

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018556.D
 Acq On : 14 Jan 2019 17:59
 Operator : JU/SJ
 Sample : K1131-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 14 23:29:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	249478	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1037328	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	630056	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1465832	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1657860	20.00	ng	0.00
87) Perylene-d12	23.63	264	1764857	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	2584620	191.30	ng	0.00
7) Phenol-d6	6.93	99	3511523	204.63	ng	0.00
23) Nitrobenzene-d5	8.92	82	2084368	116.48	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1653203	206.07	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	5500323	113.91	ng	0.00
79) Terphenyl-d14	19.79	244	8993719	114.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	158092	28.709	ng	97
3) Pyridine	3.68	79	458923	33.427	ng	97
4) n-Nitrosodimethylamine	3.60	42	264737	46.632	ng	# 94
6) Aniline	7.09	93	284309	14.852	ng	100
8) 2-Chlorophenol	7.32	128	723310	45.838	ng	96
9) Benzaldehyde	6.91	77	194911	16.867	ng	97
10) Phenol	6.96	94	891243	51.110	ng	99
11) bis(2-Chloroethyl)ether	7.19	93	573375	41.847	ng	95
12) 1,3-Dichlorobenzene	7.64	146	722410	38.442	ng	100
13) 1,4-Dichlorobenzene	7.79	146	747944	39.269	ng	99
14) 1,2-Dichlorobenzene	8.10	146	722245	39.990	ng	99
15) Benzyl Alcohol	8.00	79	601255	48.510	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	707910	40.428	ng	93
17) 2-Methylphenol	8.20	107	591900	50.005	ng	99
18) Hexachloroethane	8.82	117	267456	39.383	ng	95
19) n-Nitroso-di-n-propylamine	8.56	70	484605	43.394	ng	93
20) 3+4-Methylphenols	8.53	107	812950	49.751	ng	99
22) Acetophenone	8.58	105	992220	38.667	ng	98
24) Nitrobenzene	8.96	77	720051	40.897	ng	96
25) Isophorone	9.48	82	1352003	49.896	ng	99
26) 2-Nitrophenol	9.67	139	408100	47.937	ng	96
27) 2,4-Dimethylphenol	9.72	122	662548	51.922	ng	98
28) bis(2-Chloroethoxy)methane	9.96	93	819123	43.760	ng	100
29) 2,4-Dichlorophenol	10.20	162	734844	48.362	ng	98
30) 1,2,4-Trichlorobenzene	10.40	180	744055	39.452	ng	99
31) Naphthalene	10.60	128	2204377	44.125	ng	99
33) 4-Chloroaniline	10.72	127	175613	8.926	ng	97
34) Hexachlorobutadiene	10.86	225	445482	37.389	ng	99
35) Caprolactam	11.53	113	215088	41.635	ng	90
36) 4-Chloro-3-methylphenol	11.85	107	785722	49.289	ng	99
37) 2-Methylnaphthalene	12.21	142	1671403	47.352	ng	99
38) 1-Methylnaphthalene	12.43	142	1594221	46.679	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	869819	39.478	ng	99
41) Hexachlorocyclopentadiene	12.55	237	935162	77.336	ng	99

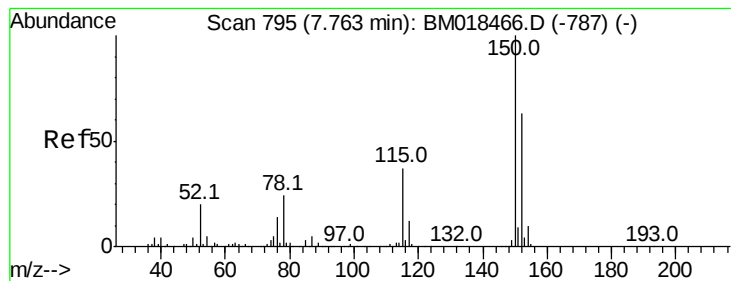
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
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 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.83	196	618477	46.225	ng	98
44) 2,4,5-Trichlorophenol	12.90	196	674329	47.922	ng	98
46) 1,1'-Biphenyl	13.23	154	2165603	39.365	ng	99
47) 2-Chloronaphthalene	13.27	162	1682595	39.441	ng	99
48) 2-Nitroaniline	13.49	65	478120	45.555	ng	93
49) Acenaphthylene	14.13	152	2782297	44.753	ng	99
50) Dimethylphthalate	13.87	163	3691612	71.343	ng	99
51) 2,6-Dinitrotoluene	13.99	165	490717	44.770	ng	94
52) Acenaphthene	14.47	154	1594348	41.913	ng	98
53) 3-Nitroaniline	14.33	138	238819	21.612	ng	94
54) 2,4-Dinitrophenol	14.53	184	419916	71.600	ng	94
55) Dibenzofuran	14.80	168	2600598	41.377	ng	99
56) 4-Nitrophenol	14.65	139	922338	96.618	ng	94
57) 2,4-Dinitrotoluene	14.78	165	705643	45.501	ng	99
58) Fluorene	15.46	166	2128748	45.466	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	616915	49.461	ng	96
60) Diethylphthalate	15.23	149	2301772	44.064	ng	99
61) 4-Chlorophenyl-phenylether	15.45	204	1081755	40.088	ng	97
62) 4-Nitroaniline	15.50	138	503432	41.768	ng	97
63) Azobenzene	15.75	77	1806780	42.423	ng	96
65) 4,6-Dinitro-2-methylphenol	15.54	198	385529	42.020	ng	89
66) n-Nitrosodiphenylamine	15.67	169	1903169	41.856	ng	98
67) 4-Bromophenyl-phenylether	16.35	248	672775	41.014	ng	98
68) Hexachlorobenzene	16.45	284	748262	40.747	ng	95
69) Atrazine	16.62	200	726369	44.189	ng	99
70) Pentachlorophenol	16.80	266	960783	79.888	ng	98
71) Phenanthrene	17.20	178	3482800	44.670	ng	100
72) Anthracene	17.29	178	3535029	47.150	ng	100
73) Carbazole	17.56	167	3236586	42.019	ng	100
74) Di-n-butylphthalate	18.12	149	4005829	47.477	ng	99
75) Fluoranthene	19.22	202	4200122	46.725	ng	98
77) Benzidine	19.41	184	1760822	43.015	ng	100
78) Pyrene	19.58	202	4266886	43.420	ng	99
80) Butylbenzylphthalate	20.48	149	1965348	46.869	ng	99
81) Benzo(a)anthracene	21.33	228	4406915	45.122	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	878246	23.780	ng	99
83) Chrysene	21.39	228	4112181	43.602	ng	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2844585	46.978	ng	99
85) Di-n-octyl phthalate	22.14	149	5044377	49.532	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.96	276	5275233	48.507	ng	96
88) Benzo(b)fluoranthene	22.94	252	4502684	44.939	ng	99
89) Benzo(k)fluoranthene	22.99	252	4472813	44.296	ng	98
90) Benzo(a)pyrene	23.53	252	4428800	46.171	ng	98
91) Dibenzo(a,h)anthracene	25.97	278	4416204	45.437	ng	98
92) Benzo(g,h,i)perylene	26.67	276	4299689	45.460	ng	97

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

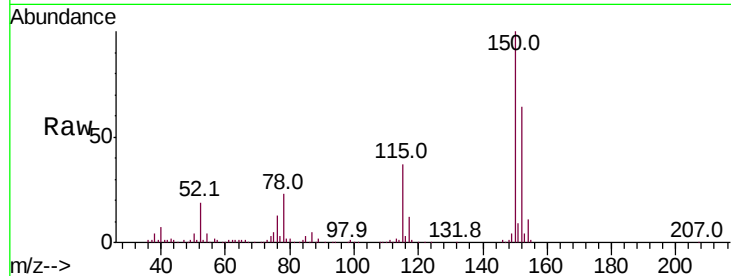


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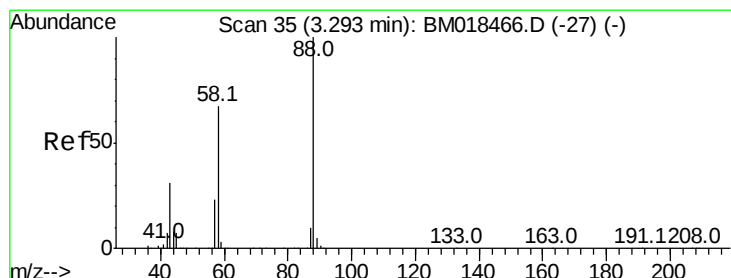
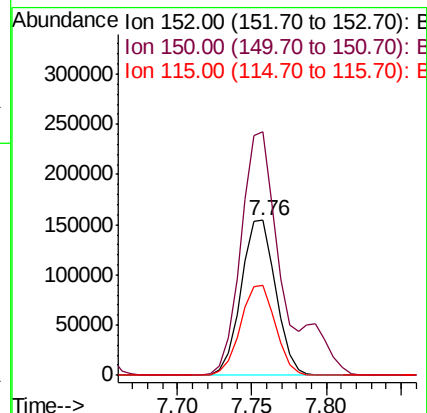
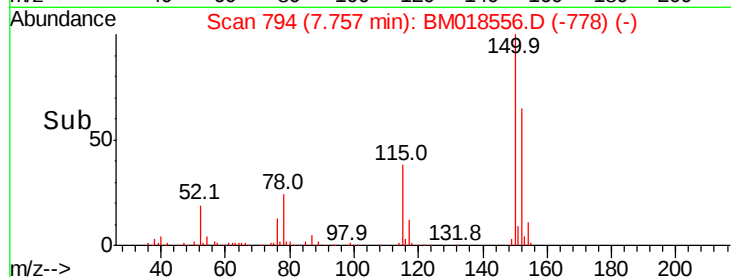
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 249478
Ion Ratio Lower Upper
152 100
150 157.1 126.9 190.3
115 58.1 45.5 68.3



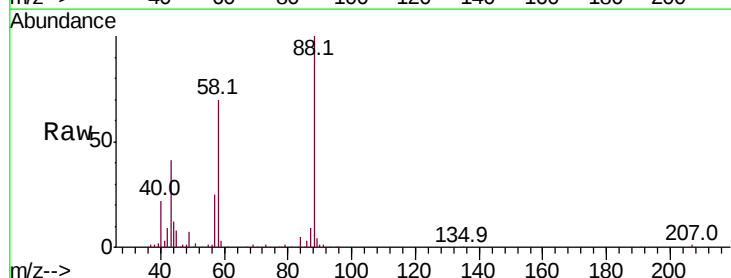
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



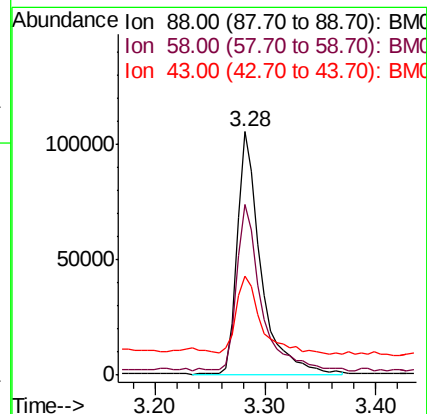
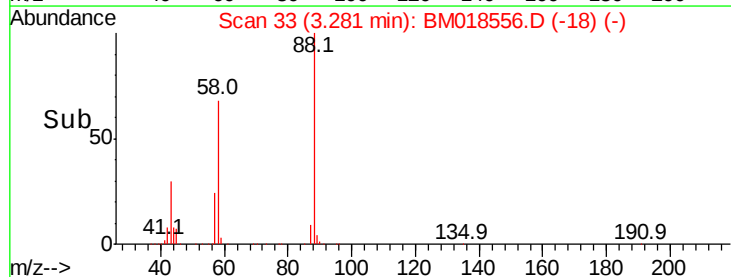
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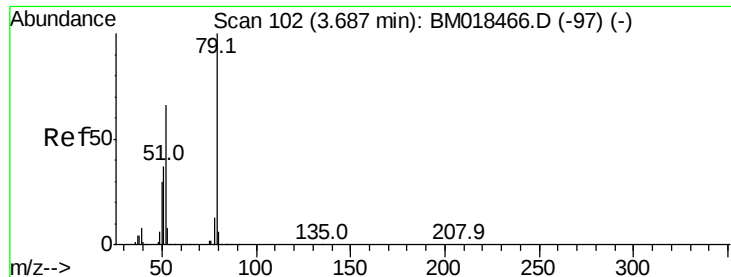
1,4-Dioxane
Concen: 28.709 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion: 88 Resp: 158092
Ion Ratio Lower Upper
88 100
58 69.9 58.4 87.6
43 34.3 26.2 39.4



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: 33.427 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.04 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

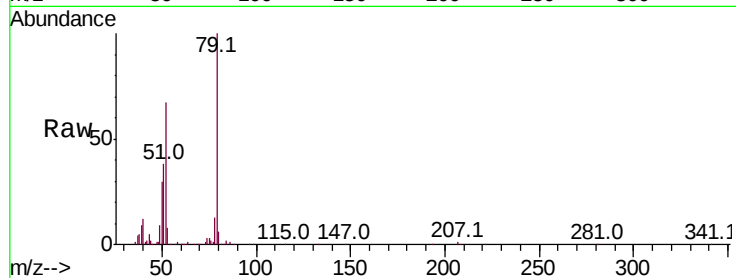
Tot Ion: 79 Resp: 458923

Ion Ratio Lower Upper

79 100

52 67.4 56.4 84.6

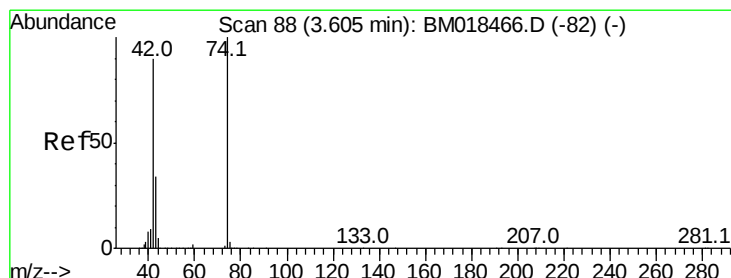
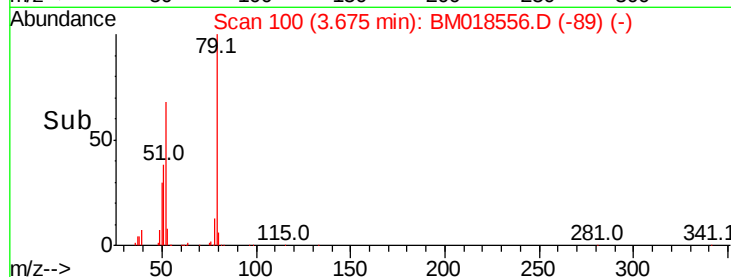
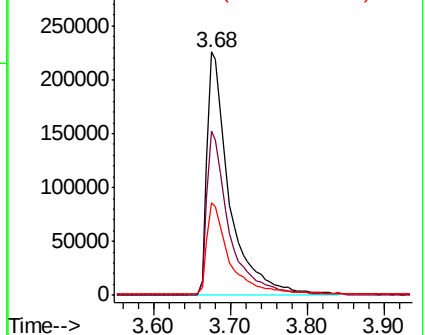
51 38.2 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 46.632 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.02 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

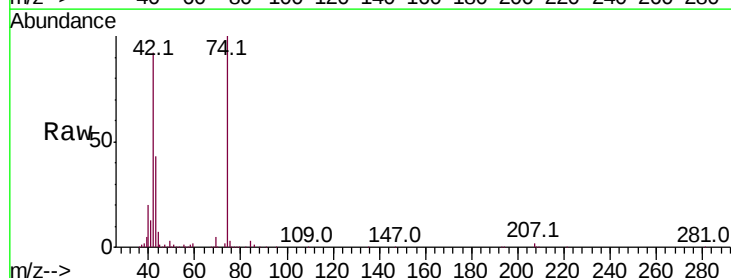
Tgt Ion: 42 Resp: 264737

Ion Ratio Lower Upper

42 100

74 108.5 88.6 132.8

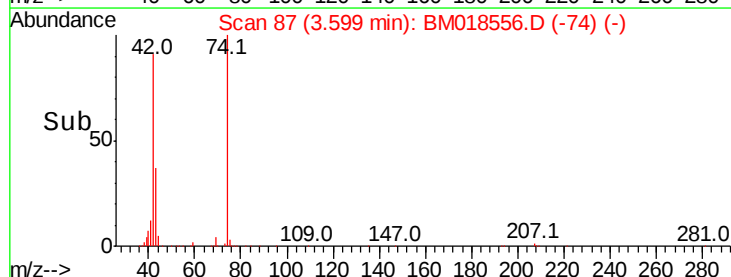
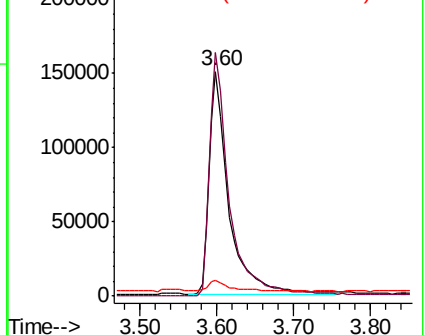
44 7.2 16.9 25.3#

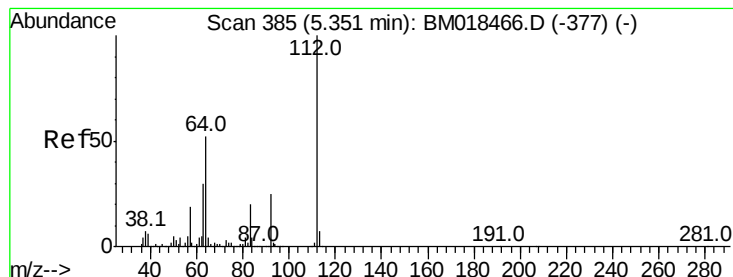


Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)





#5

2-Fluorophenol

Concen: 191.299 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

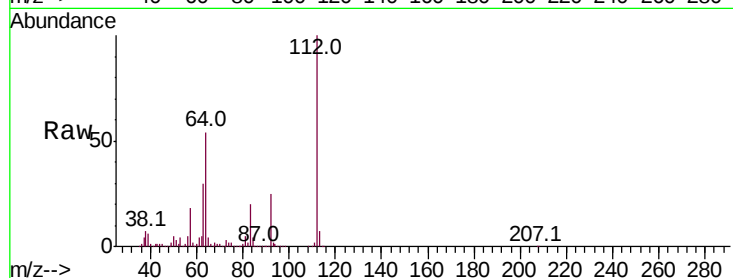
Instrument :

BNA_M

ClientSampleId :

Tot Ion:112 Resp: 2584620

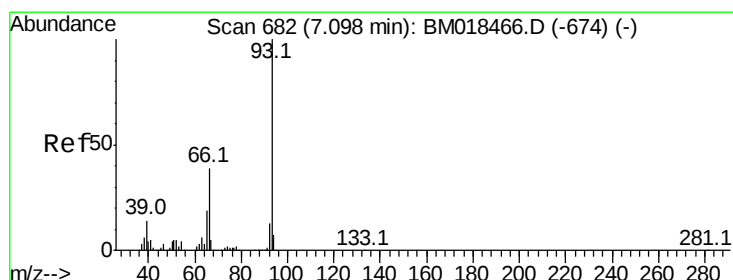
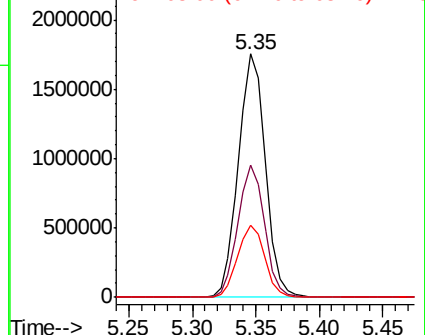
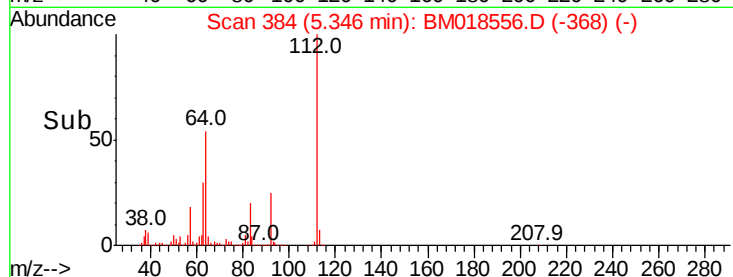
Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.5	69.7
63	29.8	25.2	37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 14.852 ng

RT: 7.09 min Scan# 681

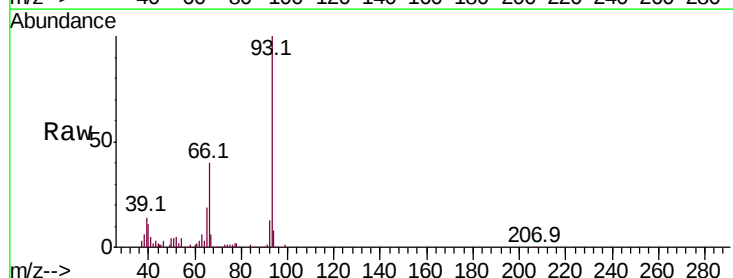
Delta R.T. -0.02 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tgt Ion: 93 Resp: 284309

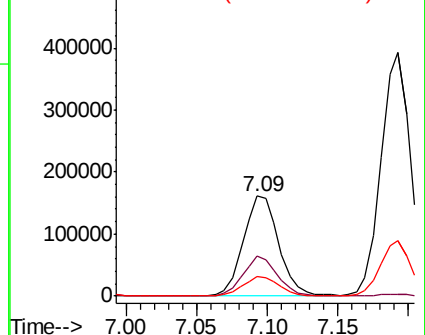
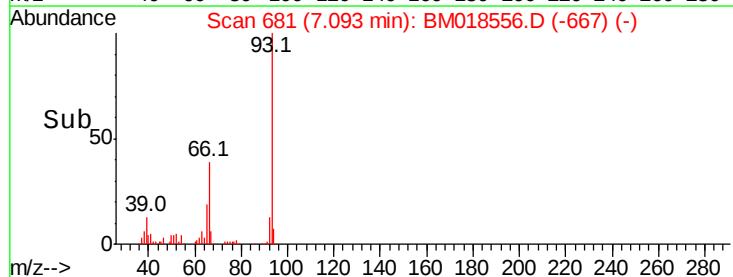
Ion	Ratio	Lower	Upper
93	100		
66	39.7	31.7	47.5
65	19.4	15.9	23.9

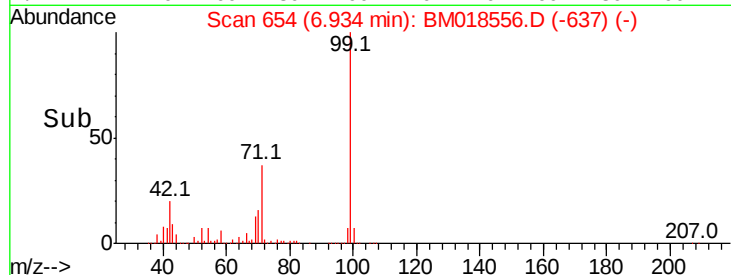
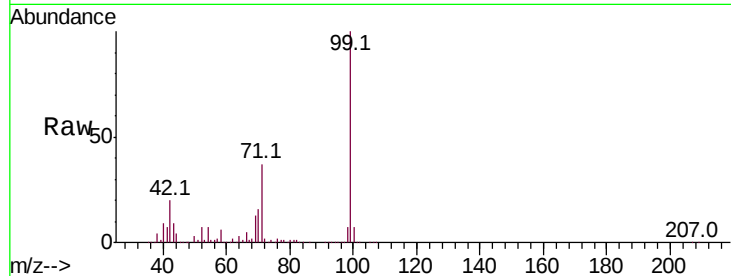
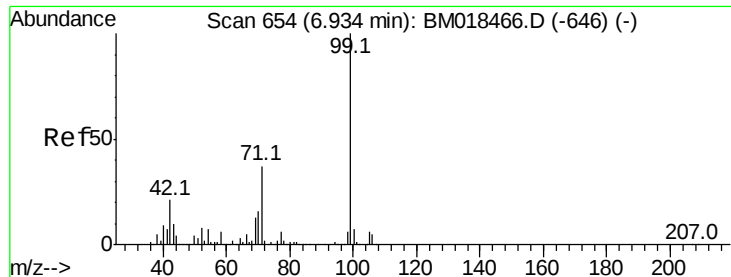


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 204.629 ng

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampled :

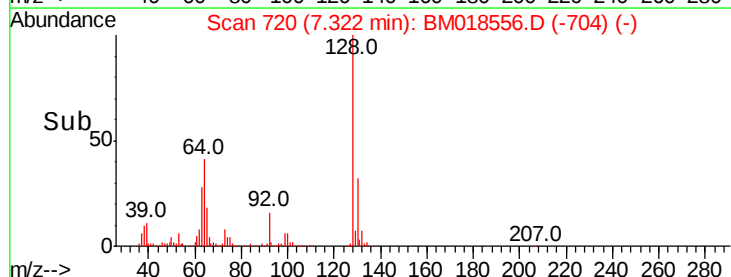
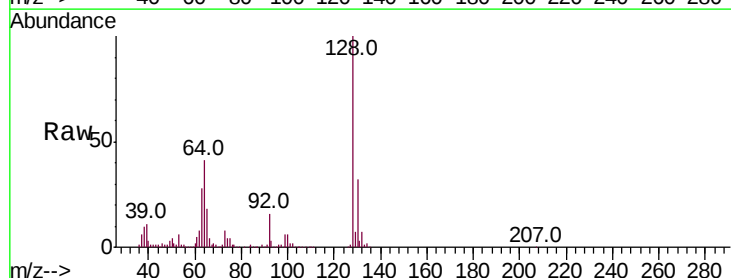
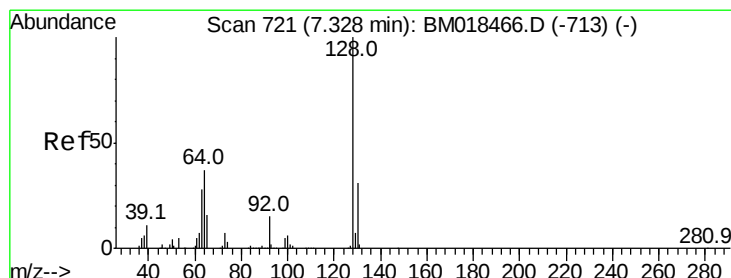
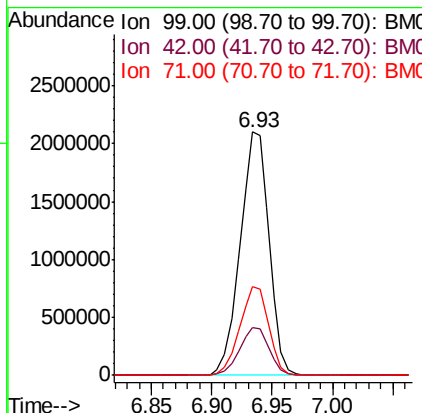
Tot Ion: 99 Resp: 3511523

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

71 36.7 28.0 42.0



#8

2-Chlorophenol

Concen: 45.838 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

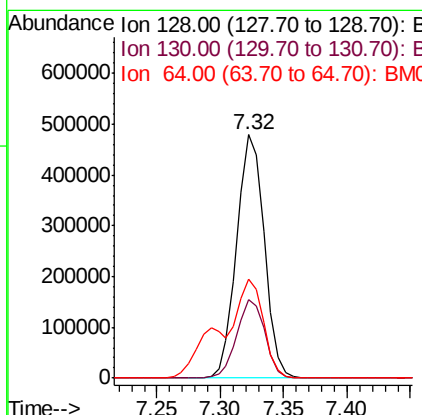
Tgt Ion: 128 Resp: 723310

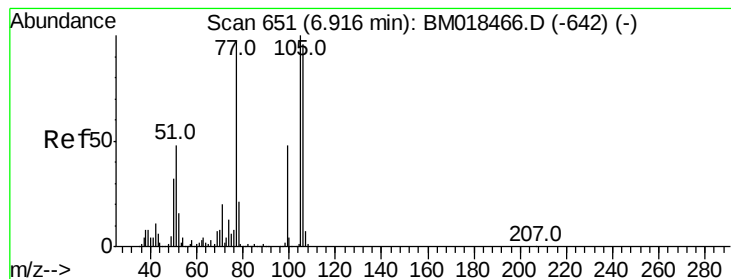
Ion Ratio Lower Upper

128 100

130 32.5 13.6 53.6

64 40.9 24.8 64.8





#9

Benzaldehyde

Concen: 16.867 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

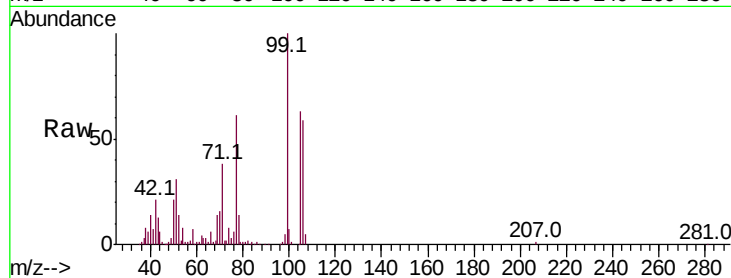
Tot Ion: 77 Resp: 194911

Ion Ratio Lower Upper

77 100

105 102.9 79.7 119.7

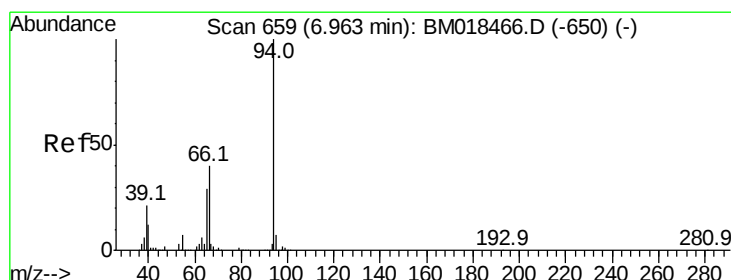
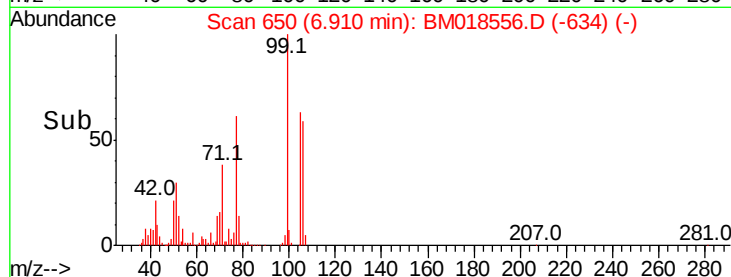
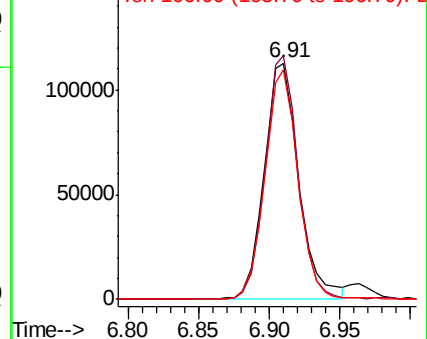
106 97.2 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM018466.D (-642) (-)



#10

Phenol

Concen: 51.110 ng

RT: 6.96 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

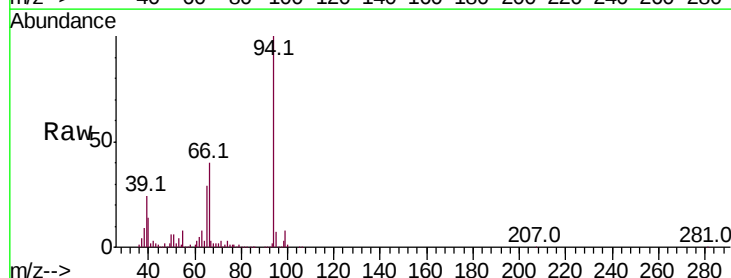
Tgt Ion: 94 Resp: 891243

Ion Ratio Lower Upper

94 100

65 28.6 9.4 49.4

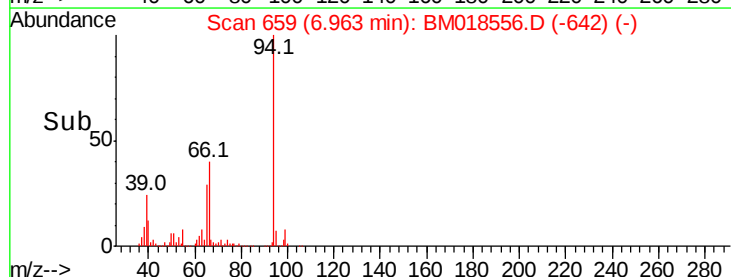
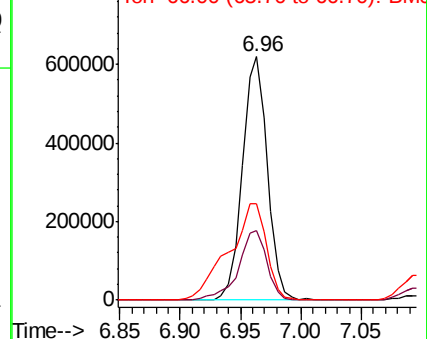
66 39.8 19.1 59.1

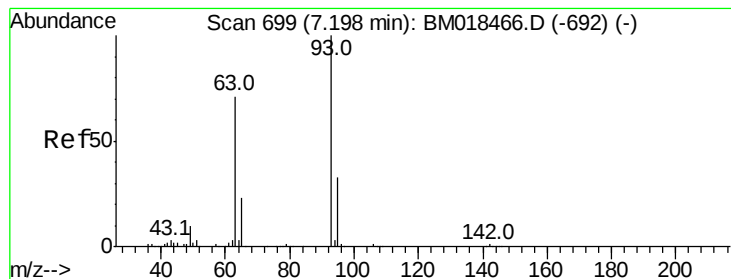


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

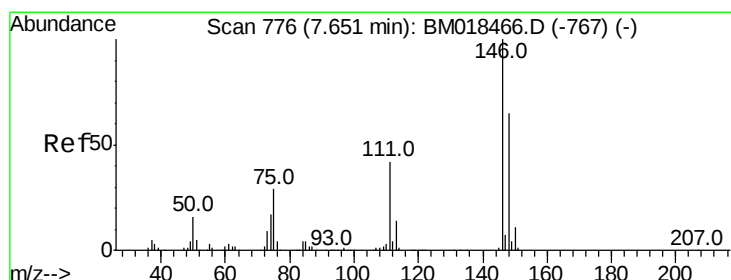
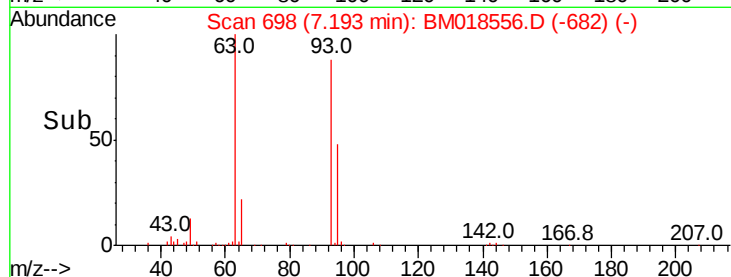
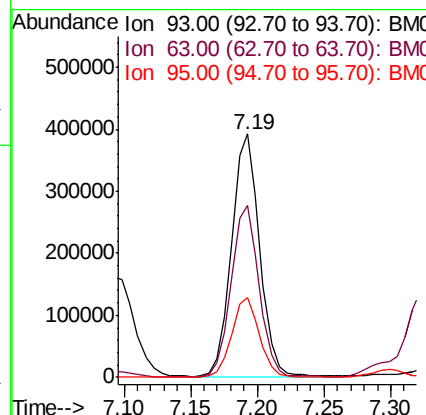
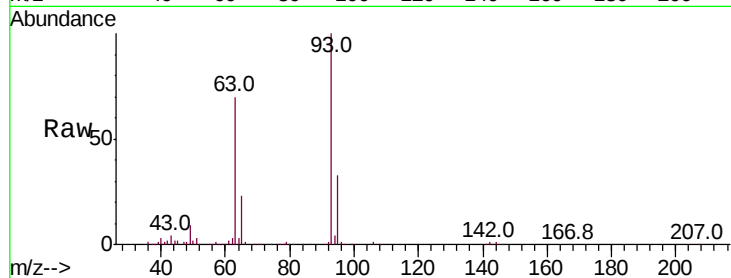




#11
bis(2-Chloroethyl)ether
Concen: 41.847 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

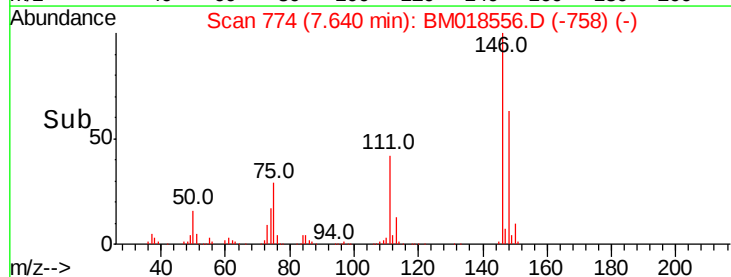
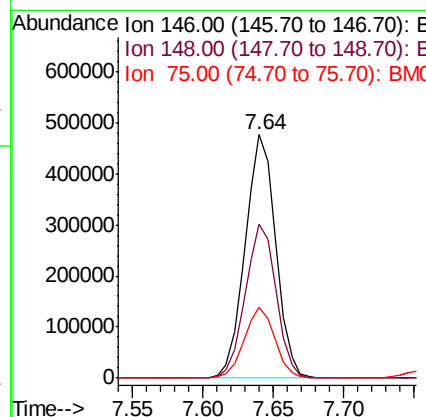
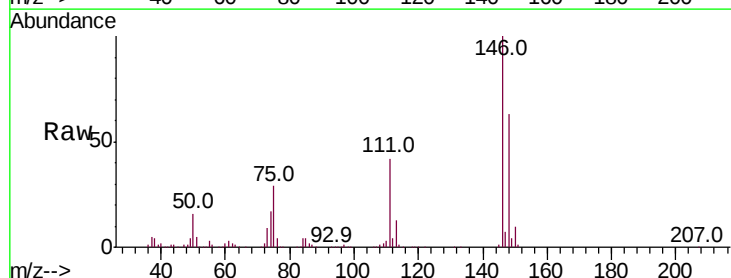
Instrument :
BNA_M
ClientSampled :

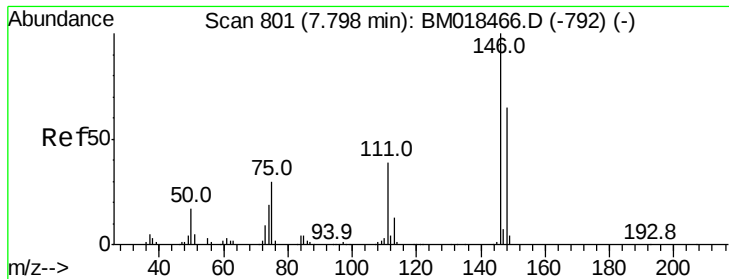
Tot Ion: 93 Resp: 573375
Ion Ratio Lower Upper
93 100
63 70.4 56.4 96.4
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.442 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion: 146 Resp: 722410
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
75 29.2 23.0 34.6

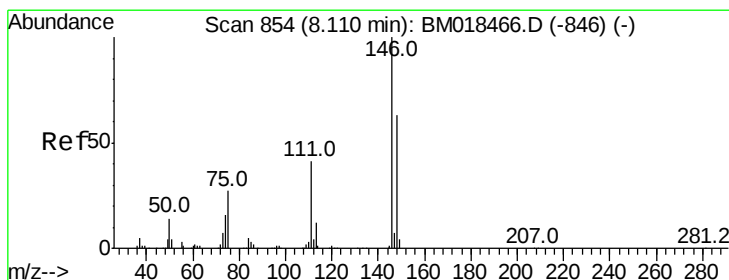
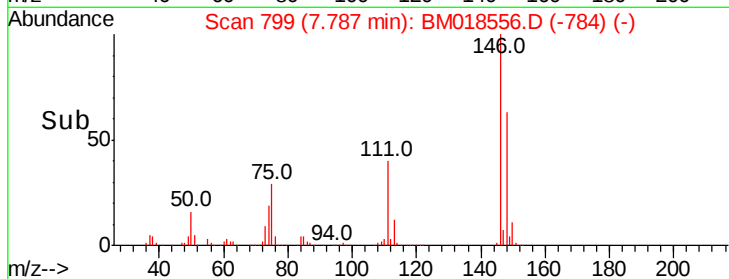
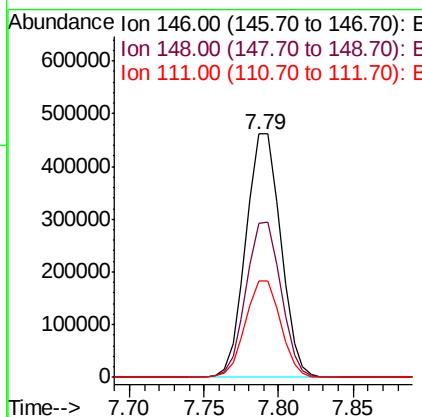
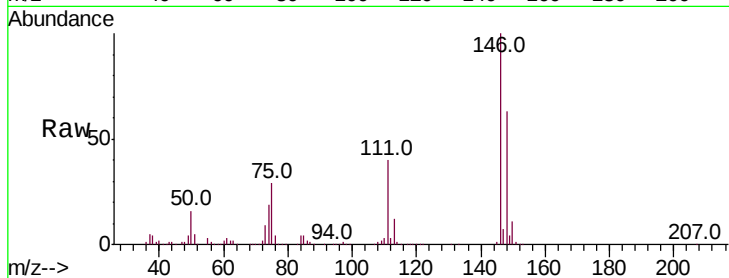




#13
 1,4-Dichlorobenzene
 Concen: 39.269 ng
 RT: 7.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

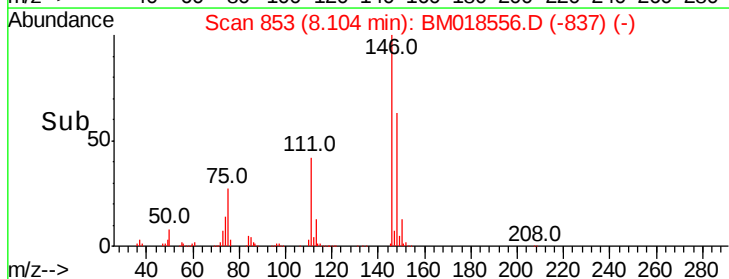
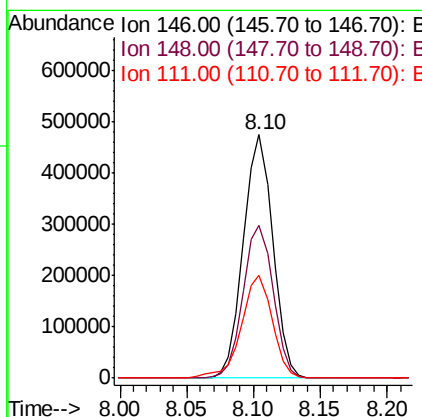
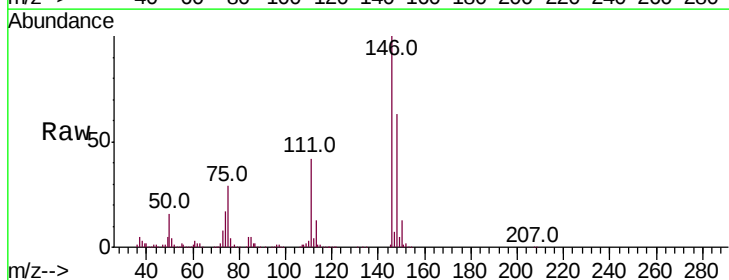
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	39.7	32.2	48.2



#14
 1,2-Dichlorobenzene
 Concen: 39.990 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.6
111	42.1	33.8	50.6





#15

Benzyl Alcohol

Concen: 48.510 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampled :

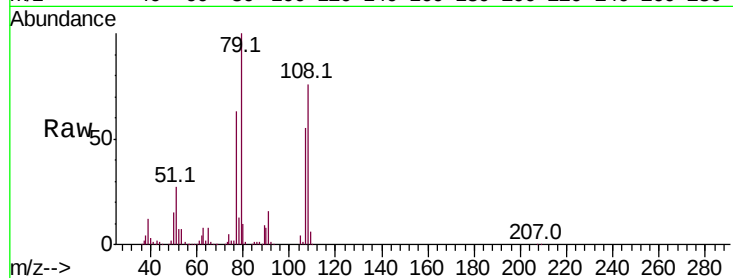
Tot Ion: 79 Resp: 601255

Ion Ratio Lower Upper

79 100

108 75.5 60.4 90.6

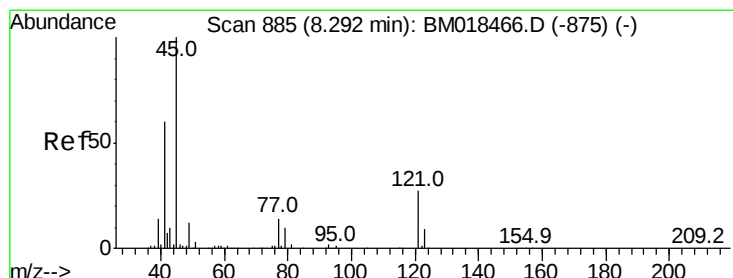
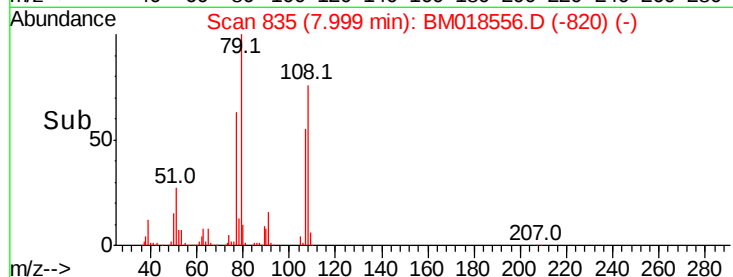
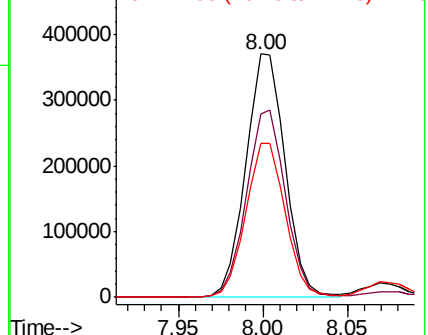
77 63.3 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-827) (-)

Ion 108.00 (107.70 to 108.70): BM018466.D (-827) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-827) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.428 ng

RT: 8.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

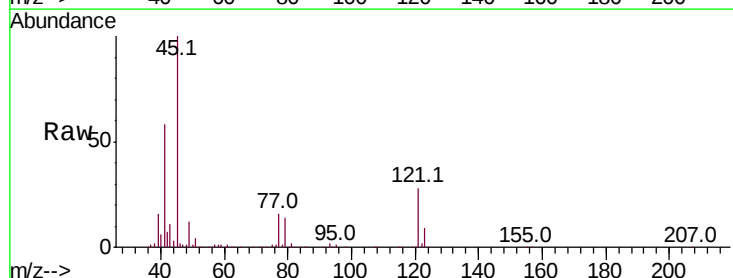
Tgt Ion: 45 Resp: 707910

Ion Ratio Lower Upper

45 100

77 16.2 0.0 33.4

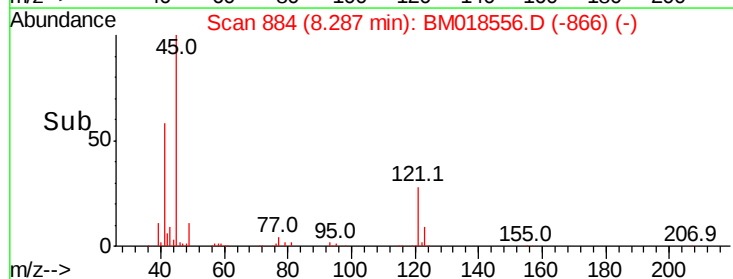
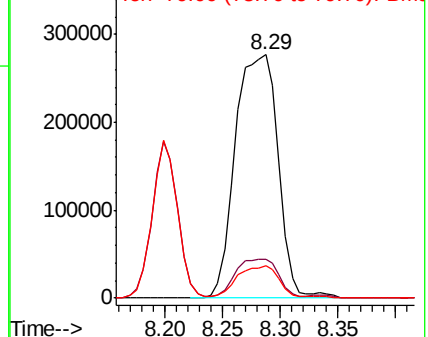
79 13.6 0.0 31.1

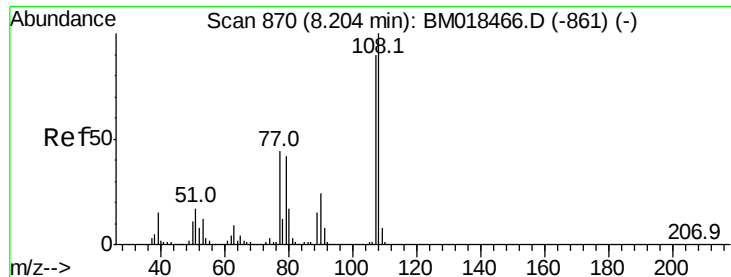


Abundance Ion 45.00 (44.70 to 45.70): BM018466.D (-875) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-875) (-)

Ion 79.00 (78.70 to 79.70): BM018466.D (-875) (-)

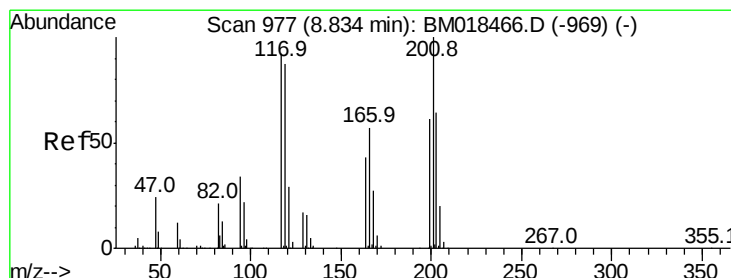
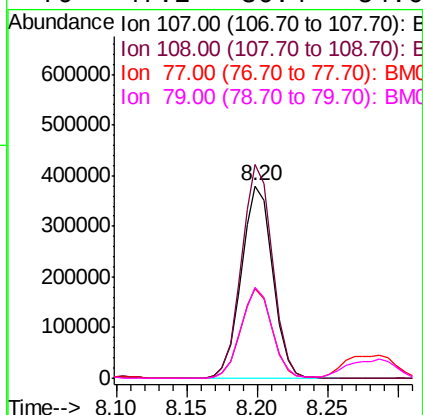
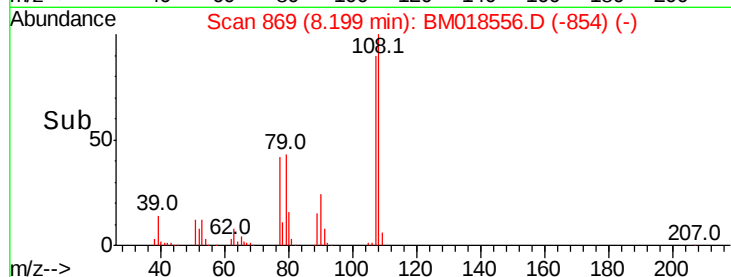
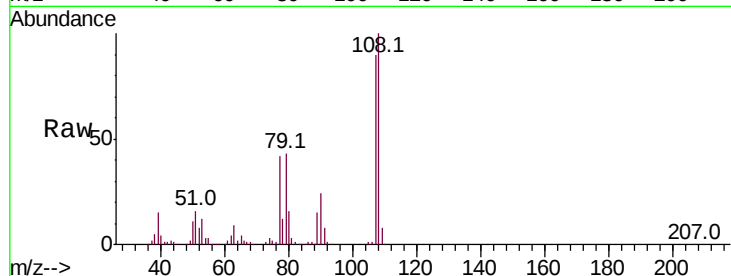




#17
2-Methylphenol
Concen: 50.005 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

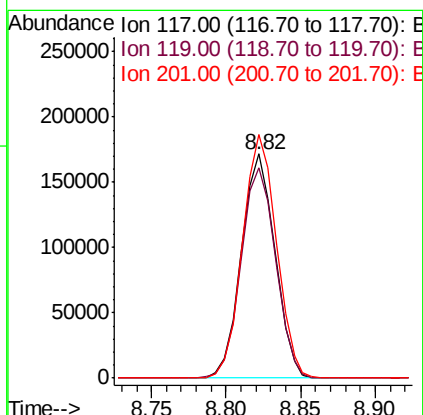
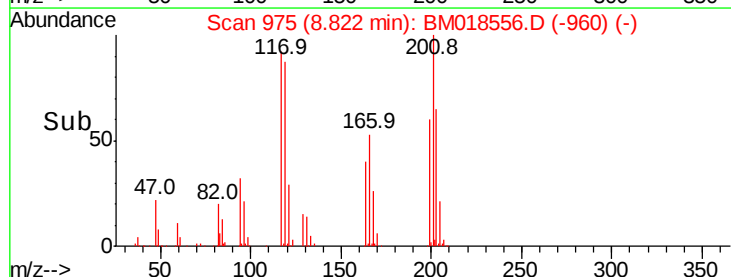
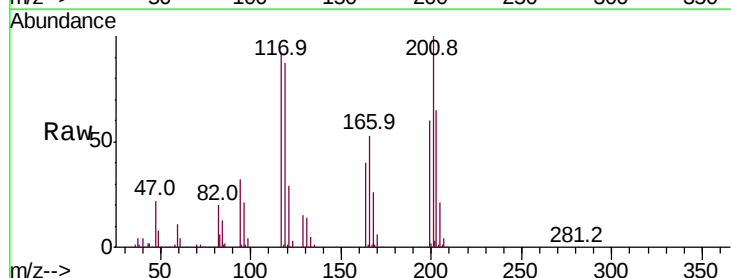
Instrument :
BNA_M
ClientSampleId :

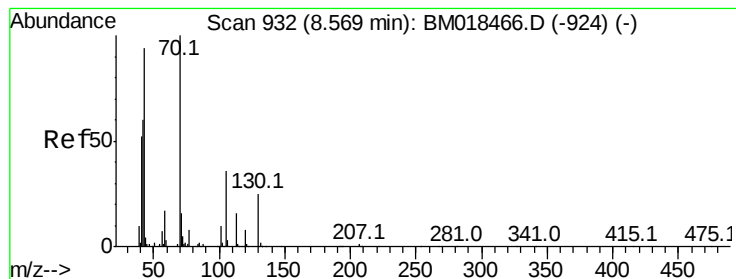
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	87.5	131.3
77	46.8	37.3	55.9
79	47.2	36.4	54.6



#18
Hexachloroethane
Concen: 39.383 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.3	117.5
201	108.8	81.4	122.0





#19

n-Nitroso-di-n-propylamine

Concen: 43.394 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 484605

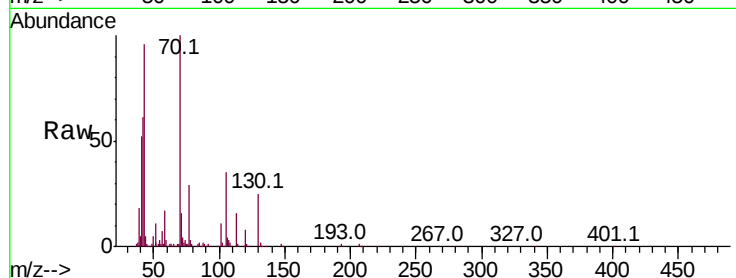
Ion Ratio Lower Upper

70 100

42 60.8 54.0 81.0

101 11.0 8.1 12.1

130 25.4 17.8 26.6

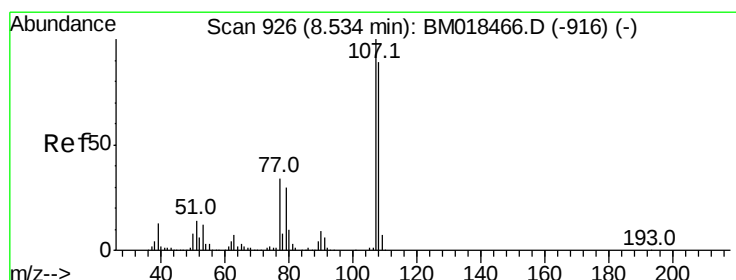
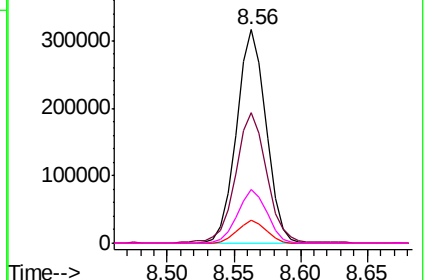
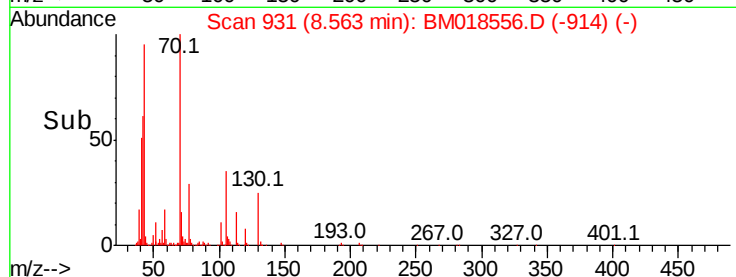


Abundance Ion 70.00 (69.70 to 70.70): BM018466.D (-924) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-924) (-)

Ion 101.00 (100.70 to 101.70): BM018466.D (-924) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-924) (-)



#20

3+4-Methylphenols

Concen: 49.751 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tgt Ion: 107 Resp: 812950

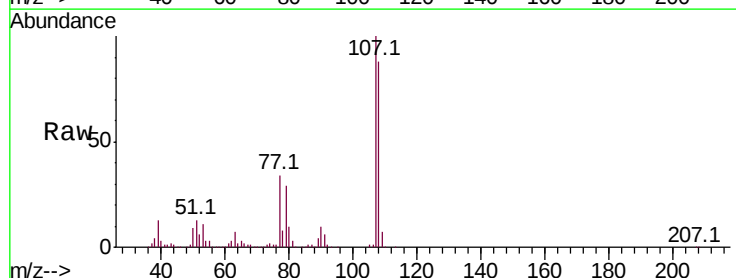
Ion Ratio Lower Upper

107 100

108 87.5 66.8 106.8

77 33.7 13.3 53.3

79 28.9 8.8 48.8

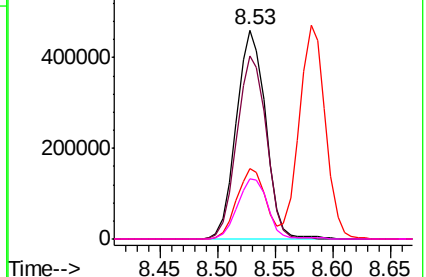
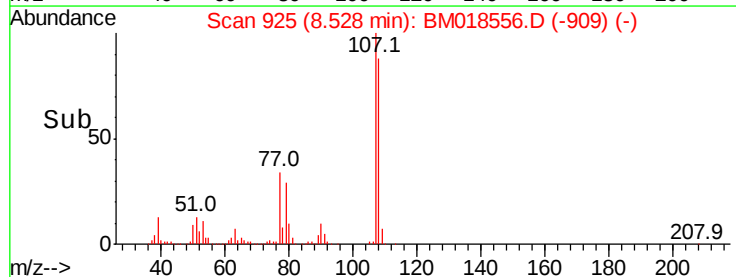


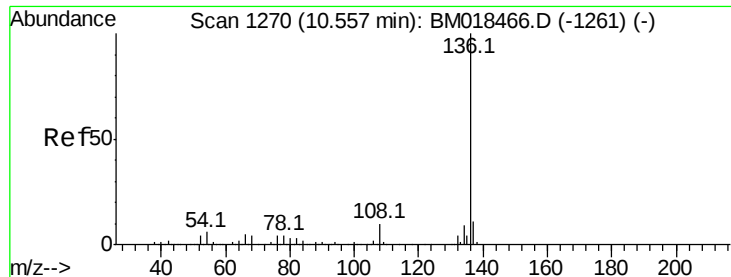
Abundance Ion 107.00 (106.70 to 107.70): BM018466.D (-916) (-)

Ion 108.00 (107.70 to 108.70): BM018466.D (-916) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-916) (-)

Ion 79.00 (78.70 to 79.70): BM018466.D (-916) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1037328

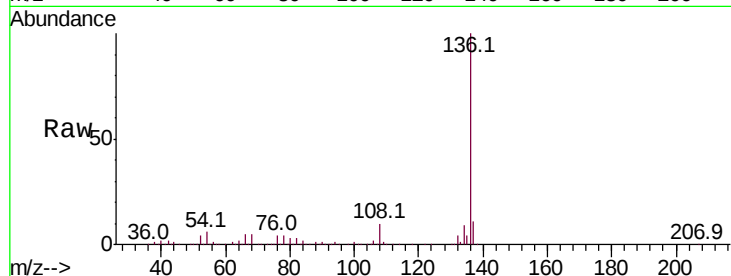
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.4 6.0 9.0

68 4.6 4.5 6.7

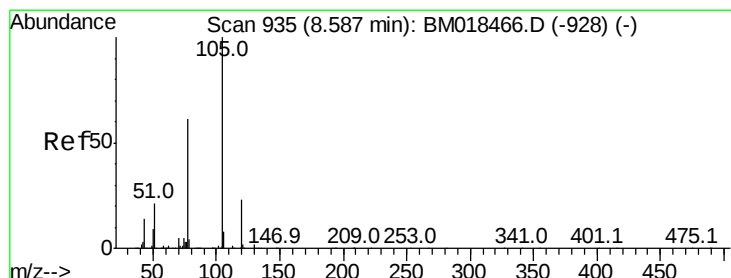
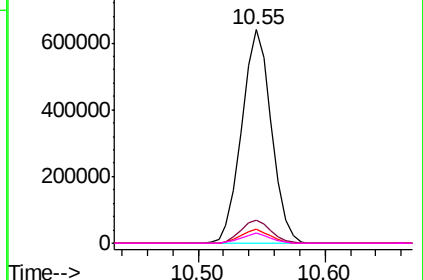
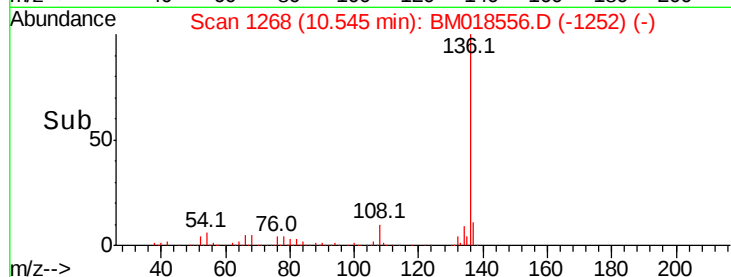


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 38.667 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tgt Ion:105 Resp: 992220

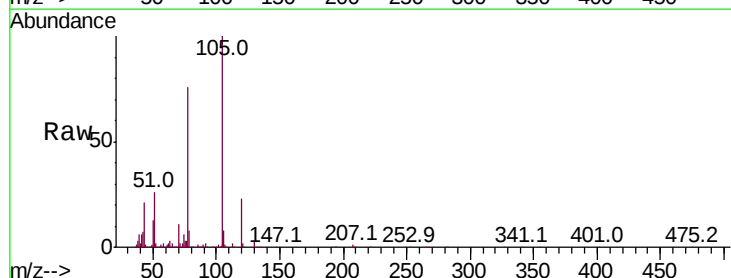
Ion Ratio Lower Upper

105 100

71 1.7 1.7 2.5

51 26.4 22.6 34.0

120 22.8 18.3 27.5

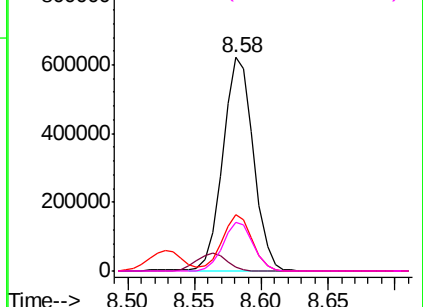
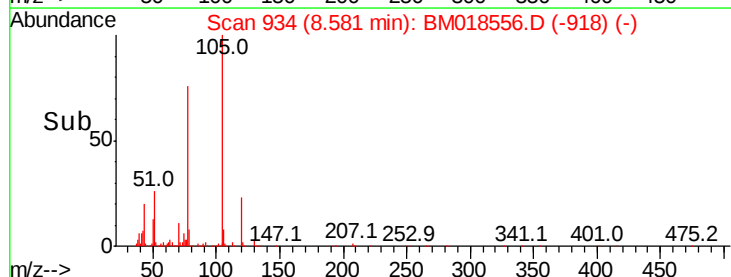


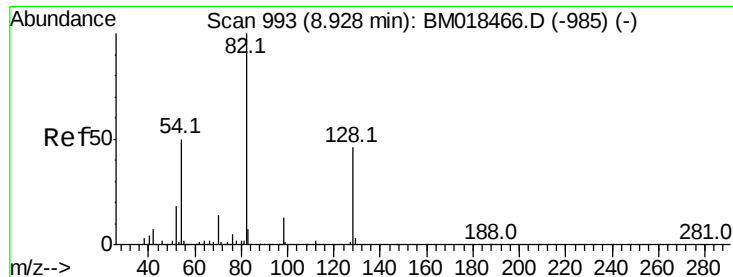
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

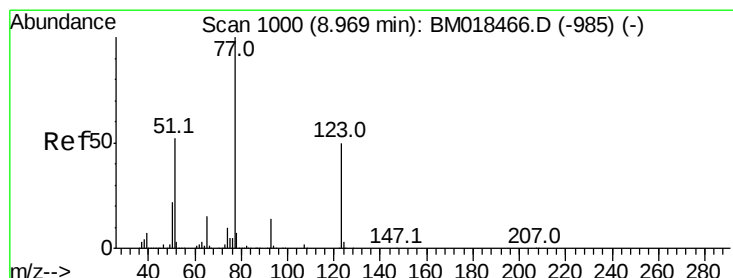
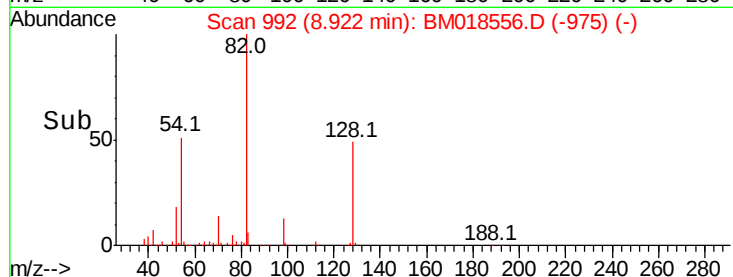
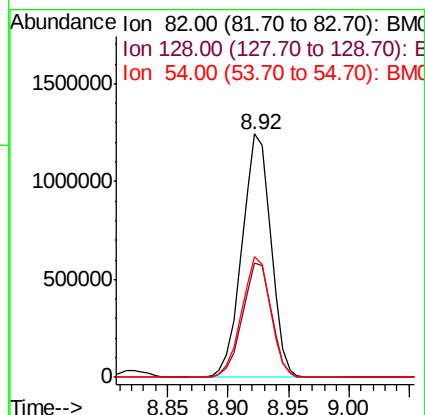
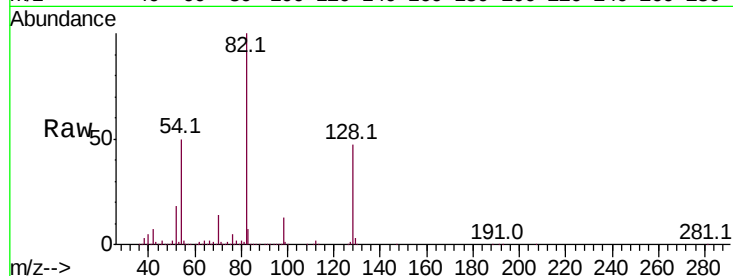




#23
Nitrobenzene-d5
Concen: 116.485 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

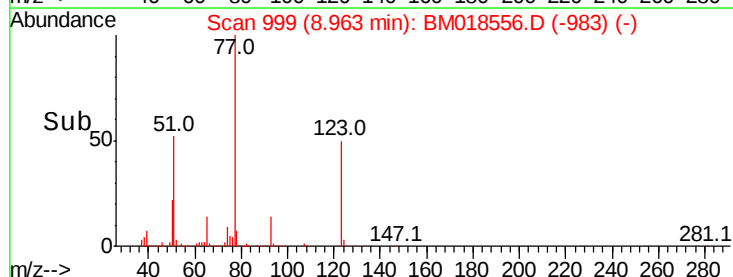
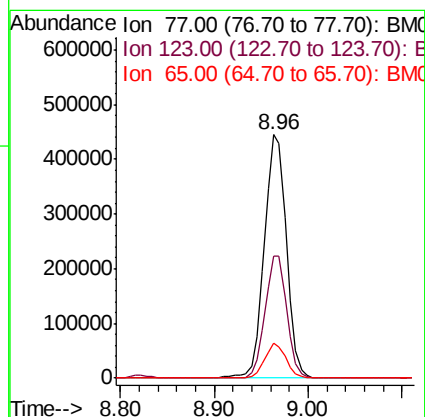
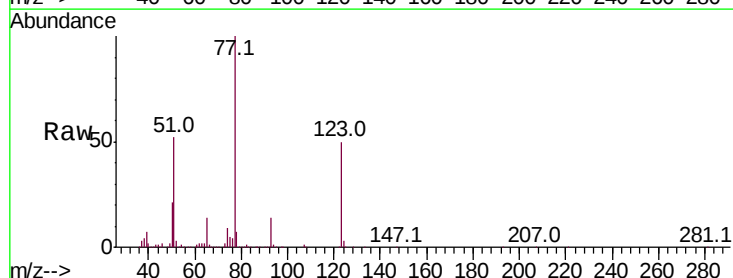
Instrument :
BNA_M
ClientSampleId :

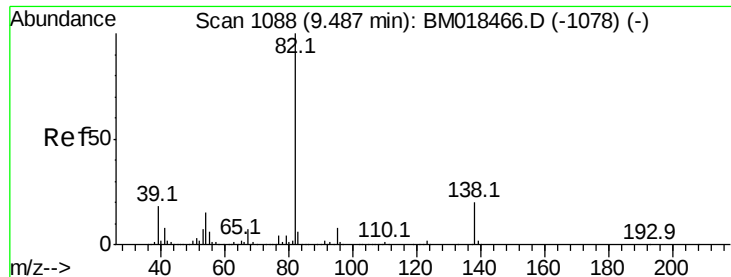
Tot Ion: 82 Resp: 2084368
Ion Ratio Lower Upper
82 100
128 47.1 36.3 54.5
54 49.6 41.7 62.5



#24
Nitrobenzene
Concen: 40.897 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion: 77 Resp: 720051
Ion Ratio Lower Upper
77 100
123 50.2 37.7 56.5
65 14.1 11.0 16.6

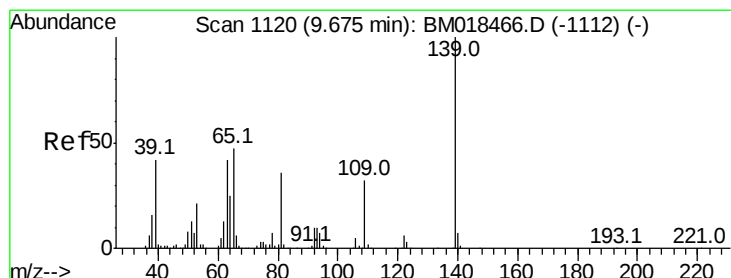
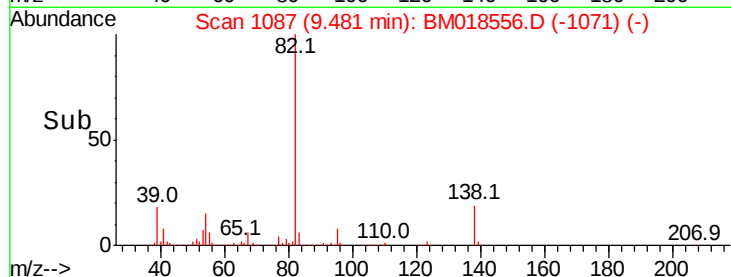
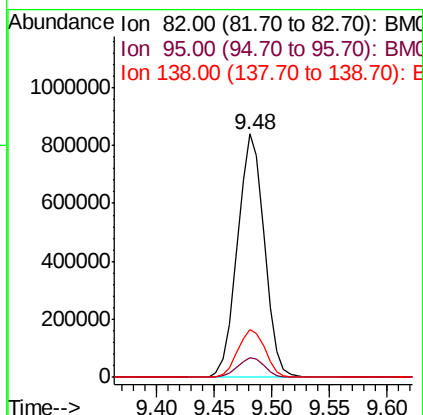
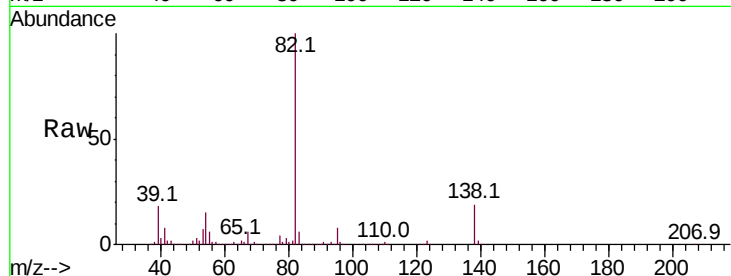




#25
Isophorone
Concen: 49.896 ng
RT: 9.48 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

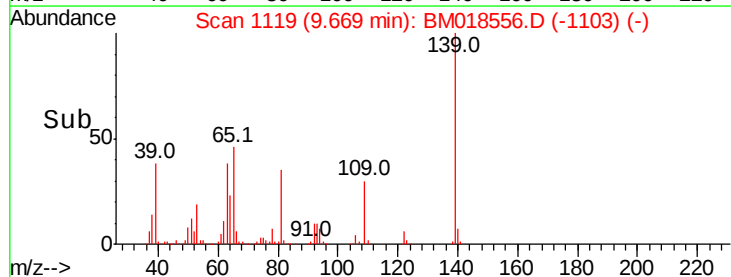
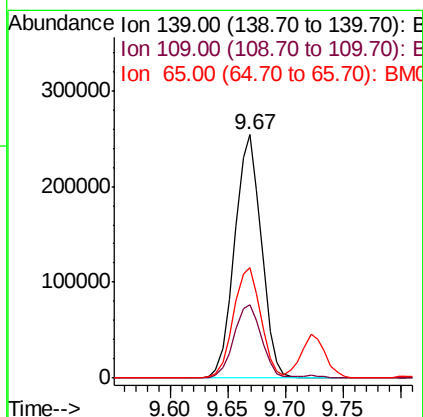
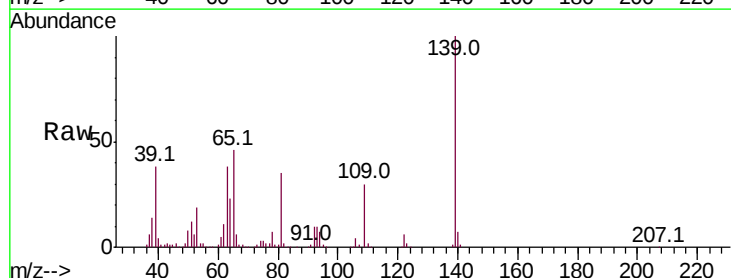
Instrument :
BNA_M
ClientSampled :

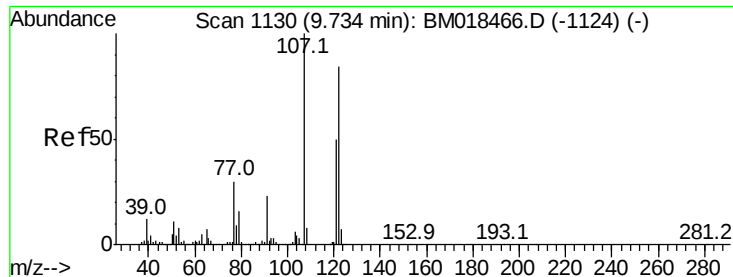
Tot Ion: 82 Resp: 1352003
Ion Ratio Lower Upper
82 100
95 8.2 6.1 9.1
138 19.5 15.1 22.7



#26
2-Nitrophenol
Concen: 47.937 ng
RT: 9.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion:139 Resp: 408100
Ion Ratio Lower Upper
139 100
109 30.2 23.4 35.2
65 45.6 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 51.922 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

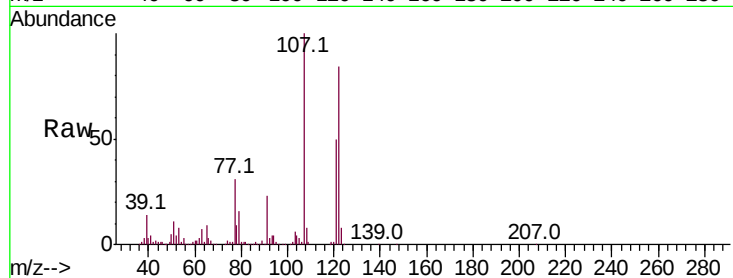
Tot Ion:122 Resp: 662548

Ion Ratio Lower Upper

122 100

107 118.4 91.9 137.9

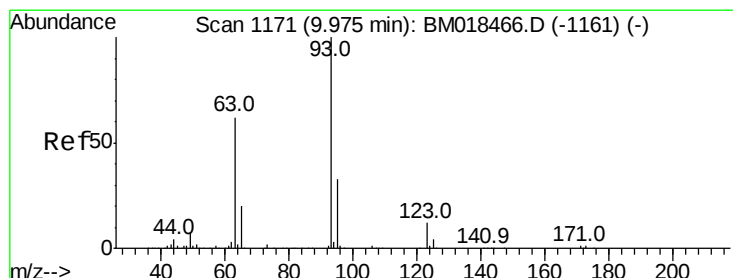
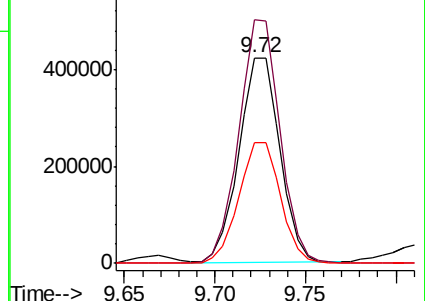
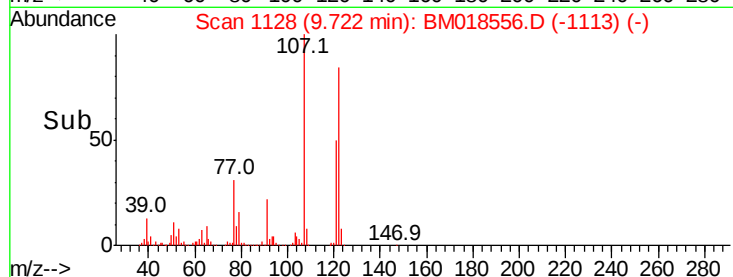
121 58.9 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.760 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

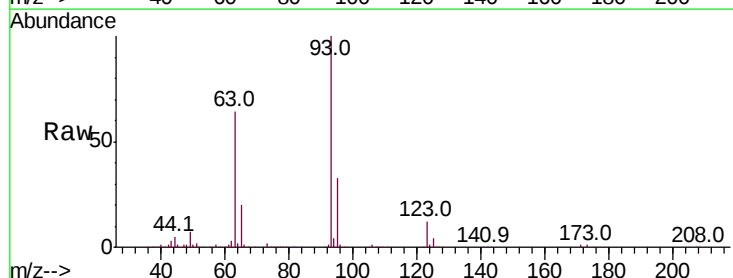
Tgt Ion: 93 Resp: 819123

Ion Ratio Lower Upper

93 100

95 33.1 26.6 39.8

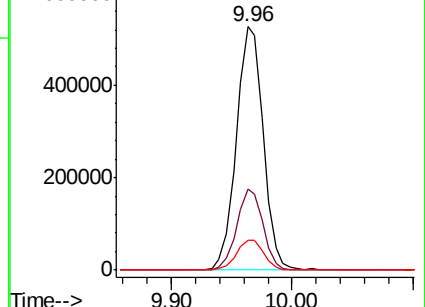
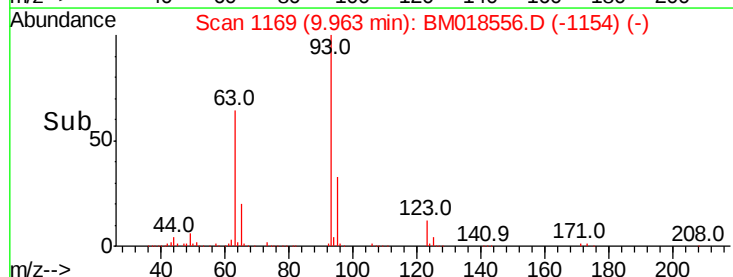
123 12.0 9.9 14.9

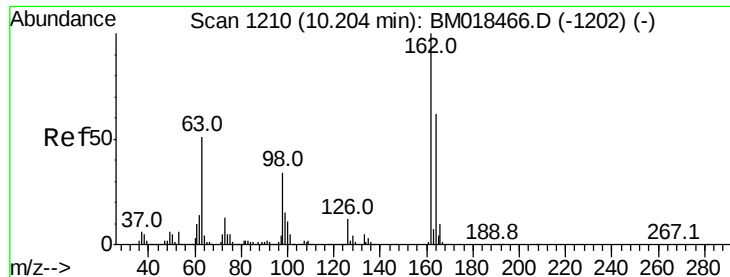


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

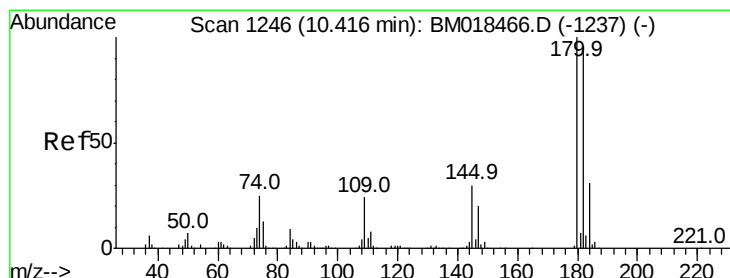
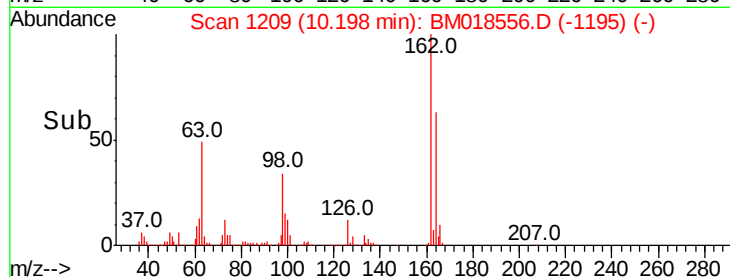
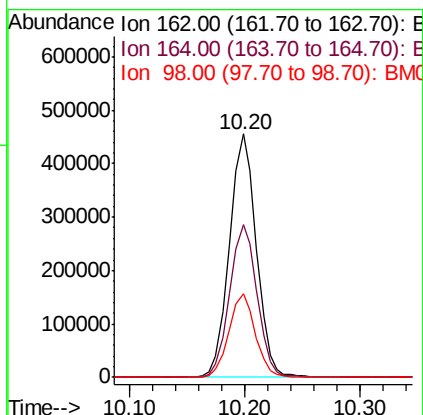
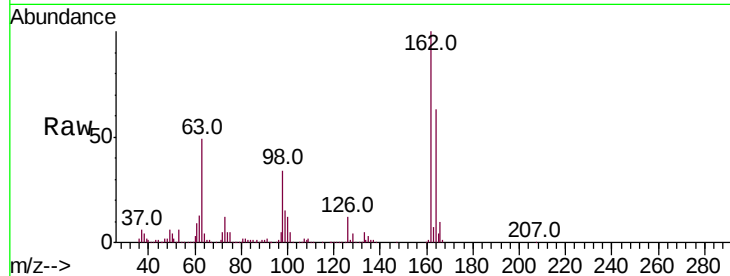




#29
2,4-Dichlorophenol
Concen: 48.362 ng
RT: 10.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

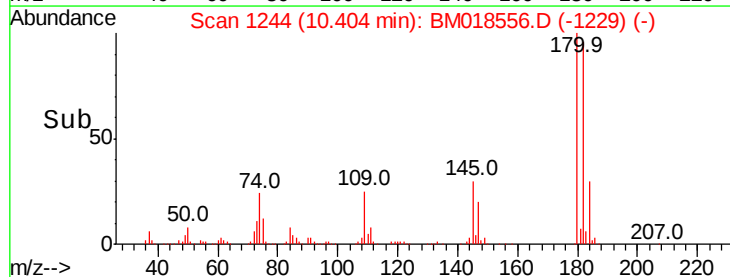
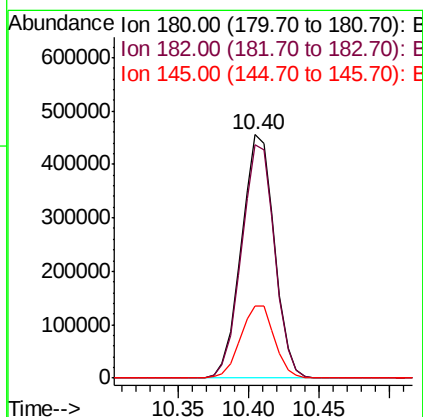
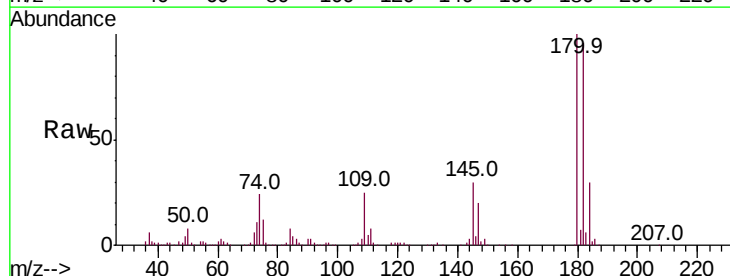
Instrument :
BNA_M
ClientSampleId :

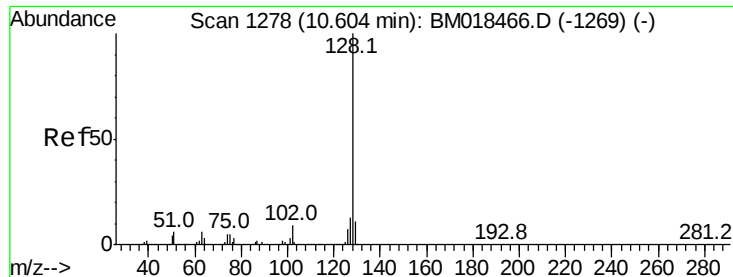
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	45.6	85.6
98	34.2	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 39.452 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.4	116.2
145	29.8	24.6	37.0

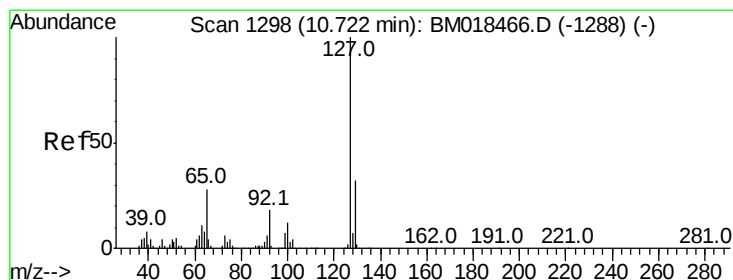
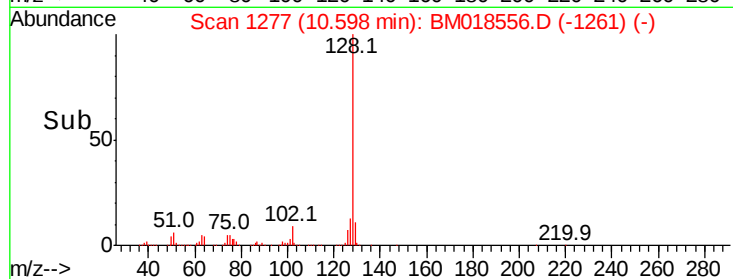
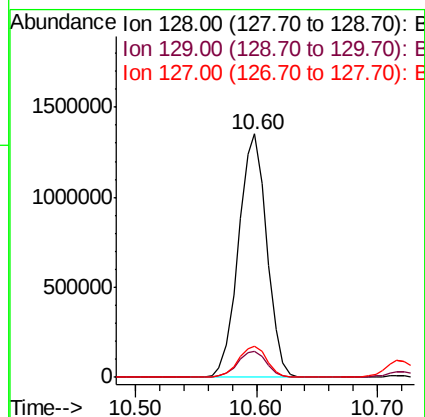
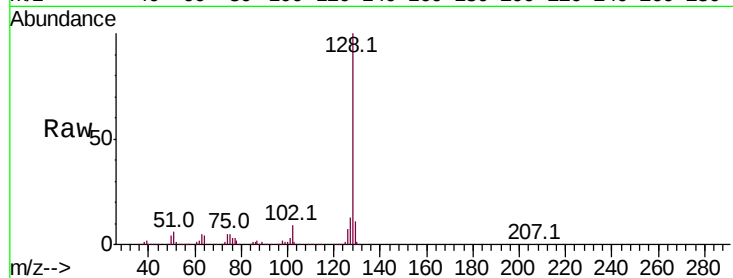




#31
Naphthalene
Concen: 44.125 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

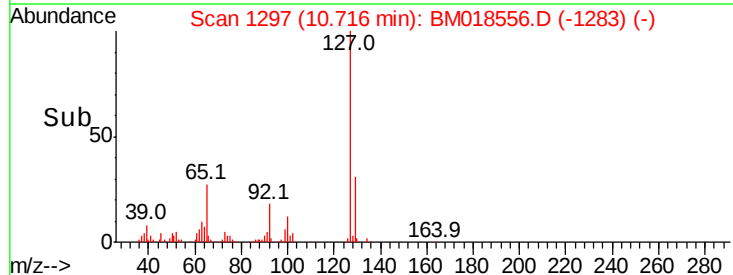
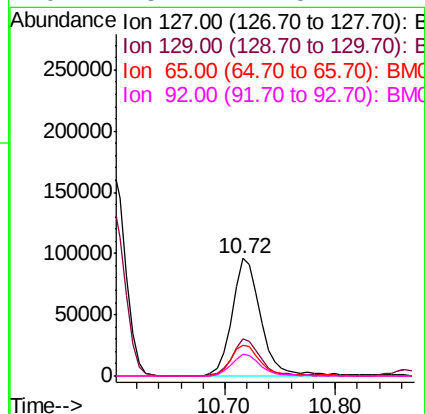
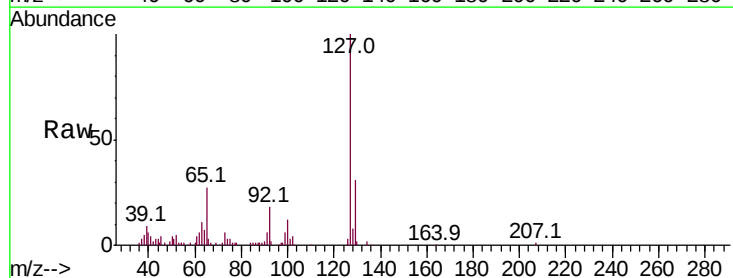
Instrument :
BNA_M
ClientSampleId :

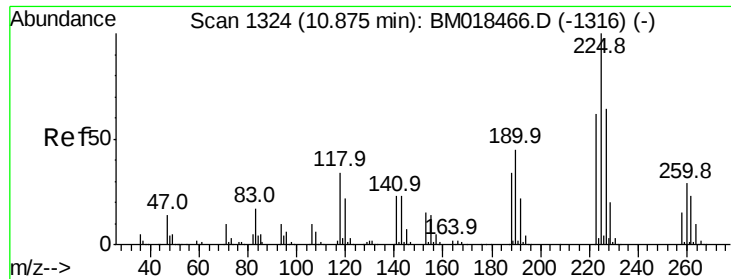
Tot Ion:128 Resp: 2204377
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.8 16.2



#33
4-Chloroaniline
Concen: 8.926 ng
RT: 10.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion:127 Resp: 175613
Ion Ratio Lower Upper
127 100
129 31.4 25.9 38.9
65 26.6 23.4 35.2
92 18.2 14.5 21.7

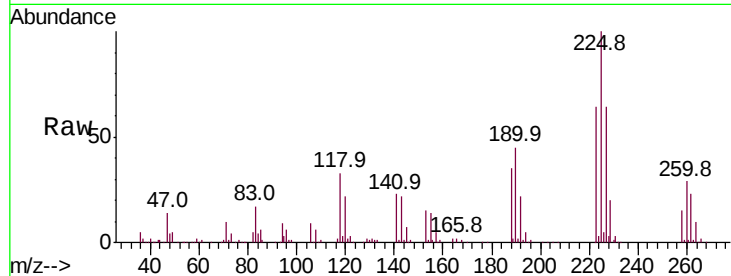




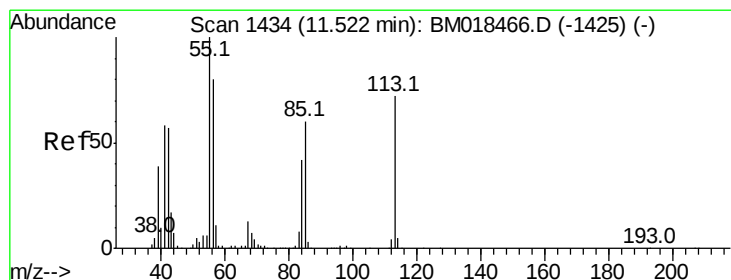
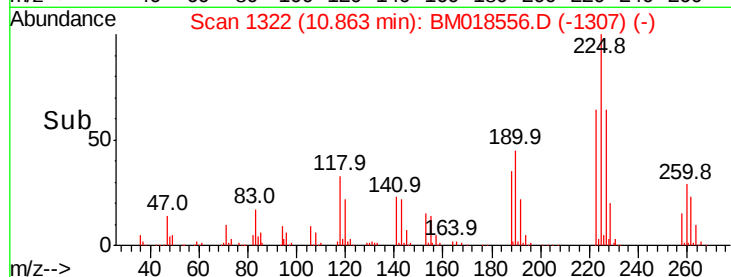
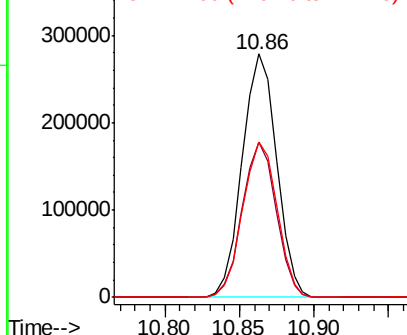
#34
Hexachlorobutadiene
Concen: 37.389 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:225 Resp: 445482
Ion Ratio Lower Upper
225 100
223 63.6 50.8 76.2
227 63.9 50.4 75.6

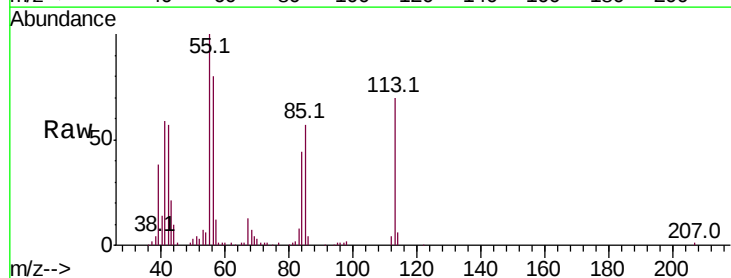


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

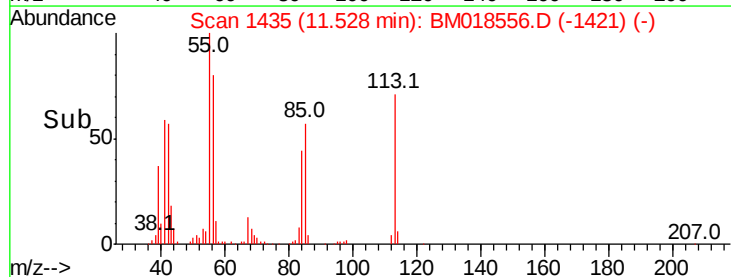
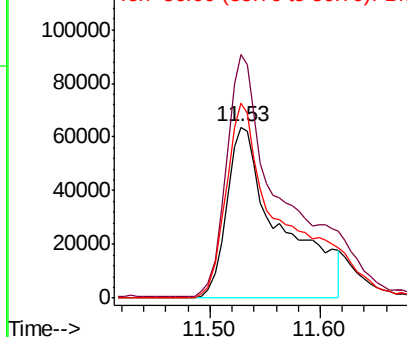


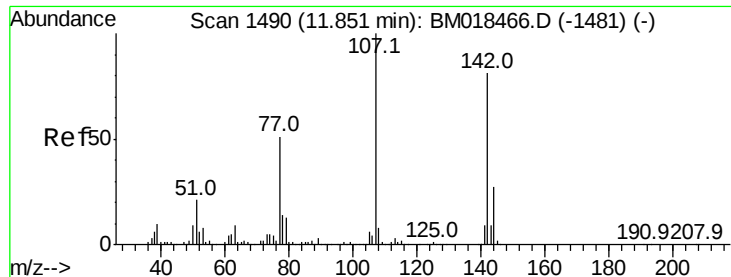
#35
Caprolactam
Concen: 41.635 ng
RT: 11.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion:113 Resp: 215088
Ion Ratio Lower Upper
113 100
55 142.3 139.3 179.3
56 113.7 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

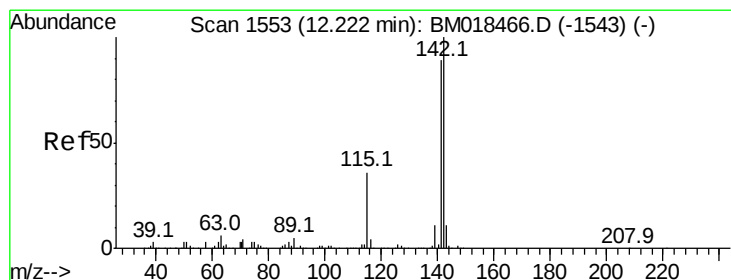
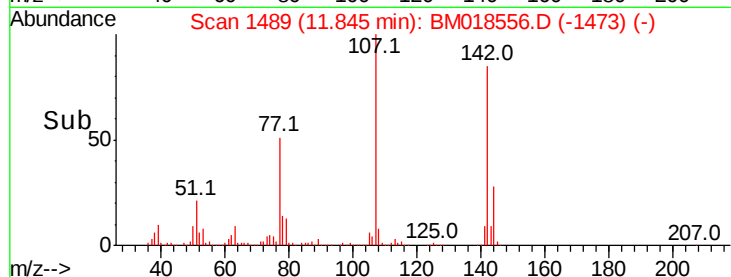
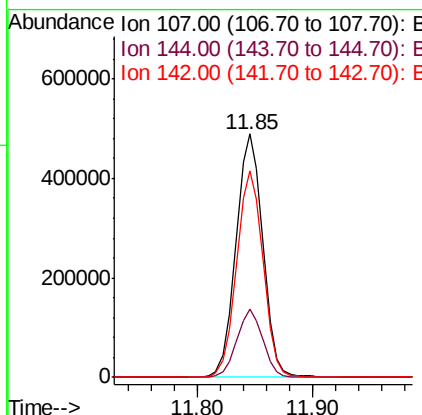
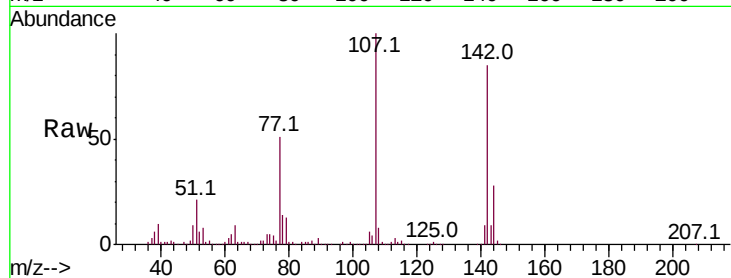




#36
 4-Chloro-3-methylphenol
 Concen: 49.289 ng
 RT: 11.85 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

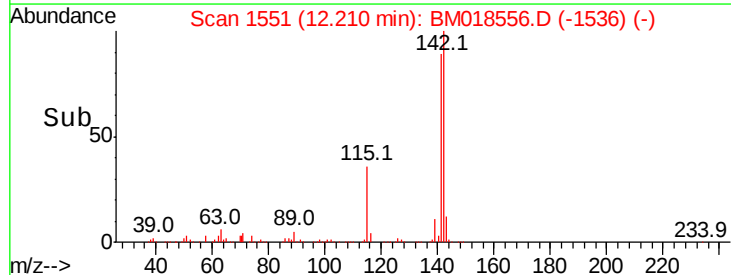
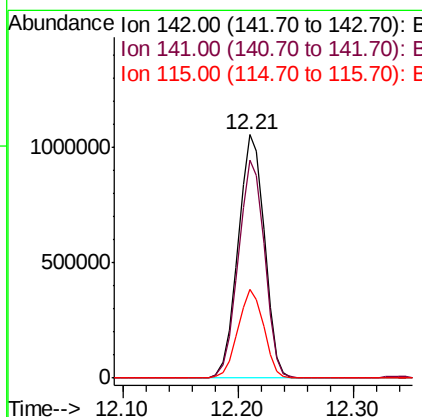
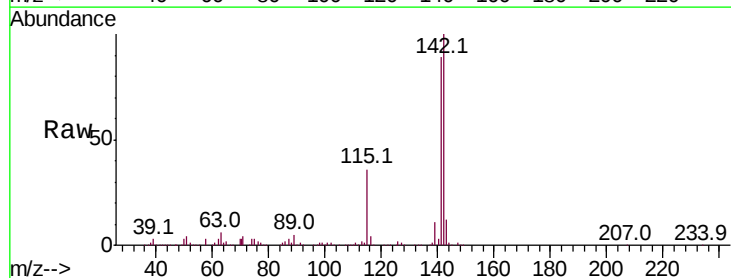
Instrument :
 BNA_M
 ClientSampleId :

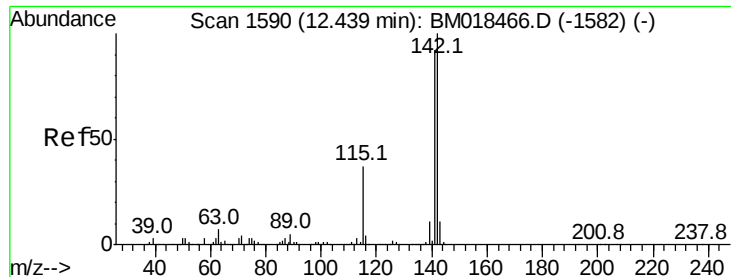
Tot Ion:107 Resp: 785722
 Ion Ratio Lower Upper
 107 100
 144 28.3 21.9 32.9
 142 84.7 67.9 101.9



#37
 2-Methylnaphthalene
 Concen: 47.352 ng
 RT: 12.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Tgt Ion:142 Resp: 1671403
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.4 107.2
 115 36.2 28.0 42.0

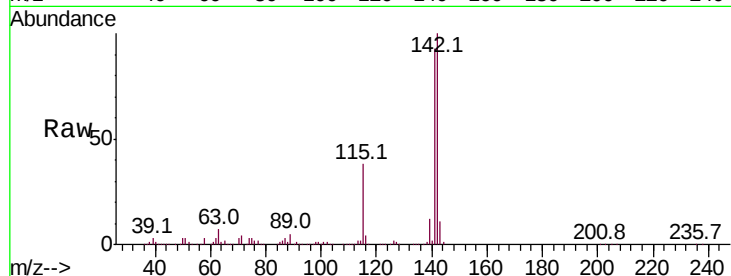




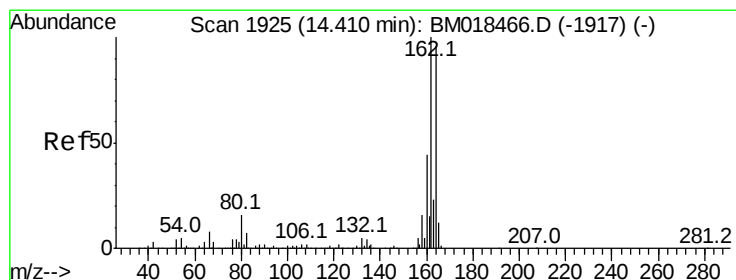
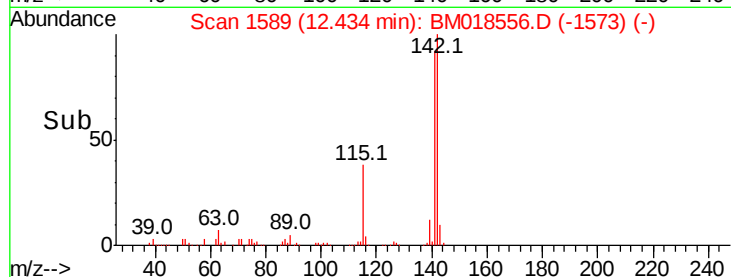
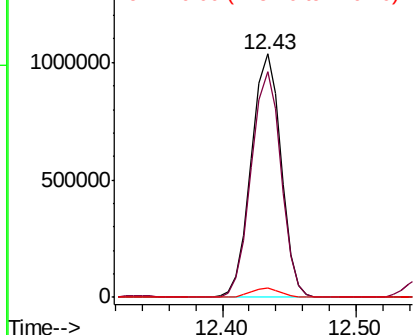
#38
1-Methylnaphthalene
Concen: 46.679 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampled :

Tot Ion:142 Resp: 1594221
Ion Ratio Lower Upper
142 100
141 92.8 75.6 113.4
116 3.8 3.0 4.6

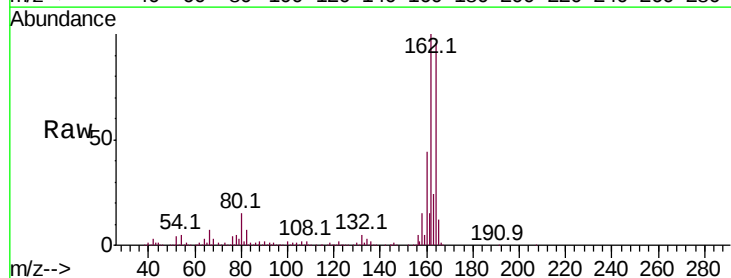


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

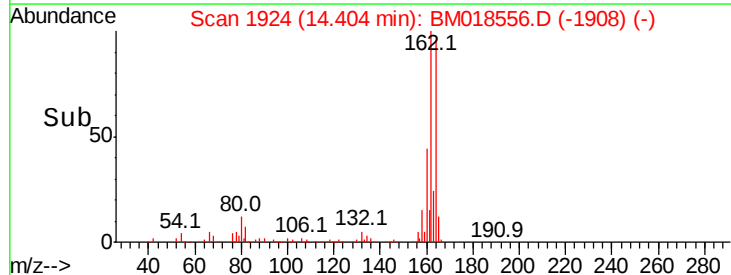
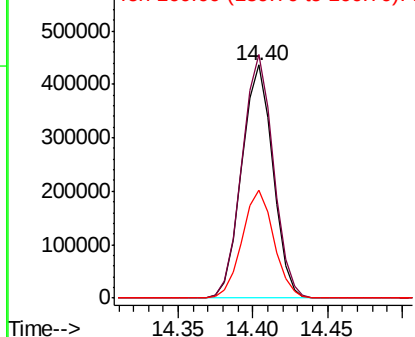


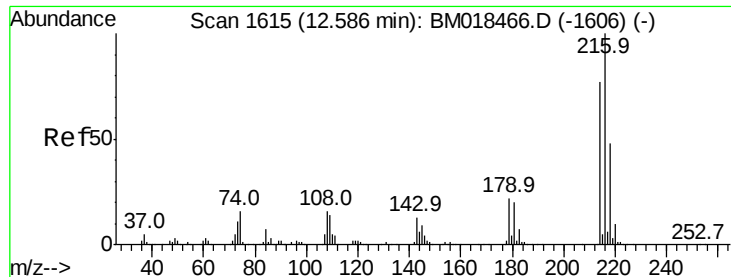
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion:164 Resp: 630056
Ion Ratio Lower Upper
164 100
162 104.5 83.0 124.4
160 46.4 37.1 55.7



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: 39.478 ng

RT: 12.58 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 869819

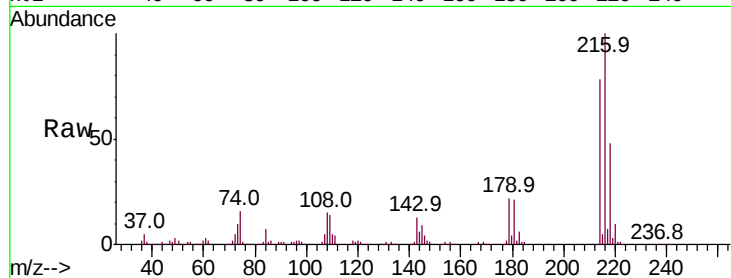
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.0

179 21.7 17.9 26.9

108 19.1 15.8 23.6

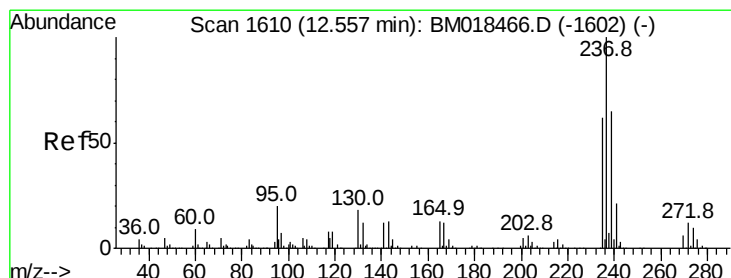
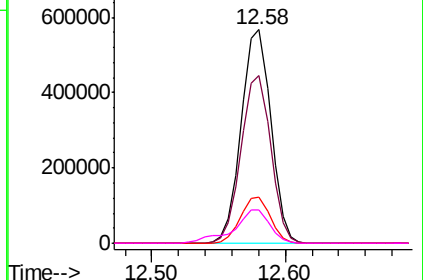
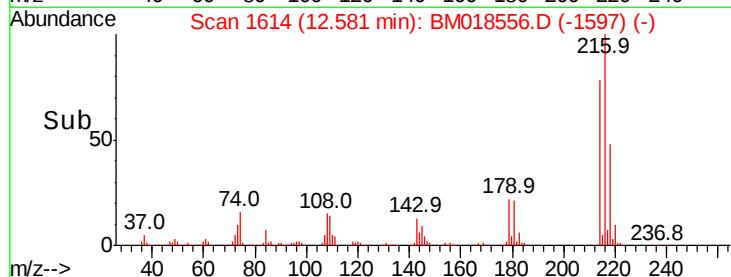


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.336 ng

RT: 12.55 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

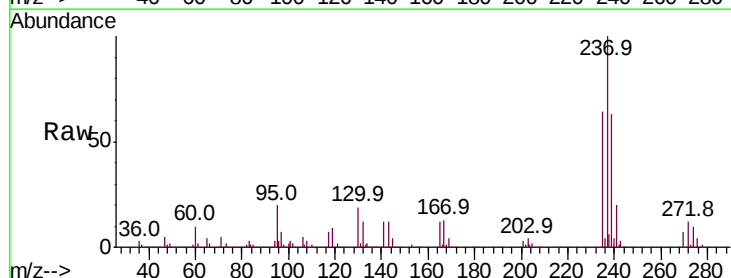
Tgt Ion:237 Resp: 935162

Ion Ratio Lower Upper

237 100

235 63.6 42.8 82.8

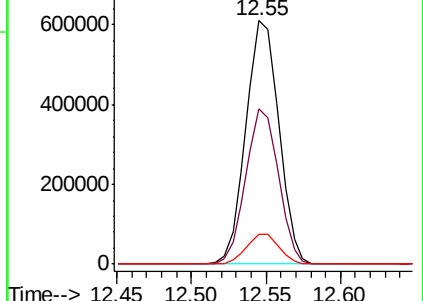
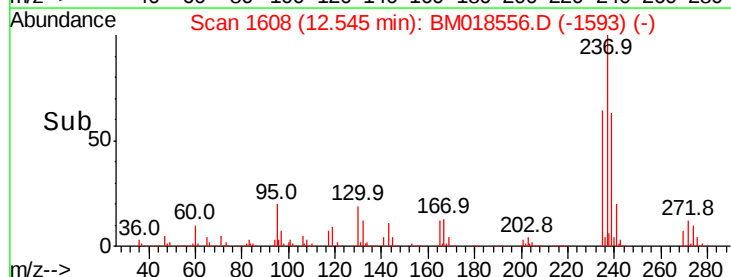
272 12.1 0.0 31.9

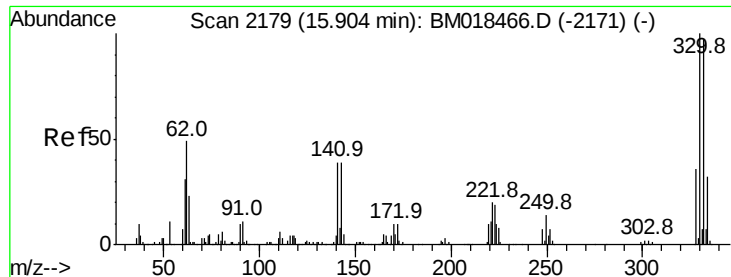


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

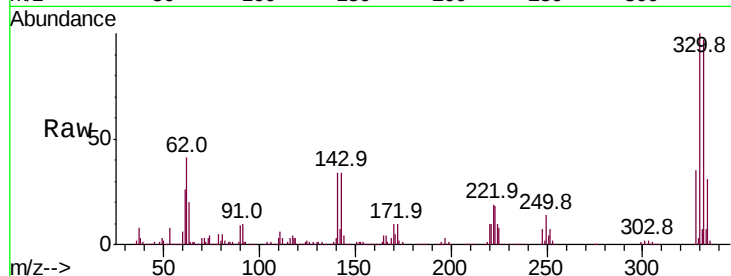




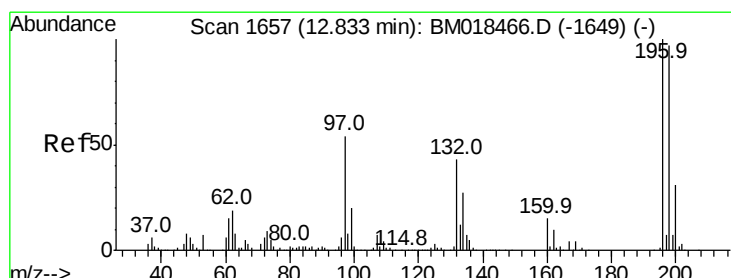
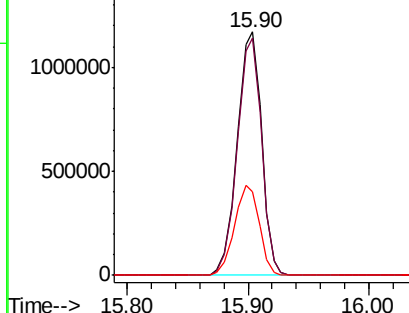
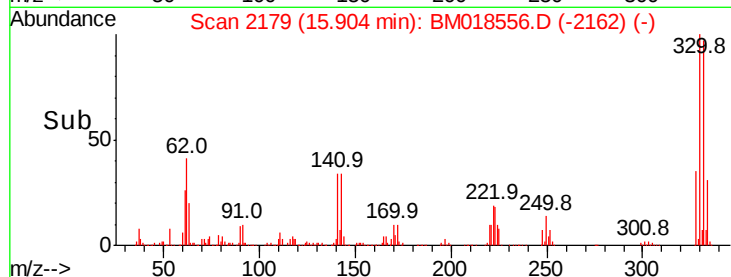
#42
 2,4,6-Tribromophenol
 Concen: 206.074 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1653203
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.6 116.4
 141 37.6 31.7 47.5

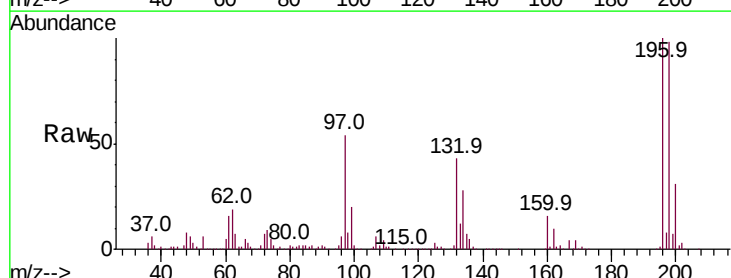


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

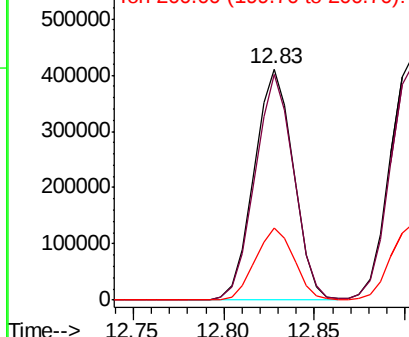
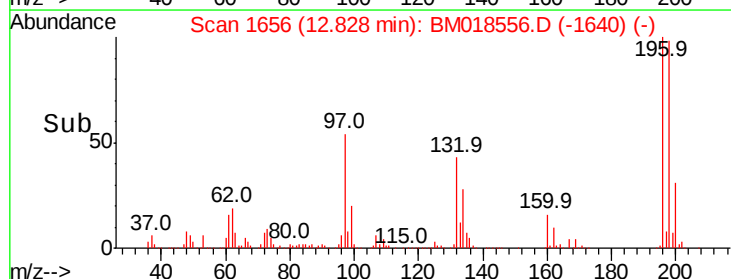


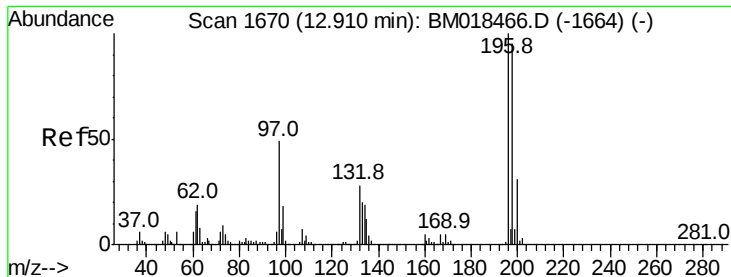
#43
 2,4,6-Trichlorophenol
 Concen: 46.225 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Tgt Ion:196 Resp: 618477
 Ion Ratio Lower Upper
 196 100
 198 97.8 76.6 115.0
 200 31.0 24.2 36.4



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

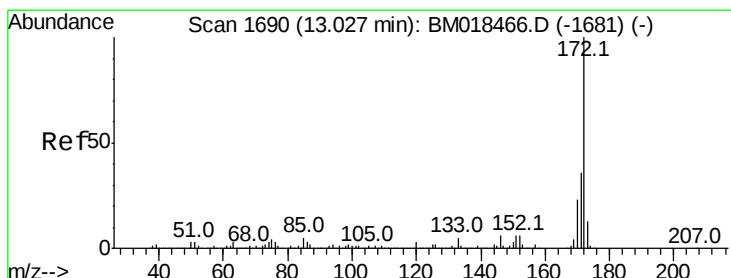
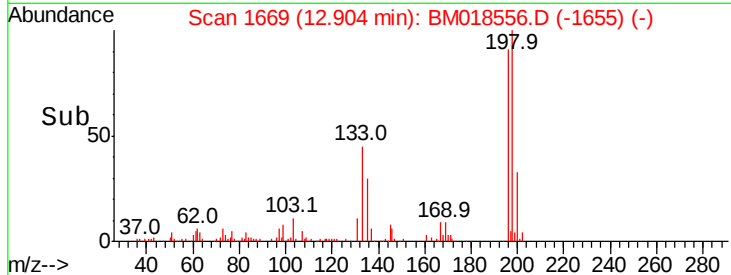
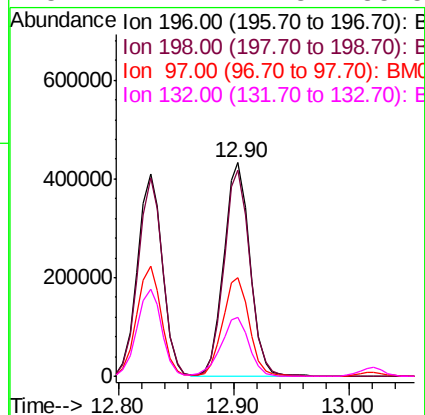
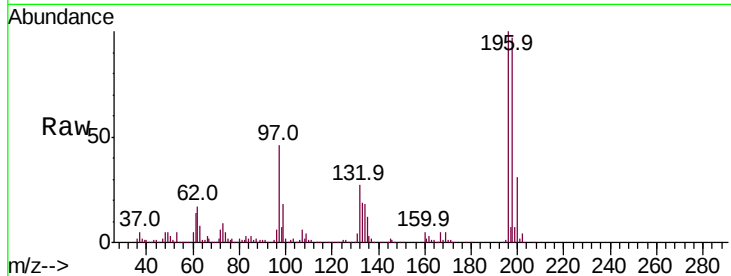




#44
 2,4,5-Trichlorophenol
 Concen: 47.922 ng
 RT: 12.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

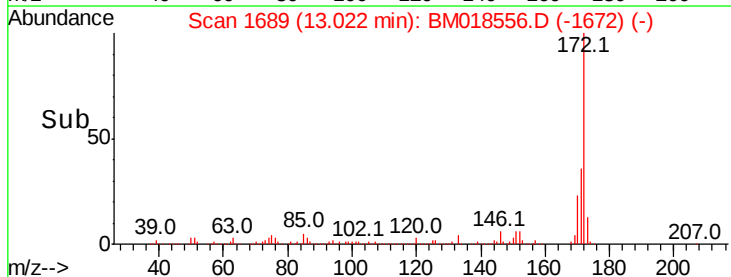
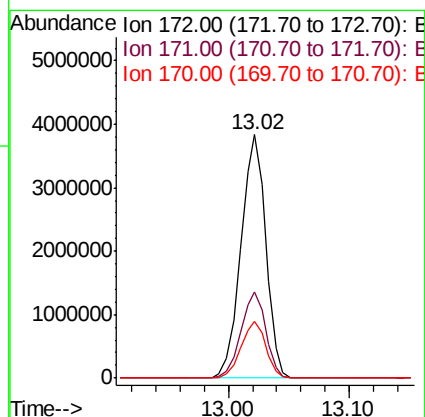
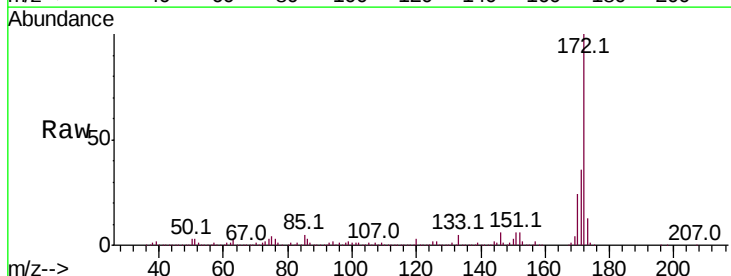
Instrument :
 BNA_M
 ClientSampleId :

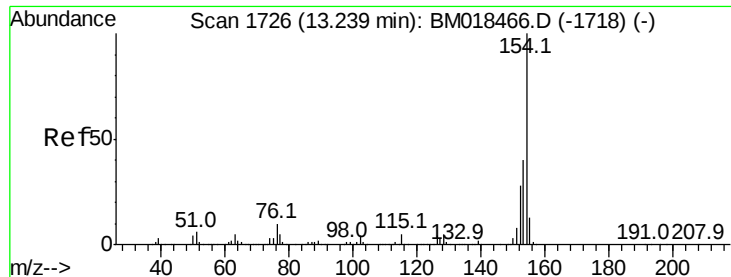
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.7	115.1
97	46.2	39.2	58.8
132	27.4	22.3	33.5



#45
 2-Fluorobiphenyl
 Concen: 113.913 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	23.5	18.9	28.3



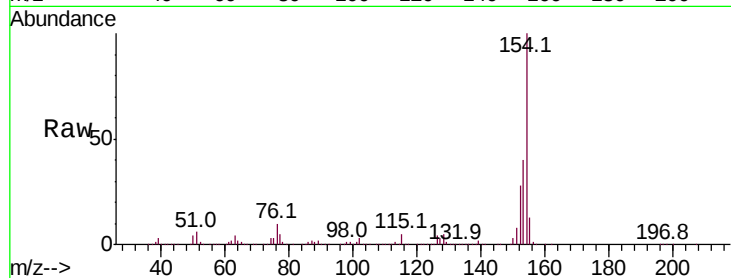


#46
 1,1'-Biphenyl
 Concen: 39.365 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

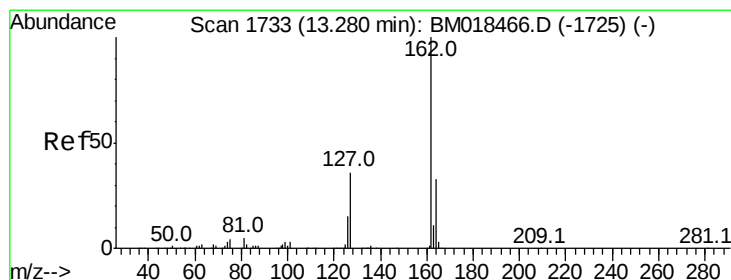
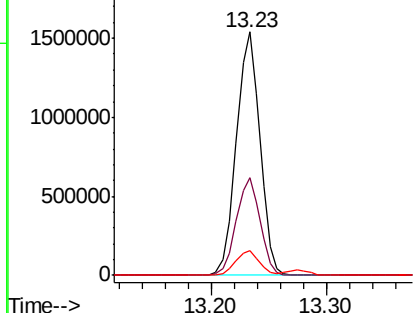
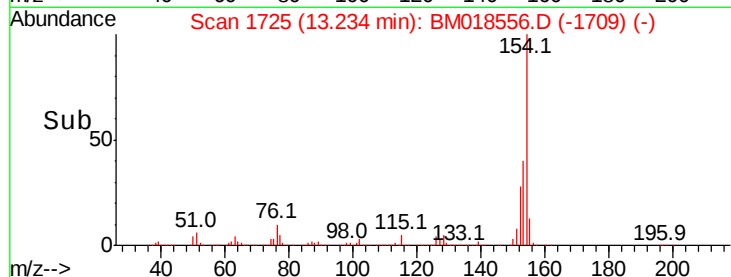
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:154 Resp: 2165603

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	10.1	0.0	31.9



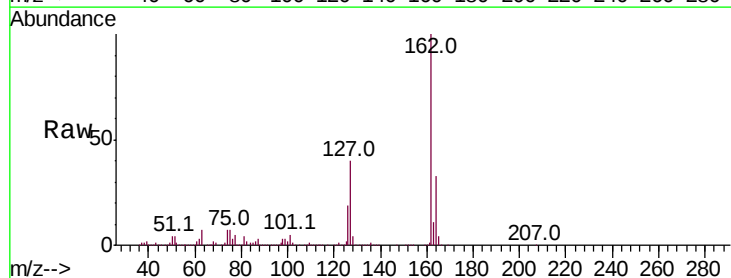
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM



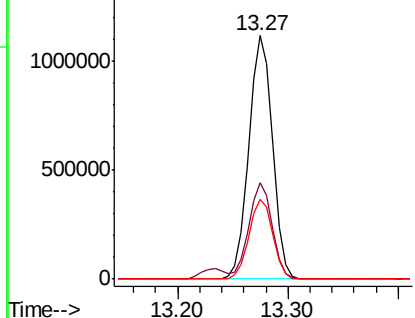
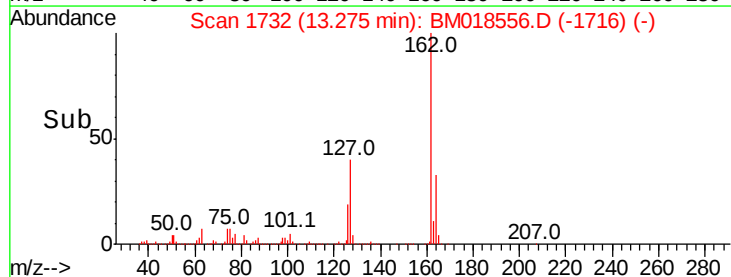
#47
 2-Chloronaphthalene
 Concen: 39.441 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

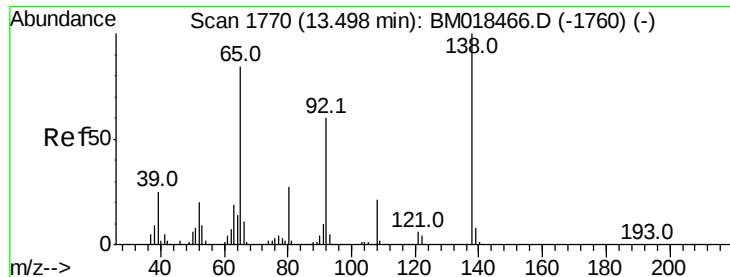
Tgt Ion:162 Resp: 1682595

Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.4	47.0
164	32.5	26.2	39.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

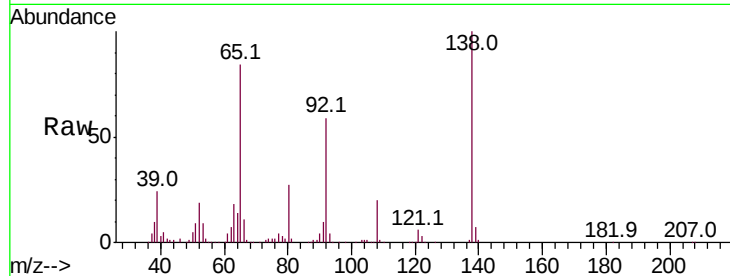




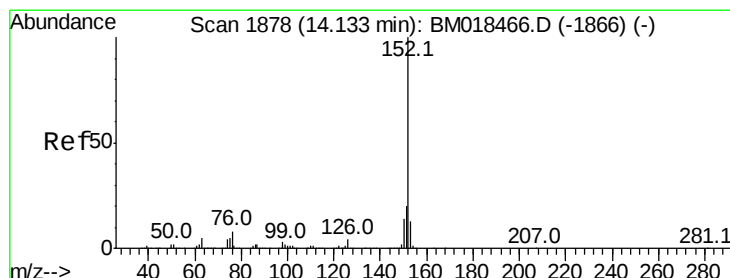
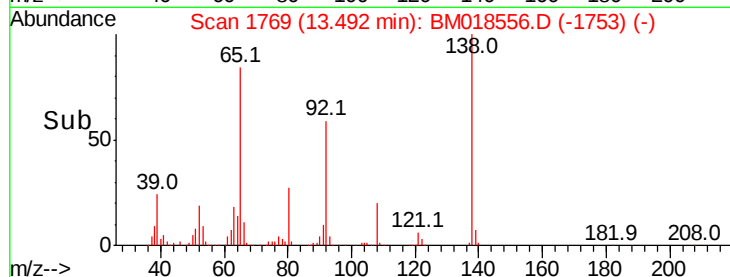
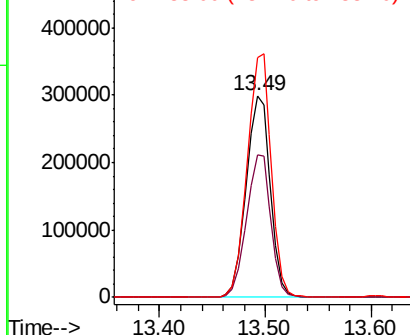
#48
2-Nitroaniline
Concen: 45.555 ng
RT: 13.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 65 Resp: 478120
Ion Ratio Lower Upper
65 100
92 70.5 53.4 80.2
138 119.2 88.9 133.3

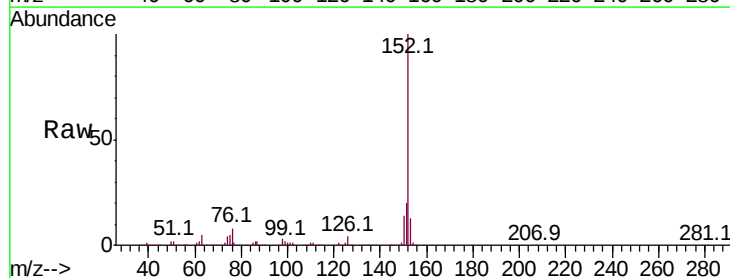


Abundance Ion 65.00 (64.70 to 65.70): BM018466.D (-1760) (-)
Ion 92.00 (91.70 to 92.70): BM018466.D (-1760) (-)
Ion 138.00 (137.70 to 138.70): BM018466.D (-1760) (-)

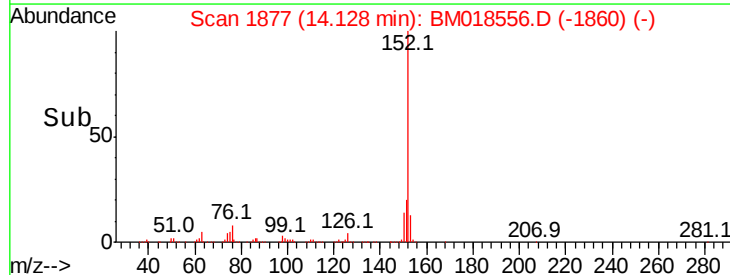
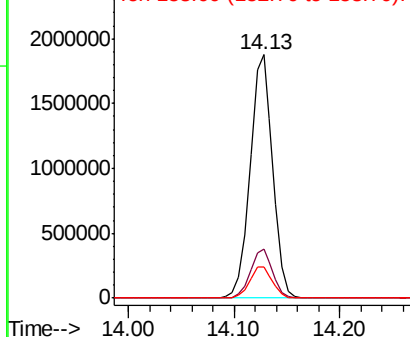


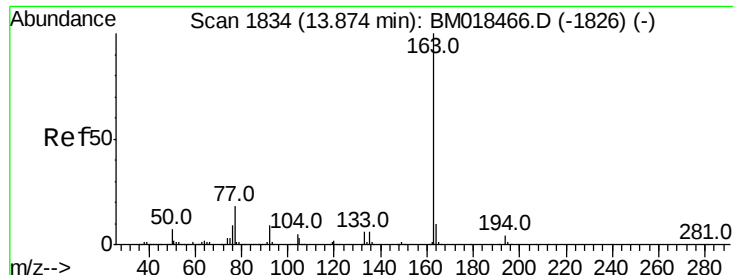
#49
Acenaphthylene
Concen: 44.753 ng
RT: 14.13 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion:152 Resp: 2782297
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.0 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): BM018466.D (-1866) (-)
Ion 151.00 (150.70 to 151.70): BM018466.D (-1866) (-)
Ion 153.00 (152.70 to 153.70): BM018466.D (-1866) (-)

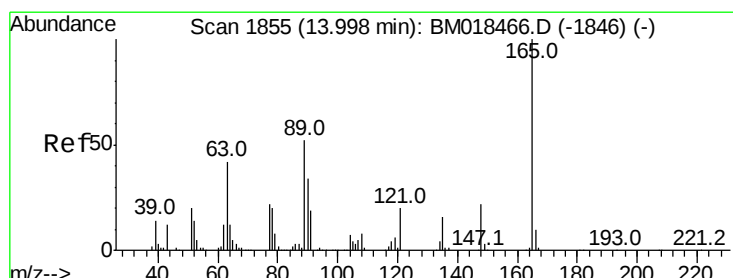
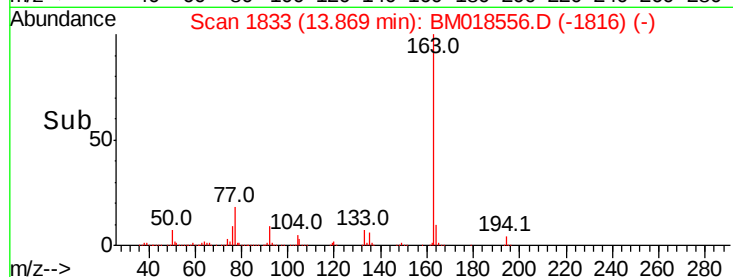
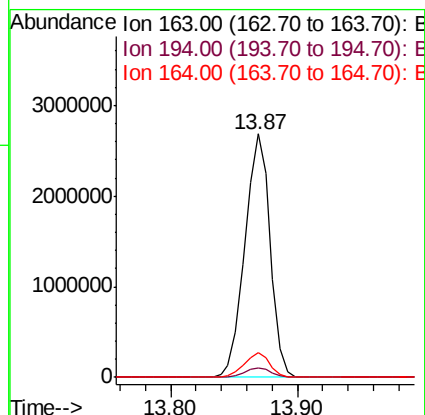
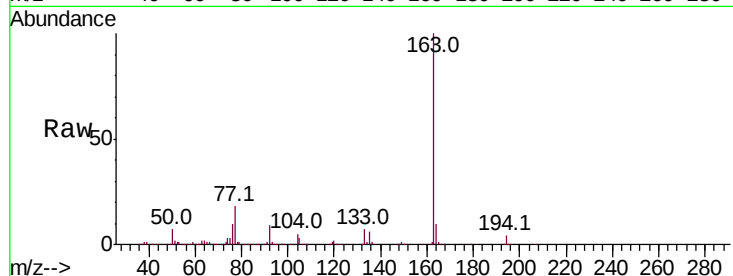




#50
Dimethylphthalate
Concen: 71.343 ng
RT: 13.87 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

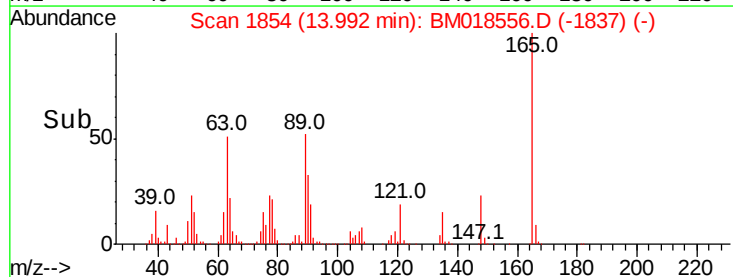
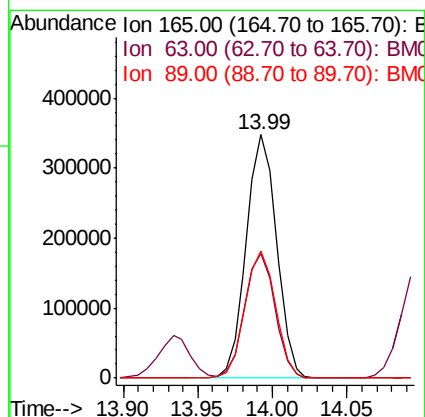
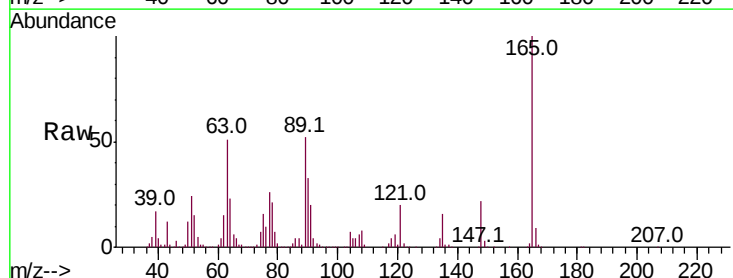
Instrument :
BNA_M
ClientSampleId :

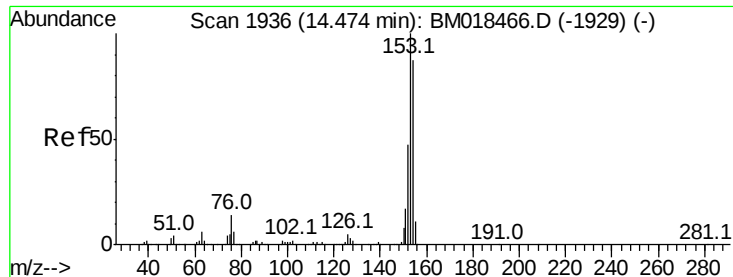
Tot Ion:163 Resp: 3691612
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 44.770 ng
RT: 13.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion:165 Resp: 490717
Ion Ratio Lower Upper
165 100
63 51.3 45.6 68.4
89 52.1 44.6 66.8





#52

Acenaphthene

Concen: 41.913 ng

RT: 14.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

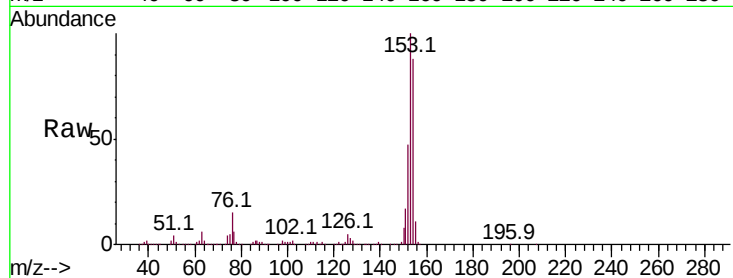
Tot Ion:154 Resp: 1594348

Ion Ratio Lower Upper

154 100

153 114.0 92.3 138.5

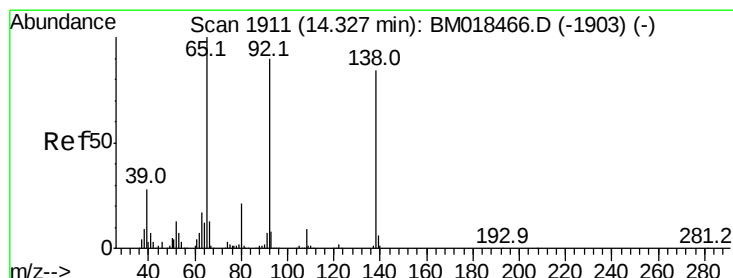
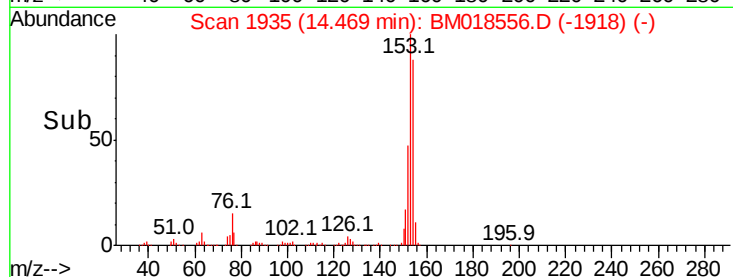
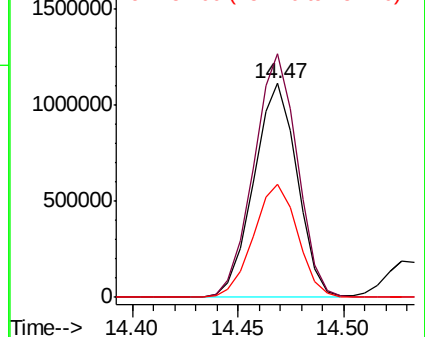
152 53.1 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 21.612 ng

RT: 14.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

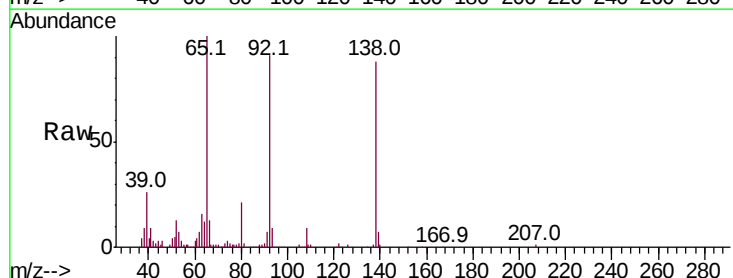
Tgt Ion:138 Resp: 238819

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

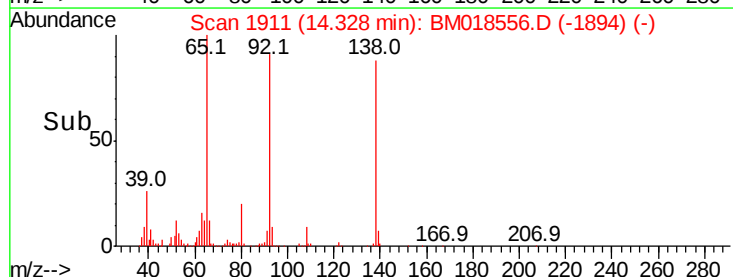
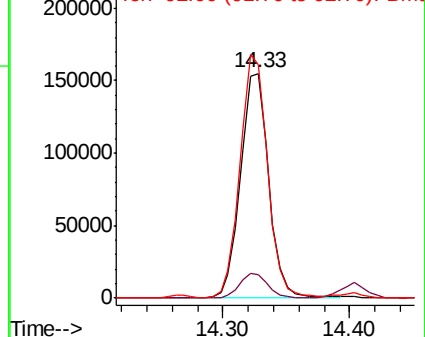
92 103.8 88.2 132.2

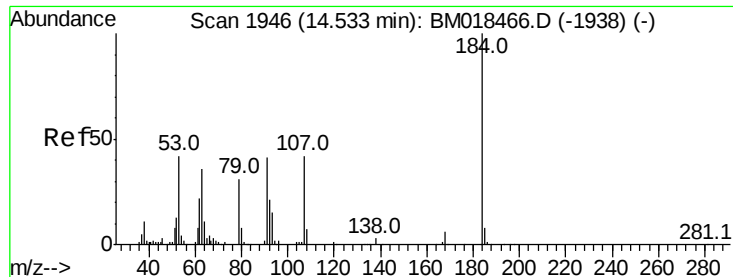


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

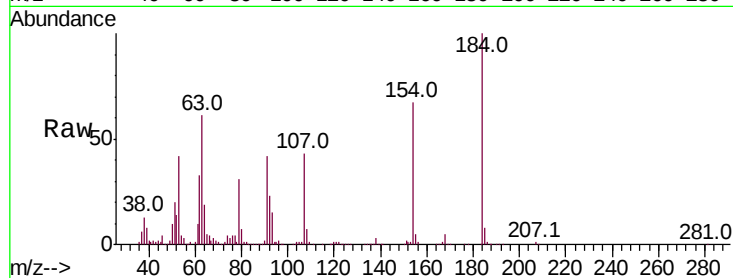




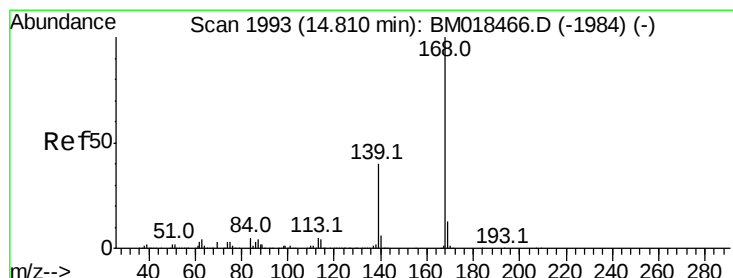
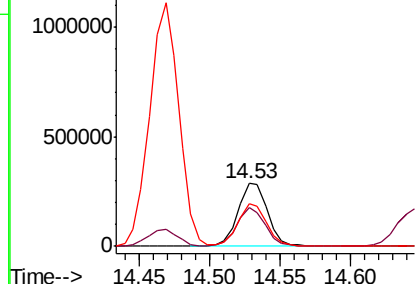
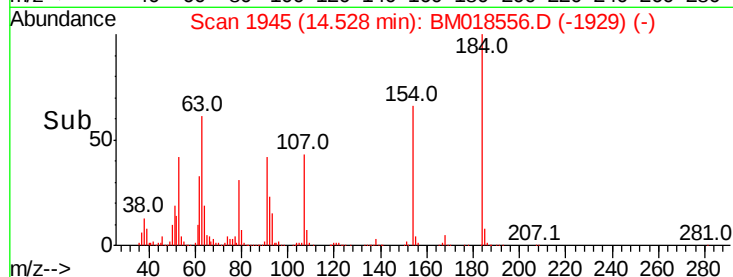
#54
2,4-Dinitrophenol
Concen: 71.600 ng
RT: 14.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:184 Resp: 419916
Ion Ratio Lower Upper
184 100
63 61.2 55.9 83.9
154 66.7 54.2 81.4

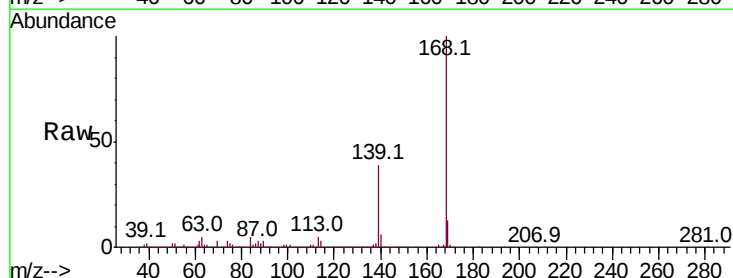


Abundance Ion 184.00 (183.70 to 184.70): E
1500000
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

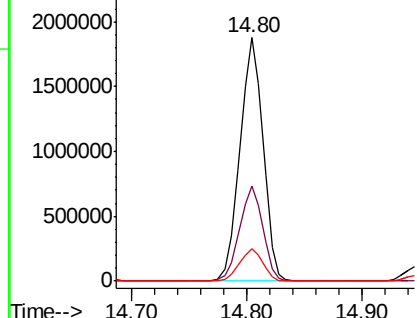
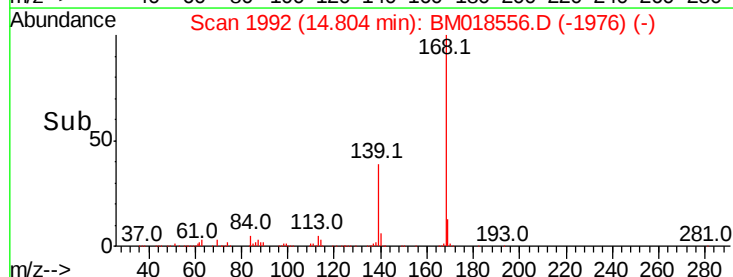


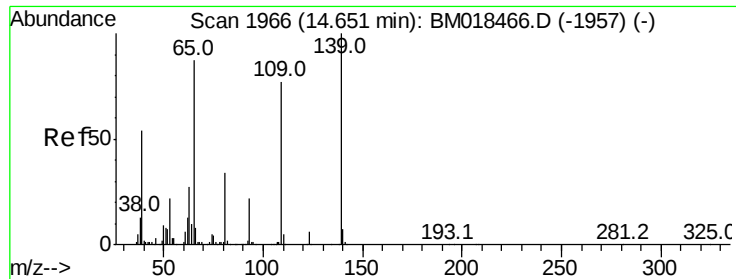
#55
Dibenzofuran
Concen: 41.377 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion:168 Resp: 2600598
Ion Ratio Lower Upper
168 100
139 39.0 30.3 45.5
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

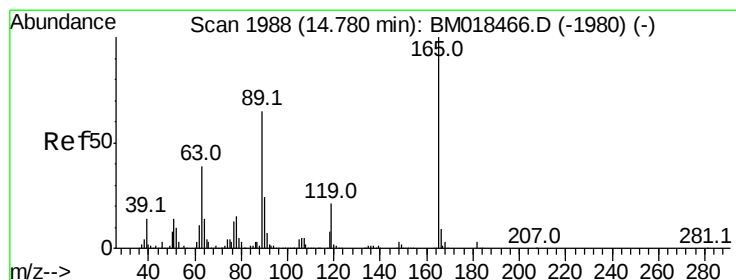
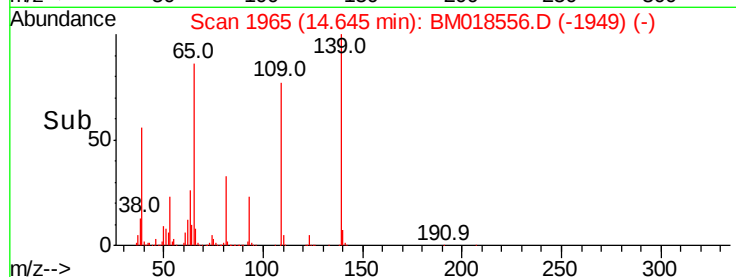
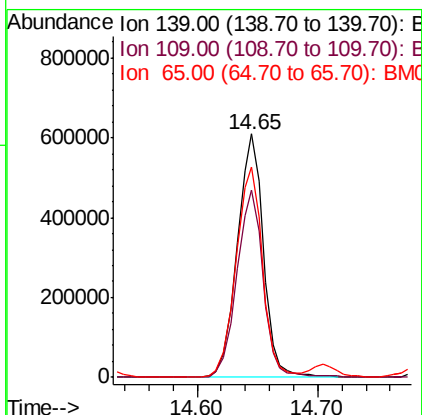
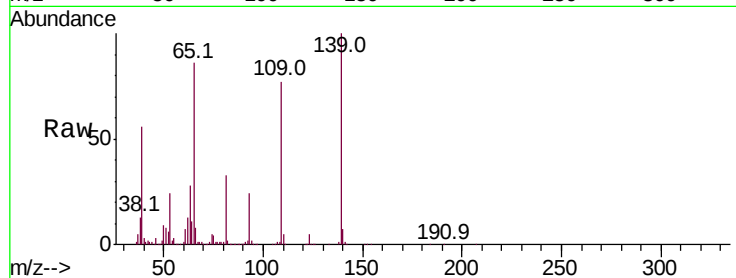




#56
4-Nitrophenol
Concen: 96.618 ng
RT: 14.65 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

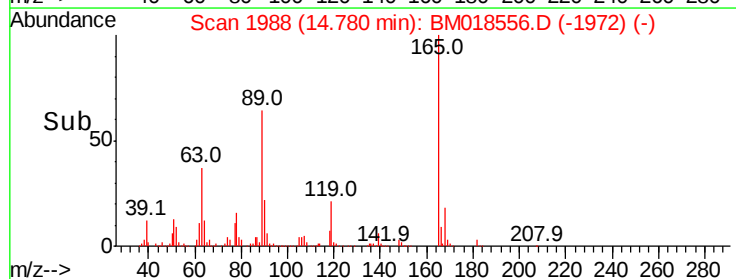
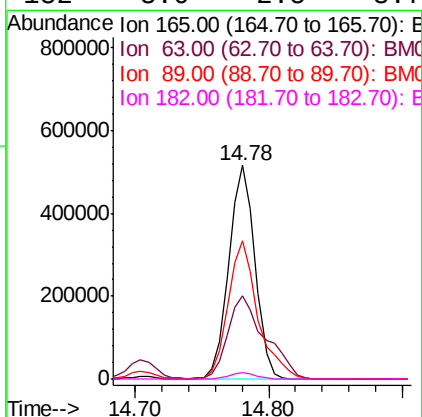
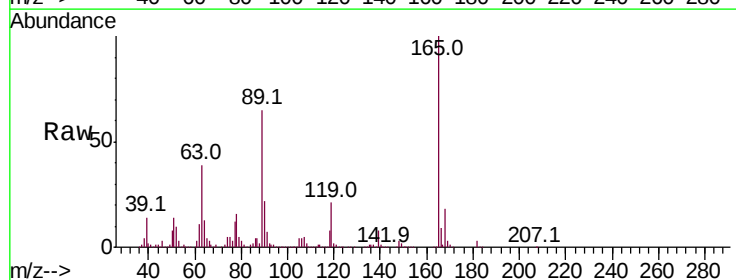
Instrument :
BNA_M
ClientSampleId :

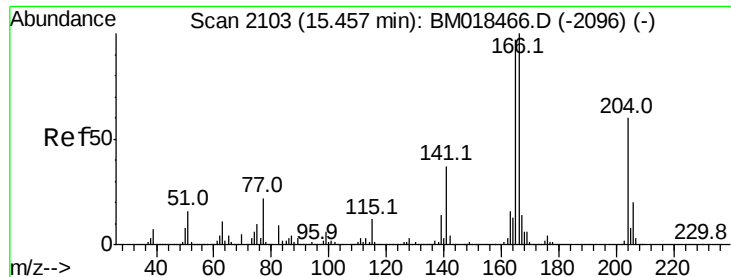
Tot Ion	Ratio	Lower	Upper
139	100		
109	76.9	51.7	91.7
65	86.2	71.4	111.4



#57
2,4-Dinitrotoluene
Concen: 45.501 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.1	32.2	48.2
89	64.5	52.1	78.1
182	3.0	2.5	3.7

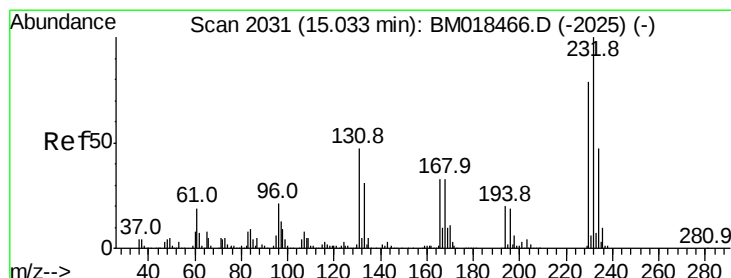
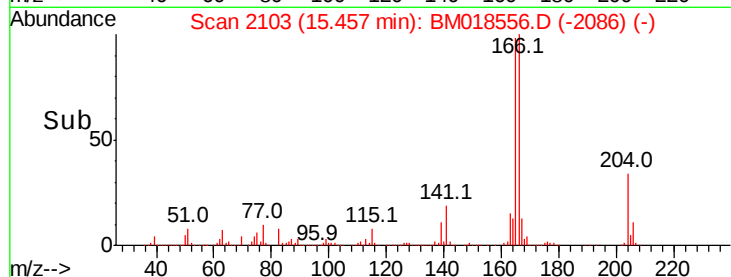
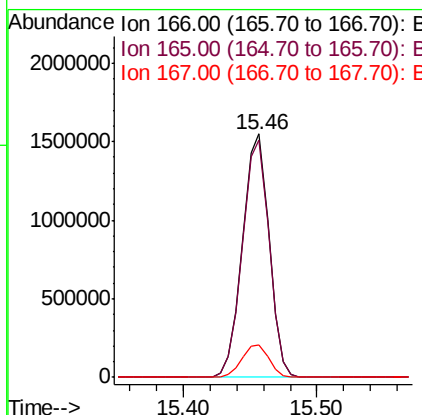
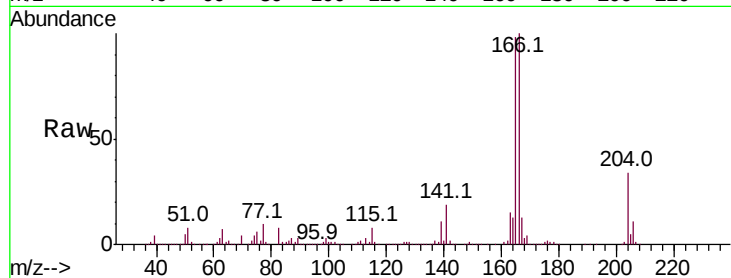




#58
 Fluorene
 Concen: 45.466 ng
 RT: 15.46 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

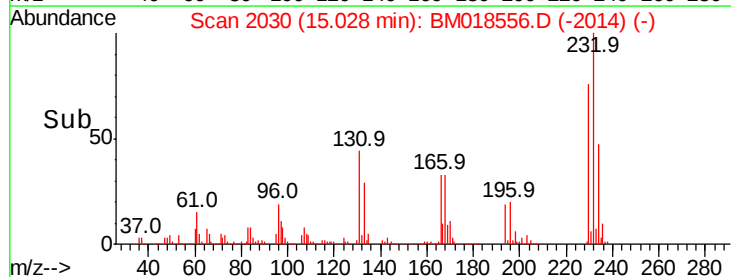
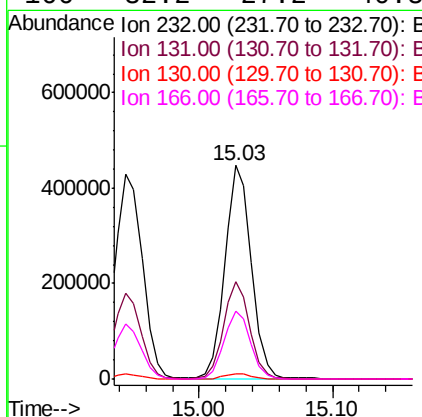
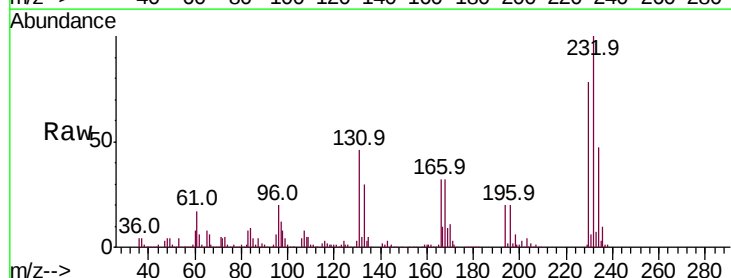
Instrument :
 BNA_M
 ClientSampleId :

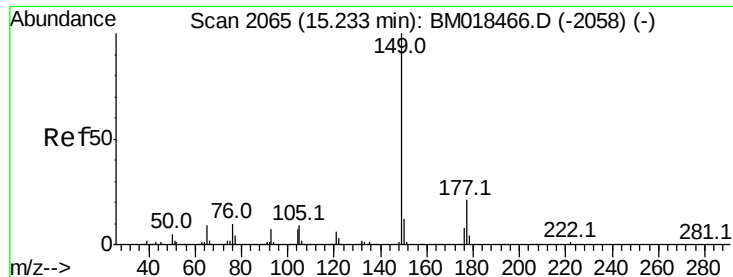
Tot Ion:166 Resp: 2128748
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.3 117.5
 167 13.1 10.9 16.3



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.461 ng
 RT: 15.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Tgt Ion:232 Resp: 616915
 Ion Ratio Lower Upper
 232 100
 131 45.4 38.6 57.8
 130 2.6 2.2 3.4
 166 32.2 27.2 40.8

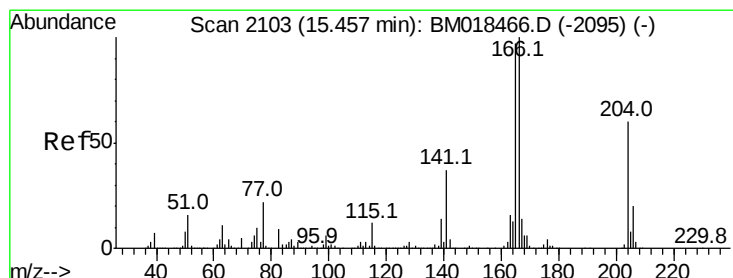
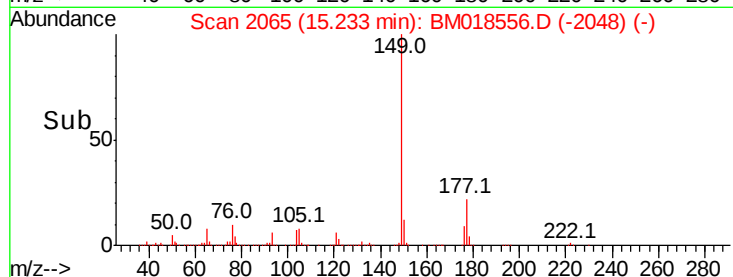
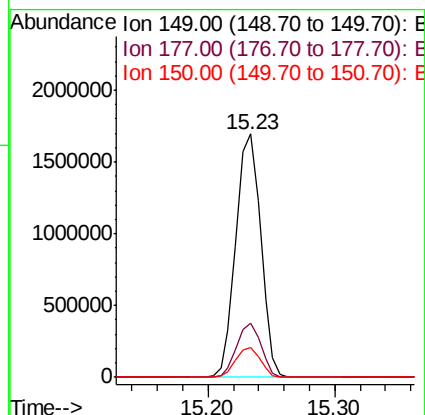
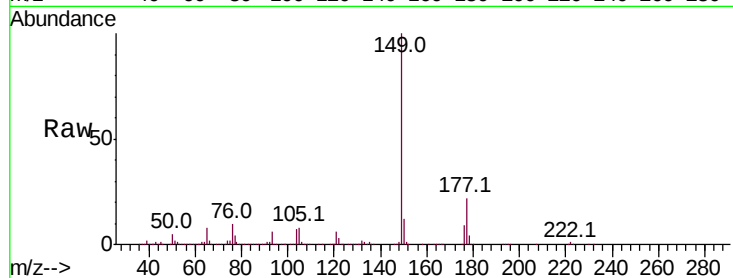




#60
Diethylphthalate
Concen: 44.064 ng
RT: 15.23 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

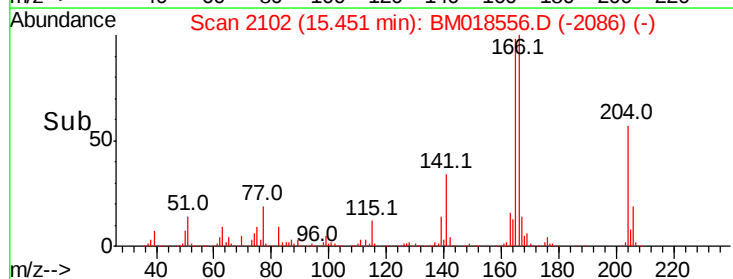
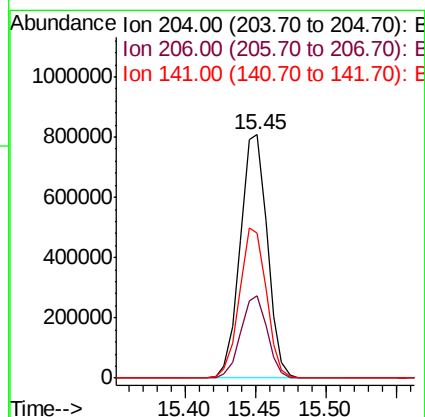
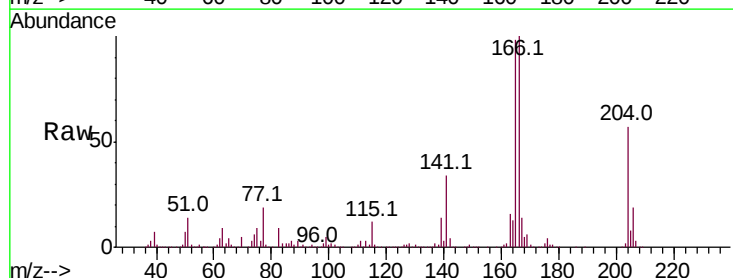
Instrument :
BNA_M
ClientSampled :

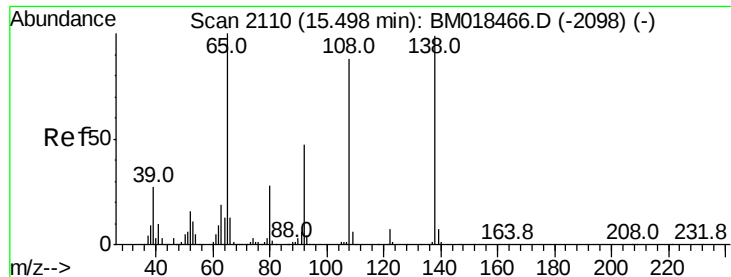
Tot Ion:149 Resp: 2301772
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.5 9.8 14.6



#61
4-Chlorophenyl-phenylether
Concen: 40.088 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion:204 Resp: 1081755
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.6
141 59.8 49.5 74.3

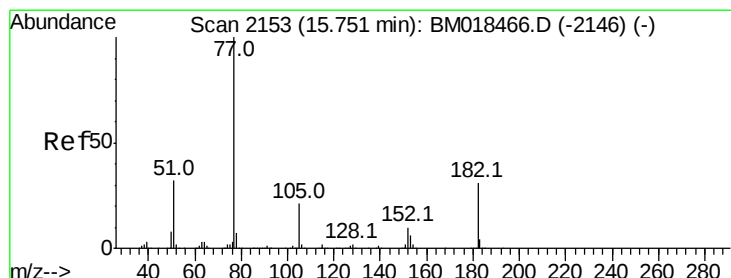
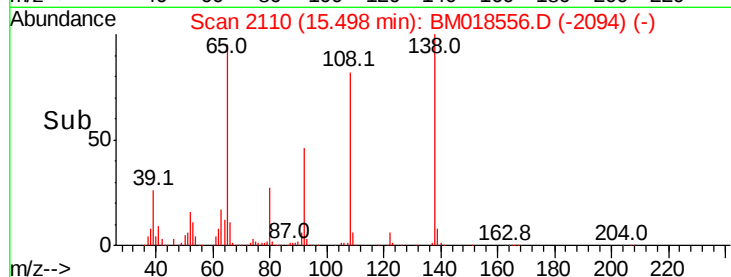
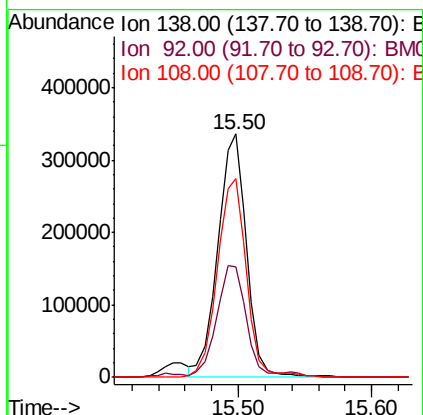
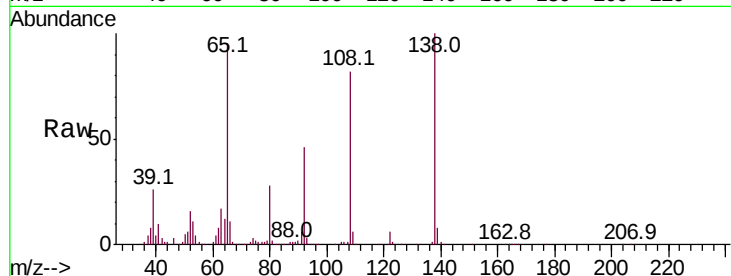




#62
4-Nitroaniline
Concen: 41.768 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

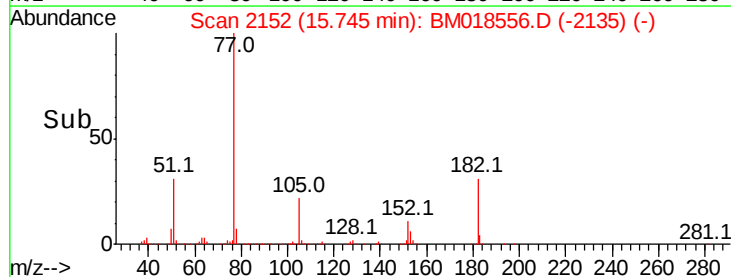
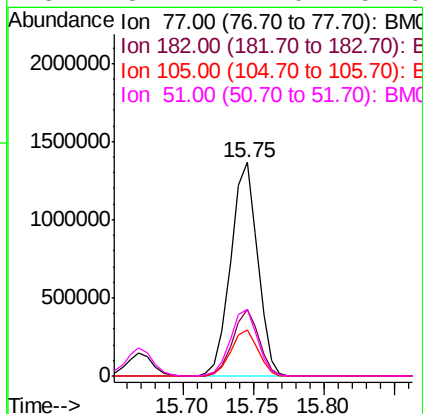
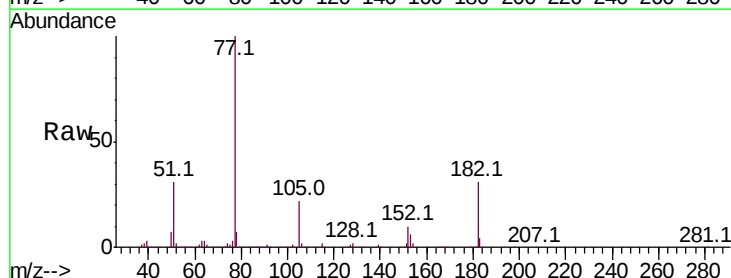
Instrument :
BNA_M
ClientSampleId :

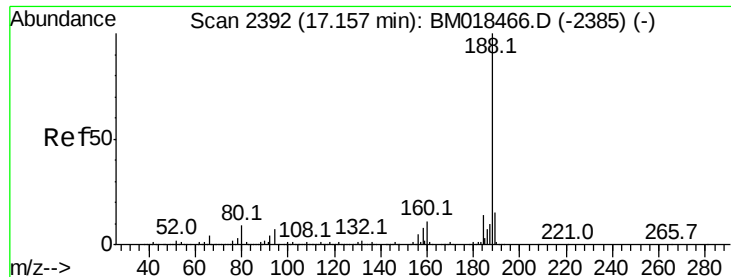
Tot Ion:138 Resp: 503432
Ion Ratio Lower Upper
138 100
92 45.6 29.0 69.0
108 81.9 63.9 103.9



#63
Azobenzene
Concen: 42.423 ng
RT: 15.75 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion: 77 Resp: 1806780
Ion Ratio Lower Upper
77 100
182 31.2 7.4 47.4
105 21.5 0.0 39.6
51 31.2 12.0 52.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampled :

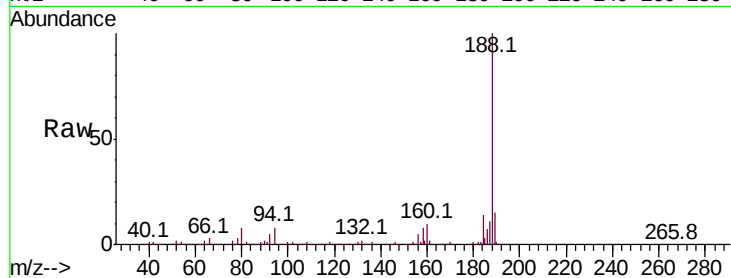
Tot Ion:188 Resp: 1465832

Ion Ratio Lower Upper

188 100

94 7.8 7.1 10.7

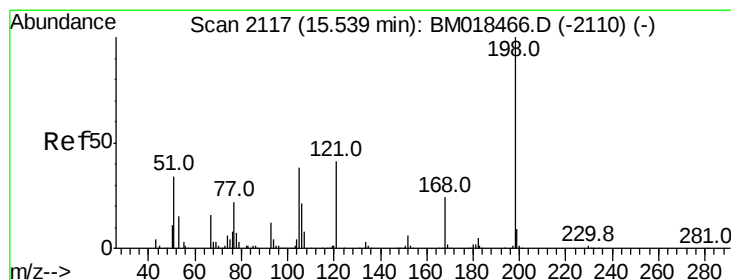
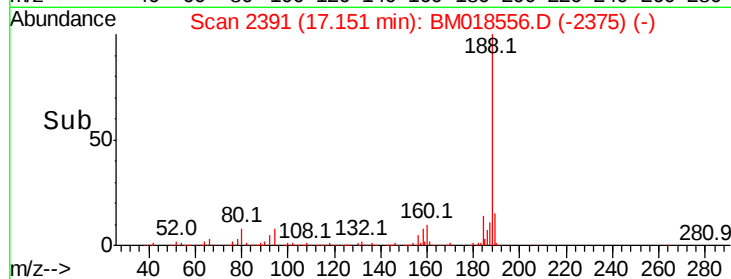
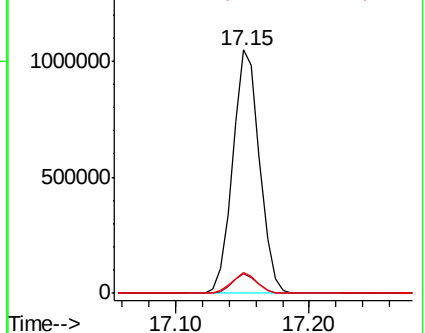
80 8.3 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

4,6-Dinitro-2-methylphenol

Concen: 42.020 ng

RT: 15.54 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

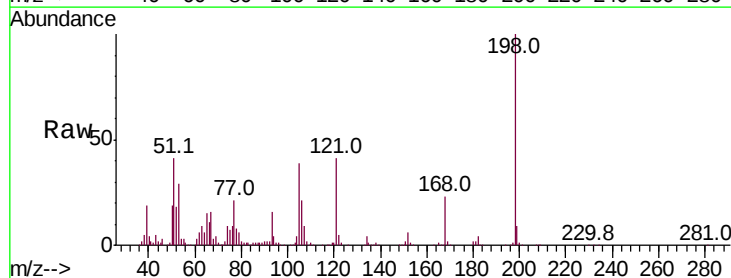
Tgt Ion:198 Resp: 385529

Ion Ratio Lower Upper

198 100

51 40.9 29.6 69.6

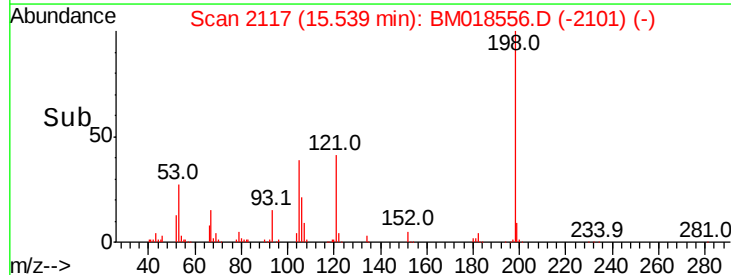
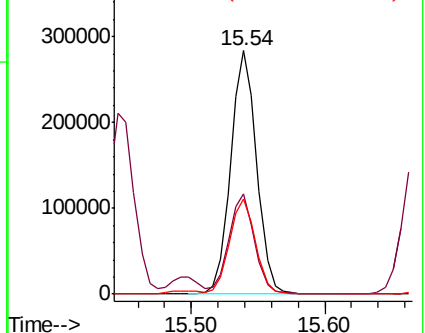
105 39.1 25.5 65.5

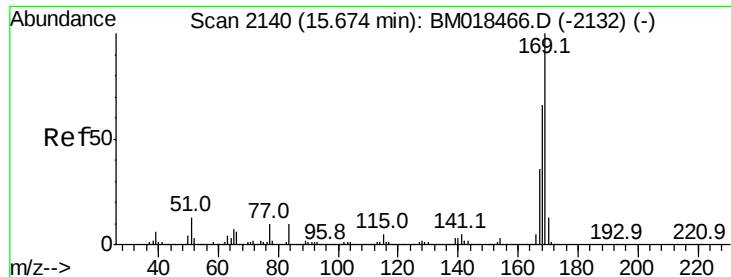


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

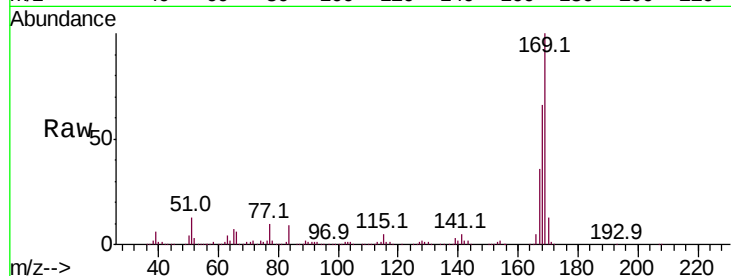




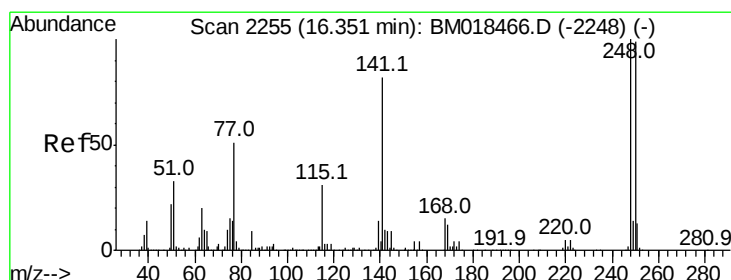
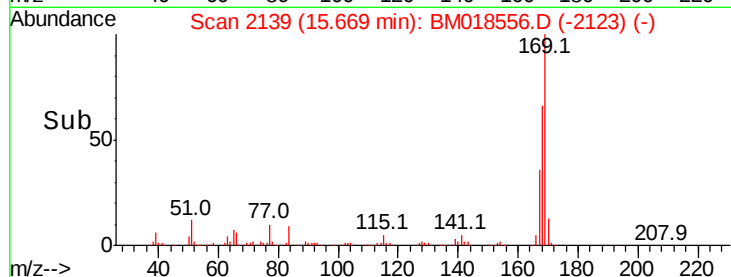
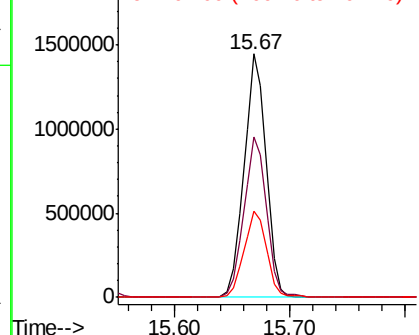
#66
 n-Nitrosodiphenylamine
 Concen: 41.856 ng
 RT: 15.67 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:169 Resp: 1903169
 Ion Ratio Lower Upper
 169 100
 168 65.8 54.1 81.1
 167 35.5 28.6 42.8

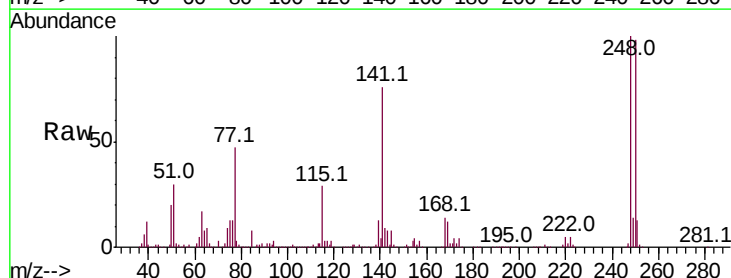


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

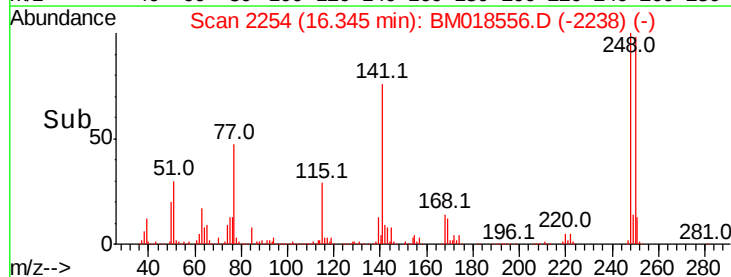
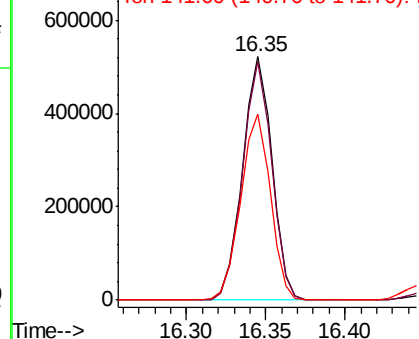


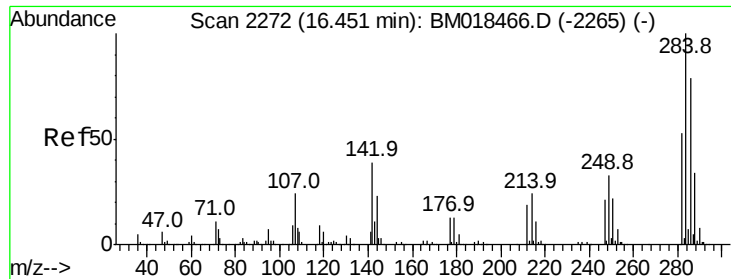
#67
 4-Bromophenyl-phenylether
 Concen: 41.014 ng
 RT: 16.35 min Scan# 2254
 Delta R.T. -0.01 min
 Lab File: BM018556.D
 Acq: 14 Jan 2019 17:59

Tgt Ion:248 Resp: 672775
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.0 114.0
 141 76.5 61.5 92.3



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#68

Hexachlorobenzene

Concen: 40.747 ng

RT: 16.45 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

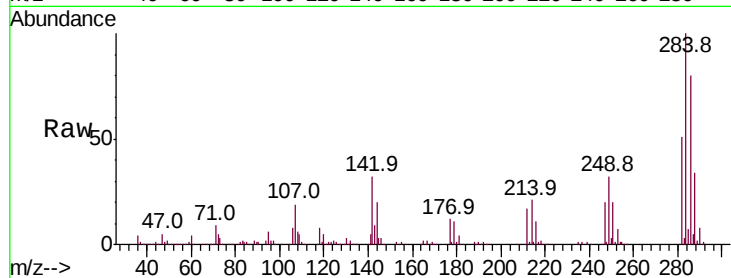
Tot Ion:284 Resp: 748262

Ion Ratio Lower Upper

284 100

142 32.3 29.2 43.8

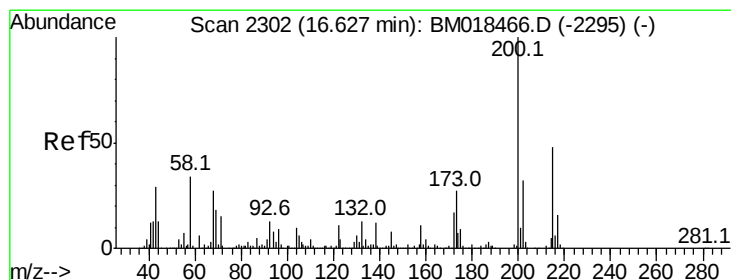
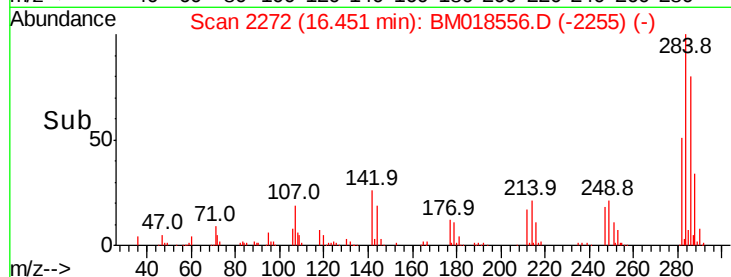
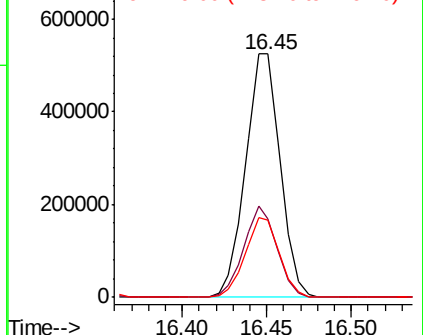
249 31.6 26.1 39.1



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 44.189 ng

RT: 16.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

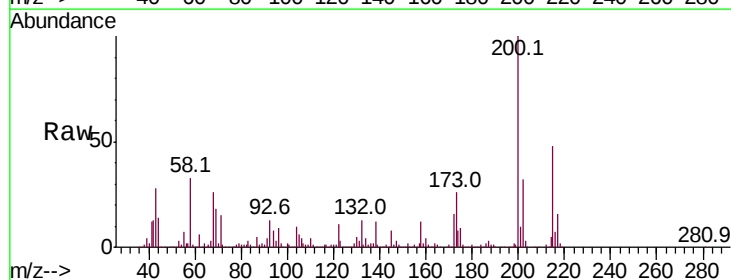
Tgt Ion:200 Resp: 726369

Ion Ratio Lower Upper

200 100

173 25.8 7.2 47.2

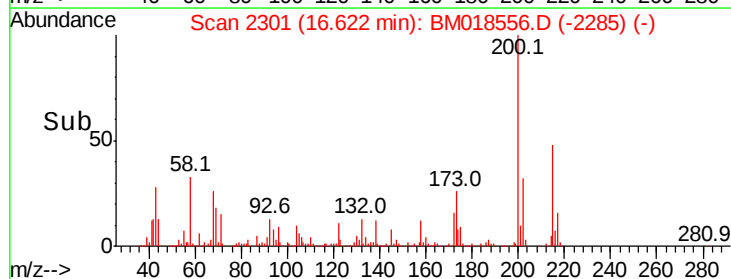
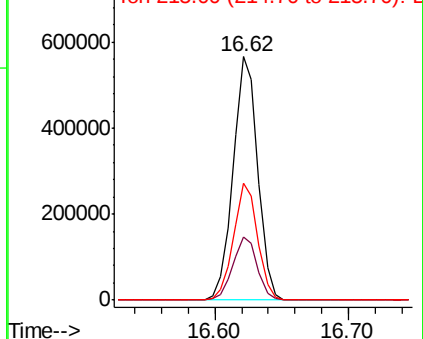
215 48.0 28.3 68.3

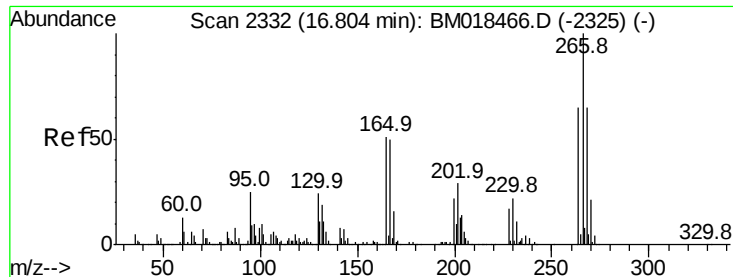


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 79.888 ng

RT: 16.80 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampled :

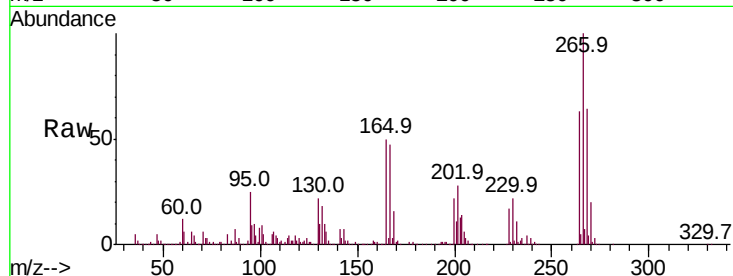
Tot Ion:266 Resp: 960783

Ion Ratio Lower Upper

266 100

268 63.8 49.8 74.6

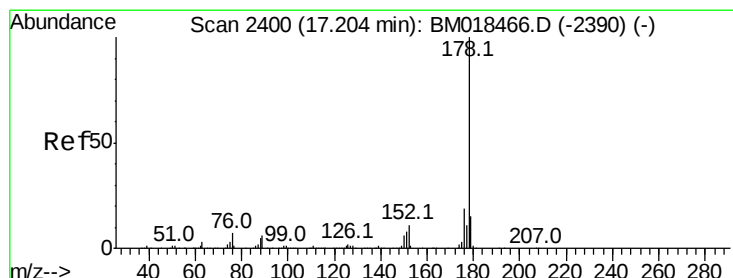
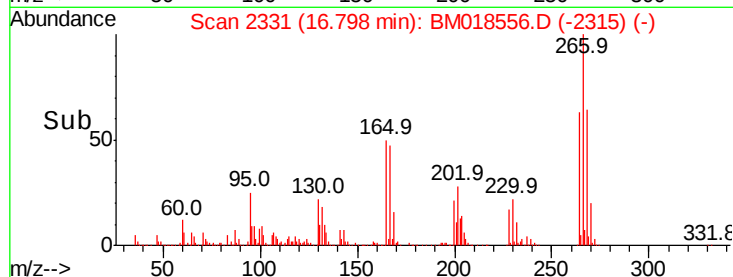
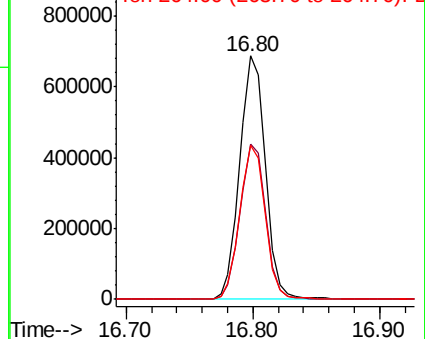
264 63.4 50.1 75.1



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: 44.670 ng

RT: 17.20 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

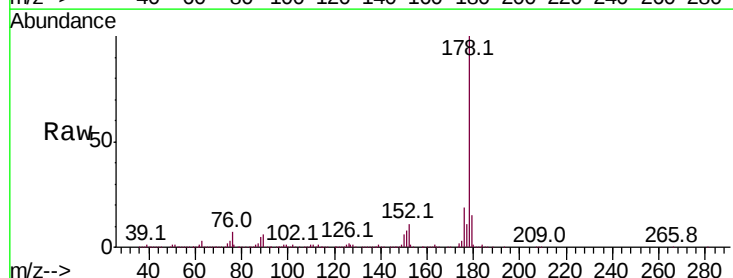
Tgt Ion:178 Resp: 3482800

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

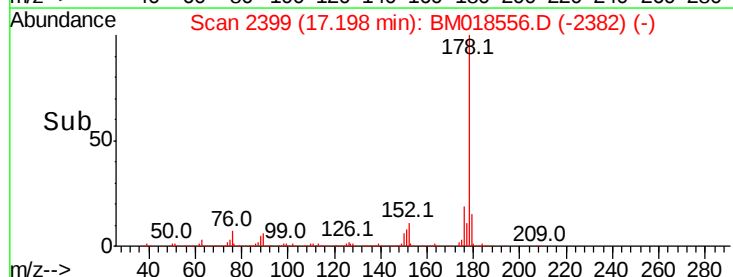
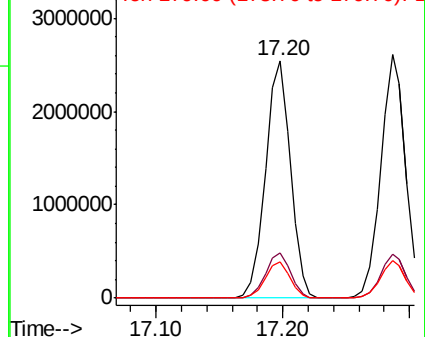
179 15.2 12.2 18.4

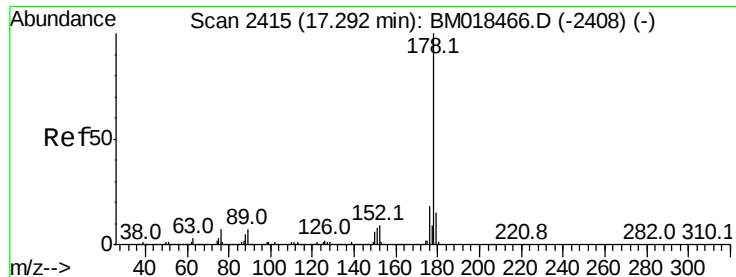


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 47.150 ng

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

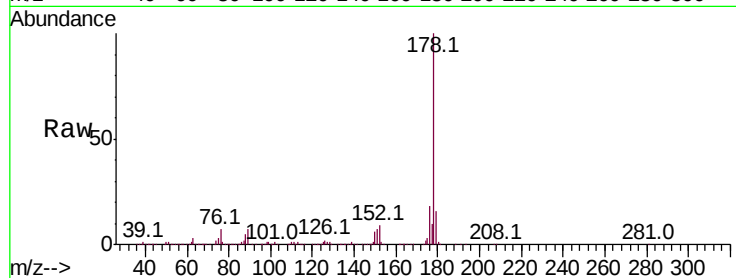
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 3535029

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.5	12.2	18.4

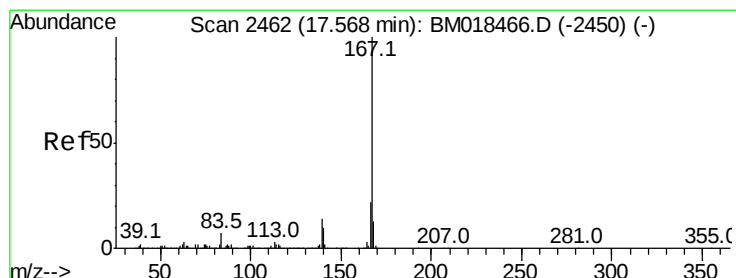
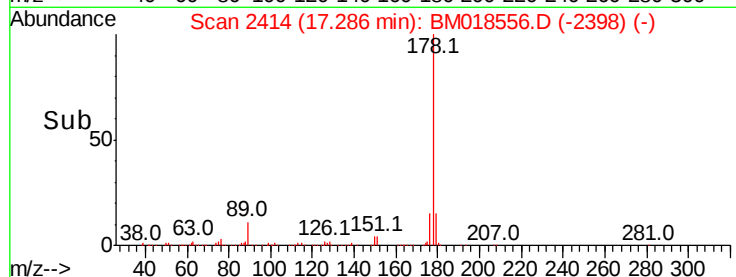
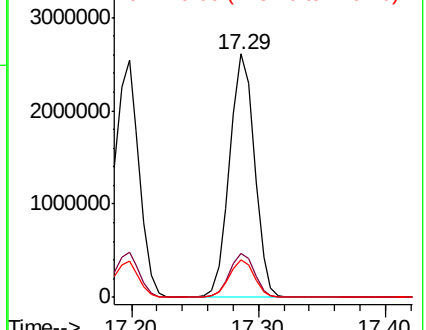


Abundance

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: 42.019 ng

RT: 17.56 min Scan# 2461

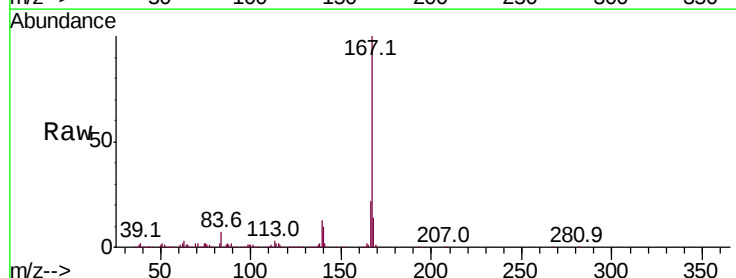
Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tgt Ion:167 Resp: 3236586

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	13.4	10.6	16.0

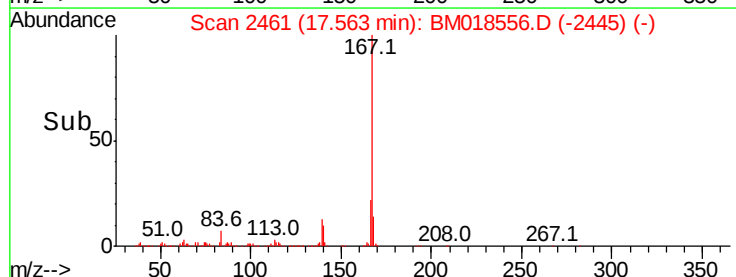
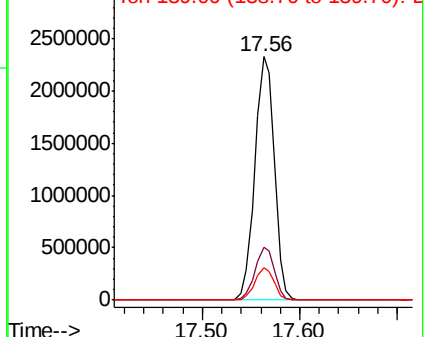


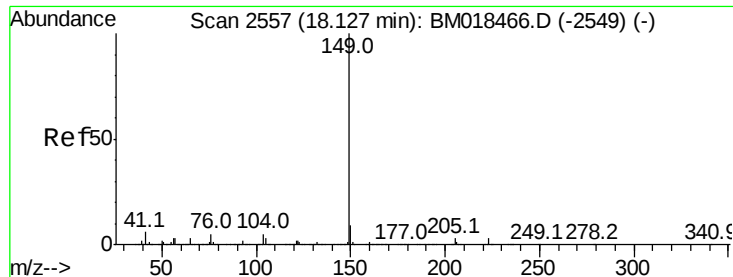
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 47.477 ng

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

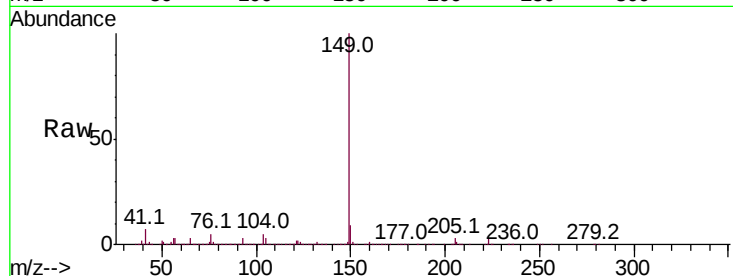
Tot Ion:149 Resp: 4005829

Ion Ratio Lower Upper

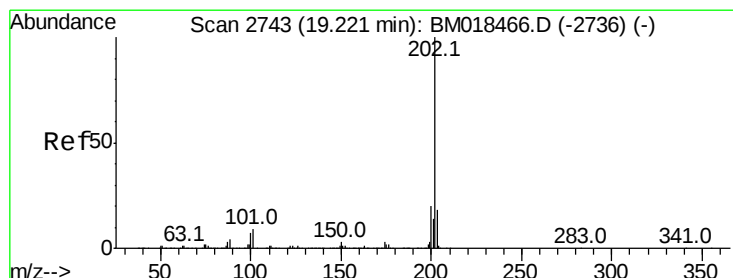
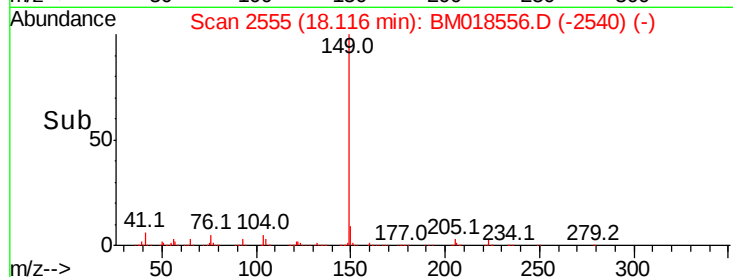
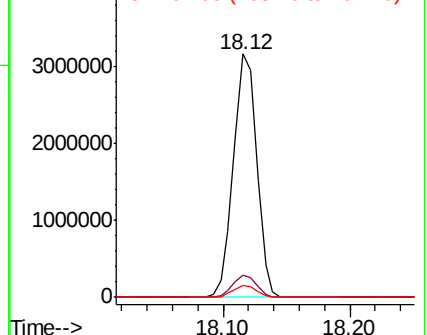
149 100

150 9.2 7.3 10.9

104 5.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 46.725 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

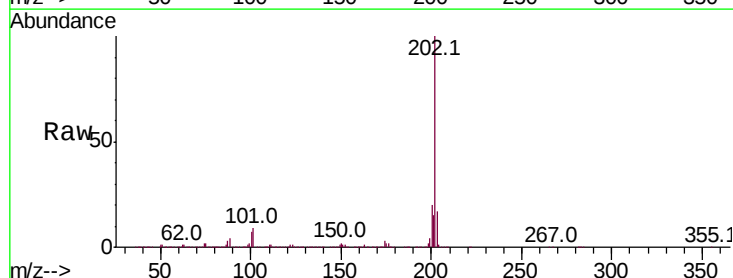
Tgt Ion:202 Resp: 4200122

Ion Ratio Lower Upper

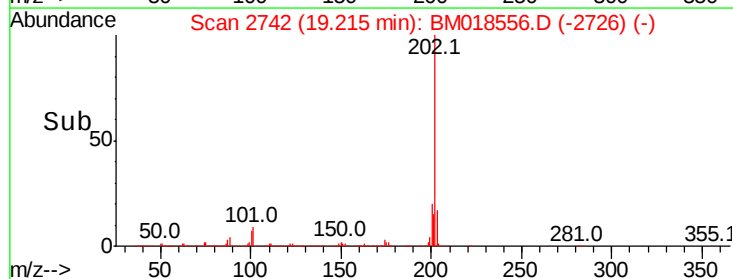
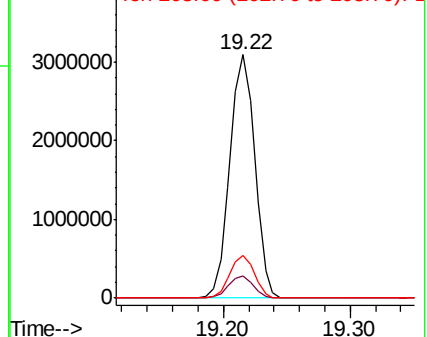
202 100

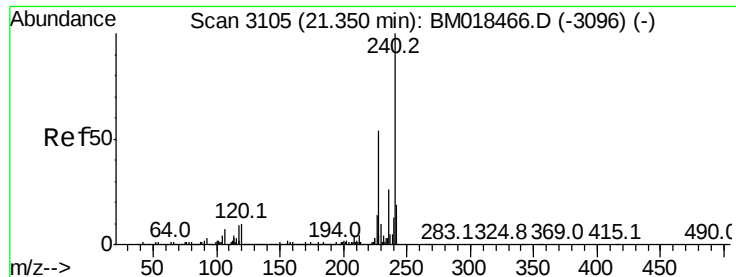
101 8.9 0.0 30.9

203 17.4 0.0 37.4



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

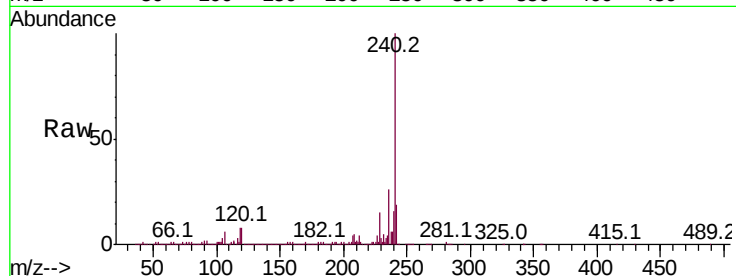
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1657860

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.4	12.6
236	25.5	20.7	31.1

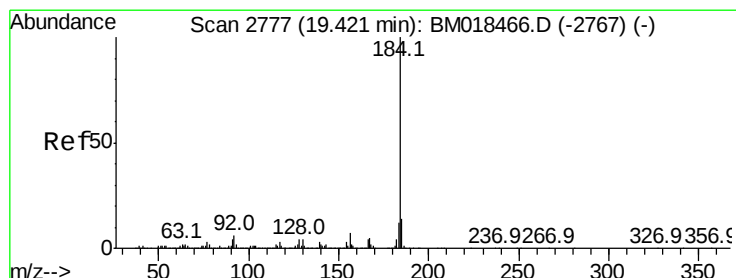
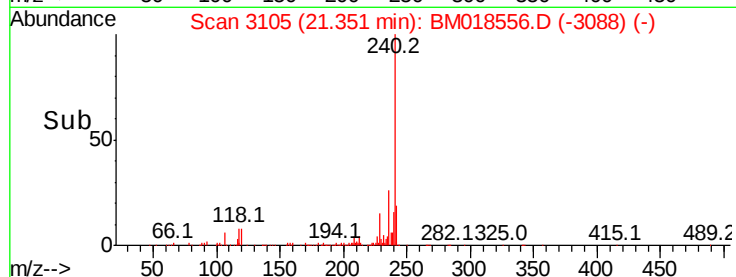
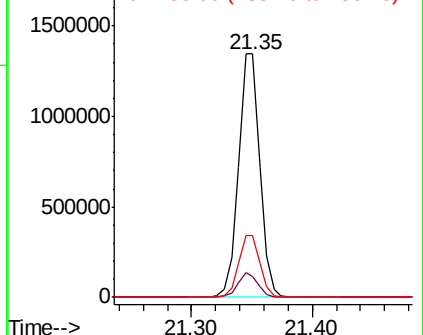


Abundance

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: 43.015 ng

RT: 19.41 min Scan# 2775

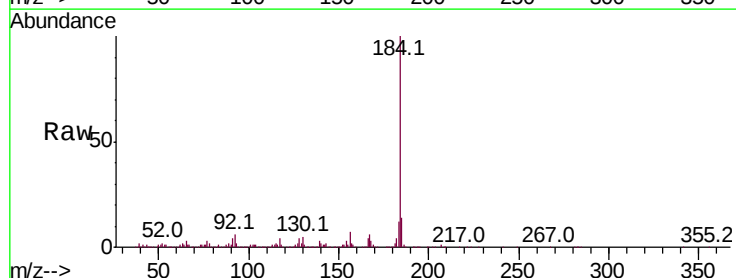
Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tgt Ion:184 Resp: 1760822

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.4	17.0
183	11.9	9.5	14.3

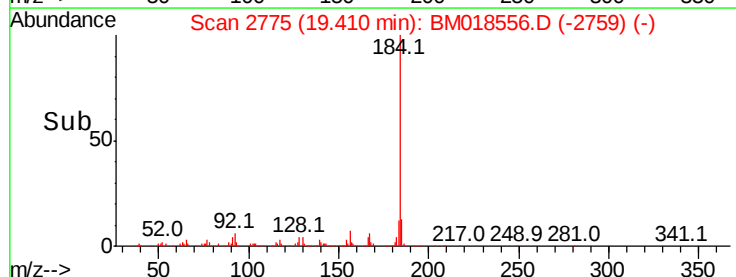
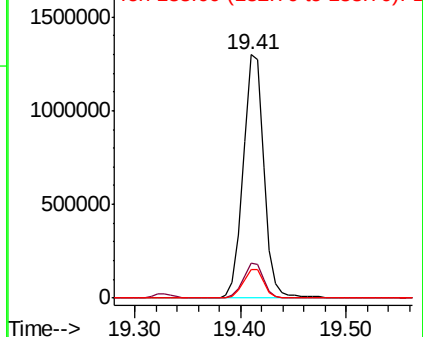


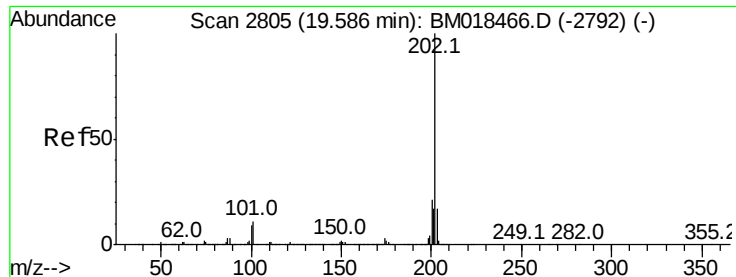
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 43.420 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

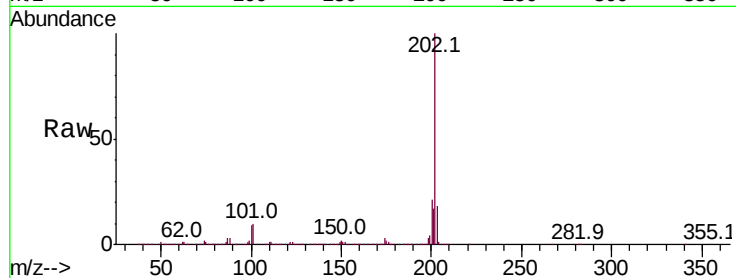
Tot Ion:202 Resp: 4266886

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	17.7	13.8	20.8

202 100

200 20.8 16.6 24.8

203 17.7 13.8 20.8

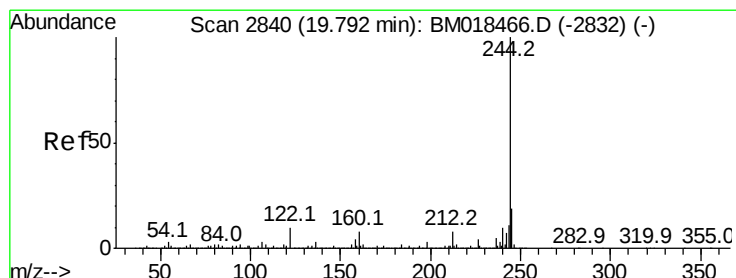
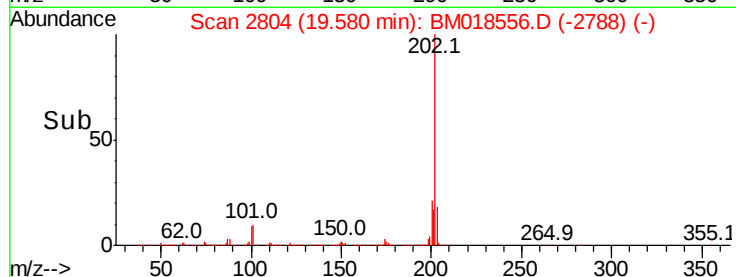
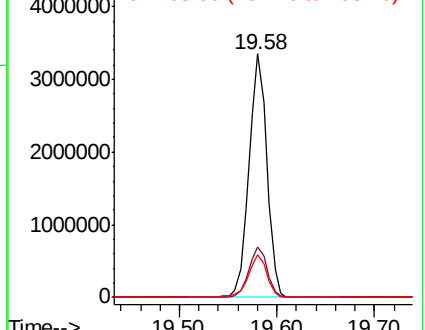


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 114.359 ng

RT: 19.79 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

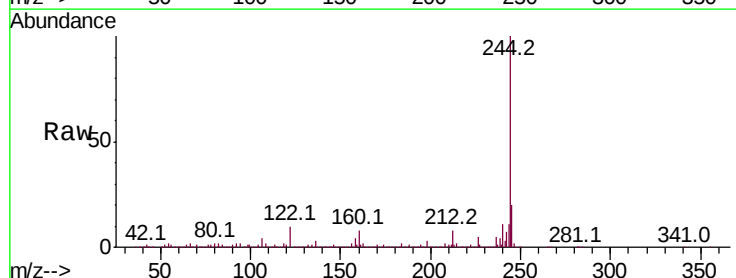
Tgt Ion:244 Resp: 8993719

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.1	9.0	13.4

244 100

212 7.9 5.9 8.9

122 10.1 9.0 13.4

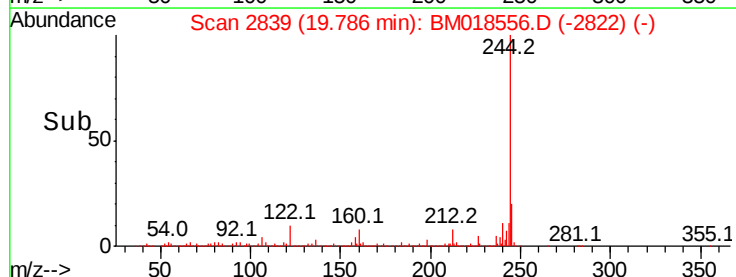
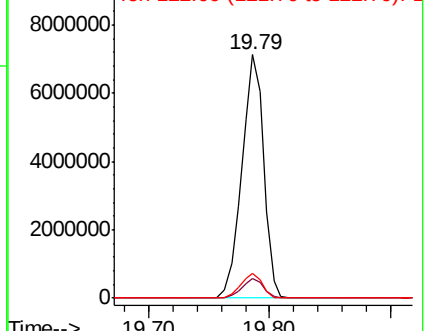


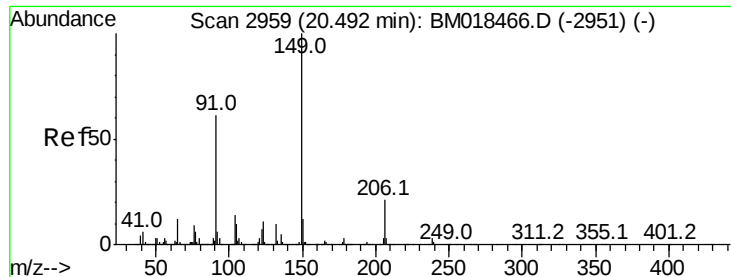
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

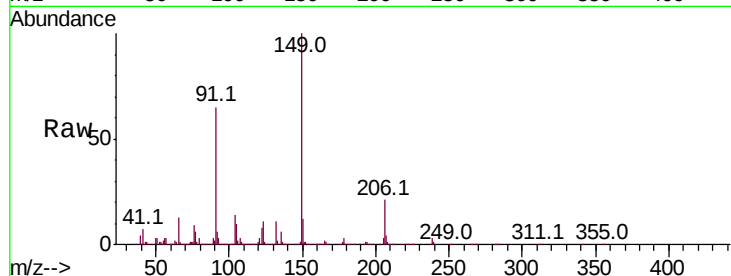




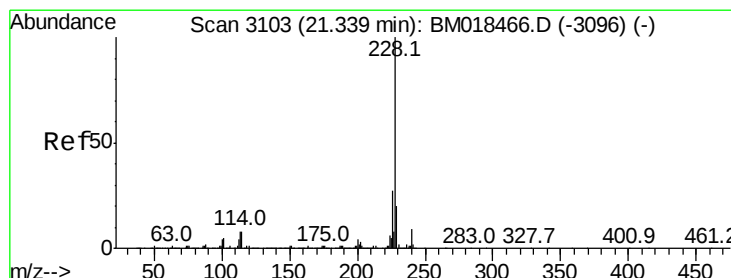
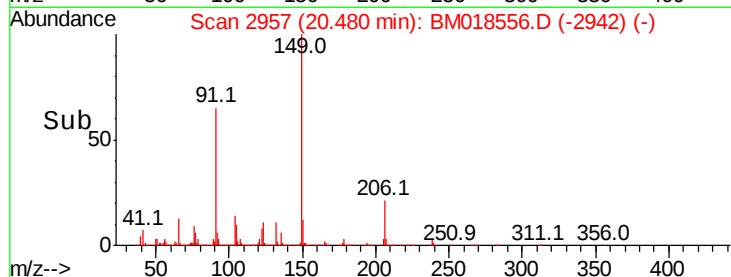
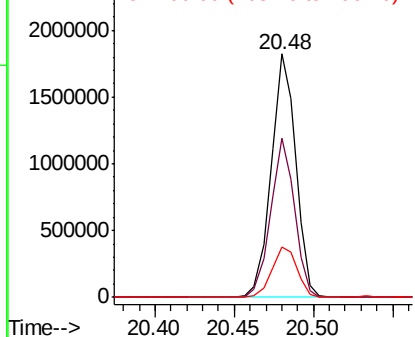
#80
Butylbenzylphthalate
Concen: 46.869 ng
RT: 20.48 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 1965348
Ion Ratio Lower Upper
149 100
91 65.5 53.1 79.7
206 20.8 16.2 24.4

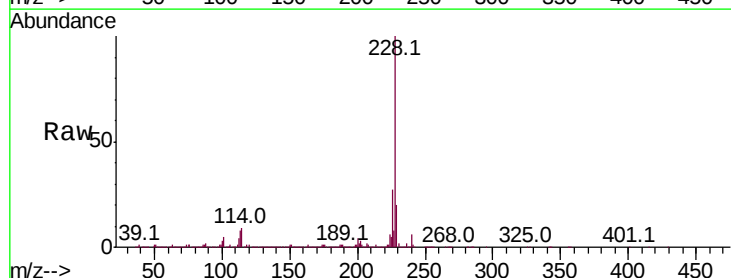


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

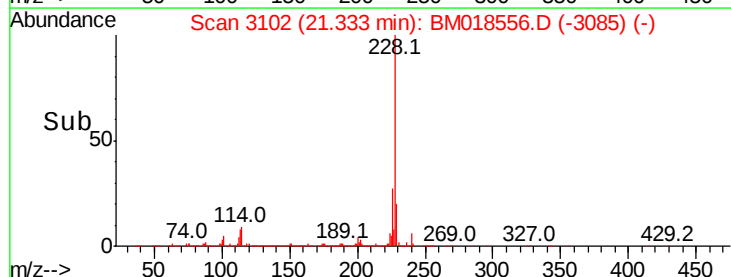
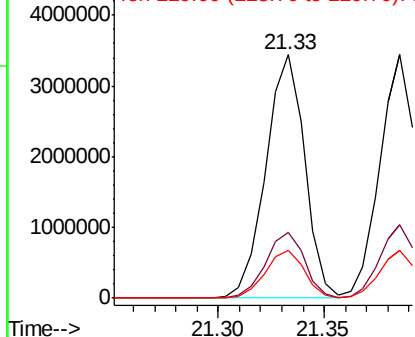


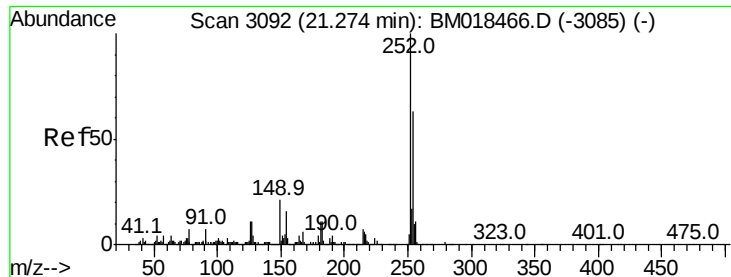
#81
Benzo(a)anthracene
Concen: 45.122 ng
RT: 21.33 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM018556.D
Acq: 14 Jan 2019 17:59

Tgt Ion:228 Resp: 4406915
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.6
229 19.7 15.8 23.8



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: 23.780 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

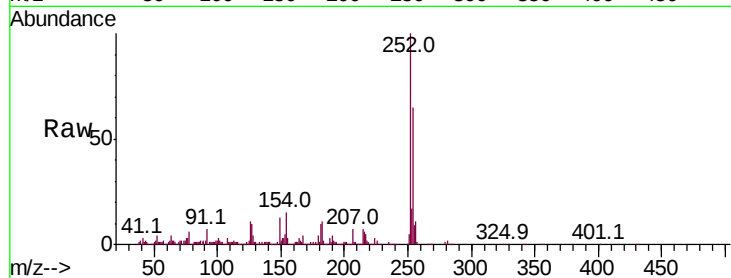
Tot Ion:252 Resp: 878246

Ion Ratio Lower Upper

252 100

254 65.2 51.4 77.0

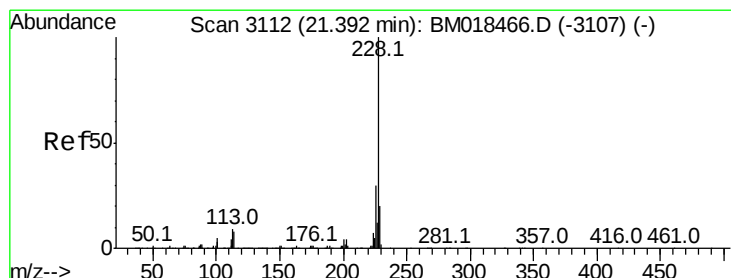
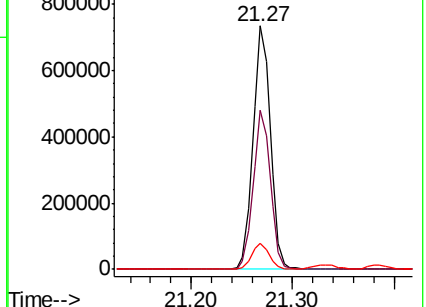
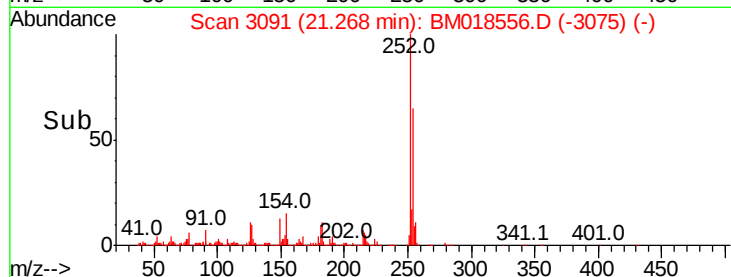
126 10.8 8.7 13.1



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: 43.602 ng

RT: 21.39 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

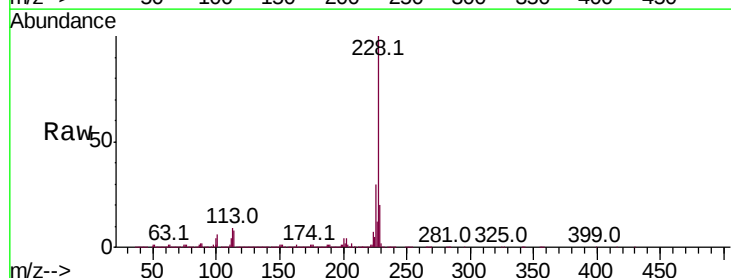
Tgt Ion:228 Resp: 4112181

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

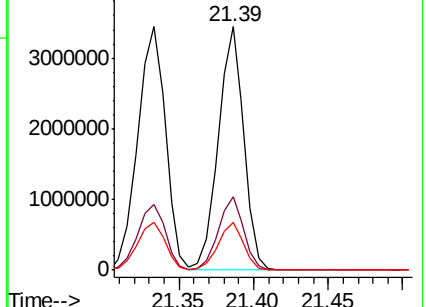
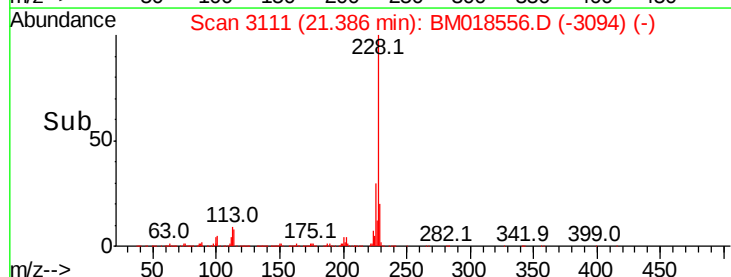
229 19.8 15.6 23.4

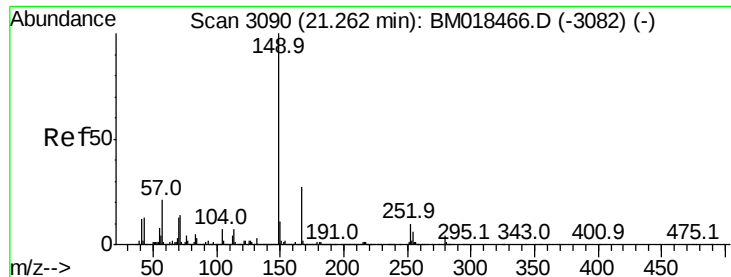


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 46.978 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

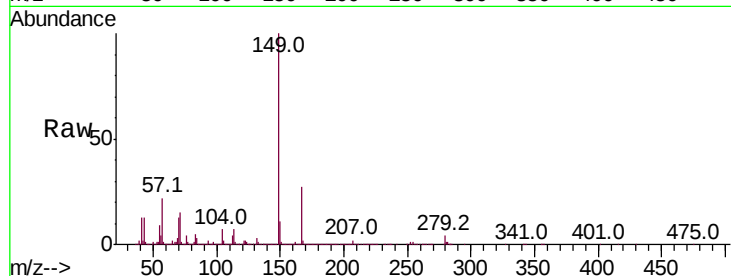
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 2844585

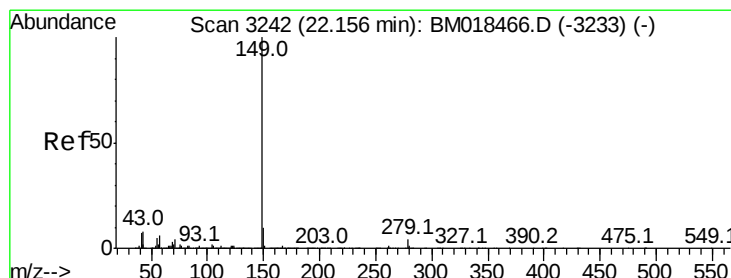
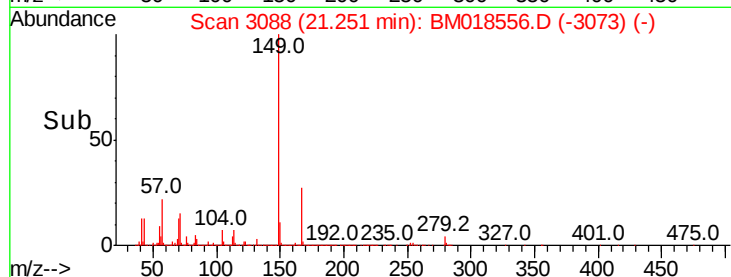
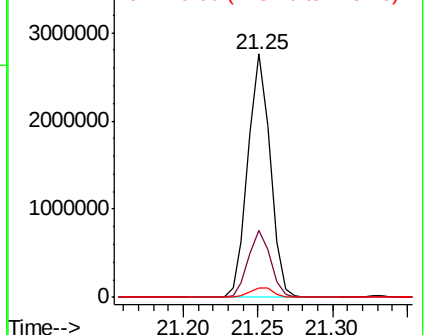
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.6	32.4
279	4.0	3.3	4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 49.532 ng

RT: 22.14 min Scan# 3240

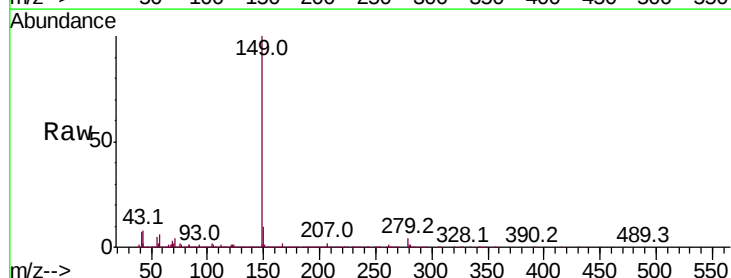
Delta R.T. -0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Tgt Ion:149 Resp: 5044377

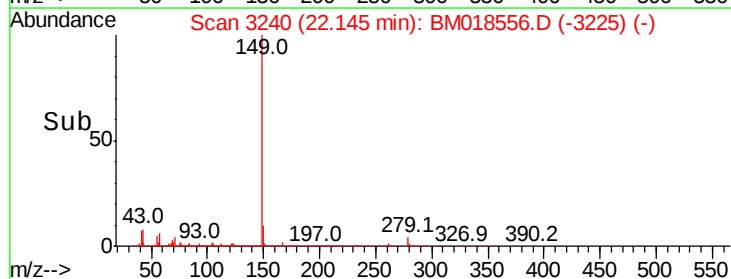
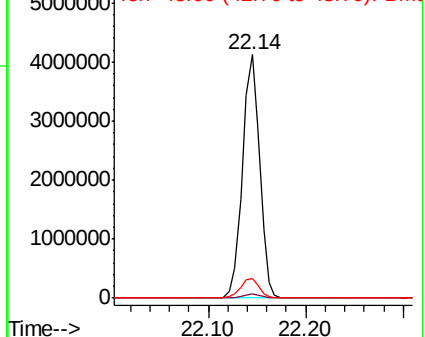
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	8.6	12.8

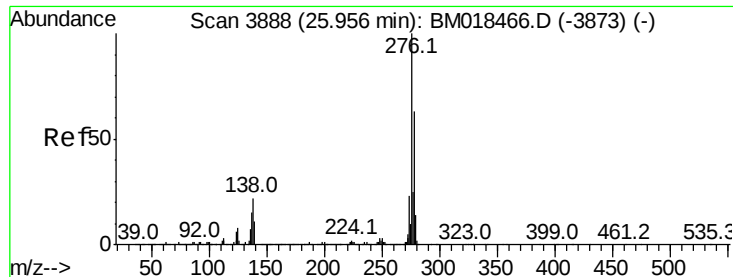


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#86

Indeno(1,2,3-cd)pyrene

Concen: 48.507 ng

RT: 25.96 min Scan# 3888

Delta R.T. 0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

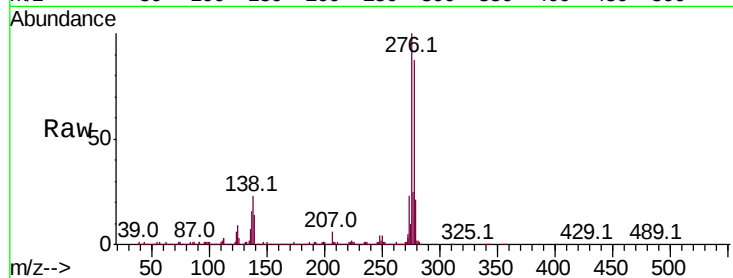
Tot Ion:276 Resp: 5275233

Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.5	32.3
277	25.1	20.2	30.2

276 100

138 23.3 21.5 32.3

277 25.1 20.2 30.2

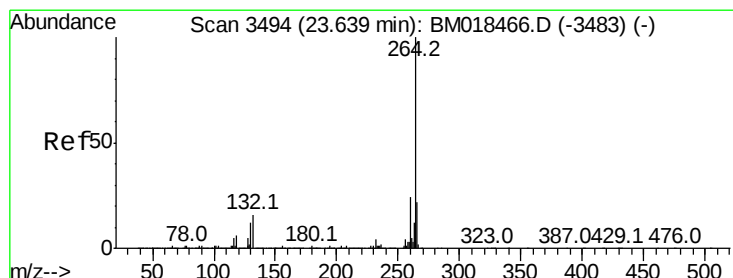
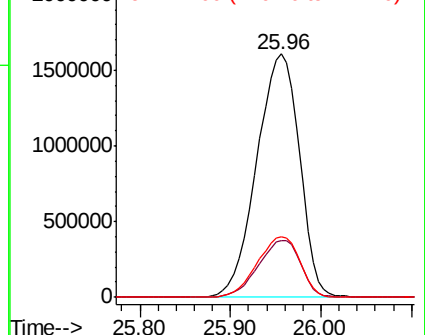
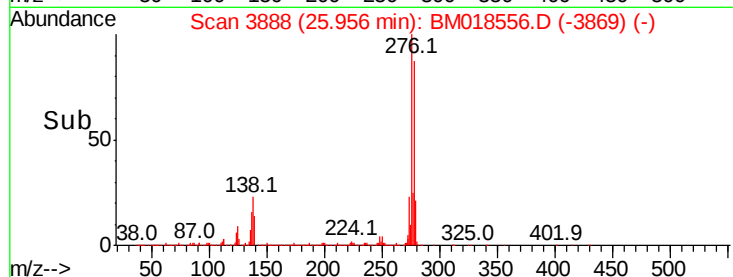


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

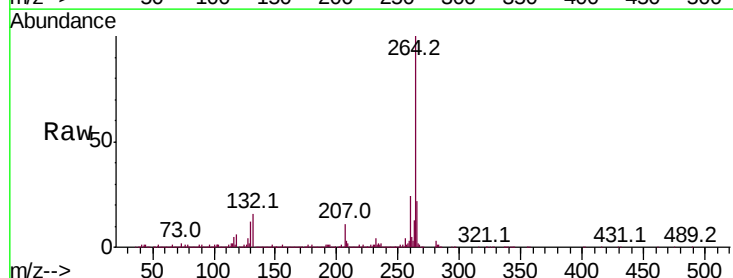
Tgt Ion:264 Resp: 1764857

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.9	16.8	25.2

264 100

260 23.5 18.9 28.3

265 21.9 16.8 25.2

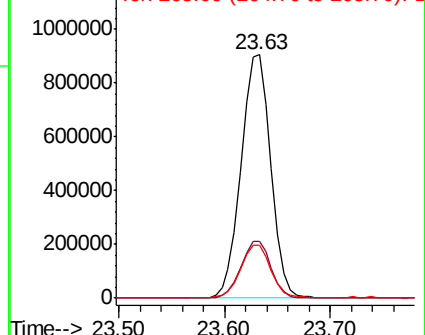
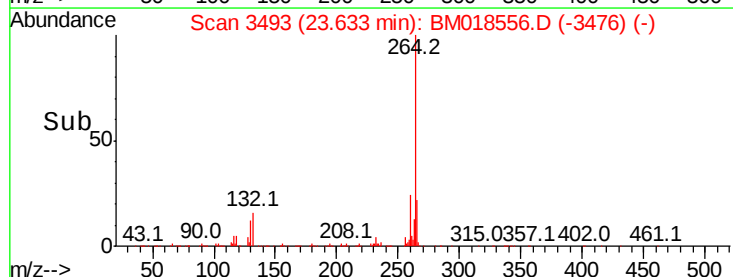


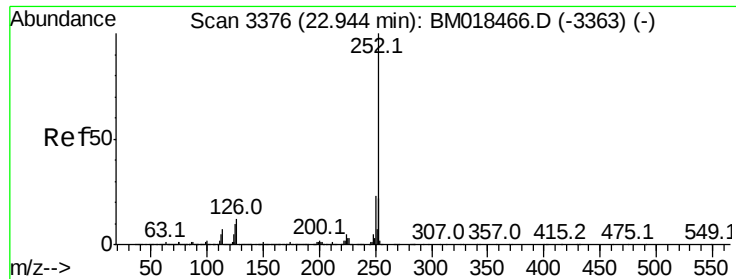
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 44.939 ng

RT: 22.94 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

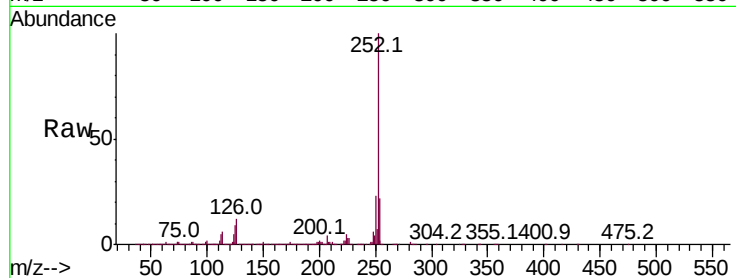
Tot Ion:252 Resp: 4502684

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

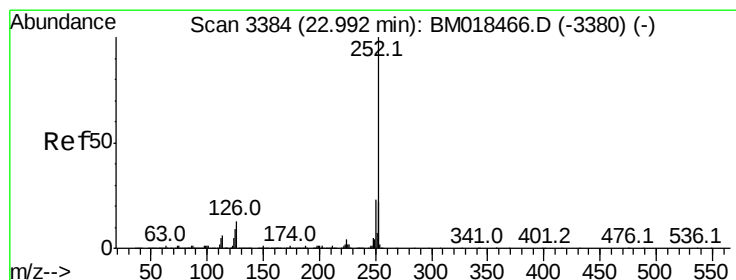
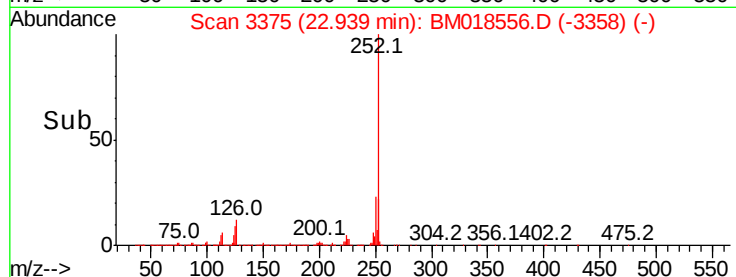
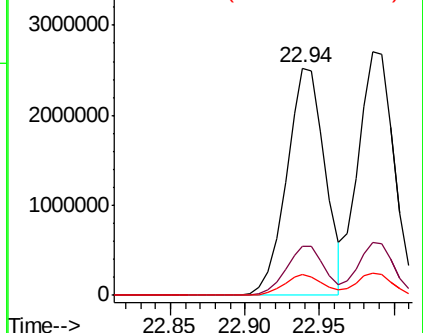
125 9.1 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 44.296 ng

RT: 22.99 min Scan# 3383

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

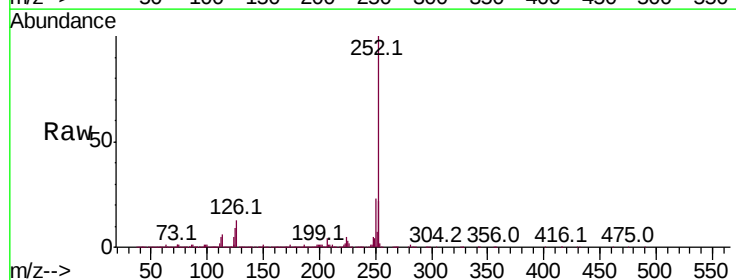
Tgt Ion:252 Resp: 4472813

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

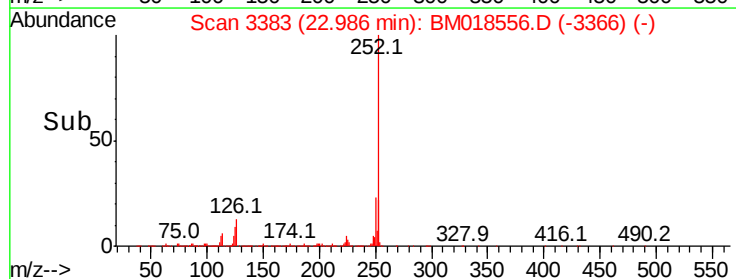
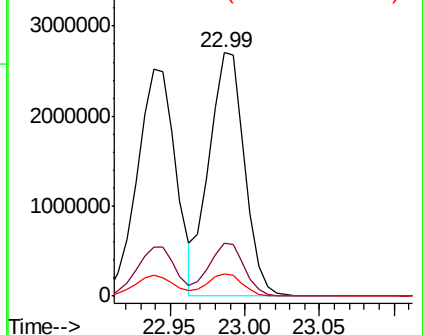
125 9.3 8.6 12.8

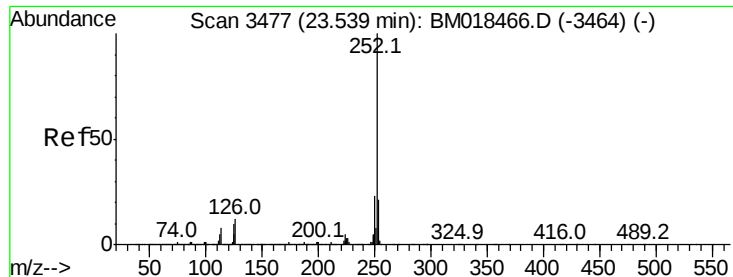


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 46.171 ng

RT: 23.53 min Scan# 3476

Delta R.T. 0.00 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

Instrument :

BNA_M

ClientSampleId :

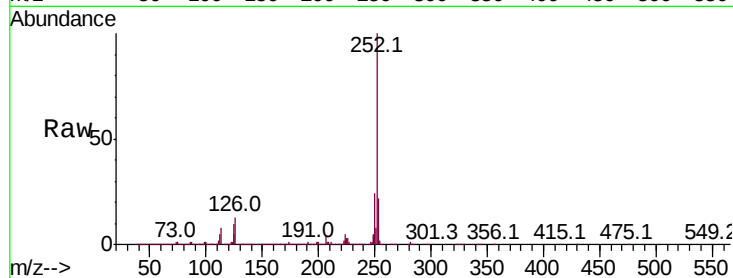
Tot Ion:252 Resp: 4428800

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.8 9.7 14.5

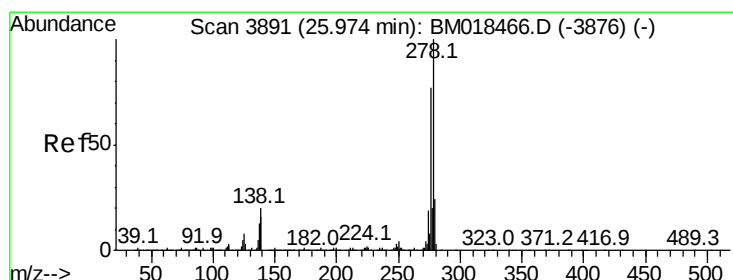
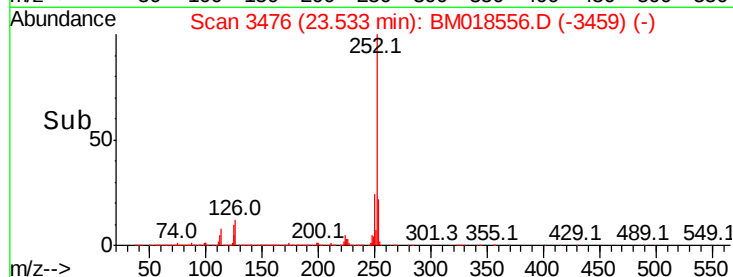
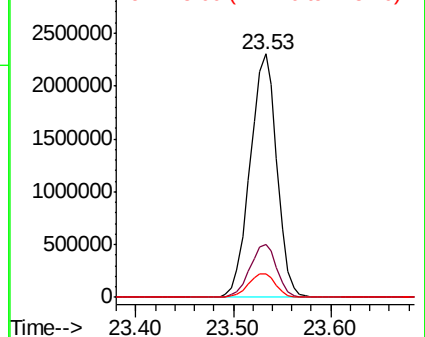


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 45.437 ng

RT: 25.97 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

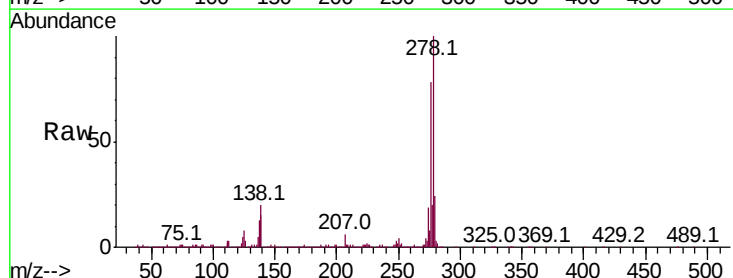
Tgt Ion:278 Resp: 4416204

Ion Ratio Lower Upper

278 100

139 14.8 13.2 19.8

279 24.0 19.0 28.4

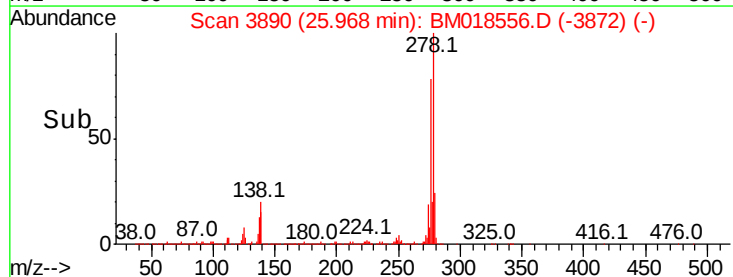
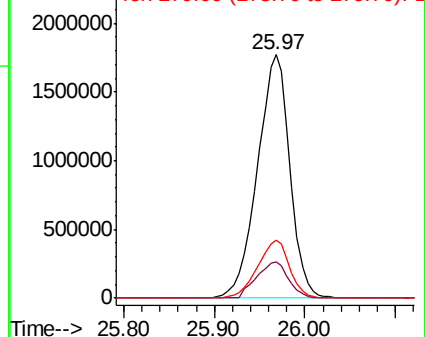


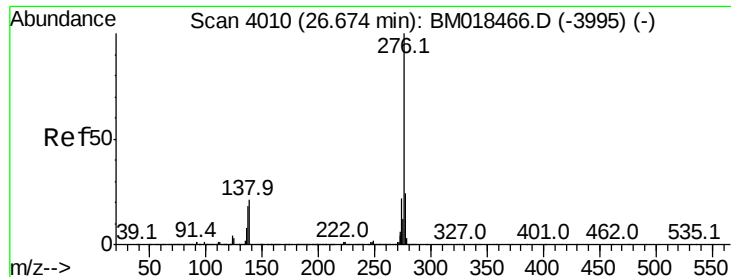
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 45.460 ng

RT: 26.67 min Scan# 4009

Delta R.T. 0.01 min

Lab File: BM018556.D

Acq: 14 Jan 2019 17:59

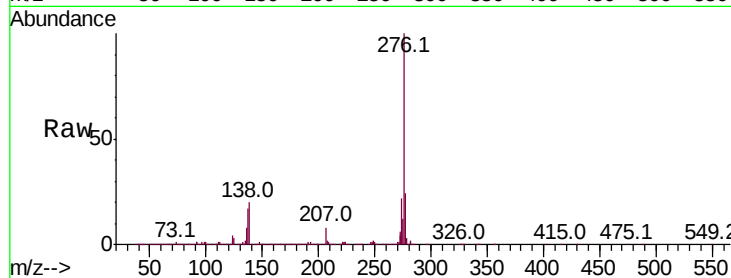
Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 4299689

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	20.2	18.1	27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

