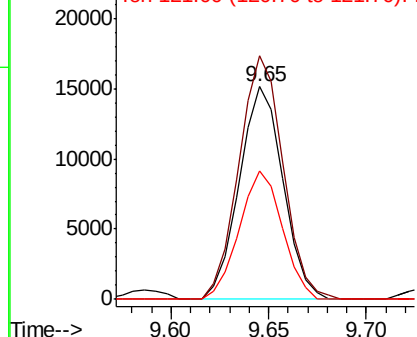
#27
 2,4-Dimethylphenol
 Concen: 40.885 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:122 Resp: 23473
 Ion Ratio Lower Upper
 122 100
 107 114.5 91.6 137.4
 121 60.2 48.2 72.2

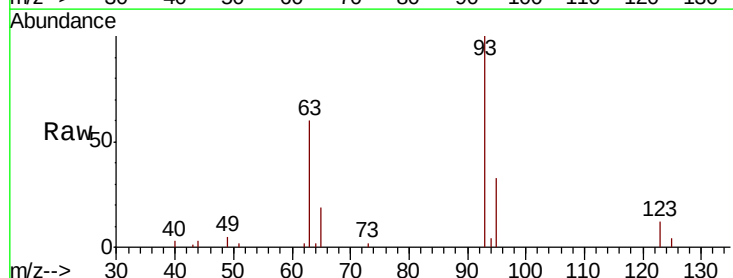


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

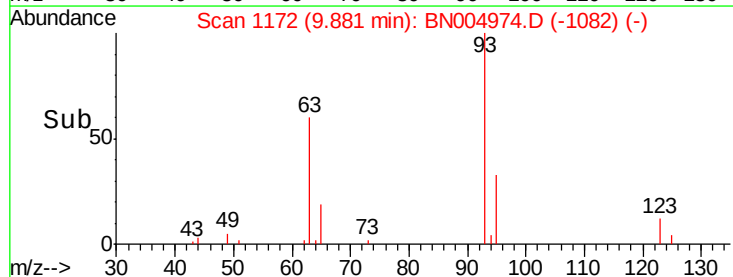
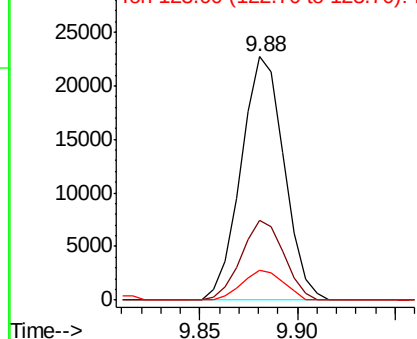


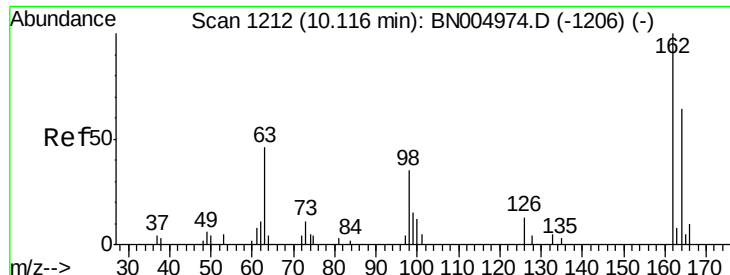
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.835 ng
 RT: 9.88 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion: 93 Resp: 34727
 Ion Ratio Lower Upper
 93 100
 95 32.8 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: 40.023 ng

RT: 10.12 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampleId :

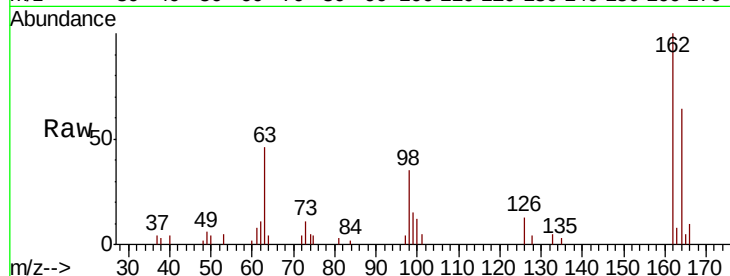
Tot Ion:162 Resp: 27037

Ion Ratio Lower Upper

162 100

164 64.3 44.3 84.3

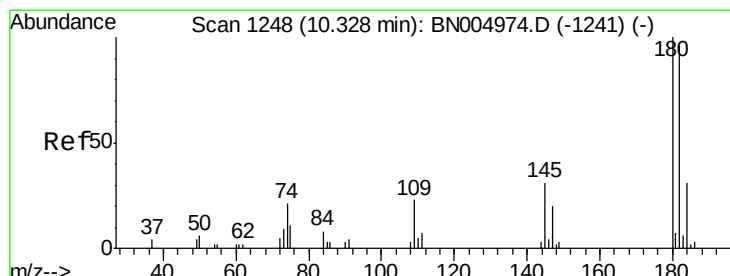
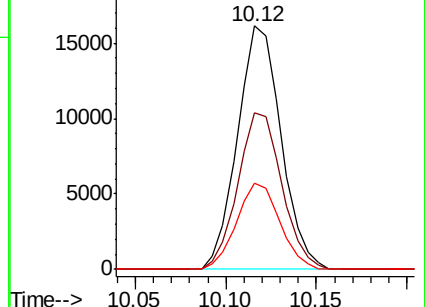
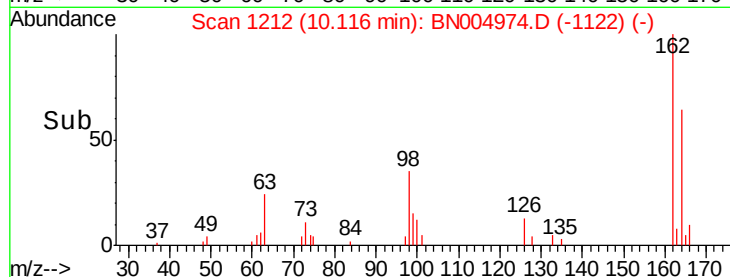
98 35.3 15.3 55.3



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: 38.370 ng

RT: 10.33 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

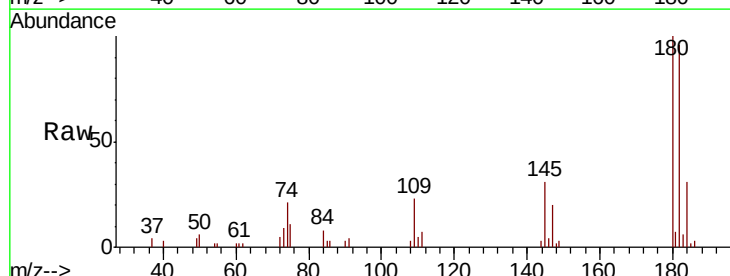
Tgt Ion:180 Resp: 29543

Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

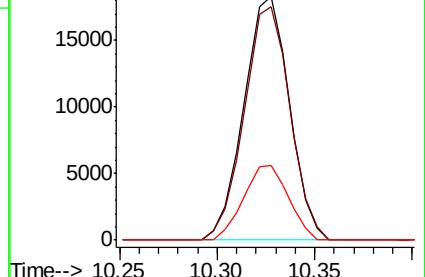
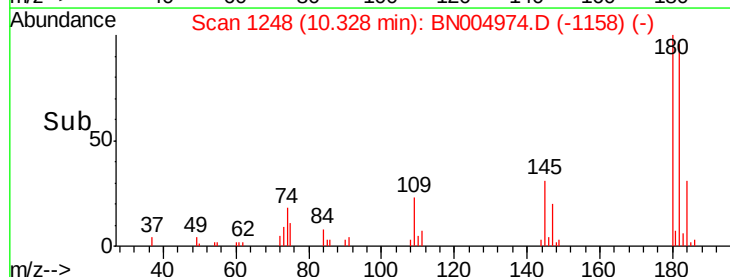
145 30.8 24.6 37.0

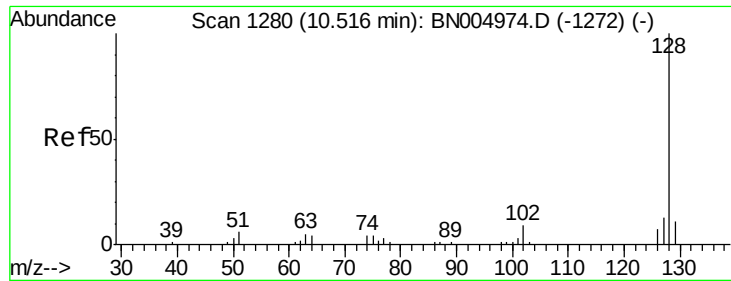


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

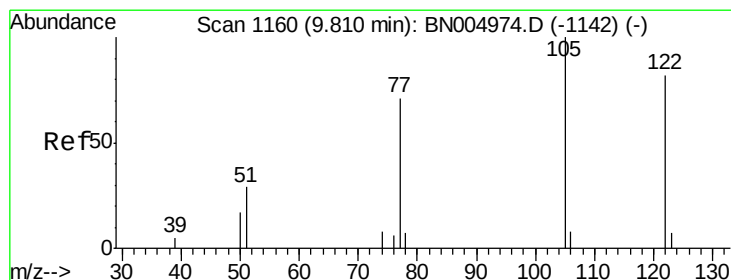
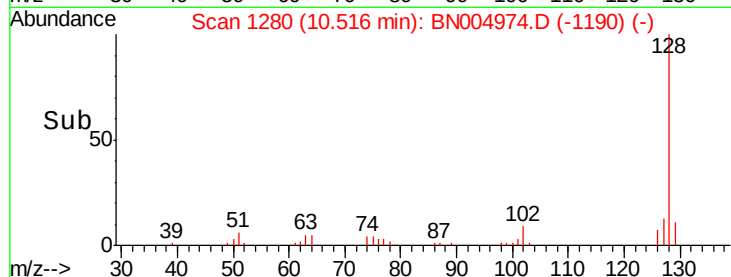
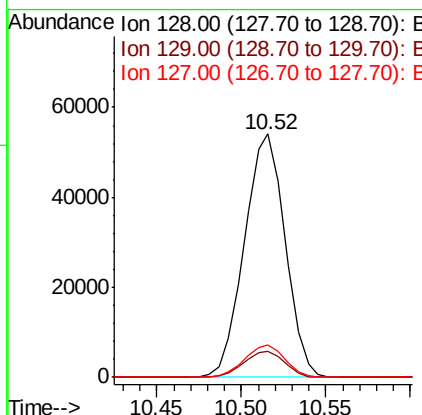
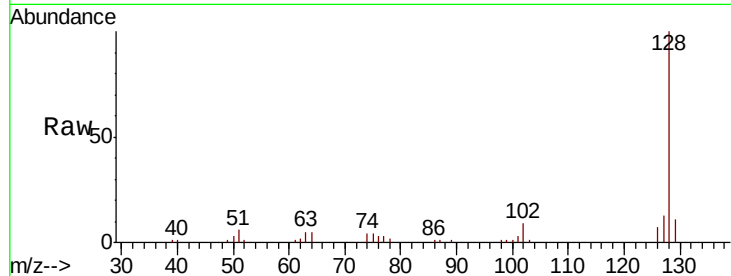




#31
Naphthalene
Concen: 42.877 ng
RT: 10.52 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

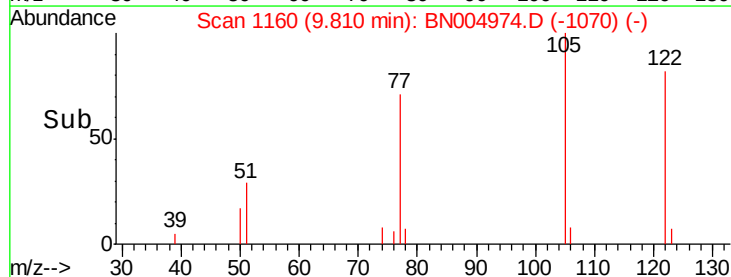
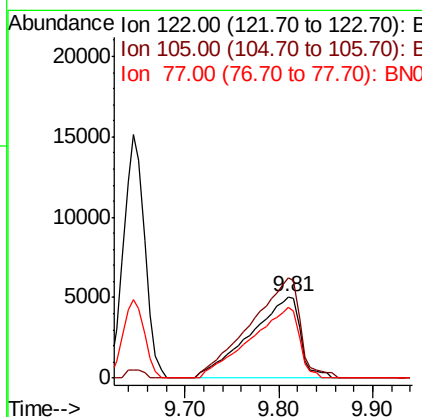
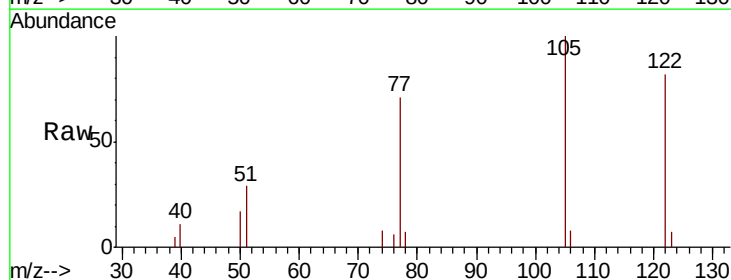
Instrument :
BNA_N
ClientSampleId :

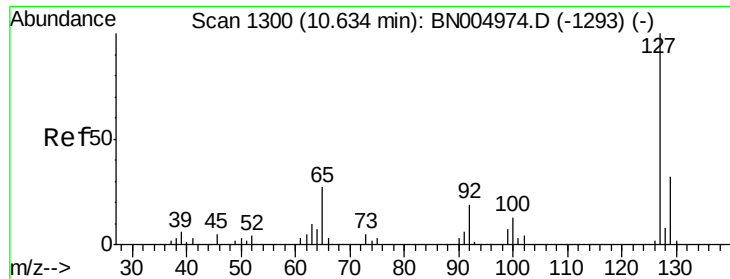
Tot Ion:128 Resp: 90449
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 36.941 ng
RT: 9.81 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion:122 Resp: 18786
Ion Ratio Lower Upper
122 100
105 122.4 102.4 142.4
77 87.1 67.1 107.1

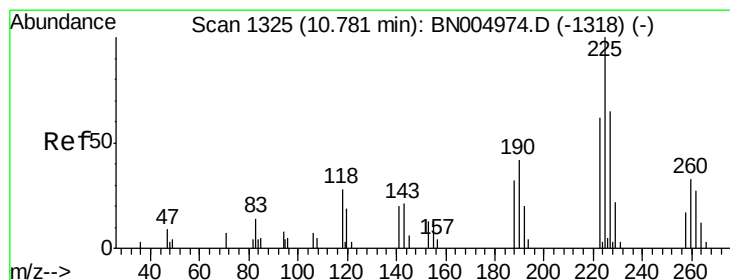
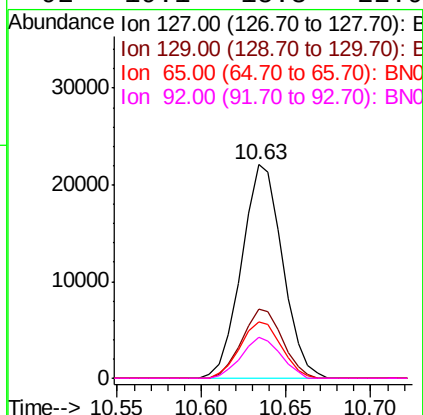
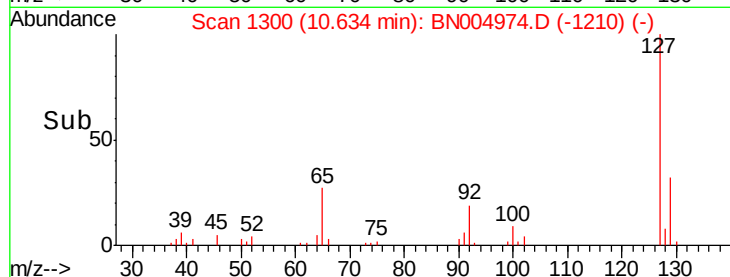
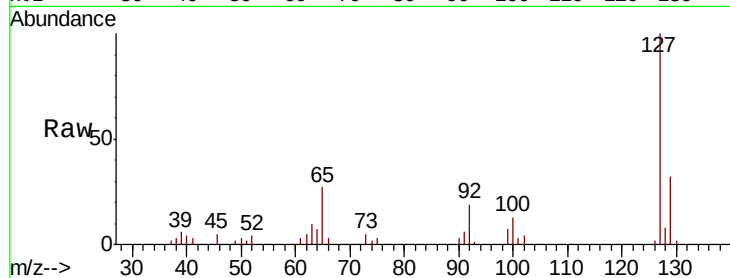




#33
4-Chloroaniline
Concen: 39.607 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

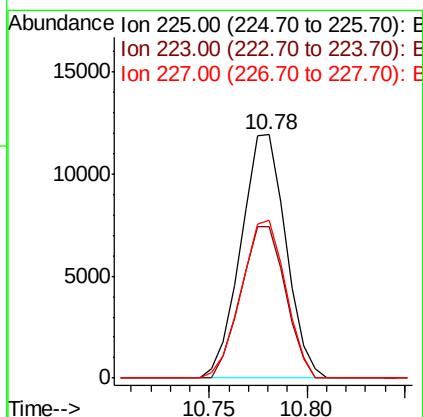
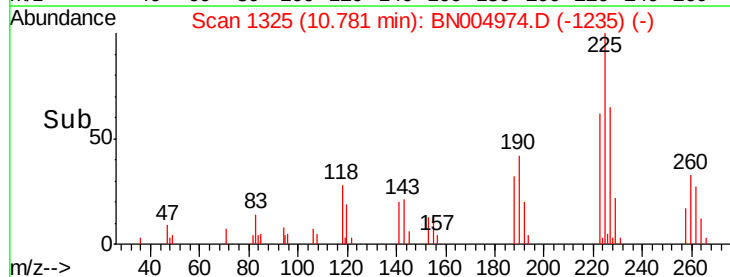
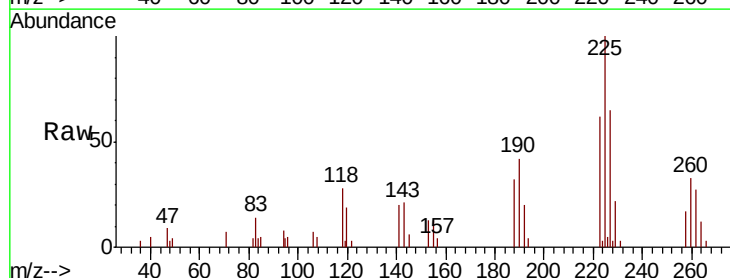
Instrument :
BNA_N
ClientSampleId :

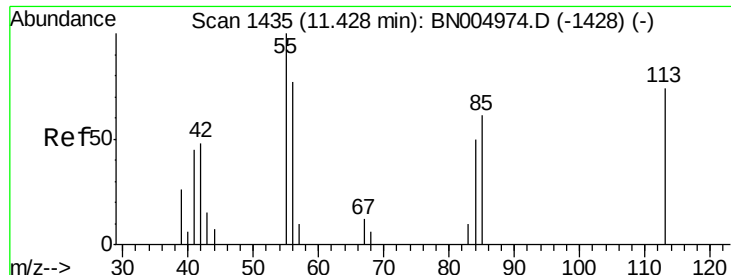
Tot Ion:127	Resp:	37279
Ion Ratio	Lower	Upper
127 100		
129 32.4	25.9	38.9
65 26.7	21.4	32.0
92 19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 41.364 ng
RT: 10.78 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion:225	Resp: 19071
Ion Ratio	Lower Upper
225 100	
223 62.1	49.7 74.5
227 65.0	52.0 78.0

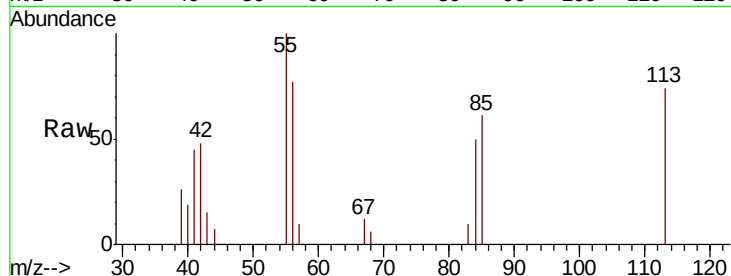




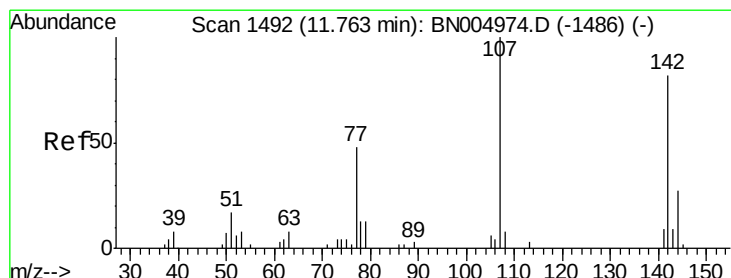
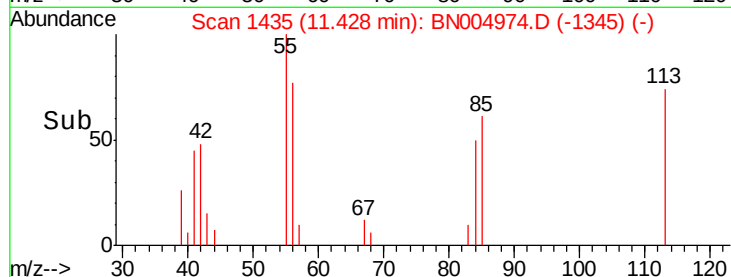
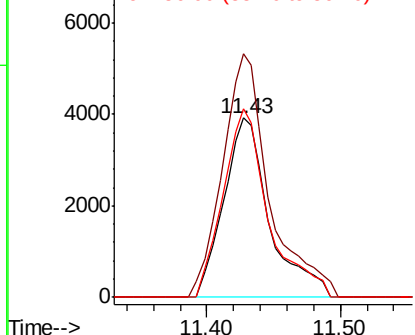
#35
 Caprolactam
 Concen: 39.276 ng
 RT: 11.43 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:113 Resp: 9356
 Ion Ratio Lower Upper
 113 100
 55 135.8 115.8 155.8
 56 105.1 85.1 125.1

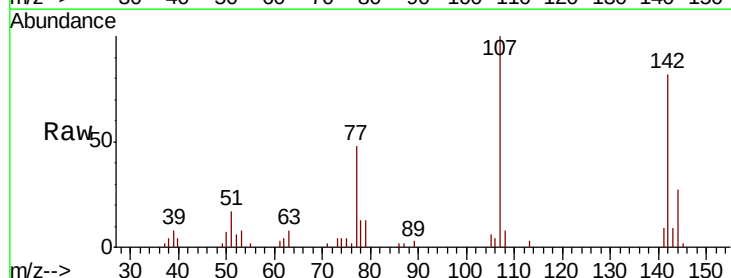


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BNO
 Ion 56.00 (55.70 to 56.70): BNO

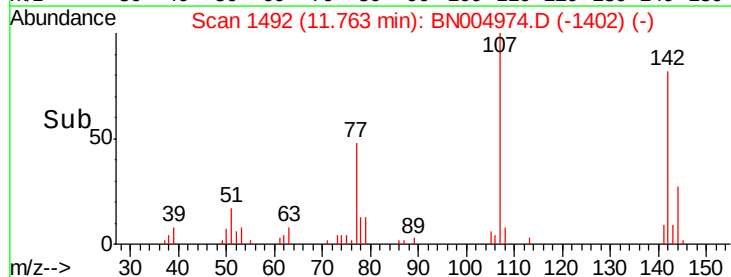
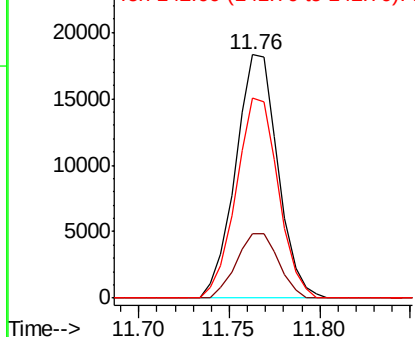


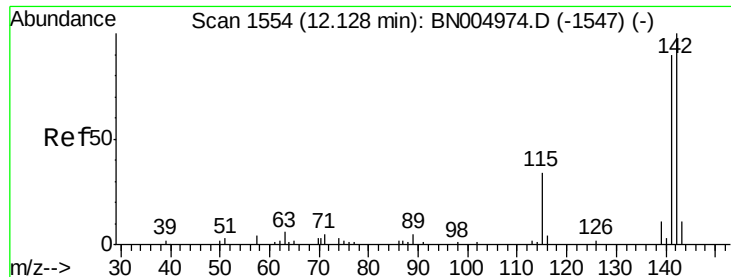
#36
 4-Chloro-3-methylphenol
 Concen: 41.545 ng
 RT: 11.76 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion:107 Resp: 29730
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.3 31.9
 142 82.3 65.8 98.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

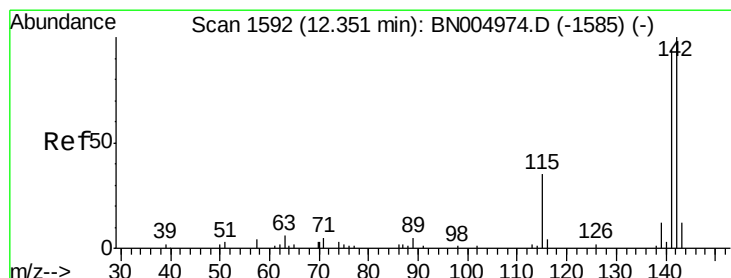
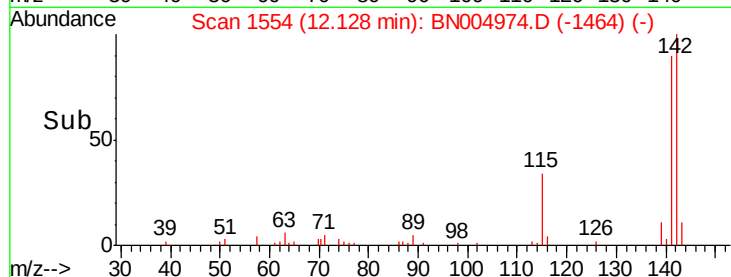
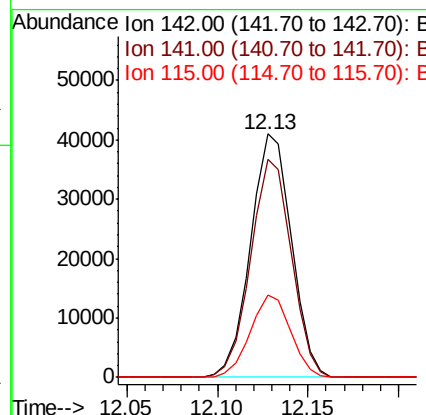
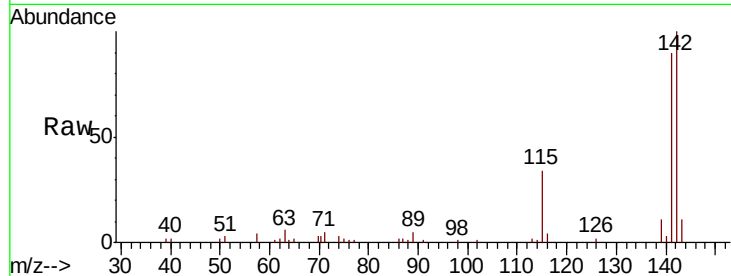




#37
 2-Methylnaphthalene
 Concen: 42.789 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

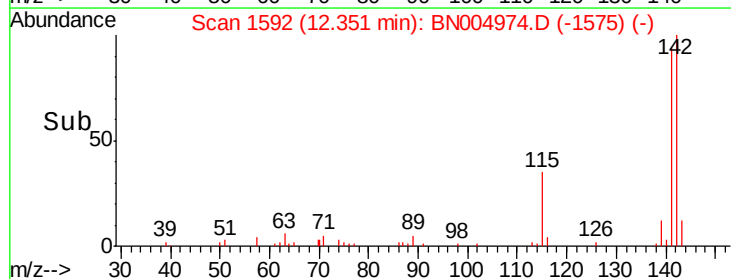
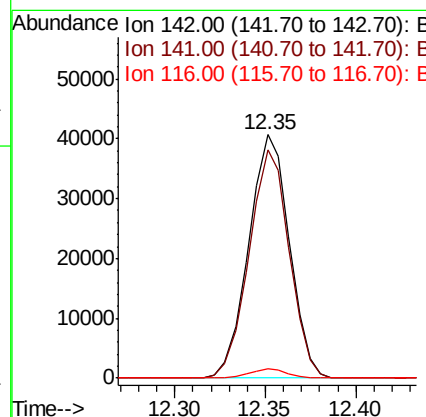
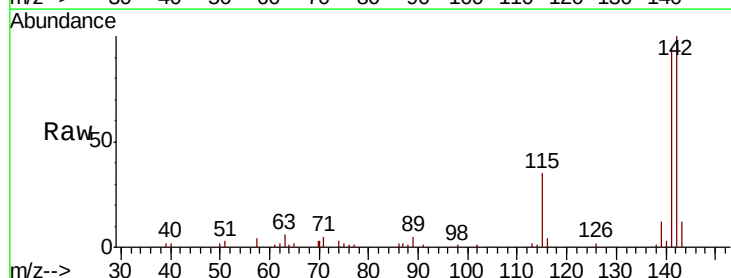
Instrument :
 BNA_N
 ClientSampled :

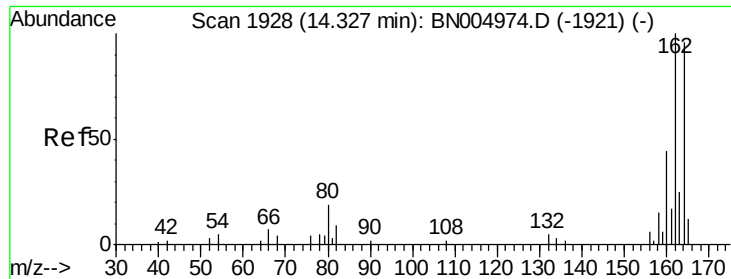
Tot Ion:142 Resp: 64466
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.8 107.8
 115 33.7 27.0 40.4



#38
 1-Methylnaphthalene
 Concen: 43.337 ng
 RT: 12.35 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion:142 Resp: 63241
 Ion Ratio Lower Upper
 142 100
 141 93.6 74.9 112.3
 116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampleId :

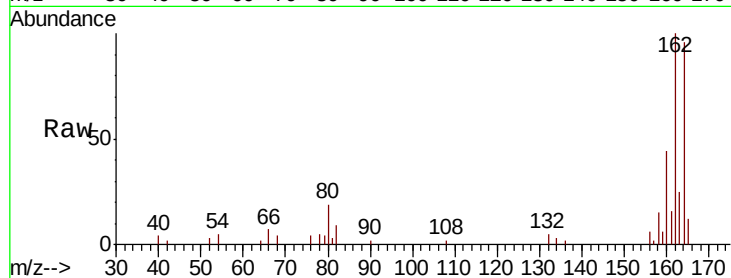
Tot Ion:164 Resp: 25090

Ion Ratio Lower Upper

164 100

162 104.2 83.4 125.0

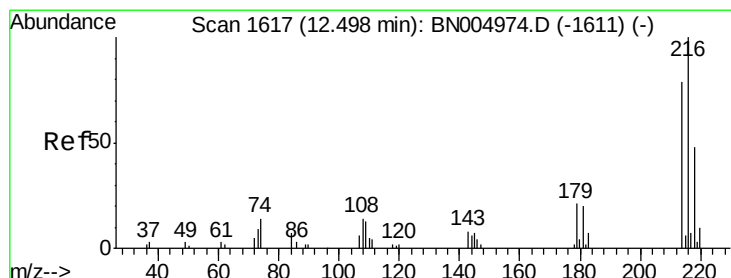
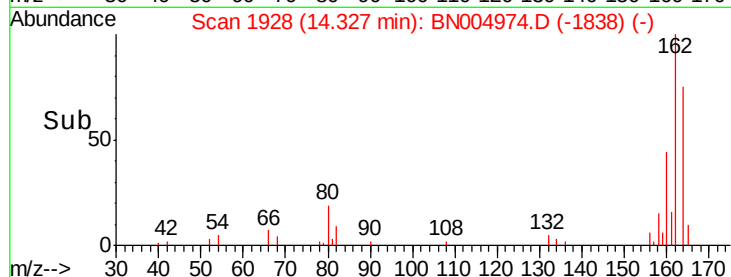
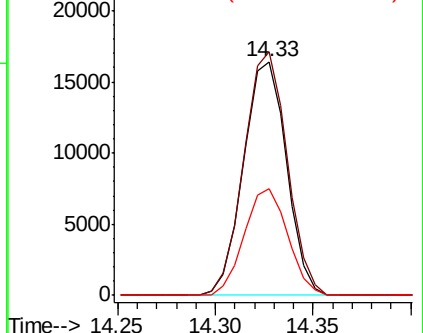
160 45.8 36.6 55.0



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: 38.919 ng

RT: 12.50 min Scan# 1617

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Tgt Ion:216 Resp: 35101

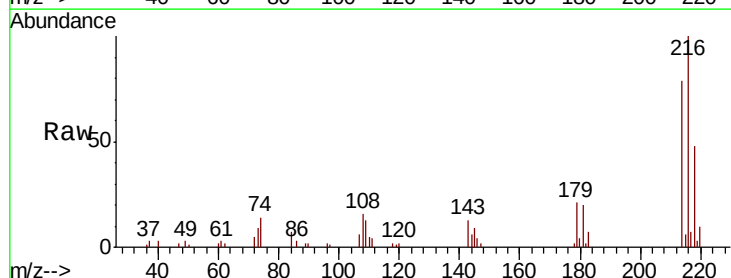
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 20.5 16.4 24.6

108 15.9 12.7 19.1

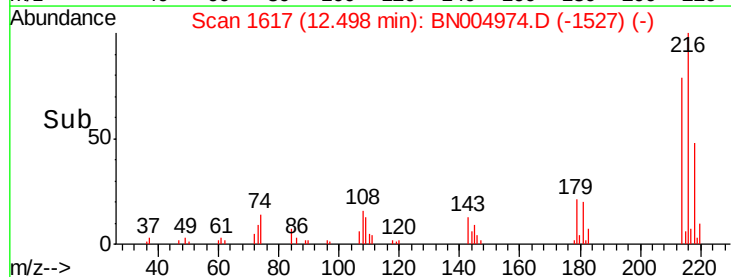
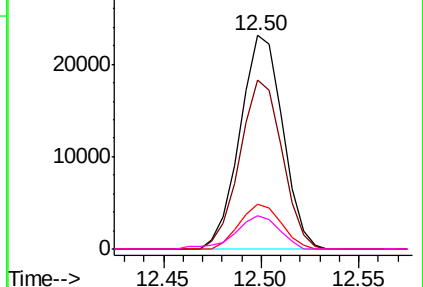


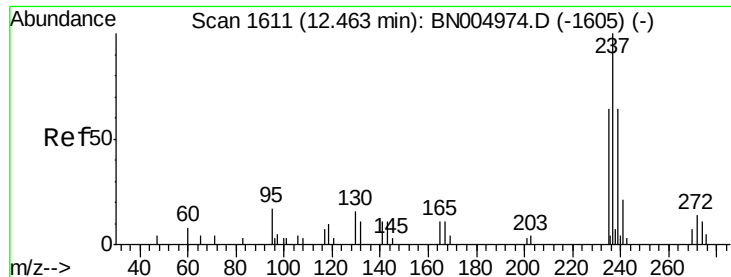
Abundance Ion 216.00 (215.70 to 216.70): E

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

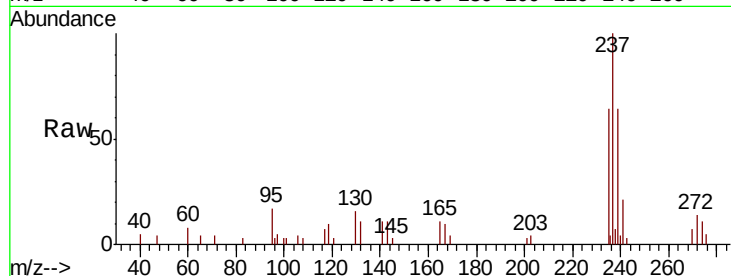




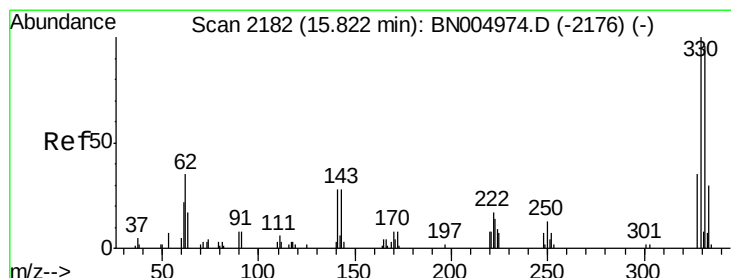
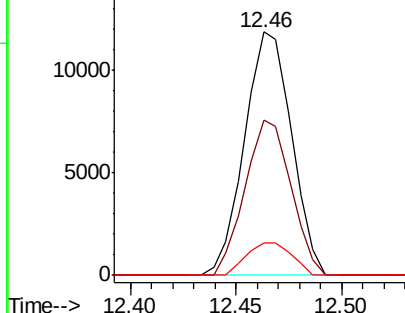
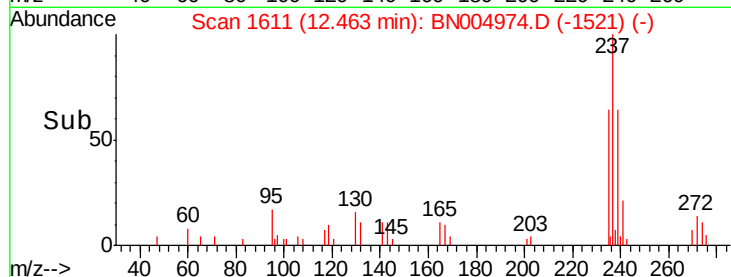
#41
Hexachlorocyclopentadiene
Concen: 40.741 ng
RT: 12.46 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:237 Resp: 18420
Ion Ratio Lower Upper
237 100
235 63.6 43.6 83.6
272 13.5 0.0 33.5

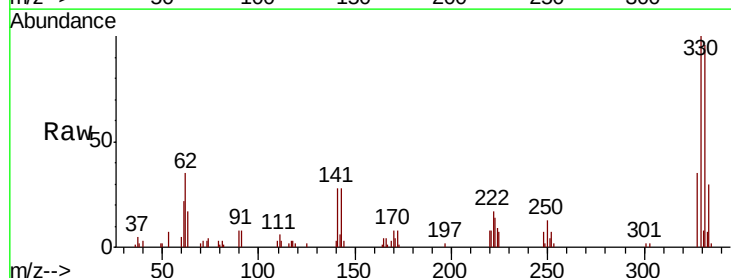


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

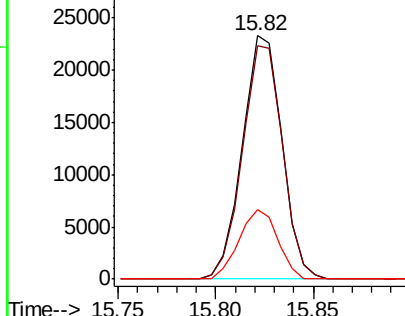
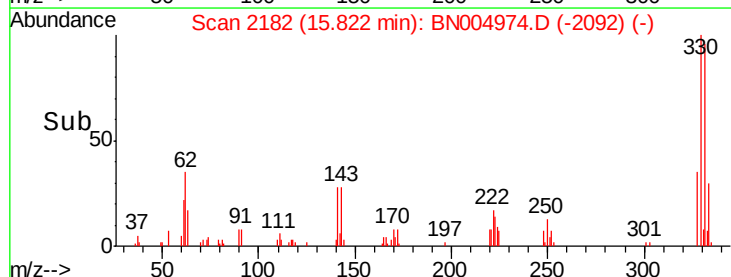


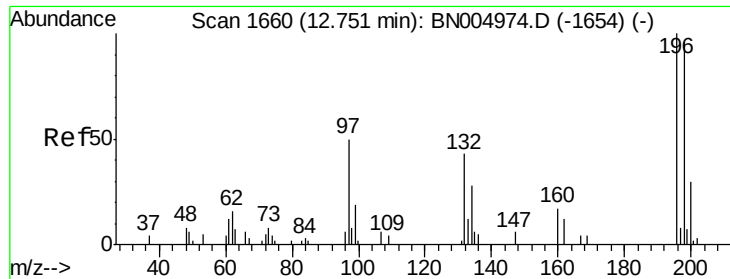
#42
2,4,6-Tribromophenol
Concen: 87.790 ng
RT: 15.82 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion:330 Resp: 32836
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 27.6 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

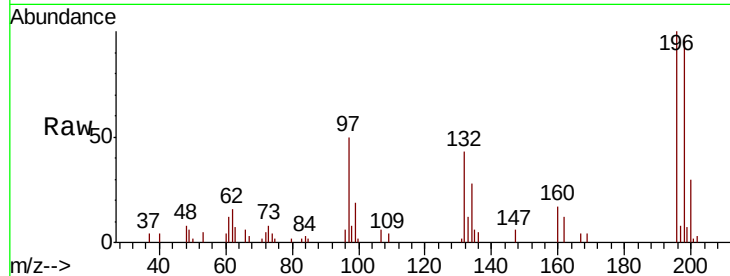




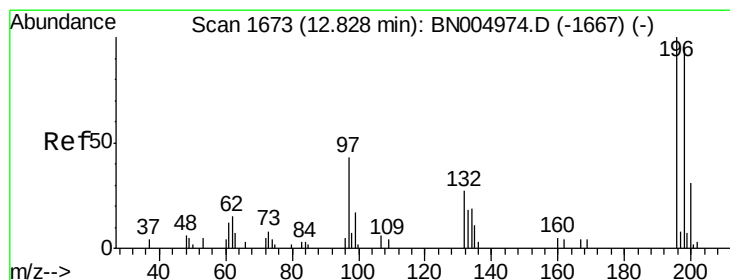
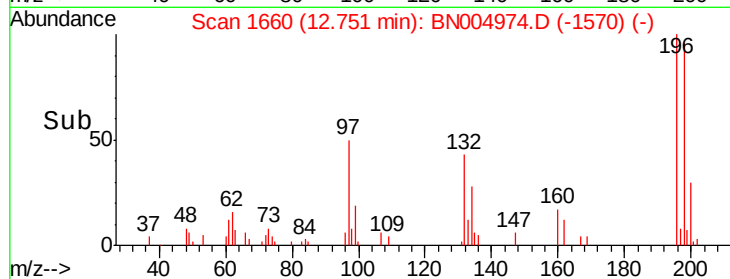
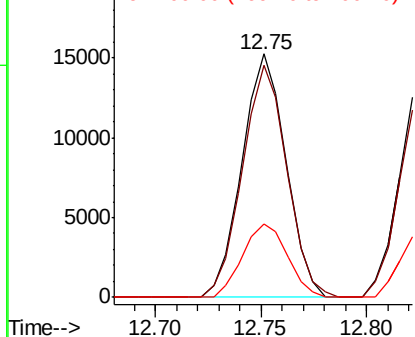
#43
 2,4,6-Trichlorophenol
 Concen: 39.433 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:196 Resp: 22083
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.5 114.7
 200 30.0 24.0 36.0

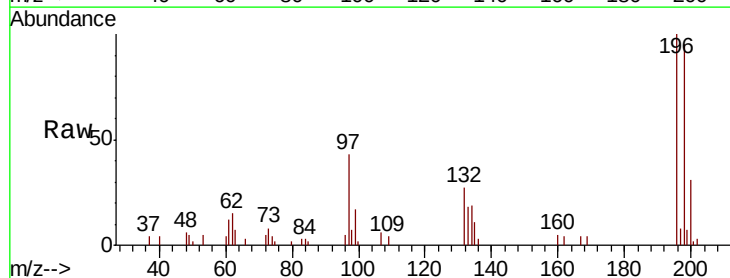


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

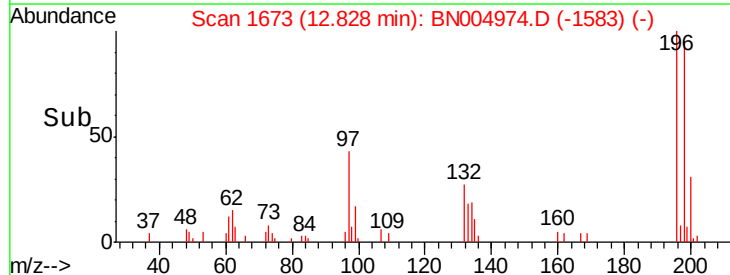
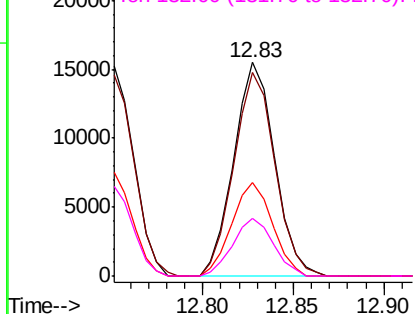


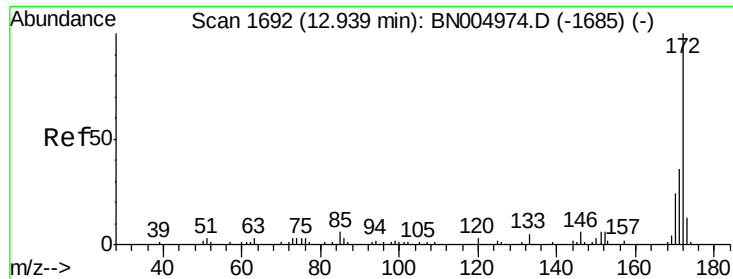
#44
 2,4,5-Trichlorophenol
 Concen: 40.780 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion:196 Resp: 24361
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.1 114.1
 97 43.5 34.8 52.2
 132 27.1 21.7 32.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BNC
 Ion 132.00 (131.70 to 132.70): E

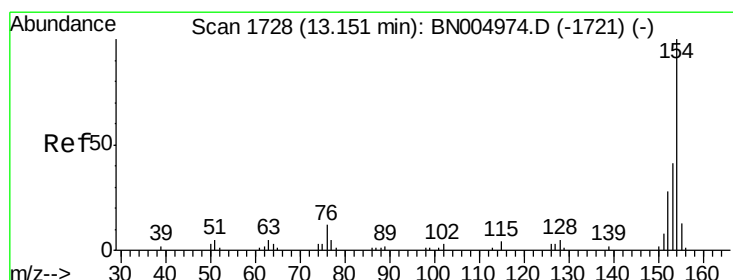
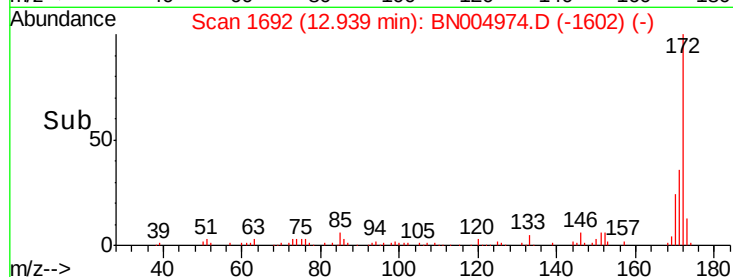
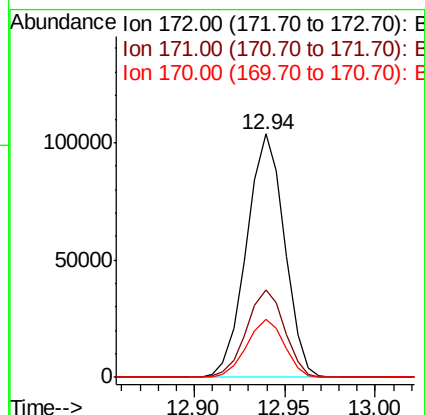
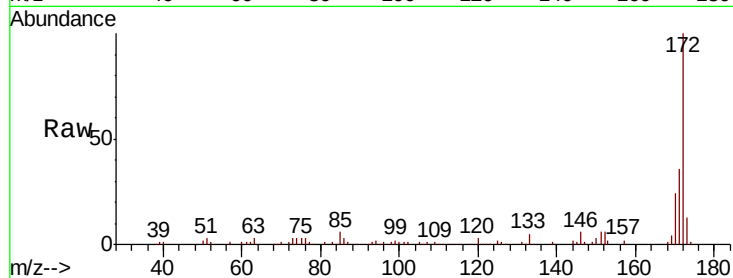




#45
2-Fluorobiphenyl
Concen: 80.210 ng
RT: 12.94 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

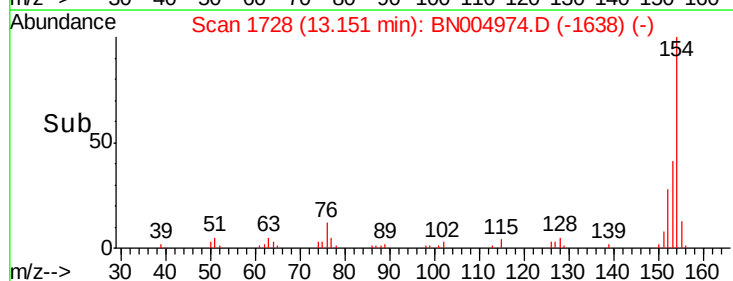
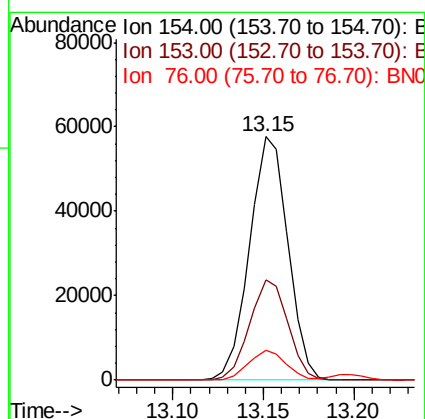
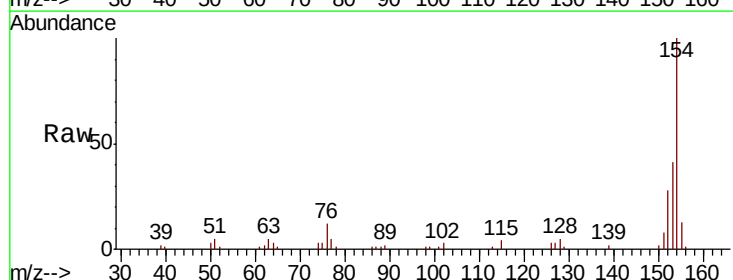
Instrument :
BNA_N
ClientSampled :

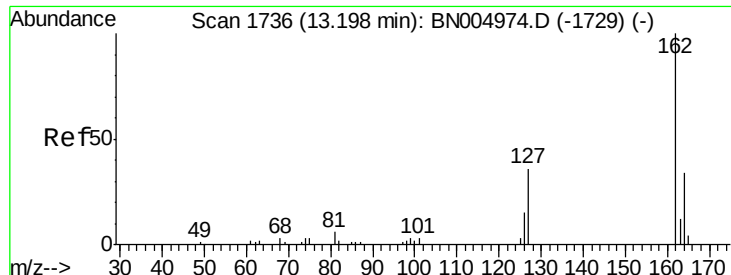
Tot Ion:172 Resp: 150774
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 38.178 ng
RT: 13.15 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion:154 Resp: 84839
Ion Ratio Lower Upper
154 100
153 41.2 21.2 61.2
76 12.2 0.0 32.2

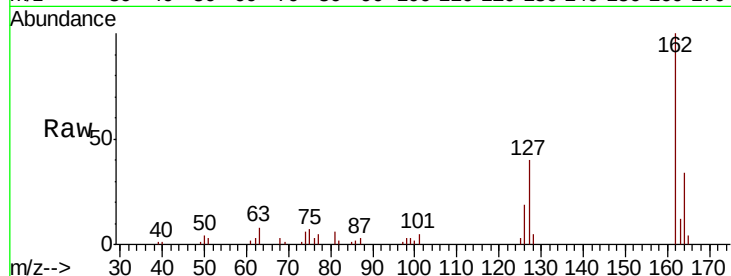




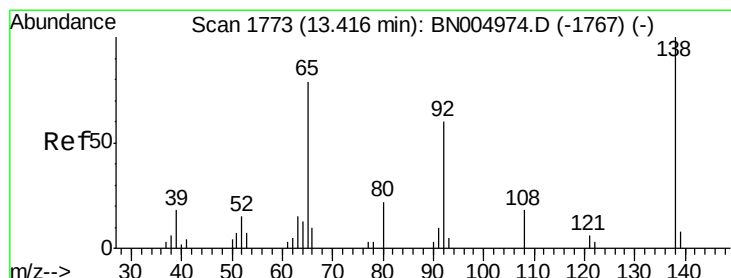
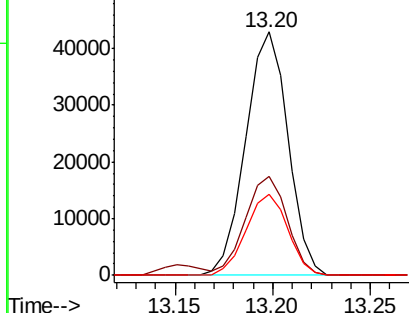
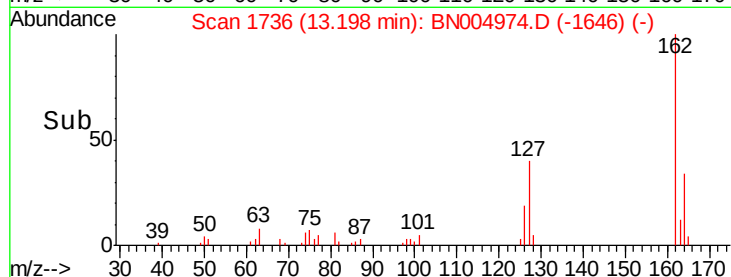
#47
 2-Chloronaphthalene
 Concen: 38.513 ng
 RT: 13.20 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:162 Resp: 64392
 Ion Ratio Lower Upper
 162 100
 127 40.5 32.4 48.6
 164 33.5 26.8 40.2

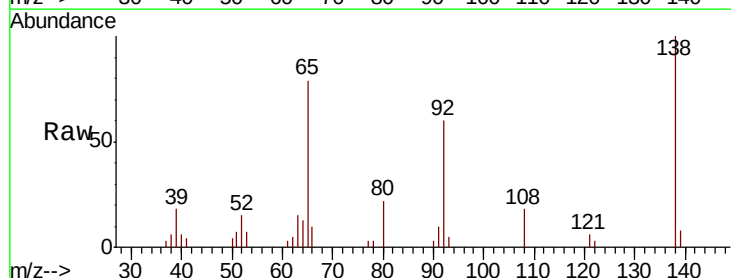


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

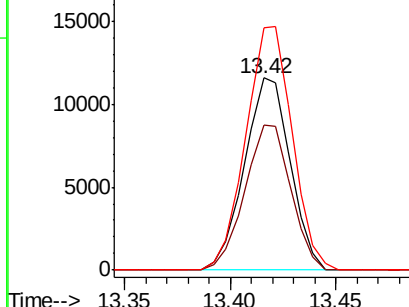
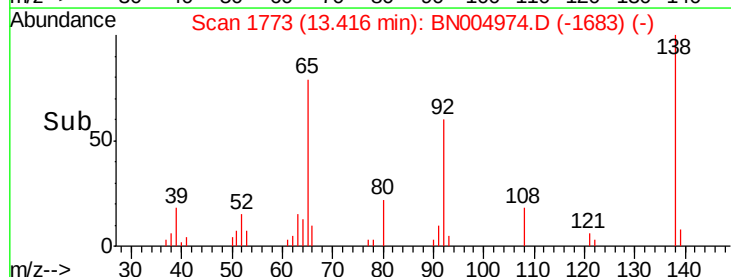


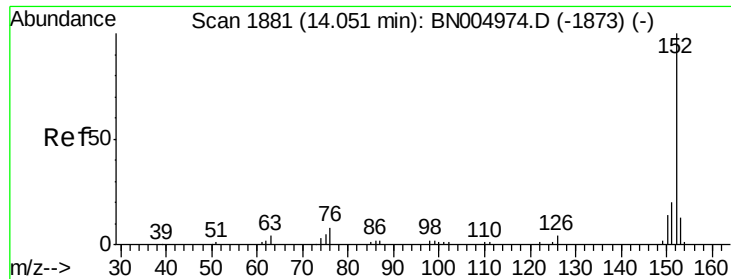
#48
 2-Nitroaniline
 Concen: 42.001 ng
 RT: 13.42 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion: 65 Resp: 17497
 Ion Ratio Lower Upper
 65 100
 92 75.3 60.2 90.4
 138 126.4 101.1 151.7



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





#49

Acenaphthylene

Concen: 44.549 ng

RT: 14.05 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampleId :

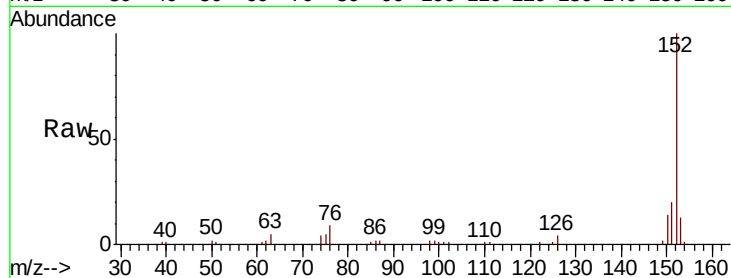
Tot Ion:152 Resp: 109881

Ion Ratio Lower Upper

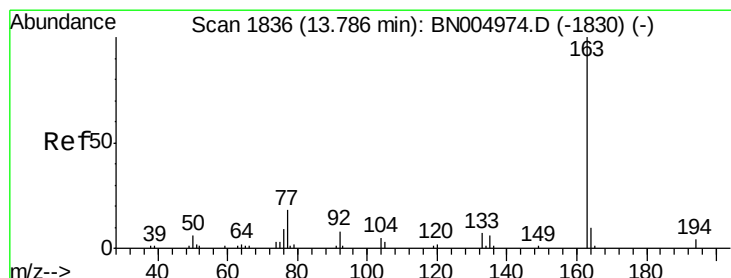
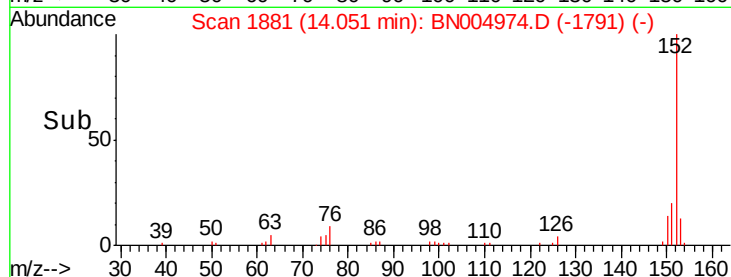
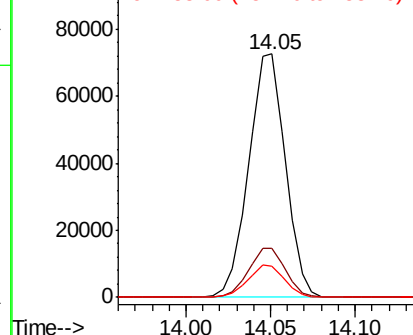
152 100

151 20.2 16.2 24.2

153 12.9 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: 42.187 ng

RT: 13.79 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

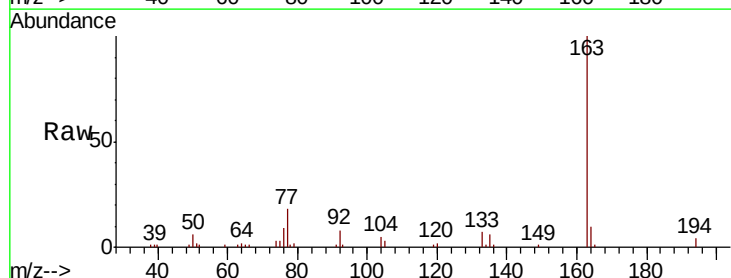
Tgt Ion:163 Resp: 82920

Ion Ratio Lower Upper

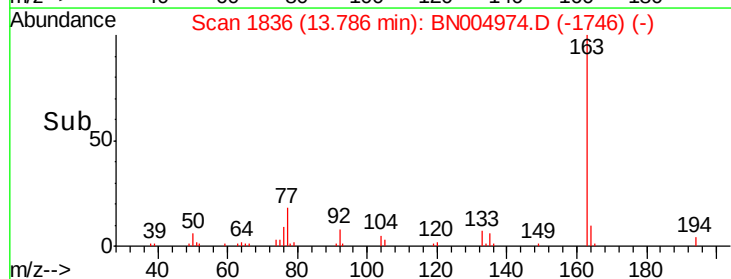
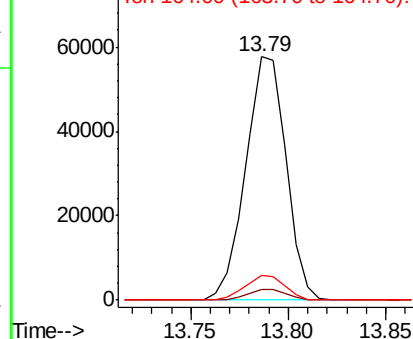
163 100

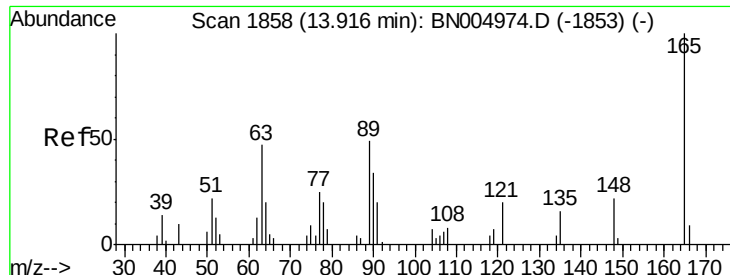
194 4.2 3.4 5.0

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

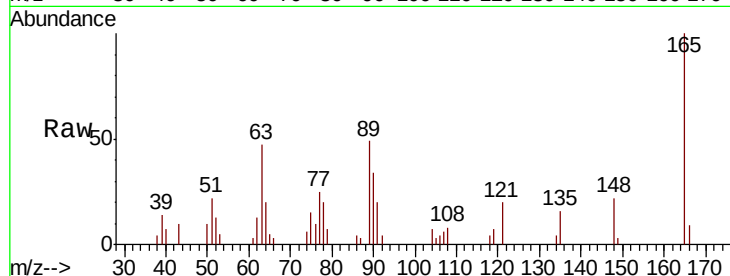




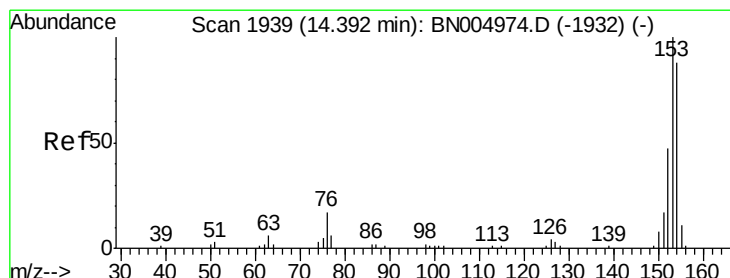
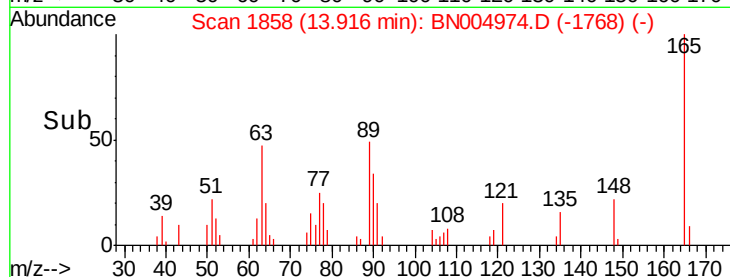
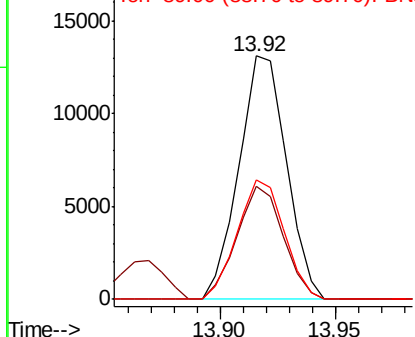
#51
2,6-Dinitrotoluene
Concen: 41.099 ng
RT: 13.92 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:165 Resp: 18856
Ion Ratio Lower Upper
165 100
63 46.6 37.3 55.9
89 49.0 39.2 58.8

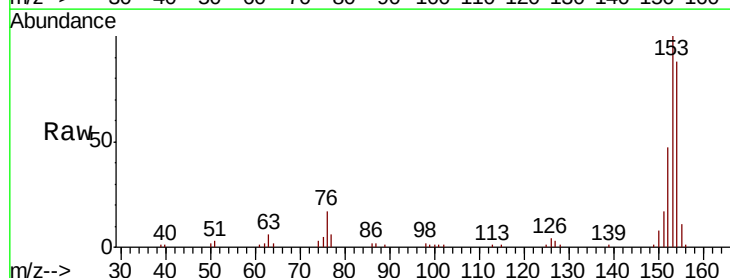


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 89.00 (88.70 to 89.70): BNO

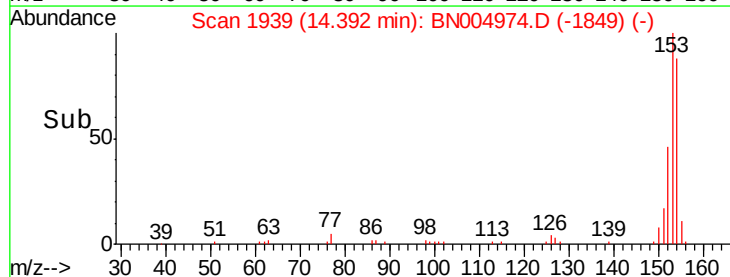
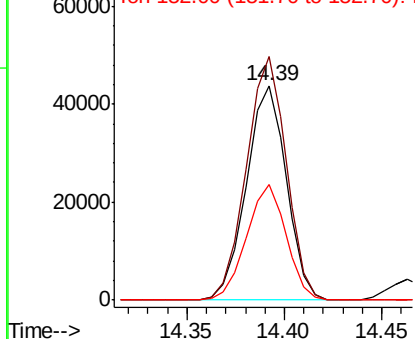


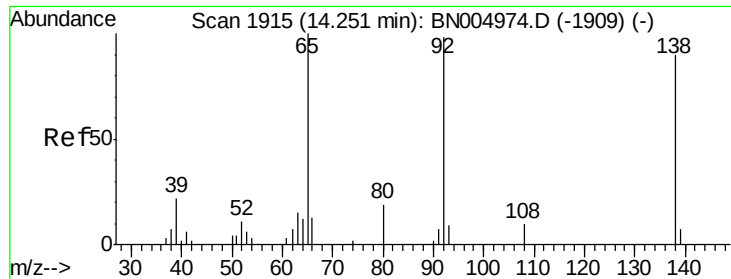
#52
Acenaphthene
Concen: 41.428 ng
RT: 14.39 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion:154 Resp: 61973
Ion Ratio Lower Upper
154 100
153 113.7 91.0 136.4
152 53.7 43.0 64.4



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





#53

3-Nitroaniline

Concen: 40.026 ng

RT: 14.25 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampleId :

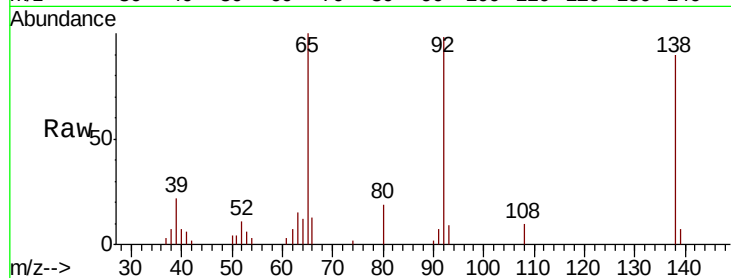
Tot Ion:138 Resp: 19632

Ion Ratio Lower Upper

138 100

108 10.7 8.6 12.8

92 108.6 86.9 130.3

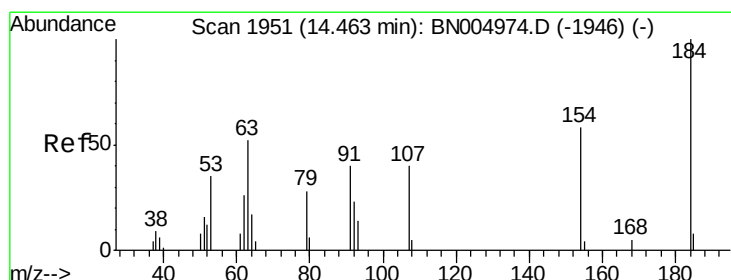
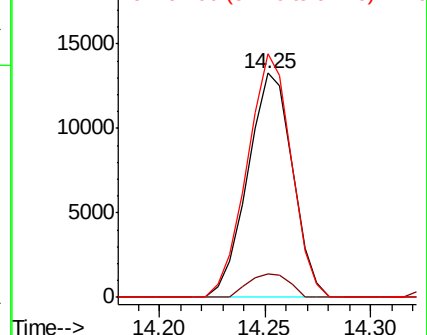
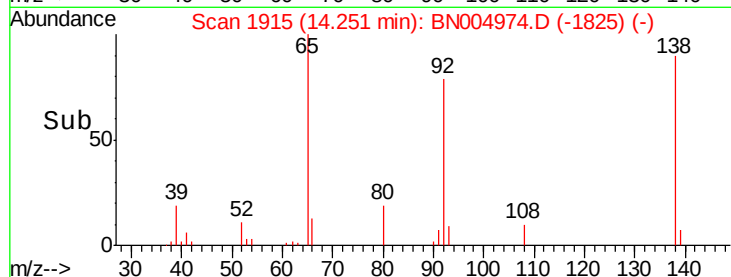


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO



#54

2,4-Dinitrophenol

Concen: 44.289 ng

RT: 14.46 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

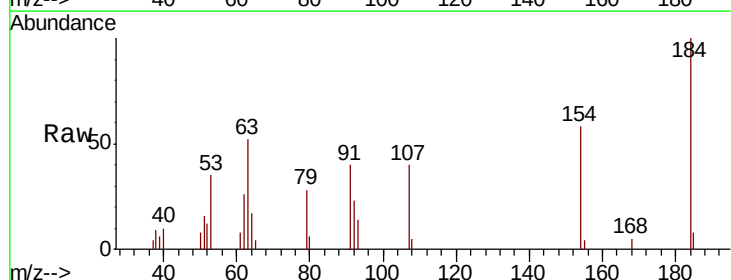
Tgt Ion:184 Resp: 10203

Ion Ratio Lower Upper

184 100

63 52.0 41.6 62.4

154 58.5 46.8 70.2

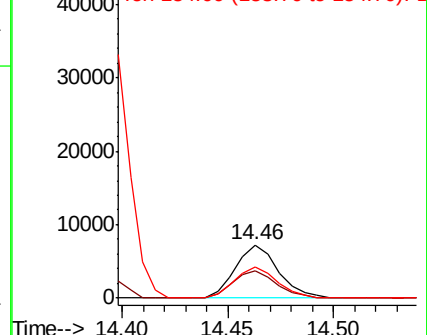
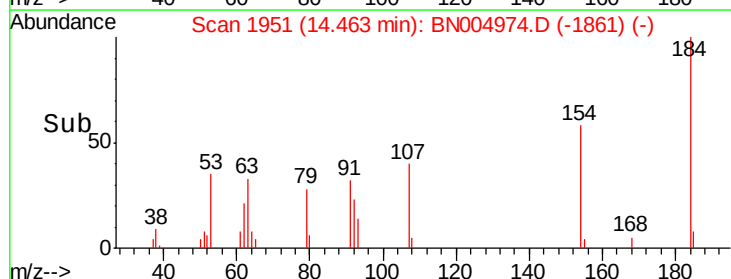


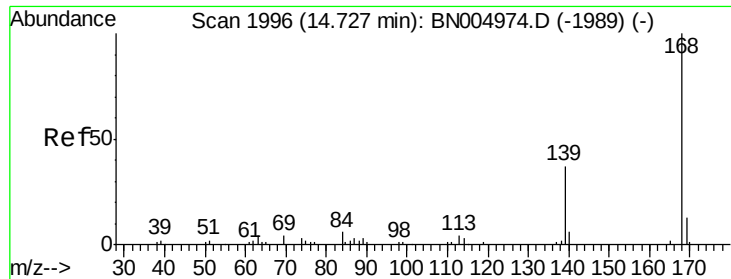
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E

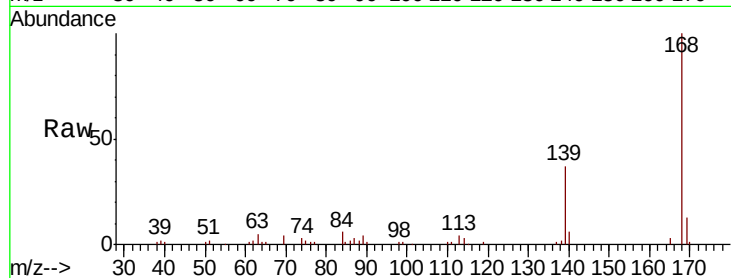




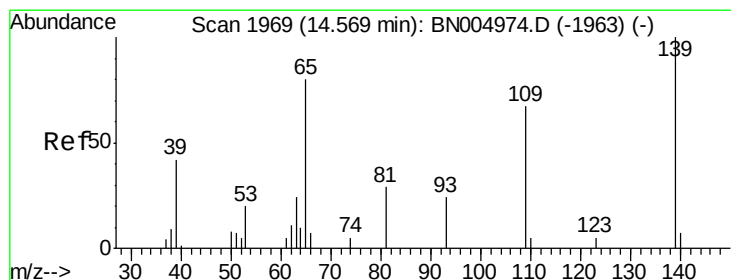
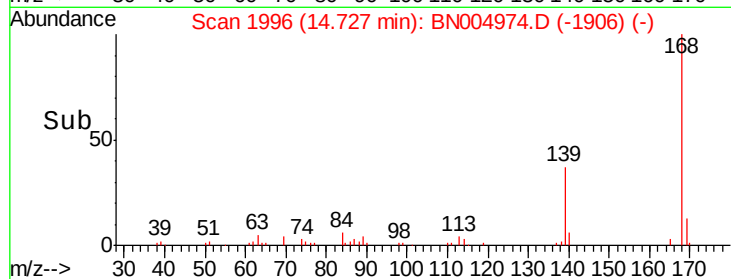
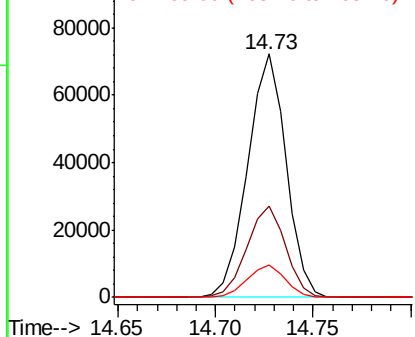
#55
Dibenzenofuran
Concen: 39.827 ng
RT: 14.73 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Instrument :
BNA_N
ClientSampled :

Tot Ion:168 Resp: 98141
Ion Ratio Lower Upper
168 100
139 37.4 29.9 44.9
169 13.2 10.6 15.8

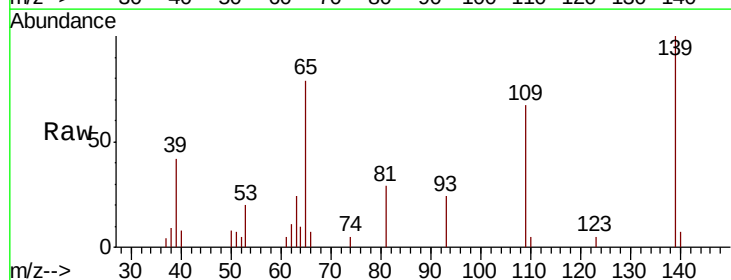


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

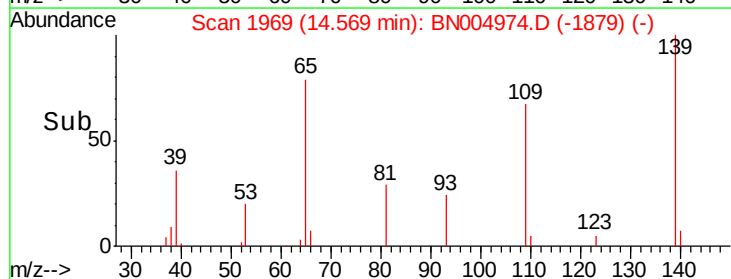
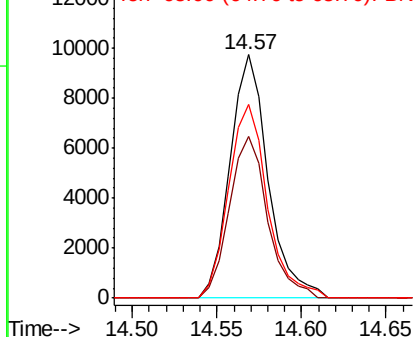


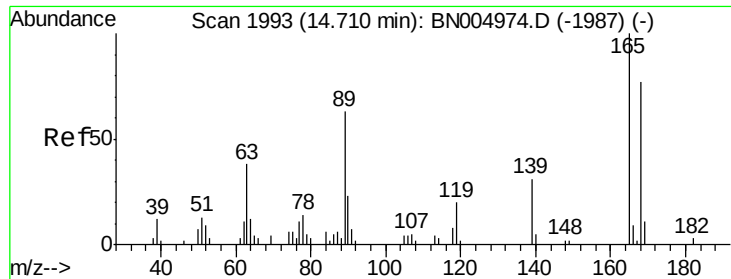
#56
4-Nitrophenol
Concen: 40.827 ng
RT: 14.57 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion:139 Resp: 15300
Ion Ratio Lower Upper
139 100
109 66.5 46.5 86.5
65 79.5 59.5 99.5



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

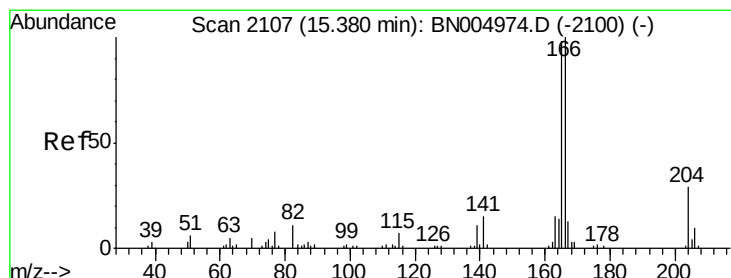
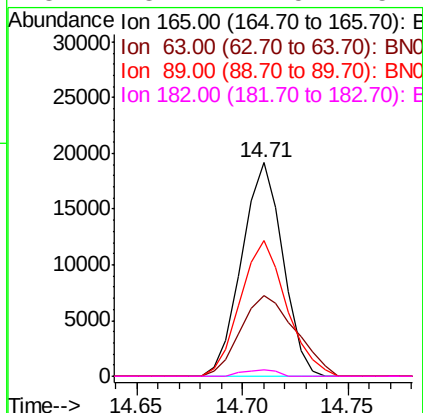
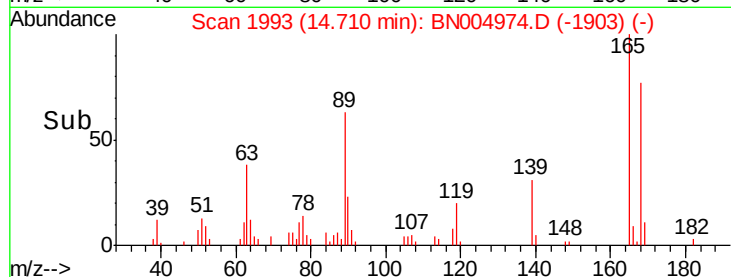
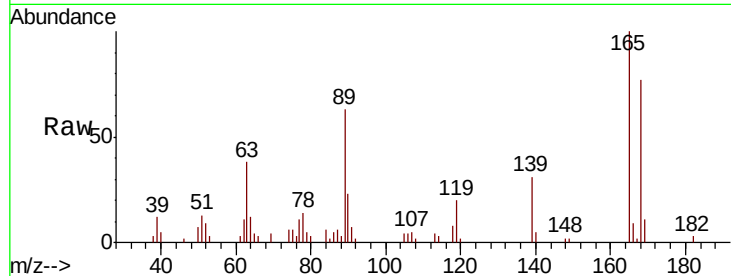




#57
 2,4-Dinitrotoluene
 Concen: 41.893 ng
 RT: 14.71 min Scan# 1993
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

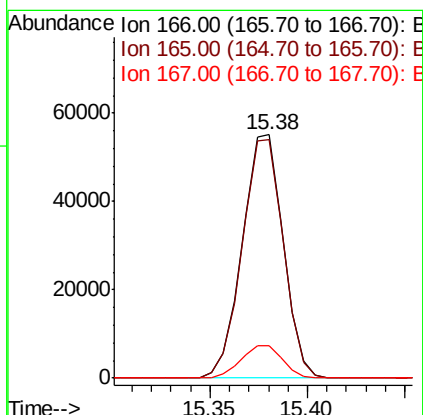
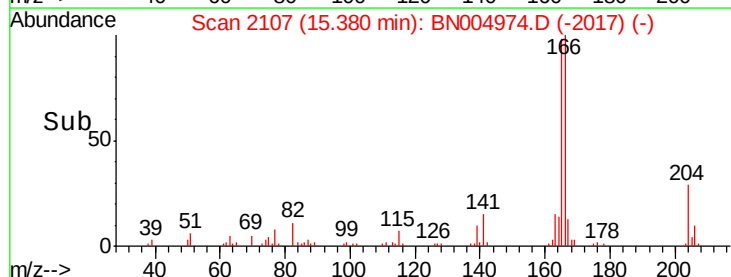
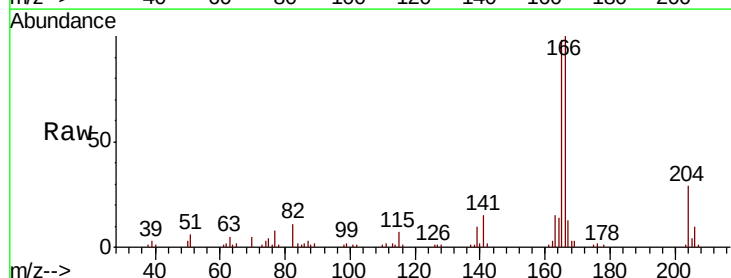
Instrument :
 BNA_N
 ClientSampled :

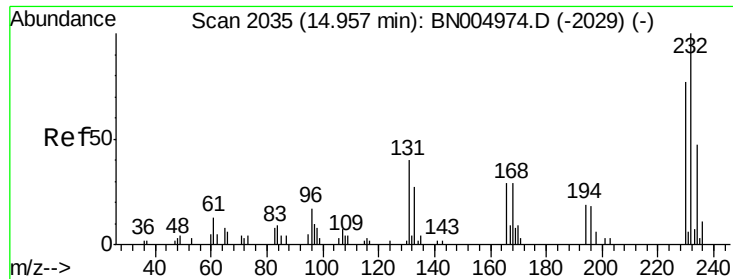
Tot Ion:165 Resp: 25979
 Ion Ratio Lower Upper
 165 100
 63 38.0 30.4 45.6
 89 63.4 50.7 76.1
 182 3.1 2.5 3.7



#58
 Fluorene
 Concen: 43.960 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion:166 Resp: 80044
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.3 117.5
 167 13.2 10.6 15.8

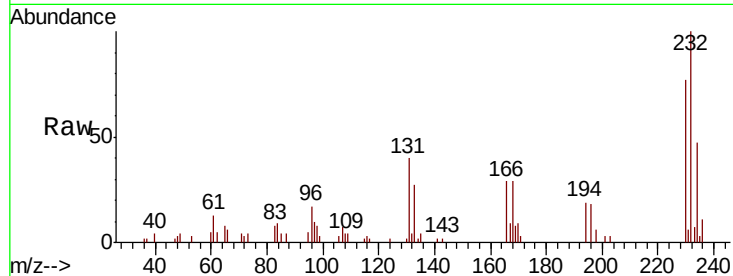




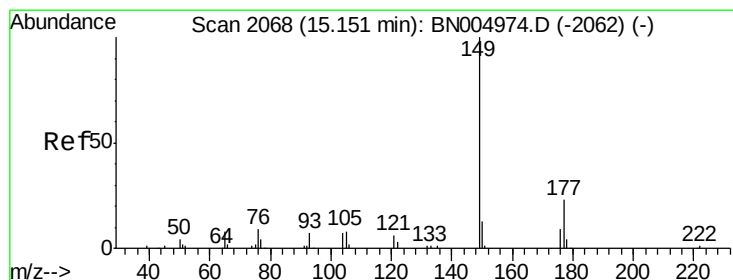
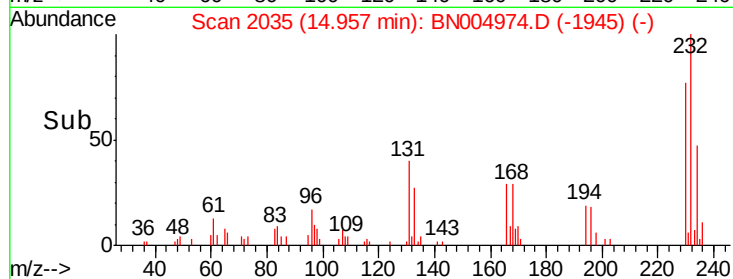
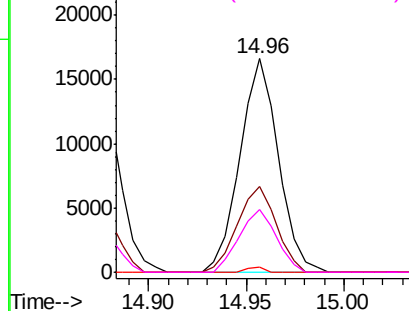
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.008 ng
 RT: 14.96 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	232	Resp:	22648
Ion	Ratio	Lower	Upper
232	100		
131	40.5	32.4	48.6
130	1.1	0.9	1.3
166	28.3	22.6	34.0

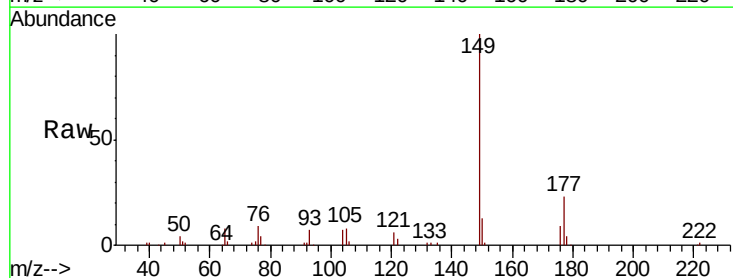


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

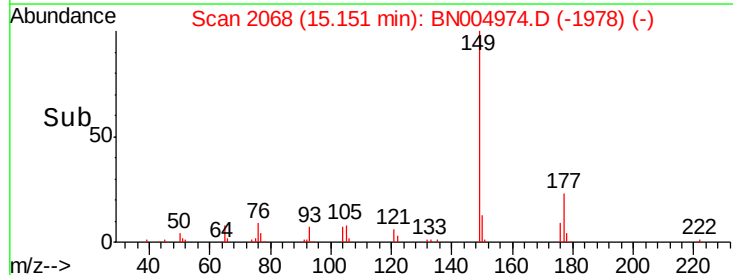
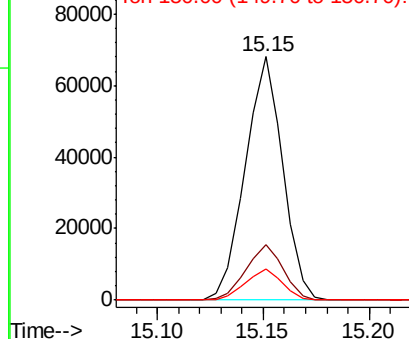


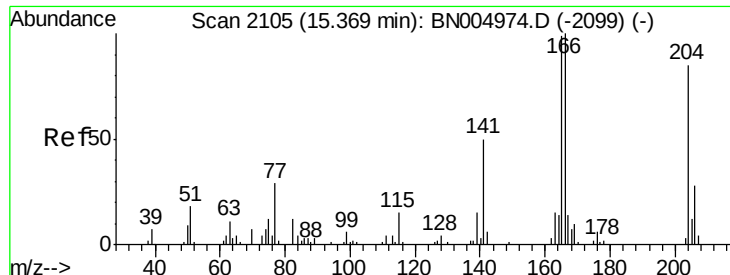
#60
 Diethylphthalate
 Concen: 40.168 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion:	149	Resp:	83535
Ion	Ratio	Lower	Upper
149	100		
177	22.6	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

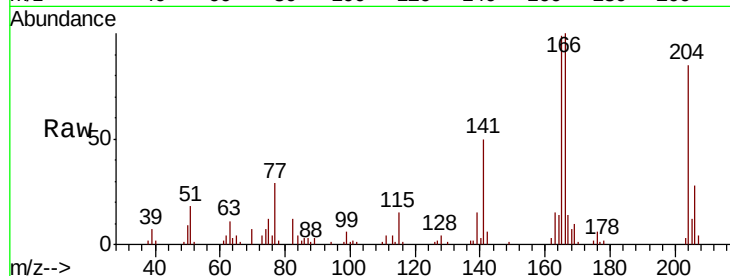




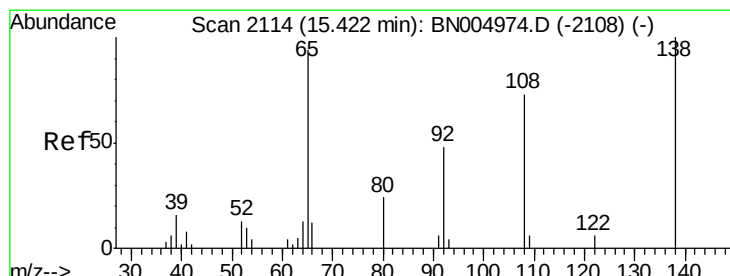
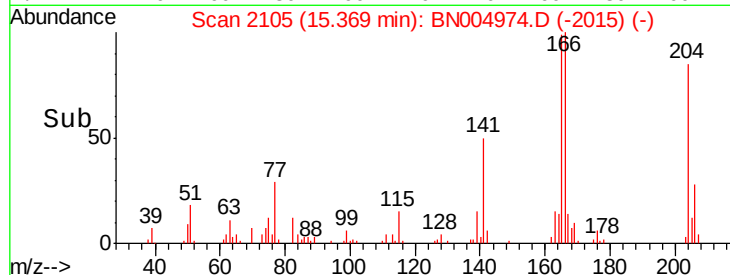
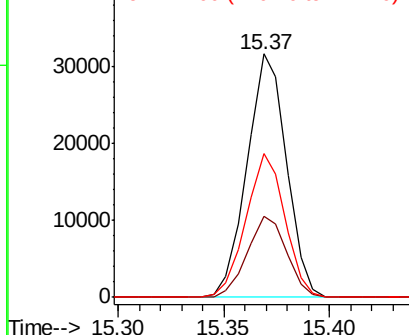
#61
4-Chlorophenyl-phenylether
Concen: 38.355 ng
RT: 15.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Instrument :
BNA_N
ClientSampled :

Tot Ion:204 Resp: 41115
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 59.0 47.2 70.8

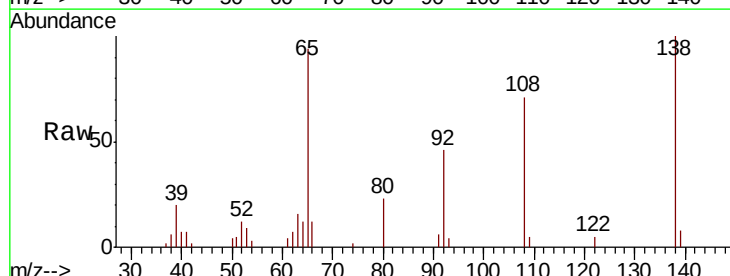


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

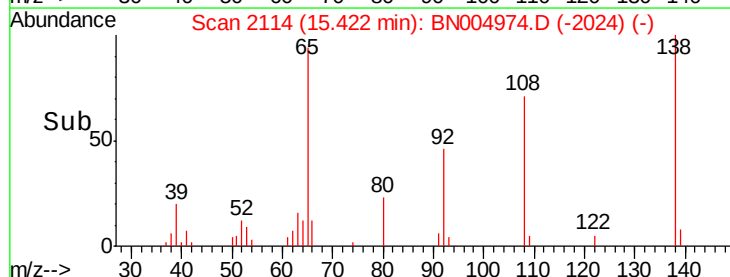
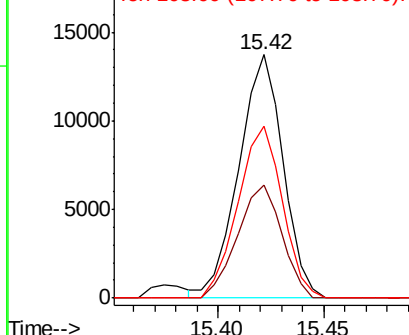


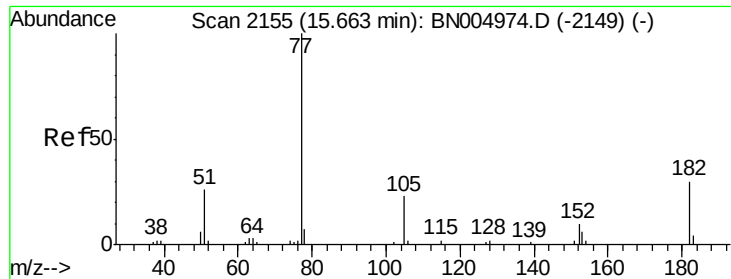
#62
4-Nitroaniline
Concen: 40.619 ng
RT: 15.42 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion:138 Resp: 19993
Ion Ratio Lower Upper
138 100
92 46.4 26.4 66.4
108 70.8 50.8 90.8



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





#63

Azobenzene

Concen: 40.697 ng

RT: 15.66 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 77 Resp: 69084

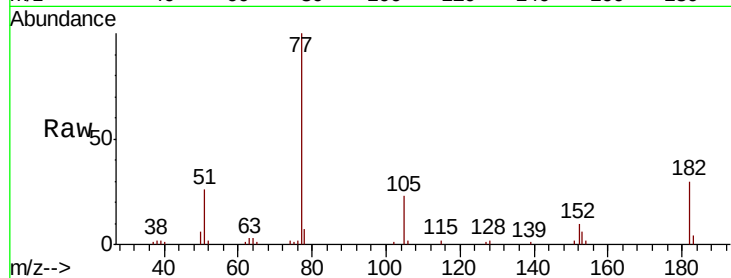
Ion Ratio Lower Upper

77 100

182 30.0 10.0 50.0

105 22.9 2.9 42.9

51 26.0 6.0 46.0

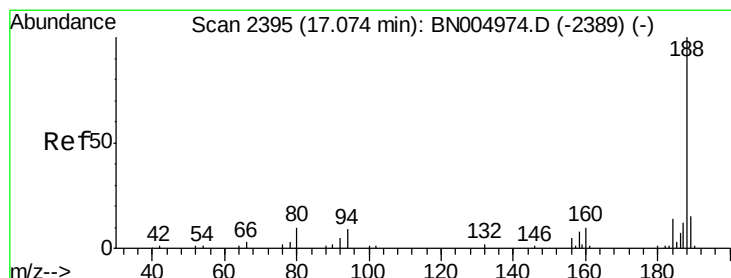
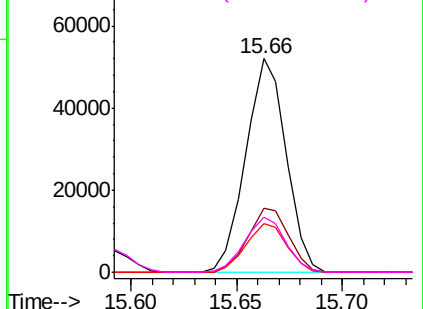
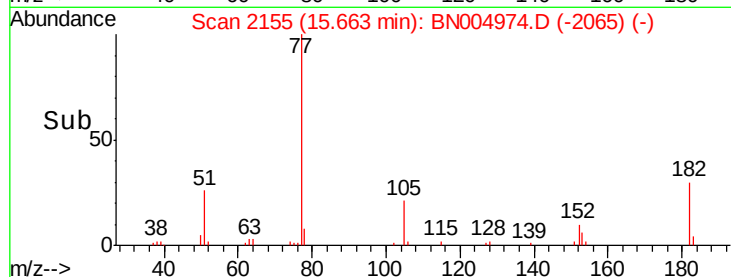


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

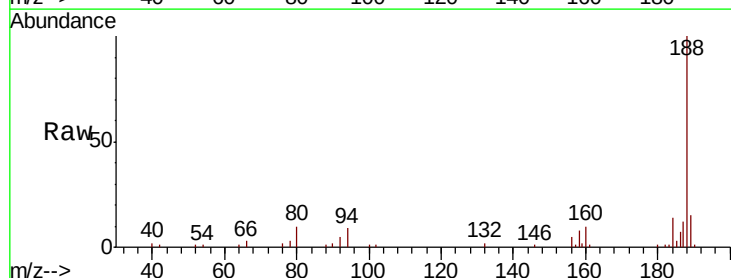
Tgt Ion: 188 Resp: 55809

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

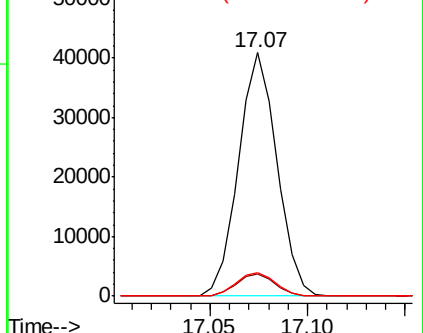
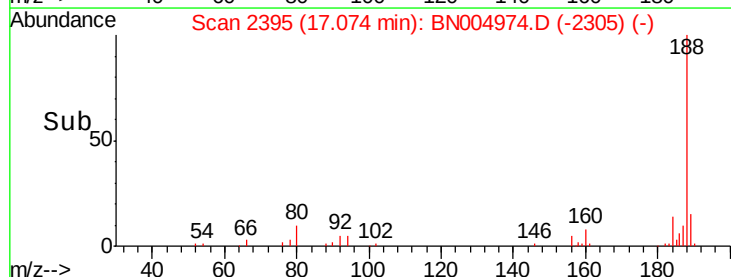
80 9.7 7.8 11.6

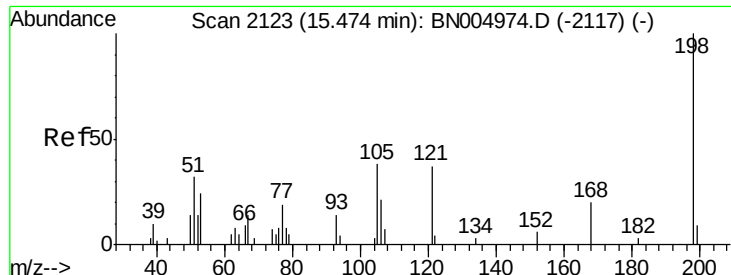


Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

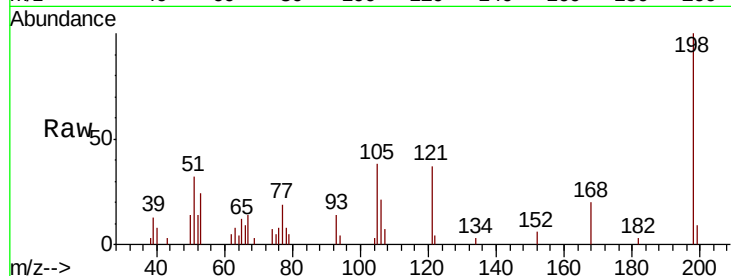




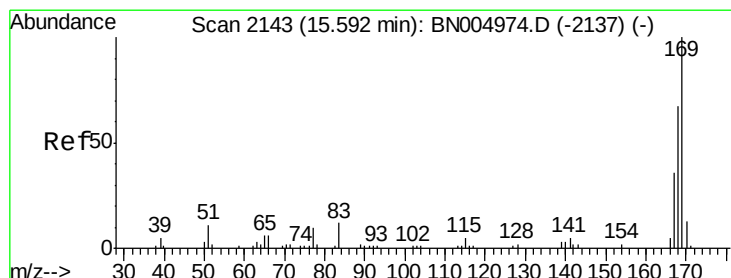
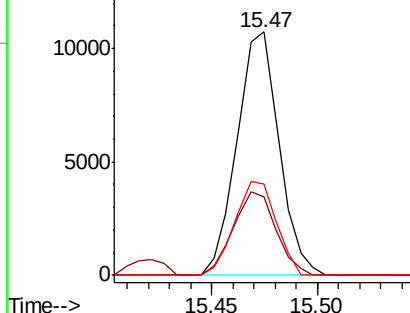
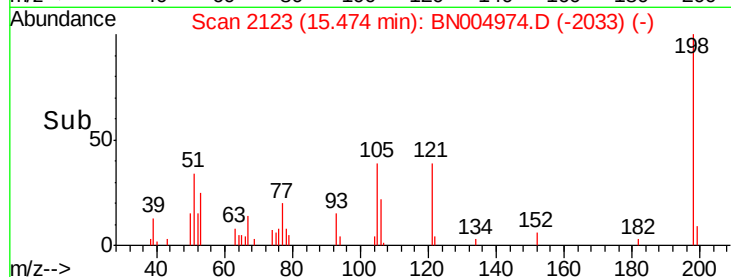
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.680 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	198	Resp	14846
Ion Ratio	100	Lower	Upper
51	32.0	12.0	52.0
105	37.6	17.6	57.6

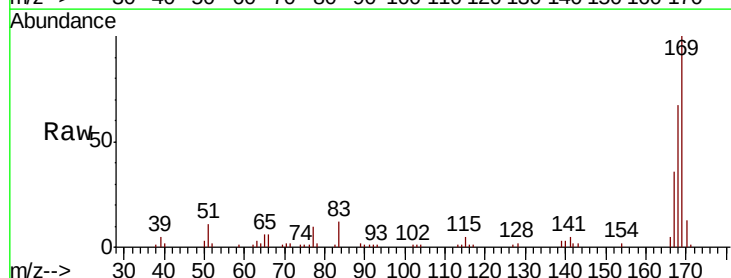


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BNO
 Ion 105.00 (104.70 to 105.70): E

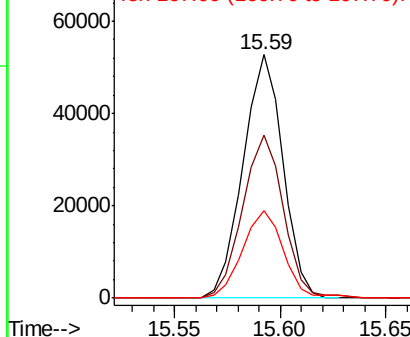
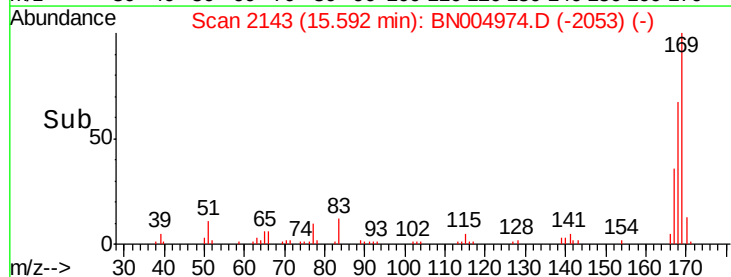


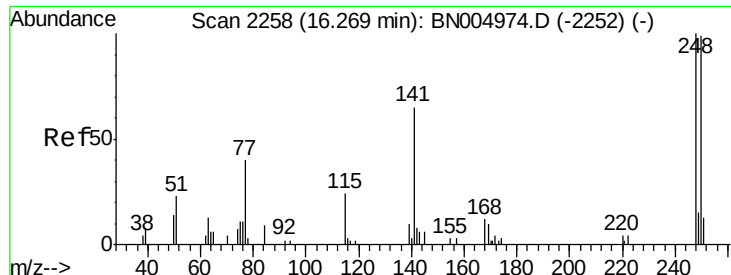
#66
 n-Nitrosodiphenylamine
 Concen: 39.149 ng
 RT: 15.59 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion	169	Resp	69204
Ion Ratio	100	Lower	Upper
168	66.8	53.4	80.2
167	36.1	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

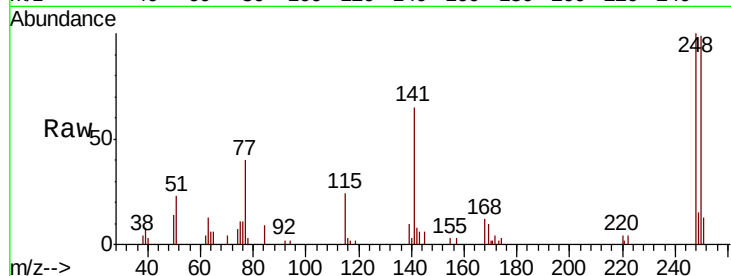




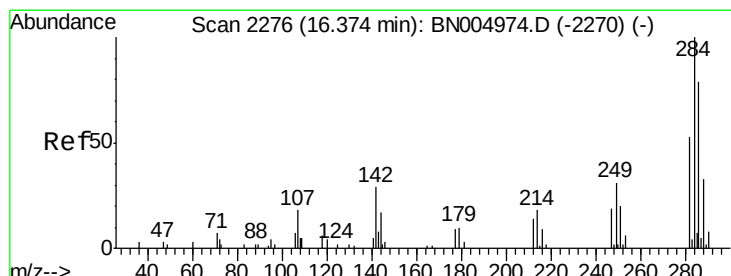
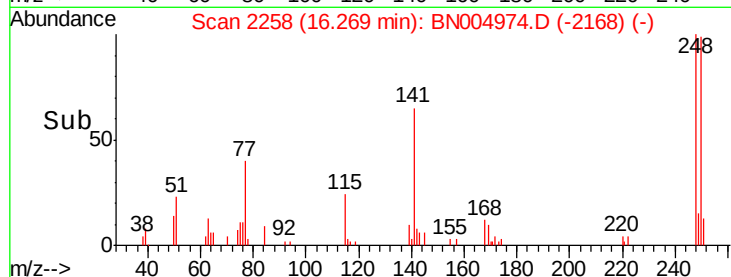
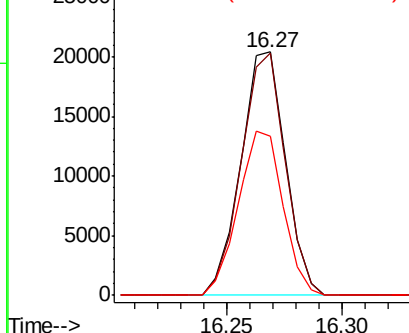
#67
 4-Bromophenyl-phenylether
 Concen: 39.158 ng
 RT: 16.27 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:248 Resp: 27565
 Ion Ratio Lower Upper
 248 100
 250 99.3 79.4 119.2
 141 65.4 52.3 78.5

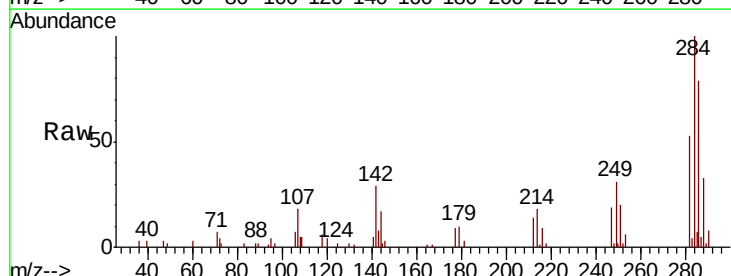


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

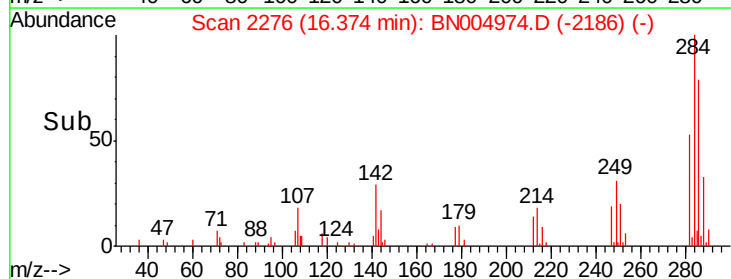
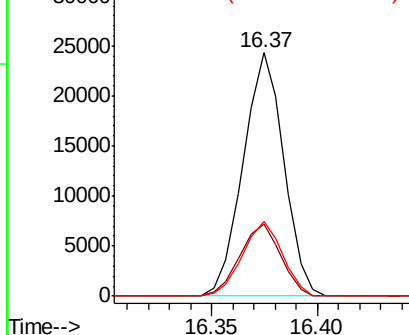


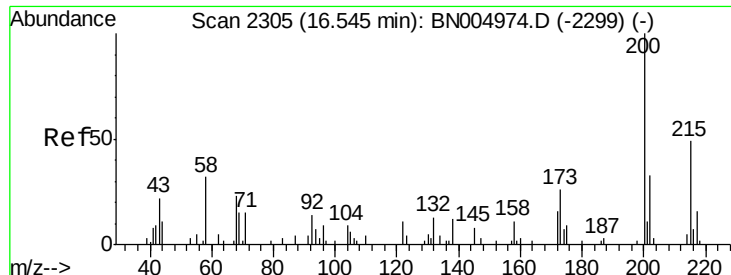
#68
 Hexachlorobenzene
 Concen: 39.631 ng
 RT: 16.37 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion:284 Resp: 32470
 Ion Ratio Lower Upper
 284 100
 142 29.4 23.5 35.3
 249 30.6 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: 38.568 ng

RT: 16.54 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampled :

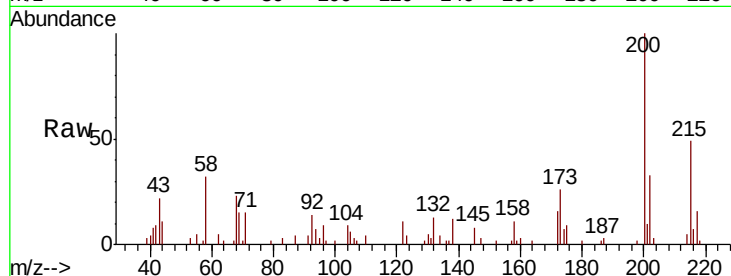
Tot Ion:200 Resp: 25502

Ion Ratio Lower Upper

200 100

173 26.4 6.4 46.4

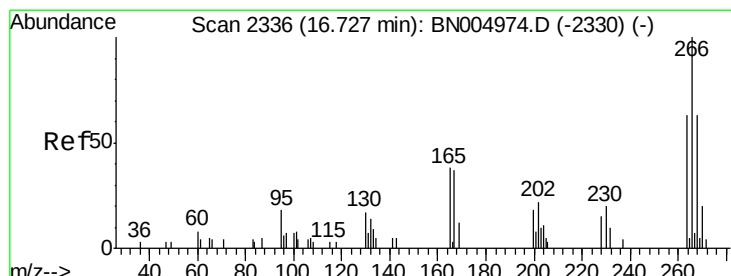
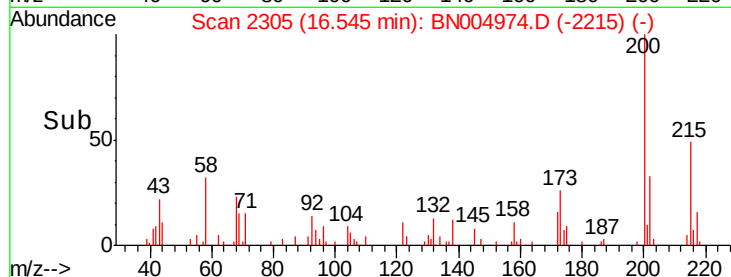
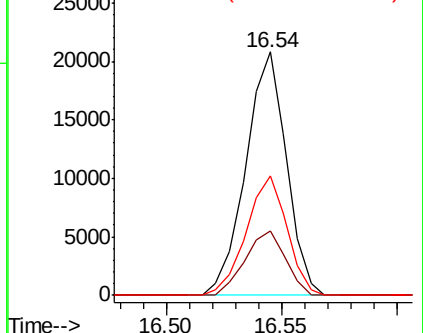
215 48.8 28.8 68.8



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: 30.645 ng

RT: 16.73 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

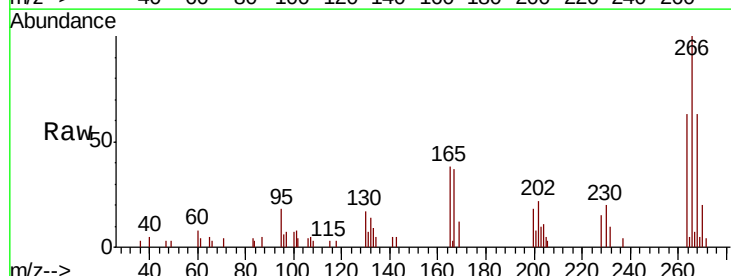
Tgt Ion:266 Resp: 16734

Ion Ratio Lower Upper

266 100

268 63.5 50.8 76.2

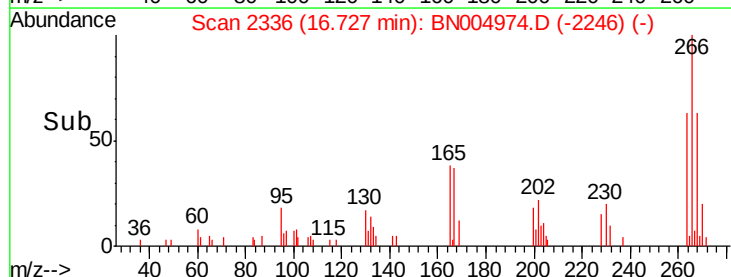
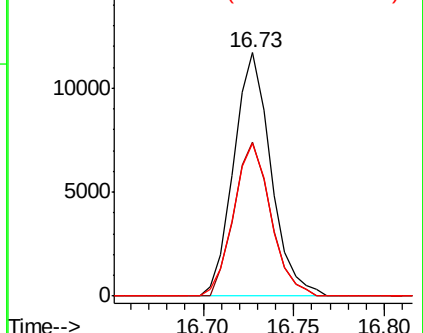
264 62.5 50.0 75.0

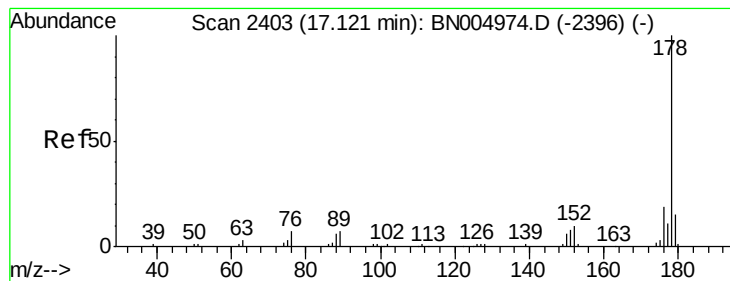


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.877 ng

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampled :

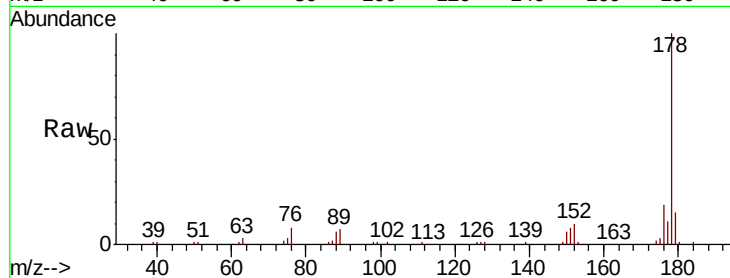
Tot Ion:178 Resp: 125010

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

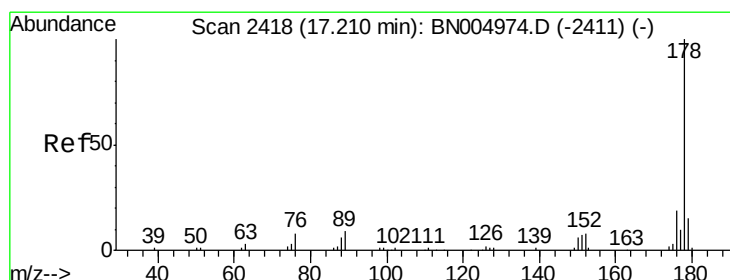
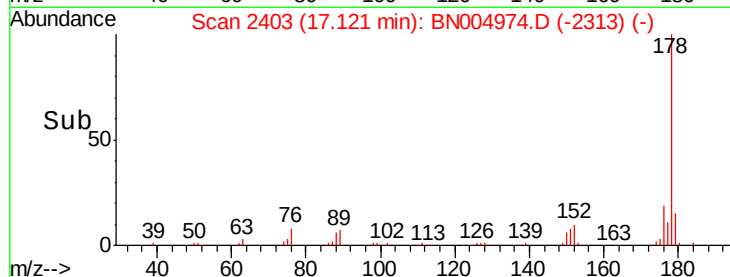
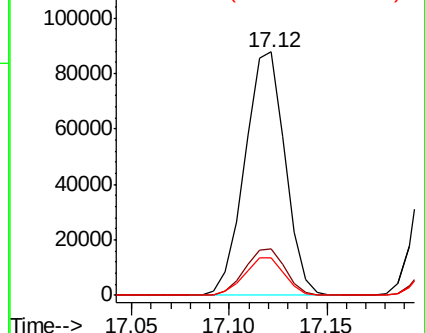
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.717 ng

RT: 17.21 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

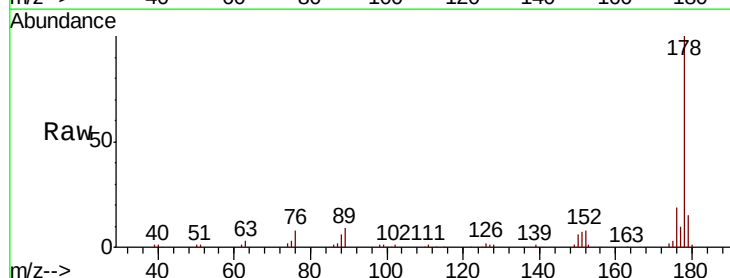
Tgt Ion:178 Resp: 124582

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

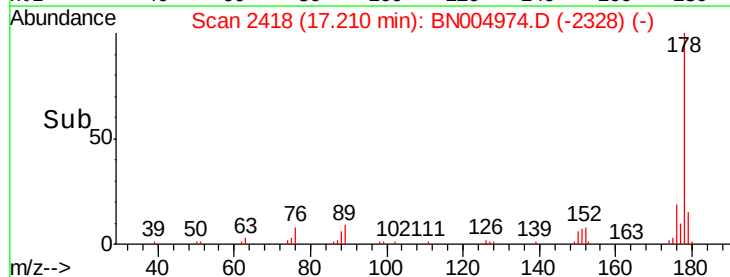
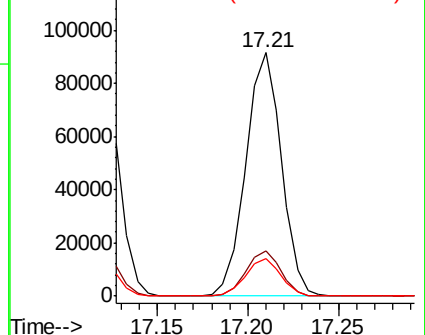
179 15.4 12.3 18.5

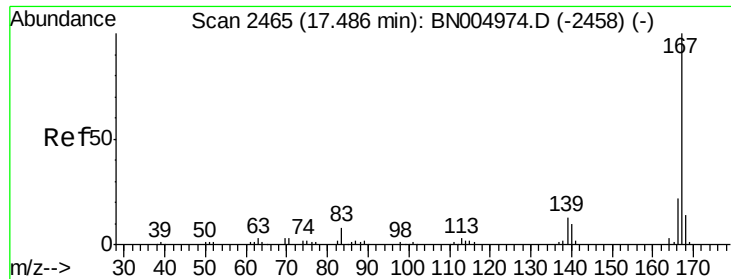


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

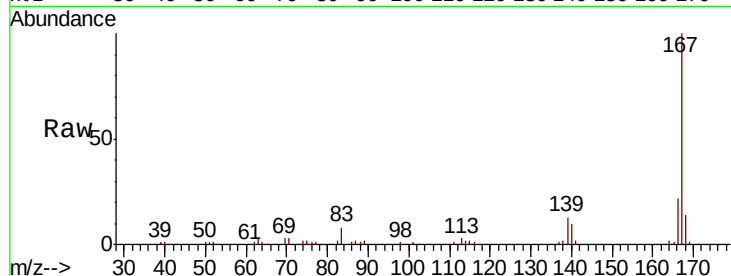




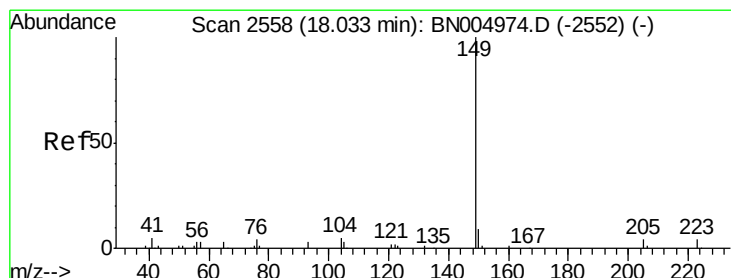
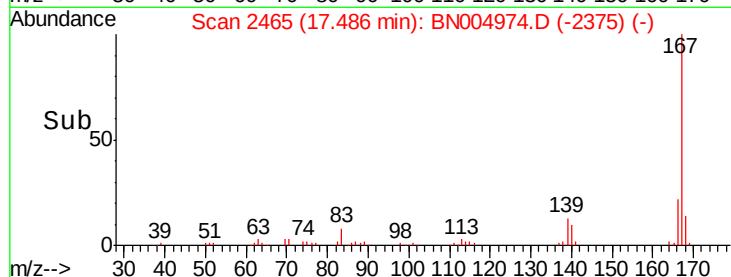
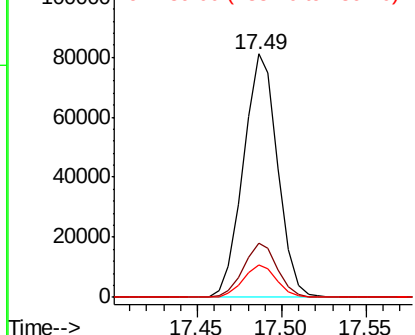
#73
 Carbazole
 Concen: 40.897 ng
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:167 Resp: 114382
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 13.3 10.6 16.0

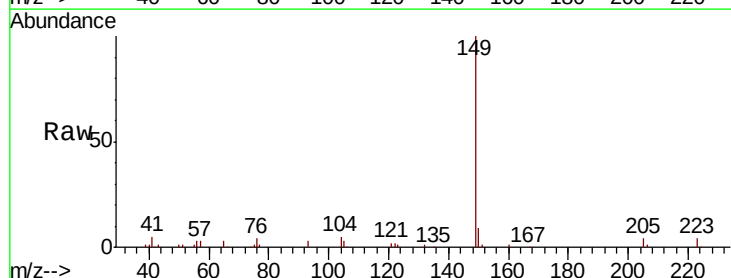


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

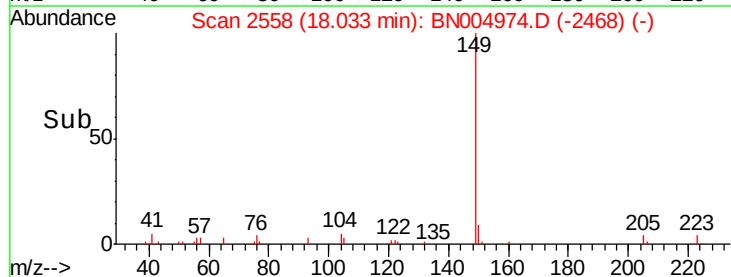
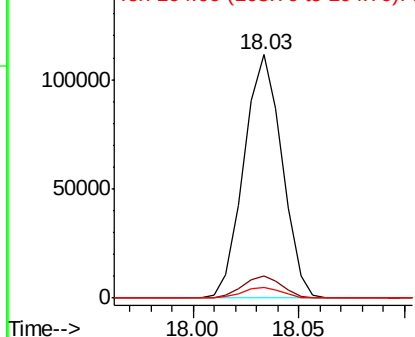


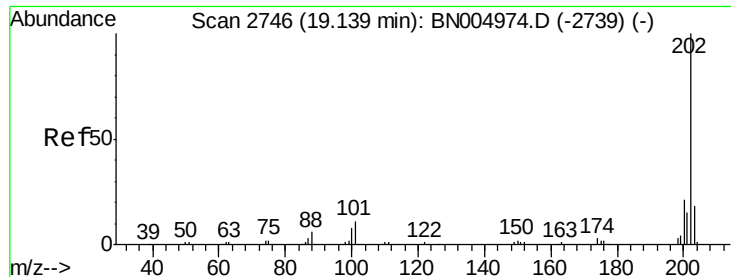
#74
 Di-n-butylphthalate
 Concen: 42.434 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion:149 Resp: 140037
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.6 3.7 5.5



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

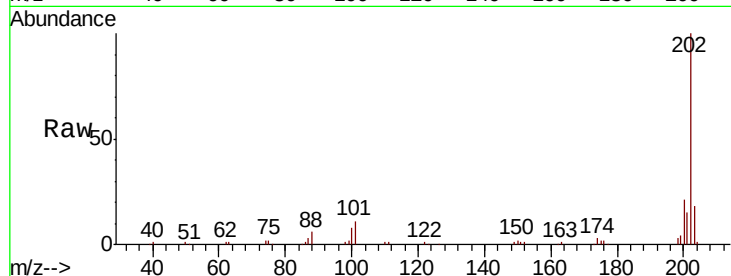




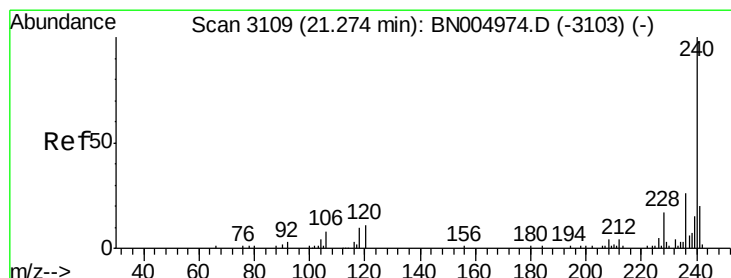
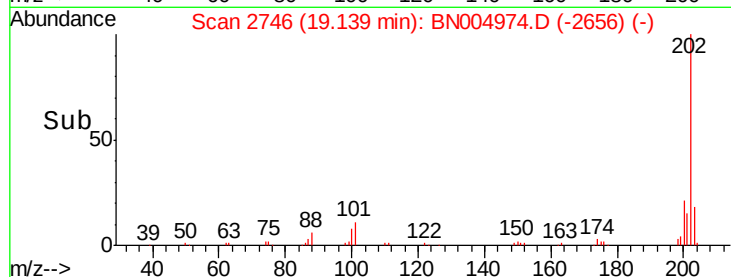
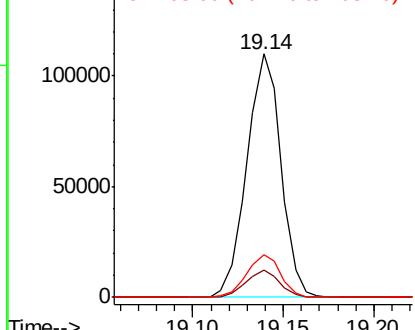
#75
 Fluoranthene
 Concen: 45.851 ng
 RT: 19.14 min Scan# 2746
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	17.5	0.0	37.5

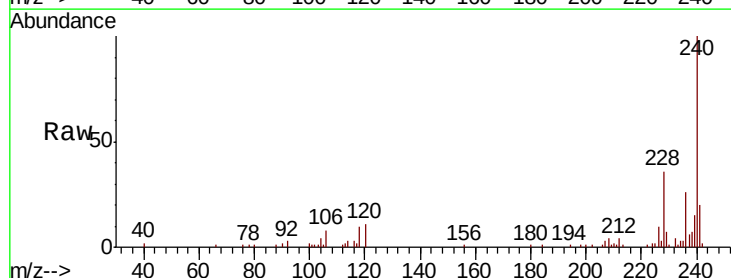


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

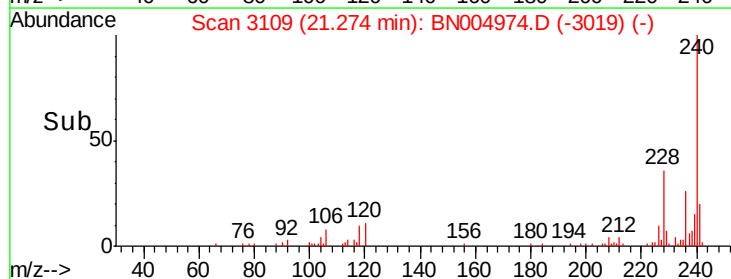
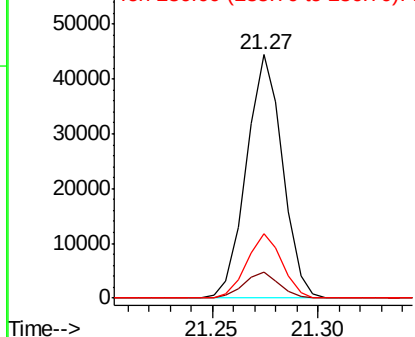


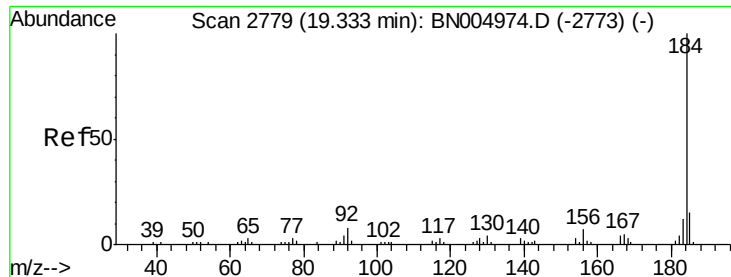
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.27 min Scan# 3109
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.5	12.7
236	26.5	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

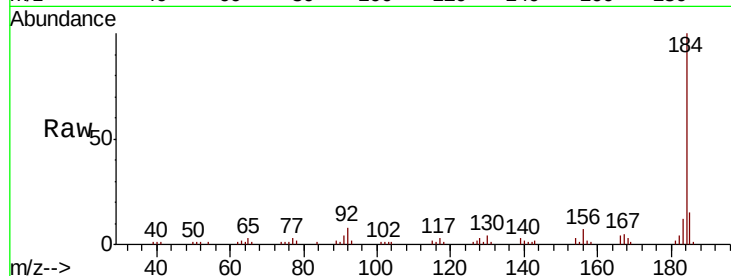




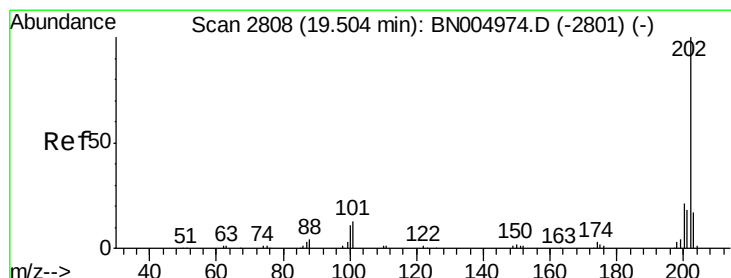
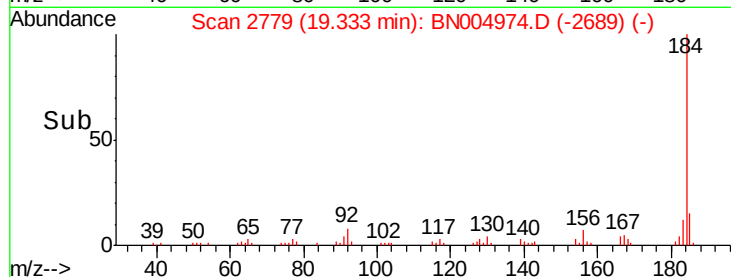
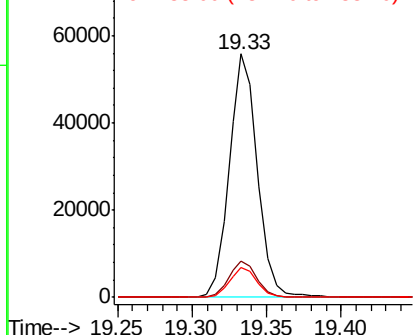
#77
Benzidine
Concen: 40.181 ng
RT: 19.33 min Scan# 2779
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:184 Resp: 73279
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 12.4 9.9 14.9

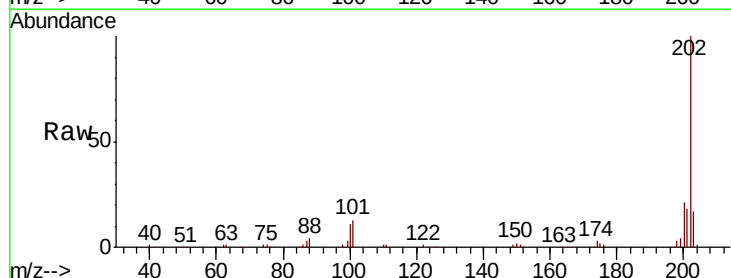


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

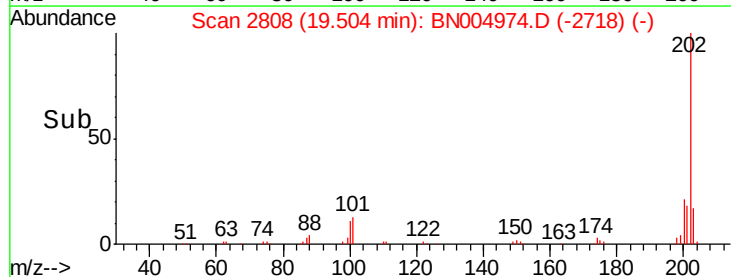
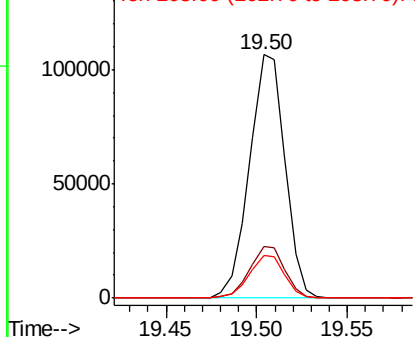


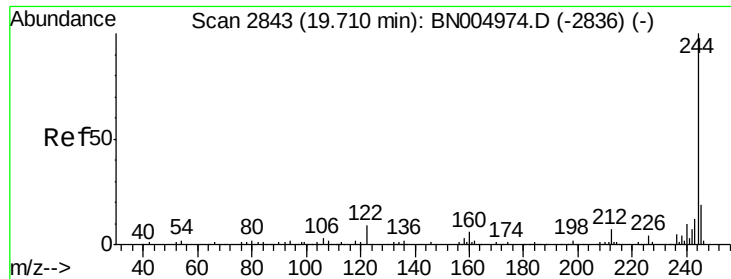
#78
Pyrene
Concen: 40.868 ng
RT: 19.50 min Scan# 2808
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion:202 Resp: 145475
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.5 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: 85.243 ng

RT: 19.71 min Scan# 2843

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampled :

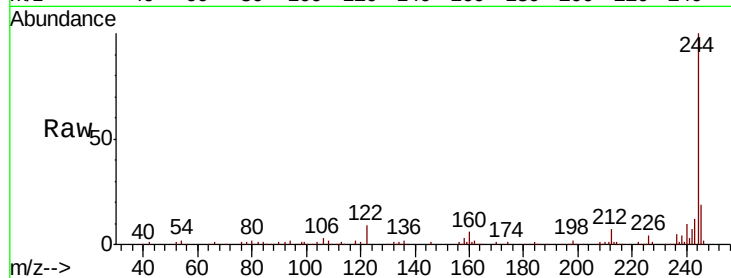
Tot Ion:244 Resp: 228330

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

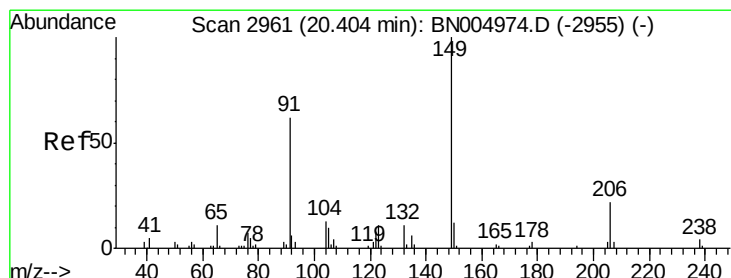
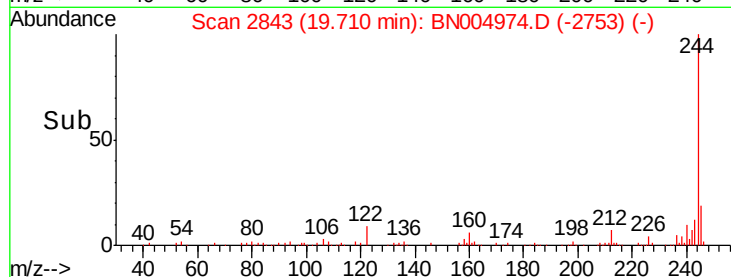
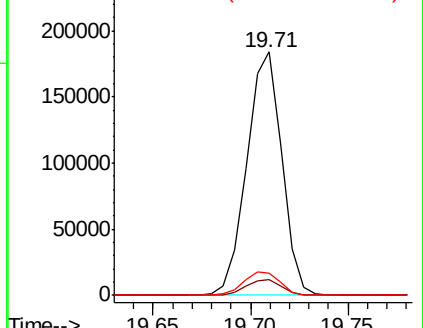
122 9.3 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.350 ng

RT: 20.40 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

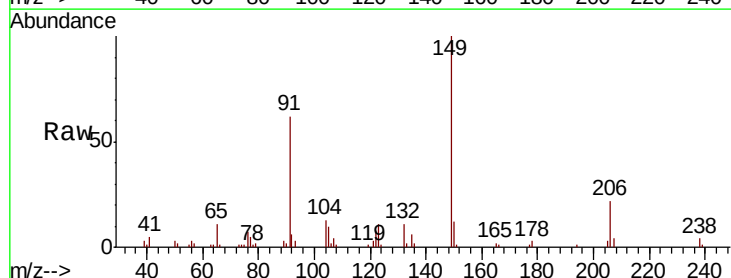
Tgt Ion:149 Resp: 58506

Ion Ratio Lower Upper

149 100

91 61.6 49.3 73.9

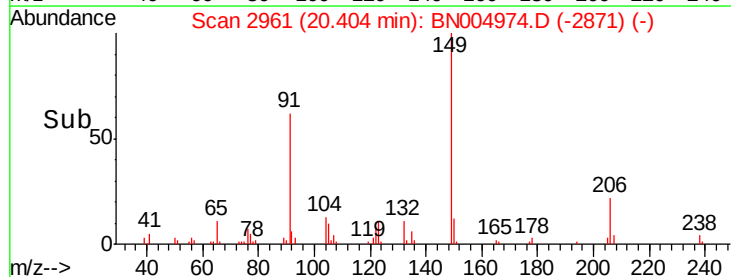
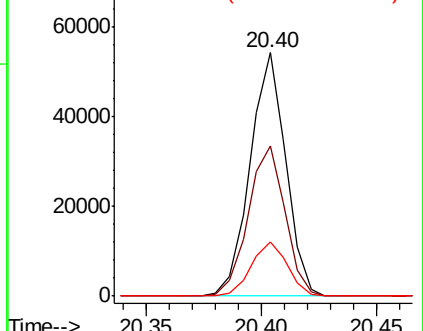
206 22.4 17.9 26.9

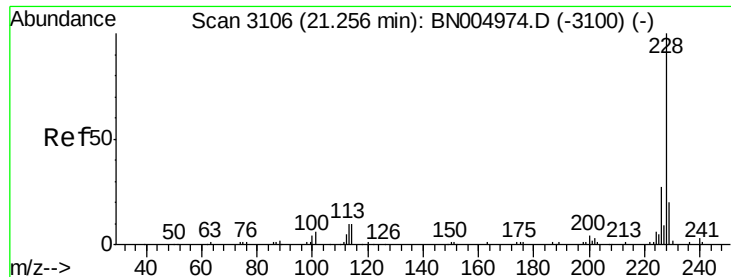


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.180 ng

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampleId :

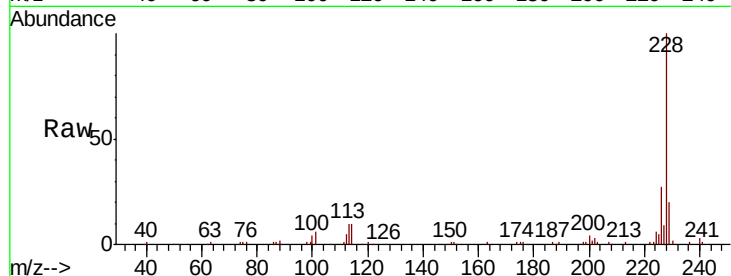
Tot Ion:228 Resp: 132529

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

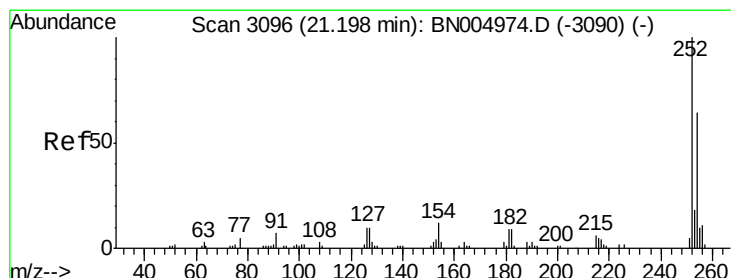
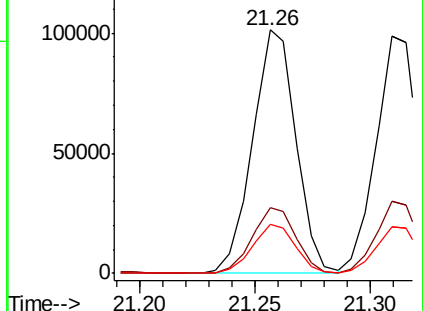
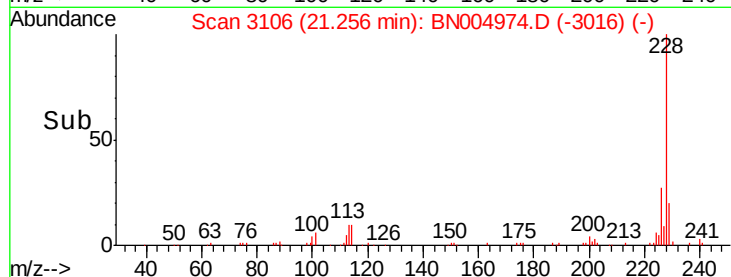
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.093 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

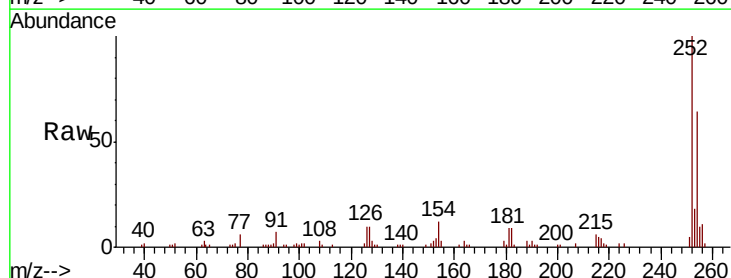
Tgt Ion:252 Resp: 50123

Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

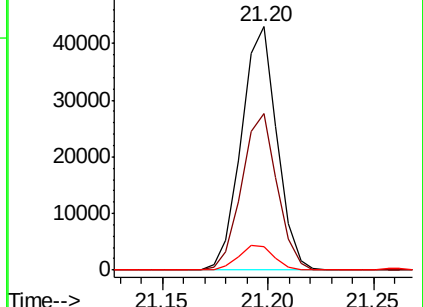
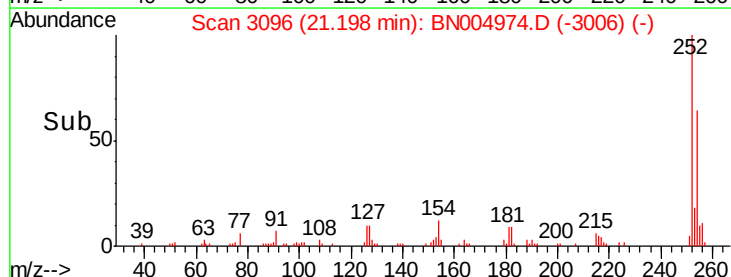
126 9.9 7.9 11.9

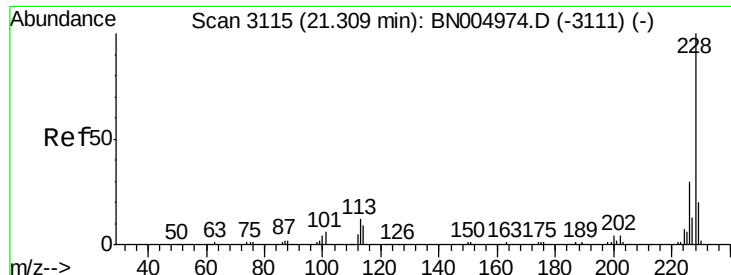


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

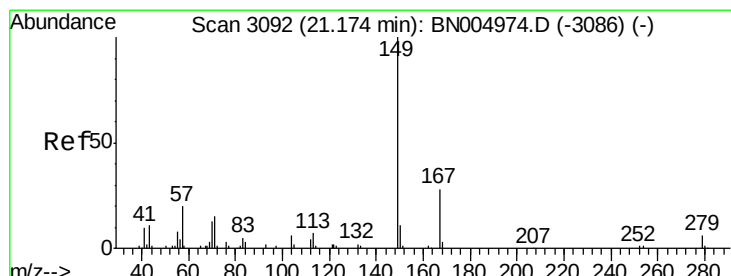
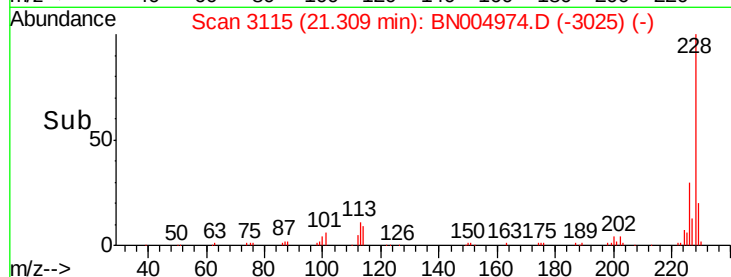
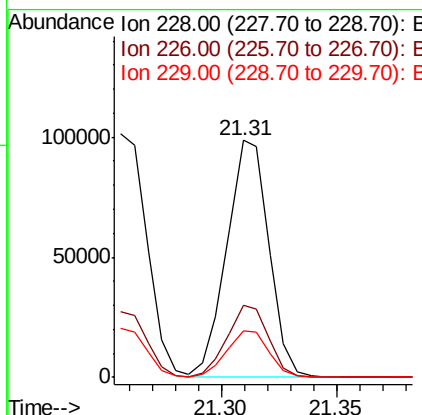
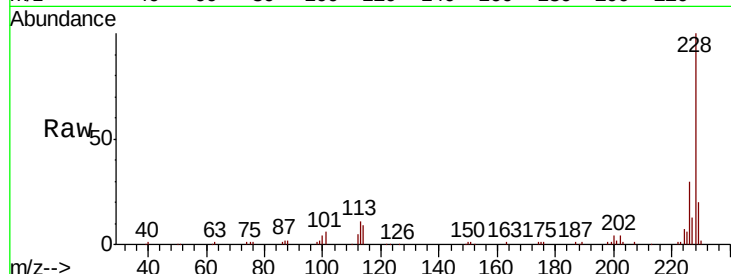




#83
 Chrysene
 Concen: 43.708 ng
 RT: 21.31 min Scan# 3115
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

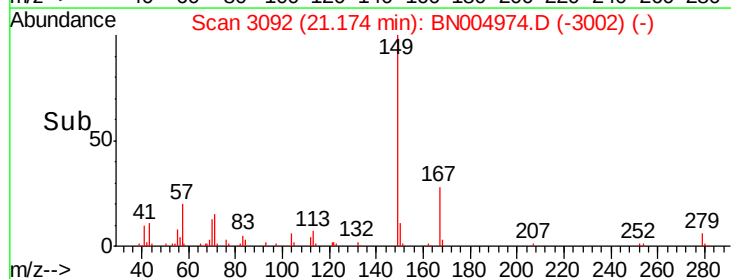
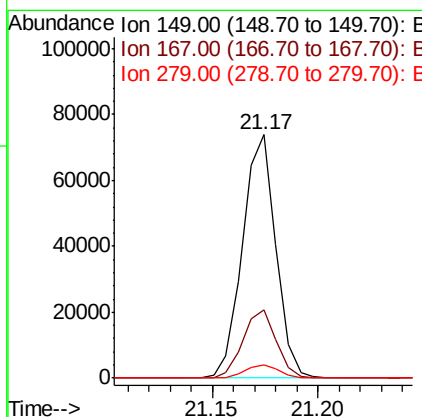
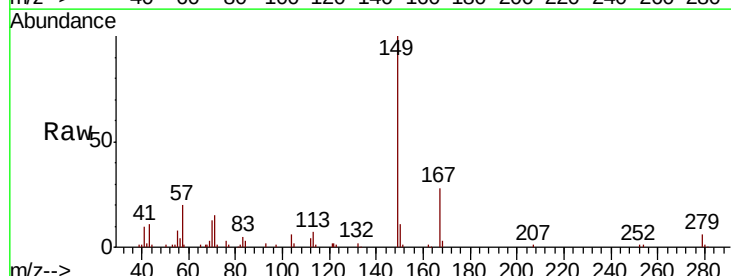
Instrument :
 BNA_N
 ClientSampleId :

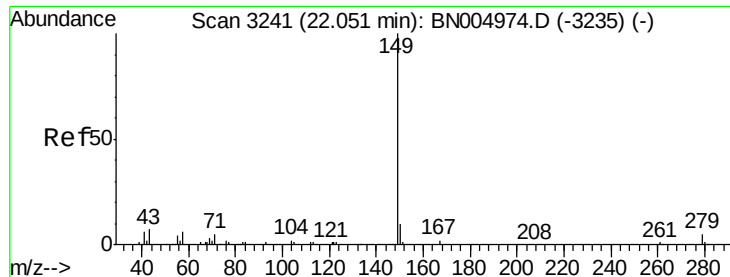
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.8	15.8	23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.491 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BN004974.D
 Acq: 26 Mar 2019 13:41

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

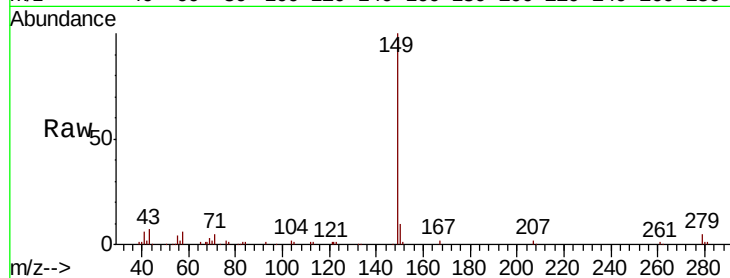




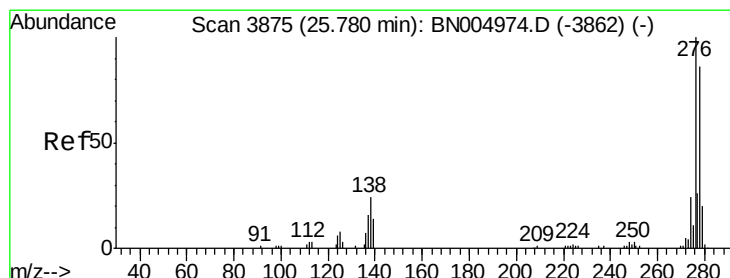
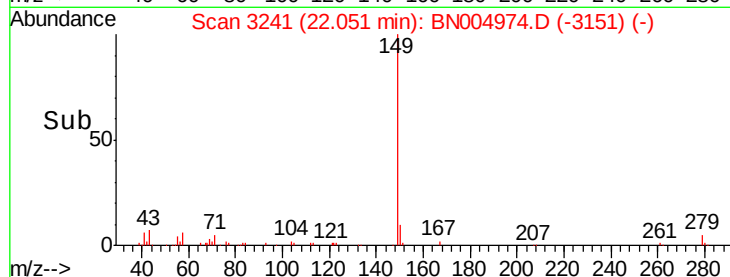
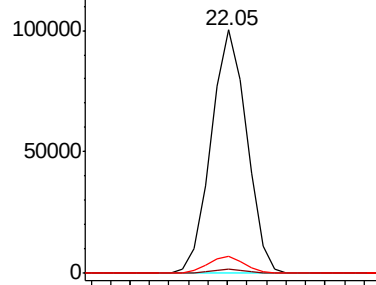
#85
Di-n-octyl phthalate
Concen: 38.655 ng
RT: 22.05 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.2	5.8	8.6

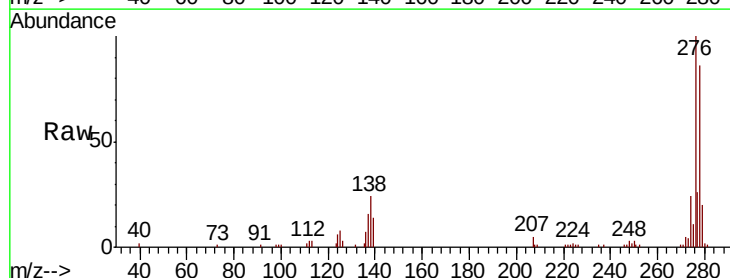


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC

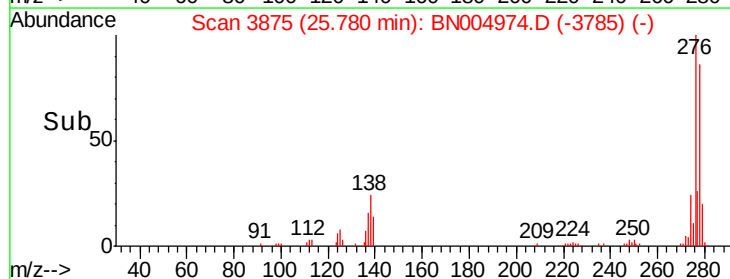
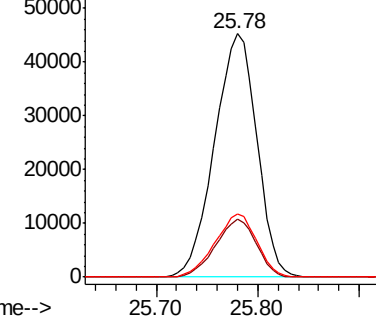


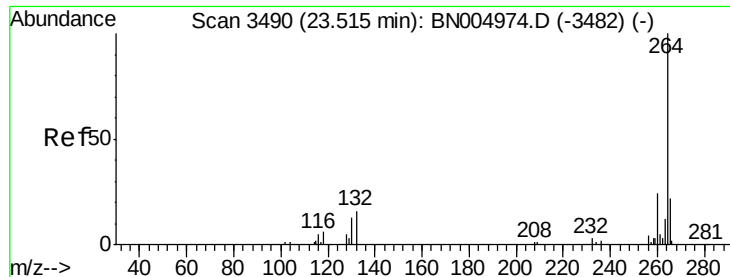
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.226 ng
RT: 25.78 min Scan# 3875
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

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



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3490

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampleId :

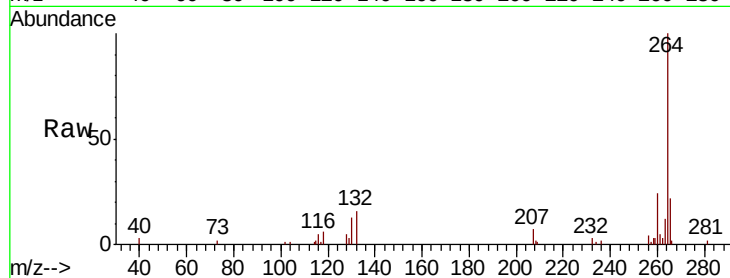
Tot Ion:264 Resp: 49073

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

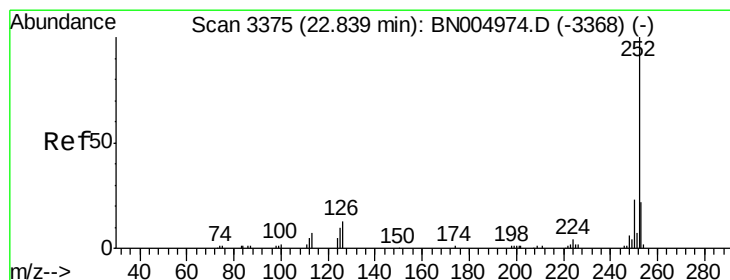
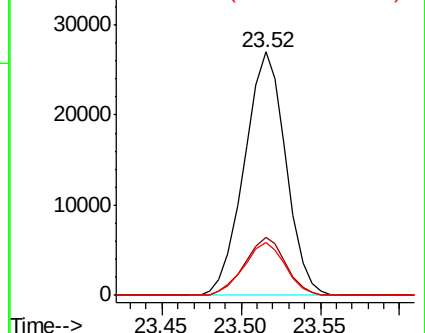
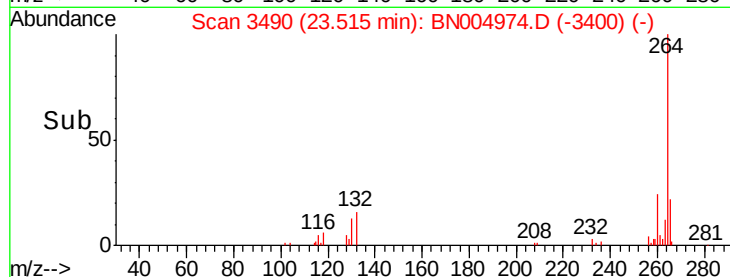
265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.943 ng

RT: 22.84 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

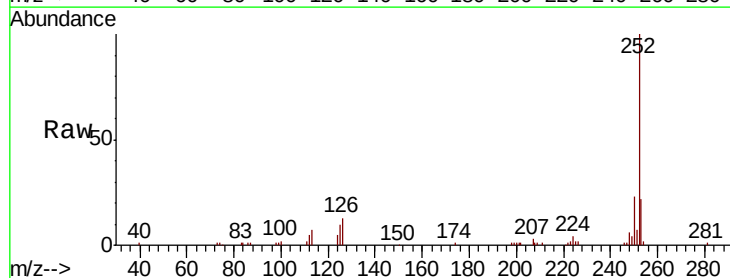
Tgt Ion:252 Resp: 120059

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

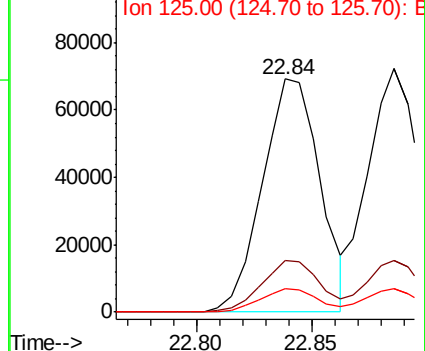
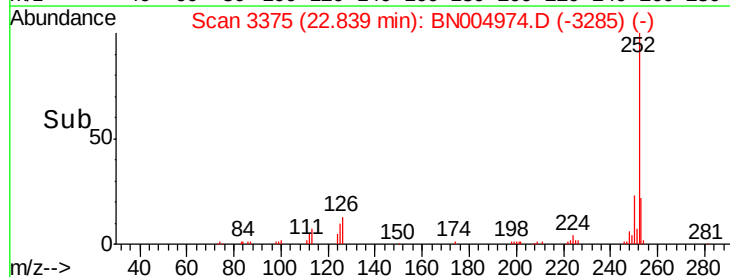
125 10.1 8.1 12.1

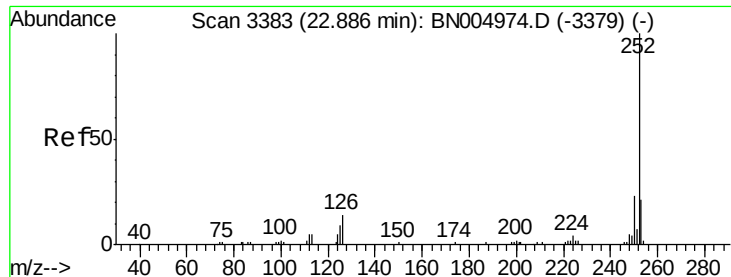


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.843 ng

RT: 22.89 min Scan# 3383

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

Instrument :

BNA_N

ClientSampleId :

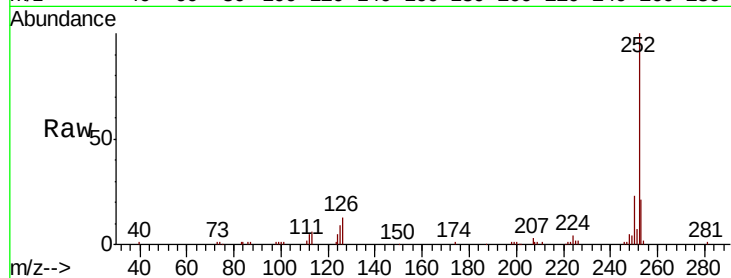
Tot Ion:252 Resp: 113761

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 9.5 7.6 11.4

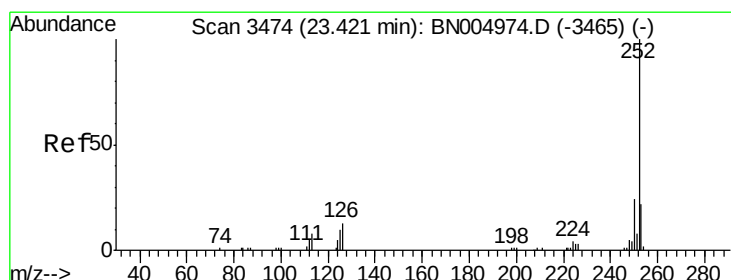
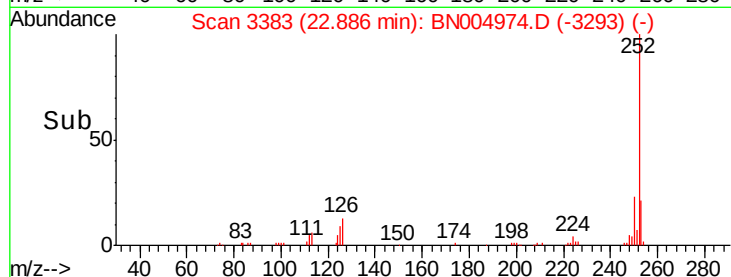
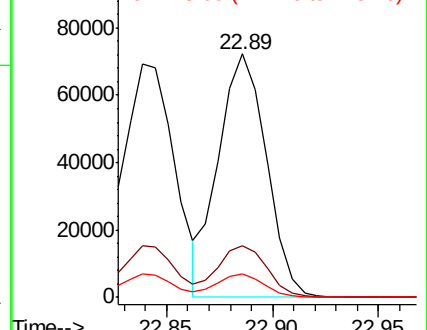


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.613 ng

RT: 23.42 min Scan# 3474

Delta R.T. 0.00 min

Lab File: BN004974.D

Acq: 26 Mar 2019 13:41

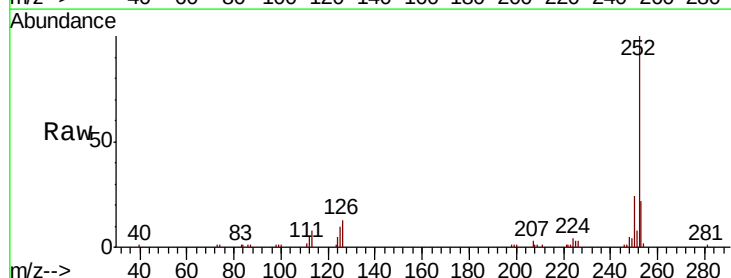
Tgt Ion:252 Resp: 110405

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.3 8.2 12.4

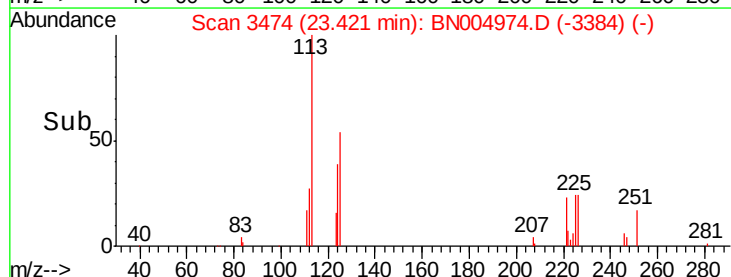
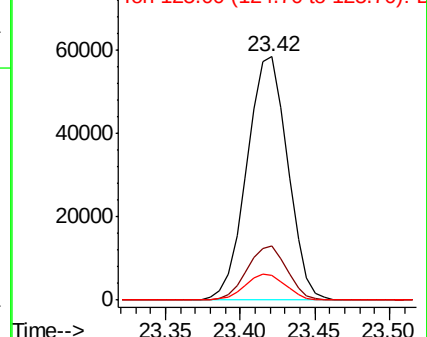


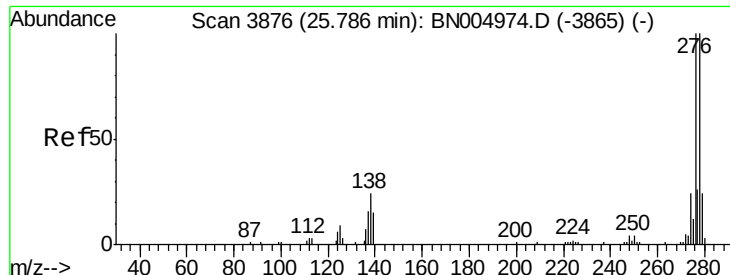
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

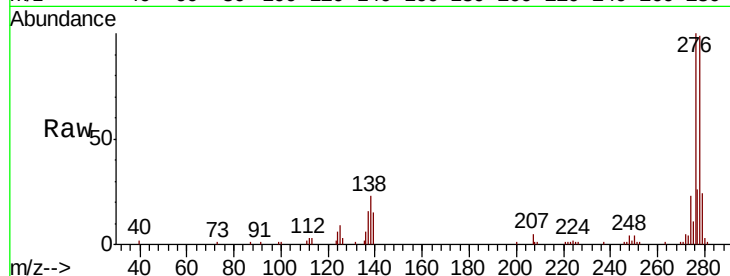




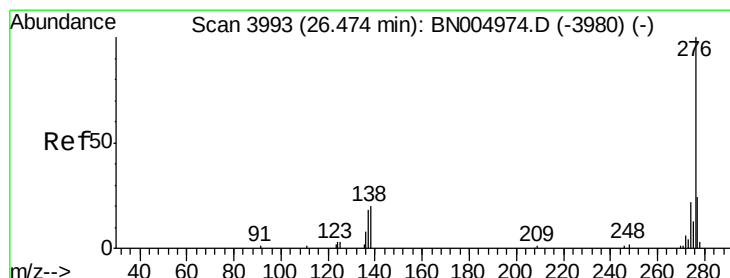
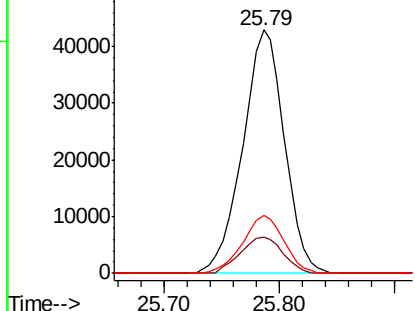
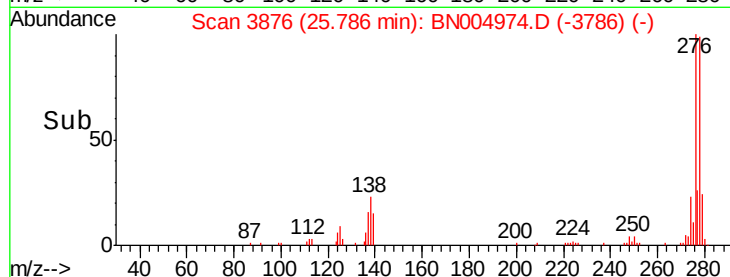
#91
Dibenzo(a,h)anthracene
Concen: 41.754 ng
RT: 25.79 min Scan# 3876
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 107636
Ion Ratio Lower Upper
278 100
139 14.8 11.8 17.8
279 24.1 19.3 28.9

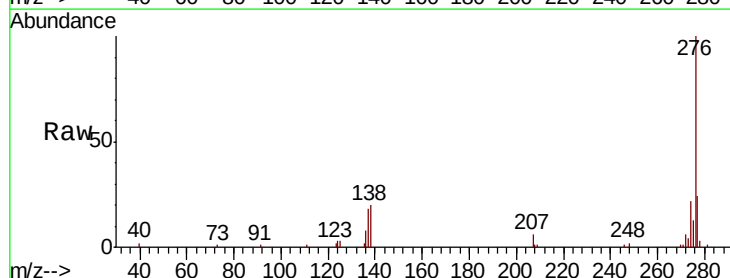


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.141 ng
RT: 26.47 min Scan# 3993
Delta R.T. 0.00 min
Lab File: BN004974.D
Acq: 26 Mar 2019 13:41

Tgt Ion:276 Resp: 105639
Ion Ratio Lower Upper
276 100
277 24.4 19.5 29.3
138 20.2 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

