

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110718\
 Data File : BM017549.D
 Acq On : 07 Nov 2018 04:28
 Operator : MJ/SJ
 Sample : J5765-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 07 08:39:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	232589	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	988663	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	648995	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1610853	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	2022937	20.00	ng	-0.02
87) Perylene-d12	23.42	264	2139452	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	1660012	120.71	ng	-0.01
7) Phenol-d6	6.82	99	2087040	111.43	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1584305	93.72	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1303246	148.49	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	3927612	80.52	ng	-0.02
79) Terphenyl-d14	19.67	244	7423075	82.71	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	215936	30.75	ng	# 73
3) Pyridine	3.63	79	575066	35.59	ng	# 80
4) n-Nitrosodimethylamine	3.54	42	335578	51.74	ng	# 65
6) Aniline	6.97	93	475404	20.29	ng	96
8) 2-Chlorophenol	7.20	128	771110	48.47	ng	95
9) Benzaldehyde	6.79	77	482635	40.41	ng	92
10) Phenol	6.84	94	839208	41.63	ng	98
11) bis(2-Chloroethyl)ether	7.07	93	718776	44.73	ng	96
12) 1,3-Dichlorobenzene	7.52	146	800346	43.16	ng	96
13) 1,4-Dichlorobenzene	7.66	146	818595	43.20	ng	98
14) 1,2-Dichlorobenzene	7.97	146	788742	43.20	ng	99
15) Benzyl Alcohol	7.87	79	739401	54.01	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.16	45	1062917	47.35	ng	98
17) 2-Methylphenol	8.07	107	660039	51.02	ng	97
18) Hexachloroethane	8.69	117	295443	45.56	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	630353	51.11	ng	97
20) 3+4-Methylphenols	8.40	107	901252	50.93	ng	98
22) Acetophenone	8.45	105	1208226	48.21	ng	98
24) Nitrobenzene	8.82	77	901653	50.43	ng	94
25) Isophorone	9.35	82	1742943	62.44	ng	98
26) 2-Nitrophenol	9.53	139	428183	50.79	ng	95
27) 2,4-Dimethylphenol	9.59	122	780676	63.25	ng	99
28) bis(2-Chloroethoxy)methane	9.83	93	1052465	53.57	ng	99
29) 2,4-Dichlorophenol	10.06	162	798577	55.72	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	797851	46.41	ng	100
31) Naphthalene	10.45	128	2529700	52.21	ng	99
32) Benzoic acid	9.76	122	488567	53.05	ng	92
33) 4-Chloroaniline	10.58	127	95964	4.59	ng	95
34) Hexachlorobutadiene	10.72	225	472356	43.36	ng	98
35) Caprolactam	11.37	113	69533	13.31	ng	98
36) 4-Chloro-3-methylphenol	11.70	107	947696	58.67	ng	98
37) 2-Methylnaphthalene	12.07	142	1925666	58.08	ng	97
38) 1-Methylnaphthalene	12.29	142	1844771	57.17	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	983071	43.01	ng	# 98

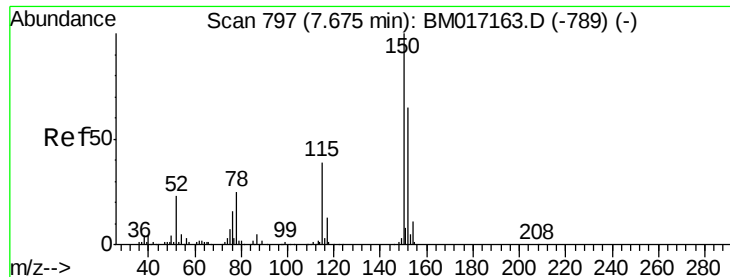
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	1246730	112.84	nq	99
43) 2,4,6-Trichlorophenol	12.69	196	720376	54.30	nq	100
44) 2,4,5-Trichlorophenol	12.76	196	777311	54.64	nq	98
46) 1,1'-Biphenyl	13.10	154	2558928	43.82	nq	99
47) 2-Chloronaphthalene	13.13	162	1953244	45.46	nq	99
48) 2-Nitroaniline	13.36	65	668027	54.20	nq	99
49) Acenaphthylene	13.99	152	3369246	54.10	nq	100
50) Dimethylphthalate	13.74	163	2767742	55.28	nq	100
51) 2,6-Dinitrotoluene	13.86	165	615978	55.90	nq	94
52) Acenaphthene	14.33	154	1952849	49.94	nq	98
53) 3-Nitroaniline	14.19	138	241950	20.27	nq	89
54) 2,4-Dinitrophenol	14.40	184	790502	117.93	nq	97
55) Dibenzofuran	14.67	168	3229581	49.67	nq	100
56) 4-Nitrophenol	14.52	139	1389480	124.92	nq	96
57) 2,4-Dinitrotoluene	14.66	165	906777	61.22	nq	# 91
58) Fluorene	15.33	166	2717289	56.46	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	771506	59.49	nq	98
60) Diethylphthalate	15.12	149	2901172	58.43	nq	99
61) 4-Chlorophenyl-phenylether	15.32	204	1369936	49.93	nq	97
62) 4-Nitroaniline	15.37	138	623100	46.90	nq	95
63) Azobenzene	15.62	77	2769443	57.38	nq	95
65) 4,6-Dinitro-2-methylphenol	15.42	198	546080	52.09	nq	94
66) n-Nitrosodiphenylamine	15.54	169	2447108	50.21	nq	99
67) 4-Bromophenyl-phenylether	16.22	248	889510	50.29	nq	95
68) Hexachlorobenzene	16.33	284	990776	48.22	nq	99
69) Atrazine	16.51	200	978234	56.08	nq	98
70) Pentachlorophenol	16.67	266	1294901	92.00	nq	100
71) Phenanthrene	17.07	178	4502270	51.80	nq	100
72) Anthracene	17.16	178	4620831	55.96	nq	99
73) Carbazole	17.43	167	4365046	51.75	nq	99
74) Di-n-butylphthalate	18.00	149	5423659	60.96	nq	99
75) Fluoranthene	19.09	202	5618733	57.45	nq	99
77) Benzidine	19.29	184	1126304	21.96	nq	98
78) Pyrene	19.45	202	5733558	50.71	nq	99
80) Butylbenzylphthalate	20.37	149	2711679	60.78	nq	94
81) Benzo(a)anthracene	21.21	228	6077245	53.38	nq	100
82) 3,3'-Dichlorobenzidine	21.14	252	899829	21.21	nq	98
83) Chrysene	21.26	228	5714572	50.72	nq	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	4026448	59.71	nq	100
85) Di-n-octyl phthalate	22.02	149	7089537	61.77	nq	98
86) Indeno(1,2,3-cd)pyrene	25.63	276	6867373	54.49	nq	100
88) Benzo(b)fluoranthene	22.77	252	6272502	53.62	nq	99
89) Benzo(k)fluoranthene	22.81	252	6177083	52.63	nq	99
90) Benzo(a)pyrene	23.33	252	6074998	54.70	nq	100
91) Dibenzo(a,h)anthracene	25.64	278	5836102	52.92	nq	99
92) Benzo(g,h,i)perylene	26.29	276	5682142	51.99	nq	99

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

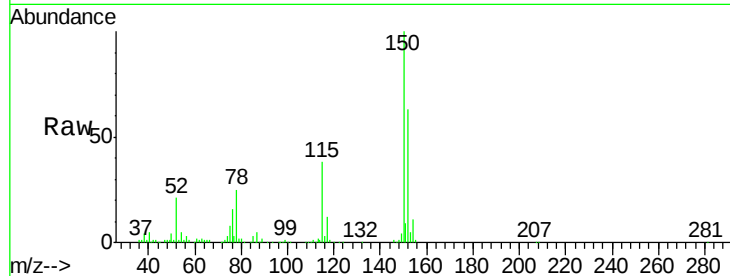


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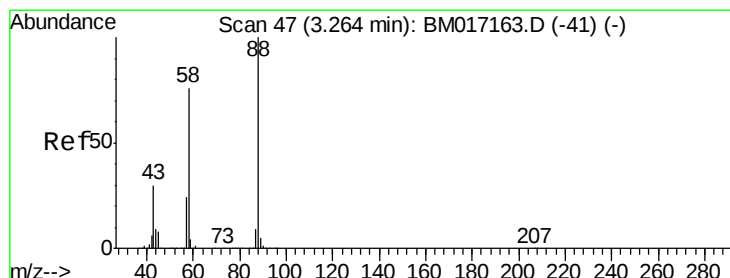
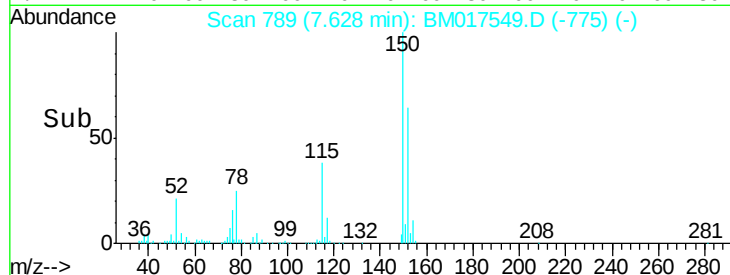
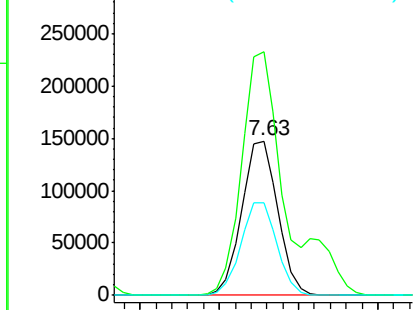
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 232589
Ion Ratio Lower Upper
152 100
150 157.8 124.3 186.5
115 59.9 48.1 72.1



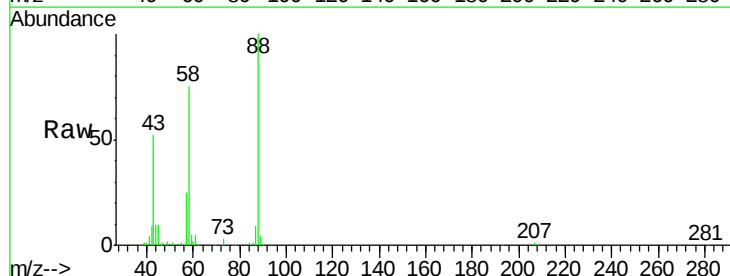
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



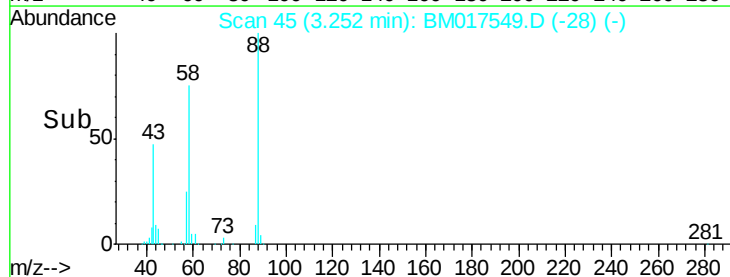
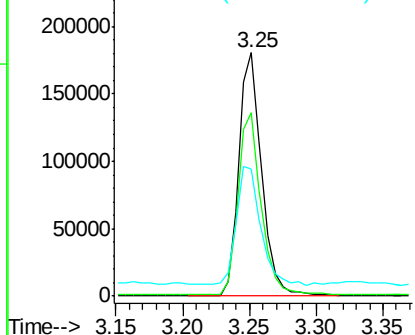
#2

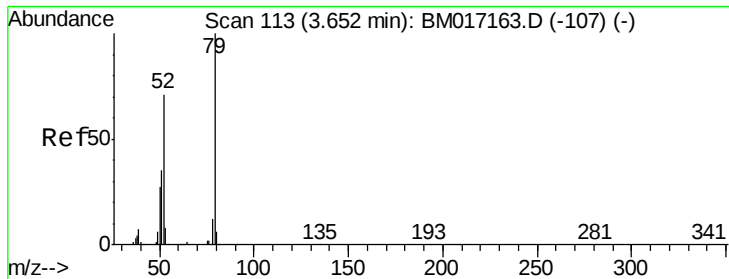
1,4-Dioxane
Concen: 30.75 ng
RT: 3.25 min Scan# 45
Delta R.T. -0.00 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion: 88 Resp: 215936
Ion Ratio Lower Upper
88 100
58 75.1 50.2 75.4
43 51.2 19.3 28.9#



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: 35.59 ng

RT: 3.63 min Scan# 110

Delta R.T. -0.00 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

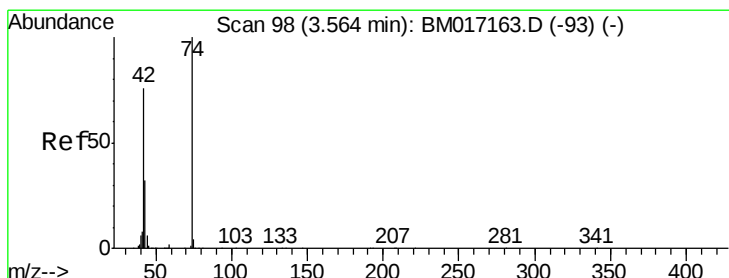
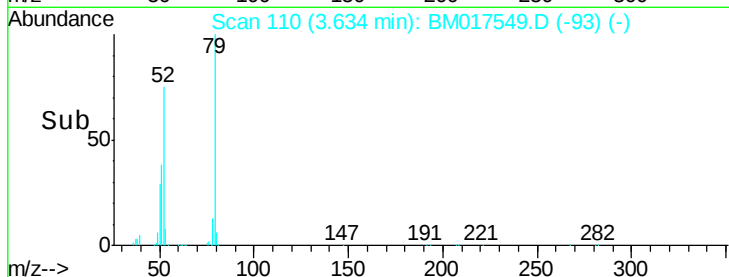
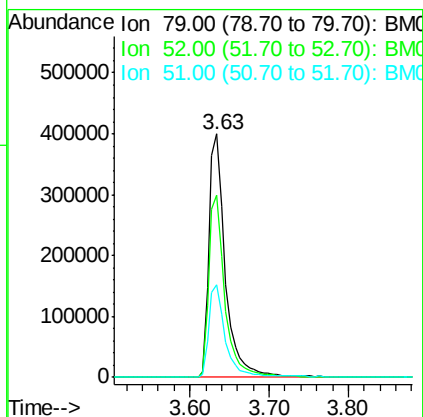
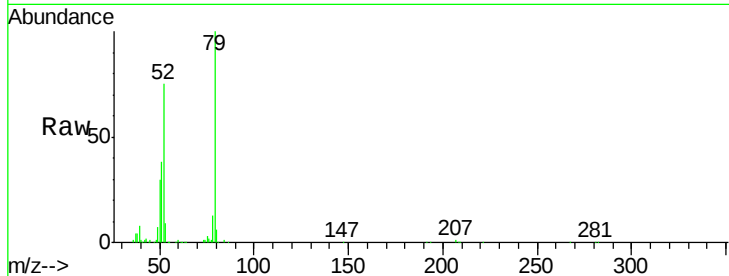
Tot Ion: 79 Resp: 575066

Ion Ratio Lower Upper

79 100

52 75.0 46.5 69.7#

51 38.2 24.6 37.0#



#4

n-Nitrosodimethylamine

Concen: 51.74 ng

RT: 3.54 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

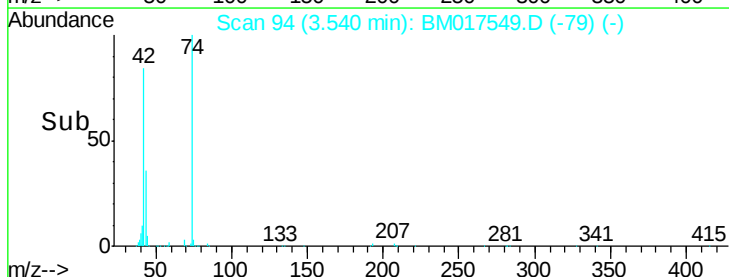
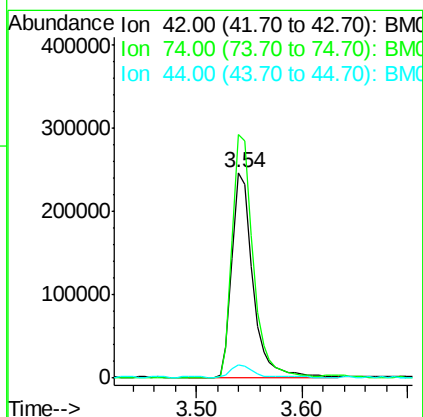
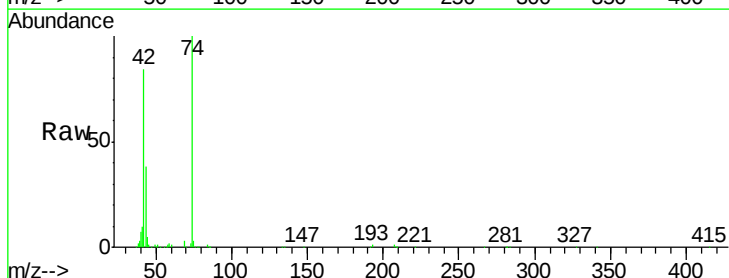
Tgt Ion: 42 Resp: 335578

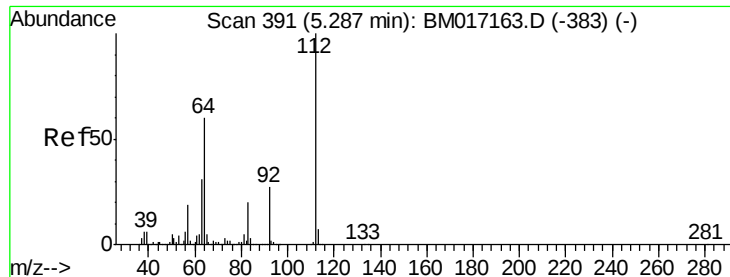
Ion Ratio Lower Upper

42 100

74 118.5 114.4 171.6

44 6.3 48.6 73.0#





#5

2-Fluorophenol

Concen: 120.71 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

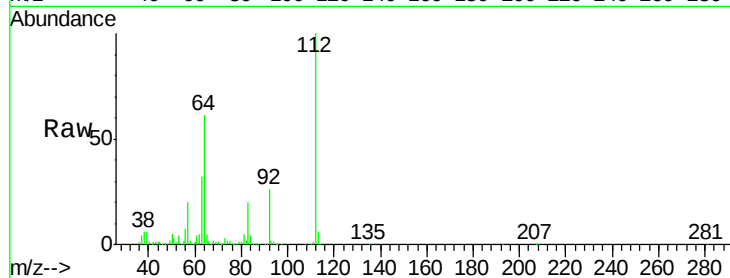
Tot Ion:112 Resp: 1660012

Ion Ratio Lower Upper

112 100

64 60.5 41.7 62.5

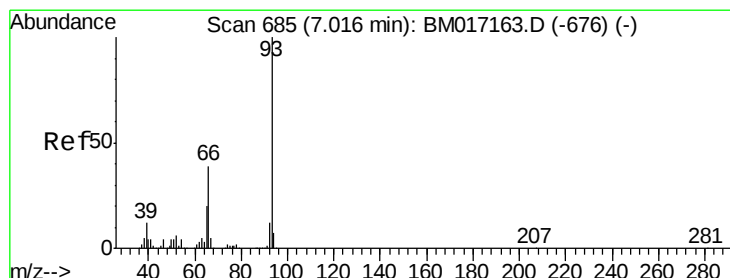
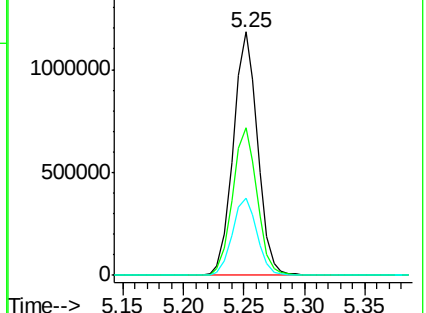
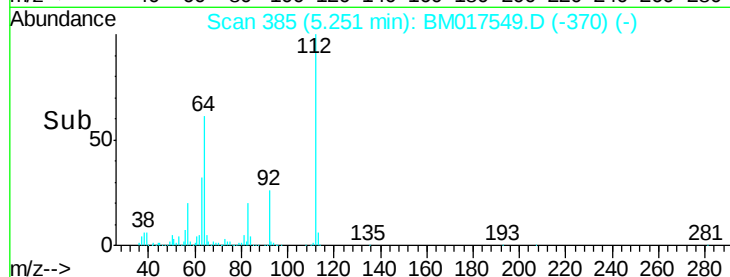
63 31.9 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 20.29 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

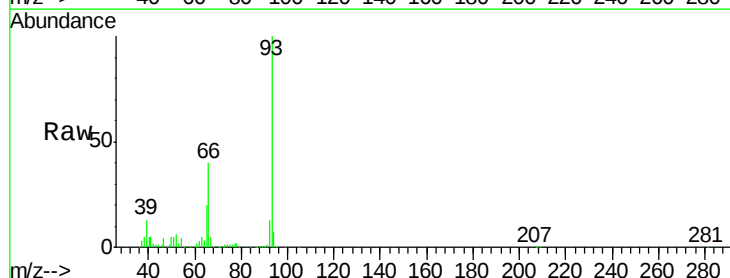
Tgt Ion: 93 Resp: 475404

Ion Ratio Lower Upper

93 100

66 40.3 30.4 45.6

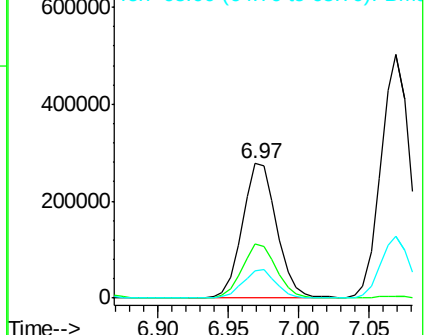
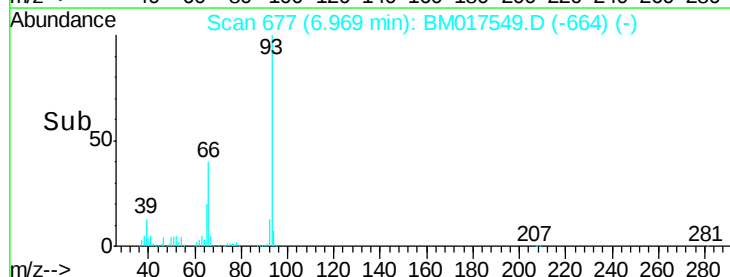
65 20.5 15.3 22.9

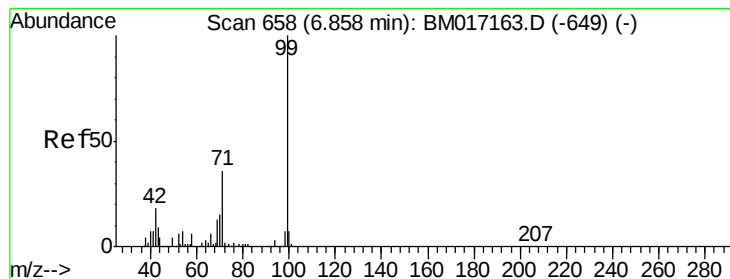


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 111.43 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

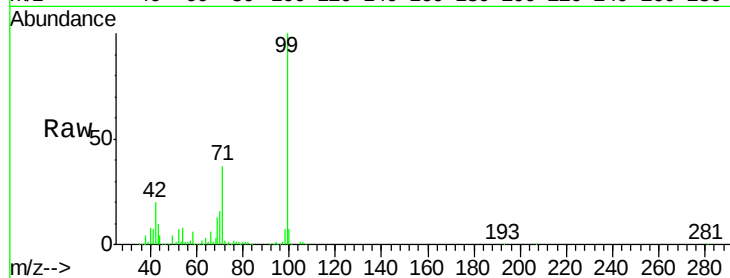
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2087040

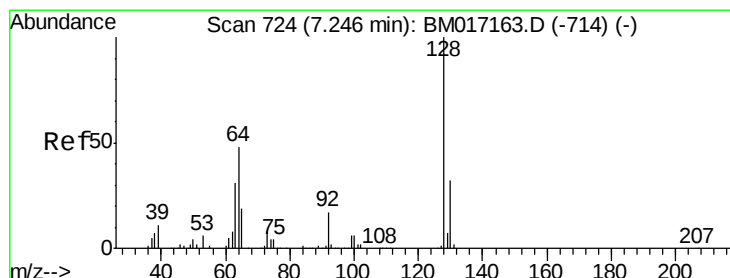
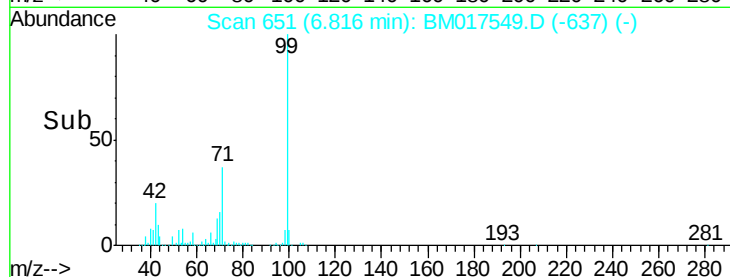
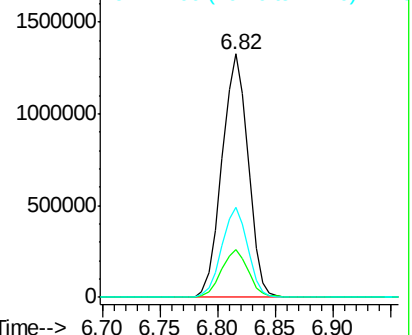
Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.3	19.9
71	36.8	28.0	42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#8

2-Chlorophenol

Concen: 48.47 ng

RT: 7.20 min Scan# 716

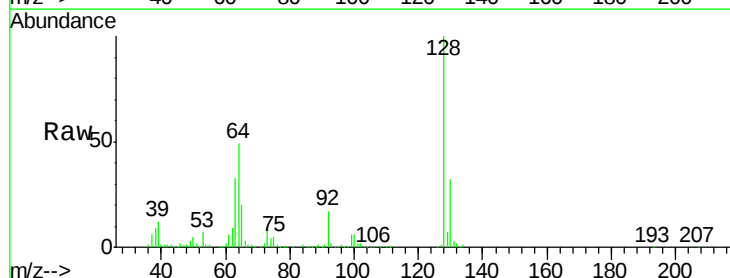
Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Tgt Ion: 128 Resp: 771110

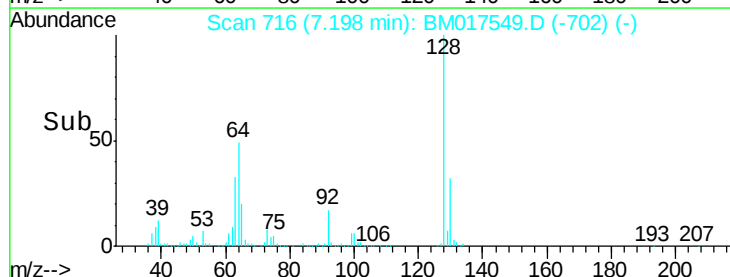
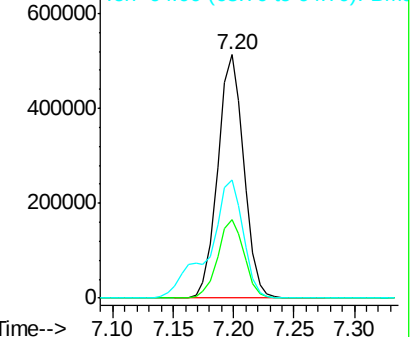
Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.0	51.0
64	48.8	24.1	64.1

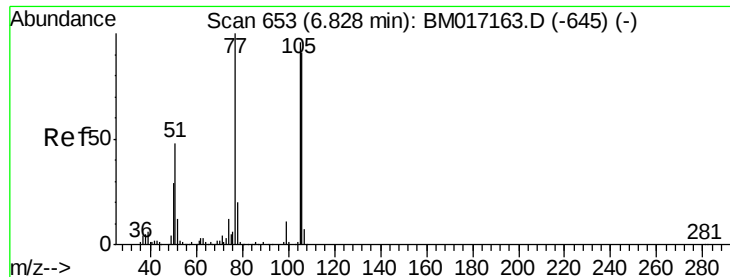


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-714) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-714) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-714) (-)





#9

Benzaldehyde

Concen: 40.41 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampled :

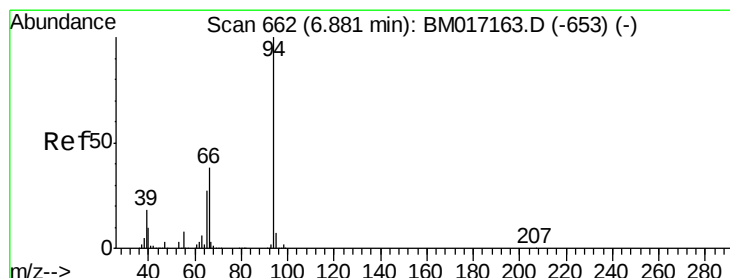
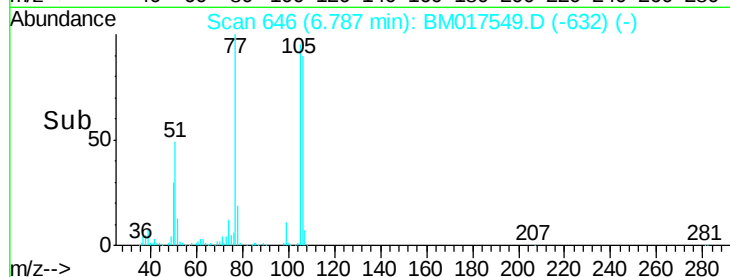
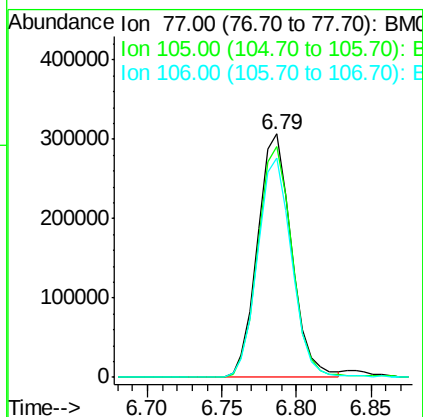
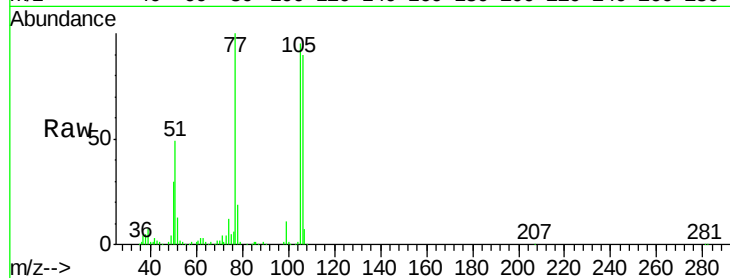
Tot Ion: 77 Resp: 482635

Ion Ratio Lower Upper

77 100

105 94.9 83.9 123.9

106 90.2 78.2 118.2



#10

Phenol

Concen: 41.63 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

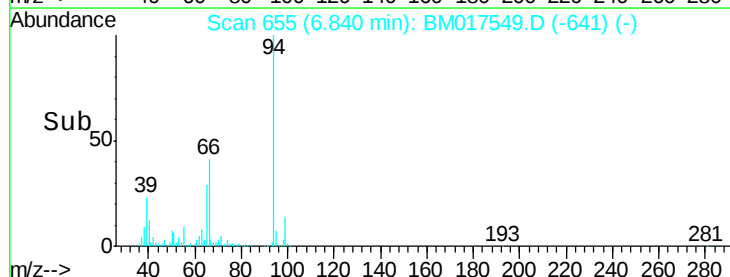
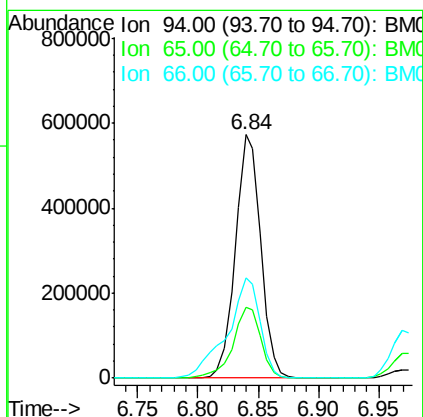
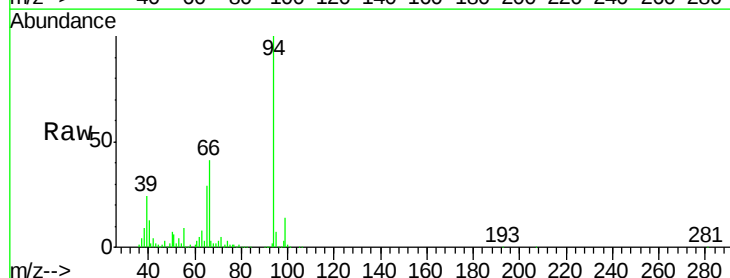
Tgt Ion: 94 Resp: 839208

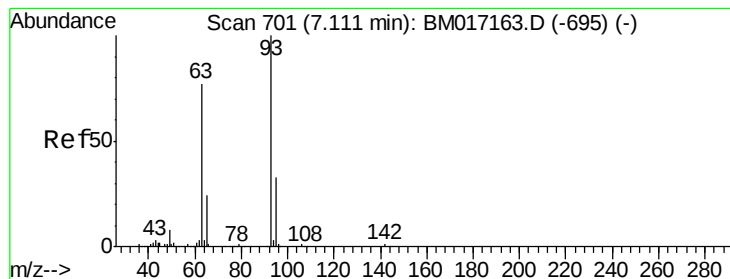
Ion Ratio Lower Upper

94 100

65 29.1 9.4 49.4

66 41.1 19.0 59.0





#11

bis(2-Chloroethyl)ether

Concen: 44.73 ng

RT: 7.07 min Scan# 694

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

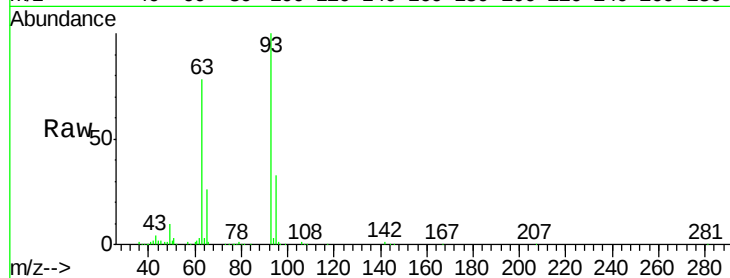
Tot Ion: 93 Resp: 718776

Ion Ratio Lower Upper

93 100

63 78.4 54.0 94.0

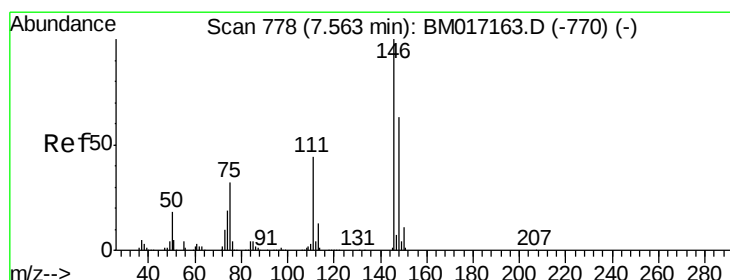
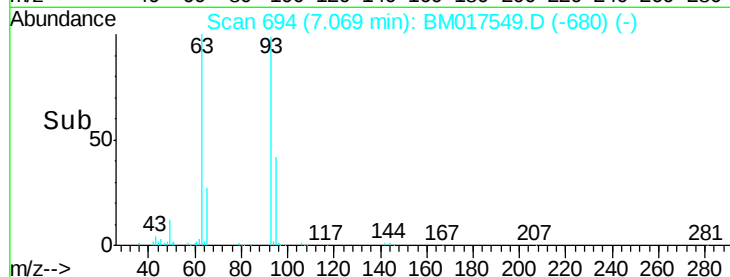
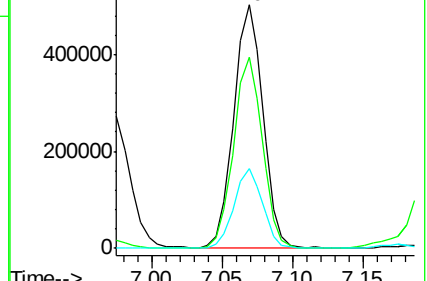
95 32.7 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BM017163.D (-695) (-)

Ion 63.00 (62.70 to 63.70): BM017163.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-695) (-)



#12

1,3-Dichlorobenzene

Concen: 43.16 ng

RT: 7.52 min Scan# 770

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

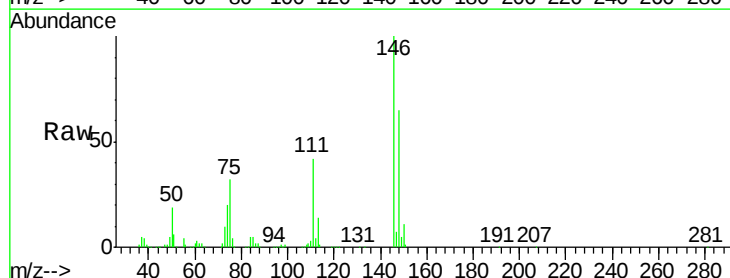
Tgt Ion: 146 Resp: 800346

Ion Ratio Lower Upper

146 100

148 65.1 50.2 75.4

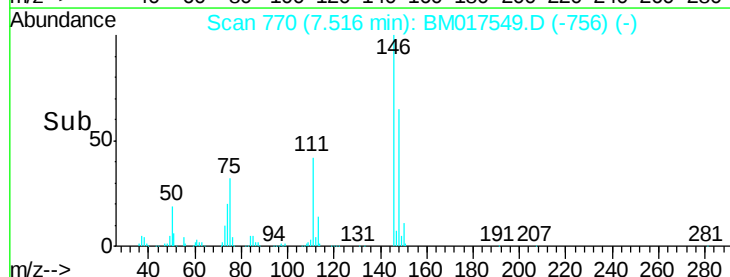
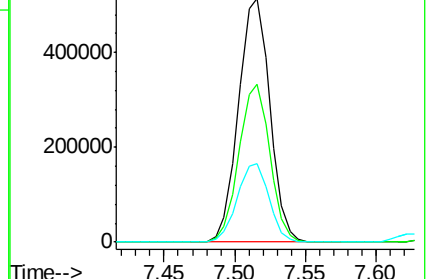
75 32.2 23.3 34.9

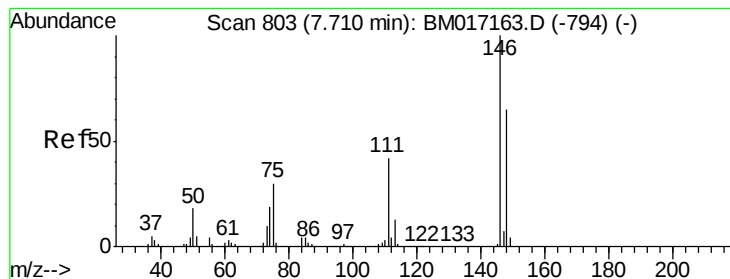


Abundance Ion 146.00 (145.70 to 146.70): BM017163.D (-770) (-)

Ion 148.00 (147.70 to 148.70): BM017163.D (-770) (-)

Ion 75.00 (74.70 to 75.70): BM017163.D (-770) (-)





#13

1,4-Dichlorobenzene

Concen: 43.20 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

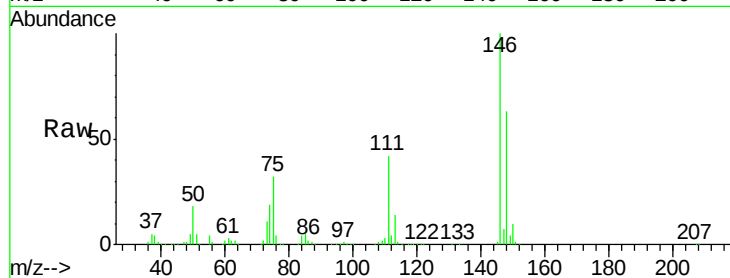
Tot Ion:146 Resp: 818595

Ion Ratio Lower Upper

146 100

148 63.5 49.8 74.6

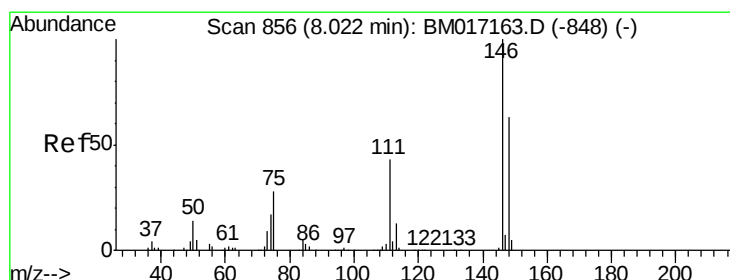
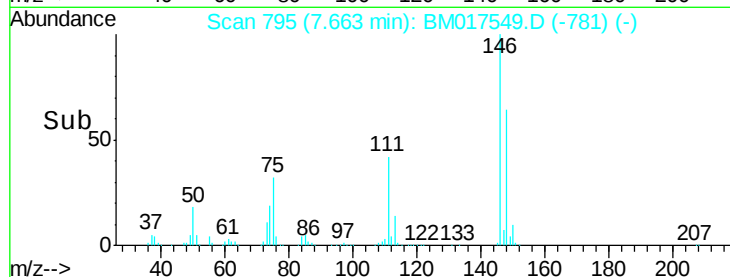
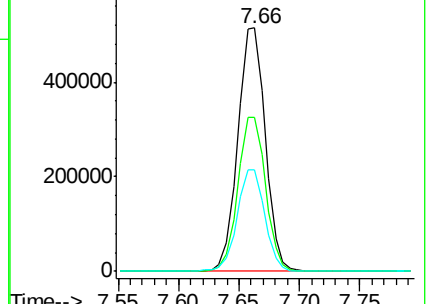
111 41.8 32.1 48.1



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: 43.20 ng

RT: 7.97 min Scan# 847

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

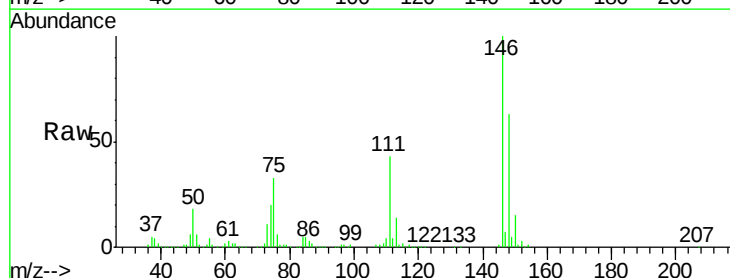
Tgt Ion:146 Resp: 788742

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

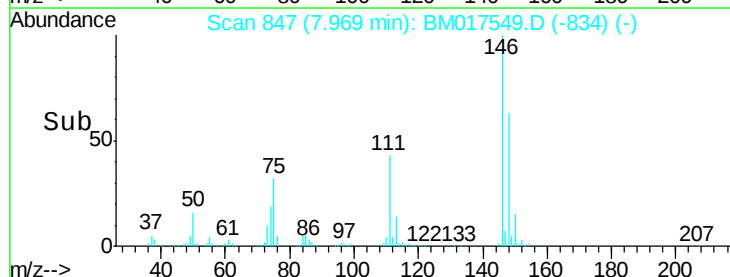
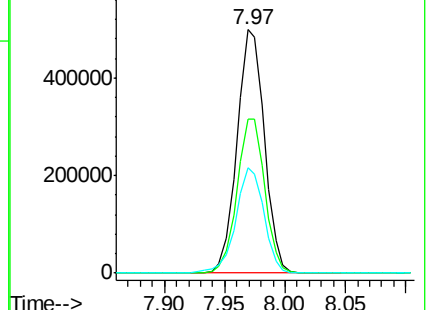
111 43.1 33.8 50.6

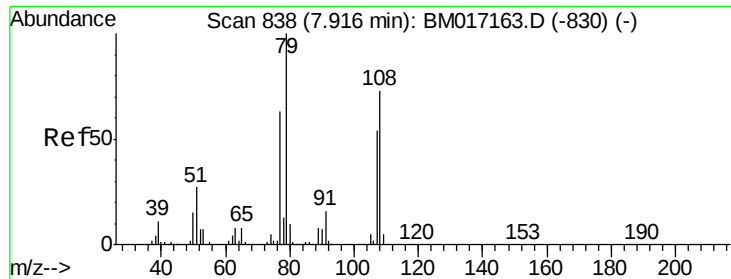


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

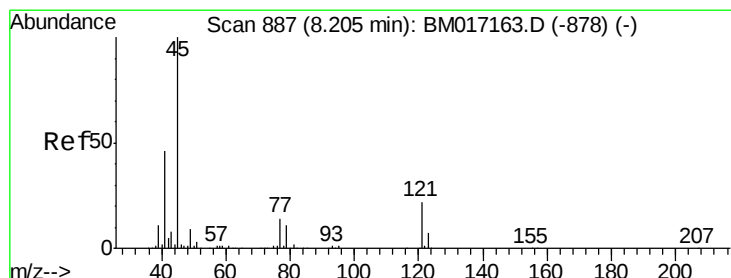
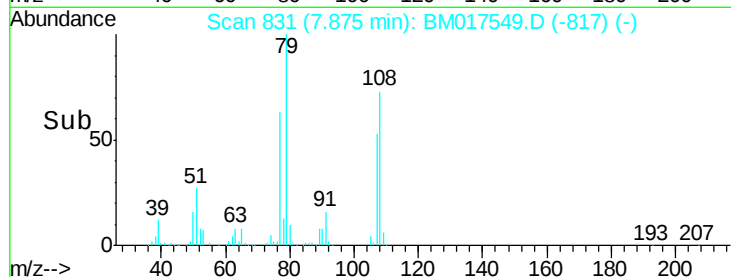
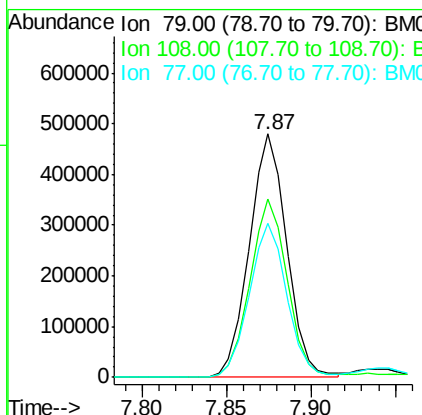
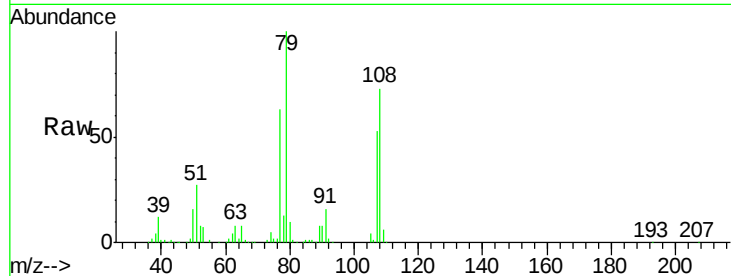




#15
Benzyl Alcohol
Concen: 54.01 ng
RT: 7.87 min Scan# 831
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

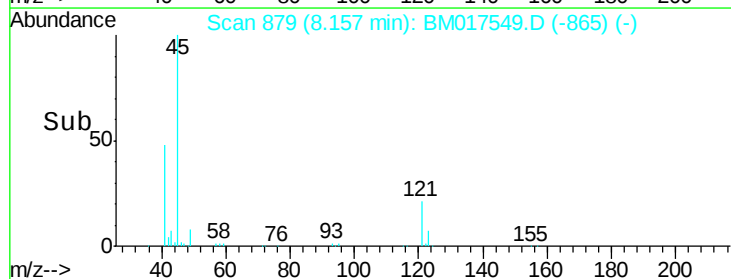
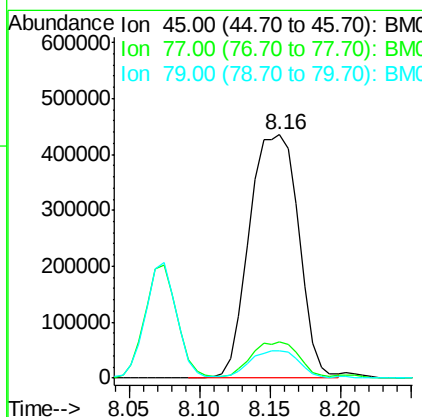
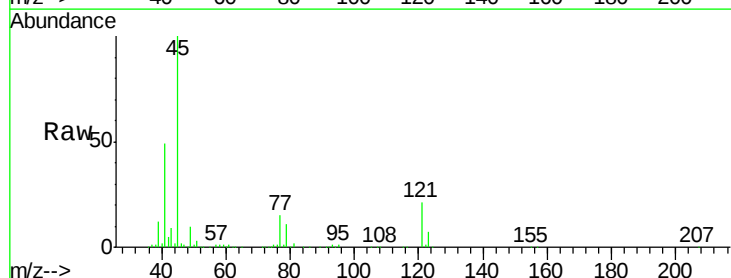
Instrument :
BNA_M
ClientSampleId :

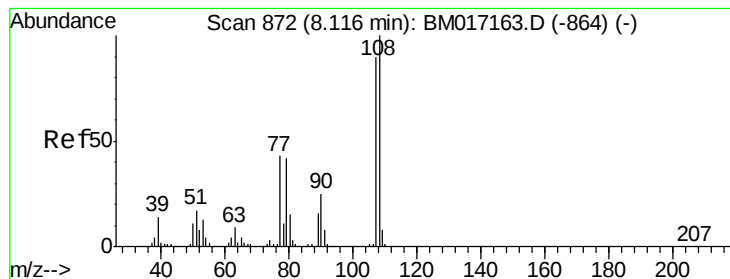
Tot Ion: 79 Resp: 739401
Ion Ratio Lower Upper
79 100
108 73.2 60.3 90.5
77 63.0 54.8 82.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.35 ng
RT: 8.16 min Scan# 879
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion: 45 Resp: 1062917
Ion Ratio Lower Upper
45 100
77 14.7 0.0 35.5
79 11.0 0.0 32.1

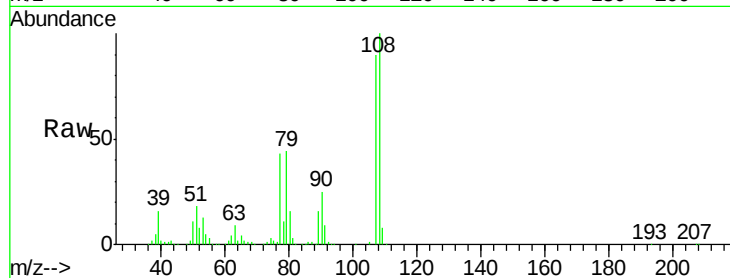




#17
2-Methylphenol
Concen: 51.02 ng
RT: 8.07 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.3	135.5
77	47.9	37.0	55.4
79	49.3	35.8	53.6

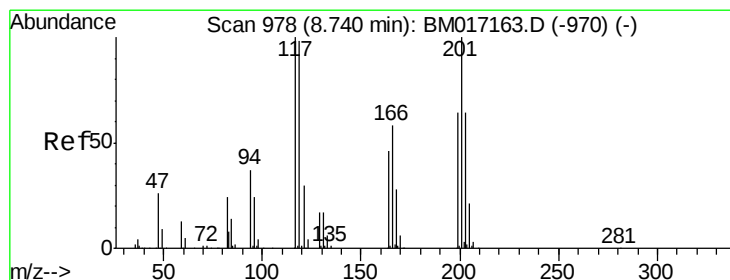
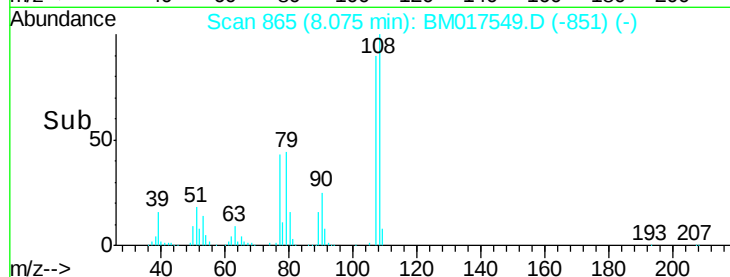
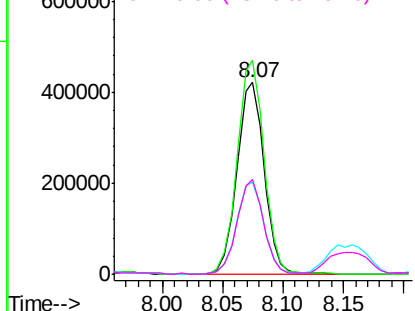


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

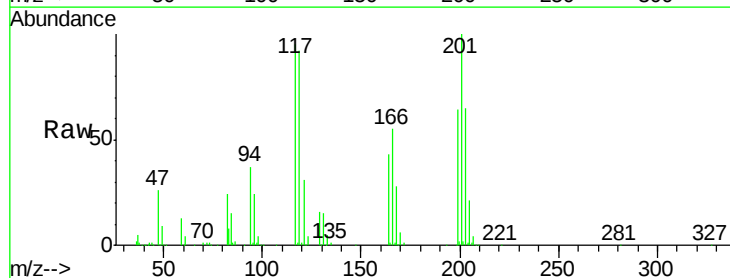
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 45.56 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

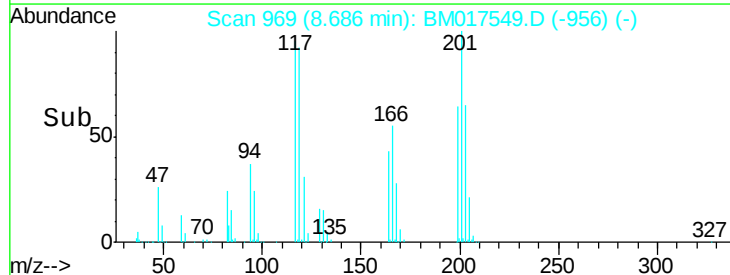
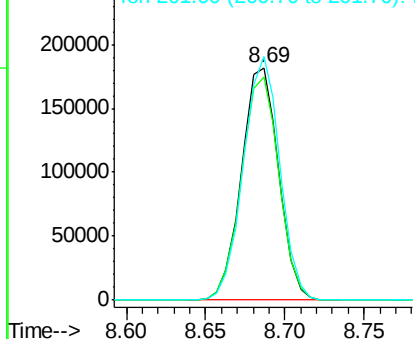
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.2	117.2
201	104.7	85.3	127.9

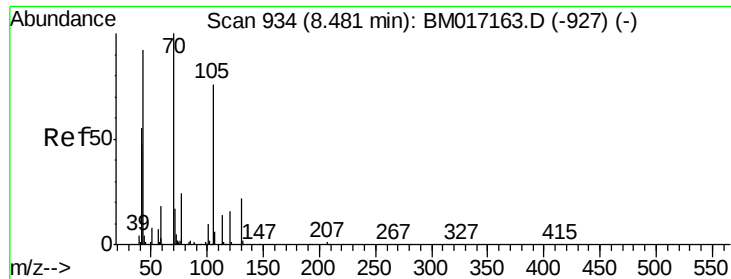


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

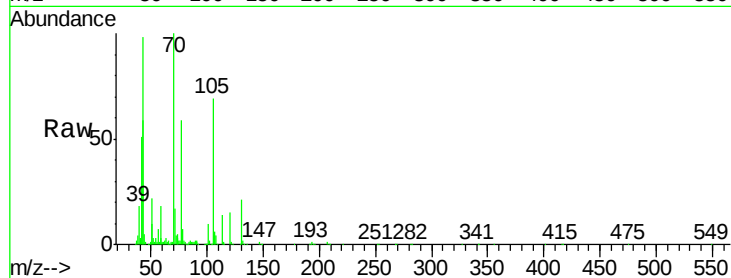




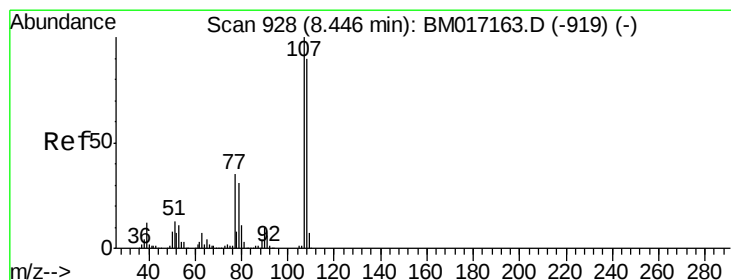
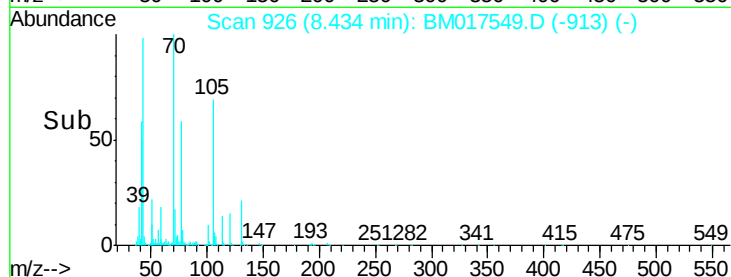
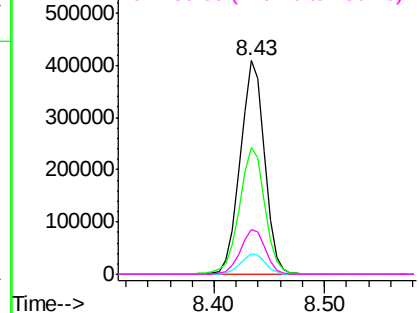
#19
n-Nitroso-di-n-propylamine
Concen: 51.11 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 70 Resp: 630353
Ion Ratio Lower Upper
70 100
42 59.1 46.1 69.1
101 9.7 8.2 12.4
130 20.8 18.4 27.6

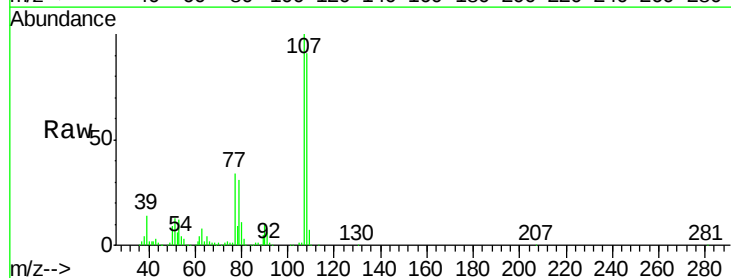


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

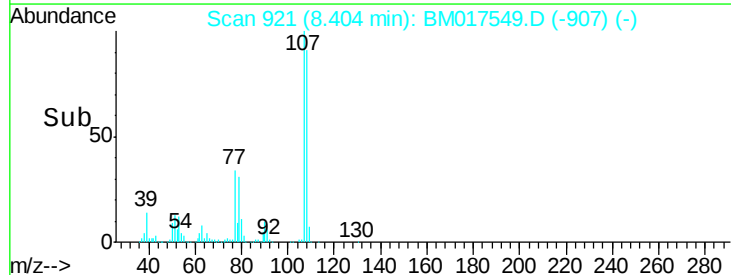
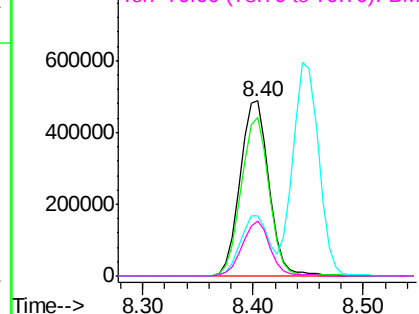


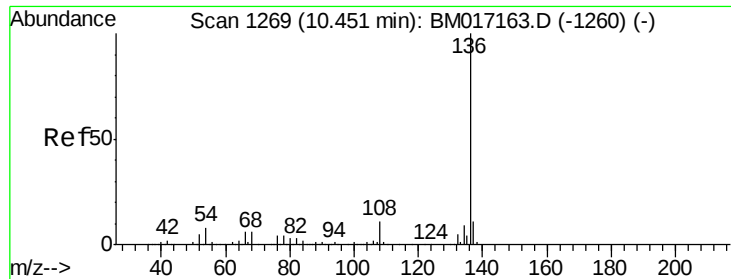
#20
3+4-Methylphenols
Concen: 50.93 ng
RT: 8.40 min Scan# 921
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:107 Resp: 901252
Ion Ratio Lower Upper
107 100
108 90.8 69.9 109.9
77 34.3 12.2 52.2
79 31.4 9.0 49.0



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

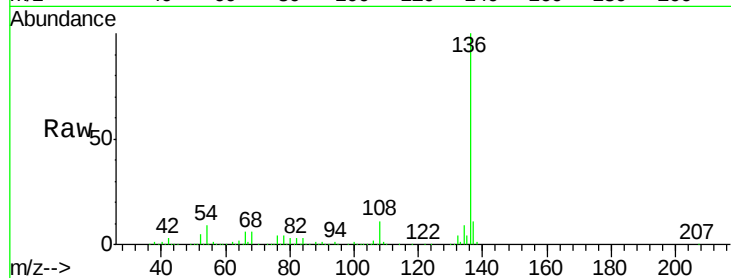




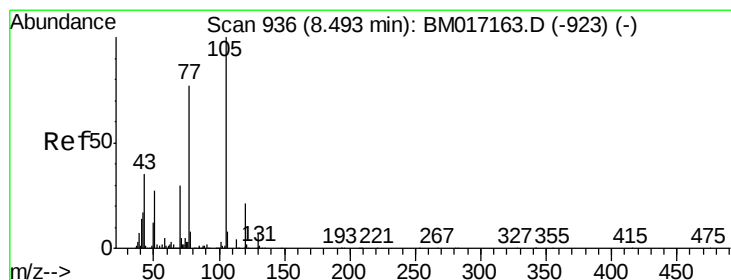
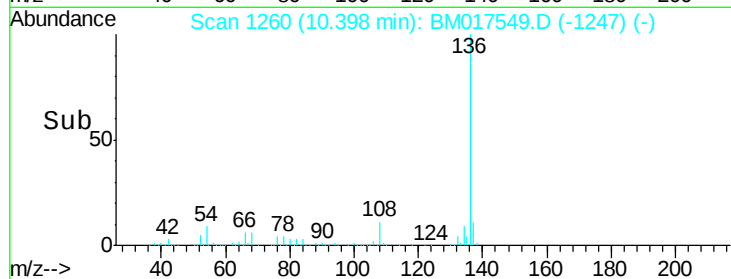
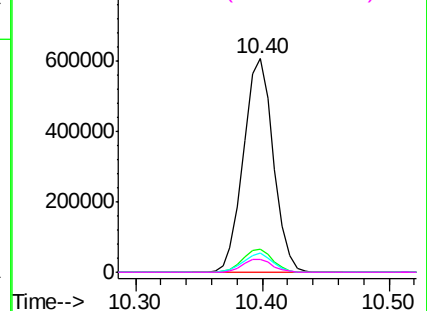
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.40 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	988663	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.2	13.8	
54 8.9	6.7	10.1	
68 6.2	4.7	7.1	

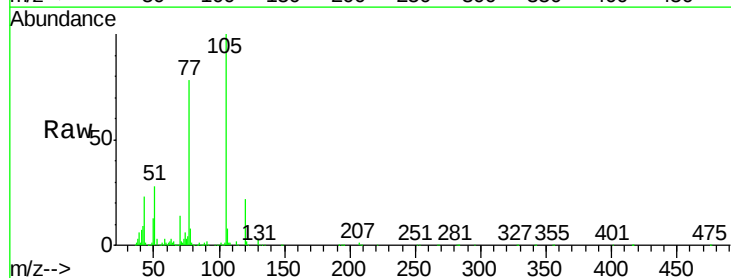


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

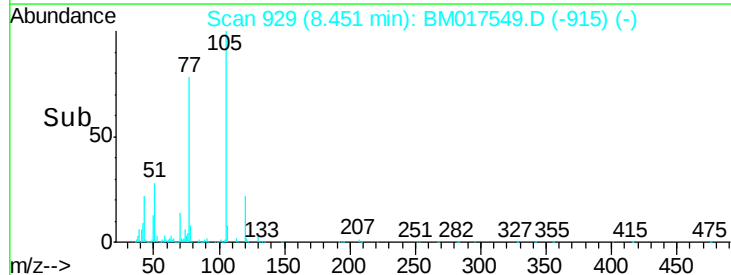
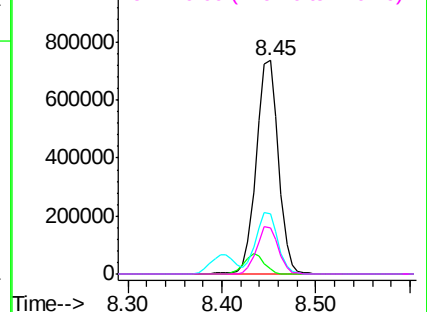


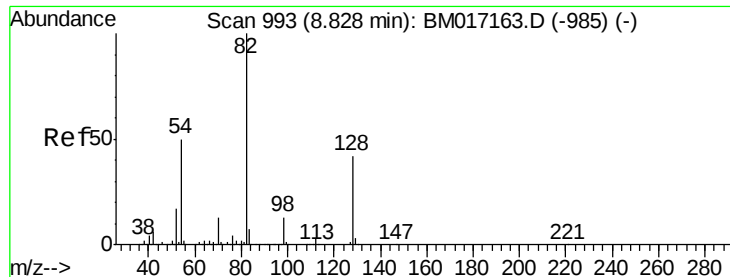
#22
Acetophenone
Concen: 48.21 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt	Ion:105	Resp:	1208226
Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.0	3.0
51	28.0	20.6	31.0
120	21.8	17.5	26.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

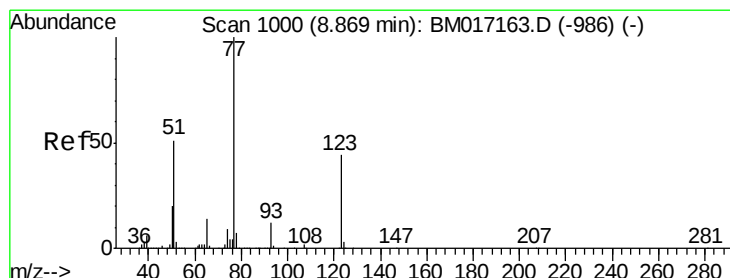
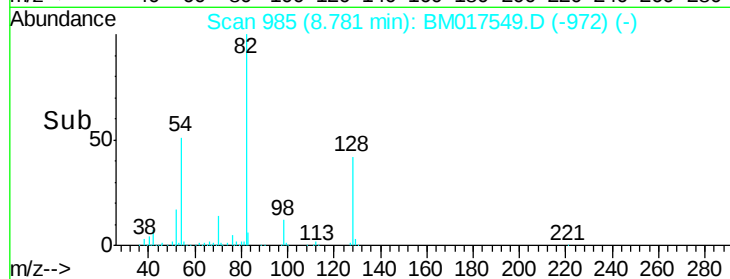
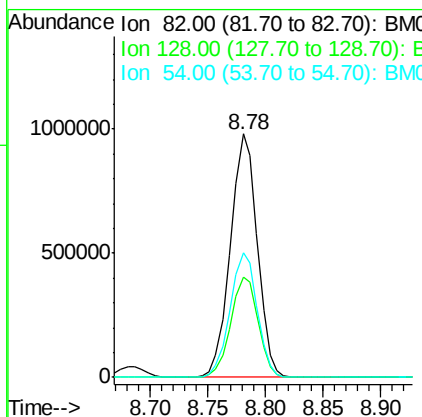
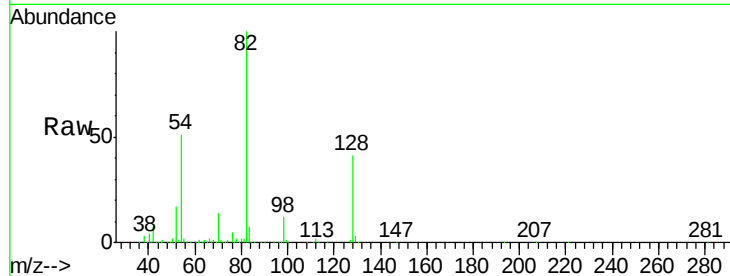




#23
 Nitrobenzene-d5
 Concen: 93.72 ng
 RT: 8.78 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

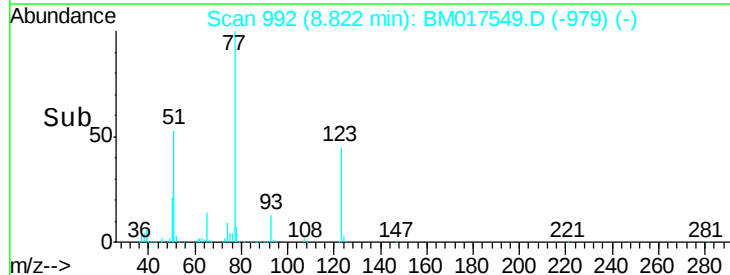
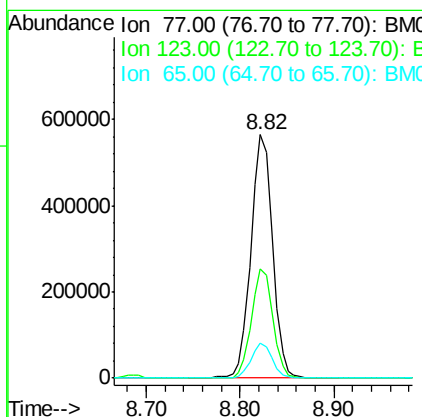
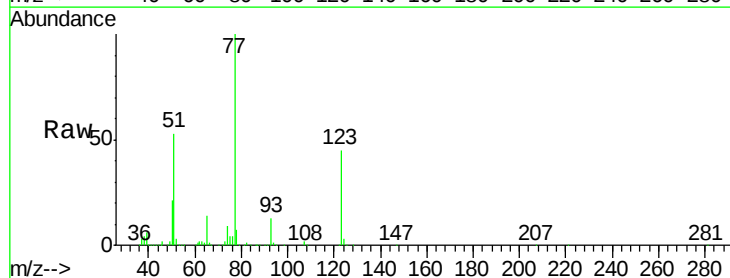
Instrument :
 BNA_M
 ClientSampled :

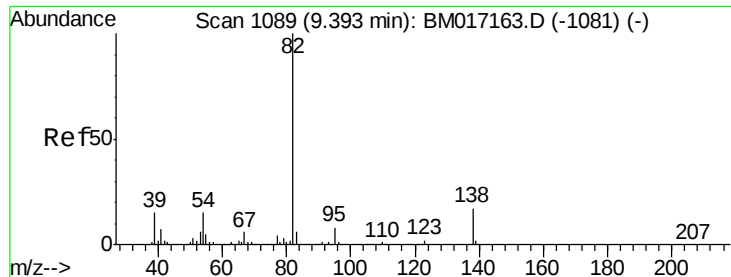
Tot Ion: 82 Resp: 1584305
 Ion Ratio Lower Upper
 82 100
 128 41.3 37.0 55.6
 54 50.9 40.7 61.1



#24
 Nitrobenzene
 Concen: 50.43 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion: 77 Resp: 901653
 Ion Ratio Lower Upper
 77 100
 123 44.7 40.2 60.4
 65 14.3 11.4 17.0





#25

Isophorone

Concen: 62.44 ng

RT: 9.35 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

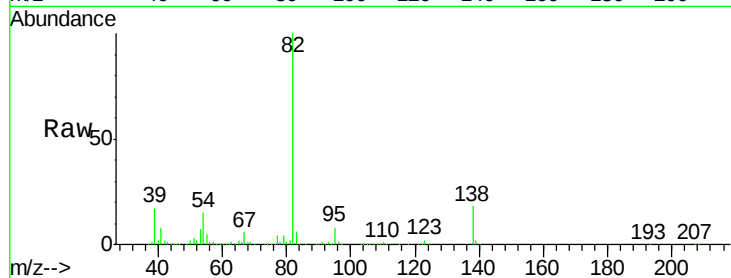
Tot Ion: 82 Resp: 1742943

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

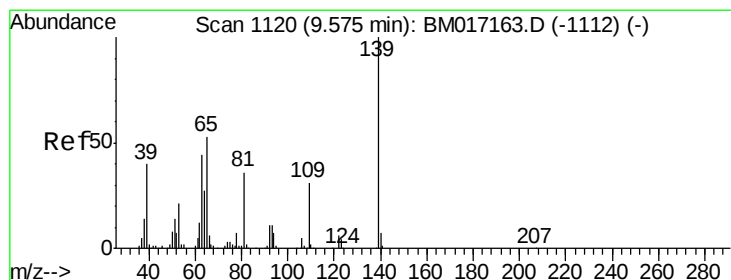
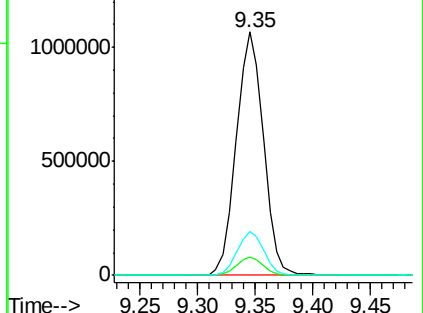
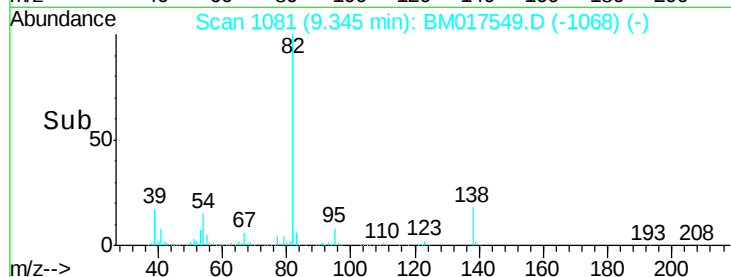
138 17.9 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017549.D (-1068) (-)

Ion 95.00 (94.70 to 95.70): BM017549.D (-1068) (-)

Ion 138.00 (137.70 to 138.70): BM017549.D (-1068) (-)



#26

2-Nitrophenol

Concen: 50.79 ng

RT: 9.53 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

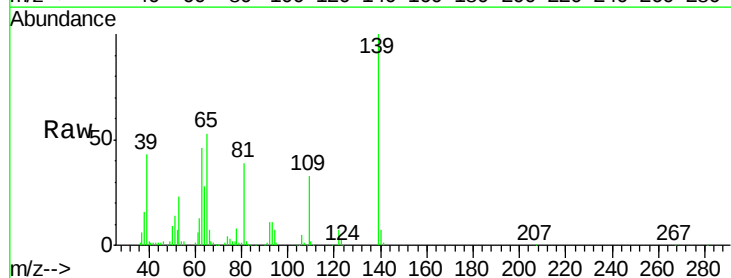
Tgt Ion: 139 Resp: 428183

Ion Ratio Lower Upper

139 100

109 33.3 23.2 34.8

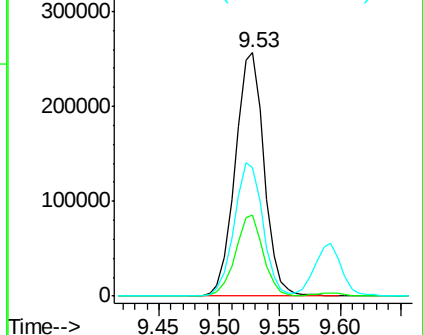
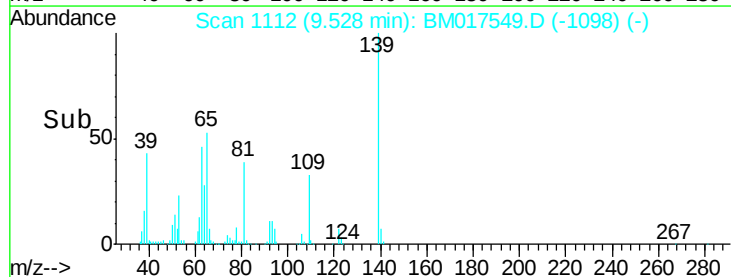
65 52.6 40.6 61.0

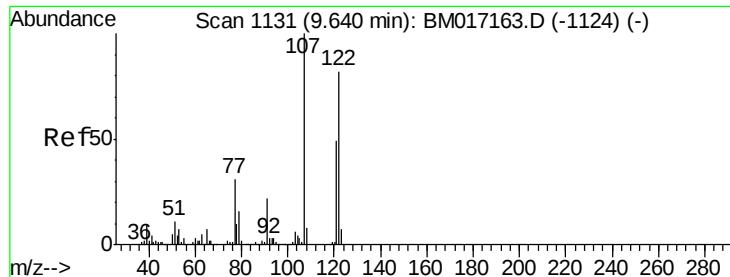


Abundance Ion 139.00 (138.70 to 139.70): BM017549.D (-1098) (-)

Ion 109.00 (108.70 to 109.70): BM017549.D (-1098) (-)

Ion 65.00 (64.70 to 65.70): BM017549.D (-1098) (-)

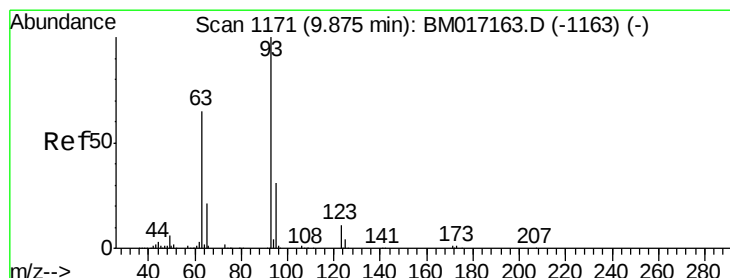
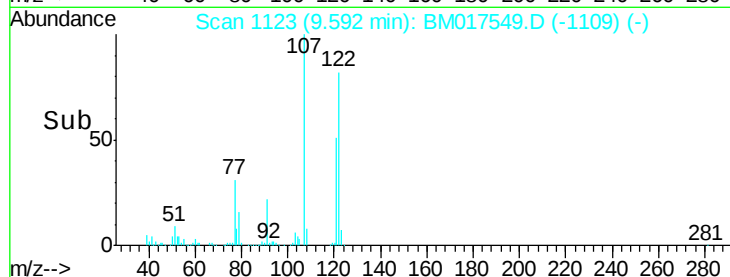
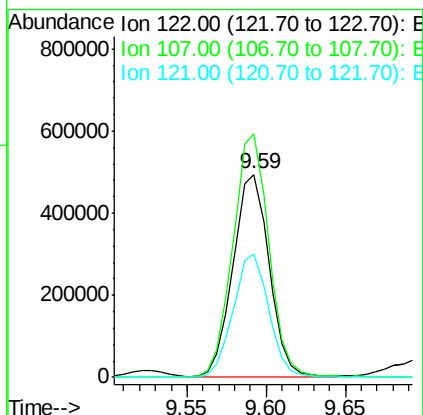
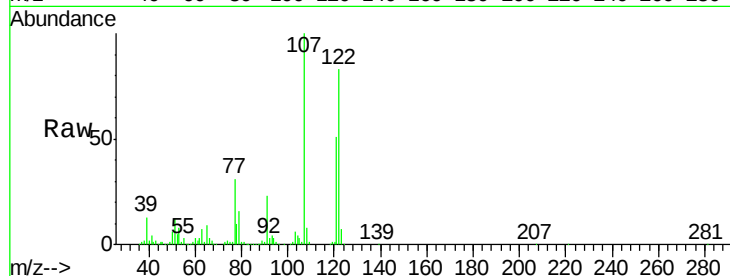




#27
2,4-Dimethylphenol
Concen: 63.25 ng
RT: 9.59 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

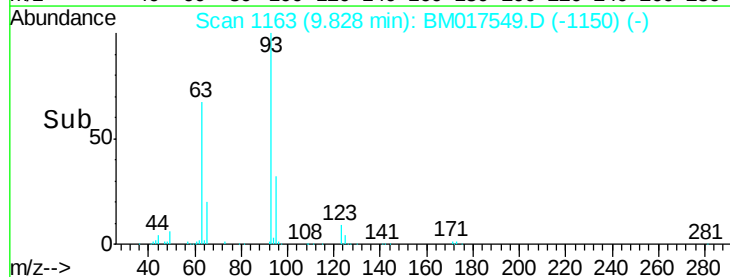
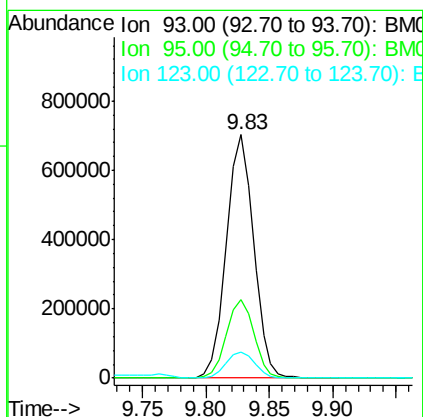
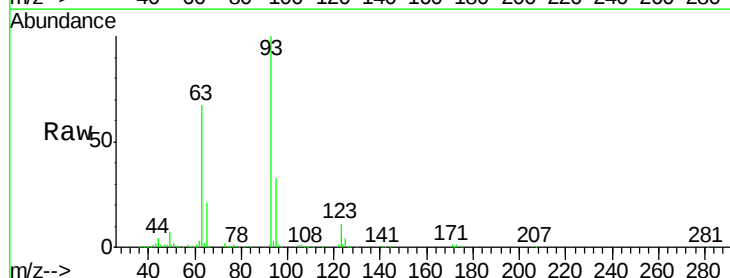
Instrument :
BNA_M
ClientSampleId :

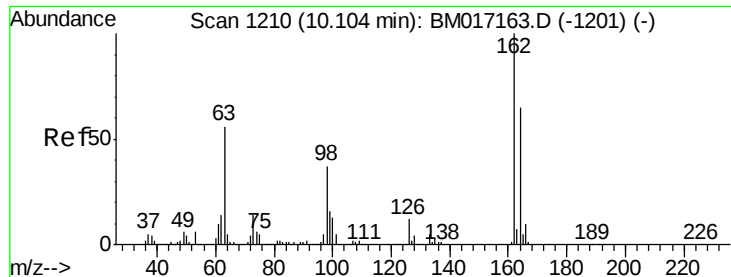
Tot Ion:122 Resp: 780676
Ion Ratio Lower Upper
122 100
107 119.9 95.0 142.6
121 60.7 48.2 72.4



#28
bis(2-Chloroethoxy)methane
Concen: 53.57 ng
RT: 9.83 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion: 93 Resp: 1052465
Ion Ratio Lower Upper
93 100
95 32.5 25.7 38.5
123 10.6 9.4 14.0

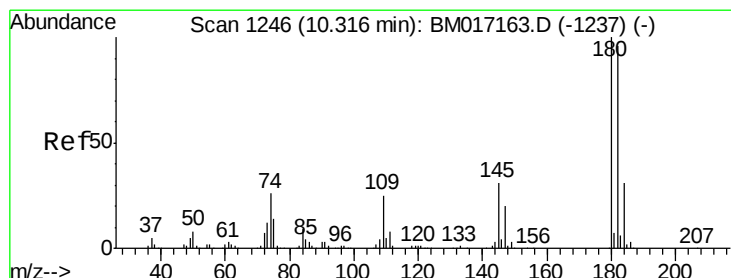
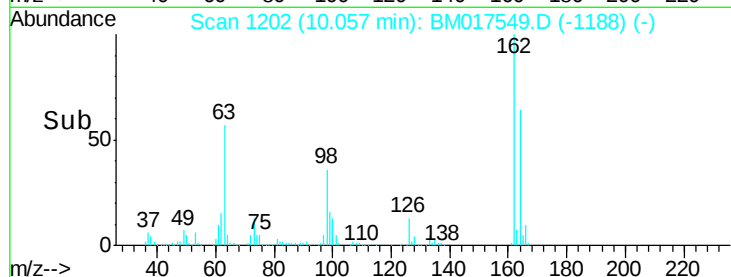
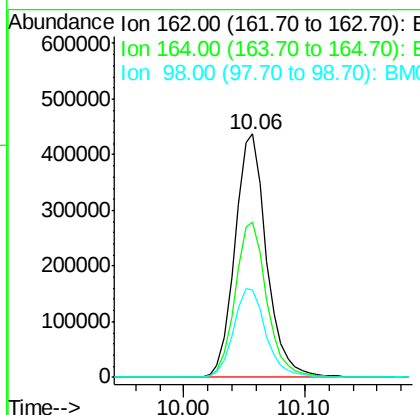
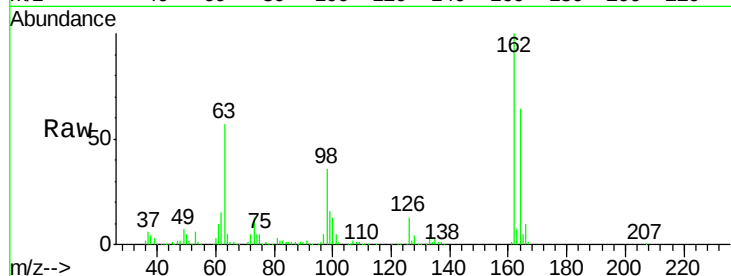




#29
2,4-Dichlorophenol
Concen: 55.72 ng
RT: 10.06 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

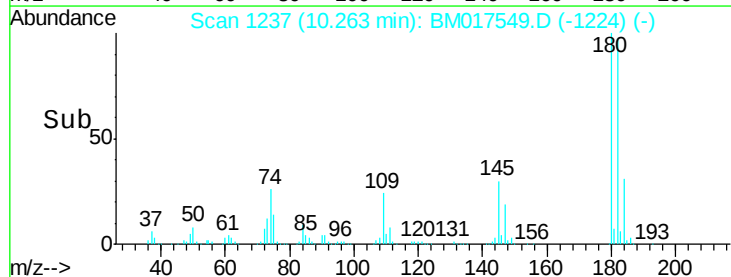
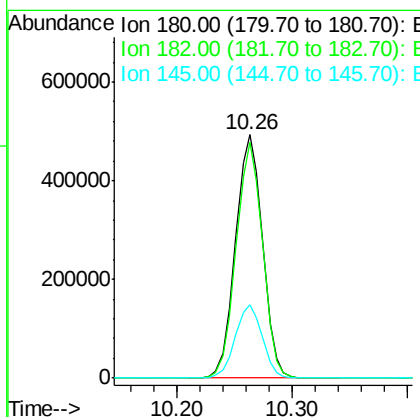
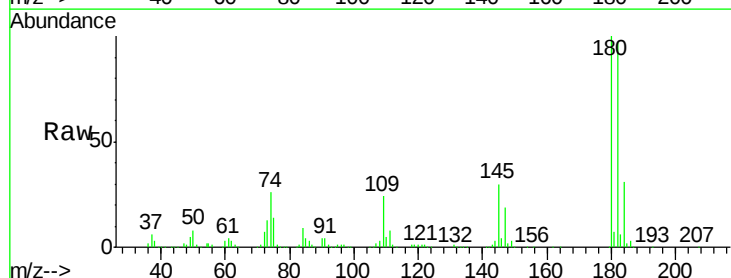
Instrument :
BNA_M
ClientSampled :

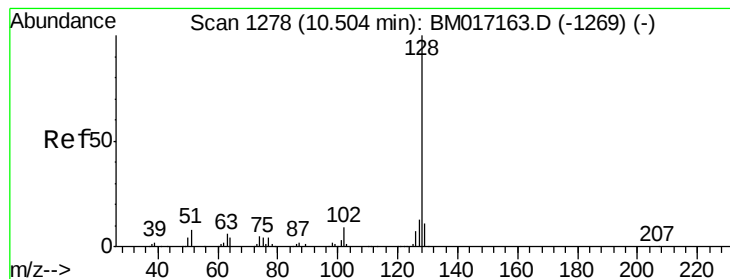
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.9	84.9
98	36.1	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 46.41 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.5	116.3
145	30.1	24.0	36.0





#31

Naphthalene

Concen: 52.21 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

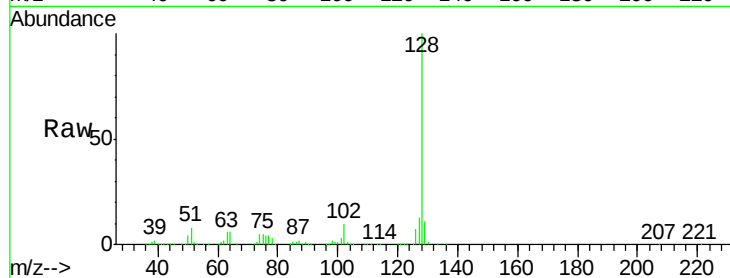
Tot Ion:128 Resp: 2529700

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

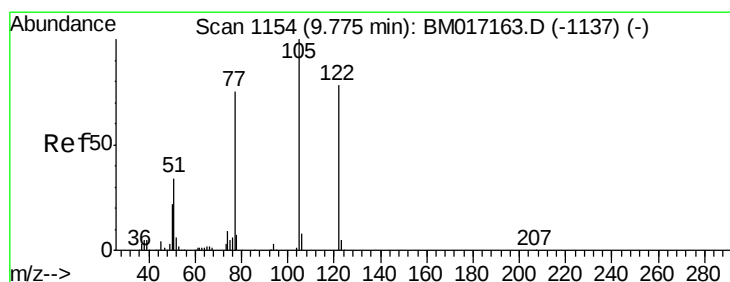
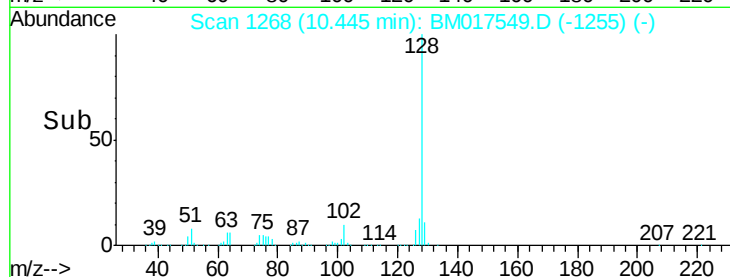
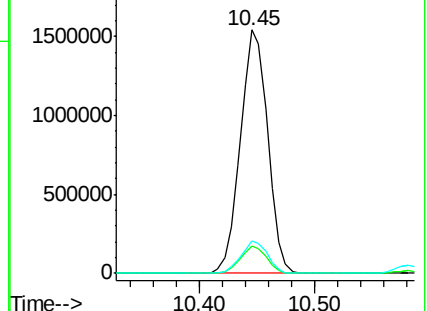
127 13.1 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 53.05 ng

RT: 9.76 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

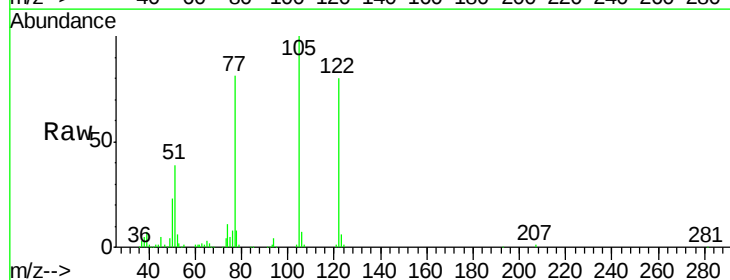
Tgt Ion:122 Resp: 488567

Ion Ratio Lower Upper

122 100

105 125.3 102.0 142.0

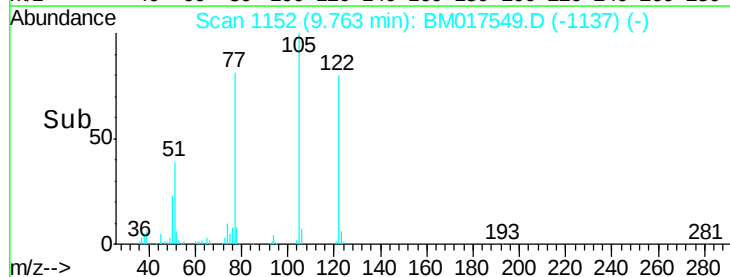
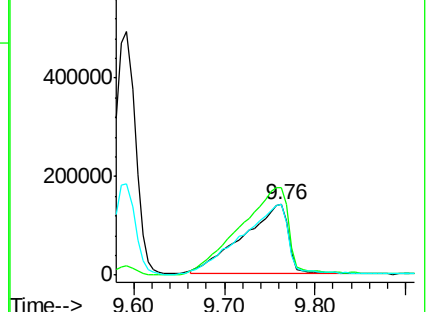
77 101.1 67.7 107.7

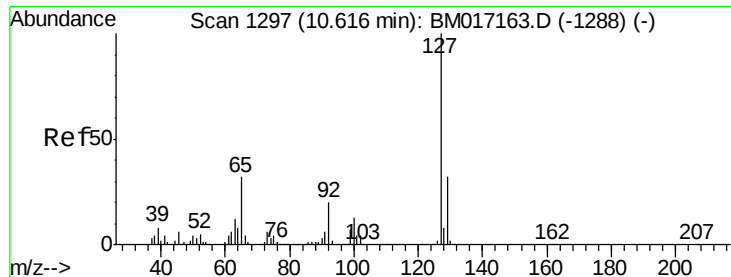


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

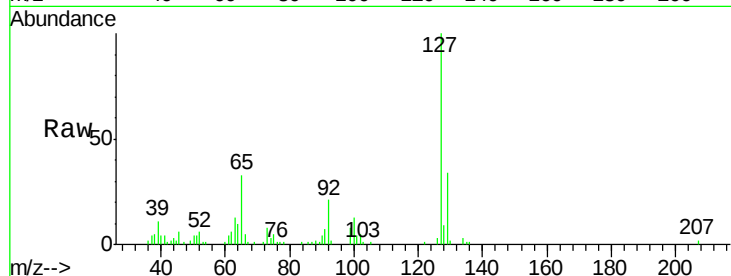




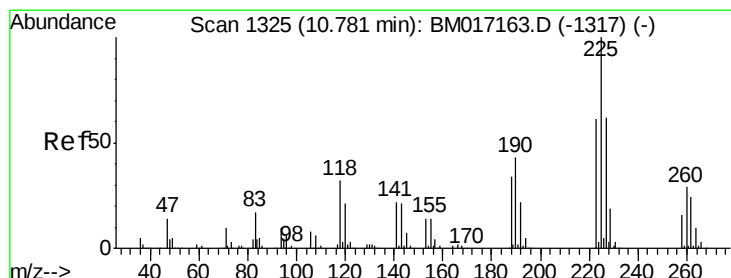
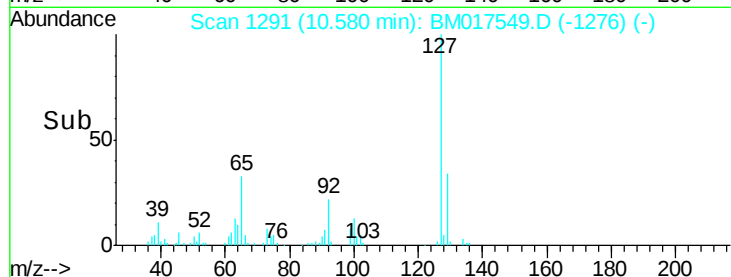
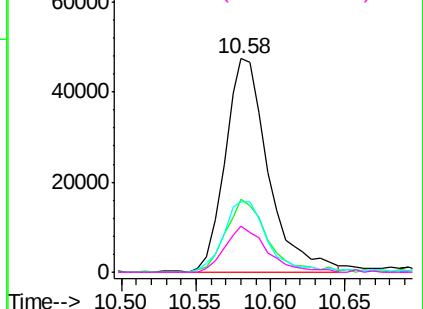
#33
4-Chloroaniline
Concen: 4.59 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	95964
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.2	39.4
65	33.0	23.7	35.5
92	21.4	14.3	21.5

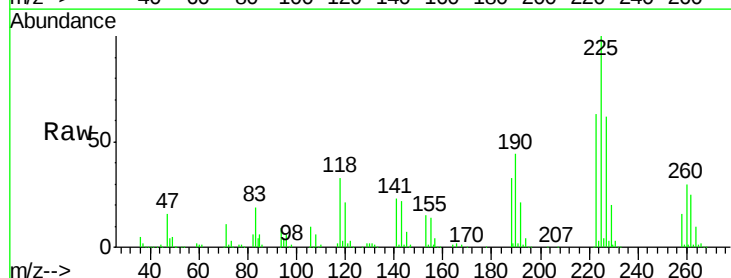


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

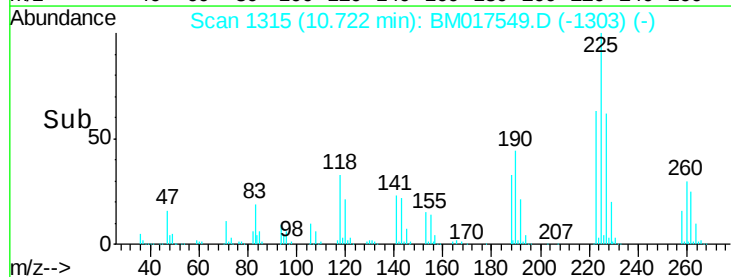
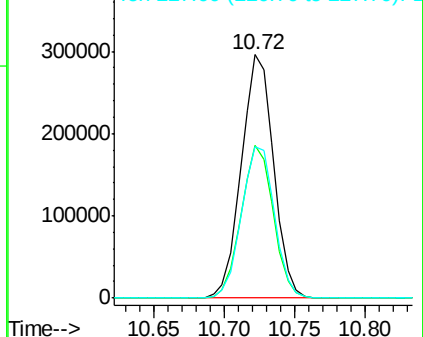


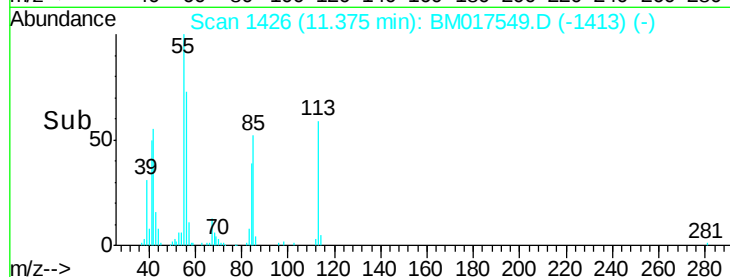
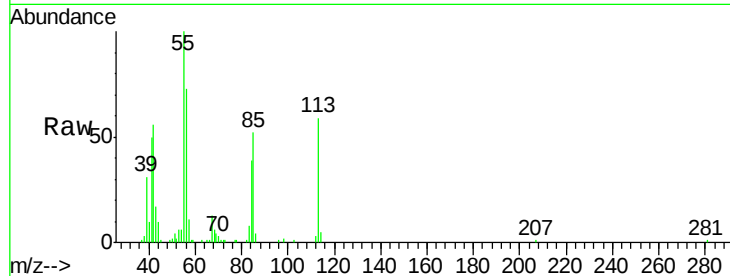
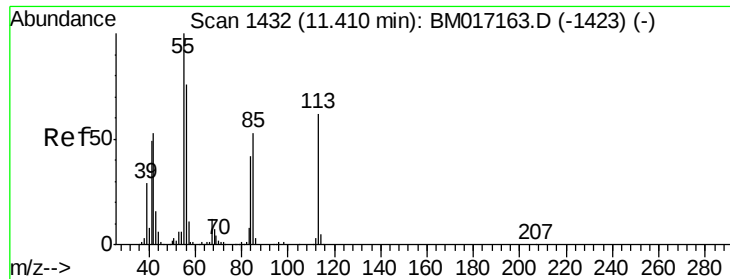
#34
Hexachlorobutadiene
Concen: 43.36 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:	225	Resp:	472356
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	62.2	50.8	76.2



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: 13.31 ng

RT: 11.37 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

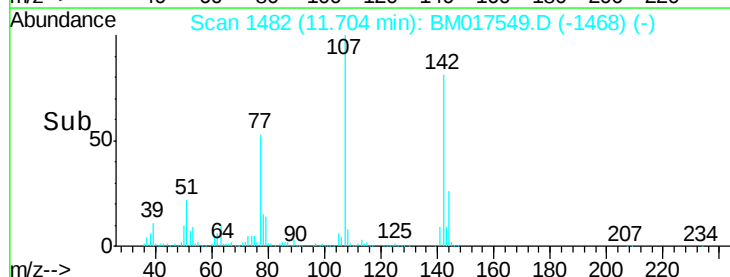
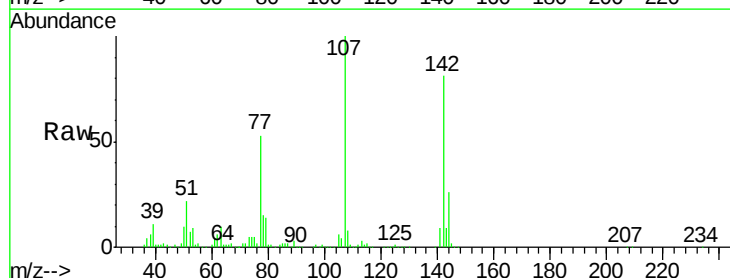
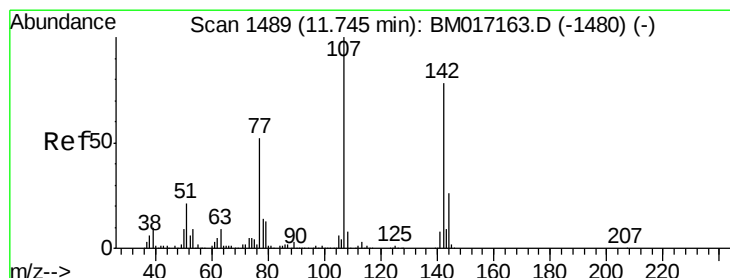
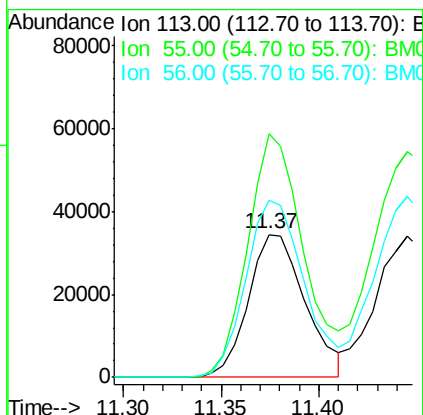
Tot Ion:113 Resp: 69533

Ion Ratio Lower Upper

113 100

55 170.1 147.0 187.0

56 123.7 104.5 144.5



#36

4-Chloro-3-methylphenol

Concen: 58.67 ng

RT: 11.70 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

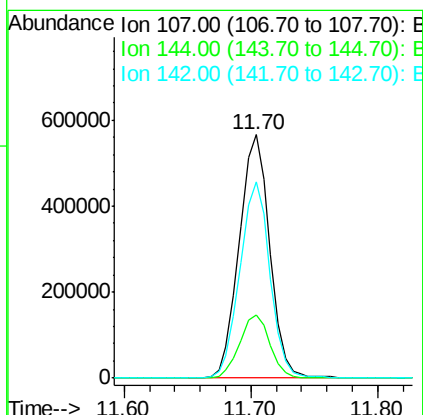
Tgt Ion:107 Resp: 947696

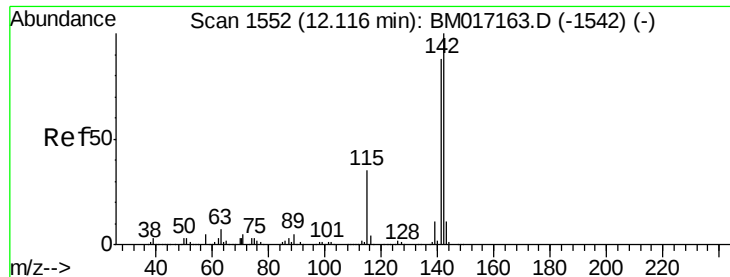
Ion Ratio Lower Upper

107 100

144 26.2 21.6 32.4

142 80.8 66.0 99.0

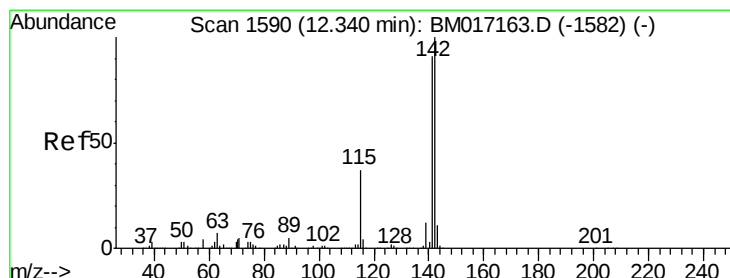
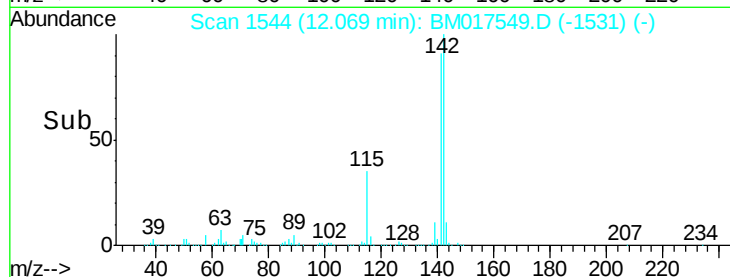
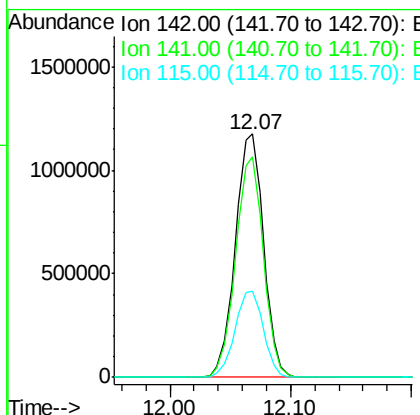
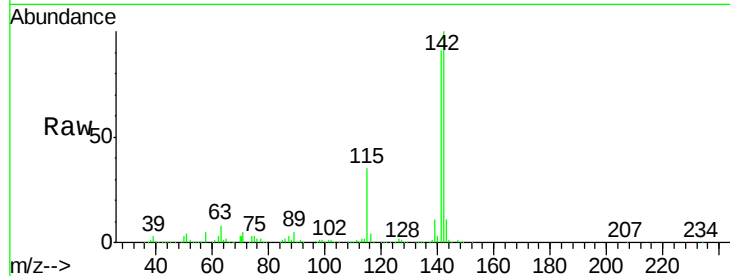




#37
2-Methylnaphthalene
Concen: 58.08 ng
RT: 12.07 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

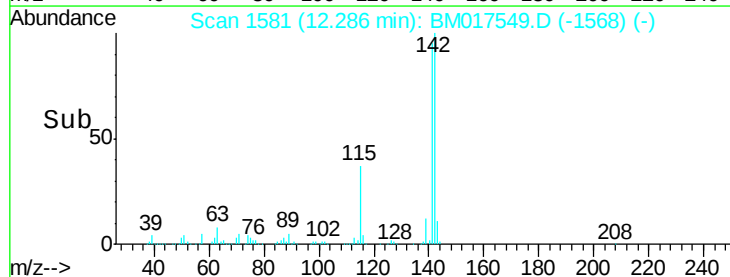
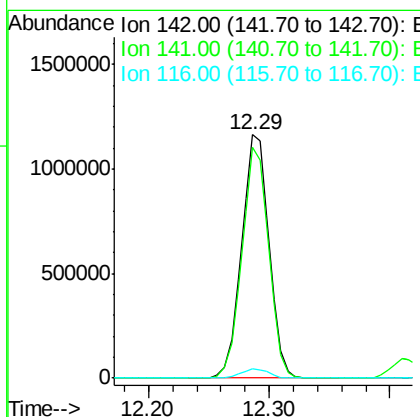
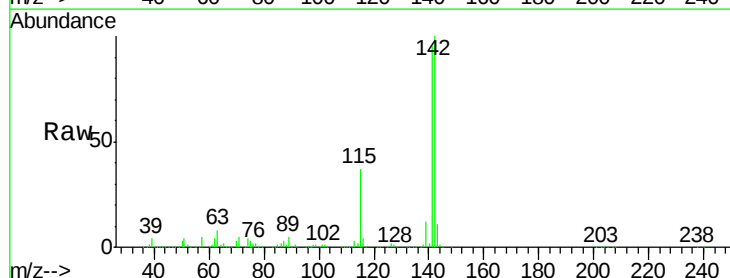
Instrument :
BNA_M
ClientSampleId :

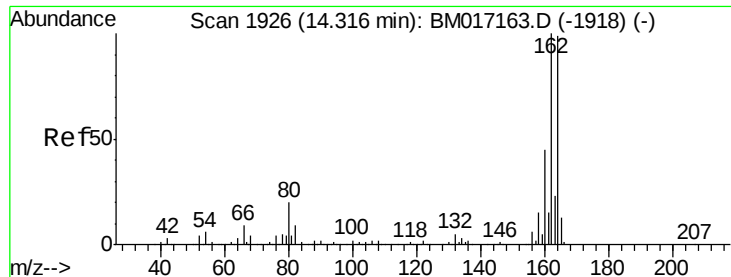
Tot Ion:142 Resp: 1925666
Ion Ratio Lower Upper
142 100
141 90.6 70.9 106.3
115 35.4 26.4 39.6



#38
1-Methylnaphthalene
Concen: 57.17 ng
RT: 12.29 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:142 Resp: 1844771
Ion Ratio Lower Upper
142 100
141 94.9 73.8 110.6
116 4.1 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.27 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

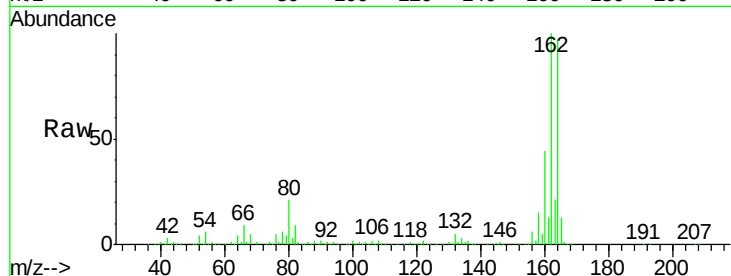
Tot Ion:164 Resp: 648995

Ion Ratio Lower Upper

164 100

162 103.3 82.1 123.1

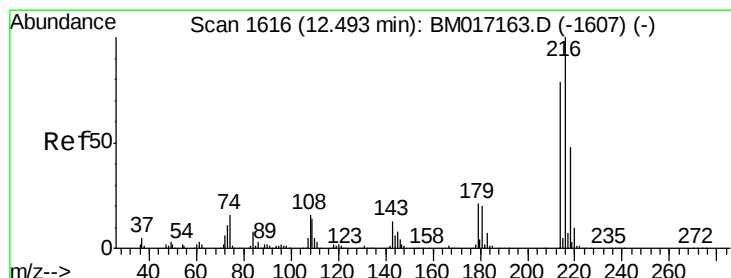
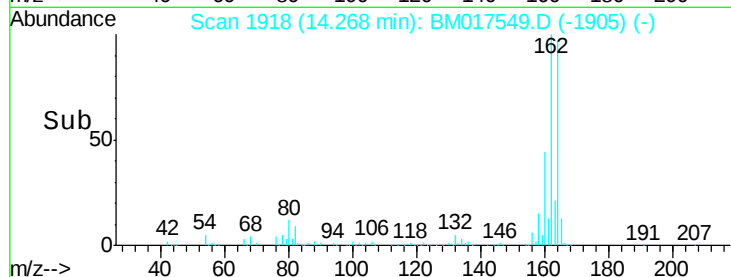
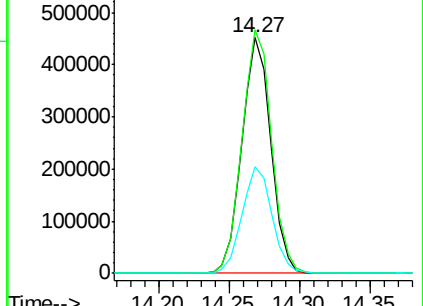
160 45.0 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.01 ng

RT: 12.44 min Scan# 1607

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Tgt Ion:216 Resp: 983071

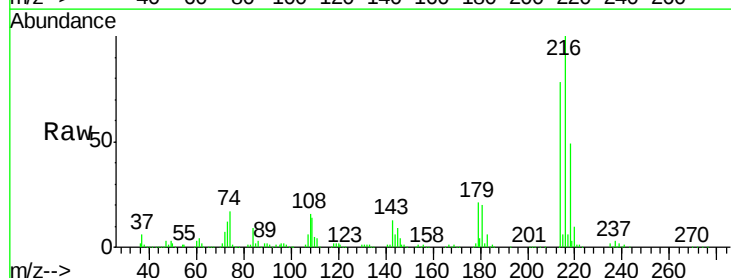
Ion Ratio Lower Upper

216 100

214 78.8 62.6 93.8

179 21.1 16.6 24.8

108 20.5 13.5 20.3#

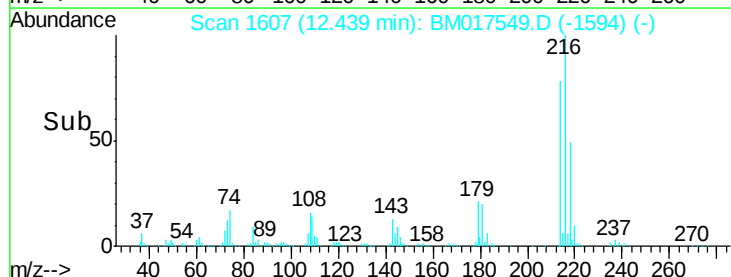
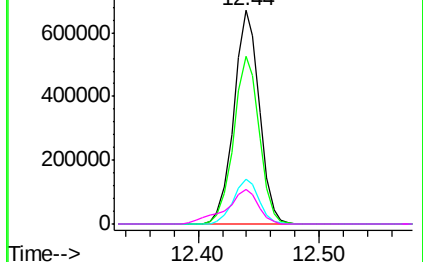


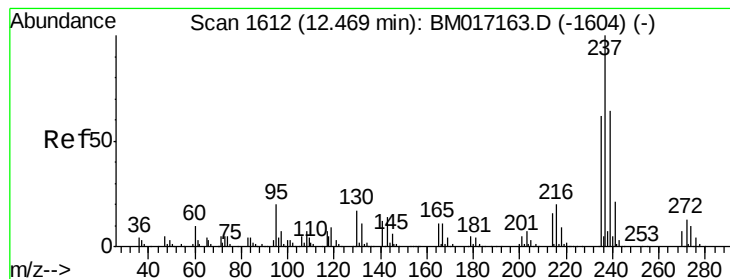
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 112.84 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

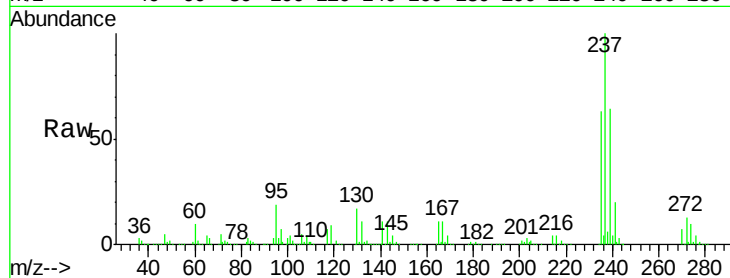
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 1246730

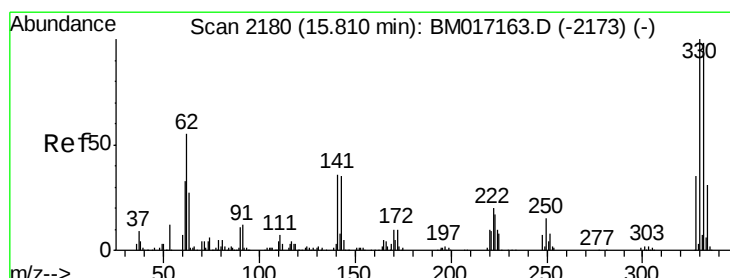
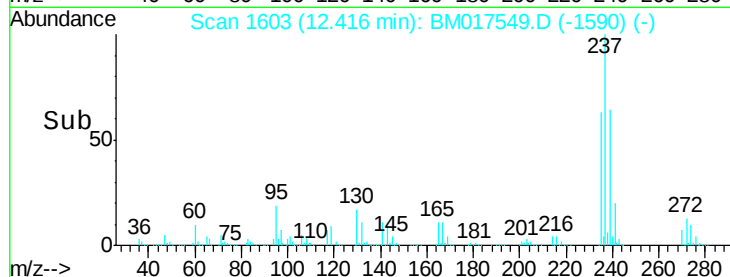
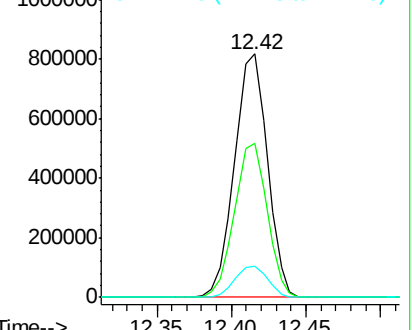
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.4	82.4
272	12.8	0.0	33.0



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: 148.49 ng

RT: 15.77 min Scan# 2174

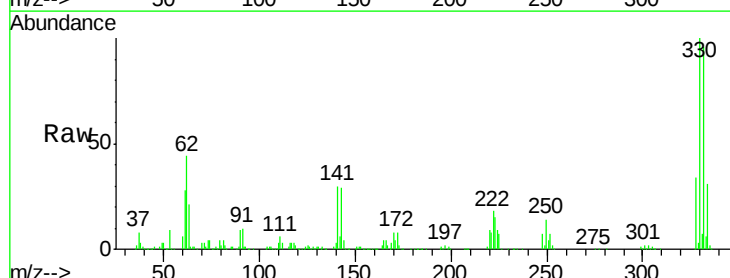
Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Tgt Ion:330 Resp: 1303246

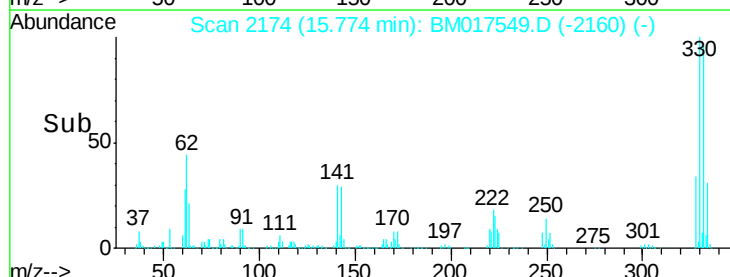
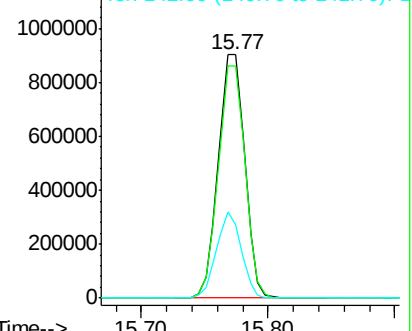
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	33.2	27.4	41.0

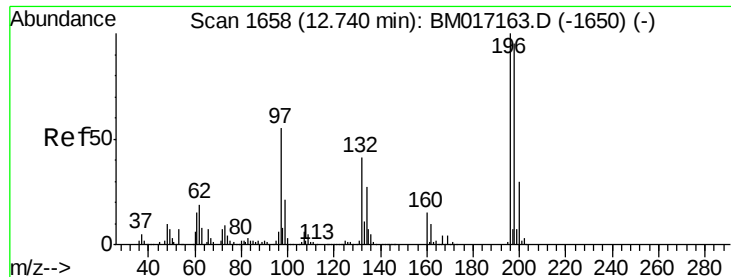


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

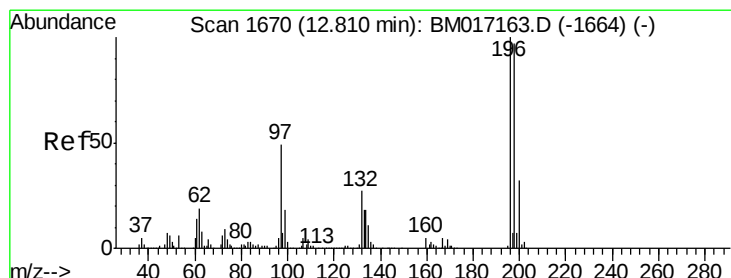
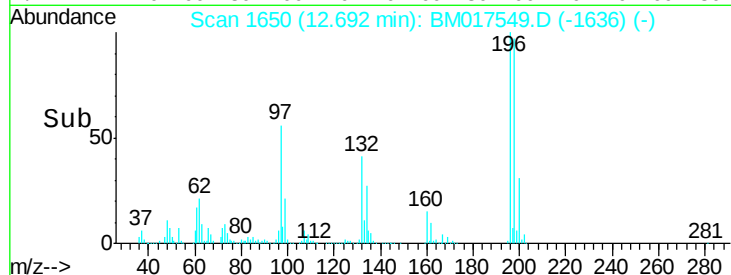
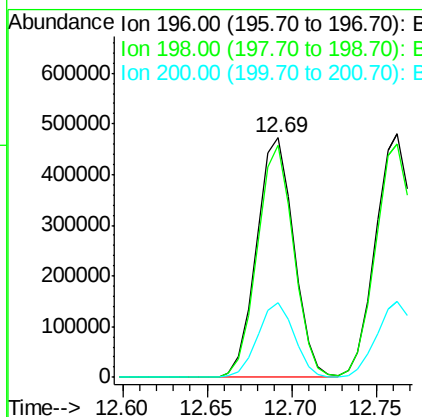
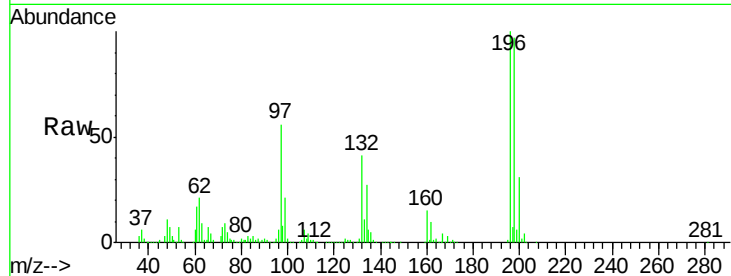




#43
2,4,6-Trichlorophenol
Concen: 54.30 ng
RT: 12.69 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

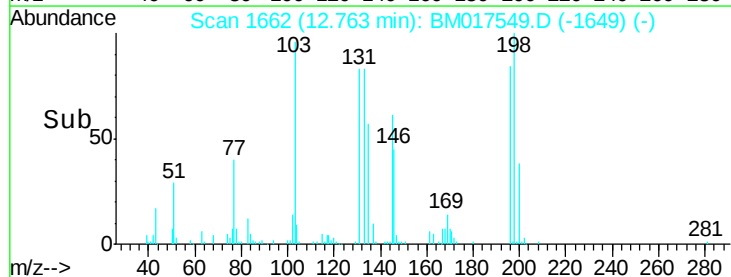
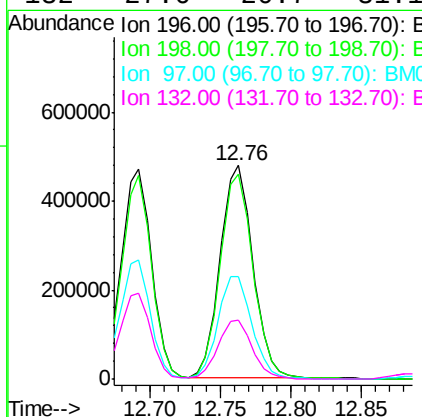
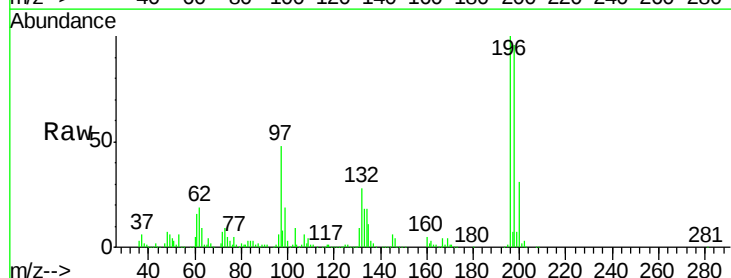
Instrument :
BNA_M
ClientSampled :

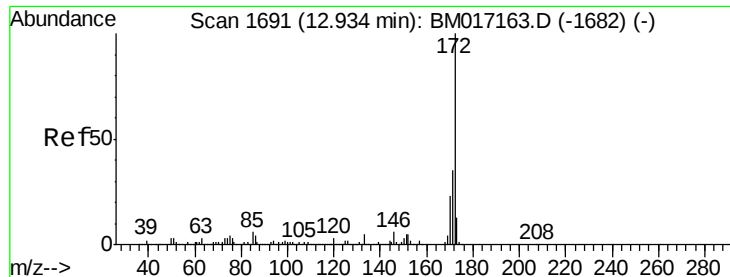
Tot Ion:196 Resp: 720376
Ion Ratio Lower Upper
196 100
198 96.8 77.1 115.7
200 31.2 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 54.64 ng
RT: 12.76 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:196 Resp: 777311
Ion Ratio Lower Upper
196 100
198 95.8 76.6 115.0
97 48.2 35.5 53.3
132 27.6 20.7 31.1

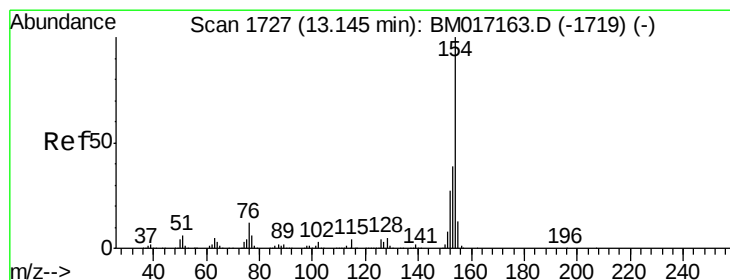
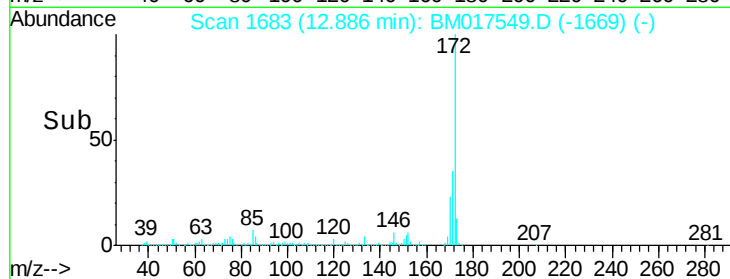
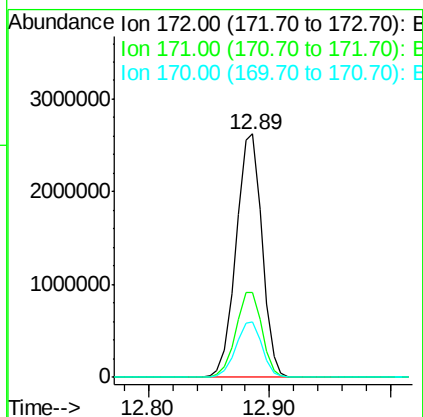
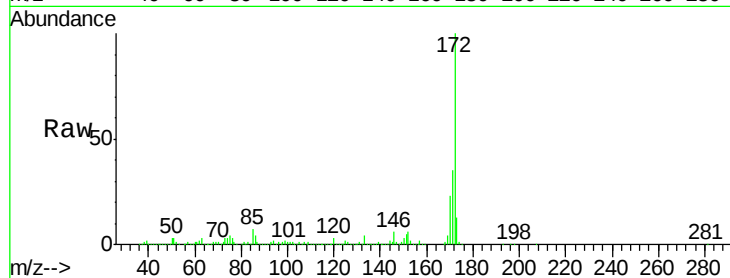




#45
2-Fluorobiphenyl
Concen: 80.52 ng
RT: 12.89 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

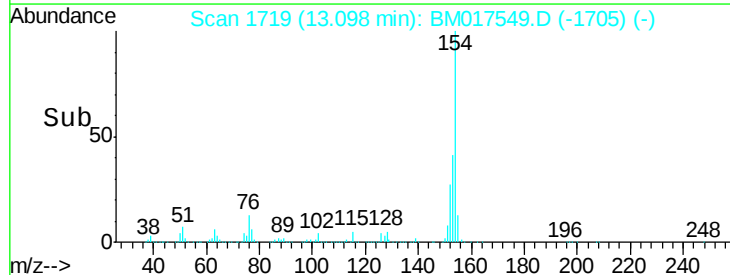
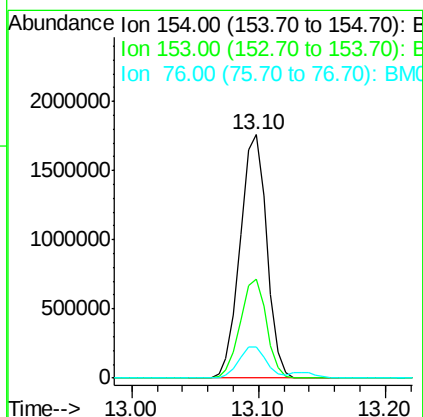
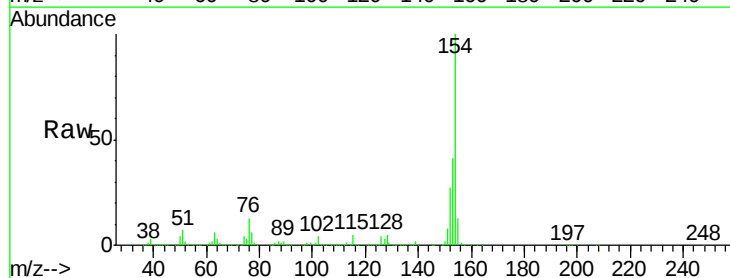
Instrument :
BNA_M
ClientSampleId :

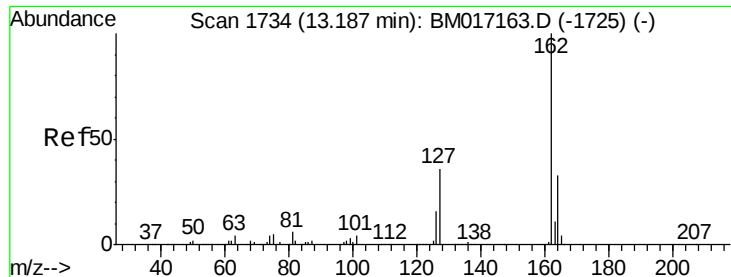
Tot Ion:172 Resp: 3927612
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.6 18.3 27.5



#46
1,1'-Biphenyl
Concen: 43.82 ng
RT: 13.10 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:154 Resp: 2558928
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 13.0 0.0 31.8

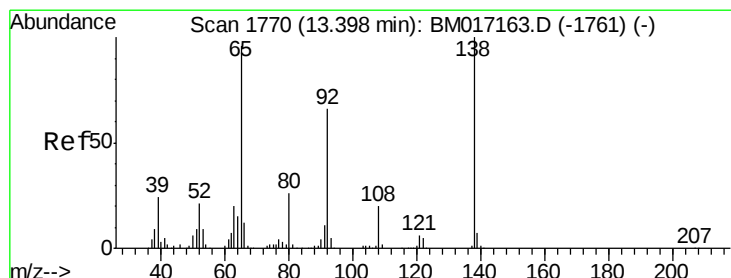
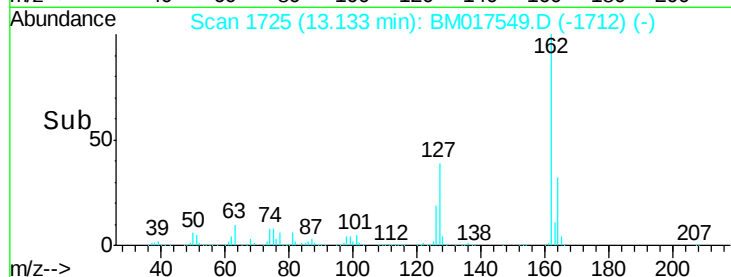
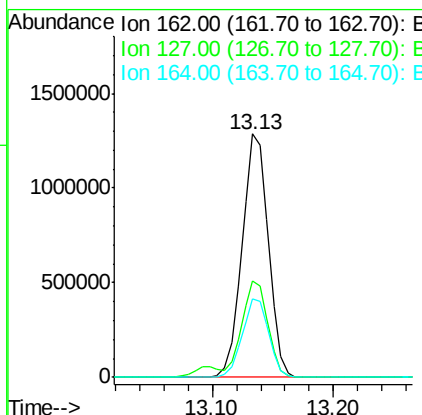
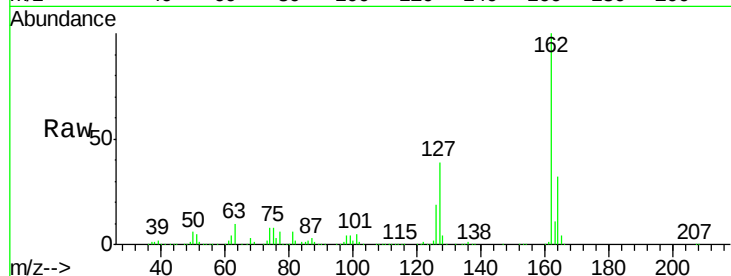




#47
2-Chloronaphthalene
Concen: 45.46 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

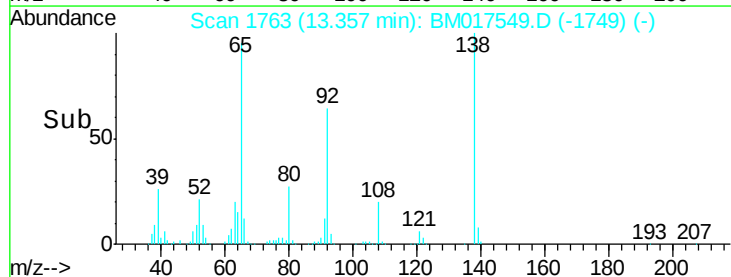
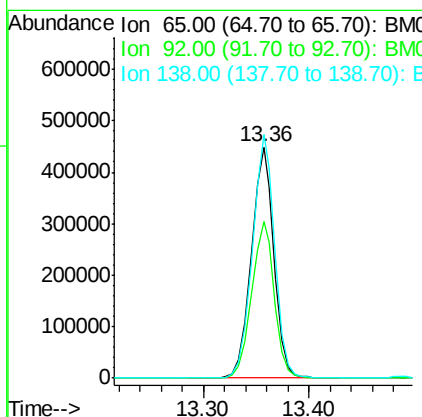
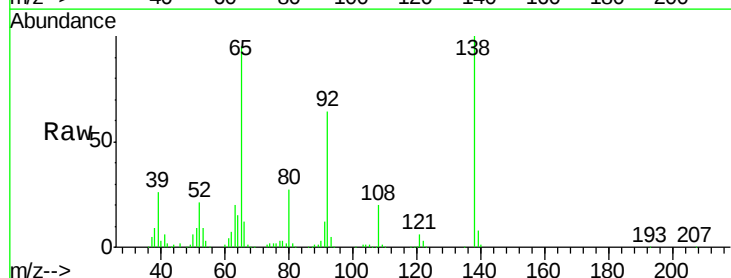
Instrument :
BNA_M
ClientSampleId :

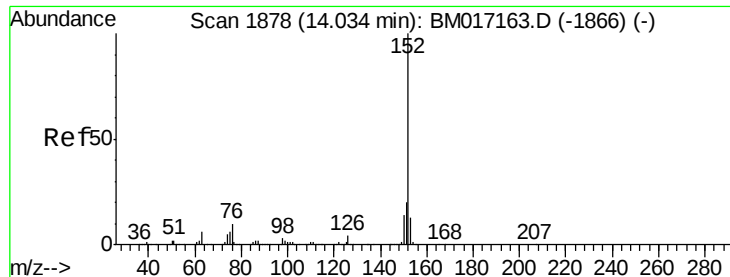
Tot Ion:162 Resp: 1953244
Ion Ratio Lower Upper
162 100
127 39.4 31.0 46.4
164 32.3 26.6 39.8



#48
2-Nitroaniline
Concen: 54.20 ng
RT: 13.36 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion: 65 Resp: 668027
Ion Ratio Lower Upper
65 100
92 67.5 54.9 82.3
138 105.3 83.7 125.5





#49

Acenaphthylene

Concen: 54.10 ng

RT: 13.99 min Scan# 1871

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

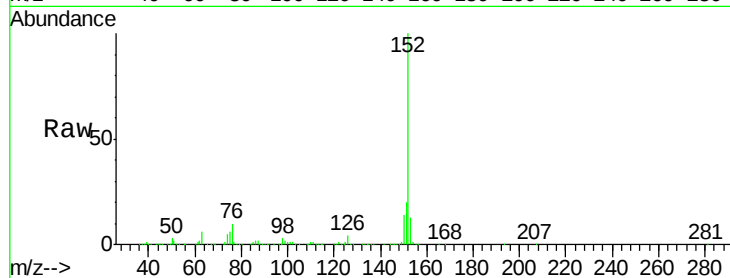
Tot Ion:152 Resp: 3369246

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

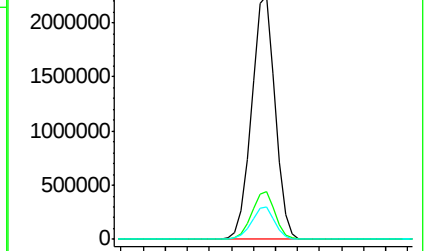
153 13.1 10.4 15.6



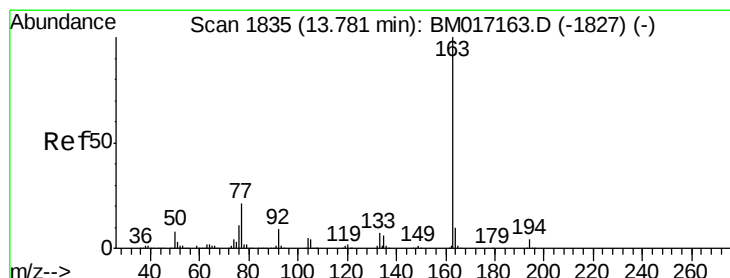
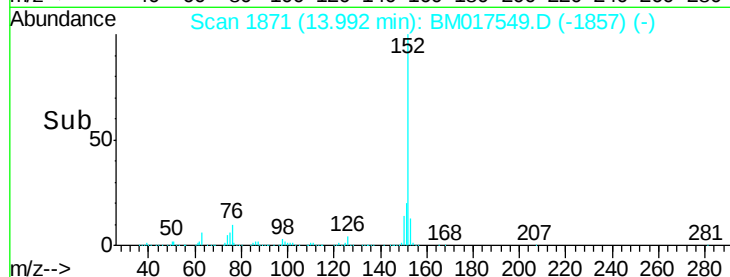
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 55.28 ng

RT: 13.74 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

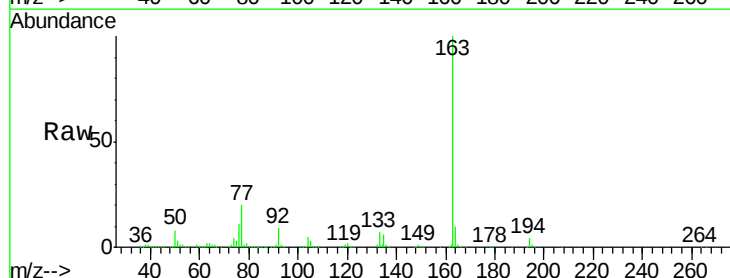
Tgt Ion:163 Resp: 2767742

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

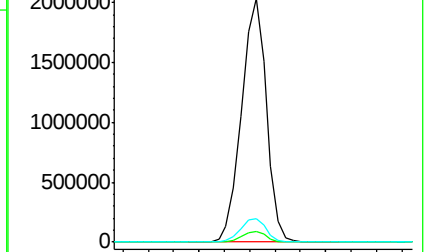
164 9.8 7.8 11.8



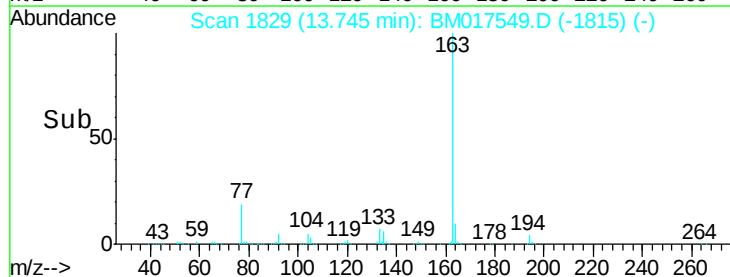
Abundance Ion 163.00 (162.70 to 163.70): E

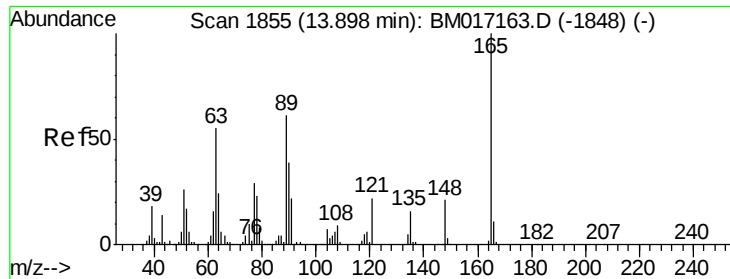
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

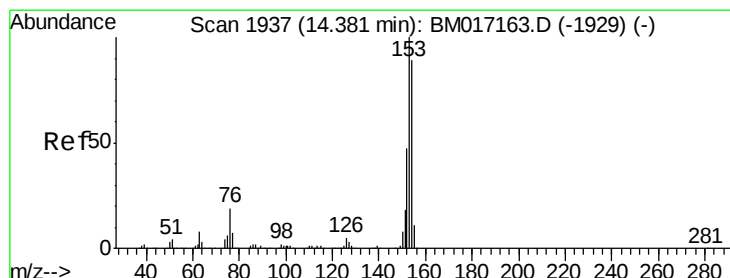
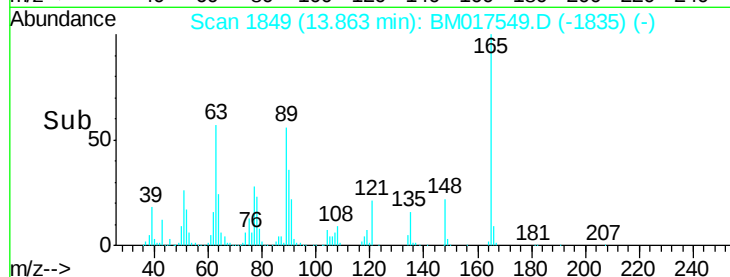
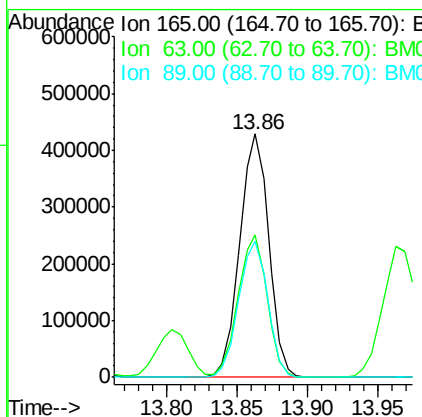
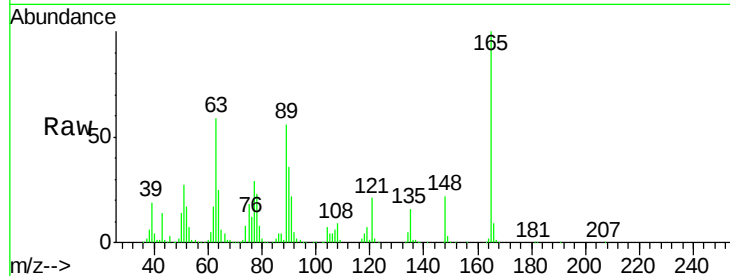




#51
 2,6-Dinitrotoluene
 Concen: 55.90 ng
 RT: 13.86 min Scan# 1849
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

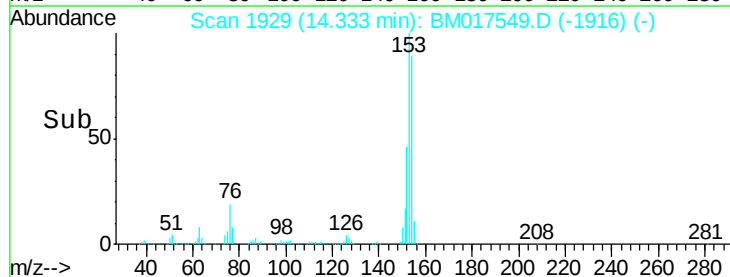
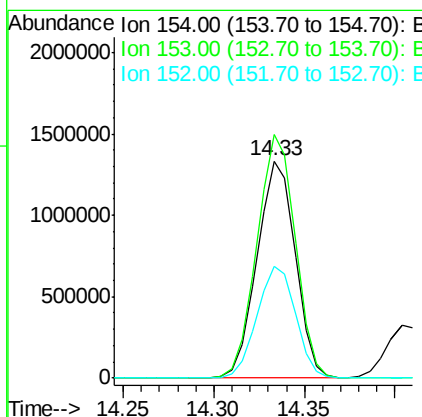
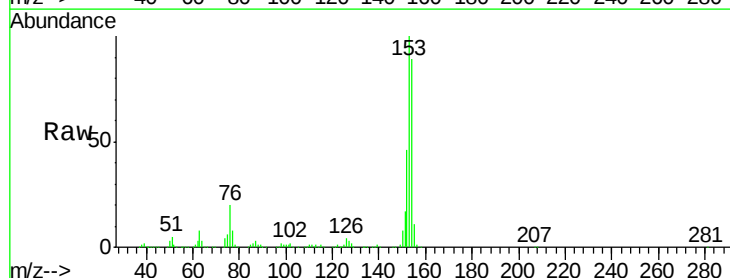
Instrument :
 BNA_M
 ClientSampleId :

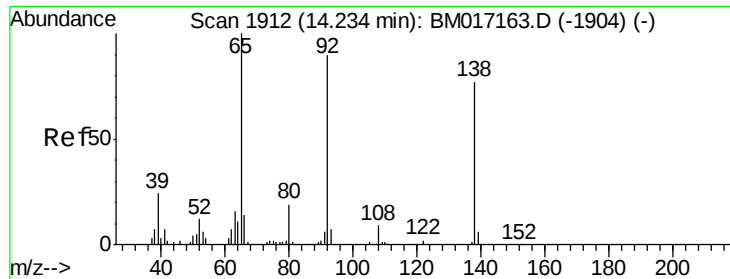
Tot Ion:165 Resp: 615978
 Ion Ratio Lower Upper
 165 100
 63 58.5 42.7 64.1
 89 56.1 42.1 63.1



#52
 Acenaphthene
 Concen: 49.94 ng
 RT: 14.33 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion:154 Resp: 1952849
 Ion Ratio Lower Upper
 154 100
 153 112.0 90.2 135.2
 152 51.7 44.2 66.4





#53

3-Nitroaniline

Concen: 20.27 ng

RT: 14.19 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampled :

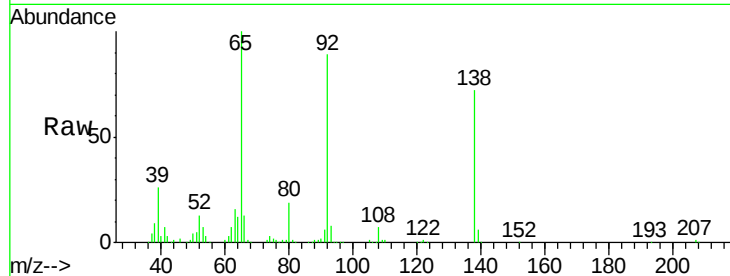
Tot Ion:138 Resp: 241950

Ion Ratio Lower Upper

138 100

108 9.9 8.7 13.1

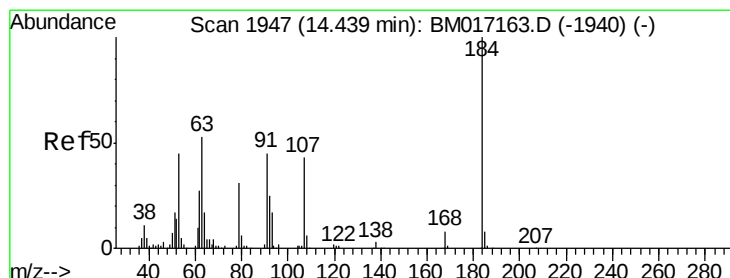
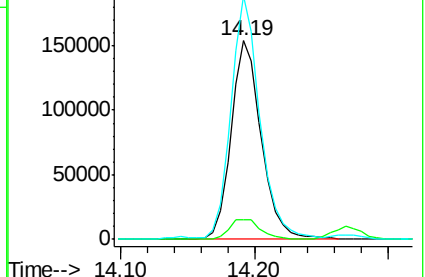
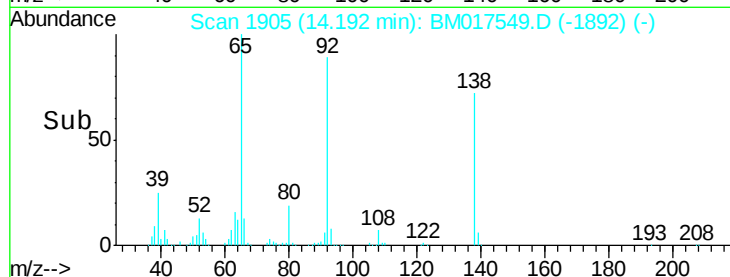
92 122.6 87.9 131.9



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: 117.93 ng

RT: 14.40 min Scan# 1941

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

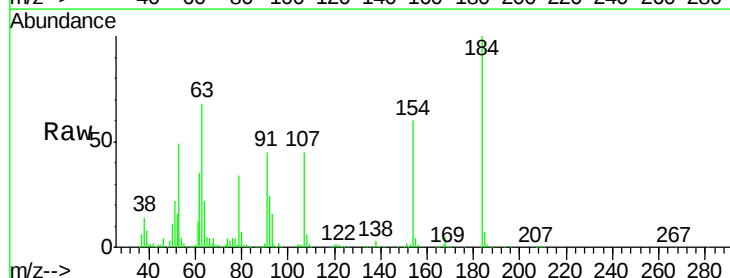
Tgt Ion:184 Resp: 790502

Ion Ratio Lower Upper

184 100

63 67.6 51.2 76.8

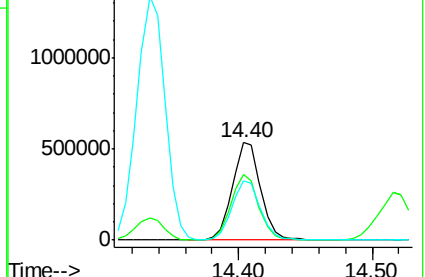
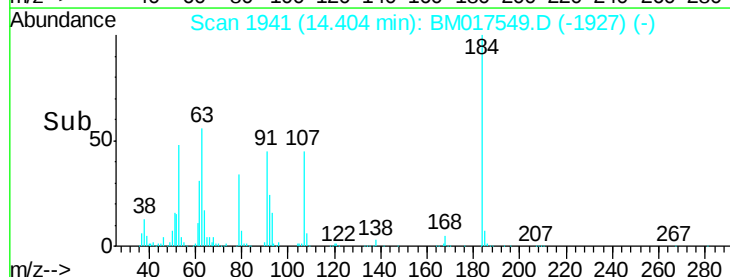
154 60.5 47.8 71.8

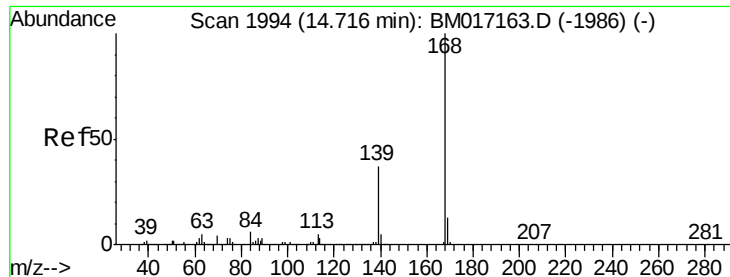


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

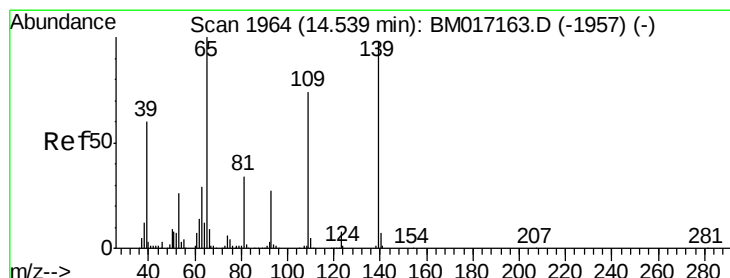
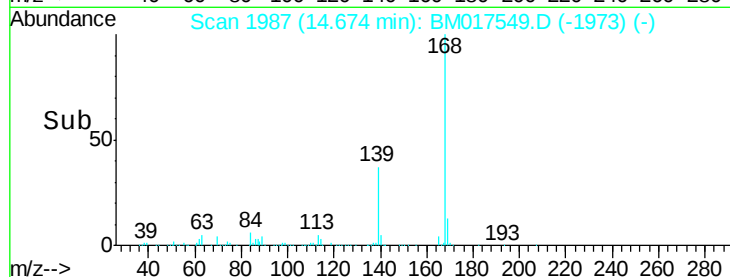
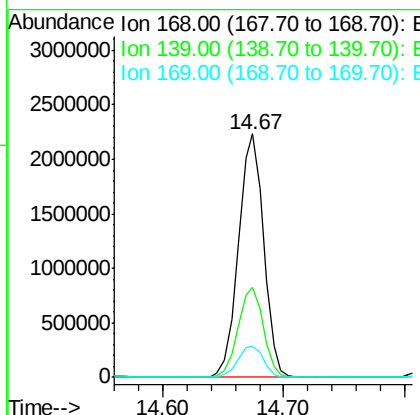
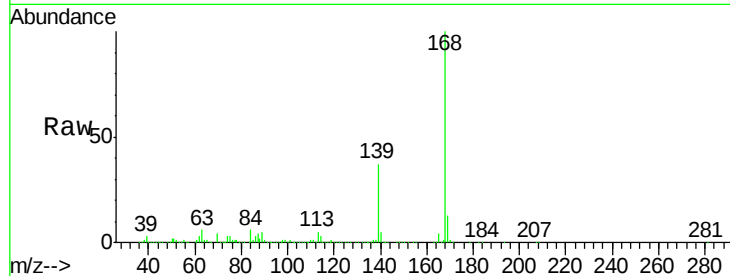




#55
Dibenzofuran
Concen: 49.67 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

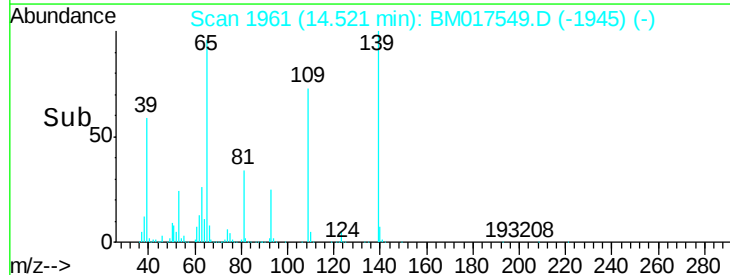
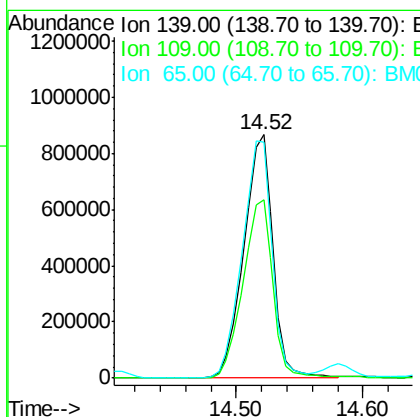
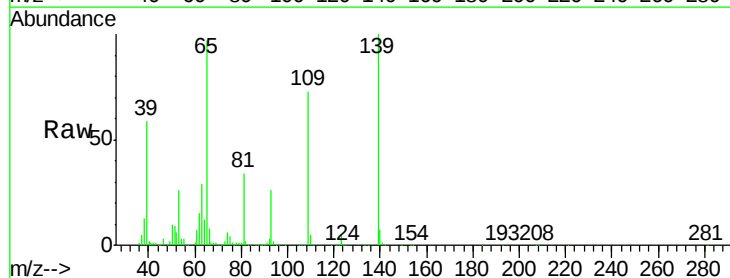
Instrument :
BNA_M
ClientSampleId :

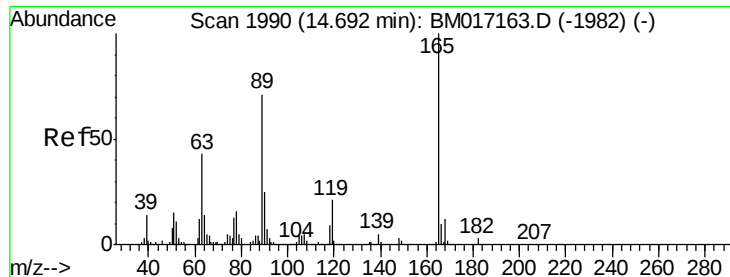
Tot Ion:168 Resp: 3229581
Ion Ratio Lower Upper
168 100
139 36.8 29.3 43.9
169 13.0 10.6 15.8



#56
4-Nitrophenol
Concen: 124.92 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:139 Resp: 1389480
Ion Ratio Lower Upper
139 100
109 73.4 51.8 91.8
65 96.7 72.1 112.1

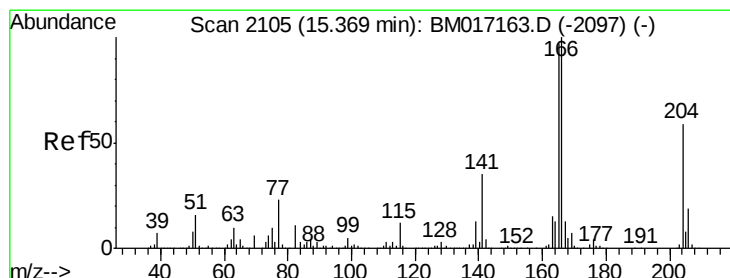
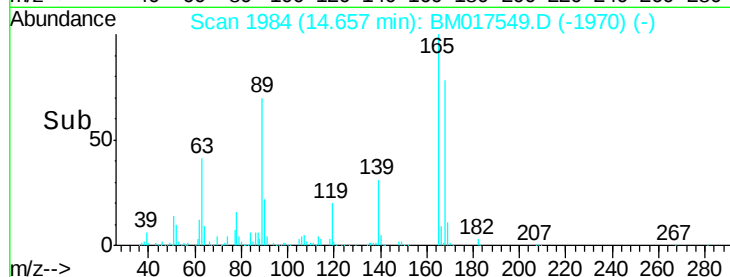
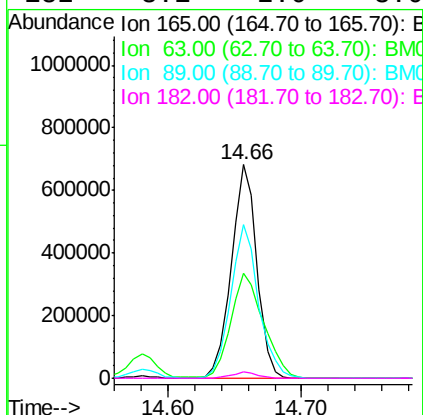
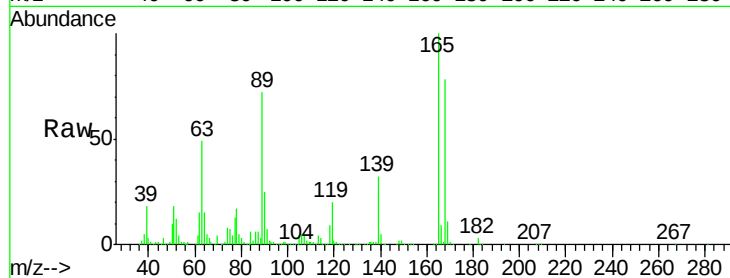




#57
2,4-Dinitrotoluene
Concen: 61.22 ng
RT: 14.66 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

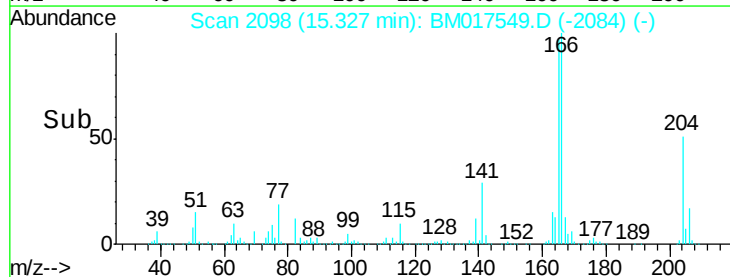
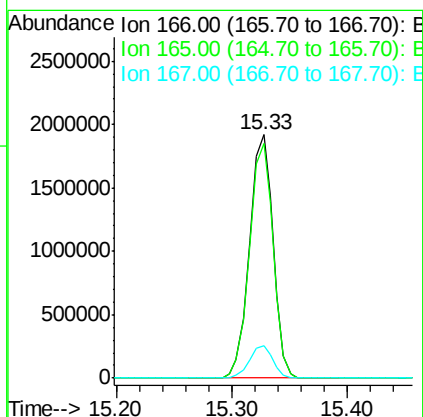
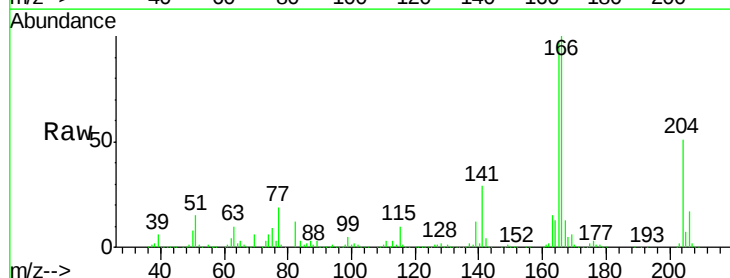
Instrument :
BNA_M
ClientSampled :

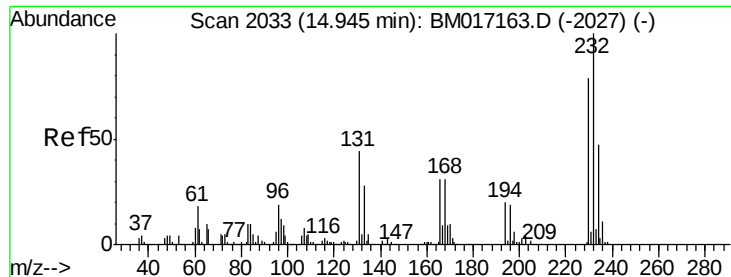
Tot Ion:165 Resp: 906777
Ion Ratio Lower Upper
165 100
63 49.2 33.8 50.8
89 72.2 53.1 79.7
182 3.1 2.0 3.0#



#58
Fluorene
Concen: 56.46 ng
RT: 15.33 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:166 Resp: 2717289
Ion Ratio Lower Upper
166 100
165 96.6 78.1 117.1
167 13.4 10.6 16.0

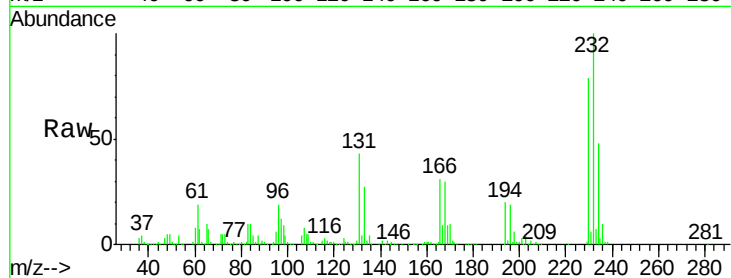




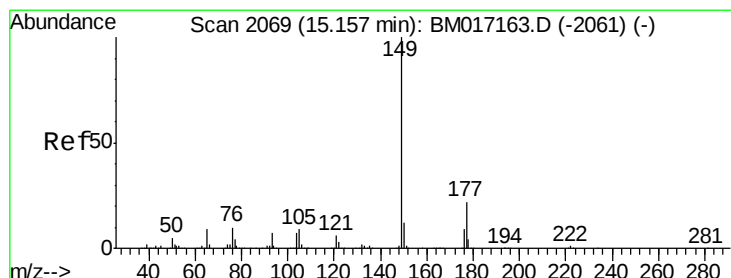
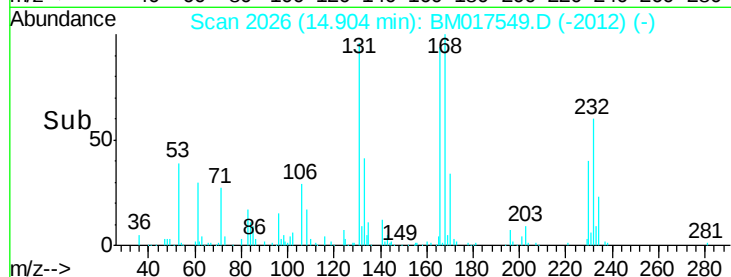
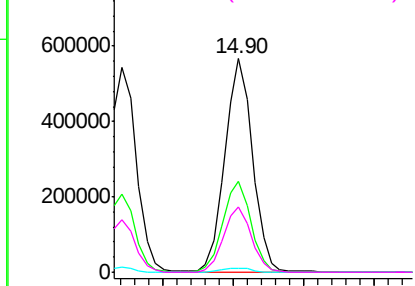
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 59.49 ng
 RT: 14.90 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232	Resp:	771506
Ion	Ratio	Lower Upper
232	100	
131	43.1	33.1 49.7
130	2.2	1.7 2.5
166	30.5	24.4 36.6

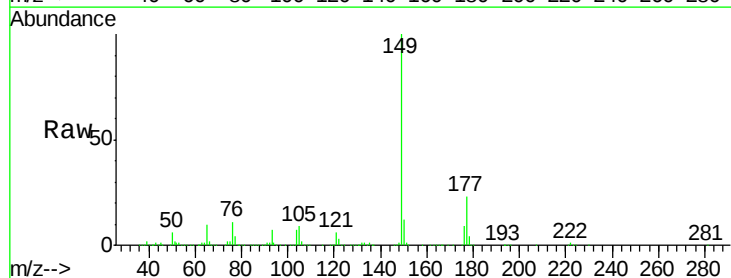


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

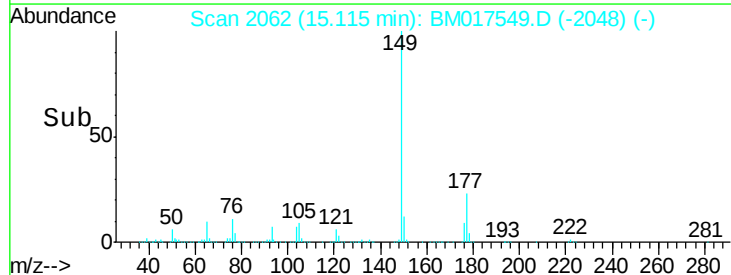
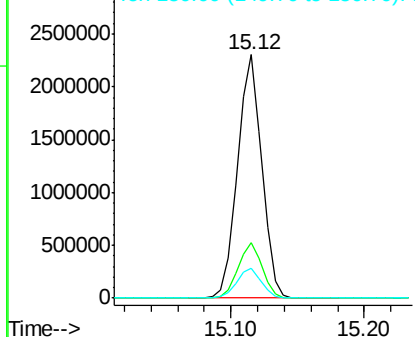


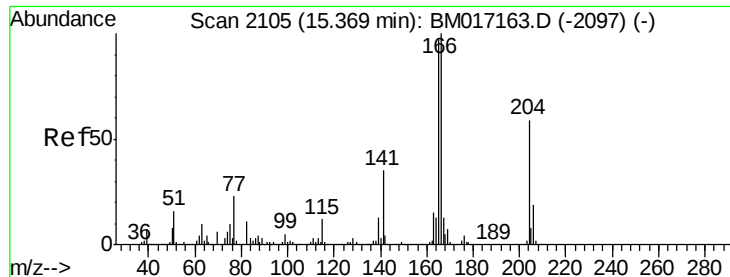
#60
 Diethylphthalate
 Concen: 58.43 ng
 RT: 15.12 min Scan# 2062
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion:149	Resp:	2901172
Ion	Ratio	Lower Upper
149	100	
177	22.6	17.7 26.5
150	12.3	10.0 15.0



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

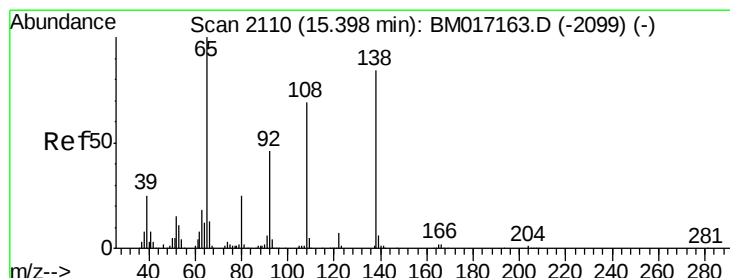
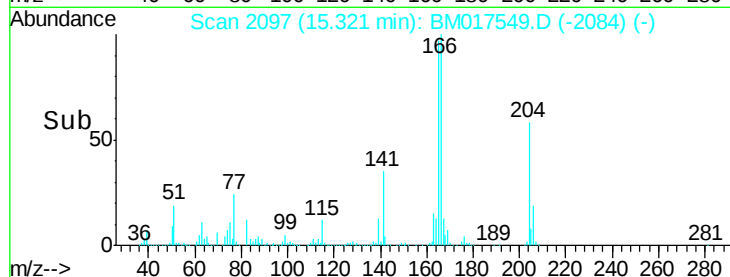
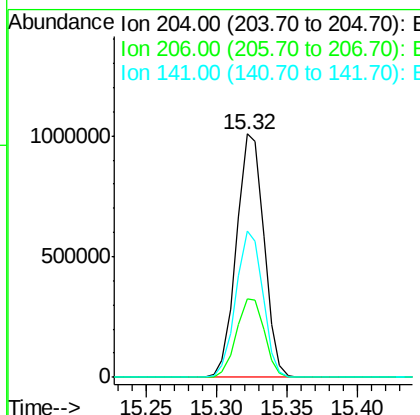
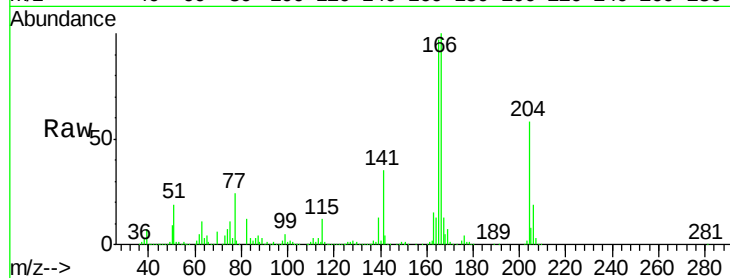




#61
4-Chlorophenyl-phenylether
Concen: 49.93 ng
RT: 15.32 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

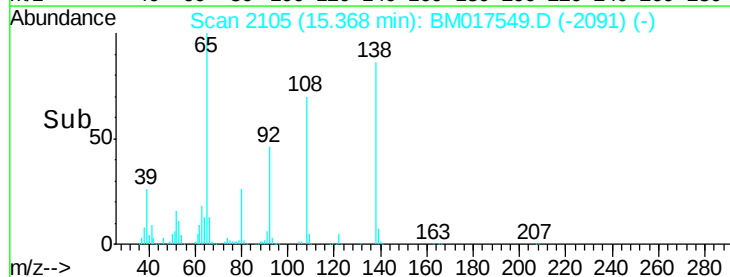
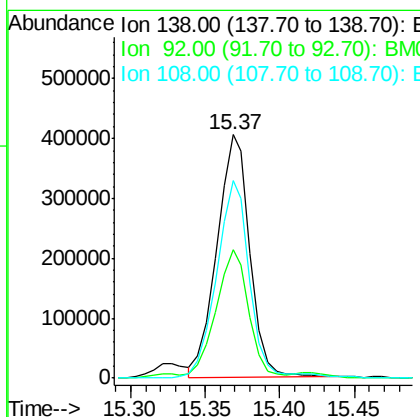
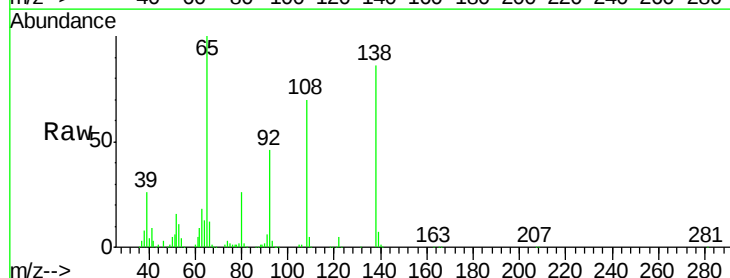
Instrument :
BNA_M
ClientSampled :

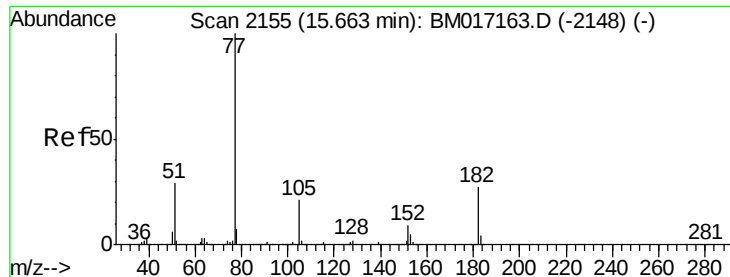
Tot Ion:204 Resp: 1369936
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 60.1 45.4 68.2



#62
4-Nitroaniline
Concen: 46.90 ng
RT: 15.37 min Scan# 2105
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:138 Resp: 623100
Ion Ratio Lower Upper
138 100
92 52.8 31.2 71.2
108 81.0 55.5 95.5

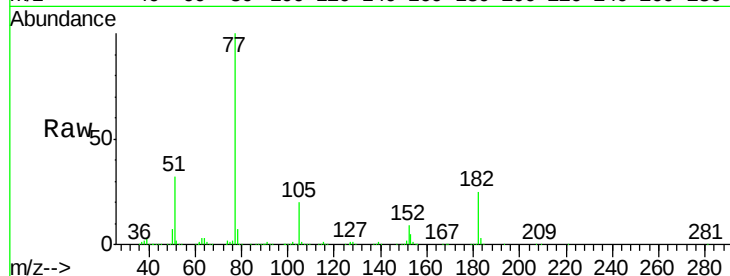




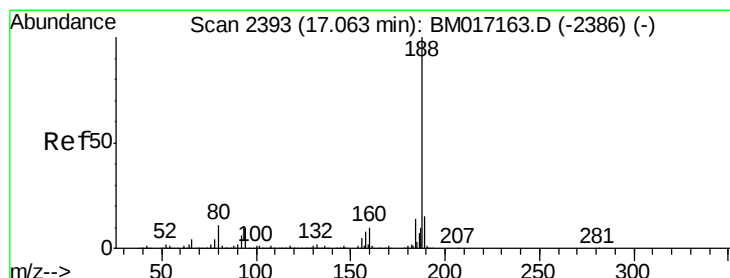
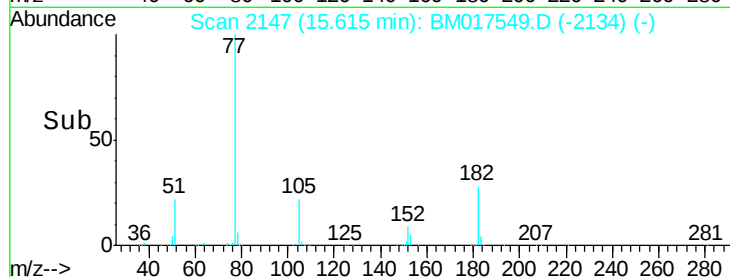
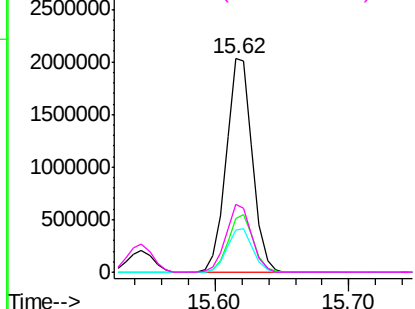
#63
Azobenzene
Concen: 57.38 ng
RT: 15.62 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 2769443
Ion Ratio Lower Upper
77 100
182 25.4 8.3 48.3
105 20.0 1.5 41.5
51 31.5 8.8 48.8

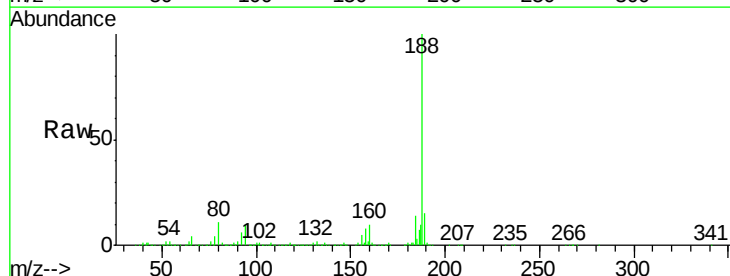


Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017163.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017163.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017163.D (-2148) (-)

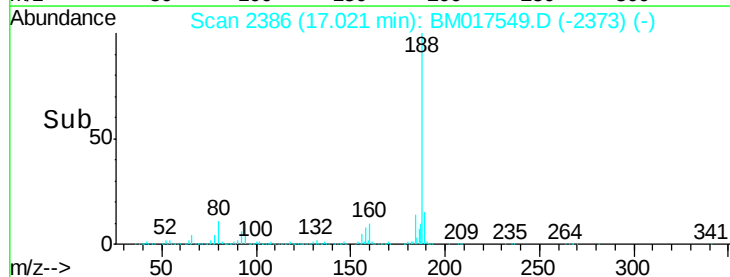
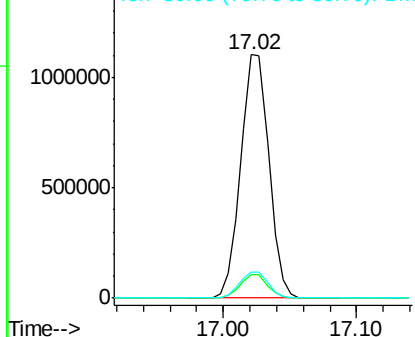


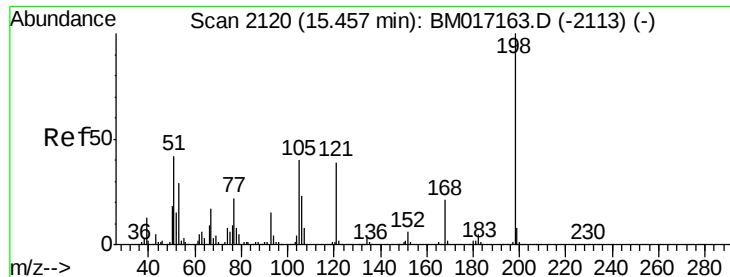
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion: 188 Resp: 1610853
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017163.D (-2386) (-)
Ion 94.00 (93.70 to 94.70): BM017163.D (-2386) (-)
Ion 80.00 (79.70 to 80.70): BM017163.D (-2386) (-)

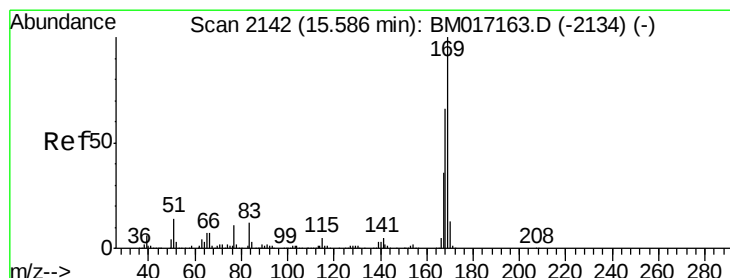
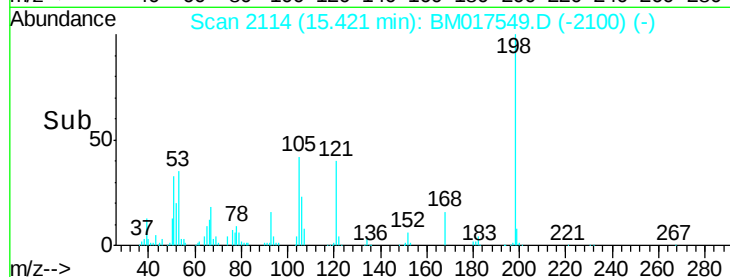
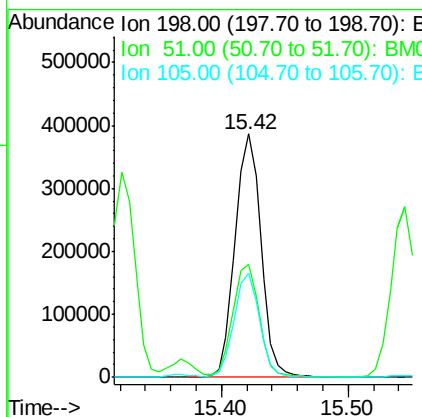
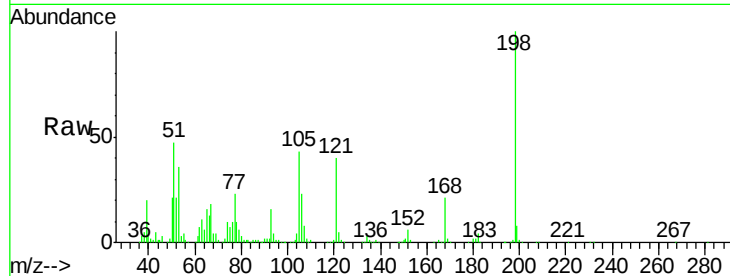




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.09 ng
 RT: 15.42 min Scan# 2114
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

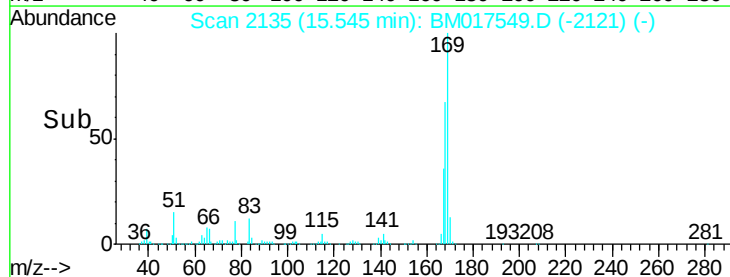
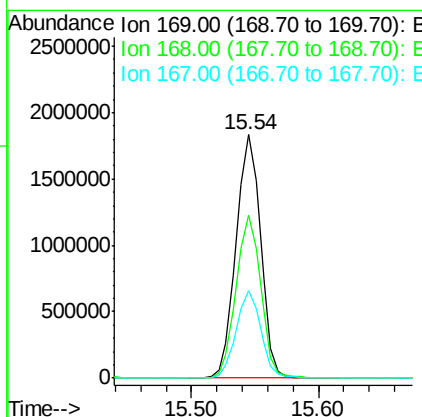
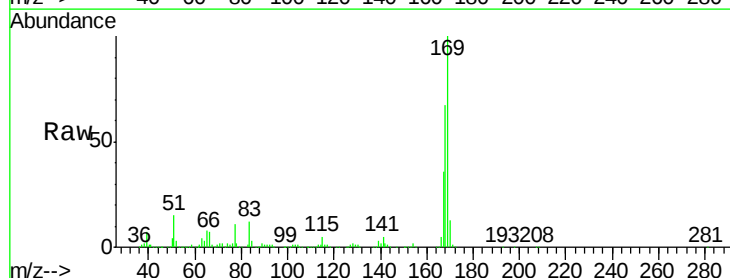
Instrument :
 BNA_M
 ClientSampleId :

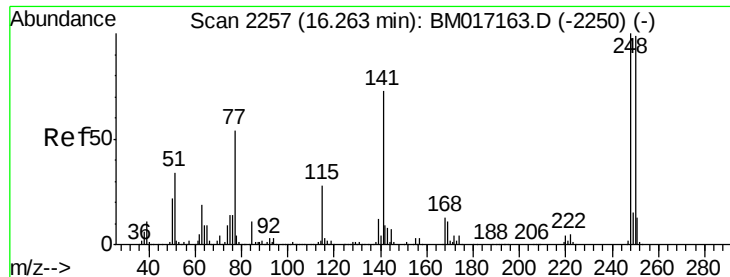
Tot Ion:198 Resp: 546080
 Ion Ratio Lower Upper
 198 100
 51 46.5 20.3 60.3
 105 42.6 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 50.21 ng
 RT: 15.54 min Scan# 2135
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion:169 Resp: 2447108
 Ion Ratio Lower Upper
 169 100
 168 66.7 52.2 78.4
 167 35.8 28.4 42.6

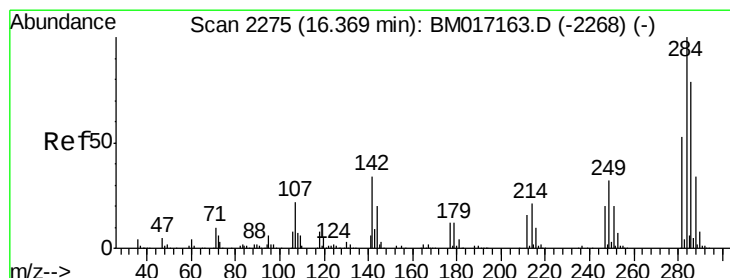
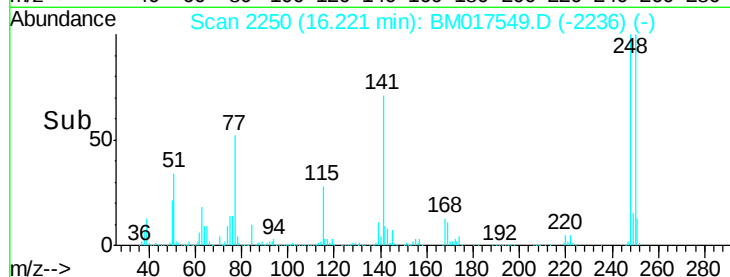
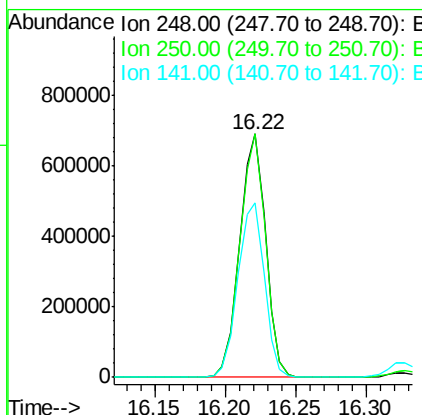
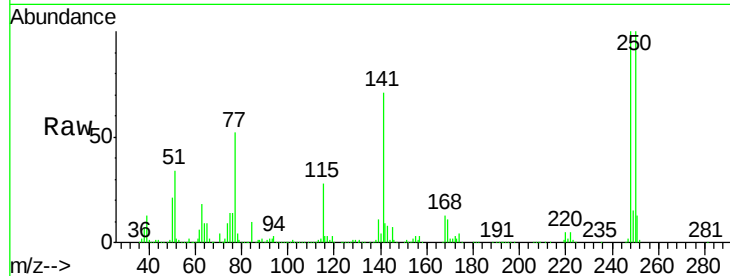




#67
 4-Bromophenyl-phenylether
 Concen: 50.29 ng
 RT: 16.22 min Scan# 2250
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

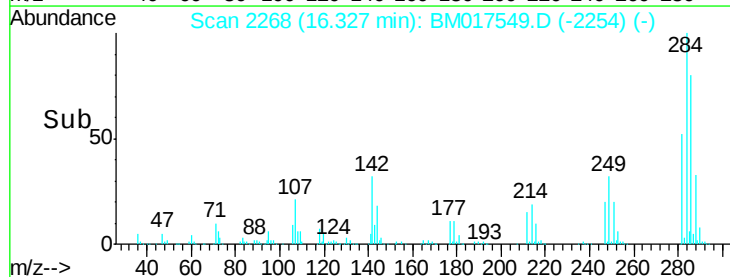
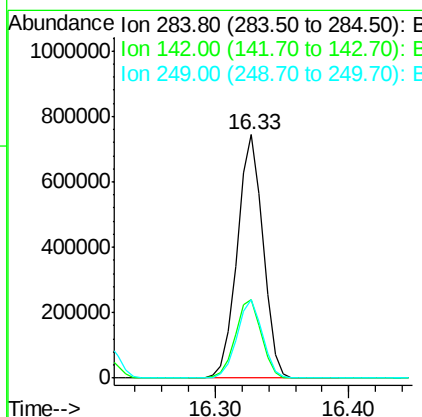
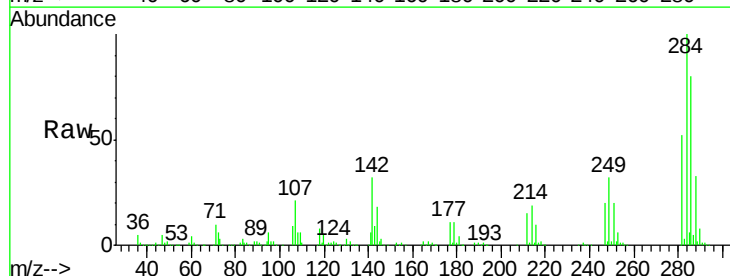
Instrument :
 BNA_M
 ClientSampleId :

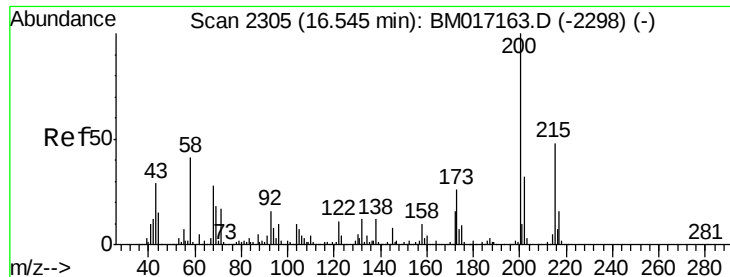
Tot Ion:248 Resp: 889510
 Ion Ratio Lower Upper
 248 100
 250 99.9 75.1 112.7
 141 71.4 55.6 83.4



#68
 Hexachlorobenzene
 Concen: 48.22 ng
 RT: 16.33 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion:284 Resp: 990776
 Ion Ratio Lower Upper
 284 100
 142 32.1 25.0 37.6
 249 32.1 25.5 38.3





#69

Atrazine

Concen: 56.08 ng

RT: 16.51 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampled :

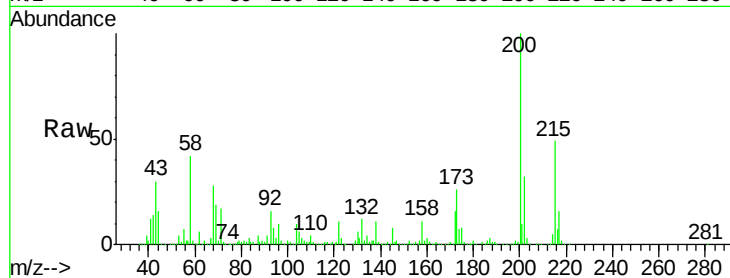
Tot Ion:200 Resp: 978234

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

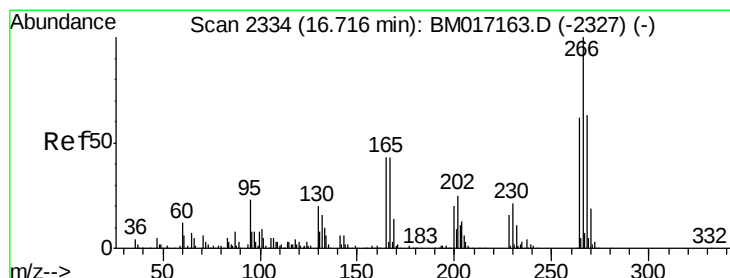
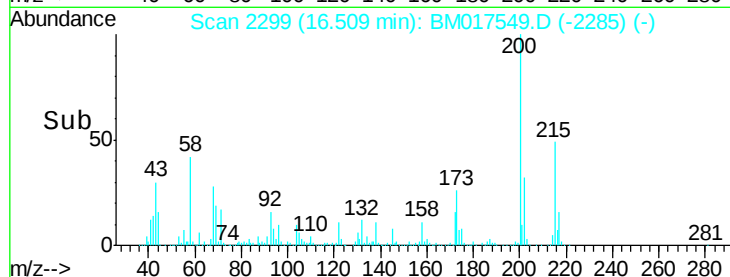
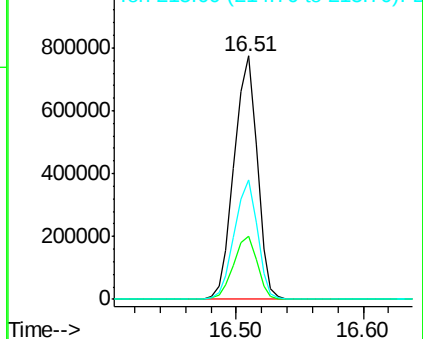
215 49.0 27.3 67.3



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: 92.00 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

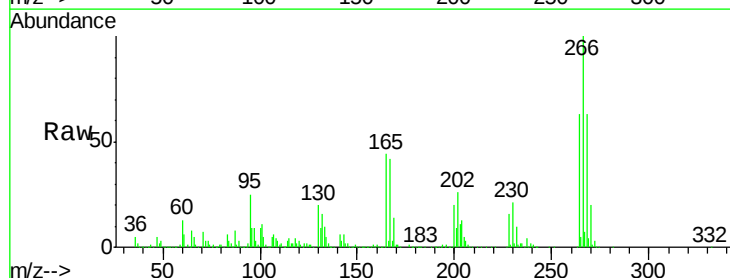
Tgt Ion:266 Resp: 1294901

Ion Ratio Lower Upper

266 100

268 63.3 50.7 76.1

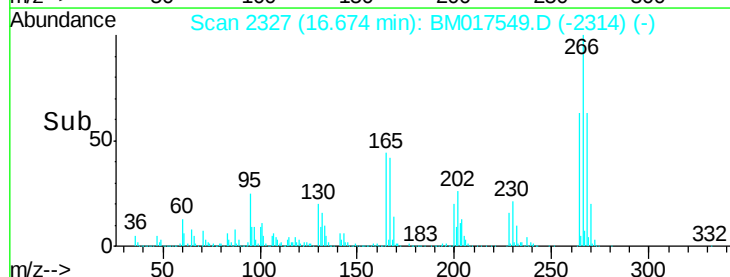
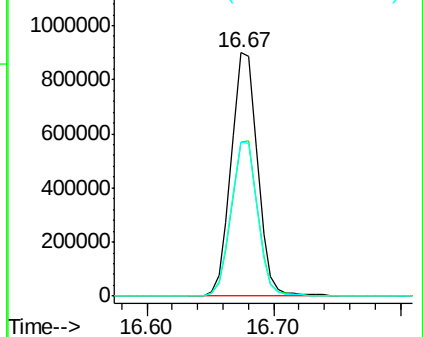
264 63.4 50.4 75.6

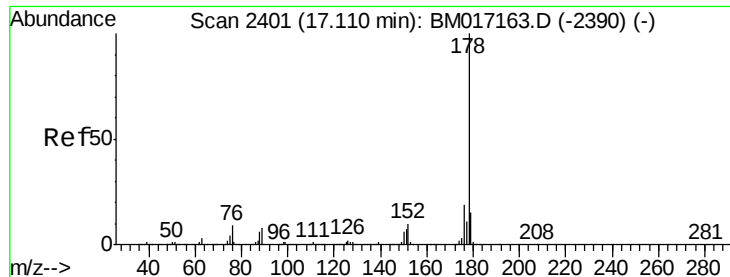


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 51.80 ng

RT: 17.07 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

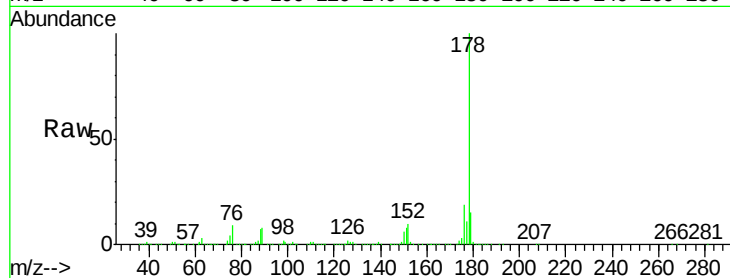
Tot Ion:178 Resp: 4502270

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

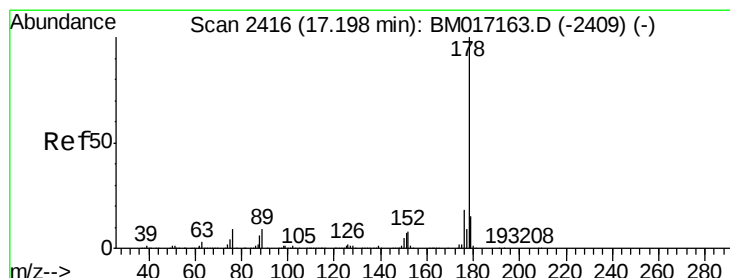
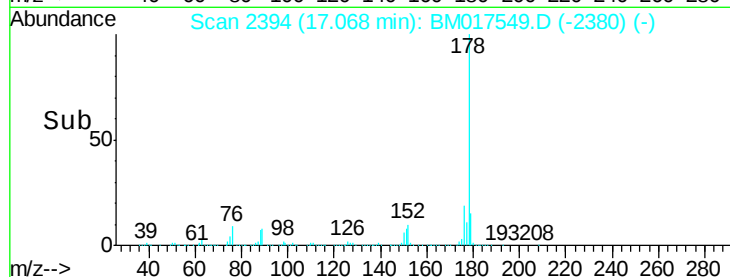
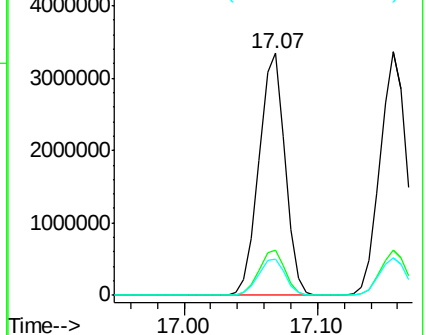
179 15.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.96 ng

RT: 17.16 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

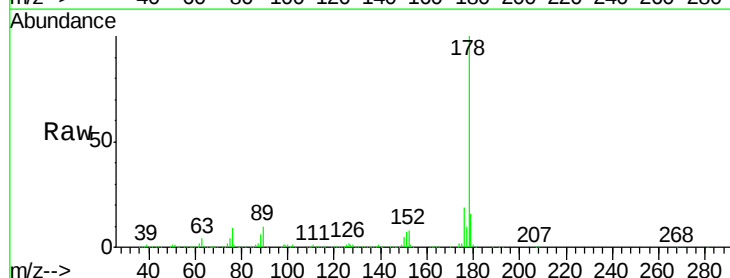
Tgt Ion:178 Resp: 4620831

Ion Ratio Lower Upper

178 100

176 18.7 14.5 21.7

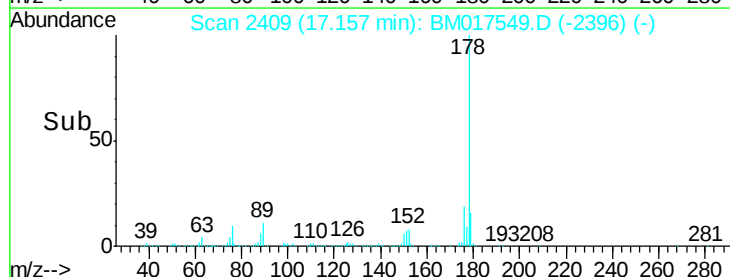
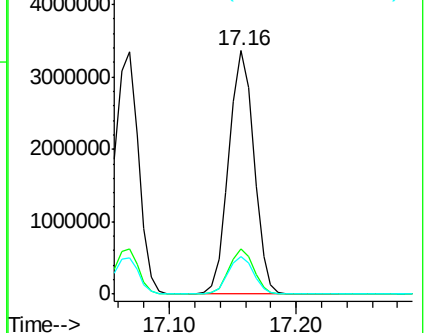
179 15.5 12.2 18.2

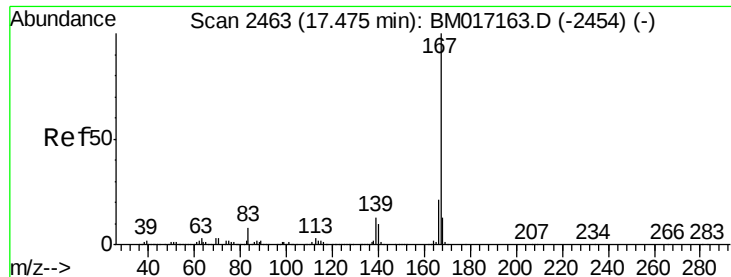


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



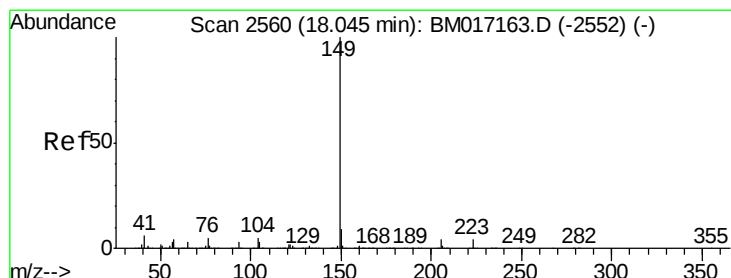
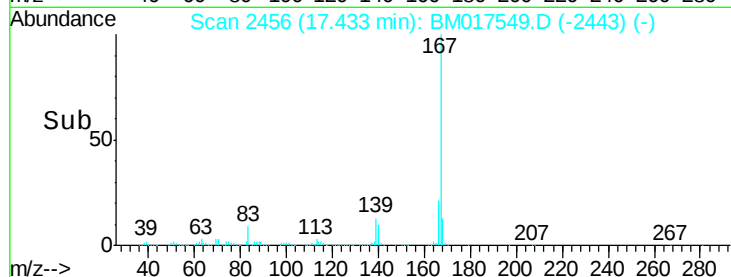
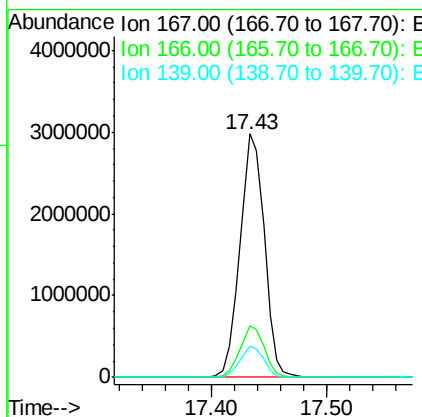
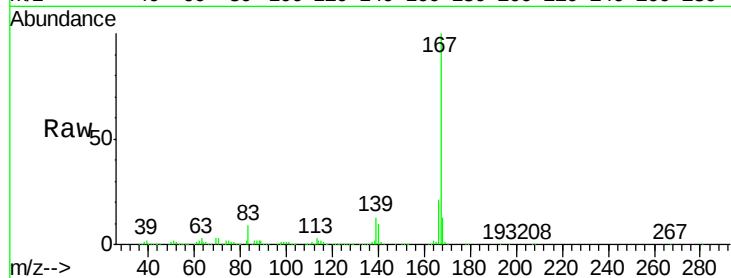


#73
 Carbazole
 Concen: 51.75 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 4365046

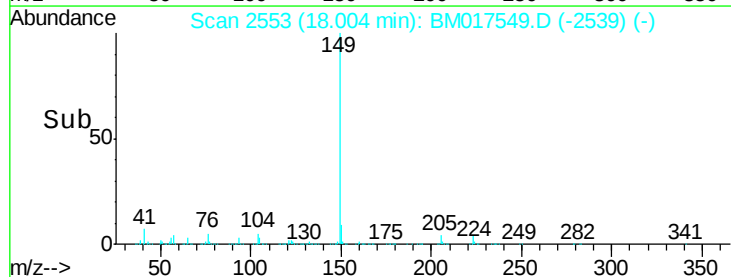
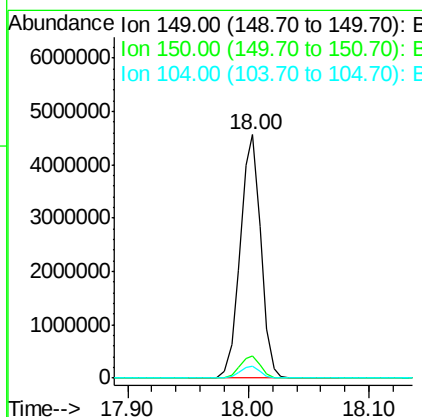
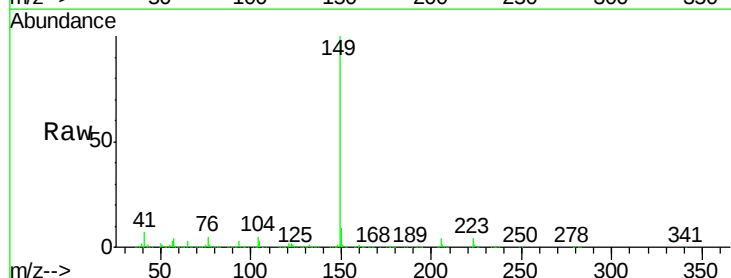
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	12.9	10.1	15.1

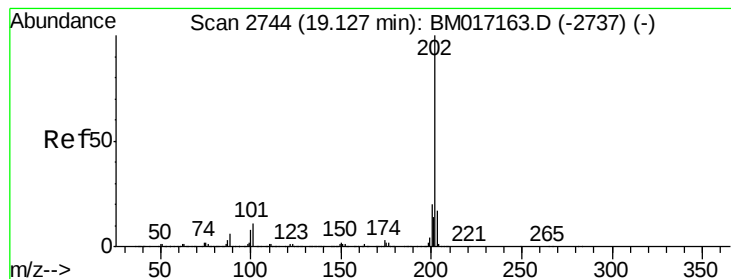


#74
 Di-n-butylphthalate
 Concen: 60.96 ng
 RT: 18.00 min Scan# 2553
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion:149 Resp: 5423659

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.9	4.3	6.5





#75

Fluoranthene

Concen: 57.45 ng

RT: 19.09 min Scan# 2738

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

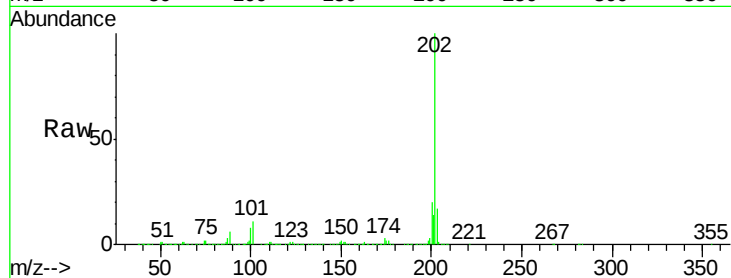
Tot Ion:202 Resp: 5618733

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.0

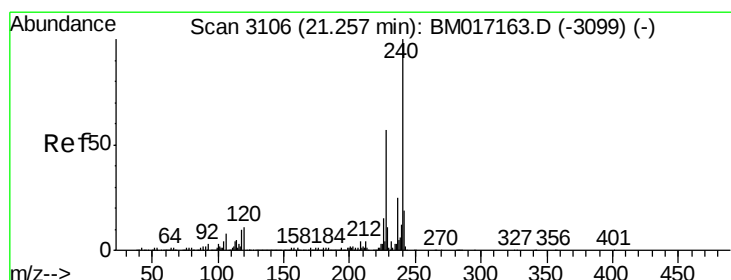
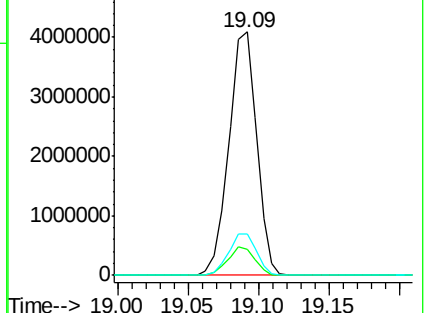
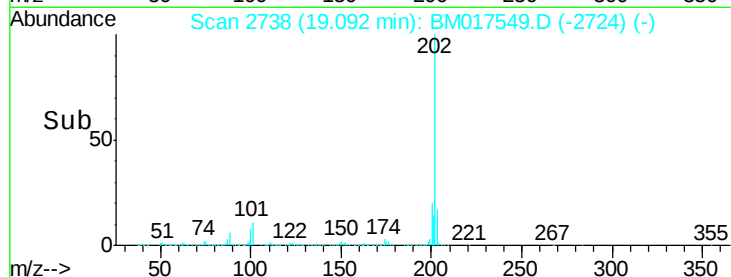
203 17.2 0.0 37.2



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: 20.00 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

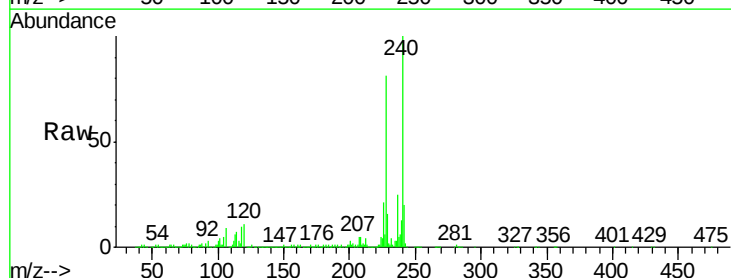
Tgt Ion:240 Resp: 2022937

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

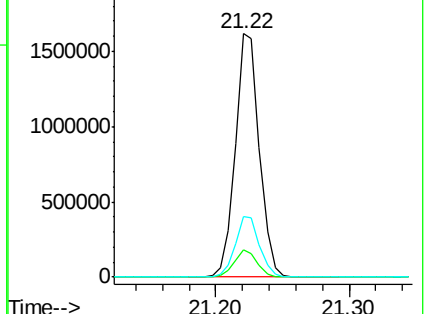
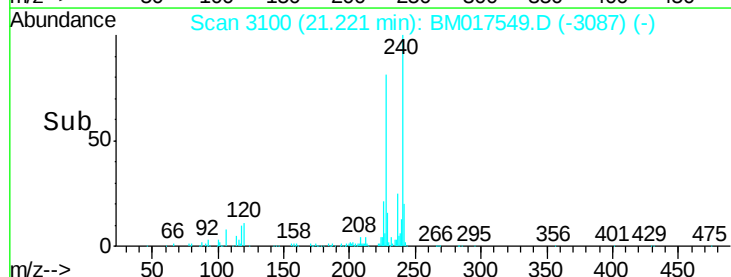
236 25.1 19.9 29.9

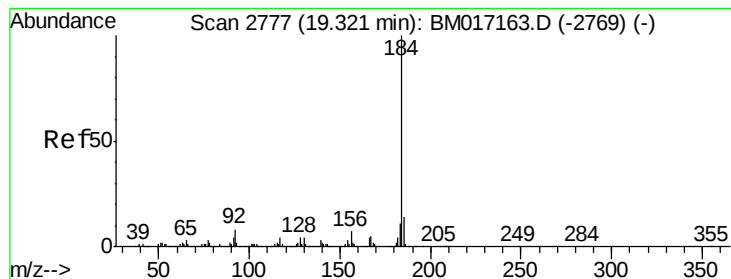


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.96 ng

RT: 19.29 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

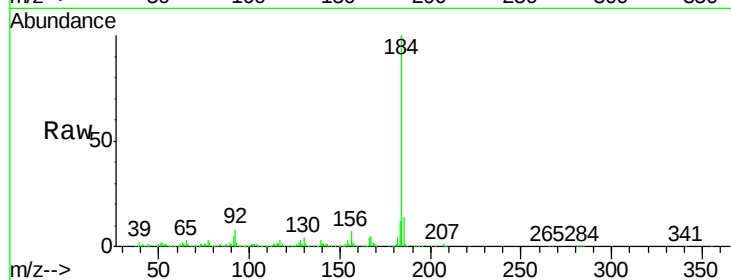
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1126304

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.8
183	11.7	9.7	14.5

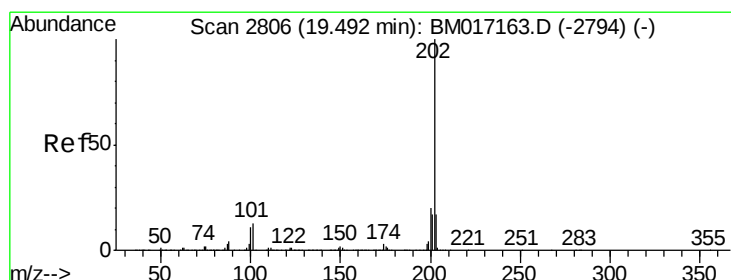
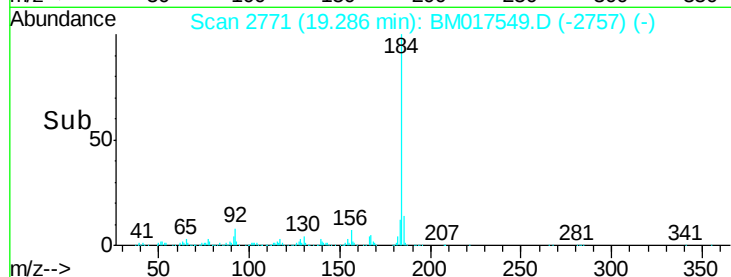
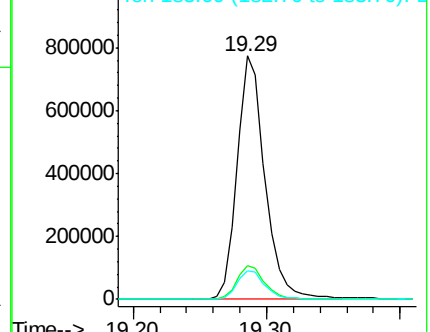


Abundance

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: 50.71 ng

RT: 19.45 min Scan# 2799

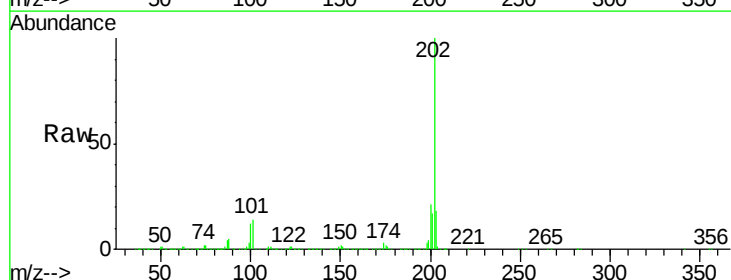
Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Tgt Ion:202 Resp: 5733558

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	17.7	13.9	20.9

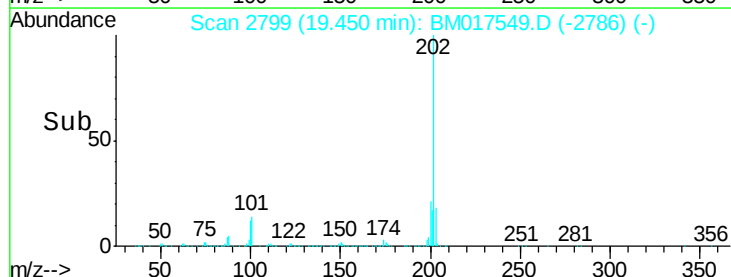
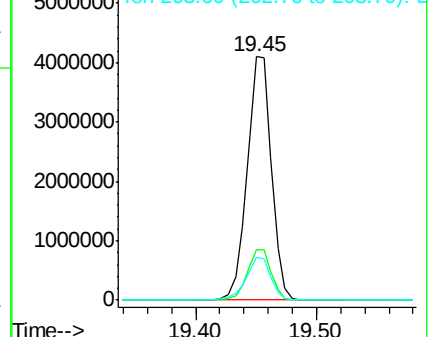


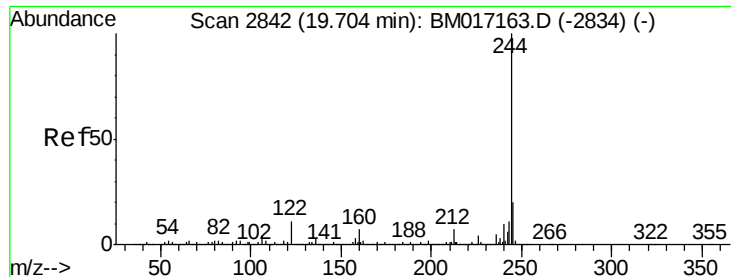
Abundance

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: 82.71 ng

RT: 19.67 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Instrument :

BNA_M

ClientSampleId :

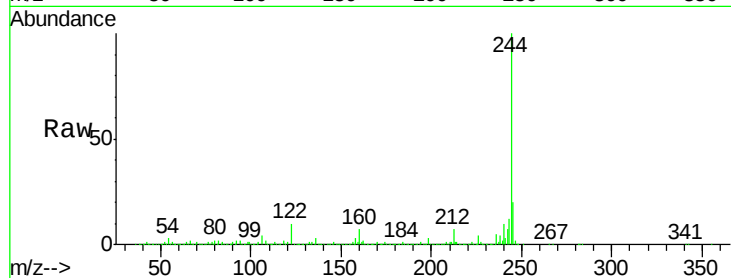
Tot Ion:244 Resp: 7423075

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

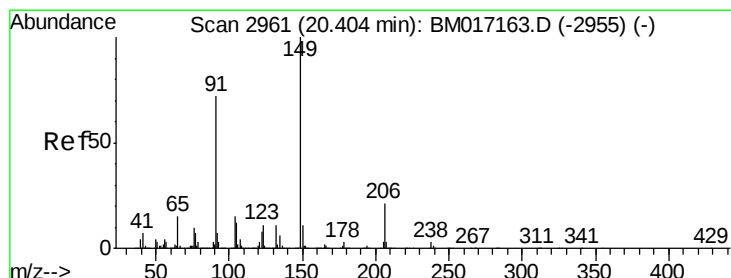
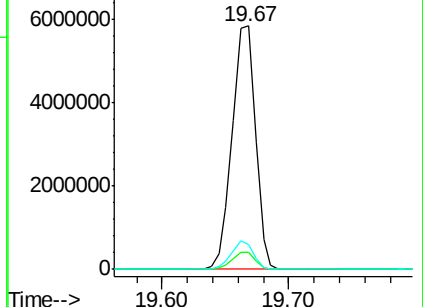
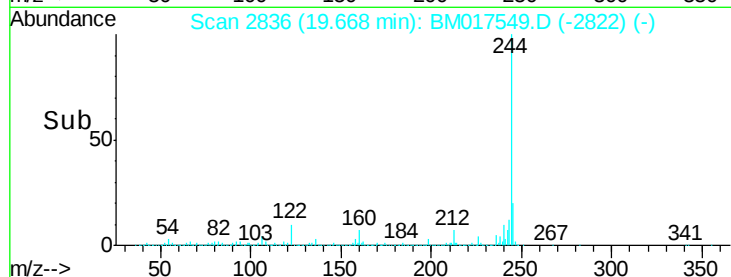
122 10.3 8.4 12.6



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: 60.78 ng

RT: 20.37 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

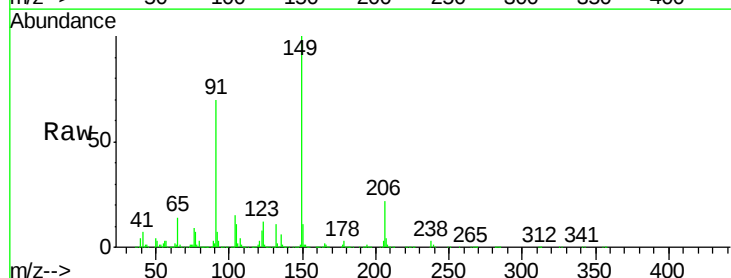
Tgt Ion:149 Resp: 2711679

Ion Ratio Lower Upper

149 100

91 70.4 51.3 76.9

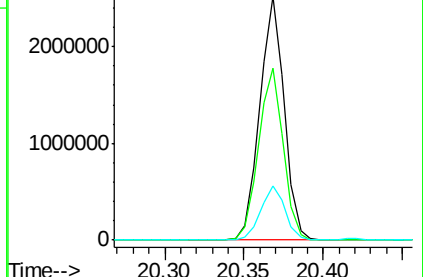
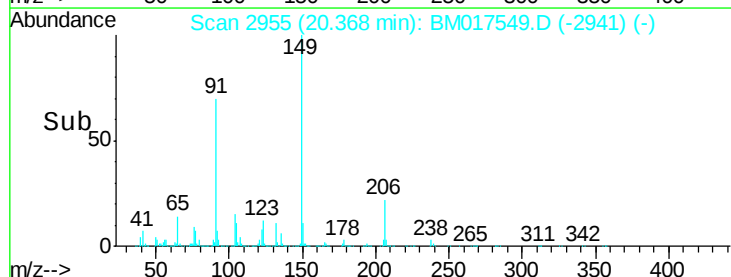
206 22.3 18.0 27.0

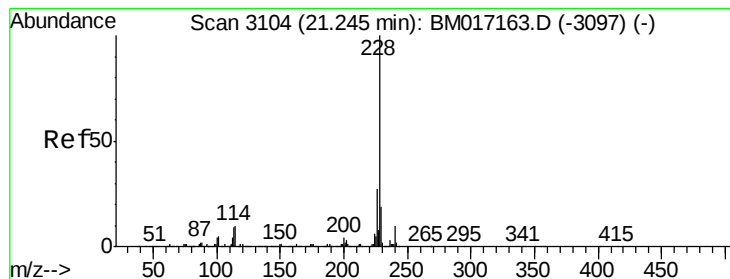


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.38 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

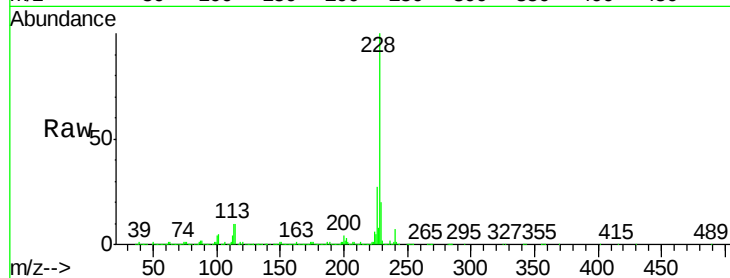
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 6077245

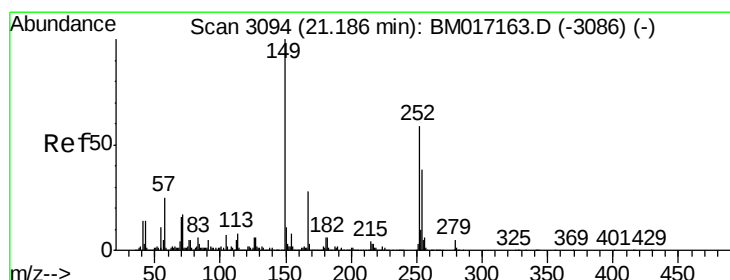
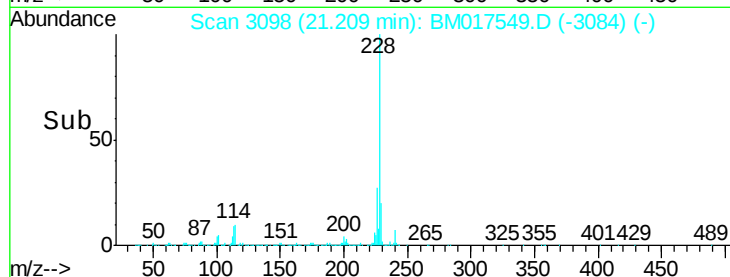
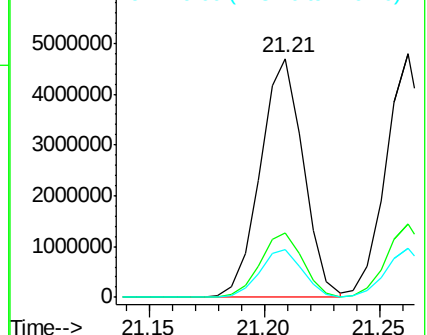
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.0
229	20.1	15.9	23.9



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: 21.21 ng

RT: 21.14 min Scan# 3087

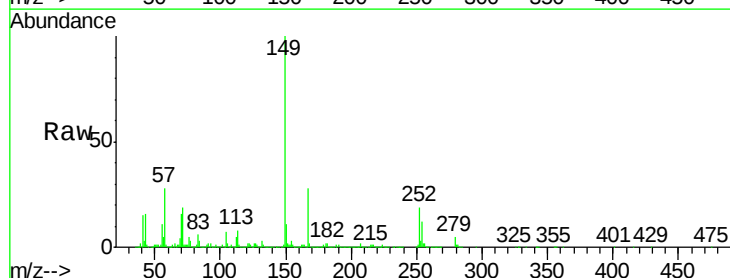
Delta R.T. -0.02 min

Lab File: BM017549.D

Acq: 07 Nov 2018 04:28

Tgt Ion:252 Resp: 899829

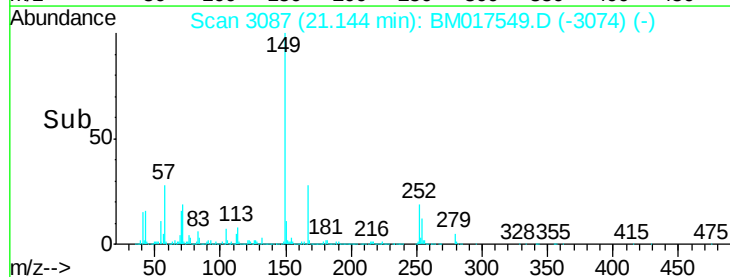
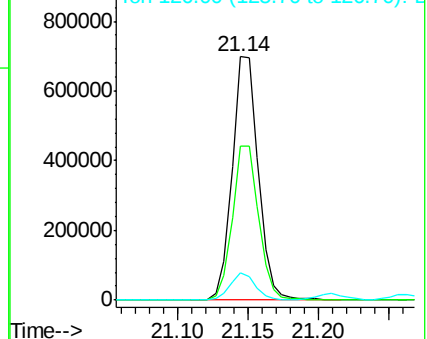
Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.1	78.1
126	11.1	8.6	12.8

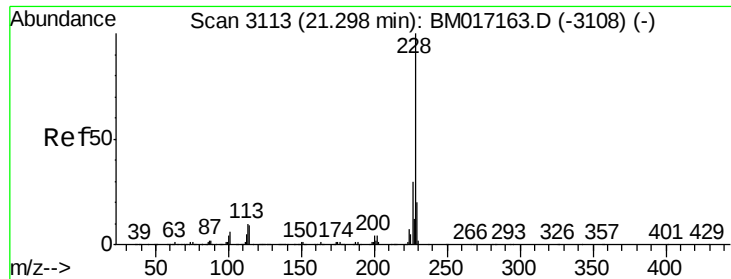


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

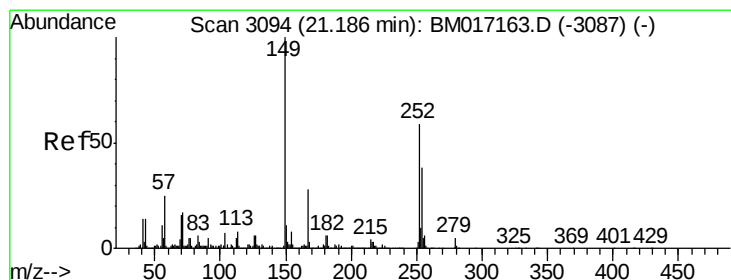
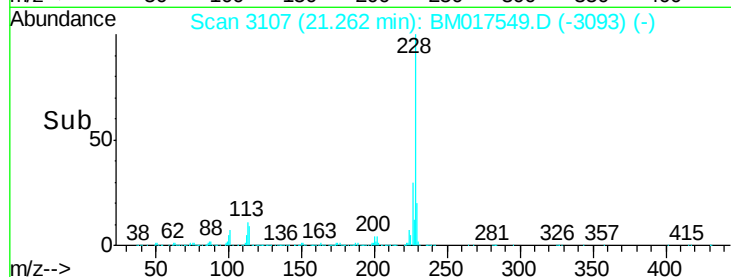
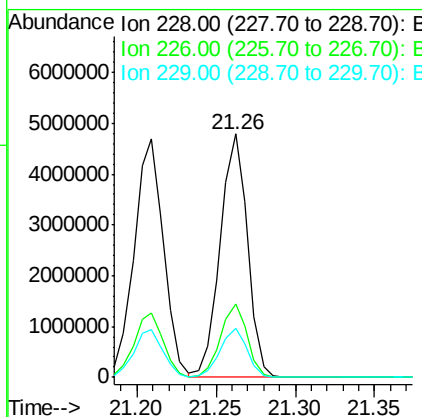
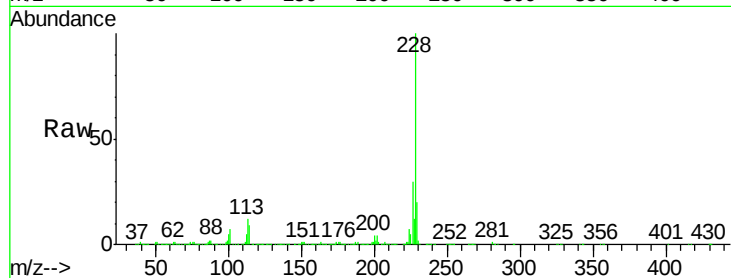




#83
 Chrysene
 Concen: 50.72 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

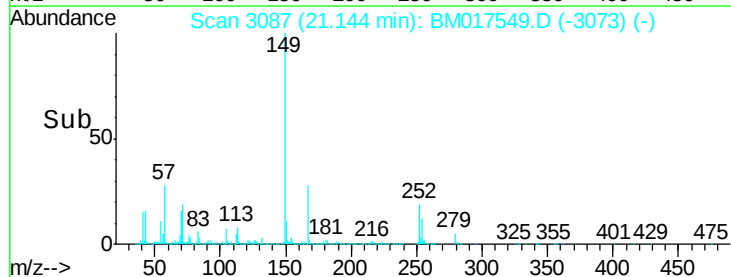
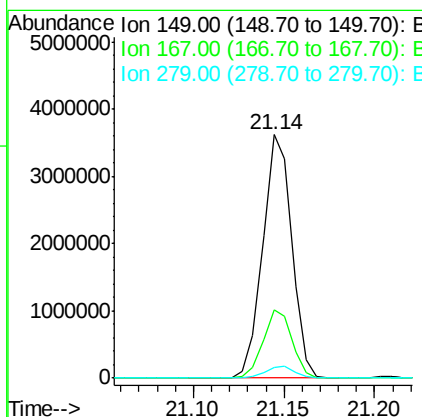
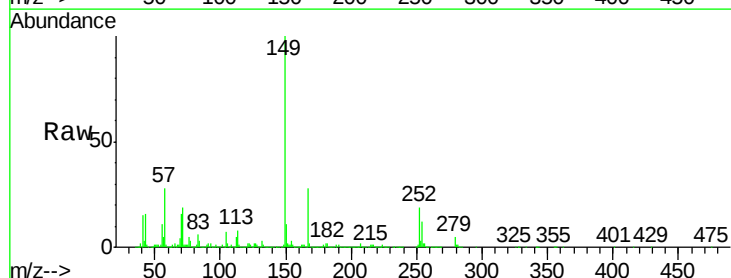
Instrument :
 BNA_M
 ClientSampled :

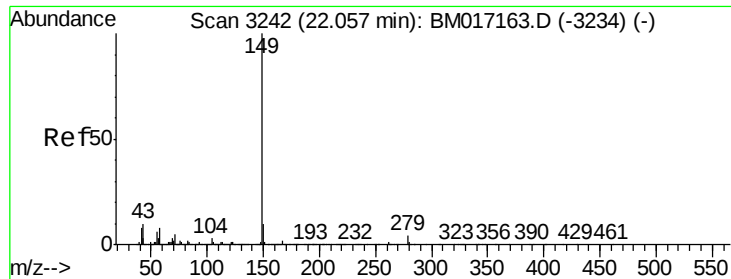
Tot Ion:228 Resp: 5714572
 Ion Ratio Lower Upper
 228 100
 226 30.1 23.3 34.9
 229 19.9 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 59.71 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM017549.D
 Acq: 07 Nov 2018 04:28

Tgt Ion:149 Resp: 4026448
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.2 33.4
 279 4.5 3.6 5.4

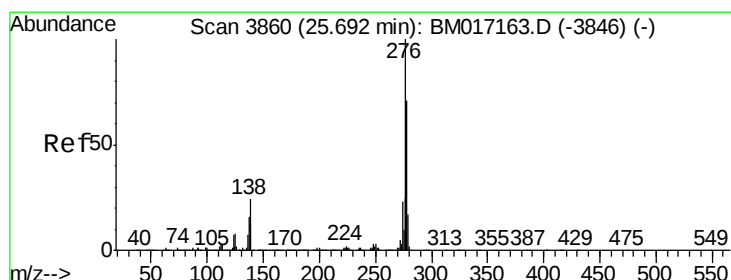
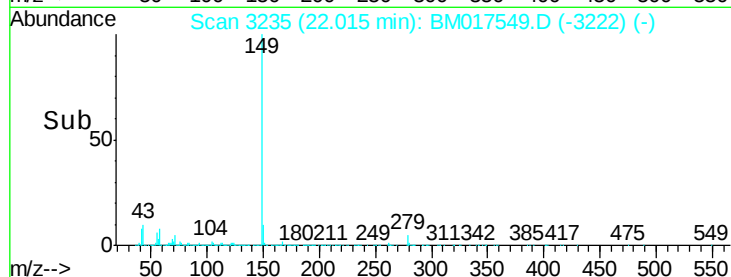
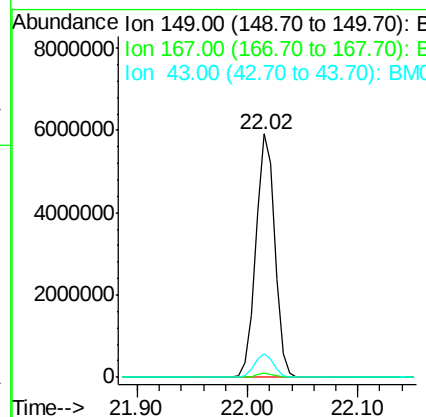
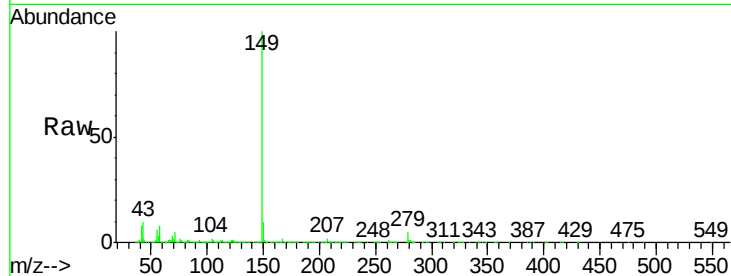




#85
Di-n-octyl phthalate
Concen: 61.77 ng
RT: 22.02 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

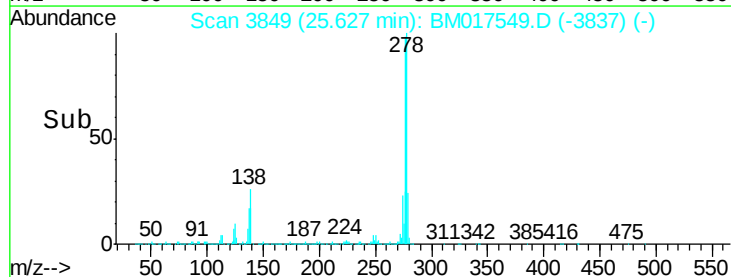
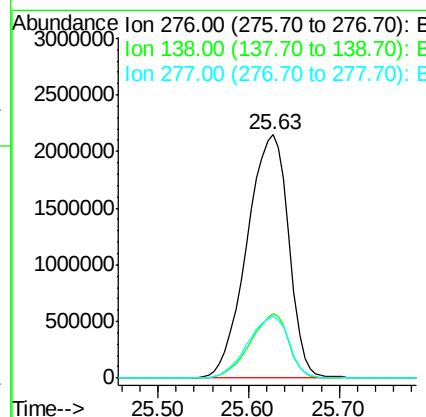
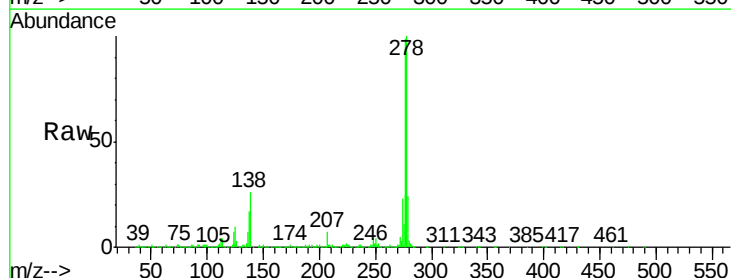
Instrument :
BNA_M
ClientSampleId :

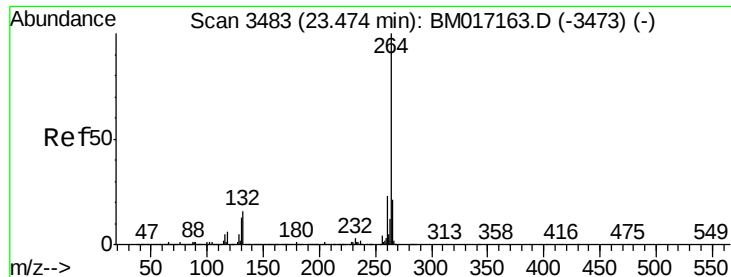
Tot Ion:149 Resp: 7089537
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.8 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 54.49 ng
RT: 25.63 min Scan# 3849
Delta R.T. -0.03 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:276 Resp: 6867373
Ion Ratio Lower Upper
276 100
138 24.6 19.5 29.3
277 25.1 20.1 30.1



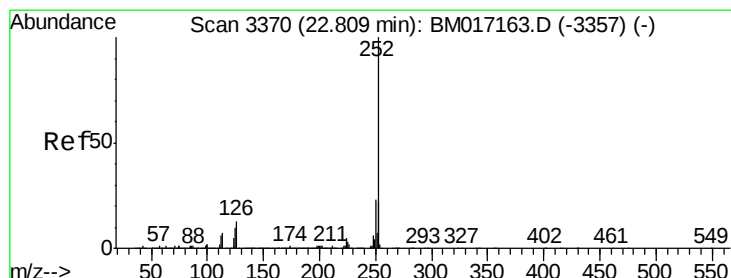
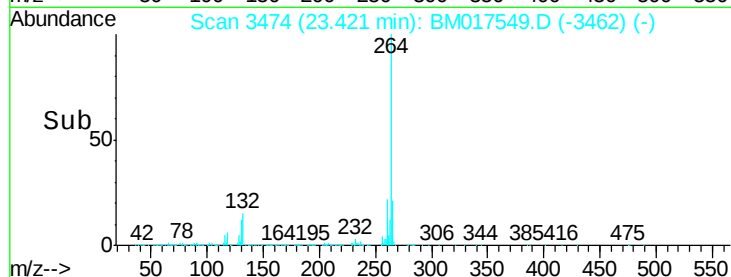
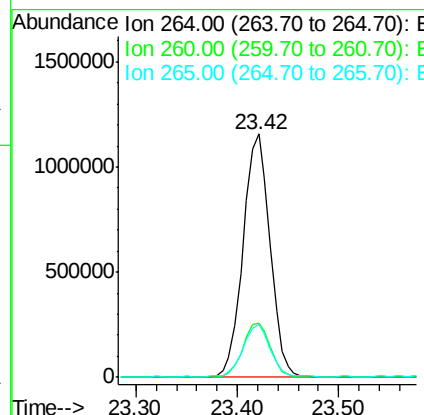
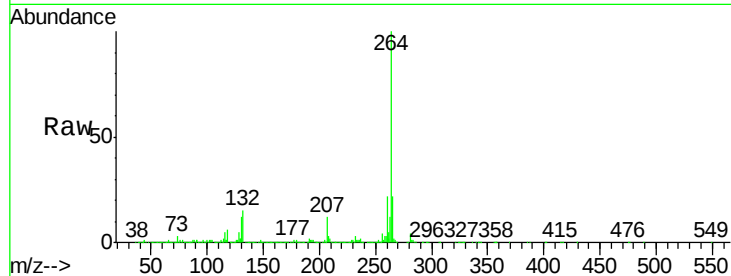


#87
Pervlene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3474
Delta R.T. -0.03 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 2139452

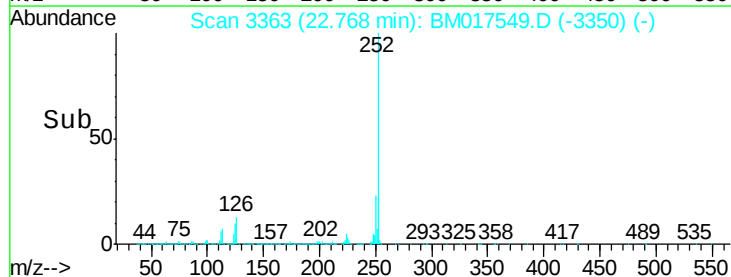
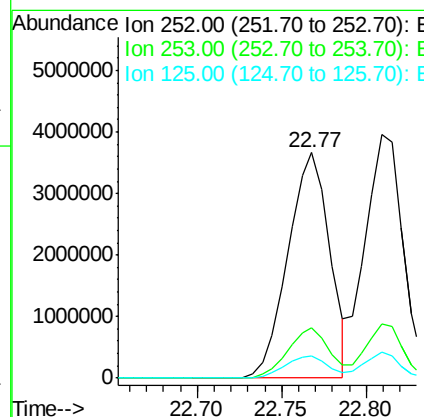
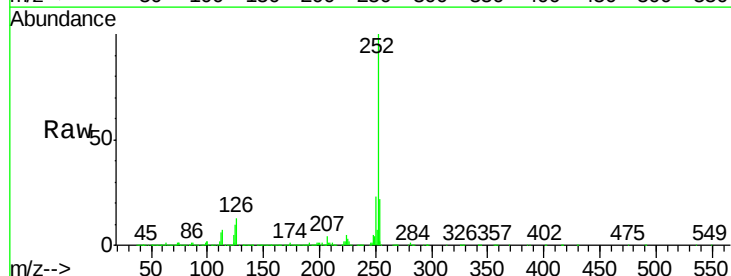
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	21.8	17.8	26.8

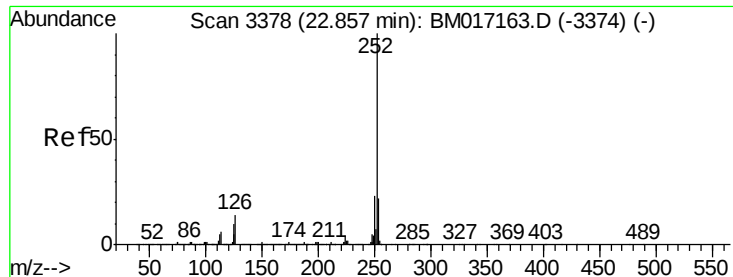


#88
Benzo(b)fluoranthene
Concen: 53.62 ng
RT: 22.77 min Scan# 3363
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:252 Resp: 6272502

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	10.0	7.5	11.3

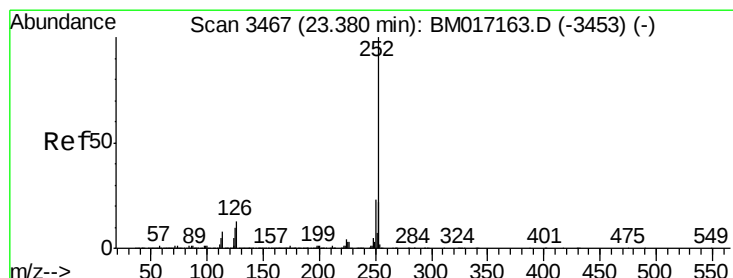
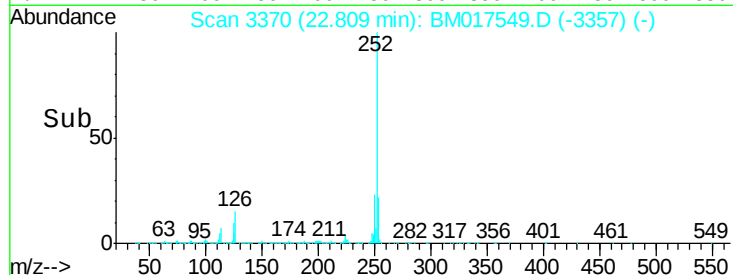
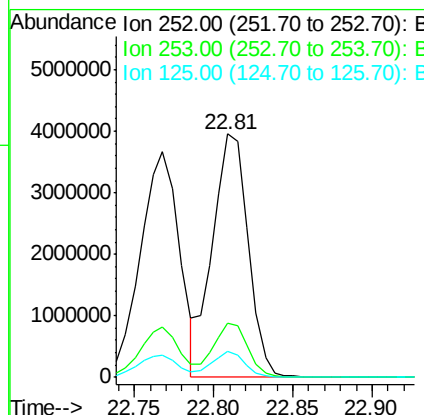
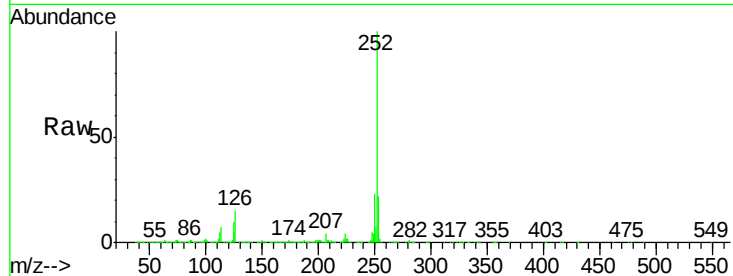




#89
Benzo(k)fluoranthene
Concen: 52.63 ng
RT: 22.81 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

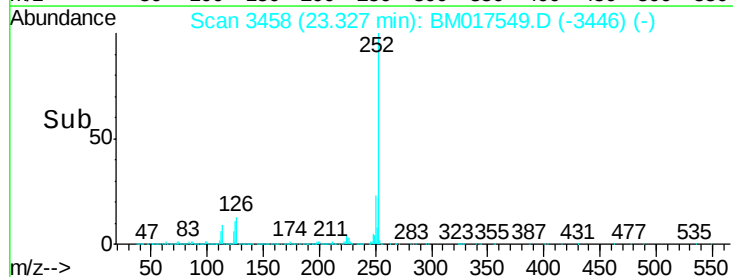
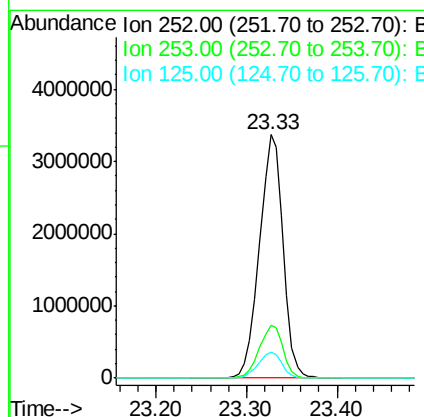
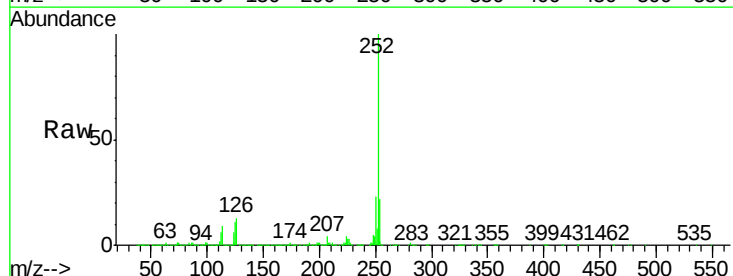
Instrument :
BNA_M
ClientSampleId :

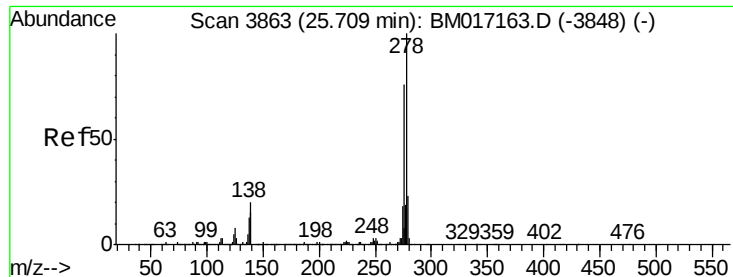
Tot Ion:252 Resp: 6177083
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.5 8.2 12.2



#90
Benzo(a)pyrene
Concen: 54.70 ng
RT: 23.33 min Scan# 3458
Delta R.T. -0.03 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:252 Resp: 6074998
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.8 8.6 13.0



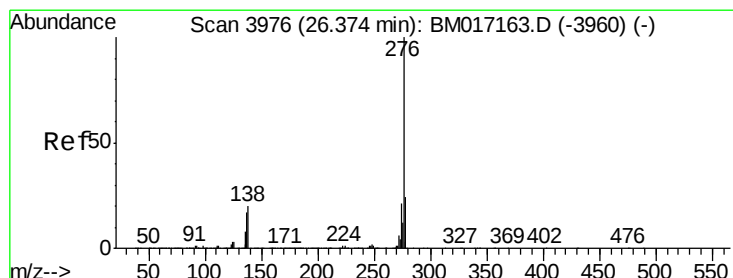
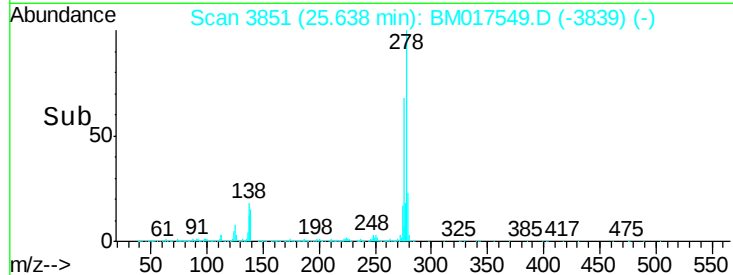
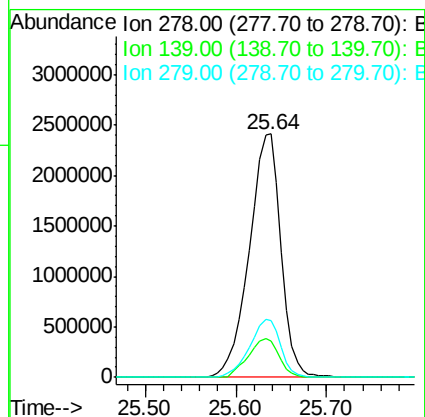
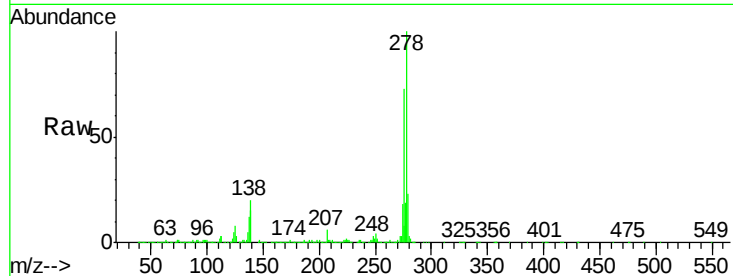


#91
Dibenzo(a,h)anthracene
Concen: 52.92 ng
RT: 25.64 min Scan# 3851
Delta R.T. -0.03 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 5836102

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.7	19.1
279	23.5	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 51.99 ng
RT: 26.29 min Scan# 3962
Delta R.T. -0.04 min
Lab File: BM017549.D
Acq: 07 Nov 2018 04:28

Tgt Ion:276 Resp: 5682142

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	20.1	16.4	24.6

