

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121918\
 Data File : BM018317.D
 Acq On : 20 Dec 2018 03:38
 Operator : JU/SJ
 Sample : J6461-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NCC-KEARNY-TOPSOIL

Quant Time: Dec 20 05:47:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	108737	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	385321	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	195092	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	408448	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	484298	20.00	ng	-0.02
87) Perylene-d12	23.29	264	544600	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	479376	73.64	ng	0.00
7) Phenol-d6	6.69	99	613064	67.76	ng	-0.02
23) Nitrobenzene-d5	8.64	82	388400	51.70	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	183042	63.92	ng	-0.01
45) 2-Fluorobiphenyl	12.74	172	695220	46.16	ng	-0.02
79) Terphenyl-d14	19.56	244	926761	43.28	ng	-0.01

Target Compounds				Qvalue		
3) Pyridine	3.50	79	114	0.015	ng	# 34
4) n-Nitrosodimethylamine	3.45	42	238	0.091	ng	# 1
9) Benzaldehyde	6.63	77	421	0.076	ng	# 2
10) Phenol	6.71	94	45298	4.728	ng	# 89
15) Benzyl Alcohol	7.79	79	7458	1.012	ng	# 45
20) 3+4-Methylphenols	8.30	107	466	0.052	ng	# 43
22) Acetophenone	8.32	105	120	0.012	ng	# 56
24) Nitrobenzene	8.69	77	841	0.112	ng	# 40
25) Isophorone	9.22	82	110	0.009	ng	# 66
46) 1,1'-Biphenyl	12.97	154	1787	0.102	ng	# 83
49) Acenaphthylene	13.86	152	2582	0.133	ng	# 61
50) Dimethylphthalate	13.62	163	44043	2.715	ng	# 95
52) Acenaphthene	14.21	154	127	0.011	ng	# 5
58) Fluorene	15.22	166	762	0.052	ng	# 76
60) Diethylphthalate	15.00	149	230	0.013	ng	# 59
63) Azobenzene	15.50	77	647	0.041	ng	# 51
71) Phenanthrene	16.95	178	17591	0.793	ng	# 96
72) Anthracene	17.05	178	5409	0.246	ng	# 93
73) Carbazole	17.34	167	1911	0.085	ng	# 60
74) Di-n-butylphthalate	17.89	149	2319	0.083	ng	# 76
75) Fluoranthene	18.98	202	48341	1.874	ng	# 97
78) Pyrene	19.35	202	45812	1.588	ng	# 100
80) Butylbenzylphthalate	20.27	149	899	0.065	ng	# 82
81) Benzo(a)anthracene	21.11	228	29354	1.038	ng	# 97
82) 3,3'-Dichlorobenzidine	21.05	252	256	0.023	ng	# 27
83) Chrysene	21.16	228	30546	1.123	ng	# 95
84) Bis(2-ethylhexyl)phthalate	21.05	149	6544	0.320	ng	# 96
85) Di-n-octyl phthalate	21.90	149	167	0.005	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.41	276	21911	0.808	ng	# 79
88) Benzo(b)fluoranthene	22.65	252	38360	1.254	ng	# 82
89) Benzo(k)fluoranthene	22.65	252	38279	1.256	ng	# 81
90) Benzo(a)pyrene	23.19	252	27361	0.940	ng	# 83
91) Dibenzo(a,h)anthracene	25.42	278	7977	0.296	ng	# 52
92) Benzo(g,h,i)perylene	26.07	276	22317	0.876	ng	# 84

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QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

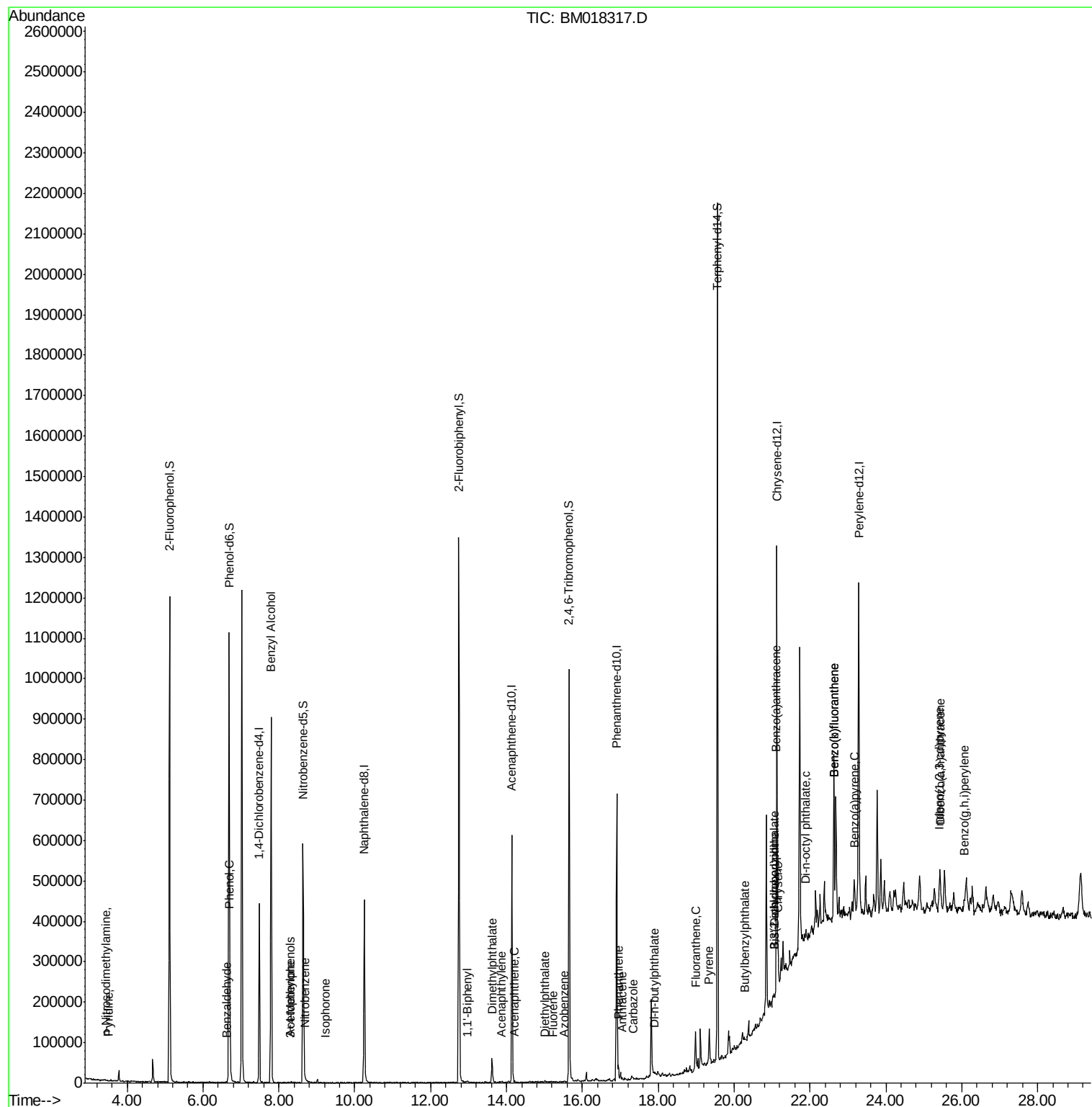
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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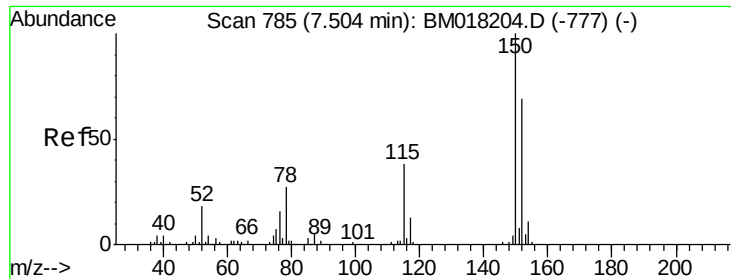
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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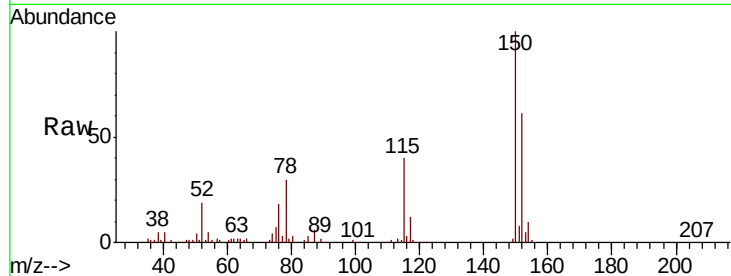


#1

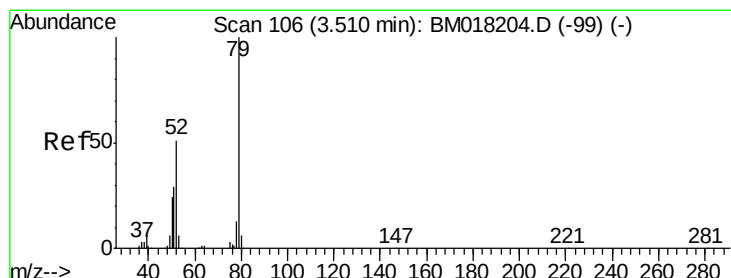
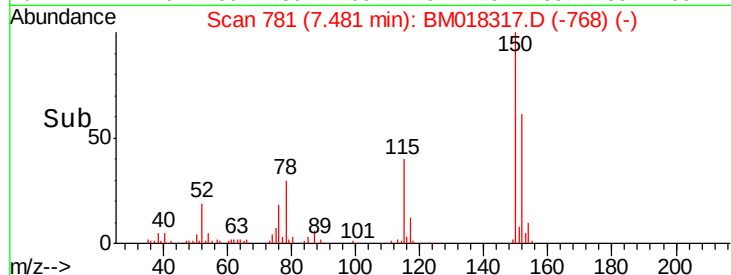
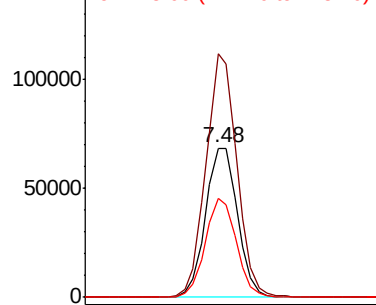
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.5	116.1	174.1
115	66.1	44.6	67.0



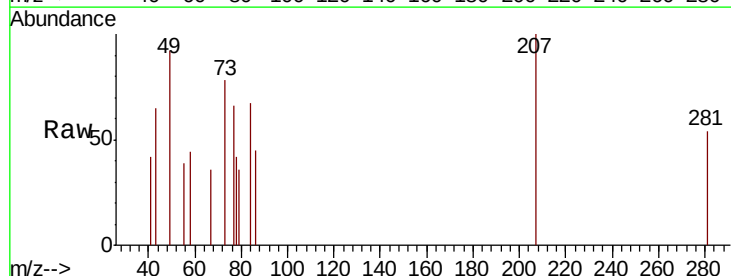
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



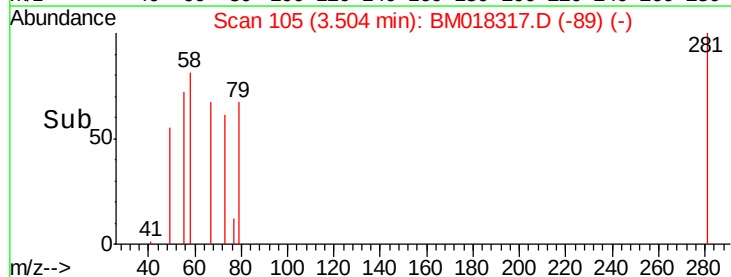
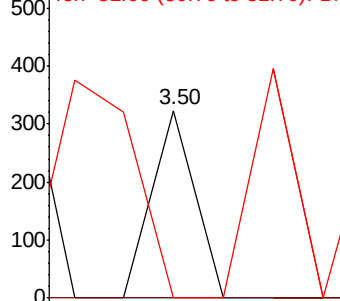
#3

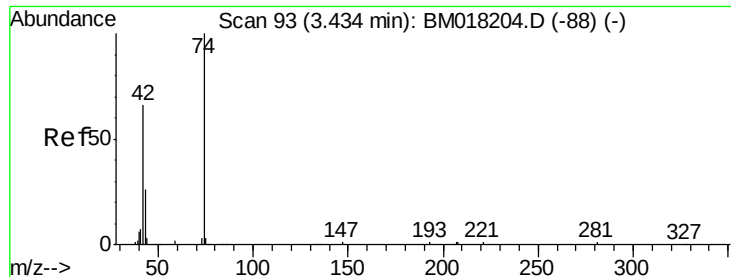
Pyridine
Concen: 0.015 ng
RT: 3.50 min Scan# 105
Delta R.T. -0.01 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion	Ratio	Lower	Upper
79	100		
52	0.0	40.7	61.1#
51	0.0	23.0	34.6#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#4

n-Nitrosodimethylamine

Concen: 0.091 ng

RT: 3.45 min Scan# 95

Delta R.T. 0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

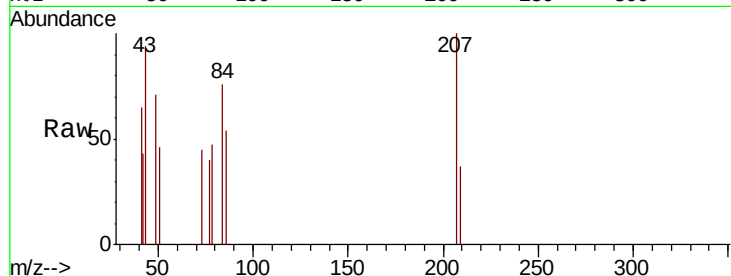
Tgt Ion: 42 Resp: 238

Ion Ratio Lower Upper

42 100

74 0.0 120.4 180.6#

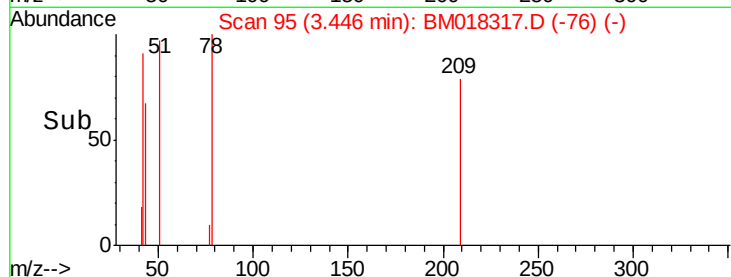
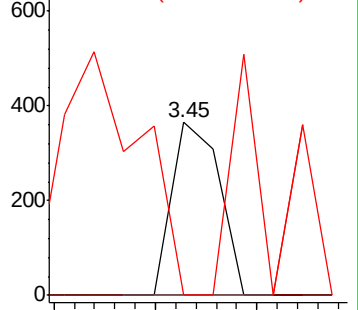
44 0.0 4.6 7.0#



Abundance Ion 42.00 (41.70 to 42.70): BM018204.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM018204.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM018204.D (-88) (-)



#5

2-Fluorophenol

Concen: 73.645 ng

RT: 5.12 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

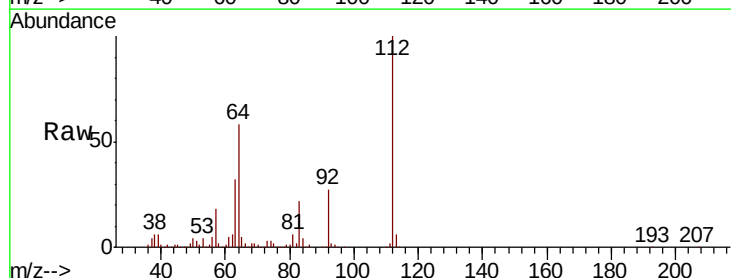
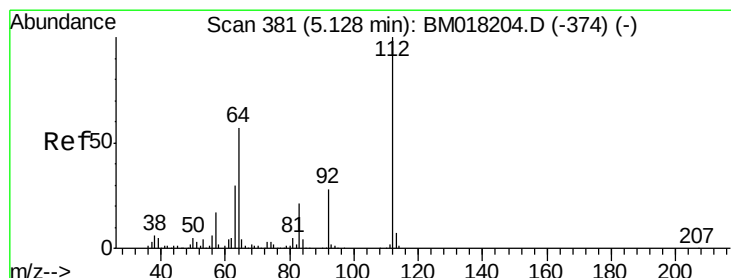
Tgt Ion: 112 Resp: 479376

Ion Ratio Lower Upper

112 100

64 57.6 45.4 68.2

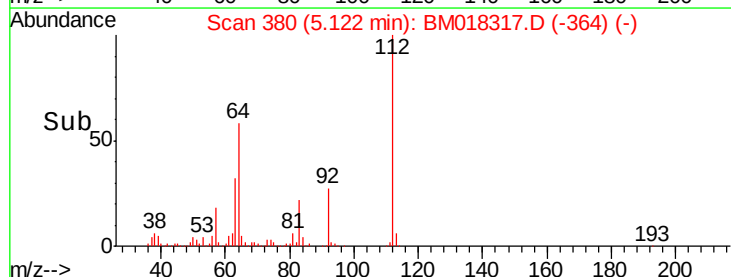
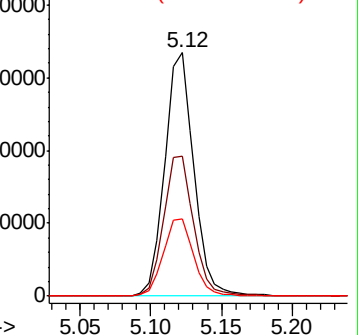
63 32.0 24.0 36.0

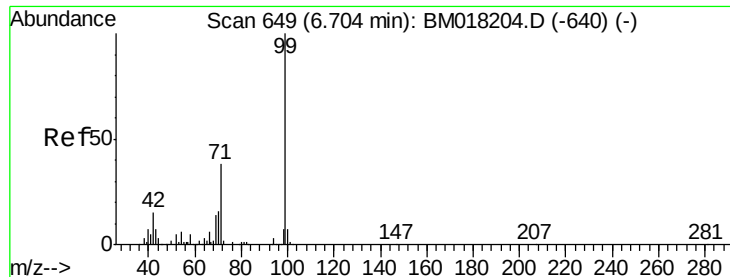


Abundance Ion 112.00 (111.70 to 112.70): BM018204.D (-374) (-)

Ion 64.00 (63.70 to 64.70): BM018204.D (-374) (-)

Ion 63.00 (62.70 to 63.70): BM018204.D (-374) (-)





#7

Phenol-d6

Concen: 67.761 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

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NCC-KEARNY-TOPSOIL

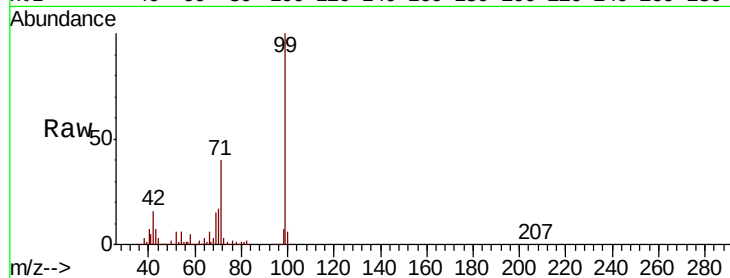
Tgt Ion: 99 Resp: 613064

Ion Ratio Lower Upper

99 100

42 16.3 12.3 18.5

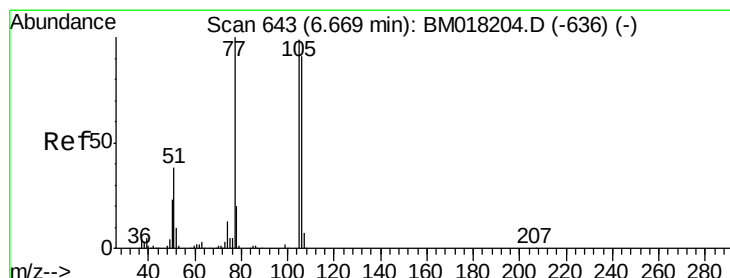
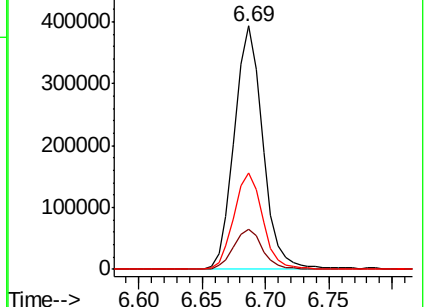
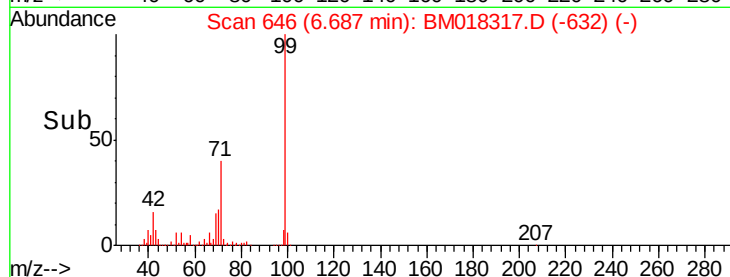
71 39.8 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018317.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018317.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018317.D (-632) (-)



#9

Benzaldehyde

Concen: 0.076 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.04 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

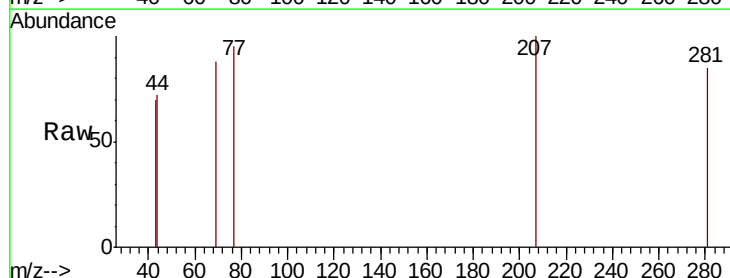
Tgt Ion: 77 Resp: 421

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

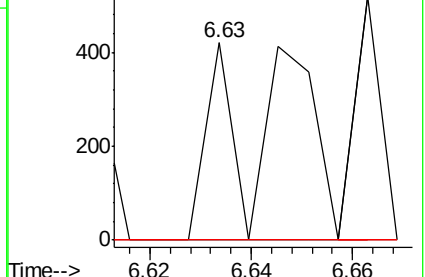
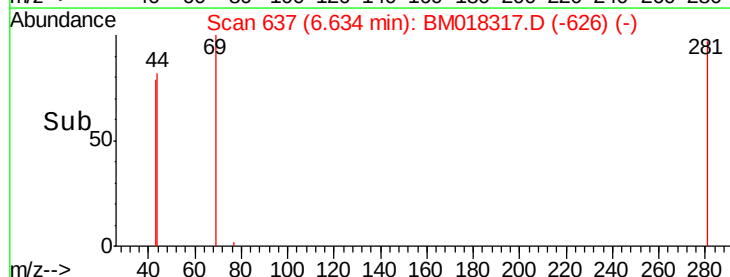
106 0.0 70.7 110.7#

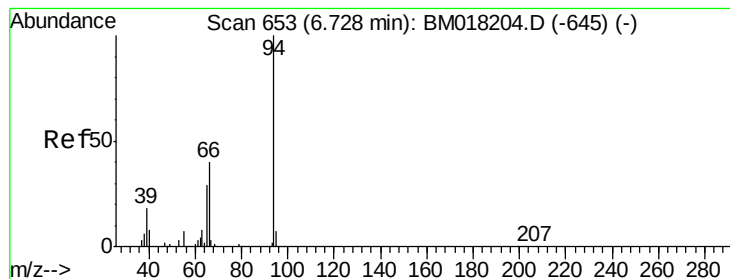


Abundance Ion 77.00 (76.70 to 77.70): BM018317.D (-626) (-)

Ion 105.00 (104.70 to 105.70): BM018317.D (-626) (-)

Ion 106.00 (105.70 to 106.70): BM018317.D (-626) (-)





#10

Phenol

Concen: 4.728 ng

RT: 6.71 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

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NCC-KEARNY-TOPSOIL

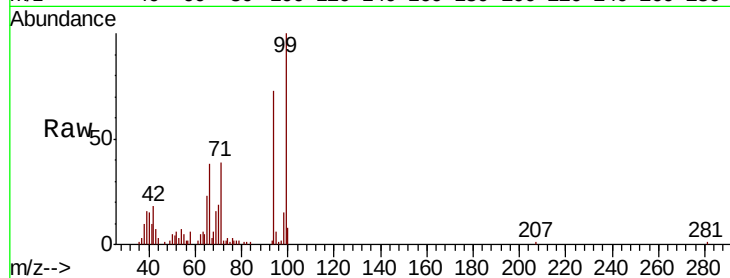
Tgt Ion: 94 Resp: 45298

Ion Ratio Lower Upper

94 100

65 31.3 9.5 49.5

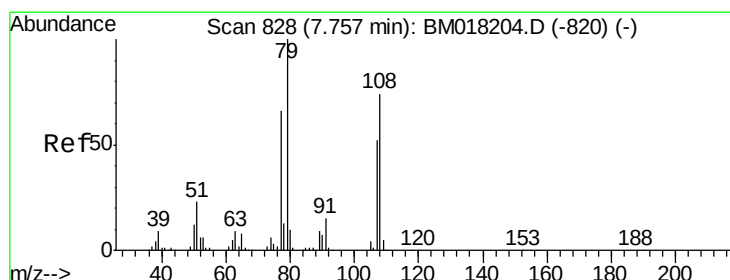
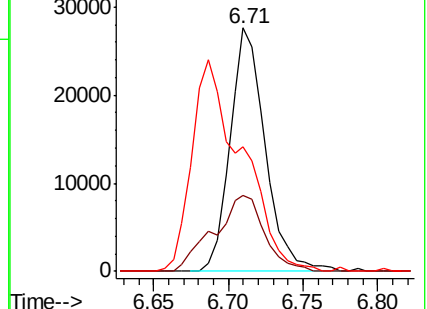
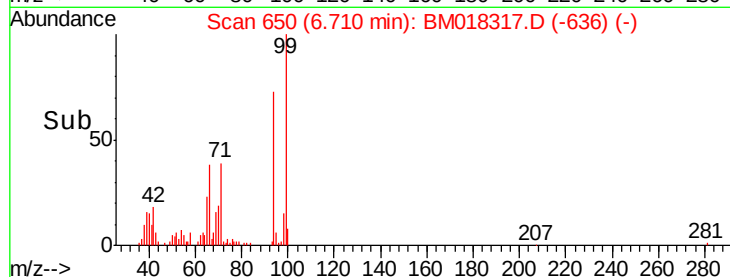
66 51.4 21.3 61.3



Abundance Ion 94.00 (93.70 to 94.70): BM018317.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018317.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018317.D (-636) (-)



#15

Benzyl Alcohol

Concen: 1.012 ng

RT: 7.79 min Scan# 834

Delta R.T. 0.04 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

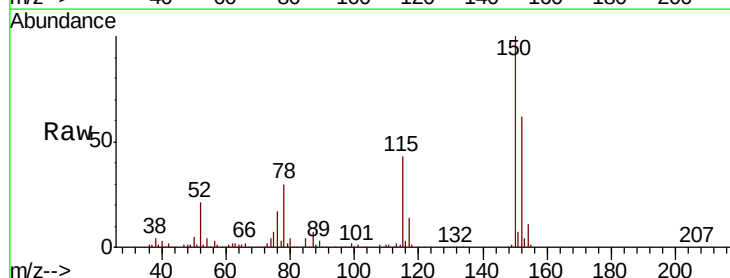
Tgt Ion: 79 Resp: 7458

Ion Ratio Lower Upper

79 100

108 36.2 59.3 88.9#

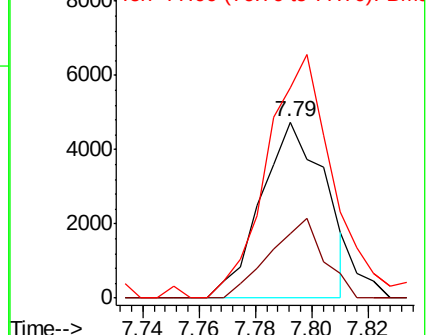
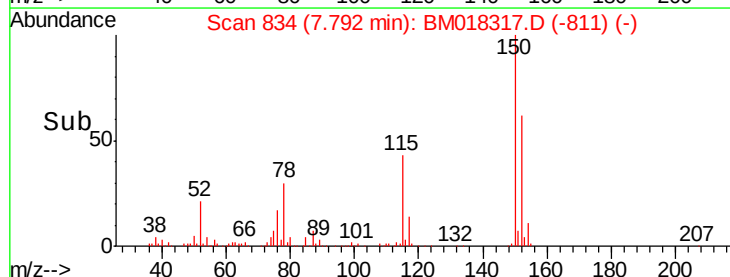
77 119.8 53.0 79.4#

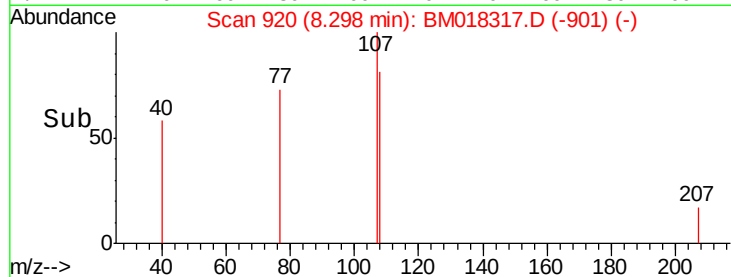
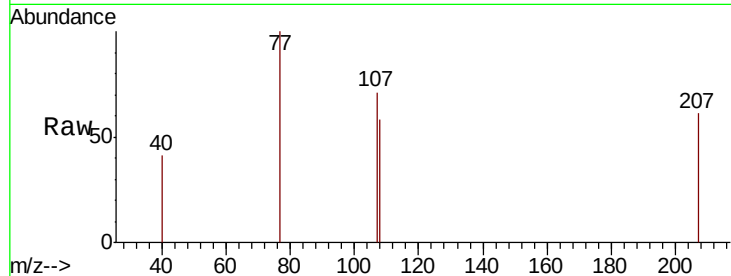
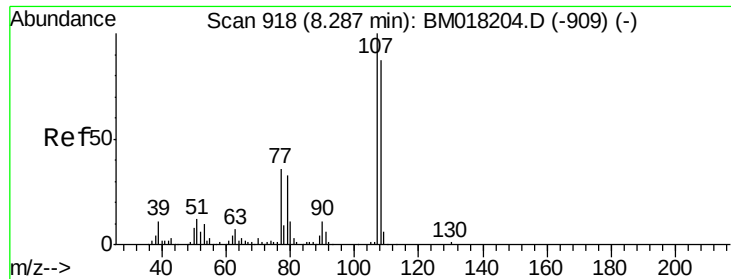


Abundance Ion 79.00 (78.70 to 79.70): BM018317.D (-811) (-)

Ion 108.00 (107.70 to 108.70): BM018317.D (-811) (-)

Ion 77.00 (76.70 to 77.70): BM018317.D (-811) (-)

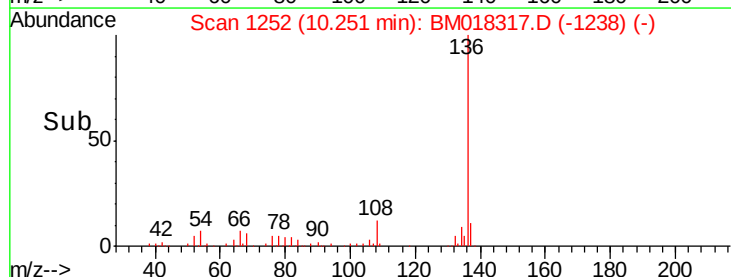
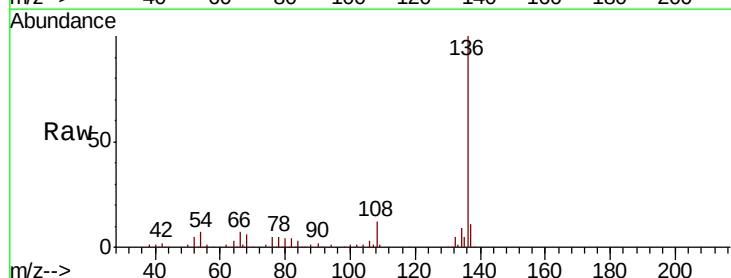
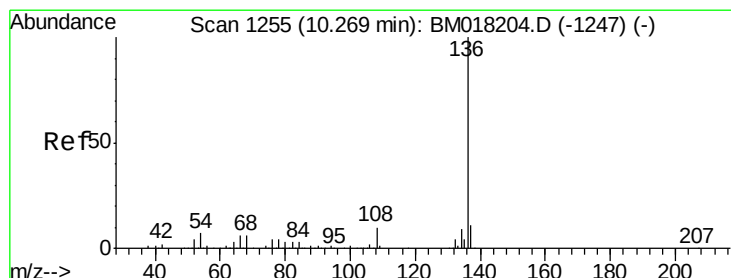
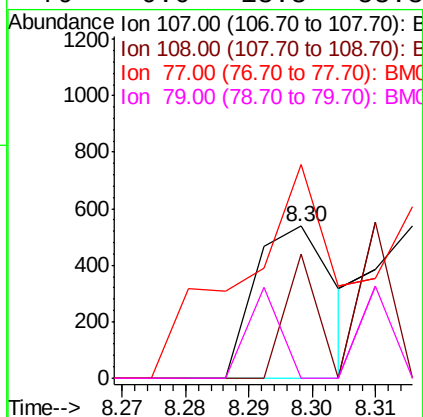




#20
3+4-Methylphenols
Concen: 0.052 ng
RT: 8.30 min Scan# 920
Delta R.T. 0.01 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

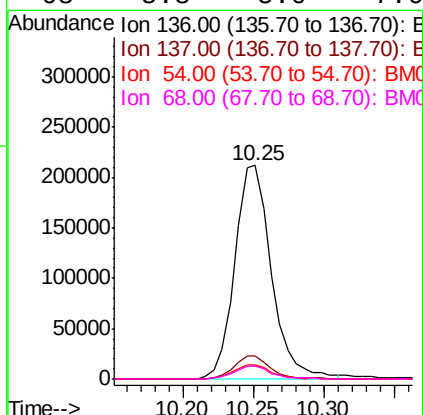
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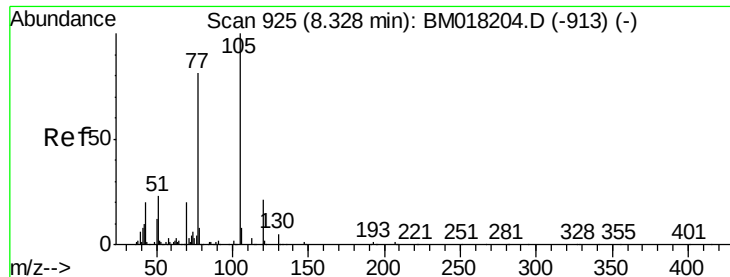
Tgt Ion:107 Resp: 466
Ion Ratio Lower Upper
107 100
108 81.3 67.4 107.4
77 140.3 15.7 55.7#
79 0.0 13.3 53.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion:136 Resp: 385321
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.7 5.2 7.8
68 5.8 5.0 7.6





#22

Acetophenone

Concen: 0.012 ng

RT: 8.32 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

Tgt Ion: 105 Resp: 120

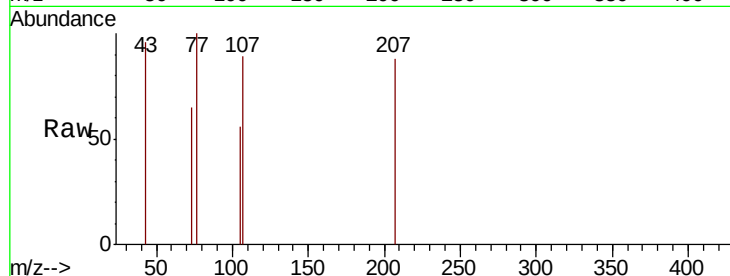
Ion Ratio Lower Upper

105 100

71 0.0 2.6 4.0#

51 0.0 18.3 27.5#

120 0.0 17.0 25.6#

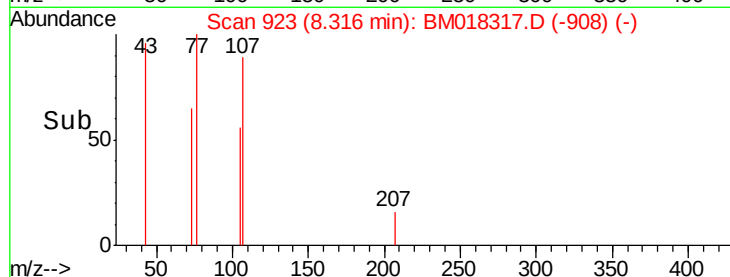
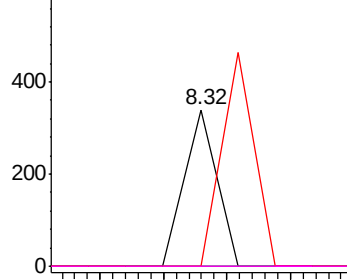


Abundance Ion 105.00 (104.70 to 105.70): E

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: 51.703 ng

RT: 8.64 min Scan# 978

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

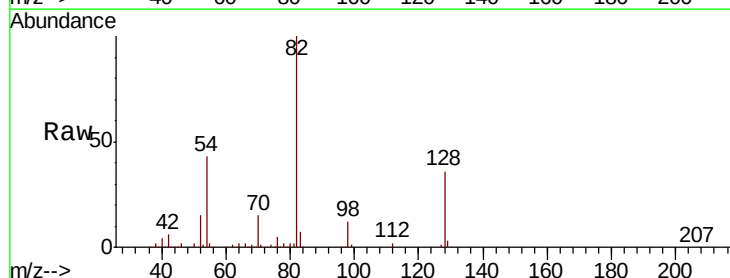
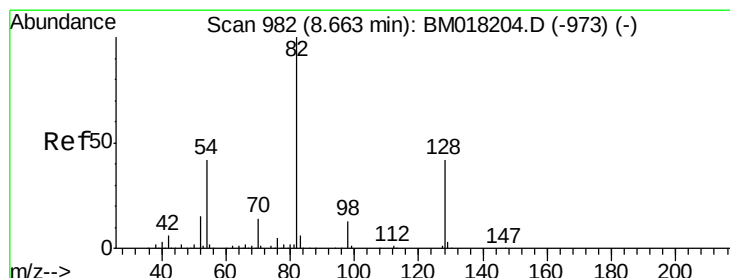
Tgt Ion: 82 Resp: 388400

Ion Ratio Lower Upper

82 100

128 35.9 33.4 50.2

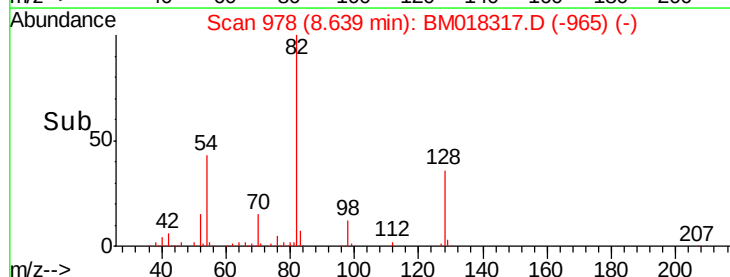
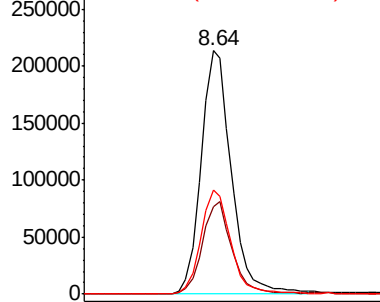
54 42.7 33.4 50.2

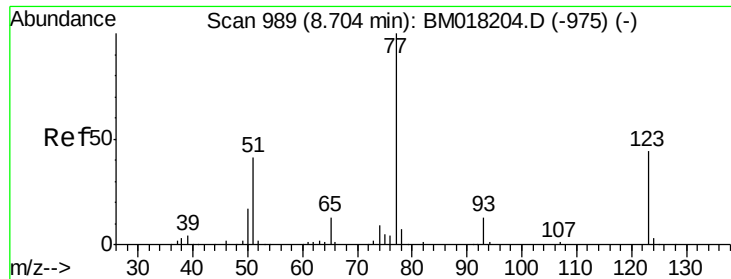


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

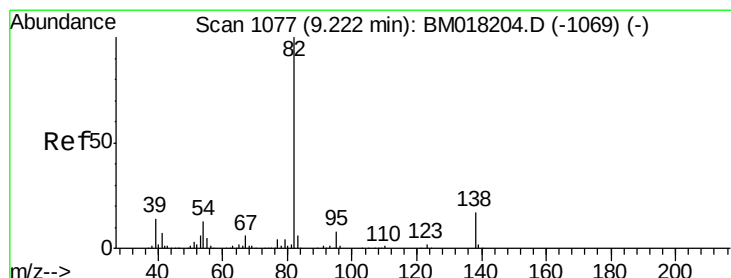
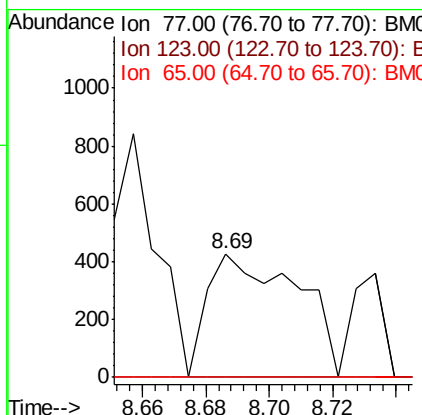
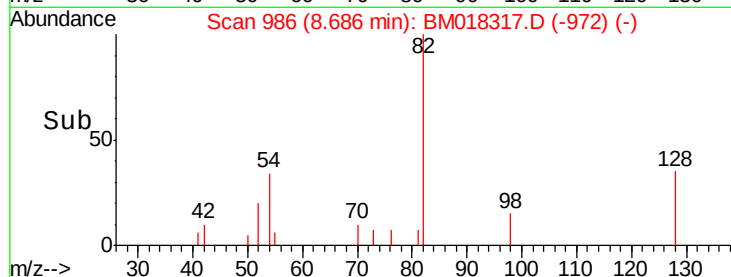
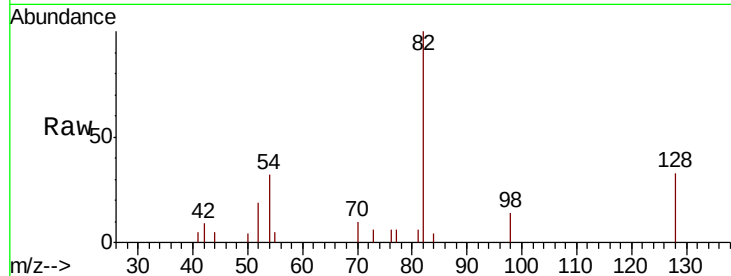




#24
Nitrobenzene
Concen: 0.112 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

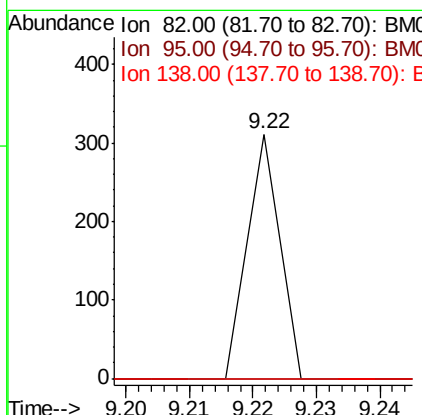
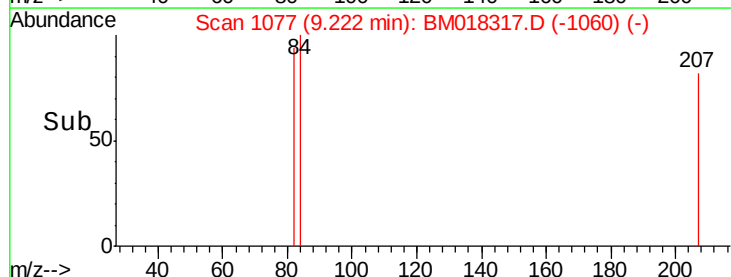
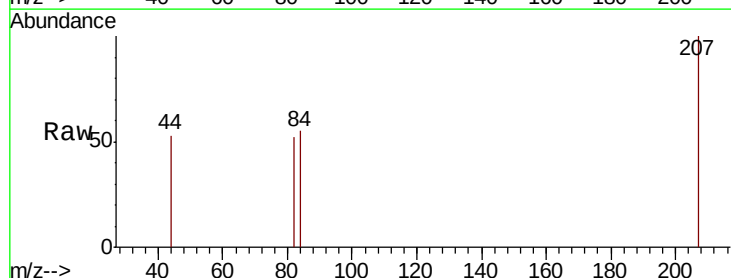
Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

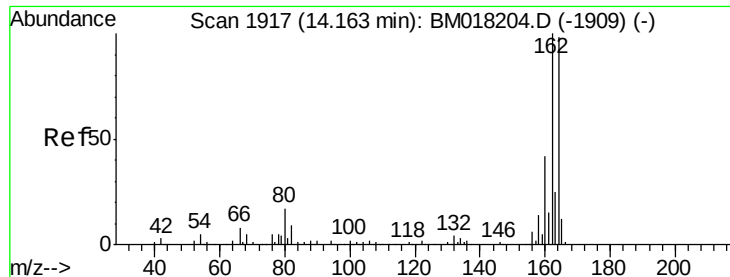
Tgt Ion: 77 Resp: 841
Ion Ratio Lower Upper
77 100
123 0.0 35.4 53.2#
65 0.0 10.6 15.8#



#25
Isophorone
Concen: 0.009 ng
RT: 9.22 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion: 82 Resp: 110
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#

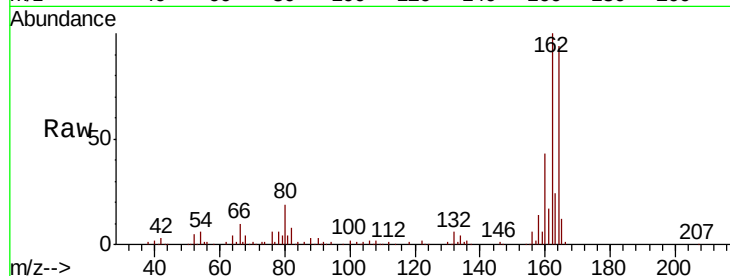




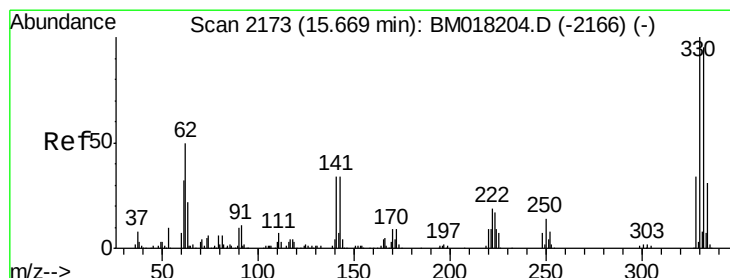
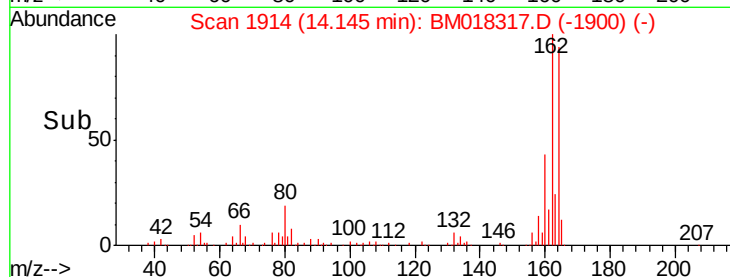
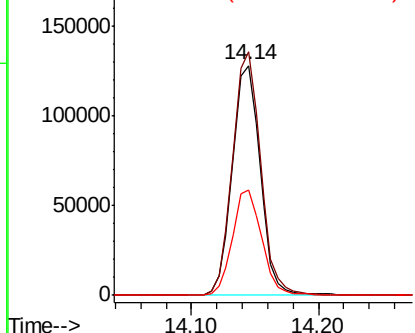
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

Tgt Ion:164 Resp: 195092
Ion Ratio Lower Upper
164 100
162 105.8 81.8 122.6
160 45.6 34.6 51.8

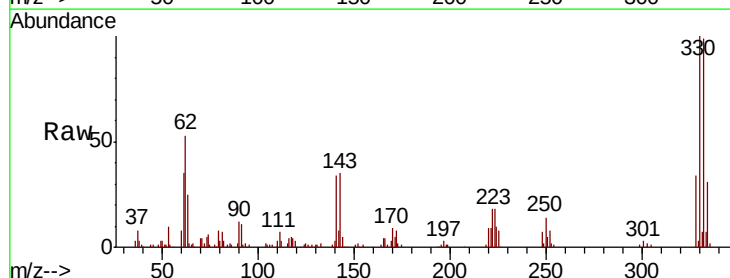


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

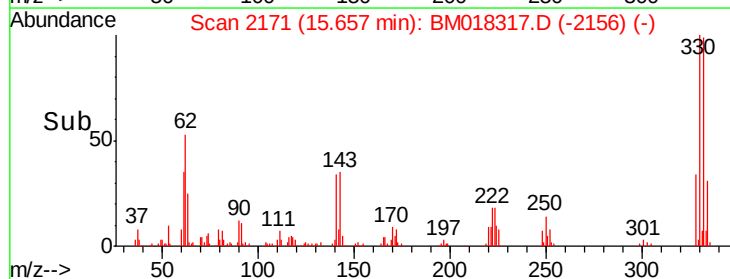
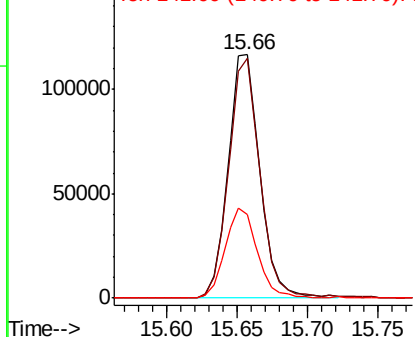


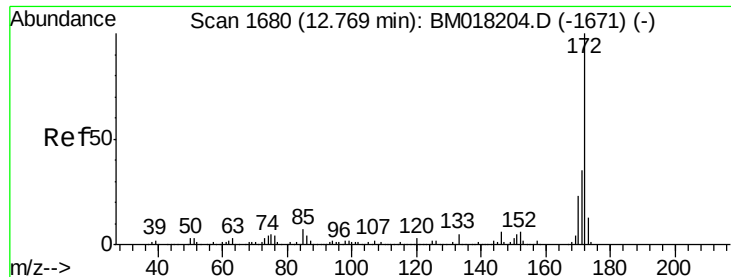
#42
2,4,6-Tribromophenol
Concen: 63.924 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion:330 Resp: 183042
Ion Ratio Lower Upper
330 100
332 96.7 78.6 118.0
141 37.5 27.1 40.7



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

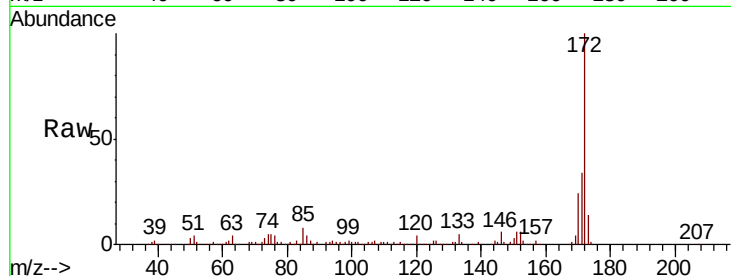




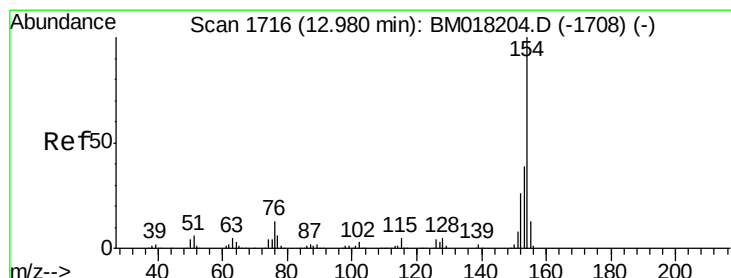
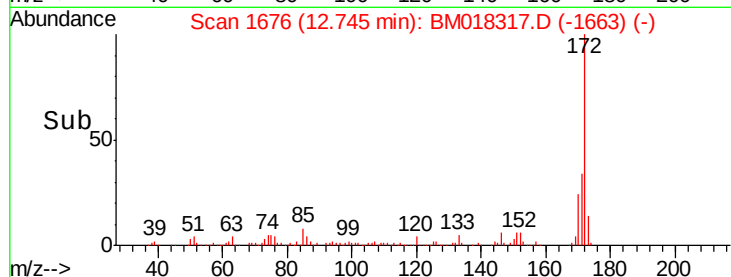
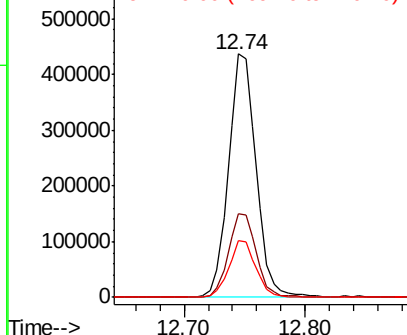
#45
2-Fluorobiphenyl
Concen: 46.156 ng
RT: 12.74 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

Tgt Ion:172 Resp: 695220
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.5 18.1 27.1

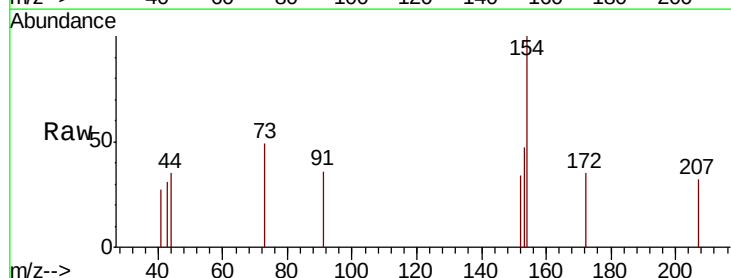


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

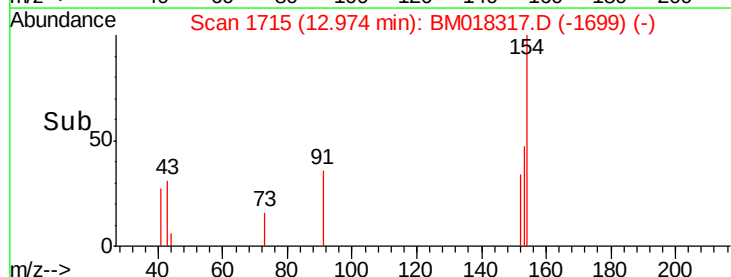
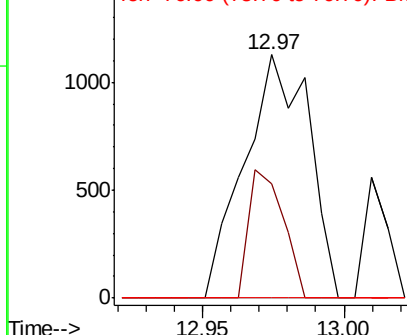


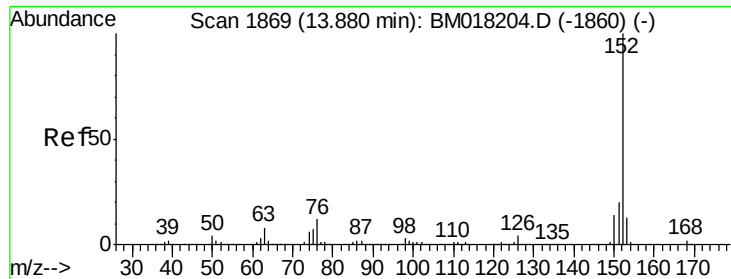
#46
1,1'-Biphenyl
Concen: 0.102 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion:154 Resp: 1787
Ion Ratio Lower Upper
154 100
153 47.1 19.5 59.5
76 0.0 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





#49

Acenaphthylene

Concen: 0.133 ng

RT: 13.86 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

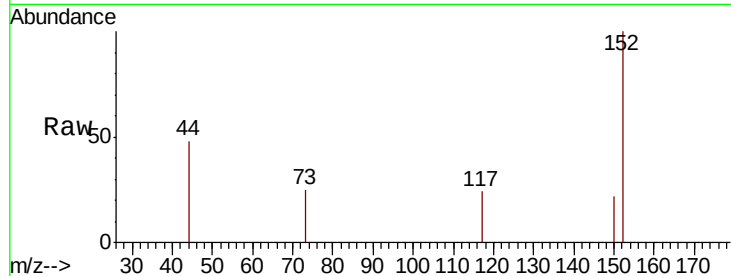
Tgt Ion:152 Resp: 2582

Ion Ratio Lower Upper

152 100

151 0.0 16.0 24.0#

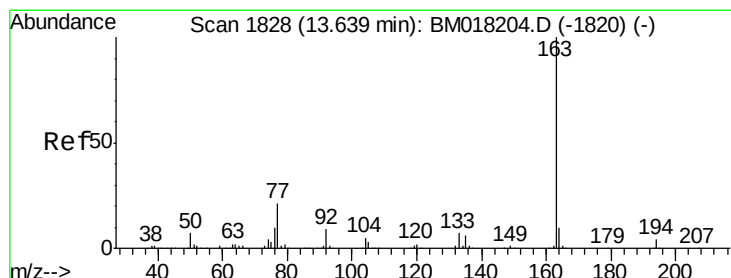
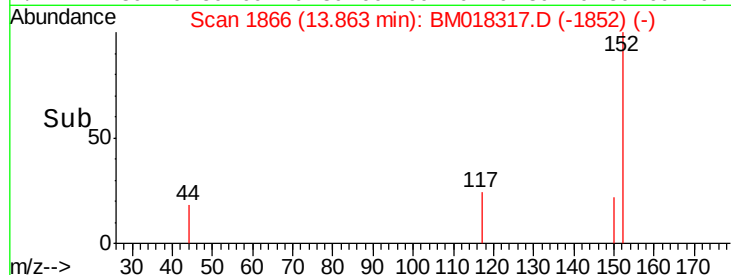
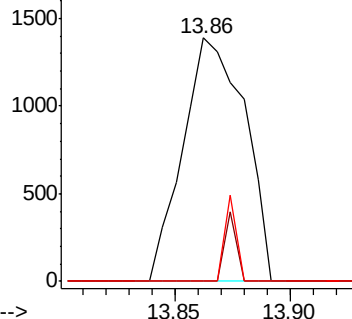
153 0.0 10.2 15.2#



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



#50

Dimethylphthalate

Concen: 2.715 ng

RT: 13.62 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

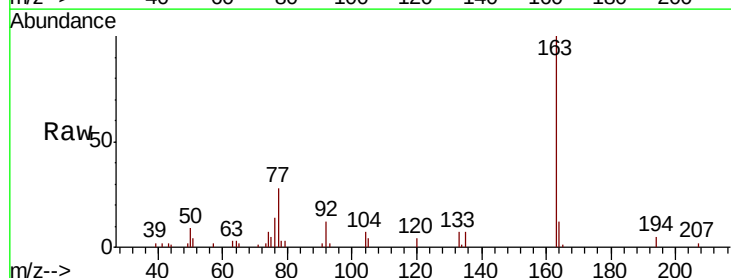
Tgt Ion:163 Resp: 44043

Ion Ratio Lower Upper

163 100

194 5.0 3.1 4.7#

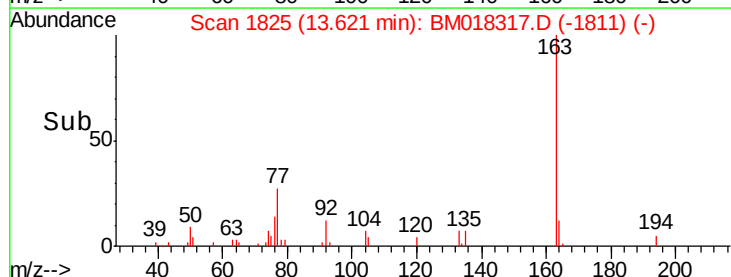
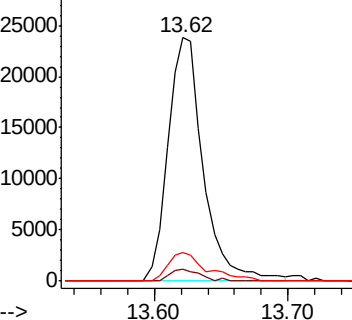
164 11.9 7.9 11.9

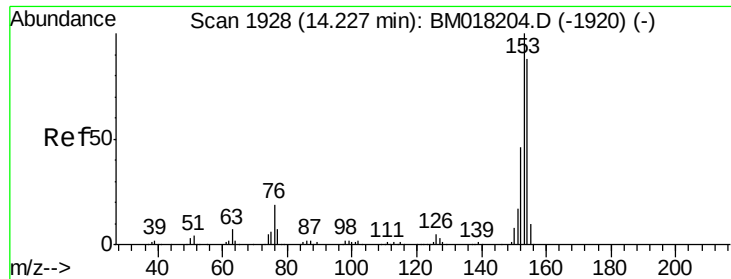


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.011 ng

RT: 14.21 min Scan# 1925

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

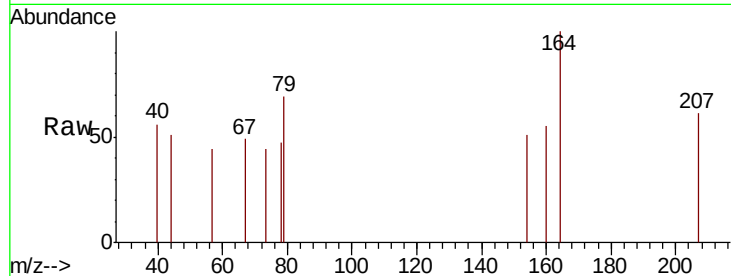
Tgt Ion:154 Resp: 127

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

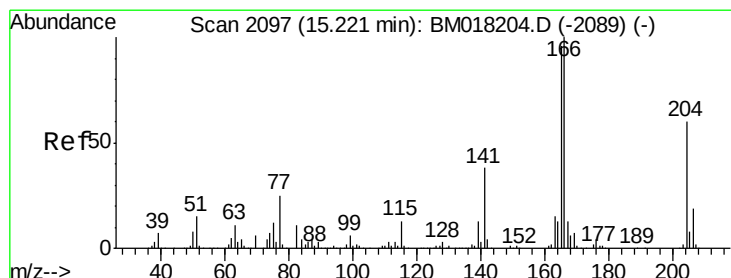
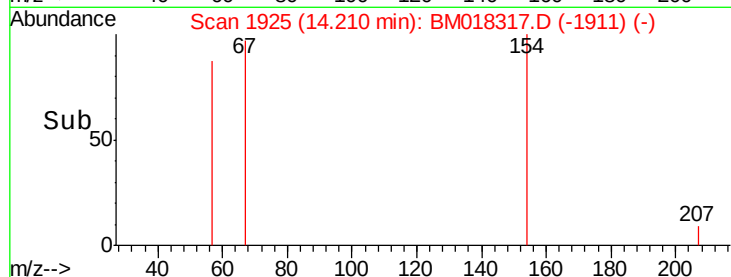
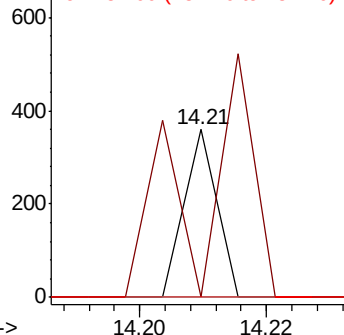
152 0.0 41.2 61.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 0.052 ng

RT: 15.22 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

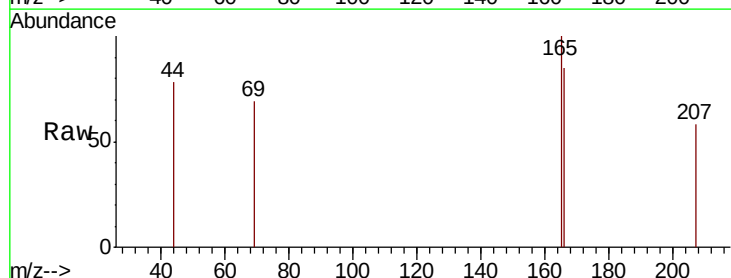
Tgt Ion:166 Resp: 762

Ion Ratio Lower Upper

166 100

165 118.0 76.9 115.3#

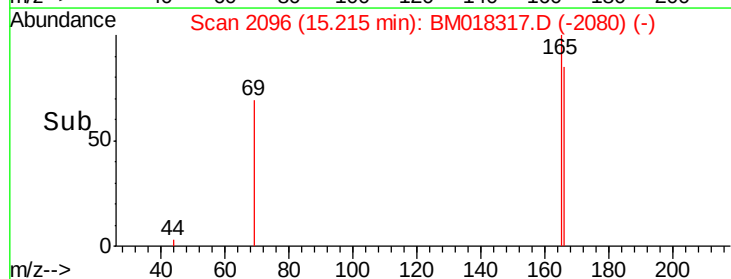
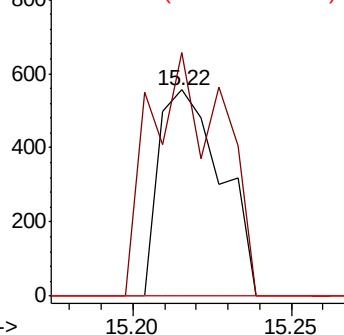
167 0.0 10.5 15.7#

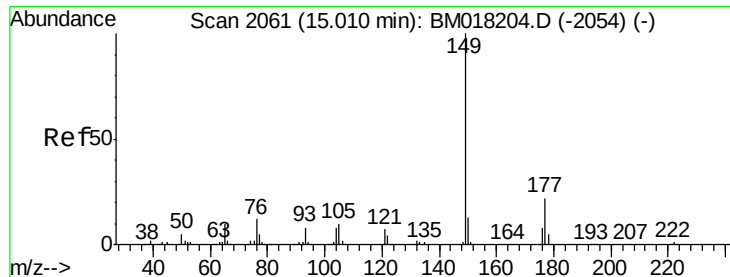


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

Diethylphthalate

Concen: 0.013 ng

RT: 15.00 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

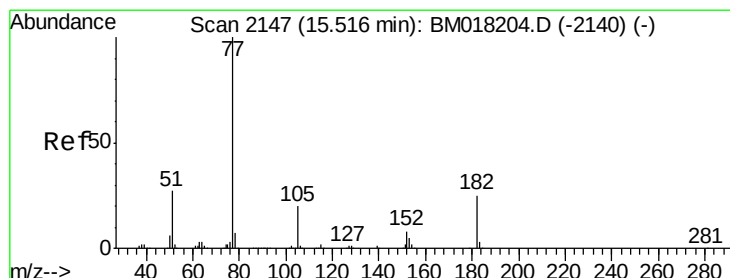
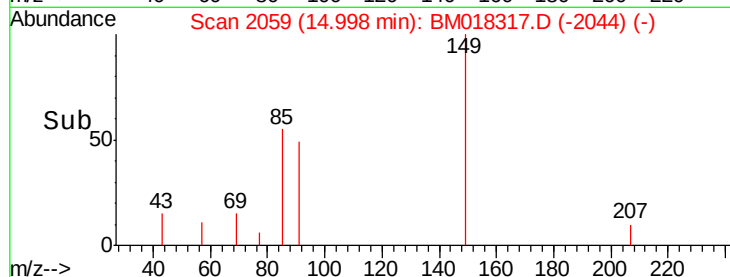
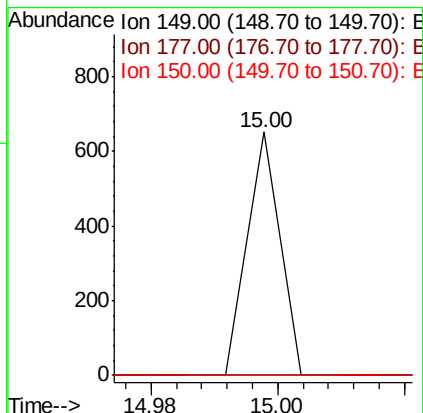
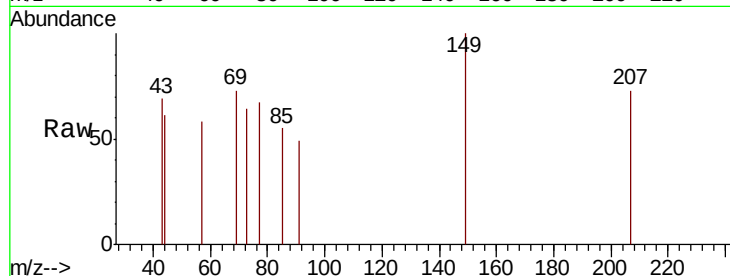
Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

Tgt Ion:	149	Resp:	230
Ion Ratio	Lower	Upper	
149	100		
177	0.0	17.8	26.8#
150	0.0	10.3	15.5#



#63

Azobenzene

Concen: 0.041 ng

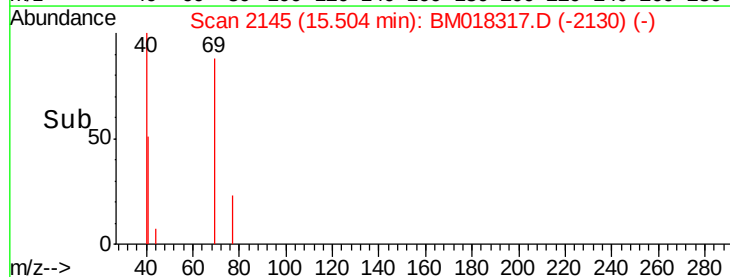
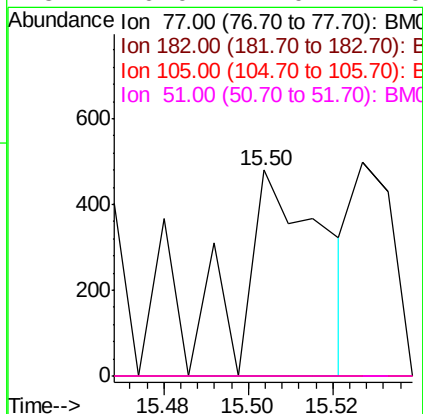
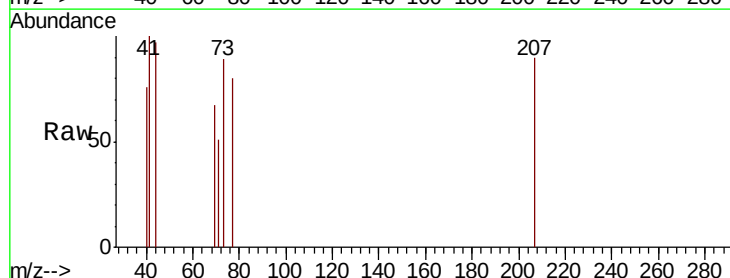
RT: 15.50 min Scan# 2145

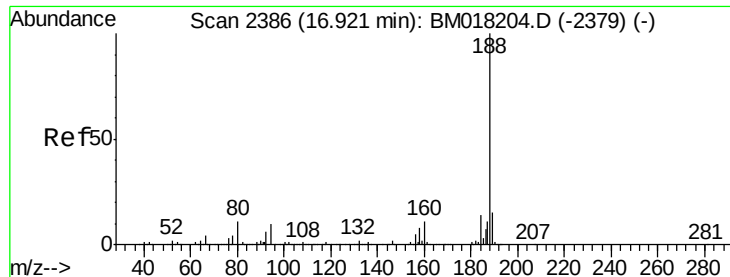
Delta R.T. -0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Tgt Ion:	77	Resp:	647
Ion Ratio	Lower	Upper	
77	100		
182	0.0	4.6	44.6#
105	0.0	0.2	40.2#
51	0.0	7.0	47.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

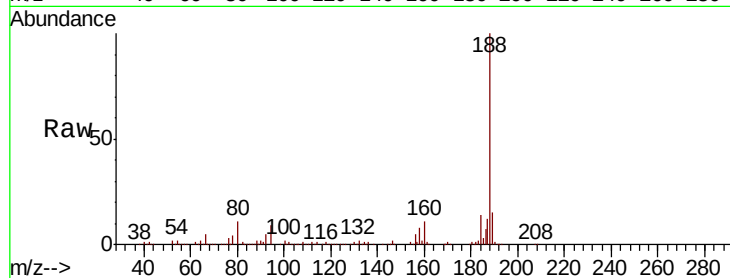
Tgt Ion:188 Resp: 408448

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

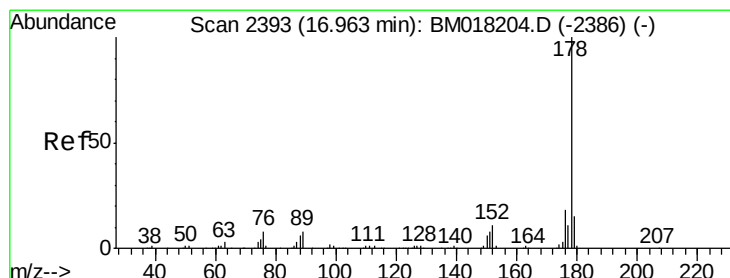
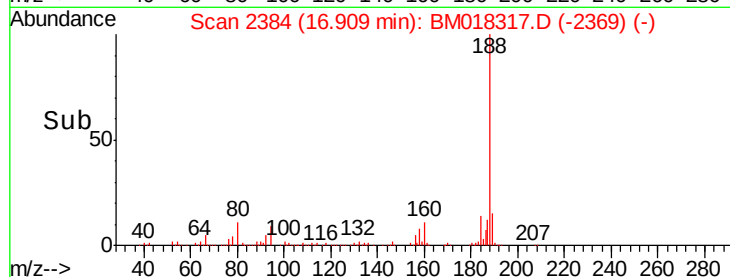
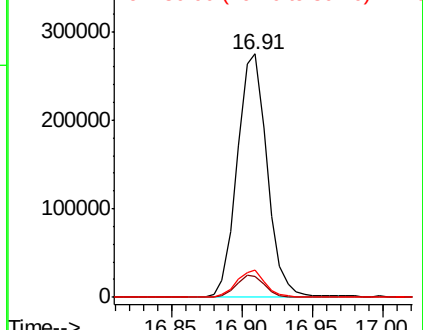
80 11.0 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 0.793 ng

RT: 16.95 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

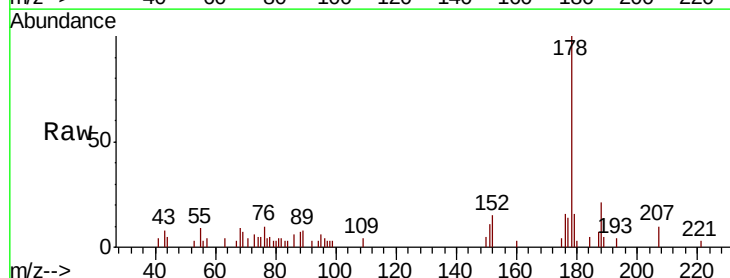
Tgt Ion:178 Resp: 17591

Ion Ratio Lower Upper

178 100

176 16.0 14.7 22.1

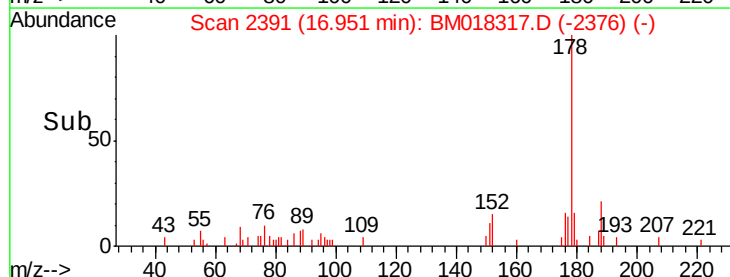
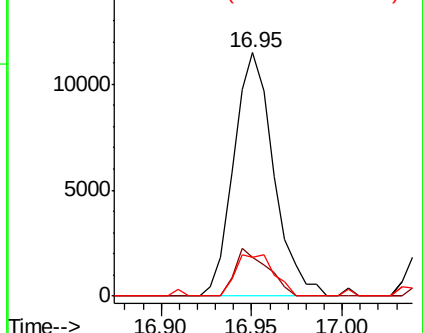
179 15.8 12.0 18.0

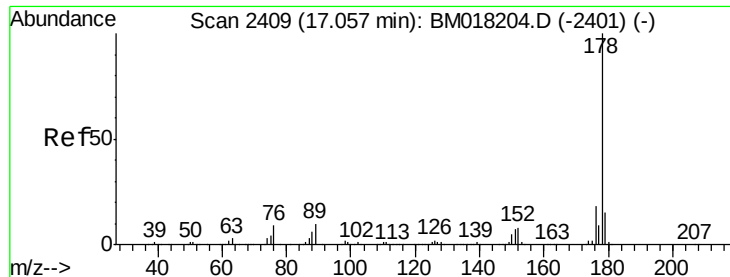


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.246 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

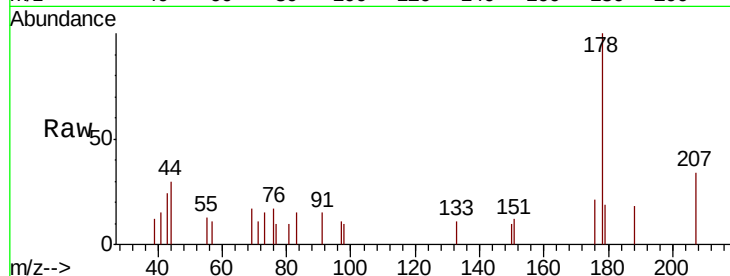
Tgt Ion:178 Resp: 5409

Ion Ratio Lower Upper

178 100

176 20.5 14.3 21.5

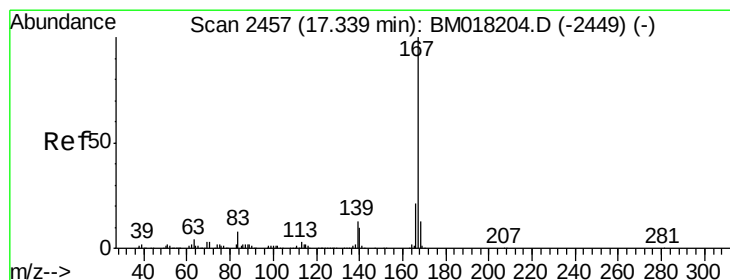
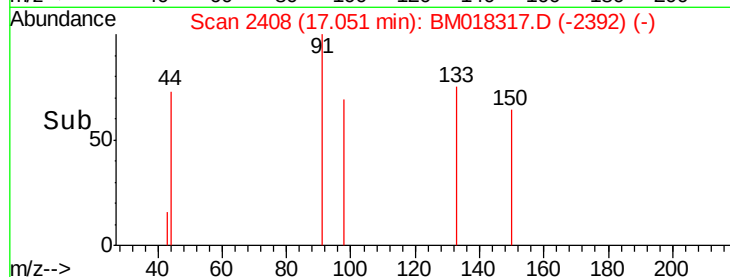
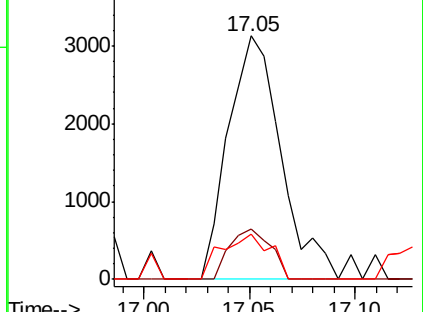
179 18.5 12.0 18.0#



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: 0.085 ng

RT: 17.34 min Scan# 2458

Delta R.T. 0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

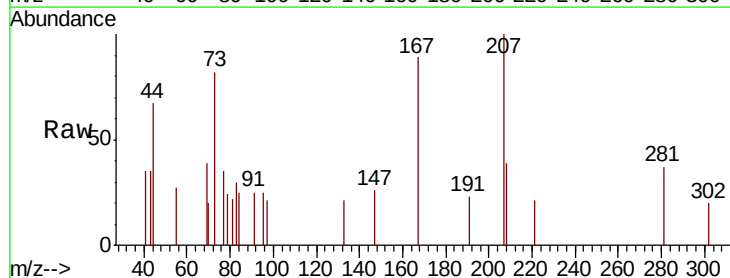
Tgt Ion:167 Resp: 1911

Ion Ratio Lower Upper

167 100

166 0.0 16.8 25.2#

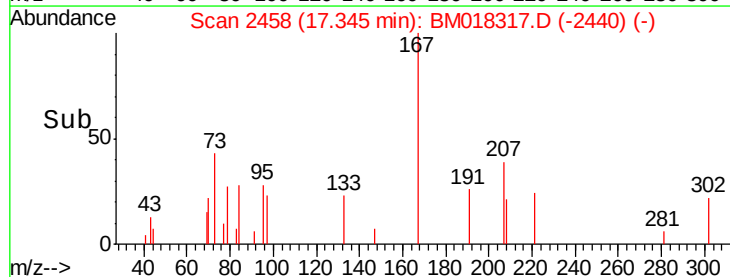
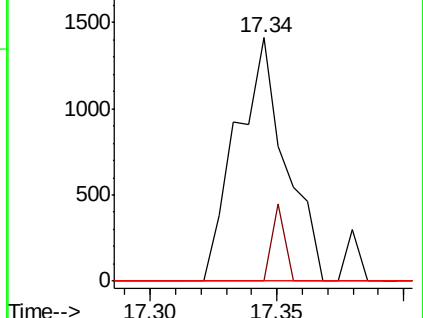
139 0.0 10.3 15.5#

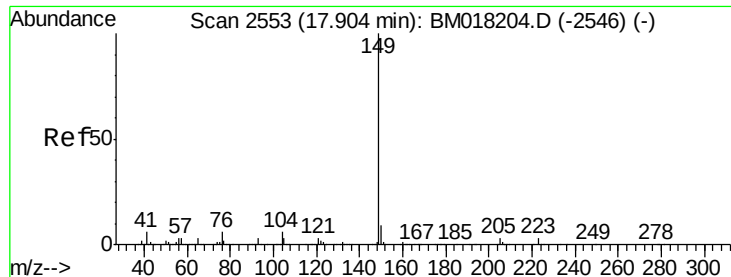


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

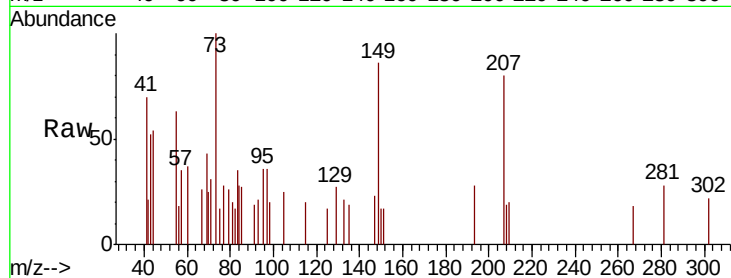




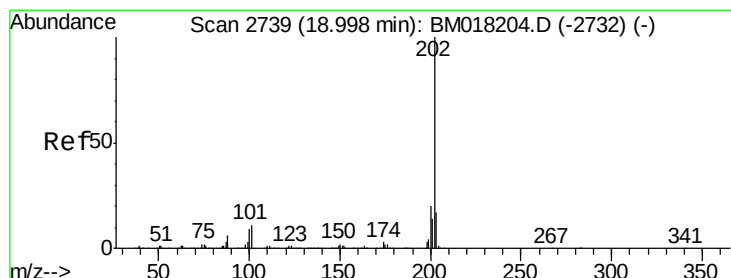
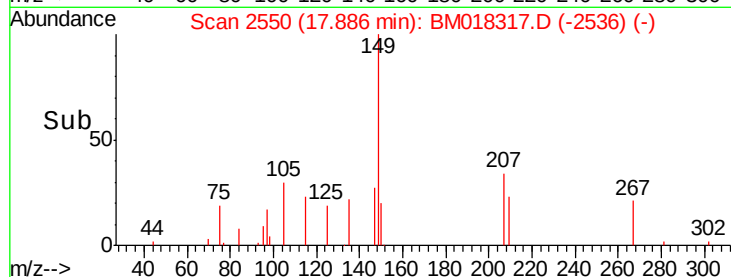
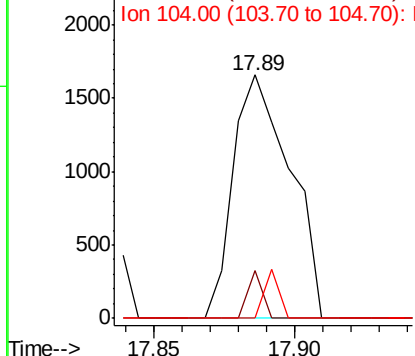
#74
Di-n-butylphthalate
Concen: 0.083 ng
RT: 17.89 min Scan# 2550
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

Tgt Ion:149 Resp: 2319
Ion Ratio Lower Upper
149 100
150 19.5 7.3 10.9#
104 0.0 4.8 7.2#

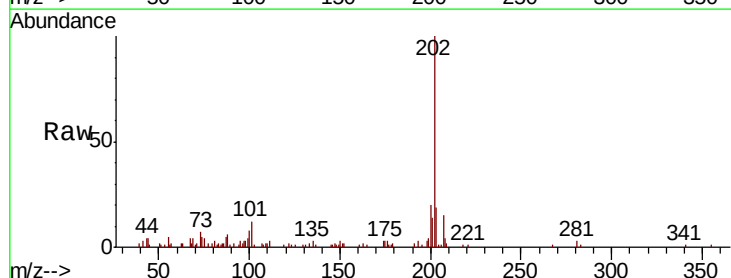


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

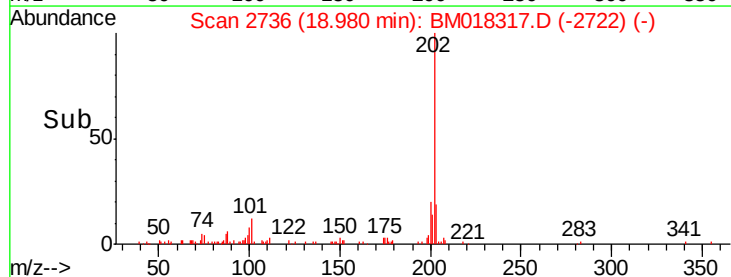
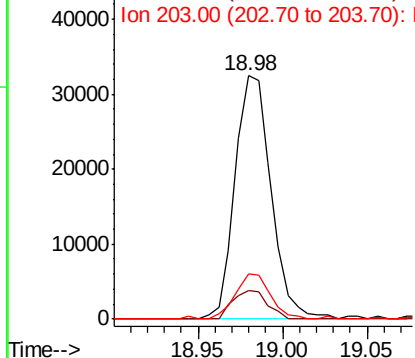


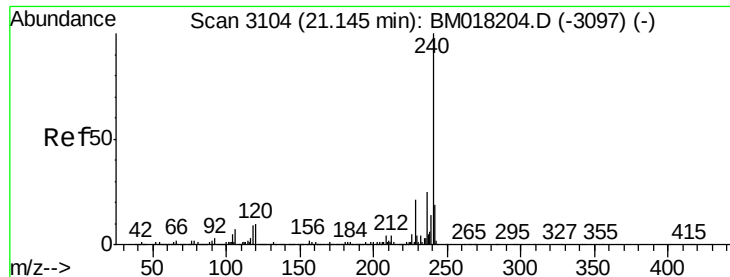
#75
Fluoranthene
Concen: 1.874 ng
RT: 18.98 min Scan# 2736
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion:202 Resp: 48341
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.5
203 18.8 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

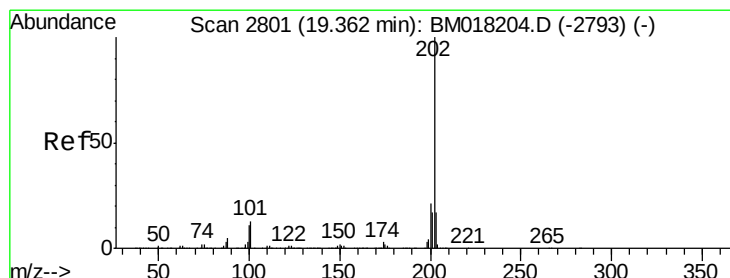
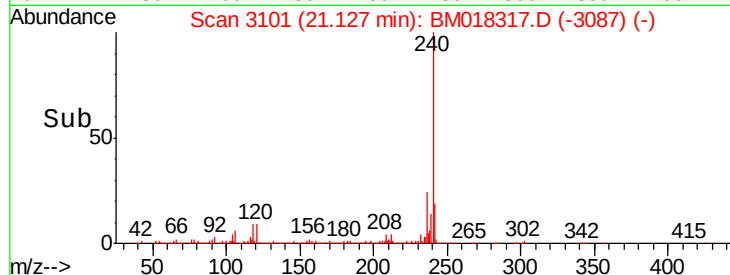
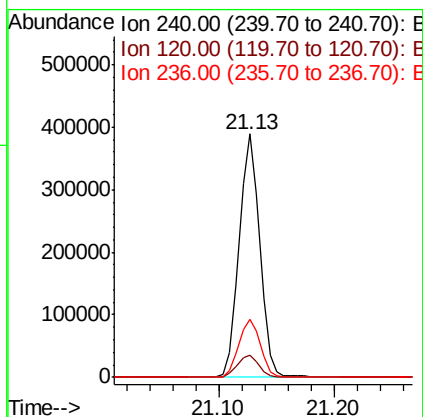
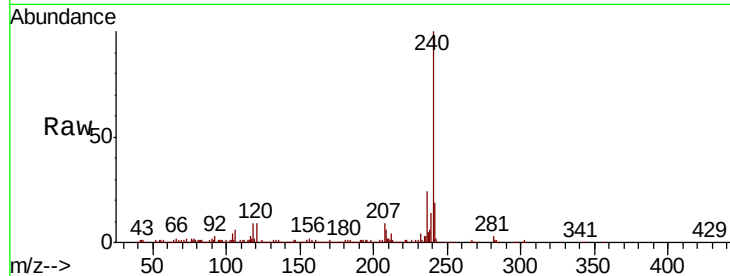




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

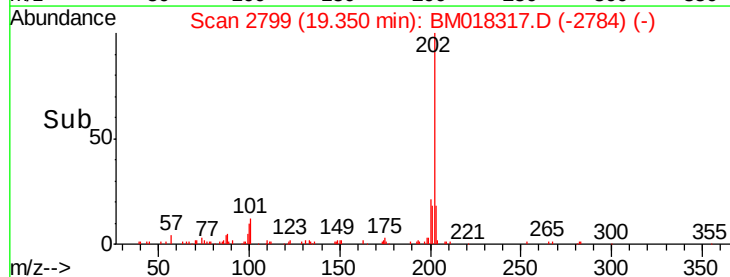
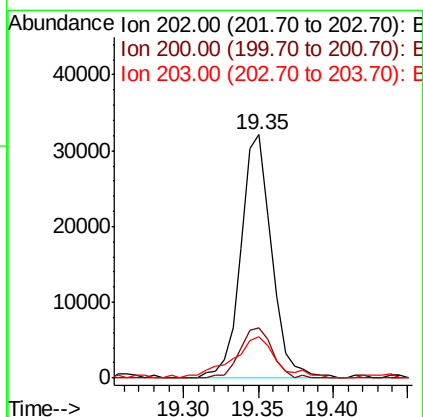
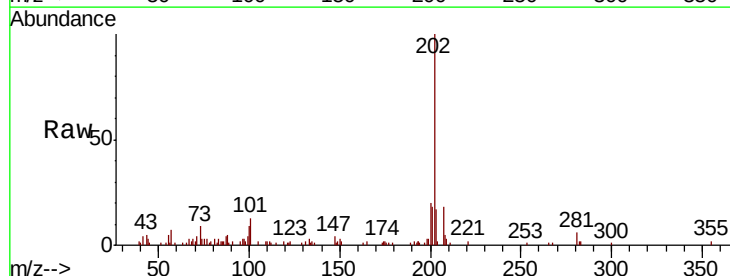
Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

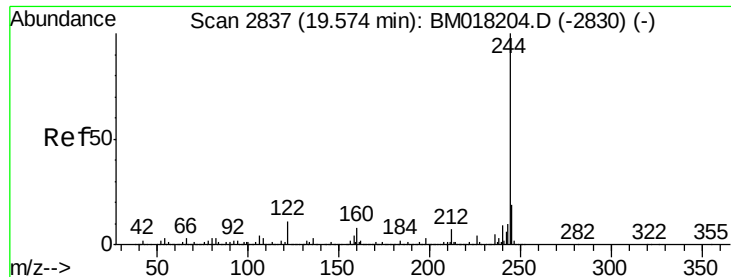
Tgt Ion:240 Resp: 484298
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.2
236 23.7 20.3 30.5



#78
Pyrene
Concen: 1.588 ng
RT: 19.35 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion:202 Resp: 45812
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 17.2 14.0 21.0





#79

Terphenyl-d14

Concen: 43.279 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

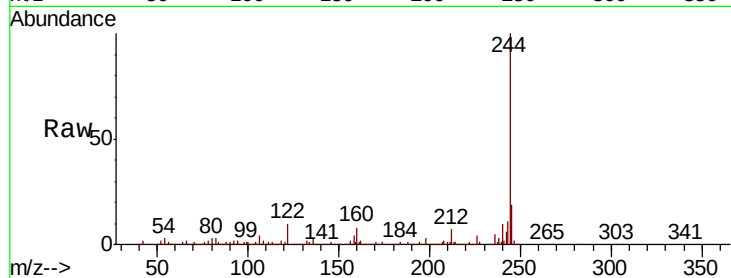
Tgt Ion:244 Resp: 926761

Ion Ratio Lower Upper

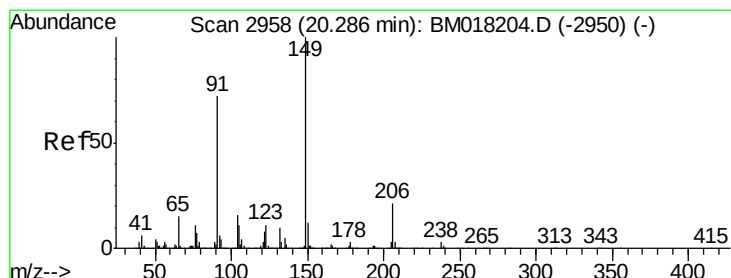
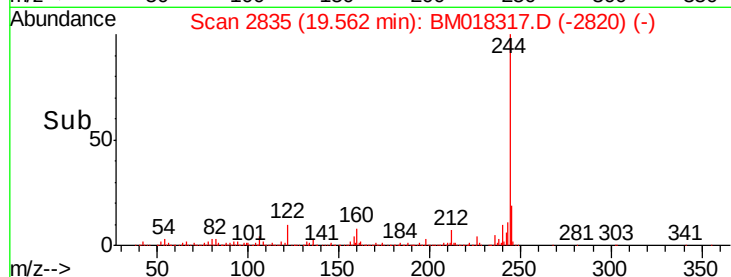
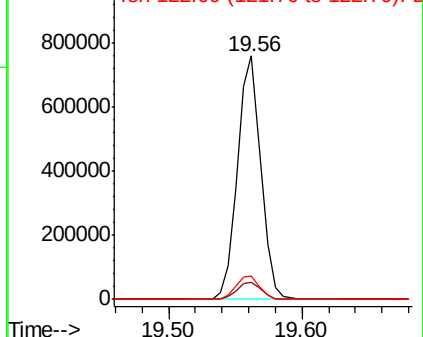
244 100

212 7.0 5.8 8.8

122 9.6 9.0 13.6



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: 0.065 ng

RT: 20.27 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

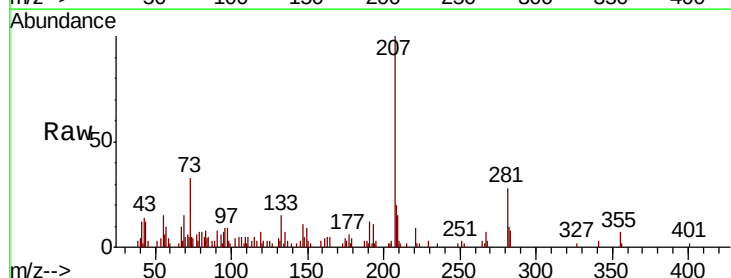
Tgt Ion:149 Resp: 899

Ion Ratio Lower Upper

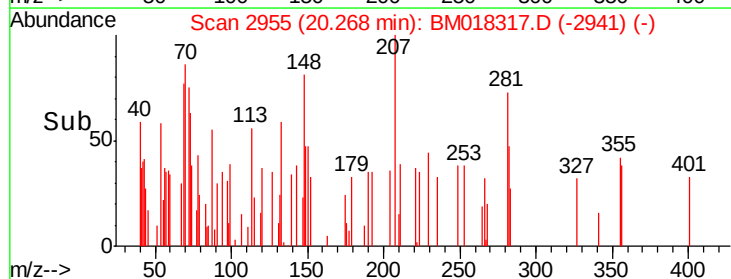
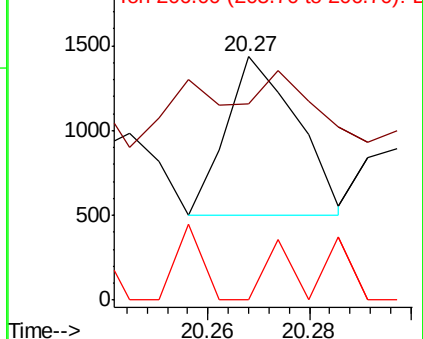
149 100

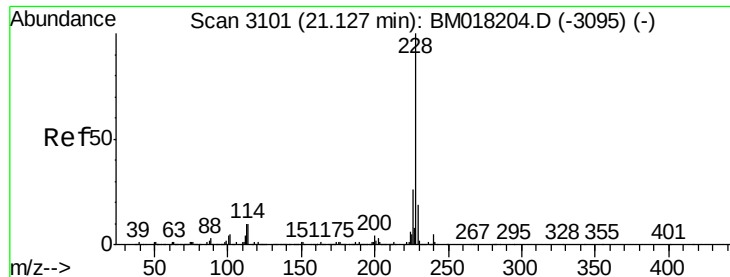
91 80.6 57.4 86.2

206 0.0 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): E
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 1.038 ng

RT: 21.11 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

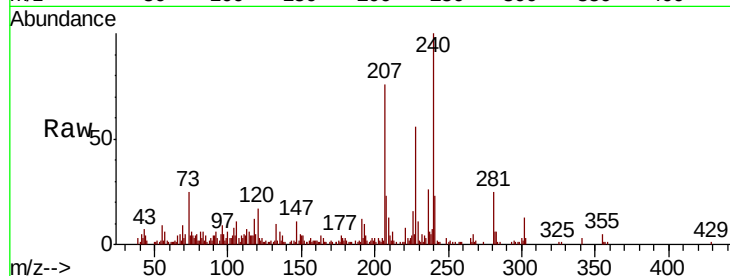
Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

Tgt Ion:	228	Resp:	29354
Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.0	31.4
229	20.0	15.5	23.3

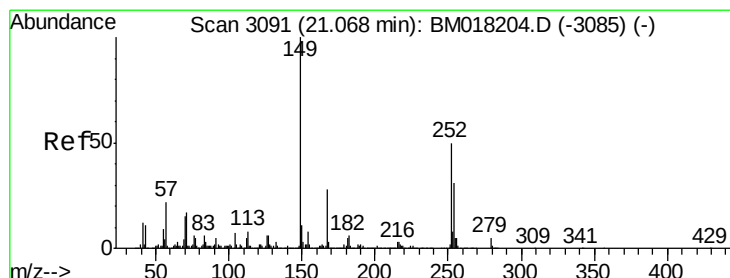
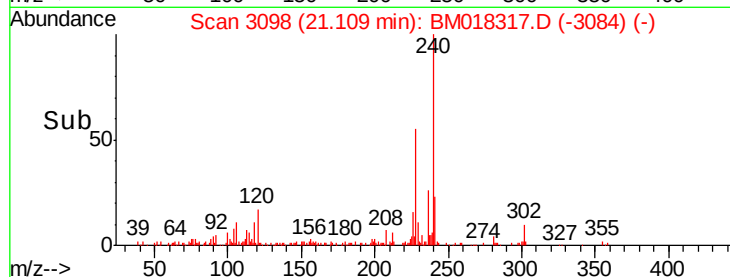
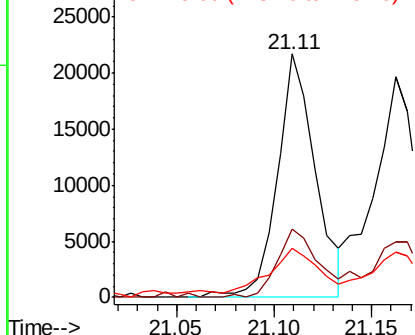


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.023 ng

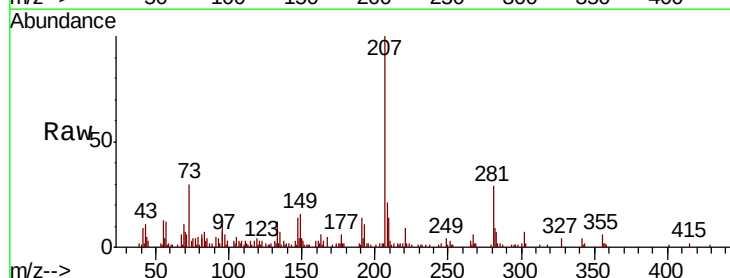
RT: 21.05 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Tgt Ion:	252	Resp:	256
Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.4	75.6#
126	0.0	9.4	14.0#

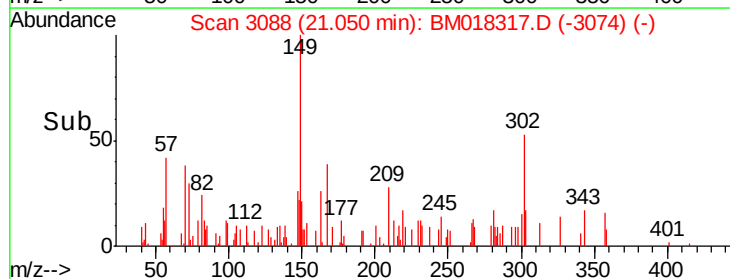
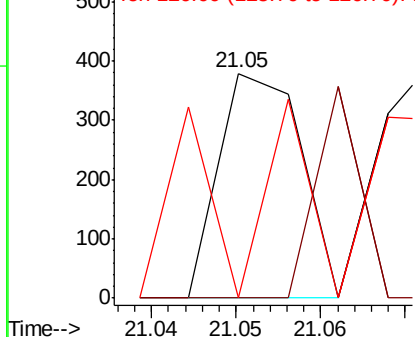


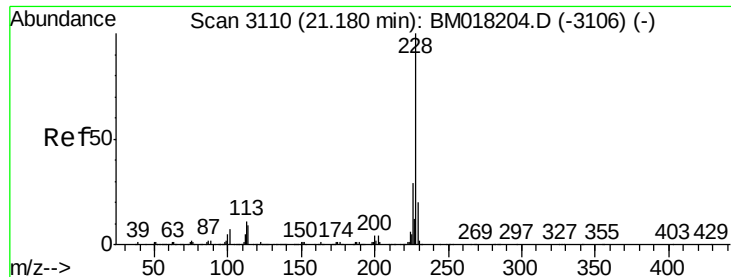
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 1.123 ng

RT: 21.16 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

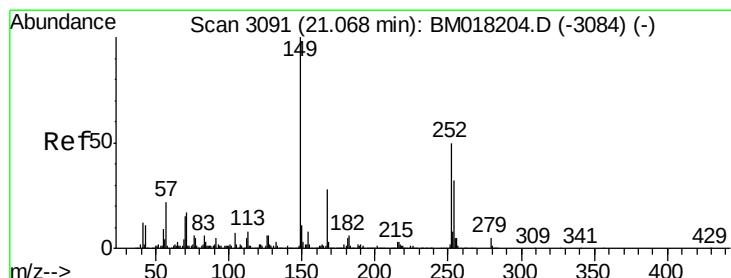
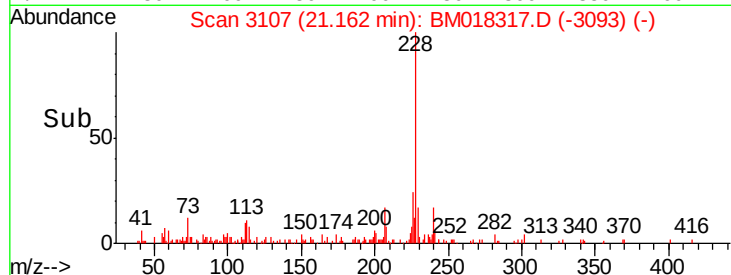
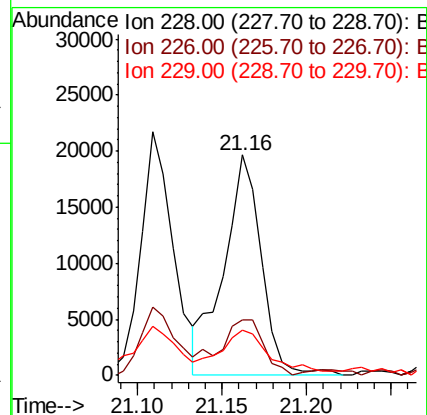
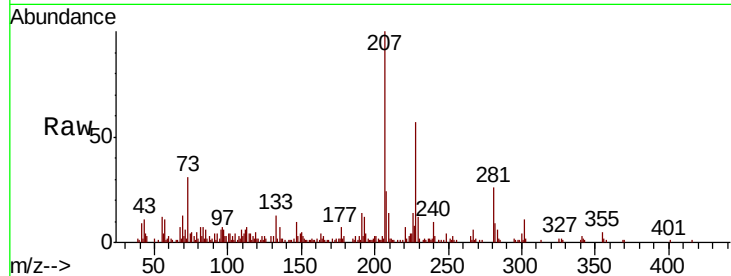
Tgt Ion: 228 Resp: 30546

Ion Ratio Lower Upper

228 100

226 25.0 23.1 34.7

229 20.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.320 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

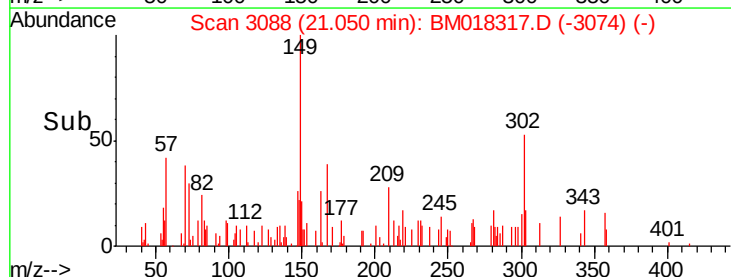
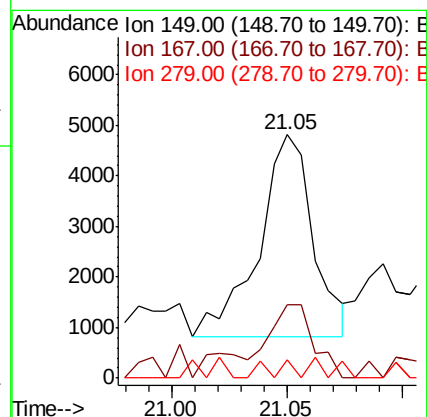
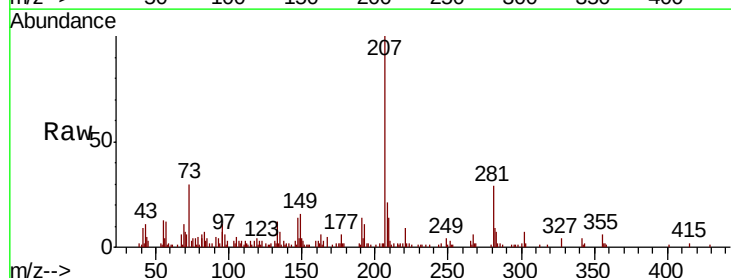
Tgt Ion: 149 Resp: 6544

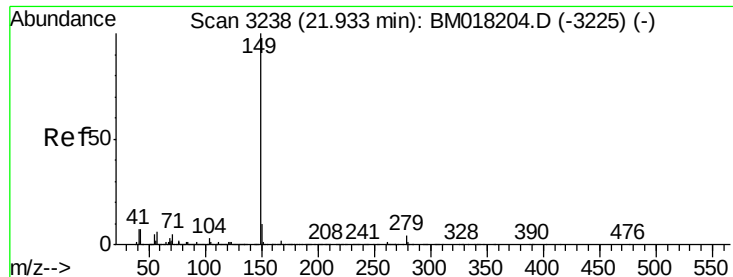
Ion Ratio Lower Upper

149 100

167 30.4 22.7 34.1

279 7.6 3.9 5.9#





#85

Di-n-octyl phthalate

Concen: 0.005 ng

RT: 21.90 min Scan# 3232

Delta R.T. -0.04 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

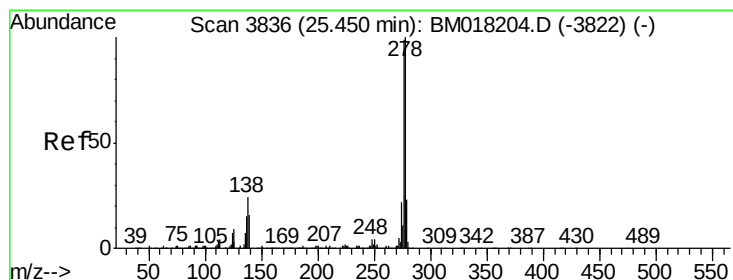
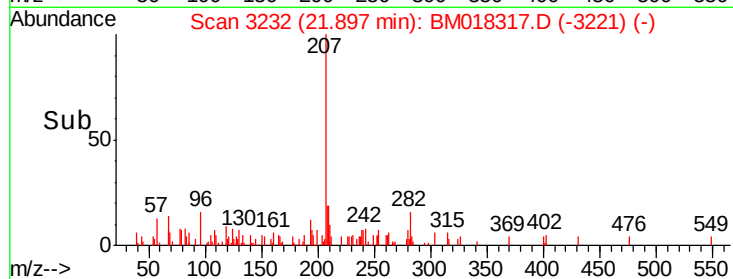
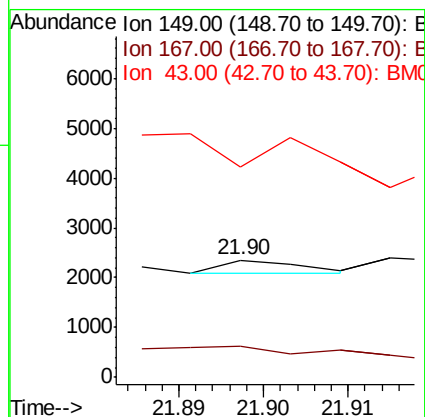
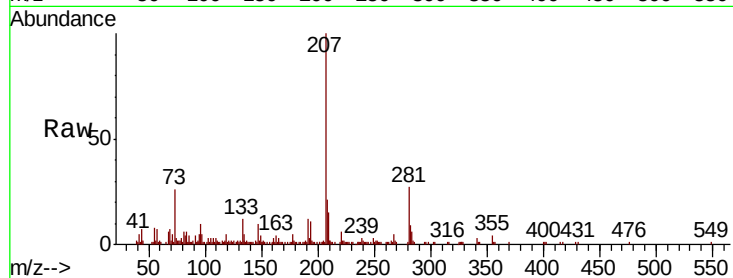
Tgt Ion:149 Resp: 167

Ion Ratio Lower Upper

149 100

167 652.1 1.4 2.0#

43 1307.2 6.2 9.4#



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.808 ng

RT: 25.41 min Scan# 3830

Delta R.T. -0.04 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

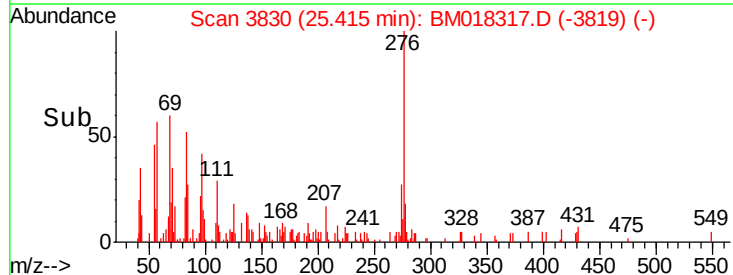
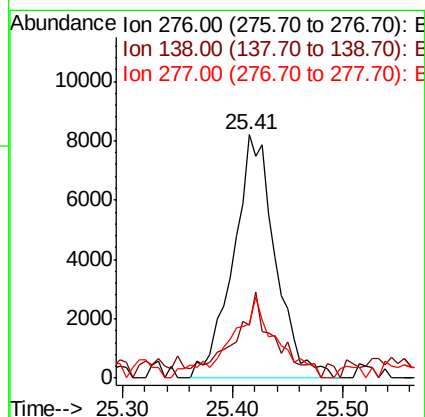
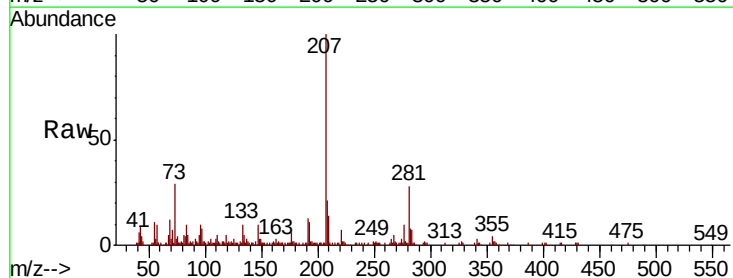
Tgt Ion:276 Resp: 21911

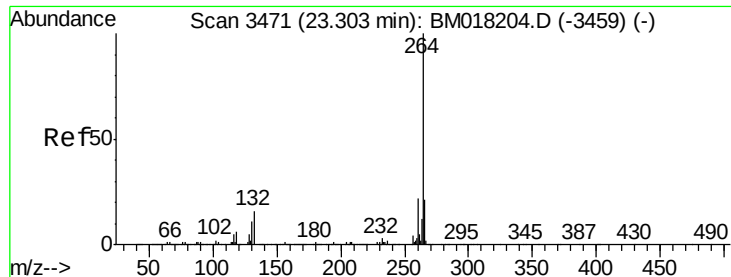
Ion Ratio Lower Upper

276 100

138 33.5 18.6 28.0#

277 36.0 20.3 30.5#



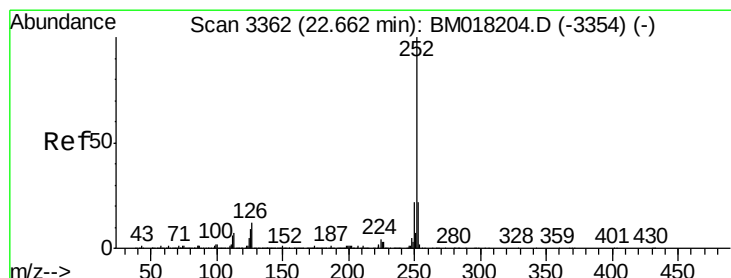
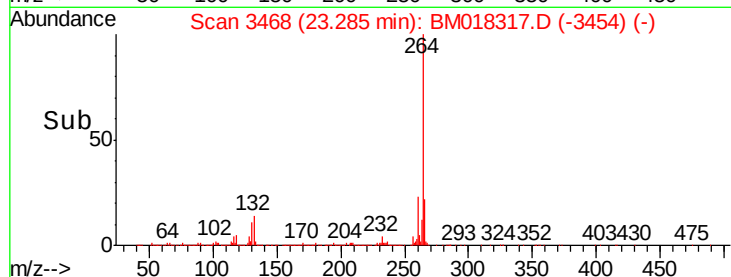
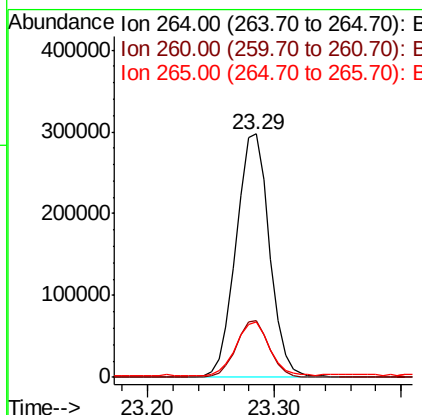
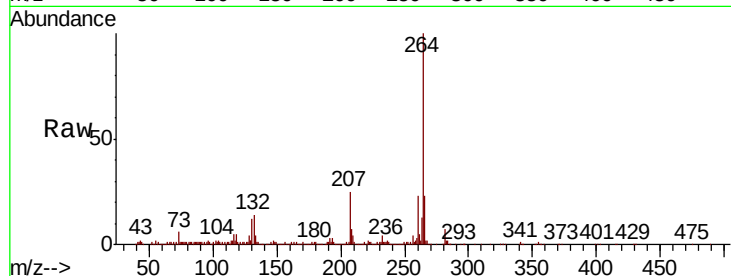


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

Tgt Ion: 264 Resp: 544600

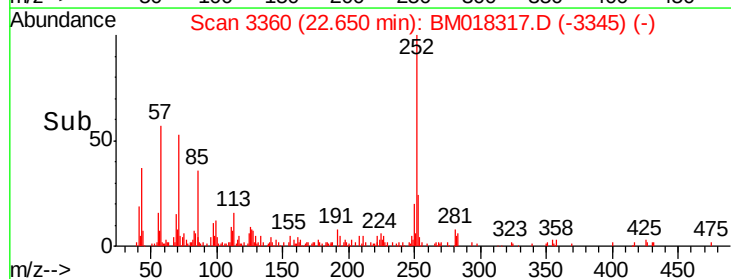
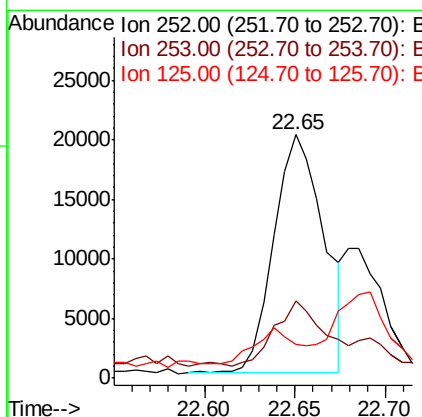
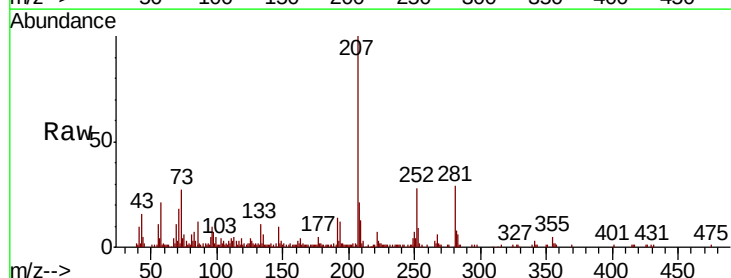
Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.5	26.3
265	22.8	17.3	25.9

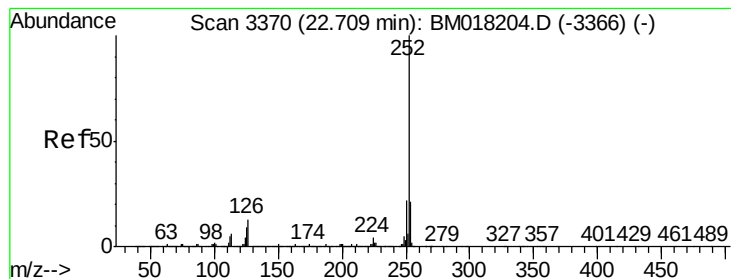


#88
Benzo(b)fluoranthene
Concen: 1.254 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion: 252 Resp: 38360

Ion	Ratio	Lower	Upper
252	100		
253	31.5	17.6	26.4#
125	13.6	7.4	11.0#





#89

Benzo(k)fluoranthene

Concen: 1.256 ng

RT: 22.65 min Scan# 3360

Delta R.T. -0.06 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

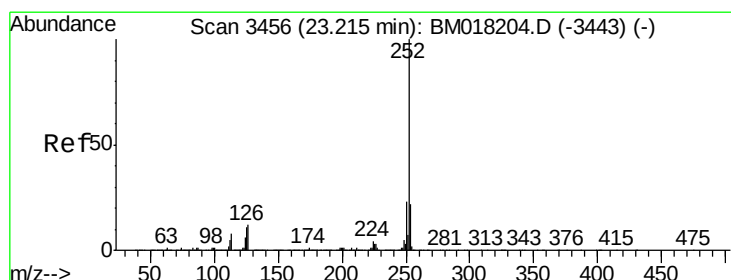
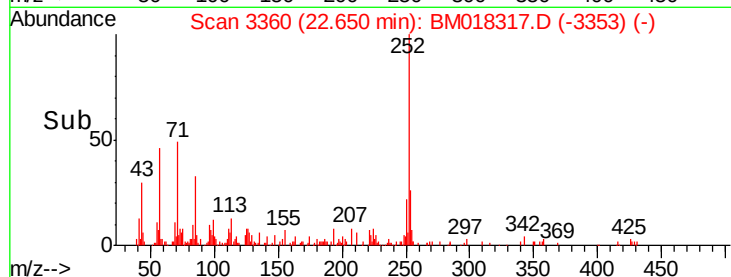
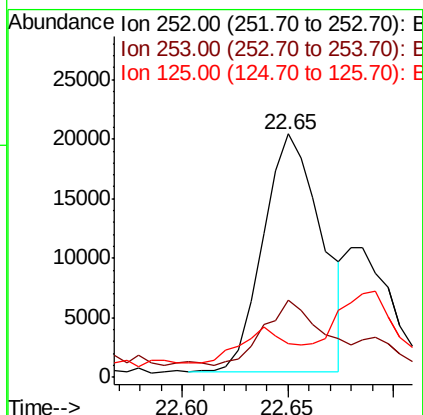
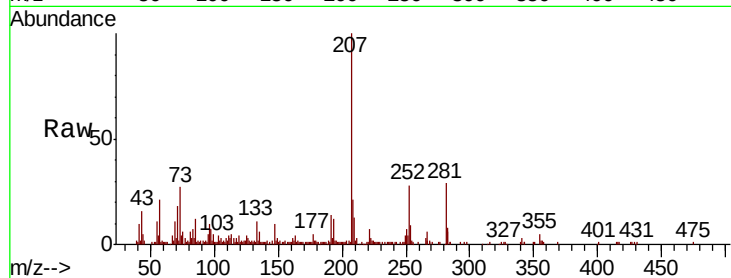
Instrument :

BNA_M

ClientSampleId :

NCC-KEARNY-TOPSOIL

Tgt Ion:	252	Resp:	38279
Ion Ratio	Lower	Upper	
252	100		
253	31.5	16.9	25.3#
125	13.6	7.5	11.3#



#90

Benzo(a)pyrene

Concen: 0.940 ng

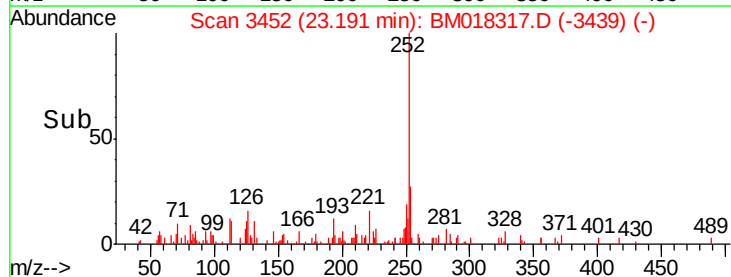
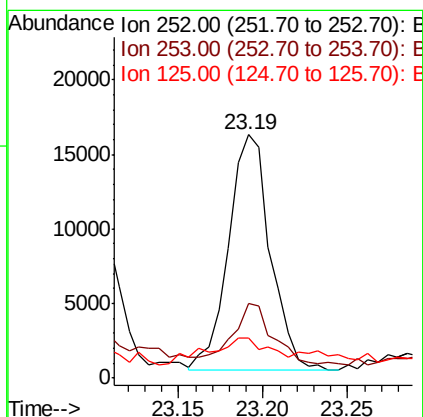
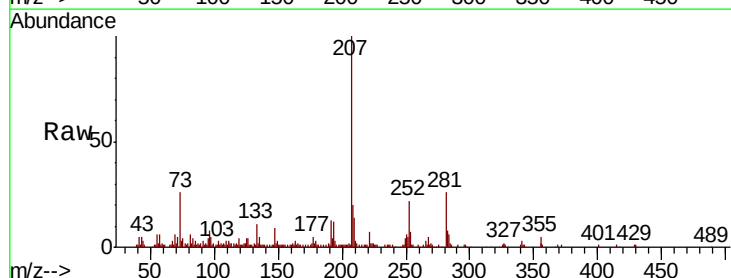
RT: 23.19 min Scan# 3452

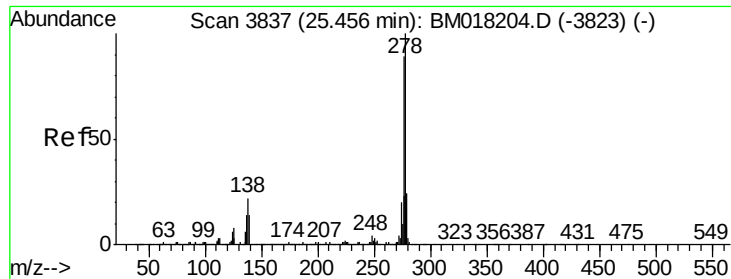
Delta R.T. -0.02 min

Lab File: BM018317.D

Acq: 20 Dec 2018 03:38

Tgt Ion:	252	Resp:	27361
Ion Ratio	Lower	Upper	
252	100		
253	30.5	17.6	26.4#
125	16.5	8.6	12.8#

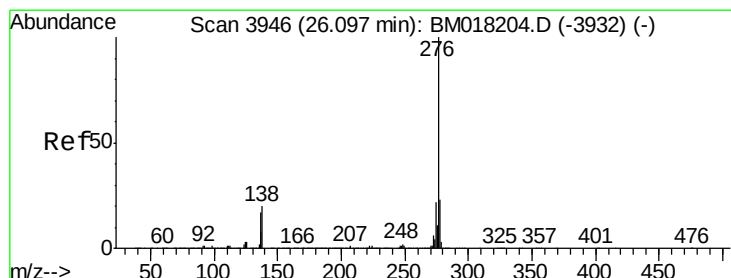
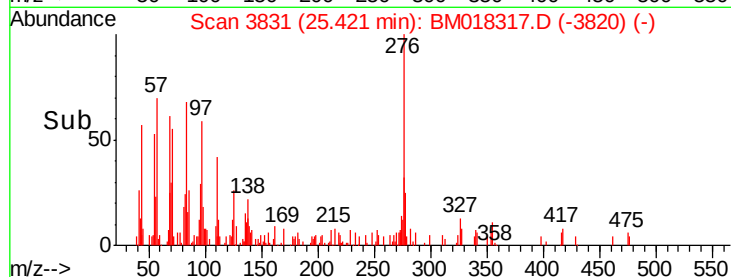
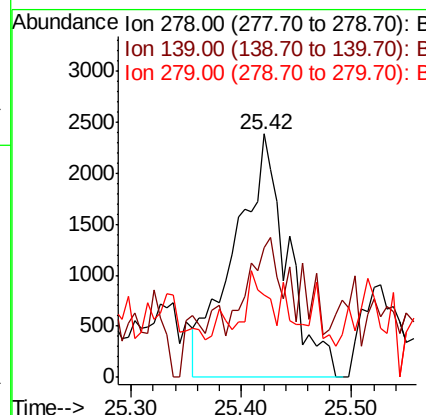
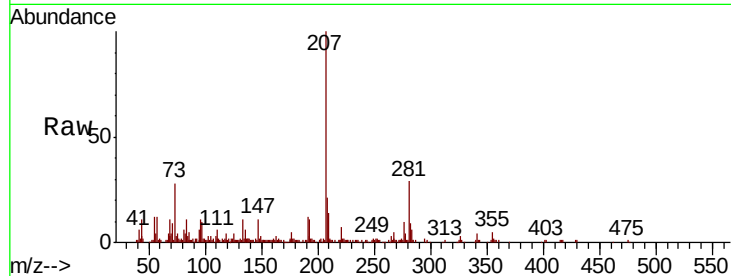




#91
Dibenzo(a,h)anthracene
Concen: 0.296 ng
RT: 25.42 min Scan# 3831
Delta R.T. -0.04 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Instrument :
BNA_M
ClientSampleId :
NCC-KEARNY-TOPSOIL

Tgt Ion: 278 Resp: 7977
Ion Ratio Lower Upper
278 100
139 53.1 11.6 17.4#
279 34.1 19.2 28.8#



#92
Benzo(g,h,i)perylene
Concen: 0.876 ng
RT: 26.07 min Scan# 3941
Delta R.T. -0.03 min
Lab File: BM018317.D
Acq: 20 Dec 2018 03:38

Tgt Ion: 276 Resp: 22317
Ion Ratio Lower Upper
276 100
277 26.7 18.7 28.1
138 32.0 15.8 23.8#

