

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017928.D
 Acq On : 05 Dec 2018 07:12
 Operator : JU/SJ
 Sample : PB115307BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

Quant Time: Dec 05 10:06:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	126676	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	503571	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	266448	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	558003	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	612978	20.00	ng	-0.02
87) Perylene-d12	23.37	264	693987	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	573261	76.37	ng	-0.03
7) Phenol-d6	6.77	99	744243	70.99	ng	-0.04
23) Nitrobenzene-d5	8.73	82	668827	68.57	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	276059	72.11	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	1565274	76.21	ng	-0.04
79) Terphenyl-d14	19.63	244	2056283	76.03	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	95059	30.408	ng	# 86
3) Pyridine	3.59	79	259234	28.270	ng	# 84
4) n-Nitrosodimethylamine	3.50	42	113599	28.123	ng	# 75
6) Aniline	6.92	93	193149	14.857	ng	96
8) 2-Chlorophenol	7.15	128	315443	35.115	ng	94
9) Benzaldehyde	6.74	77	140500	18.398	ng	94
10) Phenol	6.80	94	364683	33.142	ng	95
11) bis(2-Chloroethyl)ether	7.02	93	273288	31.461	ng	94
12) 1,3-Dichlorobenzene	7.47	146	343967	34.129	ng	96
13) 1,4-Dichlorobenzene	7.62	146	345610	33.456	ng	99
14) 1,2-Dichlorobenzene	7.92	146	335523	33.496	ng	98
15) Benzyl Alcohol	7.83	79	252733	30.272	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	309398	23.394	ng	91
17) 2-Methylphenol	8.03	107	250606	33.808	ng	96
18) Hexachloroethane	8.63	117	109102	29.965	ng	98
19) n-Nitroso-di-n-propylamine	8.38	70	216687	28.787	ng	91
20) 3+4-Methylphenols	8.36	107	330549	32.095	ng	97
22) Acetophenone	8.40	105	434277	34.554	ng	# 92
24) Nitrobenzene	8.77	77	316336	31.964	ng	96
25) Isophorone	9.30	82	565619	37.543	ng	98
26) 2-Nitrophenol	9.48	139	145261	31.865	ng	94
27) 2,4-Dimethylphenol	9.55	122	271522	41.329	ng	98
28) bis(2-Chloroethoxy)methane	9.78	93	351860	34.483	ng	98
29) 2,4-Dichlorophenol	10.01	162	267211	35.038	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	299490	33.764	ng	97
31) Naphthalene	10.40	128	912980	36.875	ng	99
32) Benzoic acid	9.70	122	167301	28.112	ng	95
33) 4-Chloroaniline	10.53	127	98921	9.123	ng	97
34) Hexachlorobutadiene	10.67	225	186230	33.819	ng	98
35) Caprolactam	11.32	113	80552	28.681	ng	# 78
36) 4-Chloro-3-methylphenol	11.66	107	283770	32.228	ng	98
37) 2-Methylnaphthalene	12.02	142	648088	37.036	ng	98
38) 1-Methylnaphthalene	12.24	142	619192	36.088	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	328115	34.922	ng	100

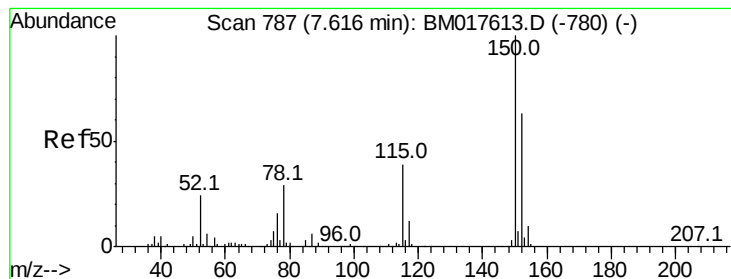
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017928.D
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 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	220310	45.377	nq	99
43) 2,4,6-Trichlorophenol	12.65	196	213484	36.275	nq	96
44) 2,4,5-Trichlorophenol	12.72	196	224525	36.132	nq	99
46) 1,1'-Biphenyl	13.05	154	797717	33.354	nq	99
47) 2-Chloronaphthalene	13.09	162	621439	35.007	nq	99
48) 2-Nitroaniline	13.32	65	175679	32.000	nq	88
49) Acenaphthylene	13.95	152	1000315	37.505	nq	99
50) Dimethylphthalate	13.70	163	731429	33.764	nq	98
51) 2,6-Dinitrotoluene	13.82	165	152602	31.635	nq	93
52) Acenaphthene	14.29	154	575564	35.163	nq	99
53) 3-Nitroaniline	14.16	138	98498	18.755	nq	96
54) 2,4-Dinitrophenol	14.37	184	94738	36.428	nq	95
55) Dibenzofuran	14.63	168	915062	34.209	nq	98
56) 4-Nitrophenol	14.48	139	262195	60.670	nq	91
57) 2,4-Dinitrotoluene	14.62	165	200693	30.864	nq	96
58) Fluorene	15.29	166	737889	36.033	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	206432	36.118	nq	99
60) Diethylphthalate	15.07	149	736180	31.452	nq	99
61) 4-Chlorophenyl-phenylether	15.29	204	367881	31.619	nq	100
62) 4-Nitroaniline	15.33	138	159606	32.246	nq	94
63) Azobenzene	15.58	77	677283	31.301	nq	94
65) 4,6-Dinitro-2-methylphenol	15.39	198	69614	18.009	nq	93
66) n-Nitrosodiphenylamine	15.50	169	635645	35.431	nq	99
67) 4-Bromophenyl-phenylether	16.18	248	231849	35.132	nq	98
68) Hexachlorobenzene	16.29	284	254780	34.246	nq	92
69) Atrazine	16.47	200	220147	33.363	nq	95
70) Pentachlorophenol	16.64	266	308516	59.184	nq	99
71) Phenanthrene	17.03	178	1140058	37.652	nq	99
72) Anthracene	17.12	178	1176984	39.947	nq	99
73) Carbazole	17.40	167	1055133	35.440	nq	100
74) Di-n-butylphthalate	17.96	149	1234939	37.261	nq	99
75) Fluoranthene	19.06	202	1328079	38.766	nq	99
77) Benzidine	19.26	184	1214158	60.827	nq	99
78) Pyrene	19.42	202	1381117	36.517	nq	99
80) Butylbenzylphthalate	20.33	149	577018	37.563	nq	98
81) Benzo(a)anthracene	21.18	228	1337536	37.875	nq	99
82) 3,3'-Dichlorobenzidine	21.12	252	516507	37.896	nq	97
83) Chrysene	21.23	228	1273857	37.139	nq	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	824728	36.317	nq	99
85) Di-n-octyl phthalate	21.98	149	1449936	39.873	nq	# 95
86) Indeno(1,2,3-cd)pyrene	25.56	276	1772202	64.657	nq	100
88) Benzo(b)fluoranthene	22.73	252	1424695	35.055	nq	99
89) Benzo(k)fluoranthene	22.77	252	1375006	33.473	nq	99
90) Benzo(a)pyrene	23.29	252	1413466	38.143	nq	99
91) Dibenzo(a,h)anthracene	25.57	278	1502503	48.228	nq	99
92) Benzo(g,h,i)perylene	26.22	276	1506369	51.418	nq	99

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

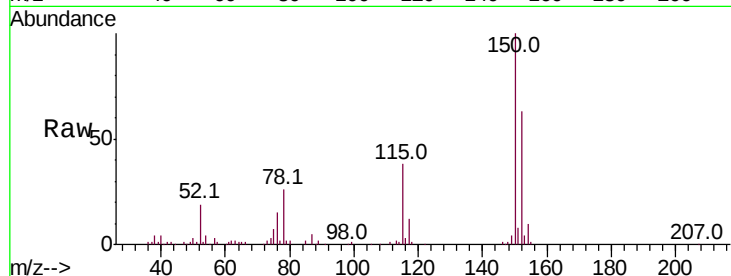


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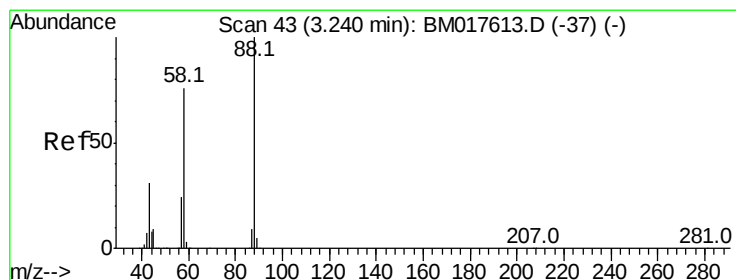
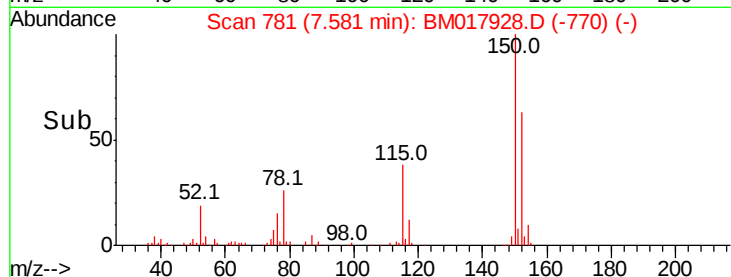
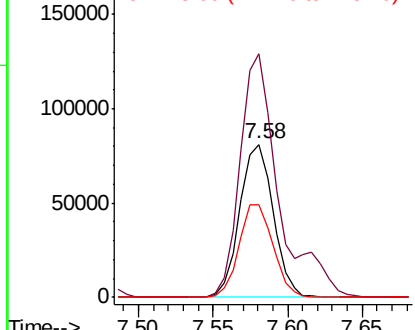
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion:152 Resp: 126676
Ion Ratio Lower Upper
152 100
150 159.0 126.4 189.6
115 60.7 49.4 74.0



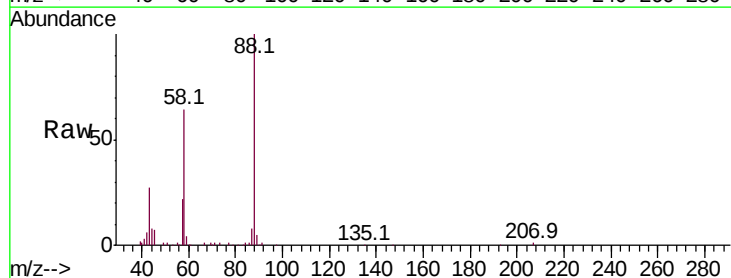
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



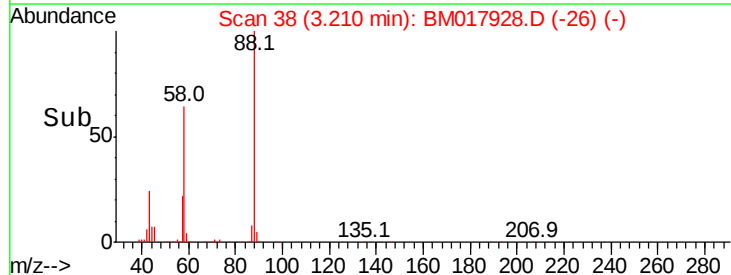
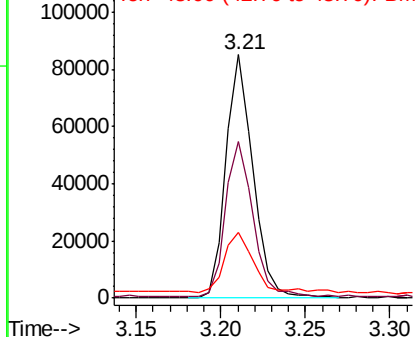
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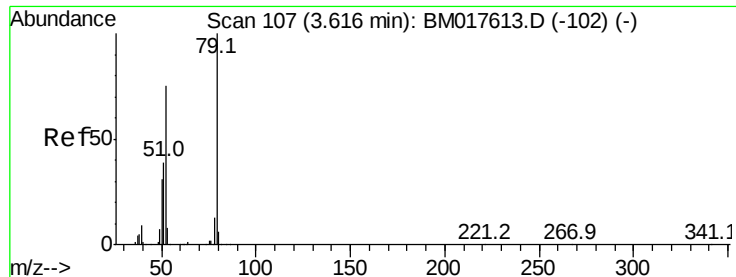
1,4-Dioxane
Concen: 30.408 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion: 88 Resp: 95059
Ion Ratio Lower Upper
88 100
58 65.0 62.0 93.0
43 25.1 26.8 40.2#



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: 28.270 ng

RT: 3.59 min Scan# 102

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

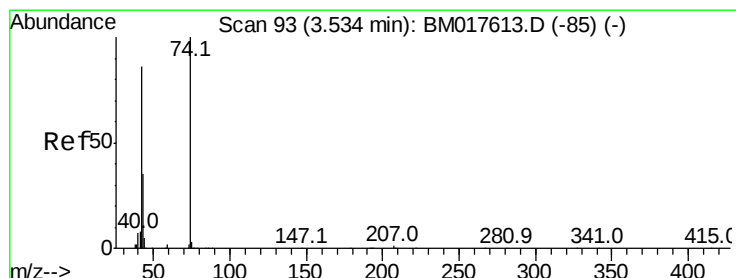
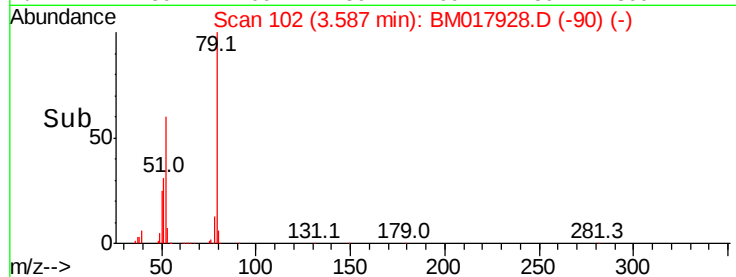
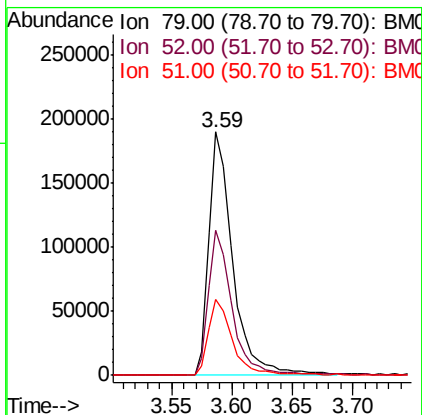
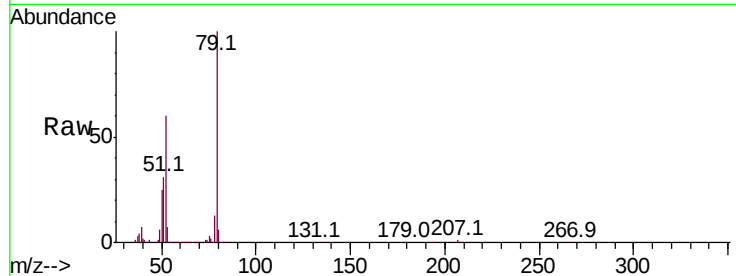
Tot Ion: 79 Resp: 259234

Ion Ratio Lower Upper

79 100

52 59.8 60.1 90.1#

51 31.0 31.1 46.7#



#4

n-Nitrosodimethylamine

Concen: 28.123 ng

RT: 3.50 min Scan# 88

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

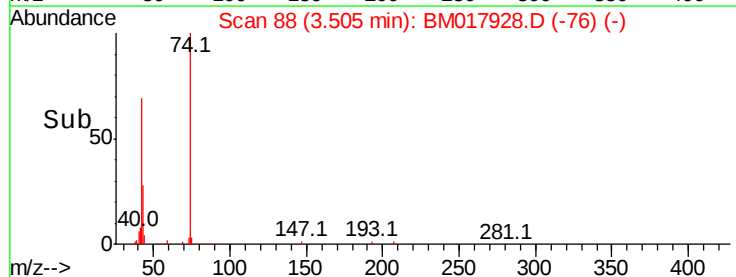
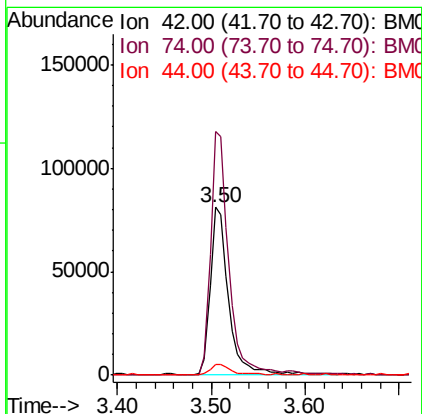
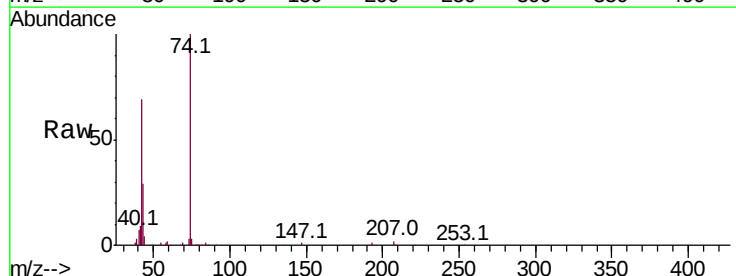
Tgt Ion: 42 Resp: 113599

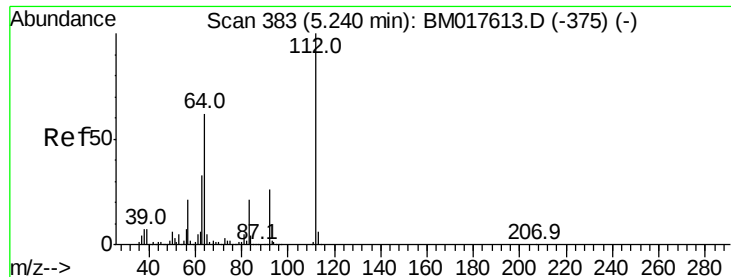
Ion Ratio Lower Upper

42 100

74 145.0 93.1 139.7#

44 6.5 5.0 7.6





#5

2-Fluorophenol

Concen: 76.373 ng

RT: 5.21 min Scan# 378

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

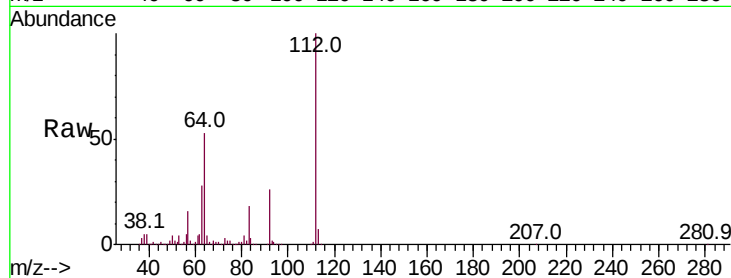
Tot Ion:112 Resp: 573261

Ion Ratio Lower Upper

112 100

64 53.3 49.3 73.9

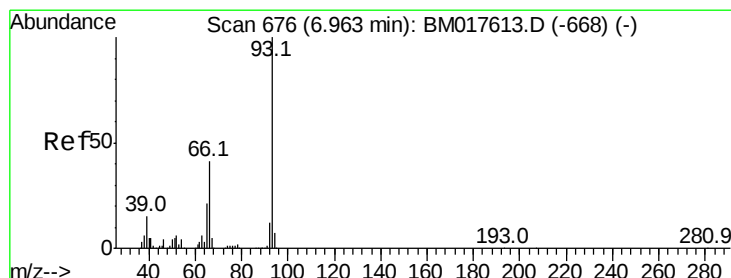
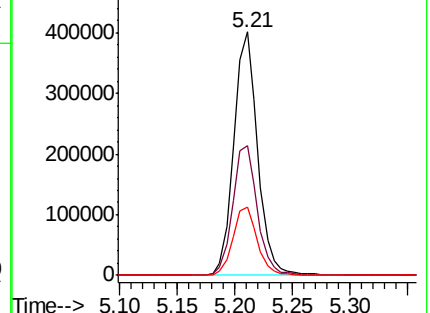
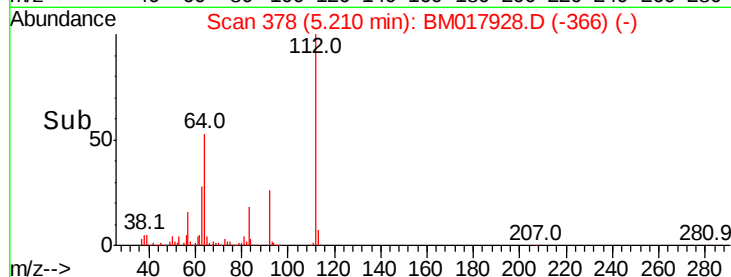
63 27.8 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 14.857 ng

RT: 6.92 min Scan# 669

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

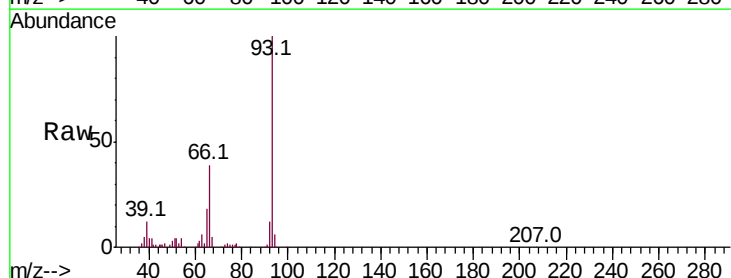
Tgt Ion: 93 Resp: 193149

Ion Ratio Lower Upper

93 100

66 39.1 32.8 49.2

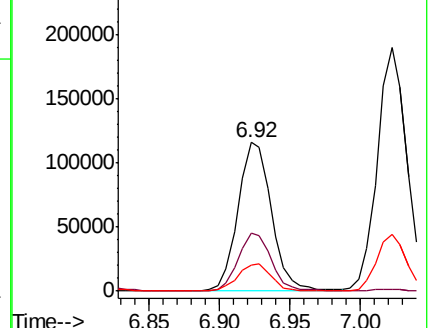
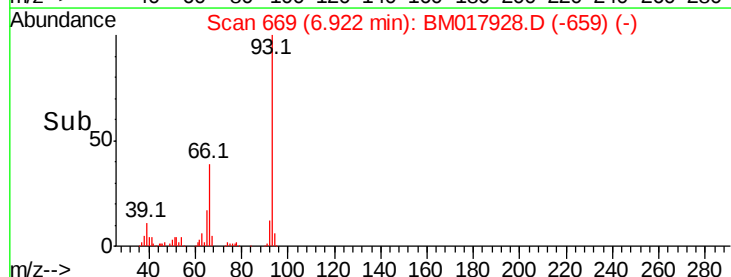
65 17.8 16.6 25.0

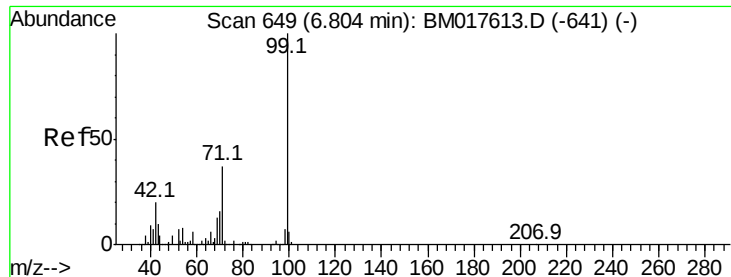


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 70.993 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

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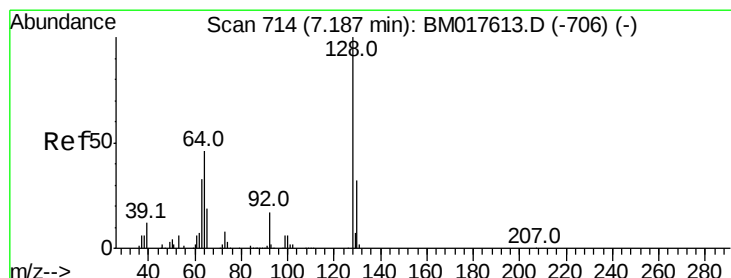
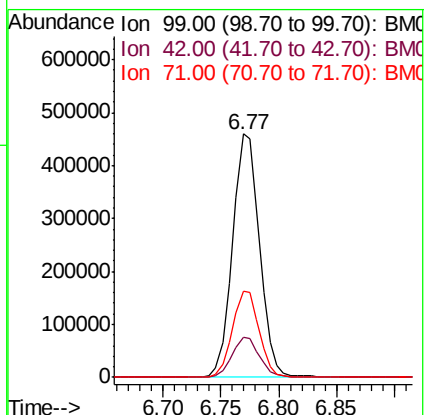
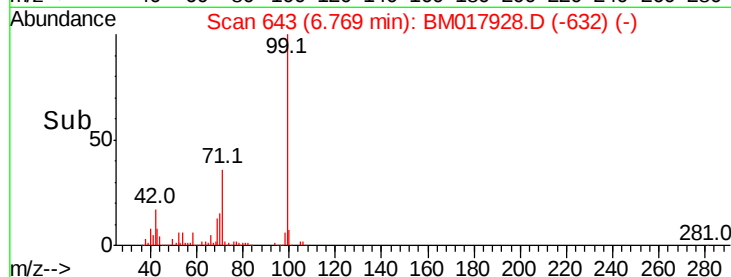
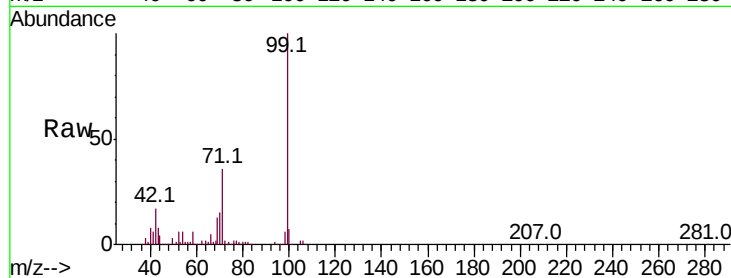
Tot Ion: 99 Resp: 744243

Ion Ratio Lower Upper

99 100

42 16.6 16.3 24.5

71 35.6 29.8 44.8



#8

2-Chlorophenol

Concen: 35.115 ng

RT: 7.15 min Scan# 708

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

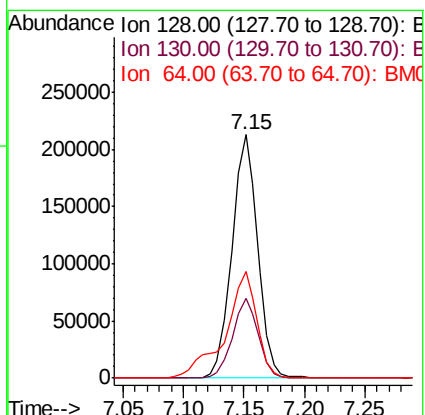
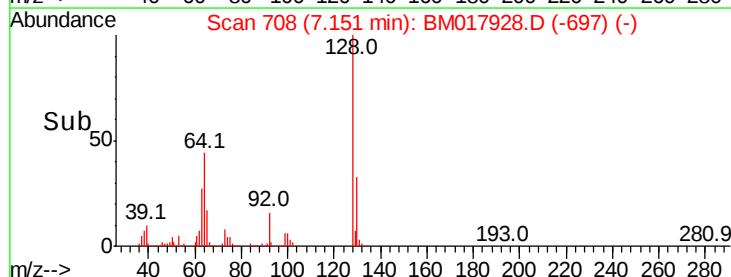
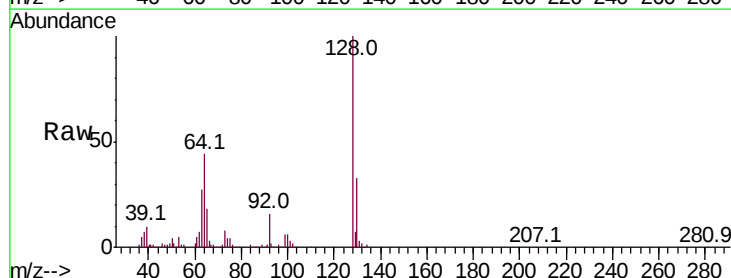
Tgt Ion: 128 Resp: 315443

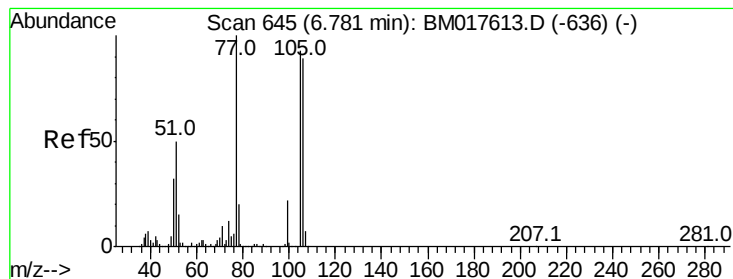
Ion Ratio Lower Upper

128 100

130 32.9 12.4 52.4

64 43.6 30.0 70.0





#9

Benzaldehyde

Concen: 18.398 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

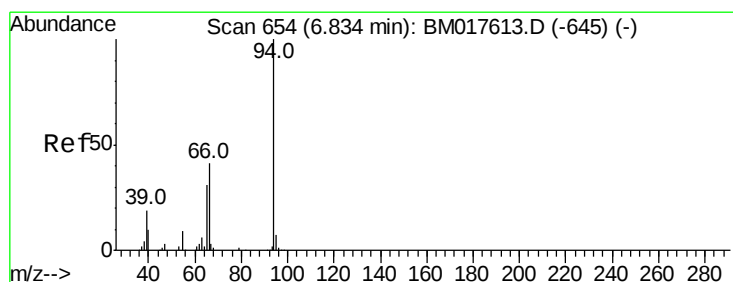
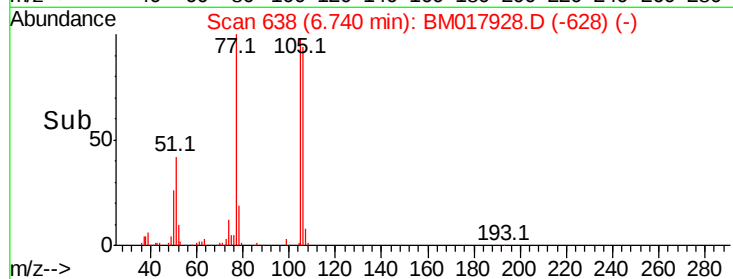
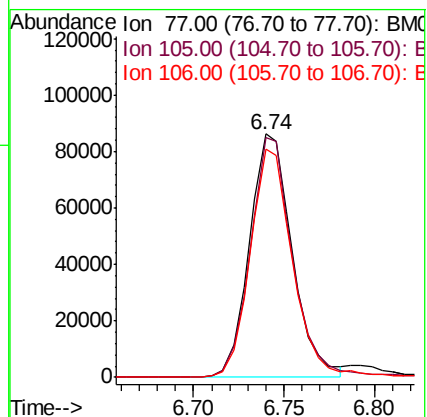
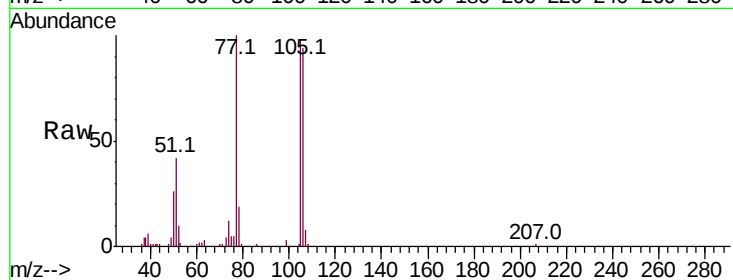
Tot Ion: 77 Resp: 140500

Ion Ratio Lower Upper

77 100

105 98.5 72.7 112.7

106 93.7 68.9 108.9



#10

Phenol

Concen: 33.142 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

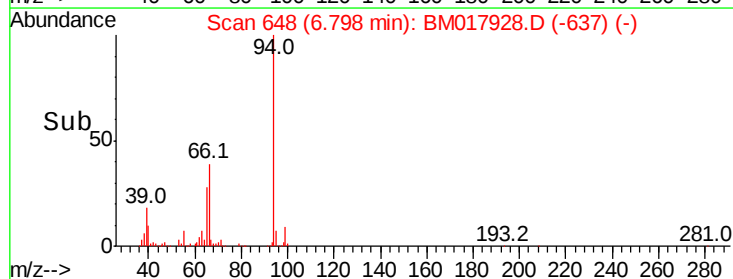
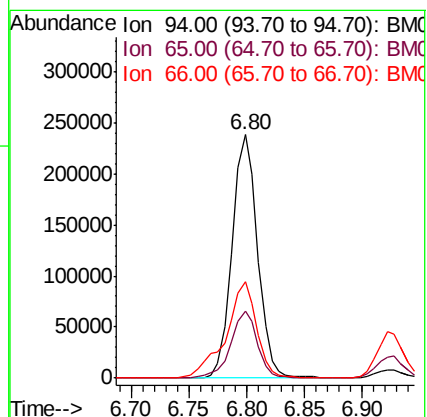
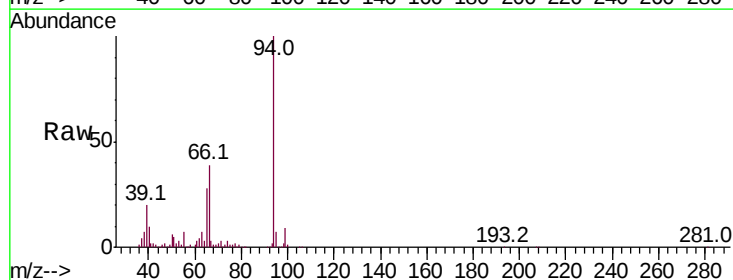
Tgt Ion: 94 Resp: 364683

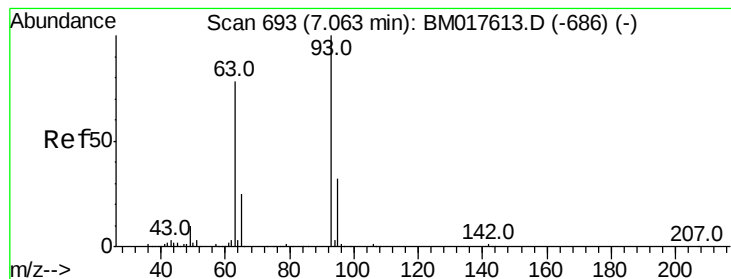
Ion Ratio Lower Upper

94 100

65 27.7 11.4 51.4

66 39.4 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 31.461 ng

RT: 7.02 min Scan# 686

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

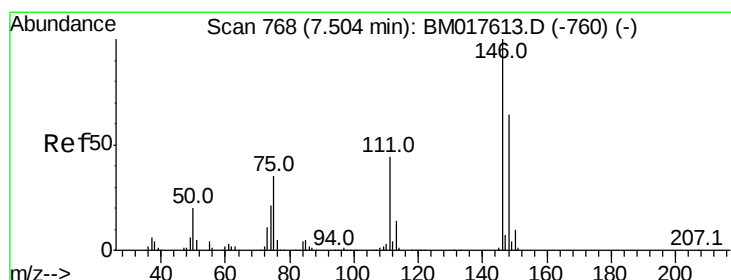
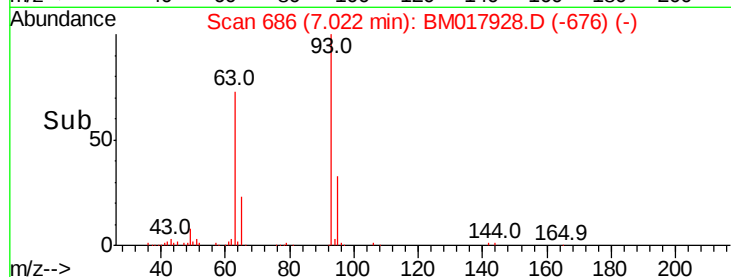
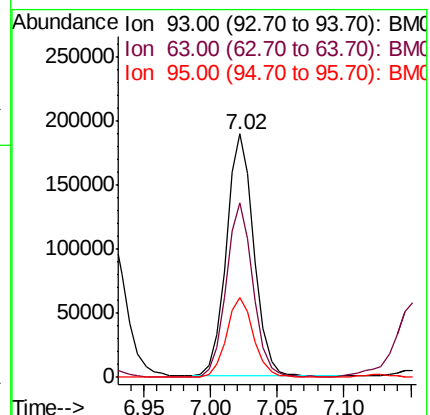
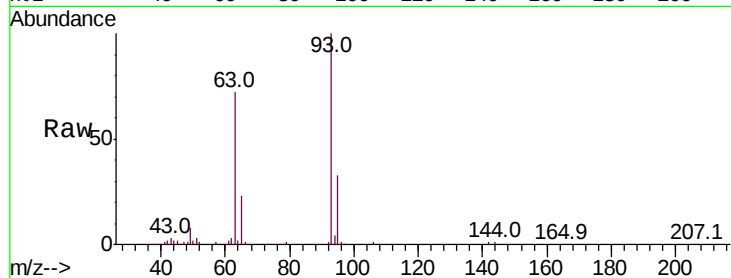
Tot Ion: 93 Resp: 273288

Ion Ratio Lower Upper

93 100

63 71.5 57.9 97.9

95 32.9 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 34.129 ng

RT: 7.47 min Scan# 762

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

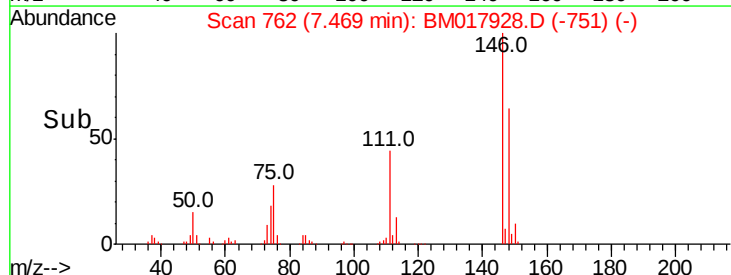
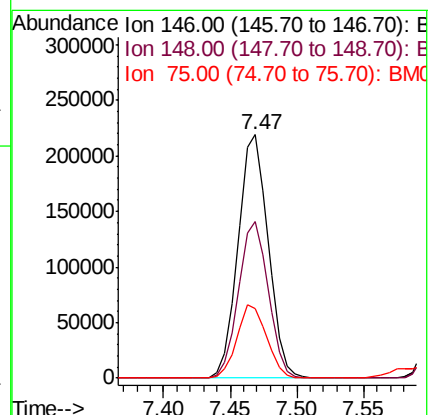
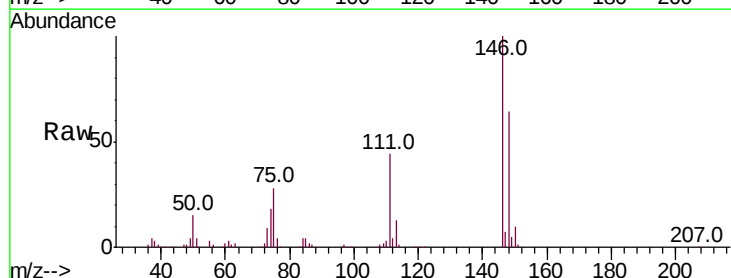
Tgt Ion: 146 Resp: 343967

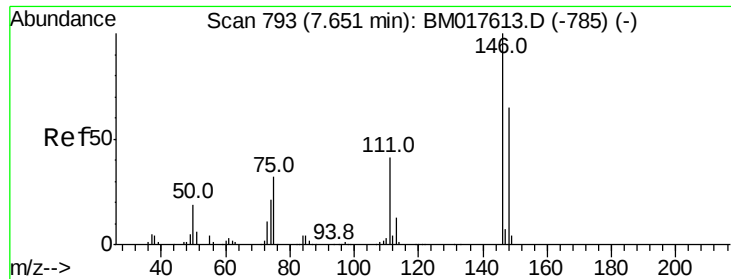
Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

75 28.4 28.2 42.2

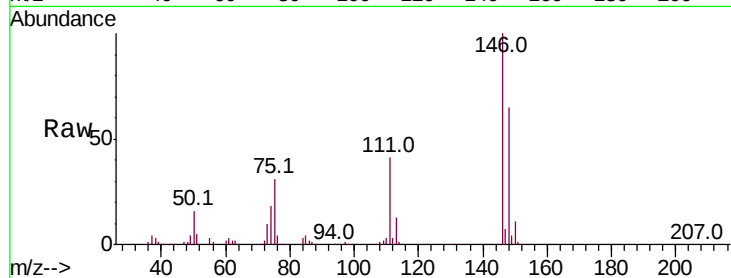




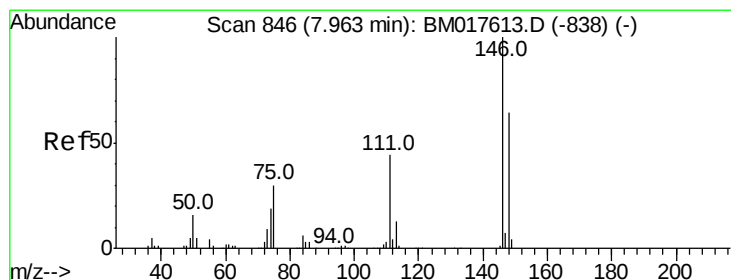
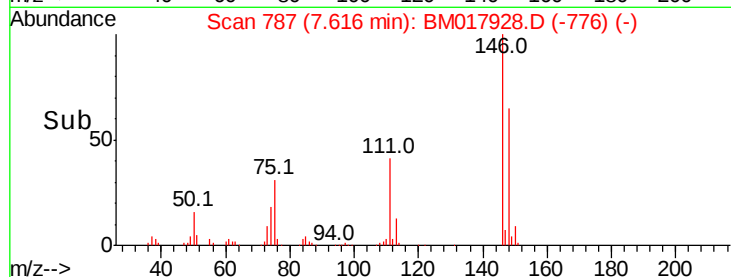
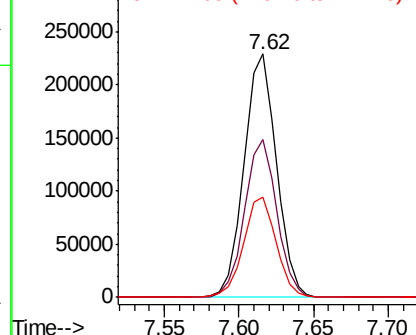
#13
 1,4-Dichlorobenzene
 Concen: 33.456 ng
 RT: 7.62 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

Tot Ion:146 Resp: 345610
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.0 78.0
 111 41.0 33.2 49.8

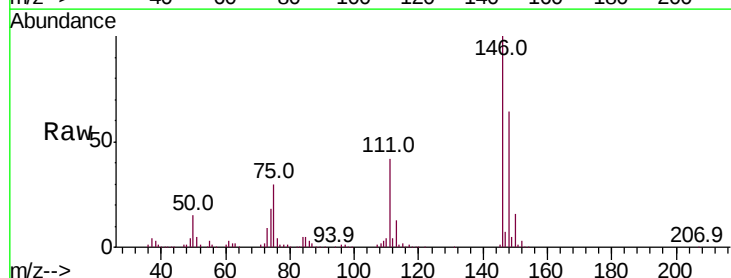


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

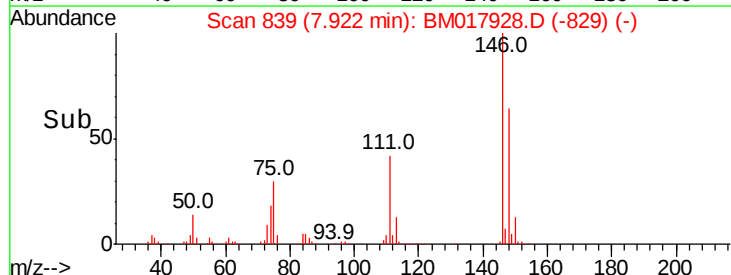
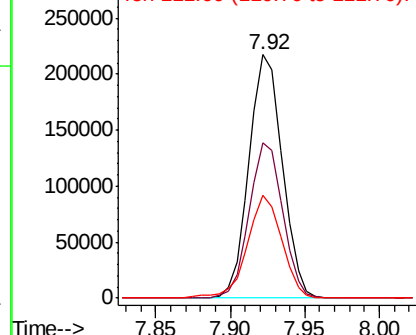


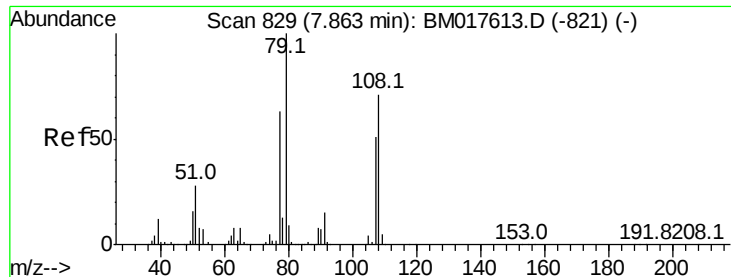
#14
 1,2-Dichlorobenzene
 Concen: 33.496 ng
 RT: 7.92 min Scan# 839
 Delta R.T. -0.04 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Tgt Ion:146 Resp: 335523
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.6 77.4
 111 42.2 35.8 53.8



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: 30.272 ng

RT: 7.83 min Scan# 823

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

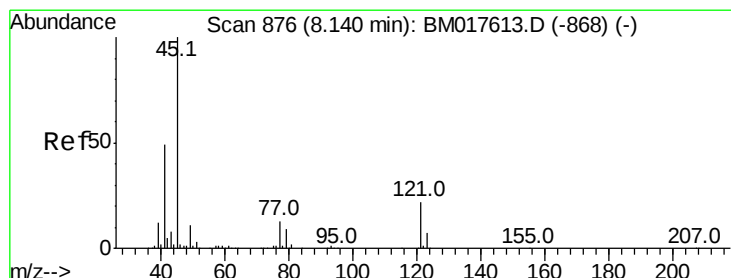
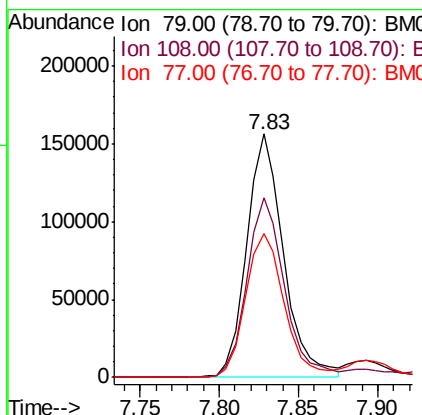
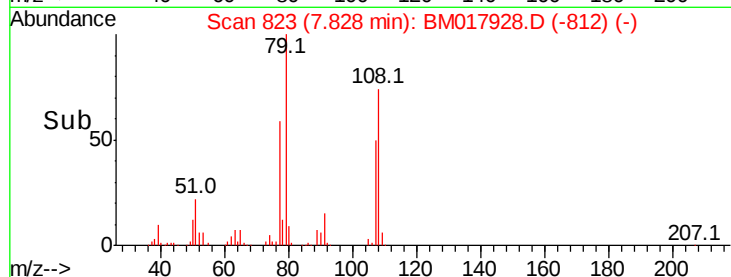
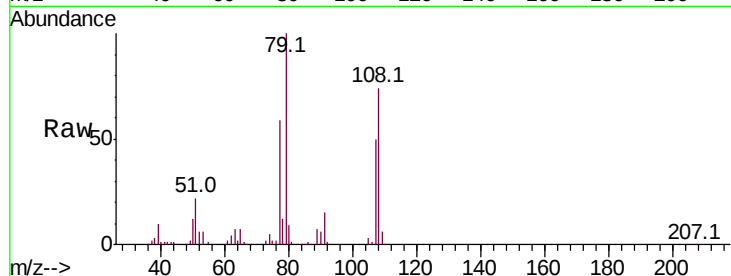
Tot Ion: 79 Resp: 252733

Ion Ratio Lower Upper

79 100

108 73.9 57.1 85.7

77 58.8 50.4 75.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.394 ng

RT: 8.10 min Scan# 870

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

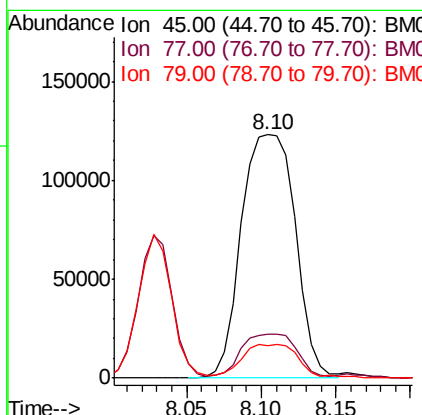
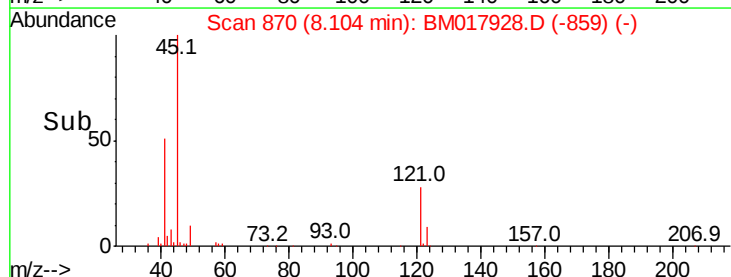
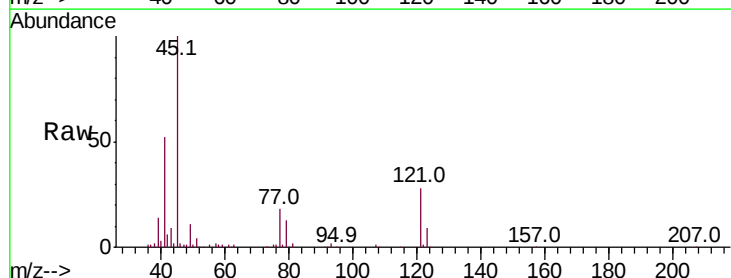
Tgt Ion: 45 Resp: 309398

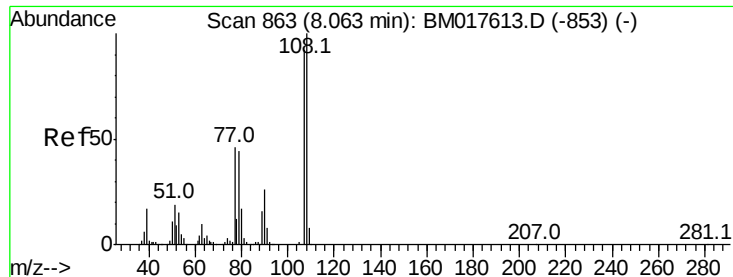
Ion Ratio Lower Upper

45 100

77 18.2 0.0 34.2

79 13.3 0.0 30.5

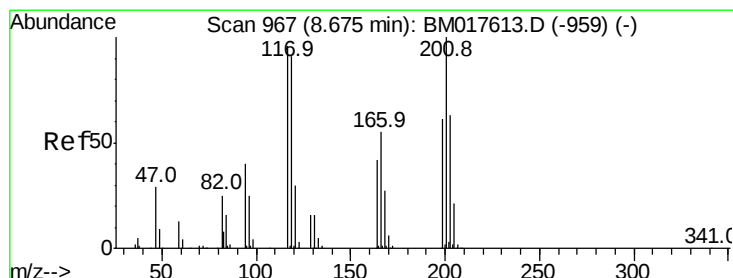
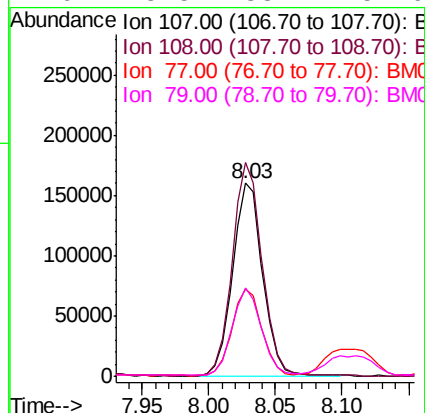
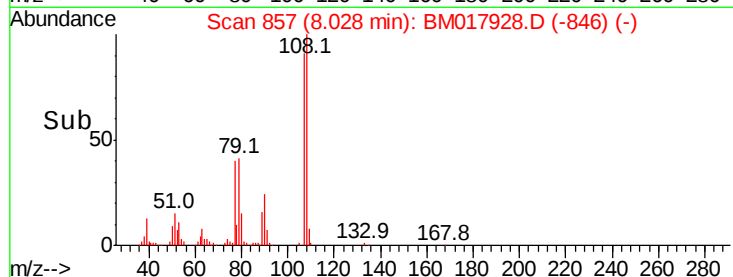
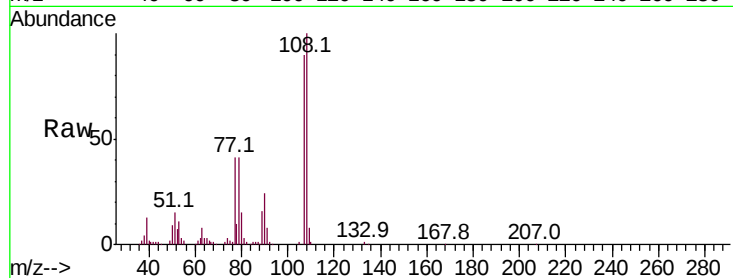




#17
2-Methylphenol
Concen: 33.808 ng
RT: 8.03 min Scan# 857
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

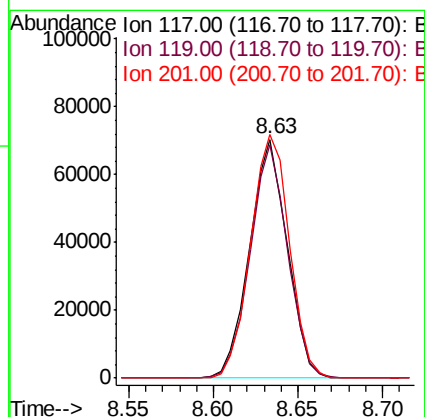
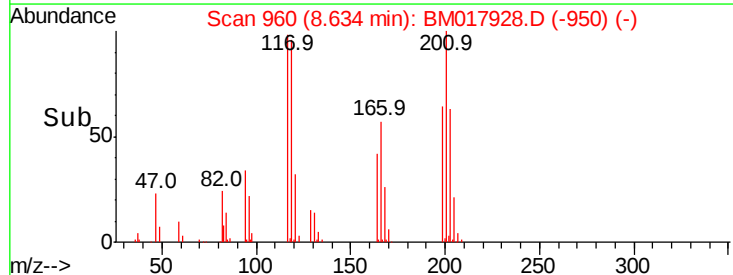
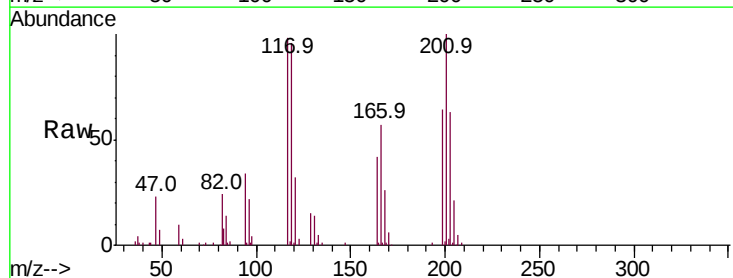
Instrument :
BNA_M
ClientSampleId :
PB115307BS

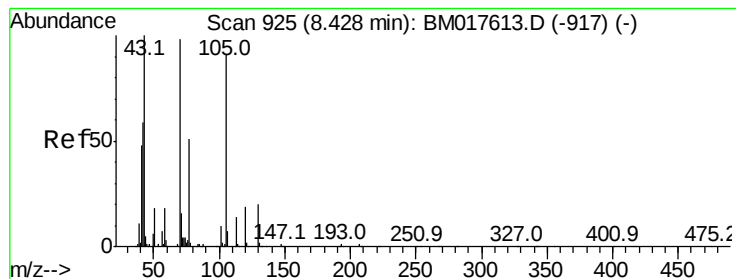
Tot Ion:	107	Resp:	250606
Ion	Ratio	Lower	Upper
107	100		
108	110.8	86.7	130.1
77	45.1	39.8	59.6
79	45.5	38.4	57.6



#18
Hexachloroethane
Concen: 29.965 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion:	117	Resp:	109102
Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.8
201	102.1	83.0	124.4





#19

n-Nitroso-di-n-propylamine

Concen: 28.787 ng

RT: 8.38 min Scan# 917

Delta R.T. -0.05 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

Tot Ion: 70 Resp: 21687

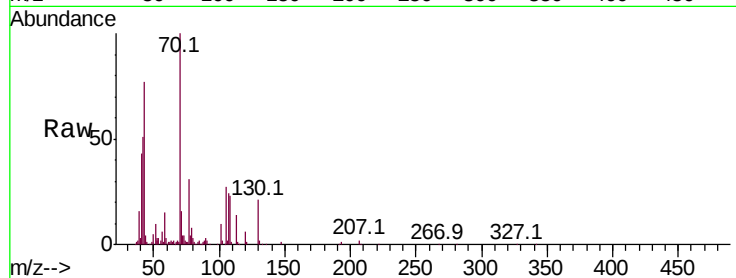
Ion Ratio Lower Upper

70 100

42 50.6 48.6 73.0

101 10.3 7.9 11.9

130 20.8 16.6 24.8



Abundance

Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

200000

150000

100000

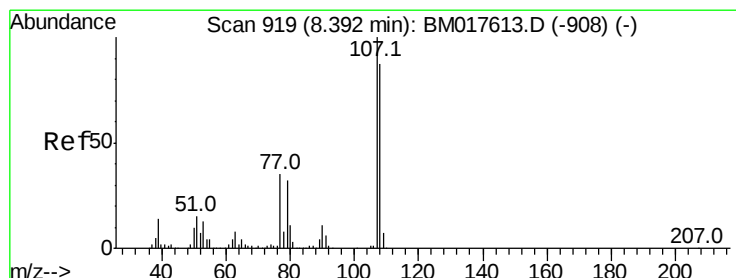
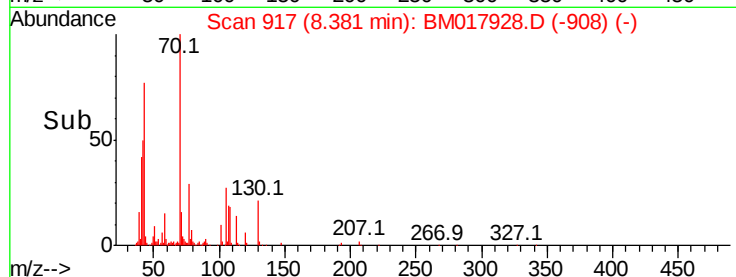
50000

0

8.38

8.30 8.35 8.40 8.45 8.50

Time-->



#20

3+4-Methylphenols

Concen: 32.095 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Tgt Ion:107 Resp: 330549

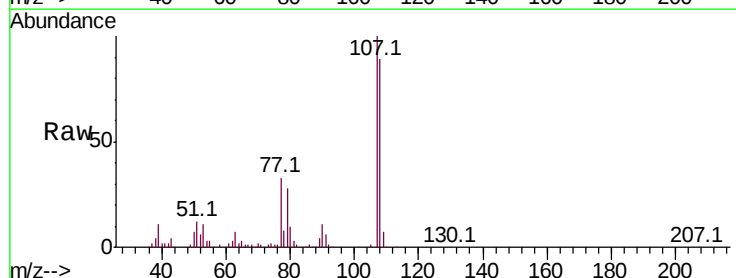
Ion Ratio Lower Upper

107 100

108 88.6 67.0 107.0

77 32.8 15.6 55.6

79 28.0 11.7 51.7



Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

300000

250000

200000

150000

100000

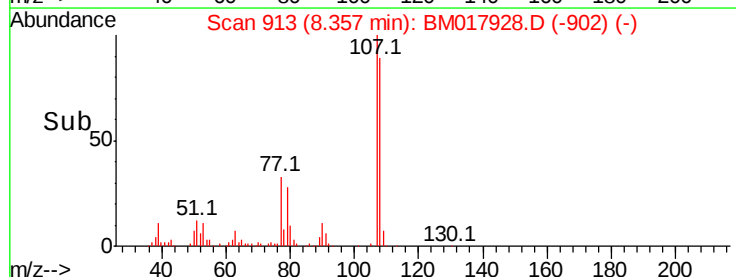
50000

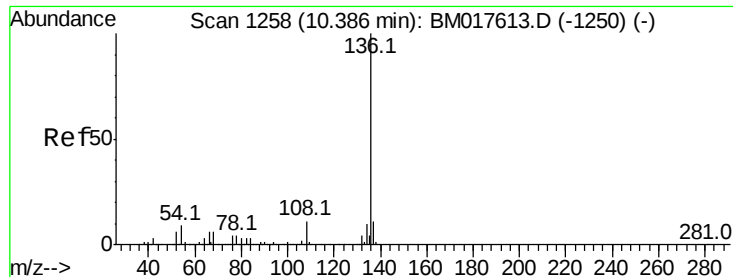
0

8.36

8.30 8.35 8.40 8.45

Time-->

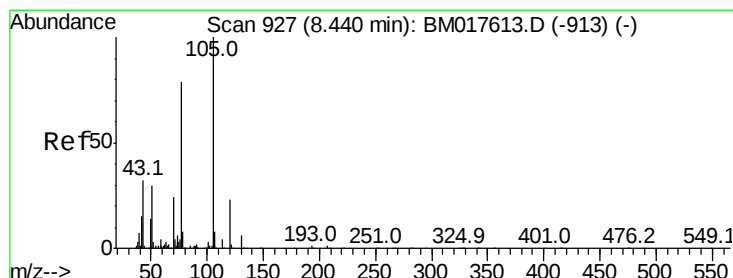
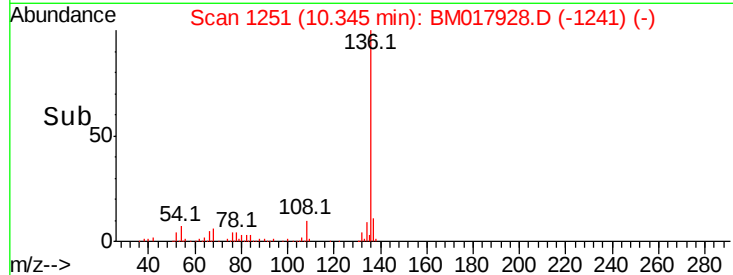
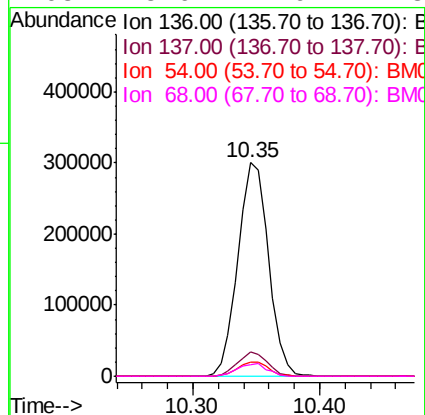
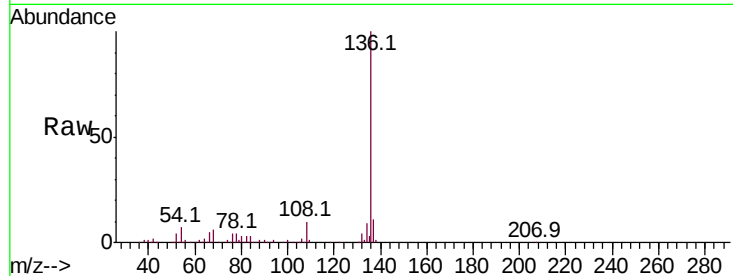




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

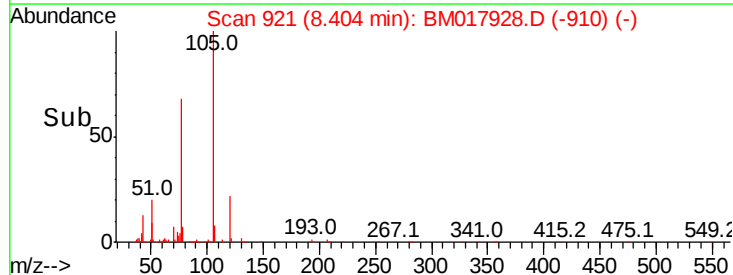
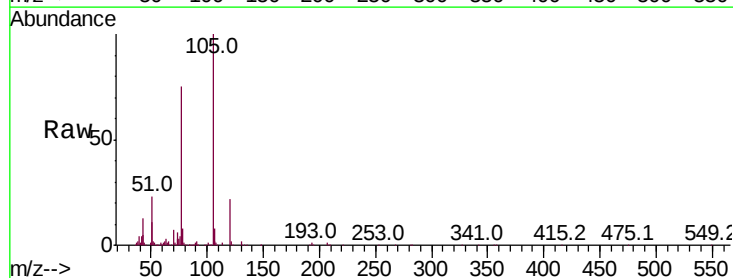
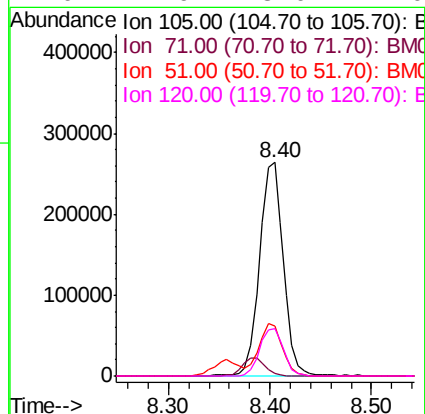
Instrument :
BNA_M
ClientSampleId :
PB115307BS

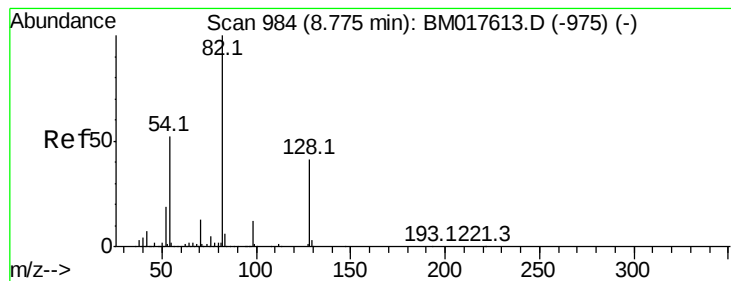
Tot Ion:	136	Resp:	503571
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	6.7	7.0	10.6#
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 34.554 ng
RT: 8.40 min Scan# 921
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion:	105	Resp:	434277
Ion	Ratio	Lower	Upper
105	100		
71	1.1	3.1	4.7#
51	23.2	23.8	35.8#
120	21.9	18.0	27.0





#23

Nitrobenzene-d5

Concen: 68.567 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

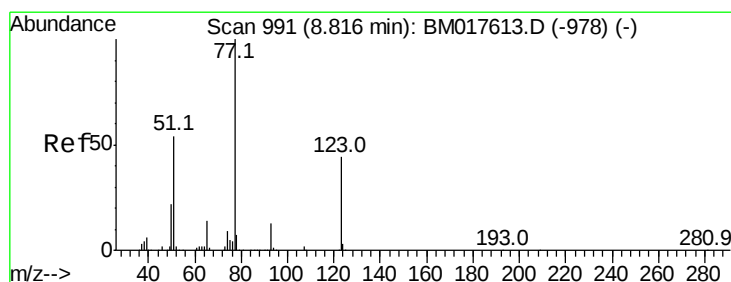
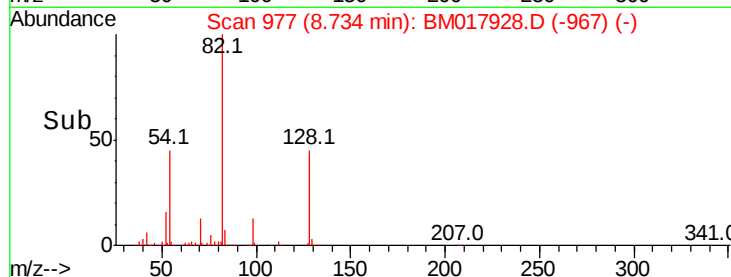
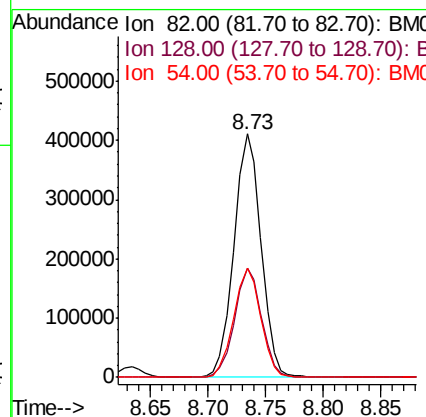
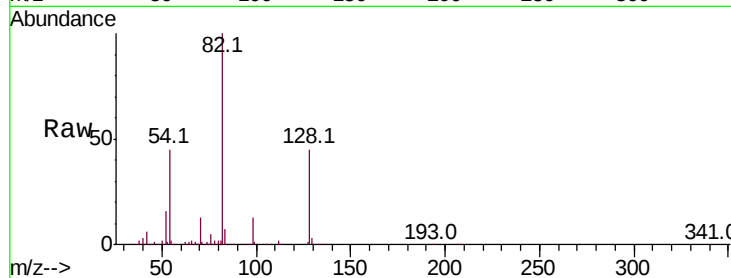
Tot Ion: 82 Resp: 668827

Ion Ratio Lower Upper

82 100

128 44.7 33.0 49.4

54 44.7 41.4 62.2



#24

Nitrobenzene

Concen: 31.964 ng

RT: 8.77 min Scan# 984

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

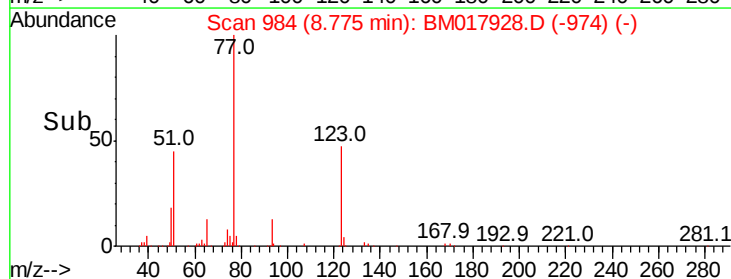
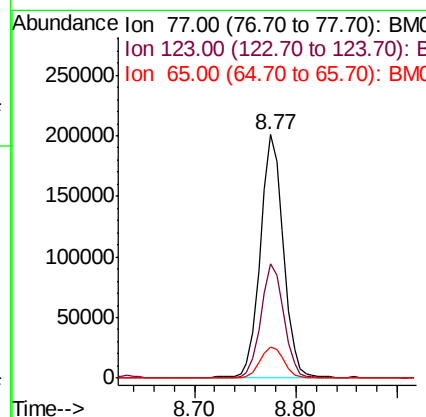
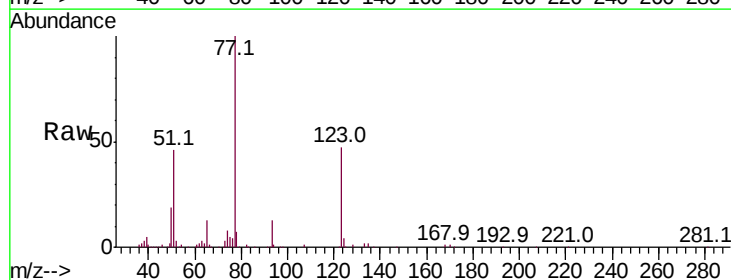
Tgt Ion: 77 Resp: 316336

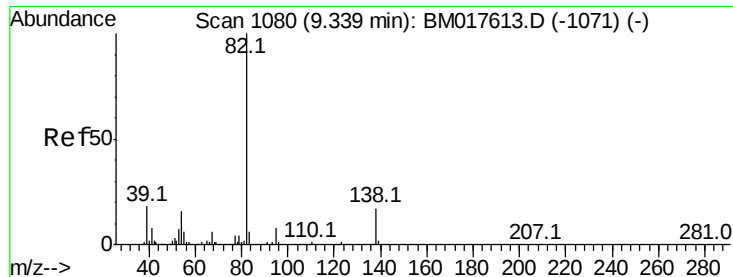
Ion Ratio Lower Upper

77 100

123 47.1 35.1 52.7

65 12.8 11.0 16.6

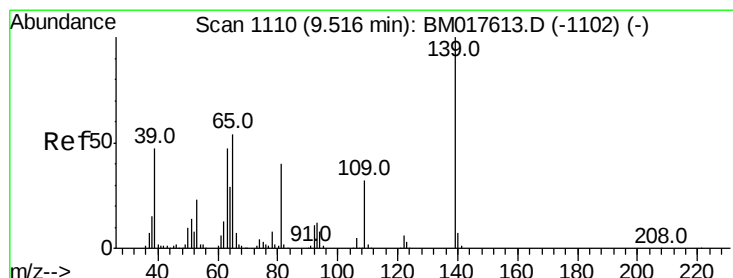
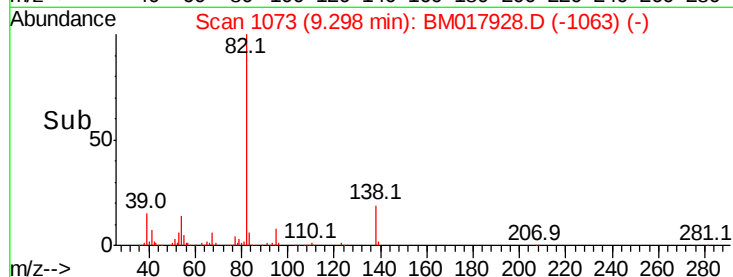
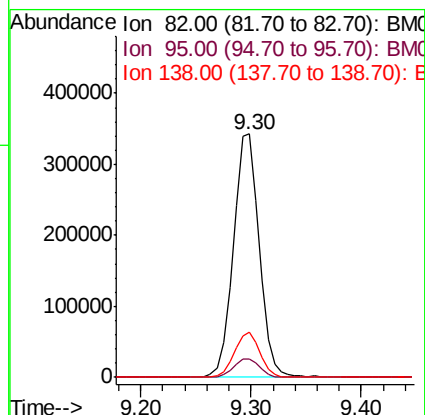
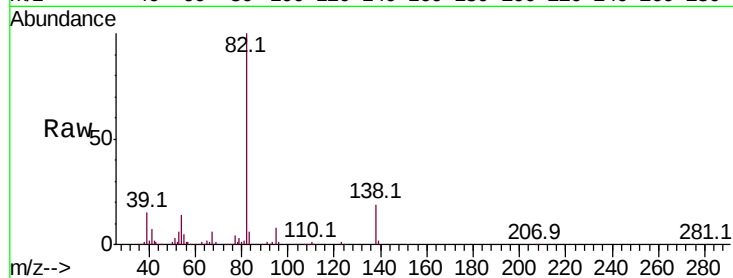




#25
Isophorone
Concen: 37.543 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

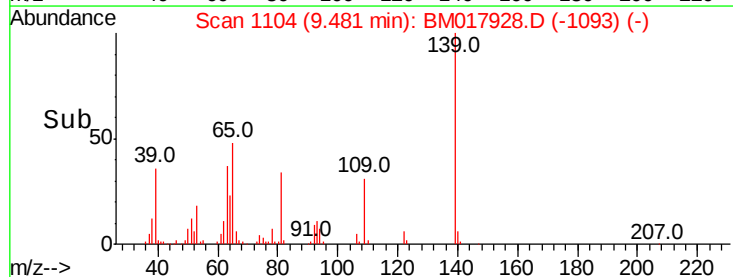
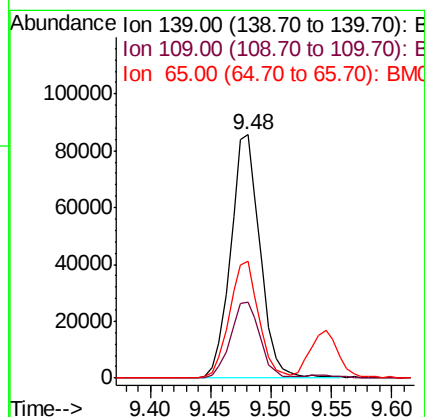
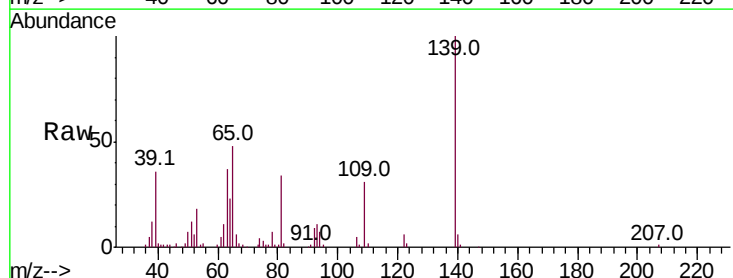
Instrument :
BNA_M
ClientSampleId :
PB115307BS

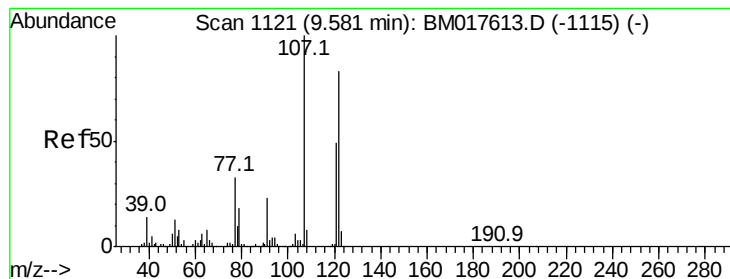
Tot Ion: 82 Resp: 565619
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 18.7 13.9 20.9



#26
2-Nitrophenol
Concen: 31.865 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion: 139 Resp: 145261
Ion Ratio Lower Upper
139 100
109 31.0 25.9 38.9
65 48.1 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 41.329 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

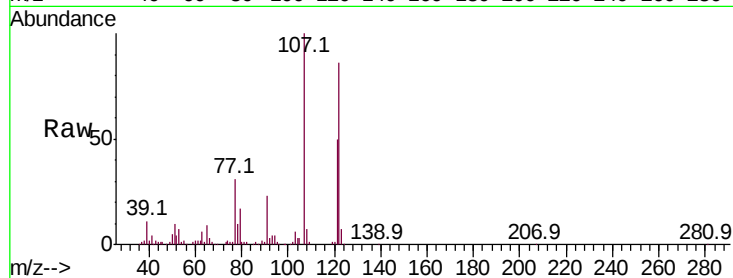
Tot Ion:122 Resp: 271522

Ion Ratio Lower Upper

122 100

107 116.4 95.8 143.8

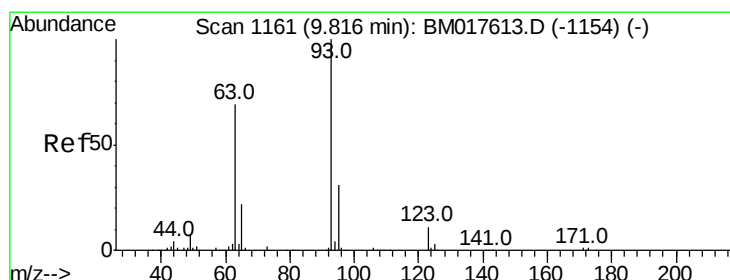
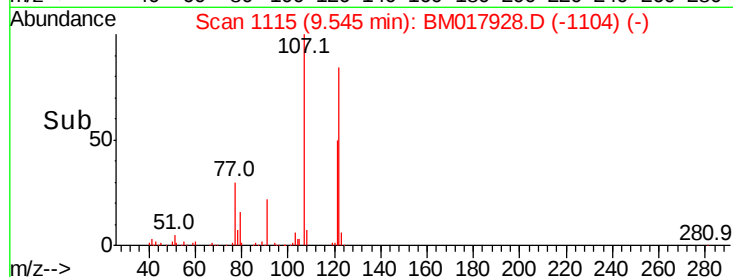
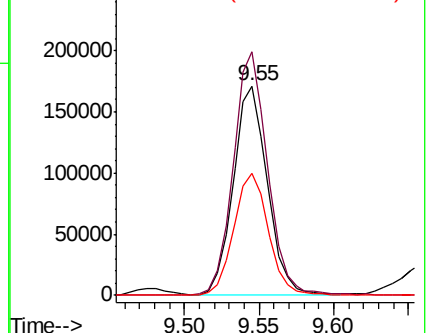
121 58.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.483 ng

RT: 9.78 min Scan# 1155

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

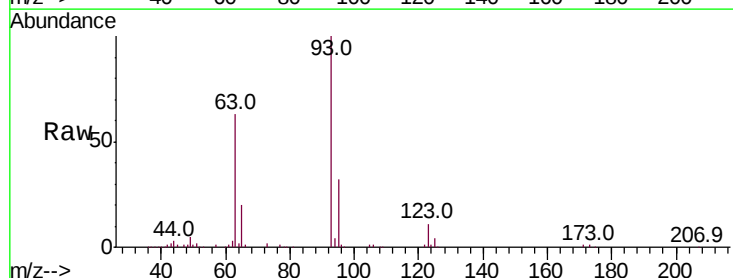
Tgt Ion: 93 Resp: 351860

Ion Ratio Lower Upper

93 100

95 32.1 24.9 37.3

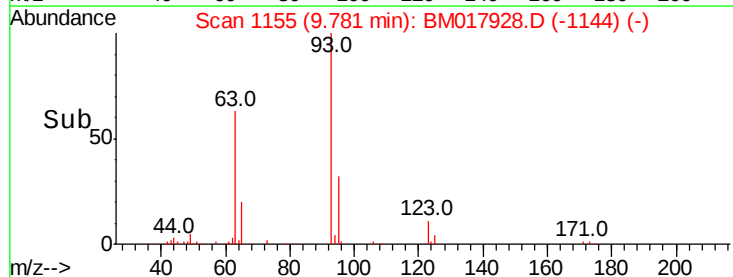
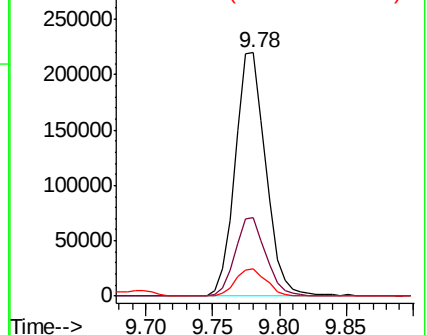
123 11.2 8.7 13.1

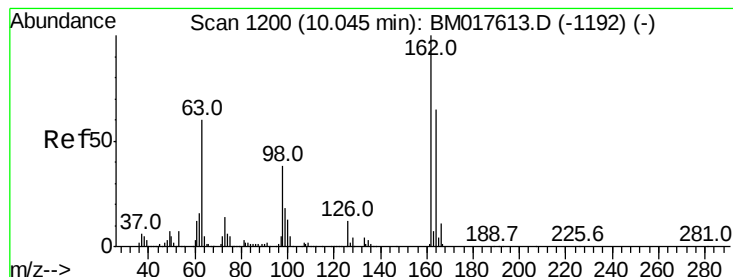


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.038 ng

RT: 10.01 min Scan# 1194

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

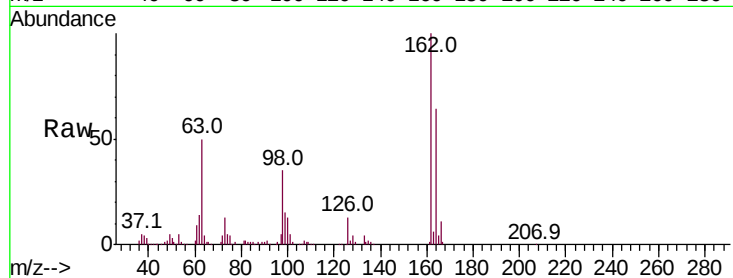
Tot Ion:162 Resp: 267211

Ion Ratio Lower Upper

162 100

164 64.1 45.0 85.0

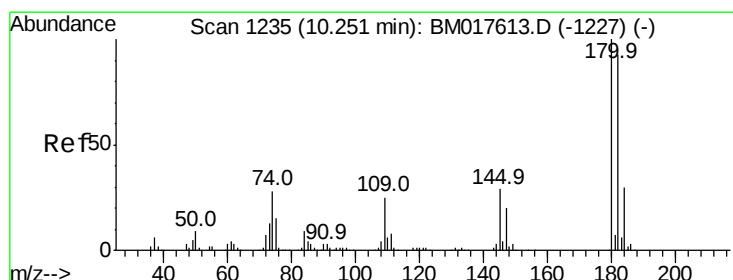
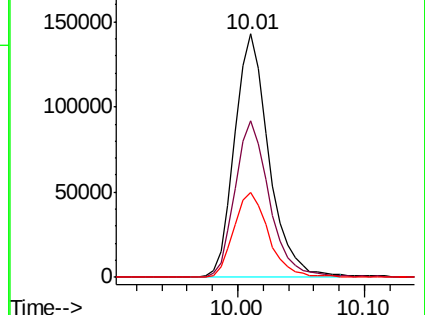
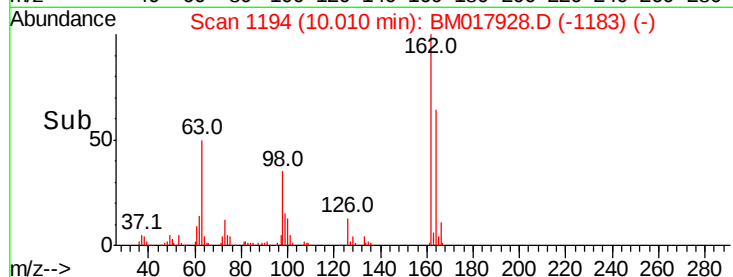
98 35.1 17.5 57.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 33.764 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

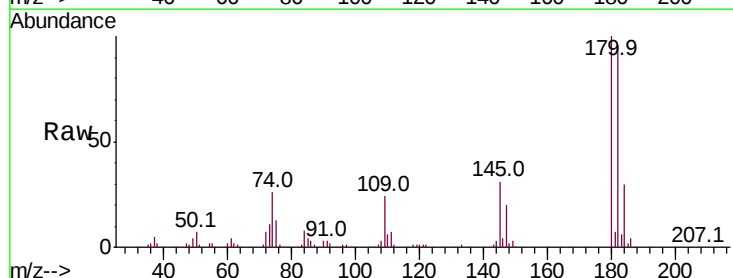
Tgt Ion:180 Resp: 299490

Ion Ratio Lower Upper

180 100

182 95.8 74.4 111.6

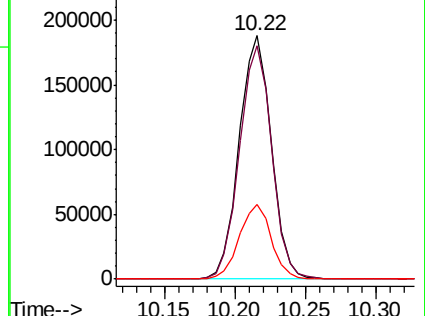
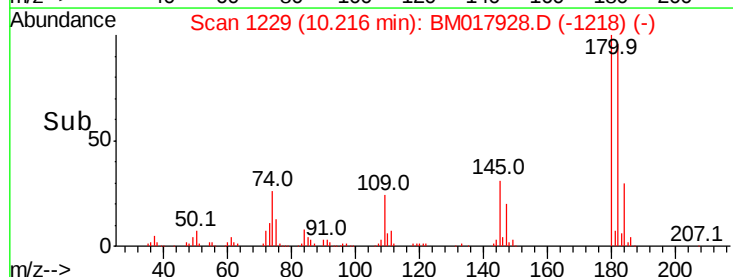
145 30.9 23.5 35.3

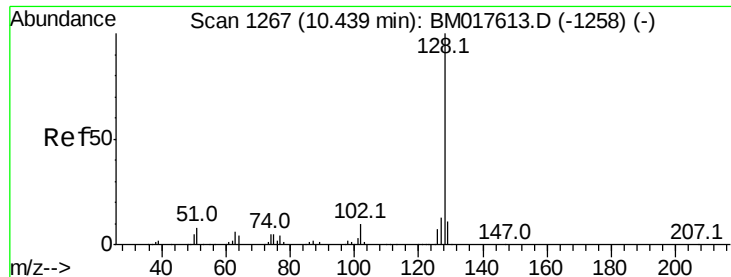


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

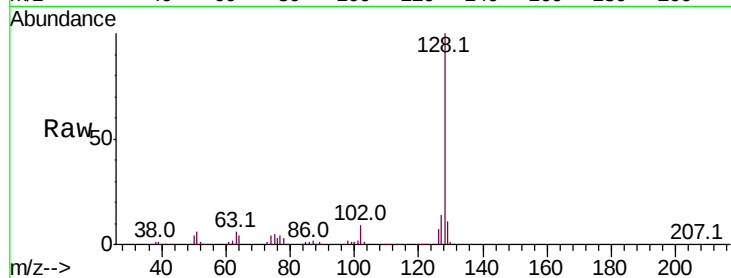




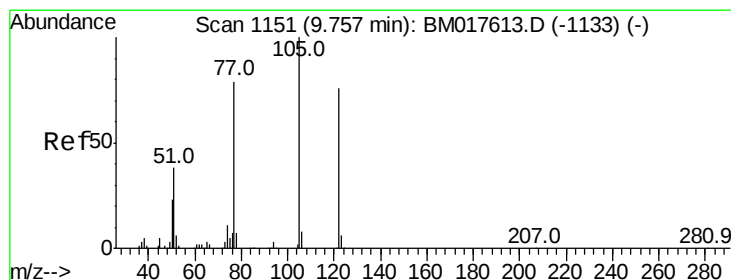
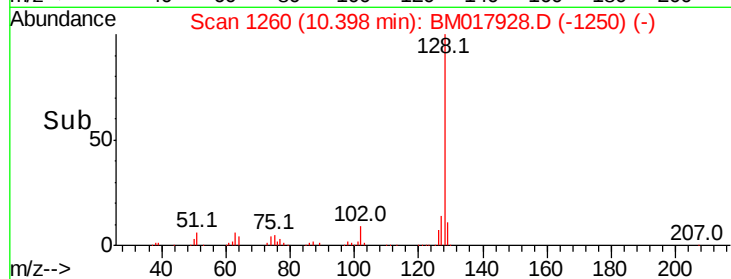
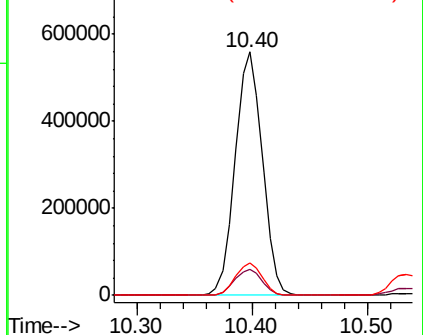
#31
Naphthalene
Concen: 36.875 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion:128 Resp: 912980
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.5 10.3 15.5

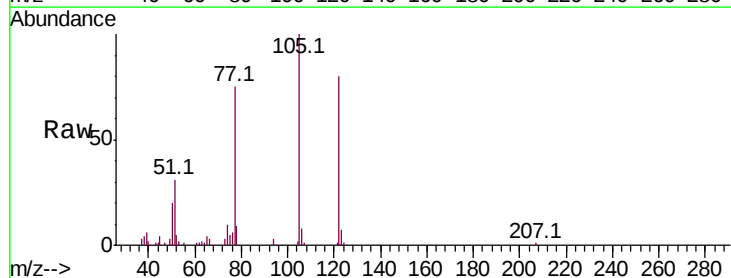


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

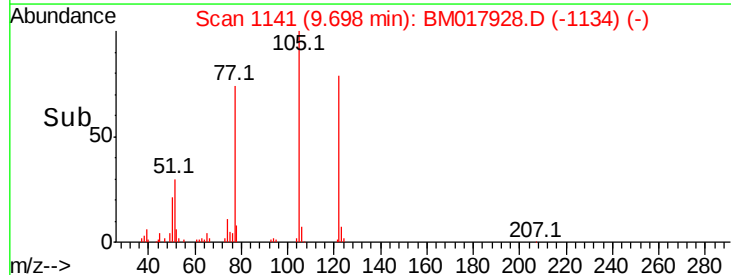
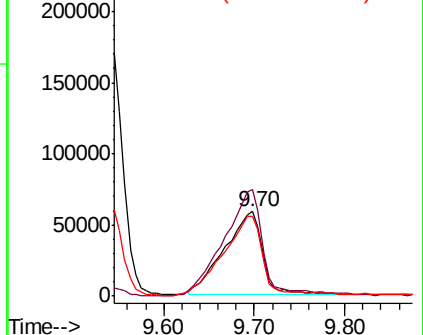


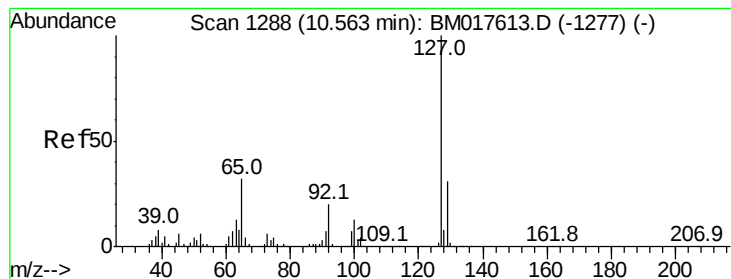
#32
Benzoic acid
Concen: 28.112 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion:122 Resp: 167301
Ion Ratio Lower Upper
122 100
105 125.4 109.1 149.1
77 94.5 82.1 122.1



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: 9.123 ng

RT: 10.53 min Scan# 1283

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

Tot Ion:127 Resp: 98921

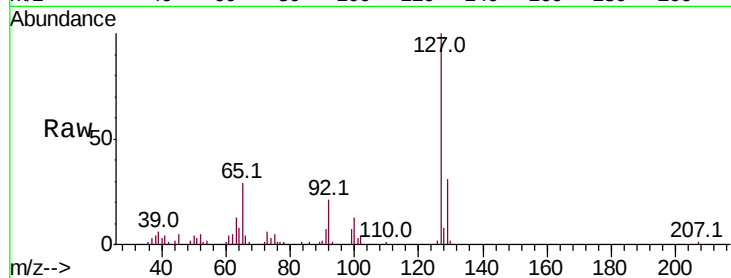
Ion Ratio Lower Upper

127 100

129 30.8 25.0 37.4

65 28.8 25.8 38.8

92 21.2 15.8 23.6

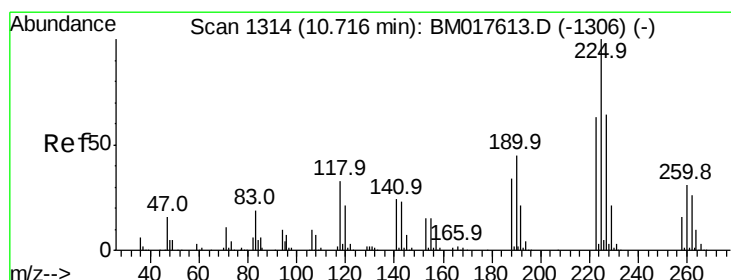
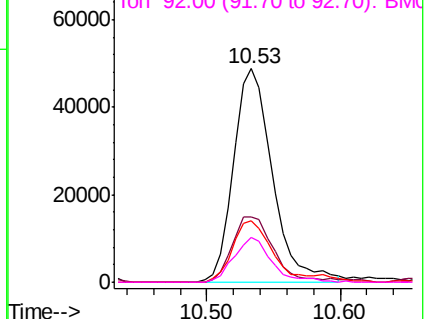
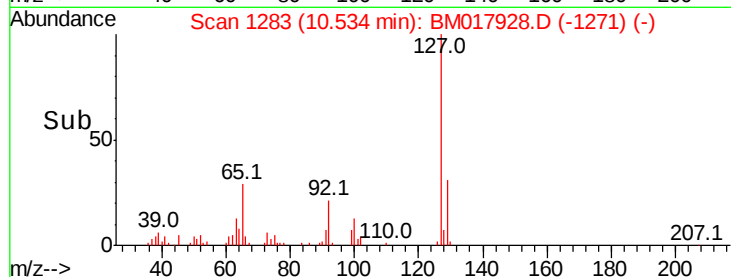


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 33.819 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.05 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

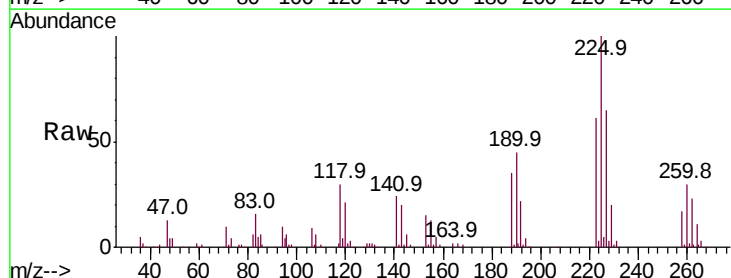
Tgt Ion:225 Resp: 186230

Ion Ratio Lower Upper

225 100

223 60.9 50.7 76.1

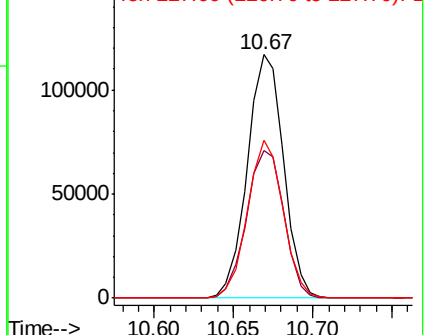
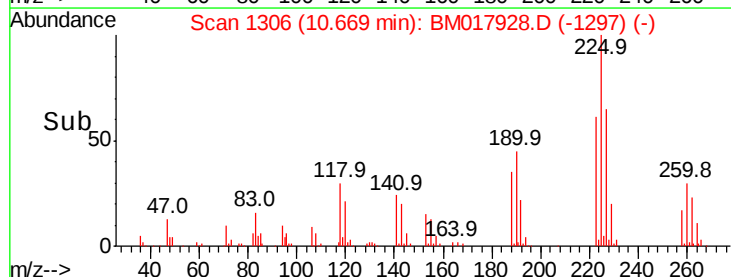
227 65.0 51.0 76.4

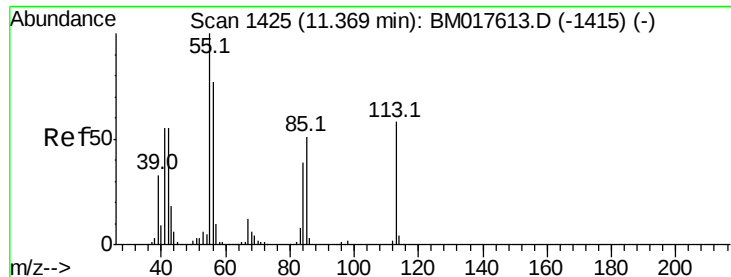


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.681 ng

RT: 11.32 min Scan# 1416

Delta R.T. -0.05 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

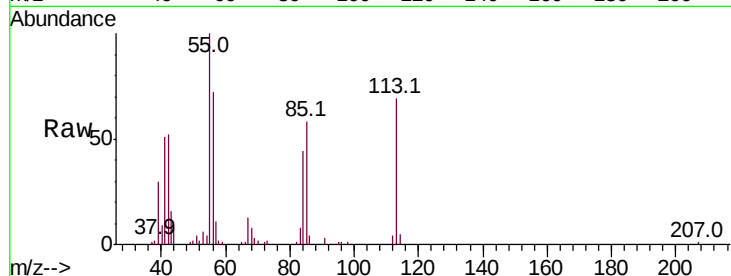
Tot Ion:113 Resp: 80552

Ion Ratio Lower Upper

113 100

55 144.8 153.1 193.1#

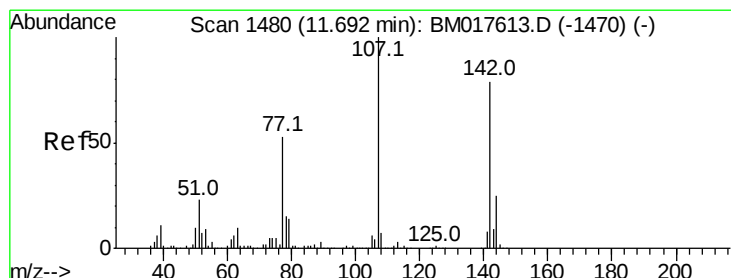
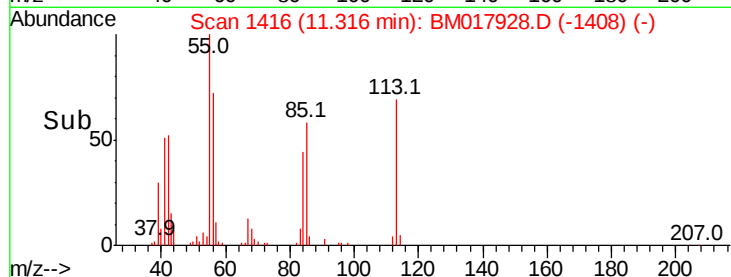
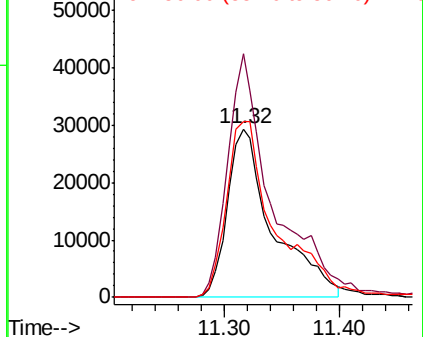
56 104.4 112.7 152.7#



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: 32.228 ng

RT: 11.66 min Scan# 1474

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

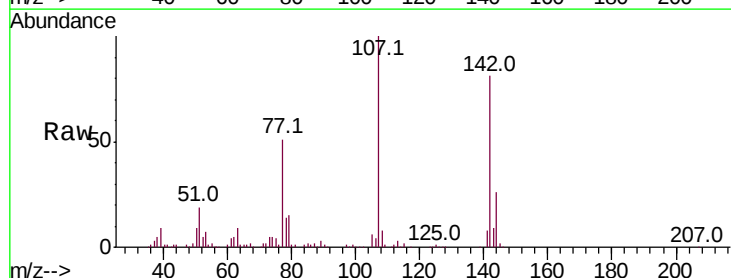
Tgt Ion:107 Resp: 283770

Ion Ratio Lower Upper

107 100

144 26.1 19.9 29.9

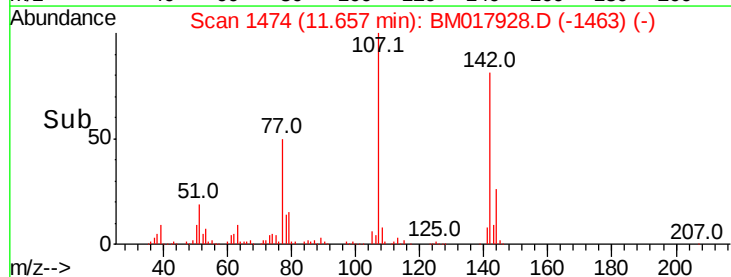
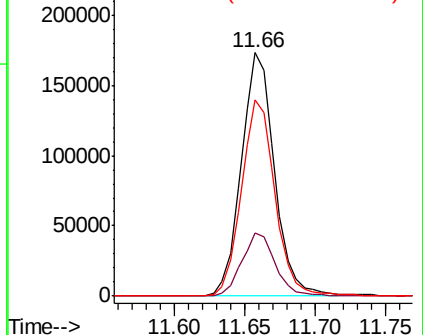
142 80.7 63.0 94.4

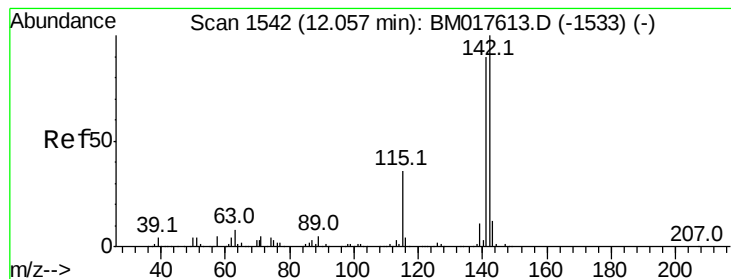


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.036 ng

RT: 12.02 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

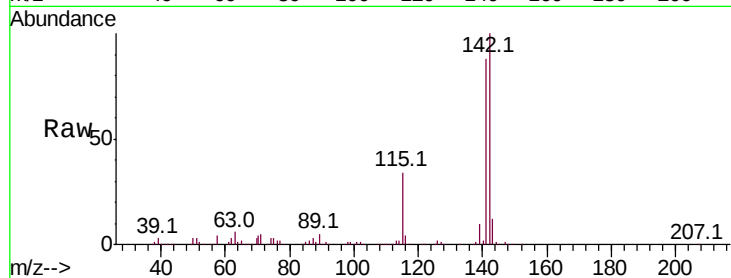
Tot Ion:142 Resp: 648088

Ion Ratio Lower Upper

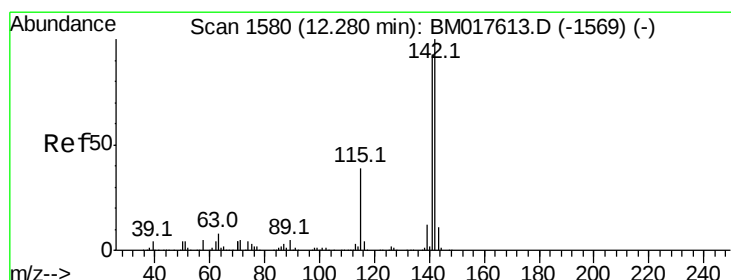
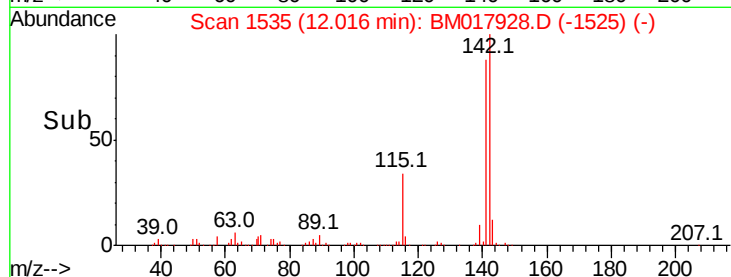
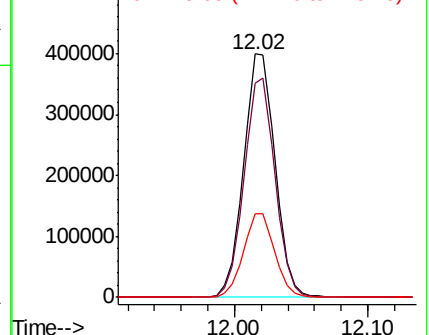
142 100

141 88.1 72.2 108.4

115 34.1 28.5 42.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 36.088 ng

RT: 12.24 min Scan# 1573

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

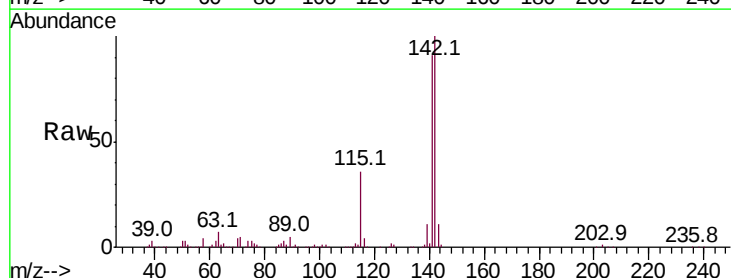
Tgt Ion:142 Resp: 619192

Ion Ratio Lower Upper

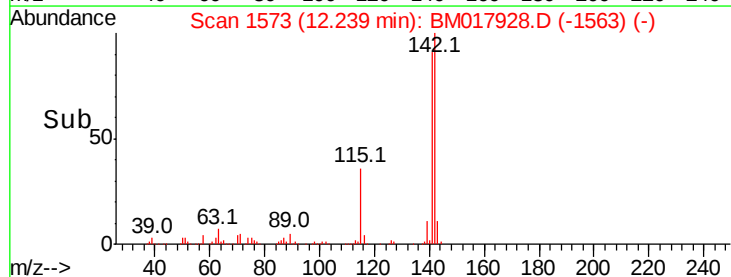
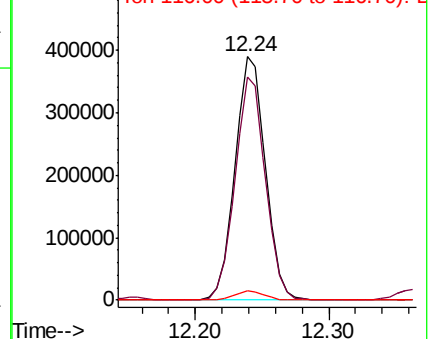
142 100

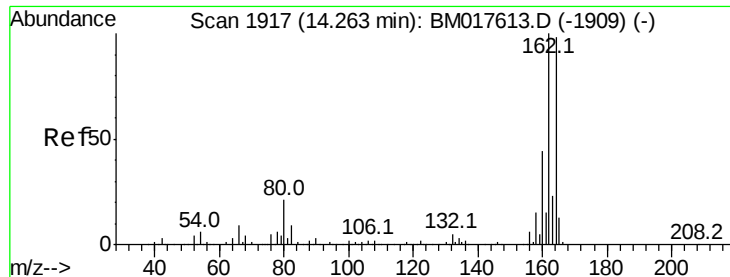
141 91.4 74.2 111.4

116 3.8 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1911

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

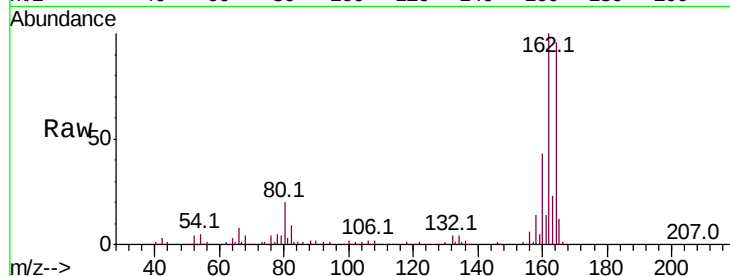
Tot Ion:164 Resp: 266448

Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

160 44.9 35.6 53.4

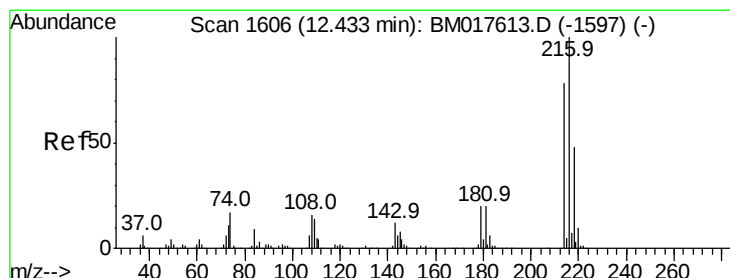
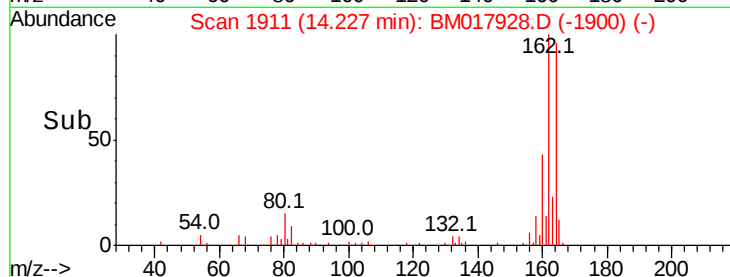
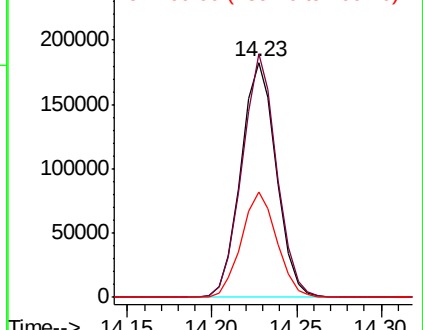


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.922 ng

RT: 12.39 min Scan# 1599

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Tgt Ion:216 Resp: 328115

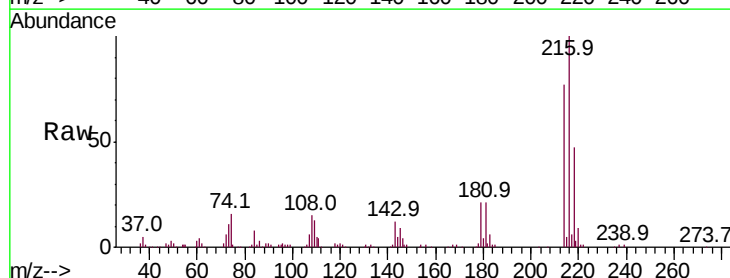
Ion Ratio Lower Upper

216 100

214 77.9 62.5 93.7

179 21.0 16.8 25.2

108 17.7 14.6 22.0



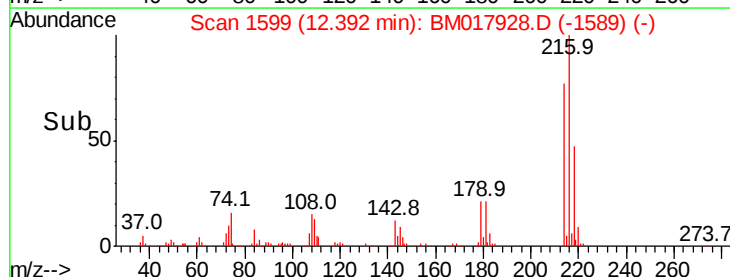
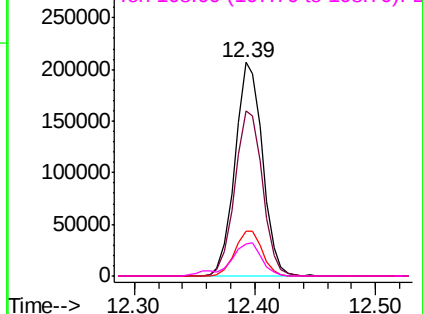
Abundance

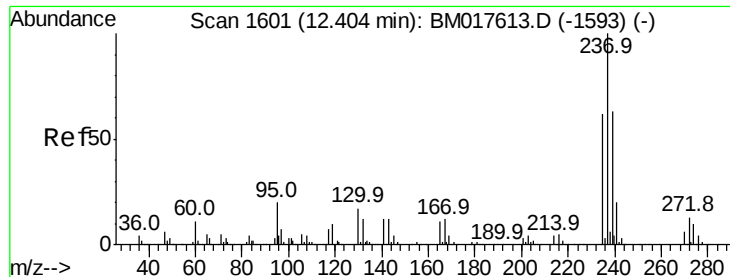
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.377 ng

RT: 12.36 min Scan# 1594

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

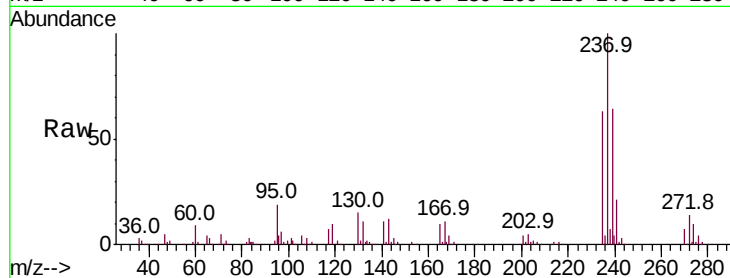
Tot Ion:237 Resp: 220310

Ion Ratio Lower Upper

237 100

235 62.6 42.2 82.2

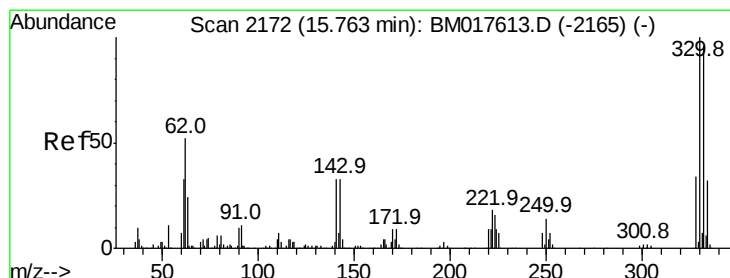
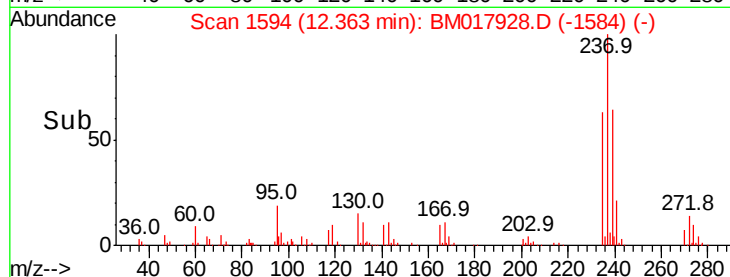
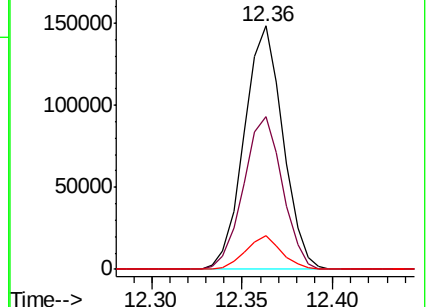
272 13.9 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 72.107 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

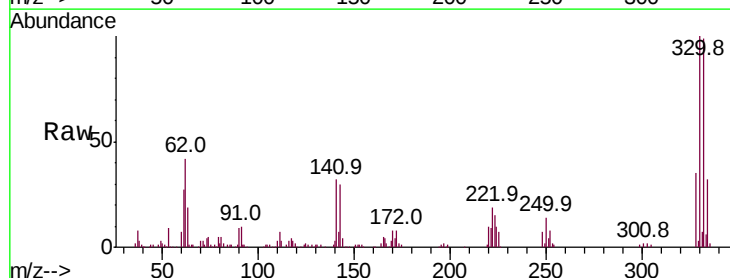
Tgt Ion:330 Resp: 276059

Ion Ratio Lower Upper

330 100

332 98.0 77.9 116.9

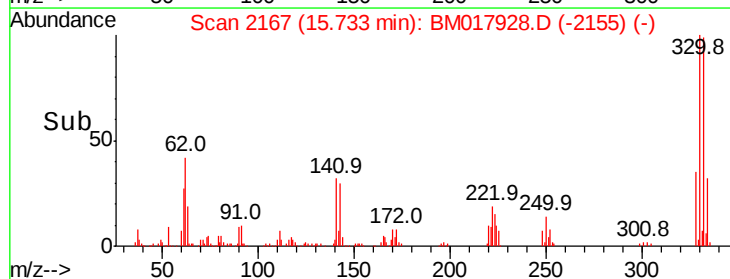
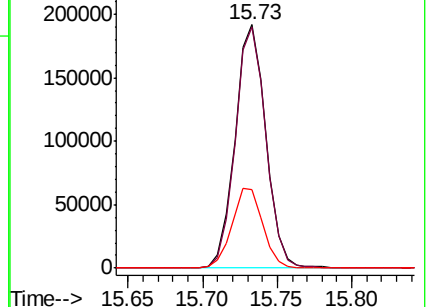
141 33.0 27.5 41.3

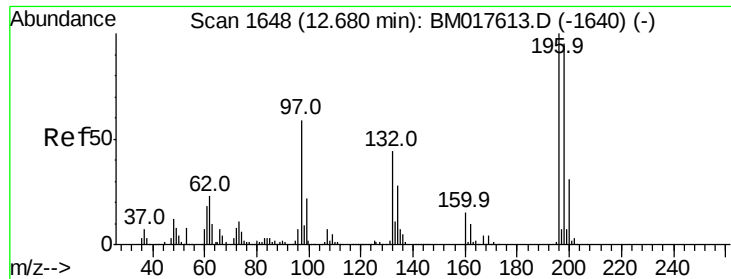


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

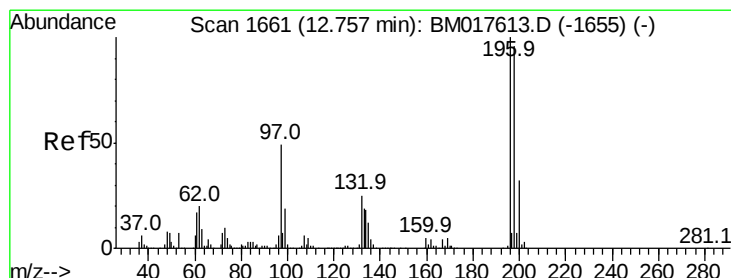
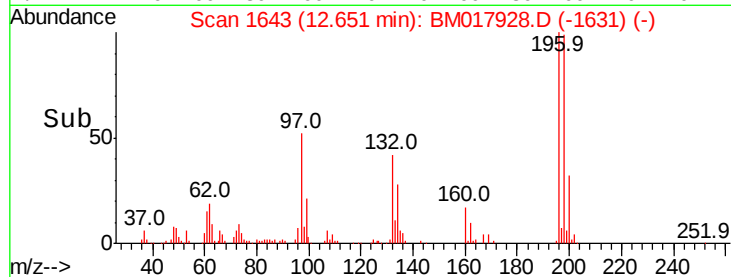
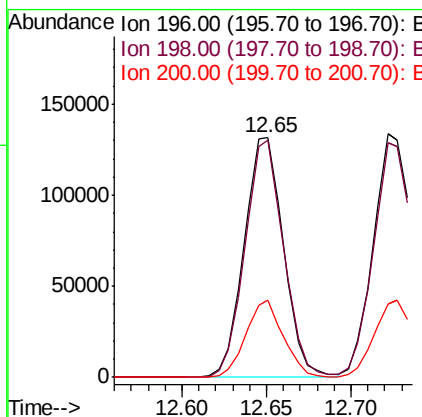
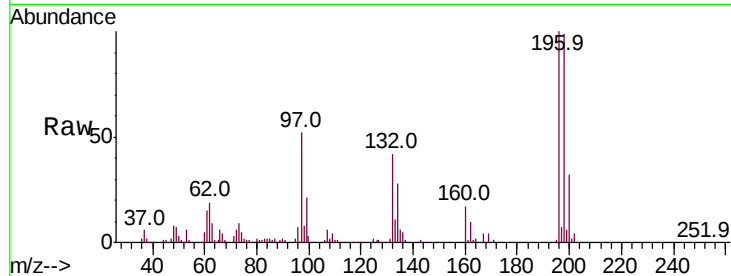




#43
 2,4,6-Trichlorophenol
 Concen: 36.275 ng
 RT: 12.65 min Scan# 1643
 Delta R.T. -0.03 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

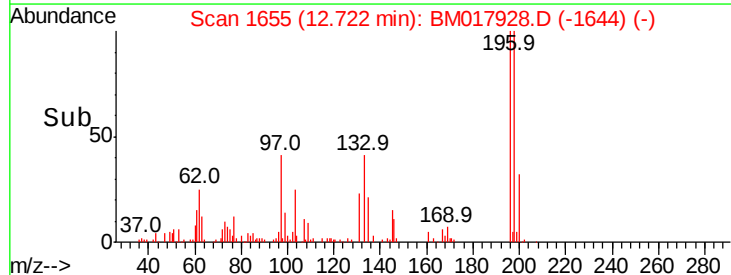
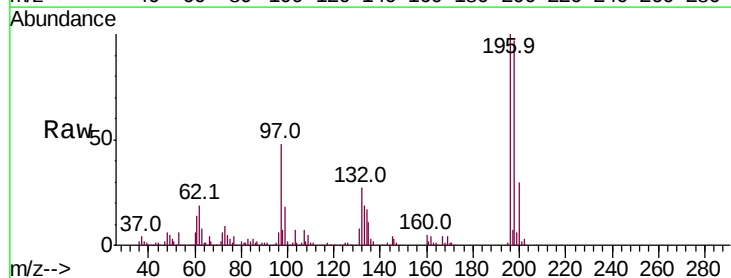
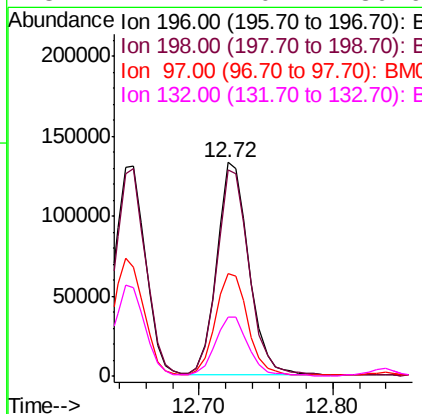
Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

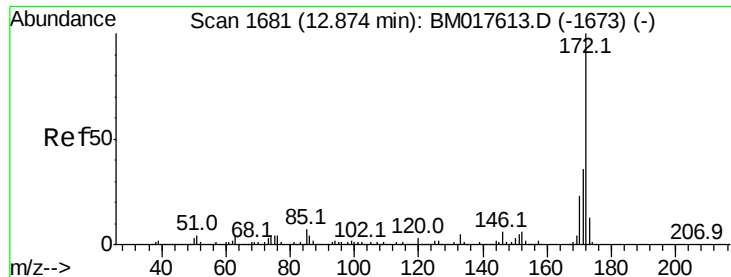
Tot Ion:196 Resp: 213484
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.6 113.4
 200 32.3 24.8 37.2



#44
 2,4,5-Trichlorophenol
 Concen: 36.132 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Tgt Ion:196 Resp: 224525
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.8 115.2
 97 47.8 39.0 58.6
 132 27.4 20.4 30.6



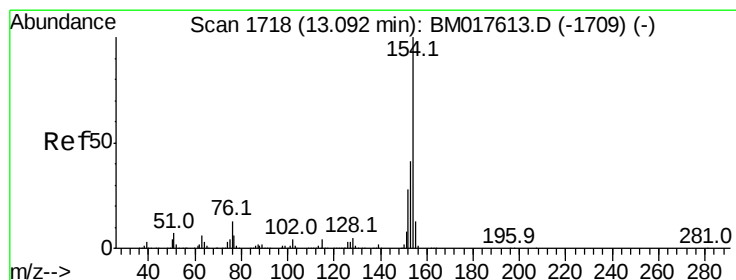
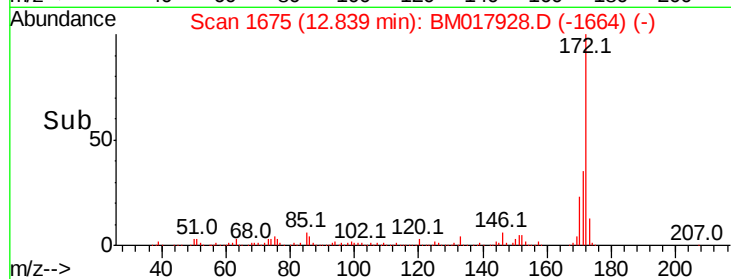
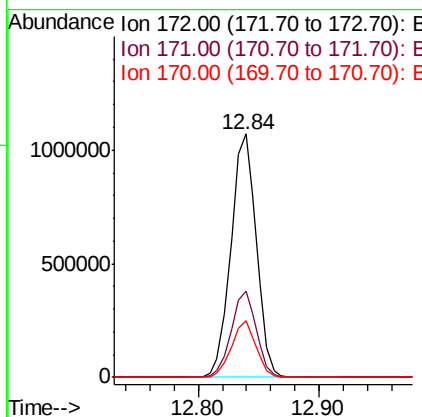
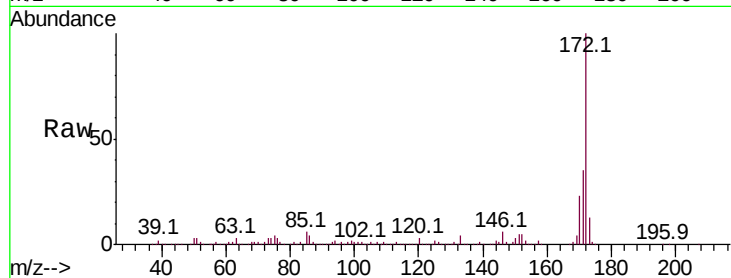


#45
 2-Fluorobiphenyl
 Concen: 76.213 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

Tot Ion:172 Resp: 1565274

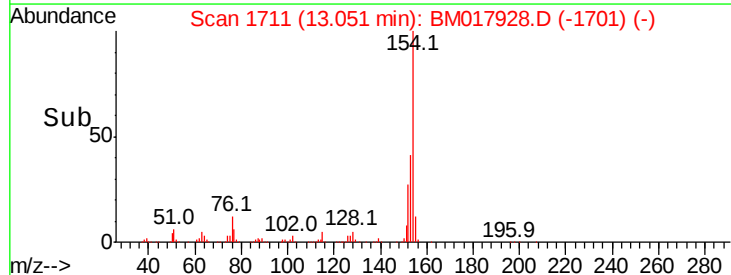
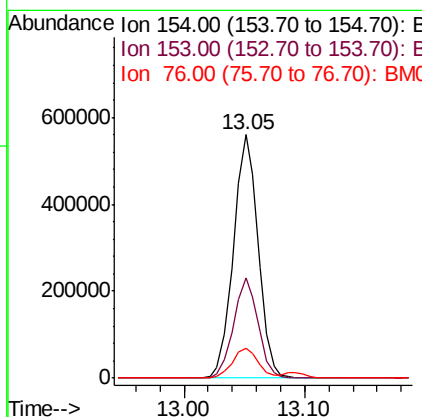
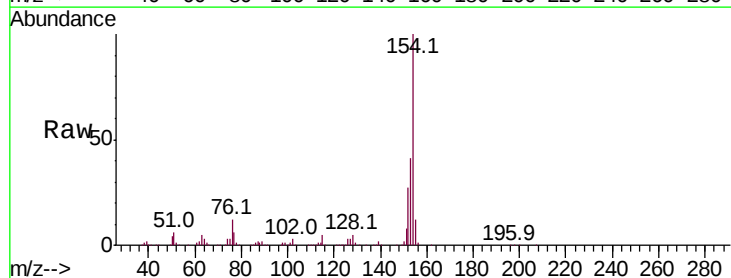
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.1	18.3	27.5

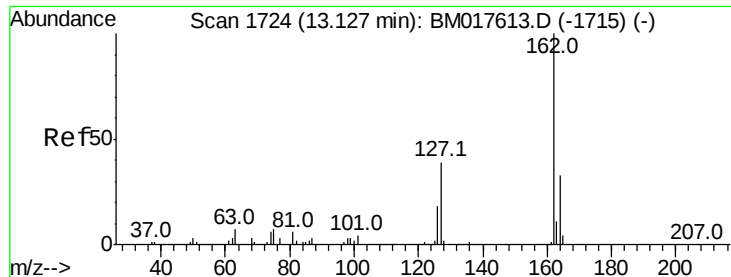


#46
 1,1'-Biphenyl
 Concen: 33.354 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.04 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Tgt Ion:154 Resp: 797717

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	12.0	0.0	32.8

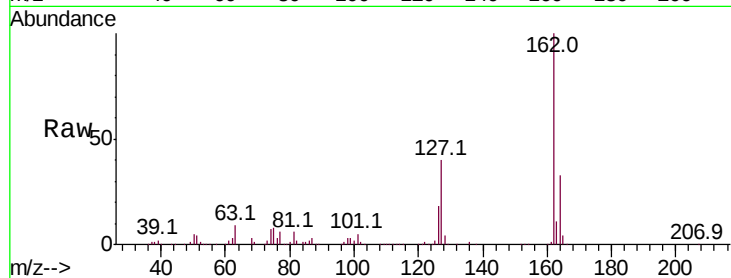




#47
2-Chloronaphthalene
Concen: 35.007 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Instrument :
BNA_M
ClientSampleId :
PB115307BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.6	48.8
164	32.7	26.5	39.7

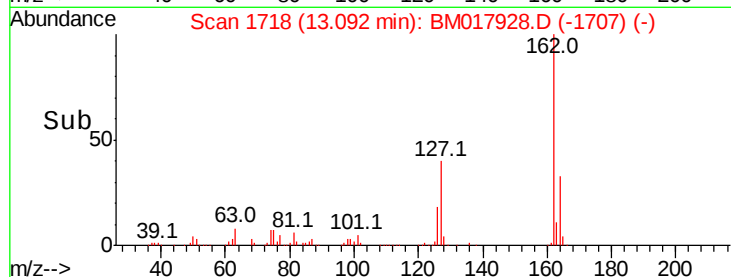
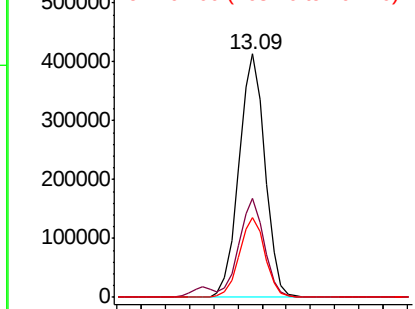


Abundance

Ion 162.00 (161.70 to 162.70): E

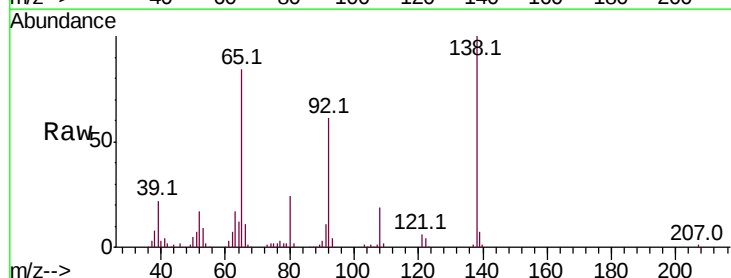
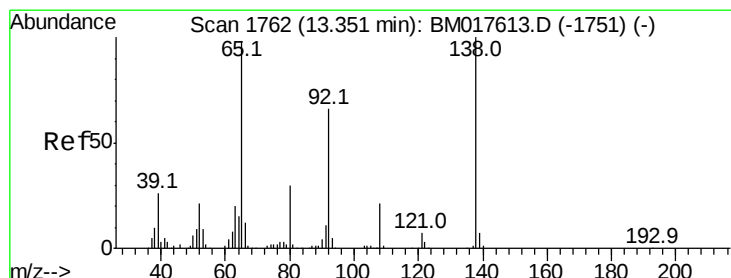
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 32.000 ng
RT: 13.32 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	53.7	80.5
138	118.5	81.5	122.3

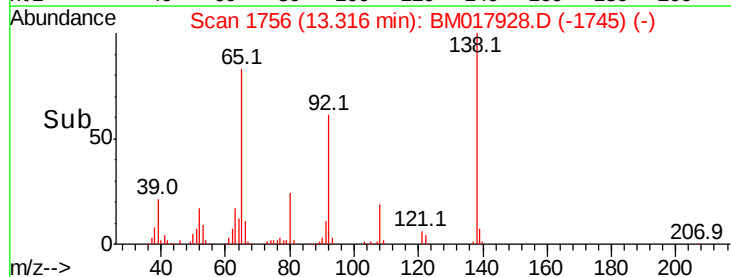
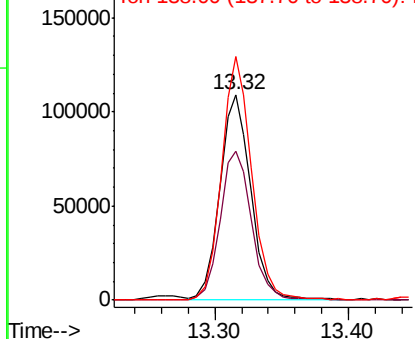


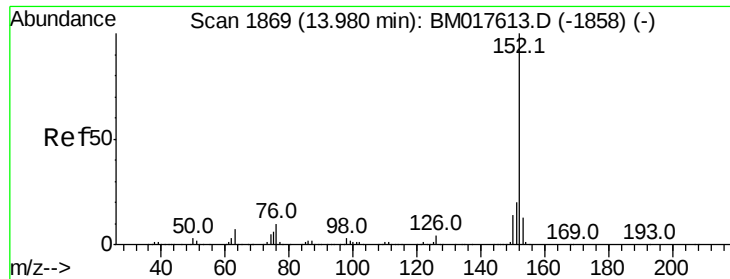
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.505 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

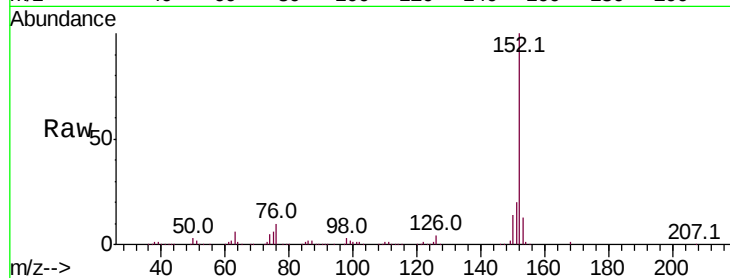
BNA_M

ClientSampleId :

PB115307BS

Tot Ion:152 Resp: 1000315

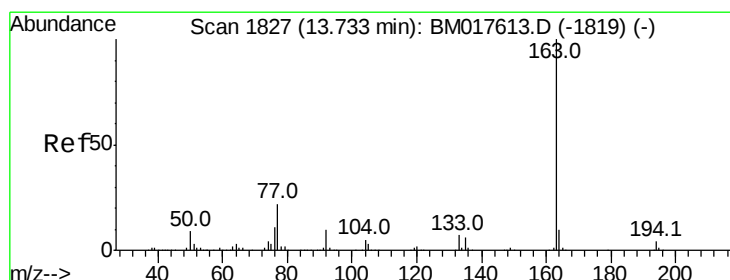
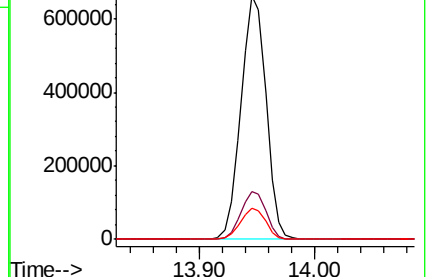
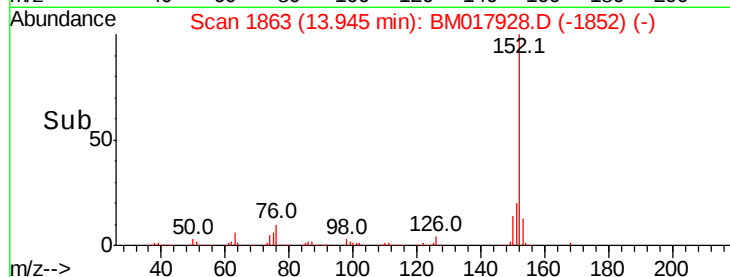
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.6	10.5	15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 33.764 ng

RT: 13.70 min Scan# 1821

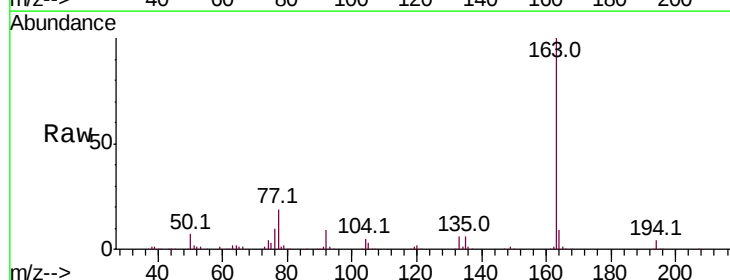
Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Tgt Ion:163 Resp: 731429

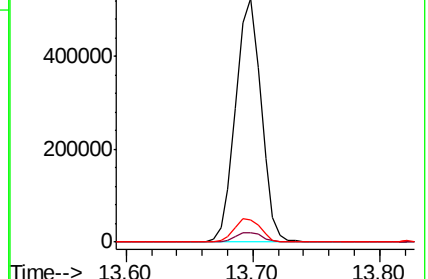
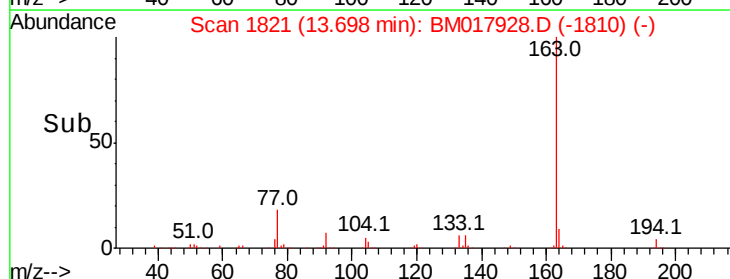
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.4	8.2	12.4

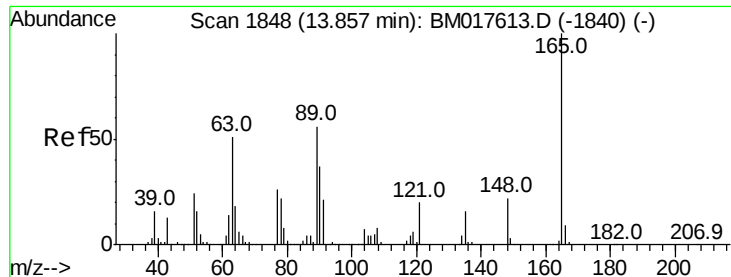


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

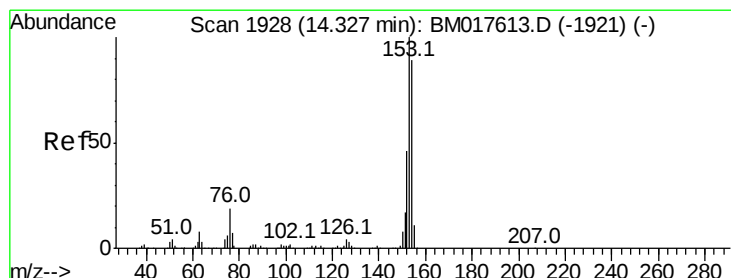
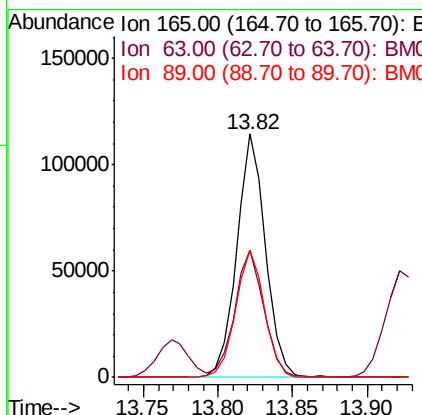
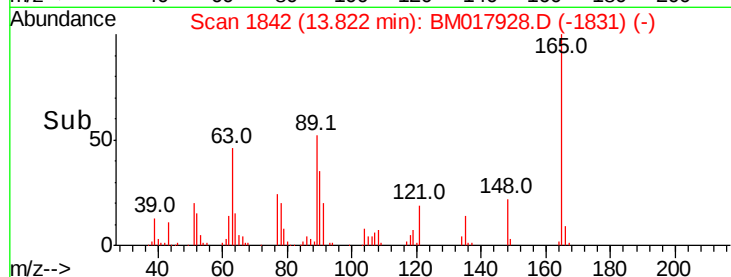
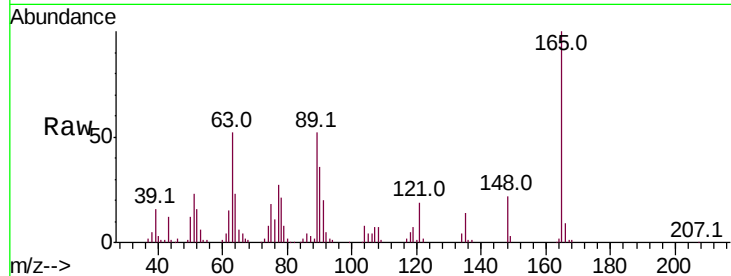




#51
2,6-Dinitrotoluene
Concen: 31.635 ng
RT: 13.82 min Scan# 1842
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

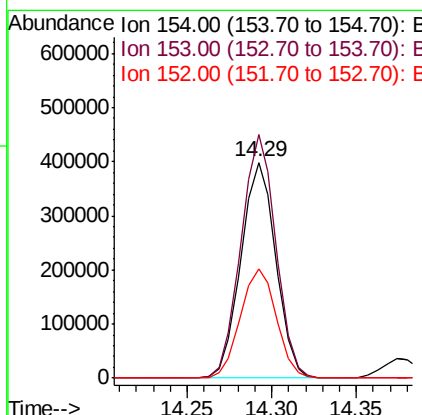
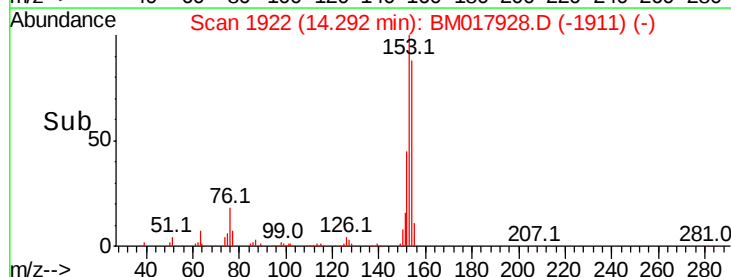
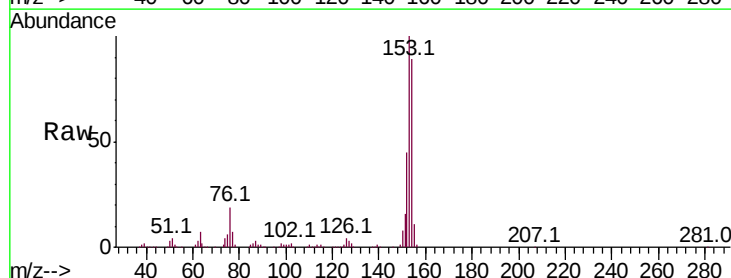
Instrument :
BNA_M
ClientSampleId :
PB115307BS

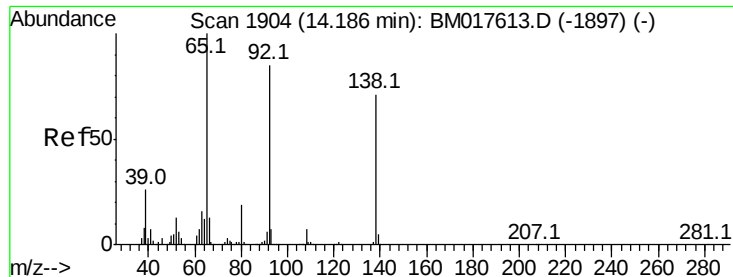
Tot Ion:165 Resp: 152602
Ion Ratio Lower Upper
165 100
63 52.4 47.3 70.9
89 52.2 44.8 67.2



#52
Acenaphthene
Concen: 35.163 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion:154 Resp: 575564
Ion Ratio Lower Upper
154 100
153 113.0 90.2 135.4
152 51.0 41.6 62.4





#53

3-Nitroaniline

Concen: 18.755 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

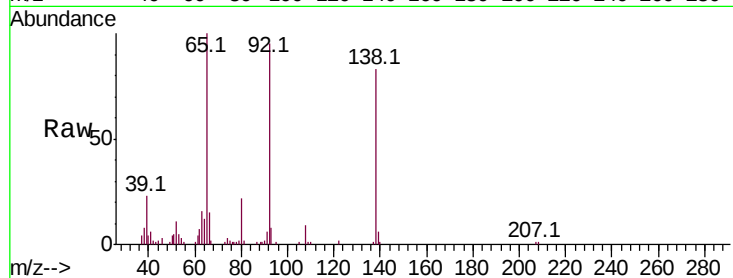
Tot Ion:138 Resp: 98498

Ion Ratio Lower Upper

138 100

108 10.9 8.2 12.2

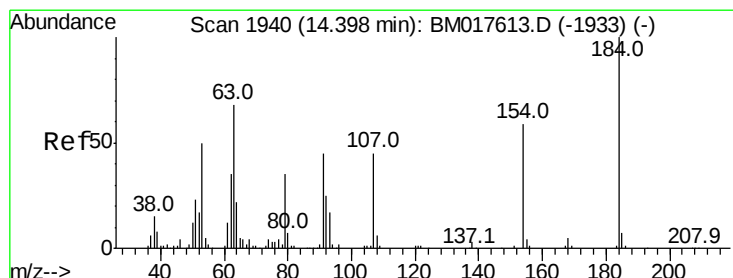
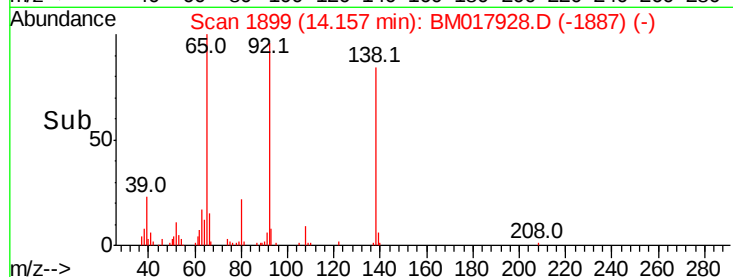
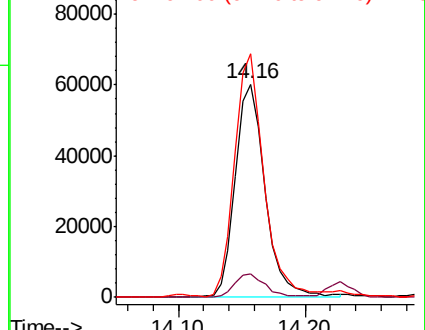
92 114.2 95.4 143.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 36.428 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

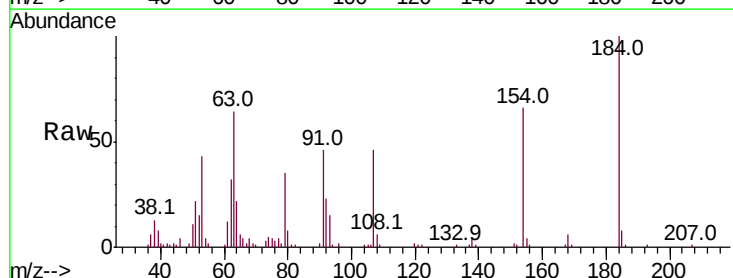
Tgt Ion:184 Resp: 94738

Ion Ratio Lower Upper

184 100

63 63.6 55.1 82.7

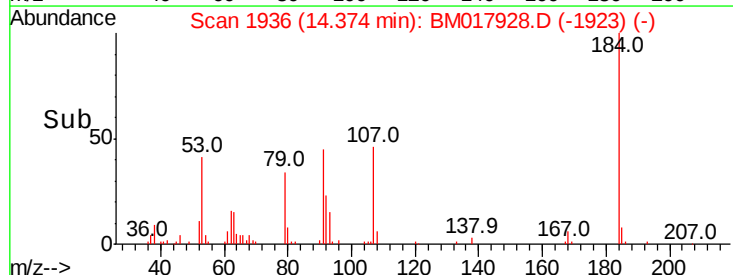
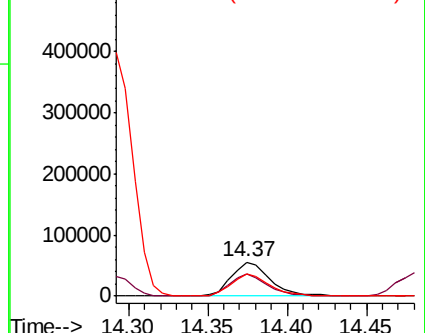
154 66.1 51.3 76.9

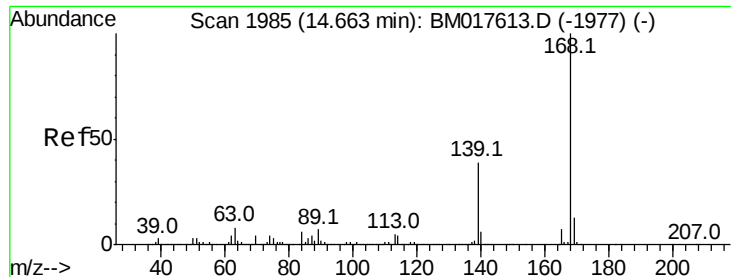


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 34.209 ng

RT: 14.63 min Scan# 1980

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

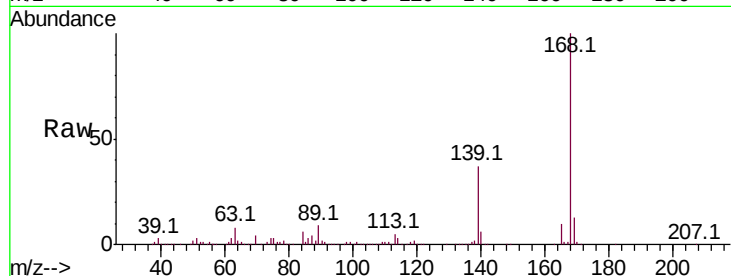
Tot Ion:168 Resp: 915062

Ion Ratio Lower Upper

168 100

139 37.3 31.0 46.6

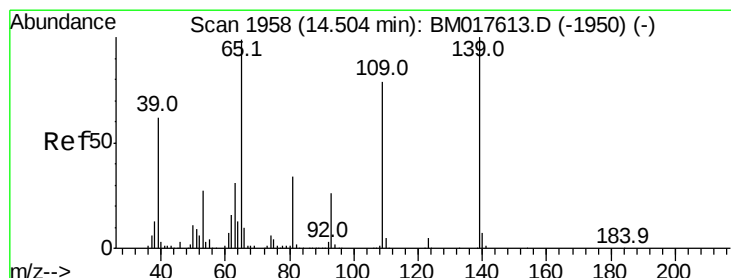
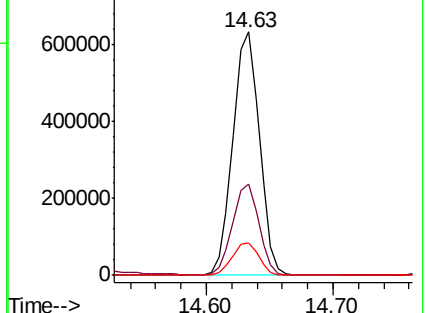
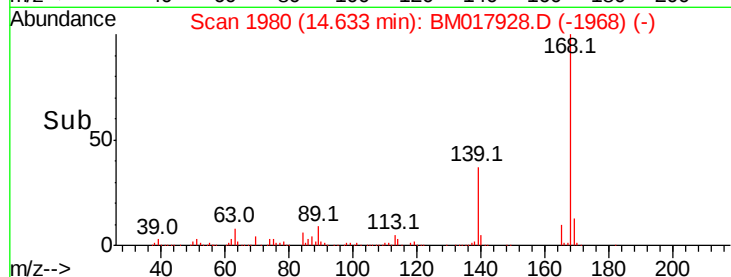
169 13.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 60.670 ng

RT: 14.48 min Scan# 1954

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

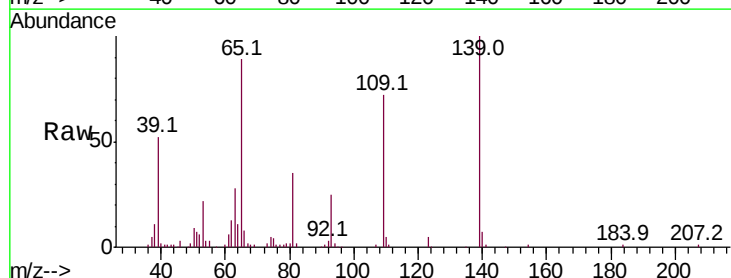
Tgt Ion:139 Resp: 262195

Ion Ratio Lower Upper

139 100

109 72.2 58.6 98.6

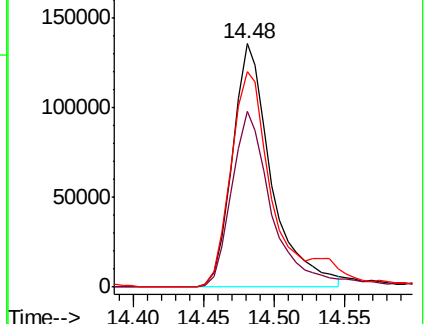
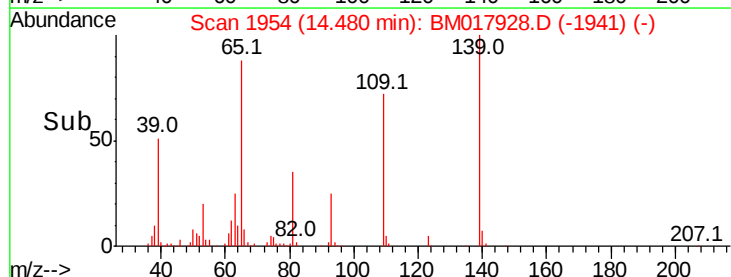
65 88.7 79.5 119.5

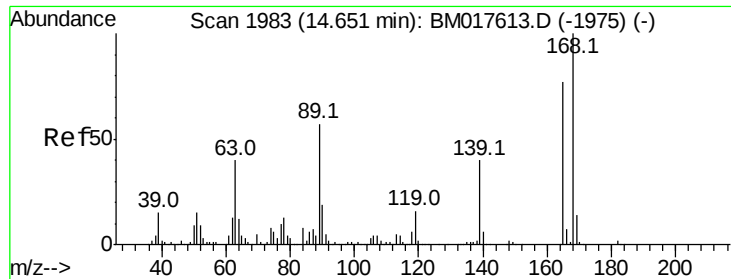


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

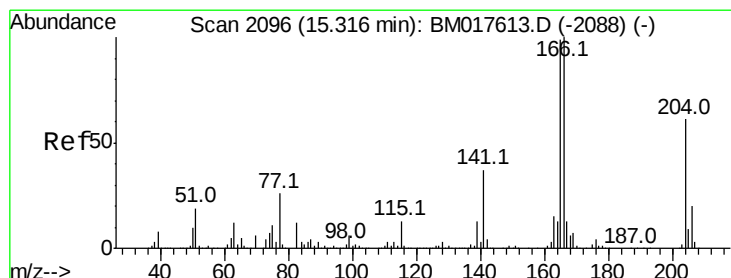
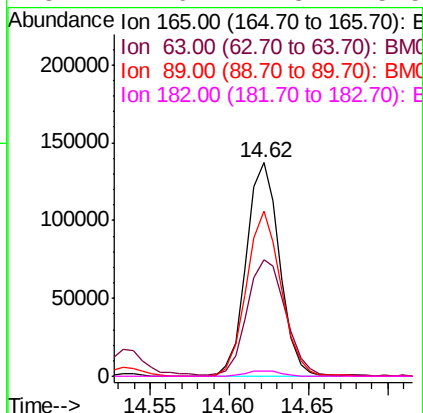
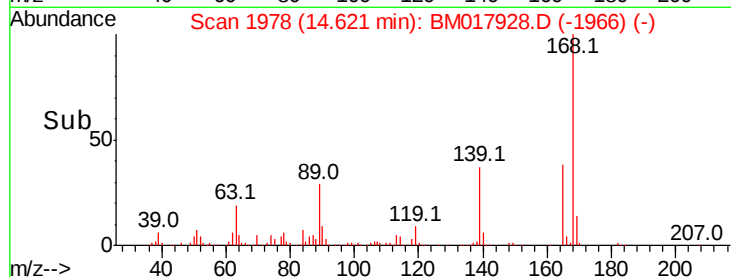
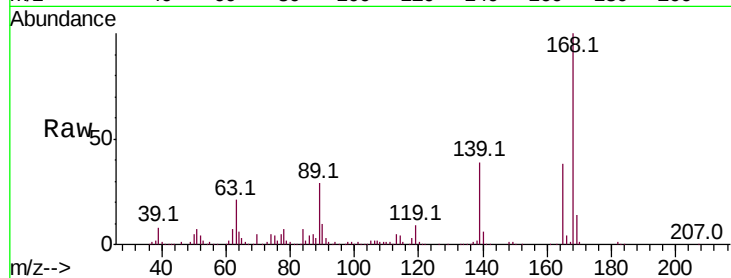




#57
2,4-Dinitrotoluene
Concen: 30.864 ng
RT: 14.62 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

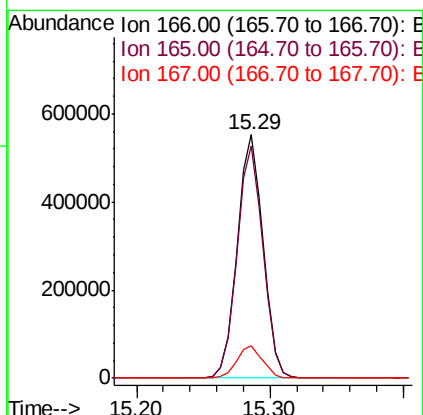
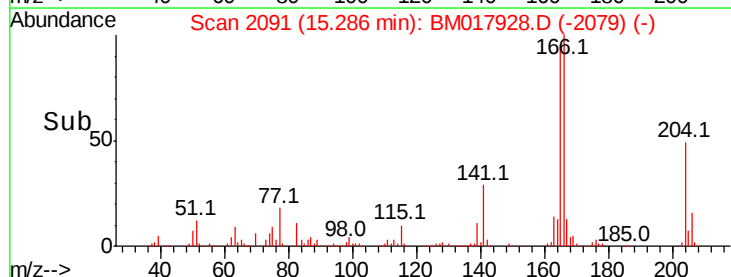
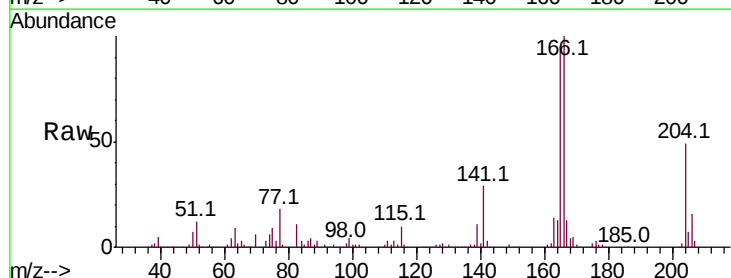
Instrument :
BNA_M
ClientSampleId :
PB115307BS

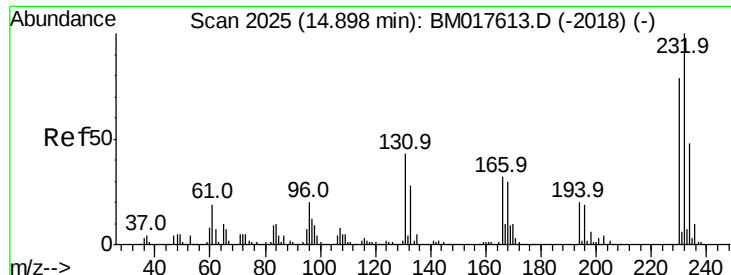
Tot Ion:165 Resp: 200693
Ion Ratio Lower Upper
165 100
63 54.8 41.8 62.8
89 77.6 59.5 89.3
182 2.6 2.3 3.5



#58
Fluorene
Concen: 36.033 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion:166 Resp: 737889
Ion Ratio Lower Upper
166 100
165 95.1 79.0 118.6
167 13.1 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.118 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

Tot Ion:232 Resp: 206432

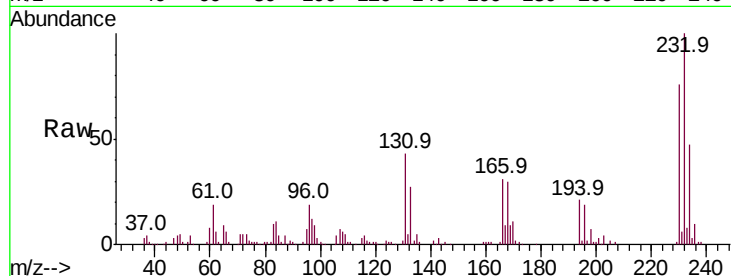
Ion Ratio Lower Upper

232 100

131 41.9 34.8 52.2

130 2.1 1.9 2.9

166 31.6 25.3 37.9

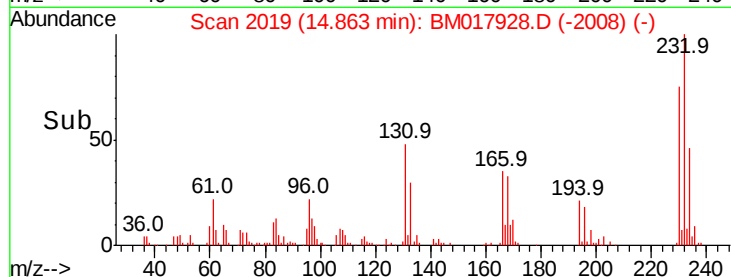


Abundance Ion 232.00 (231.70 to 232.70): E

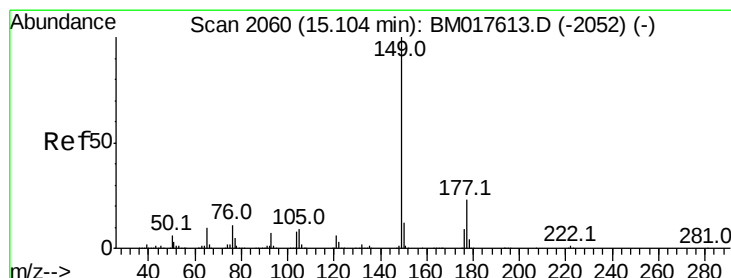
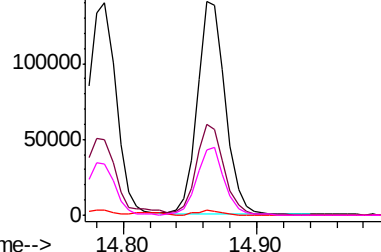
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 31.452 ng

RT: 15.07 min Scan# 2054

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

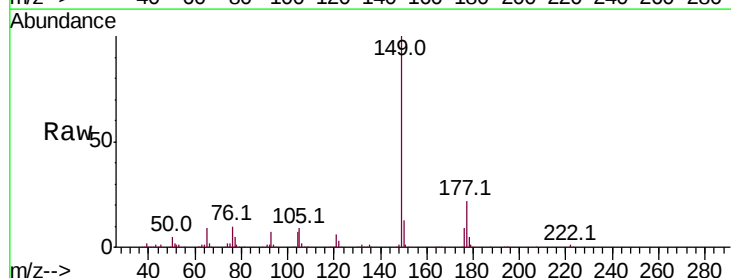
Tgt Ion:149 Resp: 736180

Ion Ratio Lower Upper

149 100

177 22.2 18.1 27.1

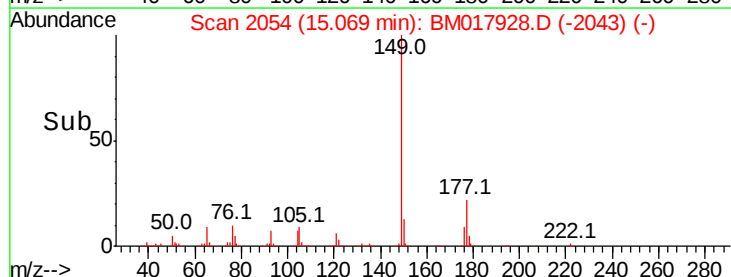
150 12.6 9.9 14.9



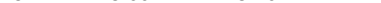
Abundance Ion 149.00 (148.70 to 149.70): E

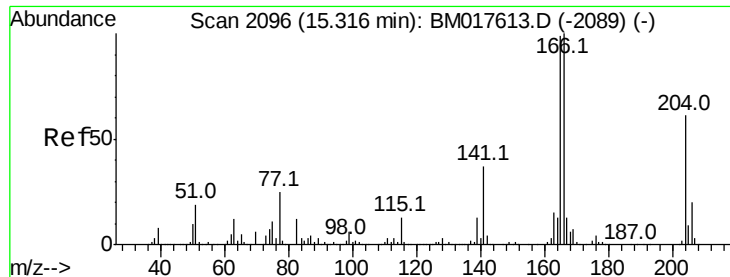
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

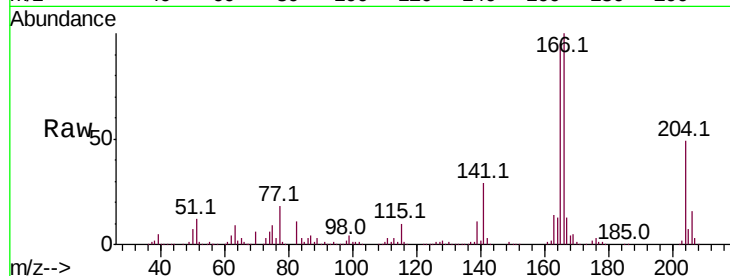




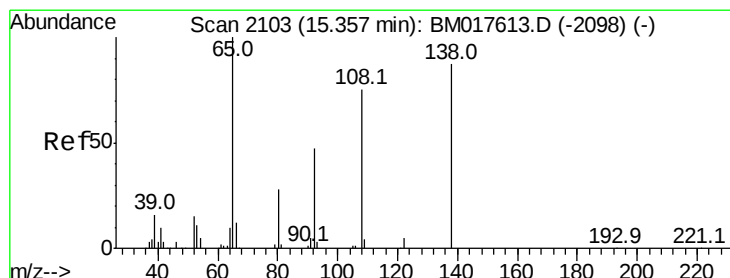
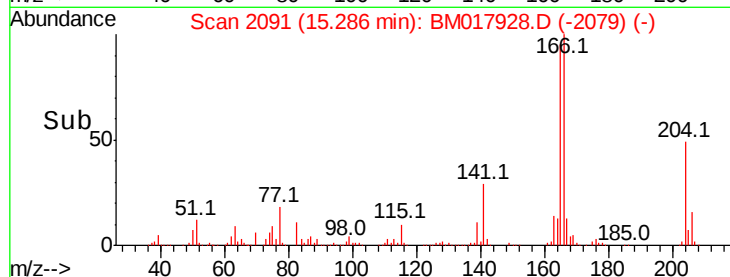
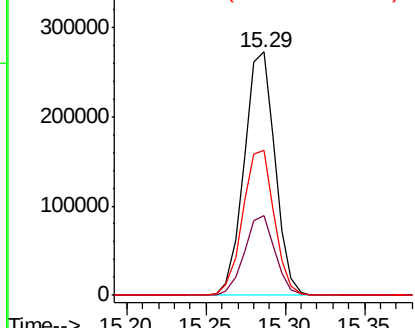
#61
 4-Chlorophenyl-phenylether
 Concen: 31.619 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

Tot Ion:204 Resp: 367881
 Ion Ratio Lower Upper
 204 100
 206 32.6 25.9 38.9
 141 59.5 47.9 71.9

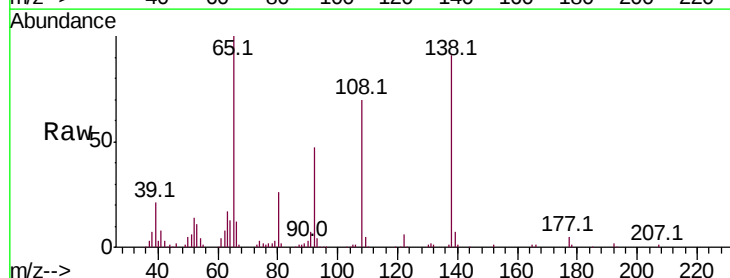


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

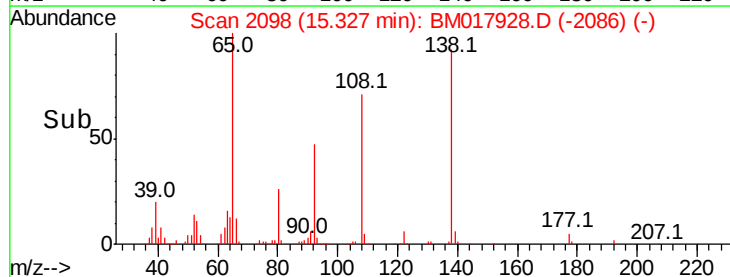
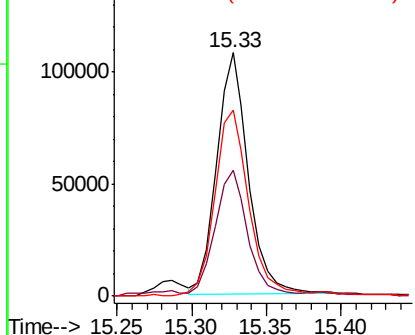


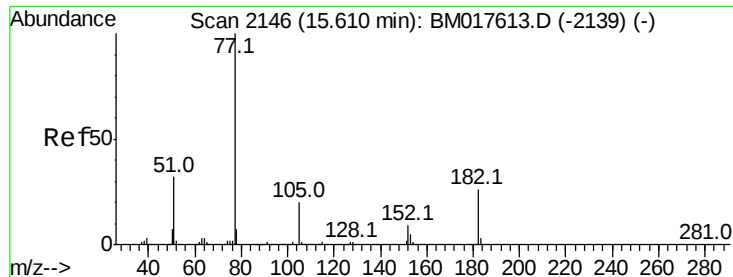
#62
 4-Nitroaniline
 Concen: 32.246 ng
 RT: 15.33 min Scan# 2098
 Delta R.T. -0.03 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Tgt Ion:138 Resp: 159606
 Ion Ratio Lower Upper
 138 100
 92 51.7 33.4 73.4
 108 76.6 64.3 104.3



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





#63

Azobenzene

Concen: 31.301 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

Tot Ion: 77 Resp: 677283

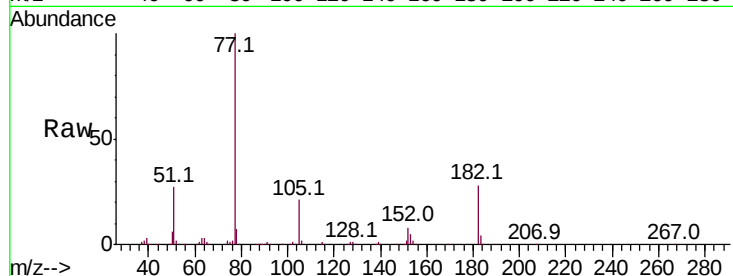
Ion Ratio Lower Upper

77 100

182 28.3 5.8 45.8

105 21.3 0.0 40.0

51 26.9 12.5 52.5

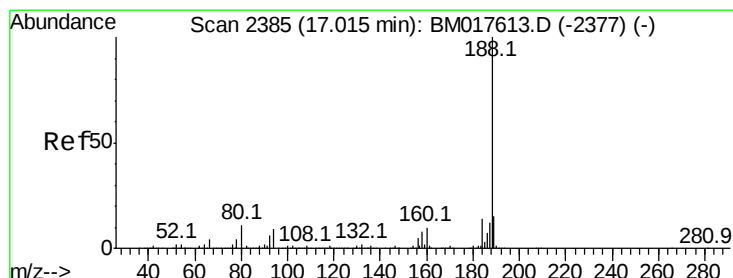
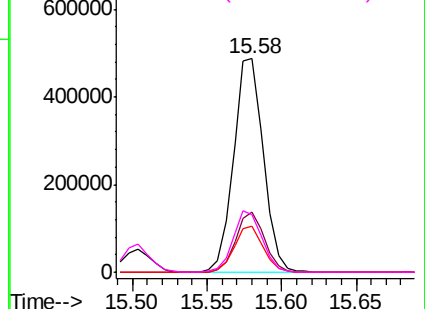
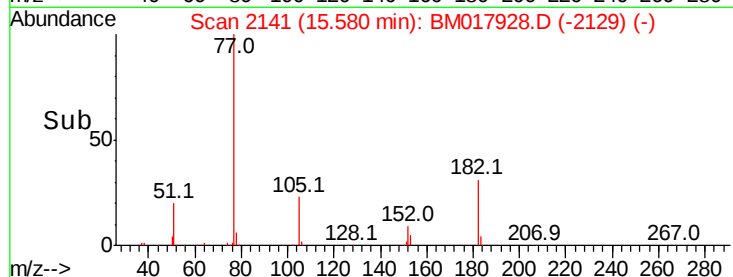


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

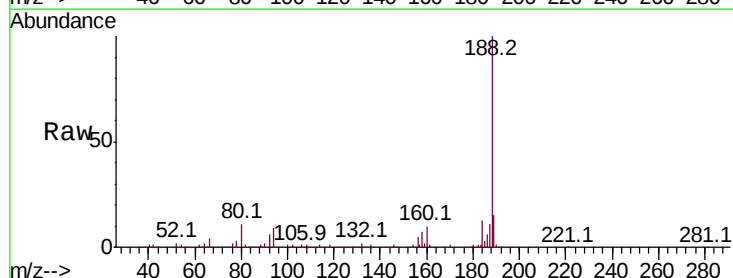
Tgt Ion: 188 Resp: 558003

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

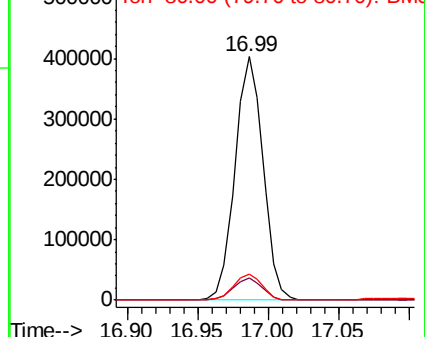
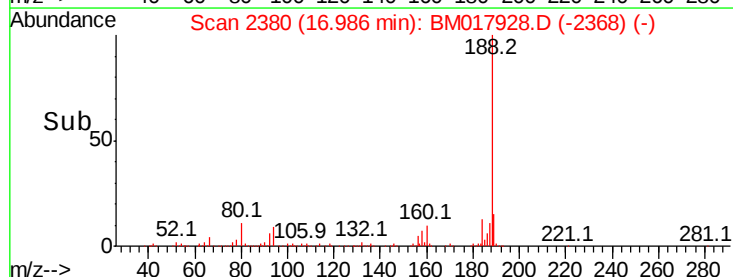
80 10.6 8.6 13.0

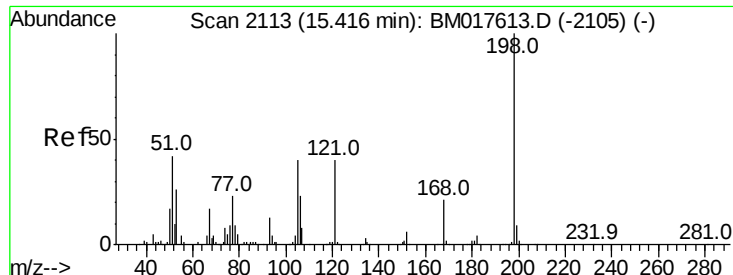


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

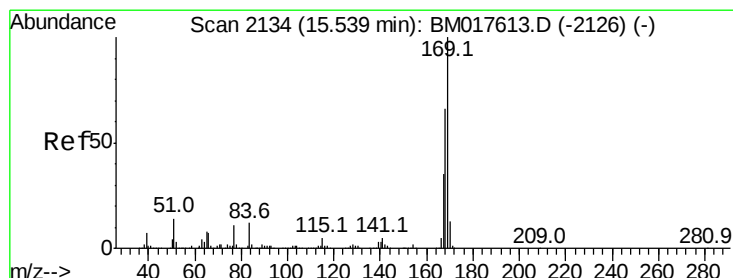
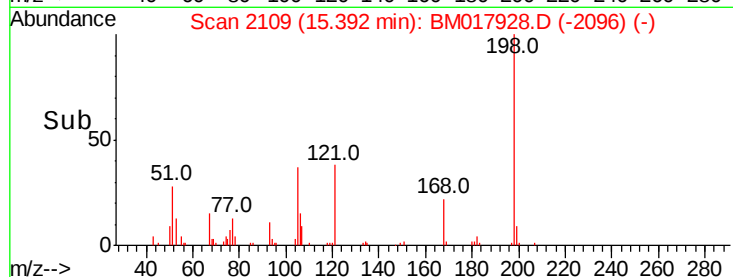
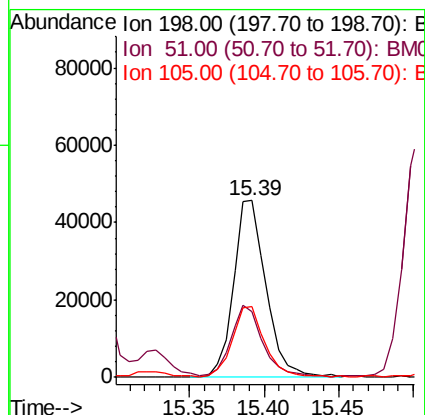
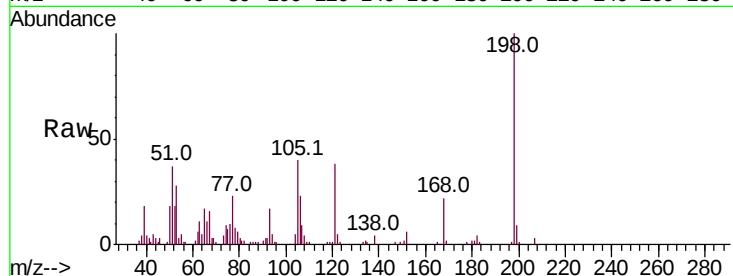




#65
4,6-Dinitro-2-methylphenol
Concen: 18.009 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.02 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

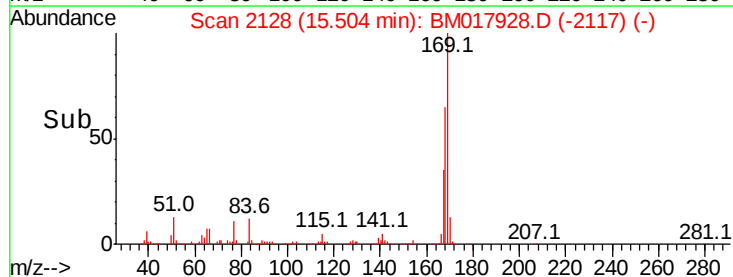
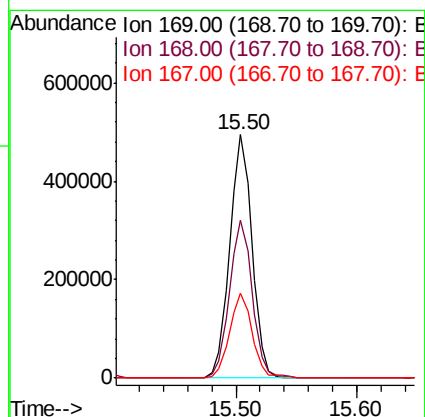
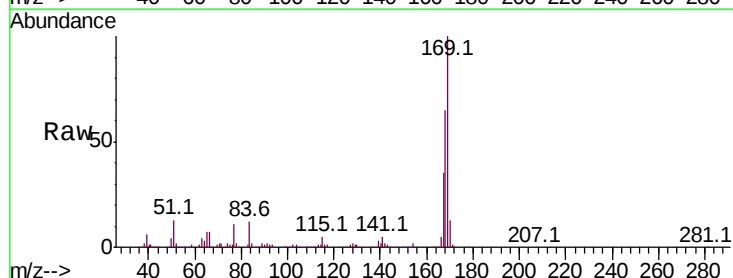
Instrument :
BNA_M
ClientSampleId :
PB115307BS

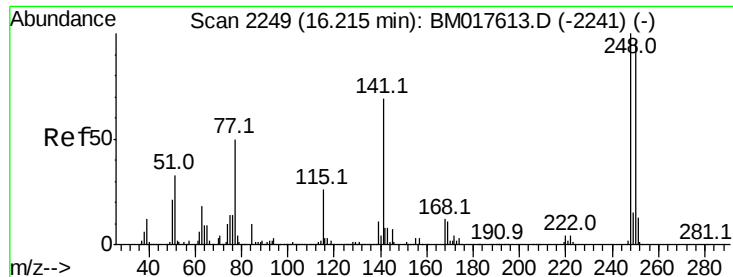
Tot Ion	Ratio	Lower	Upper
198	100		
51	37.3	25.9	65.9
105	40.3	20.6	60.6



#66
n-Nitrosodiphenylamine
Concen: 35.431 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.0	53.0	79.6
167	35.1	28.0	42.0

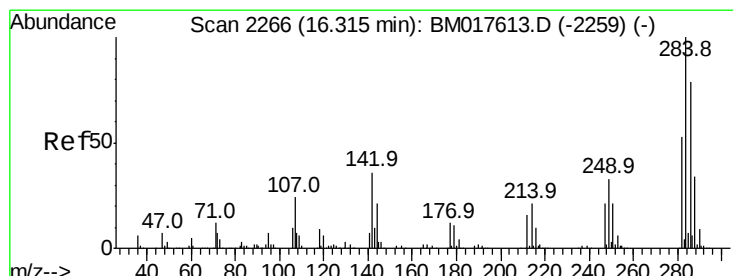
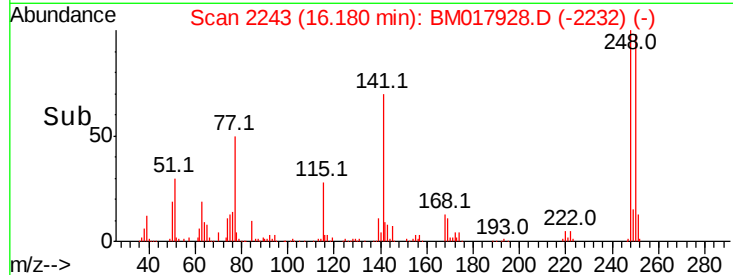
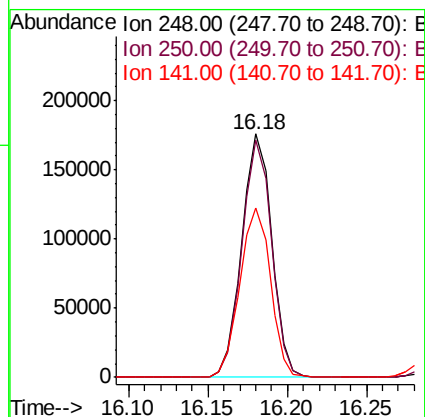
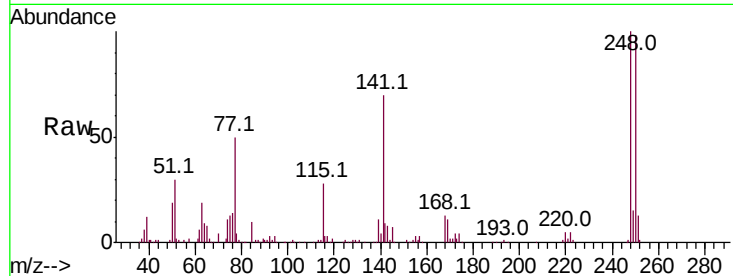




#67
4-Bromophenyl-phenylether
Concen: 35.132 ng
RT: 16.18 min Scan# 2243
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

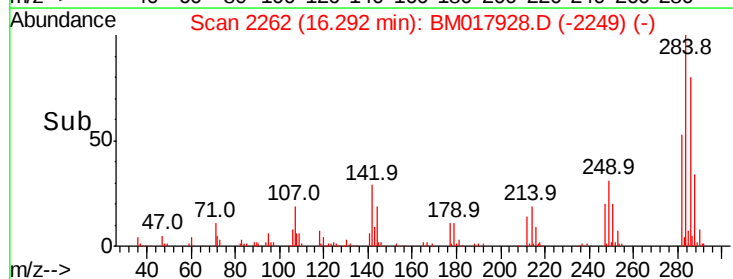
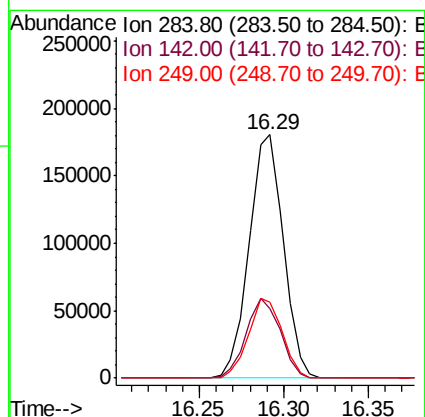
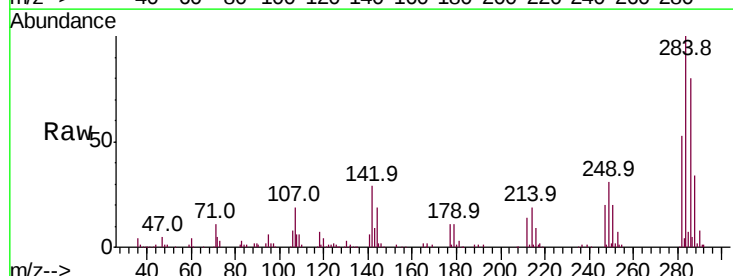
Instrument :
BNA_M
ClientSampleId :
PB115307BS

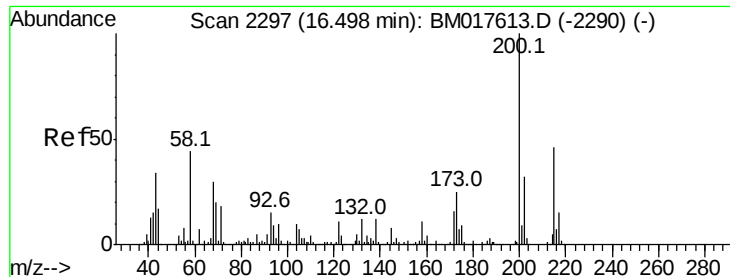
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.5	114.7
141	69.7	54.9	82.3



#68
Hexachlorobenzene
Concen: 34.246 ng
RT: 16.29 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	28.4	42.6
249	31.1	26.4	39.6





#69

Atrazine

Concen: 33.363 ng

RT: 16.47 min Scan# 2292

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

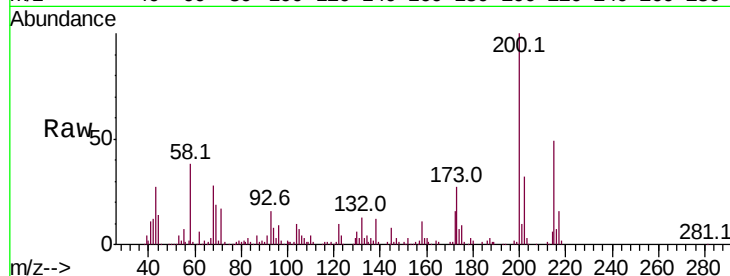
Tot Ion:200 Resp: 220147

Ion Ratio Lower Upper

200 100

173 27.5 5.1 45.1

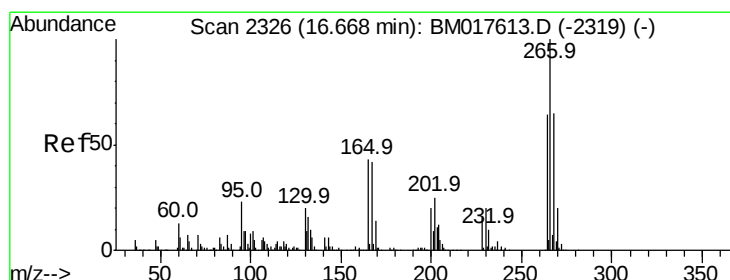
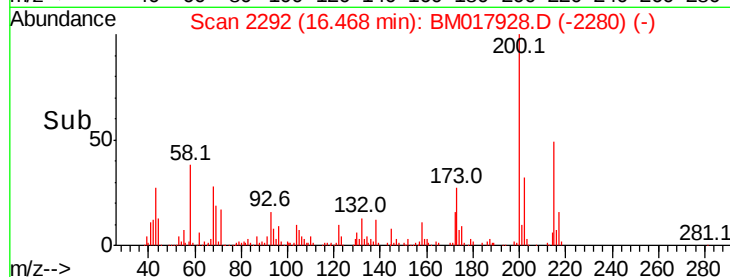
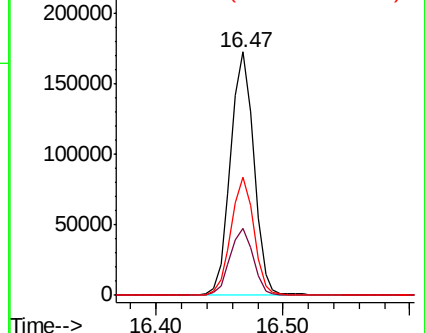
215 48.7 25.8 65.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 59.184 ng

RT: 16.64 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

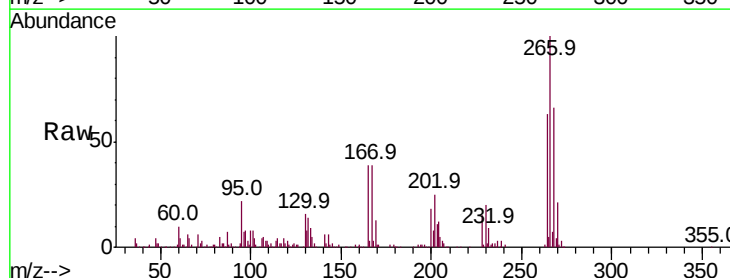
Tgt Ion:266 Resp: 308516

Ion Ratio Lower Upper

266 100

268 65.7 51.7 77.5

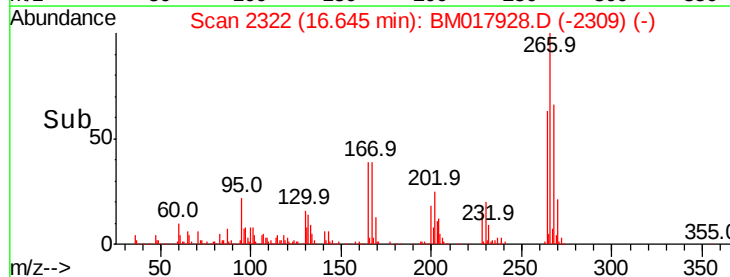
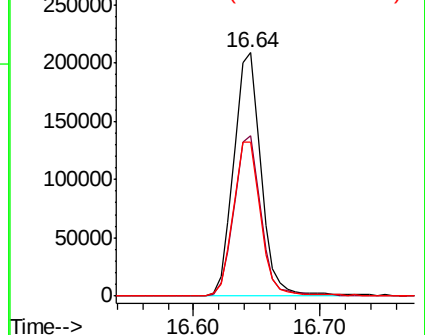
264 63.2 51.3 76.9

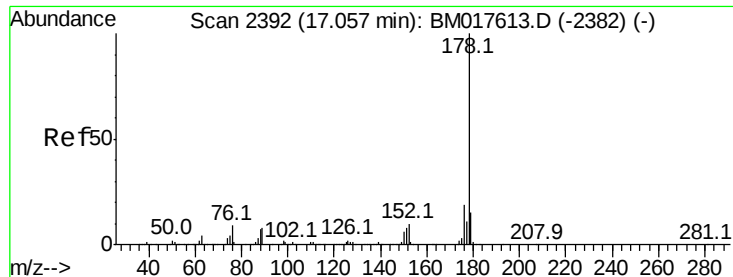


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

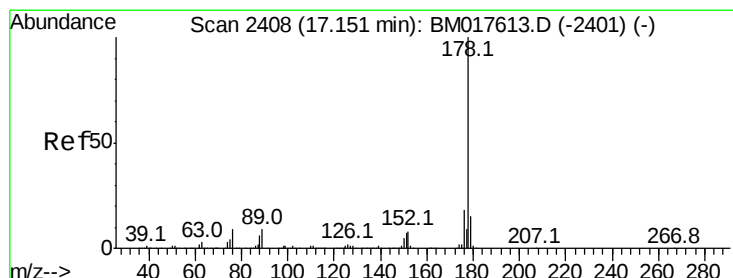
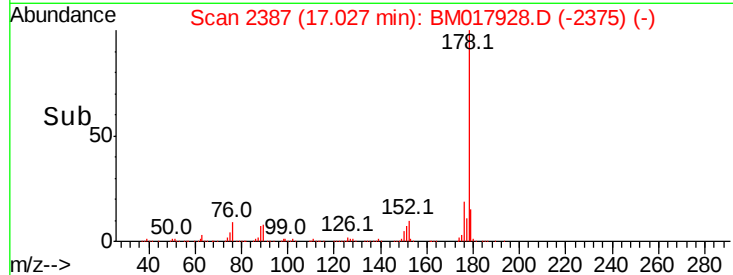
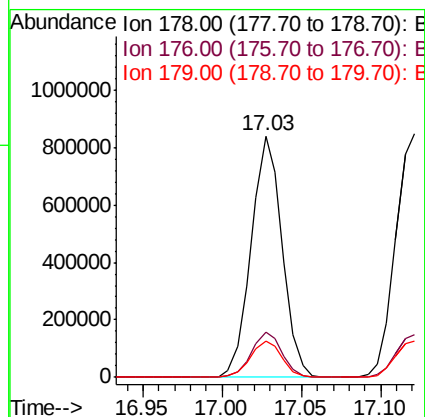
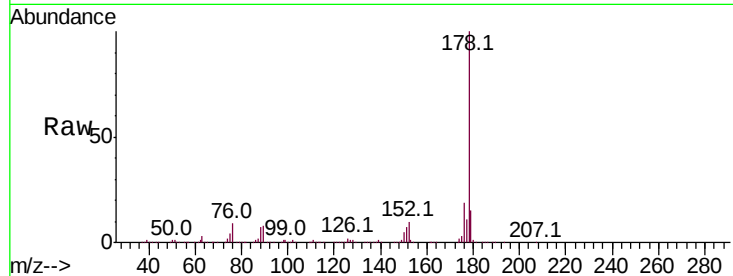




#71
Phenanthrene
Concen: 37.652 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

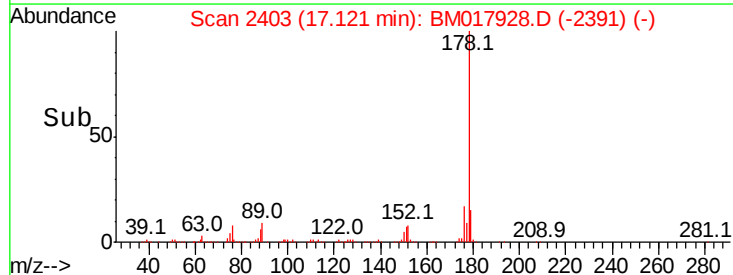
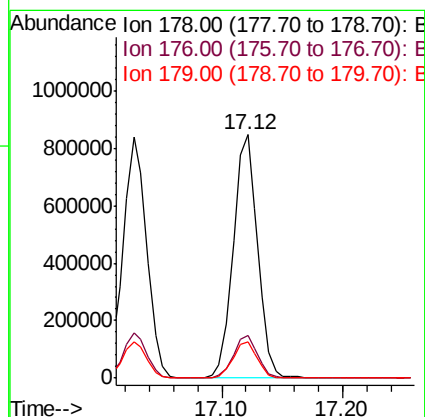
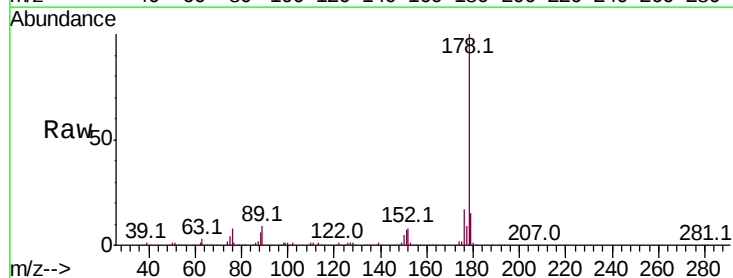
Instrument :
BNA_M
ClientSampleId :
PB115307BS

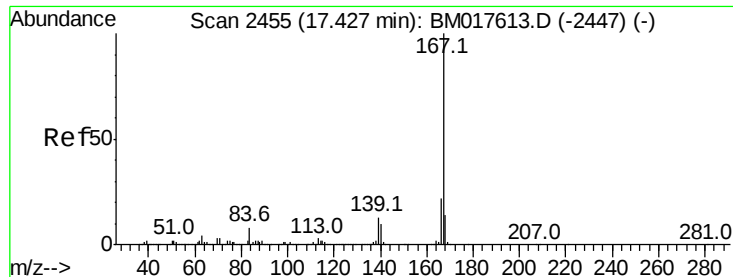
Tot Ion:178 Resp: 1140058
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.2 12.4 18.6



#72
Anthracene
Concen: 39.947 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion:178 Resp: 1176984
Ion Ratio Lower Upper
178 100
176 17.4 14.5 21.7
179 15.1 12.3 18.5

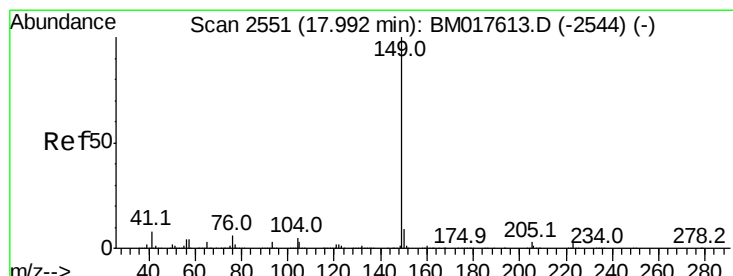
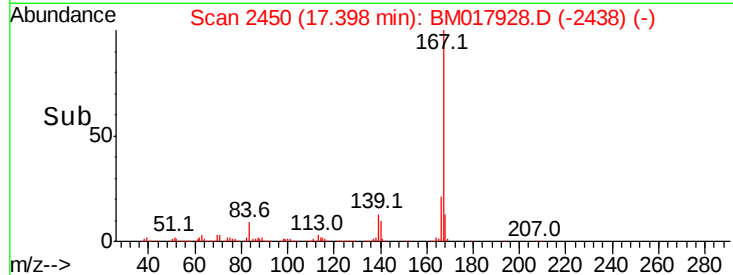
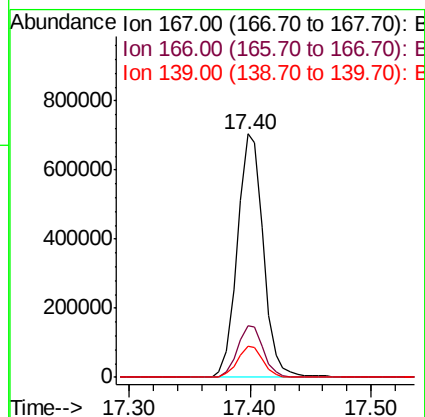
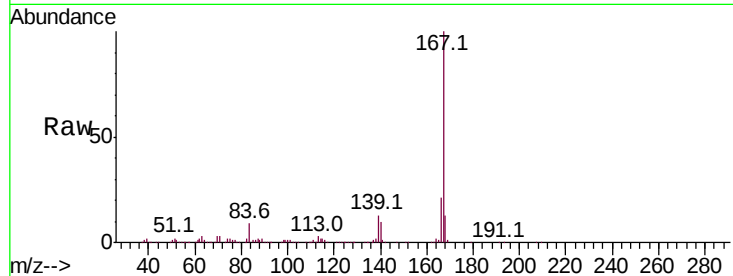




#73
 Carbazole
 Concen: 35.440 ng
 RT: 17.40 min Scan# 2450
 Delta R.T. -0.03 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

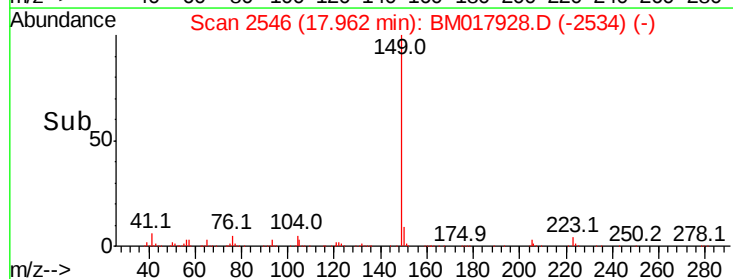
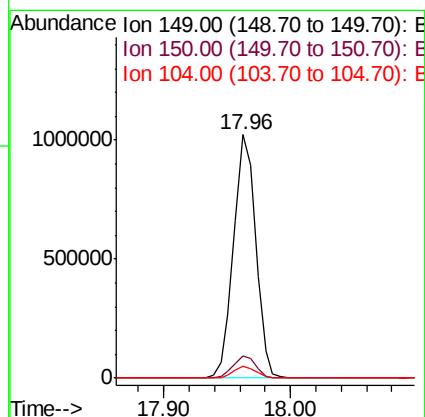
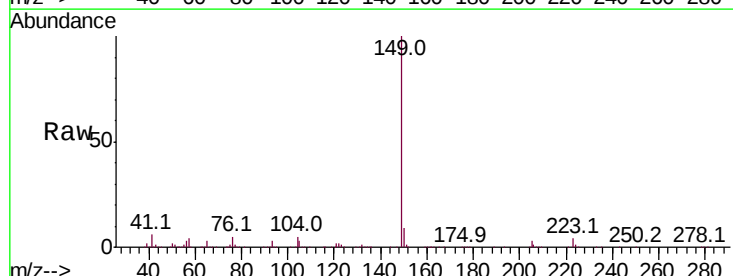
Instrument :
 BNA_M
 ClientSampleId :
 PB115307BS

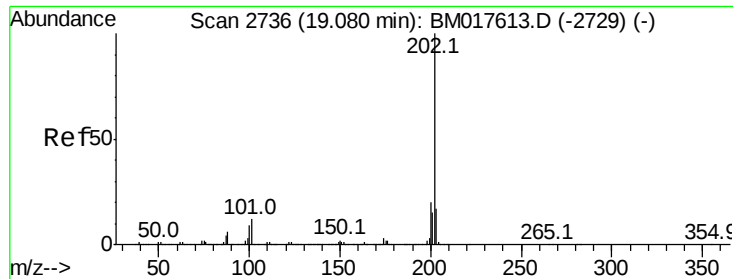
Tot Ion:167 Resp: 1055133
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.8 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 37.261 ng
 RT: 17.96 min Scan# 2546
 Delta R.T. -0.03 min
 Lab File: BM017928.D
 Acq: 05 Dec 2018 07:12

Tgt Ion:149 Resp: 1234939
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 38.766 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

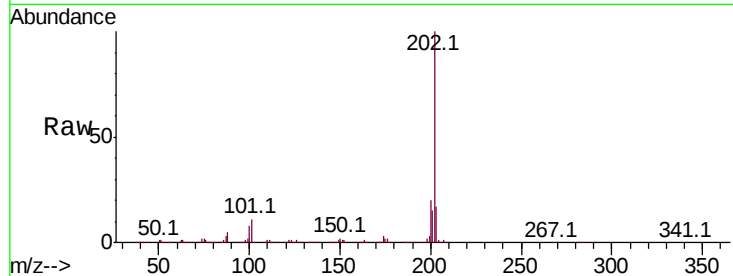
Tot Ion:202 Resp: 1328079

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.5

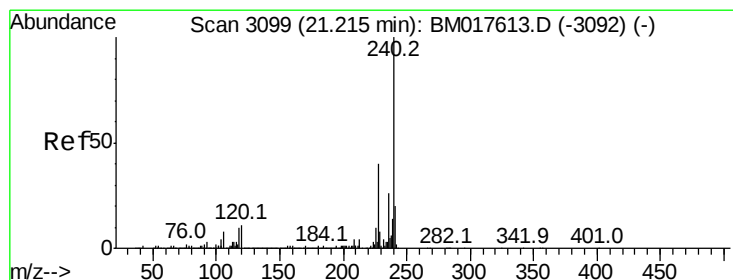
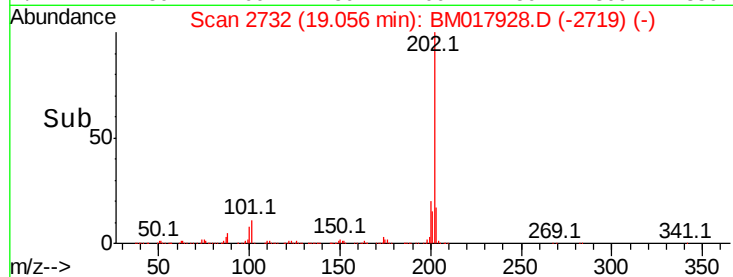
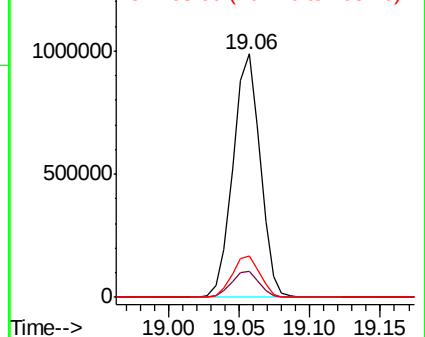
203 17.0 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

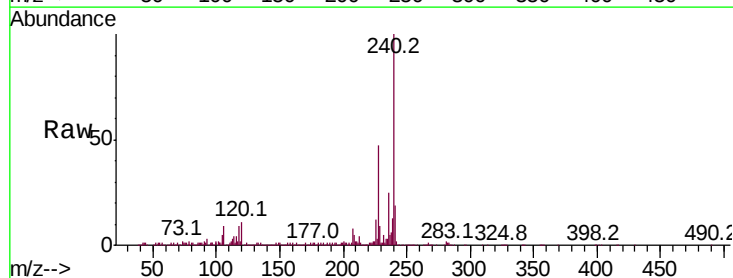
Tgt Ion:240 Resp: 612978

Ion Ratio Lower Upper

240 100

120 11.0 8.5 12.7

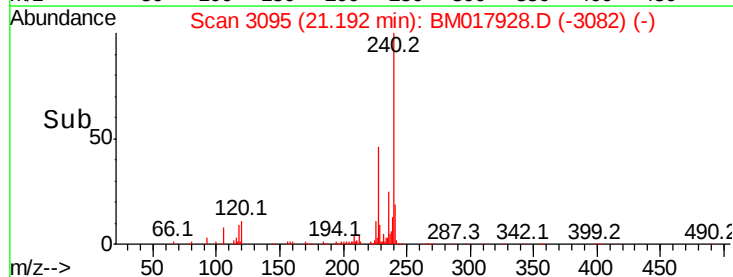
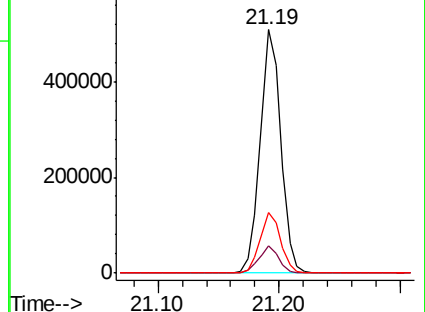
236 24.6 20.4 30.6

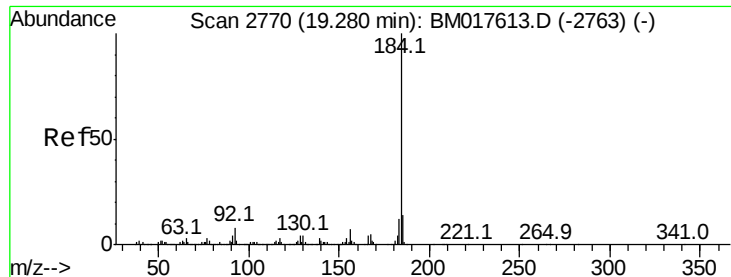


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 60.827 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

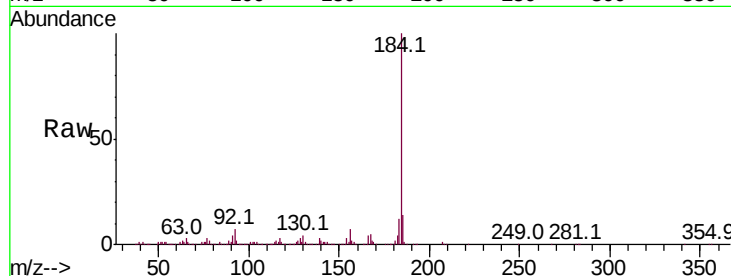
Tot Ion:184 Resp: 1214158

Ion Ratio Lower Upper

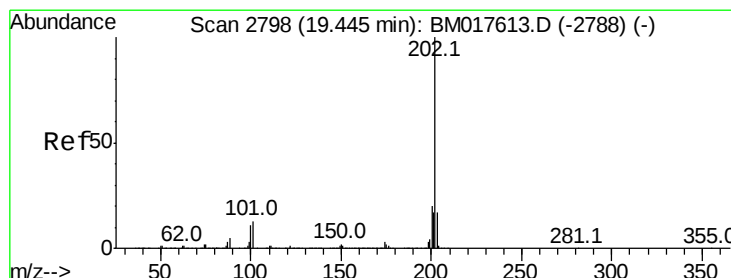
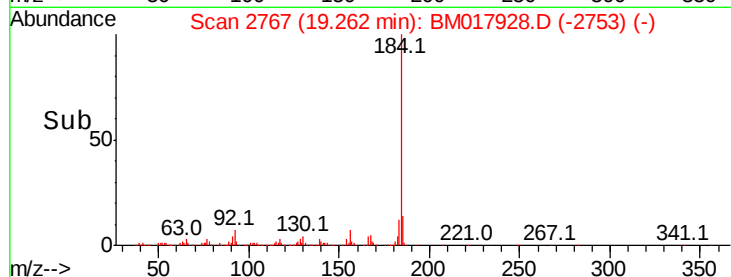
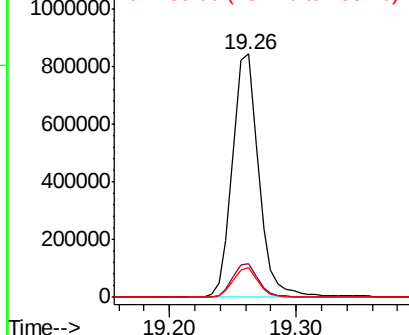
184 100

185 13.7 11.2 16.8

183 12.2 9.5 14.3



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



#78

Pyrene

Concen: 36.517 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

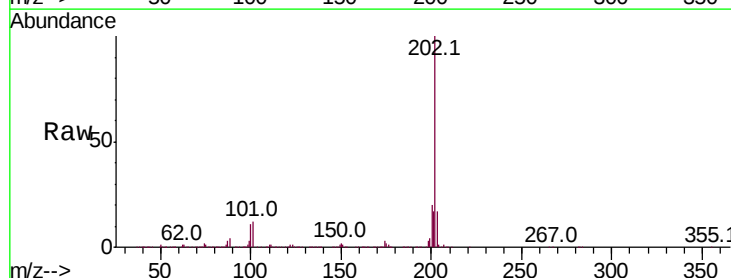
Tgt Ion:202 Resp: 1381117

Ion Ratio Lower Upper

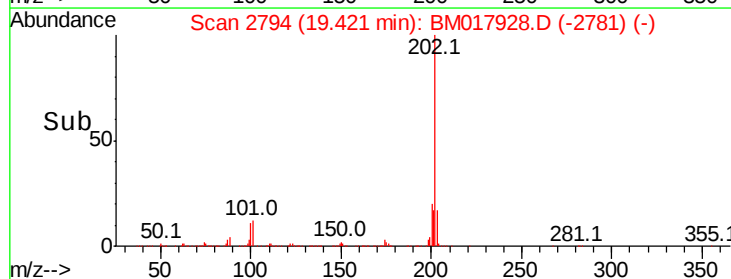
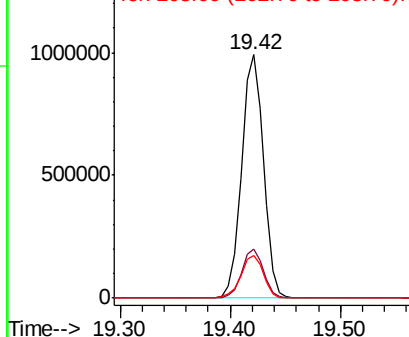
202 100

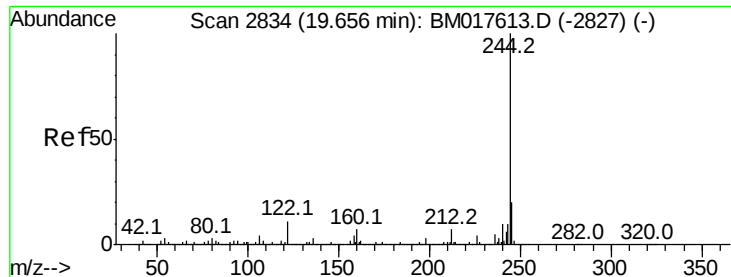
200 20.1 16.4 24.6

203 17.4 13.8 20.8



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





#79

Terphenyl-d14

Concen: 76.029 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

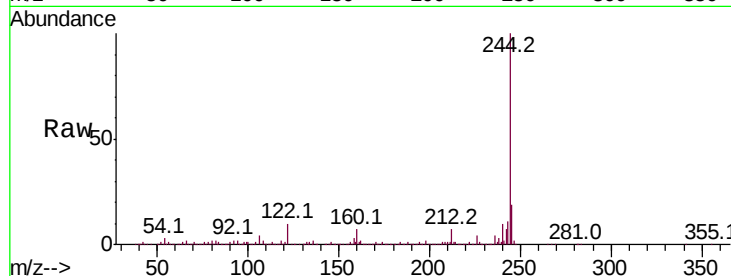
Tot Ion:244 Resp: 2056283

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

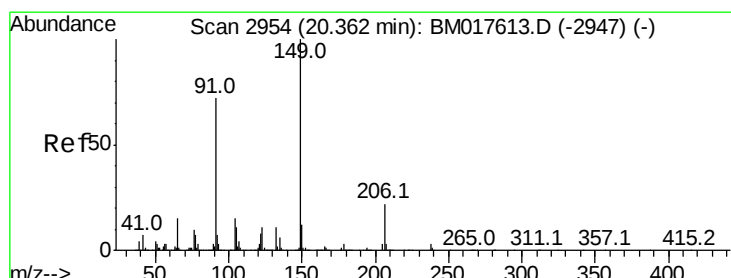
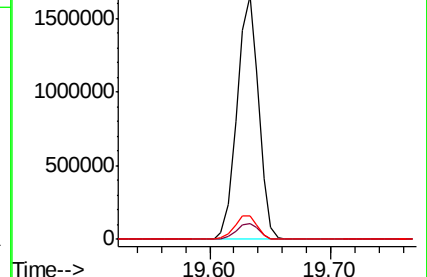
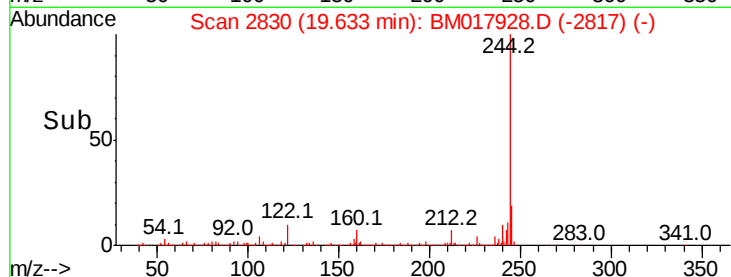
122 9.8 9.0 13.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.563 ng

RT: 20.33 min Scan# 2949

Delta R.T. -0.03 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

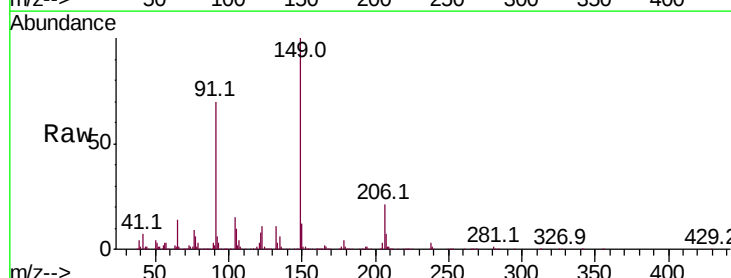
Tgt Ion:149 Resp: 577018

Ion Ratio Lower Upper

149 100

91 70.0 57.6 86.4

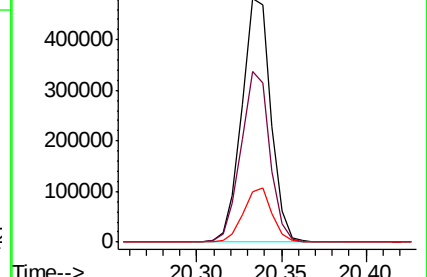
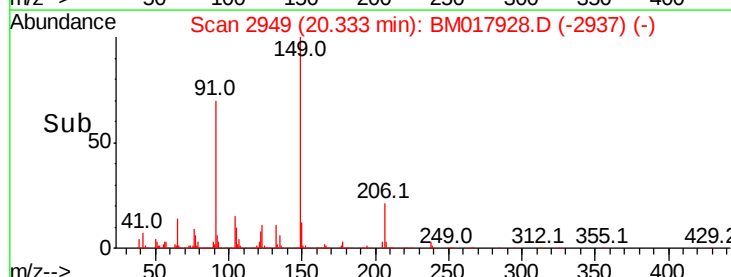
206 20.7 17.4 26.0

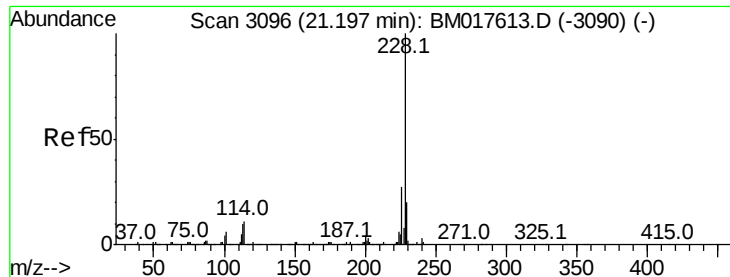


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.875 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

BNA_M

ClientSampleId :

PB115307BS

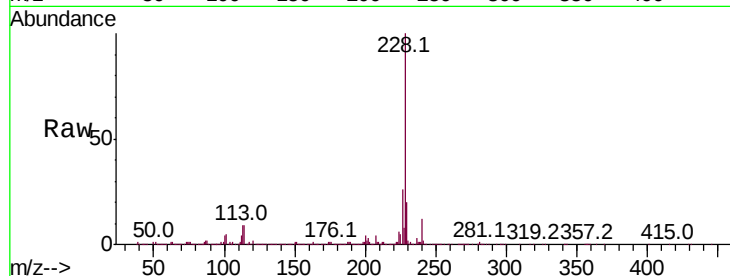
Tot Ion:228 Resp: 1337536

Ion Ratio Lower Upper

228 100

226 25.8 21.3 31.9

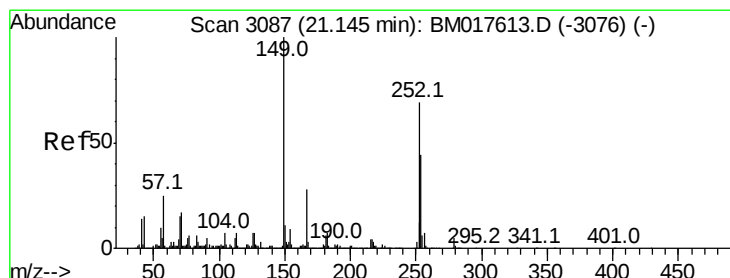
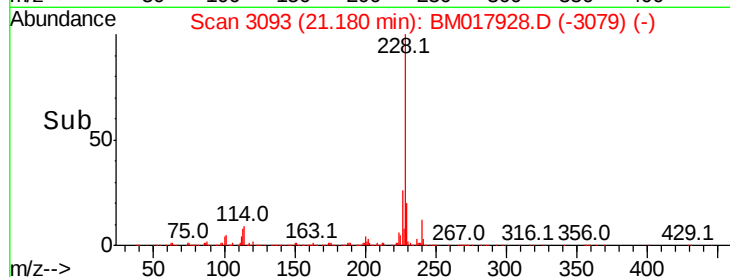
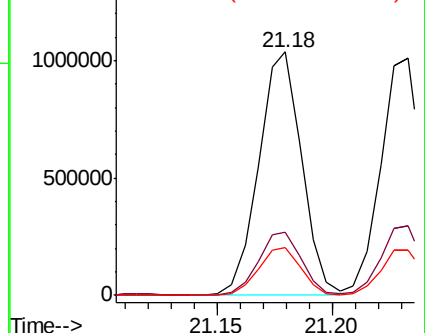
229 19.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.896 ng

RT: 21.12 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

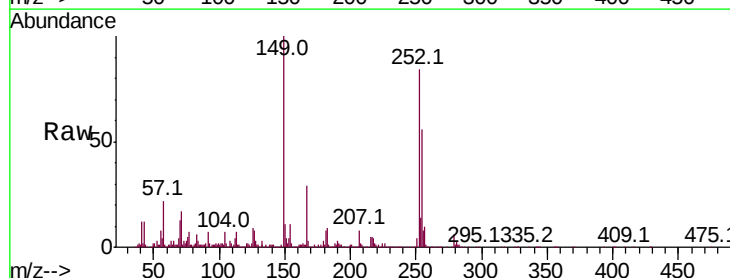
Tgt Ion:252 Resp: 516507

Ion Ratio Lower Upper

252 100

254 66.5 51.4 77.2

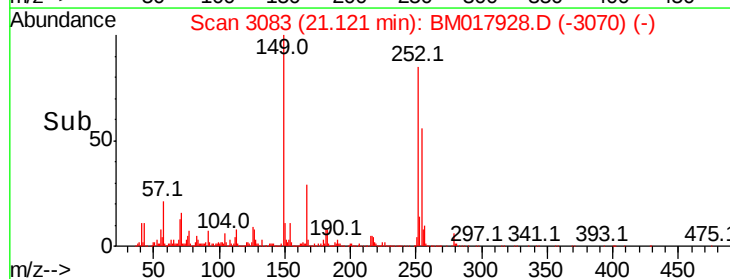
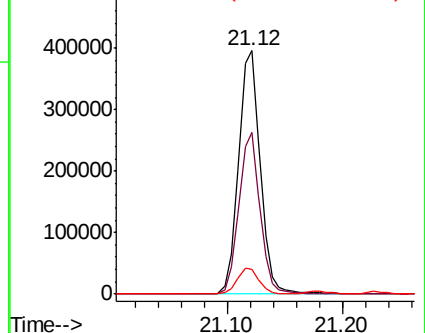
126 10.4 8.0 12.0

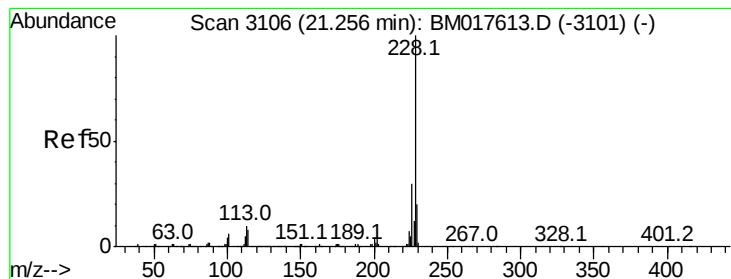


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.139 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

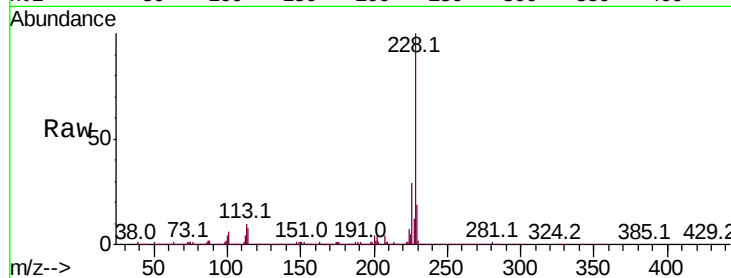
BNA_M

ClientSampleId :

PB115307BS

Tot Ion:228 Resp: 1273857

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	19.3	15.8	23.6

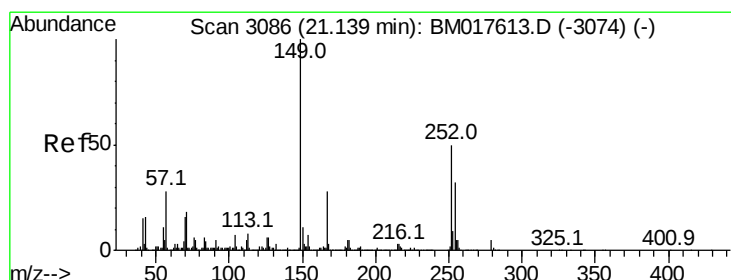
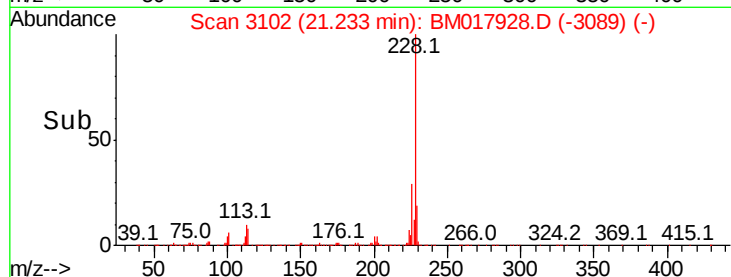
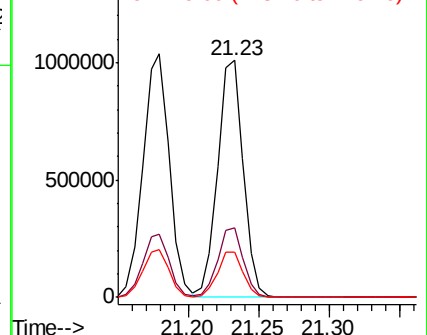


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.317 ng

RT: 21.12 min Scan# 3082

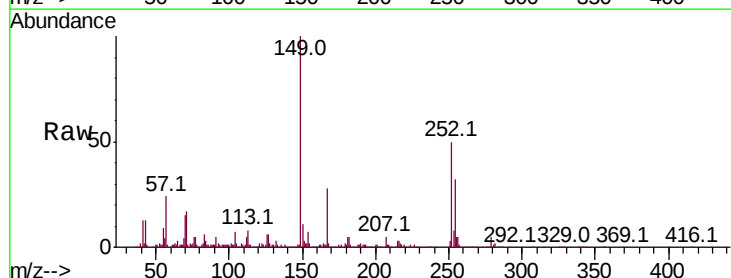
Delta R.T. -0.02 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Tgt Ion:149 Resp: 824728

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.9	3.7	5.5

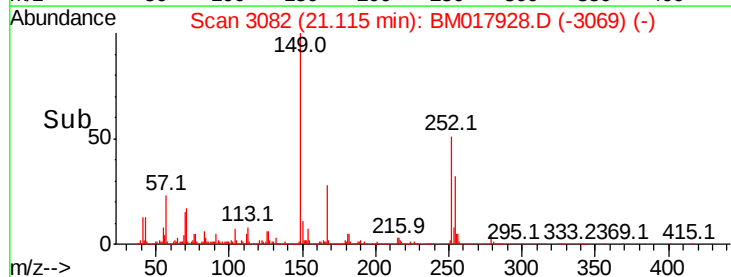
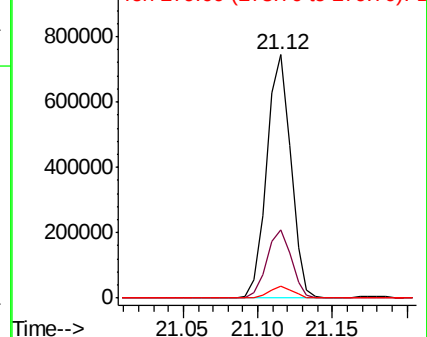


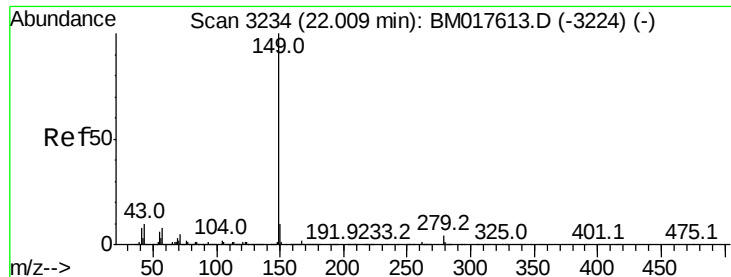
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

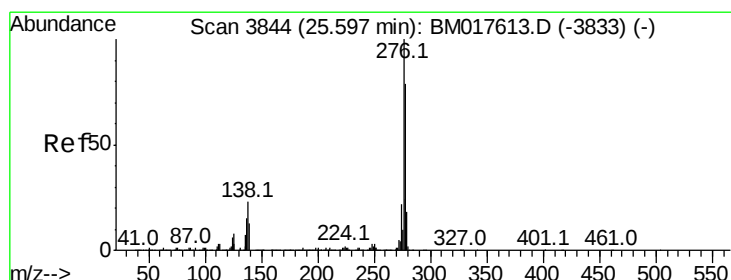
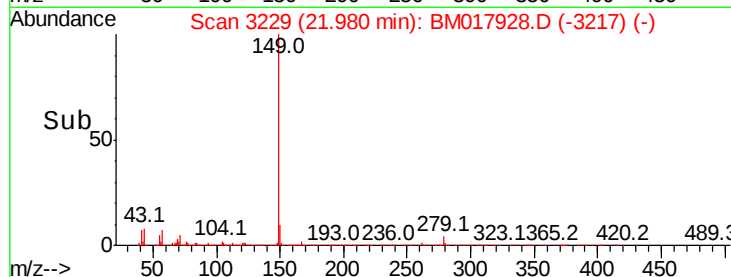
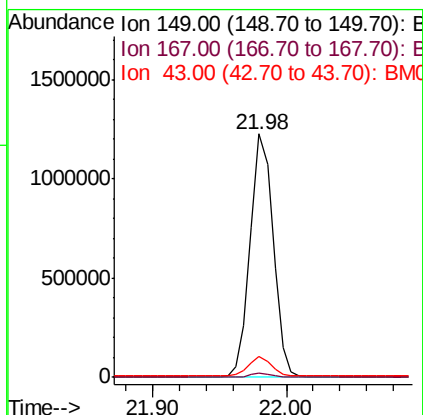
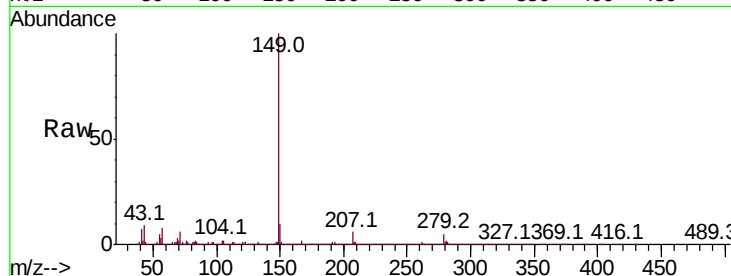




#85
Di-n-octyl phthalate
Concen: 39.873 ng
RT: 21.98 min Scan# 3229
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

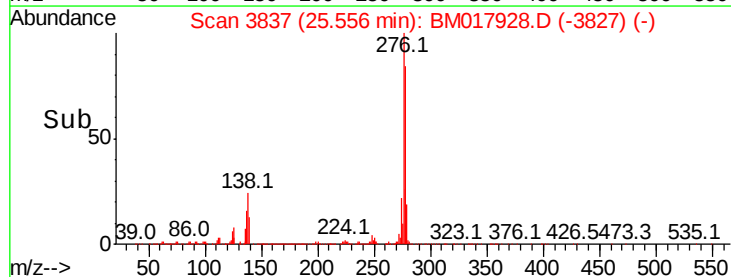
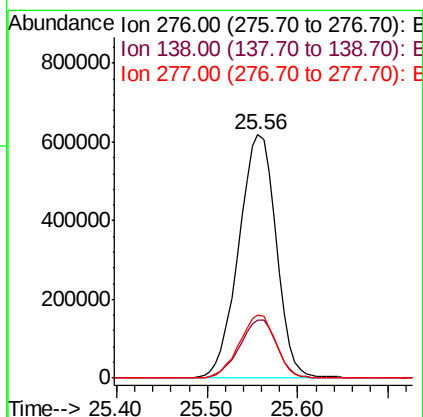
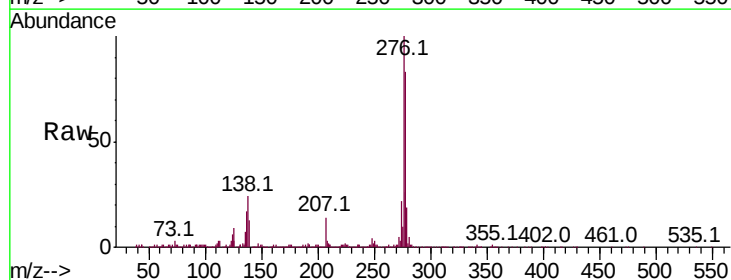
Instrument :
BNA_M
ClientSampleId :
PB115307BS

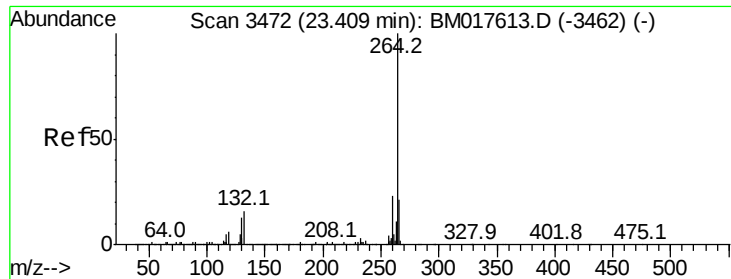
Tot Ion:149 Resp: 1449936
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.1 8.3 12.5#



#86
Indeno(1,2,3-cd)pyrene
Concen: 64.657 ng
RT: 25.56 min Scan# 3837
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion:276 Resp: 1772202
Ion Ratio Lower Upper
276 100
138 23.8 19.1 28.7
277 25.3 20.0 30.0

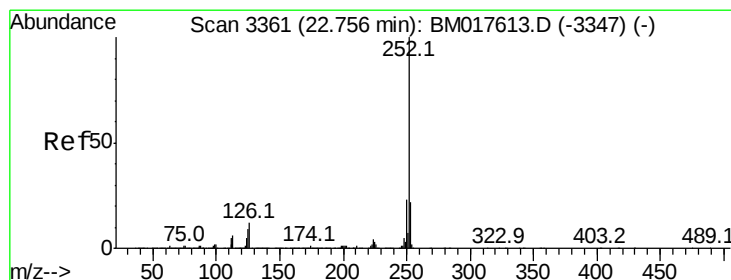
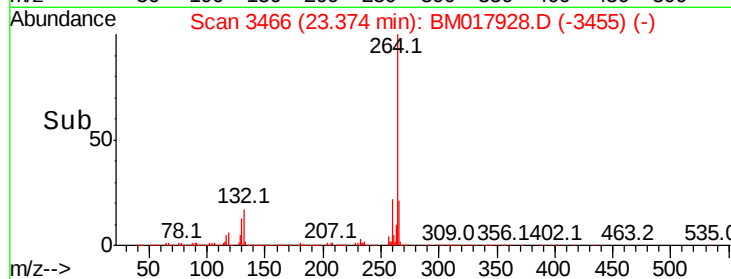
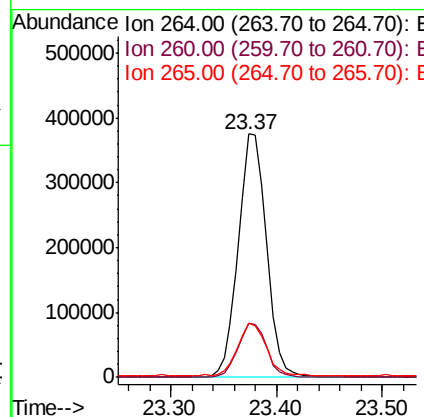
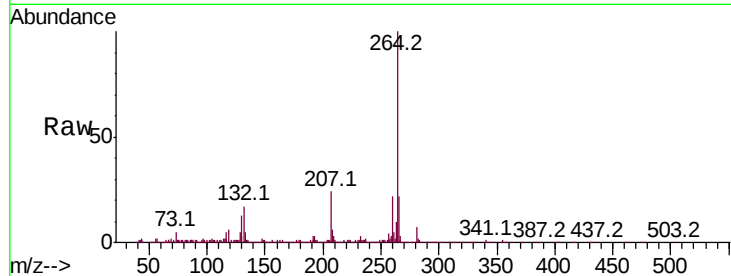




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.04 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

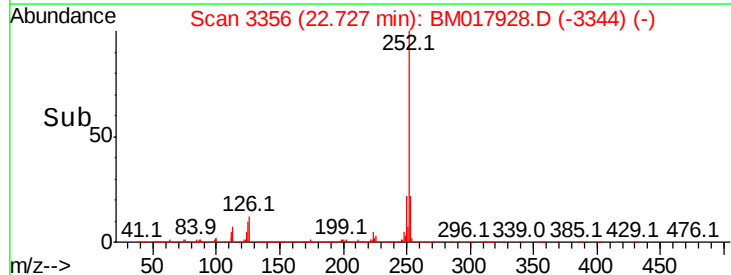
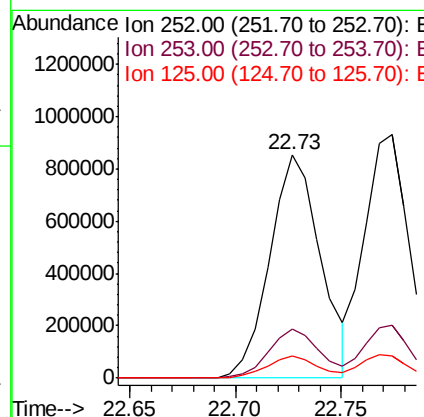
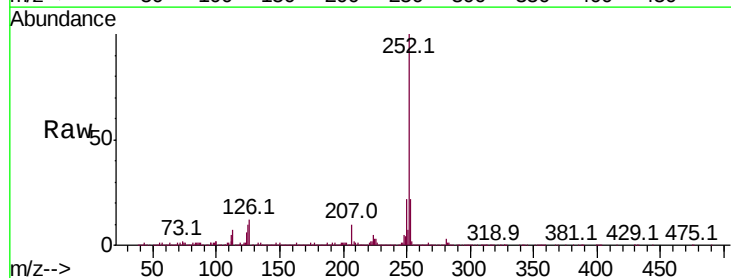
Instrument :
BNA_M
ClientSampleId :
PB115307BS

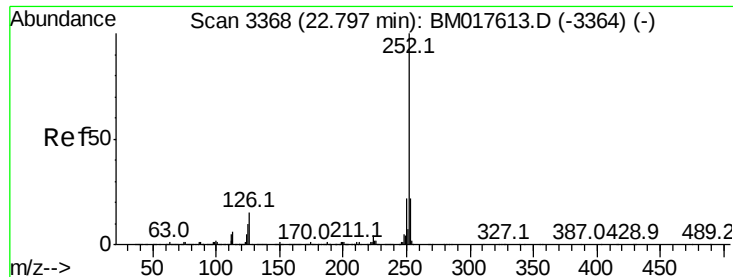
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.2
265	22.1	17.5	26.3



#88
Benzo(b)fluoranthene
Concen: 35.055 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	10.0	7.6	11.4

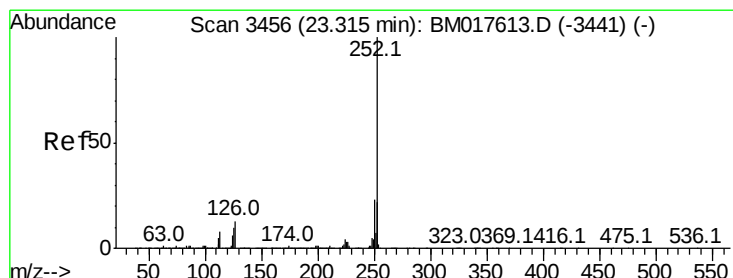
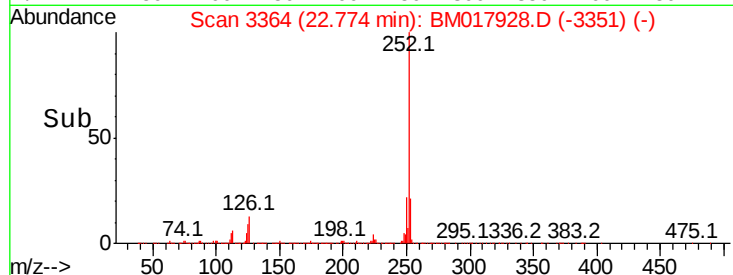
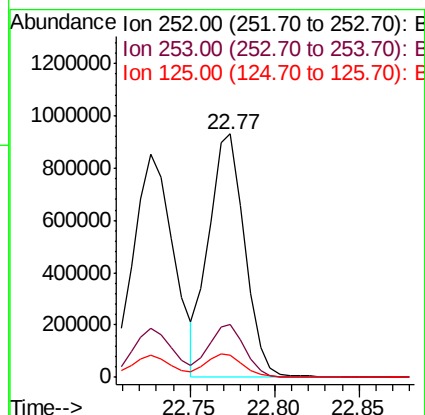
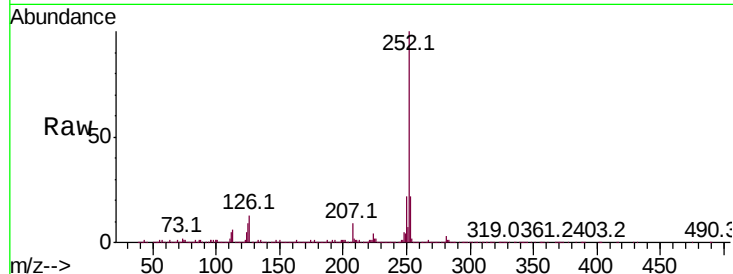




#89
Benzo(k)fluoranthene
Concen: 33.473 ng
RT: 22.77 min Scan# 3364
Delta R.T. -0.02 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

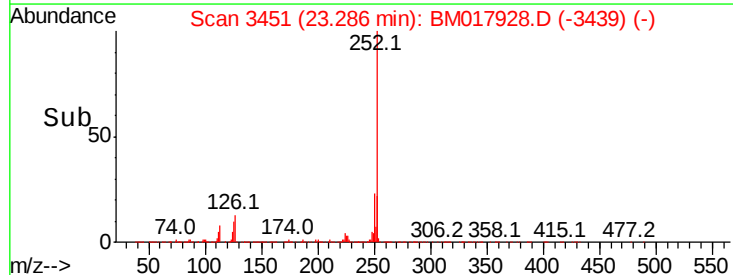
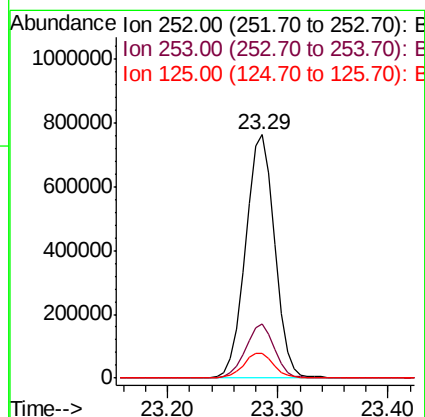
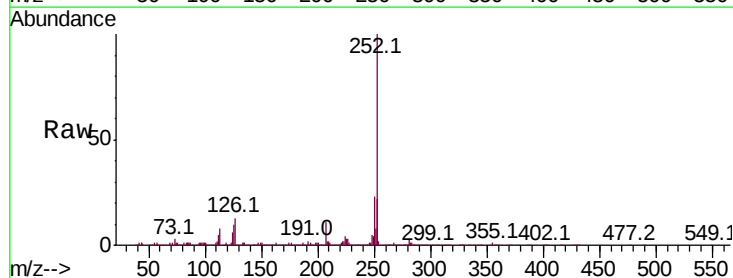
Instrument :
BNA_M
ClientSampleId :
PB115307BS

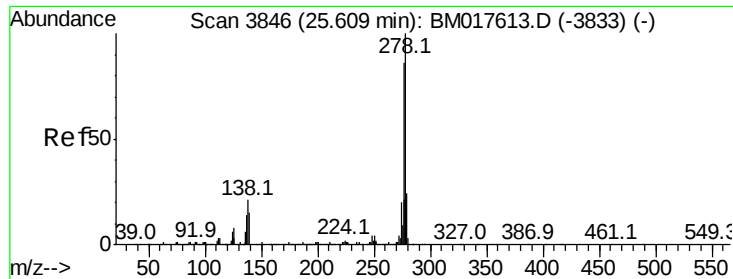
Tot Ion:252 Resp: 1375006
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.3 7.9 11.9



#90
Benzo(a)pyrene
Concen: 38.143 ng
RT: 23.29 min Scan# 3451
Delta R.T. -0.03 min
Lab File: BM017928.D
Acq: 05 Dec 2018 07:12

Tgt Ion:252 Resp: 1413466
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.3 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 48.228 ng

RT: 25.57 min Scan# 3839

Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Instrument :

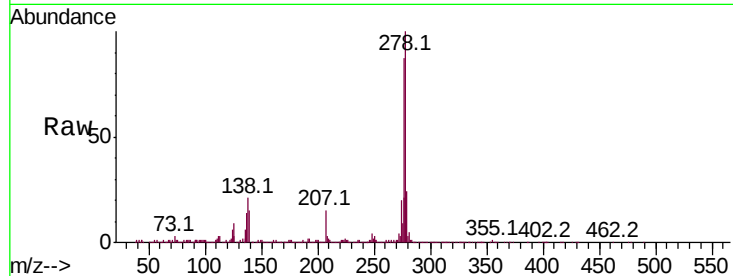
BNA_M

ClientSampleId :

PB115307BS

Tot Ion:278 Resp: 1502503

Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.8	17.6
279	23.6	19.0	28.6

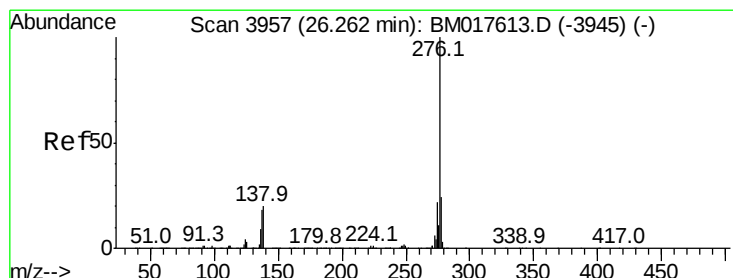
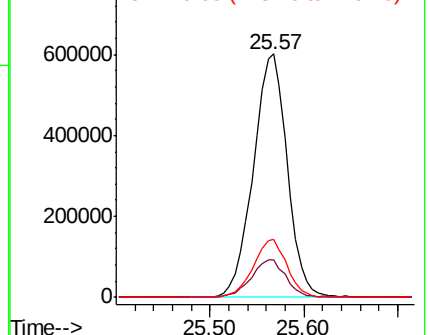
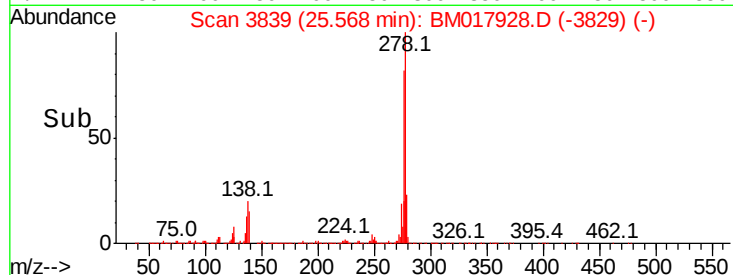


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.418 ng

RT: 26.22 min Scan# 3950

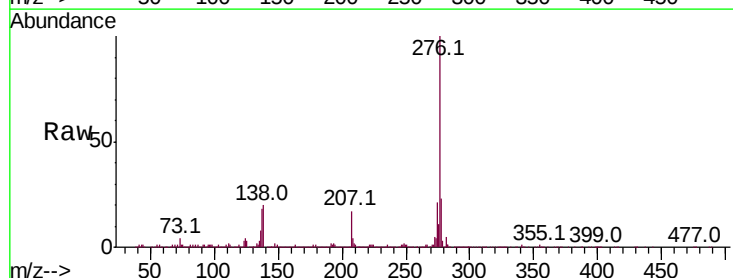
Delta R.T. -0.04 min

Lab File: BM017928.D

Acq: 05 Dec 2018 07:12

Tgt Ion:276 Resp: 1506369

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.4	15.9	23.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

