

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
 Data File : BM016644.D
 Acq On : 04 Sep 2018 13:54
 Operator : SJ/JU
 Sample : PB112563BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 04 14:49:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	88846	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	351776	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	236114	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	676619	20.00	ng	0.00
75) Chrysene-d12	21.52	240	824723	20.00	ng	-0.01
86) Perylene-d12	23.80	264	815821	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	532955	117.55	ng	0.00
7) Phenol-d6	7.18	99	628678	104.79	ng	0.00
23) Nitrobenzene-d5	9.19	82	561361	72.86	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	641341	97.17	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1817460	73.99	ng	-0.01
78) Terphenyl-d14	19.97	244	3174781	81.48	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	101907	40.685	ng	# 100
3) Pyridine	3.80	79	182492	35.018	ng	# 84
4) n-Nitrosodimethylamine	3.72	42	122480	52.755	ng	# 64
6) Aniline	7.33	93	212437	31.642	ng	# 83
8) 2-Chlorophenol	7.56	128	228319	42.321	ng	# 93
9) Benzaldehyde	7.15	77	149512	35.908	ng	# 68
10) Phenol	7.20	94	234067	39.450	ng	# 81
11) bis(2-Chloroethyl)ether	7.43	93	168934	37.969	ng	# 95
12) 1,3-Dichlorobenzene	7.88	146	261274	36.528	ng	# 81
13) 1,4-Dichlorobenzene	8.03	146	272077	37.065	ng	# 96
14) 1,2-Dichlorobenzene	8.35	146	264355	36.656	ng	# 95
15) Benzyl Alcohol	8.26	79	193094	34.657	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.52	45	112696	36.785	ng	# 39
17) 2-Methylphenol	8.46	107	170983	39.795	ng	# 76
18) Hexachloroethane	9.05	117	158753	46.944	ng	# 51
19) n-Nitroso-di-n-propylamine	8.82	70	176963	37.621	ng	# 86
20) 3+4-Methylphenols	8.79	107	221730	37.324	ng	# 83
22) Acetophenone	8.84	105	344146	40.627	ng	# 98
24) Nitrobenzene	9.23	77	311007	40.402	ng	# 91
25) Isophorone	9.74	82	466133	45.269	ng	# 91
26) 2-Nitrophenol	9.93	139	125138	38.025	ng	# 34
27) 2,4-Dimethylphenol	9.99	122	191849	44.734	ng	# 76
28) bis(2-Chloroethoxy)methane	10.22	93	243735	39.653	ng	# 99
29) 2,4-Dichlorophenol	10.47	162	271073	42.232	ng	# 94
30) 1,2,4-Trichlorobenzene	10.66	180	426403	43.781	ng	# 94
31) Naphthalene	10.85	128	688000	41.050	ng	# 99
32) Benzoic acid	10.17	122	31002	8.640	ng	# 67
33) 4-Chloroaniline	10.99	127	169799	24.073	ng	# 86
34) Hexachlorobutadiene	11.10	225	496297	53.388	ng	# 99
35) Caprolactam	11.82	113	38064	24.714	ng	# 75
36) 4-Chloro-3-methylphenol	12.12	107	217865	35.307	ng	# 96
37) 2-Methylnaphthalene	12.46	142	555686	42.352	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	702144	52.654	ng	# 100
40) Hexachlorocyclopentadiene	12.77	237	797796	113.334	ng	# 97

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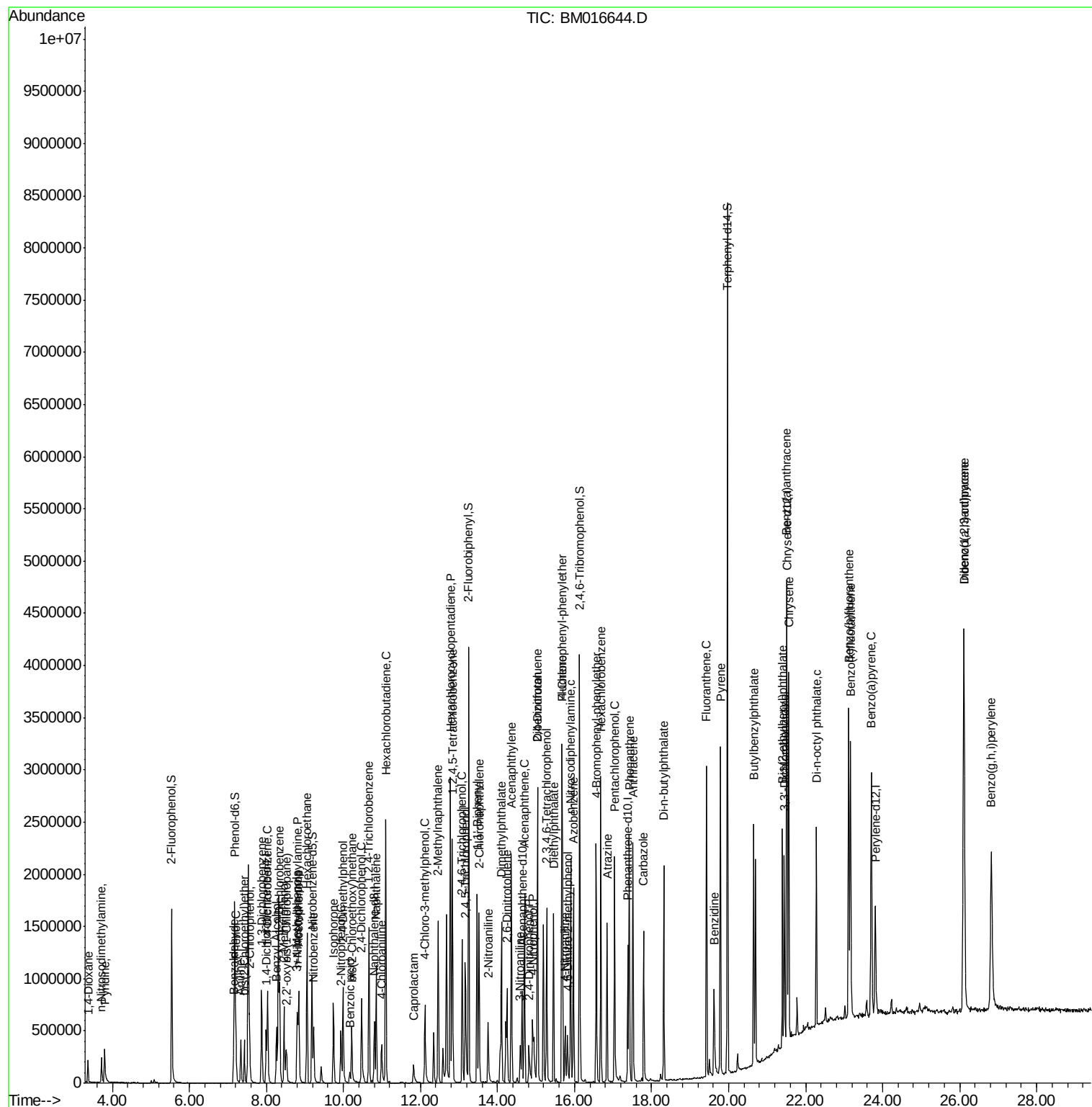
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	372585	46.723	nq	99
43) 2,4,5-Trichlorophenol	13.17	196	359647	46.171	nq	# 96
45) 1,1'-Biphenyl	13.47	154	755866	36.509	nq	99
46) 2-Chloronaphthalene	13.52	162	625387	37.181	nq	96
47) 2-Nitroaniline	13.76	65	154553	34.497	nq	# 85
48) Acenaphthylene	14.36	152	904033	38.076	nq	98
49) Dimethylphthalate	14.10	163	817160	36.023	nq	# 97
50) 2,6-Dinitrotoluene	14.25	165	155964	35.250	nq	# 71
51) Acenaphthene	14.70	154	529539	36.303	nq	98
52) 3-Nitroaniline	14.59	138	91999	22.852	nq	# 72
53) 2,4-Dinitrophenol	14.82	184	122340	55.252	nq	# 74
54) Dibenzofuran	15.04	168	1029762	36.878	nq	# 90
55) 4-Nitrophenol	14.91	139	144436	56.250	nq	# 78
56) 2,4-Dinitrotoluene	15.05	165	230762	31.277	nq	91
57) Fluorene	15.69	166	803247	38.079	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	332051	44.352	nq	# 100
59) Diethylphthalate	15.46	149	766688	32.415	nq	# 93
60) 4-Chlorophenyl-phenylether	15.67	204	752728	42.551	nq	# 83
61) 4-Nitroaniline	15.76	138	98498	25.034	nq	# 1
62) Azobenzene	15.97	77	993600	39.440	nq	91
64) 4,6-Dinitro-2-methylphenol	15.82	198	142243	27.668	nq	# 60
65) n-Nitrosodiphenylamine	15.90	169	668104	35.099	nq	96
66) 4-Bromophenyl-phenylether	16.57	248	457262	43.982	nq	95
67) Hexachlorobenzene	16.69	284	500404	41.273	nq	96
68) Atrazine	16.84	200	374090	43.064	nq	92
69) Pentachlorophenol	17.04	266	382983	59.701	nq	99
70) Phenanthrene	17.42	178	1281642	36.648	nq	99
71) Anthracene	17.52	178	1302615	37.511	nq	98
72) Carbazole	17.79	167	848232	27.180	nq	97
73) Di-n-butylphthalate	18.32	149	1196803	31.456	nq	# 96
74) Fluoranthene	19.42	202	1837344	35.832	nq	93
76) Benzidine	19.62	184	519851	32.777	nq	97
77) Pyrene	19.79	202	1848363	41.239	nq	100
79) Butylbenzylphthalate	20.65	149	502262	32.465	nq	# 70
80) Benzo(a)anthracene	21.51	228	1888711	38.953	nq	98
81) 3,3'-Dichlorobenzidine	21.44	252	567600	26.299	nq	# 93
82) Chrysene	21.56	228	1712078	37.008	nq	99
83) Bis(2-ethylhexyl)phthalate	21.40	149	701843	30.516	nq	# 93
84) Di-n-octyl phthalate	22.28	149	1117488	29.238	nq	# 95
85) Indeno(1,2,3-cd)pyrene	26.11	276	2681546	40.305	nq	# 91
87) Benzo(b)fluoranthene	23.12	252	1963243	41.746	nq	# 89
88) Benzo(k)fluoranthene	23.16	252	1882948	39.351	nq	# 93
89) Benzo(a)pyrene	23.70	252	1866082	40.781	nq	# 95
90) Dibenzo(a,h)anthracene	26.11	278	2259317	44.056	nq	# 87
91) Benzo(g,h,i)perylene	26.82	276	2100443	45.628	nq	# 79

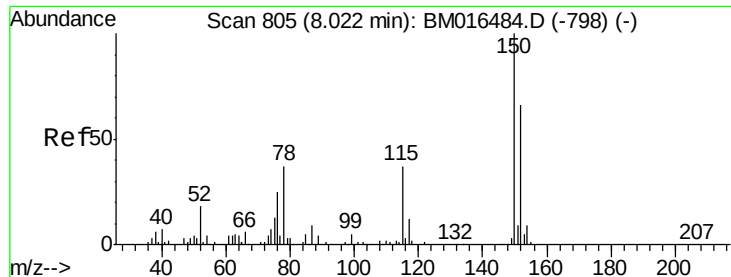
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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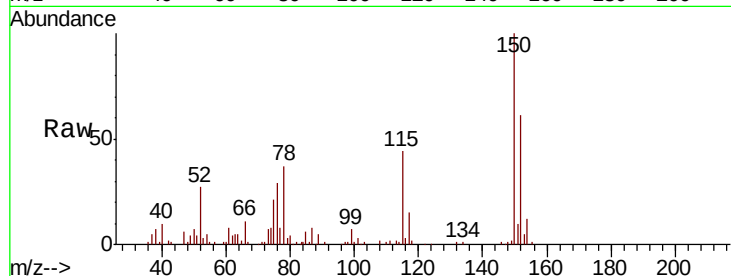


#1

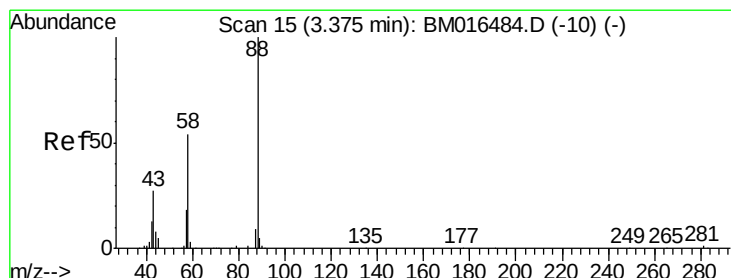
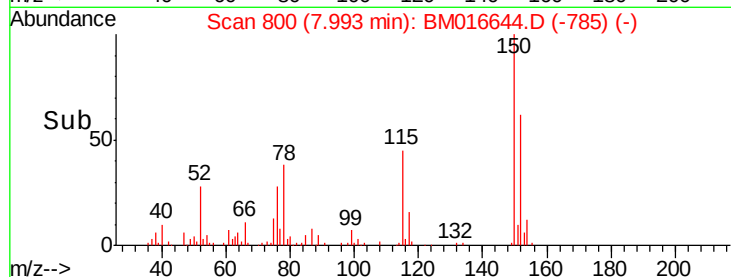
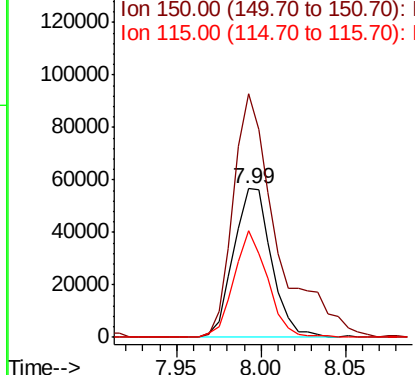
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 88846
Ion Ratio Lower Upper
152 100
150 164.0 119.5 179.3
115 71.7 43.0 64.4#



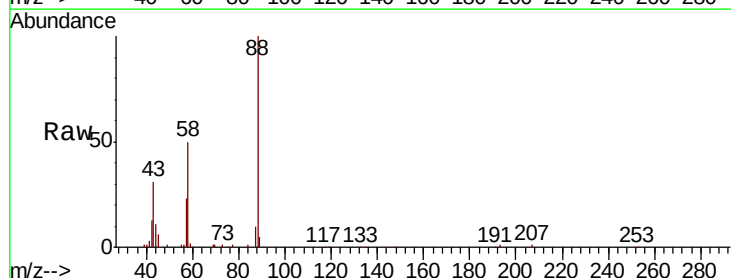
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



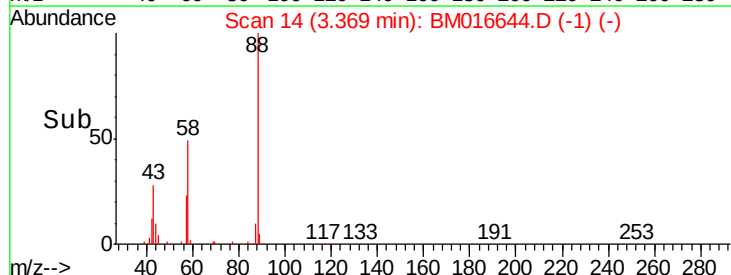
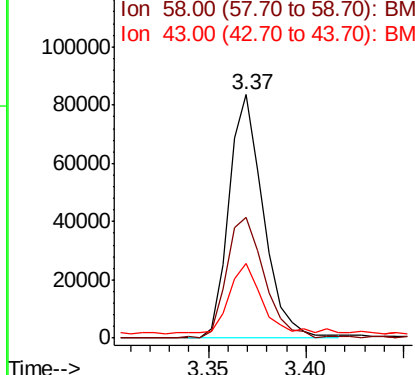
#2

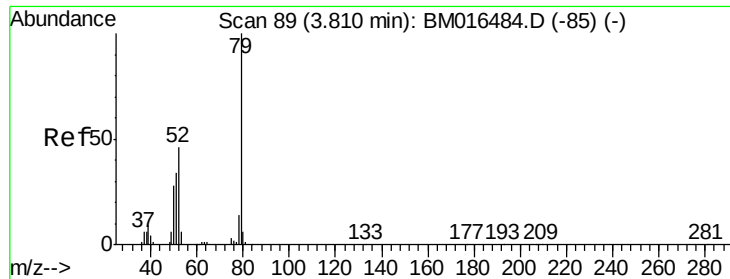
1,4-Dioxane
Concen: 40.685 ng
RT: 3.37 min Scan# 14
Delta R.T. -0.00 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion: 88 Resp: 101907
Ion Ratio Lower Upper
88 100
58 54.4 0.0 0.0#
43 27.0 0.0 0.0#



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: 35.018 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.00 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

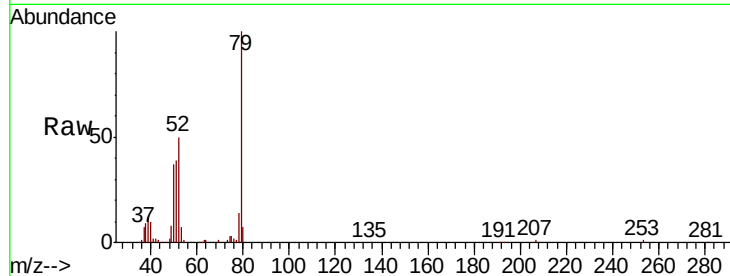
Tot Ion: 79 Resp: 182492

Ion Ratio Lower Upper

79 100

52 49.9 51.1 76.7#

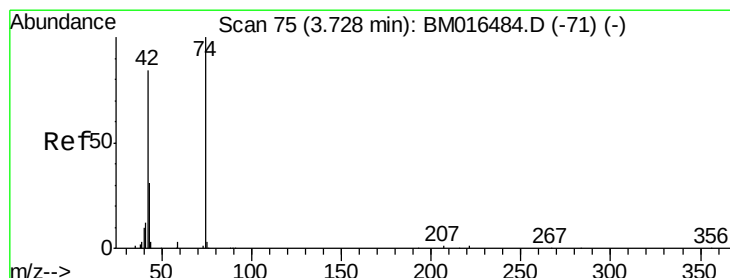
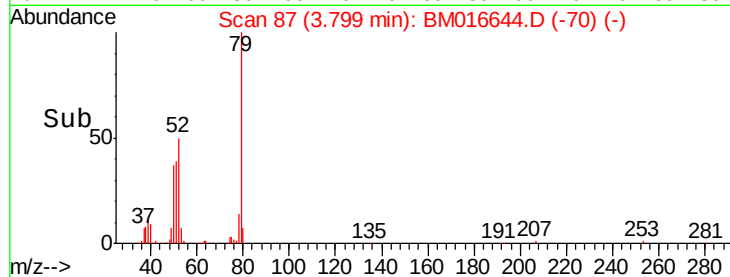
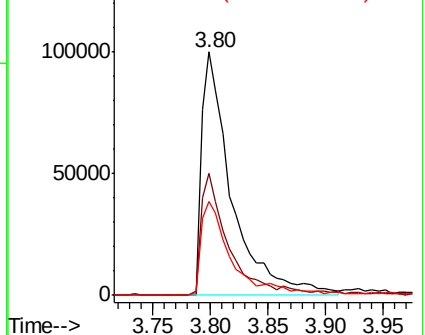
51 38.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM016644.D (-85) (-)

Ion 52.00 (51.70 to 52.70): BM016644.D (-85) (-)

Ion 51.00 (50.70 to 51.70): BM016644.D (-85) (-)



#4

n-Nitrosodimethylamine

Concen: 52.755 ng

RT: 3.72 min Scan# 73

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

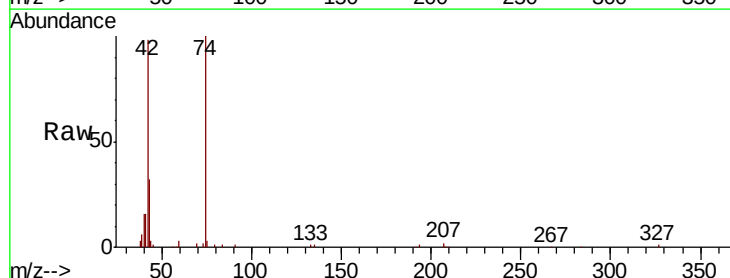
Tgt Ion: 42 Resp: 122480

Ion Ratio Lower Upper

42 100

74 102.2 119.3 178.9#

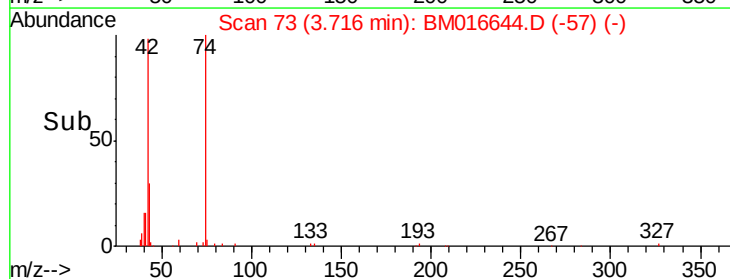
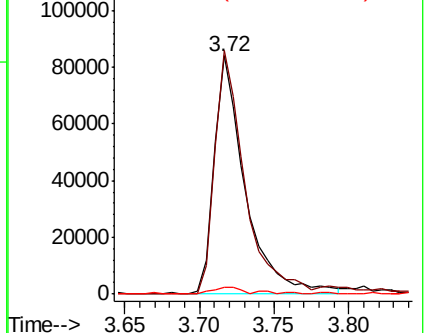
44 2.9 5.4 8.2#

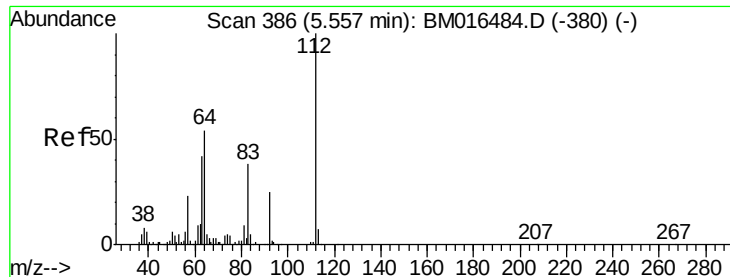


Abundance Ion 42.00 (41.70 to 42.70): BM016644.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM016644.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM016644.D (-71) (-)





#5

2-Fluorophenol

Concen: 117.548 ng

RT: 5.54 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

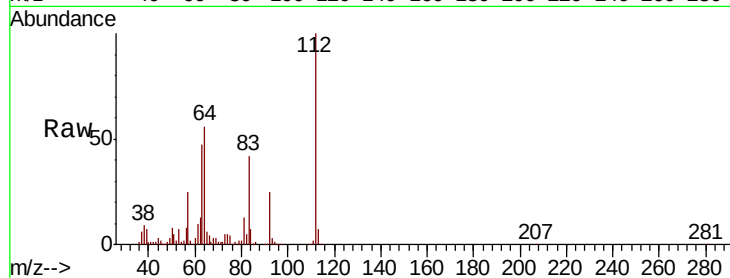
Tot Ion: 112 Resp: 532955

Ion Ratio Lower Upper

112 100

64 55.7 38.6 57.8

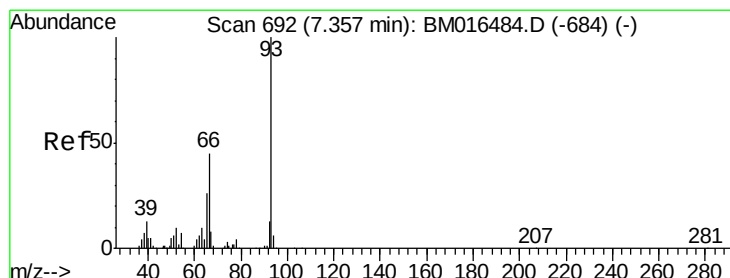
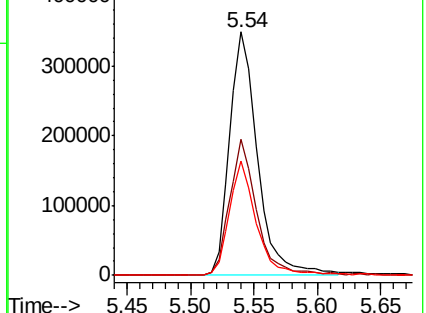
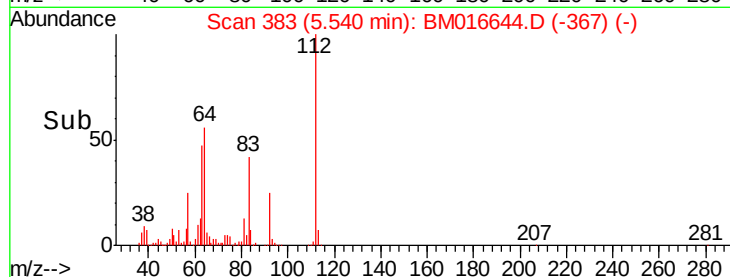
63 47.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 31.642 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

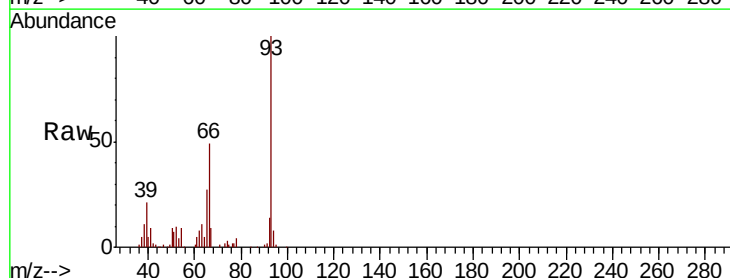
Tgt Ion: 93 Resp: 212437

Ion Ratio Lower Upper

93 100

66 49.3 30.8 46.2#

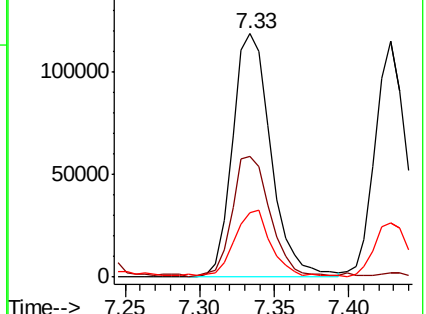
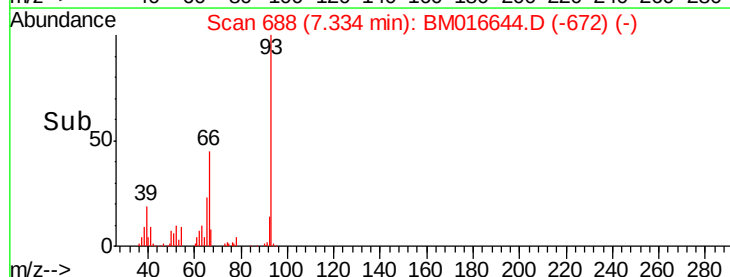
65 26.6 16.0 24.0#

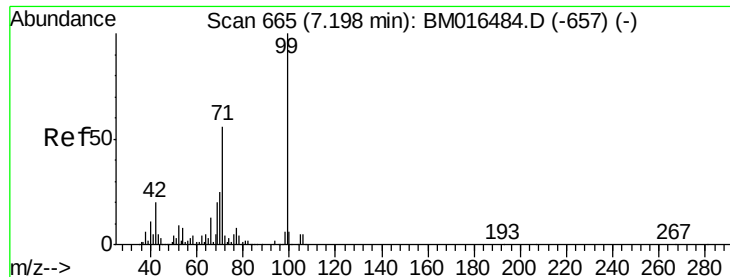


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 104.786 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampled :

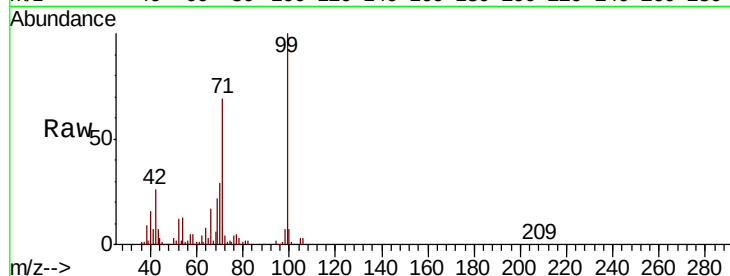
Tot Ion: 99 Resp: 628678

Ion Ratio Lower Upper

99 100

42 26.0 11.0 16.4#

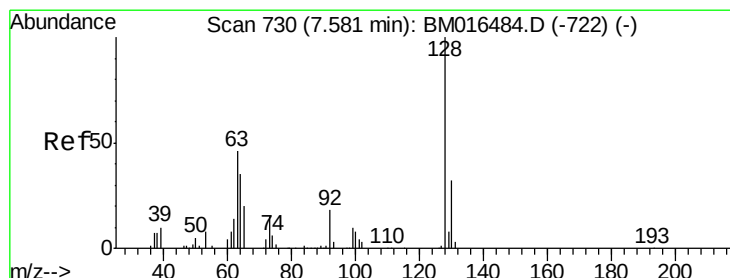
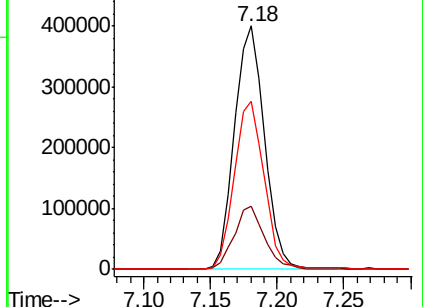
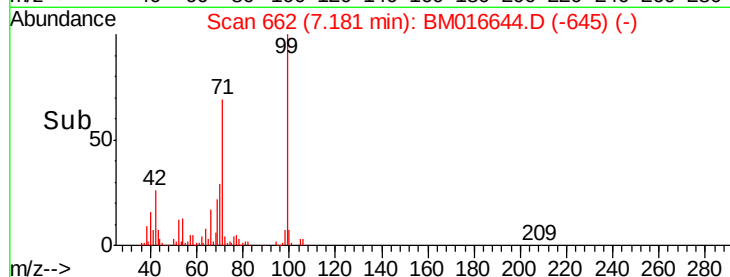
71 69.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016644.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016644.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016644.D (-657) (-)



#8

2-Chlorophenol

Concen: 42.321 ng

RT: 7.56 min Scan# 727

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

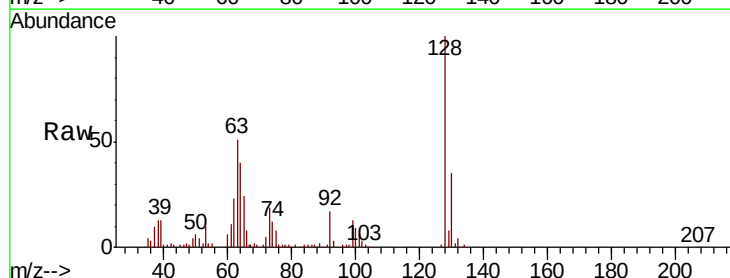
Tgt Ion: 128 Resp: 228319

Ion Ratio Lower Upper

128 100

130 35.1 12.0 52.0

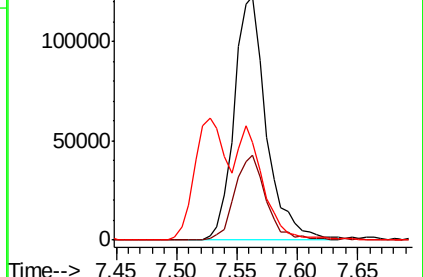
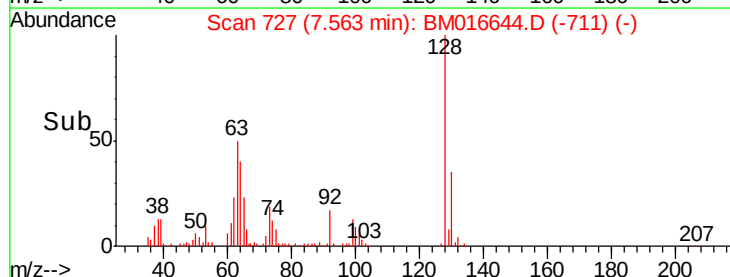
64 40.0 24.9 64.9

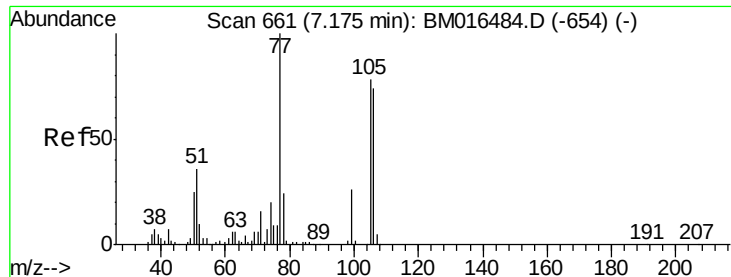


Abundance Ion 128.00 (127.70 to 128.70): BM016644.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM016644.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM016644.D (-722) (-)





#9

Benzaldehyde

Concen: 35.908 ng

RT: 7.15 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampled :

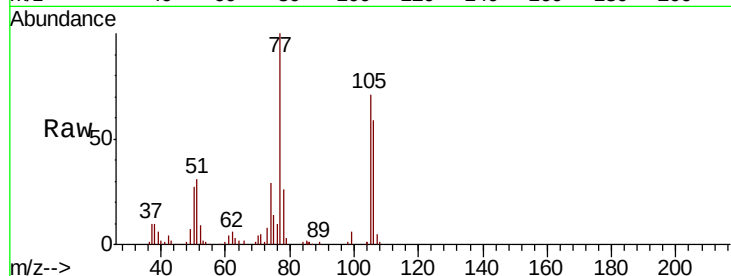
Tot Ion: 77 Resp: 149512

Ion Ratio Lower Upper

77 100

105 71.5 78.8 118.8#

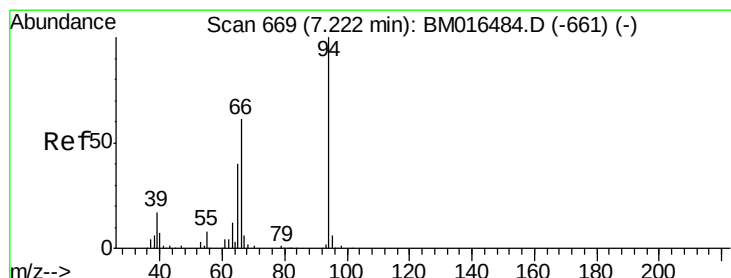
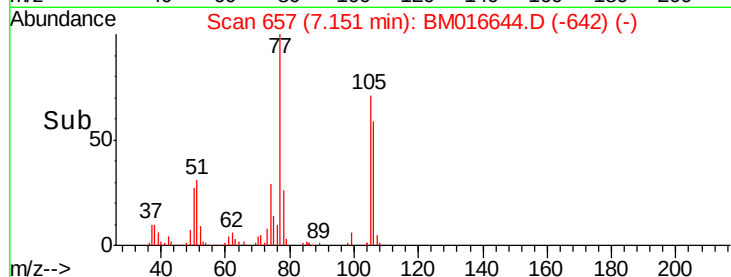
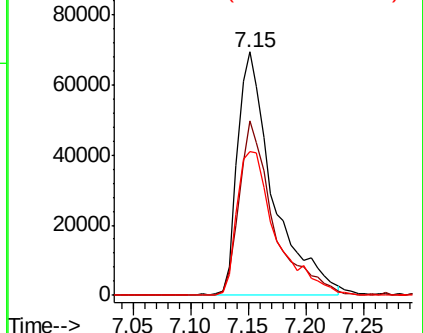
106 59.1 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016644.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM016644.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM016644.D (-654) (-)



#10

Phenol

Concen: 39.450 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

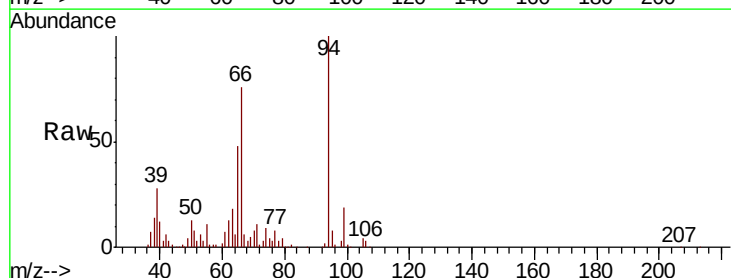
Tgt Ion: 94 Resp: 234067

Ion Ratio Lower Upper

94 100

65 47.6 18.8 58.8

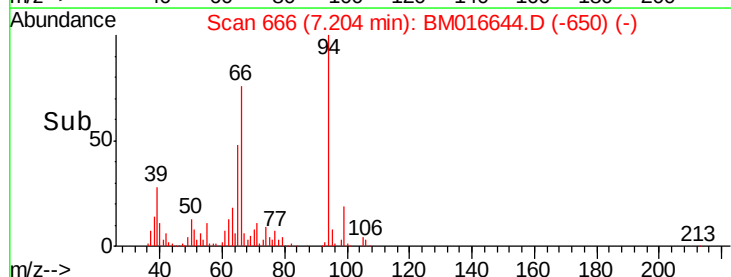
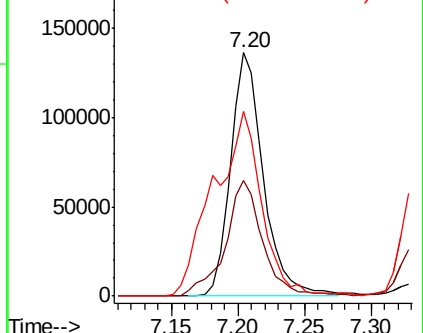
66 76.0 39.9 79.9

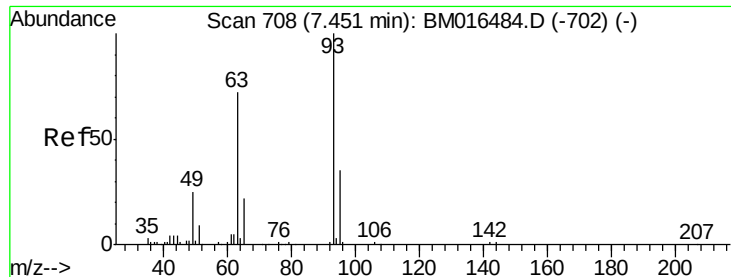


Abundance Ion 94.00 (93.70 to 94.70): BM016644.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016644.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016644.D (-661) (-)





#11

bis(2-Chloroethyl)ether

Concen: 37.969 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

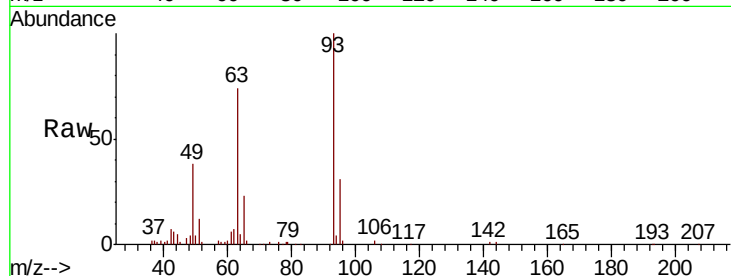
Tot Ion: 93 Resp: 168934

Ion Ratio Lower Upper

93 100

63 74.3 49.5 89.5

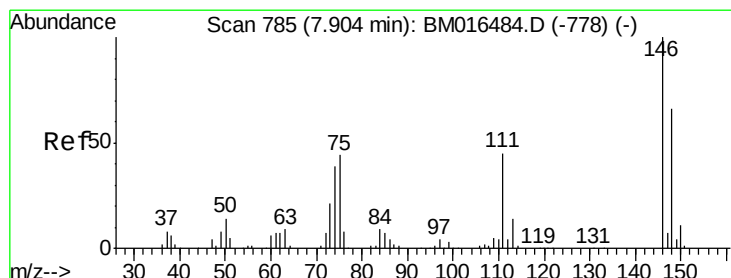
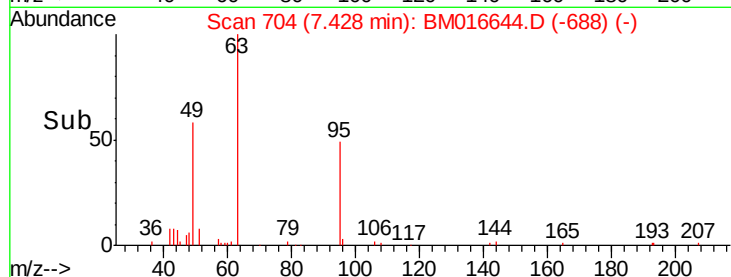
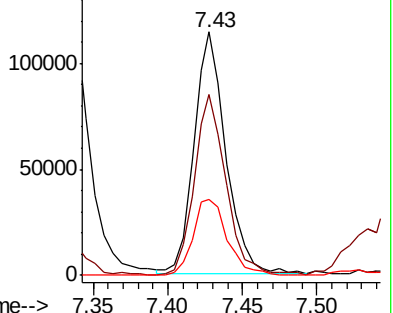
95 31.3 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM016644.D (-702) (-)

Ion 63.00 (62.70 to 63.70): BM016644.D (-702) (-)

Ion 95.00 (94.70 to 95.70): BM016644.D (-702) (-)



#12

1,3-Dichlorobenzene

Concen: 36.528 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

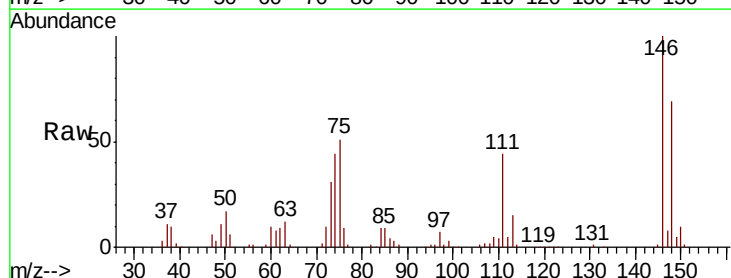
Tgt Ion: 146 Resp: 261274

Ion Ratio Lower Upper

146 100

148 69.1 50.9 76.3

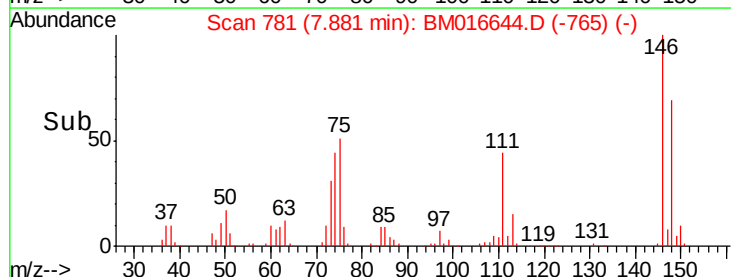
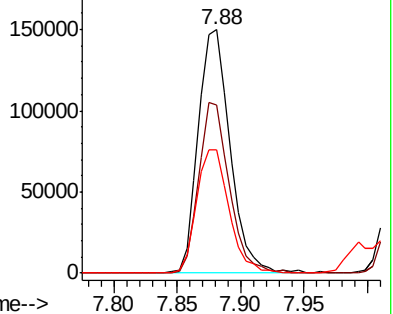
75 50.8 21.4 32.2#

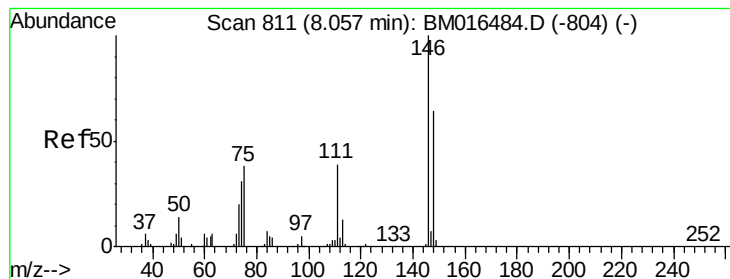


Abundance Ion 146.00 (145.70 to 146.70): BM016644.D (-778) (-)

Ion 148.00 (147.70 to 148.70): BM016644.D (-778) (-)

Ion 75.00 (74.70 to 75.70): BM016644.D (-778) (-)





#13

1,4-Dichlorobenzene

Concen: 37.065 ng

RT: 8.03 min Scan# 806

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

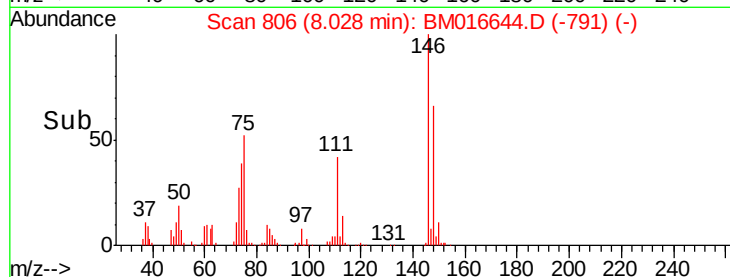
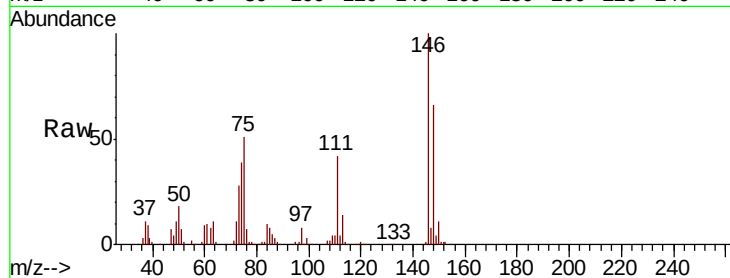
Tot Ion:146 Resp: 272077

Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

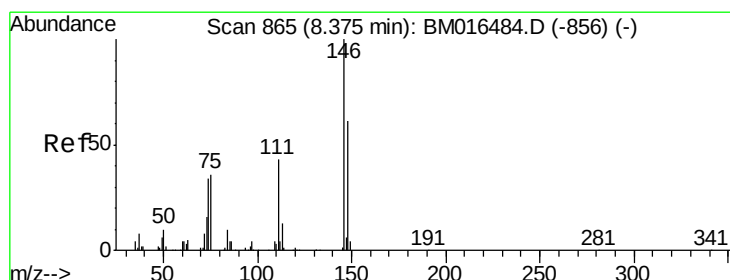
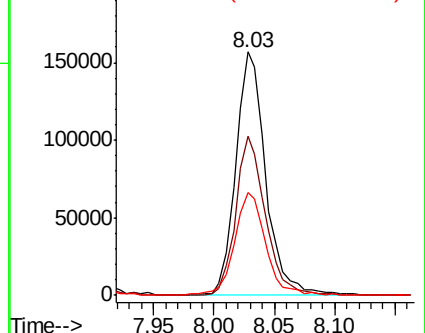
111 42.1 29.2 43.8



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: 36.656 ng

RT: 8.35 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

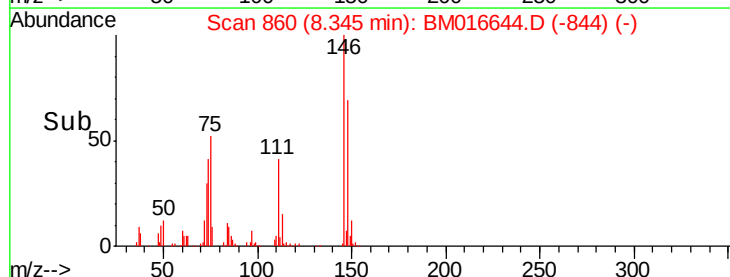
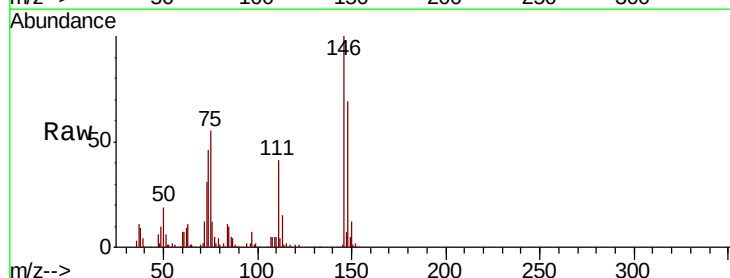
Tgt Ion:146 Resp: 264355

Ion Ratio Lower Upper

146 100

148 69.1 52.3 78.5

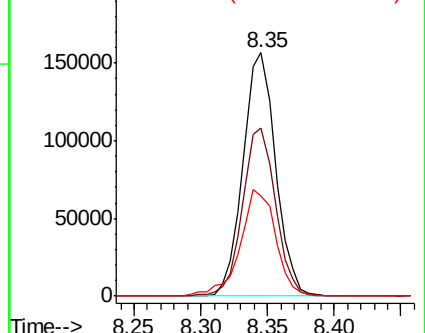
111 41.4 30.6 45.8

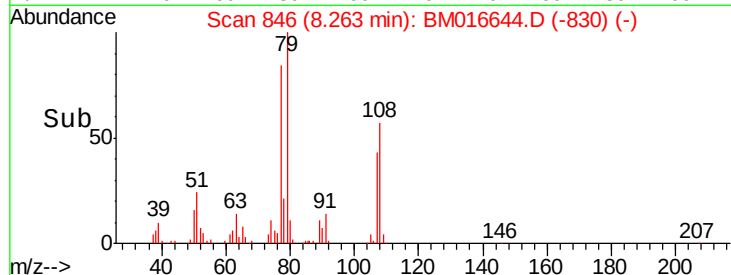
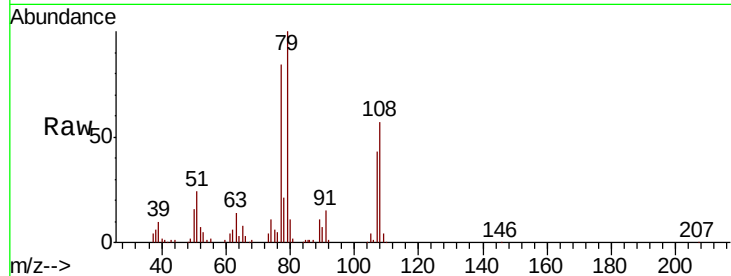
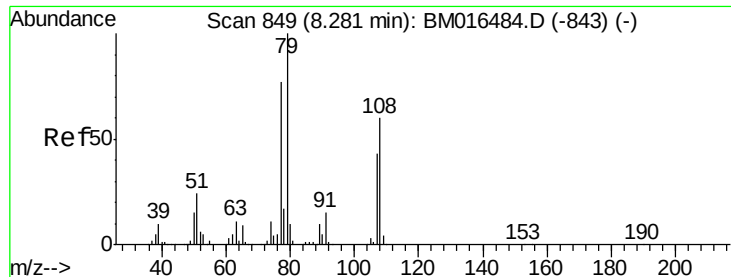


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

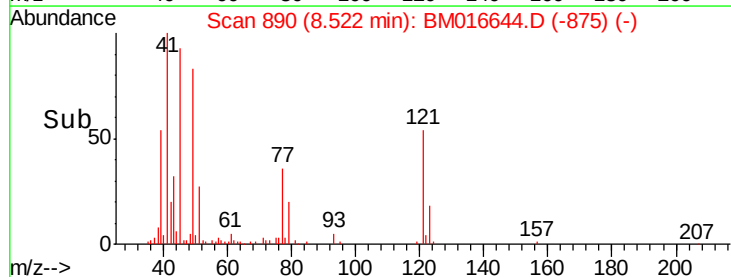
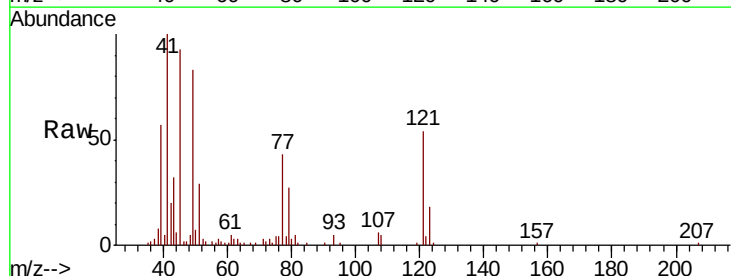
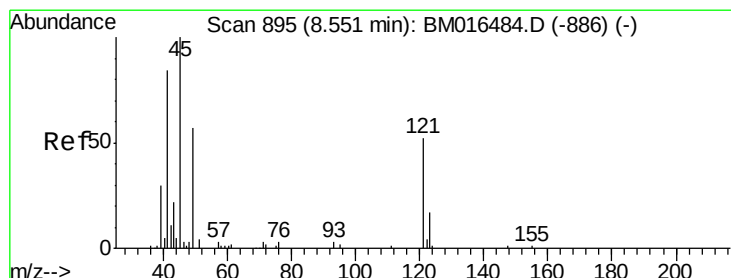
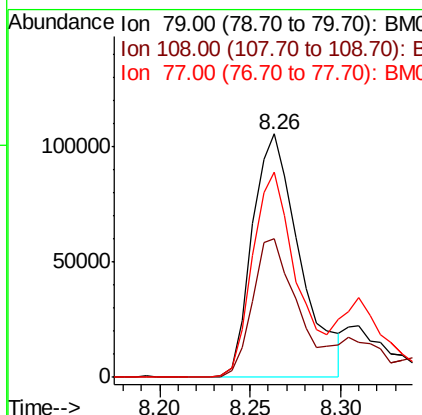




#15
Benzyl Alcohol
Concen: 34.657 ng
RT: 8.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

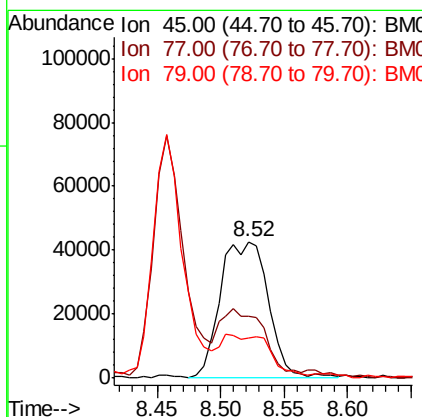
Instrument :
BNA_M
ClientSampled :

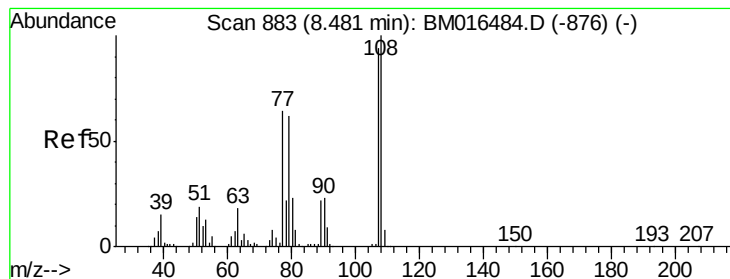
Tot Ion	Ratio	Lower	Upper
79	100		
108	56.7	65.0	97.4#
77	84.5	53.0	79.6#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.785 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	45.6	0.0	35.2#
79	29.5	0.0	32.0

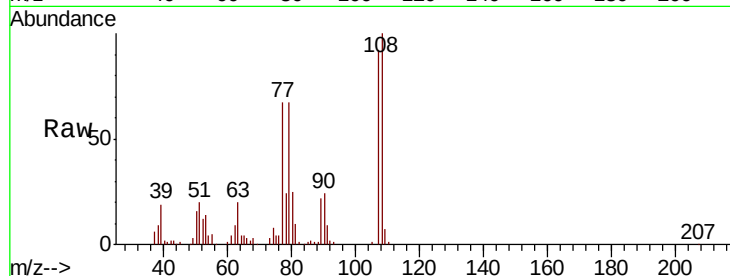




#17
2-Methylphenol
Concen: 39.795 ng
RT: 8.46 min Scan# 879
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.4	89.8	134.8
77	72.6	32.6	48.8#
79	72.9	32.8	49.2#



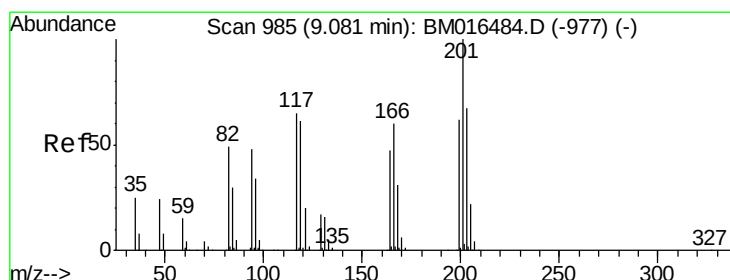
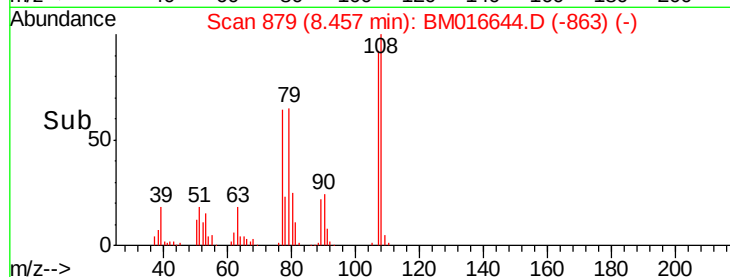
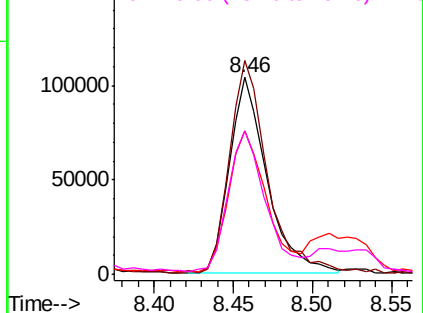
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

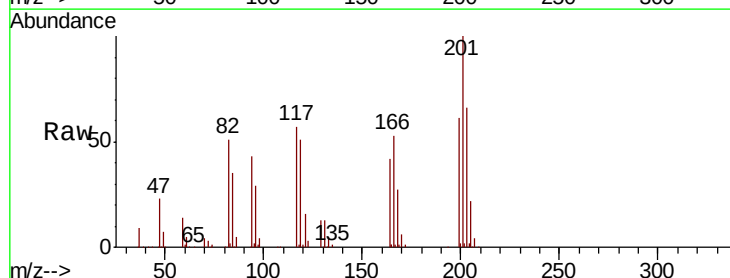
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 46.944 ng
RT: 9.05 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.4	79.2	118.8
201	175.9	69.8	104.6#

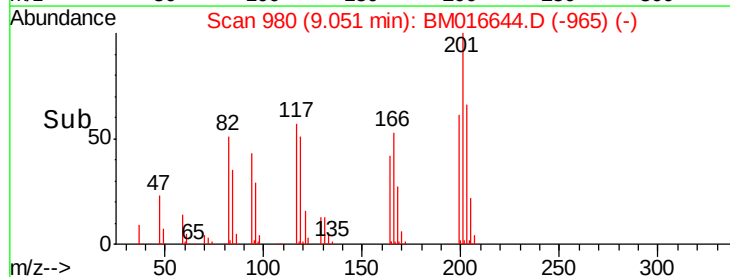
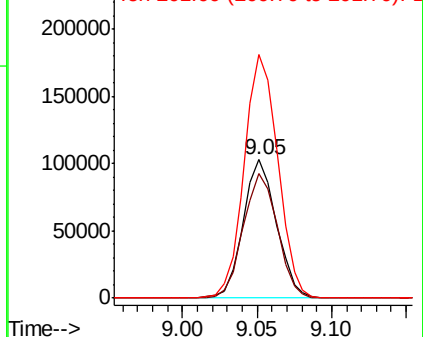


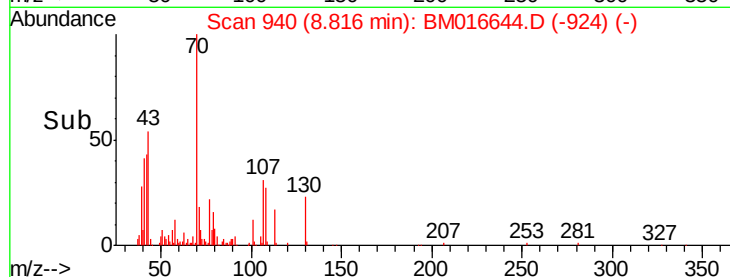
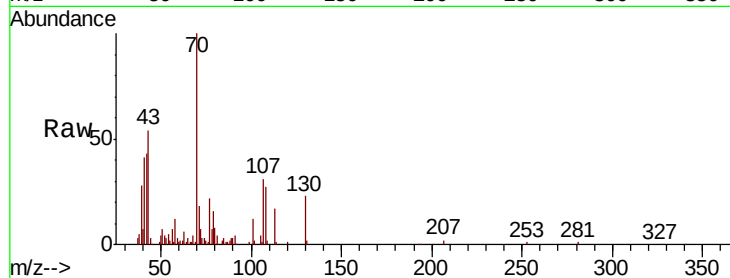
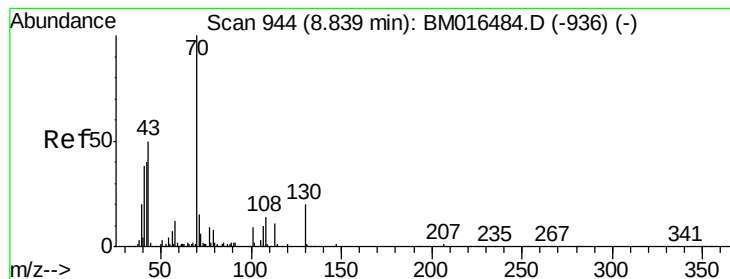
Abundance

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: 37.621 ng

RT: 8.82 min Scan# 940

Delta R.T. -0.01 min

Lab File: BM016644.D

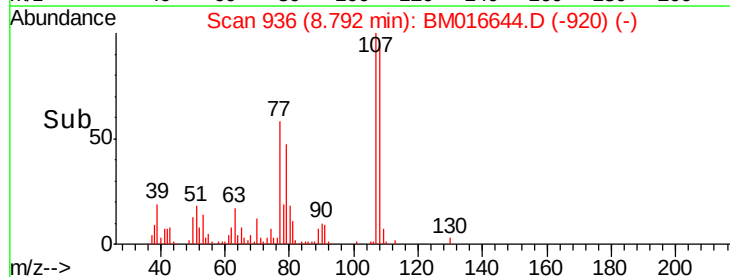
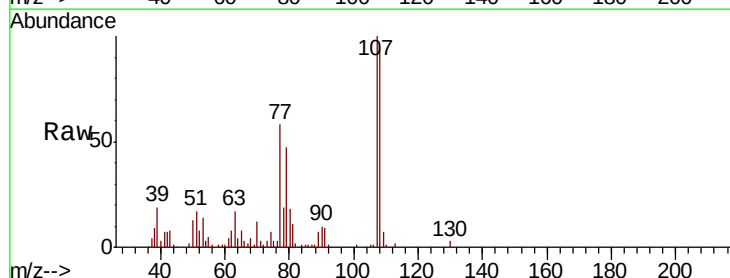
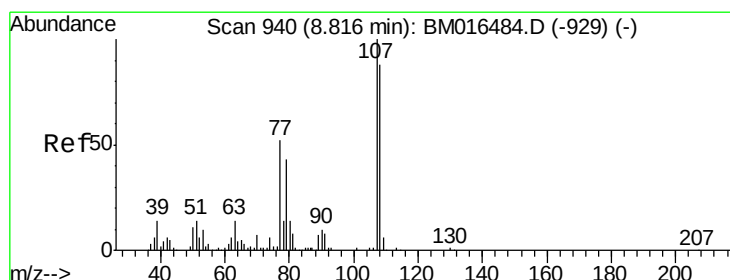
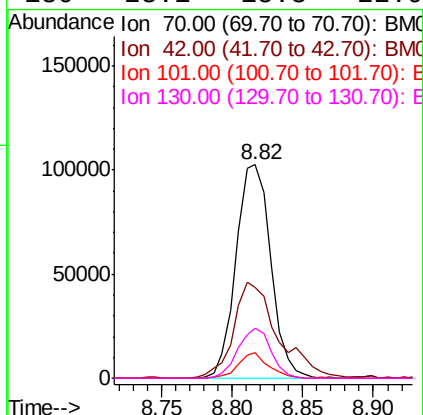
Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	70	Resp:	176963
Ion	Ratio	Lower	Upper
70	100		
42	42.8	44.5	66.7#
101	11.9	7.4	11.2#
130	23.1	15.3	22.9#



#20

3+4-Methylphenols

Concen: 37.324 ng

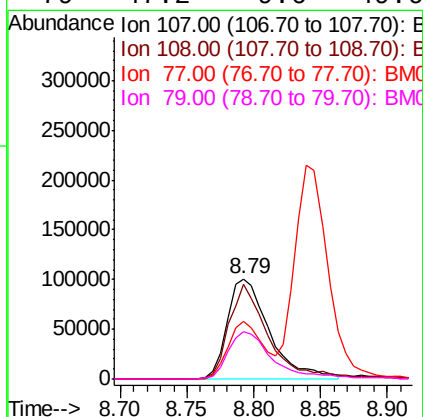
RT: 8.79 min Scan# 936

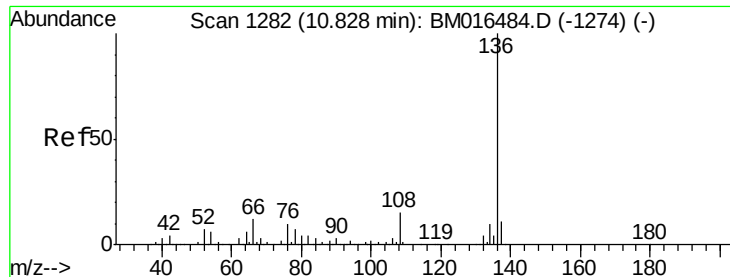
Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:	107	Resp:	221730
Ion	Ratio	Lower	Upper
107	100		
108	94.1	73.2	113.2
77	58.1	10.7	50.7#
79	47.2	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 351776

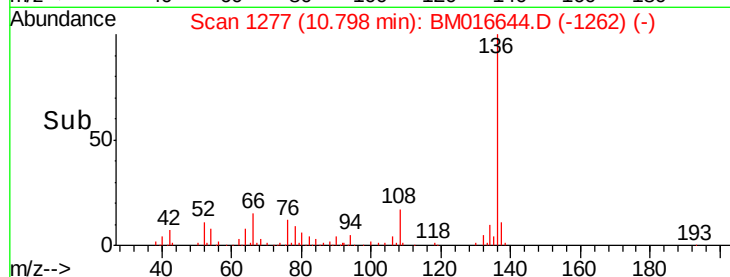
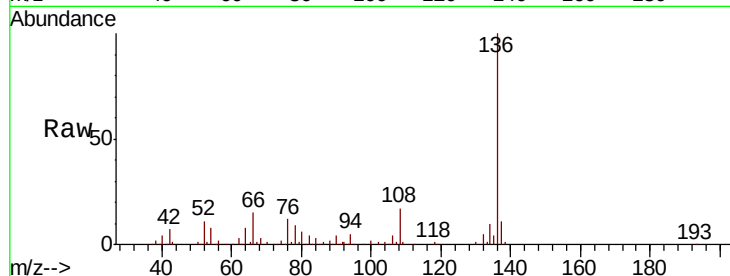
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.3 4.6 6.8#

68 3.2 3.7 5.5#

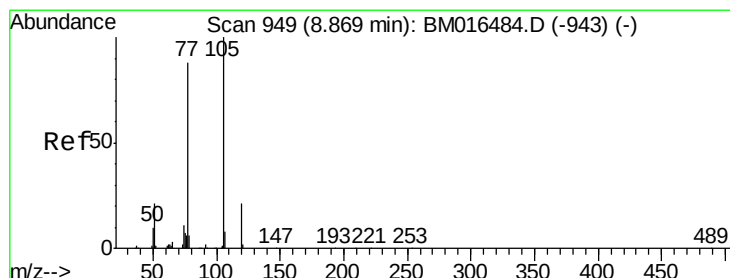
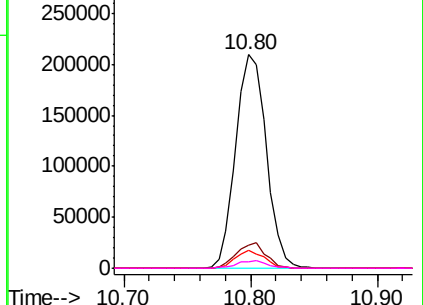


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.627 ng

RT: 8.84 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Tgt Ion:105 Resp: 344146

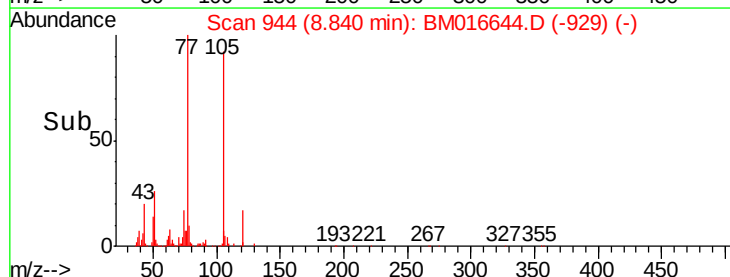
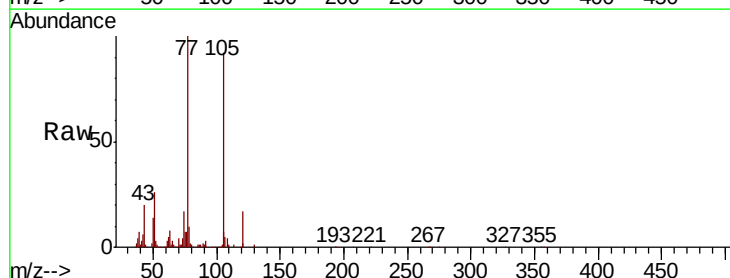
Ion Ratio Lower Upper

105 100

71 0.8 0.6 1.0

51 27.8 21.6 32.4

120 18.7 16.1 24.1

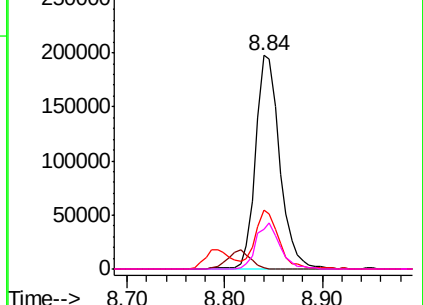


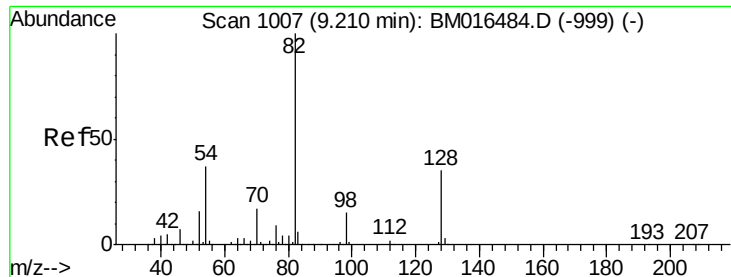
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 72.862 ng

RT: 9.19 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

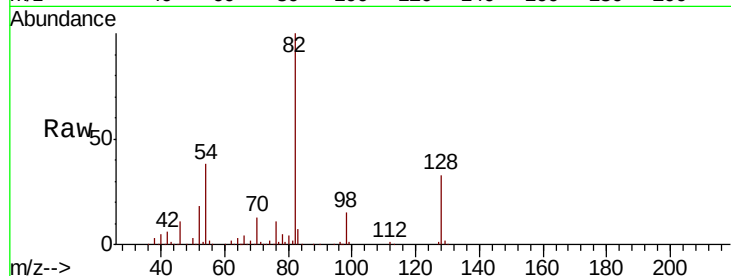
Tot Ion: 82 Resp: 561361

Ion Ratio Lower Upper

82 100

128 32.9 32.8 49.2

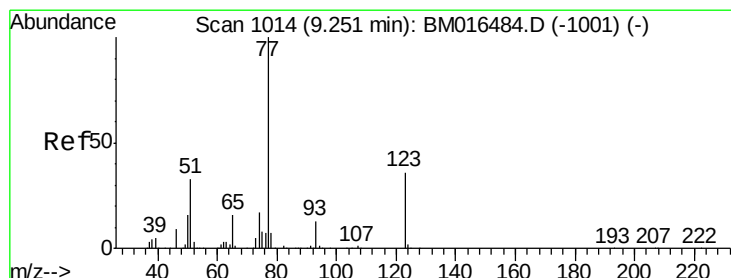
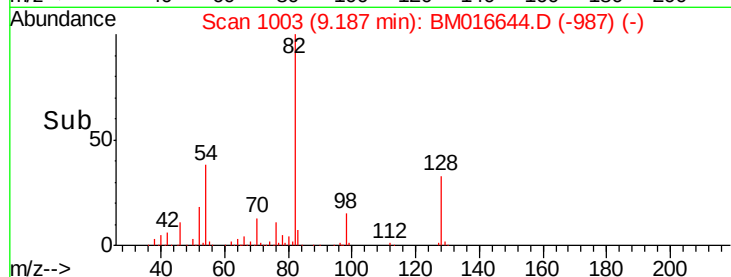
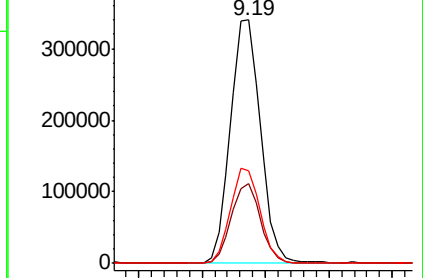
54 38.2 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016644.D (-999) (-)

Ion 128.00 (127.70 to 128.70): BM016644.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016644.D (-999) (-)



#24

Nitrobenzene

Concen: 40.402 ng

RT: 9.23 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

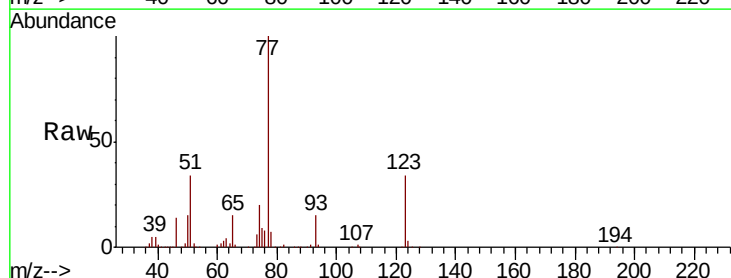
Tgt Ion: 77 Resp: 311007

Ion Ratio Lower Upper

77 100

123 34.1 32.6 49.0

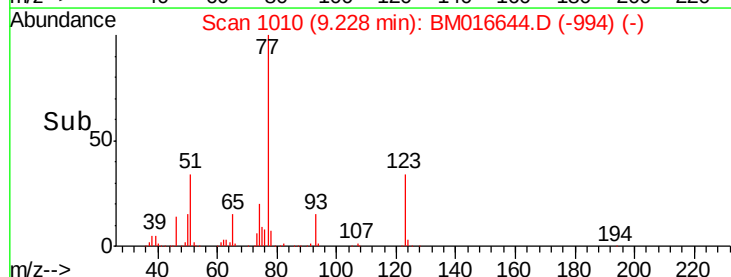
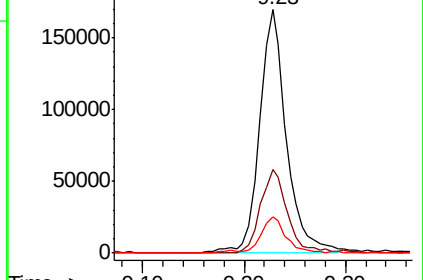
65 14.7 10.9 16.3

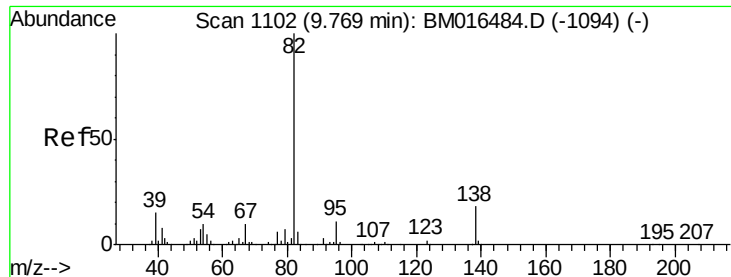


Abundance Ion 77.00 (76.70 to 77.70): BM016644.D (-1001) (-)

Ion 123.00 (122.70 to 123.70): BM016644.D (-1001) (-)

Ion 65.00 (64.70 to 65.70): BM016644.D (-1001) (-)





#25

Isophorone

Concen: 45.269 ng

RT: 9.74 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

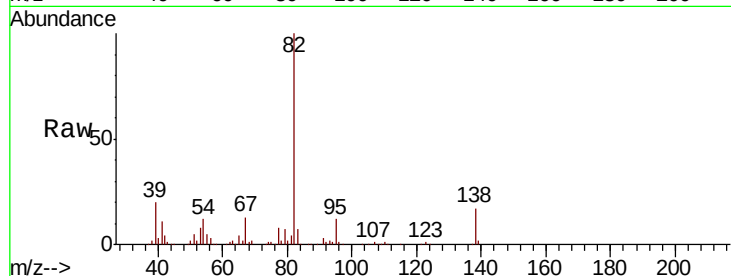
Tot Ion: 82 Resp: 466133

Ion Ratio Lower Upper

82 100

95 11.8 5.8 8.6#

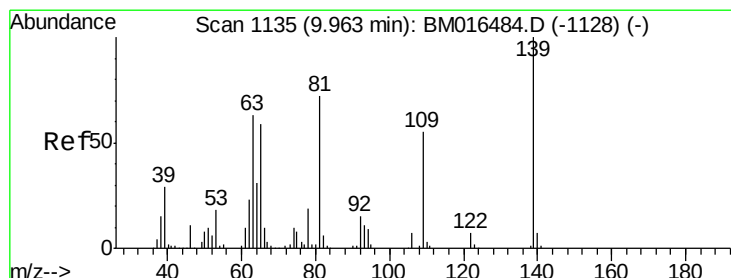
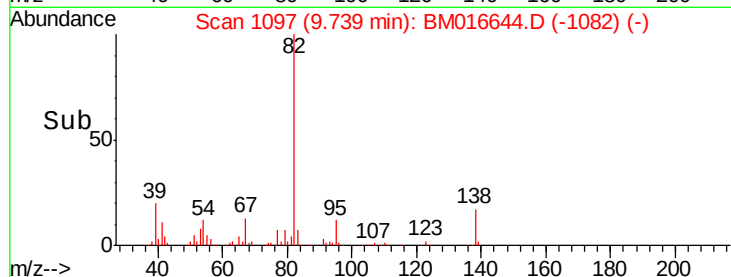
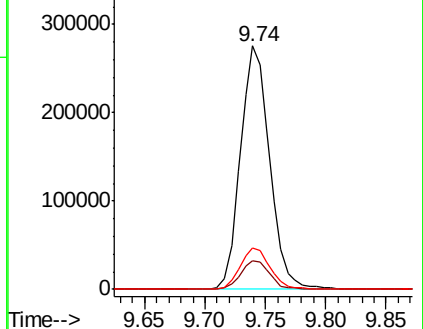
138 17.2 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016644.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016644.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016644.D (-1094) (-)



#26

2-Nitrophenol

Concen: 38.025 ng

RT: 9.93 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

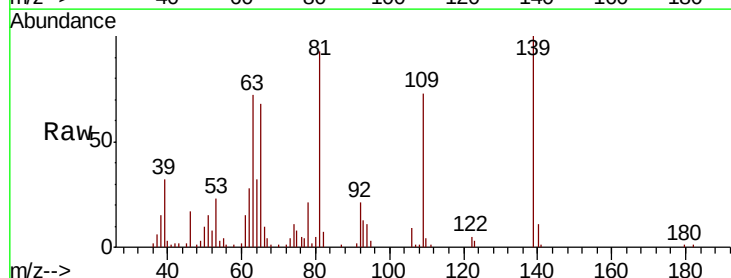
Tgt Ion: 139 Resp: 125138

Ion Ratio Lower Upper

139 100

109 73.2 20.1 30.1#

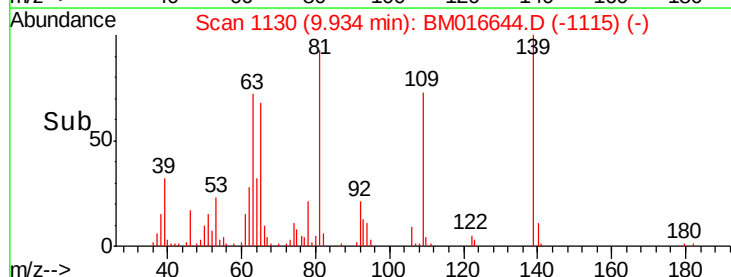
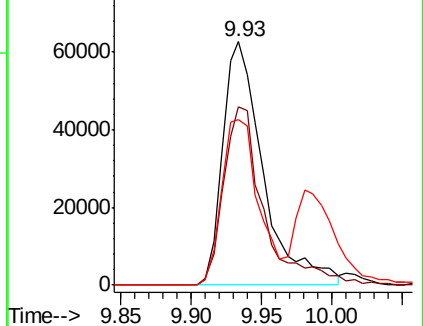
65 67.8 31.5 47.3#

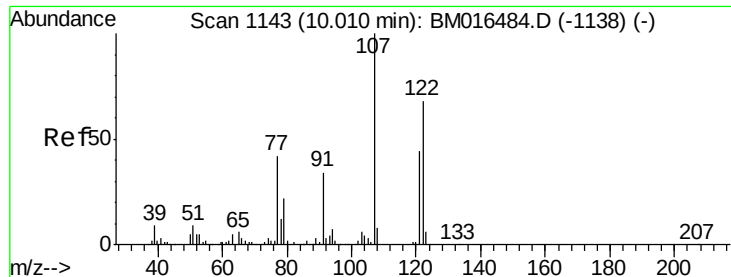


Abundance Ion 139.00 (138.70 to 139.70): BM016644.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BM016644.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BM016644.D (-1128) (-)

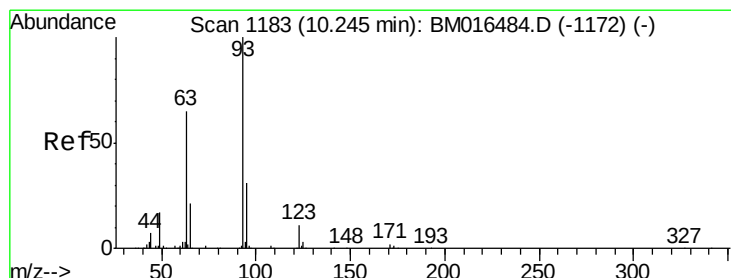
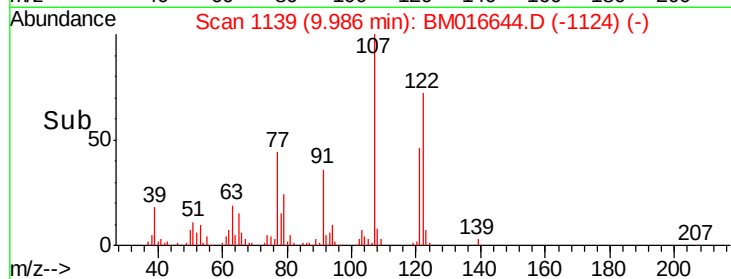
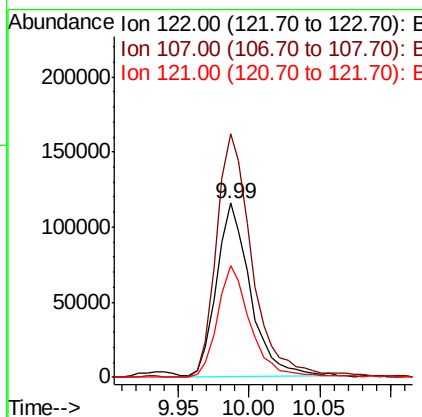
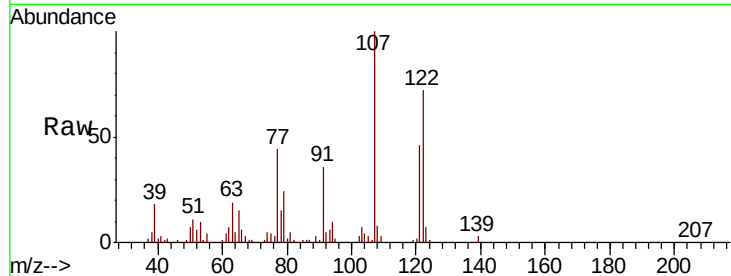




#27
 2,4-Dimethylphenol
 Concen: 44.734 ng
 RT: 9.99 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

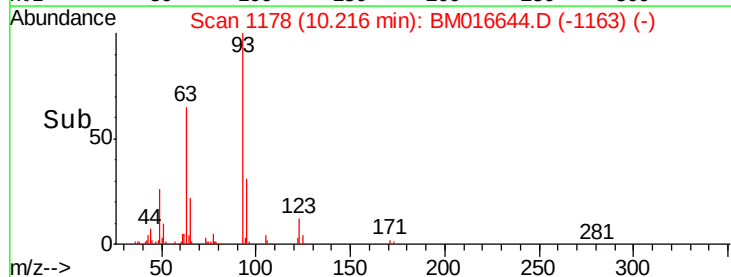
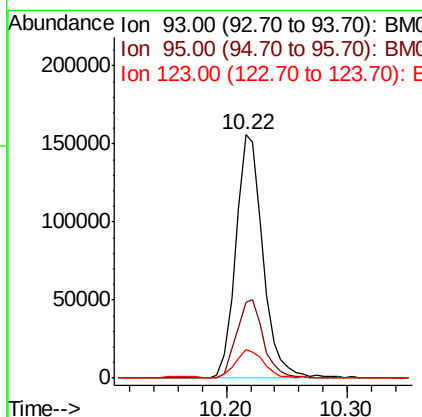
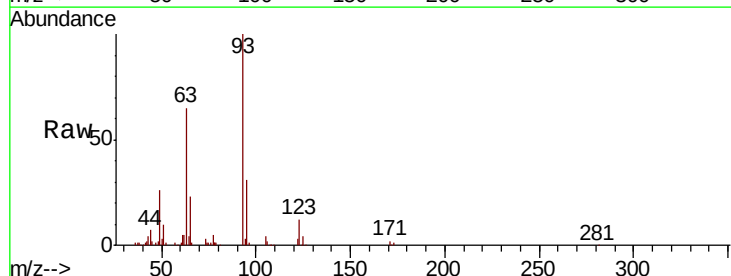
Instrument :
 BNA_M
 ClientSampled :

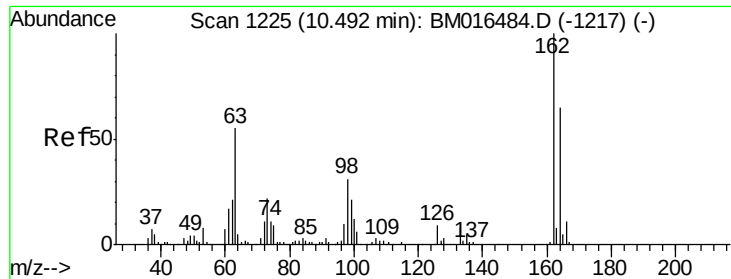
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.7	84.7	127.1#
121	63.9	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.653 ng
 RT: 10.22 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.5	38.3
123	11.8	8.6	13.0

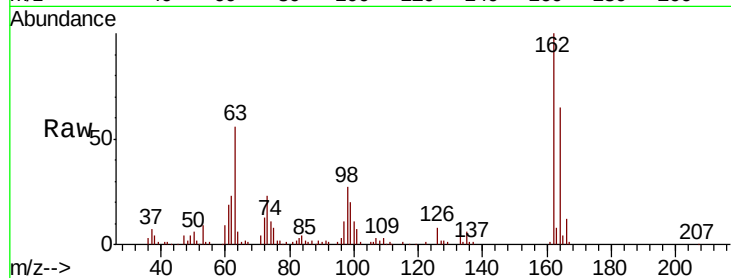




#29
 2,4-Dichlorophenol
 Concen: 42.232 ng
 RT: 10.47 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.8	82.8
98	27.1	14.5	54.5

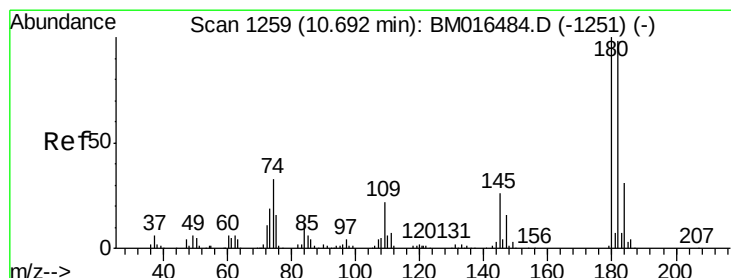
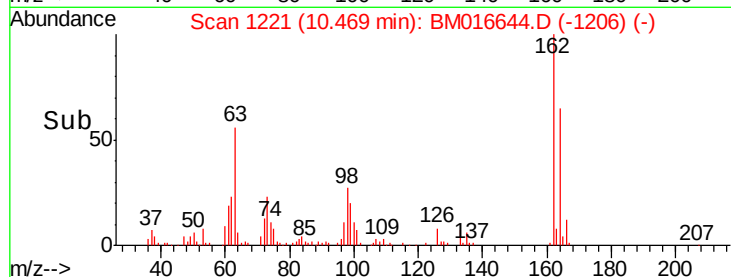
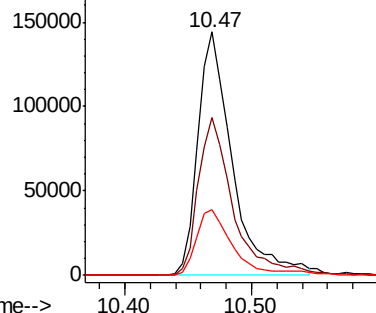


Abundance

Ion 162.00 (161.70 to 162.70): E

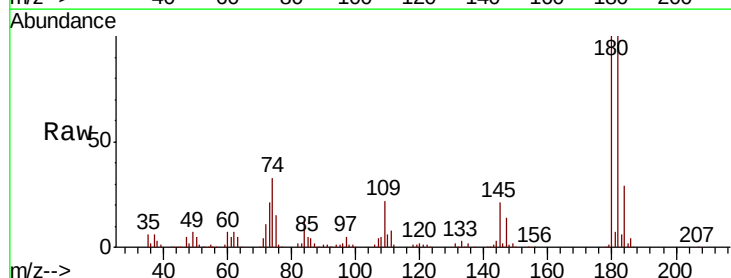
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 43.781 ng
 RT: 10.66 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	77.6	116.4
145	21.0	23.4	35.2

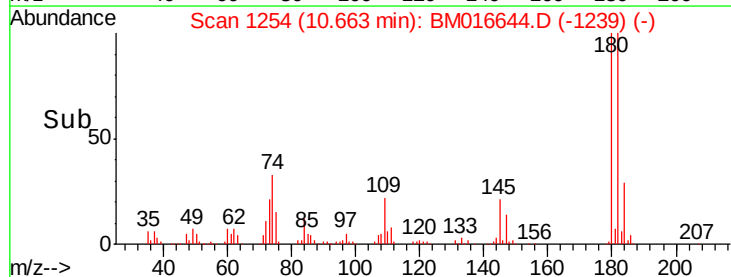
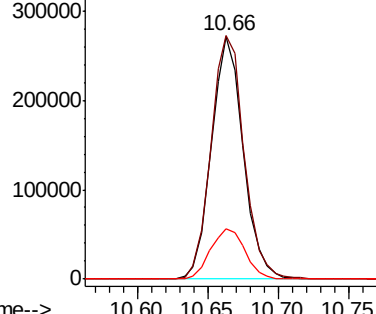


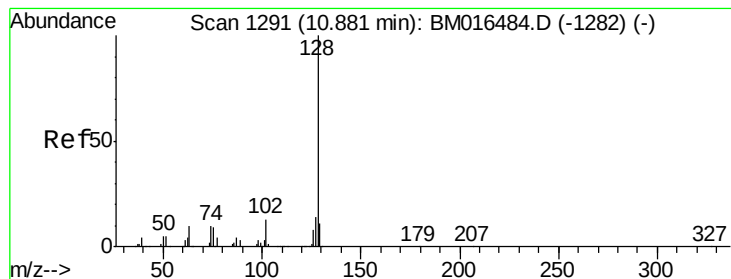
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.050 ng

RT: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

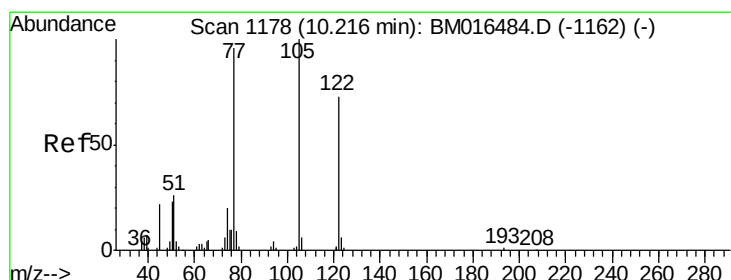
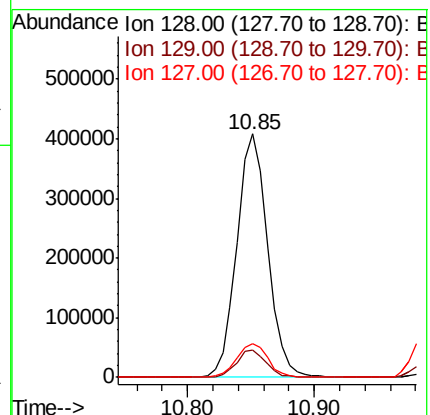
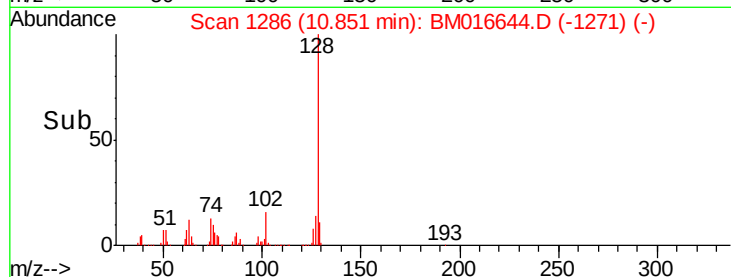
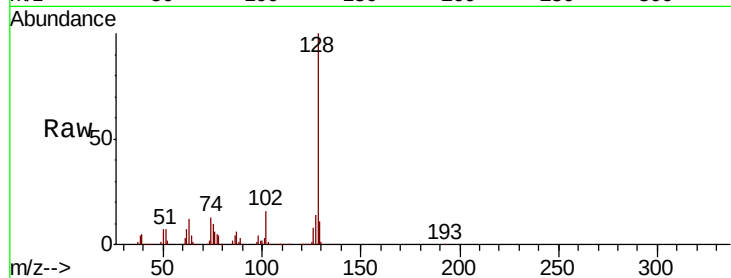
Tot Ion:128 Resp: 688000

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 13.7 10.4 15.6



#32

Benzoic acid

Concen: 8.640 ng

RT: 10.17 min Scan# 1170

Delta R.T. -0.03 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

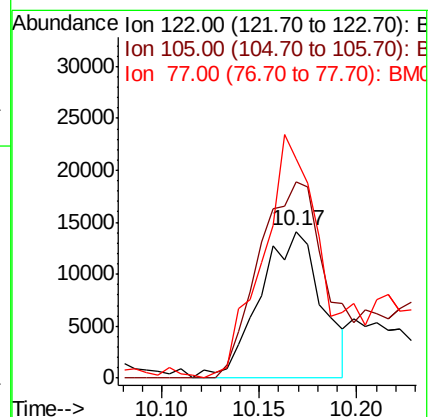
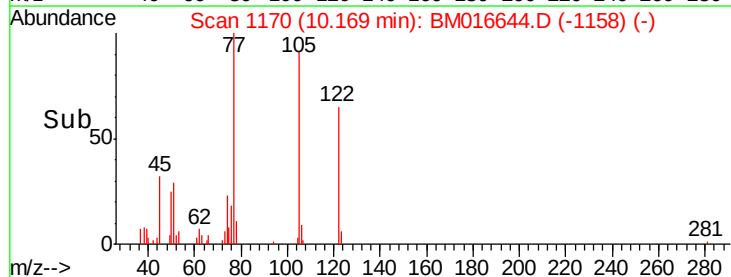
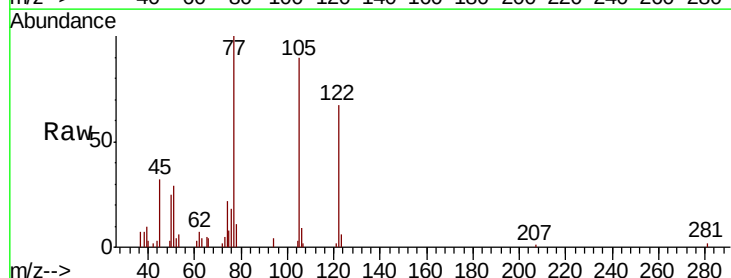
Tgt Ion:122 Resp: 31002

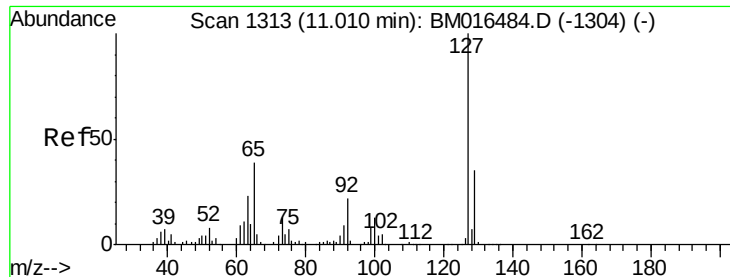
Ion Ratio Lower Upper

122 100

105 133.9 99.9 139.9

77 149.5 73.7 113.7#

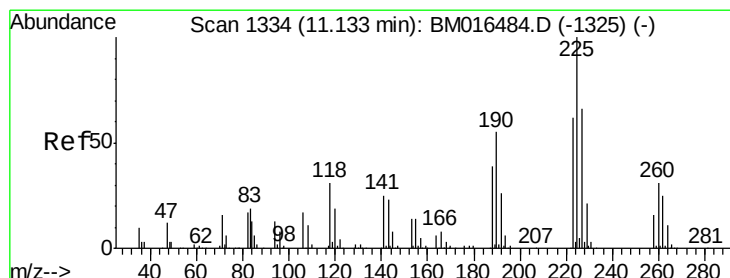
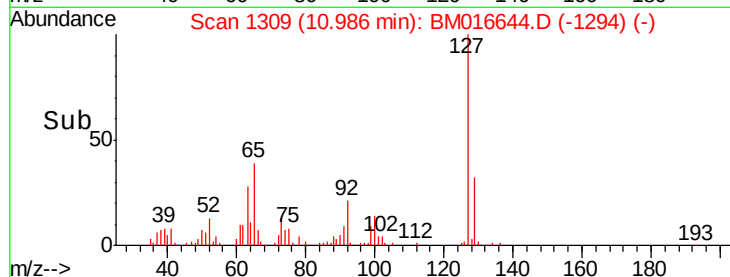
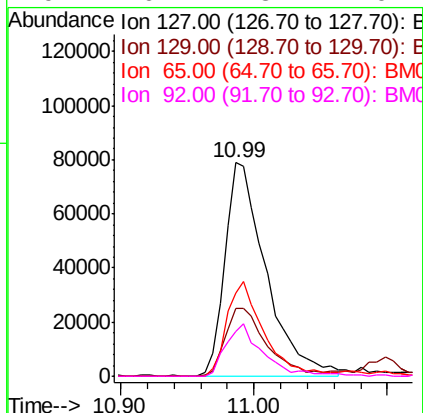
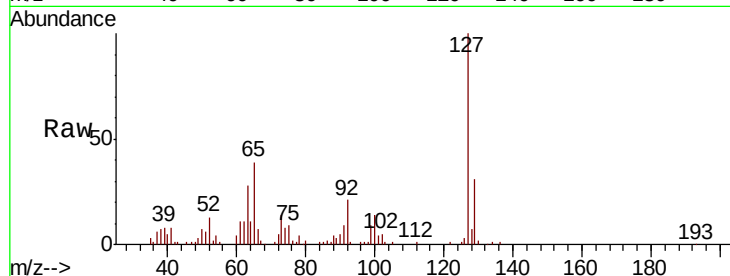




#33
4-Chloroaniline
Concen: 24.073 ng
RT: 10.99 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

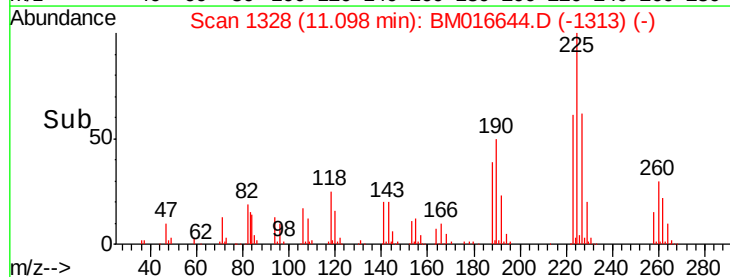
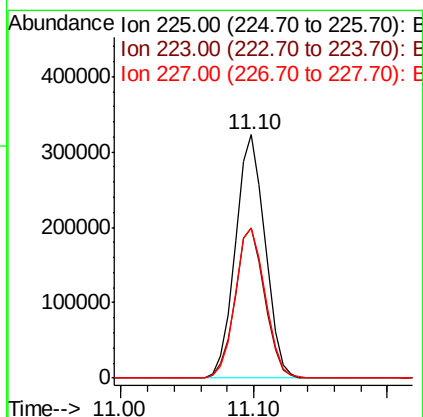
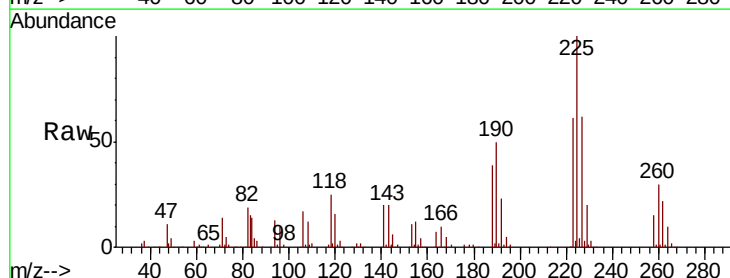
Instrument :
BNA_M
ClientSampleId :

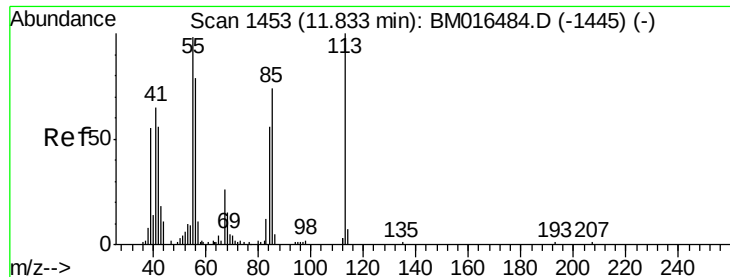
Tot Ion:	127	Resp:	169799
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	39.2	17.6	26.4
92	20.7	13.1	19.7



#34
Hexachlorobutadiene
Concen: 53.388 ng
RT: 11.10 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion:	225	Resp:	496297
Ion	Ratio	Lower	Upper
225	100		
223	61.5	47.9	71.9
227	61.9	50.1	75.1

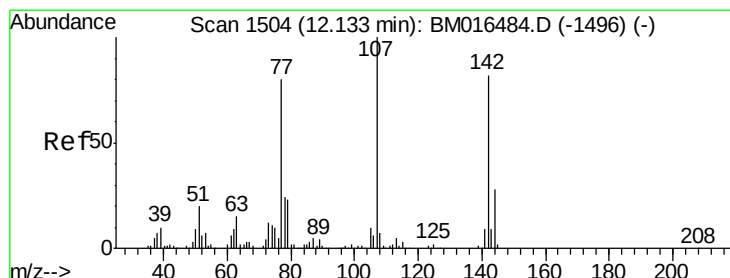
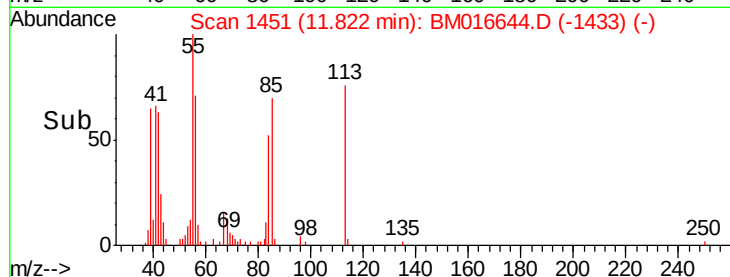
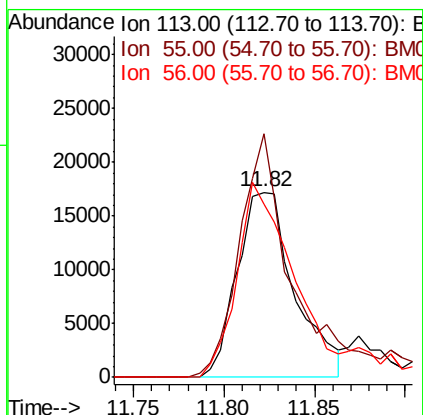
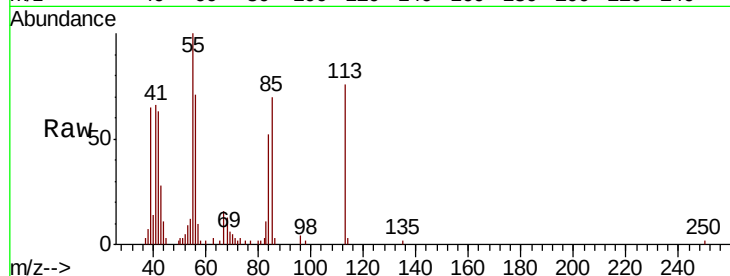




#35
 Caprolactam
 Concen: 24.714 ng
 RT: 11.82 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

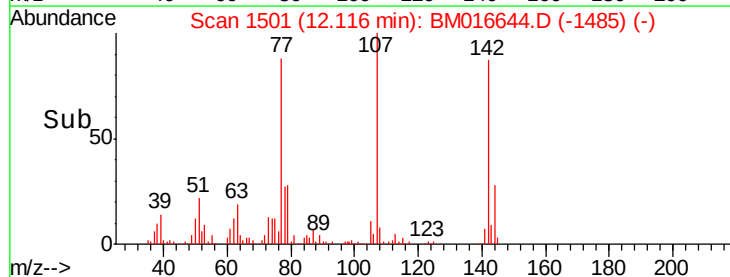
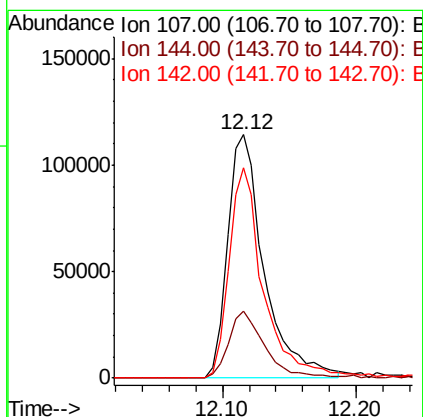
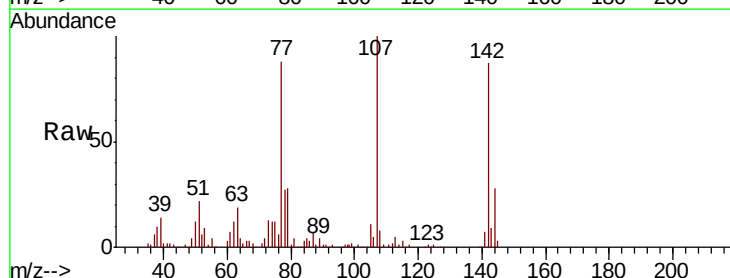
Instrument :
 BNA_M
 ClientSampleId :

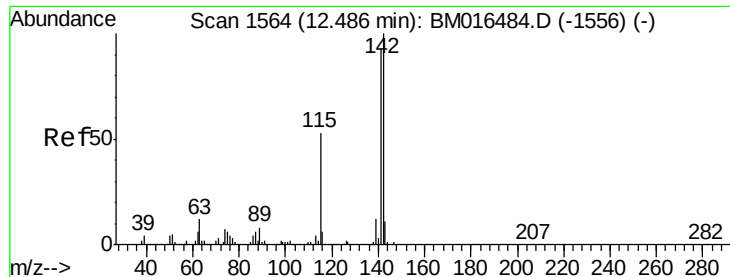
Tot Ion:113 Resp: 38064
 Ion Ratio Lower Upper
 113 100
 55 131.5 145.9 185.9#
 56 93.8 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 35.307 ng
 RT: 12.12 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion:107 Resp: 217865
 Ion Ratio Lower Upper
 107 100
 144 27.7 23.3 34.9
 142 86.6 72.6 109.0

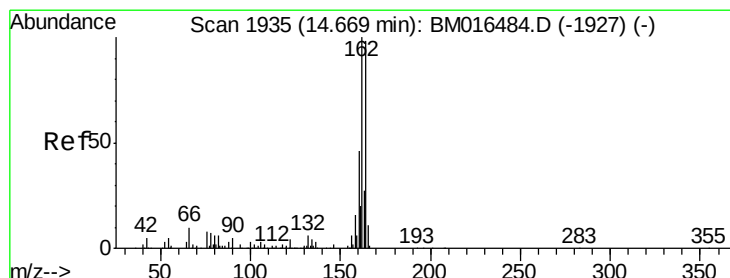
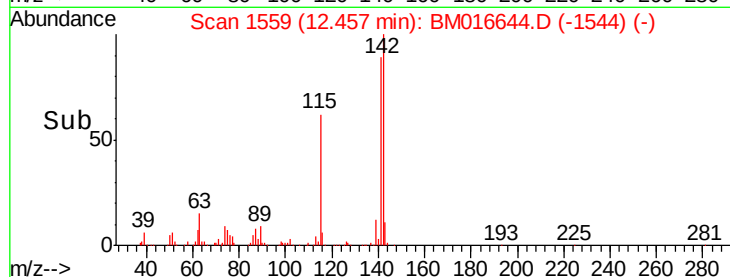
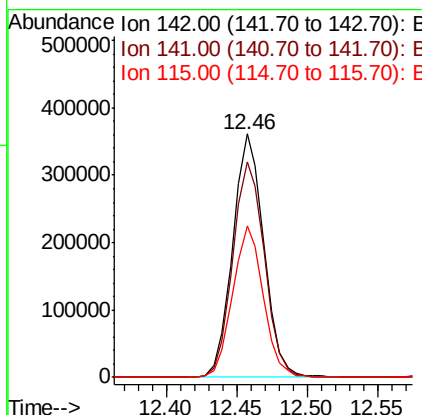
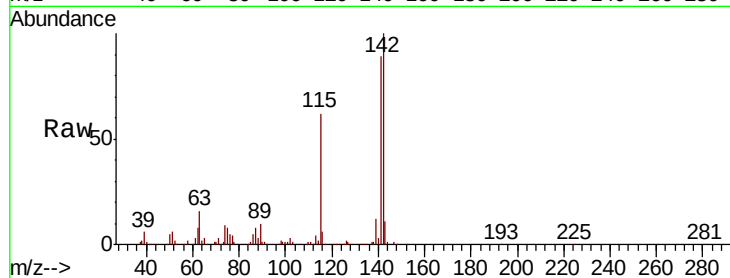




#37
 2-Methylnaphthalene
 Concen: 42.352 ng
 RT: 12.46 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

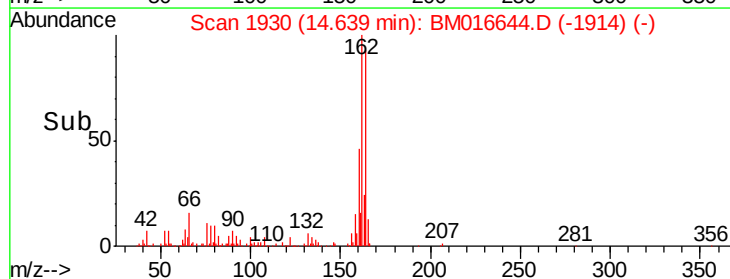
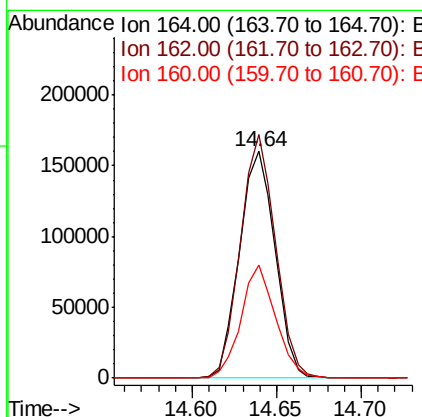
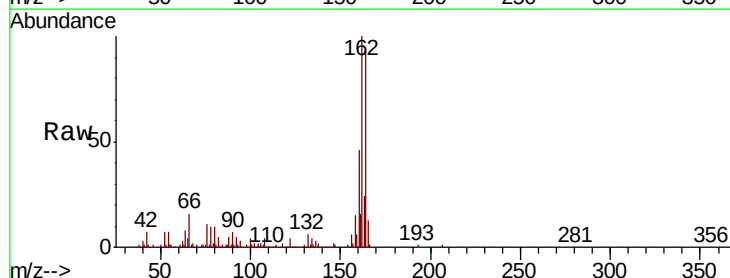
Instrument :
 BNA_M
 ClientSampleID :

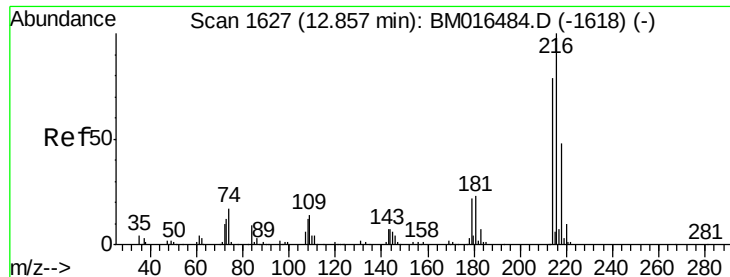
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.9	107.9
115	62.2	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.4	123.6
160	49.8	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.654 ng

RT: 12.83 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 702144

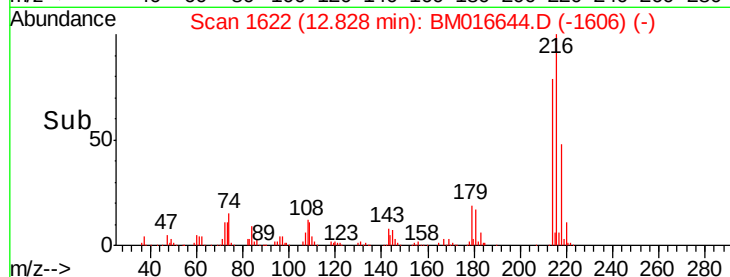
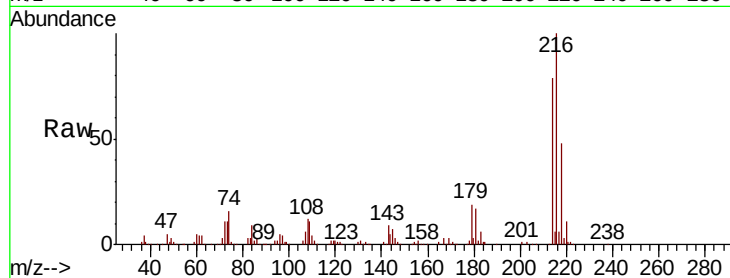
Ion Ratio Lower Upper

216 100

214 78.8 0.0 0.0#

179 19.1 0.0 0.0#

108 11.8 0.0 0.0#

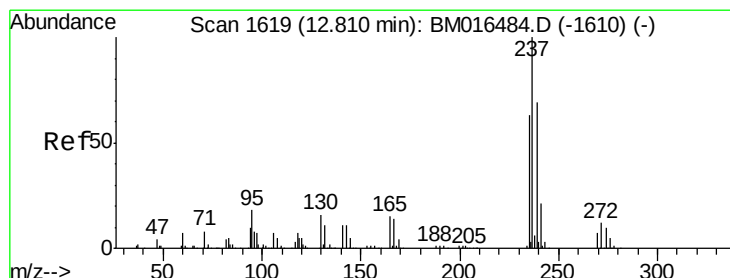
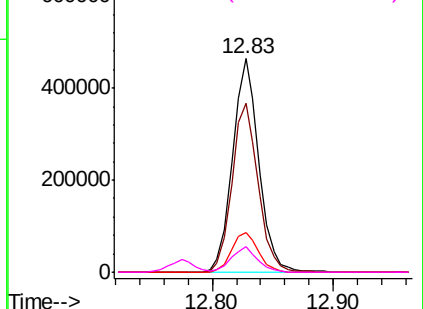


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 113.334 ng

RT: 12.77 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

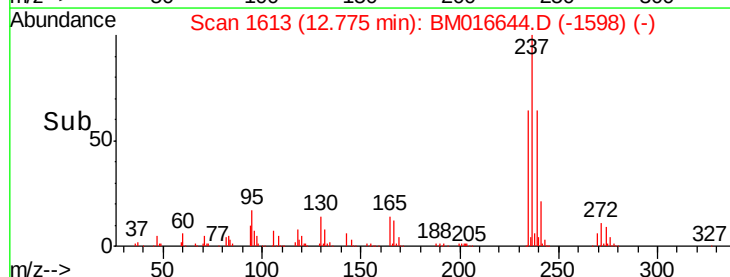
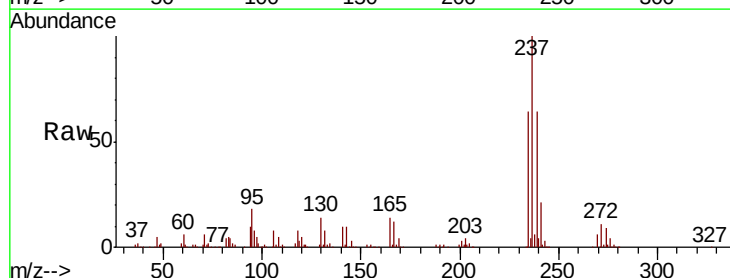
Tgt Ion:237 Resp: 797796

Ion Ratio Lower Upper

237 100

235 63.8 42.0 82.0

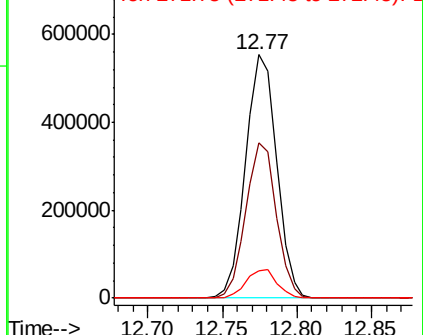
272 11.4 0.0 33.4

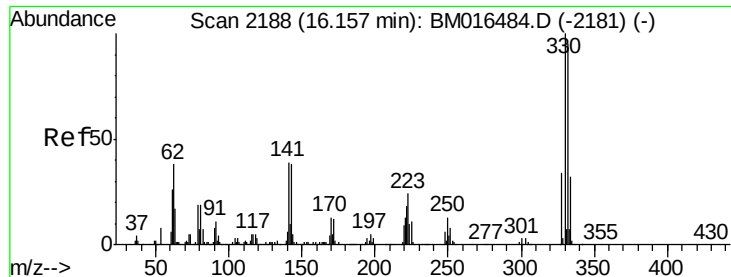


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

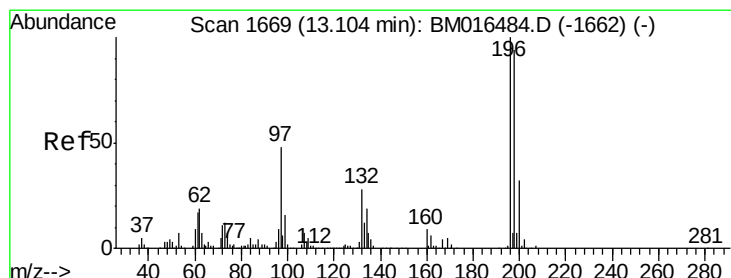
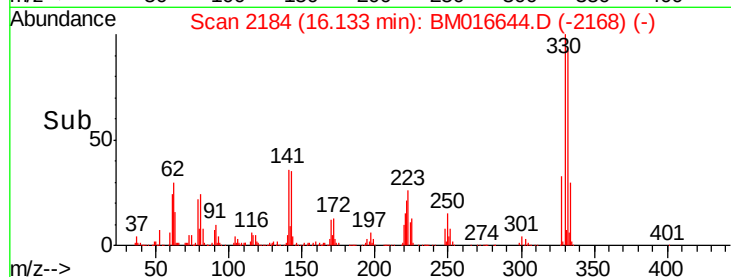
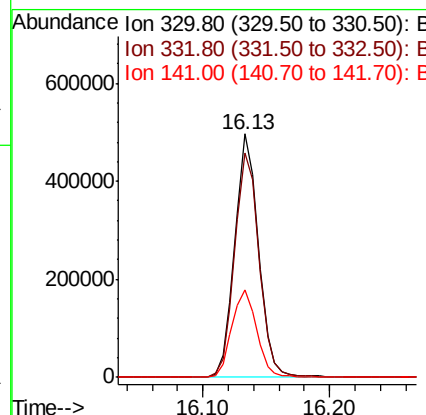
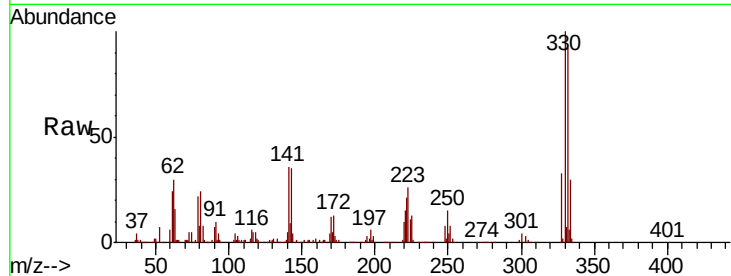




#41
 2,4,6-Tribromophenol
 Concen: 97.167 ng
 RT: 16.13 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

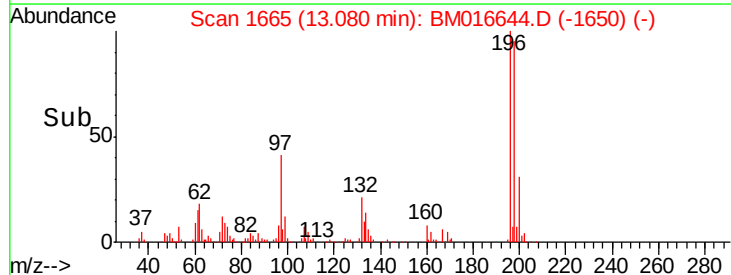
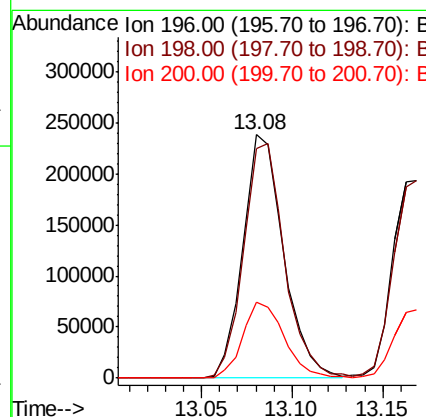
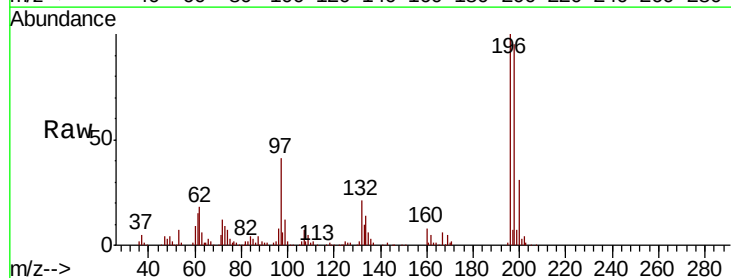
Instrument :
 BNA_M
 ClientSampleId :

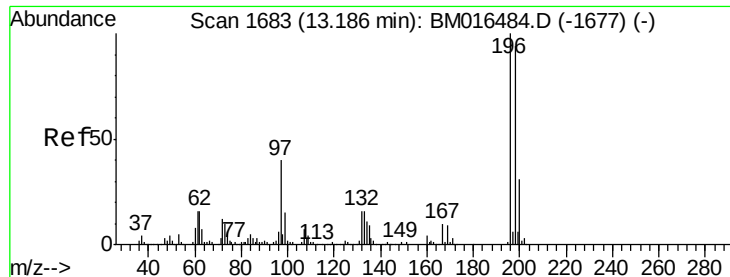
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	37.7	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 46.723 ng
 RT: 13.08 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.3	114.5
200	31.0	25.6	38.4

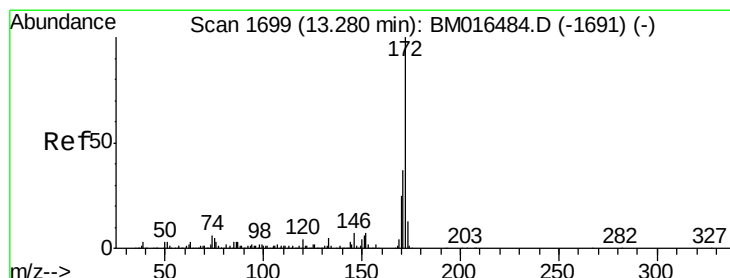
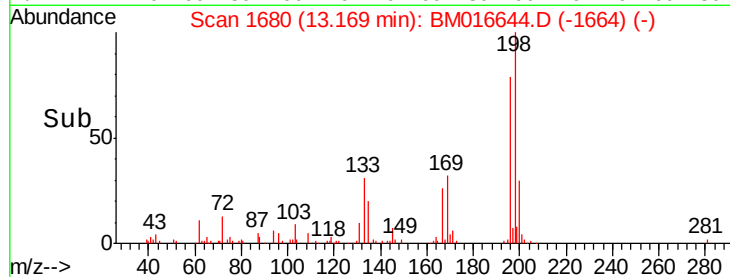
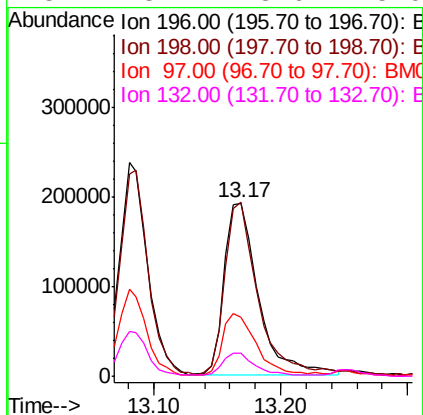
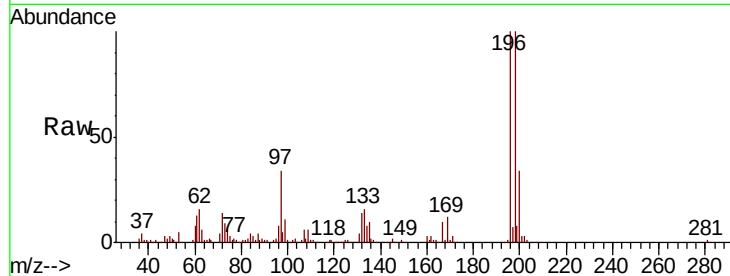




#43
2,4,5-Trichlorophenol
Concen: 46.171 ng
RT: 13.17 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

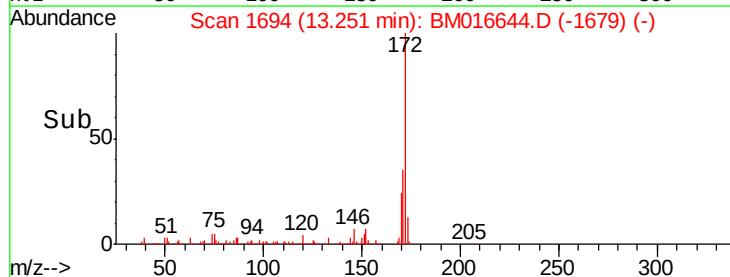
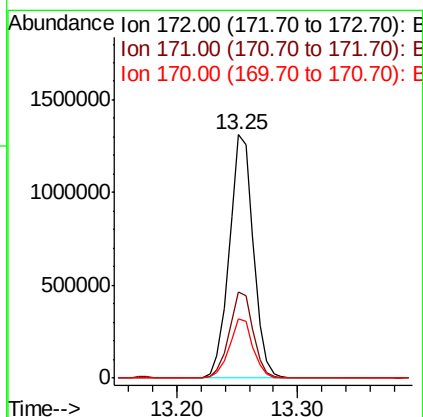
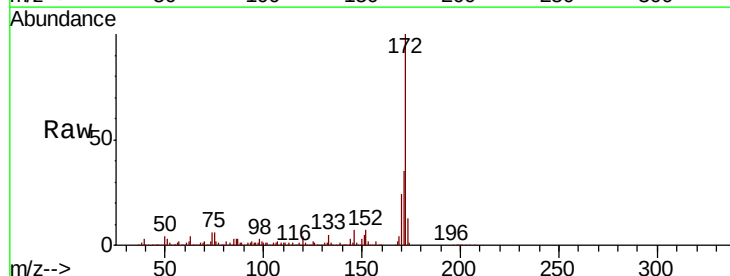
Instrument :
BNA_M
ClientSampleId :

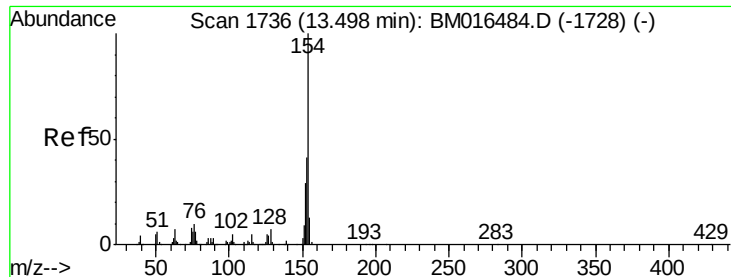
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.5	79.4	119.0
97	34.0	26.8	40.2
132	13.7	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 73.989 ng
RT: 13.25 min Scan# 1694
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	24.2	18.8	28.2





#45

1,1'-Biphenyl

Concen: 36.509 ng

RT: 13.47 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

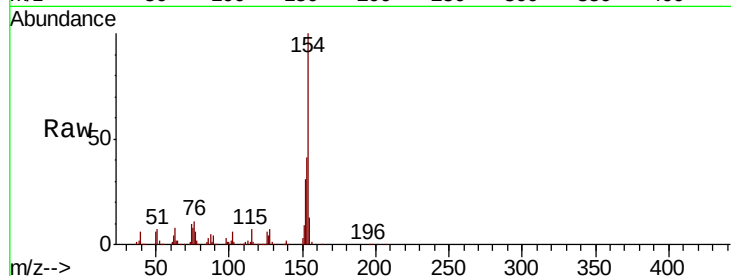
Tot Ion:154 Resp: 755866

Ion Ratio Lower Upper

154 100

153 41.2 20.7 60.7

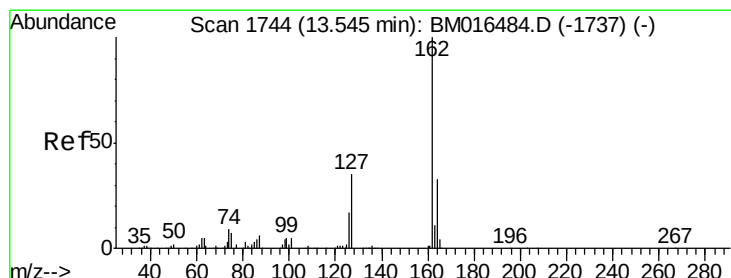
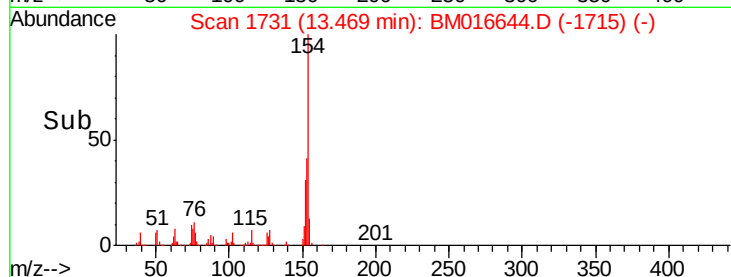
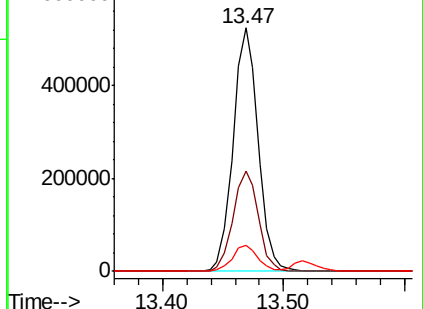
76 10.6 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 37.181 ng

RT: 13.52 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

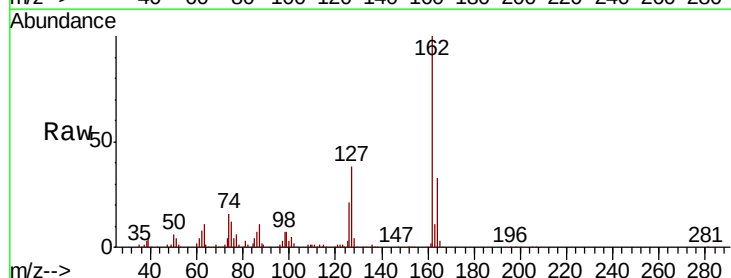
Tgt Ion:162 Resp: 625387

Ion Ratio Lower Upper

162 100

127 37.9 26.9 40.3

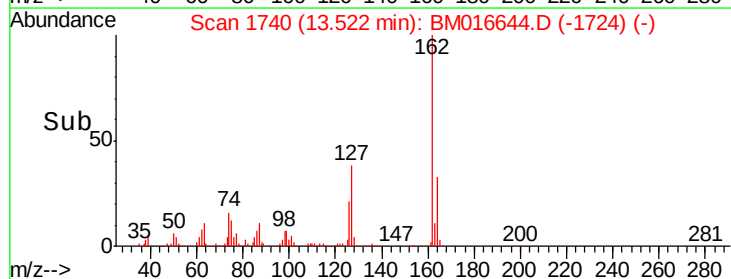
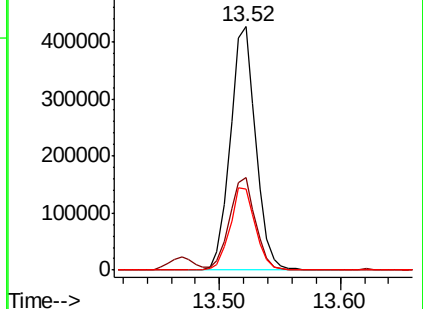
164 33.3 26.8 40.2

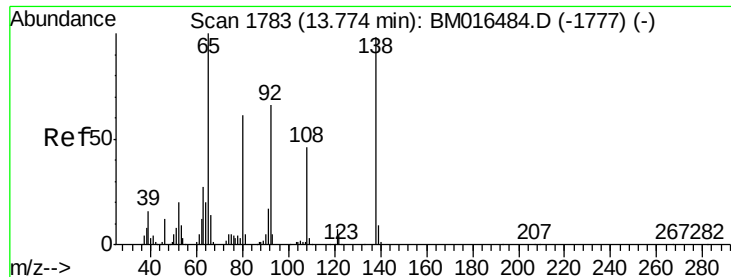


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.497 ng

RT: 13.76 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

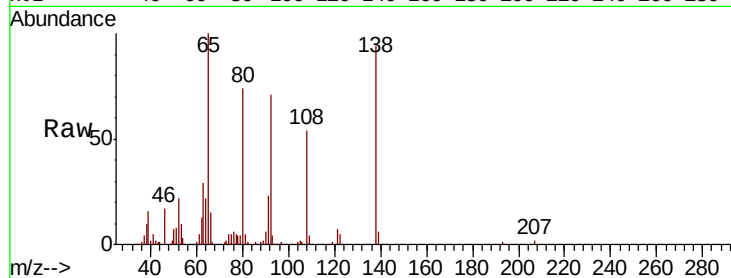
Tot Ion: 65 Resp: 154553

Ion Ratio Lower Upper

65 100

92 70.8 59.1 88.7

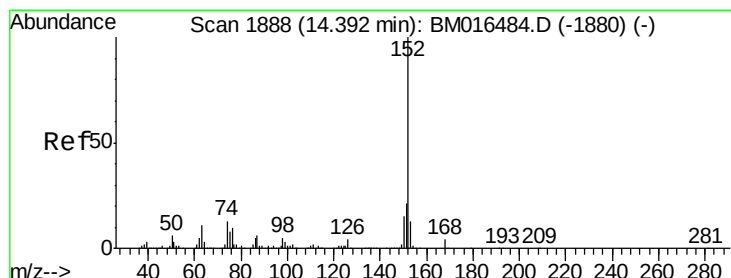
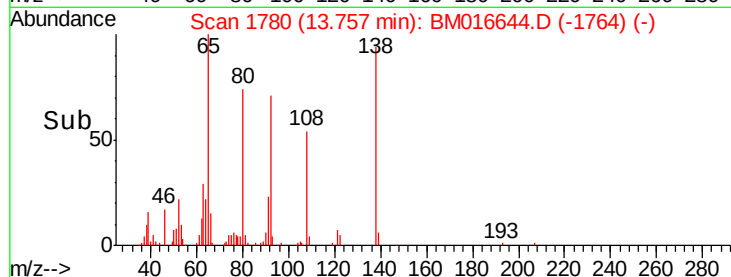
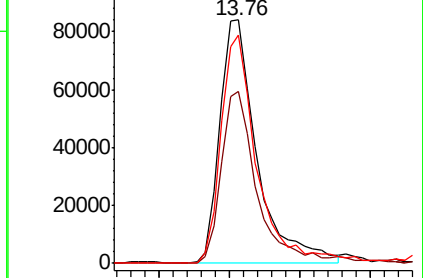
138 93.6 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM016644.D (-1777) (-)

Ion 92.00 (91.70 to 92.70): BM016644.D (-1777) (-)

Ion 138.00 (137.70 to 138.70): BM016644.D (-1777) (-)



#48

Acenaphthylene

Concen: 38.076 ng

RT: 14.36 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

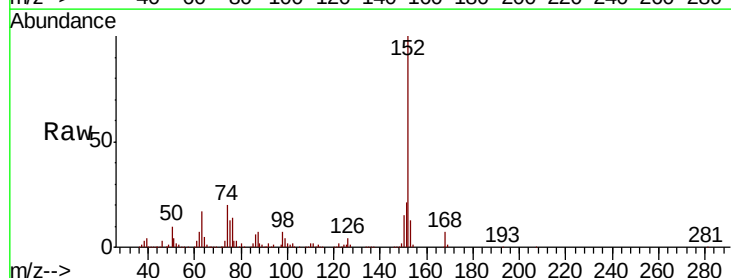
Tgt Ion: 152 Resp: 904033

Ion Ratio Lower Upper

152 100

151 21.4 15.9 23.9

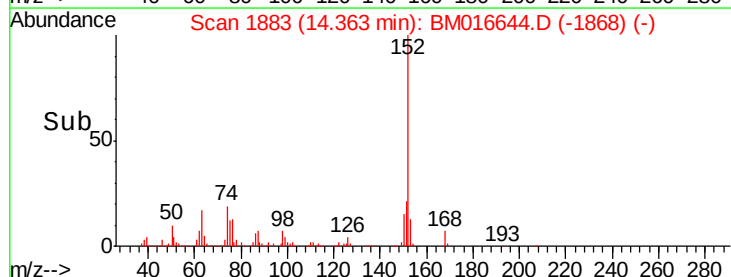
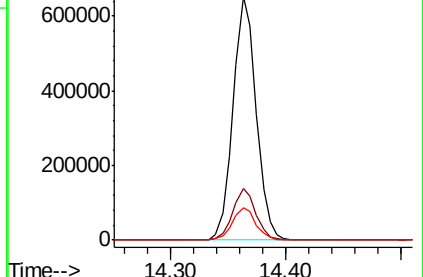
153 13.5 10.6 16.0

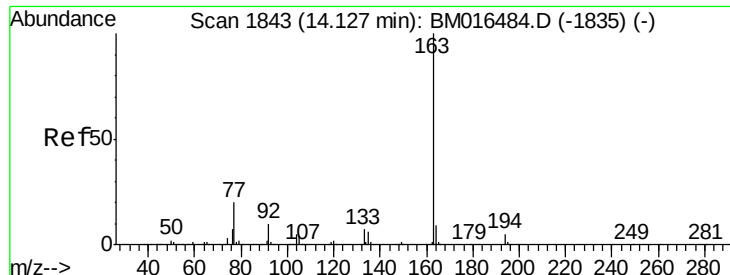


Abundance Ion 152.00 (151.70 to 152.70): BM016644.D (-1880) (-)

Ion 151.00 (150.70 to 151.70): BM016644.D (-1880) (-)

Ion 153.00 (152.70 to 153.70): BM016644.D (-1880) (-)





#49

Dimethylphthalate

Concen: 36.023 ng

RT: 14.10 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

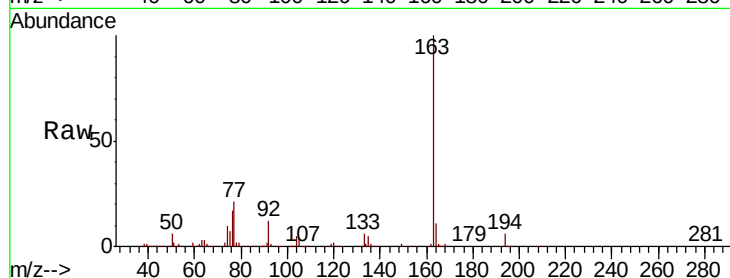
Tot Ion:163 Resp: 817160

Ion Ratio Lower Upper

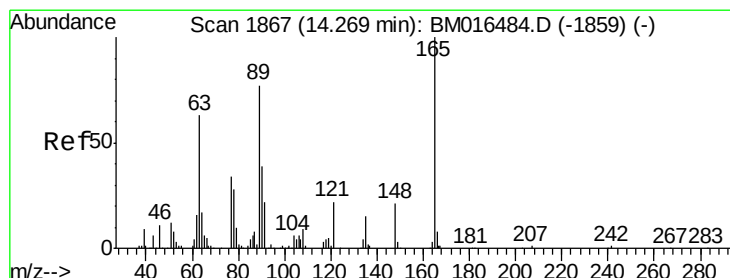
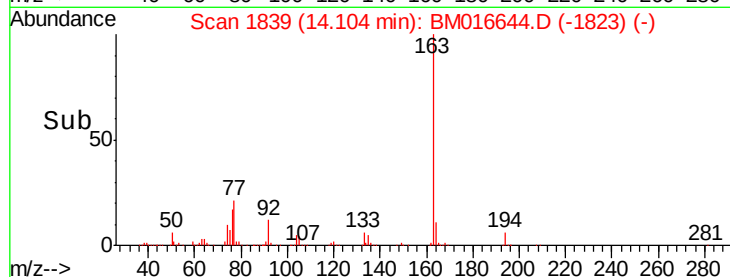
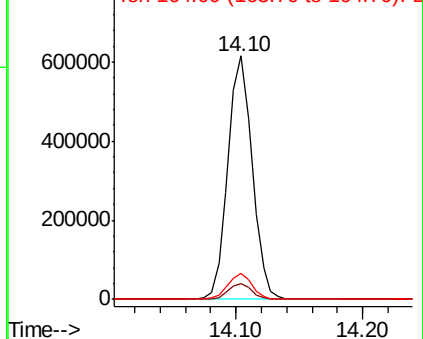
163 100

194 6.4 2.7 4.1#

164 10.7 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 35.250 ng

RT: 14.25 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

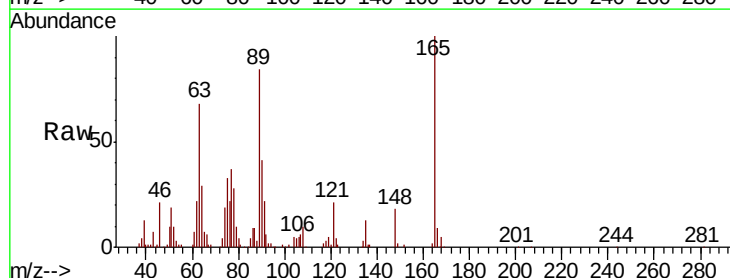
Tgt Ion:165 Resp: 155964

Ion Ratio Lower Upper

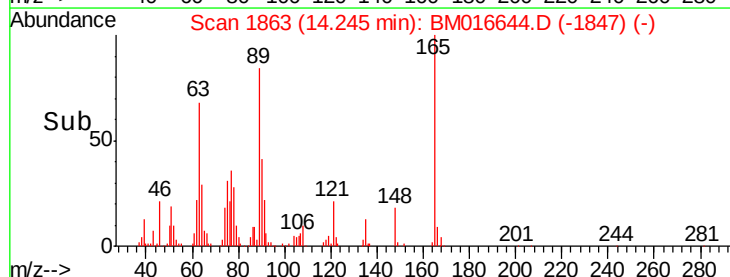
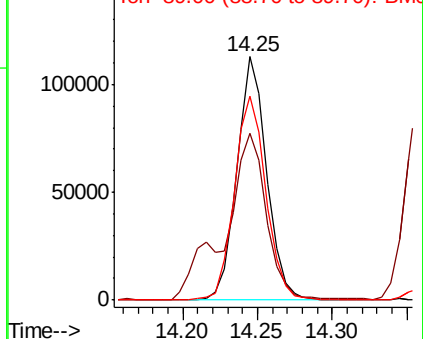
165 100

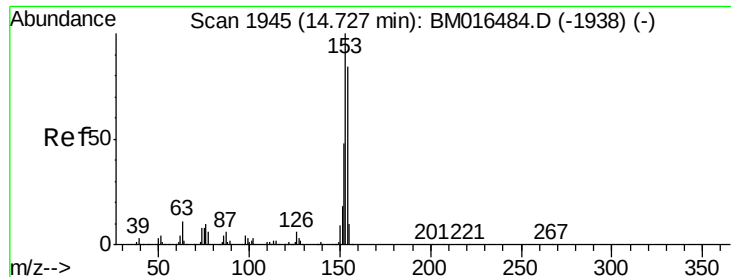
63 68.4 44.1 66.1#

89 83.5 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 36.303 ng

RT: 14.70 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

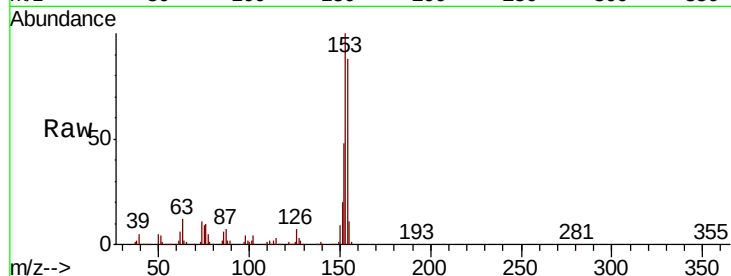
Tot Ion:154 Resp: 529539

Ion Ratio Lower Upper

154 100

153 113.9 90.0 135.0

152 54.8 42.6 63.8

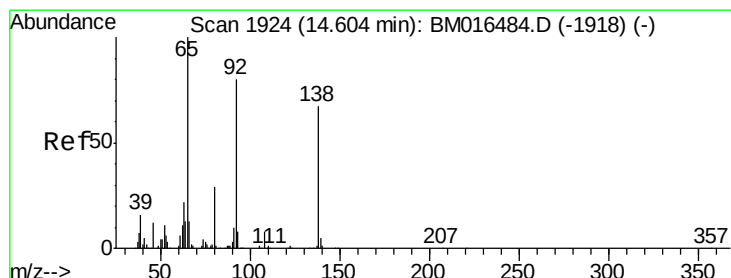
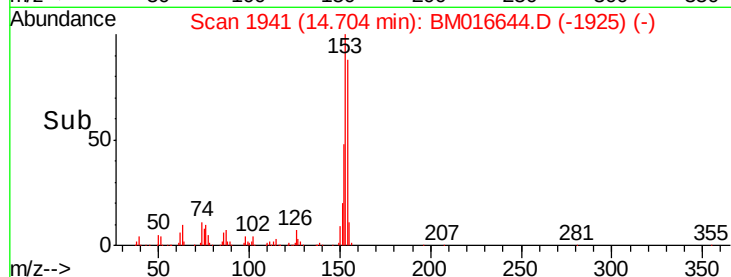
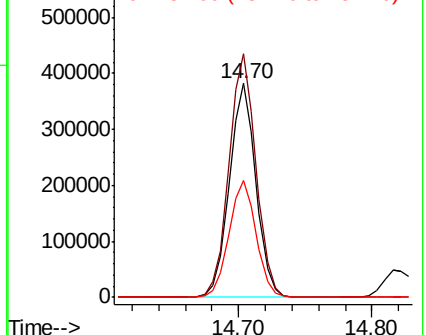


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.852 ng

RT: 14.59 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

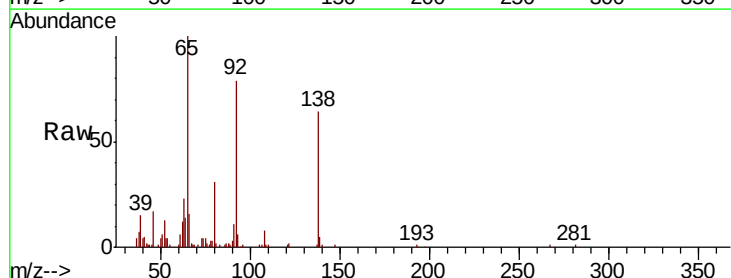
Tgt Ion:138 Resp: 91999

Ion Ratio Lower Upper

138 100

108 13.2 7.3 10.9#

92 124.3 76.6 114.8#

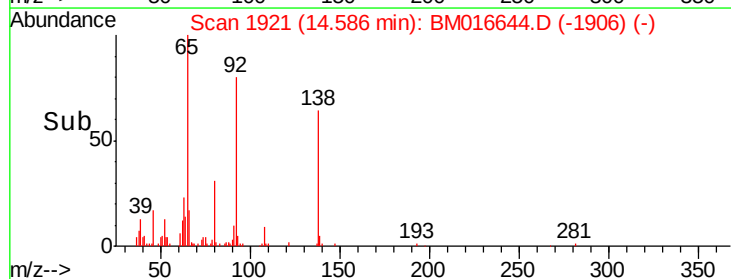
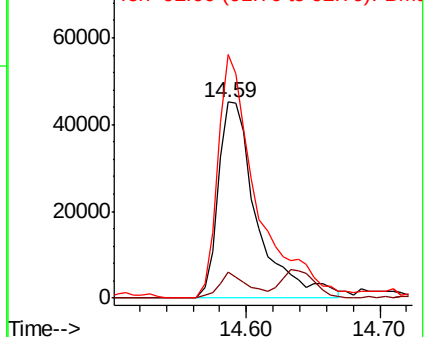


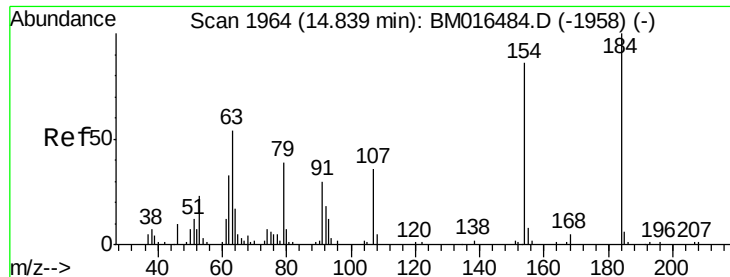
Abundance

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): E

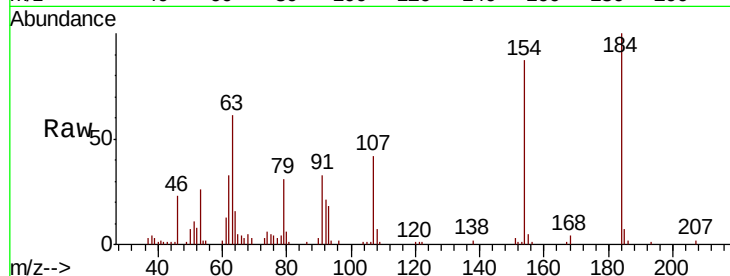




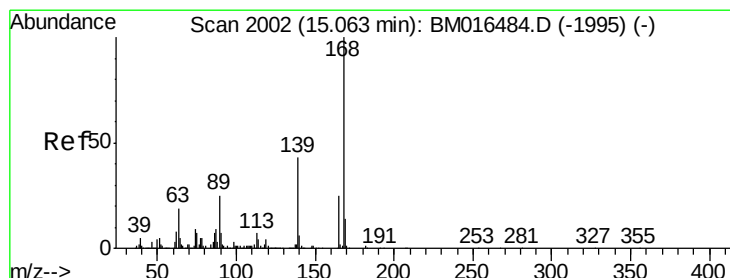
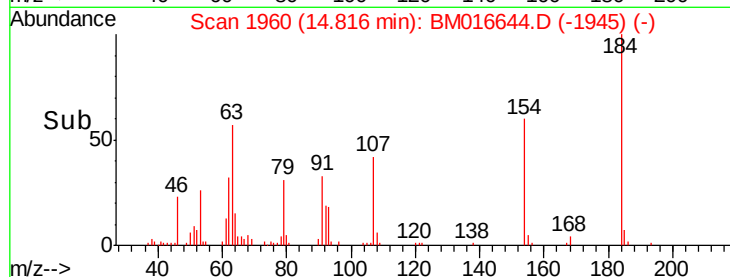
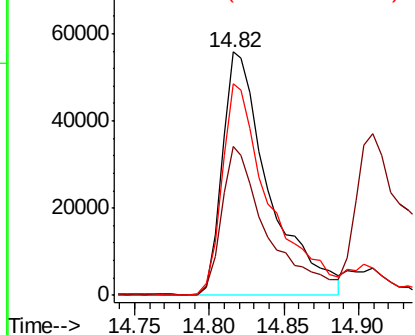
#53
2,4-Dinitrophenol
Concen: 55.252 ng
RT: 14.82 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampled :

Tot Ion:184 Resp: 122340
Ion Ratio Lower Upper
184 100
63 61.4 69.2 103.8#
154 86.9 53.3 79.9#

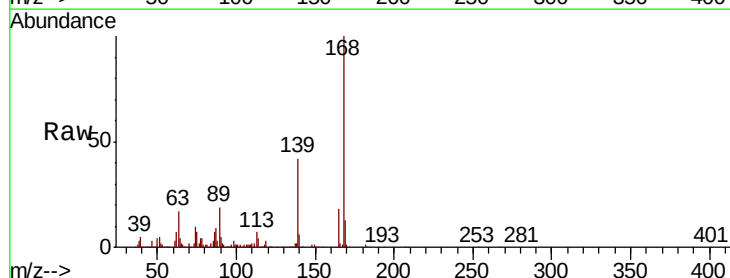


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

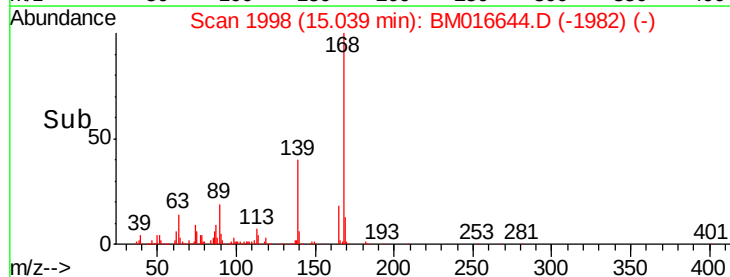
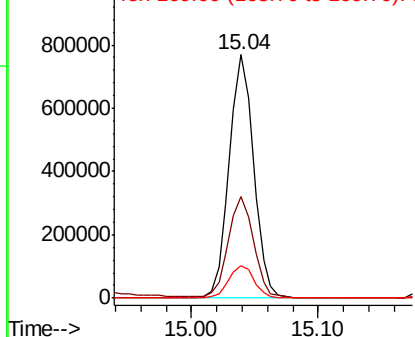


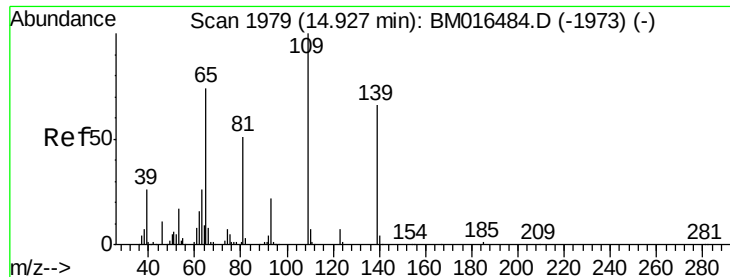
#54
Dibenzofuran
Concen: 36.878 ng
RT: 15.04 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion:168 Resp: 1029762
Ion Ratio Lower Upper
168 100
139 41.6 27.3 40.9#
169 13.2 10.6 16.0



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

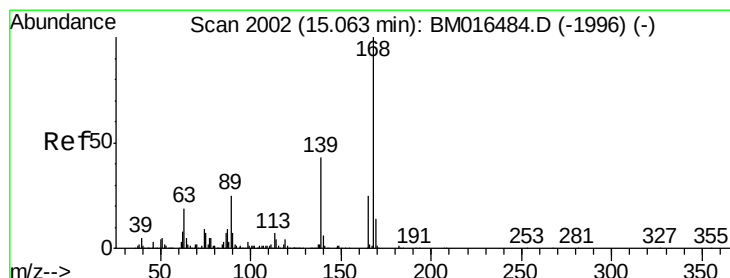
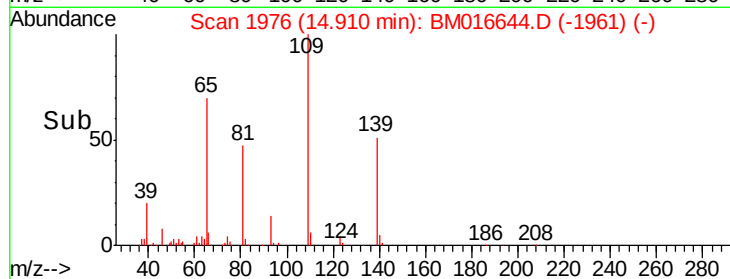
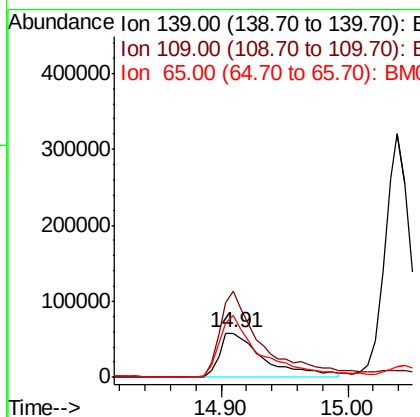
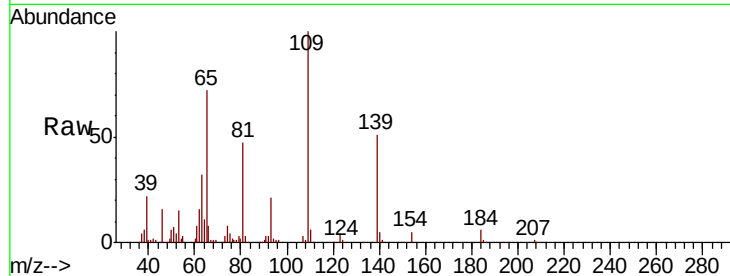




#55
4-Nitrophenol
Concen: 56.250 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

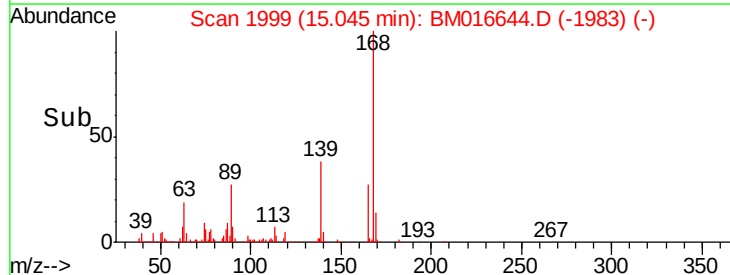
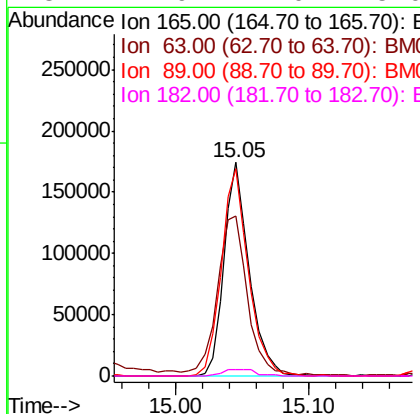
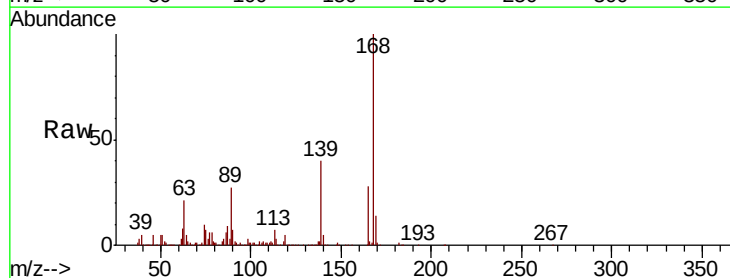
Instrument :
BNA_M
ClientSampleId :

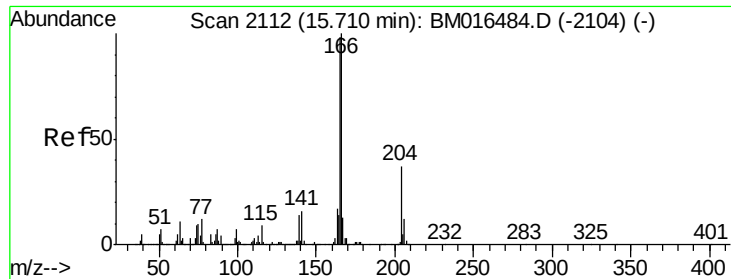
Tot Ion:139 Resp: 144436
Ion Ratio Lower Upper
139 100
109 194.6 130.0 170.0#
65 139.2 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 31.277 ng
RT: 15.05 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion:165 Resp: 230762
Ion Ratio Lower Upper
165 100
63 74.7 52.4 78.6
89 97.4 72.4 108.6
182 2.9 2.0 3.0

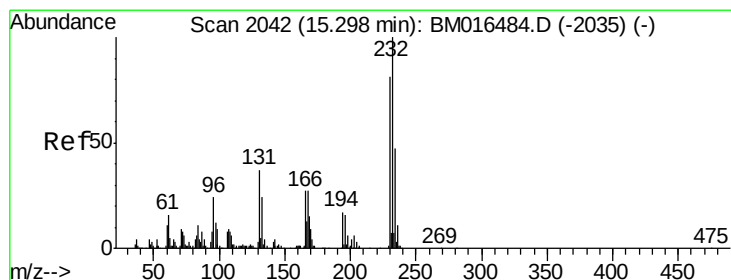
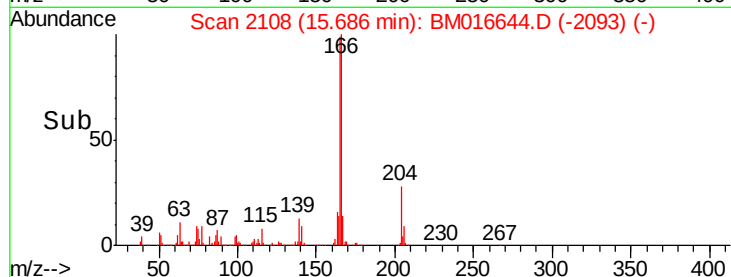
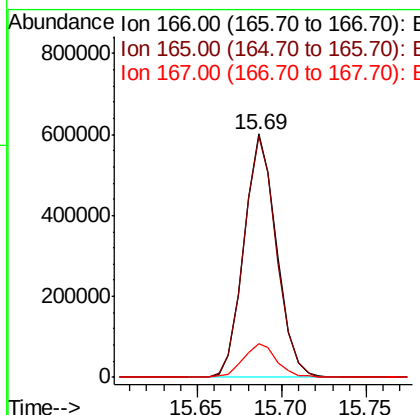
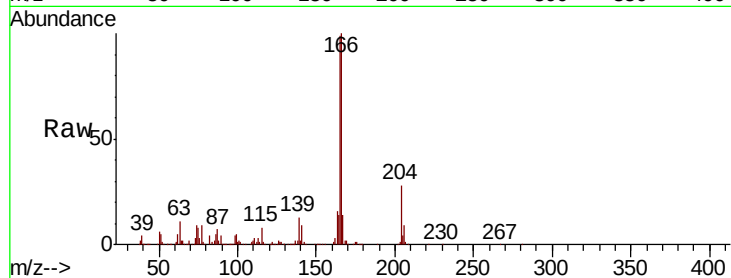




#57
 Fluorene
 Concen: 38.079 ng
 RT: 15.69 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

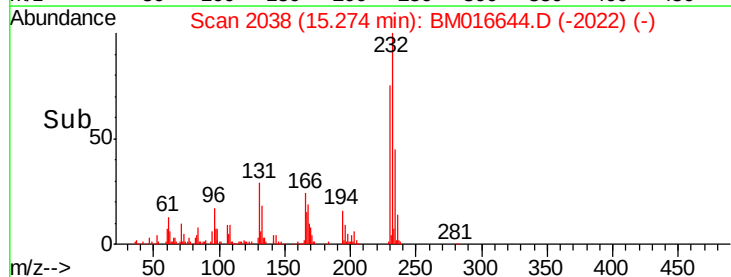
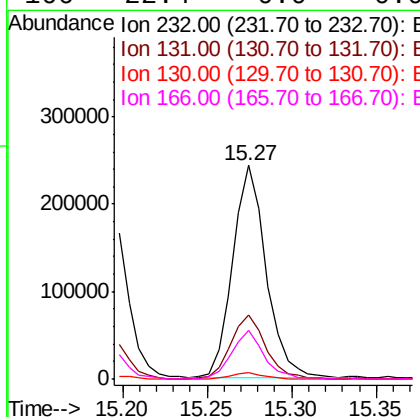
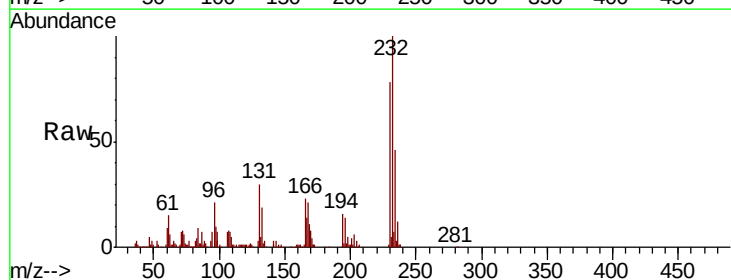
Instrument :
 BNA_M
 ClientSampleId :

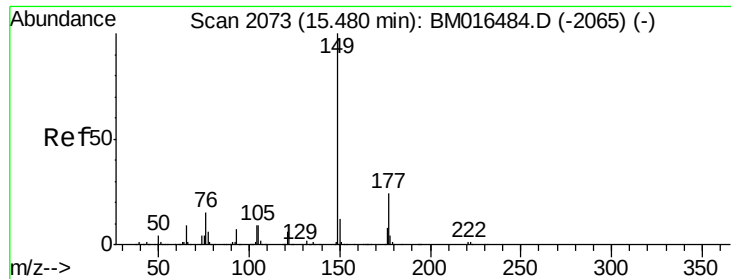
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.4
167	13.7	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.352 ng
 RT: 15.27 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	31.5	0.0	0.0#
130	2.8	0.0	0.0#
166	22.4	0.0	0.0#

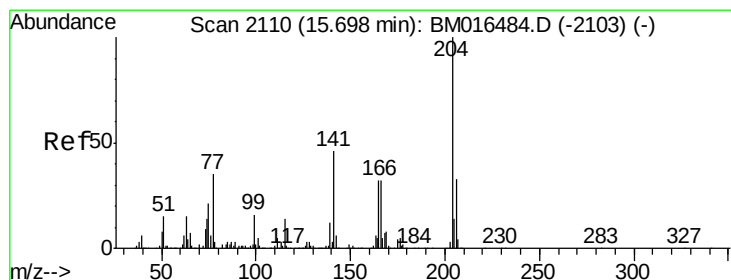
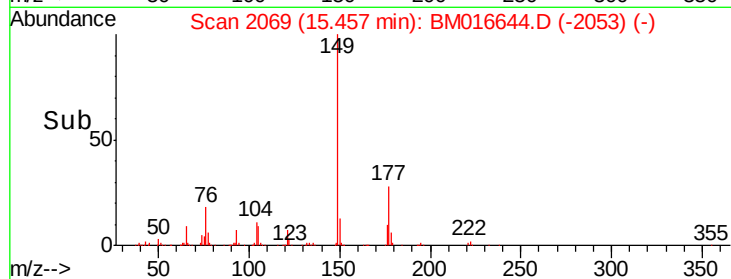
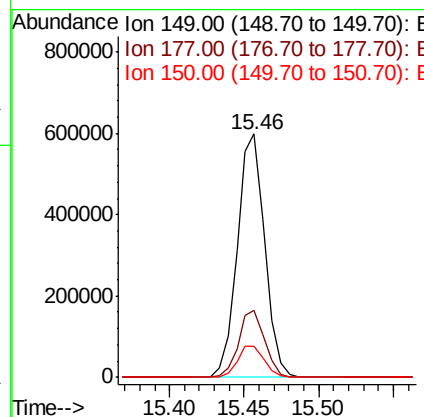
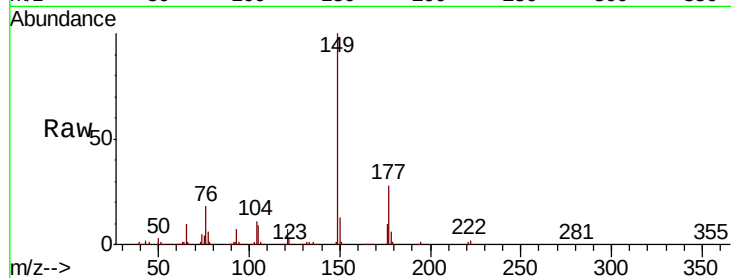




#59
Diethylphthalate
Concen: 32.415 ng
RT: 15.46 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

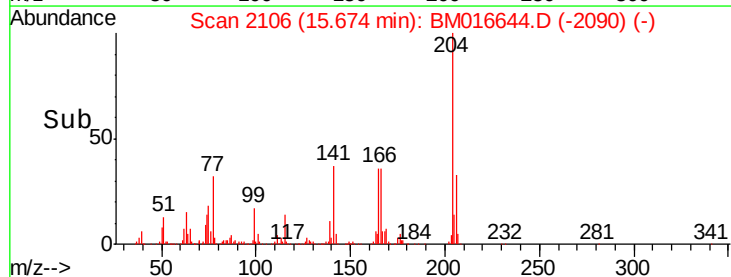
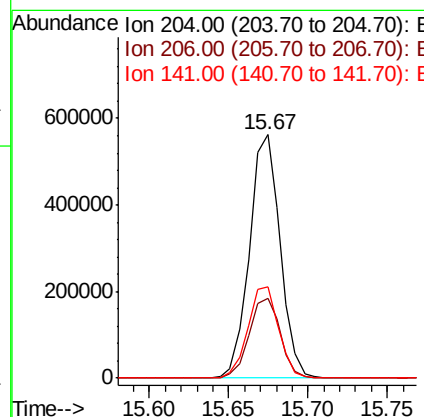
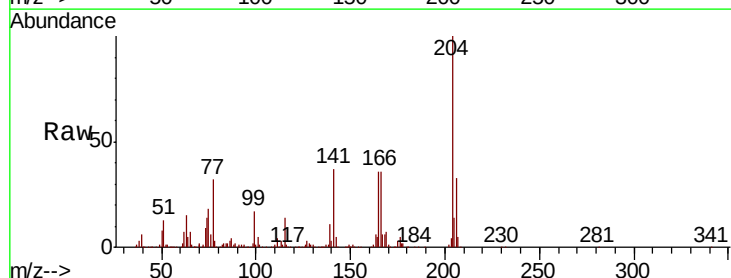
Instrument :
BNA_M
ClientSampleId :

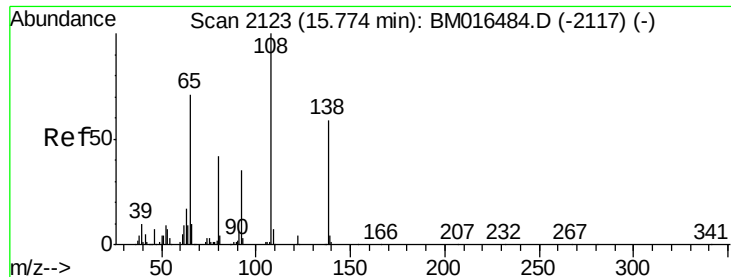
Tot Ion	Ratio	Lower	Upper
149	100		
177	27.5	18.3	27.5#
150	12.7	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 42.551 ng
RT: 15.67 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	37.3	45.2	67.8#

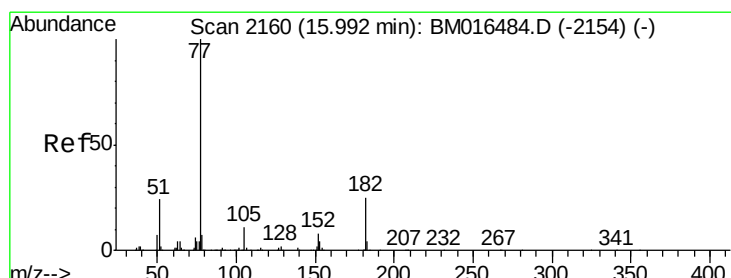
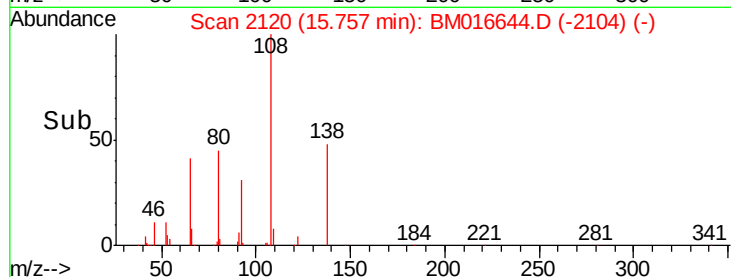
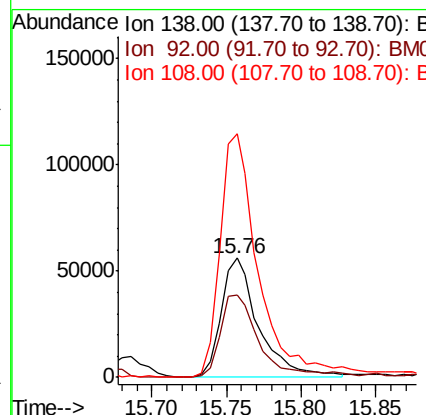
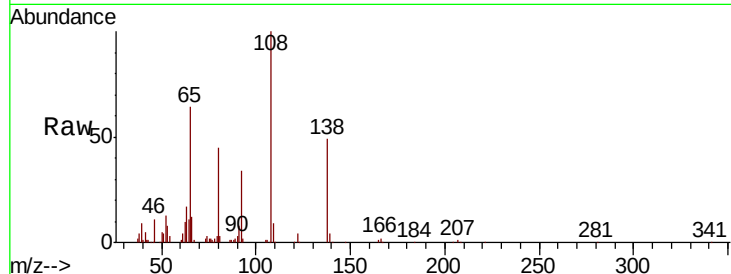




#61
4-Nitroaniline
Concen: 25.034 ng
RT: 15.76 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

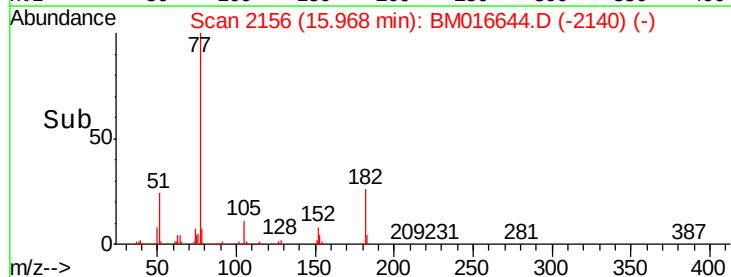
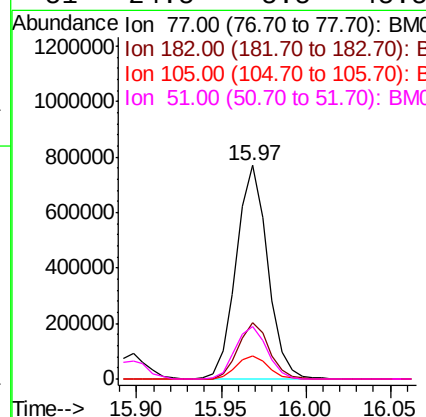
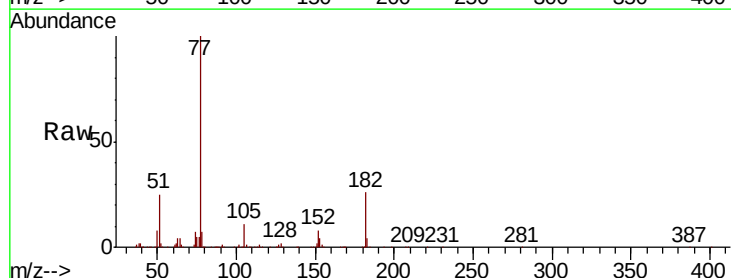
Instrument :
BNA_M
ClientSampled :

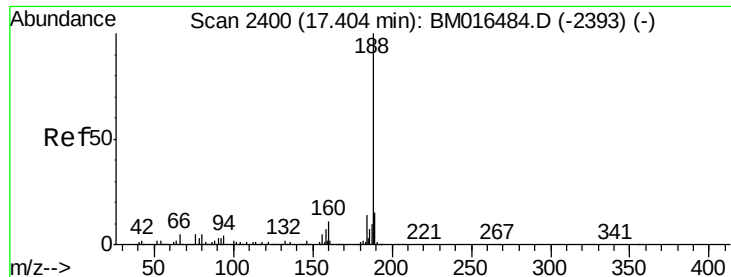
Tot Ion:138 Resp: 98498
Ion Ratio Lower Upper
138 100
92 68.6 16.7 56.7#
108 203.9 37.6 77.6#



#62
Azobenzene
Concen: 39.440 ng
RT: 15.97 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion: 77 Resp: 993600
Ion Ratio Lower Upper
77 100
182 26.4 6.5 46.5
105 11.1 3.8 43.8
51 24.5 5.5 45.5

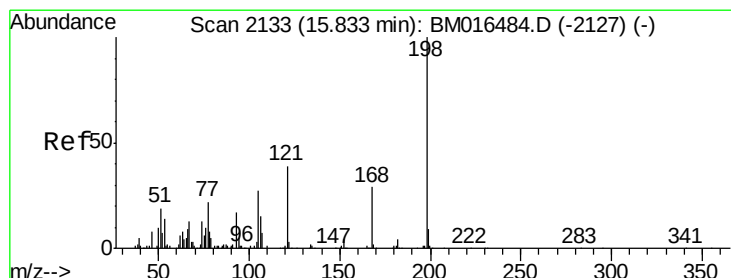
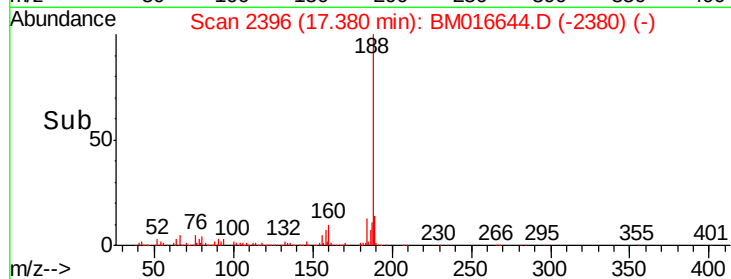
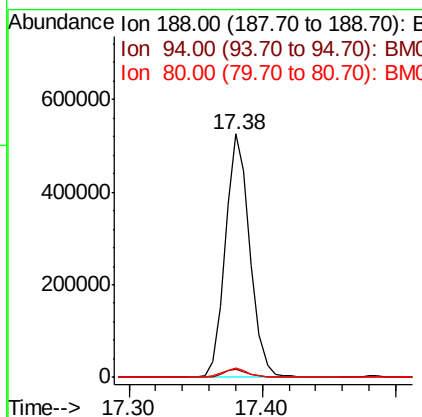
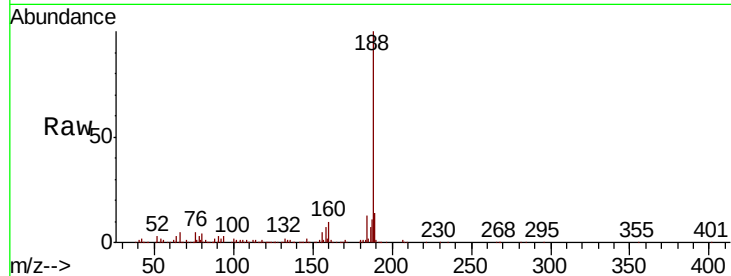




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

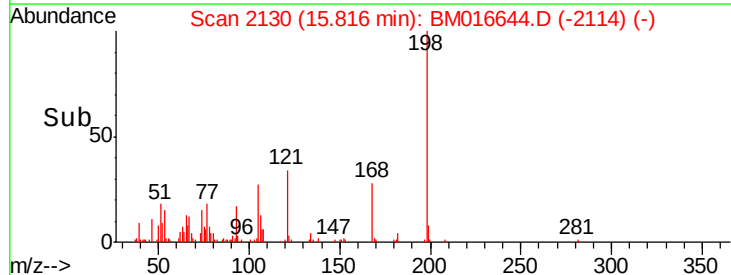
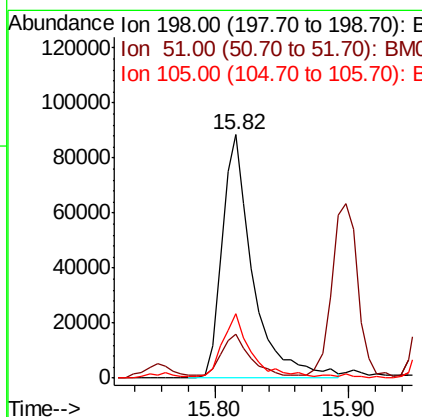
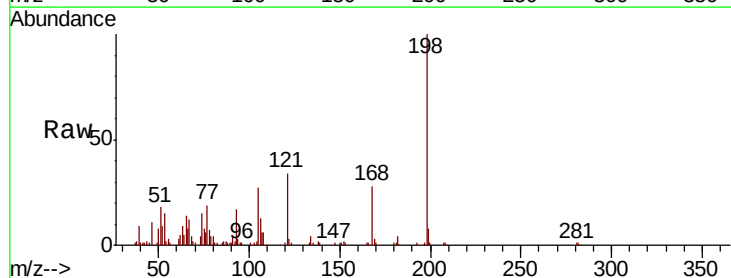
Instrument :
 BNA_M
 ClientSampleId :

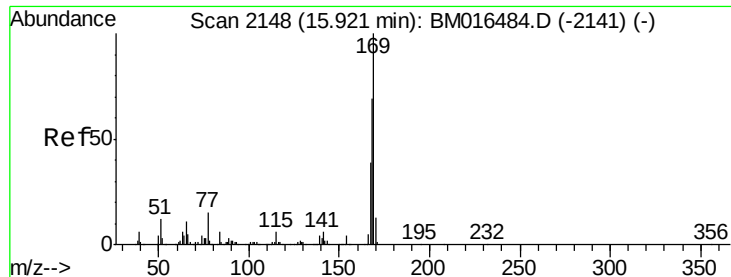
Tot Ion	Ratio	Lower	Upper
188	100		
94	3.1	8.7	13.1#
80	3.6	9.3	13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 27.668 ng
 RT: 15.82 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
198	100		
51	17.9	28.8	68.8#
105	26.5	30.5	70.5#

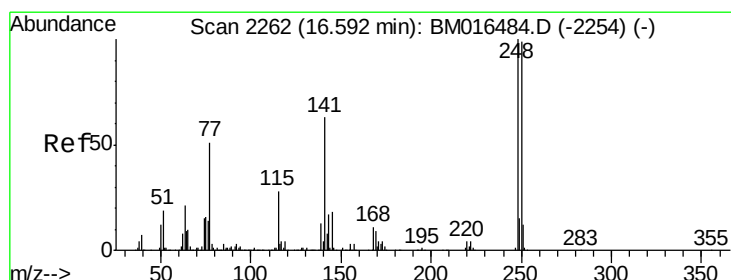
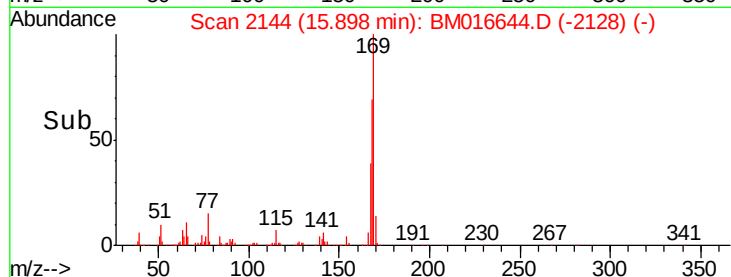
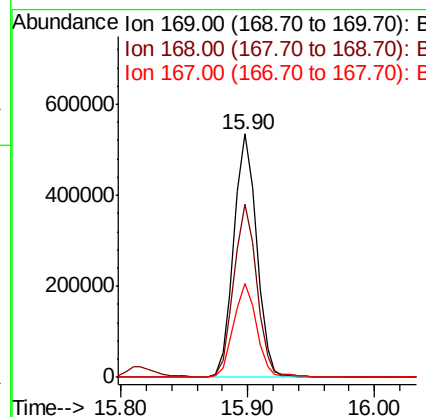
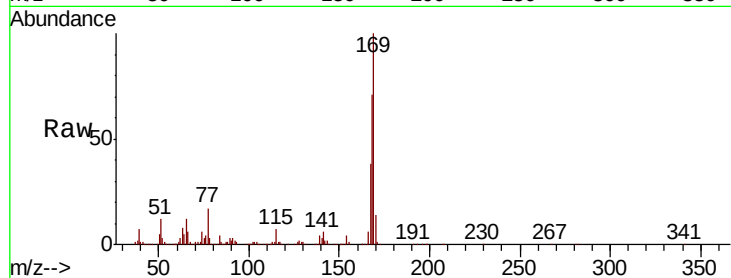




#65
 n-Nitrosodiphenylamine
 Concen: 35.099 ng
 RT: 15.90 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

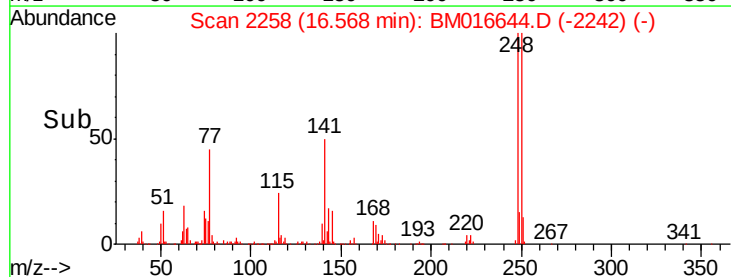
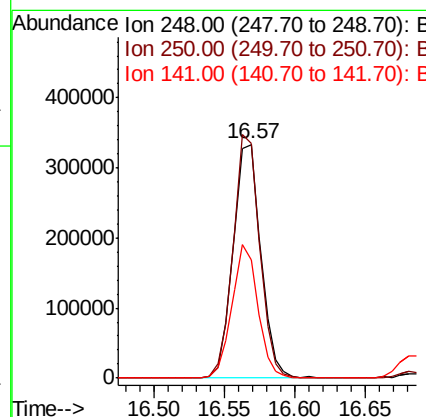
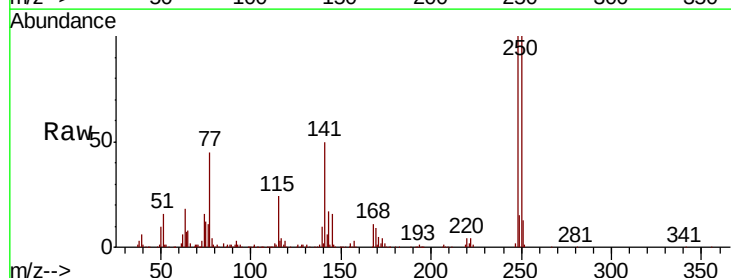
Instrument :
 BNA_M
 ClientSampleId :

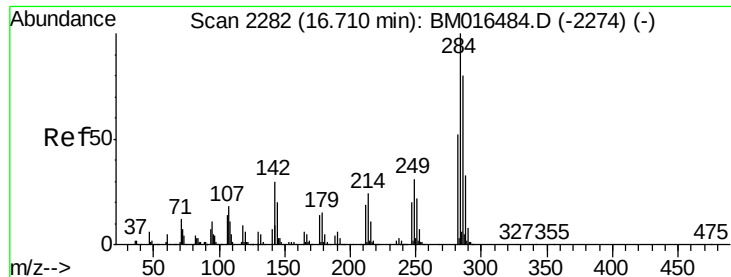
Tot Ion	Ratio	Lower	Upper
169	100		
168	71.1	53.9	80.9
167	38.5	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.982 ng
 RT: 16.57 min Scan# 2258
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.2	77.4	116.0
141	50.5	45.2	67.8

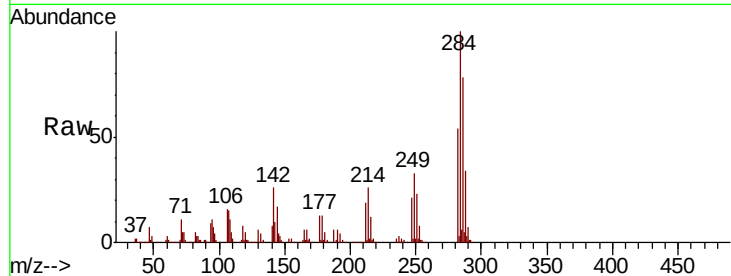




#67
Hexachlorobenzene
Concen: 41.273 ng
RT: 16.69 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.5	20.4	30.6
249	33.3	23.8	35.6

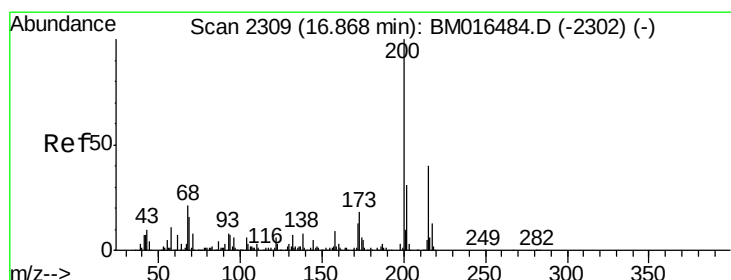
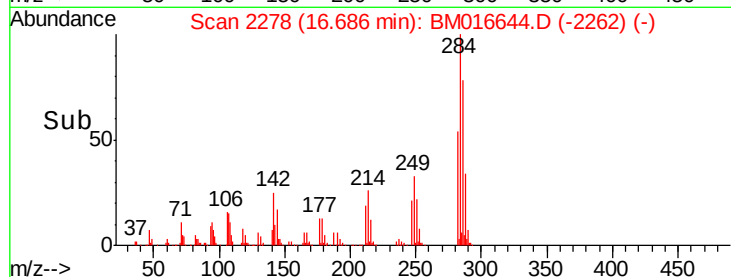
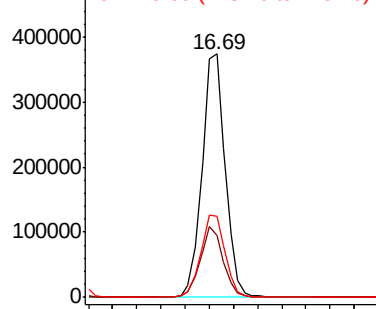


Abundance

Ion 283.80 (283.50 to 284.50): E

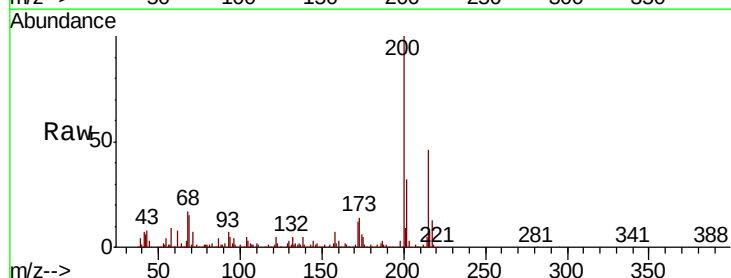
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 43.064 ng
RT: 16.84 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
200	100		
173	14.4	4.8	44.8
215	46.4	26.9	66.9

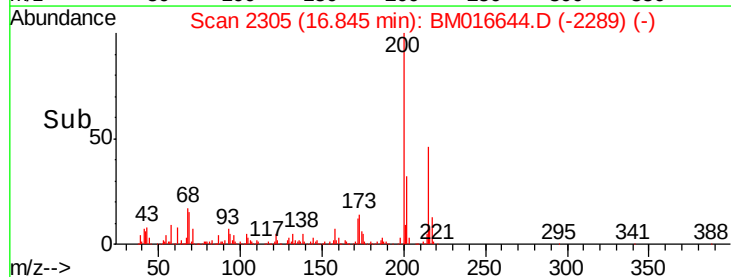
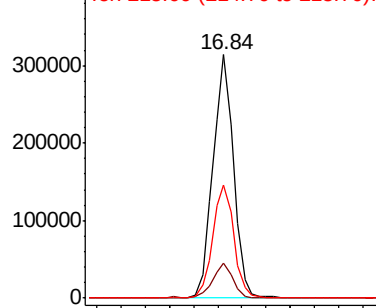


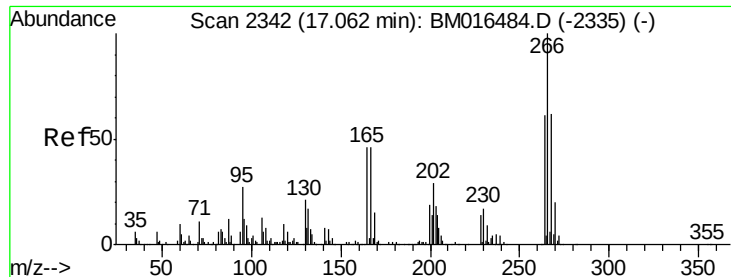
Abundance

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

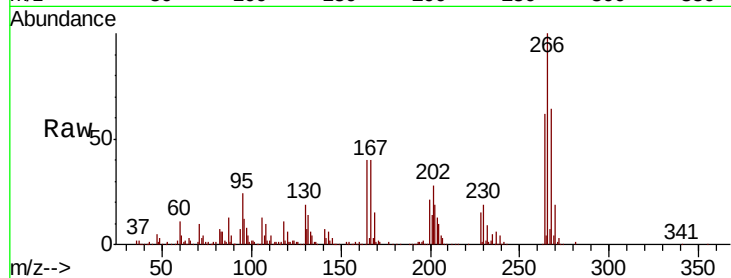




#69
 Pentachlorophenol
 Concen: 59.701 ng
 RT: 17.04 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.0	78.0
264	61.8	49.0	73.4

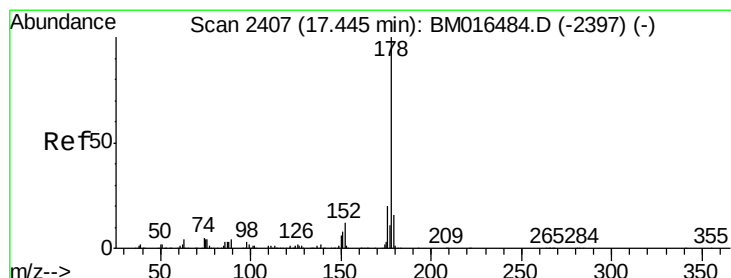
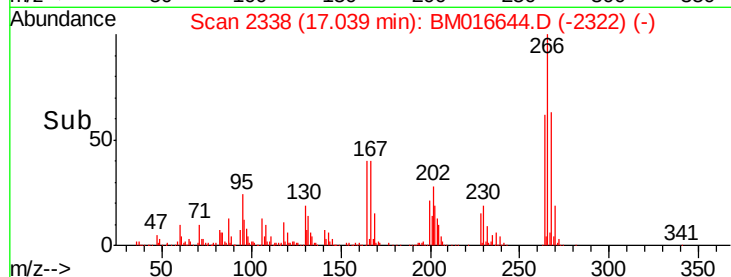
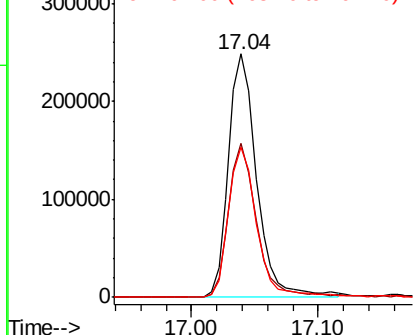


Abundance

Ion 265.70 (265.40 to 266.40): E

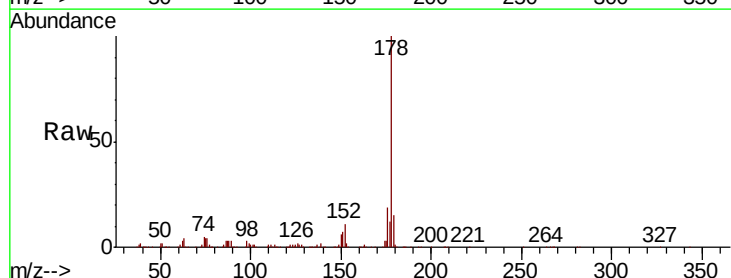
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 36.648 ng
 RT: 17.42 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.3	12.1	18.1

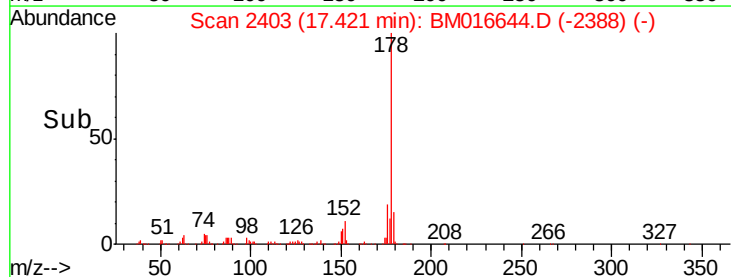
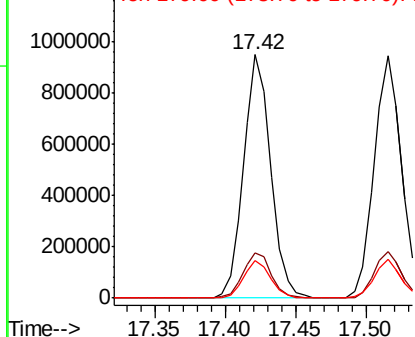


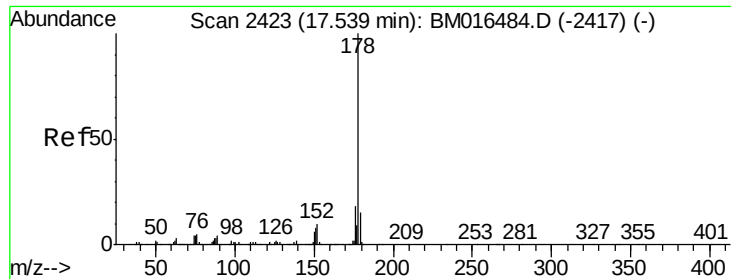
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

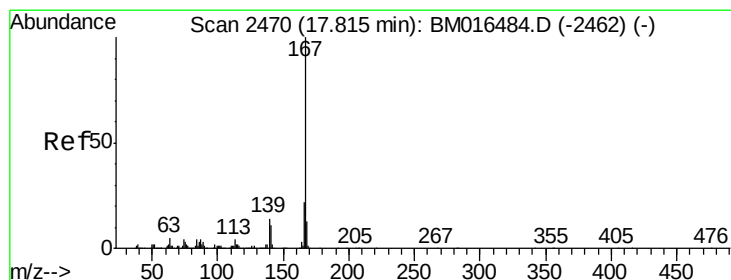
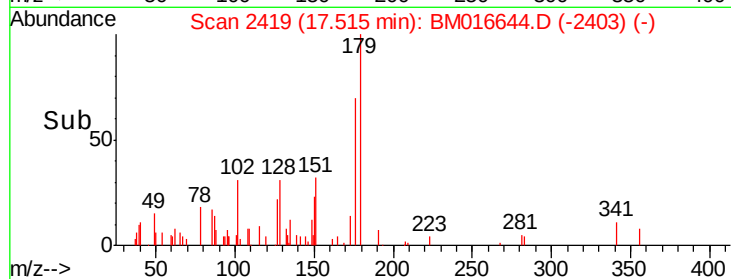
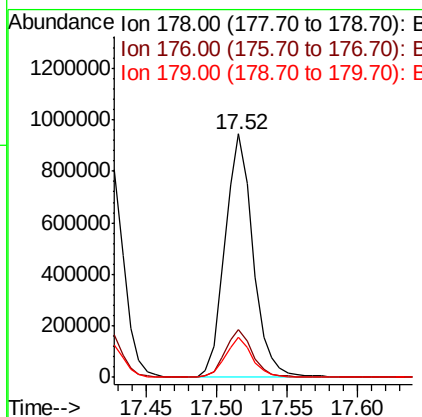
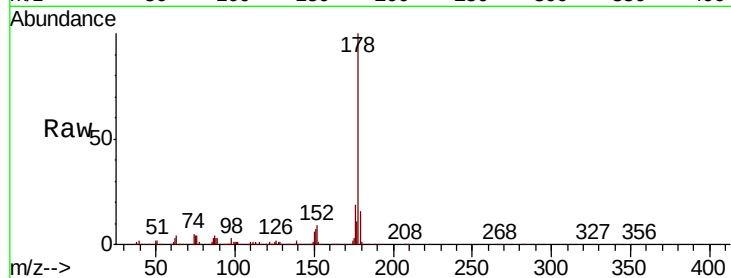




#71
 Anthracene
 Concen: 37.511 ng
 RT: 17.52 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

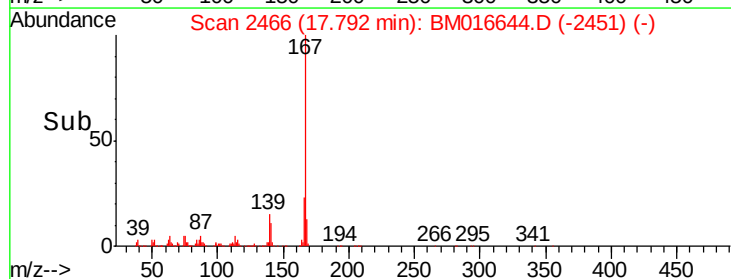
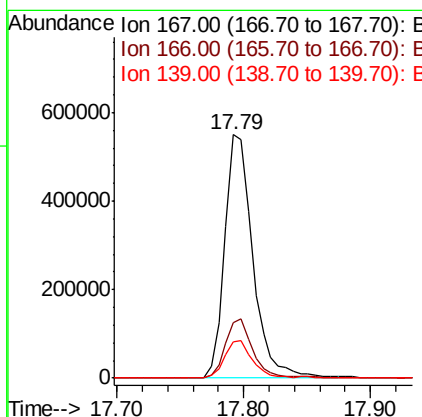
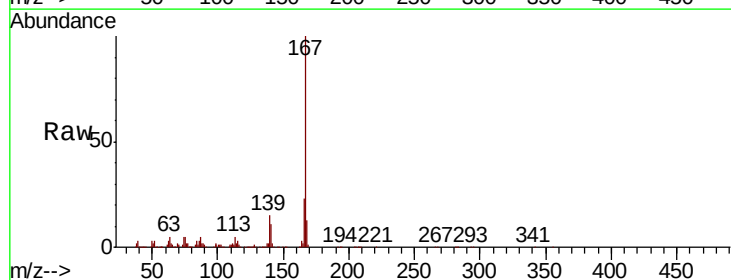
Instrument :
 BNA_M
 ClientSampleId :

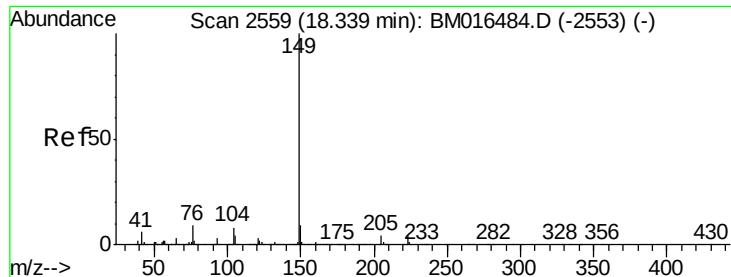
Tot Ion:178 Resp: 1302615
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.6 22.0
 179 16.3 12.6 19.0



#72
 Carbazole
 Concen: 27.180 ng
 RT: 17.79 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion:167 Resp: 848232
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.2 25.8
 139 14.8 10.8 16.2





#73

Di-n-butylphthalate

Concen: 31.456 ng

RT: 18.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampled :

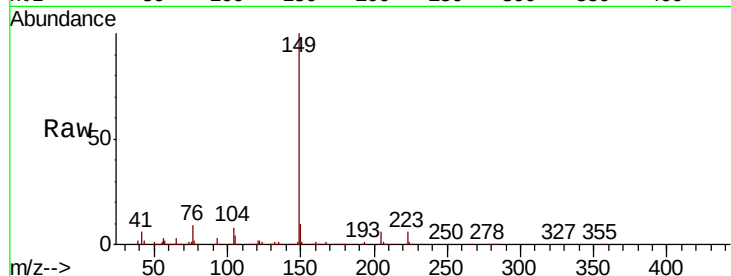
Tot Ion:149 Resp: 1196803

Ion Ratio Lower Upper

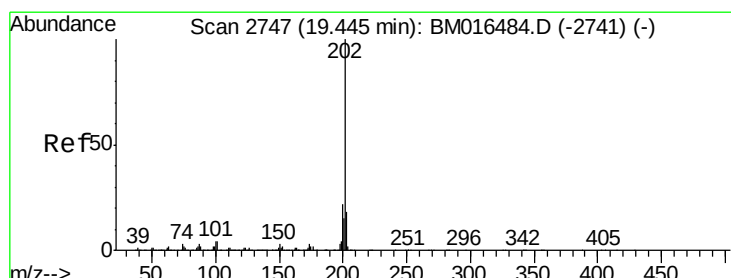
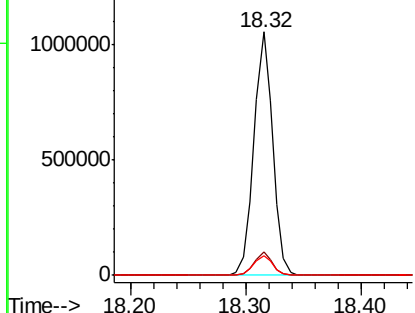
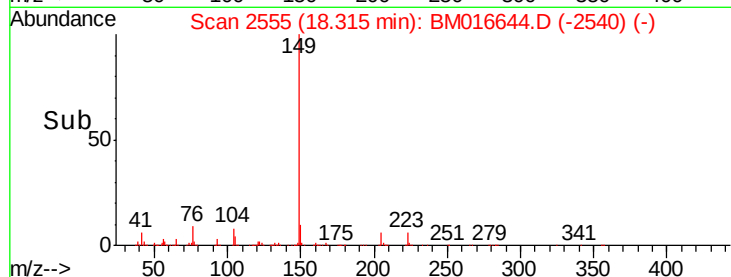
149 100

150 9.6 7.5 11.3

104 8.3 3.7 5.5#



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



#74

Fluoranthene

Concen: 35.832 ng

RT: 19.42 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

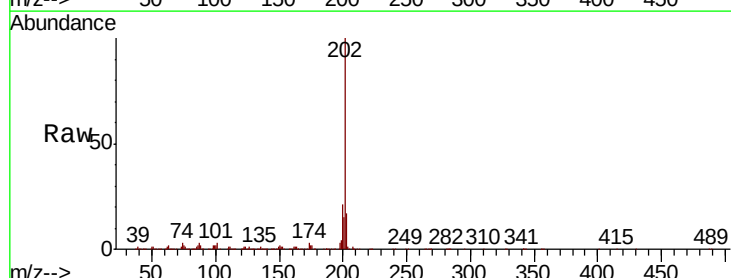
Tgt Ion:202 Resp: 1837344

Ion Ratio Lower Upper

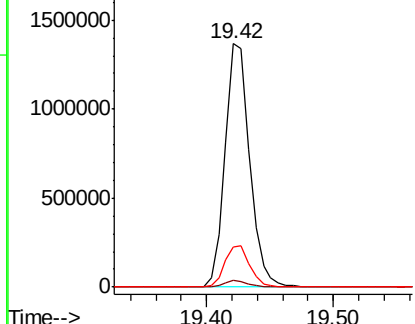
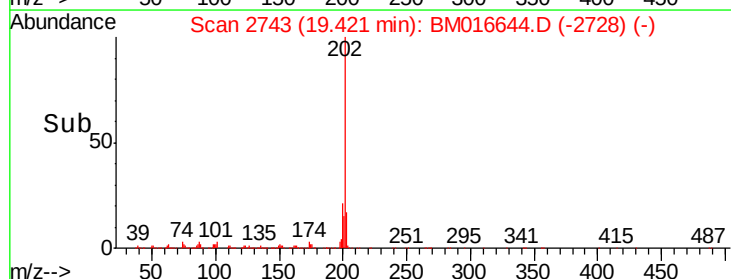
202 100

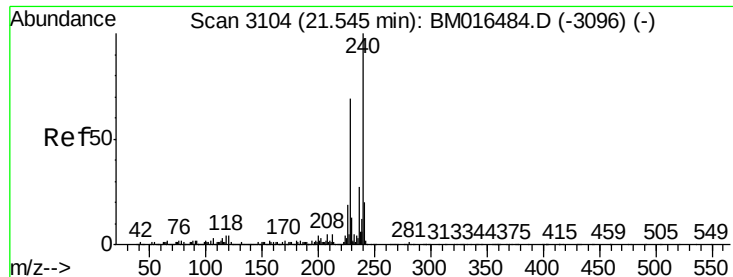
101 2.6 0.0 28.7

203 16.7 0.0 37.2



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

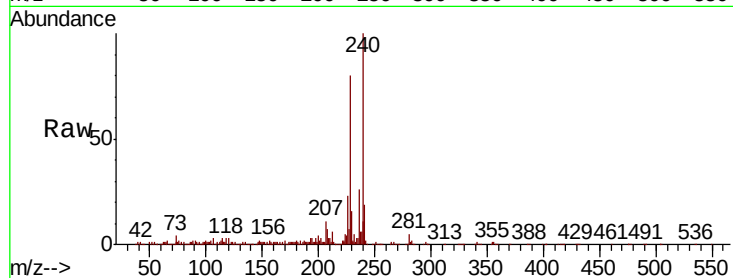
Tot Ion:240 Resp: 824723

Ion Ratio Lower Upper

240 100

120 3.0 8.2 12.2#

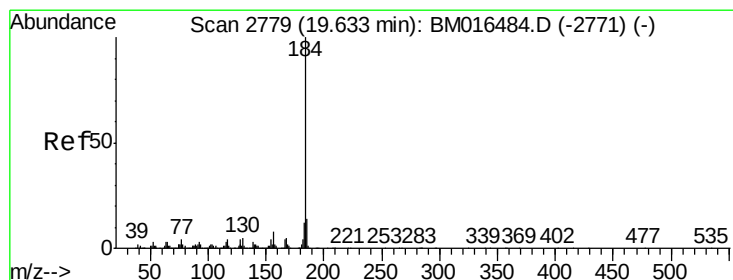
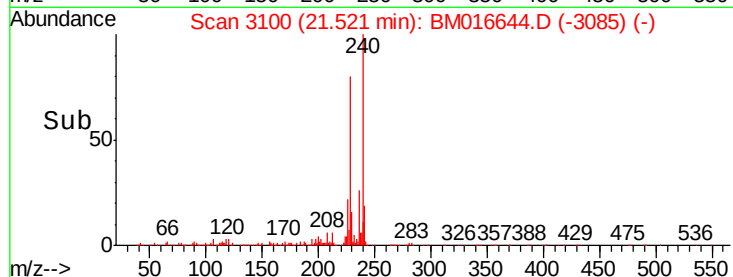
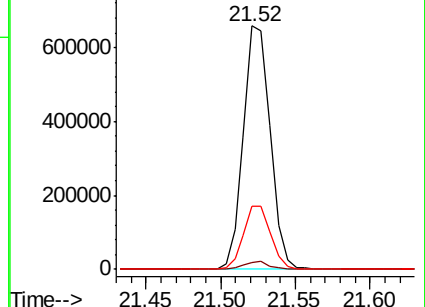
236 26.2 20.0 30.0



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



#76

Benzidine

Concen: 32.777 ng

RT: 19.62 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

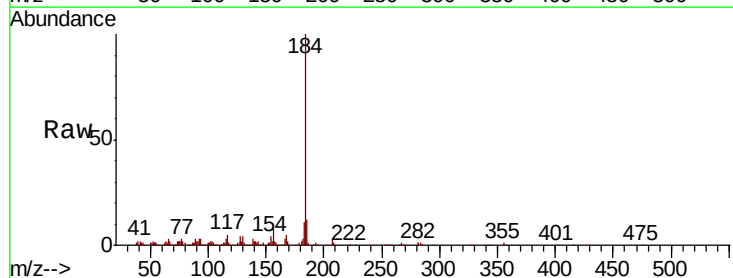
Tgt Ion:184 Resp: 519851

Ion Ratio Lower Upper

184 100

185 12.4 11.3 16.9

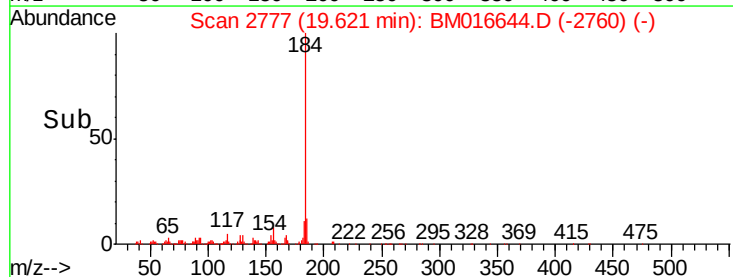
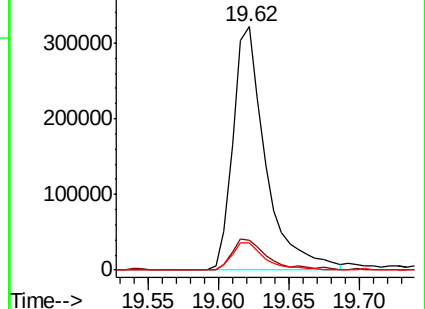
183 11.4 8.9 13.3

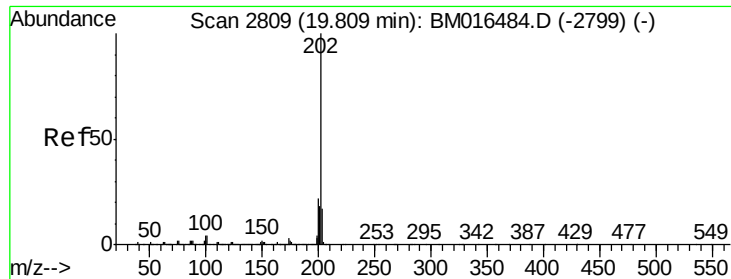


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.239 ng

RT: 19.79 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampleId :

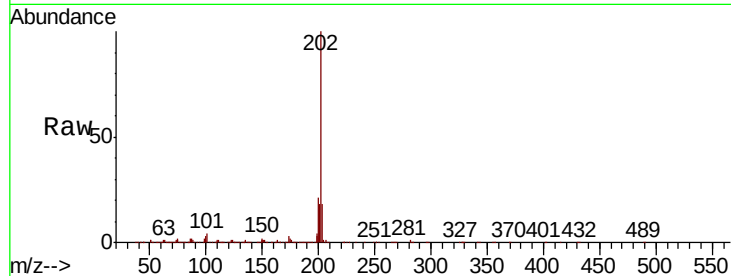
Tot Ion:202 Resp: 1848363

Ion Ratio Lower Upper

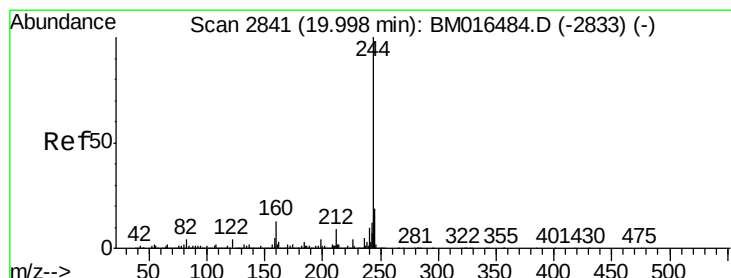
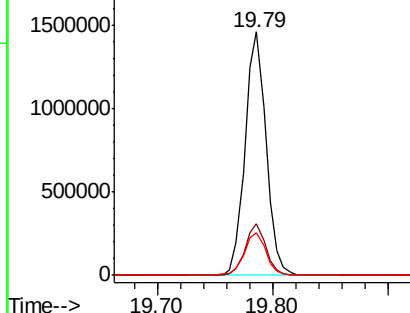
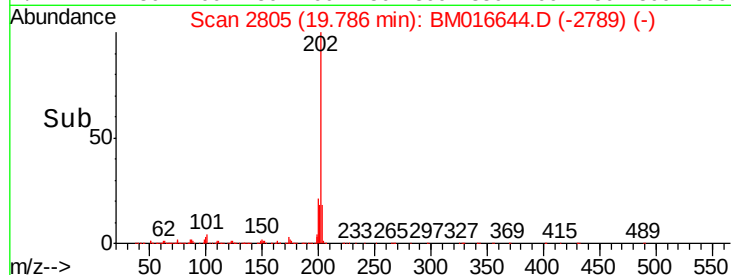
202 100

200 21.1 16.9 25.3

203 17.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.478 ng

RT: 19.97 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

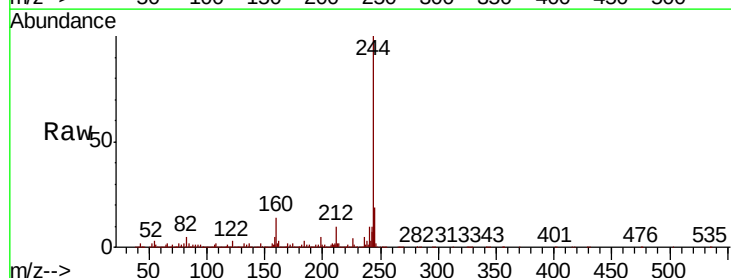
Tgt Ion:244 Resp: 3174781

Ion Ratio Lower Upper

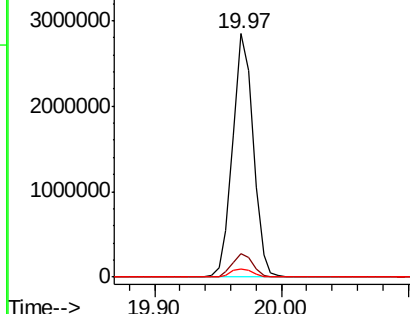
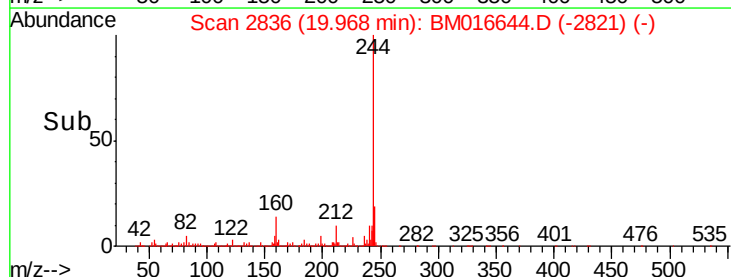
244 100

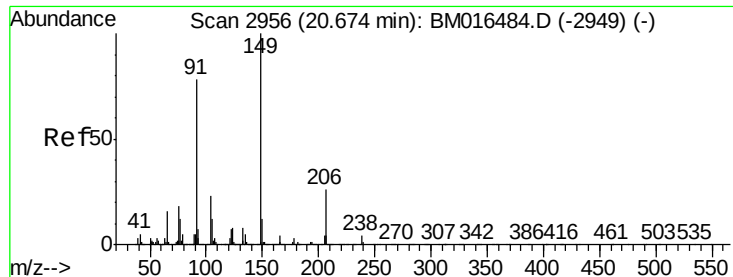
212 9.6 4.9 7.3#

122 3.4 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
3000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

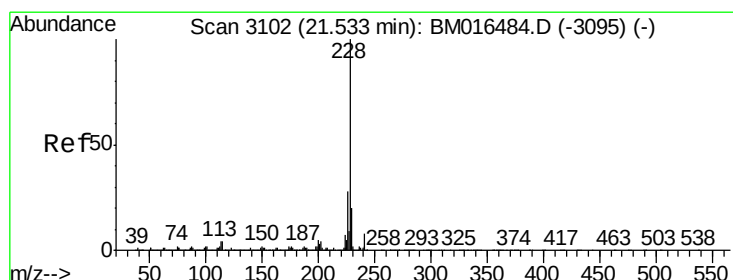
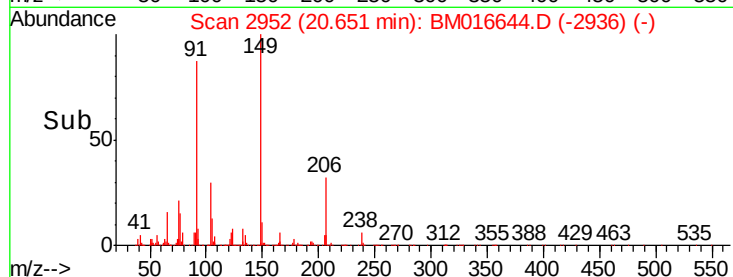
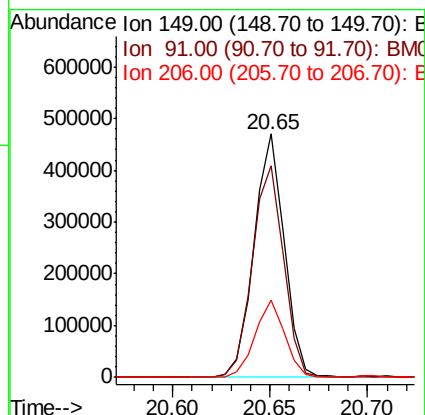
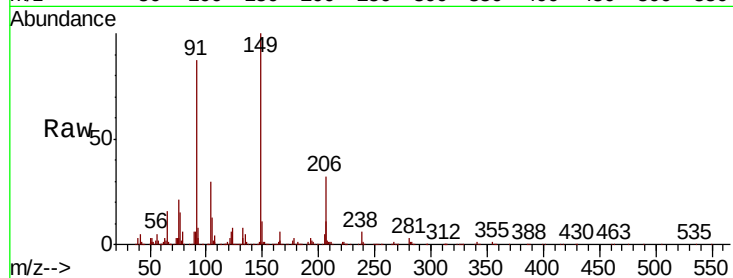




#79
Butylbenzylphthalate
Concen: 32.465 ng
RT: 20.65 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

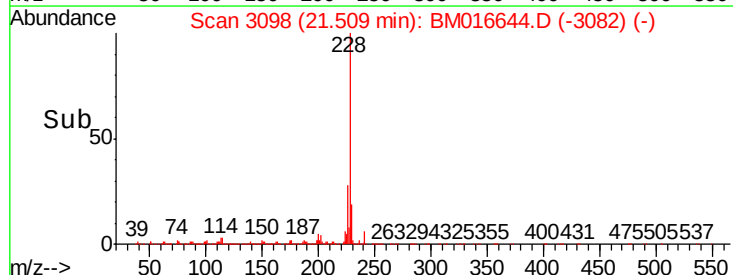
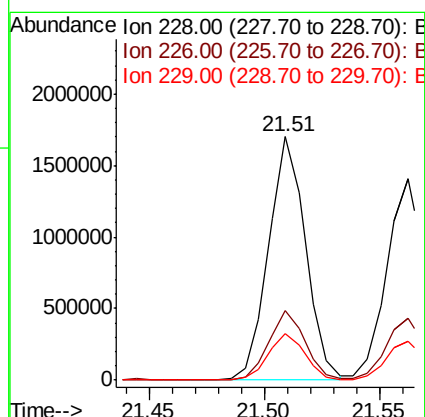
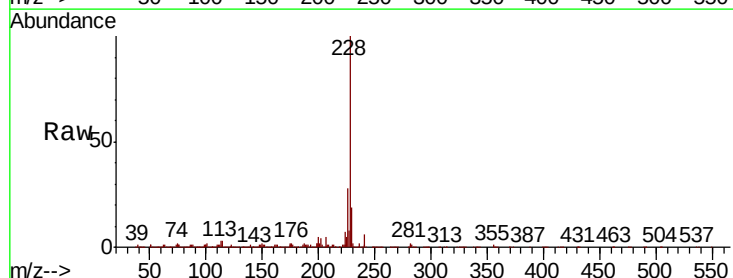
Instrument :
BNA_M
ClientSampleId :

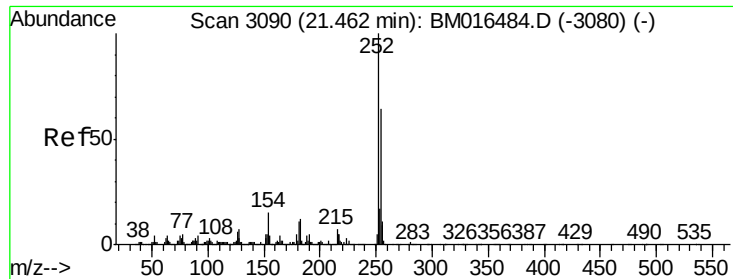
Tot Ion	Ratio	Lower	Upper
149	100		
91	87.1	50.1	75.1#
206	31.8	16.2	24.2#



#80
Benzo(a)anthracene
Concen: 38.953 ng
RT: 21.51 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.7	32.5
229	19.0	16.0	24.0

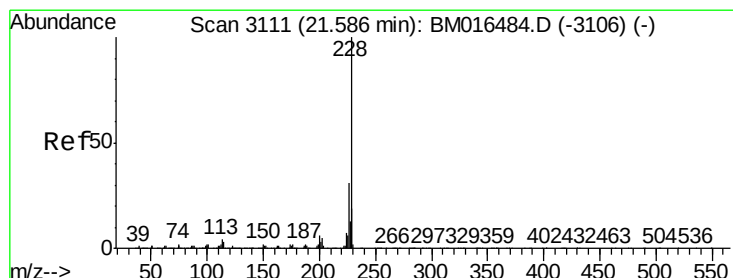
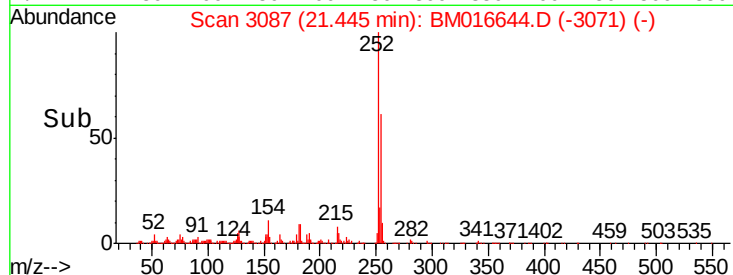
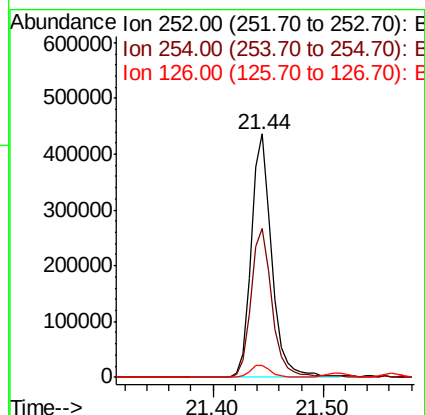
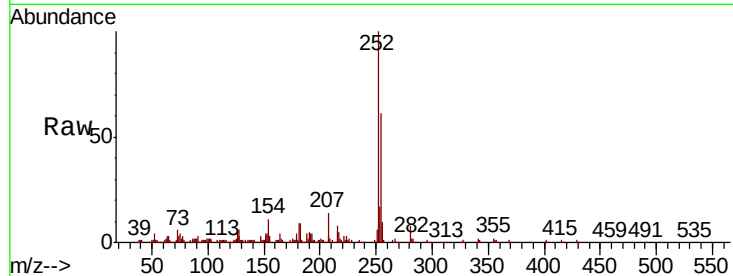




#81
 3,3'-Dichlorobenzidine
 Concen: 26.299 ng
 RT: 21.44 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

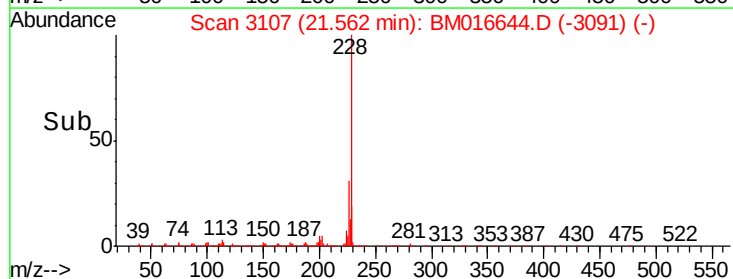
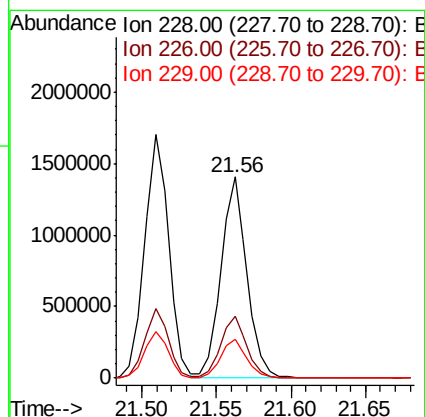
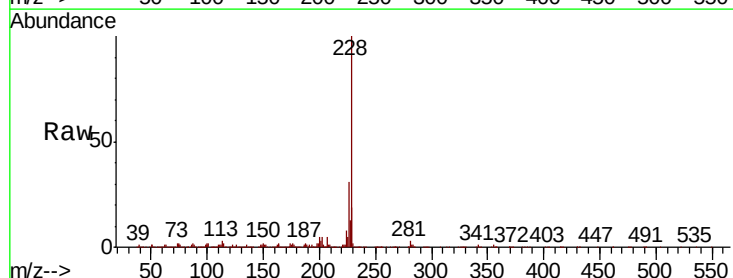
Instrument :
 BNA_M
 ClientSampled :

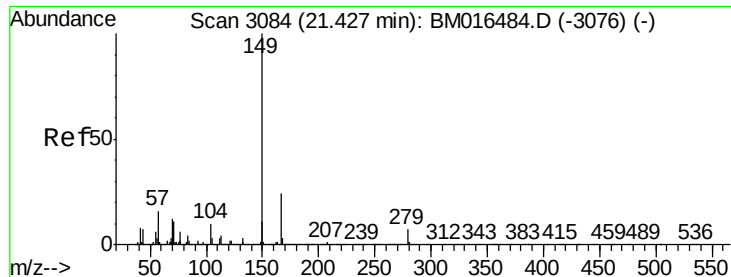
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.4	51.9	77.9
126	5.0	9.8	14.8



#82
 Chrysene
 Concen: 37.008 ng
 RT: 21.56 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	19.1	15.5	23.3

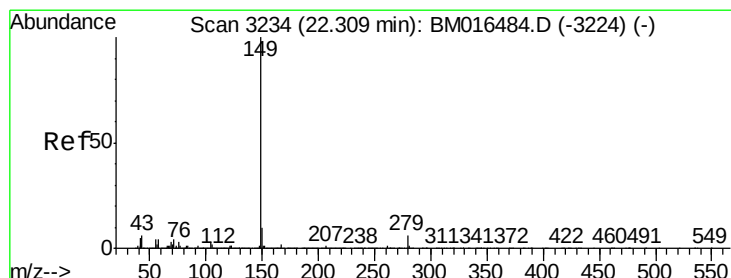
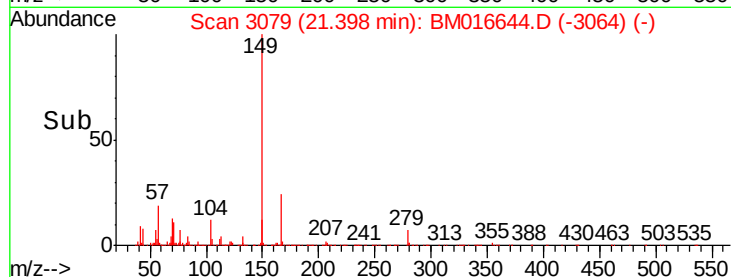
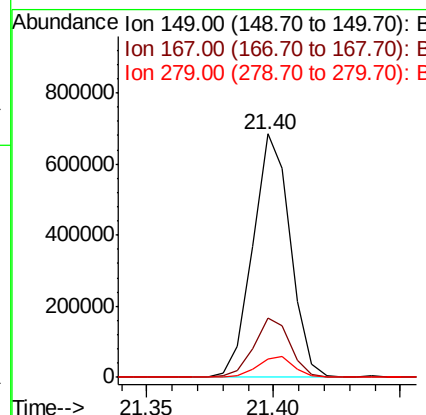
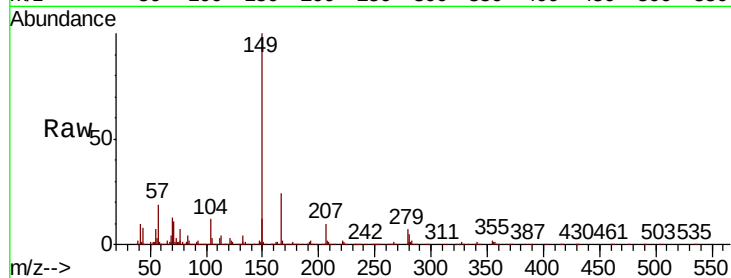




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.516 ng
 RT: 21.40 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

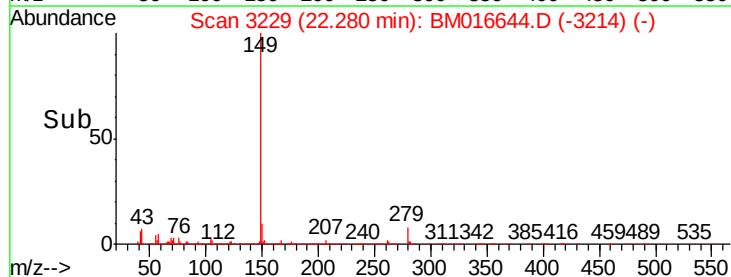
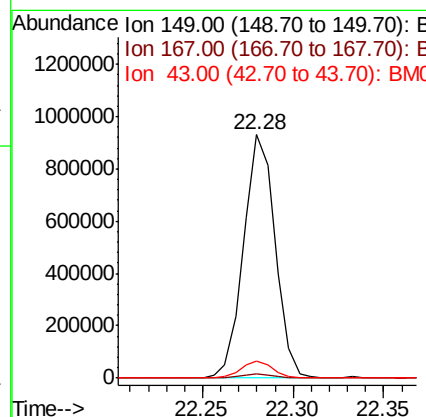
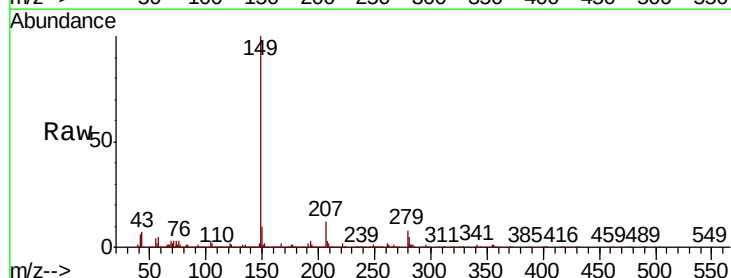
Instrument :
 BNA_M
 ClientSampleId :

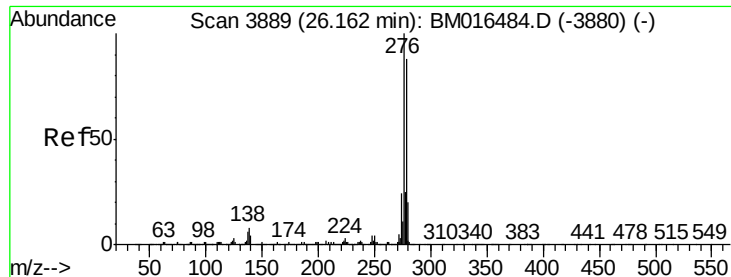
Tot Ion:149 Resp: 701843
 Ion Ratio Lower Upper
 149 100
 167 24.2 22.4 33.6
 279 7.3 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 29.238 ng
 RT: 22.28 min Scan# 3229
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion:149 Resp: 1117488
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.2 1.8#
 43 6.9 7.3 10.9#

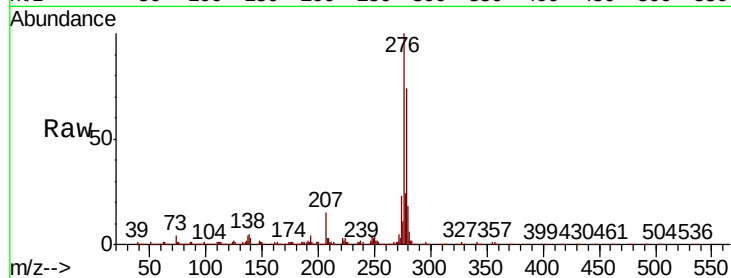




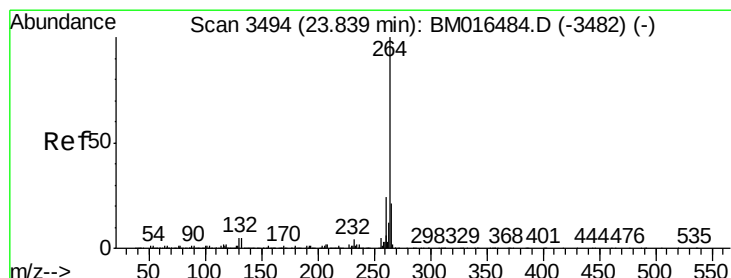
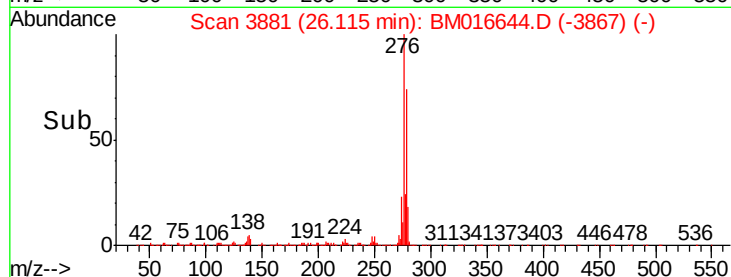
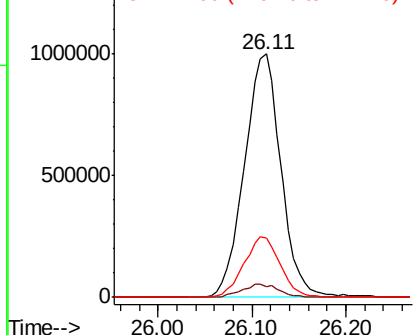
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.305 ng
 RT: 26.11 min Scan# 3881
 Delta R.T. -0.02 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 2681546
 Ion Ratio Lower Upper
 276 100
 138 5.7 12.0 18.0#
 277 24.9 20.0 30.0

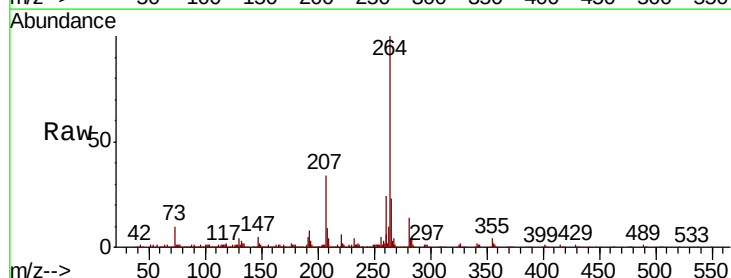


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

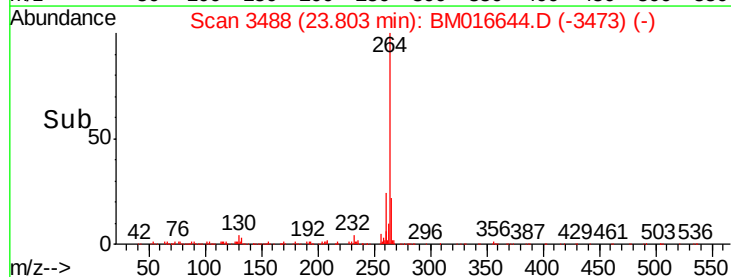
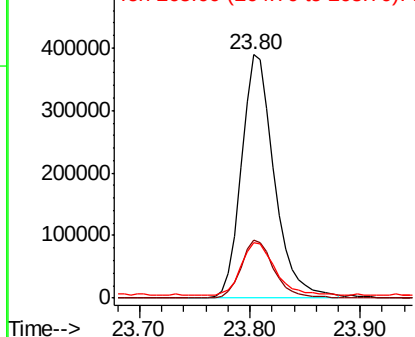


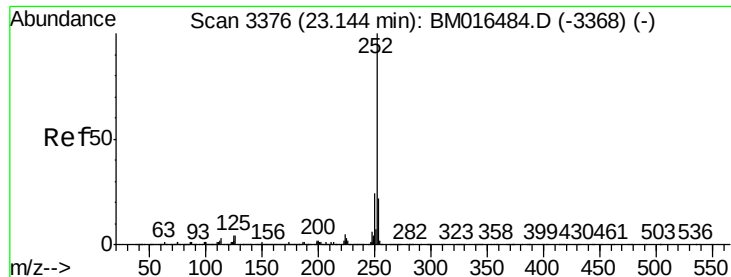
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.80 min Scan# 3488
 Delta R.T. -0.01 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Tgt Ion:264 Resp: 815821
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 22.9 17.3 25.9



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

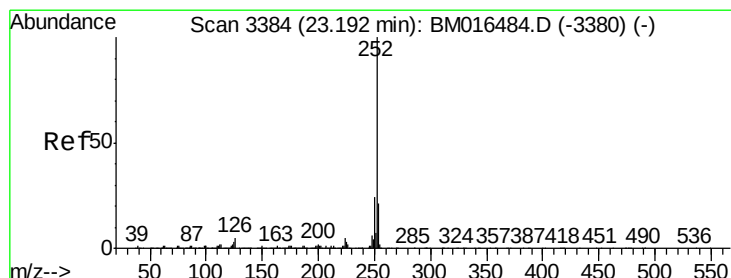
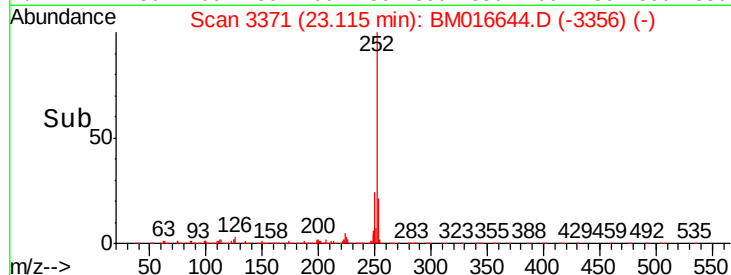
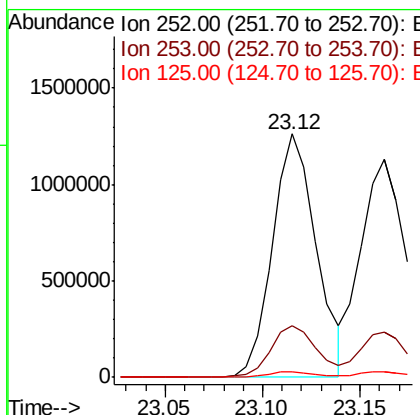
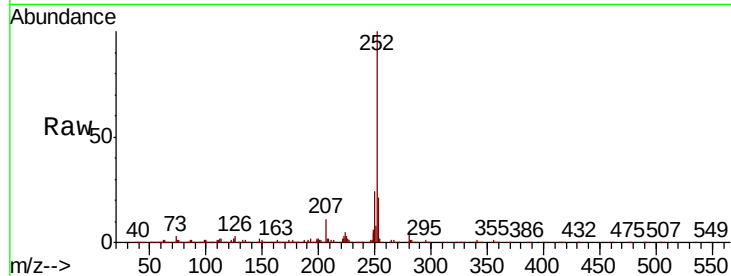




#87
Benzo(b)fluoranthene
Concen: 41.746 ng
RT: 23.12 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

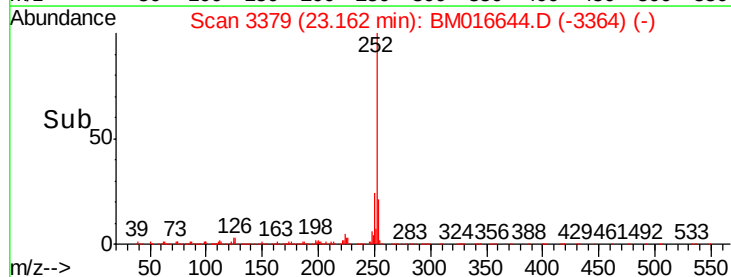
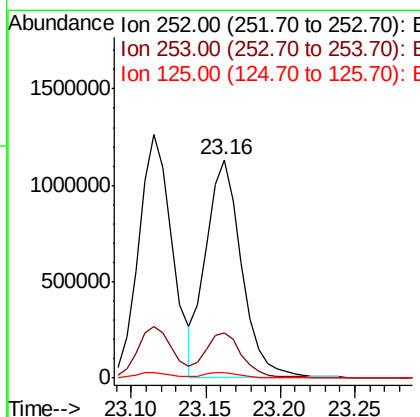
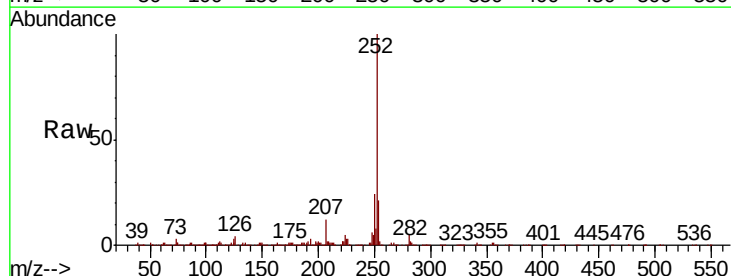
Instrument :
BNA_M
ClientSampleId :

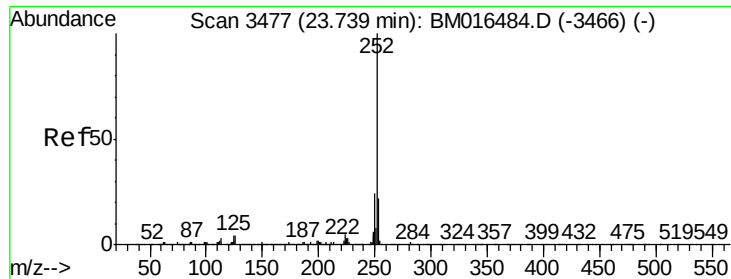
Tot Ion:252 Resp: 1963243
Ion Ratio Lower Upper
252 100
253 21.1 18.0 27.0
125 2.3 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 39.351 ng
RT: 23.16 min Scan# 3379
Delta R.T. -0.01 min
Lab File: BM016644.D
Acq: 04 Sep 2018 13:54

Tgt Ion:252 Resp: 1882948
Ion Ratio Lower Upper
252 100
253 20.9 17.2 25.8
125 2.6 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 40.781 ng

RT: 23.70 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

Instrument :

BNA_M

ClientSampled :

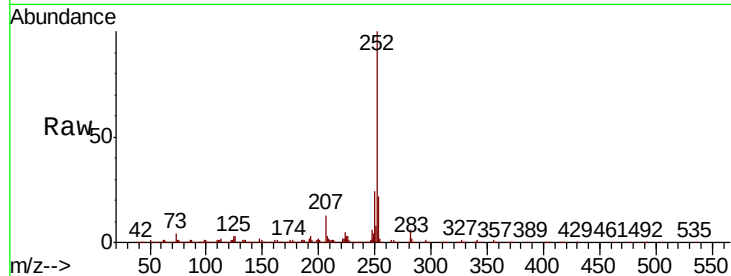
Tot Ion:252 Resp: 1866082

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

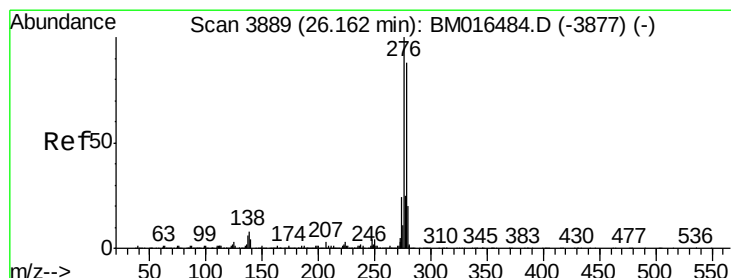
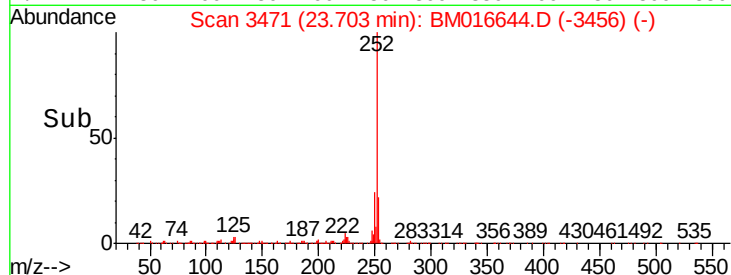
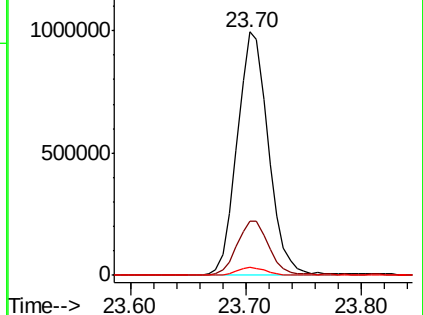
125 3.4 7.4 11.2#



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



#90

Dibenzo(a,h)anthracene

Concen: 44.056 ng

RT: 26.11 min Scan# 3880

Delta R.T. -0.02 min

Lab File: BM016644.D

Acq: 04 Sep 2018 13:54

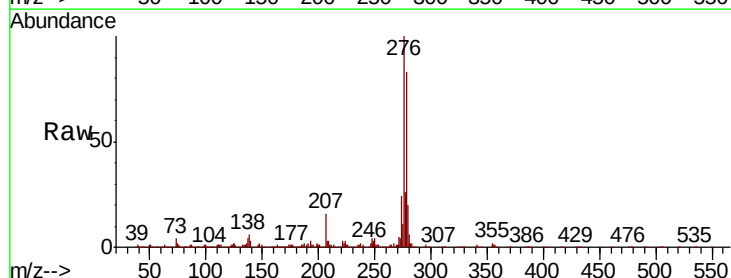
Tgt Ion:278 Resp: 2259317

Ion Ratio Lower Upper

278 100

139 3.4 13.4 20.0#

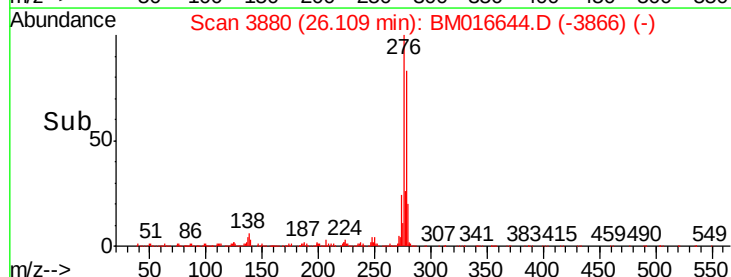
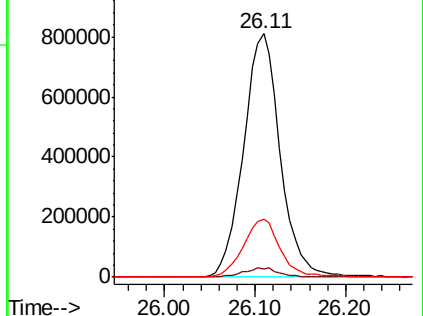
279 24.1 19.0 28.4

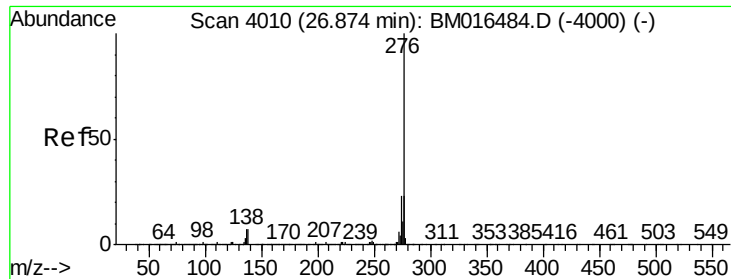


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 45.628 ng
 RT: 26.82 min Scan# 4001
 Delta R.T. -0.02 min
 Lab File: BM016644.D
 Acq: 04 Sep 2018 13:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 2100443
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.5 27.7
 138 4.5 19.0 28.6#

