

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
 Data File : BM016641.D
 Acq On : 31 Aug 2018 17:49
 Operator : SJ/JU
 Sample : PB112537BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BSD

Quant Time: Sep 01 00:33:25 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	8.00	152	81047	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	338950	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	258512	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	799798	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1077393	20.00	ng	0.00
86) Perylene-d12	23.81	264	1016801	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	458840	110.94	ng	0.00
7) Phenol-d6	7.18	99	550574	100.60	ng	0.00
23) Nitrobenzene-d5	9.19	82	539474	72.67	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	794092	109.89	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1888757	70.23	ng	0.00
78) Terphenyl-d14	19.97	244	4410281	86.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	88882	38.899	ng	# 100
3) Pyridine	3.80	79	163008	34.289	ng	# 79
4) n-Nitrosodimethylamine	3.72	42	120303	56.803	ng	# 53
6) Aniline	7.33	93	214500	35.024	ng	# 86
8) 2-Chlorophenol	7.56	128	218225	44.342	ng	# 97
9) Benzaldehyde	7.16	77	137593	36.226	ng	# 73
10) Phenol	7.21	94	225870	41.731	ng	# 87
11) bis(2-Chloroethyl)ether	7.43	93	158638	39.086	ng	# 94
12) 1,3-Dichlorobenzene	7.88	146	256434	39.301	ng	# 88
13) 1,4-Dichlorobenzene	8.03	146	255771	38.196	ng	# 95
14) 1,2-Dichlorobenzene	8.35	146	264139	40.151	ng	# 94
15) Benzyl Alcohol	8.26	79	226794	44.623	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	8.52	45	116461	41.672	ng	# 36
17) 2-Methylphenol	8.46	107	171239	43.690	ng	# 72
18) Hexachloroethane	9.05	117	156473	50.723	ng	# 59
19) n-Nitroso-di-n-propylamine	8.82	70	182362	42.499	ng	# 88
20) 3+4-Methylphenols	8.79	107	229334	42.319	ng	# 78
22) Acetophenone	8.85	105	344670	42.229	ng	# 98
24) Nitrobenzene	9.23	77	314188	42.359	ng	# 89
25) Isophorone	9.75	82	484783	48.861	ng	# 93
26) 2-Nitrophenol	9.94	139	125742	39.655	ng	# 43
27) 2,4-Dimethylphenol	9.99	122	200040	48.409	ng	# 77
28) bis(2-Chloroethoxy)methane	10.22	93	253485	42.800	ng	# 97
29) 2,4-Dichlorophenol	10.47	162	276742	44.747	ng	# 94
30) 1,2,4-Trichlorobenzene	10.66	180	449043	47.850	ng	# 95
31) Naphthalene	10.85	128	708957	43.901	ng	# 96
32) Benzoic acid	10.21	122	112030	32.402	ng	# 72
33) 4-Chloroaniline	10.99	127	156682	23.054	ng	# 84
34) Hexachlorobutadiene	11.10	225	499571	55.774	ng	# 94
35) Caprolactam	11.82	113	50858	34.270	ng	# 50
36) 4-Chloro-3-methylphenol	12.12	107	247826	41.682	ng	# 85
37) 2-Methylnaphthalene	12.46	142	607268	48.035	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	760341	52.078	ng	# 100
40) Hexachlorocyclopentadiene	12.78	237	1014664	125.553	ng	# 99

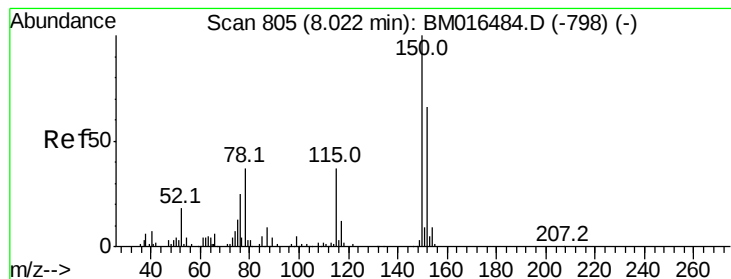
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	419626	48.063	nq	92
43) 2,4,5-Trichlorophenol	13.17	196	393601	46.152	nq #	94
45) 1,1'-Biphenyl	13.47	154	863647	38.100	nq	99
46) 2-Chloronaphthalene	13.52	162	703521	38.202	nq #	92
47) 2-Nitroaniline	13.76	65	182347	37.174	nq #	84
48) Acenaphthylene	14.37	152	1060933	40.812	nq	99
49) Dimethylphthalate	14.10	163	1001488	40.324	nq #	98
50) 2,6-Dinitrotoluene	14.25	165	188115	38.833	nq #	64
51) Acenaphthene	14.70	154	628958	39.383	nq	95
52) 3-Nitroaniline	14.59	138	104702	23.754	nq #	63
53) 2,4-Dinitrophenol	14.82	184	189666	78.237	nq #	65
54) Dibenzofuran	15.04	168	1270718	41.564	nq	93
55) 4-Nitrophenol	14.91	139	167793	59.684	nq #	77
56) 2,4-Dinitrotoluene	15.04	165	305354	37.801	nq #	88
57) Fluorene	15.69	166	1023165	44.302	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	431716	52.669	nq #	100
59) Diethylphthalate	15.46	149	994966	38.422	nq	94
60) 4-Chlorophenyl-phenylether	15.67	204	930071	48.021	nq #	83
61) 4-Nitroaniline	15.76	138	121415	28.185	nq #	1
62) Azobenzene	15.97	77	1279278	46.380	nq	90
64) 4,6-Dinitro-2-methylphenol	15.82	198	219832	36.174	nq #	58
65) n-Nitrosodiphenylamine	15.90	169	885212	39.343	nq	97
66) 4-Bromophenyl-phenylether	16.57	248	590702	48.067	nq	94
67) Hexachlorobenzene	16.69	284	642115	44.804	nq	94
68) Atrazine	16.85	200	540682	52.655	nq	92
69) Pentachlorophenol	17.04	266	569007	75.038	nq	98
70) Phenanthrene	17.43	178	1757250	42.509	nq	99
71) Anthracene	17.52	178	1780408	43.373	nq	99
72) Carbazole	17.80	167	1197232	32.455	nq	98
73) Di-n-butylphthalate	18.32	149	1662544	36.967	nq #	97
74) Fluoranthene	19.43	202	2607508	43.021	nq	94
76) Benzidine	19.62	184	924748	44.632	nq	98
77) Pyrene	19.79	202	2667237	45.553	nq	99
79) Butylbenzylphthalate	20.65	149	770039	38.100	nq #	65
80) Benzo(a)anthracene	21.51	228	2827817	44.644	nq	99
81) 3,3'-Dichlorobenzidine	21.44	252	702079	24.901	nq #	96
82) Chrysene	21.56	228	2535174	41.948	nq	99
83) Bis(2-ethylhexyl)phthalate	21.40	149	1102878	36.707	nq #	93
84) Di-n-octyl phthalate	22.29	149	1804569	36.142	nq #	94
85) Indeno(1,2,3-cd)pyrene	26.12	276	3104365	35.718	nq #	91
87) Benzo(b)fluoranthene	23.12	252	2884135	49.206	nq #	90
88) Benzo(k)fluoranthene	23.16	252	2591659	43.456	nq #	92
89) Benzo(a)pyrene	23.71	252	2602283	45.629	nq #	94
90) Dibenzo(a,h)anthracene	26.11	278	2604878	40.754	nq #	87
91) Benzo(g,h,i)perylene	26.83	276	2406054	41.936	nq #	81

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

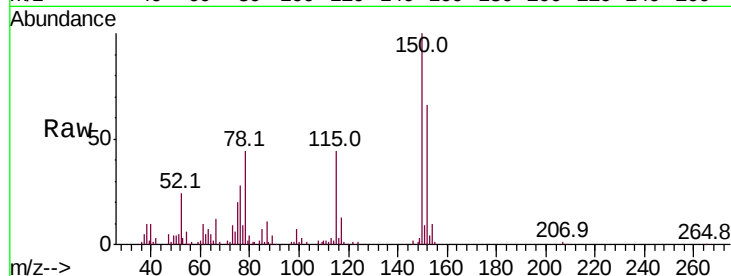


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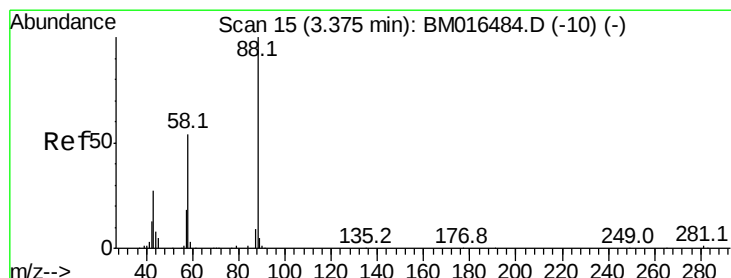
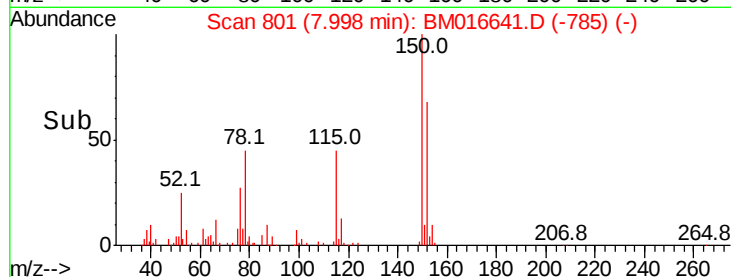
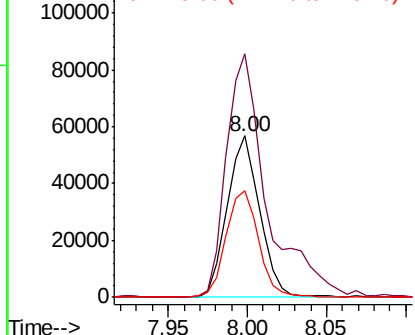
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Instrument :
BNA_M
ClientSampleId :
PB112537BSD

Tot Ion:152 Resp: 81047
Ion Ratio Lower Upper
152 100
150 151.0 119.5 179.3
115 65.9 43.0 64.4#



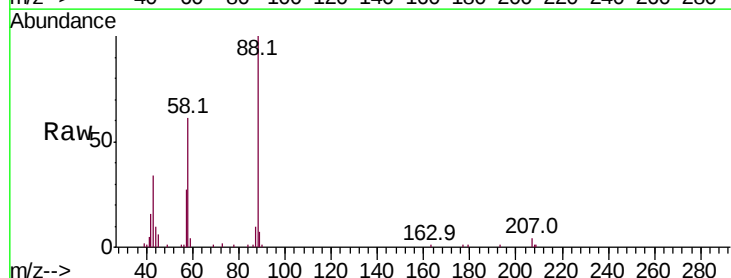
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



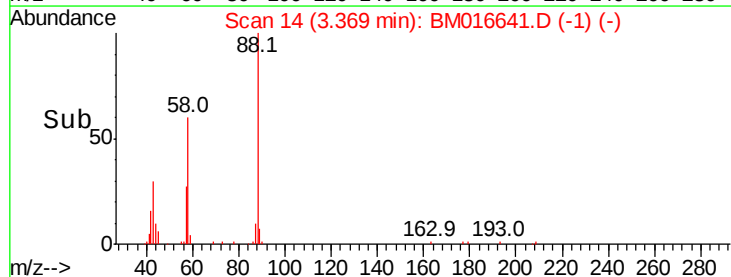
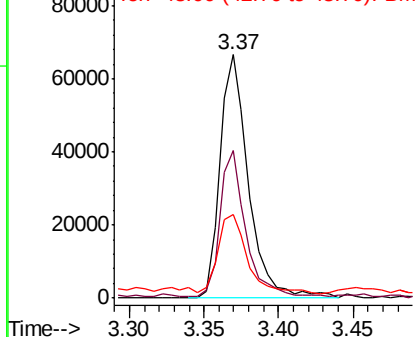
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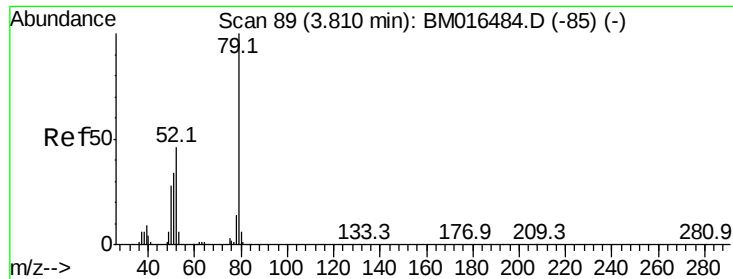
1,4-Dioxane
Concen: 38.899 ng
RT: 3.37 min Scan# 14
Delta R.T. -0.00 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion: 88 Resp: 88882
Ion Ratio Lower Upper
88 100
58 53.2 0.0 0.0#
43 34.0 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: 34.289 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.00 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

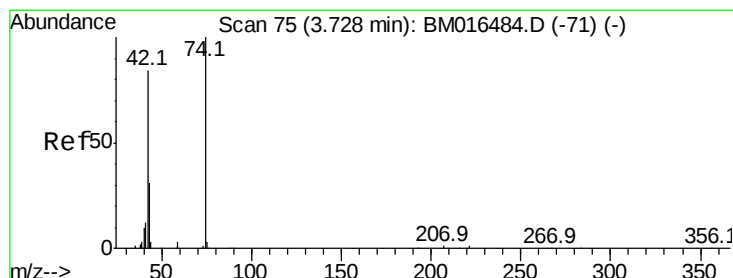
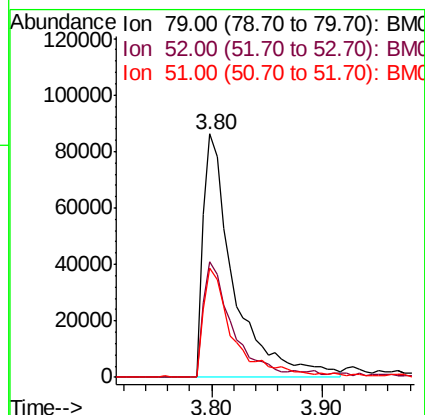
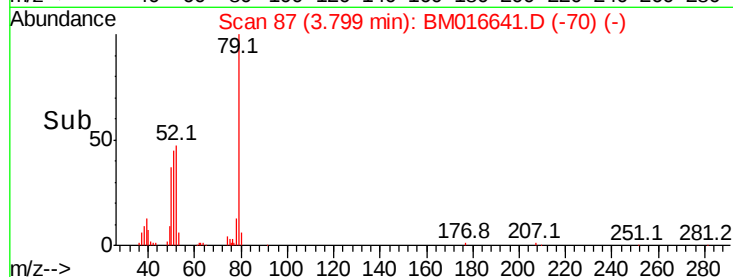
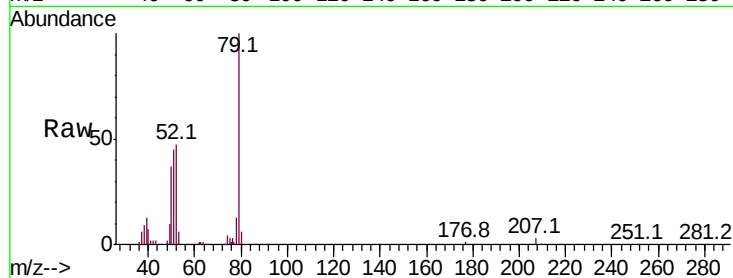
Tot Ion: 79 Resp: 163008

Ion Ratio Lower Upper

79 100

52 47.3 51.1 76.7#

51 44.6 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 56.803 ng

RT: 3.72 min Scan# 73

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

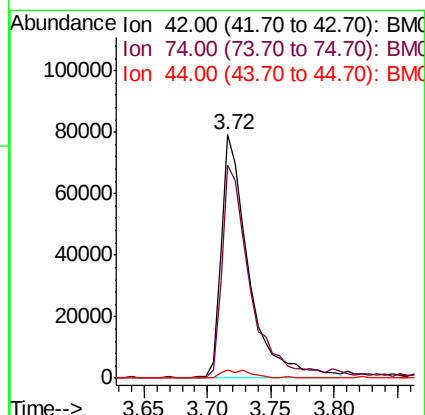
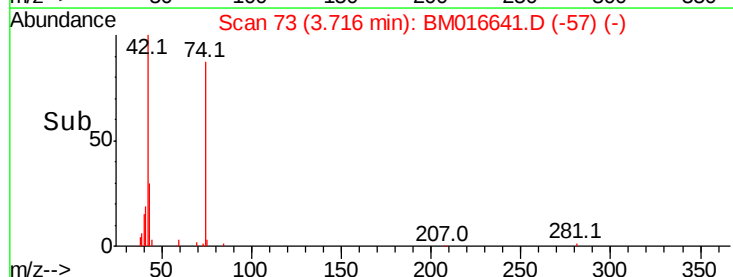
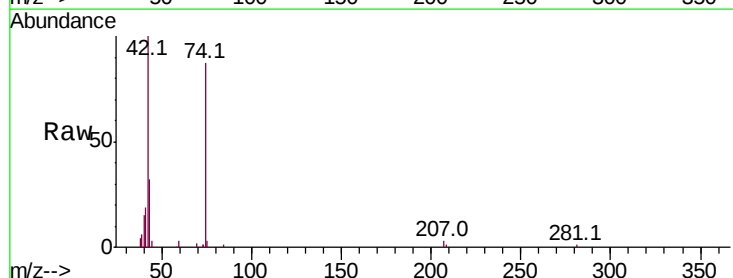
Tgt Ion: 42 Resp: 120303

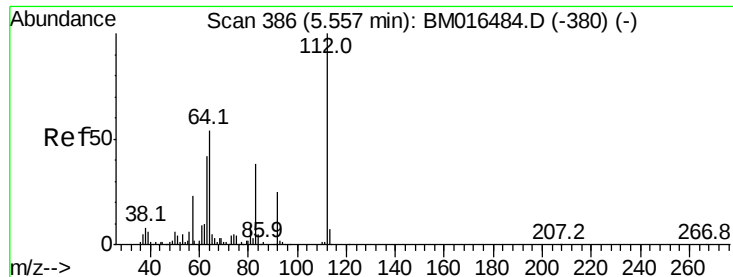
Ion Ratio Lower Upper

42 100

74 87.3 119.3 178.9#

44 3.3 5.4 8.2#





#5

2-Fluorophenol

Concen: 110.940 ng

RT: 5.54 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

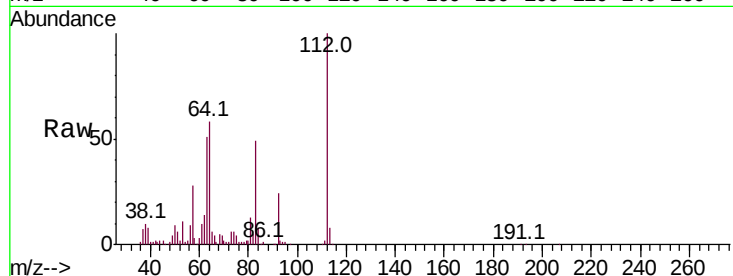
Tot Ion:112 Resp: 458840

Ion Ratio Lower Upper

112 100

64 58.5 38.6 57.8#

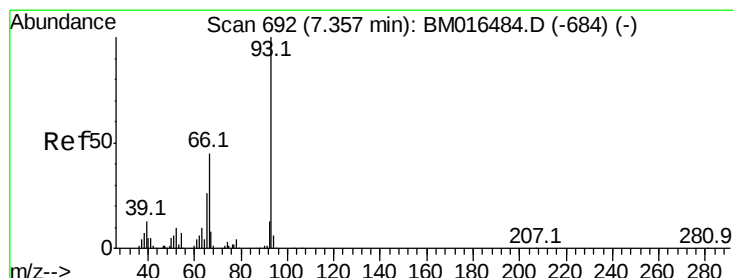
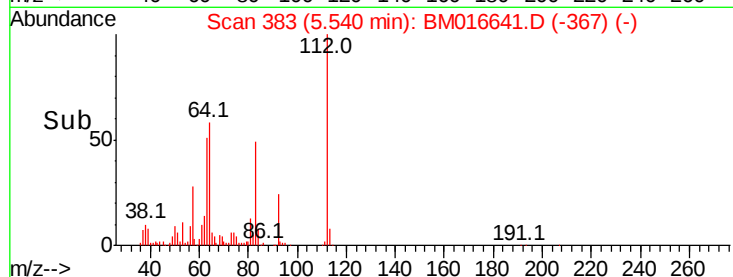
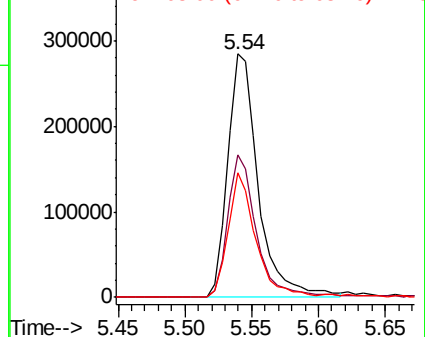
63 51.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 35.024 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

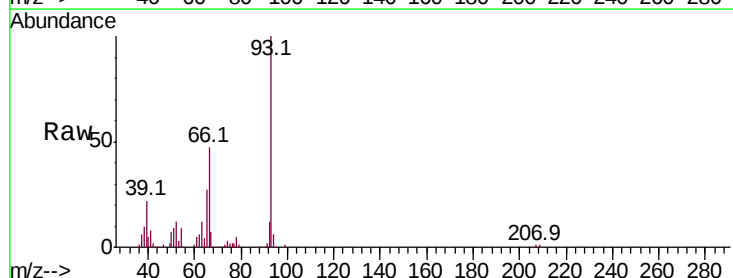
Tgt Ion: 93 Resp: 214500

Ion Ratio Lower Upper

93 100

66 47.3 30.8 46.2#

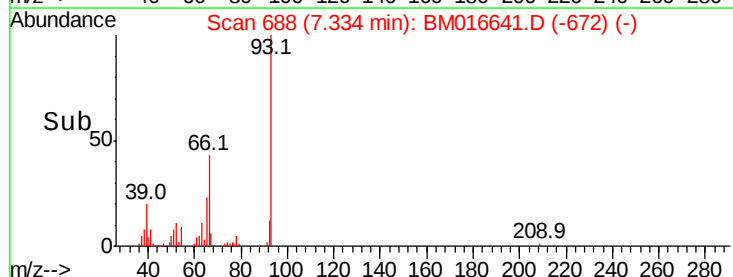
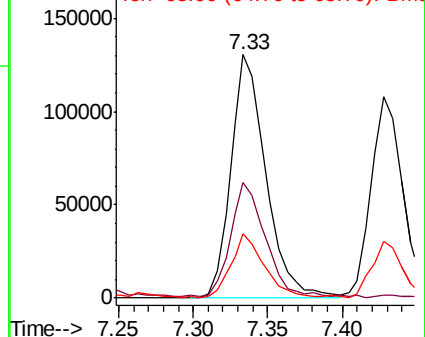
65 26.5 16.0 24.0#

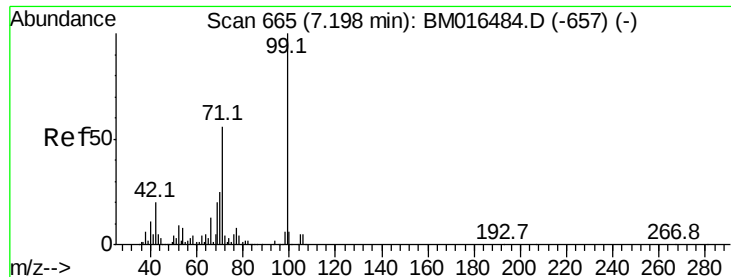


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 100.598 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

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ClientSampleId :

PB112537BSD

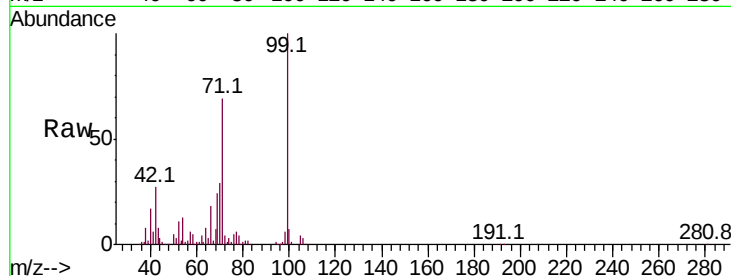
Tot Ion: 99 Resp: 550574

Ion Ratio Lower Upper

99 100

42 27.1 11.0 16.4#

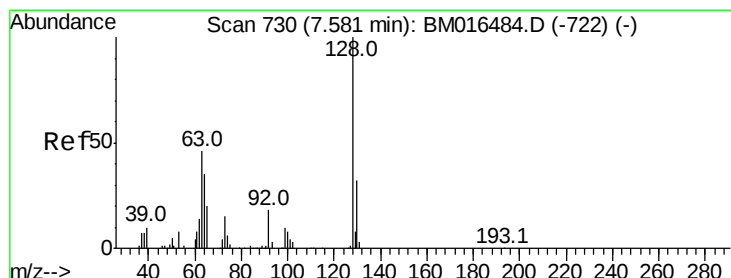
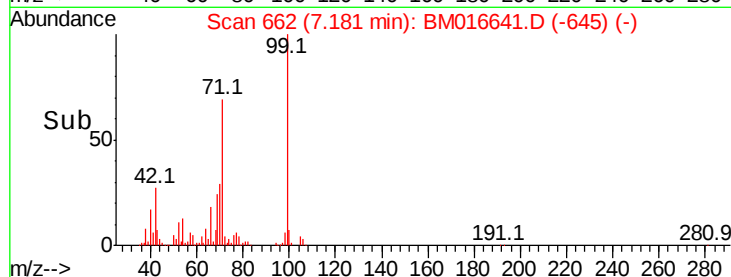
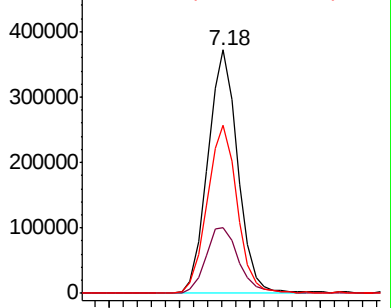
71 68.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016641.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016641.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016641.D (-657) (-)



#8

2-Chlorophenol

Concen: 44.342 ng

RT: 7.56 min Scan# 727

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

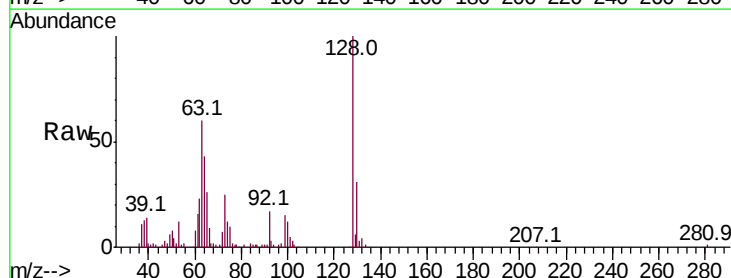
Tgt Ion: 128 Resp: 218225

Ion Ratio Lower Upper

128 100

130 30.9 12.0 52.0

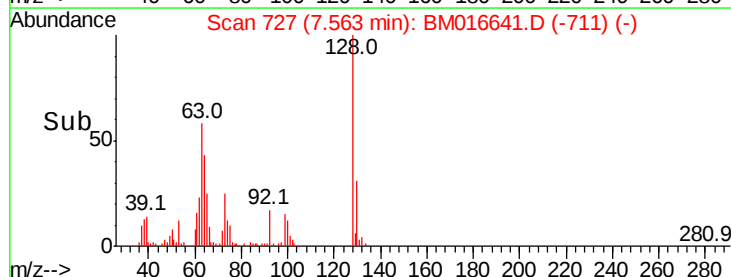
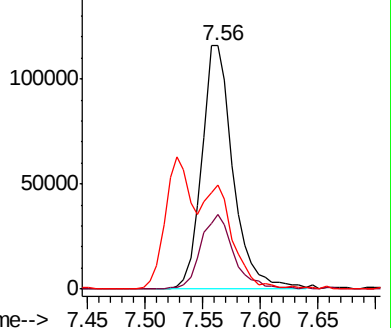
64 43.0 24.9 64.9

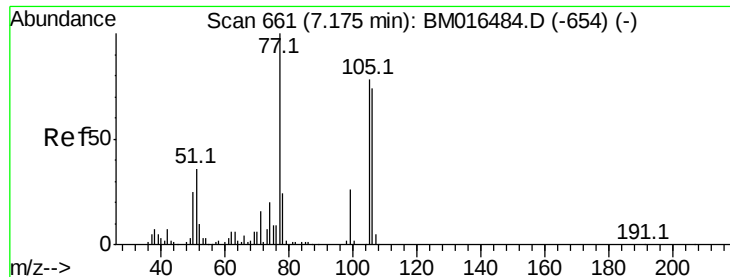


Abundance Ion 128.00 (127.70 to 128.70): BM016641.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM016641.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM016641.D (-722) (-)





#9

Benzaldehyde

Concen: 36.226 ng

RT: 7.16 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

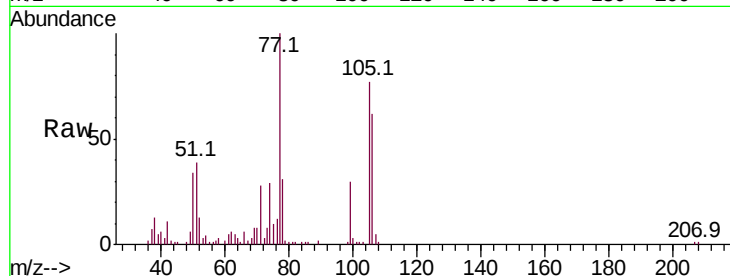
Tot Ion: 77 Resp: 137593

Ion Ratio Lower Upper

77 100

105 77.3 78.8 118.8#

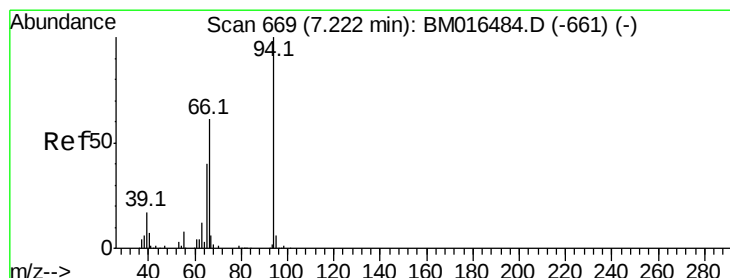
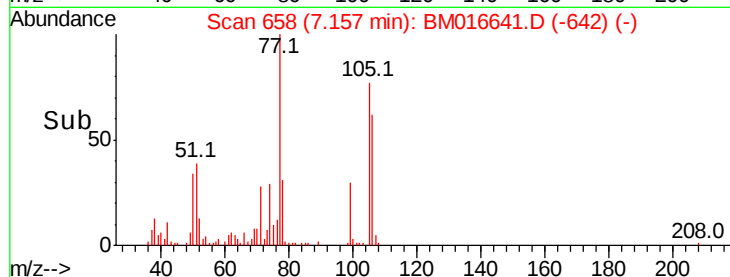
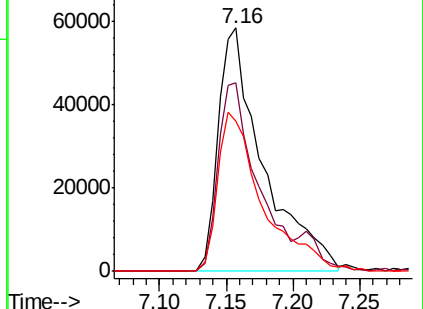
106 61.8 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016641.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM016641.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM016641.D (-654) (-)



#10

Phenol

Concen: 41.731 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

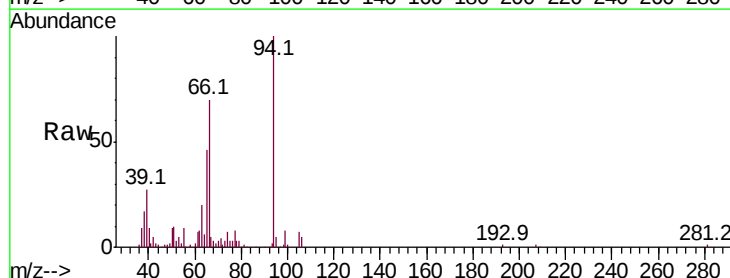
Tgt Ion: 94 Resp: 225870

Ion Ratio Lower Upper

94 100

65 45.8 18.8 58.8

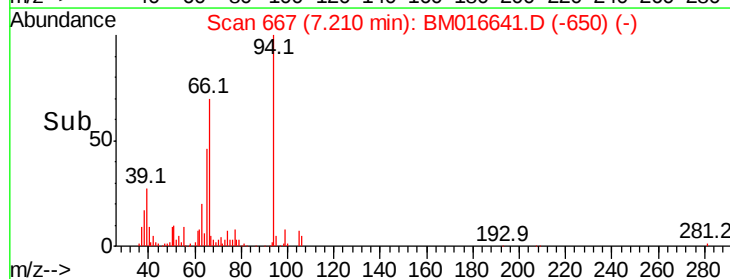
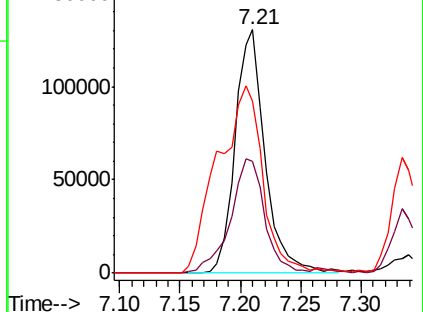
66 70.4 39.9 79.9

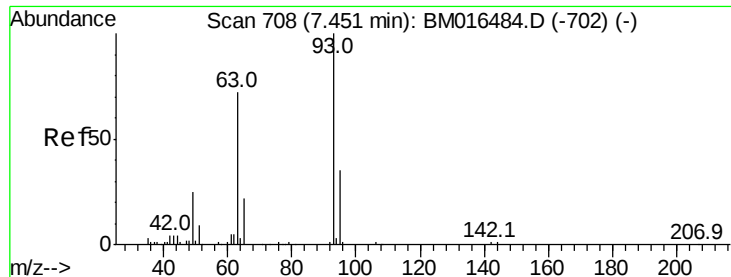


Abundance Ion 94.00 (93.70 to 94.70): BM016641.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM016641.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM016641.D (-650) (-)

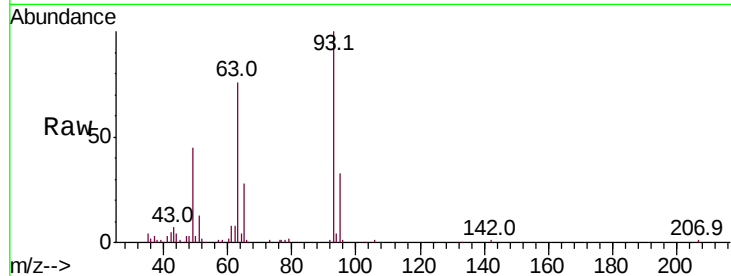




#11
bis(2-Chloroethyl)ether
Concen: 39.086 ng
RT: 7.43 min Scan# 704
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Instrument :
BNA_M
ClientSampleId :
PB112537BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	49.5	89.5
95	32.9	13.5	53.5

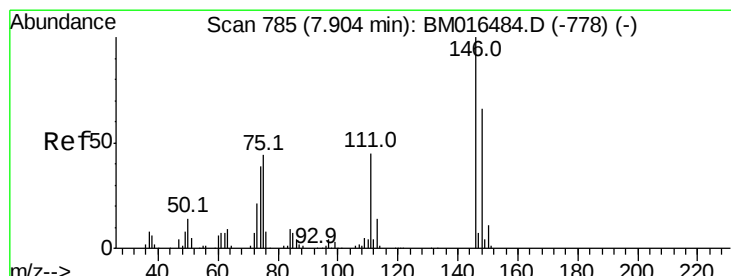
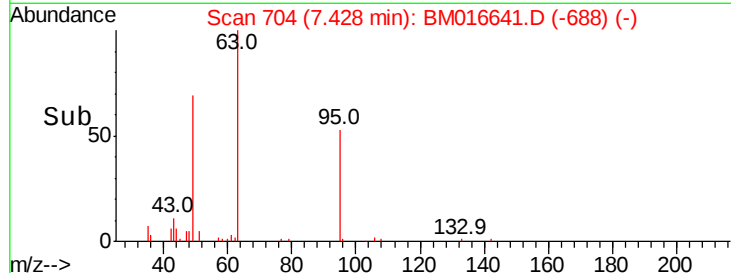
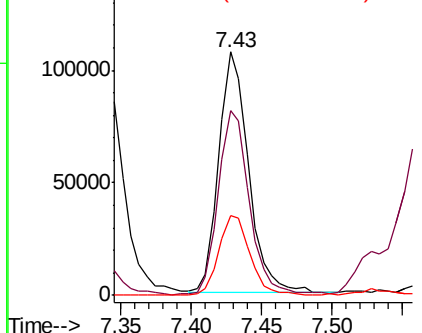


Abundance

Ion 93.00 (92.70 to 93.70): BM016484.D (-702) (-)

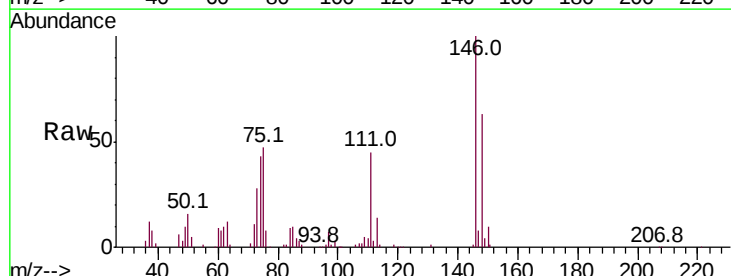
Ion 63.00 (62.70 to 63.70): BM016484.D (-702) (-)

Ion 95.00 (94.70 to 95.70): BM016484.D (-702) (-)



#12
1,3-Dichlorobenzene
Concen: 39.301 ng
RT: 7.88 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
75	46.8	21.4	32.2

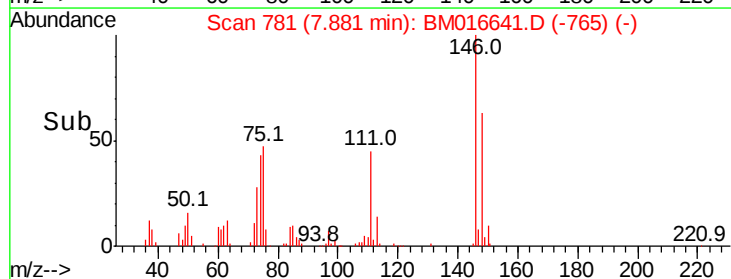
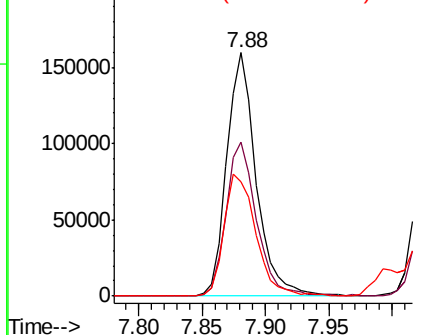


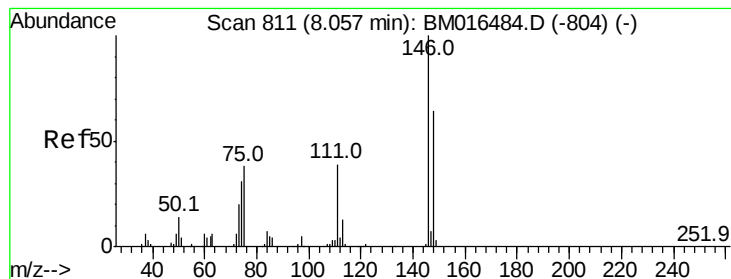
Abundance

Ion 146.00 (145.70 to 146.70): BM016484.D (-778) (-)

Ion 148.00 (147.70 to 148.70): BM016484.D (-778) (-)

Ion 75.00 (74.70 to 75.70): BM016484.D (-778) (-)





#13

1,4-Dichlorobenzene

Concen: 38.196 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

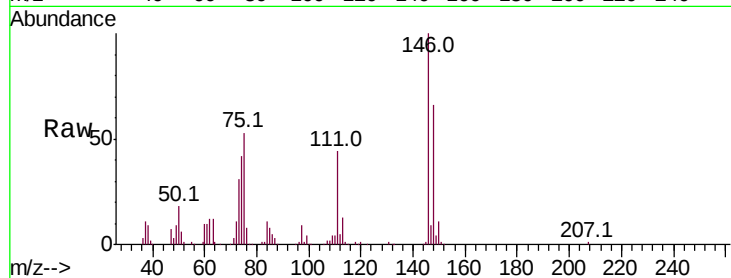
Tot Ion:146 Resp: 255771

Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

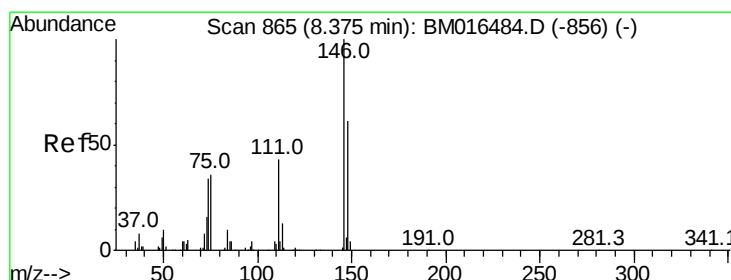
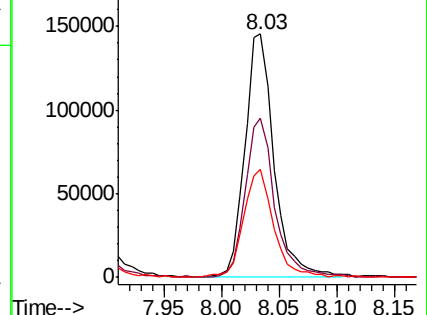
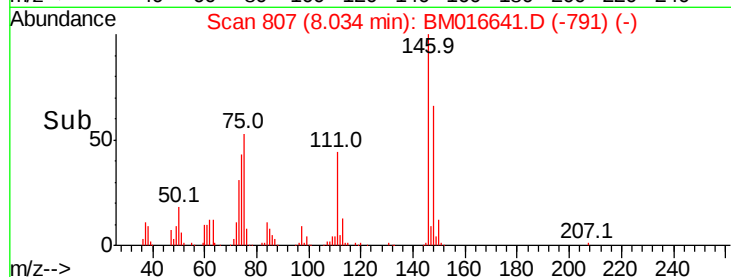
111 44.4 29.2 43.8#



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: 40.151 ng

RT: 8.35 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

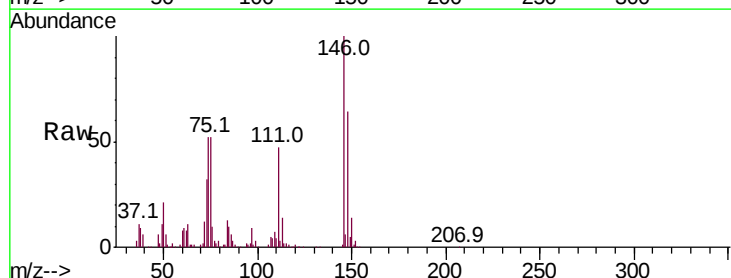
Tgt Ion:146 Resp: 264139

Ion Ratio Lower Upper

146 100

148 64.1 52.3 78.5

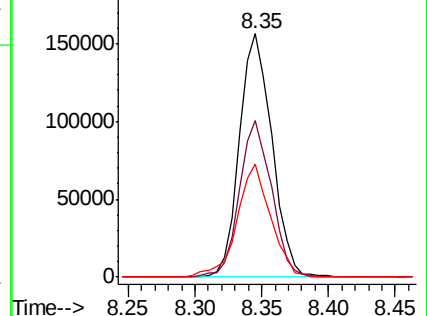
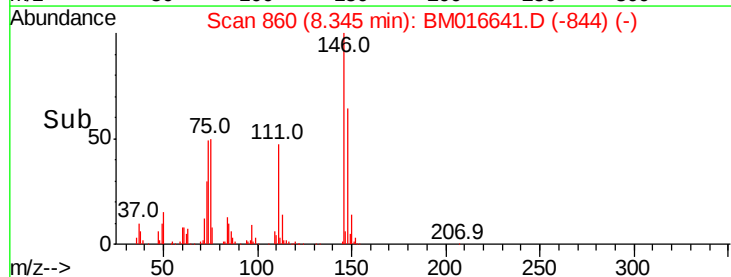
111 46.7 30.6 45.8#

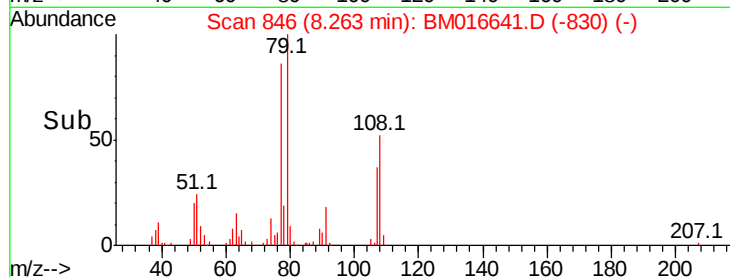
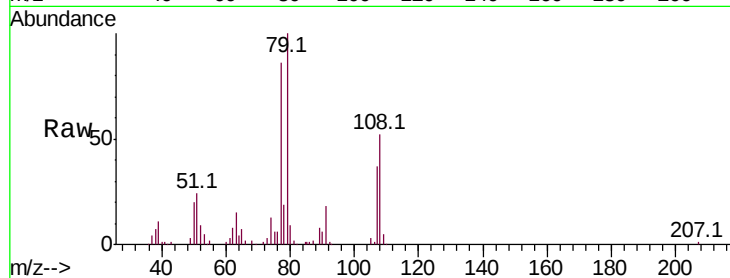
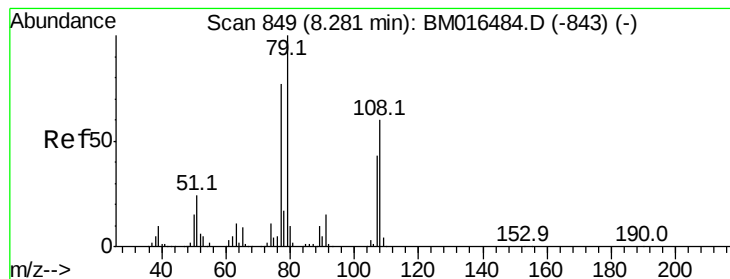


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.623 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

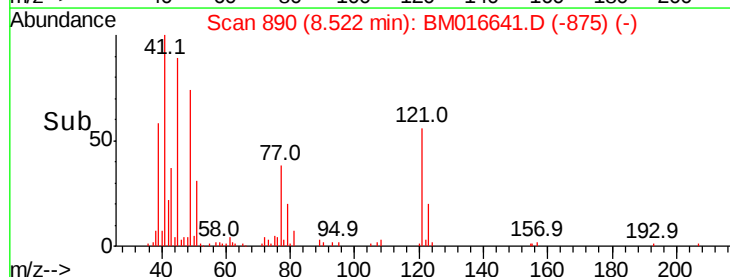
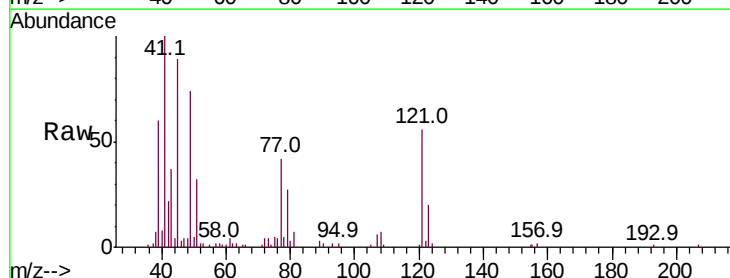
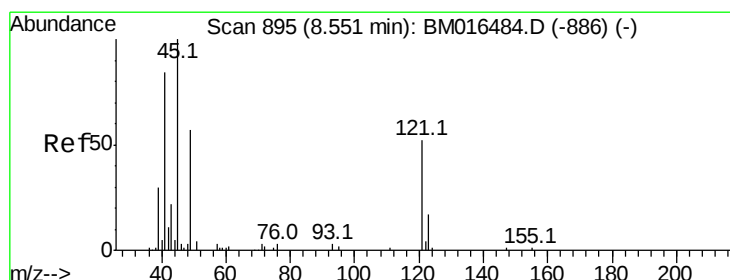
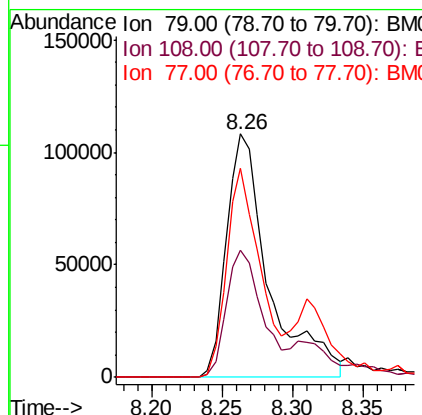
Tot Ion: 79 Resp: 226794

Ion Ratio Lower Upper

79 100

108 52.2 65.0 97.4#

77 85.7 53.0 79.6#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.672 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

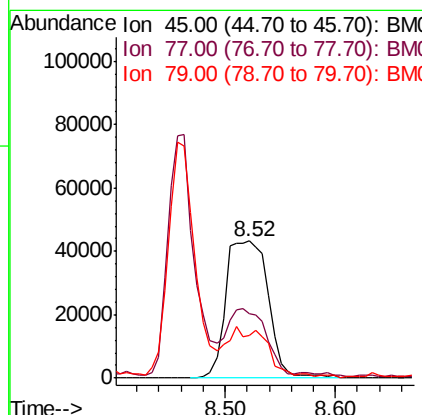
Tgt Ion: 45 Resp: 116461

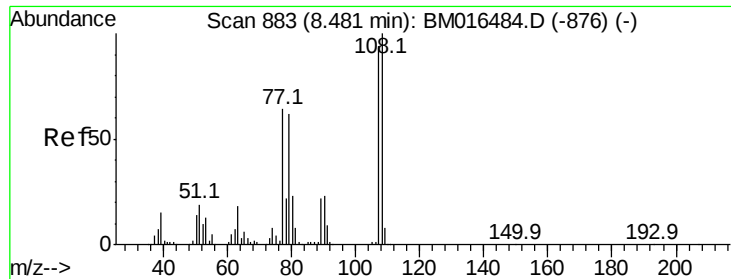
Ion Ratio Lower Upper

45 100

77 46.8 0.0 35.2#

79 30.8 0.0 32.0

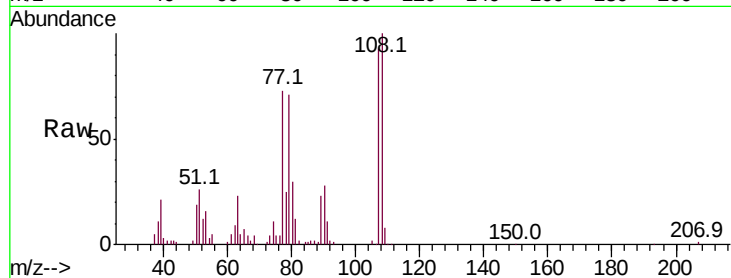




#17
2-Methylphenol
Concen: 43.690 ng
RT: 8.46 min Scan# 879
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Instrument :
BNA_M
ClientSampleId :
PB112537BSD

Tot Ion:	107	Resp:	171239
Ion	Ratio	Lower	Upper
107	100		
108	107.1	89.8	134.8
77	78.6	32.6	48.8#
79	76.5	32.8	49.2#



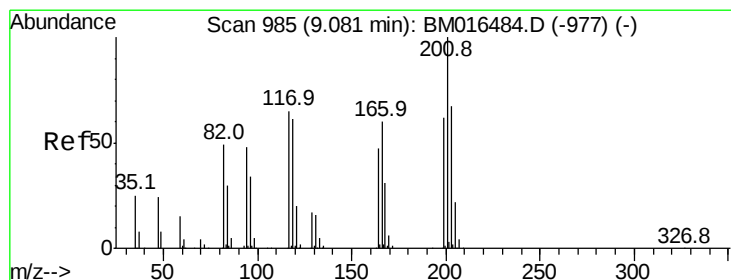
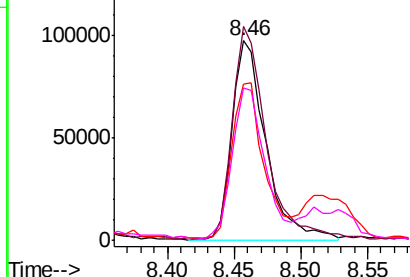
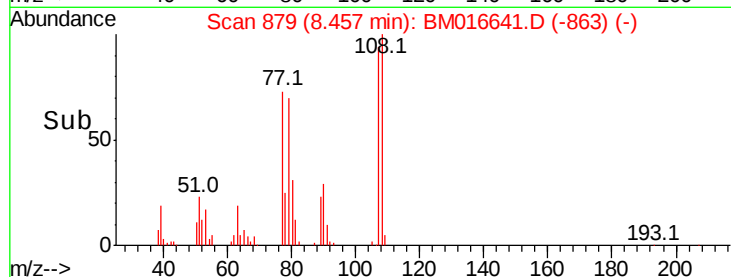
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

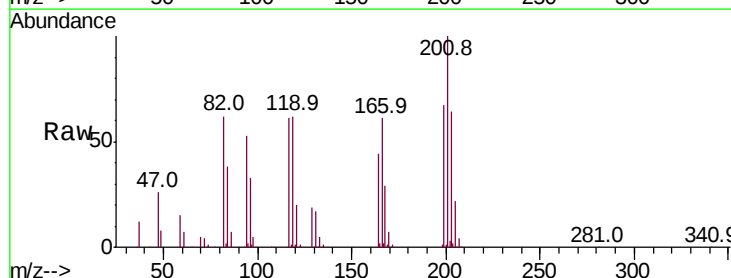
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 50.723 ng
RT: 9.05 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion:	117	Resp:	156473
Ion	Ratio	Lower	Upper
117	100		
119	102.2	79.2	118.8
201	165.0	69.8	104.6#

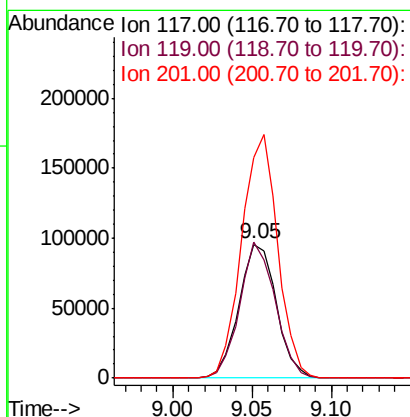
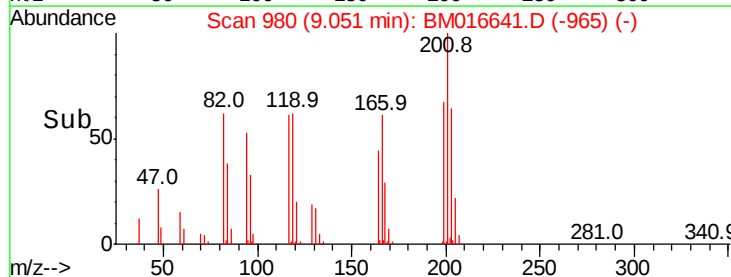


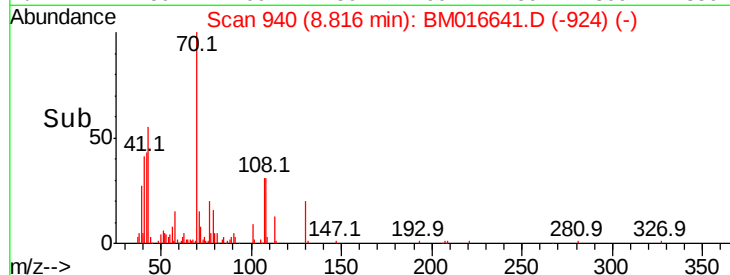
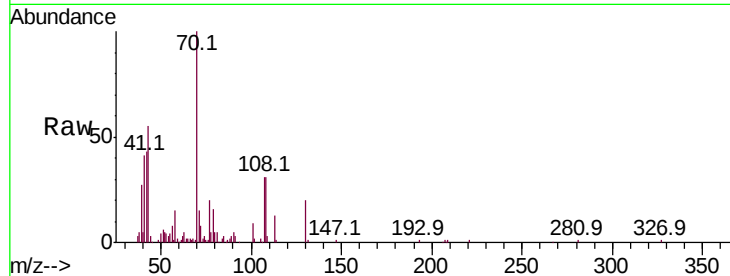
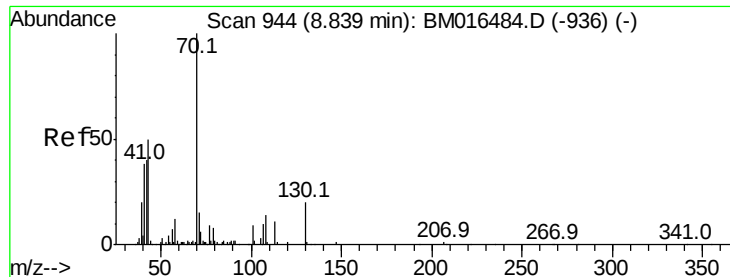
Abundance

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: 42.499 ng

RT: 8.82 min Scan# 940

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

Tot Ion: 70 Resp: 182362

Ion Ratio Lower Upper

70 100

42 43.2 44.5 66.7#

101 8.6 7.4 11.2

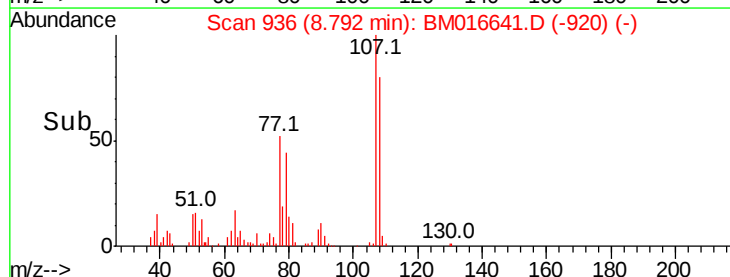
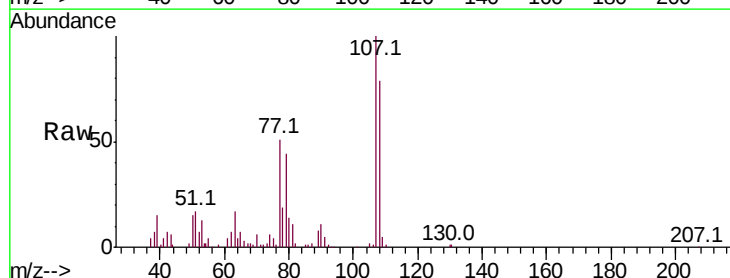
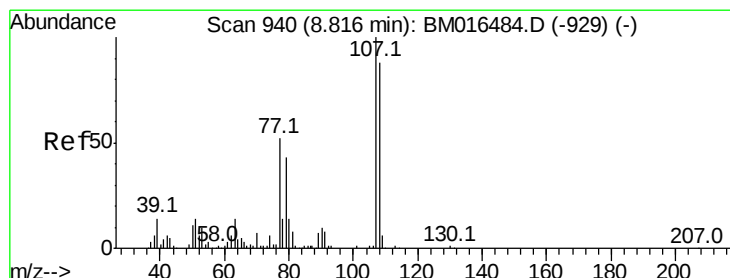
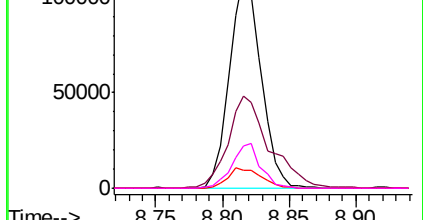
130 20.0 15.3 22.9

Abundance Ion 70.00 (69.70 to 70.70): BM016641.D (-924) (-)

Ion 42.00 (41.70 to 42.70): BM016641.D (-924) (-)

Ion 101.00 (100.70 to 101.70): BM016641.D (-924) (-)

Ion 130.00 (129.70 to 130.70): BM016641.D (-924) (-)



#20

3+4-Methylphenols

Concen: 42.319 ng

RT: 8.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Tgt Ion:107 Resp: 229334

Ion Ratio Lower Upper

107 100

108 79.3 73.2 113.2

77 51.5 10.7 50.7#

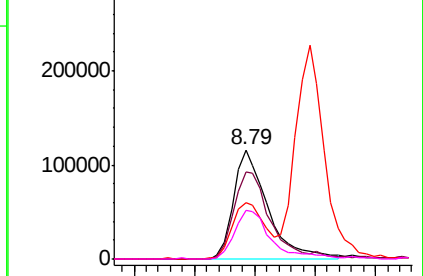
79 44.1 9.6 49.6

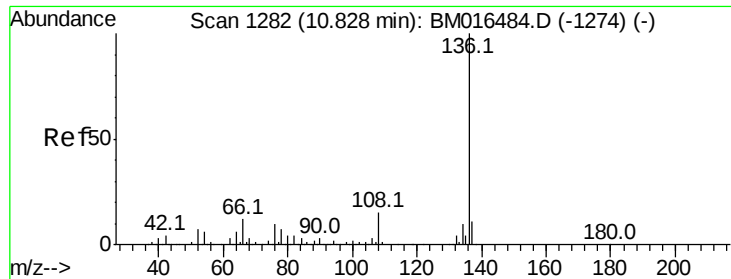
Abundance Ion 107.00 (106.70 to 107.70): BM016641.D (-920) (-)

Ion 108.00 (107.70 to 108.70): BM016641.D (-920) (-)

Ion 77.00 (76.70 to 77.70): BM016641.D (-920) (-)

Ion 79.00 (78.70 to 79.70): BM016641.D (-920) (-)

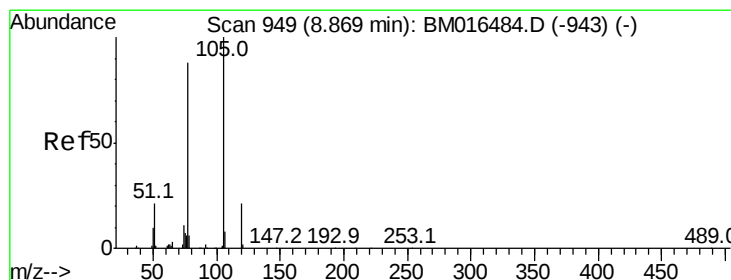
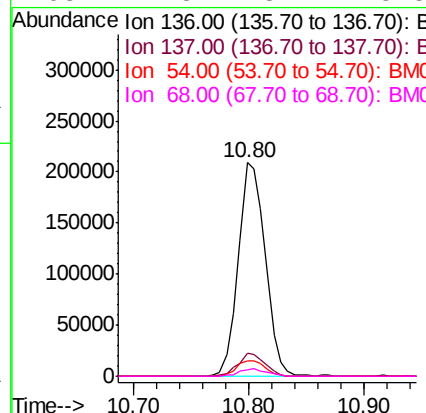
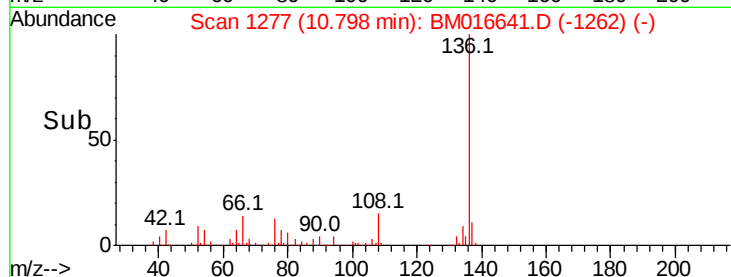
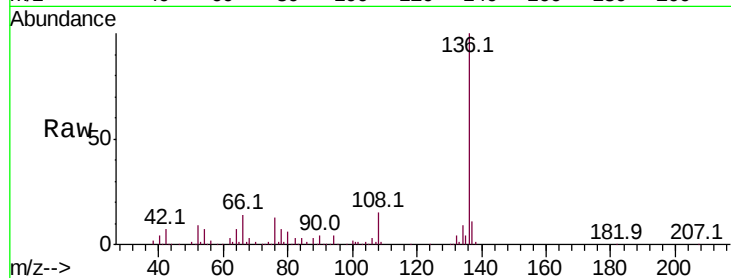




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

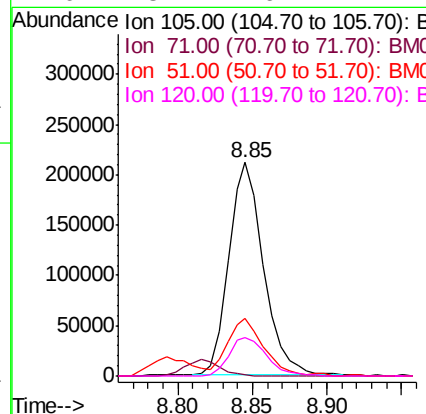
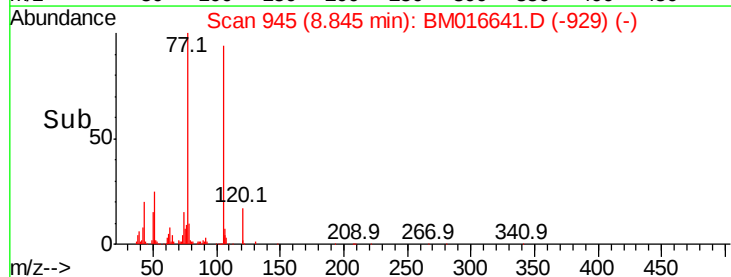
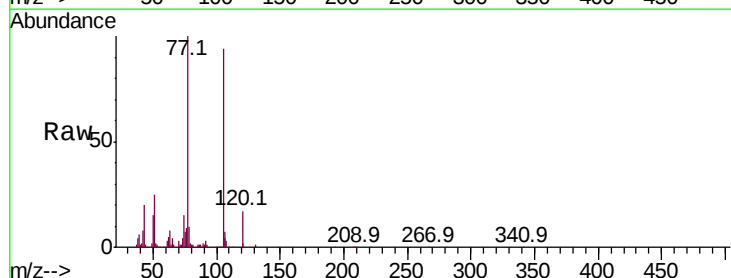
Instrument :
BNA_M
ClientSampleId :
PB112537BSD

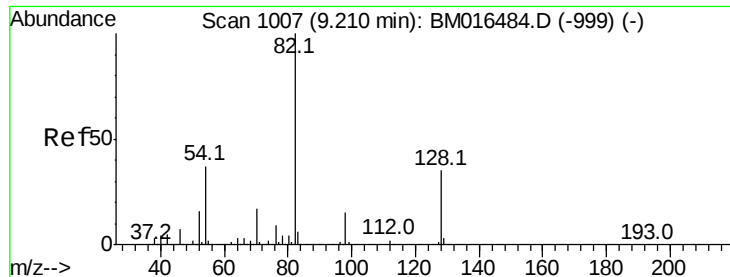
Tot Ion:	136	Resp:	338950
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.2	4.6	6.8#
68	2.8	3.7	5.5#



#22
Acetophenone
Concen: 42.229 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion:	105	Resp:	344670
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	27.2	21.6	32.4
120	18.2	16.1	24.1

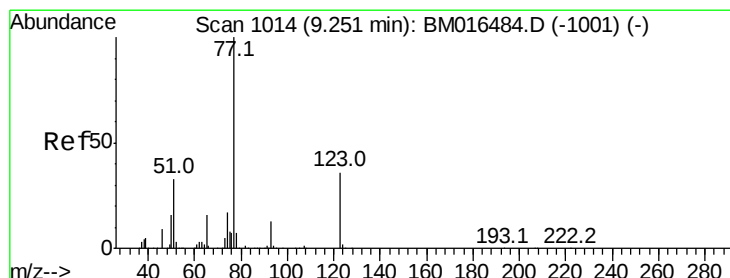
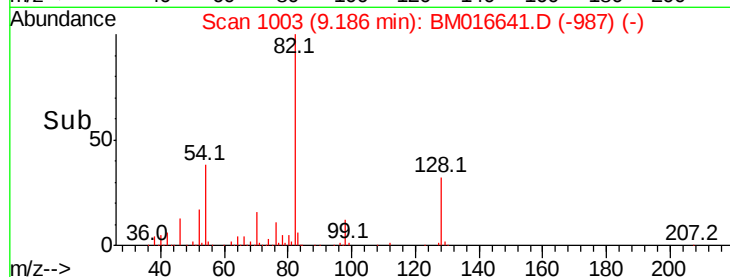
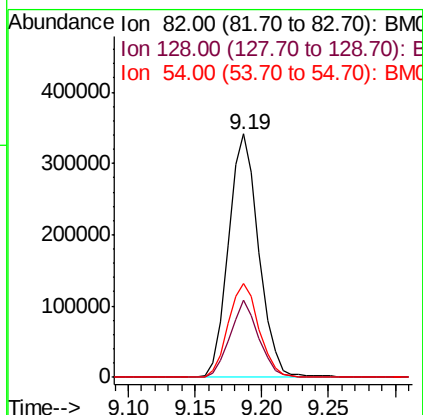
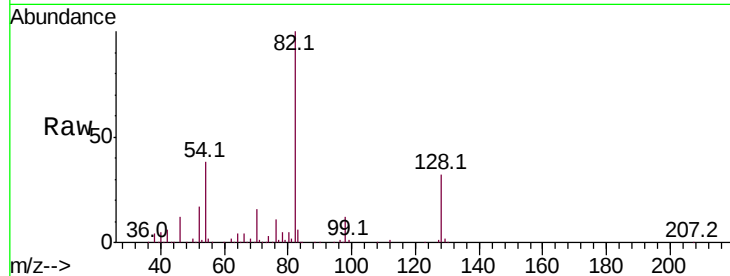




#23
Nitrobenzene-d5
Concen: 72.671 ng
RT: 9.19 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

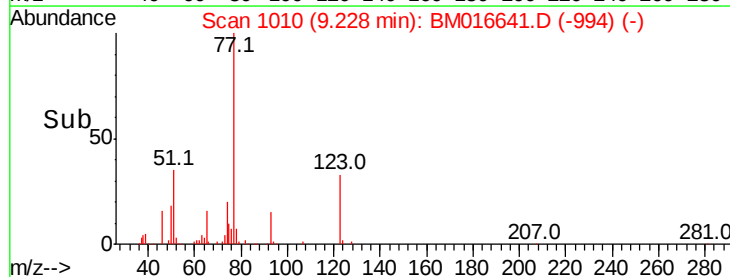
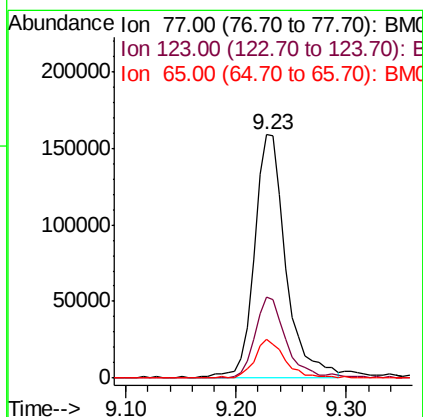
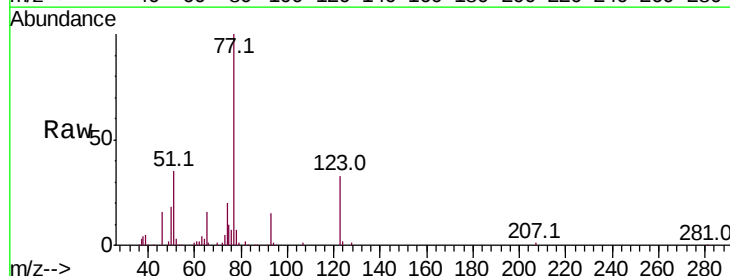
Instrument :
BNA_M
ClientSampleId :
PB112537BSD

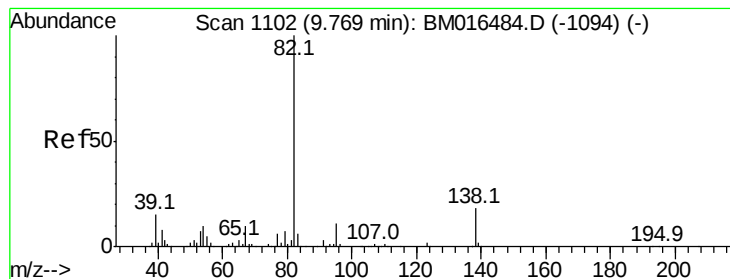
Tot Ion: 82 Resp: 539474
Ion Ratio Lower Upper
82 100
128 31.5 32.8 49.2#
54 38.3 40.6 60.8#



#24
Nitrobenzene
Concen: 42.359 ng
RT: 9.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion: 77 Resp: 314188
Ion Ratio Lower Upper
77 100
123 33.2 32.6 49.0
65 15.9 10.9 16.3





#25

Isophorone

Concen: 48.861 ng

RT: 9.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

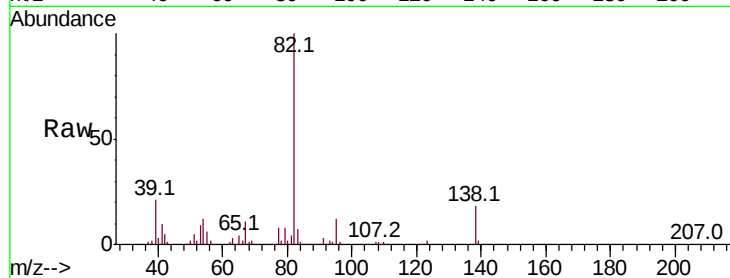
Tot Ion: 82 Resp: 484783

Ion Ratio Lower Upper

82 100

95 11.7 5.8 8.6#

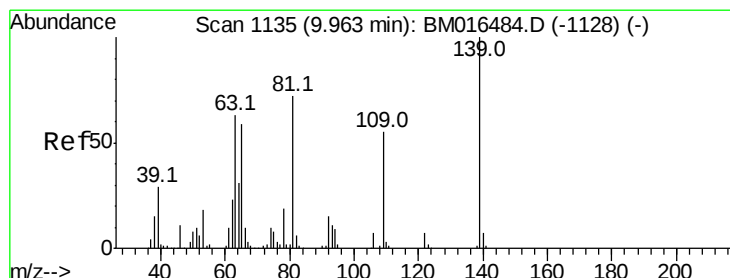
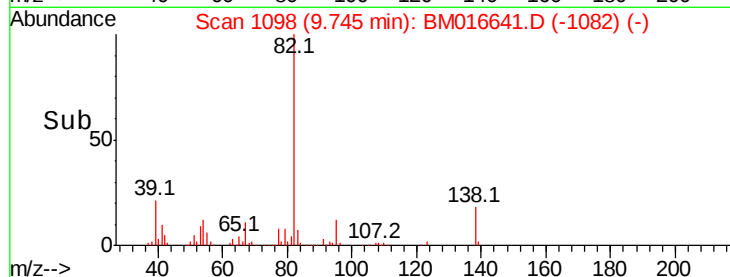
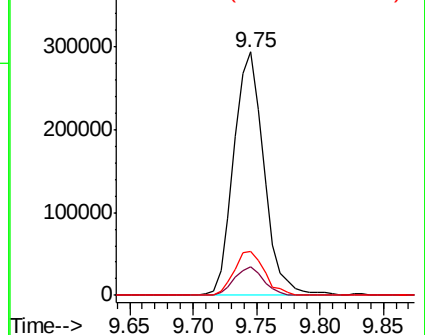
138 17.9 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016641.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016641.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016641.D (-1094) (-)



#26

2-Nitrophenol

Concen: 39.655 ng

RT: 9.94 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

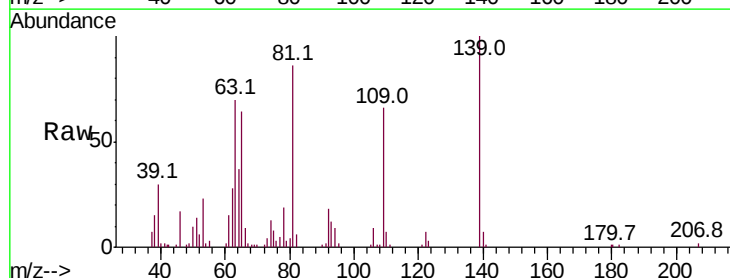
Tgt Ion: 139 Resp: 125742

Ion Ratio Lower Upper

139 100

109 66.3 20.1 30.1#

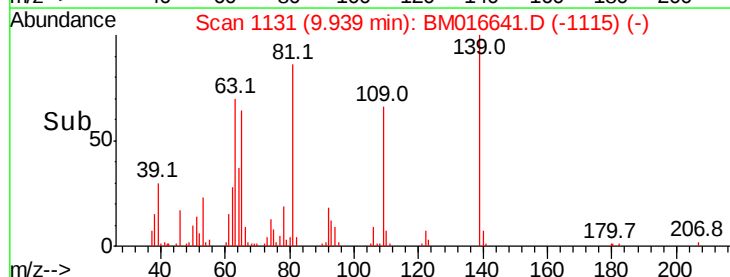
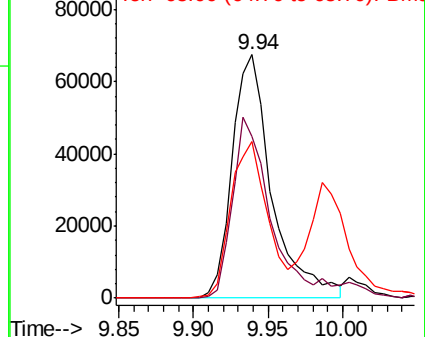
65 64.2 31.5 47.3#

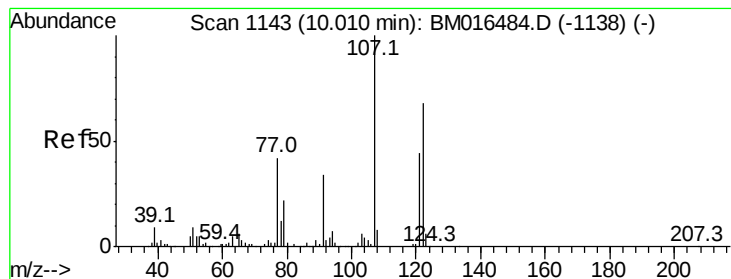


Abundance Ion 139.00 (138.70 to 139.70): BM016641.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BM016641.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BM016641.D (-1128) (-)





#27

2,4-Dimethylphenol

Concen: 48.409 ng

RT: 9.99 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

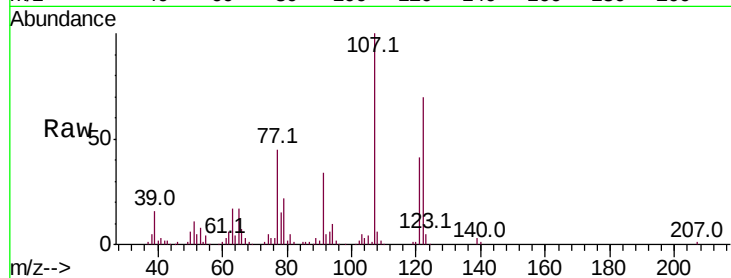
Tot Ion:122 Resp: 200040

Ion Ratio Lower Upper

122 100

107 142.6 84.7 127.1#

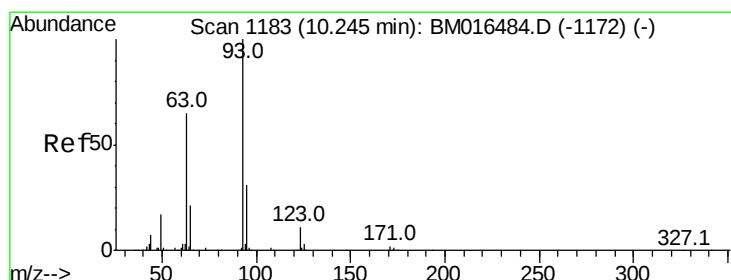
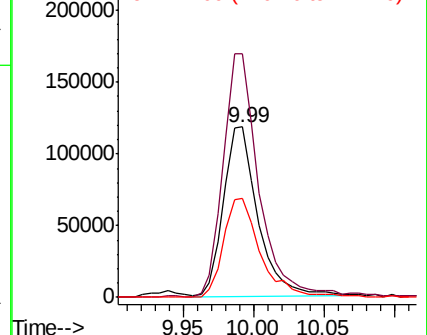
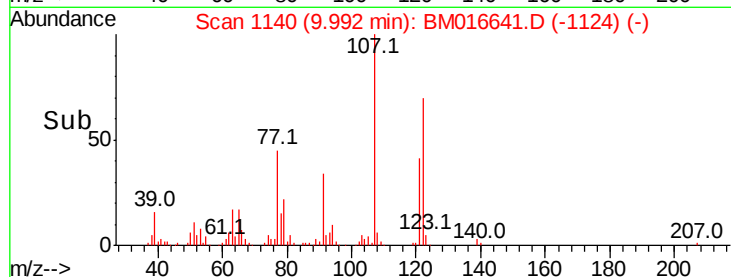
121 57.8 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.800 ng

RT: 10.22 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

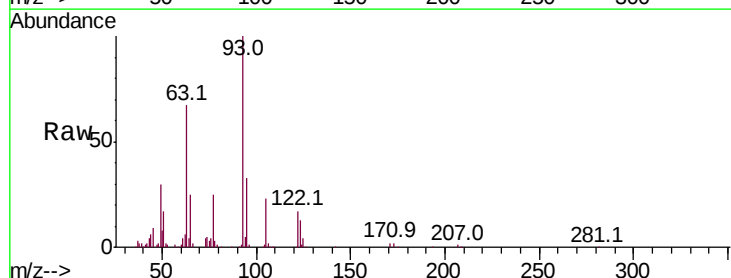
Tgt Ion: 93 Resp: 253485

Ion Ratio Lower Upper

93 100

95 33.2 25.5 38.3

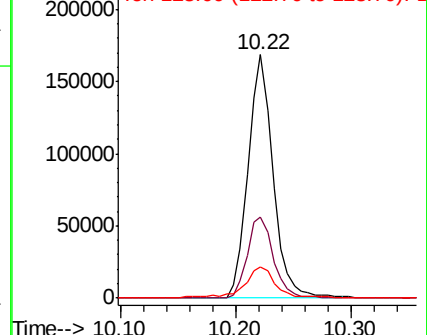
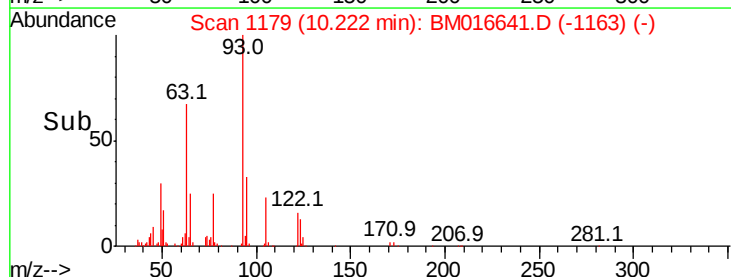
123 12.7 8.6 13.0

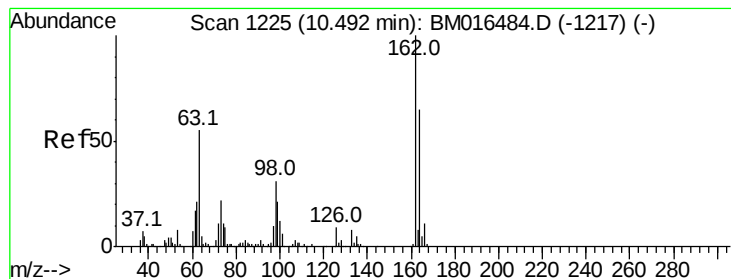


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.747 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

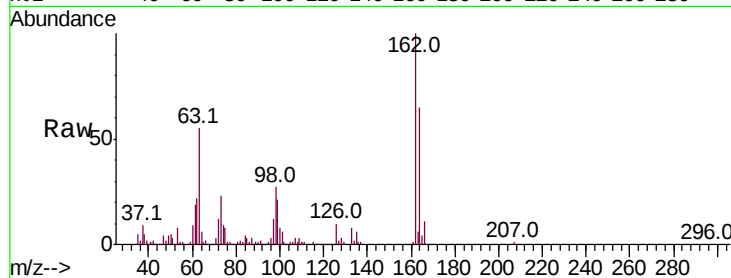
Tot Ion:162 Resp: 276742

Ion Ratio Lower Upper

162 100

164 64.7 42.8 82.8

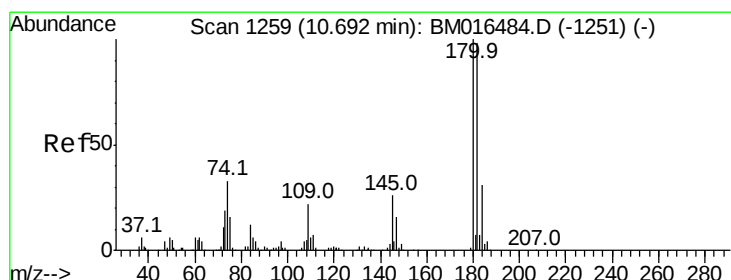
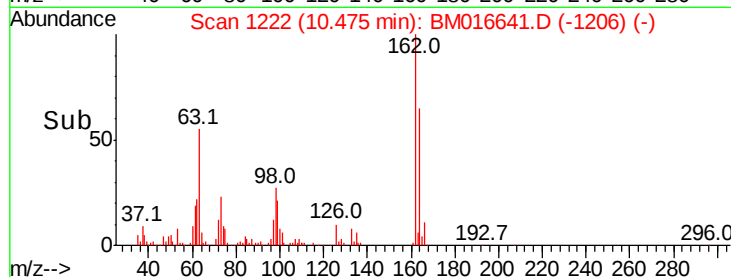
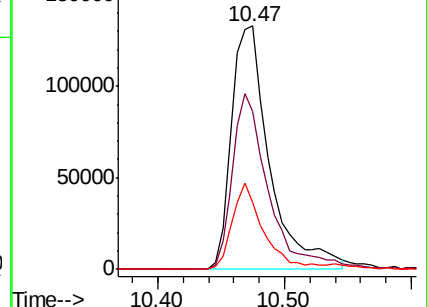
98 27.3 14.5 54.5



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): BM



#30

1,2,4-Trichlorobenzene

Concen: 47.850 ng

RT: 10.66 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

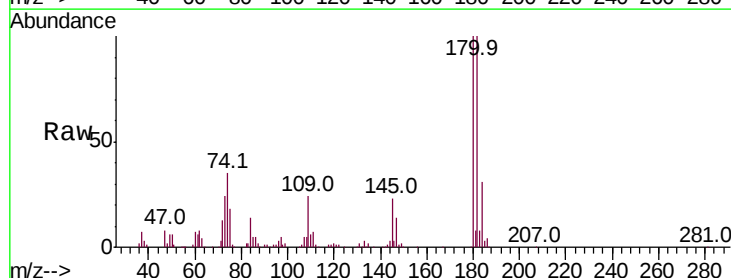
Tgt Ion:180 Resp: 449043

Ion Ratio Lower Upper

180 100

182 100.4 77.6 116.4

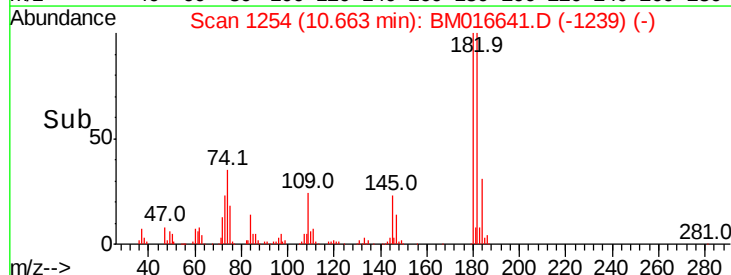
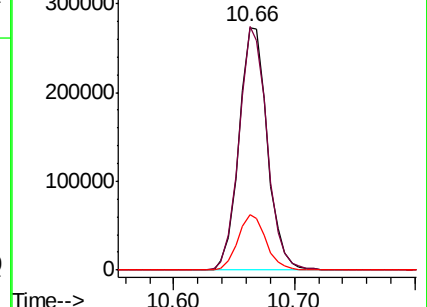
145 23.0 23.4 35.2#

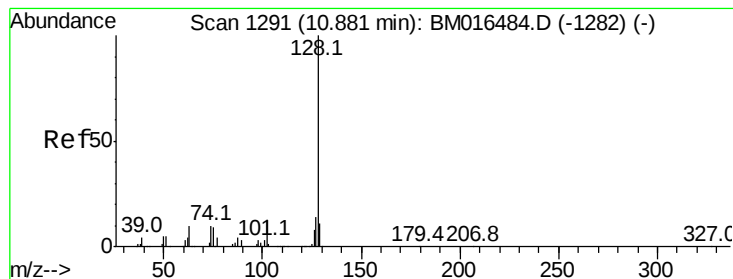


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.901 ng

RT: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

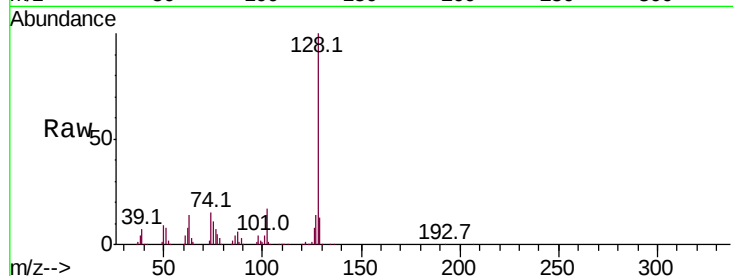
Tot Ion:128 Resp: 708957

Ion Ratio Lower Upper

128 100

129 12.7 8.9 13.3

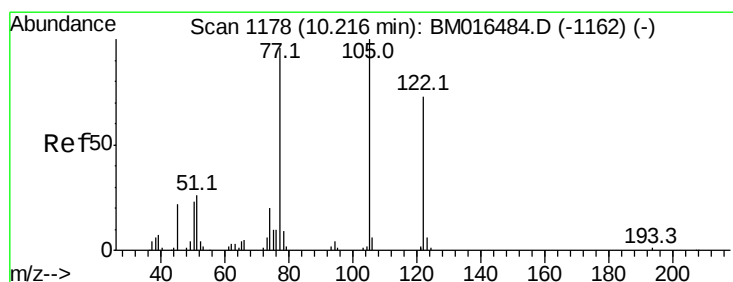
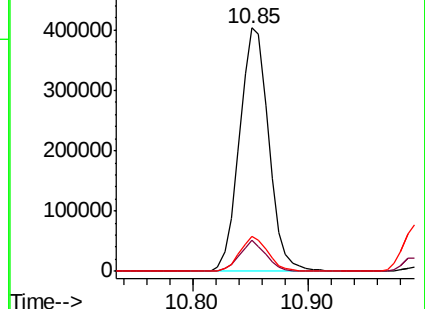
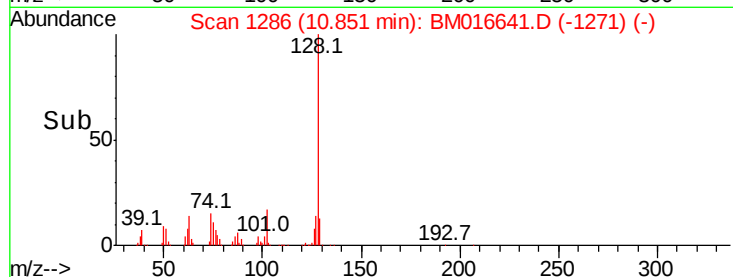
127 14.3 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.402 ng

RT: 10.21 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

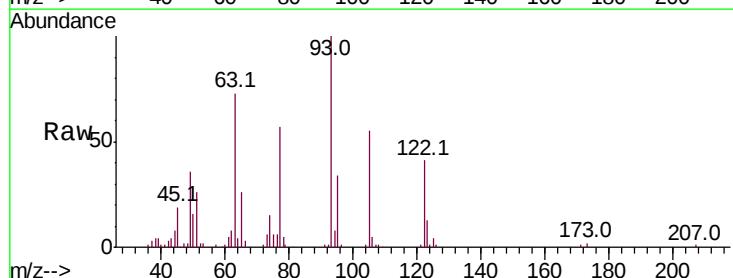
Tgt Ion:122 Resp: 112030

Ion Ratio Lower Upper

122 100

105 134.5 99.9 139.9

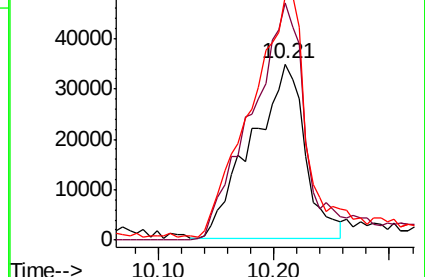
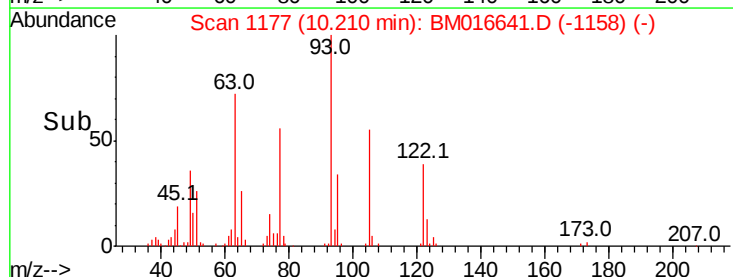
77 138.4 73.7 113.7#

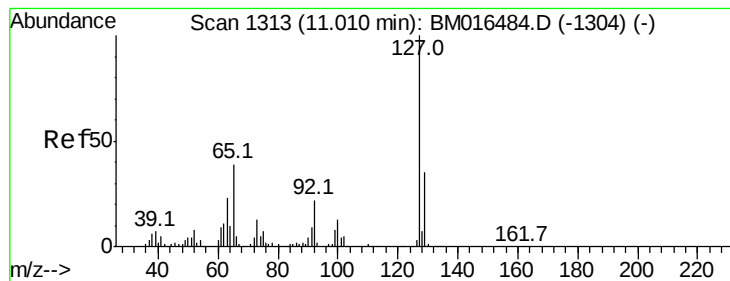


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





#33

4-Chloroaniline

Concen: 23.054 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

Tot Ion:127 Resp: 156682

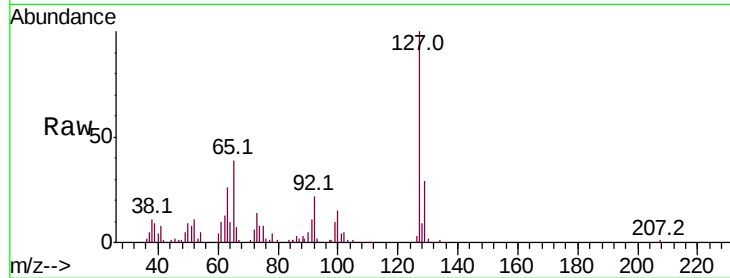
Ion Ratio Lower Upper

127 100

129 28.9 25.3 37.9

65 39.4 17.6 26.4#

92 21.5 13.1 19.7#

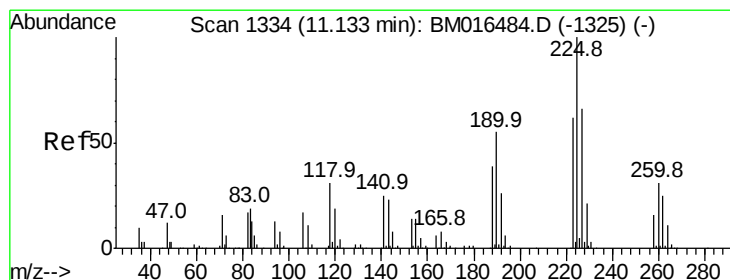
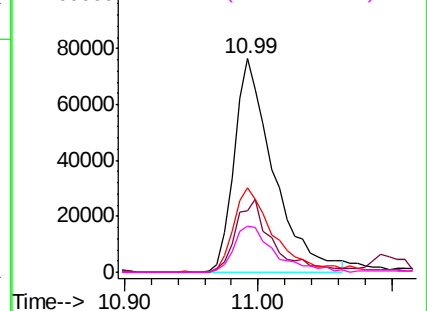
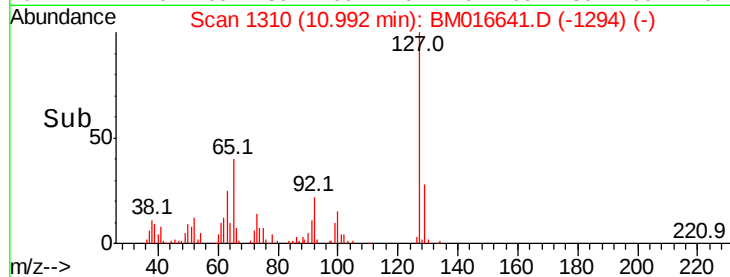


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34

Hexachlorobutadiene

Concen: 55.774 ng

RT: 11.10 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

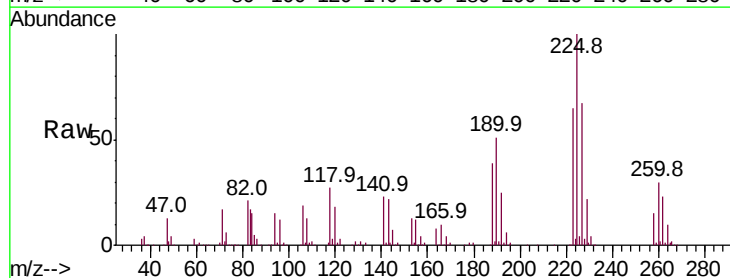
Tgt Ion:225 Resp: 499571

Ion Ratio Lower Upper

225 100

223 65.0 47.9 71.9

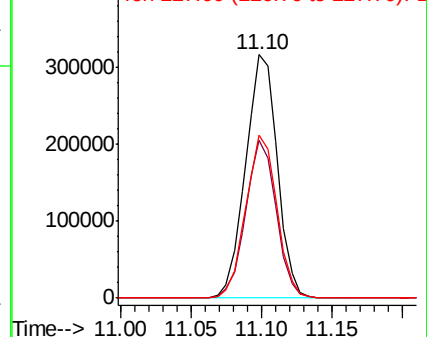
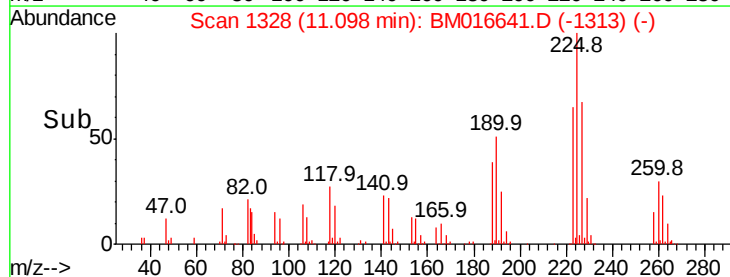
227 66.9 50.1 75.1

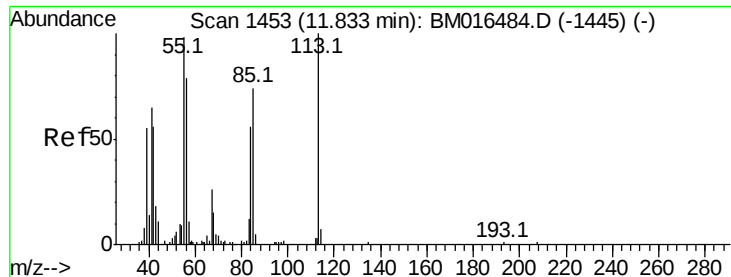


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.270 ng

RT: 11.82 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

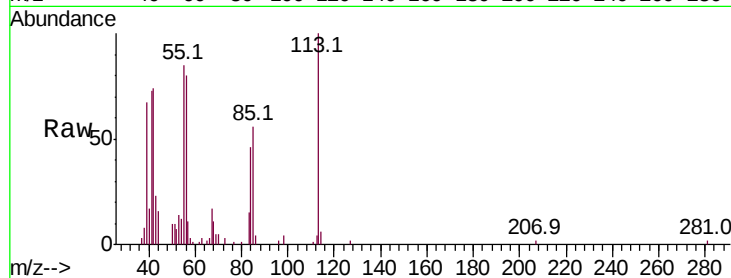
Tot Ion:113 Resp: 50858

Ion Ratio Lower Upper

113 100

55 85.5 145.9 185.9#

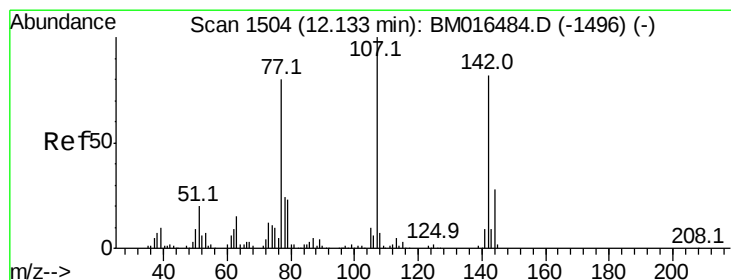
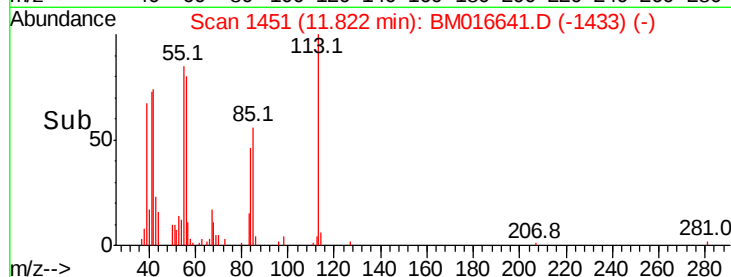
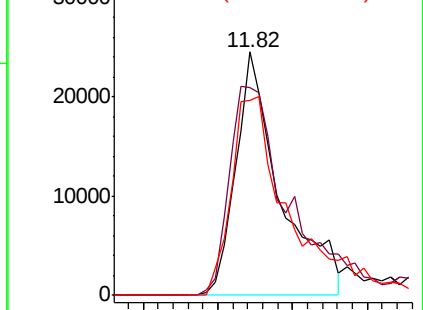
56 79.9 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 41.682 ng

RT: 12.12 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

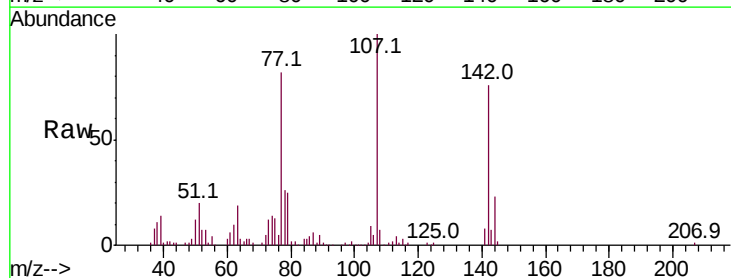
Tgt Ion:107 Resp: 247826

Ion Ratio Lower Upper

107 100

144 22.6 23.3 34.9#

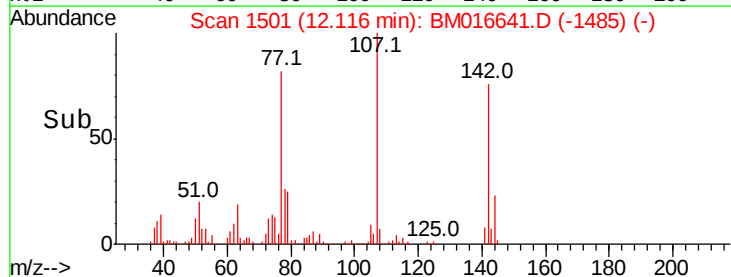
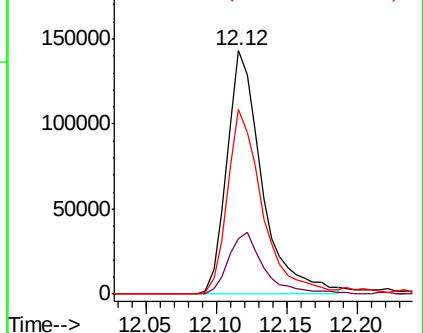
142 75.8 72.6 109.0

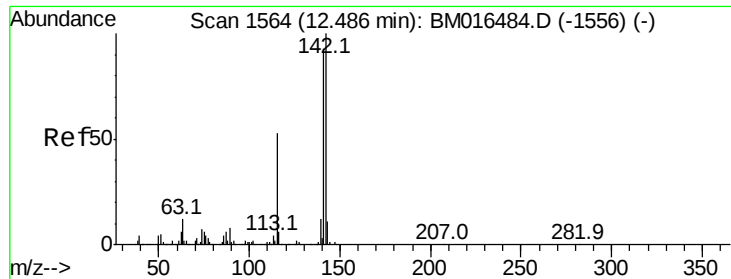


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

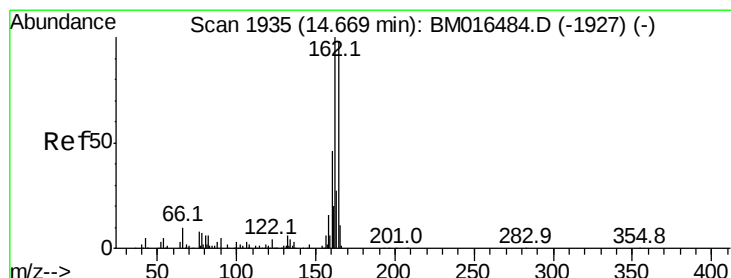
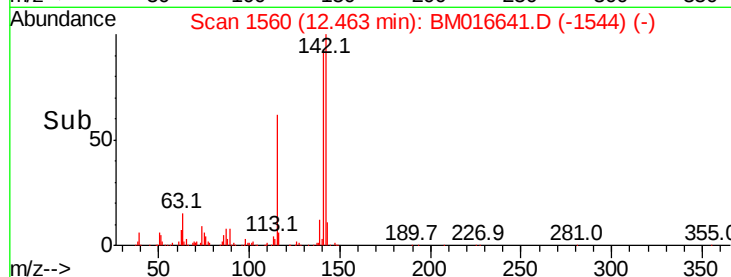
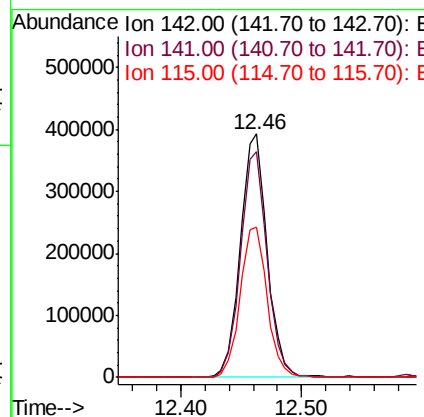
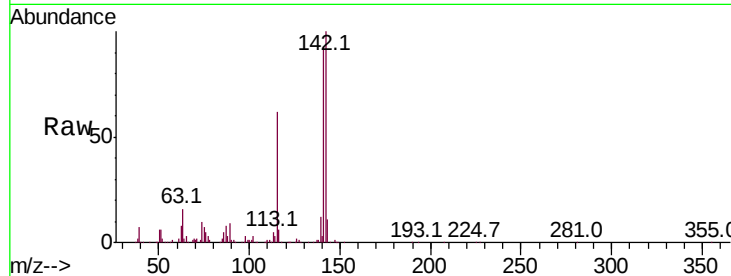




#37
2-Methylnaphthalene
Concen: 48.035 ng
RT: 12.46 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

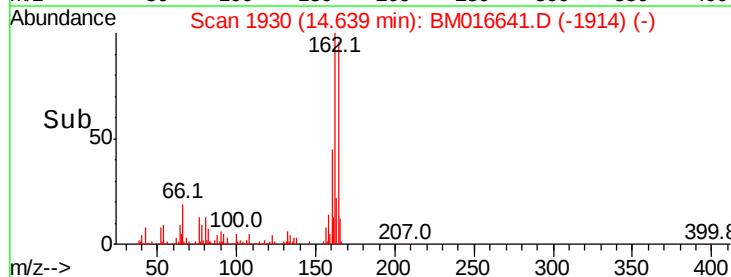
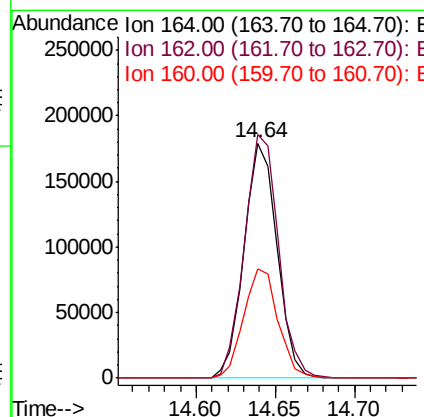
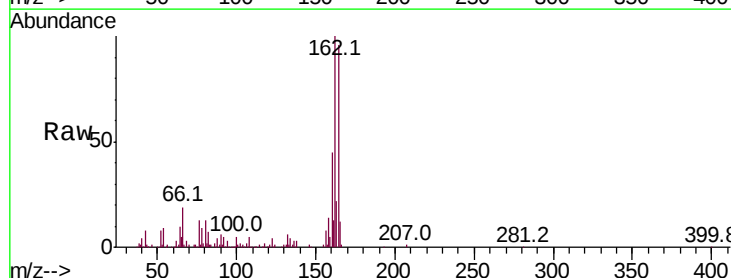
Instrument :
BNA_M
ClientSampleId :
PB112537BSD

Tot Ion:142 Resp: 607268
Ion Ratio Lower Upper
142 100
141 92.8 71.9 107.9
115 61.8 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: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion:164 Resp: 258512
Ion Ratio Lower Upper
164 100
162 103.7 82.4 123.6
160 46.5 35.8 53.6

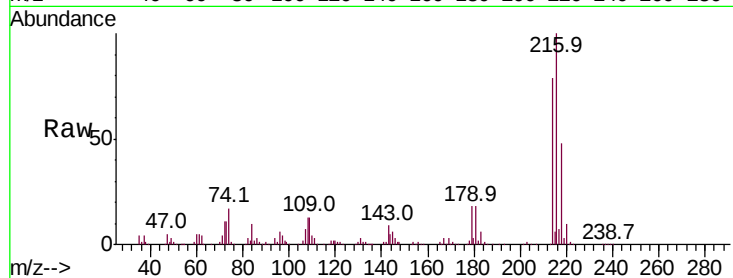




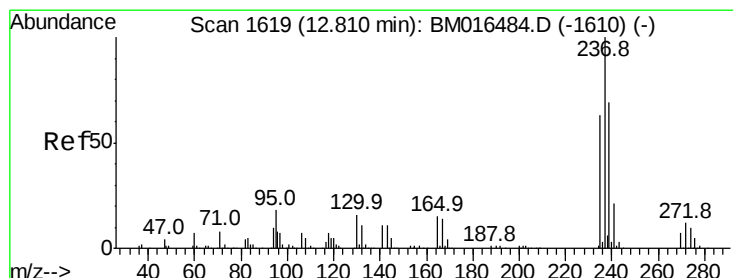
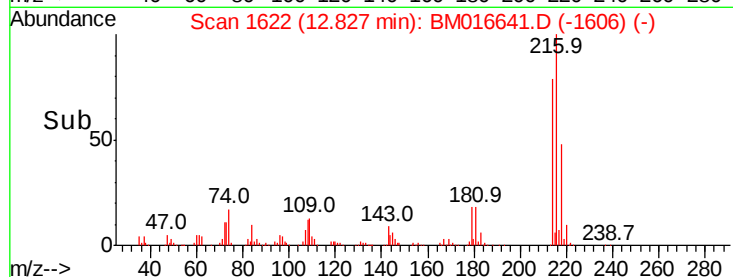
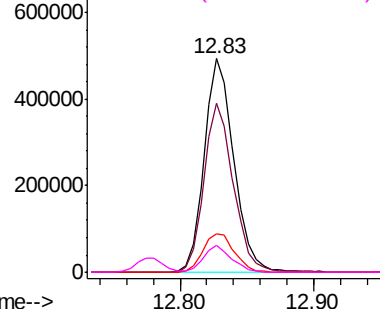
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.078 ng
 RT: 12.83 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BSD

Tot Ion:	216	Resp:	760341
Ion	Ratio	Lower	Upper
216	100		
214	78.7	0.0	0.0#
179	19.4	0.0	0.0#
108	12.3	0.0	0.0#

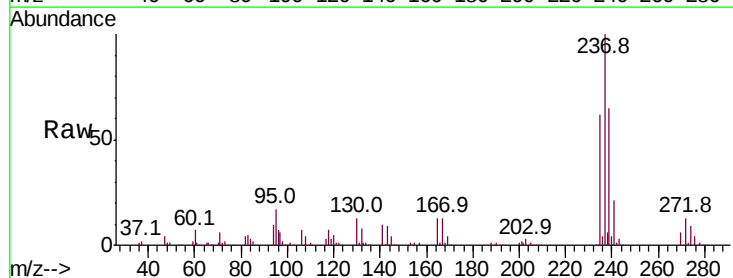


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

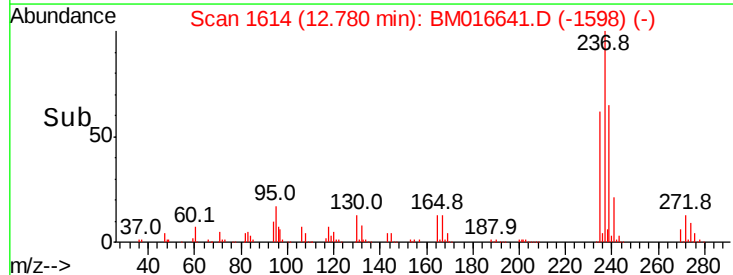
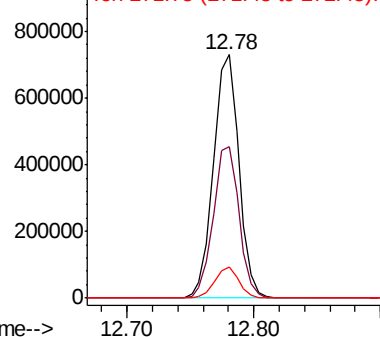


#40
 Hexachlorocyclopentadiene
 Concen: 125.553 ng
 RT: 12.78 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion:	237	Resp:	1014664
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.0	82.0
272	12.6	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

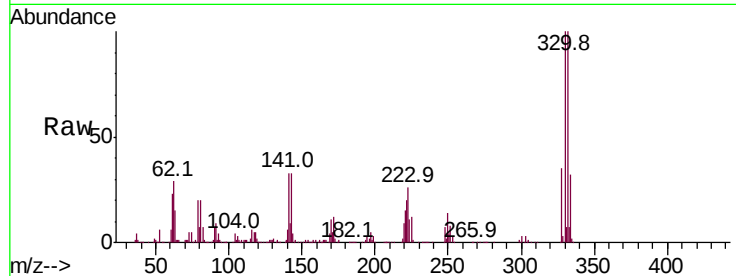




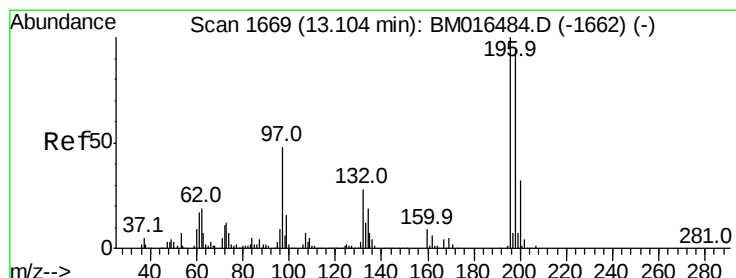
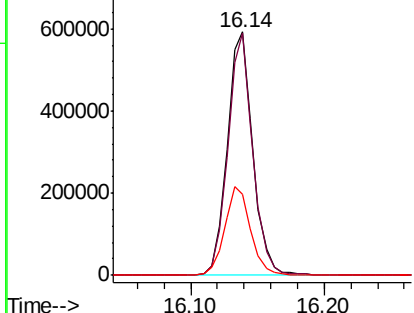
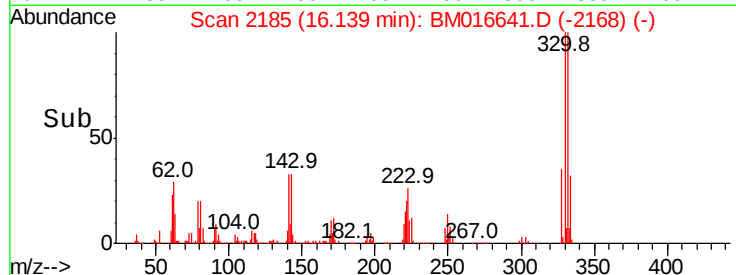
#41
 2,4,6-Tribromophenol
 Concen: 109.886 ng
 RT: 16.14 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	37.3	0.0	0.0#

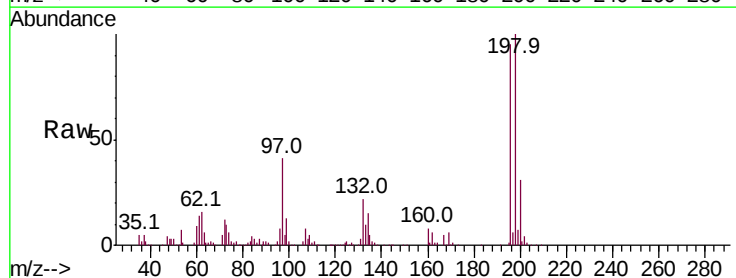


Abundance Ion 329.80 (329.50 to 330.50): E
 800000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

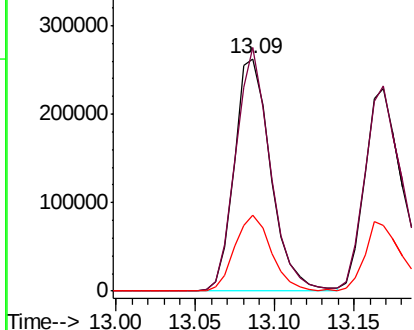
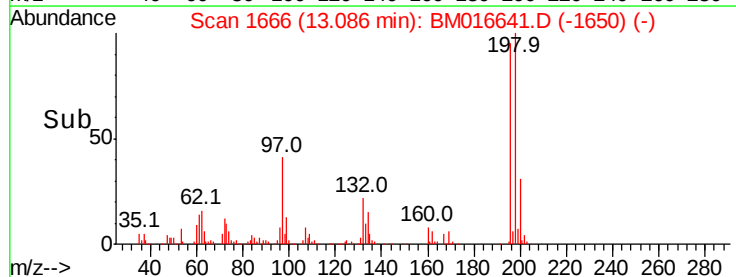


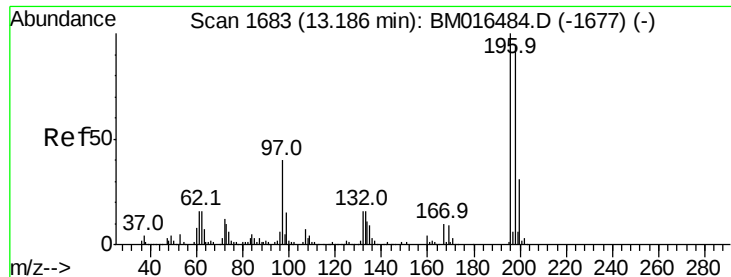
#42
 2,4,6-Trichlorophenol
 Concen: 48.063 ng
 RT: 13.09 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.8	76.3	114.5
200	32.9	25.6	38.4



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

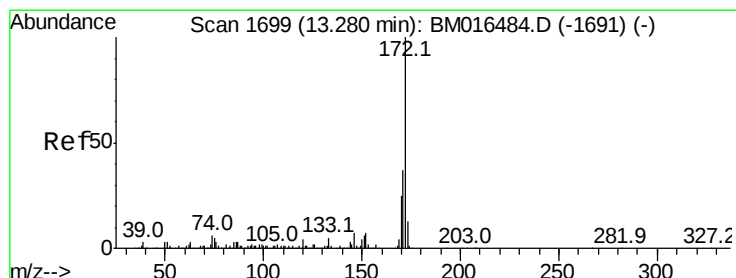
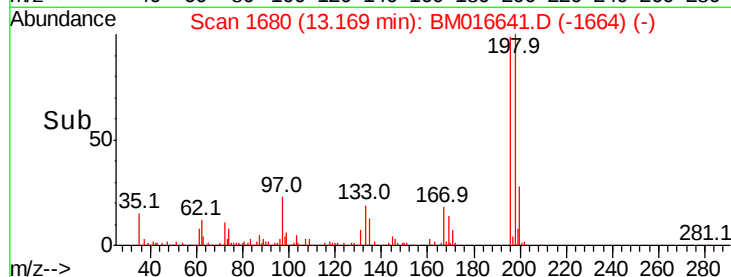
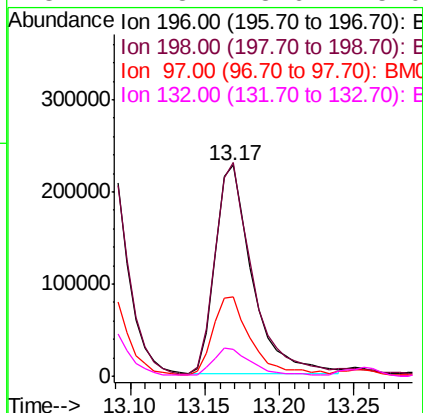
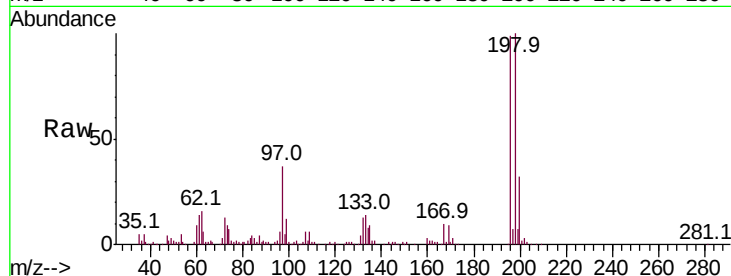




#43
 2,4,5-Trichlorophenol
 Concen: 46.152 ng
 RT: 13.17 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

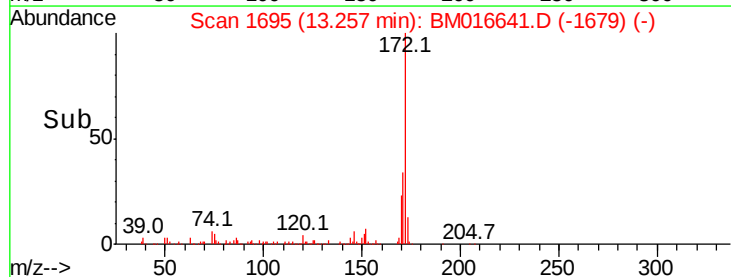
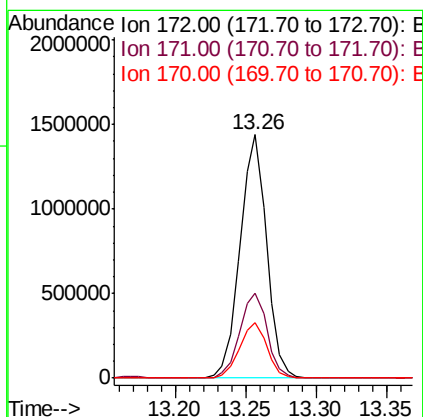
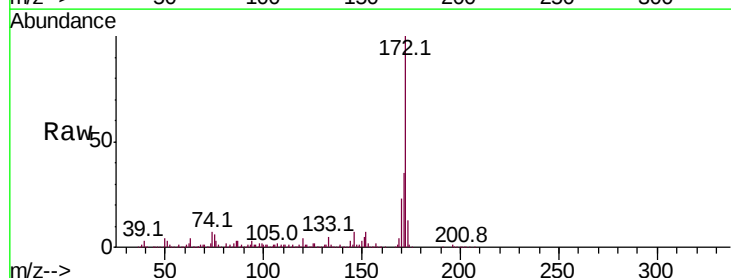
Instrument :
 BNA_M
 ClientSampleId :
 PB112537BSD

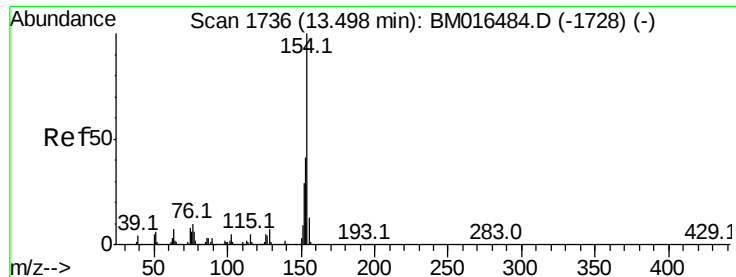
Tot Ion	Ratio	Lower	Upper
196	100		
198	101.3	79.4	119.0
97	37.6	26.8	40.2
132	12.8	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 70.230 ng
 RT: 13.26 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.0	18.8	28.2





#45

1,1'-Biphenyl

Concen: 38.100 ng

RT: 13.47 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

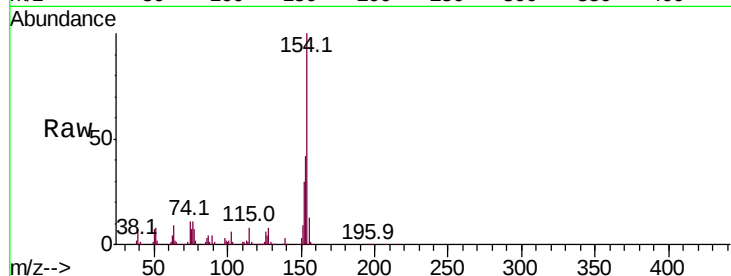
Tot Ion:154 Resp: 863647

Ion Ratio Lower Upper

154 100

153 41.6 20.7 60.7

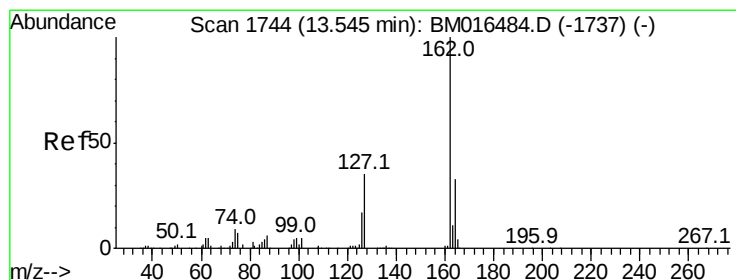
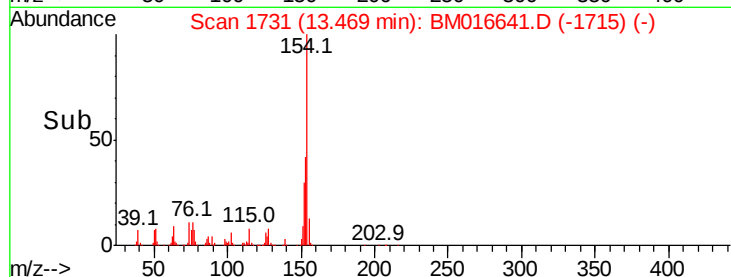
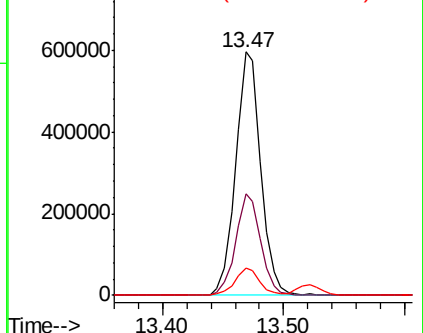
76 11.0 0.0 30.9



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: 38.202 ng

RT: 13.52 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

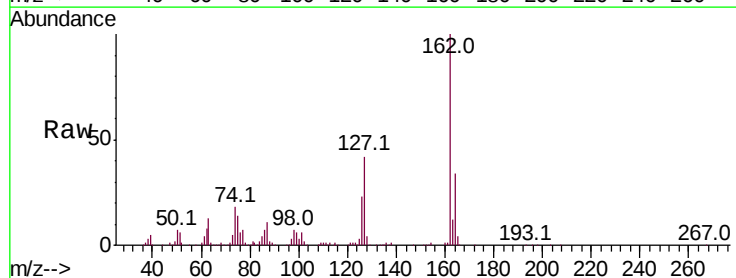
Tgt Ion:162 Resp: 703521

Ion Ratio Lower Upper

162 100

127 42.0 26.9 40.3#

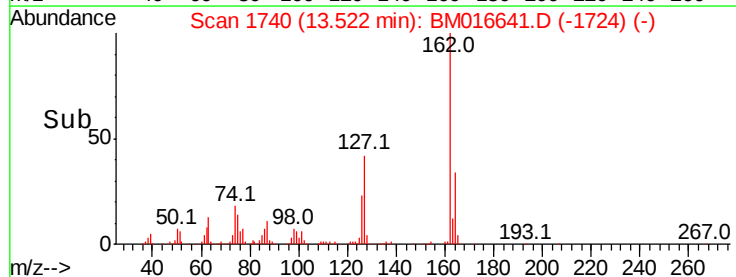
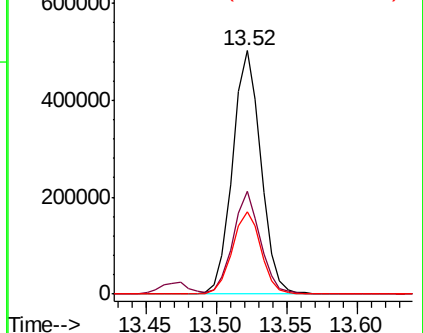
164 33.6 26.8 40.2

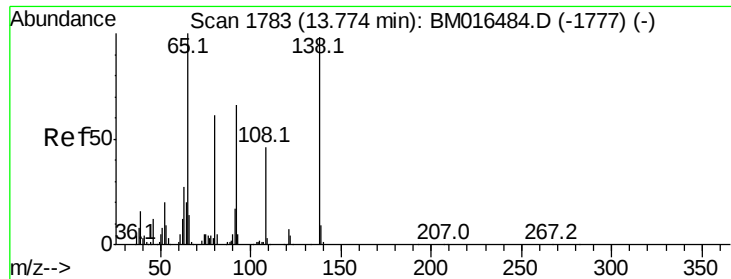


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

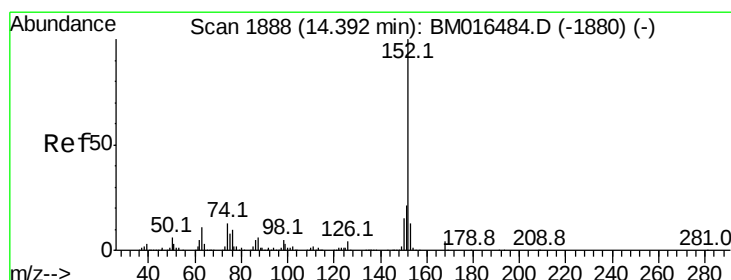
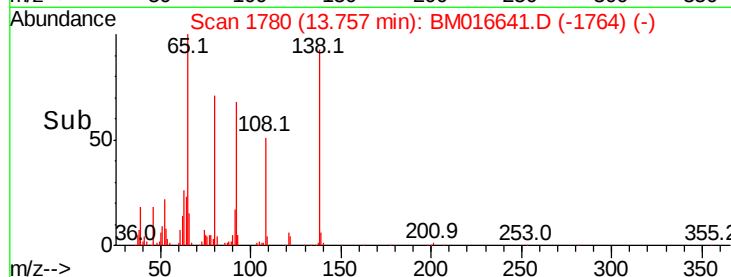
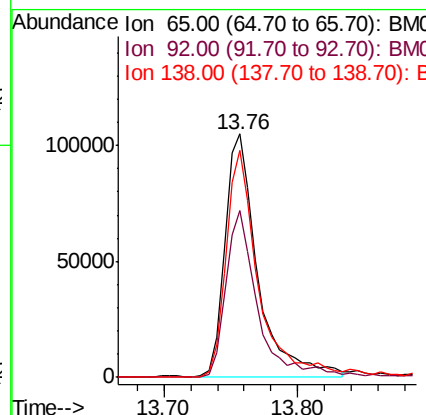
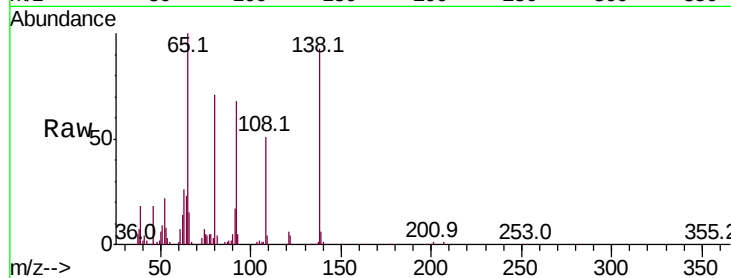




#47
2-Nitroaniline
Concen: 37.174 ng
RT: 13.76 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

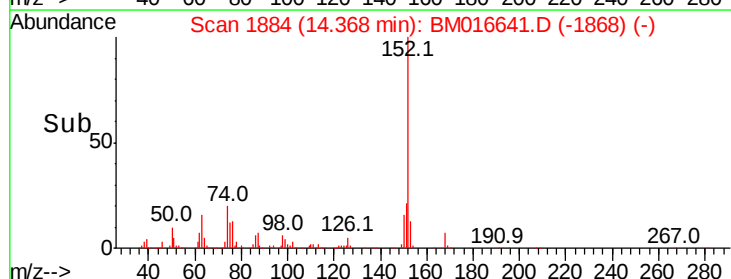
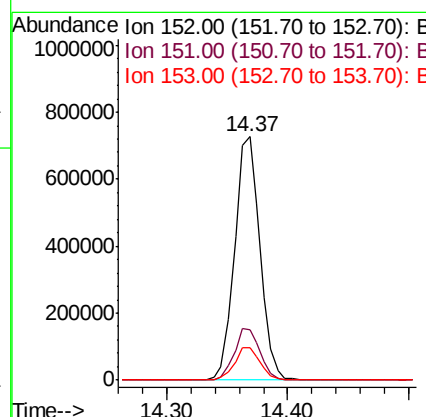
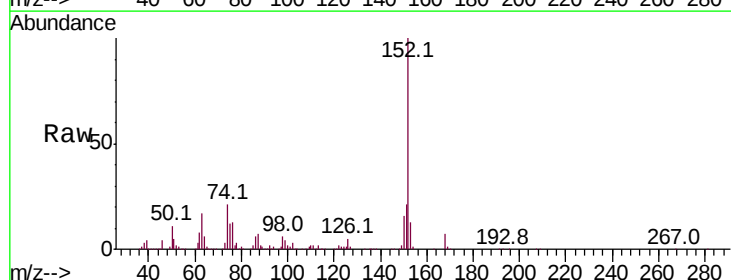
Instrument :
BNA_M
ClientSampleId :
PB112537BSD

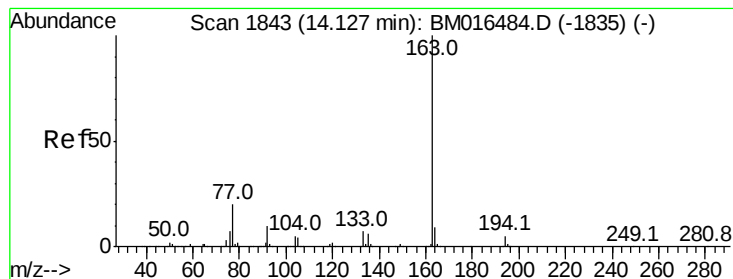
Tot Ion: 65 Resp: 182347
Ion Ratio Lower Upper
65 100
92 68.3 59.1 88.7
138 93.0 93.9 140.9#



#48
Acenaphthylene
Concen: 40.812 ng
RT: 14.37 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion: 152 Resp: 1060933
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 13.2 10.6 16.0





#49

Dimethylphthalate

Concen: 40.324 ng

RT: 14.10 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleID :

PB112537BSD

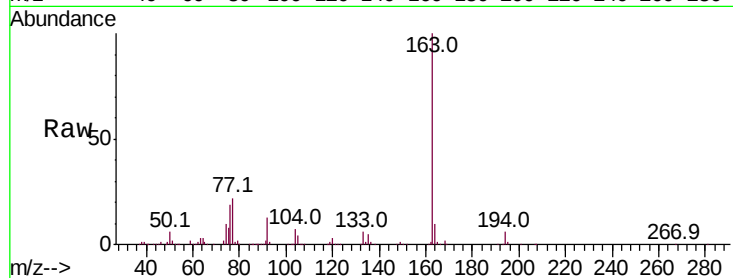
Tot Ion:163 Resp: 1001488

Ion Ratio Lower Upper

163 100

194 5.8 2.7 4.1#

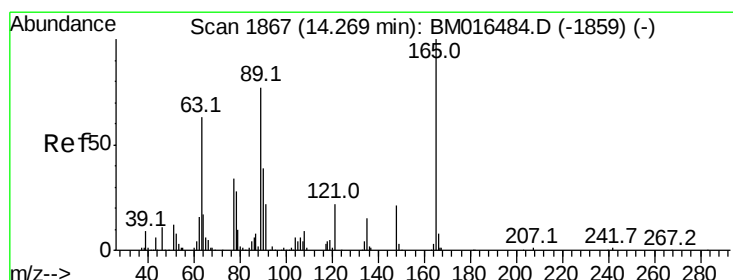
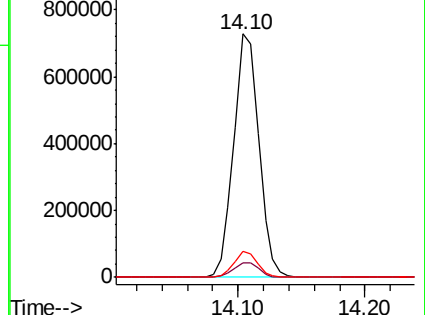
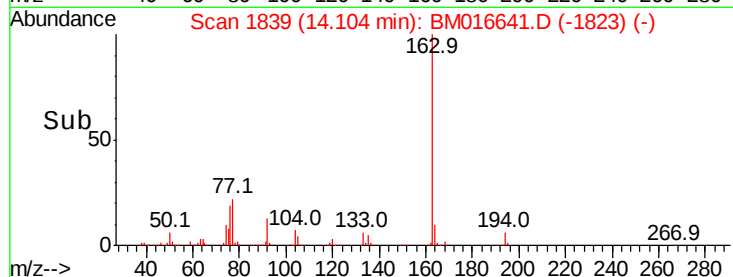
164 10.5 8.2 12.2



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: 38.833 ng

RT: 14.25 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

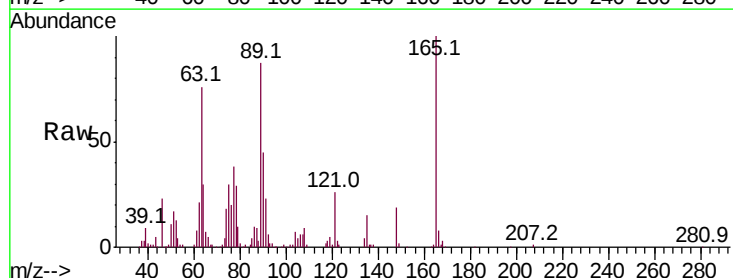
Tgt Ion:165 Resp: 188115

Ion Ratio Lower Upper

165 100

63 76.2 44.1 66.1#

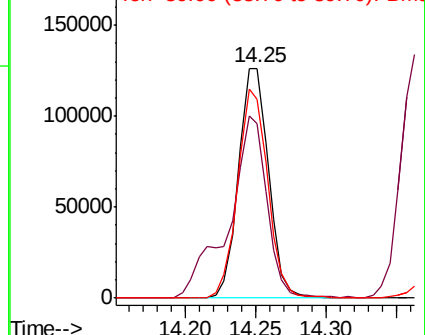
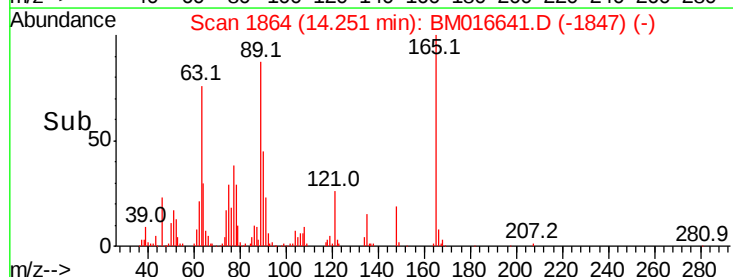
89 86.6 44.3 66.5#

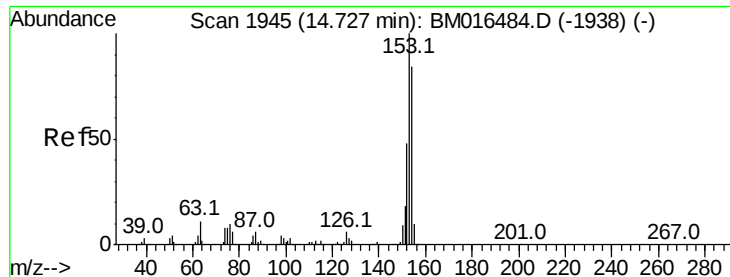


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BMC

Ion 89.00 (88.70 to 89.70): BMC





#51

Acenaphthene

Concen: 39.383 ng

RT: 14.70 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

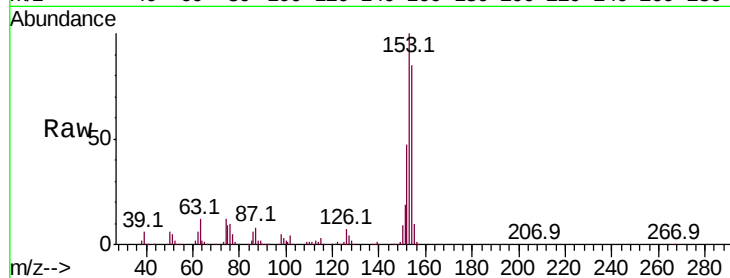
Tot Ion:154 Resp: 628958

Ion Ratio Lower Upper

154 100

153 118.2 90.0 135.0

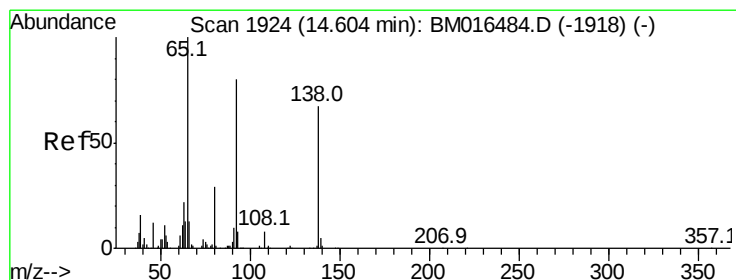
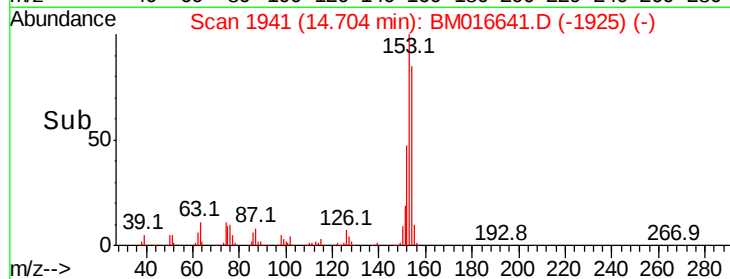
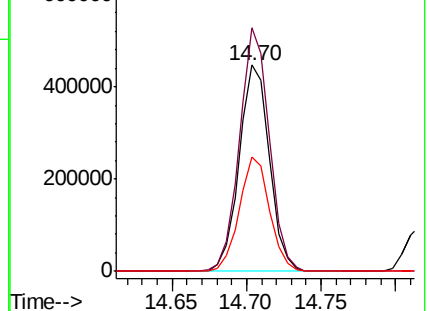
152 55.5 42.6 63.8



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: 23.754 ng

RT: 14.59 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

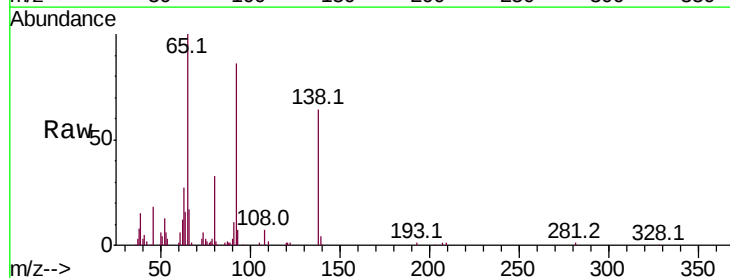
Tgt Ion:138 Resp: 104702

Ion Ratio Lower Upper

138 100

108 10.8 7.3 10.9

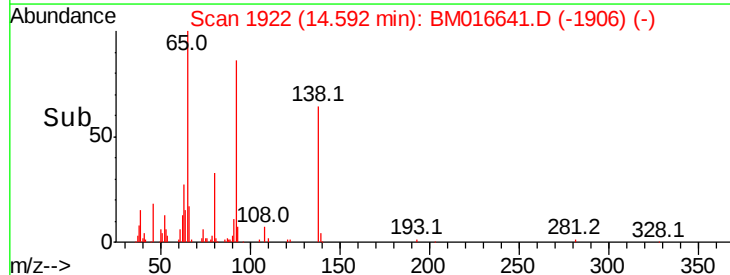
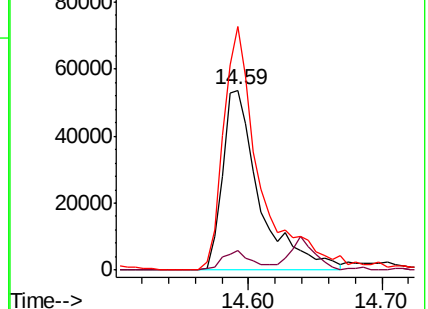
92 135.2 76.6 114.8#

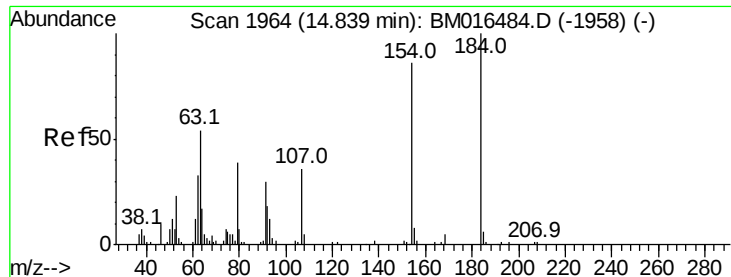


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

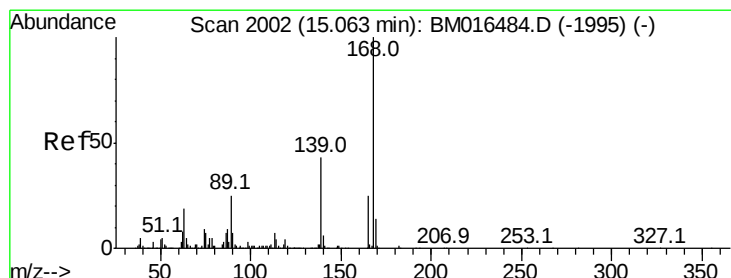
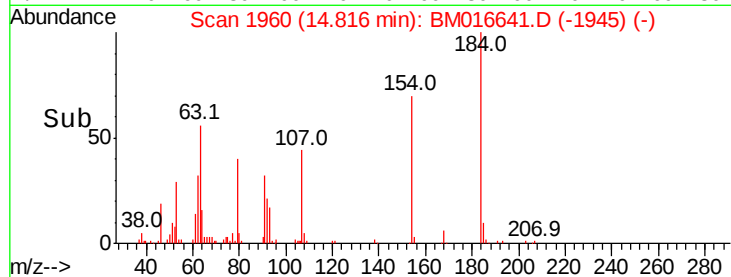
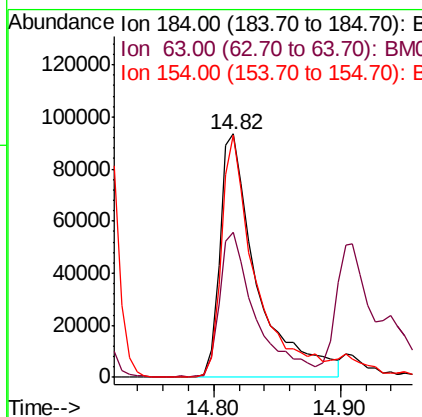
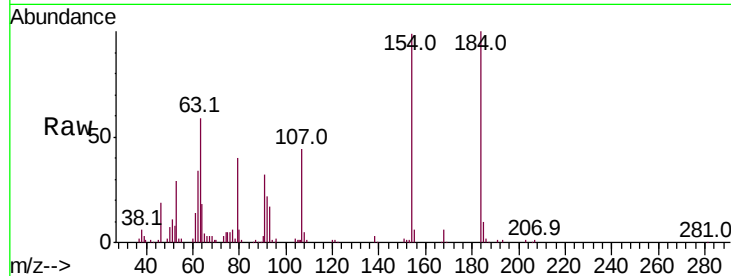




#53
 2,4-Dinitrophenol
 Concen: 78.237 ng
 RT: 14.82 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

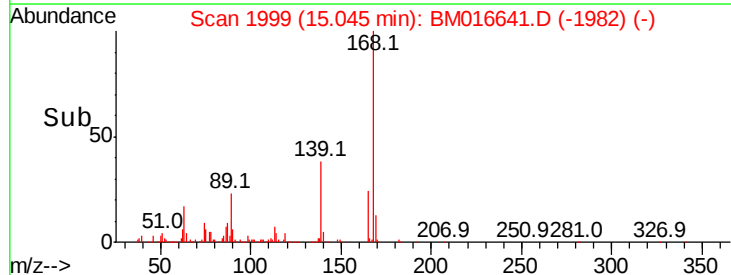
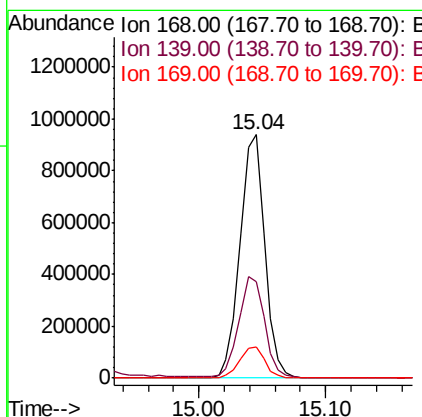
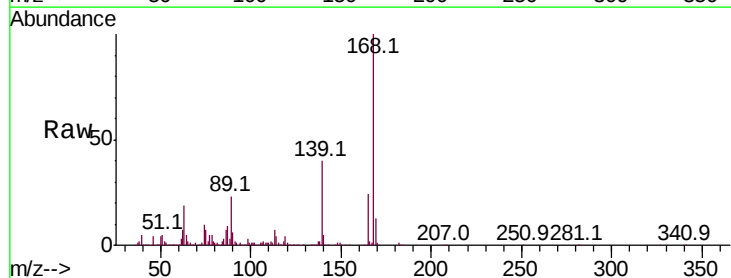
Instrument :
 BNA_M
 ClientSampleId :
 PB112537BSD

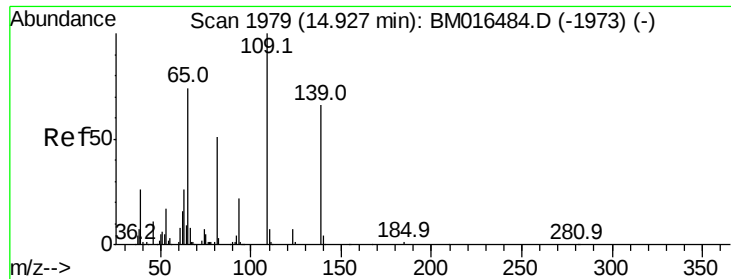
Tot Ion:184 Resp: 189666
 Ion Ratio Lower Upper
 184 100
 63 59.4 69.2 103.8#
 154 99.4 53.3 79.9#



#54
 Dibenzofuran
 Concen: 41.564 ng
 RT: 15.04 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion:168 Resp: 1270718
 Ion Ratio Lower Upper
 168 100
 139 39.7 27.3 40.9
 169 12.8 10.6 16.0

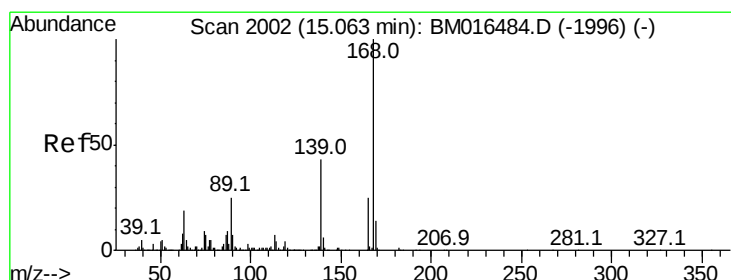
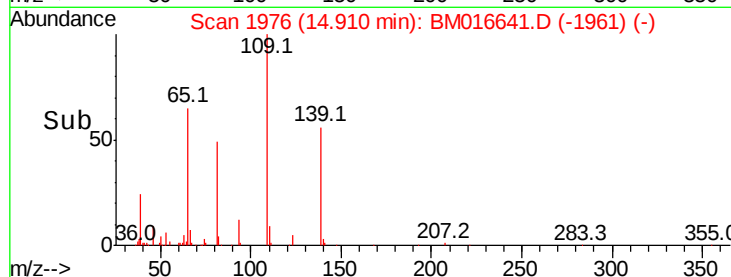
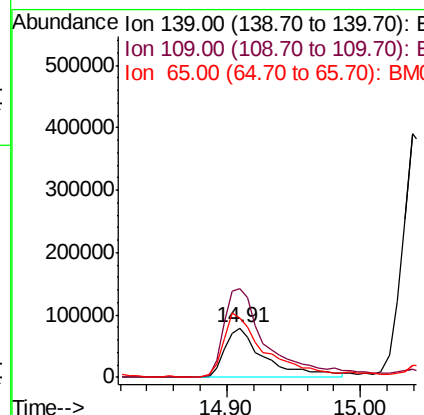
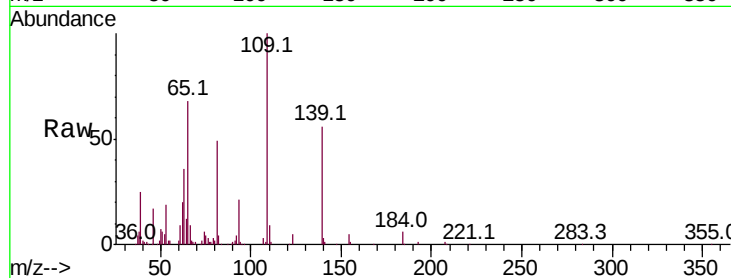




#55
4-Nitrophenol
Concen: 59.684 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

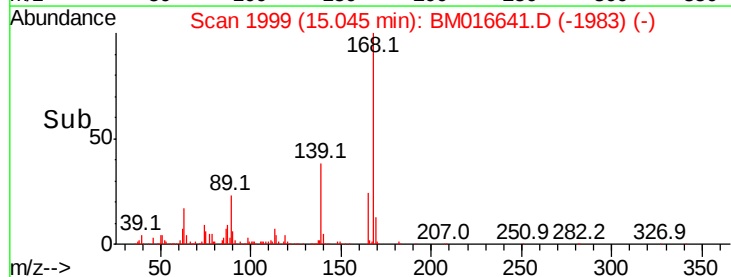
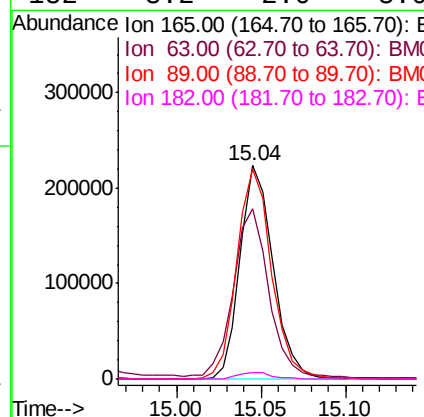
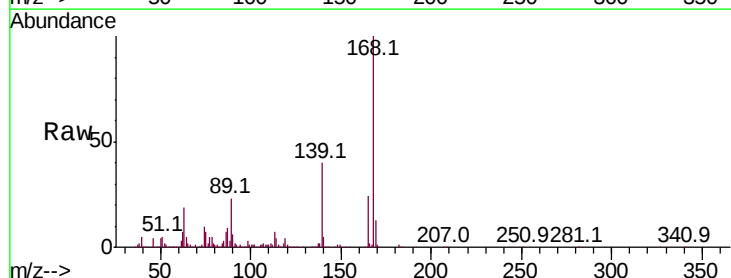
Instrument :
BNA_M
ClientSampleId :
PB112537BSD

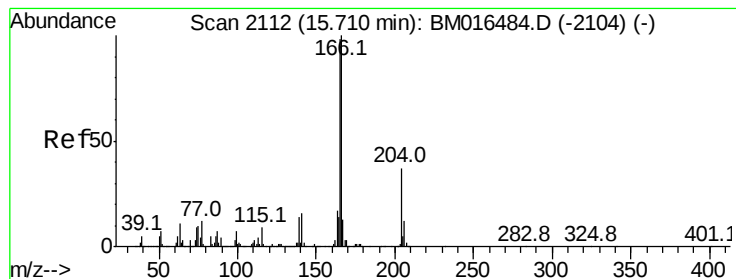
Tot Ion:139 Resp: 167793
Ion Ratio Lower Upper
139 100
109 180.2 130.0 170.0#
65 121.7 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 37.801 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion:165 Resp: 305354
Ion Ratio Lower Upper
165 100
63 79.7 52.4 78.6#
89 98.3 72.4 108.6
182 3.2 2.0 3.0#





#57

Fluorene

Concen: 44.302 ng

RT: 15.69 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

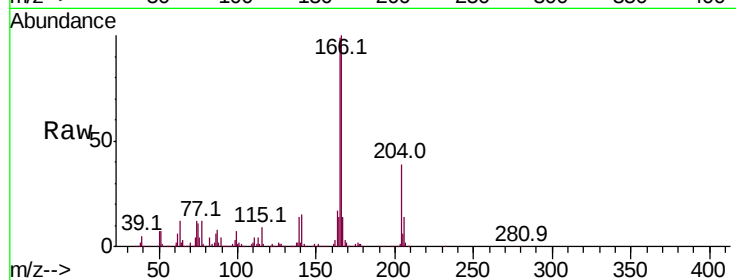
BNA_M

ClientSampleId :

PB112537BSD

Tot Ion:166 Resp: 1023165

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.0	118.4
167	13.9	10.3	15.5



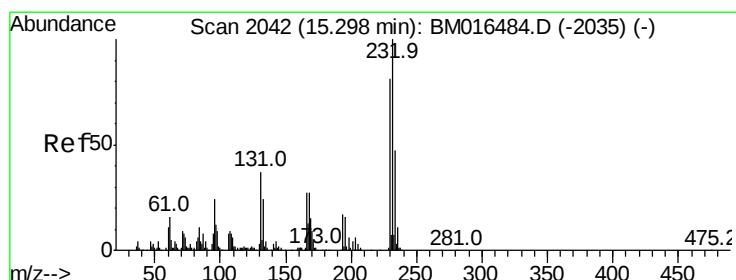
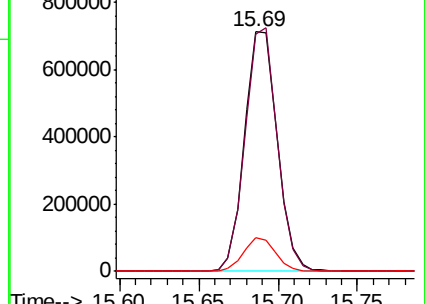
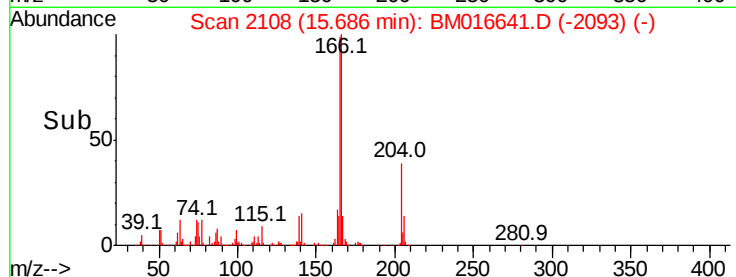
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.69



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.669 ng

RT: 15.27 min Scan# 2038

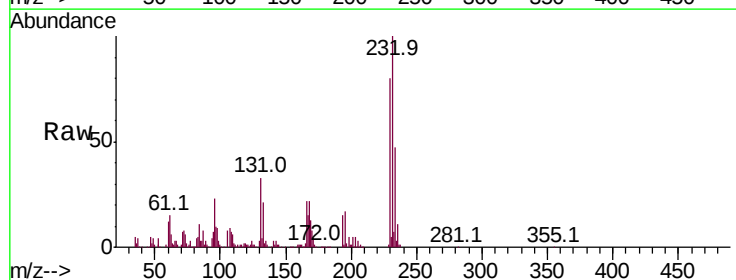
Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Tgt Ion:232 Resp: 431716

Ion	Ratio	Lower	Upper
232	100		
131	30.6	0.0	0.0#
130	2.7	0.0	0.0#
166	20.8	0.0	0.0#



Abundance

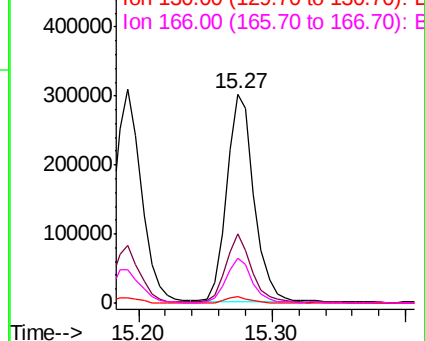
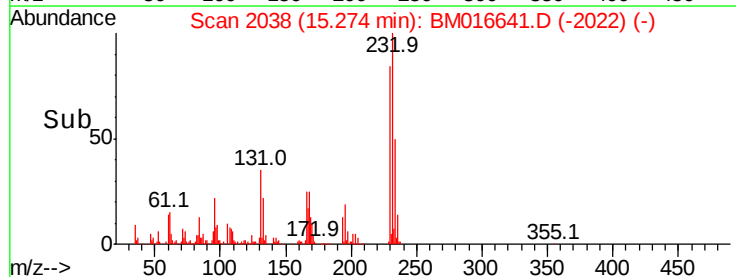
Ion 232.00 (231.70 to 232.70): E

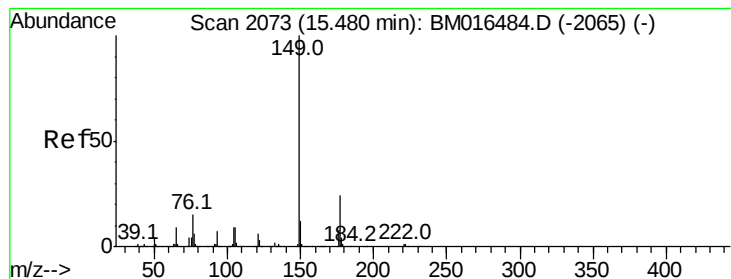
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

15.27





#59

Diethylphthalate

Concen: 38.422 ng

RT: 15.46 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

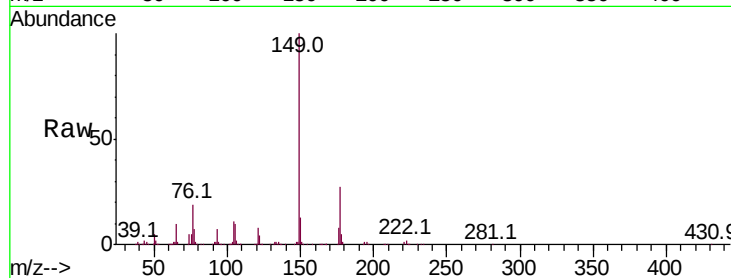
Tot Ion:149 Resp: 994966

Ion Ratio Lower Upper

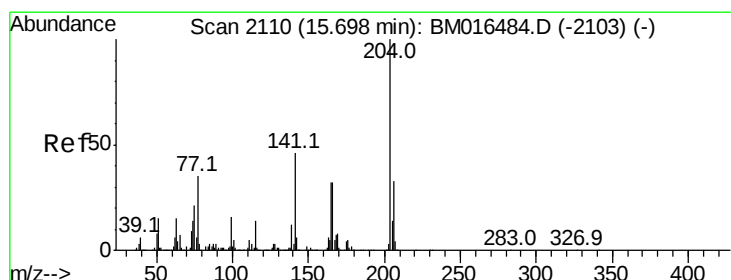
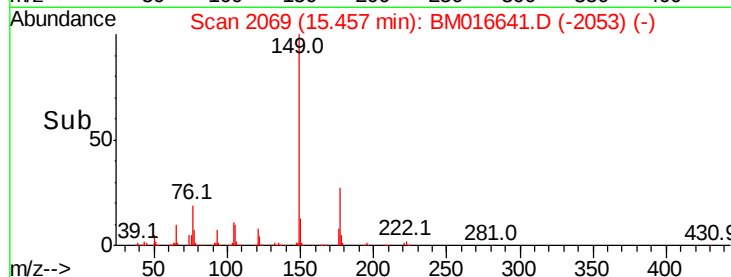
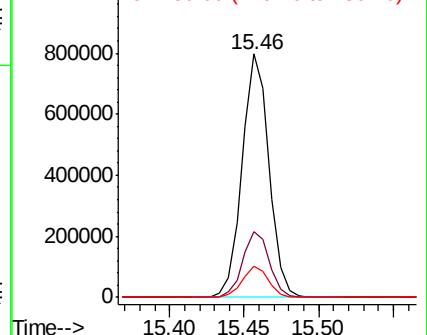
149 100

177 26.7 18.3 27.5

150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.021 ng

RT: 15.67 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

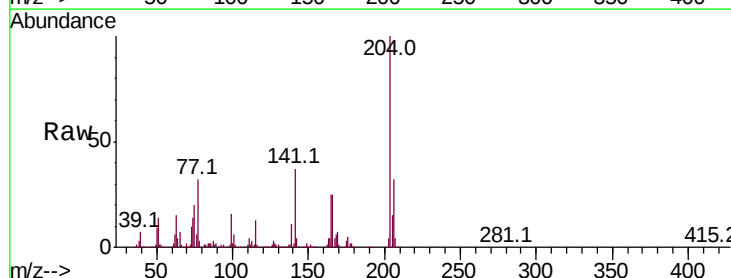
Tgt Ion:204 Resp: 930071

Ion Ratio Lower Upper

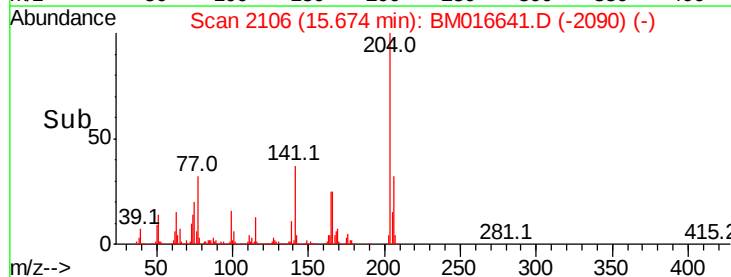
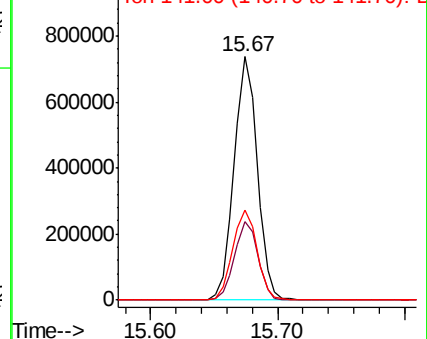
204 100

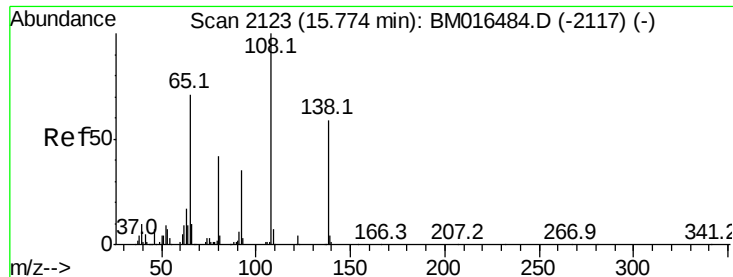
206 32.2 26.6 39.8

141 37.2 45.2 67.8#



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

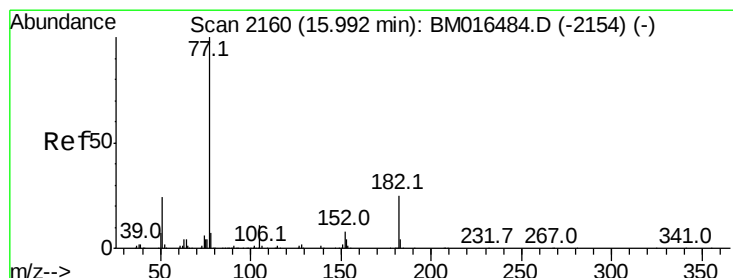
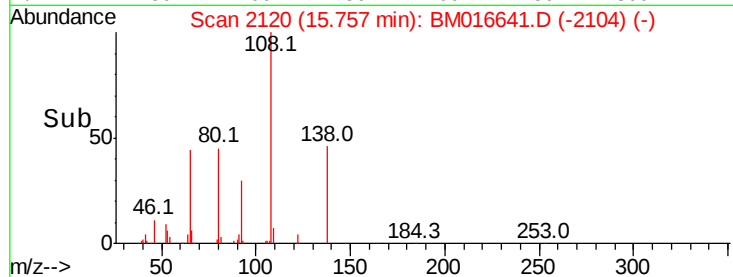
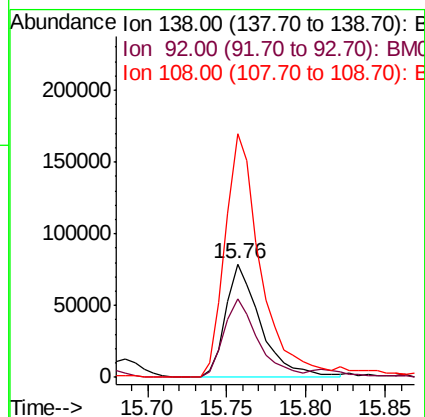
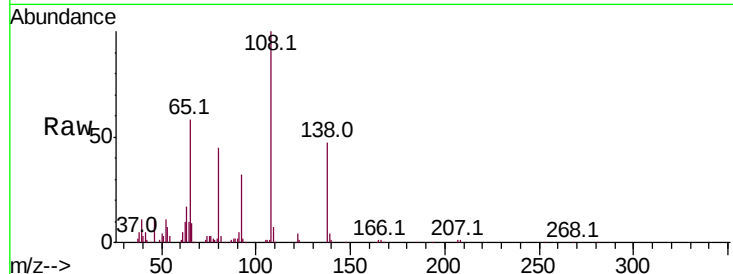




#61
4-Nitroaniline
Concen: 28.185 ng
RT: 15.76 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

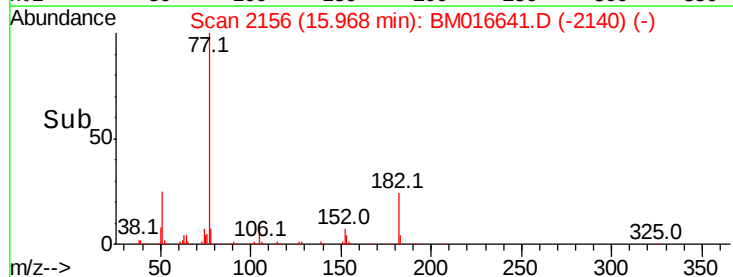
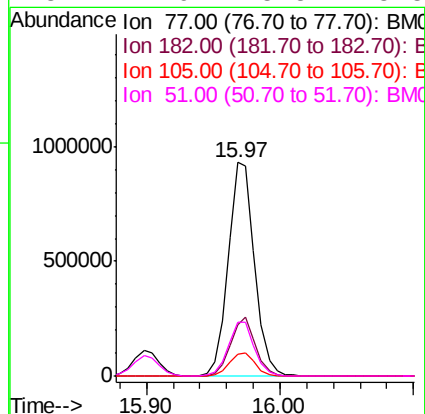
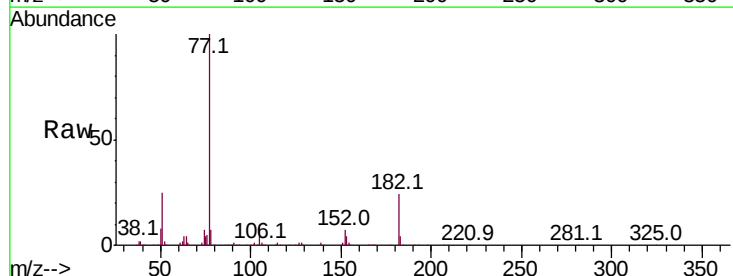
Instrument :
BNA_M
ClientSampleId :
PB112537BSD

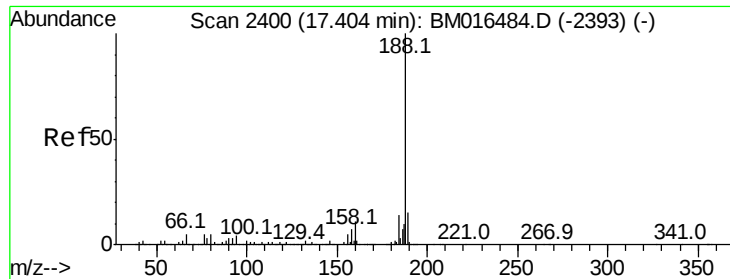
Tot Ion	Ratio	Lower	Upper
138	100		
92	69.2	16.7	56.7#
108	214.2	37.6	77.6#



#62
Azobenzene
Concen: 46.380 ng
RT: 15.97 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	6.5	46.5
105	10.5	3.8	43.8
51	24.9	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: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

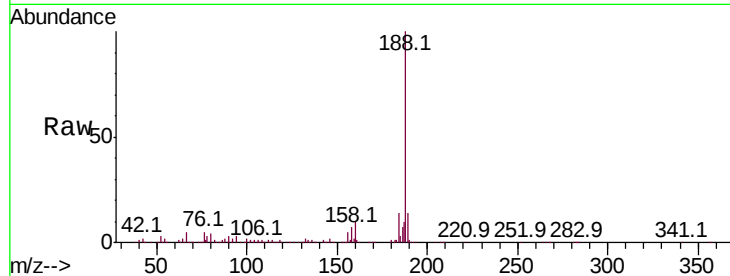
Tot Ion:188 Resp: 799798

Ion Ratio Lower Upper

188 100

94 2.9 8.7 13.1#

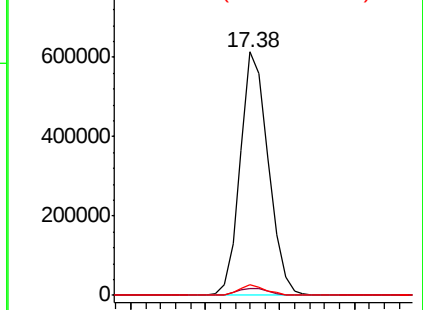
80 4.2 9.3 13.9#



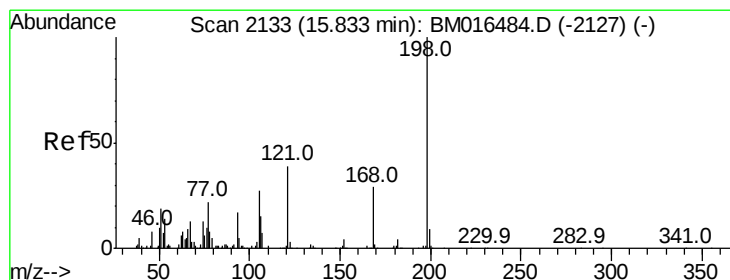
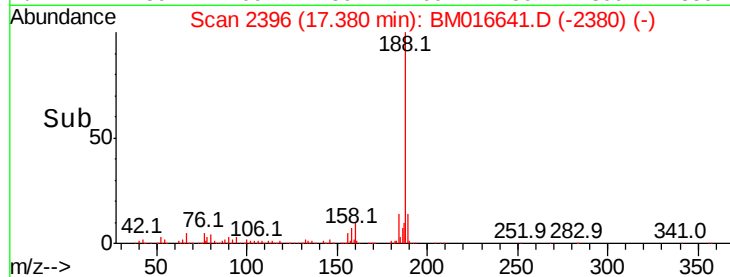
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time--> 17.30 17.35 17.40 17.45



#64

4,6-Dinitro-2-methylphenol

Concen: 36.174 ng

RT: 15.82 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

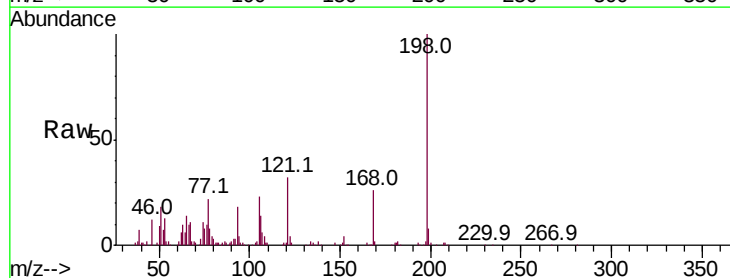
Tgt Ion:198 Resp: 219832

Ion Ratio Lower Upper

198 100

51 18.4 28.8 68.8#

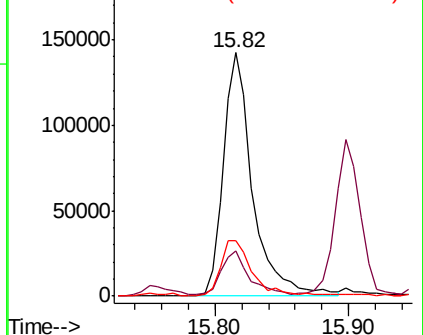
105 22.8 30.5 70.5#



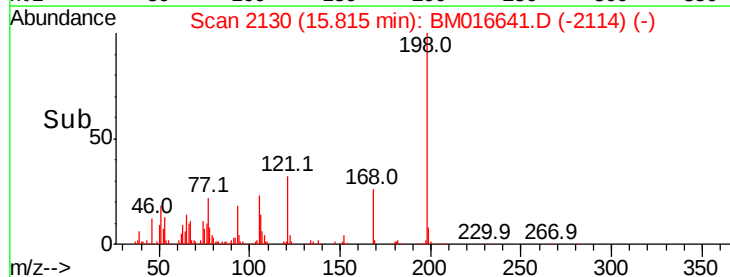
Abundance Ion 198.00 (197.70 to 198.70): E

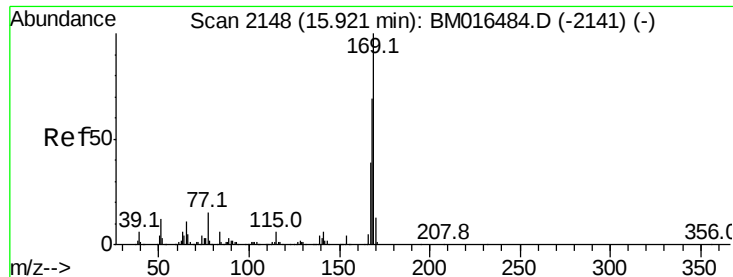
Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



Time--> 15.80 15.90

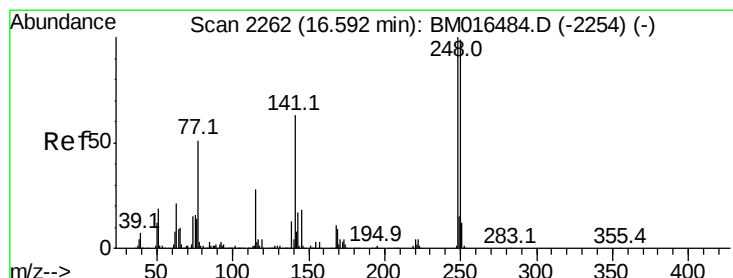
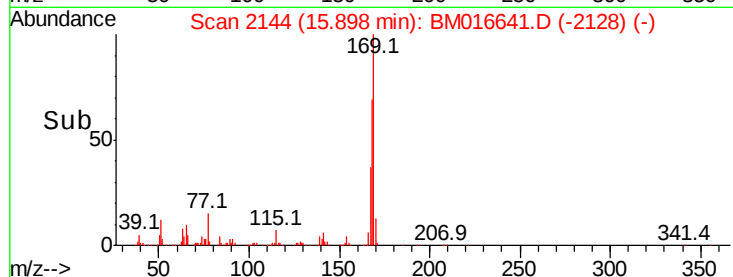
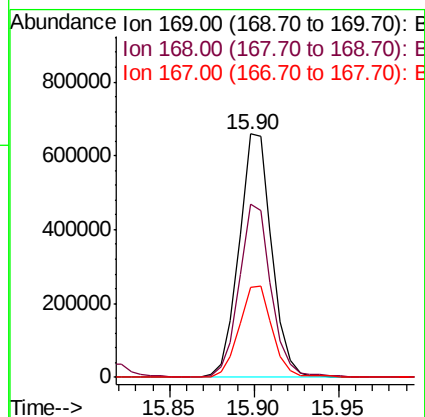
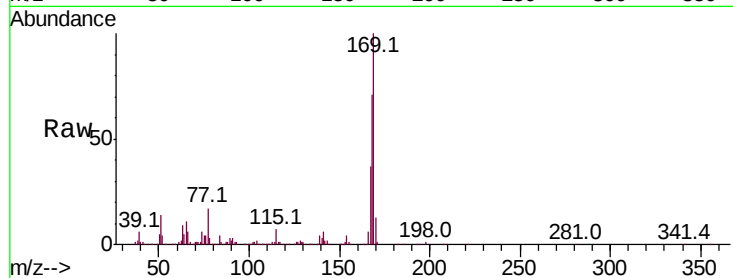




#65
n-Nitrosodiphenylamine
Concen: 39.343 ng
RT: 15.90 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

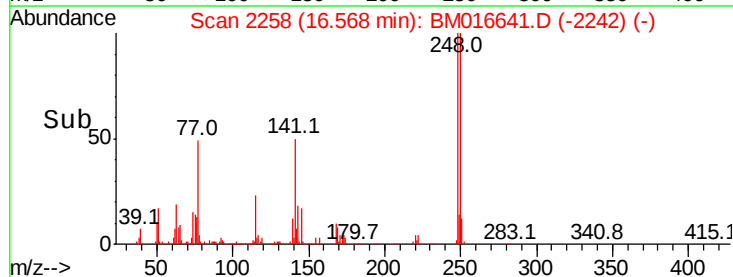
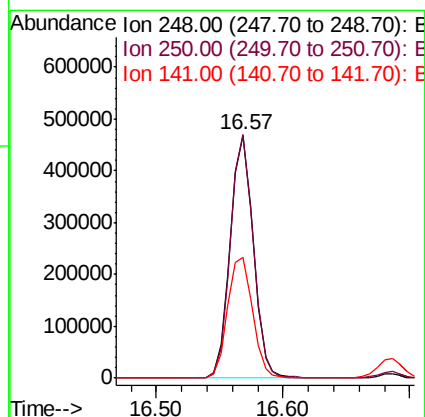
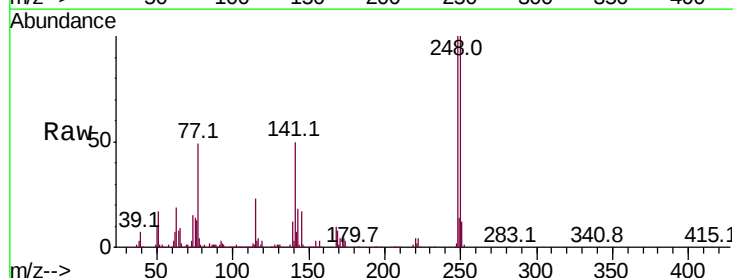
Instrument :
BNA_M
ClientSampleId :
PB112537BSD

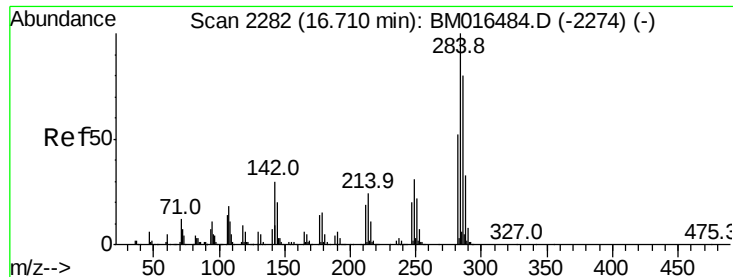
Tot Ion	Ratio	Lower	Upper
169	100		
168	71.1	53.9	80.9
167	36.8	28.9	43.3



#66
4-Bromophenyl-phenylether
Concen: 48.067 ng
RT: 16.57 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.3	77.4	116.0
141	50.0	45.2	67.8





#67

Hexachlorobenzene

Concen: 44.804 ng

RT: 16.69 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

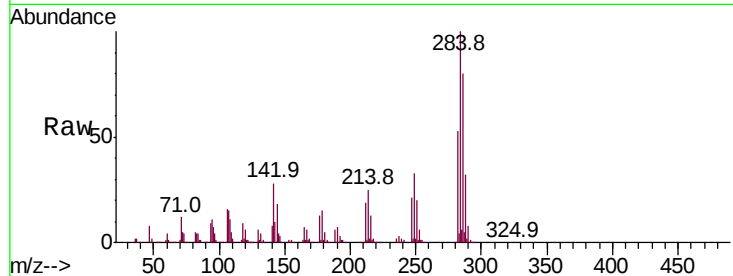
Tot Ion:284 Resp: 642115

Ion Ratio Lower Upper

284 100

142 28.4 20.4 30.6

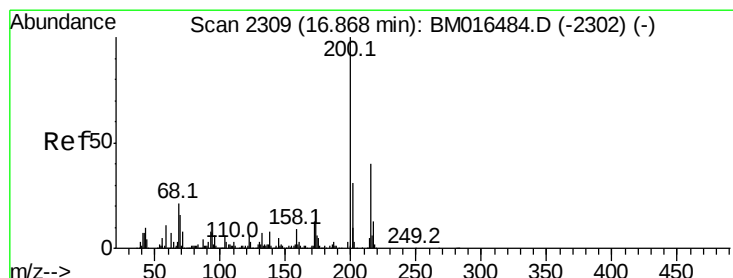
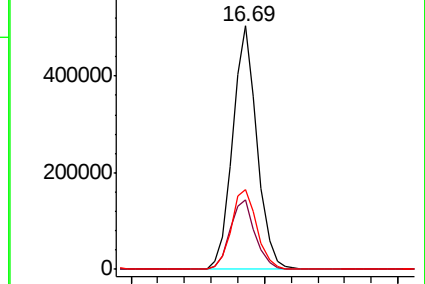
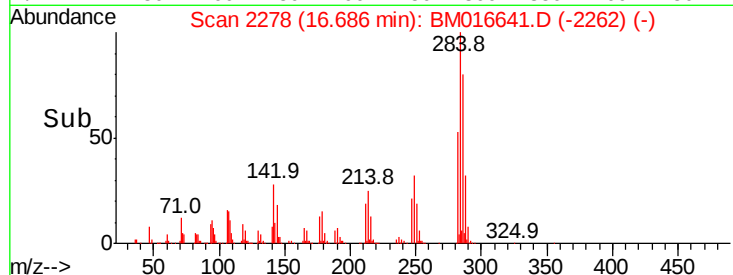
249 32.7 23.8 35.6



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: 52.655 ng

RT: 16.85 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

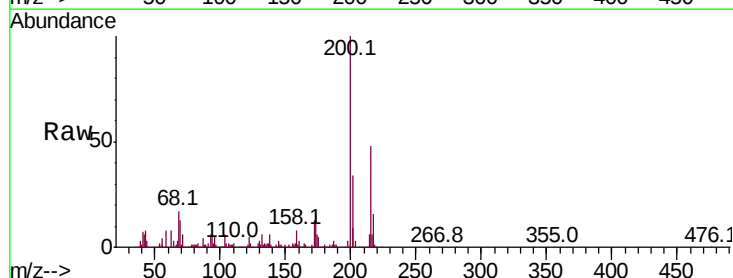
Tgt Ion:200 Resp: 540682

Ion Ratio Lower Upper

200 100

173 15.4 4.8 44.8

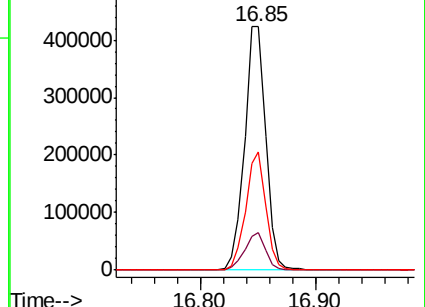
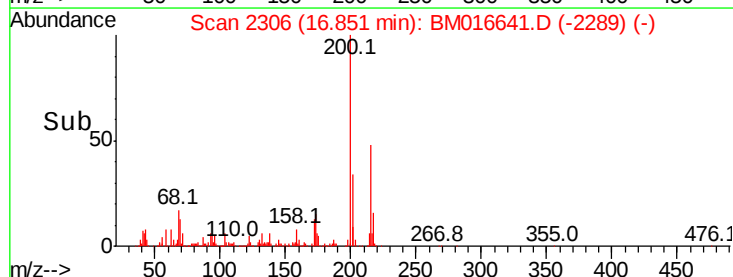
215 48.4 26.9 66.9

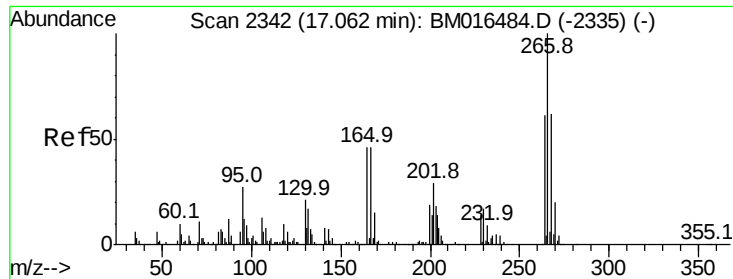


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

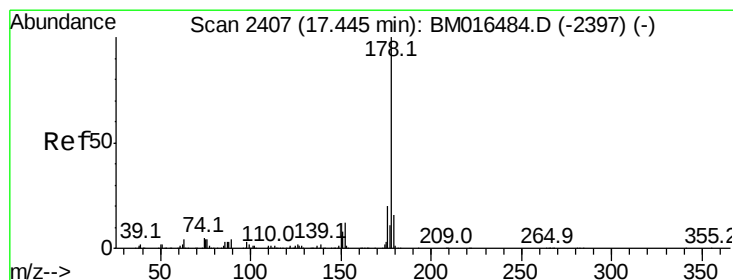
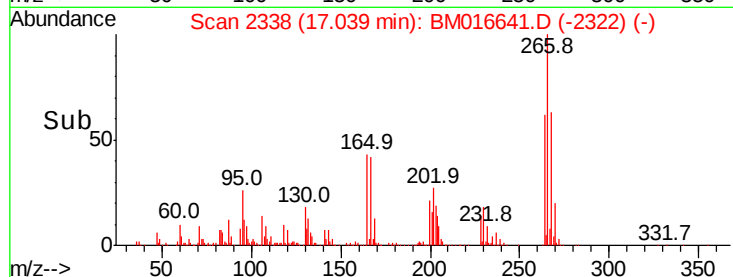
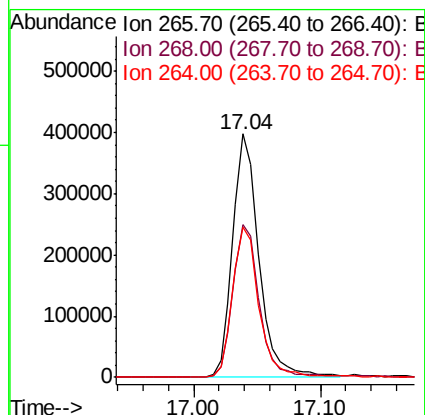
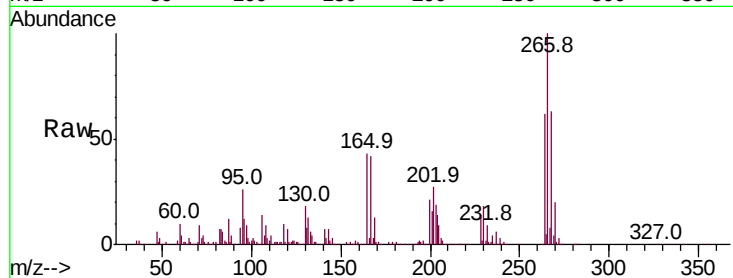




#69
 Pentachlorophenol
 Concen: 75.038 ng
 RT: 17.04 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

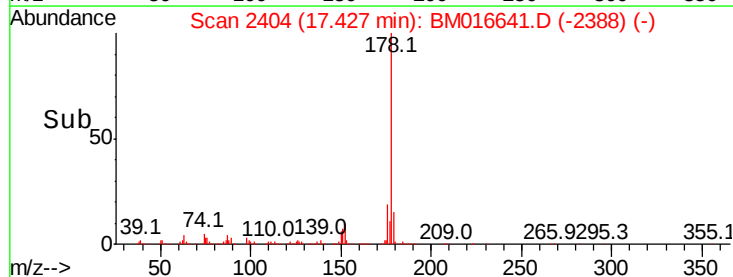
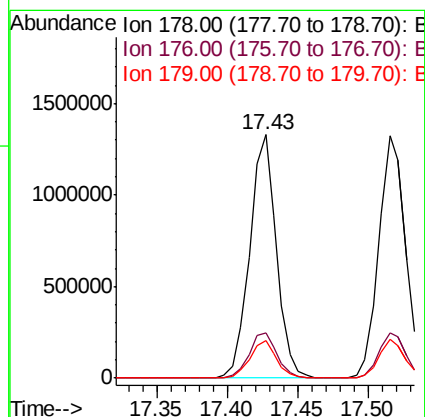
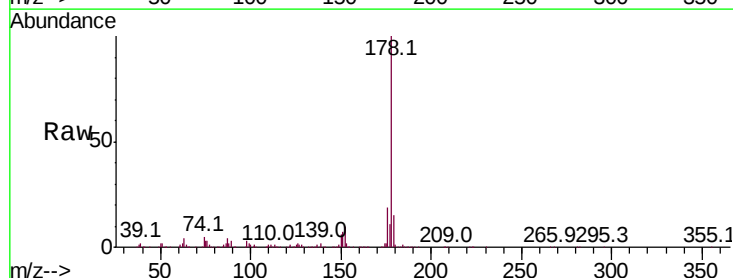
Instrument :
 BNA_M
 ClientSampleID :
 PB112537BSD

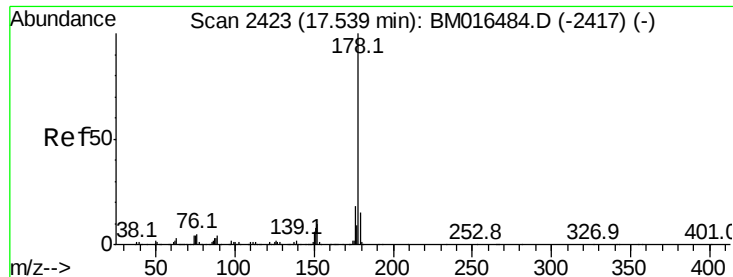
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	52.0	78.0
264	61.9	49.0	73.4



#70
 Phenanthrene
 Concen: 42.509 ng
 RT: 17.43 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.4	12.1	18.1



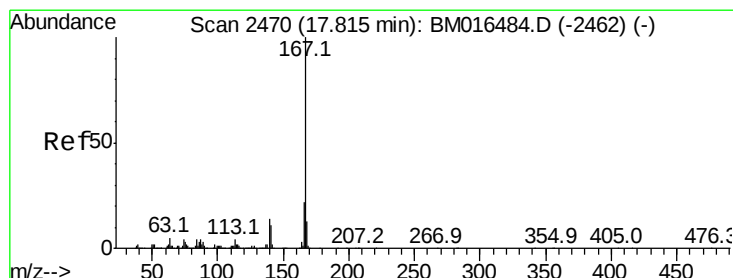
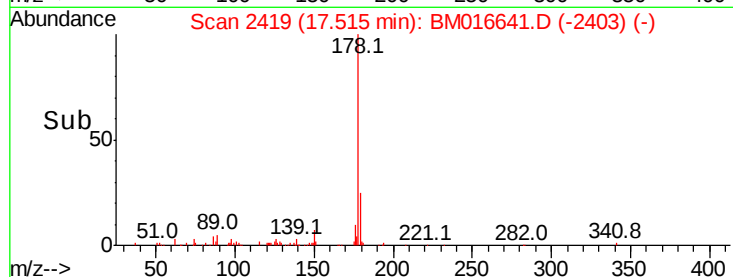
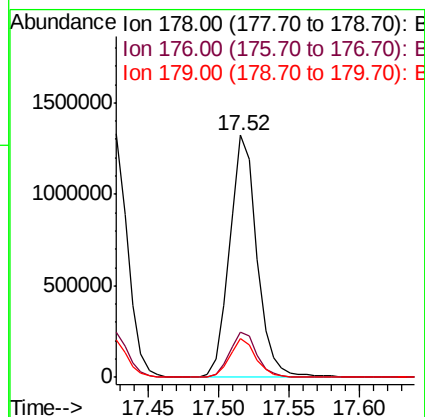
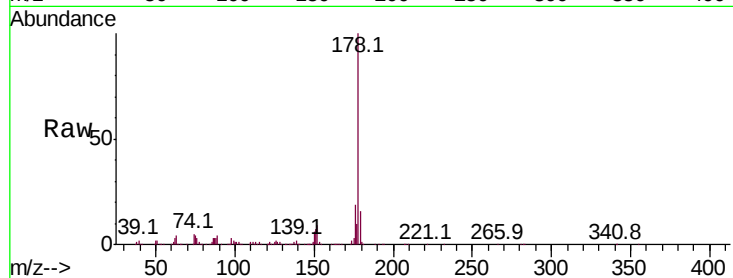


#71
 Anthracene
 Concen: 43.373 ng
 RT: 17.52 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Instrument :
 BNA_M
 ClientSampleId :
 PB112537BSD

Tot Ion:178 Resp: 1780408

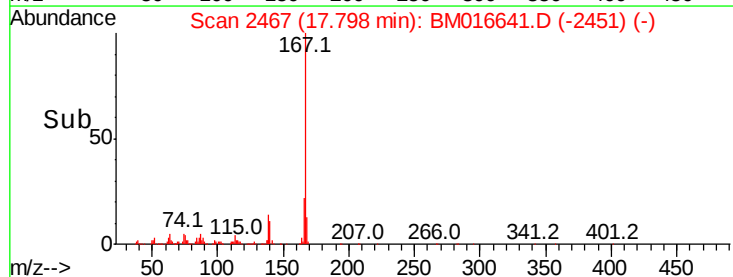
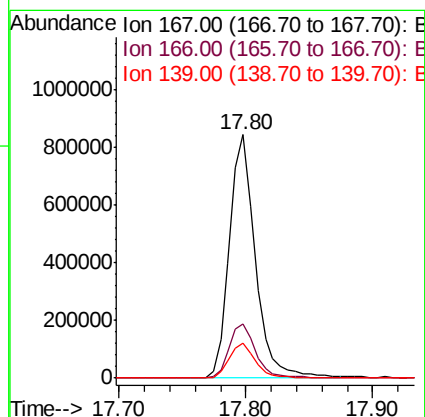
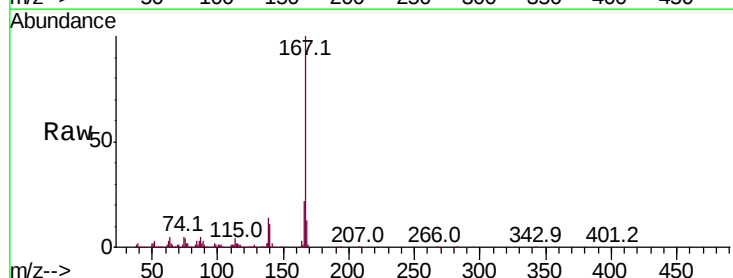
Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	16.3	12.6	19.0

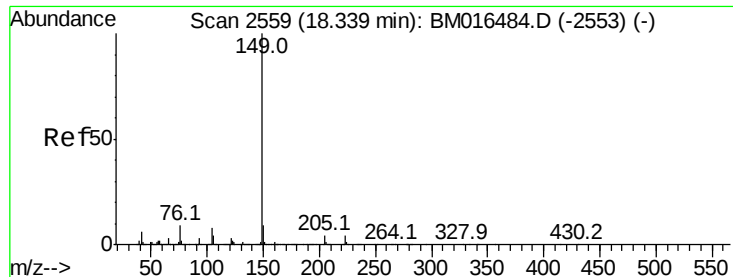


#72
 Carbazole
 Concen: 32.455 ng
 RT: 17.80 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BM016641.D
 Acq: 31 Aug 2018 17:49

Tgt Ion:167 Resp: 1197232

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	14.2	10.8	16.2

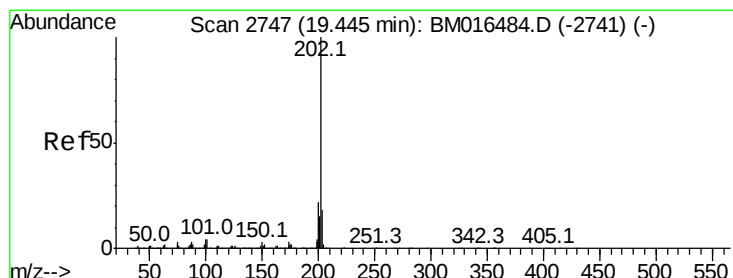
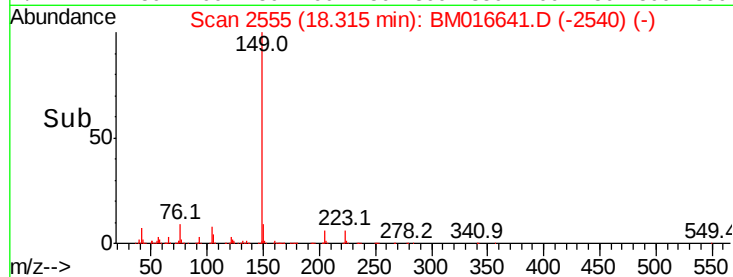
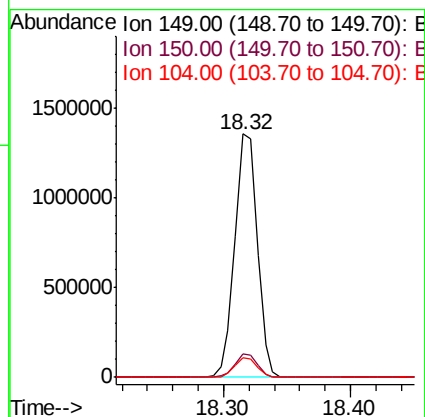
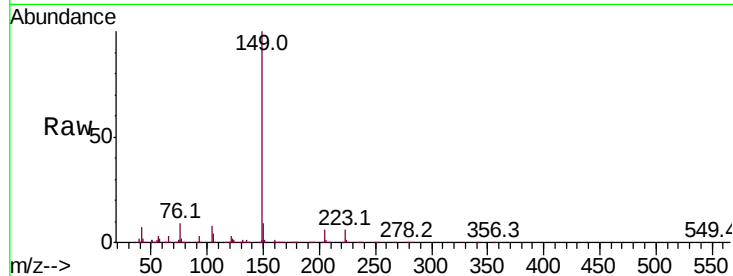




#73
Di-n-butylphthalate
Concen: 36.967 ng
RT: 18.32 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

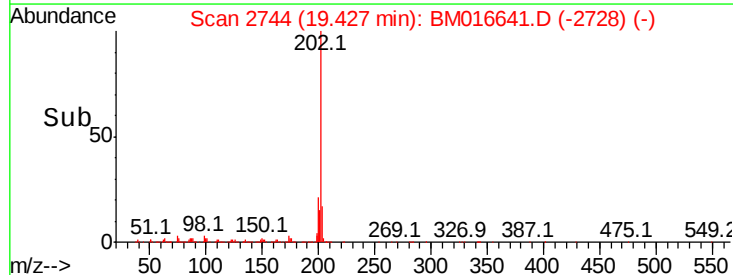
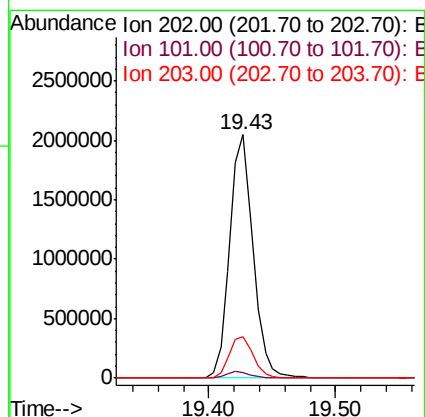
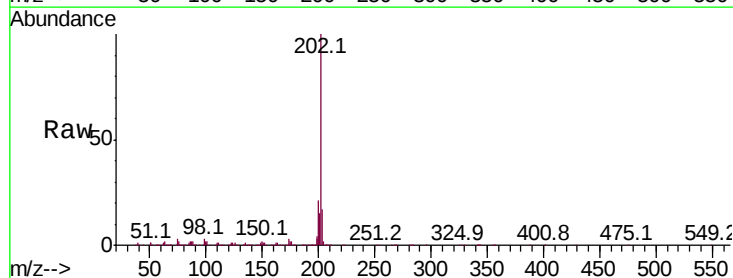
Instrument :
BNA_M
ClientSampleId :
PB112537BSD

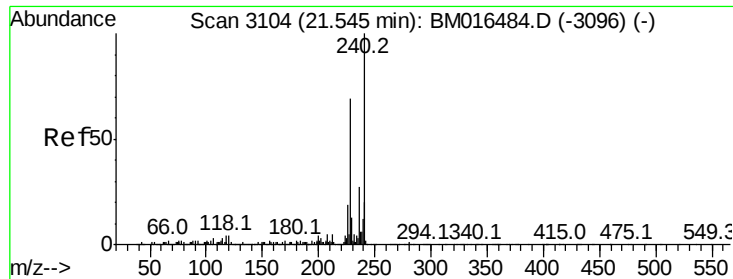
Tot Ion:149 Resp: 1662544
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 8.1 3.7 5.5#



#74
Fluoranthene
Concen: 43.021 ng
RT: 19.43 min Scan# 2744
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion:202 Resp: 2607508
Ion Ratio Lower Upper
202 100
101 2.4 0.0 28.7
203 17.0 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

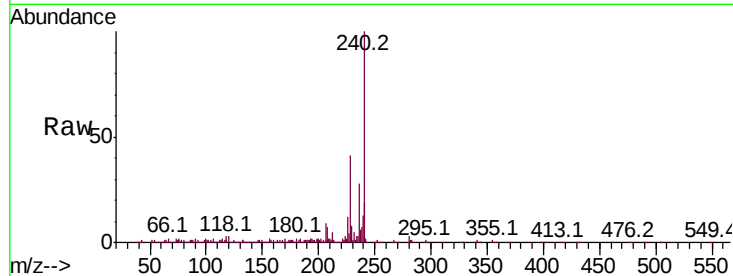
Tot Ion:240 Resp: 1077393

Ion Ratio Lower Upper

240 100

120 2.9 8.2 12.2#

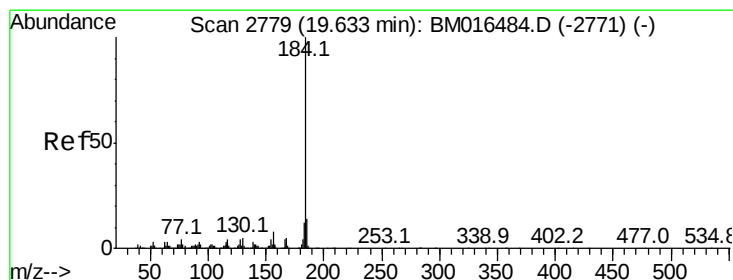
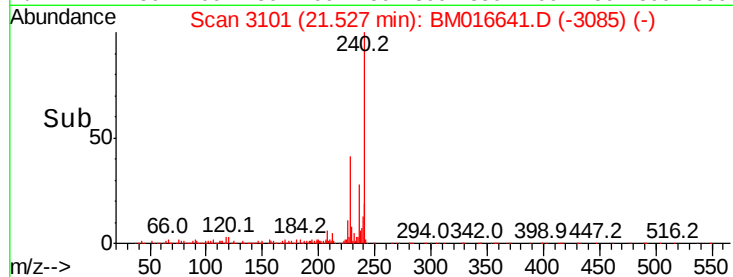
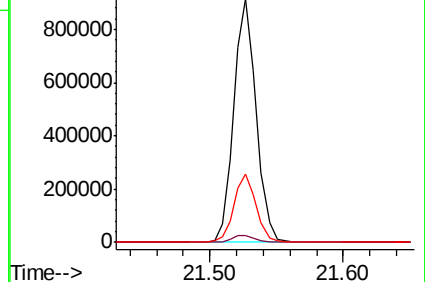
236 27.9 20.0 30.0



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: 44.632 ng

RT: 19.62 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

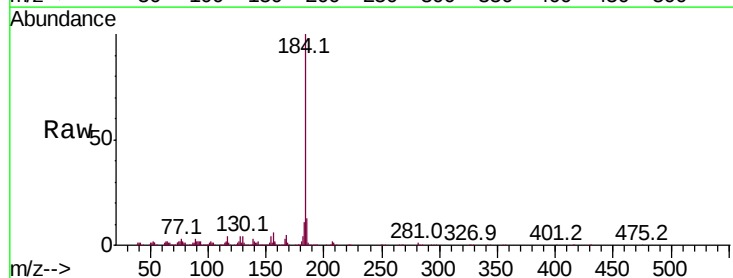
Tgt Ion:184 Resp: 924748

Ion Ratio Lower Upper

184 100

185 12.8 11.3 16.9

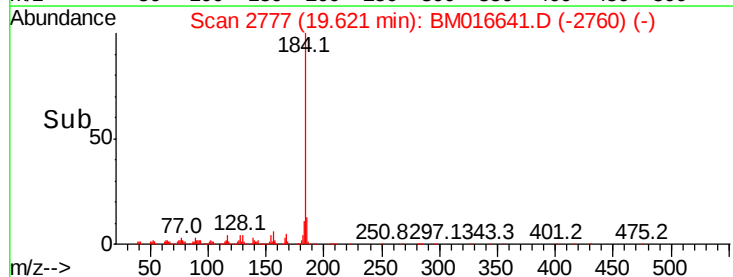
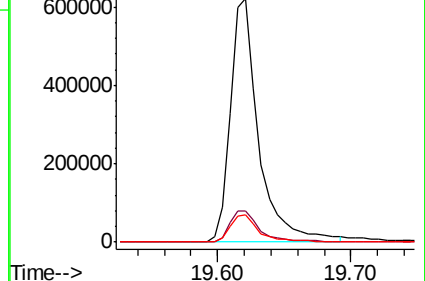
183 11.3 8.9 13.3



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: 45.553 ng

RT: 19.79 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

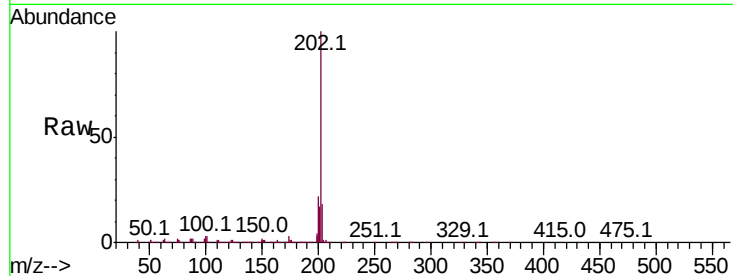
BNA_M

ClientSampleId :

PB112537BSD

Tot Ion:202 Resp: 2667237

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.7	14.1	21.1

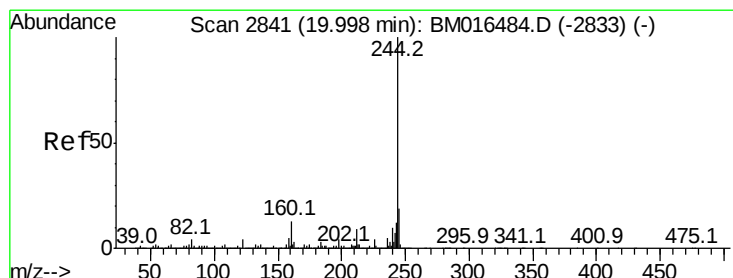
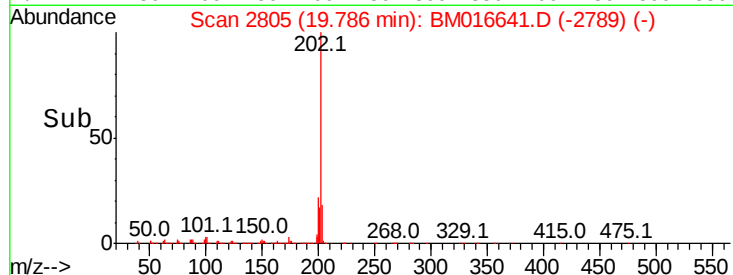
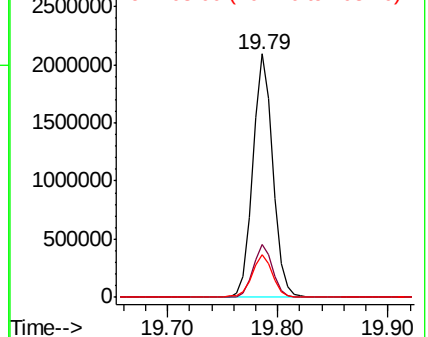


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.641 ng

RT: 19.97 min Scan# 2837

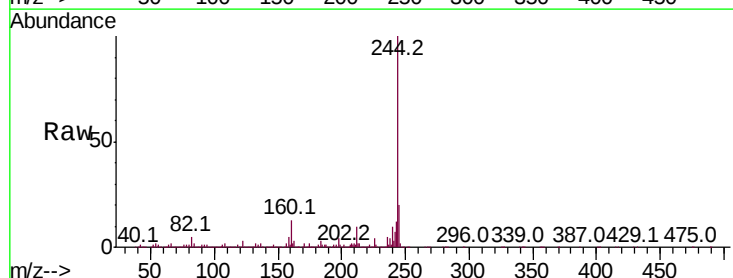
Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Tgt Ion:244 Resp: 4410281

Ion	Ratio	Lower	Upper
244	100		
212	9.5	4.9	7.3#
122	3.3	6.2	9.4#

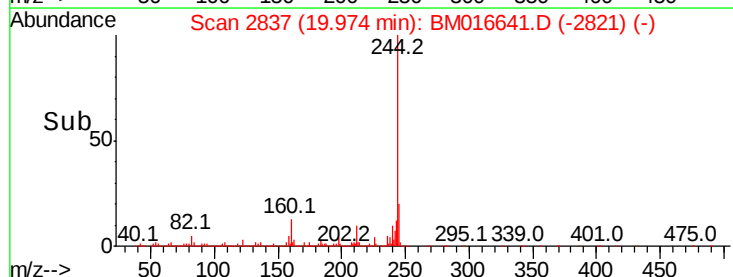
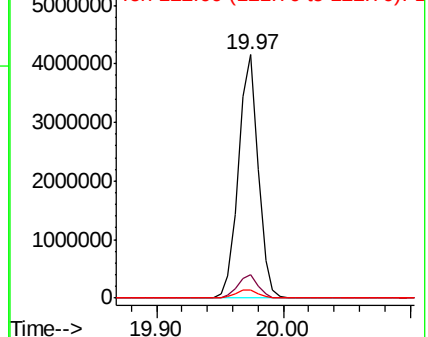


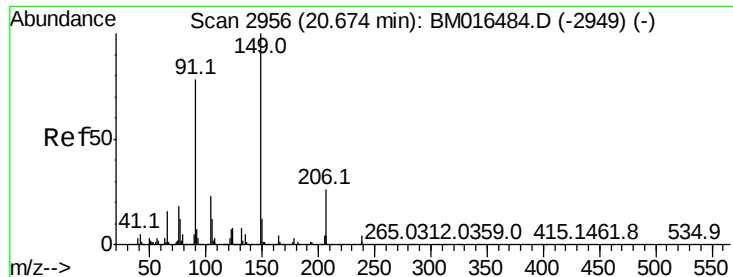
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

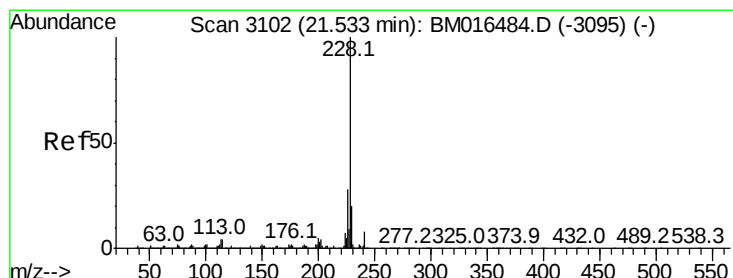
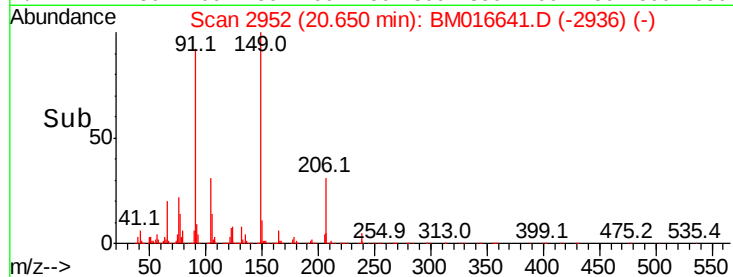
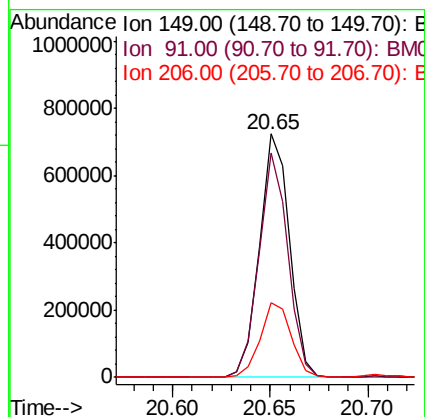
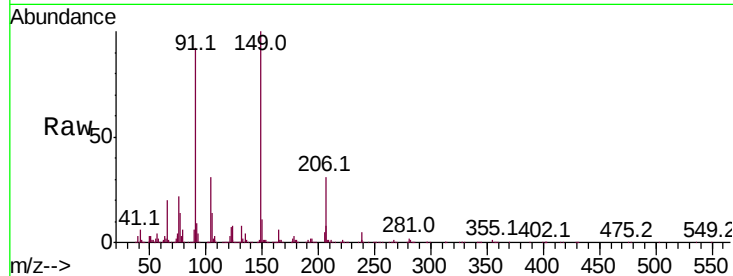




#79
Butylbenzylphthalate
Concen: 38.100 ng
RT: 20.65 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

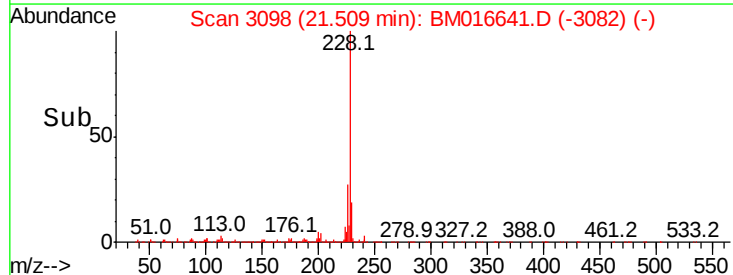
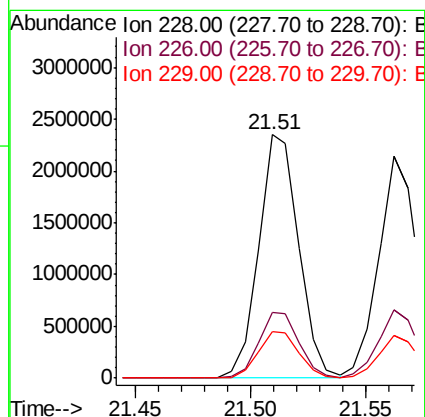
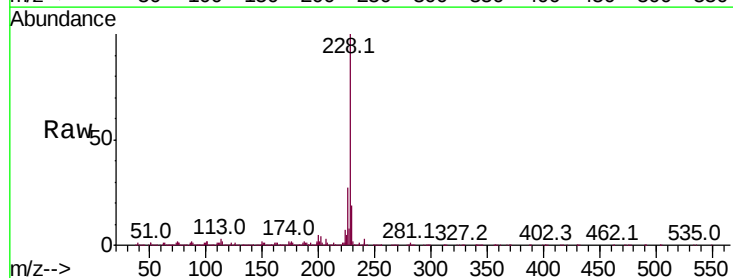
Instrument :
BNA_M
ClientSampleId :
PB112537BSD

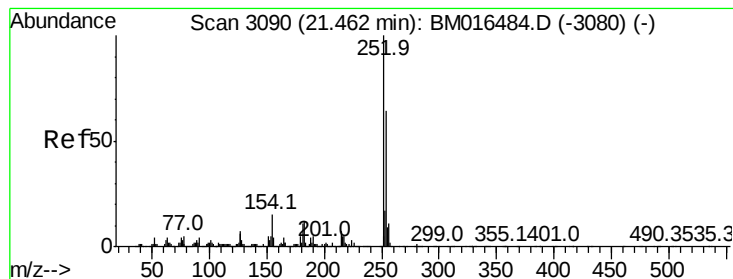
Tot Ion:149 Resp: 770039
Ion Ratio Lower Upper
149 100
91 92.1 50.1 75.1#
206 30.9 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 44.644 ng
RT: 21.51 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM016641.D
Acq: 31 Aug 2018 17:49

Tgt Ion:228 Resp: 2827817
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.2 16.0 24.0





#81

3,3'-Dichlorobenzidine

Concen: 24.901 ng

RT: 21.44 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

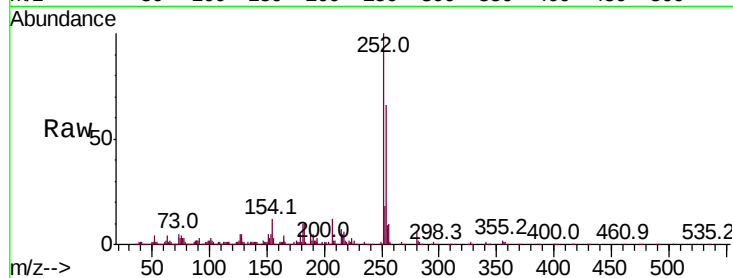
Tot Ion:252 Resp: 702079

Ion Ratio Lower Upper

252 100

254 65.6 51.9 77.9

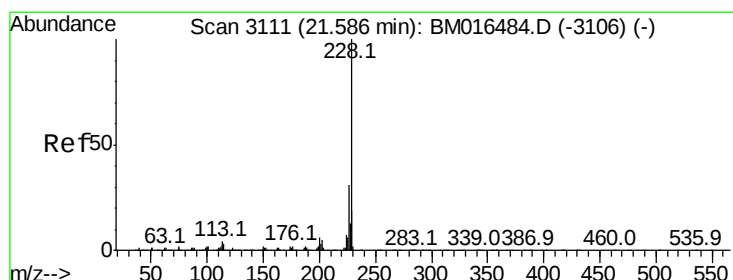
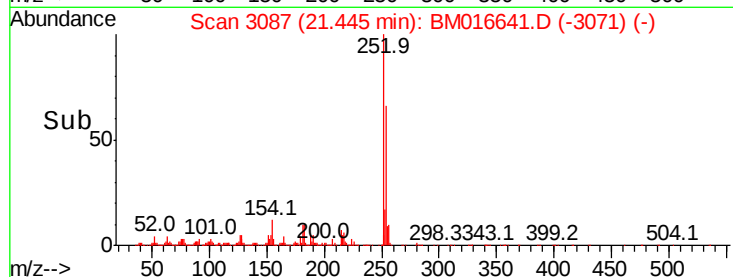
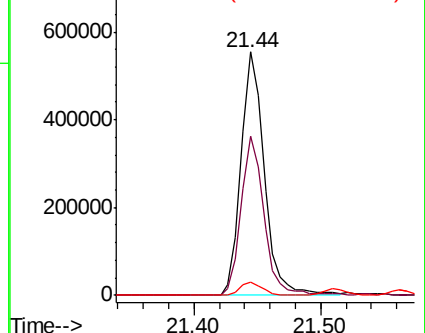
126 5.2 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 41.948 ng

RT: 21.56 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

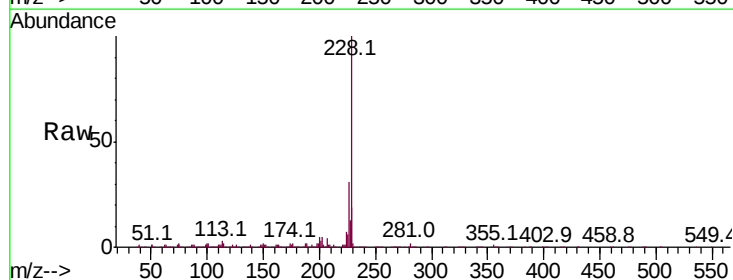
Tgt Ion:228 Resp: 2535174

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

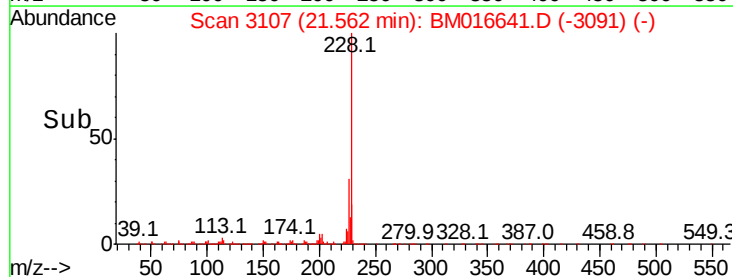
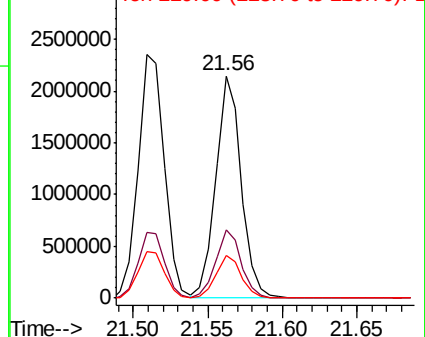
229 19.1 15.5 23.3

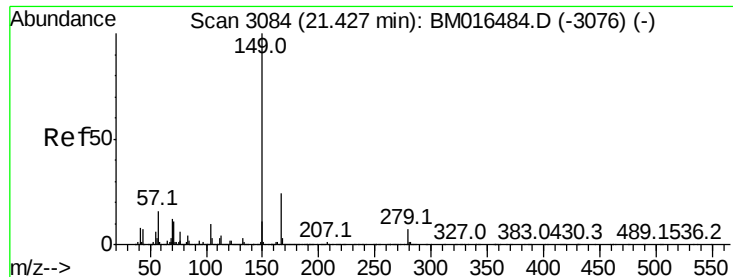


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.707 ng

RT: 21.40 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

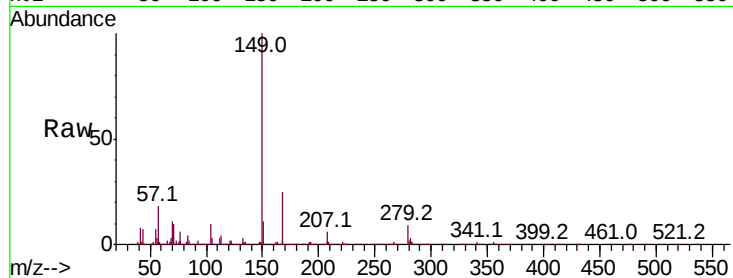
Tot Ion:149 Resp: 1102878

Ion	Ratio	Lower	Upper
149	100		
167	25.0	22.4	33.6
279	8.8	3.4	5.0

149 100

167 25.0 22.4 33.6

279 8.8 3.4 5.0

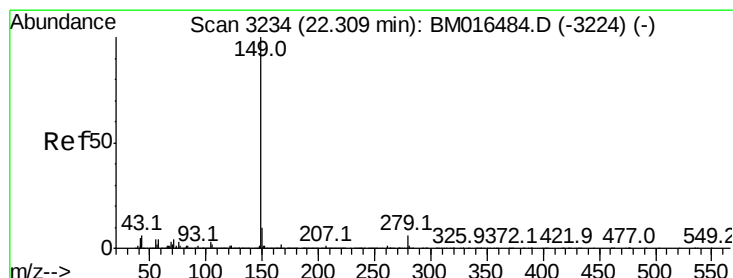
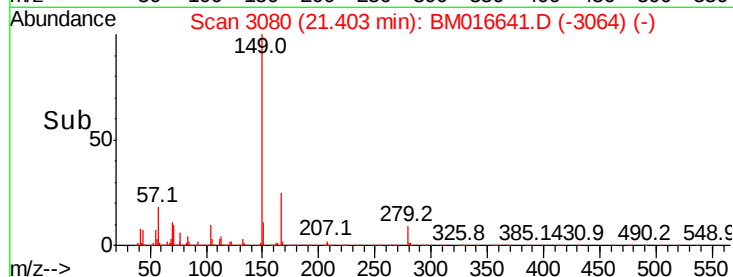
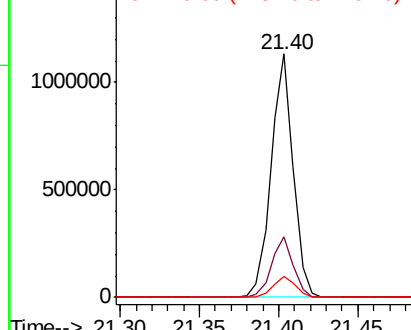


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.142 ng

RT: 22.29 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

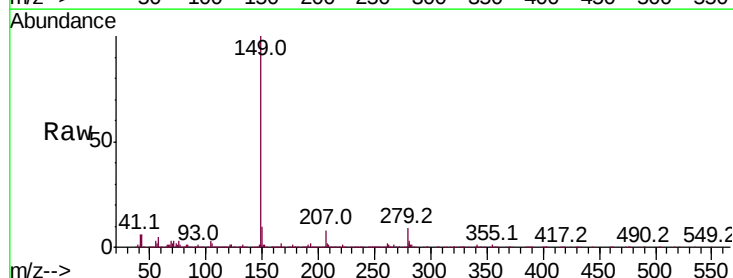
Tgt Ion:149 Resp: 1804569

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	6.6	7.3	10.9

149 100

167 1.6 1.2 1.8

43 6.6 7.3 10.9

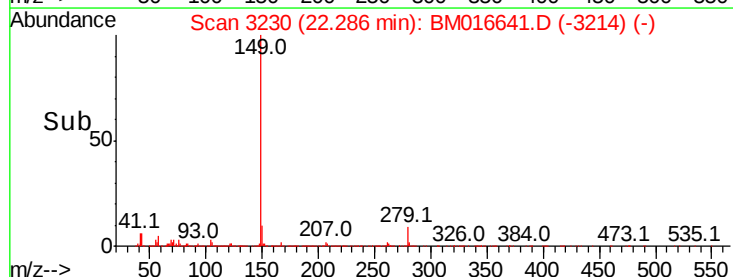
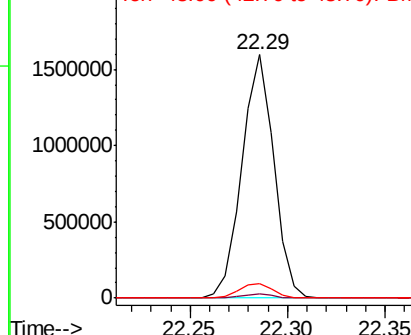


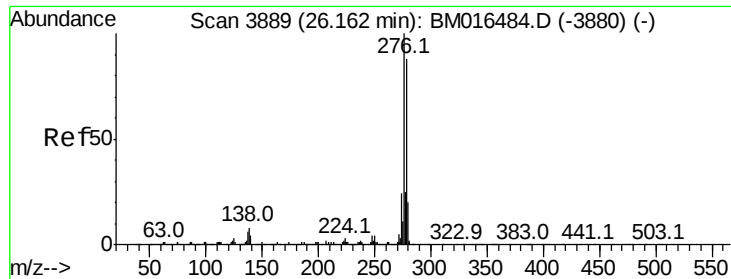
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.718 ng

RT: 26.12 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

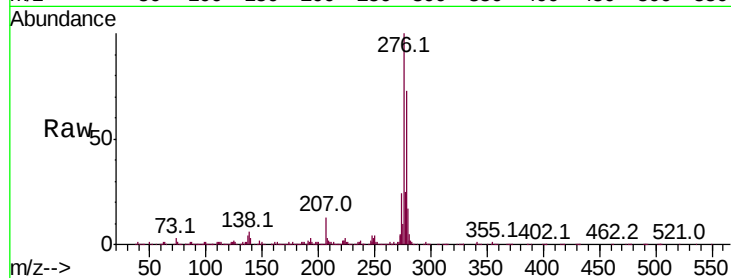
BNA_M

ClientSampleId :

PB112537BSD

Tot Ion:276 Resp: 3104365

Ion	Ratio	Lower	Upper
276	100		
138	5.9	12.0	18.0#
277	25.6	20.0	30.0

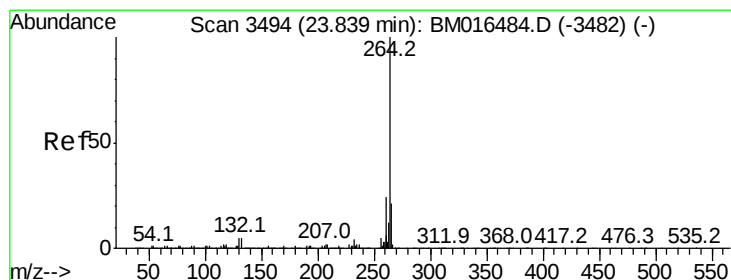
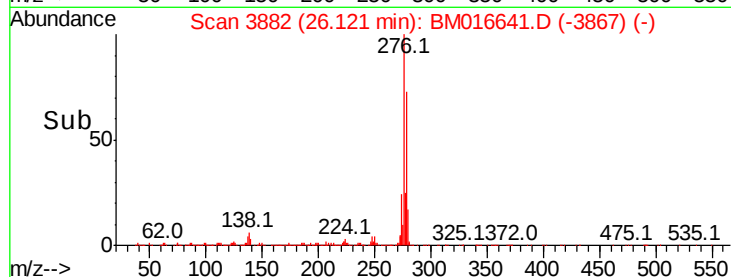
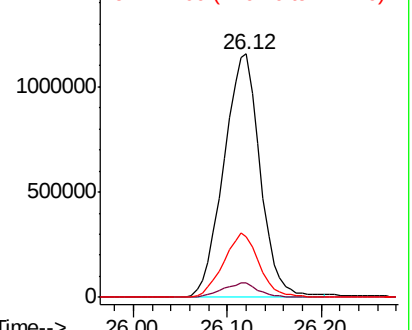


Abundance

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: 23.81 min Scan# 3489

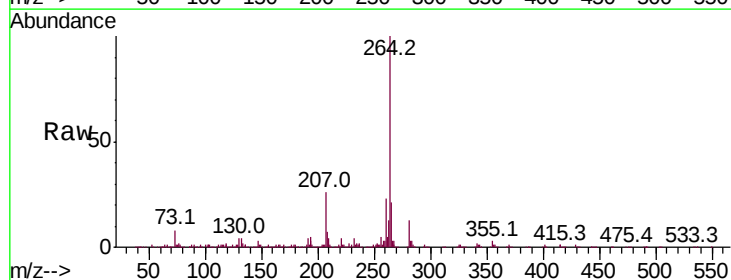
Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Tgt Ion:264 Resp: 1016801

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	20.8	17.3	25.9

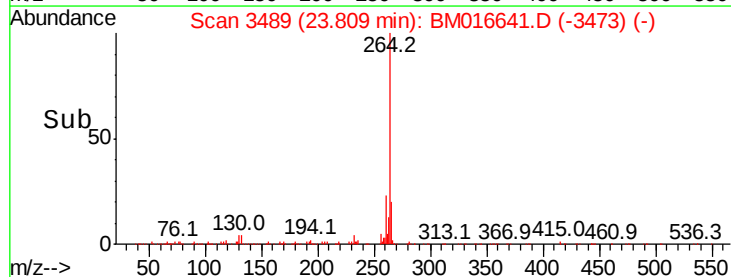
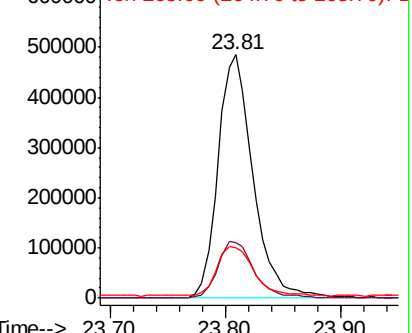


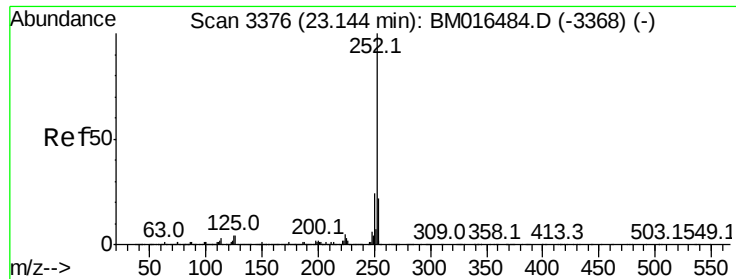
Abundance

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: 49.206 ng

RT: 23.12 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

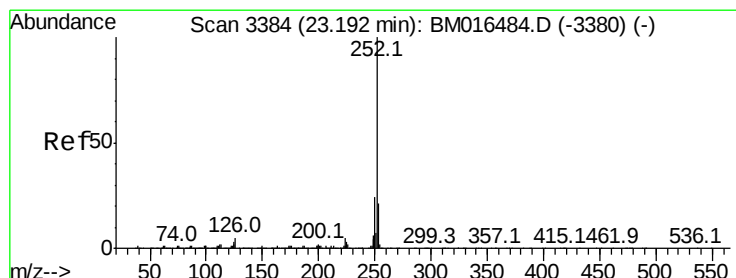
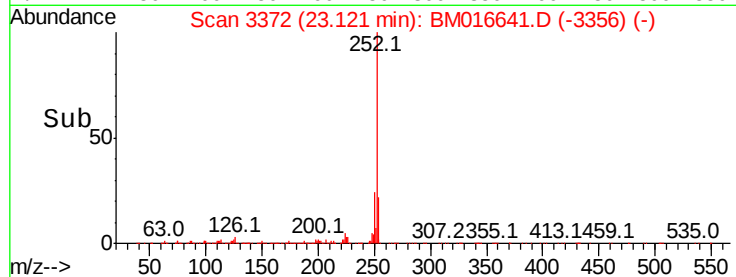
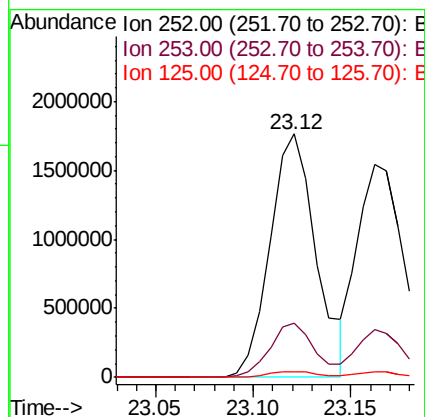
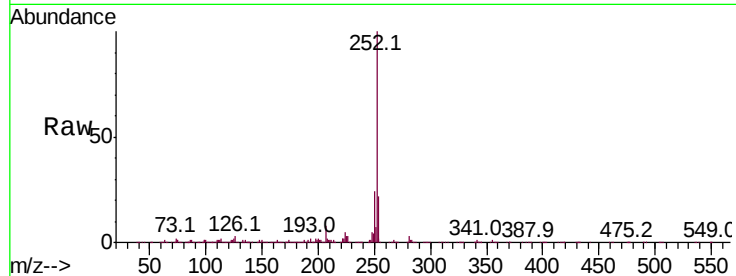
Tot Ion:252 Resp: 2884135

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 2.2 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 43.456 ng

RT: 23.16 min Scan# 3379

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

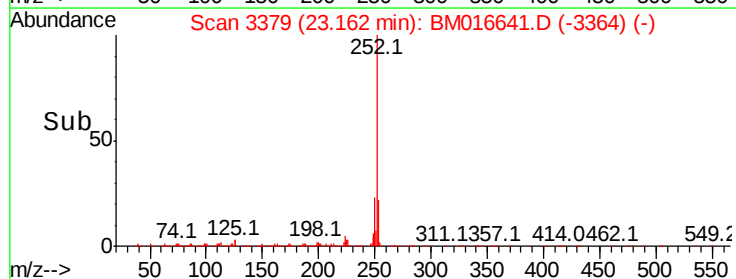
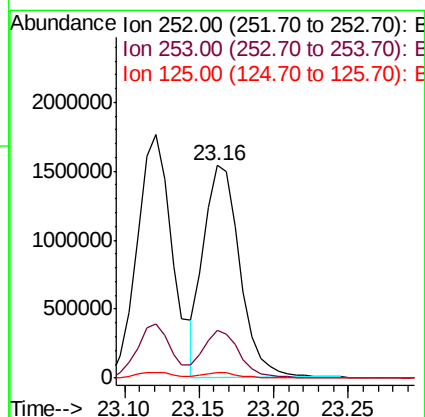
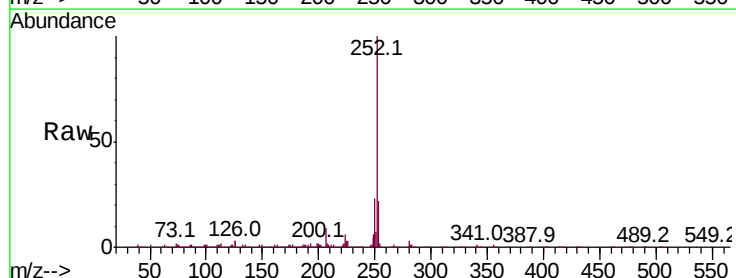
Tgt Ion:252 Resp: 2591659

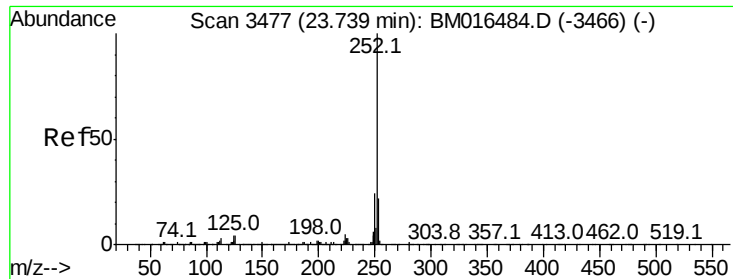
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 2.6 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 45.629 ng

RT: 23.71 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

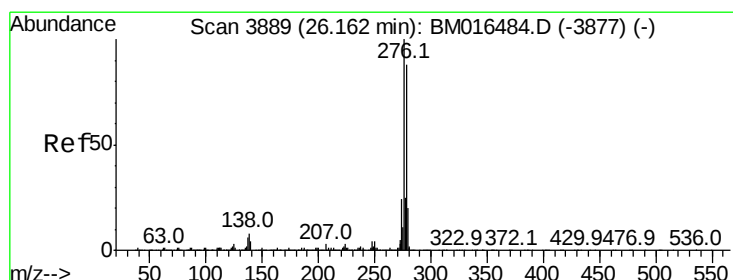
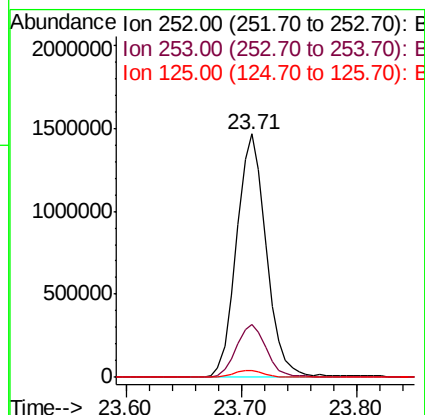
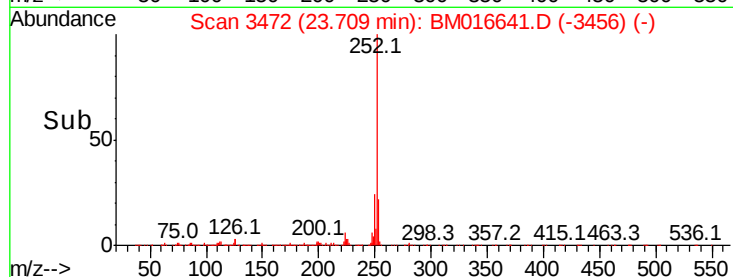
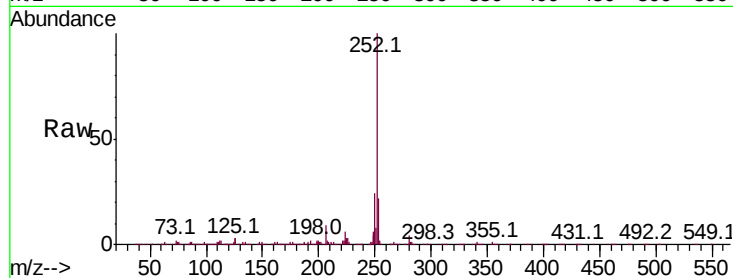
Tot Ion:252 Resp: 2602283

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 2.6 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 40.754 ng

RT: 26.11 min Scan# 3880

Delta R.T. -0.02 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

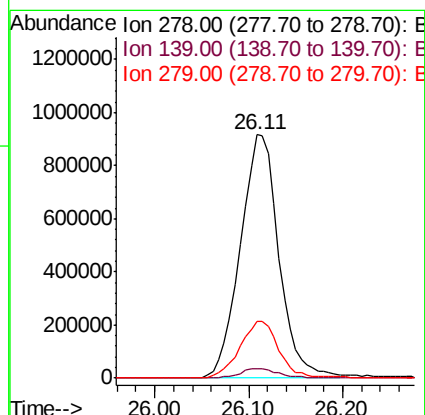
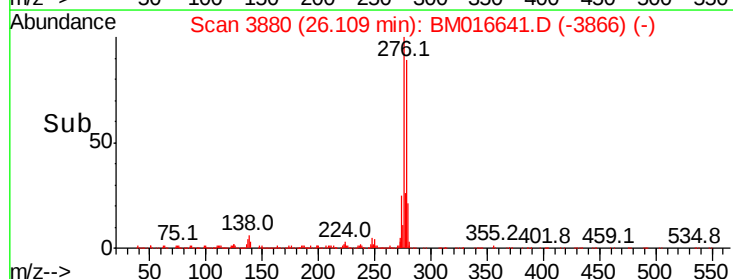
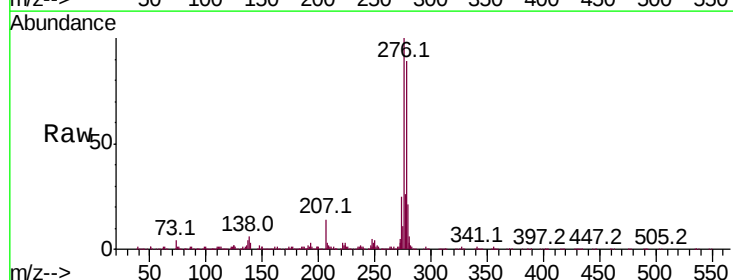
Tgt Ion:278 Resp: 2604878

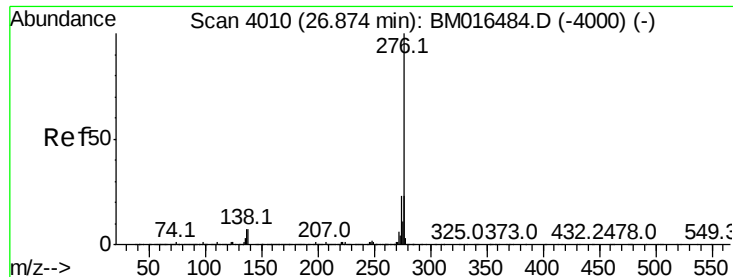
Ion Ratio Lower Upper

278 100

139 3.6 13.4 20.0#

279 23.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 41.936 ng

RT: 26.83 min Scan# 4002

Delta R.T. -0.01 min

Lab File: BM016641.D

Acq: 31 Aug 2018 17:49

Instrument :

BNA_M

ClientSampleId :

PB112537BSD

Tot Ion:276 Resp: 2406054

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 5.4 19.0 28.6#

