

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
 Data File : BM024109.D
 Acq On : 16 Dec 2019 15:33
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 16 17:29:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 17:25:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	317875	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1427253	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	949857	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2081571	20.00	ng	0.00
76) Chrysene-d12	21.08	240	2149158	20.00	ng	0.00
87) Perylene-d12	23.22	264	2575827	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	386191	19.27	ng	0.00
7) Phenol-d6	6.65	99	562274	21.84	ng	0.00
23) Nitrobenzene-d5	8.61	82	618969	24.07	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	259602	21.89	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	1436762	20.83	ng	0.00
79) Terphenyl-d14	19.52	244	2482710	22.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	86779	10.760	ng	# 100
3) Pyridine	3.46	79	223917	10.533	ng	97
4) n-Nitrosodimethylamine	3.37	42	73151	9.453	ng	# 94
6) Aniline	6.80	93	362575	11.746	ng	99
8) 2-Chlorophenol	7.03	128	222186	10.880	ng	98
9) Benzaldehyde	6.62	77	192000	13.099	ng	98
10) Phenol	6.68	94	294330	12.144	ng	96
11) bis(2-Chloroethyl)ether	6.90	93	231008	12.132	ng	99
12) 1,3-Dichlorobenzene	7.35	146	264972	10.856	ng	98
13) 1,4-Dichlorobenzene	7.49	146	269869	10.922	ng	99
14) 1,2-Dichlorobenzene	7.80	146	261192	11.088	ng	98
15) Benzyl Alcohol	7.71	79	207540	12.884	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	307417	11.114	ng	98
17) 2-Methylphenol	7.92	107	196857	12.271	ng	95
18) Hexachloroethane	8.52	117	96231	10.618	ng	99
19) n-Nitroso-di-n-propylamine	8.27	70	218056	15.169	ng	99
20) 3+4-Methylphenols	8.25	107	268904	12.585	ng	97
22) Acetophenone	8.29	105	397142	11.273	ng	# 97
24) Nitrobenzene	8.65	77	310992	12.642	ng	98
25) Isophorone	9.18	82	545035	12.892	ng	98
26) 2-Nitrophenol	9.36	139	116861	11.004	ng	98
27) 2,4-Dimethylphenol	9.43	122	183013	10.294	ng	99
28) bis(2-Chloroethoxy)methane	9.66	93	361740	12.365	ng	99
29) 2,4-Dichlorophenol	9.89	162	214958	10.694	ng	99
30) 1,2,4-Trichlorobenzene	10.09	180	262100	10.598	ng	98
31) Naphthalene	10.27	128	789926	11.201	ng	99
32) Benzoic acid	9.56	122	116820	10.209	ng	95
33) 4-Chloroaniline	10.40	127	323826	10.576	ng	99
34) Hexachlorobutadiene	10.56	225	153660	10.423	ng	97
35) Caprolactam	11.20	113	71788	12.047	ng	94
36) 4-Chloro-3-methylphenol	11.55	107	262689	13.395	ng	98
37) 2-Methylnaphthalene	11.90	142	582448	11.865	ng	100
38) 1-Methylnaphthalene	12.13	142	558963	11.996	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	293513	9.120	ng	99

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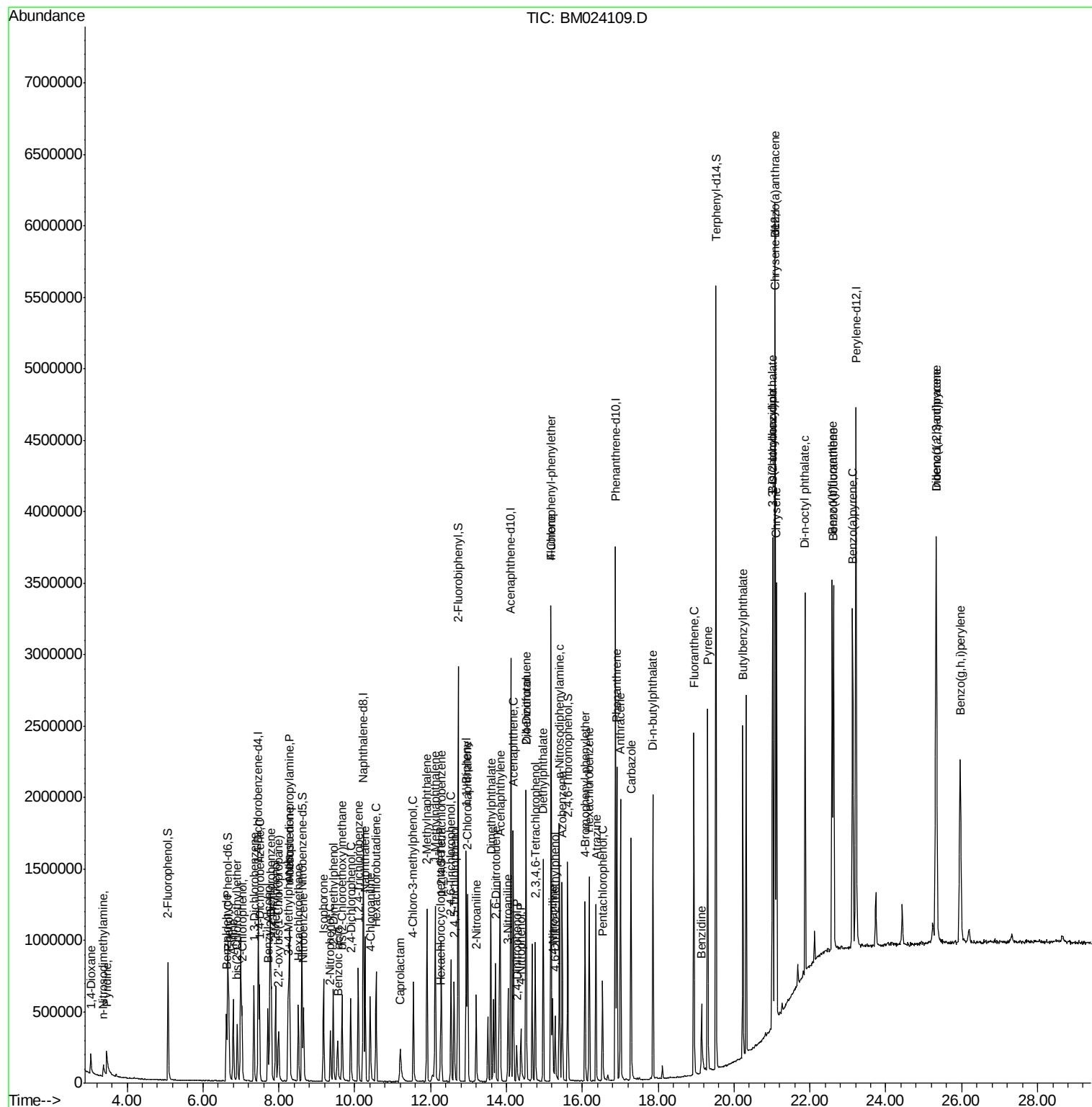
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	60223	3.429	ng	99
43) 2,4,6-Trichlorophenol	12.54	196	187363	10.086	ng	98
44) 2,4,5-Trichlorophenol	12.62	196	189214	9.775	ng	98
46) 1,1'-Biphenyl	12.94	154	797697	10.147	ng	99
47) 2-Chloronaphthalene	12.97	162	623983	10.649	ng	98
48) 2-Nitroaniline	13.20	65	185730	12.173	ng	99
49) Acenaphthylene	13.83	152	948075	10.927	ng	99
50) Dimethylphthalate	13.59	163	810638	11.809	ng	100
51) 2,6-Dinitrotoluene	13.71	165	163838	11.411	ng	97
52) Acenaphthene	14.18	154	587186	10.344	ng	99
53) 3-Nitroaniline	14.05	138	167065	10.107	ng	97
54) 2,4-Dinitrophenol	14.27	184	58918	8.691	ng	91
55) Dibenzofuran	14.52	168	940762	11.352	ng	99
56) 4-Nitrophenol	14.38	139	112391	8.846	ng	98
57) 2,4-Dinitrotoluene	14.51	165	221886	11.796	ng	93
58) Fluorene	15.17	166	768101	11.406	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	183762	10.885	ng	97
60) Diethylphthalate	14.97	149	811400	12.157	ng	99
61) 4-Chlorophenyl-phenylether	15.17	204	383671	11.088	ng	96
62) 4-Nitroaniline	15.22	138	149317	8.616	ng	99
63) Azobenzene	15.47	77	799771	13.269	ng	97
65) 4,6-Dinitro-2-methylphenol	15.29	198	98365	10.090	ng	94
66) n-Nitrosodiphenylamine	15.39	169	671029	10.552	ng	100
67) 4-Bromophenyl-phenylether	16.07	248	244006	10.539	ng	99
68) Hexachlorobenzene	16.19	284	302716	11.212	ng	100
69) Atrazine	16.36	200	212141	10.262	ng	98
70) Pentachlorophenol	16.53	266	126453	8.782	ng	99
71) Phenanthrene	16.92	178	1262702	10.751	ng	99
72) Anthracene	17.00	178	1182041	10.384	ng	99
73) Carbazole	17.29	167	1105371	10.435	ng	99
74) Di-n-butylphthalate	17.86	149	1334110	11.107	ng	99
75) Fluoranthene	18.94	202	1422372	10.732	ng	99
77) Benzidine	19.14	184	344880	5.850	ng	98
78) Pyrene	19.31	202	1483600	10.534	ng	98
80) Butylbenzylphthalate	20.23	149	614768	11.485	ng	99
81) Benzo(a)anthracene	21.07	228	1512266	10.857	ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	518085	10.488	ng	100
83) Chrysene	21.12	228	1480108	10.961	ng	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	903730	11.395	ng	99
85) Di-n-octyl phthalate	21.87	149	1498824	11.857	ng	99
86) Indeno(1,2,3-cd)pyrene	25.33	276	1896659	11.768	ng	# 100
88) Benzo(b)fluoranthene	22.59	252	1624167	10.414	ng	99
89) Benzo(k)fluoranthene	22.63	252	1634225	10.561	ng	99
90) Benzo(a)pyrene	23.12	252	1506615	10.484	ng	99
91) Dibenzo(a,h)anthracene	25.33	278	1563829	10.403	ng	99
92) Benzo(g,h,i)perylene	25.96	276	1536223	10.760	ng	99

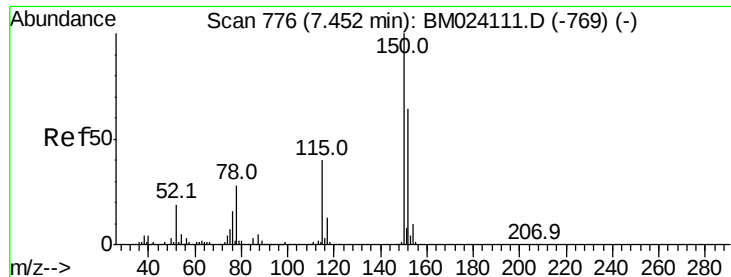
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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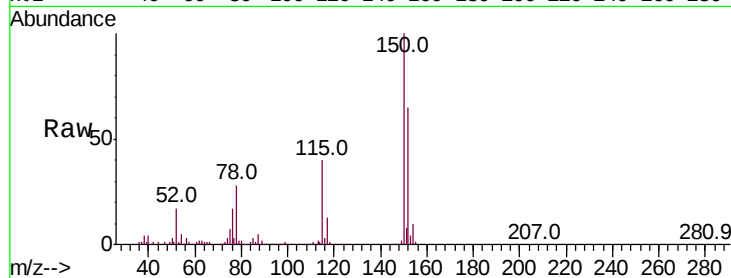


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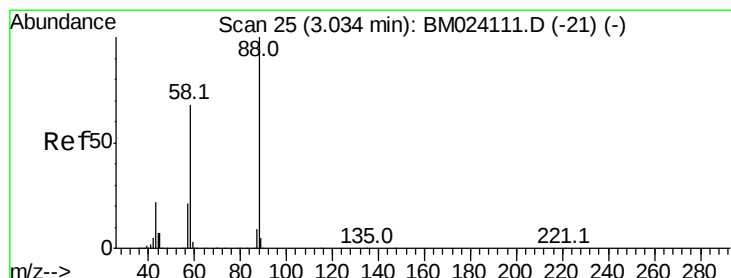
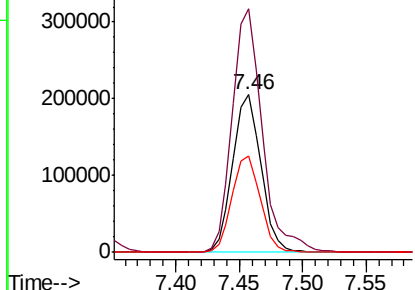
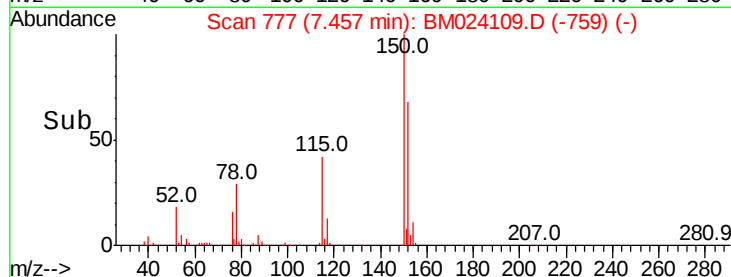
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.46 min Scan# 777
Delta R.T. 0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 317875
Ion Ratio Lower Upper
152 100
150 154.8 125.0 187.6
115 61.5 49.8 74.6



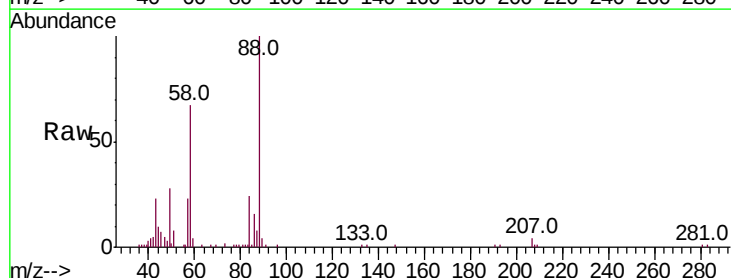
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



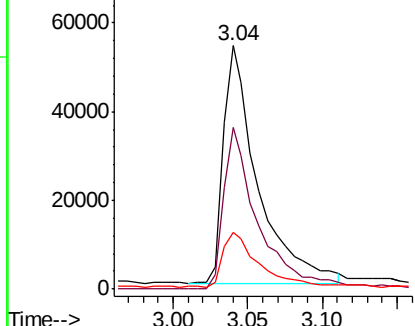
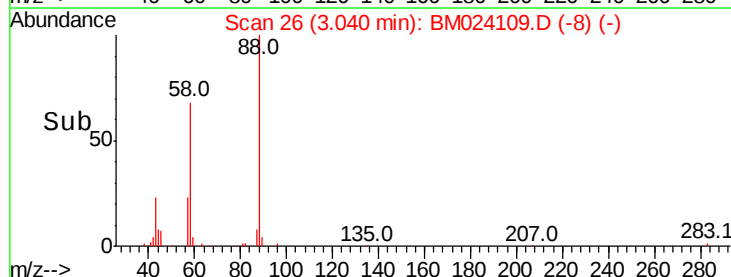
#2

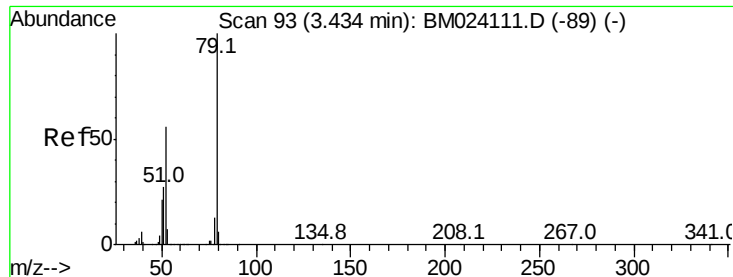
1,4-Dioxane
Concen: 10.760 ng
RT: 3.04 min Scan# 26
Delta R.T. 0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion: 88 Resp: 86779
Ion Ratio Lower Upper
88 100
58 67.5 0.0 0.0#
43 23.9 0.0 0.0#



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: 10.533 ng

RT: 3.46 min Scan# 97

Delta R.T. 0.02 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

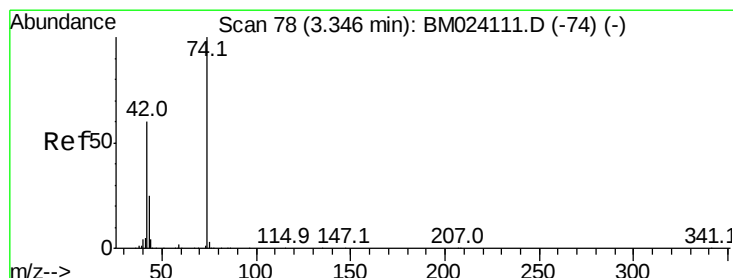
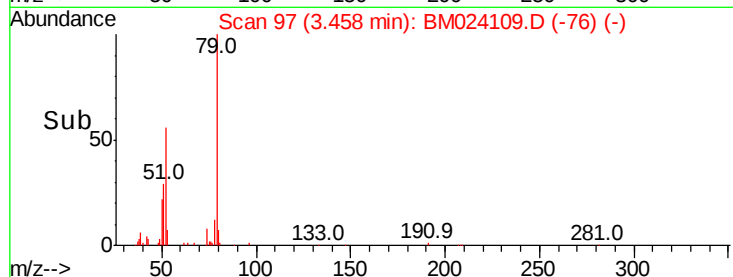
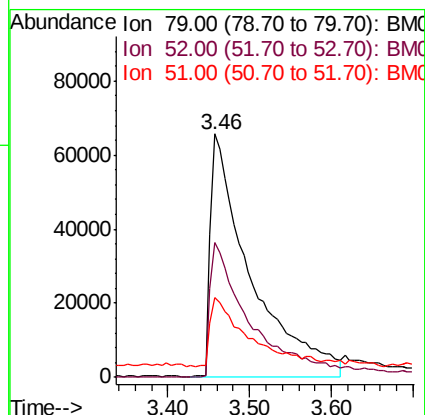
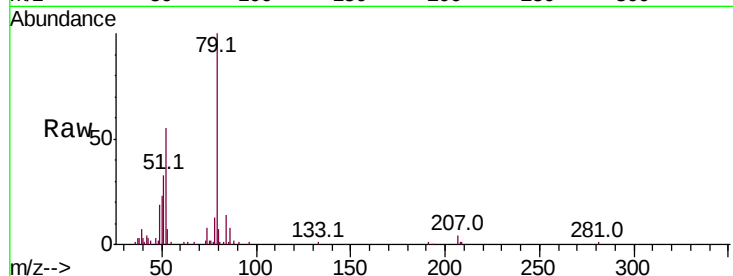
Tot Ion: 79 Resp: 223917

Ion Ratio Lower Upper

79 100

52 55.5 44.5 66.7

51 32.9 22.6 33.8



#4

n-Nitrosodimethylamine

Concen: 9.453 ng

RT: 3.37 min Scan# 82

Delta R.T. 0.02 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

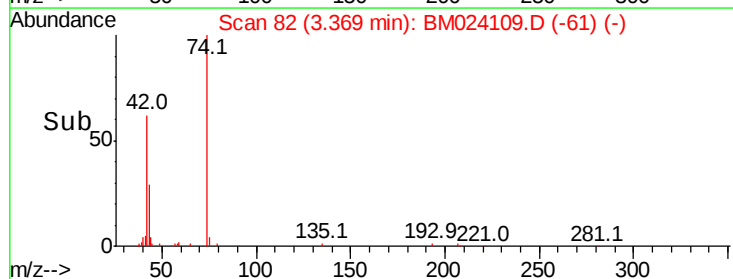
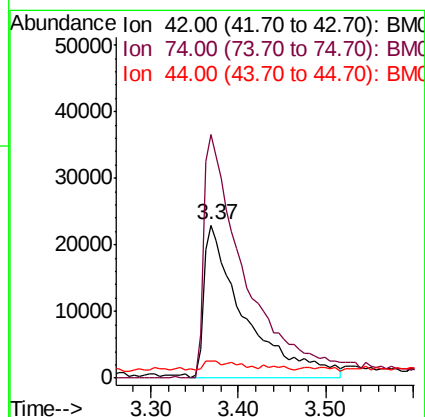
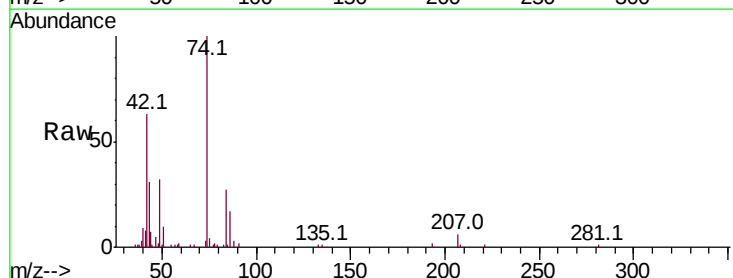
Tgt Ion: 42 Resp: 73151

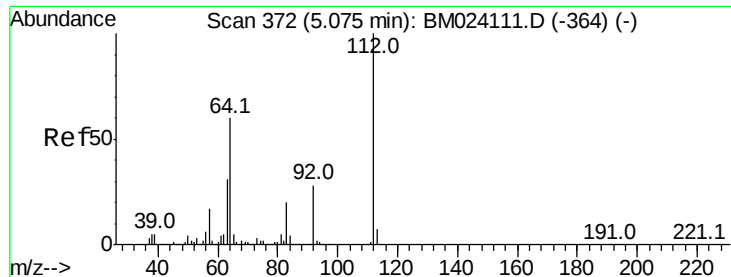
Ion Ratio Lower Upper

42 100

74 159.3 133.6 200.4

44 11.5 5.4 8.0#





#5

2-Fluorophenol

Concen: 19.268 ng

RT: 5.08 min Scan# 372

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

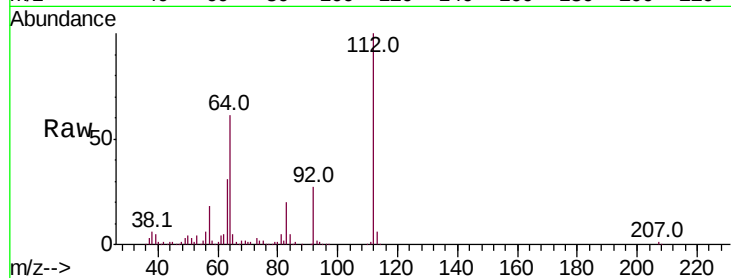
Tot Ion:112 Resp: 386191

Ion Ratio Lower Upper

112 100

64 61.4 48.4 72.6

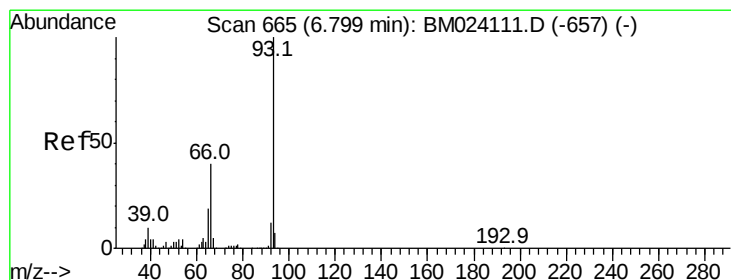
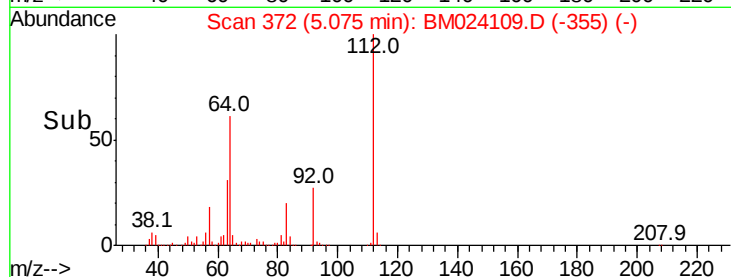
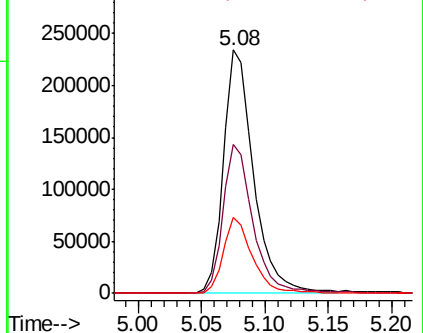
63 31.2 24.4 36.6



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: 11.746 ng

RT: 6.80 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

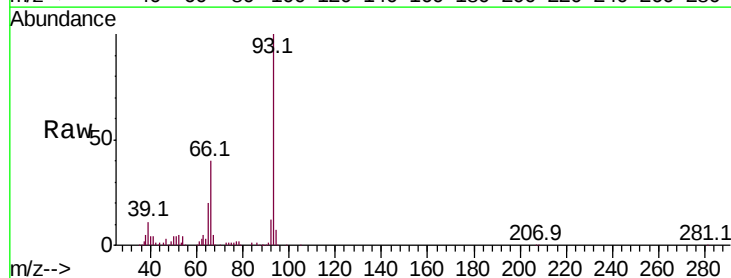
Tgt Ion: 93 Resp: 362575

Ion Ratio Lower Upper

93 100

66 40.1 32.0 48.0

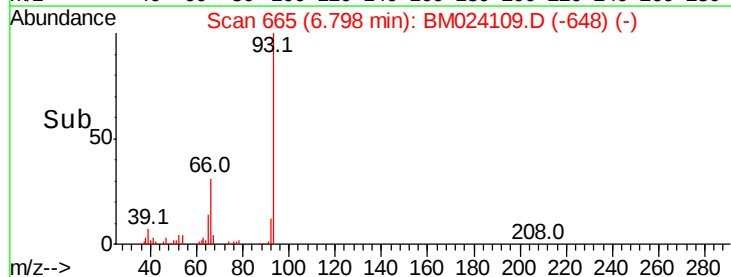
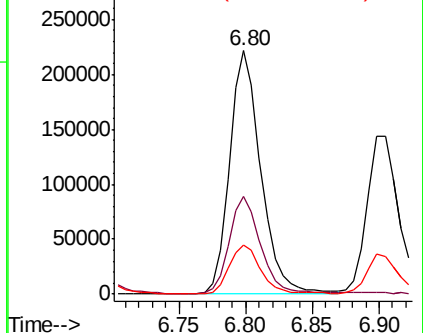
65 20.3 15.4 23.0

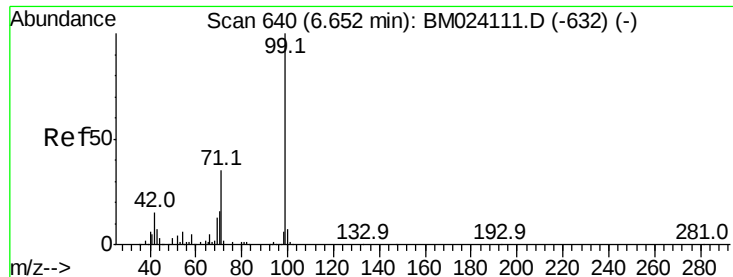


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 21.842 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

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ClientSampleId :

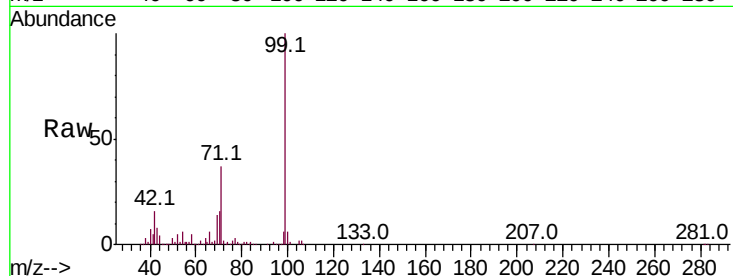
Tot Ion: 99 Resp: 562274

Ion Ratio Lower Upper

99 100

42 15.6 11.9 17.9

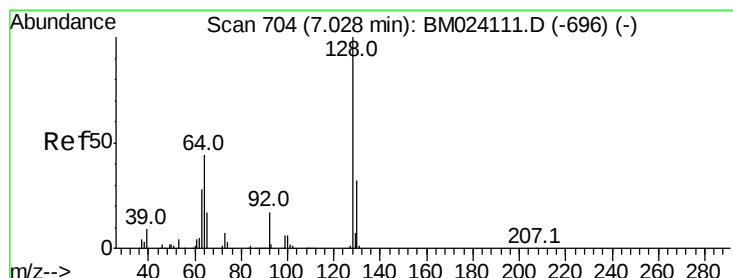
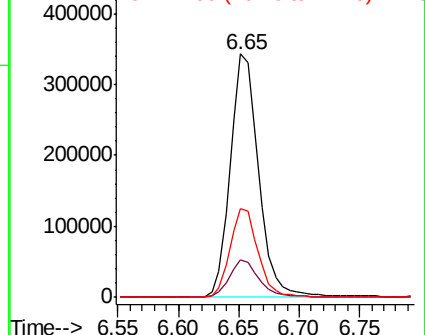
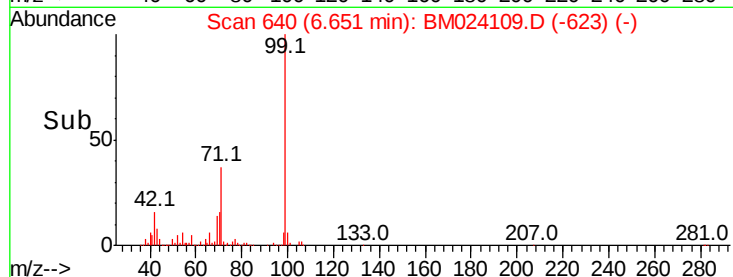
71 36.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM024111.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM024111.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM024111.D (-632) (-)



#8

2-Chlorophenol

Concen: 10.880 ng

RT: 7.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

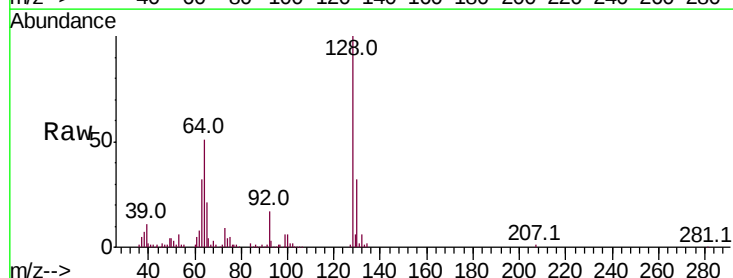
Tgt Ion: 128 Resp: 222186

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

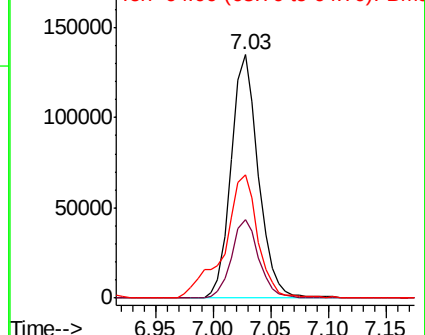
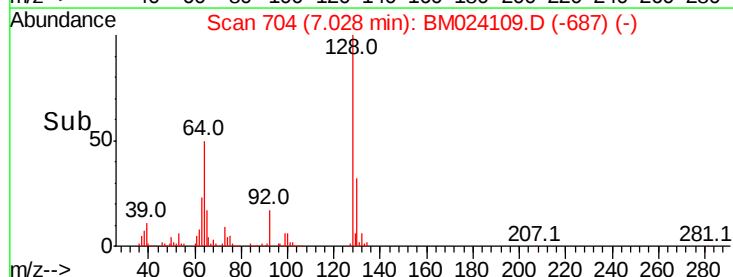
64 50.8 28.9 68.9

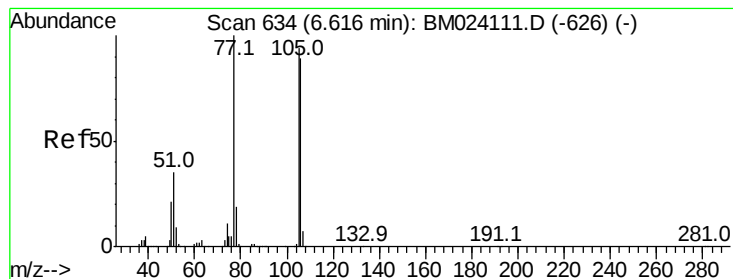


Abundance Ion 128.00 (127.70 to 128.70): BM024111.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM024111.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM024111.D (-696) (-)





#9

Benzaldehyde

Concen: 13.099 ng

RT: 6.62 min Scan# 634

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampled :

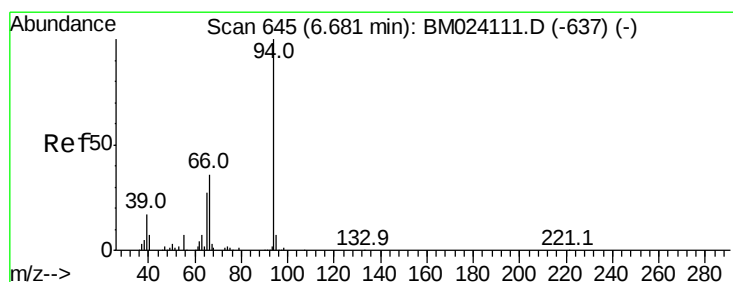
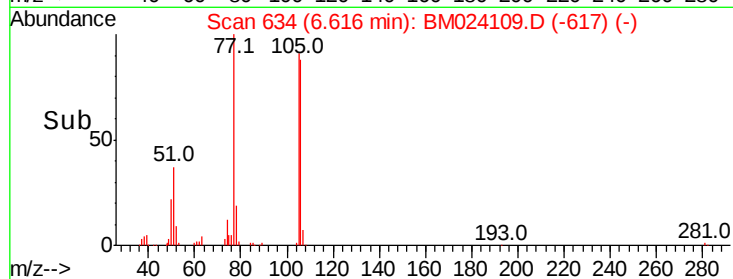
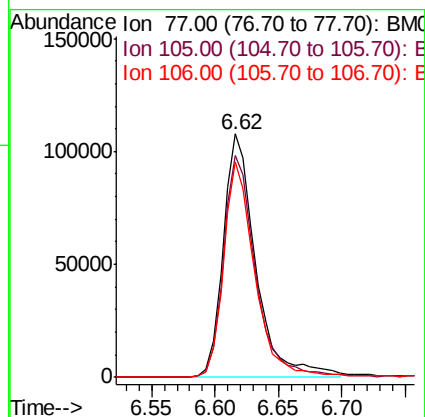
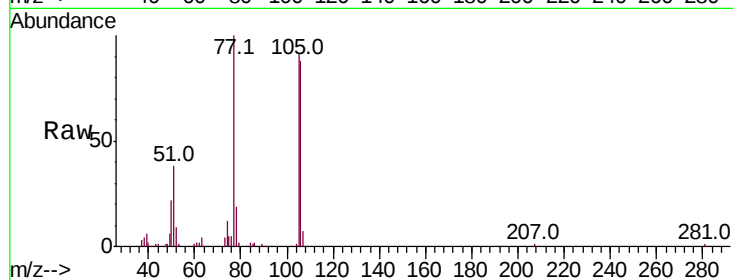
Tot Ion: 77 Resp: 192000

Ion Ratio Lower Upper

77 100

105 91.0 73.9 113.9

106 88.3 69.3 109.3



#10

Phenol

Concen: 12.144 ng

RT: 6.68 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

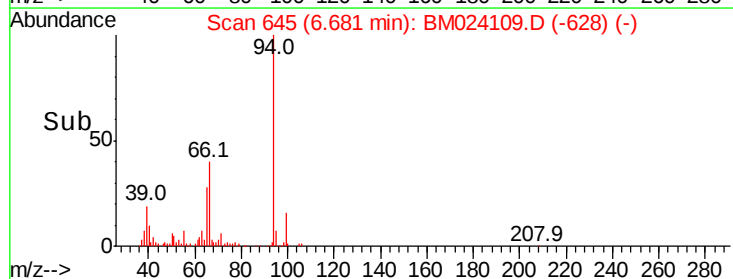
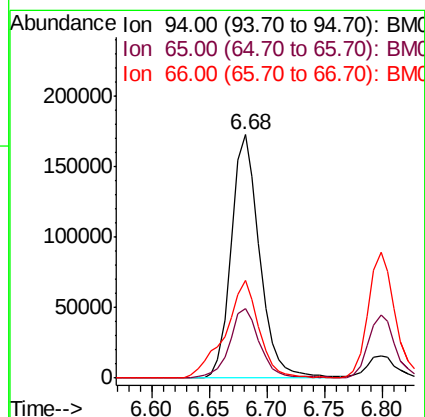
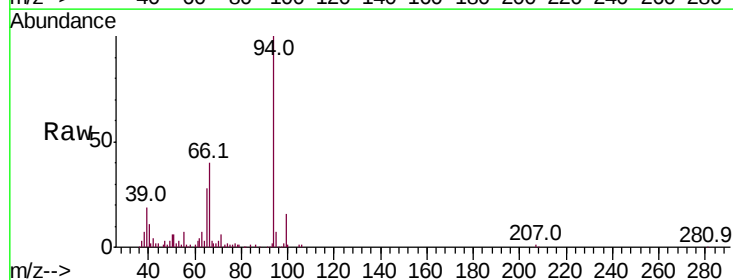
Tgt Ion: 94 Resp: 294330

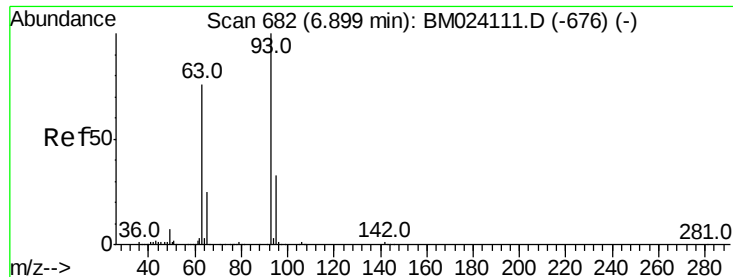
Ion Ratio Lower Upper

94 100

65 28.5 7.3 47.3

66 40.3 17.3 57.3

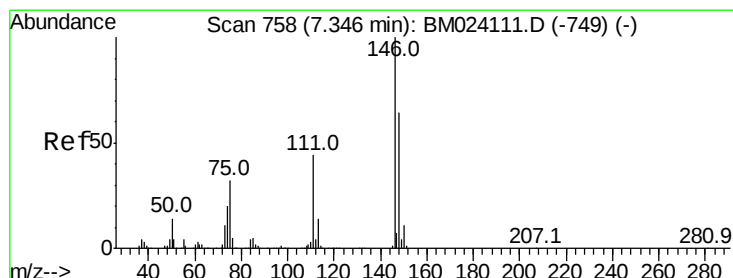
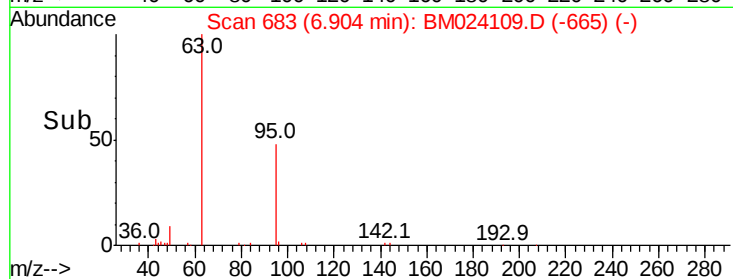
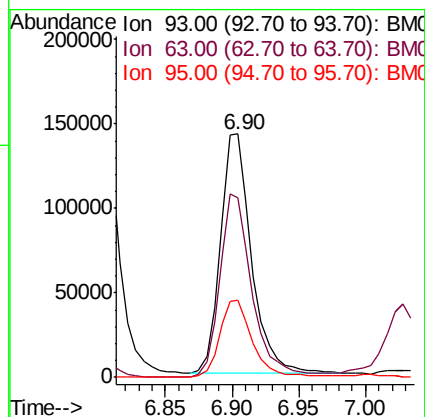
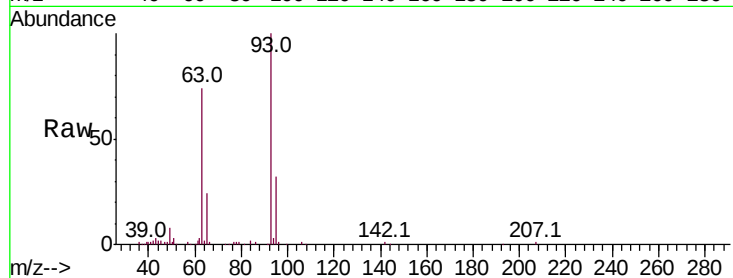




#11
bis(2-Chloroethyl)ether
Concen: 12.132 ng
RT: 6.90 min Scan# 683
Delta R.T. 0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

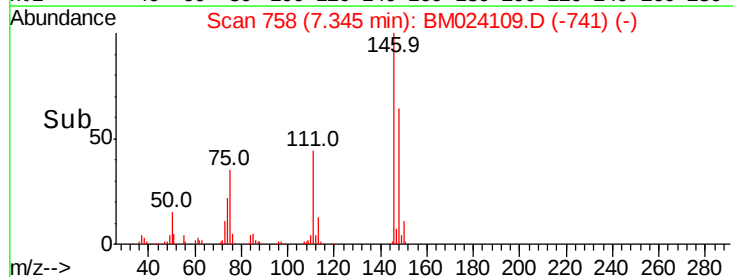
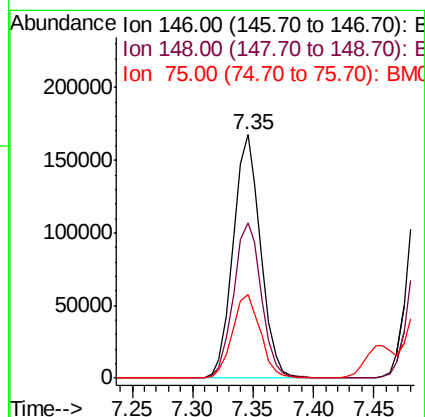
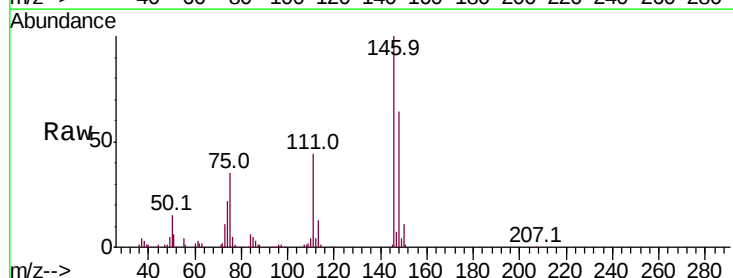
Instrument :
BNA_M
ClientSampleId :

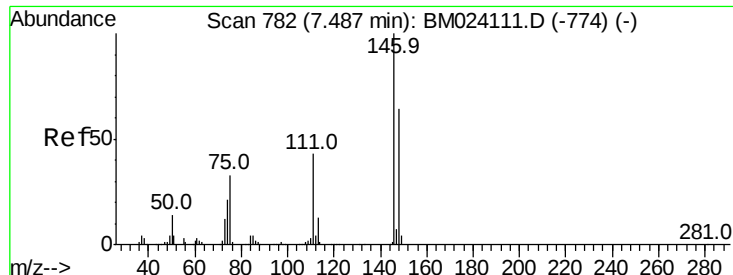
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.8	55.0	95.0
95	31.9	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 10.856 ng
RT: 7.35 min Scan# 758
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
75	34.5	25.5	38.3

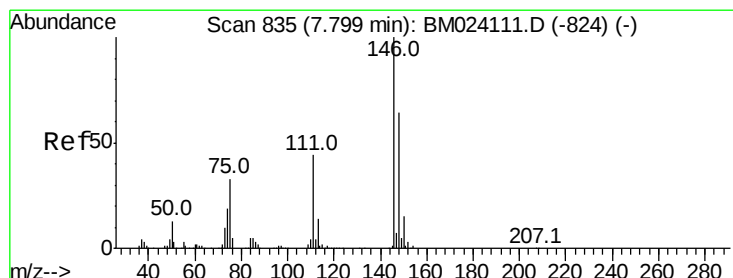
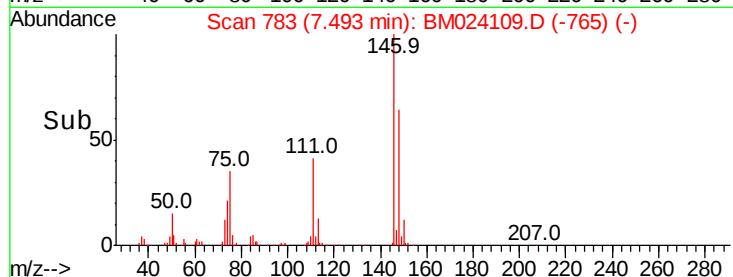
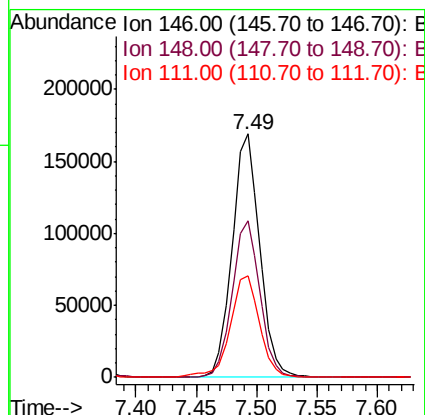
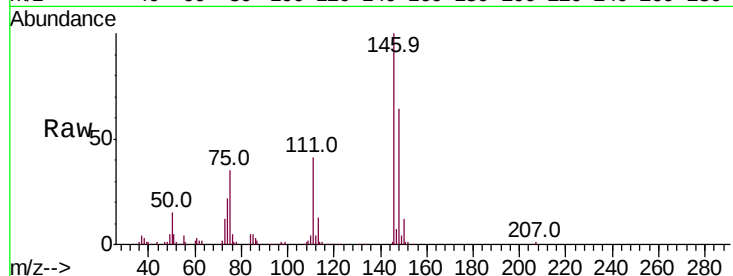




#13
 1,4-Dichlorobenzene
 Concen: 10.922 ng
 RT: 7.49 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BM024109.D
 Acq: 16 Dec 2019 15:33

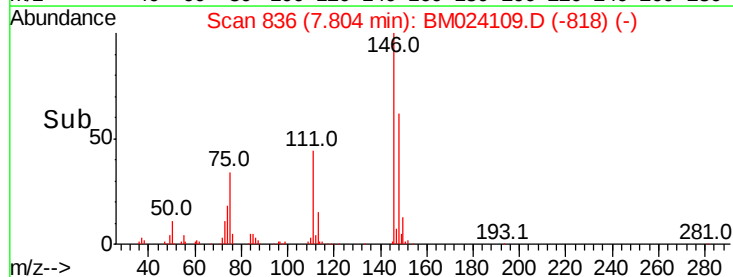
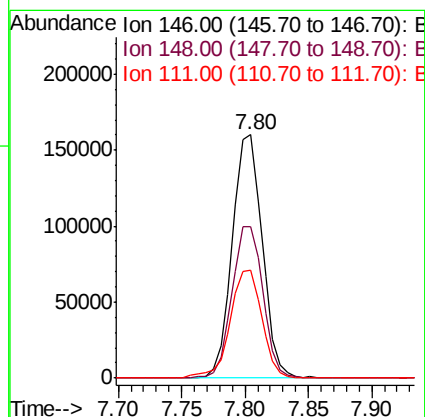
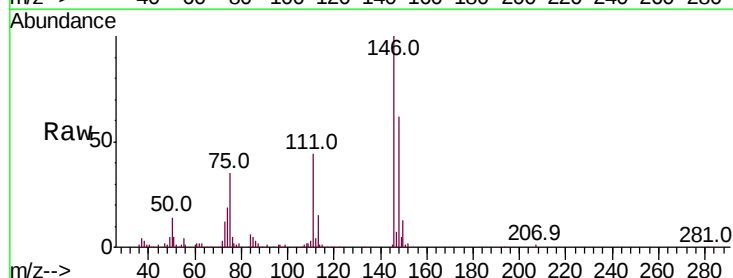
Instrument :
 BNA_M
 ClientSampleId :

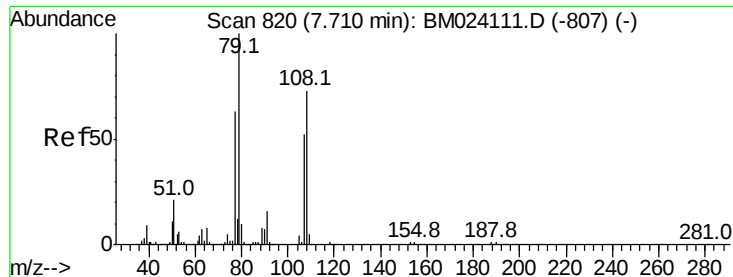
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.4
111	41.5	34.2	51.4



#14
 1,2-Dichlorobenzene
 Concen: 11.088 ng
 RT: 7.80 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BM024109.D
 Acq: 16 Dec 2019 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.4	77.0
111	44.1	34.8	52.2





#15

Benzyl Alcohol

Concen: 12.884 ng

RT: 7.71 min Scan# 820

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampled :

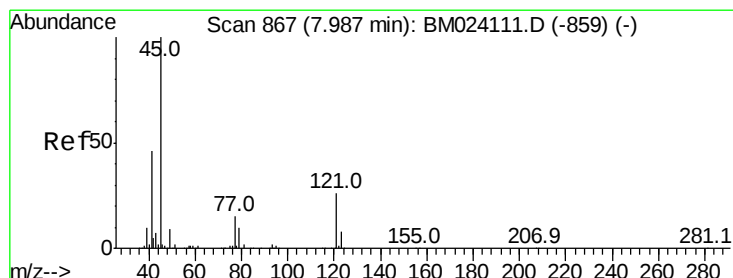
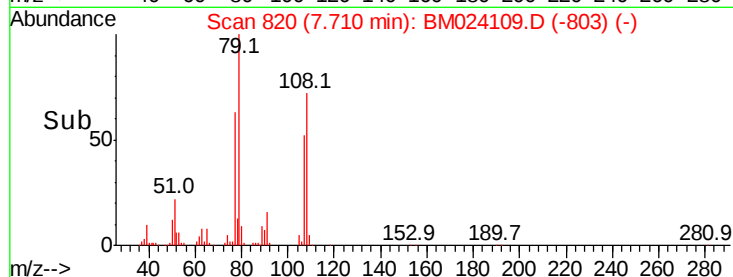
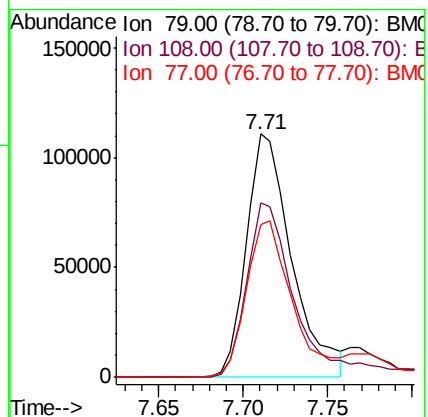
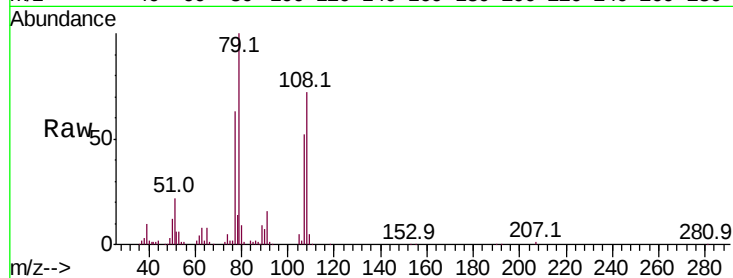
Tot Ion: 79 Resp: 207540

Ion Ratio Lower Upper

79 100

108 71.8 58.7 88.1

77 62.6 50.7 76.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 11.114 ng

RT: 8.00 min Scan# 869

Delta R.T. 0.01 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

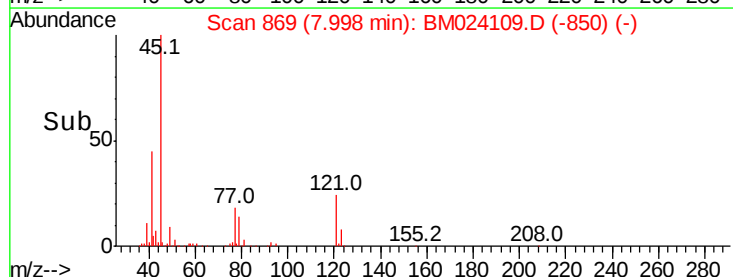
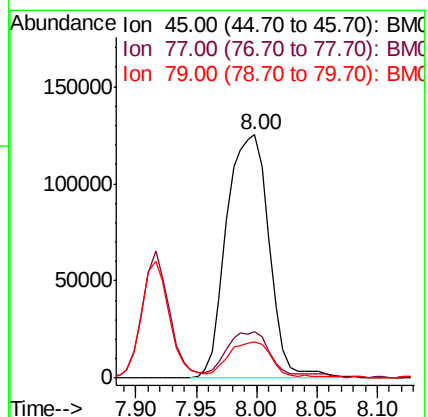
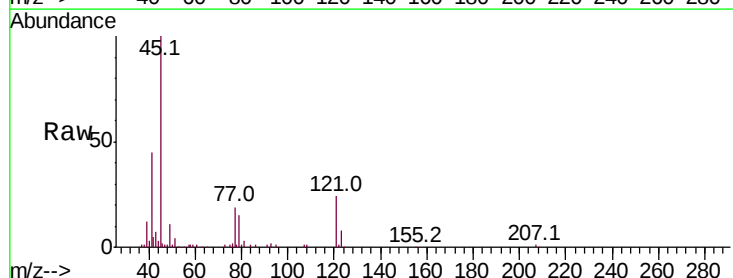
Tgt Ion: 45 Resp: 307417

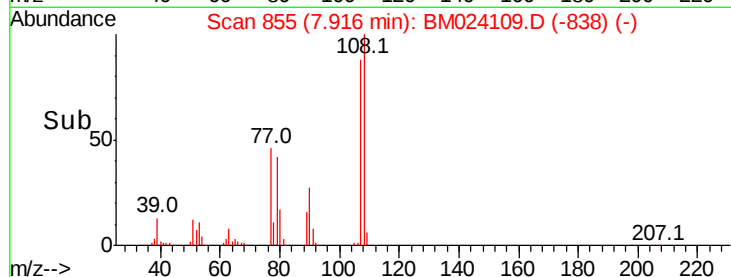
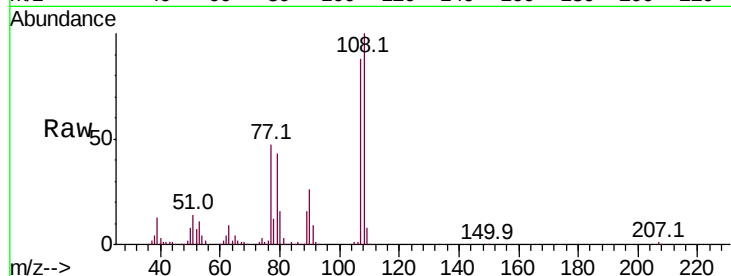
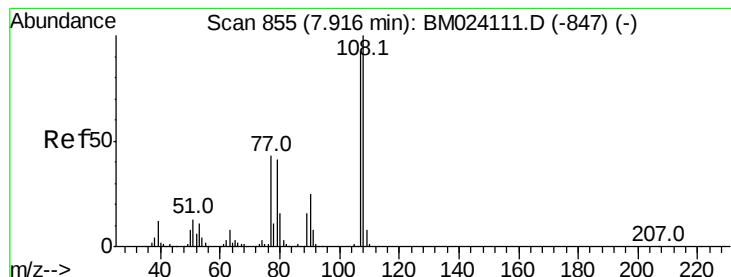
Ion Ratio Lower Upper

45 100

77 19.3 0.0 38.7

79 14.8 0.0 33.8





#17

2-Methylphenol

Concen: 12.271 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 196857

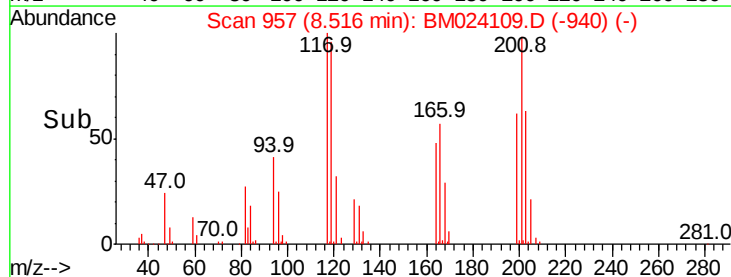
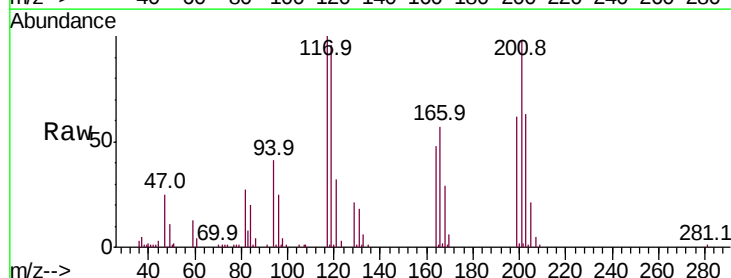
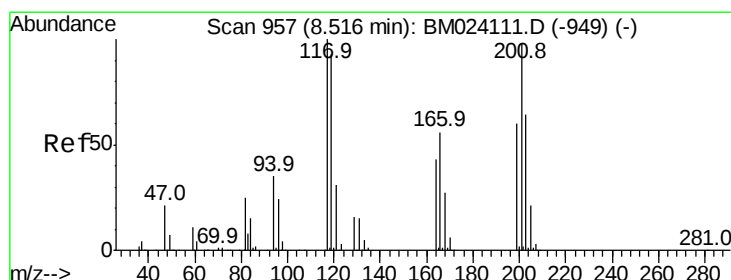
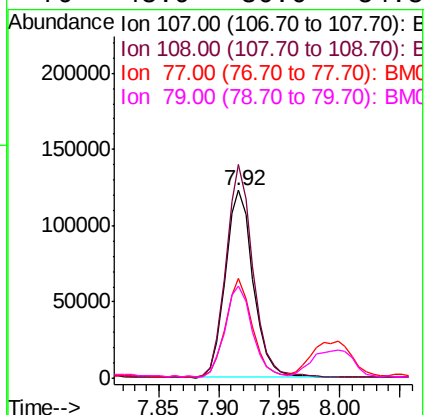
Ion Ratio Lower Upper

107 100

108 113.7 87.5 131.3

77 53.1 37.6 56.4

79 48.9 36.6 54.8



#18

Hexachloroethane

Concen: 10.618 ng

RT: 8.52 min Scan# 957

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

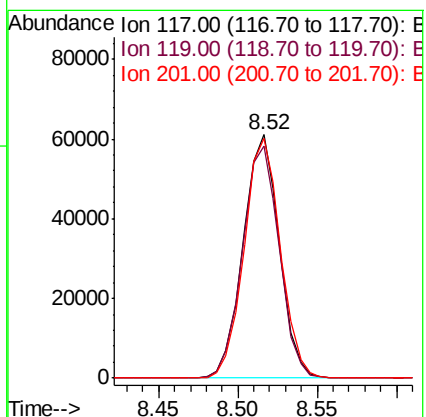
Tgt Ion:117 Resp: 96231

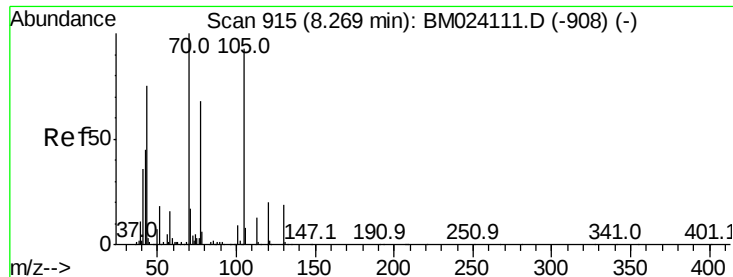
Ion Ratio Lower Upper

117 100

119 95.6 74.7 112.1

201 98.4 78.2 117.2





#19

n-Nitroso-di-n-propylamine

Concen: 15.169 ng

RT: 8.27 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 218056

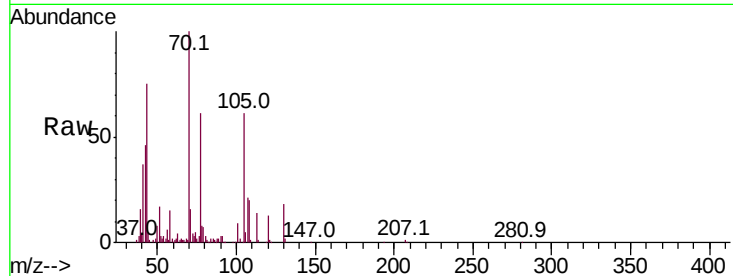
Ion Ratio Lower Upper

70 100

42 46.3 36.3 54.5

101 9.4 7.5 11.3

130 18.4 15.0 22.6

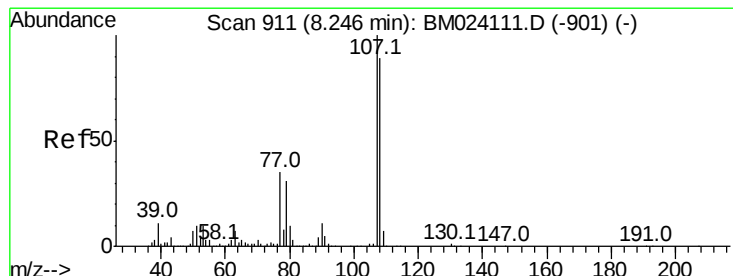
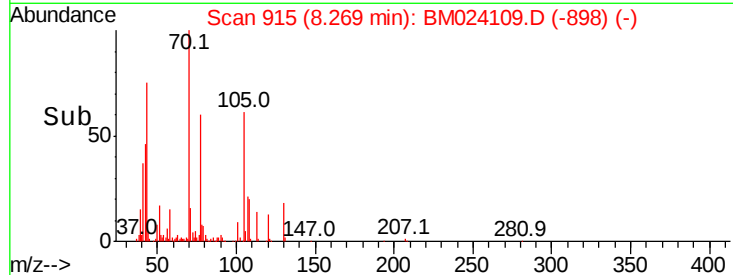
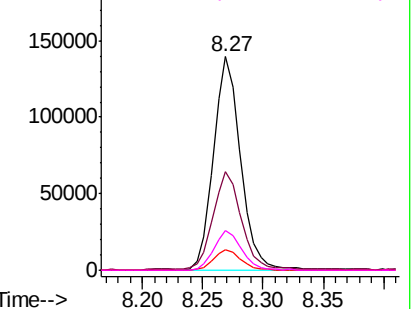


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 12.585 ng

RT: 8.25 min Scan# 911

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Tgt Ion: 107 Resp: 268904

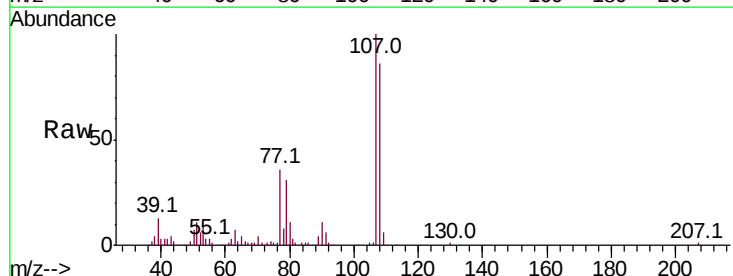
Ion Ratio Lower Upper

107 100

108 85.6 68.9 108.9

77 36.2 15.1 55.1

79 30.9 10.6 50.6

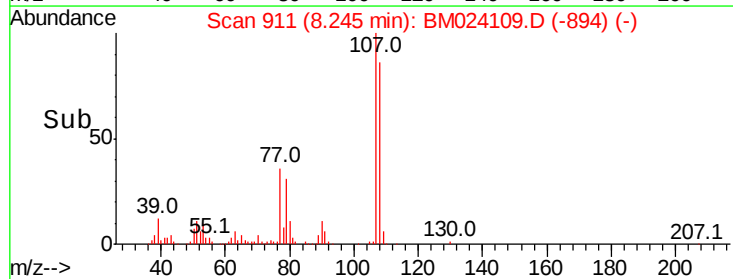
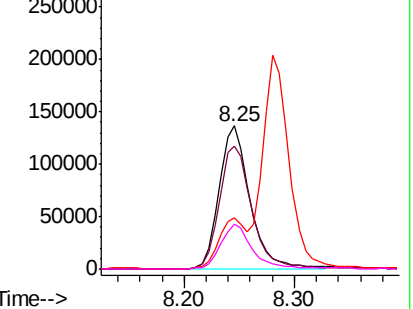


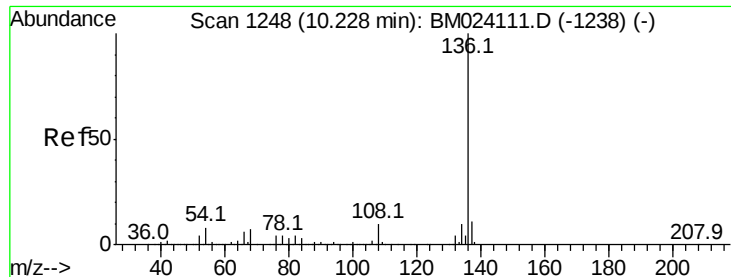
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

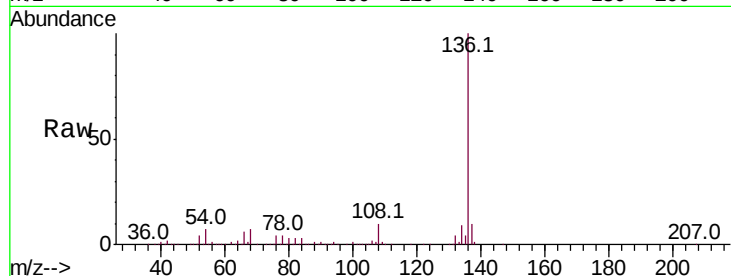




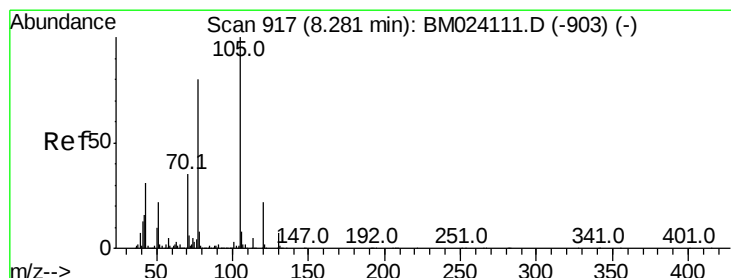
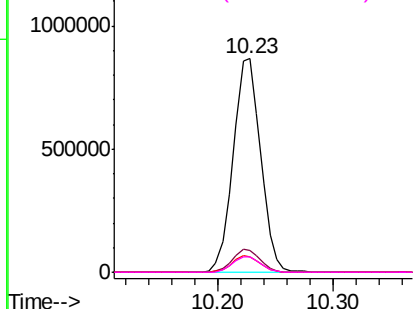
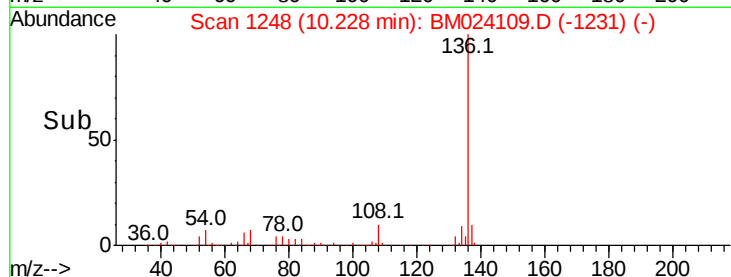
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.23 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 1427253
Ion Ratio	Lower Upper
136 100	
137 10.4	8.6 12.8
54 7.3	6.0 9.0
68 7.2	5.8 8.6

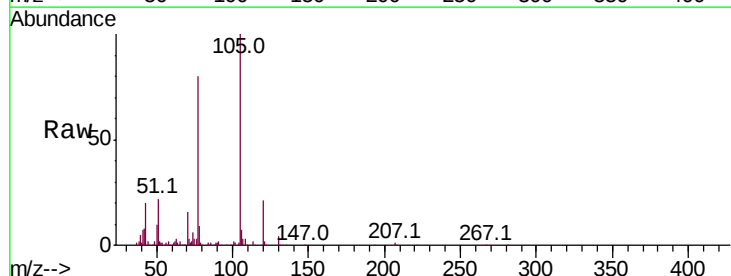


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

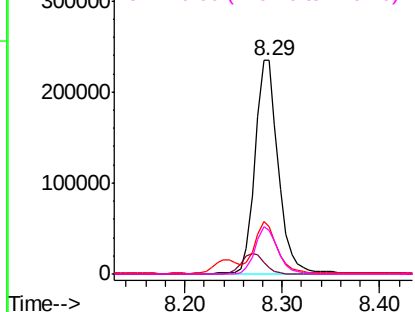
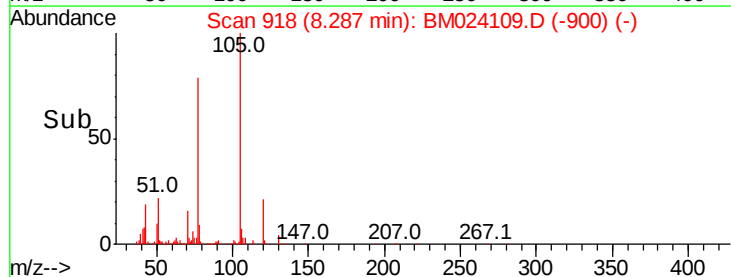


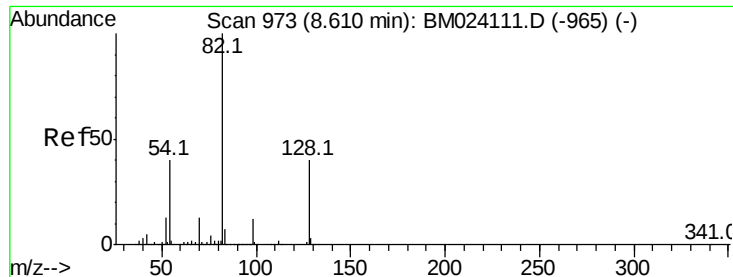
#22
Acetophenone
Concen: 11.273 ng
RT: 8.29 min Scan# 918
Delta R.T. 0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion:105	Resp: 397142
Ion Ratio	Lower Upper
105 100	
71 2.9	4.6 6.8#
51 22.2	17.4 26.2
120 20.6	17.6 26.4



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





#23

Nitrobenzene-d5

Concen: 24.074 ng

RT: 8.61 min Scan# 973

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampled :

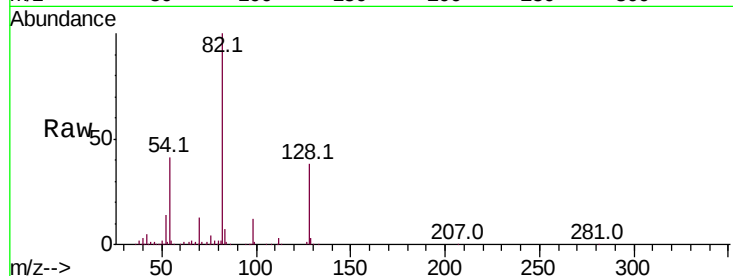
Tot Ion: 82 Resp: 618969

Ion Ratio Lower Upper

82 100

128 38.2 31.8 47.8

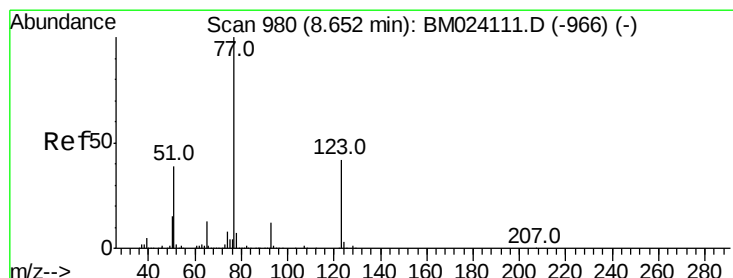
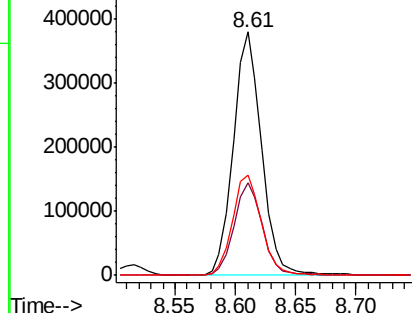
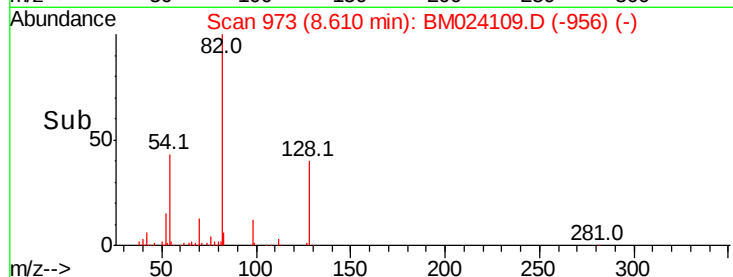
54 41.1 32.2 48.2



Abundance Ion 82.00 (81.70 to 82.70): BM024109.D (-956) (-)

Ion 128.00 (127.70 to 128.70): BM024109.D (-956) (-)

Ion 54.00 (53.70 to 54.70): BM024109.D (-956) (-)



#24

Nitrobenzene

Concen: 12.642 ng

RT: 8.65 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

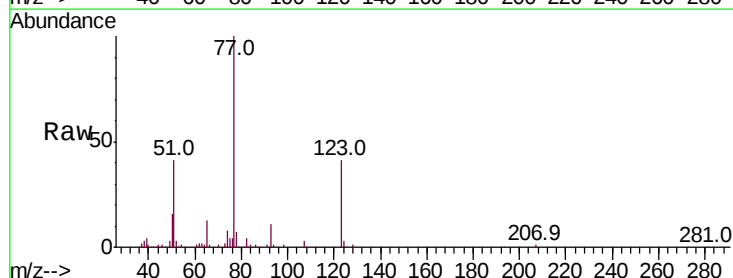
Tgt Ion: 77 Resp: 310992

Ion Ratio Lower Upper

77 100

123 41.0 33.8 50.6

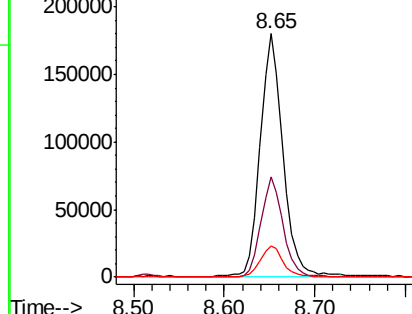
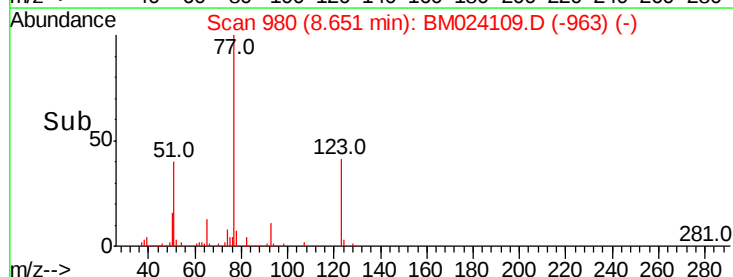
65 13.0 10.3 15.5

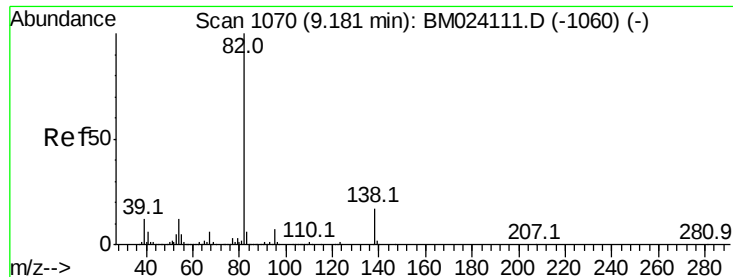


Abundance Ion 77.00 (76.70 to 77.70): BM024109.D (-963) (-)

Ion 123.00 (122.70 to 123.70): BM024109.D (-963) (-)

Ion 65.00 (64.70 to 65.70): BM024109.D (-963) (-)





#25

Isophorone

Concen: 12.892 ng

RT: 9.18 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

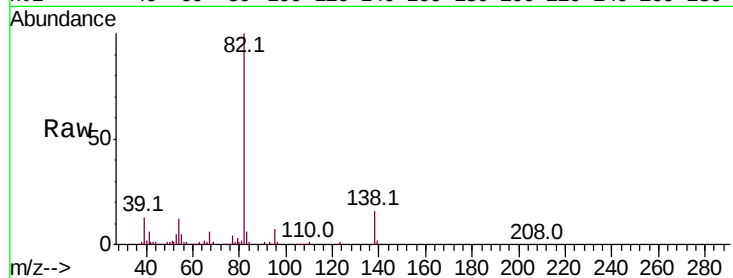
Tot Ion: 82 Resp: 545035

Ion Ratio Lower Upper

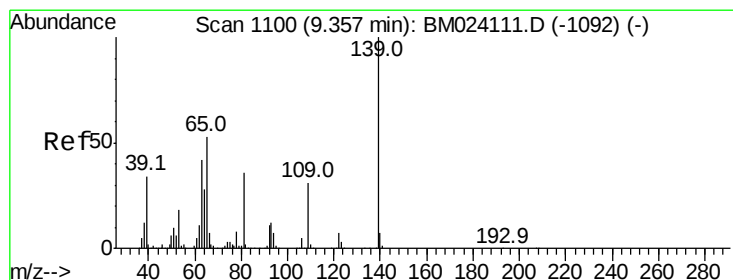
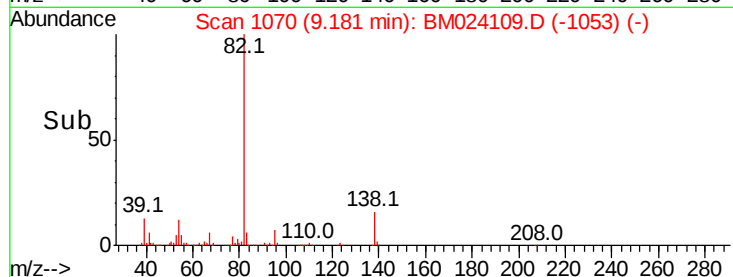
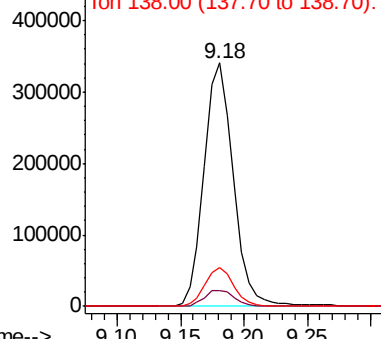
82 100

95 6.6 5.5 8.3

138 15.8 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BM024111.D (-1060) (-)



#26

2-Nitrophenol

Concen: 11.004 ng

RT: 9.36 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

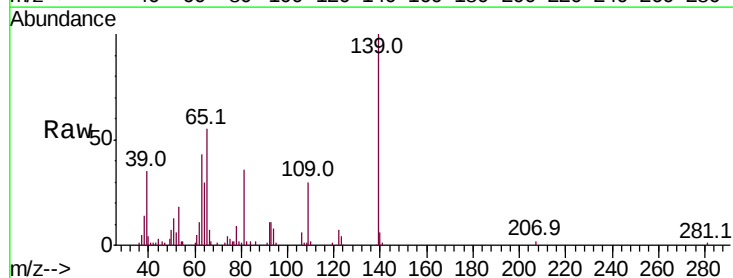
Tgt Ion: 139 Resp: 116861

Ion Ratio Lower Upper

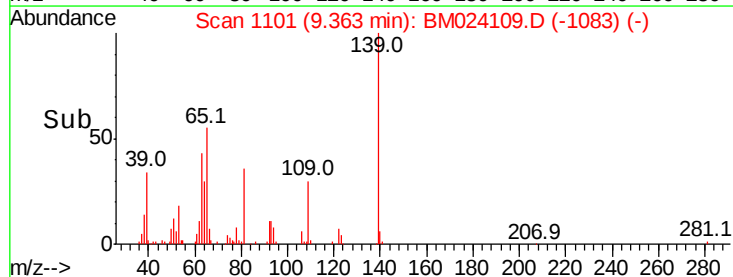
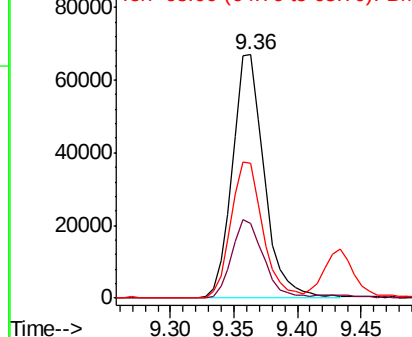
139 100

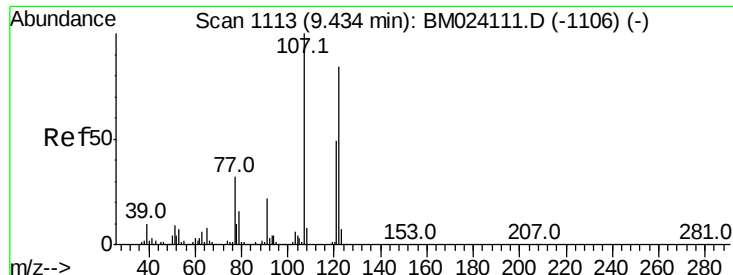
109 30.4 24.5 36.7

65 55.2 42.1 63.1



Abundance Ion 139.00 (138.70 to 139.70): BM024111.D (-1092) (-)





#27

2,4-Dimethylphenol

Concen: 10.294 ng

RT: 9.43 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

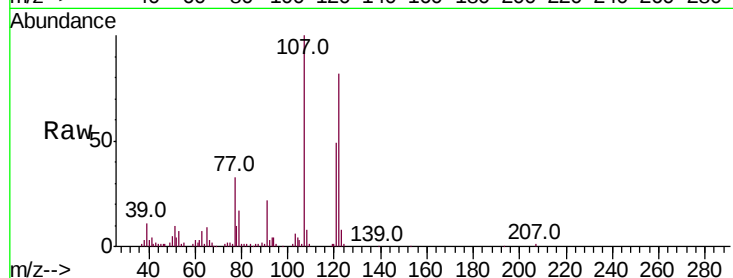
Tot Ion:122 Resp: 183013

Ion Ratio Lower Upper

122 100

107 121.5 95.8 143.6

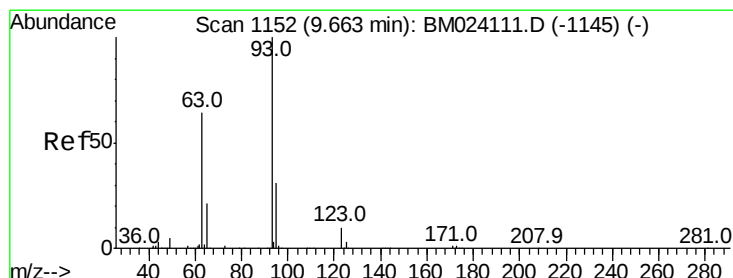
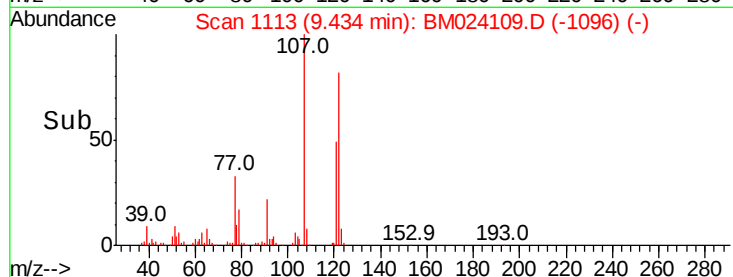
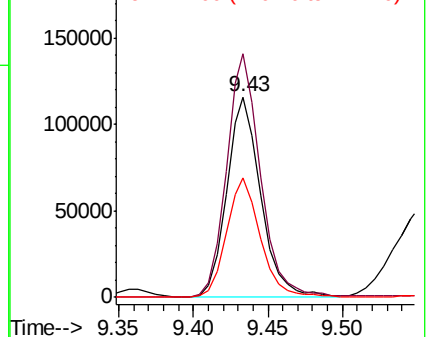
121 59.3 47.0 70.4



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: 12.365 ng

RT: 9.66 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

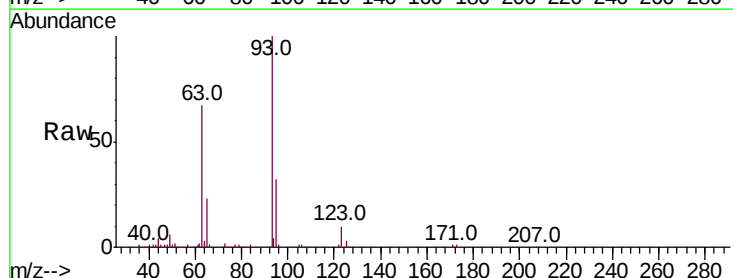
Tgt Ion: 93 Resp: 361740

Ion Ratio Lower Upper

93 100

95 31.6 25.1 37.7

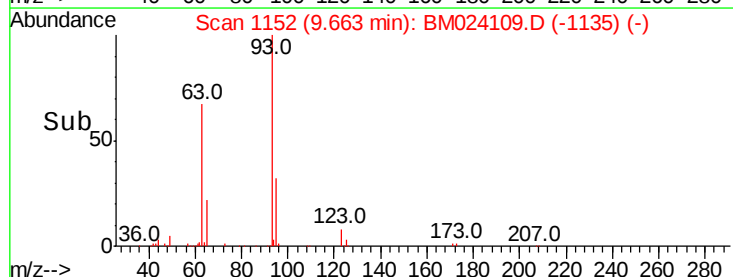
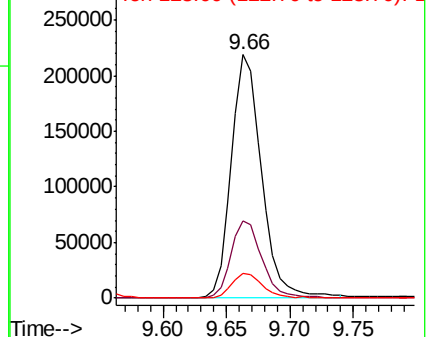
123 10.0 8.5 12.7

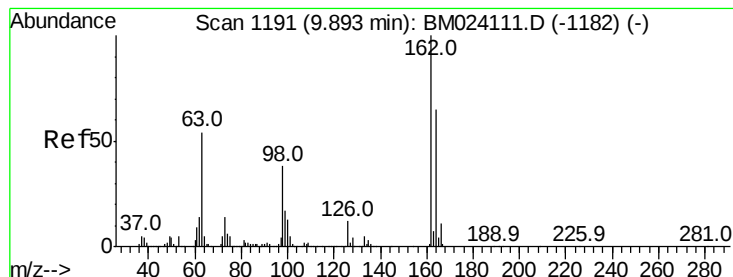


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 10.694 ng

RT: 9.89 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

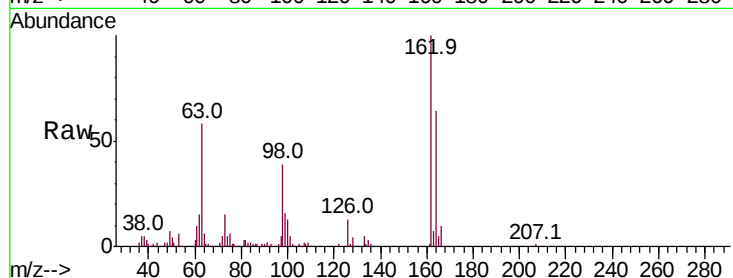
Tot Ion:162 Resp: 214958

Ion Ratio Lower Upper

162 100

164 64.1 45.1 85.1

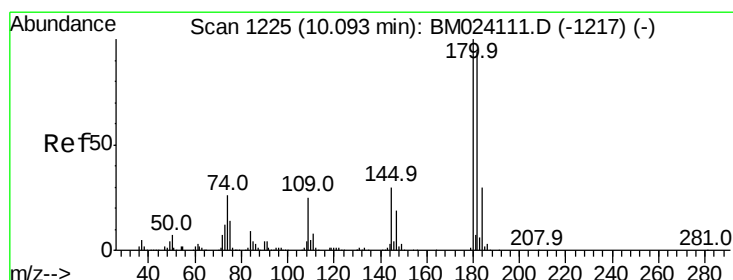
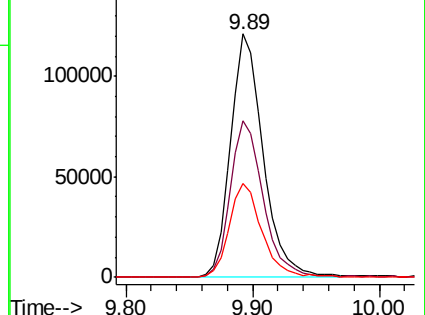
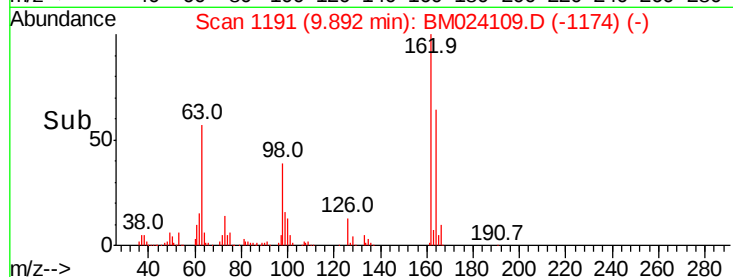
98 38.5 18.2 58.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 10.598 ng

RT: 10.09 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

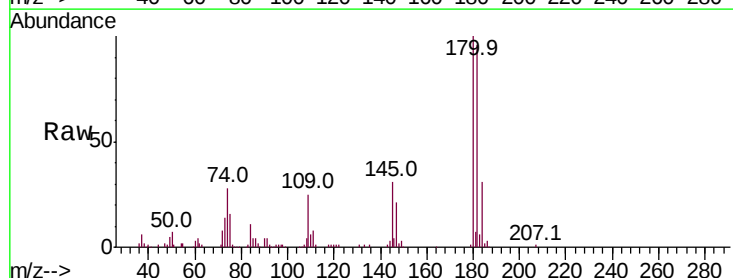
Tgt Ion:180 Resp: 262100

Ion Ratio Lower Upper

180 100

182 96.1 75.5 113.3

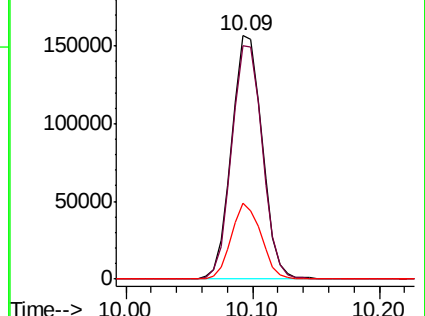
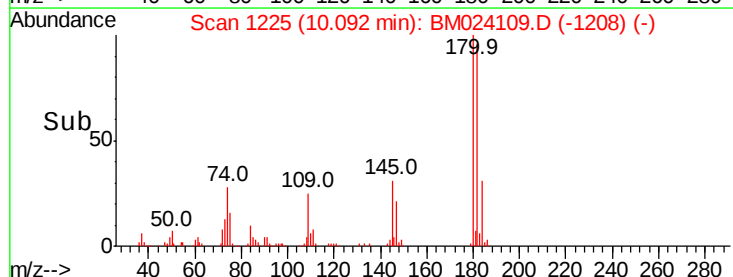
145 31.0 24.4 36.6

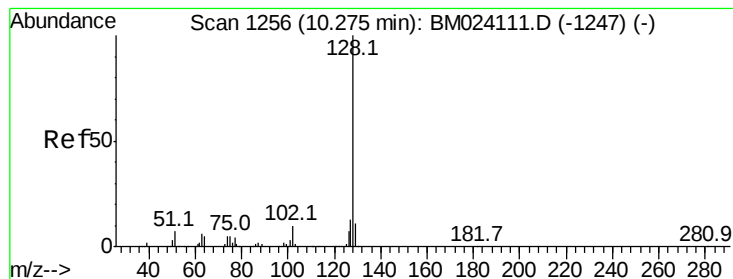


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 11.201 ng

RT: 10.27 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

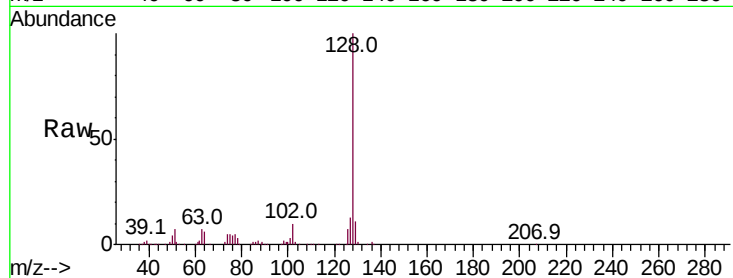
Tot Ion:128 Resp: 789926

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

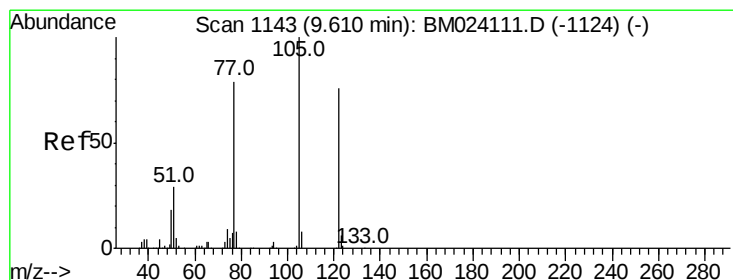
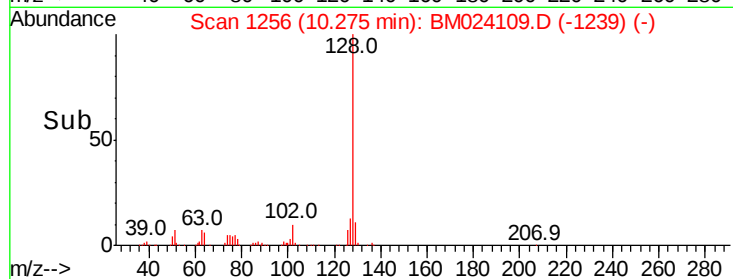
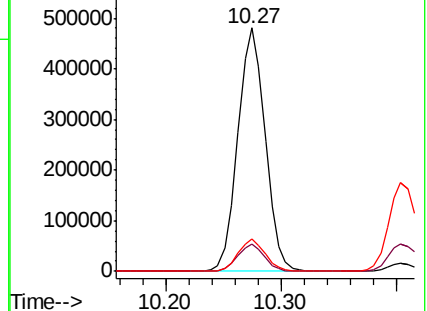
127 13.2 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.209 ng

RT: 9.56 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

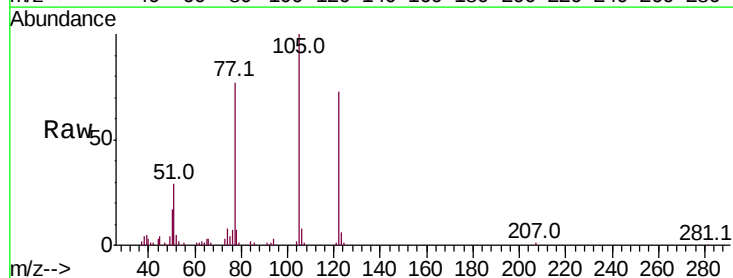
Tgt Ion:122 Resp: 116820

Ion Ratio Lower Upper

122 100

105 137.4 110.4 150.4

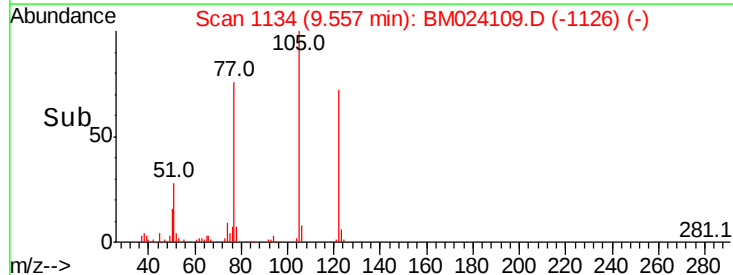
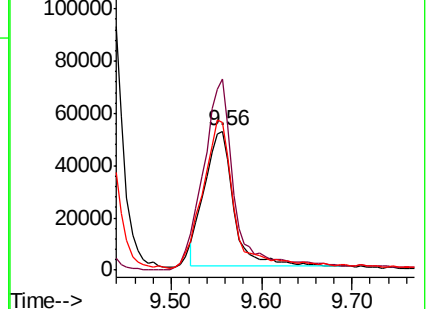
77 106.5 83.0 123.0

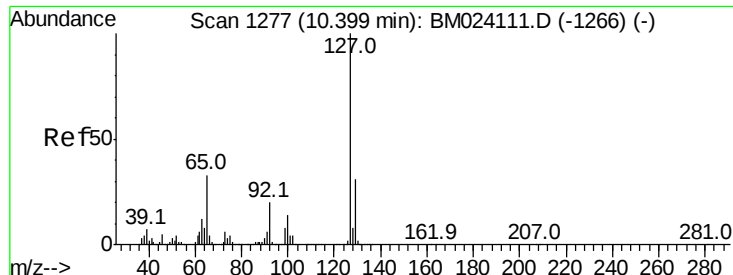


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

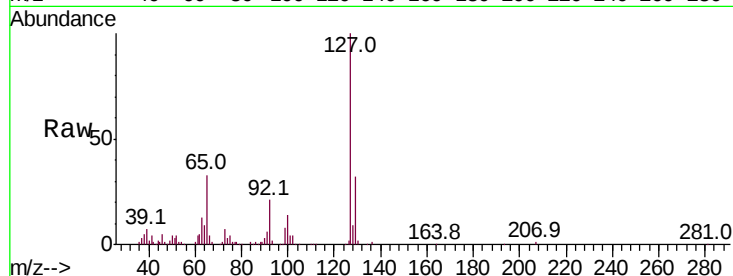




#33
4-Chloroaniline
Concen: 10.576 ng
RT: 10.40 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	323826
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.9	37.3
65	33.1	26.2	39.4
92	20.6	16.3	24.5



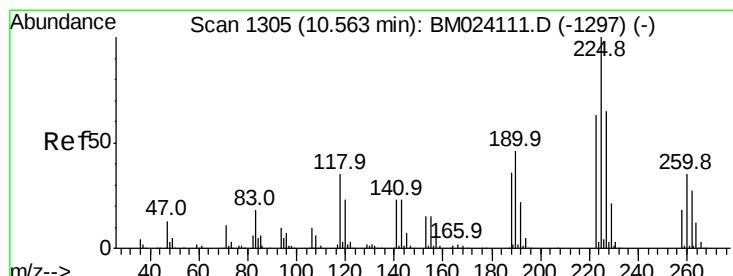
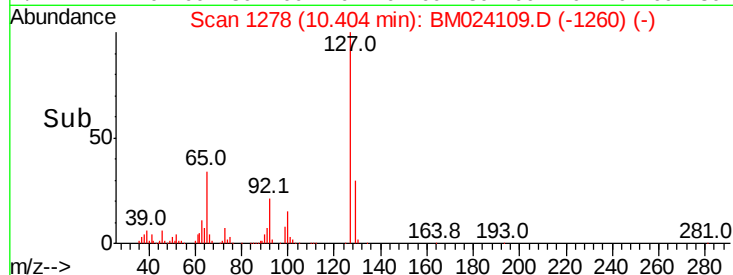
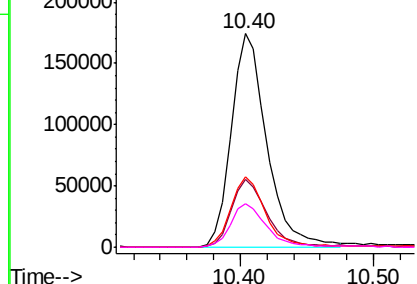
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

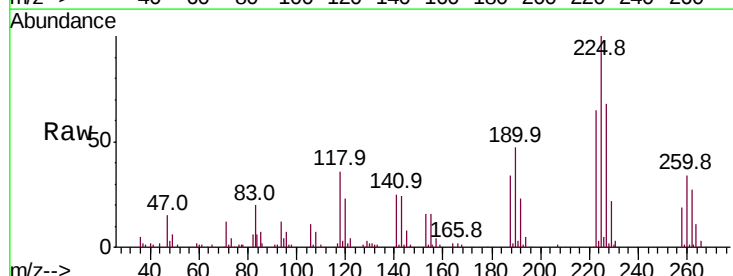
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 10.423 ng
RT: 10.56 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion:	225	Resp:	153660
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	75.8
227	68.0	52.2	78.4

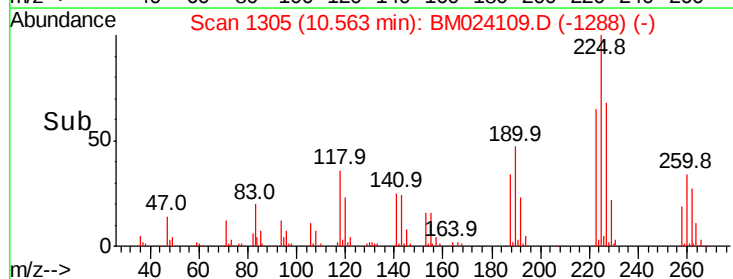
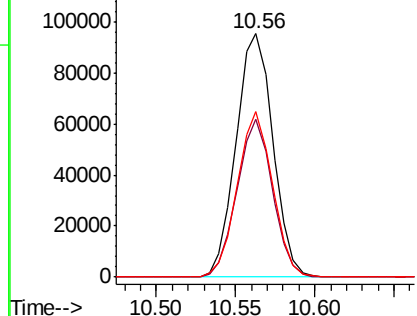


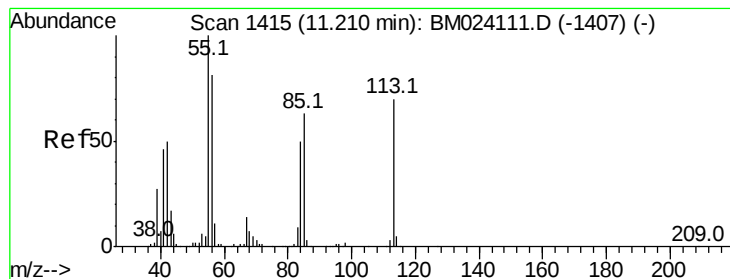
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 12.047 ng

RT: 11.20 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

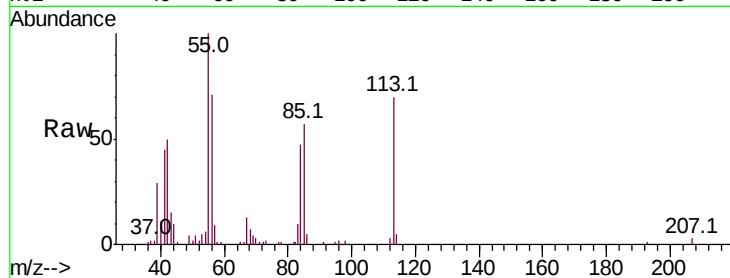
Tot Ion:113 Resp: 71788

Ion Ratio Lower Upper

113 100

55 143.6 122.4 162.4

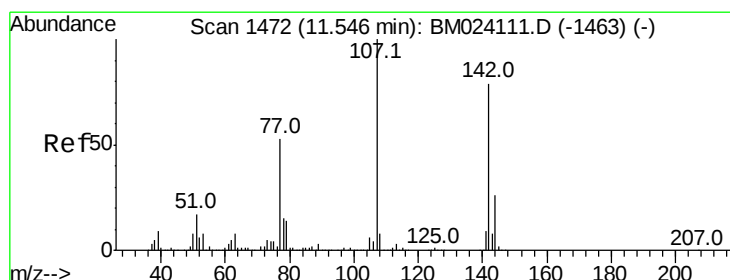
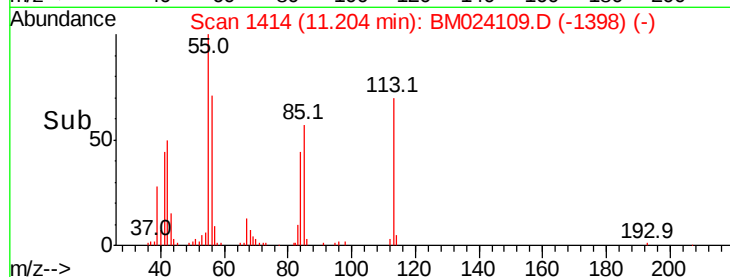
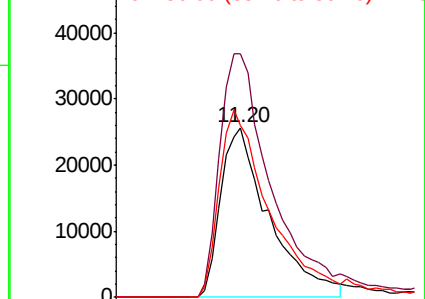
56 101.3 95.5 135.5



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: 13.395 ng

RT: 11.55 min Scan# 1472

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

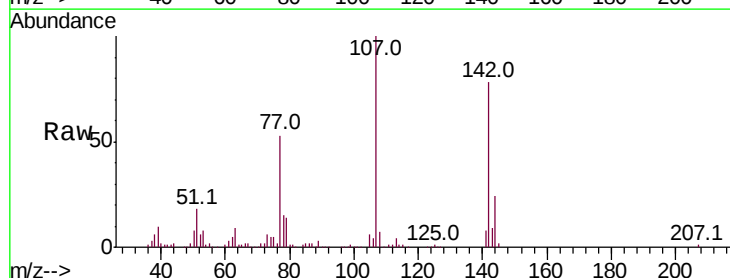
Tgt Ion:107 Resp: 262689

Ion Ratio Lower Upper

107 100

144 23.7 20.5 30.7

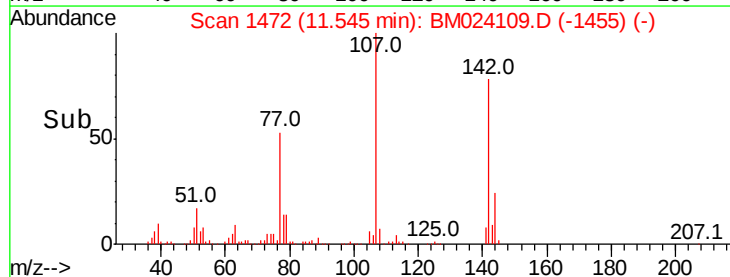
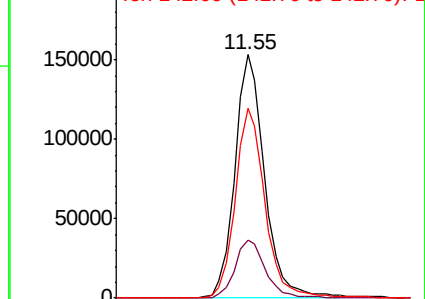
142 78.2 63.6 95.4

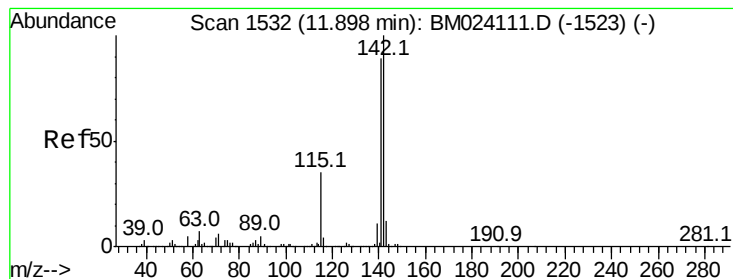


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 11.865 ng

RT: 11.90 min Scan# 1533

Delta R.T. 0.01 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampled :

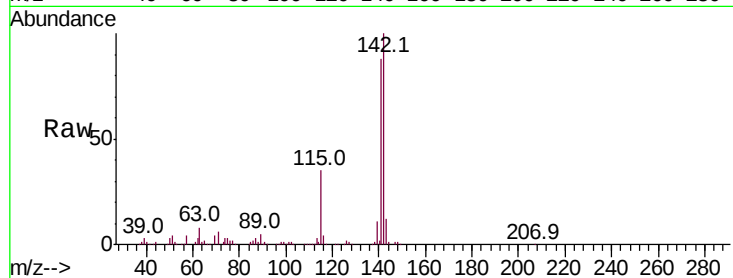
Tot Ion:142 Resp: 582448

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6

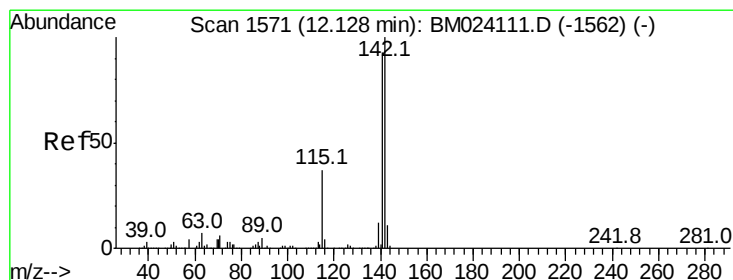
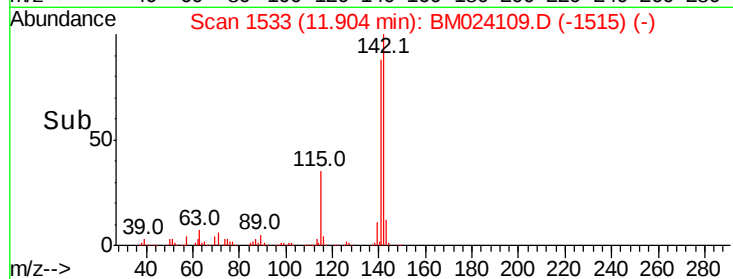
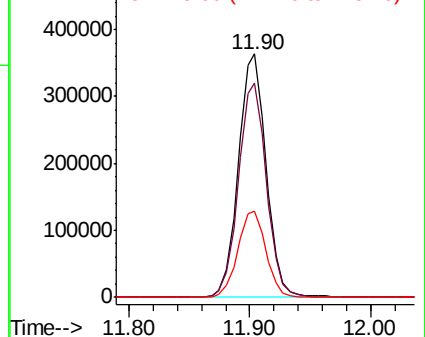
115 35.5 28.4 42.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 11.996 ng

RT: 12.13 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

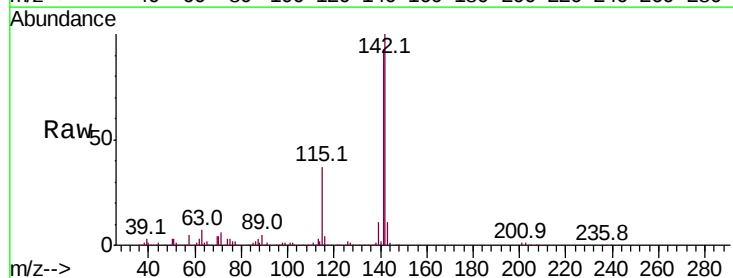
Tgt Ion:142 Resp: 558963

Ion Ratio Lower Upper

142 100

141 92.8 74.5 111.7

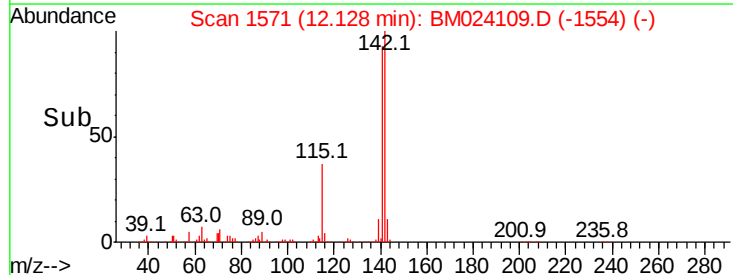
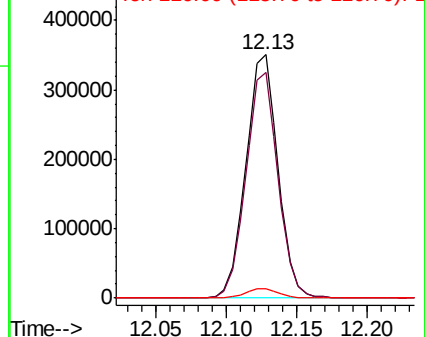
116 3.8 3.1 4.7

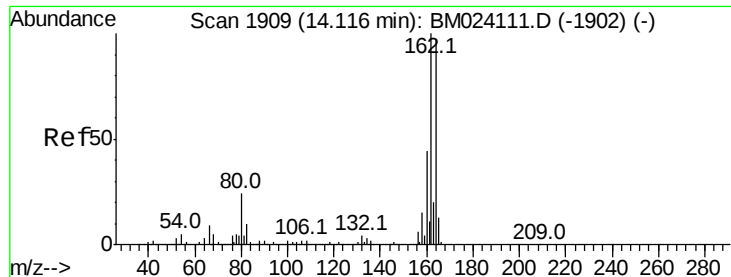


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.12 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

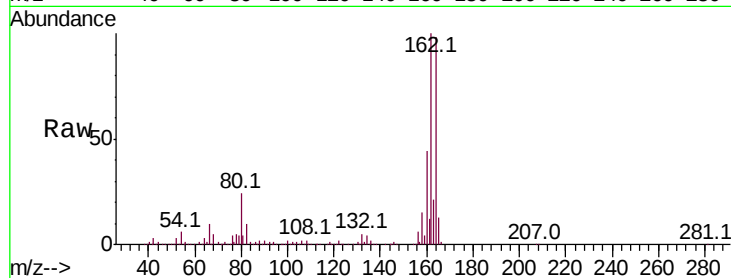
Tot Ion:164 Resp: 949857

Ion Ratio Lower Upper

164 100

162 102.1 82.2 123.4

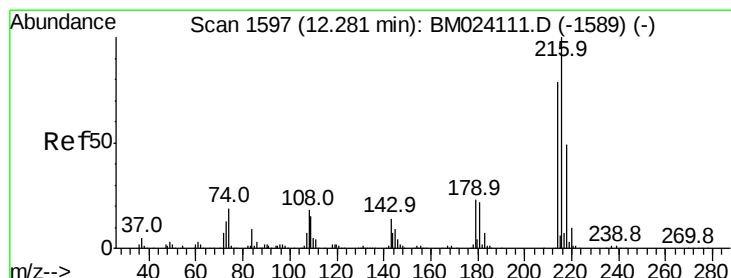
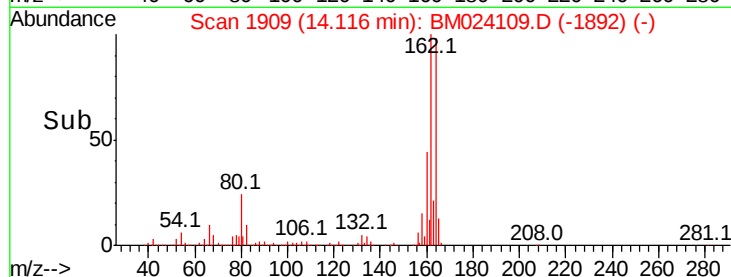
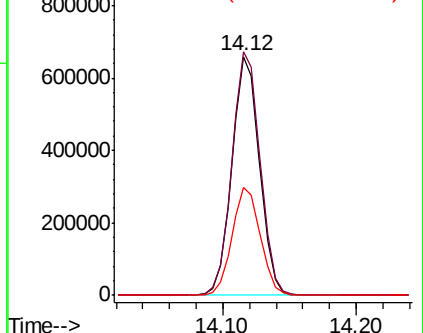
160 45.0 35.9 53.9



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: 9.120 ng

RT: 12.28 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Tgt Ion:216 Resp: 293513

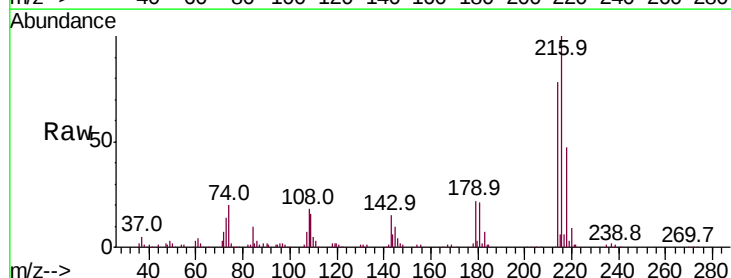
Ion Ratio Lower Upper

216 100

214 78.3 63.4 95.2

179 22.5 18.0 27.0

108 18.7 15.4 23.0

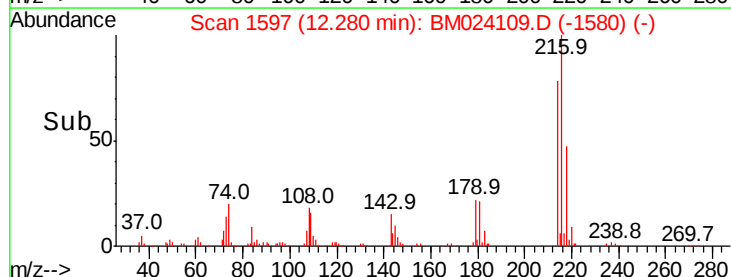
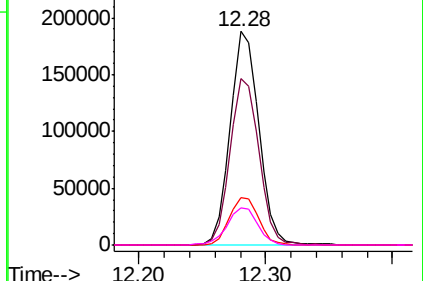


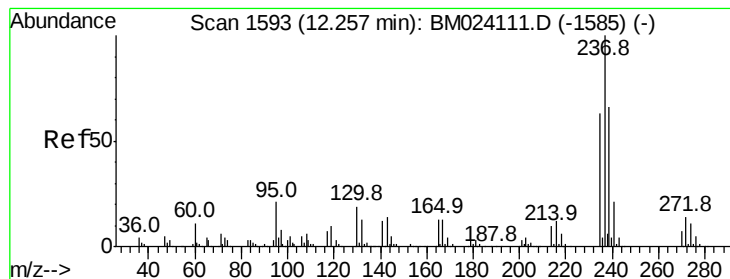
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 3.429 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

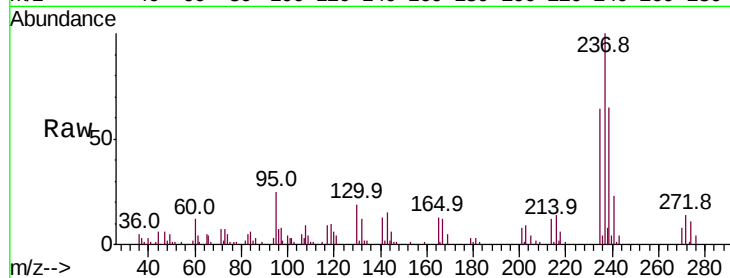
Tot Ion:237 Resp: 60223

Ion Ratio Lower Upper

237 100

235 63.8 43.0 83.0

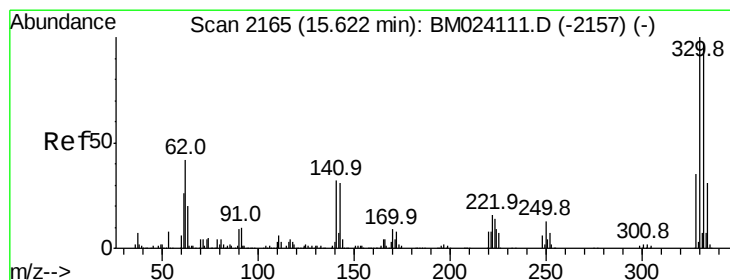
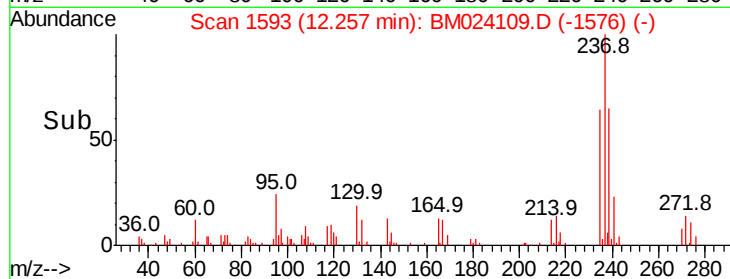
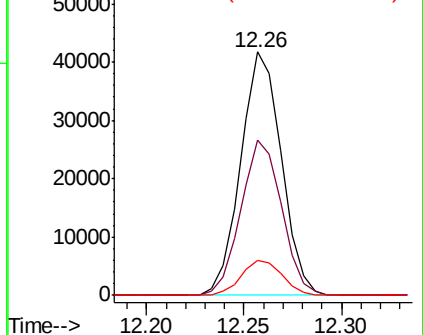
272 14.4 0.0 33.8



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: 21.894 ng

RT: 15.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

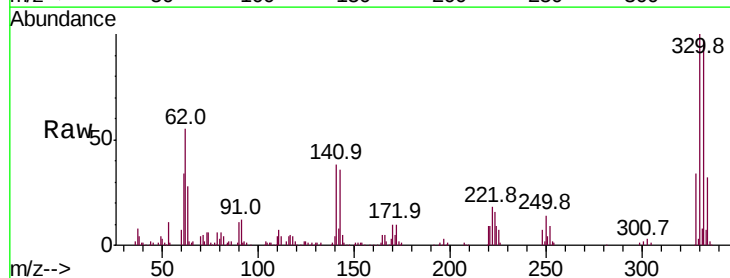
Tgt Ion:330 Resp: 259602

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

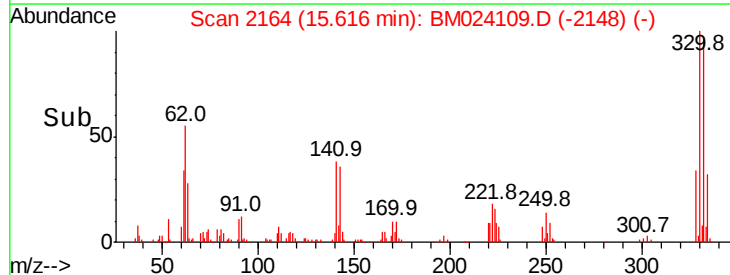
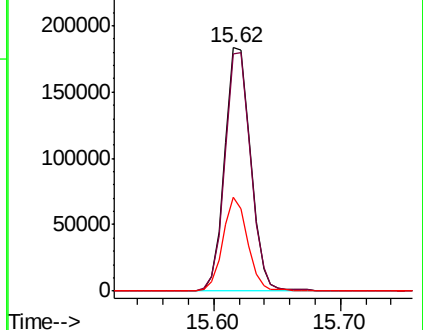
141 36.7 27.0 40.6

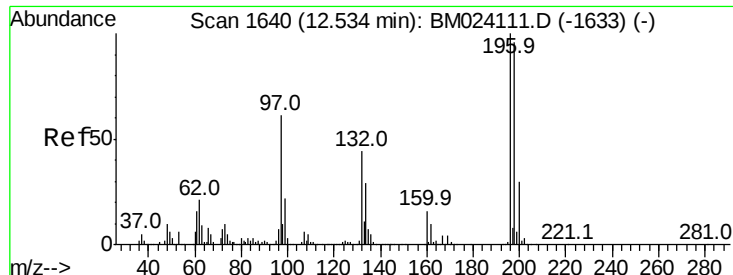


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

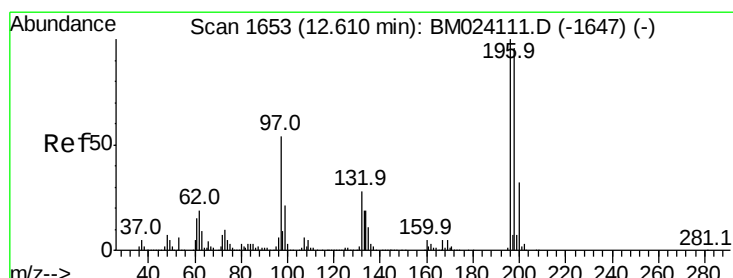
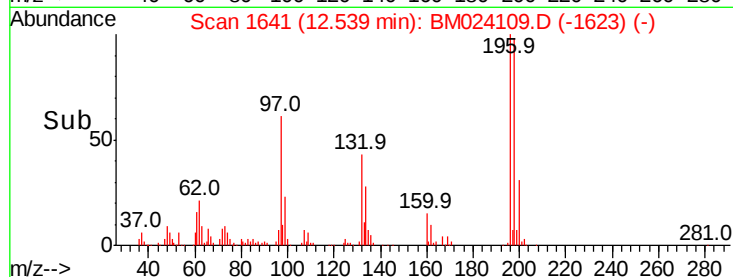
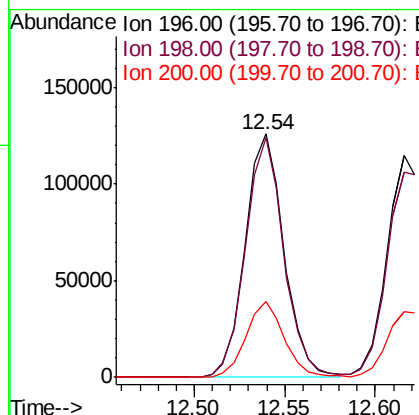
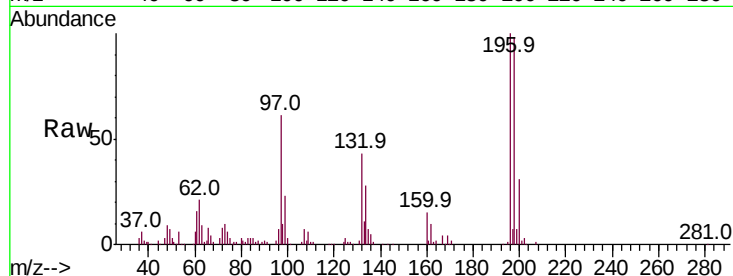




#43
 2,4,6-Trichlorophenol
 Concen: 10.086 ng
 RT: 12.54 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BM024109.D
 Acq: 16 Dec 2019 15:33

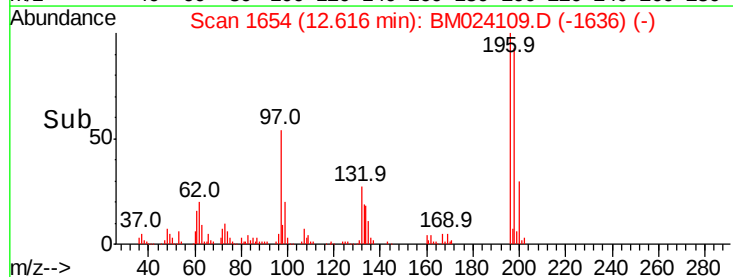
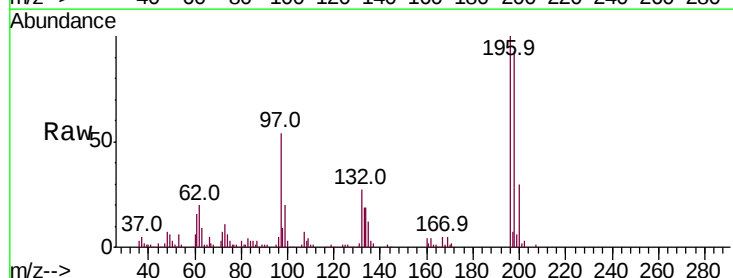
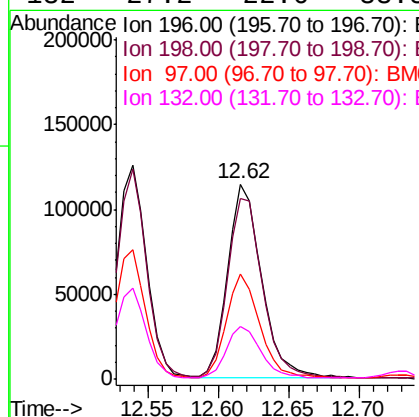
Instrument :
 BNA_M
 ClientSampleId :

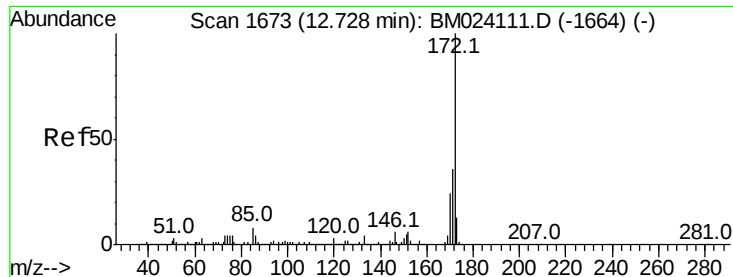
Tot Ion	196	Resp	187363
Ion Ratio	Lower	Upper	
196	100		
198	98.3	77.1	115.7
200	31.1	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 9.775 ng
 RT: 12.62 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM024109.D
 Acq: 16 Dec 2019 15:33

Tgt Ion	196	Resp	189214
Ion Ratio	Lower	Upper	
196	100		
198	92.7	76.6	114.8
97	53.8	42.9	64.3
132	27.2	22.6	33.8



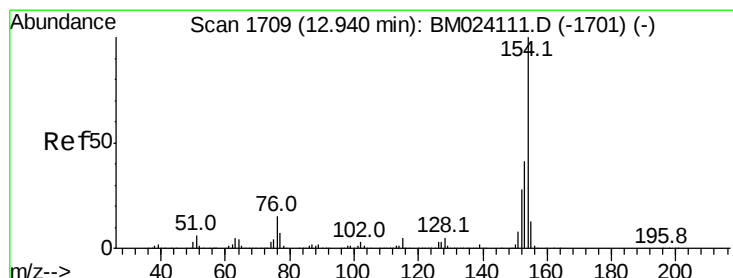
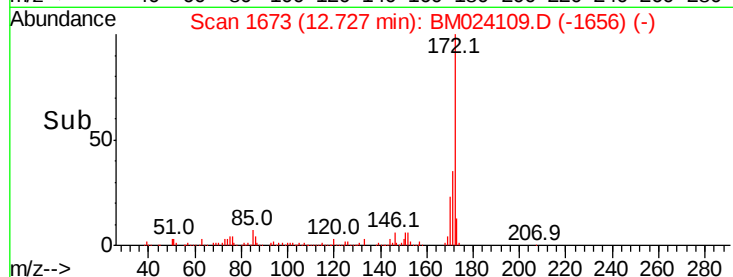
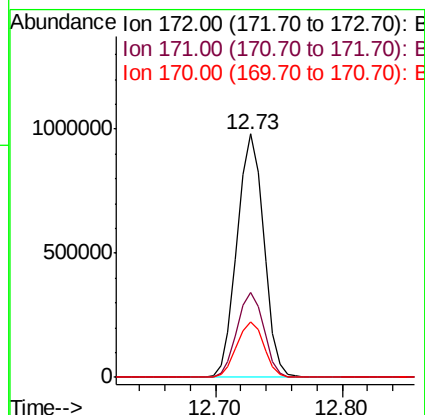
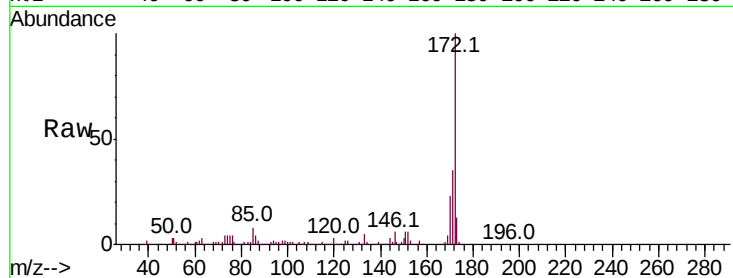


#45
2-Fluorobiphenyl
Concen: 20.829 ng
RT: 12.73 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 1436762

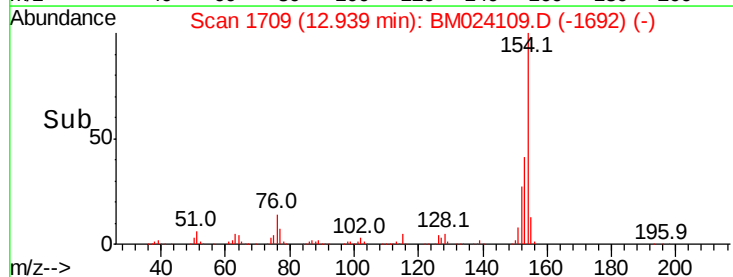
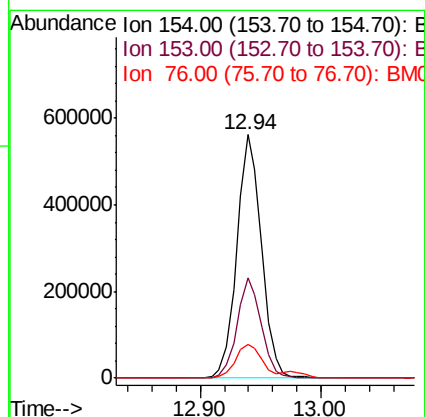
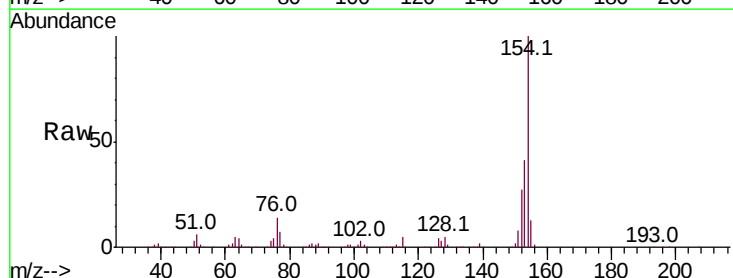
Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	23.0	18.9	28.3

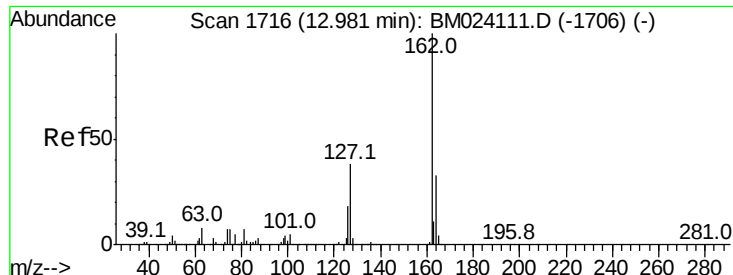


#46
1,1'-Biphenyl
Concen: 10.147 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion:154 Resp: 797697

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.1	61.1
76	14.0	0.0	35.1

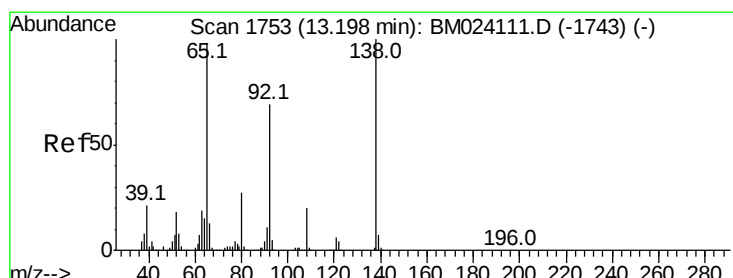
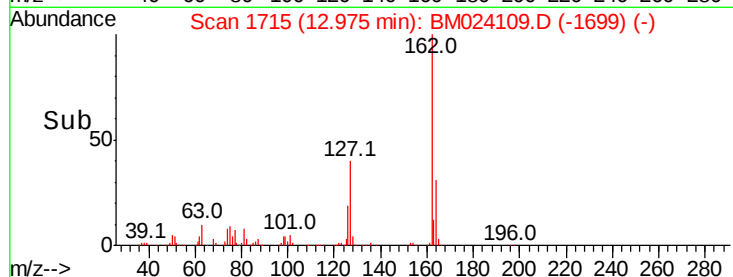
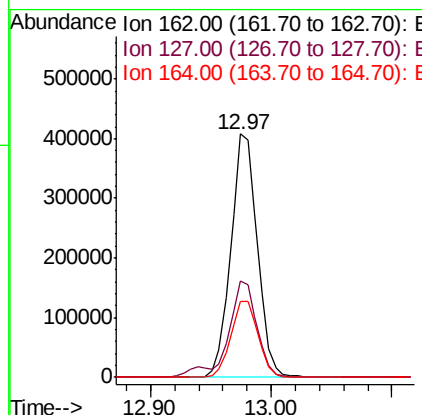
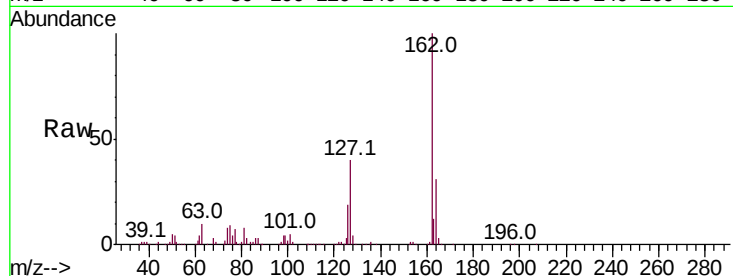




#47
2-Chloronaphthalene
Concen: 10.649 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

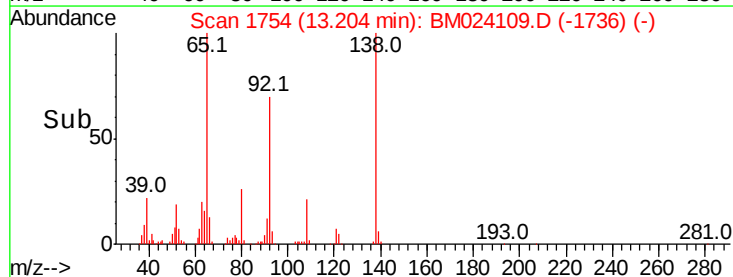
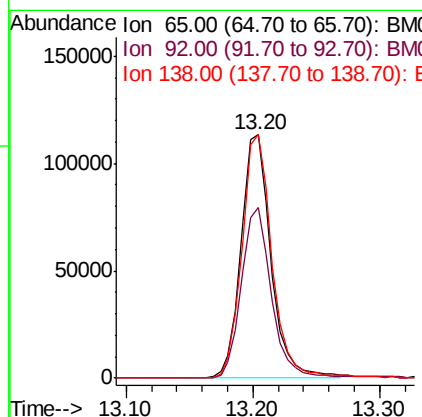
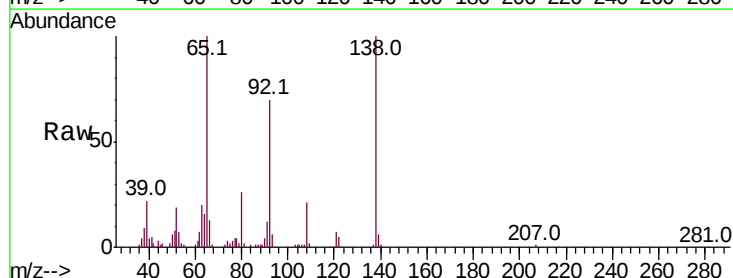
Instrument :
BNA_M
ClientSampleId :

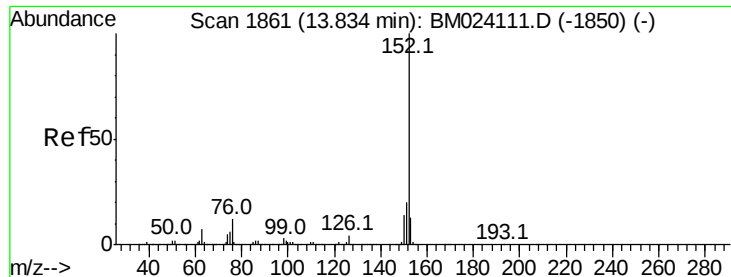
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.0	46.4
164	31.4	26.2	39.2



#48
2-Nitroaniline
Concen: 12.173 ng
RT: 13.20 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	56.4	84.6
138	100.2	81.9	122.9





#49

Acenaphthylene

Concen: 10.927 ng

RT: 13.83 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

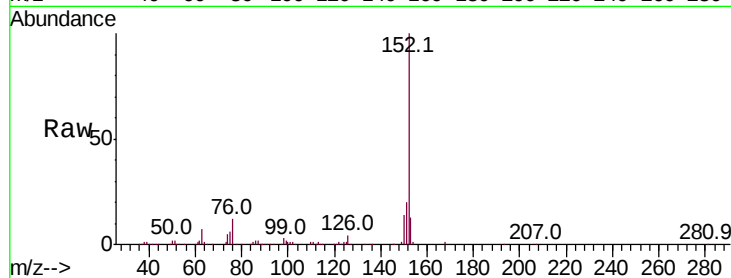
Tot Ion:152 Resp: 948075

Ion Ratio Lower Upper

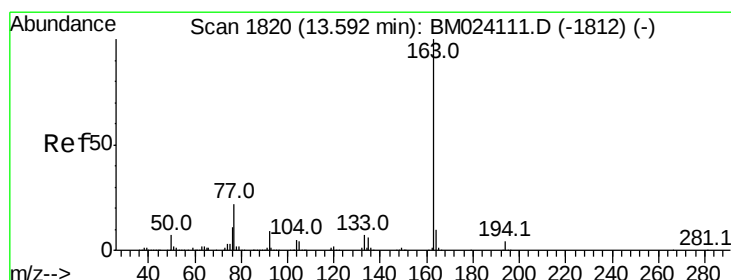
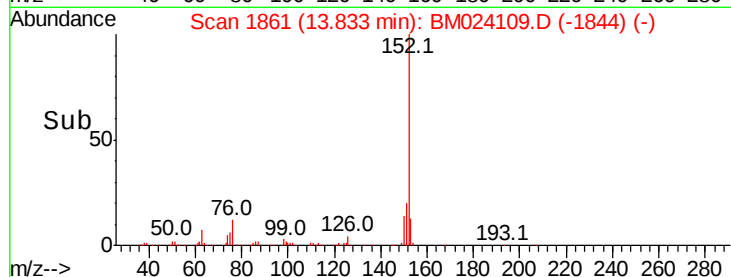
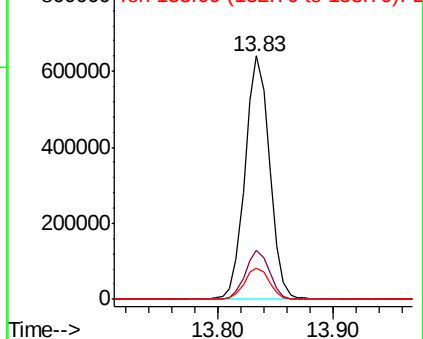
152 100

151 20.4 16.1 24.1

153 13.0 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 11.809 ng

RT: 13.59 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

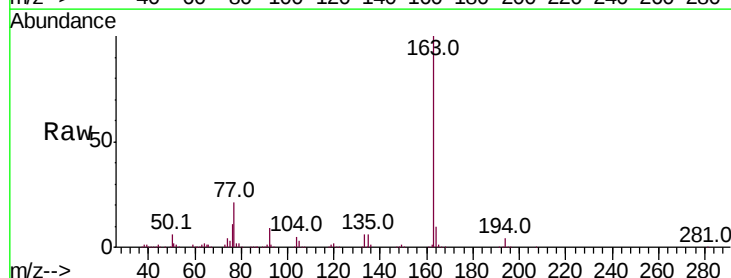
Tgt Ion:163 Resp: 810638

Ion Ratio Lower Upper

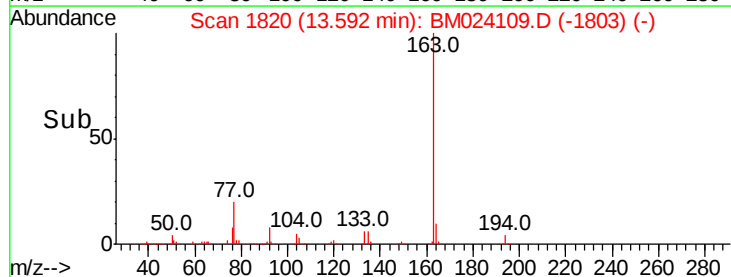
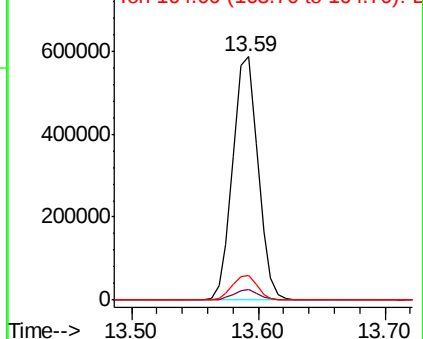
163 100

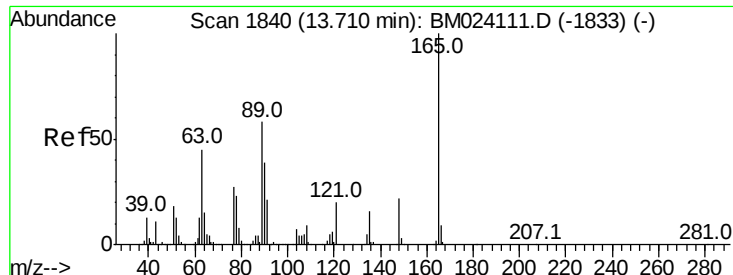
194 4.2 3.3 4.9

164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

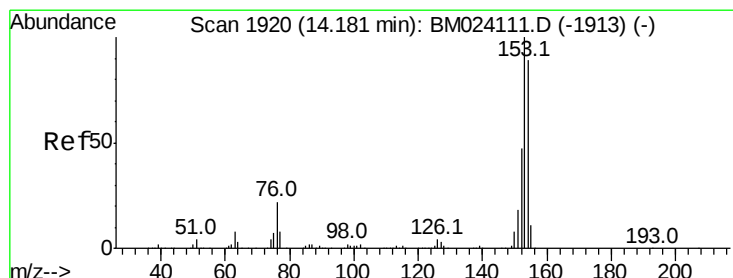
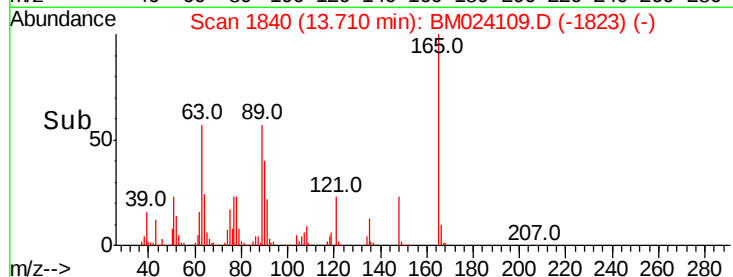
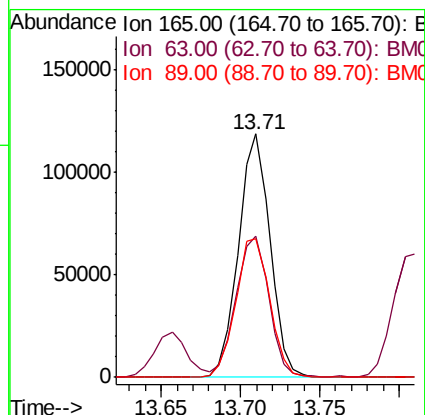
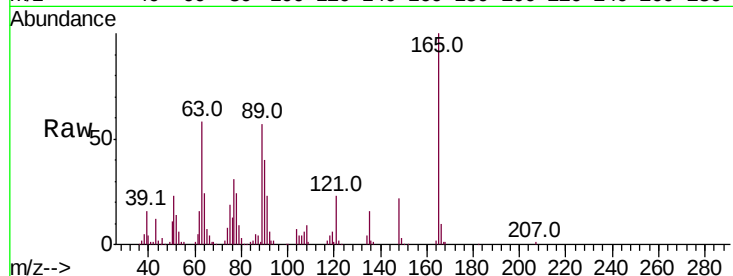




#51
2,6-Dinitrotoluene
Concen: 11.411 ng
RT: 13.71 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

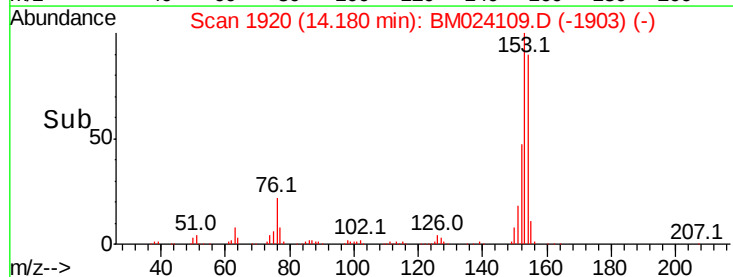
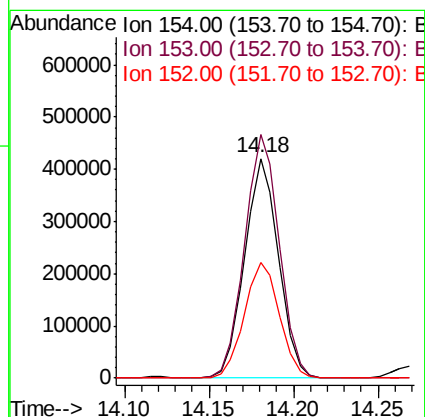
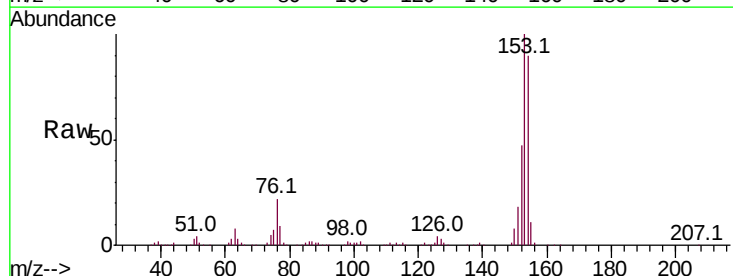
Instrument :
BNA_M
ClientSampleId :

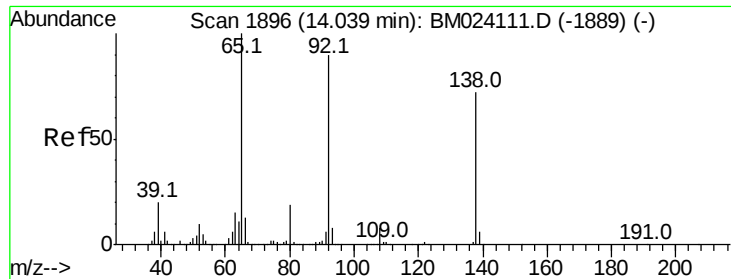
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.8	43.0	64.6
89	56.8	46.4	69.6



#52
Acenaphthene
Concen: 10.344 ng
RT: 14.18 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.4	135.6
152	52.7	42.3	63.5

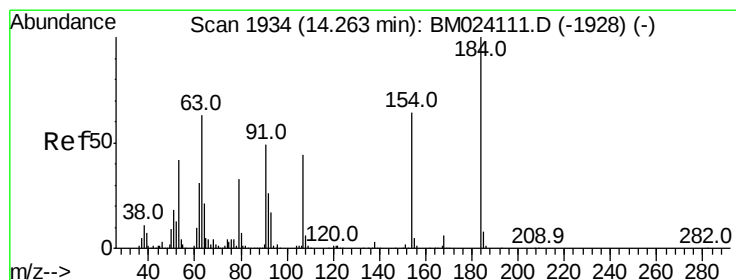
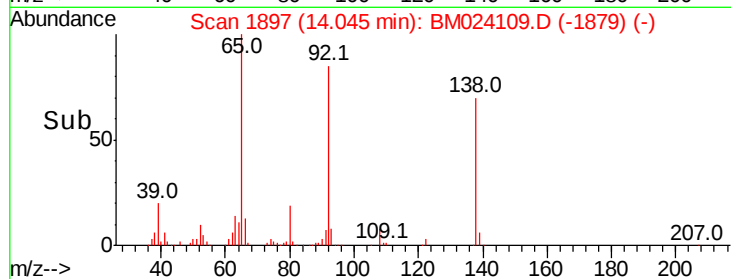
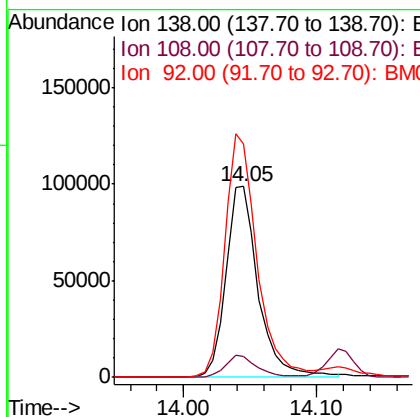
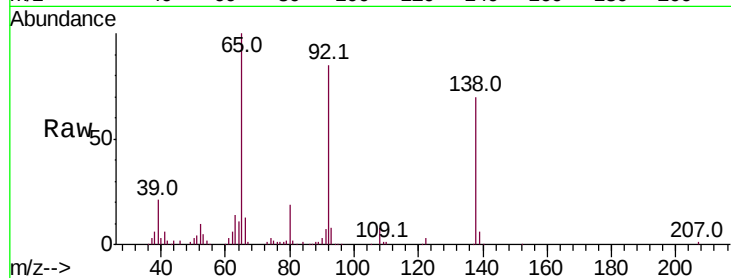




#53
3-Nitroaniline
Concen: 10.107 ng
RT: 14.05 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

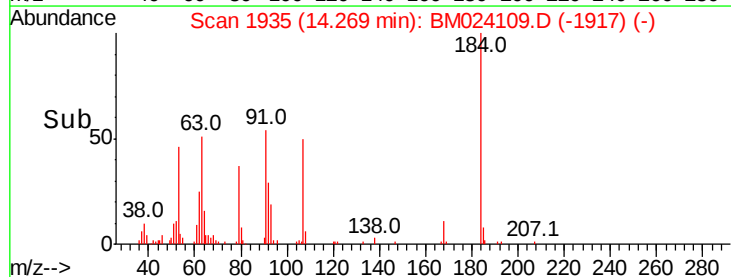
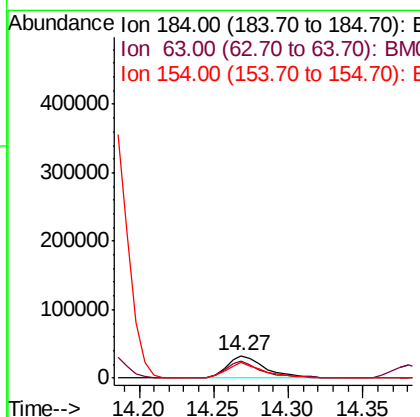
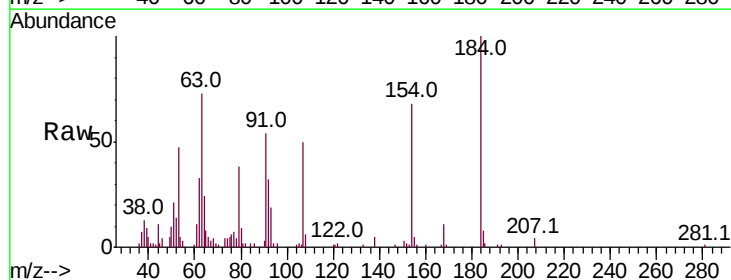
Instrument :
BNA_M
ClientSampleId :

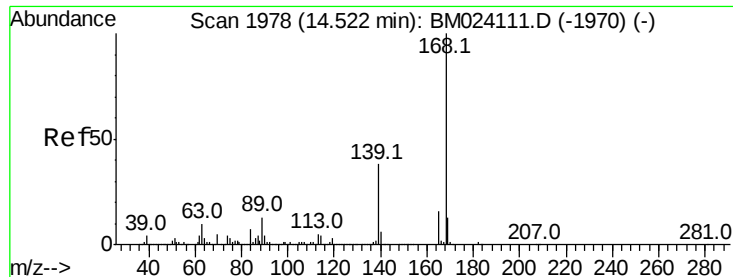
Tot Ion:138 Resp: 167065
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 122.0 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 8.691 ng
RT: 14.27 min Scan# 1935
Delta R.T. 0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion:184 Resp: 58918
Ion Ratio Lower Upper
184 100
63 73.1 50.2 75.4
154 68.5 51.8 77.8

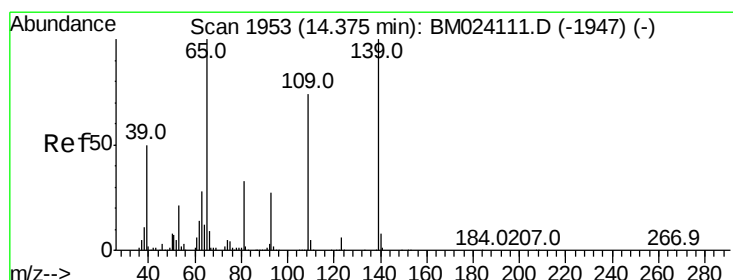
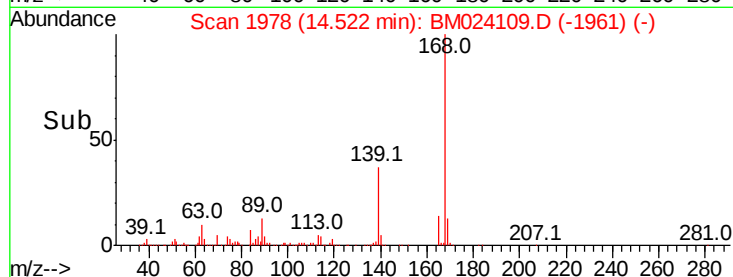
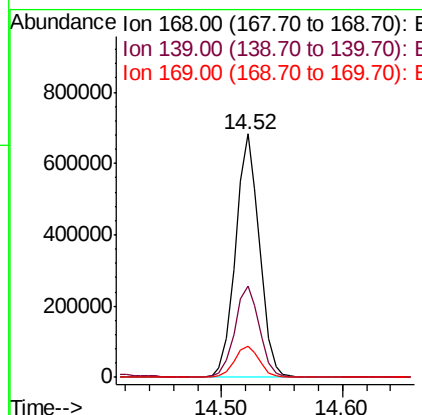
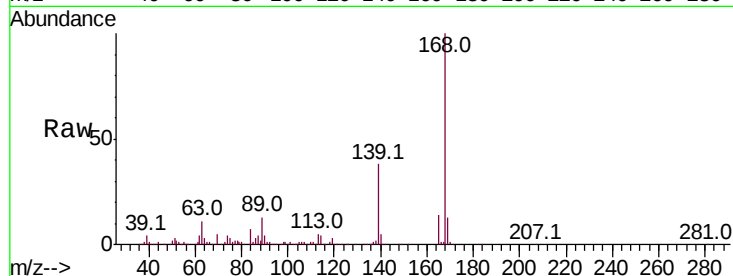




#55
Dibenzofuran
Concen: 11.352 ng
RT: 14.52 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

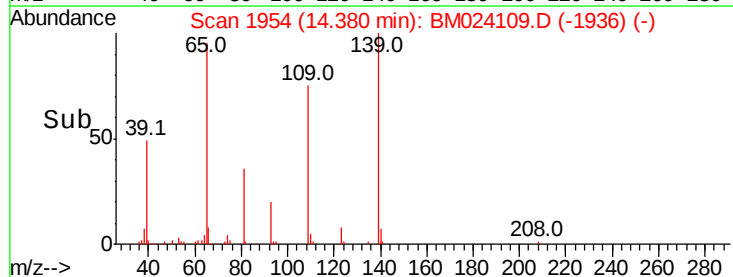
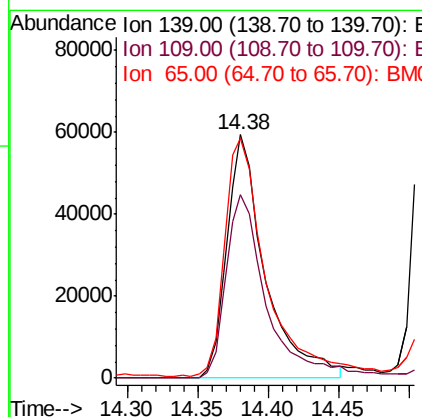
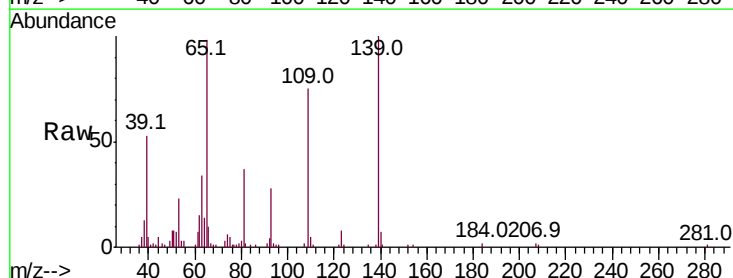
Instrument :
BNA_M
ClientSampleId :

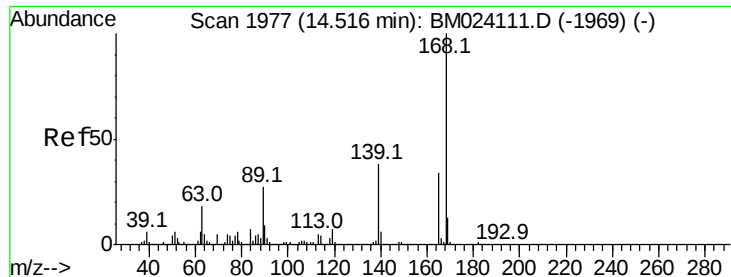
Tot Ion:168 Resp: 940762
Ion Ratio Lower Upper
168 100
139 37.6 30.4 45.6
169 13.0 10.6 16.0



#56
4-Nitrophenol
Concen: 8.846 ng
RT: 14.38 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion:139 Resp: 112391
Ion Ratio Lower Upper
139 100
109 75.2 54.2 94.2
65 98.5 80.5 120.5

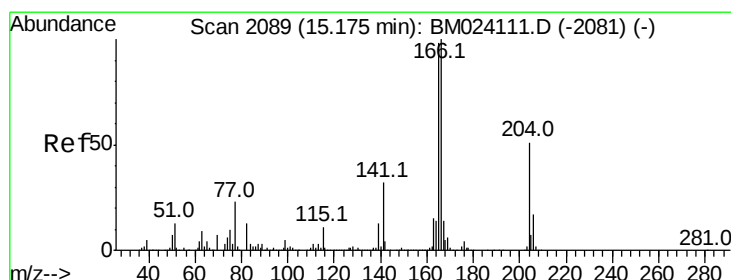
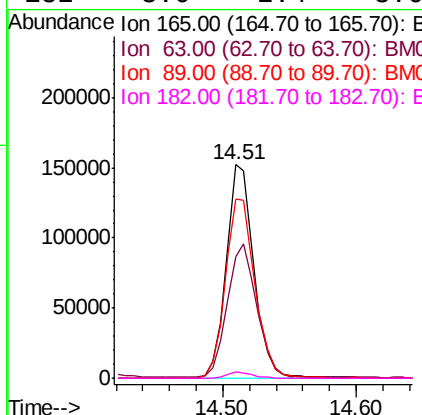
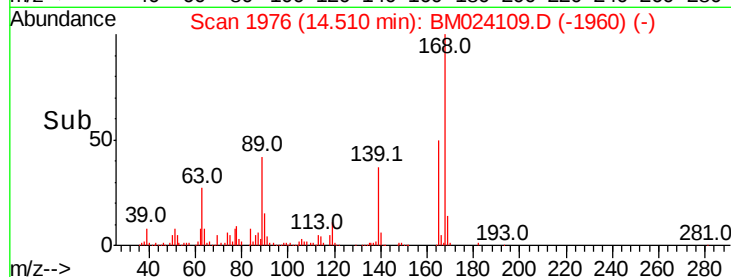
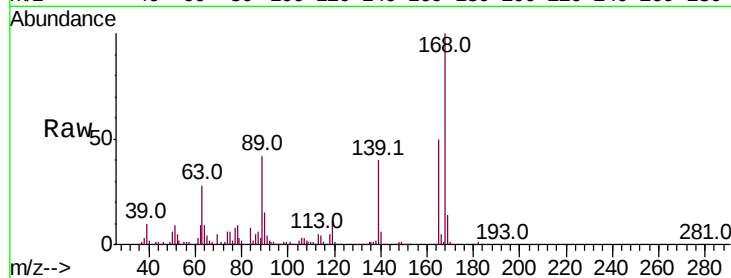




#57
2,4-Dinitrotoluene
Concen: 11.796 ng
RT: 14.51 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

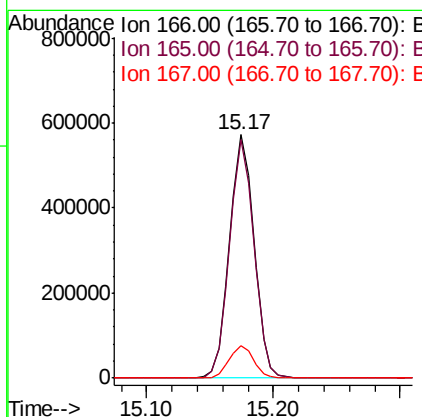
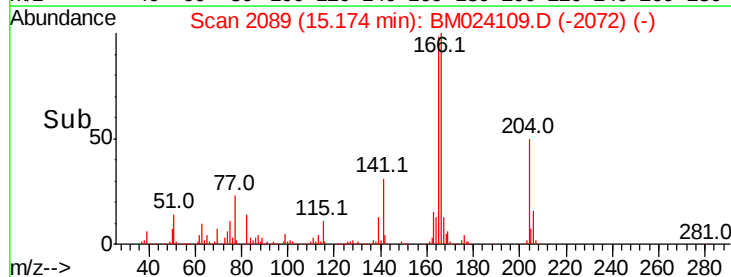
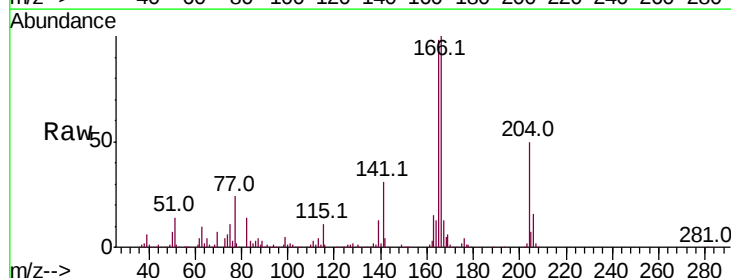
Instrument :
BNA_M
ClientSampleId :

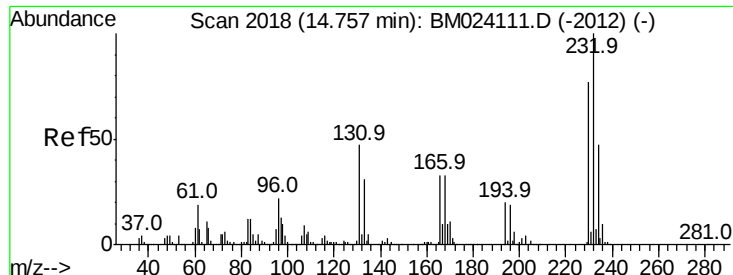
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.7	42.6	64.0
89	84.1	61.6	92.4
182	3.0	2.4	3.6



#58
Fluorene
Concen: 11.406 ng
RT: 15.17 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.0	117.0
167	13.5	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 10.885 ng

RT: 14.76 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 183762

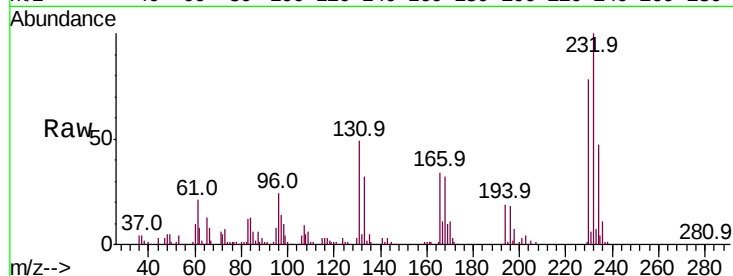
Ion Ratio Lower Upper

232 100

131 46.9 36.1 54.1

130 2.6 1.9 2.9

166 33.4 25.5 38.3

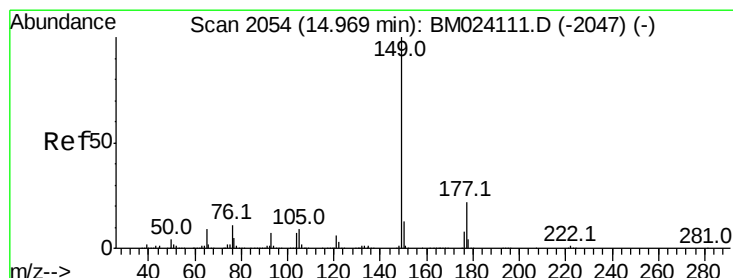
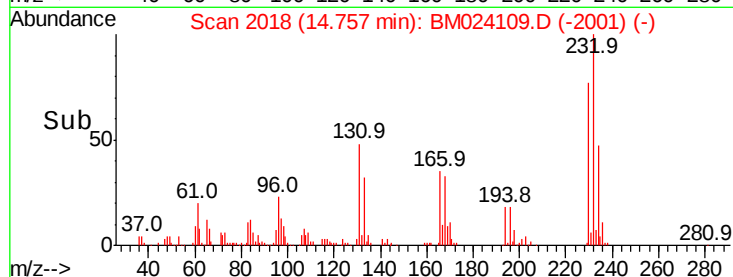
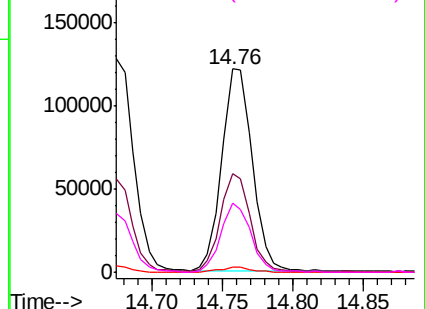


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 12.157 ng

RT: 14.97 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

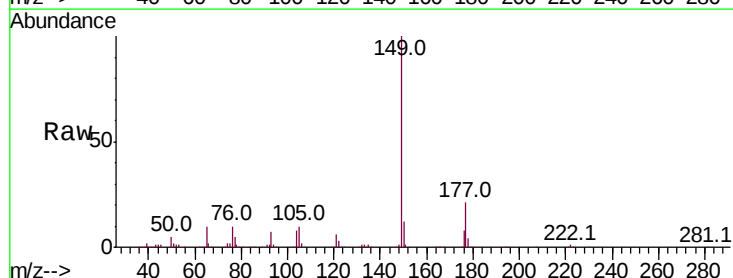
Tgt Ion:149 Resp: 811400

Ion Ratio Lower Upper

149 100

177 21.2 17.3 25.9

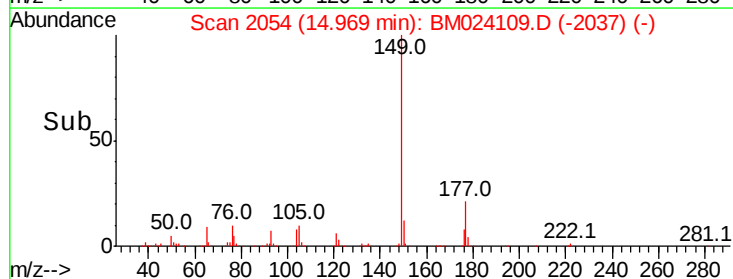
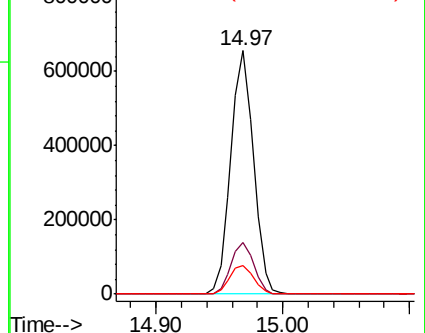
150 12.0 10.1 15.1

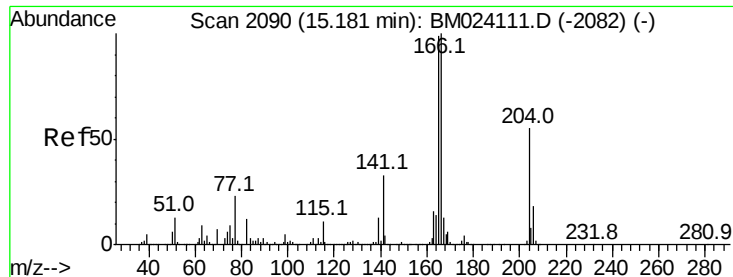


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

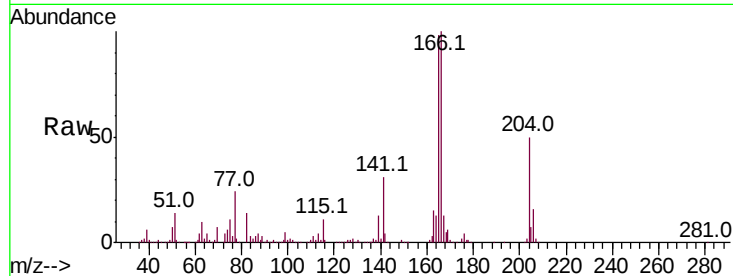




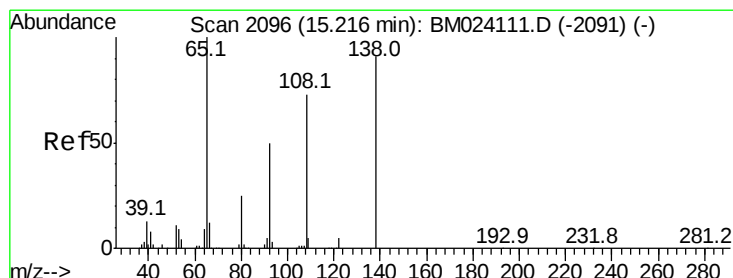
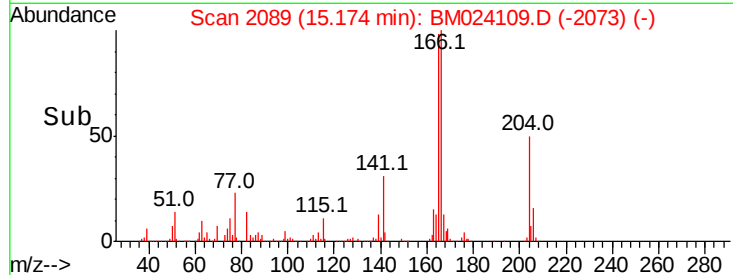
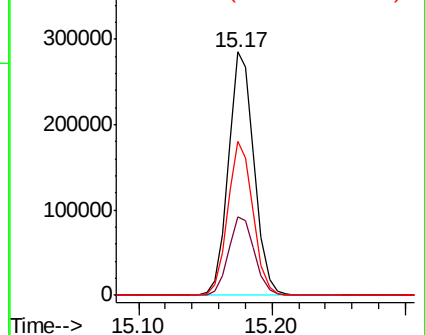
#61
4-Chlorophenyl-phenylether
Concen: 11.088 ng
RT: 15.17 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 383671
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 63.1 47.0 70.4

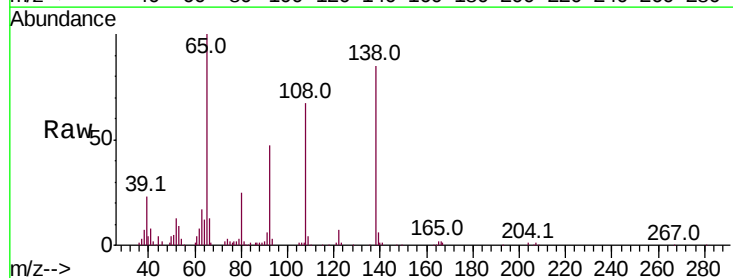


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

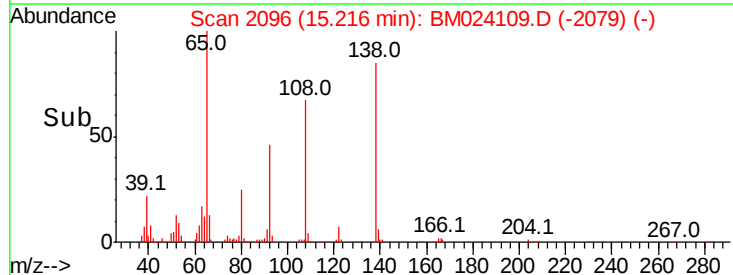
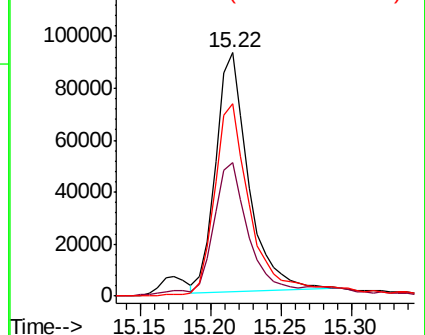


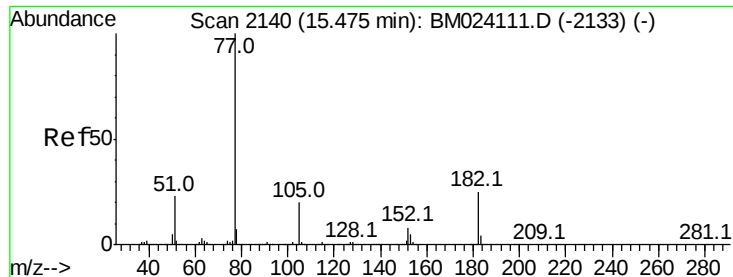
#62
4-Nitroaniline
Concen: 8.616 ng
RT: 15.22 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion:138 Resp: 149317
Ion Ratio Lower Upper
138 100
92 54.6 33.8 73.8
108 79.0 57.6 97.6



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





#63

Azobenzene

Concen: 13.269 ng

RT: 15.47 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 799771

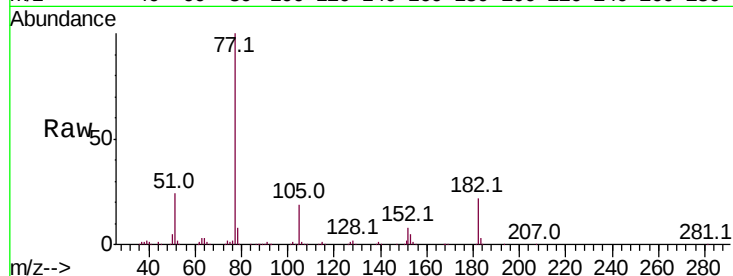
Ion Ratio Lower Upper

77 100

182 22.0 4.7 44.7

105 19.0 0.0 40.0

51 23.7 2.6 42.6

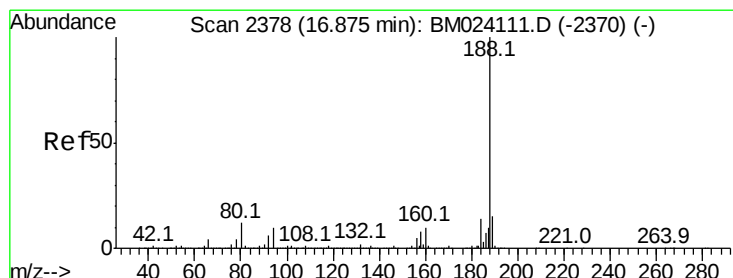
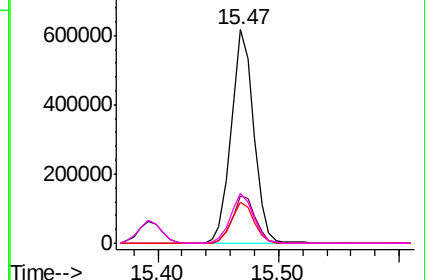
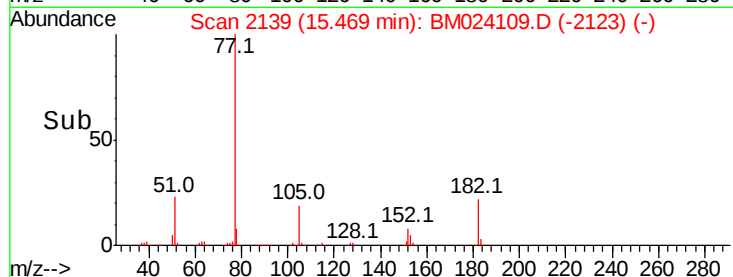


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.87 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

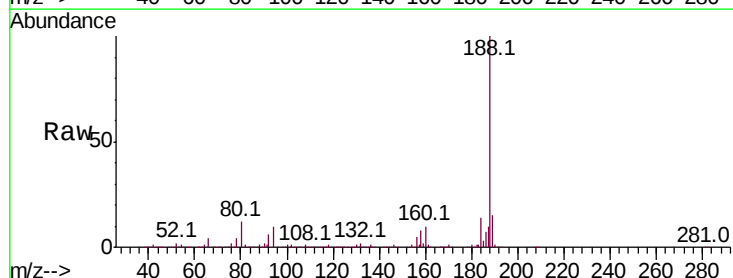
Tgt Ion: 188 Resp: 2081571

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.4

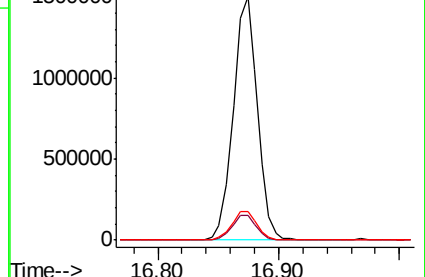
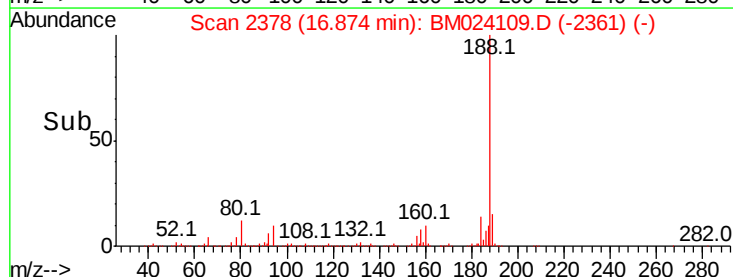
80 11.8 9.6 14.4

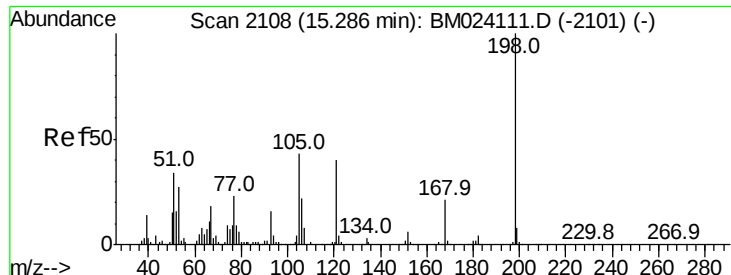


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

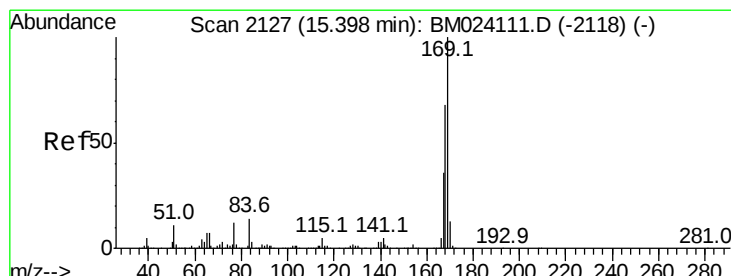
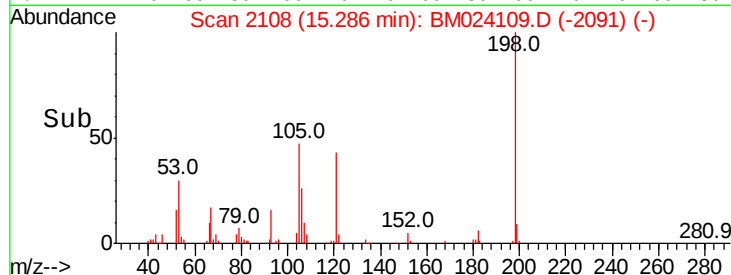
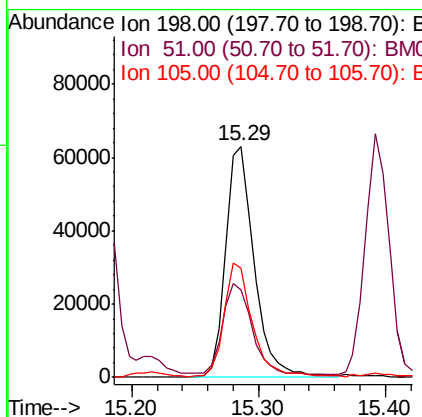
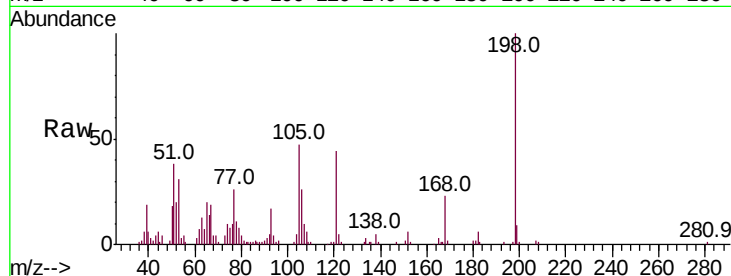




#65
4,6-Dinitro-2-methylphenol
Concen: 10.090 ng
RT: 15.29 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

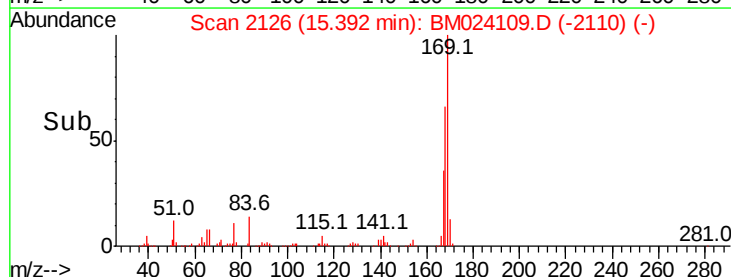
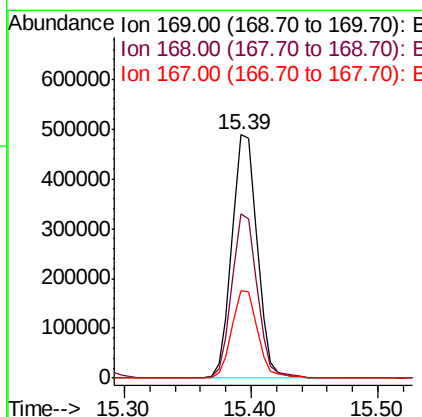
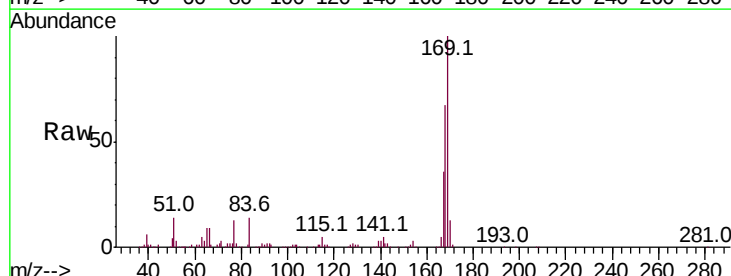
Instrument :
BNA_M
ClientSampleId :

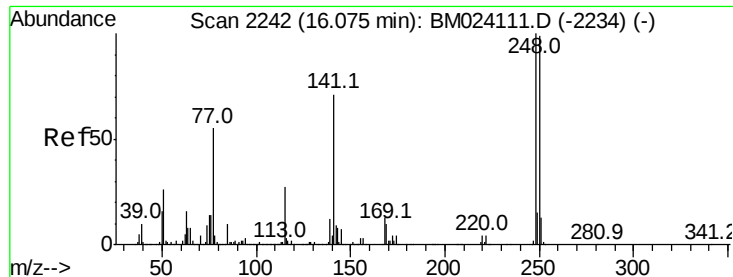
Tot Ion	Ratio	Lower	Upper
198	100		
51	38.0	15.0	55.0
105	47.4	22.9	62.9



#66
n-Nitrosodiphenylamine
Concen: 10.552 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.0	81.0
167	35.7	28.9	43.3





#67

4-Bromophenyl-phenylether

Concen: 10.539 ng

RT: 16.07 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BM024109.D

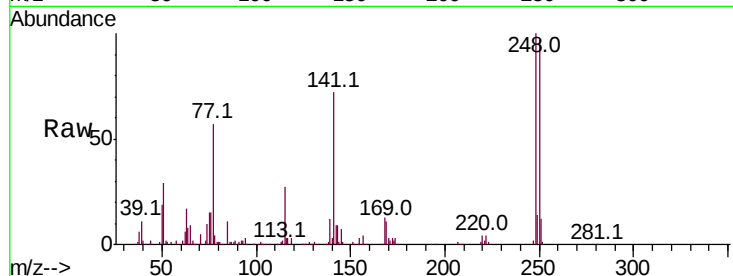
Acq: 16 Dec 2019 15:33

Instrument :

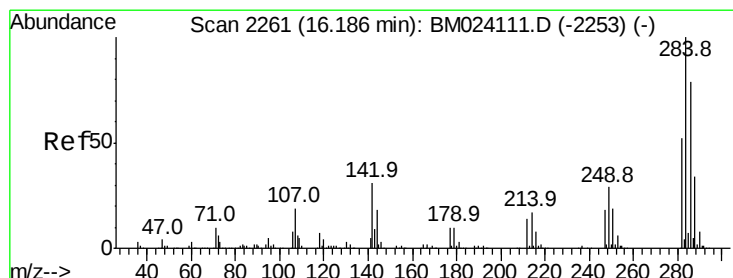
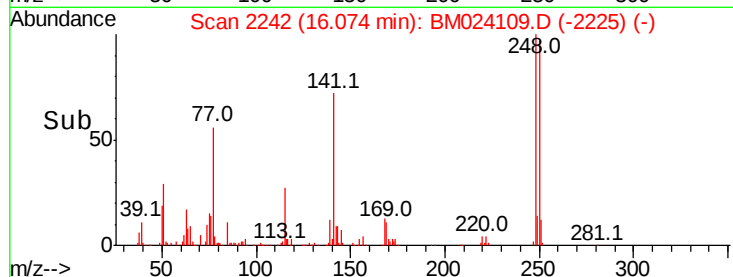
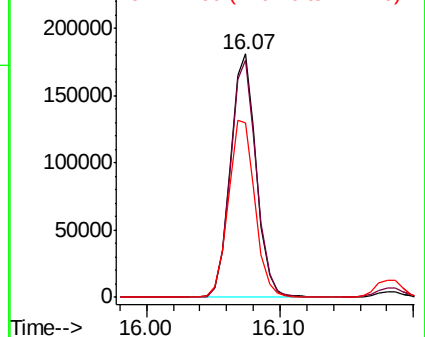
BNA_M

ClientSampled :

Tot Ion:	248	Resp:	244006
Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.1	118.7
141	71.6	56.8	85.2



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: 11.212 ng

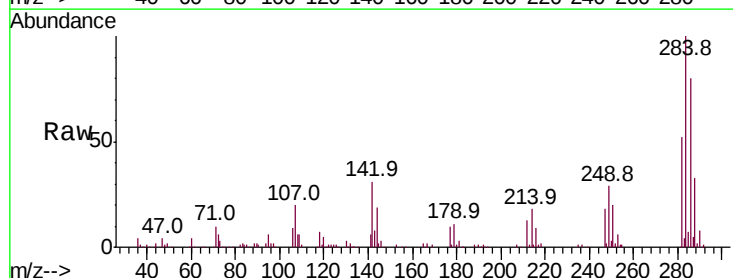
RT: 16.19 min Scan# 2261

Delta R.T. -0.00 min

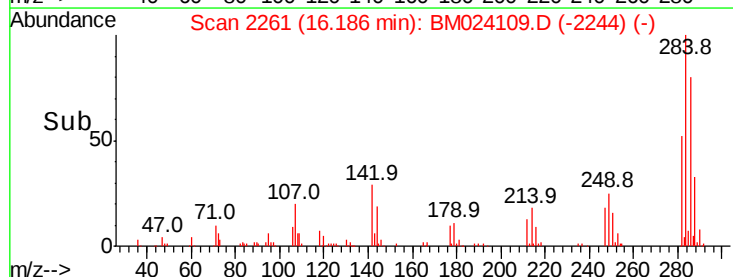
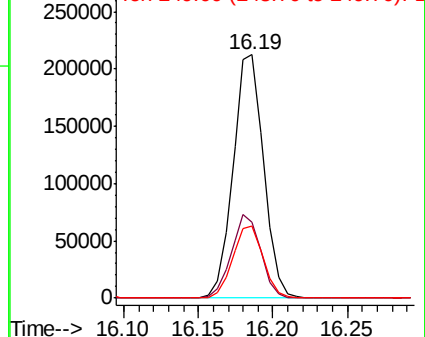
Lab File: BM024109.D

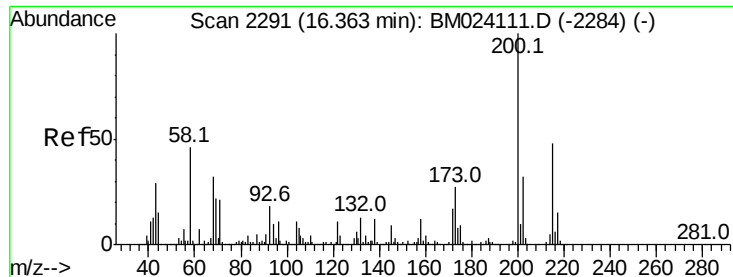
Acq: 16 Dec 2019 15:33

Tgt Ion:	284	Resp:	302716
Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.6	37.0
249	29.4	23.5	35.3



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

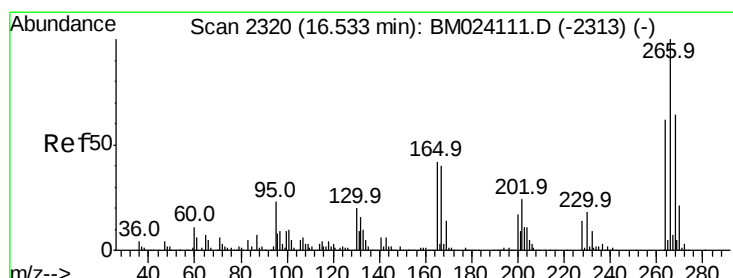
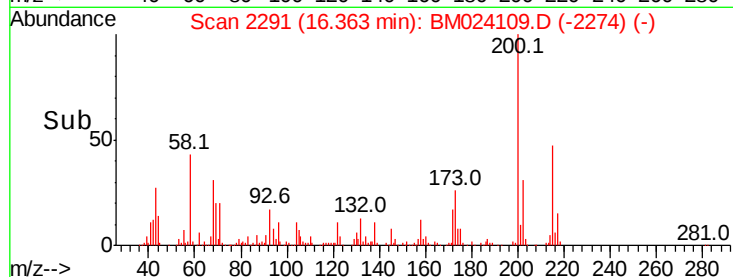
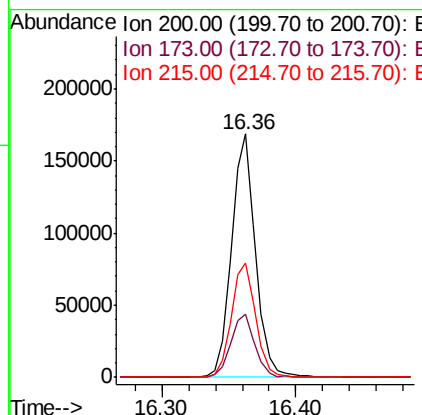
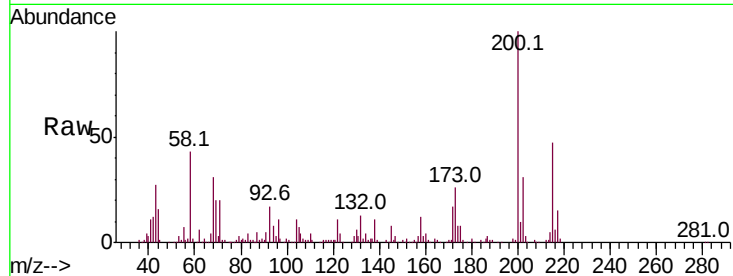




#69
Atrazine
Concen: 10.262 ng
RT: 16.36 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

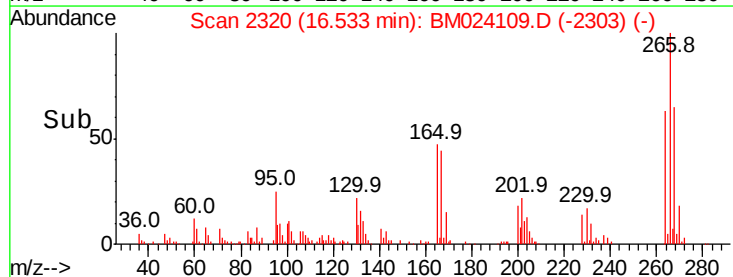
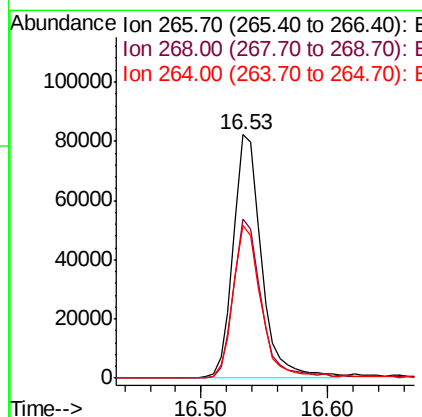
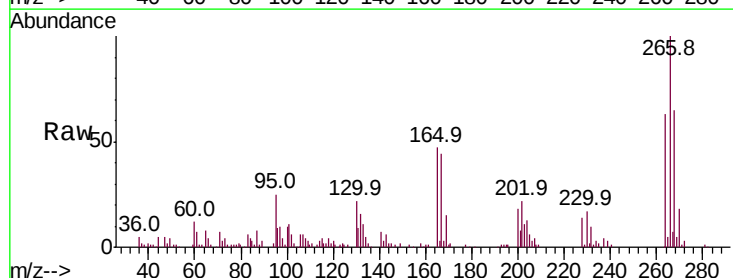
Instrument :
BNA_M
ClientSampleId :

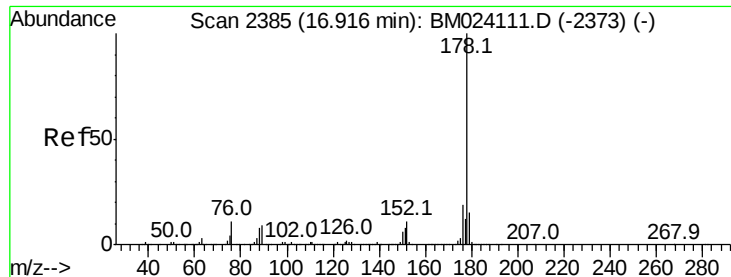
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.2	47.2
215	47.0	27.9	67.9



#70
Pentachlorophenol
Concen: 8.782 ng
RT: 16.53 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.2	76.8
264	62.7	49.6	74.4

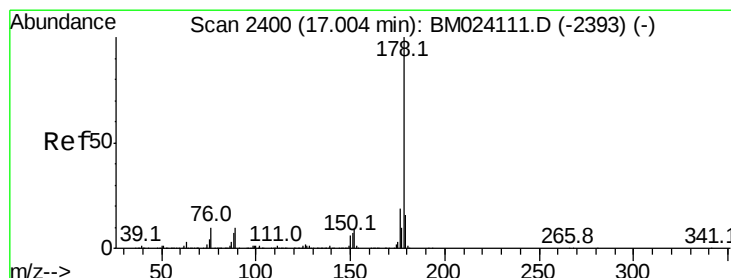
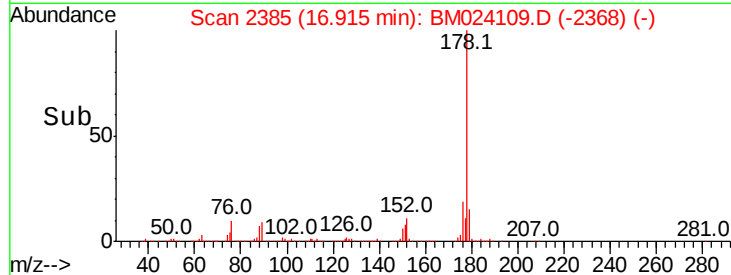
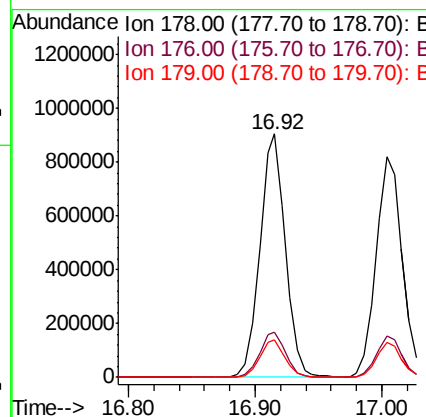
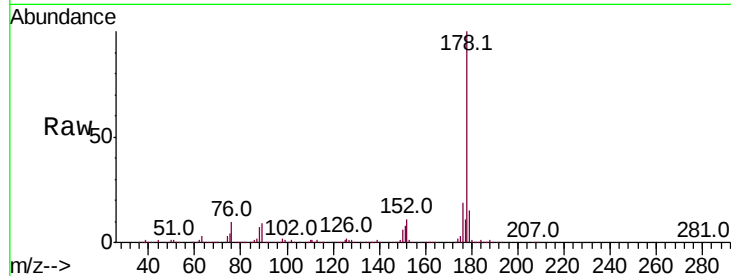




#71
Phenanthrene
Concen: 10.751 ng
RT: 16.92 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

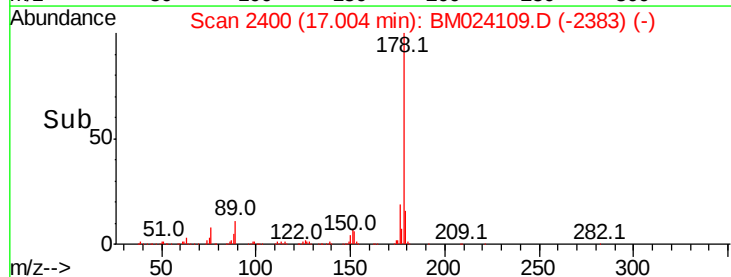
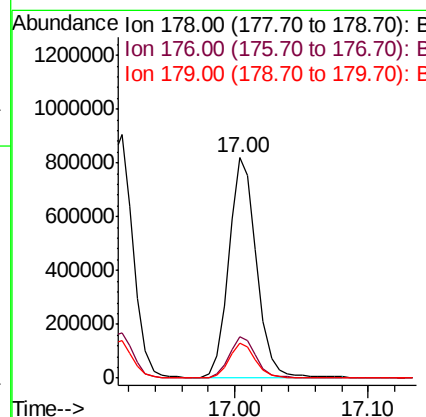
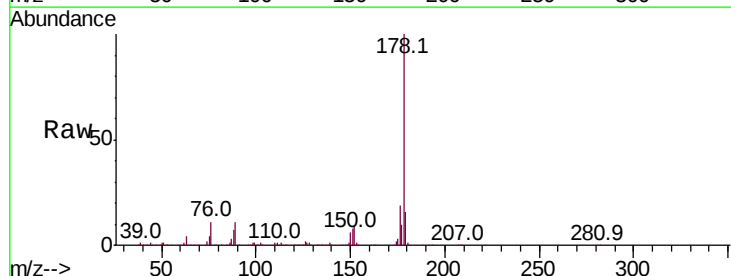
Instrument :
BNA_M
ClientSampled :

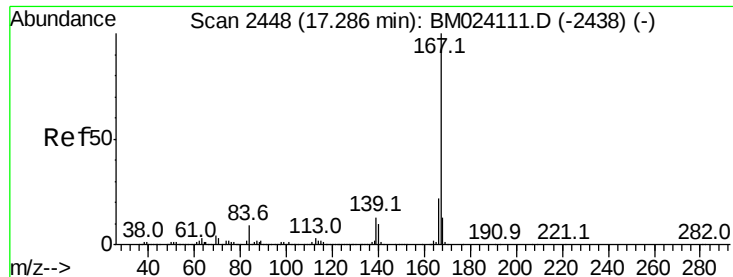
Tot Ion:178 Resp: 1262702
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.3 12.2 18.2



#72
Anthracene
Concen: 10.384 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion:178 Resp: 1182041
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.8 12.5 18.7



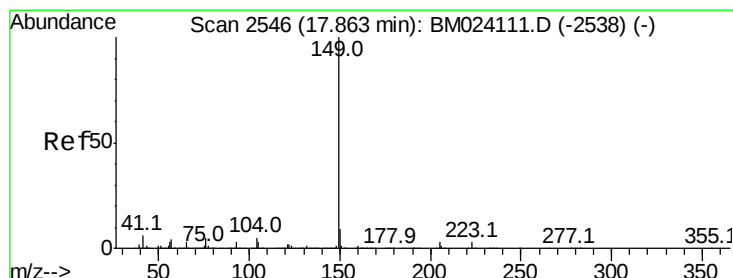
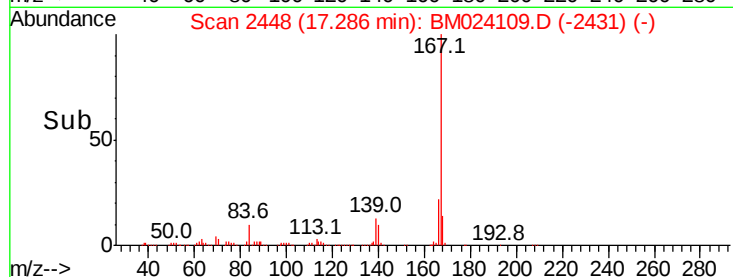
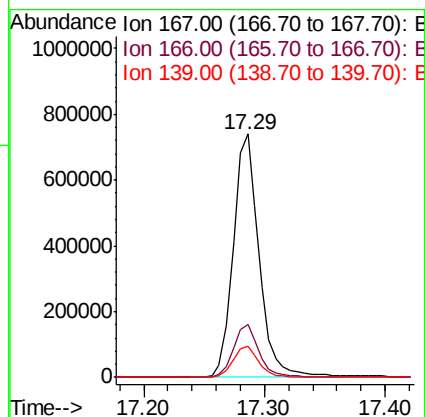
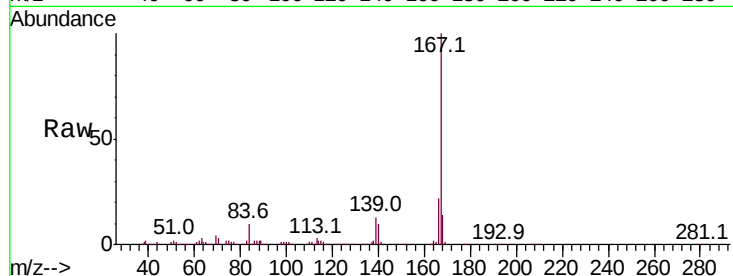


#73
 Carbazole
 Concen: 10.435 ng
 RT: 17.29 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM024109.D
 Acq: 16 Dec 2019 15:33

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 1105371

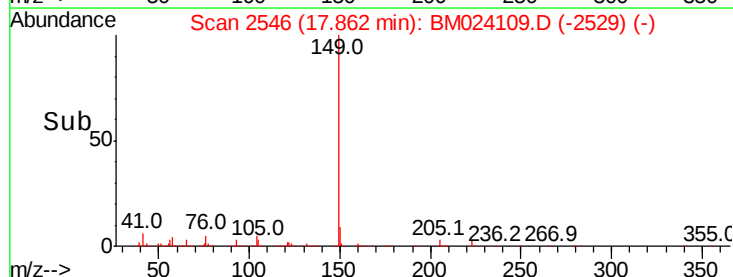
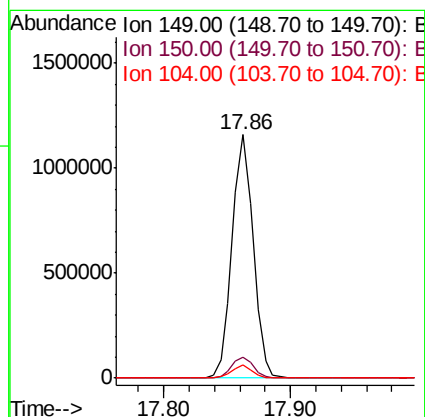
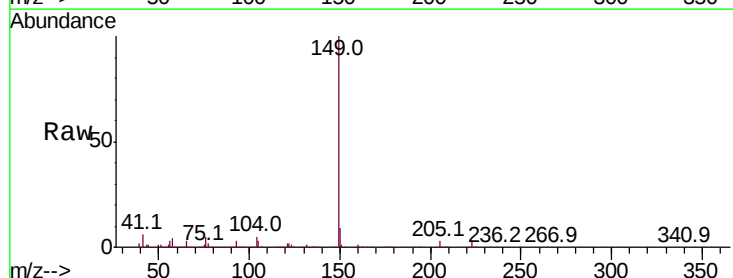
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	12.7	10.2	15.4

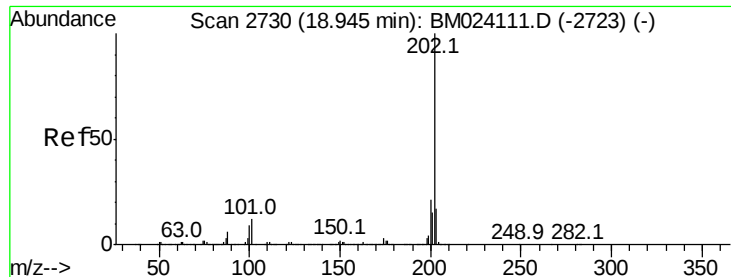


#74
 Di-n-butylphthalate
 Concen: 11.107 ng
 RT: 17.86 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BM024109.D
 Acq: 16 Dec 2019 15:33

Tgt Ion:149 Resp: 1334110

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.4	11.0
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 10.732 ng

RT: 18.94 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampled :

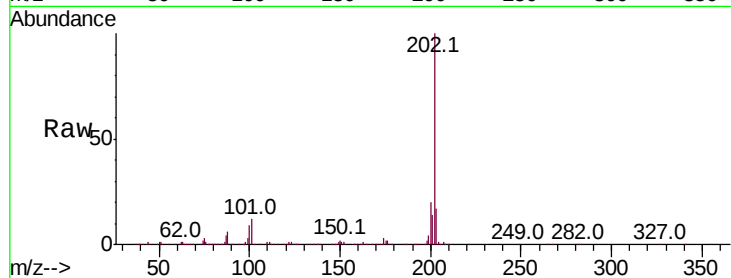
Tot Ion:202 Resp: 1422372

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.0

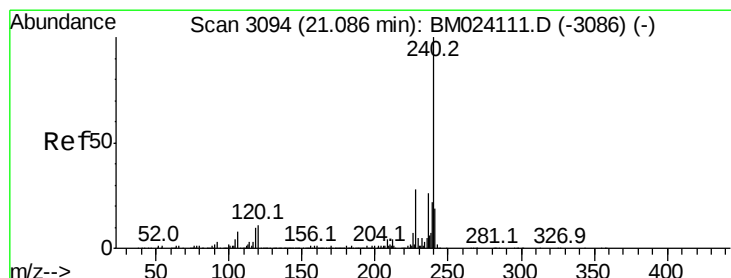
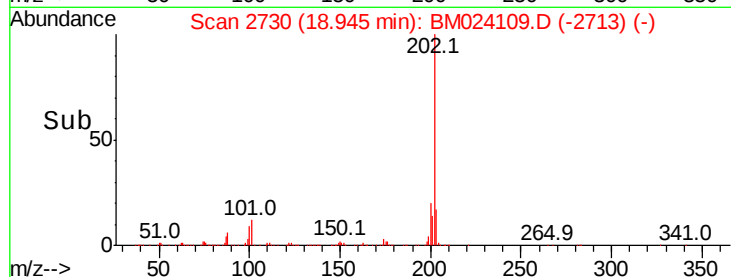
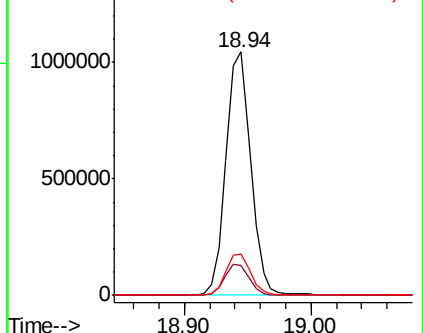
203 16.9 0.0 37.5



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: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

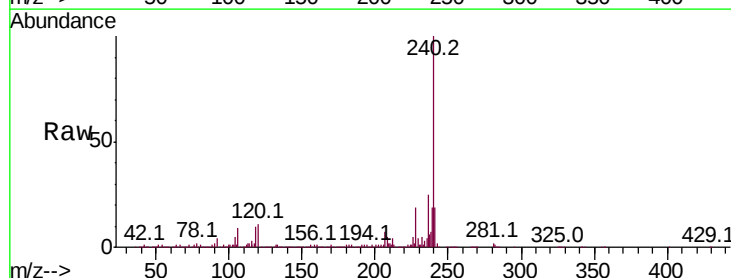
Tgt Ion:240 Resp: 2149158

Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

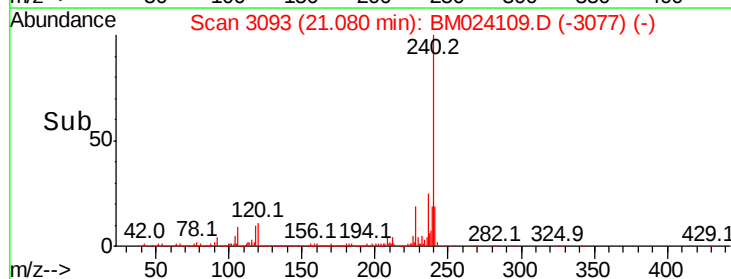
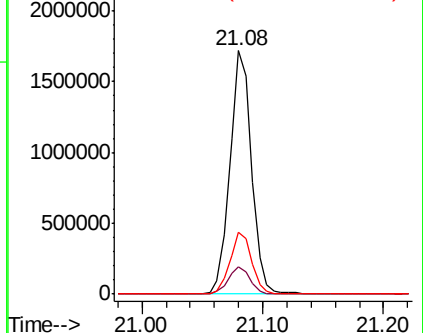
236 25.3 20.7 31.1

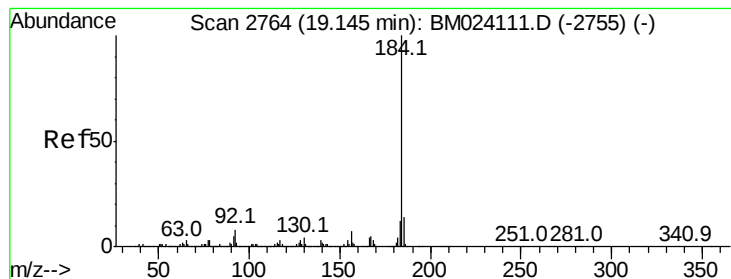


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.850 ng

RT: 19.14 min Scan# 2764

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

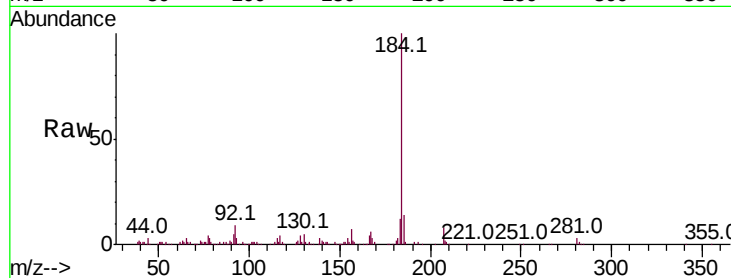
Tot Ion:184 Resp: 344880

Ion Ratio Lower Upper

184 100

185 14.2 11.0 16.4

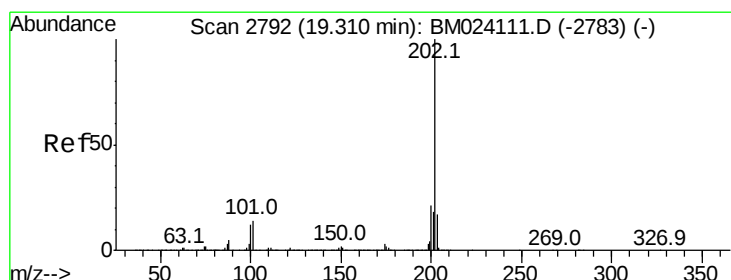
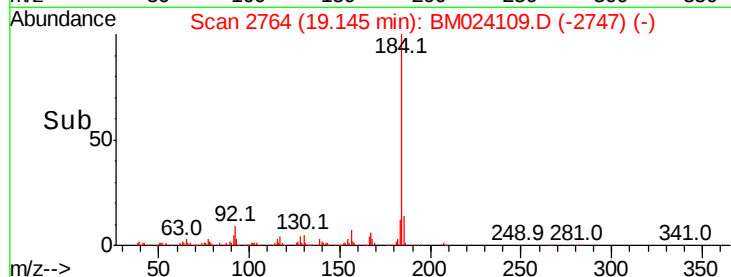
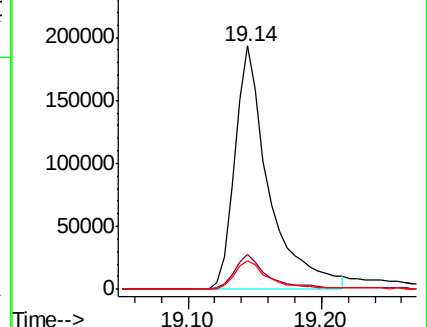
183 11.5 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.534 ng

RT: 19.31 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

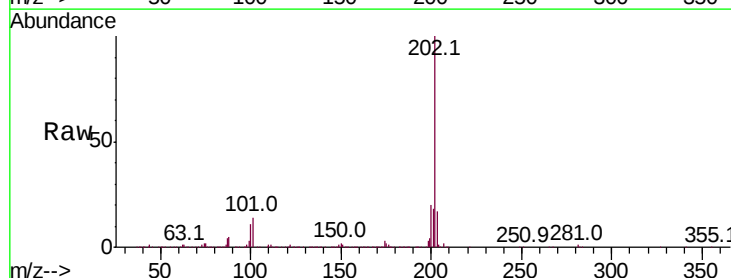
Tgt Ion:202 Resp: 1483600

Ion Ratio Lower Upper

202 100

200 20.4 17.1 25.7

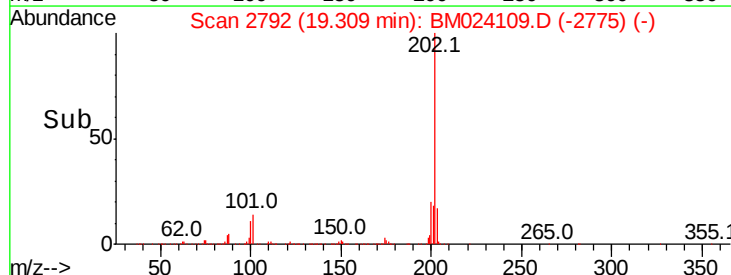
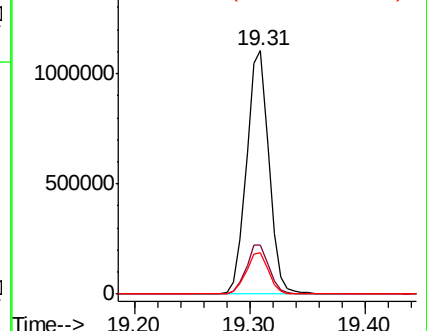
203 17.1 14.0 21.0

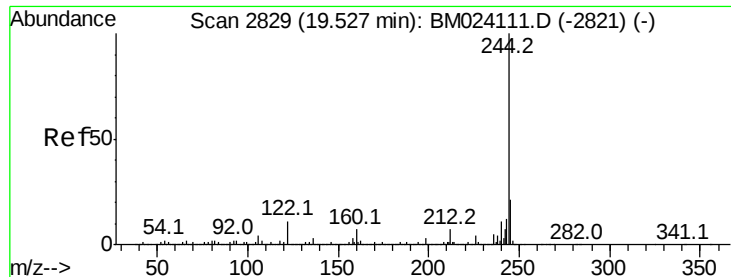


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 22.369 ng

RT: 19.52 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampled :

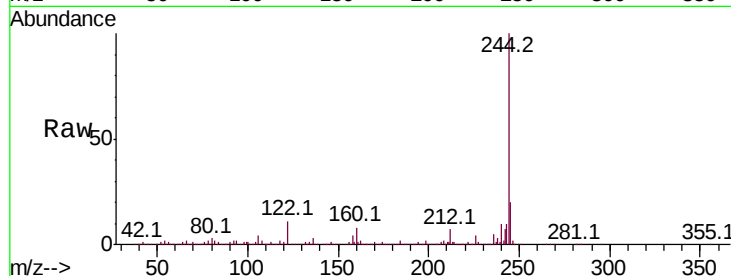
Tot Ion:244 Resp: 2482710

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

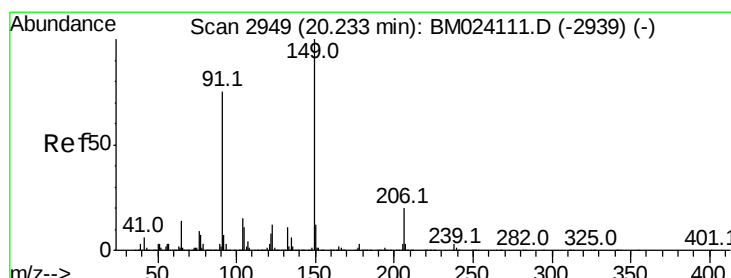
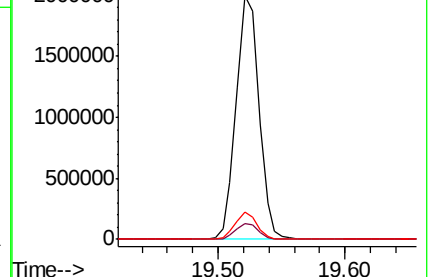
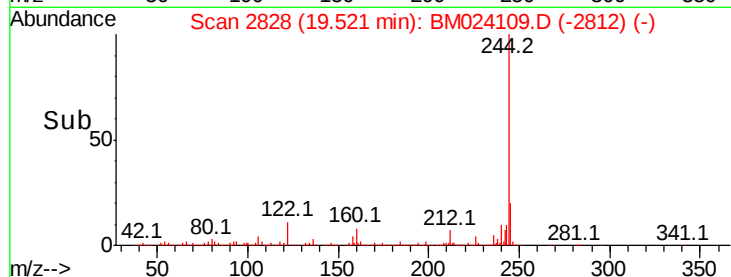
122 11.0 8.9 13.3



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: 11.485 ng

RT: 20.23 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

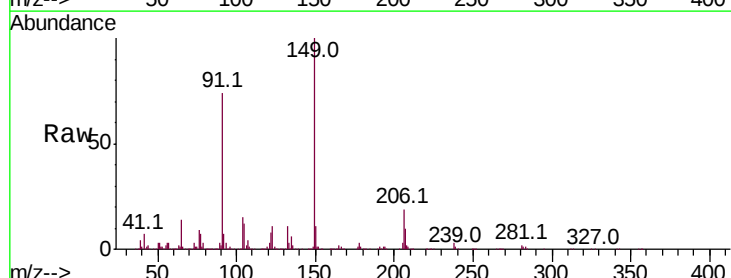
Tgt Ion:149 Resp: 614768

Ion Ratio Lower Upper

149 100

91 74.4 59.7 89.5

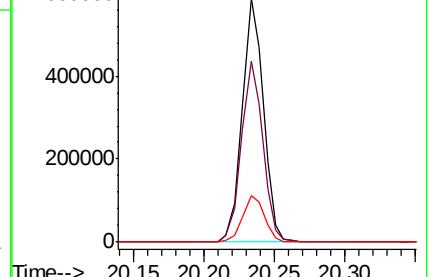
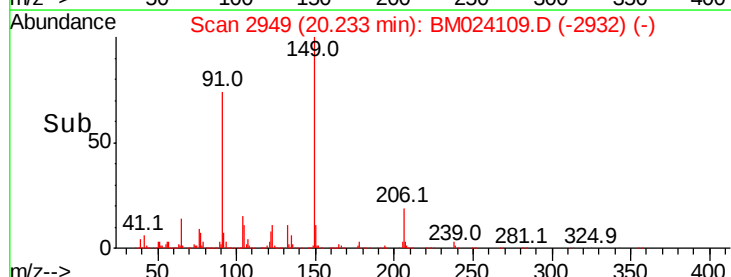
206 19.0 16.0 24.0

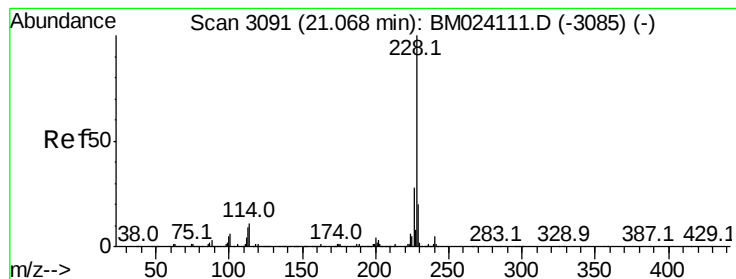


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.857 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

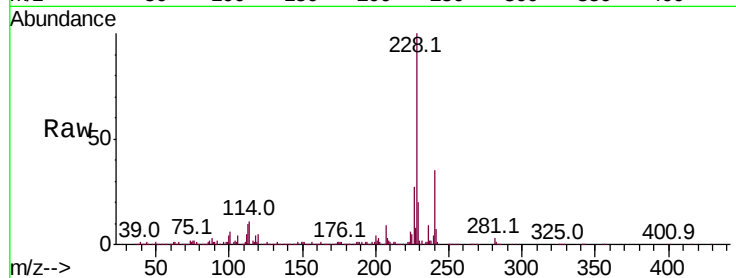
Tot Ion:228 Resp: 1512266

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.6	16.1	24.1

228 100

226 26.8 22.1 33.1

229 19.6 16.1 24.1

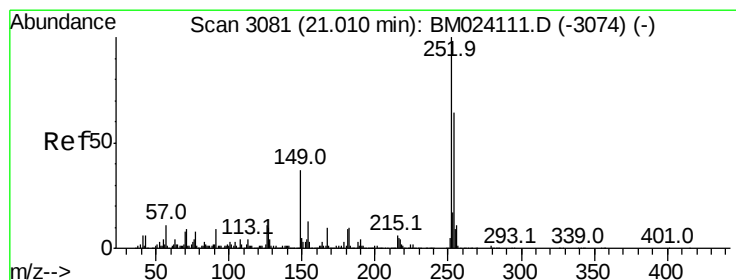
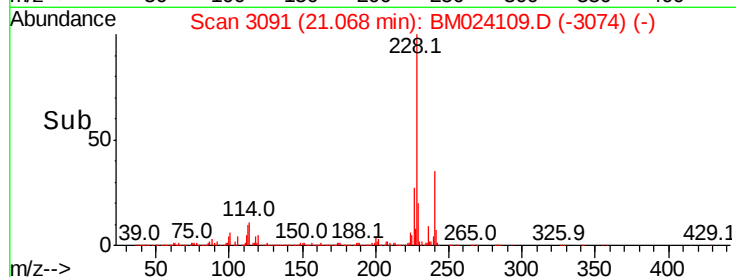
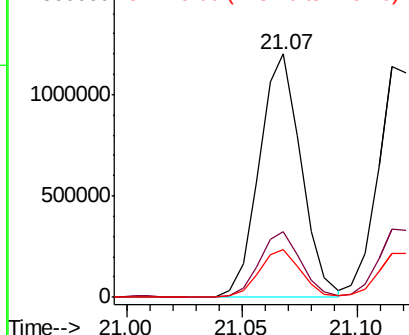


Abundance

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: 10.488 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

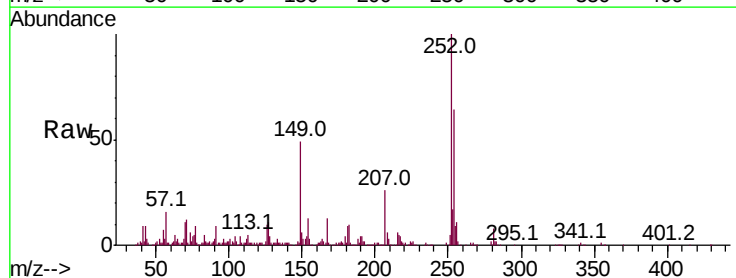
Tgt Ion:252 Resp: 518085

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	10.4	8.6	13.0

252 100

254 64.1 51.3 76.9

126 10.4 8.6 13.0

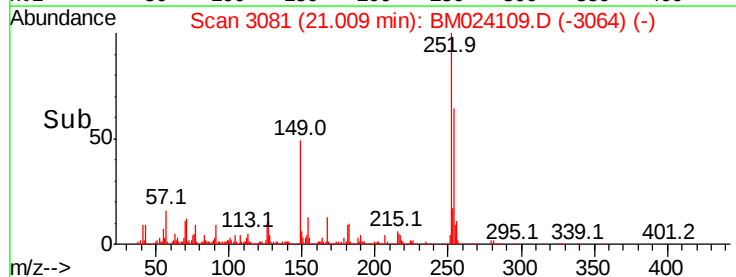
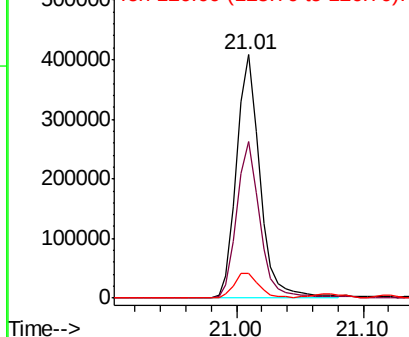


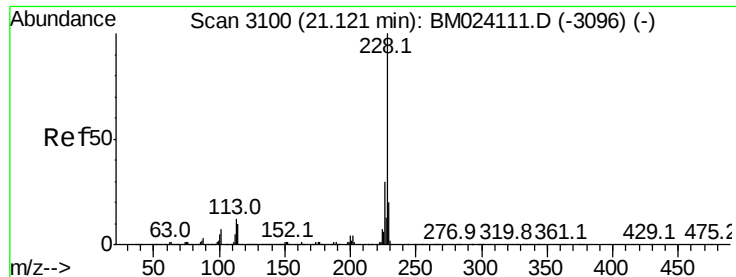
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 10.961 ng

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

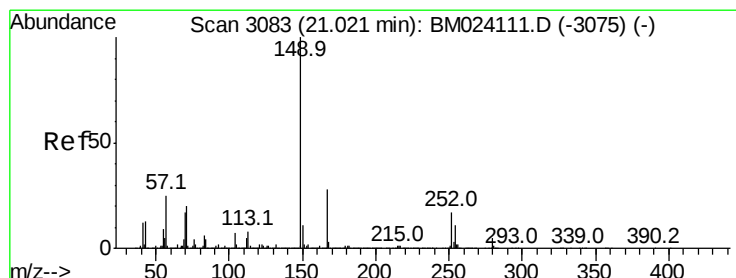
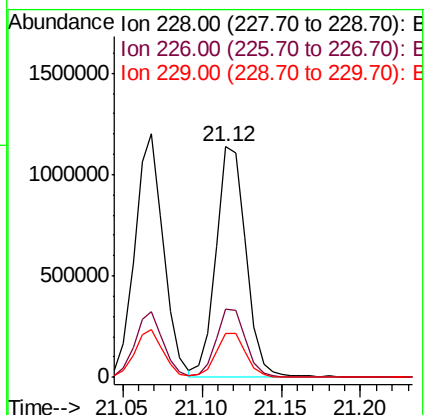
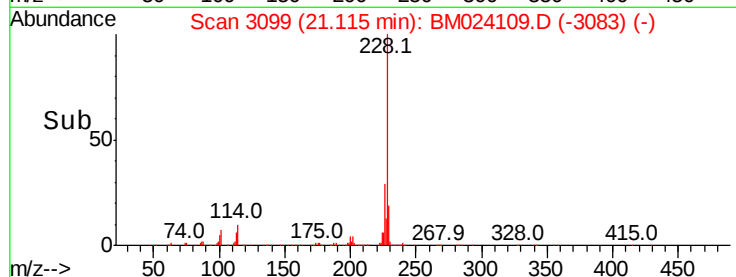
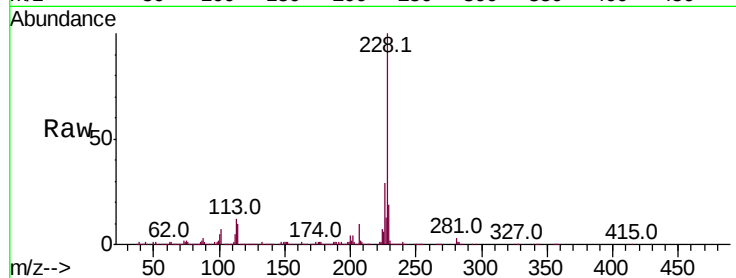
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1480108

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	19.3	16.1	24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.395 ng

RT: 21.02 min Scan# 3083

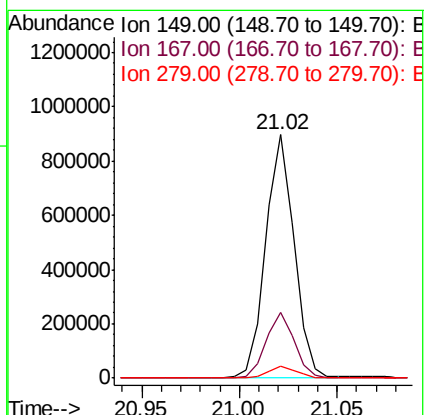
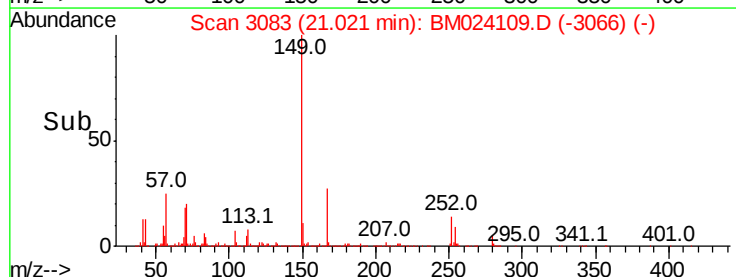
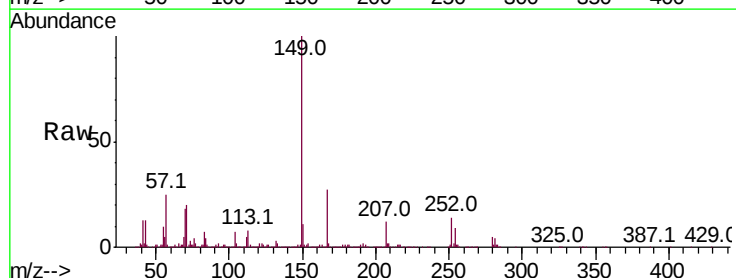
Delta R.T. -0.00 min

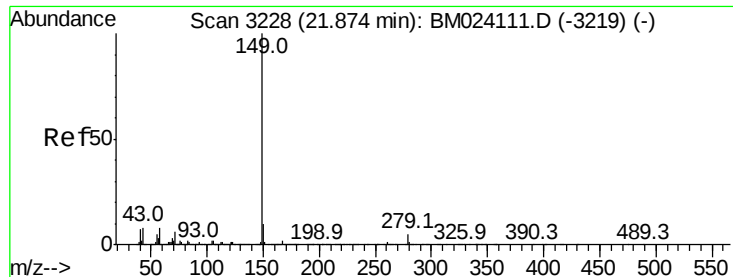
Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Tgt Ion:149 Resp: 903730

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	4.9	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 11.857 ng

RT: 21.87 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

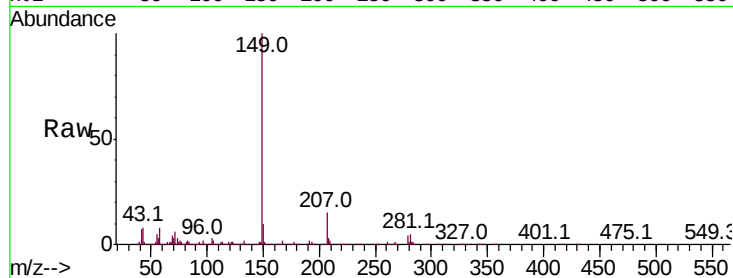
Tot Ion:149 Resp: 1498824

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

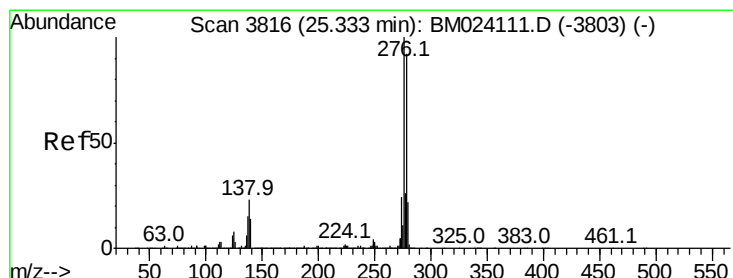
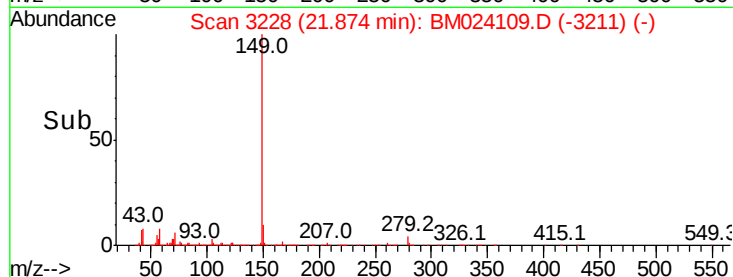
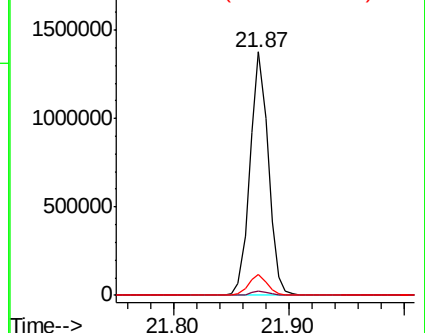
43 8.7 6.6 9.8



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: 11.768 ng

RT: 25.33 min Scan# 3815

Delta R.T. -0.01 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

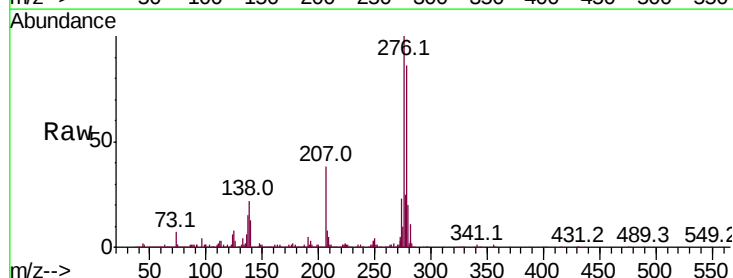
Tgt Ion:276 Resp: 1896659

Ion Ratio Lower Upper

276 100

138 22.4 0.0 0.0#

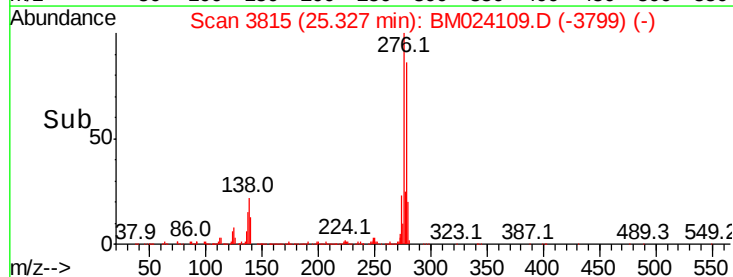
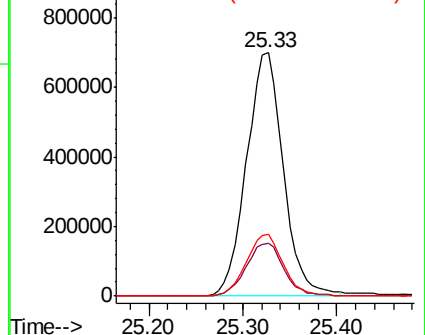
277 25.3 0.0 0.0#

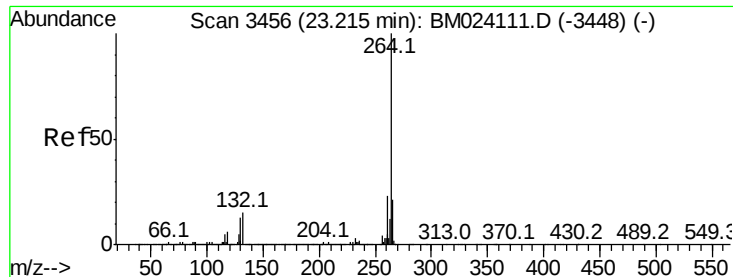


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.22 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

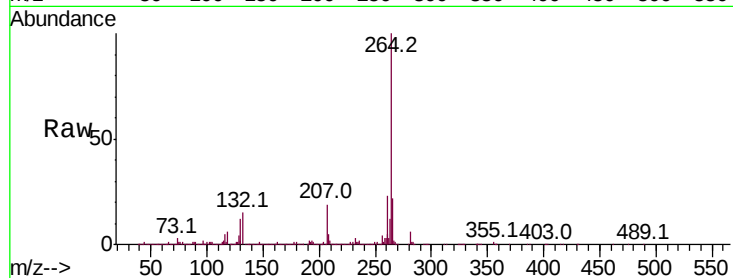
Tot Ion:264 Resp: 2575827

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.7	17.4	26.0

264 100

260 23.3 18.6 28.0

265 21.7 17.4 26.0

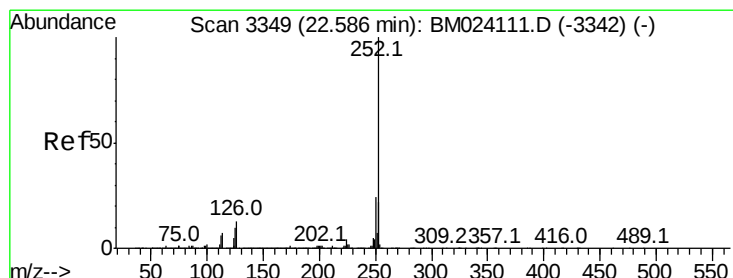
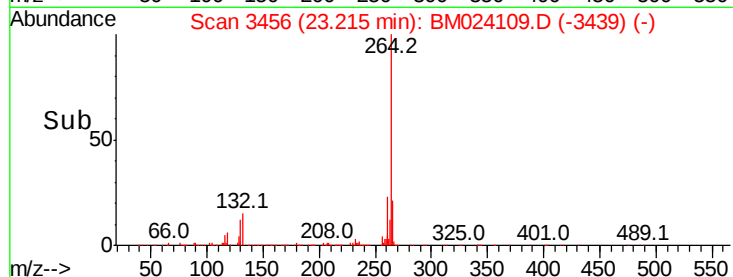
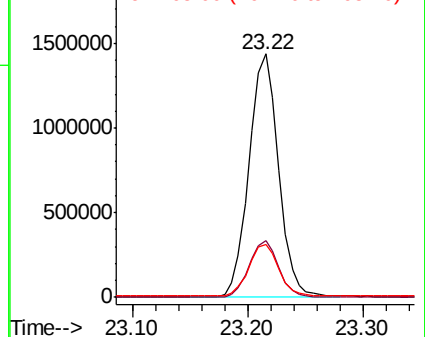


Abundance

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: 10.414 ng

RT: 22.59 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

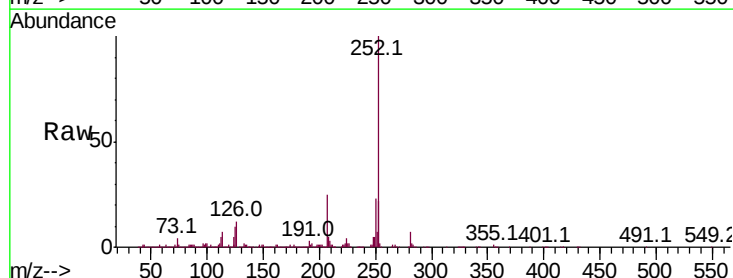
Tgt Ion:252 Resp: 1624167

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.5	7.9	11.9

252 100

253 22.0 17.9 26.9

125 9.5 7.9 11.9

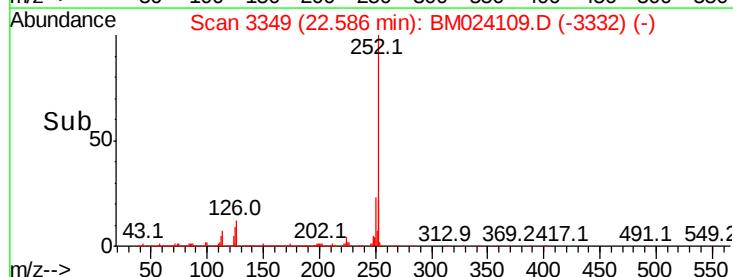
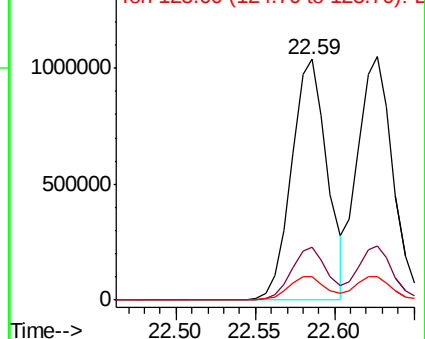


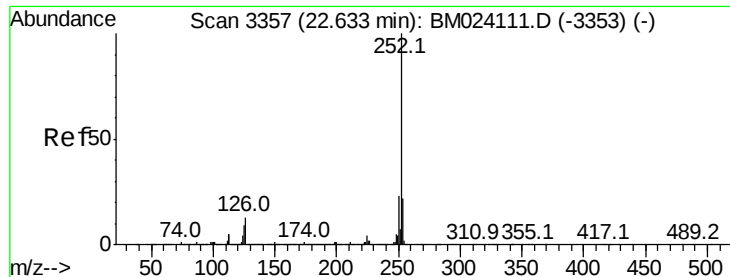
Abundance

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: 10.561 ng

RT: 22.63 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

Instrument :

BNA_M

ClientSampleId :

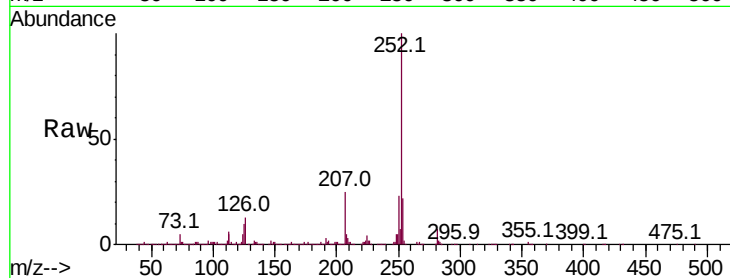
Tot Ion:252 Resp: 1634225

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

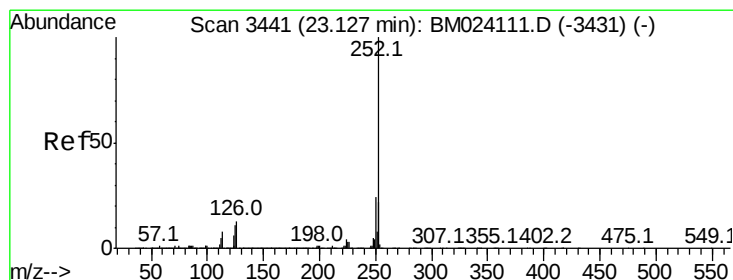
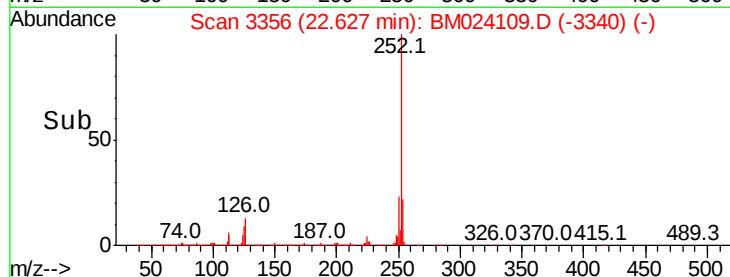
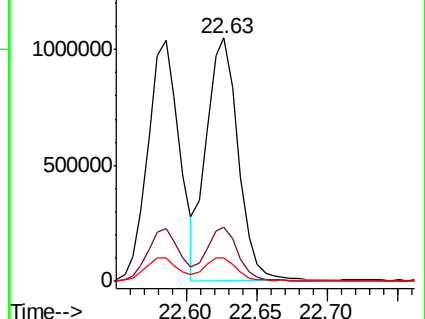
125 9.6 7.3 10.9



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: 10.484 ng

RT: 23.12 min Scan# 3440

Delta R.T. -0.01 min

Lab File: BM024109.D

Acq: 16 Dec 2019 15:33

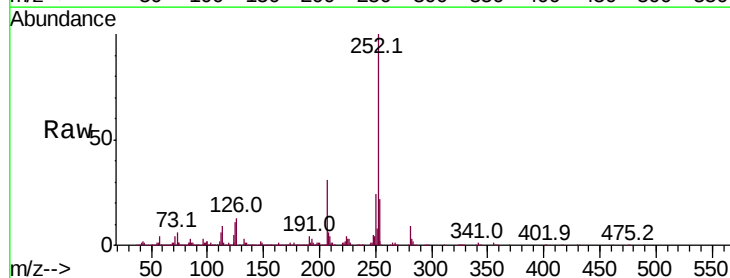
Tgt Ion:252 Resp: 1506615

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

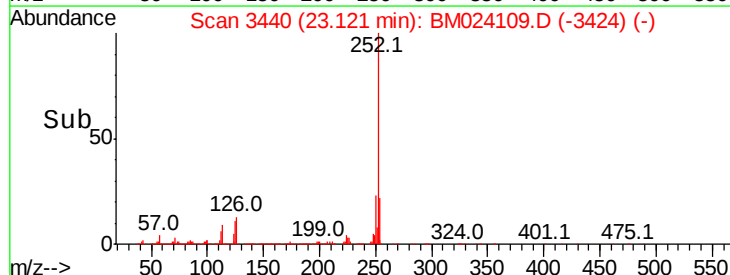
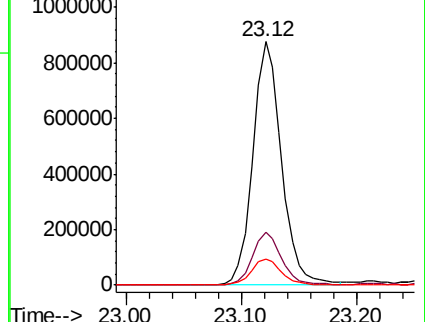
125 11.0 8.5 12.7

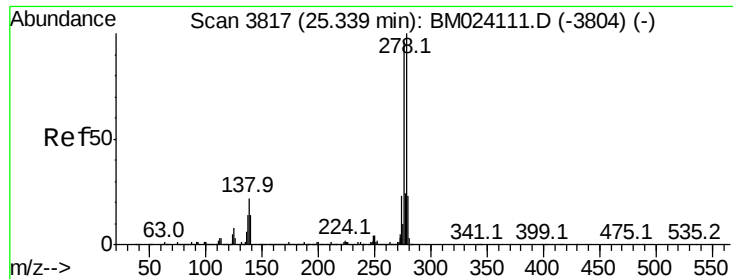


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

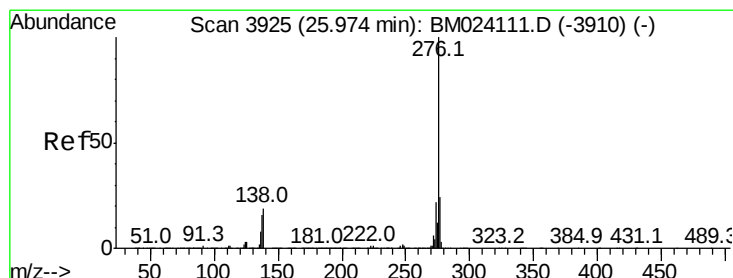
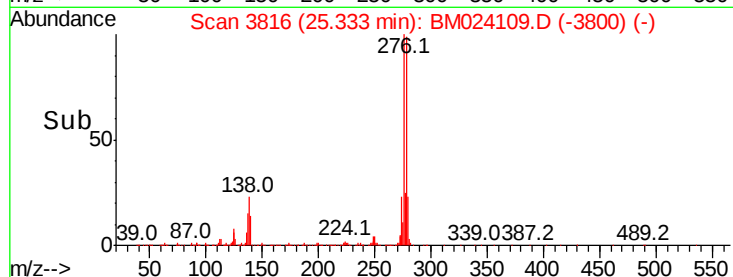
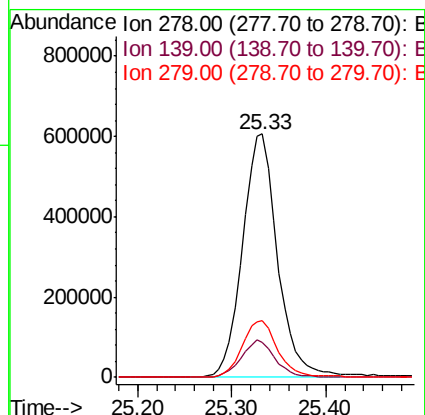
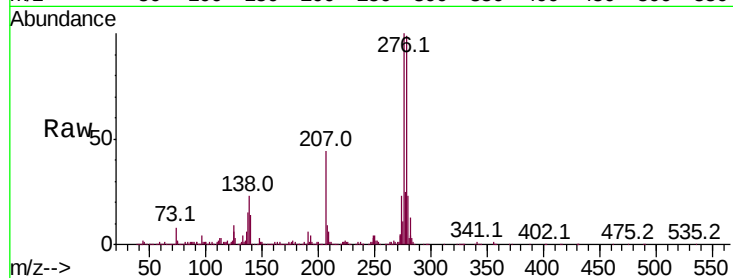




#91
Dibenzo(a,h)anthracene
Concen: 10.403 ng
RT: 25.33 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1563829
Ion Ratio Lower Upper
278 100
139 14.1 11.4 17.2
279 23.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 10.760 ng
RT: 25.96 min Scan# 3923
Delta R.T. -0.01 min
Lab File: BM024109.D
Acq: 16 Dec 2019 15:33

Tgt Ion:276 Resp: 1536223
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 20.0 15.4 23.0

