

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM033019\
 Data File : BM019614.D
 Acq On : 30 Mar 2019 11:57
 Operator : JU/SJ
 Sample : K2065-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 30 21:31:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 29 14:33:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.58
18) Naphthalene-d8	10.36	136	643	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	317	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	1282	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2626	20.00	ng/ul	0.01
86) Perylene-d12	23.26	264	810629	20.00	ng/ul	-0.15

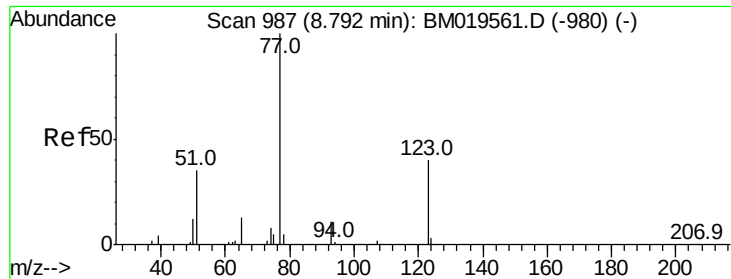
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	12696	0.00	ng/uL	0.00
5) Phenol-d5	6.76	99	144564	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	102032	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	121369	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	101327	0.00	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	54154	11806.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	58609	11480.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	104001	10797.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	131775	11391.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	388371	15183.74	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	431396	13488.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	37625	9384.04	ng/ul	0.03
58) Fluorene-d10	15.23	176	334233	15166.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	39537	4663.59	ng/ul	0.00
71) Anthracene-d10	17.09	188	518316	8425.07	ng/ul	0.00
79) Pyrene-d10	19.40	212	606587	5000.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	819353	19.07	ng/ul	0.00

Target Compounds

					Ovalue	
20) Nitrobenzene	8.80	77	362	26.513	ng/ul#	43
21) Isophorone	9.47	82	5595	238.861	ng/ul#	71
28) Naphthalene	10.41	128	612	18.373	ng/ul#	69
45) Dimethylphthalate	13.71	163	55392	2158.393	ng/ul#	97
46) 2,6-Dinitrotoluene	13.70	165	56	11.886	ng/ul#	33
48) Acenaphthylene	13.96	152	440	13.880	ng/ul#	60
54) Dibenzofuran	14.66	168	261	8.371	ng/ul#	36
57) Diethylphthalate	15.07	149	951	37.674	ng/ul#	57
59) Fluorene	15.29	166	294	11.900	ng/ul#	74
64) 4,6-Dinitro-2-methylphenol	15.32	198	443	49.356	ng/ul#	58
70) Phenanthrene	17.04	178	867	11.928	ng/ul#	60
72) Anthracene	17.13	178	472	6.365	ng/ul#	59
76) Di-n-butylphthalate	17.97	149	2399	32.543	ng/ul#	78
77) Fluoranthene	19.07	202	1113	13.363	ng/ul#	80
80) Pyrene	19.43	202	1640	10.381	ng/ul#	78
81) Butylbenzylphthalate	20.34	149	1145	18.305	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.16	252	259	4.540	ng/ul#	24
83) Benzo(a)anthracene	21.20	228	1113	7.042	ng/ul#	51
84) Bis(2-ethylhexyl)phthalate	21.10	149	2948	32.515	ng/ul#	95
85) Chrysene	21.26	228	1766	11.644	ng/ul#	83

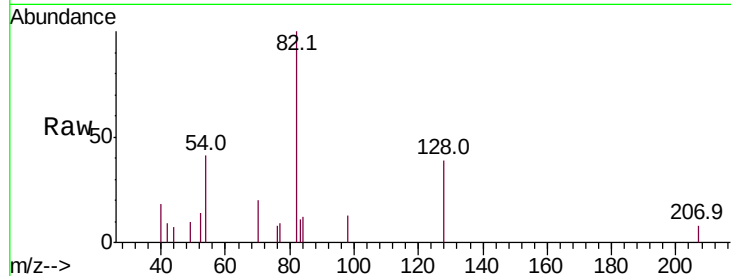
(#) = qualifier out of range (m) = manual integration (+) = signals summed



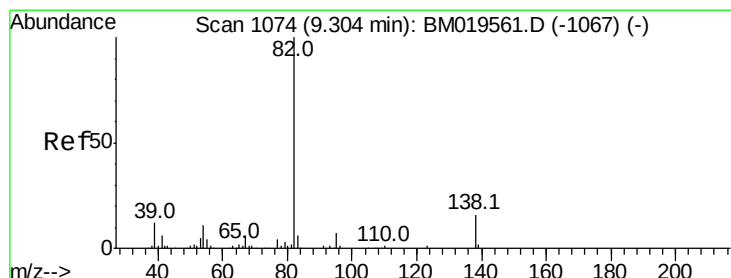
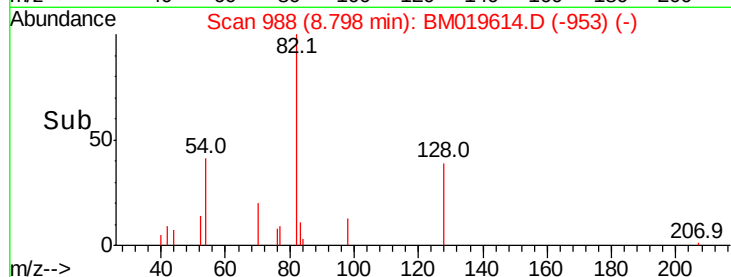
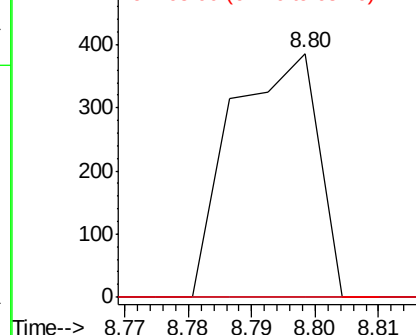
#20
Nitrobenzene
Concen: 26.513 ng/ul
RT: 8.80 min Scan# 988
Delta R.T. 0.01 min
Lab File: BM019614.D
Acq: 30 Mar 2019 11:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 362
Ion Ratio Lower Upper
77 100
123 0.0 31.8 47.8#
65 0.0 10.6 16.0#

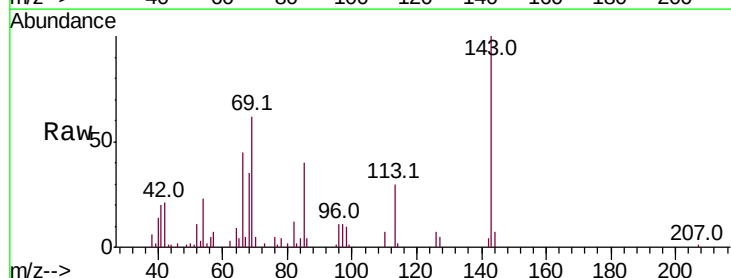


Abundance Ion 77.00 (76.70 to 77.70): BM019561.D (-980) (-)
Ion 123.00 (122.70 to 123.70): BM019561.D (-980) (-)
Ion 65.00 (64.70 to 65.70): BM019561.D (-980) (-)

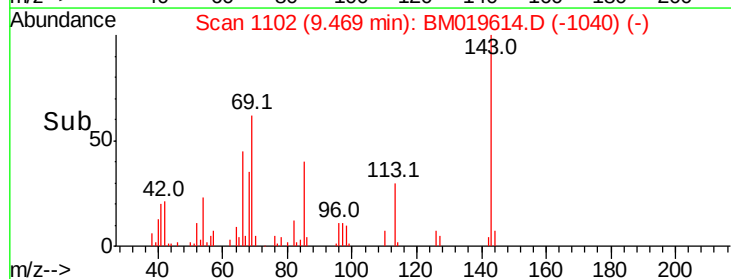
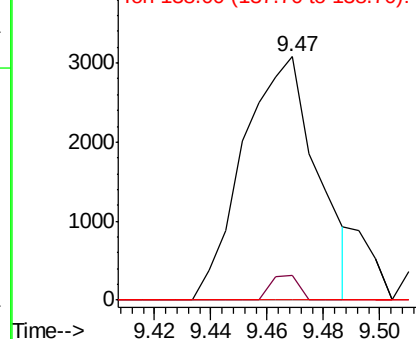


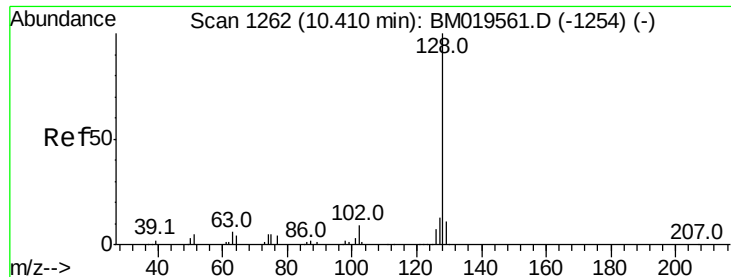
#21
Isophorone
Concen: 238.861 ng/ul
RT: 9.47 min Scan# 1102
Delta R.T. 0.16 min
Lab File: BM019614.D
Acq: 30 Mar 2019 11:57

Tgt Ion: 82 Resp: 5595
Ion Ratio Lower Upper
82 100
95 10.4 6.1 9.1#
138 0.0 13.5 20.3#



Abundance Ion 82.00 (81.70 to 82.70): BM019561.D (-1067) (-)
Ion 95.00 (94.70 to 95.70): BM019561.D (-1067) (-)
Ion 138.00 (137.70 to 138.70): BM019561.D (-1067) (-)





#28

Naphthalene

Concen: 18.373 ng/ul

RT: 10.41 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

Instrument :

BNA_M

ClientSampleId :

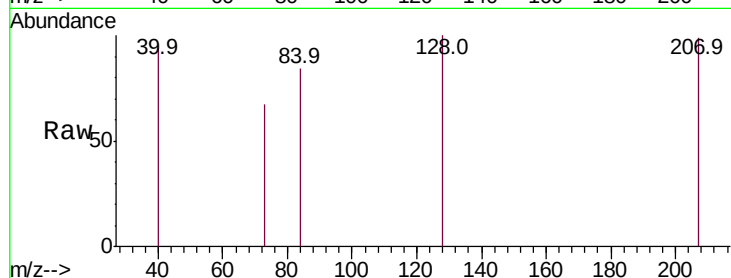
Tot Ion:128 Resp: 612

Ion Ratio Lower Upper

128 100

129 0.0 8.3 12.5#

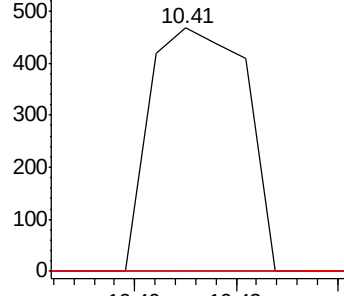
127 0.0 10.8 16.2#



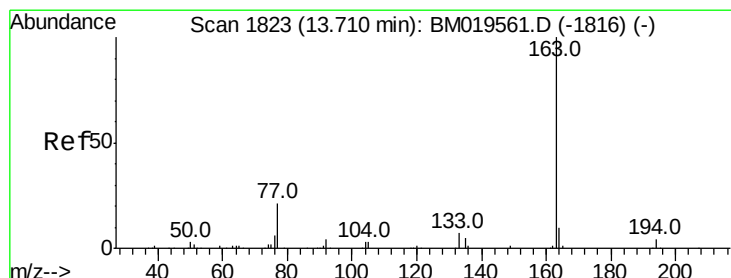
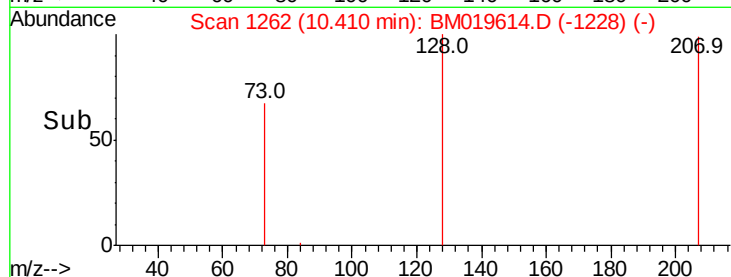
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#45

Dimethylphthalate

Concen: 2158.393 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

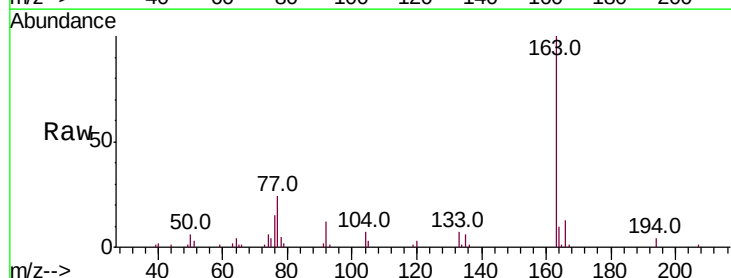
Tgt Ion:163 Resp: 55392

Ion Ratio Lower Upper

163 100

194 4.0 4.0 6.0#

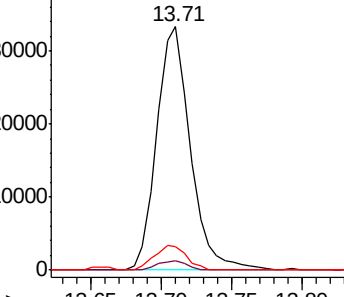
164 9.5 8.4 12.6



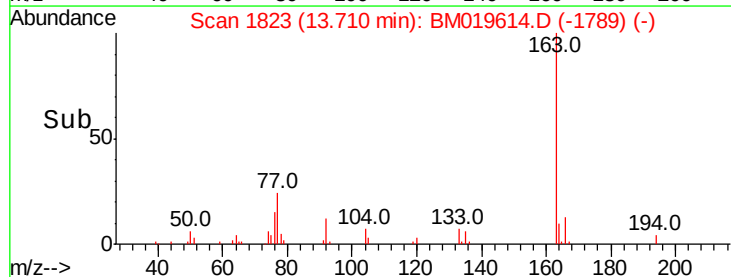
Abundance Ion 163.00 (162.70 to 163.70): E

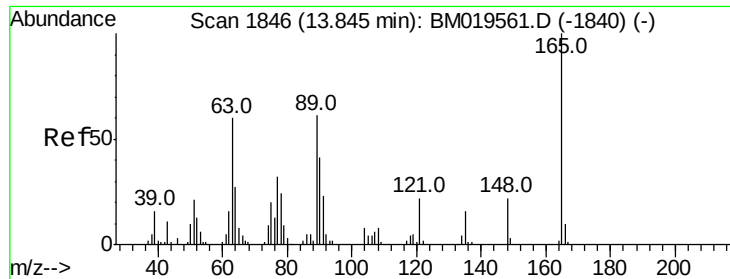
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

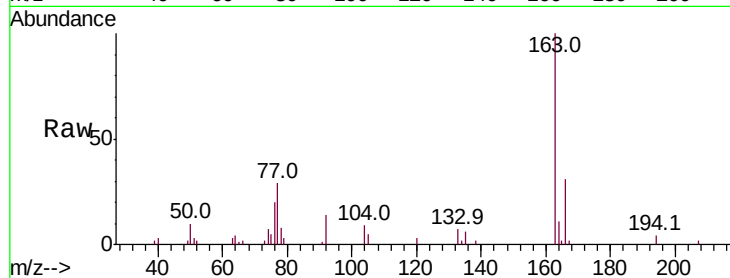




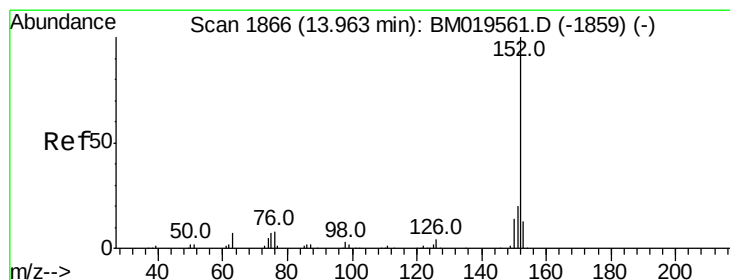
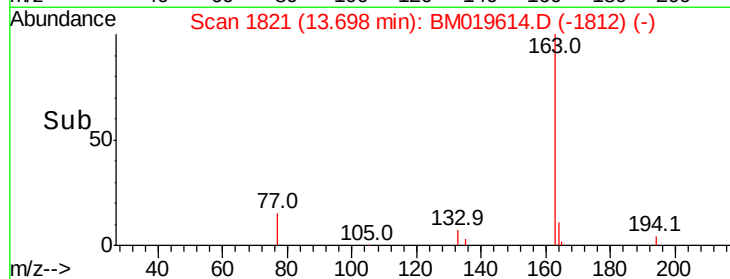
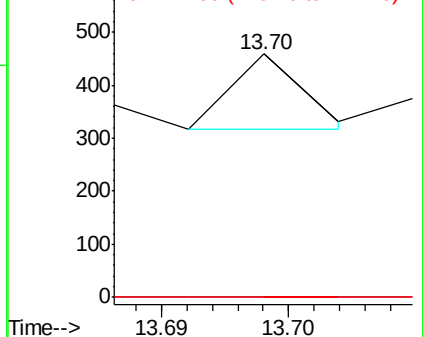
#46
 2,6-Dinitrotoluene
 Concen: 11.886 ng/ul
 RT: 13.70 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: BM019614.D
 Acq: 30 Mar 2019 11:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 56
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.8 65.8#
 121 0.0 17.8 26.6#

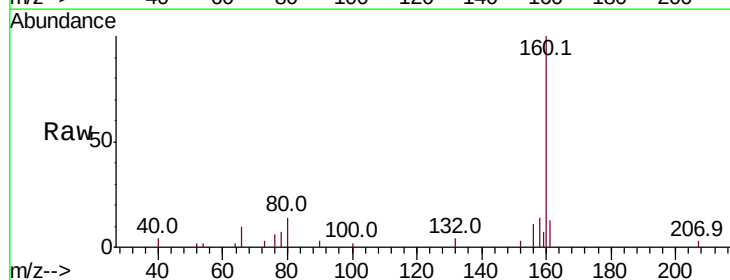


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

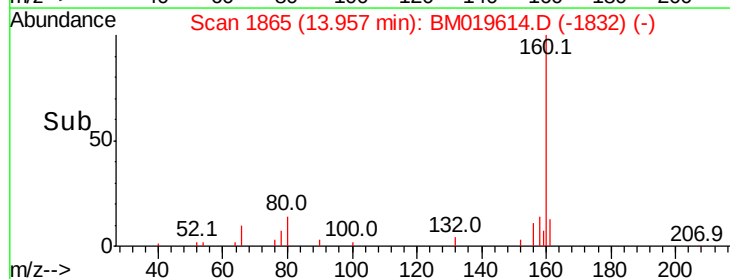
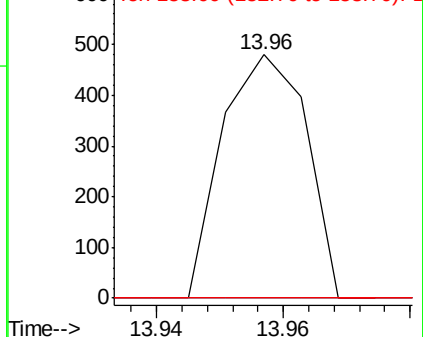


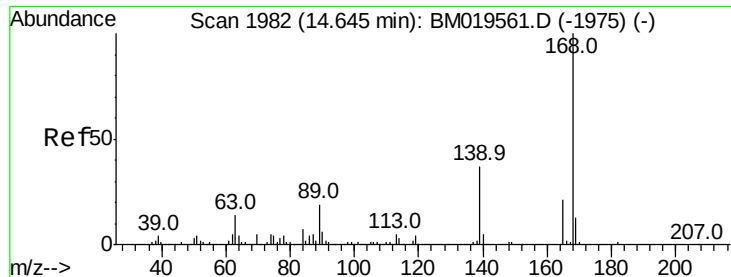
#48
 Acenaphthylene
 Concen: 13.880 ng/ul
 RT: 13.96 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BM019614.D
 Acq: 30 Mar 2019 11:57

Tgt Ion:152 Resp: 440
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.1 24.1#
 153 0.0 10.8 16.2#



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





#54

Dibenzofuran

Concen: 8.371 ng/ul

RT: 14.66 min Scan# 1985

Delta R.T. 0.02 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

Instrument :

BNA_M

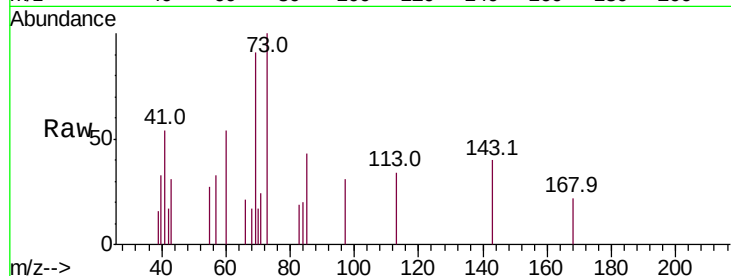
ClientSampleId :

Tot Ion:168 Resp: 261

Ion Ratio Lower Upper

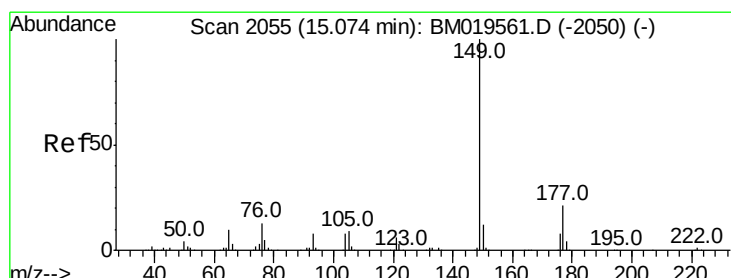
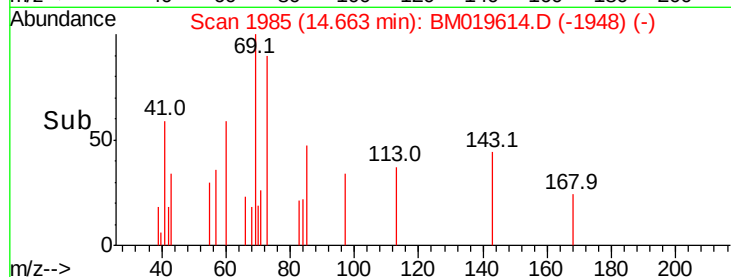
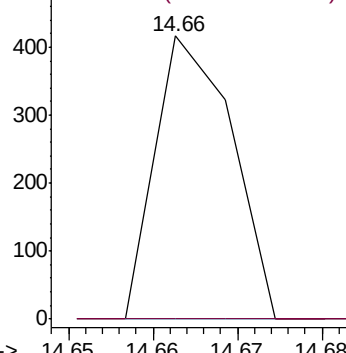
168 100

139 0.0 31.0 46.4#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#57

Diethylphthalate

Concen: 37.674 ng/ul

RT: 15.07 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

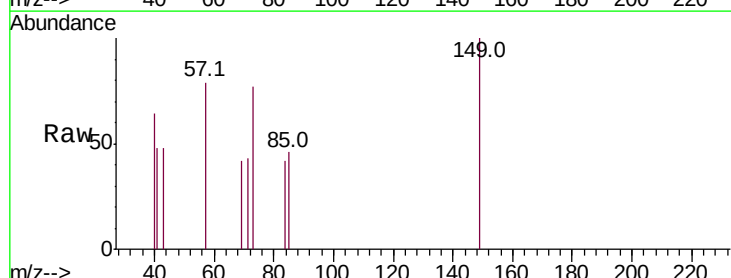
Tgt Ion:149 Resp: 951

Ion Ratio Lower Upper

149 100

177 0.0 19.3 28.9#

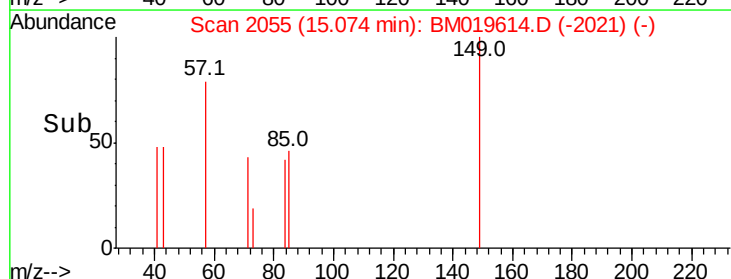
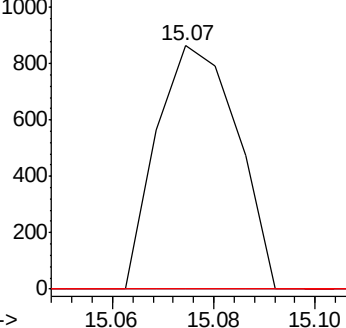
150 0.0 10.6 15.8#

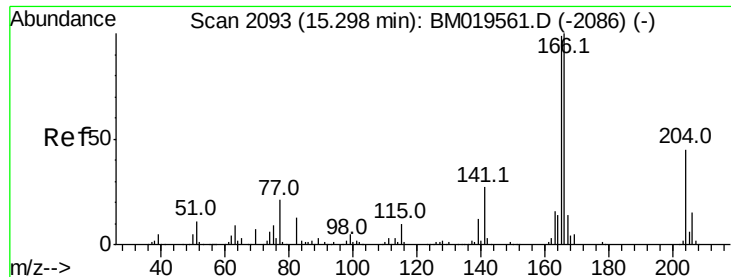


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 11.900 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

Instrument :

BNA_M

ClientSampleId :

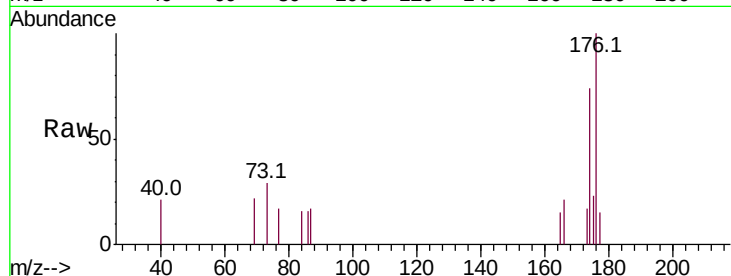
Tot Ion:166 Resp: 294

Ion Ratio Lower Upper

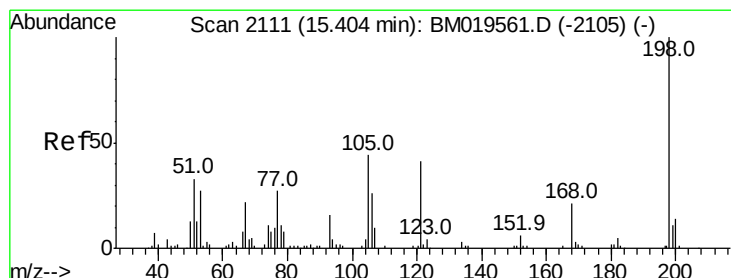
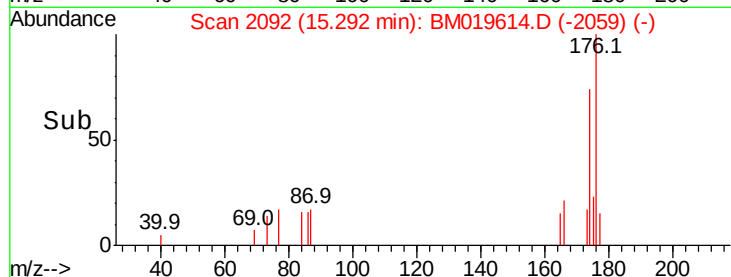
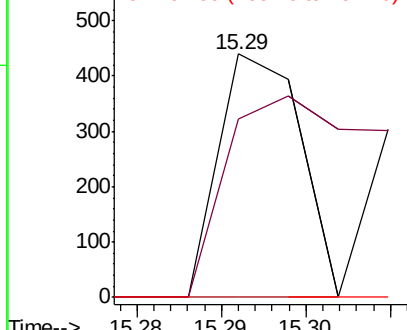
166 100

165 73.4 78.4 117.6#

167 0.0 11.1 16.7#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 49.356 ng/ul

RT: 15.32 min Scan# 2096

Delta R.T. -0.09 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

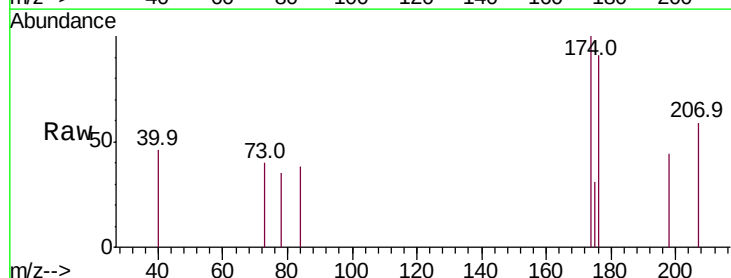
Tgt Ion:198 Resp: 443

Ion Ratio Lower Upper

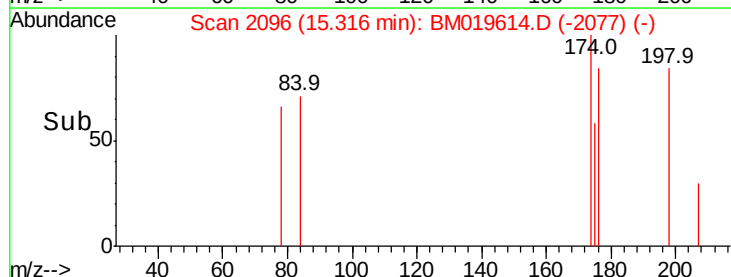
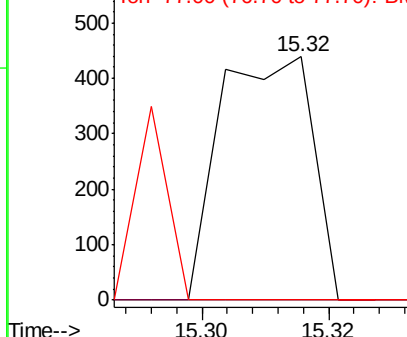
198 100

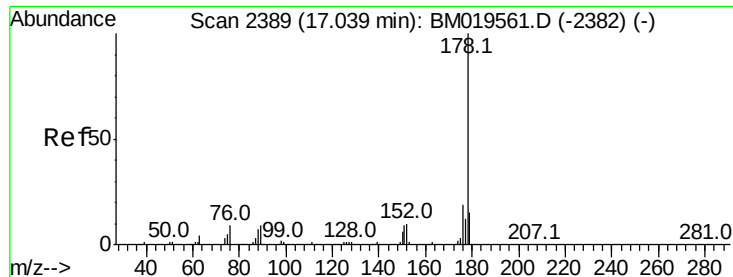
182 0.0 3.5 5.3#

77 0.0 18.2 27.4#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BM





#70

Phenanthrene

Concen: 11.928 ng/ul

RT: 17.04 min Scan# 2390

Delta R.T. 0.01 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

Instrument :

BNA_M

ClientSampleId :

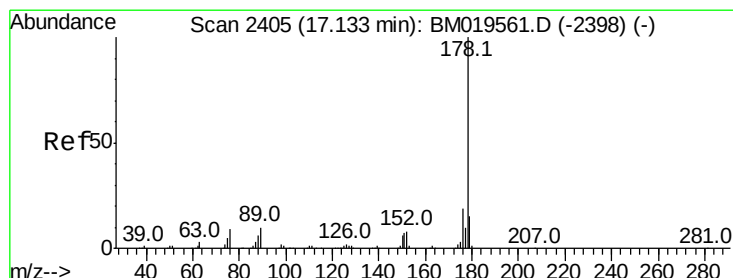
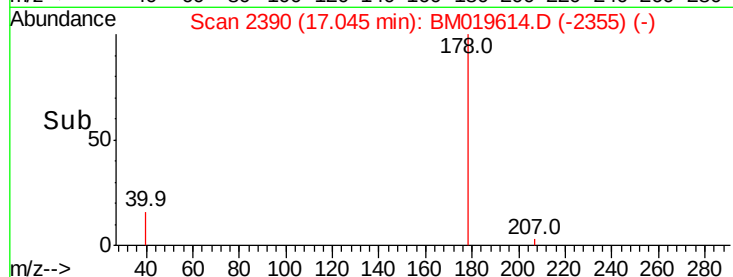
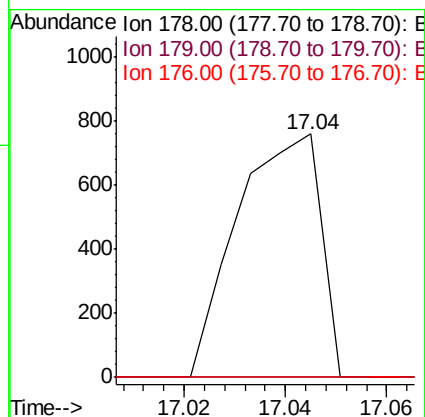
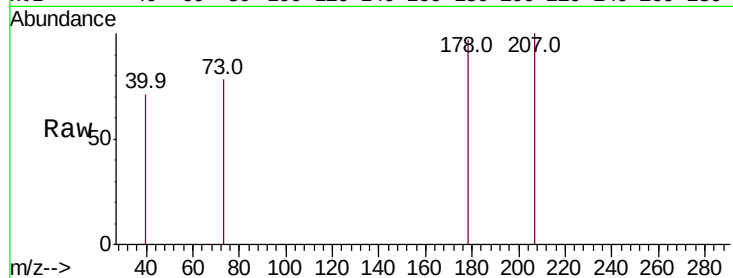
Tot Ion:178 Resp: 867

Ion Ratio Lower Upper

178 100

179 0.0 12.3 18.5#

176 0.0 15.4 23.0#



#72

Anthracene

Concen: 6.365 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

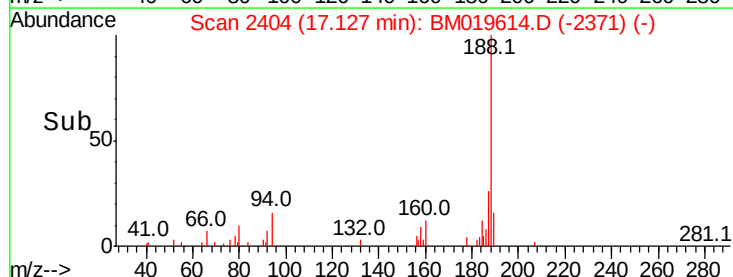
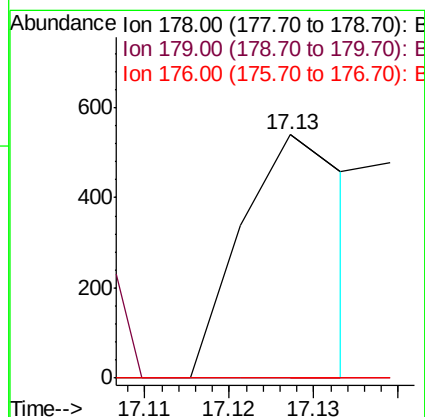
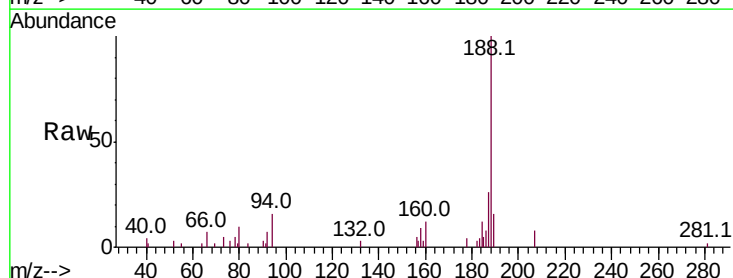
Tgt Ion:178 Resp: 472

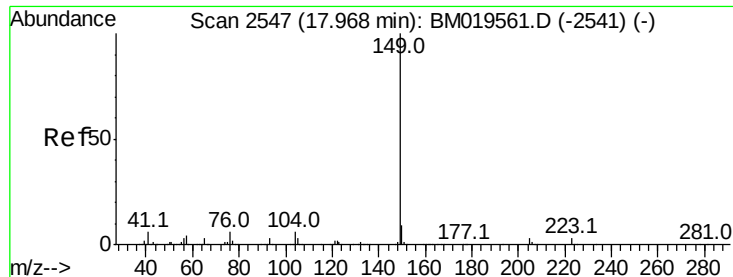
Ion Ratio Lower Upper

178 100

179 0.0 13.4 20.2#

176 0.0 15.4 23.0#





#76

Di-n-butylphthalate

Concen: 32.543 ng/ul

RT: 17.97 min Scan# 2547

Delta R.T. 0.00 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

Instrument :

BNA_M

ClientSampleId :

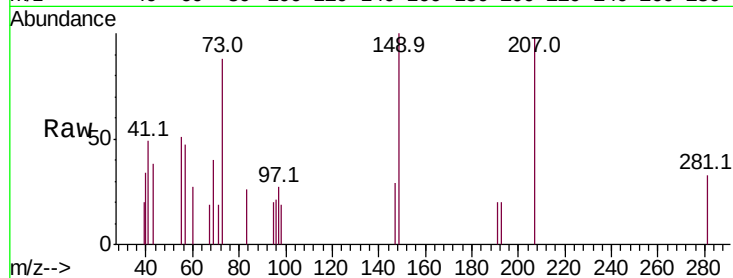
Tot Ion:149 Resp: 2399

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

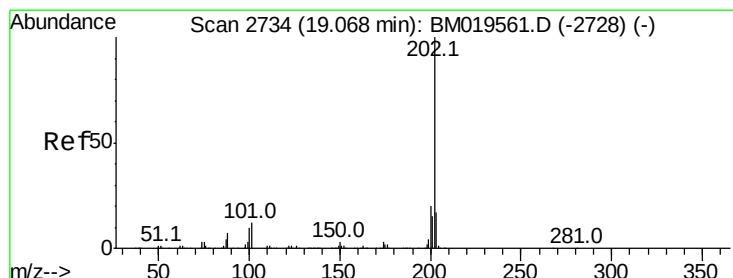
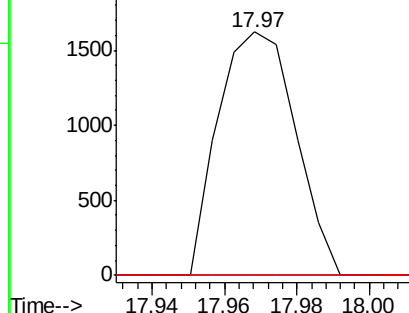
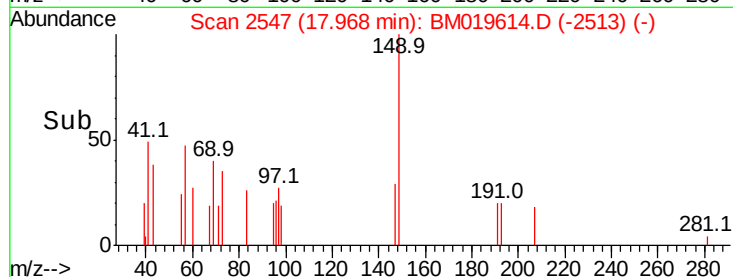
104 0.0 4.1 6.1#



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



#77

Fluoranthene

Concen: 13.363 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. 0.00 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

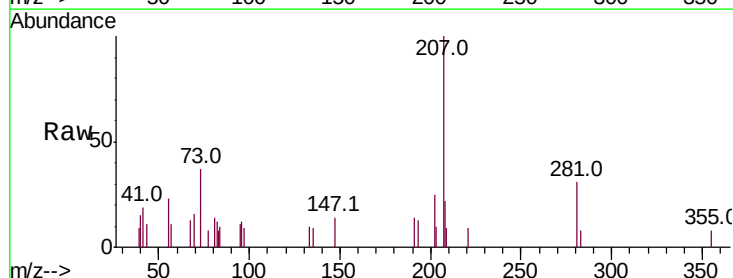
Tgt Ion:202 Resp: 1113

Ion Ratio Lower Upper

202 100

101 0.0 6.1 9.1#

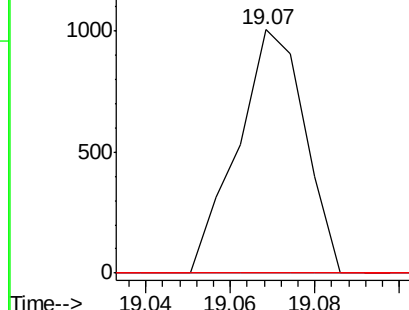
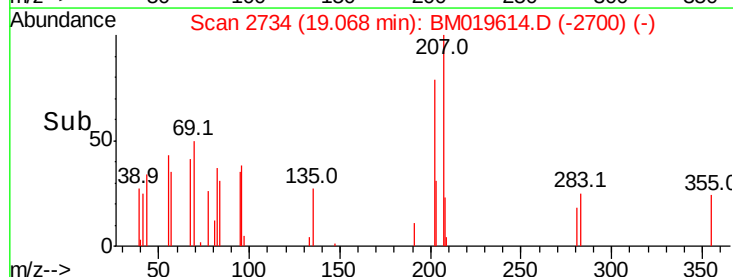
100 0.0 4.6 7.0#

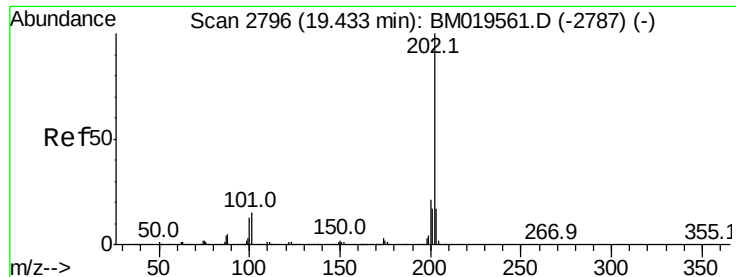


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

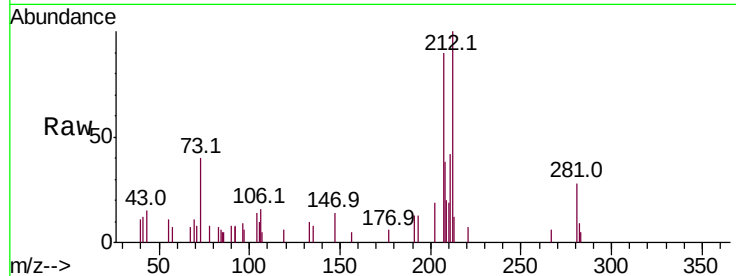




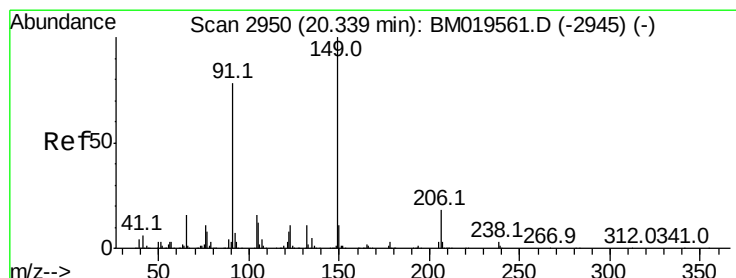
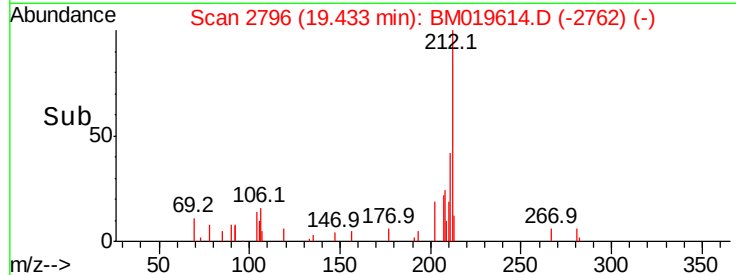
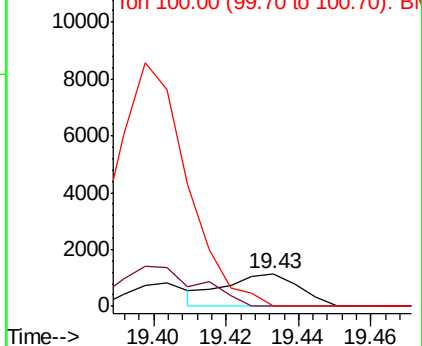
#80
Pvrene
Concen: 10.381 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BM019614.D
Acq: 30 Mar 2019 11:57

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	6.9	10.3#
100	0.0	5.6	8.4#

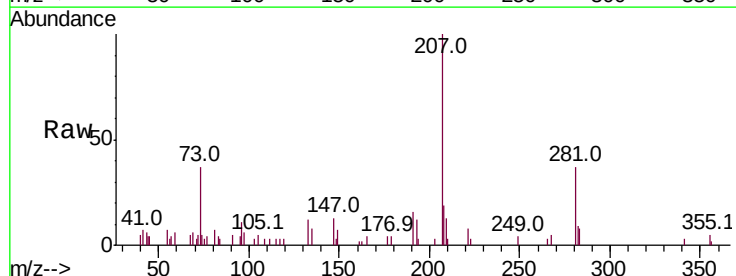


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

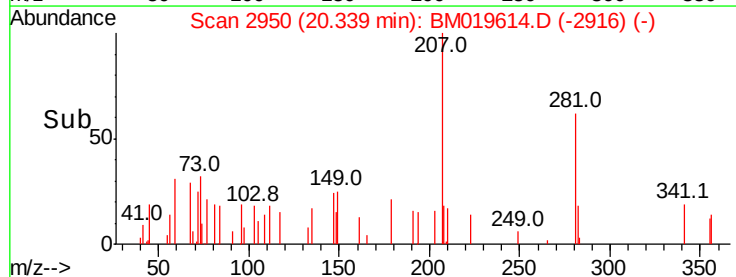
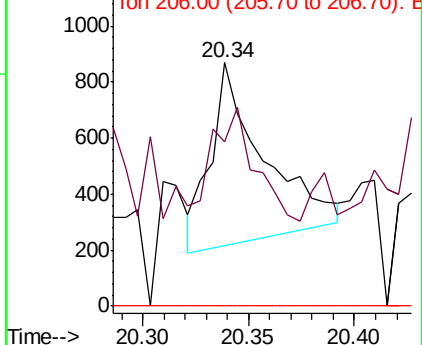


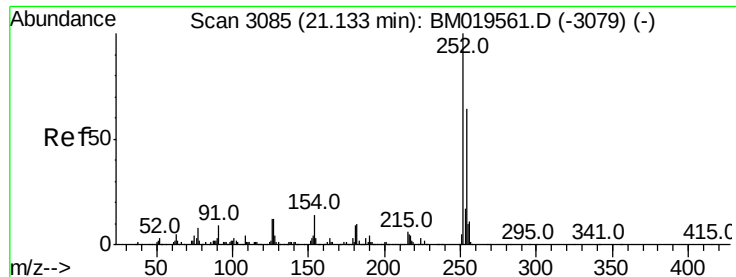
#81
Butylbenzylphthalate
Concen: 18.305 ng/ul
RT: 20.34 min Scan# 2950
Delta R.T. 0.00 min
Lab File: BM019614.D
Acq: 30 Mar 2019 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	53.4	80.0
206	0.0	19.3	28.9#



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





#82

3,3'-Dichlorobenzidine

Concen: 4.540 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. 0.02 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

Instrument :

BNA_M

ClientSampleId :

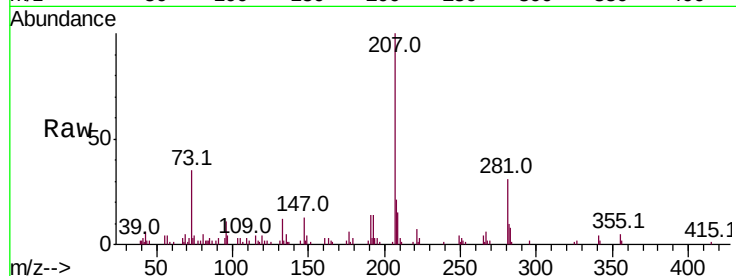
Tot Ion:252 Resp: 259

Ion Ratio Lower Upper

252 100

254 0.0 52.8 79.2#

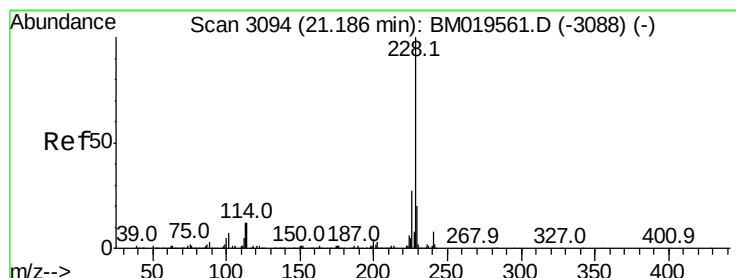
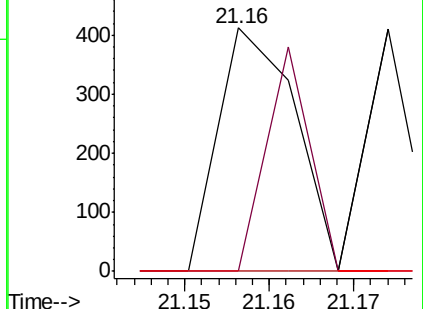
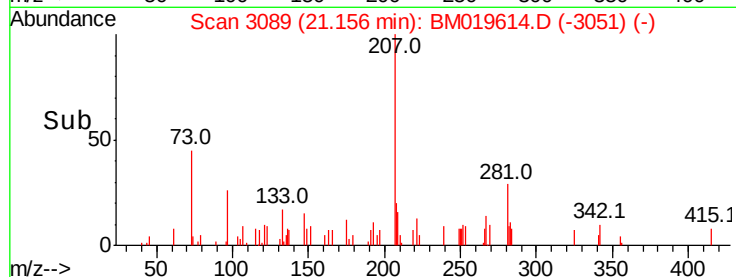
126 0.0 6.9 10.3#



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

Benzo(a)anthracene

Concen: 7.042 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

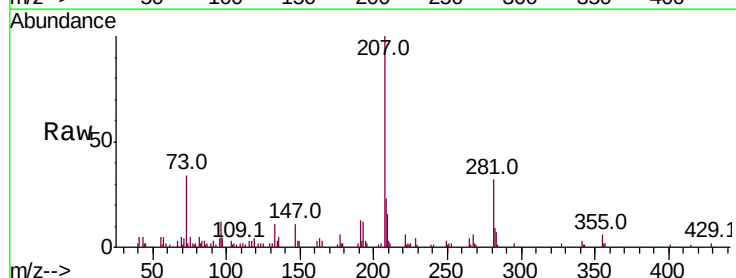
Tgt Ion:228 Resp: 1113

Ion Ratio Lower Upper

228 100

229 40.0 16.0 24.0#

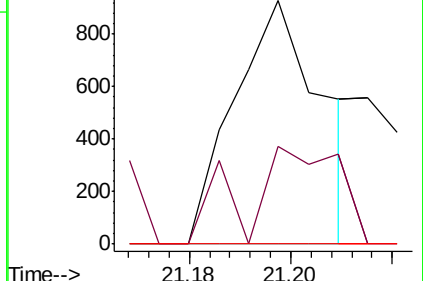
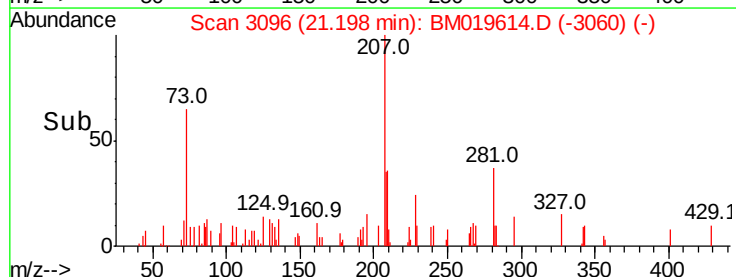
226 0.0 21.8 32.8#

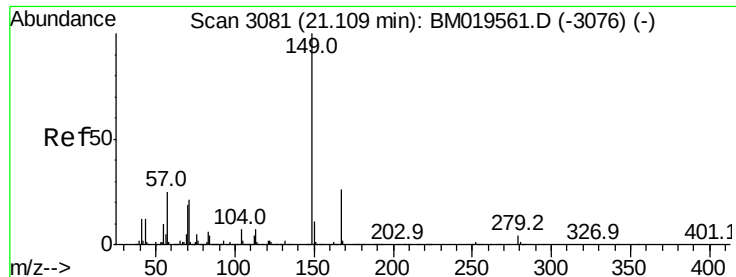


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 32.515 ng/ul

RT: 21.10 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

Instrument :

BNA_M

ClientSampleId :

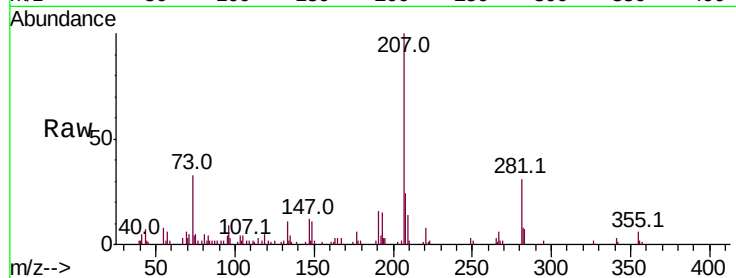
Tot Ion:149 Resp: 2948

Ion Ratio Lower Upper

149 100

167 27.4 23.0 34.6

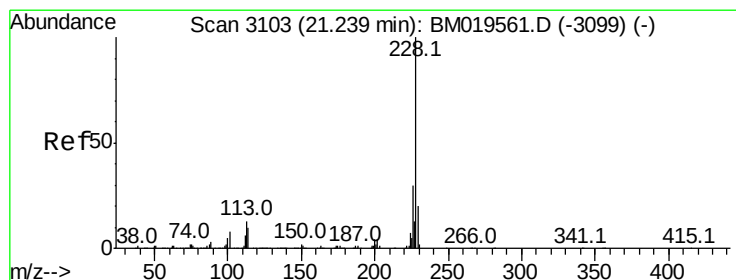
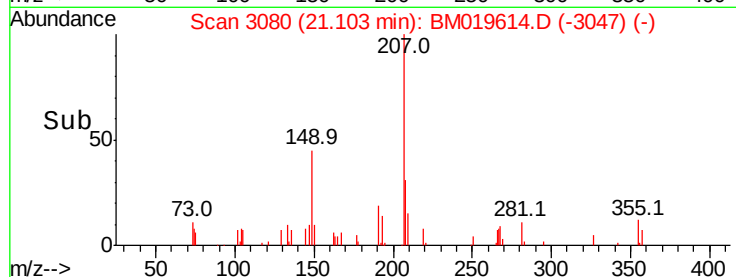
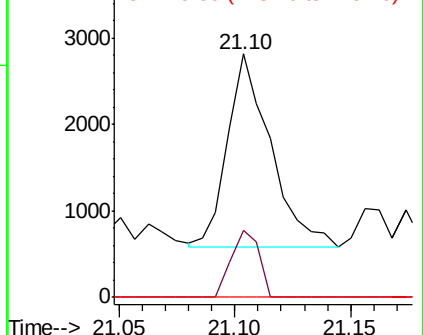
279 0.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 11.644 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.02 min

Lab File: BM019614.D

Acq: 30 Mar 2019 11:57

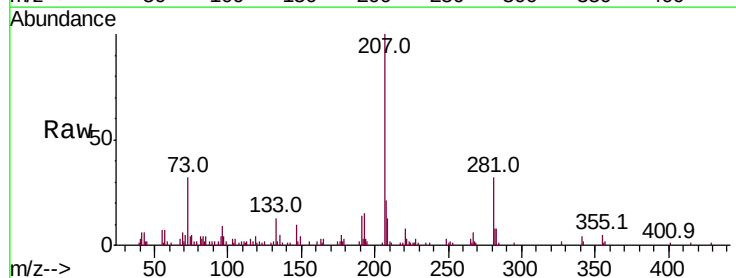
Tgt Ion:228 Resp: 1766

Ion Ratio Lower Upper

228 100

226 32.0 24.1 36.1

229 37.5 16.0 24.0#



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

