

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014799.D
 Acq On : 24 Apr 2018 05:05
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 12:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	374037	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1561129	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	827522	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1750399	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1738674	20.00	ng/ul	0.00
83) Perylene-d12	24.41	264	1790233	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	66500	7.76	ng/uL	0.00
5) Phenol-d5	7.65	99	610112	21.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	385519	20.79	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	502126	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	488276	21.17	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	232219	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	245929	21.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	467270	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	608056	26.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1271084	19.68	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	1623092	20.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	238635	19.90	ng/ul	0.00
57) Fluorene-d10	16.10	176	1096868	19.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	158558	16.74	ng/ul	0.00
70) Anthracene-d10	17.94	188	1627016	19.95	ng/ul	0.00
76) Pyrene-d10	20.17	212	1671695	20.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	1736126	19.74	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.70	88	69186	7.676	ng/uL#	78
4) Benzaldehyde	7.64	77	383675	25.224	ng/ul	90
6) Phenol	7.67	94	605040	21.267	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.92	93	471125	20.710	ng/ul	90
10) 2-Chlorophenol	8.07	128	493736	20.727	ng/ul	97
11) 2-Methylphenol	8.96	108	443871	21.226	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.05	45	884258	21.026	ng/ul	96
14) Acetophenone	9.36	105	716225	21.196	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.33	70	371693	21.197	ng/ul#	80
16) 4-Methylphenol	9.29	108	473379	21.037	ng/ul	92
17) Hexachloroethane	9.63	117	192843	19.791	ng/ul#	71
20) Nitrobenzene	9.75	77	546277	20.260	ng/ul	93
21) Isophorone	10.27	82	966396	20.958	ng/ul#	94
23) 2-Nitrophenol	10.47	139	259020	21.213	ng/ul#	73
24) 2,4-Dimethylphenol	10.51	107	522502	20.254	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.75	93	612266	19.752	ng/ul	97
27) 2,4-Dichlorophenol	11.00	162	436688	20.027	ng/ul#	91
28) Naphthalene	11.42	128	1496179	19.667	ng/ul	100
30) 4-Chloroaniline	11.52	127	577092	26.373	ng/ul	96
31) Hexachlorobutadiene	11.69	225	264322	18.838	ng/ul	95
32) Caprolactam	12.27	113	132858	21.147	ng/ul#	62
33) 4-Chloro-3-methylphenol	12.60	107	455840	20.667	ng/ul	95
34) 2-Methylnaphthalene	12.99	142	1044061	19.763	ng/ul	96

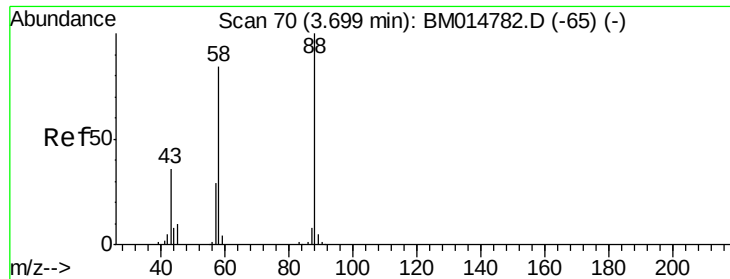
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014799.D
 Acq On : 24 Apr 2018 05:05
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 12:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 02:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.34	216	504931	19.464	ng/ul#	96
37) Hexachlorocyclopentadiene	13.32	237	248032	13.878	ng/ul	98
38) 2,4,6-Trichlorophenol	13.57	196	332130	20.728	ng/ul	97
39) 2,4,5-Trichlorophenol	13.64	196	348143	20.343	ng/ul	97
40) 1,1'-Biphenyl	13.97	154	1319374	19.827	ng/ul#	98
41) 2-Chloronaphthalene	14.02	162	1028326	19.899	ng/ul	98
42) 2-Nitroaniline	14.21	65	299148	21.875	ng/ul	94
44) Dimethylphthalate	14.56	163	1225874	19.631	ng/ul	99
45) 2,6-Dinitrotoluene	14.69	165	242647	21.186	ng/ul	89
47) Acenaphthylene	14.86	152	1565288	20.254	ng/ul	100
48) 3-Nitroaniline	15.02	138	266979	23.689	ng/ul#	84
49) Acenaphthene	15.19	153	1089434	19.837	ng/ul	99
50) 2,4-Dinitrophenol	15.22	184	95300	14.986	ng/ul	96
52) 4-Nitrophenol	15.30	109	169507	19.619	ng/ul#	80
53) Dibenzofuran	15.52	168	1502361	19.699	ng/ul	99
54) 2,4-Dinitrotoluene	15.47	165	349705	20.724	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.73	232	296234	20.400	ng/ul#	87
56) Diethylphthalate	15.90	149	1230628	19.578	ng/ul	94
58) Fluorene	16.16	166	1210706	19.660	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.14	204	592523	19.223	ng/ul	95
60) 4-Nitroaniline	16.16	138	277935	21.140	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	16.22	198	165852	16.852	ng/ul#	89
64) N-Nitrosodiphenylamine	16.35	169	1020544	20.105	ng/ul	99
65) 4-Bromophenyl-phenylether	17.03	248	363813	19.679	ng/ul	97
66) Hexachlorobenzene	17.15	284	421683	19.633	ng/ul#	93
67) Atrazine	17.27	200	348019	21.470	ng/ul#	93
68) Pentachlorophenol	17.48	266	233576	19.121	ng/ul	97
69) Phenanthrene	17.88	178	1844597	19.623	ng/ul	99
71) Anthracene	17.97	178	1896830	19.883	ng/ul	99
72) Carbazole	18.23	167	1651092	20.287	ng/ul	99
73) Di-n-butylphthalate	18.75	149	2040627	20.619	ng/ul#	97
74) Fluoranthene	19.84	202	2044838	19.952	ng/ul#	83
77) Pyrene	20.20	202	2073862	20.415	ng/ul#	81
78) Butylbenzylphthalate	21.04	149	942375	22.738	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.83	252	722670	21.786	ng/ul#	94
80) Benzo(a)anthracene	21.91	228	2039840	20.062	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	1295633	21.298	ng/ul#	97
82) Chrysene	21.96	228	1892738	19.885	ng/ul	98
84) Di-n-octyl phthalate	22.74	149	2198265	21.349	ng/ul#	92
85) Benzo(b)fluoranthene	23.66	252	2059317	19.513	ng/ul#	96
86) Benzo(k)fluoranthene	23.70	252	1951892	19.234	ng/ul#	96
88) Benzo(a)pyrene	24.31	252	1950278	19.482	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.00	276	2356768	19.461	ng/ul#	88
90) Dibenzo(a,h)anthracene	27.01	278	1996413	19.579	ng/ul#	93
91) Benzo(g,h,i)perylene	27.80	276	1898253	19.053	ng/ul#	90

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



#2

1,4-Dioxane

Concen: 7.676 ng/uL

RT: 3.70 min Scan# 70

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

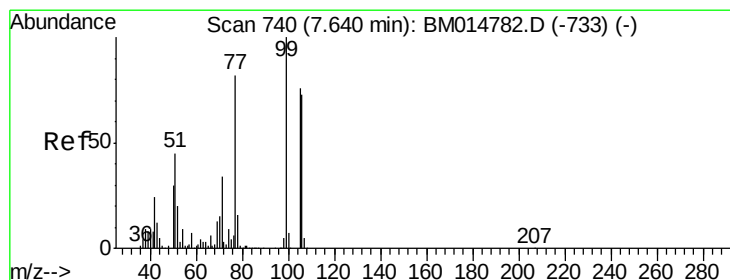
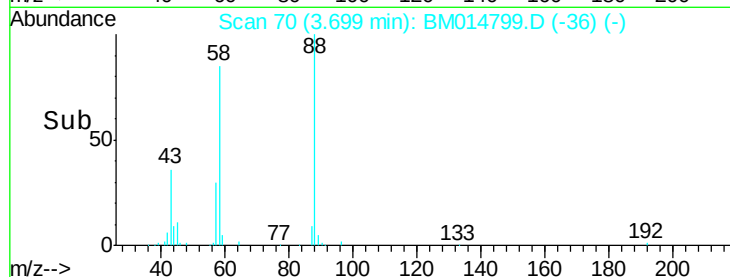
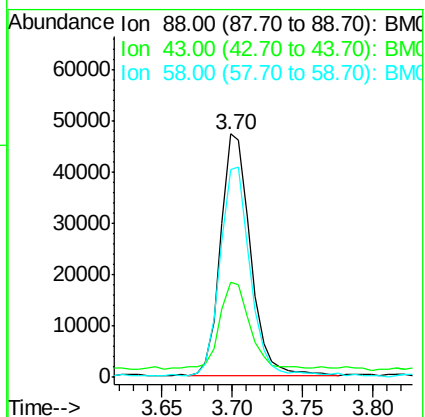
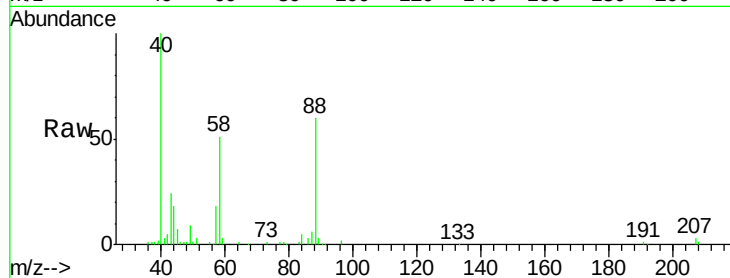
Tot Ion: 88 Resp: 69186

Ion Ratio Lower Upper

88 100

43 33.7 48.0 72.0#

58 85.0 80.0 120.0



#4

Benzaldehyde

Concen: 25.224 ng/uL

RT: 7.64 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

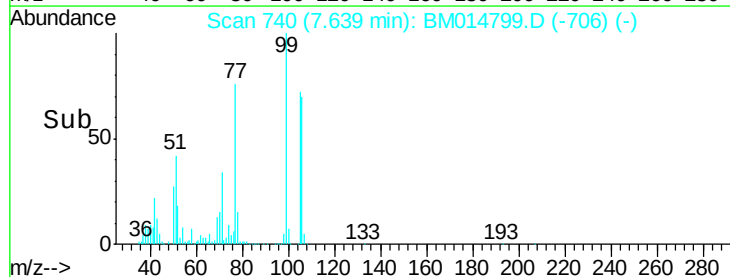
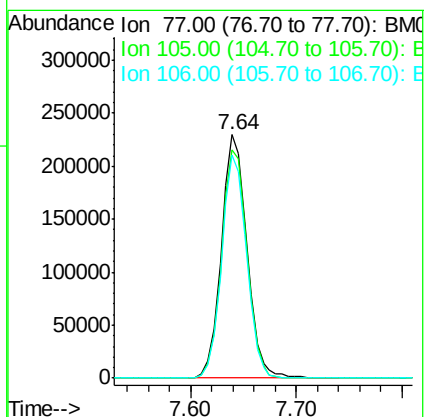
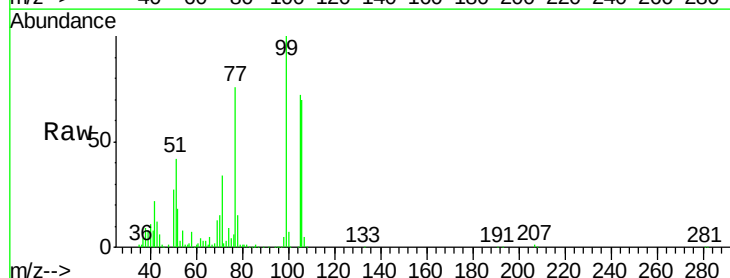
Tgt Ion: 77 Resp: 383675

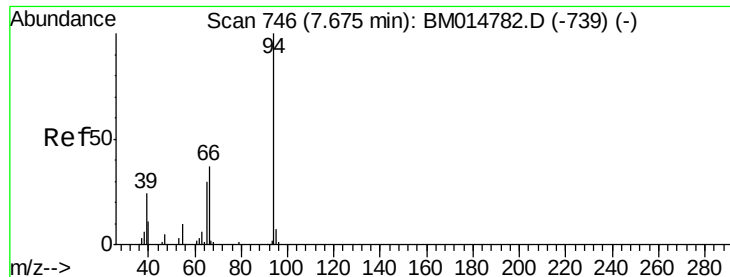
Ion Ratio Lower Upper

77 100

105 93.7 66.1 99.1

106 91.8 67.8 101.6





#6

Phenol

Concen: 21.267 ng/ul

RT: 7.67 min Scan# 746

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampled :

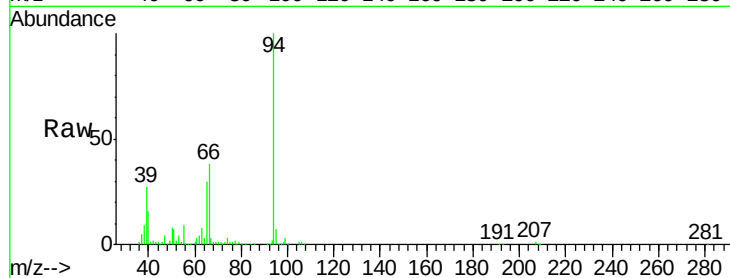
Tot Ion: 94 Resp: 605040

Ion Ratio Lower Upper

94 100

65 29.7 28.2 42.4

66 37.7 47.2 70.8#

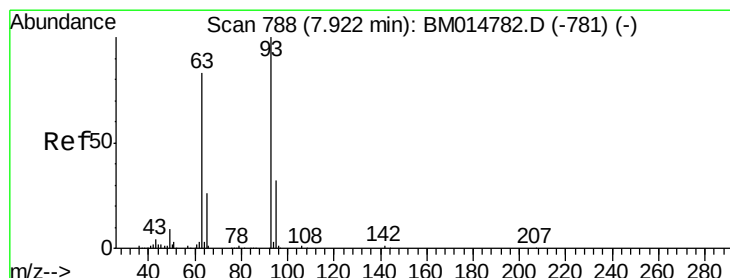
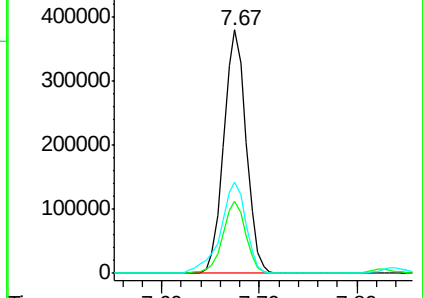
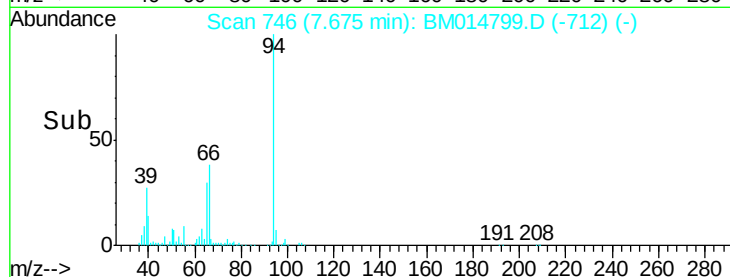


Abundance Ion 94.00 (93.70 to 94.70): BM014782.D (-739) (-)

Ion 65.00 (64.70 to 65.70): BM014782.D (-739) (-)

Ion 66.00 (65.70 to 66.70): BM014782.D (-739) (-)

7.67



#8

Bis(2-Chloroethyl)ether

Concen: 20.710 ng/ul

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

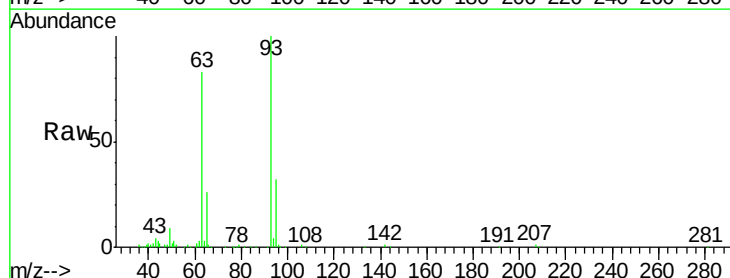
Tgt Ion: 93 Resp: 471125

Ion Ratio Lower Upper

93 100

63 83.0 57.3 85.9

95 32.1 26.6 39.8

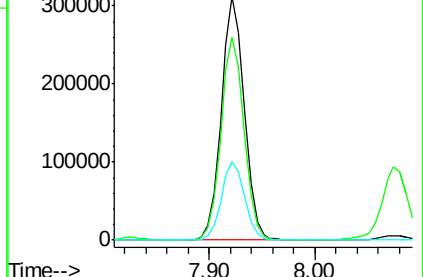
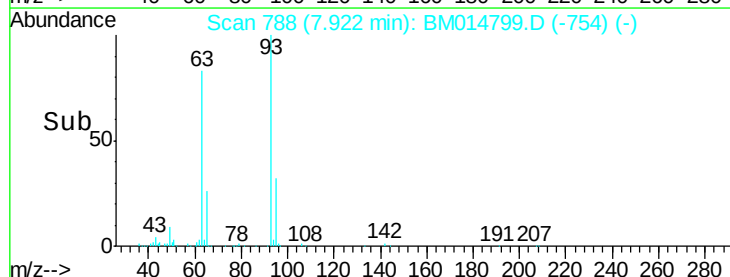


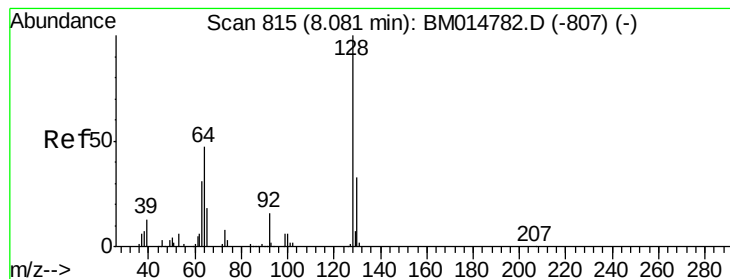
Abundance Ion 93.00 (92.70 to 93.70): BM014782.D (-781) (-)

Ion 63.00 (62.70 to 63.70): BM014782.D (-781) (-)

Ion 95.00 (94.70 to 95.70): BM014782.D (-781) (-)

7.92





#10

2-Chlorophenol

Concen: 20.727 ng/ul

RT: 8.07 min Scan# 814

Delta R.T. -0.01 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

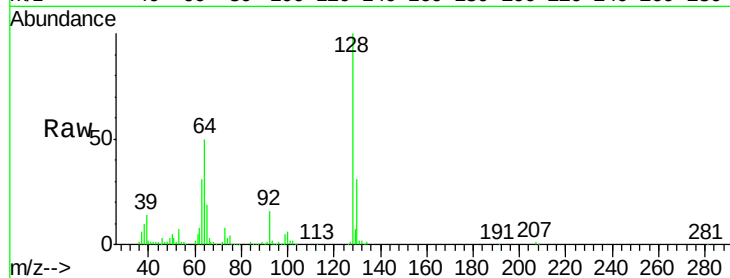
Tot Ion:128 Resp: 493736

Ion Ratio Lower Upper

128 100

64 49.8 38.0 57.0

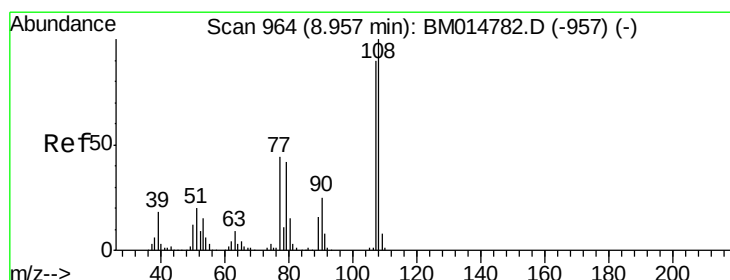
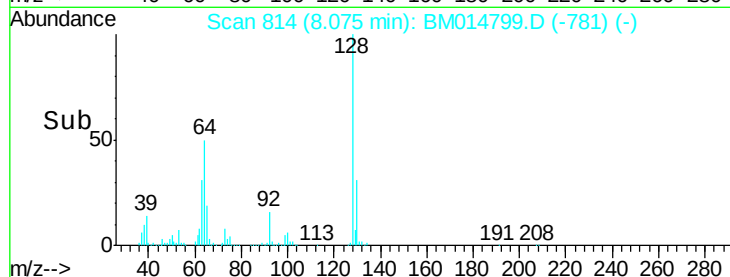
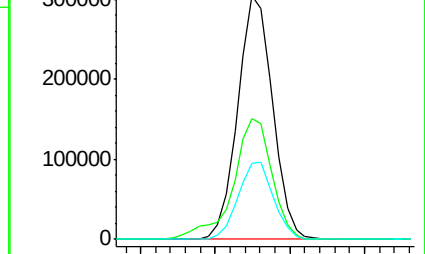
130 31.2 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 21.226 ng/ul

RT: 8.96 min Scan# 964

Delta R.T. -0.00 min

Lab File: BM014799.D

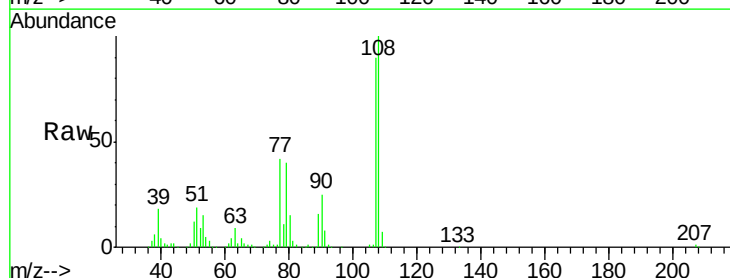
Acq: 24 Apr 2018 05:05

Tgt Ion:108 Resp: 443871

Ion Ratio Lower Upper

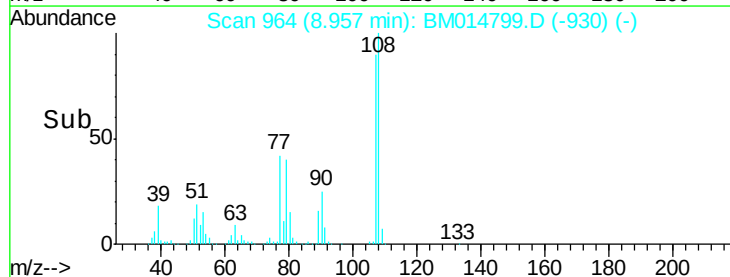
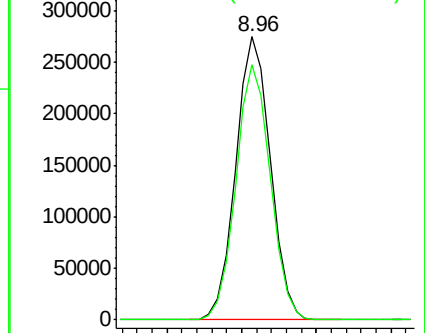
108 100

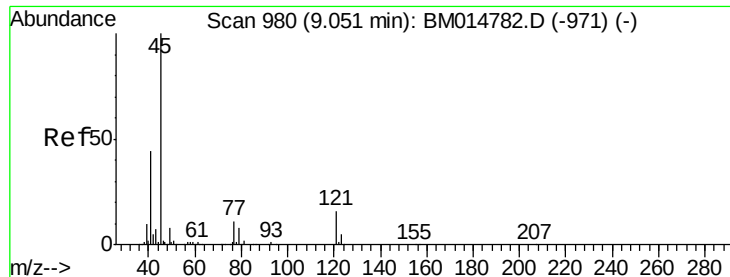
107 90.0 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

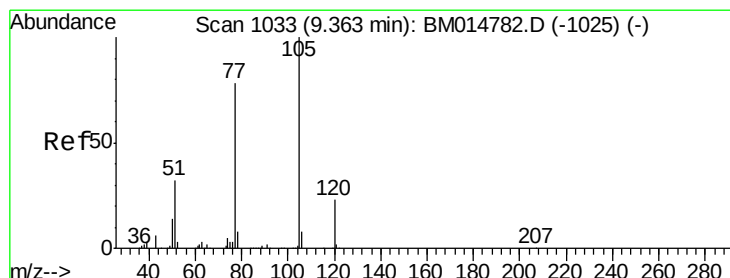
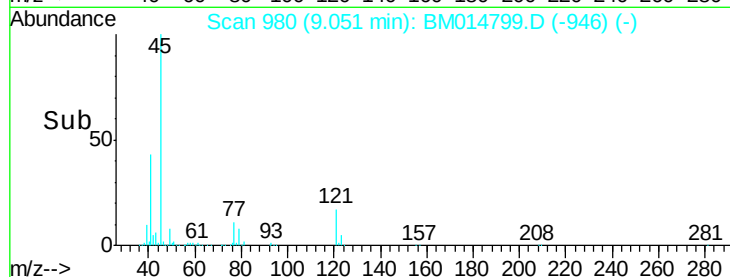
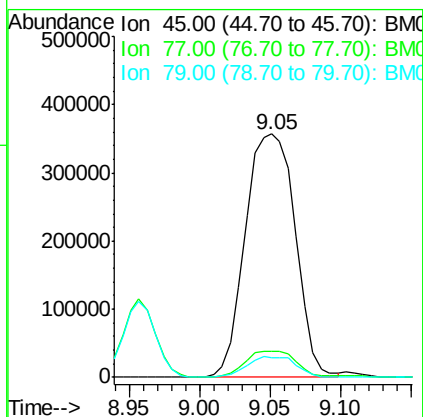
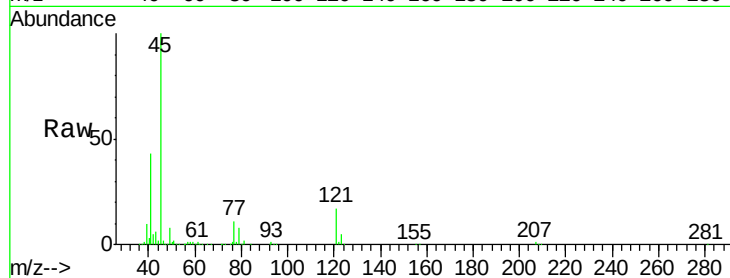




#12
2,2'-oxybis(1-Chloropropane)
Concen: 21.026 ng/ul
RT: 9.05 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM014799.D
Acq: 24 Apr 2018 05:05

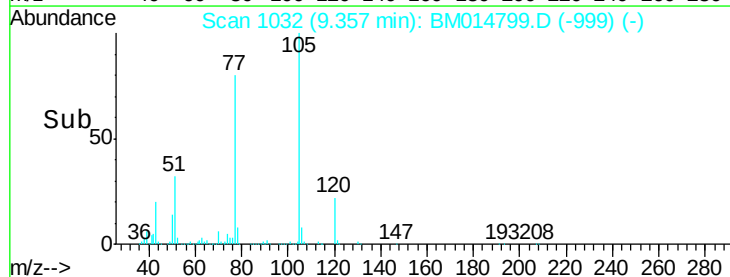
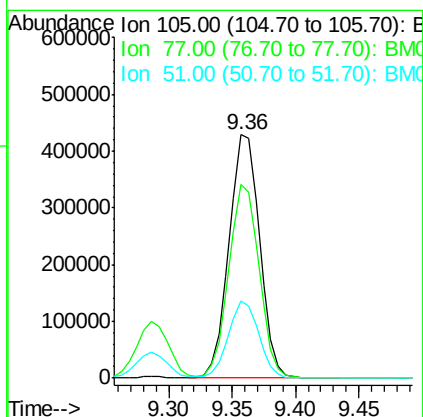
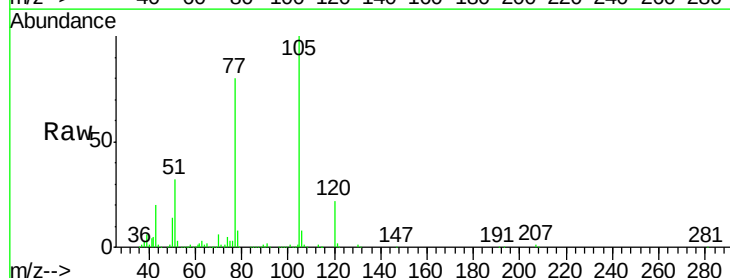
Instrument :
BNA_M
ClientSampled :

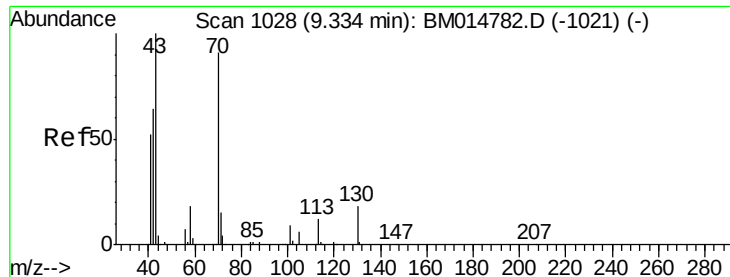
Tot Ion:	45	Resp:	884258
Ion	Ratio	Lower	Upper
45	100		
77	10.9	8.0	12.0
79	8.1	8.0	12.0



#14
Acetophenone
Concen: 21.196 ng/ul
RT: 9.36 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BM014799.D
Acq: 24 Apr 2018 05:05

Tgt Ion:	105	Resp:	716225
Ion	Ratio	Lower	Upper
105	100		
77	79.6	74.2	111.4
51	31.9	23.4	35.2





#15

N-Nitroso-di-n-propylamine

Concen: 21.197 ng/ul

RT: 9.33 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 371693

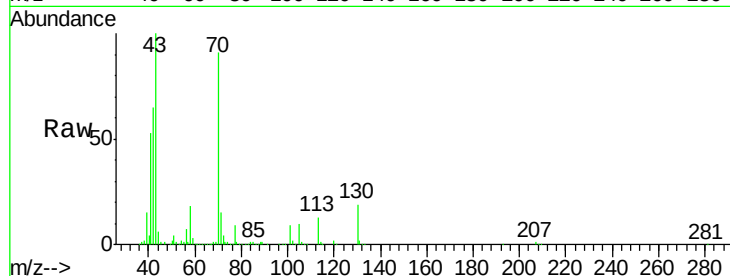
Ion Ratio Lower Upper

70 100

42 71.4 76.0 114.0#

101 9.5 6.7 10.1

130 20.9 14.6 22.0

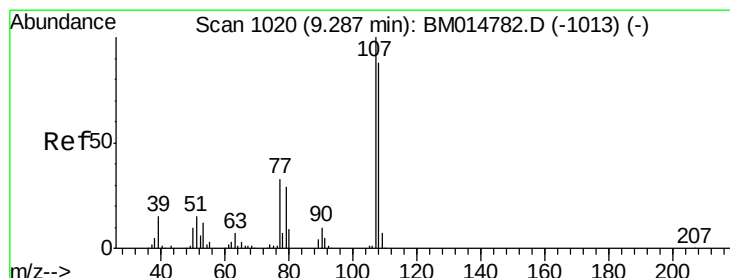
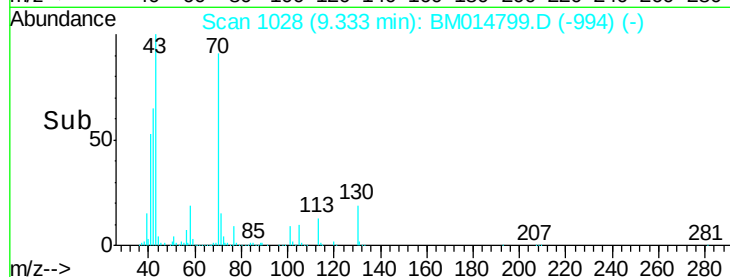
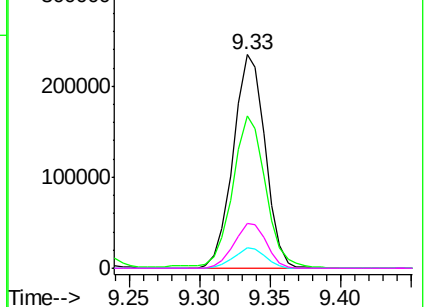


Abundance Ion 70.00 (69.70 to 70.70): BM014782.D (-1021) (-)

Ion 42.00 (41.70 to 42.70): BM014782.D (-1021) (-)

Ion 101.00 (100.70 to 101.70): BM014782.D (-1021) (-)

Ion 130.00 (129.70 to 130.70): BM014782.D (-1021) (-)



#16

4-Methylphenol

Concen: 21.037 ng/ul

RT: 9.29 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BM014799.D

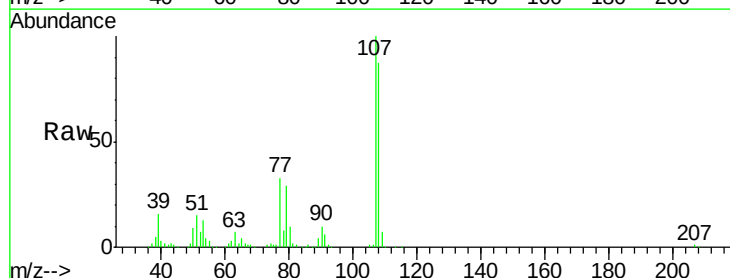
Acq: 24 Apr 2018 05:05

Tgt Ion: 108 Resp: 473379

Ion Ratio Lower Upper

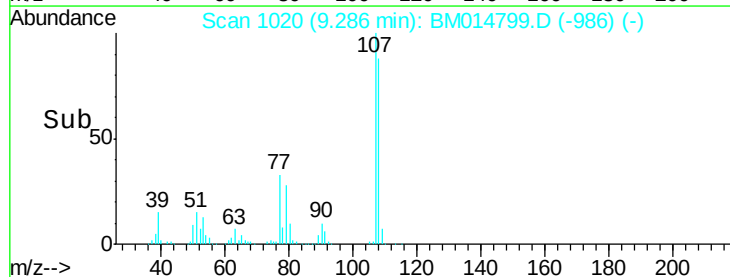
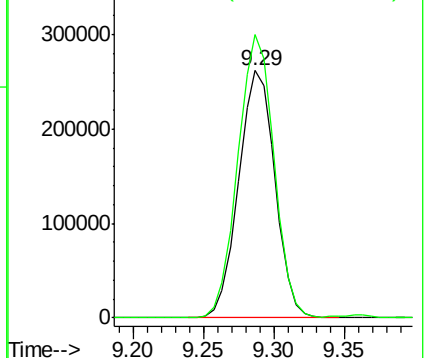
108 100

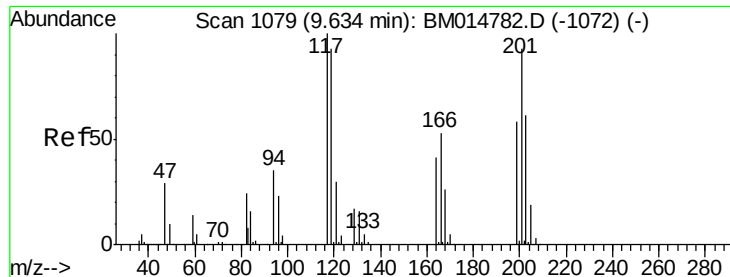
107 114.4 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM014782.D (-1013) (-)

Ion 107.00 (106.70 to 107.70): BM014782.D (-1013) (-)





#17

Hexachloroethane

Concen: 19.791 ng/ul

RT: 9.63 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

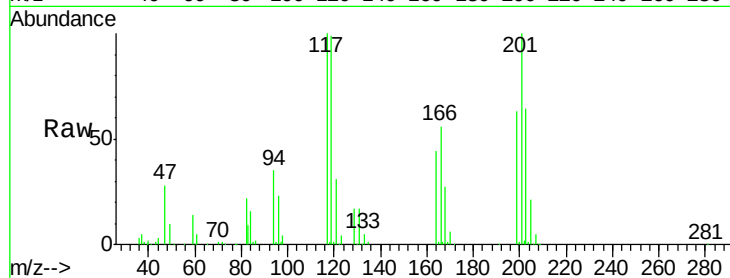
Tot Ion:117 Resp: 192843

Ion Ratio Lower Upper

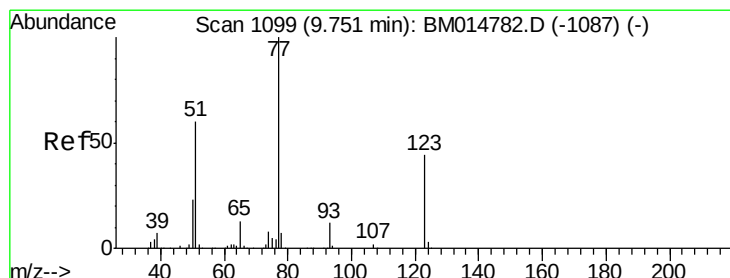
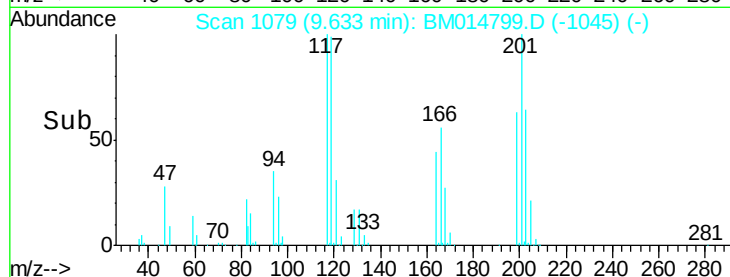
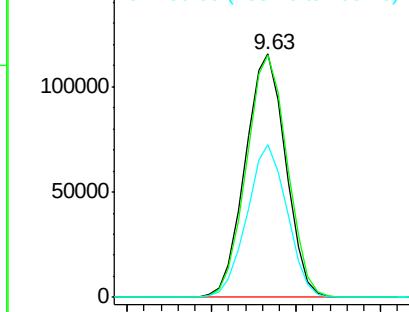
117 100

201 99.7 111.6 167.4#

199 63.0 67.8 101.6#



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



#20

Nitrobenzene

Concen: 20.260 ng/ul

RT: 9.75 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

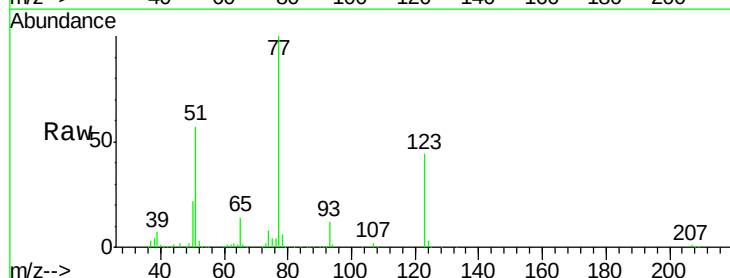
Tgt Ion: 77 Resp: 546277

Ion Ratio Lower Upper

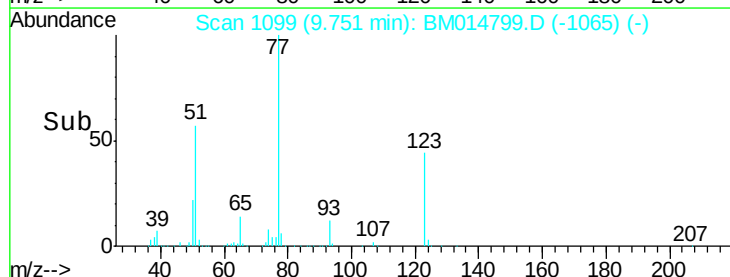
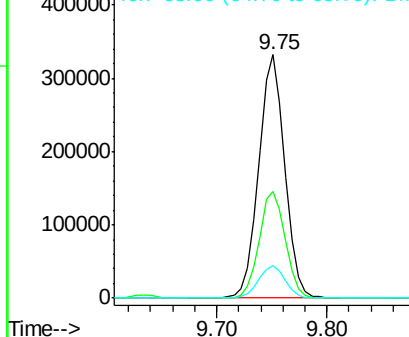
77 100

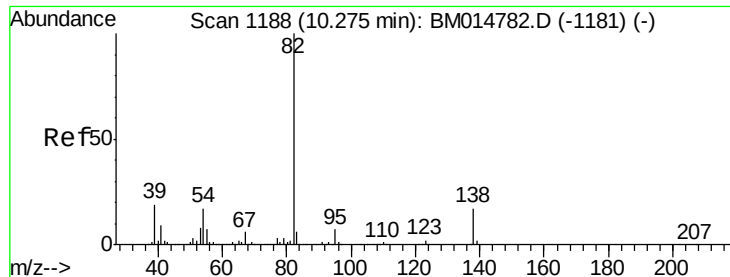
123 43.9 31.0 46.6

65 13.5 12.2 18.2



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 20.958 ng/ul

RT: 10.27 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

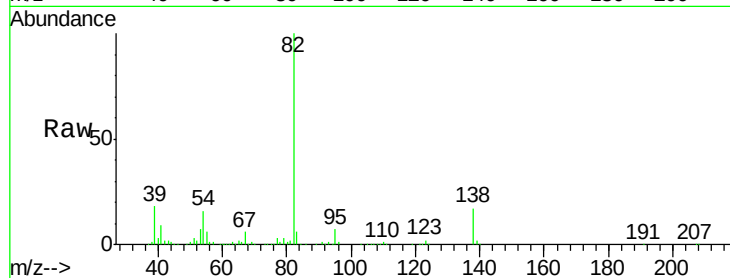
Tot Ion: 82 Resp: 966396

Ion Ratio Lower Upper

82 100

95 6.9 7.8 11.8#

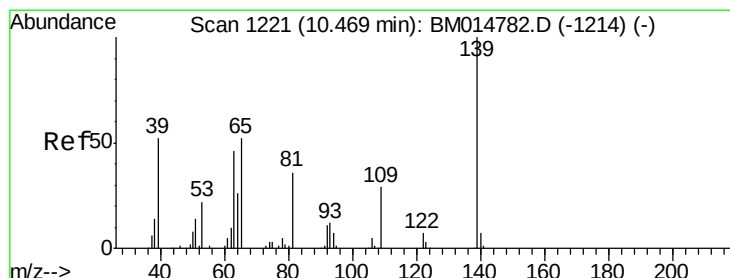
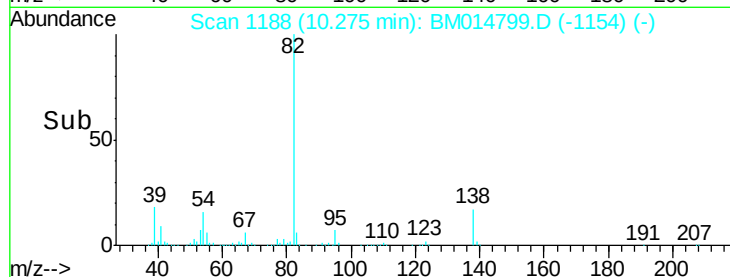
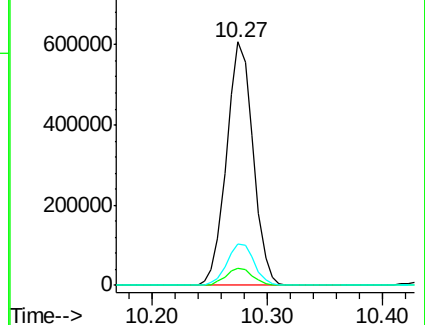
138 17.1 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM014782.D (-1181) (-)

Ion 95.00 (94.70 to 95.70): BM014782.D (-1181) (-)

Ion 138.00 (137.70 to 138.70): BM014782.D (-1181) (-)



#23

2-Nitrophenol

Concen: 21.213 ng/ul

RT: 10.47 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

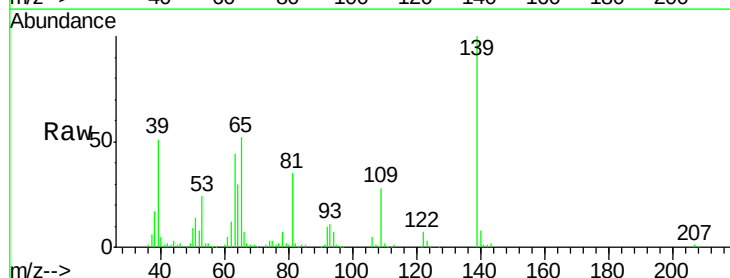
Tgt Ion: 139 Resp: 259020

Ion Ratio Lower Upper

139 100

65 52.4 55.4 83.0#

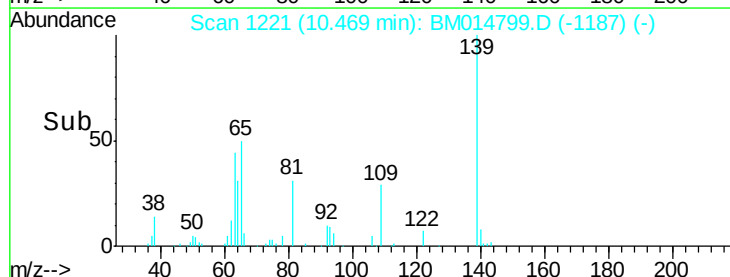
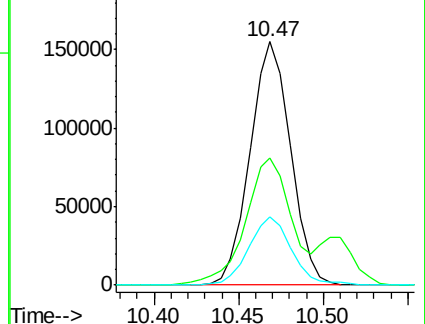
109 28.1 42.2 63.2#

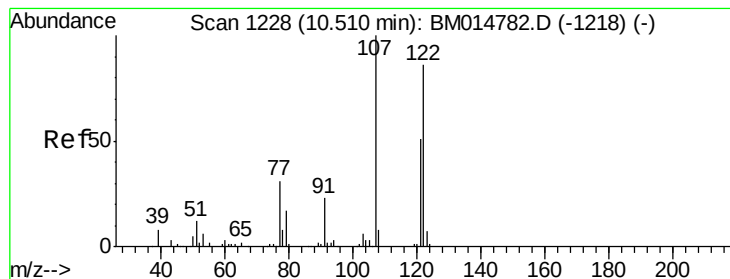


Abundance Ion 139.00 (138.70 to 139.70): BM014782.D (-1214) (-)

Ion 65.00 (64.70 to 65.70): BM014782.D (-1214) (-)

Ion 109.00 (108.70 to 109.70): BM014782.D (-1214) (-)





#24

2,4-Dimethylphenol

Concen: 20.254 ng/ul

RT: 10.51 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

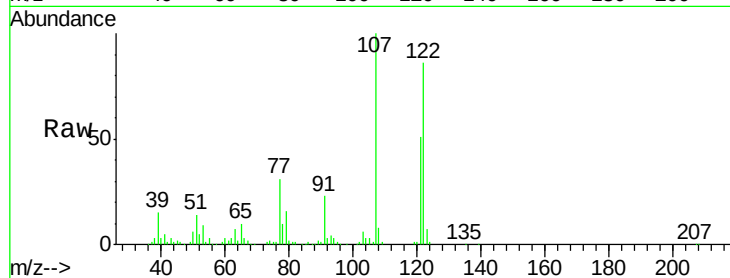
Tot Ion:107 Resp: 522502

Ion Ratio Lower Upper

107 100

121 51.5 31.9 47.9#

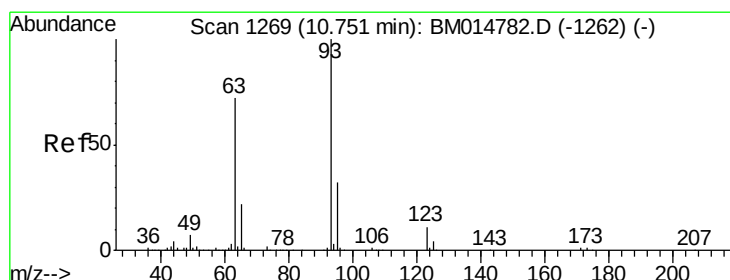
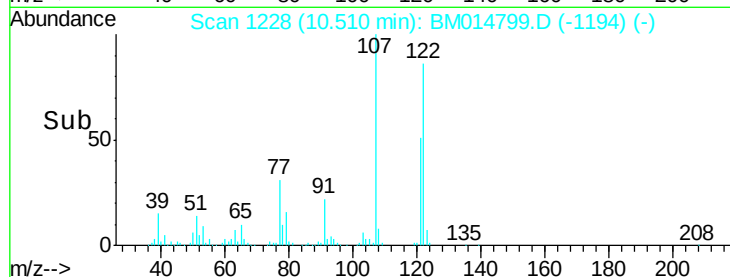
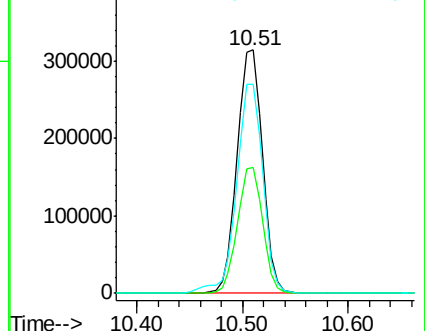
122 85.7 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.752 ng/ul

RT: 10.75 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

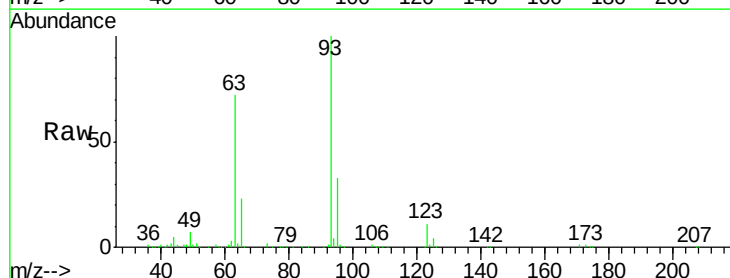
Tgt Ion: 93 Resp: 612266

Ion Ratio Lower Upper

93 100

95 33.1 28.5 42.7

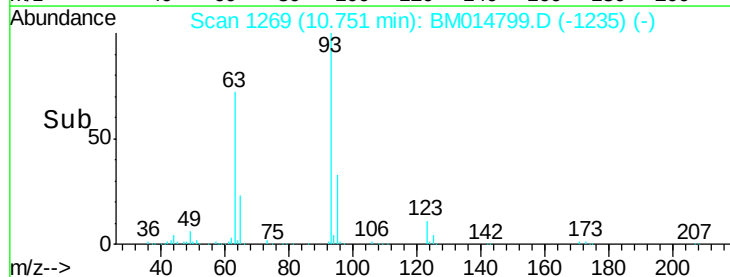
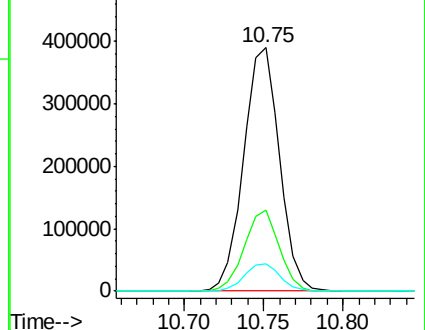
123 11.1 8.9 13.3

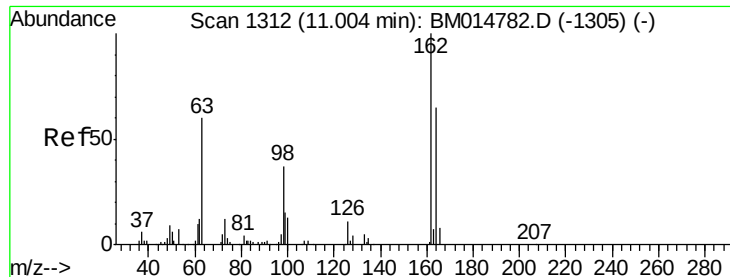


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

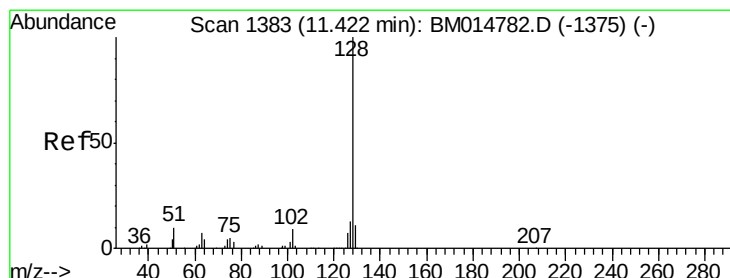
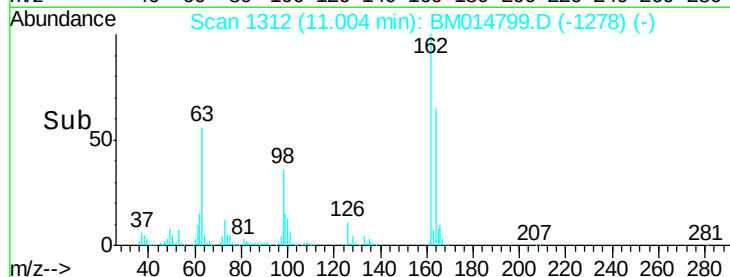
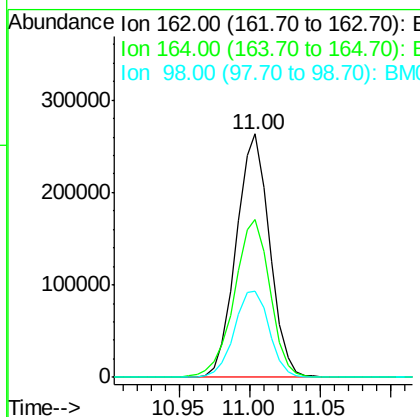
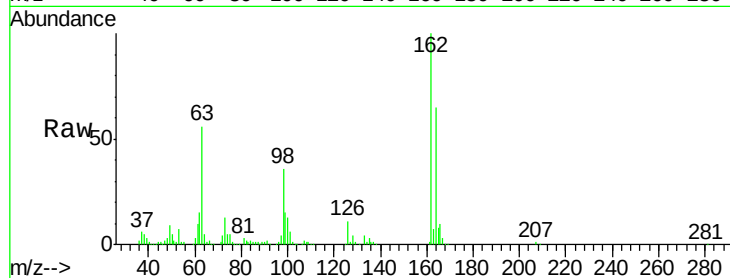




#27
 2,4-Dichlorophenol
 Concen: 20.027 ng/ul
 RT: 11.00 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

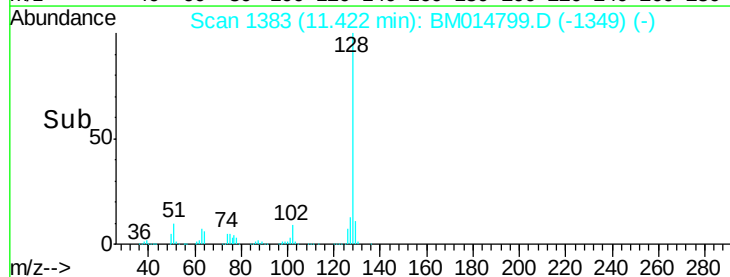
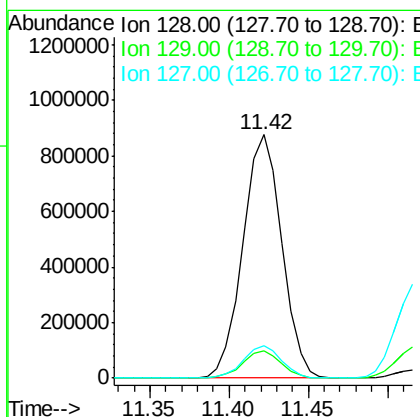
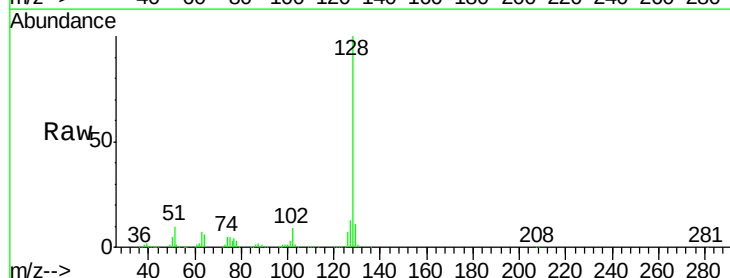
Instrument :
 BNA_M
 ClientSampleId :

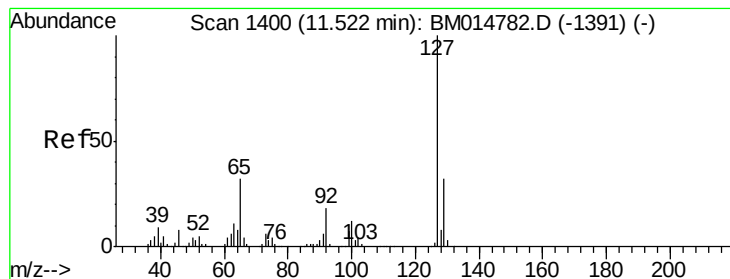
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	47.8	71.6
98	35.5	23.0	34.4



#28
 Naphthalene
 Concen: 19.667 ng/ul
 RT: 11.42 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.6	16.0





#30

4-Chloroaniline

Concen: 26.373 ng/ul

RT: 11.52 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

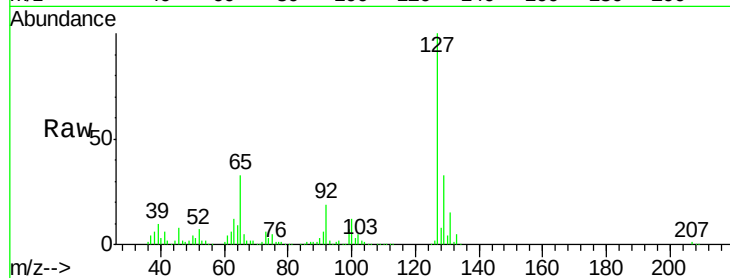
ClientSampleId :

Tot Ion:127 Resp: 577092

Ion Ratio Lower Upper

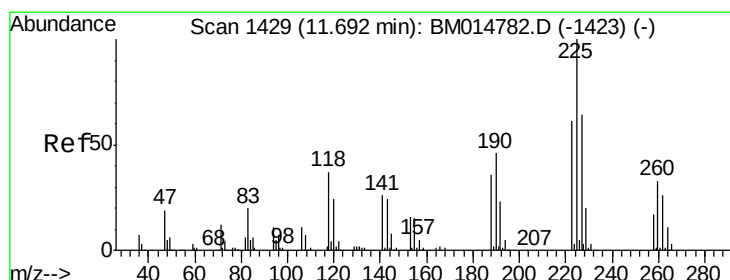
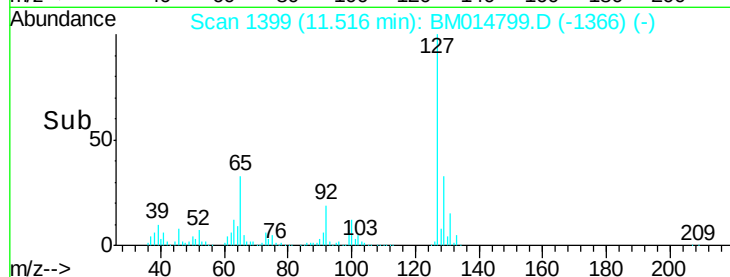
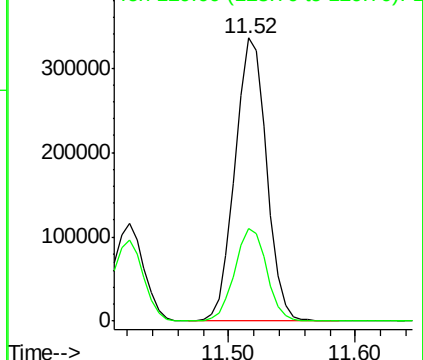
127 100

129 32.9 28.4 42.6



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 18.838 ng/ul

RT: 11.69 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

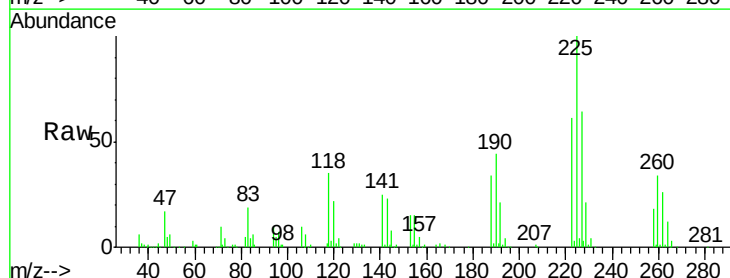
Tgt Ion:225 Resp: 264322

Ion Ratio Lower Upper

225 100

223 60.8 49.4 74.2

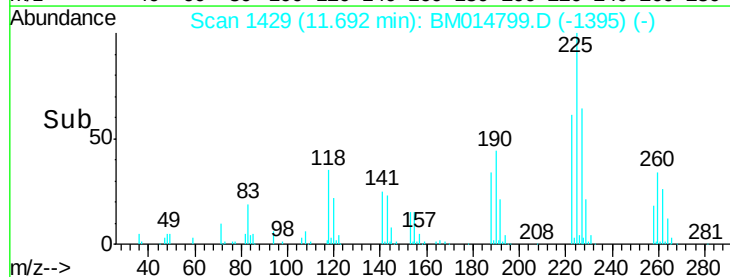
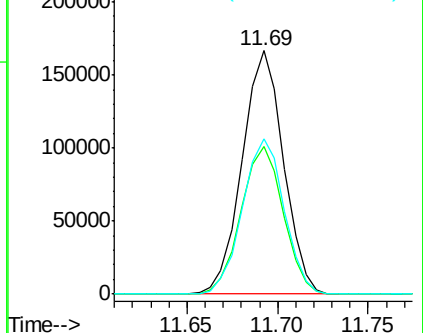
227 63.9 45.4 68.2

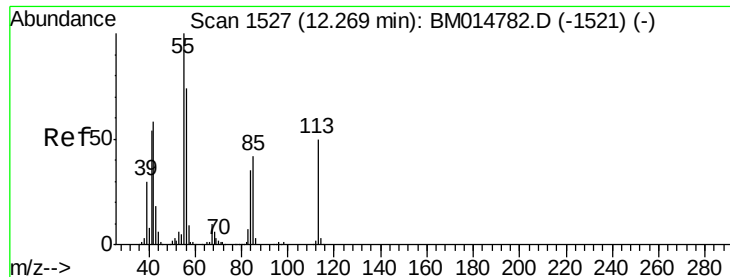


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 21.147 ng/ul

RT: 12.27 min Scan# 1527

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

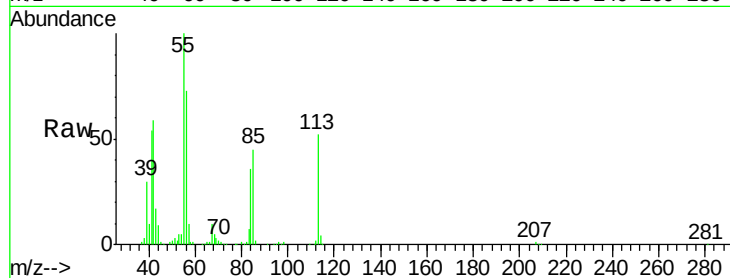
Tot Ion:113 Resp: 132858

Ion Ratio Lower Upper

113 100

55 192.6 208.0 312.0#

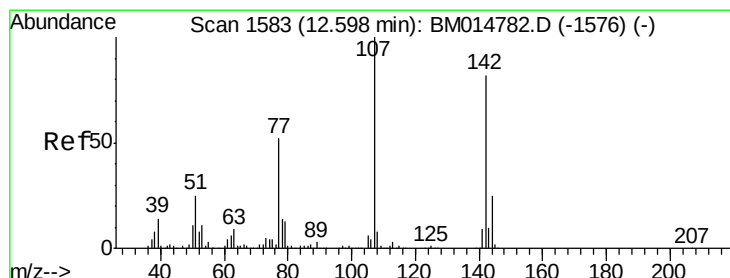
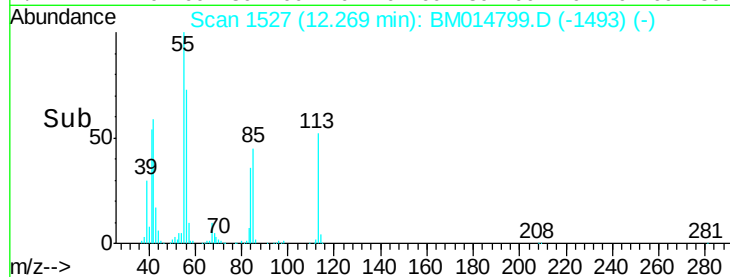
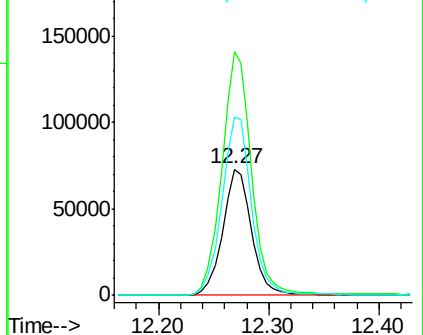
56 141.1 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 20.667 ng/ul

RT: 12.60 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

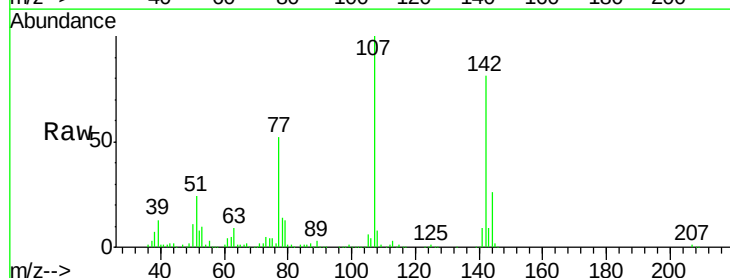
Tgt Ion:107 Resp: 455840

Ion Ratio Lower Upper

107 100

144 26.4 20.4 30.6

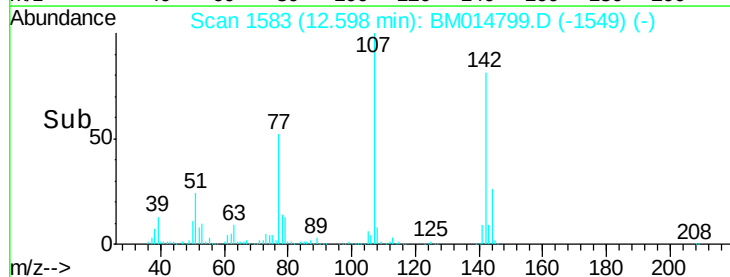
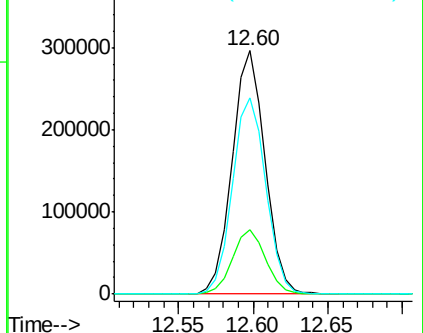
142 80.7 60.5 90.7

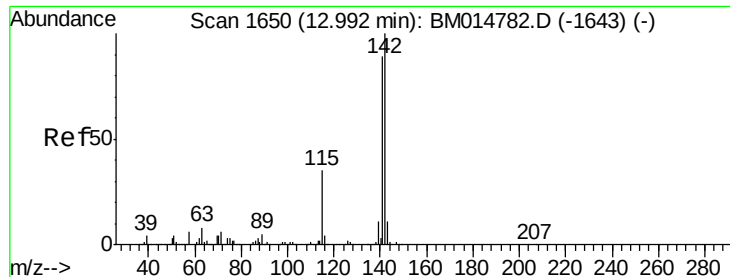


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

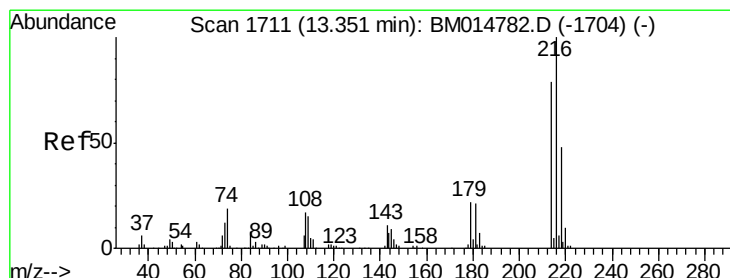
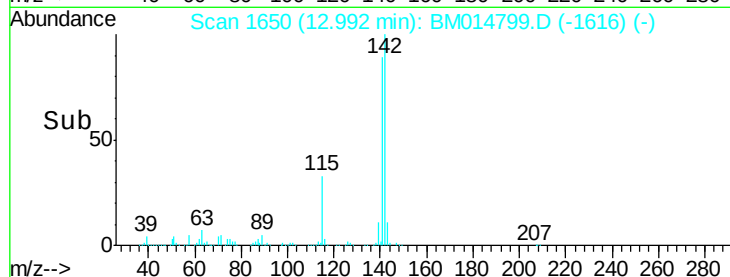
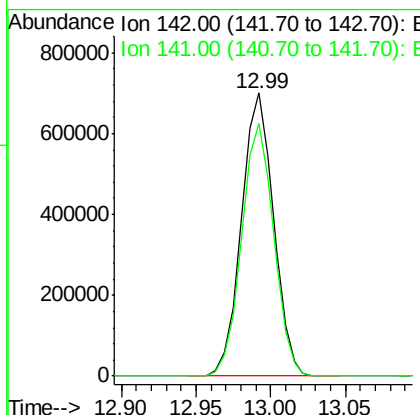
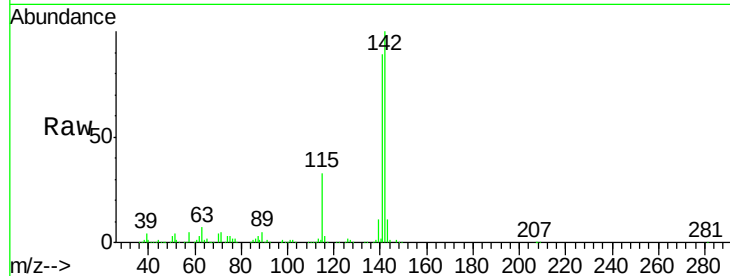




#34
 2-Methylnaphthalene
 Concen: 19.763 ng/ul
 RT: 12.99 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

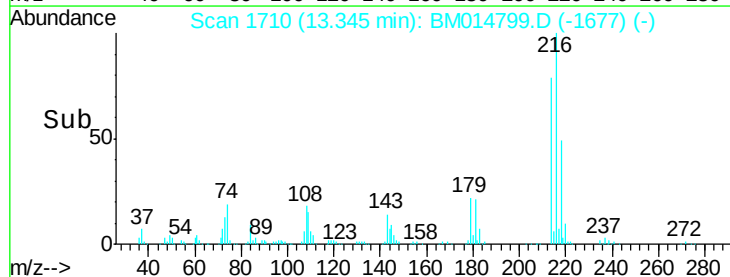
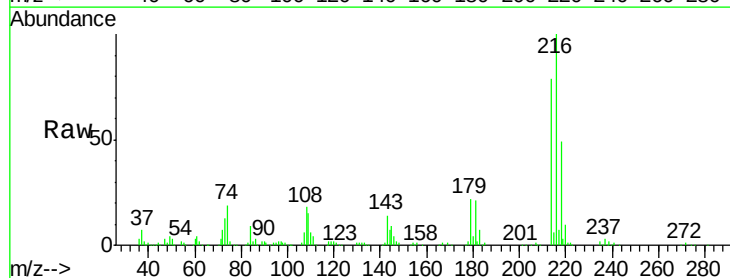
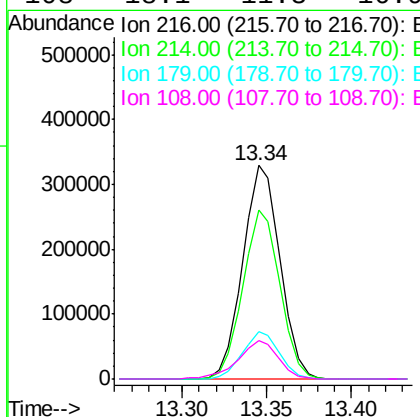
Instrument :
 BNA_M
 ClientSampleId :

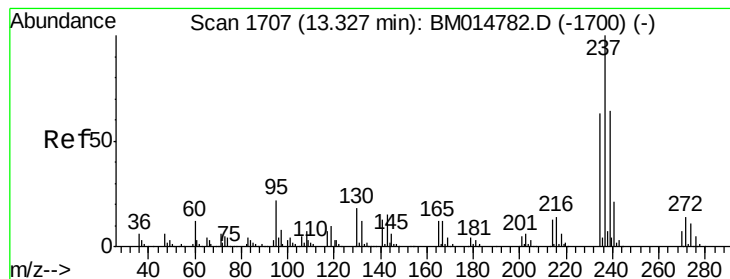
Tot Ion:142 Resp: 1044061
 Ion Ratio Lower Upper
 142 100
 141 89.2 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.464 ng/ul
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

Tgt Ion:216 Resp: 504931
 Ion Ratio Lower Upper
 216 100
 214 79.2 60.6 90.8
 179 22.3 17.5 26.3
 108 18.1 11.3 16.9#





#37

Hexachlorocyclopentadiene

Concen: 13.878 ng/ul

RT: 13.32 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

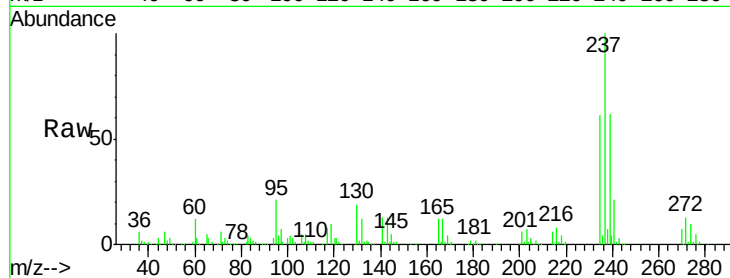
Tot Ion:237 Resp: 248032

Ion Ratio Lower Upper

237 100

235 60.9 50.2 75.4

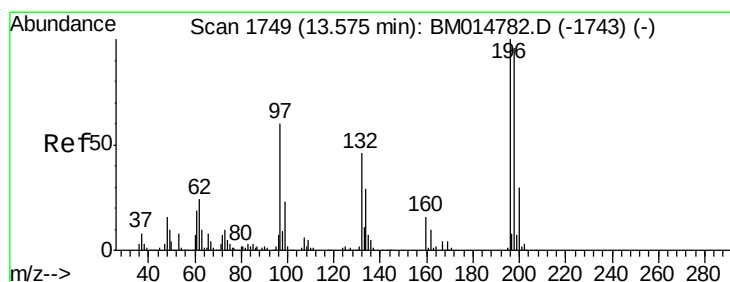
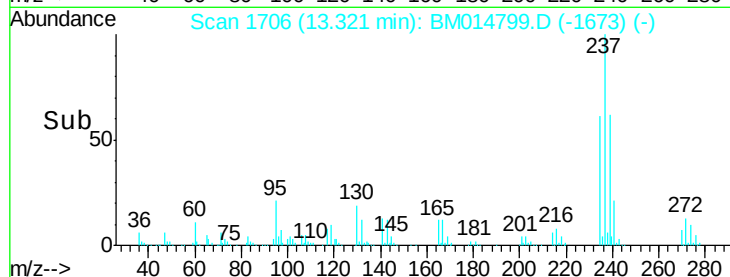
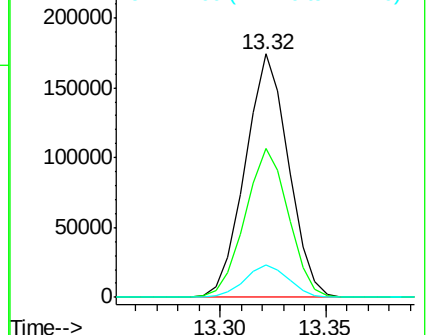
272 13.3 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 20.728 ng/ul

RT: 13.57 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

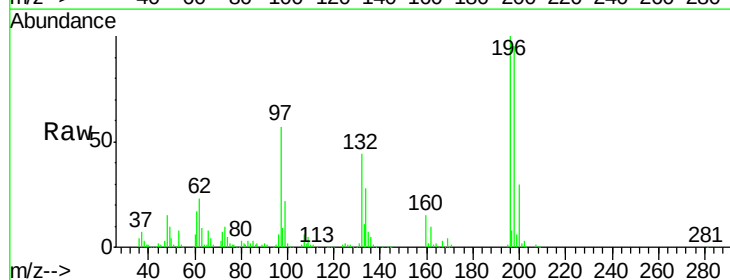
Tgt Ion:196 Resp: 332130

Ion Ratio Lower Upper

196 100

198 95.4 74.1 111.1

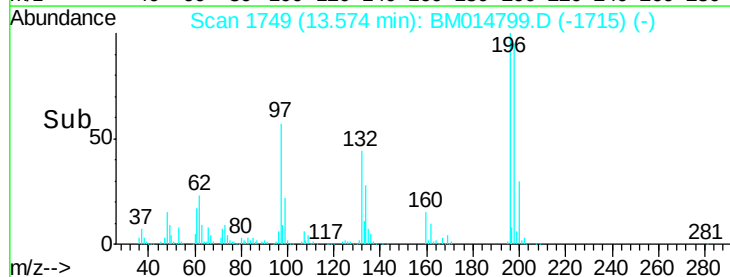
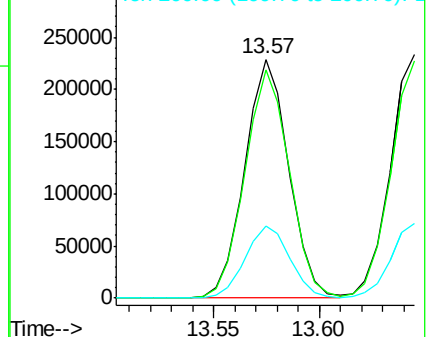
200 30.0 25.2 37.8

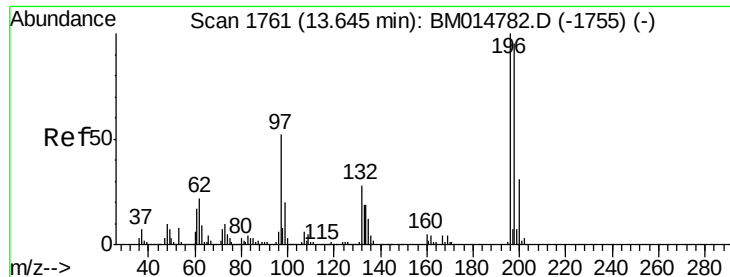


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

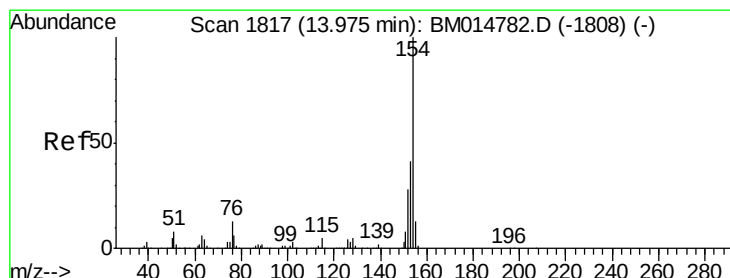
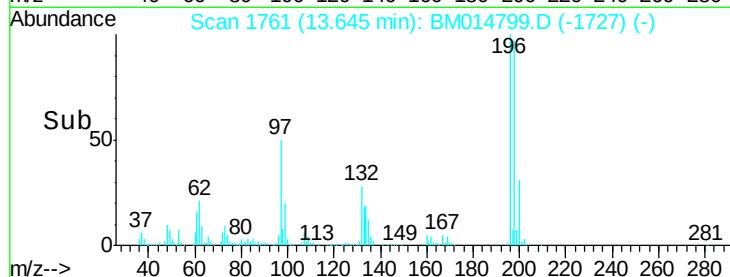
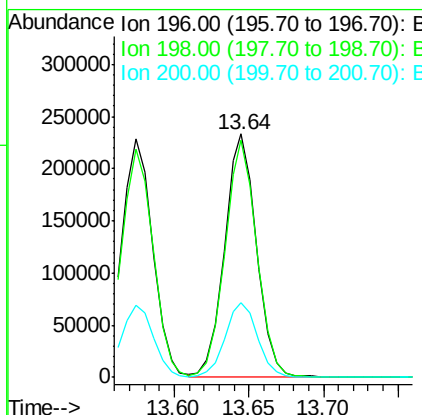
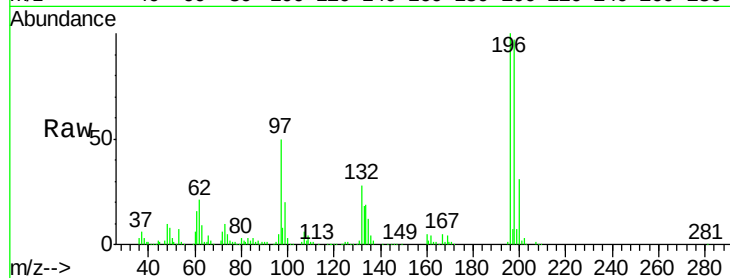




#39
 2,4,5-Trichlorophenol
 Concen: 20.343 ng/ul
 RT: 13.64 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

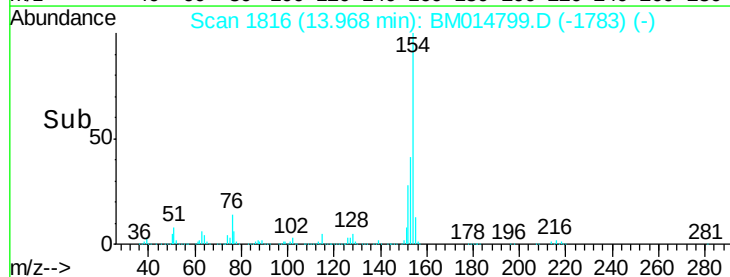
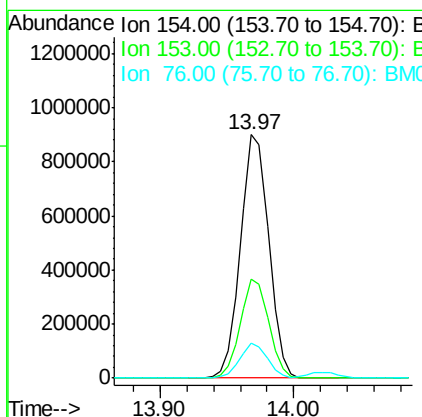
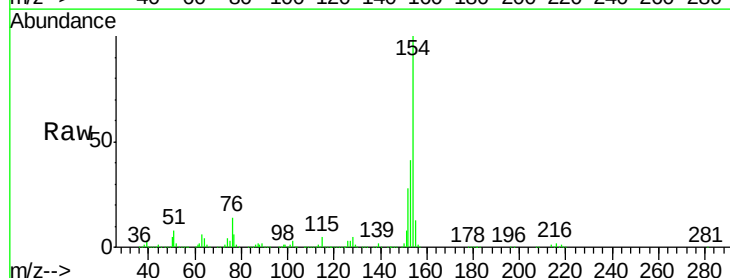
Instrument :
 BNA_M
 ClientSampleId :

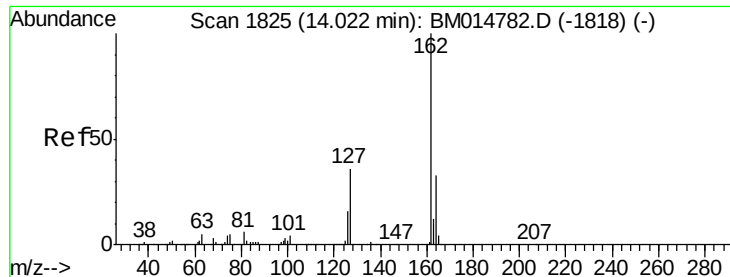
Tot Ion:196 Resp: 348143
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.6 113.4
 200 30.8 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 19.827 ng/ul
 RT: 13.97 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

Tgt Ion:154 Resp: 1319374
 Ion Ratio Lower Upper
 154 100
 153 40.5 32.6 48.8
 76 14.4 8.5 12.7#

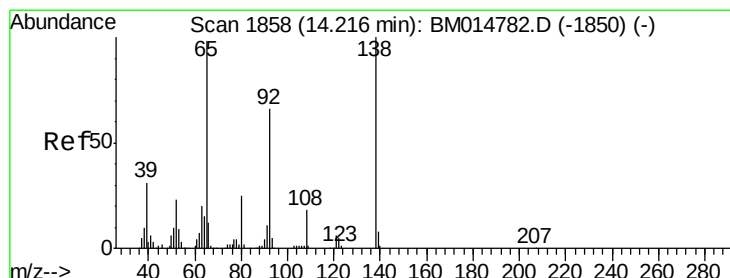
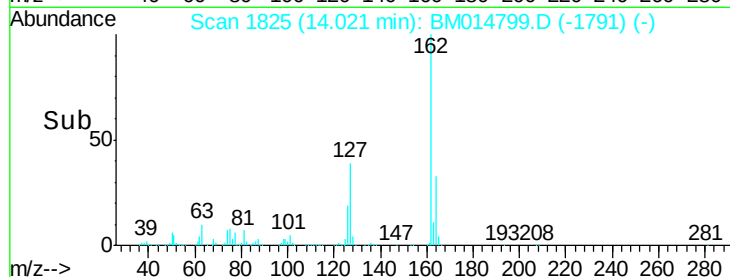
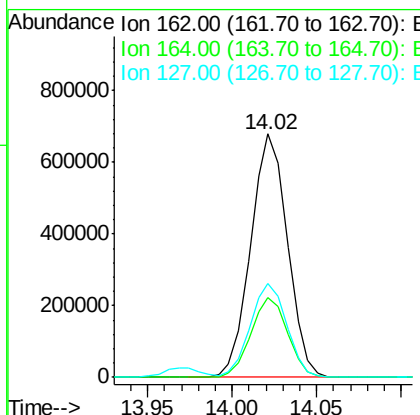
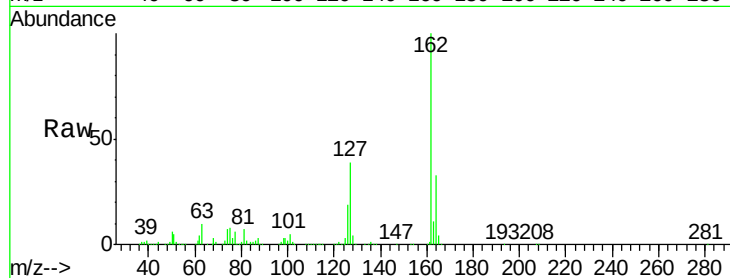




#41
 2-Chloronaphthalene
 Concen: 19.899 ng/ul
 RT: 14.02 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

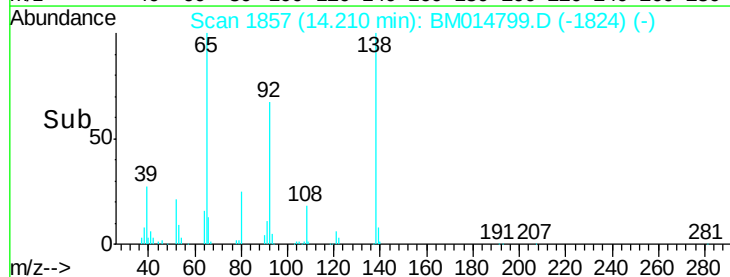
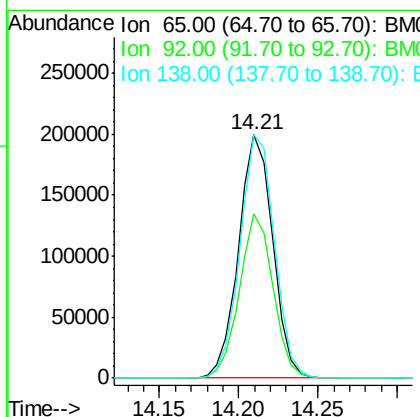
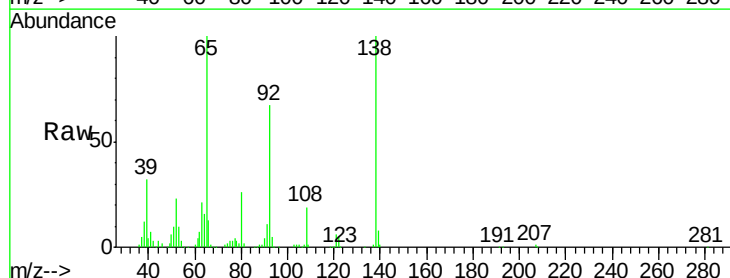
Instrument :
 BNA_M
 ClientSampleId :

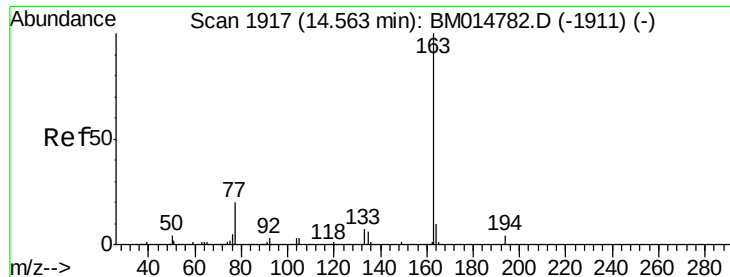
Tot Ion:162 Resp: 1028326
 Ion Ratio Lower Upper
 162 100
 164 32.7 25.9 38.9
 127 38.7 29.4 44.2



#42
 2-Nitroaniline
 Concen: 21.875 ng/ul
 RT: 14.21 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

Tgt Ion: 65 Resp: 299148
 Ion Ratio Lower Upper
 65 100
 92 67.3 51.8 77.6
 138 99.9 74.2 111.4

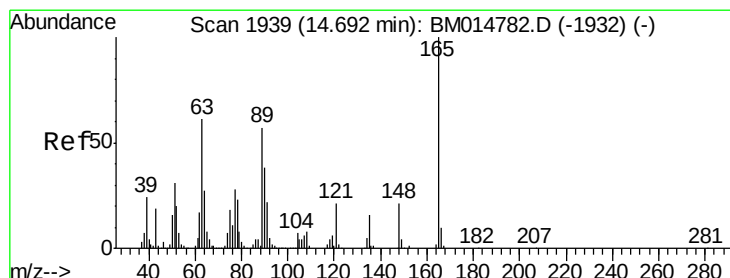
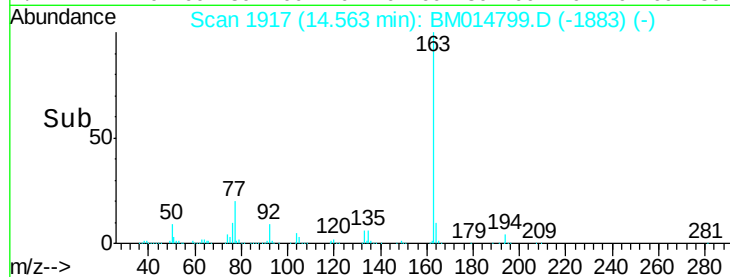
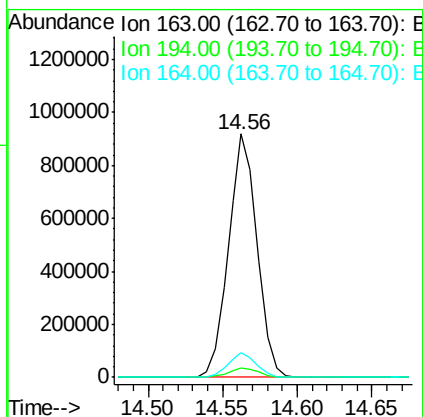
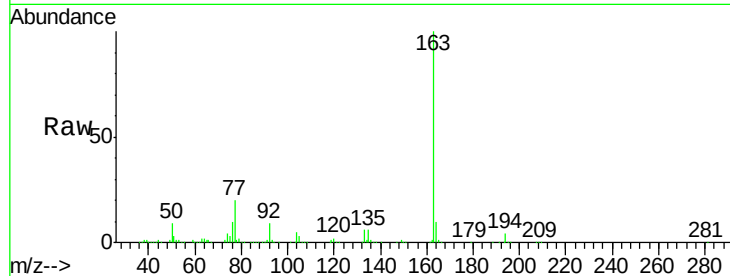




#44
Dimethylphthalate
Concen: 19.631 ng/ul
RT: 14.56 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM014799.D
Acq: 24 Apr 2018 05:05

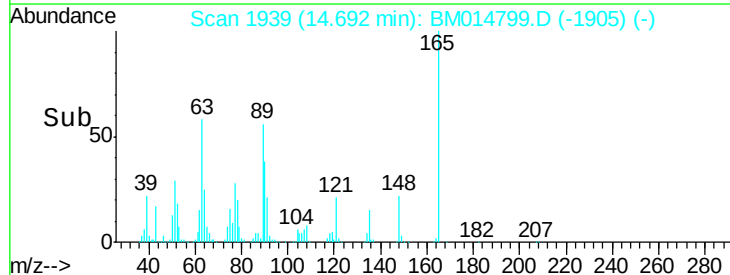
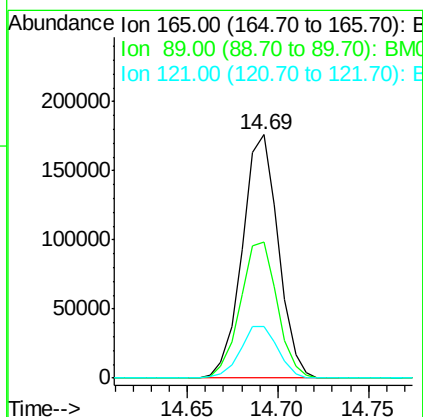
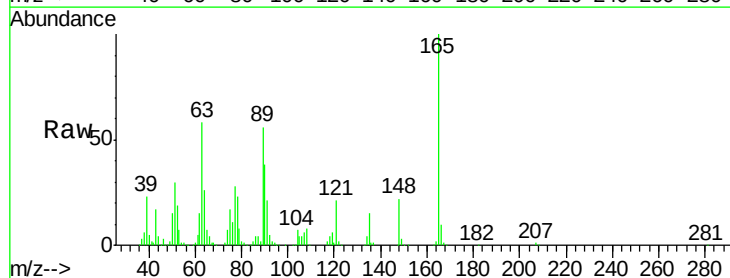
Instrument :
BNA_M
ClientSampleId :

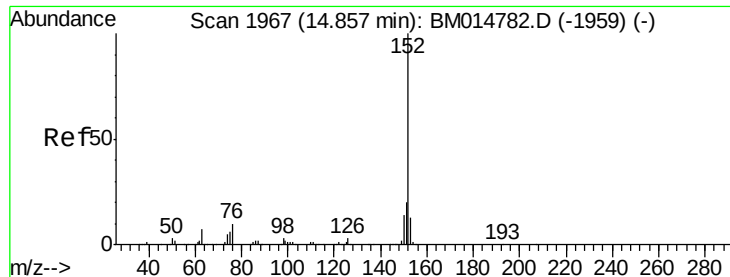
Tot Ion:163 Resp: 1225874
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 9.9 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 21.186 ng/ul
RT: 14.69 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BM014799.D
Acq: 24 Apr 2018 05:05

Tgt Ion:165 Resp: 242647
Ion Ratio Lower Upper
165 100
89 55.7 52.6 79.0
121 21.3 14.6 22.0





#47

Acenaphthylene

Concen: 20.254 ng/ul

RT: 14.86 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

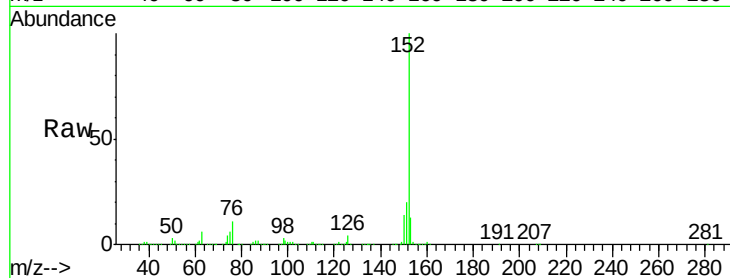
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 1565288

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.6	10.2	15.4

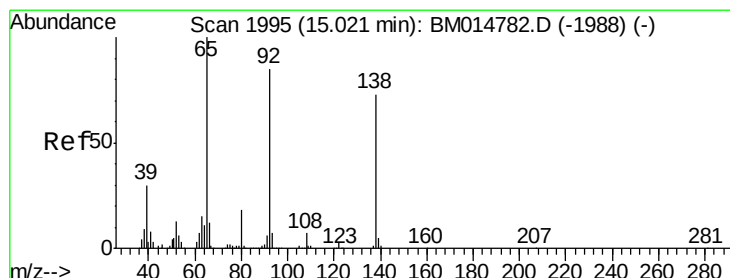
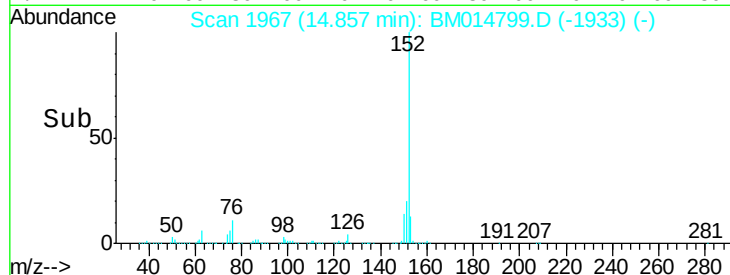
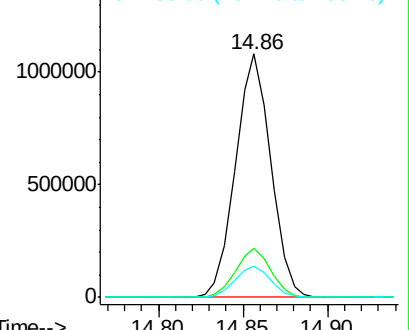


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 23.689 ng/ul

RT: 15.02 min Scan# 1995

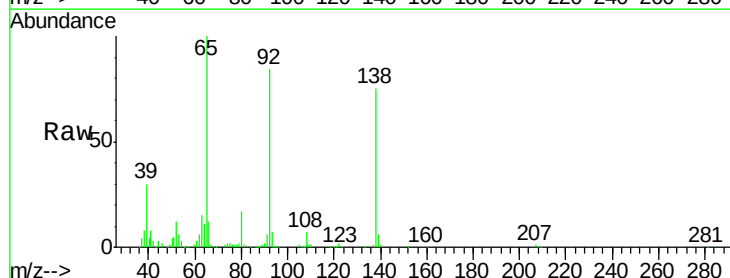
Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Tgt Ion:138 Resp: 266979

Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.9	14.9#
92	111.8	105.0	157.4

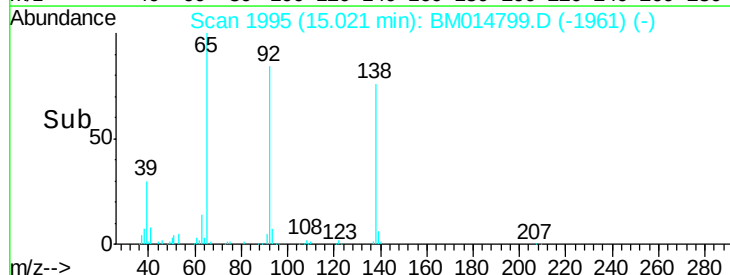
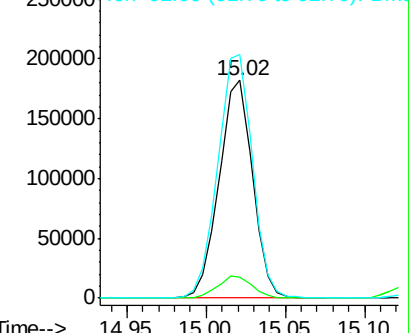


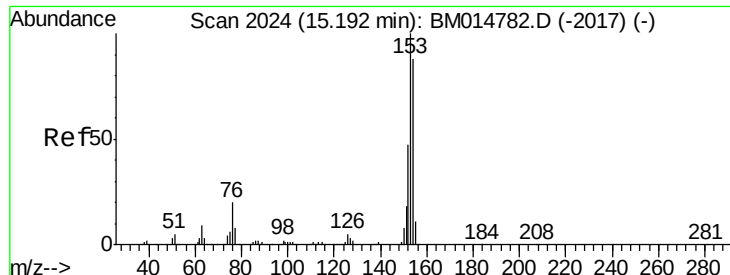
Abundance

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





#49

Acenaphthene

Concen: 19.837 ng/ul

RT: 15.19 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampled :

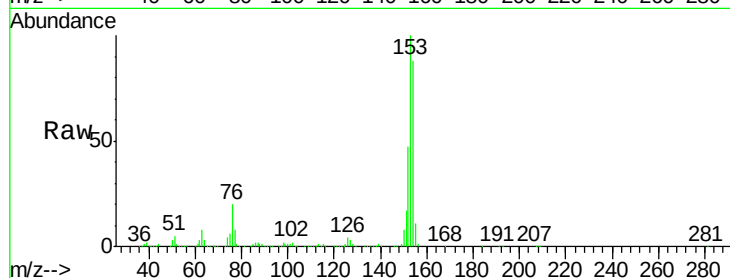
Tot Ion:153 Resp: 1089434

Ion Ratio Lower Upper

153 100

152 46.6 37.6 56.4

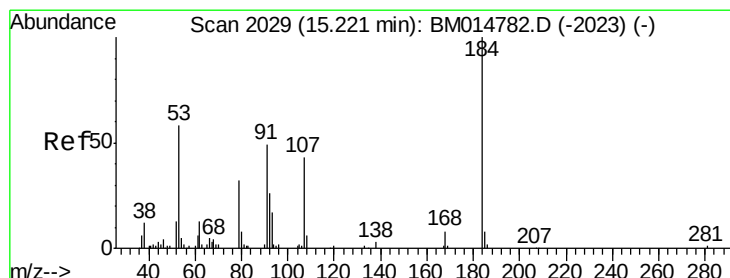
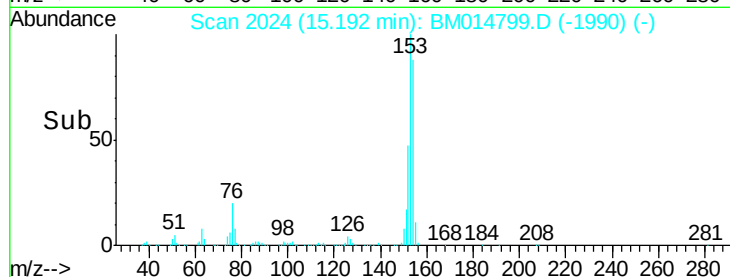
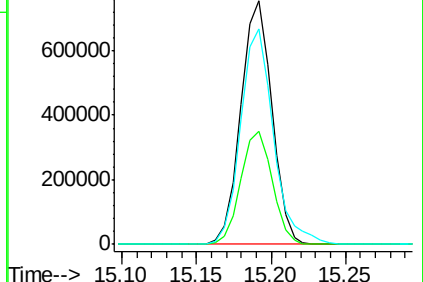
154 88.5 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 14.986 ng/ul

RT: 15.22 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

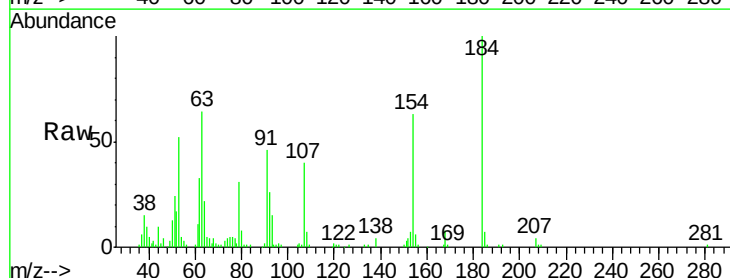
Tgt Ion:184 Resp: 95300

Ion Ratio Lower Upper

184 100

63 64.3 50.1 75.1

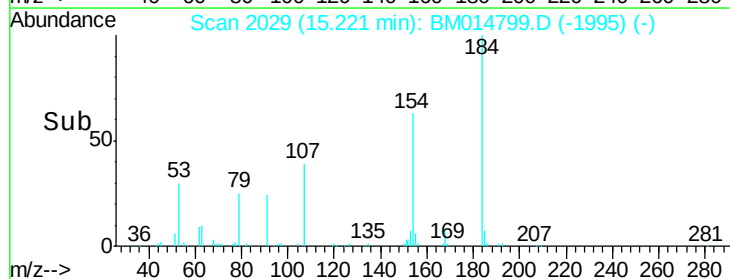
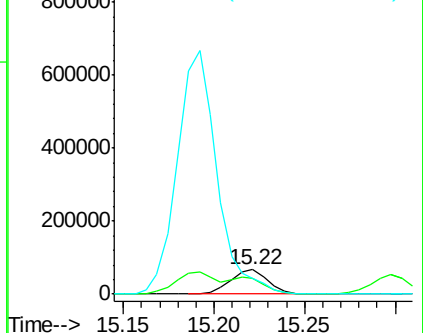
154 62.8 54.5 81.7

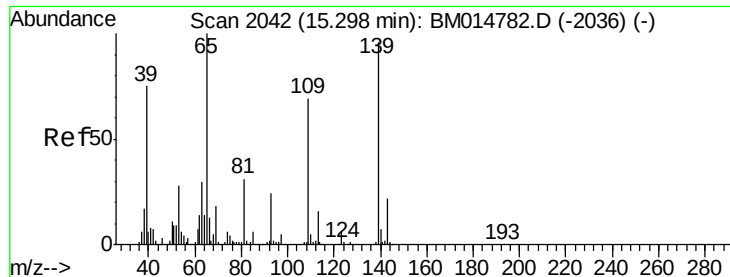


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

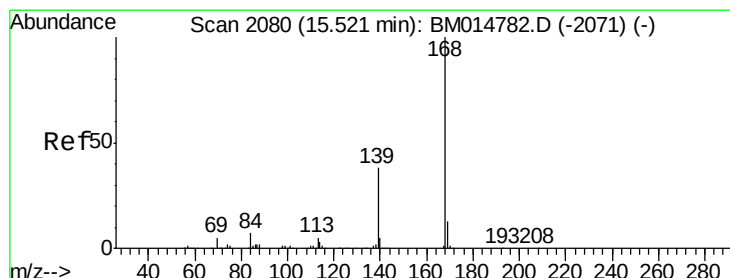
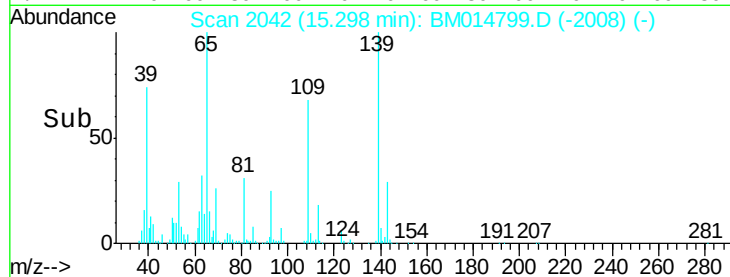
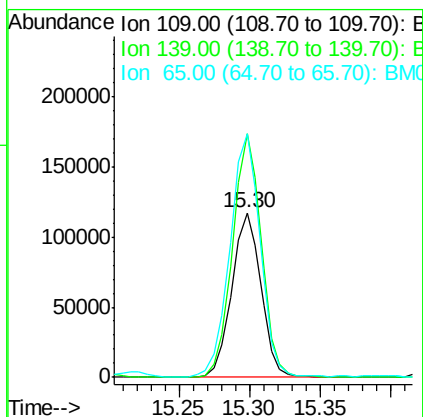
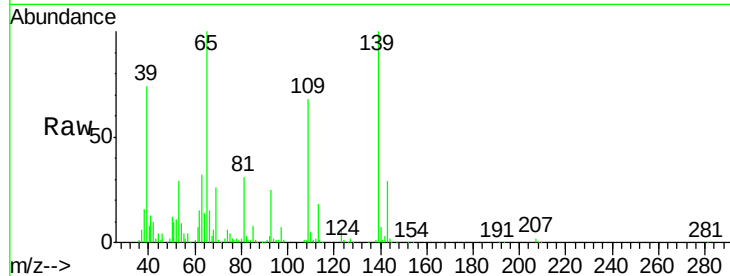




#52
4-Nitrophenol
Concen: 19.619 ng/ul
RT: 15.30 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BM014799.D
Acq: 24 Apr 2018 05:05

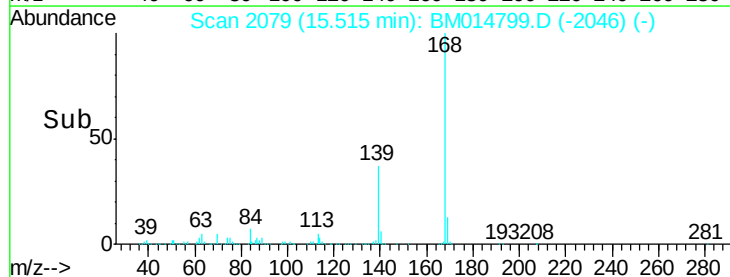
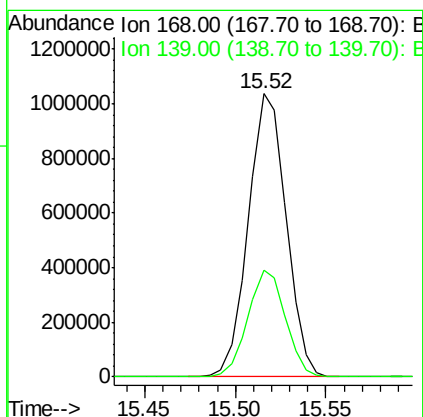
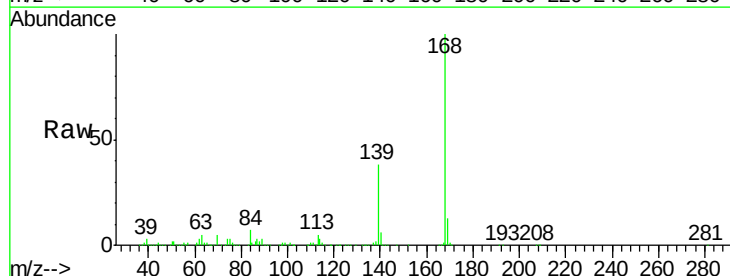
Instrument :
BNA_M
ClientSampleId :

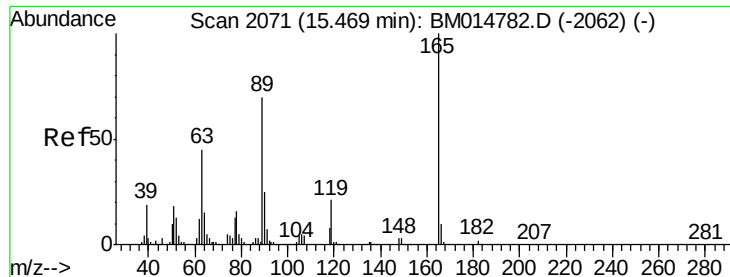
Tot Ion:109 Resp: 169507
Ion Ratio Lower Upper
109 100
139 147.9 80.0 120.0#
65 147.6 120.0 180.0



#53
Dibenzofuran
Concen: 19.699 ng/ul
RT: 15.52 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM014799.D
Acq: 24 Apr 2018 05:05

Tgt Ion:168 Resp: 1502361
Ion Ratio Lower Upper
168 100
139 37.9 30.8 46.2

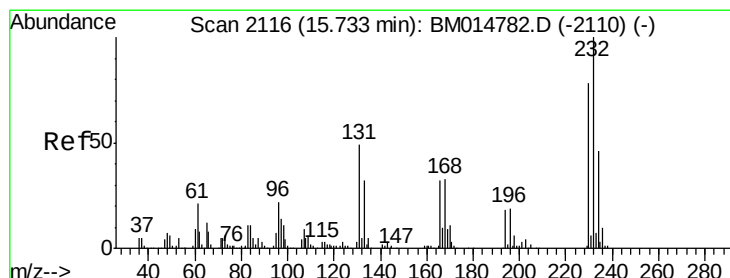
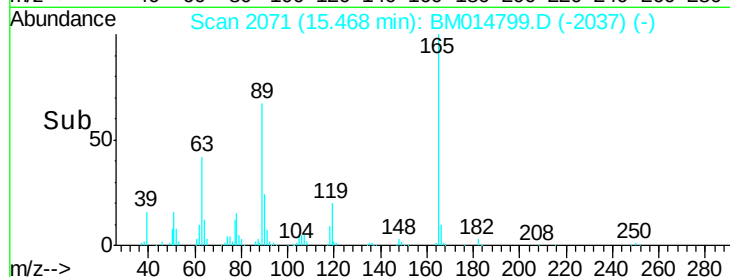
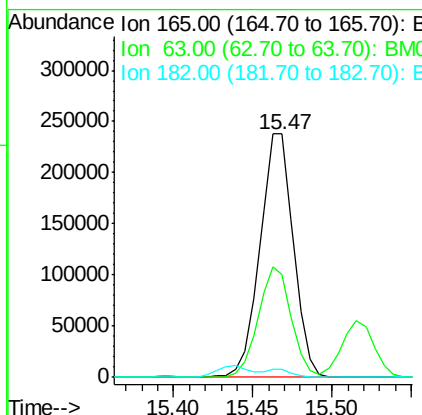
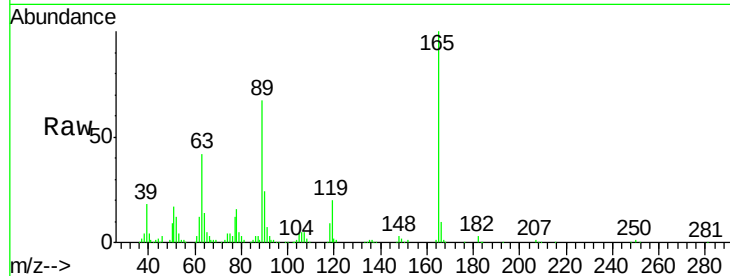




#54
 2,4-Dinitrotoluene
 Concen: 20.724 ng/ul
 RT: 15.47 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

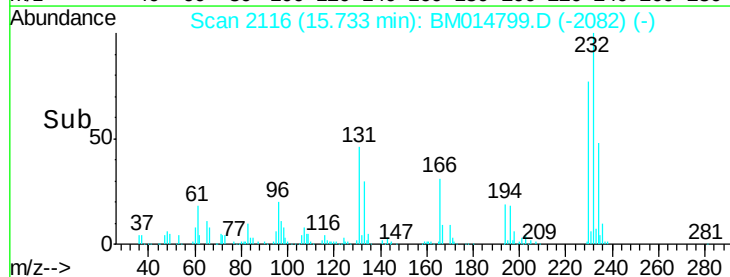
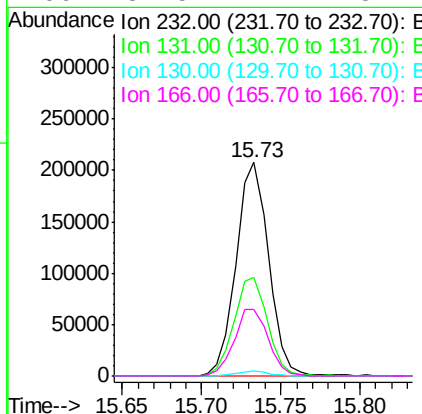
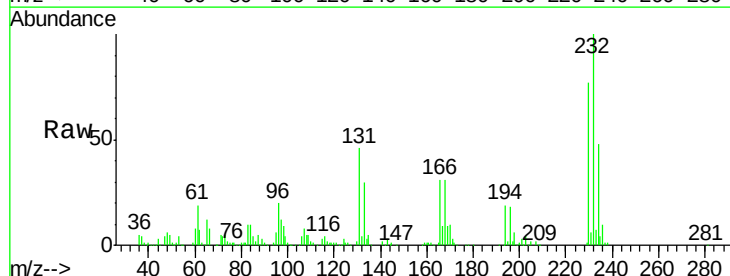
Instrument :
 BNA_M
 ClientSampleId :

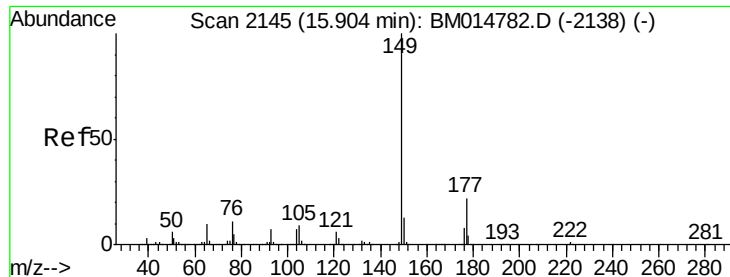
Tot Ion:165 Resp: 349705
 Ion Ratio Lower Upper
 165 100
 63 42.5 45.8 68.8#
 182 3.4 2.6 4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.400 ng/ul
 RT: 15.73 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

Tgt Ion:232 Resp: 296234
 Ion Ratio Lower Upper
 232 100
 131 46.4 29.0 43.4#
 130 2.5 2.0 3.0
 166 31.5 21.4 32.2

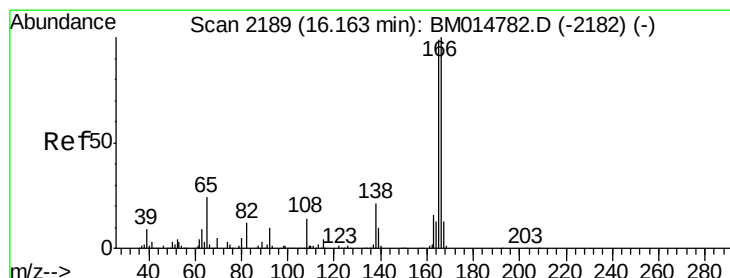
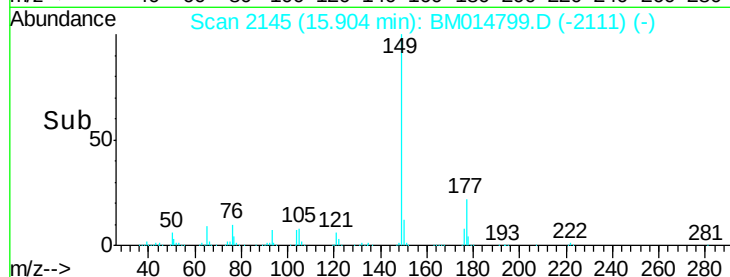
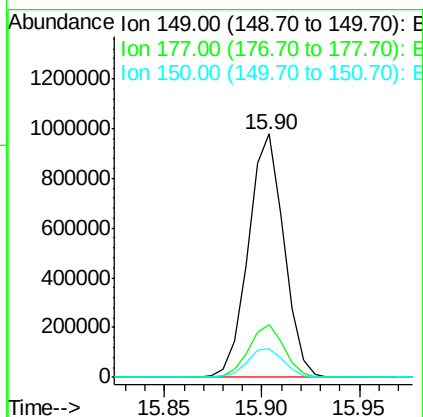
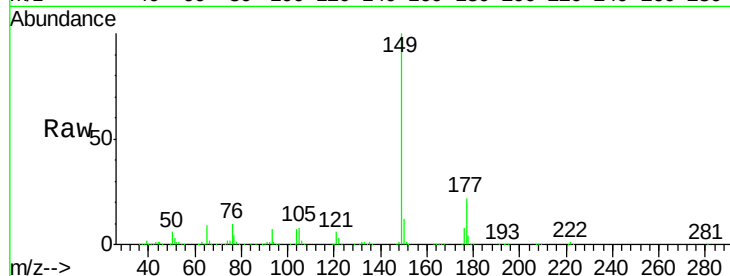




#56
Diethylphthalate
Concen: 19.578 ng/ul
RT: 15.90 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BM014799.D
Acq: 24 Apr 2018 05:05

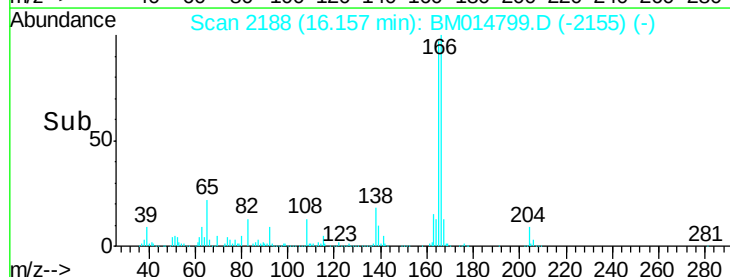
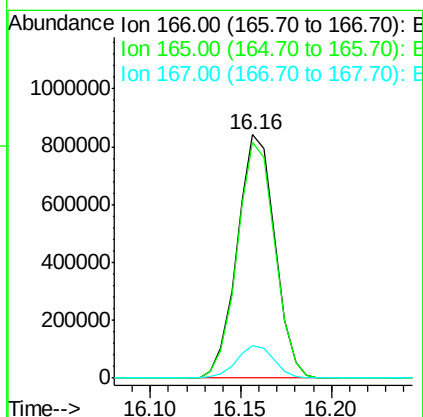
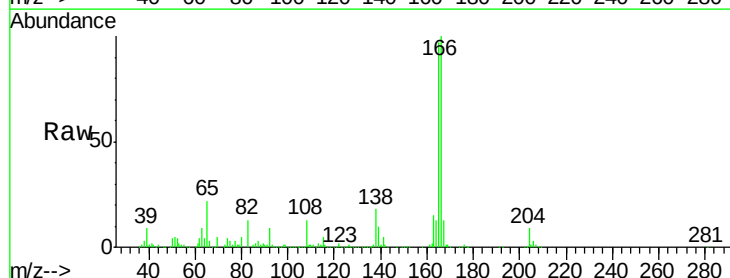
Instrument :
BNA_M
ClientSampleId :

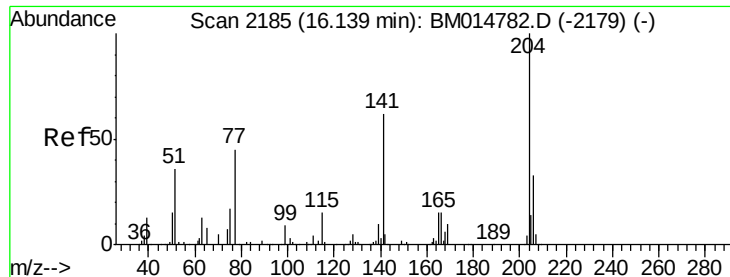
Tot Ion:149 Resp: 1230628
Ion Ratio Lower Upper
149 100
177 21.5 20.5 30.7
150 12.0 10.6 15.8



#58
Fluorene
Concen: 19.660 ng/ul
RT: 16.16 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BM014799.D
Acq: 24 Apr 2018 05:05

Tgt Ion:166 Resp: 1210706
Ion Ratio Lower Upper
166 100
165 97.1 77.9 116.9
167 13.4 10.6 16.0

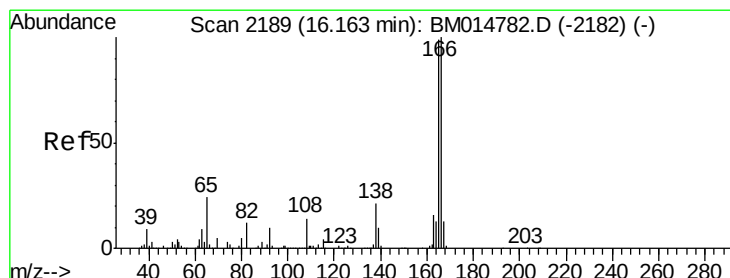
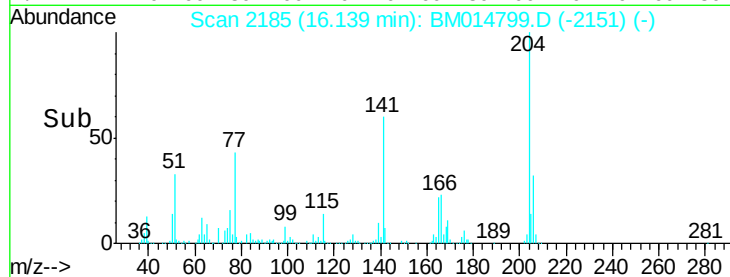
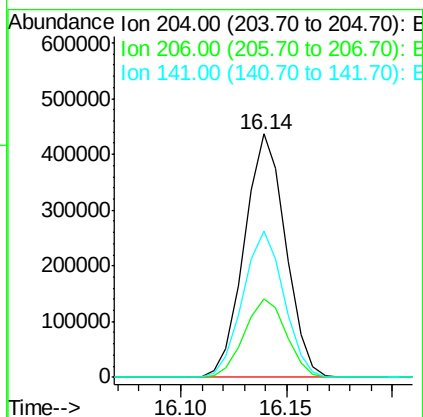
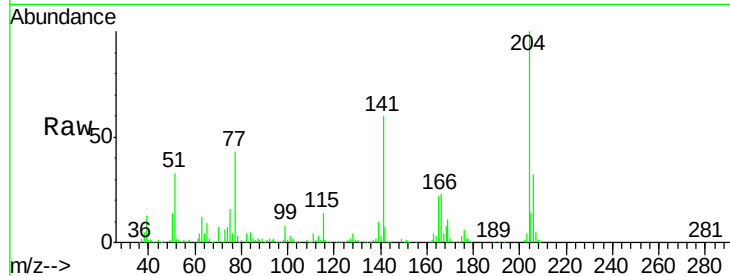




#59
 4-Chlorophenyl-phenylether
 Concen: 19.223 ng/ul
 RT: 16.14 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

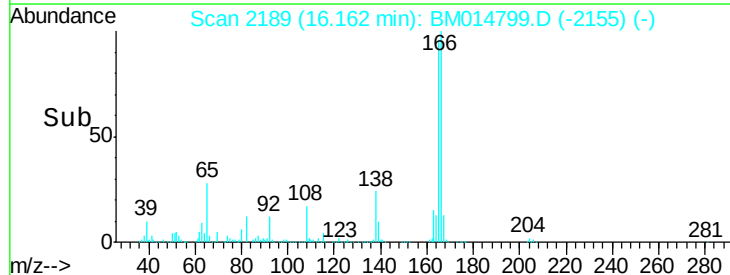
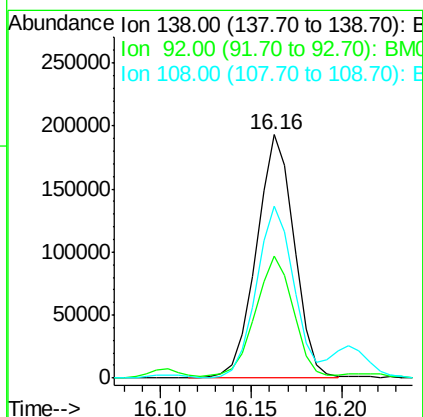
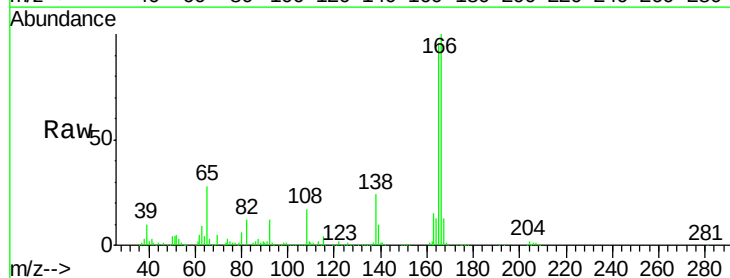
Instrument :
 BNA_M
 ClientSampled :

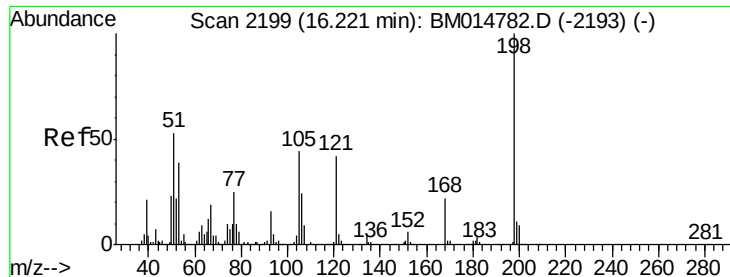
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	24.8	37.2
141	60.1	44.3	66.5



#60
 4-Nitroaniline
 Concen: 21.140 ng/ul
 RT: 16.16 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	40.0	60.0
108	70.5	80.0	120.0#

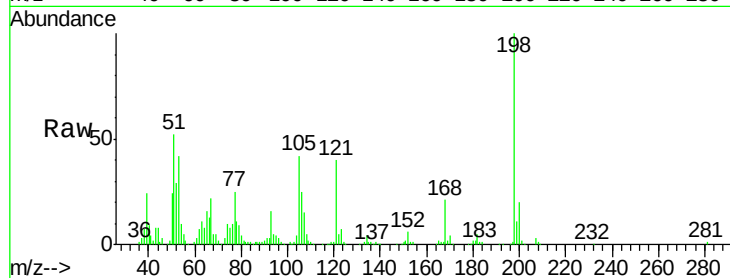




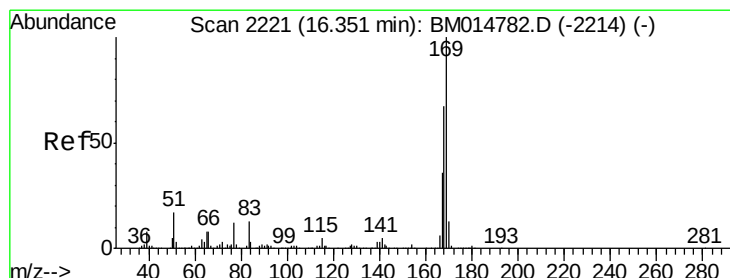
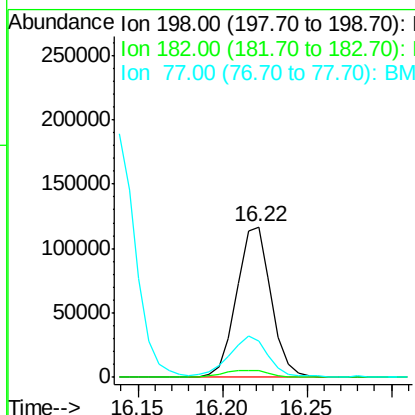
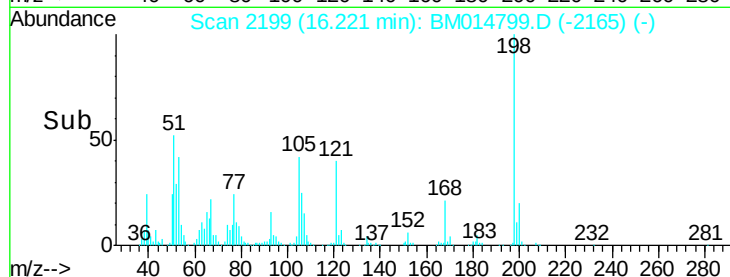
#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.852 ng/ul
 RT: 16.22 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:198 Resp: 165852
 Ion Ratio Lower Upper
 198 100
 182 4.7 3.8 5.6
 77 24.6 25.2 37.8#

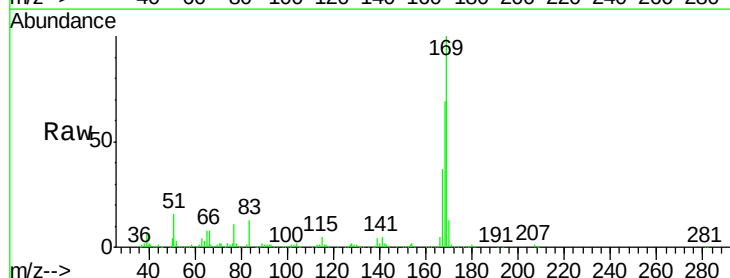


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

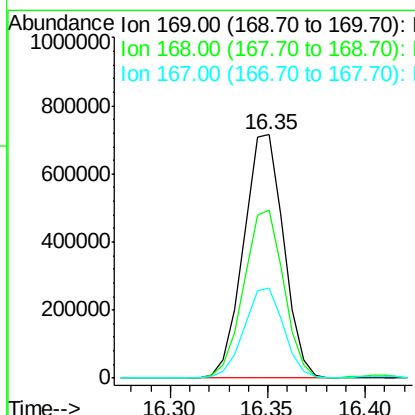
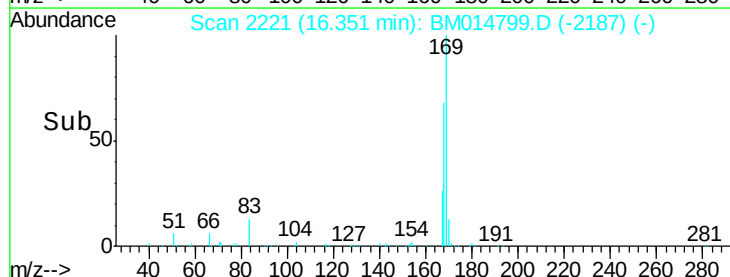


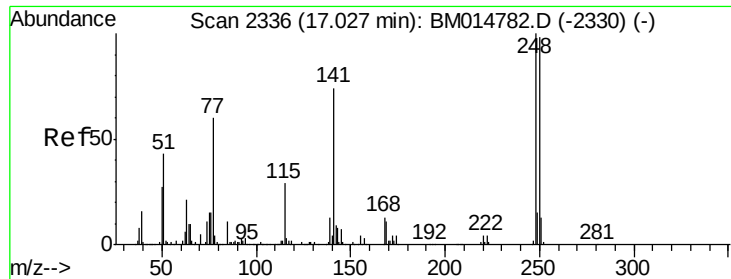
#64
 N-Nitrosodiphenylamine
 Concen: 20.105 ng/ul
 RT: 16.35 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BM014799.D
 Acq: 24 Apr 2018 05:05

Tgt Ion:169 Resp: 1020544
 Ion Ratio Lower Upper
 169 100
 168 68.8 54.0 81.0
 167 36.8 29.1 43.7



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

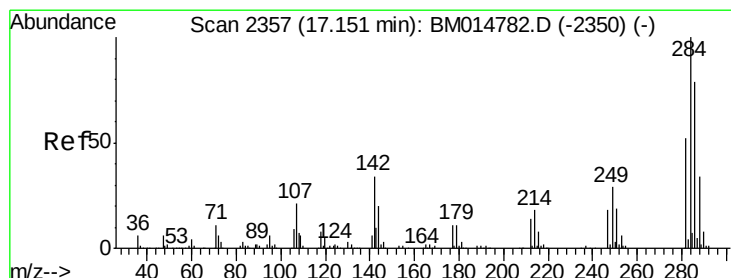
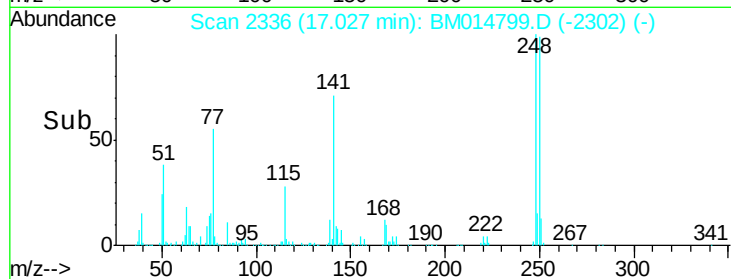
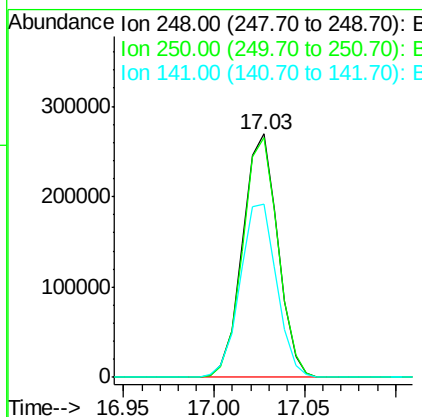
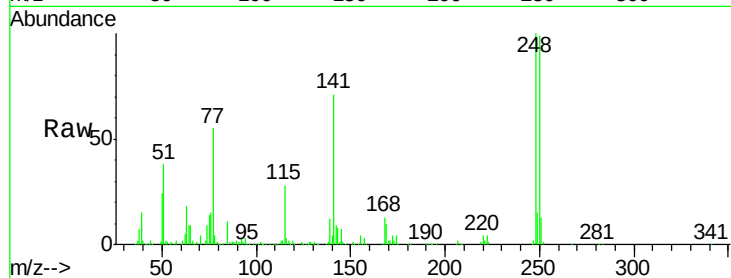




#65
4-Bromophenyl-phenylether
Concen: 19.679 ng/ul
RT: 17.03 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BM014799.D
Acq: 24 Apr 2018 05:05

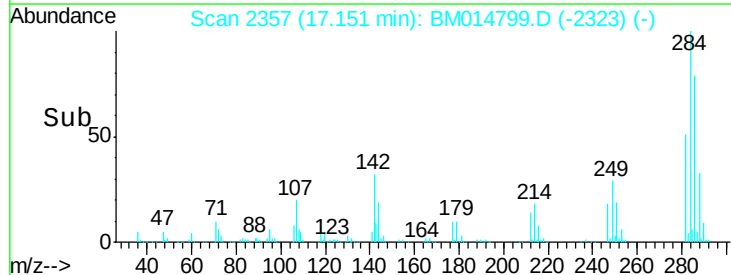
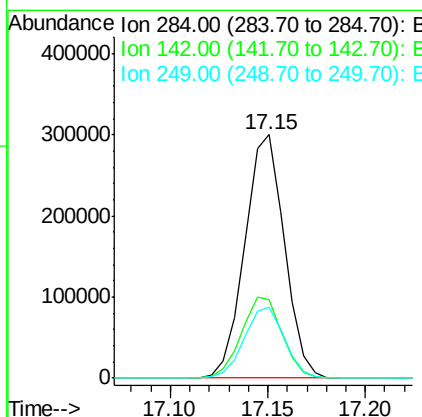
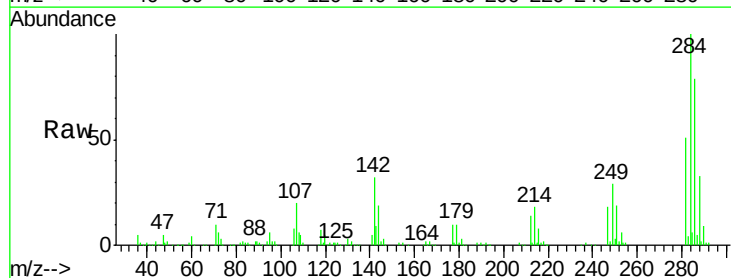
Instrument :
BNA_M
ClientSampleId :

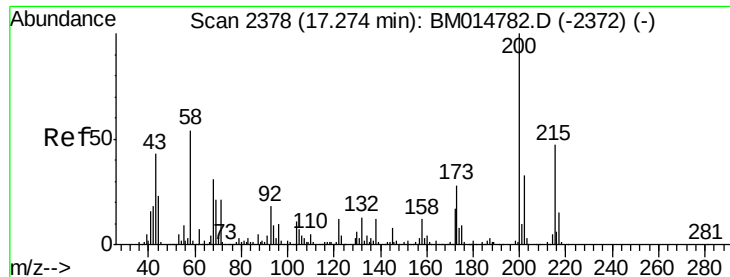
Tot Ion:248 Resp: 363813
Ion Ratio Lower Upper
248 100
250 98.5 80.5 120.7
141 71.1 53.6 80.4



#66
Hexachlorobenzene
Concen: 19.633 ng/ul
RT: 17.15 min Scan# 2357
Delta R.T. -0.00 min
Lab File: BM014799.D
Acq: 24 Apr 2018 05:05

Tgt Ion:284 Resp: 421683
Ion Ratio Lower Upper
284 100
142 32.1 21.2 31.8#
249 29.0 24.5 36.7





#67

Atrazine

Concen: 21.470 ng/ul

RT: 17.27 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

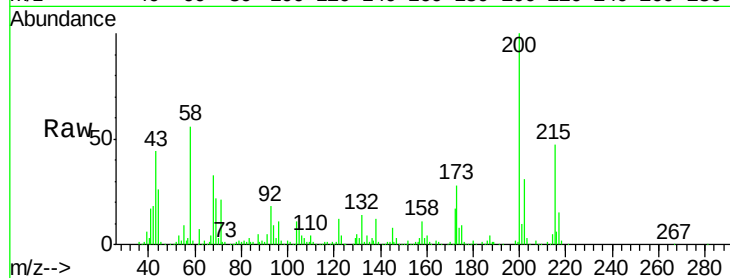
Tot Ion:200 Resp: 348019

Ion Ratio Lower Upper

200 100

173 27.8 18.2 27.2#

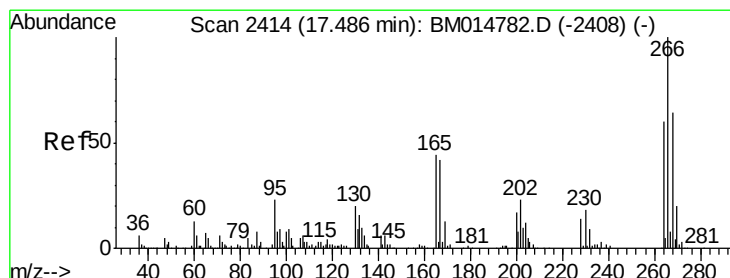
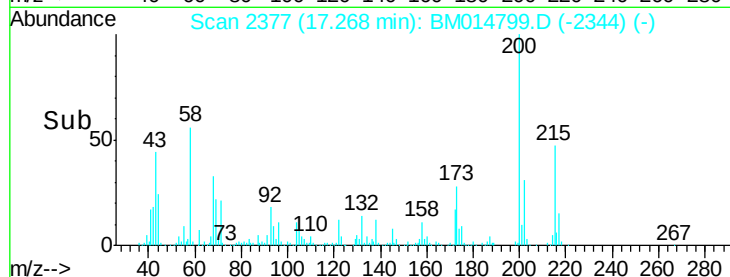
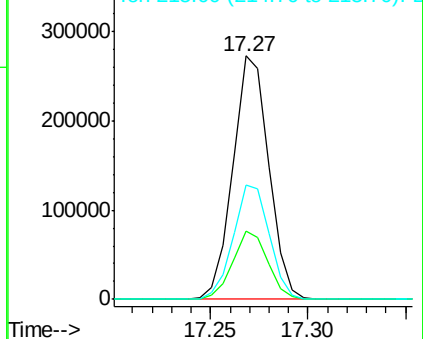
215 47.2 35.0 52.4



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



#68

Pentachlorophenol

Concen: 19.121 ng/ul

RT: 17.48 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

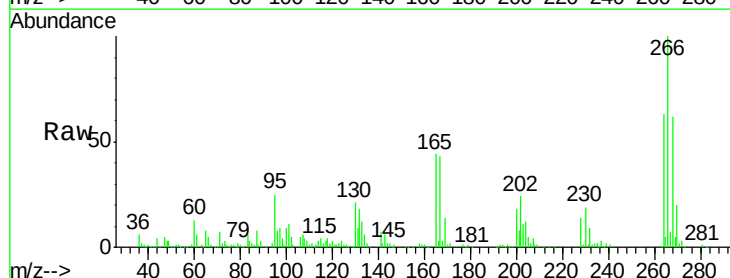
Tgt Ion:266 Resp: 233576

Ion Ratio Lower Upper

266 100

264 62.8 49.3 73.9

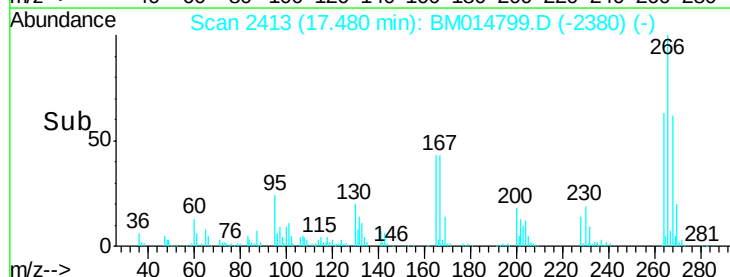
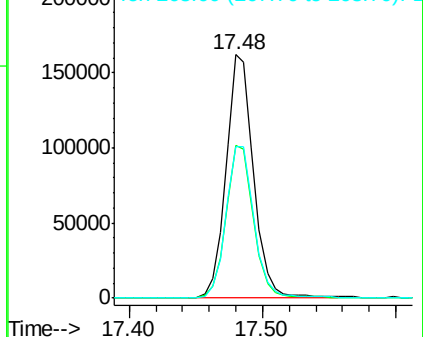
268 62.1 52.6 78.8

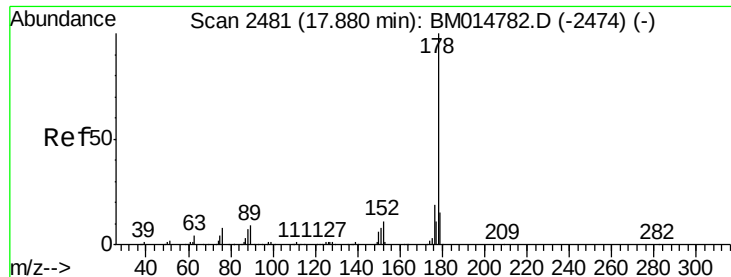


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.623 ng/ul

RT: 17.88 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

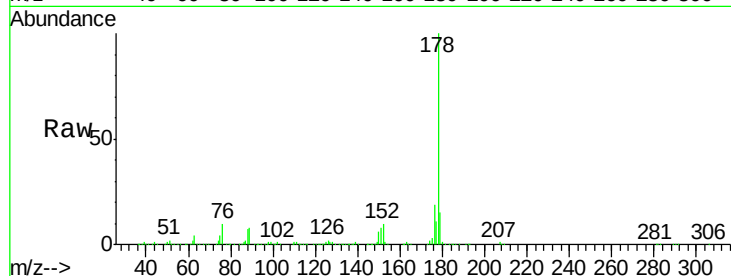
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1844597

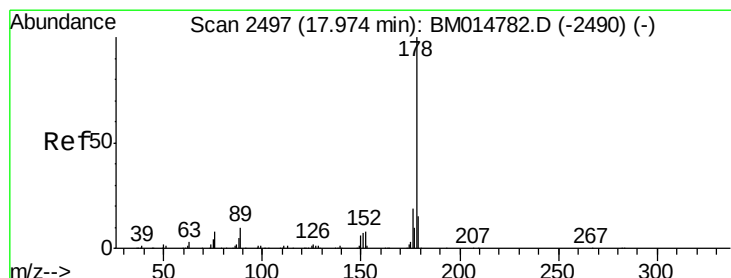
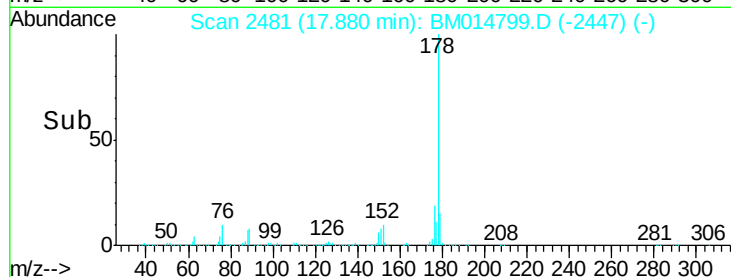
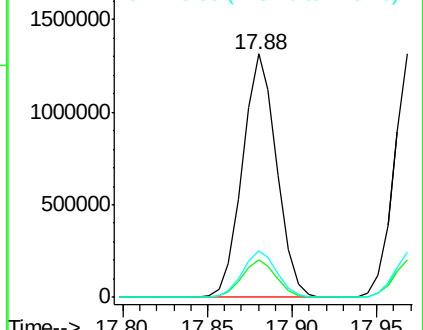
Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.0	14.9	22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.883 ng/ul

RT: 17.97 min Scan# 2496

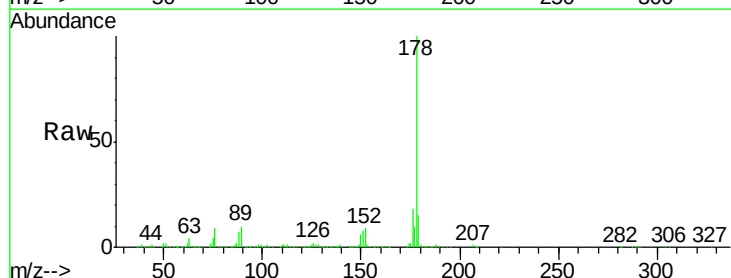
Delta R.T. -0.01 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Tgt Ion:178 Resp: 1896830

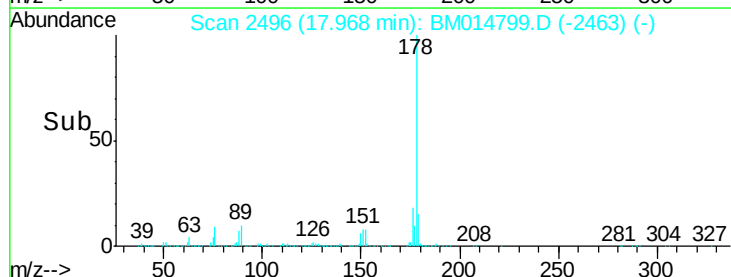
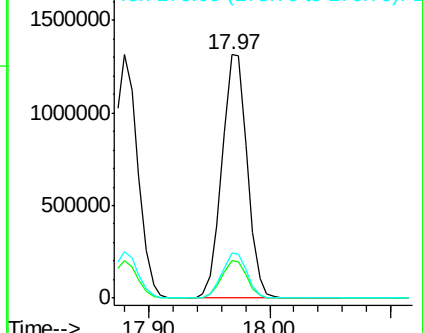
Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	18.5	14.6	21.8

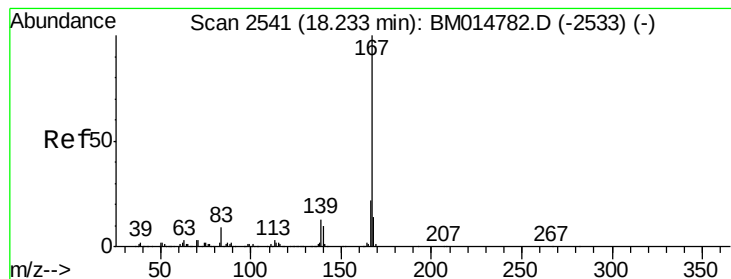


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.287 ng/ul

RT: 18.23 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

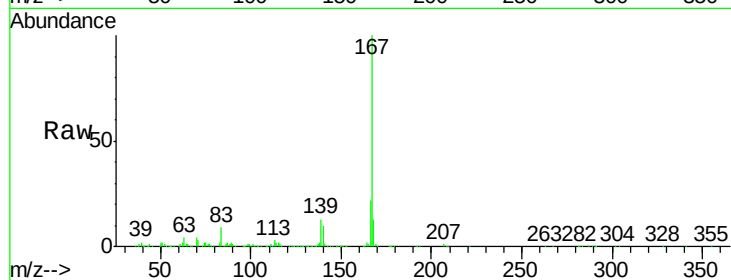
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 1651092

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	13.2	10.0	15.0

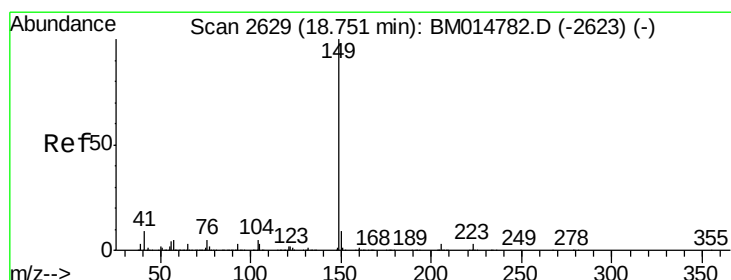
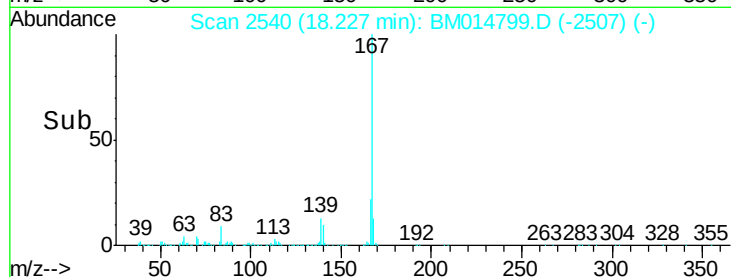
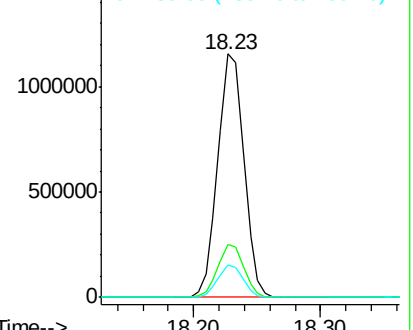


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 20.619 ng/ul

RT: 18.75 min Scan# 2629

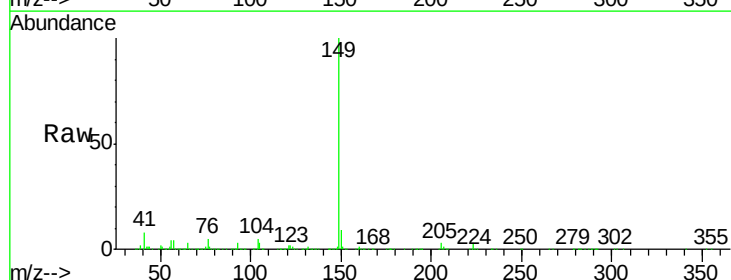
Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Tgt Ion:149 Resp: 2040627

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.1	10.7
104	4.8	5.6	8.4

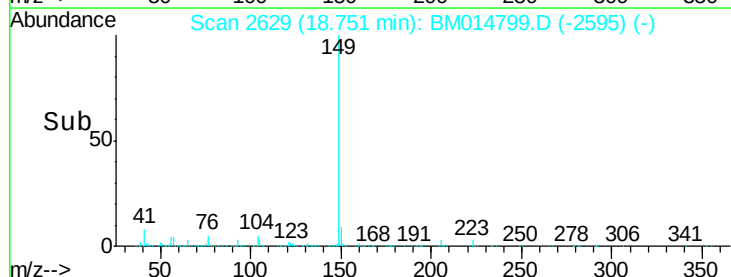
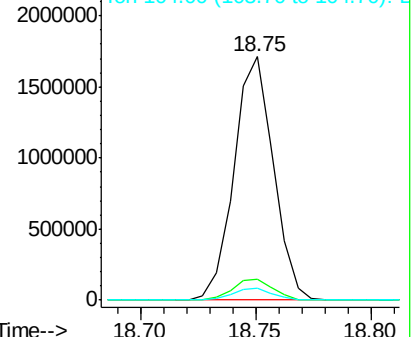


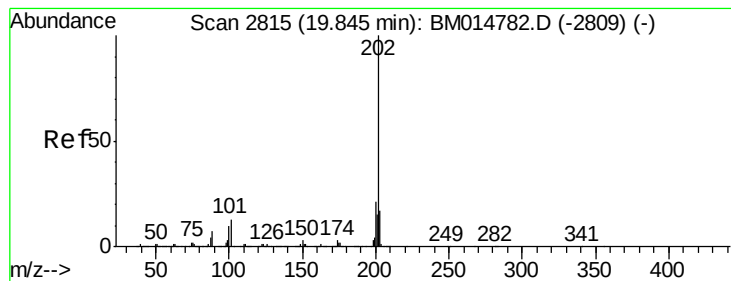
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 19.952 ng/ul

RT: 19.84 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

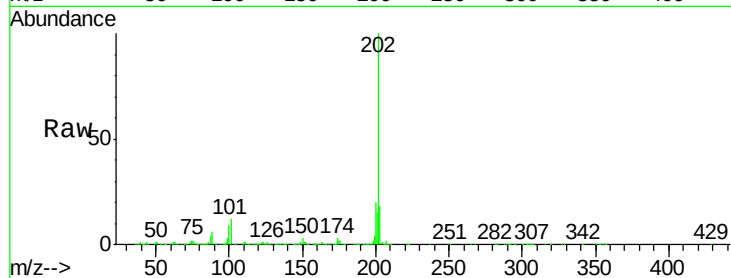
Tot Ion:202 Resp: 2044838

Ion Ratio Lower Upper

202 100

101 12.2 4.6 7.0#

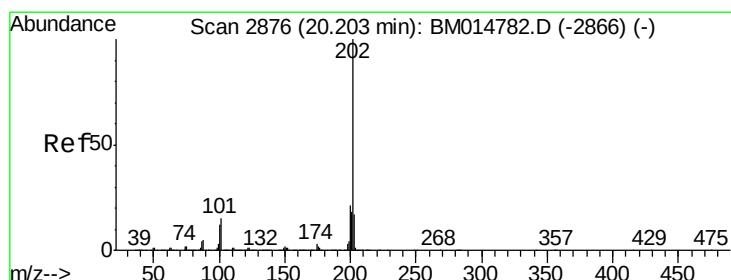
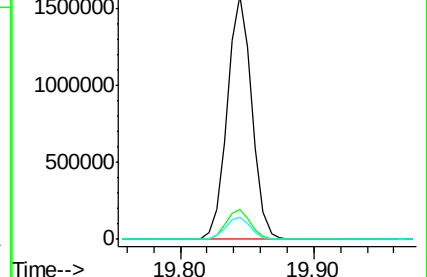
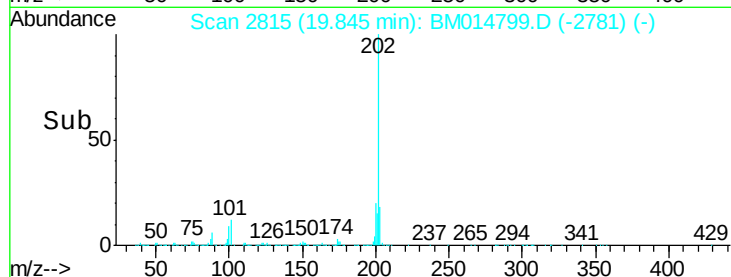
100 9.2 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 20.415 ng/ul

RT: 20.20 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

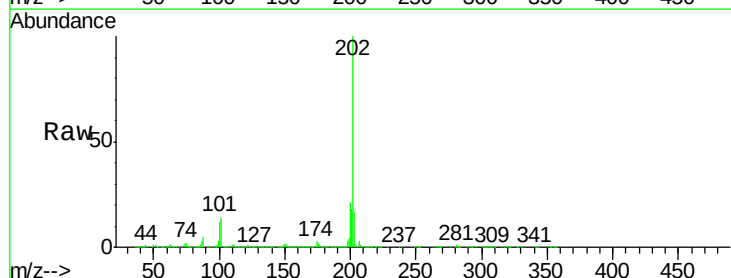
Tgt Ion:202 Resp: 2073862

Ion Ratio Lower Upper

202 100

101 13.7 5.1 7.7#

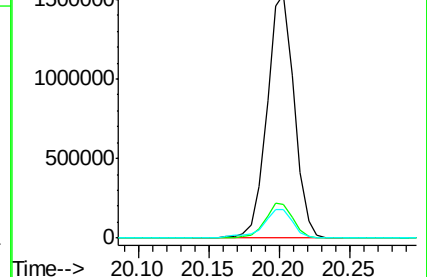
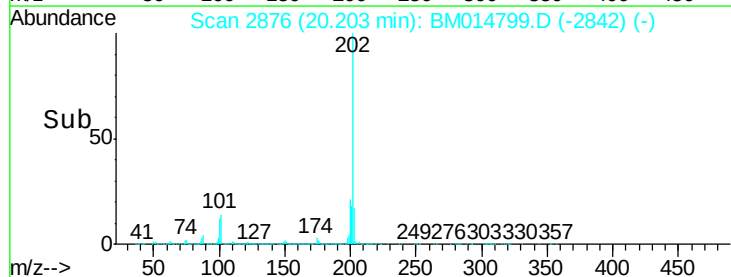
100 11.6 4.9 7.3#

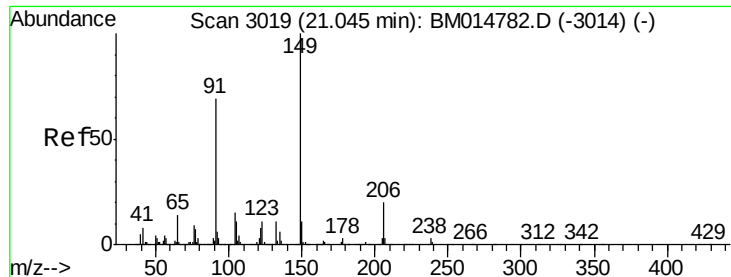


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

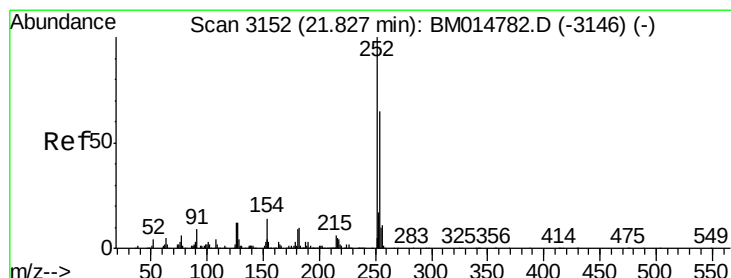
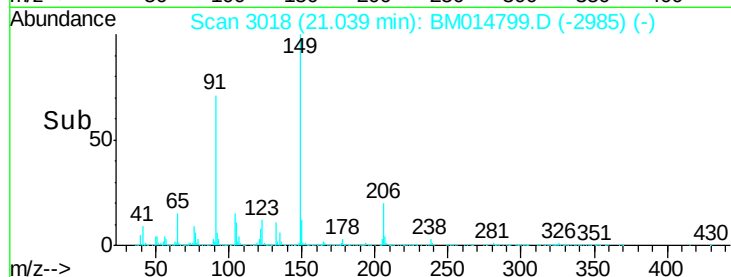
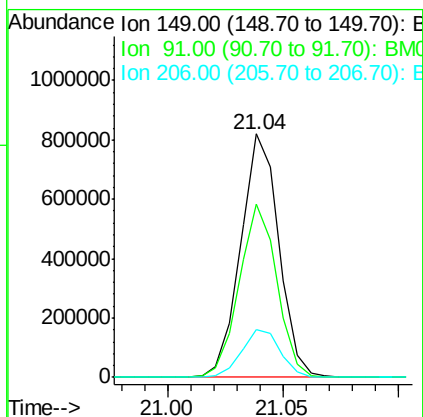
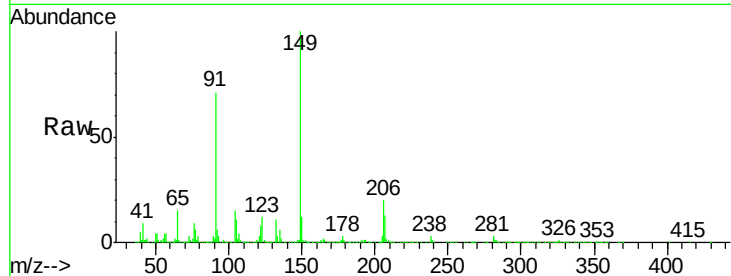




#78
Butylbenzylphthalate
Concen: 22.738 ng/ul
RT: 21.04 min Scan# 3018
Delta R.T. -0.01 min
Lab File: BM014799.D
Acq: 24 Apr 2018 05:05

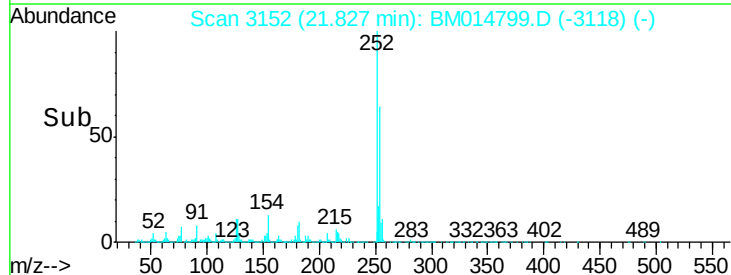
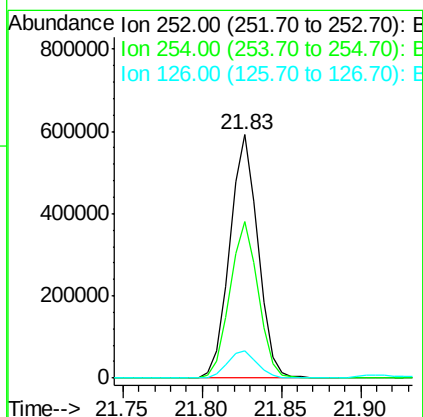
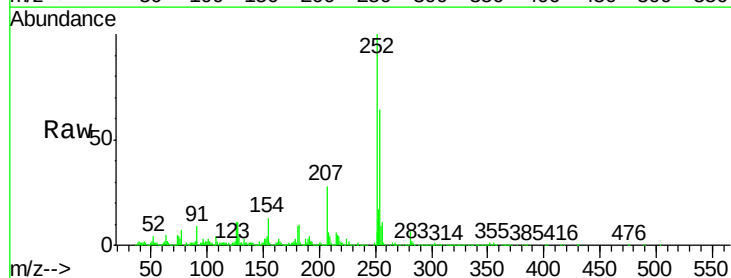
Instrument :
BNA_M
ClientSampleId :

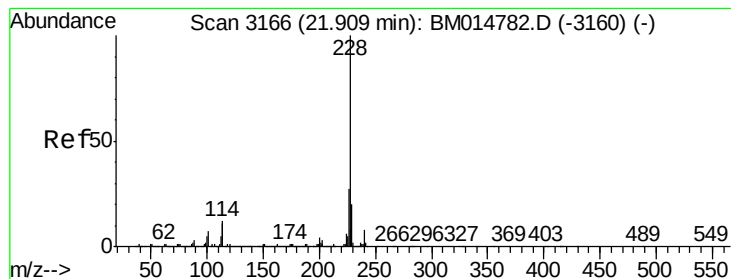
Tot Ion:149 Resp: 942375
Ion Ratio Lower Upper
149 100
91 71.3 62.7 94.1
206 19.8 20.8 31.2#



#79
3,3'-Dichlorobenzidine
Concen: 21.786 ng/ul
RT: 21.83 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BM014799.D
Acq: 24 Apr 2018 05:05

Tgt Ion:252 Resp: 722670
Ion Ratio Lower Upper
252 100
254 64.1 54.5 81.7
126 11.3 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 20.062 ng/ul

RT: 21.91 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

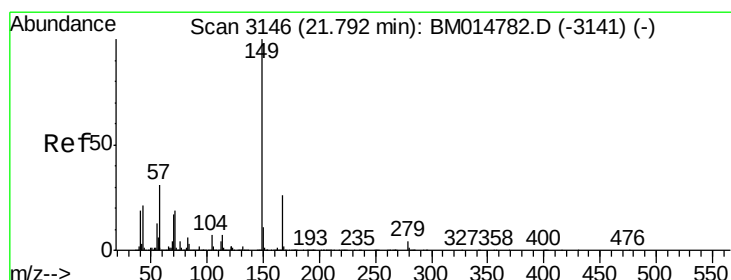
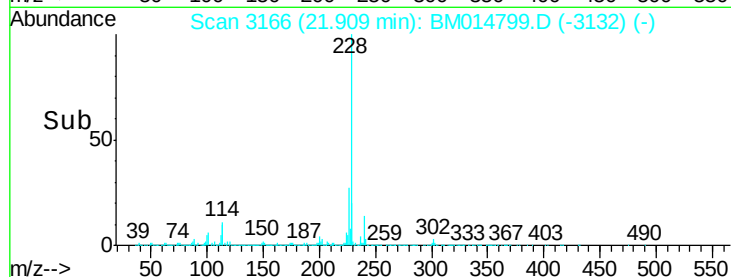
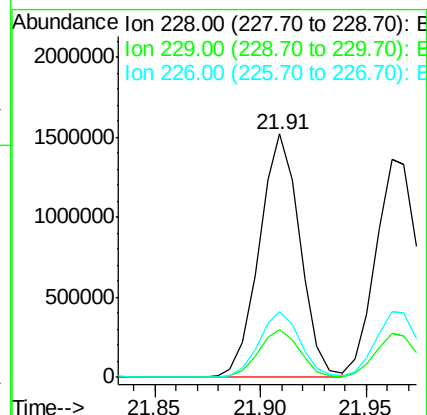
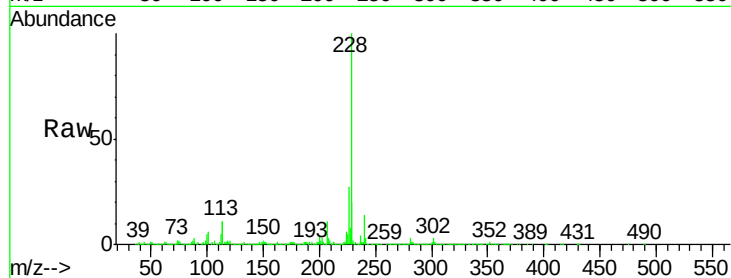
Tot Ion:228 Resp: 2039840

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.0
226	27.0	21.4	32.0

228 100

229 19.7 15.4 23.0

226 27.0 21.4 32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 21.298 ng/ul

RT: 21.79 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

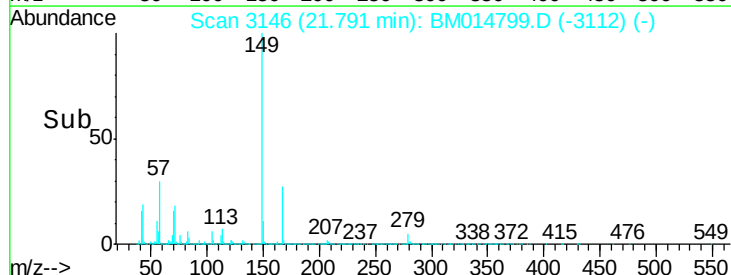
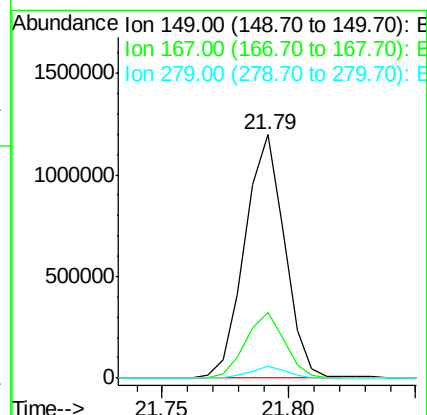
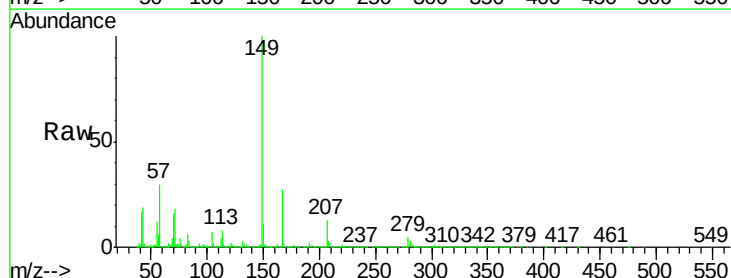
Tgt Ion:149 Resp: 1295633

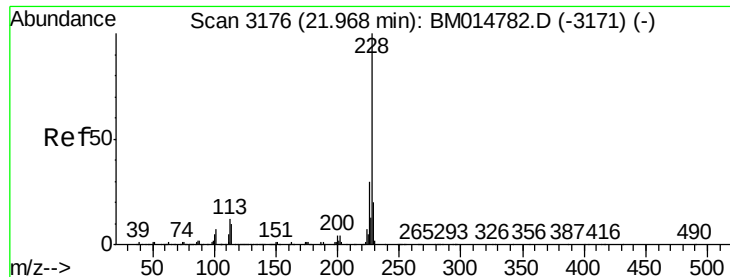
Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.8	34.2
279	4.7	4.9	7.3

149 100

167 27.0 22.8 34.2

279 4.7 4.9 7.3





#82

Chrysene

Concen: 19.885 ng/ul

RT: 21.96 min Scan# 3175

Delta R.T. -0.01 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

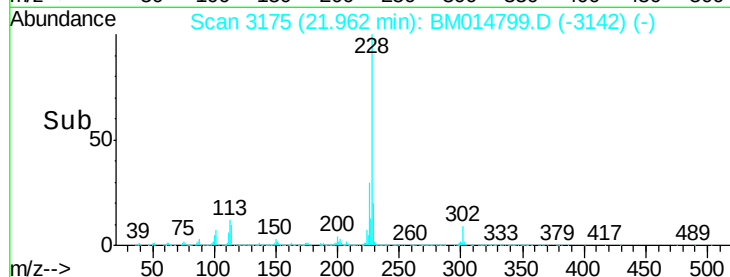
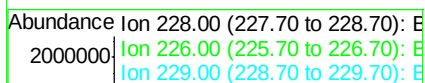
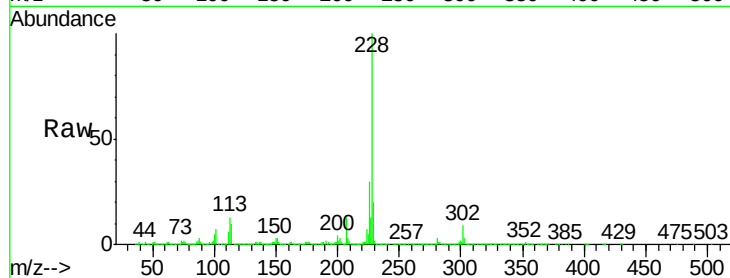
Tot Ion:228 Resp: 1892738

Ion Ratio Lower Upper

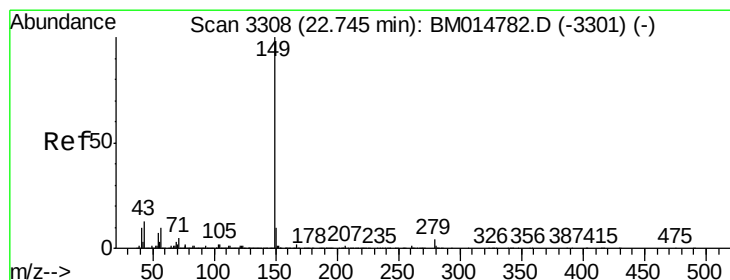
228 100

226 30.2 23.4 35.2

229 20.1 15.5 23.3



Time-->



#84

Di-n-octyl phthalate

Concen: 21.349 ng/ul

RT: 22.74 min Scan# 3307

Delta R.T. -0.01 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

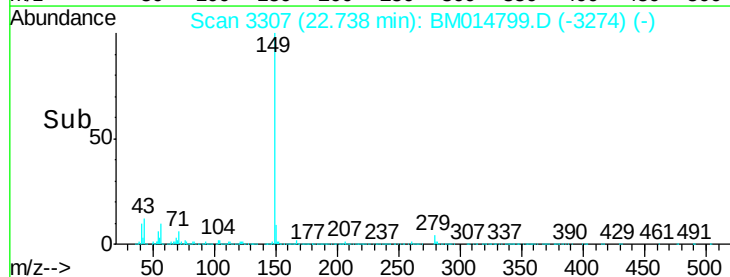
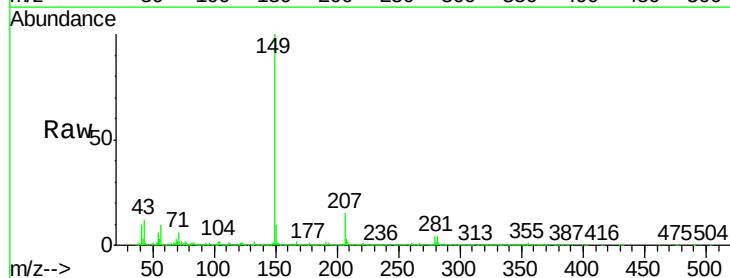
Tgt Ion:149 Resp: 2198265

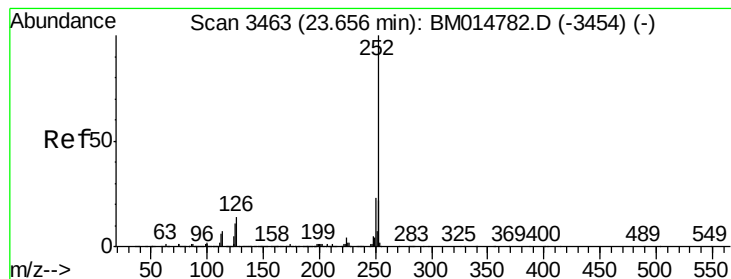
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.4 7.3 10.9#





#85

Benzo(b)fluoranthene

Concen: 19.513 ng/ul

RT: 23.66 min Scan# 3463

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

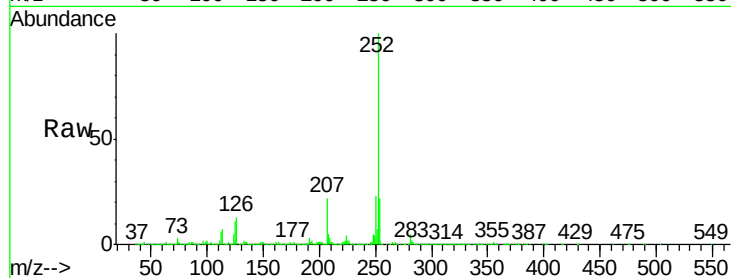
Tot Ion:252 Resp: 2059317

Ion Ratio Lower Upper

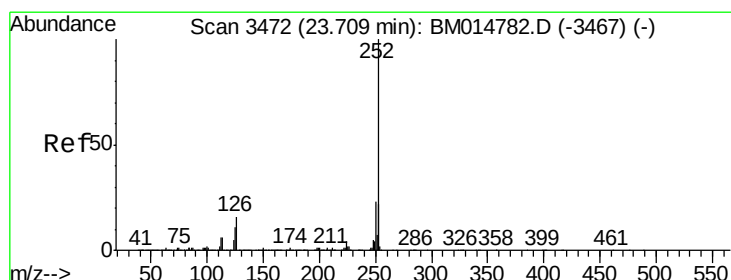
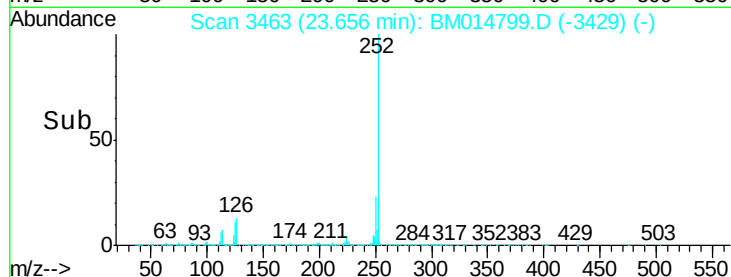
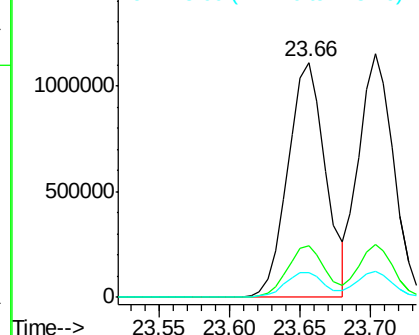
252 100

253 21.9 17.9 26.9

125 10.7 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 19.234 ng/ul

RT: 23.70 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

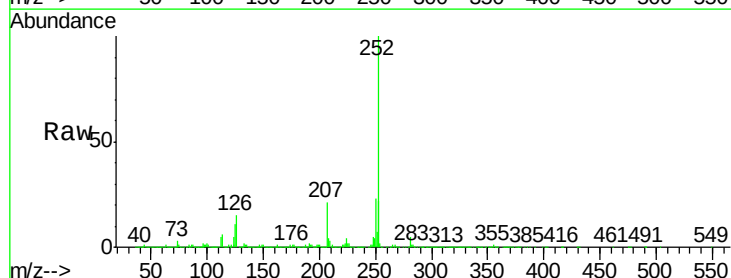
Tgt Ion:252 Resp: 1951892

Ion Ratio Lower Upper

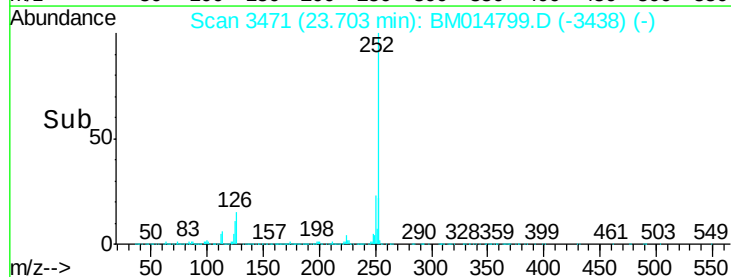
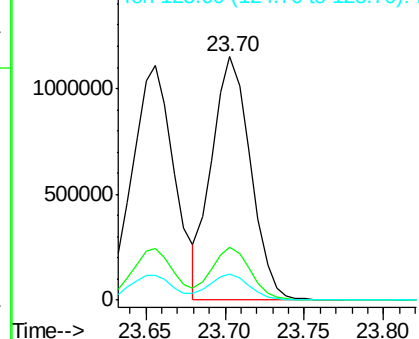
252 100

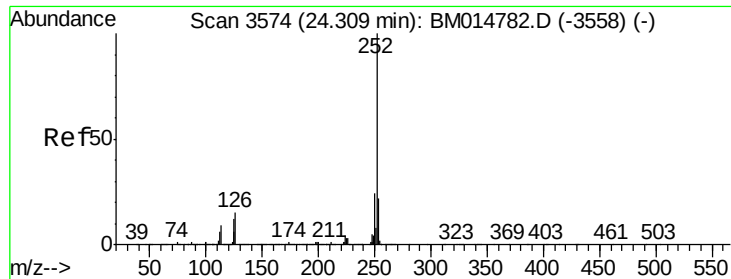
253 22.0 17.1 25.7

125 10.9 3.4 5.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.482 ng/ul

RT: 24.31 min Scan# 3574

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

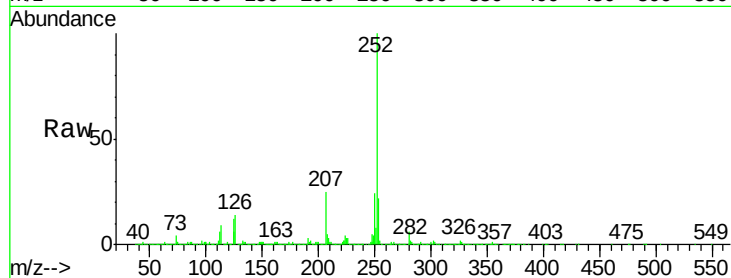
Tot Ion:252 Resp: 1950278

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

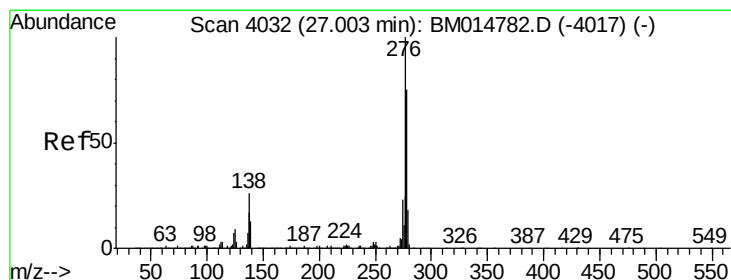
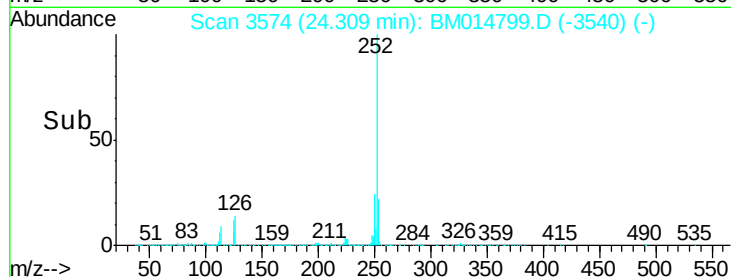
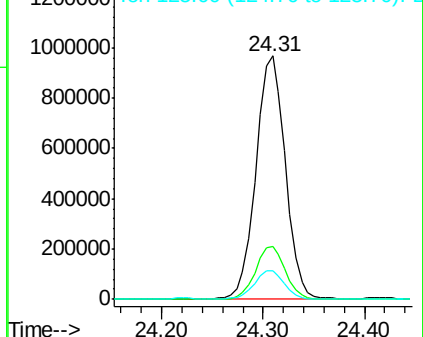
125 11.8 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 19.461 ng/ul

RT: 27.00 min Scan# 4032

Delta R.T. -0.00 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

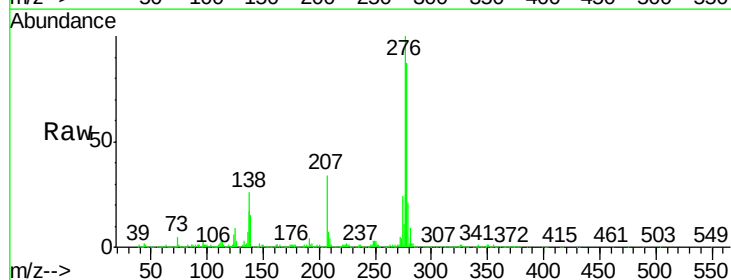
Tgt Ion:276 Resp: 2356768

Ion Ratio Lower Upper

276 100

138 25.6 9.3 13.9#

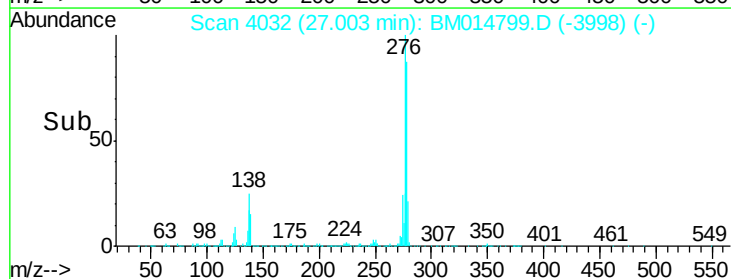
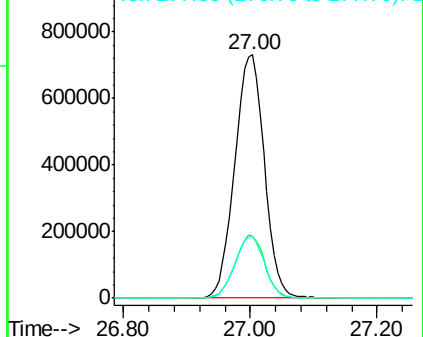
277 25.4 19.9 29.9

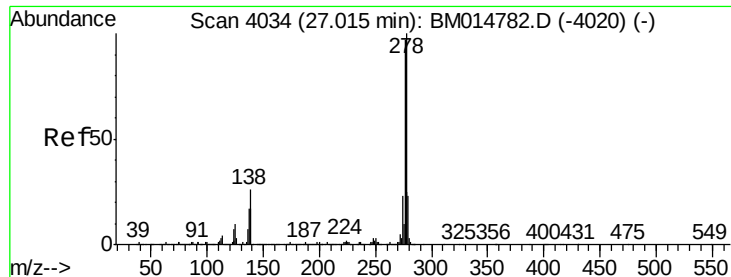


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 19.579 ng/ul

RT: 27.01 min Scan# 4033

Delta R.T. -0.01 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

Instrument :

BNA_M

ClientSampleId :

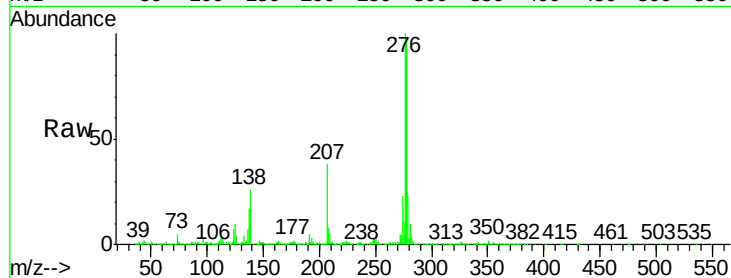
Tot Ion:278 Resp: 1996413

Ion Ratio Lower Upper

278 100

139 16.8 5.8 8.8#

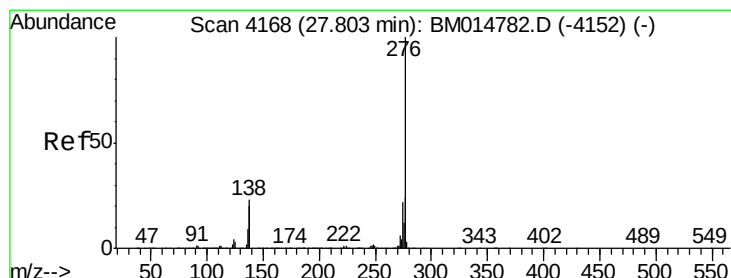
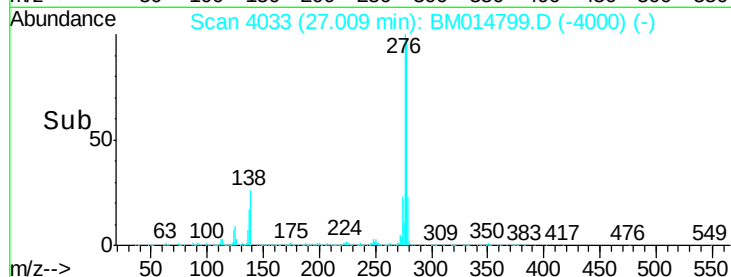
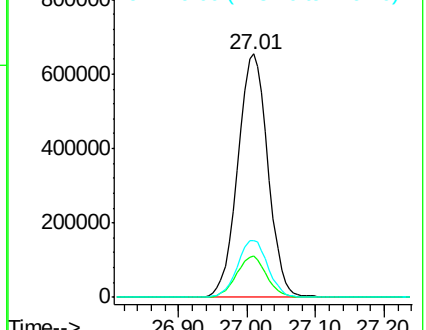
279 23.5 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 19.053 ng/ul

RT: 27.80 min Scan# 4167

Delta R.T. -0.01 min

Lab File: BM014799.D

Acq: 24 Apr 2018 05:05

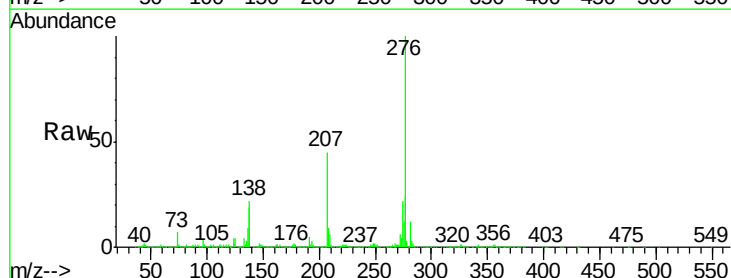
Tgt Ion:276 Resp: 1898253

Ion Ratio Lower Upper

276 100

138 22.5 8.5 12.7#

277 23.7 18.6 28.0



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

