

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
 Data File : BM019948.D
 Acq On : 17 Apr 2019 21:04
 Operator : JU/SJ
 Sample : K2422-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 18 01:12:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	156416	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	602291	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	293488	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	520522	20.00	ng	0.00
76) Chrysene-d12	21.17	240	460184	20.00	ng	0.00
87) Perylene-d12	23.37	264	619358	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1237020	128.17	ng	0.00
7) Phenol-d6	6.72	99	1708015	117.59	ng	0.00
23) Nitrobenzene-d5	8.70	82	1076578	79.94	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	478316	101.24	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1814507	77.05	ng	0.00
79) Terphenyl-d14	19.60	244	1667736	63.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	119249	28.632	ng	99
3) Pyridine	3.52	79	309819	26.562	ng	99
4) n-Nitrosodimethylamine	3.44	42	115912	30.849	ng	96
6) Aniline	6.88	93	188094	10.026	ng	97
8) 2-Chlorophenol	7.10	128	361590	30.122	ng	98
9) Benzaldehyde	6.70	77	136787	13.371	ng	98
10) Phenol	6.75	94	488140	30.759	ng	97
11) bis(2-Chloroethyl)ether	6.98	93	328921	28.328	ng	97
12) 1,3-Dichlorobenzene	7.41	146	372689	29.574	ng	96
13) 1,4-Dichlorobenzene	7.56	146	384272	30.054	ng	99
14) 1,2-Dichlorobenzene	7.87	146	373293	29.444	ng	99
15) Benzyl Alcohol	7.79	79	358620	27.158	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.06	45	307547	27.785	ng	99
17) 2-Methylphenol	7.99	107	297526	28.327	ng	98
18) Hexachloroethane	8.57	117	146122	29.400	ng	96
19) n-Nitroso-di-n-propylamine	8.34	70	312349	24.463	ng	98
20) 3+4-Methylphenols	8.32	107	393432	27.268	ng	98
22) Acetophenone	8.36	105	534469	32.580	ng	# 99
24) Nitrobenzene	8.74	77	451456	32.359	ng	99
25) Isophorone	9.26	82	753533	28.743	ng	99
26) 2-Nitrophenol	9.45	139	181552	30.537	ng	99
27) 2,4-Dimethylphenol	9.50	122	301592	35.877	ng	99
28) bis(2-Chloroethoxy)methane	9.74	93	437873	29.827	ng	100
29) 2,4-Dichlorophenol	9.98	162	298721	31.289	ng	95
30) 1,2,4-Trichlorobenzene	10.17	180	336689	32.765	ng	99
31) Naphthalene	10.35	128	1029055	31.854	ng	99
32) Benzoic acid	9.68	122	123555	19.027	ng	96
33) 4-Chloroaniline	10.52	127	52952	3.979	ng	98
34) Hexachlorobutadiene	10.60	225	193299	31.895	ng	99
35) Caprolactam	11.33	113	64825	17.938	ng	96
36) 4-Chloro-3-methylphenol	11.63	107	321971	27.141	ng	99
37) 2-Methylnaphthalene	11.97	142	704720	29.963	ng	99
38) 1-Methylnaphthalene	12.20	142	667438	28.741	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.35	216	327281	36.148	ng	100

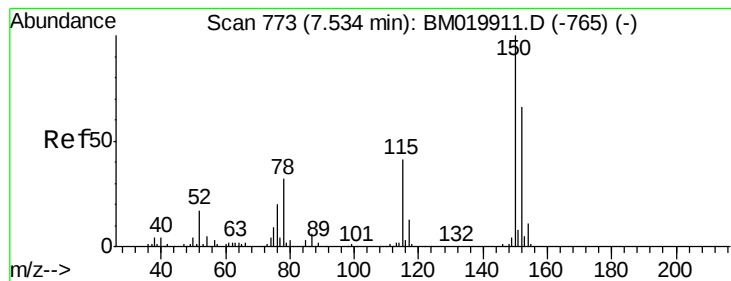
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041719\
 Data File : BM019948.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 16:16:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.30	237	168361	56.529	ng	99
43) 2,4,6-Trichlorophenol	12.62	196	209360	34.107	ng	100
44) 2,4,5-Trichlorophenol	12.70	196	204382	31.991	ng	99
46) 1,1'-Biphenyl	13.02	154	883214	34.745	ng	99
47) 2-Chloronaphthalene	13.06	162	669360	34.522	ng	100
48) 2-Nitroaniline	13.30	65	209246	29.939	ng	97
49) Acenaphthylene	13.91	152	1044426	30.958	ng	100
50) Dimethylphthalate	13.66	163	1107584	42.785	ng	99
51) 2,6-Dinitrotoluene	13.80	165	164881	28.803	ng	90
52) Acenaphthene	14.26	154	596962	31.914	ng	97
53) 3-Nitroaniline	14.15	138	50103	8.765	ng	97
54) 2,4-Dinitrophenol	14.38	184	54331	21.886	ng	96
55) Dibenzofuran	14.60	168	943877	30.858	ng	100
56) 4-Nitrophenol	14.48	139	200833	47.126	ng	98
57) 2,4-Dinitrotoluene	14.61	165	218881	26.600	ng	100
58) Fluorene	15.25	166	738807	28.505	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.83	232	168105	28.838	ng	100
60) Diethylphthalate	15.03	149	776122	28.826	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	368805	29.554	ng	96
62) 4-Nitroaniline	15.33	138	109082	19.369	ng	97
63) Azobenzene	15.55	77	845738	29.390	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	54847	16.515	ng	93
66) n-Nitrosodiphenylamine	15.47	169	610180	35.857	ng	99
67) 4-Bromophenyl-phenylether	16.15	248	202389	33.819	ng	96
68) Hexachlorobenzene	16.25	284	235860	32.846	ng	99
69) Atrazine	16.44	200	190134	32.913	ng	98
70) Pentachlorophenol	16.62	266	229270	62.489	ng	99
71) Phenanthrene	17.00	178	981609	31.778	ng	100
72) Anthracene	17.09	178	981343	31.916	ng	100
73) Carbazole	17.38	167	855674	29.806	ng	100
74) Di-n-butylphthalate	17.92	149	1156162	30.666	ng	99
75) Fluoranthene	19.03	202	991422	27.890	ng	99
77) Benzidine	19.24	184	426701	33.606	ng	99
78) Pyrene	19.40	202	1011755	33.200	ng	100
80) Butylbenzylphthalate	20.30	149	473761	32.066	ng	99
81) Benzo(a)anthracene	21.16	228	988423	33.907	ng	100
82) 3,3'-Dichlorobenzidine	21.10	252	203898	18.799	ng	98
83) Chrysene	21.21	228	989714	35.402	ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	705785	32.087	ng	99
85) Di-n-octyl phthalate	21.94	149	1278000	35.808	ng	100
86) Indeno(1,2,3-cd)pyrene	25.57	276	1675140	60.911	ng	99
88) Benzo(b)fluoranthene	22.71	252	1212489	29.482	ng	99
89) Benzo(k)fluoranthene	22.75	252	1237358	31.958	ng	99
90) Benzo(a)pyrene	23.27	252	1229719	33.746	ng	98
91) Dibenzo(a,h)anthracene	25.57	278	1426051	40.590	ng	99
92) Benzo(g,h,i)perylene	26.25	276	1355674	42.603	ng	100

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

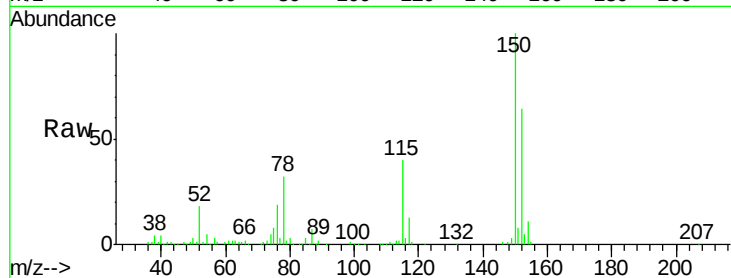


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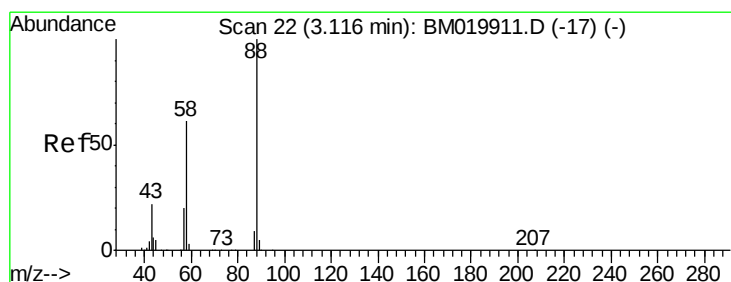
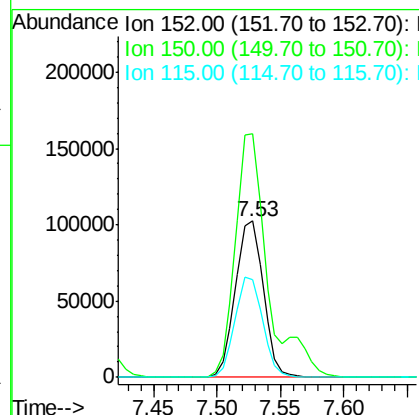
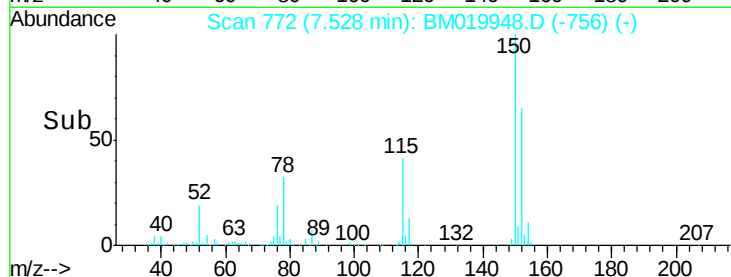
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 772
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 156416
Ion Ratio Lower Upper
152 100
150 156.0 122.1 183.1
115 62.9 50.0 75.0



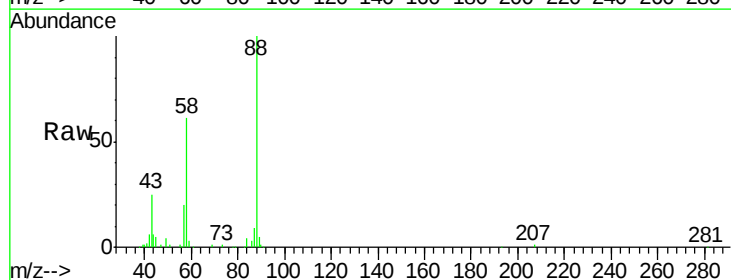
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



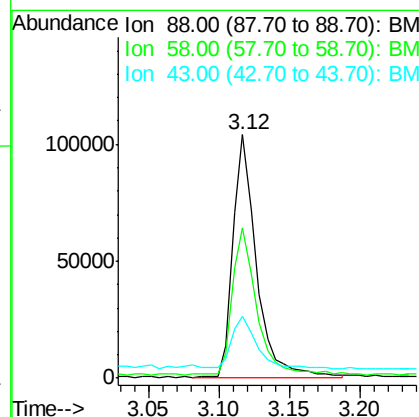
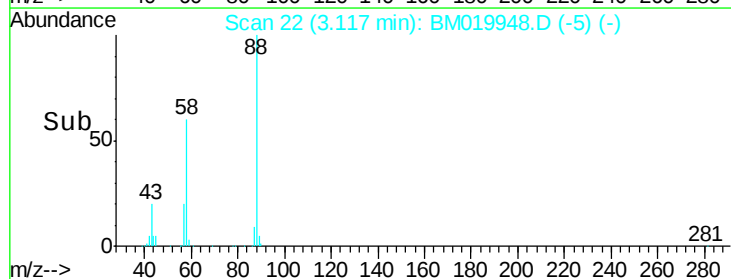
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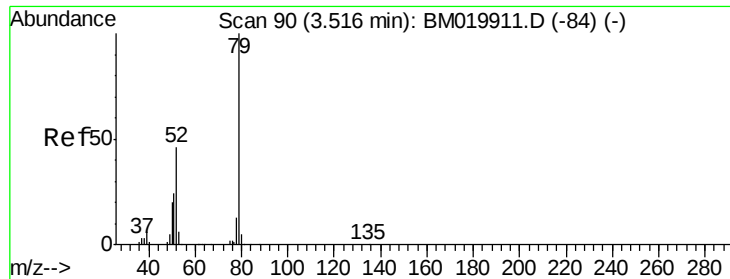
1,4-Dioxane
Concen: 28.632 ng
RT: 3.12 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion: 88 Resp: 119249
Ion Ratio Lower Upper
88 100
58 62.5 49.6 74.4
43 24.3 18.6 27.8



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 26.562 ng

RT: 3.52 min Scan# 90

Delta R.T. 0.00 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

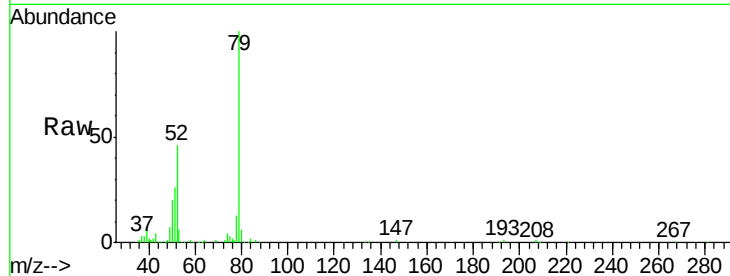
Tot Ion: 79 Resp: 309819

Ion Ratio Lower Upper

79 100

52 46.0 36.9 55.3

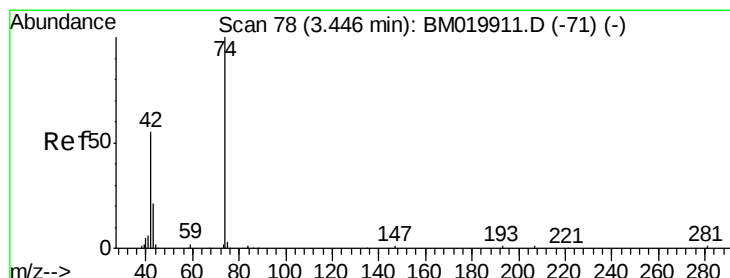
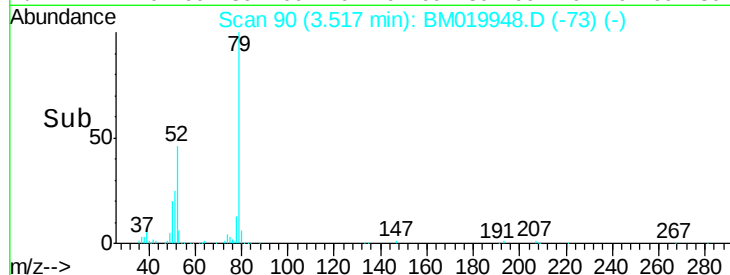
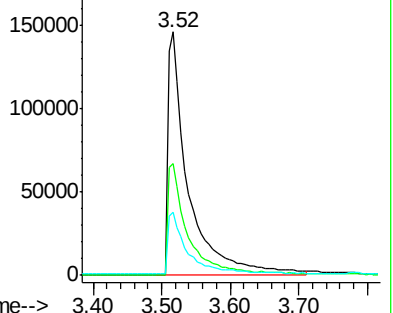
51 26.1 20.0 30.0



Abundance Ion 79.00 (78.70 to 79.70): BM019948.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019948.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019948.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 30.849 ng

RT: 3.44 min Scan# 77

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

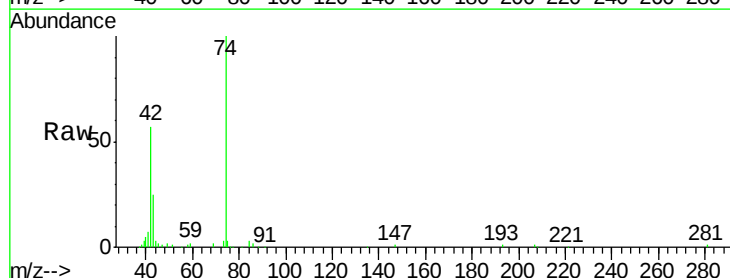
Tgt Ion: 42 Resp: 115912

Ion Ratio Lower Upper

42 100

74 174.8 144.6 217.0

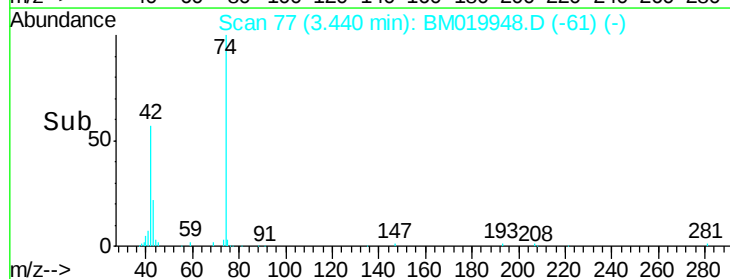
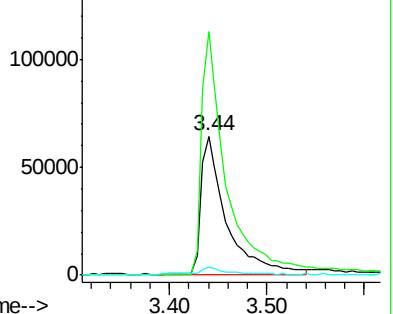
44 5.6 5.4 8.2

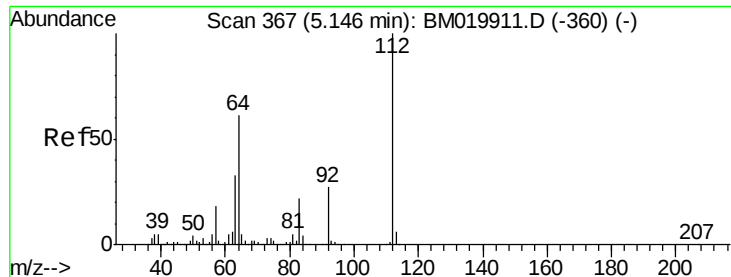


Abundance Ion 42.00 (41.70 to 42.70): BM019948.D (-61) (-)

Ion 74.00 (73.70 to 74.70): BM019948.D (-61) (-)

Ion 44.00 (43.70 to 44.70): BM019948.D (-61) (-)

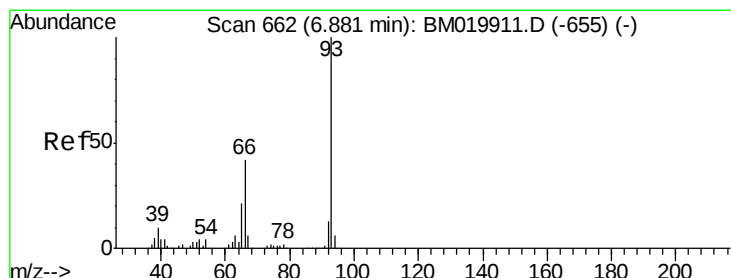
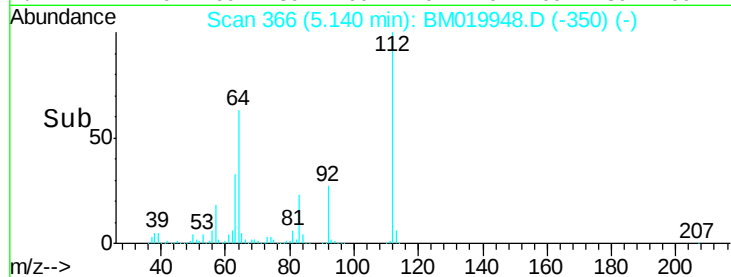
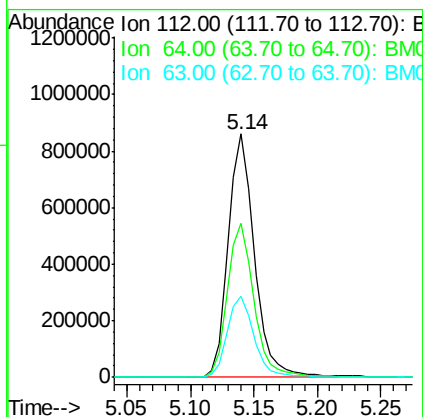
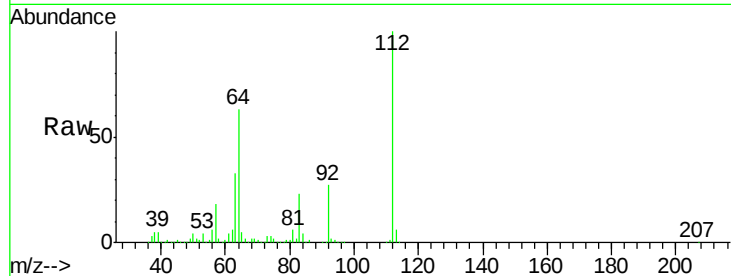




#5
2-Fluorophenol
Concen: 128.169 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

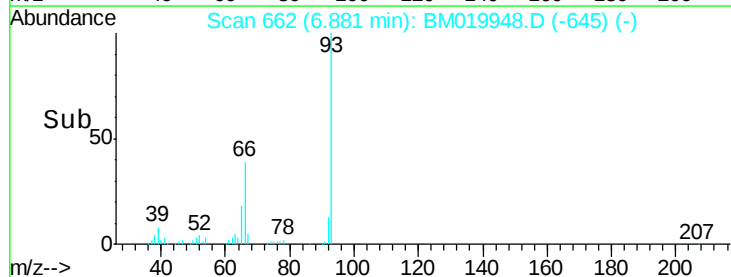
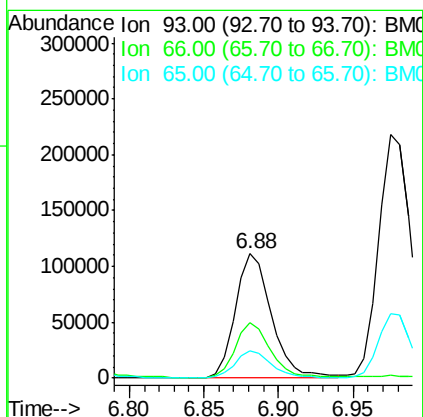
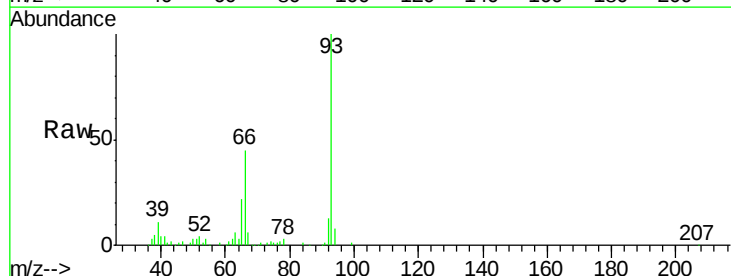
Instrument :
BNA_M
ClientSampled :

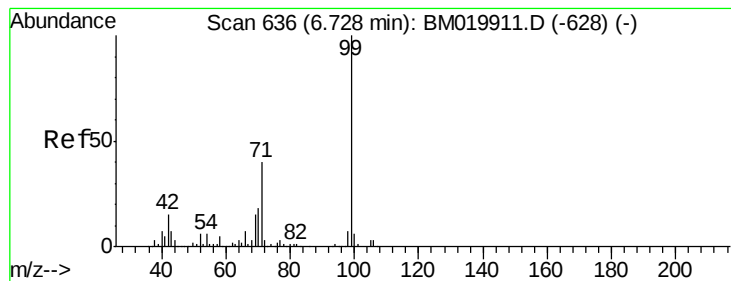
Tot Ion:112 Resp: 1237020
Ion Ratio Lower Upper
112 100
64 63.5 49.1 73.7
63 33.5 26.5 39.7



#6
Aniline
Concen: 10.026 ng
RT: 6.88 min Scan# 662
Delta R.T. 0.00 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion: 93 Resp: 188094
Ion Ratio Lower Upper
93 100
66 44.6 33.9 50.9
65 22.2 17.0 25.6





#7

Phenol-d6

Concen: 117.589 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampled :

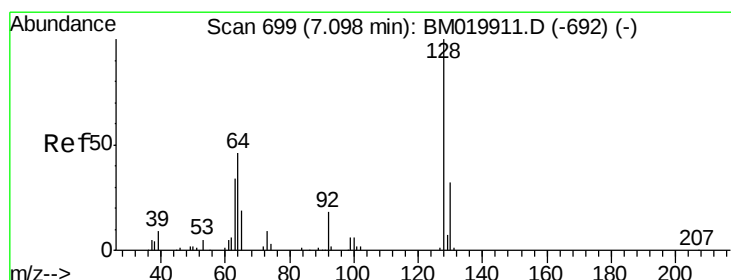
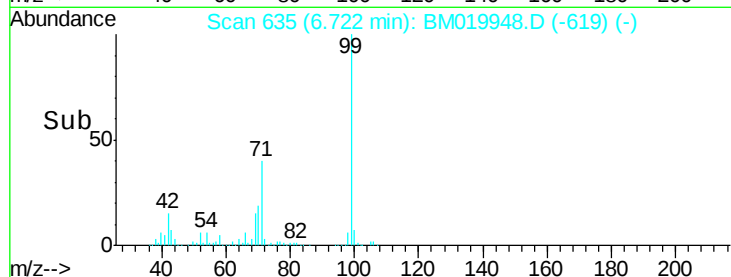
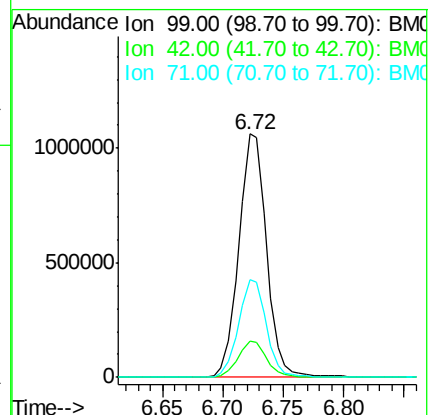
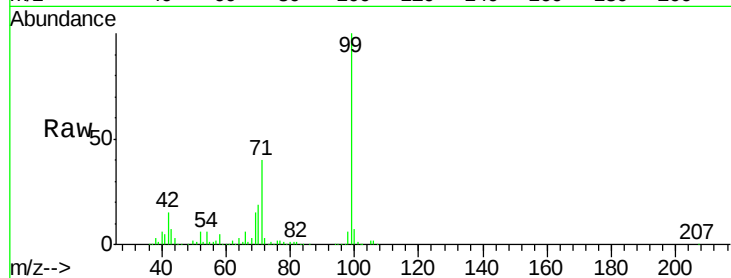
Tot Ion: 99 Resp: 1708015

Ion Ratio Lower Upper

99 100

42 14.9 11.8 17.8

71 40.4 32.0 48.0



#8

2-Chlorophenol

Concen: 30.122 ng

RT: 7.10 min Scan# 699

Delta R.T. 0.00 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

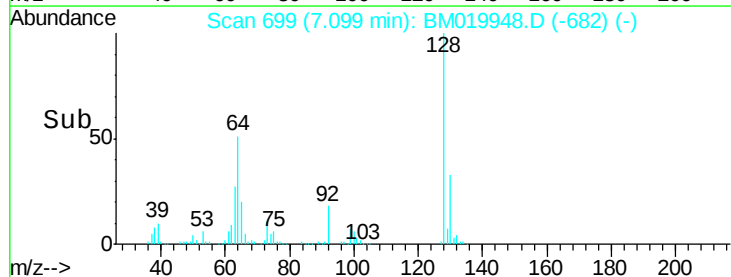
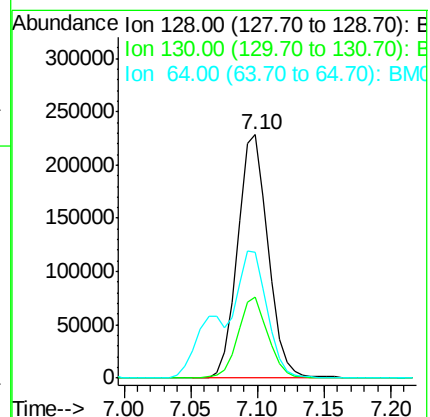
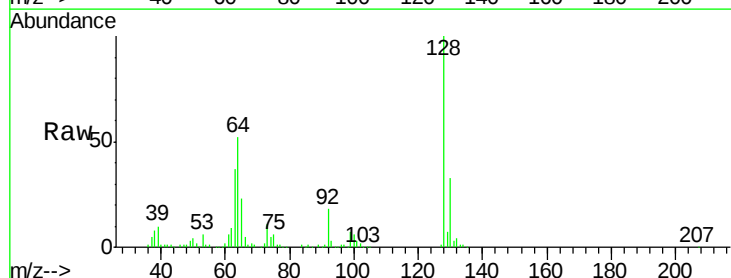
Tgt Ion:128 Resp: 361590

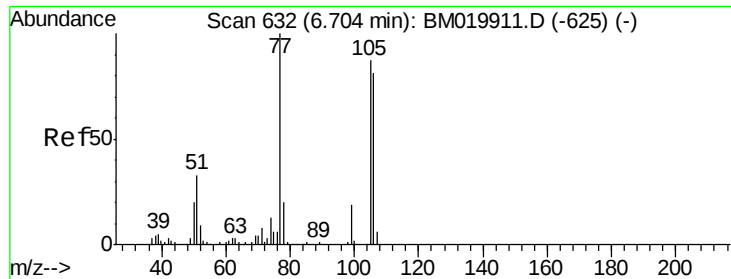
Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

64 51.6 33.0 73.0





#9

Benzaldehyde

Concen: 13.371 ng

RT: 6.70 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampled :

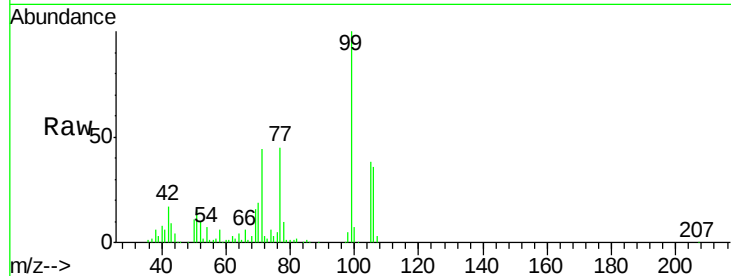
Tot Ion: 77 Resp: 136787

Ion Ratio Lower Upper

77 100

105 84.0 67.3 107.3

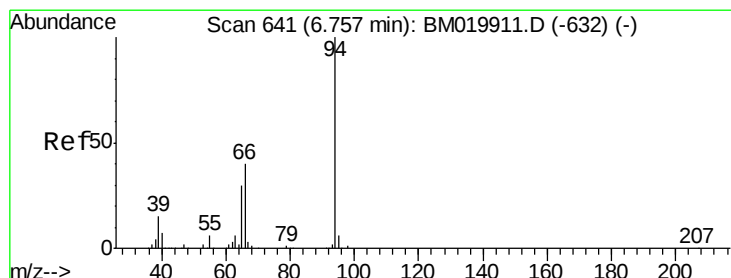
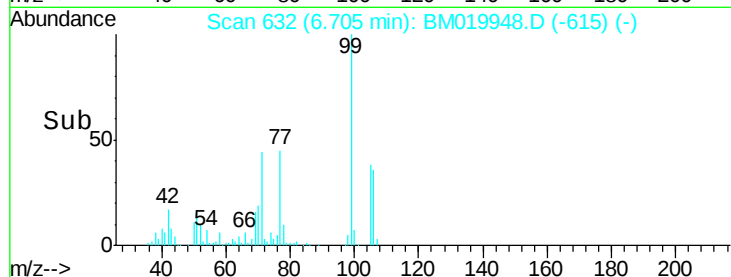
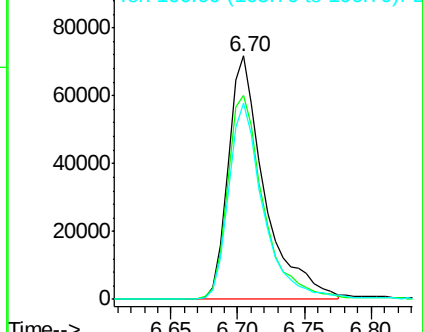
106 80.9 60.6 100.6



Abundance Ion 77.00 (76.70 to 77.70): BM019948.D (-615) (-)

Ion 105.00 (104.70 to 105.70): BM019948.D (-615) (-)

Ion 106.00 (105.70 to 106.70): BM019948.D (-615) (-)



#10

Phenol

Concen: 30.759 ng

RT: 6.75 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

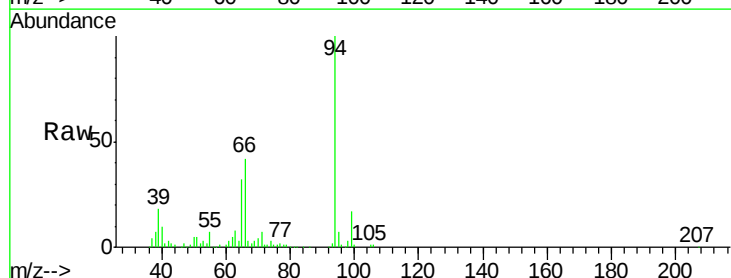
Tgt Ion: 94 Resp: 488140

Ion Ratio Lower Upper

94 100

65 31.5 10.0 50.0

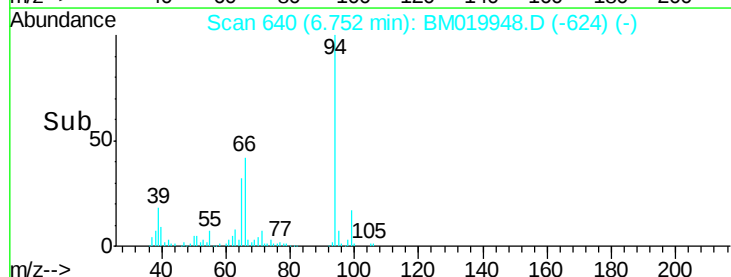
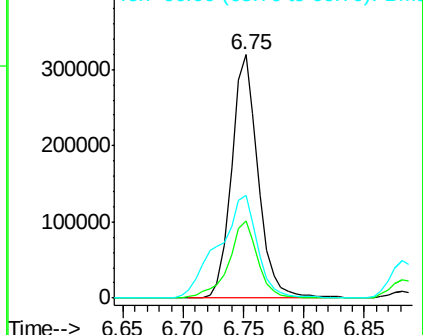
66 42.5 20.2 60.2

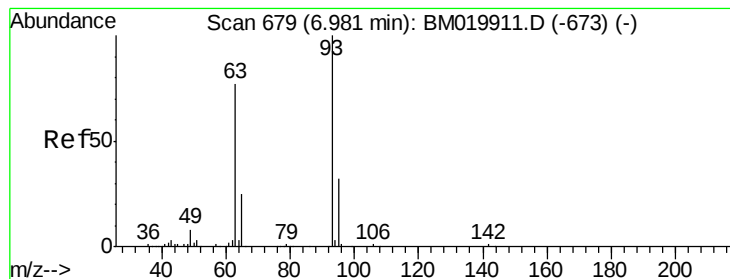


Abundance Ion 94.00 (93.70 to 94.70): BM019948.D (-624) (-)

Ion 65.00 (64.70 to 65.70): BM019948.D (-624) (-)

Ion 66.00 (65.70 to 66.70): BM019948.D (-624) (-)

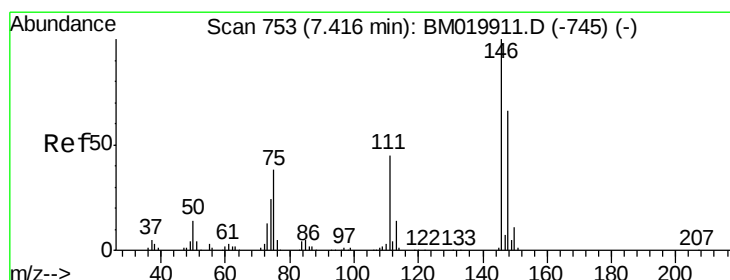
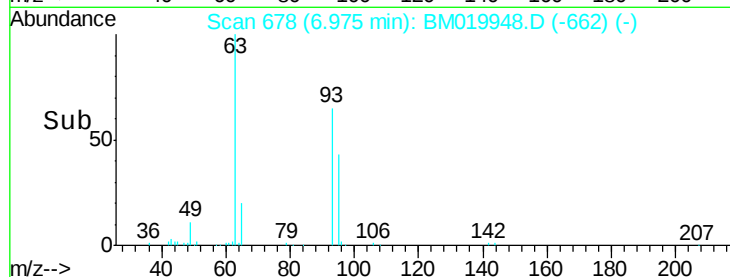
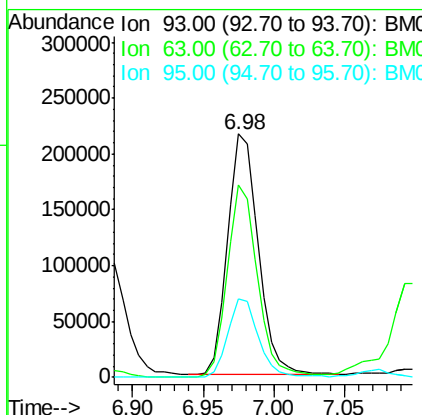
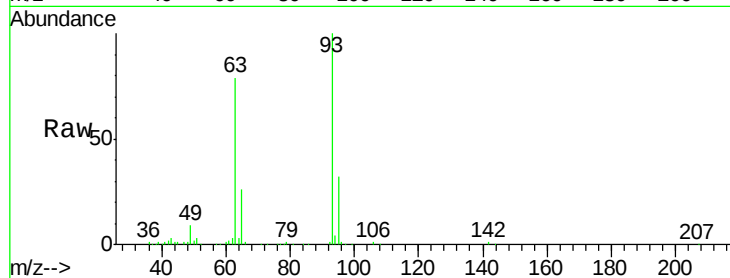




#11
 bis(2-Chloroethyl)ether
 Concen: 28.328 ng
 RT: 6.98 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BM019948.D
 Acq: 17 Apr 2019 21:04

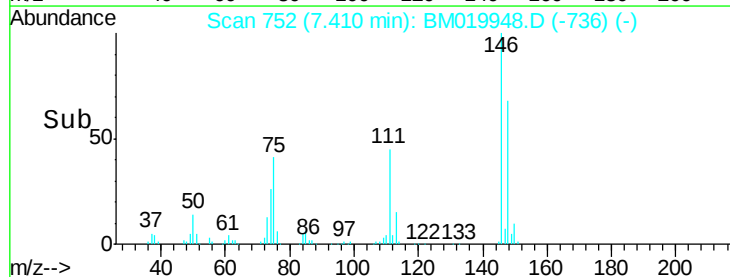
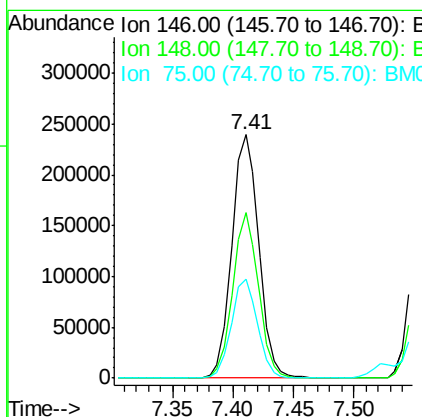
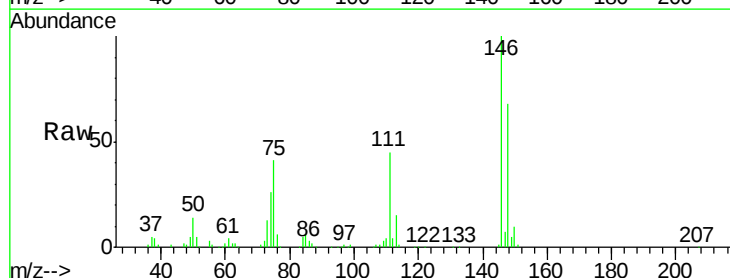
Instrument :
 BNA_M
 ClientSampled :

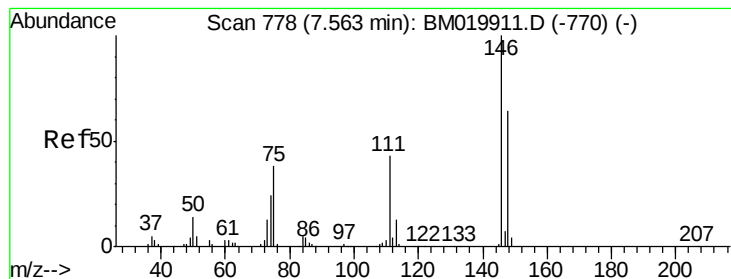
Tot Ion	93	Resp	328921
Ion Ratio	Lower	Upper	
93	100		
63	78.9	55.8	95.8
95	32.4	11.6	51.6



#12
 1,3-Dichlorobenzene
 Concen: 29.574 ng
 RT: 7.41 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BM019948.D
 Acq: 17 Apr 2019 21:04

Tgt Ion	146	Resp	372689
Ion Ratio	Lower	Upper	
146	100		
148	68.0	52.6	78.8
75	40.6	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 30.054 ng

RT: 7.56 min Scan# 778

Delta R.T. 0.00 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

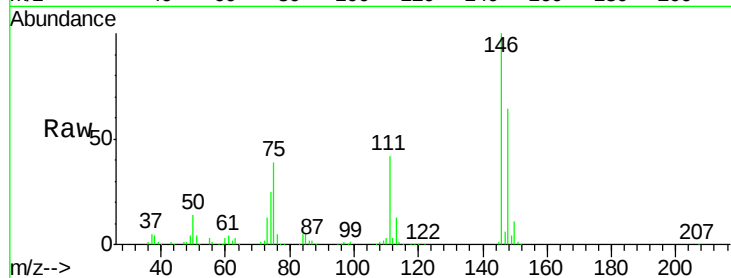
Tot Ion:146 Resp: 384272

Ion Ratio Lower Upper

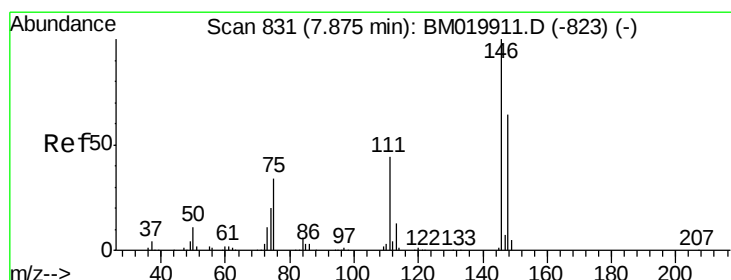
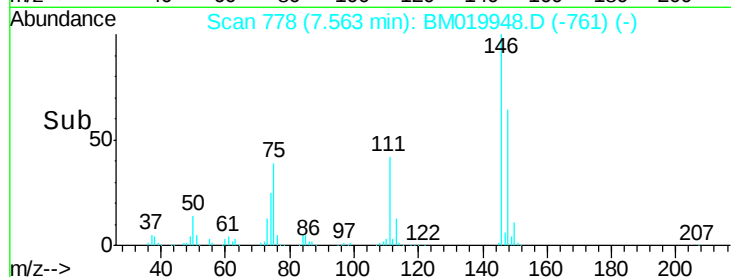
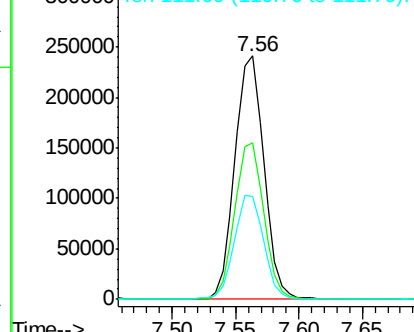
146 100

148 64.4 51.1 76.7

111 42.4 34.6 51.8



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: 29.444 ng

RT: 7.87 min Scan# 830

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

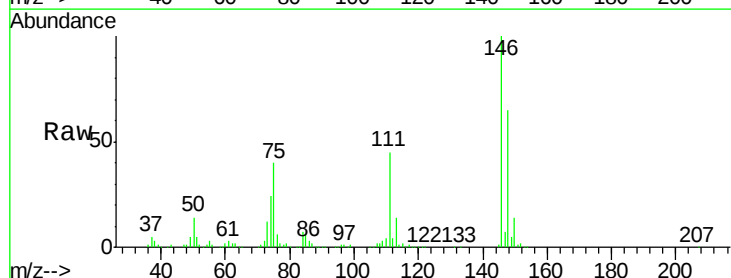
Tgt Ion:146 Resp: 373293

Ion Ratio Lower Upper

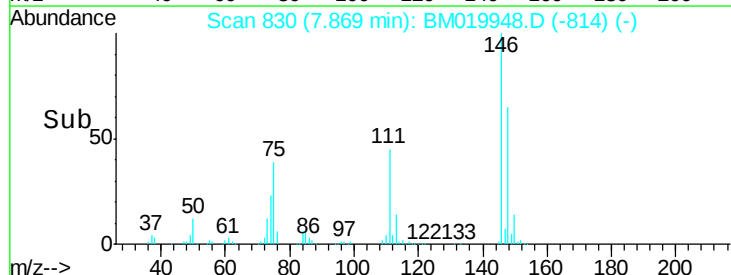
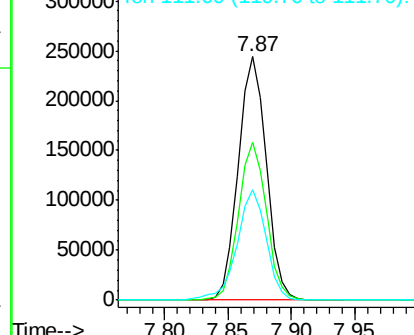
146 100

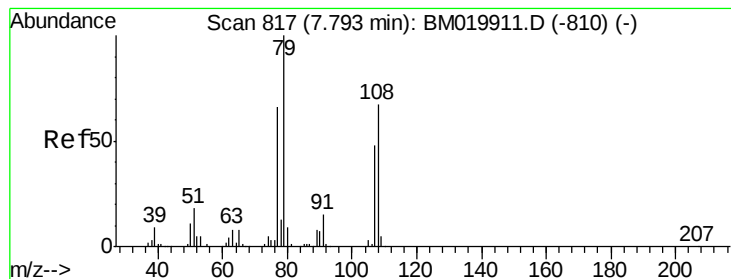
148 64.7 51.4 77.2

111 45.3 35.4 53.0



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: 27.158 ng

RT: 7.79 min Scan# 817

Delta R.T. 0.00 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampled :

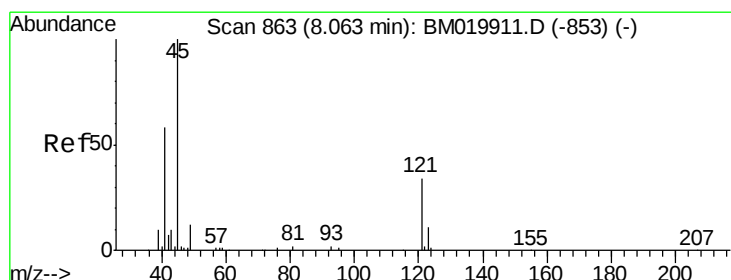
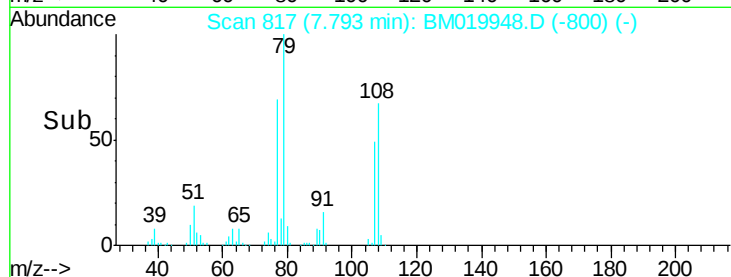
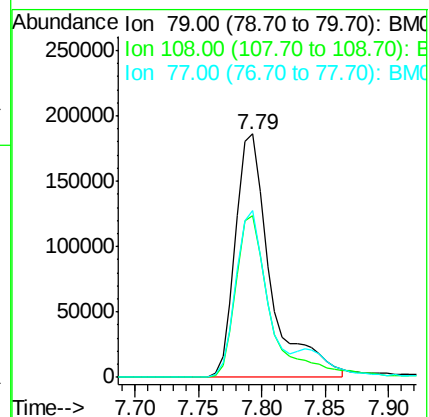
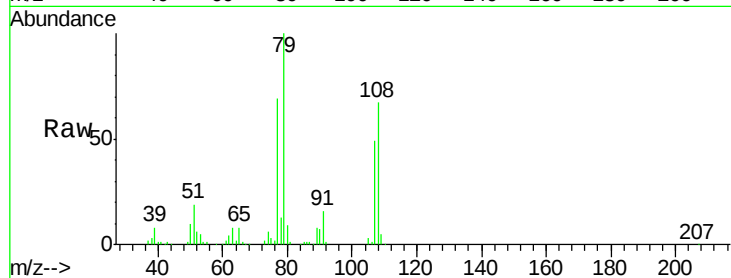
Tot Ion: 79 Resp: 358620

Ion Ratio Lower Upper

79 100

108 66.6 53.9 80.9

77 68.5 53.1 79.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.785 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

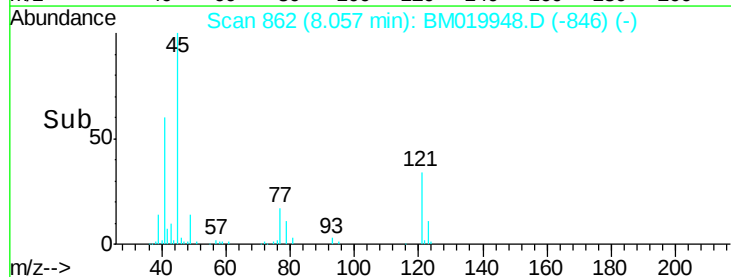
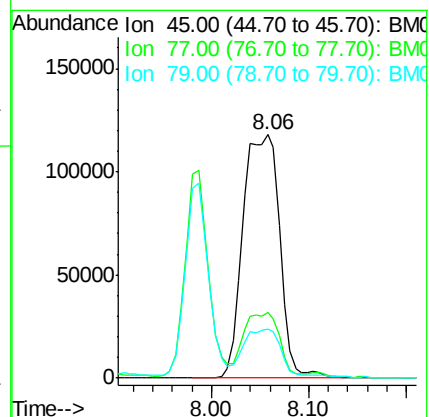
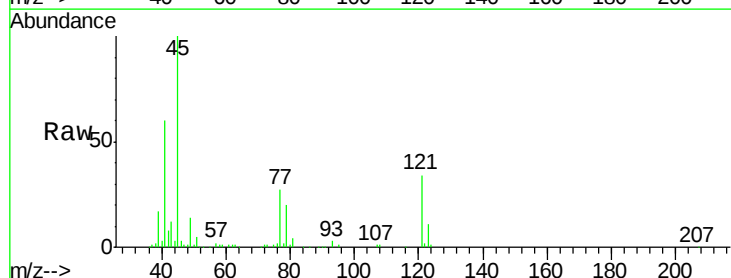
Tgt Ion: 45 Resp: 307547

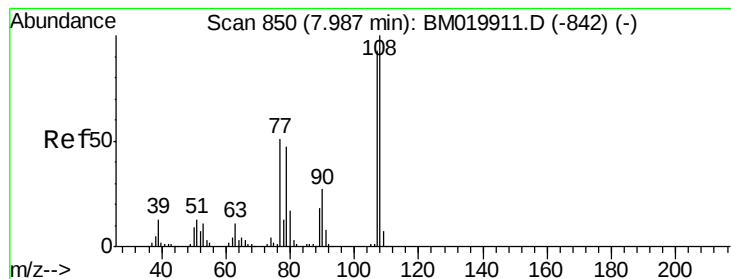
Ion Ratio Lower Upper

45 100

77 26.8 7.2 47.2

79 20.1 1.2 41.2





#17

2-Methylphenol

Concen: 28.327 ng

RT: 7.99 min Scan# 850

Delta R.T. 0.00 min

Lab File: BM019948.D

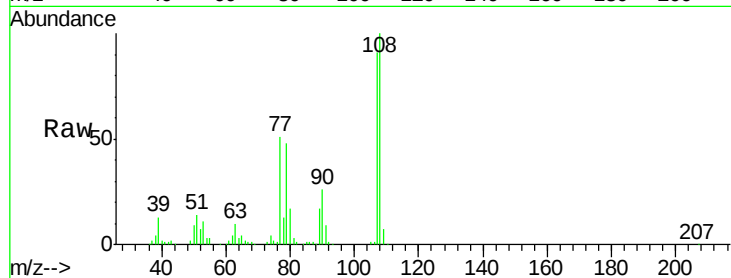
Acq: 17 Apr 2019 21:04

Instrument :

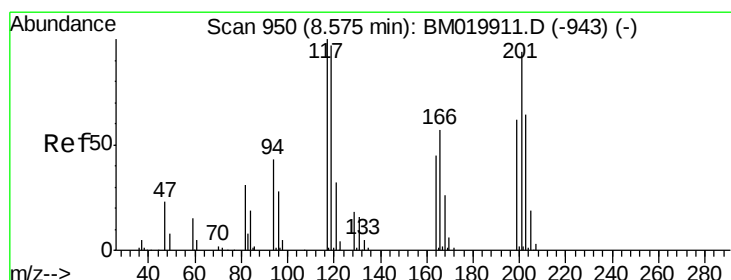
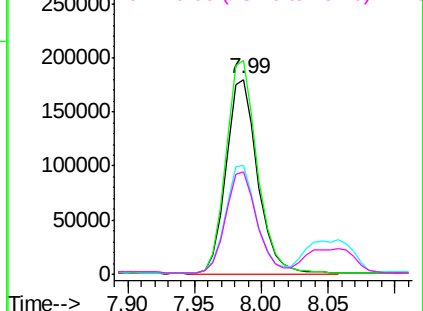
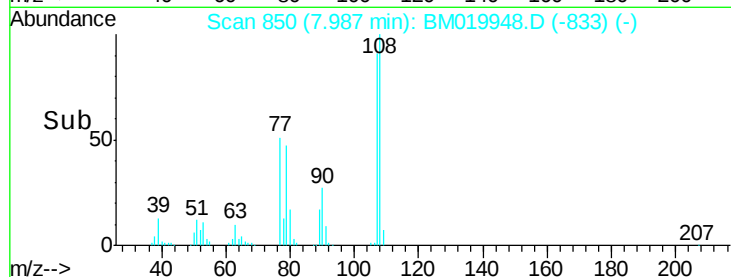
BNA_M

ClientSampleId :

Tot Ion:	107	Resp:	297526
Ion	Ratio	Lower	Upper
107	100		
108	109.6	85.9	128.9
77	55.9	43.8	65.6
79	52.5	41.1	61.7



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



#18

Hexachloroethane

Concen: 29.400 ng

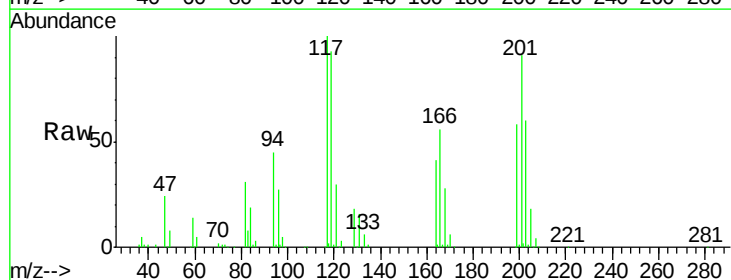
RT: 8.57 min Scan# 949

Delta R.T. -0.01 min

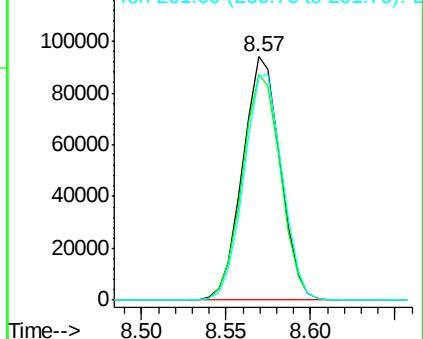
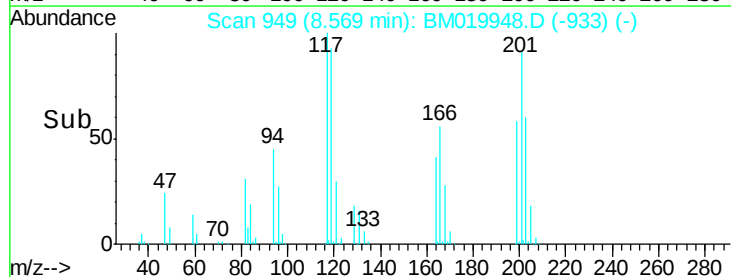
Lab File: BM019948.D

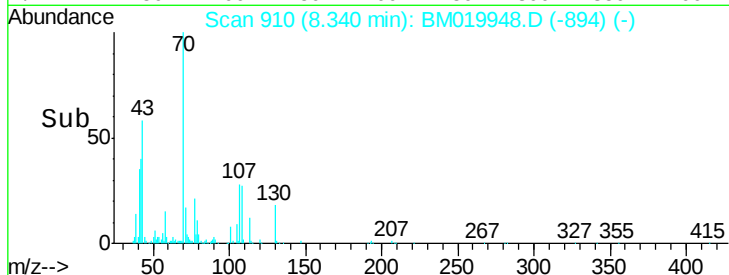
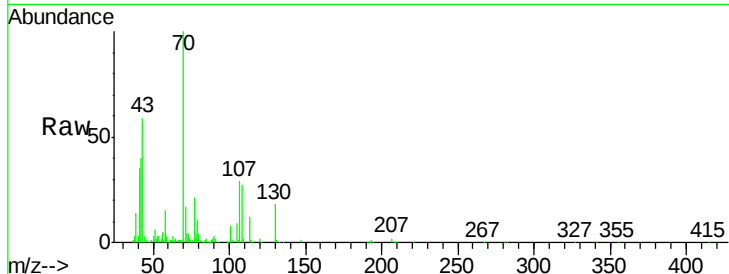
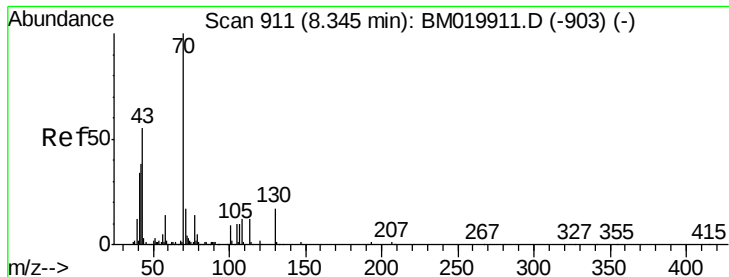
Acq: 17 Apr 2019 21:04

Tgt Ion:	117	Resp:	146122
Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.6	116.4
201	91.4	75.4	113.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

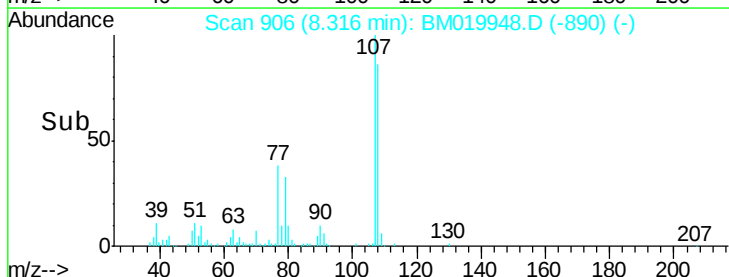
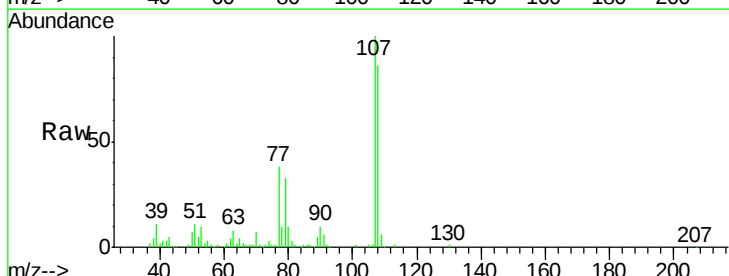
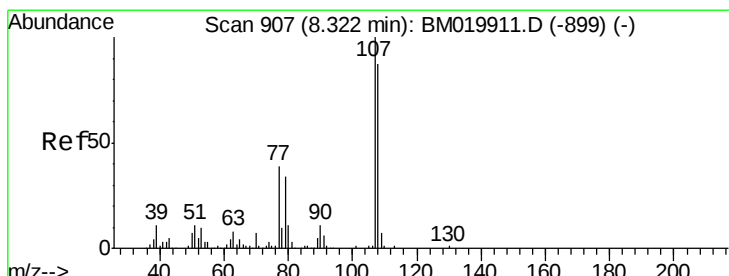
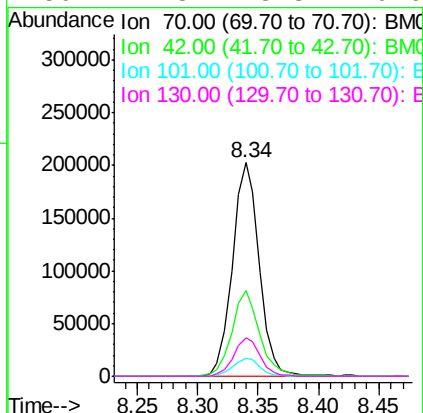




#19
n-Nitroso-di-n-propylamine
Concen: 24.463 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

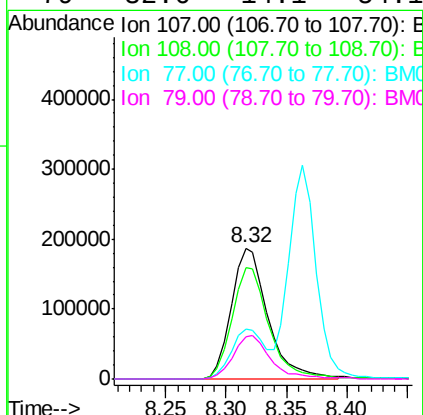
Instrument :
BNA_M
ClientSampleId :

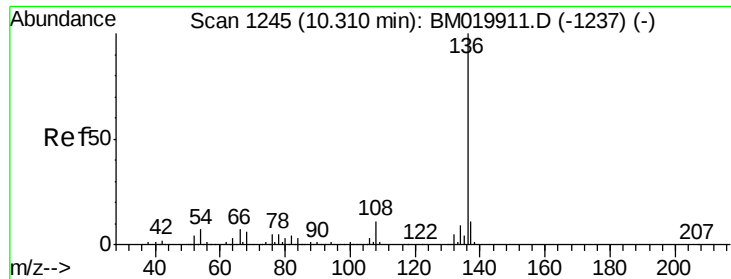
Tot Ion:	70	Resp:	312349
Ion	Ratio	Lower	Upper
70	100		
42	39.9	30.3	45.5
101	8.5	6.9	10.3
130	17.8	13.8	20.6



#20
3+4-Methylphenols
Concen: 27.268 ng
RT: 8.32 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion:	107	Resp:	393432
Ion	Ratio	Lower	Upper
107	100		
108	85.7	67.4	107.4
77	37.8	19.7	59.7
79	32.6	14.1	54.1

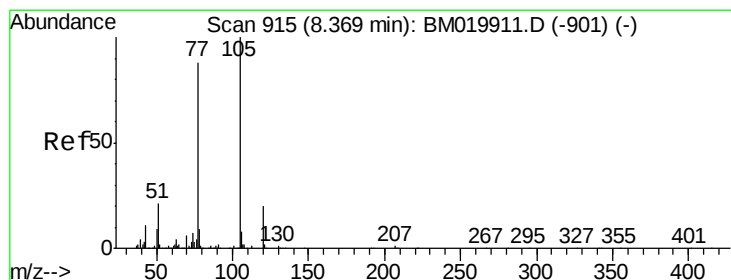
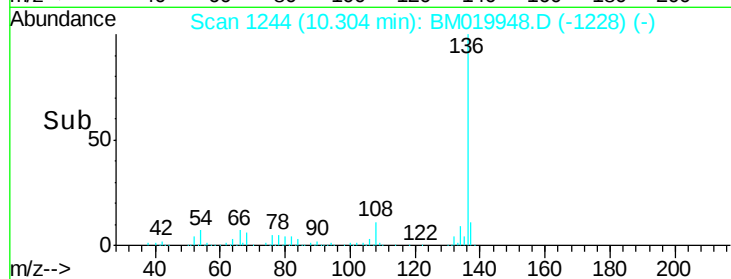
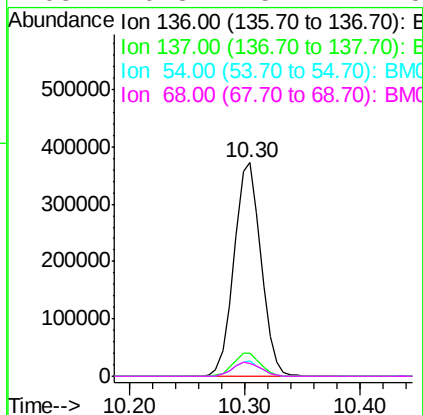
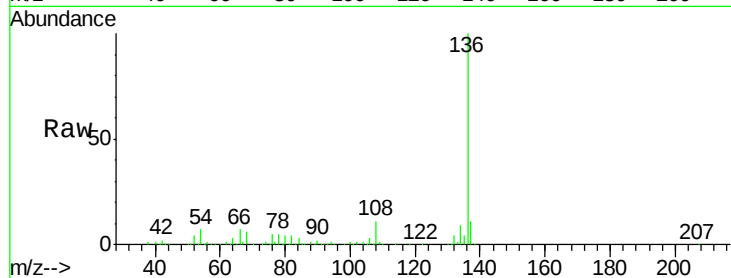




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

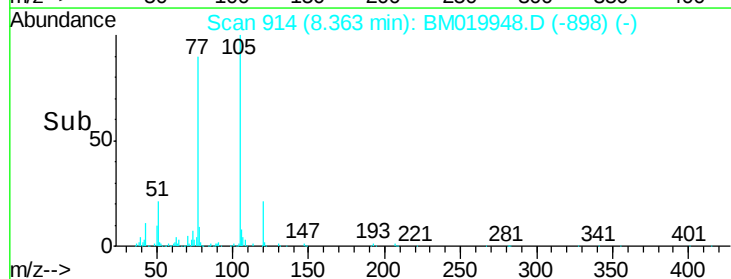
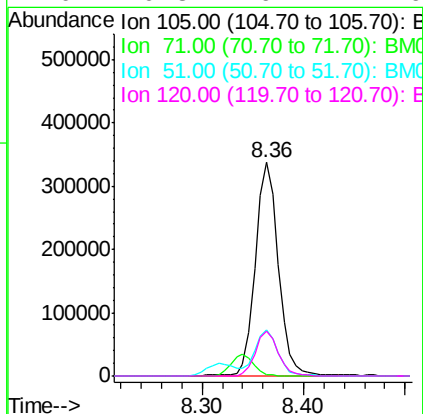
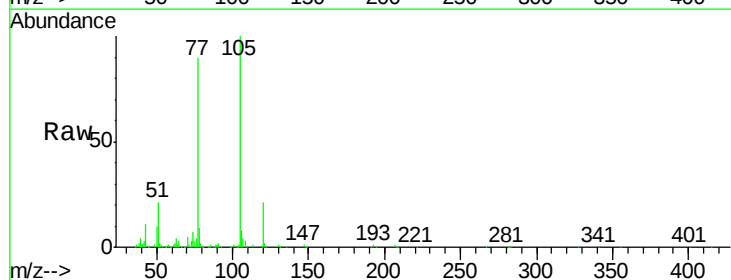
Instrument :
BNA_M
ClientSampleId :

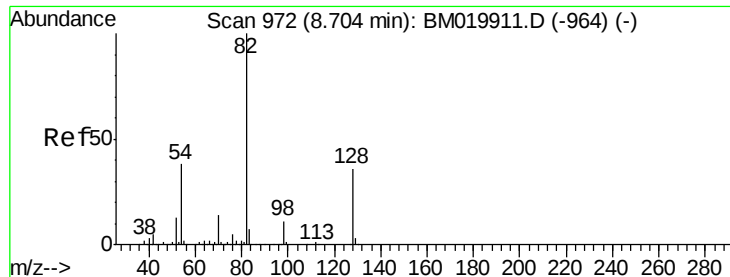
Tot Ion:136	Resp: 602291
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.6
54 7.0	5.3 7.9
68 6.3	5.2 7.8



#22
Acetophenone
Concen: 32.580 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt	Ion:105	Resp:	534469
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	21.4	16.9	25.3
120	20.8	16.4	24.6





#23

Nitrobenzene-d5

Concen: 79.938 ng

RT: 8.70 min Scan# 971

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

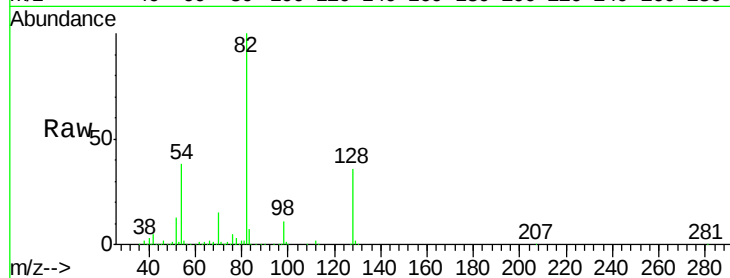
Tot Ion: 82 Resp: 1076578

Ion Ratio Lower Upper

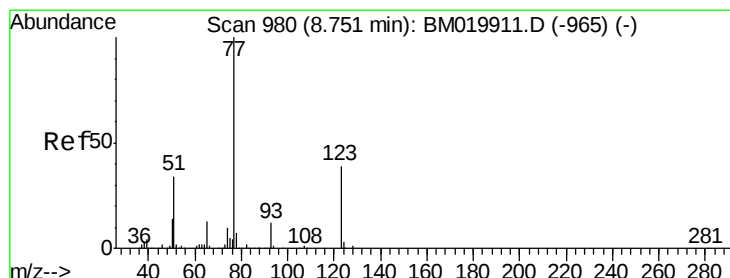
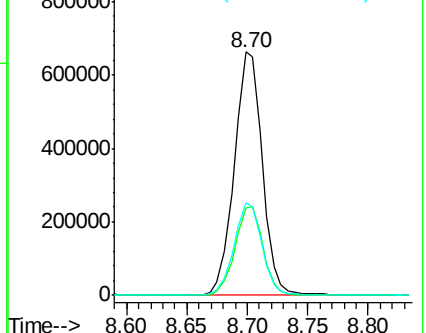
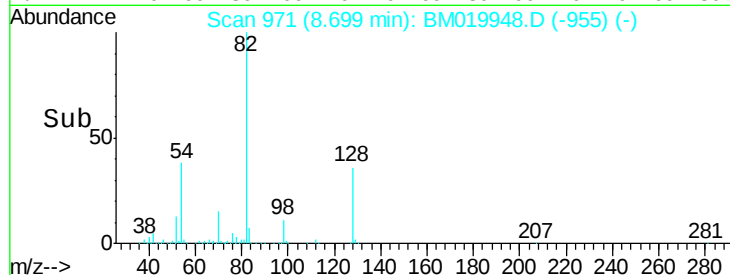
82 100

128 36.1 29.0 43.4

54 37.8 30.2 45.4



Abundance Ion 82.00 (81.70 to 82.70): BM019948.D (-955) (-)



#24

Nitrobenzene

Concen: 32.359 ng

RT: 8.74 min Scan# 978

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

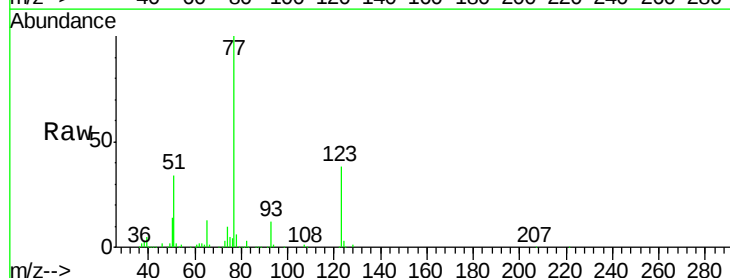
Tgt Ion: 77 Resp: 451456

Ion Ratio Lower Upper

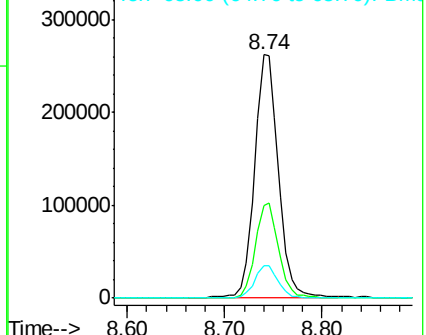
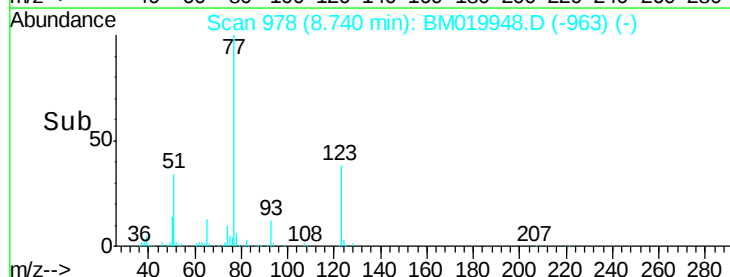
77 100

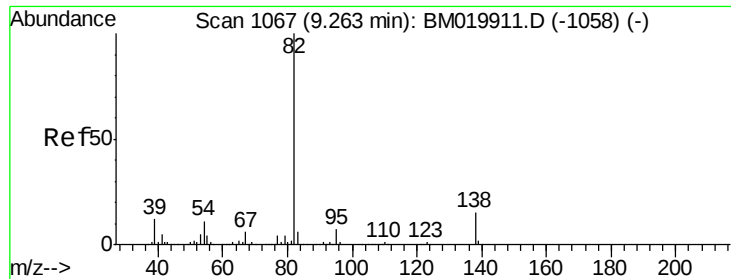
123 38.1 31.0 46.4

65 13.2 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BM019948.D (-963) (-)





#25

Isophorone

Concen: 28.743 ng

RT: 9.26 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

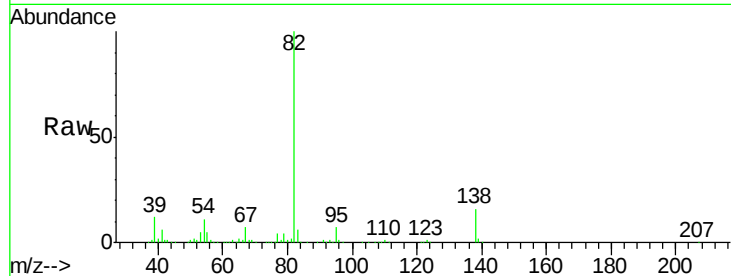
Tot Ion: 82 Resp: 753533

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

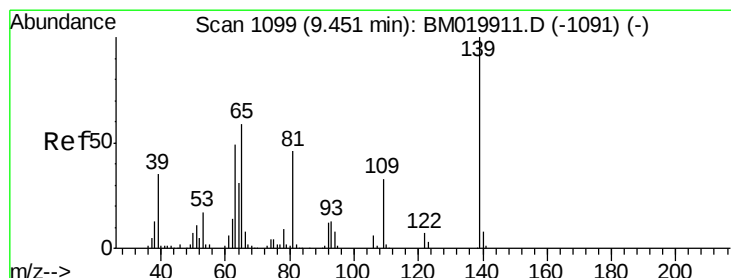
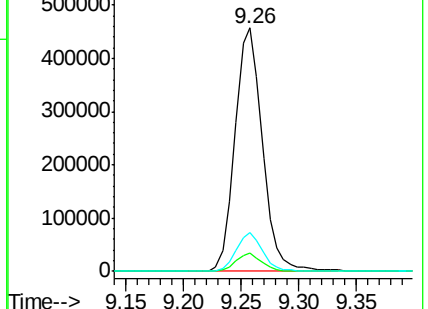
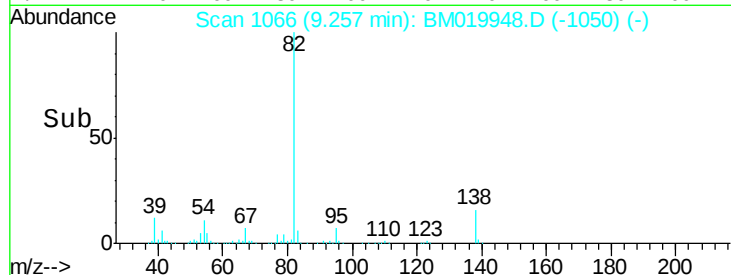
138 15.7 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BM019948.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM019948.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM019948.D (-1058) (-)



#26

2-Nitrophenol

Concen: 30.537 ng

RT: 9.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

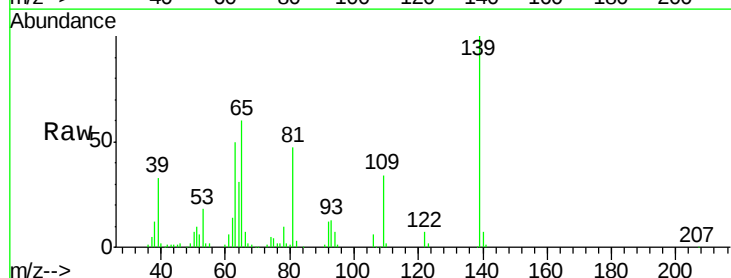
Tgt Ion: 139 Resp: 181552

Ion Ratio Lower Upper

139 100

109 33.5 26.3 39.5

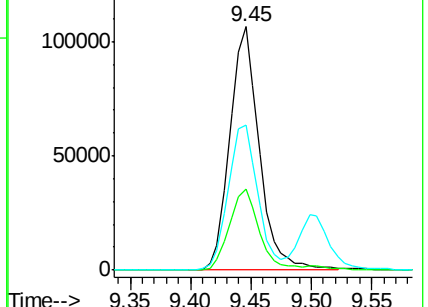
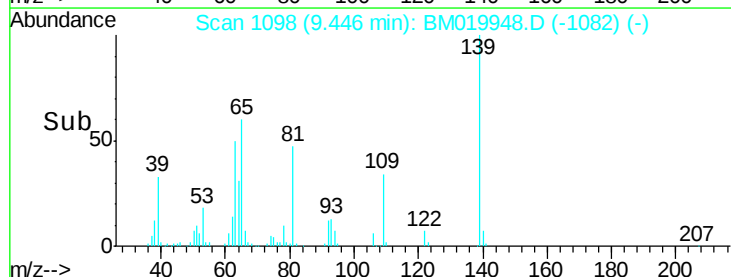
65 59.7 47.4 71.2

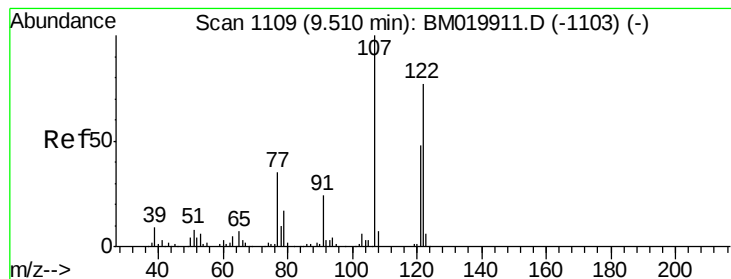


Abundance Ion 139.00 (138.70 to 139.70): BM019948.D (-1082) (-)

Ion 109.00 (108.70 to 109.70): BM019948.D (-1082) (-)

Ion 65.00 (64.70 to 65.70): BM019948.D (-1082) (-)

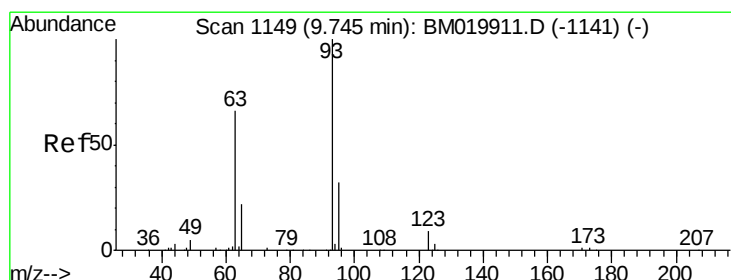
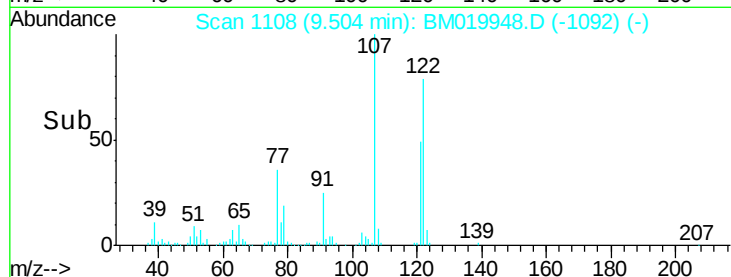
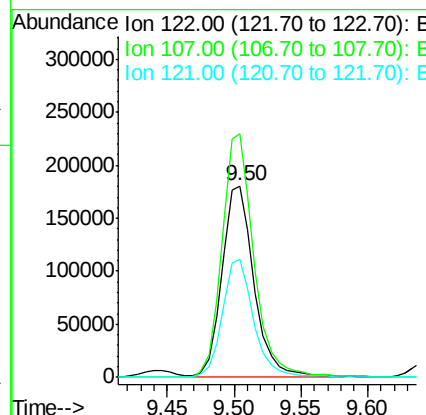
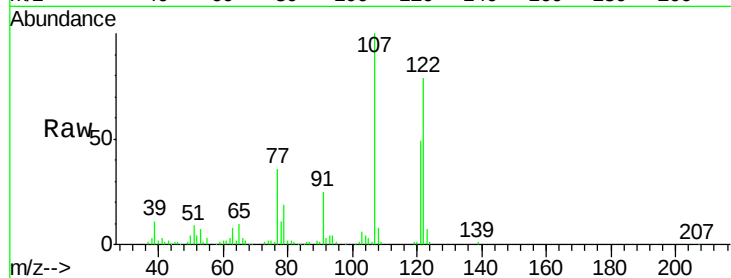




#27
 2,4-Dimethylphenol
 Concen: 35.877 ng
 RT: 9.50 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BM019948.D
 Acq: 17 Apr 2019 21:04

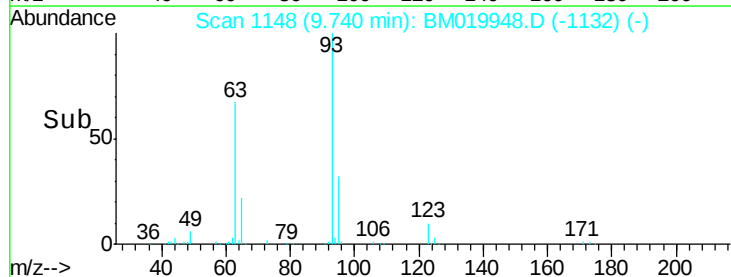
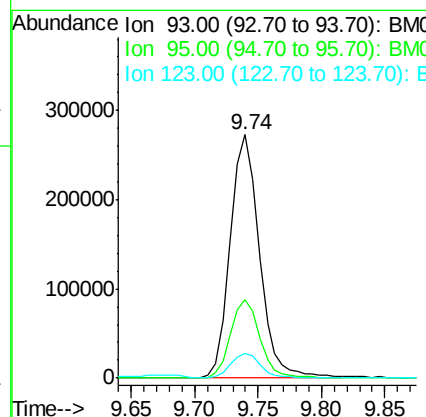
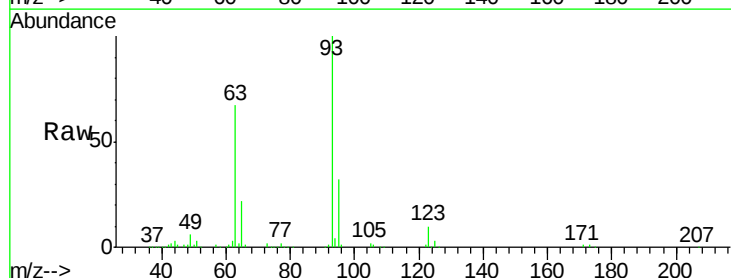
Instrument :
 BNA_M
 ClientSampleId :

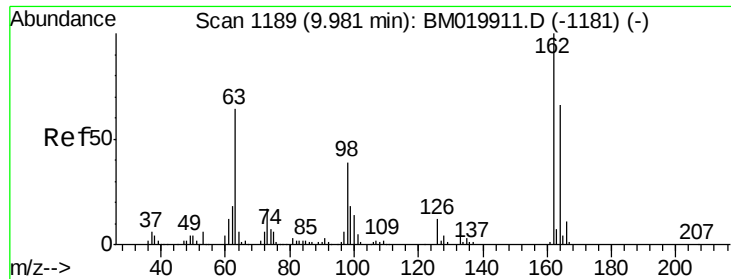
Tot Ion:122 Resp: 301592
 Ion Ratio Lower Upper
 122 100
 107 127.2 103.1 154.7
 121 61.8 49.8 74.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.827 ng
 RT: 9.74 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BM019948.D
 Acq: 17 Apr 2019 21:04

Tgt Ion: 93 Resp: 437873
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.8 38.8
 123 10.3 8.2 12.2

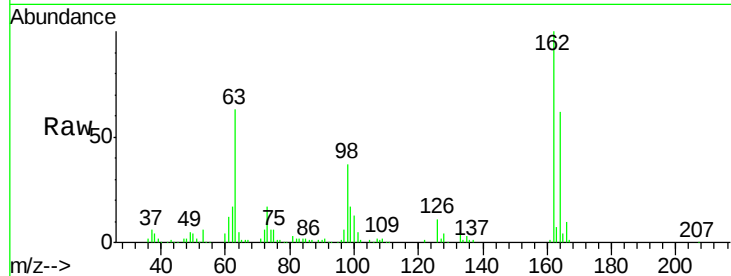




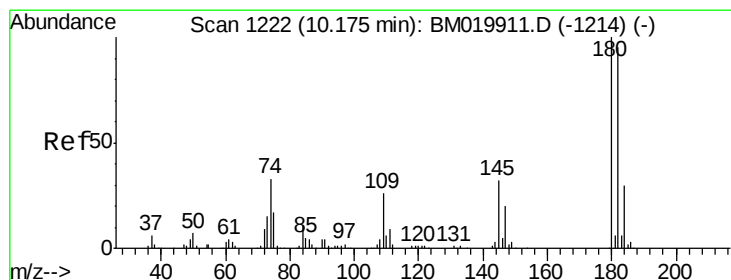
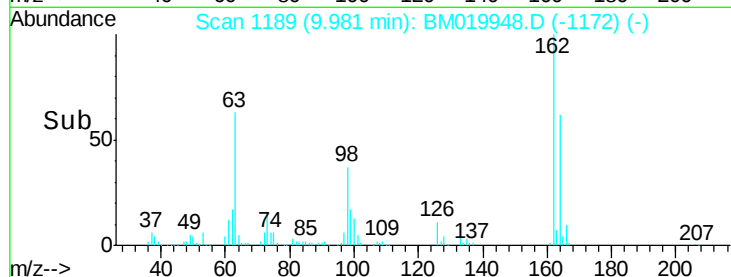
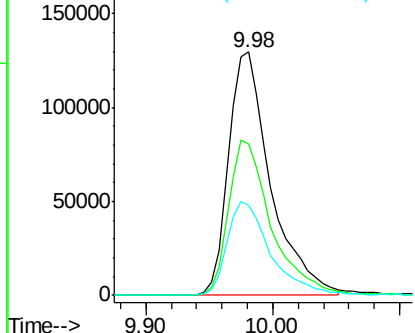
#29
2,4-Dichlorophenol
Concen: 31.289 ng
RT: 9.98 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.3	86.3
98	37.0	19.2	59.2

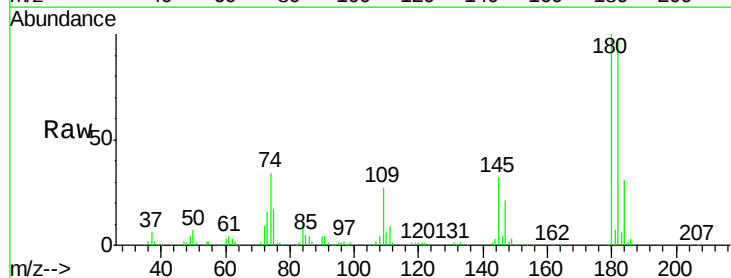


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

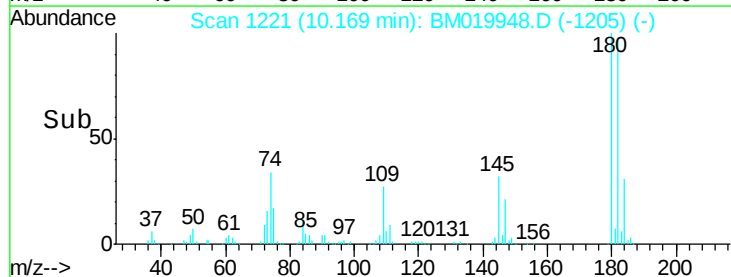
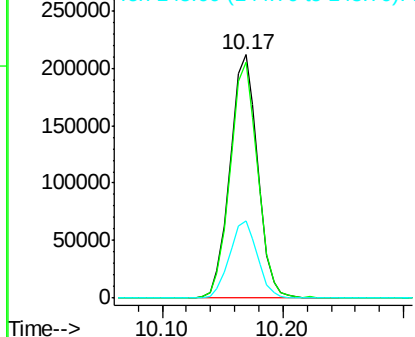


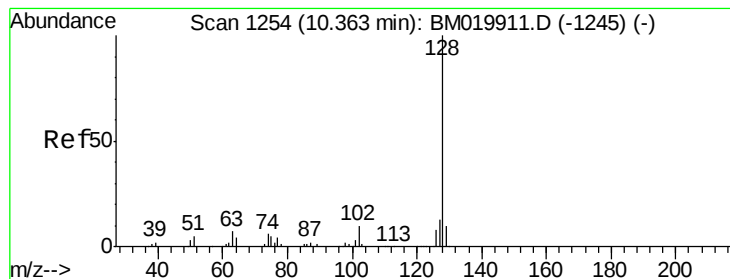
#30
1,2,4-Trichlorobenzene
Concen: 32.765 ng
RT: 10.17 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.3	114.5
145	31.6	25.5	38.3



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: 31.854 ng

RT: 10.35 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

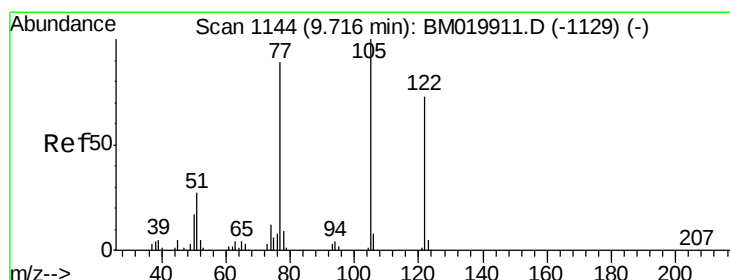
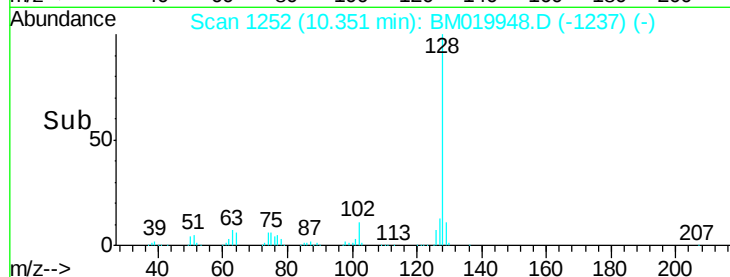
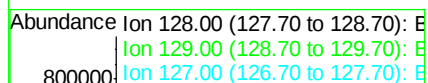
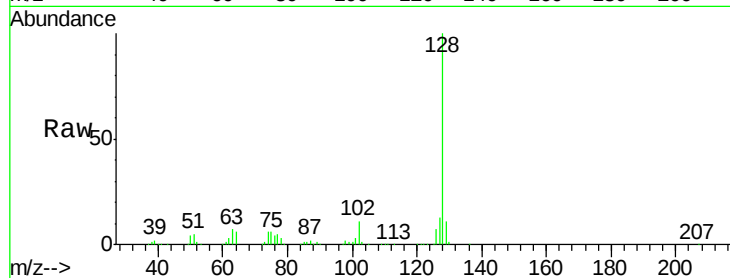
Tot Ion:128 Resp: 1029055

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

127 13.1 10.4 15.6



#32

Benzoic acid

Concen: 19.027 ng

RT: 9.68 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

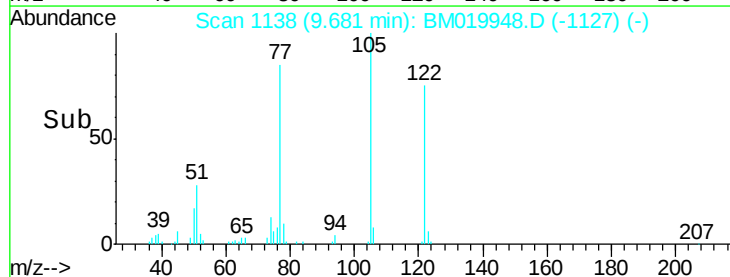
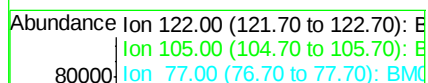
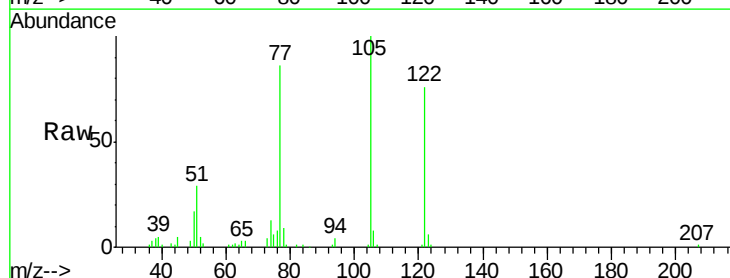
Tgt Ion:122 Resp: 123555

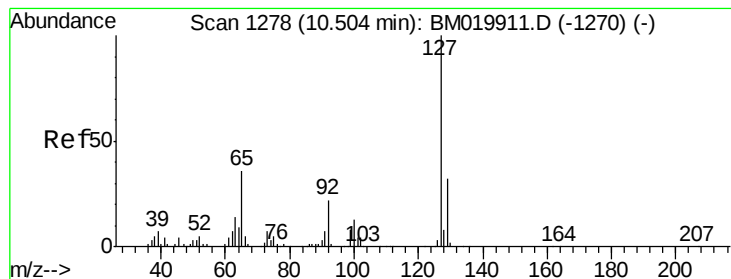
Ion Ratio Lower Upper

122 100

105 132.4 114.8 154.8

77 114.3 100.2 140.2





#33

4-Chloroaniline

Concen: 3.979 ng

RT: 10.52 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

Tot Ion:127 Resp: 52952

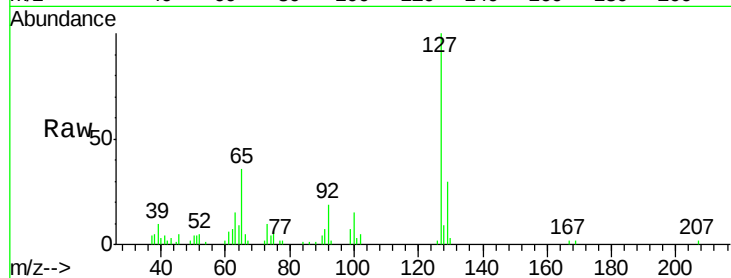
Ion Ratio Lower Upper

127 100

129 30.2 25.4 38.0

65 36.5 29.2 43.8

92 19.3 17.5 26.3

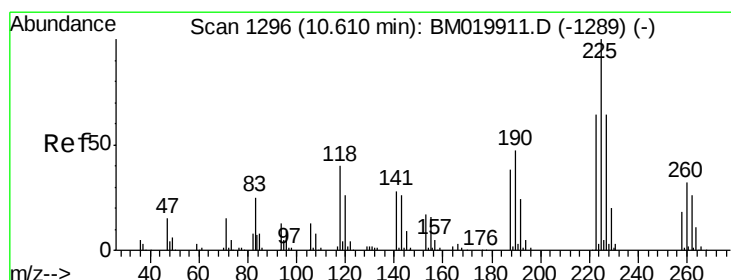
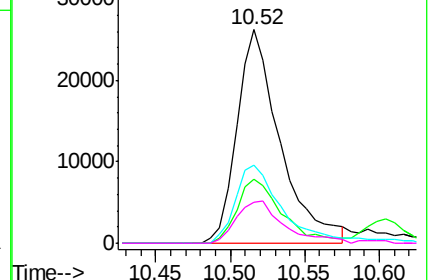
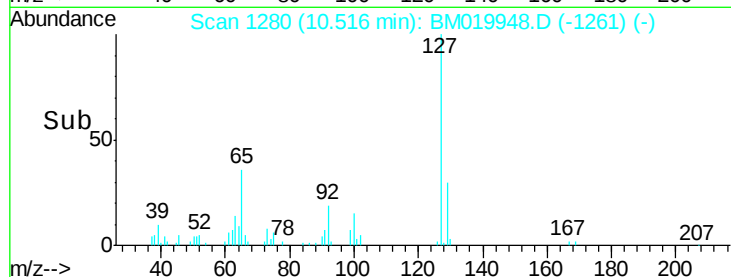


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 31.895 ng

RT: 10.60 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

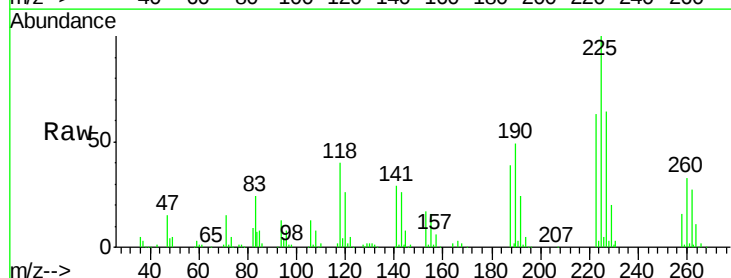
Tgt Ion:225 Resp: 193299

Ion Ratio Lower Upper

225 100

223 63.1 51.4 77.2

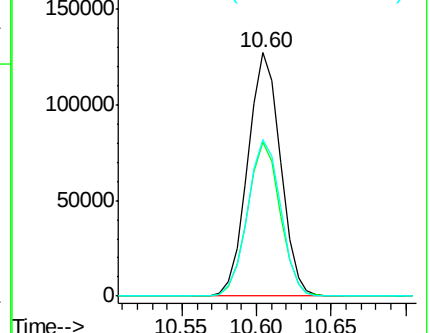
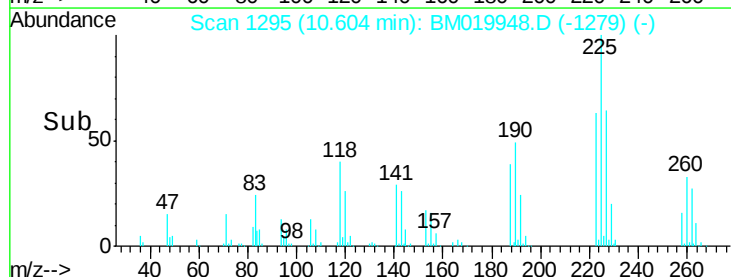
227 64.4 51.0 76.6

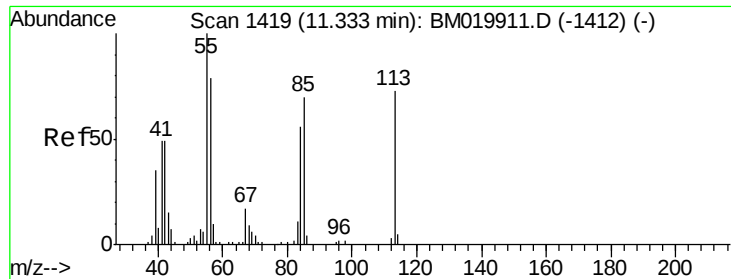


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 17.938 ng

RT: 11.33 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

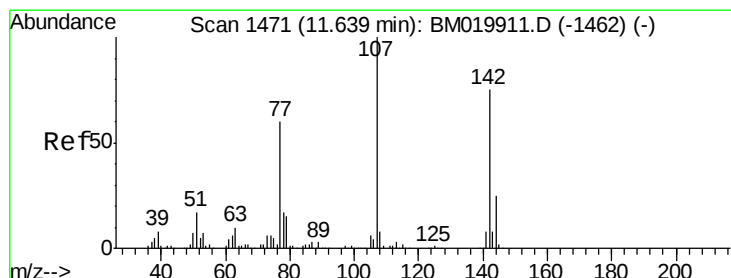
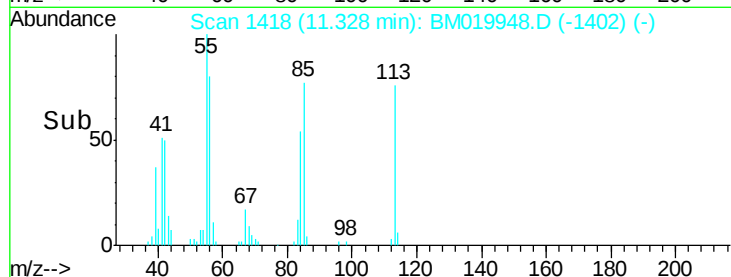
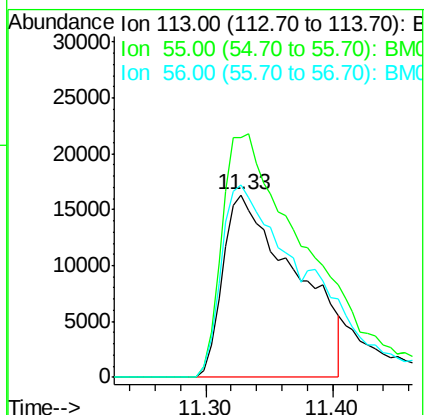
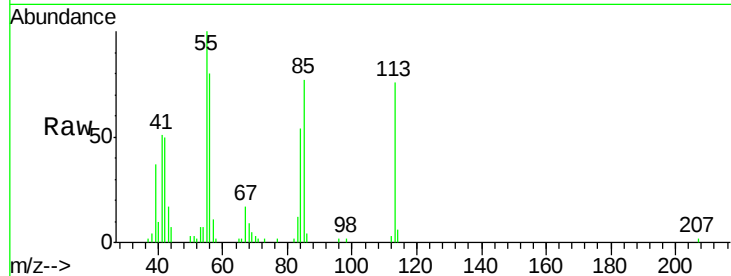
Tot Ion:113 Resp: 64825

Ion Ratio Lower Upper

113 100

55 131.1 117.1 157.1

56 105.1 88.2 128.2



#36

4-Chloro-3-methylphenol

Concen: 27.141 ng

RT: 11.63 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

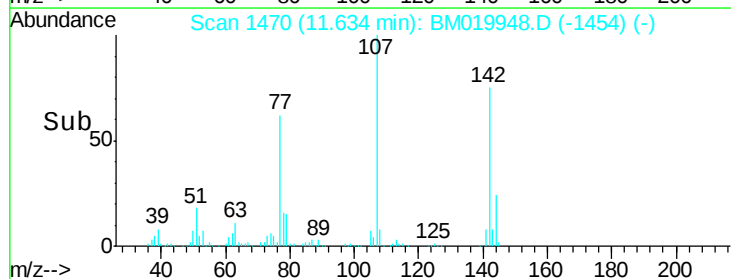
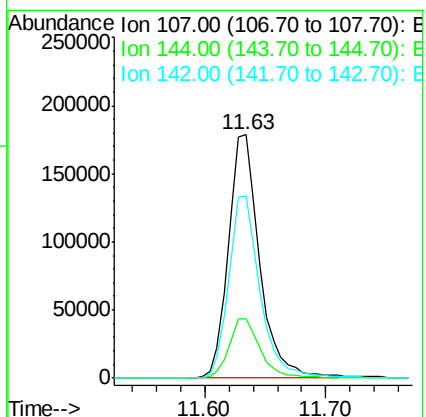
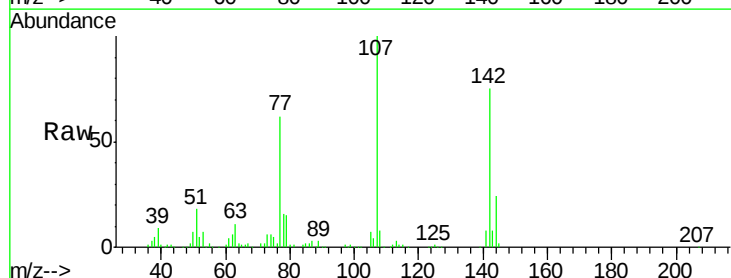
Tgt Ion:107 Resp: 321971

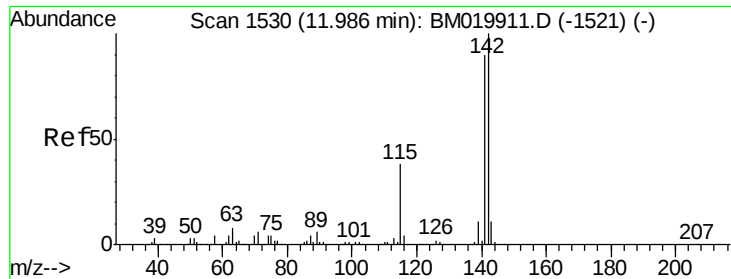
Ion Ratio Lower Upper

107 100

144 24.3 19.8 29.8

142 75.0 60.3 90.5

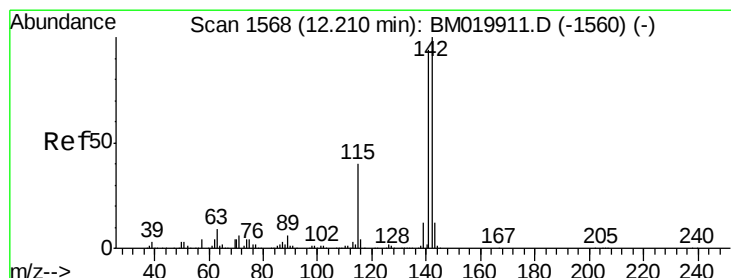
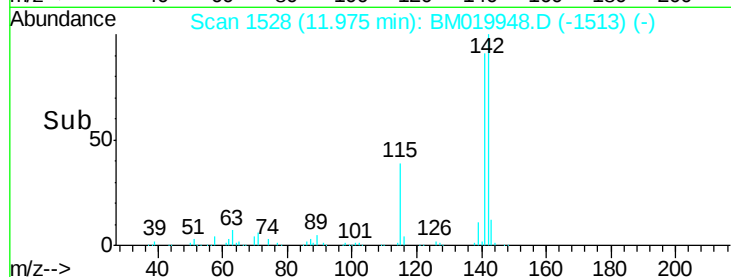
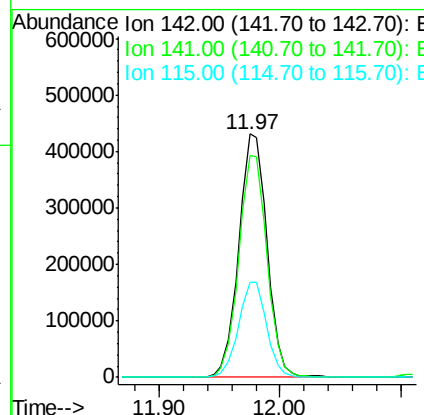
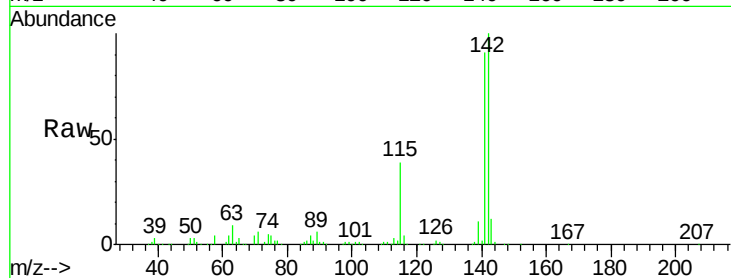




#37
2-Methylnaphthalene
Concen: 29.963 ng
RT: 11.97 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

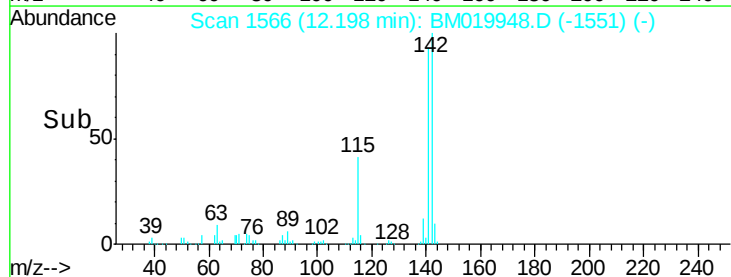
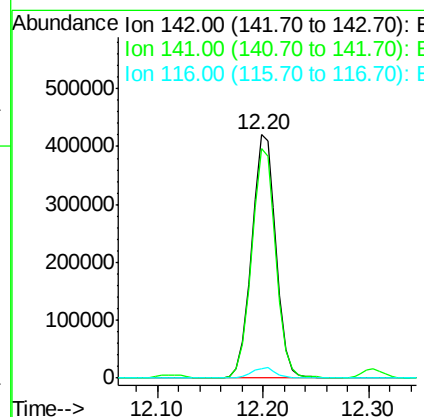
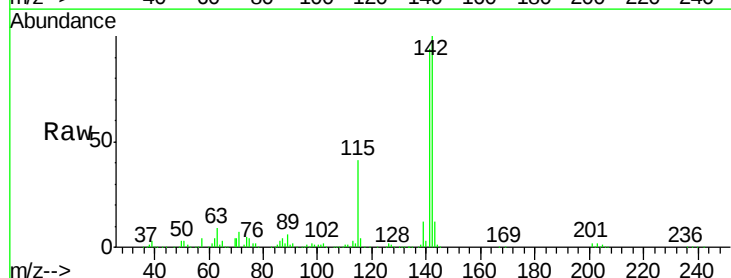
Instrument :
BNA_M
ClientSampleId :

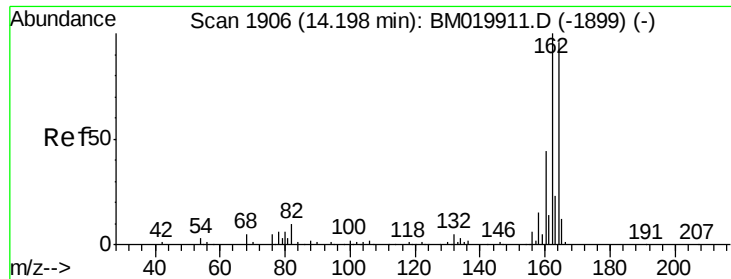
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.3	108.5
115	38.9	30.5	45.7



#38
1-Methylnaphthalene
Concen: 28.741 ng
RT: 12.20 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.7	113.5
116	4.1	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

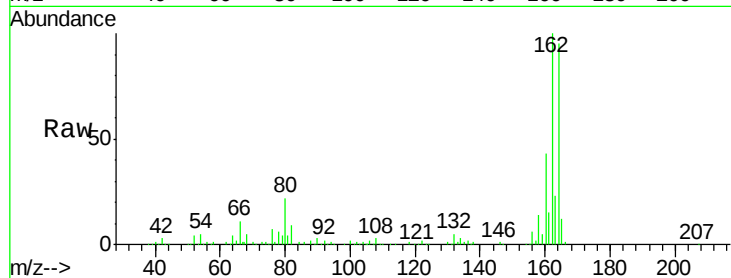
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 293488

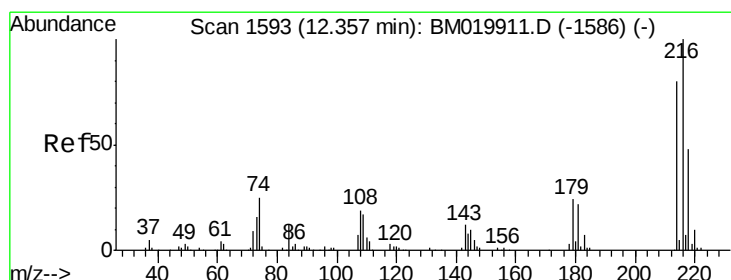
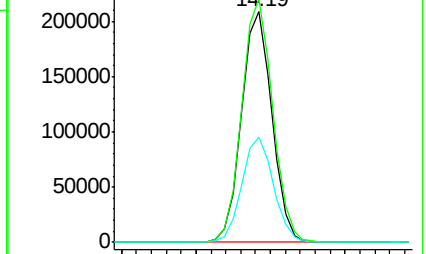
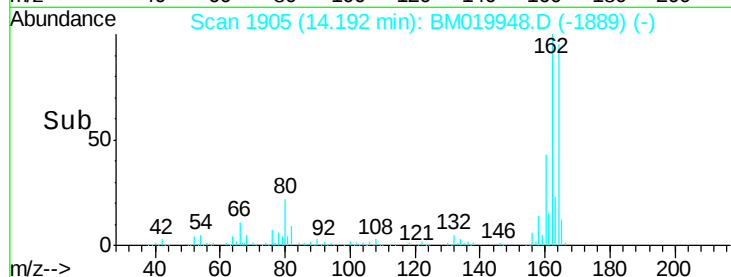
Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.0	124.4
160	45.8	36.6	55.0



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: 36.148 ng

RT: 12.35 min Scan# 1592

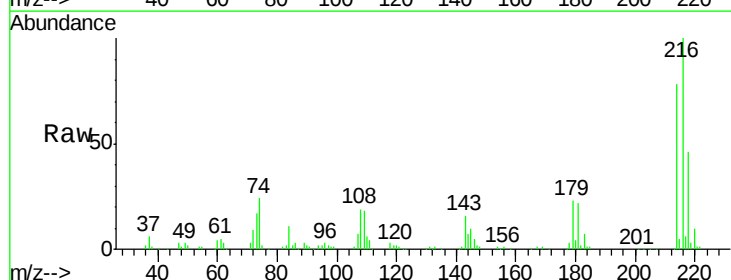
Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Tgt Ion:216 Resp: 327281

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.1	94.7
179	23.4	19.0	28.6
108	19.6	16.3	24.5

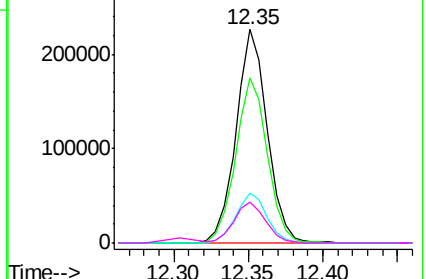
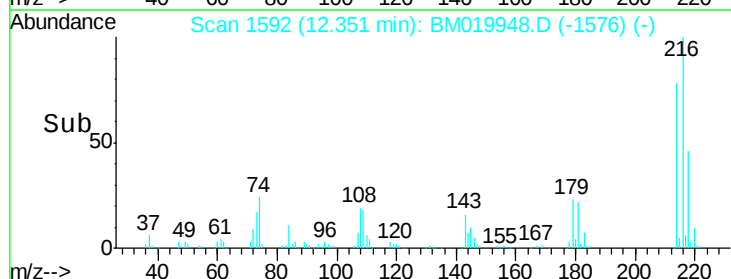


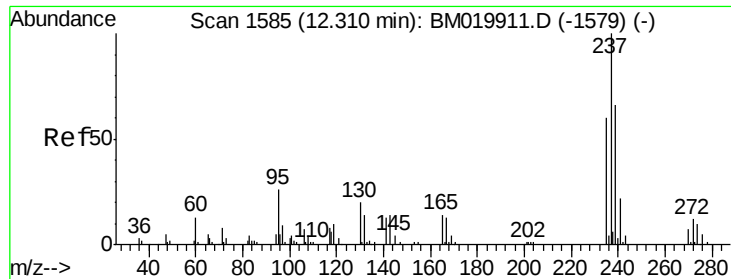
Abundance Ion 216.00 (215.70 to 216.70): E

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: 56.529 ng

RT: 12.30 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

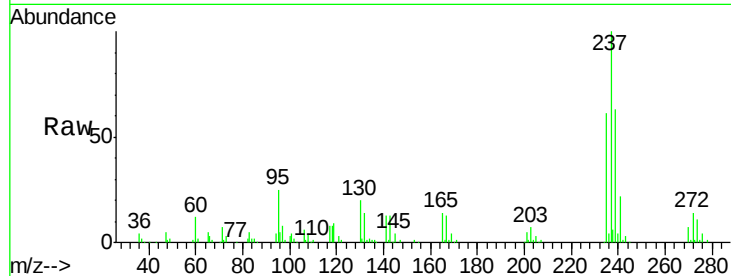
Tot Ion:237 Resp: 168361

Ion Ratio Lower Upper

237 100

235 61.1 40.4 80.4

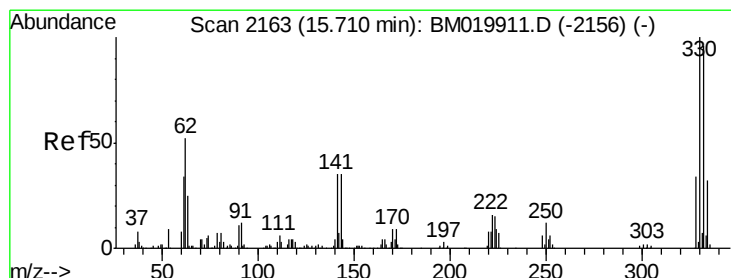
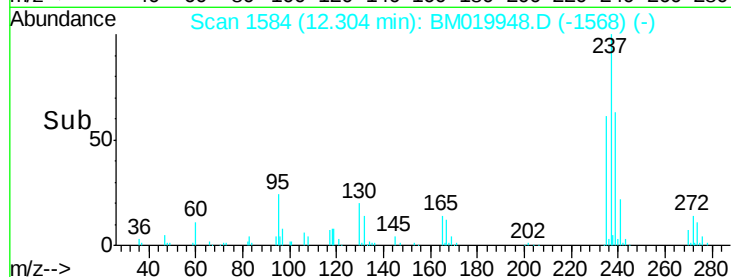
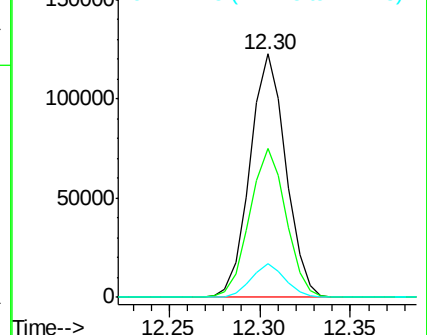
272 13.6 0.0 32.3



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: 101.245 ng

RT: 15.70 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

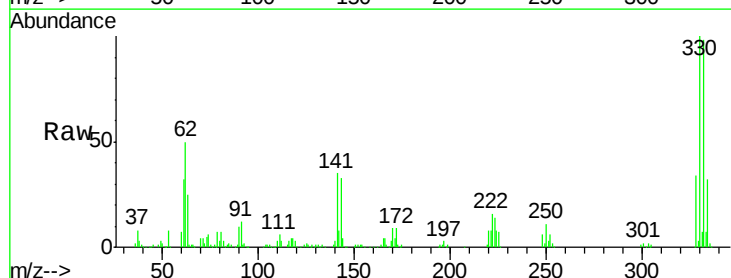
Tgt Ion:330 Resp: 478316

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

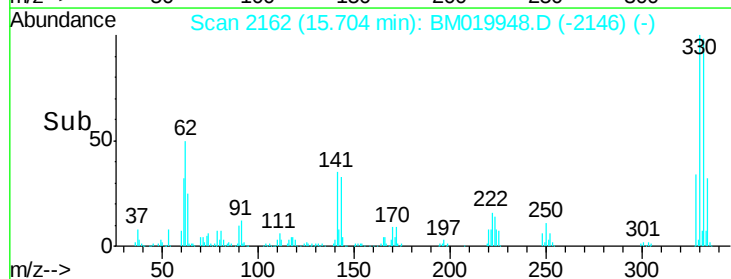
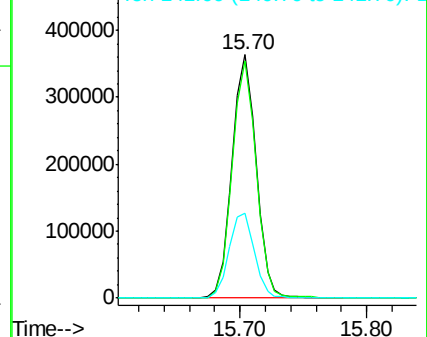
141 36.8 29.0 43.4



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

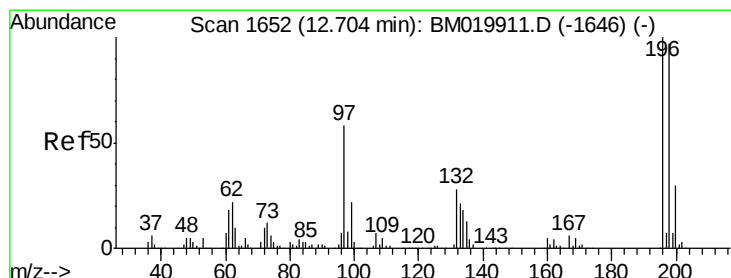
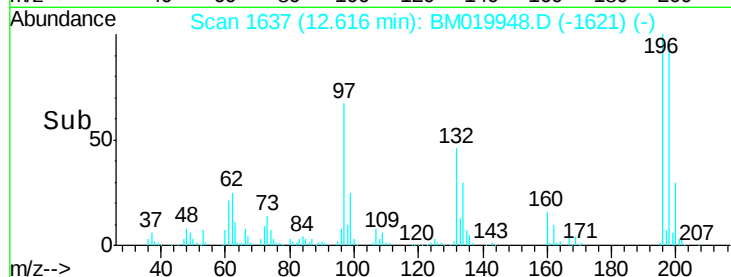
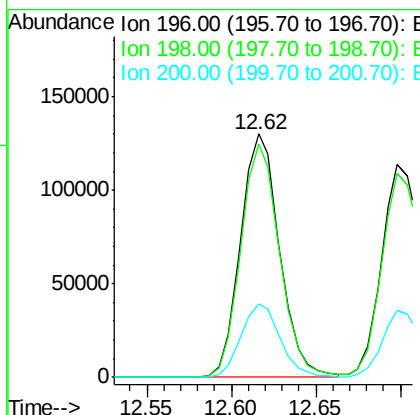
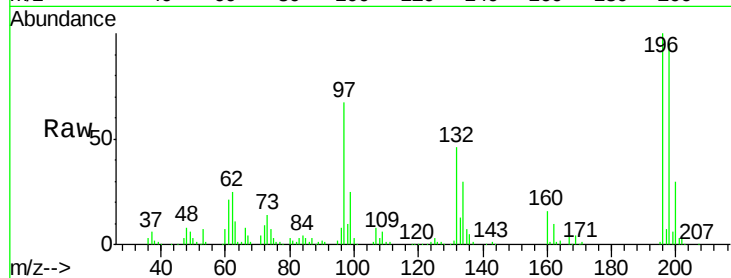




#43
 2,4,6-Trichlorophenol
 Concen: 34.107 ng
 RT: 12.62 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BM019948.D
 Acq: 17 Apr 2019 21:04

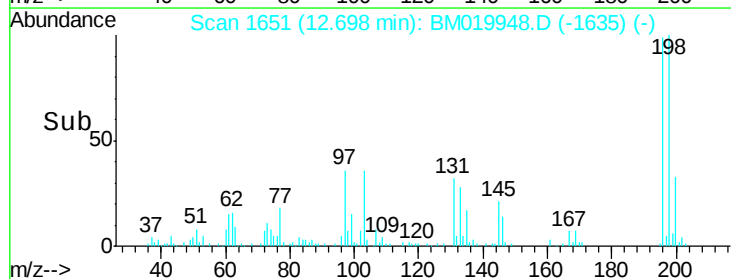
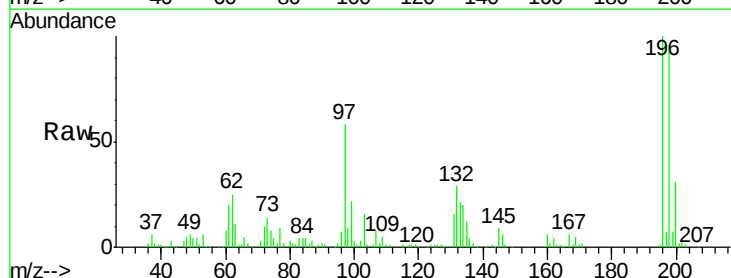
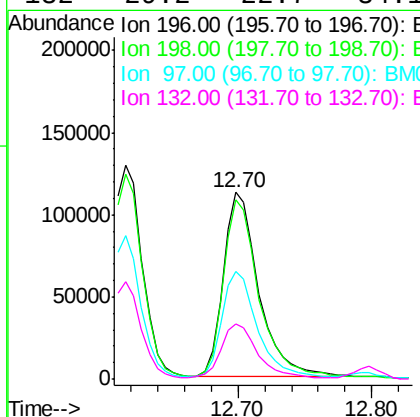
Instrument :
 BNA_M
 ClientSampled :

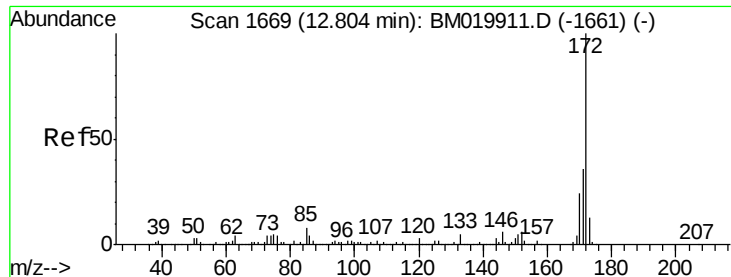
Tot Ion	196	Resp	209360
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.8	115.2
200	30.2	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 31.991 ng
 RT: 12.70 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM019948.D
 Acq: 17 Apr 2019 21:04

Tgt Ion	196	Resp	204382
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.8	116.8
97	57.7	46.2	69.2
132	29.2	22.7	34.1

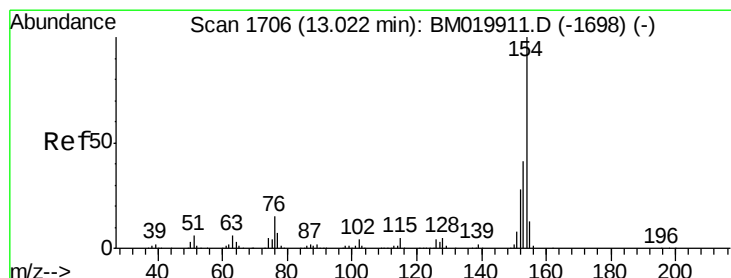
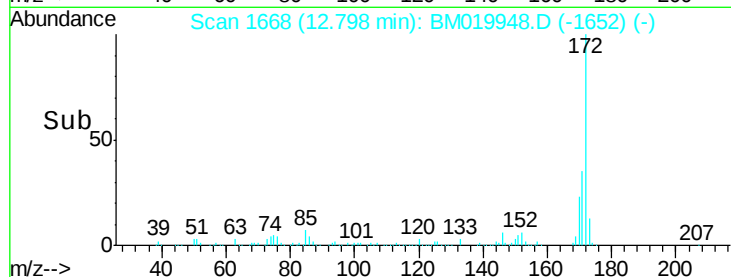
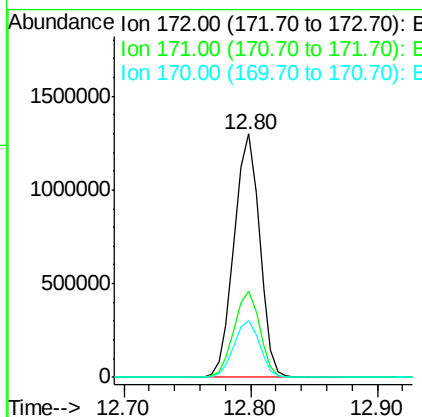
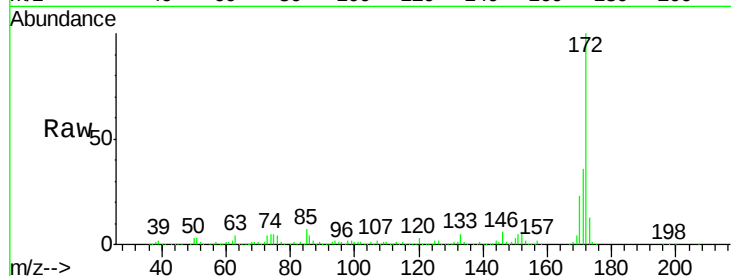




#45
2-Fluorobiphenyl
Concen: 77.049 ng
RT: 12.80 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

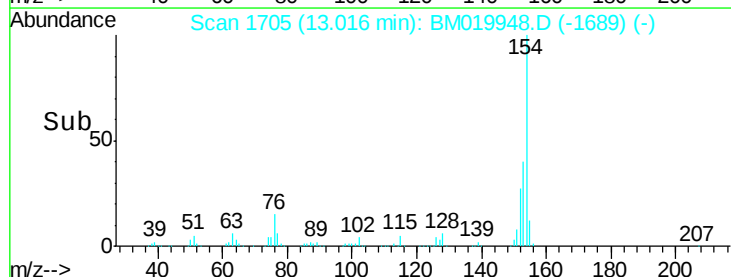
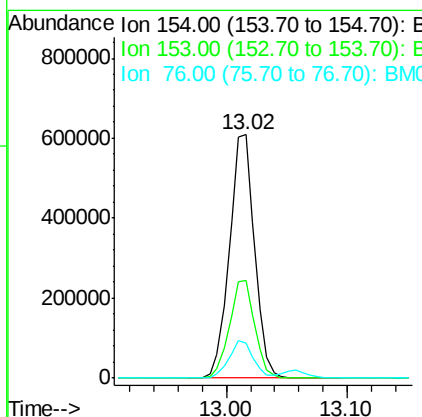
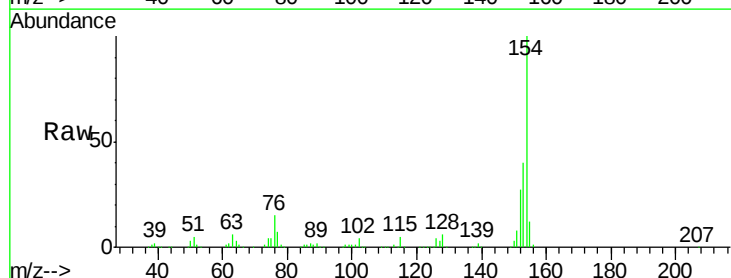
Instrument :
BNA_M
ClientSampleId :

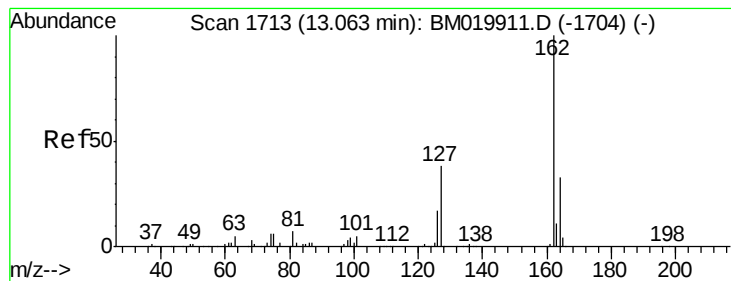
Tot Ion:172 Resp: 1814507
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 34.745 ng
RT: 13.02 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion:154 Resp: 883214
Ion Ratio Lower Upper
154 100
153 40.2 21.0 61.0
76 14.6 0.0 34.8





#47

2-Chloronaphthalene

Concen: 34.522 ng

RT: 13.06 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

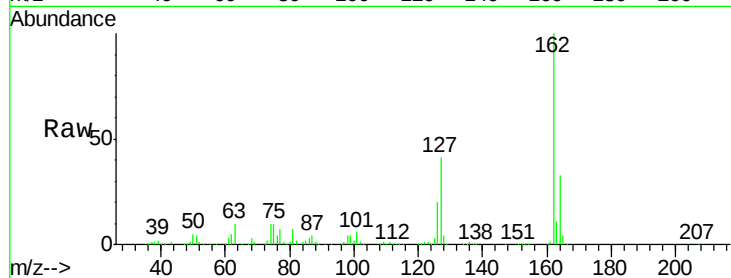
Tot Ion:162 Resp: 669360

Ion Ratio Lower Upper

162 100

127 40.6 32.3 48.5

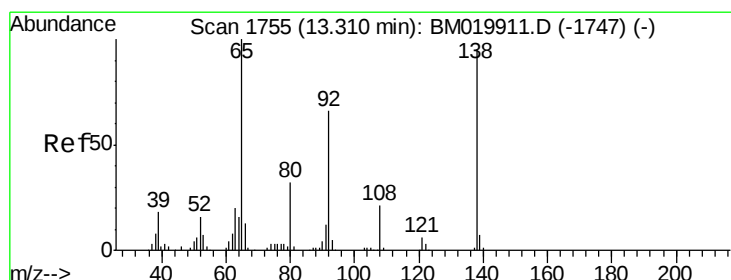
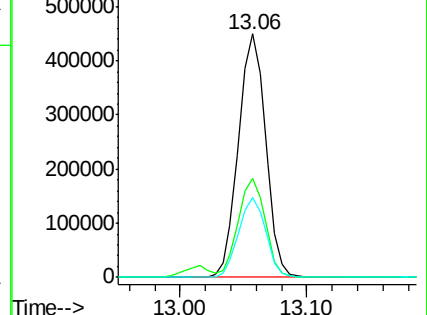
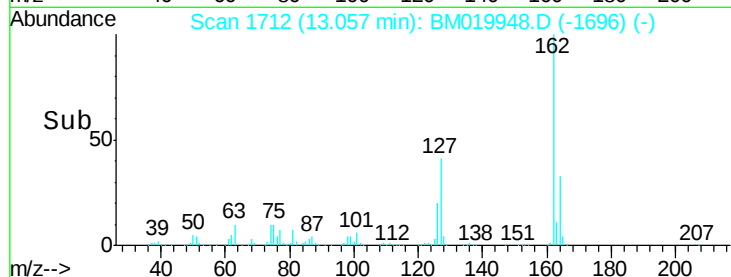
164 32.7 26.3 39.5



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: 29.939 ng

RT: 13.30 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

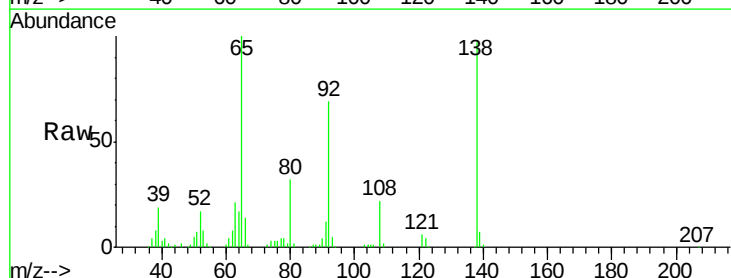
Tgt Ion: 65 Resp: 209246

Ion Ratio Lower Upper

65 100

92 69.0 52.9 79.3

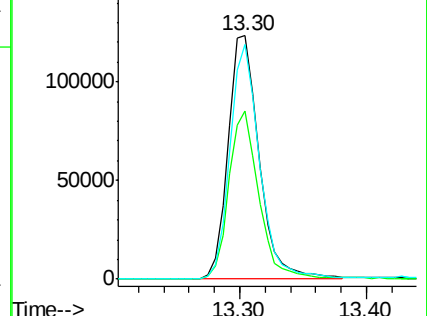
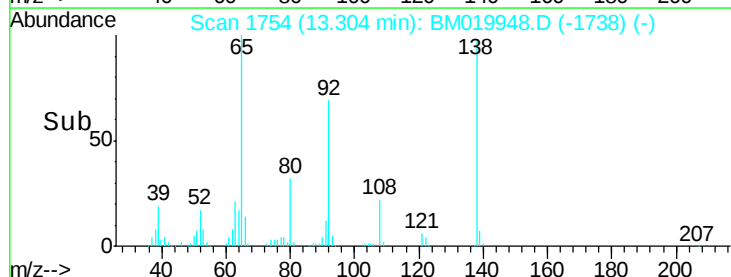
138 96.5 75.8 113.6

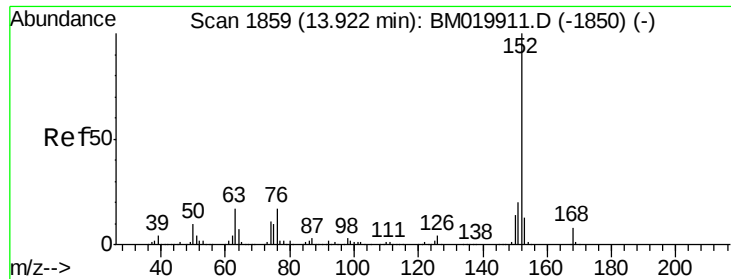


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 30.958 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampled :

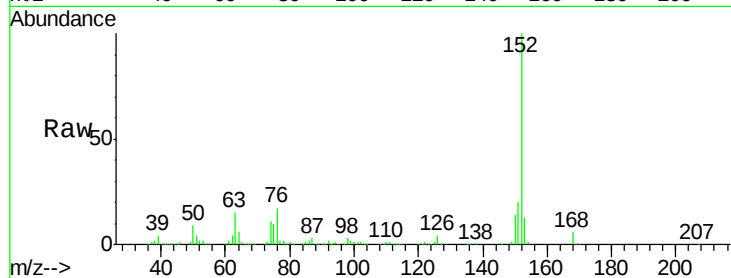
Tot Ion:152 Resp: 1044426

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

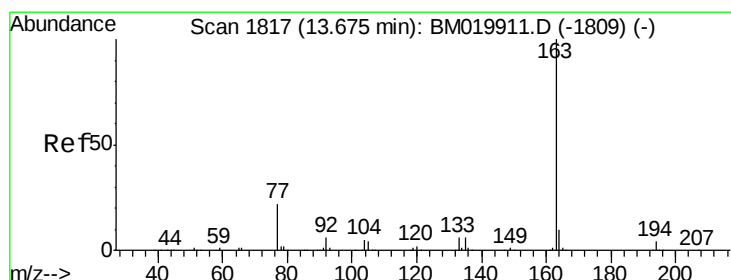
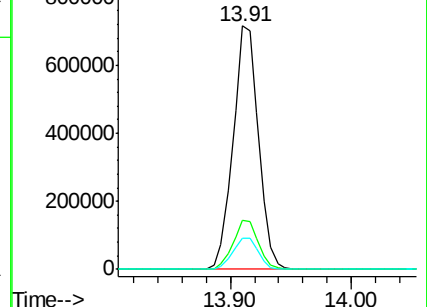
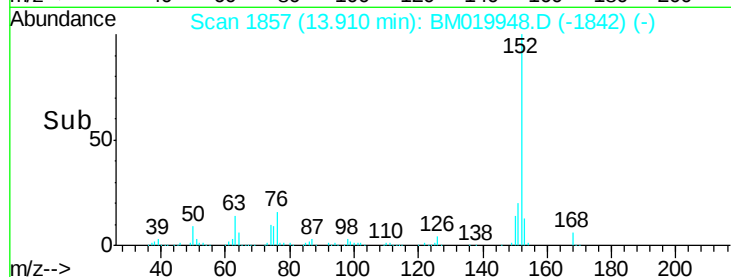
153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.785 ng

RT: 13.66 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

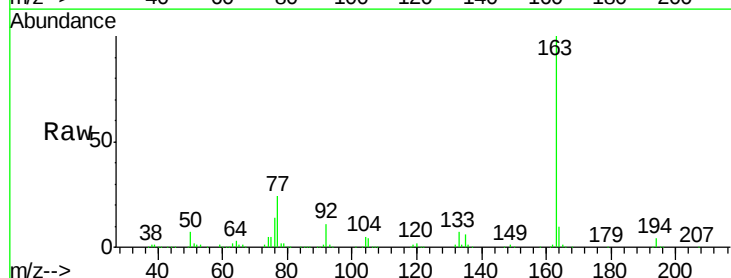
Tgt Ion:163 Resp: 1107584

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

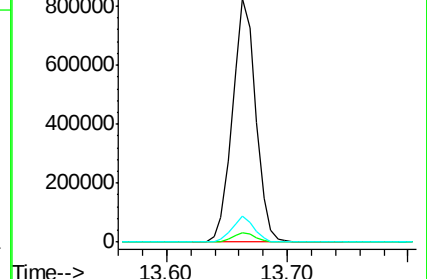
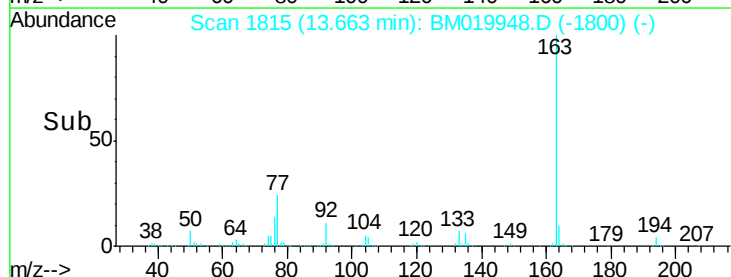
164 10.5 7.9 11.9

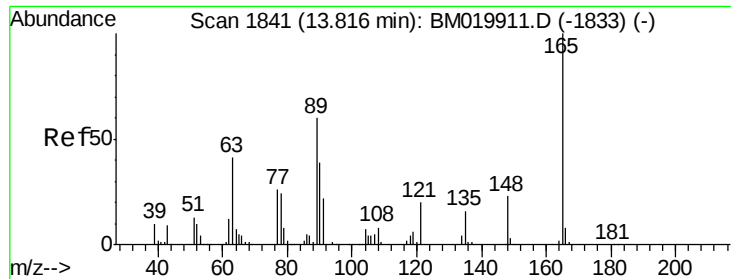


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

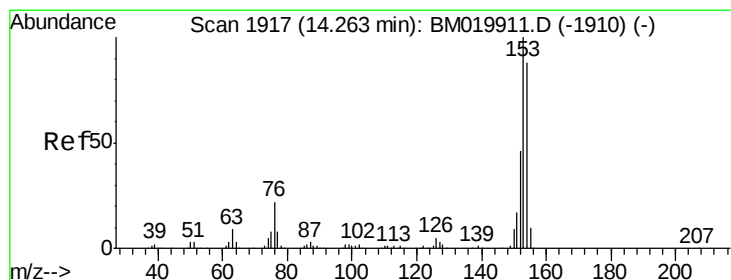
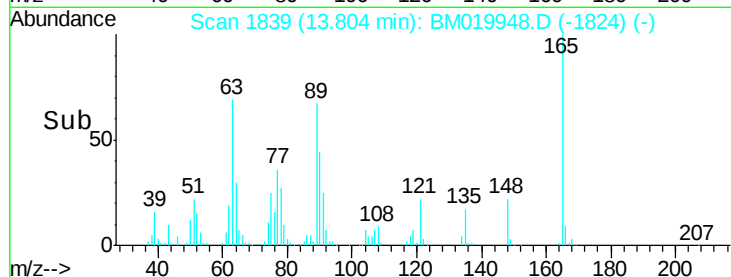
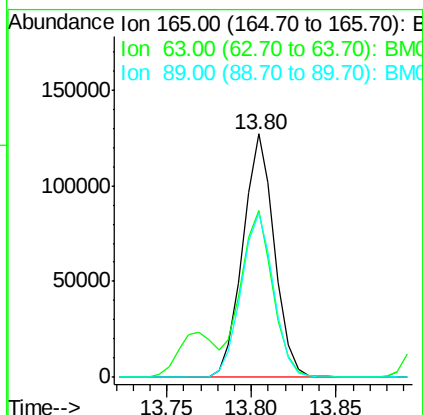
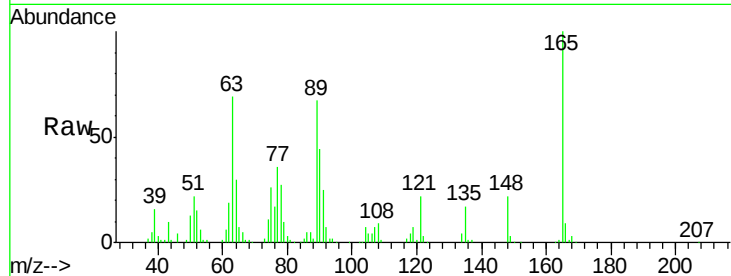




#51
 2,6-Dinitrotoluene
 Concen: 28.803 ng
 RT: 13.80 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BM019948.D
 Acq: 17 Apr 2019 21:04

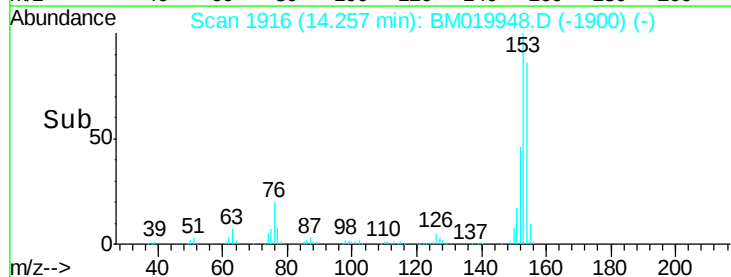
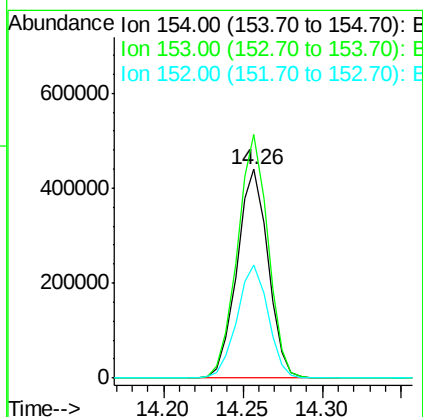
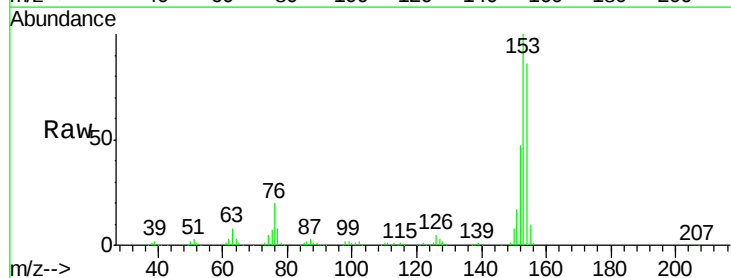
Instrument :
 BNA_M
 ClientSampleId :

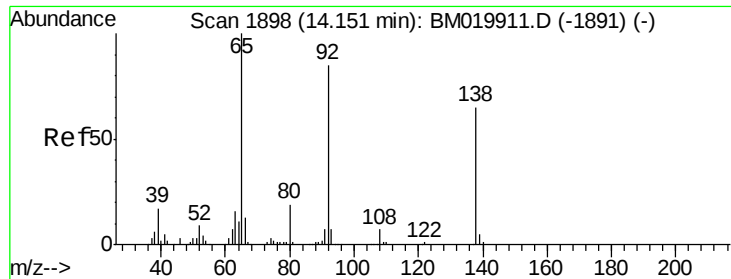
Tot Ion	Ratio	Lower	Upper
165	100		
63	68.6	48.5	72.7
89	67.4	48.2	72.4



#52
 Acenaphthene
 Concen: 31.914 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM019948.D
 Acq: 17 Apr 2019 21:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.8	91.0	136.4
152	54.4	42.2	63.2

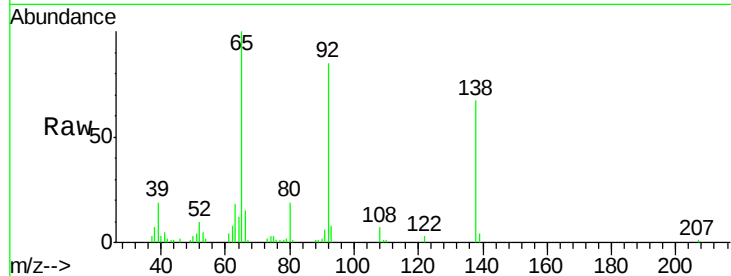




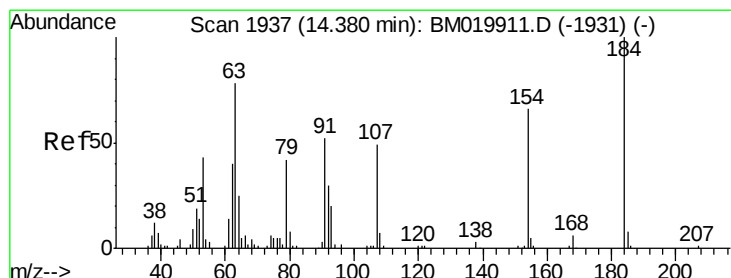
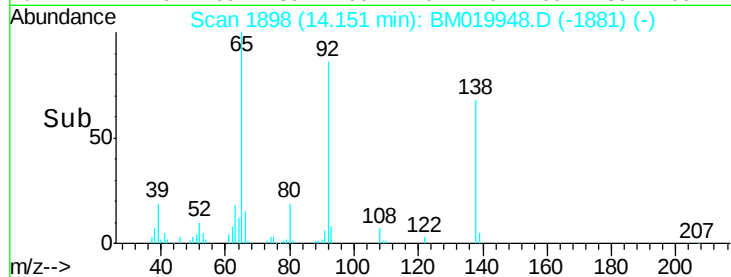
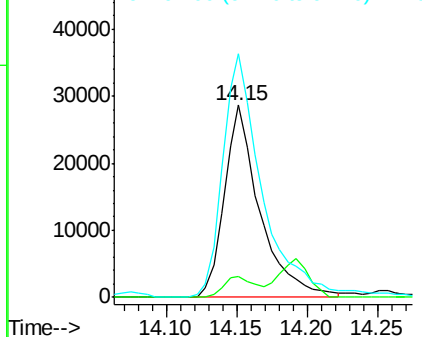
#53
3-Nitroaniline
Concen: 8.765 ng
RT: 14.15 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Instrument :
BNA_M
ClientSampleID :

Tot Ion:138 Resp: 50103
Ion Ratio Lower Upper
138 100
108 10.6 8.9 13.3
92 126.7 103.8 155.8

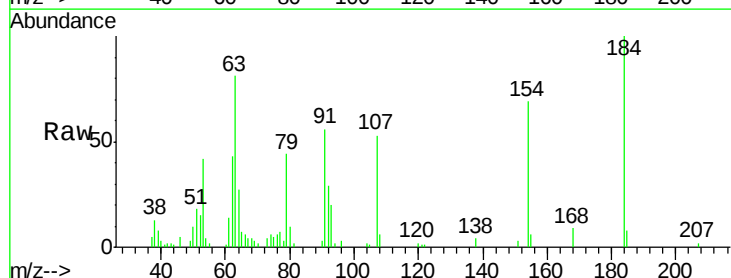


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

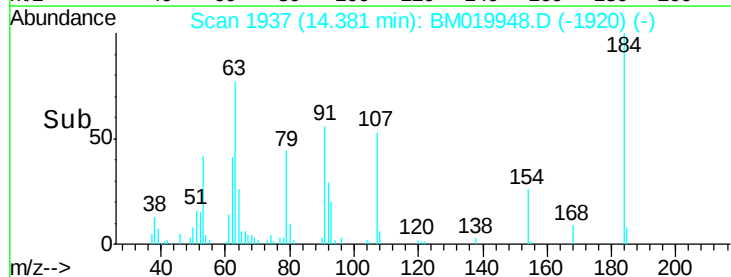
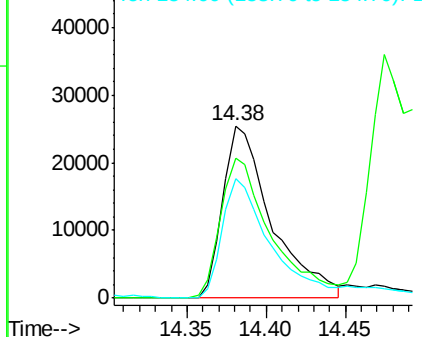


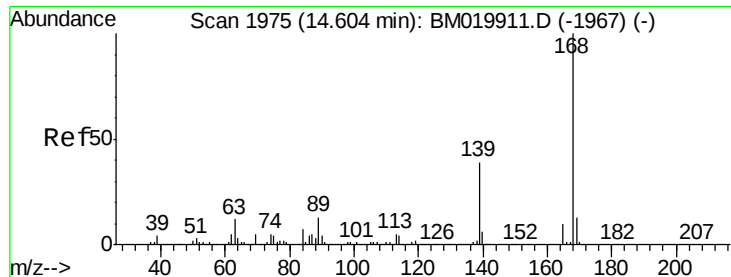
#54
2,4-Dinitrophenol
Concen: 21.886 ng
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion:184 Resp: 54331
Ion Ratio Lower Upper
184 100
63 81.4 62.3 93.5
154 69.4 53.0 79.6



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

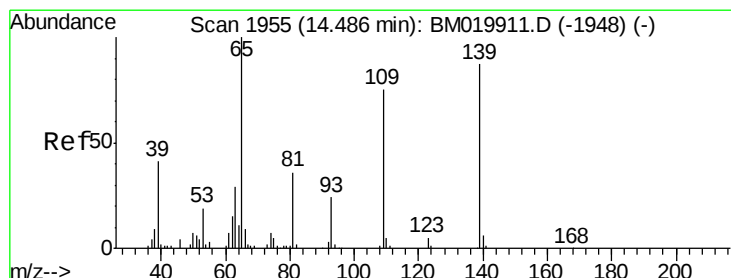
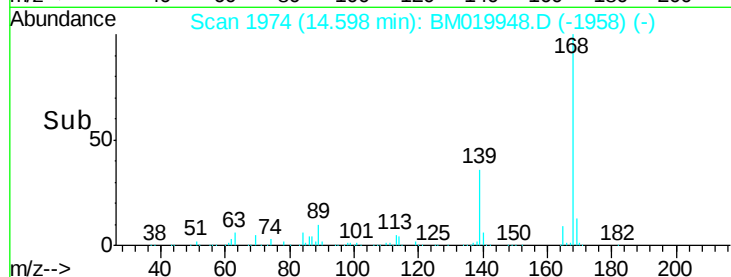
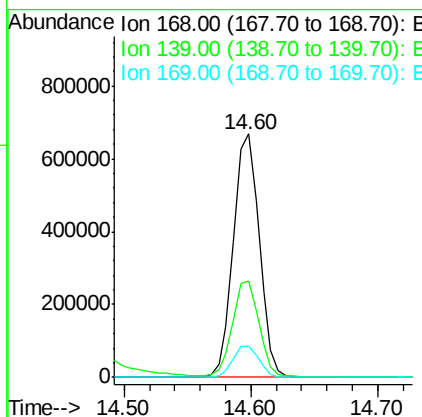
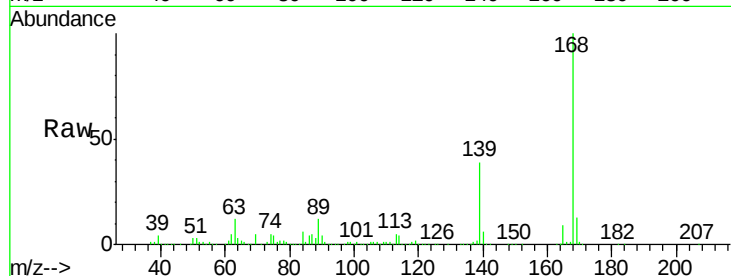




#55
Dibenzofuran
Concen: 30.858 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

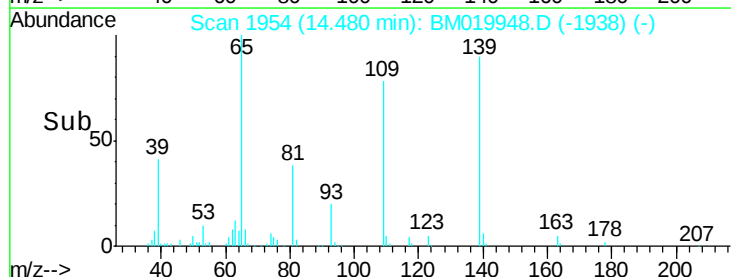
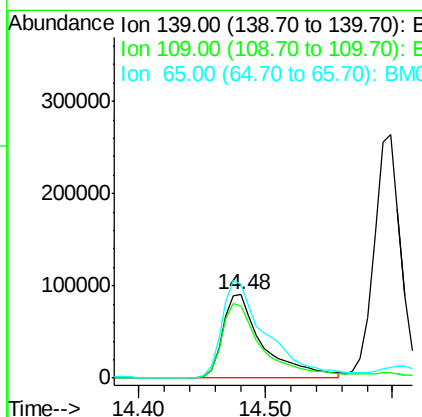
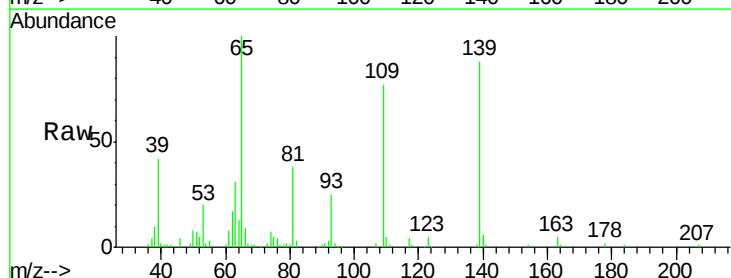
Instrument :
BNA_M
ClientSampleId :

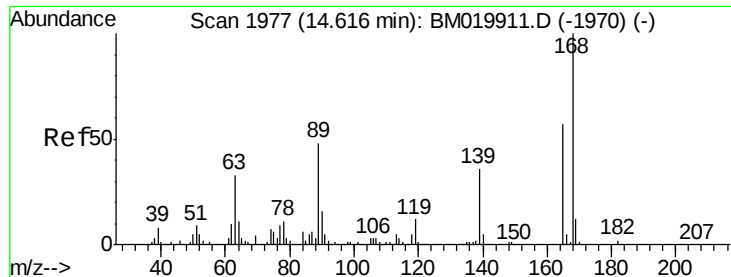
Tot Ion:168 Resp: 943877
Ion Ratio Lower Upper
168 100
139 39.5 31.5 47.3
169 12.9 10.6 16.0



#56
4-Nitrophenol
Concen: 47.126 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion:139 Resp: 200833
Ion Ratio Lower Upper
139 100
109 87.0 65.3 105.3
65 113.5 94.9 134.9

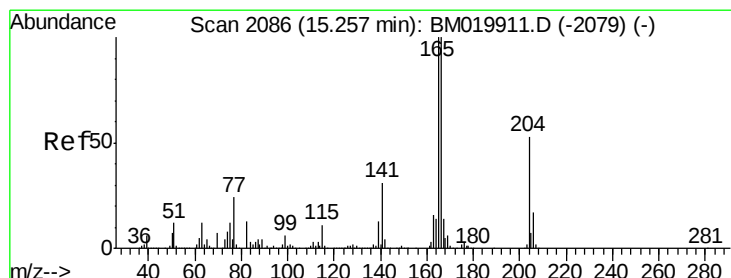
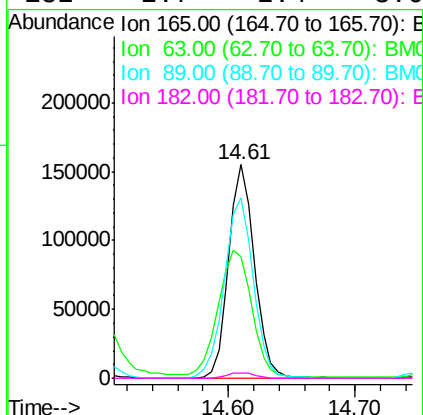
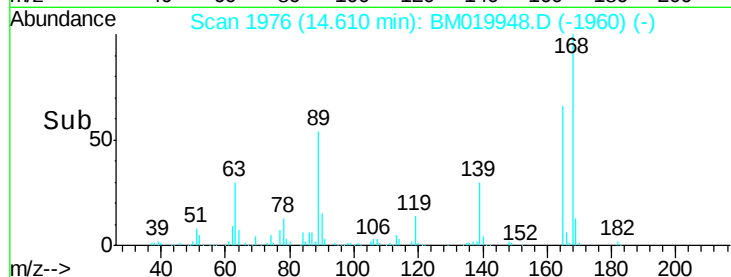
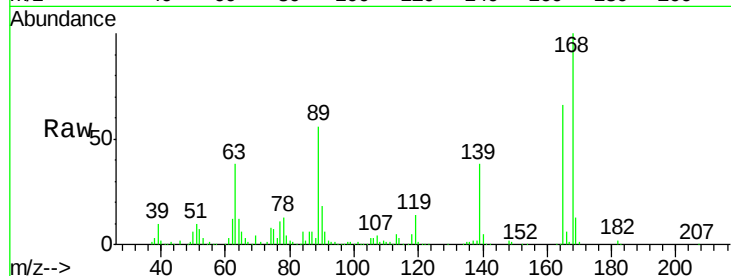




#57
 2,4-Dinitrotoluene
 Concen: 26.600 ng
 RT: 14.61 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BM019948.D
 Acq: 17 Apr 2019 21:04

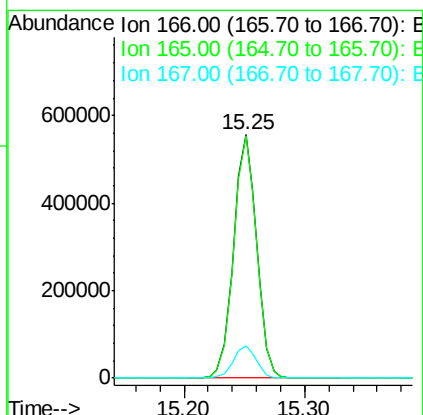
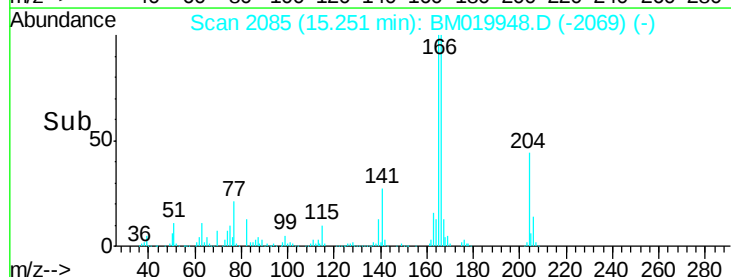
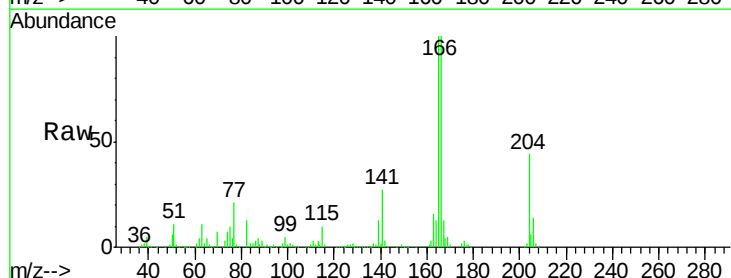
Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.1	46.0	69.0
89	84.3	67.5	101.3
182	2.7	2.4	3.6



#58
 Fluorene
 Concen: 28.505 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM019948.D
 Acq: 17 Apr 2019 21:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.1	120.1
167	13.2	11.0	16.4

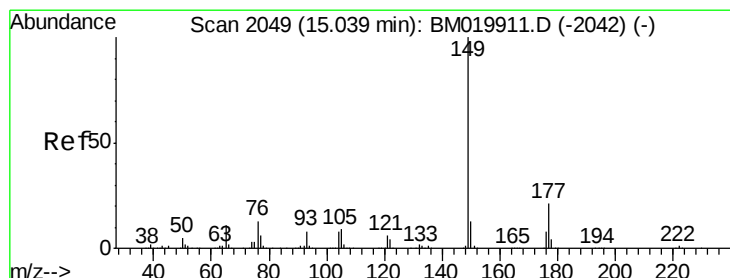
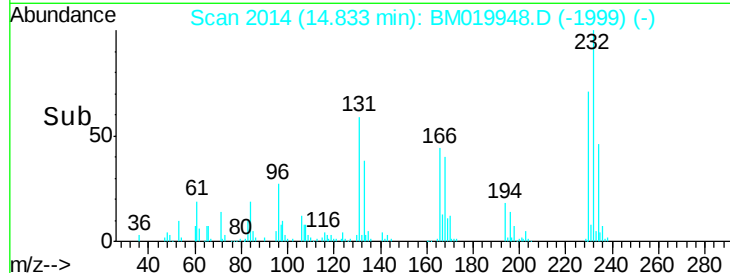
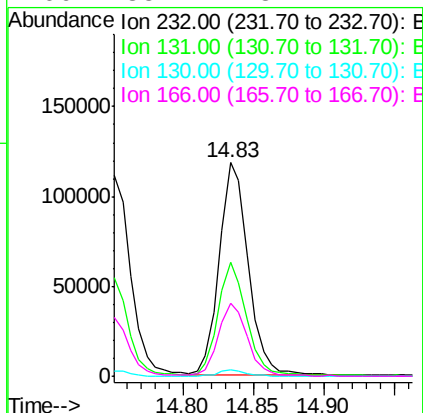
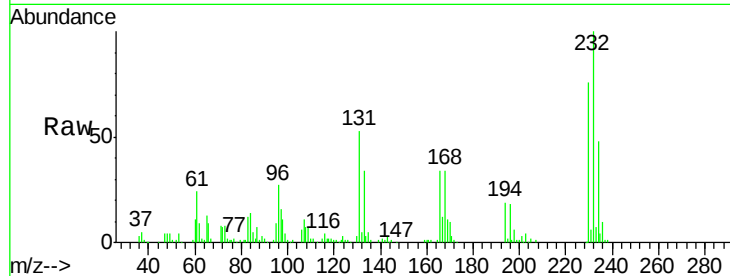




#59
2,3,4,6-Tetrachlorophenol
Concen: 28.838 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

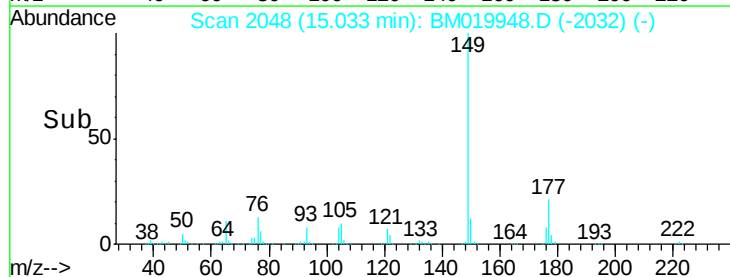
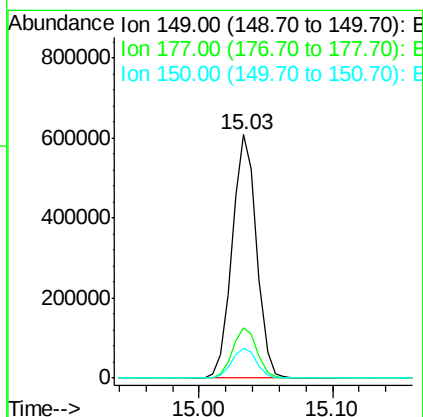
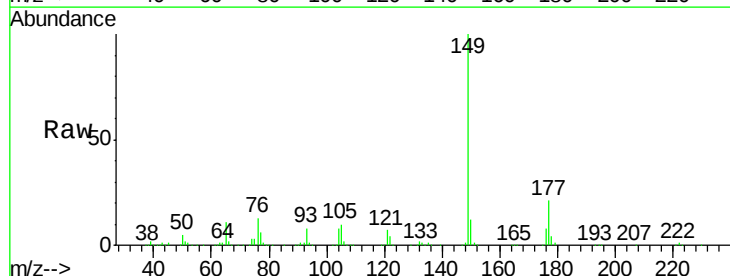
Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.5	42.1	63.1
130	3.0	2.2	3.4
166	35.1	28.1	42.1



#60
Diethylphthalate
Concen: 28.826 ng
RT: 15.03 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.6	25.0
150	12.3	10.0	15.0

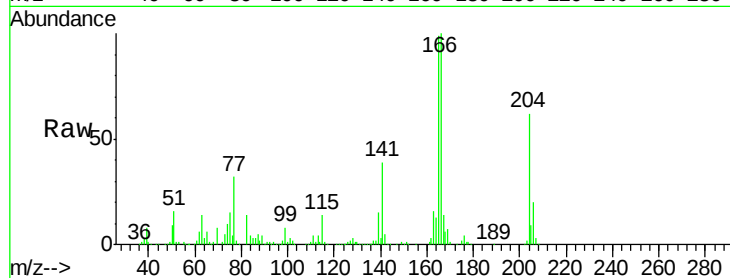




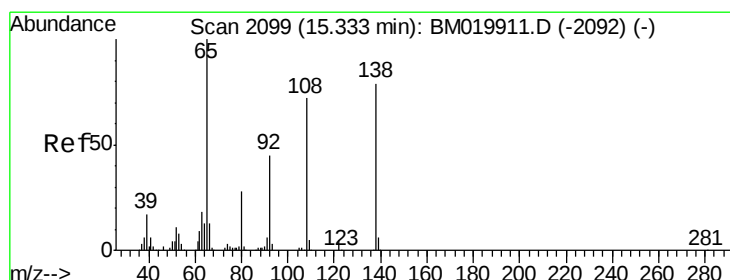
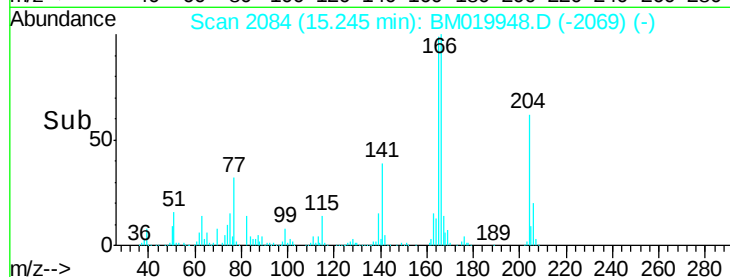
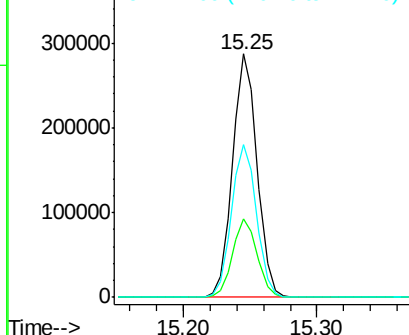
#61
4-Chlorophenyl-phenylether
Concen: 29.554 ng
RT: 15.25 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 368805
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 62.9 47.0 70.4

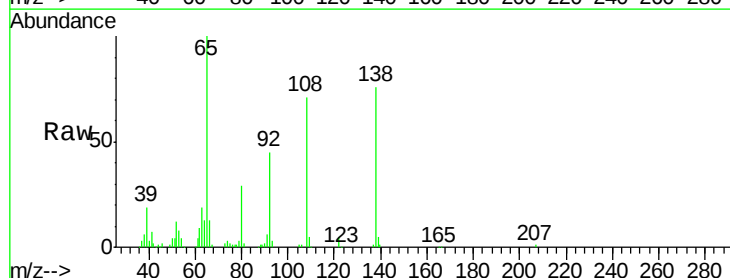


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

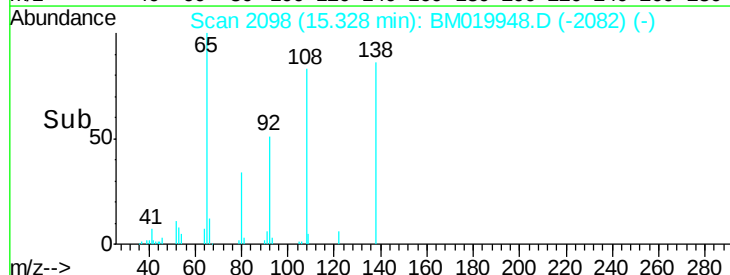
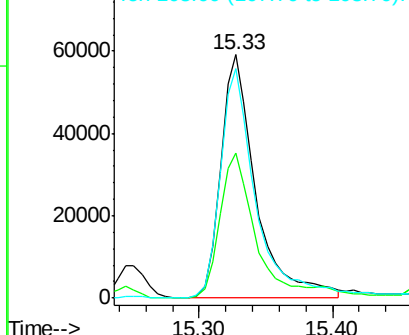


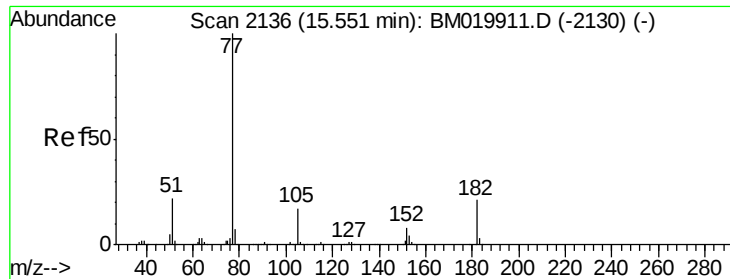
#62
4-Nitroaniline
Concen: 19.369 ng
RT: 15.33 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion:138 Resp: 109082
Ion Ratio Lower Upper
138 100
92 59.7 36.8 76.8
108 94.5 71.5 111.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

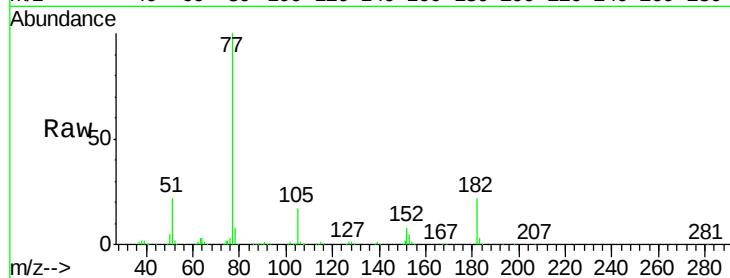




#63
Azobenzene
Concen: 29.390 ng
RT: 15.55 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.8	1.0	41.0
105	17.3	0.0	37.1
51	22.2	2.1	42.1



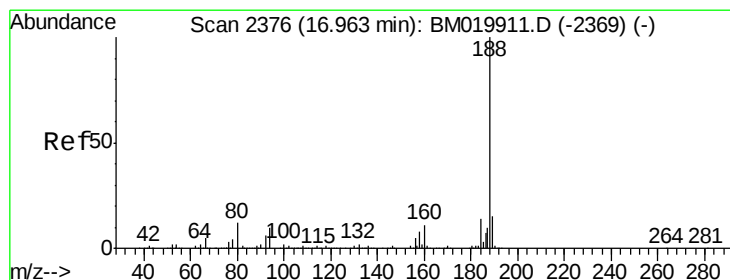
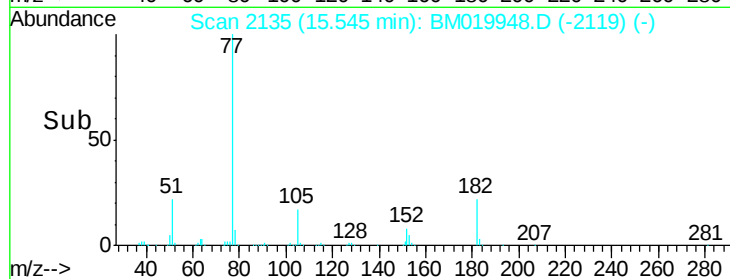
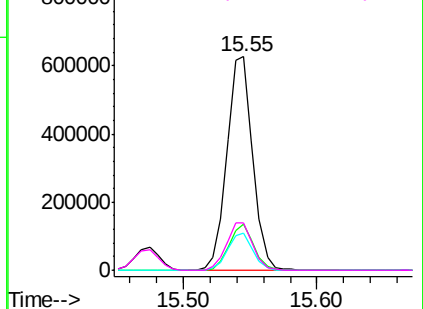
Abundance

Ion 77.00 (76.70 to 77.70): BM019948.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM019948.D (-2130) (-)

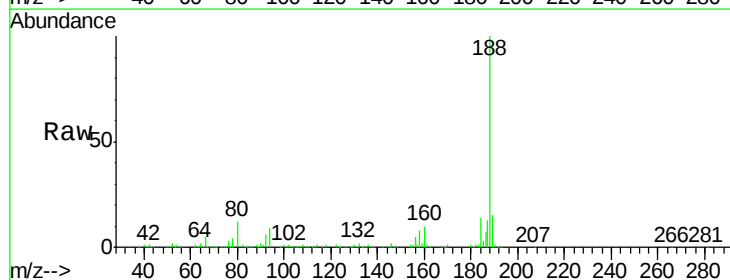
Ion 105.00 (104.70 to 105.70): BM019948.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM019948.D (-2130) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	11.8	9.4	14.0

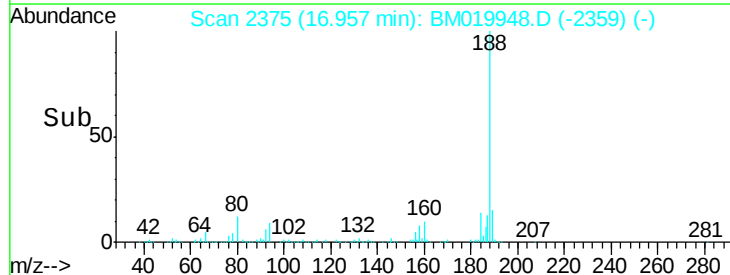
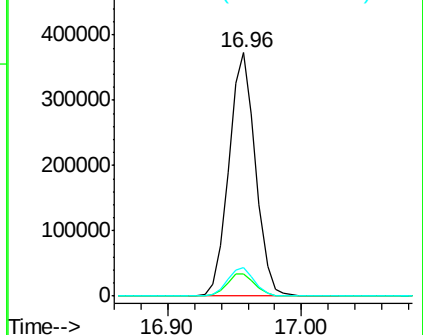


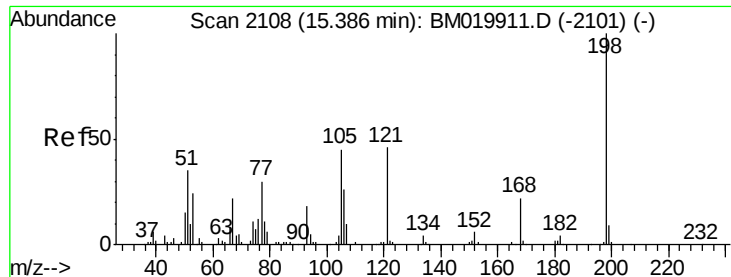
Abundance

Ion 188.00 (187.70 to 188.70): BM019948.D (-2369) (-)

Ion 94.00 (93.70 to 94.70): BM019948.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM019948.D (-2369) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 16.515 ng

RT: 15.39 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampled :

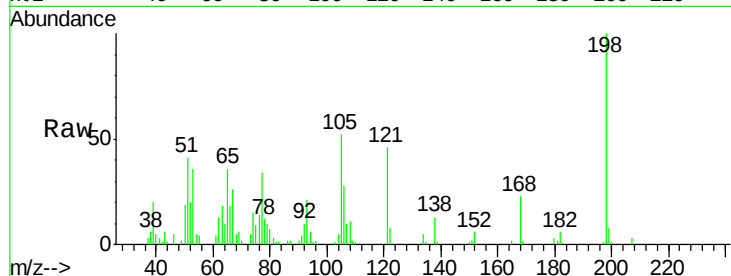
Tot Ion:198 Resp: 54847

Ion Ratio Lower Upper

198 100

51 41.0 17.9 57.9

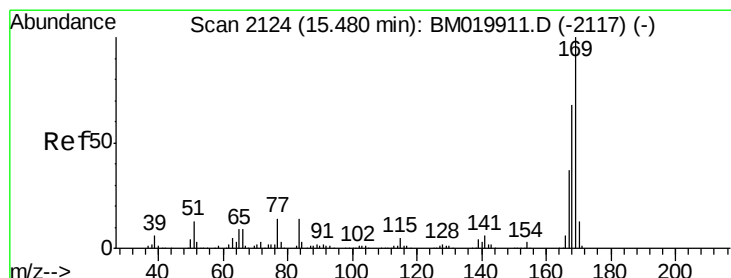
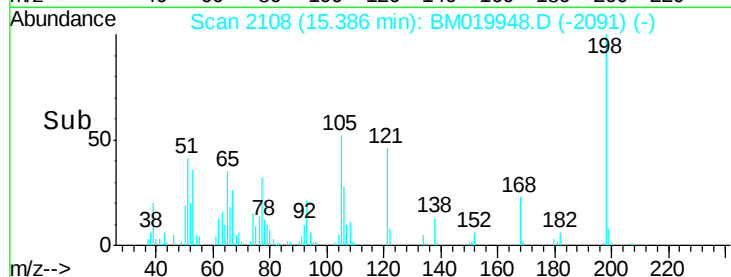
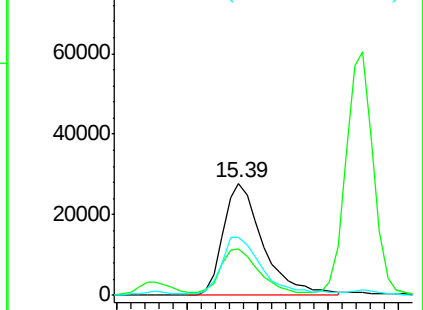
105 51.5 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.857 ng

RT: 15.47 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

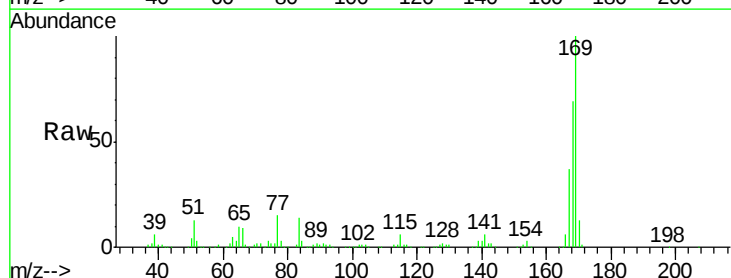
Tgt Ion:169 Resp: 610180

Ion Ratio Lower Upper

169 100

168 68.9 54.7 82.1

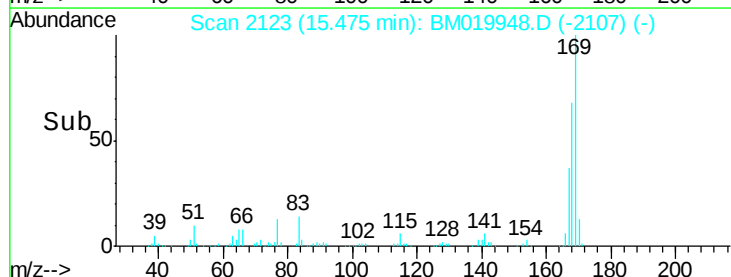
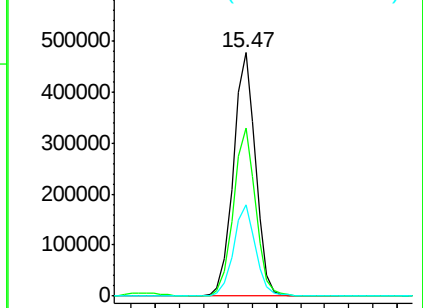
167 37.4 29.4 44.0

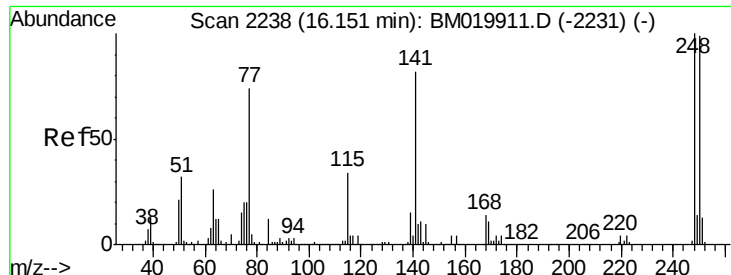


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

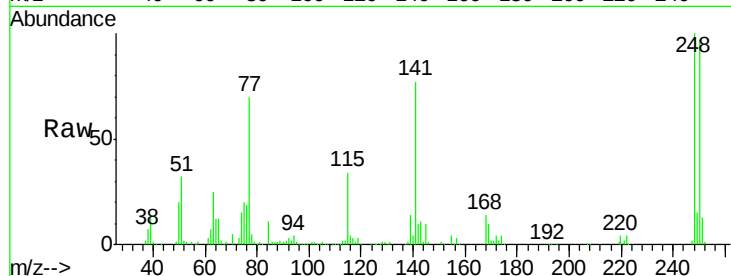




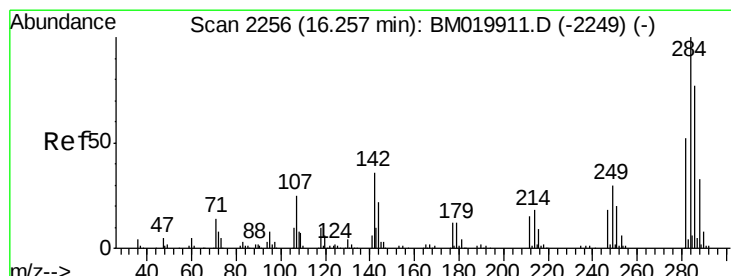
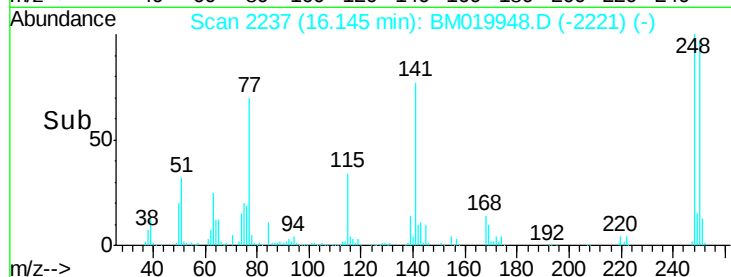
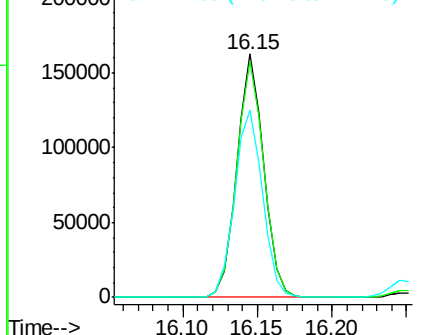
#67
4-Bromophenyl-phenylether
Concen: 33.819 ng
RT: 16.15 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 202389
Ion Ratio Lower Upper
248 100
250 96.9 78.9 118.3
141 76.8 65.6 98.4

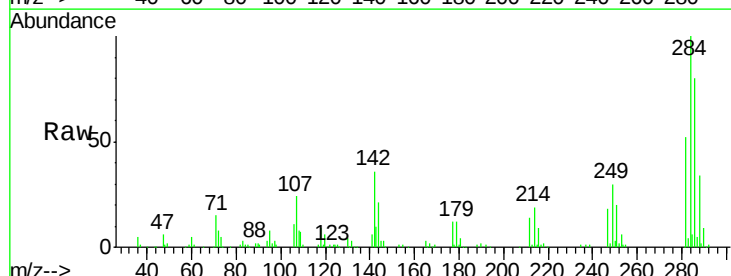


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

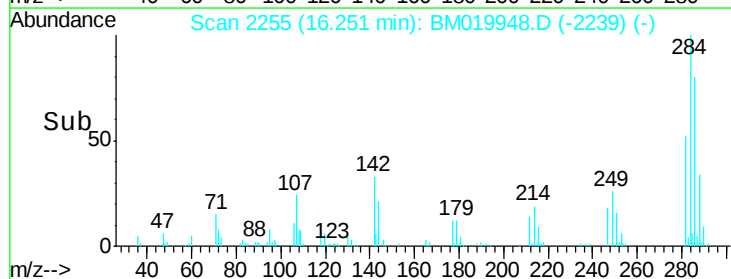
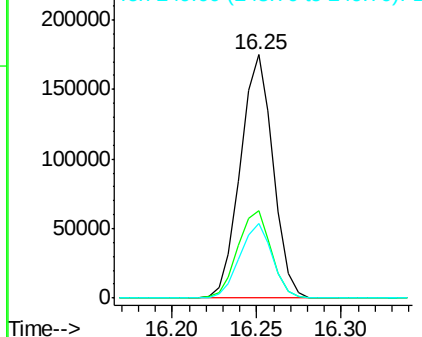


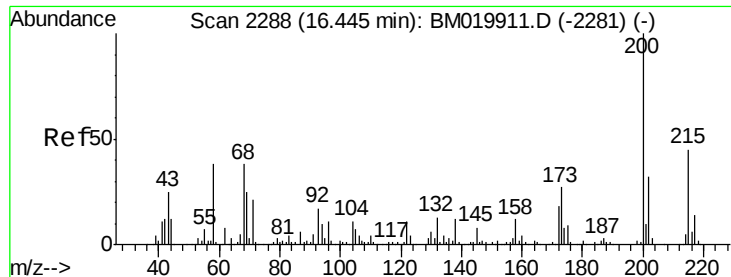
#68
Hexachlorobenzene
Concen: 32.846 ng
RT: 16.25 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion:284 Resp: 235860
Ion Ratio Lower Upper
284 100
142 35.7 28.9 43.3
249 30.4 23.8 35.6



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: 32.913 ng

RT: 16.44 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

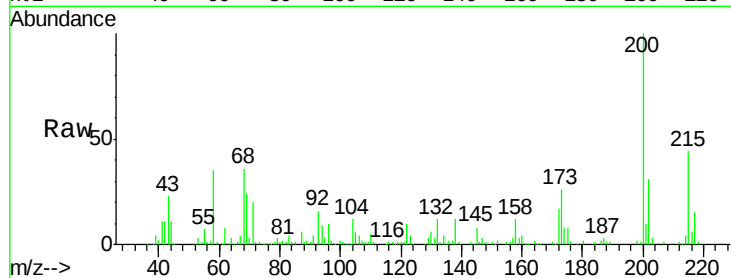
Tot Ion:200 Resp: 190134

Ion Ratio Lower Upper

200 100

173 26.1 7.2 47.2

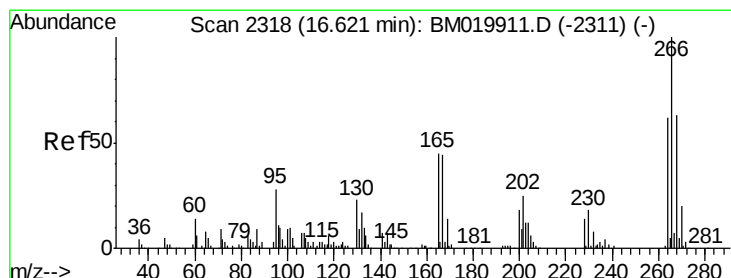
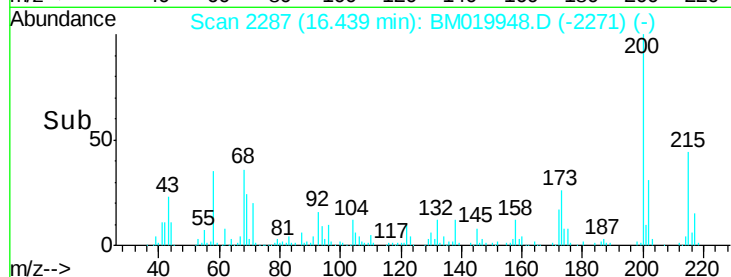
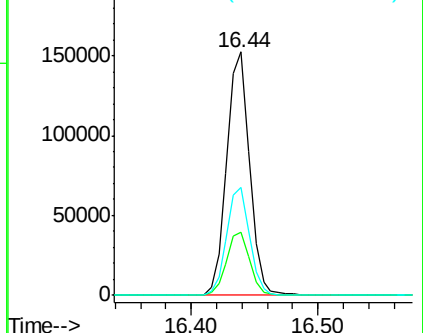
215 44.5 25.4 65.4



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: 62.489 ng

RT: 16.62 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

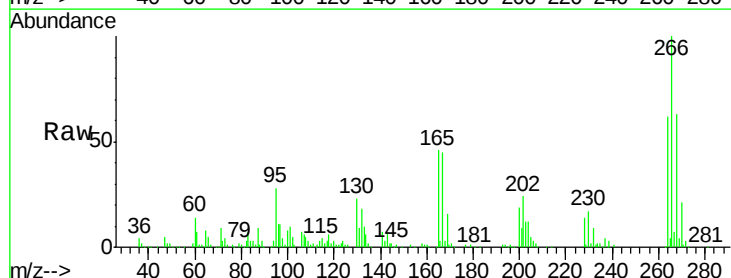
Tgt Ion:266 Resp: 229270

Ion Ratio Lower Upper

266 100

268 63.3 50.3 75.5

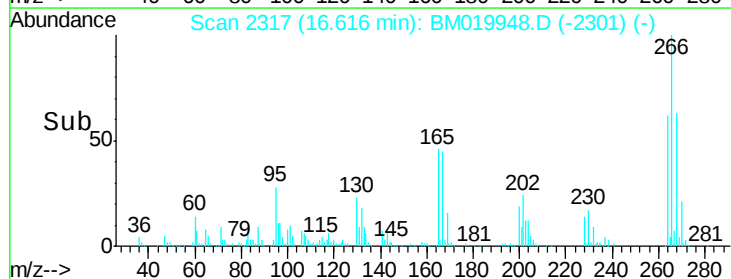
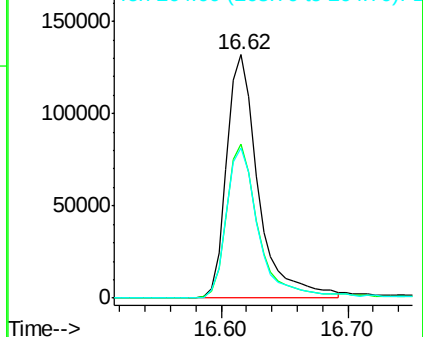
264 61.9 49.8 74.8

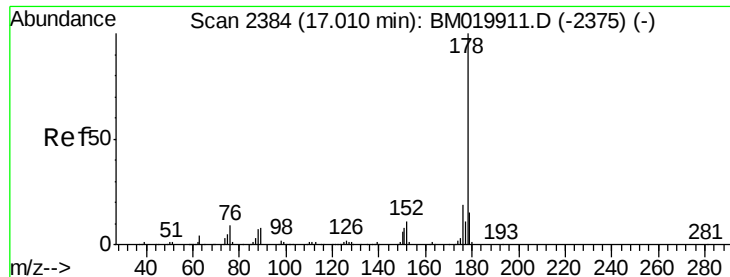


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

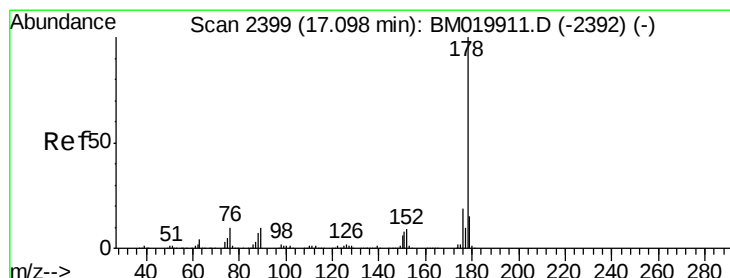
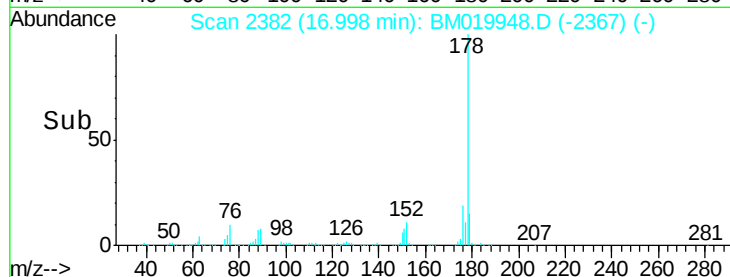
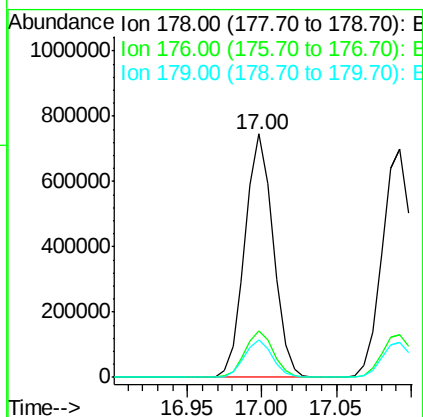
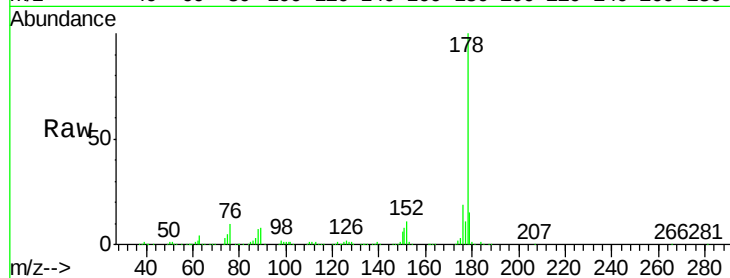




#71
Phenanthrene
Concen: 31.778 ng
RT: 17.00 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

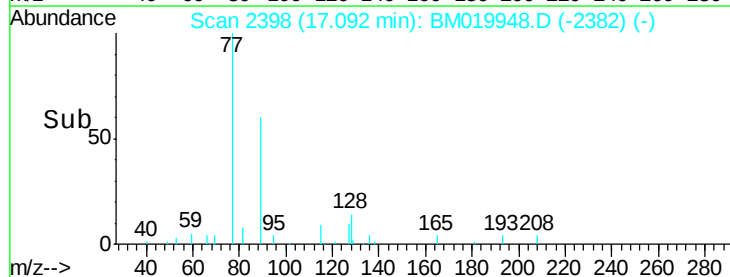
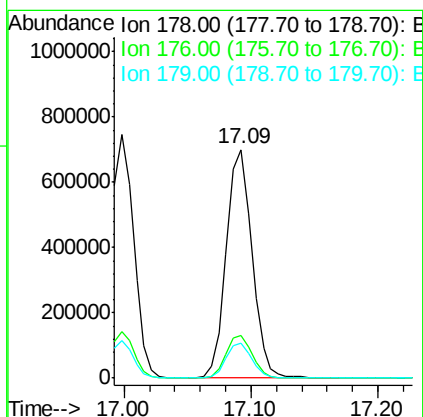
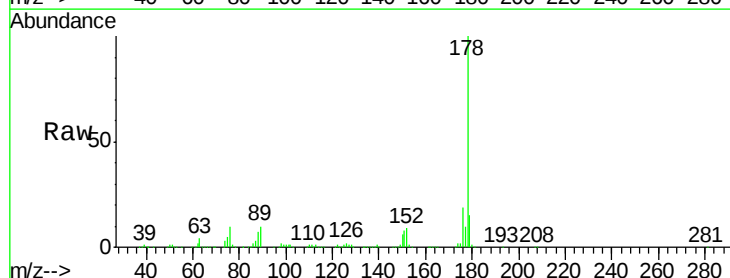
Instrument :
BNA_M
ClientSampleId :

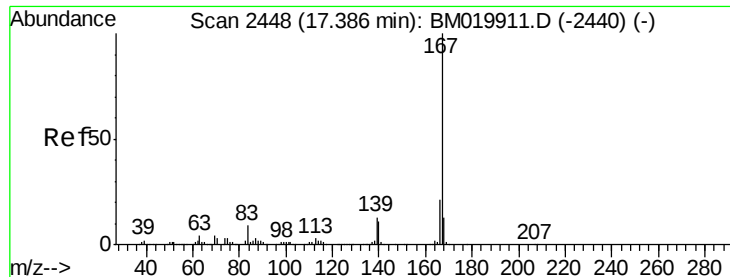
Tot Ion:178 Resp: 981609
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.2 12.2 18.4



#72
Anthracene
Concen: 31.916 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM019948.D
Acq: 17 Apr 2019 21:04

Tgt Ion:178 Resp: 981343
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.0 12.2 18.4





#73

Carbazole

Concen: 29.806 ng

RT: 17.38 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

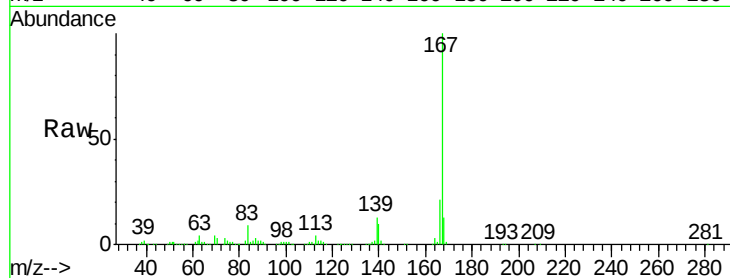
Tot Ion:167 Resp: 855674

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

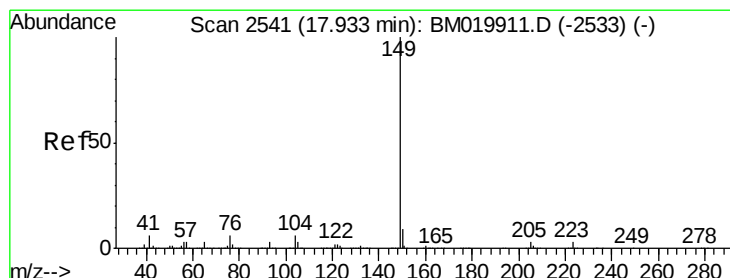
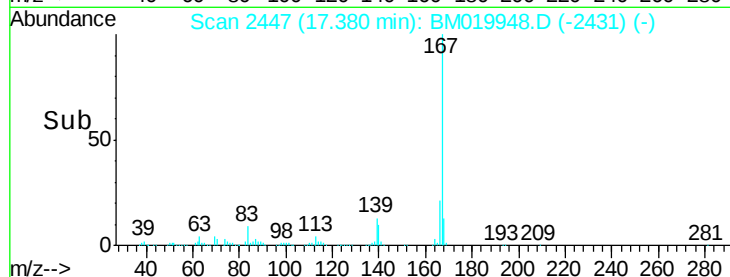
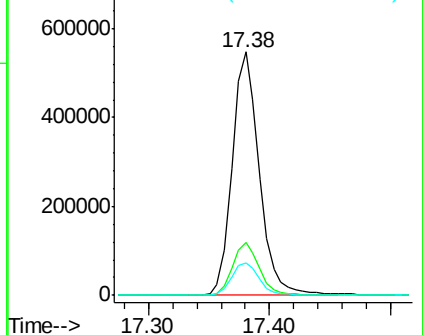
139 13.2 10.7 16.1



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: 30.666 ng

RT: 17.92 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

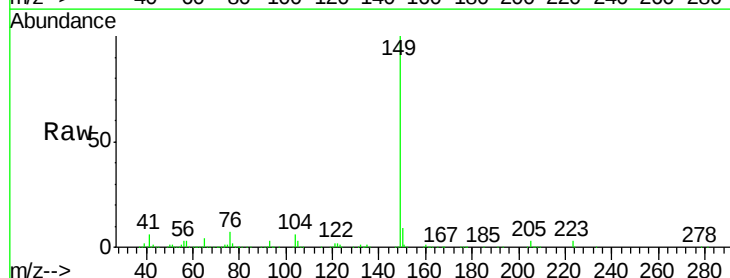
Tgt Ion:149 Resp: 1156162

Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

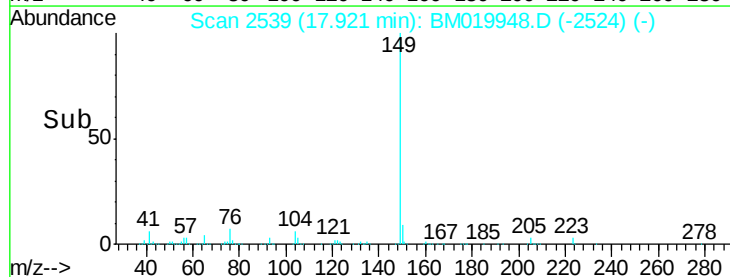
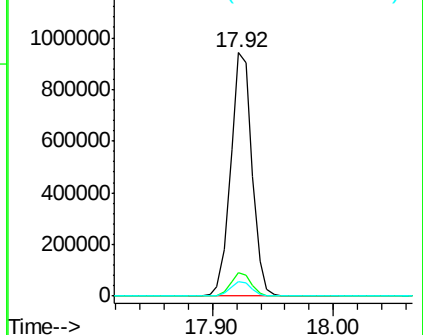
104 5.9 4.6 7.0

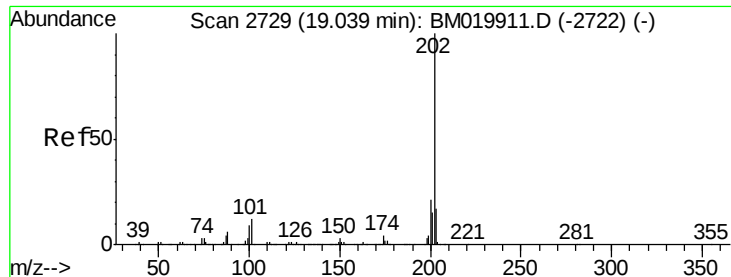


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 27.890 ng

RT: 19.03 min Scan# 2727

Delta R.T. -0.01 min

Lab File: BM019948.D

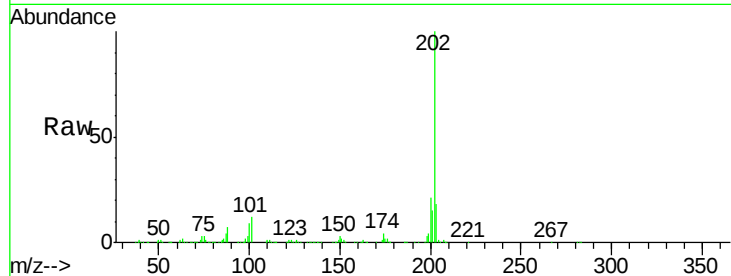
Acq: 17 Apr 2019 21:04

Instrument :

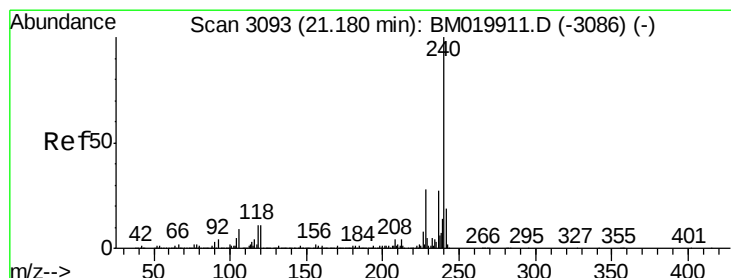
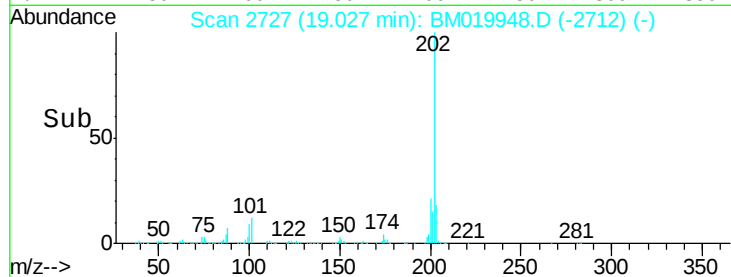
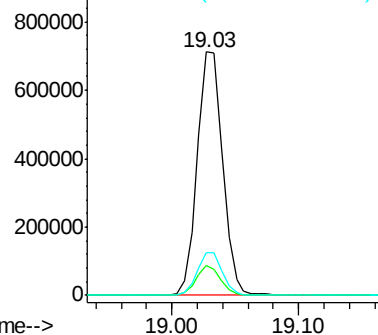
BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	991422
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.7
203	17.8	0.0	37.4



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

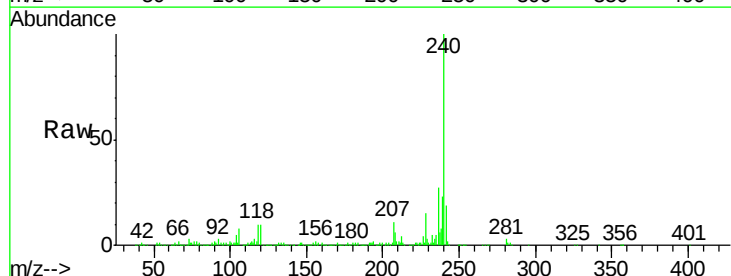
RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

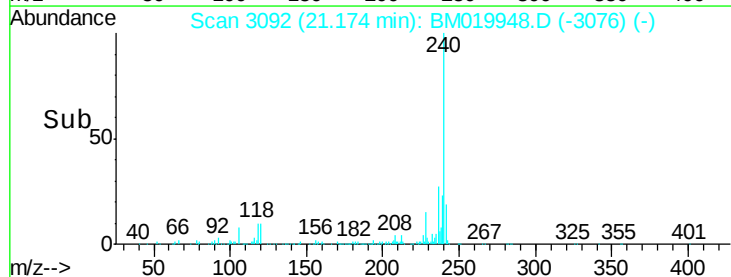
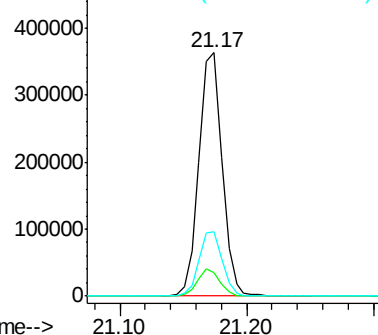
Lab File: BM019948.D

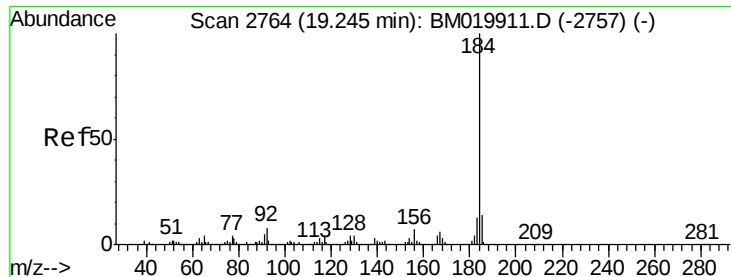
Acq: 17 Apr 2019 21:04

Tgt Ion:	240	Resp:	460184
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.6	13.0
236	26.5	21.4	32.2



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: 33.606 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

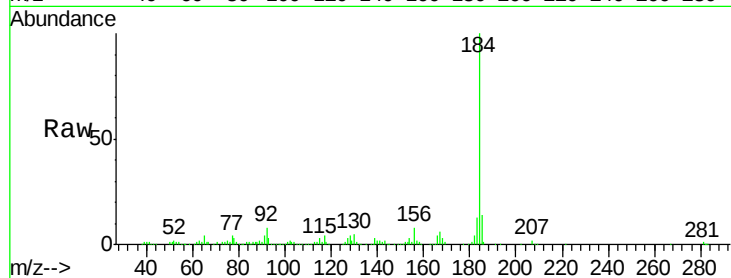
Tot Ion:184 Resp: 426701

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.6

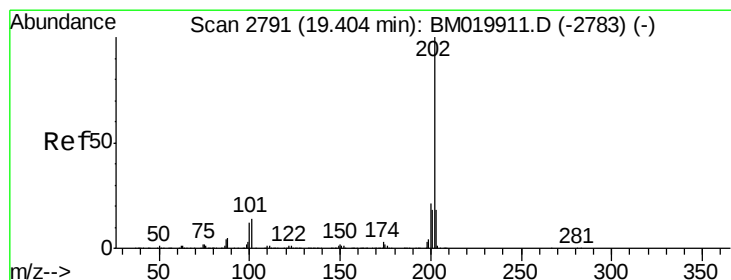
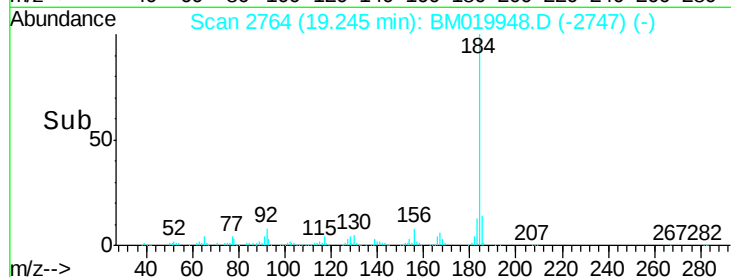
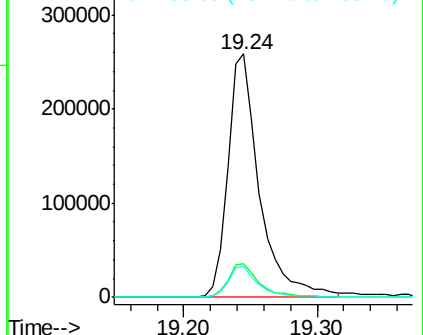
183 13.0 10.1 15.1



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: 33.200 ng

RT: 19.40 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

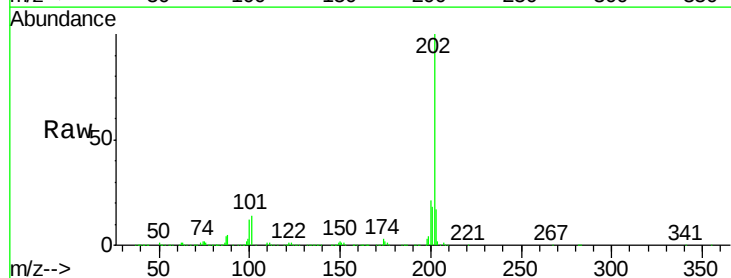
Tgt Ion:202 Resp: 1011755

Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.4

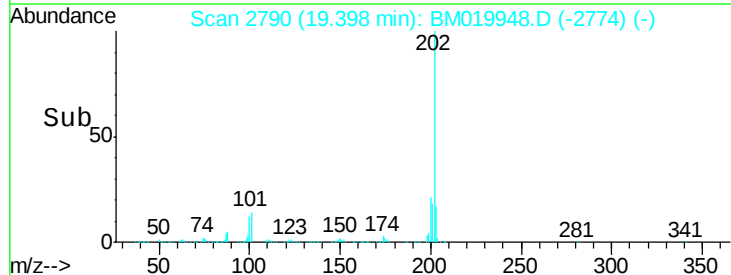
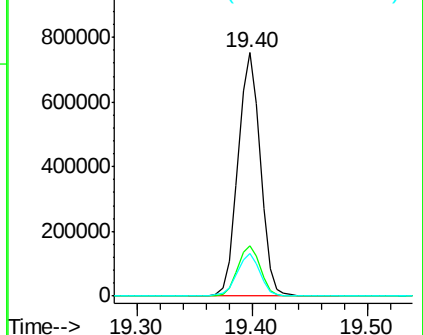
203 17.4 14.0 21.0

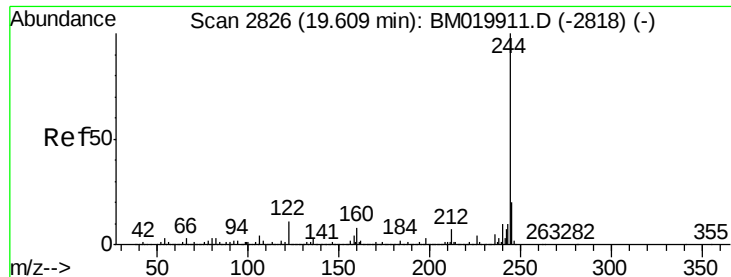


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.922 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

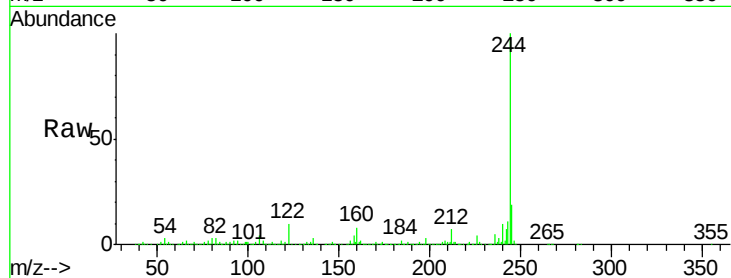
Tot Ion:244 Resp: 1667736

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

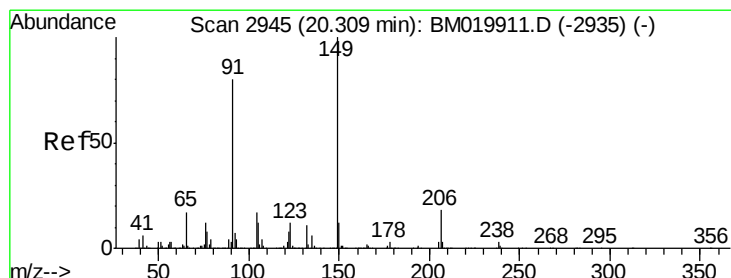
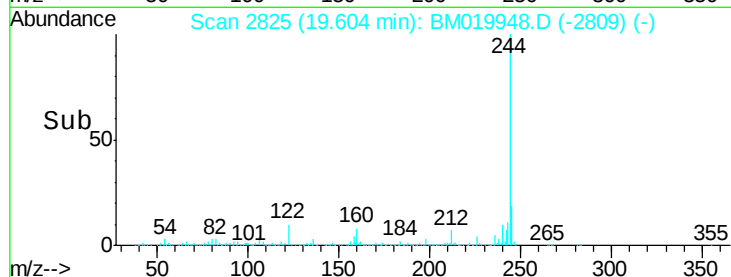
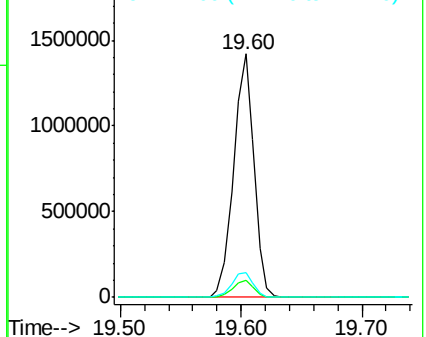
122 10.2 9.1 13.7



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: 32.066 ng

RT: 20.30 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

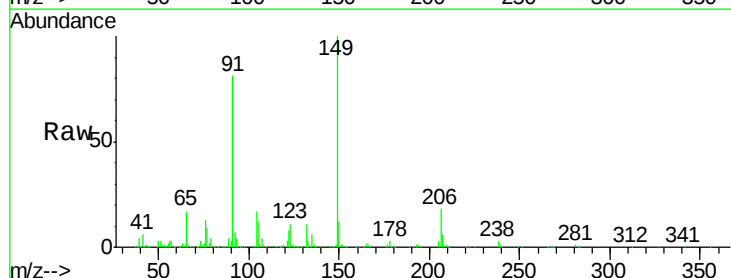
Tgt Ion:149 Resp: 473761

Ion Ratio Lower Upper

149 100

91 80.5 63.7 95.5

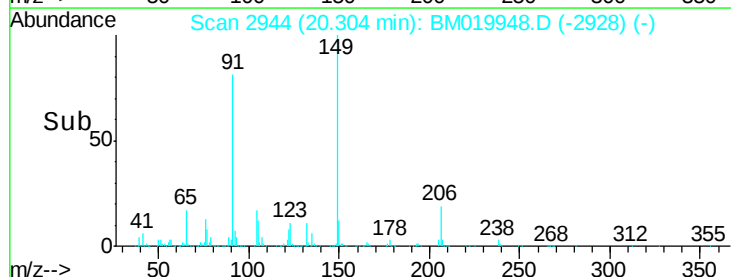
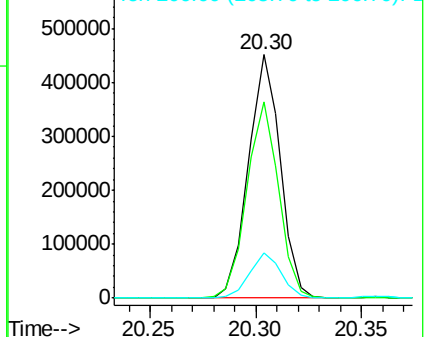
206 18.5 14.6 21.8

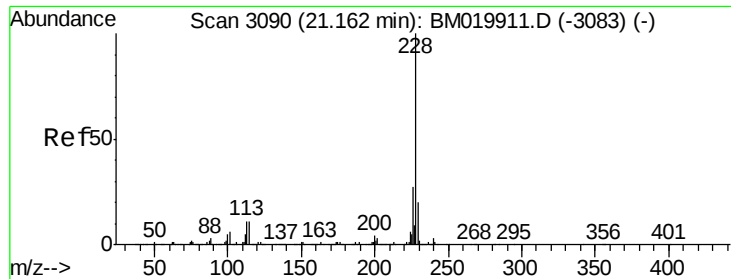


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.907 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

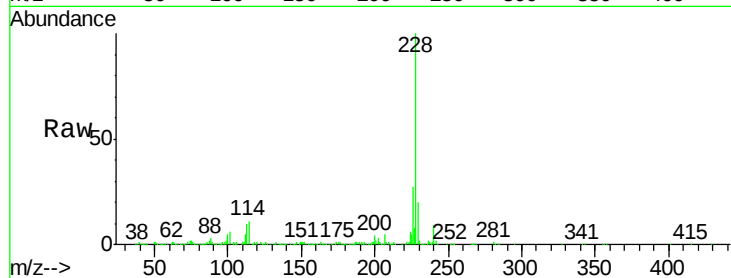
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 988423

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.8	15.9	23.9

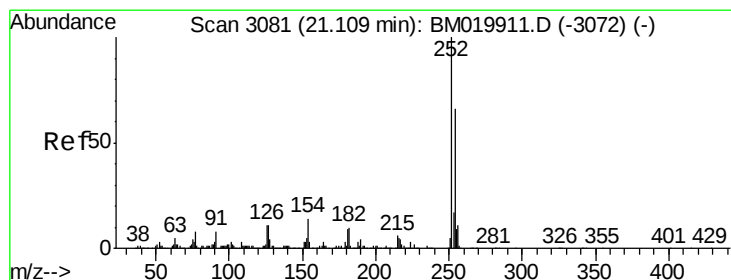
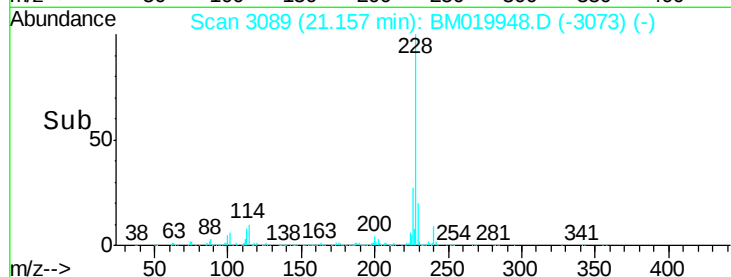
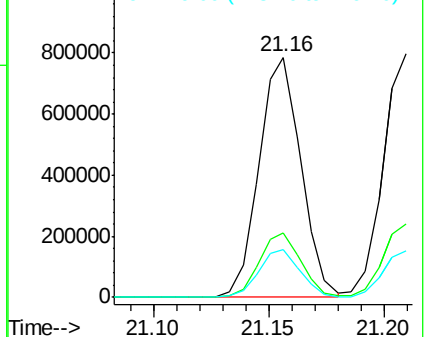


Abundance

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: 18.799 ng

RT: 21.10 min Scan# 3080

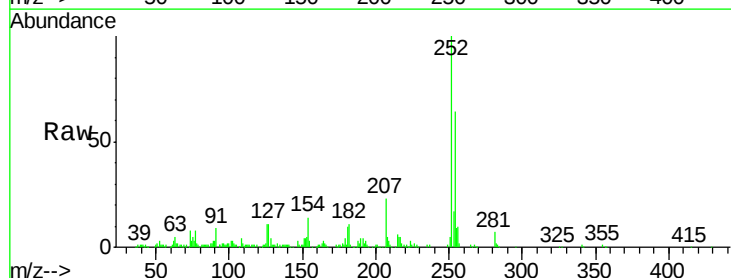
Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Tgt Ion:252 Resp: 203898

Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.6	78.8
126	10.8	8.6	12.8

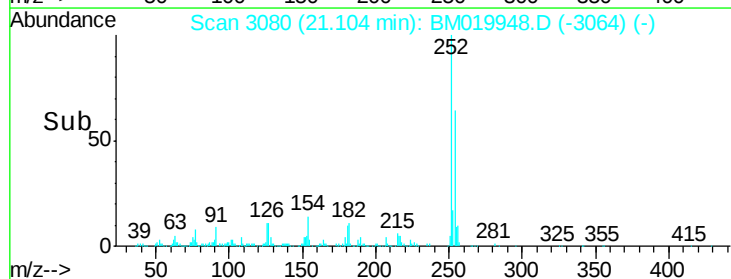
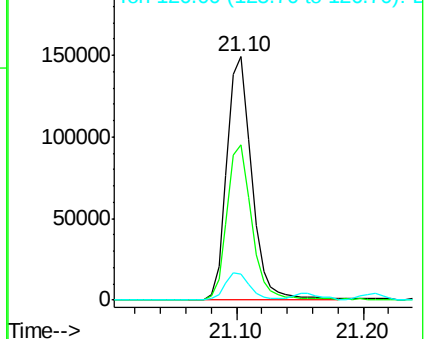


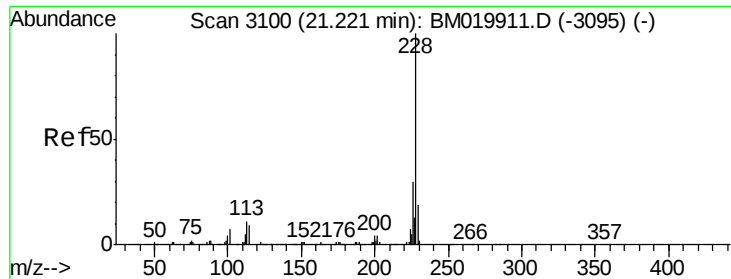
Abundance

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

Chrvsene

Concen: 35.402 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

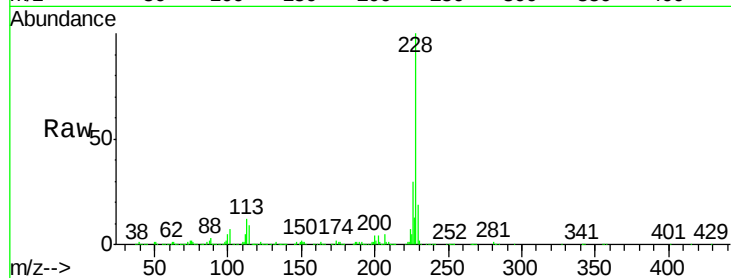
Tot Ion:228 Resp: 989714

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

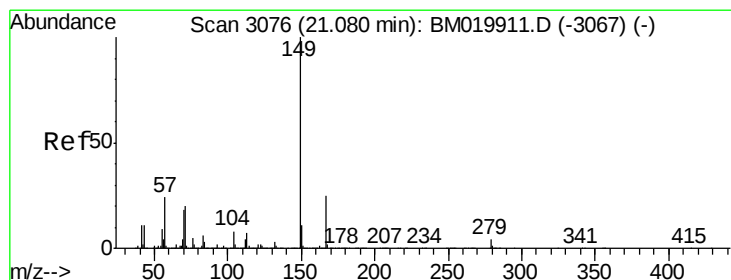
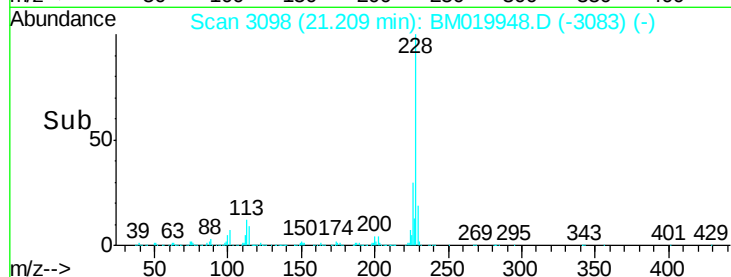
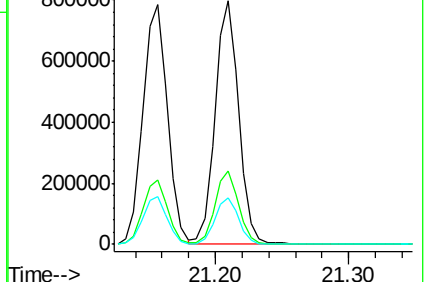
229 19.3 15.6 23.4



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

Bis(2-ethylhexyl)phthalate

Concen: 32.087 ng

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

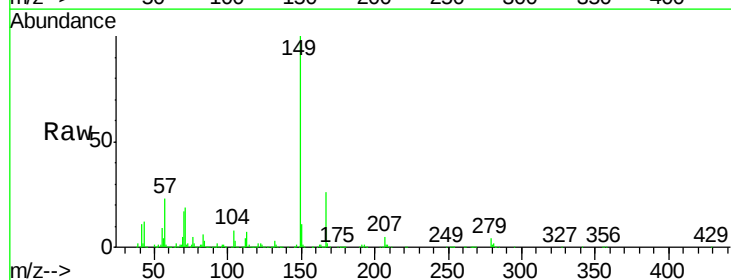
Tgt Ion:149 Resp: 705785

Ion Ratio Lower Upper

149 100

167 25.7 20.3 30.5

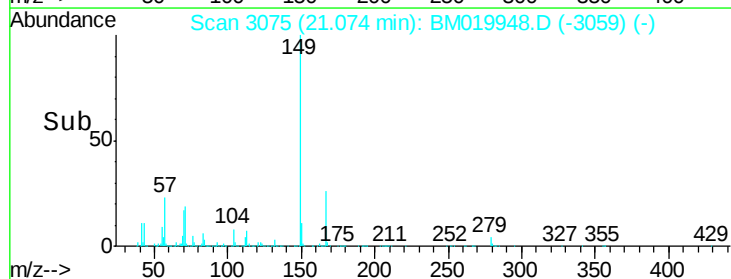
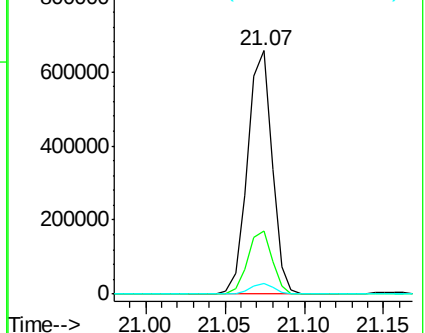
279 4.2 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.808 ng

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

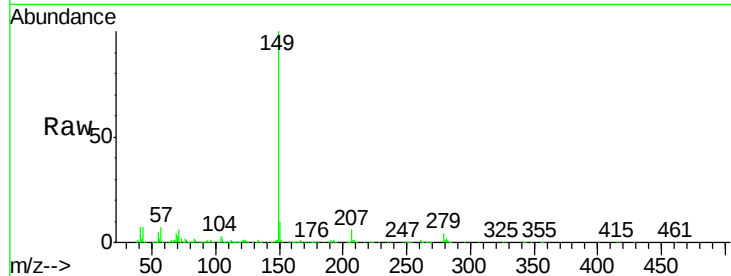
Tot Ion:149 Resp: 1278000

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

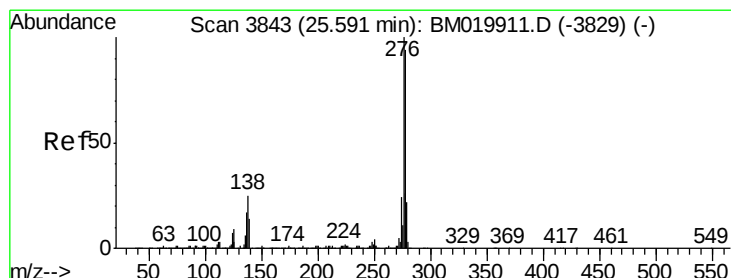
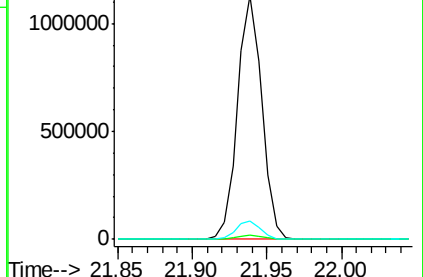
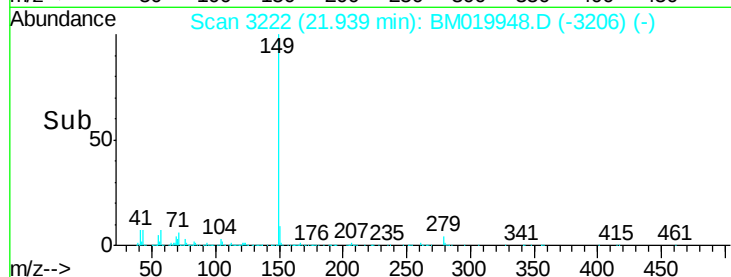
43 7.6 6.0 9.0



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.911 ng

RT: 25.57 min Scan# 3840

Delta R.T. -0.02 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

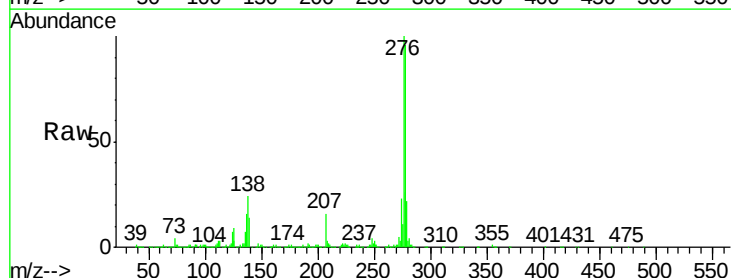
Tgt Ion:276 Resp: 1675140

Ion Ratio Lower Upper

276 100

138 24.1 19.0 28.6

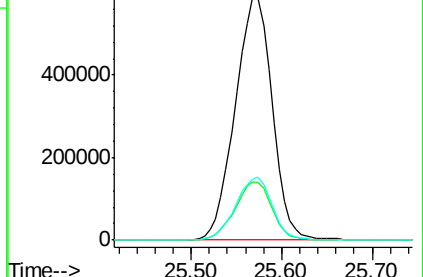
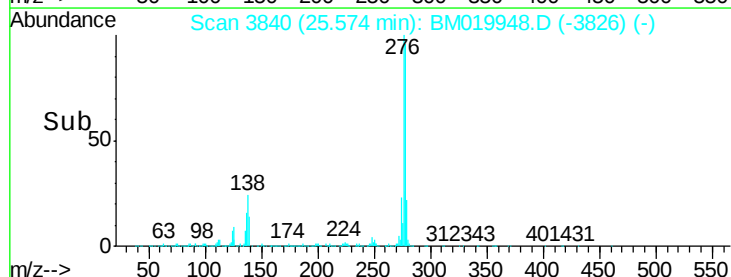
277 25.1 20.3 30.5

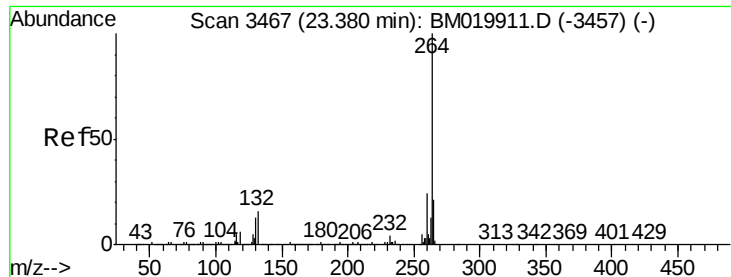


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

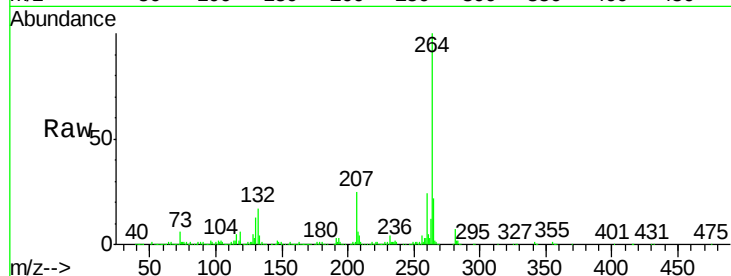
Tot Ion:264 Resp: 619358

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

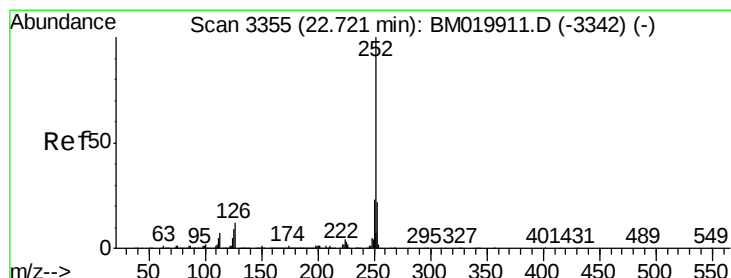
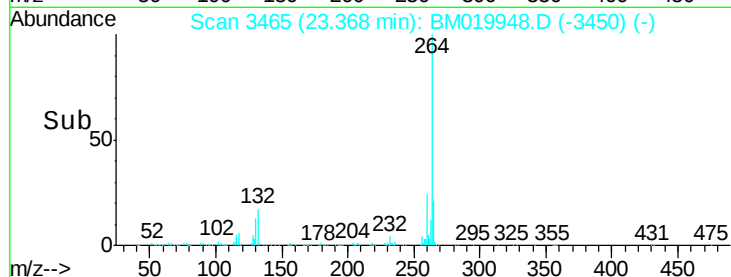
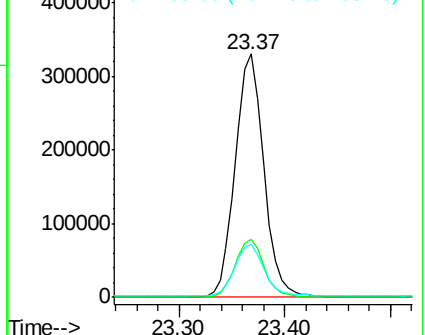
265 21.9 17.2 25.8



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: 29.482 ng

RT: 22.71 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

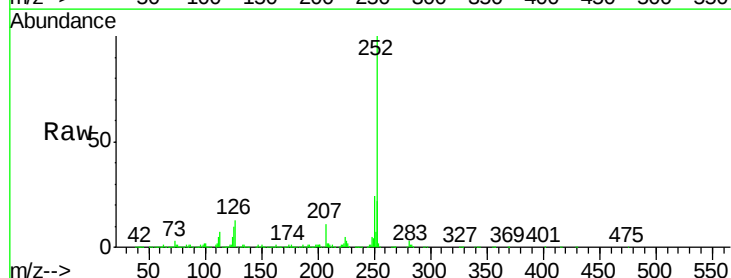
Tgt Ion:252 Resp: 1212489

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

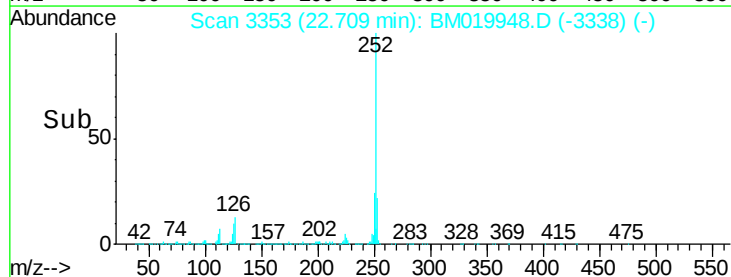
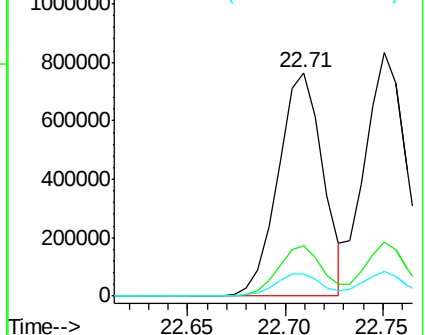
125 10.0 7.6 11.4

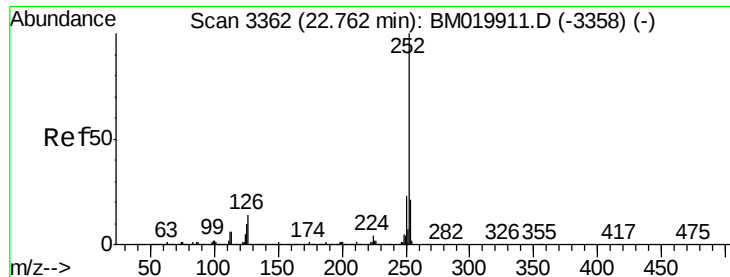


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 31.958 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

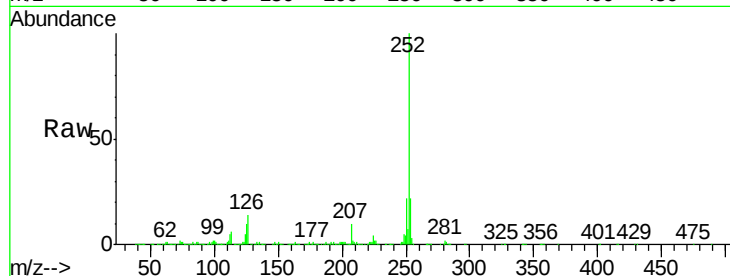
Tot Ion:252 Resp: 1237358

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

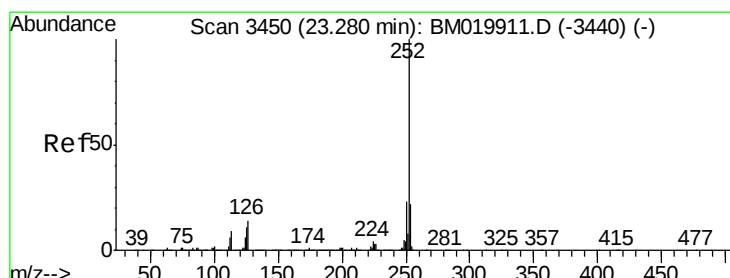
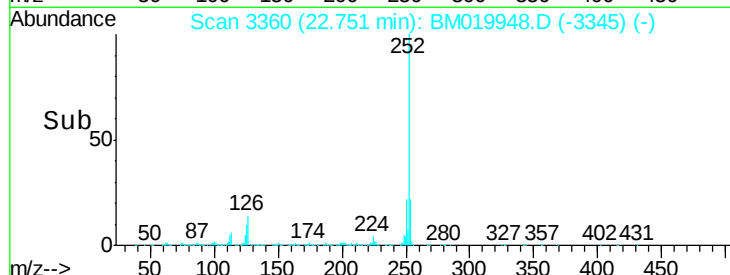
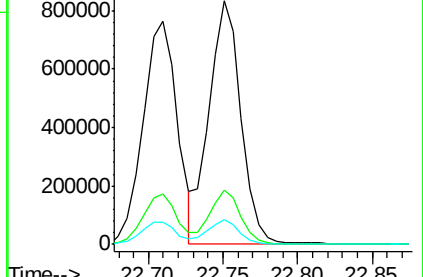
125 10.0 8.2 12.4



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



#90

Benzo(a)pyrene

Concen: 33.746 ng

RT: 23.27 min Scan# 3449

Delta R.T. -0.01 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

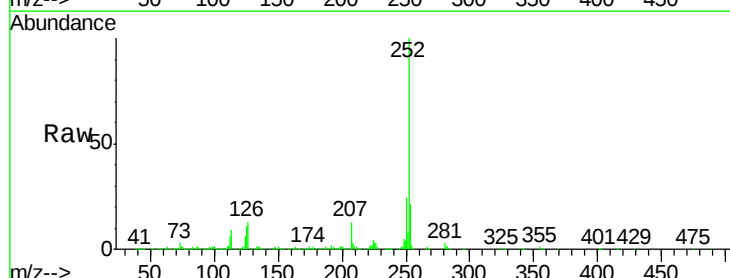
Tgt Ion:252 Resp: 1229719

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

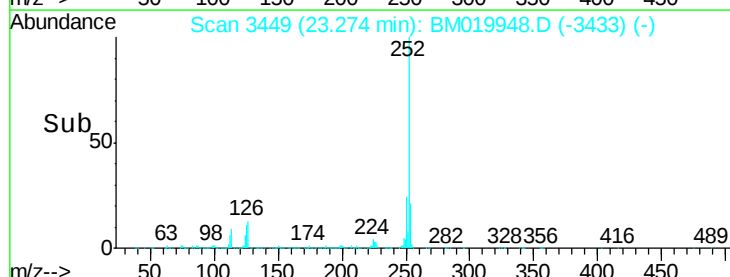
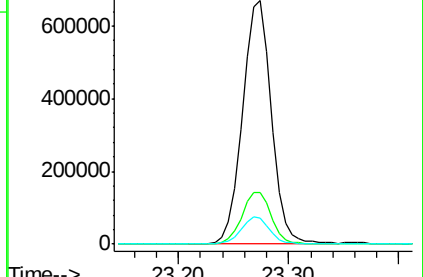
125 10.8 9.1 13.7

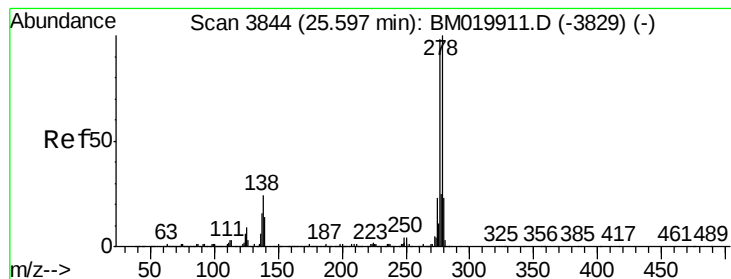


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.590 ng

RT: 25.57 min Scan# 3840

Delta R.T. -0.02 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

Instrument :

BNA_M

ClientSampleId :

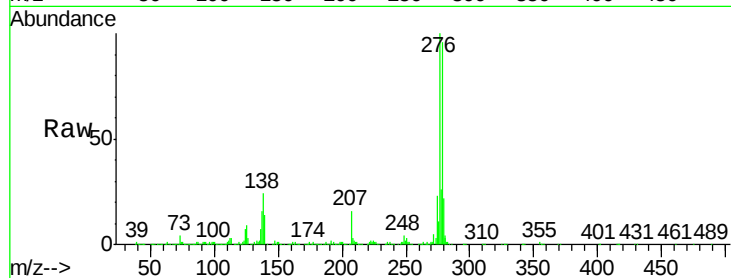
Tot Ion:278 Resp: 1426051

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.6	17.4
279	23.4	18.4	27.6

278 100

139 14.8 11.6 17.4

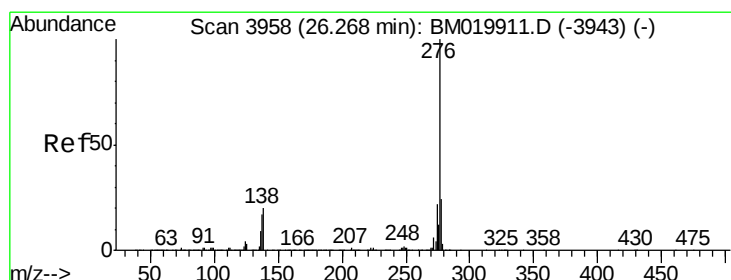
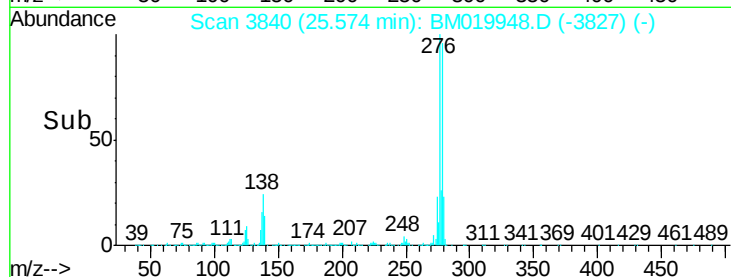
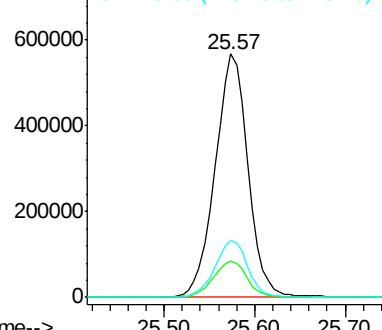
279 23.4 18.4 27.6



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: 42.603 ng

RT: 26.25 min Scan# 3955

Delta R.T. -0.02 min

Lab File: BM019948.D

Acq: 17 Apr 2019 21:04

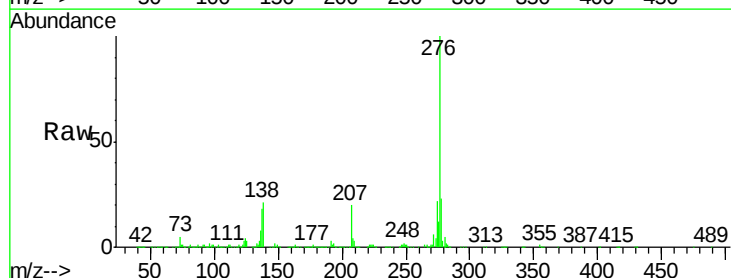
Tgt Ion:276 Resp: 1355674

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.8	16.2	24.4

276 100

277 23.5 18.8 28.2

138 20.8 16.2 24.4



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

