

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019148.D
 Acq On : 13 Mar 2019 16:27
 Operator : JU/SJ
 Sample : PB117864BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117864BS

Quant Time: Mar 14 06:55:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	215759	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	950061	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	591825	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1315300	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1326598	20.00	ng	0.00
87) Perylene-d12	23.50	264	1039906	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1949315	146.31	ng	0.00
7) Phenol-d6	6.85	99	2775579	142.43	ng	0.00
23) Nitrobenzene-d5	8.83	82	1534194	76.33	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1221930	139.84	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3365966	73.98	ng	0.00
79) Terphenyl-d14	19.70	244	5450369	81.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	197898	33.391	ng	99
3) Pyridine	3.62	79	533939	33.114	ng	99
4) n-Nitrosodimethylamine	3.54	42	183591	36.625	ng	96
6) Aniline	7.00	93	768894	30.561	ng	99
8) 2-Chlorophenol	7.23	128	680077	42.478	ng	99
9) Benzaldehyde	6.82	77	341206	27.836	ng	99
10) Phenol	6.87	94	929595	44.263	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	602249	37.580	ng	100
12) 1,3-Dichlorobenzene	7.55	146	638250	37.671	ng	99
13) 1,4-Dichlorobenzene	7.69	146	652317	37.765	ng	98
14) 1,2-Dichlorobenzene	8.00	146	635375	37.808	ng	99
15) Benzyl Alcohol	7.92	79	662554	41.080	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	602605	36.826	ng	99
17) 2-Methylphenol	8.11	107	598740	43.749	ng	99
18) Hexachloroethane	8.72	117	241641	37.648	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	597286	37.360	ng	98
20) 3+4-Methylphenols	8.44	107	823314	44.320	ng	98
22) Acetophenone	8.49	105	977559	37.232	ng	# 99
24) Nitrobenzene	8.87	77	832274	39.816	ng	99
25) Isophorone	9.39	82	1518500	39.595	ng	99
26) 2-Nitrophenol	9.57	139	360928	41.657	ng	98
27) 2,4-Dimethylphenol	9.63	122	656778	50.988	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	912660	40.190	ng	99
29) 2,4-Dichlorophenol	10.10	162	671624	47.079	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	649506	40.377	ng	100
31) Naphthalene	10.50	128	1976166	39.464	ng	99
32) Benzoic acid	9.81	122	408923	37.485	ng	99
33) 4-Chloroaniline	10.63	127	416369	20.284	ng	99
34) Hexachlorobutadiene	10.76	225	350624	37.982	ng	99
35) Caprolactam	11.45	113	112506	22.139	ng	99
36) 4-Chloro-3-methylphenol	11.75	107	777847	44.190	ng	98
37) 2-Methylnaphthalene	12.12	142	1506006	41.387	ng	99
38) 1-Methylnaphthalene	12.34	142	1445768	40.309	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	717480	38.325	ng	99

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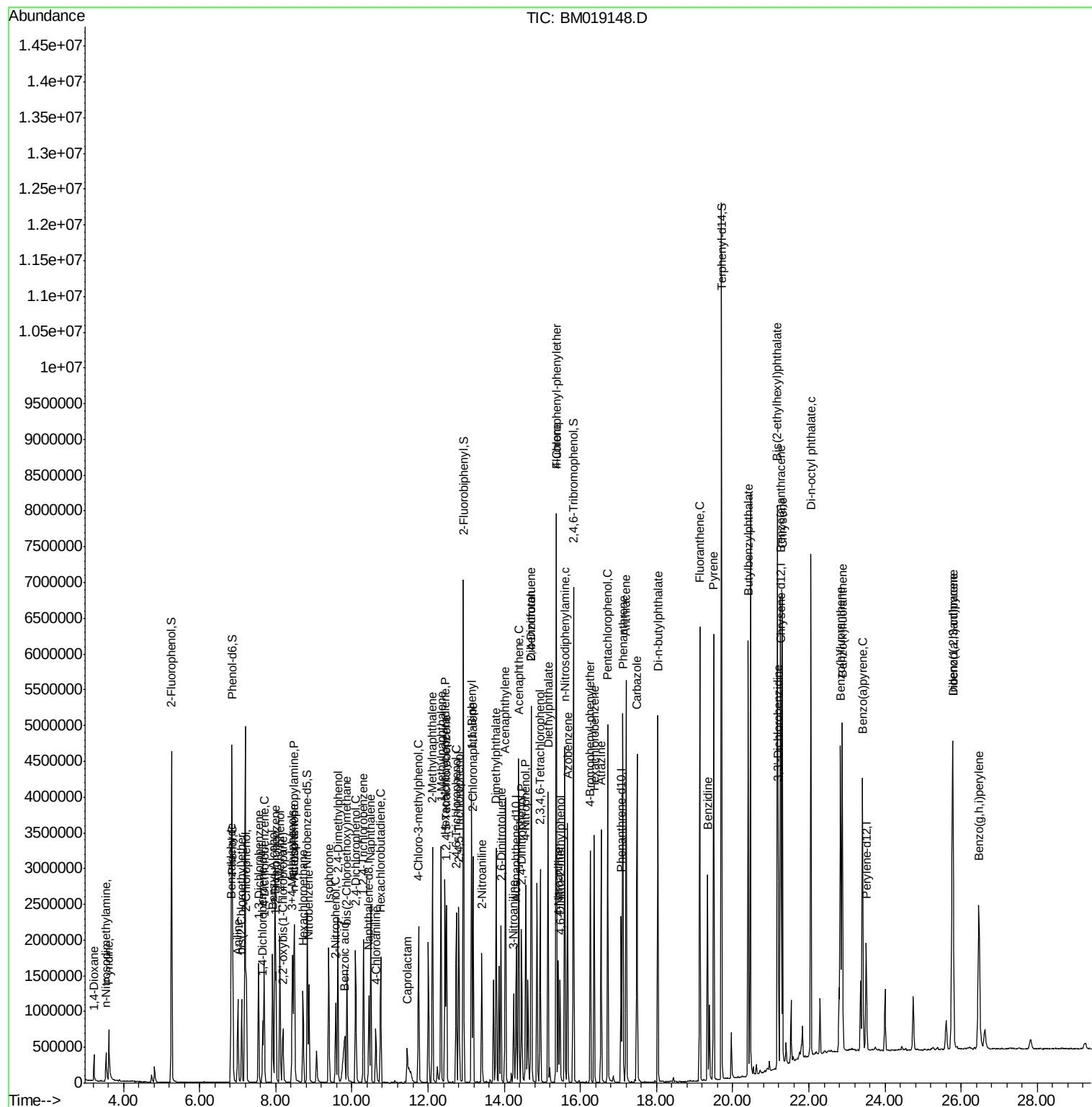
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	762934	89.970	ng	99
43) 2,4,6-Trichlorophenol	12.74	196	545969	45.128	ng	97
44) 2,4,5-Trichlorophenol	12.81	196	571591	44.182	ng	98
46) 1,1'-Biphenyl	13.14	154	1992646	38.554	ng	99
47) 2-Chloronaphthalene	13.19	162	1546156	40.077	ng	99
48) 2-Nitroaniline	13.41	65	542954	41.964	ng	99
49) Acenaphthylene	14.03	152	2522191	38.665	ng	100
50) Dimethylphthalate	13.79	163	2035177	40.199	ng	99
51) 2,6-Dinitrotoluene	13.92	165	451636	41.267	ng	96
52) Acenaphthene	14.38	154	1460990	38.978	ng	99
53) 3-Nitroaniline	14.25	138	299881	25.871	ng	97
54) 2,4-Dinitrophenol	14.46	184	464299	73.051	ng	100
55) Dibenzofuran	14.72	168	2409040	39.853	ng	100
56) 4-Nitrophenol	14.57	139	750760	79.328	ng	97
57) 2,4-Dinitrotoluene	14.70	165	634732	39.954	ng	99
58) Fluorene	15.37	166	1976158	39.661	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	512964	42.591	ng	99
60) Diethylphthalate	15.15	149	2078493	40.536	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	981646	40.564	ng	99
62) 4-Nitroaniline	15.42	138	422937	36.206	ng	99
63) Azobenzene	15.66	77	2203898	40.846	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	313003	36.315	ng	97
66) n-Nitrosodiphenylamine	15.59	169	1725554	41.208	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	587831	40.528	ng	97
68) Hexachlorobenzene	16.36	284	692967	40.186	ng	100
69) Atrazine	16.54	200	592825	42.056	ng	99
70) Pentachlorophenol	16.72	266	831157	80.001	ng	99
71) Phenanthrene	17.12	178	3035587	39.375	ng	99
72) Anthracene	17.20	178	3082635	40.845	ng	99
73) Carbazole	17.49	167	2833237	39.774	ng	99
74) Di-n-butylphthalate	18.03	149	3562166	41.354	ng	100
75) Fluoranthene	19.13	202	3429002	38.762	ng	100
77) Benzidine	19.34	184	1645957	43.749	ng	100
78) Pyrene	19.50	202	3486002	41.532	ng	100
80) Butylbenzylphthalate	20.40	149	1684963	46.089	ng	98
81) Benzo(a)anthracene	21.25	228	3187665	38.301	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	899383	28.052	ng	99
83) Chrysene	21.30	228	3113152	38.665	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2483932	46.702	ng	98
85) Di-n-octyl phthalate	22.05	149	4124464	46.052	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3036345	35.032	ng	100
88) Benzo(b)fluoranthene	22.83	252	3057985	45.382	ng	99
89) Benzo(k)fluoranthene	22.88	252	2860510	46.154	ng	99
90) Benzo(a)pyrene	23.41	252	2741292	45.269	ng	100
91) Dibenzo(a,h)anthracene	25.78	278	2614885	45.141	ng	99
92) Benzo(g,h,i)perylene	26.46	276	2459928	46.254	ng	99

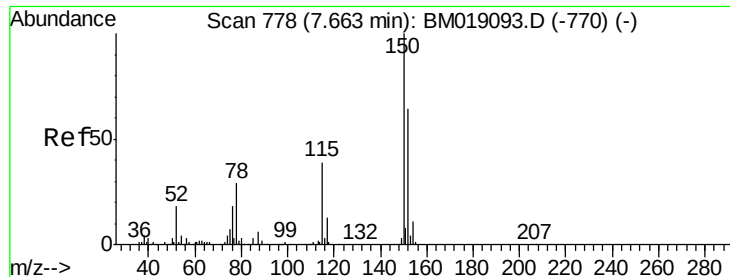
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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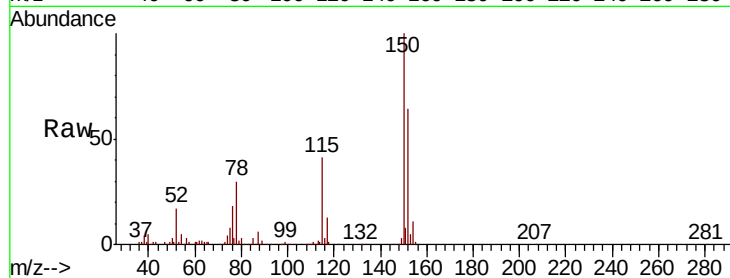


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion	152	Resp	215759
Ion	Ratio	Lower	Upper
152	100		
150	155.8	125.3	187.9
115	63.5	49.4	74.0

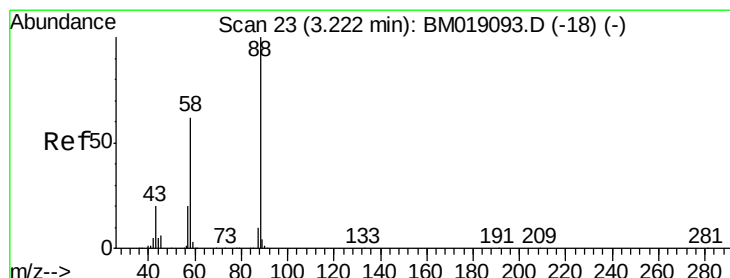
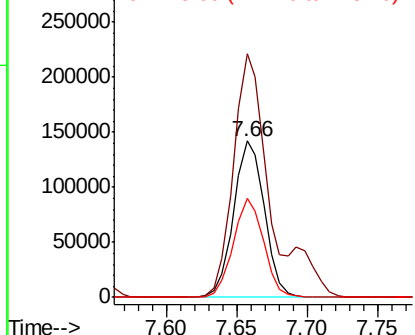
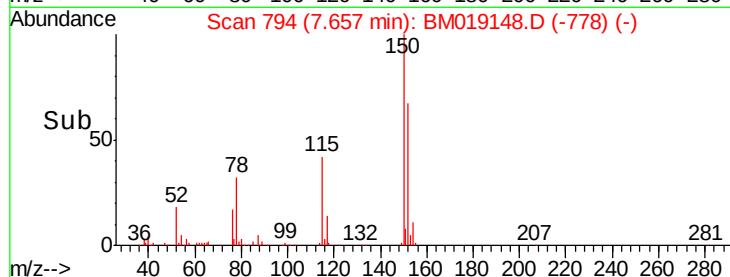


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

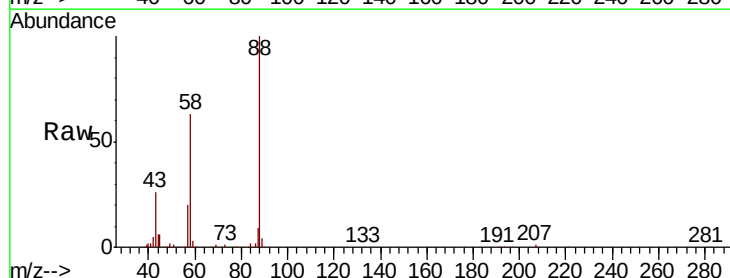
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.391 ng
RT: 3.22 min Scan# 40
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	88	Resp	197898
Ion	Ratio	Lower	Upper
88	100		
58	62.8	50.0	75.0
43	22.4	17.0	25.4

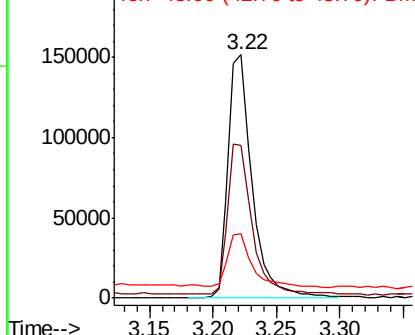
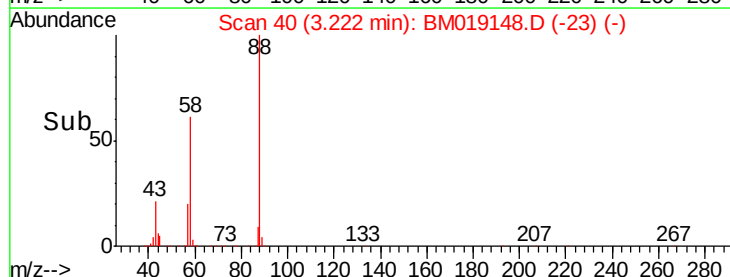


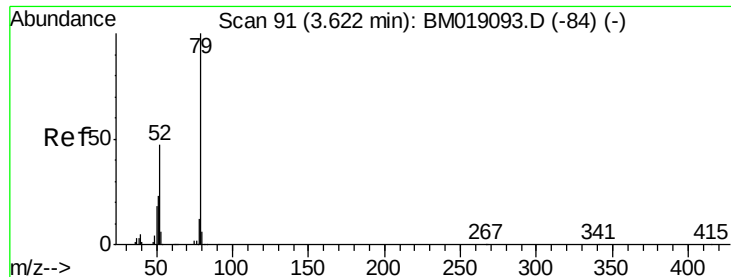
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

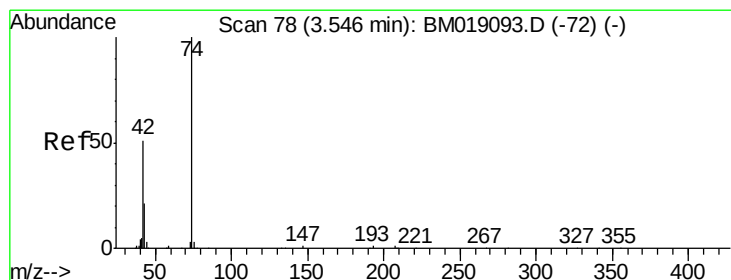
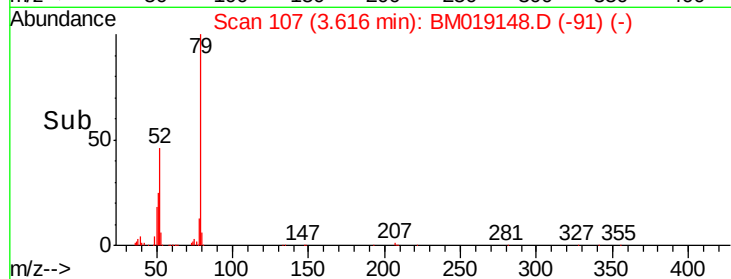
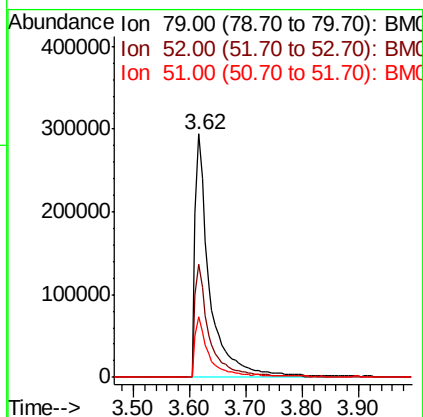
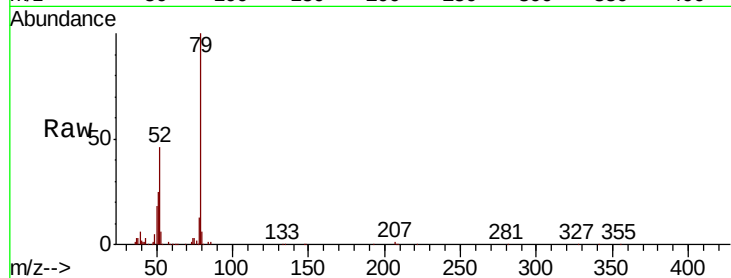




#3
 Pvridine
 Concen: 33.114 ng
 RT: 3.62 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

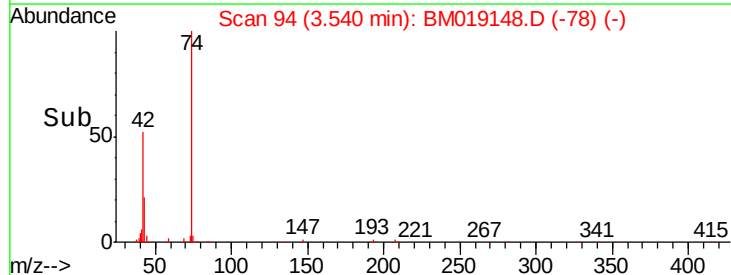
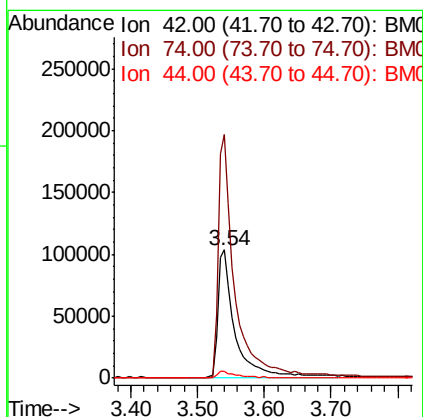
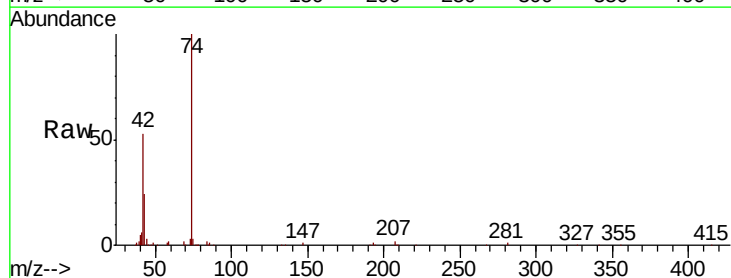
Instrument :
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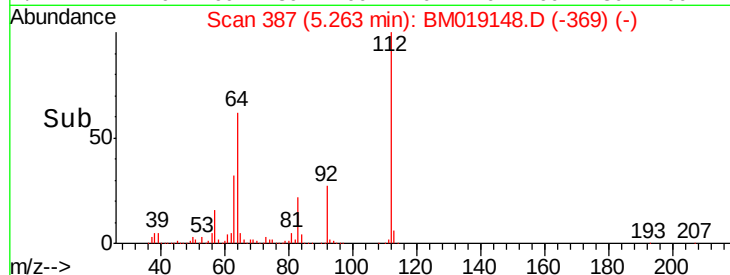
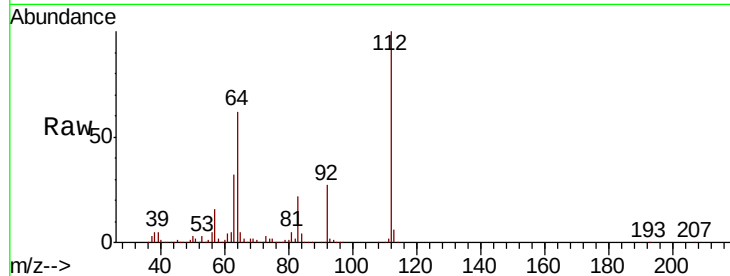
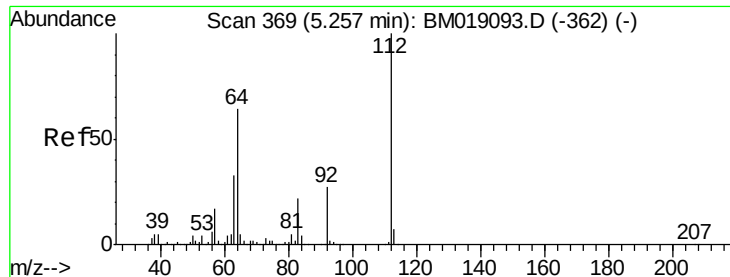
Tot Ion: 79 Resp: 533939
 Ion Ratio Lower Upper
 79 100
 52 46.3 37.5 56.3
 51 25.1 19.2 28.8



#4
 n-Nitrosodimethylamine
 Concen: 36.625 ng
 RT: 3.54 min Scan# 94
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion: 42 Resp: 183591
 Ion Ratio Lower Upper
 42 100
 74 189.8 156.3 234.5
 44 5.6 4.6 7.0





#5

2-Fluorophenol

Concen: 146.315 ng

RT: 5.26 min Scan# 387

Delta R.T. 0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

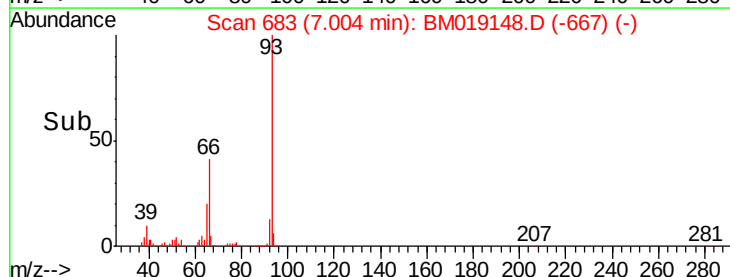
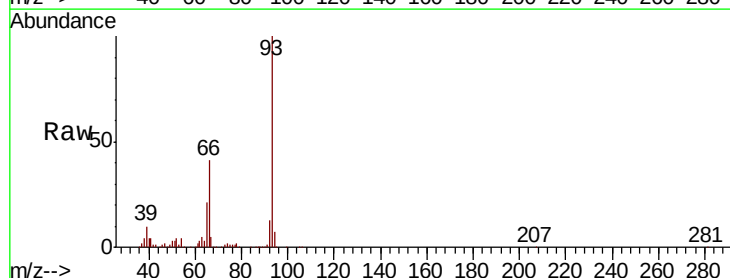
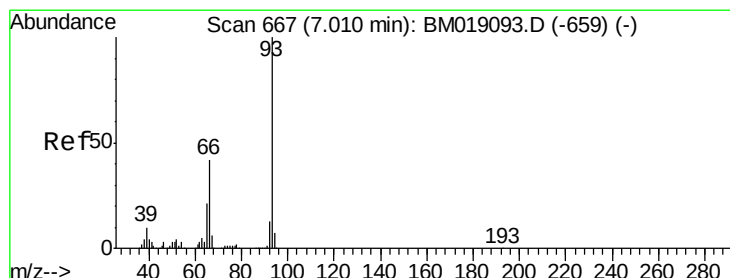
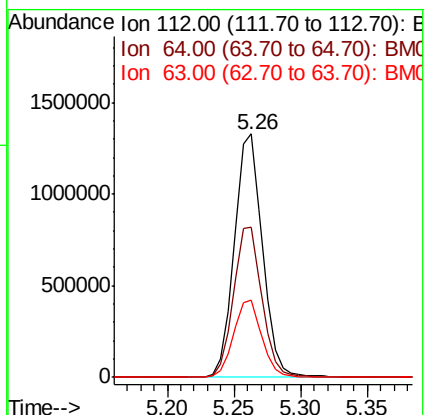
Tot Ion:112 Resp: 1949315

Ion Ratio Lower Upper

112 100

64 61.8 51.4 77.0

63 31.6 26.6 40.0



#6

Aniline

Concen: 30.561 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

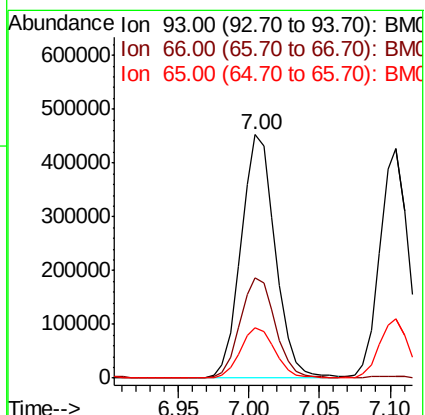
Tgt Ion: 93 Resp: 768894

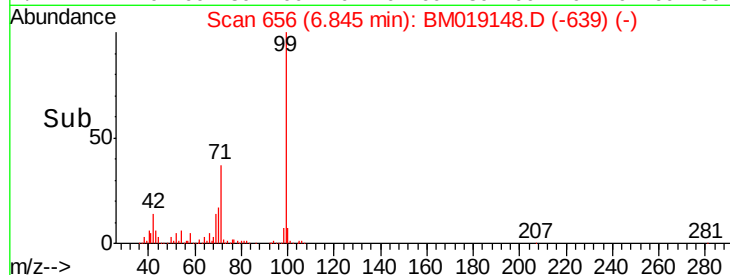
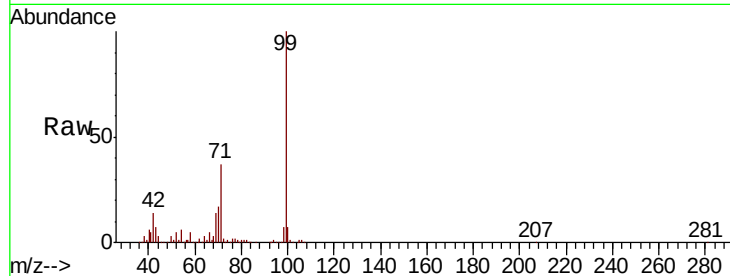
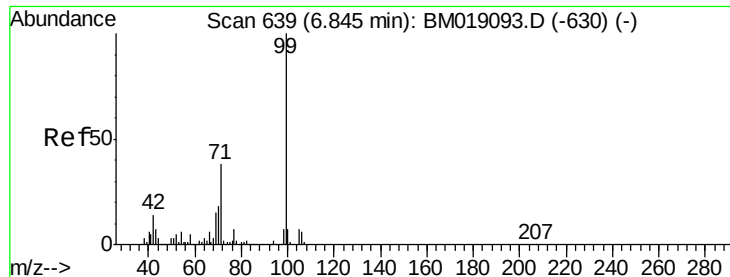
Ion Ratio Lower Upper

93 100

66 41.1 33.4 50.2

65 20.9 16.8 25.2





#7

Phenol-d6

Concen: 142.430 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BM019148.D

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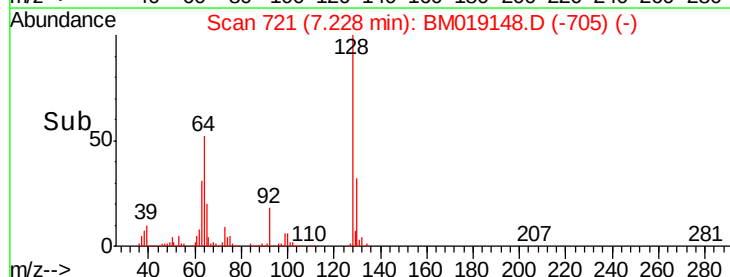
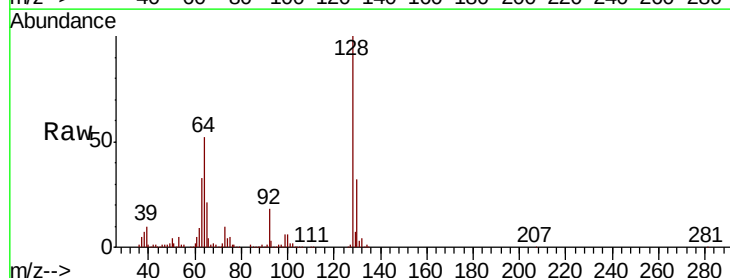
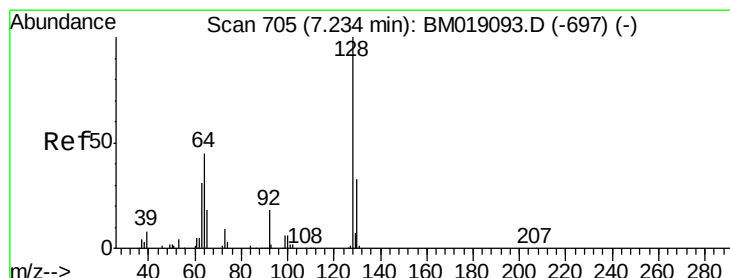
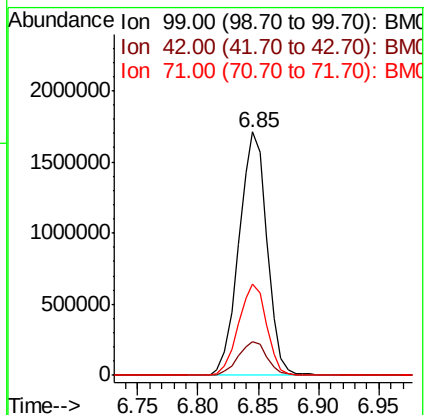
Tot Ion: 99 Resp: 2775579

Ion Ratio Lower Upper

99 100

42 13.8 10.9 16.3

71 37.4 30.3 45.5



#8

2-Chlorophenol

Concen: 42.478 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

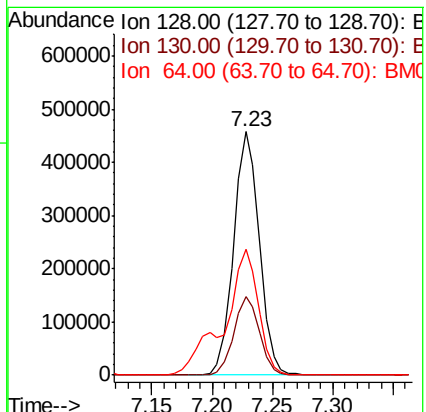
Tgt Ion: 128 Resp: 680077

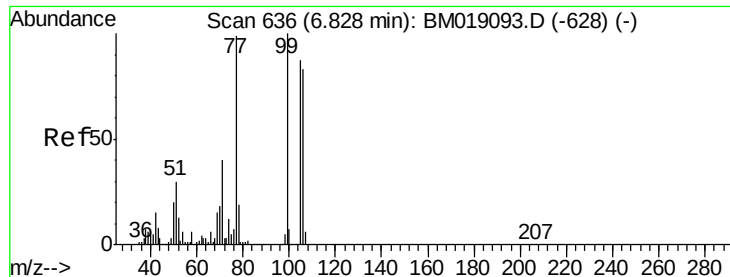
Ion Ratio Lower Upper

128 100

130 32.3 12.8 52.8

64 51.6 30.8 70.8





#9

Benzaldehyde

Concen: 27.836 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

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ClientSampleId :

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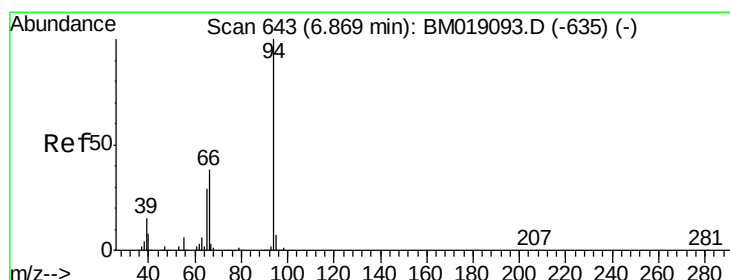
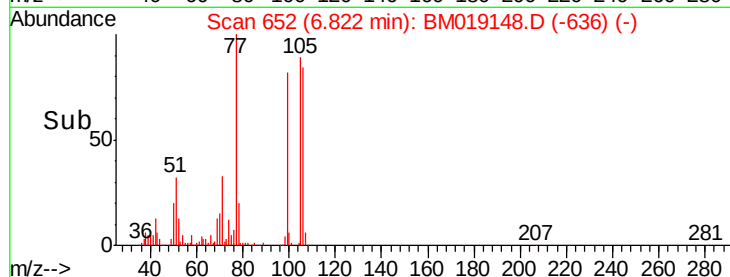
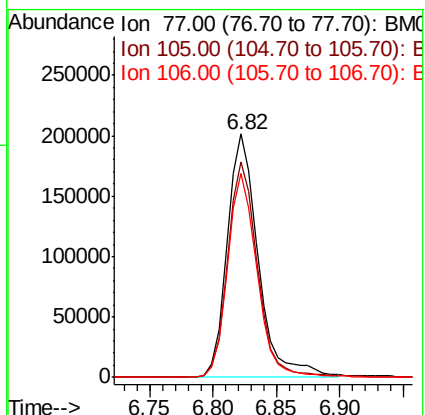
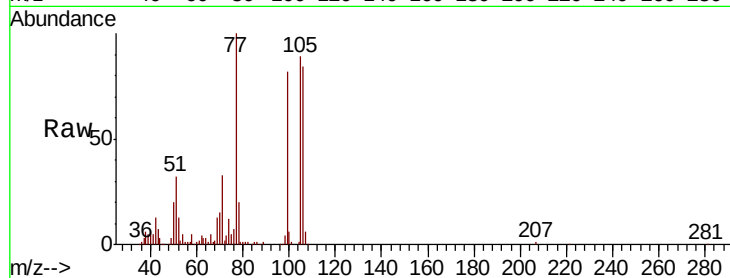
Tot Ion: 77 Resp: 341206

Ion Ratio Lower Upper

77 100

105 88.6 67.7 107.7

106 83.8 64.1 104.1



#10

Phenol

Concen: 44.263 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

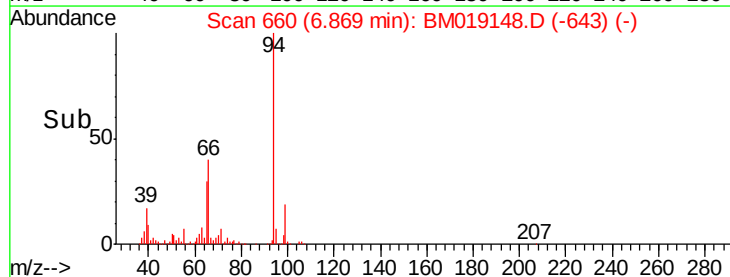
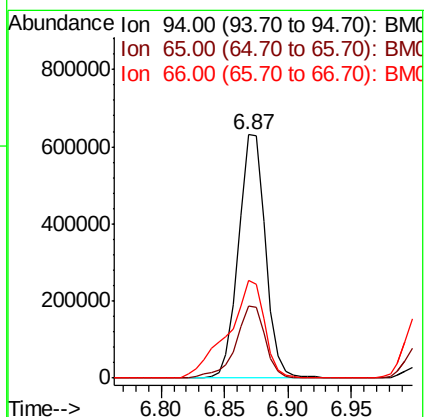
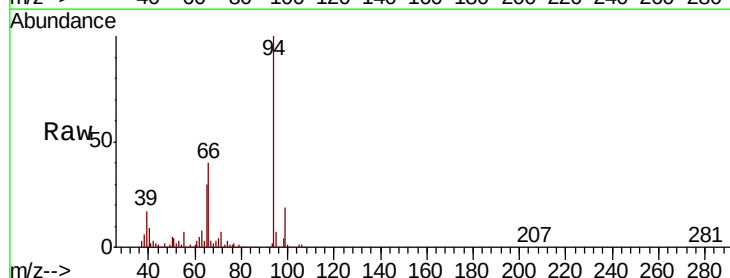
Tgt Ion: 94 Resp: 929595

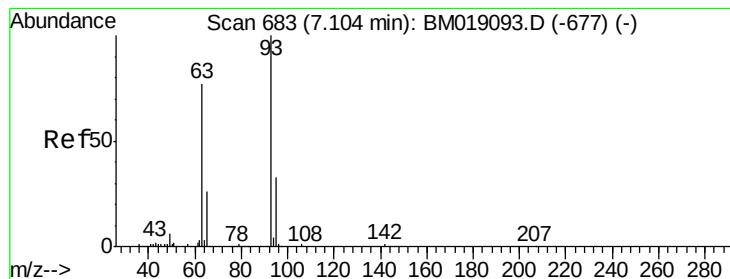
Ion Ratio Lower Upper

94 100

65 29.7 9.7 49.7

66 39.9 19.2 59.2





#11

bis(2-Chloroethyl)ether

Concen: 37.580 ng

RT: 7.10 min Scan# 700

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

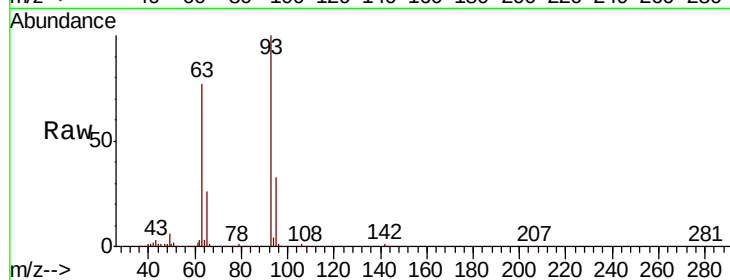
Tot Ion: 93 Resp: 602249

Ion	Ratio	Lower	Upper
93	100		
63	76.6	56.6	96.6
95	32.5	13.0	53.0

93 100

63 76.6 56.6 96.6

95 32.5 13.0 53.0

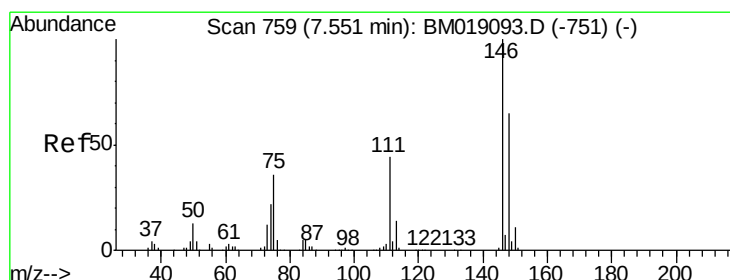
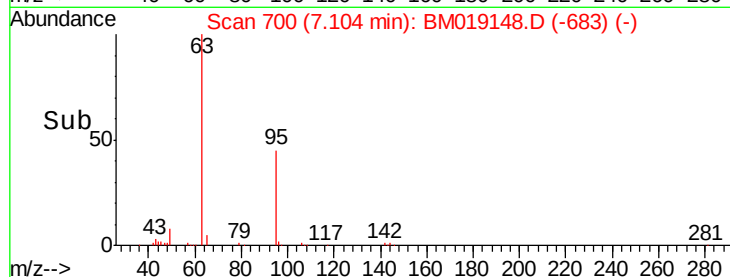
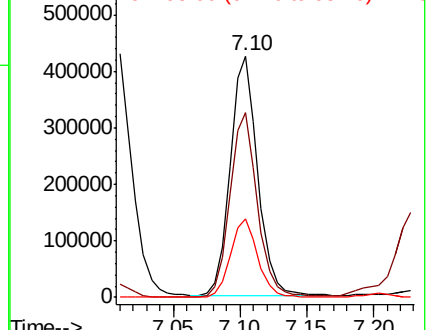


Abundance

Ion 93.00 (92.70 to 93.70): BM019093.D (-677) (-)

Ion 63.00 (62.70 to 63.70): BM019093.D (-677) (-)

Ion 95.00 (94.70 to 95.70): BM019093.D (-677) (-)



#12

1,3-Dichlorobenzene

Concen: 37.671 ng

RT: 7.55 min Scan# 775

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

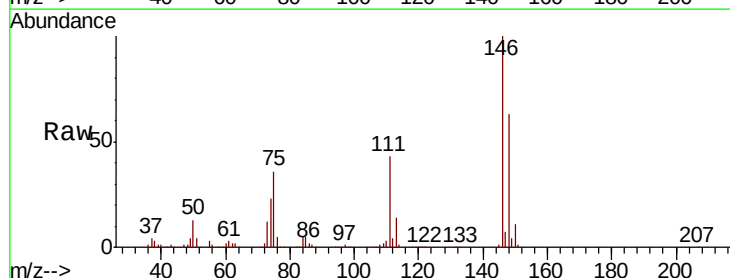
Tgt Ion: 146 Resp: 638250

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.7	77.5
75	35.8	29.1	43.7

146 100

148 63.5 51.7 77.5

75 35.8 29.1 43.7

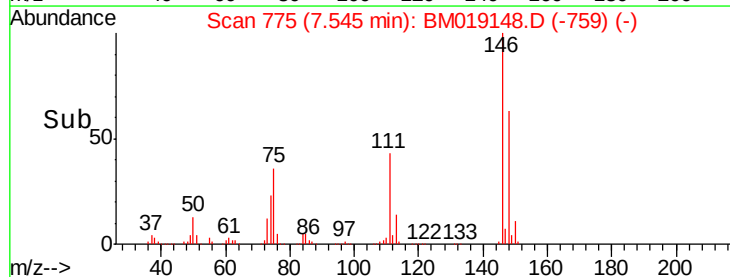
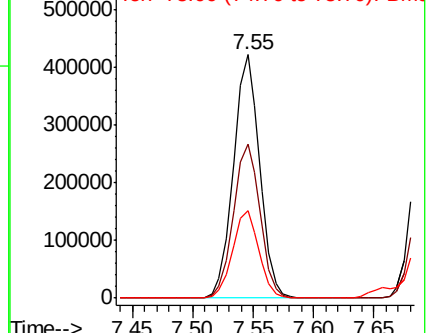


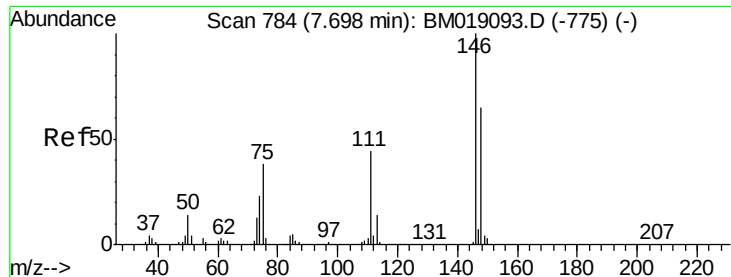
Abundance

Ion 146.00 (145.70 to 146.70): BM019093.D (-751) (-)

Ion 148.00 (147.70 to 148.70): BM019093.D (-751) (-)

Ion 75.00 (74.70 to 75.70): BM019093.D (-751) (-)

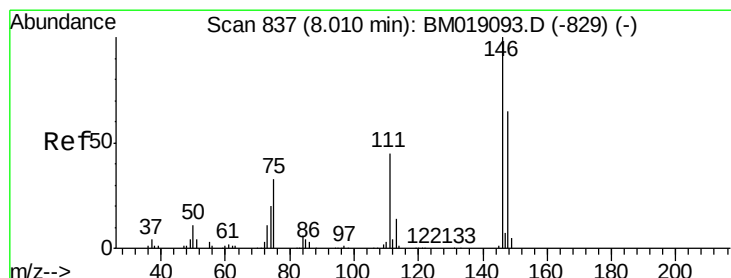
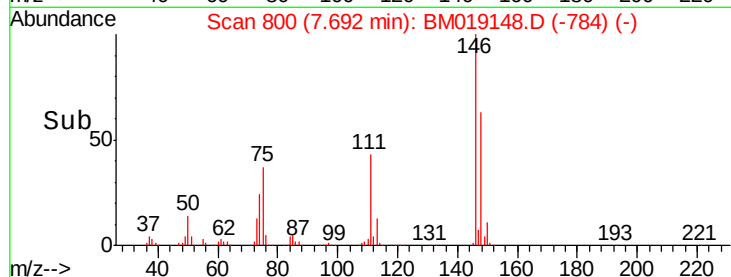
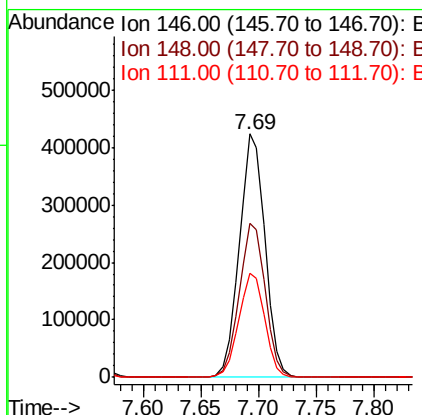
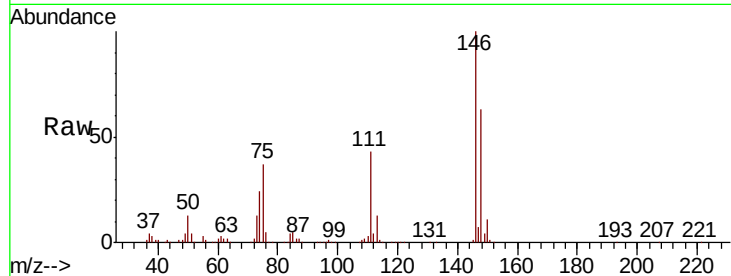




#13
 1,4-Dichlorobenzene
 Concen: 37.765 ng
 RT: 7.69 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

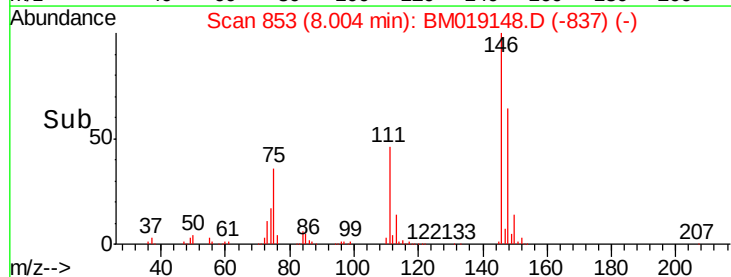
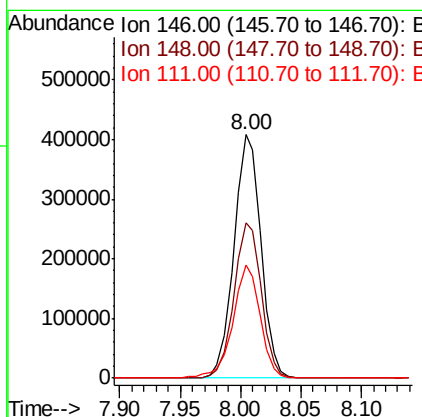
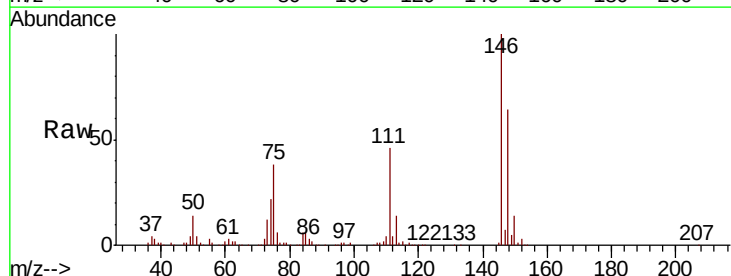
Instrument :
 BNA_M
 ClientSampled :
 PB117864BS

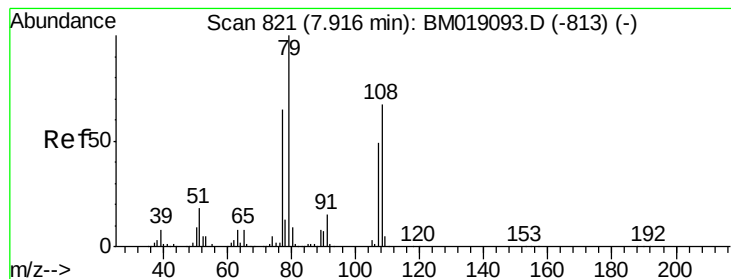
Tot Ion:146 Resp: 652317
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.6
 111 42.9 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 37.808 ng
 RT: 8.00 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion:146 Resp: 635375
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 46.2 36.2 54.4





#15

Benzyl Alcohol

Concen: 41.080 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

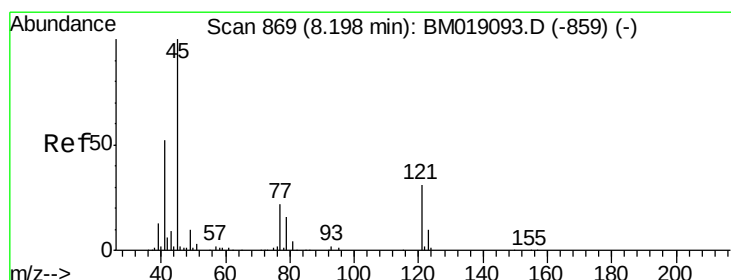
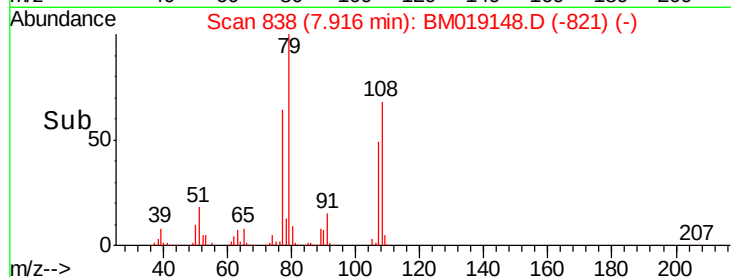
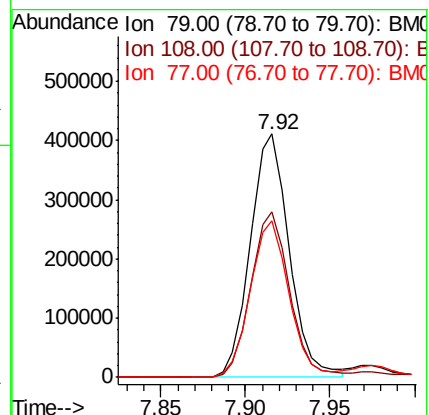
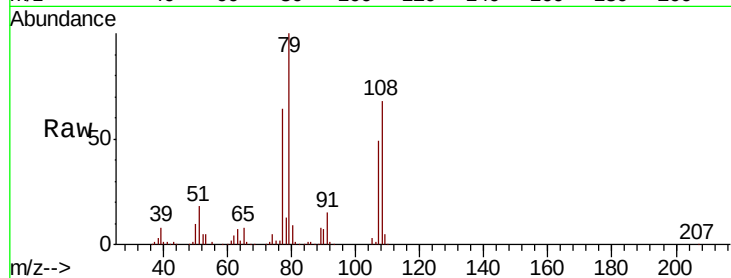
Tot Ion: 79 Resp: 662554

Ion Ratio Lower Upper

79 100

108 67.9 53.7 80.5

77 64.3 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.826 ng

RT: 8.19 min Scan# 885

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

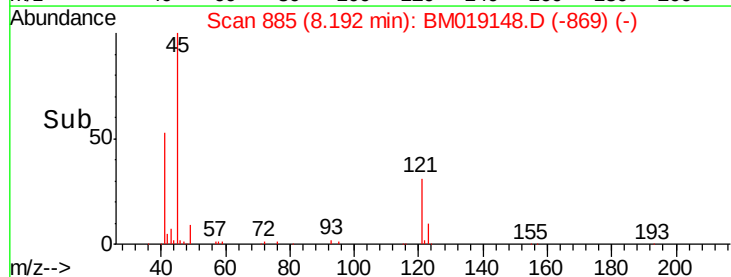
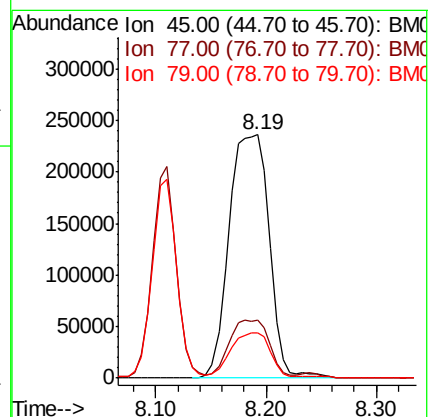
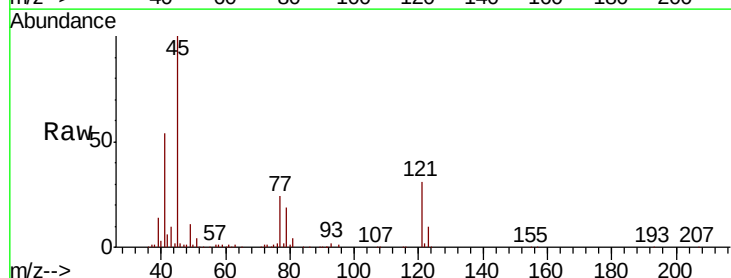
Tgt Ion: 45 Resp: 602605

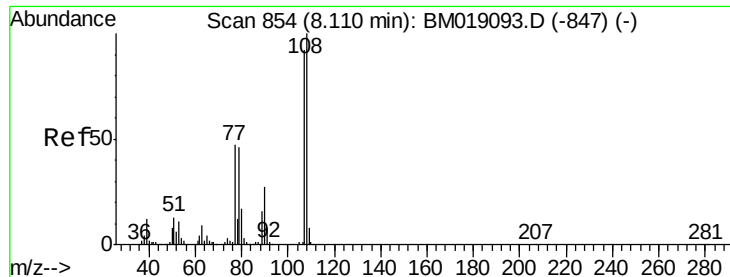
Ion Ratio Lower Upper

45 100

77 23.9 4.1 44.1

79 18.7 0.0 38.1

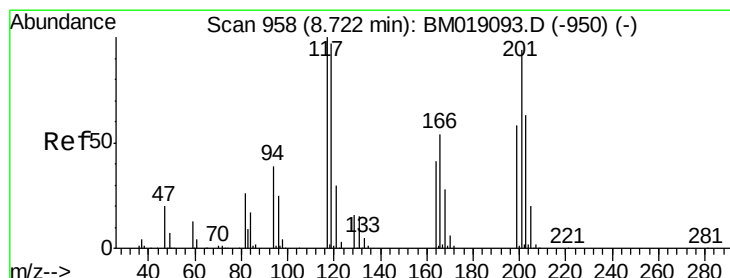
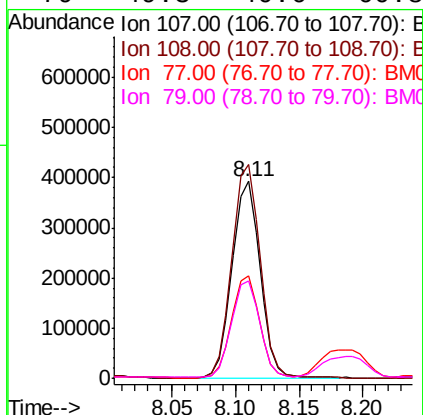
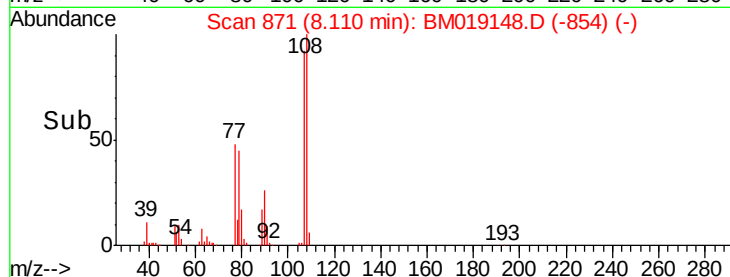
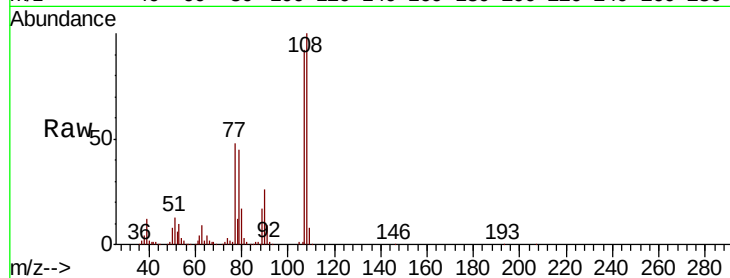




#17
2-Methylphenol
Concen: 43.749 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

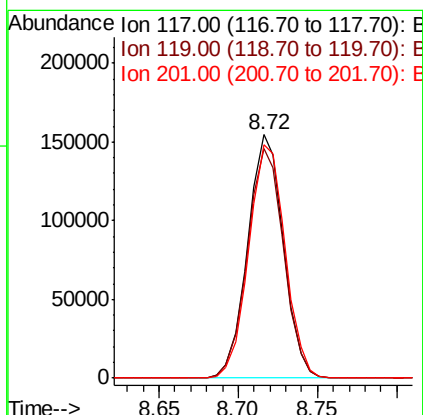
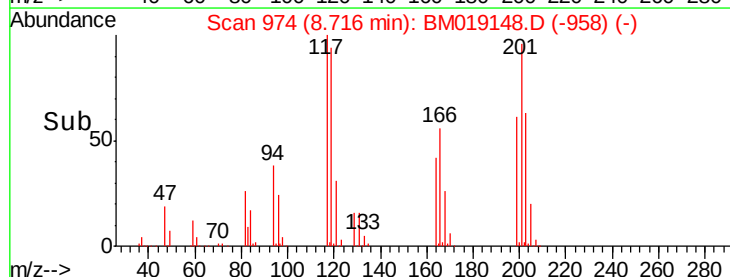
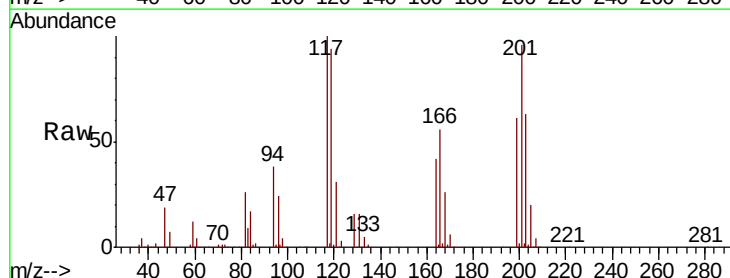
Instrument :
BNA_M
ClientSampleId :
PB117864BS

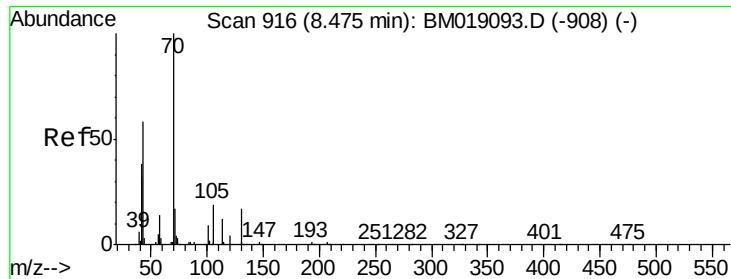
Tot Ion:	107	Resp:	598740
Ion	Ratio	Lower	Upper
107	100		
108	108.6	87.4	131.2
77	52.3	41.6	62.4
79	49.3	40.6	60.8



#18
Hexachloroethane
Concen: 37.648 ng
RT: 8.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:	117	Resp:	241641
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.4	116.2
201	95.9	75.2	112.8

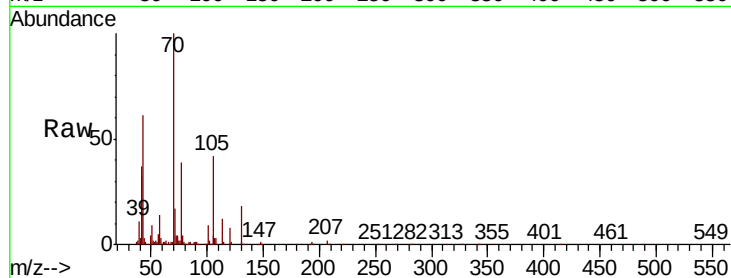




#19
n-Nitroso-di-n-propylamine
Concen: 37.360 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion:	70	Resp:	597286
Ion	Ratio	Lower	Upper
70	100		
42	37.0	30.6	45.8
101	8.8	6.8	10.2
130	18.1	13.9	20.9



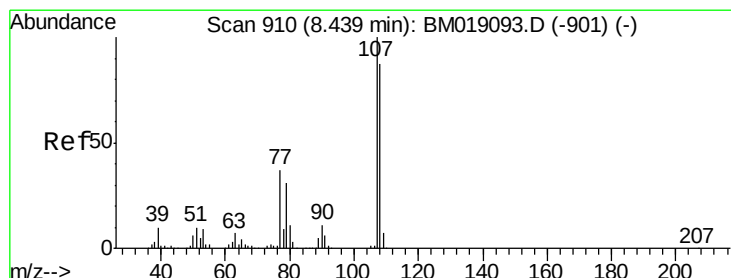
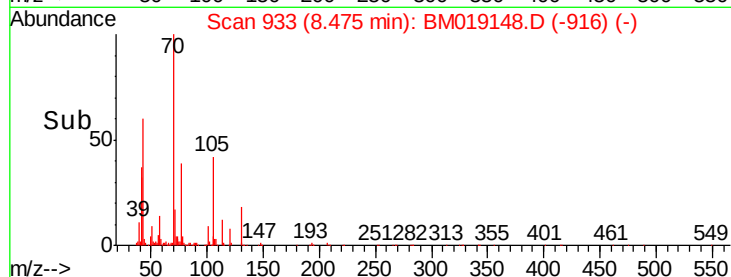
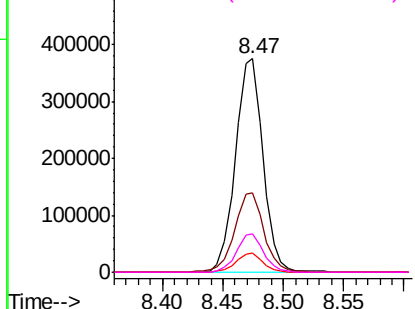
Abundance

Ion 70.00 (69.70 to 70.70): BM019148.D (-916) (-)

Ion 42.00 (41.70 to 42.70): BM019148.D (-916) (-)

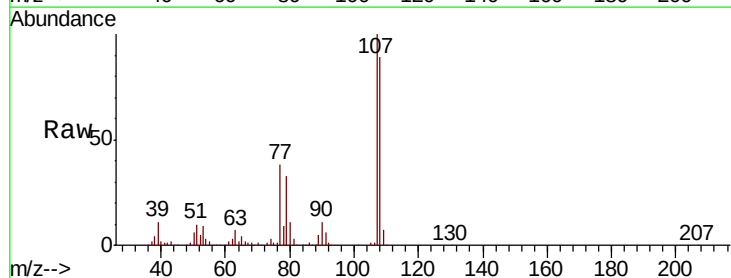
Ion 101.00 (100.70 to 101.70): BM019148.D (-916) (-)

Ion 130.00 (129.70 to 130.70): BM019148.D (-916) (-)



#20
3+4-Methylphenols
Concen: 44.320 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:	107	Resp:	823314
Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.0	107.0
77	37.8	17.3	57.3
79	32.9	11.6	51.6



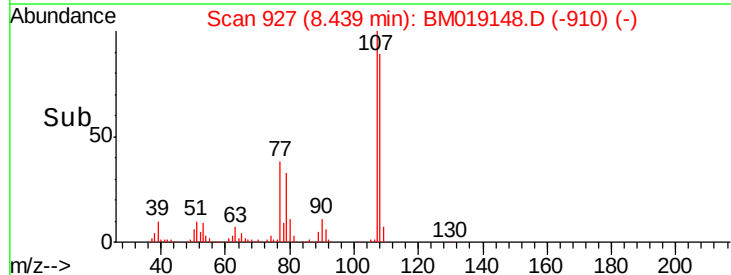
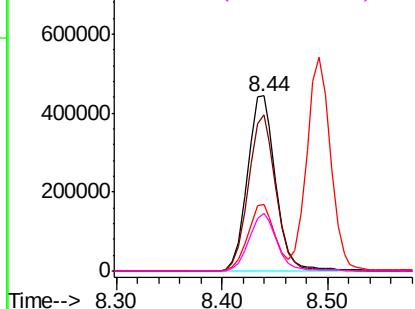
Abundance

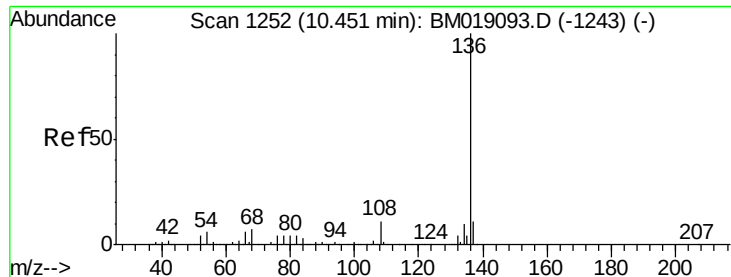
Ion 107.00 (106.70 to 107.70): BM019148.D (-910) (-)

Ion 108.00 (107.70 to 108.70): BM019148.D (-910) (-)

Ion 77.00 (76.70 to 77.70): BM019148.D (-910) (-)

Ion 79.00 (78.70 to 79.70): BM019148.D (-910) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

Tot Ion:136 Resp: 950061

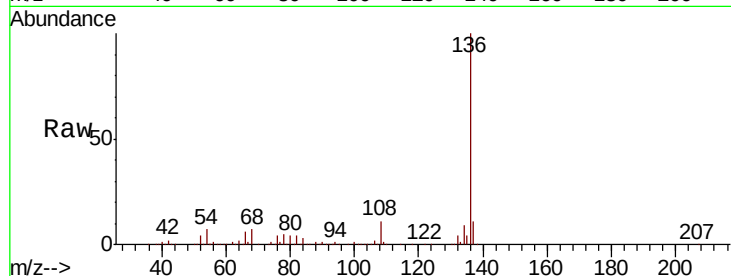
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 6.7 5.2 7.8

68 7.4 5.8 8.8

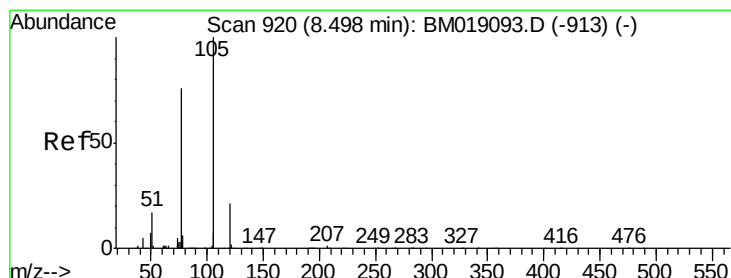
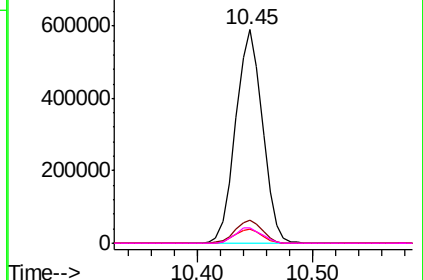
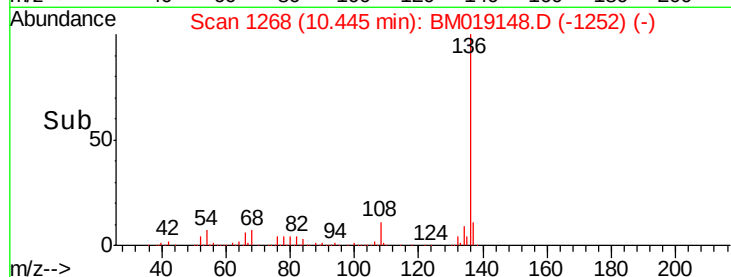


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 37.232 ng

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion:105 Resp: 977559

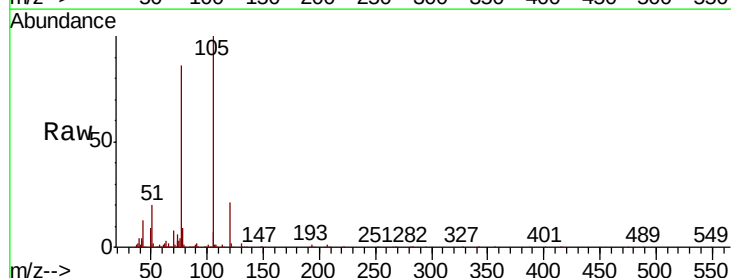
Ion Ratio Lower Upper

105 100

71 1.3 0.8 1.2#

51 20.2 15.8 23.6

120 20.7 17.0 25.4

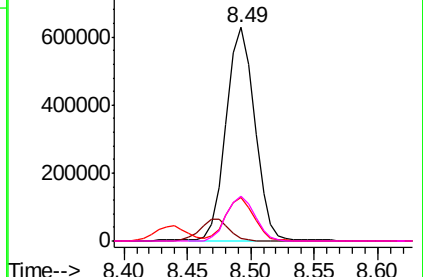
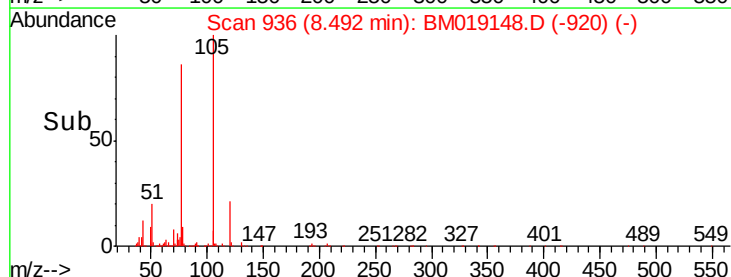


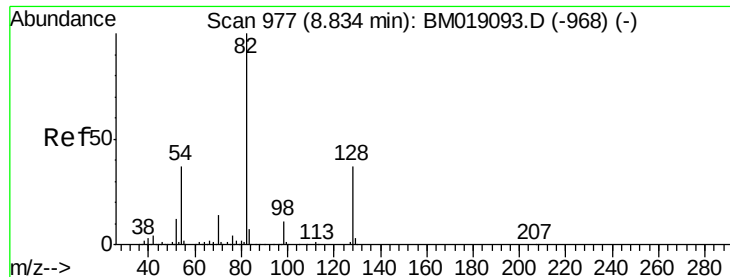
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.334 ng

RT: 8.83 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

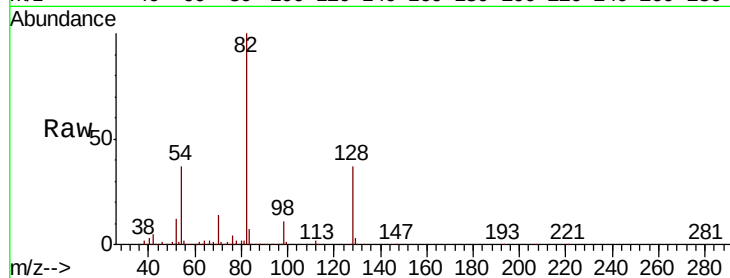
Tot Ion: 82 Resp: 1534194

Ion Ratio Lower Upper

82 100

128 37.2 29.4 44.2

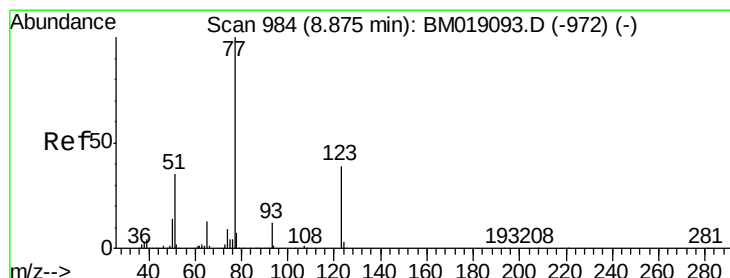
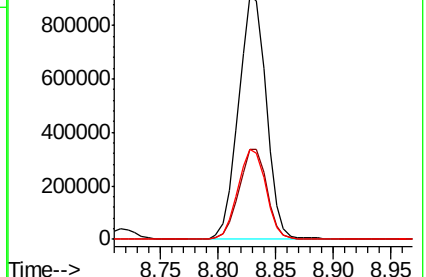
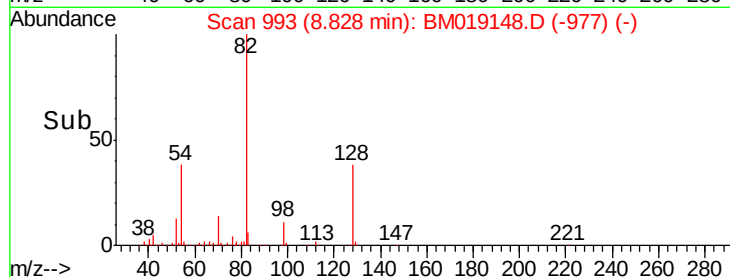
54 37.0 29.9 44.9



Abundance Ion 82.00 (81.70 to 82.70): BM019148.D (-977) (-)

Ion 128.00 (127.70 to 128.70): BM019148.D (-977) (-)

Ion 54.00 (53.70 to 54.70): BM019148.D (-977) (-)



#24

Nitrobenzene

Concen: 39.816 ng

RT: 8.87 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

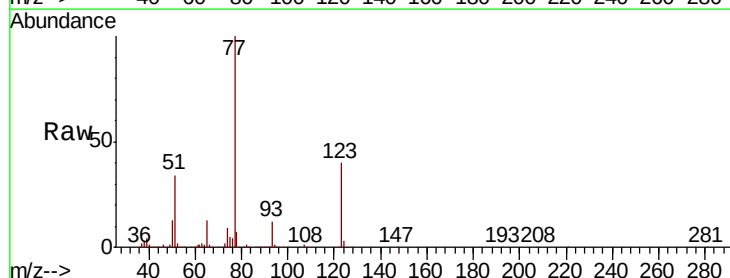
Tgt Ion: 77 Resp: 832274

Ion Ratio Lower Upper

77 100

123 39.6 31.3 46.9

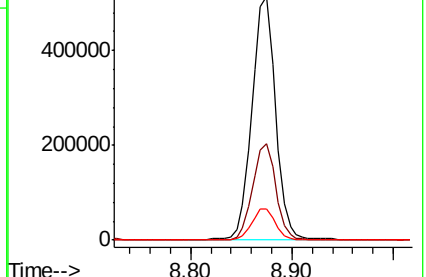
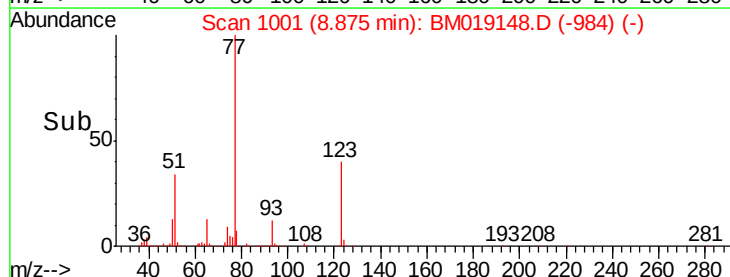
65 12.8 10.5 15.7

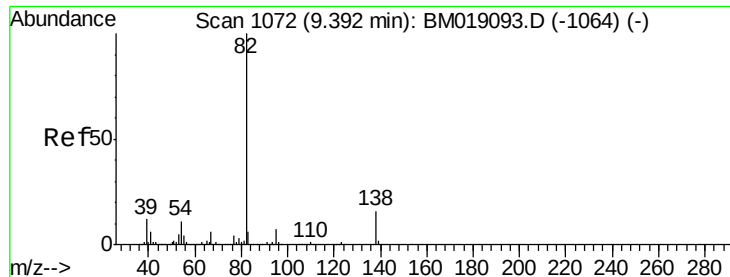


Abundance Ion 77.00 (76.70 to 77.70): BM019148.D (-984) (-)

Ion 123.00 (122.70 to 123.70): BM019148.D (-984) (-)

Ion 65.00 (64.70 to 65.70): BM019148.D (-984) (-)

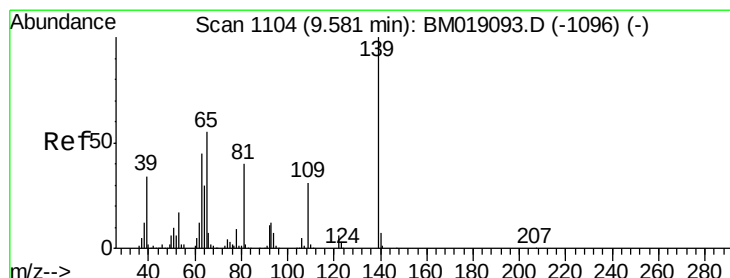
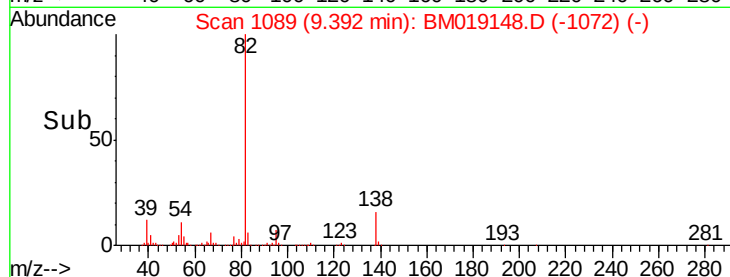
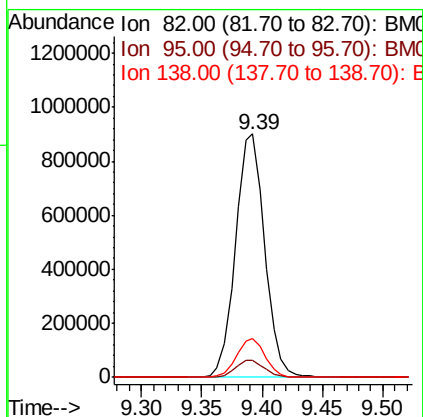
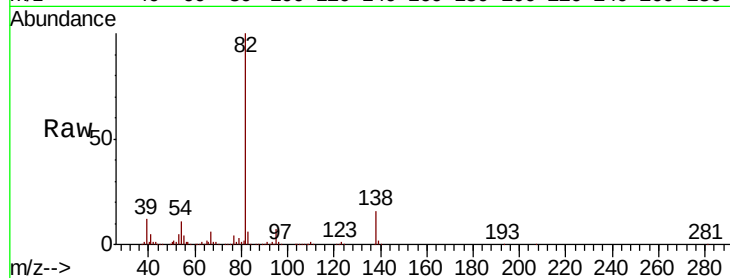




#25
Isophorone
Concen: 39.595 ng
RT: 9.39 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

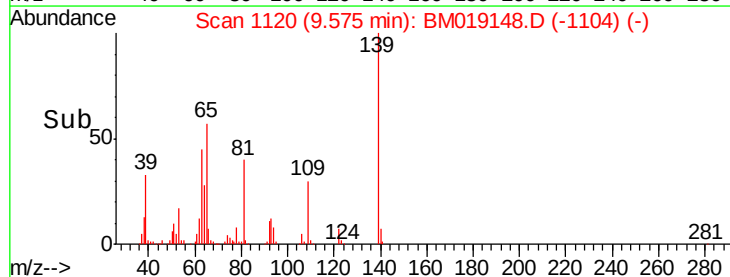
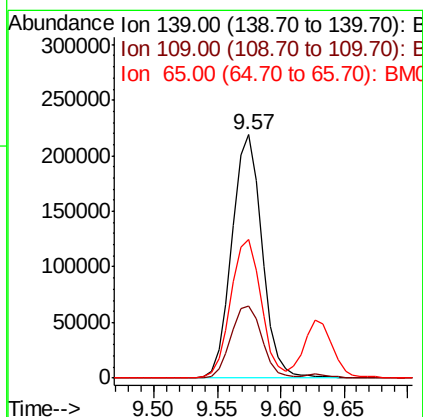
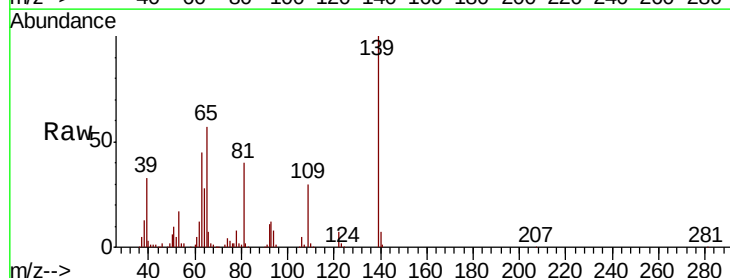
Instrument :
BNA_M
ClientSampleId :
PB117864BS

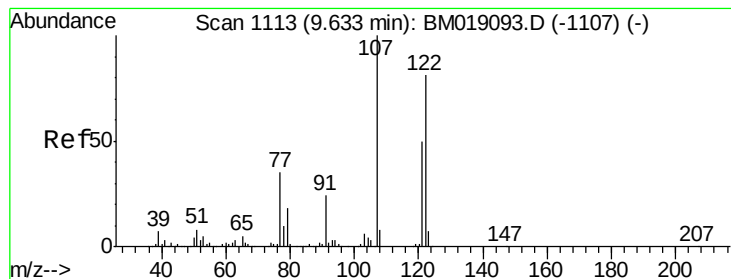
Tot Ion: 82 Resp: 1518500
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 16.0 12.6 18.8



#26
2-Nitrophenol
Concen: 41.657 ng
RT: 9.57 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion: 139 Resp: 360928
Ion Ratio Lower Upper
139 100
109 29.5 24.5 36.7
65 57.0 44.4 66.6





#27

2,4-Dimethylphenol

Concen: 50.988 ng

RT: 9.63 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

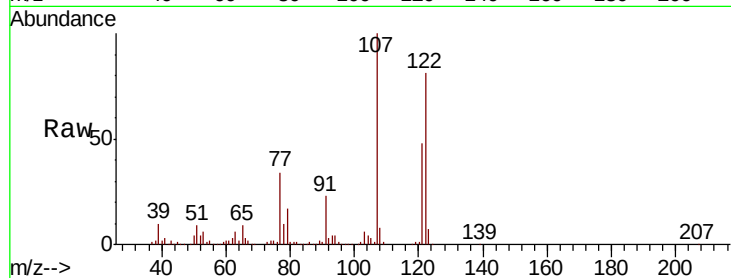
Tot Ion:122 Resp: 656778

Ion Ratio Lower Upper

122 100

107 123.5 98.2 147.4

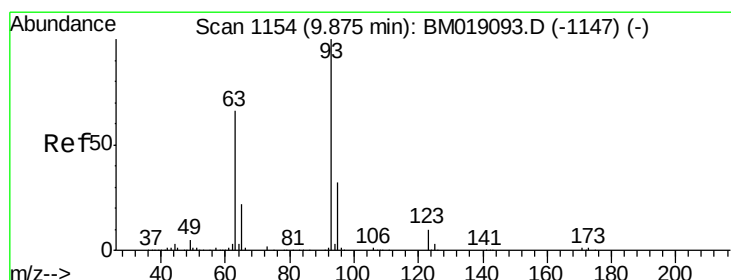
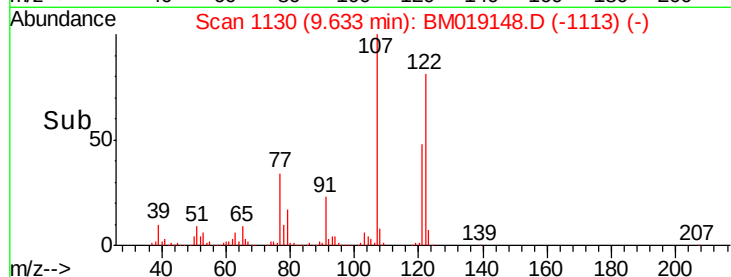
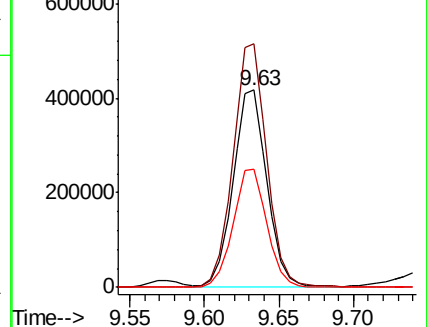
121 59.9 48.8 73.2



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: 40.190 ng

RT: 9.87 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

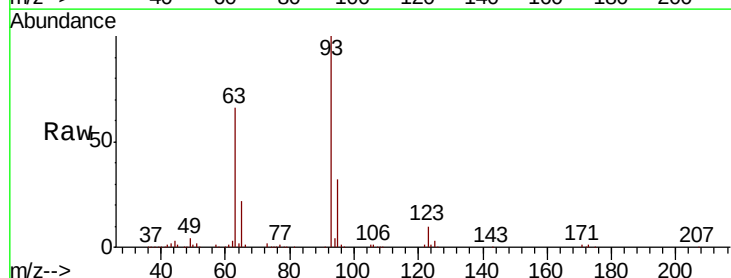
Tgt Ion: 93 Resp: 912660

Ion Ratio Lower Upper

93 100

95 31.6 25.8 38.8

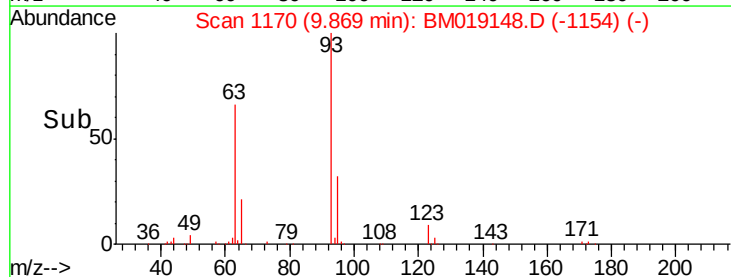
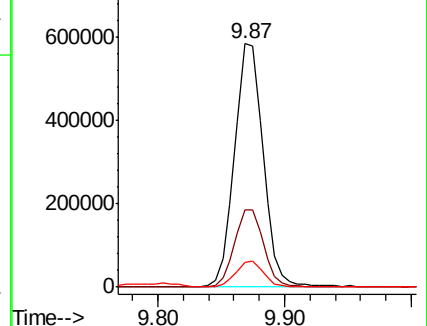
123 10.0 7.9 11.9

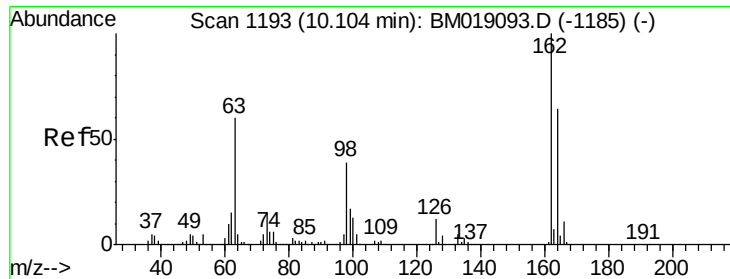


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

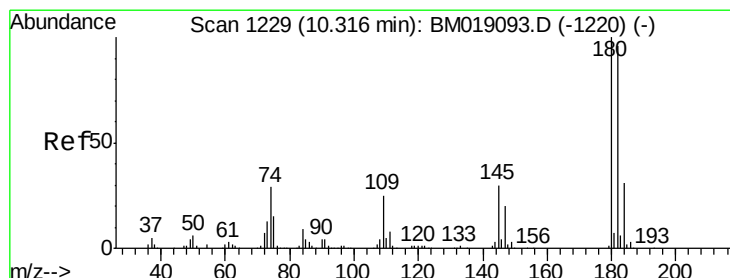
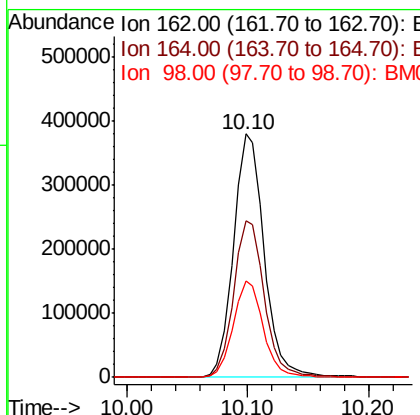
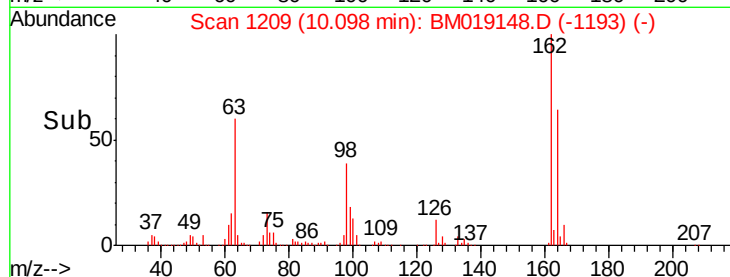
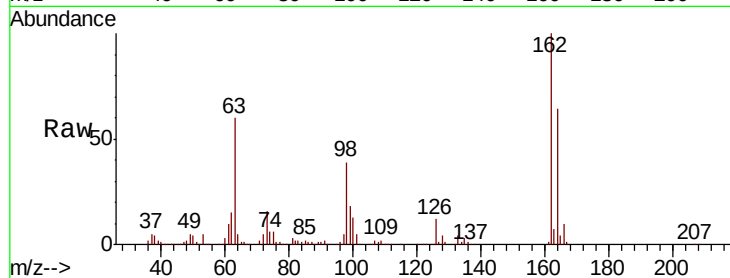




#29
2,4-Dichlorophenol
Concen: 47.079 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

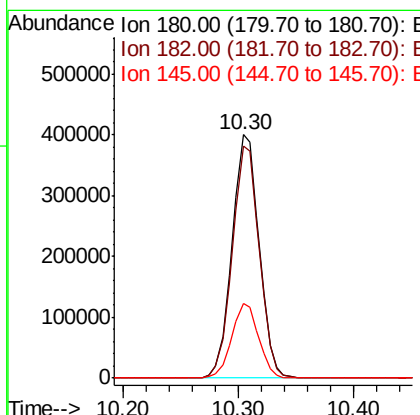
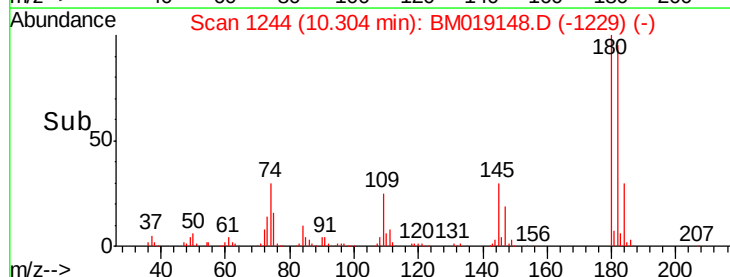
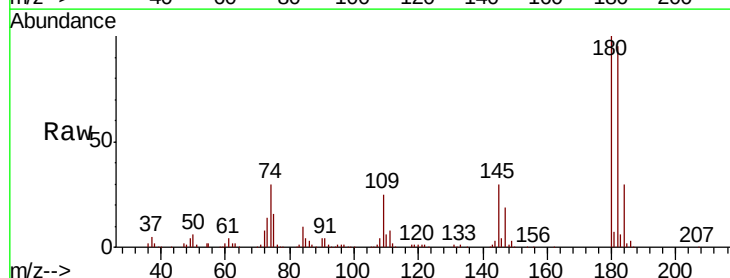
Instrument :
BNA_M
ClientSampleId :
PB117864BS

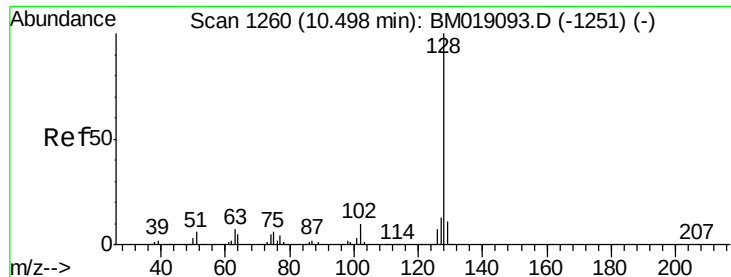
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.5	83.5
98	39.5	19.1	59.1



#30
1,2,4-Trichlorobenzene
Concen: 40.377 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	114.8
145	30.5	24.3	36.5

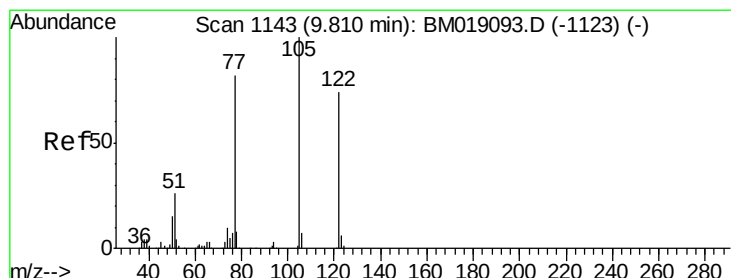
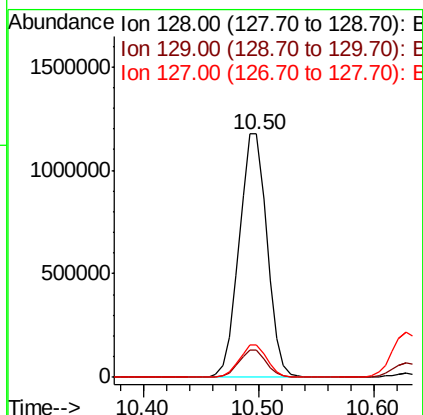
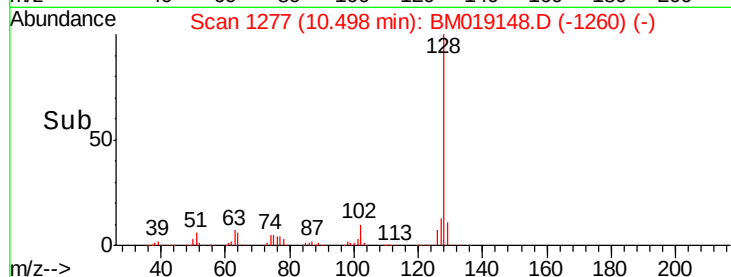
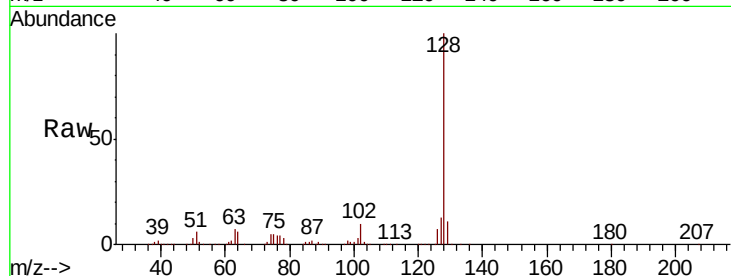




#31
Naphthalene
Concen: 39.464 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

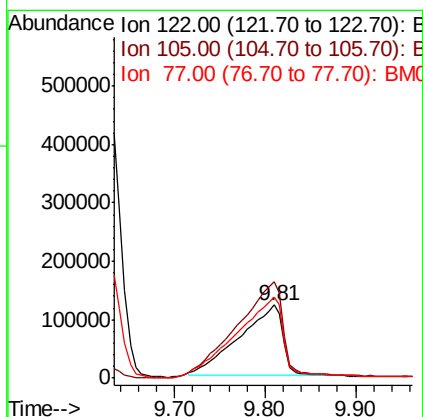
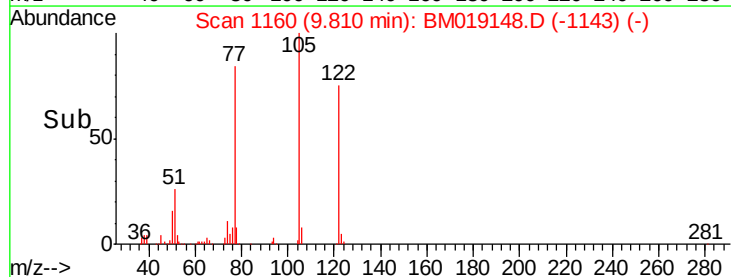
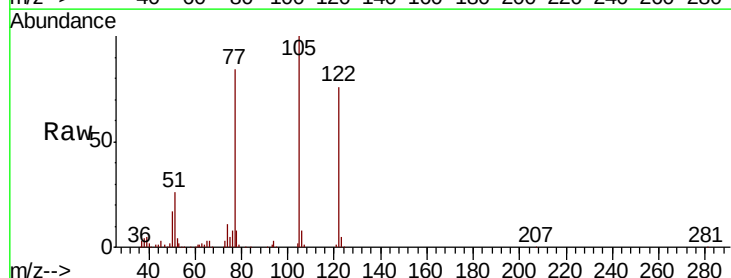
Instrument :
BNA_M
ClientSampleId :
PB117864BS

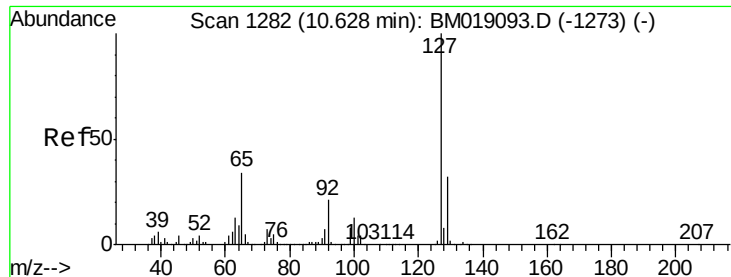
Tot Ion:128 Resp: 1976166
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 37.485 ng
RT: 9.81 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:122 Resp: 408923
Ion Ratio Lower Upper
122 100
105 132.1 113.0 153.0
77 110.8 90.1 130.1

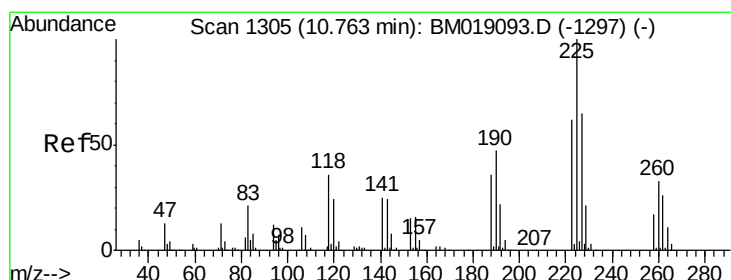
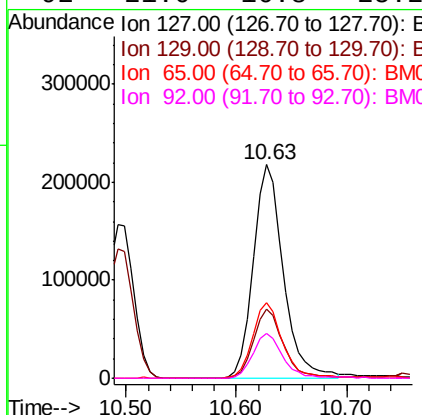
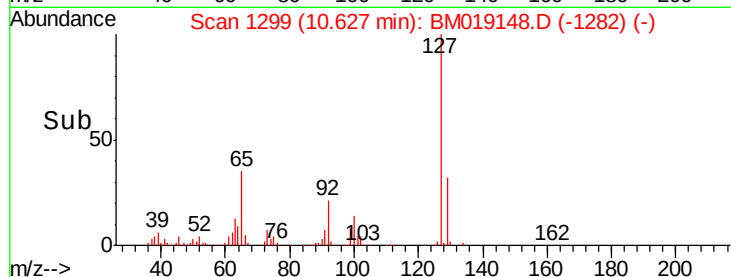
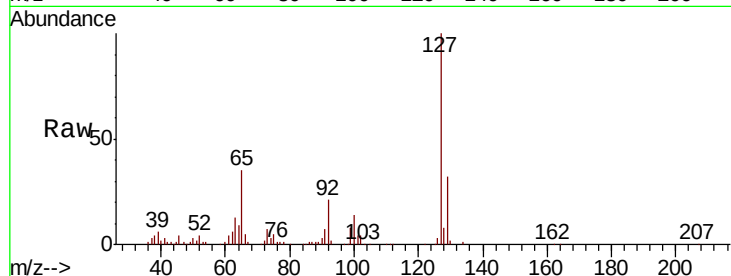




#33
4-Chloroaniline
Concen: 20.284 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

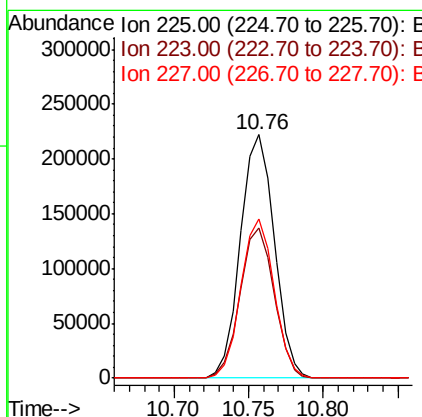
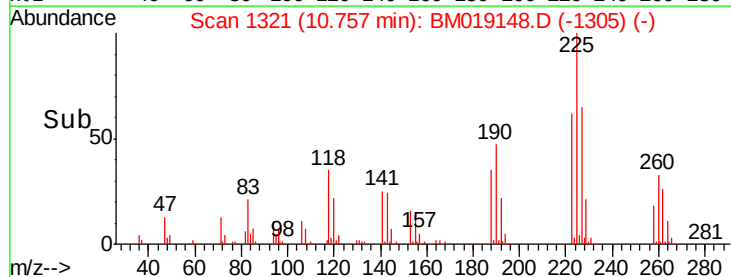
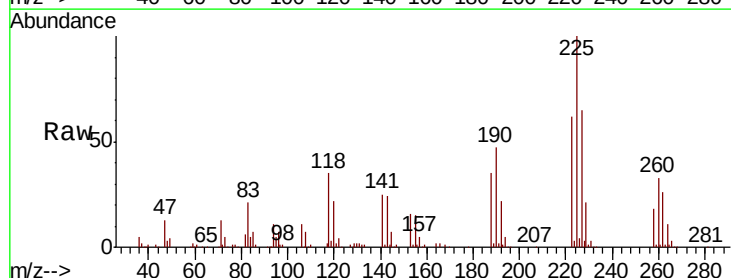
Instrument :
BNA_M
ClientSampleId :
PB117864BS

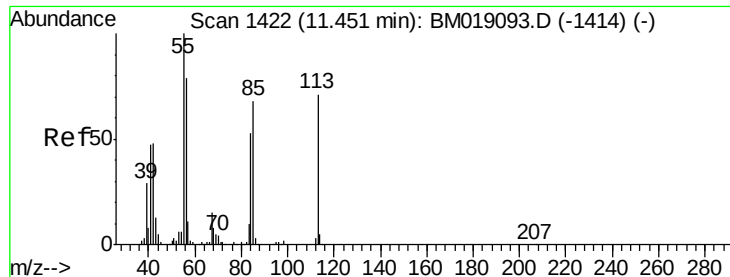
Tot Ion:	127	Resp:	416369
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.3	37.9
65	35.1	27.4	41.2
92	21.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 37.982 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:	225	Resp:	350624
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.4	74.0
227	65.1	51.6	77.4





#35

Caprolactam

Concen: 22.139 ng

RT: 11.45 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

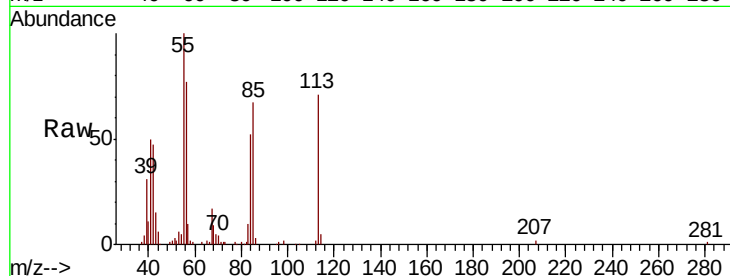
Tot Ion:113 Resp: 112506

Ion Ratio Lower Upper

113 100

55 140.4 120.1 160.1

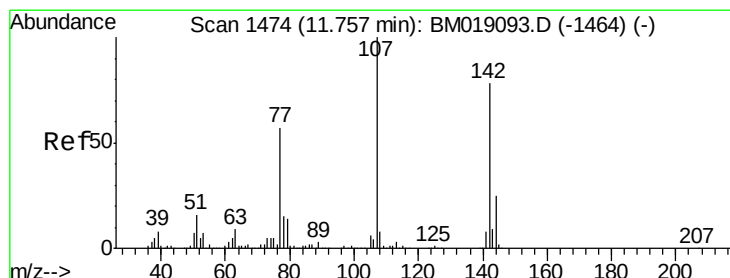
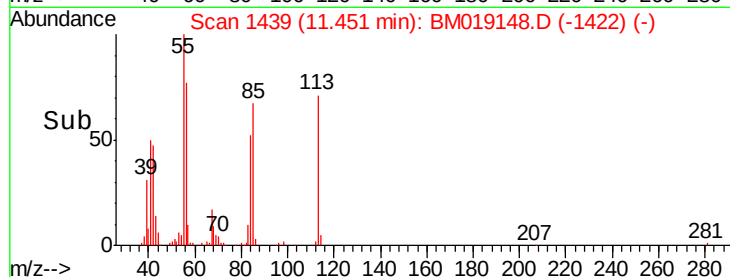
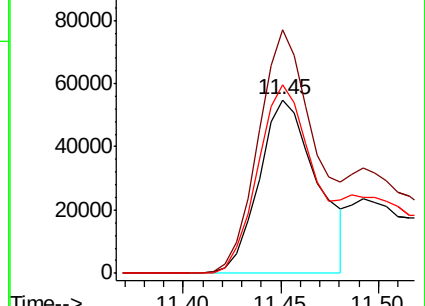
56 108.6 90.1 130.1



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: 44.190 ng

RT: 11.75 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

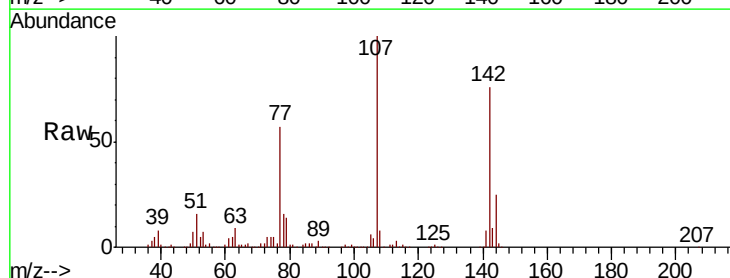
Tgt Ion:107 Resp: 777847

Ion Ratio Lower Upper

107 100

144 24.7 20.2 30.4

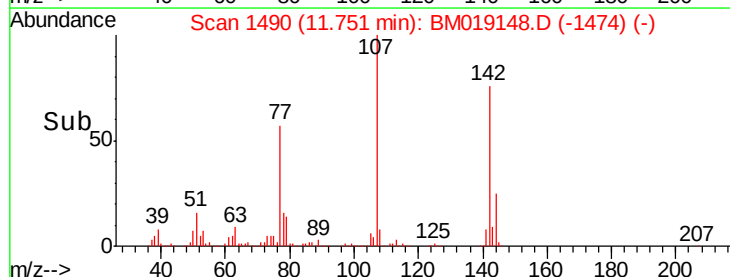
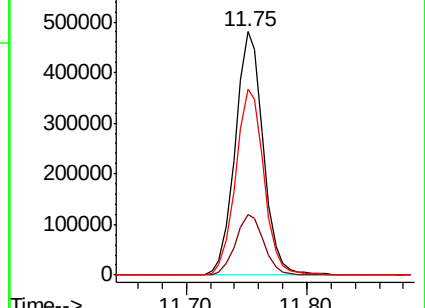
142 76.5 62.4 93.6

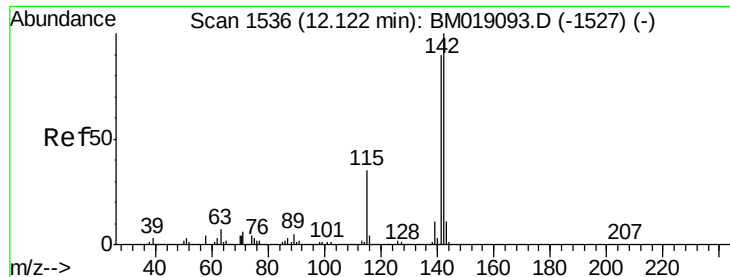


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

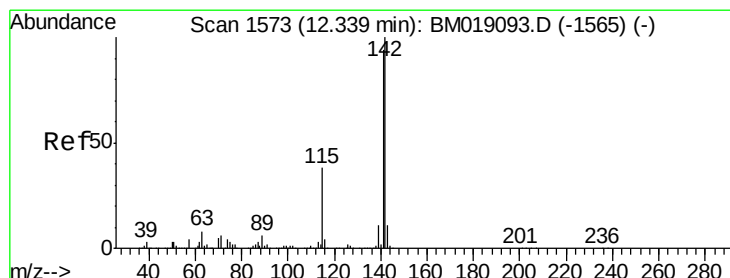
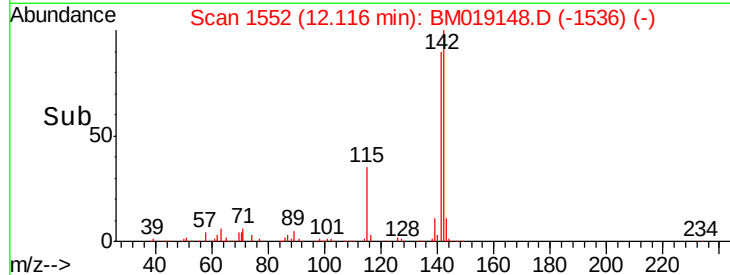
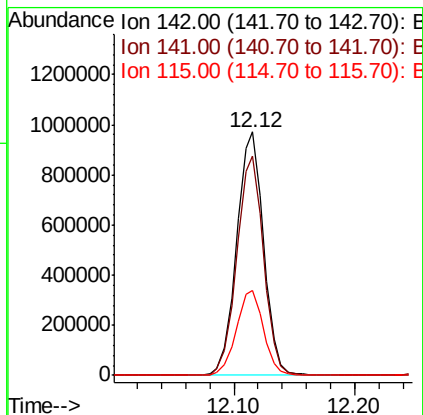
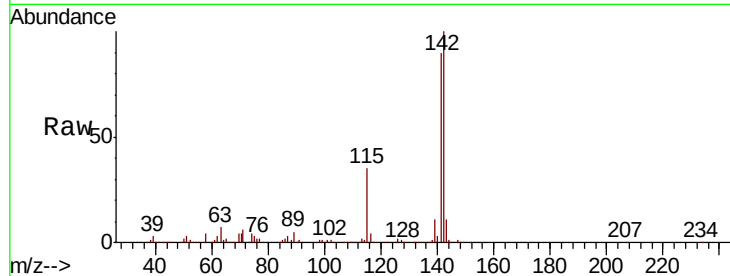




#37
 2-Methylnaphthalene
 Concen: 41.387 ng
 RT: 12.12 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

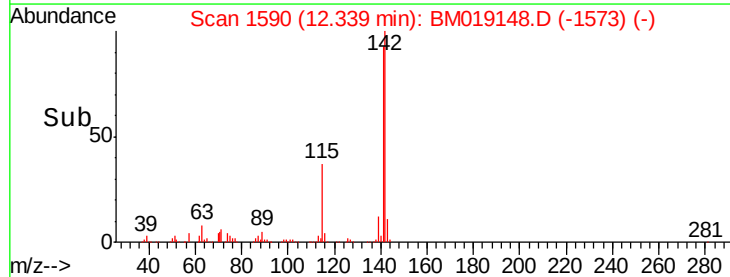
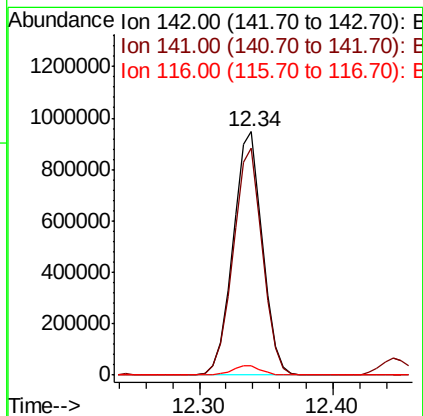
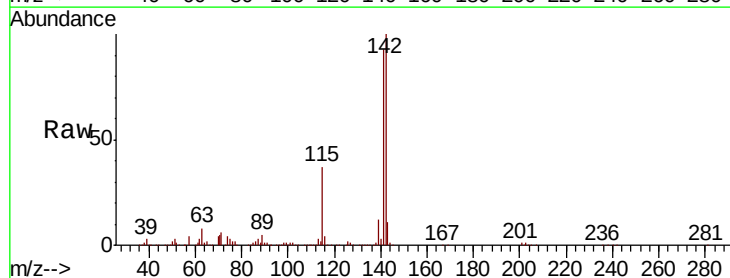
Instrument :
 BNA_M
 ClientSampleId :
 PB117864BS

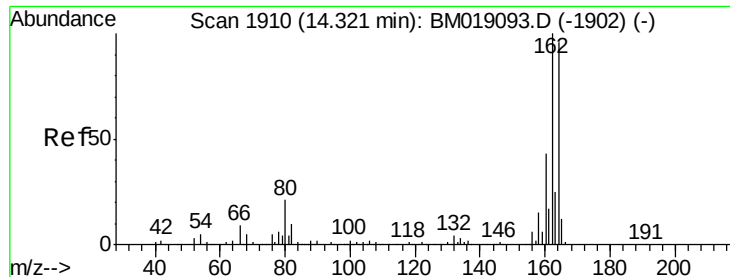
Tot Ion:142 Resp: 1506006
 Ion Ratio Lower Upper
 142 100
 141 89.8 72.3 108.5
 115 35.0 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 40.309 ng
 RT: 12.34 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion:142 Resp: 1445768
 Ion Ratio Lower Upper
 142 100
 141 93.0 74.9 112.3
 116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampled :

PB117864BS

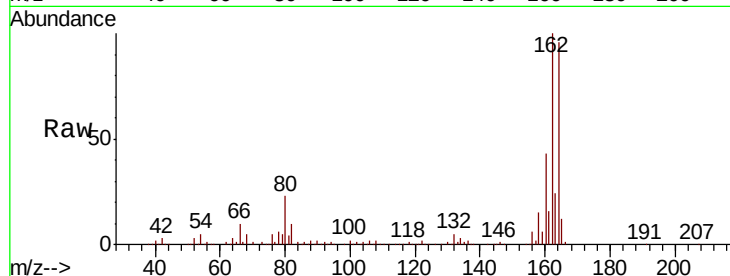
Tot Ion:164 Resp: 591825

Ion Ratio Lower Upper

164 100

162 104.2 83.5 125.3

160 45.1 36.3 54.5

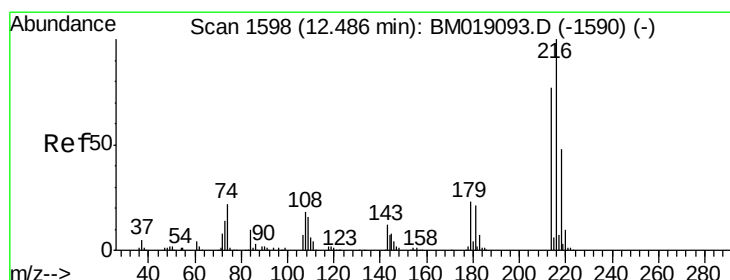
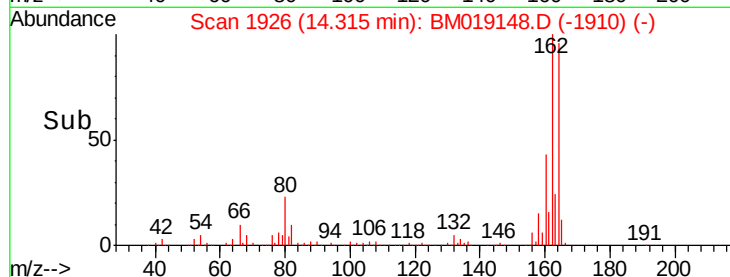
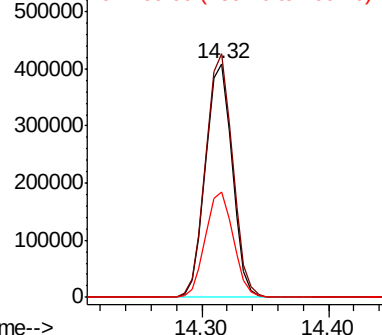


Abundance

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: 38.325 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion:216 Resp: 717480

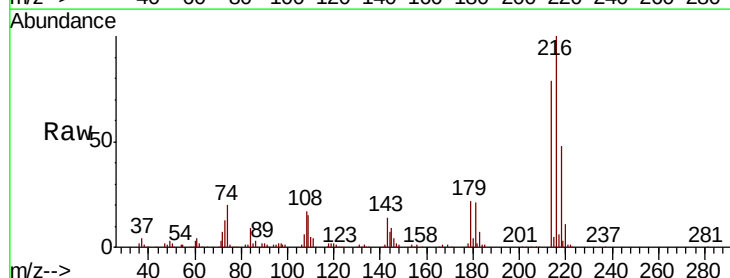
Ion Ratio Lower Upper

216 100

214 78.8 62.9 94.3

179 22.8 18.0 27.0

108 18.6 16.2 24.4



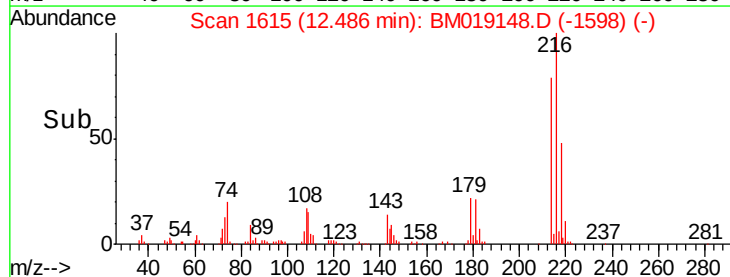
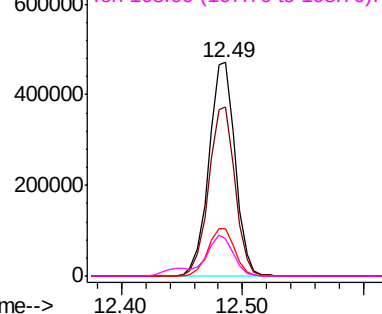
Abundance

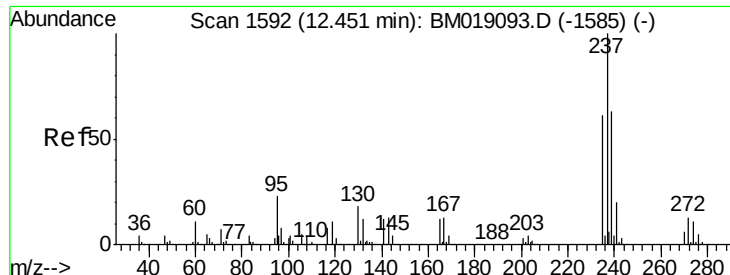
Ion 216.00 (215.70 to 216.70): E

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: 89.970 ng

RT: 12.45 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

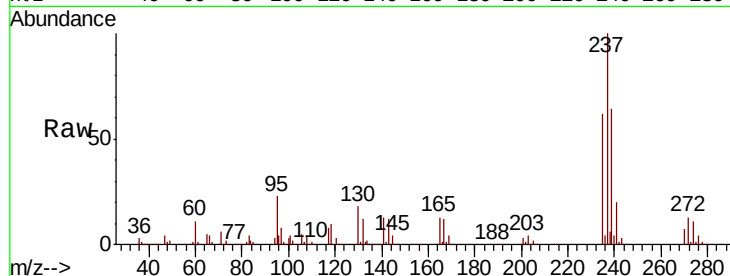
Tot Ion:237 Resp: 762934

Ion Ratio Lower Upper

237 100

235 62.4 41.3 81.3

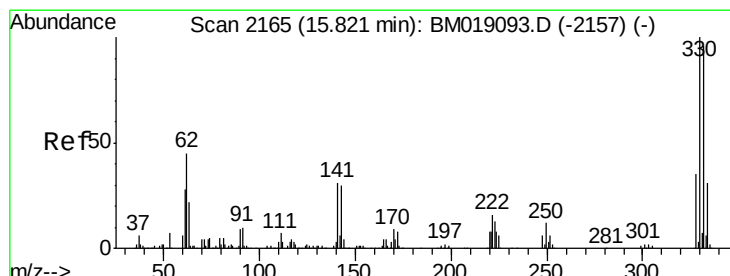
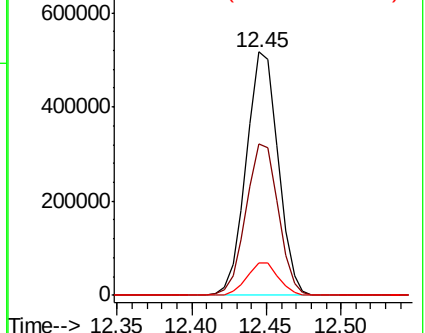
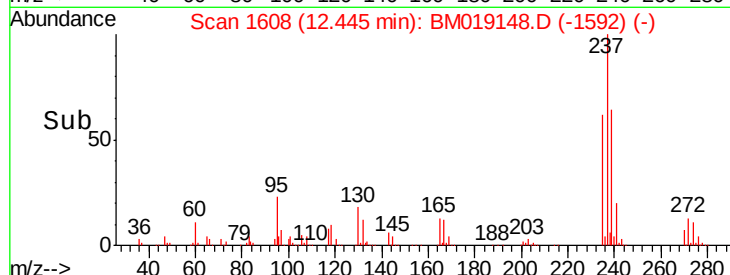
272 13.4 0.0 33.1



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: 139.840 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

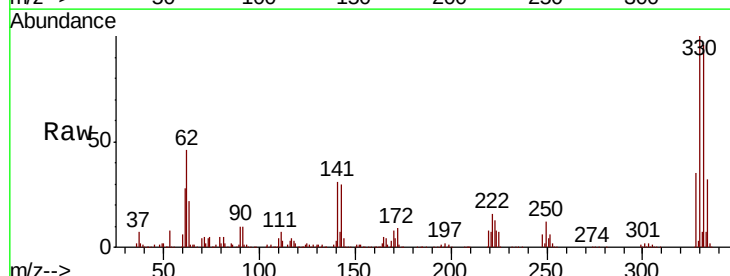
Tgt Ion:330 Resp: 1221930

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

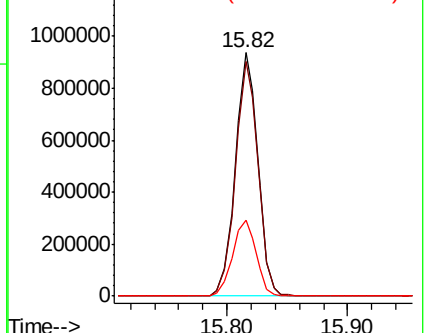
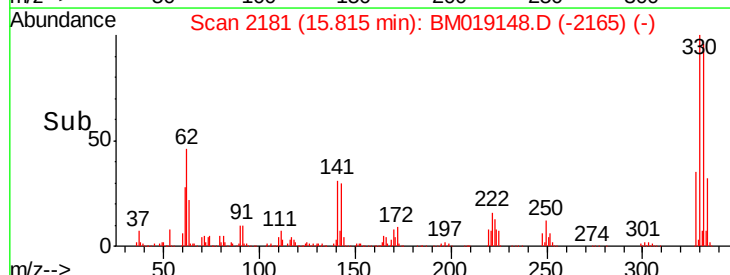
141 32.6 27.0 40.4

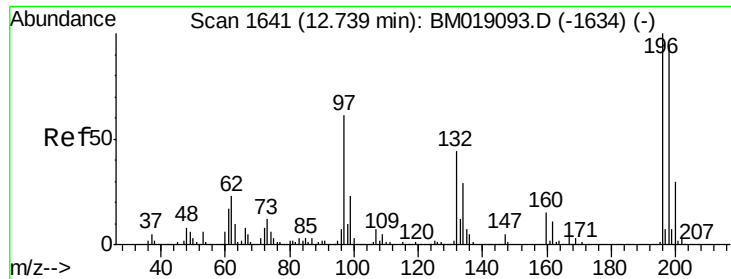


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

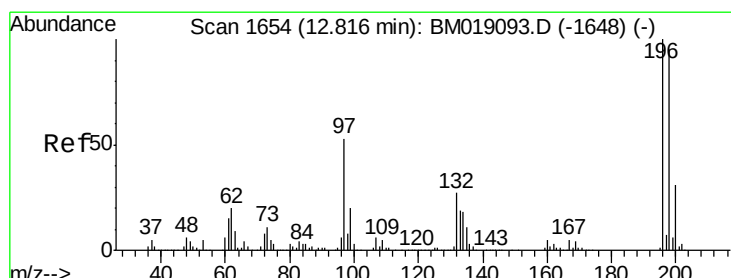
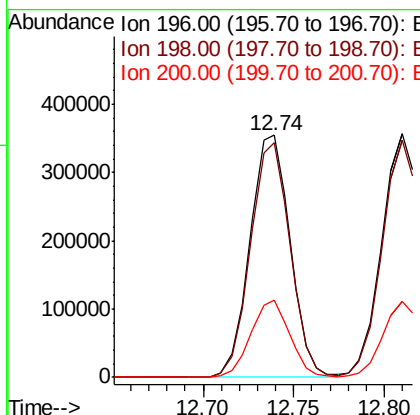
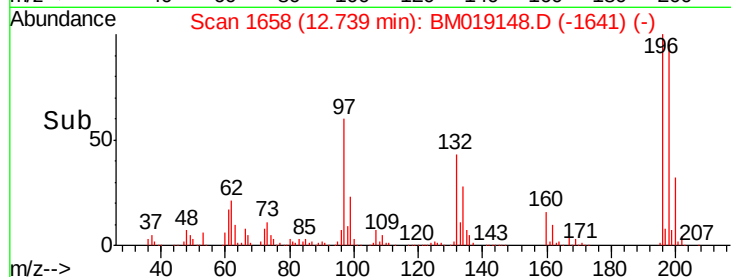
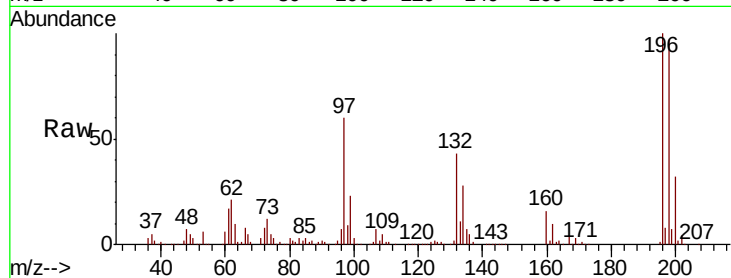




#43
 2,4,6-Trichlorophenol
 Concen: 45.128 ng
 RT: 12.74 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

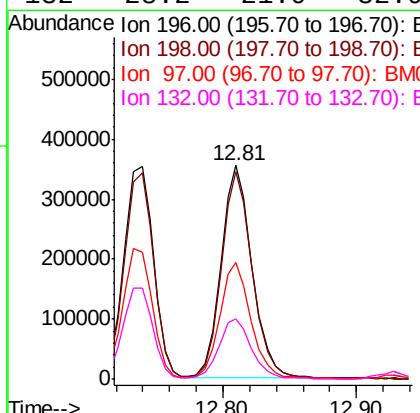
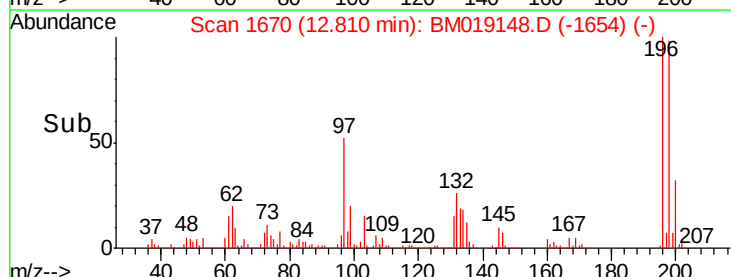
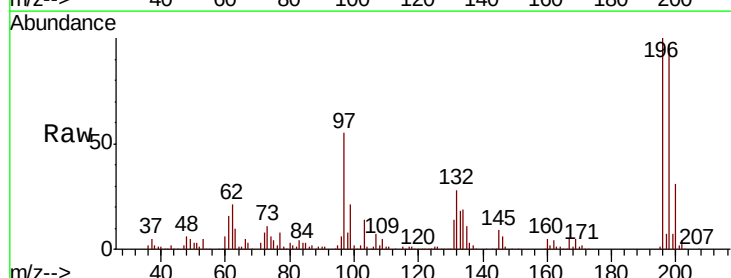
Instrument :
 BNA_M
 ClientSampleId :
 PB117864BS

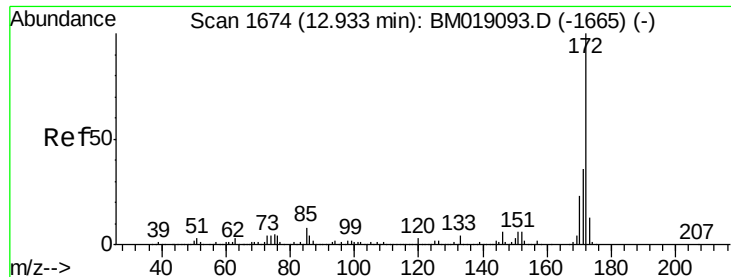
Tot Ion:196 Resp: 545969
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.4 113.0
 200 32.0 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.182 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion:196 Resp: 571591
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.9 113.9
 97 54.8 42.5 63.7
 132 28.2 21.9 32.9

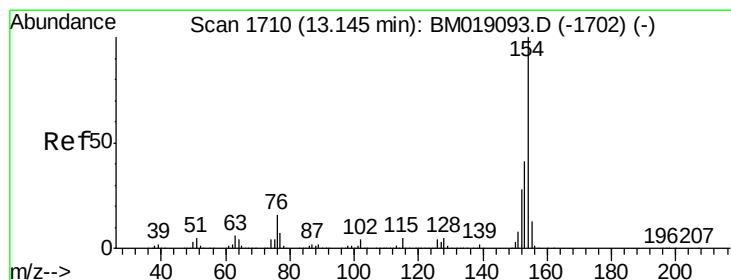
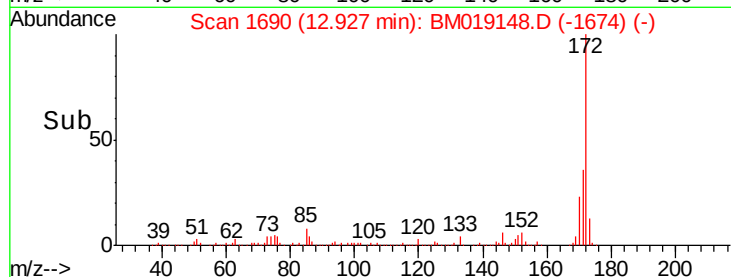
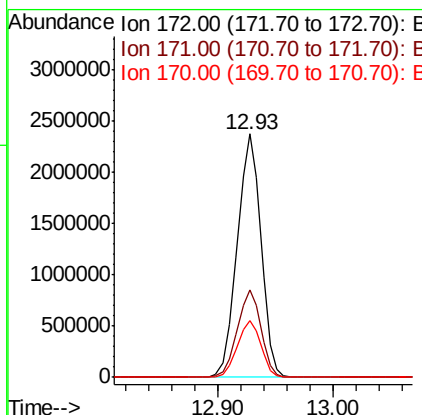
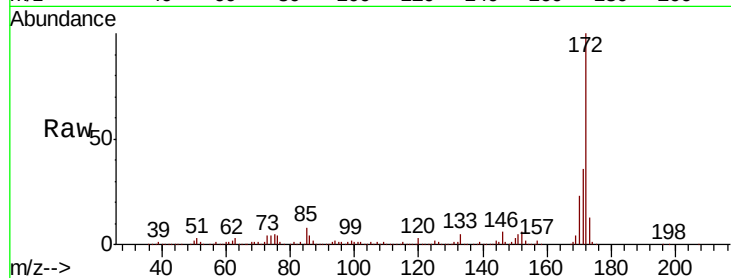




#45
2-Fluorobiphenyl
Concen: 73.980 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

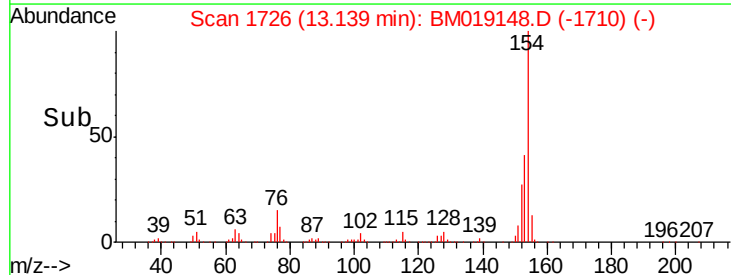
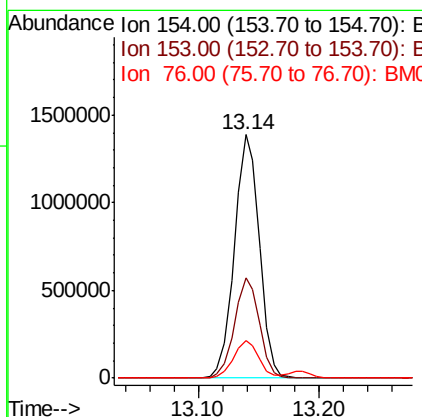
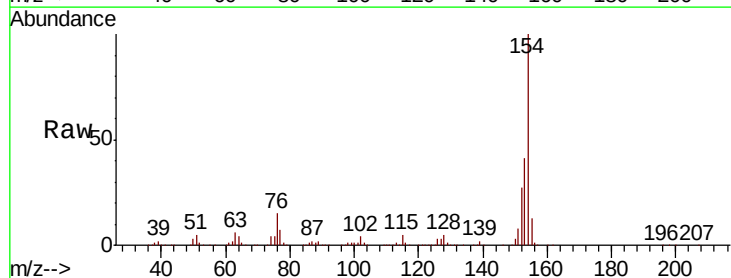
Instrument :
BNA_M
ClientSampleId :
PB117864BS

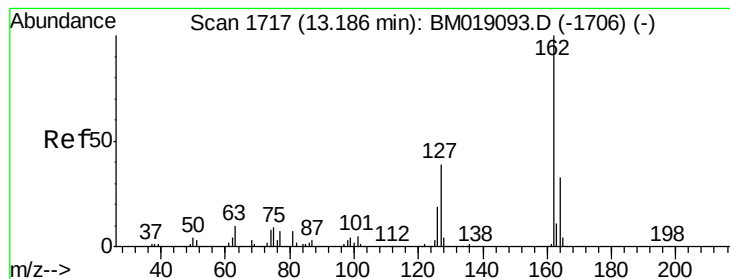
Tot Ion:172 Resp: 3365966
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.554 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:154 Resp: 1992646
Ion Ratio Lower Upper
154 100
153 41.2 21.5 61.5
76 15.5 0.0 35.8





#47

2-Chloronaphthalene

Concen: 40.077 ng

RT: 13.19 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

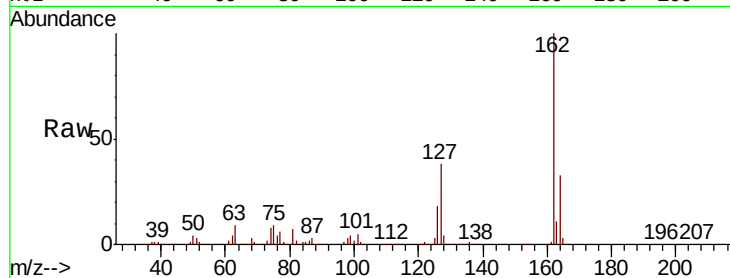
Tot Ion:162 Resp: 1546156

Ion Ratio Lower Upper

162 100

127 37.8 31.2 46.8

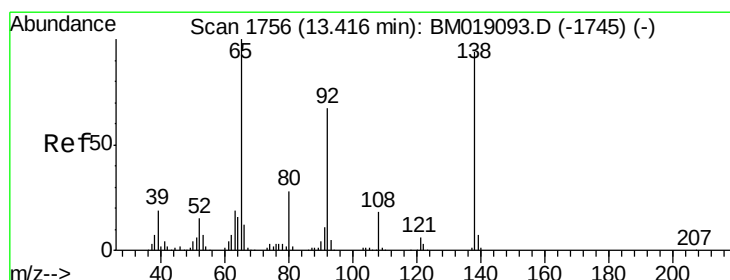
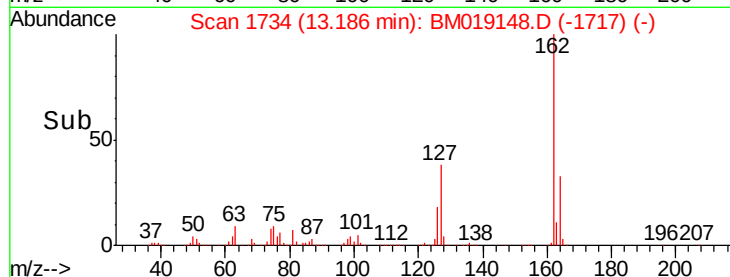
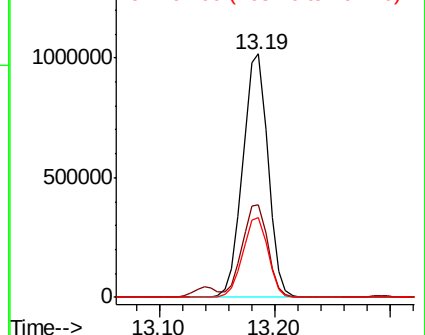
164 32.5 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.964 ng

RT: 13.41 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

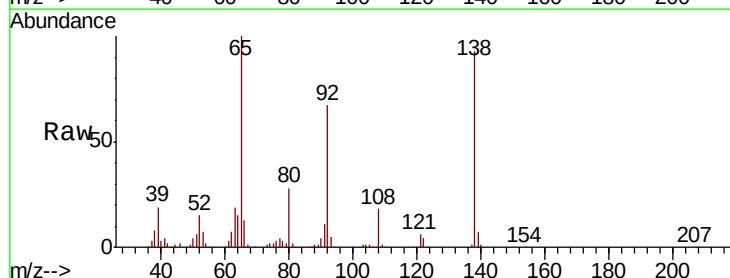
Tgt Ion: 65 Resp: 542954

Ion Ratio Lower Upper

65 100

92 67.3 53.4 80.2

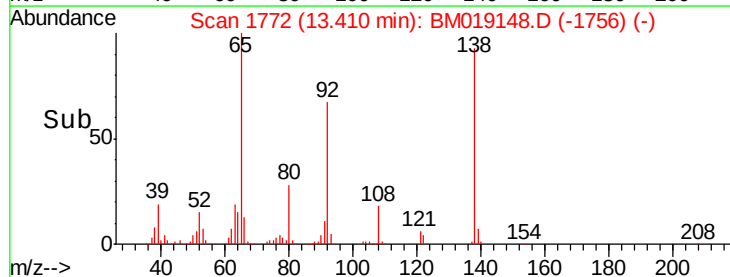
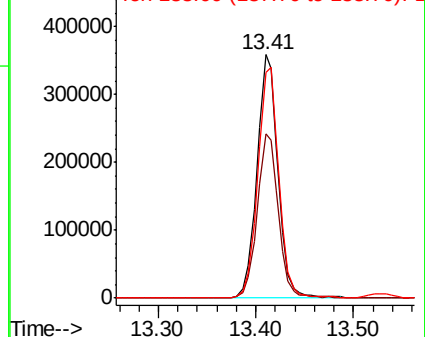
138 92.5 74.9 112.3

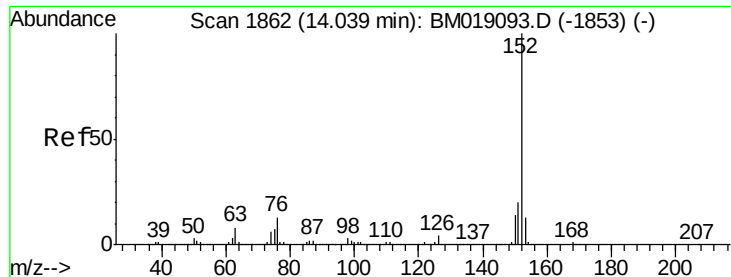


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.665 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

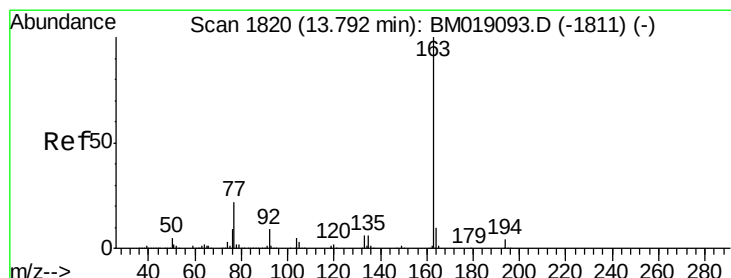
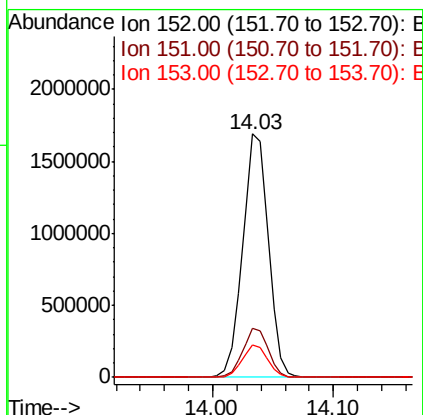
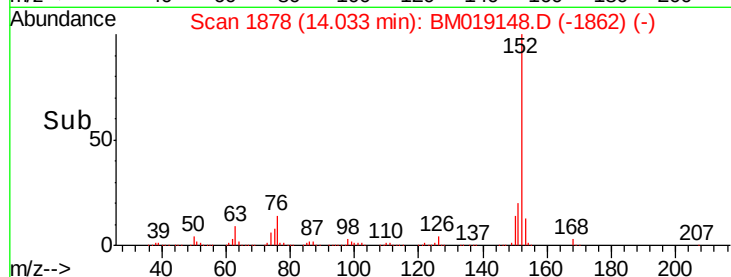
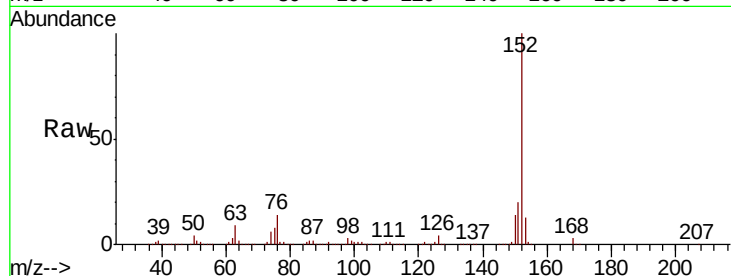
Tot Ion:152 Resp: 2522191

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 40.199 ng

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

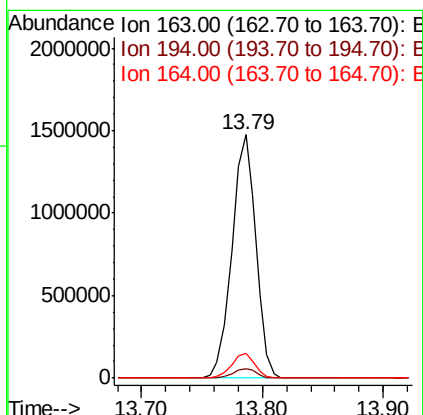
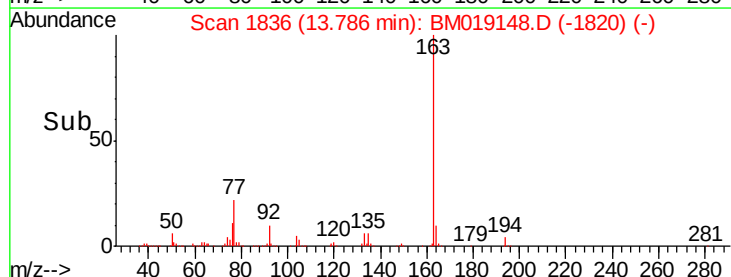
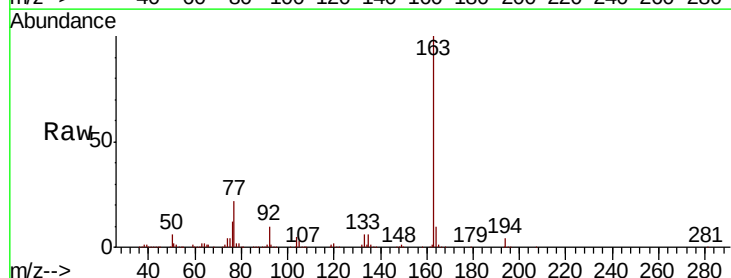
Tgt Ion:163 Resp: 2035177

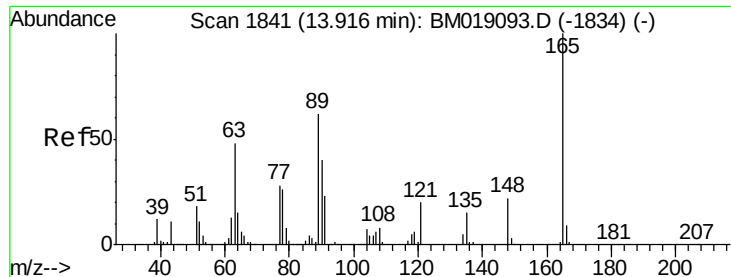
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 9.9 7.7 11.5

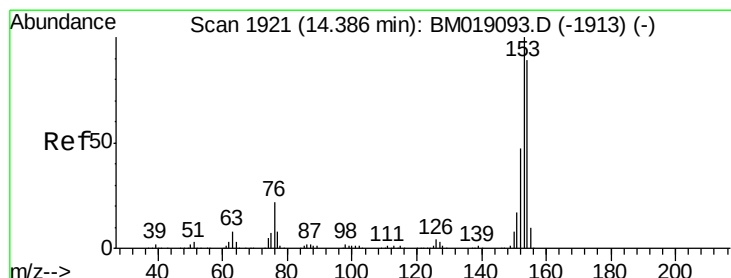
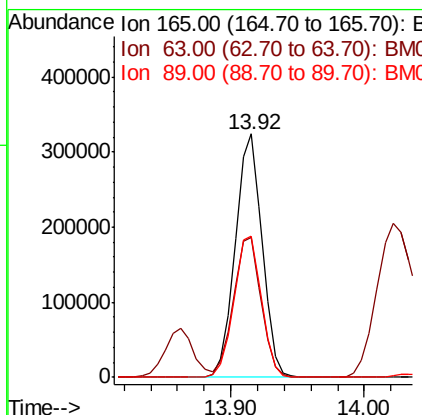
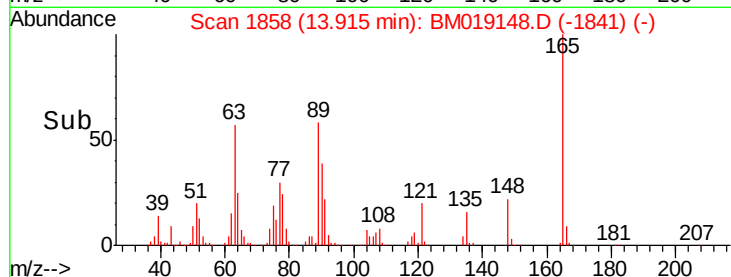
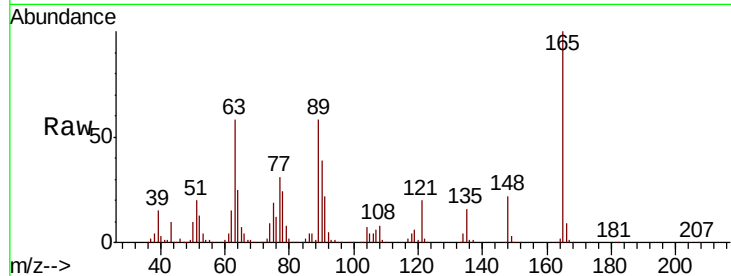




#51
2,6-Dinitrotoluene
Concen: 41.267 ng
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

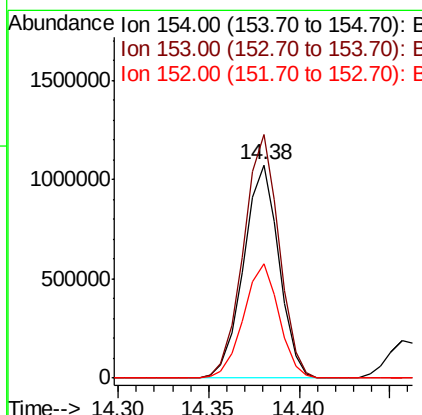
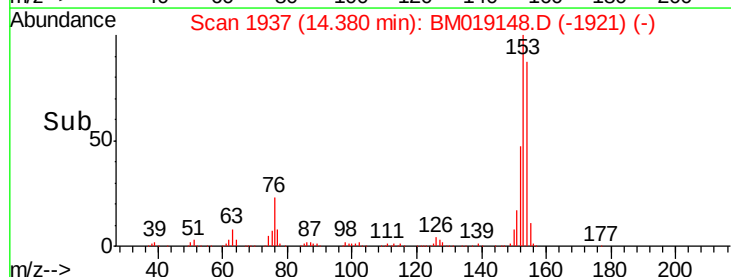
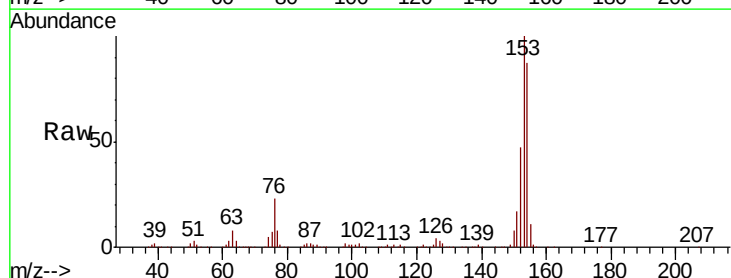
Instrument :
BNA_M
ClientSampleId :
PB117864BS

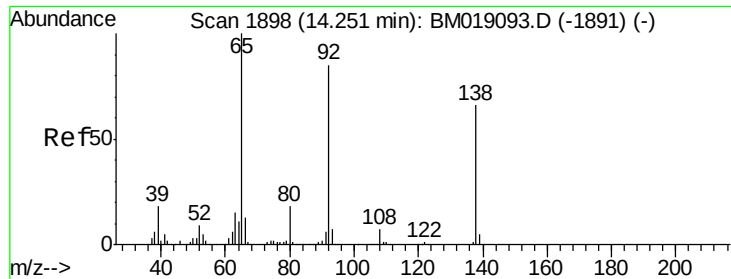
Tot Ion:165 Resp: 451636
Ion Ratio Lower Upper
165 100
63 57.7 48.2 72.4
89 58.2 49.3 73.9



#52
Acenaphthene
Concen: 38.978 ng
RT: 14.38 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:154 Resp: 1460990
Ion Ratio Lower Upper
154 100
153 114.3 90.1 135.1
152 53.7 42.5 63.7





#53

3-Nitroaniline

Concen: 25.871 ng

RT: 14.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

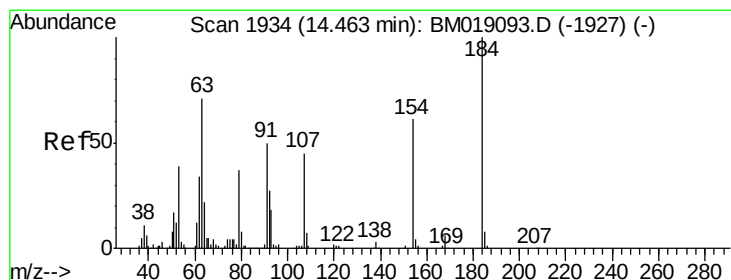
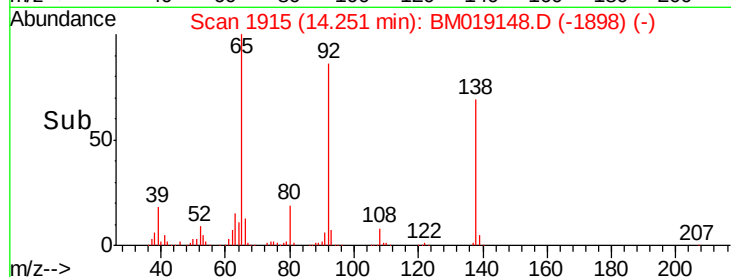
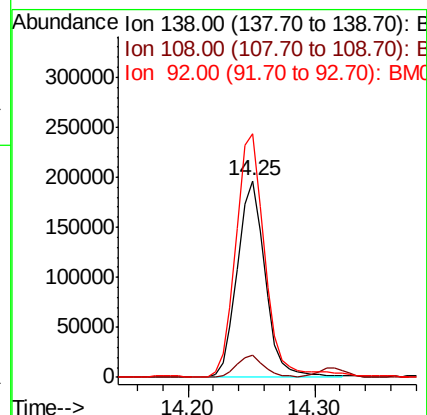
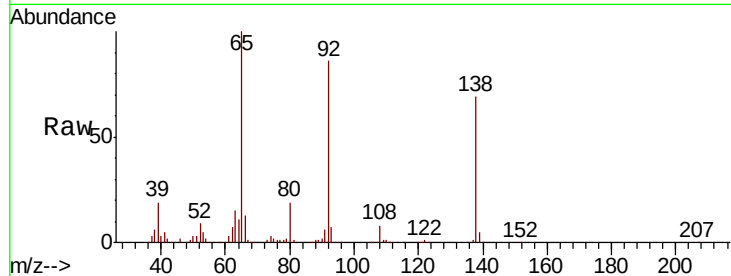
Tot Ion:138 Resp: 299881

Ion Ratio Lower Upper

138 100

108 11.1 9.0 13.4

92 124.0 102.6 153.8



#54

2,4-Dinitrophenol

Concen: 73.051 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

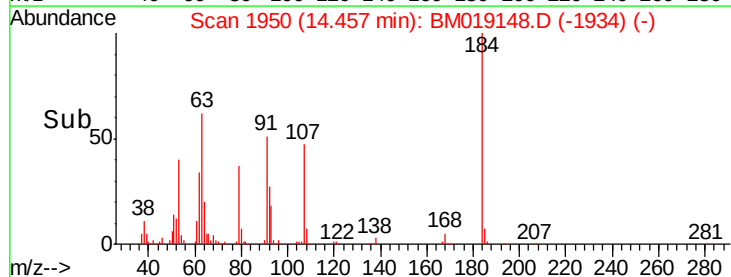
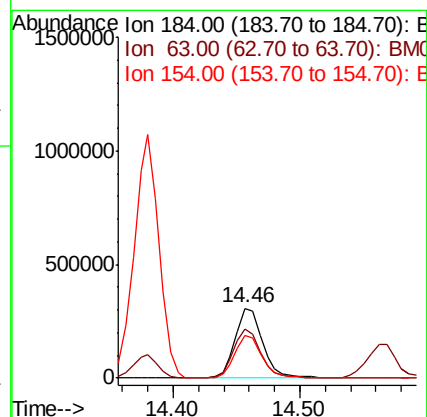
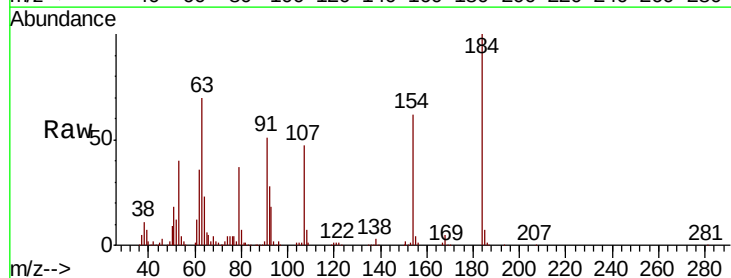
Tgt Ion:184 Resp: 464299

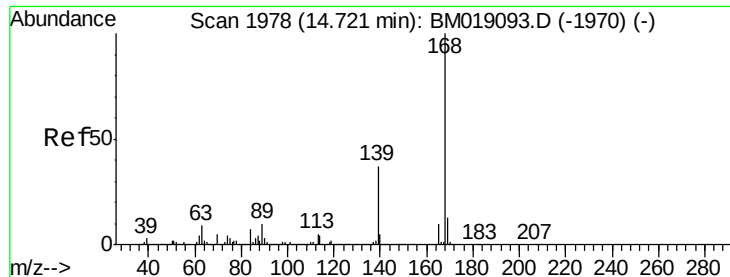
Ion Ratio Lower Upper

184 100

63 70.2 56.7 85.1

154 61.6 49.3 73.9





#55

Dibenzofuran

Concen: 39.853 ng

RT: 14.72 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

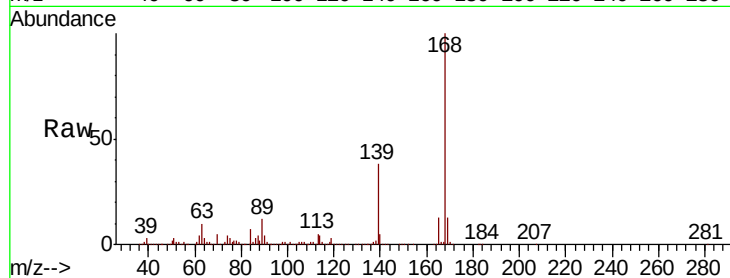
Tot Ion:168 Resp: 2409040

Ion Ratio Lower Upper

168 100

139 37.5 30.1 45.1

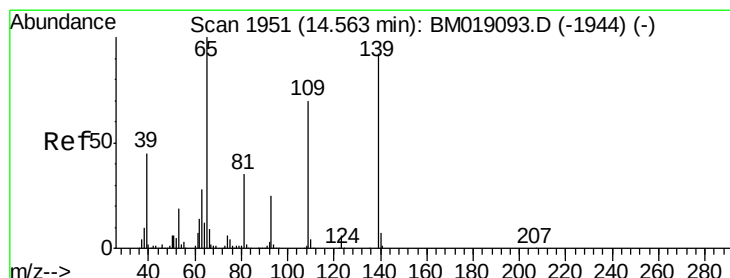
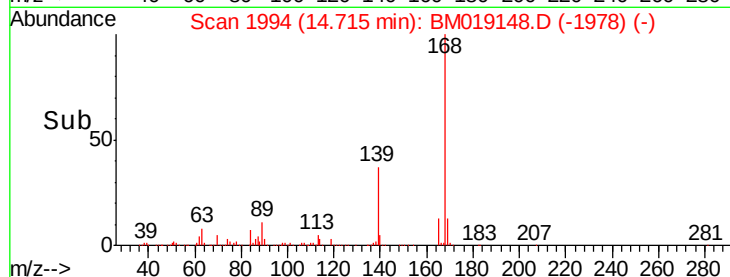
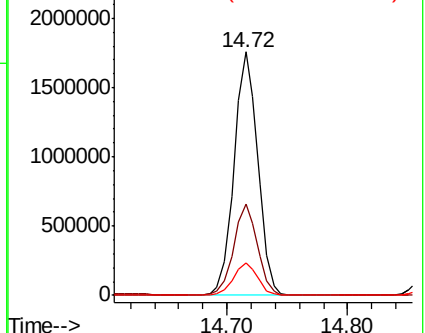
169 13.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.328 ng

RT: 14.57 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

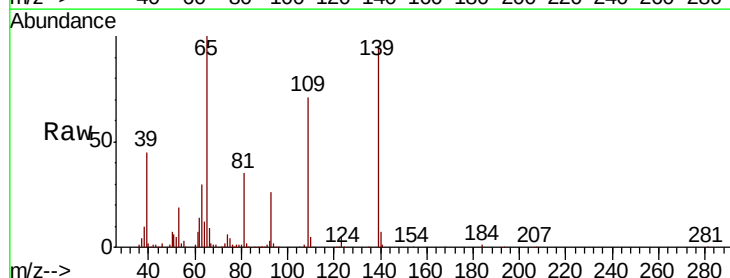
Tgt Ion:139 Resp: 750760

Ion Ratio Lower Upper

139 100

109 74.4 56.3 96.3

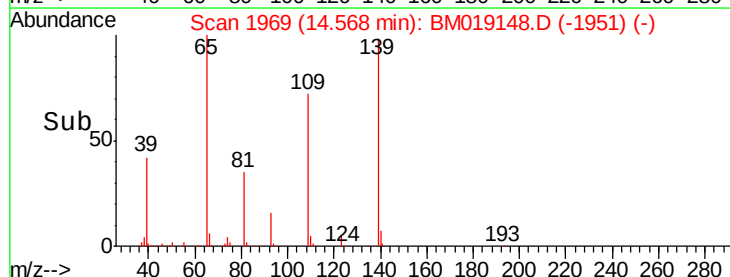
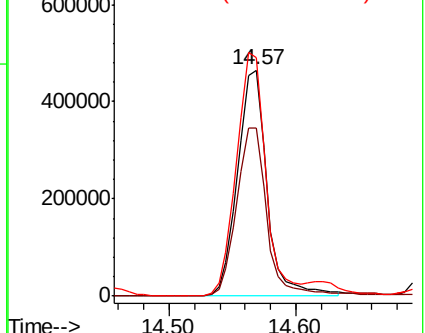
65 105.3 89.2 129.2

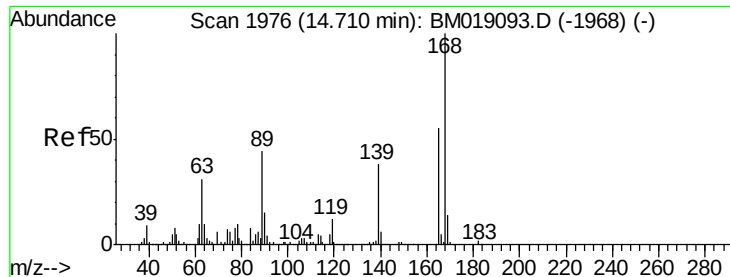


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

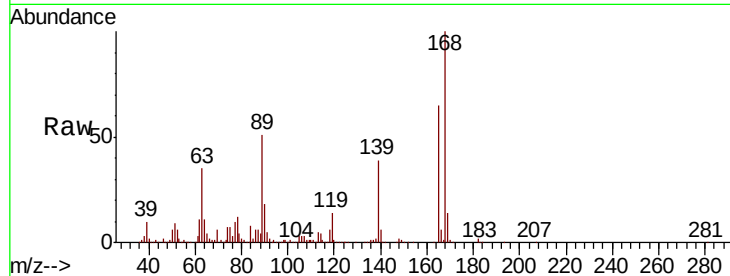




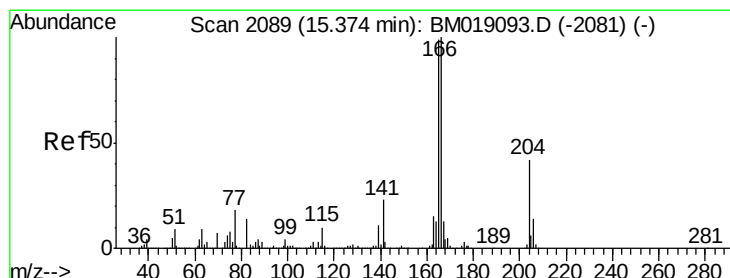
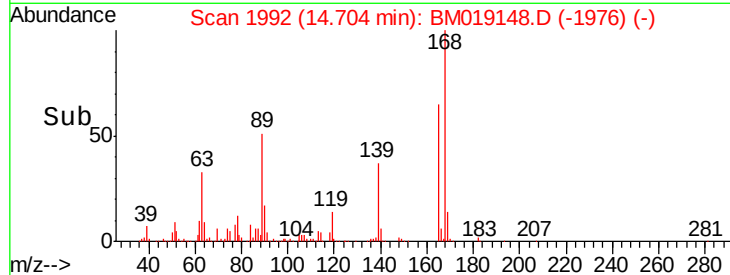
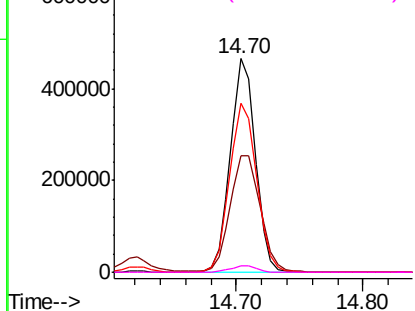
#57
 2,4-Dinitrotoluene
 Concen: 39.954 ng
 RT: 14.70 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Instrument :
 BNA_M
 ClientSampleId :
 PB117864BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.7	44.7	67.1
89	79.0	63.4	95.2
182	2.8	2.3	3.5

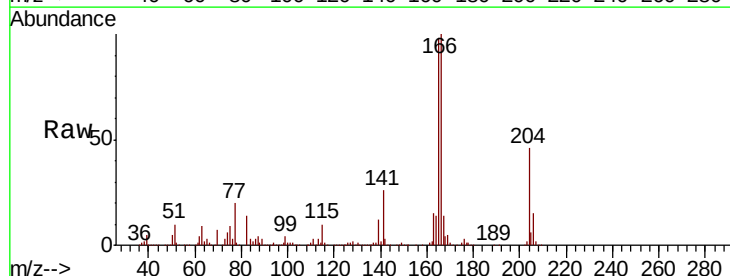


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

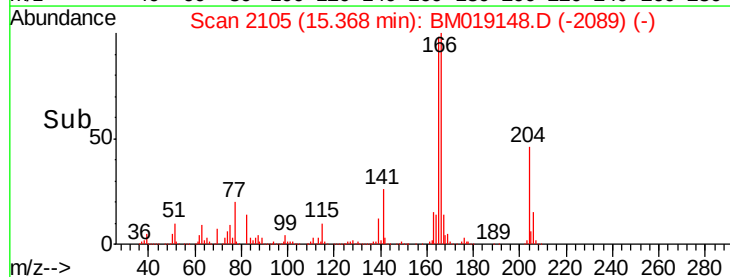
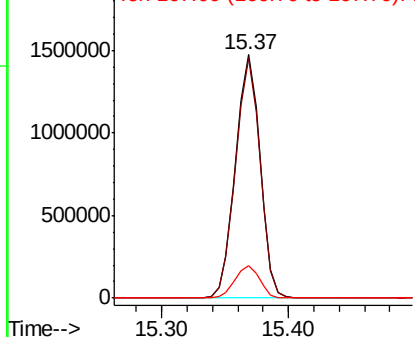


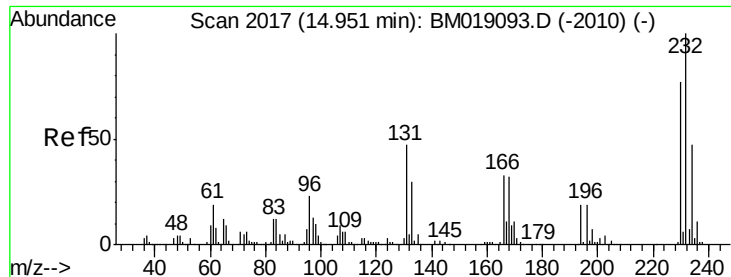
#58
 Fluorene
 Concen: 39.661 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.4
167	13.5	10.8	16.2



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

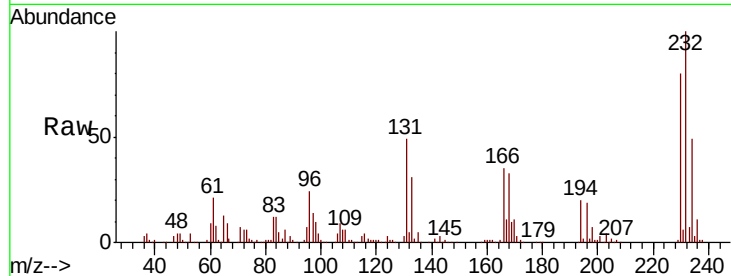




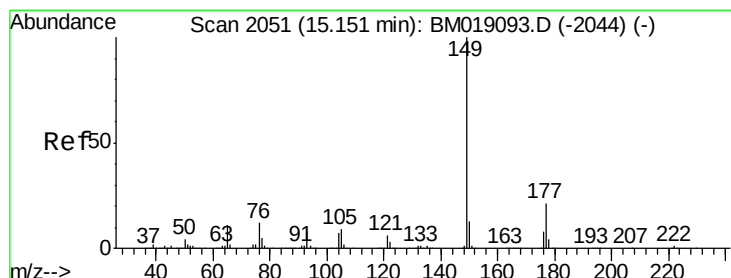
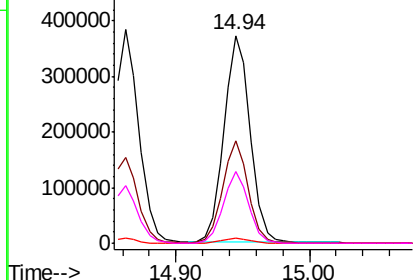
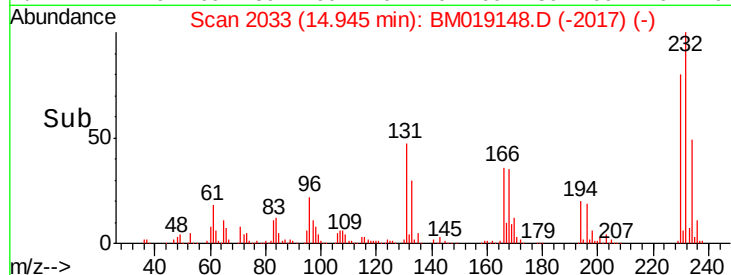
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.591 ng
RT: 14.94 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion:232 Resp: 512964
Ion Ratio Lower Upper
232 100
131 48.0 38.2 57.2
130 2.5 1.9 2.9
166 34.2 27.0 40.4

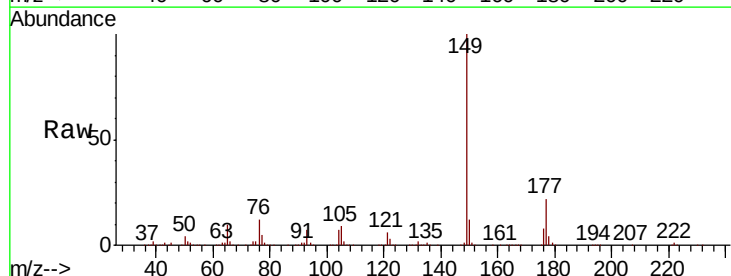


Abundance Ion 232.00 (231.70 to 232.70): E
600000
Ion 131.00 (130.70 to 131.70): E
500000
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

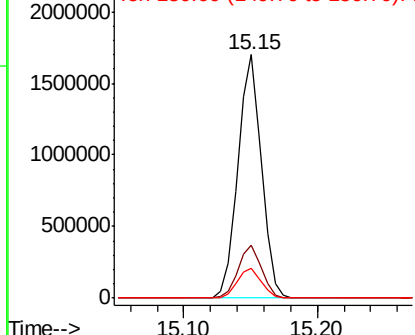
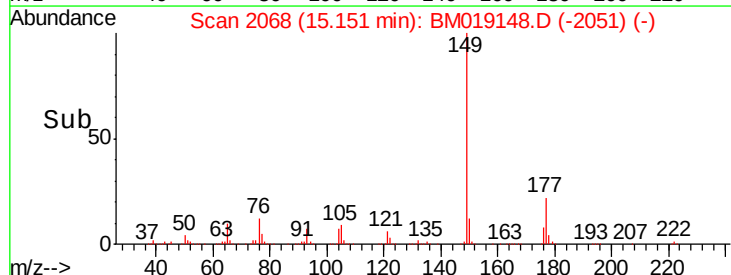


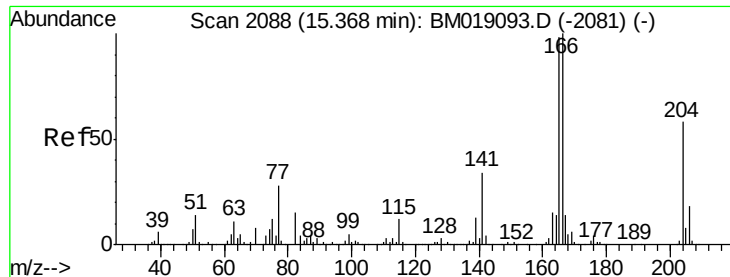
#60
Diethylphthalate
Concen: 40.536 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:149 Resp: 2078493
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.6
150 12.3 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

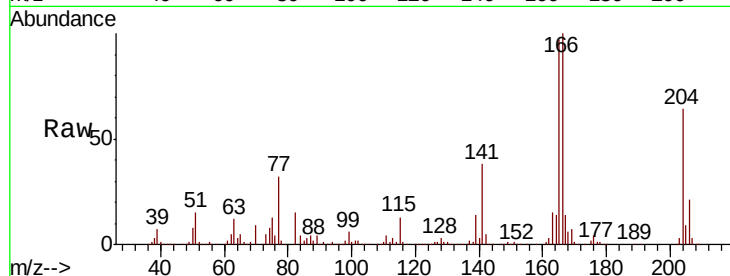




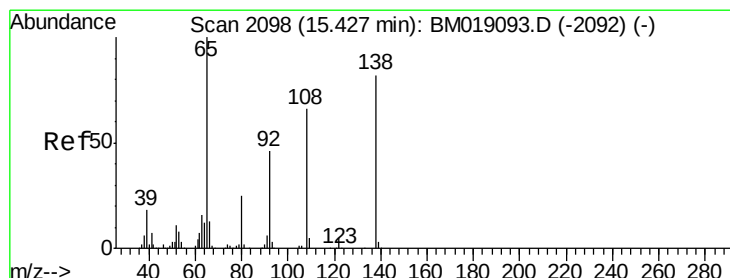
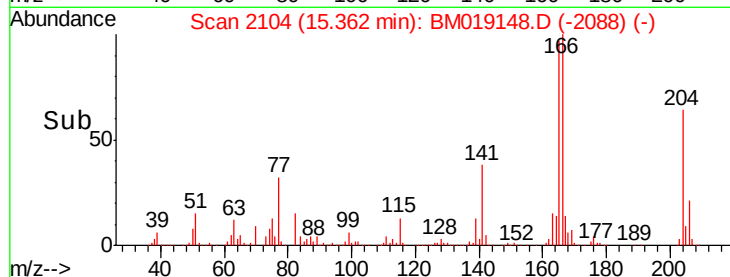
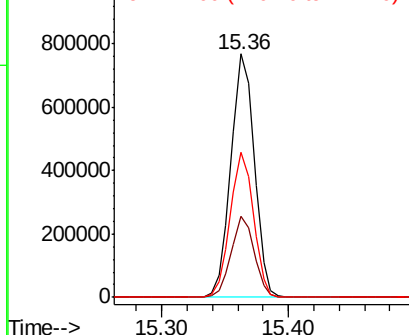
#61
 4-Chlorophenyl-phenylether
 Concen: 40.564 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Instrument :
 BNA_M
 ClientSampleId :
 PB117864BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.5	38.3
141	59.7	47.8	71.8

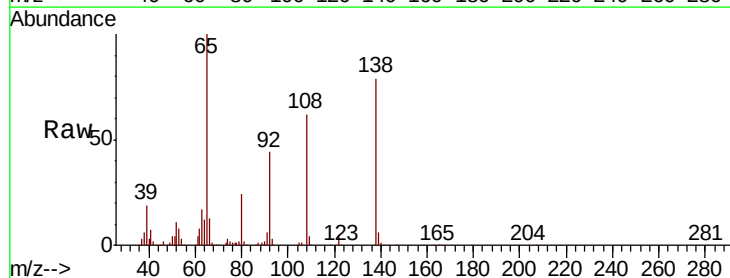


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

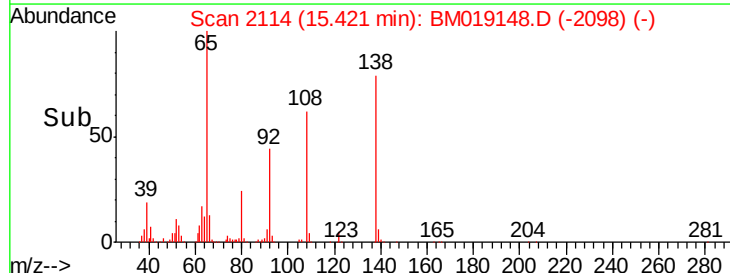
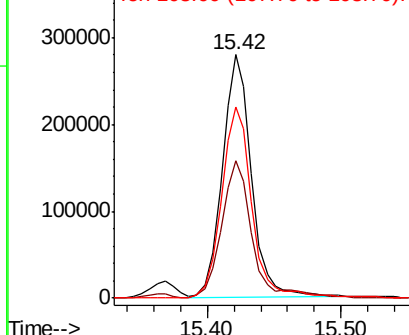


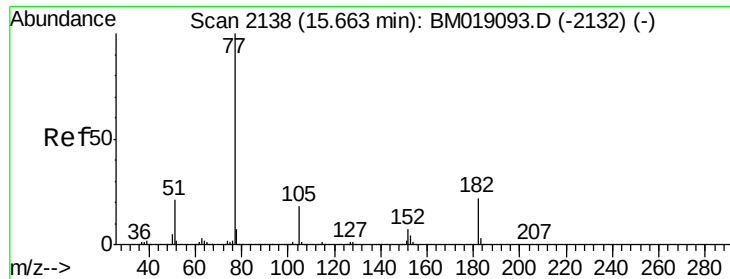
#62
 4-Nitroaniline
 Concen: 36.206 ng
 RT: 15.42 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	36.2	76.2
108	78.5	59.7	99.7



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



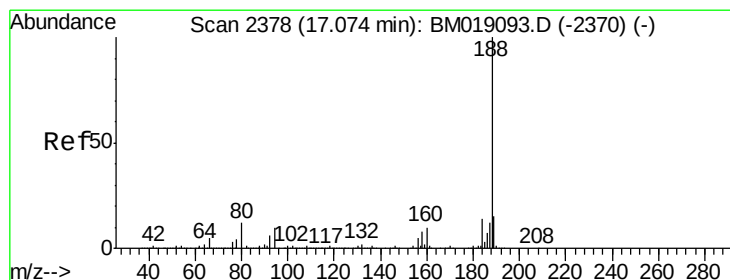
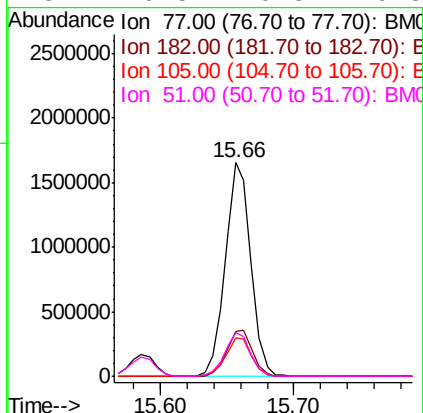
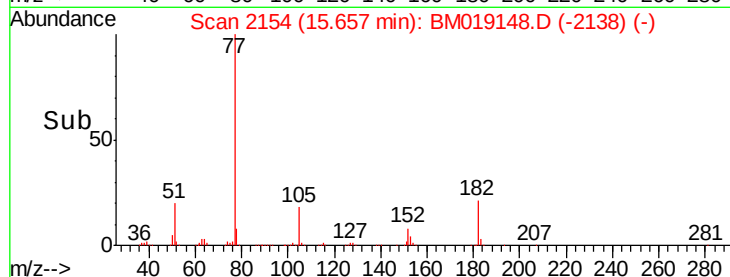
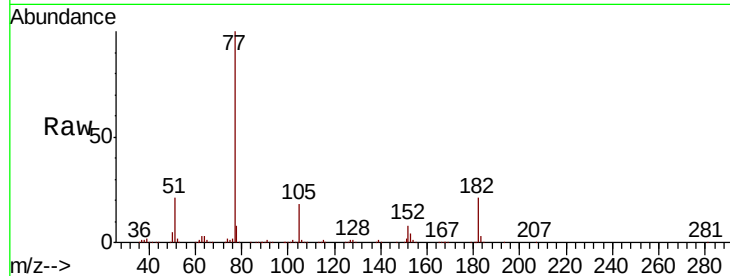


#63
Azobenzene
Concen: 40.846 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion: 77 Resp: 2203898

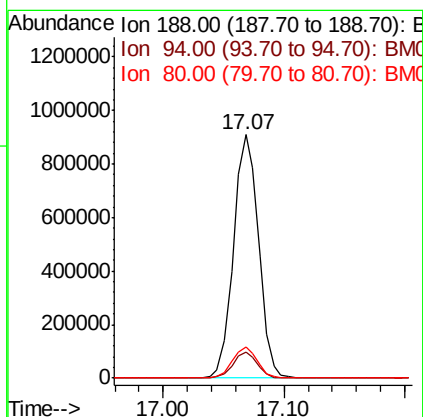
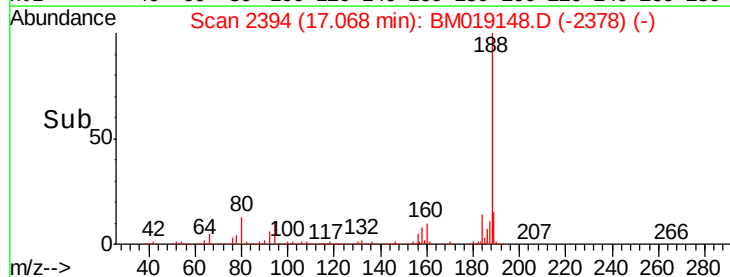
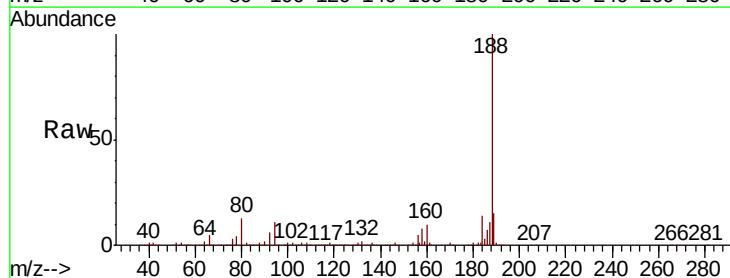
Ion	Ratio	Lower	Upper
77	100		
182	21.2	1.8	41.8
105	17.8	0.0	38.3
51	20.5	0.8	40.8

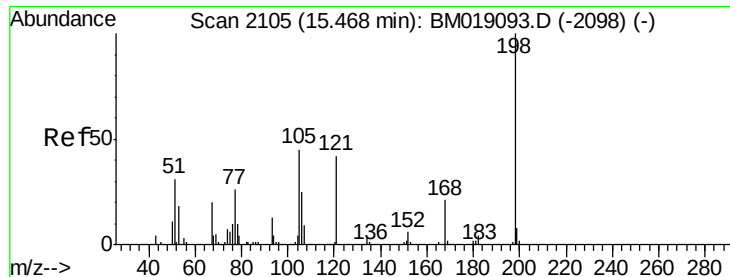


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion: 188 Resp: 1315300

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	12.8	9.7	14.5

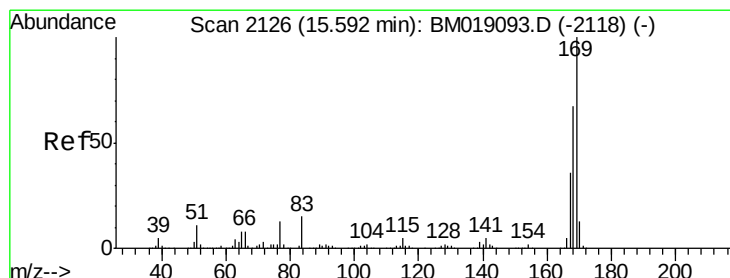
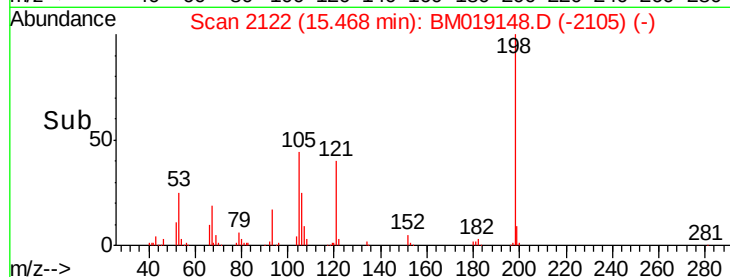
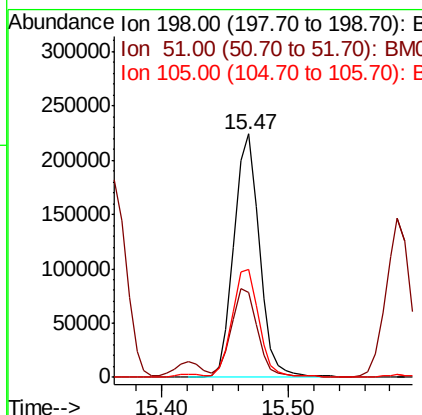
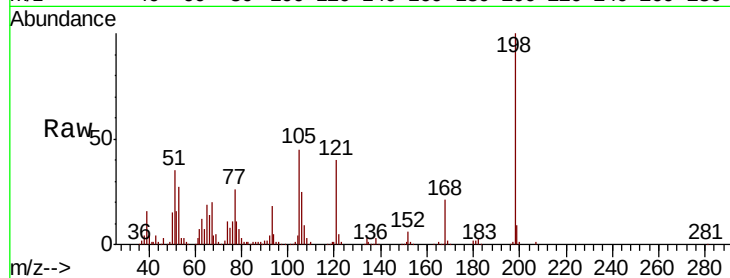




#65
4,6-Dinitro-2-methylphenol
Concen: 36.315 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

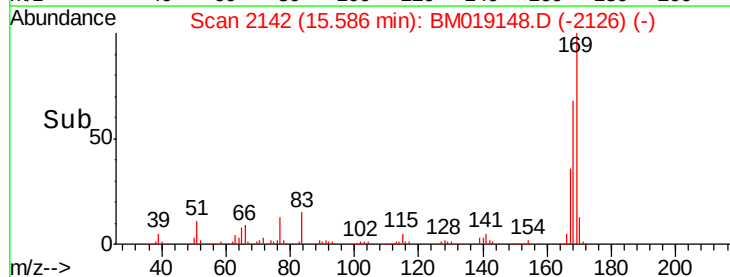
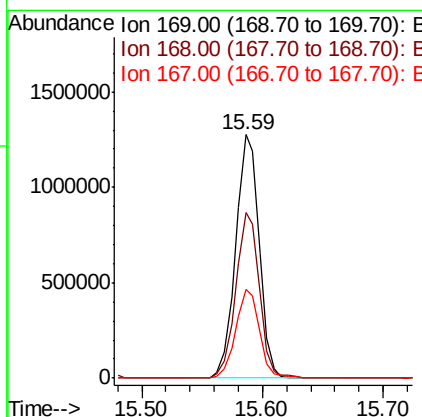
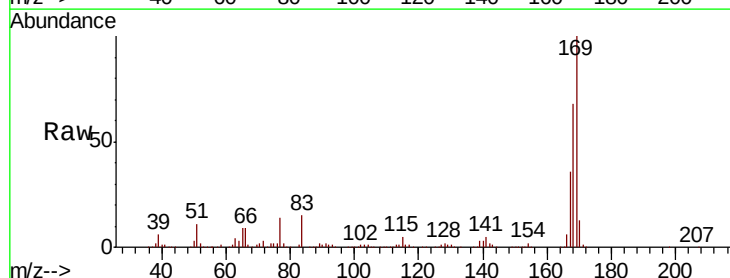
Instrument :
BNA_M
ClientSampleId :
PB117864BS

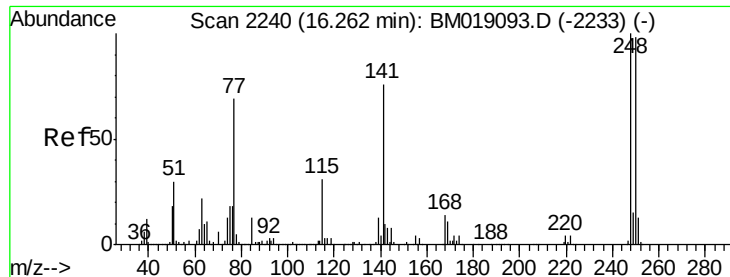
Tot Ion:198 Resp: 313003
Ion Ratio Lower Upper
198 100
51 35.0 17.3 57.3
105 44.5 26.2 66.2



#66
n-Nitrosodiphenylamine
Concen: 41.208 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:169 Resp: 1725554
Ion Ratio Lower Upper
169 100
168 68.1 53.9 80.9
167 36.4 28.8 43.2

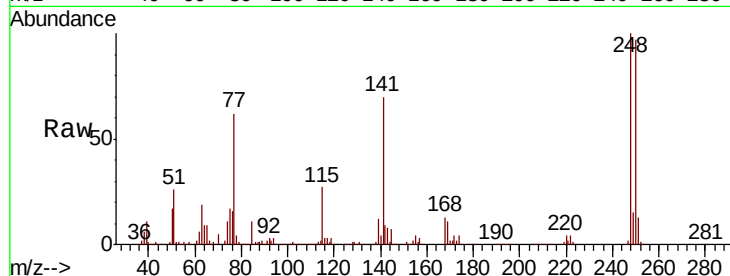




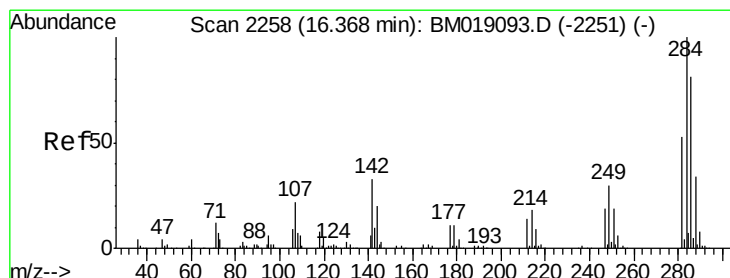
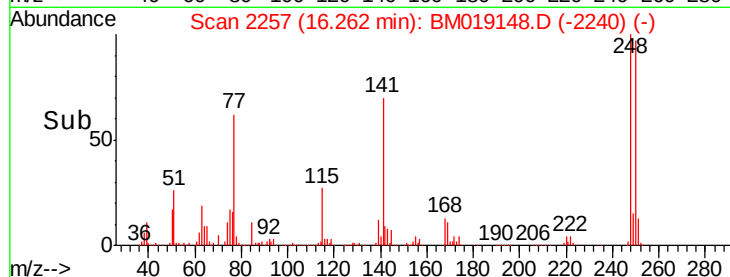
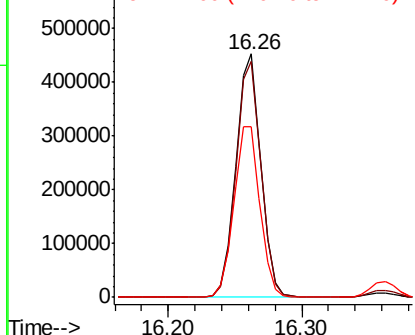
#67
 4-Bromophenyl-phenylether
 Concen: 40.528 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Instrument :
 BNA_M
 ClientSampleId :
 PB117864BS

Tot Ion:248 Resp: 587831
 Ion Ratio Lower Upper
 248 100
 250 97.1 78.0 117.0
 141 69.8 61.0 91.4

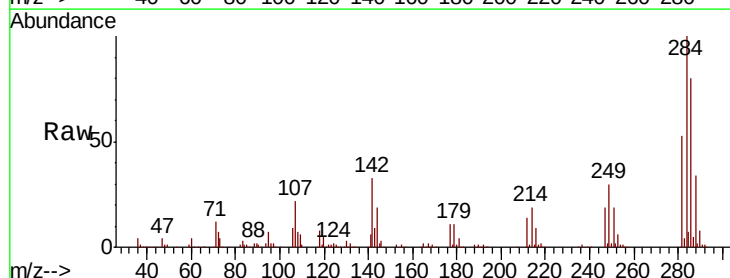


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

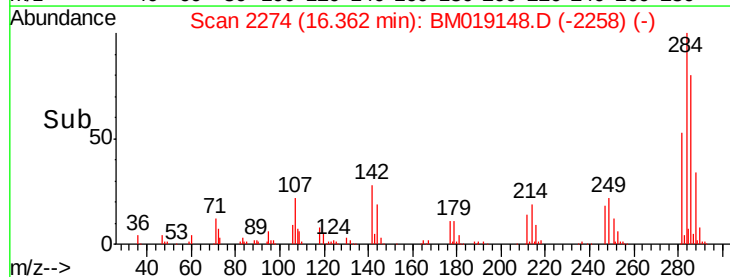
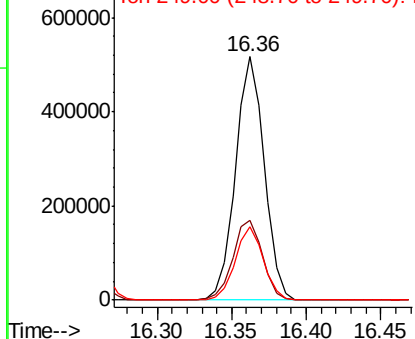


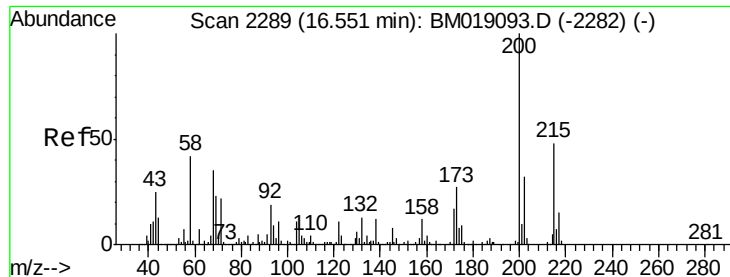
#68
 Hexachlorobenzene
 Concen: 40.186 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM019148.D
 Acq: 13 Mar 2019 16:27

Tgt Ion:284 Resp: 692967
 Ion Ratio Lower Upper
 284 100
 142 32.9 26.3 39.5
 249 30.2 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.056 ng

RT: 16.54 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

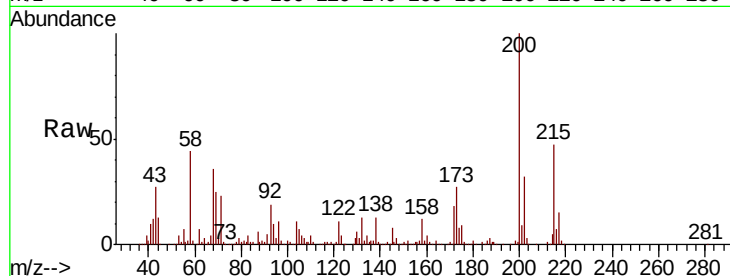
Tot Ion:200 Resp: 592825

Ion Ratio Lower Upper

200 100

173 27.3 7.0 47.0

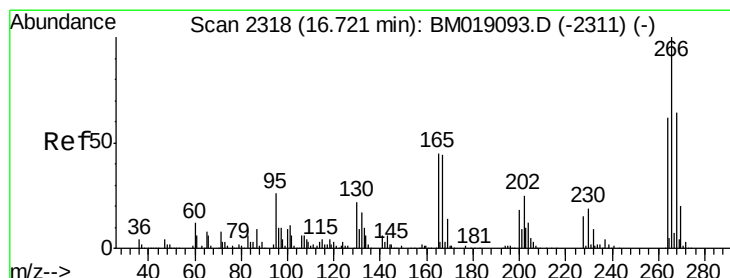
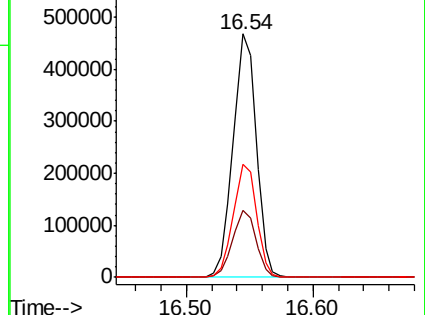
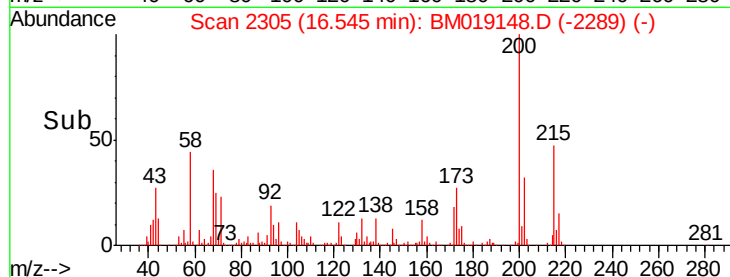
215 46.5 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 80.001 ng

RT: 16.72 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

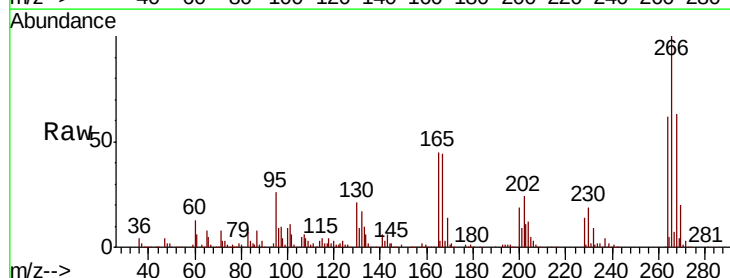
Tgt Ion:266 Resp: 831157

Ion Ratio Lower Upper

266 100

268 63.1 51.3 76.9

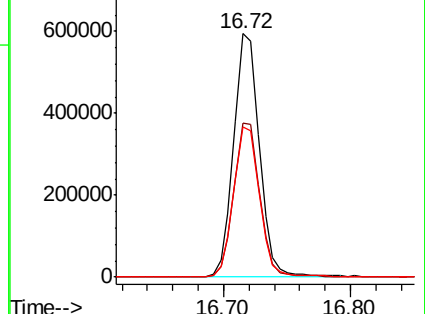
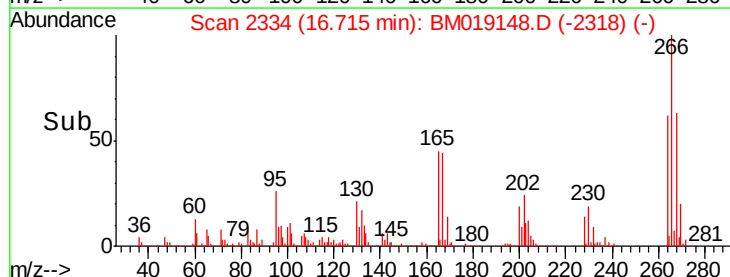
264 61.9 50.0 75.0

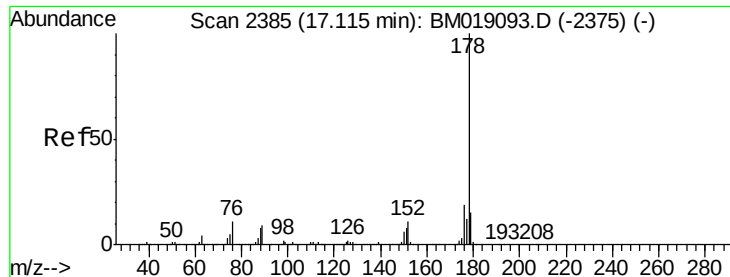


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

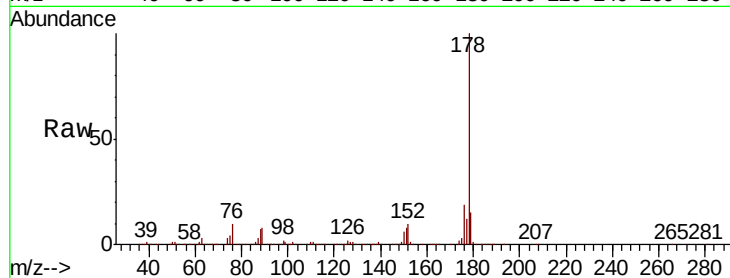




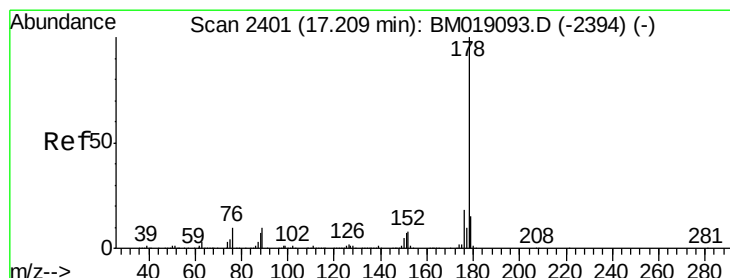
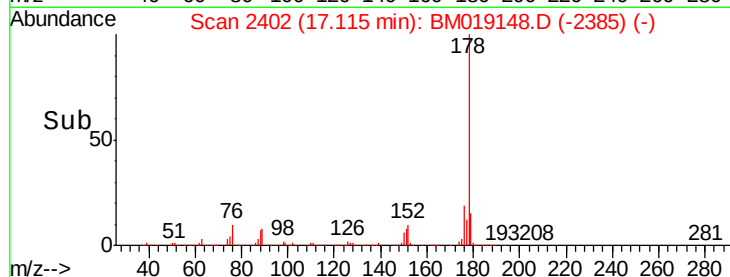
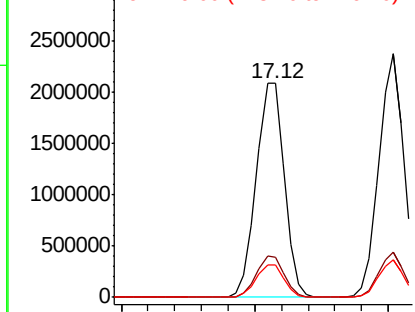
#71
Phenanthrene
Concen: 39.375 ng
RT: 17.12 min Scan# 2402
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion:178 Resp: 3035587
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 14.9 12.2 18.2

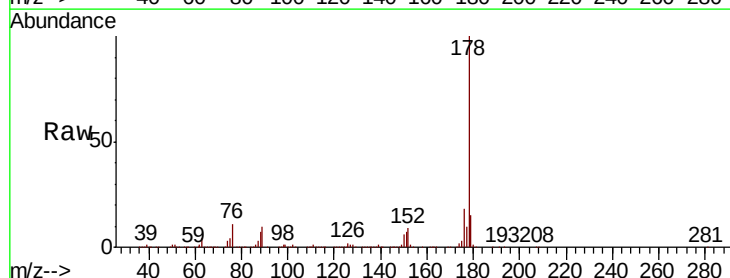


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

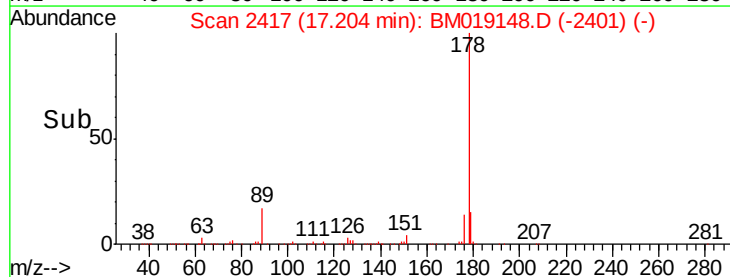
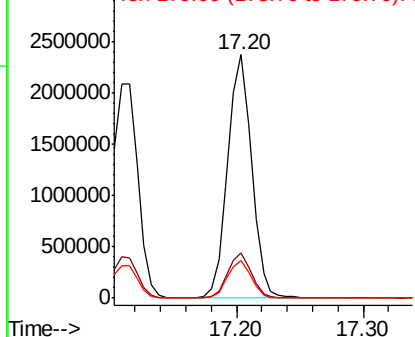


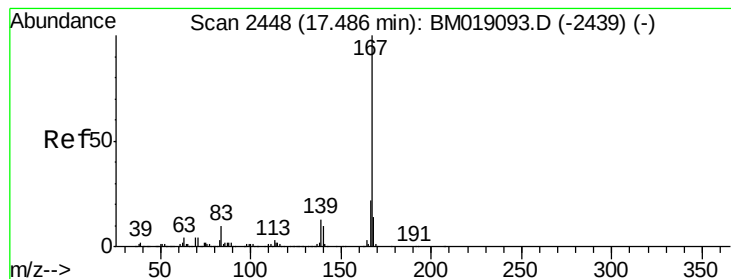
#72
Anthracene
Concen: 40.845 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:178 Resp: 3082635
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.2 11.9 17.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.774 ng

RT: 17.49 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

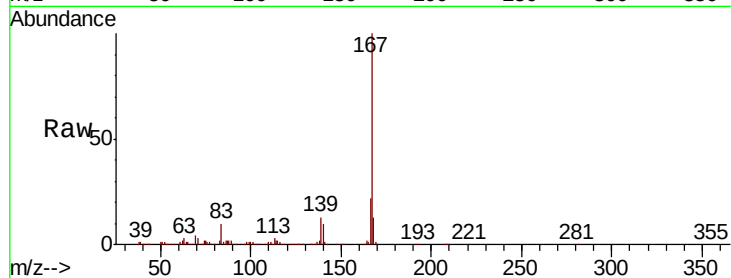
Tot Ion:167 Resp: 2833237

Ion Ratio Lower Upper

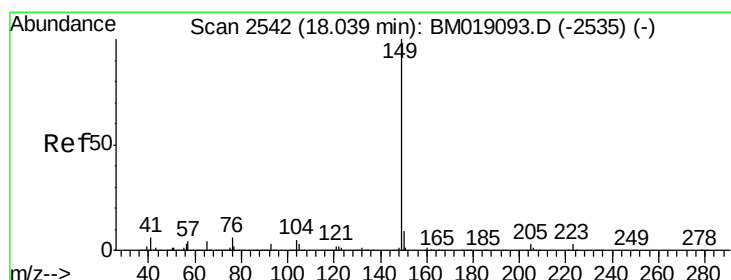
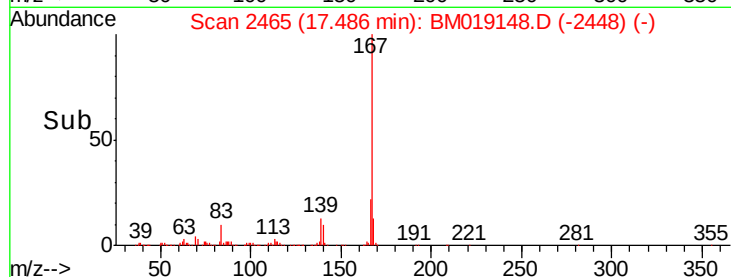
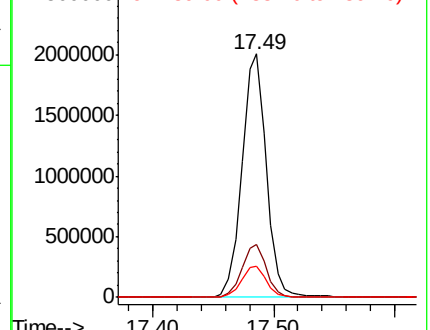
167 100

166 21.6 17.8 26.8

139 12.8 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.354 ng

RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

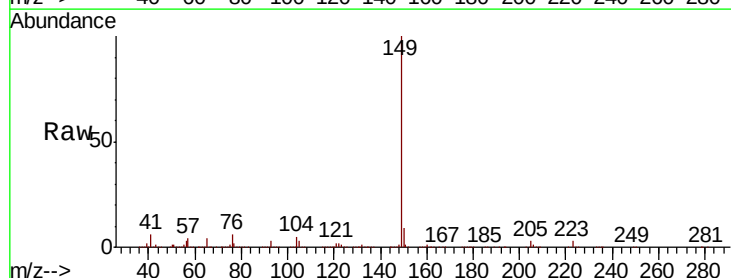
Tgt Ion:149 Resp: 3562166

Ion Ratio Lower Upper

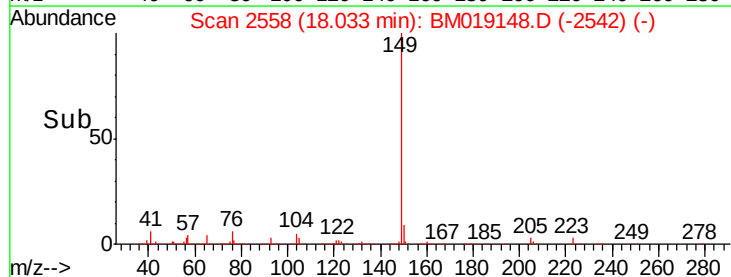
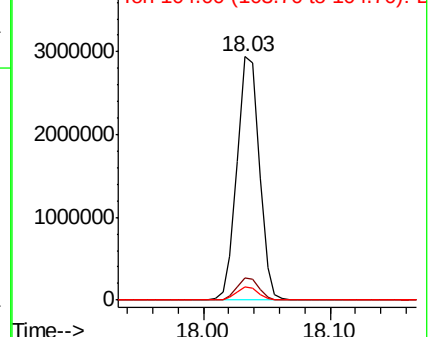
149 100

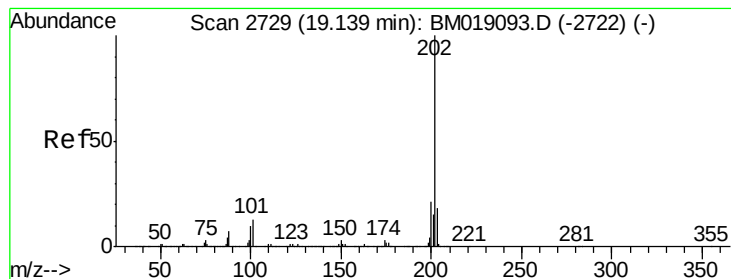
150 9.3 7.4 11.0

104 5.4 4.2 6.4



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





#75

Fluoranthene

Concen: 38.762 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

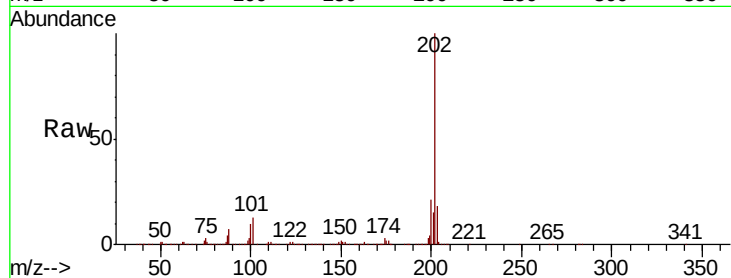
Tot Ion:202 Resp: 3429002

Ion Ratio Lower Upper

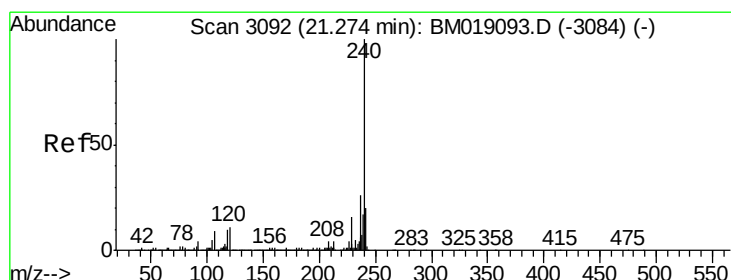
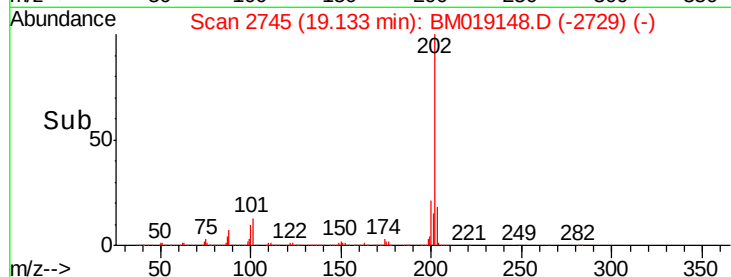
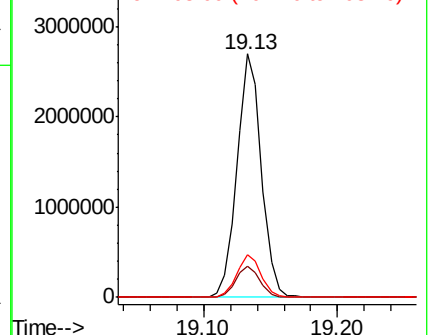
202 100

101 12.7 0.0 33.0

203 17.7 0.0 37.8



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: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

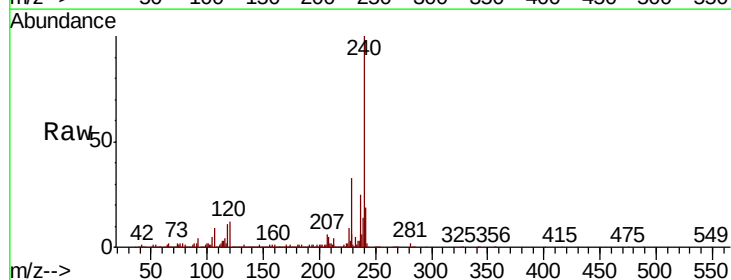
Tgt Ion:240 Resp: 1326598

Ion Ratio Lower Upper

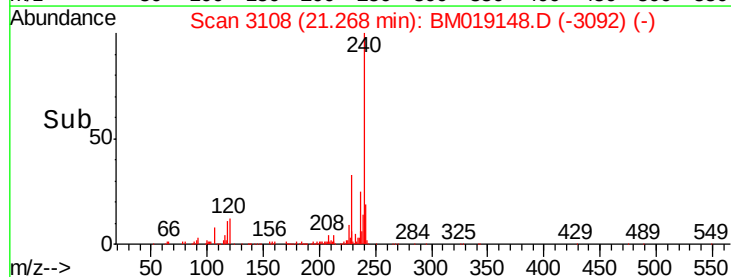
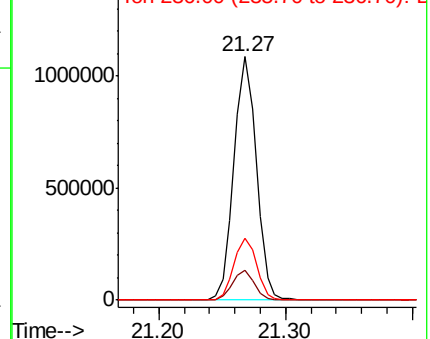
240 100

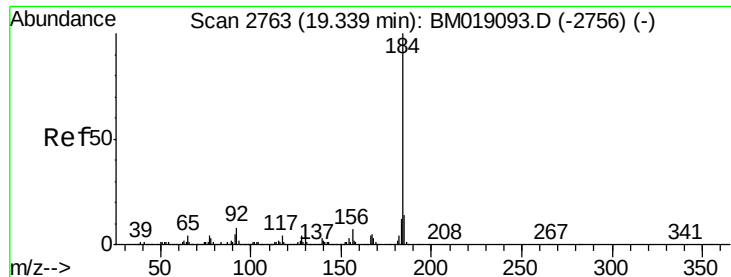
120 12.1 8.9 13.3

236 25.5 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

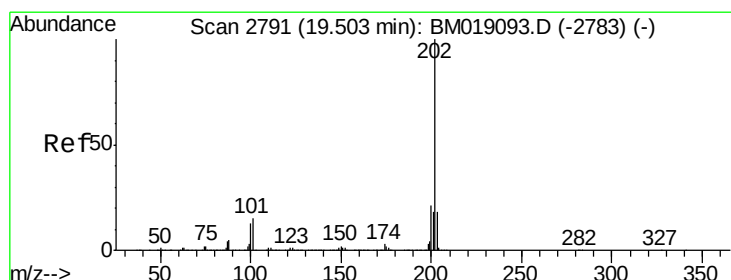
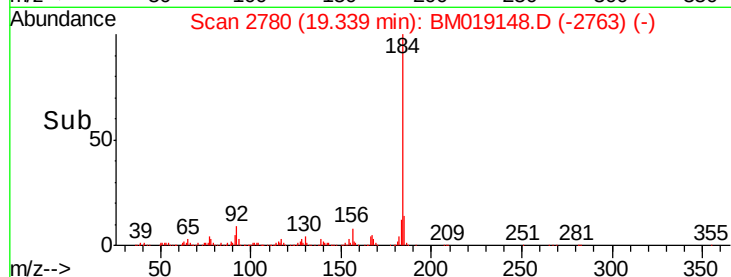
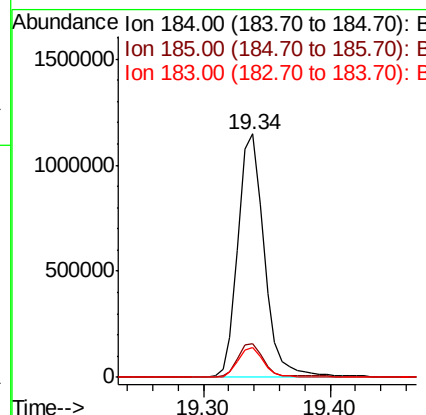
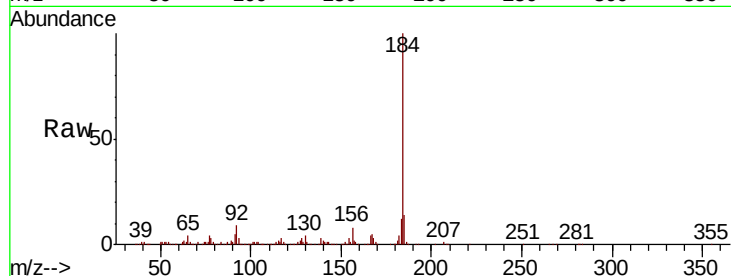




#77
Benzidine
Concen: 43.749 ng
RT: 19.34 min Scan# 2780
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

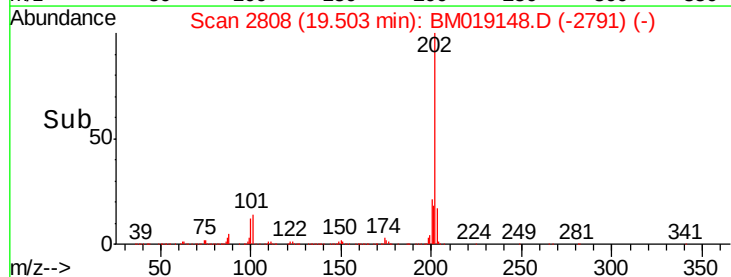
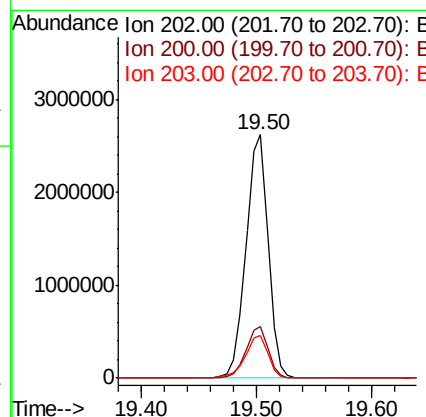
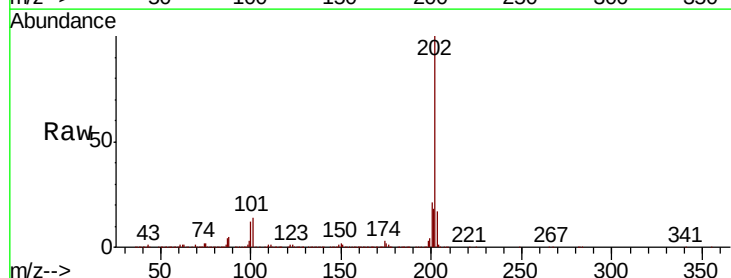
Instrument :
BNA_M
ClientSampleId :
PB117864BS

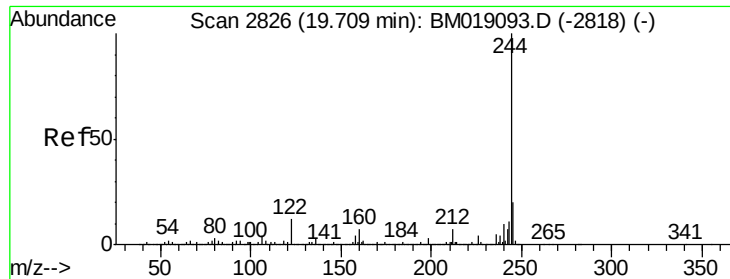
Tot Ion:184 Resp: 1645957
Ion Ratio Lower Upper
184 100
185 13.9 11.0 16.4
183 12.0 9.8 14.6



#78
Pyrene
Concen: 41.532 ng
RT: 19.50 min Scan# 2808
Delta R.T. -0.00 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:202 Resp: 3486002
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.3 14.0 21.0





#79

Terphenyl-d14

Concen: 81.563 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

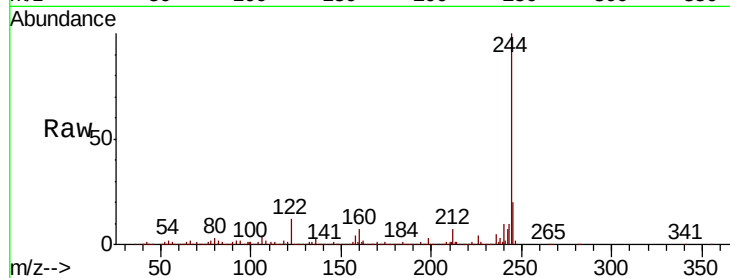
Tot Ion:244 Resp: 5450369

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

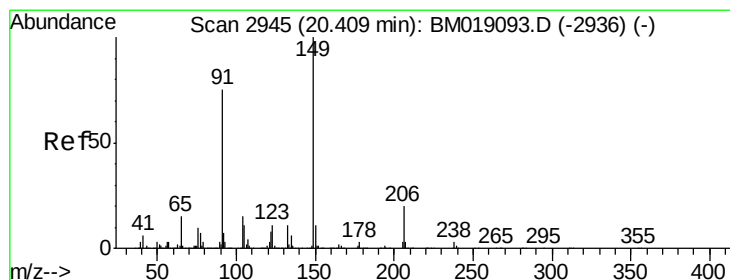
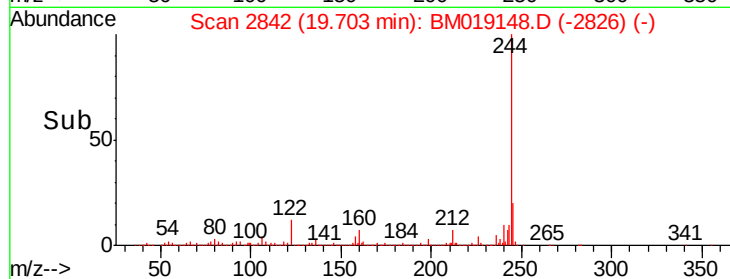
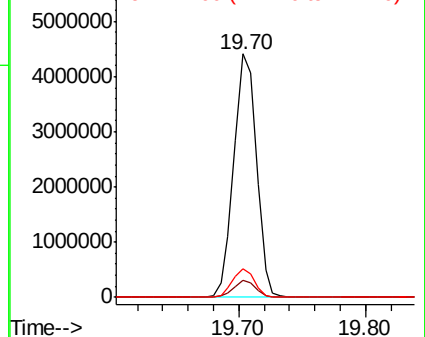
122 11.8 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.089 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

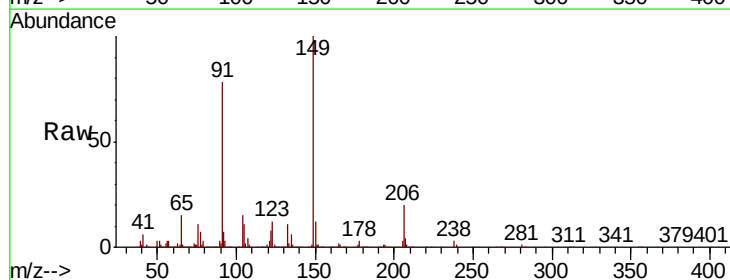
Tgt Ion:149 Resp: 1684963

Ion Ratio Lower Upper

149 100

91 77.5 60.1 90.1

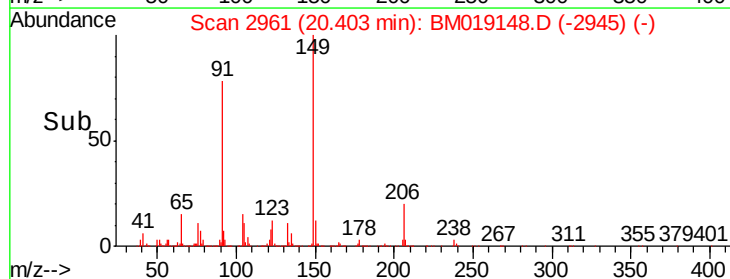
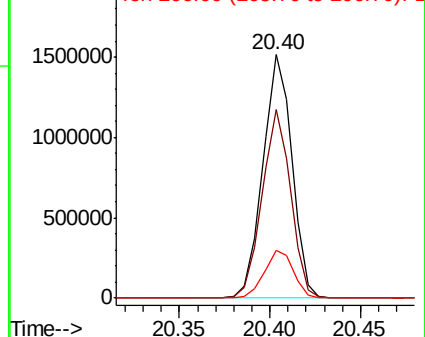
206 19.8 16.2 24.2

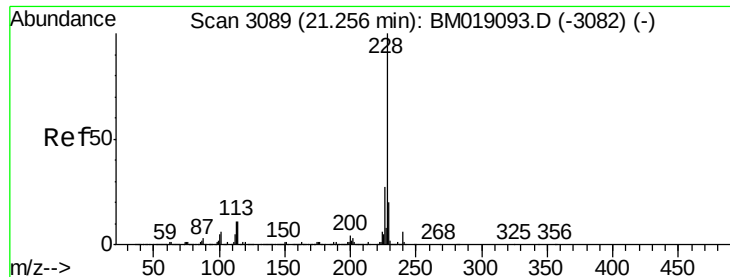


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.301 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

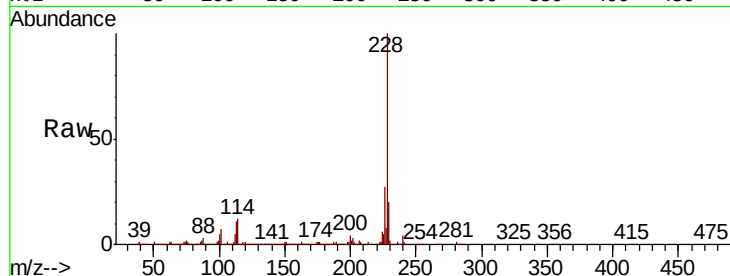
BNA_M

ClientSampleId :

PB117864BS

Tot Ion:228 Resp: 3187665

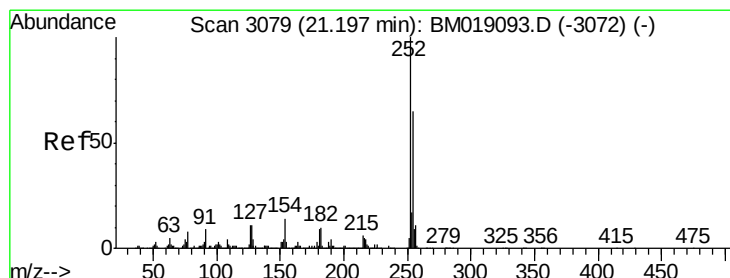
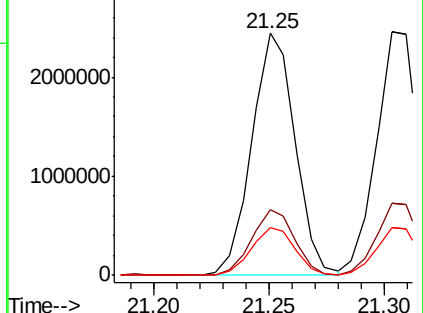
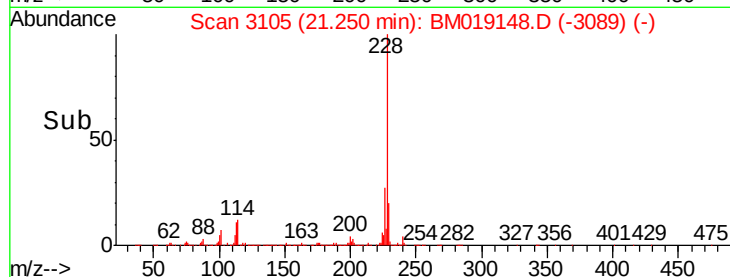
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.8	15.8	23.6



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: 28.052 ng

RT: 21.19 min Scan# 3095

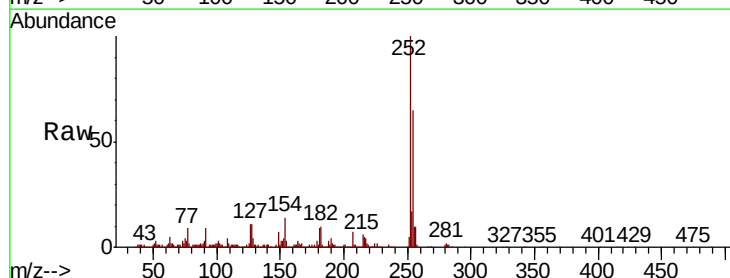
Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion:252 Resp: 899383

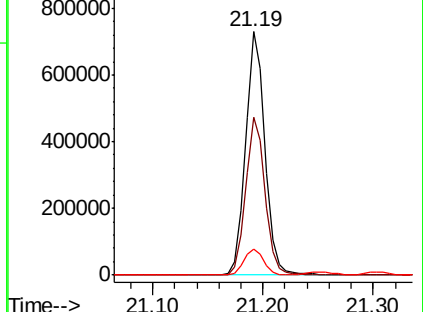
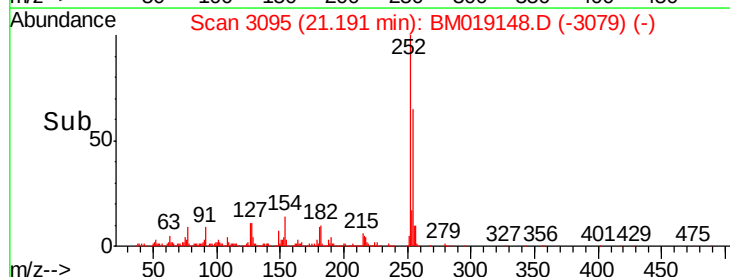
Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.4	78.6
126	10.8	9.0	13.6

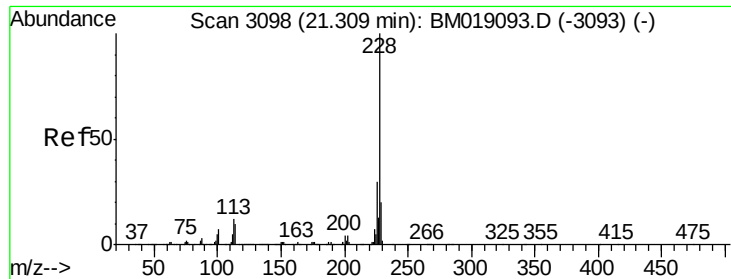


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.665 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

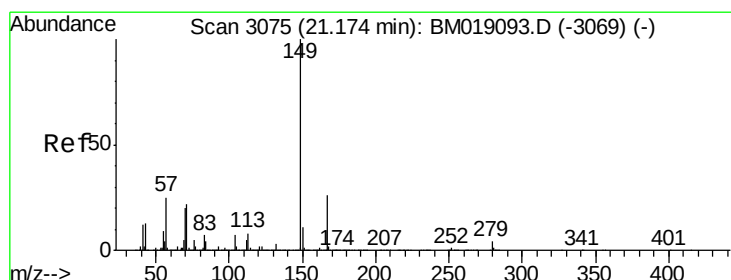
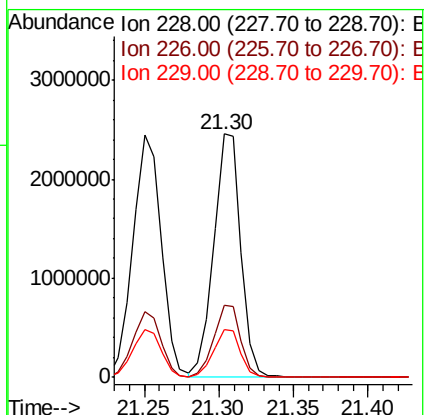
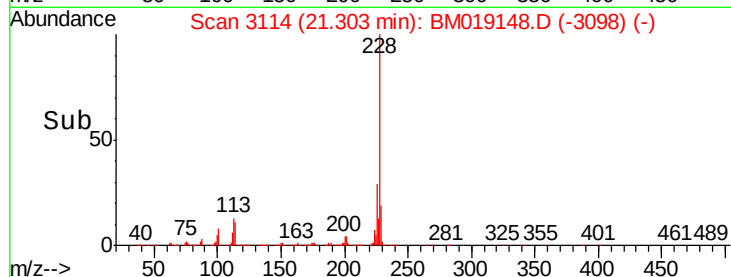
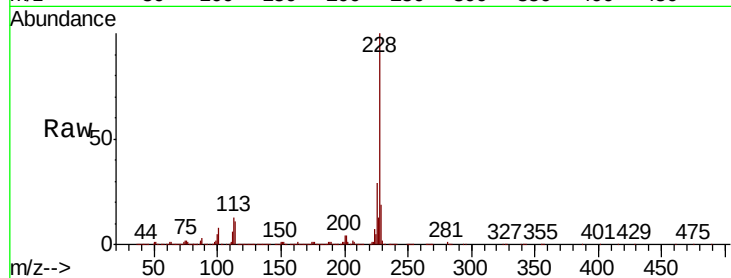
BNA_M

ClientSampleId :

PB117864BS

Tot Ion:228 Resp: 3113152

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	19.5	15.7	23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.702 ng

RT: 21.17 min Scan# 3092

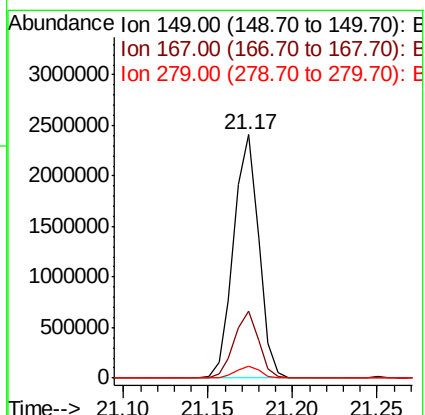
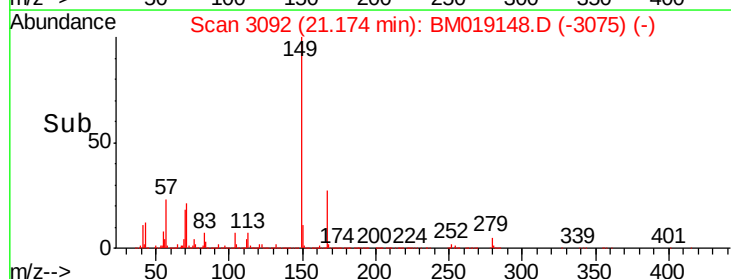
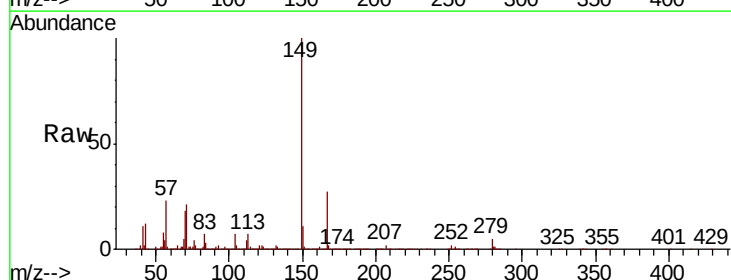
Delta R.T. -0.00 min

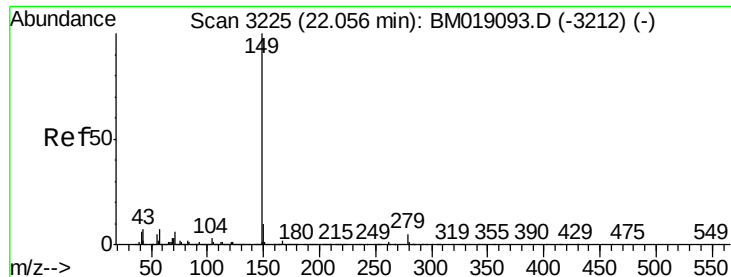
Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion:149 Resp: 2483932

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.1	31.7
279	4.6	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 46.052 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

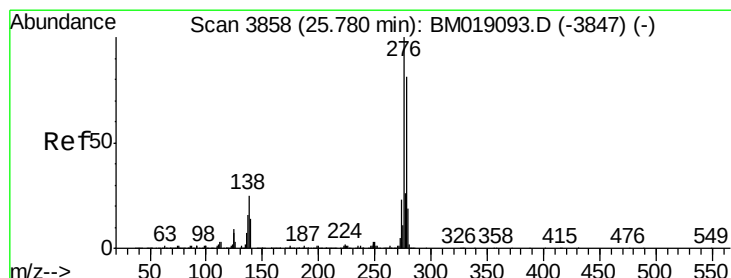
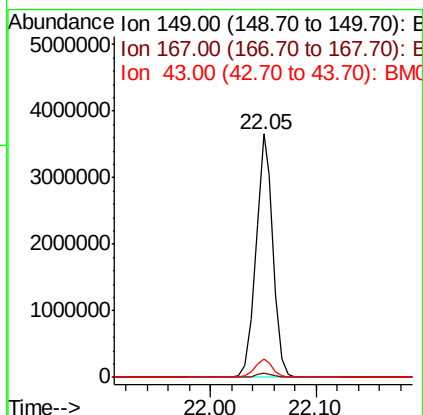
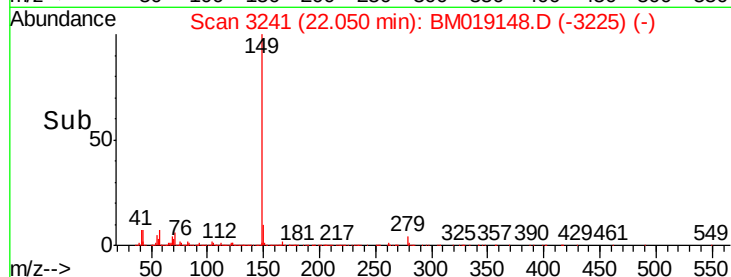
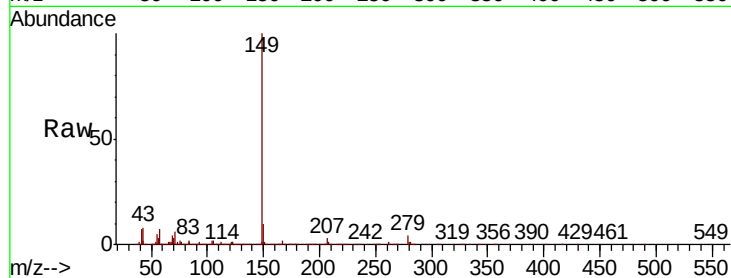
Tot Ion:149 Resp: 4124464

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.5 6.1 9.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.032 ng

RT: 25.77 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

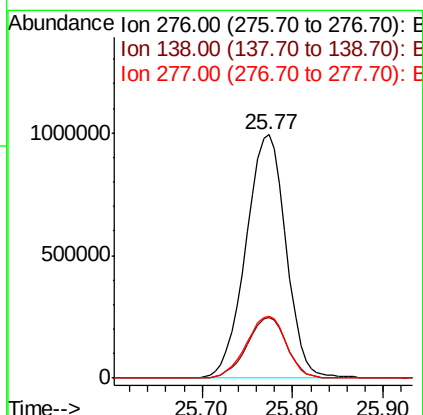
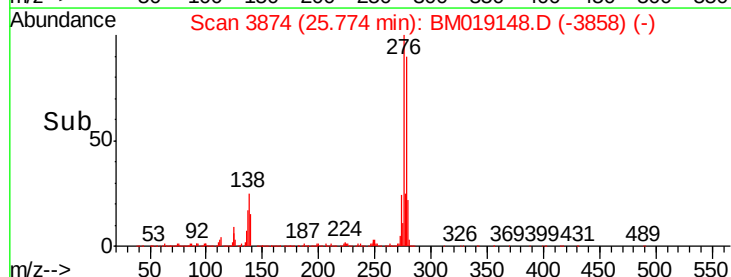
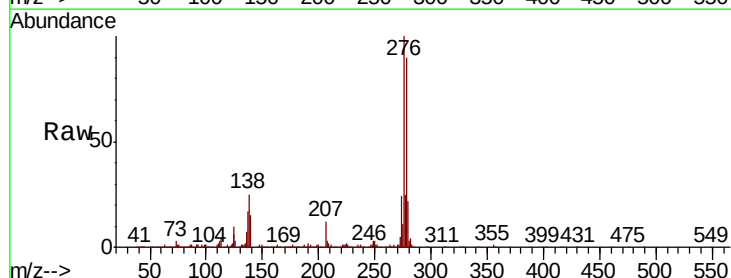
Tgt Ion:276 Resp: 3036345

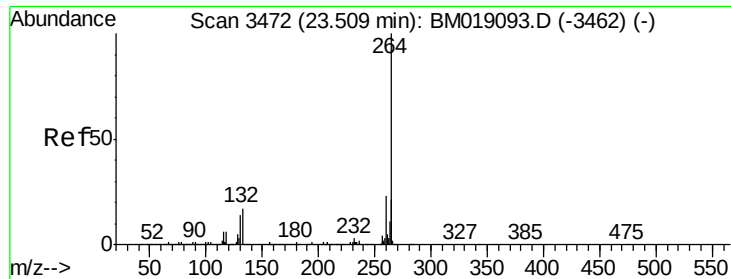
Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

277 25.6 20.3 30.5



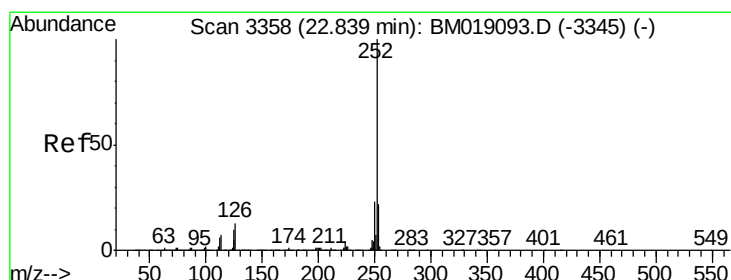
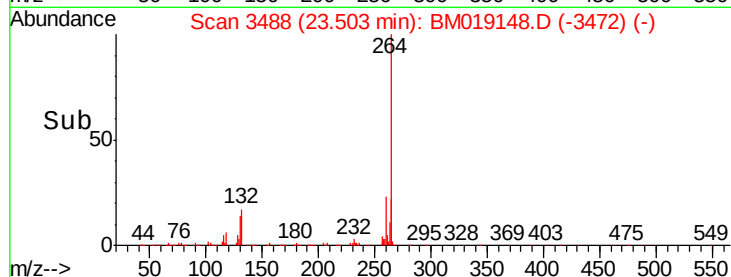
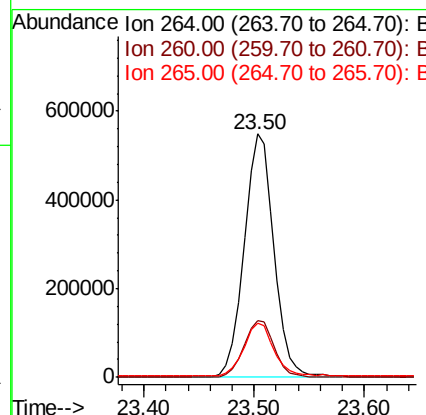
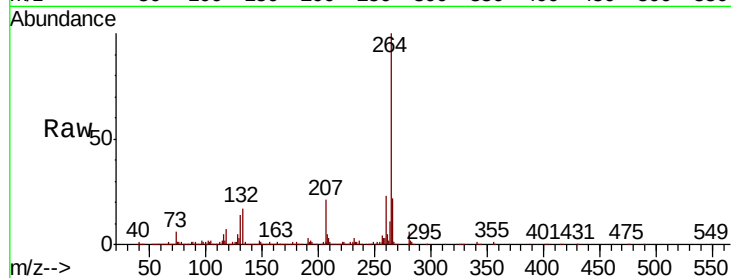


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Instrument :
BNA_M
ClientSampleId :
PB117864BS

Tot Ion:264 Resp: 1039906

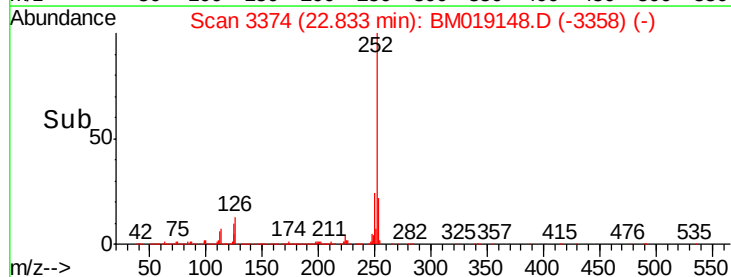
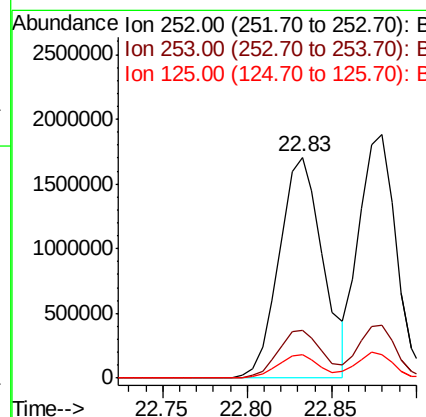
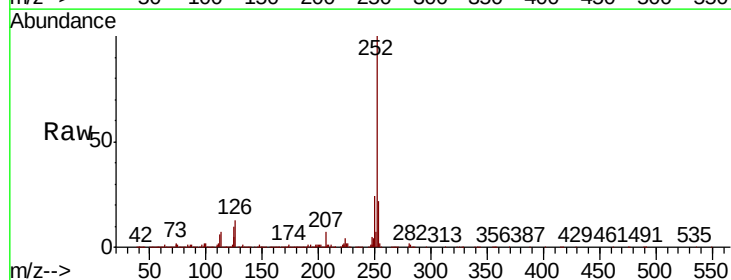
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.3	17.3	25.9

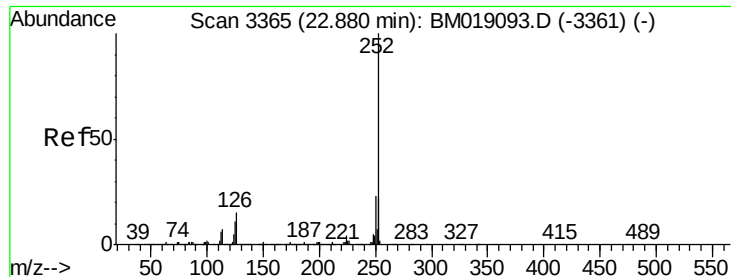


#88
Benzo(b)fluoranthene
Concen: 45.382 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM019148.D
Acq: 13 Mar 2019 16:27

Tgt Ion:252 Resp: 3057985

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.4	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 46.154 ng

RT: 22.88 min Scan# 3382

Delta R.T. -0.00 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

BNA_M

ClientSampleId :

PB117864BS

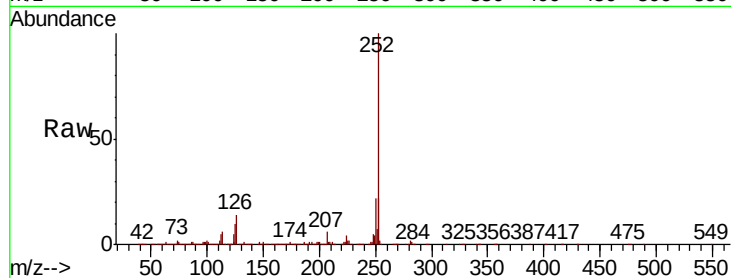
Tot Ion:252 Resp: 2860510

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

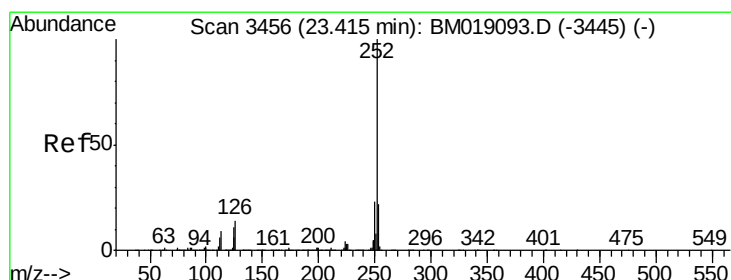
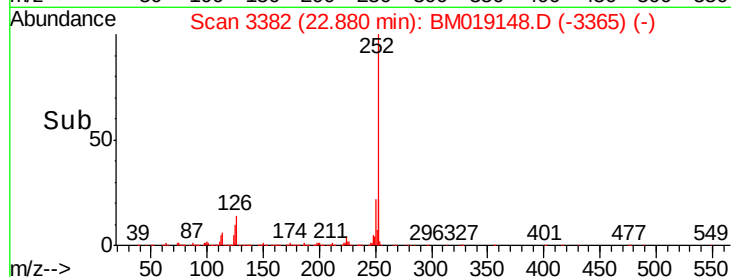
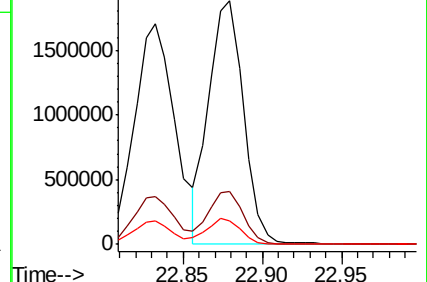
125 9.9 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.269 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

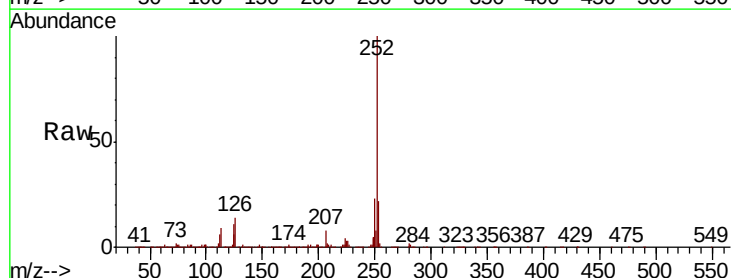
Tgt Ion:252 Resp: 2741292

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

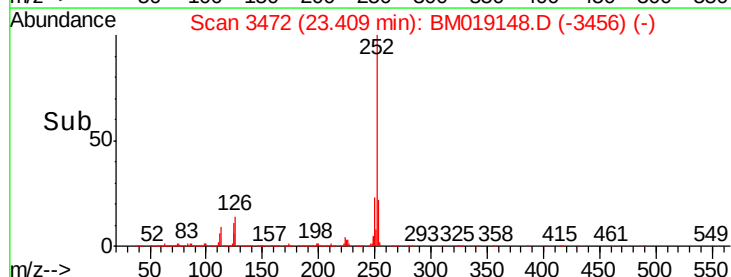
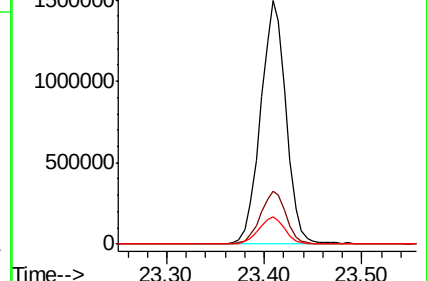
125 11.3 9.2 13.8

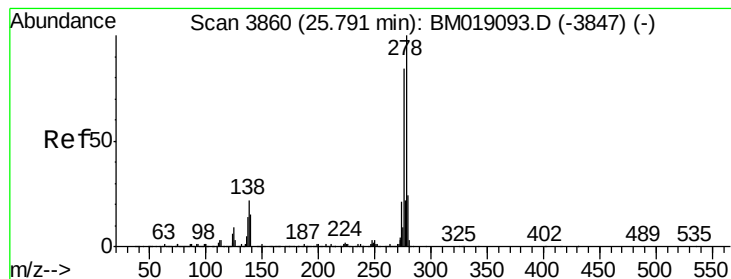


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.141 ng

RT: 25.78 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Instrument :

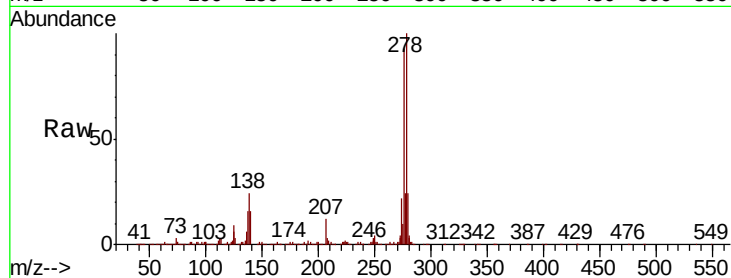
BNA_M

ClientSampleId :

PB117864BS

Tot Ion:278 Resp: 2614885

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.3	18.5
279	23.7	18.9	28.3

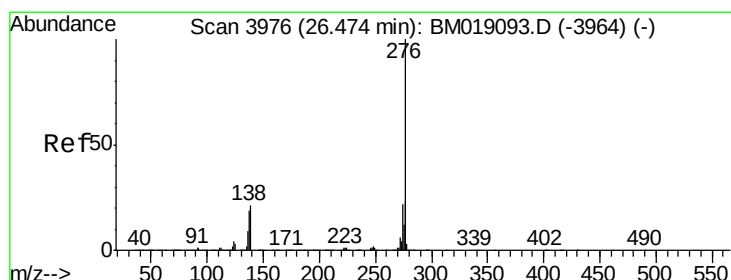
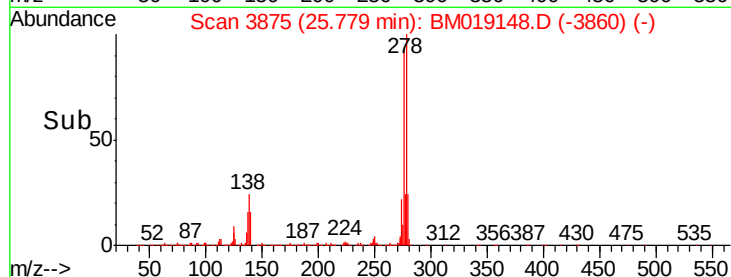
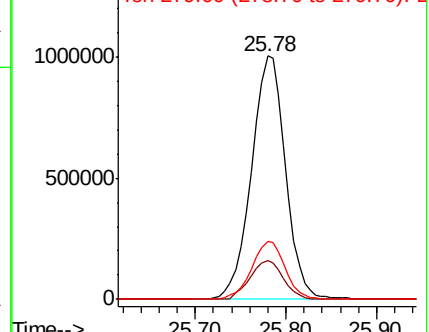


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.254 ng

RT: 26.46 min Scan# 3991

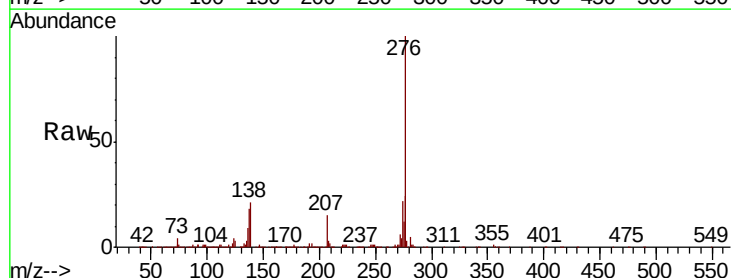
Delta R.T. -0.01 min

Lab File: BM019148.D

Acq: 13 Mar 2019 16:27

Tgt Ion:276 Resp: 2459928

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	20.7	17.0	25.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

