

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
 Data File : BM013443.D
 Acq On : 15 Dec 2017 17:58
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 15 19:00:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 04:56:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	162412	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	702975	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	445526	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1101578	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1302699	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1147357	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	26246	8.00	ng/uL	0.00
5) Phenol-d5	6.85	99	267541	19.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	159283	19.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	215151	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	230929	19.24	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	111689	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	123680	20.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	242965	19.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	269950	23.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	769125	19.40	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	949135	19.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	128418	18.64	ng/ul	0.00
57) Fluorene-d10	15.32	176	669105	19.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	132425	19.11	ng/ul	0.00
70) Anthracene-d10	17.17	188	1093543	19.82	ng/ul	0.00
76) Pyrene-d10	19.46	212	1258880	19.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1152971	19.73	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	29452	8.000	ng/uL#	61
4) Benzaldehyde	6.83	77	143922	20.699	ng/ul#	86
6) Phenol	6.88	94	263885	18.997	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.11	93	203438	19.154	ng/ul	96
10) 2-Chlorophenol	7.24	128	215371	20.003	ng/ul	95
11) 2-Methylphenol	8.12	108	202010	18.803	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.21	45	224732	20.152	ng/ul#	78
14) Acetophenone	8.49	105	347088	19.012	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.48	70	170901	18.584	ng/ul#	75
16) 4-Methylphenol	8.45	108	220754	19.214	ng/ul	90
17) Hexachloroethane	8.74	117	93822	20.015	ng/ul#	78
20) Nitrobenzene	8.87	77	273807	19.497	ng/ul	96
21) Isophorone	9.39	82	483838	19.580	ng/ul#	93
23) 2-Nitrophenol	9.58	139	124548	20.135	ng/ul#	76
24) 2,4-Dimethylphenol	9.64	107	265088	19.649	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.87	93	285624	19.750	ng/ul	94
27) 2,4-Dichlorophenol	10.11	162	222461	19.588	ng/ul#	91
28) Naphthalene	10.50	128	706458	19.533	ng/ul	99
30) 4-Chloroaniline	10.62	127	268032	24.500	ng/ul	92
31) Hexachlorobutadiene	10.79	225	155757	18.934	ng/ul	95
32) Caprolactam	11.40	113	72771	20.049	ng/ul#	32
33) 4-Chloro-3-methylphenol	11.75	107	244734	19.644	ng/ul	95
34) 2-Methylnaphthalene	12.12	142	527407	19.399	ng/ul	98

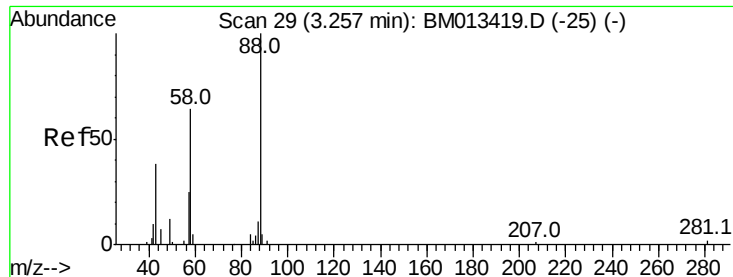
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
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 QLast Update : Fri Dec 15 04:56:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	306367	19.057	ng/ul#	98
37) Hexachlorocyclopentadiene	12.47	237	187807	17.749	ng/ul	98
38) 2,4,6-Trichlorophenol	12.75	196	198692	19.825	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	208536	19.588	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	718867	19.092	ng/ul	97
41) 2-Chloronaphthalene	13.19	162	577578	19.552	ng/ul	98
42) 2-Nitroaniline	13.40	65	175434	20.270	ng/ul	97
44) Dimethylphthalate	13.78	163	733210	19.336	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	154064	19.921	ng/ul#	94
47) Acenaphthylene	14.04	152	887089	19.593	ng/ul	99
48) 3-Nitroaniline	14.23	138	155594	22.508	ng/ul	85
49) Acenaphthene	14.38	153	598604	19.409	ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	71125	16.619	ng/ul#	85
52) 4-Nitrophenol	14.55	109	127166	18.818	ng/ul#	77
53) Dibenzofuran	14.72	168	884119	19.418	ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	230224	20.464	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.95	232	198035	20.288	ng/ul	92
56) Diethylphthalate	15.15	149	754555	19.840	ng/ul	95
58) Fluorene	15.37	166	735575	19.528	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	390289	19.091	ng/ul	96
60) 4-Nitroaniline	15.40	138	176397	21.628	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.46	198	131231	18.950	ng/ul#	91
64) N-Nitrosodiphenylamine	15.59	169	636888	19.627	ng/ul	95
65) 4-Bromophenyl-phenylether	16.26	248	251112	19.392	ng/ul	96
66) Hexachlorobenzene	16.37	284	275285	19.277	ng/ul#	91
67) Atrazine	16.54	200	246745	20.601	ng/ul	95
68) Pentachlorophenol	16.72	266	149723	18.127	ng/ul	98
69) Phenanthrene	17.11	178	1233842	19.715	ng/ul	99
71) Anthracene	17.20	178	1250148	19.543	ng/ul	98
72) Carbazole	17.47	167	1080703	19.641	ng/ul	99
73) Di-n-butylphthalate	18.04	149	1300752	20.250	ng/ul	99
74) Fluoranthene	19.13	202	1518059	19.794	ng/ul#	94
77) Pyrene	19.49	202	1548492	19.566	ng/ul#	90
78) Butylbenzylphthalate	20.40	149	624172	20.185	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.18	252	503085	18.371	ng/ul#	95
80) Benzo(a)anthracene	21.24	228	1603769	19.404	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.18	149	901774	19.347	ng/ul#	98
82) Chrysene	21.30	228	1487049	19.393	ng/ul	99
84) Di-n-octyl phthalate	22.06	149	1528932	18.739	ng/ul	99
85) Benzo(b)fluoranthene	22.81	252	1510611	19.531	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	1442068	19.812	ng/ul#	97
88) Benzo(a)pyrene	23.39	252	1363436	19.624	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.71	276	1364399	19.792	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.73	278	1176320	20.039	ng/ul#	96
91) Benzo(g,h,i)perylene	26.40	276	1059877	19.491	ng/ul#	95

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



#2

1,4-Dioxane

Concen: 8.000 ng/uL

RT: 3.26 min Scan# 29

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

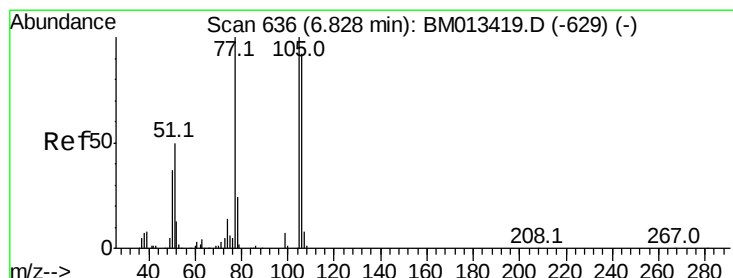
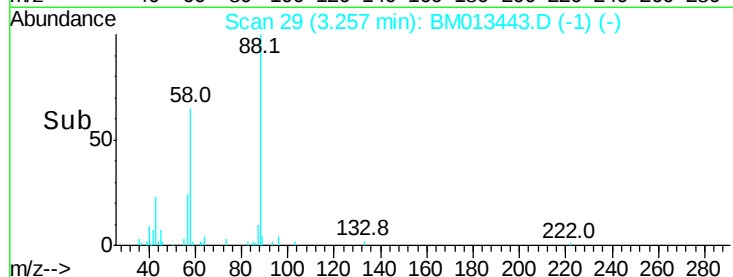
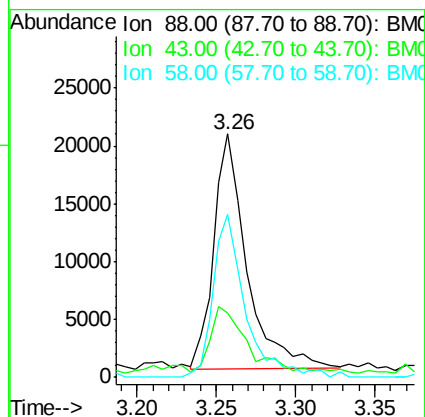
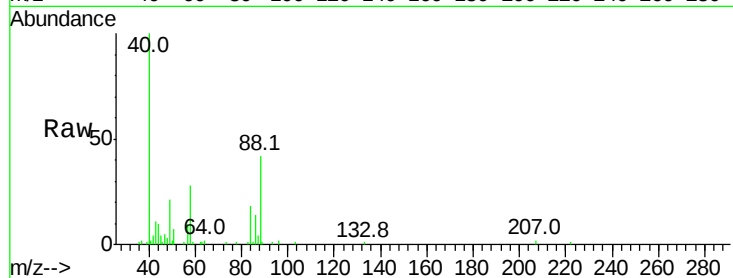
Tot Ion: 88 Resp: 29452

Ion Ratio Lower Upper

88 100

43 25.5 48.0 72.0#

58 65.7 80.0 120.0#



#4

Benzaldehyde

Concen: 20.699 ng/uL

RT: 6.83 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

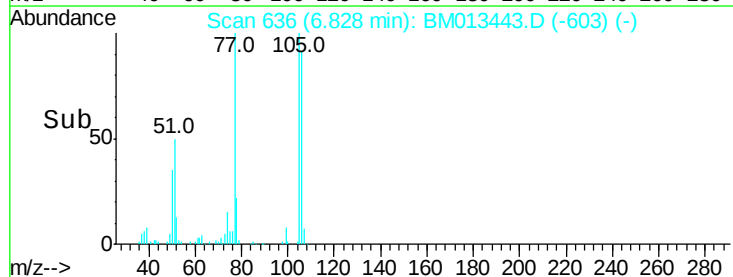
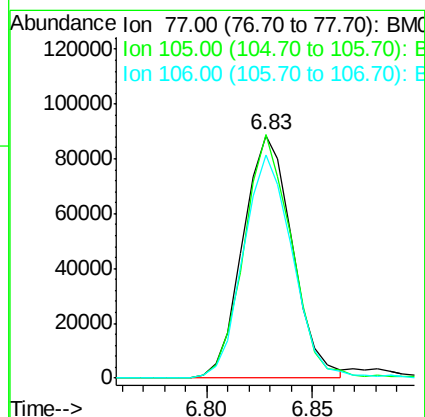
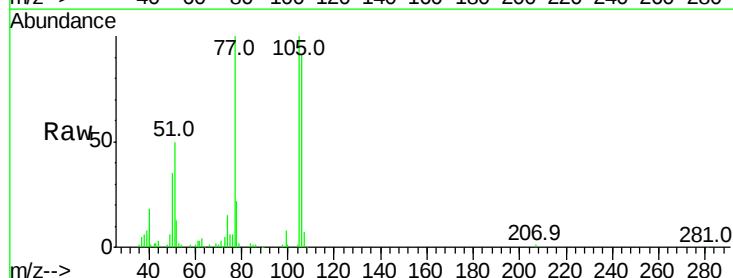
Tgt Ion: 77 Resp: 143922

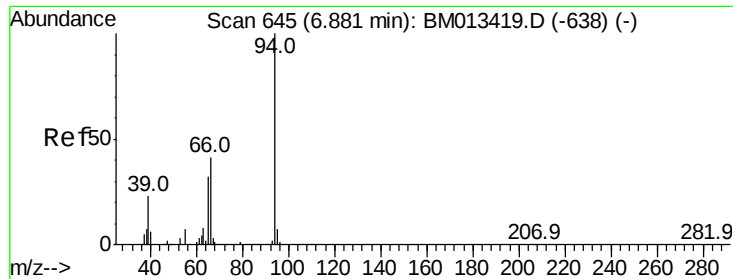
Ion Ratio Lower Upper

77 100

105 100.5 66.1 99.1#

106 91.9 67.8 101.6





#6

Phenol

Concen: 18.997 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

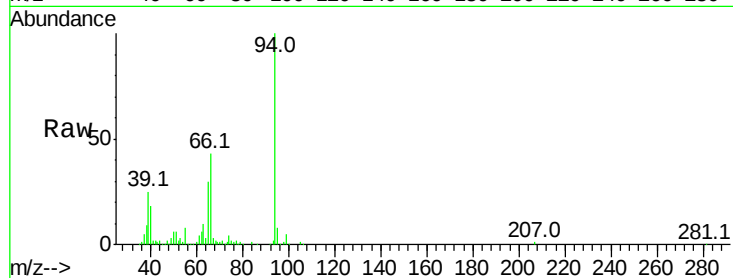
Tot Ion: 94 Resp: 263885

Ion Ratio Lower Upper

94 100

65 29.5 28.2 42.4

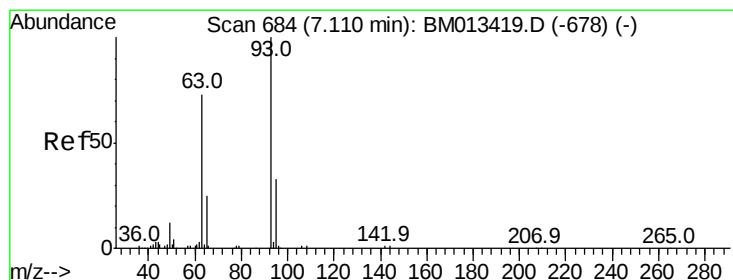
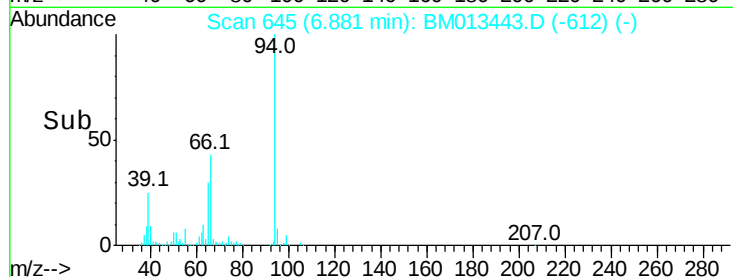
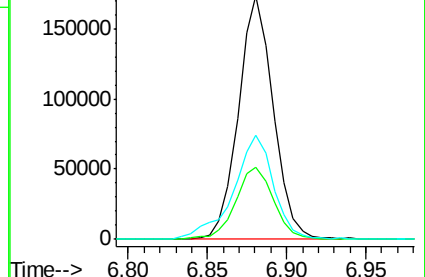
66 42.8 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013419.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM013419.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM013419.D (-638) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.154 ng/ul

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

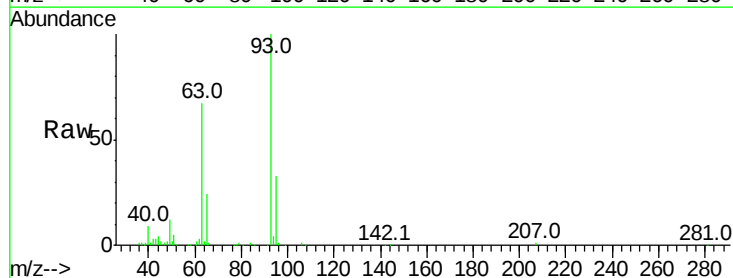
Tgt Ion: 93 Resp: 203438

Ion Ratio Lower Upper

93 100

63 67.5 57.3 85.9

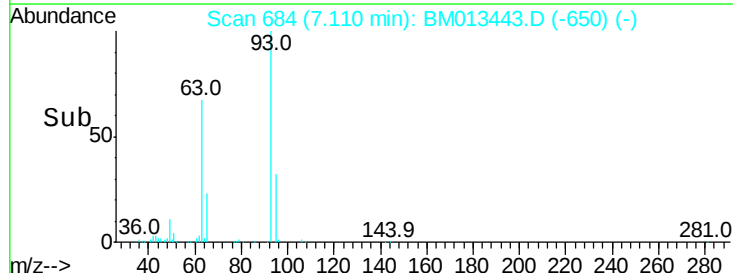
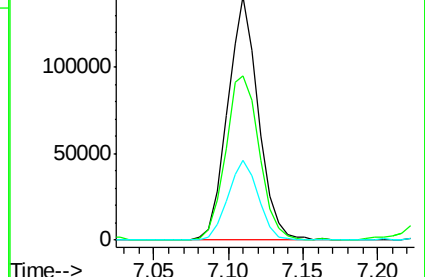
95 32.8 26.6 39.8

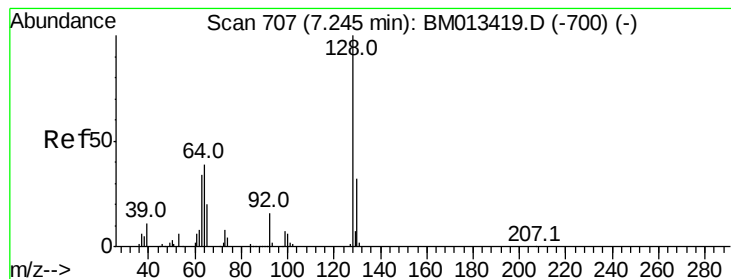


Abundance Ion 93.00 (92.70 to 93.70): BM013419.D (-678) (-)

Ion 63.00 (62.70 to 63.70): BM013419.D (-678) (-)

Ion 95.00 (94.70 to 95.70): BM013419.D (-678) (-)





#10

2-Chlorophenol

Concen: 20.003 ng/ul

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

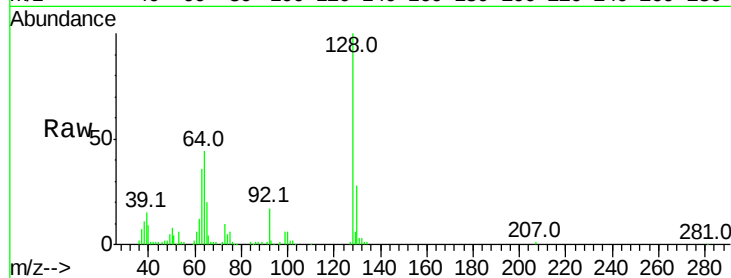
Tot Ion:128 Resp: 215371

Ion Ratio Lower Upper

128 100

64 44.4 38.0 57.0

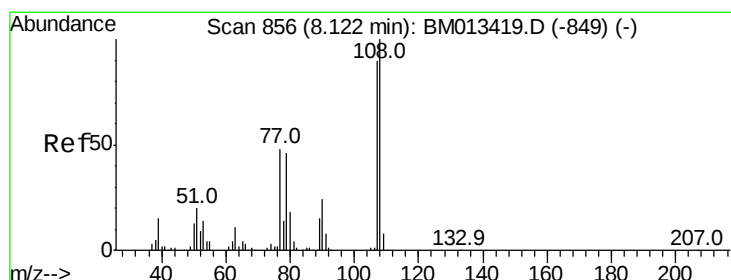
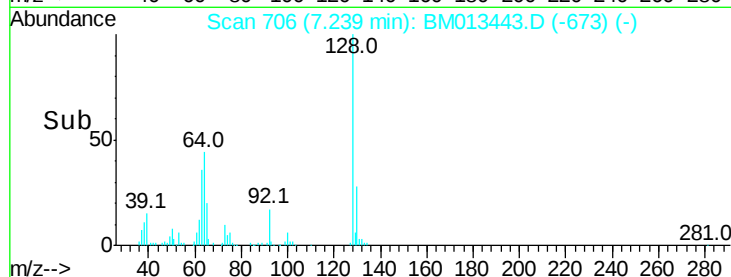
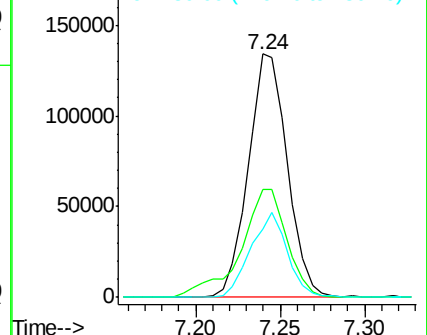
130 28.0 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.803 ng/ul

RT: 8.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM013443.D

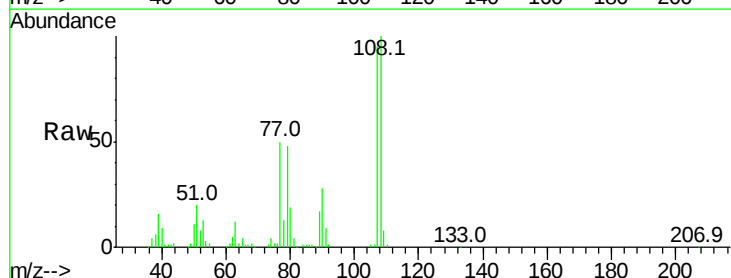
Acq: 15 Dec 2017 17:58

Tgt Ion:108 Resp: 202010

Ion Ratio Lower Upper

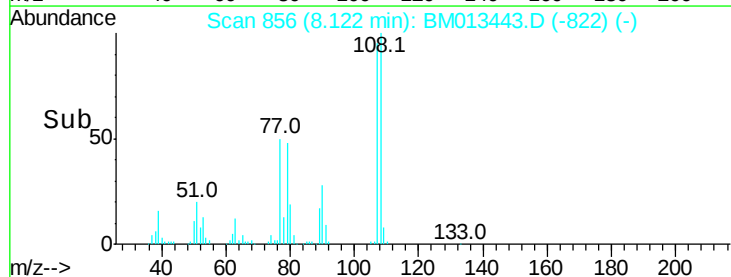
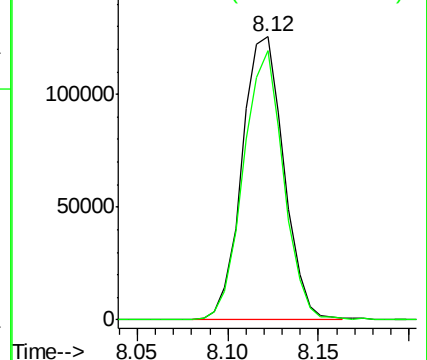
108 100

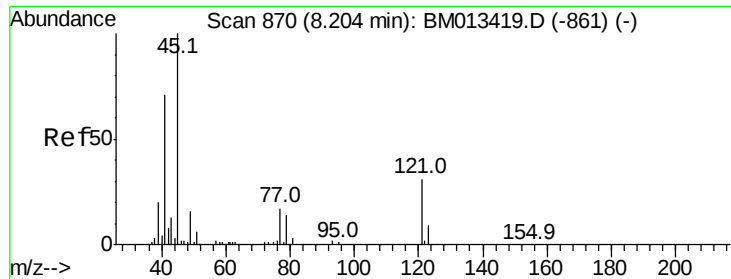
107 95.2 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

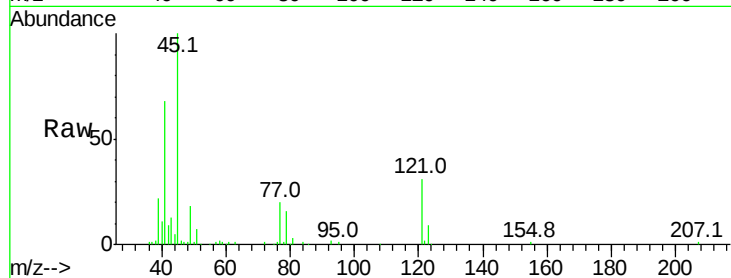




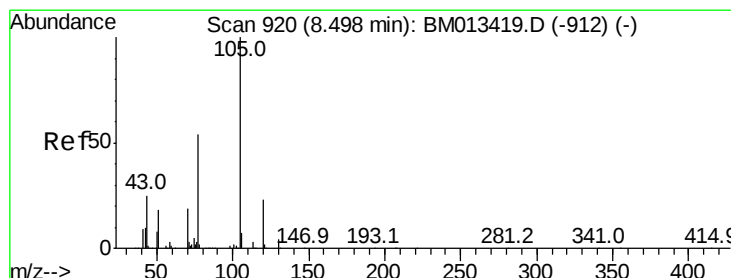
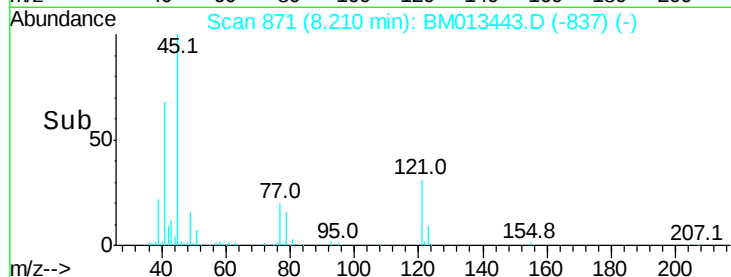
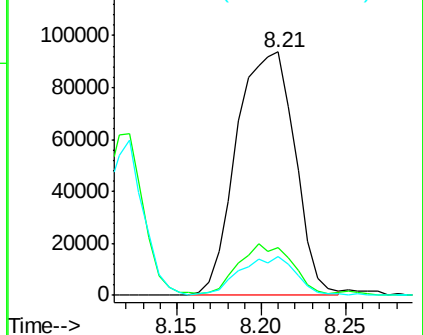
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.152 ng/ul
RT: 8.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM013443.D
Acq: 15 Dec 2017 17:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 45 Resp: 224732
Ion Ratio Lower Upper
45 100
77 19.9 8.0 12.0#
79 16.2 8.0 12.0#

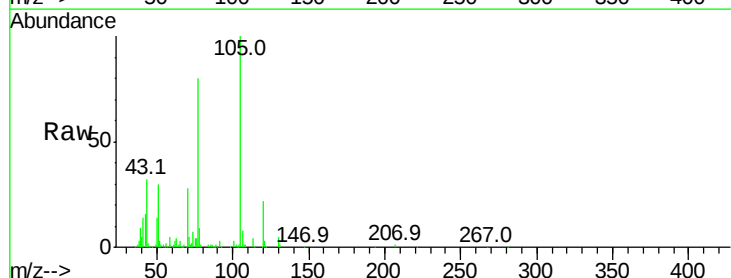


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

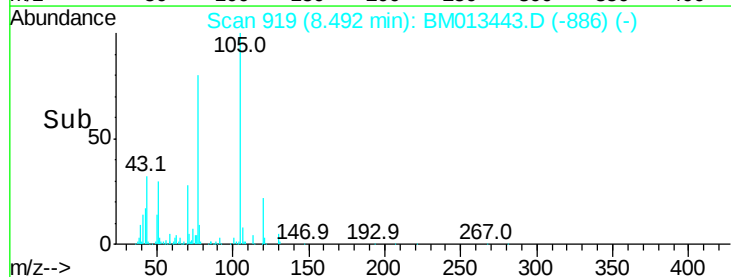
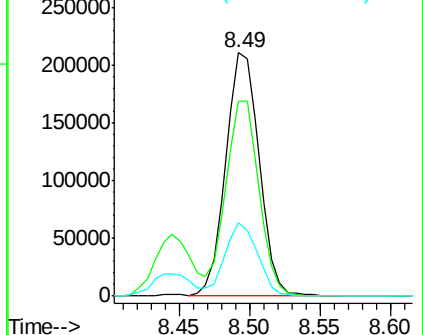


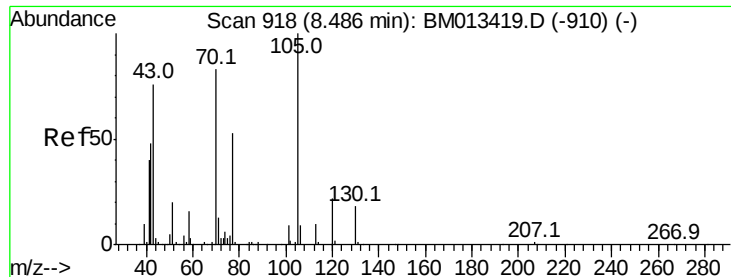
#14
Acetophenone
Concen: 19.012 ng/ul
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM013443.D
Acq: 15 Dec 2017 17:58

Tgt Ion:105 Resp: 347088
Ion Ratio Lower Upper
105 100
77 80.2 74.2 111.4
51 30.2 23.4 35.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 18.584 ng/ul

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 170901

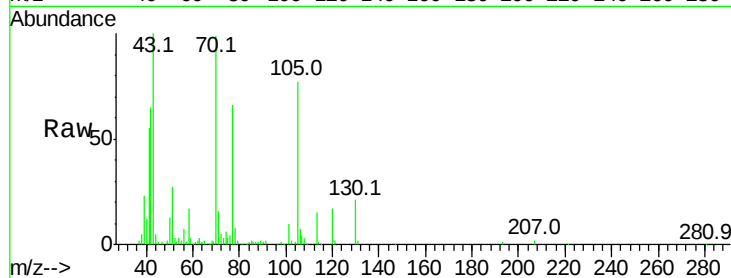
Ion Ratio Lower Upper

70 100

42 65.3 76.0 114.0#

101 10.1 6.7 10.1#

130 21.1 14.6 22.0

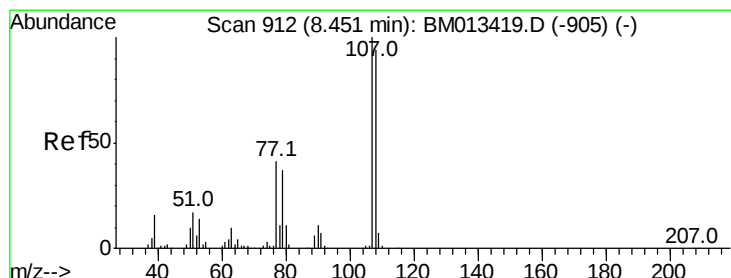
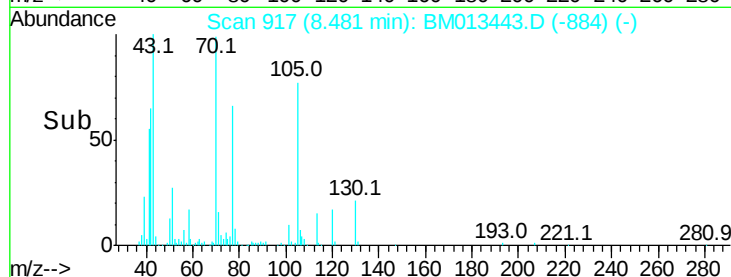
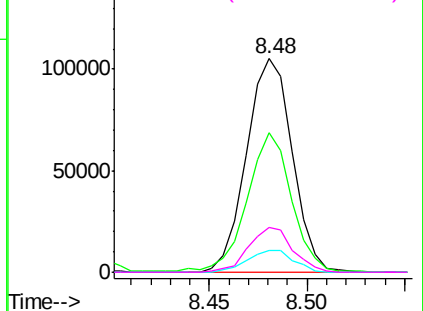


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 19.214 ng/ul

RT: 8.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BM013443.D

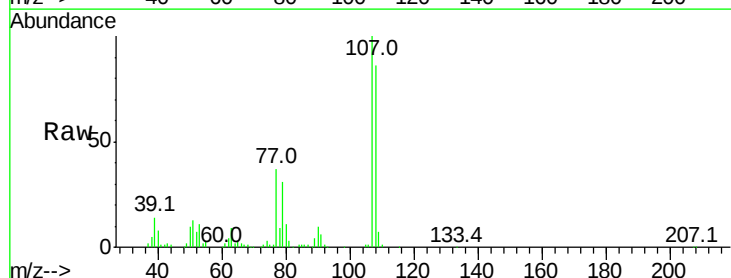
Acq: 15 Dec 2017 17:58

Tgt Ion: 108 Resp: 220754

Ion Ratio Lower Upper

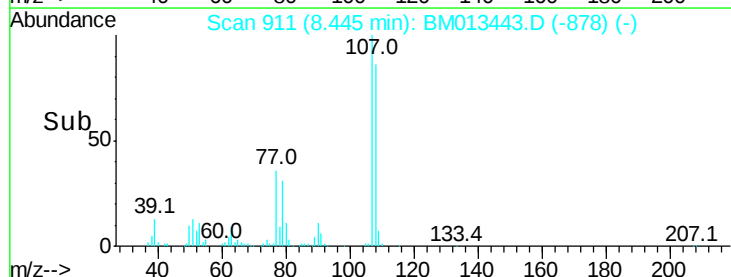
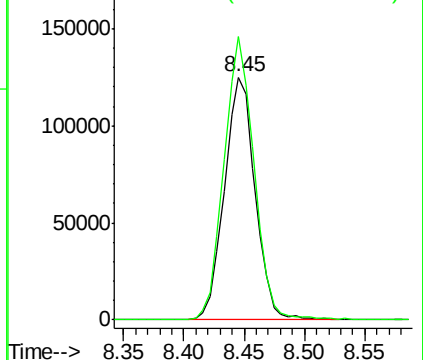
108 100

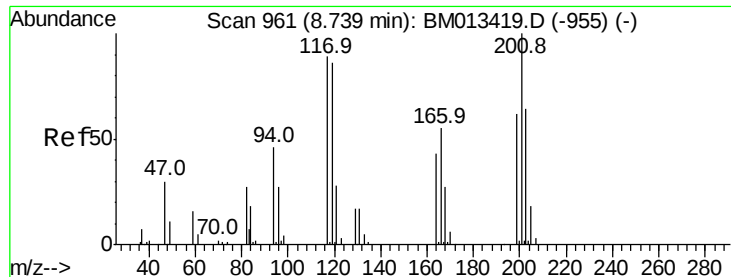
107 116.5 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 20.015 ng/ul

RT: 8.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

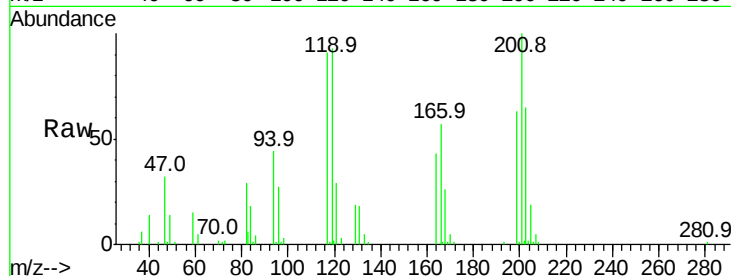
Tot Ion:117 Resp: 93822

Ion Ratio Lower Upper

117 100

201 109.3 111.6 167.4#

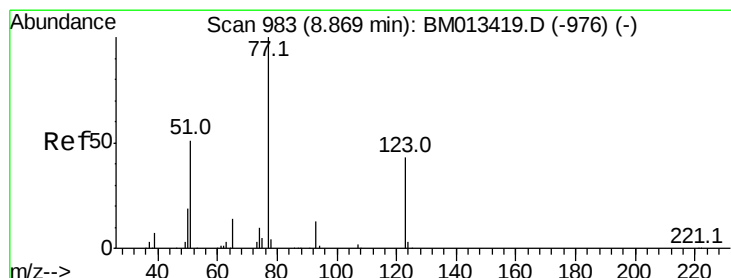
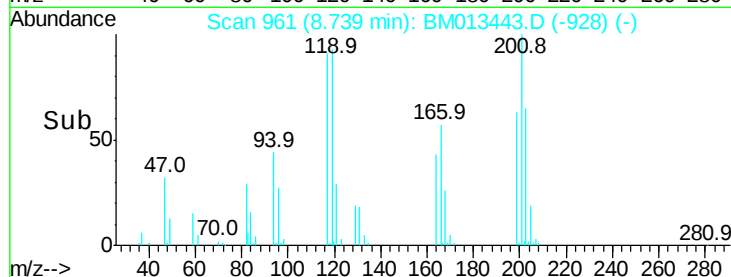
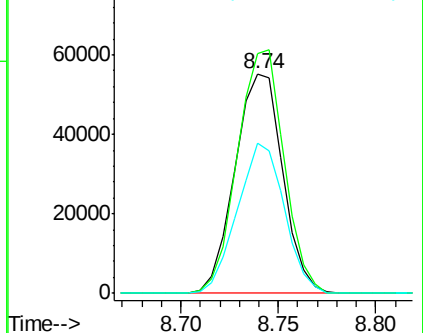
199 68.4 67.8 101.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 19.497 ng/ul

RT: 8.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

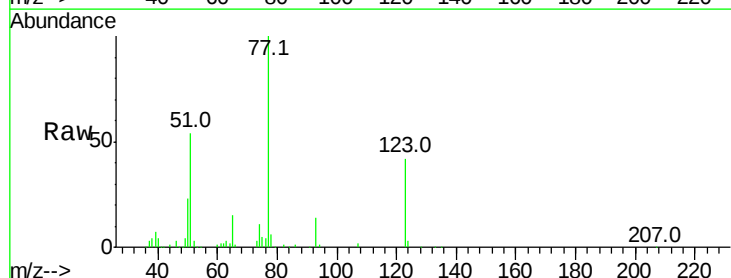
Tgt Ion: 77 Resp: 273807

Ion Ratio Lower Upper

77 100

123 42.4 31.0 46.6

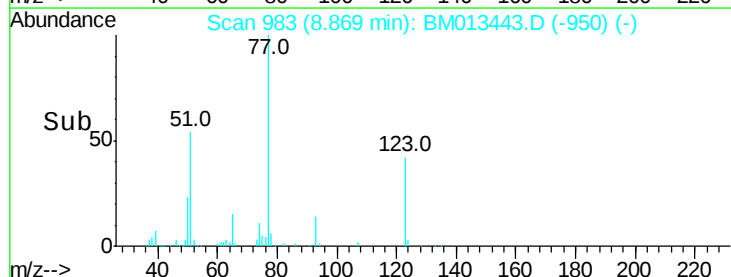
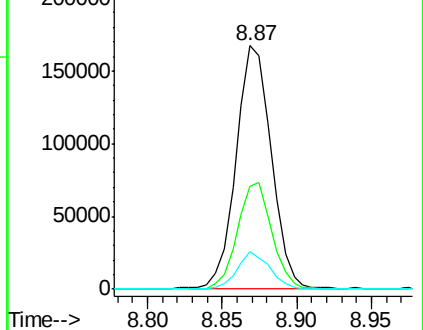
65 15.4 12.2 18.2

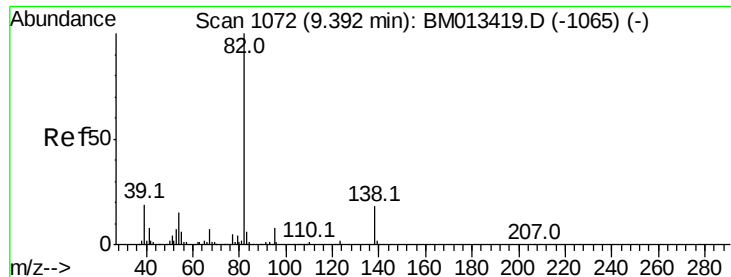


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 19.580 ng/ul

RT: 9.39 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

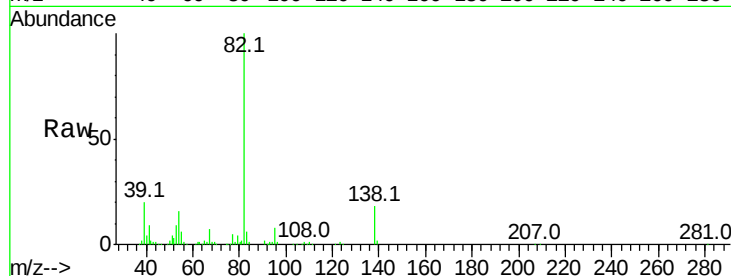
Tot Ion: 82 Resp: 483838

Ion Ratio Lower Upper

82 100

95 7.9 7.8 11.8

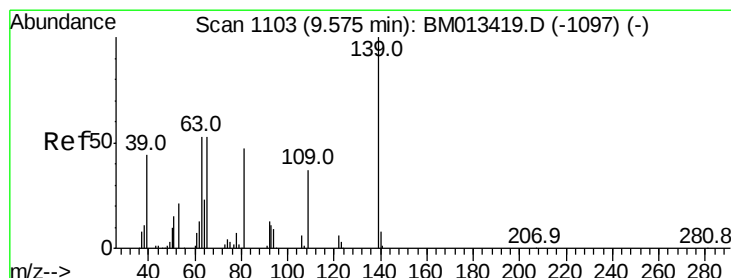
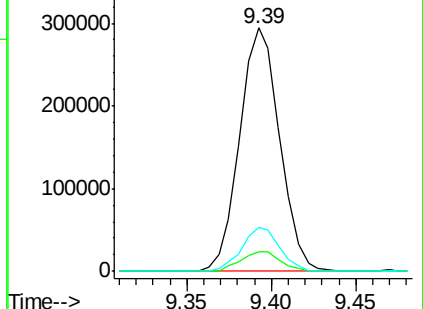
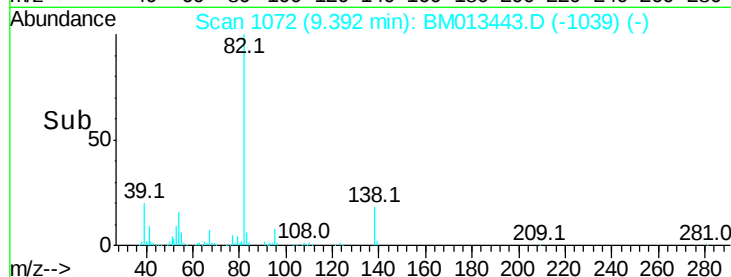
138 18.2 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM013443.D (-1039) (-)

Ion 95.00 (94.70 to 95.70): BM013443.D (-1039) (-)

Ion 138.00 (137.70 to 138.70): BM013443.D (-1039) (-)



#23

2-Nitrophenol

Concen: 20.135 ng/ul

RT: 9.58 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

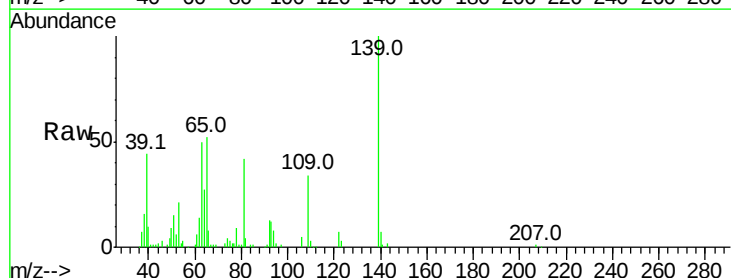
Tgt Ion: 139 Resp: 124548

Ion Ratio Lower Upper

139 100

65 52.0 55.4 83.0#

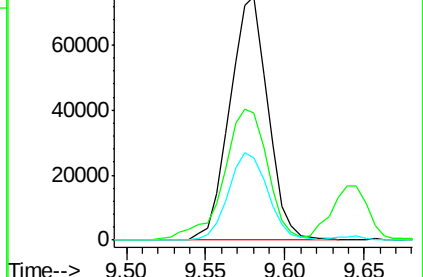
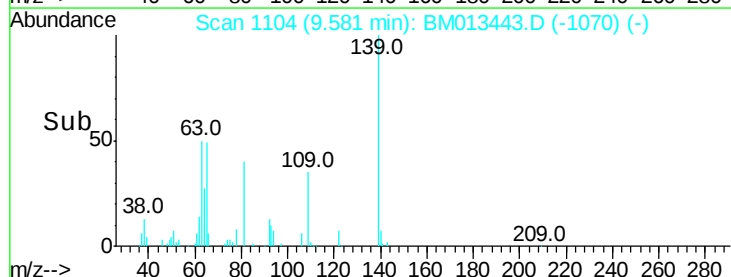
109 33.8 42.2 63.2#

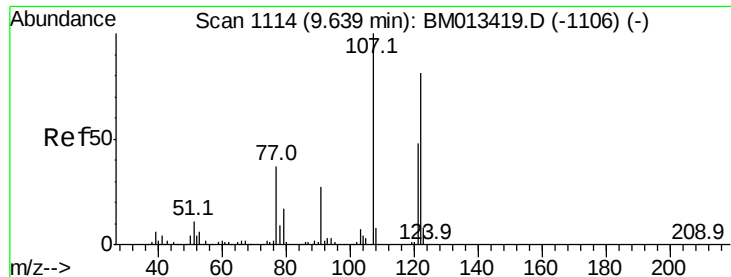


Abundance Ion 139.00 (138.70 to 139.70): BM013443.D (-1070) (-)

Ion 65.00 (64.70 to 65.70): BM013443.D (-1070) (-)

Ion 109.00 (108.70 to 109.70): BM013443.D (-1070) (-)





#24

2,4-Dimethylphenol

Concen: 19.649 ng/ul

RT: 9.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

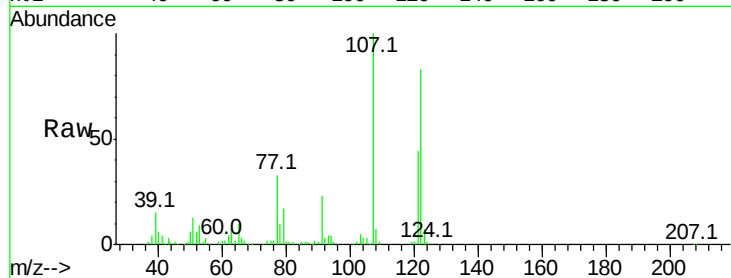
Tot Ion:107 Resp: 265088

Ion Ratio Lower Upper

107 100

121 43.5 31.9 47.9

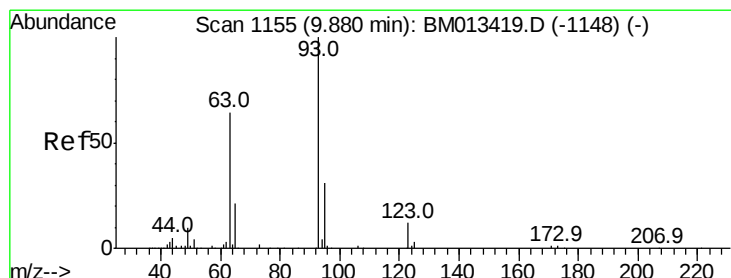
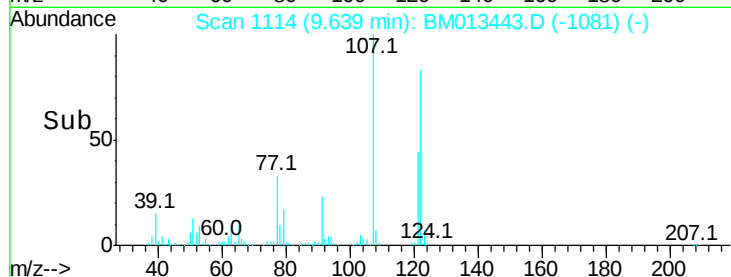
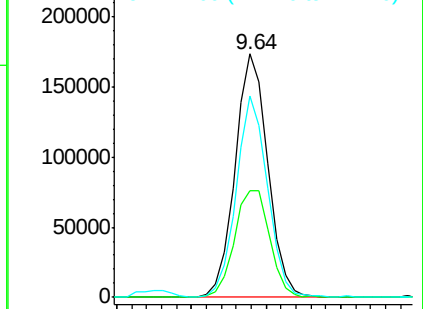
122 82.6 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.750 ng/ul

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

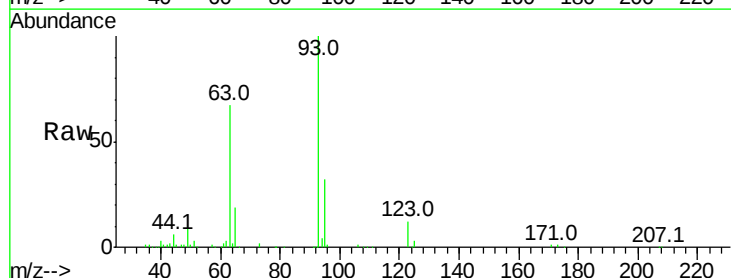
Tgt Ion: 93 Resp: 285624

Ion Ratio Lower Upper

93 100

95 31.7 28.5 42.7

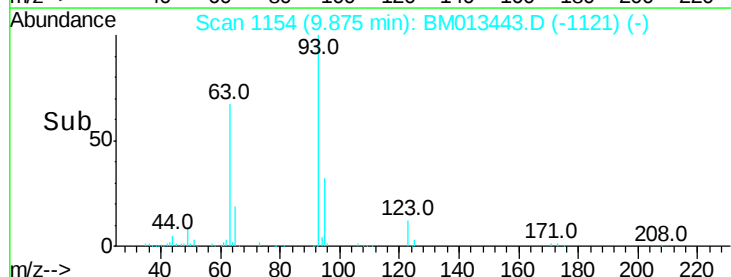
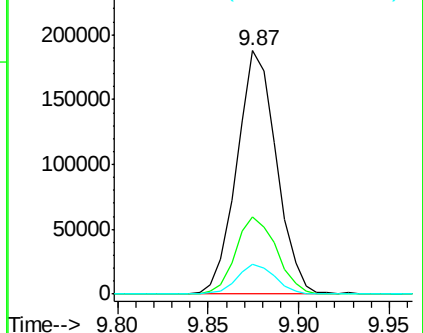
123 12.4 8.9 13.3

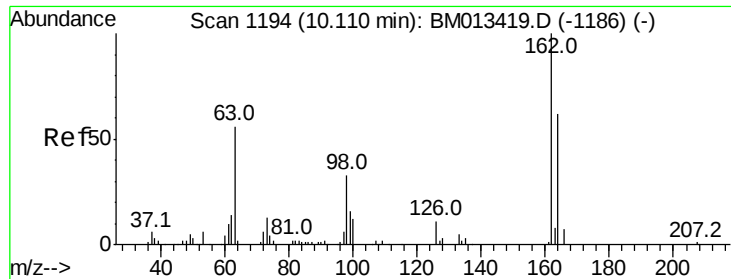


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

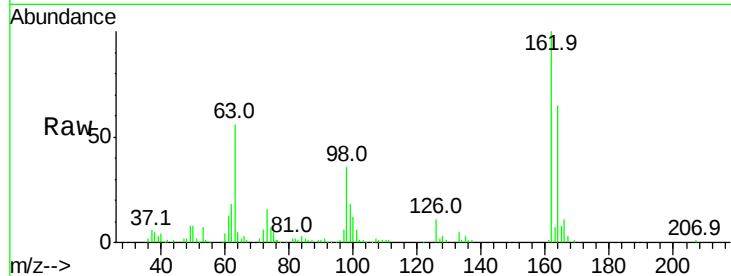




#27
 2,4-Dichlorophenol
 Concen: 19.588 ng/ul
 RT: 10.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BM013443.D
 Acq: 15 Dec 2017 17:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	47.8	71.6
98	36.0	23.0	34.4

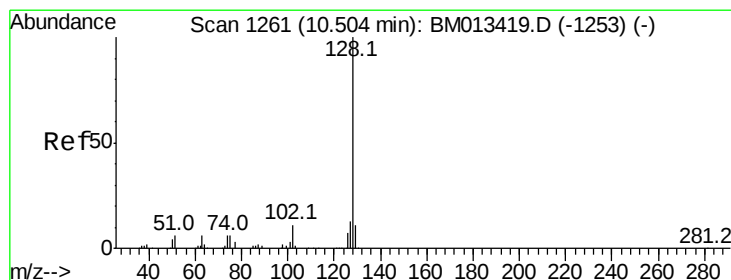
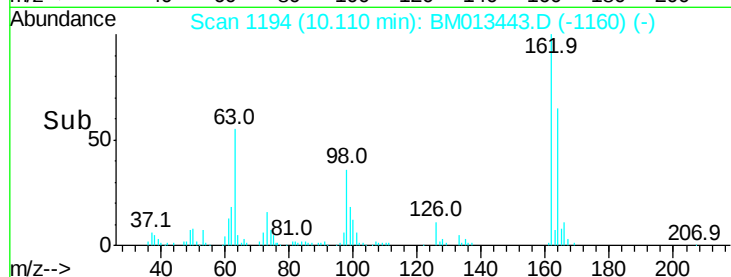
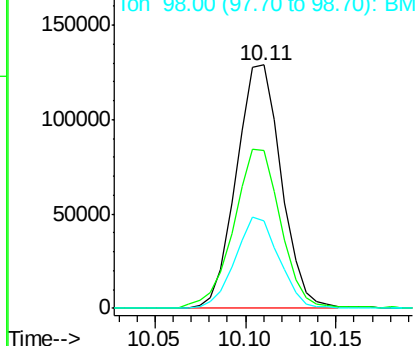


Abundance

Ion 162.00 (161.70 to 162.70): E

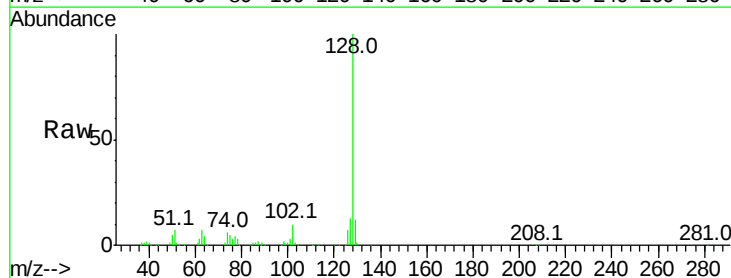
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#28
 Naphthalene
 Concen: 19.533 ng/ul
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BM013443.D
 Acq: 15 Dec 2017 17:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	12.8	10.6	16.0

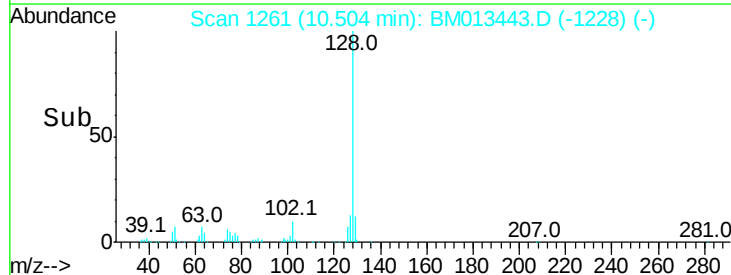
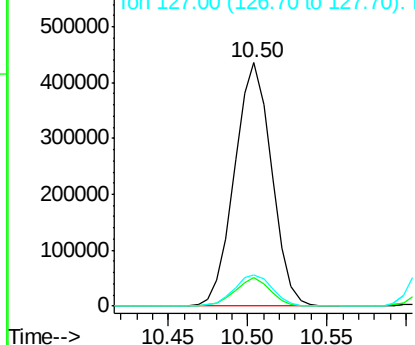


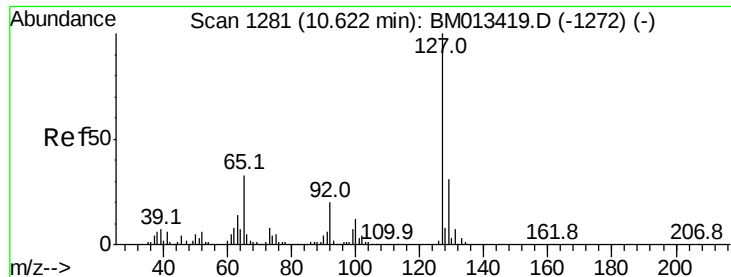
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

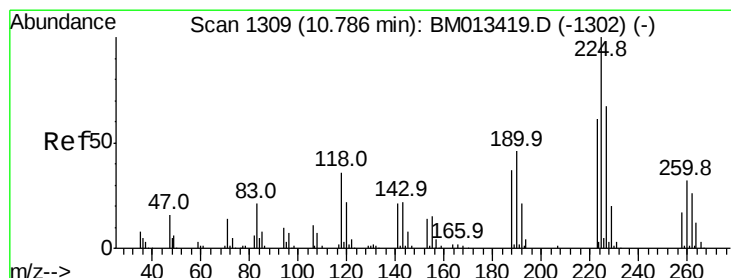
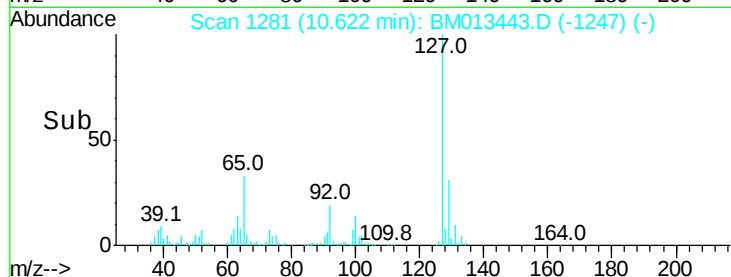
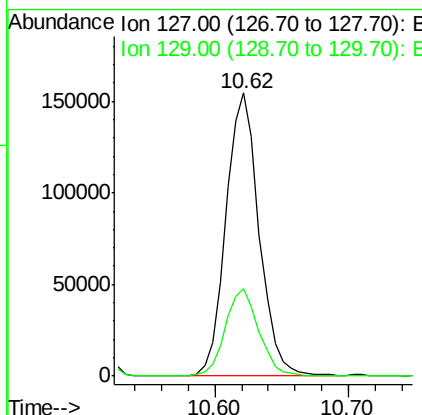
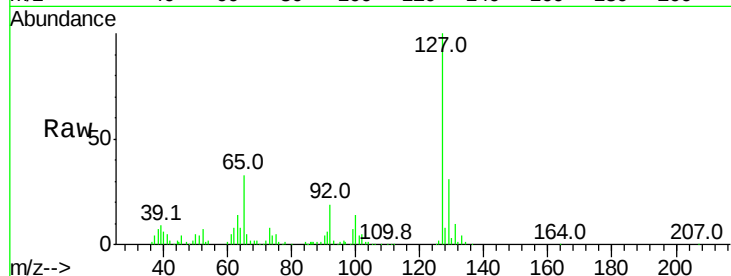




#30
4-Chloroaniline
Concen: 24.500 ng/ul
RT: 10.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BM013443.D
Acq: 15 Dec 2017 17:58

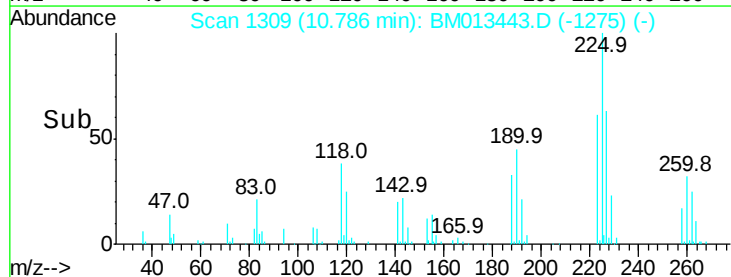
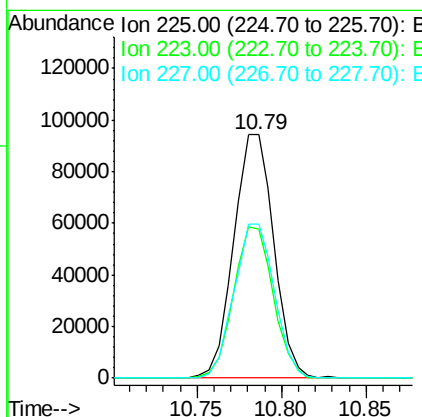
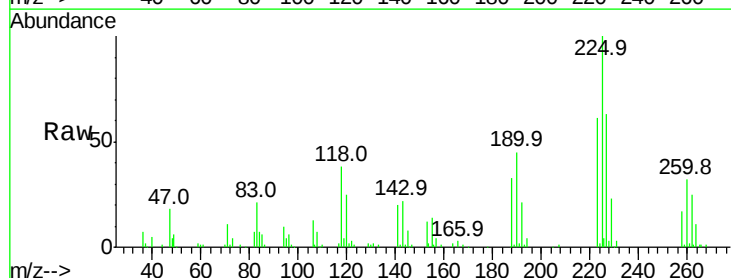
Instrument :
BNA_M
ClientSampleId :

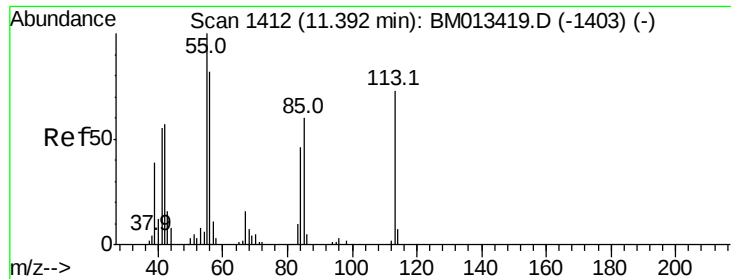
Tot Ion:127 Resp: 268032
Ion Ratio Lower Upper
127 100
129 30.8 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.934 ng/ul
RT: 10.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BM013443.D
Acq: 15 Dec 2017 17:58

Tgt Ion:225 Resp: 155757
Ion Ratio Lower Upper
225 100
223 61.4 49.4 74.2
227 63.3 45.4 68.2





#32

Caprolactam

Concen: 20.049 ng/ul

RT: 11.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampled :

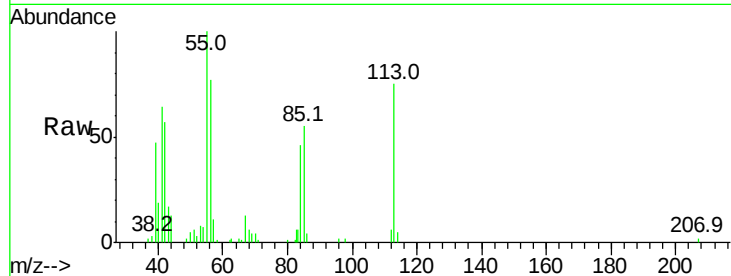
Tot Ion:113 Resp: 72771

Ion Ratio Lower Upper

113 100

55 133.3 208.0 312.0#

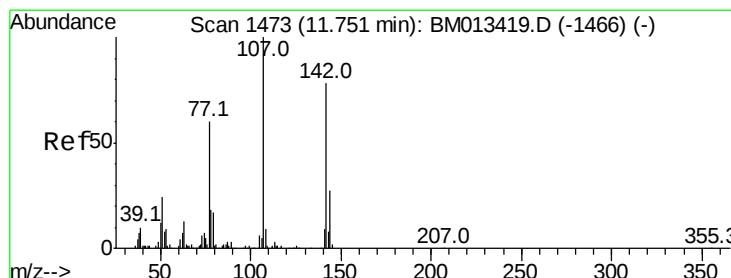
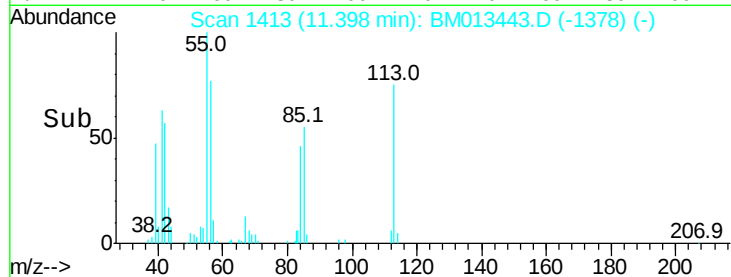
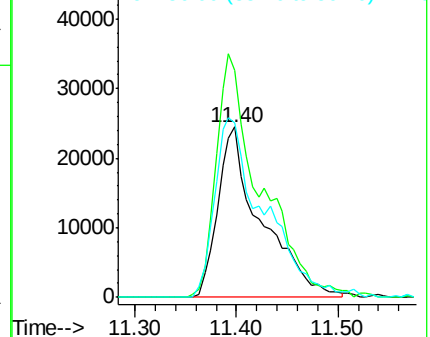
56 102.6 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.644 ng/ul

RT: 11.75 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

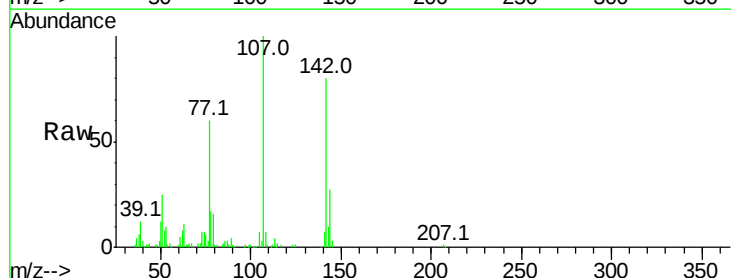
Tgt Ion:107 Resp: 244734

Ion Ratio Lower Upper

107 100

144 27.0 20.4 30.6

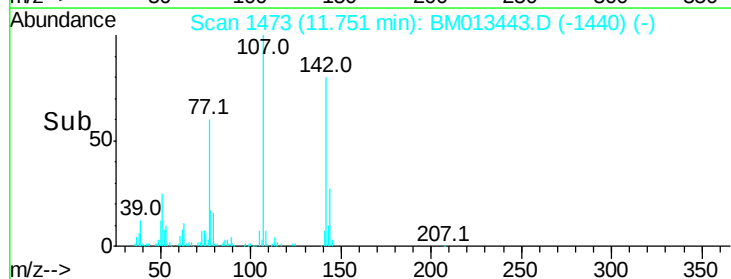
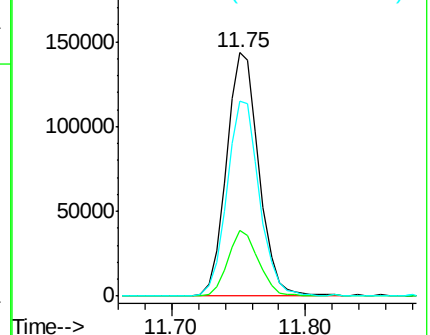
142 80.1 60.5 90.7

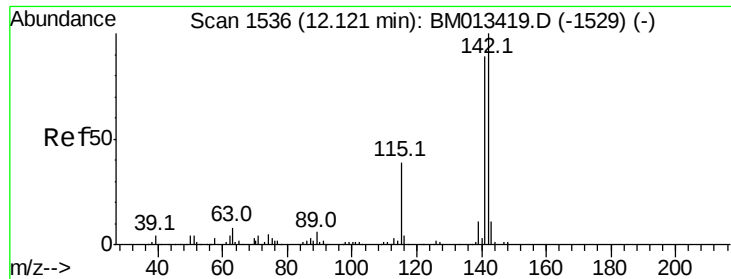


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

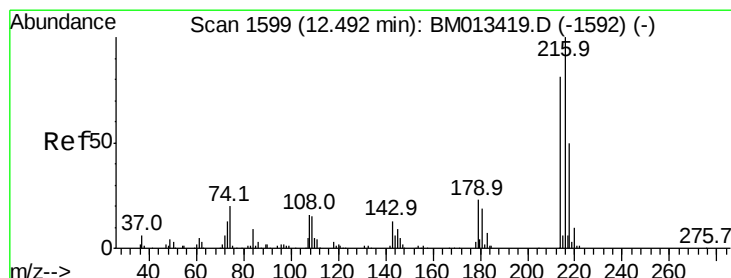
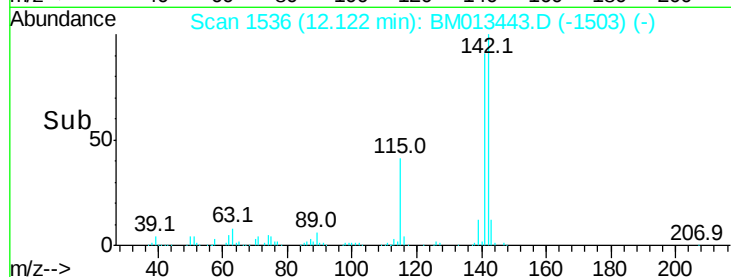
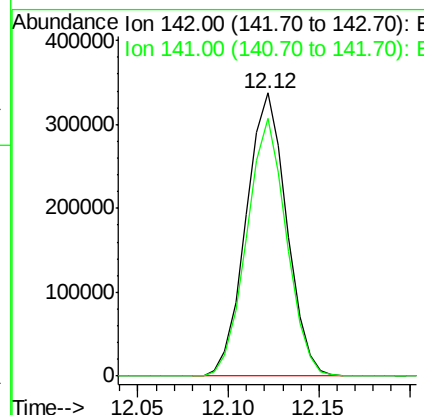
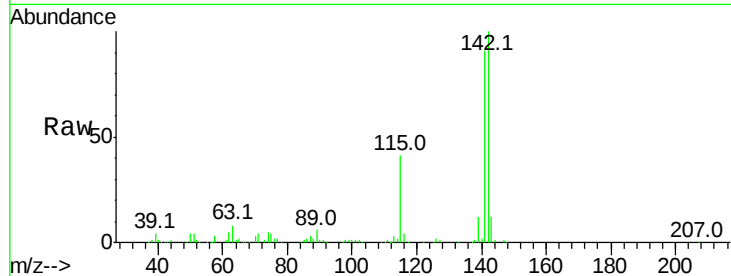




#34
 2-Methylnaphthalene
 Concen: 19.399 ng/ul
 RT: 12.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BM013443.D
 Acq: 15 Dec 2017 17:58

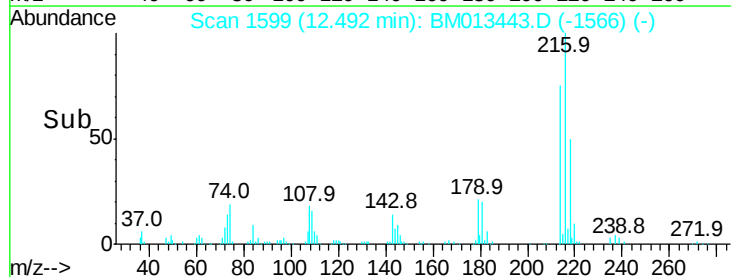
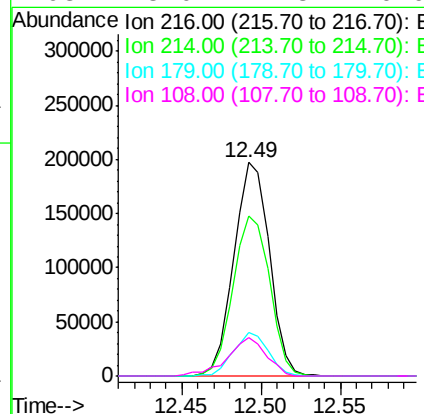
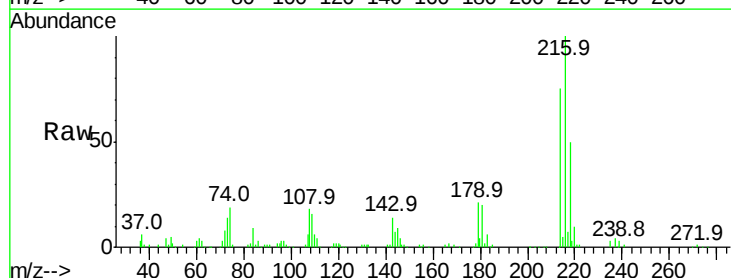
Instrument :
 BNA_M
 ClientSampleId :

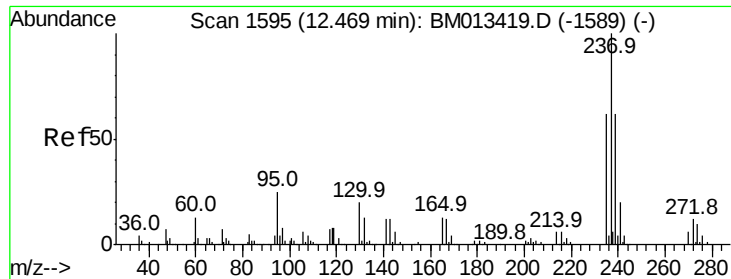
Tot Ion:142 Resp: 527407
 Ion Ratio Lower Upper
 142 100
 141 91.0 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.057 ng/ul
 RT: 12.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BM013443.D
 Acq: 15 Dec 2017 17:58

Tgt Ion:216 Resp: 306367
 Ion Ratio Lower Upper
 216 100
 214 75.0 60.6 90.8
 179 20.6 17.5 26.3
 108 18.0 11.3 16.9#

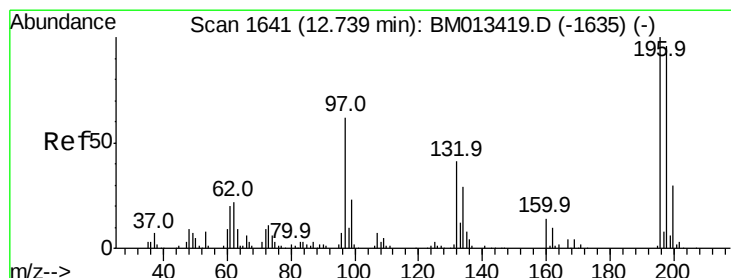
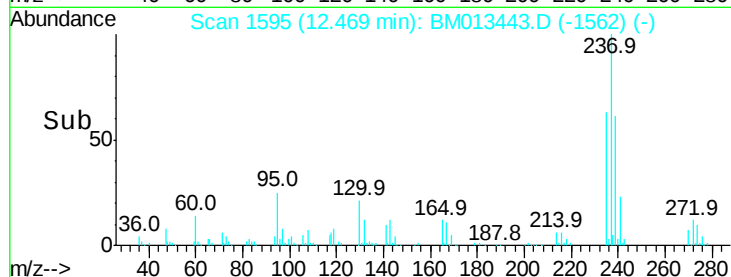
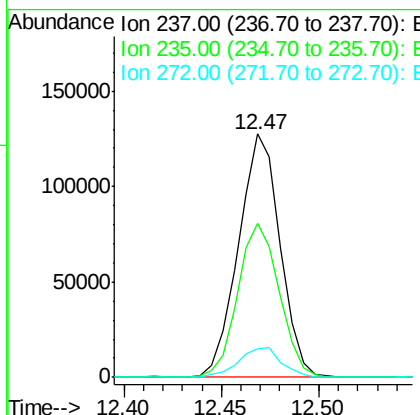
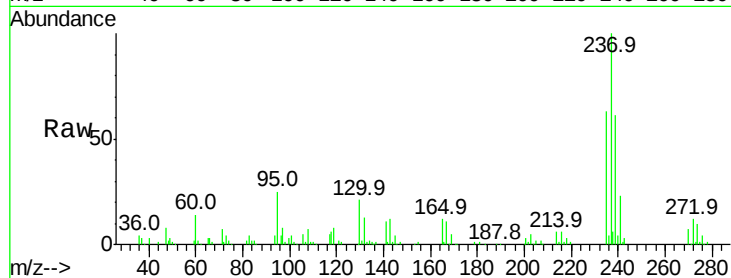




#37
Hexachlorocyclopentadiene
Concen: 17.749 ng/ul
RT: 12.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BM013443.D
Acq: 15 Dec 2017 17:58

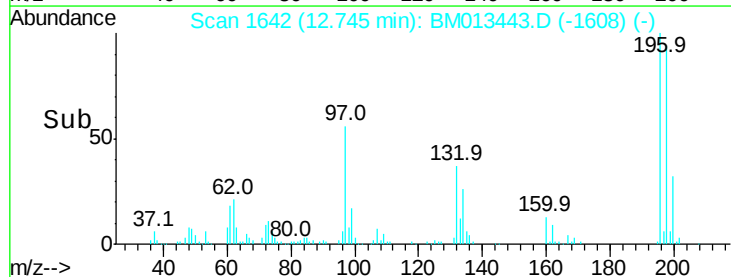
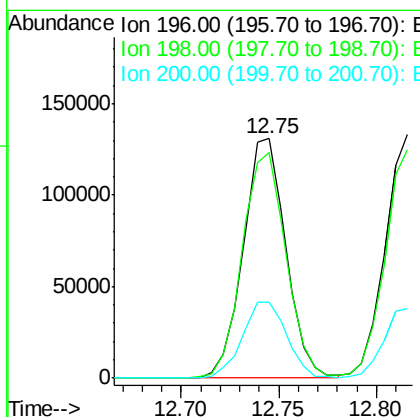
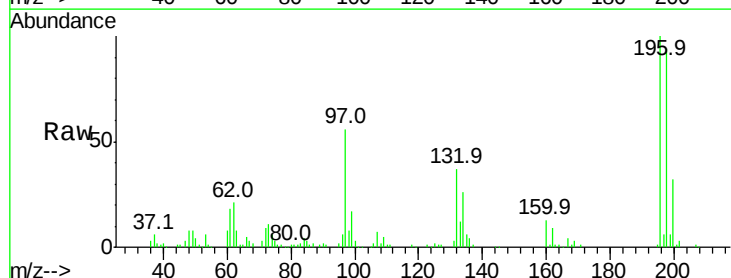
Instrument :
BNA_M
ClientSampleId :

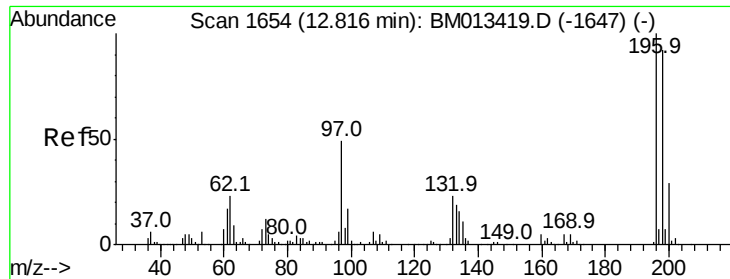
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.3	50.2	75.4
272	11.5	11.0	16.6



#38
2,4,6-Trichlorophenol
Concen: 19.825 ng/ul
RT: 12.75 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BM013443.D
Acq: 15 Dec 2017 17:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.1	111.1
200	31.7	25.2	37.8

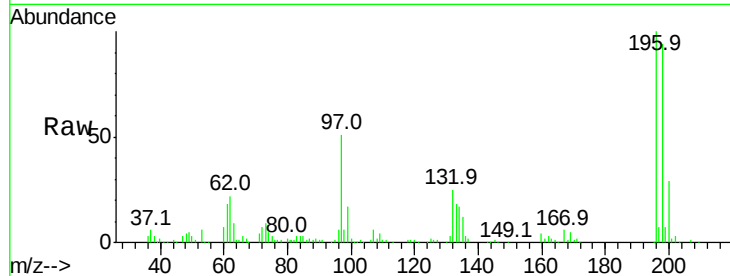




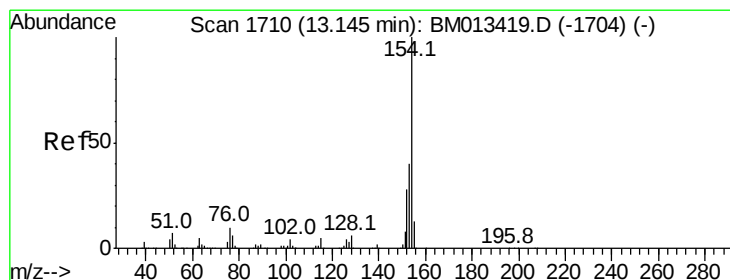
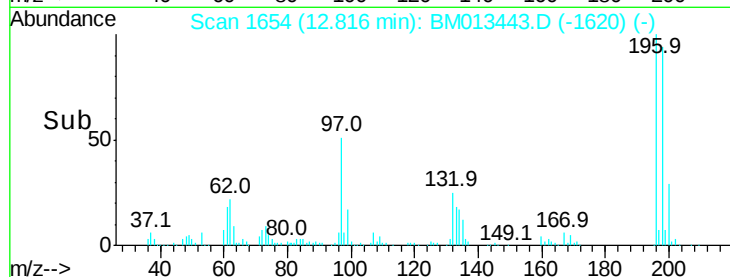
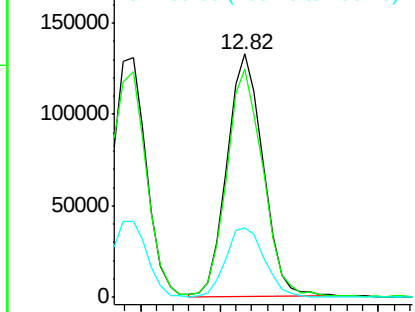
#39
 2,4,5-Trichlorophenol
 Concen: 19.588 ng/ul
 RT: 12.82 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BM013443.D
 Acq: 15 Dec 2017 17:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.6	113.4
200	28.7	25.5	38.3

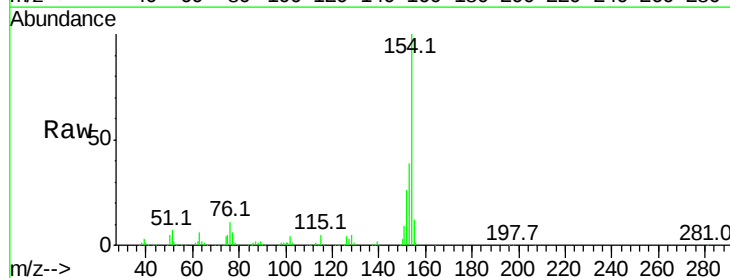


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

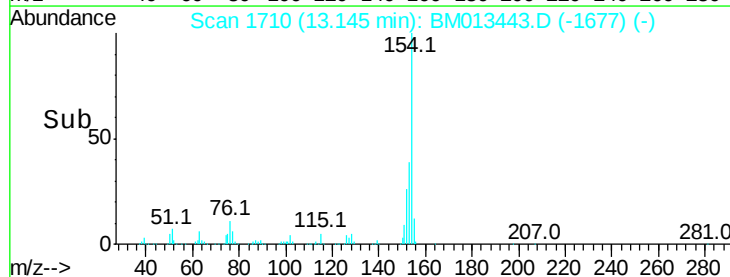
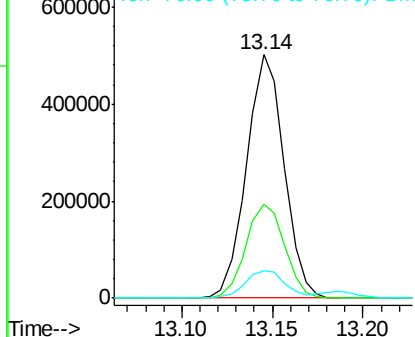


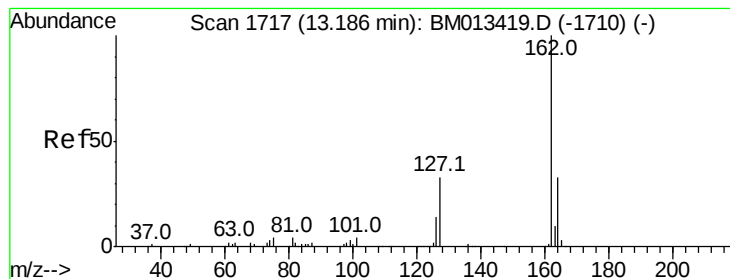
#40
 1,1'-Biphenyl
 Concen: 19.092 ng/ul
 RT: 13.14 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM013443.D
 Acq: 15 Dec 2017 17:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.6	32.6	48.8
76	11.2	8.5	12.7



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

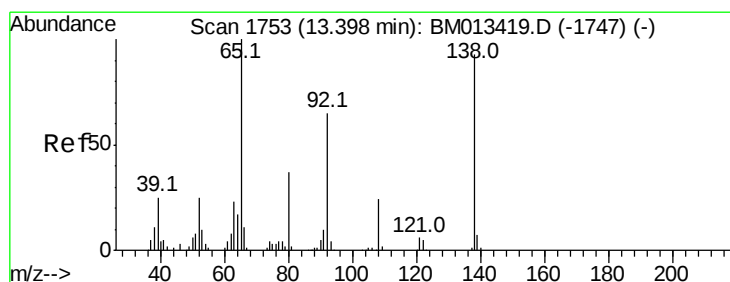
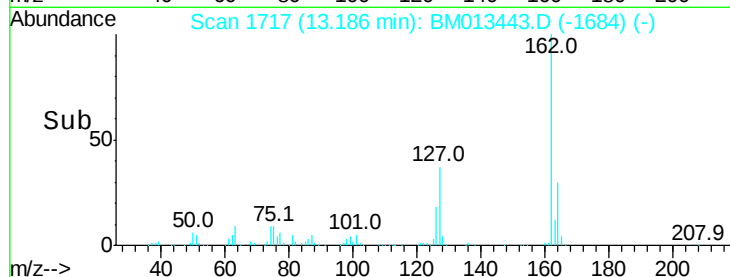
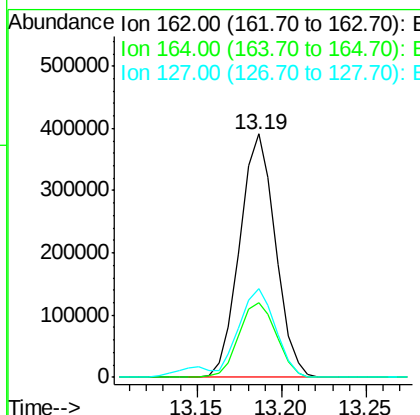
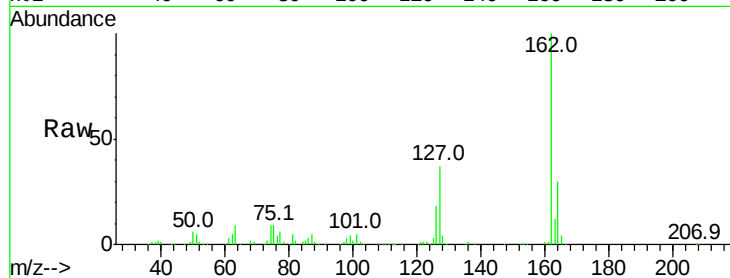




#41
 2-Chloronaphthalene
 Concen: 19.552 ng/ul
 RT: 13.19 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM013443.D
 Acq: 15 Dec 2017 17:58

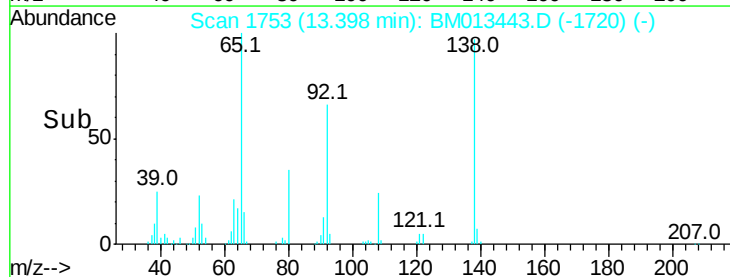
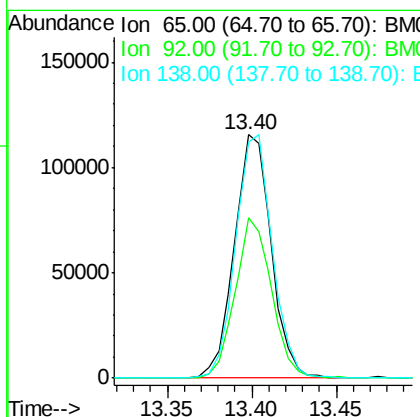
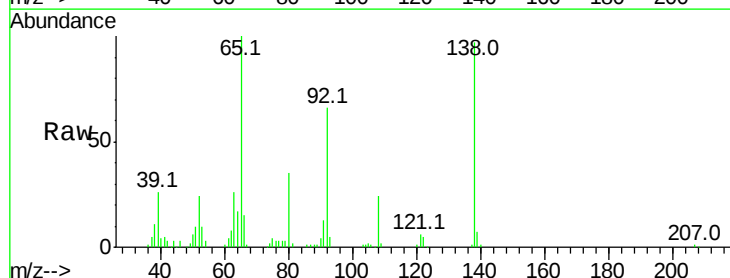
Instrument :
 BNA_M
 ClientSampleId :

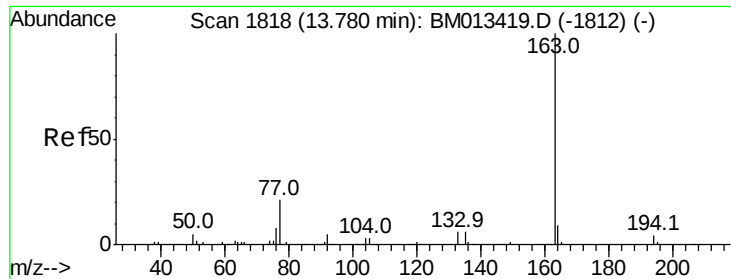
Tot Ion	Ratio	Lower	Upper
162	100		
164	30.5	25.9	38.9
127	36.5	29.4	44.2



#42
 2-Nitroaniline
 Concen: 20.270 ng/ul
 RT: 13.40 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BM013443.D
 Acq: 15 Dec 2017 17:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	51.8	77.6
138	97.0	74.2	111.4

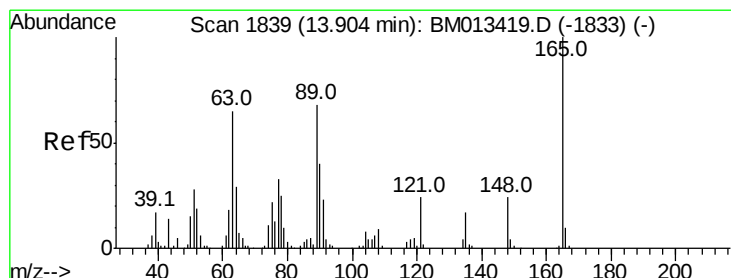
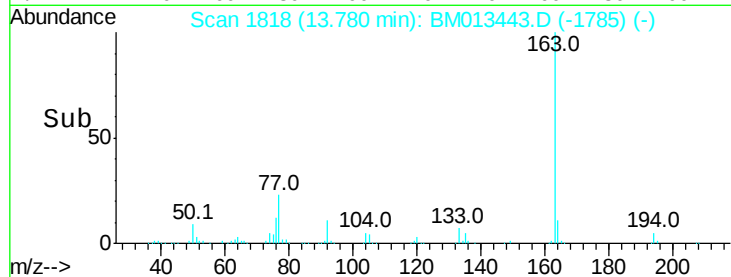
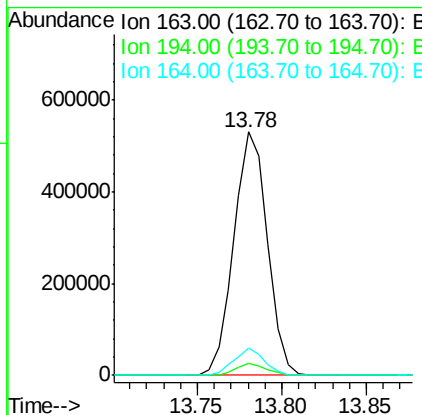
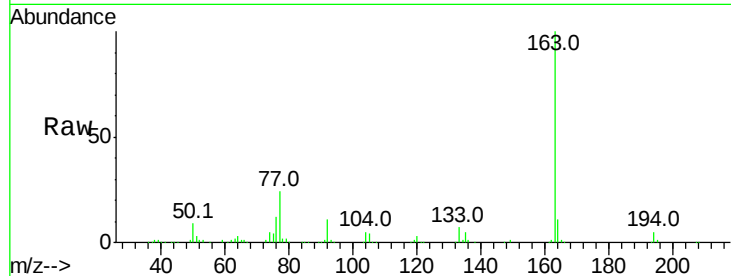




#44
Dimethylphthalate
Concen: 19.336 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM013443.D
Acq: 15 Dec 2017 17:58

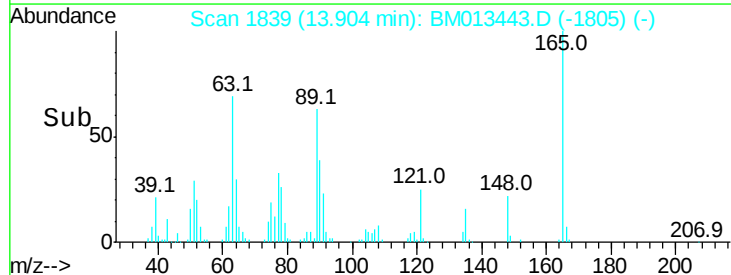
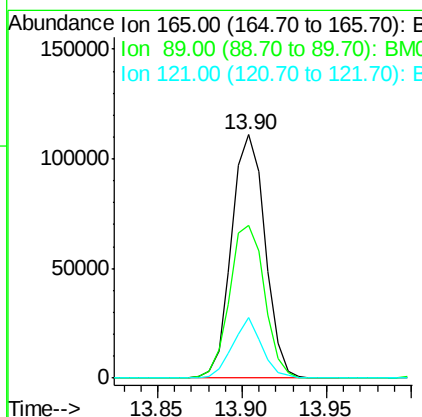
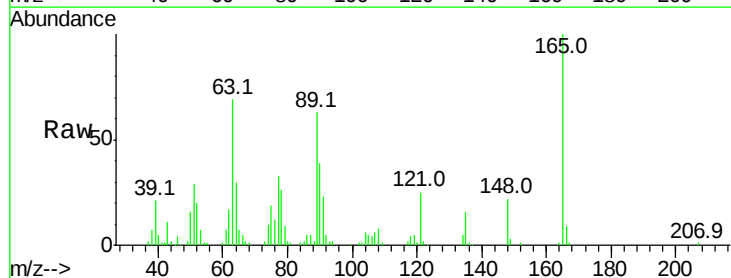
Instrument :
BNA_M
ClientSampleId :

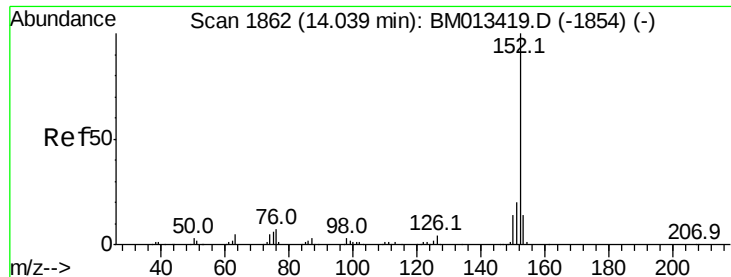
Tot Ion:163 Resp: 733210
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 11.0 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 19.921 ng/ul
RT: 13.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BM013443.D
Acq: 15 Dec 2017 17:58

Tgt Ion:165 Resp: 154064
Ion Ratio Lower Upper
165 100
89 62.8 52.6 79.0
121 24.7 14.6 22.0#





#47

Acenaphthylene

Concen: 19.593 ng/ul

RT: 14.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

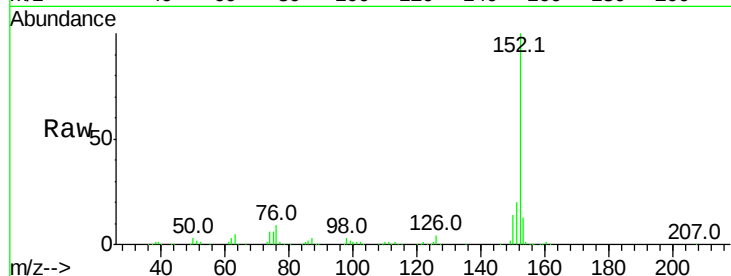
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 887089

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.6	10.2	15.4

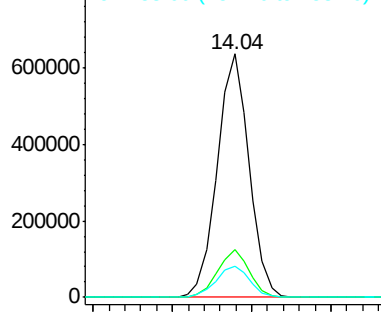


Abundance

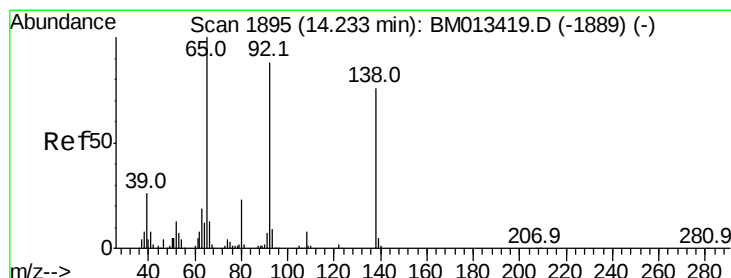
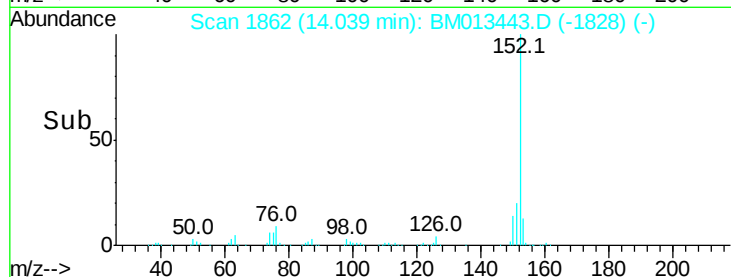
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 13.95 14.00 14.05 14.10



#48

3-Nitroaniline

Concen: 22.508 ng/ul

RT: 14.23 min Scan# 1895

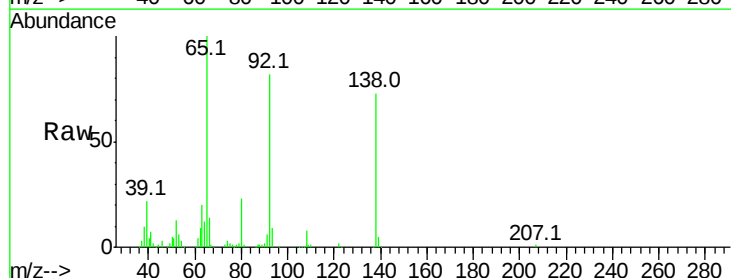
Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Tgt Ion:138 Resp: 155594

Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.9	14.9
92	112.0	105.0	157.4

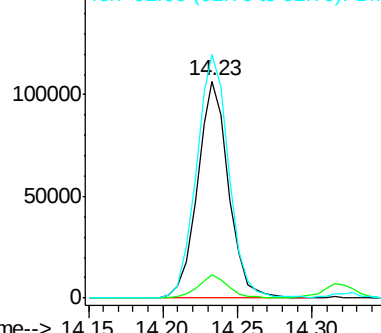


Abundance

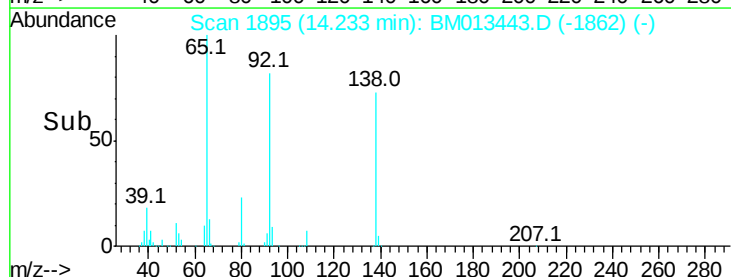
Ion 138.00 (137.70 to 138.70): E

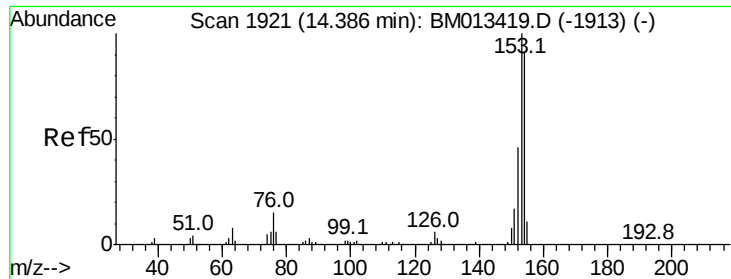
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



Time--> 14.15 14.20 14.25 14.30





#49

Acenaphthene

Concen: 19.409 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

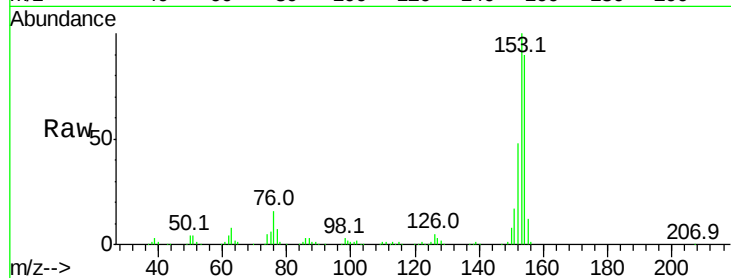
Tot Ion:153 Resp: 598604

Ion Ratio Lower Upper

153 100

152 47.6 37.6 56.4

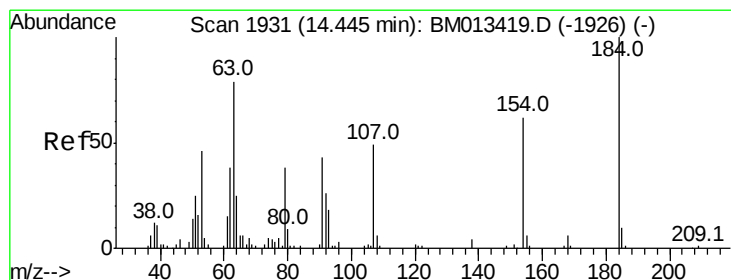
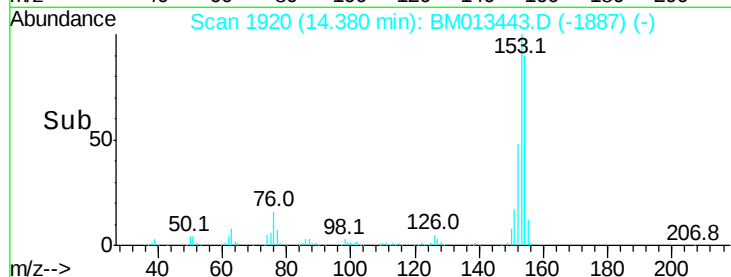
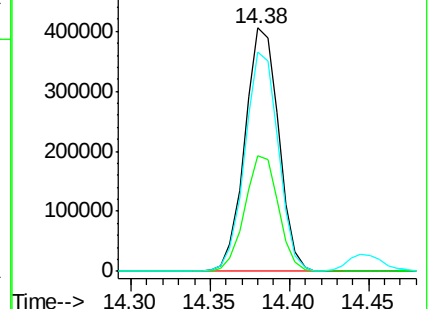
154 89.9 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 16.619 ng/ul

RT: 14.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

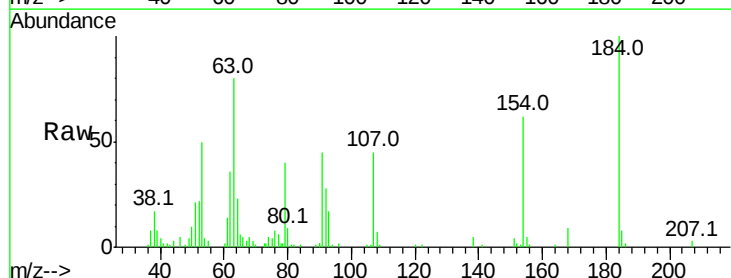
Tgt Ion:184 Resp: 71125

Ion Ratio Lower Upper

184 100

63 80.1 50.1 75.1#

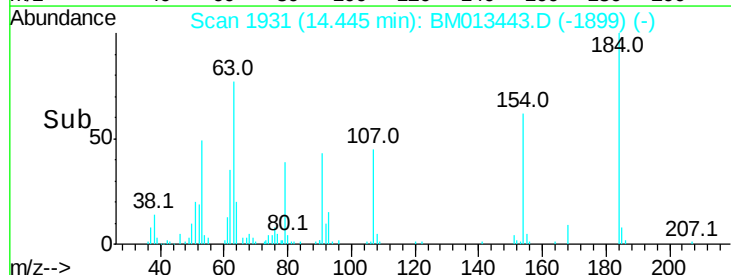
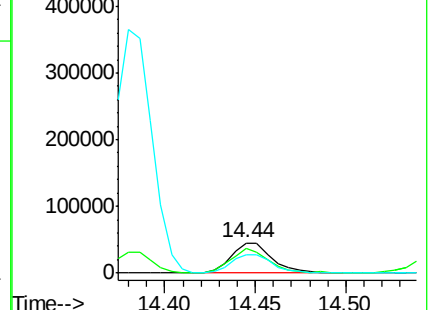
154 62.1 54.5 81.7

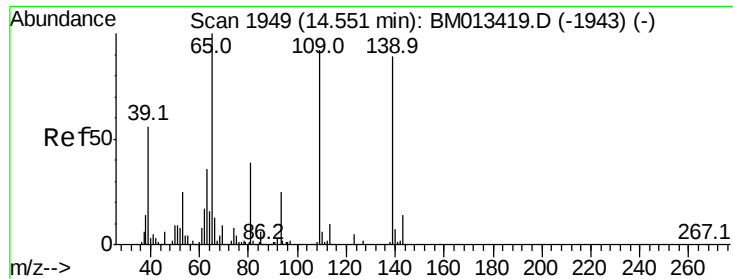


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.818 ng/ul

RT: 14.55 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

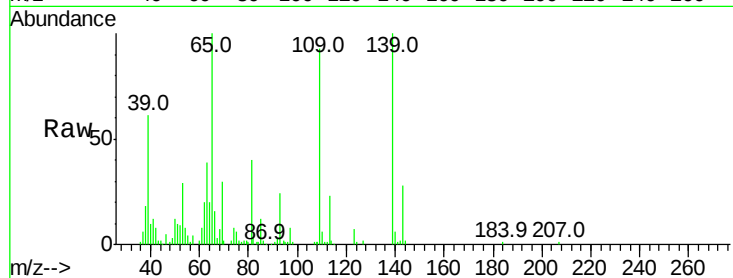
Tot Ion:109 Resp: 127166

Ion Ratio Lower Upper

109 100

139 107.0 80.0 120.0

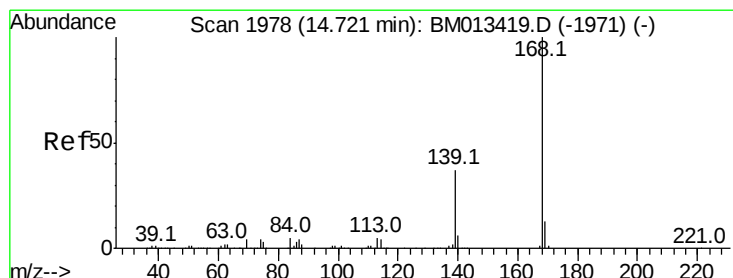
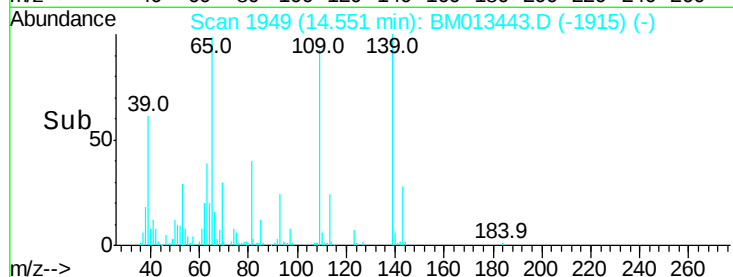
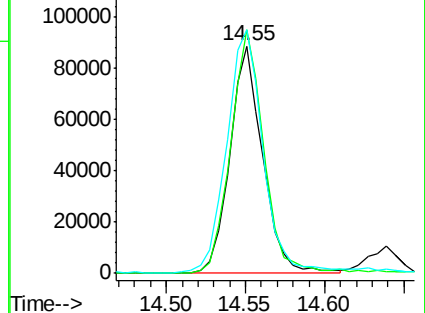
65 107.2 120.0 180.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 19.418 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM013443.D

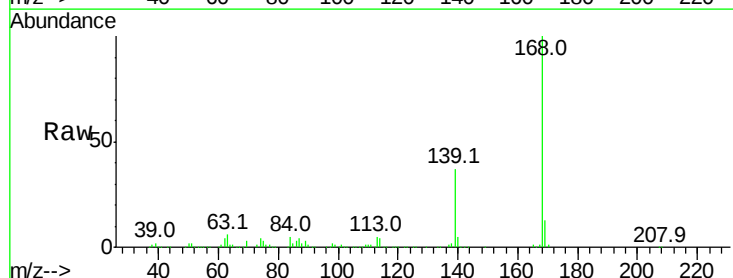
Acq: 15 Dec 2017 17:58

Tgt Ion:168 Resp: 884119

Ion Ratio Lower Upper

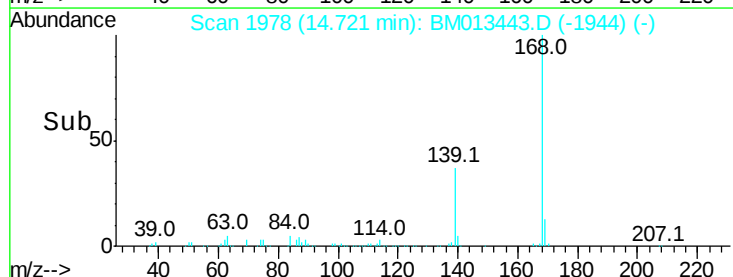
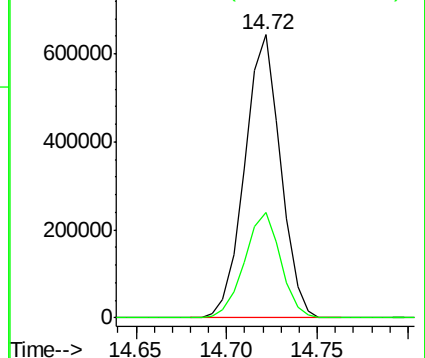
168 100

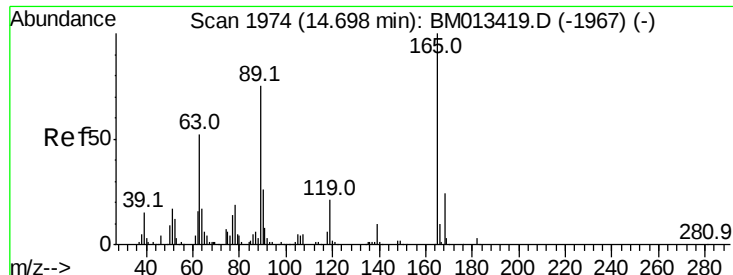
139 37.3 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

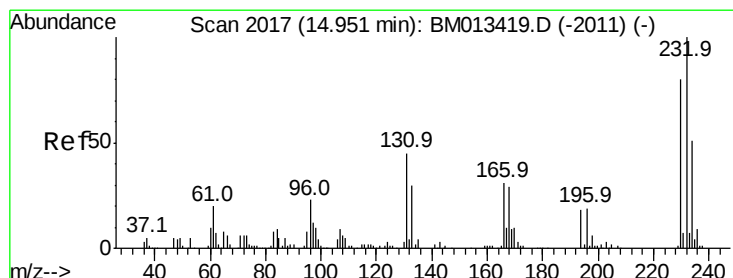
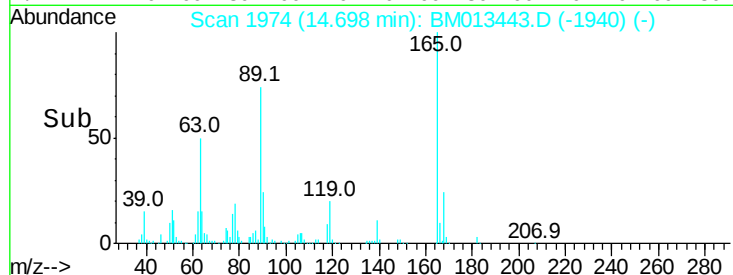
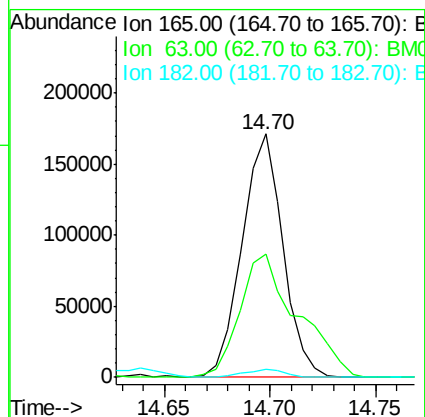
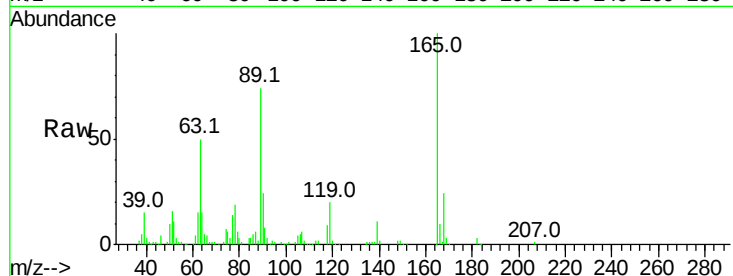




#54
2,4-Dinitrotoluene
Concen: 20.464 ng/ul
RT: 14.70 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM013443.D
Acq: 15 Dec 2017 17:58

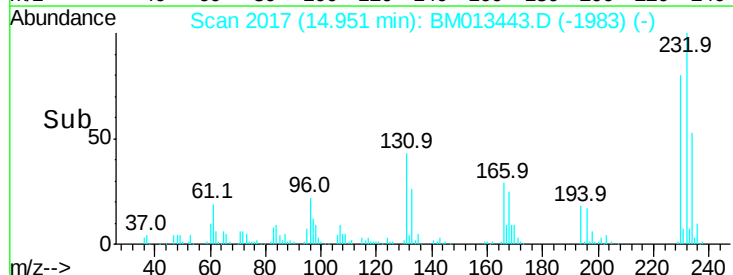
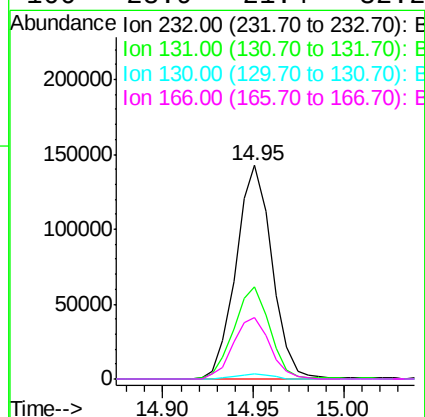
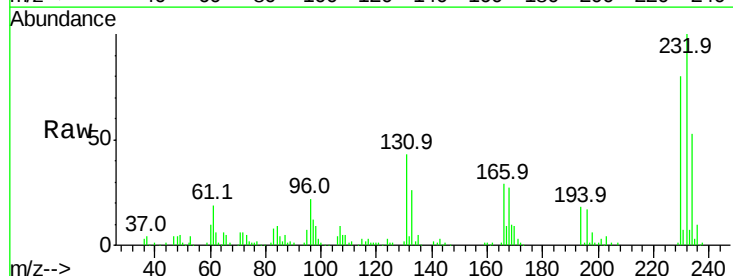
Instrument :
BNA_M
ClientSampleId :

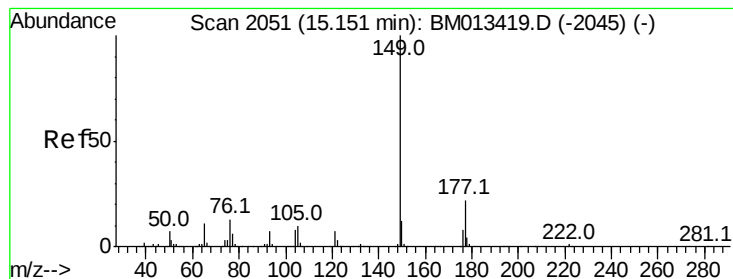
Tot Ion:165 Resp: 230224
Ion Ratio Lower Upper
165 100
63 50.4 45.8 68.8
182 3.5 2.6 4.0



#55
2,3,4,6-Tetrachlorophenol
Concen: 20.288 ng/ul
RT: 14.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM013443.D
Acq: 15 Dec 2017 17:58

Tgt Ion:232 Resp: 198035
Ion Ratio Lower Upper
232 100
131 43.0 29.0 43.4
130 2.3 2.0 3.0
166 28.9 21.4 32.2





#56

Diethylphthalate

Concen: 19.840 ng/ul

RT: 15.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

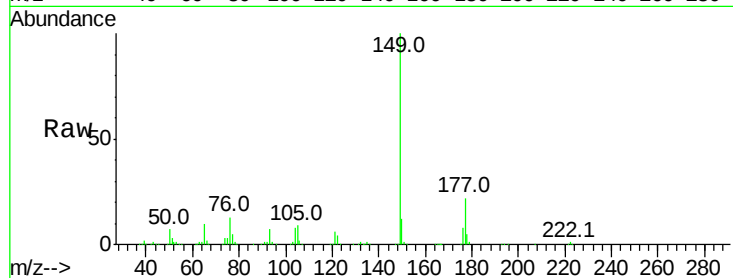
Tot Ion:149 Resp: 754555

Ion Ratio Lower Upper

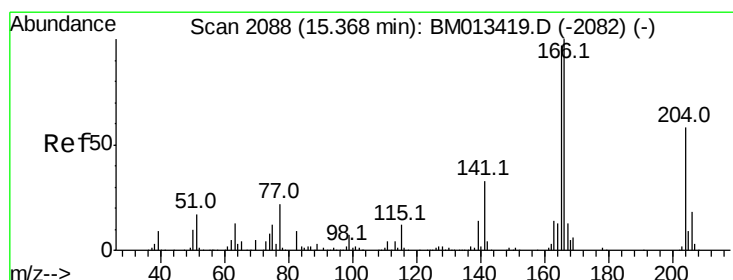
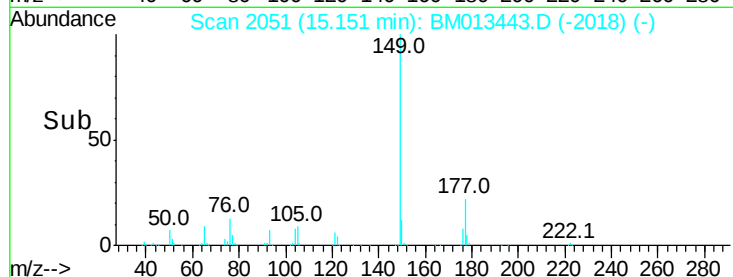
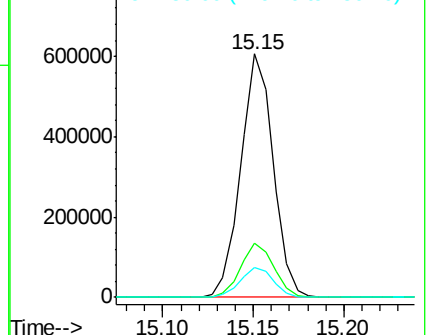
149 100

177 22.0 20.5 30.7

150 12.3 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 19.528 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

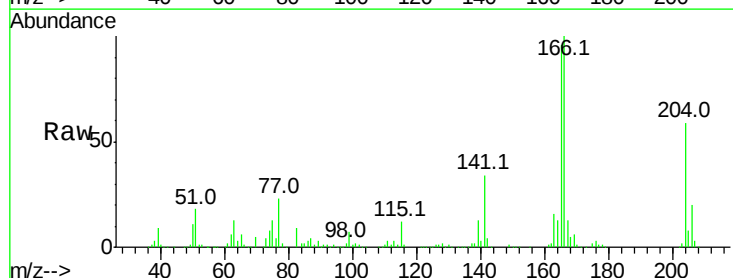
Tgt Ion:166 Resp: 735575

Ion Ratio Lower Upper

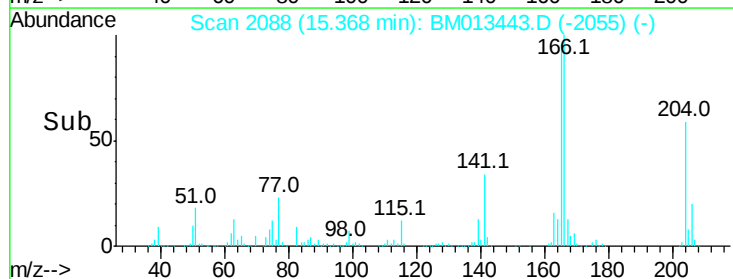
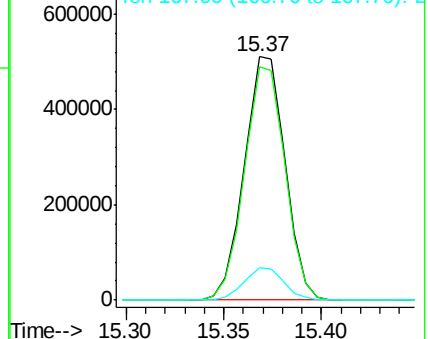
166 100

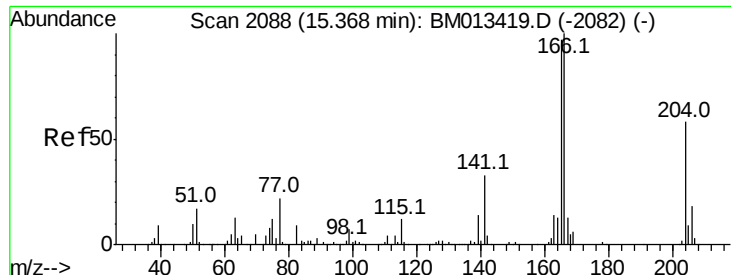
165 96.1 77.9 116.9

167 13.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

4-Chlorophenyl-phenylether

Concen: 19.091 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

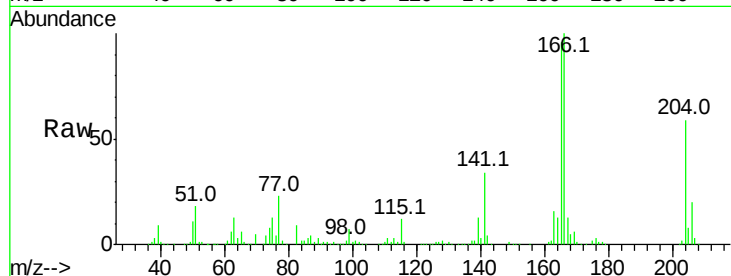
Tot Ion:204 Resp: 390289

Ion Ratio Lower Upper

204 100

206 34.4 24.8 37.2

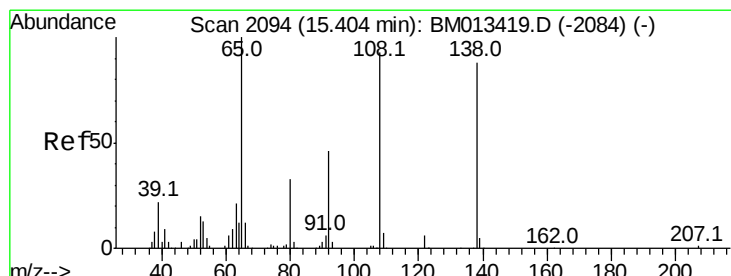
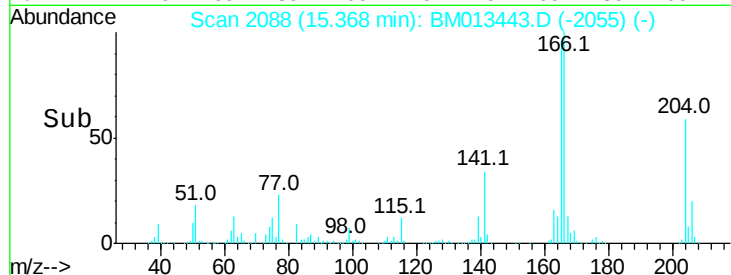
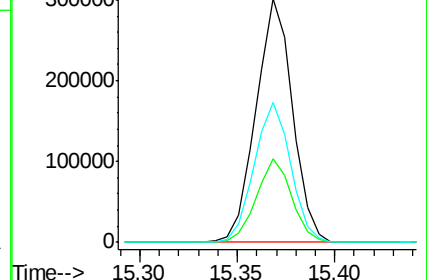
141 57.3 44.3 66.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 21.628 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

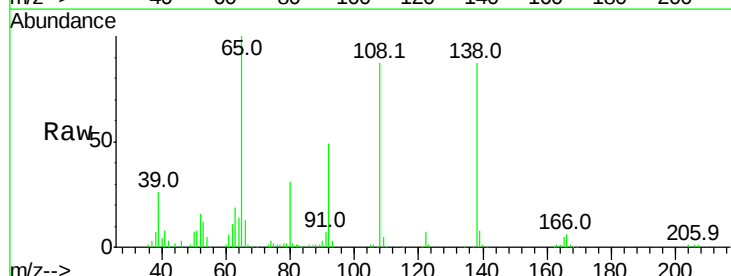
Tgt Ion:138 Resp: 176397

Ion Ratio Lower Upper

138 100

92 56.5 40.0 60.0

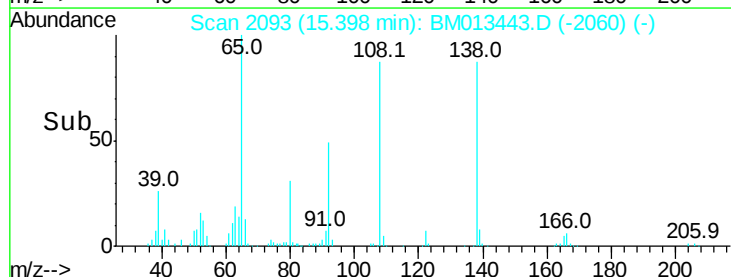
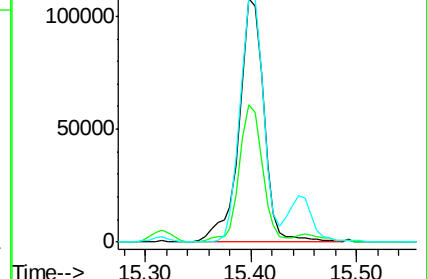
108 100.0 80.0 120.0

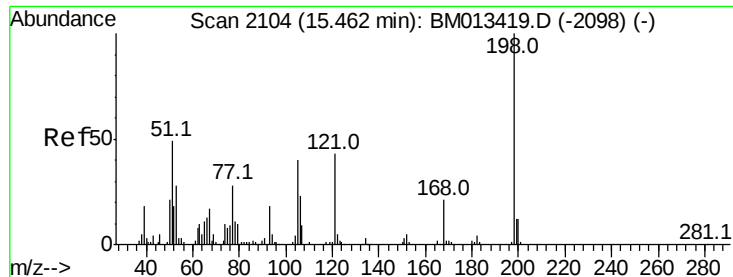


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

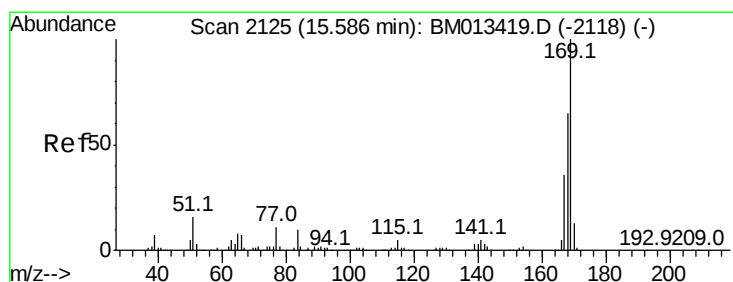
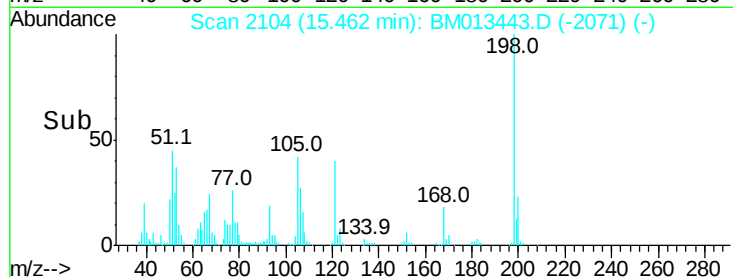
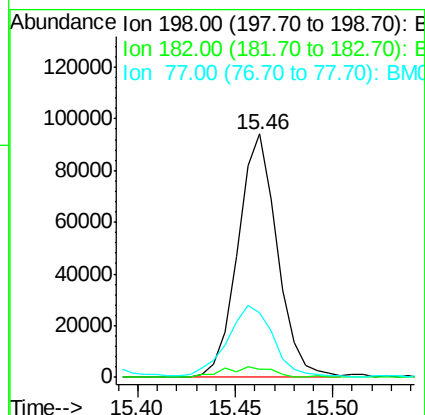
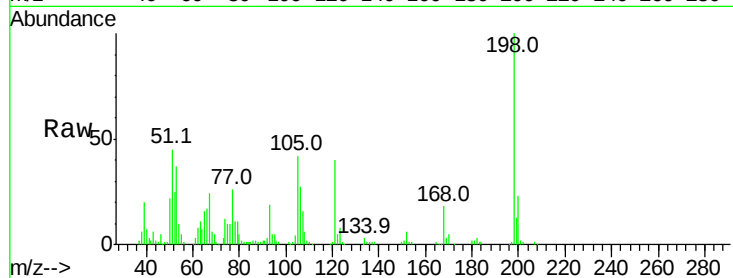




#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.950 ng/ul
 RT: 15.46 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM013443.D
 Acq: 15 Dec 2017 17:58

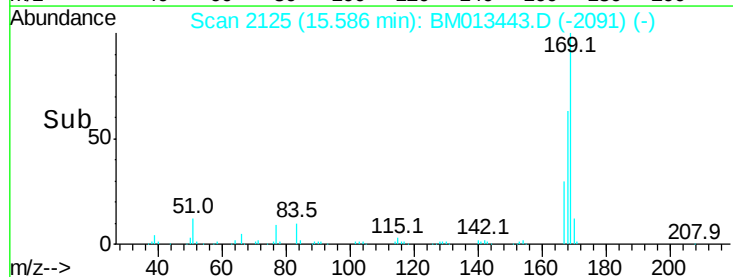
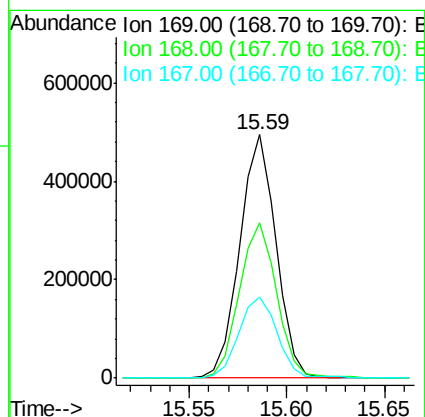
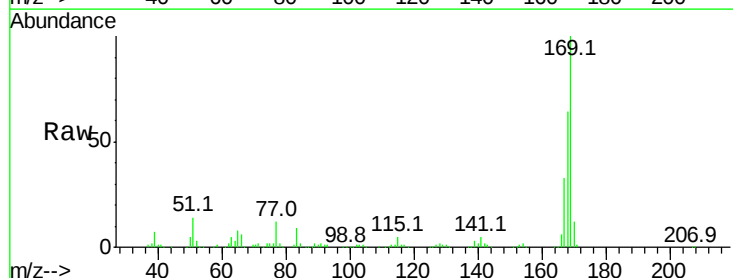
Instrument :
 BNA_M
 ClientSampleId :

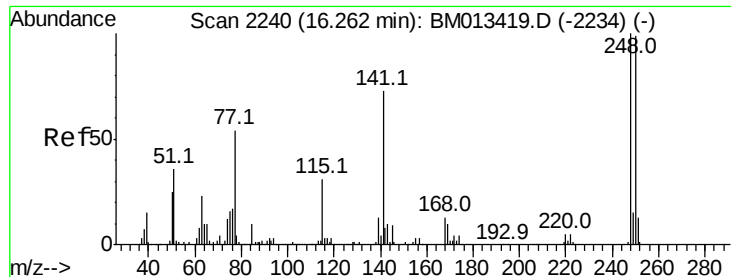
Tot Ion:198 Resp: 131231
 Ion Ratio Lower Upper
 198 100
 182 3.2 3.8 5.6#
 77 26.3 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 19.627 ng/ul
 RT: 15.59 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BM013443.D
 Acq: 15 Dec 2017 17:58

Tgt Ion:169 Resp: 636888
 Ion Ratio Lower Upper
 169 100
 168 63.6 54.0 81.0
 167 33.2 29.1 43.7





#65

4-Bromophenyl-phenylether

Concen: 19.392 ng/ul

RT: 16.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampled :

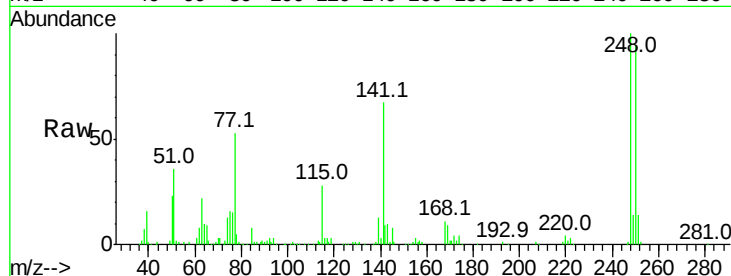
Tot Ion:248 Resp: 251112

Ion Ratio Lower Upper

248 100

250 93.8 80.5 120.7

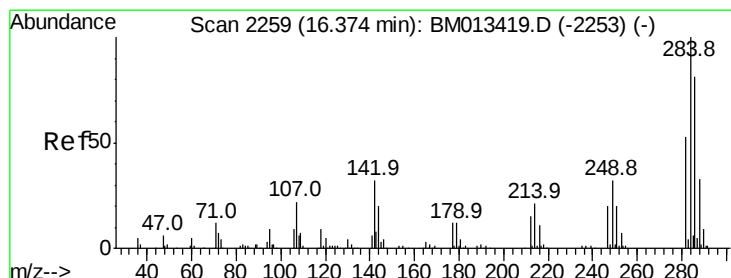
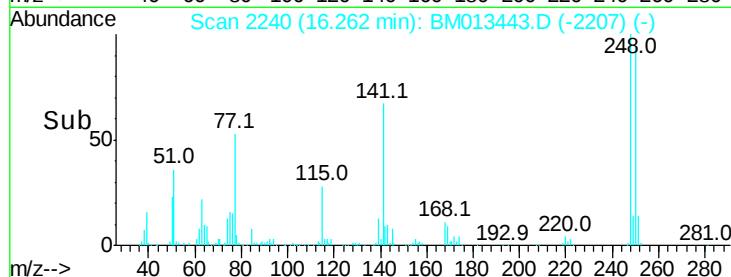
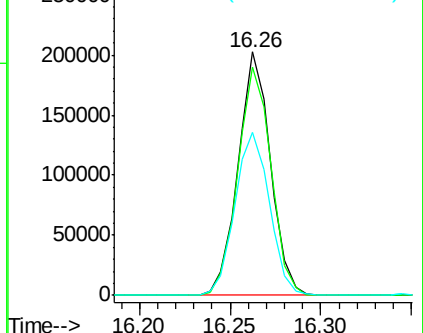
141 67.0 53.6 80.4



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



#66

Hexachlorobenzene

Concen: 19.277 ng/ul

RT: 16.37 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

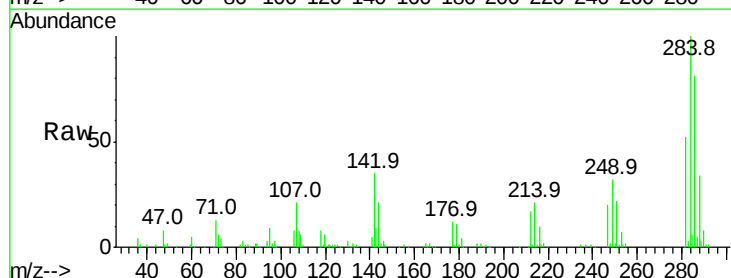
Tgt Ion:284 Resp: 275285

Ion Ratio Lower Upper

284 100

142 35.2 21.2 31.8#

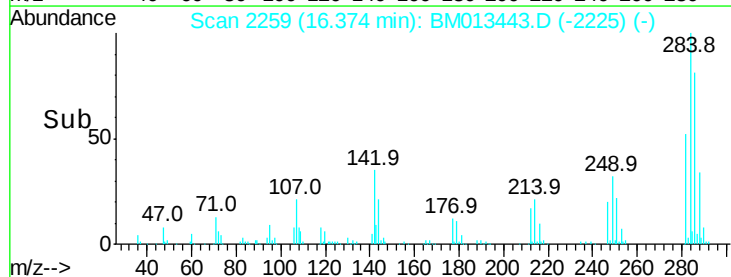
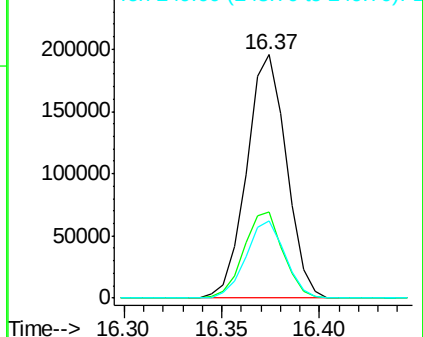
249 31.9 24.5 36.7

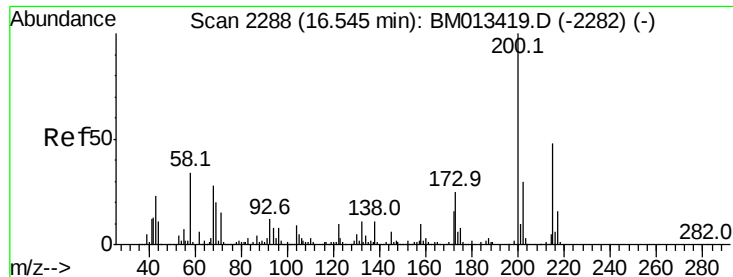


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

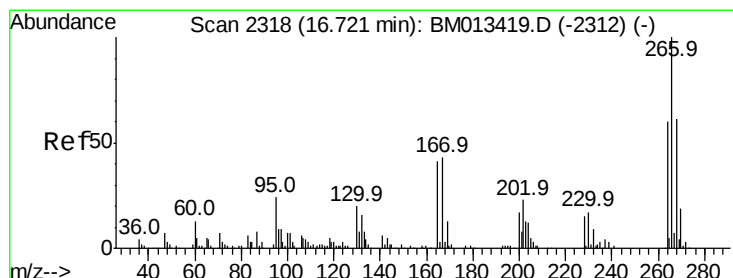
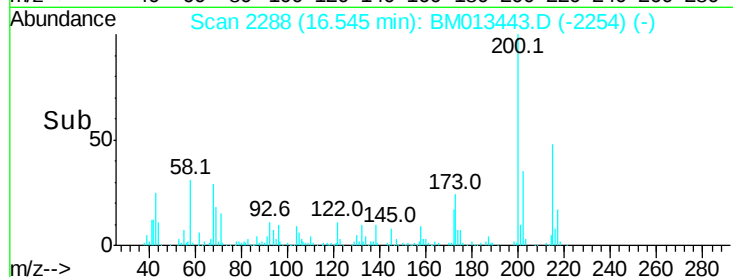
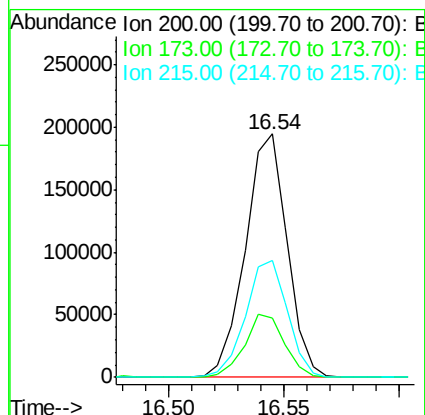
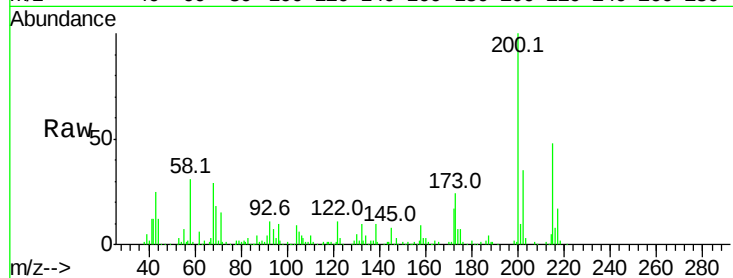




#67
Atrazine
Concen: 20.601 ng/ul
RT: 16.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BM013443.D
Acq: 15 Dec 2017 17:58

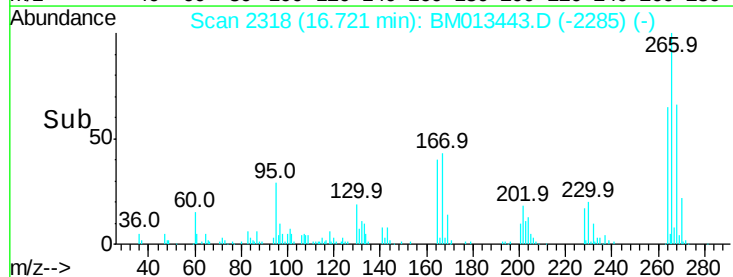
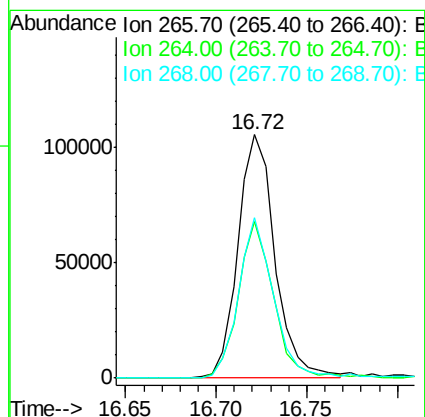
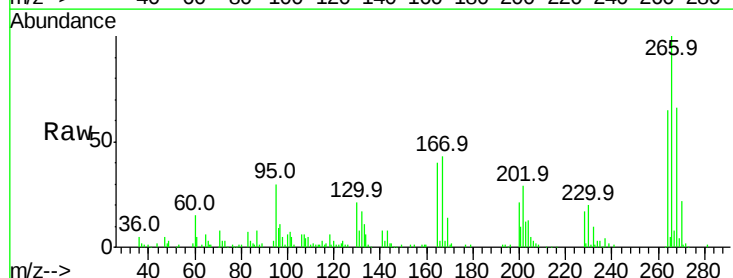
Instrument :
BNA_M
ClientSampleId :

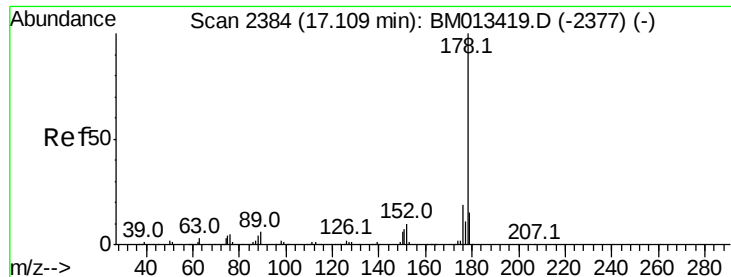
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.1	18.2	27.2
215	48.0	35.0	52.4



#68
Pentachlorophenol
Concen: 18.127 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BM013443.D
Acq: 15 Dec 2017 17:58

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.6	49.3	73.9
268	65.8	52.6	78.8





#69

Phenanthrene

Concen: 19.715 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

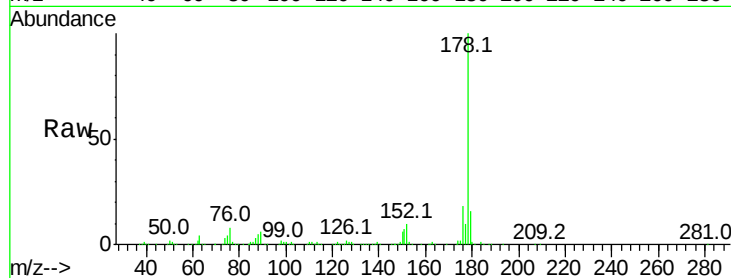
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1233842

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	17.9	14.9	22.3

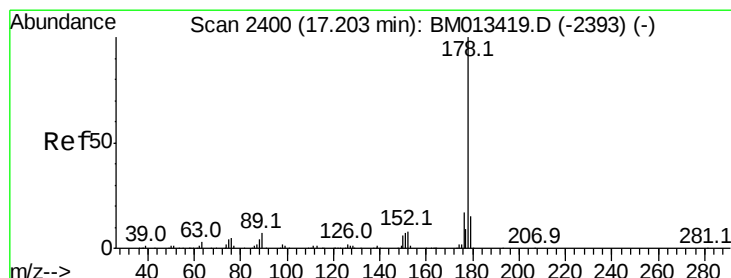
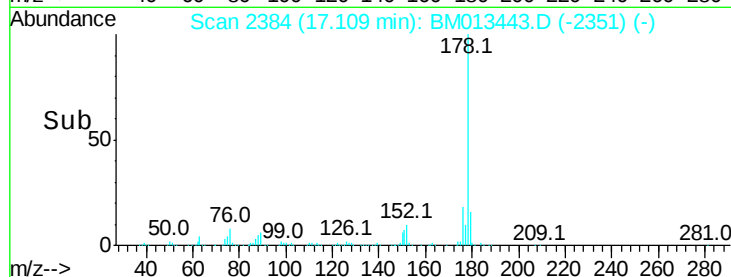
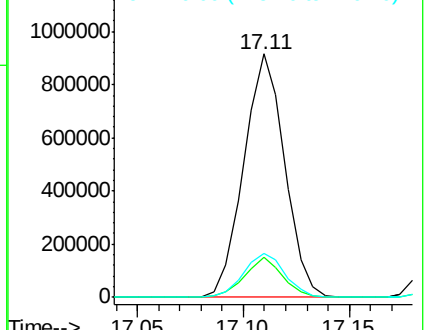


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.543 ng/ul

RT: 17.20 min Scan# 2400

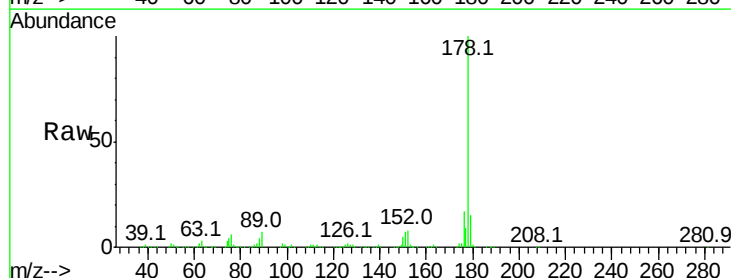
Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Tgt Ion:178 Resp: 1250148

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	17.3	14.6	21.8

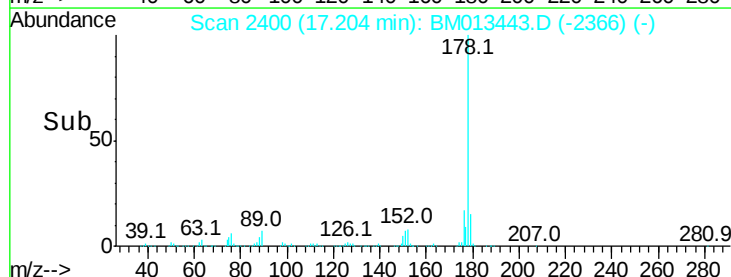
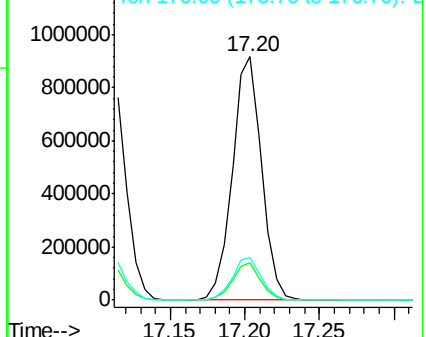


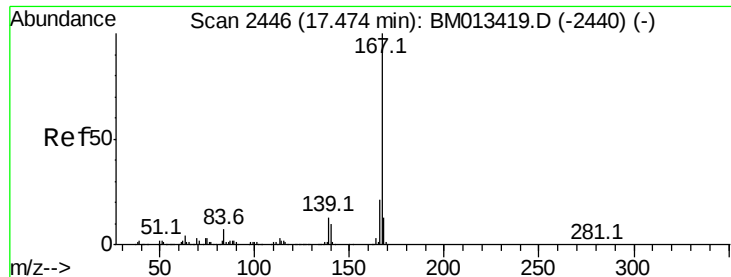
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 19.641 ng/ul

RT: 17.47 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

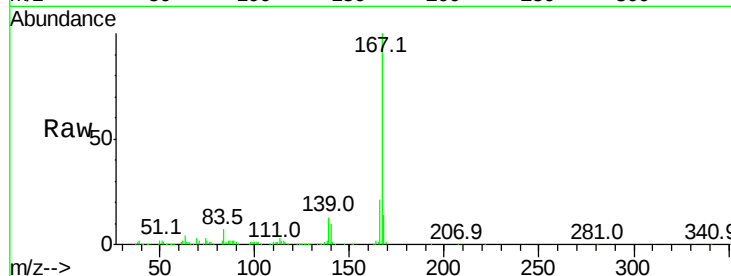
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 1080703

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.8	10.0	15.0

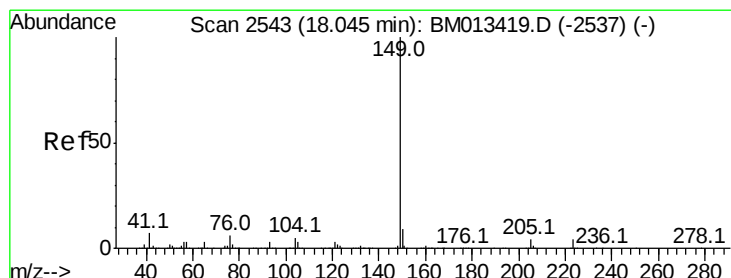
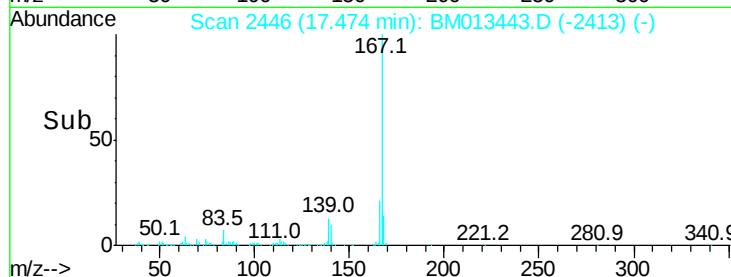
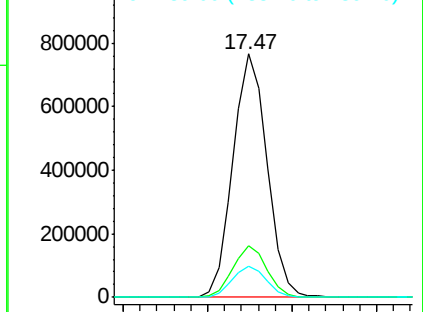


Abundance

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



#73

Di-n-butylphthalate

Concen: 20.250 ng/ul

RT: 18.04 min Scan# 2543

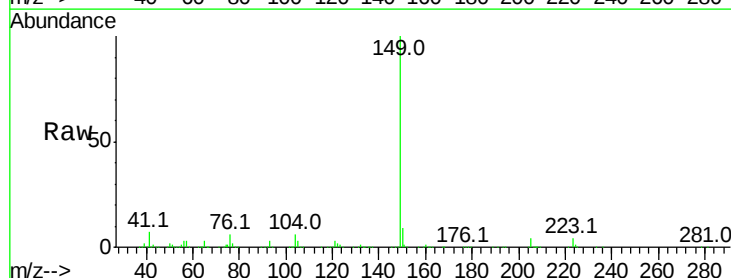
Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Tgt Ion:149 Resp: 1300752

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.1	10.7
104	6.0	5.6	8.4

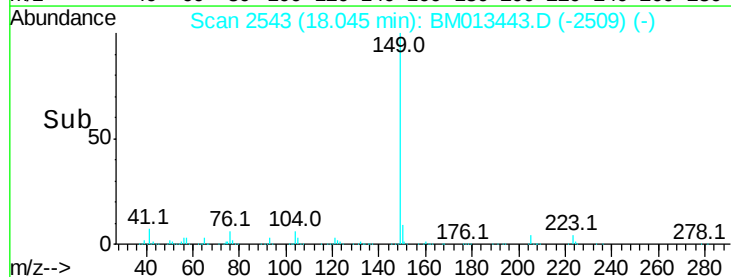
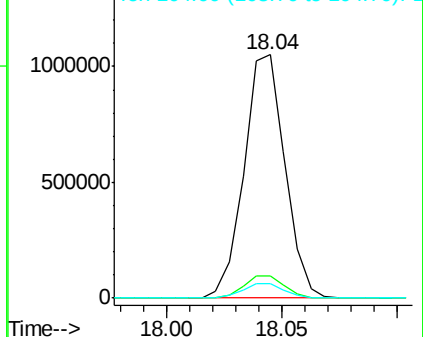


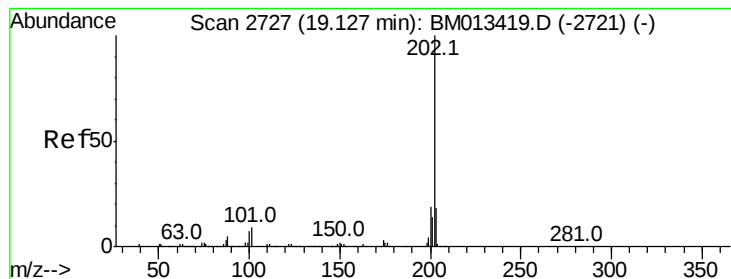
Abundance

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





#74

Fluoranthene

Concen: 19.794 ng/ul

RT: 19.13 min Scan# 2728

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

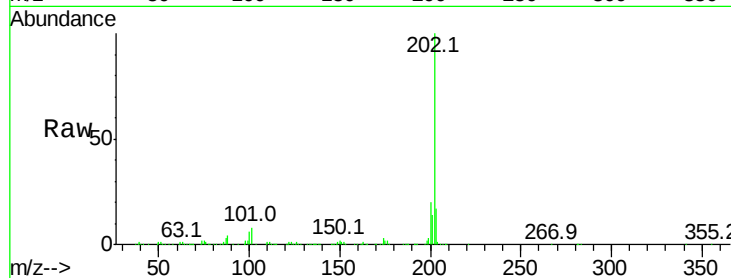
Tot Ion:202 Resp: 1518059

Ion Ratio Lower Upper

202 100

101 7.7 4.6 7.0#

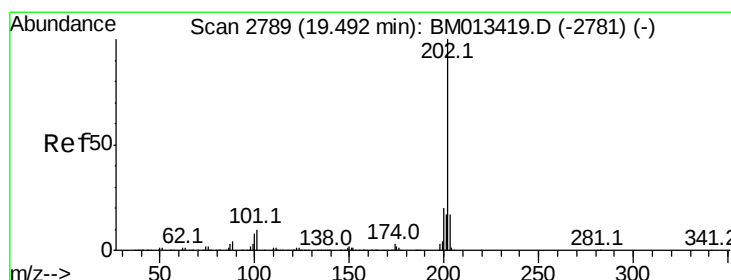
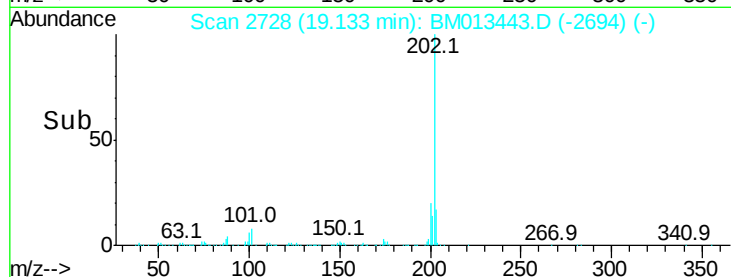
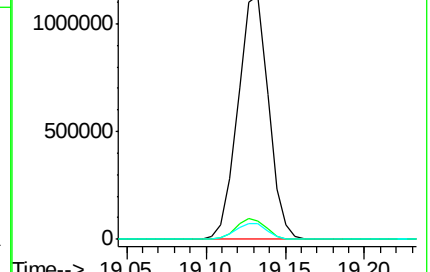
100 6.2 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 19.566 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

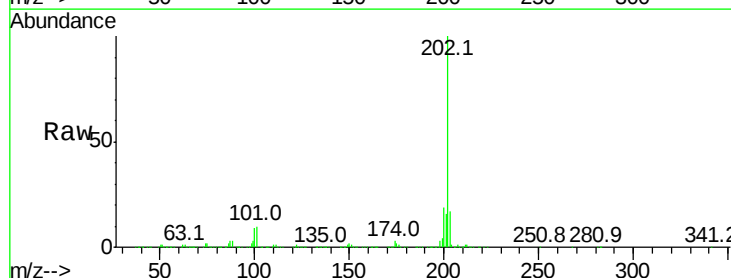
Tgt Ion:202 Resp: 1548492

Ion Ratio Lower Upper

202 100

101 10.4 5.1 7.7#

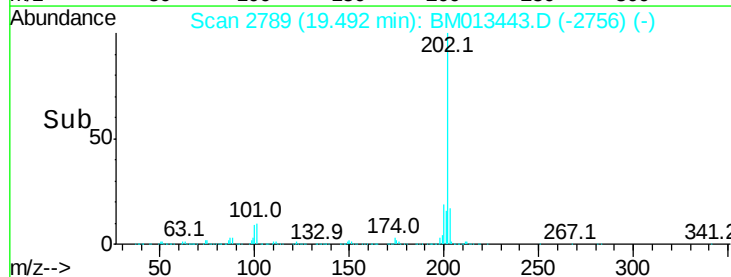
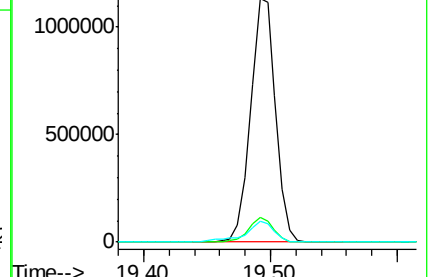
100 8.7 4.9 7.3#

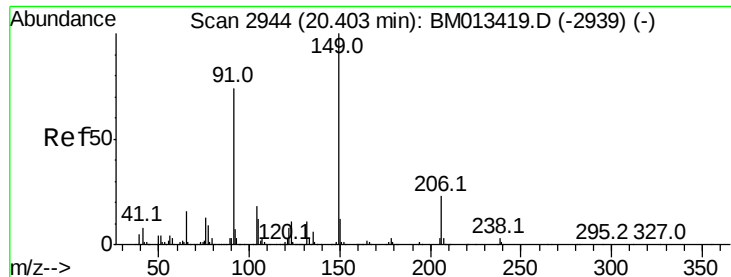


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 20.185 ng/ul

RT: 20.40 min Scan# 2944

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

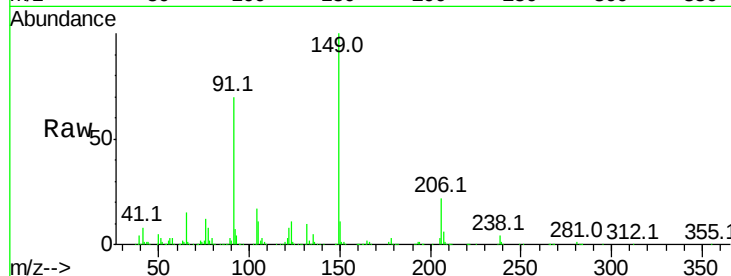
Tot Ion:149 Resp: 624172

Ion	Ratio	Lower	Upper
149	100		
91	70.3	62.7	94.1
206	21.9	20.8	31.2

149 100

91 70.3 62.7 94.1

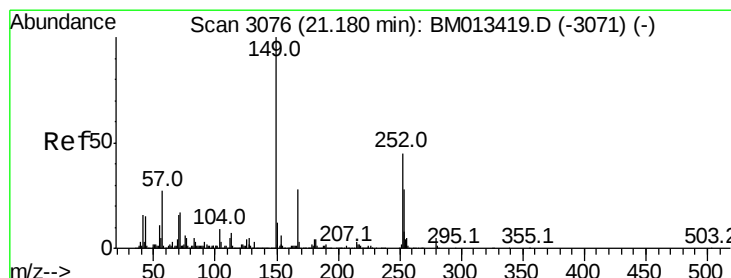
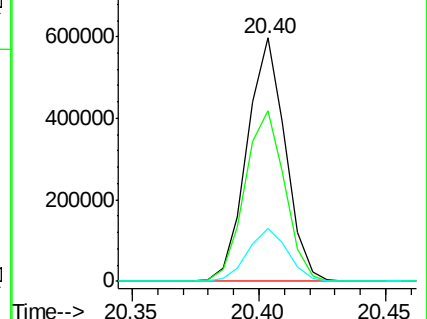
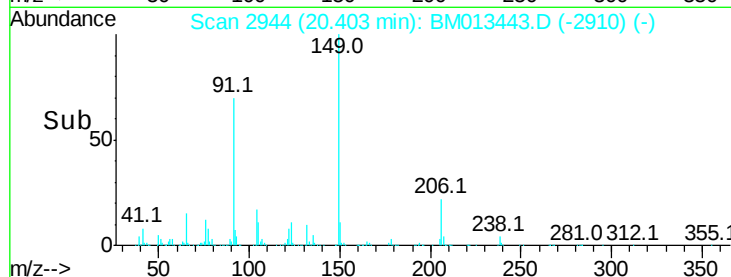
206 21.9 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM013443.D (-2910) (-)

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 18.371 ng/ul

RT: 21.18 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

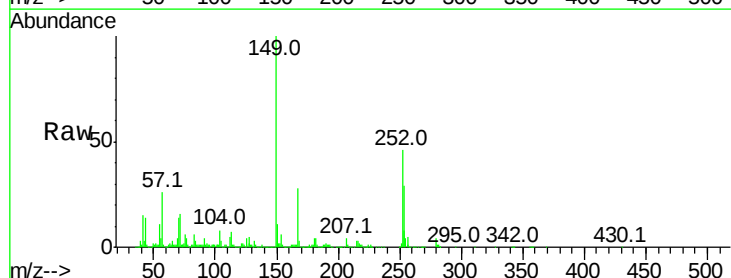
Tgt Ion:252 Resp: 503085

Ion	Ratio	Lower	Upper
252	100		
254	64.3	54.5	81.7
126	9.5	5.8	8.8#

252 100

254 64.3 54.5 81.7

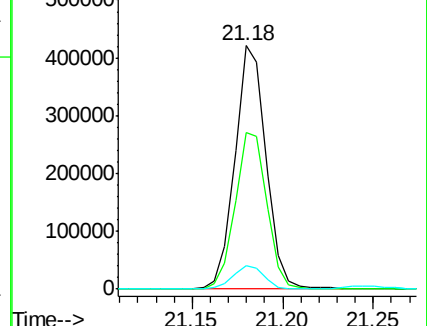
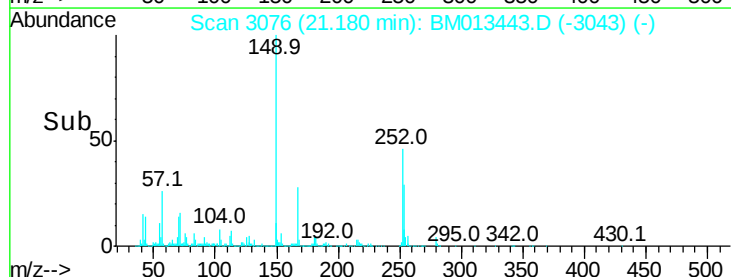
126 9.5 5.8 8.8#

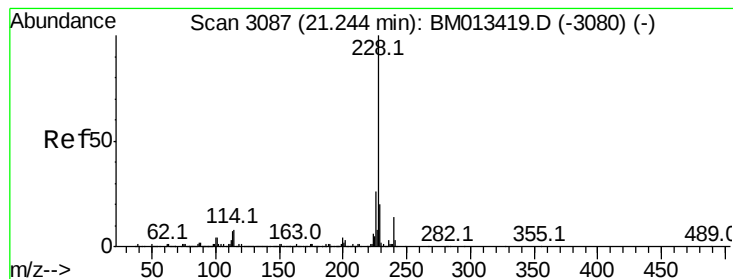


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.404 ng/ul

RT: 21.24 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

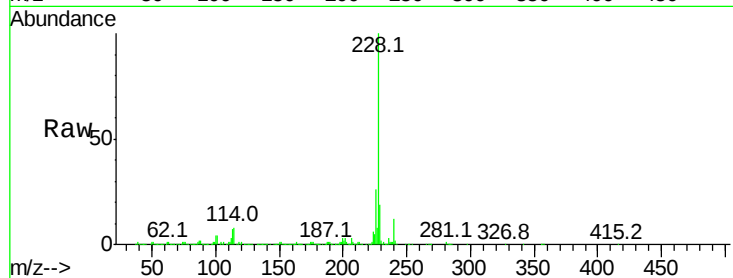
Tot Ion:228 Resp: 1603769

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.4	23.0
226	25.7	21.4	32.0

228 100

229 19.4 15.4 23.0

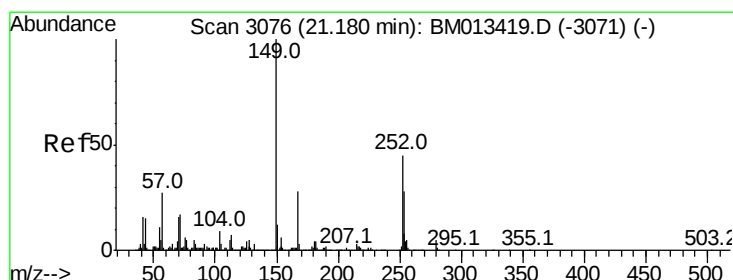
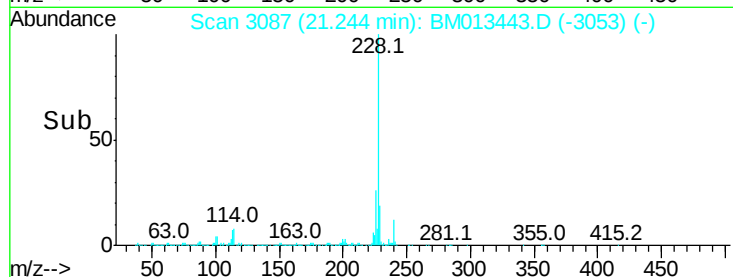
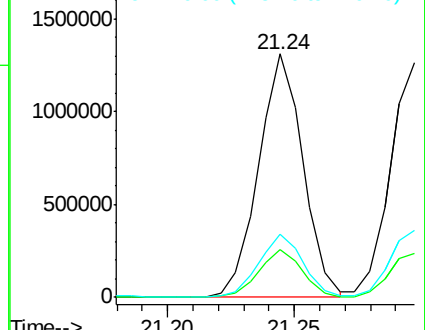
226 25.7 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 19.347 ng/ul

RT: 21.18 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

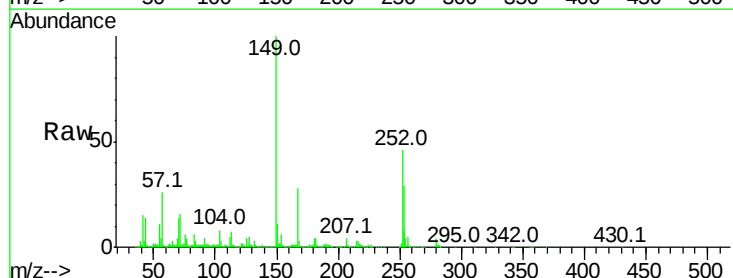
Tgt Ion:149 Resp: 901774

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	4.4	4.9	7.3#

149 100

167 27.8 22.8 34.2

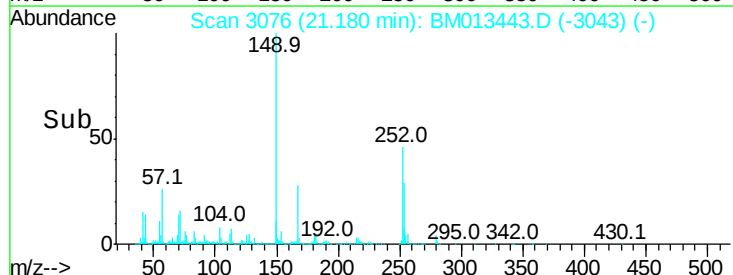
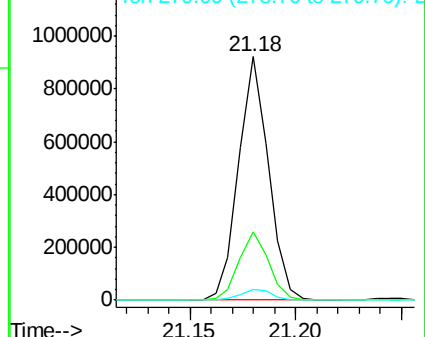
279 4.4 4.9 7.3#

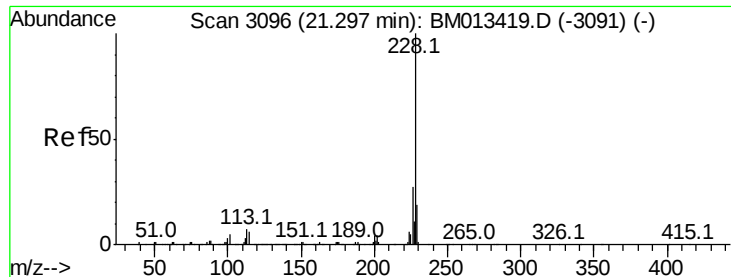


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.393 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

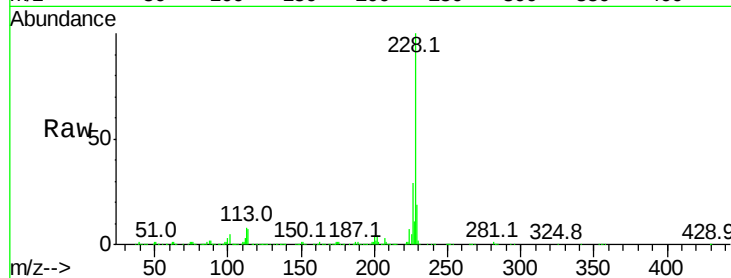
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1487049

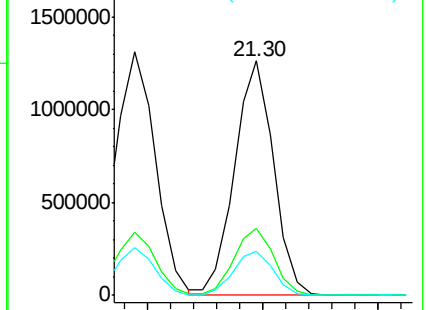
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	18.7	15.5	23.3



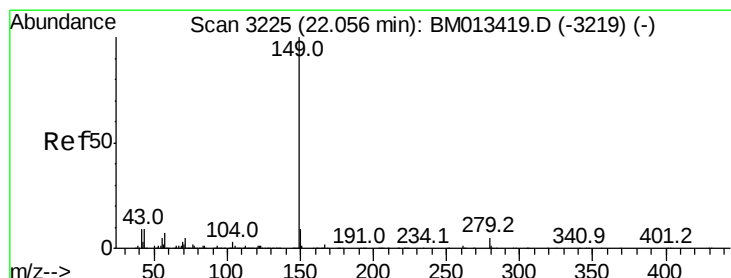
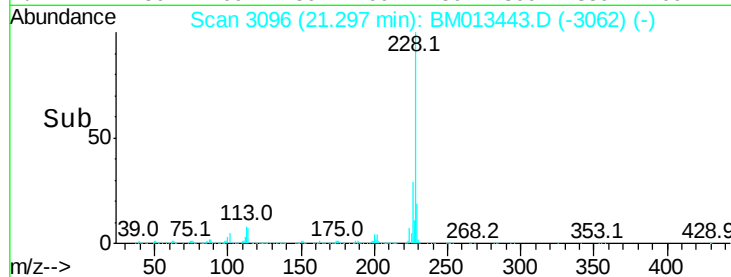
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 18.739 ng/ul

RT: 22.06 min Scan# 3225

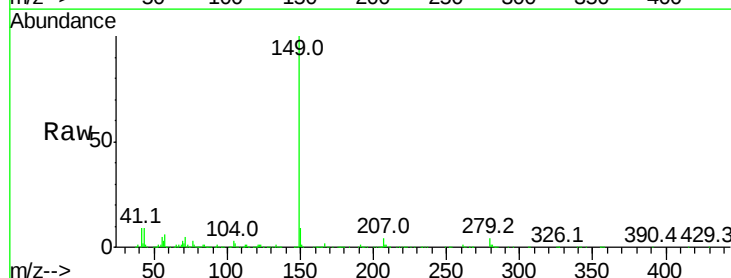
Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Tgt Ion:149 Resp: 1528932

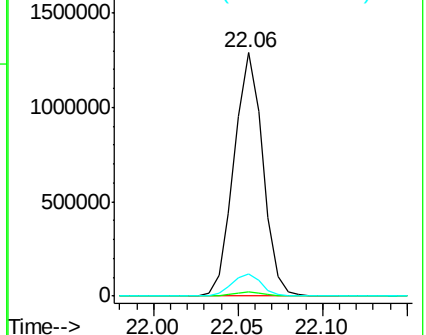
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.3	10.9



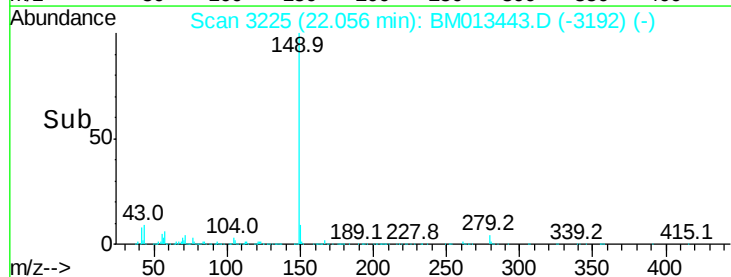
Abundance Ion 149.00 (148.70 to 149.70): E

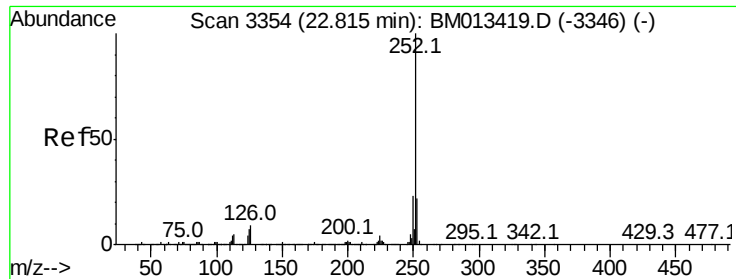
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0



Time-->





#85

Benzo(b)fluoranthene

Concen: 19.531 ng/ul

RT: 22.81 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

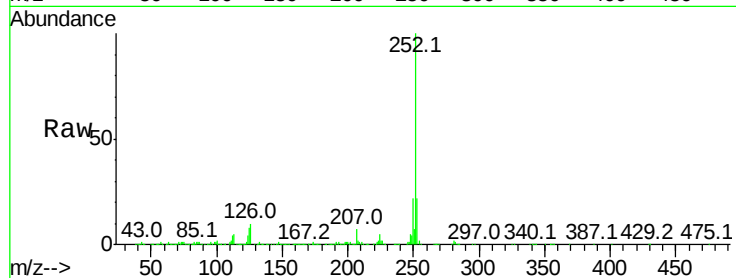
Tot Ion:252 Resp: 1510611

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

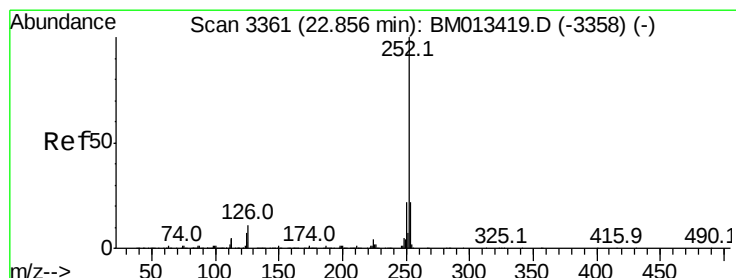
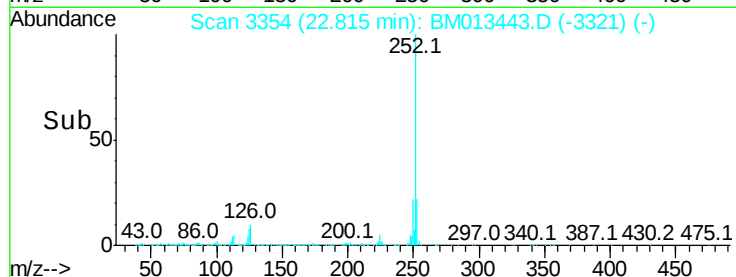
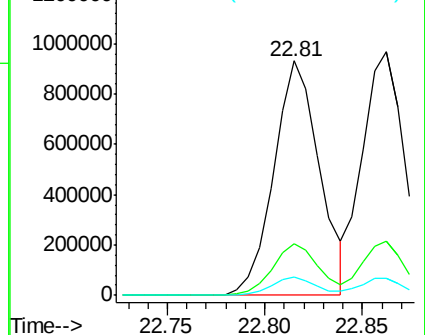
125 7.8 3.6 5.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 19.812 ng/ul

RT: 22.86 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

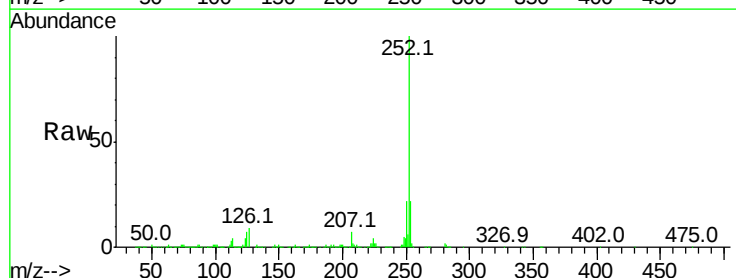
Tgt Ion:252 Resp: 1442068

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

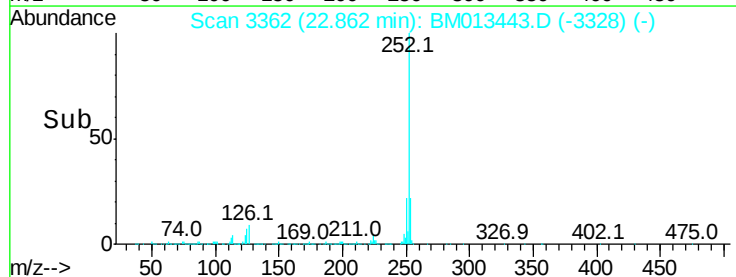
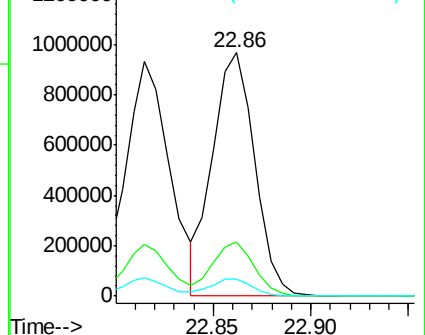
125 7.0 3.4 5.2#

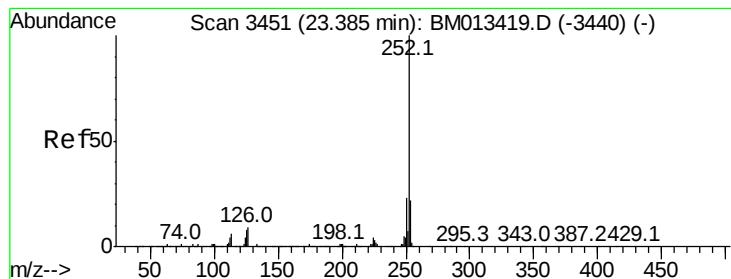


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.624 ng/ul

RT: 23.39 min Scan# 3451

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampled :

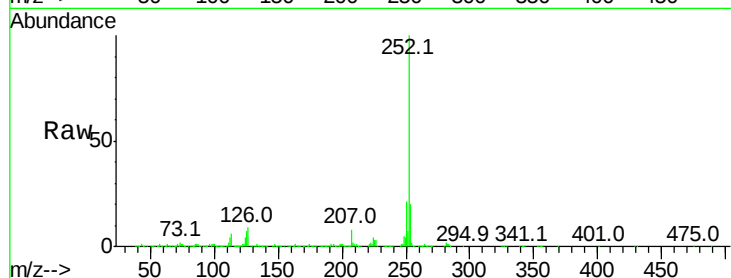
Tot Ion:252 Resp: 1363436

Ion	Ratio	Lower	Upper
252	100		
253	20.2	18.2	27.2
125	7.3	4.0	6.0

252 100

253 20.2 18.2 27.2

125 7.3 4.0 6.0

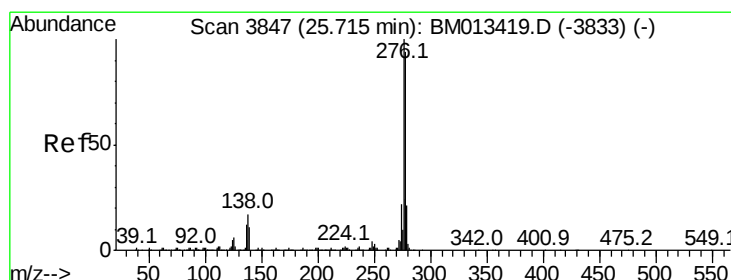
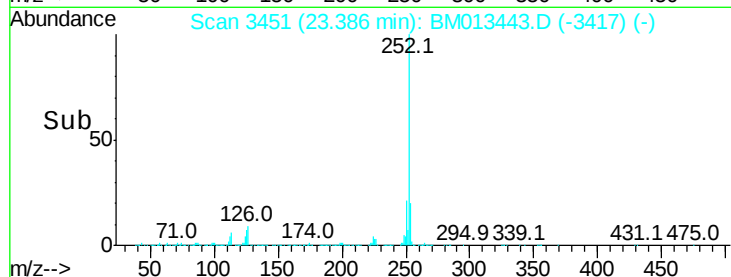
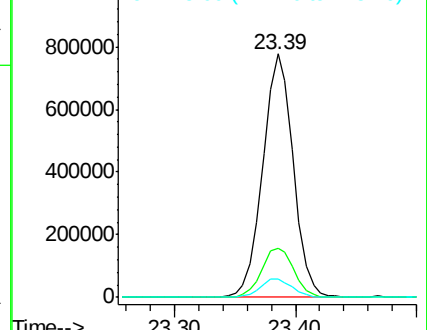


Abundance

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

Indeno(1,2,3-cd)pyrene

Concen: 19.792 ng/ul

RT: 25.71 min Scan# 3847

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

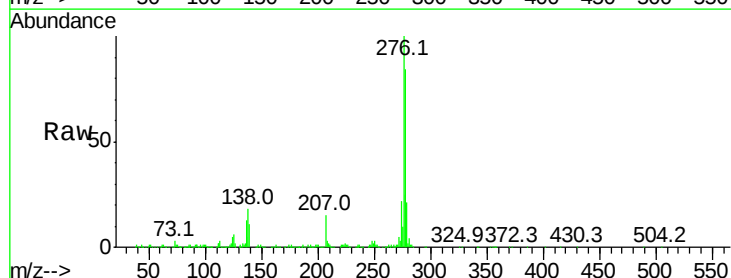
Tgt Ion:276 Resp: 1364399

Ion	Ratio	Lower	Upper
276	100		
138	18.0	9.3	13.9
277	25.4	19.9	29.9

276 100

138 18.0 9.3 13.9

277 25.4 19.9 29.9

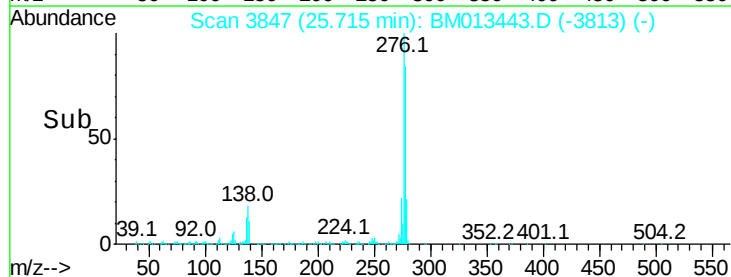
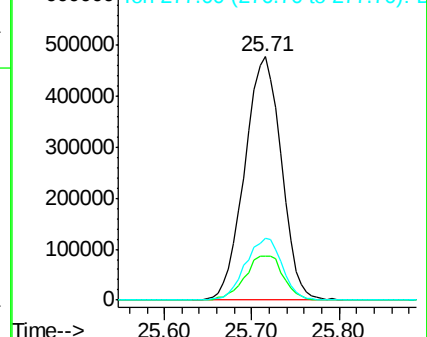


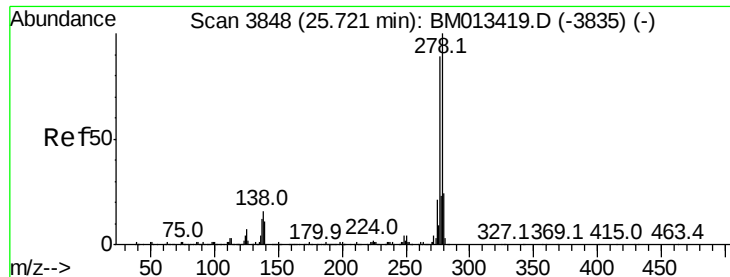
Abundance

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





#90

Dibenzo(a,h)anthracene

Concen: 20.039 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

Instrument :

BNA_M

ClientSampleId :

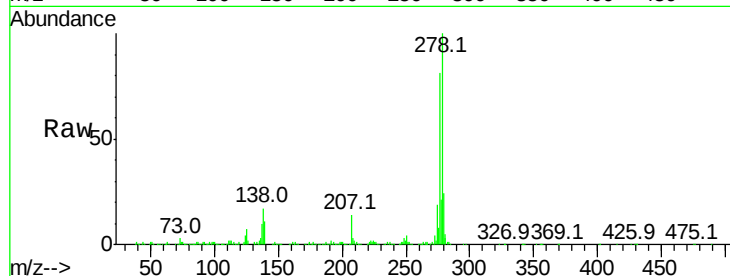
Tot Ion:278 Resp: 1176320

Ion Ratio Lower Upper

278 100

139 11.4 5.8 8.8#

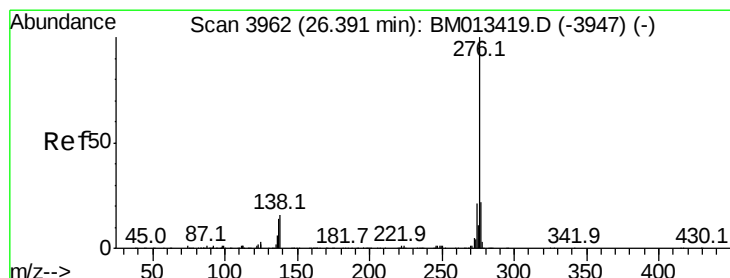
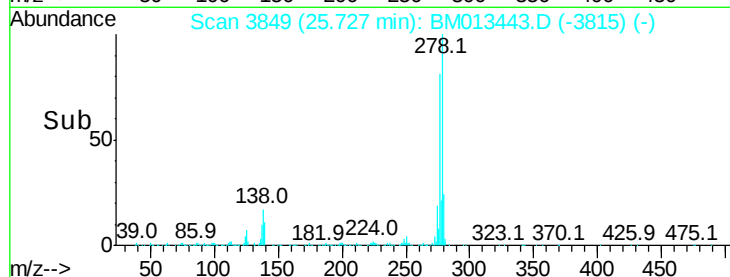
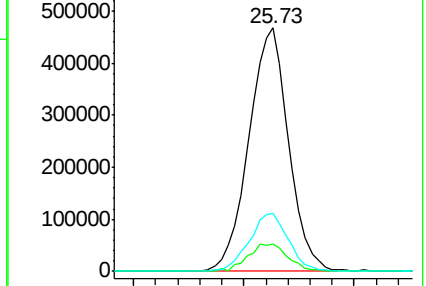
279 23.9 18.6 27.8



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



#91

Benzo(g,h,i)perylene

Concen: 19.491 ng/ul

RT: 26.40 min Scan# 3963

Delta R.T. -0.00 min

Lab File: BM013443.D

Acq: 15 Dec 2017 17:58

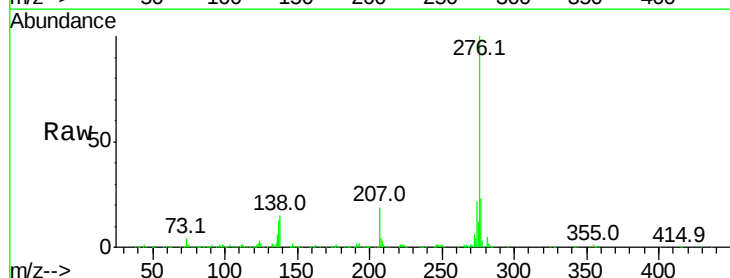
Tgt Ion:276 Resp: 1059877

Ion Ratio Lower Upper

276 100

138 14.8 8.5 12.7#

277 22.5 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

