

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017929.D
 Acq On : 05 Dec 2018 07:48
 Operator : JU/SJ
 Sample : PB115307BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 05 10:06:33 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	108254	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	425798	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	224402	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	474032	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	529195	20.00	ng	-0.02
87) Perylene-d12	23.37	264	592914	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	583627	90.99	ng	-0.03
7) Phenol-d6	6.77	99	766638	85.57	ng	-0.04
23) Nitrobenzene-d5	8.73	82	684705	83.02	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	290885	90.22	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	1601433	92.58	ng	-0.04
79) Terphenyl-d14	19.63	244	2131624	91.29	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	92491	34.621	ng	# 88
3) Pyridine	3.59	79	278344	35.520	ng	# 84
4) n-Nitrosodimethylamine	3.50	42	119944	34.747	ng	82
6) Aniline	6.92	93	157875	14.211	ng	99
8) 2-Chlorophenol	7.15	128	319226	41.584	ng	92
9) Benzaldehyde	6.74	77	143172	21.938	ng	93
10) Phenol	6.80	94	377206	40.114	ng	94
11) bis(2-Chloroethyl)ether	7.02	93	276799	37.288	ng	93
12) 1,3-Dichlorobenzene	7.47	146	336143	39.028	ng	95
13) 1,4-Dichlorobenzene	7.62	146	340899	38.615	ng	97
14) 1,2-Dichlorobenzene	7.92	146	336233	39.279	ng	100
15) Benzyl Alcohol	7.83	79	249455	34.964	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.10	45	318792	28.206	ng	92
17) 2-Methylphenol	8.03	107	251495	39.701	ng	96
18) Hexachloroethane	8.63	117	111330	35.781	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	219652	34.146	ng	90
20) 3+4-Methylphenols	8.36	107	335755	38.148	ng	95
22) Acetophenone	8.40	105	438558	41.268	ng	# 93
24) Nitrobenzene	8.77	77	325473	38.894	ng	98
25) Isophorone	9.30	82	579037	45.454	ng	98
26) 2-Nitrophenol	9.48	139	146335	37.964	ng	94
27) 2,4-Dimethylphenol	9.55	122	275547	49.602	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	361362	41.883	ng	98
29) 2,4-Dichlorophenol	10.01	162	276850	42.932	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	303659	40.487	ng	97
31) Naphthalene	10.40	128	930823	44.462	ng	100
32) Benzoic acid	9.70	122	178761	35.524	ng	97
33) 4-Chloroaniline	10.53	127	78830	8.598	ng	99
34) Hexachlorobutadiene	10.67	225	187463	40.261	ng	98
35) Caprolactam	11.32	113	84110	35.418	ng	# 80
36) 4-Chloro-3-methylphenol	11.66	107	294207	39.516	ng	98
37) 2-Methylnaphthalene	12.02	142	668076	45.152	ng	98
38) 1-Methylnaphthalene	12.24	142	639646	44.090	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	330989	41.828	ng	100

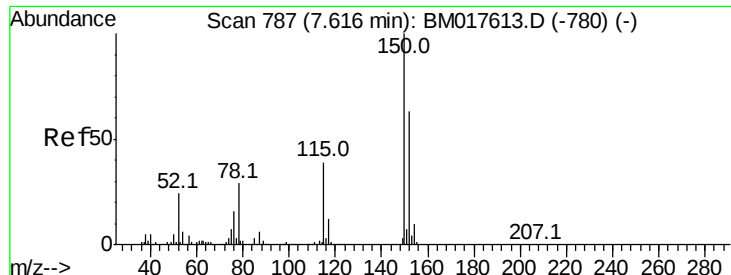
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	231917	56.718	ng	98
43) 2,4,6-Trichlorophenol	12.65	196	217901	43.963	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	226057	43.195	ng	97
46) 1,1'-Biphenyl	13.05	154	811020	40.264	ng	99
47) 2-Chloronaphthalene	13.09	162	633218	42.354	ng	98
48) 2-Nitroaniline	13.32	65	185334	40.084	ng	94
49) Acenaphthylene	13.94	152	1026116	45.681	ng	100
50) Dimethylphthalate	13.70	163	751519	41.191	ng	99
51) 2,6-Dinitrotoluene	13.82	165	153170	37.702	ng	95
52) Acenaphthene	14.29	154	591943	42.940	ng	99
53) 3-Nitroaniline	14.16	138	86645	19.589	ng	# 93
54) 2,4-Dinitrophenol	14.37	184	98547	43.317	ng	95
55) Dibenzofuran	14.63	168	941197	41.778	ng	98
56) 4-Nitrophenol	14.48	139	267220	72.376	ng	96
57) 2,4-Dinitrotoluene	14.62	165	210375	38.415	ng	99
58) Fluorene	15.29	166	761288	44.141	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	210934	43.821	ng	99
60) Diethylphthalate	15.07	149	755860	38.343	ng	100
61) 4-Chlorophenyl-phenylether	15.29	204	382582	39.044	ng	98
62) 4-Nitroaniline	15.33	138	167640	40.215	ng	93
63) Azobenzene	15.58	77	696770	38.235	ng	94
65) 4,6-Dinitro-2-methylphenol	15.39	198	69885	21.281	ng	92
66) n-Nitrosodiphenylamine	15.50	169	660985	43.370	ng	99
67) 4-Bromophenyl-phenylether	16.18	248	236661	42.213	ng	96
68) Hexachlorobenzene	16.29	284	261520	41.379	ng	95
69) Atrazine	16.47	200	225738	40.270	ng	98
70) Pentachlorophenol	16.64	266	320740	72.428	ng	99
71) Phenanthrene	17.03	178	1182718	45.981	ng	99
72) Anthracene	17.12	178	1208307	48.275	ng	99
73) Carbazole	17.40	167	1088174	43.024	ng	99
74) Di-n-butylphthalate	17.96	149	1278013	45.392	ng	99
75) Fluoranthene	19.06	202	1372389	47.155	ng	99
77) Benzidine	19.26	184	1235151	71.675	ng	100
78) Pyrene	19.42	202	1415670	43.356	ng	100
80) Butylbenzylphthalate	20.33	149	595859	44.930	ng	99
81) Benzo(a)anthracene	21.18	228	1397660	45.843	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	529178	44.973	ng	100
83) Chrysene	21.23	228	1308881	44.201	ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	861186	43.926	ng	99
85) Di-n-octyl phthalate	21.98	149	1499895	47.778	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.56	276	1805328	76.294	ng	100
88) Benzo(b)fluoranthene	22.73	252	1486879	42.821	ng	99
89) Benzo(k)fluoranthene	22.77	252	1395526	39.763	ng	100
90) Benzo(a)pyrene	23.29	252	1451365	45.842	ng	99
91) Dibenzo(a,h)anthracene	25.56	278	1527507	57.389	ng	99
92) Benzo(g,h,i)perylene	26.22	276	1523409	60.864	ng	99

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

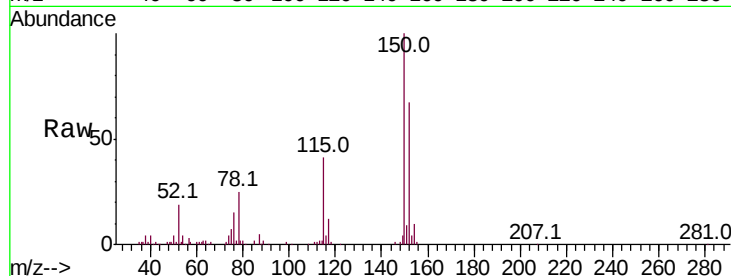


#1

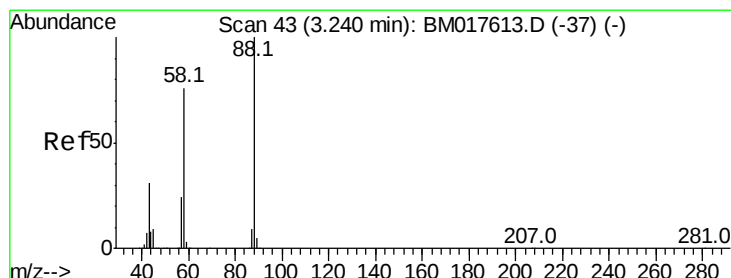
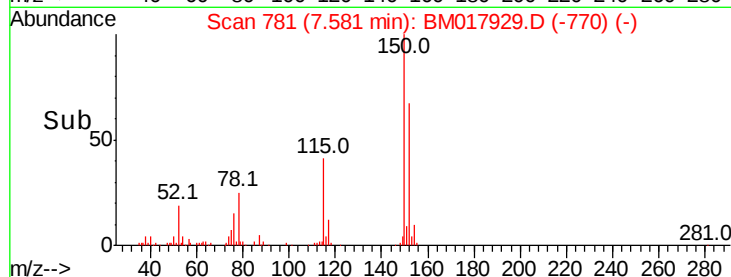
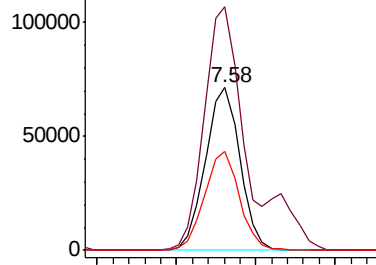
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	126.4	189.6
115	61.1	49.4	74.0



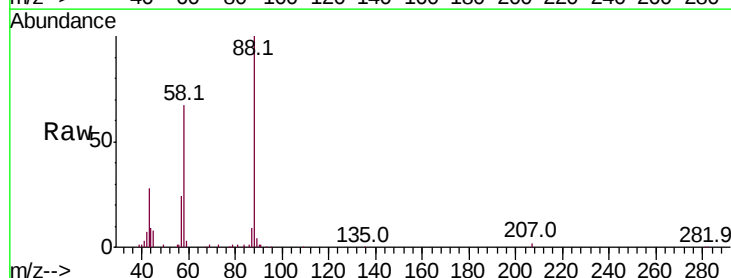
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



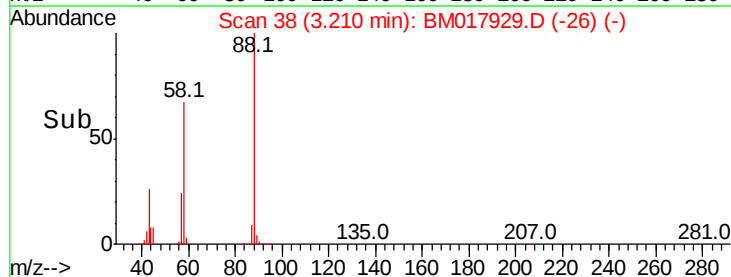
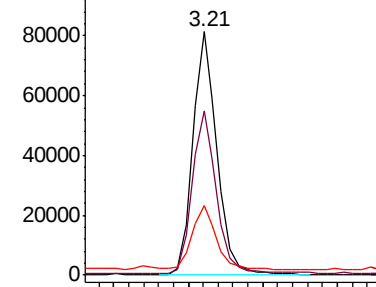
#2

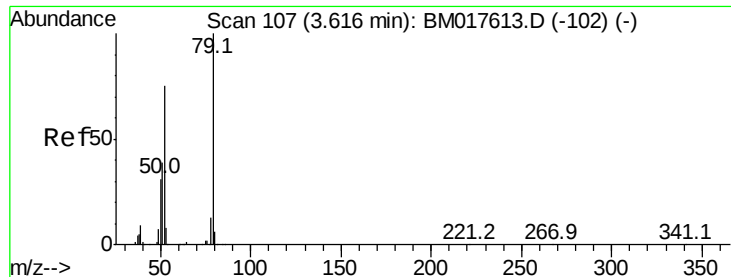
1,4-Dioxane
Concen: 34.621 ng
RT: 3.21 min Scan# 38
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	62.0	93.0
43	26.5	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: 35.520 ng

RT: 3.59 min Scan# 102

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampled :

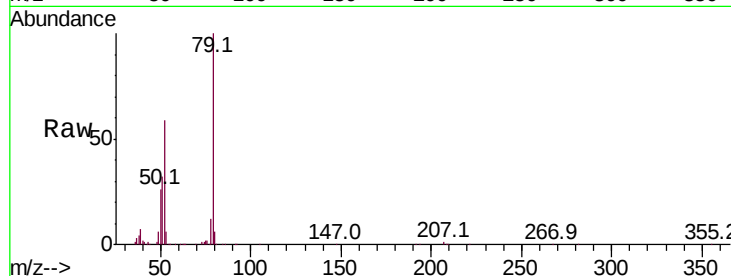
Tot Ion: 79 Resp: 278344

Ion Ratio Lower Upper

79 100

52 59.1 60.1 90.1#

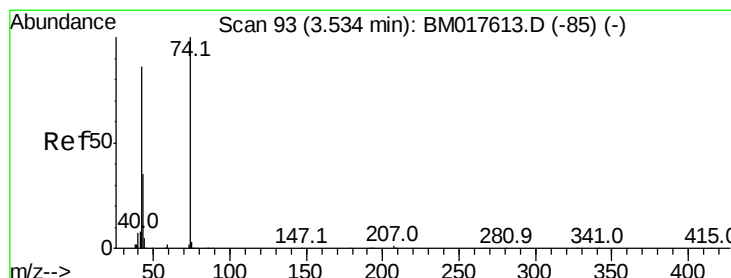
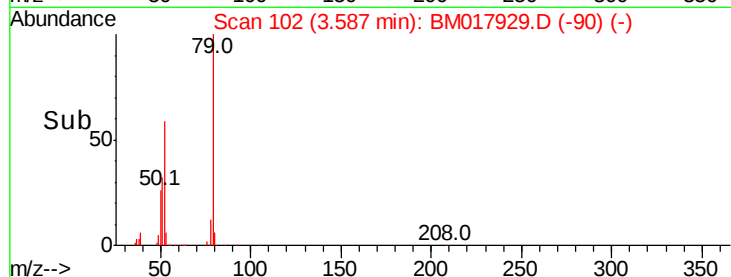
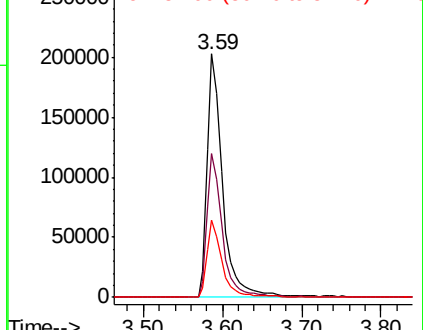
51 32.0 31.1 46.7



Abundance Ion 79.00 (78.70 to 79.70): BM017613.D (-102) (-)

Ion 52.00 (51.70 to 52.70): BM017613.D (-102) (-)

Ion 51.00 (50.70 to 51.70): BM017613.D (-102) (-)



#4

n-Nitrosodimethylamine

Concen: 34.747 ng

RT: 3.50 min Scan# 88

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

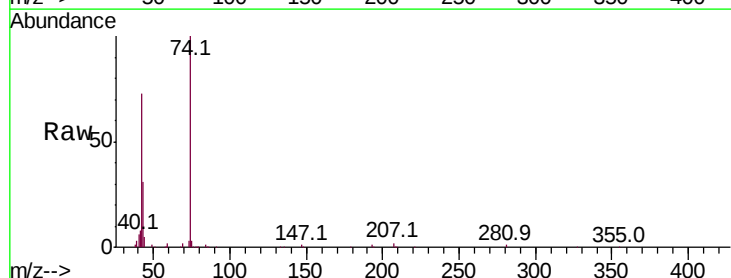
Tgt Ion: 42 Resp: 119944

Ion Ratio Lower Upper

42 100

74 137.0 93.1 139.7

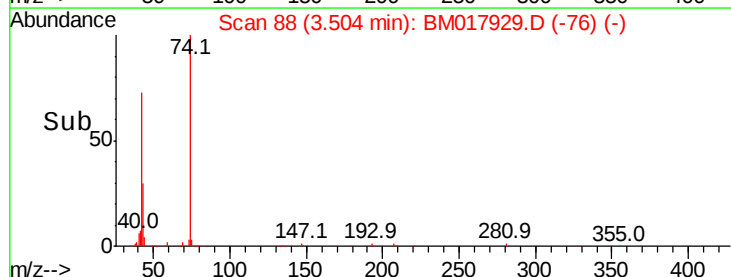
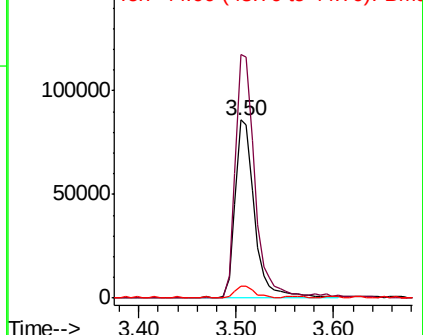
44 6.5 5.0 7.6

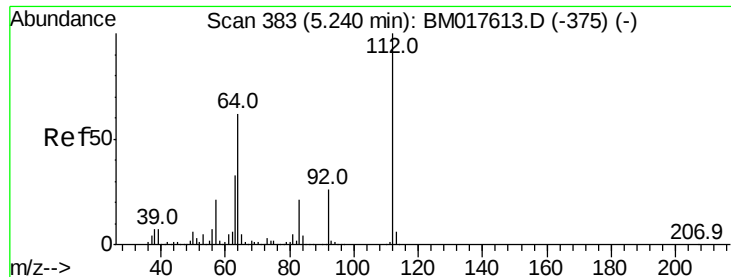


Abundance Ion 42.00 (41.70 to 42.70): BM017613.D (-85) (-)

Ion 74.00 (73.70 to 74.70): BM017613.D (-85) (-)

Ion 44.00 (43.70 to 44.70): BM017613.D (-85) (-)





#5

2-Fluorophenol

Concen: 90.986 ng

RT: 5.21 min Scan# 378

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

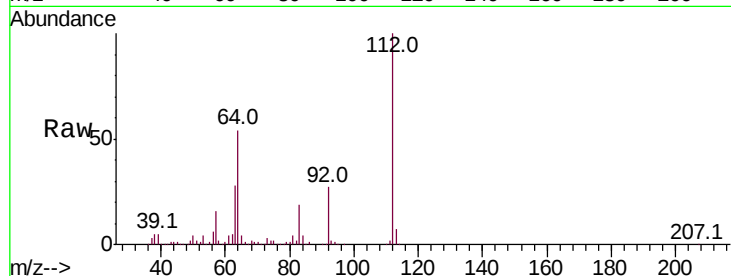
Tot Ion:112 Resp: 583627

Ion Ratio Lower Upper

112 100

64 54.0 49.3 73.9

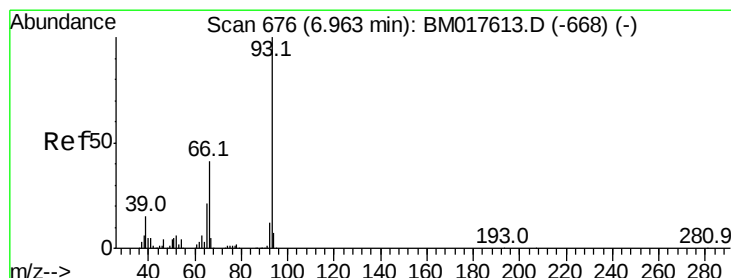
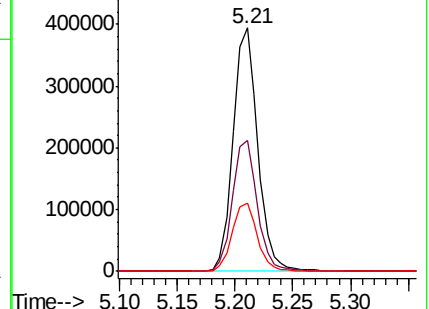
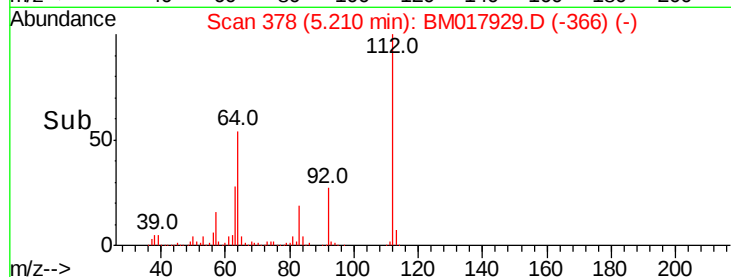
63 27.8 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 14.211 ng

RT: 6.92 min Scan# 669

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

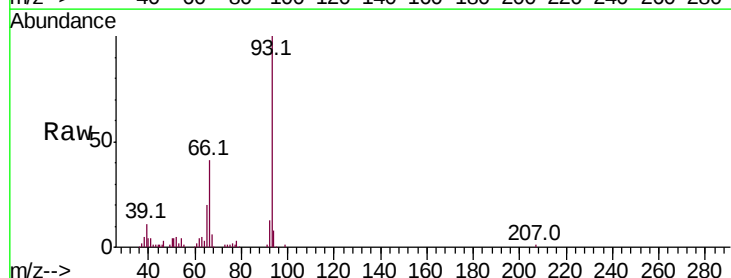
Tgt Ion: 93 Resp: 157875

Ion Ratio Lower Upper

93 100

66 40.8 32.8 49.2

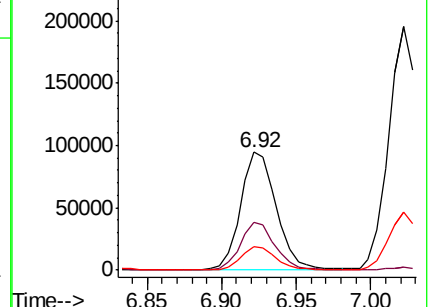
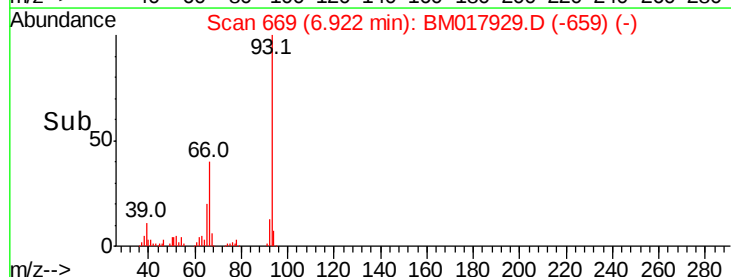
65 19.6 16.6 25.0

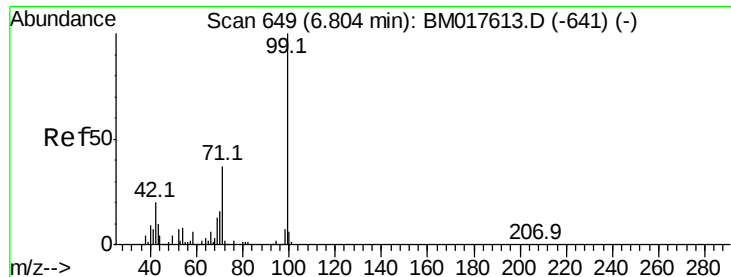


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 85.574 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

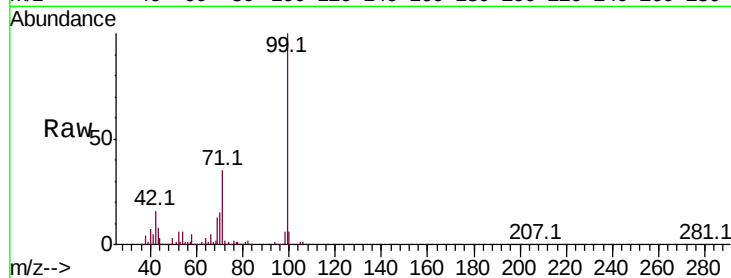
Tot Ion: 99 Resp: 766638

Ion Ratio Lower Upper

99 100

42 16.3 16.3 24.5#

71 35.0 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)

6.77

500000

400000

300000

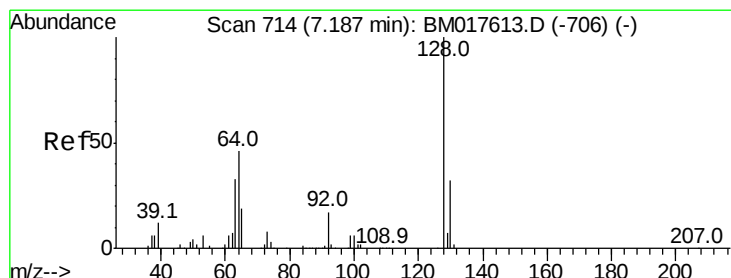
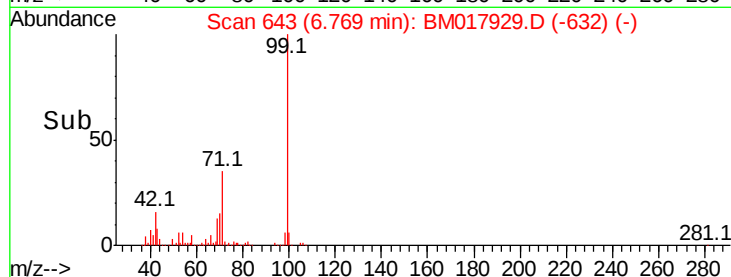
200000

100000

0

6.70 6.75 6.80 6.85

Time-->



#8

2-Chlorophenol

Concen: 41.584 ng

RT: 7.15 min Scan# 708

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

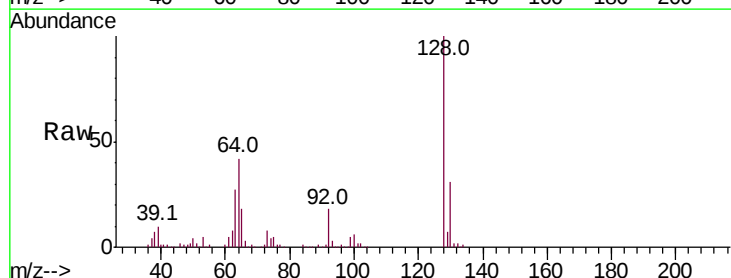
Tgt Ion:128 Resp: 319226

Ion Ratio Lower Upper

128 100

130 31.2 12.4 52.4

64 41.9 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): BM017613.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM017613.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM017613.D (-706) (-)

7.15

250000

200000

150000

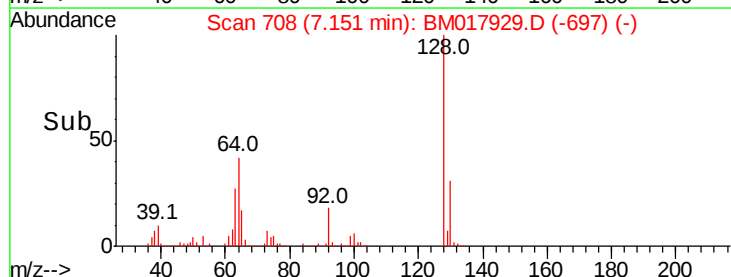
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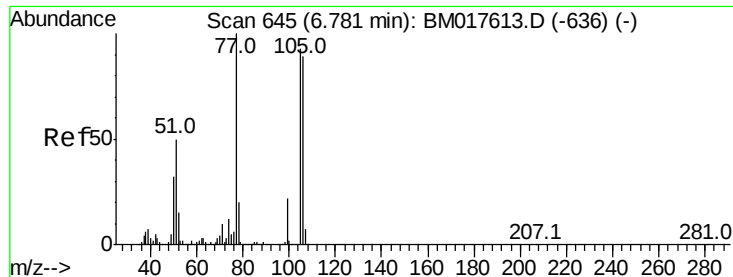
50000

0

7.05 7.10 7.15 7.20 7.25

Time-->





#9

Benzaldehyde

Concen: 21.938 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

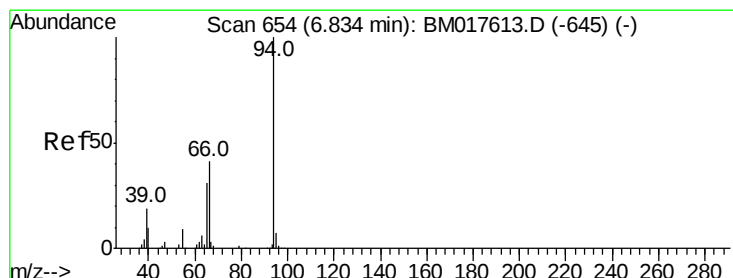
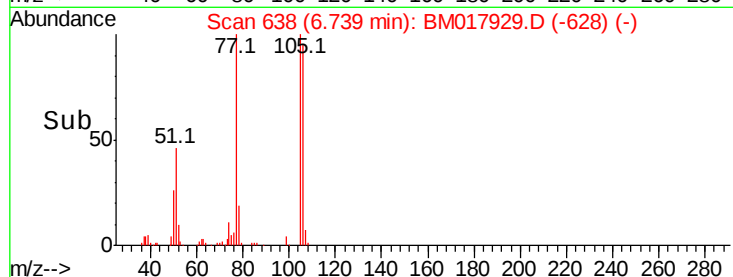
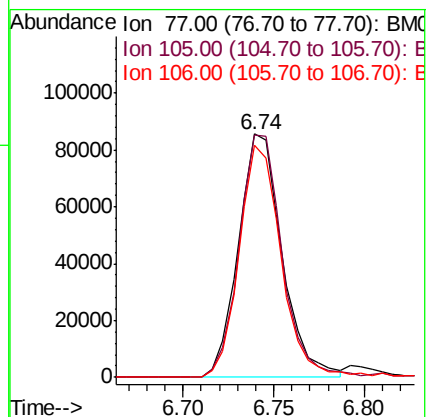
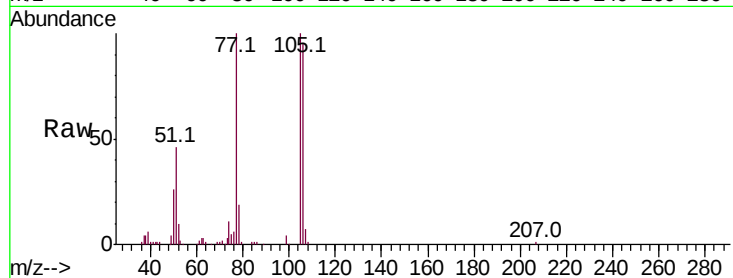
Tot Ion: 77 Resp: 143172

Ion Ratio Lower Upper

77 100

105 99.5 72.7 112.7

106 95.4 68.9 108.9



#10

Phenol

Concen: 40.114 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

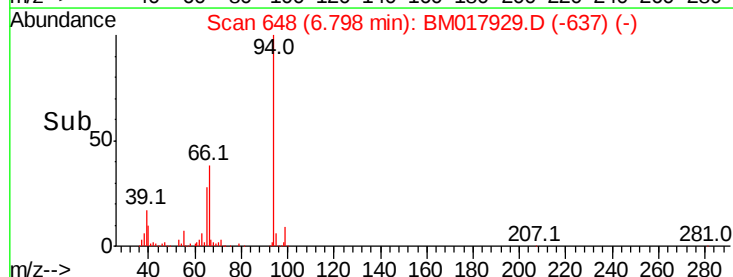
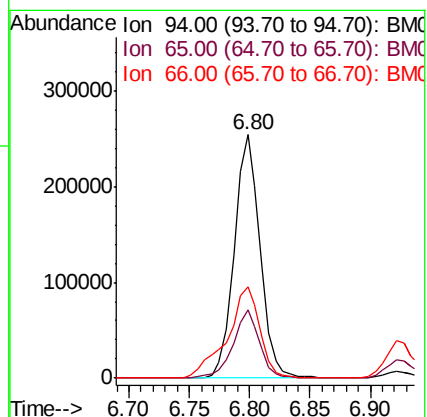
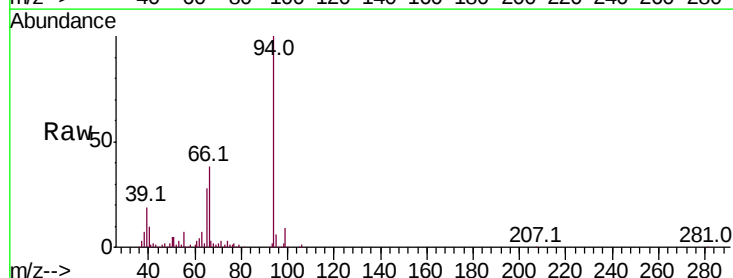
Tgt Ion: 94 Resp: 377206

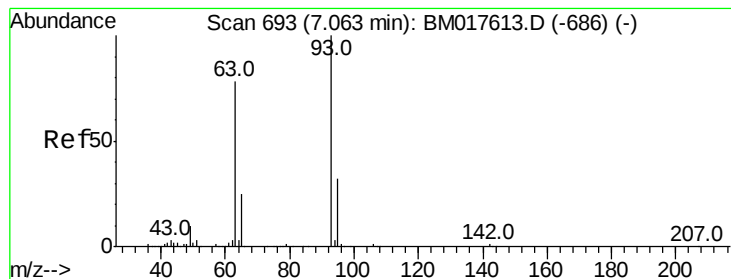
Ion Ratio Lower Upper

94 100

65 28.0 11.4 51.4

66 37.7 21.4 61.4

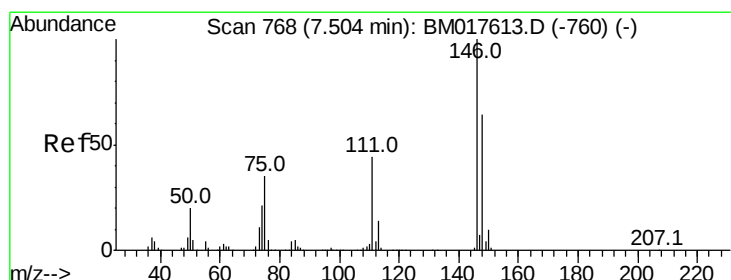
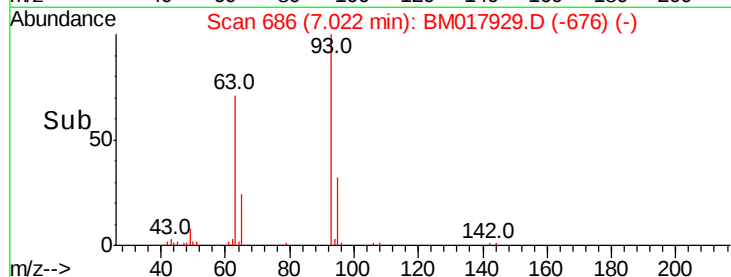
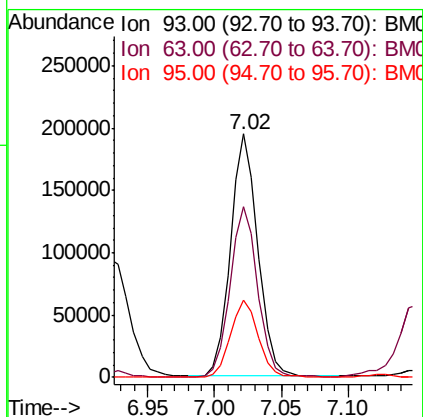
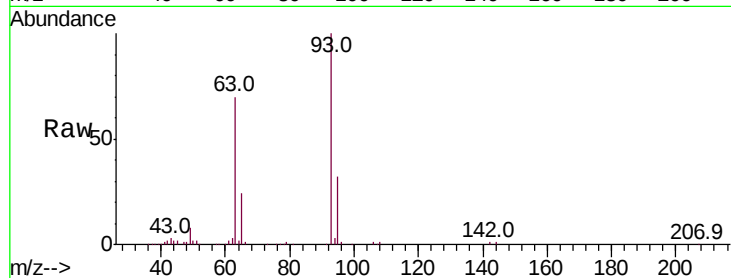




#11
bis(2-Chloroethyl)ether
Concen: 37.288 ng
RT: 7.02 min Scan# 686
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

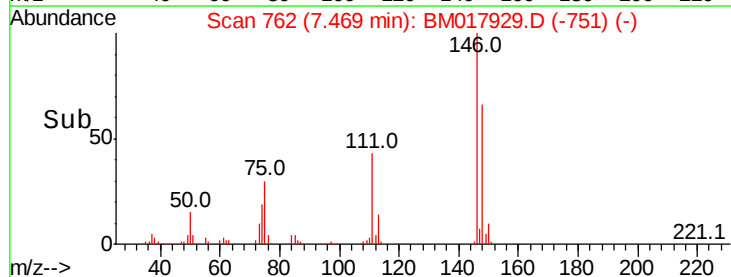
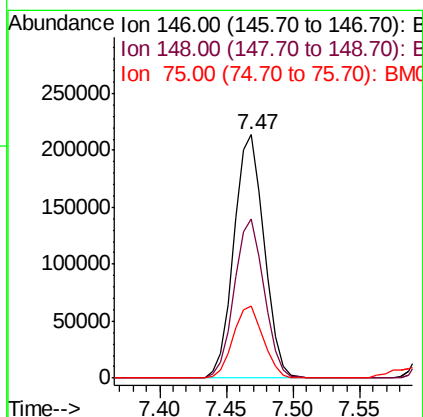
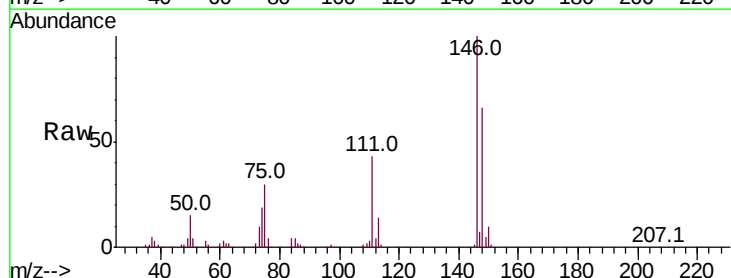
Instrument :
BNA_M
ClientSampleId :

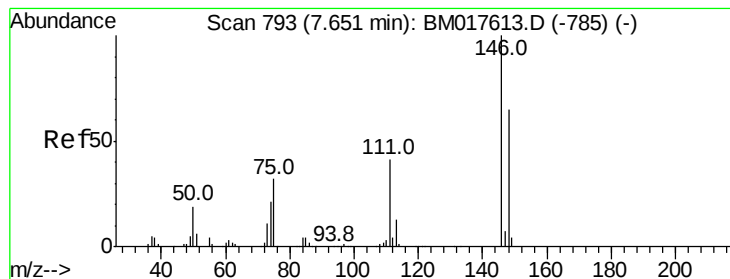
Tot Ion: 93 Resp: 276799
Ion Ratio Lower Upper
93 100
63 70.0 57.9 97.9
95 31.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.028 ng
RT: 7.47 min Scan# 762
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion: 146 Resp: 336143
Ion Ratio Lower Upper
146 100
148 65.5 51.2 76.8
75 29.7 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 38.615 ng

RT: 7.62 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampled :

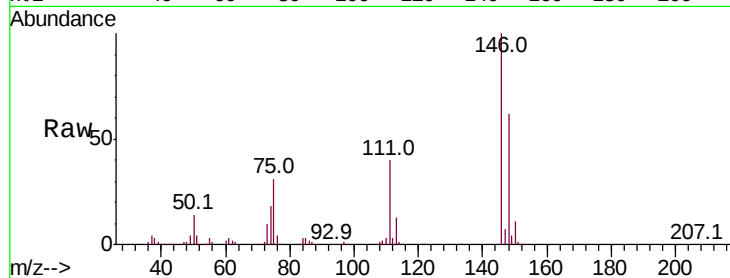
Tot Ion:146 Resp: 340899

Ion Ratio Lower Upper

146 100

148 62.0 52.0 78.0

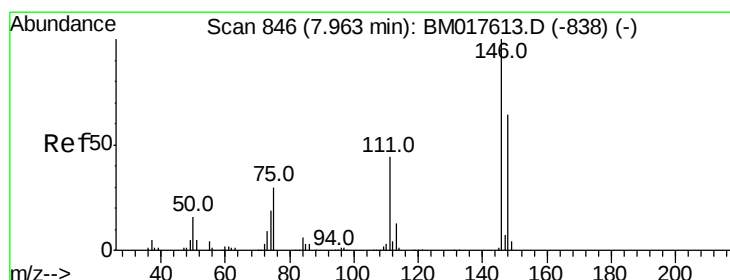
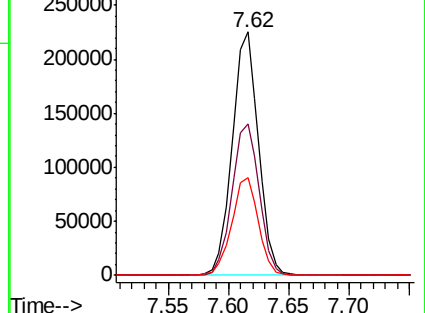
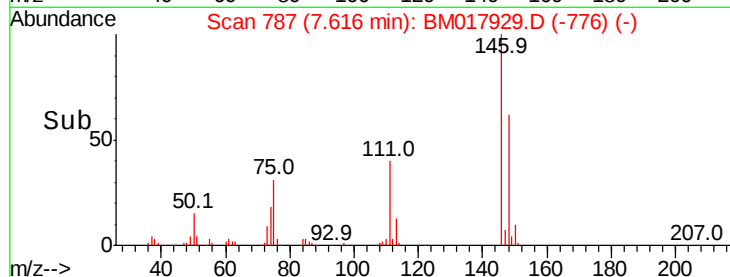
111 40.2 33.2 49.8



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: 39.279 ng

RT: 7.92 min Scan# 839

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

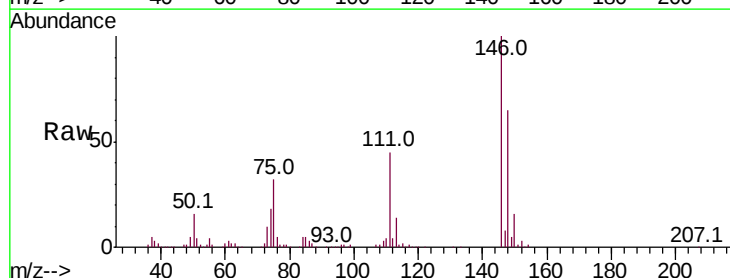
Tgt Ion:146 Resp: 336233

Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

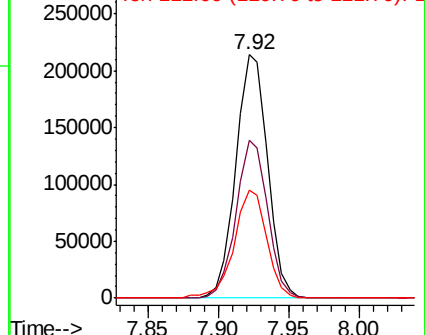
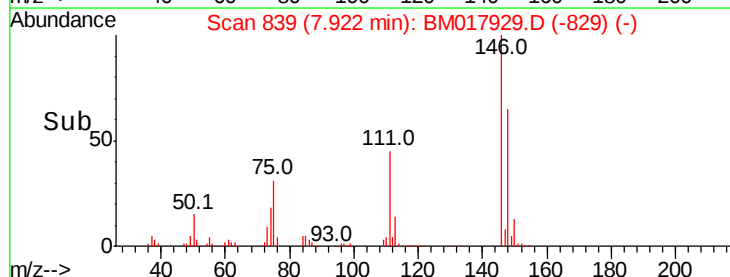
111 44.6 35.8 53.8

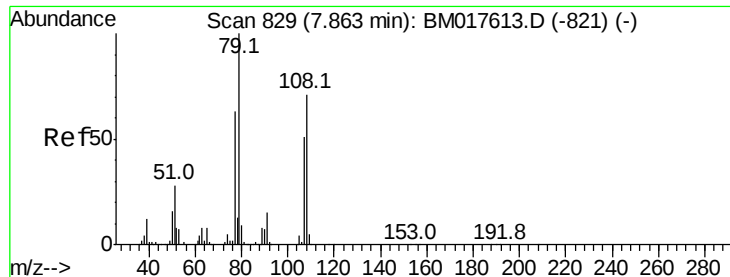


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.964 ng

RT: 7.83 min Scan# 823

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampled :

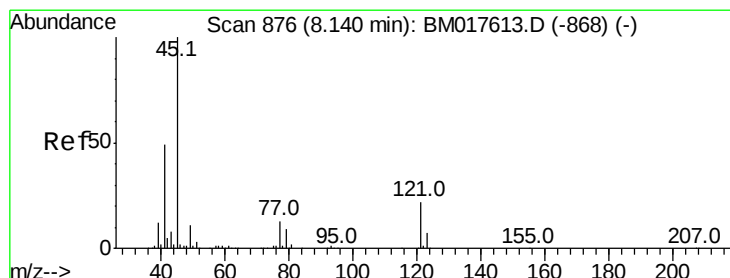
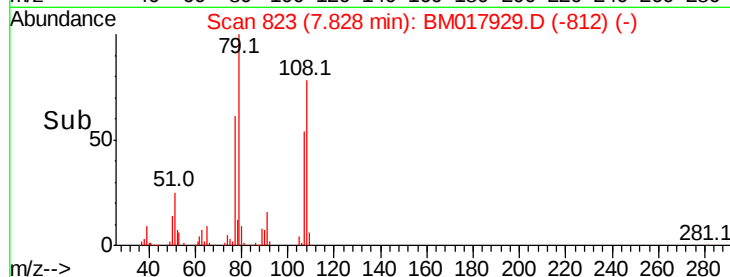
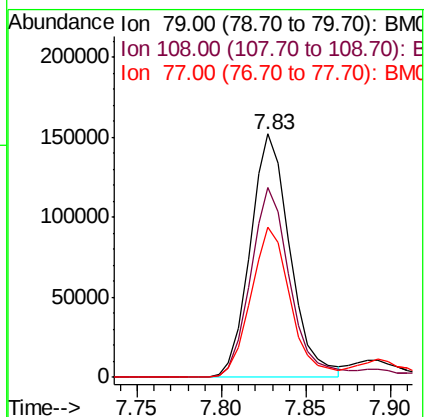
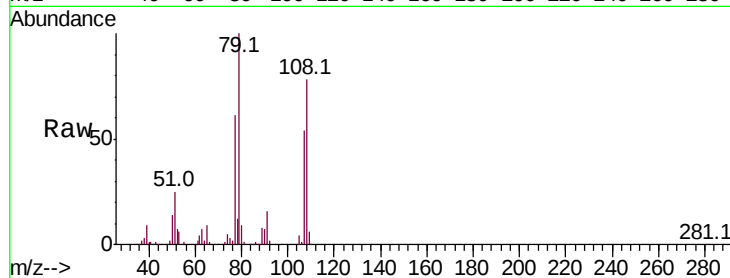
Tot Ion: 79 Resp: 249455

Ion Ratio Lower Upper

79 100

108 78.0 57.1 85.7

77 61.5 50.4 75.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.206 ng

RT: 8.10 min Scan# 869

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

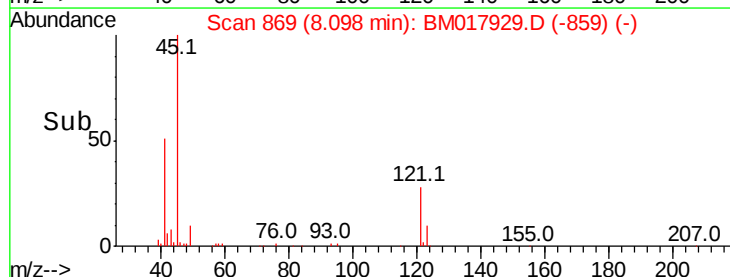
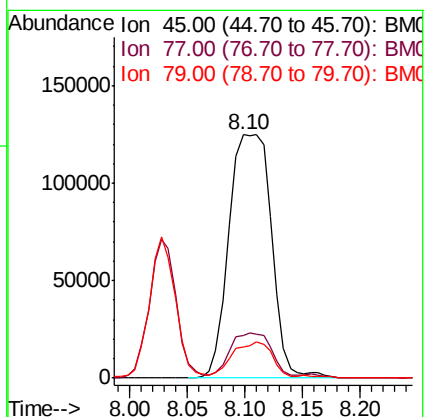
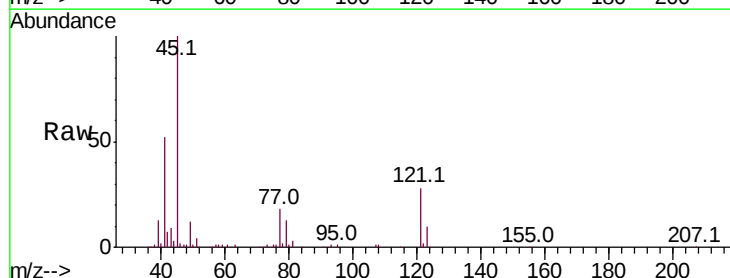
Tgt Ion: 45 Resp: 318792

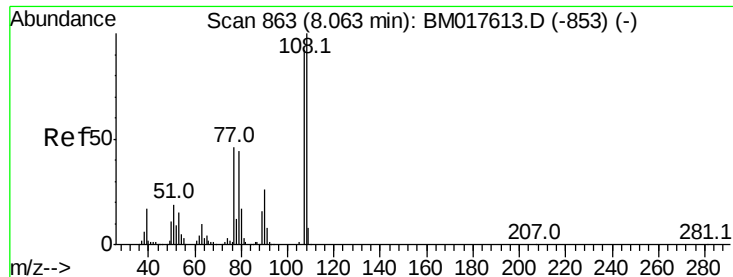
Ion Ratio Lower Upper

45 100

77 17.8 0.0 34.2

79 12.8 0.0 30.5





#17

2-Methylphenol

Concen: 39.701 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 251495

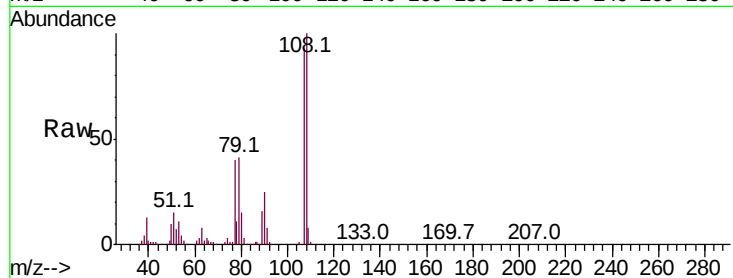
Ion Ratio Lower Upper

107 100

108 107.2 86.7 130.1

77 43.3 39.8 59.6

79 44.3 38.4 57.6

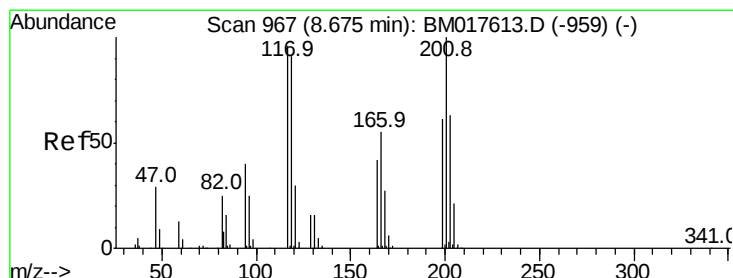
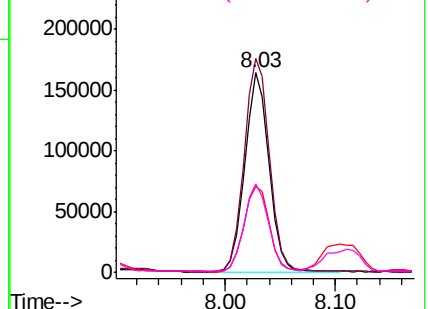
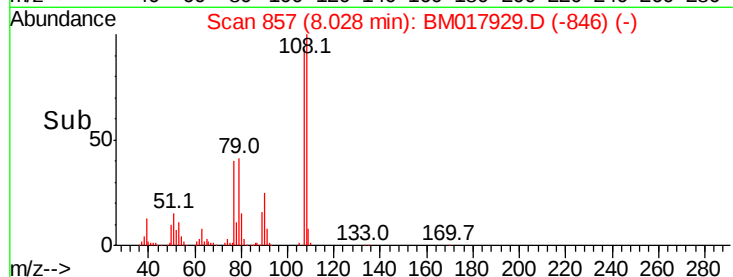


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 35.781 ng

RT: 8.63 min Scan# 960

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

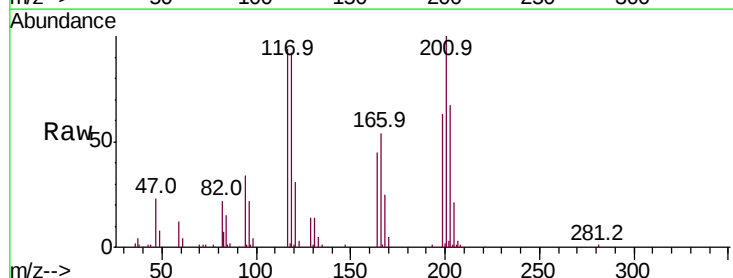
Tgt Ion:117 Resp: 111330

Ion Ratio Lower Upper

117 100

119 98.3 75.8 113.8

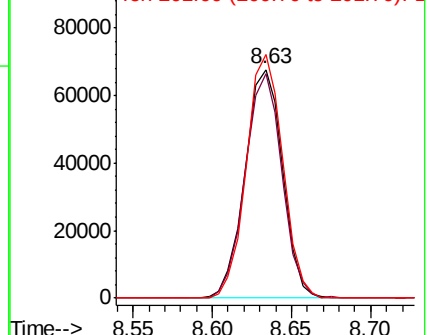
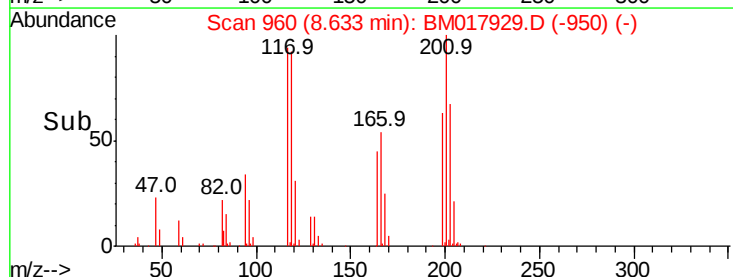
201 106.4 83.0 124.4

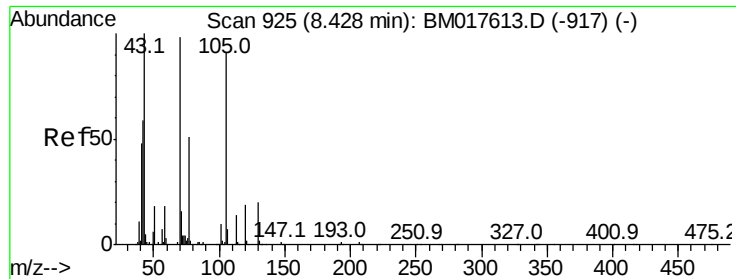


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

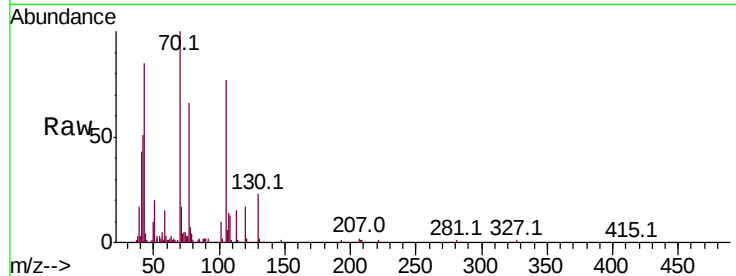




#19
n-Nitroso-di-n-propylamine
Concen: 34.146 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	219652
Ion	Ratio	Lower	Upper
70	100		
42	50.8	48.6	73.0
101	9.8	7.9	11.9
130	22.5	16.6	24.8



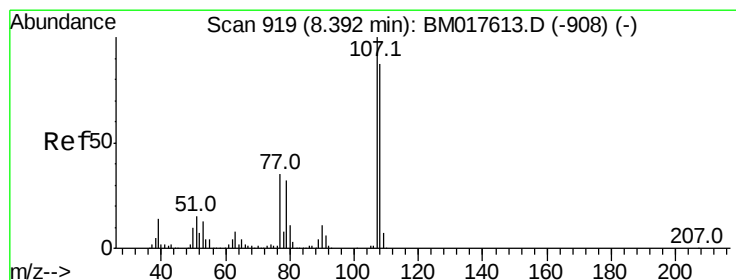
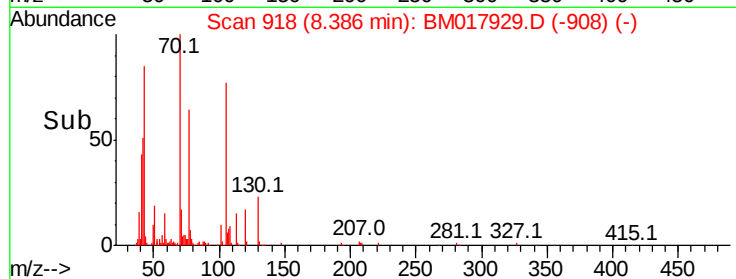
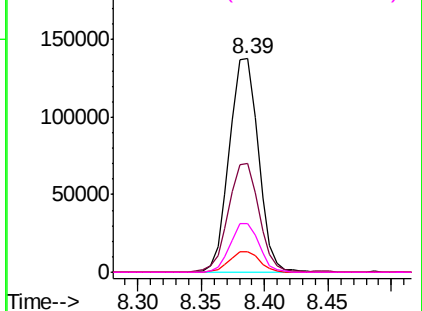
Abundance

Ion 70.00 (69.70 to 70.70): BM017613.D (-917) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-917) (-)

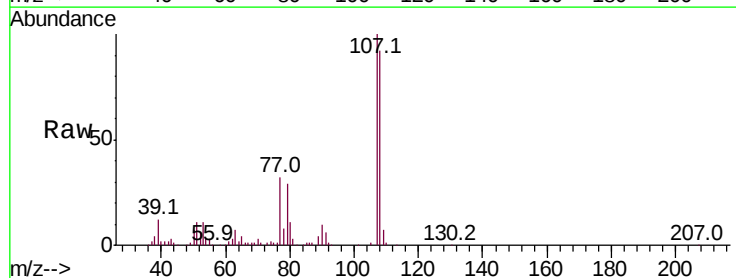
Ion 101.00 (100.70 to 101.70): BM017613.D (-917) (-)

Ion 130.00 (129.70 to 130.70): BM017613.D (-917) (-)



#20
3+4-Methylphenols
Concen: 38.148 ng
RT: 8.36 min Scan# 913
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion:	107	Resp:	335755
Ion	Ratio	Lower	Upper
107	100		
108	91.8	67.0	107.0
77	32.3	15.6	55.6
79	28.5	11.7	51.7



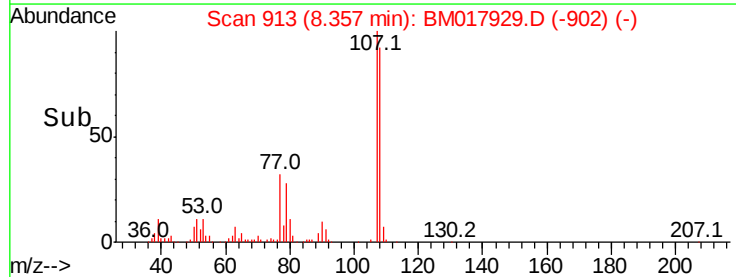
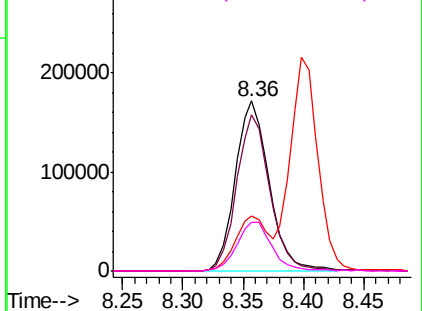
Abundance

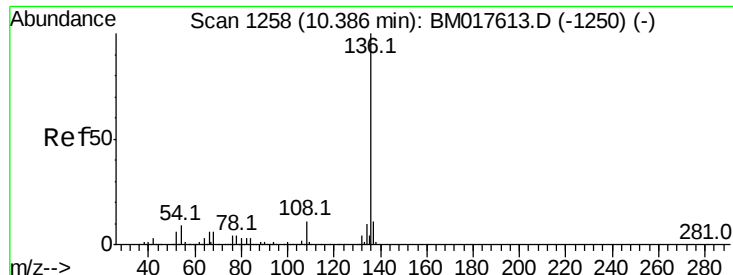
Ion 107.00 (106.70 to 107.70): BM017613.D (-908) (-)

Ion 108.00 (107.70 to 108.70): BM017613.D (-908) (-)

Ion 77.00 (76.70 to 77.70): BM017613.D (-908) (-)

Ion 79.00 (78.70 to 79.70): BM017613.D (-908) (-)

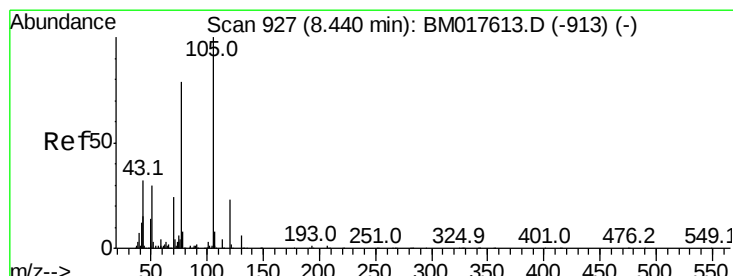
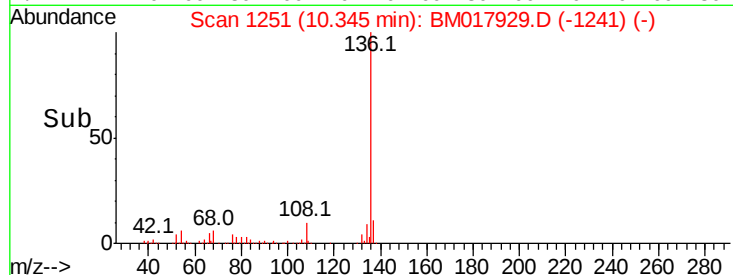
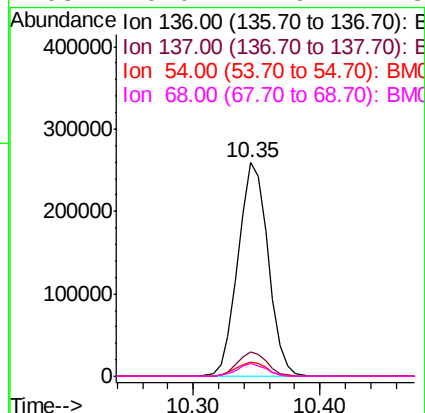
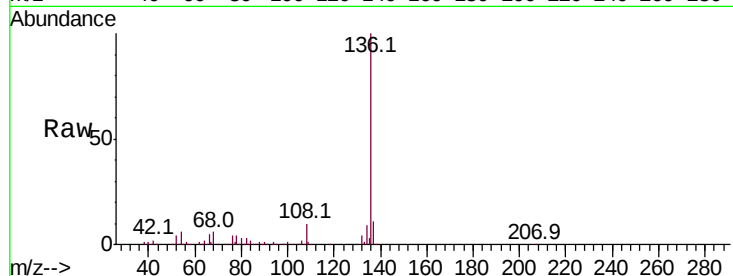




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

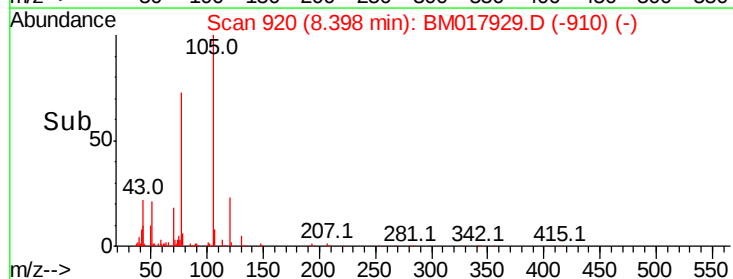
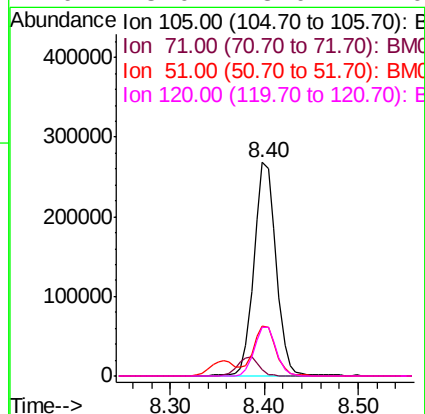
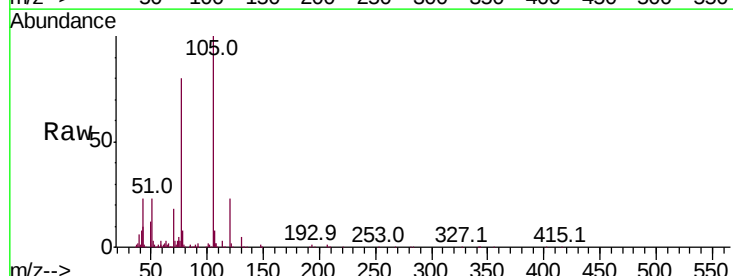
Instrument :
BNA_M
ClientSampleId :

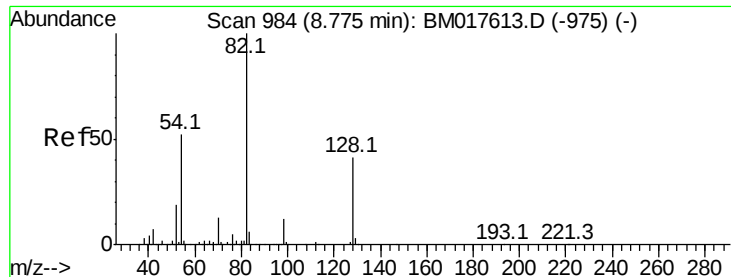
Tot Ion:	136	Resp:	425798
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	6.4	7.0	10.6#
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 41.268 ng
RT: 8.40 min Scan# 920
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion:	105	Resp:	438558
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.1	4.7
51	23.4	23.8	35.8#
120	23.0	18.0	27.0

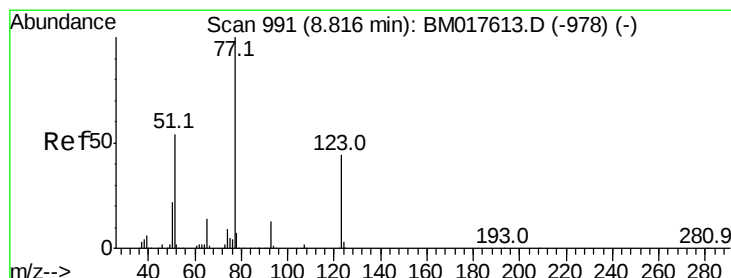
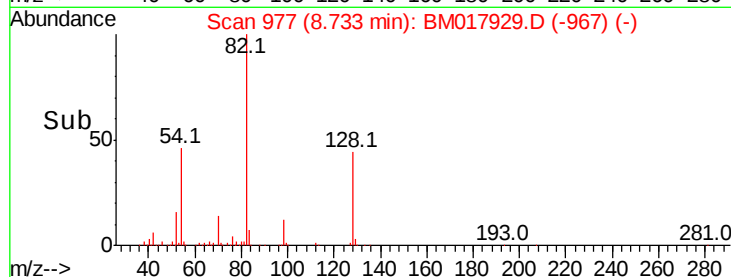
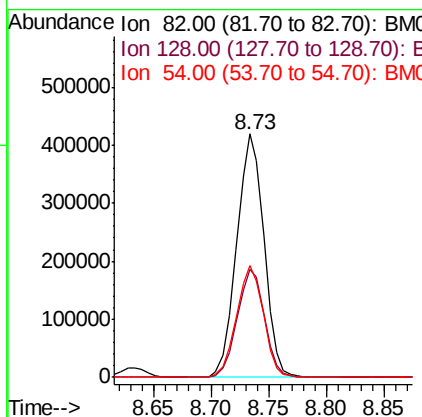
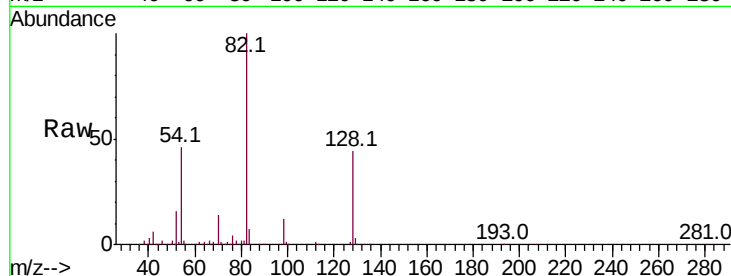




#23
 Nitrobenzene-d5
 Concen: 83.016 ng
 RT: 8.73 min Scan# 977
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

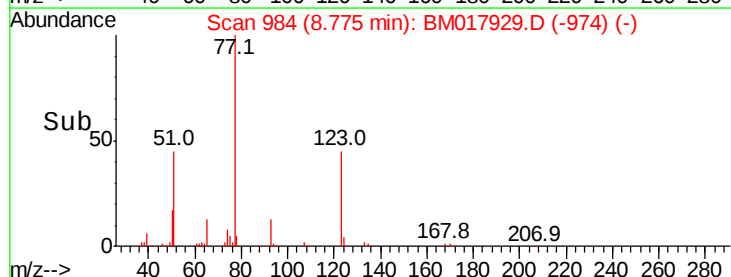
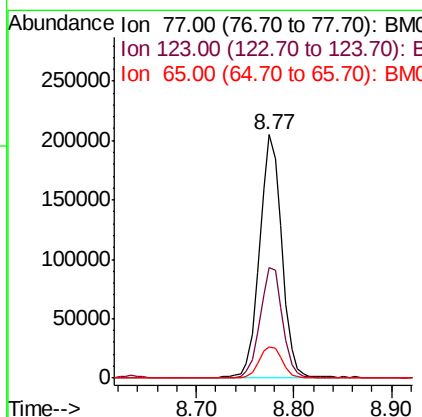
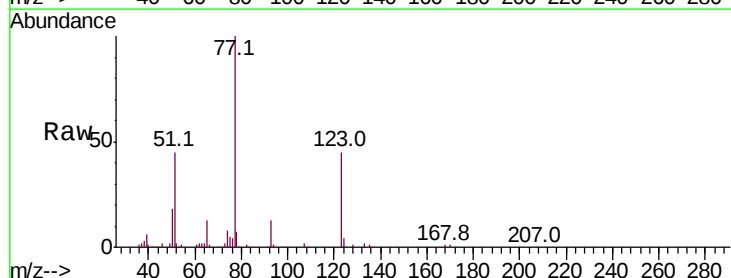
Instrument :
 BNA_M
 ClientSampleId :

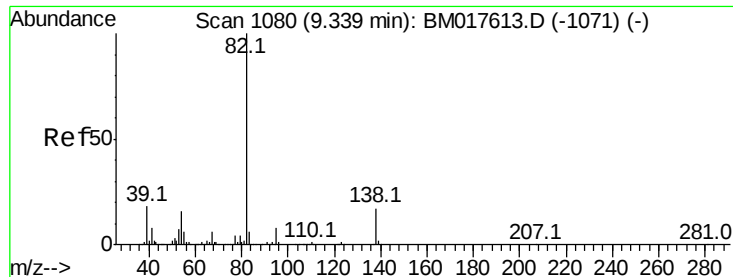
Tot Ion	82	Resp	684705
Ion Ratio	Lower	Upper	
82	100		
128	44.4	33.0	49.4
54	45.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 38.894 ng
 RT: 8.77 min Scan# 984
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion	77	Resp	325473
Ion Ratio	Lower	Upper	
77	100		
123	45.1	35.1	52.7
65	12.7	11.0	16.6

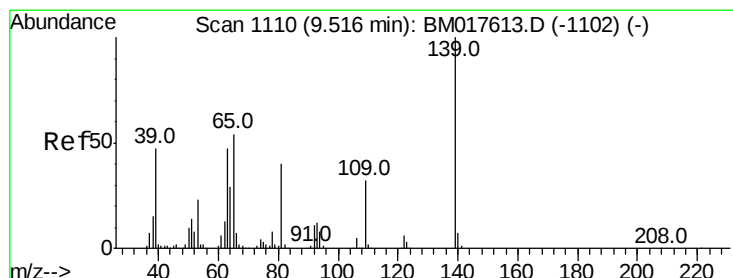
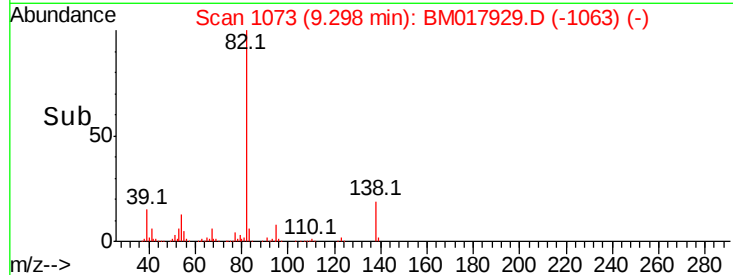
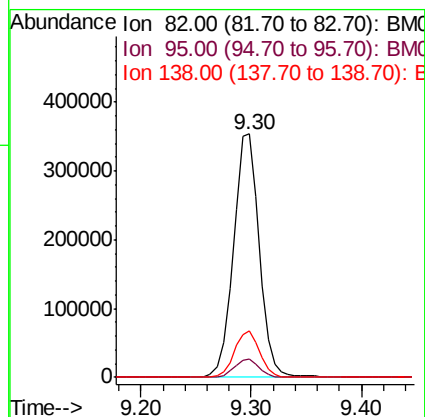
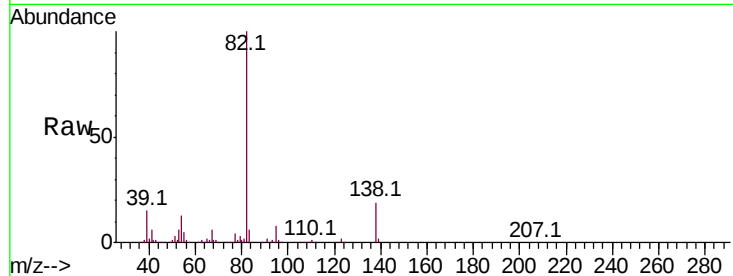




#25
Isophorone
Concen: 45.454 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

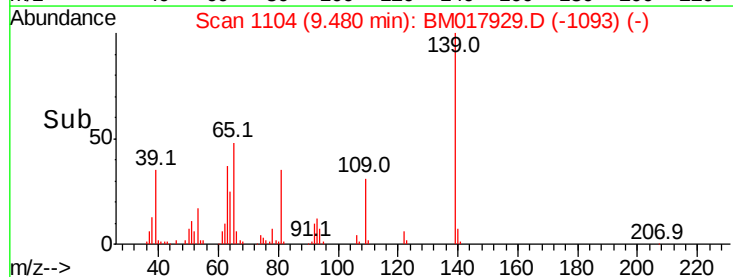
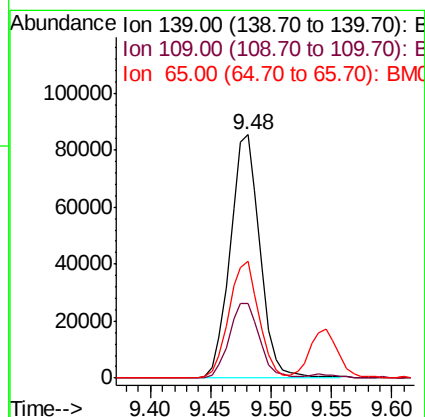
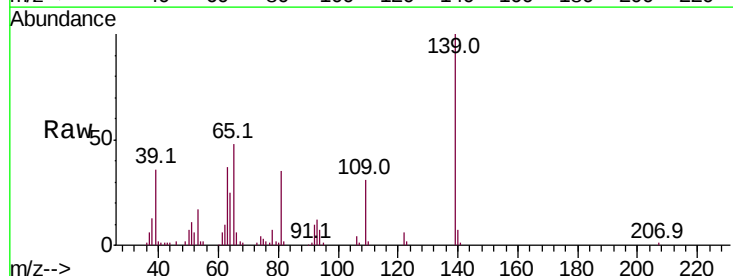
Instrument :
BNA_M
ClientSampleId :

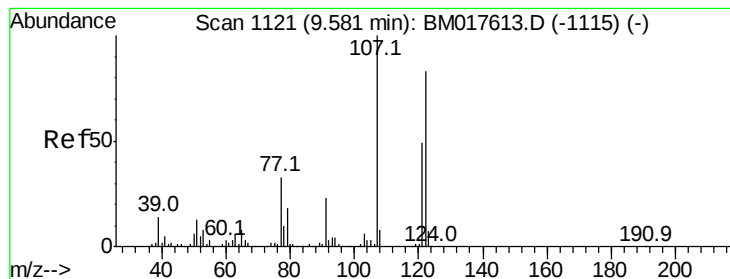
Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.1	9.1
138	18.8	13.9	20.9



#26
2-Nitrophenol
Concen: 37.964 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.9	25.9	38.9
65	47.9	43.0	64.4





#27

2,4-Dimethylphenol

Concen: 49.602 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampled :

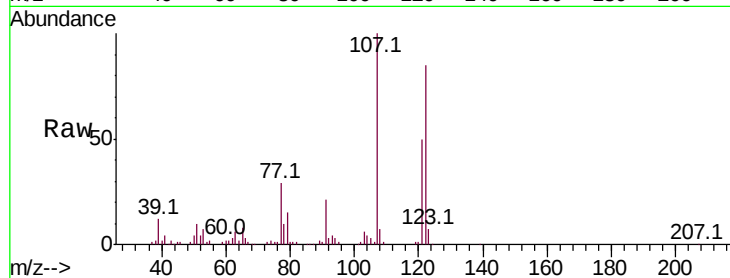
Tot Ion:122 Resp: 275547

Ion Ratio Lower Upper

122 100

107 118.1 95.8 143.8

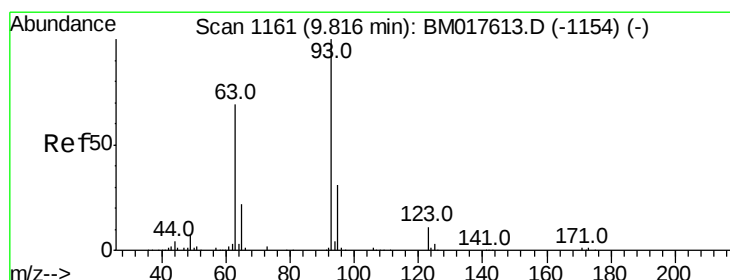
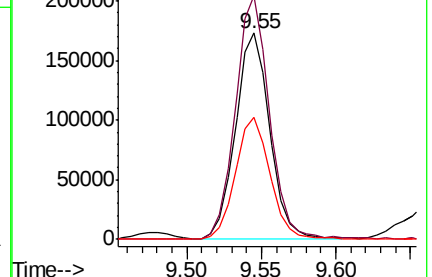
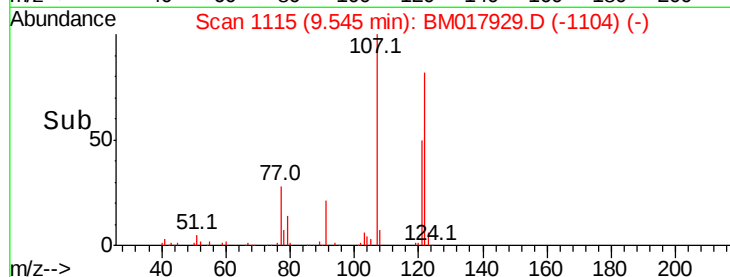
121 59.3 47.2 70.8



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: 41.883 ng

RT: 9.78 min Scan# 1155

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

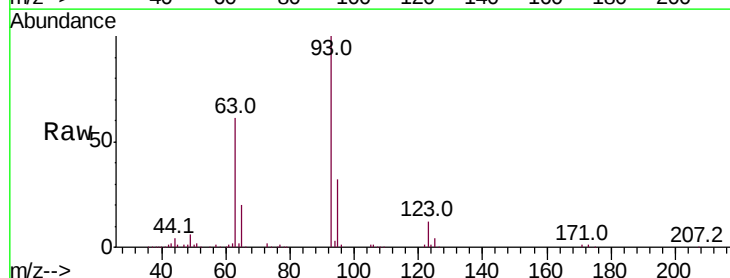
Tgt Ion: 93 Resp: 361362

Ion Ratio Lower Upper

93 100

95 32.2 24.9 37.3

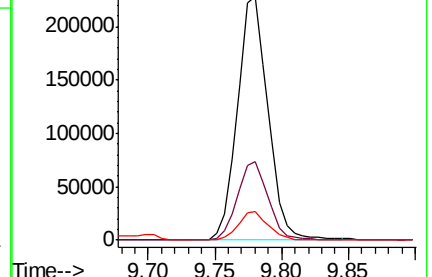
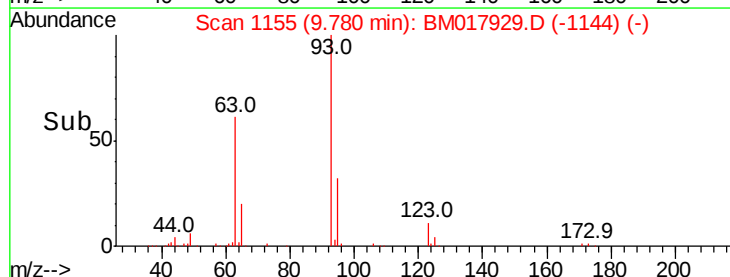
123 11.6 8.7 13.1

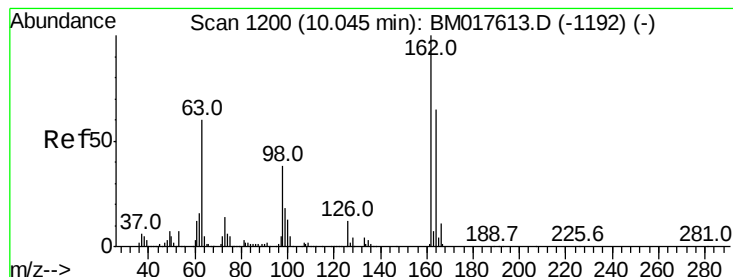


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.932 ng

RT: 10.01 min Scan# 1194

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

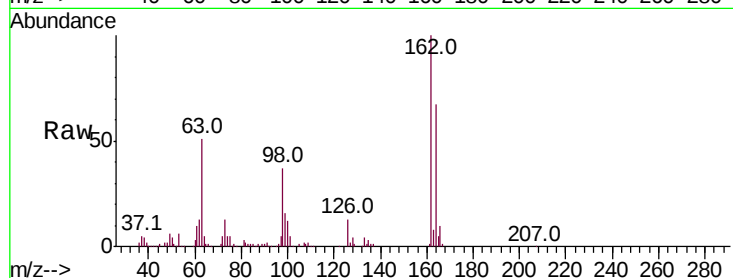
Tot Ion:162 Resp: 276850

Ion Ratio Lower Upper

162 100

164 66.7 45.0 85.0

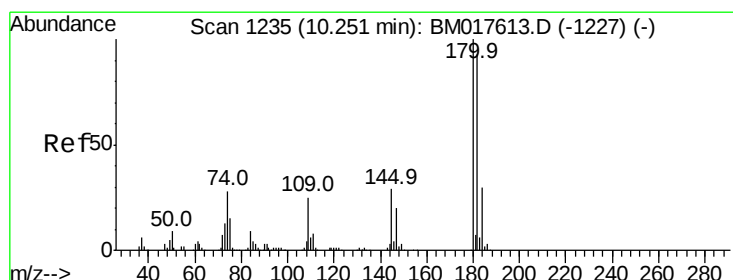
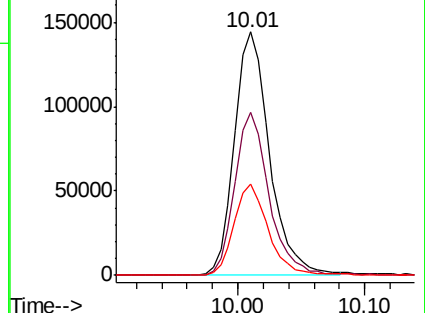
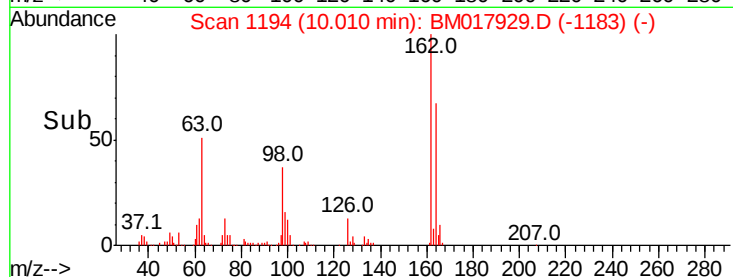
98 37.3 17.5 57.5



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: 40.487 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

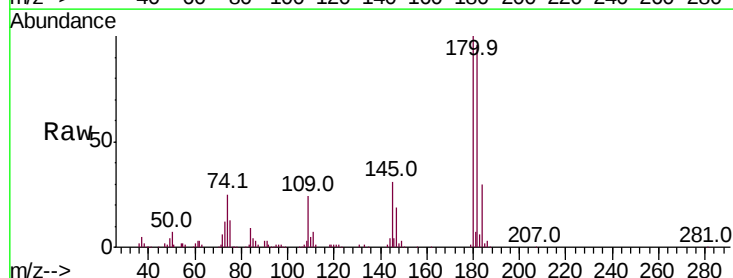
Tgt Ion:180 Resp: 303659

Ion Ratio Lower Upper

180 100

182 96.0 74.4 111.6

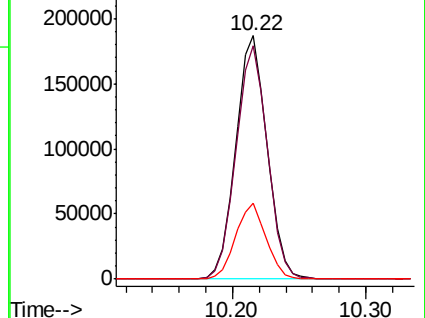
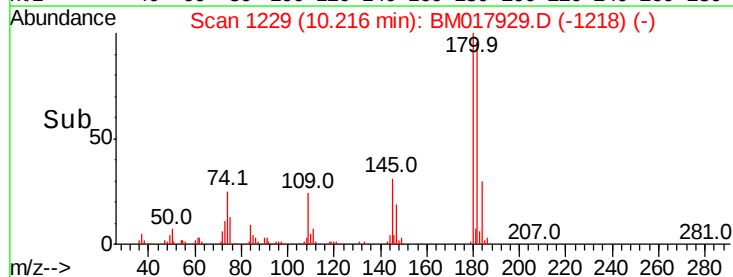
145 31.2 23.5 35.3

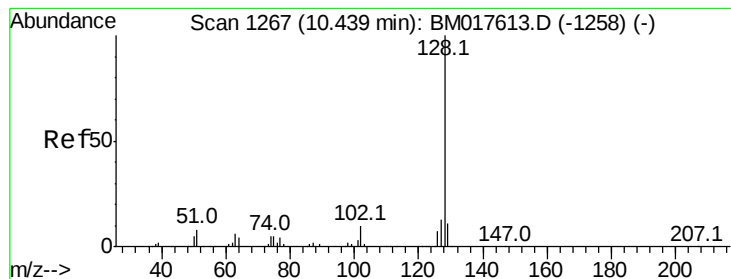


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

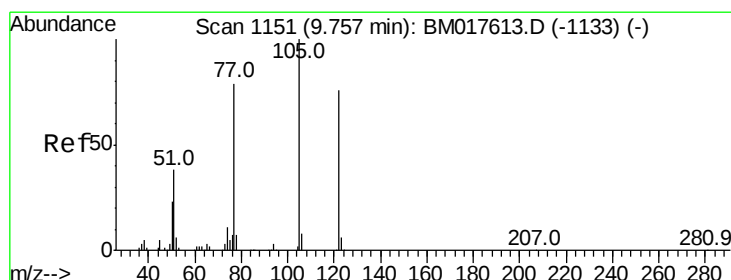
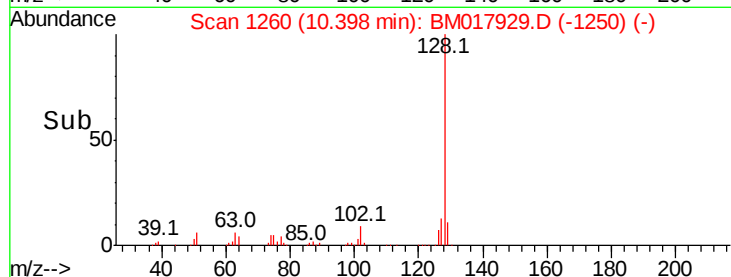
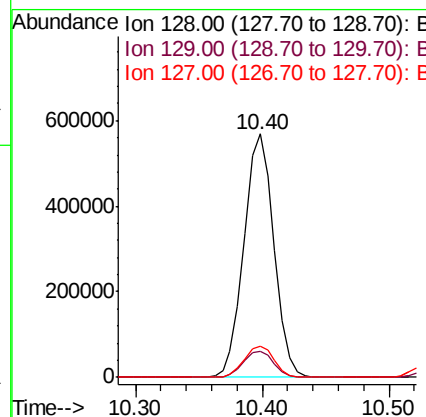
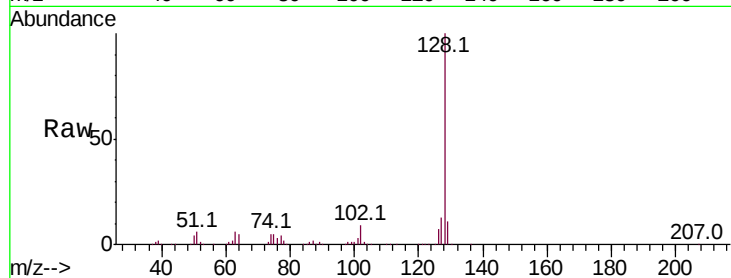




#31
Naphthalene
Concen: 44.462 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

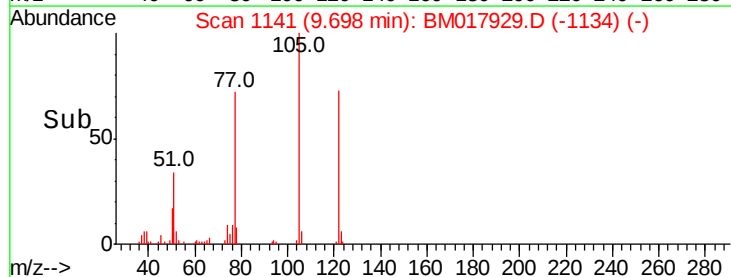
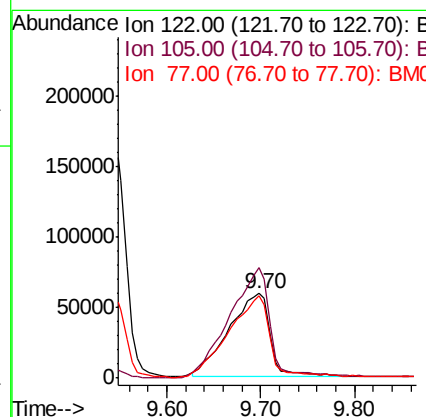
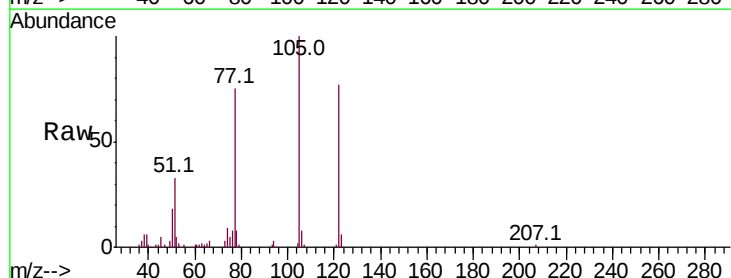
Instrument :
BNA_M
ClientSampleId :

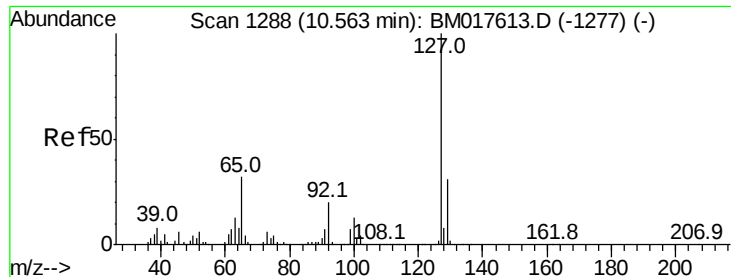
Tot Ion:128 Resp: 930823
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 35.524 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.06 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion:122 Resp: 178761
Ion Ratio Lower Upper
122 100
105 130.7 109.1 149.1
77 97.6 82.1 122.1

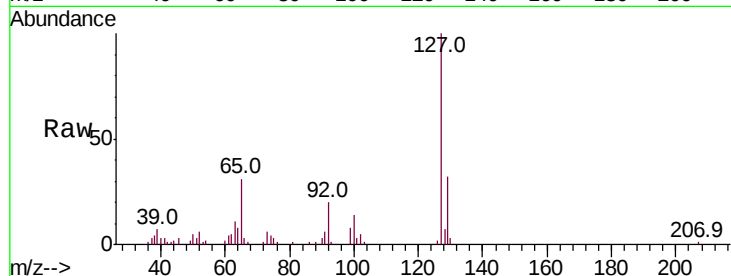




#33
4-Chloroaniline
Concen: 8.598 ng
RT: 10.53 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	78830
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.0	37.4
65	31.4	25.8	38.8
92	20.0	15.8	23.6



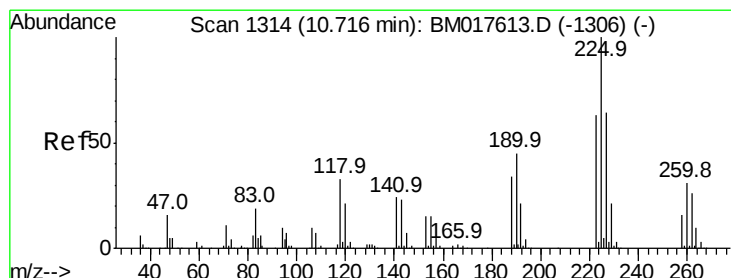
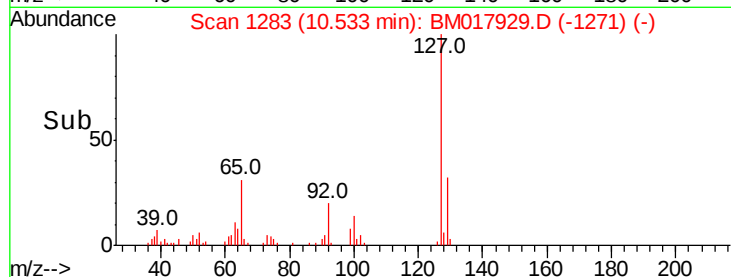
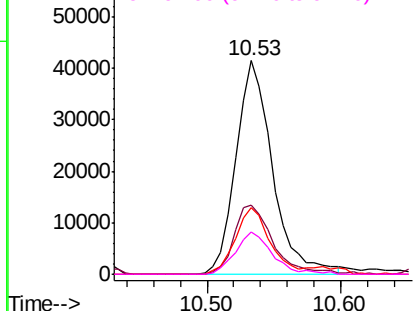
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

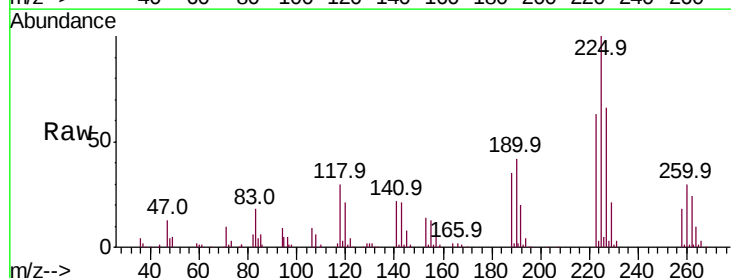
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 40.261 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.05 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion:	225	Resp:	187463
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.7	76.1
227	65.8	51.0	76.4

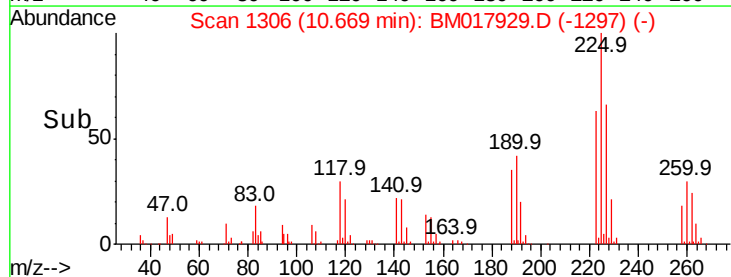
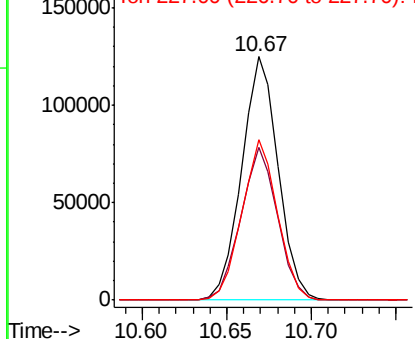


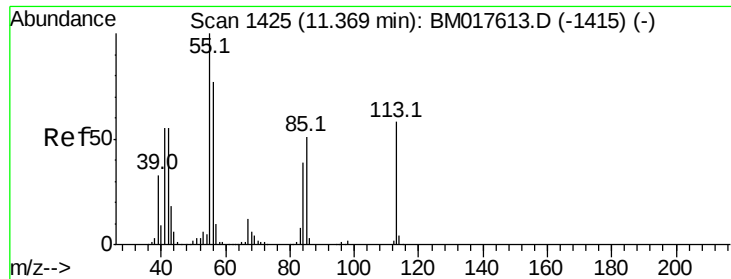
Abundance

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: 35.418 ng

RT: 11.32 min Scan# 1416

Delta R.T. -0.05 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampled :

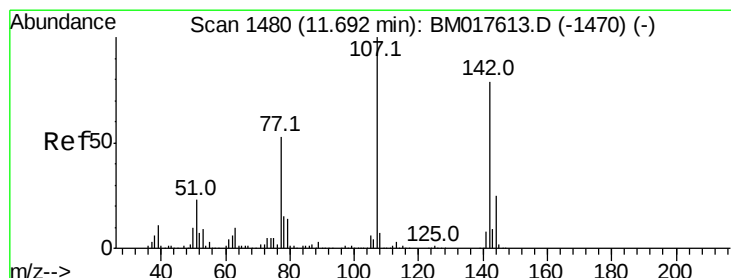
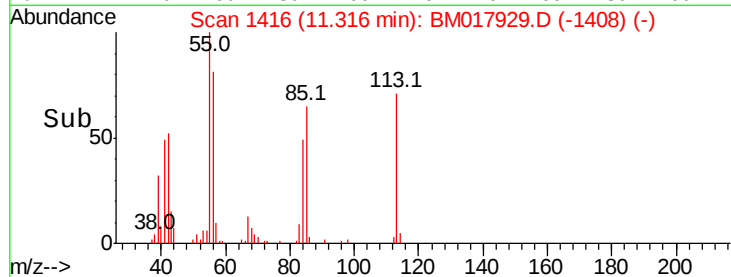
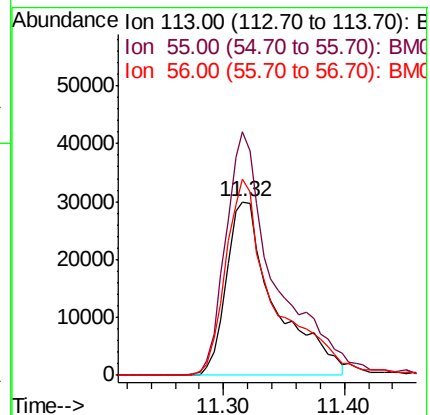
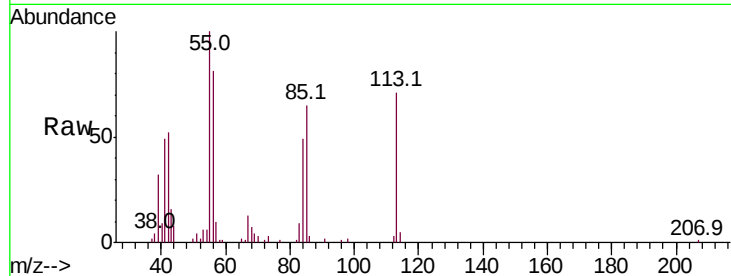
Tot Ion:113 Resp: 84110

Ion Ratio Lower Upper

113 100

55 140.5 153.1 193.1#

56 113.5 112.7 152.7



#36

4-Chloro-3-methylphenol

Concen: 39.516 ng

RT: 11.66 min Scan# 1474

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

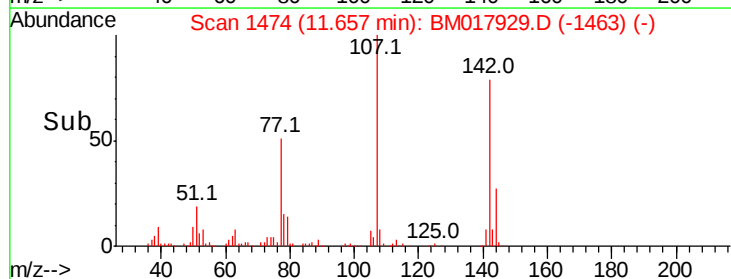
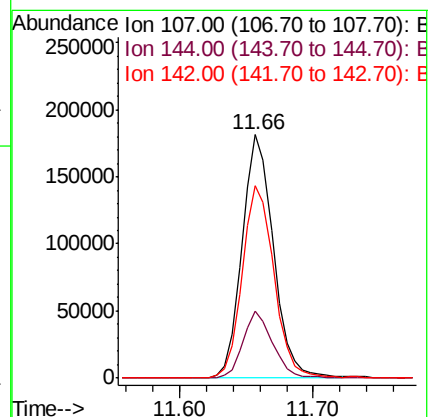
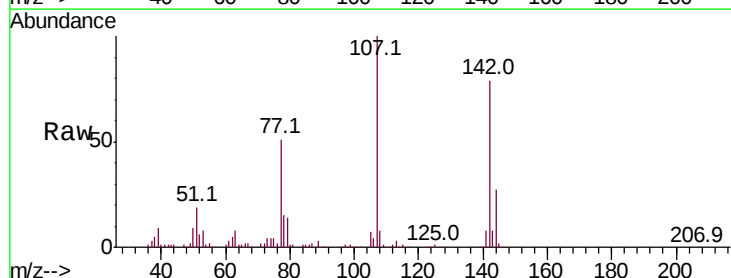
Tgt Ion:107 Resp: 294207

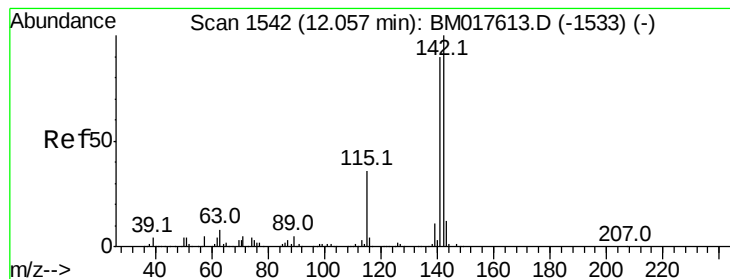
Ion Ratio Lower Upper

107 100

144 27.4 19.9 29.9

142 79.2 63.0 94.4





#37

2-Methylnaphthalene

Concen: 45.152 ng

RT: 12.02 min Scan# 1536

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

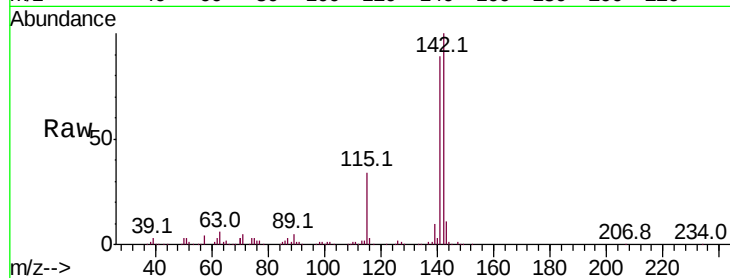
Tot Ion:142 Resp: 668076

Ion Ratio Lower Upper

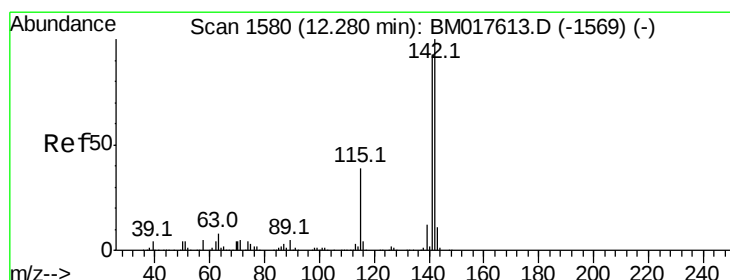
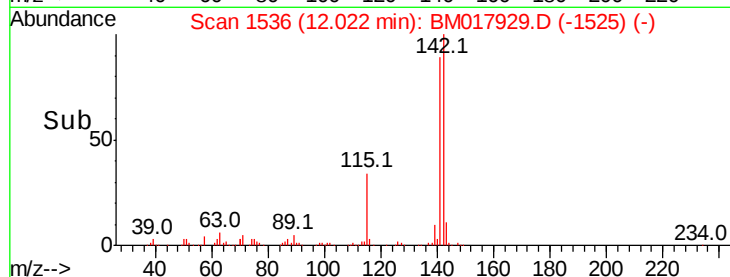
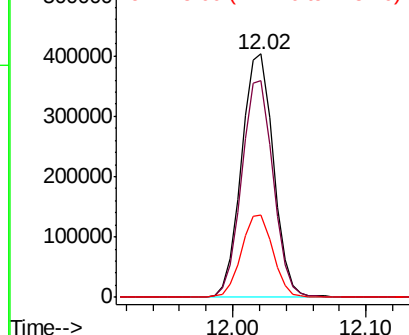
142 100

141 88.8 72.2 108.4

115 34.0 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: 44.090 ng

RT: 12.24 min Scan# 1573

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

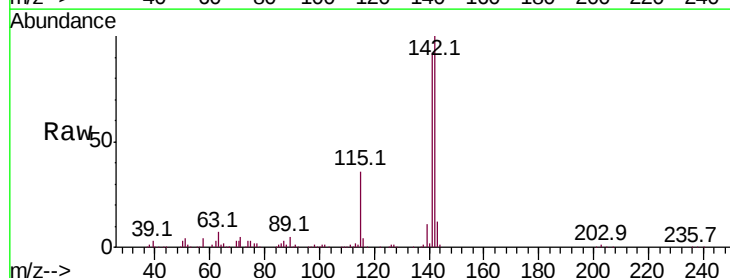
Tgt Ion:142 Resp: 639646

Ion Ratio Lower Upper

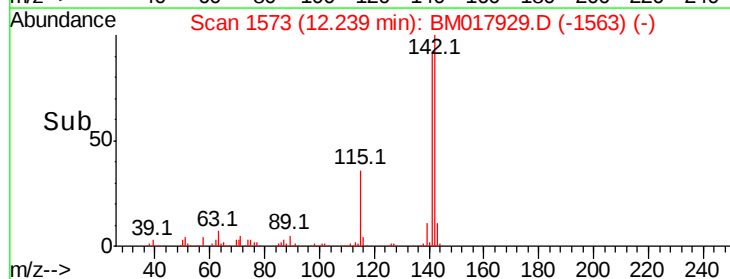
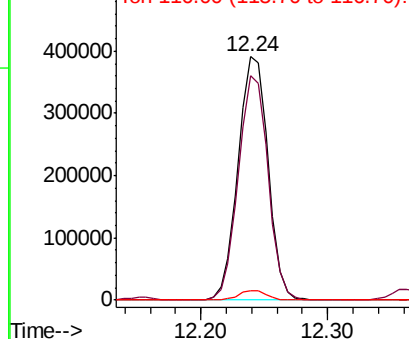
142 100

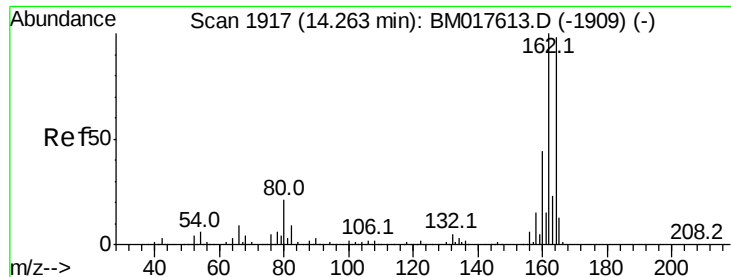
141 92.3 74.2 111.4

116 3.9 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

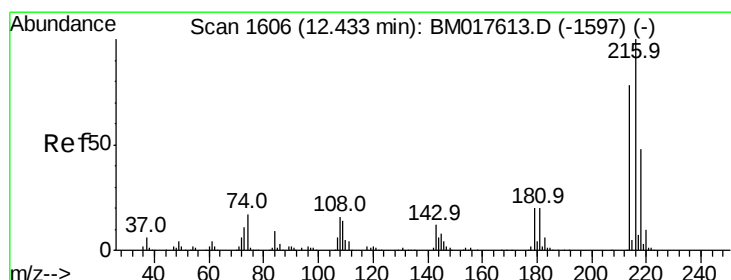
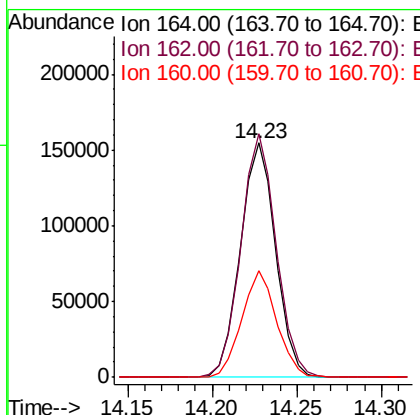
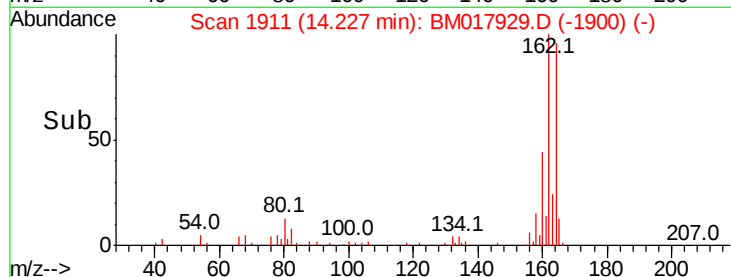
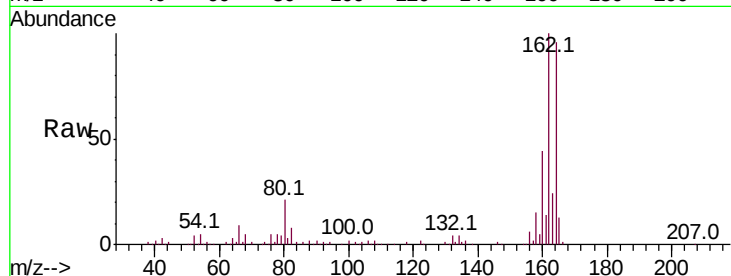




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

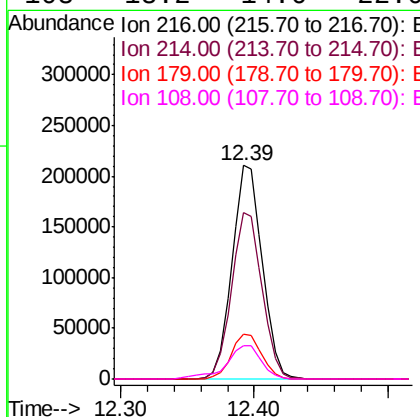
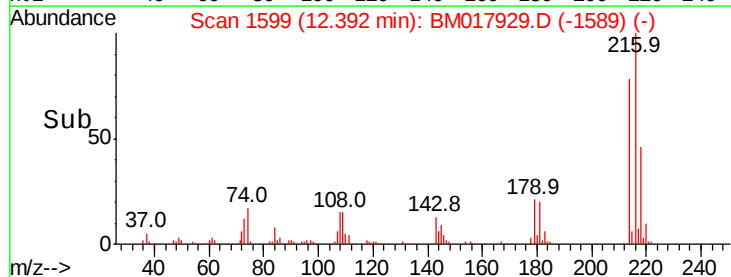
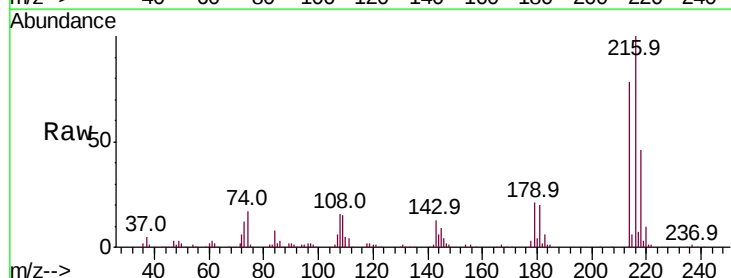
Instrument :
BNA_M
ClientSampleId :

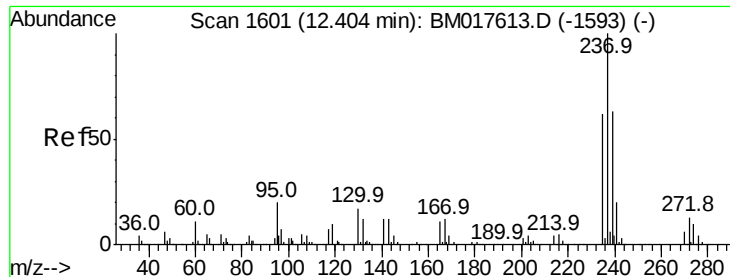
Tot Ion:164 Resp: 224402
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 45.7 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.828 ng
RT: 12.39 min Scan# 1599
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion:216 Resp: 330989
Ion Ratio Lower Upper
216 100
214 78.5 62.5 93.7
179 21.2 16.8 25.2
108 18.2 14.6 22.0





#41

Hexachlorocyclopentadiene

Concen: 56.718 ng

RT: 12.36 min Scan# 1594

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

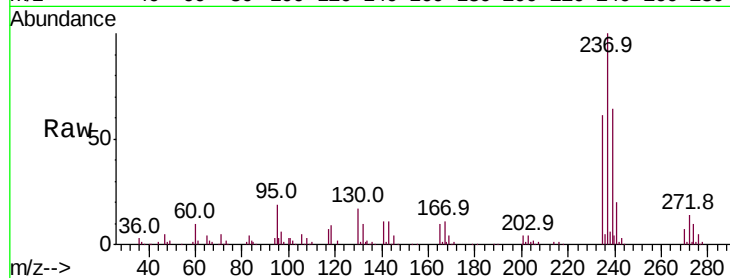
Tot Ion:237 Resp: 231917

Ion Ratio Lower Upper

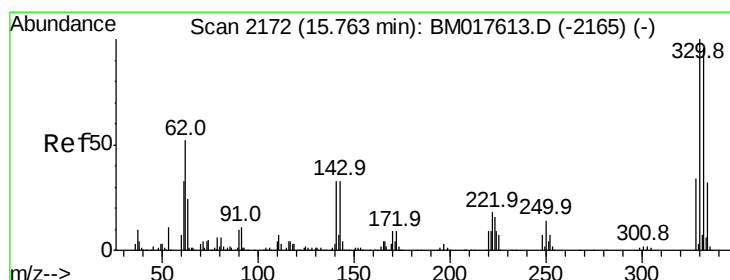
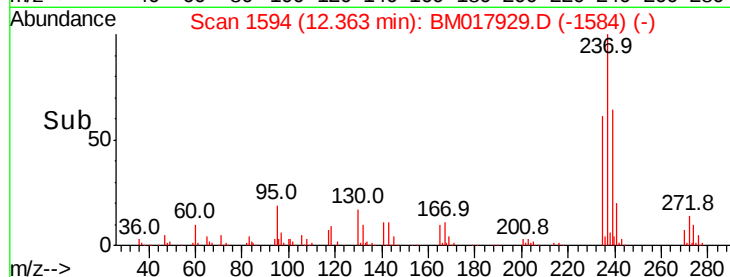
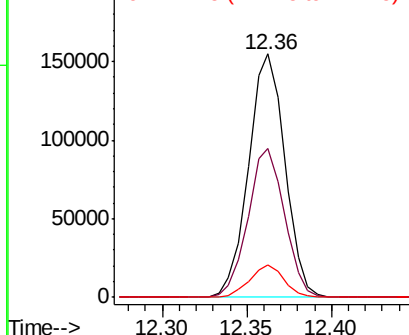
237 100

235 61.1 42.2 82.2

272 13.6 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: 90.215 ng

RT: 15.73 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

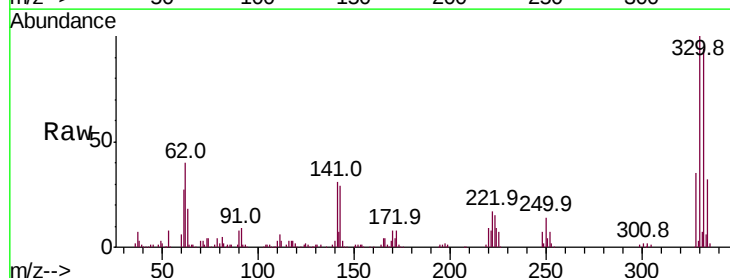
Tgt Ion:330 Resp: 290885

Ion Ratio Lower Upper

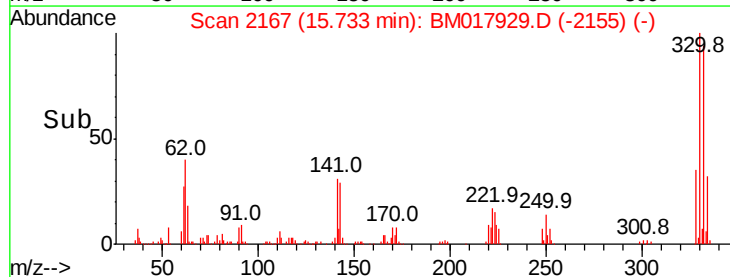
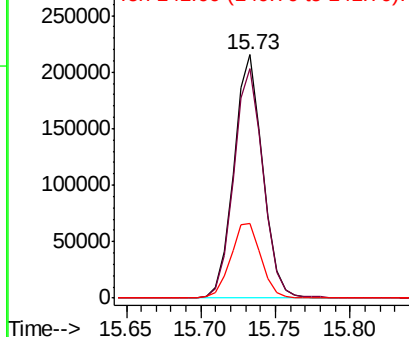
330 100

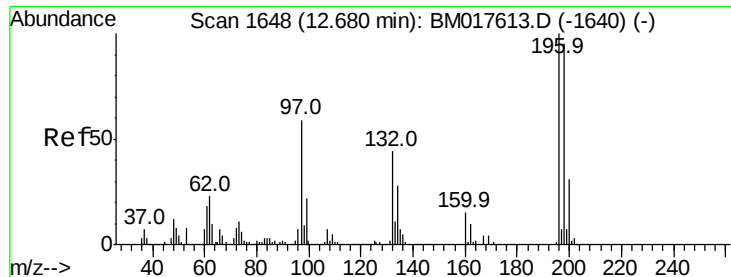
332 95.9 77.9 116.9

141 32.4 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: 43.963 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

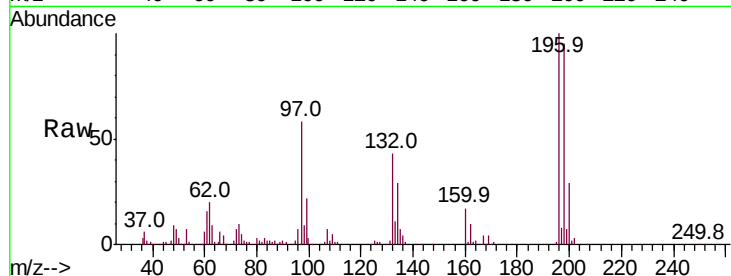
Tot Ion:196 Resp: 217901

Ion Ratio Lower Upper

196 100

198 94.6 75.6 113.4

200 29.3 24.8 37.2

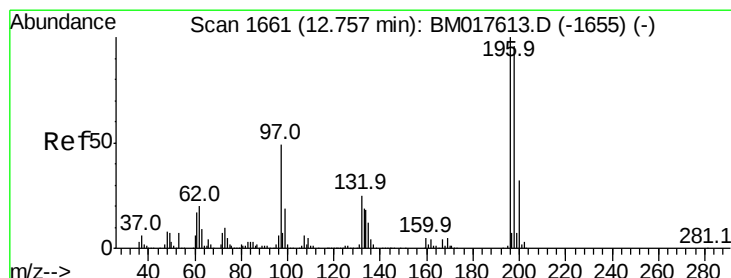
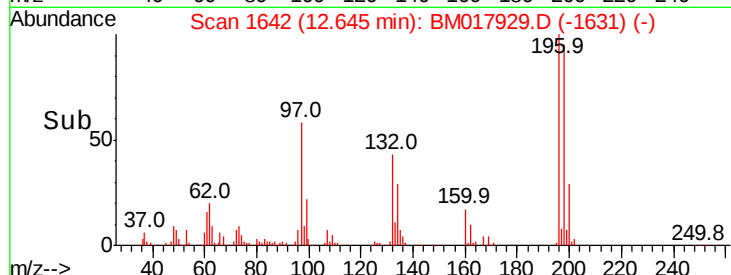
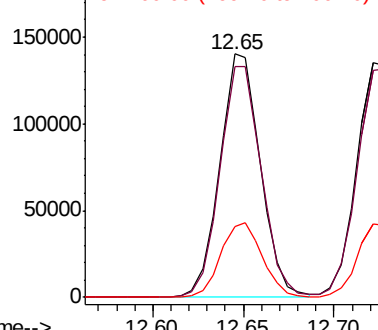


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.195 ng

RT: 12.72 min Scan# 1655

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:196 Resp: 226057

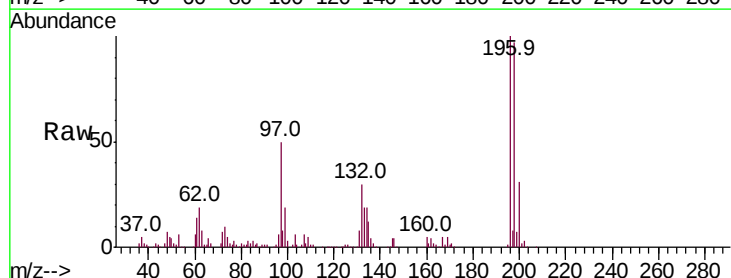
Ion Ratio Lower Upper

196 100

198 97.0 76.8 115.2

97 50.4 39.0 58.6

132 30.1 20.4 30.6



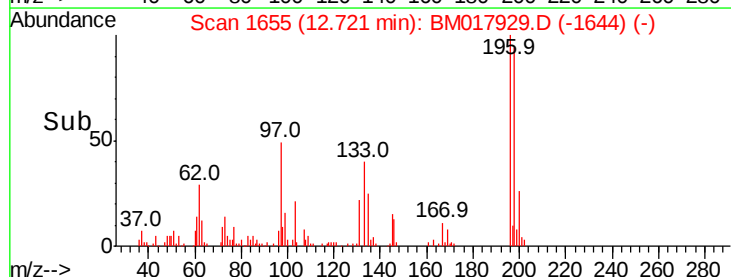
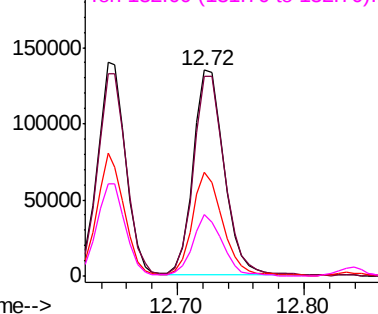
Abundance

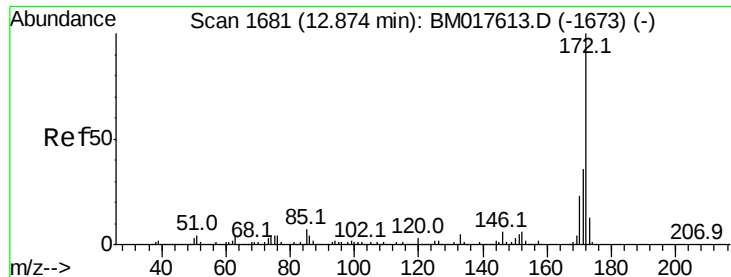
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

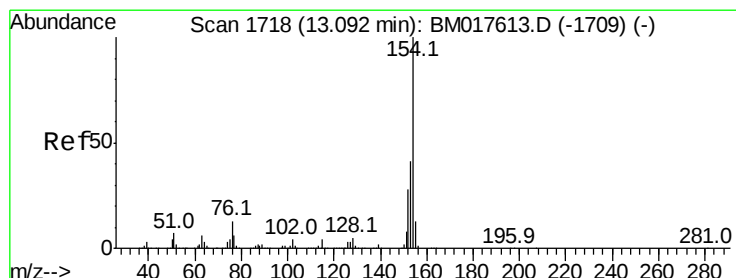
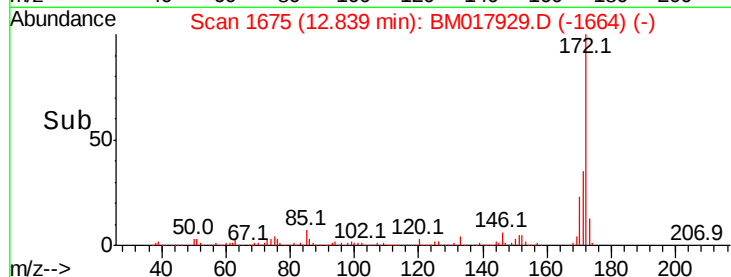
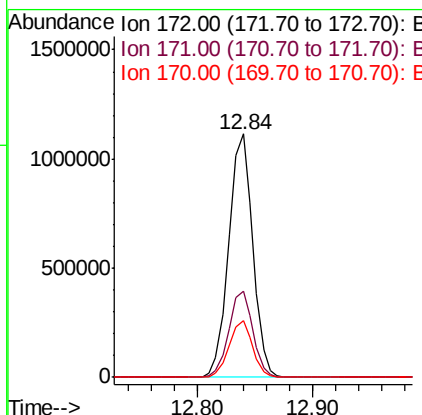
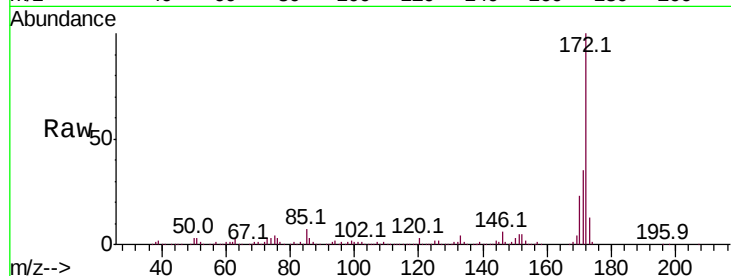




#45
2-Fluorobiphenyl
Concen: 92.584 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

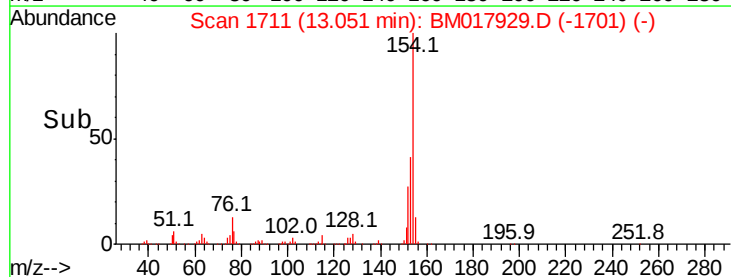
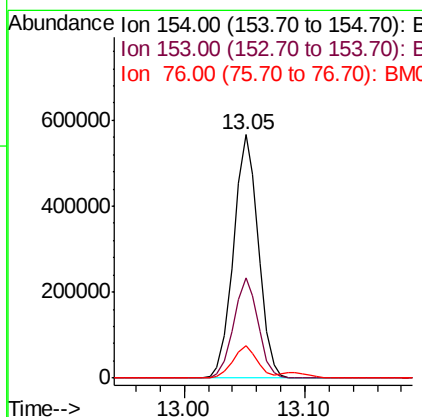
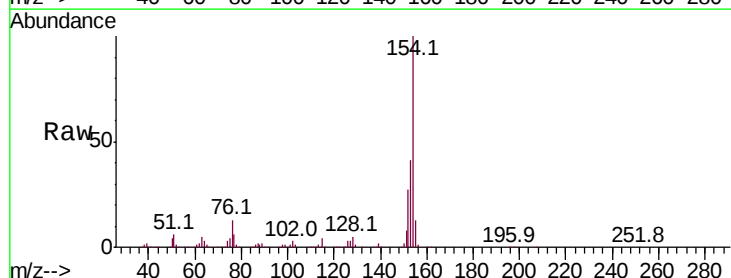
Instrument :
BNA_M
ClientSampled :

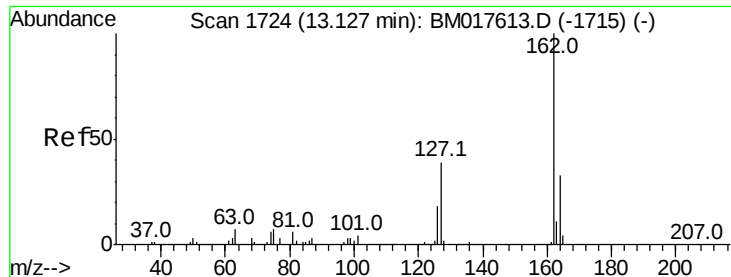
Tot Ion:172 Resp: 1601433
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.1 18.3 27.5



#46
1,1'-Biphenyl
Concen: 40.264 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion:154 Resp: 811020
Ion Ratio Lower Upper
154 100
153 41.2 20.8 60.8
76 13.3 0.0 32.8

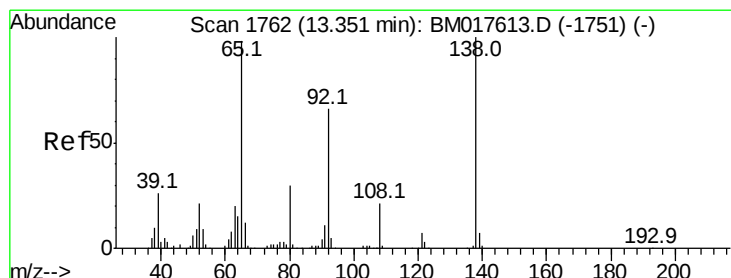
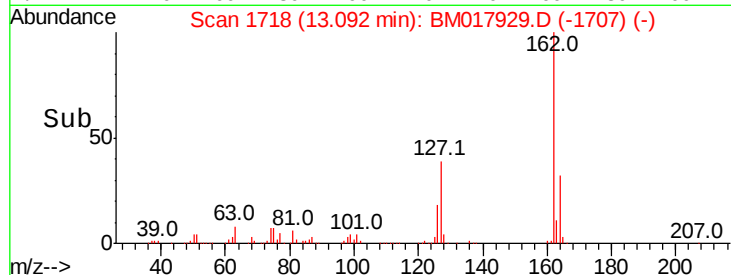
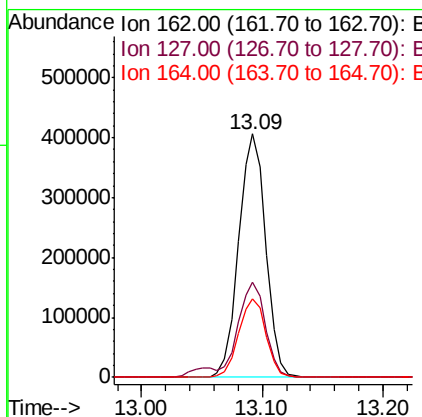
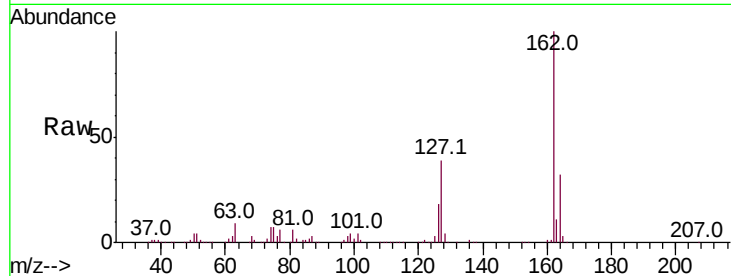




#47
2-Chloronaphthalene
Concen: 42.354 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

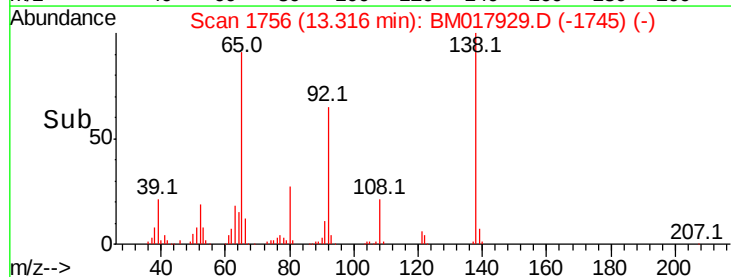
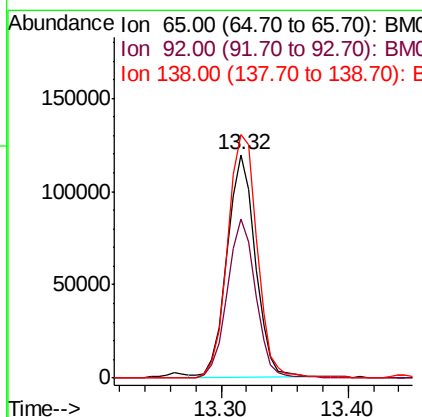
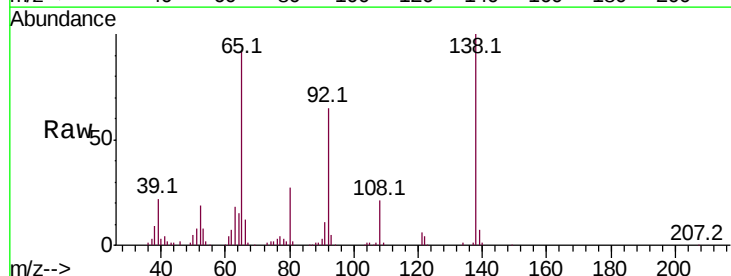
Instrument :
BNA_M
ClientSampleId :

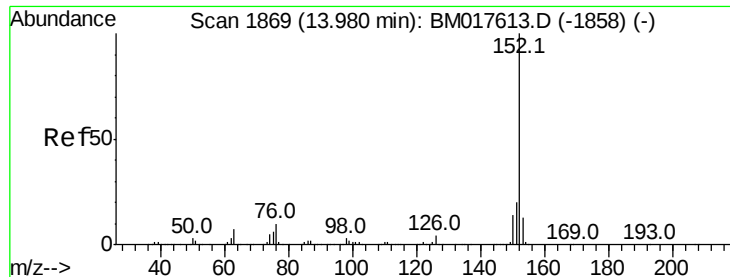
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	32.6	48.8
164	32.0	26.5	39.7



#48
2-Nitroaniline
Concen: 40.084 ng
RT: 13.32 min Scan# 1756
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.7	80.5
138	108.9	81.5	122.3





#49

Acenaphthylene

Concen: 45.681 ng

RT: 13.94 min Scan# 1863

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

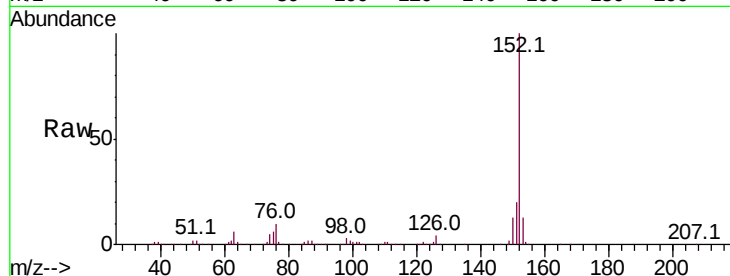
Tot Ion:152 Resp: 1026116

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

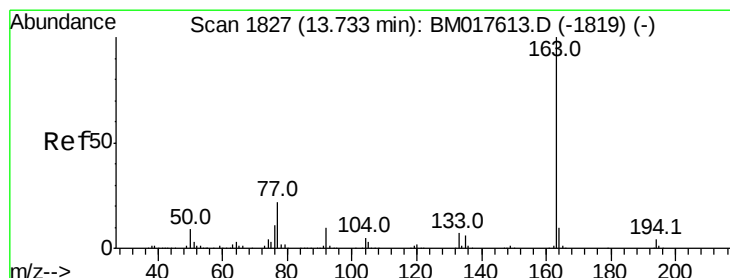
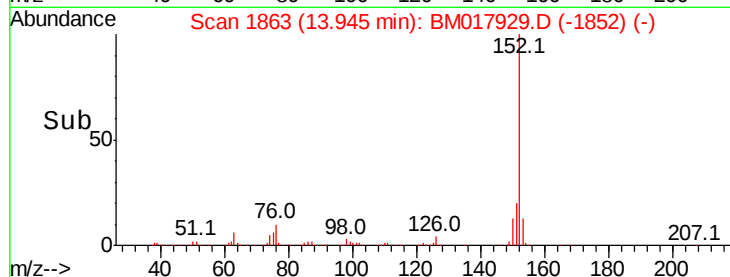
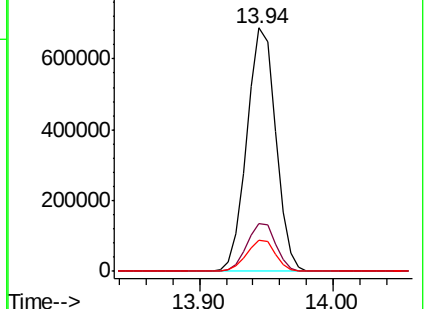
153 13.0 10.5 15.7



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: 41.191 ng

RT: 13.70 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

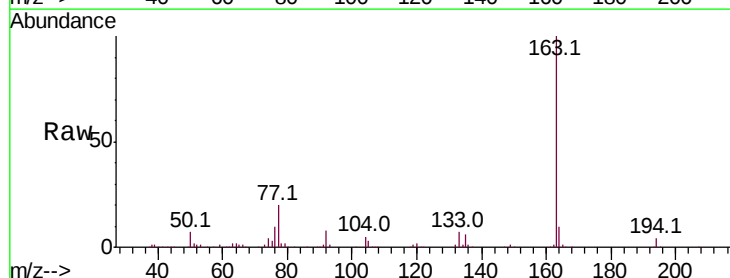
Tgt Ion:163 Resp: 751519

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

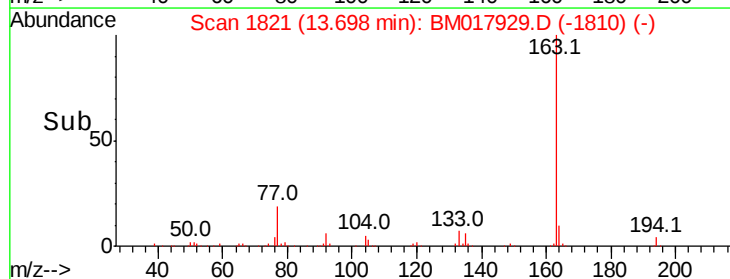
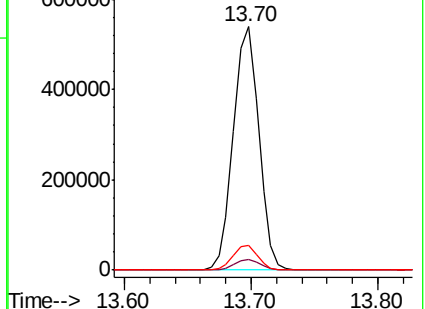
164 10.1 8.2 12.4

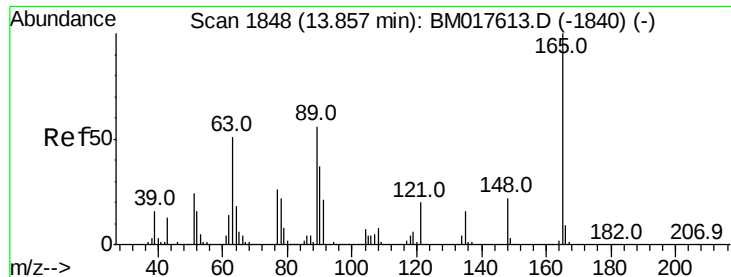


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

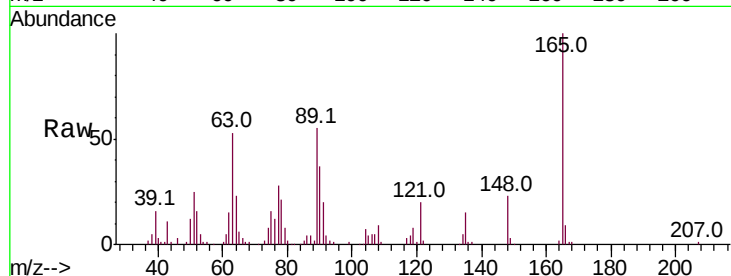




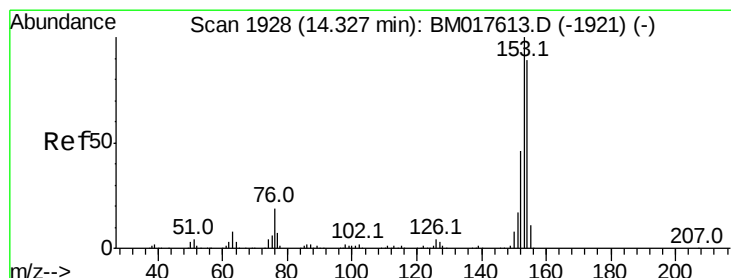
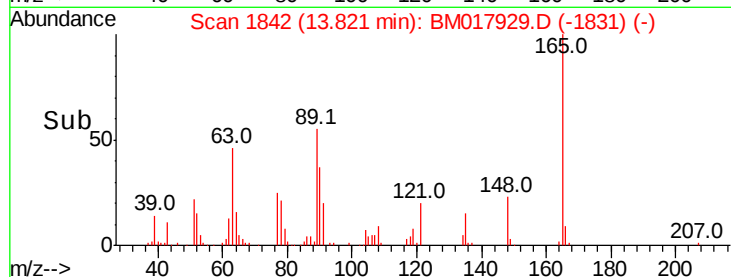
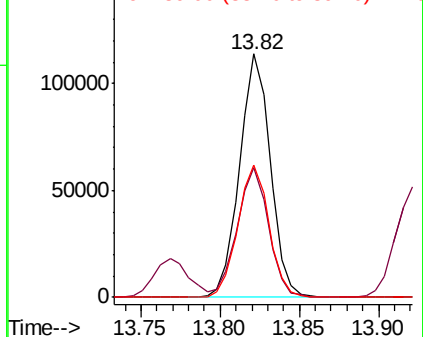
#51
 2,6-Dinitrotoluene
 Concen: 37.702 ng
 RT: 13.82 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 153170
 Ion Ratio Lower Upper
 165 100
 63 53.0 47.3 70.9
 89 54.6 44.8 67.2

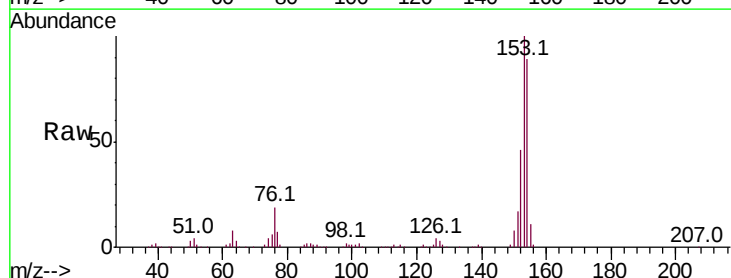


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM

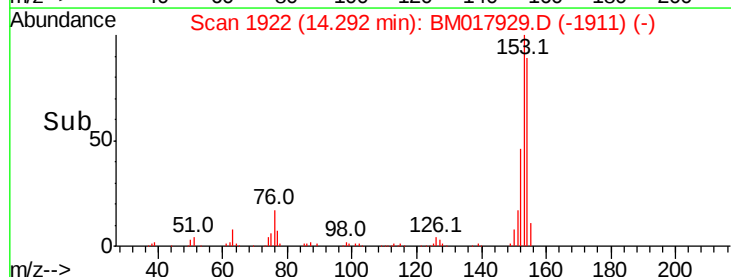
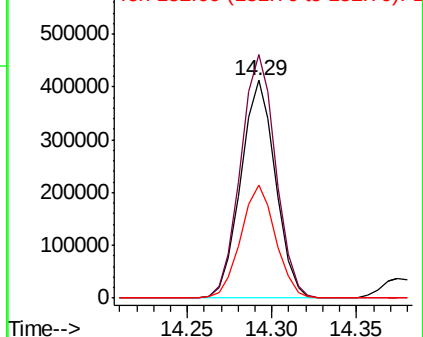


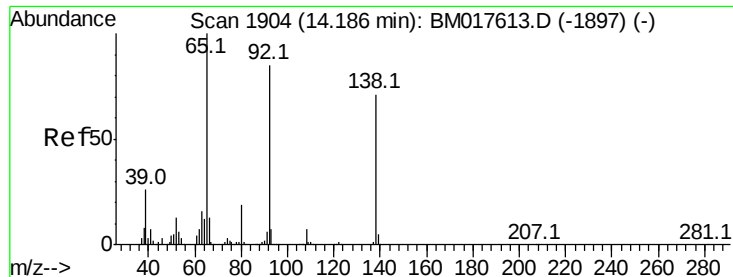
#52
 Acenaphthene
 Concen: 42.940 ng
 RT: 14.29 min Scan# 1922
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion:154 Resp: 591943
 Ion Ratio Lower Upper
 154 100
 153 111.9 90.2 135.4
 152 51.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.589 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

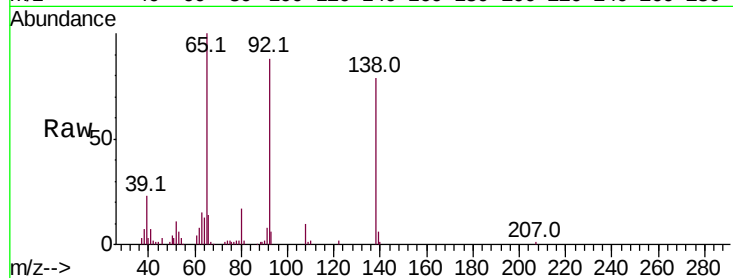
Tot Ion:138 Resp: 86645

Ion Ratio Lower Upper

138 100

108 12.4 8.2 12.2#

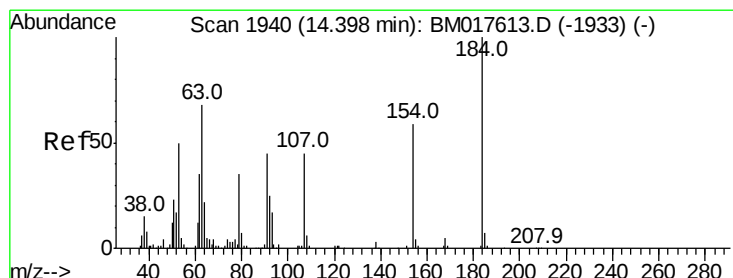
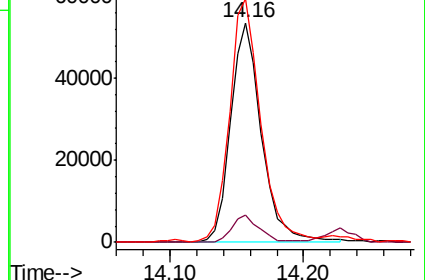
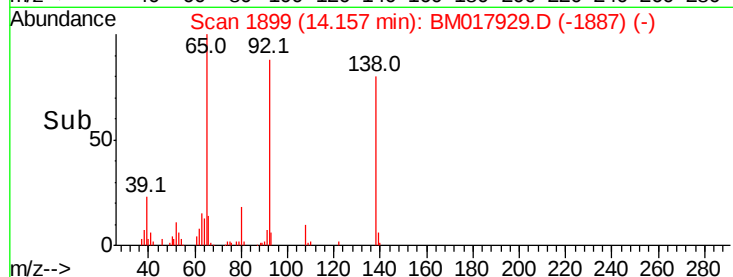
92 111.0 95.4 143.2



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: 43.317 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

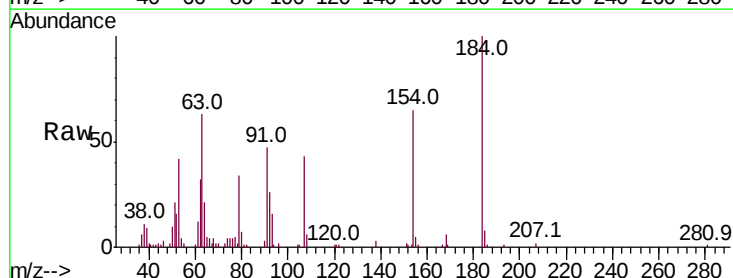
Tgt Ion:184 Resp: 98547

Ion Ratio Lower Upper

184 100

63 62.7 55.1 82.7

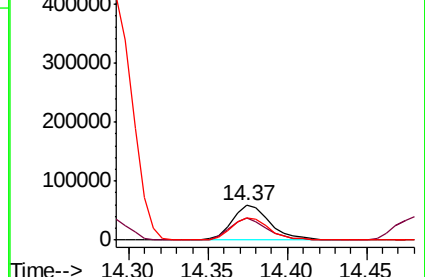
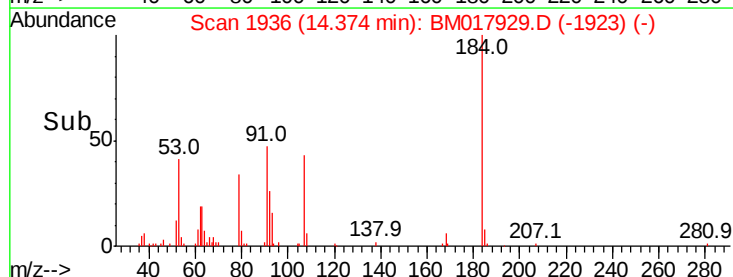
154 65.3 51.3 76.9

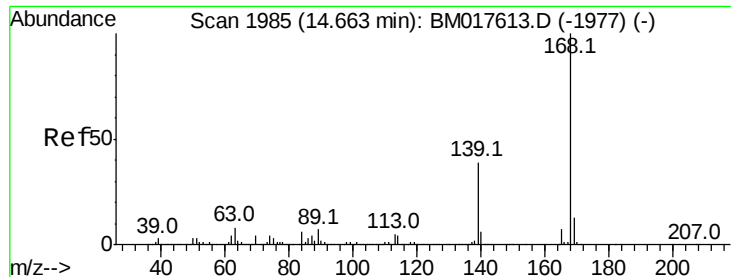


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

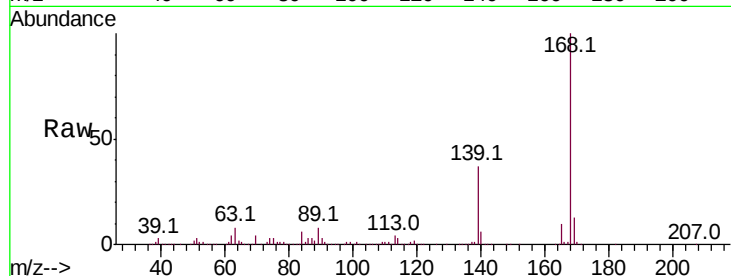




#55
Dibenzofuran
Concen: 41.778 ng
RT: 14.63 min Scan# 1980
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.0	46.6
169	12.8	10.6	16.0

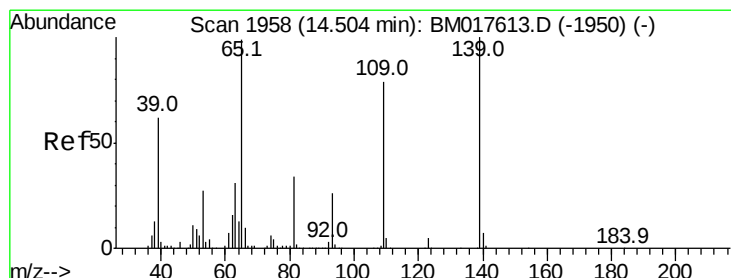
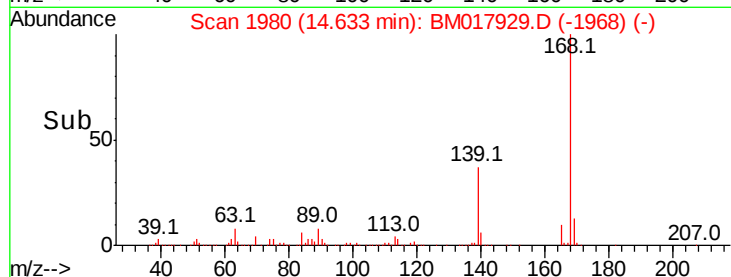
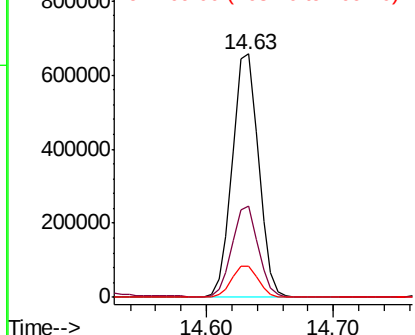


Abundance

Ion 168.00 (167.70 to 168.70): E

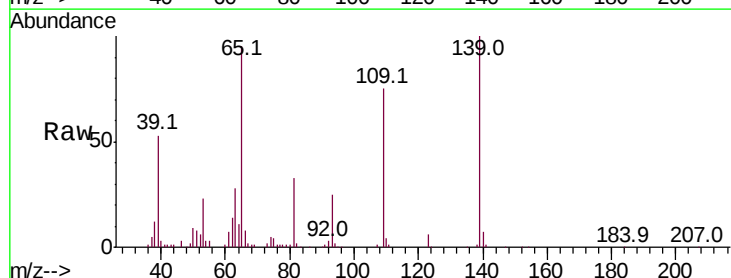
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 72.376 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.2	58.6	98.6
65	94.7	79.5	119.5

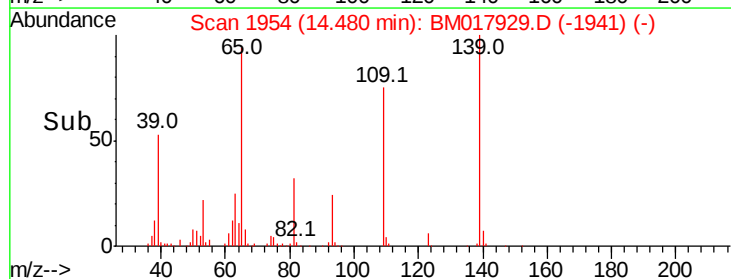
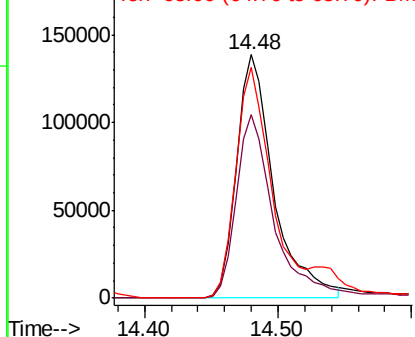


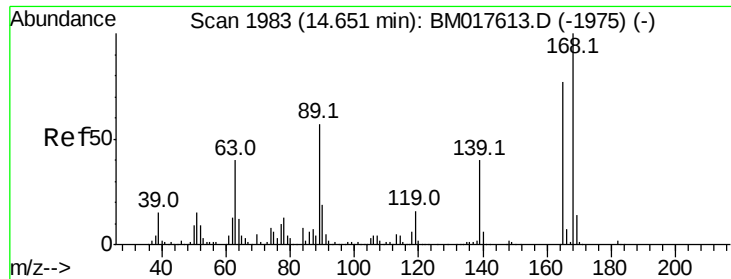
Abundance

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

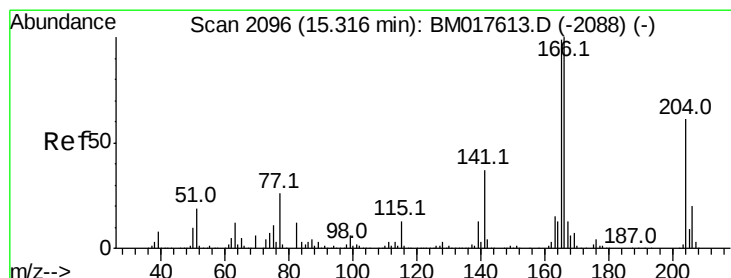
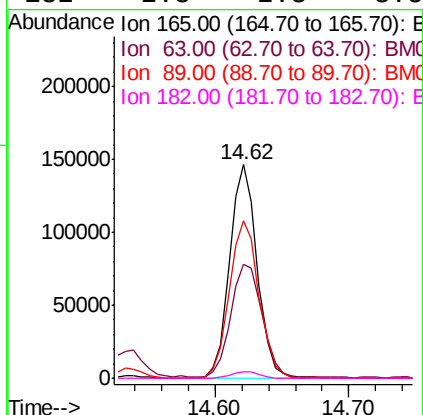
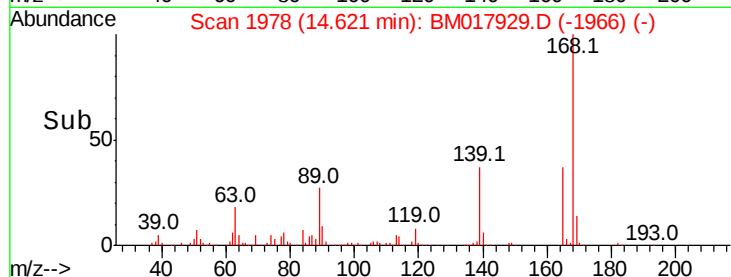
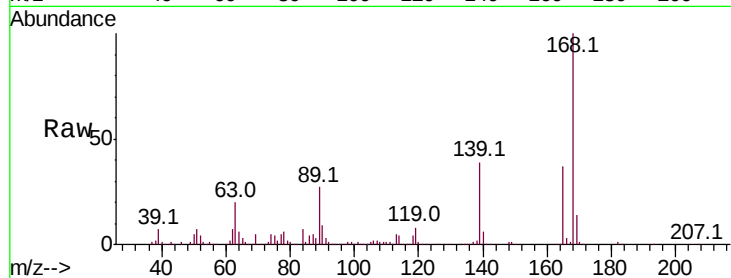




#57
2,4-Dinitrotoluene
Concen: 38.415 ng
RT: 14.62 min Scan# 1978
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

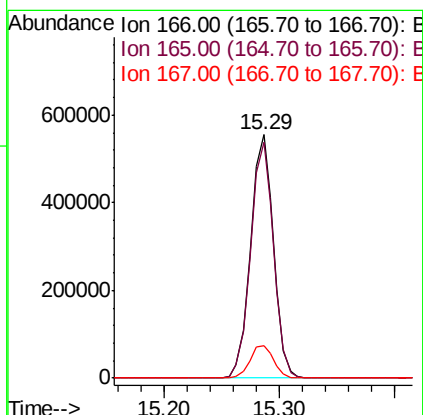
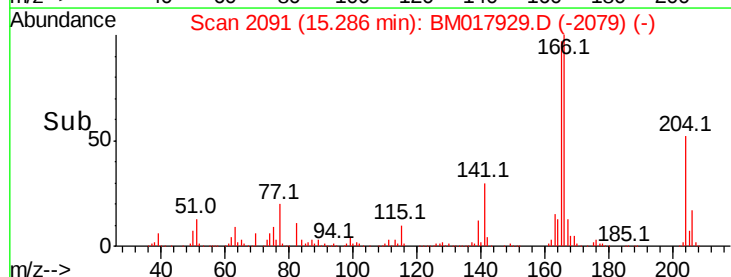
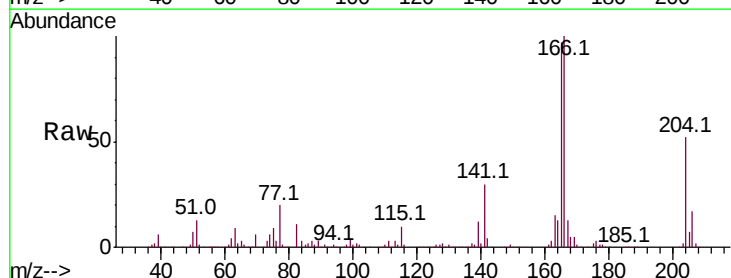
Instrument :
BNA_M
ClientSampleId :

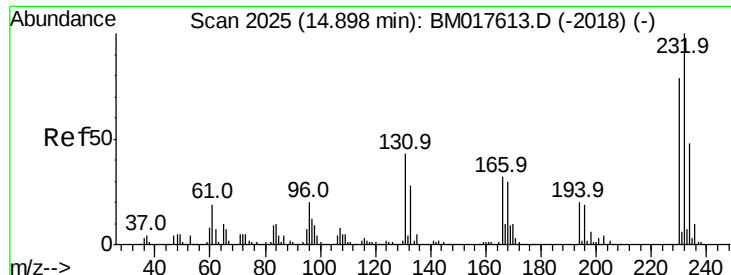
Tot Ion:165 Resp: 210375
Ion Ratio Lower Upper
165 100
63 53.6 41.8 62.8
89 73.9 59.5 89.3
182 2.8 2.3 3.5



#58
Fluorene
Concen: 44.141 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion:166 Resp: 761288
Ion Ratio Lower Upper
166 100
165 97.0 79.0 118.6
167 13.3 10.8 16.2

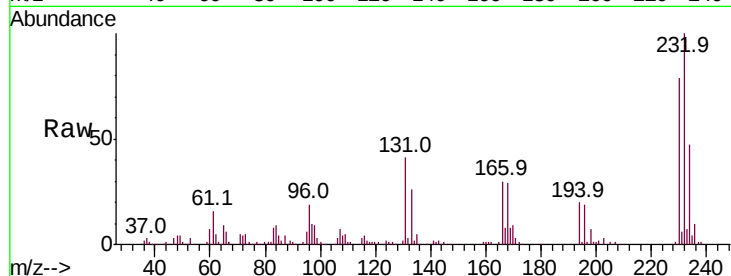




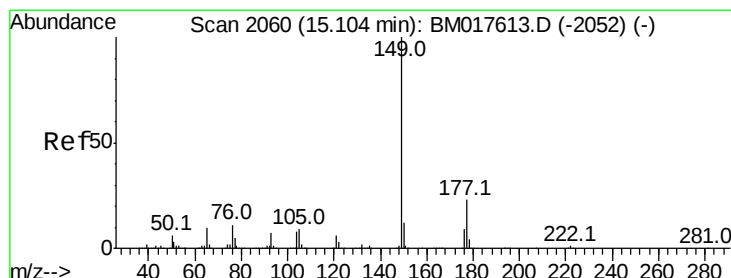
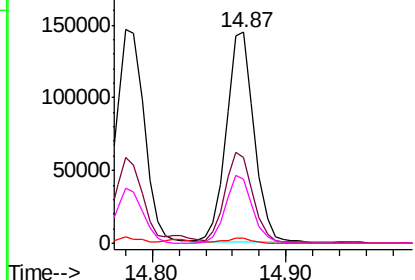
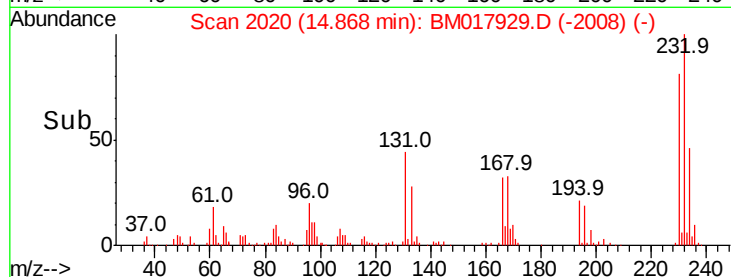
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.821 ng
 RT: 14.87 min Scan# 2020
 Delta R.T. -0.03 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	232	Resp:	210934
Ion	Ratio	Lower	Upper
232	100		
131	42.9	34.8	52.2
130	2.3	1.9	2.9
166	31.3	25.3	37.9

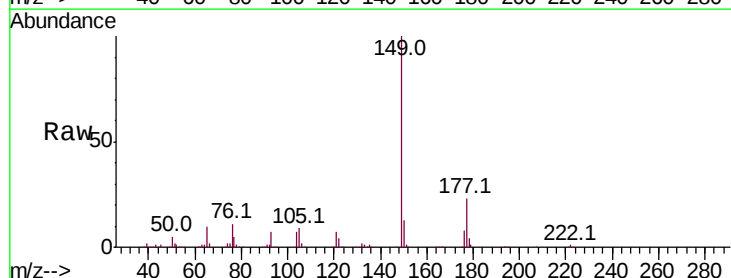


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

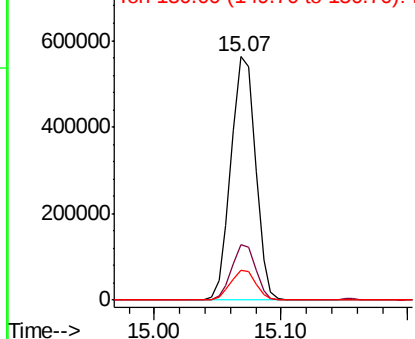
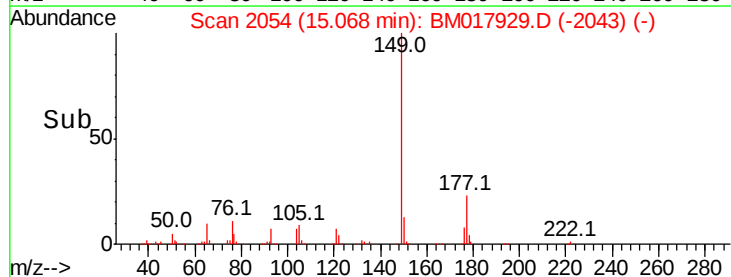


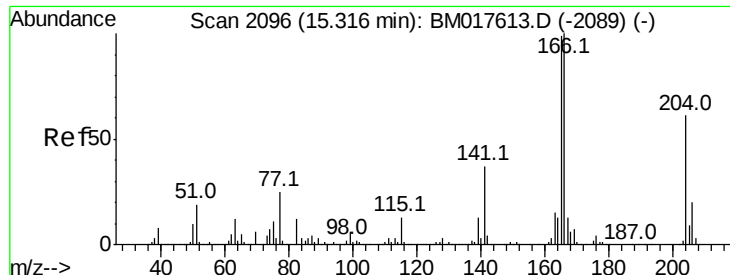
#60
 Diethylphthalate
 Concen: 38.343 ng
 RT: 15.07 min Scan# 2054
 Delta R.T. -0.04 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion:	149	Resp:	755860
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.1	27.1
150	12.5	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

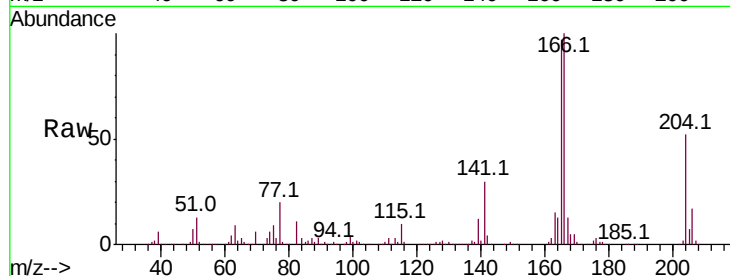




#61
 4-Chlorophenyl-phenylether
 Concen: 39.044 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.9	38.9
141	58.3	47.9	71.9

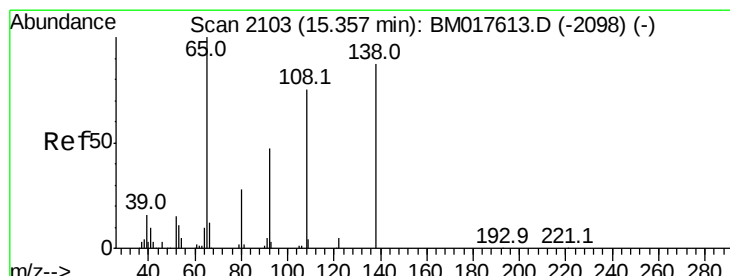
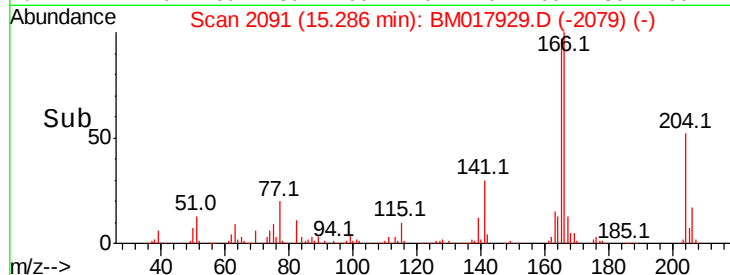
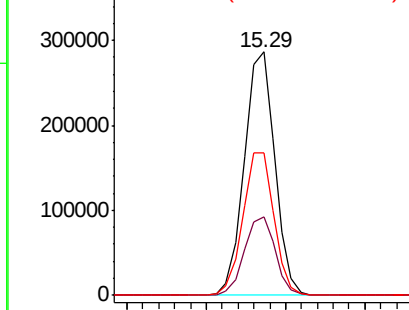


Abundance

Ion 204.00 (203.70 to 204.70): E

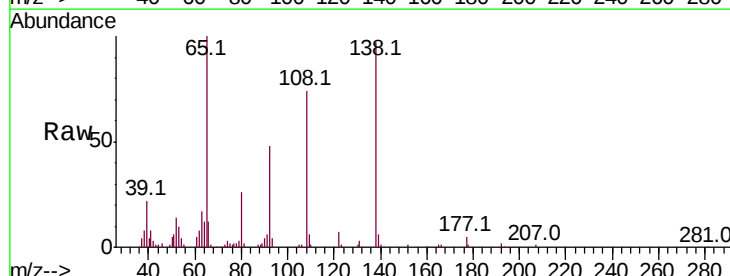
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.215 ng
 RT: 15.33 min Scan# 2098
 Delta R.T. -0.03 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	33.4	73.4
108	76.9	64.3	104.3

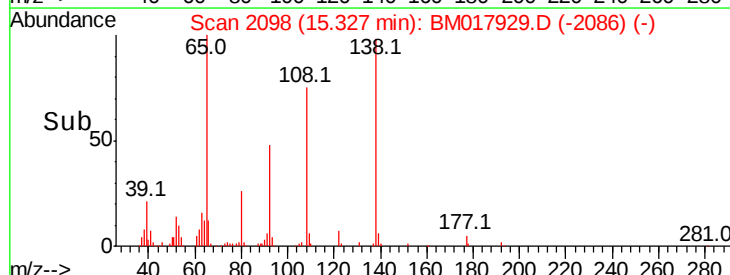
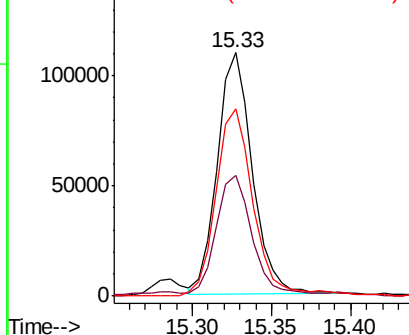


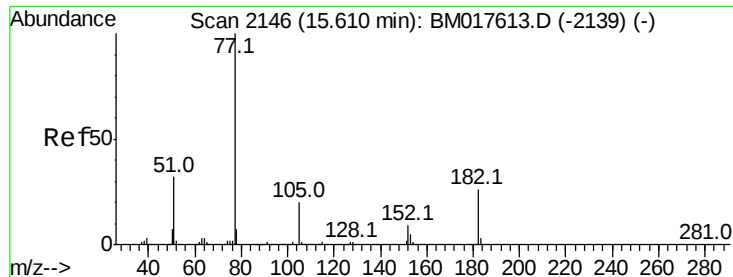
Abundance

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: 38.235 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 696770

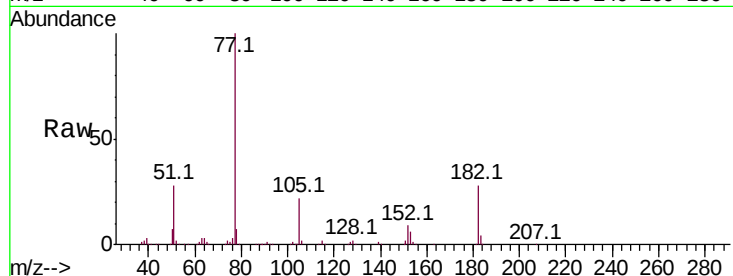
Ion Ratio Lower Upper

77 100

182 27.9 5.8 45.8

105 21.8 0.0 40.0

51 27.8 12.5 52.5

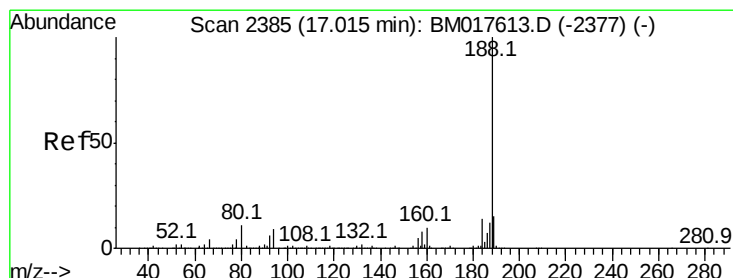
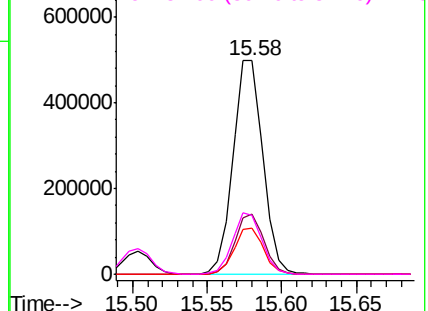
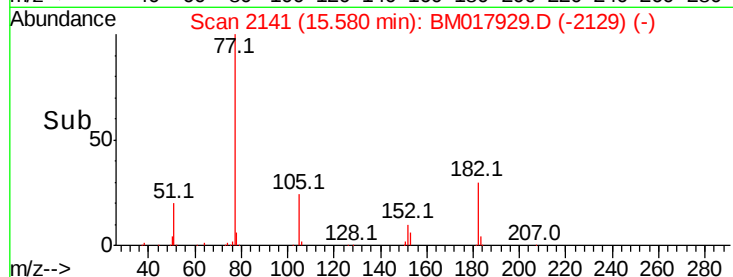


Abundance Ion 77.00 (76.70 to 77.70): BM017613.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM017613.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM017613.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM017613.D (-2139) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

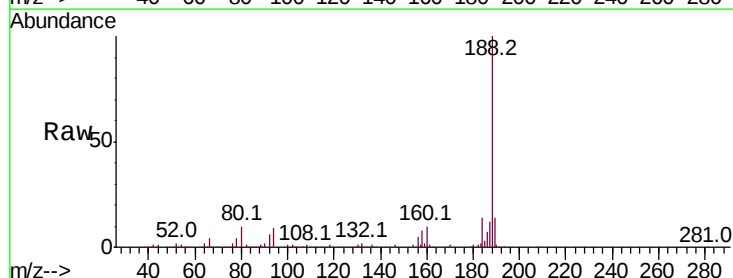
Tgt Ion: 188 Resp: 474032

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

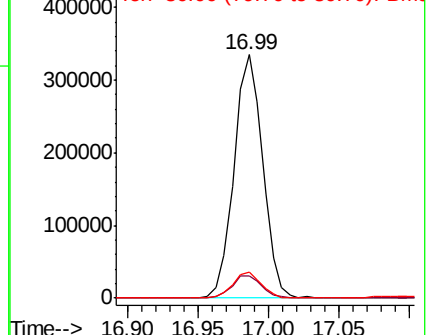
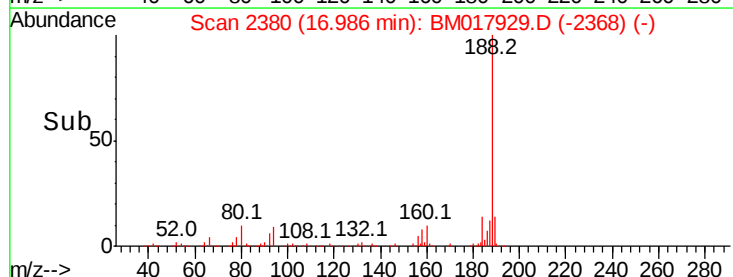
80 10.4 8.6 13.0

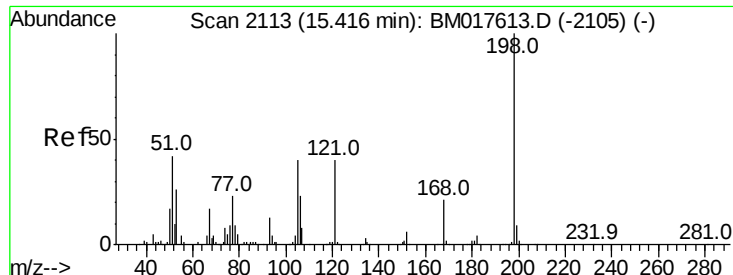


Abundance Ion 188.00 (187.70 to 188.70): BM017613.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017613.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017613.D (-2377) (-)

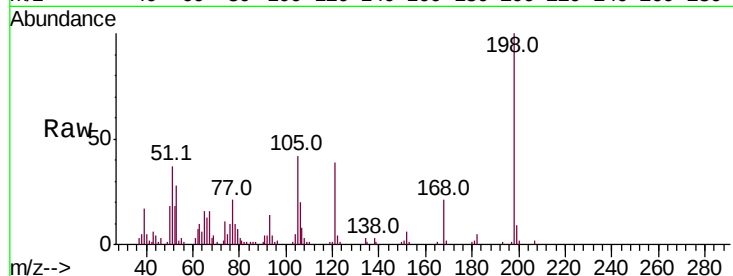




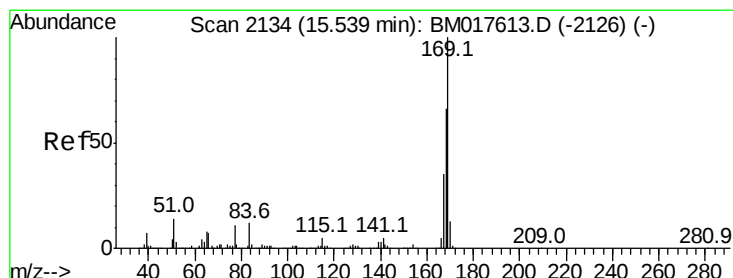
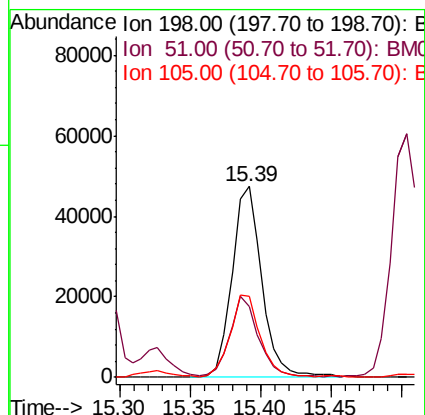
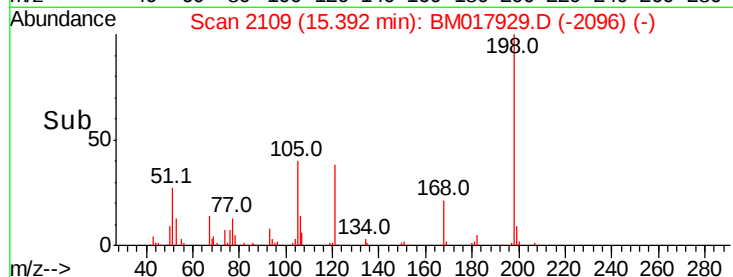
#65
4,6-Dinitro-2-methylphenol
Concen: 21.281 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.02 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.2	25.9	65.9
105	42.4	20.6	60.6

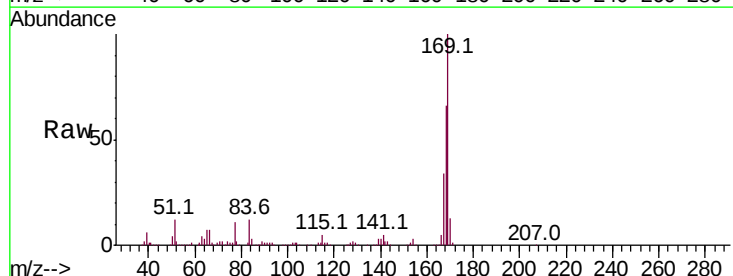


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

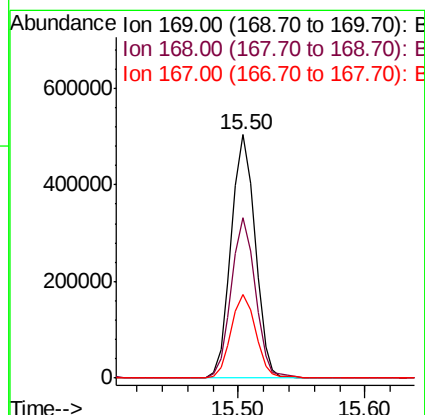
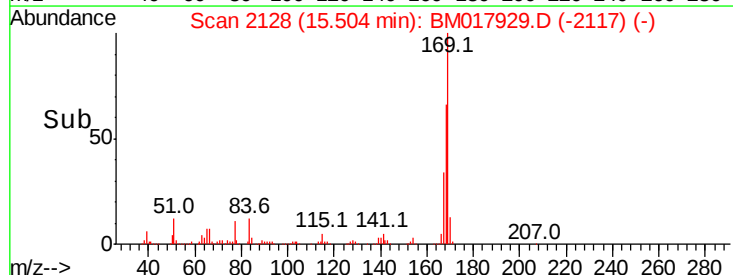


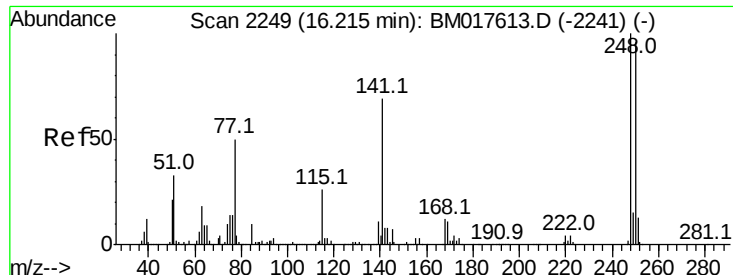
#66
n-Nitrosodiphenylamine
Concen: 43.370 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.0	79.6
167	34.1	28.0	42.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

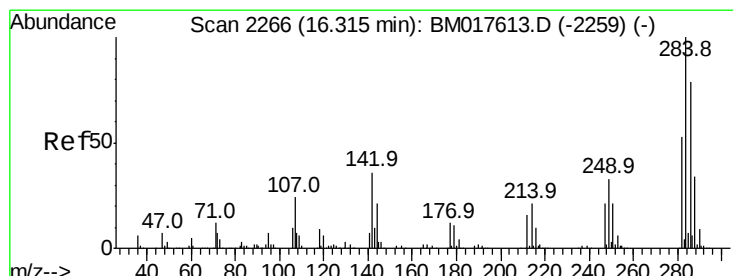
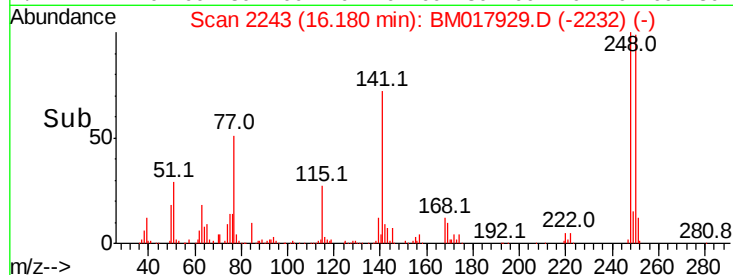
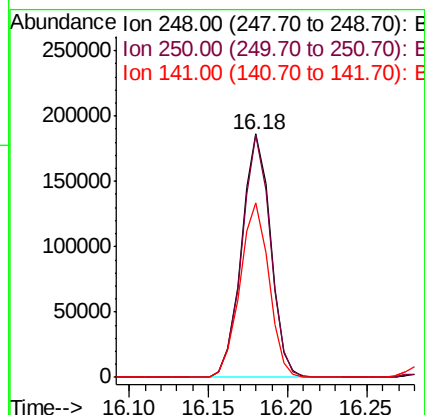
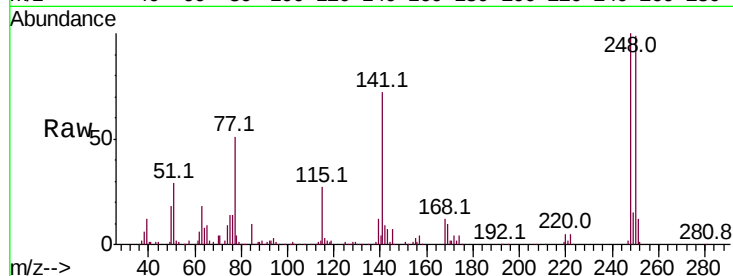




#67
4-Bromophenyl-phenylether
Concen: 42.213 ng
RT: 16.18 min Scan# 2243
Delta R.T. -0.04 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

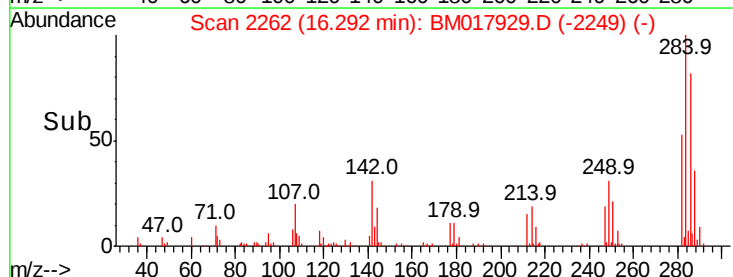
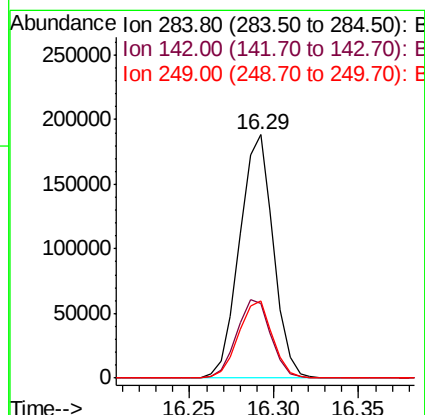
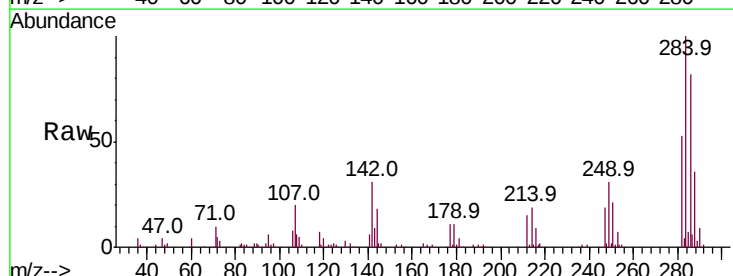
Instrument :
BNA_M
ClientSampled :

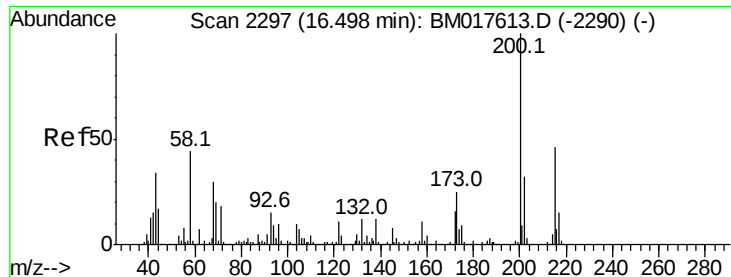
Tot Ion:248 Resp: 236661
Ion Ratio Lower Upper
248 100
250 99.3 76.5 114.7
141 71.7 54.9 82.3



#68
Hexachlorobenzene
Concen: 41.379 ng
RT: 16.29 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion:284 Resp: 261520
Ion Ratio Lower Upper
284 100
142 30.8 28.4 42.6
249 31.5 26.4 39.6





#69

Atrazine

Concen: 40.270 ng

RT: 16.47 min Scan# 2292

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampled :

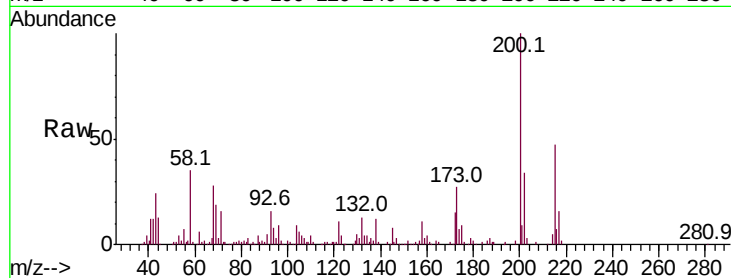
Tot Ion:200 Resp: 225738

Ion Ratio Lower Upper

200 100

173 26.6 5.1 45.1

215 46.6 25.8 65.8

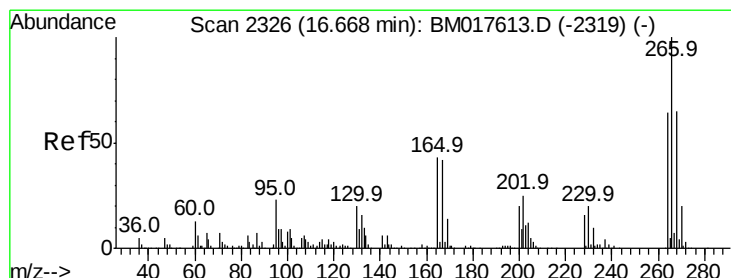
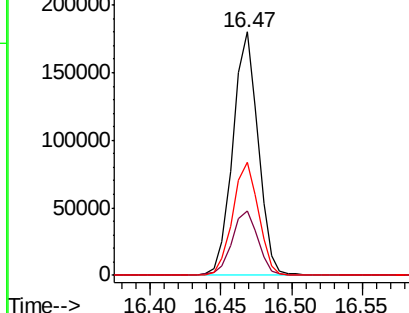
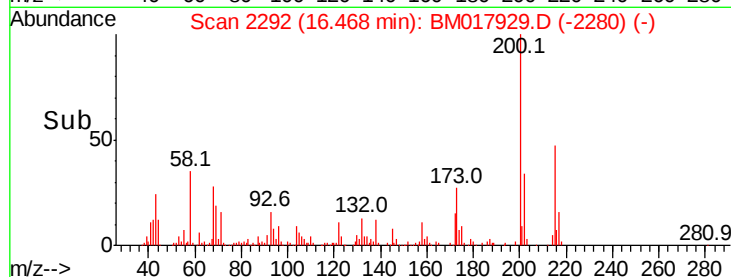


Abundance

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: 72.428 ng

RT: 16.64 min Scan# 2321

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

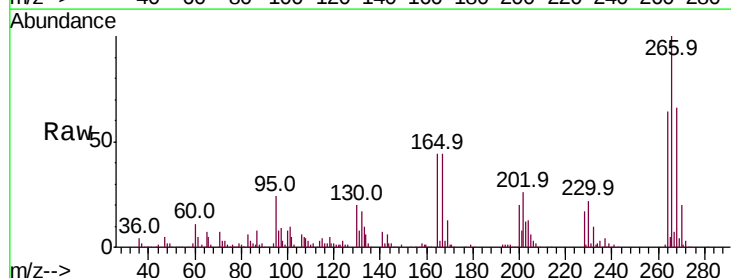
Tgt Ion:266 Resp: 320740

Ion Ratio Lower Upper

266 100

268 65.9 51.7 77.5

264 64.4 51.3 76.9

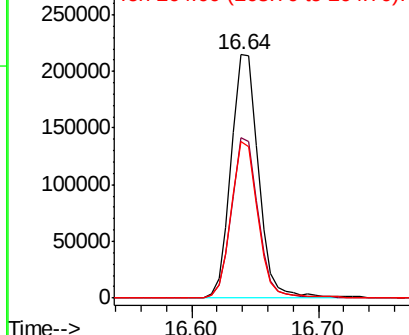
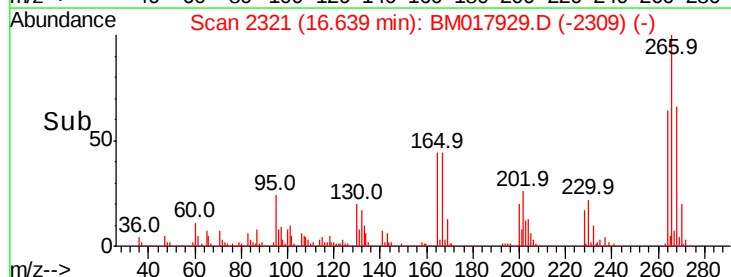


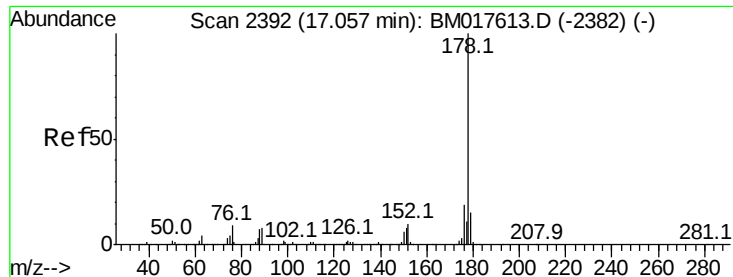
Abundance

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

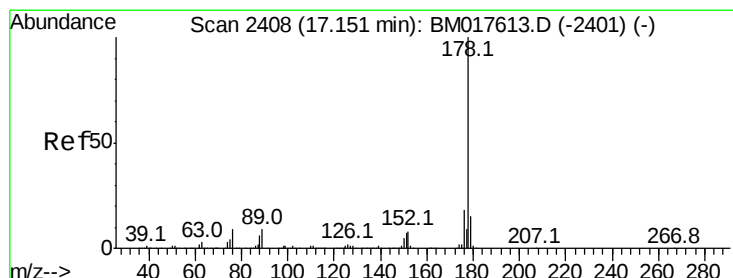
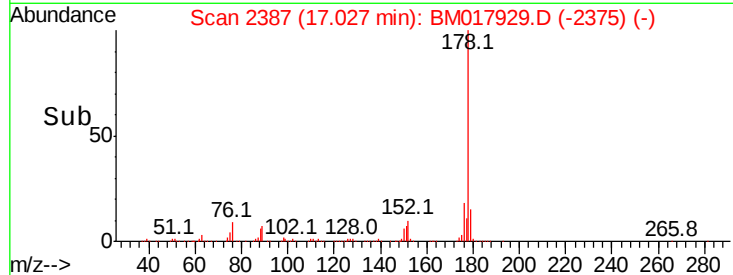
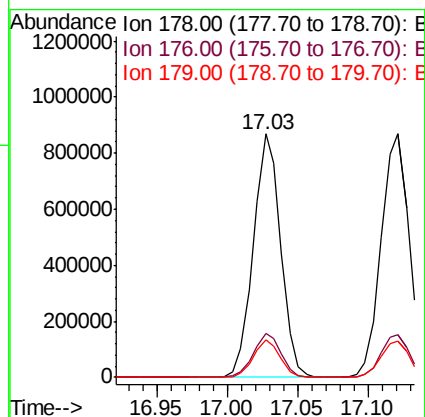
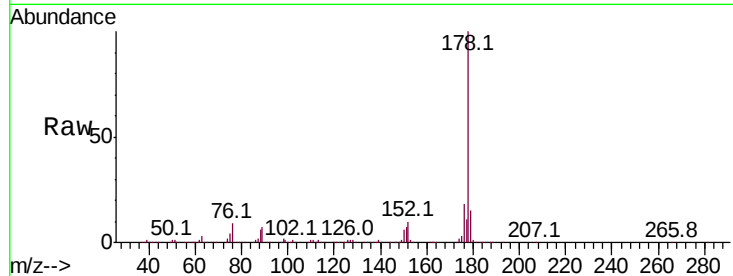




#71
Phenanthrene
Concen: 45.981 ng
RT: 17.03 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

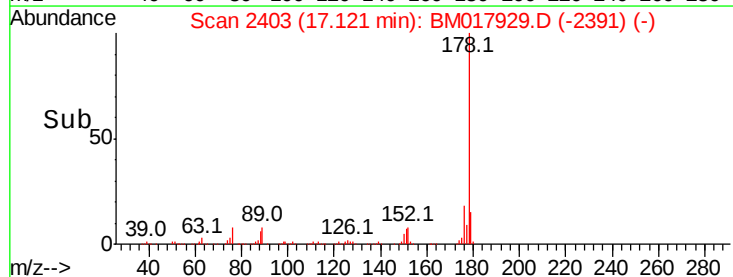
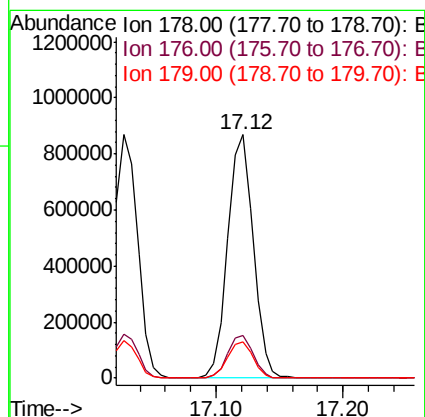
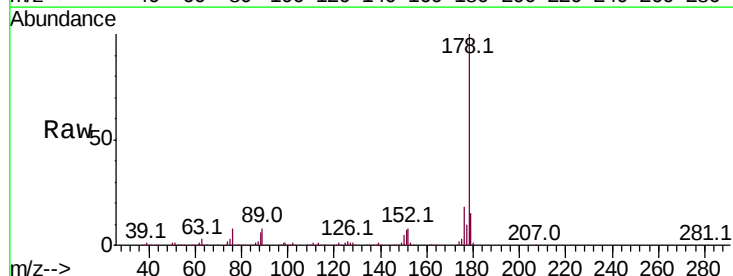
Instrument :
BNA_M
ClientSampled :

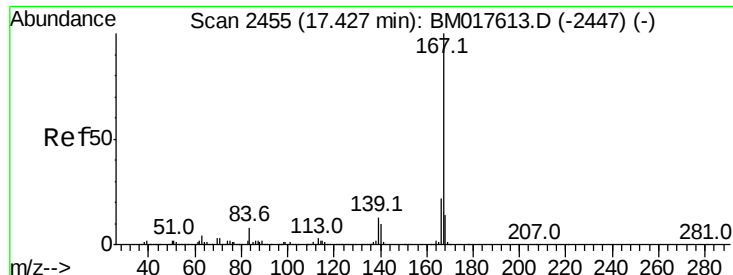
Tot Ion:178 Resp: 1182718
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 15.4 12.4 18.6



#72
Anthracene
Concen: 48.275 ng
RT: 17.12 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion:178 Resp: 1208307
Ion Ratio Lower Upper
178 100
176 17.5 14.5 21.7
179 14.9 12.3 18.5



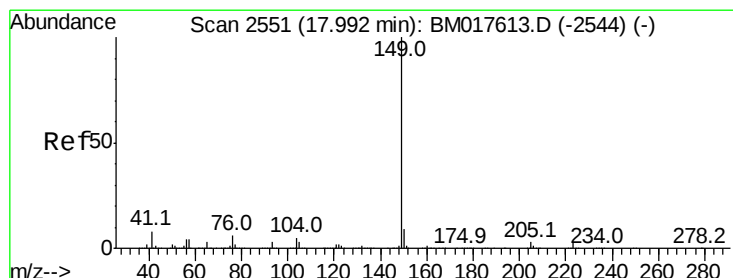
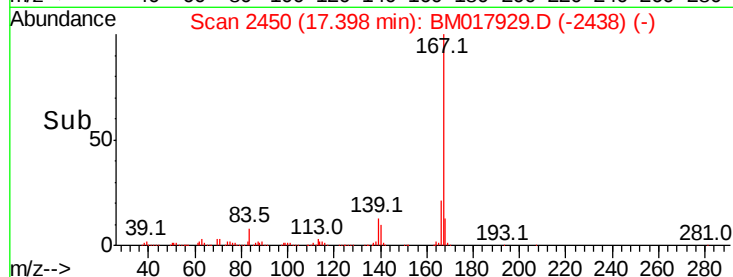
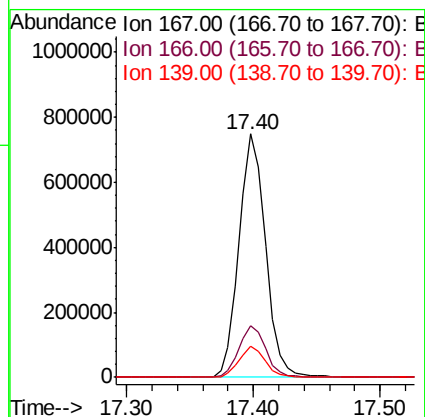
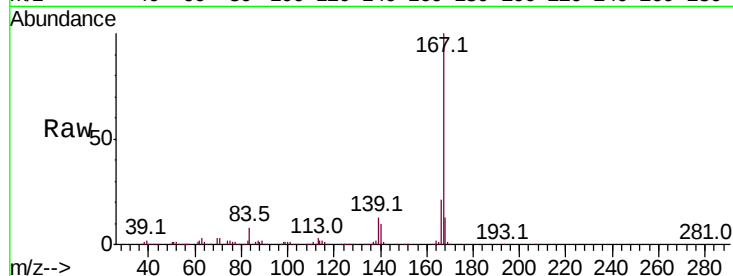


#73
 Carbazole
 Concen: 43.024 ng
 RT: 17.40 min Scan# 2450
 Delta R.T. -0.03 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 1088174

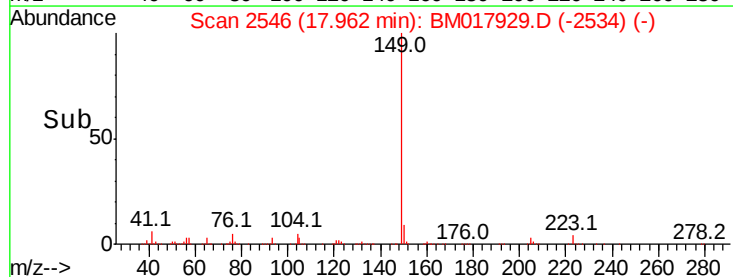
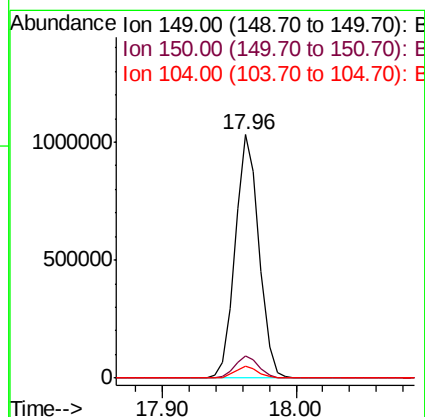
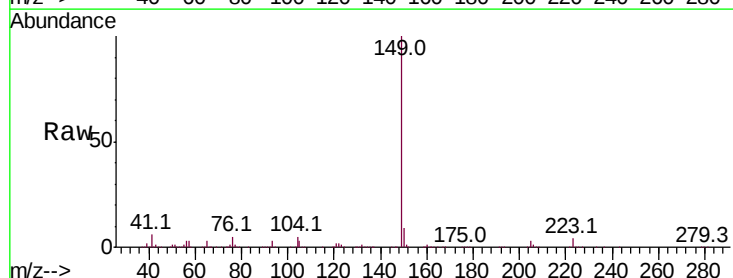
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.6	10.2	15.4

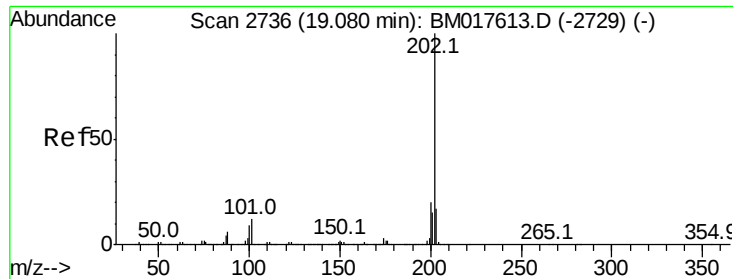


#74
 Di-n-butylphthalate
 Concen: 45.392 ng
 RT: 17.96 min Scan# 2546
 Delta R.T. -0.03 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion:149 Resp: 1278013

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	4.9	4.3	6.5





#75

Fluoranthene

Concen: 47.155 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.02 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampled :

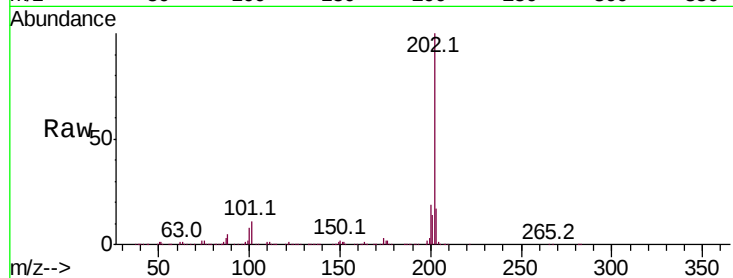
Tot Ion:202 Resp: 1372389

Ion Ratio Lower Upper

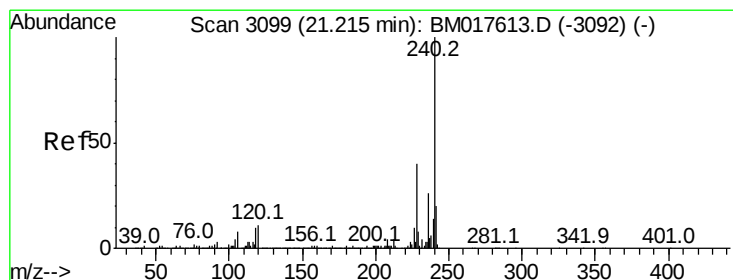
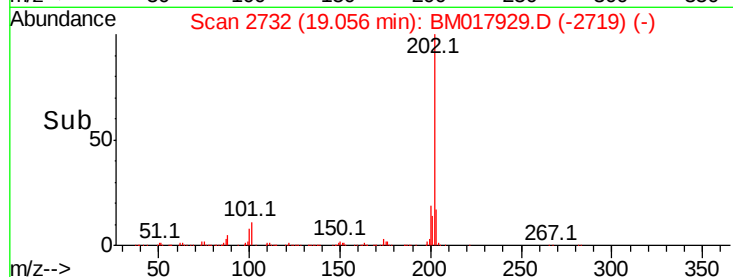
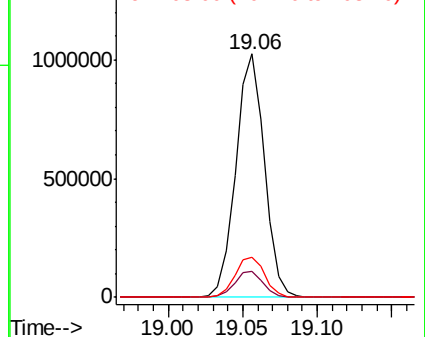
202 100

101 10.8 0.0 31.5

203 16.7 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

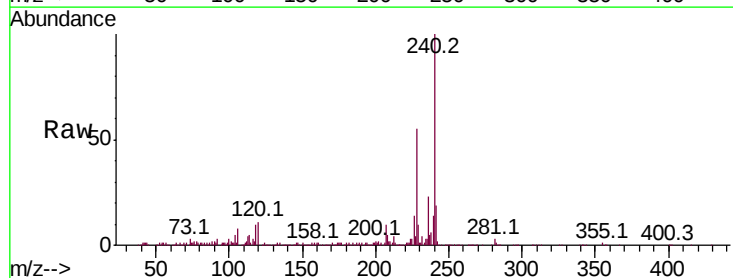
Tgt Ion:240 Resp: 529195

Ion Ratio Lower Upper

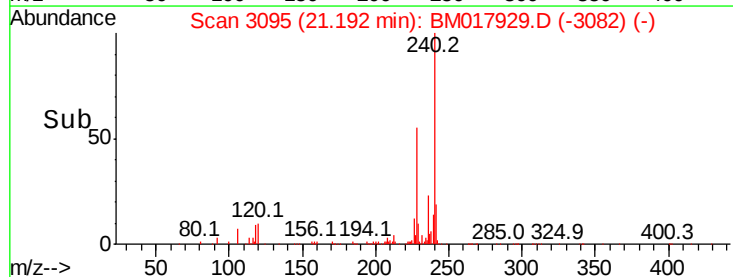
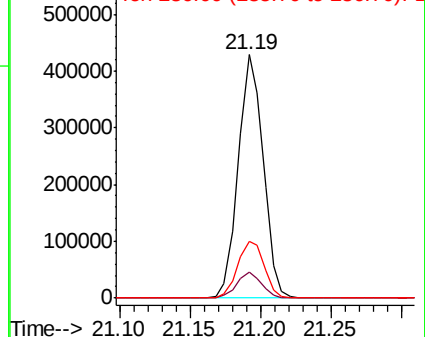
240 100

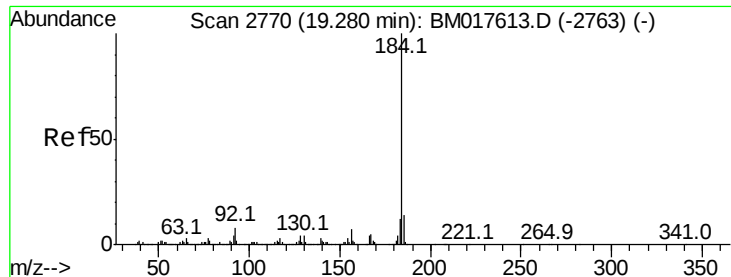
120 10.7 8.5 12.7

236 23.4 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

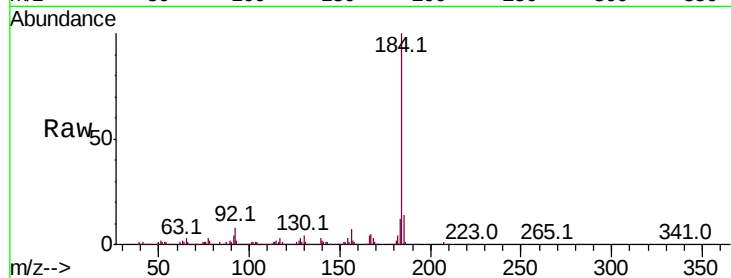




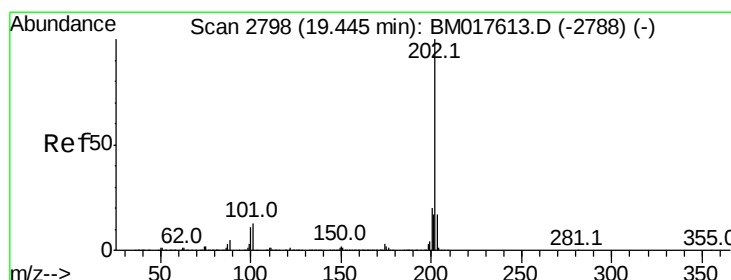
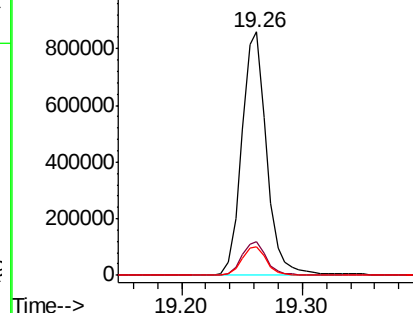
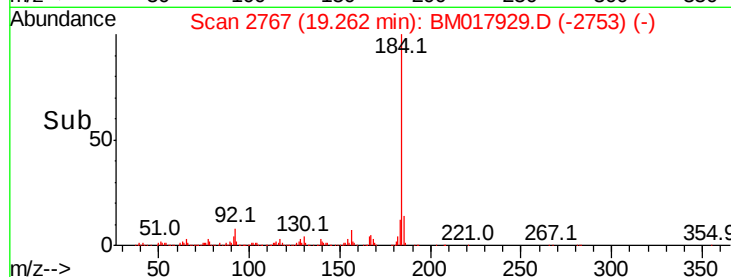
#77
Benzidine
Concen: 71.675 ng
RT: 19.26 min Scan# 2767
Delta R.T. -0.02 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 1235151
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 11.8 9.5 14.3

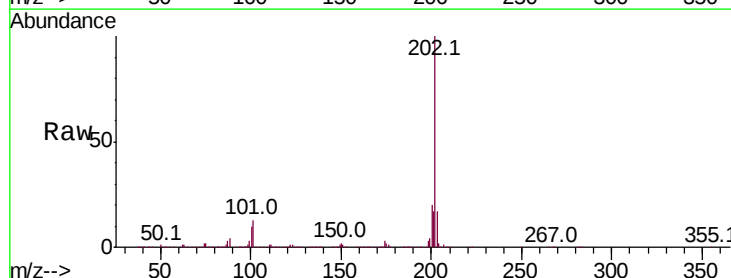


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

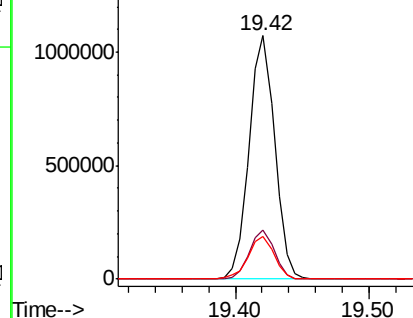
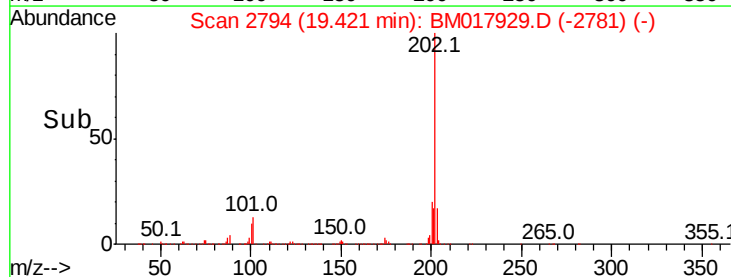


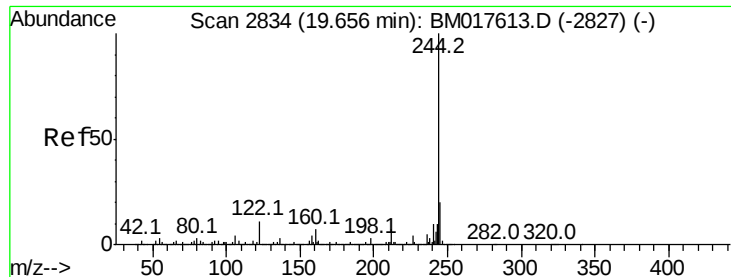
#78
Pyrene
Concen: 43.356 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.02 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion:202 Resp: 1415670
Ion Ratio Lower Upper
202 100
200 20.2 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: 91.293 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

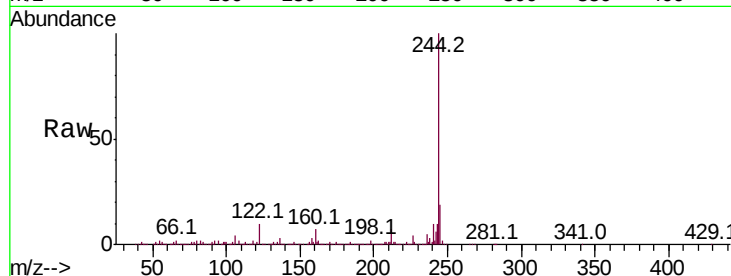
Instrument :

BNA_M

ClientSampled :

Tot Ion:244 Resp: 2131624

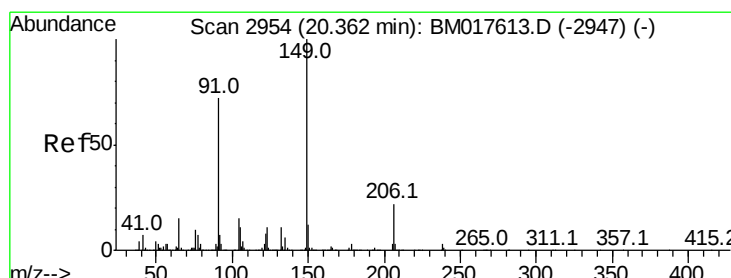
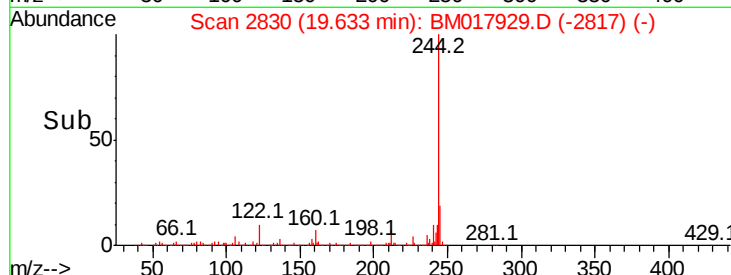
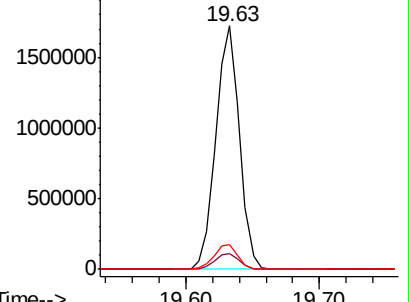
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	10.2	9.0	13.6



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: 44.930 ng

RT: 20.33 min Scan# 2949

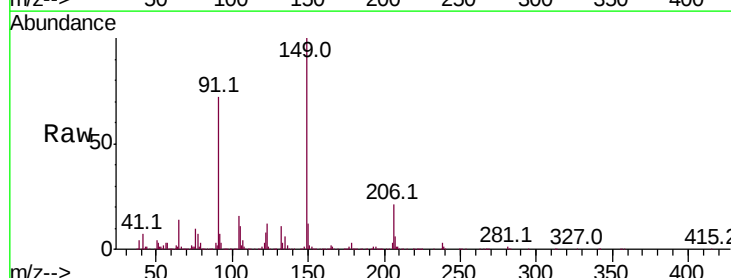
Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:149 Resp: 595859

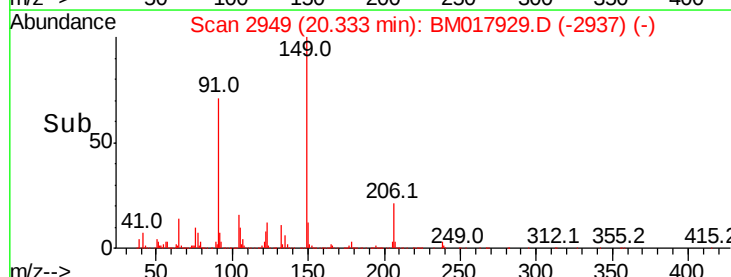
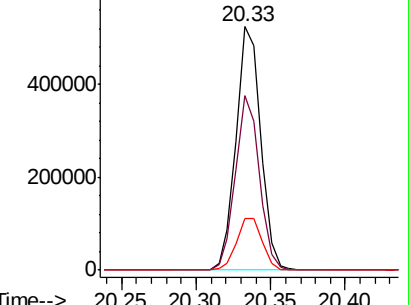
Ion	Ratio	Lower	Upper
149	100		
91	71.5	57.6	86.4
206	21.2	17.4	26.0

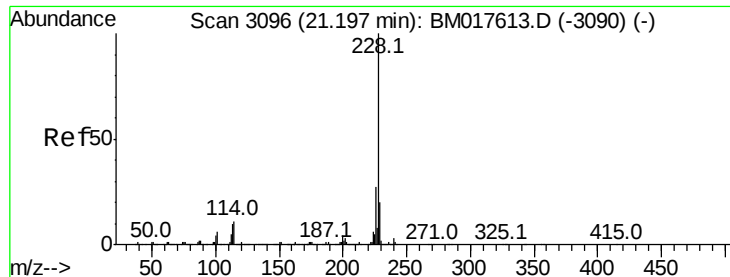


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.843 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.02 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

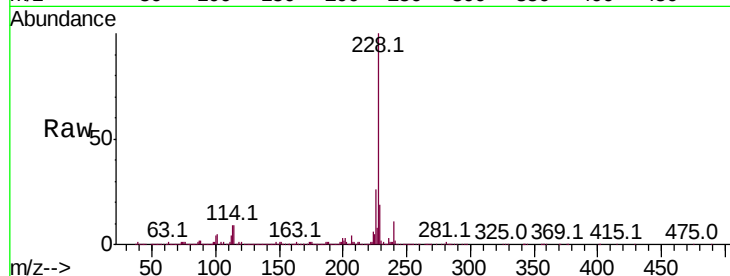
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 1397660

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	19.3	16.0	24.0

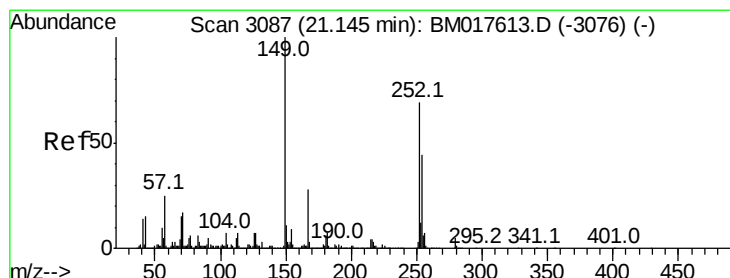
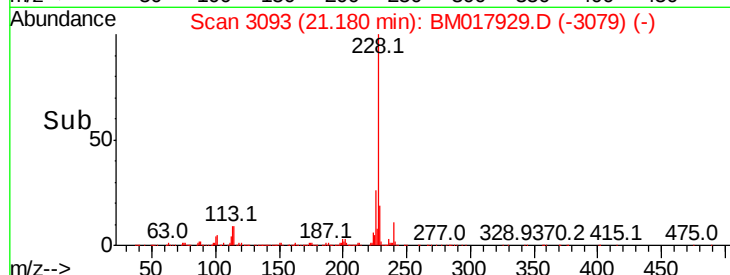
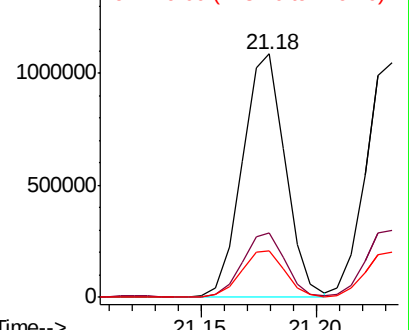


Abundance

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: 44.973 ng

RT: 21.12 min Scan# 3083

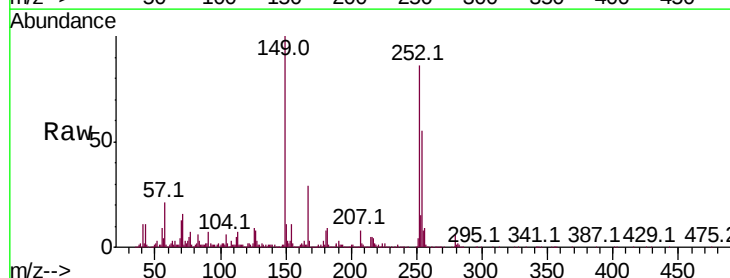
Delta R.T. -0.02 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:252 Resp: 529178

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	10.1	8.0	12.0

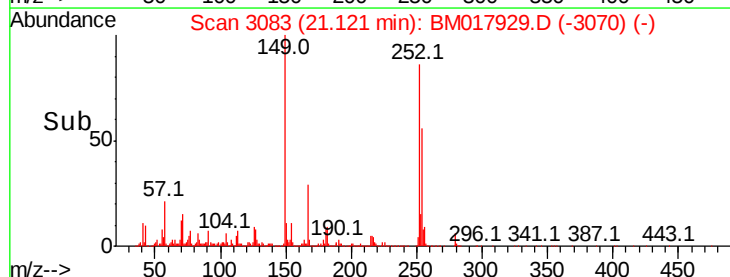
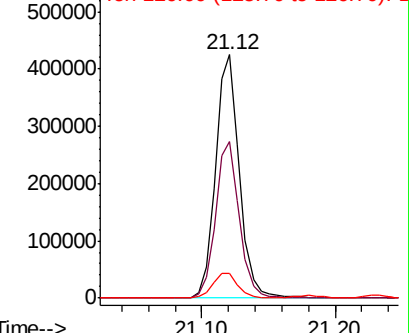


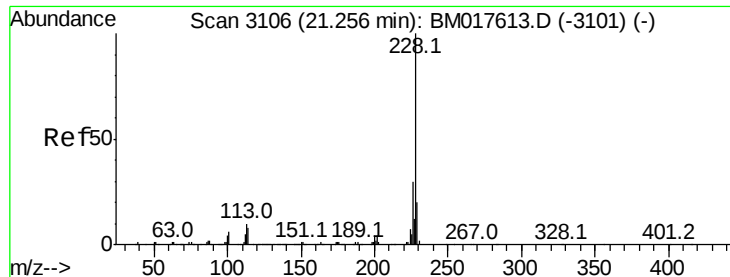
Abundance

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



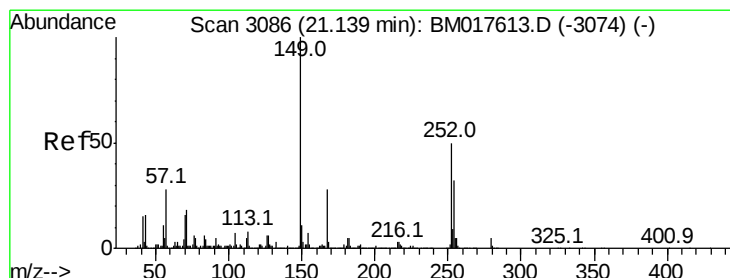
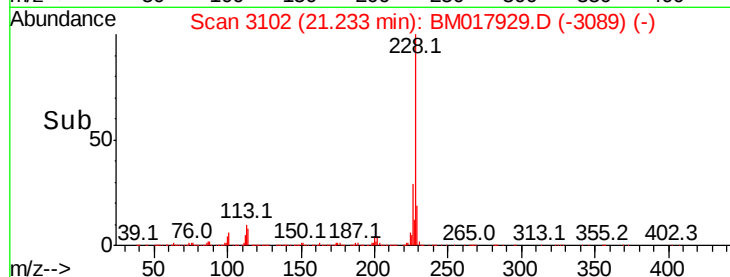
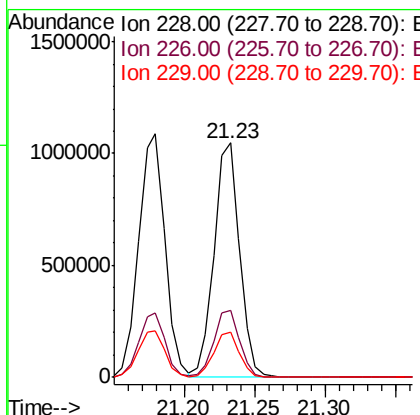
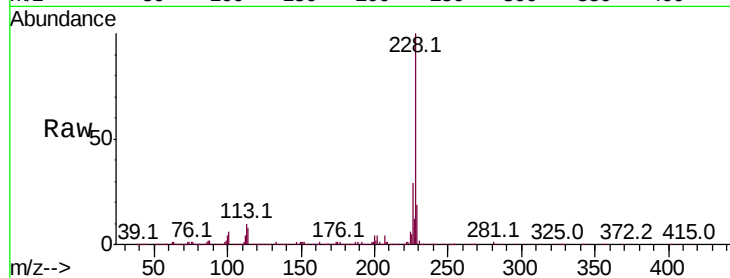


#83
 Chrysene
 Concen: 44.201 ng
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 1308881

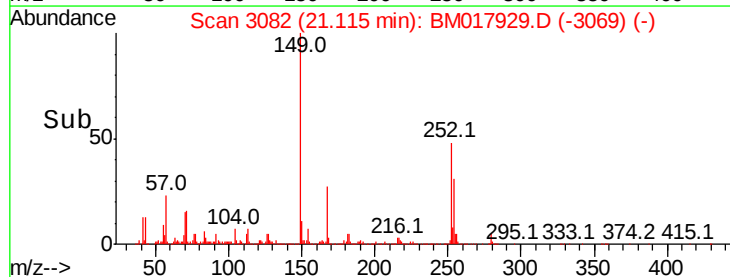
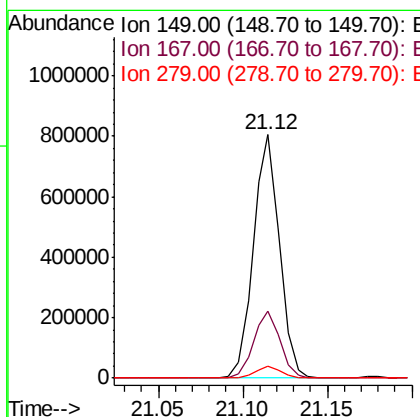
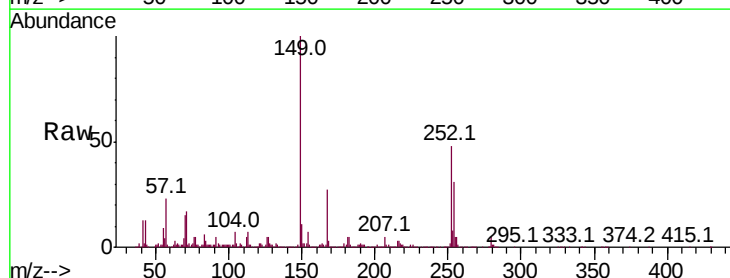
Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.6	35.4
229	19.3	15.8	23.6

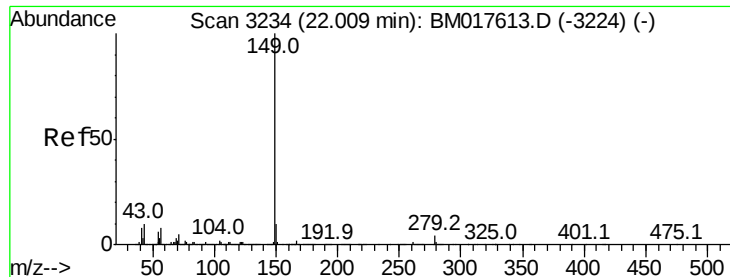


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.926 ng
 RT: 21.12 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: BM017929.D
 Acq: 05 Dec 2018 07:48

Tgt Ion:149 Resp: 861186

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.4
279	5.1	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 47.778 ng

RT: 21.98 min Scan# 3229

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampleId :

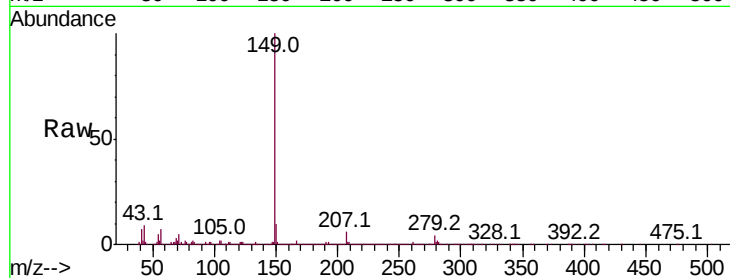
Tot Ion:149 Resp: 1499895

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

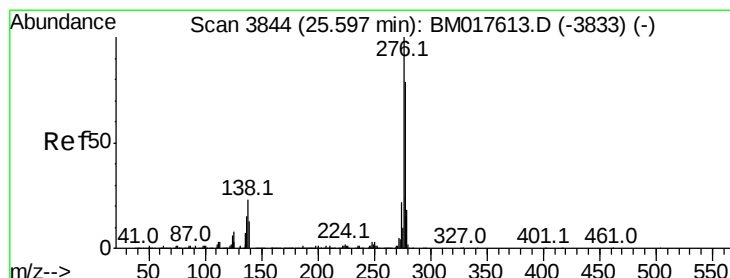
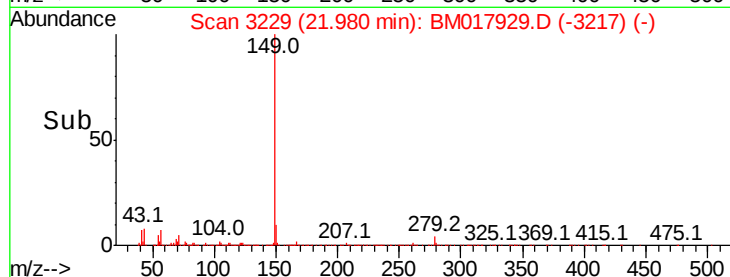
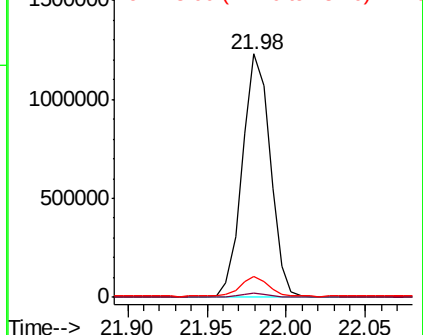
43 8.0 8.3 12.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 76.294 ng

RT: 25.56 min Scan# 3837

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

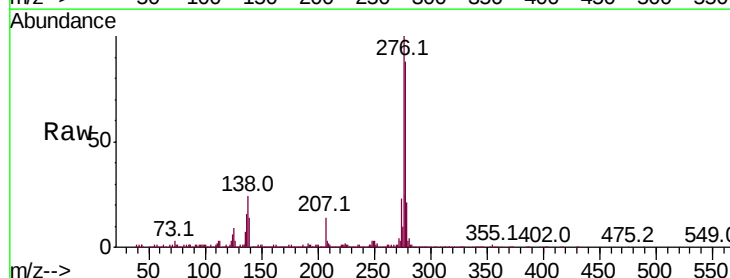
Tgt Ion:276 Resp: 1805328

Ion Ratio Lower Upper

276 100

138 23.7 19.1 28.7

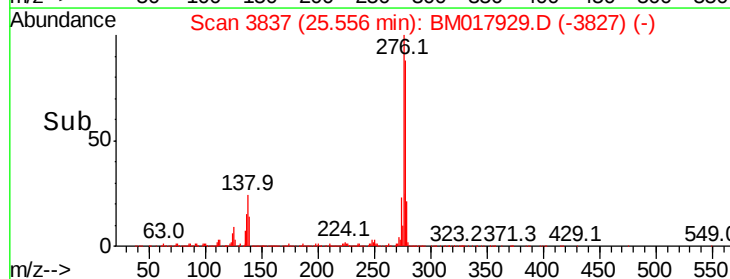
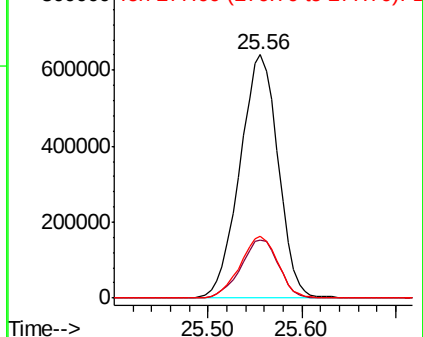
277 25.1 20.0 30.0

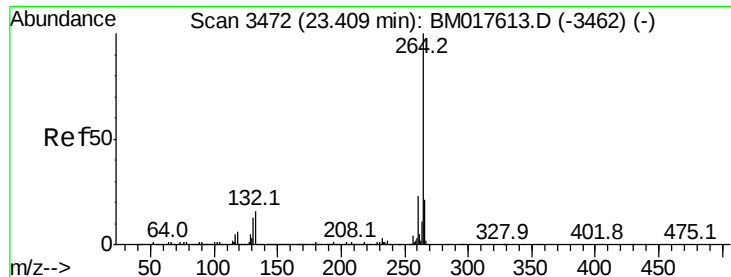


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Instrument :

BNA_M

ClientSampled :

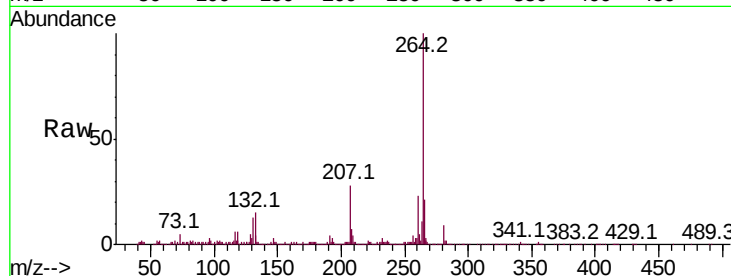
Tot Ion:264 Resp: 592914

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 21.5 17.5 26.3

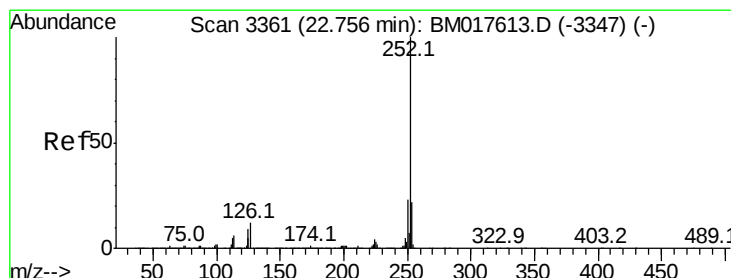
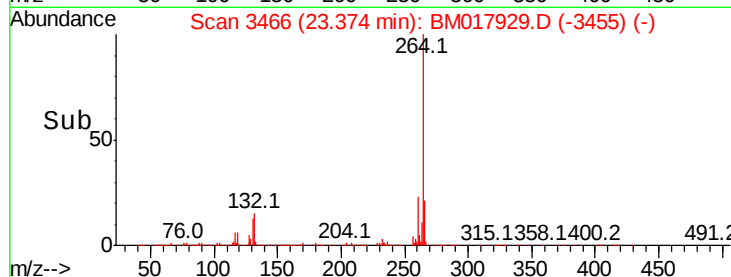
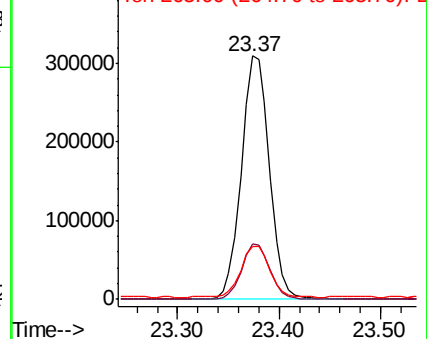


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.821 ng

RT: 22.73 min Scan# 3356

Delta R.T. -0.03 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

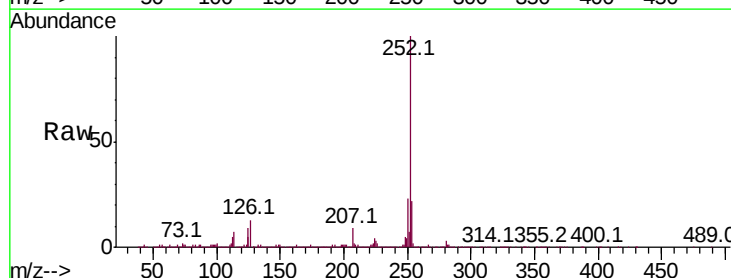
Tgt Ion:252 Resp: 1486879

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.4 7.6 11.4

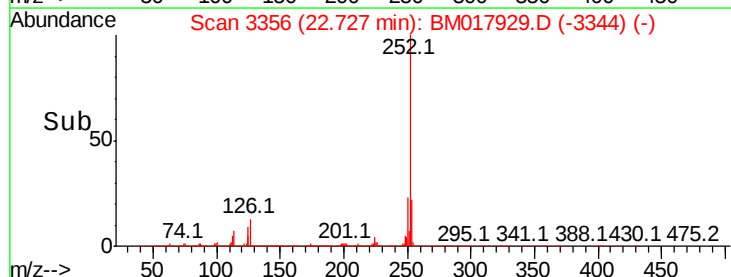
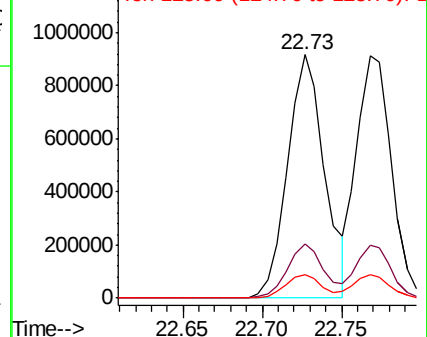


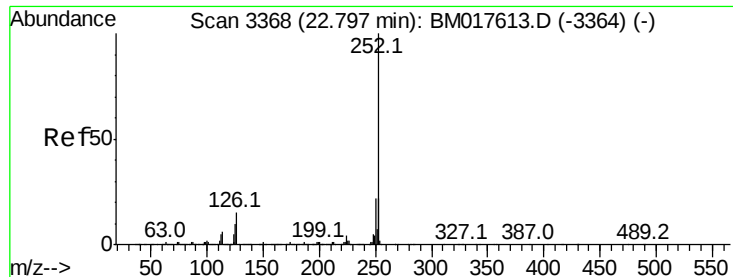
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

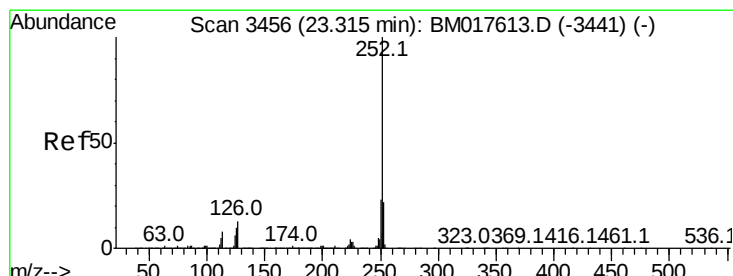
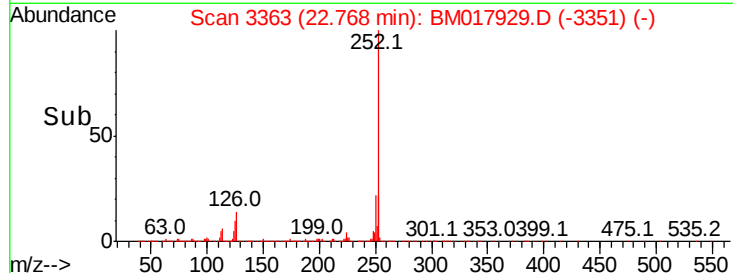
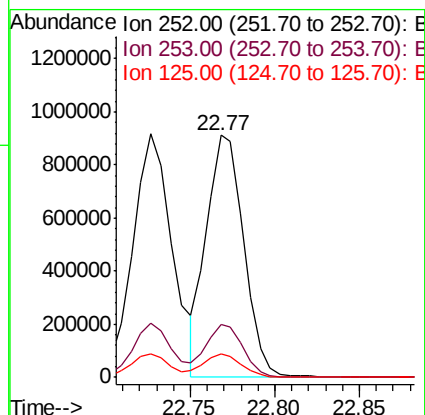
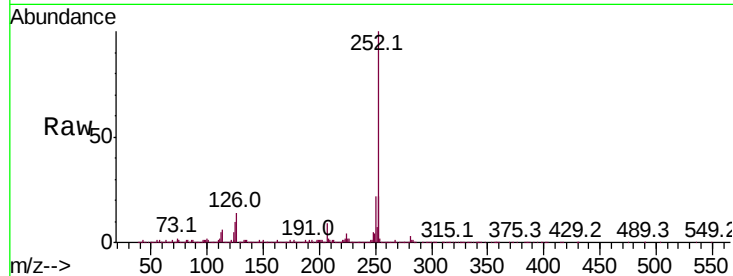




#89
Benzo(k)fluoranthene
Concen: 39.763 ng
RT: 22.77 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

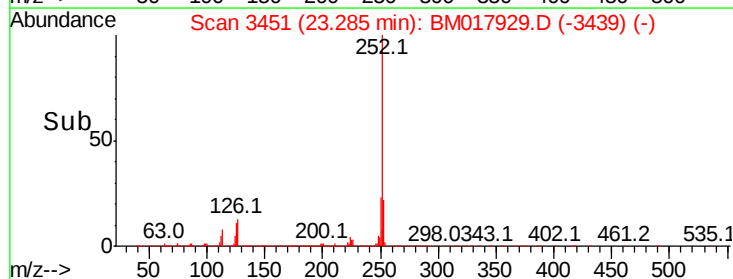
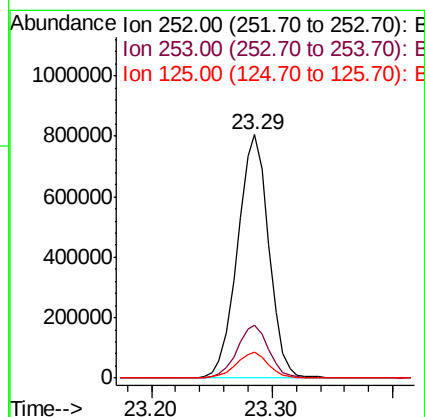
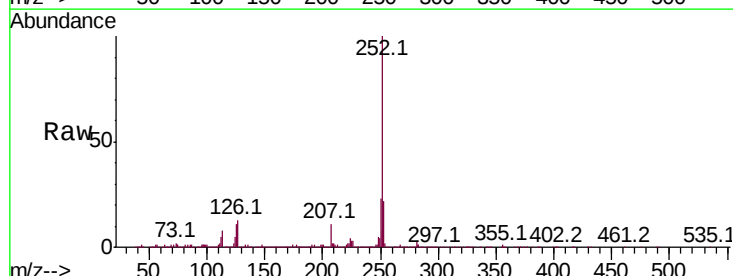
Instrument :
BNA_M
ClientSampleId :

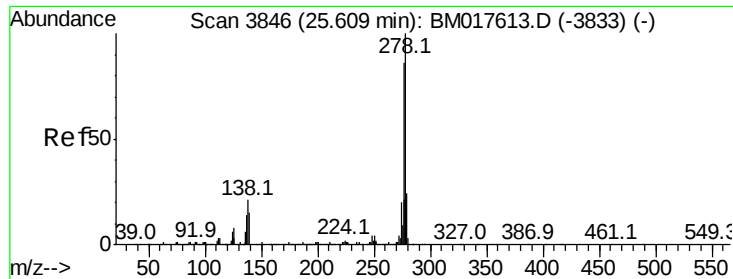
Tot Ion:252 Resp: 1395526
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.8 7.9 11.9



#90
Benzo(a)pyrene
Concen: 45.842 ng
RT: 23.29 min Scan# 3451
Delta R.T. -0.03 min
Lab File: BM017929.D
Acq: 05 Dec 2018 07:48

Tgt Ion:252 Resp: 1451365
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.7 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 57.389 ng

RT: 25.56 min Scan# 3838

Delta R.T. -0.05 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

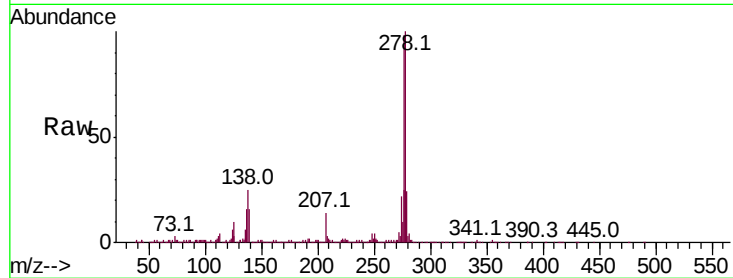
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1527507

Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.8	17.6
279	23.8	19.0	28.6

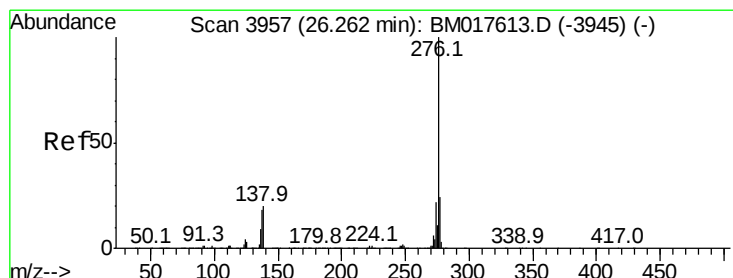
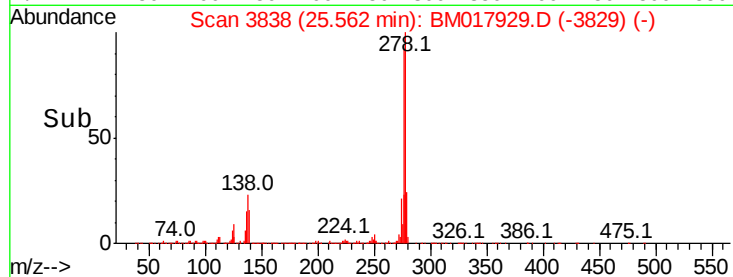
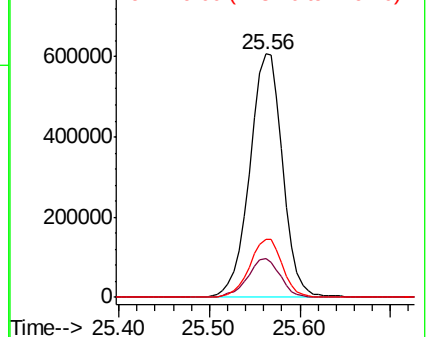


Abundance

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: 60.864 ng

RT: 26.22 min Scan# 3950

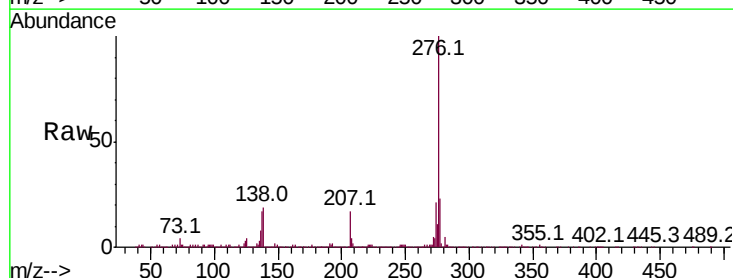
Delta R.T. -0.04 min

Lab File: BM017929.D

Acq: 05 Dec 2018 07:48

Tgt Ion:276 Resp: 1523409

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.0	28.4
138	19.4	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

