

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016629.D
 Acq On : 28 Aug 2018 05:51
 Operator : SJ/JU
 Sample : PB112404BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112404BS

Quant Time: Aug 28 07:53:04 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	98654	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	389791	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	295667	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	932322	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1204533	20.00	ng	0.00
86) Perylene-d12	23.81	264	1123392	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	425389	84.50	ng	0.00
7) Phenol-d6	7.18	99	533871	80.14	ng	0.00
23) Nitrobenzene-d5	9.19	82	783872	91.82	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	726983	87.96	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	2999277	97.51	ng	0.00
78) Terphenyl-d14	19.97	244	5938972	104.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	92988	33.433	ng	# 100
3) Pyridine	3.80	79	181516	31.368	ng	# 81
4) n-Nitrosodimethylamine	3.72	42	119709	46.435	ng	# 66
6) Aniline	7.34	93	169592	22.749	ng	90
8) 2-Chlorophenol	7.56	128	240152	40.089	ng	94
9) Benzaldehyde	7.16	77	139559	30.186	ng	# 72
10) Phenol	7.21	94	244236	37.071	ng	86
11) bis(2-Chloroethyl)ether	7.43	93	179737	36.381	ng	95
12) 1,3-Dichlorobenzene	7.88	146	280215	35.281	ng	# 82
13) 1,4-Dichlorobenzene	8.03	146	283267	34.753	ng	# 92
14) 1,2-Dichlorobenzene	8.35	146	289392	36.139	ng	95
15) Benzyl Alcohol	8.26	79	219453	35.472	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.52	45	120598	35.451	ng	# 43
17) 2-Methylphenol	8.46	107	187190	39.236	ng	# 75
18) Hexachloroethane	9.06	117	168139	44.777	ng	# 50
19) n-Nitroso-di-n-propylamine	8.82	70	195902	37.507	ng	# 85
20) 3+4-Methylphenols	8.80	107	248525	37.675	ng	# 81
22) Acetophenone	8.85	105	375714	40.028	ng	# 98
24) Nitrobenzene	9.23	77	346127	40.579	ng	# 89
25) Isophorone	9.75	82	539078	47.247	ng	# 91
26) 2-Nitrophenol	9.94	139	134598	36.911	ng	# 26
27) 2,4-Dimethylphenol	9.99	122	226872	47.741	ng	# 76
28) bis(2-Chloroethoxy)methane	10.22	93	273846	40.207	ng	96
29) 2,4-Dichlorophenol	10.47	162	330786	46.509	ng	94
30) 1,2,4-Trichlorobenzene	10.67	180	519942	48.178	ng	# 95
31) Naphthalene	10.86	128	784735	42.255	ng	99
32) Benzoic acid	10.22	122	122369	30.776	ng	# 80
33) 4-Chloroaniline	11.00	127	96148	12.302	ng	# 87
34) Hexachlorobutadiene	11.10	225	546484	53.054	ng	97
35) Caprolactam	11.82	113	54812	32.117	ng	# 62
36) 4-Chloro-3-methylphenol	12.12	107	277764	40.624	ng	94
37) 2-Methylnaphthalene	12.46	142	669116	46.024	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	831096	49.771	ng	# 100
40) Hexachlorocyclopentadiene	12.78	237	959500	110.226	ng	98

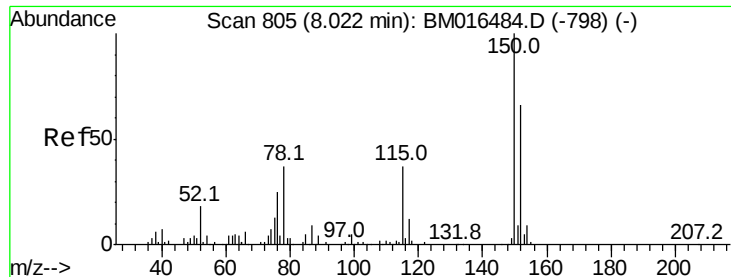
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
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 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	467511	46.819	nq	92
43) 2,4,5-Trichlorophenol	13.17	196	457364	46.890	nq #	93
45) 1,1'-Biphenyl	13.47	154	964150	37.189	nq	94
46) 2-Chloronaphthalene	13.52	162	805262	38.232	nq	95
47) 2-Nitroaniline	13.76	65	203719	36.312	nq #	82
48) Acenaphthylene	14.37	152	1190954	40.057	nq	98
49) Dimethylphthalate	14.11	163	1175298	41.375	nq #	98
50) 2,6-Dinitrotoluene	14.25	165	224025	40.434	nq #	70
51) Acenaphthene	14.71	154	706594	38.684	nq	95
52) 3-Nitroaniline	14.59	138	91700	18.190	nq #	68
53) 2,4-Dinitrophenol	14.82	184	174671	62.997	nq #	70
54) Dibenzofuran	15.04	168	1446821	41.378	nq	94
55) 4-Nitrophenol	14.91	139	193485	60.174	nq #	82
56) 2,4-Dinitrotoluene	15.04	165	355724	38.503	nq #	91
57) Fluorene	15.69	166	1193211	45.172	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	463582	49.449	nq #	100
59) Diethylphthalate	15.46	149	1118680	37.770	nq	94
60) 4-Chlorophenyl-phenylether	15.67	204	1028976	46.451	nq #	86
61) 4-Nitroaniline	15.76	138	138576	28.126	nq #	1
62) Azobenzene	15.97	77	1367200	43.339	nq	91
64) 4,6-Dinitro-2-methylphenol	15.82	198	213672	30.163	nq #	59
65) n-Nitrosodiphenylamine	15.90	169	1008117	38.436	nq	97
66) 4-Bromophenyl-phenylether	16.57	248	641718	44.796	nq	98
67) Hexachlorobenzene	16.69	284	716806	42.907	nq #	93
68) Atrazine	16.85	200	595216	49.726	nq	90
69) Pentachlorophenol	17.04	266	601555	68.054	nq	100
70) Phenanthrene	17.43	178	1996784	41.438	nq	98
71) Anthracene	17.52	178	2008491	41.975	nq	98
72) Carbazole	17.80	167	1371394	31.891	nq	99
73) Di-n-butylphthalate	18.32	149	1864638	35.567	nq #	97
74) Fluoranthene	19.43	202	2899506	41.038	nq	94
76) Benzidine	19.62	184	818887	35.351	nq	98
77) Pyrene	19.79	202	2926671	44.708	nq	98
79) Butylbenzylphthalate	20.66	149	861448	38.124	nq #	71
80) Benzo(a)anthracene	21.52	228	3031739	42.811	nq	99
81) 3,3'-Dichlorobenzidine	21.44	252	629425	19.968	nq #	95
82) Chrysene	21.57	228	2744719	40.621	nq	99
83) Bis(2-ethylhexyl)phthalate	21.40	149	1224901	36.465	nq #	95
84) Di-n-octyl phthalate	22.29	149	1970241	35.295	nq #	94
85) Indeno(1,2,3-cd)pyrene	26.12	276	3365106	34.631	nq #	92
87) Benzo(b)fluoranthene	23.12	252	3041643	46.969	nq #	91
88) Benzo(k)fluoranthene	23.17	252	2877845	43.676	nq #	93
89) Benzo(a)pyrene	23.71	252	2785880	44.213	nq #	94
90) Dibenzo(a,h)anthracene	26.11	278	2842019	40.246	nq #	87
91) Benzo(g,h,i)perylene	26.83	276	2588293	40.832	nq #	81

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

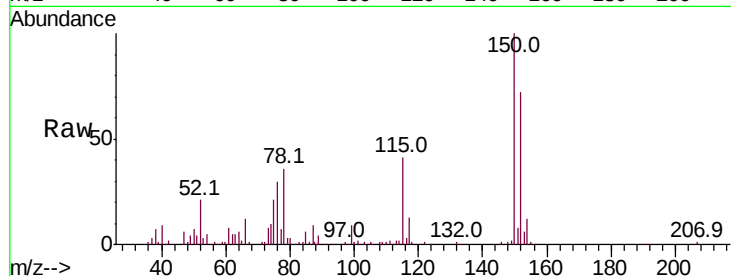


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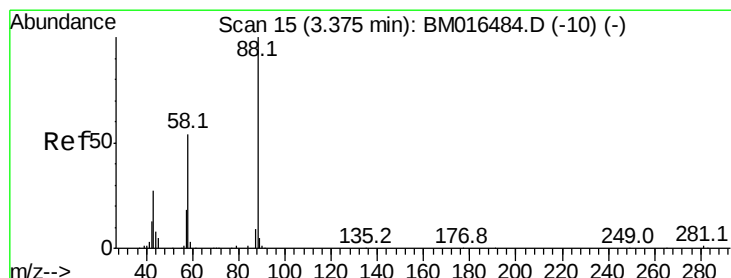
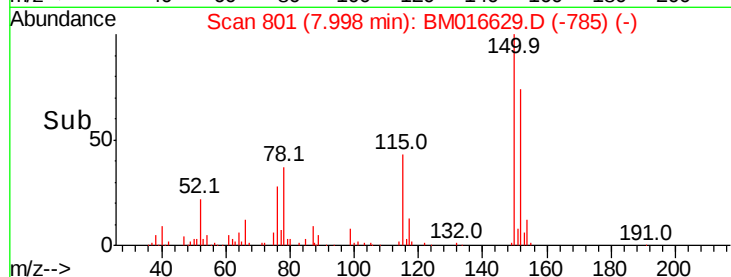
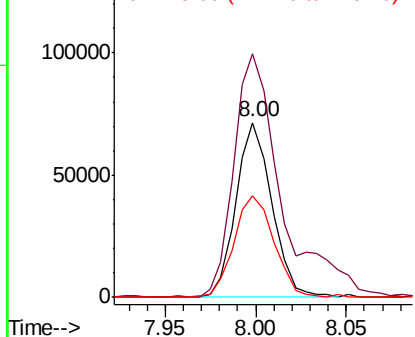
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB112404BS

Tot Ion:152 Resp: 98654
Ion Ratio Lower Upper
152 100
150 139.4 119.5 179.3
115 57.8 43.0 64.4



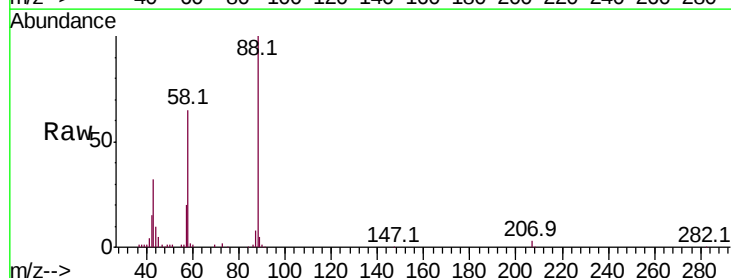
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



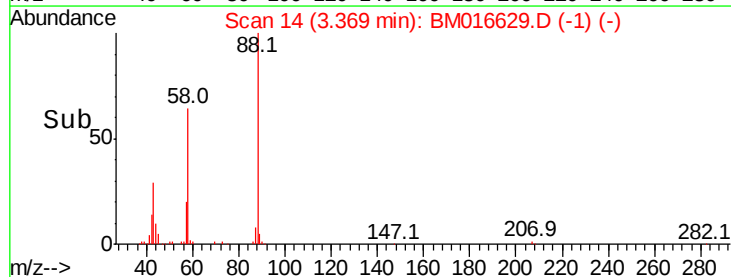
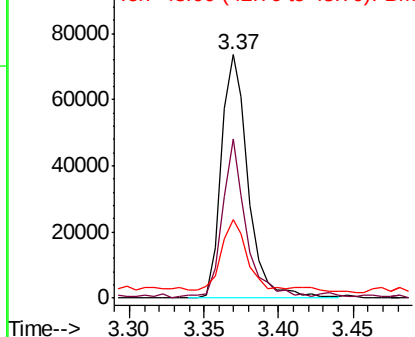
#2

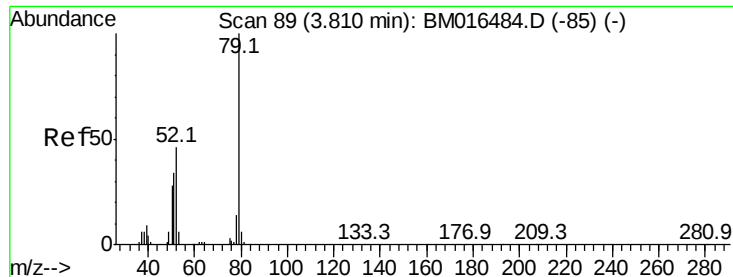
1,4-Dioxane
Concen: 33.433 ng
RT: 3.37 min Scan# 14
Delta R.T. -0.00 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion: 88 Resp: 92988
Ion Ratio Lower Upper
88 100
58 58.8 0.0 0.0#
43 27.5 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: 31.368 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

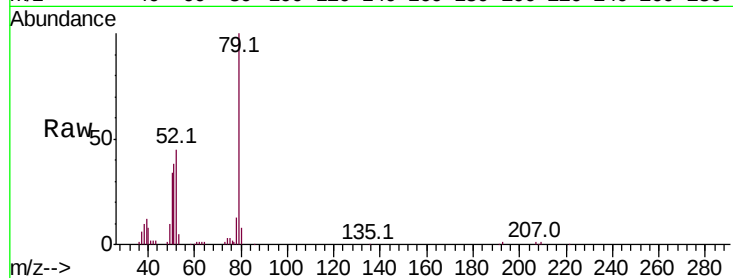
Tot Ion: 79 Resp: 181516

Ion Ratio Lower Upper

79 100

52 45.5 51.1 76.7#

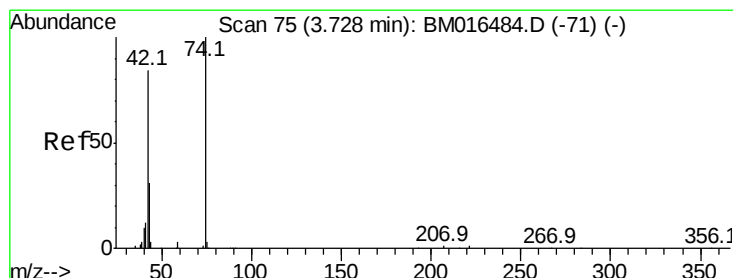
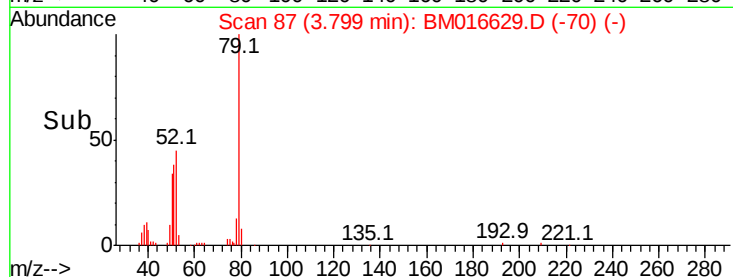
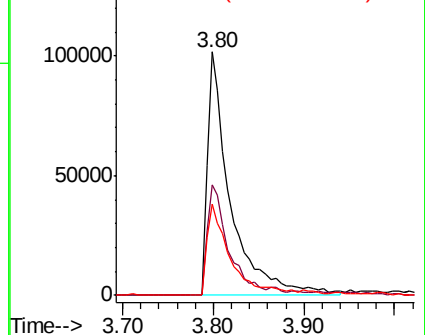
51 37.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM016629.D (-85) (-)

Ion 52.00 (51.70 to 52.70): BM016629.D (-85) (-)

Ion 51.00 (50.70 to 51.70): BM016629.D (-85) (-)



#4

n-Nitrosodimethylamine

Concen: 46.435 ng

RT: 3.72 min Scan# 74

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

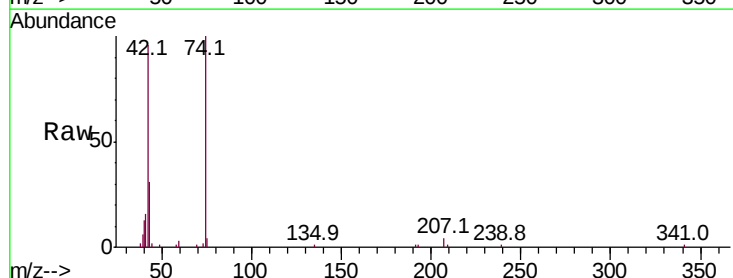
Tgt Ion: 42 Resp: 119709

Ion Ratio Lower Upper

42 100

74 104.3 119.3 178.9#

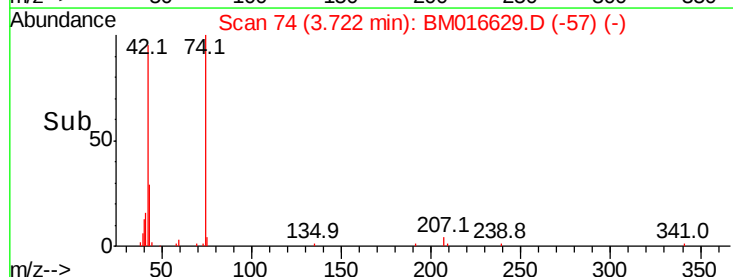
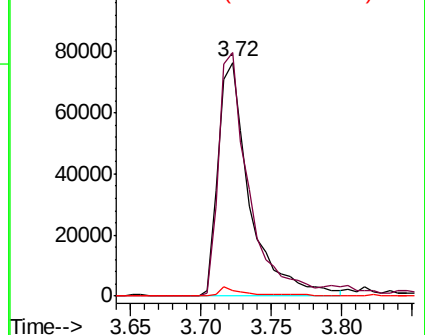
44 2.2 5.4 8.2#

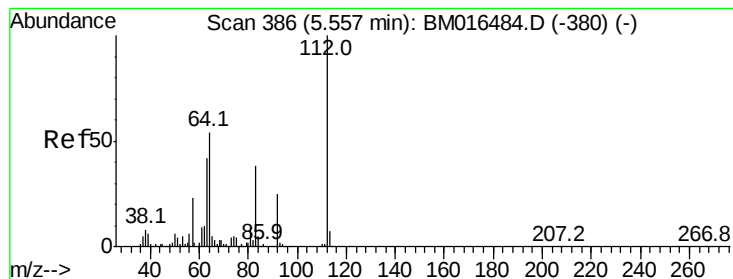


Abundance Ion 42.00 (41.70 to 42.70): BM016629.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM016629.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM016629.D (-71) (-)





#5

2-Fluorophenol

Concen: 84.496 ng

RT: 5.55 min Scan# 384

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

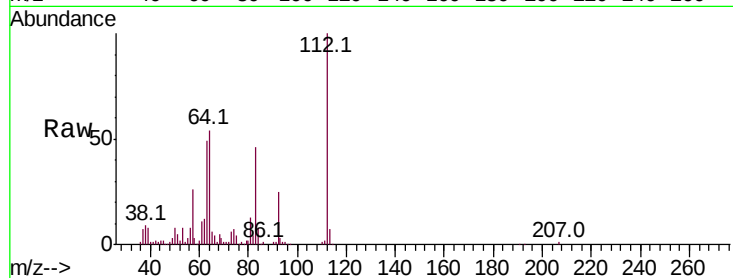
Tot Ion:112 Resp: 425389

Ion Ratio Lower Upper

112 100

64 53.8 38.6 57.8

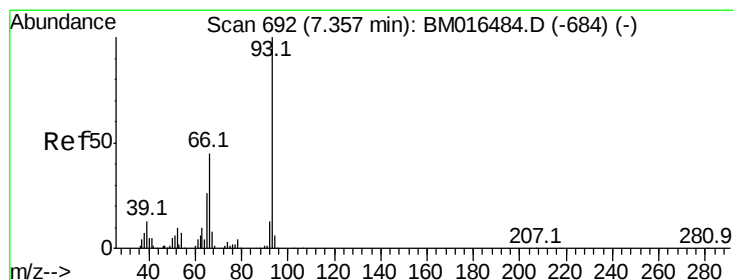
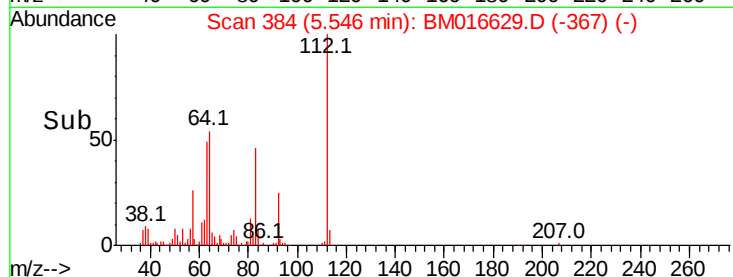
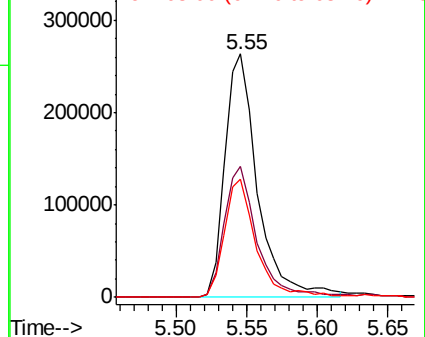
63 48.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 22.749 ng

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

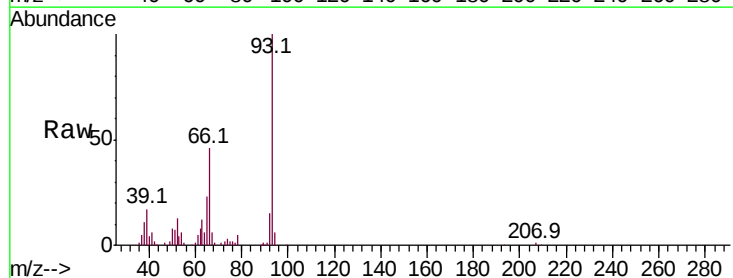
Tgt Ion: 93 Resp: 169592

Ion Ratio Lower Upper

93 100

66 45.8 30.8 46.2

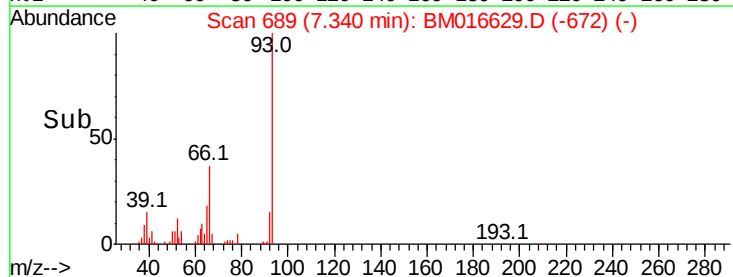
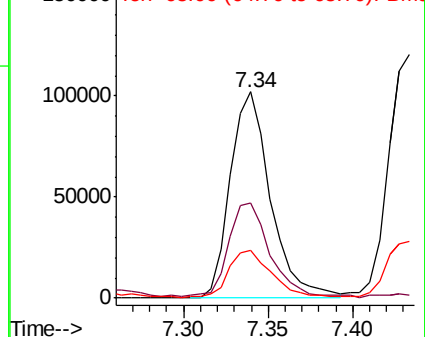
65 23.1 16.0 24.0

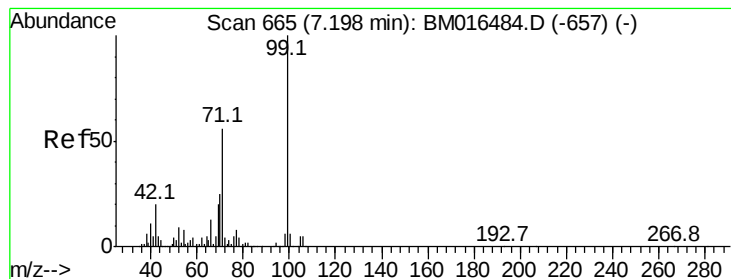


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 80.137 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

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ClientSampleId :

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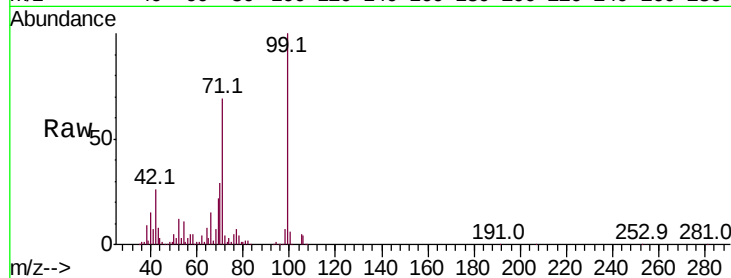
Tot Ion: 99 Resp: 533871

Ion Ratio Lower Upper

99 100

42 26.4 11.0 16.4#

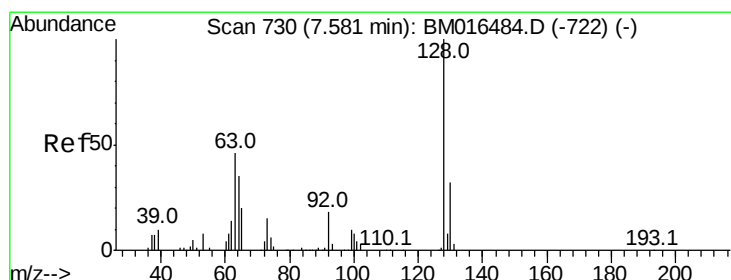
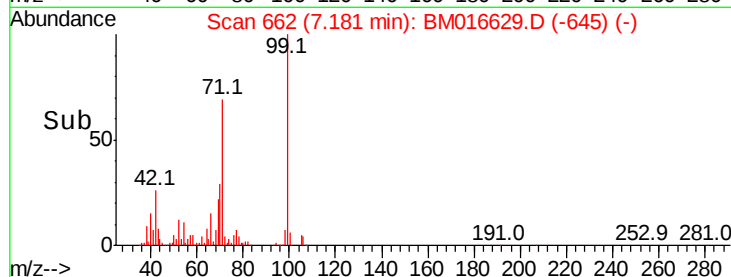
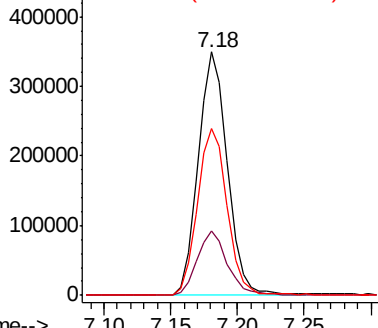
71 68.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#8

2-Chlorophenol

Concen: 40.089 ng

RT: 7.56 min Scan# 727

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

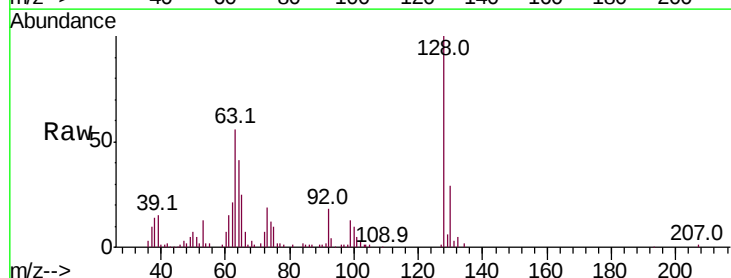
Tgt Ion: 128 Resp: 240152

Ion Ratio Lower Upper

128 100

130 29.0 12.0 52.0

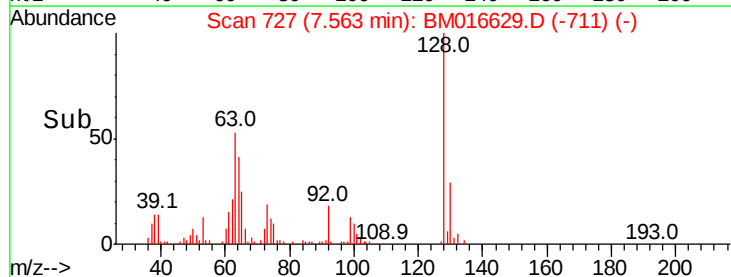
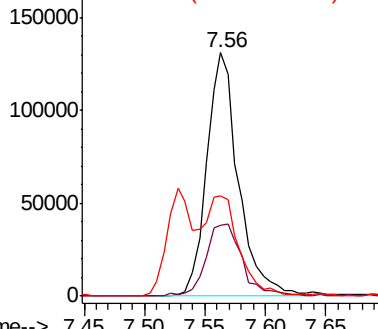
64 41.2 24.9 64.9

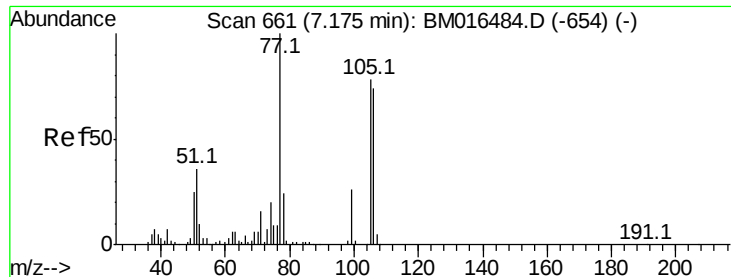


Abundance Ion 128.00 (127.70 to 128.70): BM016484.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM016484.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM016484.D (-722) (-)





#9

Benzaldehyde

Concen: 30.186 ng

RT: 7.16 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

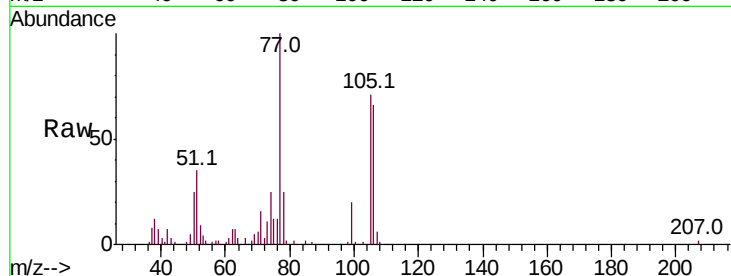
Tot Ion: 77 Resp: 139559

Ion Ratio Lower Upper

77 100

105 71.5 78.8 118.8#

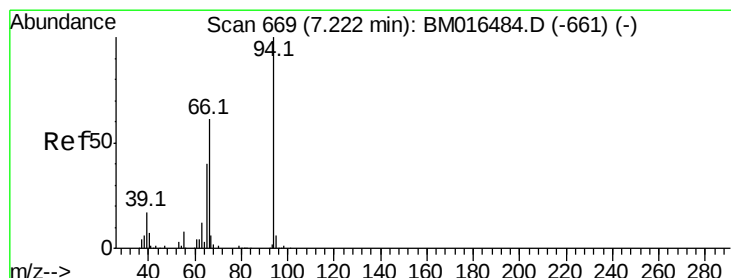
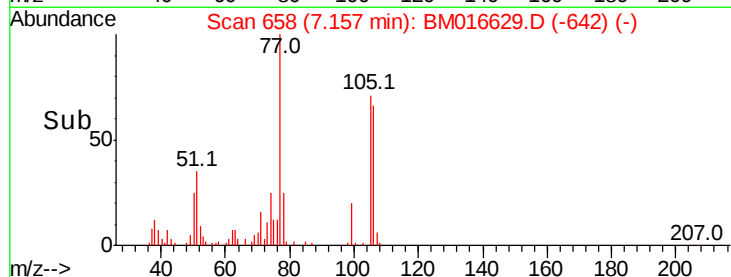
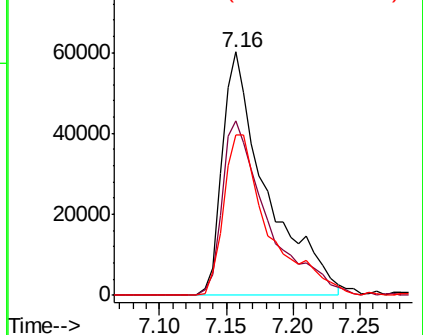
106 65.7 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016629.D (-654) (-)

Ion 105.00 (104.70 to 105.70): BM016629.D (-654) (-)

Ion 106.00 (105.70 to 106.70): BM016629.D (-654) (-)



#10

Phenol

Concen: 37.071 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

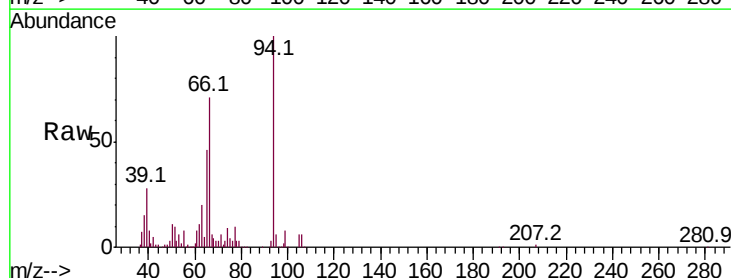
Tgt Ion: 94 Resp: 244236

Ion Ratio Lower Upper

94 100

65 45.9 18.8 58.8

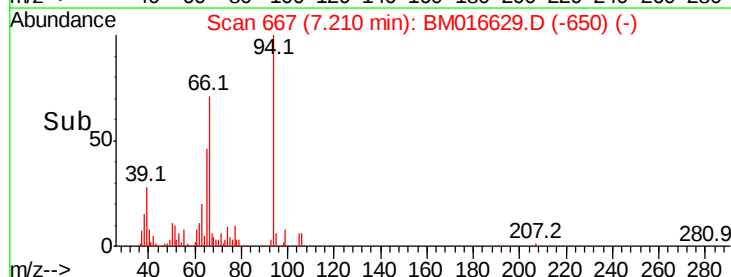
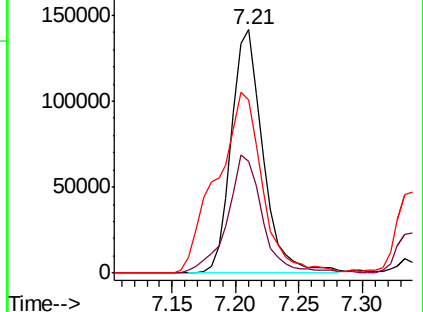
66 71.2 39.9 79.9

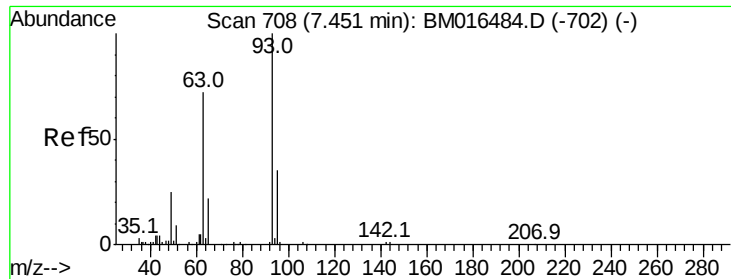


Abundance Ion 94.00 (93.70 to 94.70): BM016629.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM016629.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM016629.D (-650) (-)





#11

bis(2-Chloroethyl)ether

Concen: 36.381 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

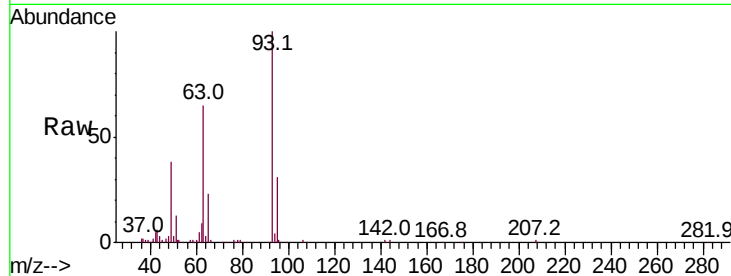
Tot Ion: 93 Resp: 179737

Ion Ratio Lower Upper

93 100

63 65.3 49.5 89.5

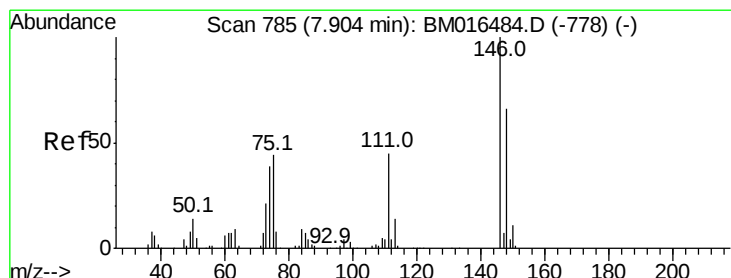
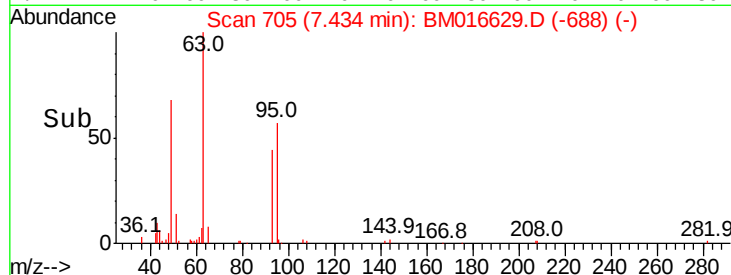
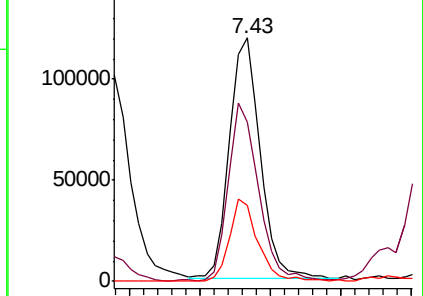
95 31.1 13.5 53.5



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: 35.281 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

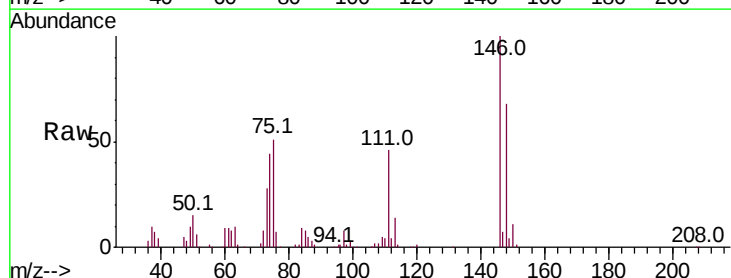
Tgt Ion: 146 Resp: 280215

Ion Ratio Lower Upper

146 100

148 68.2 50.9 76.3

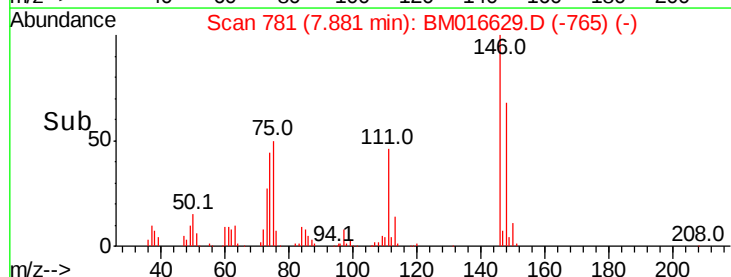
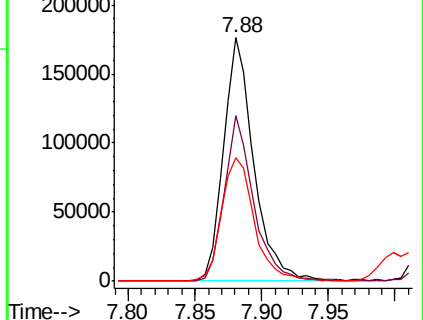
75 50.5 21.4 32.2#

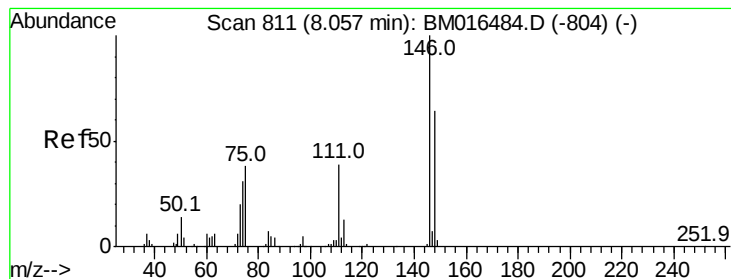


Abundance Ion 146.00 (145.70 to 146.70): BM016484.D (-778) (-)

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: 34.753 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

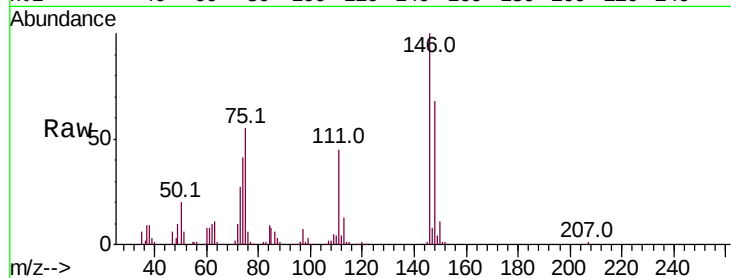
Tot Ion:146 Resp: 283267

Ion Ratio Lower Upper

146 100

148 67.9 51.9 77.9

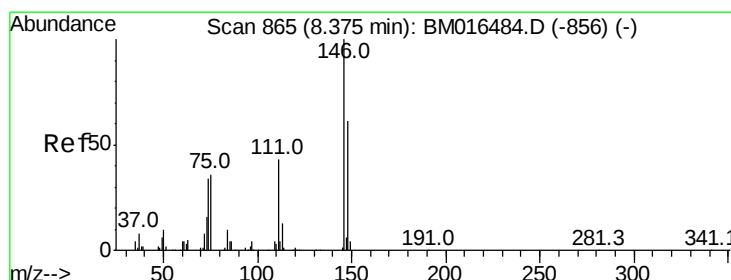
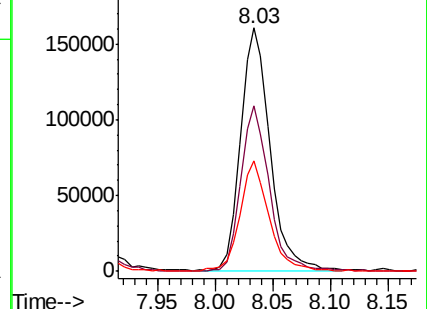
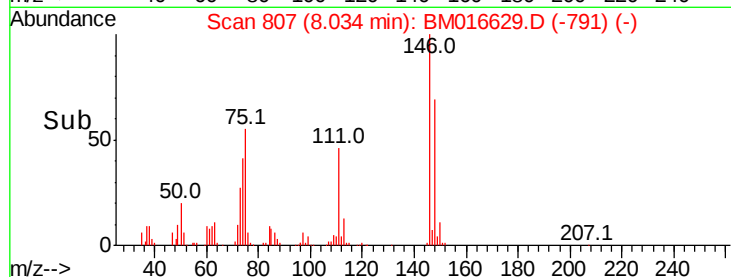
111 45.5 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.139 ng

RT: 8.35 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

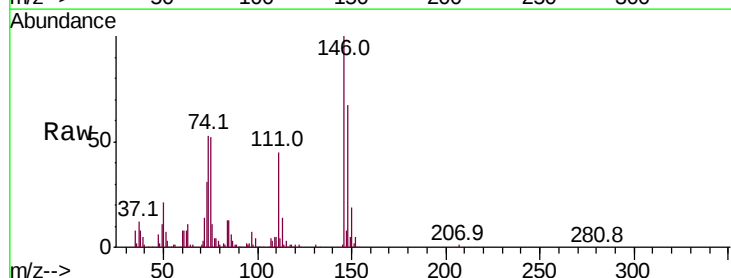
Tgt Ion:146 Resp: 289392

Ion Ratio Lower Upper

146 100

148 67.0 52.3 78.5

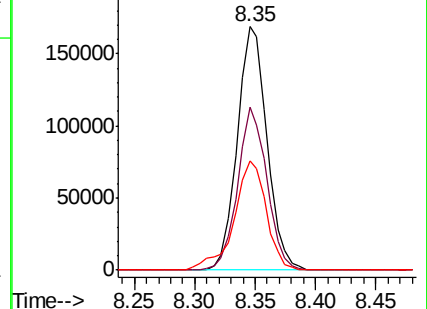
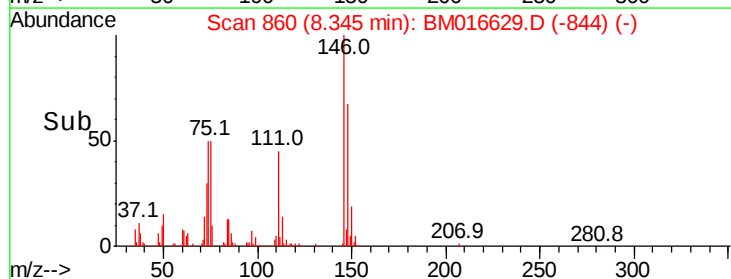
111 45.1 30.6 45.8

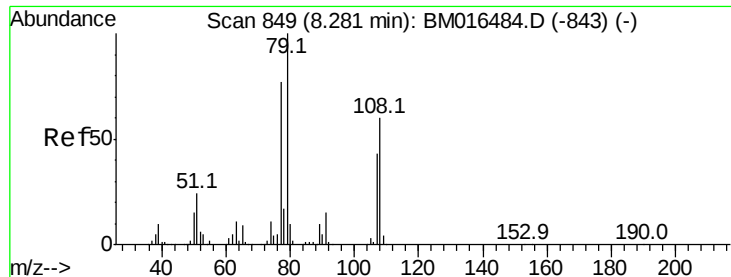


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.472 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

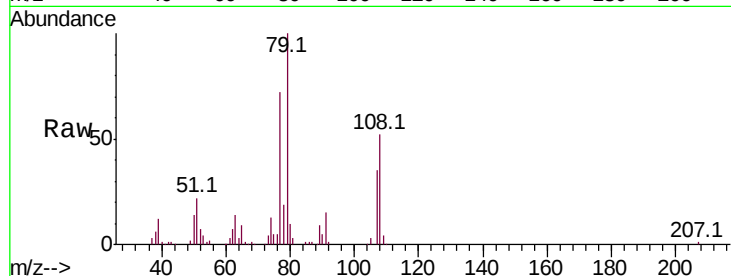
Tot Ion: 79 Resp: 219453

Ion Ratio Lower Upper

79 100

108 52.5 65.0 97.4#

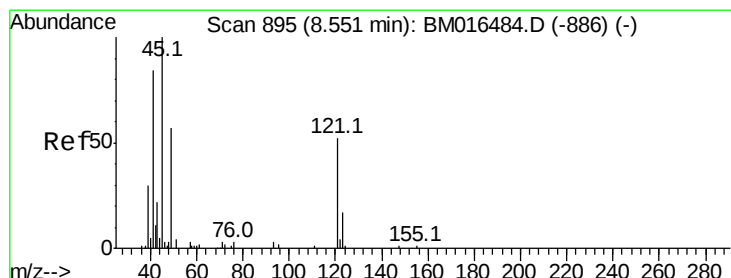
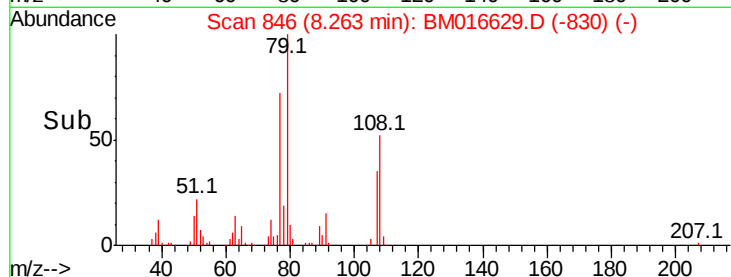
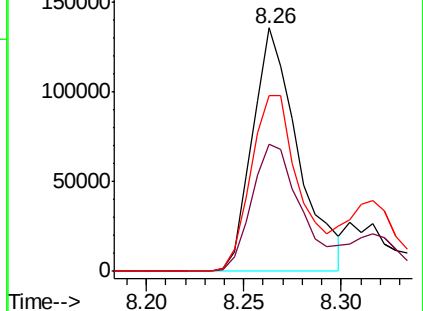
77 72.2 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM016629.D (-830) (-)

Ion 108.00 (107.70 to 108.70): BM016629.D (-830) (-)

Ion 77.00 (76.70 to 77.70): BM016629.D (-830) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.451 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

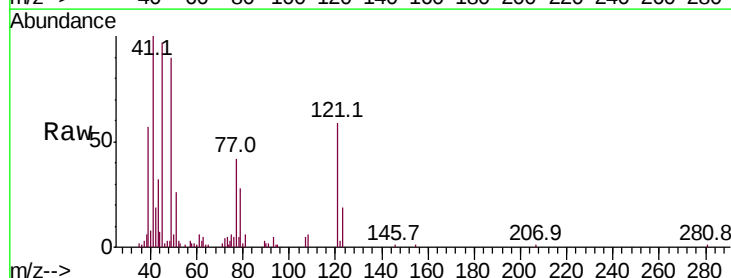
Tgt Ion: 45 Resp: 120598

Ion Ratio Lower Upper

45 100

77 43.4 0.0 35.2#

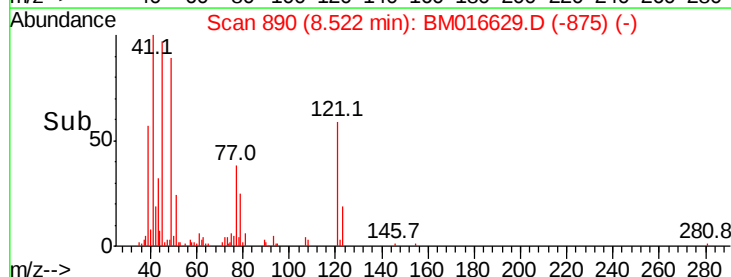
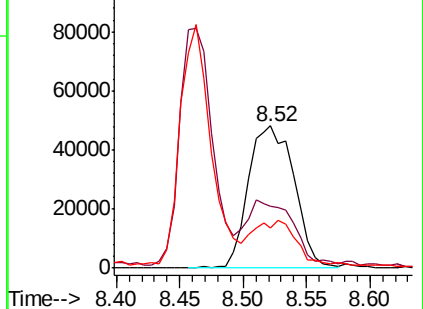
79 28.6 0.0 32.0

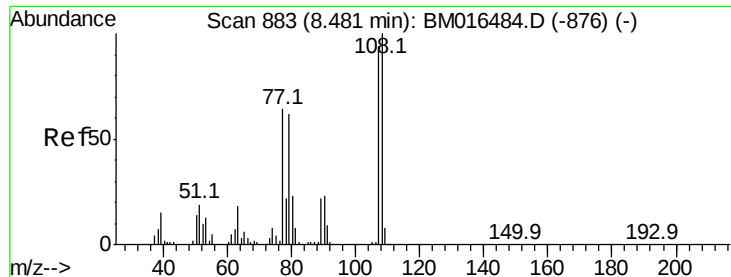


Abundance Ion 45.00 (44.70 to 45.70): BM016629.D (-875) (-)

Ion 77.00 (76.70 to 77.70): BM016629.D (-875) (-)

Ion 79.00 (78.70 to 79.70): BM016629.D (-875) (-)

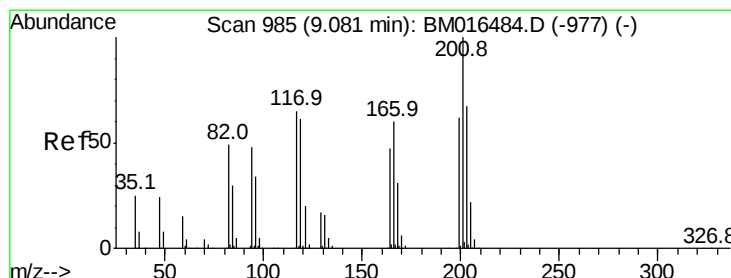
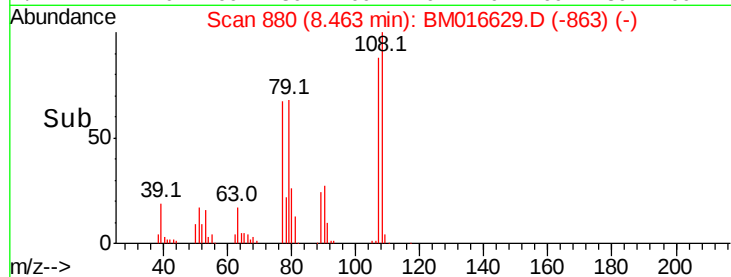
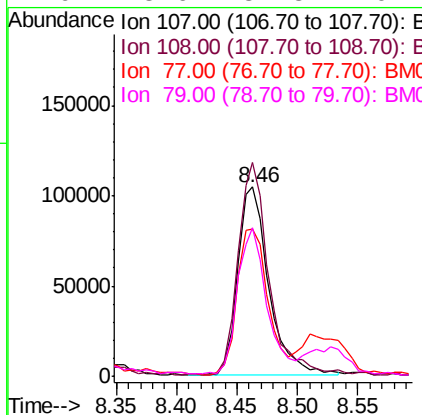
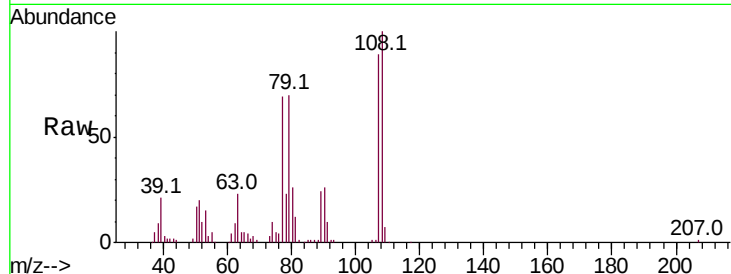




#17
2-Methylphenol
Concen: 39.236 ng
RT: 8.46 min Scan# 880
Delta R.T. -0.00 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

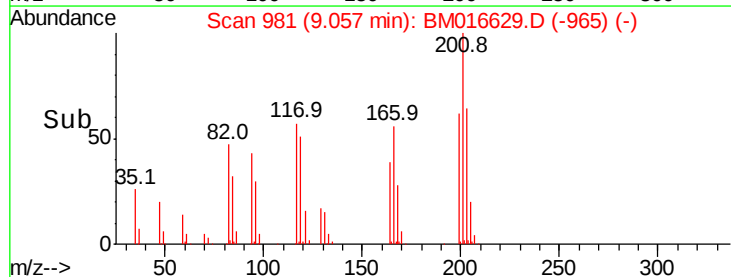
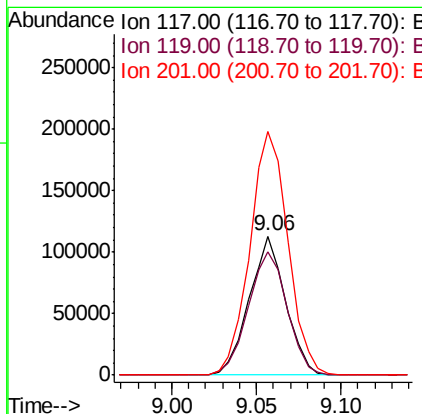
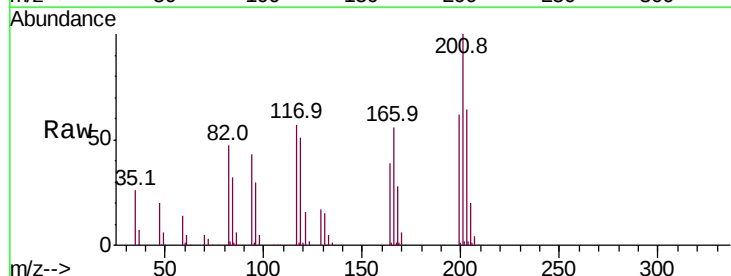
Instrument :
BNA_M
ClientSampleId :
PB112404BS

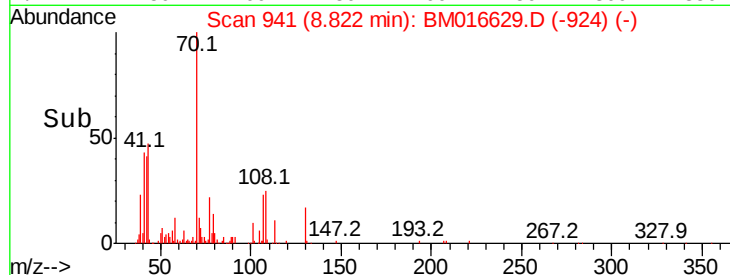
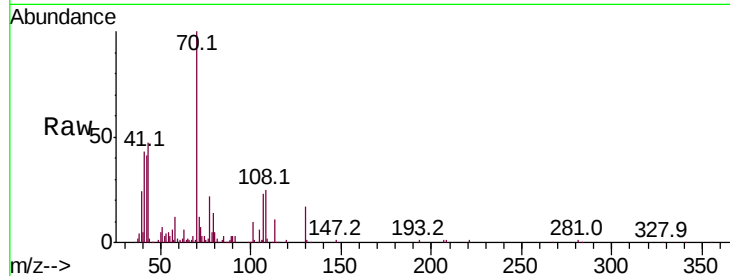
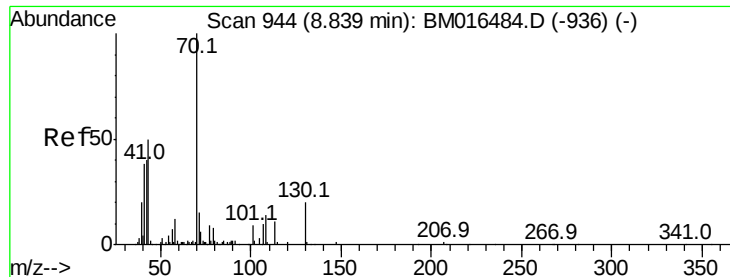
Tot Ion:	107	Resp:	187190
Ion	Ratio	Lower	Upper
107	100		
108	112.8	89.8	134.8
77	77.5	32.6	48.8#
79	78.6	32.8	49.2#



#18
Hexachloroethane
Concen: 44.777 ng
RT: 9.06 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion:	117	Resp:	168139
Ion	Ratio	Lower	Upper
117	100		
119	88.9	79.2	118.8
201	175.4	69.8	104.6#

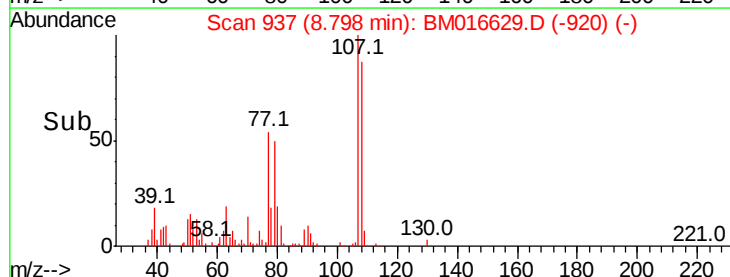
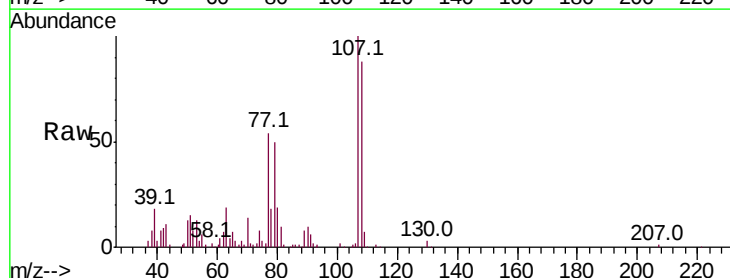
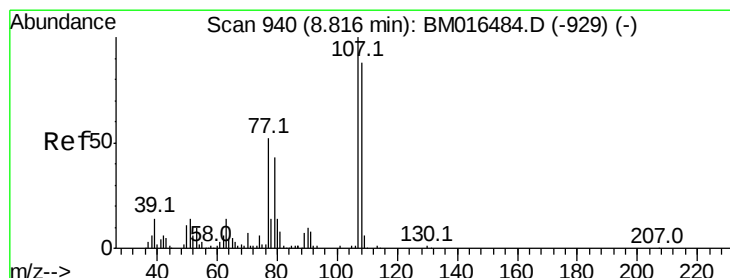
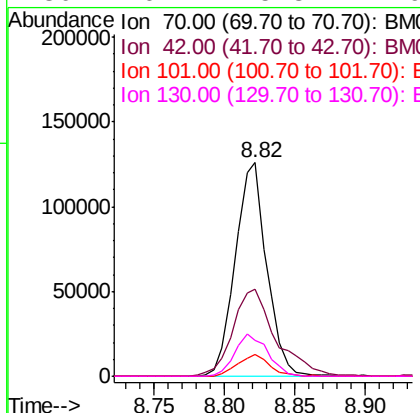




#19
n-Nitroso-di-n-propylamine
Concen: 37.507 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

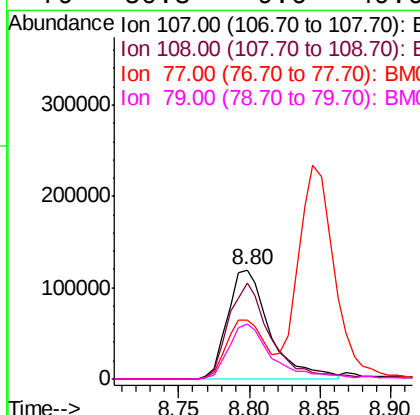
Instrument :
BNA_M
ClientSampleId :
PB112404BS

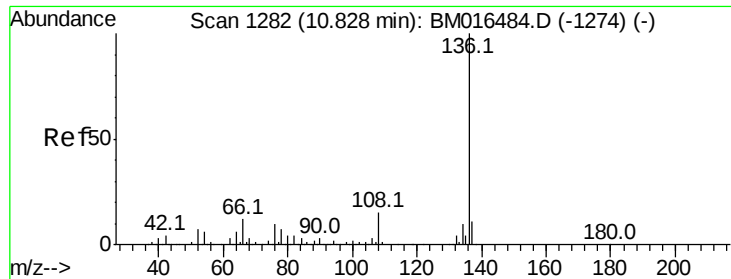
Tot Ion	70	Resp	195902
Ion Ratio	Lower	Upper	
70	100		
42	40.5	44.5	66.7#
101	10.4	7.4	11.2
130	16.7	15.3	22.9



#20
3+4-Methylphenols
Concen: 37.675 ng
RT: 8.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion	107	Resp	248525
Ion Ratio	Lower	Upper	
107	100		
108	87.5	73.2	113.2
77	53.9	10.7	50.7#
79	50.3	9.6	49.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

Tot Ion:136 Resp: 389791

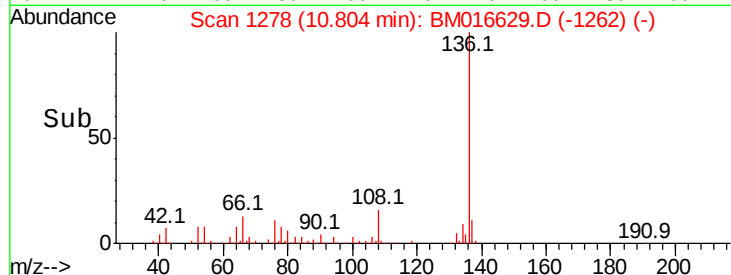
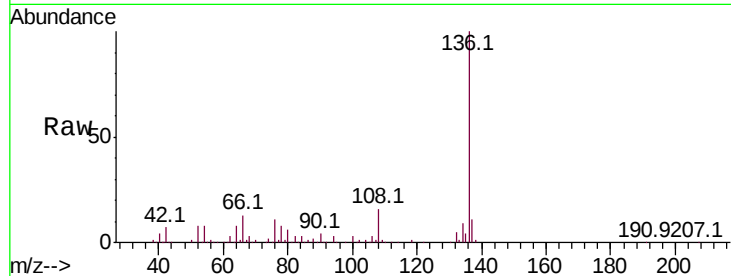
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.0 4.6 6.8#

68 3.1 3.7 5.5#

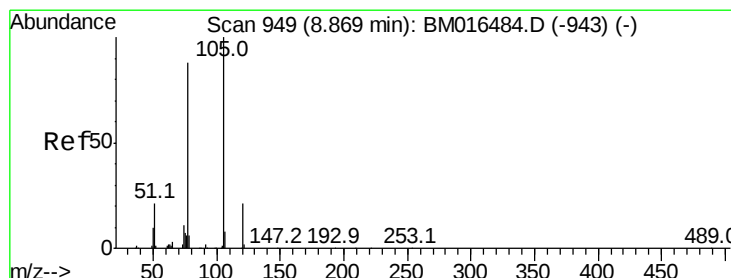
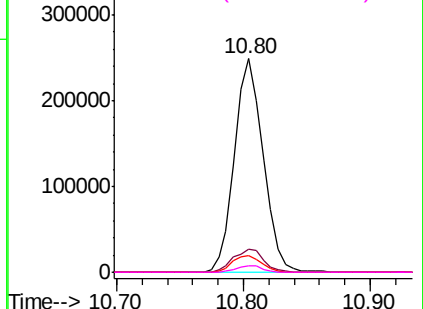


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.028 ng

RT: 8.85 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Tgt Ion:105 Resp: 375714

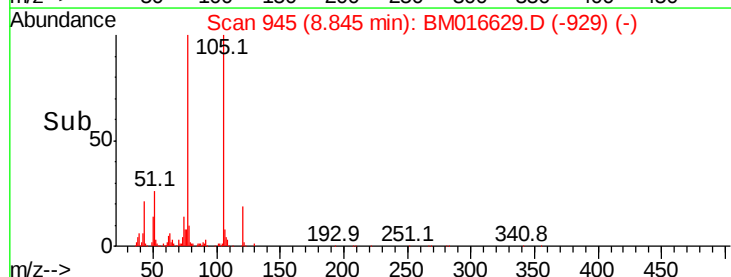
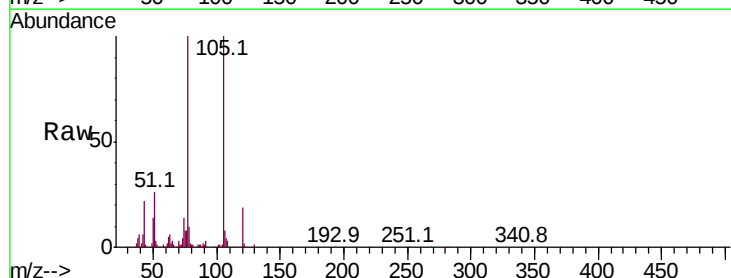
Ion Ratio Lower Upper

105 100

71 0.5 0.6 1.0#

51 26.1 21.6 32.4

120 19.0 16.1 24.1

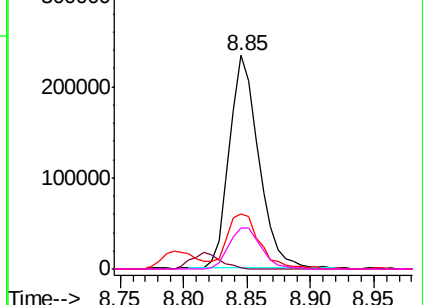


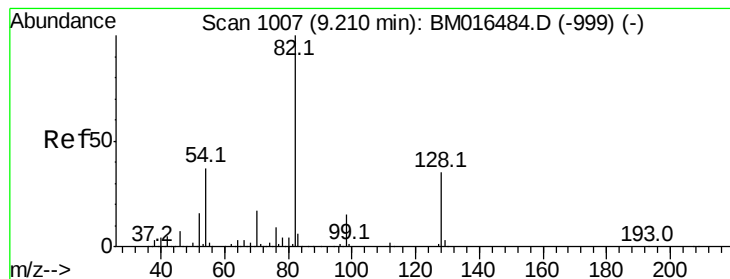
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 91.821 ng

RT: 9.19 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

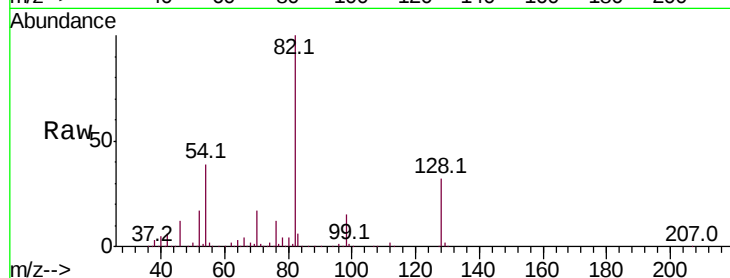
Tot Ion: 82 Resp: 783872

Ion Ratio Lower Upper

82 100

128 31.6 32.8 49.2#

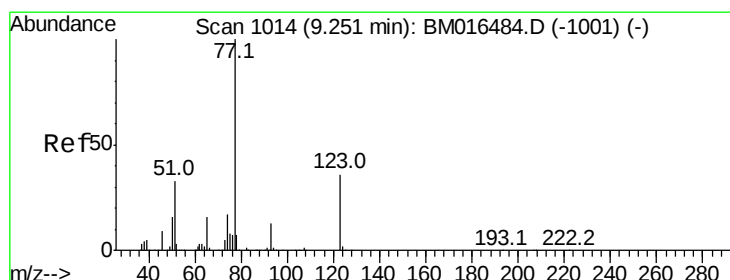
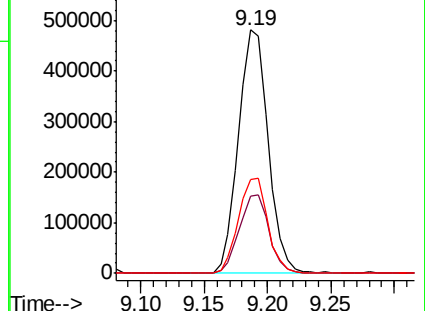
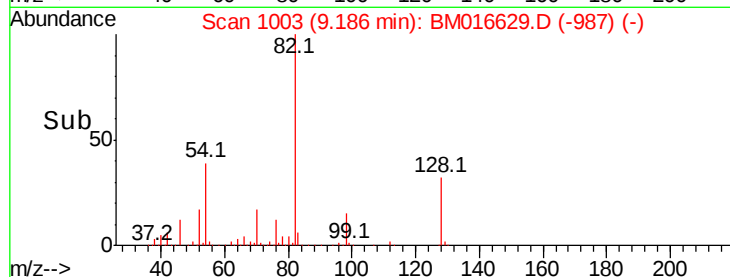
54 38.7 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016629.D (-994) (-)

Ion 128.00 (127.70 to 128.70): BM016629.D (-994) (-)

Ion 54.00 (53.70 to 54.70): BM016629.D (-994) (-)



#24

Nitrobenzene

Concen: 40.579 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

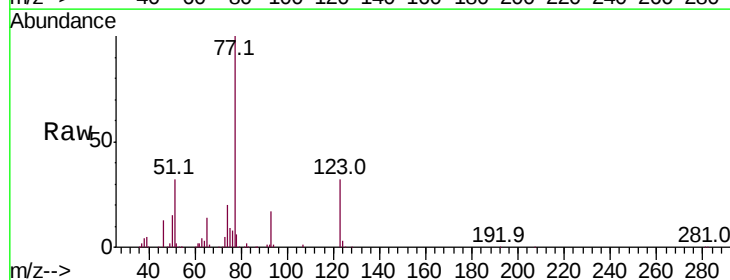
Tgt Ion: 77 Resp: 346127

Ion Ratio Lower Upper

77 100

123 32.0 32.6 49.0#

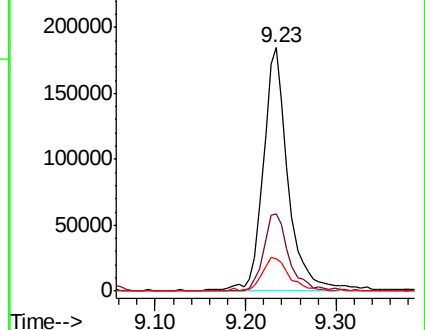
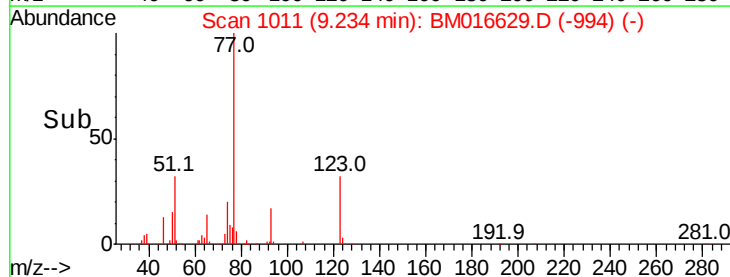
65 13.5 10.9 16.3

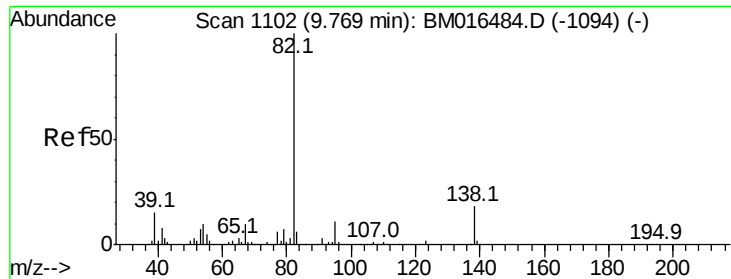


Abundance Ion 77.00 (76.70 to 77.70): BM016629.D (-994) (-)

Ion 123.00 (122.70 to 123.70): BM016629.D (-994) (-)

Ion 65.00 (64.70 to 65.70): BM016629.D (-994) (-)

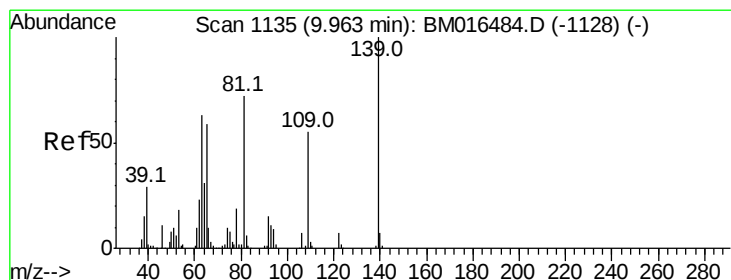
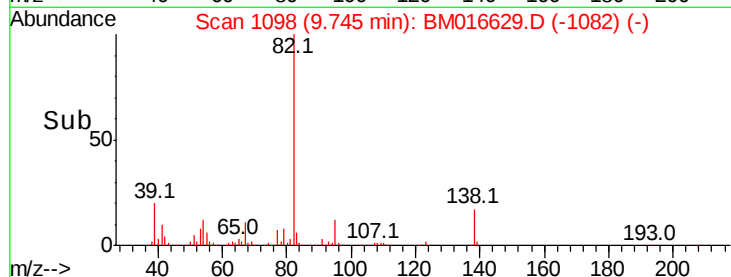
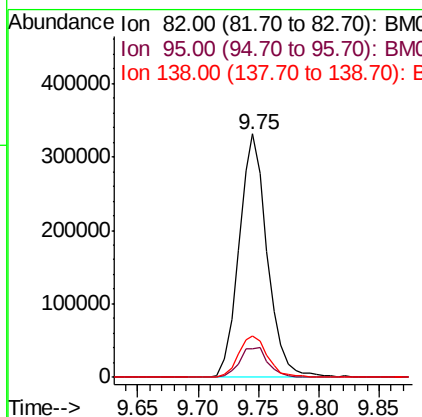
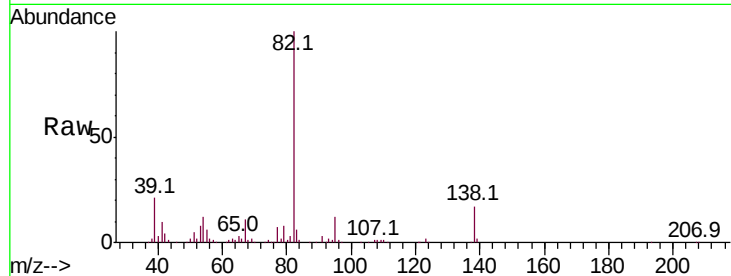




#25
Isophorone
Concen: 47.247 ng
RT: 9.75 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

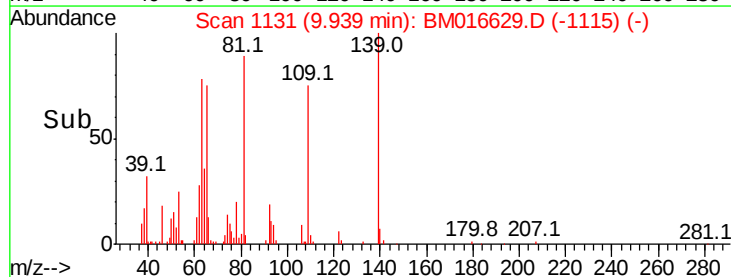
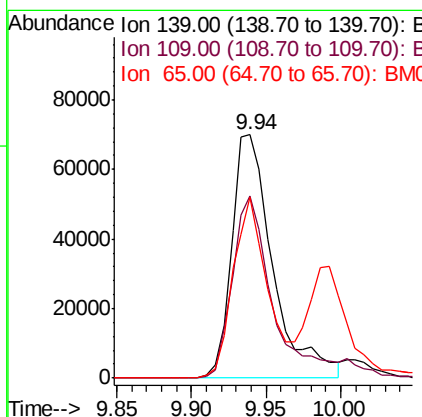
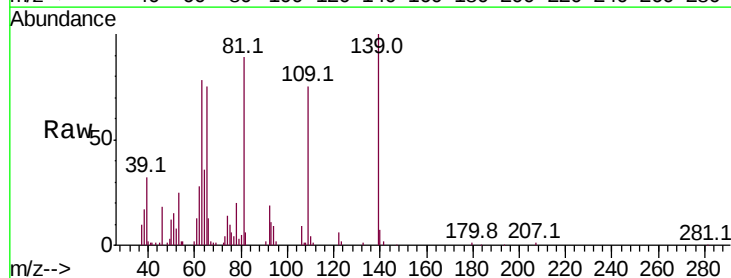
Instrument :
BNA_M
ClientSampleId :
PB112404BS

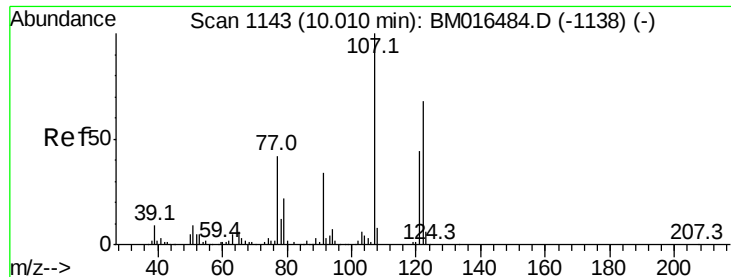
Tot Ion: 82 Resp: 539078
Ion Ratio Lower Upper
82 100
95 11.8 5.8 8.6#
138 16.8 16.3 24.5



#26
2-Nitrophenol
Concen: 36.911 ng
RT: 9.94 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion: 139 Resp: 134598
Ion Ratio Lower Upper
139 100
109 75.0 20.1 30.1#
65 74.5 31.5 47.3#

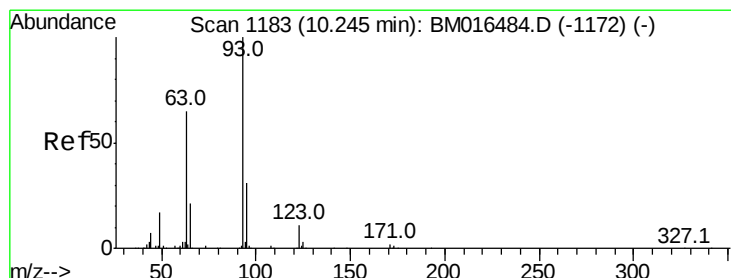
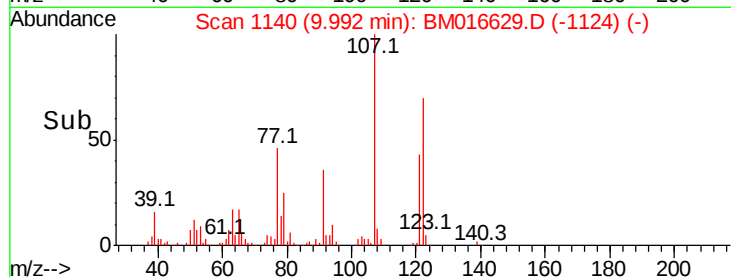
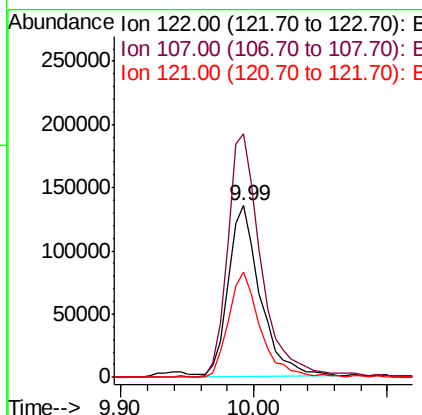
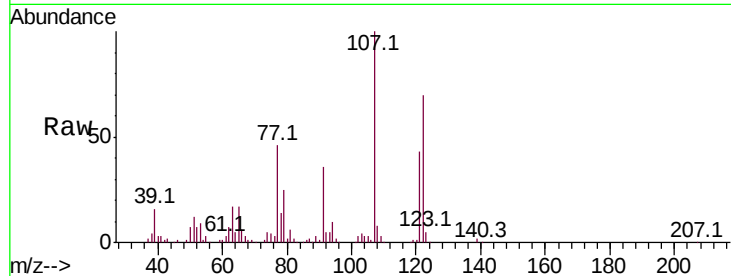




#27
2,4-Dimethylphenol
Concen: 47.741 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

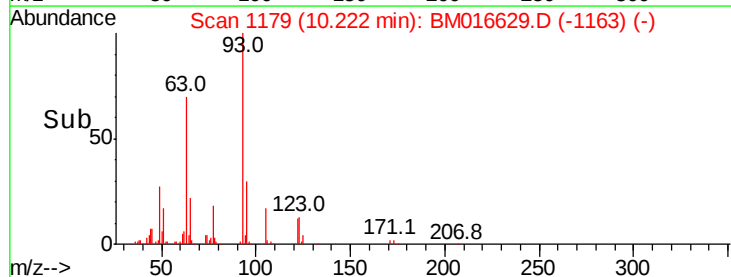
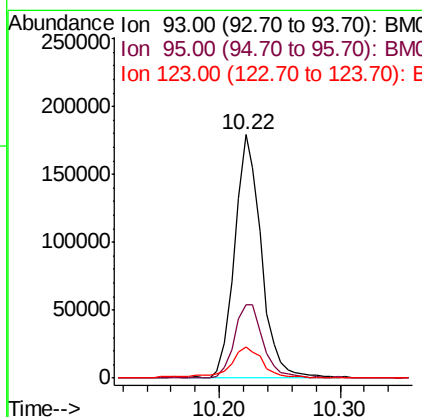
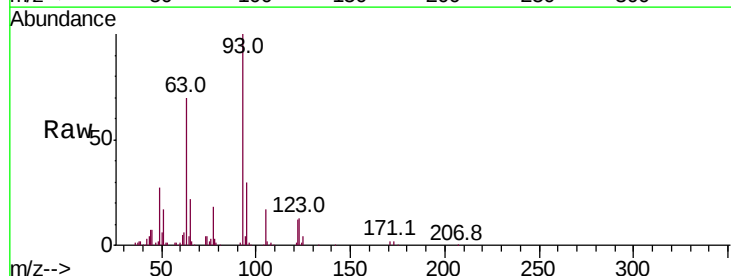
Instrument :
BNA_M
ClientSampled :
PB112404BS

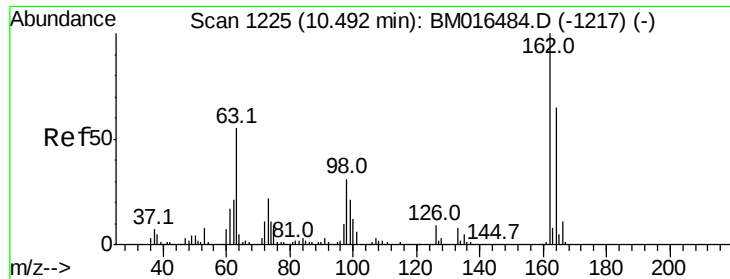
Tot Ion:122 Resp: 226872
Ion Ratio Lower Upper
122 100
107 141.8 84.7 127.1#
121 61.7 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.207 ng
RT: 10.22 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion: 93 Resp: 273846
Ion Ratio Lower Upper
93 100
95 29.9 25.5 38.3
123 12.9 8.6 13.0

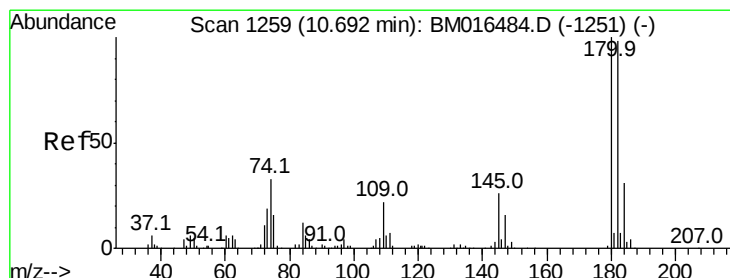
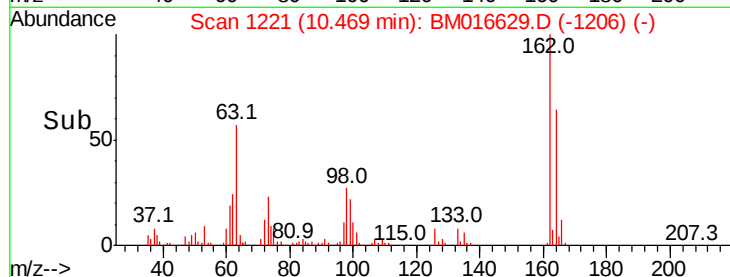
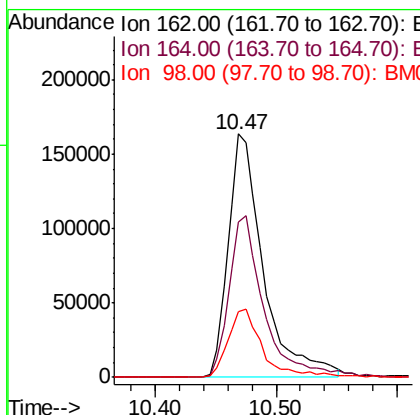
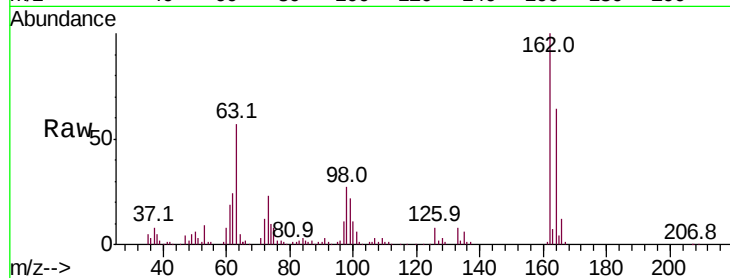




#29
 2,4-Dichlorophenol
 Concen: 46.509 ng
 RT: 10.47 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

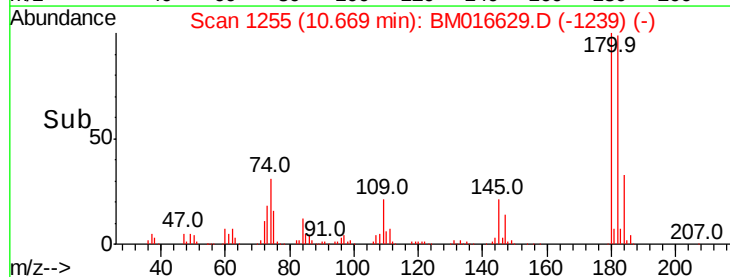
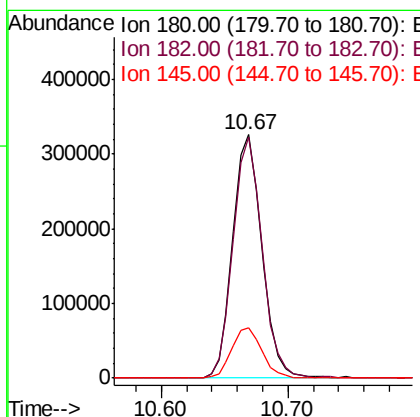
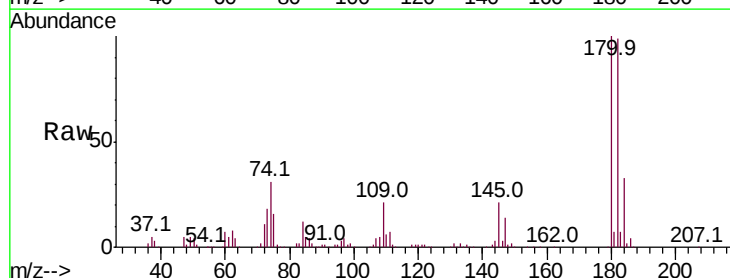
Instrument :
 BNA_M
 ClientSampleId :
 PB112404BS

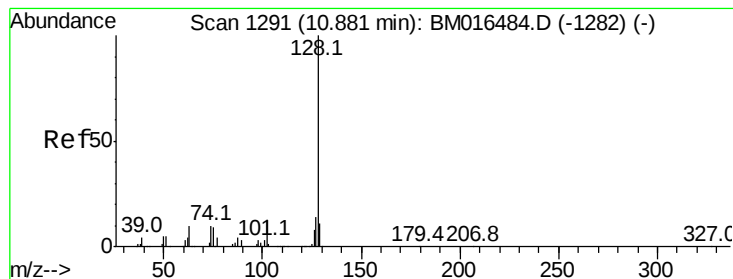
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.8	82.8
98	26.7	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 48.178 ng
 RT: 10.67 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	77.6	116.4
145	20.5	23.4	35.2





#31

Naphthalene

Concen: 42.255 ng

RT: 10.86 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

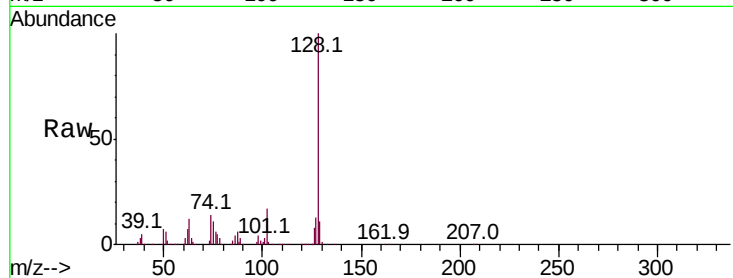
Tot Ion:128 Resp: 784735

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

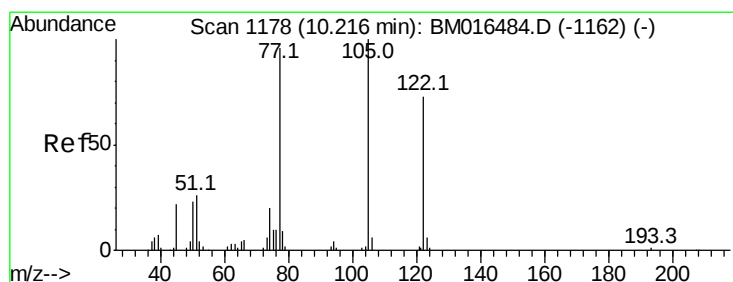
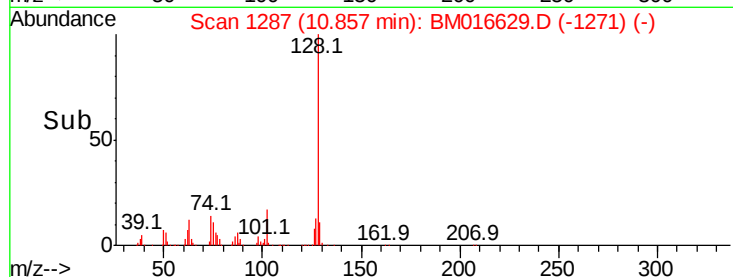
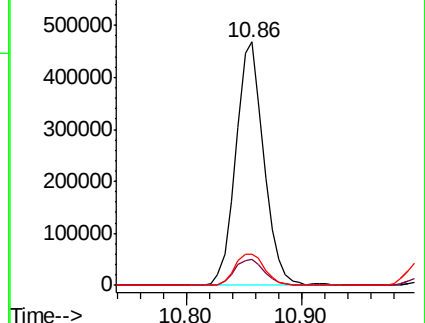
127 12.7 10.4 15.6



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: 30.776 ng

RT: 10.22 min Scan# 1178

Delta R.T. 0.02 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

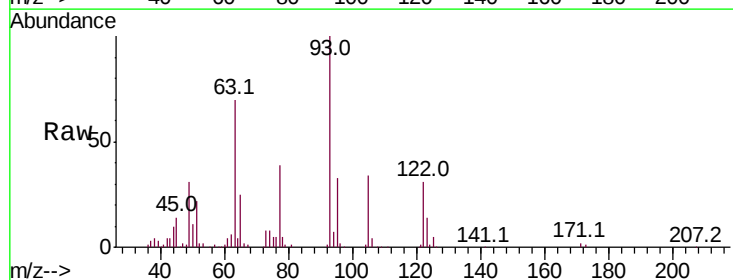
Tgt Ion:122 Resp: 122369

Ion Ratio Lower Upper

122 100

105 110.4 99.9 139.9

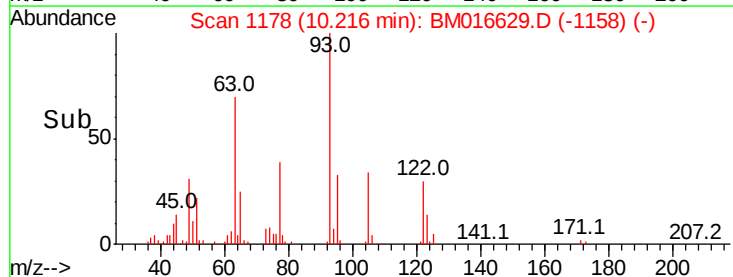
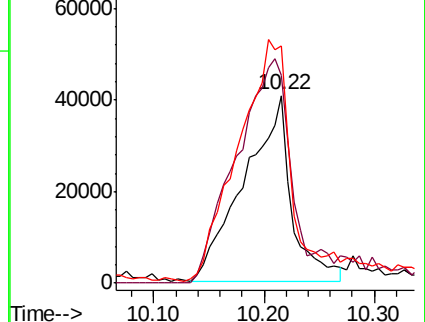
77 126.5 73.7 113.7#

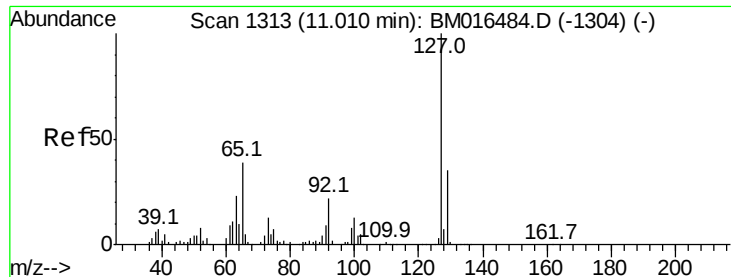


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

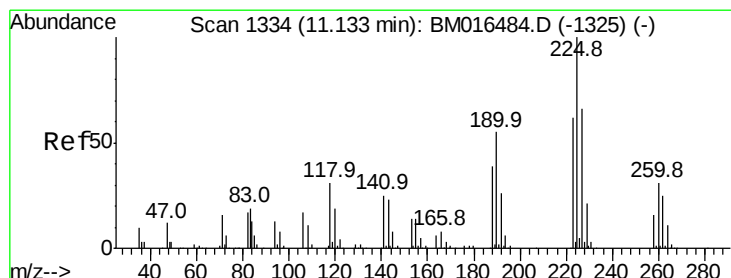
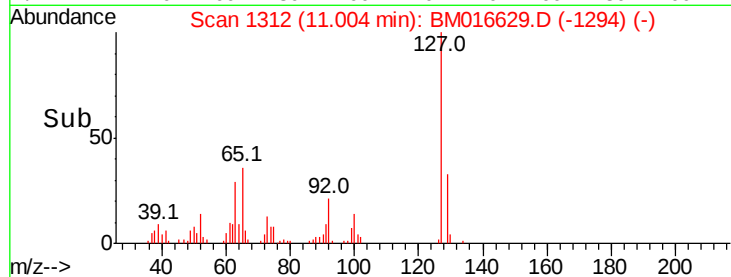
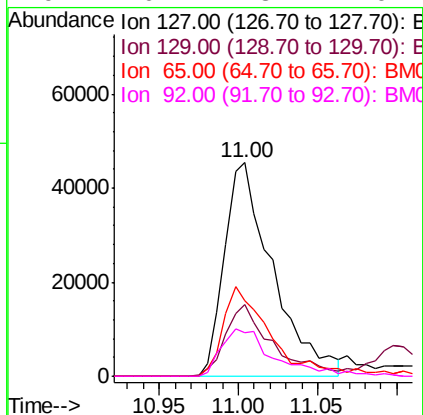
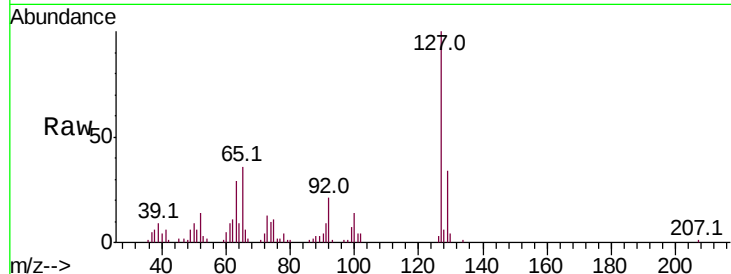




#33
4-Chloroaniline
Concen: 12.302 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

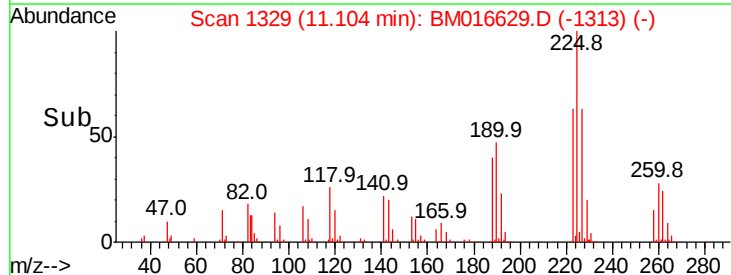
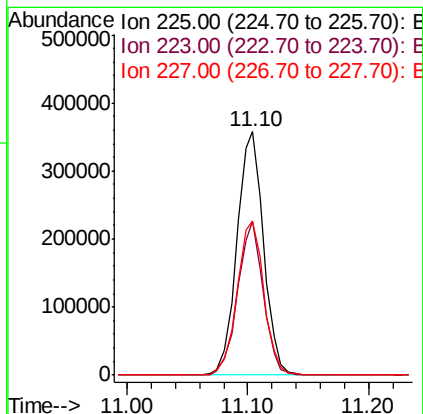
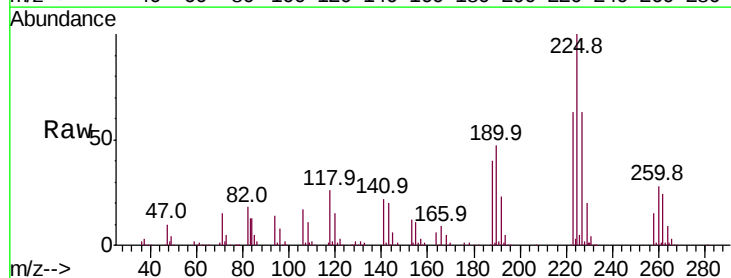
Instrument :
BNA_M
ClientSampleId :
PB112404BS

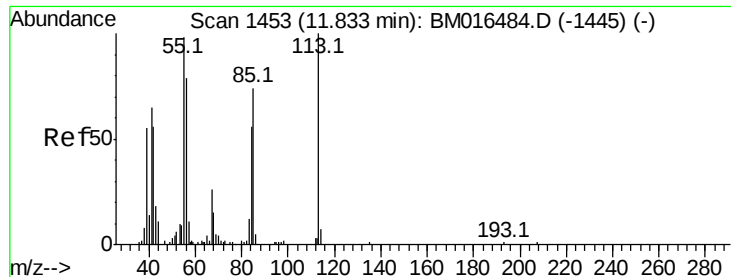
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.3	37.9
65	35.6	17.6	26.4
92	20.7	13.1	19.7



#34
Hexachlorobutadiene
Concen: 53.054 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	47.9	71.9
227	63.1	50.1	75.1





#35

Caprolactam

Concen: 32.117 ng

RT: 11.82 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

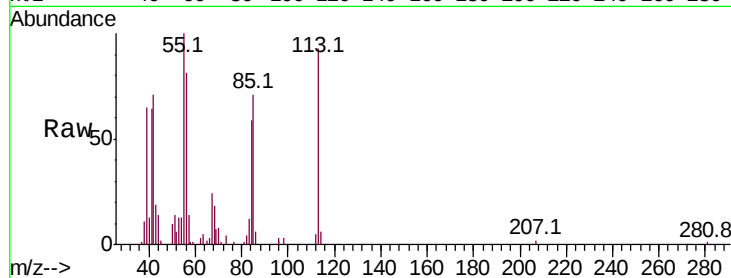
Tot Ion:113 Resp: 54812

Ion Ratio Lower Upper

113 100

55 107.7 145.9 185.9#

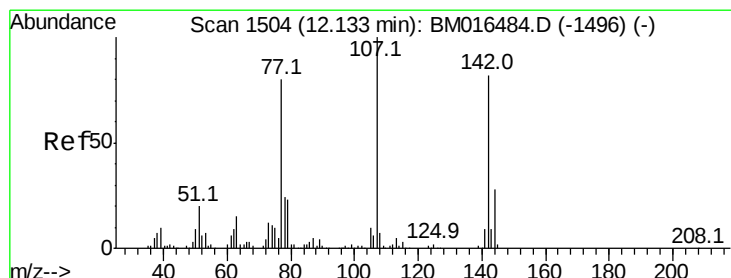
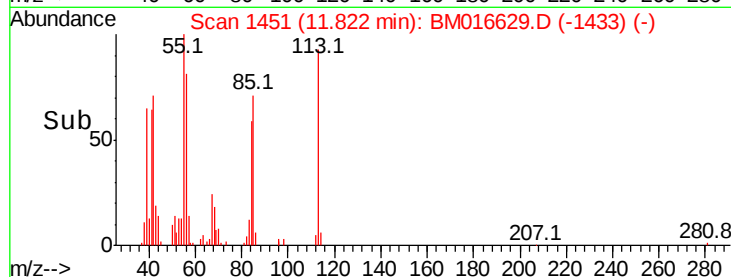
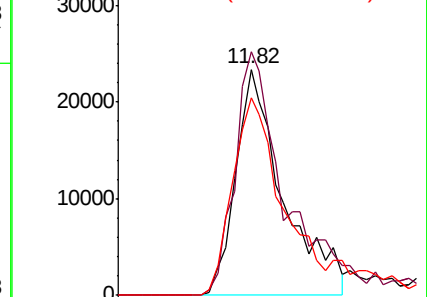
56 87.6 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 40.624 ng

RT: 12.12 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

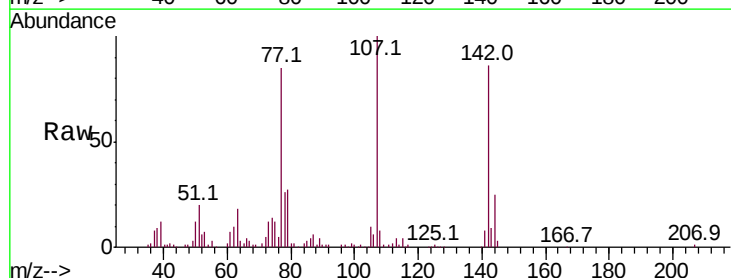
Tgt Ion:107 Resp: 277764

Ion Ratio Lower Upper

107 100

144 24.7 23.3 34.9

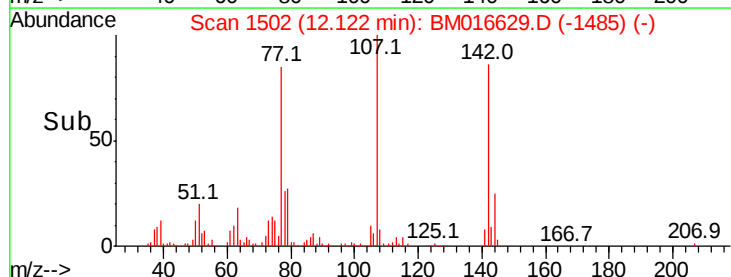
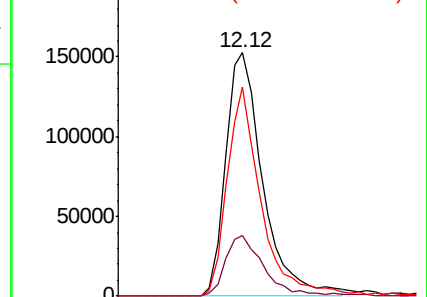
142 85.8 72.6 109.0

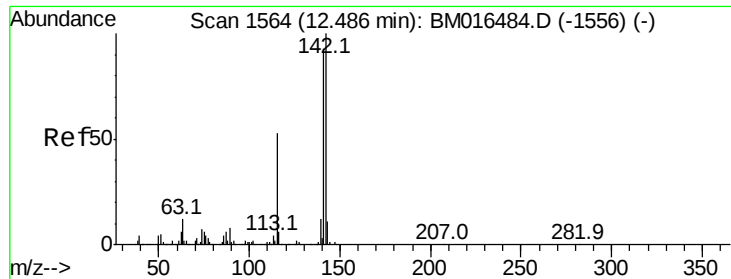


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

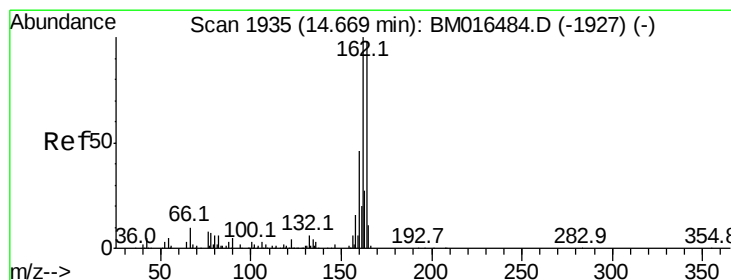
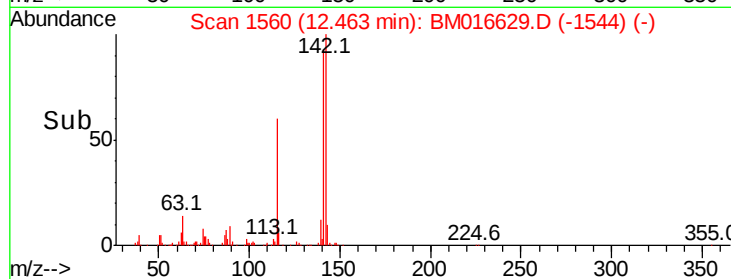
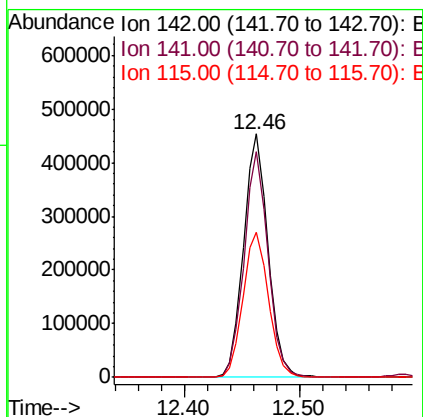
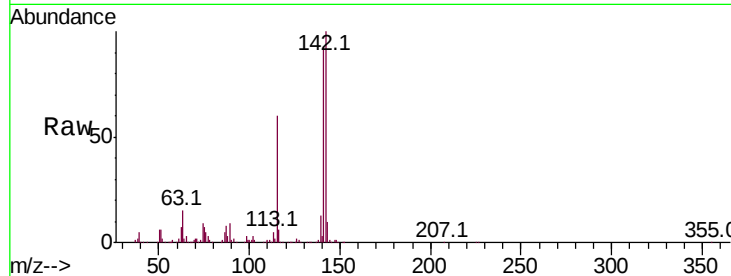




#37
2-Methylnaphthalene
Concen: 46.024 ng
RT: 12.46 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

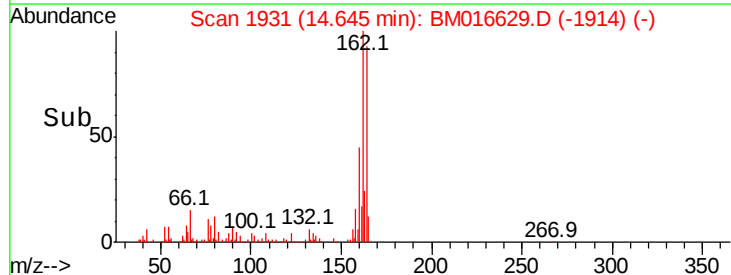
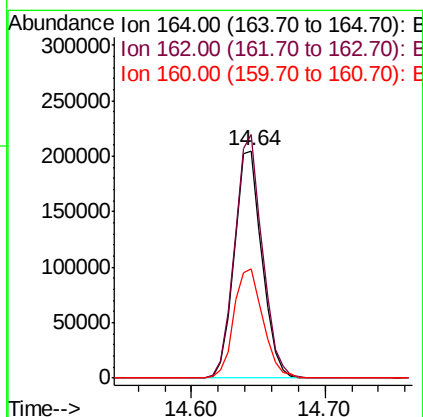
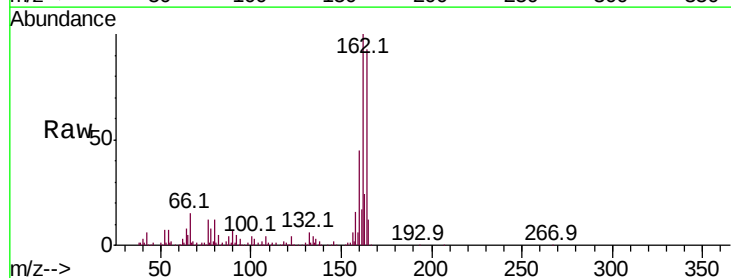
Instrument :
BNA_M
ClientSampleId :
PB112404BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.9	107.9
115	59.7	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.4	123.6
160	48.4	35.8	53.6

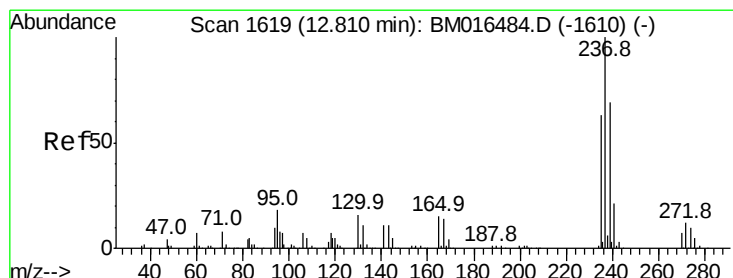
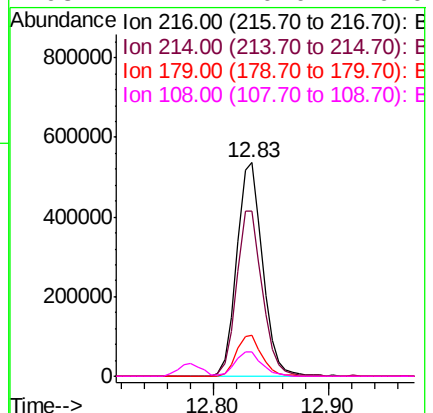
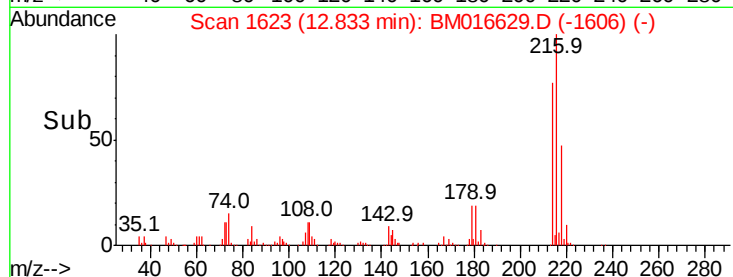
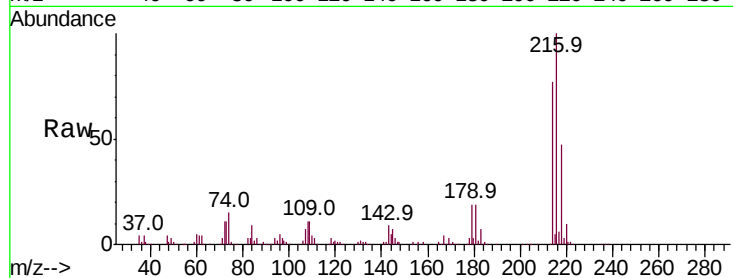




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.771 ng
 RT: 12.83 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

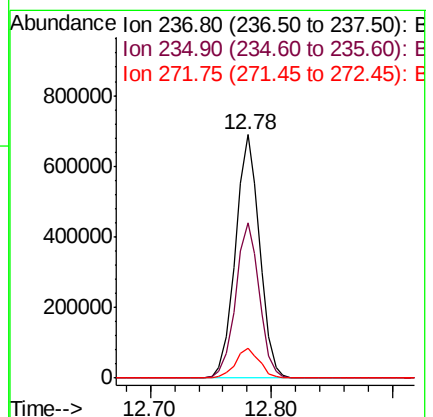
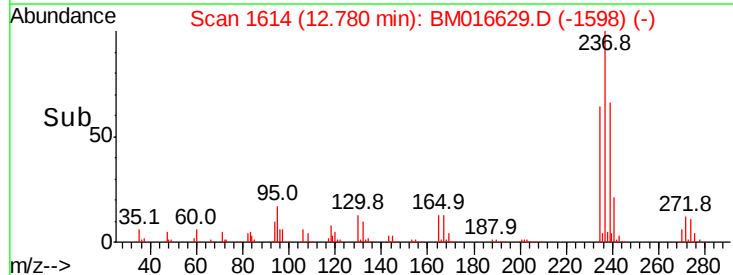
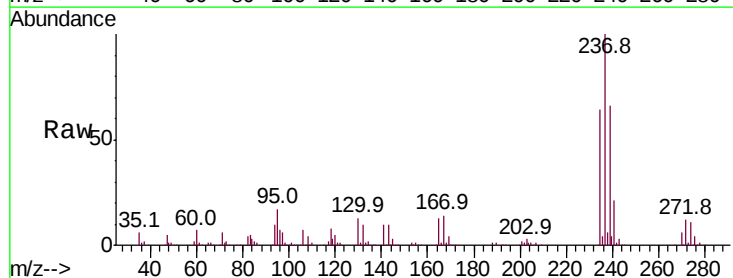
Instrument :
 BNA_M
 ClientSampleId :
 PB112404BS

Tot Ion:	216	Resp:	831096
Ion	Ratio	Lower	Upper
216	100		
214	77.1	0.0	0.0#
179	19.0	0.0	0.0#
108	12.1	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 110.226 ng
 RT: 12.78 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

Tgt Ion:	237	Resp:	959500
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.0	82.0
272	12.4	0.0	33.4

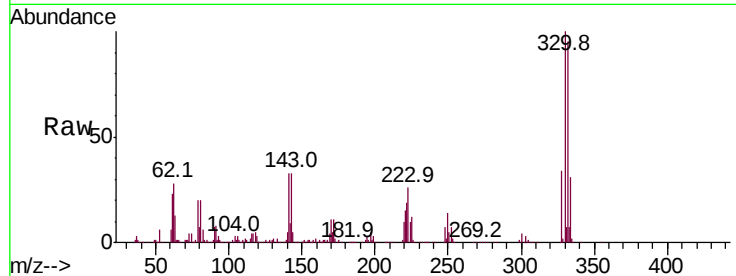




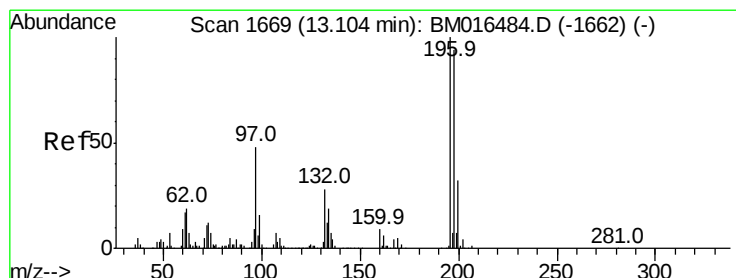
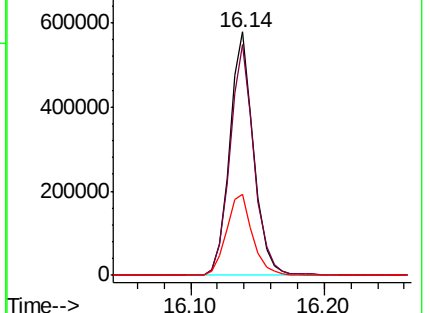
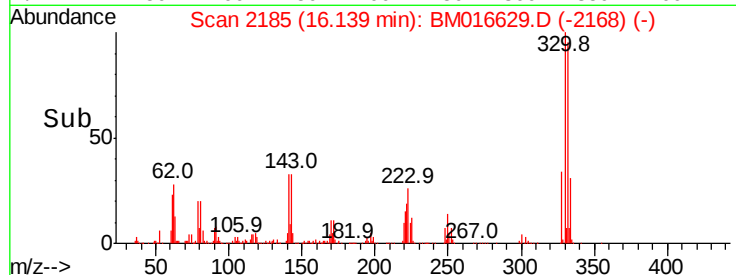
#41
 2,4,6-Tribromophenol
 Concen: 87.958 ng
 RT: 16.14 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 PB112404BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	36.4	0.0	0.0#

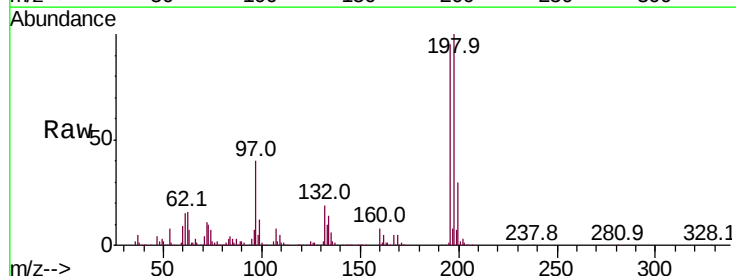


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

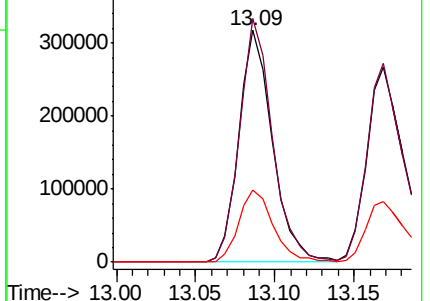
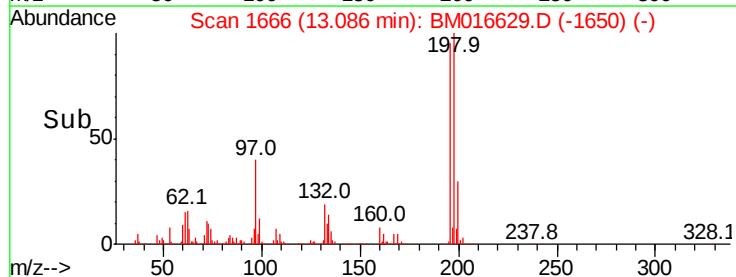


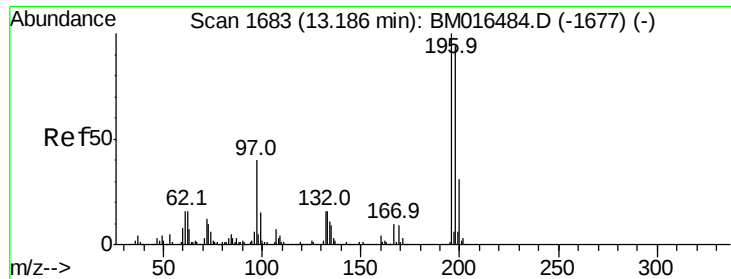
#42
 2,4,6-Trichlorophenol
 Concen: 46.819 ng
 RT: 13.09 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	105.1	76.3	114.5
200	31.3	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

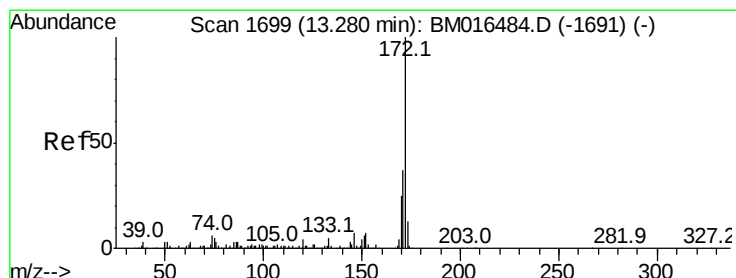
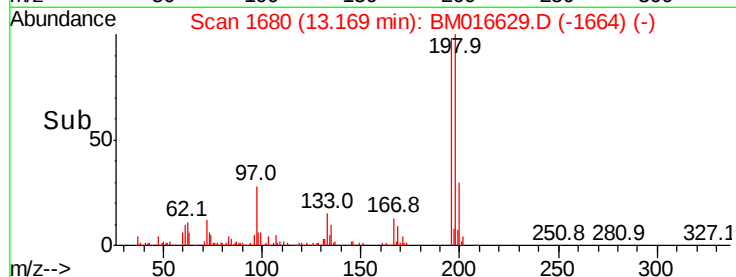
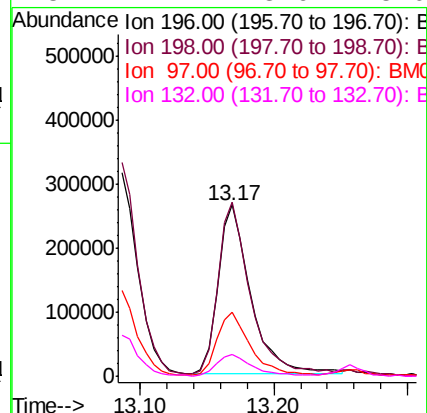
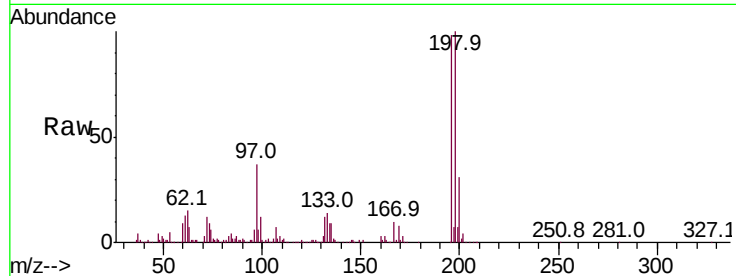




#43
 2,4,5-Trichlorophenol
 Concen: 46.890 ng
 RT: 13.17 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

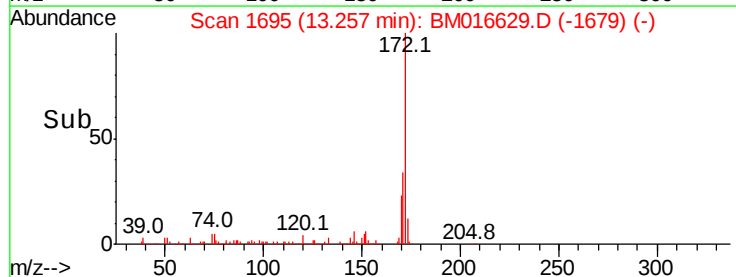
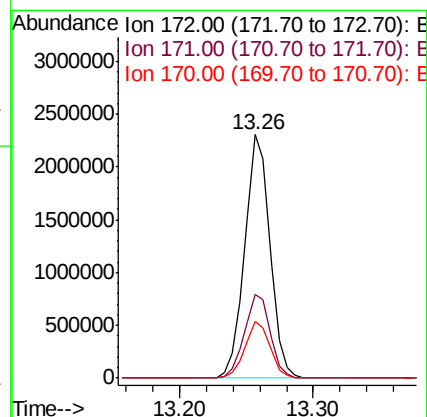
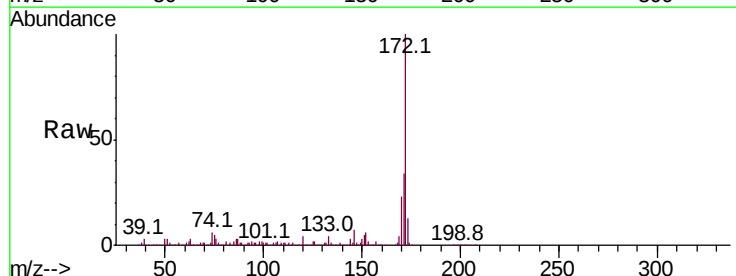
Instrument :
 BNA_M
 ClientSampleId :
 PB112404BS

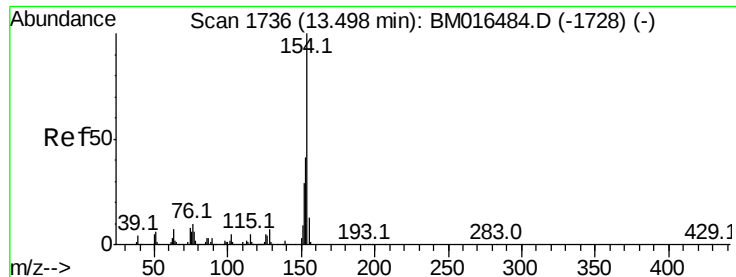
Tot Ion	Ratio	Lower	Upper
196	100		
198	101.9	79.4	119.0
97	37.6	26.8	40.2
132	12.7	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 97.508 ng
 RT: 13.26 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	23.4	18.8	28.2





#45

1,1'-Biphenyl

Concen: 37.189 ng

RT: 13.47 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

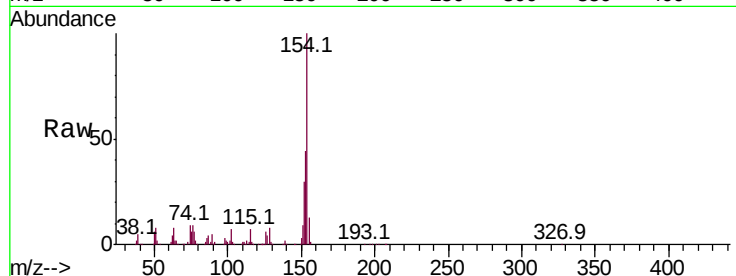
Tot Ion:154 Resp: 964150

Ion Ratio Lower Upper

154 100

153 44.5 20.7 60.7

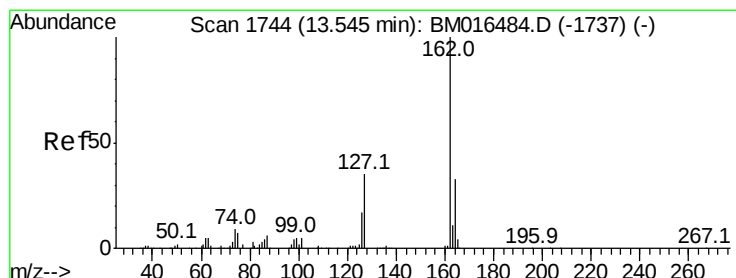
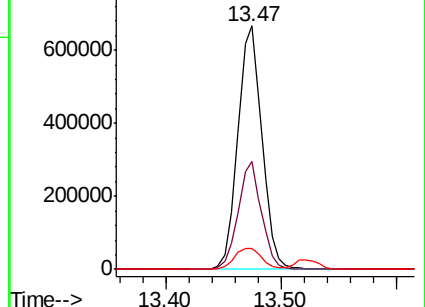
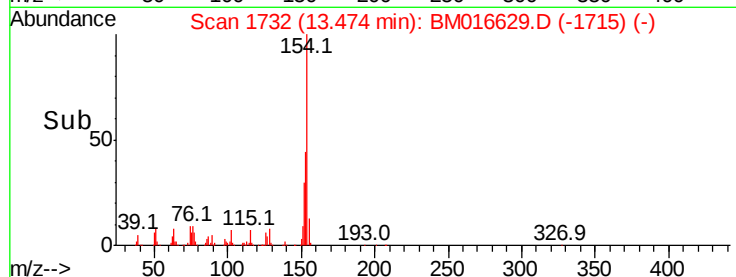
76 8.6 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 38.232 ng

RT: 13.52 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

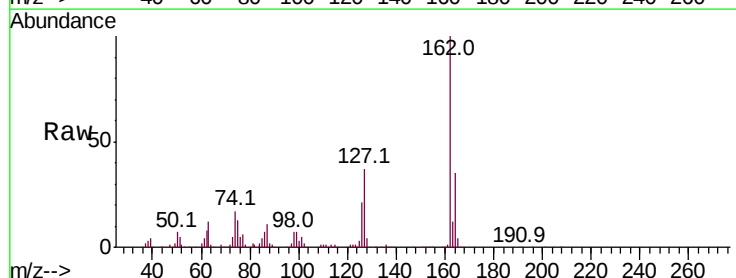
Tgt Ion:162 Resp: 805262

Ion Ratio Lower Upper

162 100

127 37.3 26.9 40.3

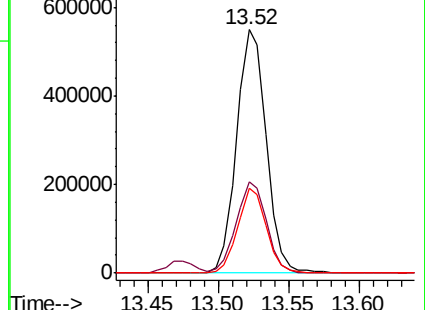
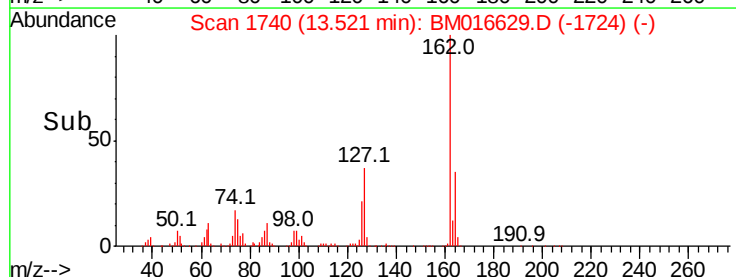
164 35.1 26.8 40.2

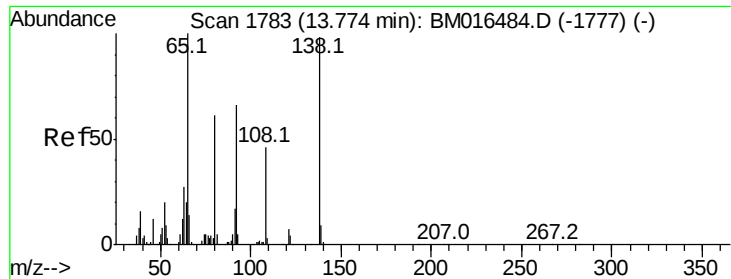


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

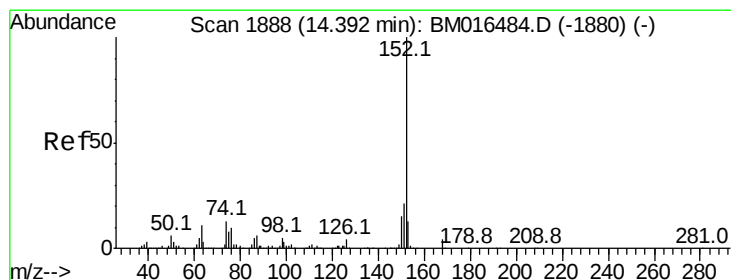
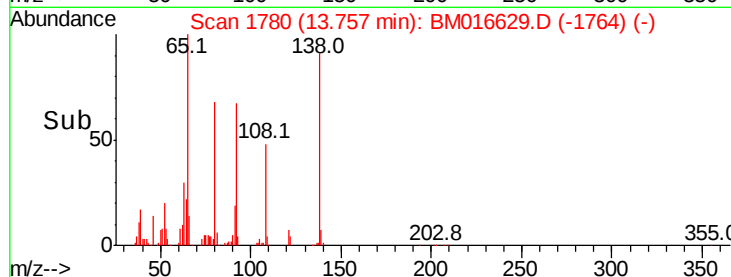
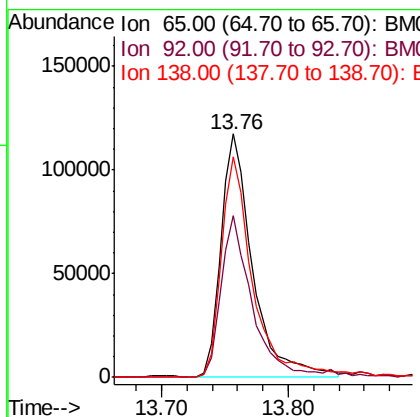
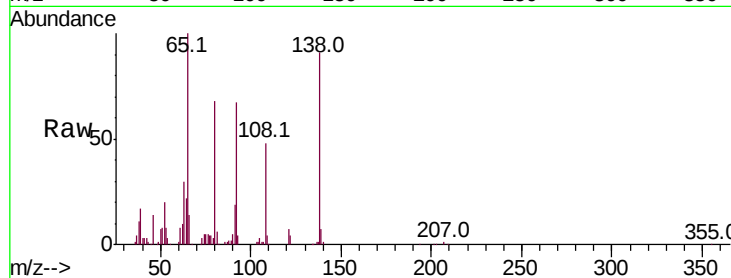




#47
2-Nitroaniline
Concen: 36.312 ng
RT: 13.76 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

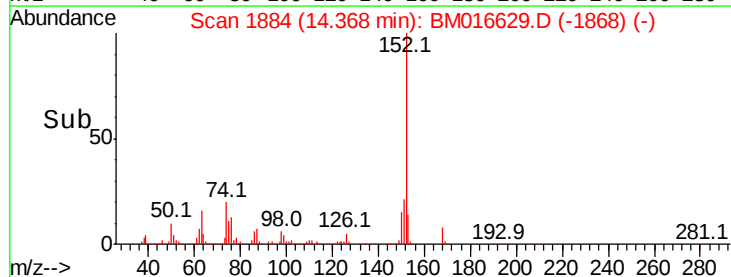
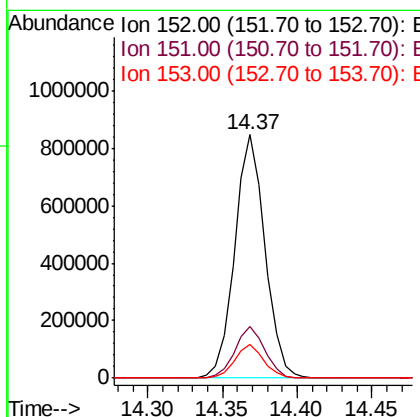
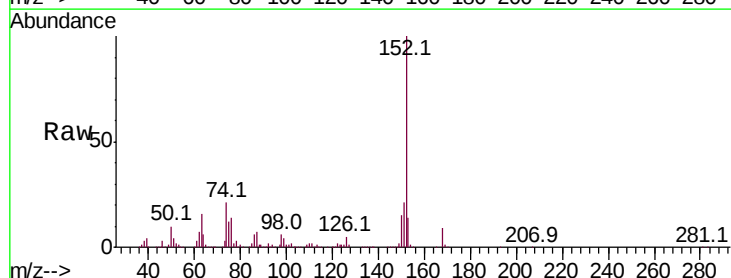
Instrument :
BNA_M
ClientSampleId :
PB112404BS

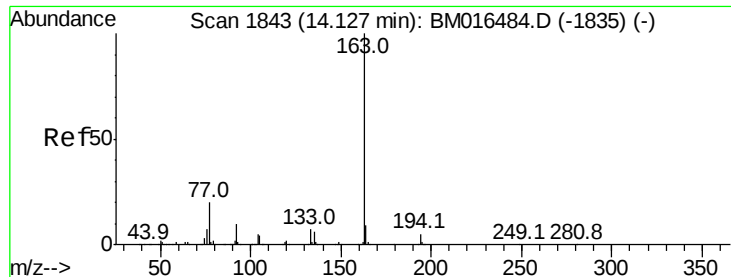
Tot Ion: 65 Resp: 203719
Ion Ratio Lower Upper
65 100
92 66.5 59.1 88.7
138 90.7 93.9 140.9#



#48
Acenaphthylene
Concen: 40.057 ng
RT: 14.37 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion: 152 Resp: 1190954
Ion Ratio Lower Upper
152 100
151 21.0 15.9 23.9
153 13.8 10.6 16.0





#49

Dimethylphthalate

Concen: 41.375 ng

RT: 14.11 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

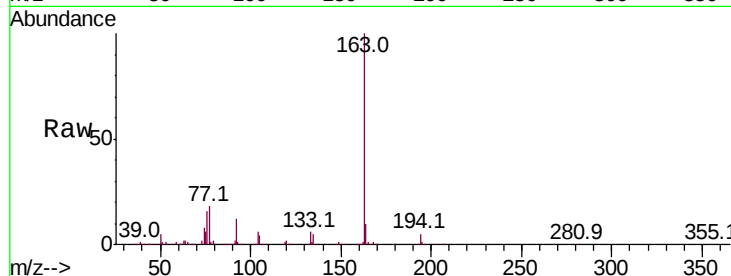
Tot Ion:163 Resp: 1175298

Ion Ratio Lower Upper

163 100

194 5.4 2.7 4.1#

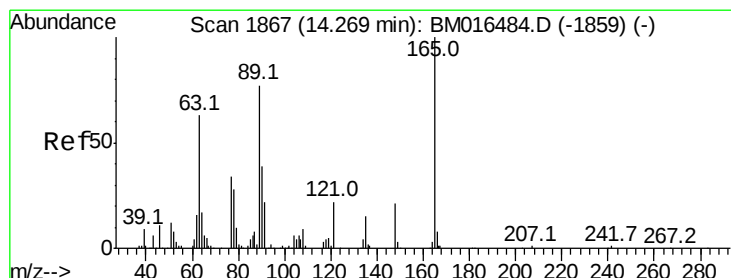
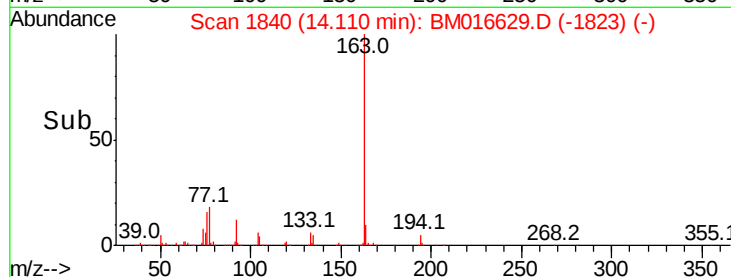
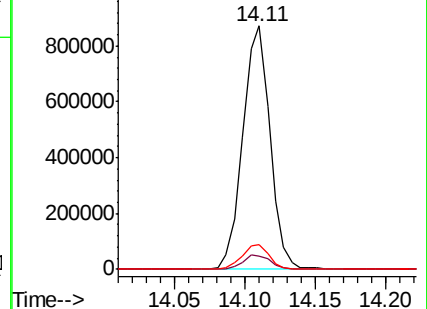
164 10.1 8.2 12.2



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: 40.434 ng

RT: 14.25 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

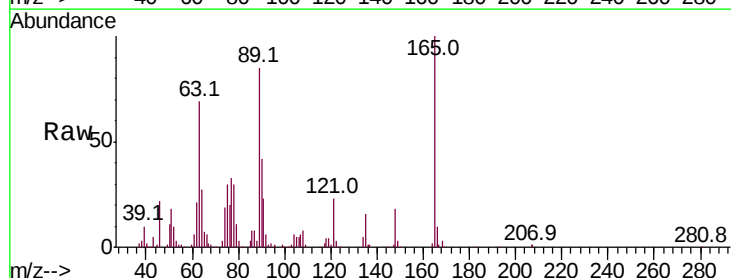
Tgt Ion:165 Resp: 224025

Ion Ratio Lower Upper

165 100

63 69.4 44.1 66.1#

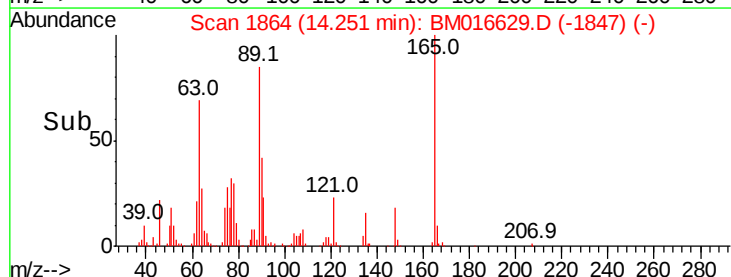
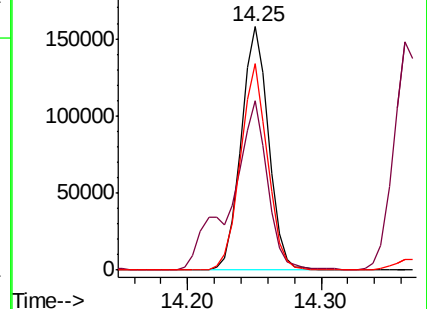
89 85.0 44.3 66.5#

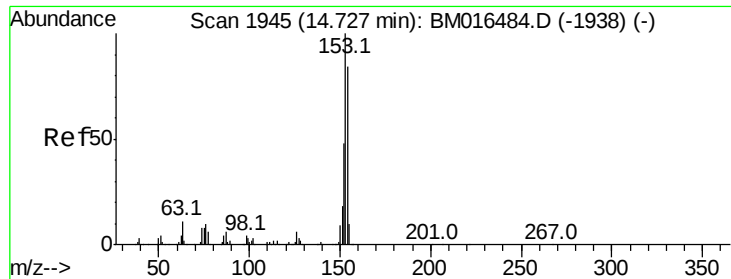


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 38.684 ng

RT: 14.71 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

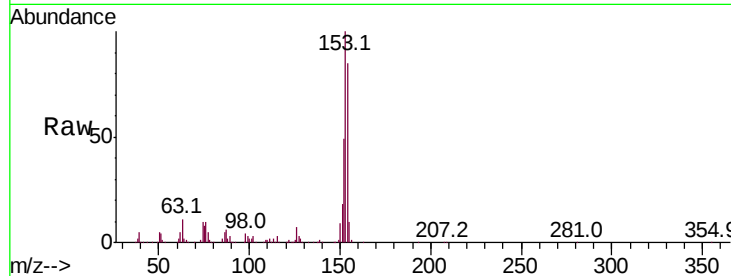
Tot Ion:154 Resp: 706594

Ion Ratio Lower Upper

154 100

153 117.7 90.0 135.0

152 57.4 42.6 63.8

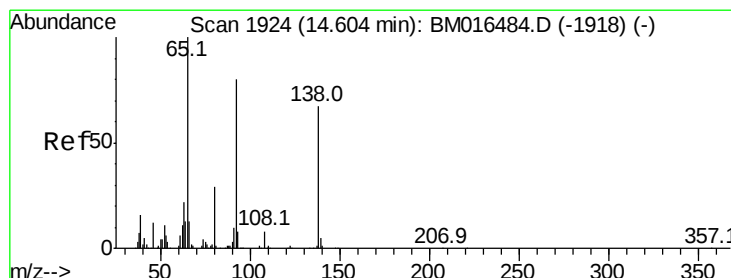
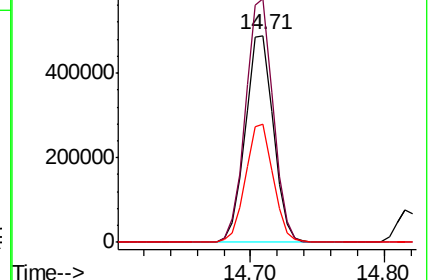
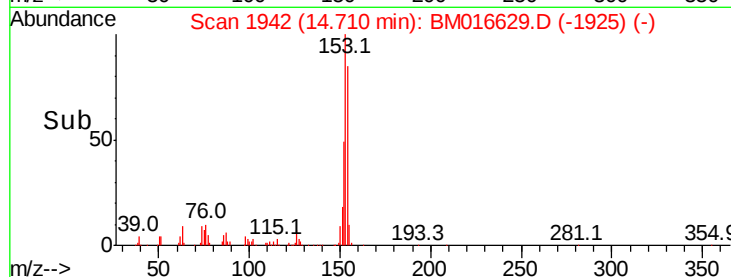


Abundance

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: 18.190 ng

RT: 14.59 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

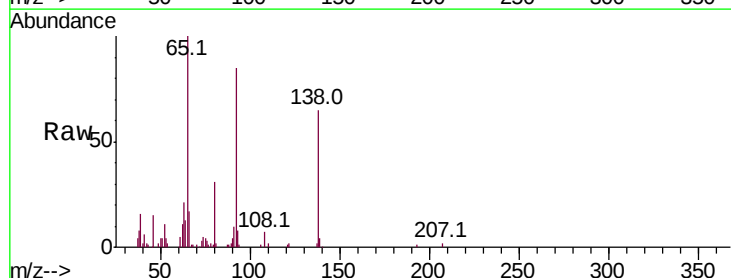
Tgt Ion:138 Resp: 91700

Ion Ratio Lower Upper

138 100

108 10.9 7.3 10.9#

92 129.8 76.6 114.8#

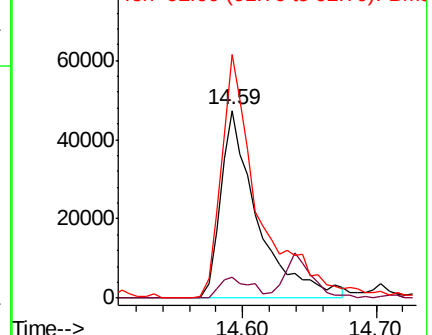
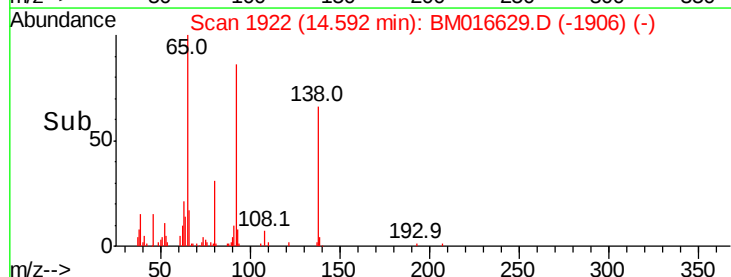


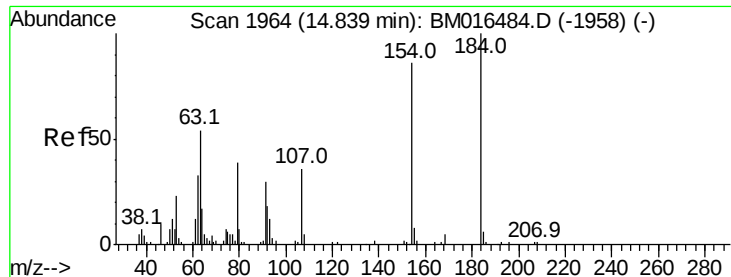
Abundance

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

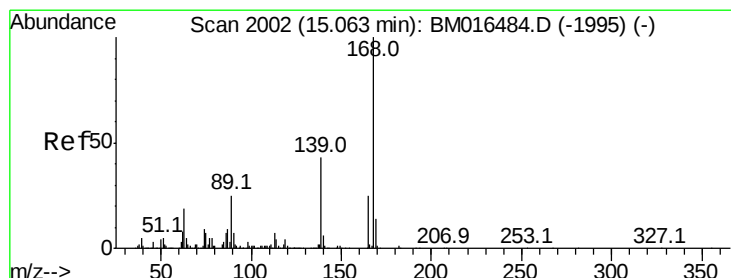
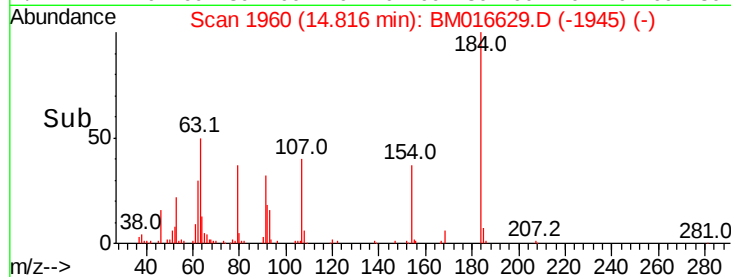
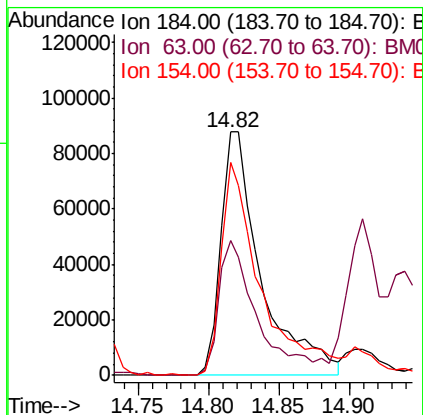
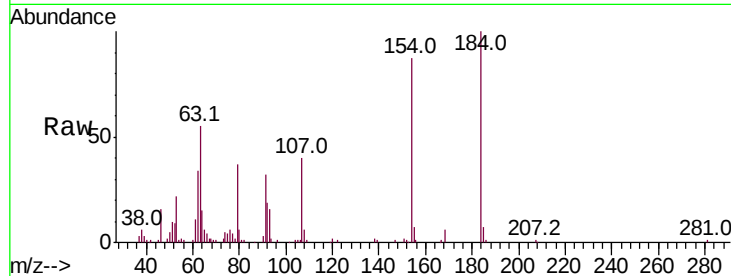




#53
2,4-Dinitrophenol
Concen: 62.997 ng
RT: 14.82 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

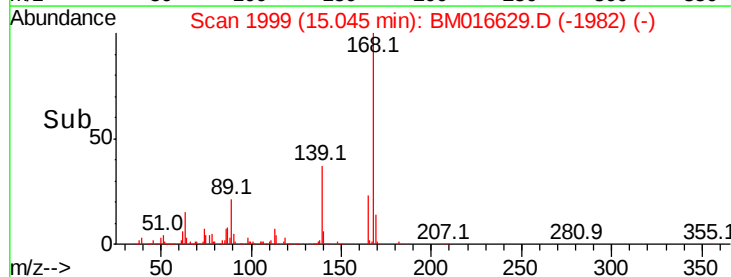
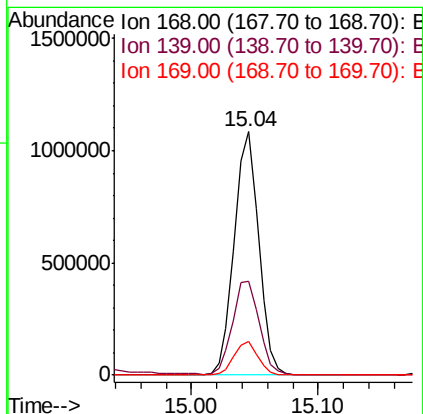
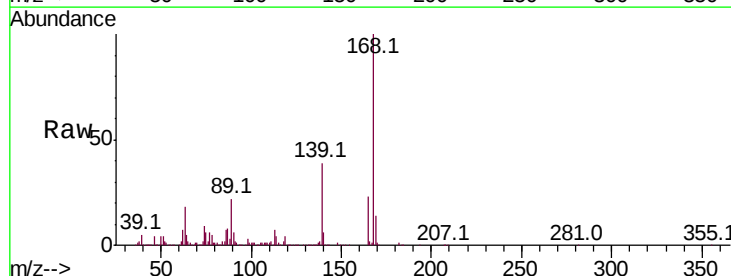
Instrument :
BNA_M
ClientSampleId :
PB112404BS

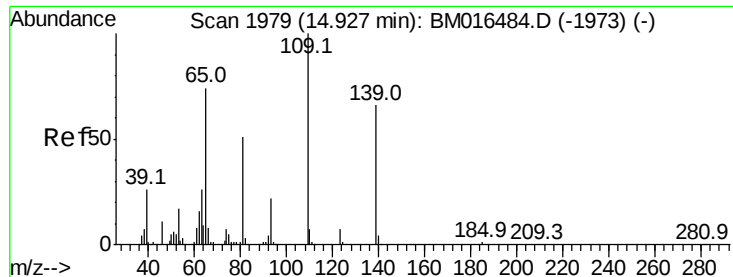
Tot Ion:184 Resp: 174671
Ion Ratio Lower Upper
184 100
63 55.4 69.2 103.8#
154 87.2 53.3 79.9#



#54
Dibenzofuran
Concen: 41.378 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion:168 Resp: 1446821
Ion Ratio Lower Upper
168 100
139 38.7 27.3 40.9
169 13.7 10.6 16.0

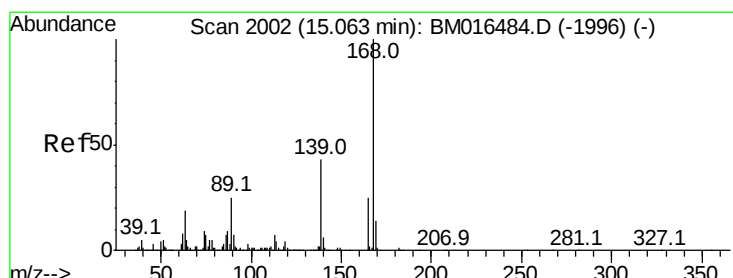
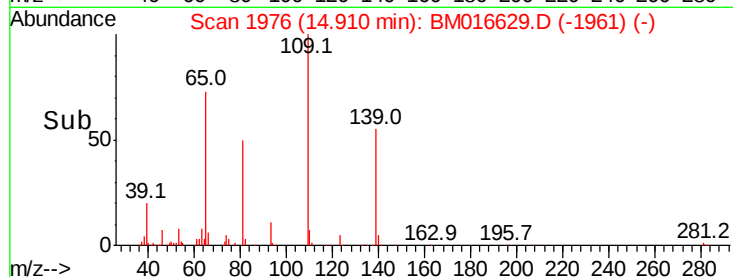
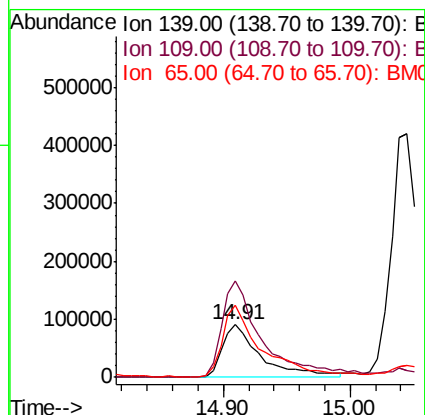
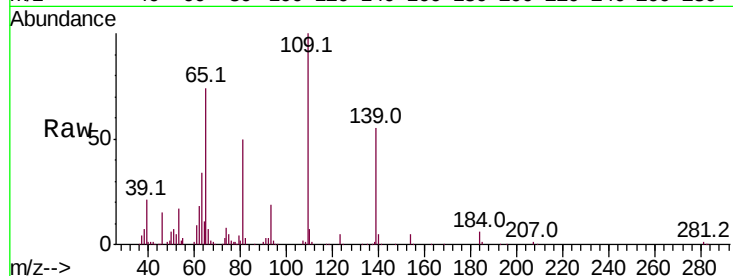




#55
4-Nitrophenol
Concen: 60.174 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

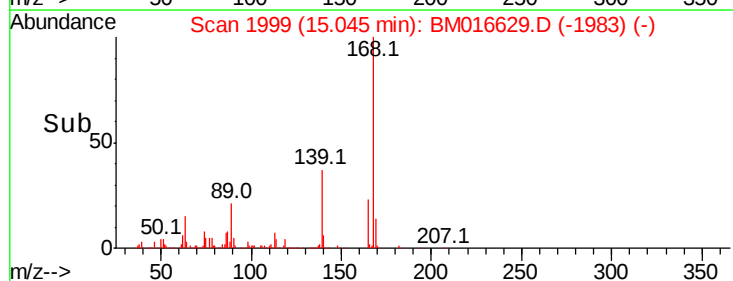
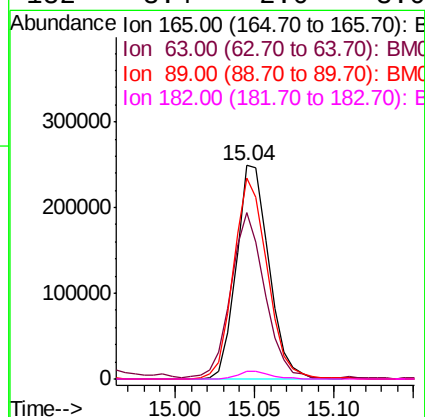
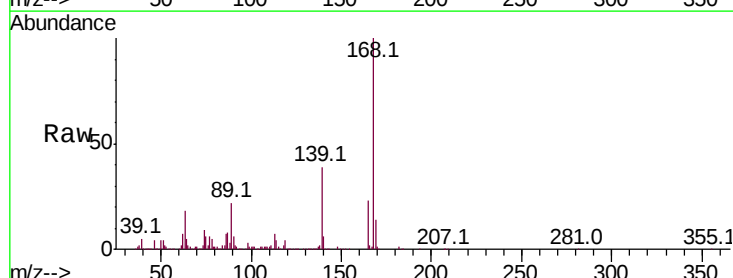
Instrument :
BNA_M
ClientSampleId :
PB112404BS

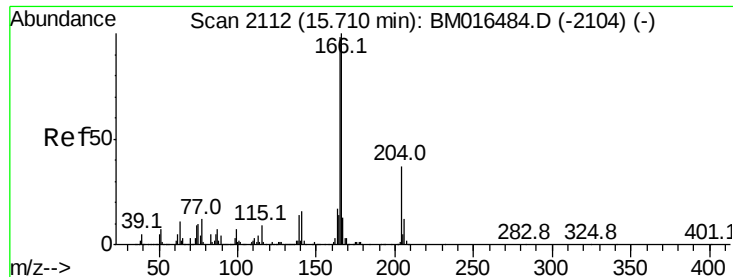
Tot Ion:139 Resp: 193485
Ion Ratio Lower Upper
139 100
109 182.7 130.0 170.0#
65 136.0 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 38.503 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion:165 Resp: 355724
Ion Ratio Lower Upper
165 100
63 78.2 52.4 78.6
89 94.2 72.4 108.6
182 3.4 2.0 3.0#

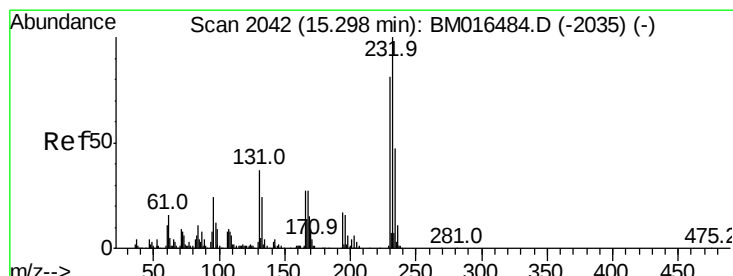
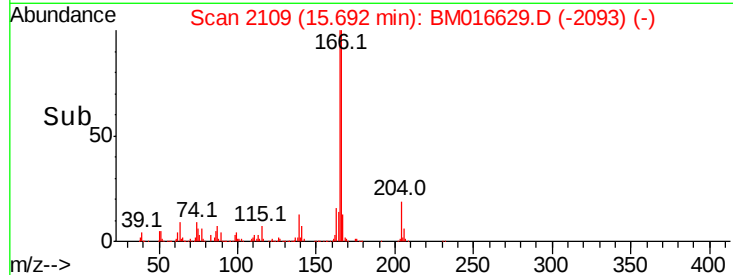
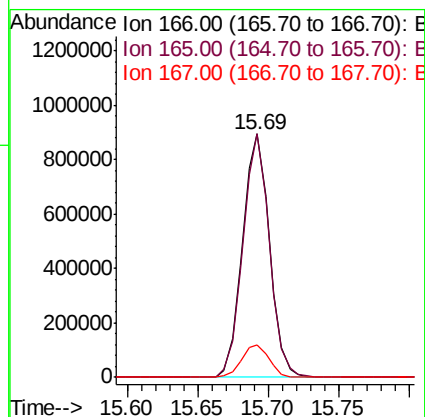
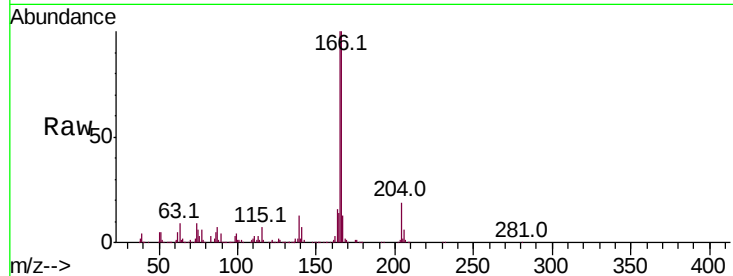




#57
 Fluorene
 Concen: 45.172 ng
 RT: 15.69 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

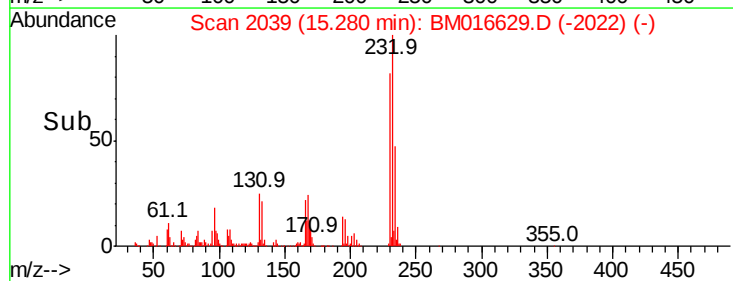
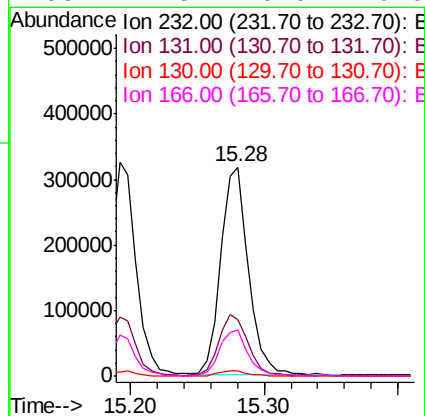
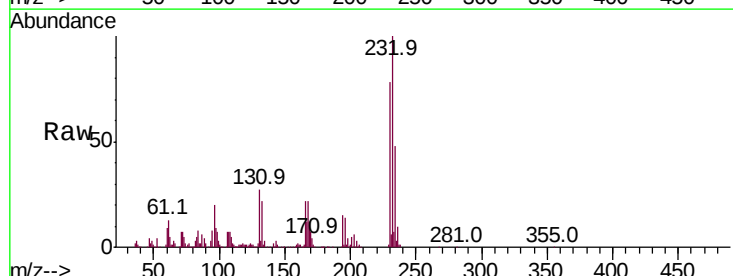
Instrument :
 BNA_M
 ClientSampleId :
 PB112404BS

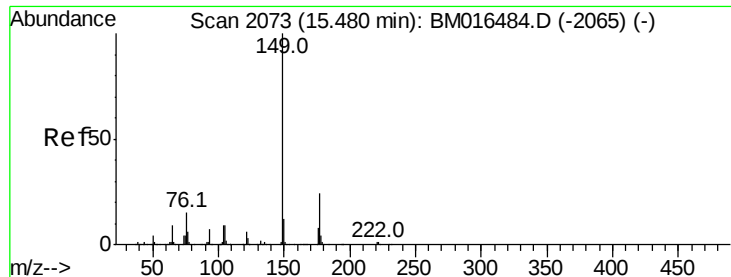
Tot Ion:166 Resp: 1193211
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.0 118.4
 167 13.3 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.449 ng
 RT: 15.28 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

Tgt Ion:232 Resp: 463582
 Ion Ratio Lower Upper
 232 100
 131 31.0 0.0 0.0#
 130 2.6 0.0 0.0#
 166 22.5 0.0 0.0#





#59

Diethylphthalate

Concen: 37.770 ng

RT: 15.46 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

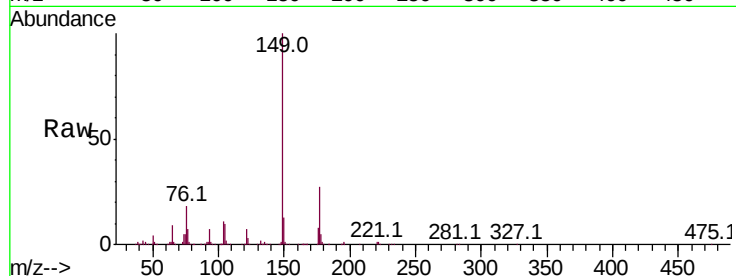
Tot Ion:149 Resp: 1118680

Ion Ratio Lower Upper

149 100

177 26.8 18.3 27.5

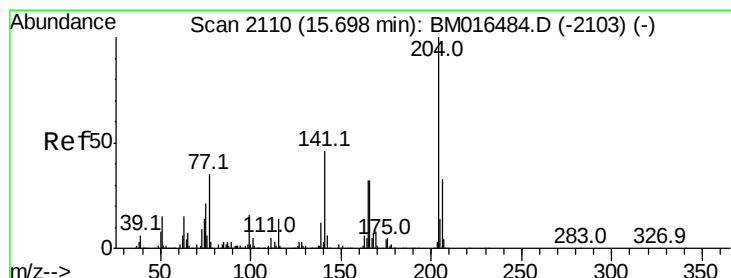
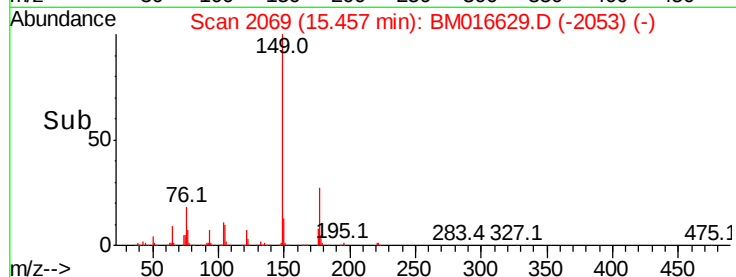
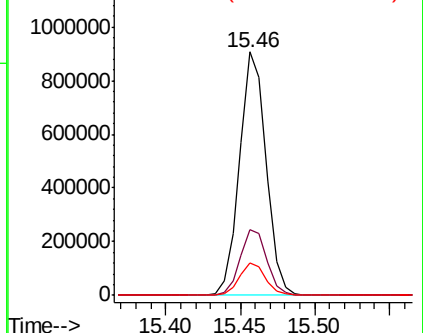
150 13.3 9.8 14.8



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: 46.451 ng

RT: 15.67 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

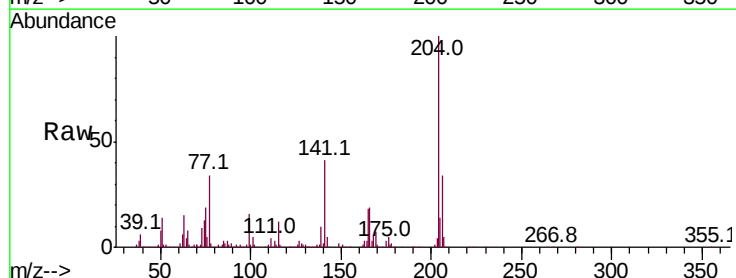
Tgt Ion:204 Resp: 1028976

Ion Ratio Lower Upper

204 100

206 34.0 26.6 39.8

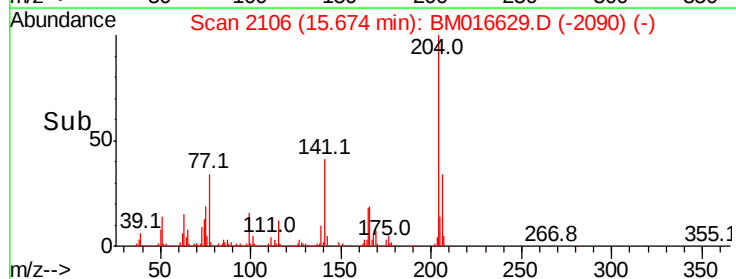
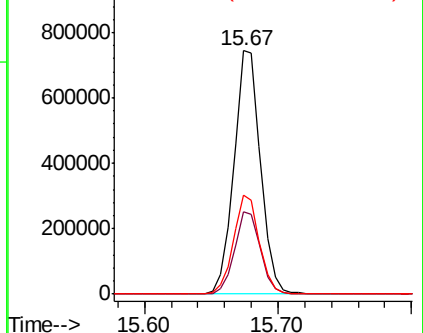
141 40.7 45.2 67.8#

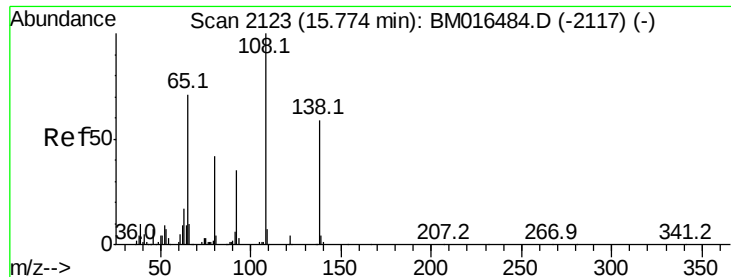


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

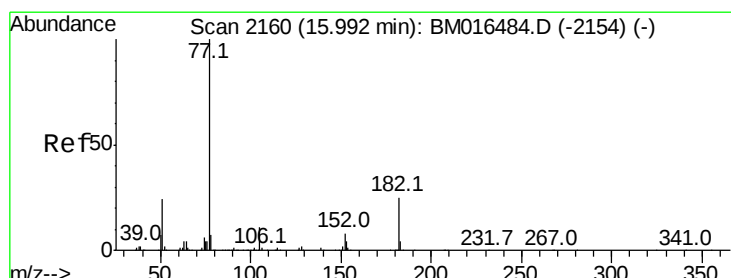
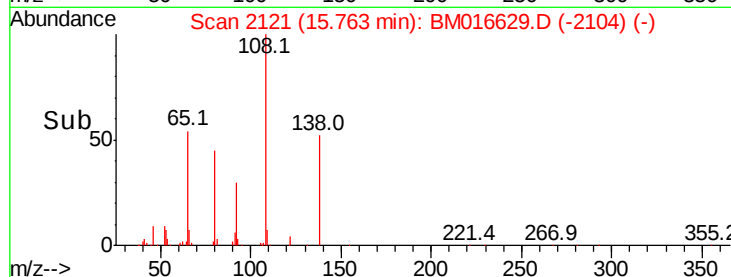
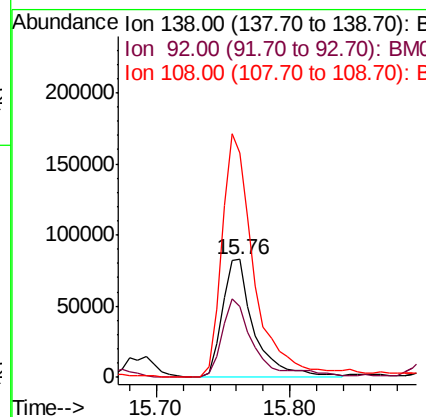
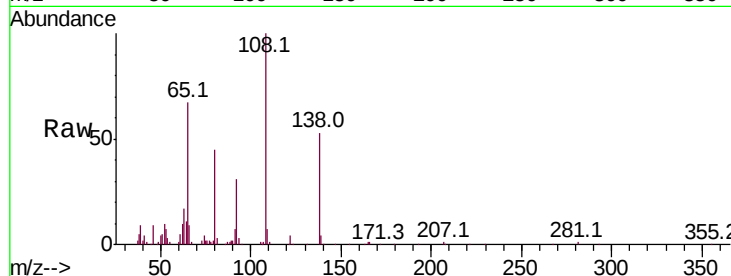




#61
4-Nitroaniline
Concen: 28.126 ng
RT: 15.76 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

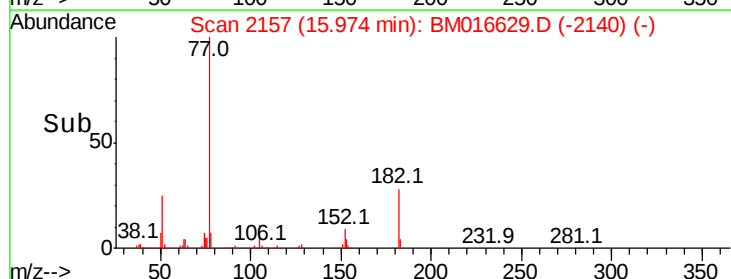
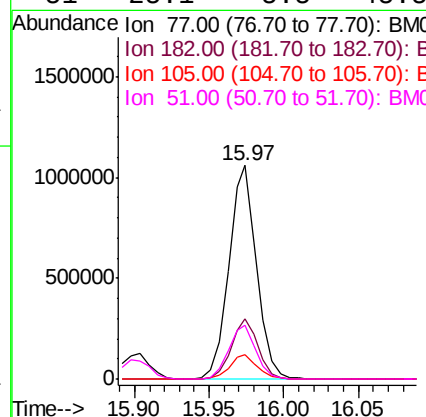
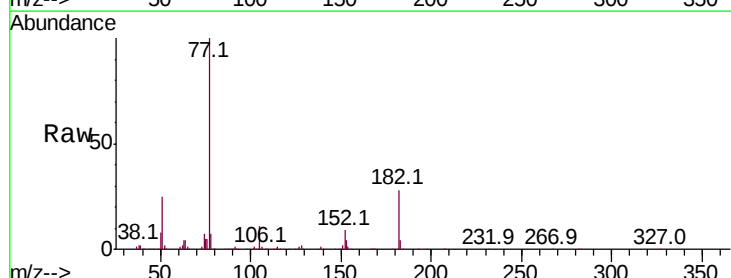
Instrument :
BNA_M
ClientSampleId :
PB112404BS

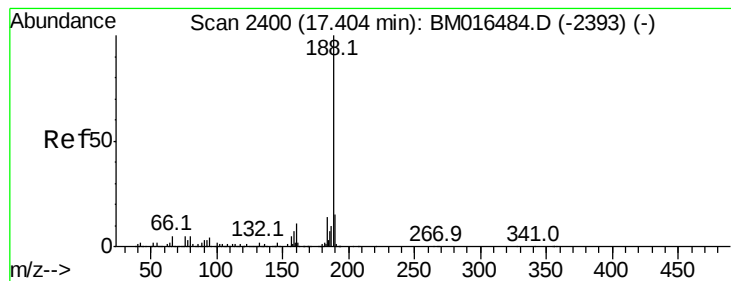
Tot Ion:138 Resp: 138576
Ion Ratio Lower Upper
138 100
92 59.5 16.7 56.7#
108 189.7 37.6 77.6#



#62
Azobenzene
Concen: 43.339 ng
RT: 15.97 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion: 77 Resp: 1367200
Ion Ratio Lower Upper
77 100
182 28.2 6.5 46.5
105 11.3 3.8 43.8
51 25.1 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

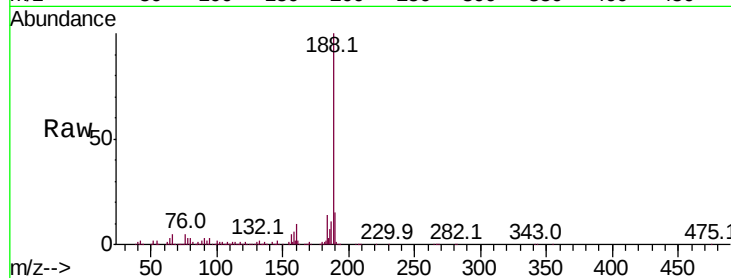
Tot Ion:188 Resp: 932322

Ion Ratio Lower Upper

188 100

94 2.8 8.7 13.1#

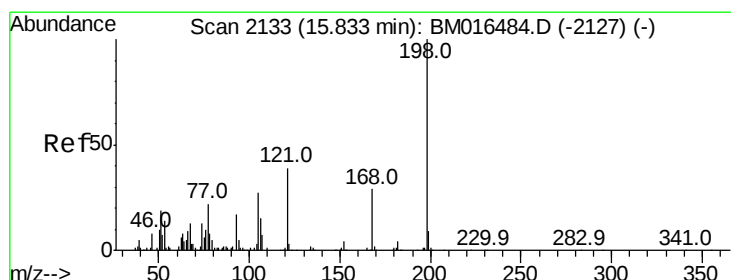
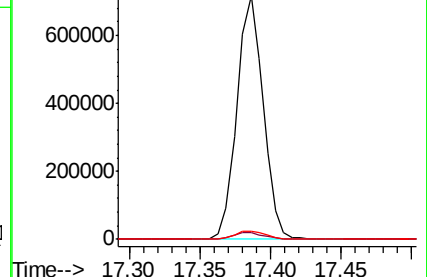
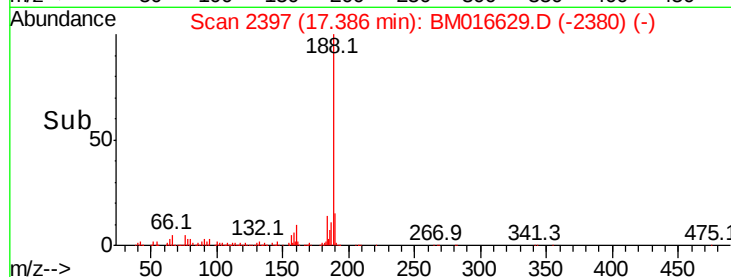
80 3.1 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#64

4,6-Dinitro-2-methylphenol

Concen: 30.163 ng

RT: 15.82 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

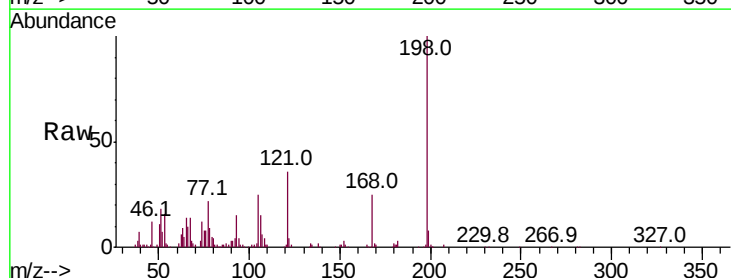
Tgt Ion:198 Resp: 213672

Ion Ratio Lower Upper

198 100

51 18.3 28.8 68.8#

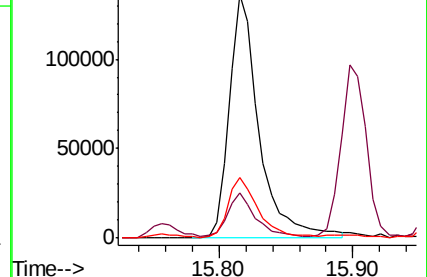
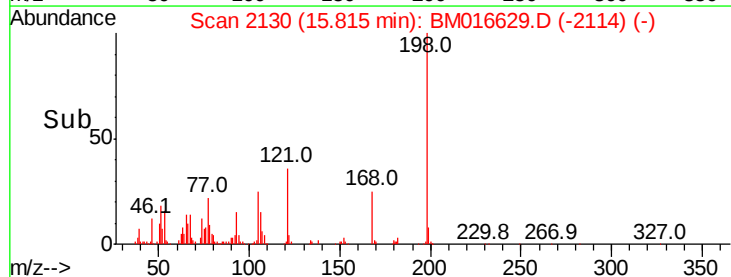
105 24.7 30.5 70.5#

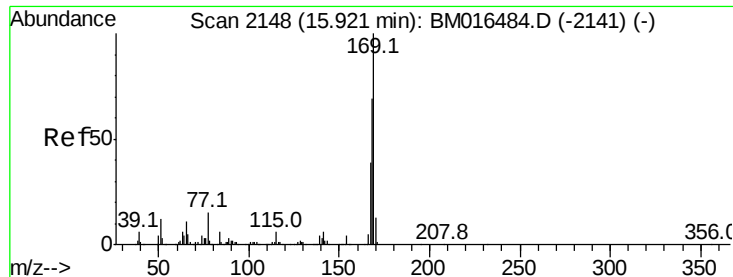


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

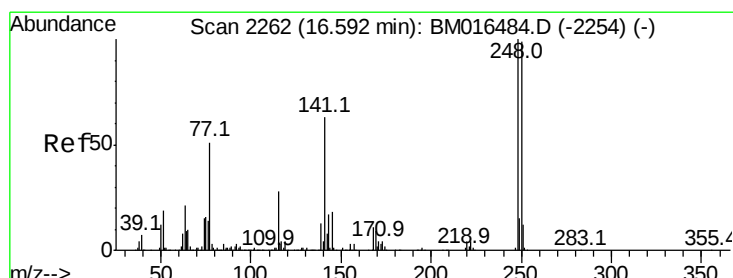
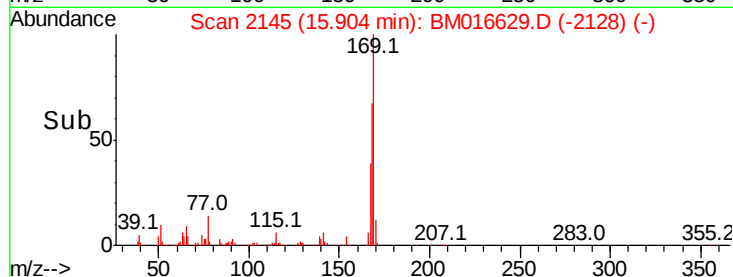
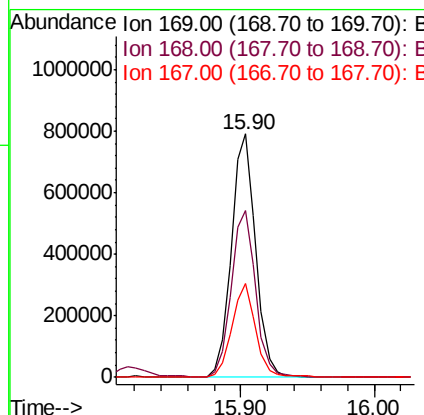
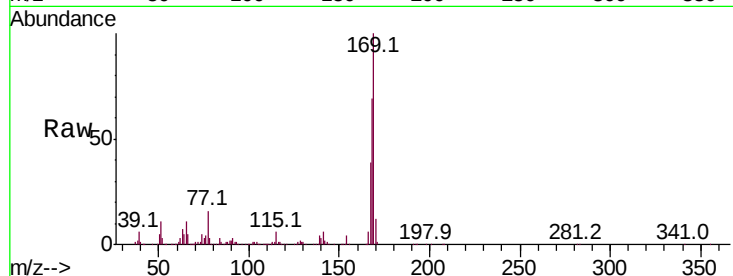




#65
n-Nitrosodiphenylamine
Concen: 38.436 ng
RT: 15.90 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

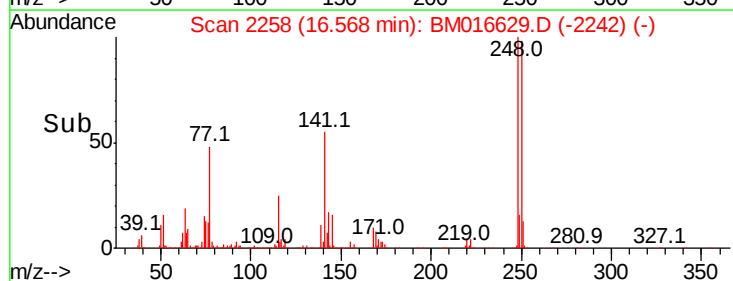
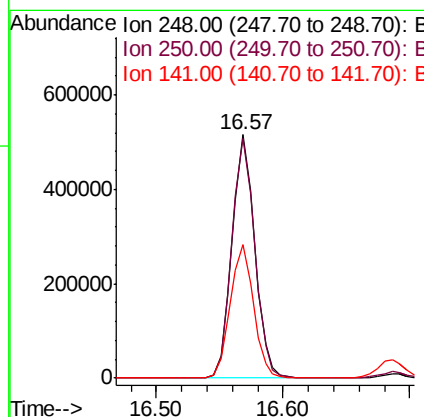
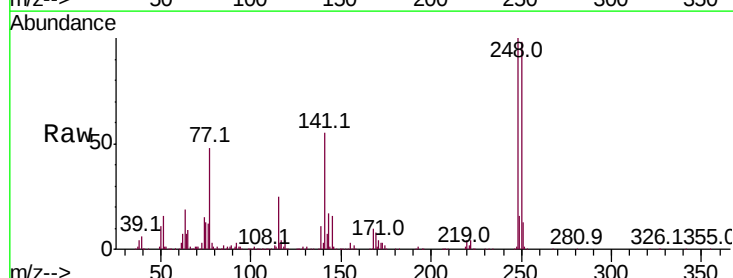
Instrument :
BNA_M
ClientSampleId :
PB112404BS

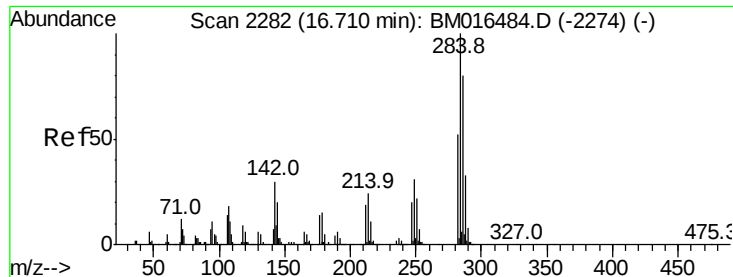
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.6	53.9	80.9
167	38.8	28.9	43.3



#66
4-Bromophenyl-phenylether
Concen: 44.796 ng
RT: 16.57 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.4	116.0
141	54.7	45.2	67.8





#67

Hexachlorobenzene

Concen: 42.907 ng

RT: 16.69 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

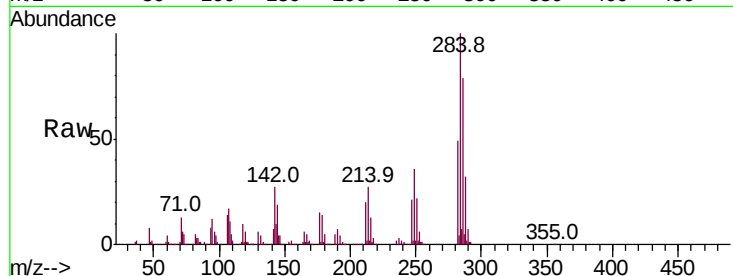
Tot Ion:284 Resp: 716806

Ion Ratio Lower Upper

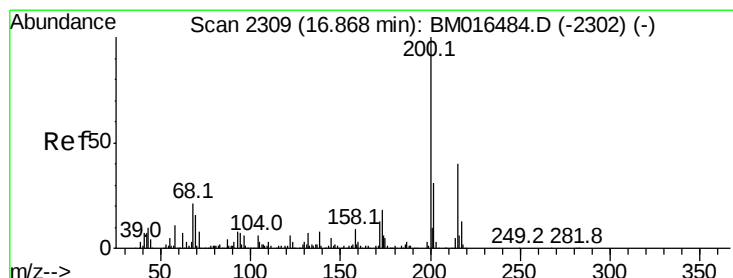
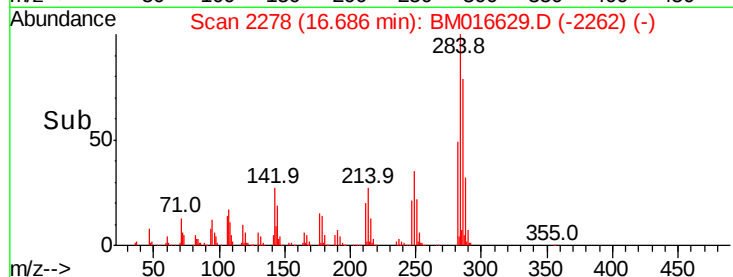
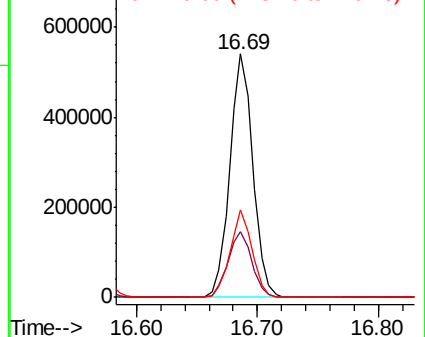
284 100

142 26.8 20.4 30.6

249 35.7 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: 49.726 ng

RT: 16.85 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

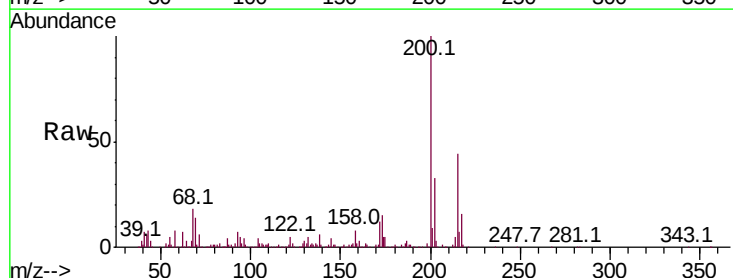
Tgt Ion:200 Resp: 595216

Ion Ratio Lower Upper

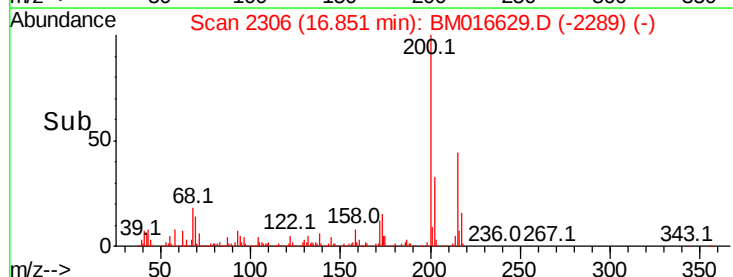
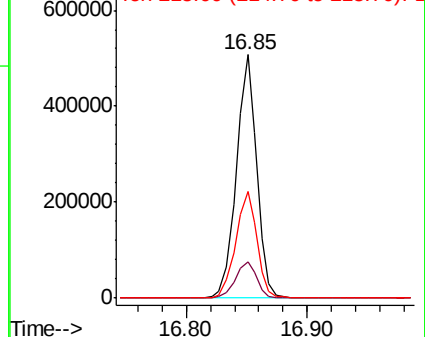
200 100

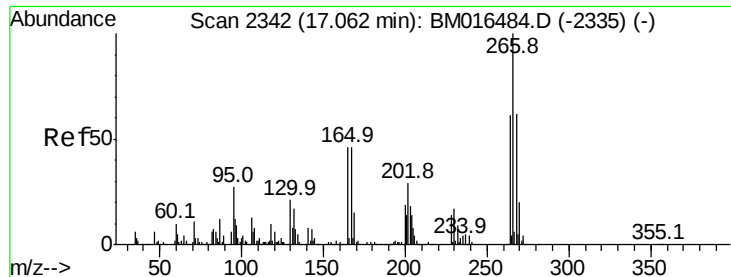
173 15.1 4.8 44.8

215 43.7 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

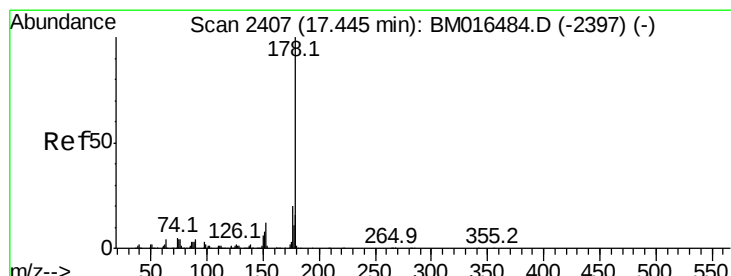
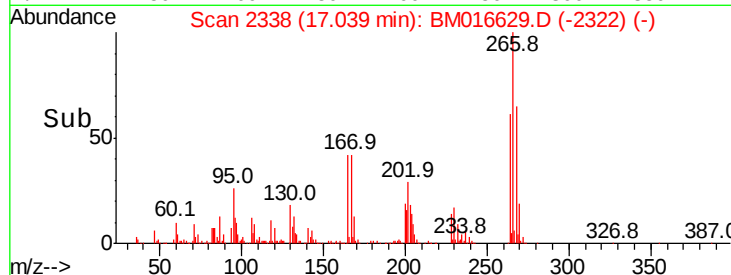
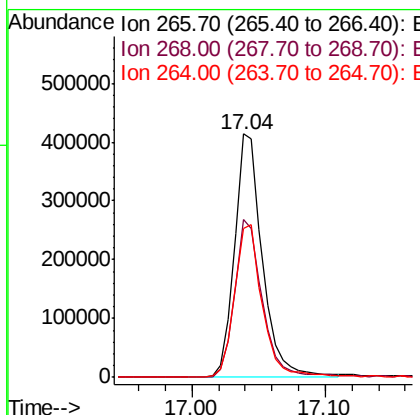
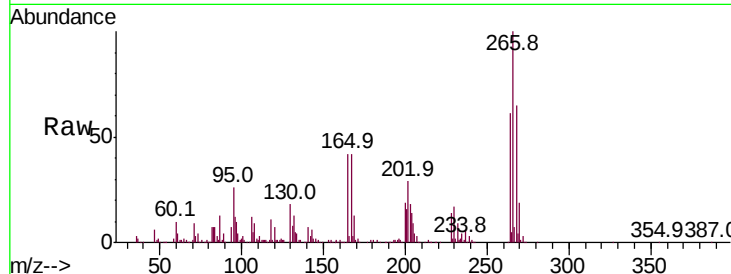




#69
 Pentachlorophenol
 Concen: 68.054 ng
 RT: 17.04 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

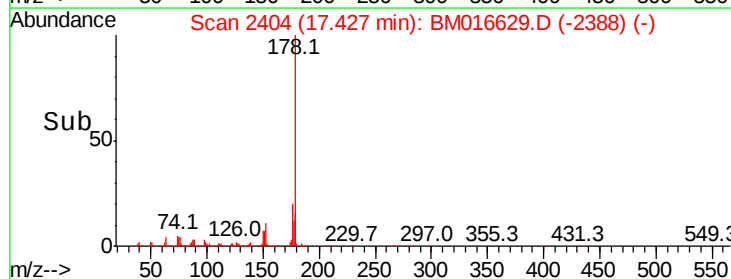
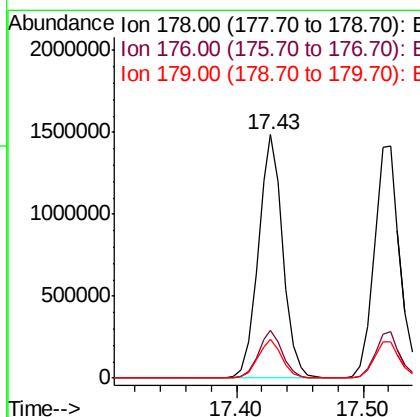
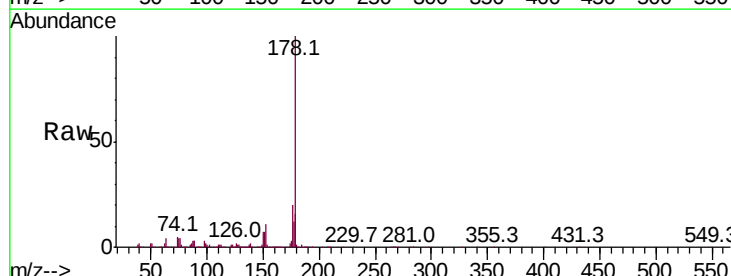
Instrument :
 BNA_M
 ClientSampleId :
 PB112404BS

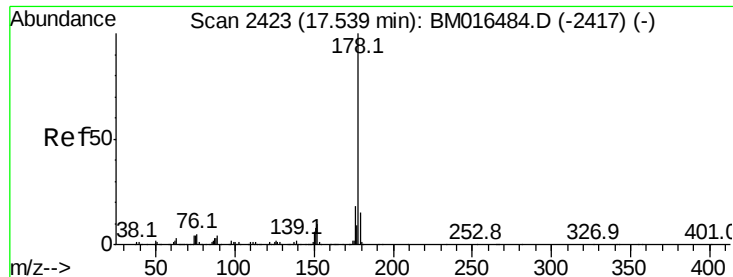
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	52.0	78.0
264	60.9	49.0	73.4



#70
 Phenanthrene
 Concen: 41.438 ng
 RT: 17.43 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.8	12.1	18.1



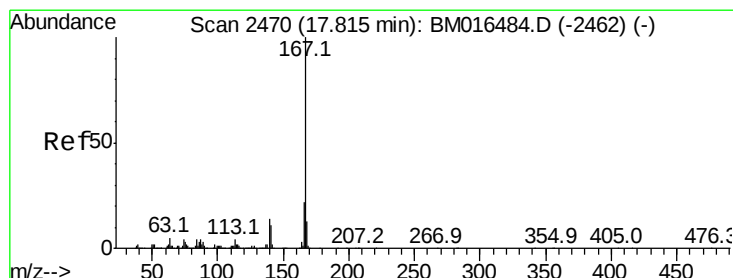
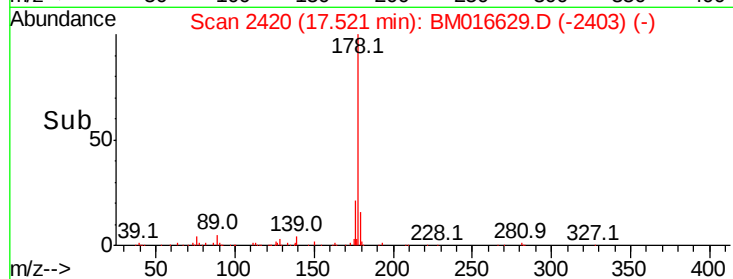
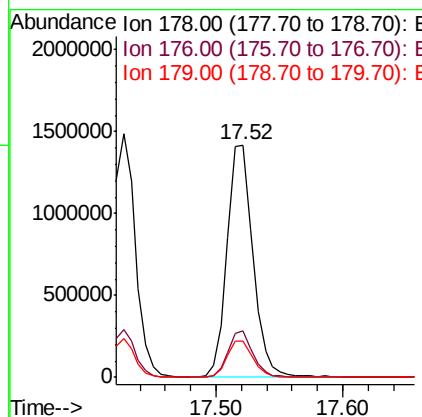
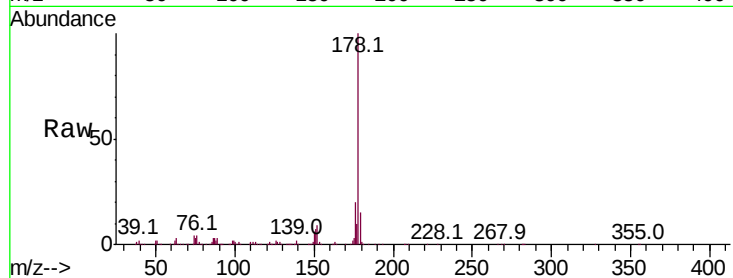


#71
 Anthracene
 Concen: 41.975 ng
 RT: 17.52 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 PB112404BS

Tot Ion:178 Resp: 2008491

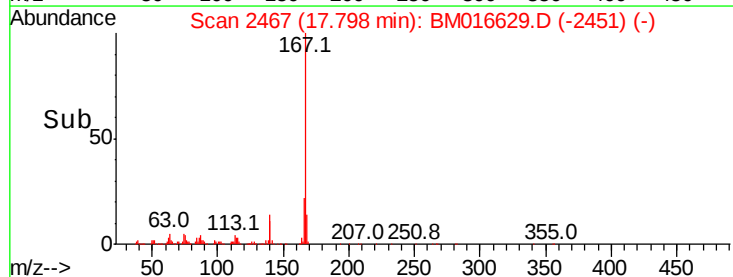
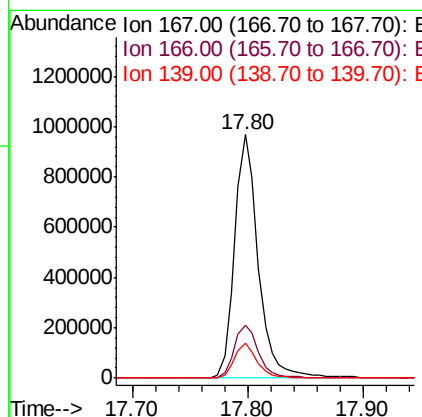
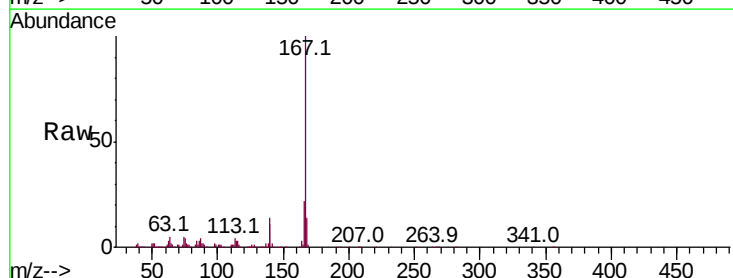
Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.6	22.0
179	15.5	12.6	19.0

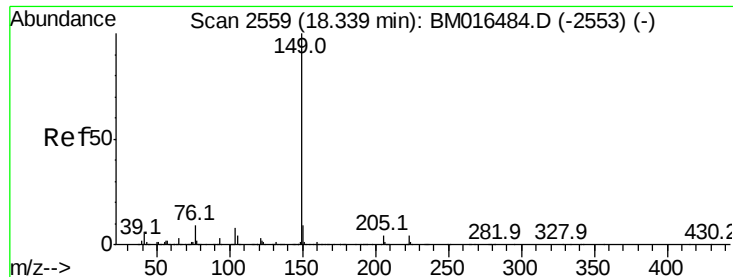


#72
 Carbazole
 Concen: 31.891 ng
 RT: 17.80 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

Tgt Ion:167 Resp: 1371394

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	14.1	10.8	16.2

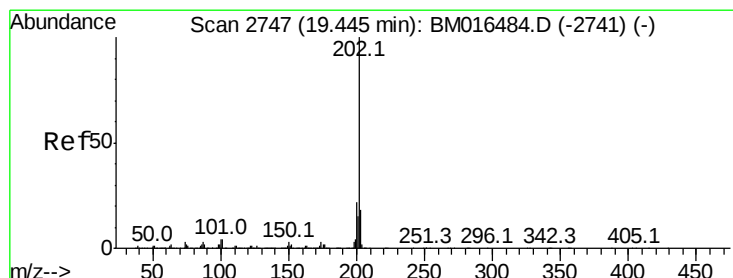
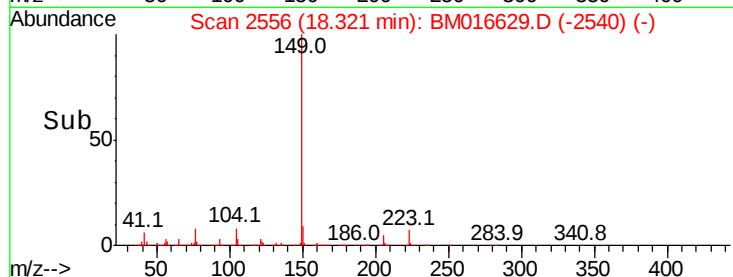
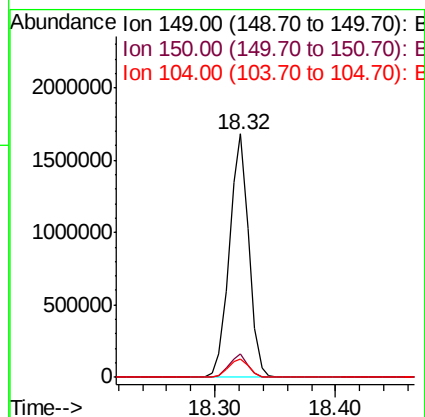
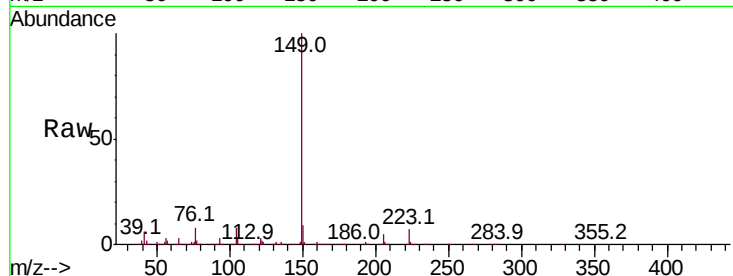




#73
Di-n-butylphthalate
Concen: 35.567 ng
RT: 18.32 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

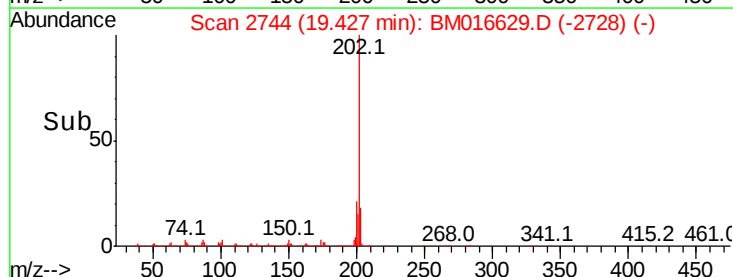
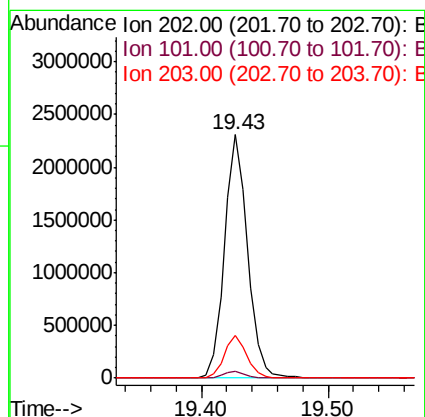
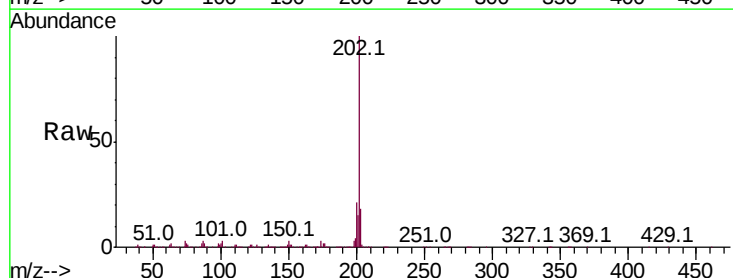
Instrument :
BNA_M
ClientSampleId :
PB112404BS

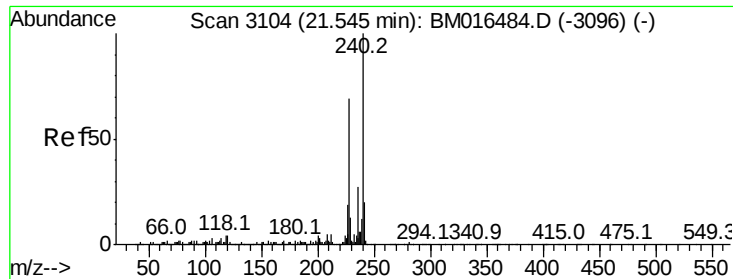
Tot Ion:149 Resp: 1864638
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 7.6 3.7 5.5#



#74
Fluoranthene
Concen: 41.038 ng
RT: 19.43 min Scan# 2744
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion:202 Resp: 2899506
Ion Ratio Lower Upper
202 100
101 2.7 0.0 28.7
203 17.7 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: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

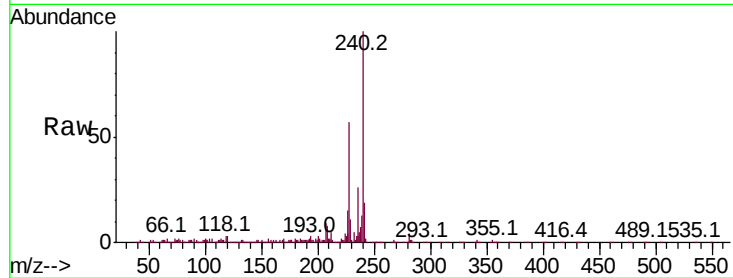
Tot Ion:240 Resp: 1204533

Ion Ratio Lower Upper

240 100

120 3.0 8.2 12.2#

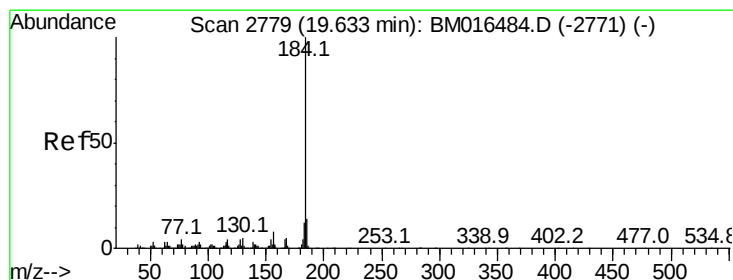
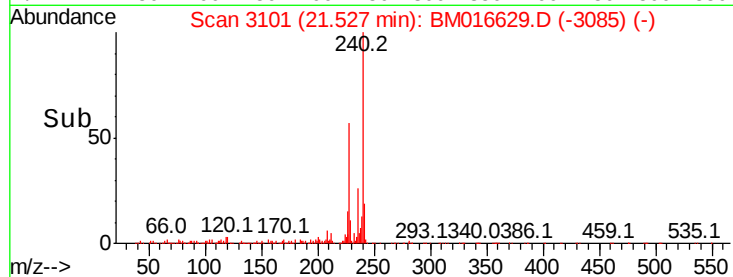
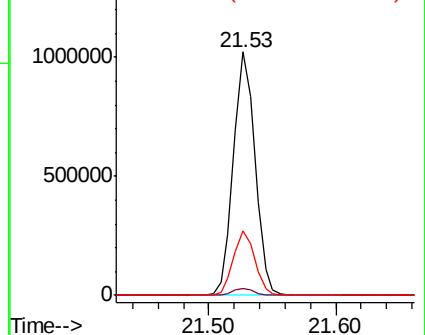
236 26.2 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.351 ng

RT: 19.62 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

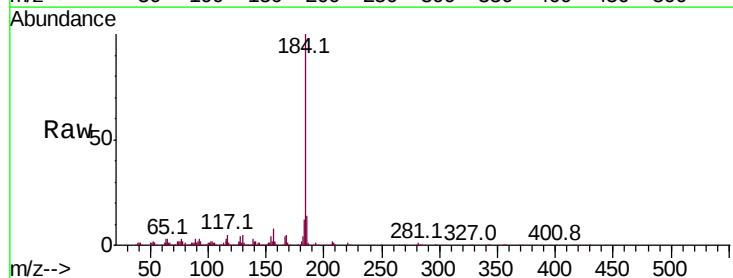
Tgt Ion:184 Resp: 818887

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

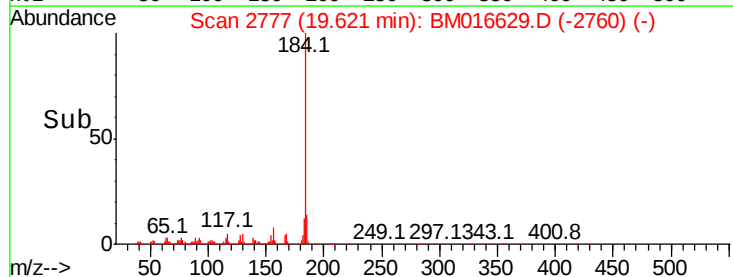
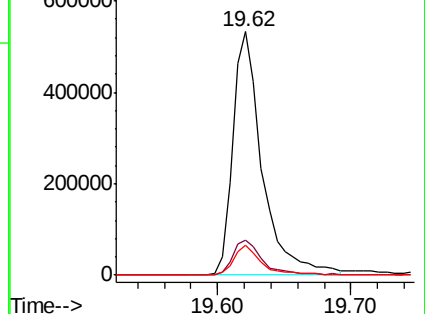
183 12.4 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



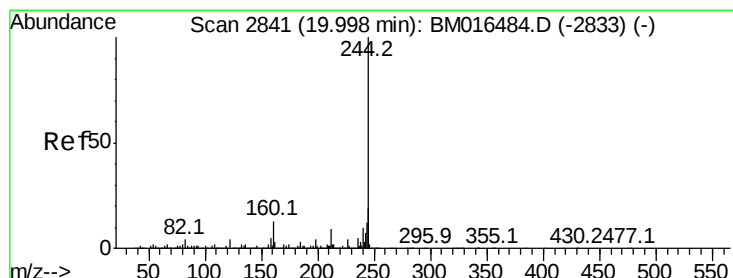
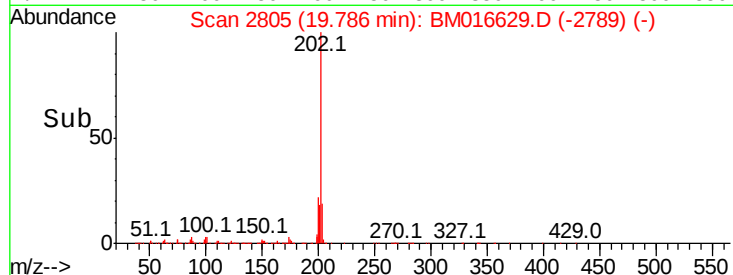
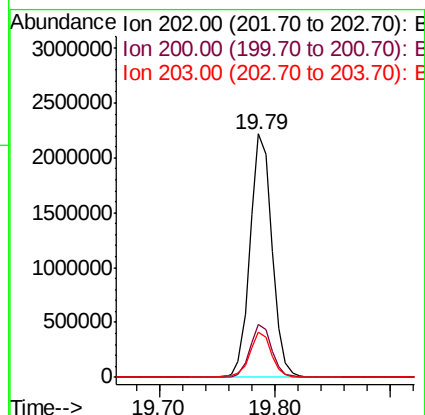
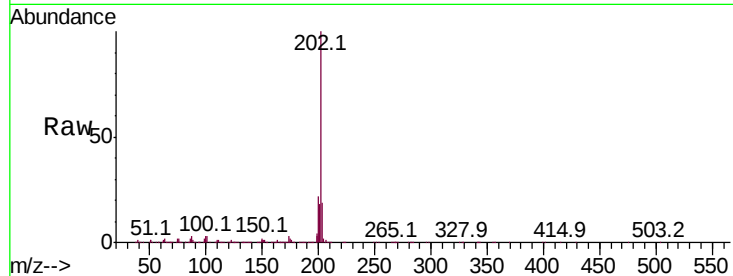


#77
Pvrene
Concen: 44.708 ng
RT: 19.79 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Instrument :
BNA_M
ClientSampleId :
PB112404BS

Tot Ion:202 Resp: 2926671

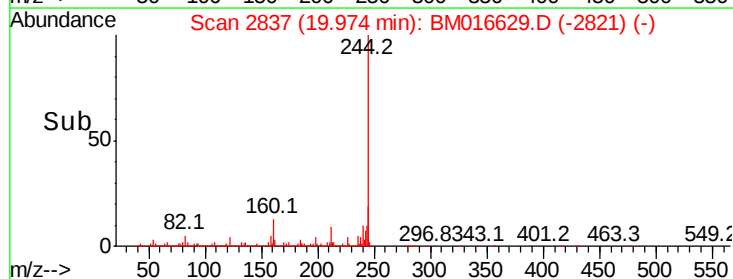
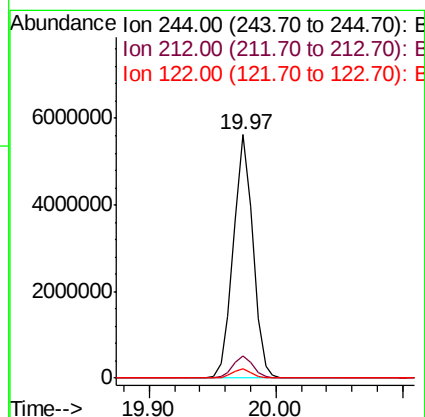
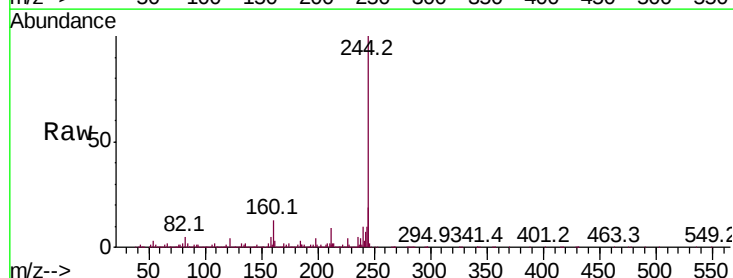
Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.7	14.1	21.1

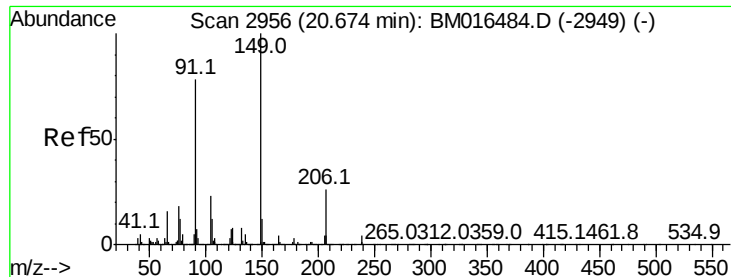


#78
Terphenyl-d14
Concen: 104.358 ng
RT: 19.97 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion:244 Resp: 5938972

Ion	Ratio	Lower	Upper
244	100		
212	9.2	4.9	7.3#
122	3.8	6.2	9.4#

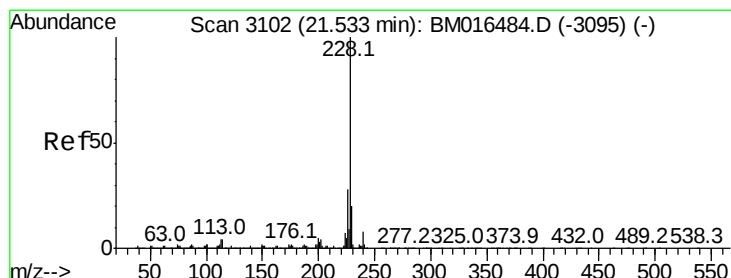
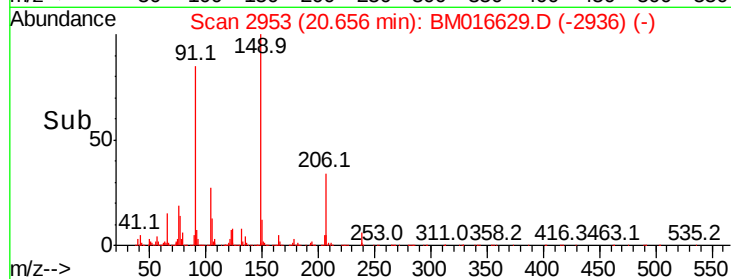
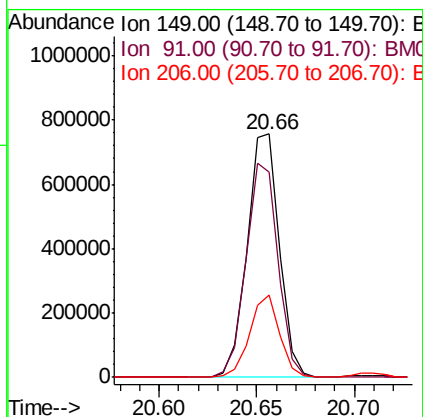
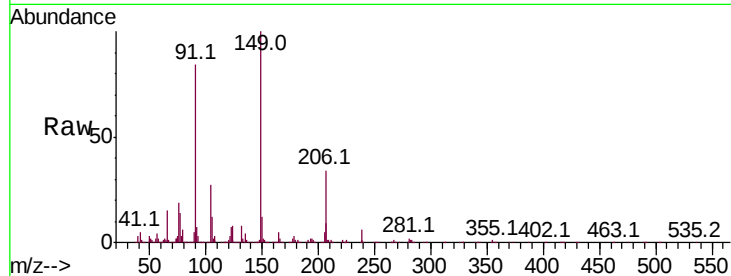




#79
Butylbenzylphthalate
Concen: 38.124 ng
RT: 20.66 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

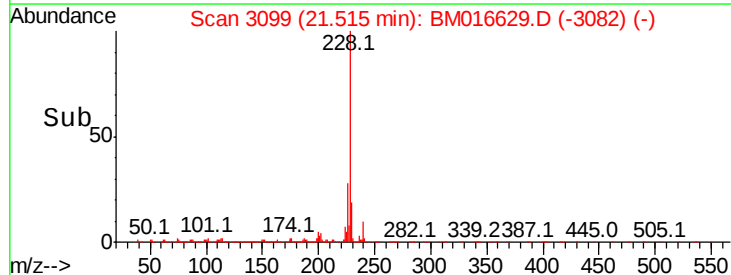
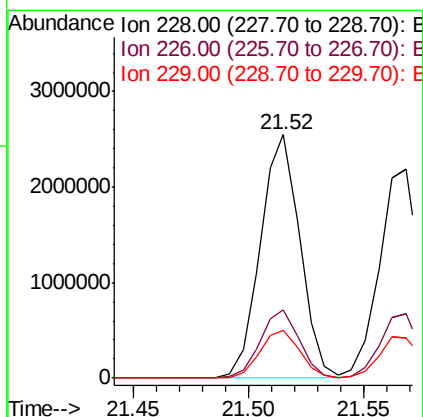
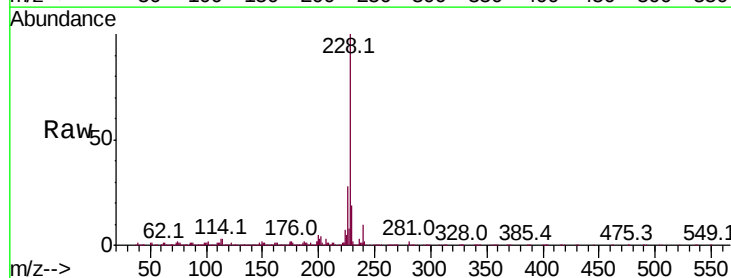
Instrument :
BNA_M
ClientSampleId :
PB112404BS

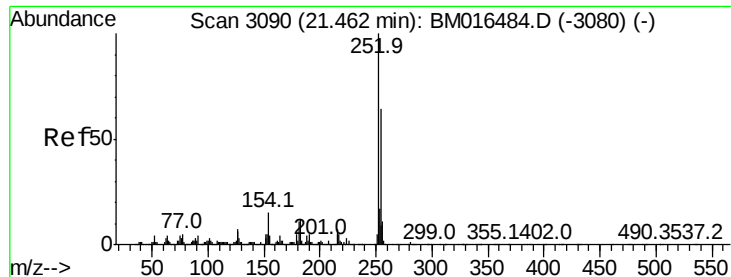
Tot Ion:149 Resp: 861448
Ion Ratio Lower Upper
149 100
91 84.4 50.1 75.1#
206 33.9 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 42.811 ng
RT: 21.52 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM016629.D
Acq: 28 Aug 2018 05:51

Tgt Ion:228 Resp: 3031739
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 19.4 16.0 24.0

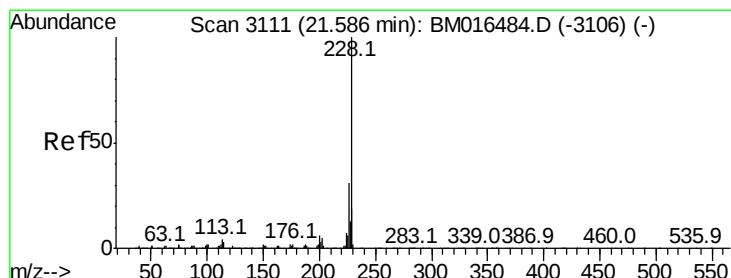
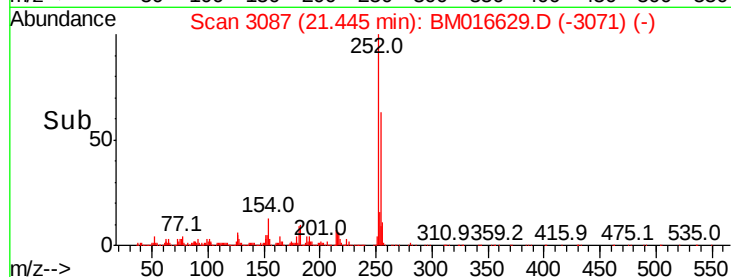
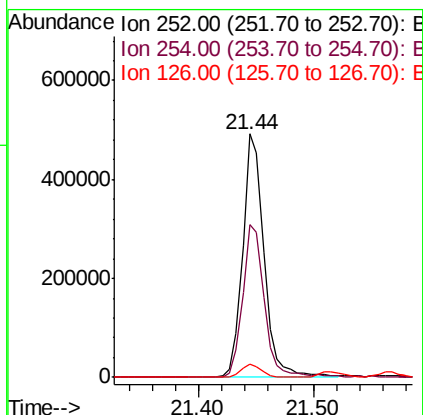
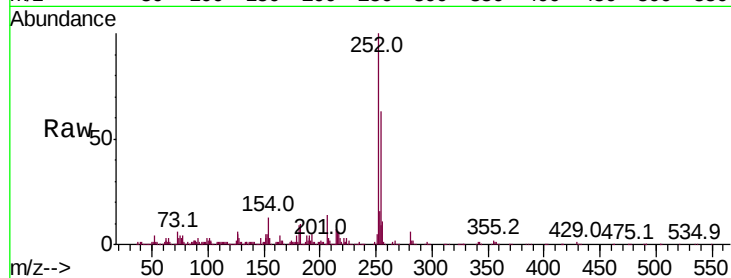




#81
 3,3'-Dichlorobenzidine
 Concen: 19.968 ng
 RT: 21.44 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

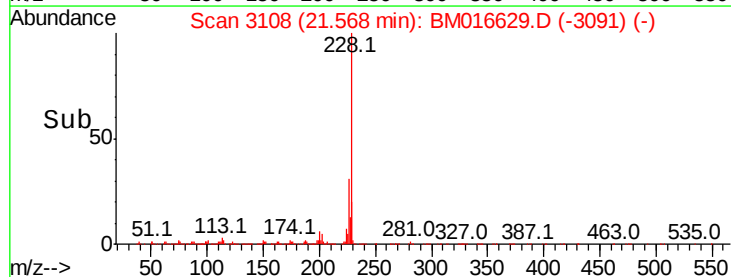
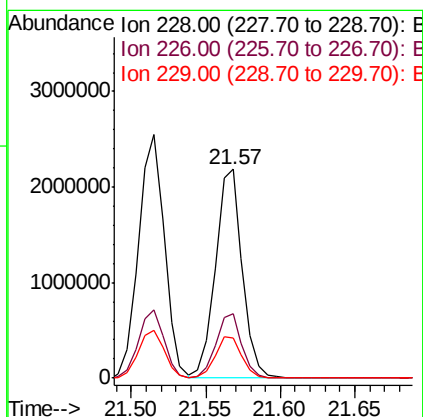
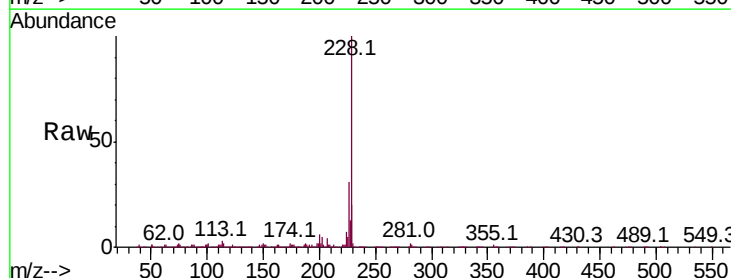
Instrument :
 BNA_M
 ClientSampleId :
 PB112404BS

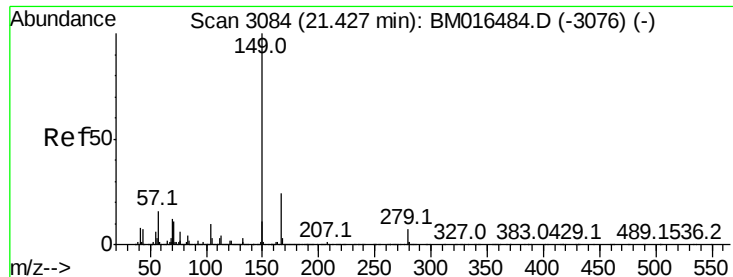
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.9	77.9
126	5.3	9.8	14.8



#82
 Chrysene
 Concen: 40.621 ng
 RT: 21.57 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	19.5	15.5	23.3



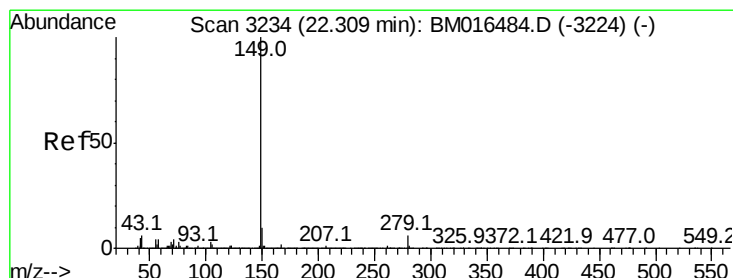
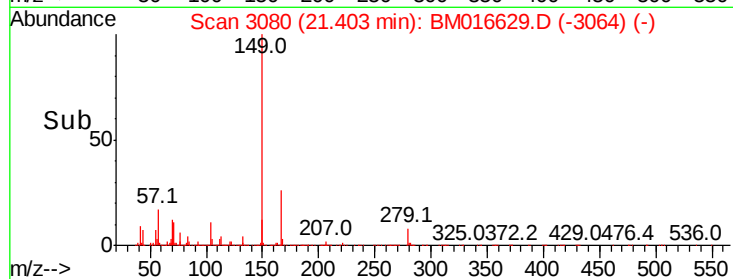
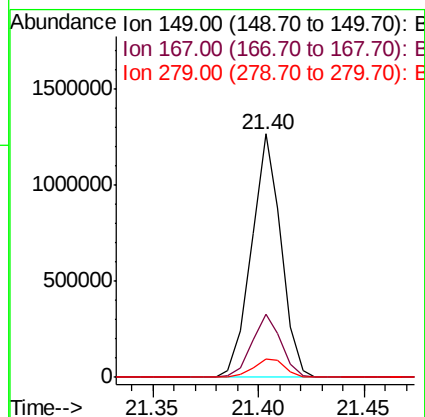
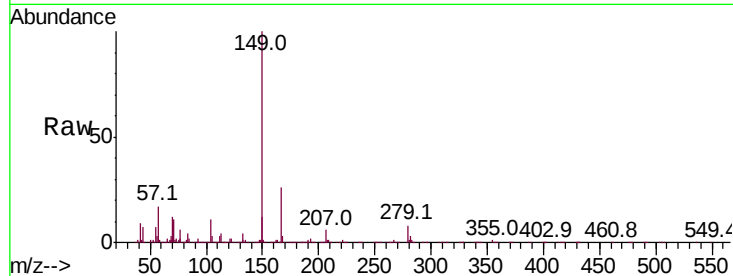


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.465 ng
 RT: 21.40 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

Instrument :
 BNA_M
 ClientSampleId :
 PB112404BS

Tot Ion:149 Resp: 1224901

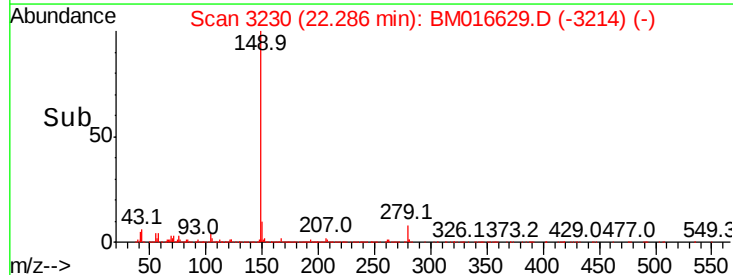
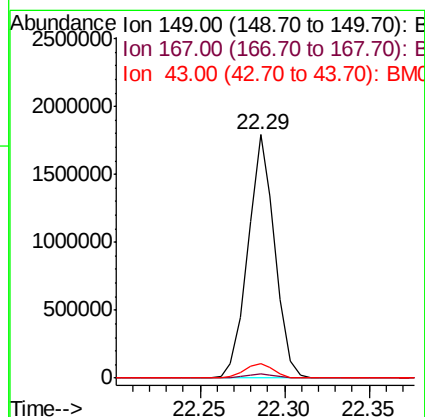
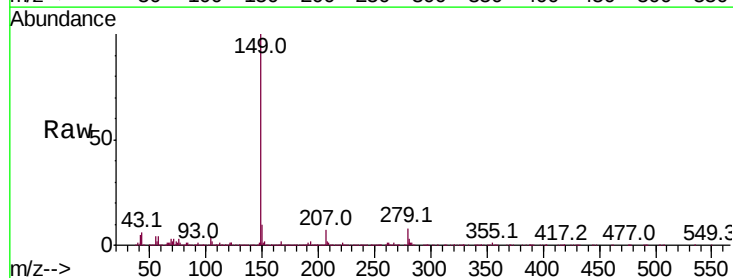
Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.4	33.6
279	7.7	3.4	5.0#

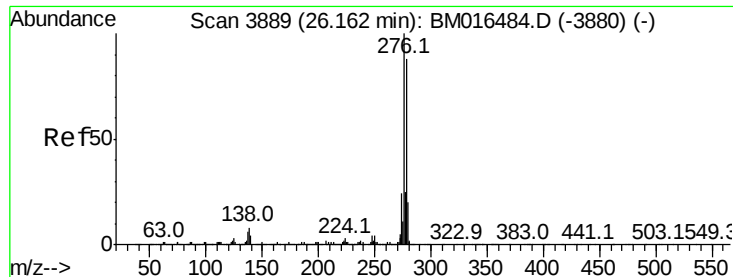


#84
 Di-n-octyl phthalate
 Concen: 35.295 ng
 RT: 22.29 min Scan# 3230
 Delta R.T. -0.01 min
 Lab File: BM016629.D
 Acq: 28 Aug 2018 05:51

Tgt Ion:149 Resp: 1970241

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	6.4	7.3	10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.631 ng

RT: 26.12 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

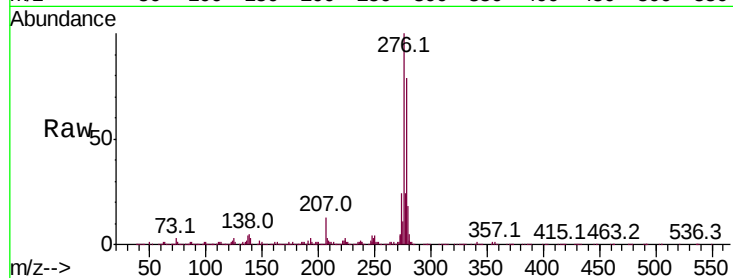
Tot Ion:276 Resp: 3365106

Ion Ratio Lower Upper

276 100

138 6.1 12.0 18.0#

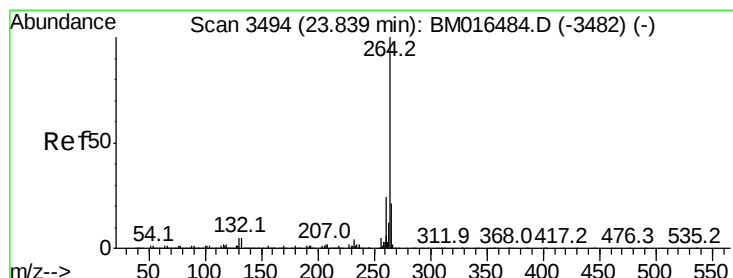
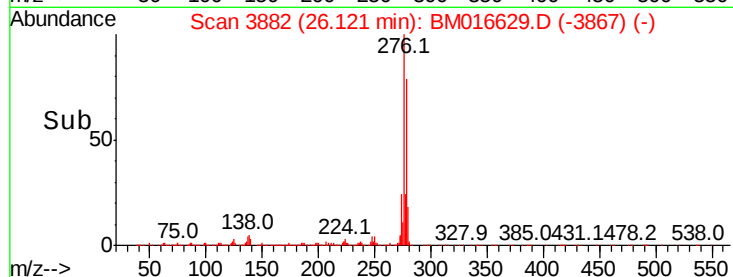
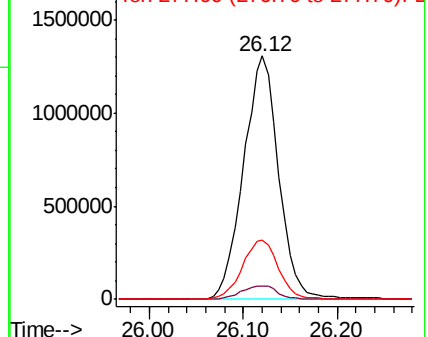
277 25.2 20.0 30.0



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: BM016629.D

Acq: 28 Aug 2018 05:51

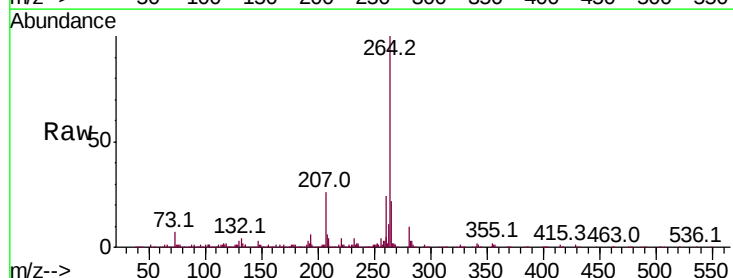
Tgt Ion:264 Resp: 1123392

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

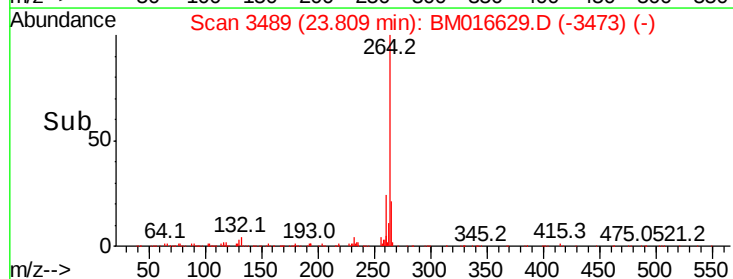
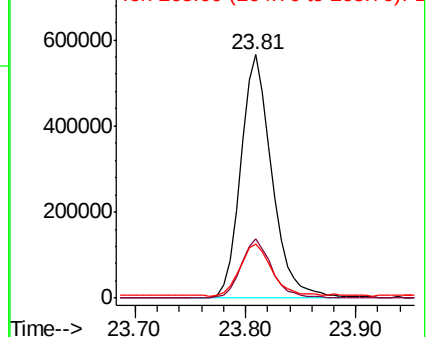
265 22.2 17.3 25.9

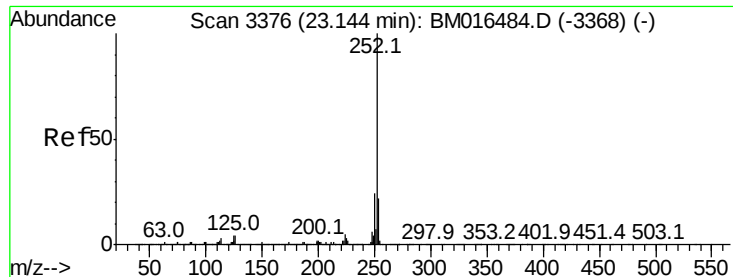


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.969 ng

RT: 23.12 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

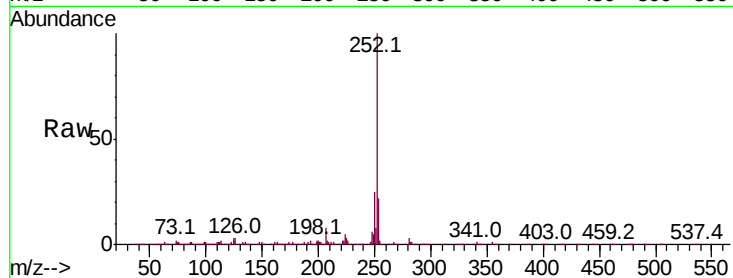
Tot Ion:252 Resp: 3041643

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

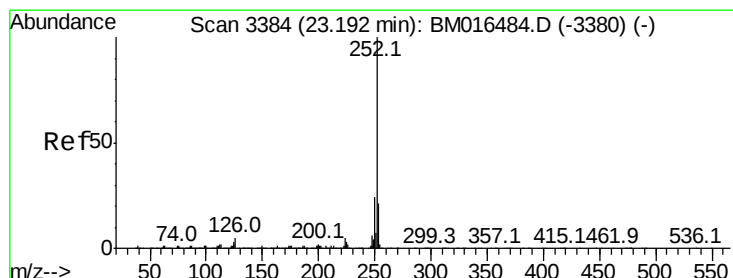
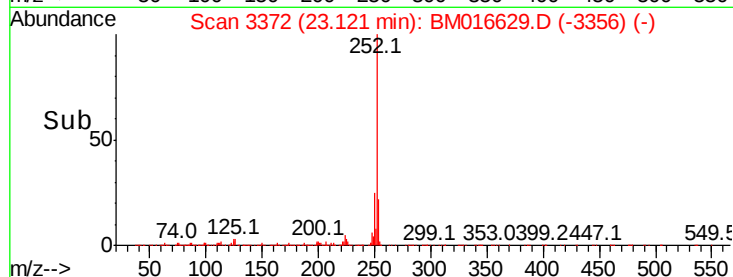
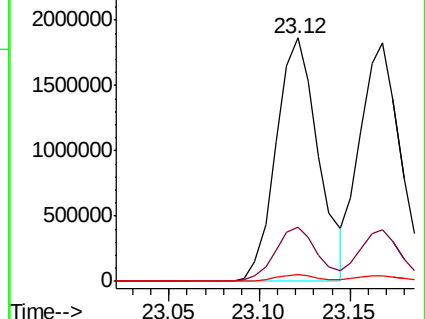
125 2.6 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.676 ng

RT: 23.17 min Scan# 3380

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

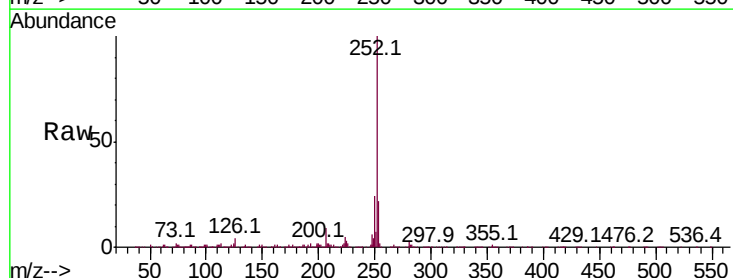
Tgt Ion:252 Resp: 2877845

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

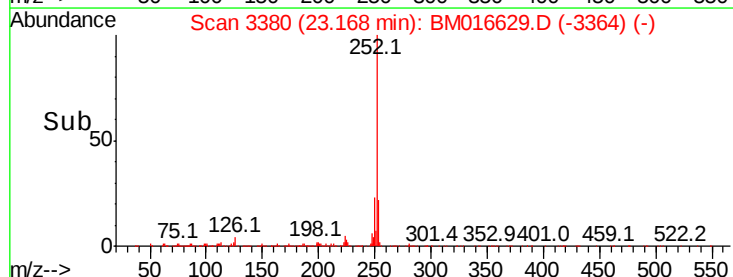
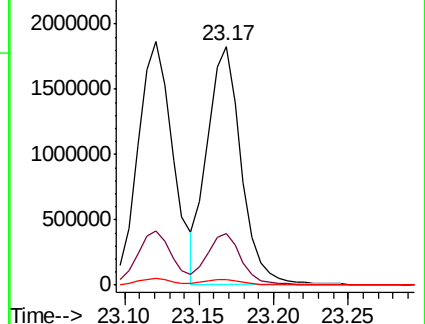
125 2.4 8.1 12.1#

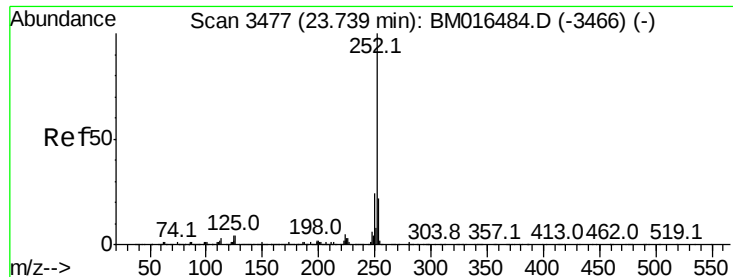


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.213 ng

RT: 23.71 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

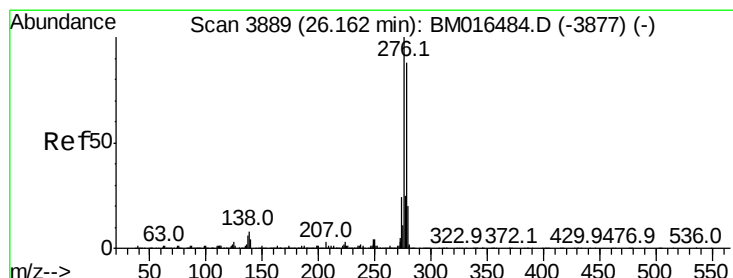
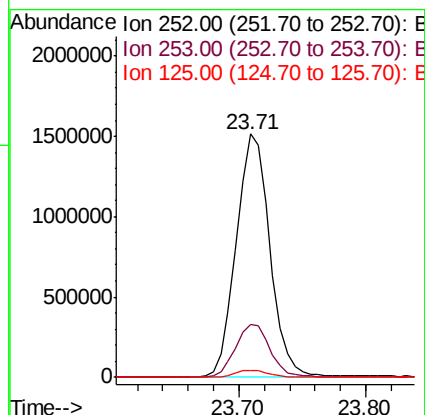
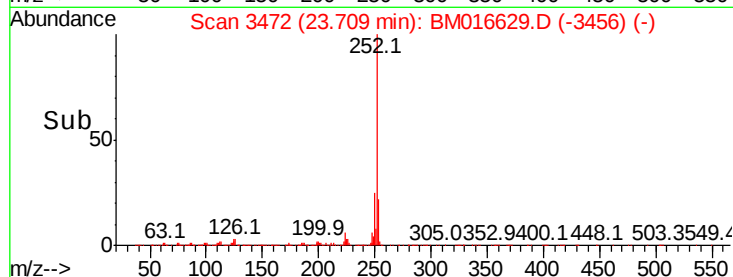
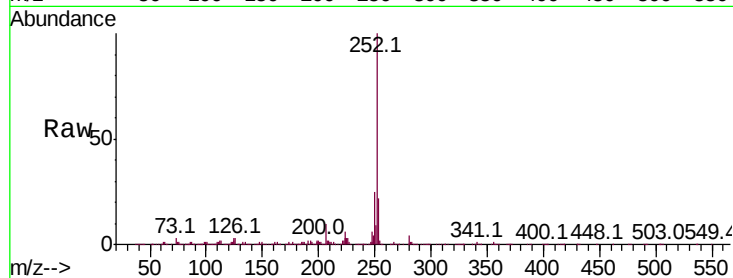
Tot Ion:252 Resp: 2785880

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

125 2.7 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 40.246 ng

RT: 26.11 min Scan# 3881

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

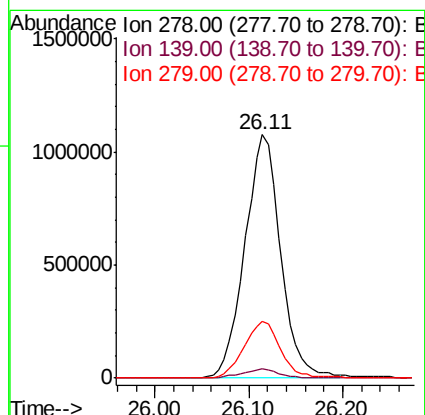
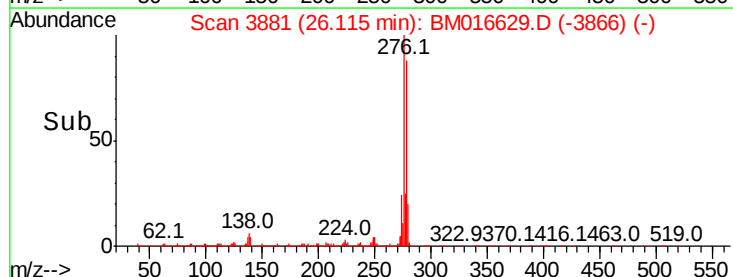
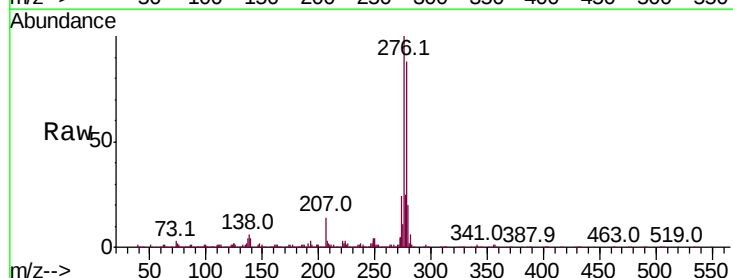
Tgt Ion:278 Resp: 2842019

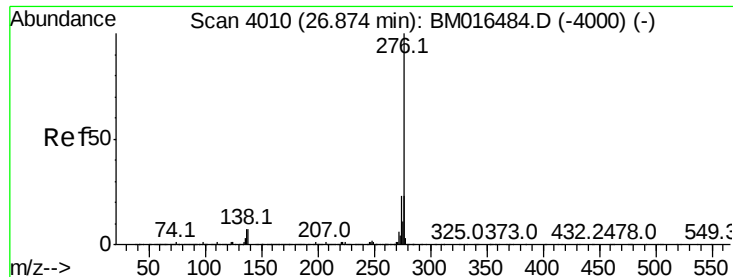
Ion Ratio Lower Upper

278 100

139 4.1 13.4 20.0#

279 23.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.832 ng

RT: 26.83 min Scan# 4002

Delta R.T. -0.01 min

Lab File: BM016629.D

Acq: 28 Aug 2018 05:51

Instrument :

BNA_M

ClientSampleId :

PB112404BS

Tot Ion:276 Resp: 2588293

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 5.5 19.0 28.6#

