

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
 Data File : BM016791.D
 Acq On : 19 Sep 2018 11:40
 Operator : SJ/JU
 Sample : J4914-02
 Misc : PT
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2E00

Quant Time: Sep 20 15:19:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 20 01:54:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	264097	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1081784	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	551454	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	1194252	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1342507	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1434808	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	26706	4.32	ng/uL	0.00
5) Phenol-d5	6.90	99	595044	26.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	362150	26.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	493697	27.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	460763	26.73	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	223225	31.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	212774	32.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	501654	30.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	622438	31.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	1347468	30.43	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1675499	29.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	188084	25.88	ng/ul	0.00
58) Fluorene-d10	15.36	176	1203841	31.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	118723	24.22	ng/ul	0.00
71) Anthracene-d10	17.21	188	1857803	32.24	ng/ul	0.00
79) Pyrene-d10	19.50	212	2091198	32.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	2451698	32.76	ng/ul	0.00

Target Compounds

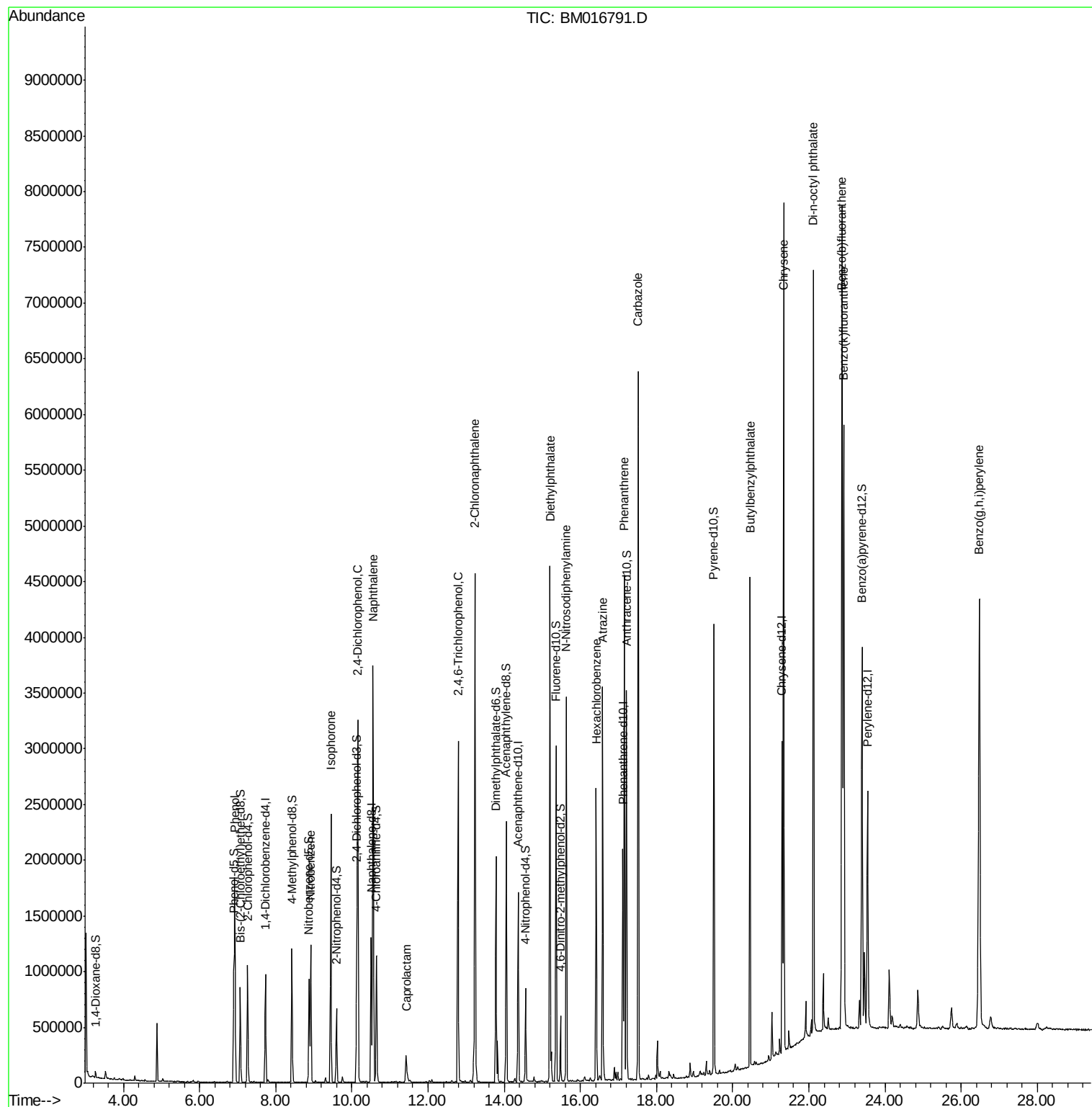
					Ovalue	
6) Phenol	6.92	94	956247	43.006	ng/ul	98
20) Nitrobenzene	8.92	77	676226	37.610	ng/ul	92
21) Isophorone	9.45	82	1699056	47.549	ng/ul	96
27) 2,4-Dichlorophenol	10.16	162	1141772	72.366	ng/ul	98
28) Naphthalene	10.56	128	3053386	54.893	ng/ul	99
32) Caprolactam	11.42	113	64873	13.001	ng/ul	89
39) 2,4,6-Trichlorophenol	12.79	196	716960	66.480	ng/ul	99
42) 2-Chloronaphthalene	13.23	162	2192704	61.074	ng/ul	98
57) Diethylphthalate	15.20	149	2457229	57.316	ng/ul	97
65) N-Nitrosodiphenylamine	15.63	169	1309343	35.444	ng/ul	99
67) Hexachlorobenzene	16.42	284	556330	38.258	ng/ul	95
68) Atrazine	16.59	200	614972	47.102	ng/ul	99
70) Phenanthrene	17.16	178	2794794	42.130	ng/ul	99
75) Carbazole	17.52	167	3959816	66.142	ng/ul	98
81) Butylbenzylphthalate	20.45	149	1211754	39.748	ng/ul	97
85) Chrysene	21.34	228	3581379	46.207	ng/ul	99
87) Di-n-octyl phthalate	22.12	149	4678711	54.274	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	4803898	55.937	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	3632685	44.051	ng/ul#	97
94) Benzo(g,h,i)perylene	26.48	276	4593833	56.732	ng/ul#	92

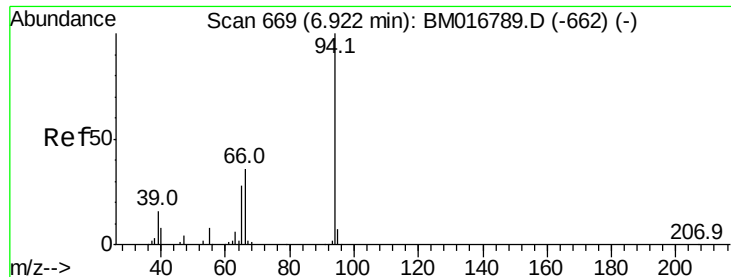
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 20 01:54:47 2018
Response via : Initial Calibration





#6

Phenol

Concen: 43.006 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM016791.D

Acq: 19 Sep 2018 11:40

Instrument :

BNA_M

ClientSampleId :

X2E00

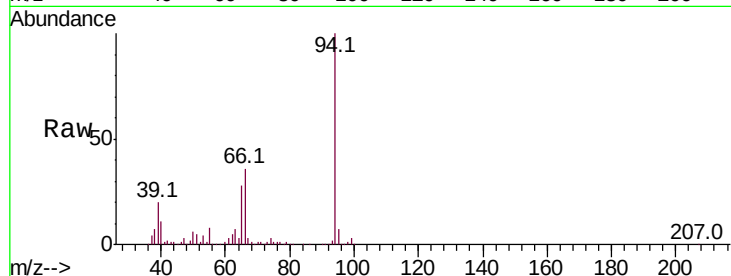
Tot Ion: 94 Resp: 956247

Ion Ratio Lower Upper

94 100

65 28.4 23.0 34.6

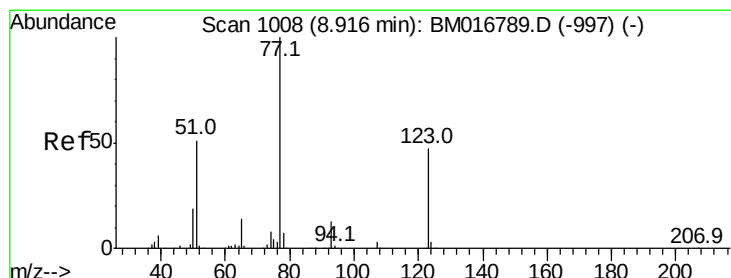
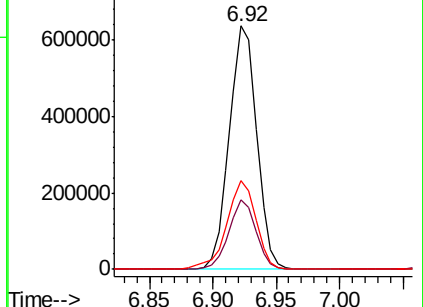
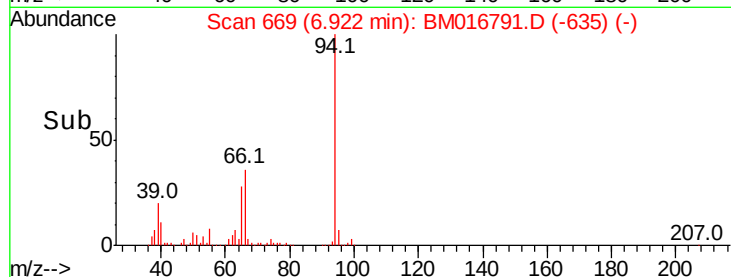
66 36.4 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016791.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM016791.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM016791.D (-662) (-)



#20

Nitrobenzene

Concen: 37.610 ng/ul

RT: 8.92 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BM016791.D

Acq: 19 Sep 2018 11:40

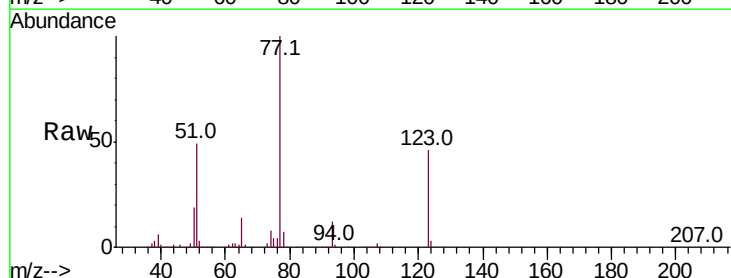
Tgt Ion: 77 Resp: 676226

Ion Ratio Lower Upper

77 100

123 46.3 31.8 47.8

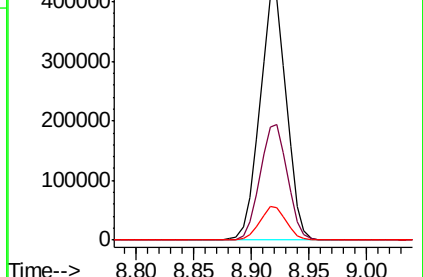
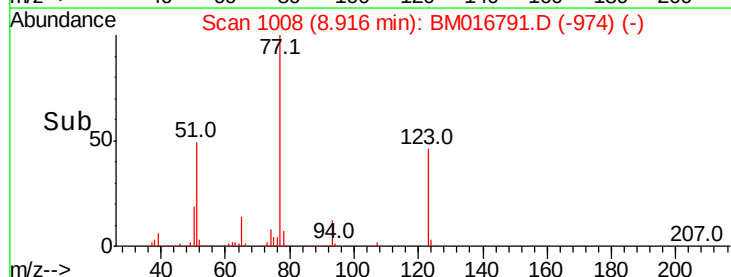
65 13.9 10.6 16.0

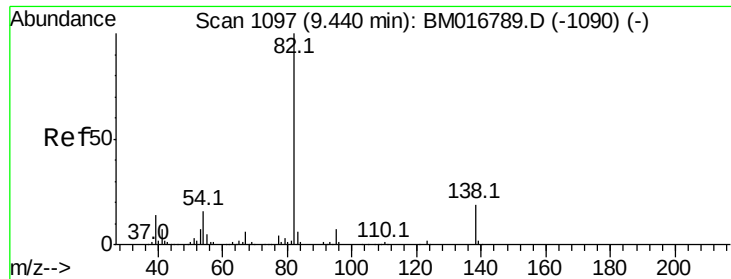


Abundance Ion 77.00 (76.70 to 77.70): BM016791.D (-997) (-)

Ion 123.00 (122.70 to 123.70): BM016791.D (-997) (-)

Ion 65.00 (64.70 to 65.70): BM016791.D (-997) (-)





#21

Isophorone

Concen: 47.549 ng/ul

RT: 9.45 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BM016791.D

Acq: 19 Sep 2018 11:40

Instrument :

BNA_M

ClientSampleId :

X2E00

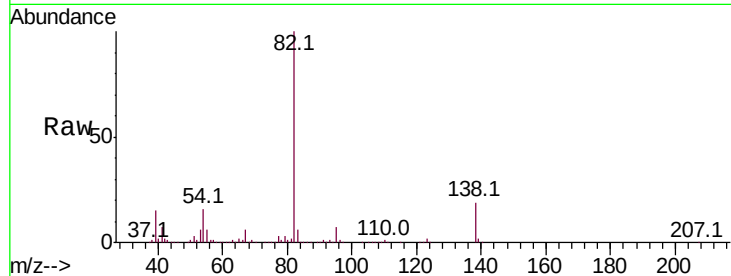
Tot Ion: 82 Resp: 1699056

Ion Ratio Lower Upper

82 100

95 7.4 6.1 9.1

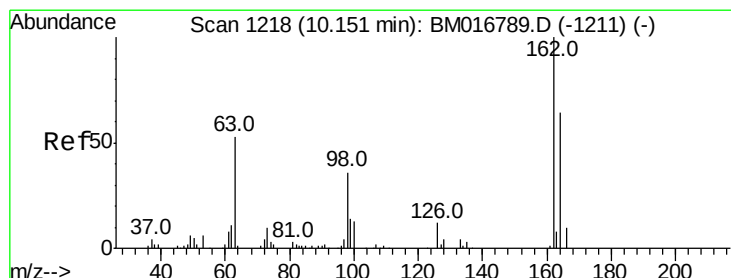
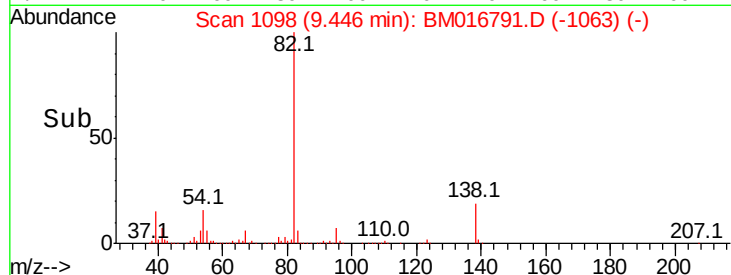
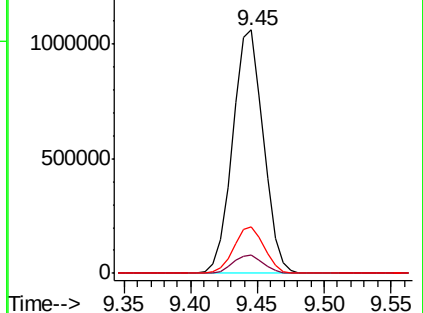
138 19.2 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BM016789.D (-1090) (-)

Ion 95.00 (94.70 to 95.70): BM016789.D (-1090) (-)

Ion 138.00 (137.70 to 138.70): BM016789.D (-1090) (-)



#27

2,4-Dichlorophenol

Concen: 72.366 ng/ul

RT: 10.16 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BM016791.D

Acq: 19 Sep 2018 11:40

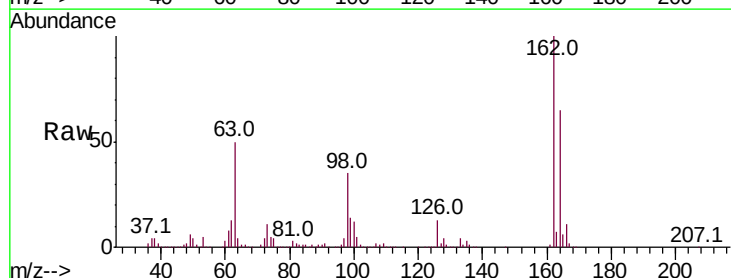
Tgt Ion:162 Resp: 1141772

Ion Ratio Lower Upper

162 100

164 65.3 52.0 78.0

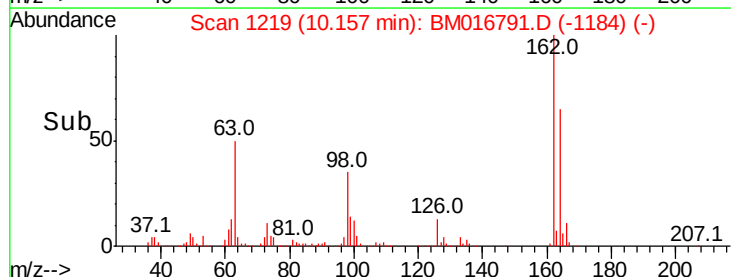
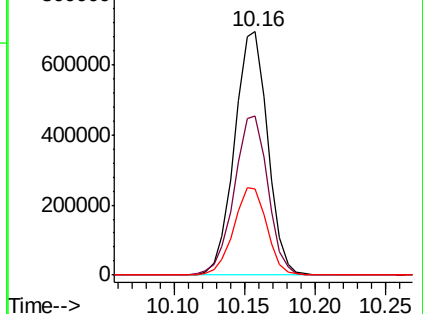
98 35.4 26.6 39.8

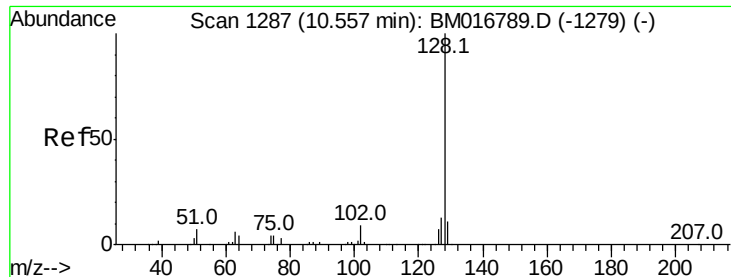


Abundance Ion 162.00 (161.70 to 162.70): BM016789.D (-1211) (-)

Ion 164.00 (163.70 to 164.70): BM016789.D (-1211) (-)

Ion 98.00 (97.70 to 98.70): BM016789.D (-1211) (-)





#28

Naphthalene

Concen: 54.893 ng/ul

RT: 10.56 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BM016791.D

Acq: 19 Sep 2018 11:40

Instrument :

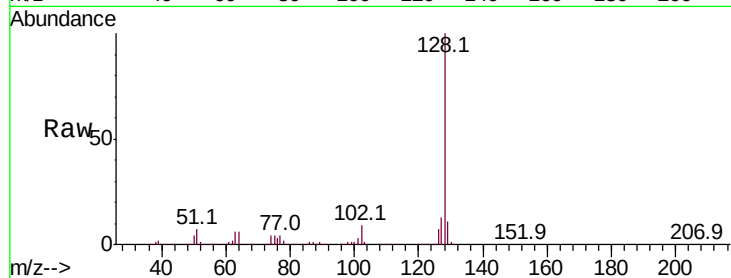
BNA_M

ClientSampleId :

X2E00

Tot Ion:128 Resp: 3053386

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.1	10.8	16.2

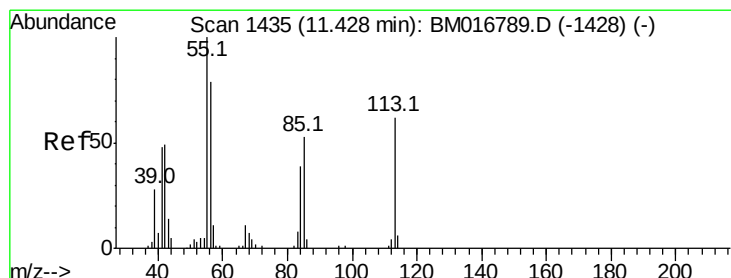
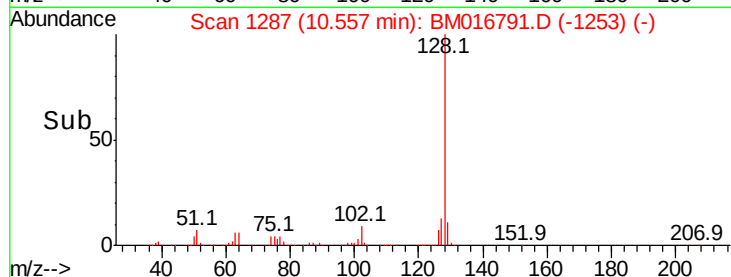
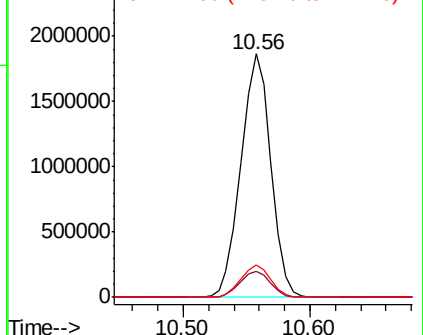


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Caprolactam

Concen: 13.001 ng/ul

RT: 11.42 min Scan# 1434

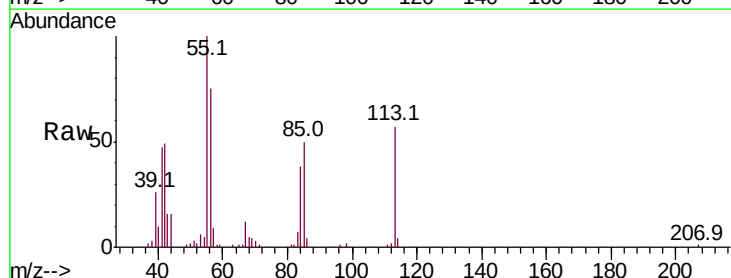
Delta R.T. -0.01 min

Lab File: BM016791.D

Acq: 19 Sep 2018 11:40

Tgt Ion:113 Resp: 64873

Ion	Ratio	Lower	Upper
113	100		
55	176.0	131.7	197.5
56	131.8	92.7	139.1

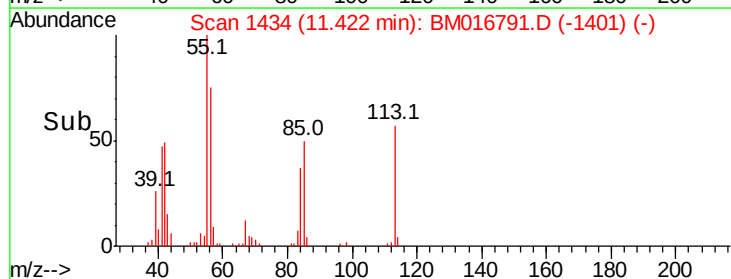
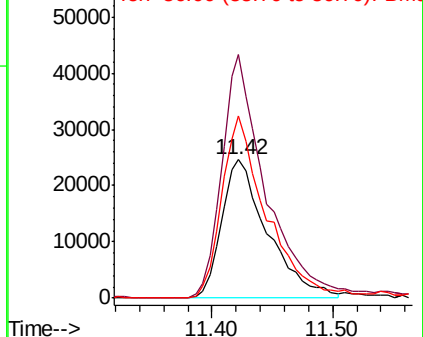


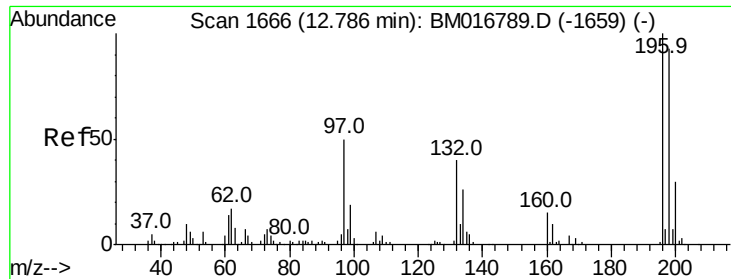
Abundance

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

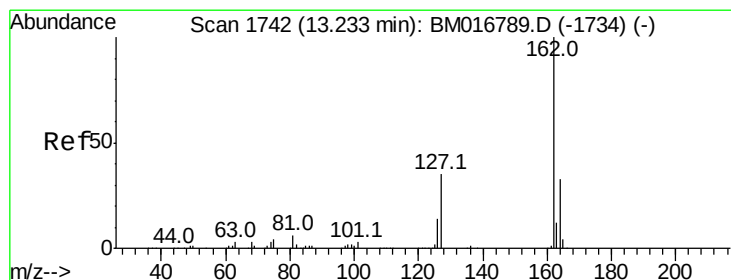
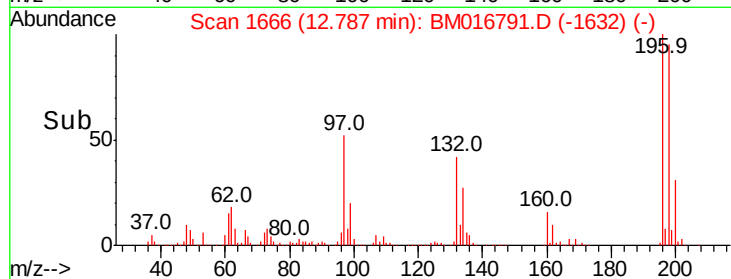
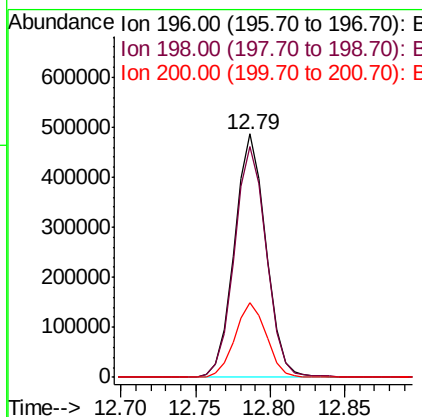
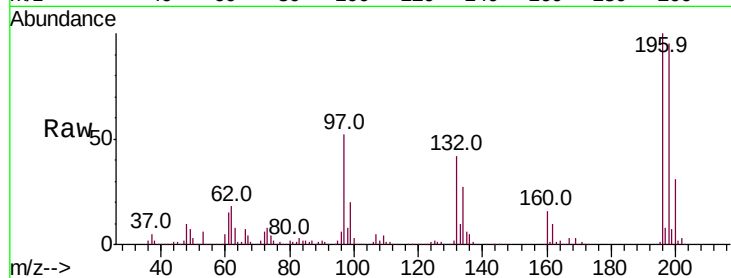




#39
 2,4,6-Trichlorophenol
 Concen: 66.480 ng/ul
 RT: 12.79 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BM016791.D
 Acq: 19 Sep 2018 11:40

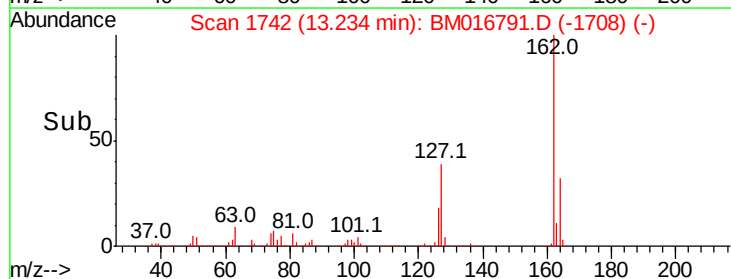
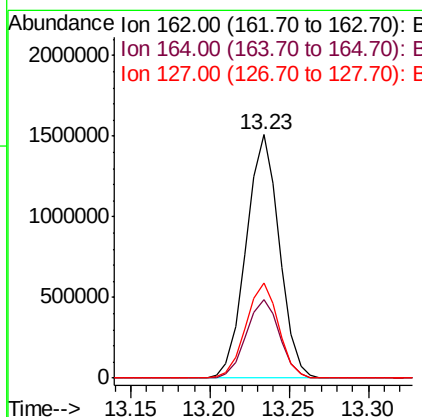
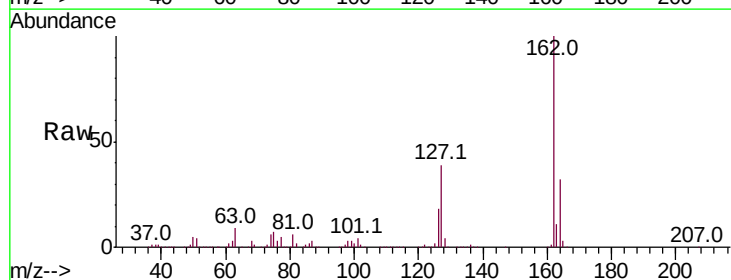
Instrument :
 BNA_M
 ClientSampleId :
 X2E00

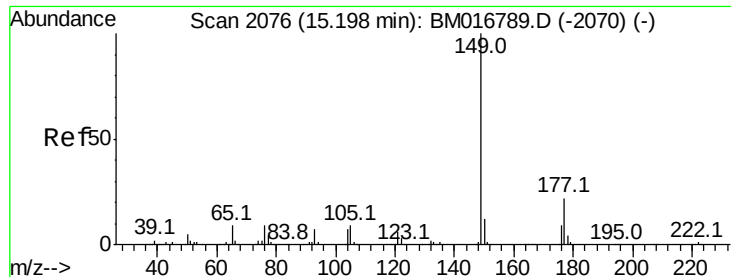
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.9	113.9
200	30.8	25.8	38.6



#42
 2-Chloronaphthalene
 Concen: 61.074 ng/ul
 RT: 13.23 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BM016791.D
 Acq: 19 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.5	26.2	39.4
127	38.8	29.5	44.3





#57

Diethylphthalate

Concen: 57.316 ng/ul

RT: 15.20 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM016791.D

Acq: 19 Sep 2018 11:40

Instrument :

BNA_M

ClientSampled :

X2E00

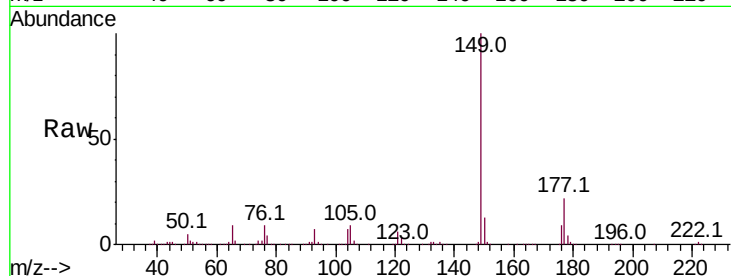
Tot Ion:149 Resp: 2457229

Ion Ratio Lower Upper

149 100

177 22.2 19.3 28.9

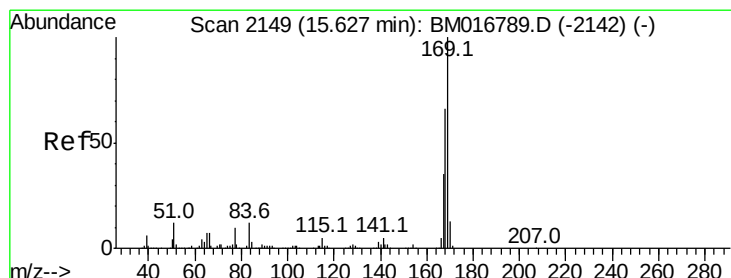
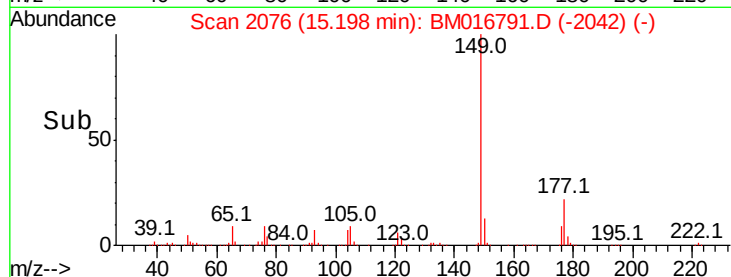
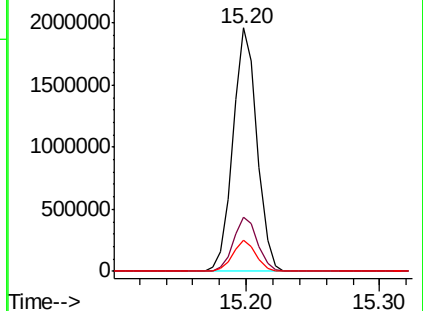
150 12.5 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#65

N-Nitrosodiphenylamine

Concen: 35.444 ng/ul

RT: 15.63 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BM016791.D

Acq: 19 Sep 2018 11:40

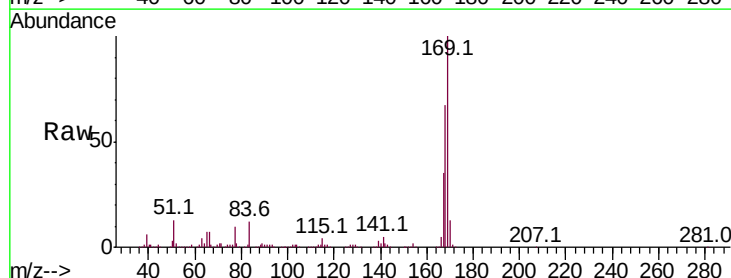
Tgt Ion:169 Resp: 1309343

Ion Ratio Lower Upper

169 100

168 66.8 53.8 80.8

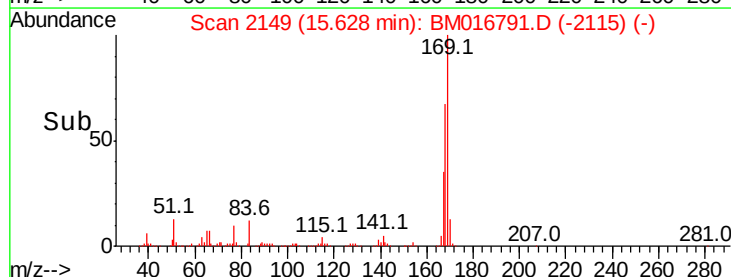
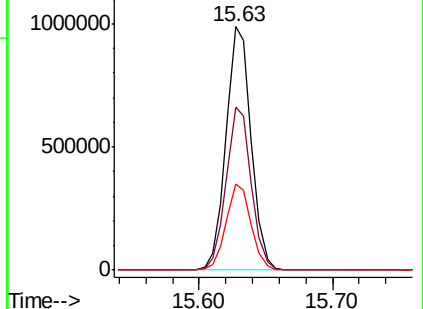
167 35.3 29.5 44.3

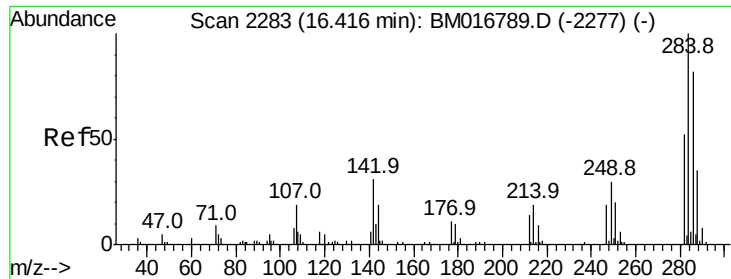


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

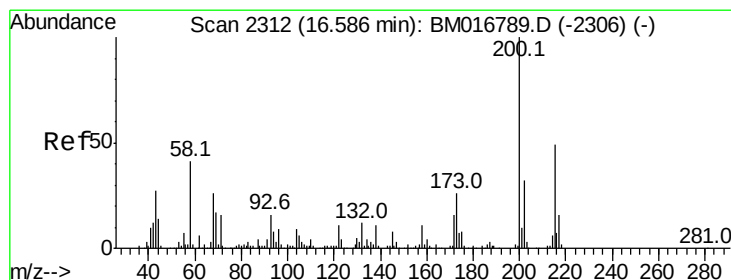
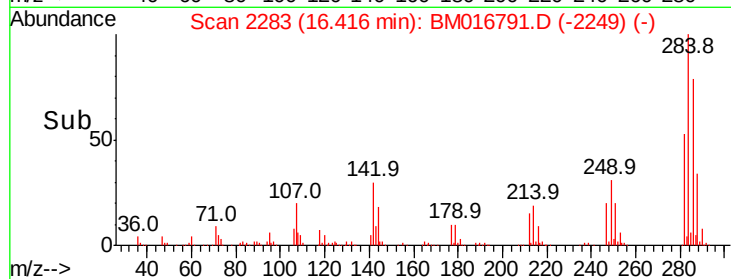
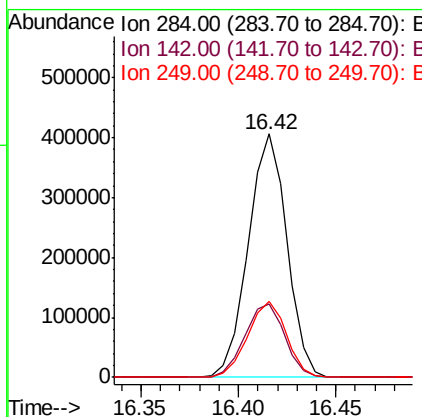
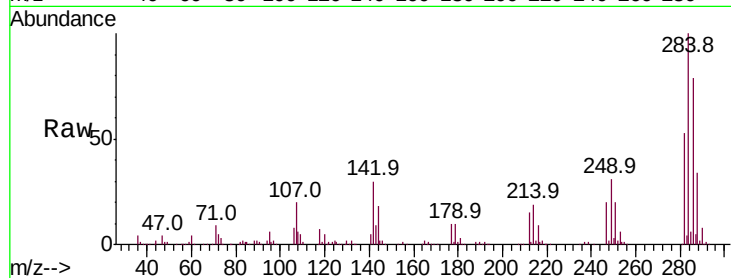




#67
Hexachlorobenzene
Concen: 38.258 ng/ul
RT: 16.42 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

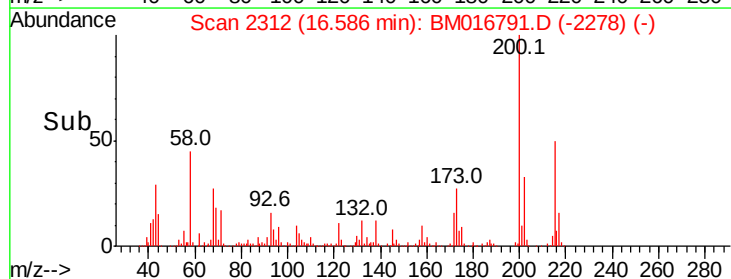
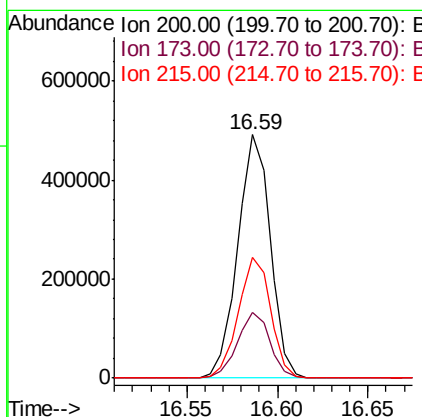
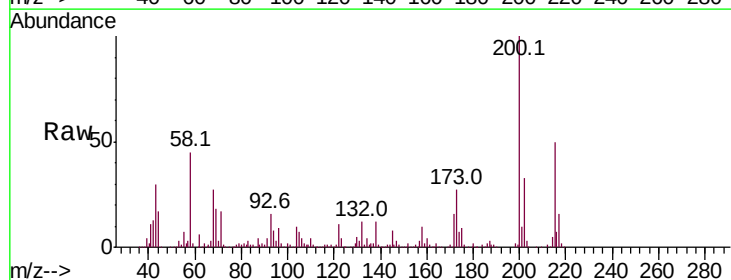
Instrument :
BNA_M
ClientSampleId :
X2E00

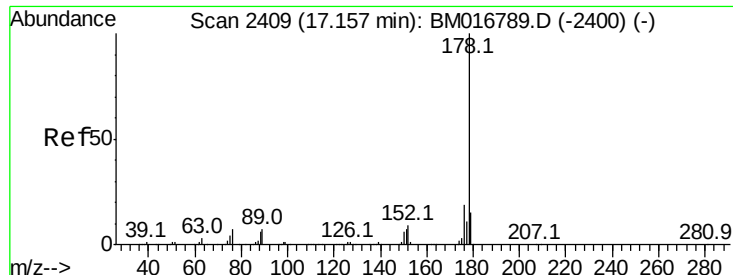
Tot Ion	Ratio	Lower	Upper
284	100		
142	30.4	21.3	31.9
249	31.4	26.3	39.5



#68
Atrazine
Concen: 47.102 ng/ul
RT: 16.59 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	20.6	31.0
215	49.8	39.8	59.6





#70

Phenanthrene

Concen: 42.130 ng/ul

RT: 17.16 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BM016791.D

Acq: 19 Sep 2018 11:40

Instrument :

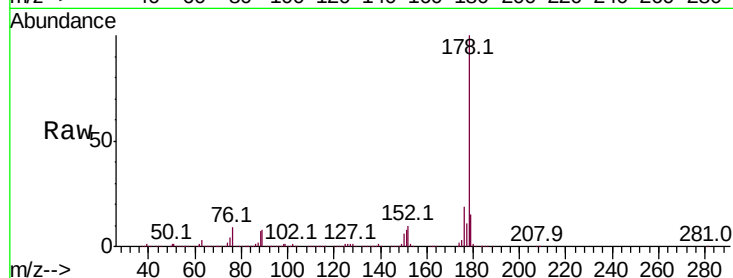
BNA_M

ClientSampled :

X2E00

Tot Ion:178 Resp: 2794794

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.5	15.4	23.0

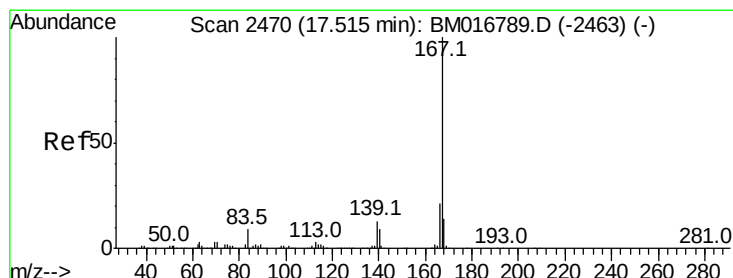
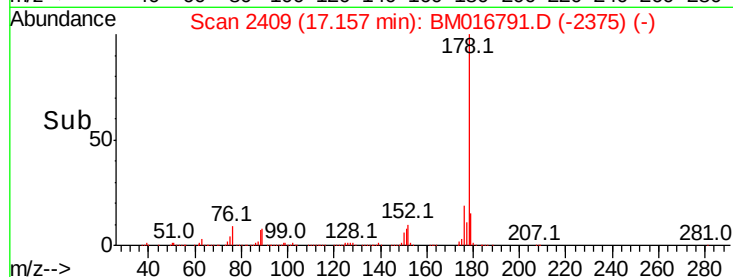
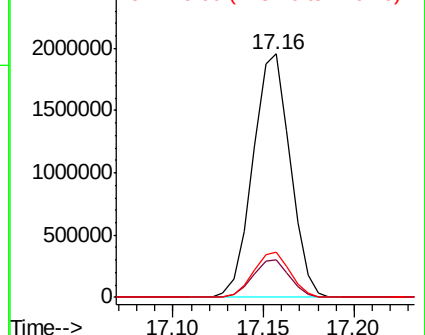


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 66.142 ng/ul

RT: 17.52 min Scan# 2470

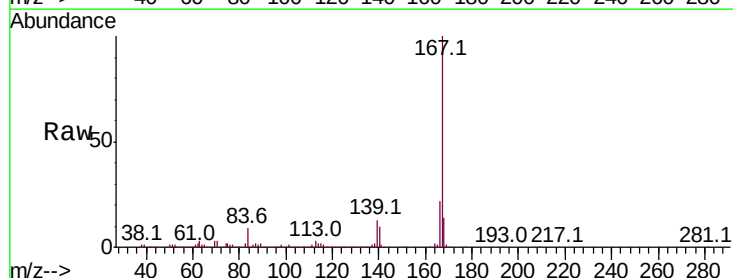
Delta R.T. 0.00 min

Lab File: BM016791.D

Acq: 19 Sep 2018 11:40

Tgt Ion:167 Resp: 3959816

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	12.7	9.1	13.7

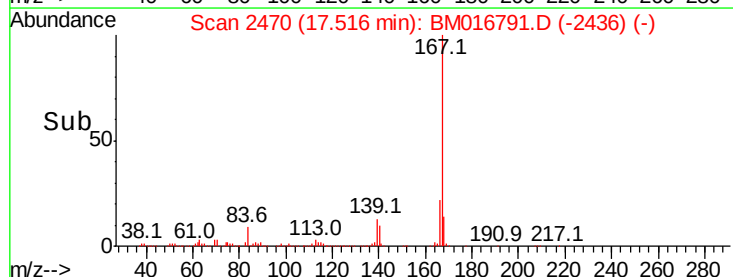
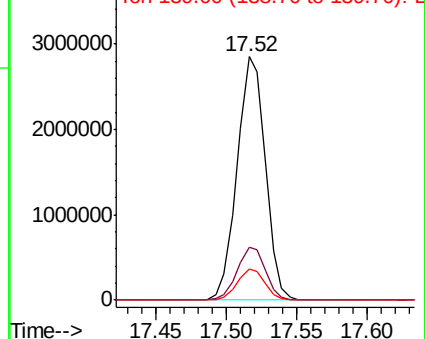


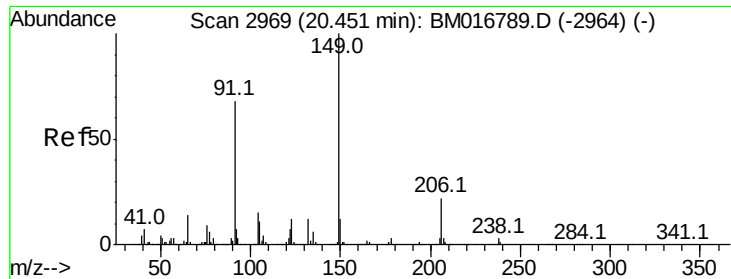
Abundance

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

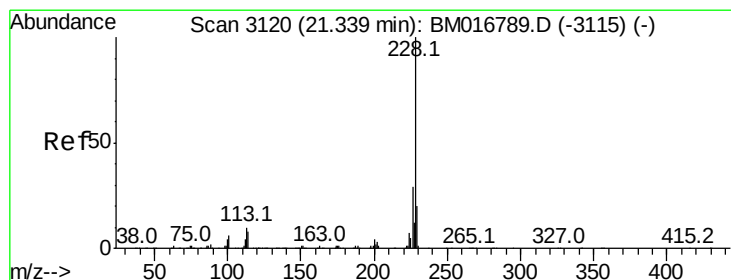
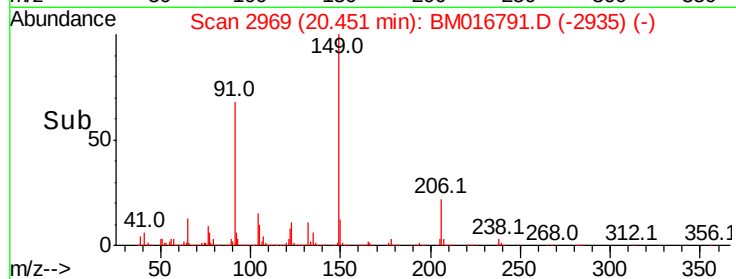
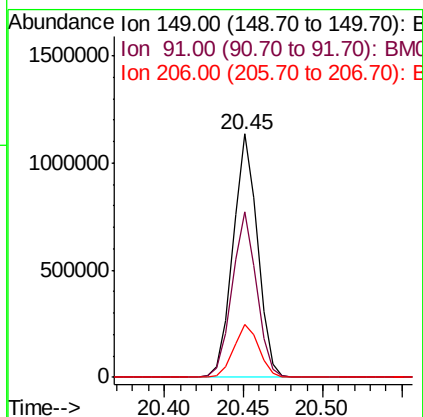
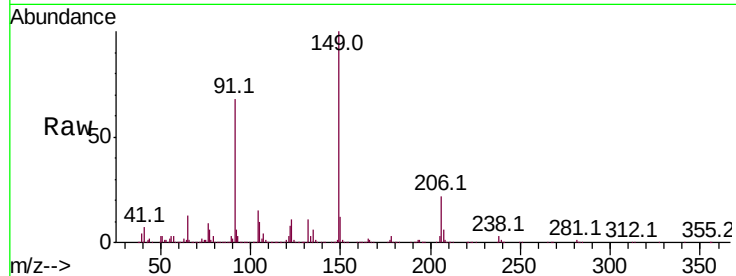




#81
Butylbenzylphthalate
Concen: 39.748 ng/ul
RT: 20.45 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

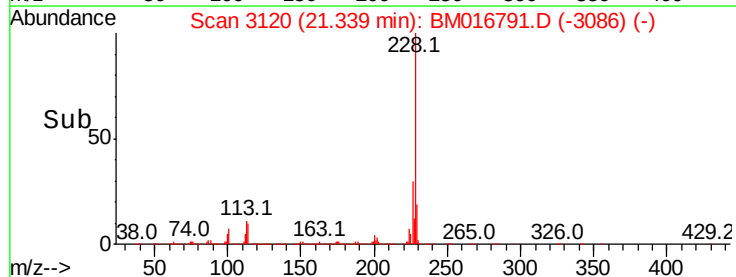
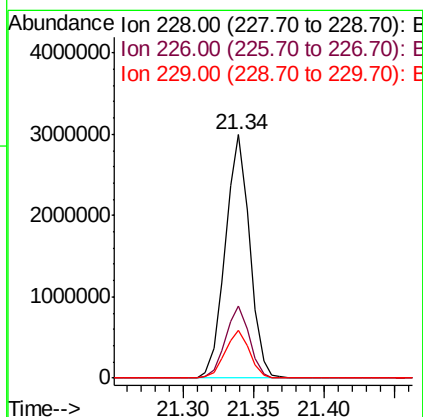
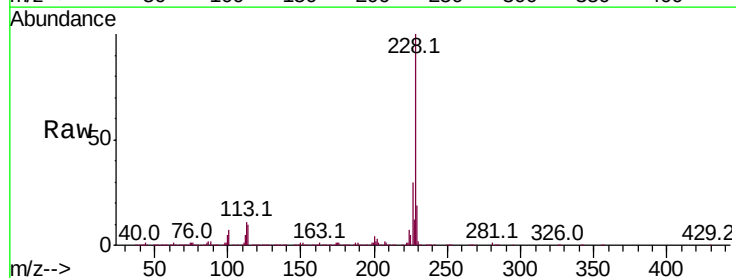
Instrument :
BNA_M
ClientSampleId :
X2E00

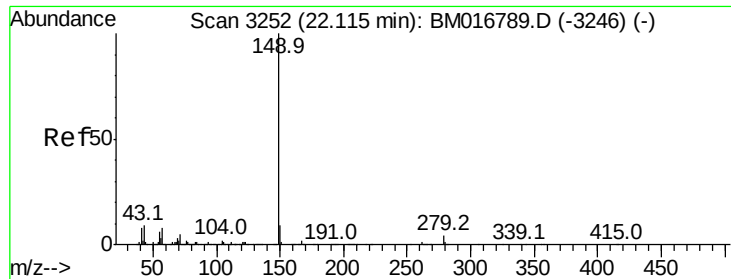
Tot Ion:149 Resp: 1211754
Ion Ratio Lower Upper
149 100
91 68.0 53.4 80.0
206 21.6 19.3 28.9



#85
Chrysene
Concen: 46.207 ng/ul
RT: 21.34 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:228 Resp: 3581379
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 19.4 16.0 24.0

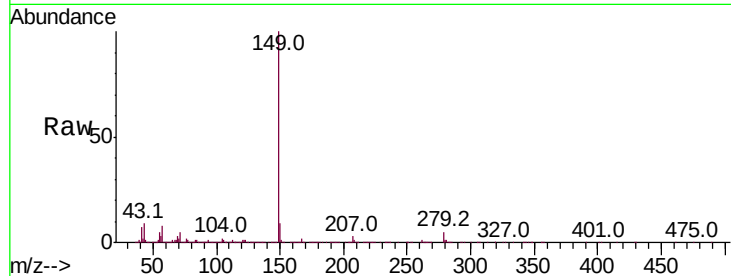




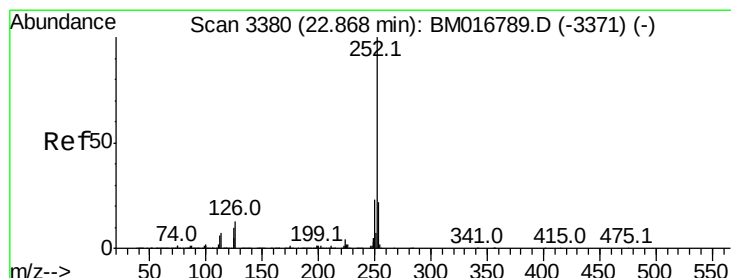
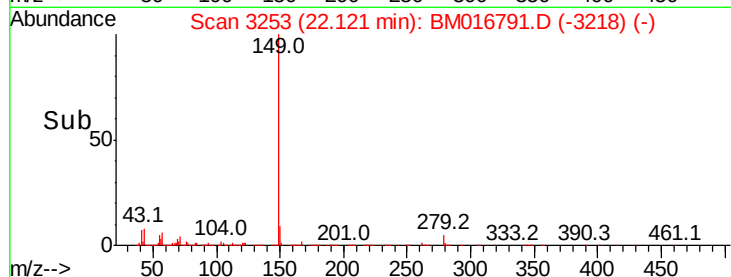
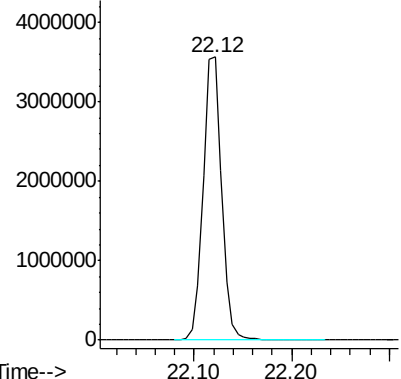
#87
Di-n-octyl phthalate
Concen: 54.274 ng/ul
RT: 22.12 min Scan# 3253
Delta R.T. 0.01 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Instrument :
BNA_M
ClientSampleId :
X2E00

Tgt Ion:149 Resp: 4678711

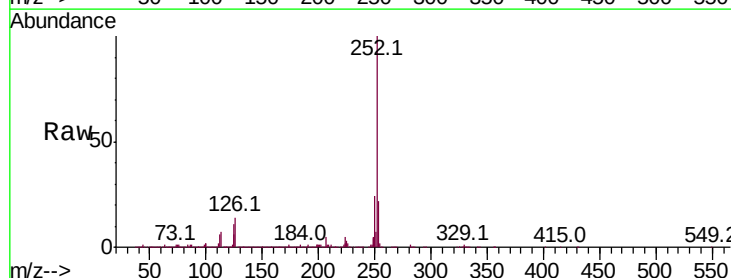


Abundance Ion 149.00 (148.70 to 149.70): E

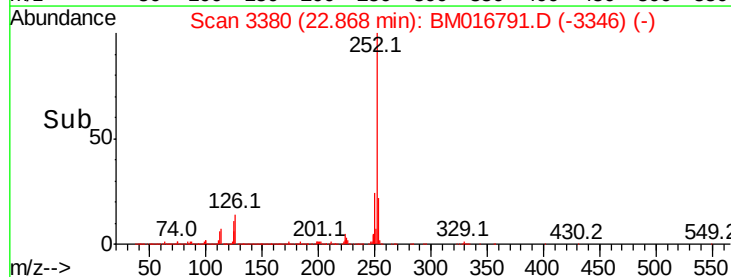
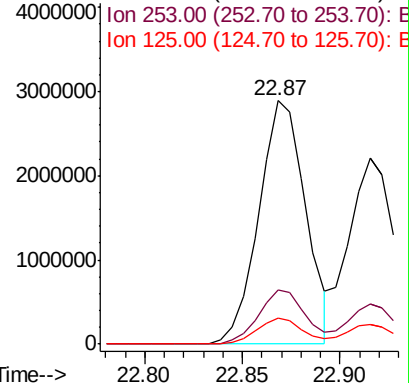


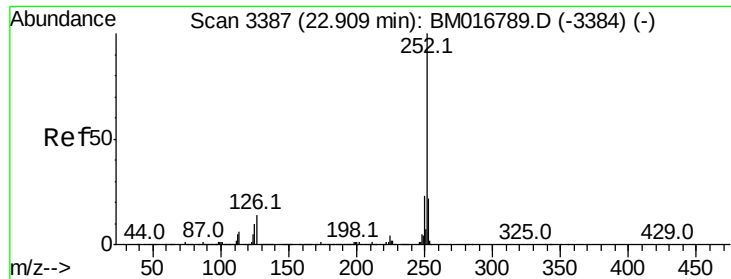
#88
Benzo(b)fluoranthene
Concen: 55.937 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. 0.00 min
Lab File: BM016791.D
Acq: 19 Sep 2018 11:40

Tgt Ion:252 Resp: 4803898
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 10.8 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E





#89

Benzo(k)fluoranthene

Concen: 44.051 ng/ul

RT: 22.92 min Scan# 3388

Delta R.T. 0.01 min

Lab File: BM016791.D

Acq: 19 Sep 2018 11:40

Instrument :

BNA_M

ClientSampleId :

X2E00

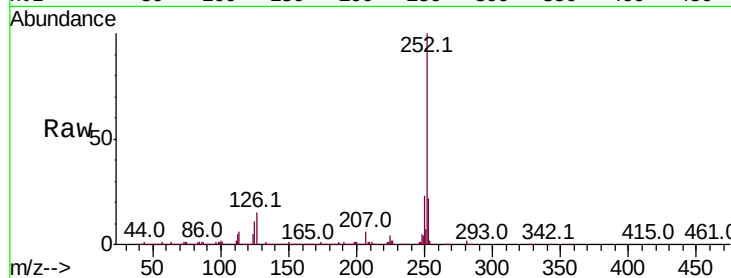
Tot Ion:252 Resp: 3632685

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

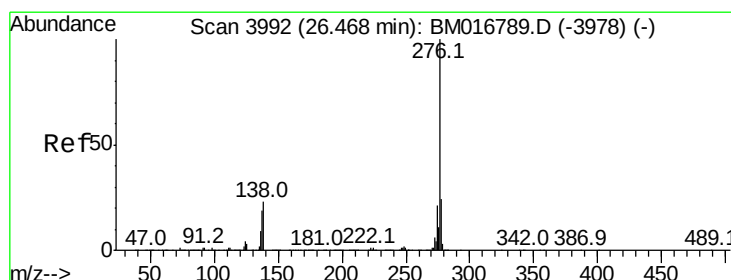
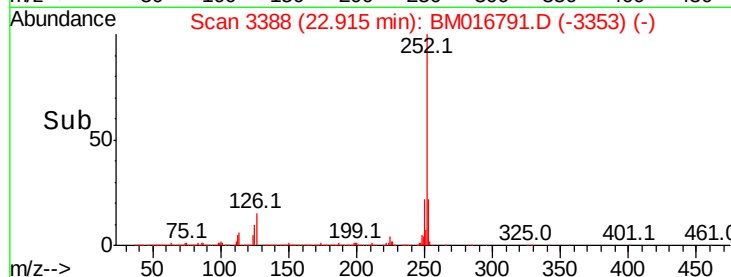
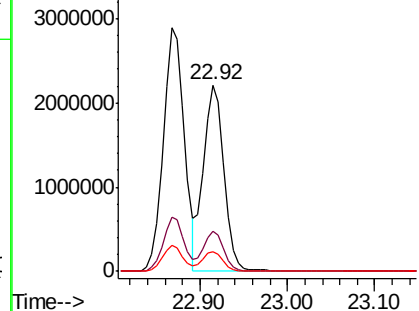
125 10.5 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#94

Benzo(g,h,i)perylene

Concen: 56.732 ng/ul

RT: 26.48 min Scan# 3994

Delta R.T. 0.01 min

Lab File: BM016791.D

Acq: 19 Sep 2018 11:40

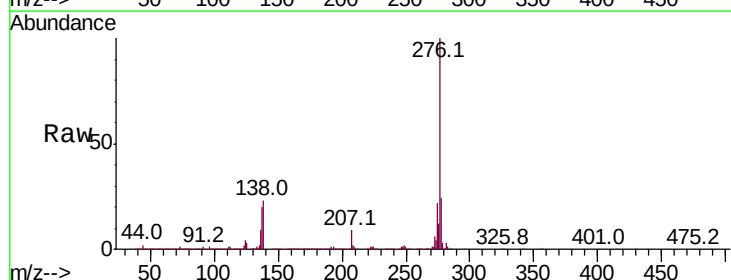
Tgt Ion:276 Resp: 4593833

Ion Ratio Lower Upper

276 100

138 22.6 11.2 16.8#

277 23.8 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

