

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000485.D
 Acq On : 20 Mar 2018 10:50
 Operator : JU/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 20 11:50:35 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 20 04:08:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	307776	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	1369875	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	732483	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	1441816	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1082757	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	882103	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	62814	7.29	ng/uL	0.00
5) Phenol-d5	7.55	99	586873	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	338480	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	432418	19.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	466817	20.87	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	213256	19.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	226260	19.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	404746	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	527700	24.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	1119562	19.35	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	1476448	19.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	209438	19.49	ng/ul	0.00
57) Fluorene-d10	16.02	176	938189	19.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	156116	18.91	ng/ul	0.00
70) Anthracene-d10	17.86	188	1332952	19.23	ng/ul	0.00
76) Pyrene-d10	20.11	212	1263906	21.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	825815	19.84	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.63	88	67536	7.279	ng/uL#	86
4) Benzaldehyde	7.54	77	254032	21.700	ng/ul	91
6) Phenol	7.58	94	600047	20.483	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.82	93	475058	20.436	ng/ul	94
10) 2-Chlorophenol	7.97	128	441187	19.903	ng/ul	97
11) 2-Methylphenol	8.85	108	447205	20.815	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.95	45	522538	20.857	ng/ul#	94
14) Acetophenone	9.25	105	713534	21.461	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.23	70	359496	20.674	ng/ul	93
16) 4-Methylphenol	9.19	108	484119	21.047	ng/ul	93
17) Hexachloroethane	9.52	117	180453	19.511	ng/ul#	72
20) Nitrobenzene	9.64	77	535403	19.495	ng/ul	94
21) Isophorone	10.16	82	1030078	19.675	ng/ul	98
23) 2-Nitrophenol	10.36	139	243971	19.682	ng/ul	92
24) 2,4-Dimethylphenol	10.40	107	521104	19.515	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.64	93	650426	19.670	ng/ul	98
27) 2,4-Dichlorophenol	10.90	162	396266	19.762	ng/ul#	95
28) Naphthalene	11.31	128	1398813	19.445	ng/ul	99
30) 4-Chloroaniline	11.41	127	532039	24.717	ng/ul	98
31) Hexachlorobutadiene	11.58	225	211905	19.071	ng/ul	96
32) Caprolactam	12.15	113	147475	20.119	ng/ul	85
33) 4-Chloro-3-methylphenol	12.50	107	473912	20.104	ng/ul	99
34) 2-Methylnaphthalene	12.89	142	959304	19.974	ng/ul	98

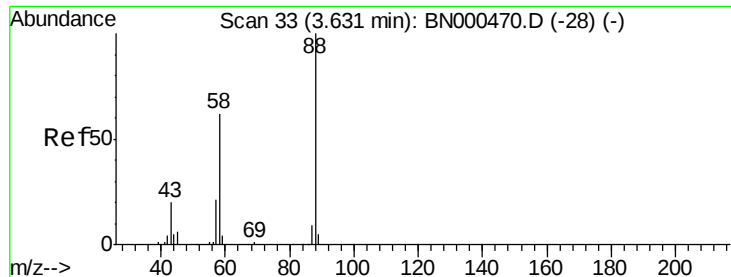
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 20 04:08:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.25	216	416479	18.926	ng/ul#	95
37) Hexachlorocyclopentadiene	13.22	237	191510	16.689	ng/ul	98
38) 2,4,6-Trichlorophenol	13.48	196	285535	19.129	ng/ul	98
39) 2,4,5-Trichlorophenol	13.55	196	299887	19.268	ng/ul	99
40) 1,1'-Biphenyl	13.87	154	1197289	19.201	ng/ul#	95
41) 2-Chloronaphthalene	13.92	162	922063	19.183	ng/ul	95
42) 2-Nitroaniline	14.12	65	286975	19.705	ng/ul	97
44) Dimethylphthalate	14.47	163	1109143	19.377	ng/ul#	98
45) 2,6-Dinitrotoluene	14.61	165	231885	20.103	ng/ul	94
47) Acenaphthylene	14.77	152	1445211	19.324	ng/ul	99
48) 3-Nitroaniline	14.94	138	241747	21.707	ng/ul#	95
49) Acenaphthene	15.10	153	988397	19.383	ng/ul	100
50) 2,4-Dinitrophenol	15.14	184	96225	17.682	ng/ul#	77
52) 4-Nitrophenol	15.22	109	166627	20.066	ng/ul	87
53) Dibenzofuran	15.43	168	1342162	19.379	ng/ul	100
54) 2,4-Dinitrotoluene	15.39	165	327357	20.018	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.65	232	232463	19.559	ng/ul#	94
56) Diethylphthalate	15.82	149	1134408	19.416	ng/ul	96
58) Fluorene	16.07	166	1062217	19.300	ng/ul	97
59) 4-Chlorophenyl-phenylether	16.05	204	494728	19.454	ng/ul#	86
60) 4-Nitroaniline	16.08	138	248503	19.862	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.15	198	164349	18.853	ng/ul#	88
64) N-Nitrosodiphenylamine	16.27	169	913992	19.242	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	283643	19.300	ng/ul#	85
66) Hexachlorobenzene	17.07	284	297953	19.201	ng/ul#	84
67) Atrazine	17.20	200	302761	21.134	ng/ul	95
68) Pentachlorophenol	17.41	266	152067	18.562	ng/ul	98
69) Phenanthrene	17.81	178	1594673	19.198	ng/ul	100
71) Anthracene	17.90	178	1633219	19.176	ng/ul	98
72) Carbazole	18.15	167	1456532	19.942	ng/ul#	98
73) Di-n-butylphthalate	18.68	149	1876581	18.894	ng/ul	100
74) Fluoranthene	19.78	202	1633604	19.792	ng/ul#	78
77) Pyrene	20.14	202	1632494	20.643	ng/ul#	74
78) Butylbenzylphthalate	20.99	149	795125	20.241	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.78	252	403150	19.058	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	1348569	18.693	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.75	149	1103649	19.352	ng/ul#	96
82) Chrysene	21.92	228	1253005	18.527	ng/ul	100
84) Di-n-octyl phthalate	22.69	149	1723181	23.209	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	1118270	20.063	ng/ul#	94
86) Benzo(k)fluoranthene	23.66	252	1035463	19.243	ng/ul#	95
88) Benzo(a)pyrene	24.26	252	1012367	19.299	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.93	276	1059105	18.724	ng/ul#	80
90) Dibenzo(a,h)anthracene	26.94	278	885083	18.783	ng/ul#	91
91) Benzo(g,h,i)perylene	27.72	276	877644	18.671	ng/ul#	87

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



#2

1,4-Dioxane

Concen: 7.279 ng/uL

RT: 3.63 min Scan# 33

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

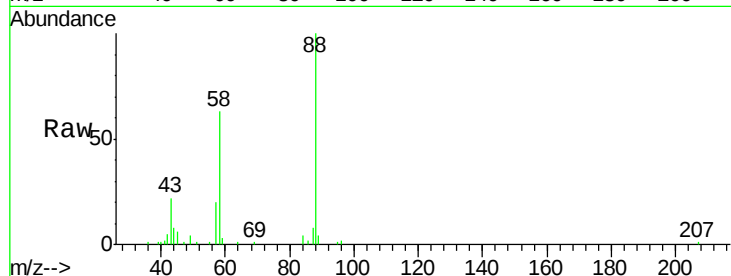
Tot Ion: 88 Resp: 67536

Ion Ratio Lower Upper

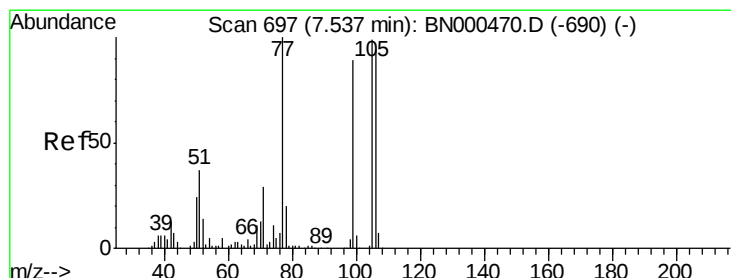
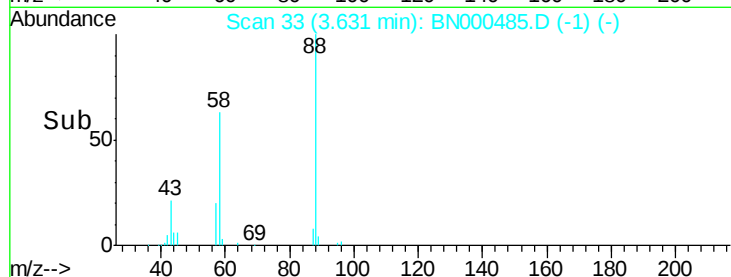
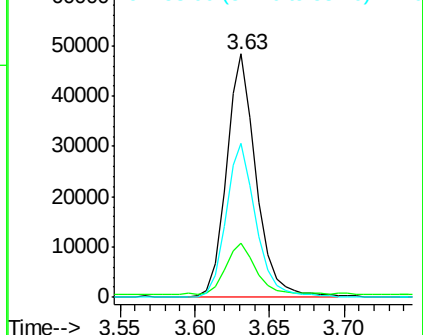
88 100

43 22.4 29.0 43.4#

58 63.1 45.9 68.9



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 21.700 ng/uL

RT: 7.54 min Scan# 697

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

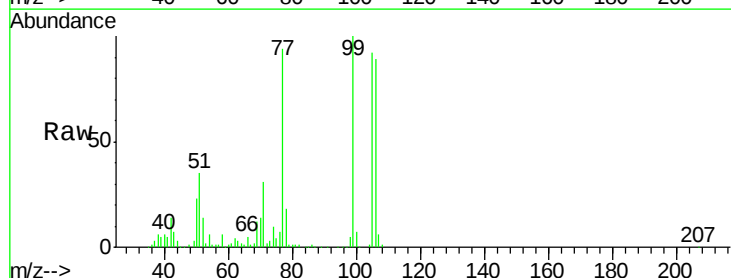
Tgt Ion: 77 Resp: 254032

Ion Ratio Lower Upper

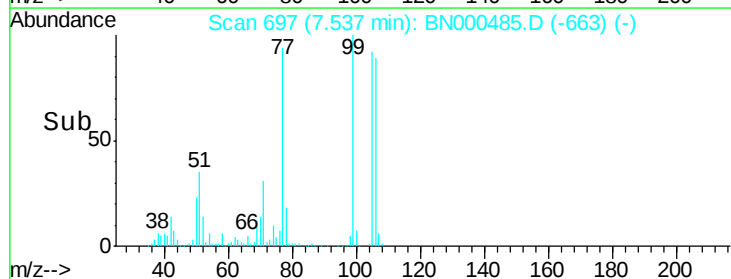
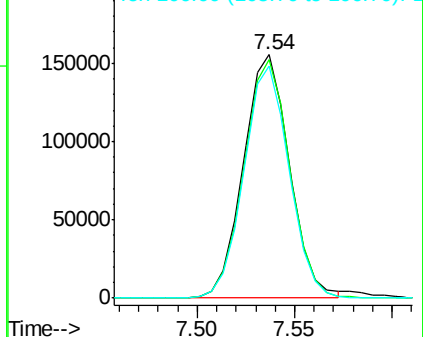
77 100

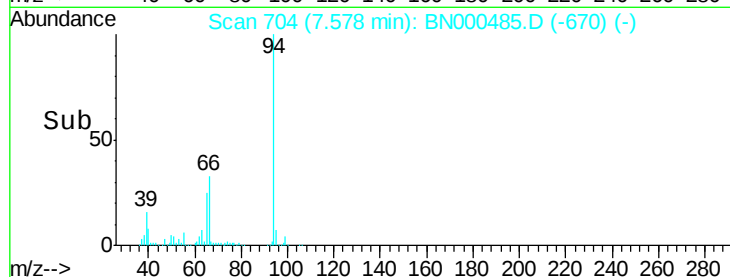
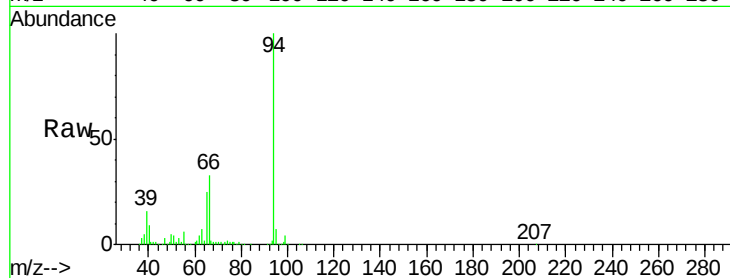
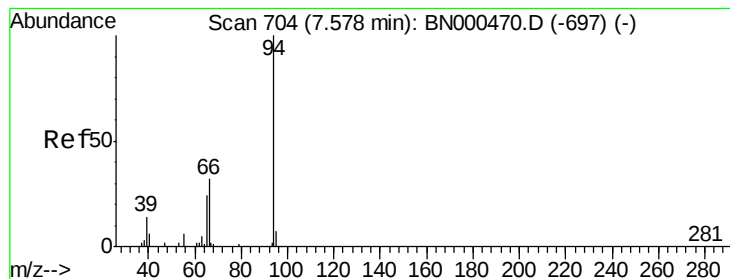
105 98.1 71.0 106.6

106 95.1 69.5 104.3



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#6

Phenol

Concen: 20.483 ng/ul

RT: 7.58 min Scan# 704

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

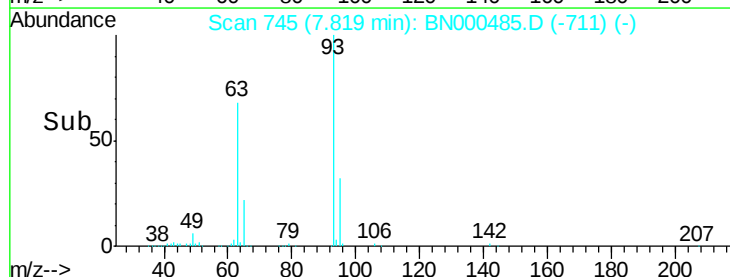
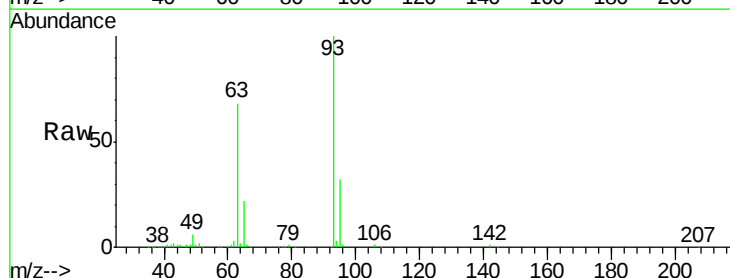
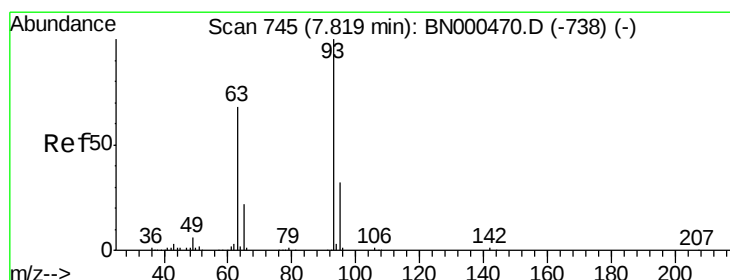
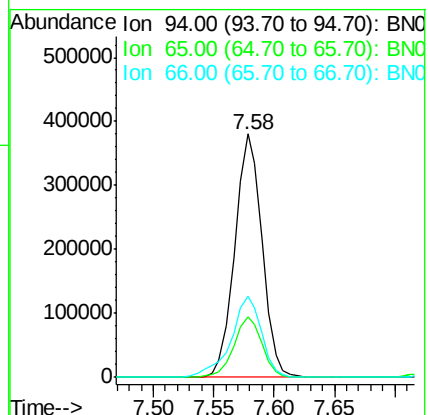
Tot Ion: 94 Resp: 600047

Ion Ratio Lower Upper

94 100

65 24.8 23.0 34.6

66 33.1 30.4 45.6



#8

Bis(2-Chloroethyl)ether

Concen: 20.436 ng/ul

RT: 7.82 min Scan# 745

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

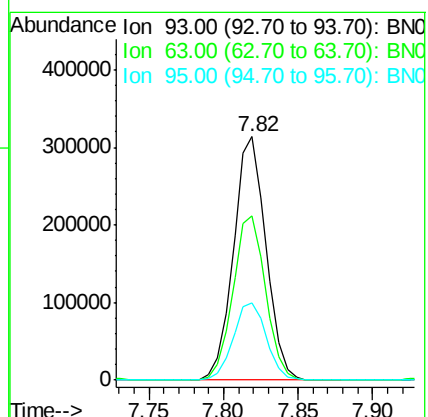
Tgt Ion: 93 Resp: 475058

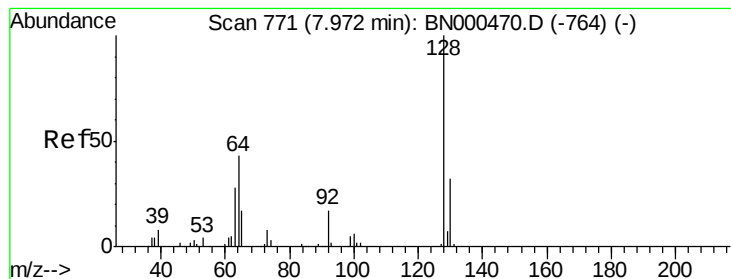
Ion Ratio Lower Upper

93 100

63 67.7 59.4 89.2

95 32.0 26.4 39.6





#10

2-Chlorophenol

Concen: 19.903 ng/ul

RT: 7.97 min Scan# 771

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

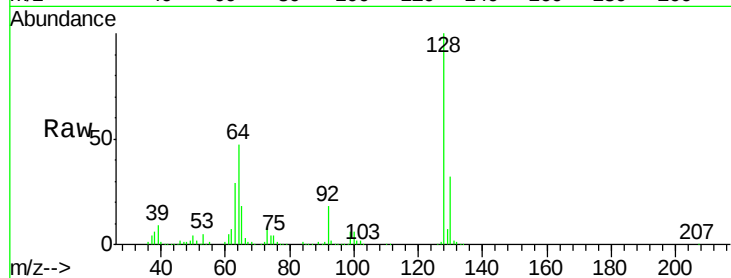
Tot Ion:128 Resp: 441187

Ion Ratio Lower Upper

128 100

64 46.9 39.8 59.6

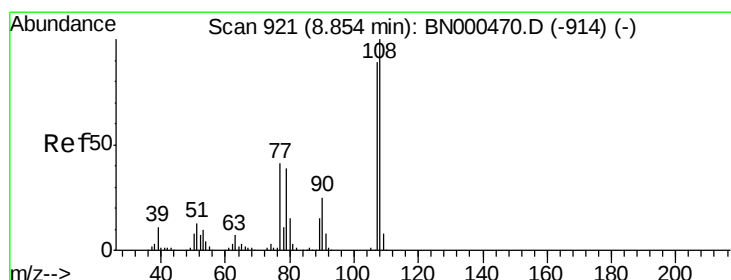
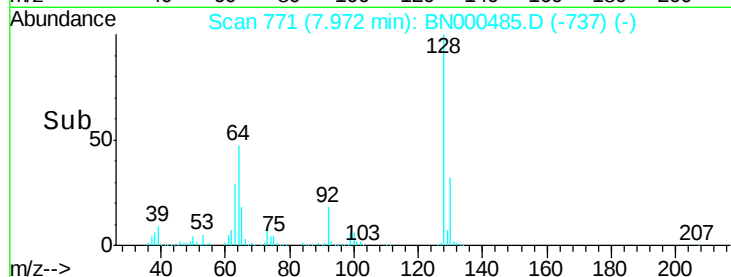
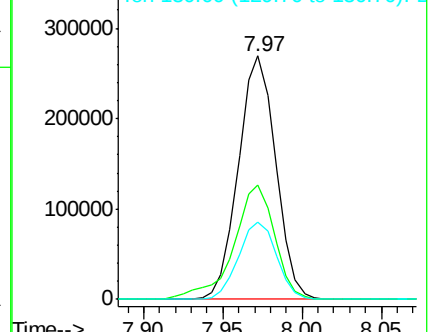
130 31.8 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): B

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.815 ng/ul

RT: 8.85 min Scan# 921

Delta R.T. 0.00 min

Lab File: BN000485.D

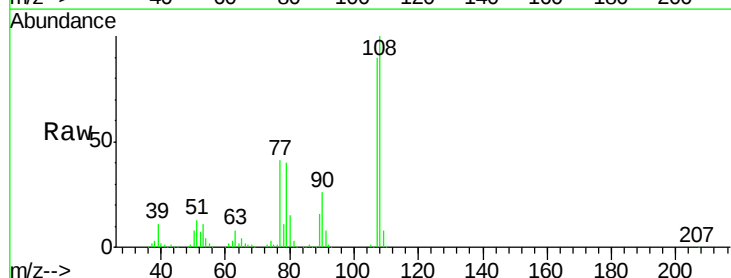
Acq: 20 Mar 2018 10:50

Tgt Ion:108 Resp: 447205

Ion Ratio Lower Upper

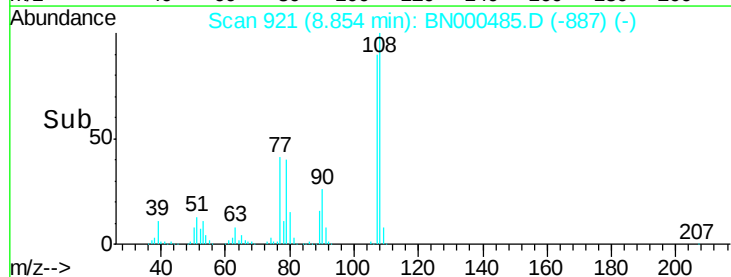
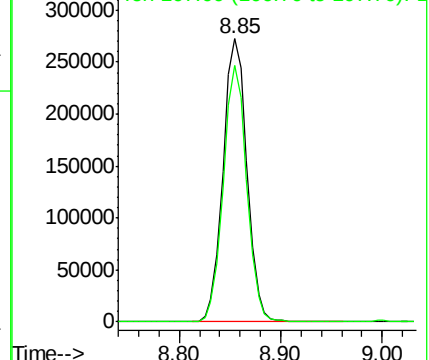
108 100

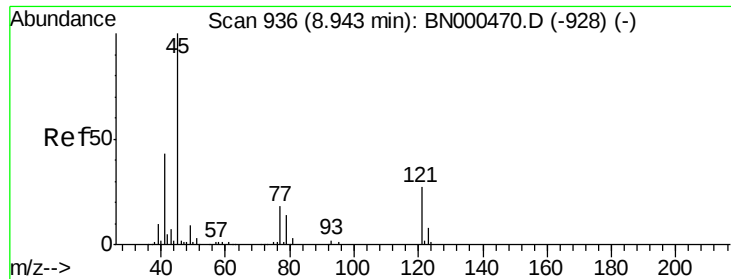
107 90.5 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

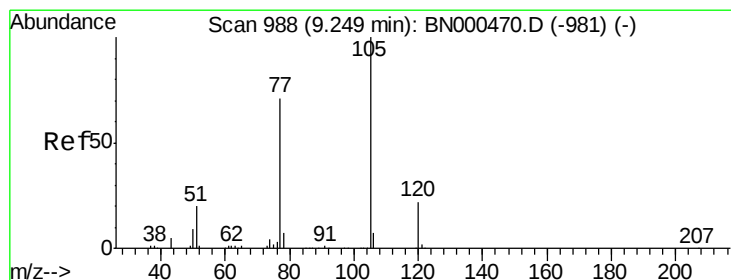
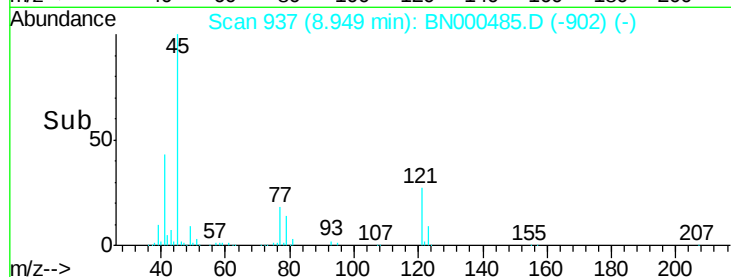
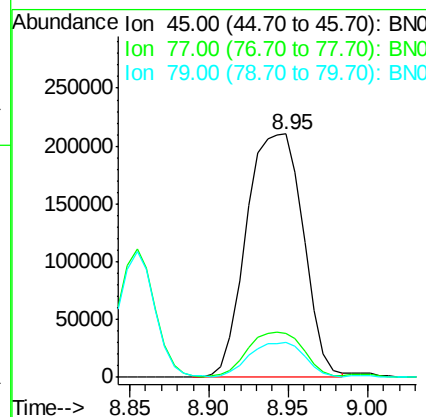
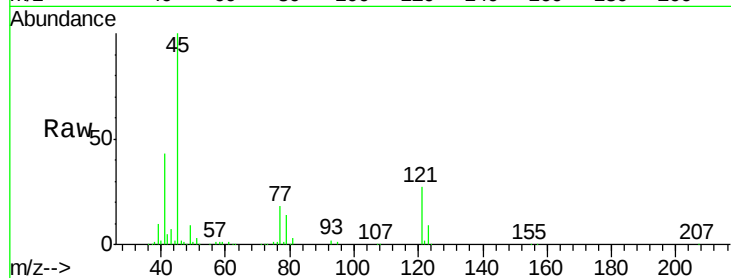




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.857 ng/ul
RT: 8.95 min Scan# 937
Delta R.T. 0.01 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

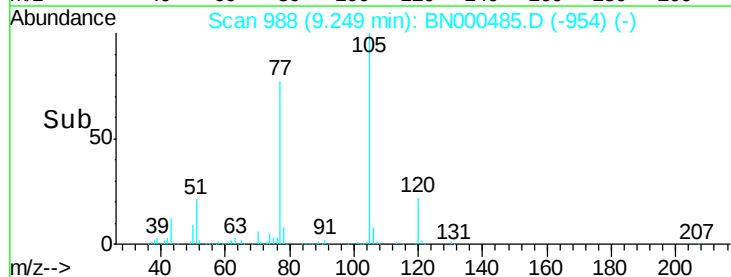
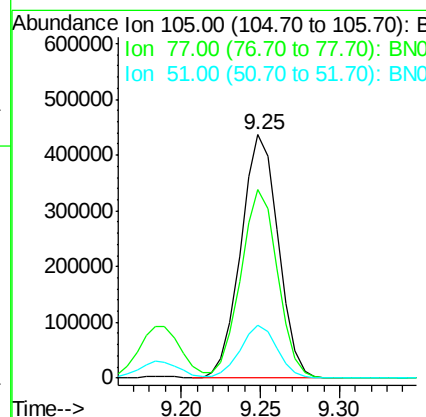
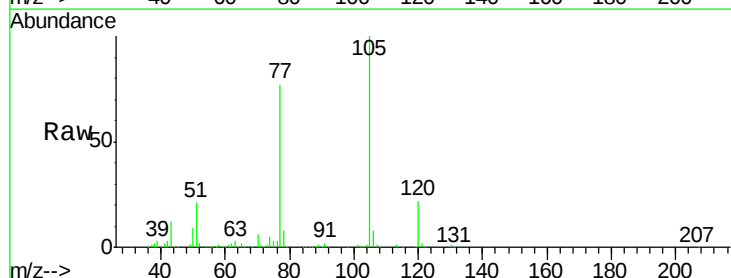
Instrument :
BNA_N
ClientSampled :

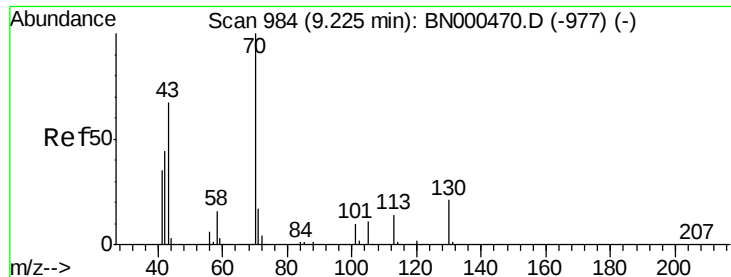
Tot Ion: 45 Resp: 522538
Ion Ratio Lower Upper
45 100
77 17.9 12.5 18.7
79 14.3 9.4 14.2#



#14
Acetophenone
Concen: 21.461 ng/ul
RT: 9.25 min Scan# 988
Delta R.T. 0.00 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

Tgt Ion:105 Resp: 713534
Ion Ratio Lower Upper
105 100
77 77.4 63.2 94.8
51 21.5 19.8 29.8





#15

N-Nitroso-di-n-propylamine

Concen: 20.674 ng/ul

RT: 9.23 min Scan# 984

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 359496

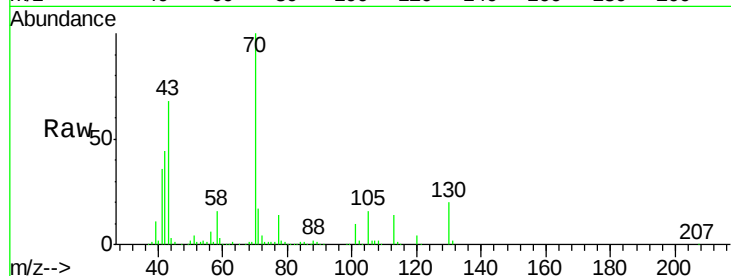
Ion Ratio Lower Upper

70 100

42 44.2 40.2 60.4

101 10.0 7.7 11.5

130 20.3 17.8 26.6

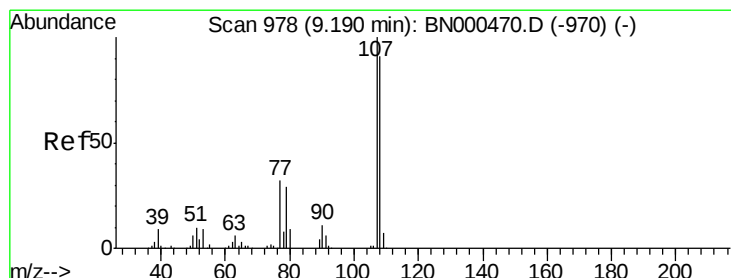
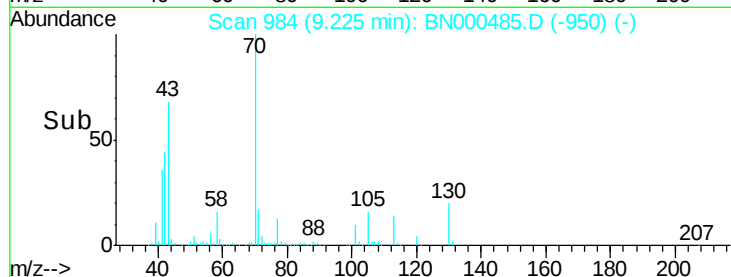
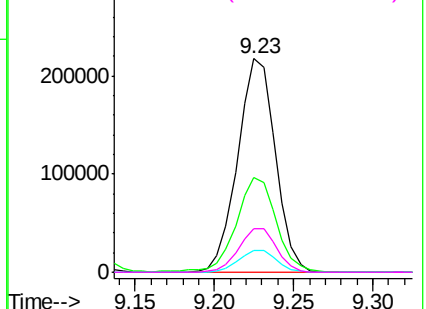


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 21.047 ng/ul

RT: 9.19 min Scan# 978

Delta R.T. 0.00 min

Lab File: BN000485.D

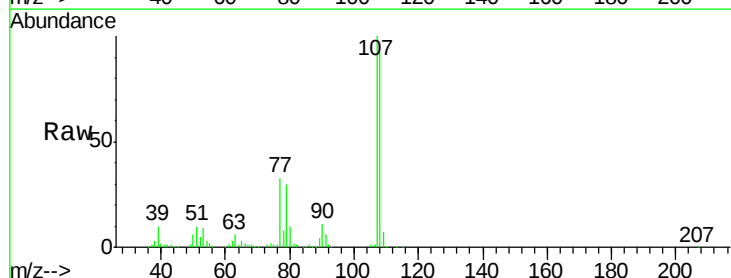
Acq: 20 Mar 2018 10:50

Tgt Ion:108 Resp: 484119

Ion Ratio Lower Upper

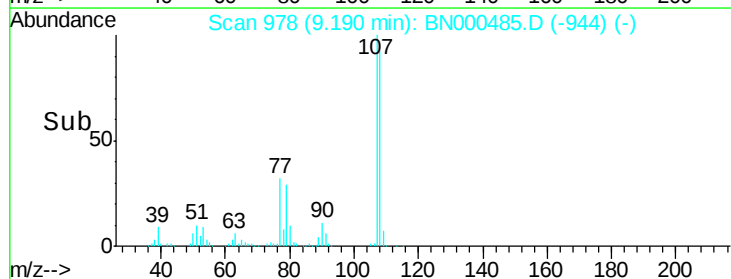
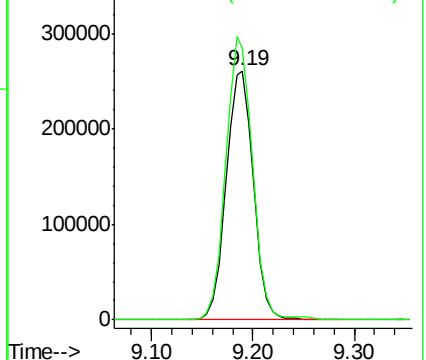
108 100

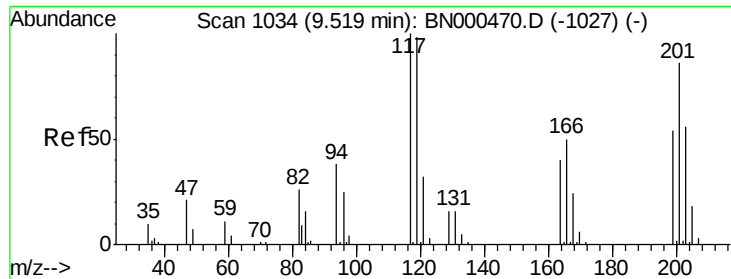
107 109.1 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

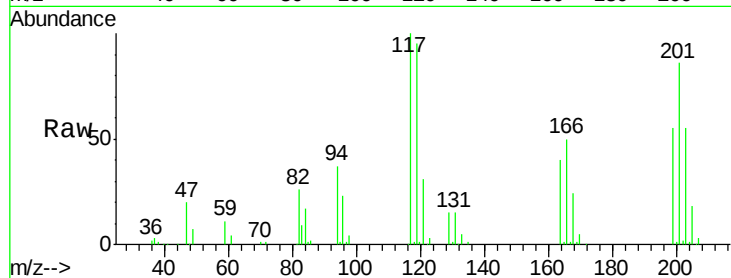




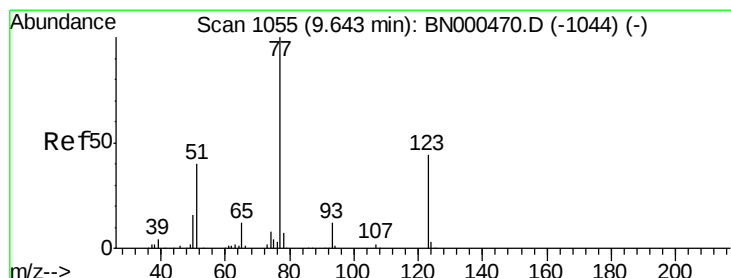
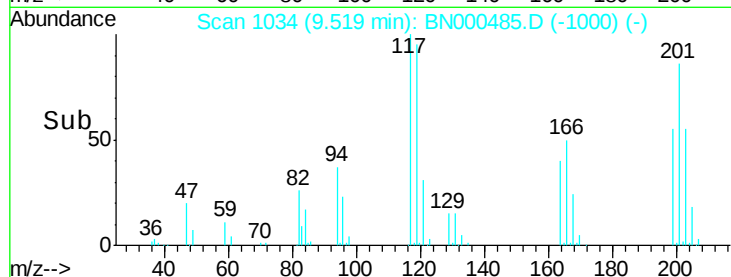
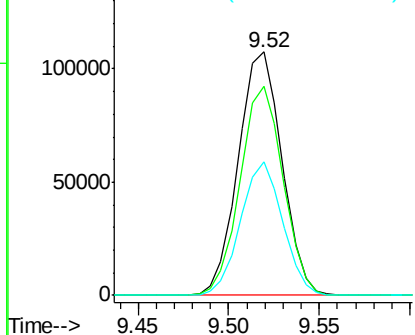
#17
Hexachloroethane
Concen: 19.511 ng/ul
RT: 9.52 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

Instrument :
BNA_N
ClientSampleId :

Tot Ion:117 Resp: 180453
Ion Ratio Lower Upper
117 100
201 85.9 96.1 144.1#
199 54.6 59.7 89.5#

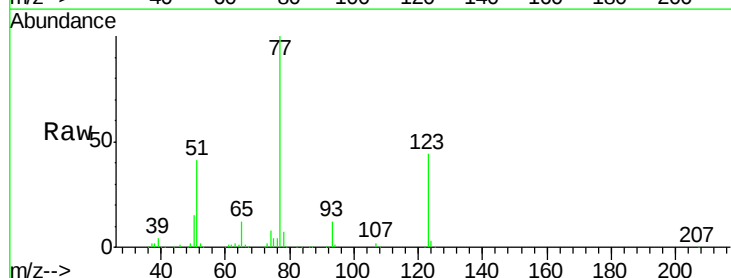


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

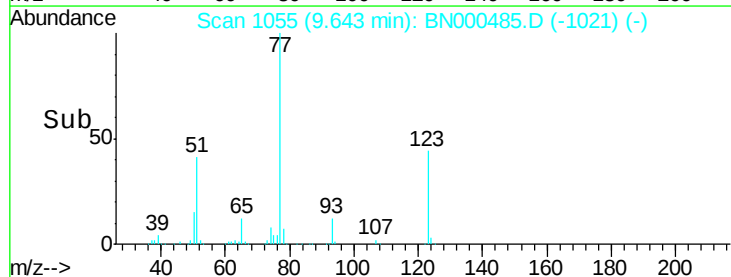
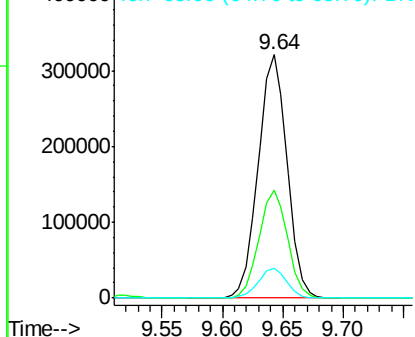


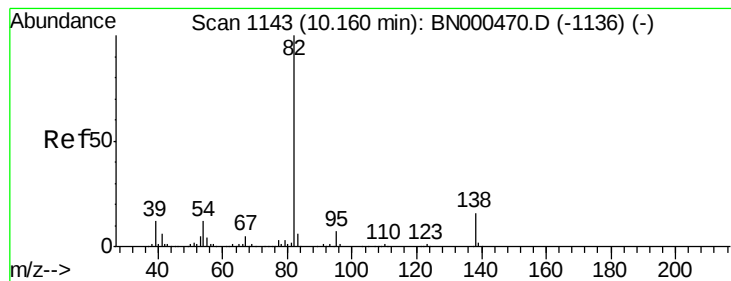
#20
Nitrobenzene
Concen: 19.495 ng/ul
RT: 9.64 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

Tgt Ion: 77 Resp: 535403
Ion Ratio Lower Upper
77 100
123 44.2 31.8 47.8
65 12.4 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 19.675 ng/ul

RT: 10.16 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

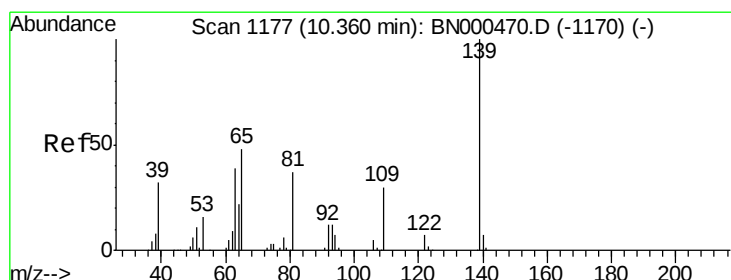
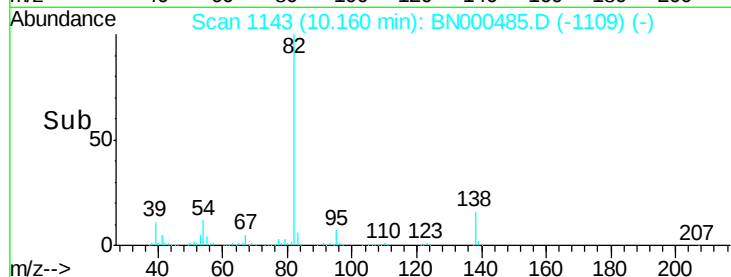
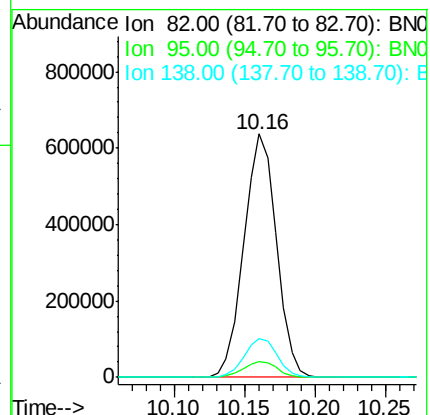
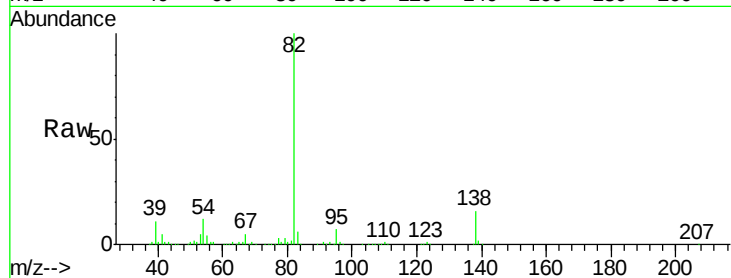
Tot Ion: 82 Resp: 1030078

Ion Ratio Lower Upper

82 100

95 6.7 6.1 9.1

138 15.9 13.5 20.3



#23

2-Nitrophenol

Concen: 19.682 ng/ul

RT: 10.36 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

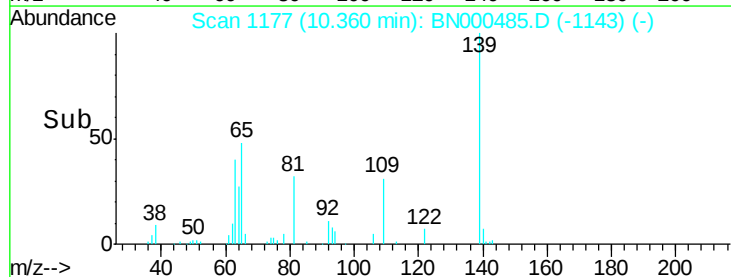
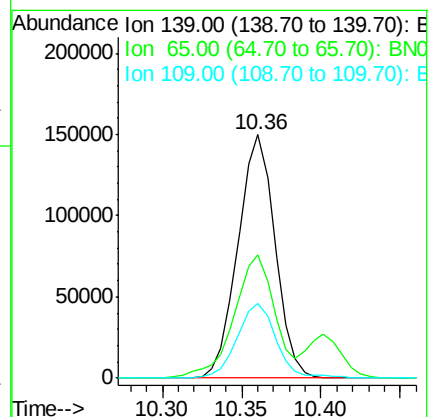
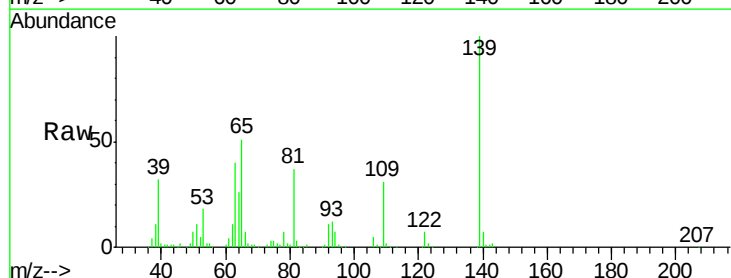
Tgt Ion: 139 Resp: 243971

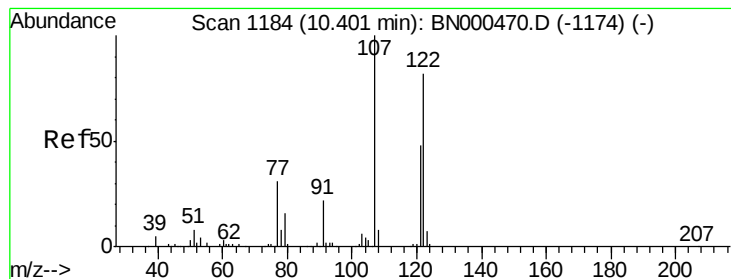
Ion Ratio Lower Upper

139 100

65 50.7 45.3 67.9

109 30.5 27.7 41.5





#24

2,4-Dimethylphenol

Concen: 19.515 ng/ul

RT: 10.40 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

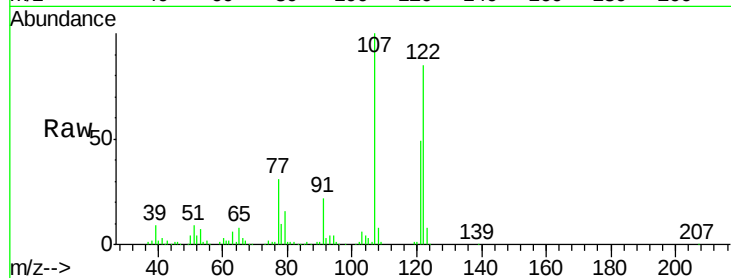
Tot Ion:107 Resp: 521104

Ion Ratio Lower Upper

107 100

121 49.3 38.1 57.1

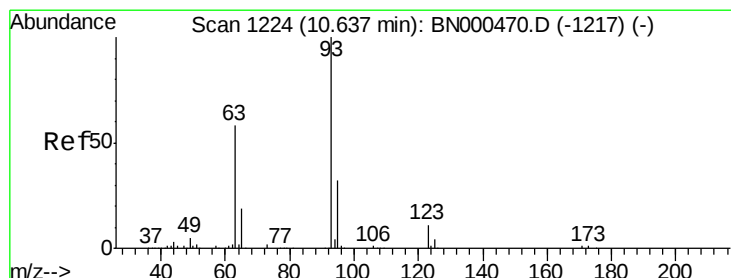
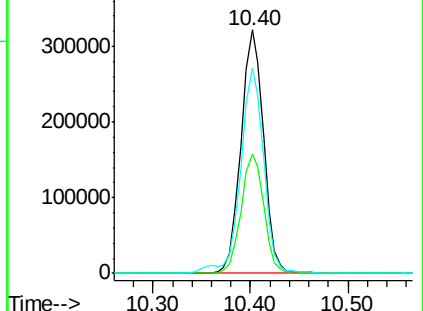
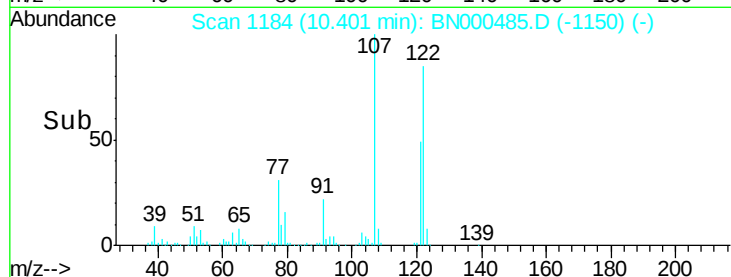
122 84.5 63.8 95.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.670 ng/ul

RT: 10.64 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

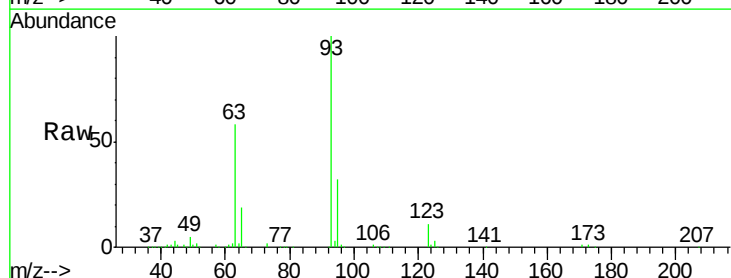
Tgt Ion: 93 Resp: 650426

Ion Ratio Lower Upper

93 100

95 32.2 24.7 37.1

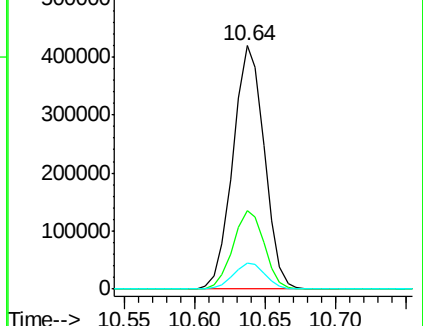
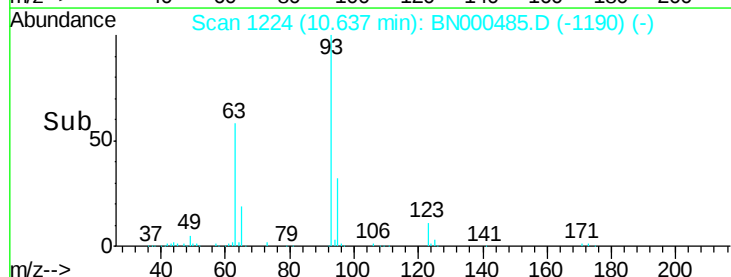
123 10.7 8.2 12.2

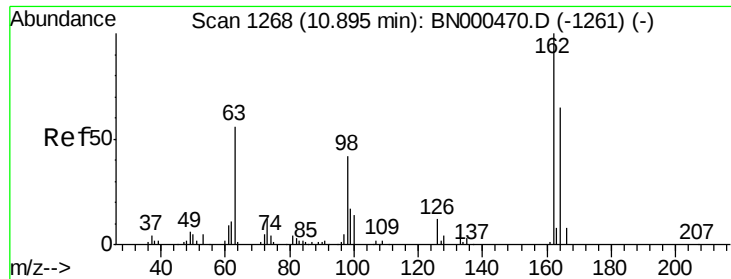


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.762 ng/ul

RT: 10.90 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampled :

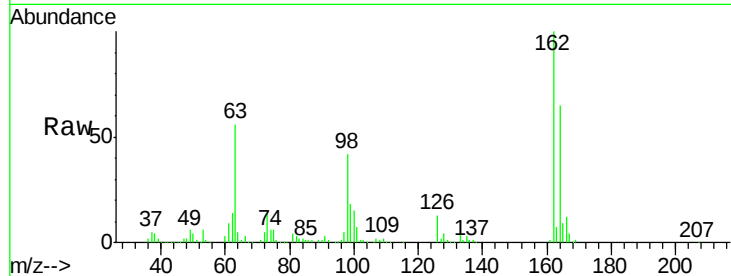
Tot Ion:162 Resp: 396266

Ion Ratio Lower Upper

162 100

164 64.9 52.0 78.0

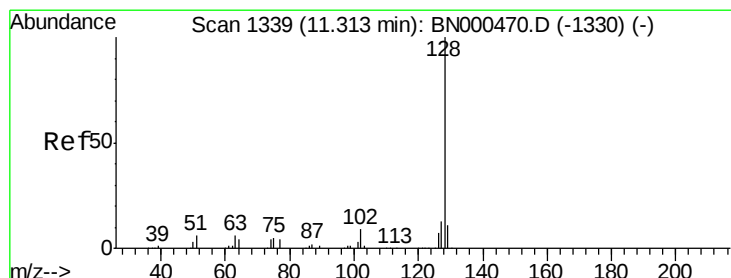
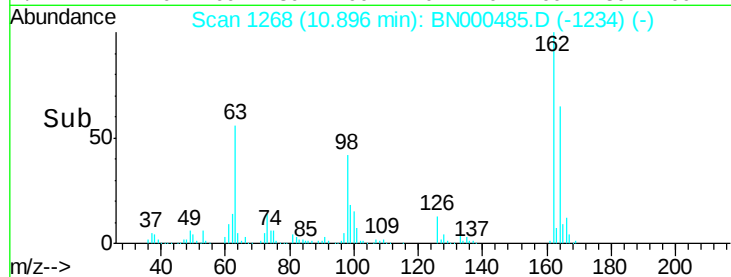
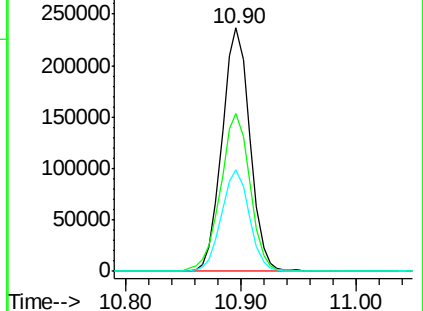
98 41.6 26.6 39.8#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#28

Naphthalene

Concen: 19.445 ng/ul

RT: 11.31 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

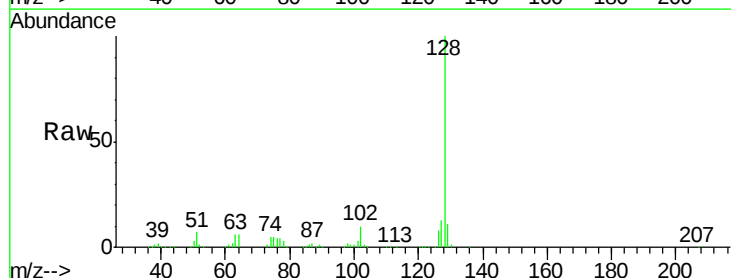
Tgt Ion:128 Resp: 1398813

Ion Ratio Lower Upper

128 100

129 10.9 8.3 12.5

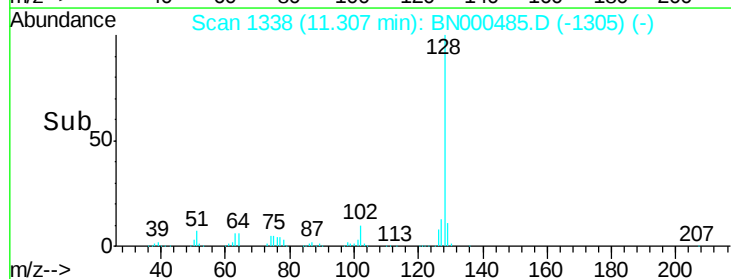
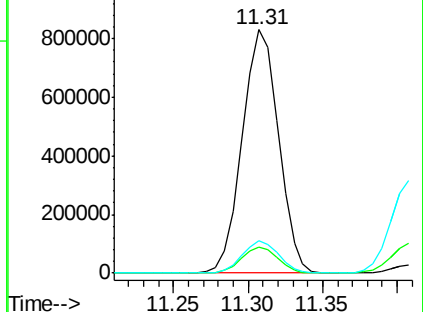
127 13.1 10.8 16.2

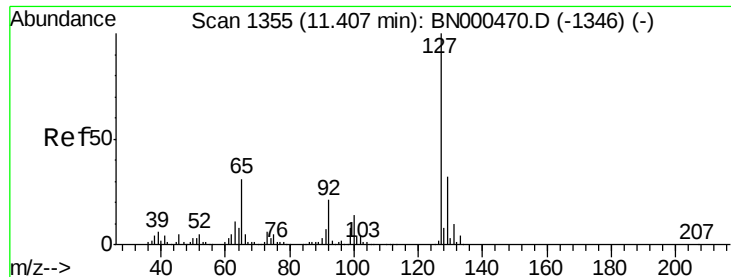


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

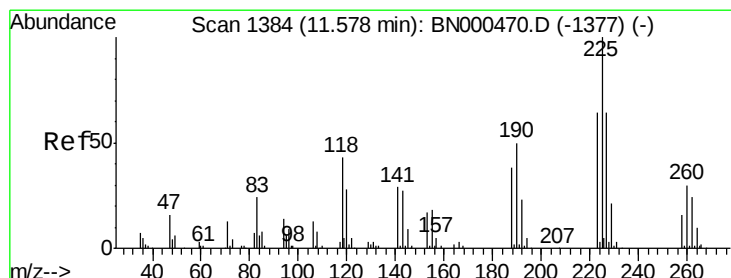
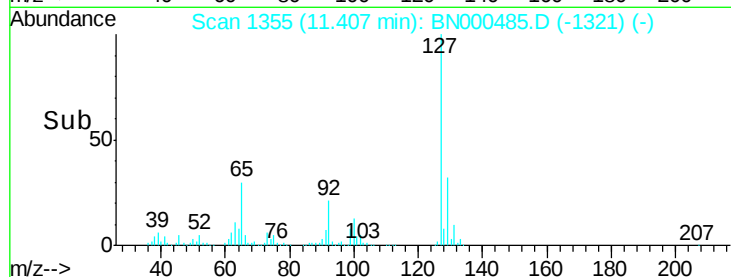
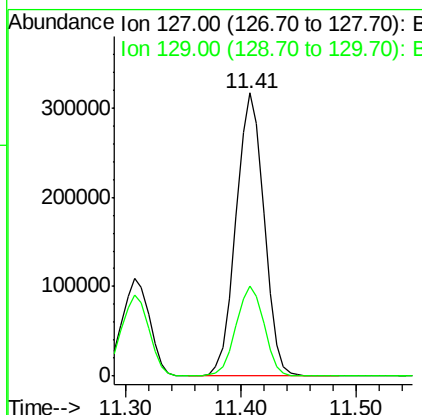
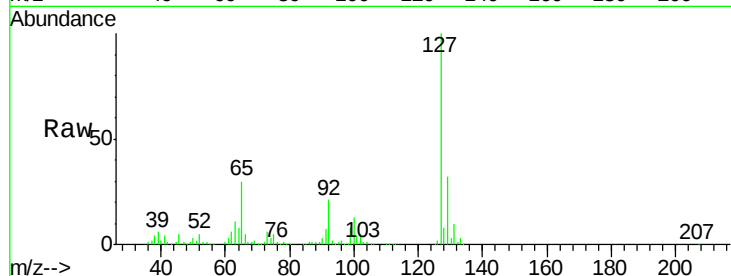




#30
4-Chloroaniline
Concen: 24.717 ng/ul
RT: 11.41 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

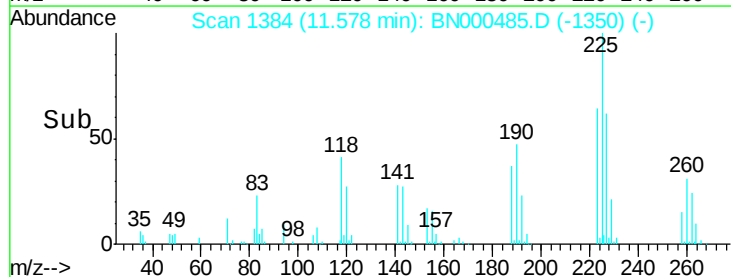
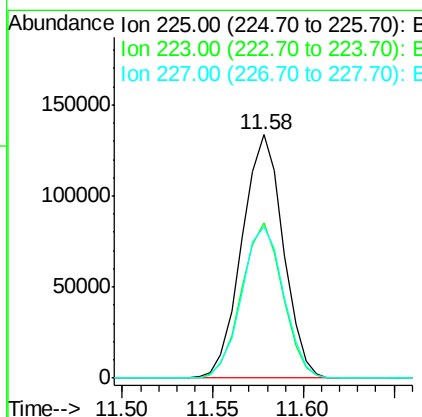
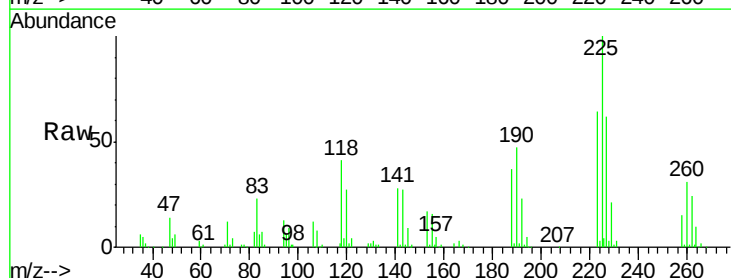
Instrument :
BNA_N
ClientSampleId :

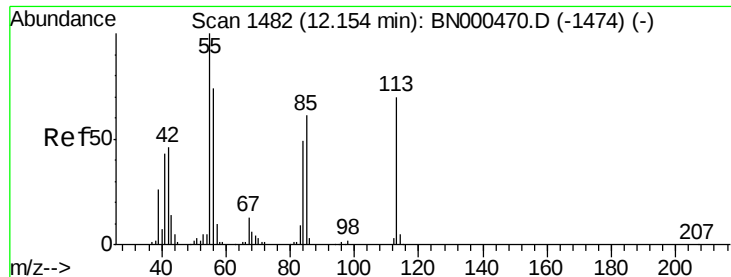
Tot Ion:127 Resp: 532039
Ion Ratio Lower Upper
127 100
129 31.9 24.6 37.0



#31
Hexachlorobutadiene
Concen: 19.071 ng/ul
RT: 11.58 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

Tgt Ion:225 Resp: 211905
Ion Ratio Lower Upper
225 100
223 63.6 48.1 72.1
227 62.4 52.1 78.1





#32

Caprolactam

Concen: 20.119 ng/ul

RT: 12.15 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

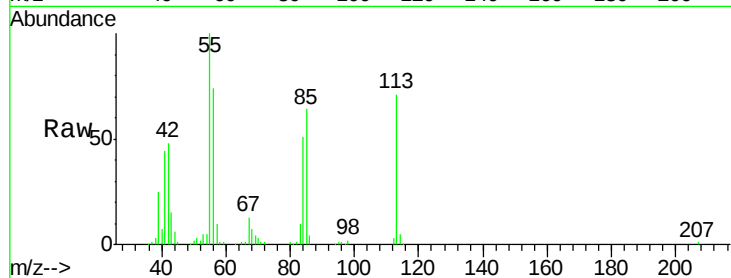
Tot Ion:113 Resp: 147475

Ion Ratio Lower Upper

113 100

55 140.0 131.7 197.5

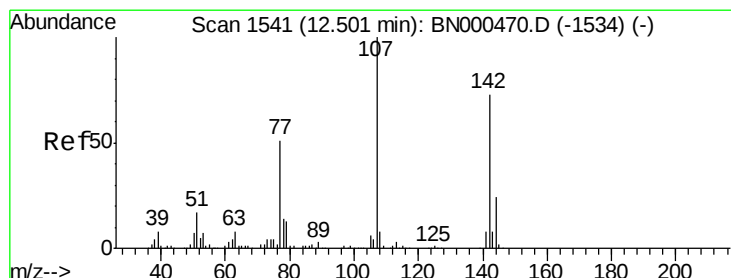
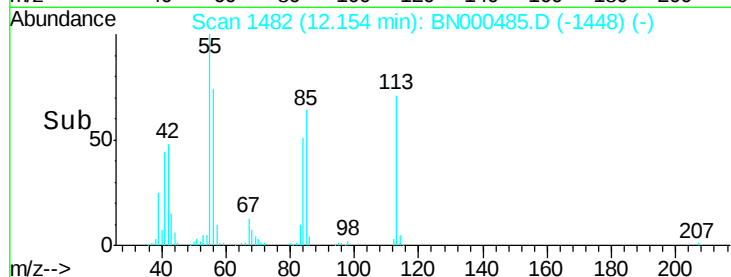
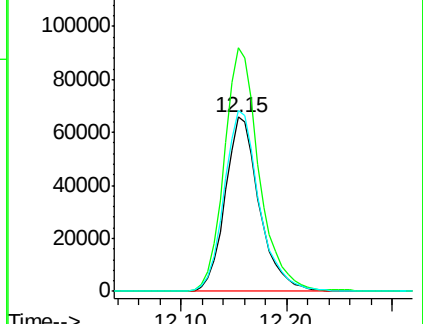
56 104.0 92.7 139.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 20.104 ng/ul

RT: 12.50 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

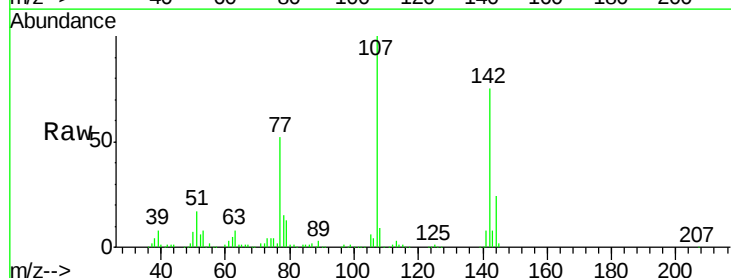
Tgt Ion:107 Resp: 473912

Ion Ratio Lower Upper

107 100

144 24.4 21.1 31.7

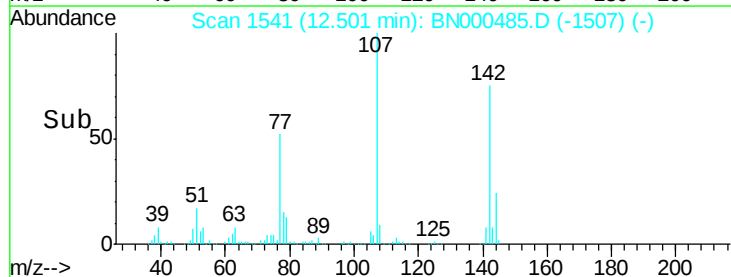
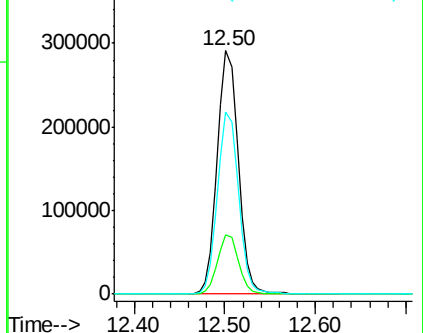
142 74.7 60.1 90.1

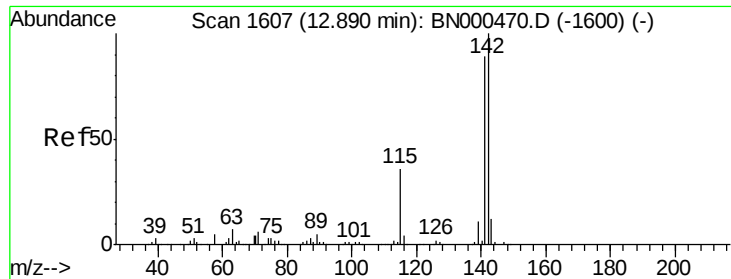


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

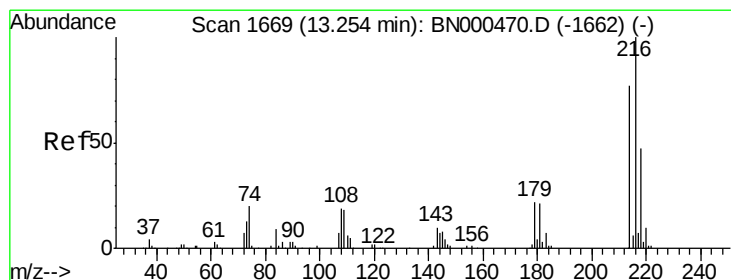
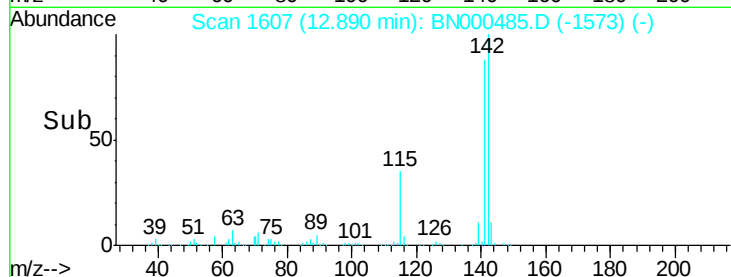
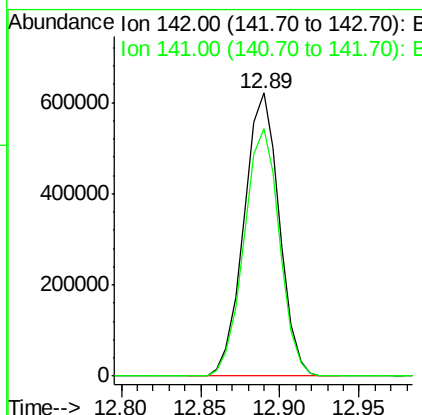
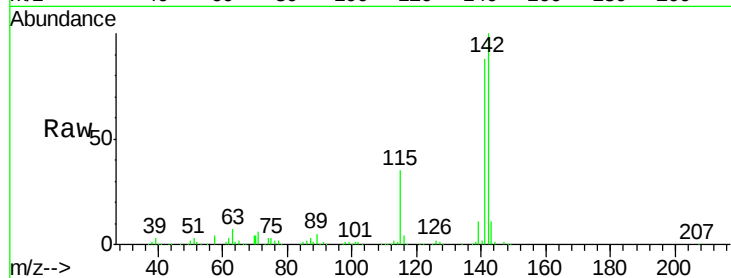




#34
 2-Methylnaphthalene
 Concen: 19.974 ng/ul
 RT: 12.89 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BN000485.D
 Acq: 20 Mar 2018 10:50

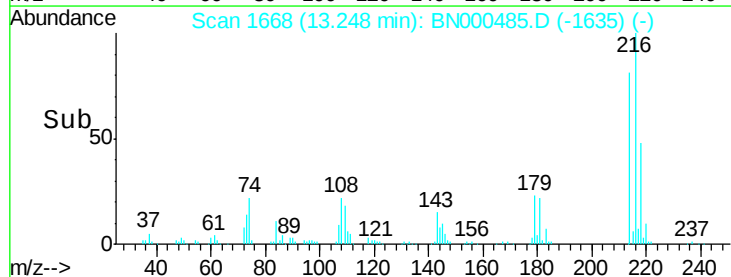
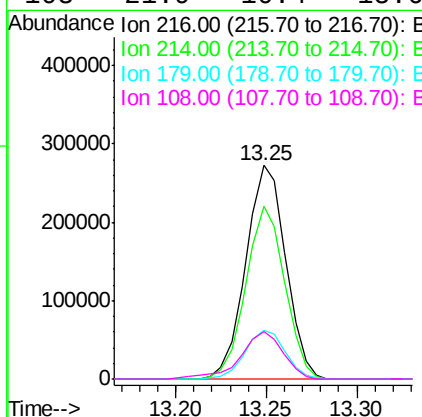
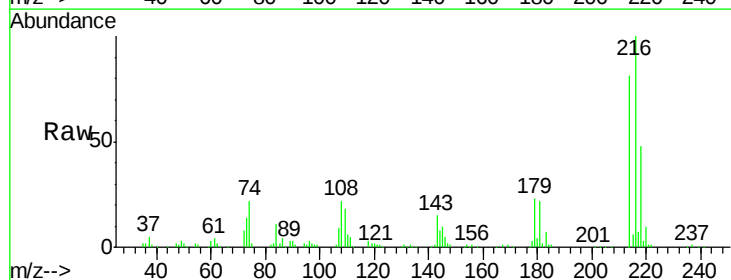
Instrument :
 BNA_N
 ClientSampleId :

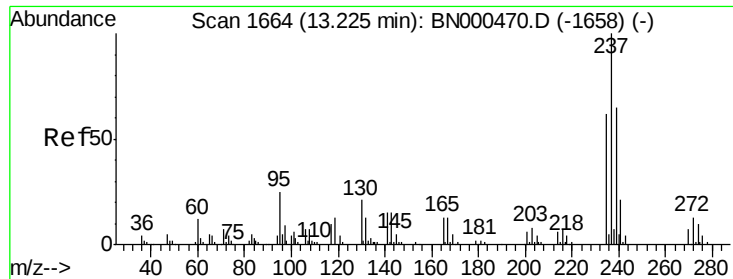
Tot Ion:142 Resp: 959304
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.4 107.2



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.926 ng/ul
 RT: 13.25 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BN000485.D
 Acq: 20 Mar 2018 10:50

Tgt Ion:216 Resp: 416479
 Ion Ratio Lower Upper
 216 100
 214 80.7 64.1 96.1
 179 22.9 14.5 21.7#
 108 21.9 10.4 15.6#

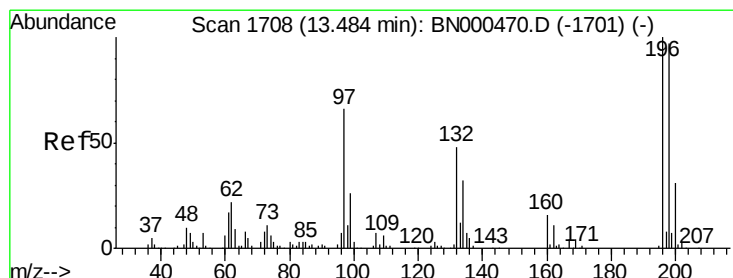
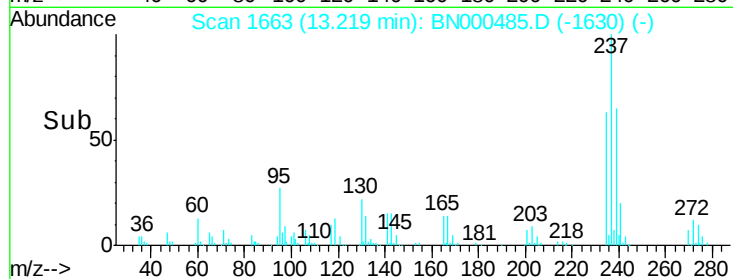
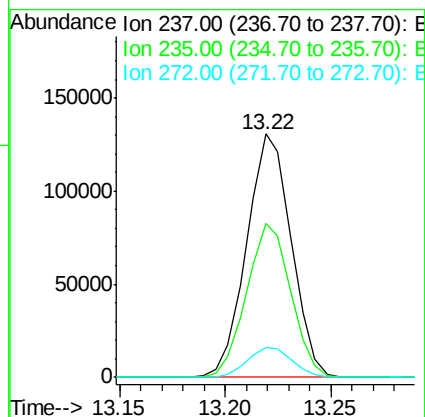
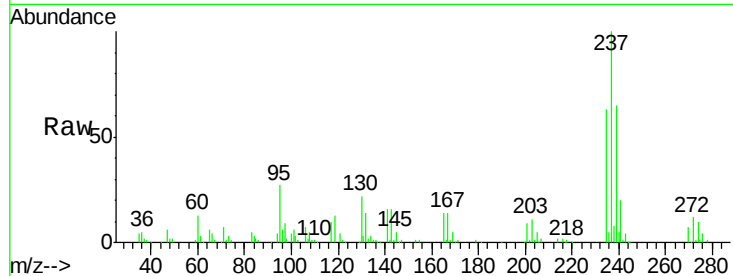




#37
Hexachlorocyclopentadiene
Concen: 16.689 ng/ul
RT: 13.22 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

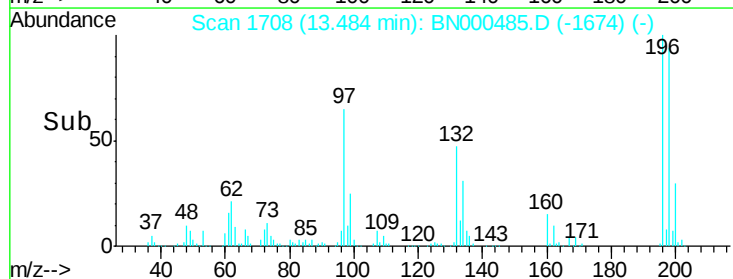
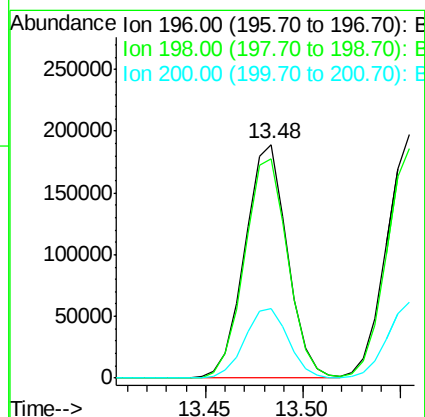
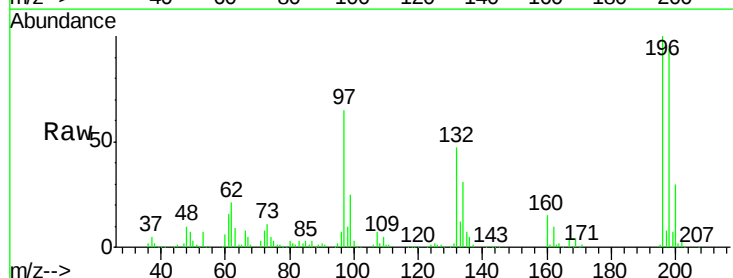
Instrument :
BNA_N
ClientSampleId :

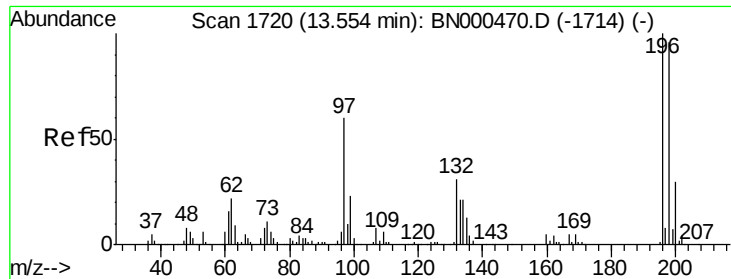
Tot Ion:237 Resp: 191510
Ion Ratio Lower Upper
237 100
235 63.2 49.5 74.3
272 12.3 8.6 12.8



#38
2,4,6-Trichlorophenol
Concen: 19.129 ng/ul
RT: 13.48 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

Tgt Ion:196 Resp: 285535
Ion Ratio Lower Upper
196 100
198 94.0 75.9 113.9
200 30.0 25.8 38.6

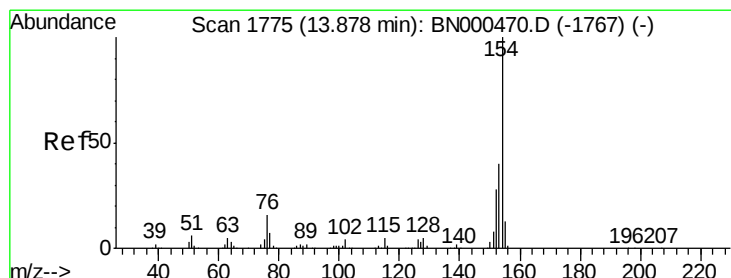
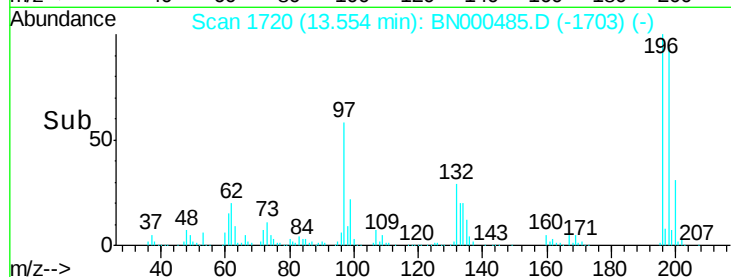
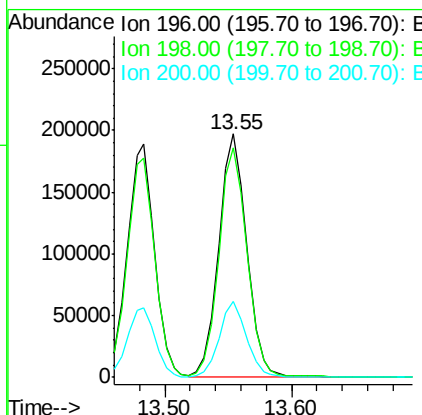
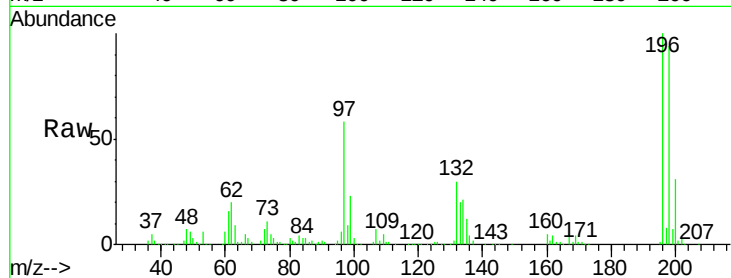




#39
 2,4,5-Trichlorophenol
 Concen: 19.268 ng/ul
 RT: 13.55 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN000485.D
 Acq: 20 Mar 2018 10:50

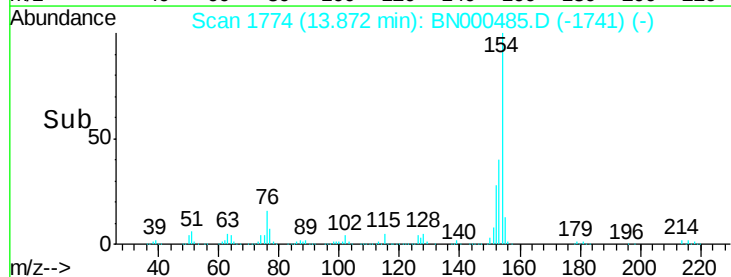
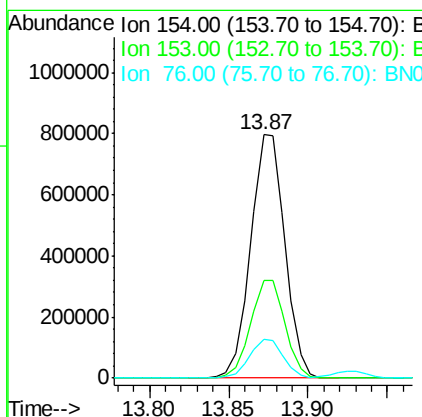
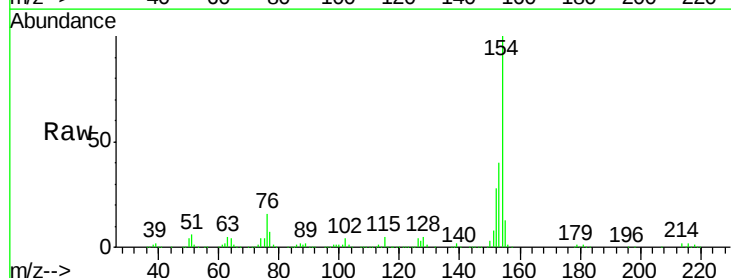
Instrument :
 BNA_N
 ClientSampleId :

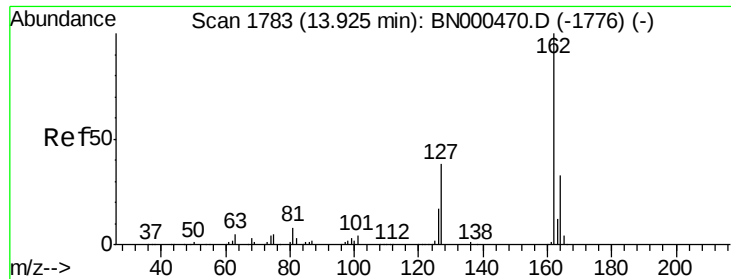
Tot Ion:196 Resp: 299887
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.7 112.1
 200 31.1 25.4 38.0



#40
 1,1'-Biphenyl
 Concen: 19.201 ng/ul
 RT: 13.87 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BN000485.D
 Acq: 20 Mar 2018 10:50

Tgt Ion:154 Resp: 1197289
 Ion Ratio Lower Upper
 154 100
 153 40.4 34.0 51.0
 76 15.7 8.4 12.6#

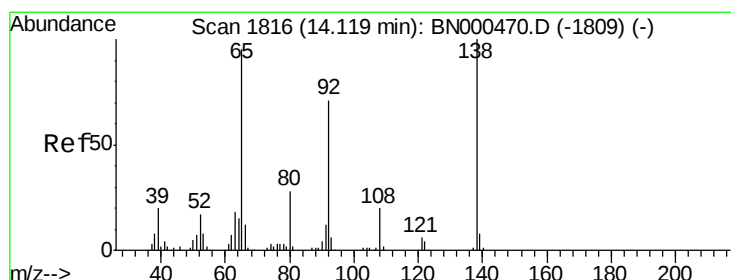
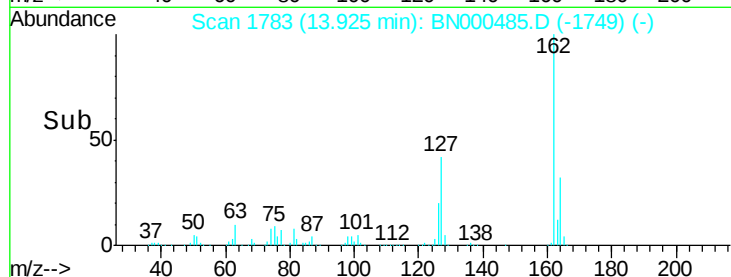
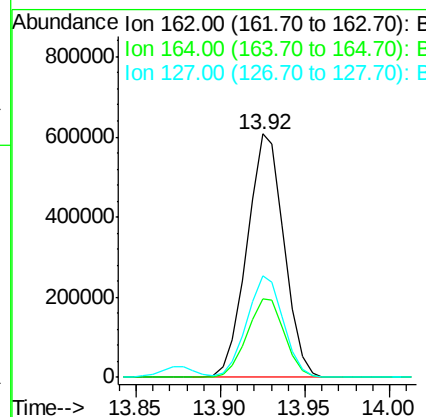
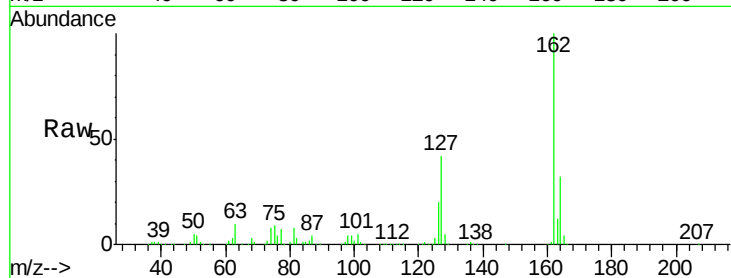




#41
 2-Chloronaphthalene
 Concen: 19.183 ng/ul
 RT: 13.92 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BN000485.D
 Acq: 20 Mar 2018 10:50

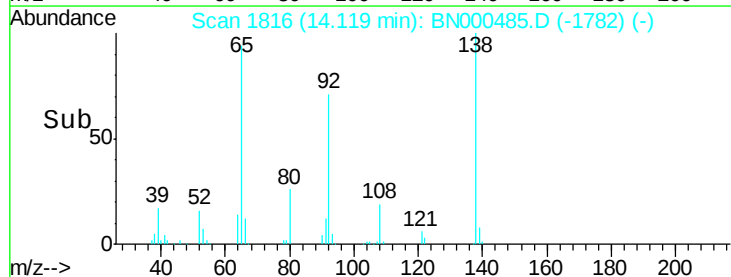
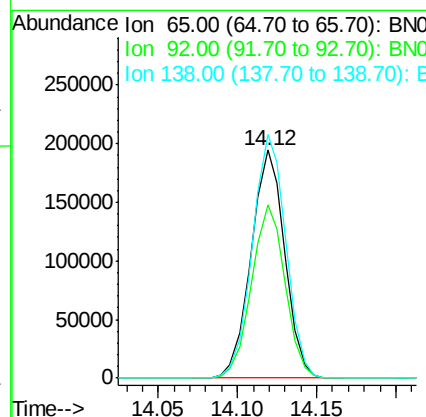
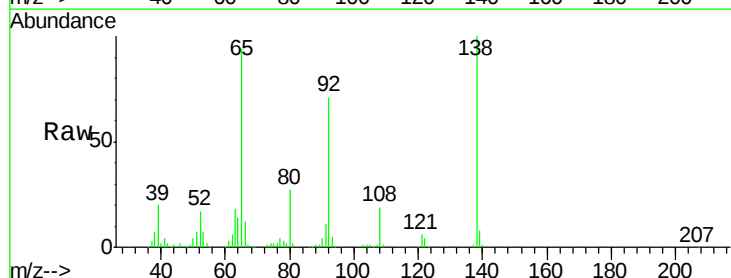
Instrument :
 BNA_N
 ClientSampleId :

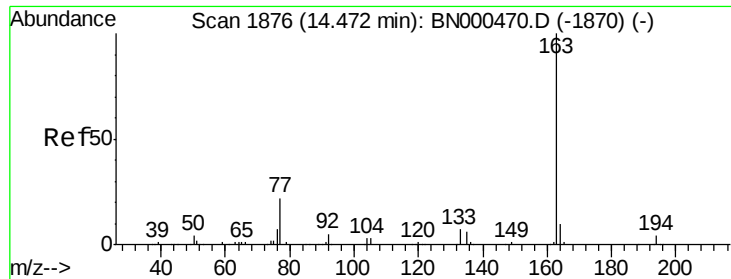
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.4	26.2	39.4
127	41.9	29.5	44.3



#42
 2-Nitroaniline
 Concen: 19.705 ng/ul
 RT: 14.12 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BN000485.D
 Acq: 20 Mar 2018 10:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.8	57.0	85.4
138	106.8	87.2	130.8





#44

Dimethylphthalate

Concen: 19.377 ng/ul

RT: 14.47 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampled :

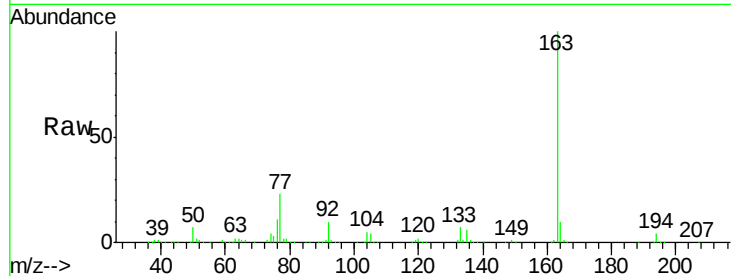
Tot Ion:163 Resp: 1109143

Ion Ratio Lower Upper

163 100

194 3.9 4.0 6.0#

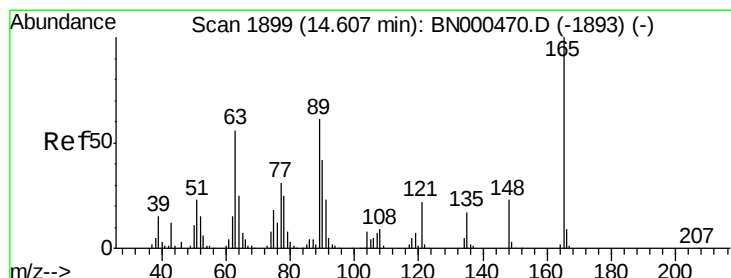
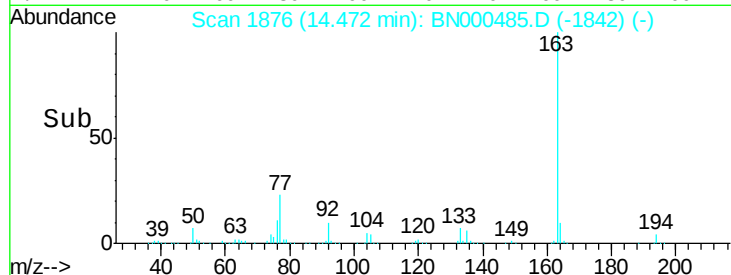
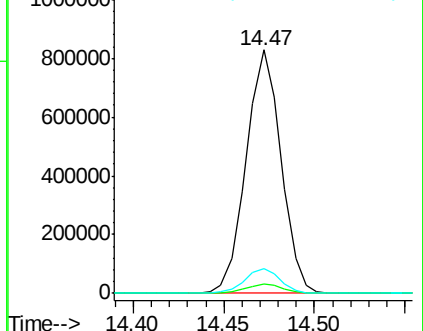
164 10.1 8.4 12.6



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



#45

2,6-Dinitrotoluene

Concen: 20.103 ng/ul

RT: 14.61 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

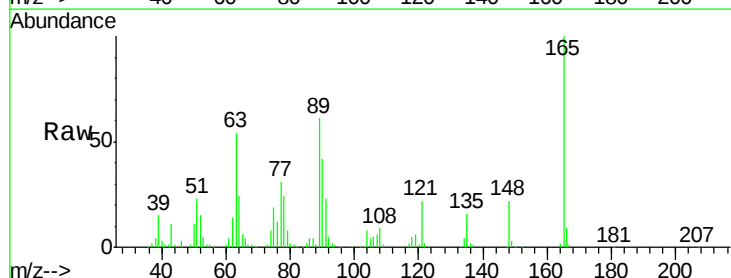
Tgt Ion:165 Resp: 231885

Ion Ratio Lower Upper

165 100

89 60.8 43.8 65.8

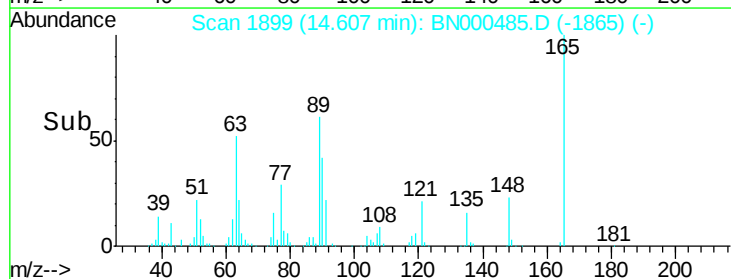
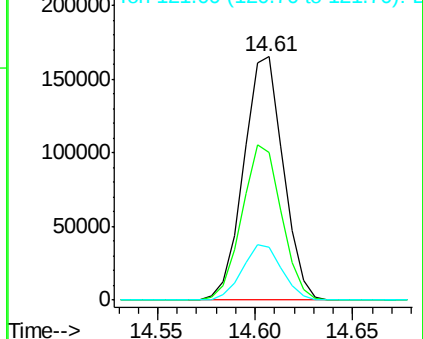
121 21.6 17.8 26.6

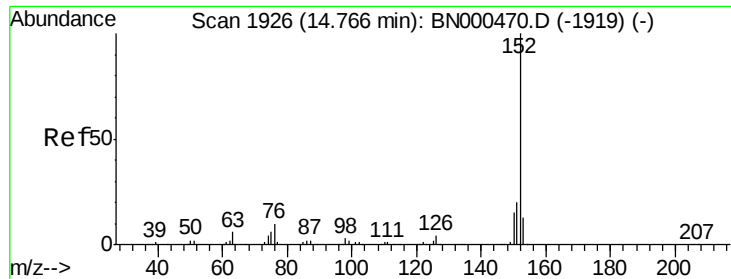


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.324 ng/ul

RT: 14.77 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

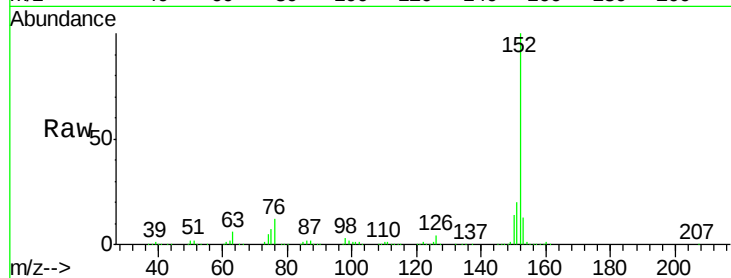
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 1445211

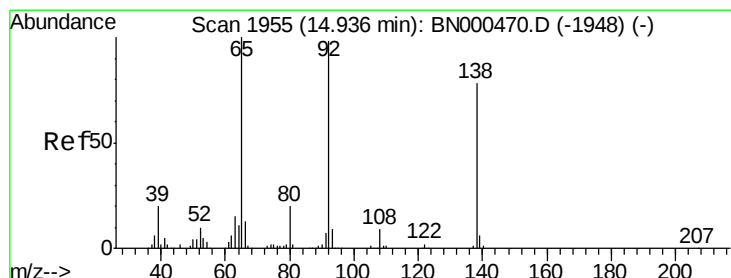
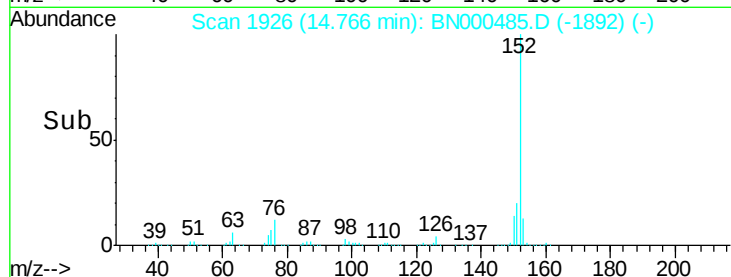
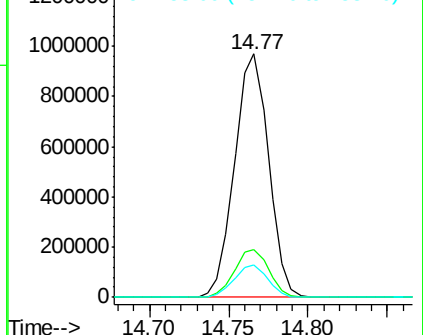
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.4	10.8	16.2



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



#48

3-Nitroaniline

Concen: 21.707 ng/ul

RT: 14.94 min Scan# 1955

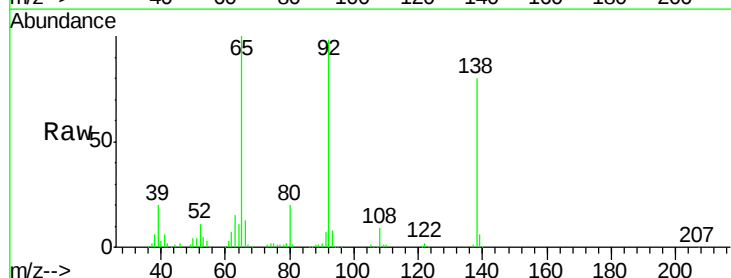
Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Tgt Ion:138 Resp: 241747

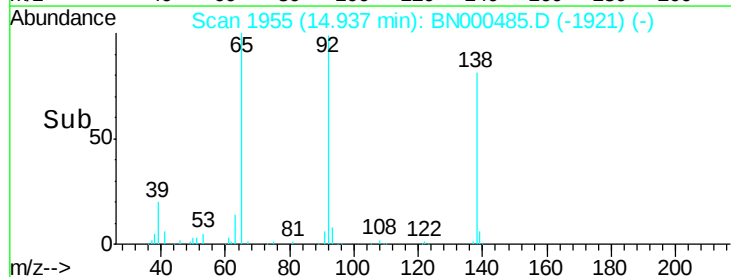
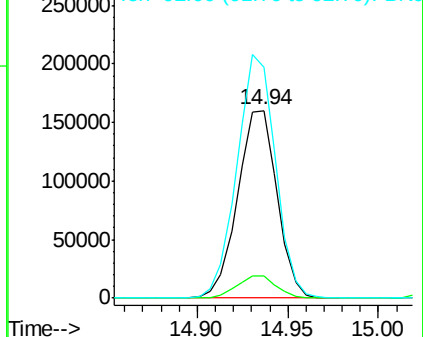
Ion	Ratio	Lower	Upper
138	100		
108	11.8	7.6	11.4#
92	122.8	94.2	141.2

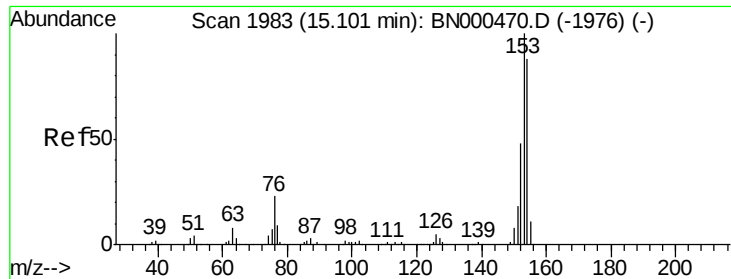


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 19.383 ng/ul

RT: 15.10 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

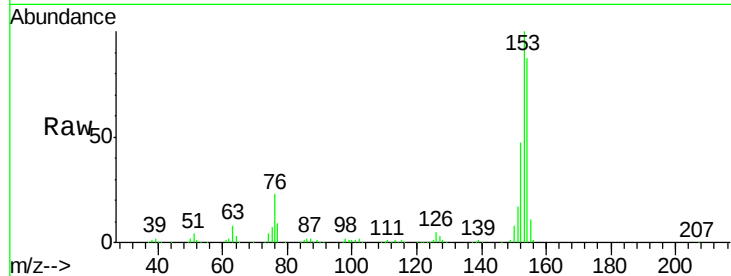
Tot Ion:153 Resp: 988397

Ion Ratio Lower Upper

153 100

152 46.7 37.9 56.9

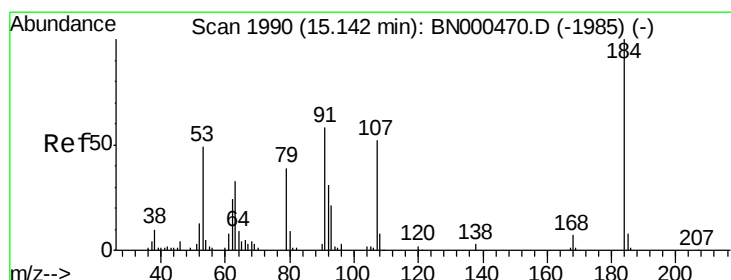
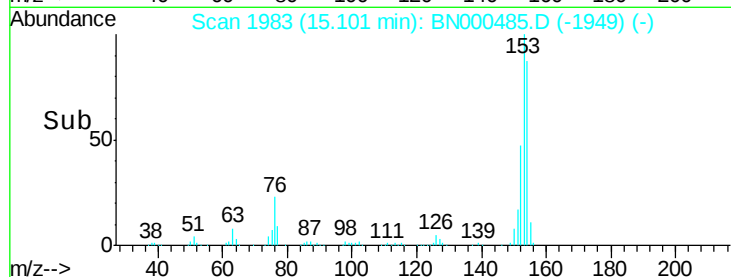
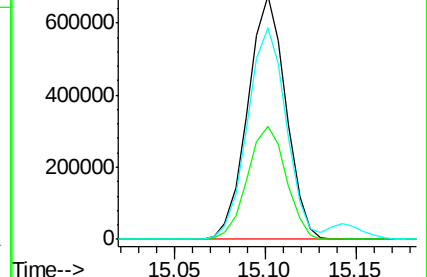
154 87.2 69.8 104.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 17.682 ng/ul

RT: 15.14 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

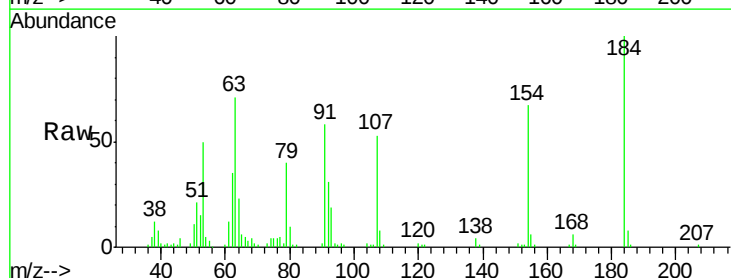
Tgt Ion:184 Resp: 96225

Ion Ratio Lower Upper

184 100

63 71.1 39.7 59.5#

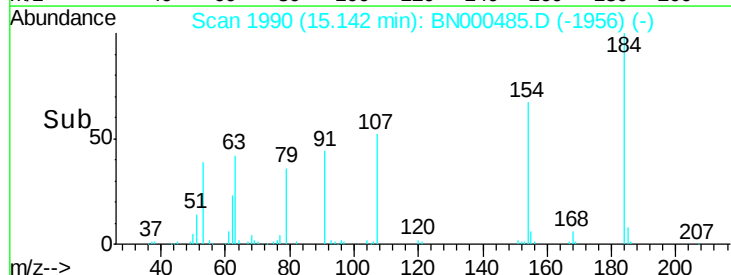
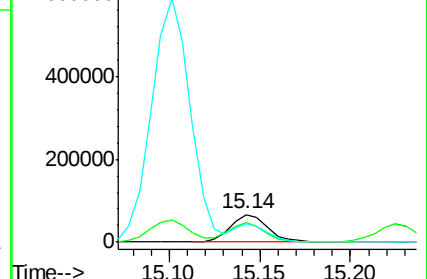
154 67.1 45.0 67.6

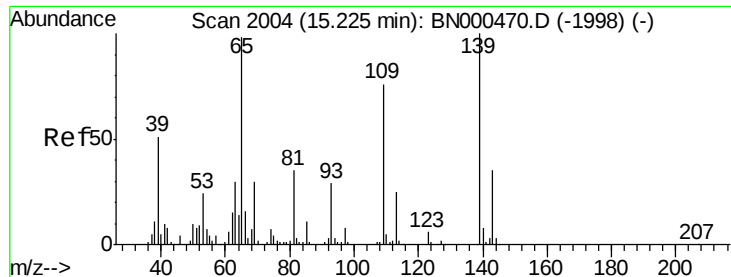


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.066 ng/ul

RT: 15.22 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

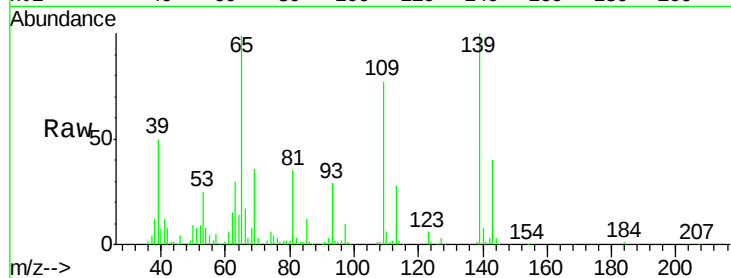
Tot Ion:109 Resp: 166627

Ion Ratio Lower Upper

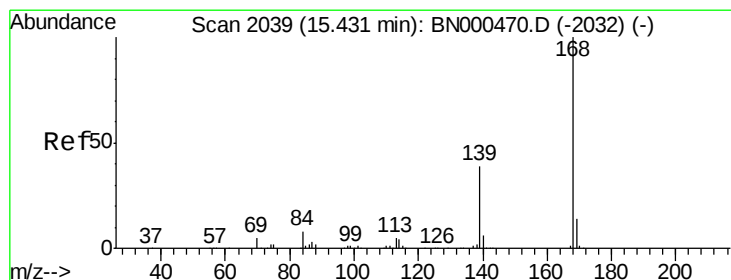
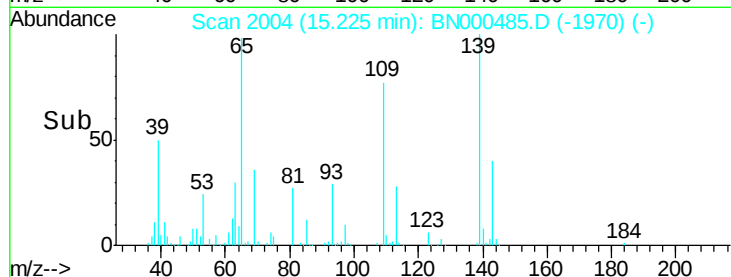
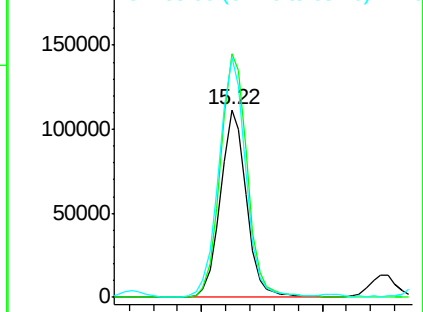
109 100

139 129.5 91.2 136.8

65 127.9 92.6 139.0



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



#53

Dibenzofuran

Concen: 19.379 ng/ul

RT: 15.43 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BN000485.D

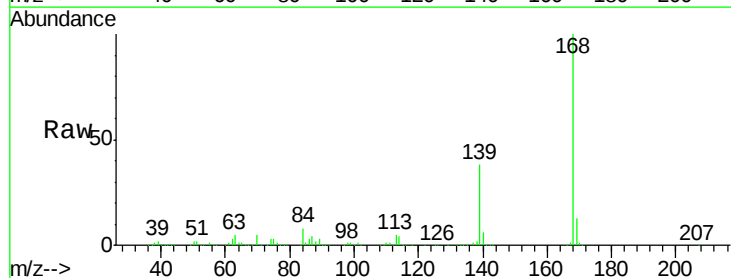
Acq: 20 Mar 2018 10:50

Tgt Ion:168 Resp: 1342162

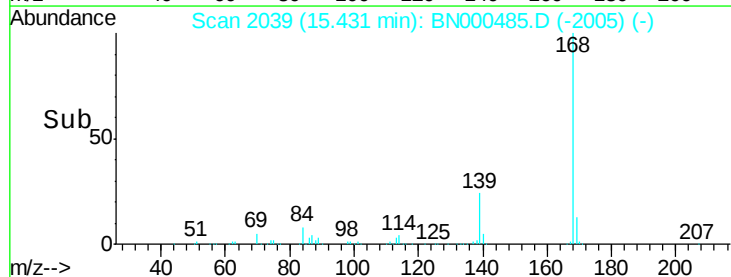
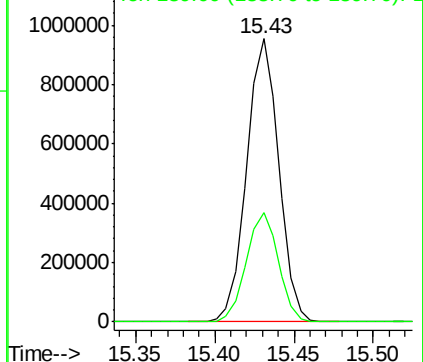
Ion Ratio Lower Upper

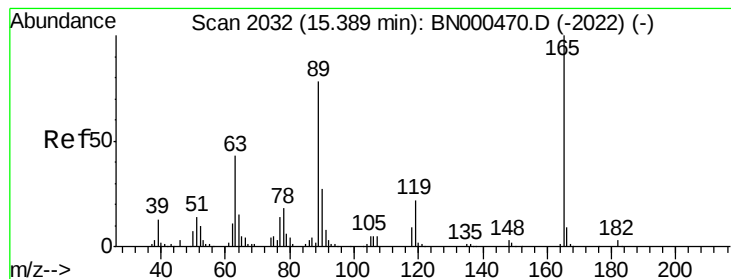
168 100

139 38.5 31.0 46.4



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





#54

2,4-Dinitrotoluene

Concen: 20.018 ng/ul

RT: 15.39 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

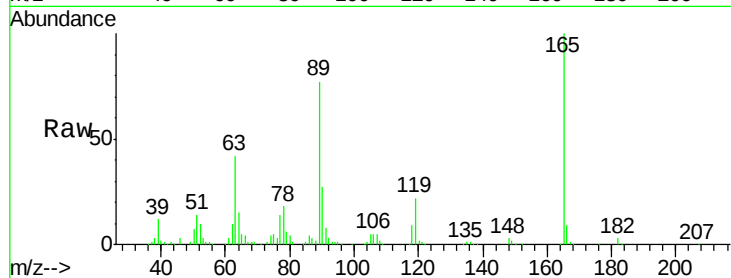
Tot Ion:165 Resp: 327357

Ion Ratio Lower Upper

165 100

63 42.3 31.4 47.0

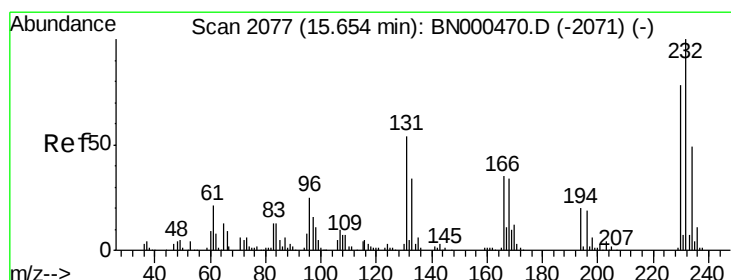
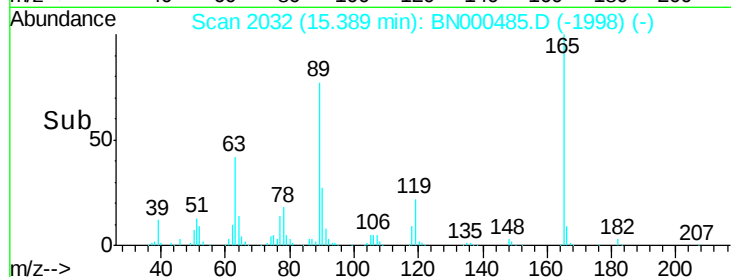
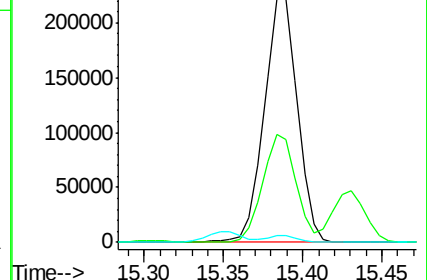
182 2.8 2.7 4.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.559 ng/ul

RT: 15.65 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Tgt Ion:232 Resp: 232463

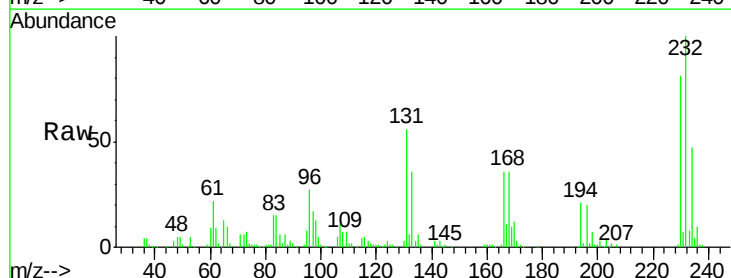
Ion Ratio Lower Upper

232 100

131 56.0 48.0 72.0

130 2.7 4.0 6.0#

166 36.4 32.0 48.0

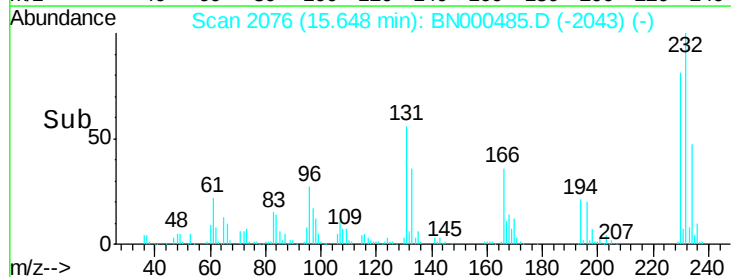
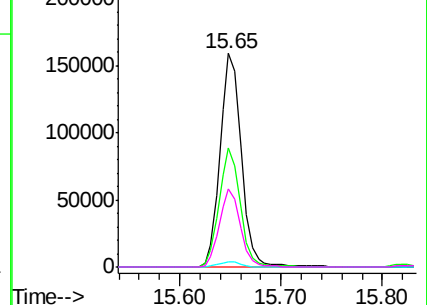


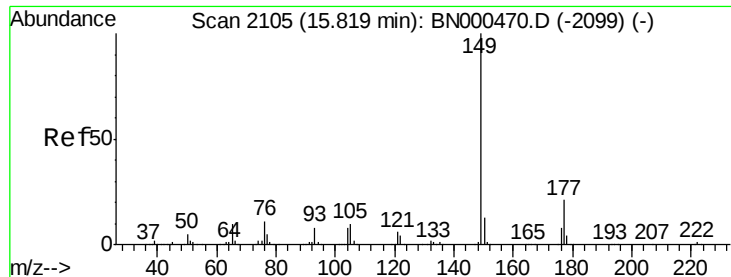
Abundance Ion 232.00 (231.70 to 232.70): E

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

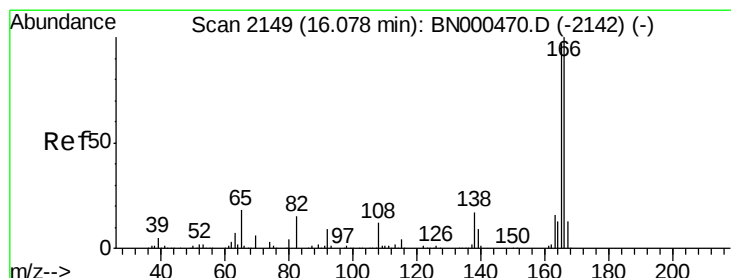
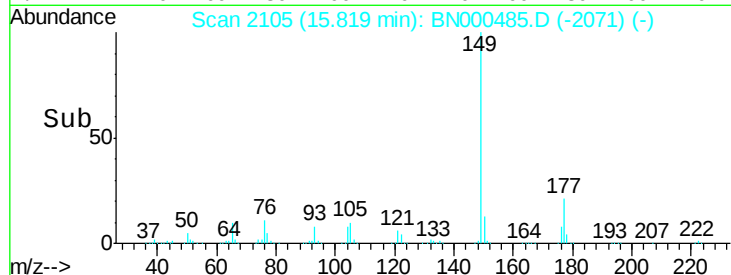
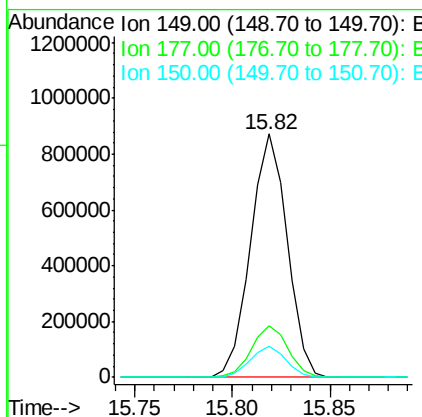
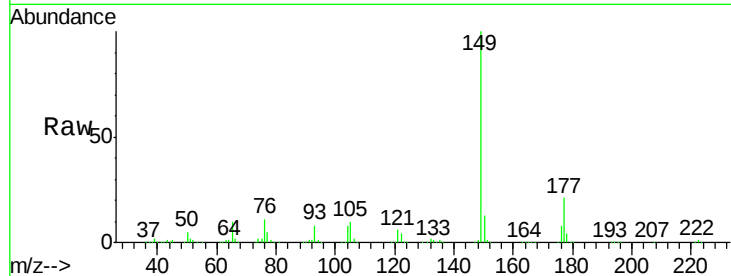




#56
Diethylphthalate
Concen: 19.416 ng/ul
RT: 15.82 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

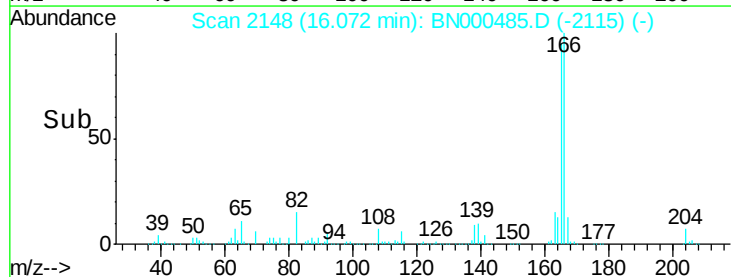
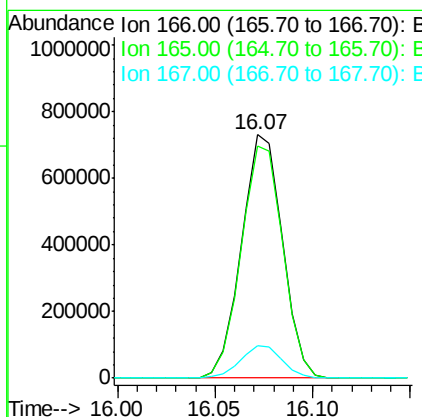
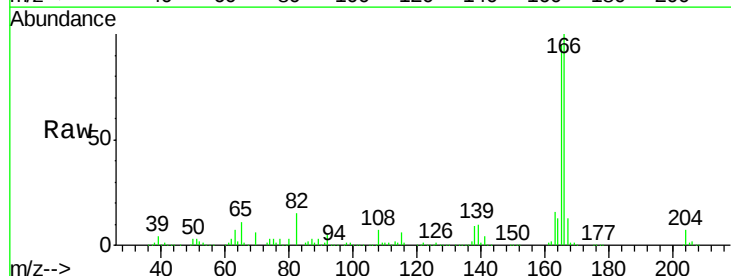
Instrument :
BNA_N
ClientSampled :

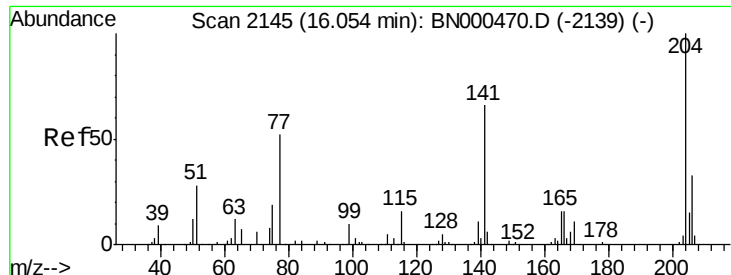
Tot Ion:149 Resp: 1134408
Ion Ratio Lower Upper
149 100
177 21.3 19.3 28.9
150 12.7 10.6 15.8



#58
Fluorene
Concen: 19.300 ng/ul
RT: 16.07 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

Tgt Ion:166 Resp: 1062217
Ion Ratio Lower Upper
166 100
165 95.3 78.4 117.6
167 13.3 11.1 16.7

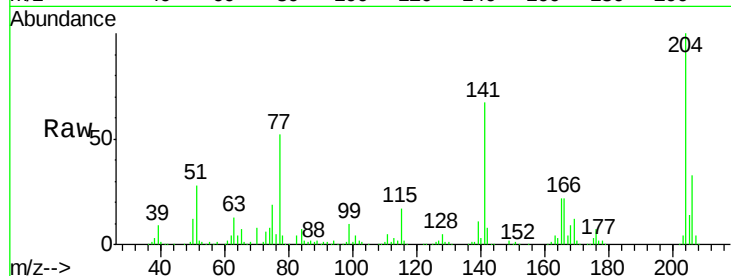




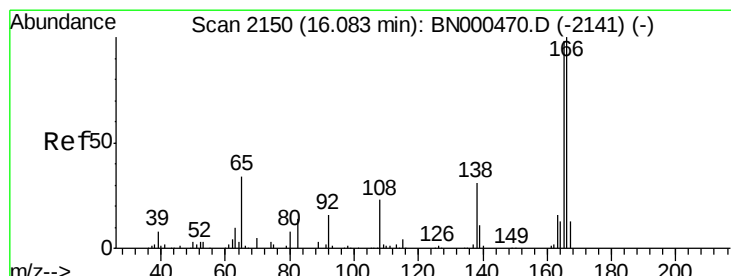
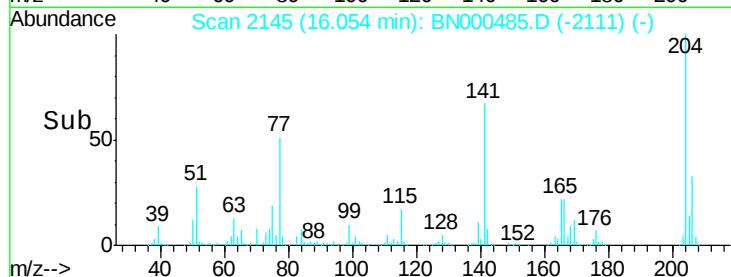
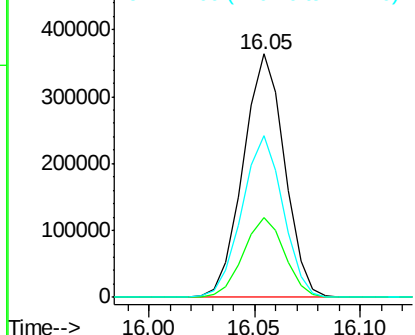
#59
4-Chlorophenyl-phenylether
Concen: 19.454 ng/ul
RT: 16.05 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

Instrument :
BNA_N
ClientSampled :

Tot Ion:204 Resp: 494728
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 66.5 40.7 61.1#

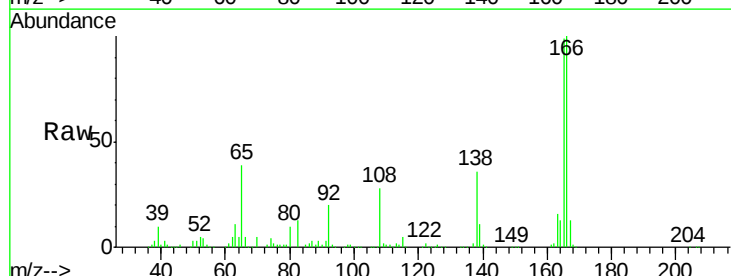


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

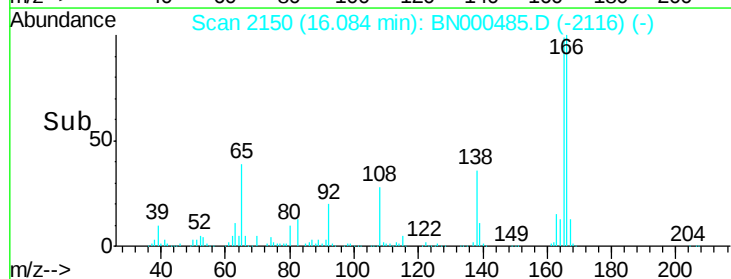
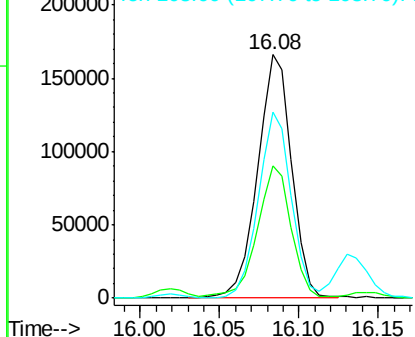


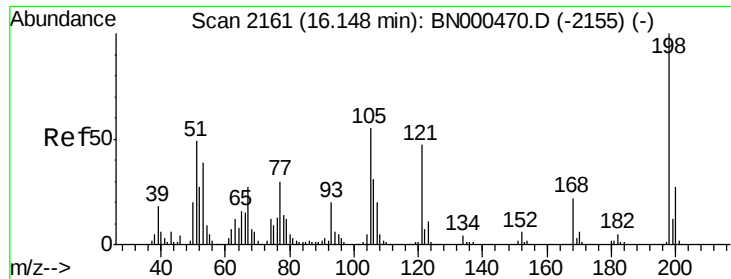
#60
4-Nitroaniline
Concen: 19.862 ng/ul
RT: 16.08 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

Tgt Ion:138 Resp: 248503
Ion Ratio Lower Upper
138 100
92 54.5 38.2 57.4
108 76.3 70.0 105.0



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

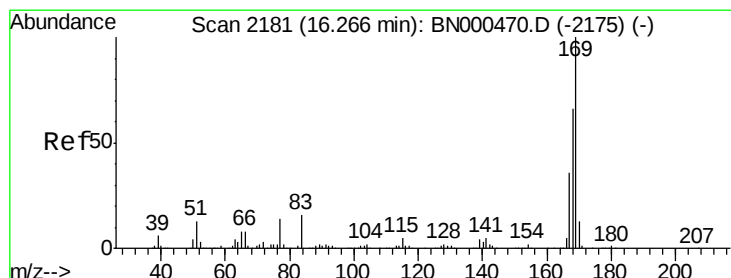
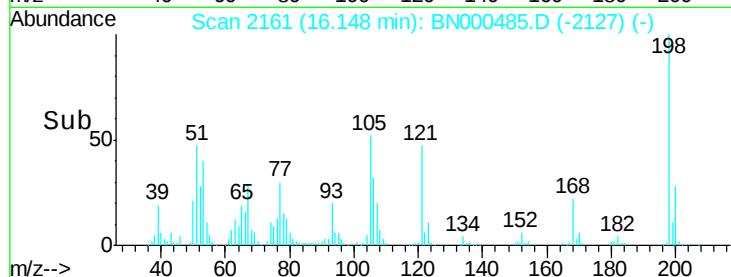
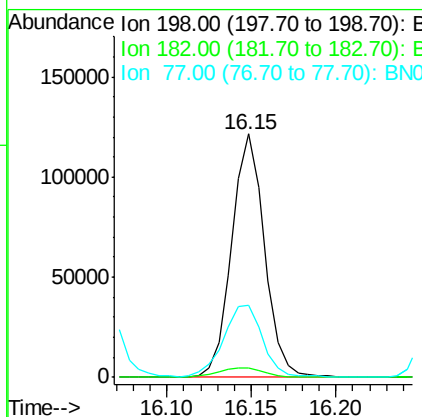
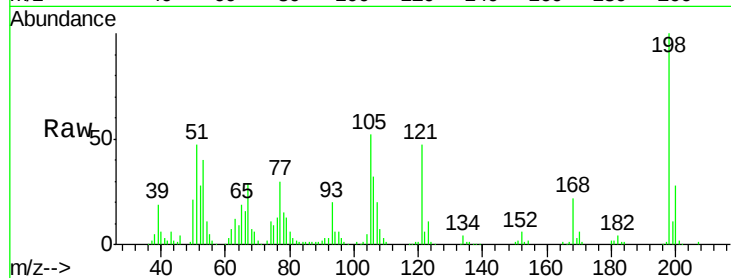




#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.853 ng/ul
 RT: 16.15 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BN000485.D
 Acq: 20 Mar 2018 10:50

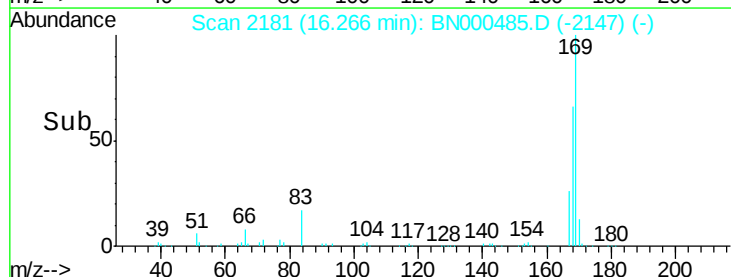
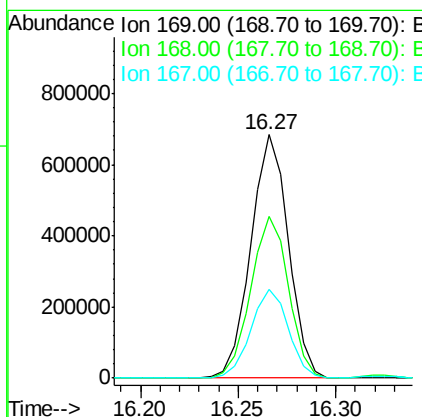
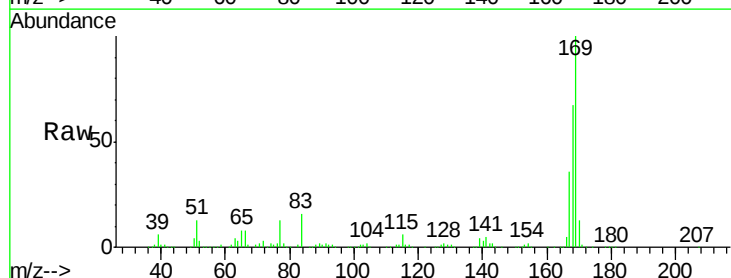
Instrument :
 BNA_N
 ClientSampleId :

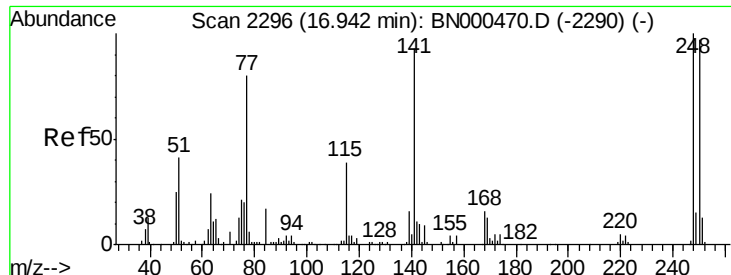
Tot Ion:198 Resp: 164349
 Ion Ratio Lower Upper
 198 100
 182 3.8 3.5 5.3
 77 29.6 18.2 27.4#



#64
 N-Nitrosodiphenylamine
 Concen: 19.242 ng/ul
 RT: 16.27 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BN000485.D
 Acq: 20 Mar 2018 10:50

Tgt Ion:169 Resp: 913992
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.8 80.8
 167 36.3 29.5 44.3

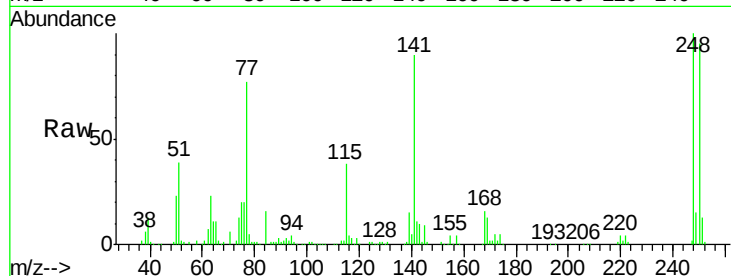




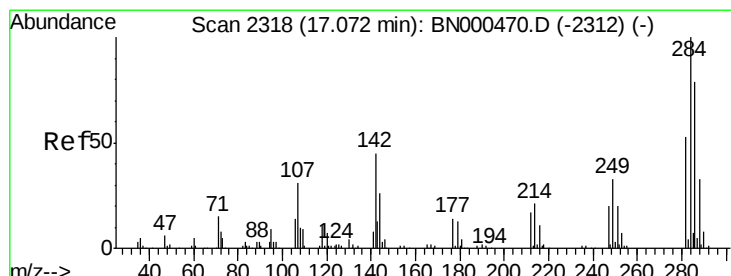
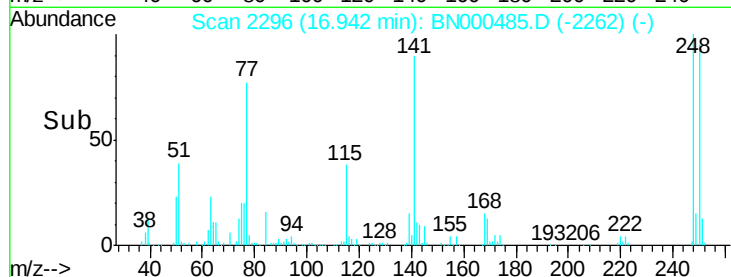
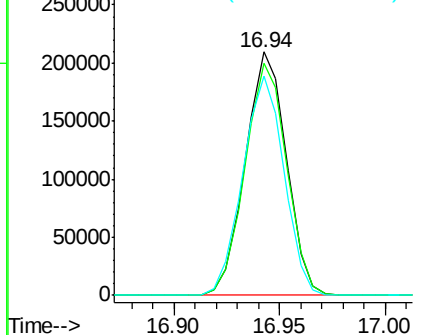
#65
4-Bromophenyl-phenylether
Concen: 19.300 ng/ul
RT: 16.94 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 283643
Ion Ratio Lower Upper
248 100
250 95.5 79.0 118.4
141 90.3 51.9 77.9#

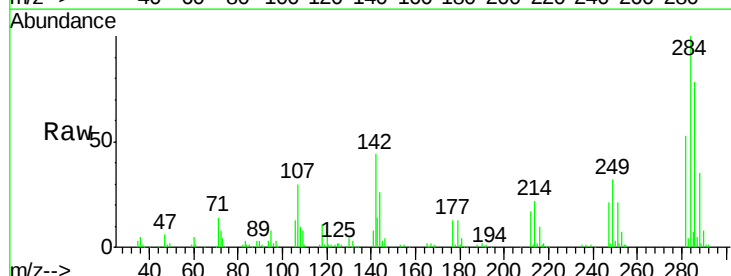


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

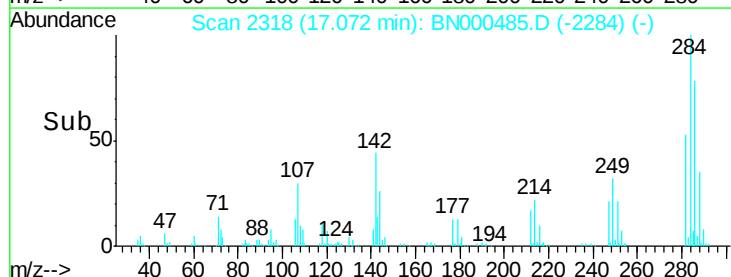
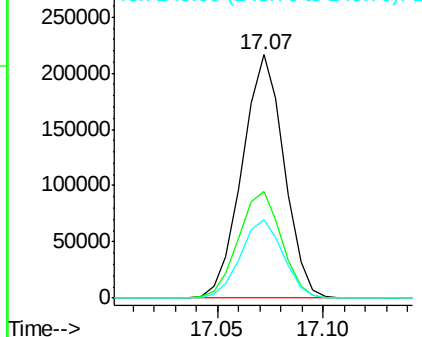


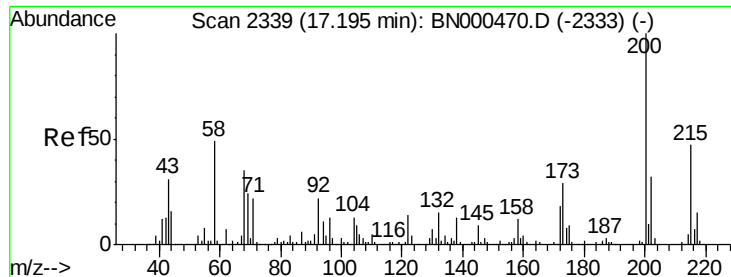
#66
Hexachlorobenzene
Concen: 19.201 ng/ul
RT: 17.07 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BN000485.D
Acq: 20 Mar 2018 10:50

Tgt Ion:284 Resp: 297953
Ion Ratio Lower Upper
284 100
142 44.0 21.3 31.9#
249 32.4 26.3 39.5



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

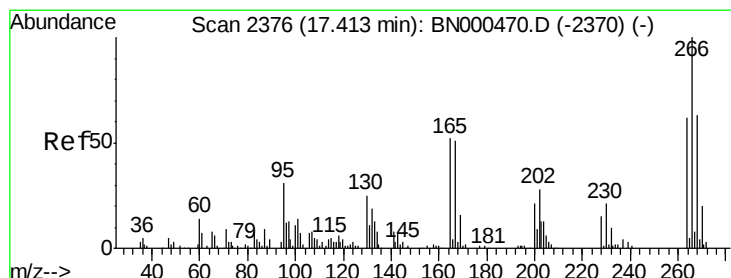
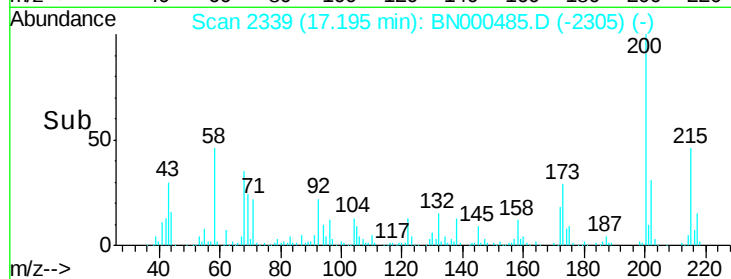
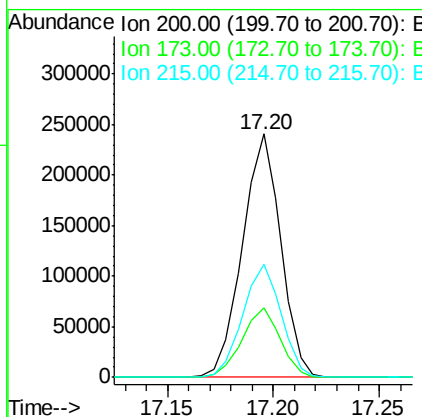
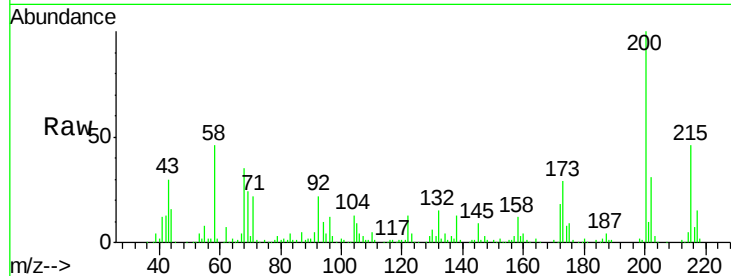




#67
 Atrazine
 Concen: 21.134 ng/ul
 RT: 17.20 min Scan# 2339
 Delta R.T. 0.00 min
 Lab File: BN000485.D
 Acq: 20 Mar 2018 10:50

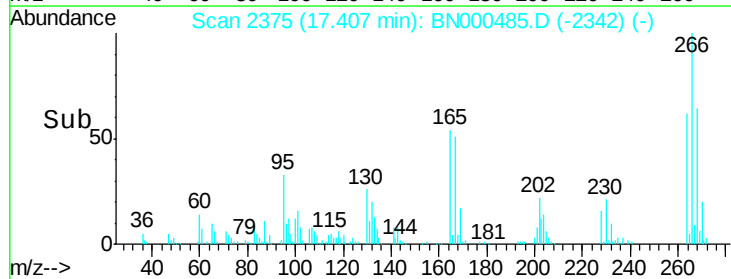
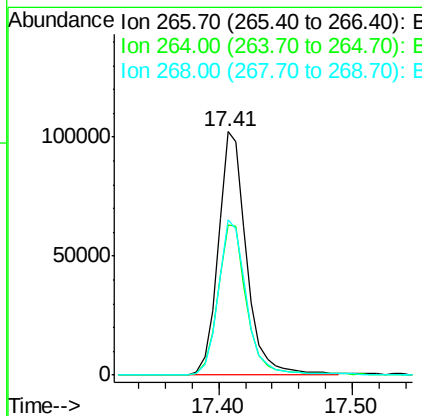
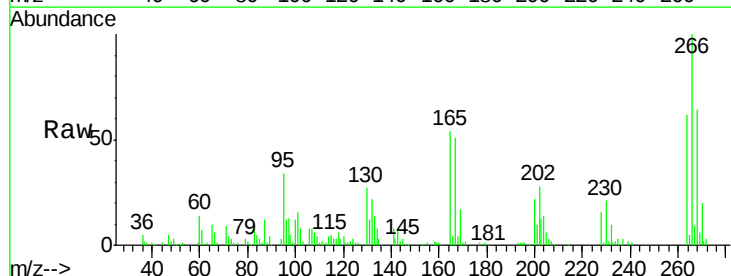
Instrument :
 BNA_N
 ClientSampleId :

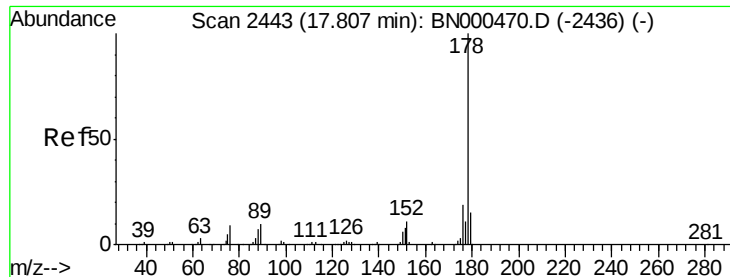
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	20.6	31.0
215	46.2	39.8	59.6



#68
 Pentachlorophenol
 Concen: 18.562 ng/ul
 RT: 17.41 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BN000485.D
 Acq: 20 Mar 2018 10:50

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.6	48.2	72.4
268	63.8	52.3	78.5





#69

Phenanthrene

Concen: 19.198 ng/ul

RT: 17.81 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampled :

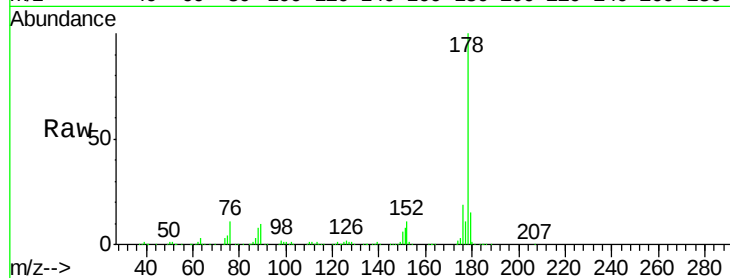
Tot Ion:178 Resp: 1594673

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

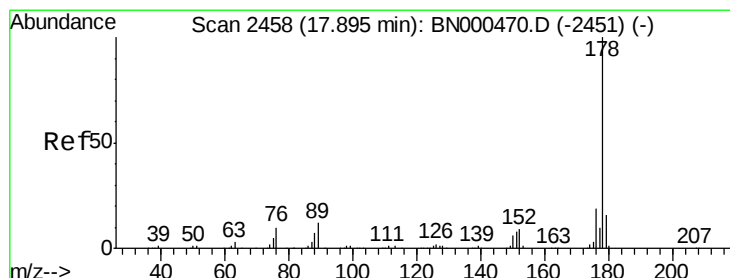
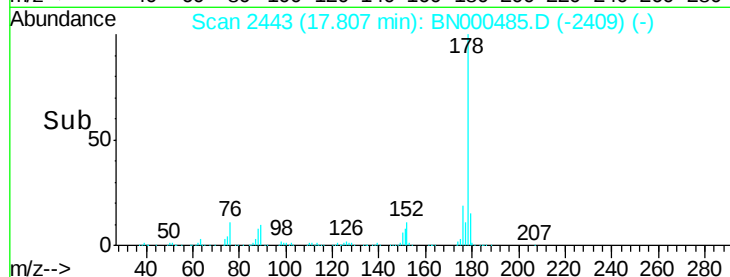
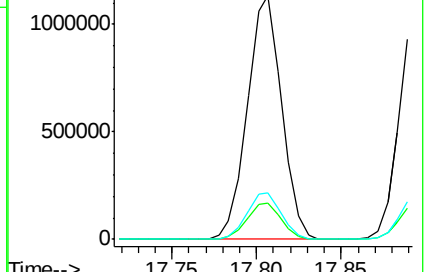
176 19.2 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.176 ng/ul

RT: 17.90 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

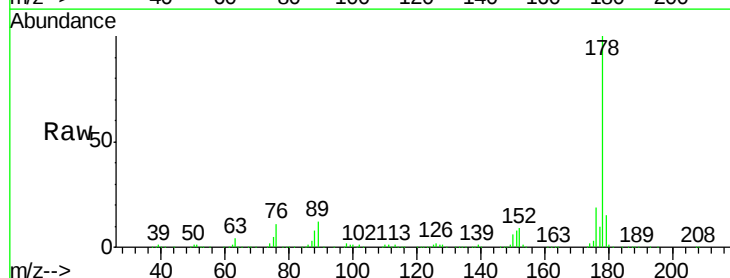
Tgt Ion:178 Resp: 1633219

Ion Ratio Lower Upper

178 100

179 15.4 13.4 20.2

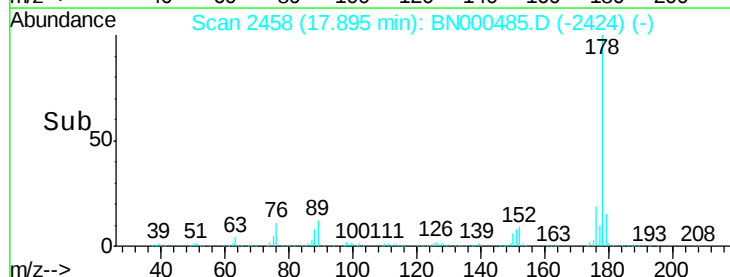
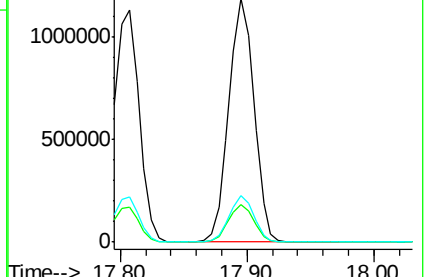
176 18.9 15.4 23.0

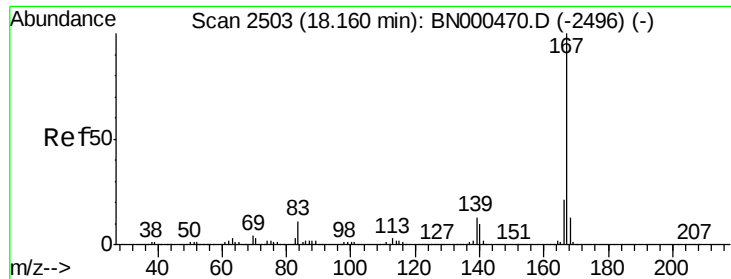


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 19.942 ng/ul

RT: 18.15 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

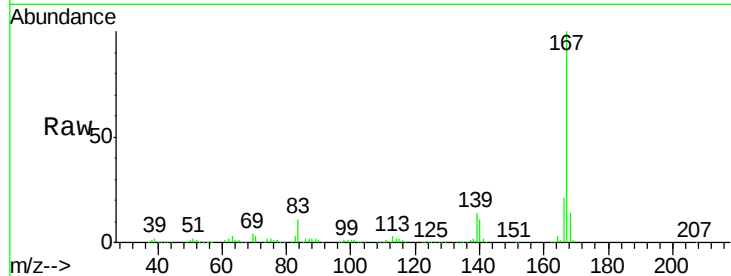
Tot Ion:167 Resp: 1456532

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

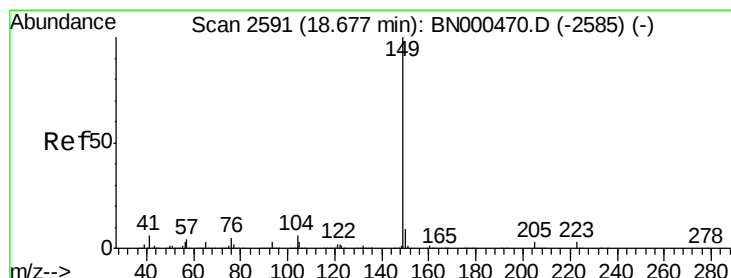
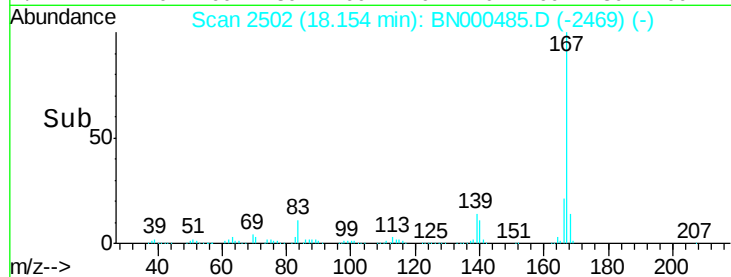
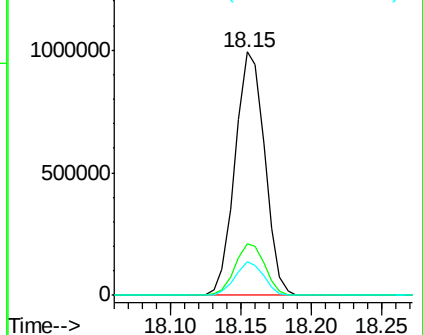
139 13.7 9.1 13.7#



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



#73

Di-n-butylphthalate

Concen: 18.894 ng/ul

RT: 18.68 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

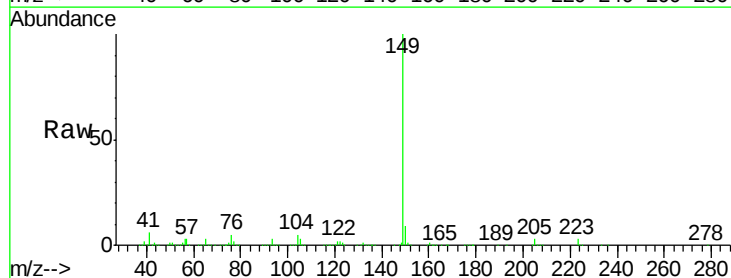
Tgt Ion:149 Resp: 1876581

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

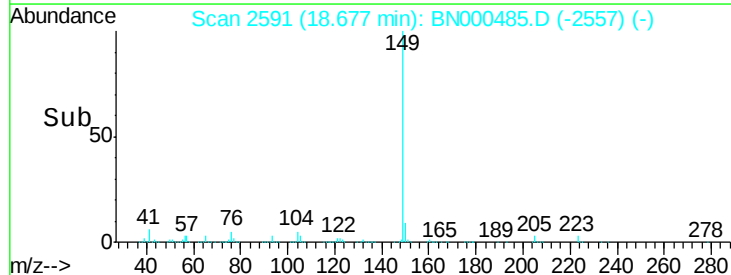
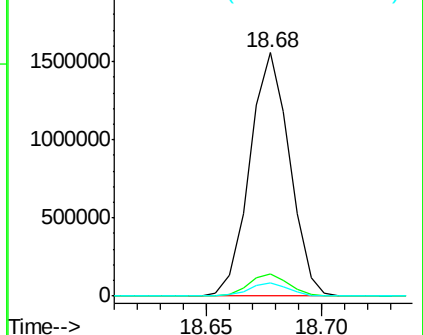
104 5.3 4.1 6.1

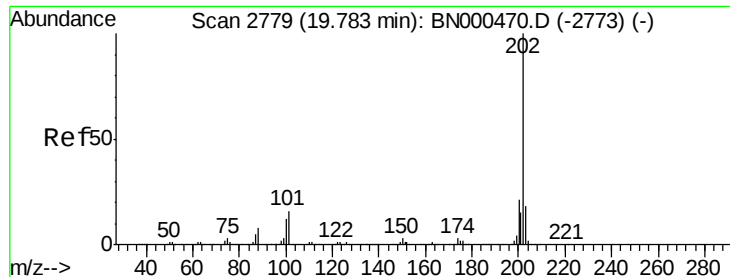


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 19.792 ng/ul

RT: 19.78 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

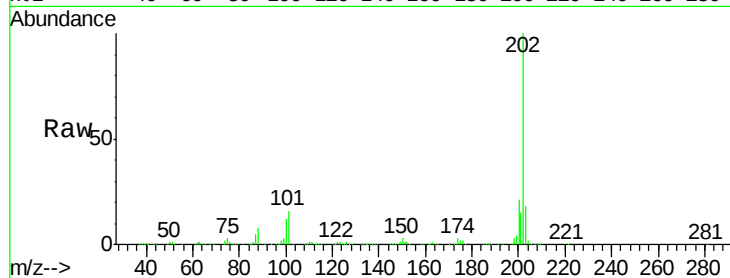
Tot Ion:202 Resp: 1633604

Ion Ratio Lower Upper

202 100

101 16.0 6.1 9.1#

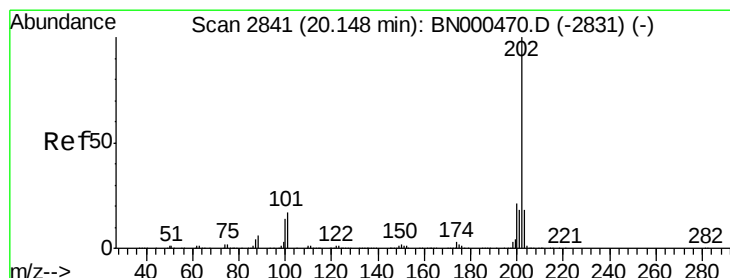
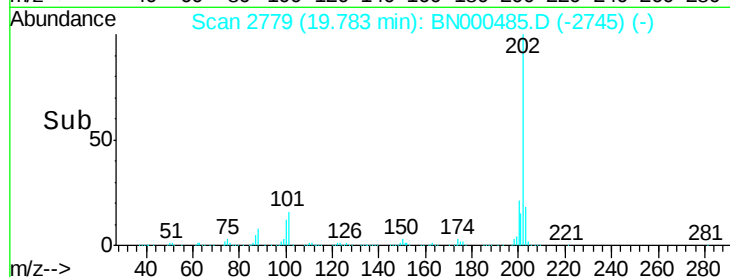
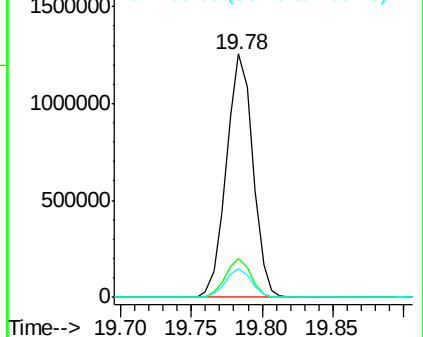
100 11.9 4.6 7.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 20.643 ng/ul

RT: 20.14 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

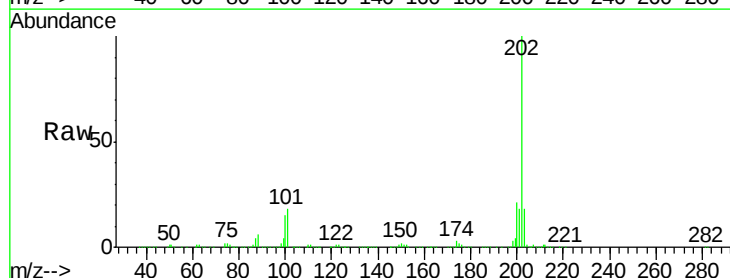
Tgt Ion:202 Resp: 1632494

Ion Ratio Lower Upper

202 100

101 18.4 6.9 10.3#

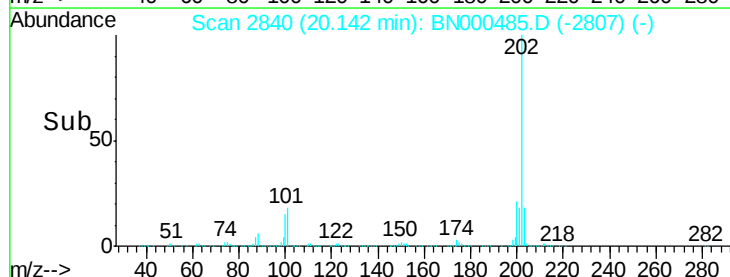
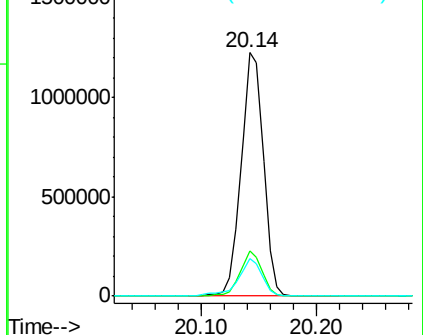
100 15.2 5.6 8.4#

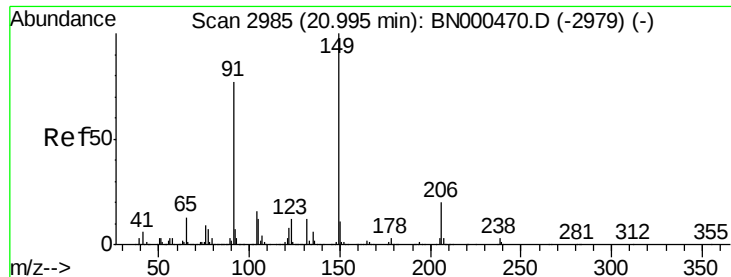


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

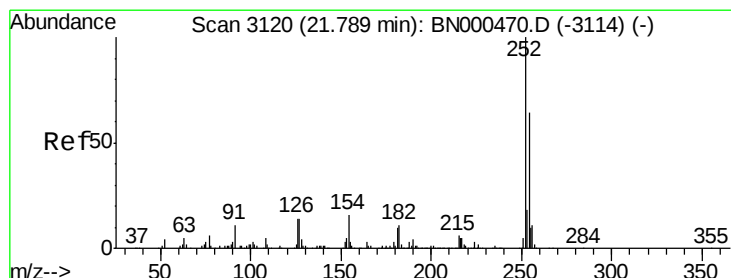
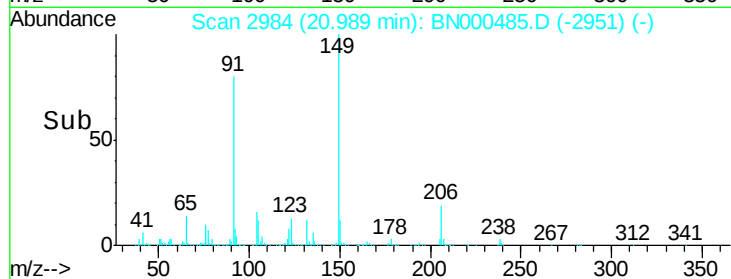
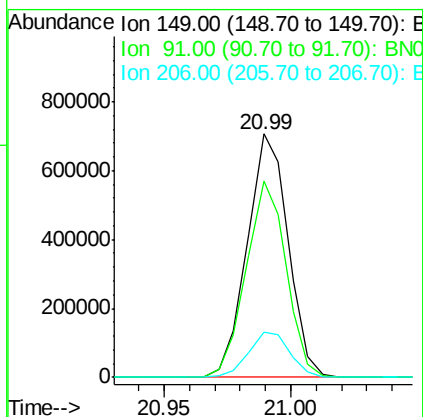
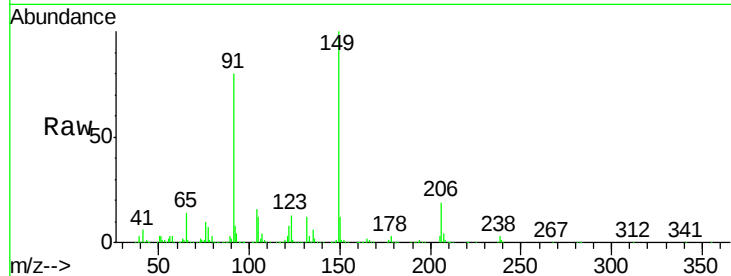




#78
 Butylbenzylphthalate
 Concen: 20.241 ng/ul
 RT: 20.99 min Scan# 2984
 Delta R.T. -0.01 min
 Lab File: BN000485.D
 Acq: 20 Mar 2018 10:50

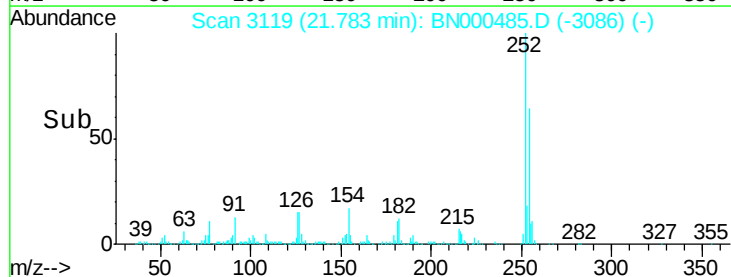
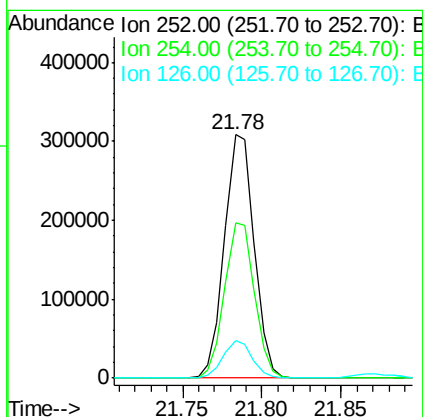
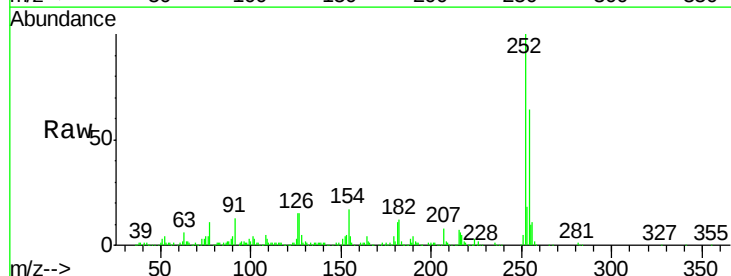
Instrument :
 BNA_N
 ClientSampleId :

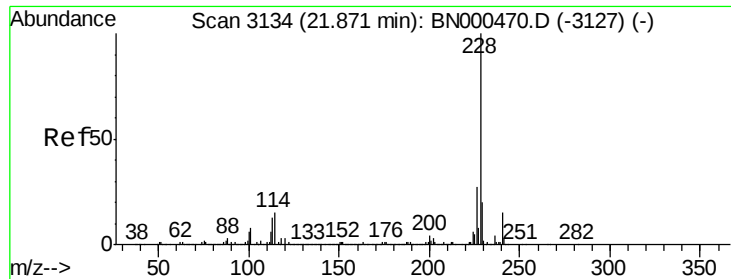
Tot Ion	Ratio	Lower	Upper
149	100		
91	80.5	53.4	80.0#
206	18.7	19.3	28.9#



#79
 3,3'-Dichlorobenzidine
 Concen: 19.058 ng/ul
 RT: 21.78 min Scan# 3119
 Delta R.T. -0.01 min
 Lab File: BN000485.D
 Acq: 20 Mar 2018 10:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.8	79.2
126	15.4	6.9	10.3#





#80

Benzo(a)anthracene

Concen: 18.693 ng/ul

RT: 21.87 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

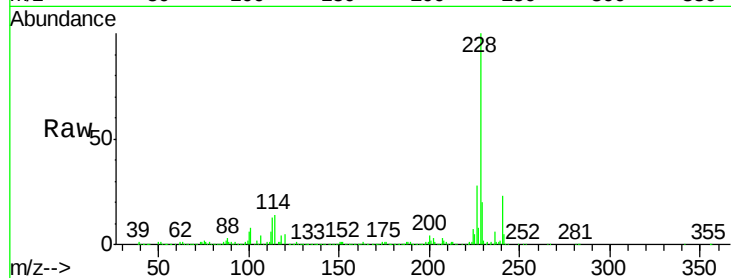
Tot Ion:228 Resp: 1348569

Ion Ratio Lower Upper

228 100

229 20.1 16.0 24.0

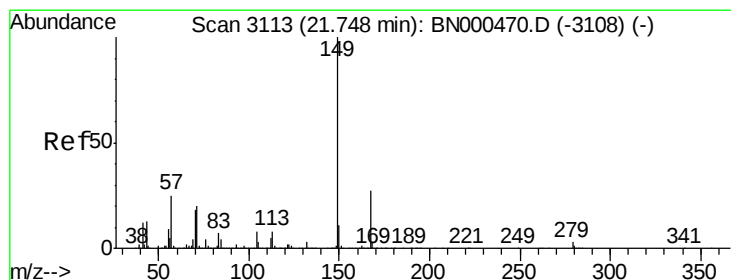
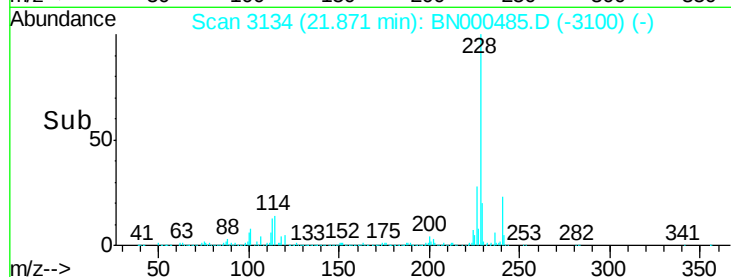
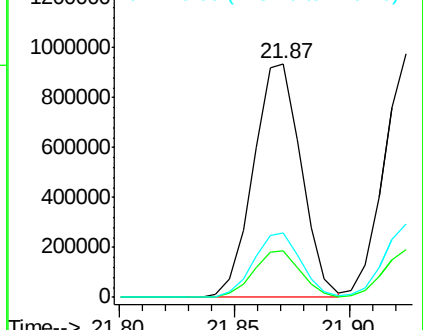
226 27.6 21.8 32.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 19.352 ng/ul

RT: 21.75 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

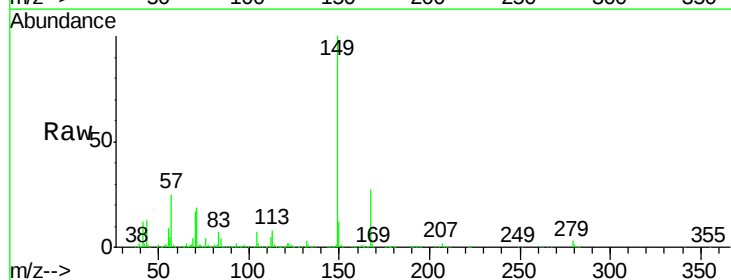
Tgt Ion:149 Resp: 1103649

Ion Ratio Lower Upper

149 100

167 26.9 23.0 34.6

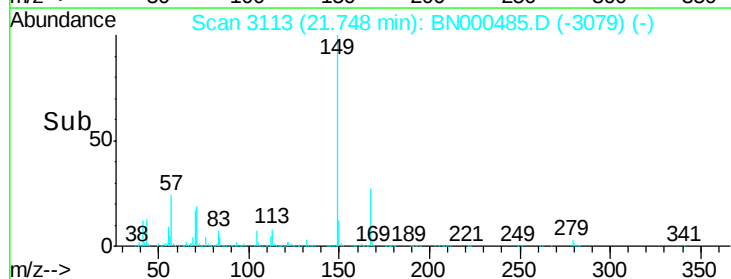
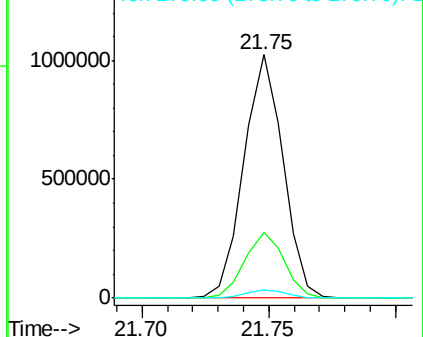
279 3.4 4.3 6.5#

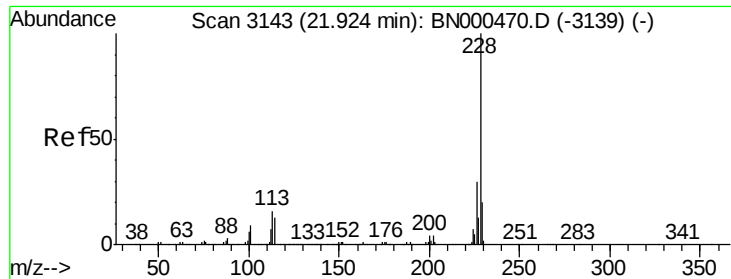


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 18.527 ng/ul

RT: 21.92 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

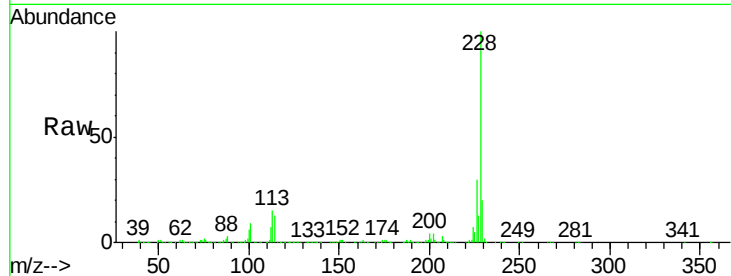
Tot Ion:228 Resp: 1253005

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

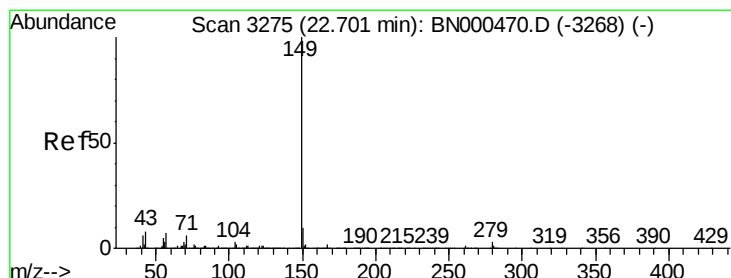
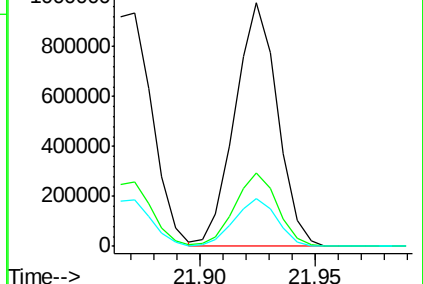
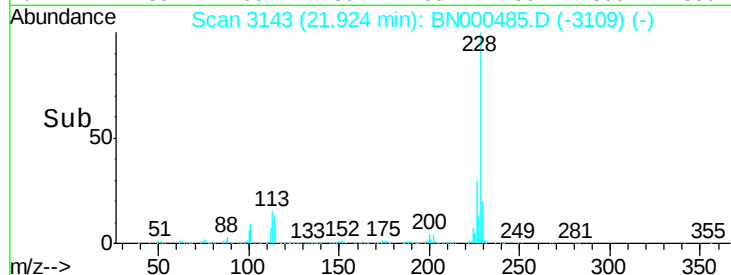
229 19.7 16.0 24.0



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



#84

Di-n-octyl phthalate

Concen: 23.209 ng/ul

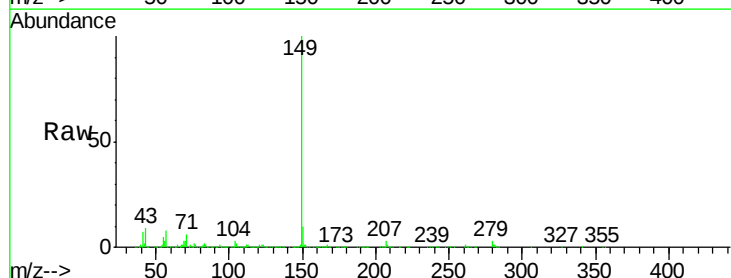
RT: 22.69 min Scan# 3274

Delta R.T. -0.01 min

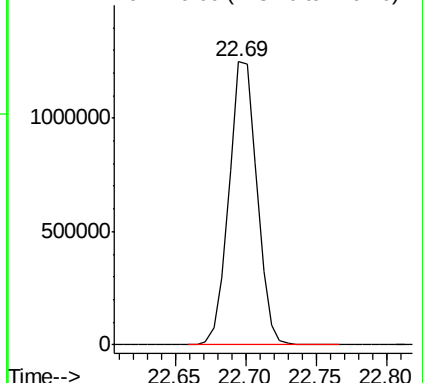
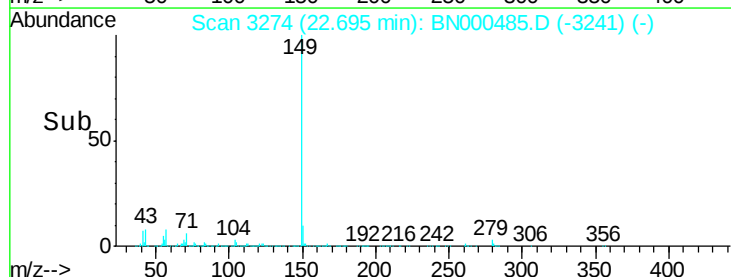
Lab File: BN000485.D

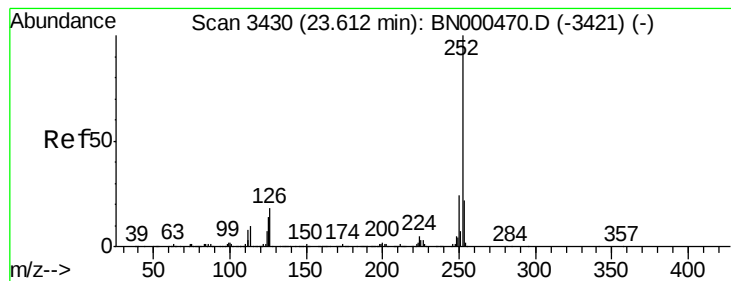
Acq: 20 Mar 2018 10:50

Tgt Ion:149 Resp: 1723181



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 20.063 ng/ul

RT: 23.61 min Scan# 3430

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

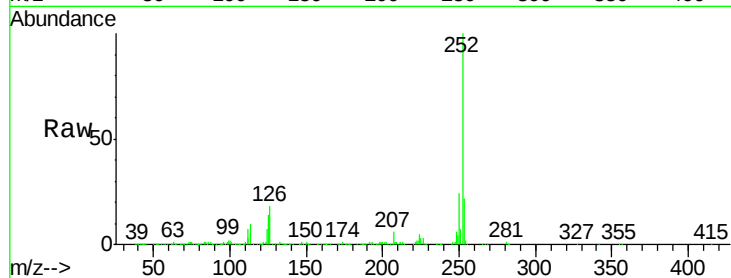
Tot Ion:252 Resp: 1118270

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

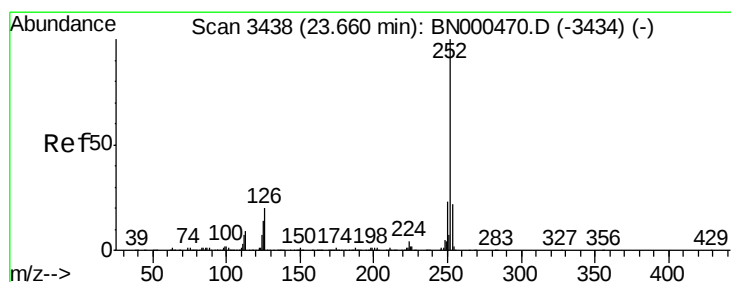
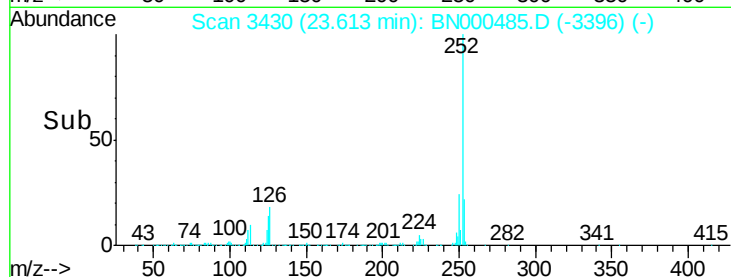
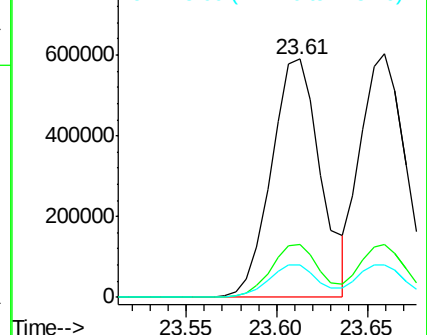
125 13.6 4.9 7.3#



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



#86

Benzo(k)fluoranthene

Concen: 19.243 ng/ul

RT: 23.66 min Scan# 3438

Delta R.T. 0.00 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

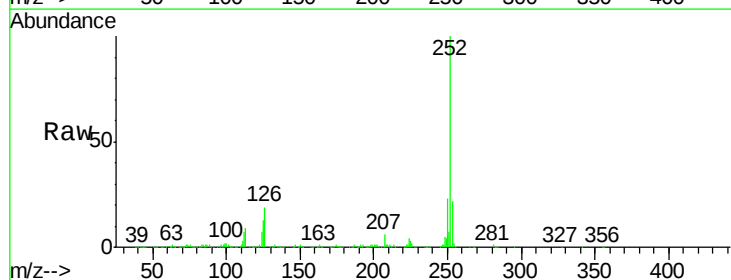
Tgt Ion:252 Resp: 1035463

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

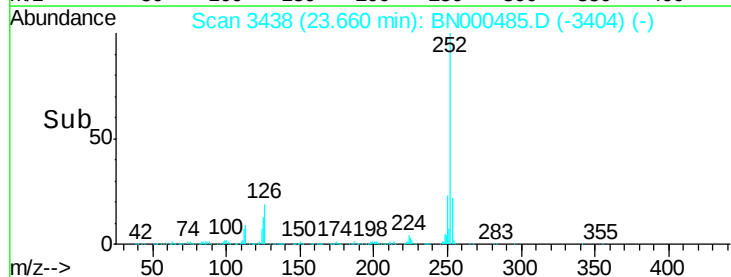
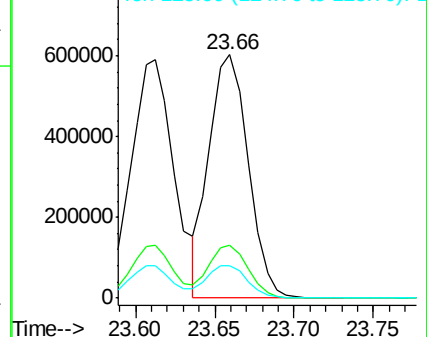
125 13.2 5.4 8.0#

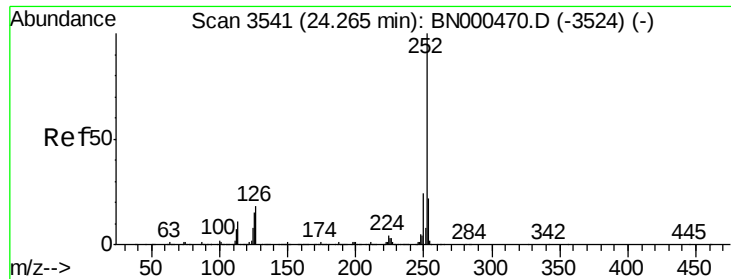


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.299 ng/ul

RT: 24.26 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampleId :

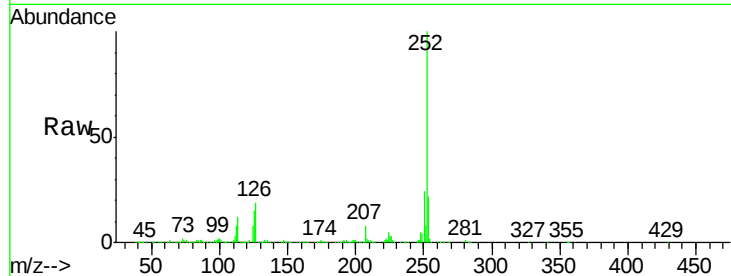
Tot Ion:252 Resp: 1012367

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

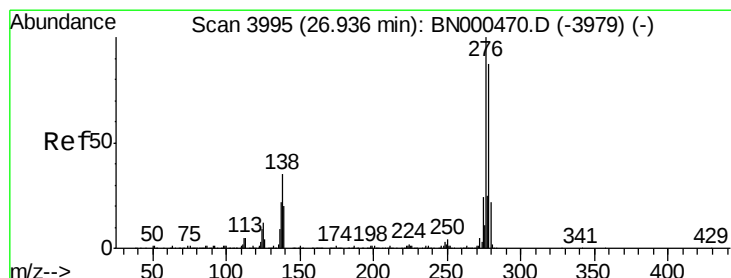
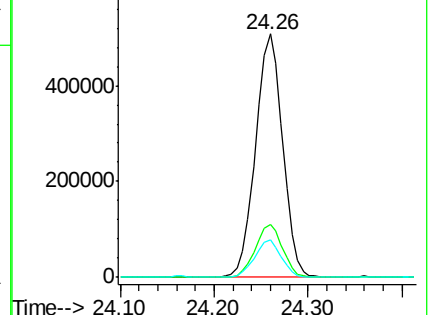
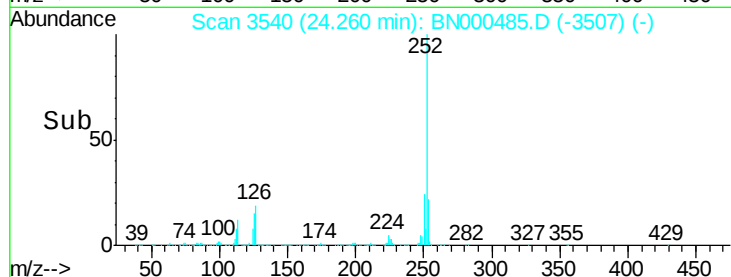
125 15.2 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 18.724 ng/ul

RT: 26.93 min Scan# 3994

Delta R.T. -0.01 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

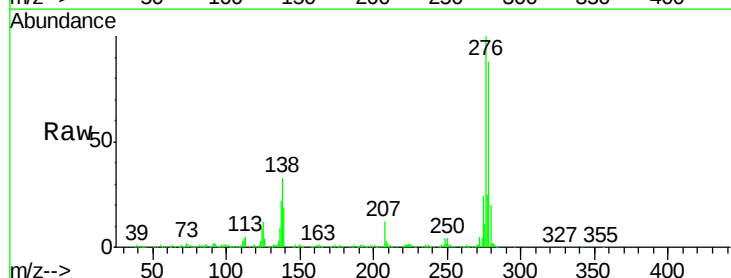
Tgt Ion:276 Resp: 1059105

Ion Ratio Lower Upper

276 100

138 33.5 10.9 16.3#

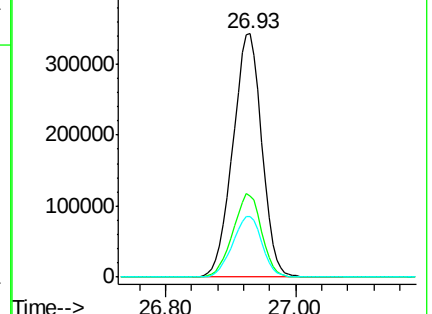
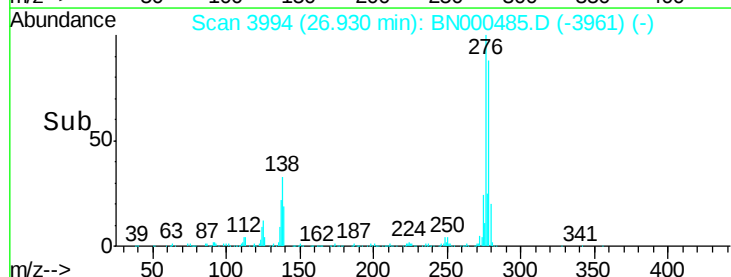
277 25.0 18.9 28.3

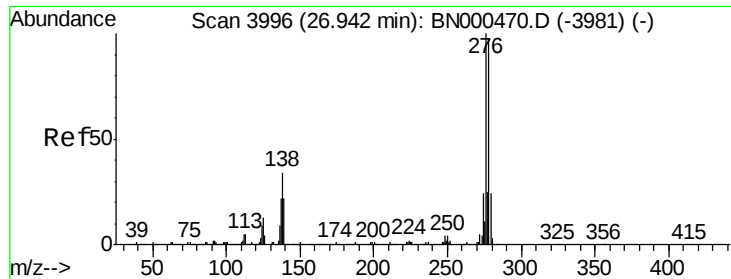


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 18.783 ng/ul

RT: 26.94 min Scan# 3995

Delta R.T. -0.01 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

Instrument :

BNA_N

ClientSampled :

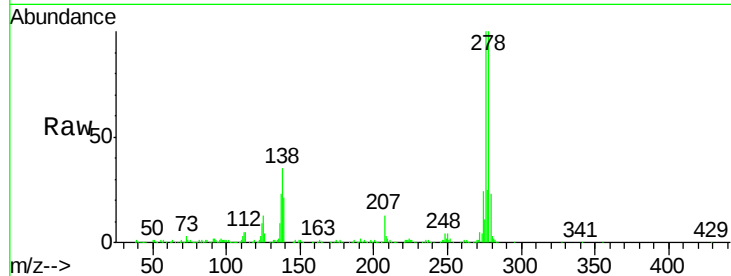
Tot Ion:278 Resp: 885083

Ion Ratio Lower Upper

278 100

139 20.8 9.0 13.4#

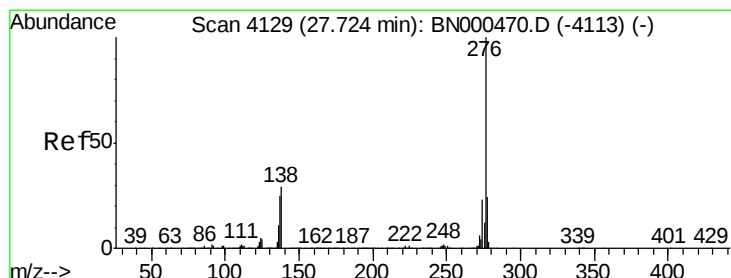
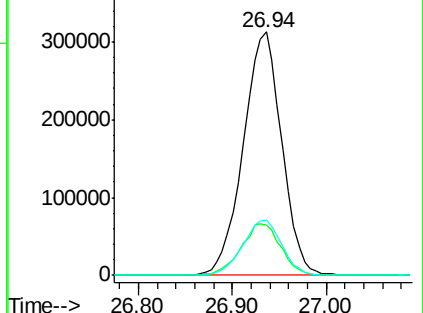
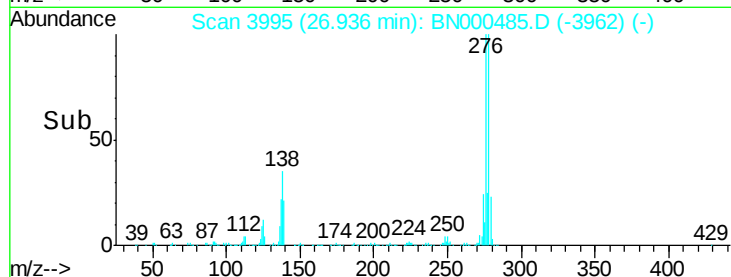
279 23.0 19.1 28.7



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



#91

Benzo(g,h,i)perylene

Concen: 18.671 ng/ul

RT: 27.72 min Scan# 4128

Delta R.T. -0.01 min

Lab File: BN000485.D

Acq: 20 Mar 2018 10:50

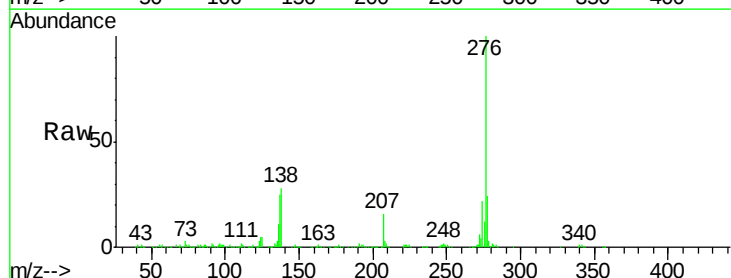
Tgt Ion:276 Resp: 877644

Ion Ratio Lower Upper

276 100

138 28.5 11.2 16.8#

277 23.8 19.0 28.6



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

