

#1

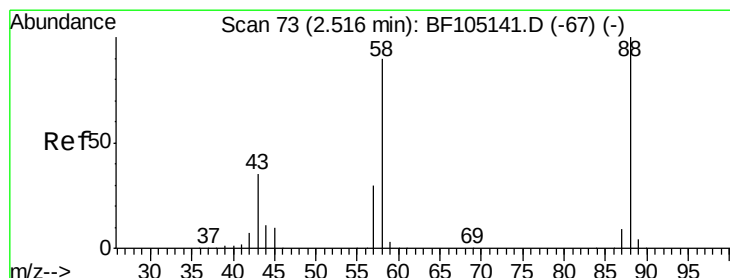
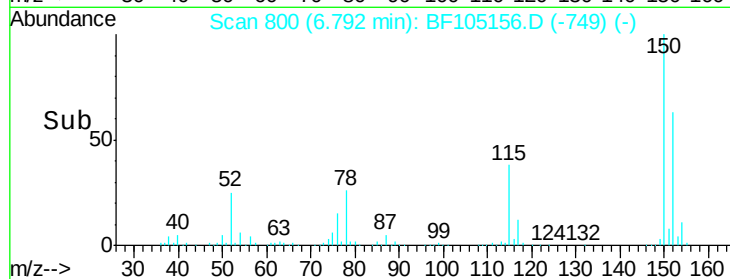
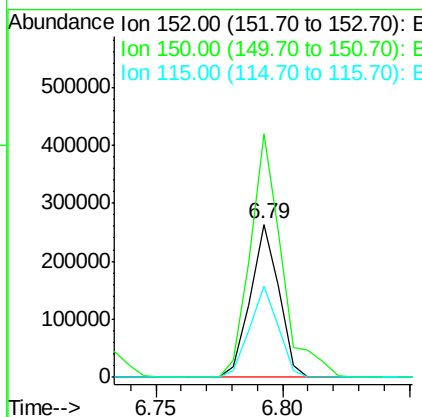
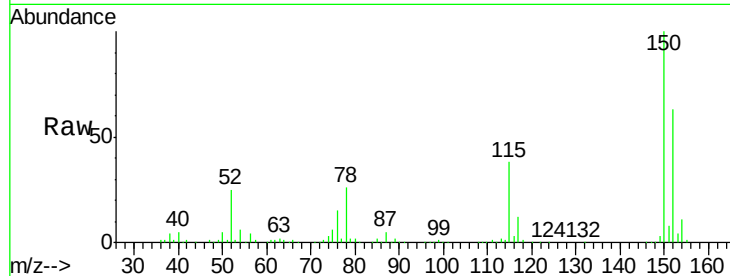
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	59.9	50.1	75.1

Manual Integrations
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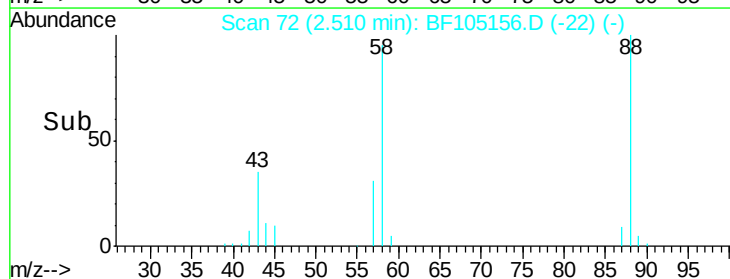
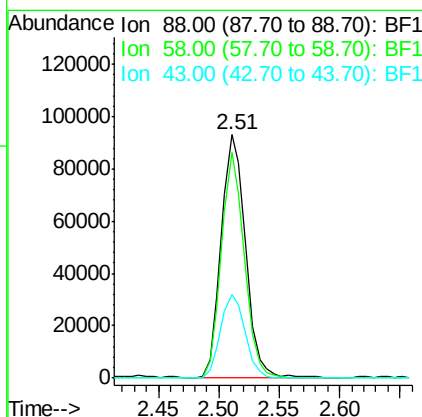
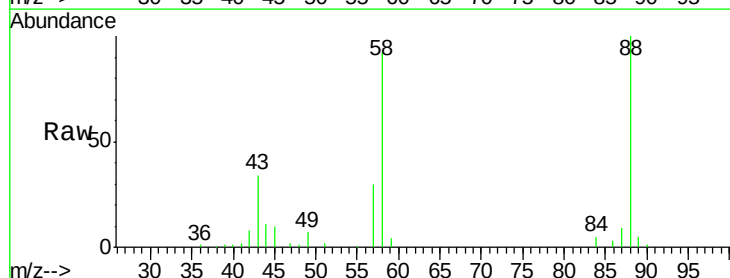
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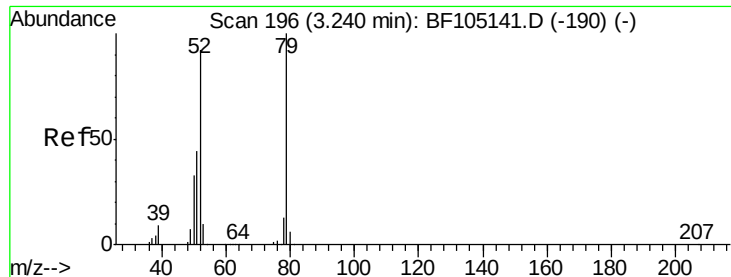


#2

1,4-Dioxane
Concen: 19.616 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.3	62.6	93.8
43	34.1	24.6	37.0





#3

Pvridine

Concen: 19.318 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

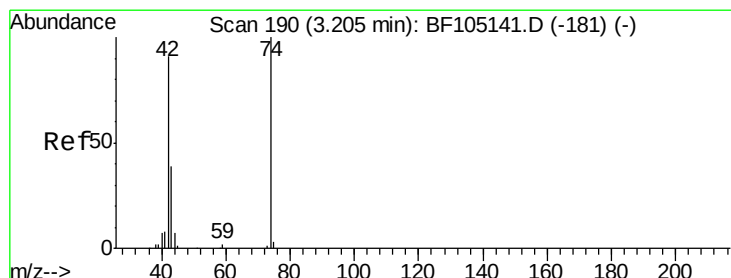
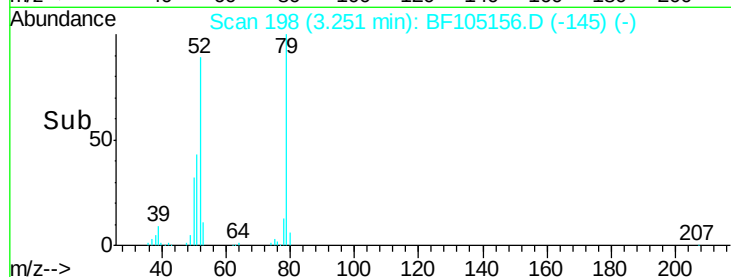
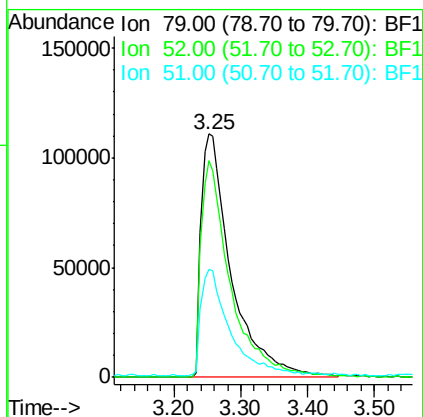
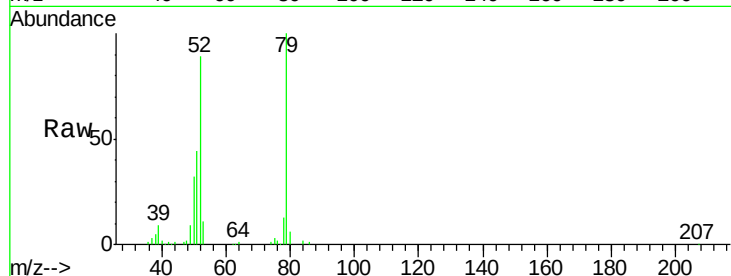
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	79	Resp:	345420
Ion Ratio	Lower	Upper	
79	100		
52	89.1	59.8	89.6
51	44.2	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 17.125 ng

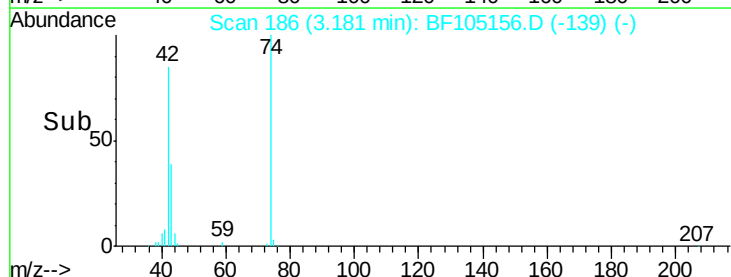
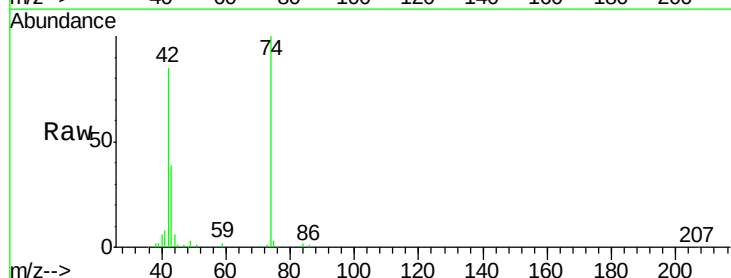
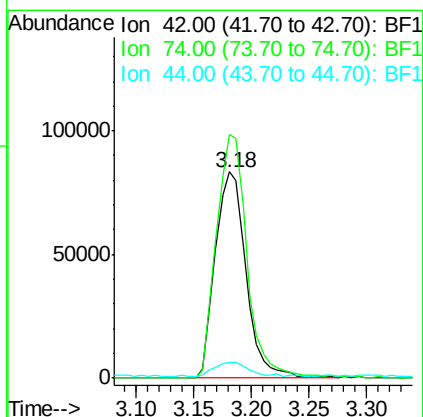
RT: 3.18 min Scan# 186

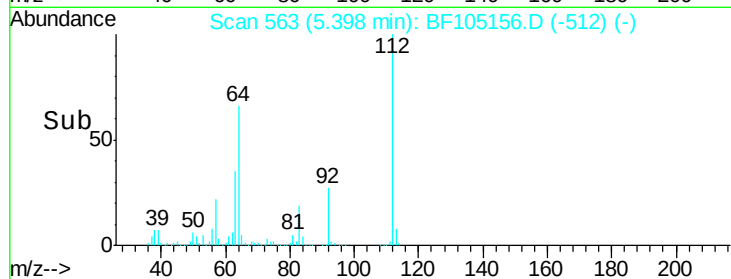
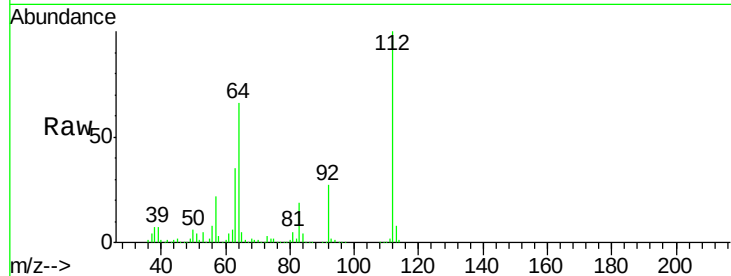
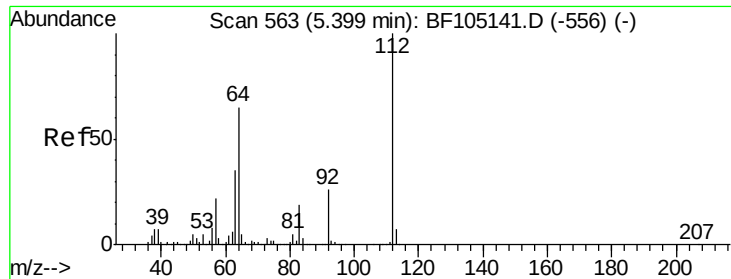
Delta R.T. -0.02 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion:	42	Resp:	155202
Ion Ratio	Lower	Upper	
42	100		
74	118.2	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 118.230 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tot Ion:	112	Resp:	1490927
Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	35.3	23.7	35.5

Instrument :

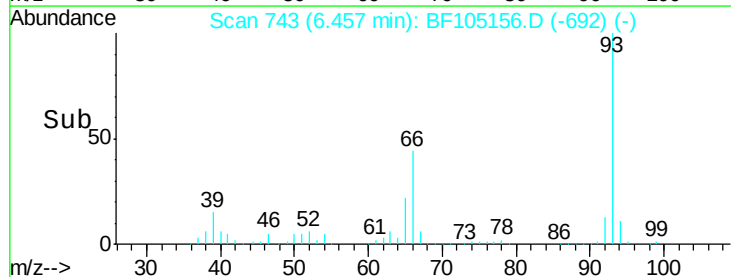
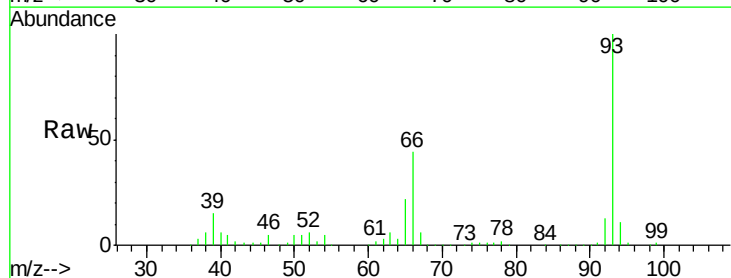
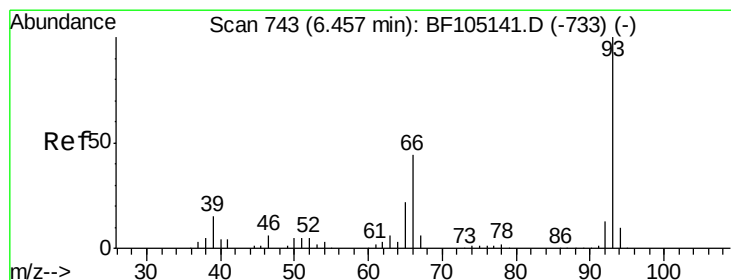
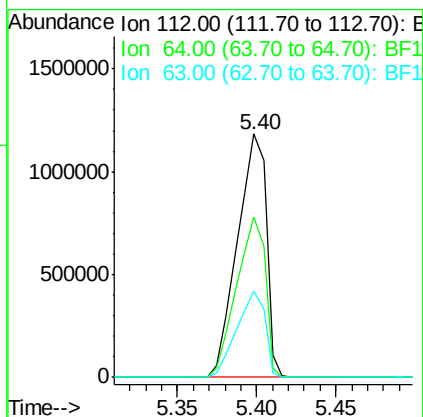
BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2018

Manual Integrations
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#6

Aniline

Concen: 20.046 ng

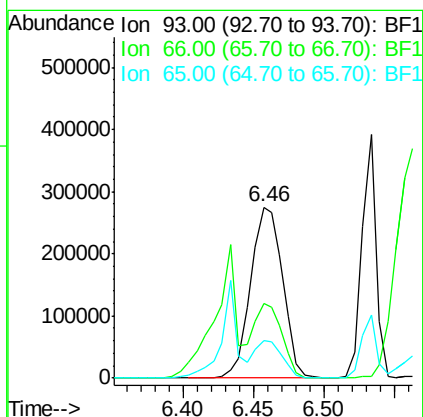
RT: 6.46 min Scan# 743

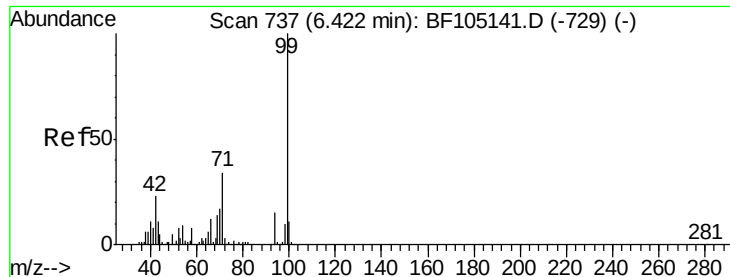
Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion:	93	Resp:	439588
Ion	Ratio	Lower	Upper
93	100		
66	43.9	32.2	48.2
65	21.6	16.4	24.6





#7

Phenol-d6

Concen: 119.795 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion: 99 Resp: 1798758

Ion Ratio Lower Upper

99 100

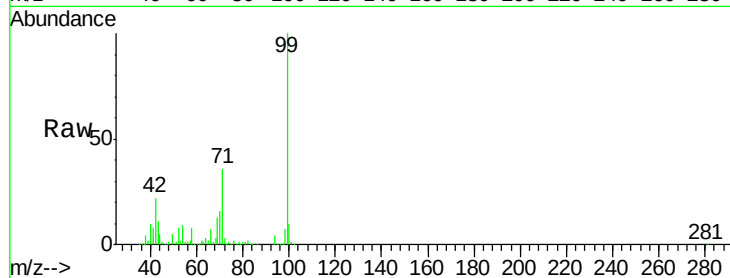
42 22.4 14.5 21.7#

71 35.5 25.4 38.0

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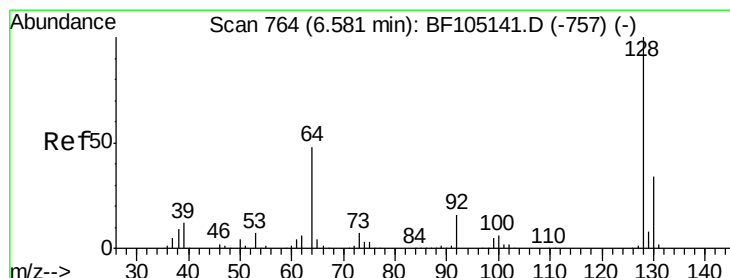
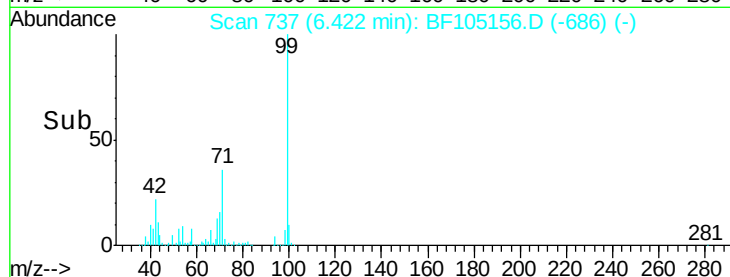
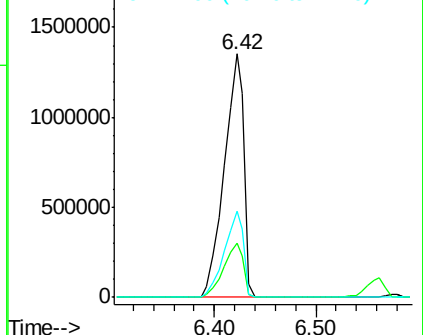
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 20.202 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

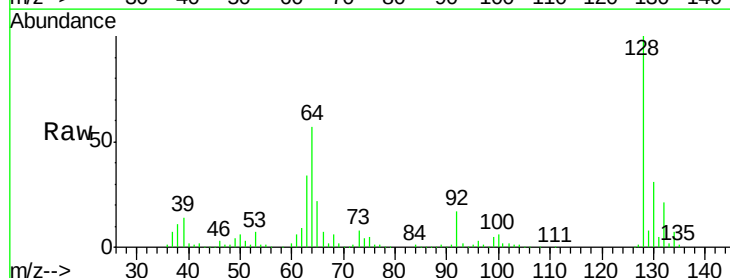
Tgt Ion: 128 Resp: 270240

Ion Ratio Lower Upper

128 100

130 31.0 13.0 53.0

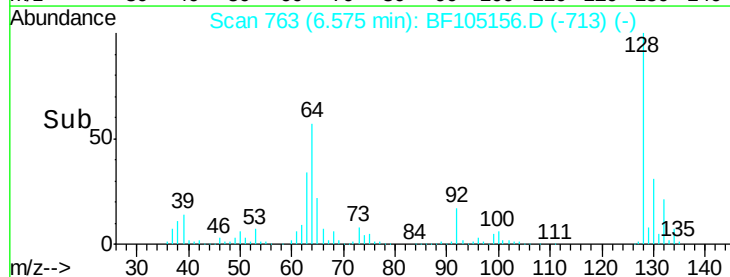
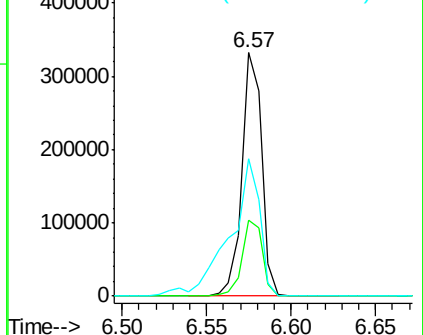
64 56.6 29.4 69.4

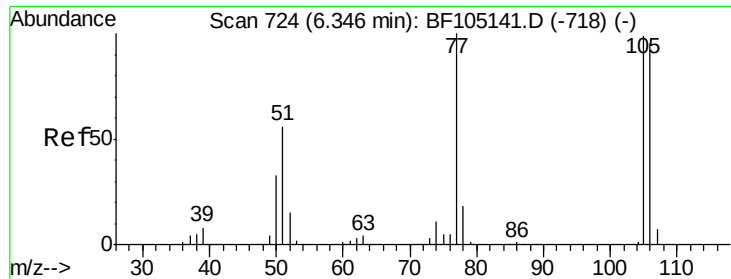


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.811 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

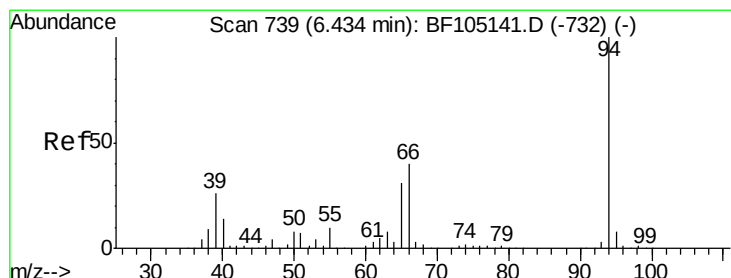
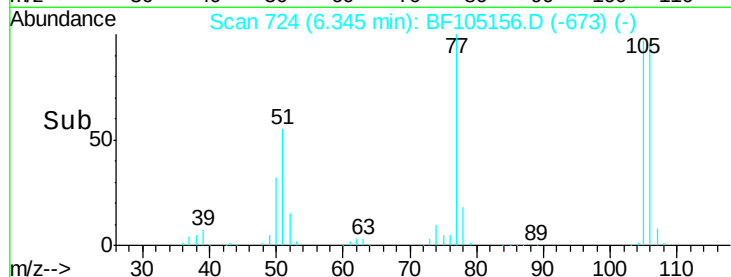
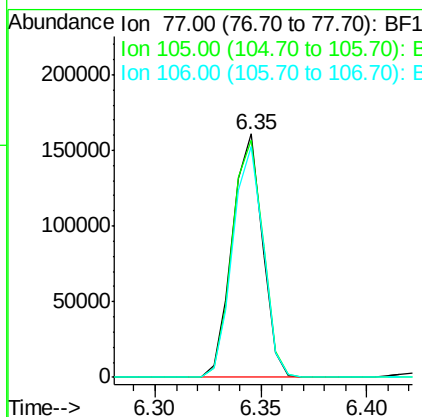
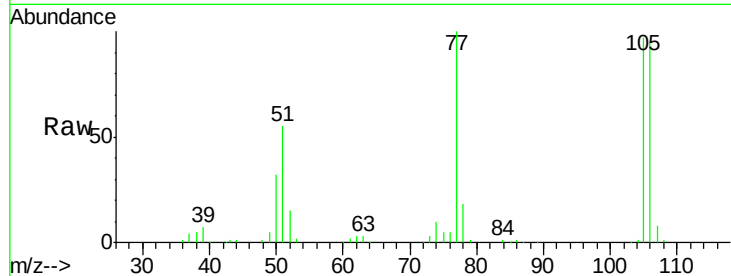
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	77	Resp:	158948
Ion	Ratio	Lower	Upper
77	100		
105	97.3	81.1	121.1
106	94.7	74.5	114.5

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#10

Phenol

Concen: 19.560 ng

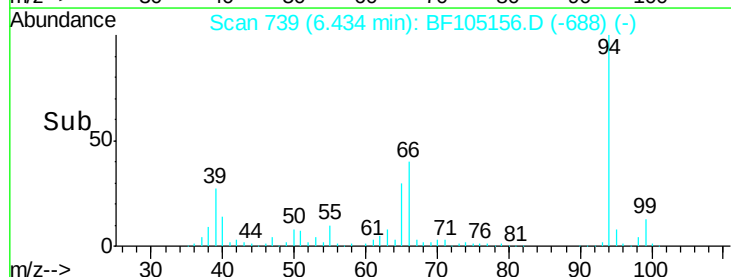
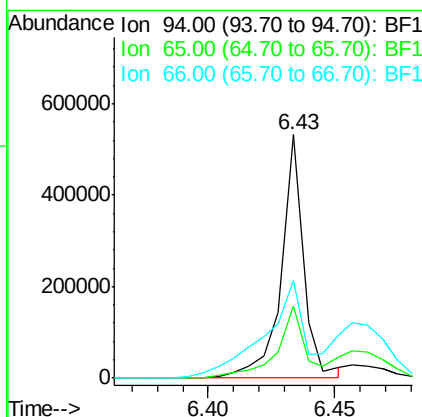
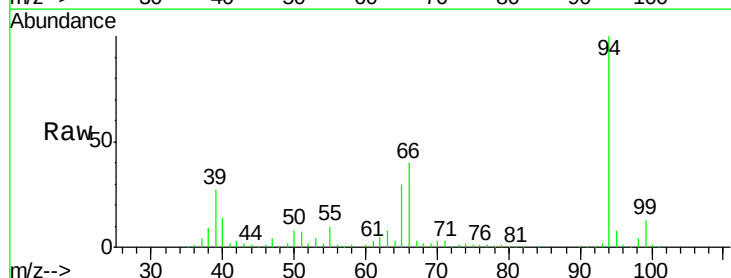
RT: 6.43 min Scan# 739

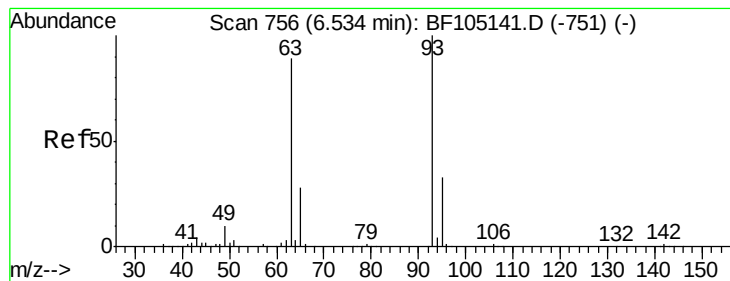
Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion:	94	Resp:	326855
Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	40.3	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 19.822 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

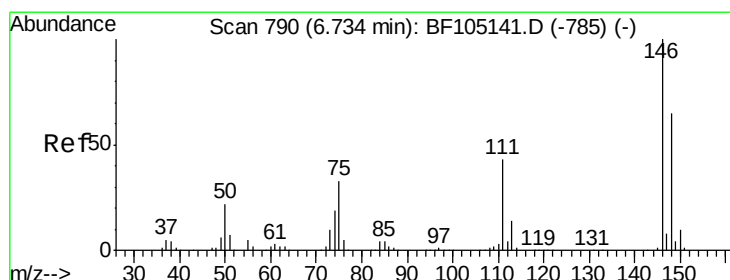
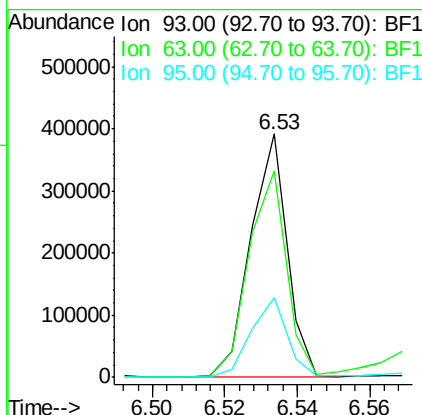
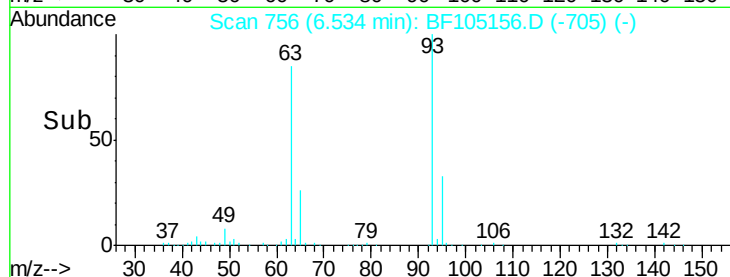
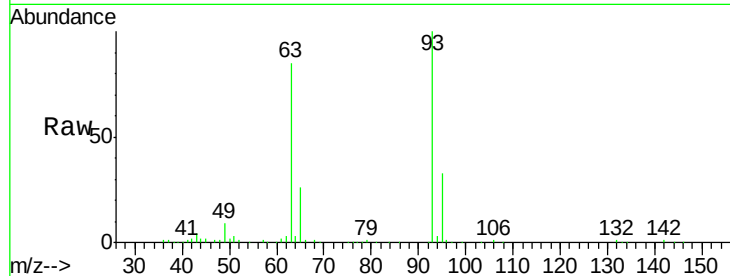
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	93	Resp:	272990
Ion	Ratio	Lower	Upper
93	100		
63	85.0	58.6	98.6
95	32.9	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 21.001 ng

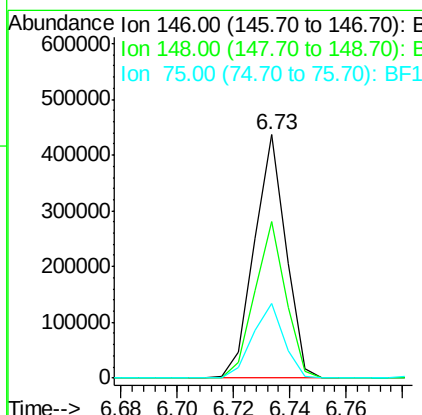
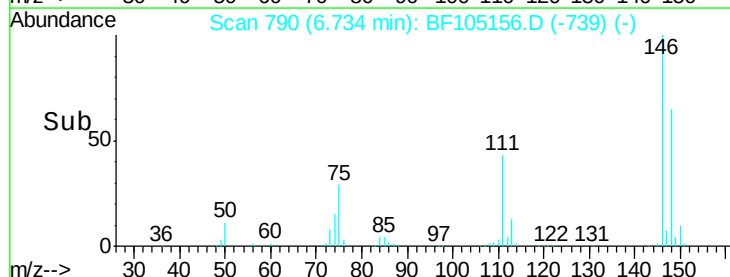
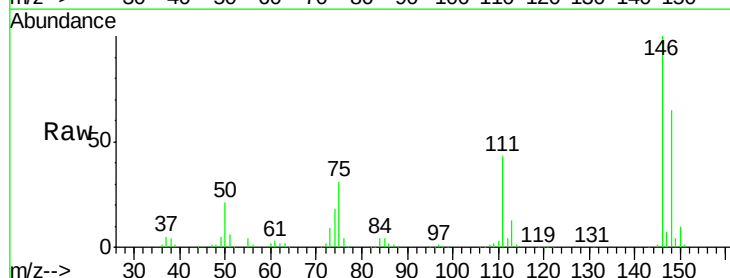
RT: 6.73 min Scan# 790

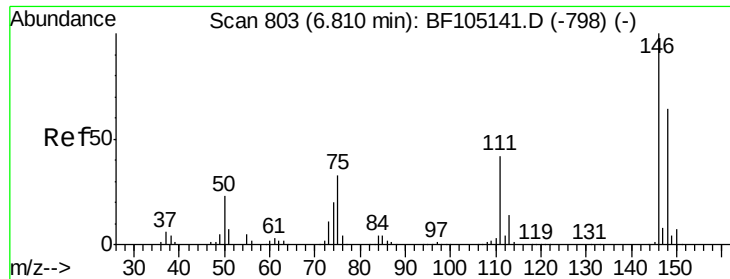
Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion:	146	Resp:	338623
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	30.6	24.2	36.4





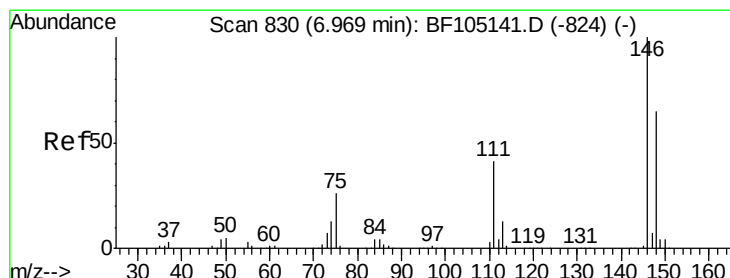
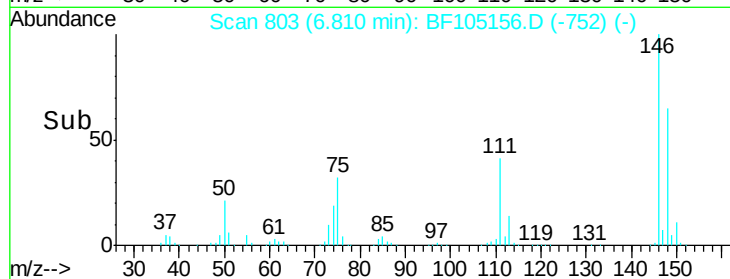
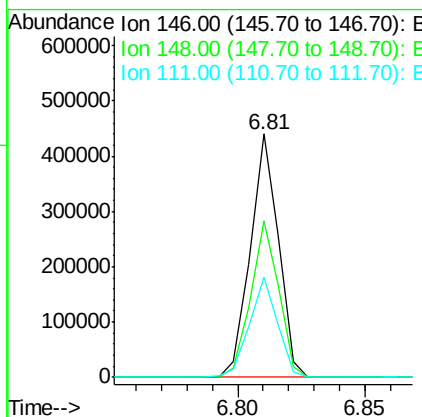
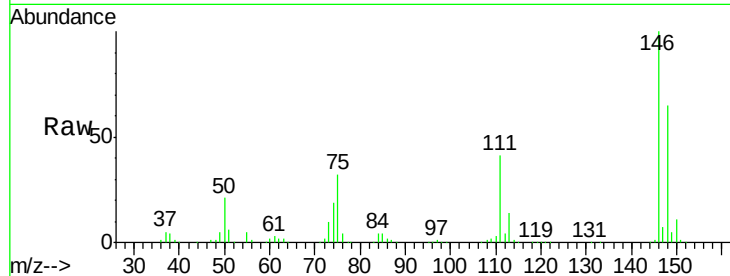
#13
 1,4-Dichlorobenzene
 Concen: 21.057 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	41.2	34.2	51.2

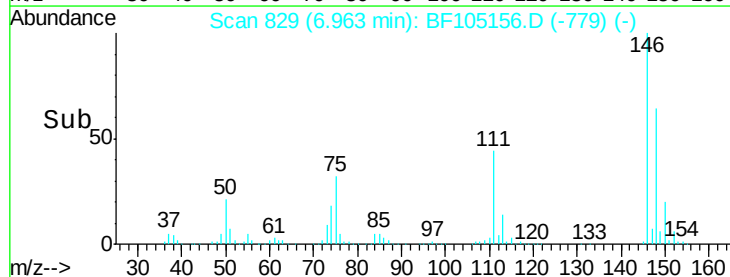
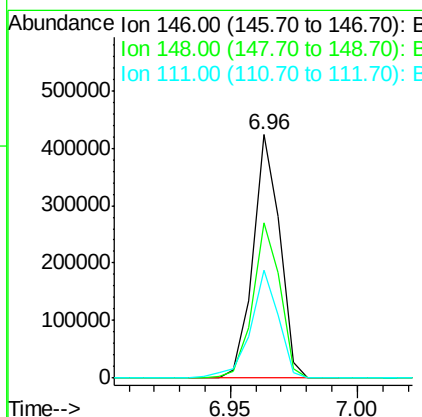
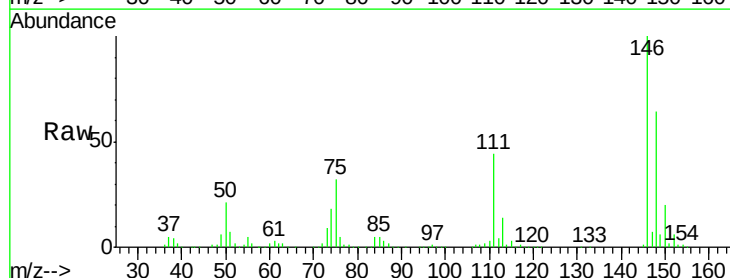
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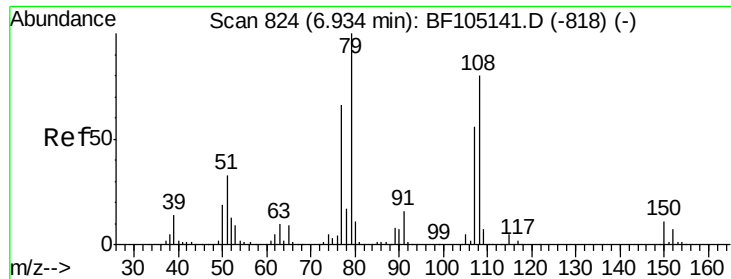
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#14
 1,2-Dichlorobenzene
 Concen: 20.925 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	44.2	36.0	54.0





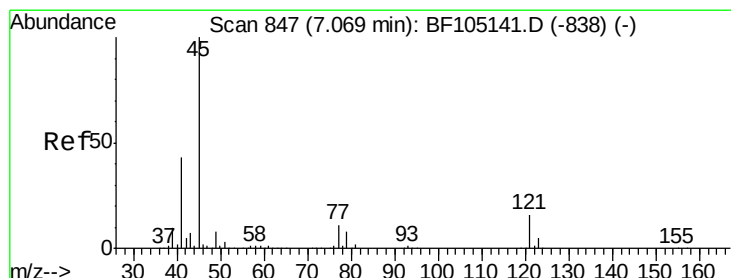
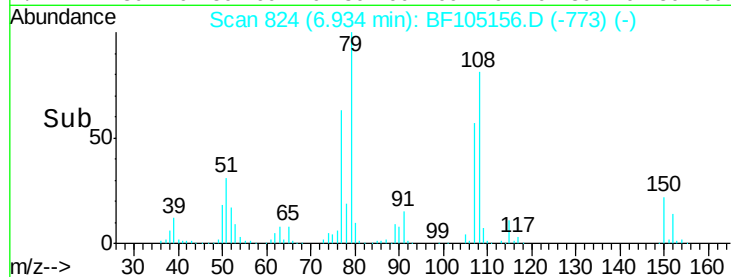
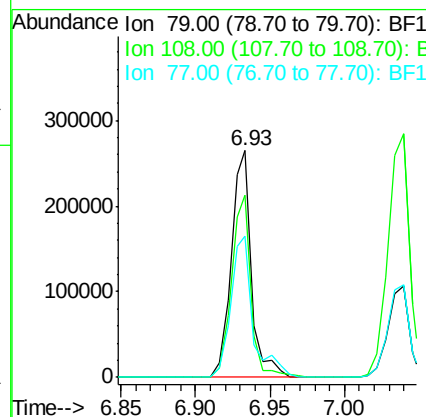
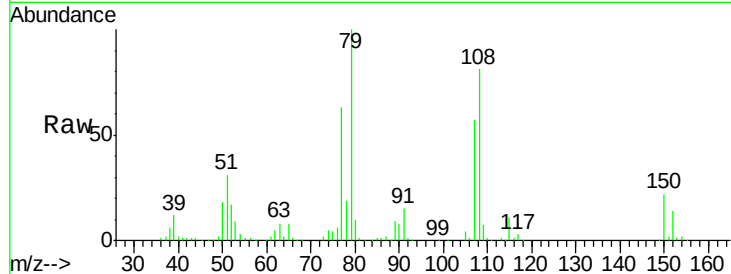
#15
Benzyl Alcohol
Concen: 22.036 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.6	65.1	97.7
77	62.6	50.6	75.8

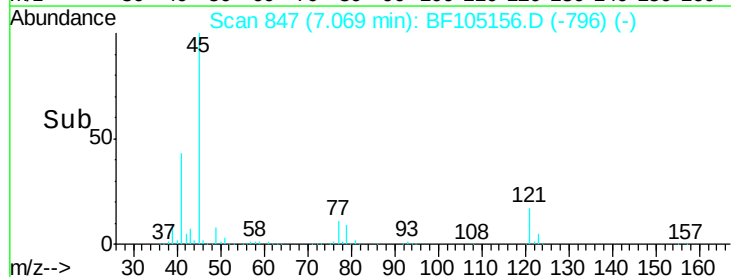
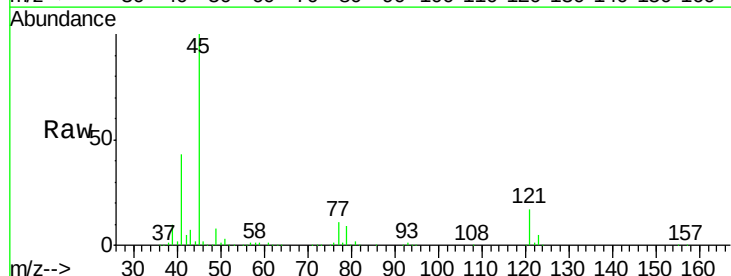
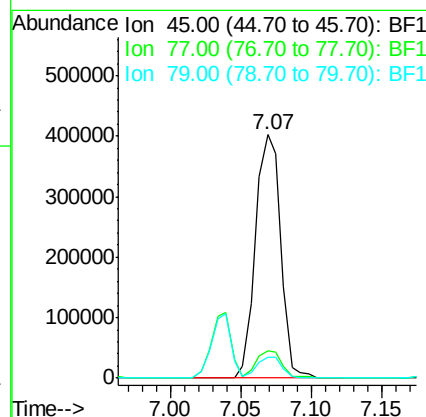
Manual Integrations
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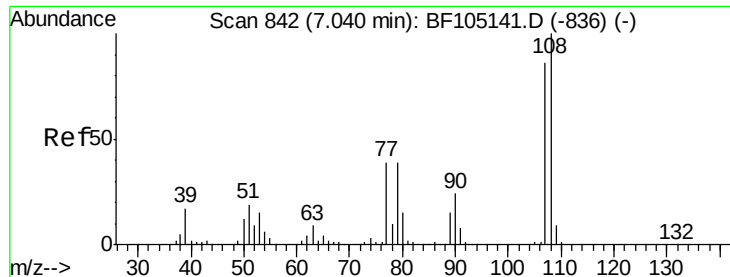
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#16
2,2'-oxybis(1-chloropropane)
Concen: 19.810 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	32.9
79	8.8	0.0	29.6





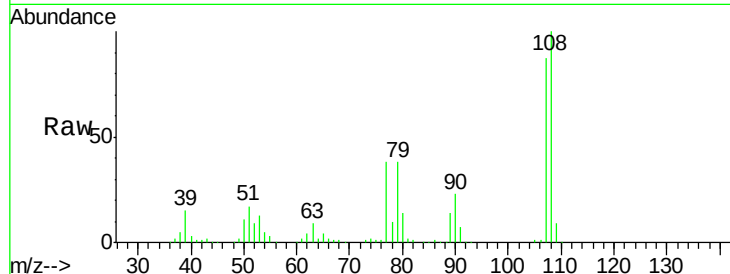
#17
2-Methylphenol
Concen: 20.846 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

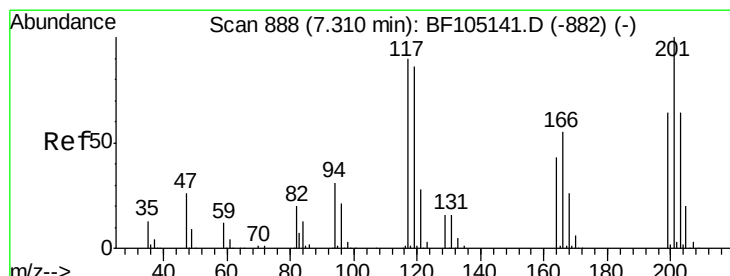
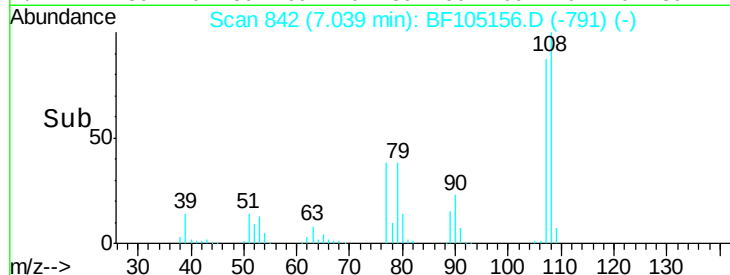
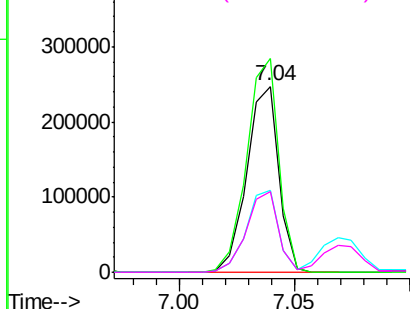
Tot Ion:	107	Resp:	240774
Ion Ratio	Lower	Upper	
107	100		
108	114.9	91.7	137.5
77	44.0	33.8	50.8
79	43.4	33.8	50.8

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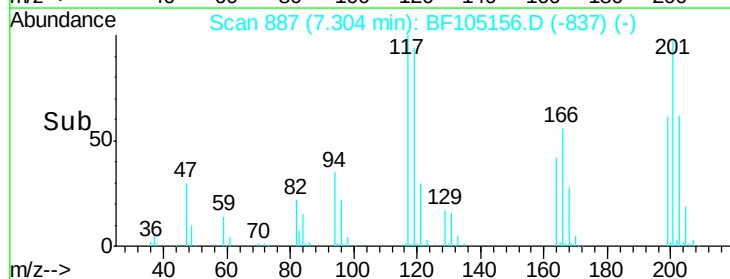
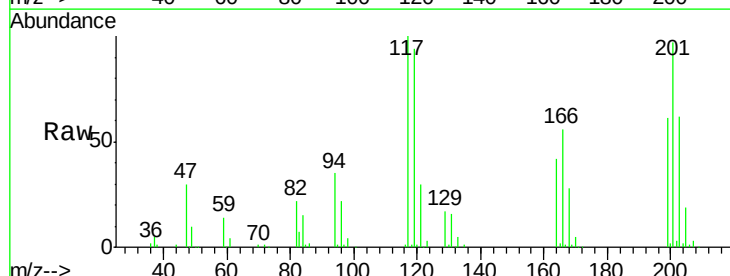
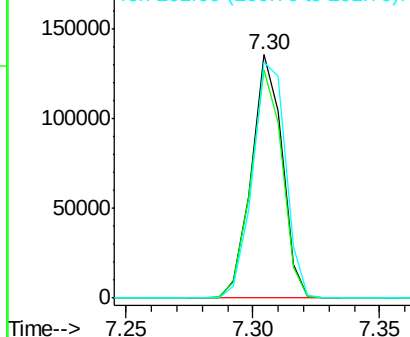
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

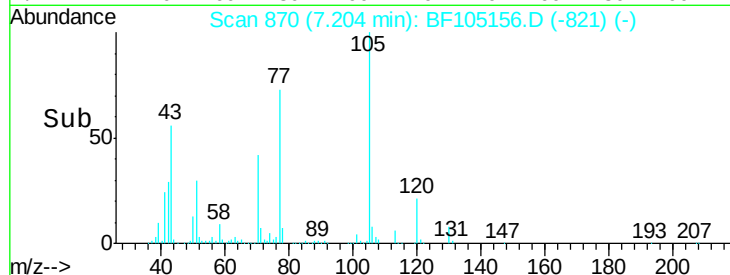
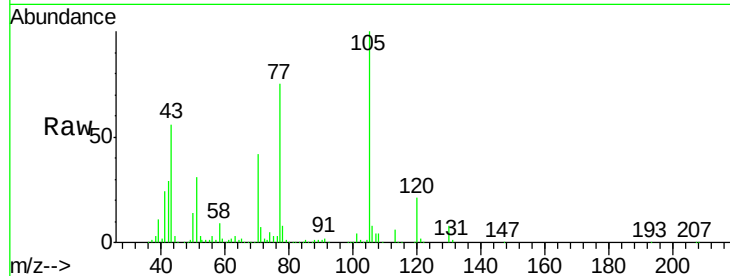
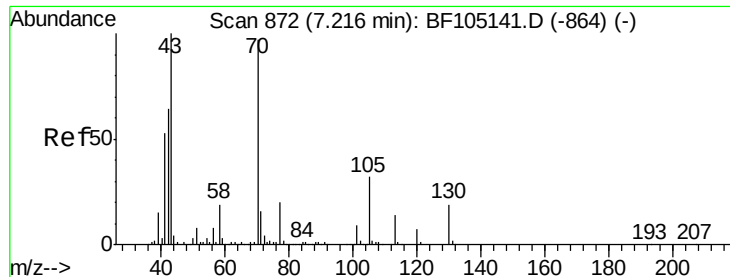


#18
Hexachloroethane
Concen: 22.198 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion:	117	Resp:	115174
Ion Ratio	Lower	Upper	
117	100		
119	93.7	75.8	113.8
201	96.9	75.7	113.5

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





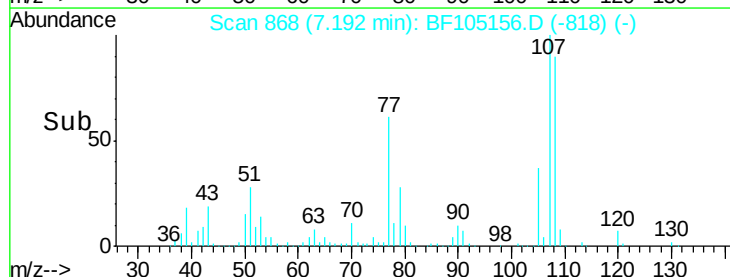
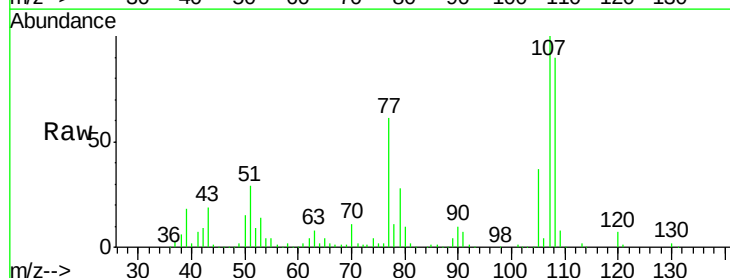
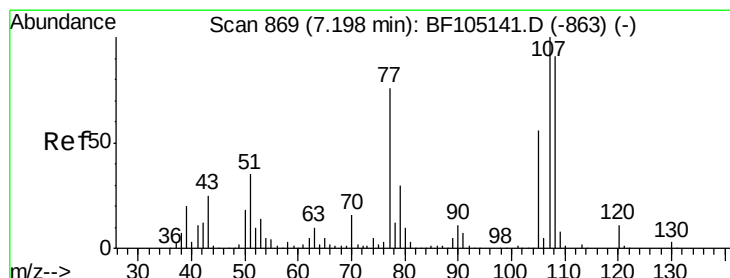
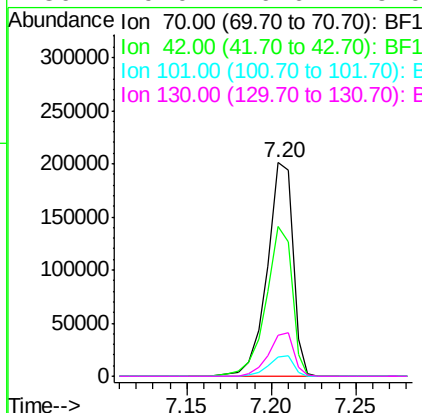
#19
n-Nitroso-di-n-propylamine
Concen: 21.342 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	69.9		47.5	71.3	
101	9.2		7.4	11.2	
130	19.0		16.6	25.0	

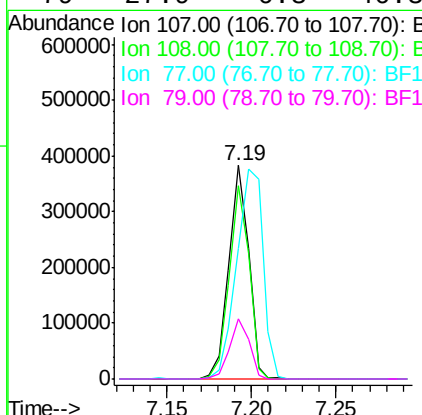
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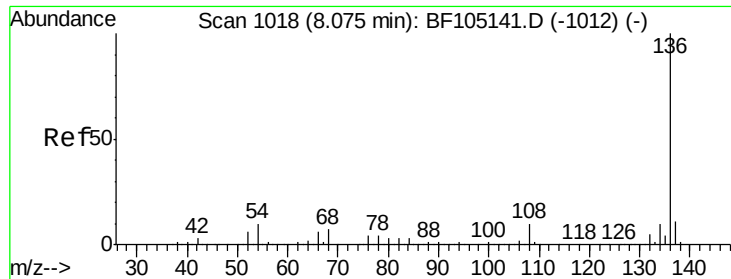
Sohil
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#20
3+4-Methylphenols
Concen: 23.075 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.5		68.2	108.2	
77	61.0		26.7	66.7	
79	27.9		6.3	46.3	





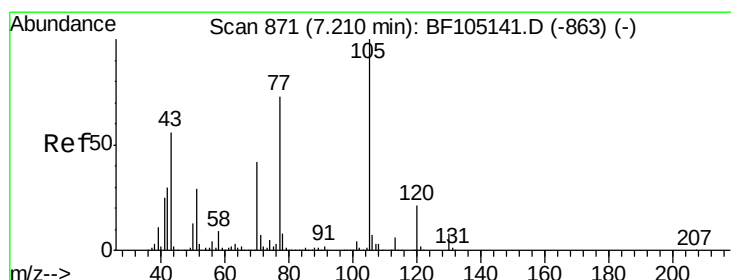
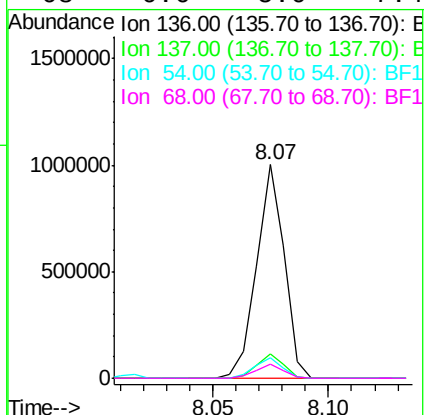
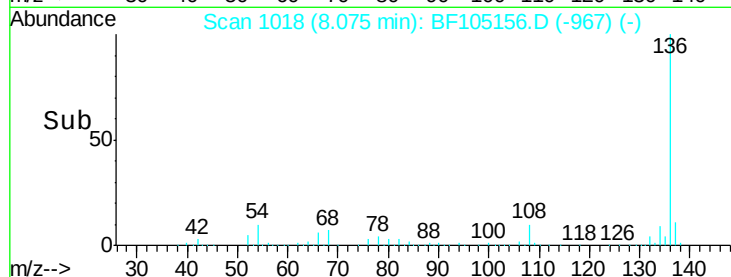
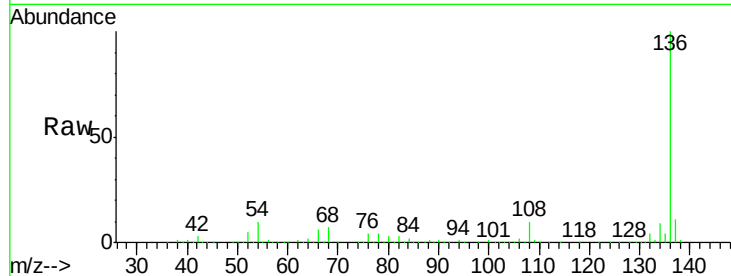
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	9.9	6.6	9.8	
68	6.6	5.0	7.4	

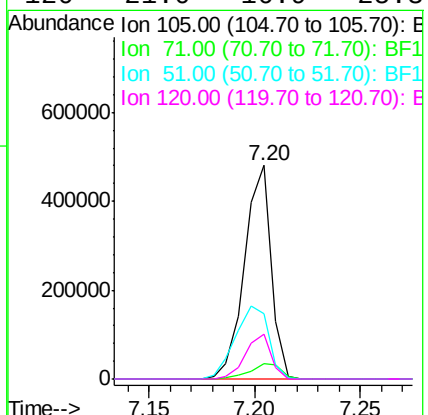
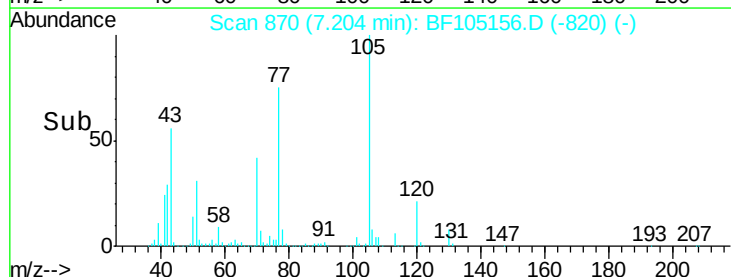
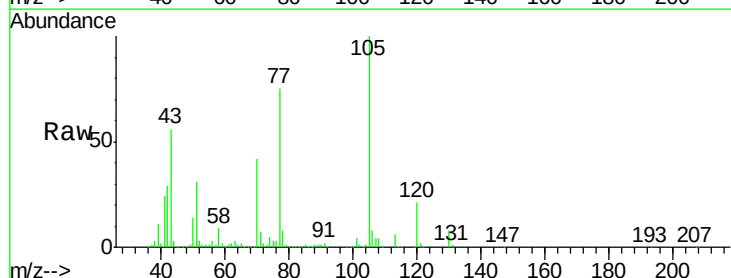
Manual Integrations
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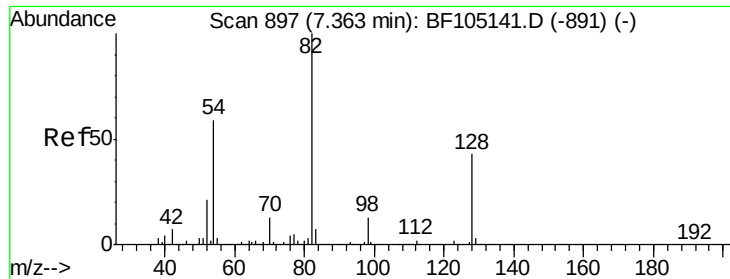
Sohil
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#22
Acetophenone
Concen: 21.582 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	4.4	6.6	
51	30.7	22.3	33.5	
120	21.0	16.9	25.3	





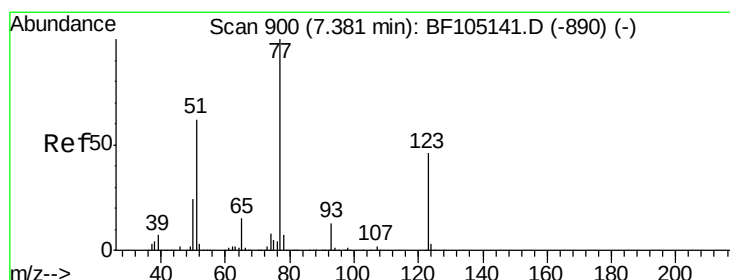
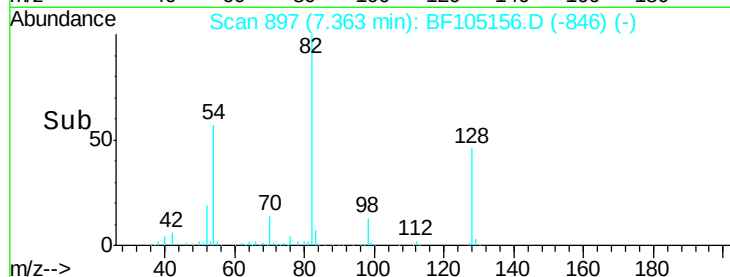
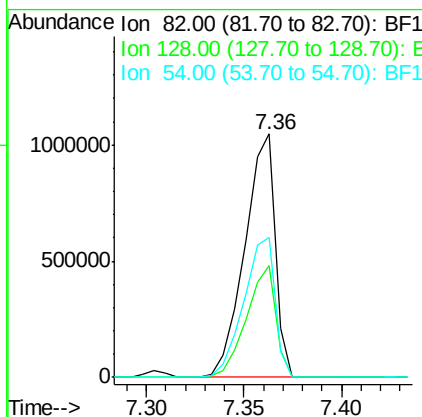
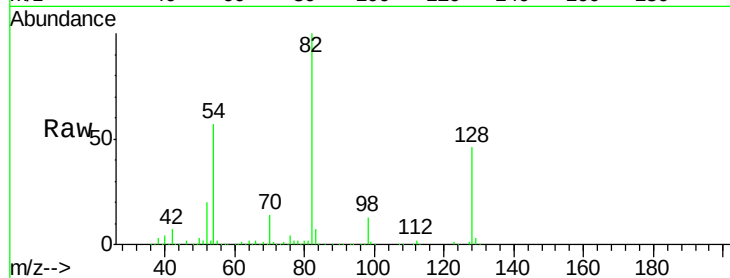
#23
Nitrobenzene-d5
Concen: 91.423 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	57.4	41.4	62.2

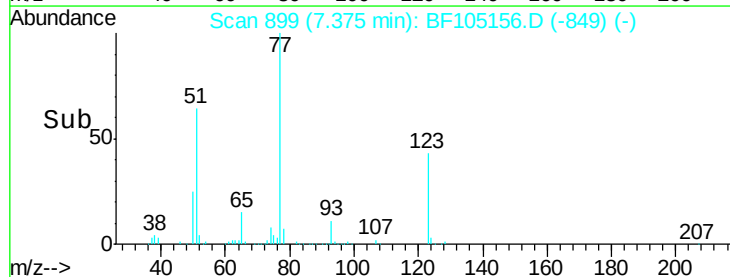
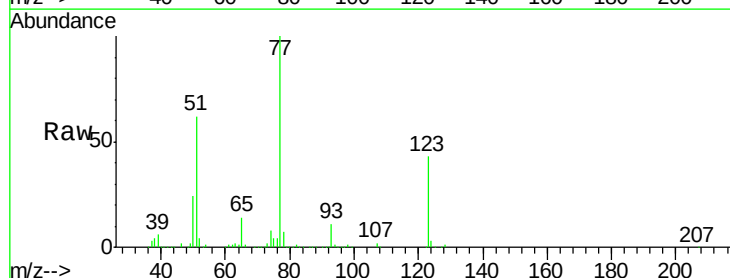
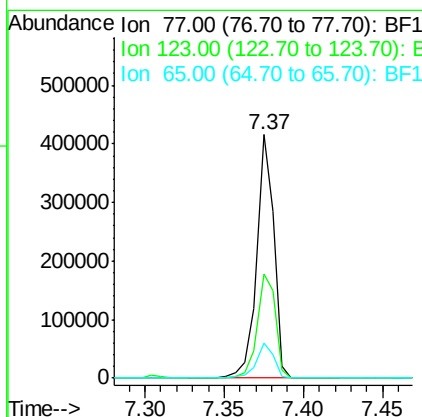
Manual Integrations
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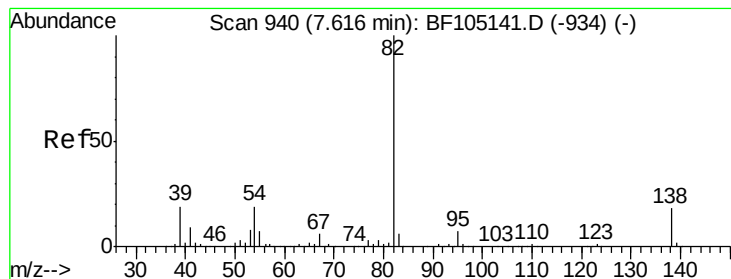
Sohil
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#24
Nitrobenzene
Concen: 22.071 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 19.177 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

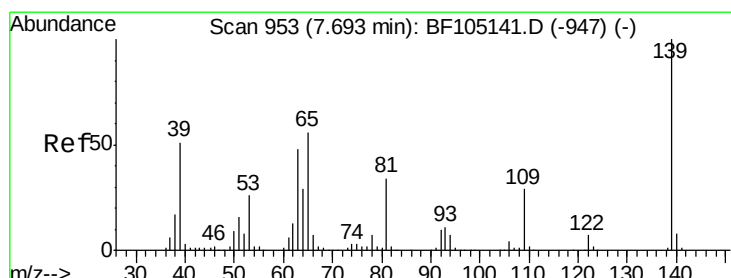
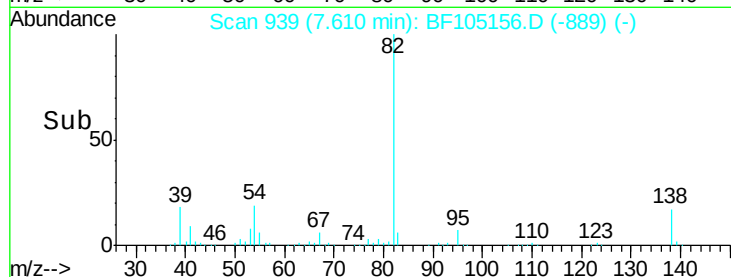
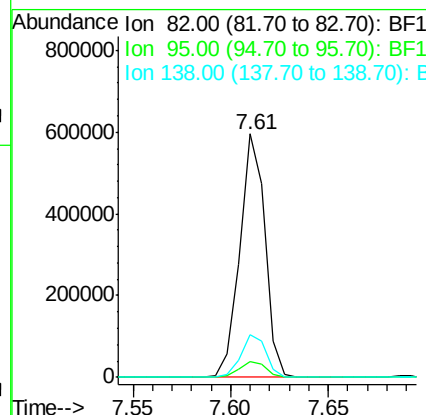
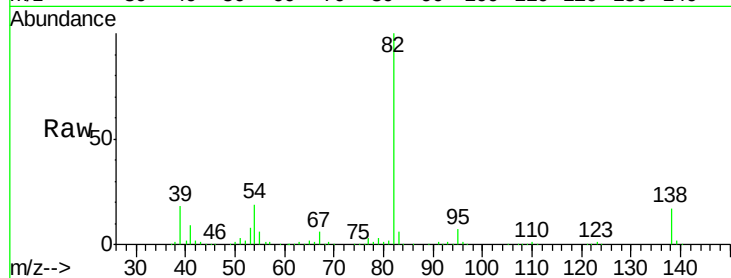
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	82	Resp:	531277
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 27.858 ng

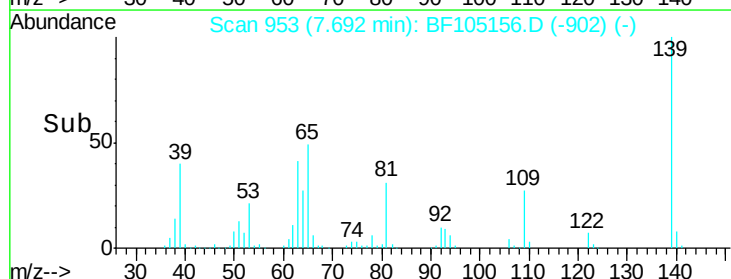
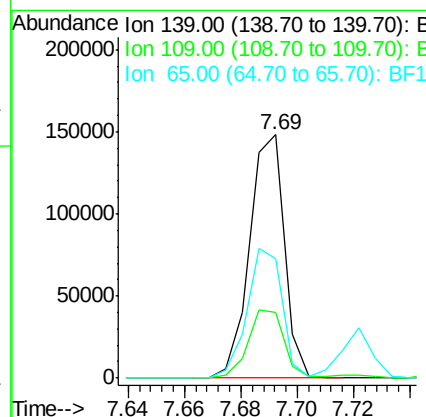
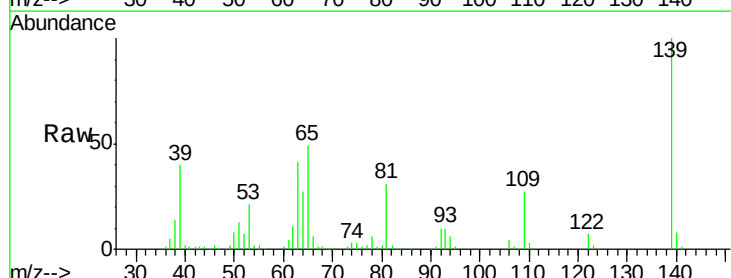
RT: 7.69 min Scan# 953

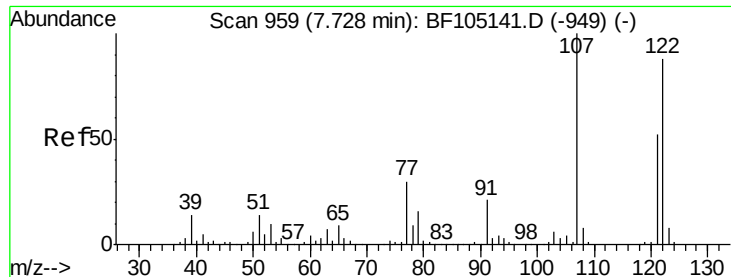
Delta R.T. 0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion:	139	Resp:	127036
Ion Ratio	Lower	Upper	
139	100		
109	27.2	22.7	34.1
65	49.1	40.5	60.7





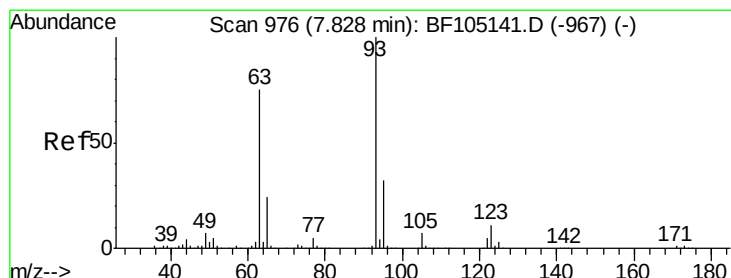
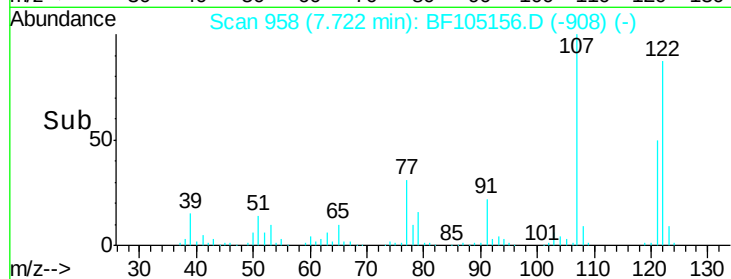
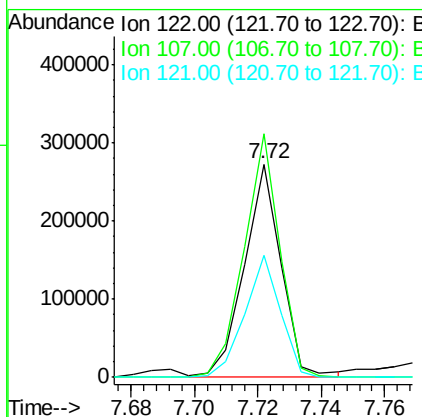
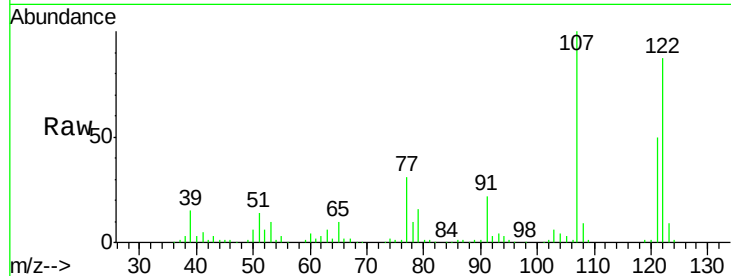
#27
 2,4-Dimethylphenol
 Concen: 17.818 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
122	100	219363		
107	114.3	91.2	136.8	
121	57.4	47.2	70.8	

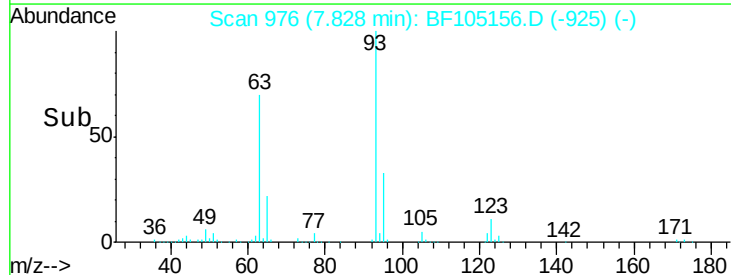
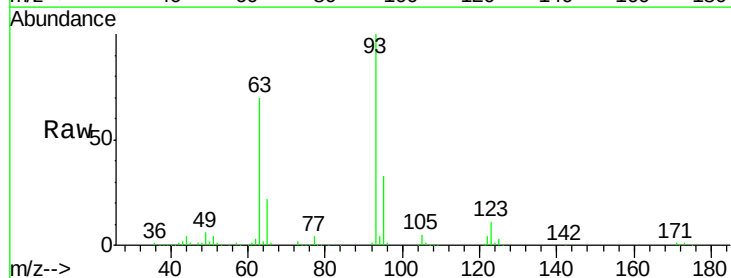
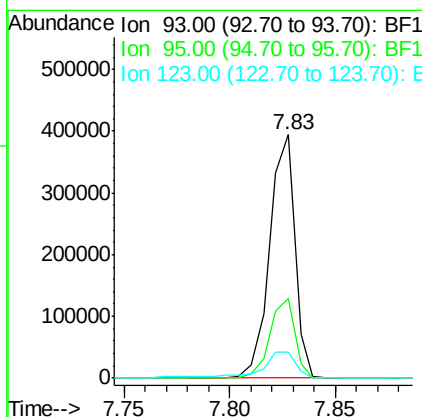
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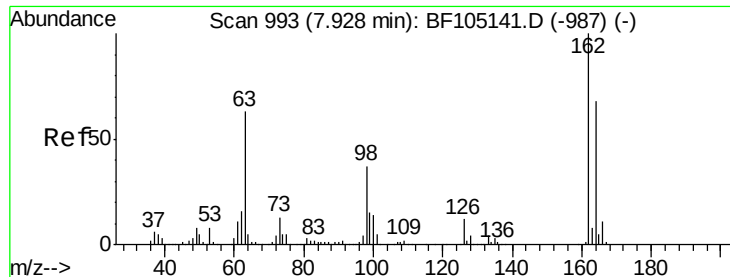
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#28
 bis(2-Chloroethoxy)methane
 Concen: 19.174 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	327815		
95	33.0	26.3	39.5	
123	10.9	9.8	14.6	





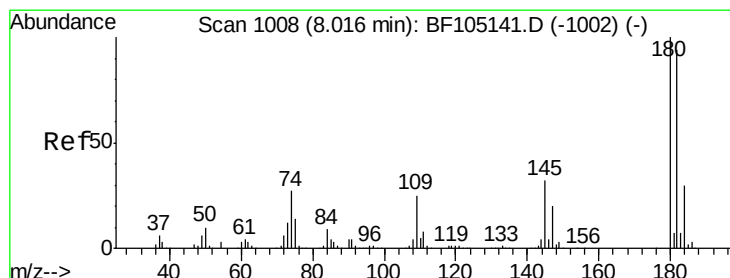
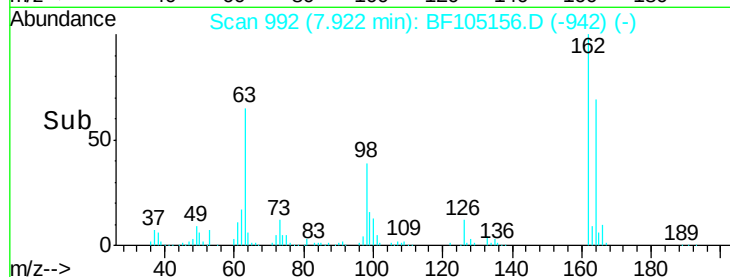
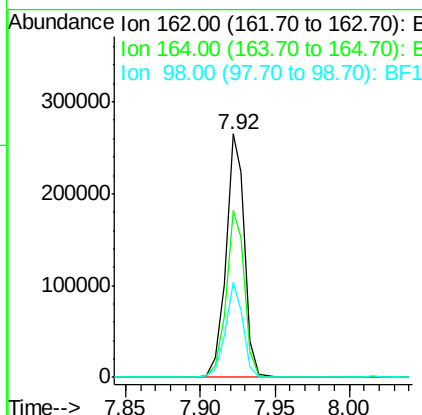
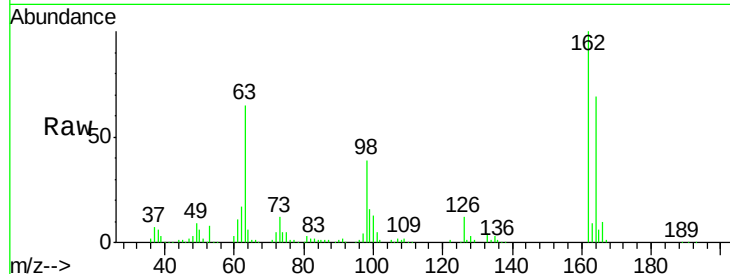
#29
 2,4-Dichlorophenol
 Concen: 20.166 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Tot Ion:	162	Resp:	232258
Ion Ratio	Lower	Upper	
162	100		
164	68.7	42.7	82.7
98	39.2	18.1	58.1

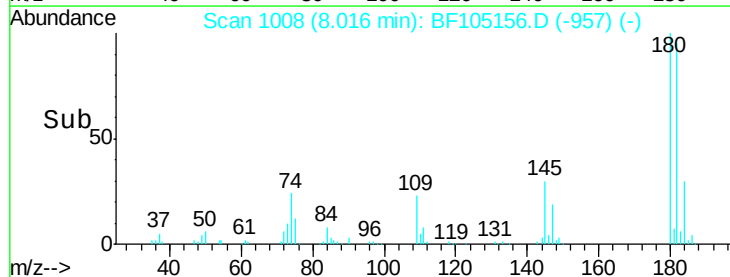
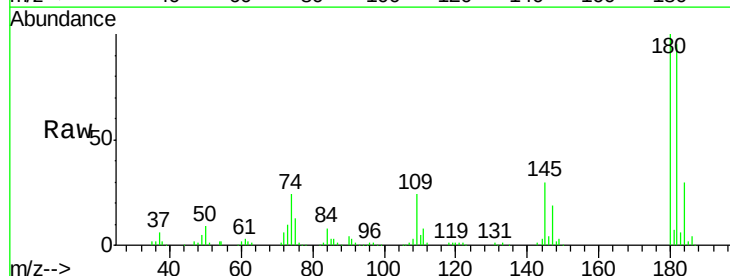
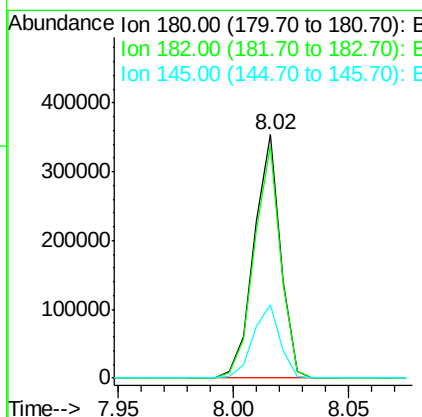
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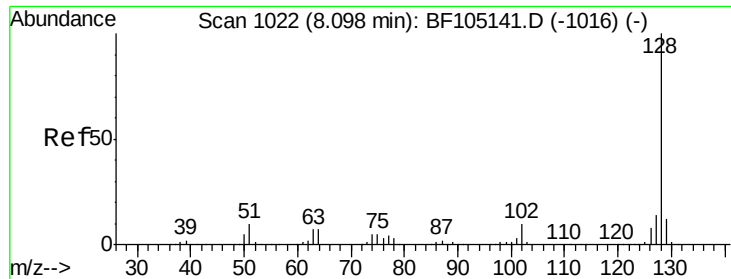
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#30
 1,2,4-Trichlorobenzene
 Concen: 21.310 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion:	180	Resp:	283069
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.8	115.2
145	30.2	26.5	39.7





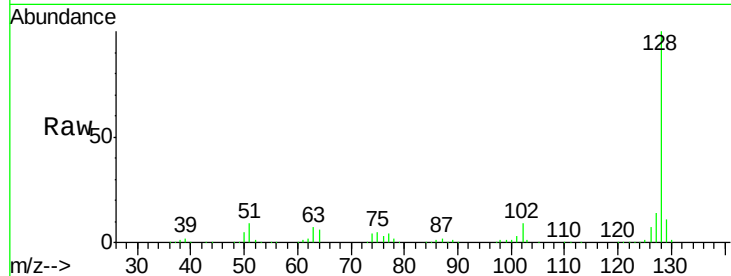
#31
Naphthalene
Concen: 20.736 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

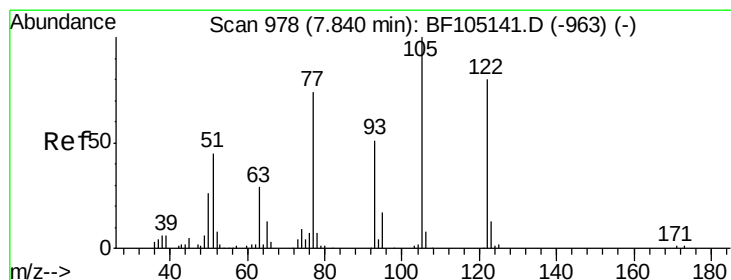
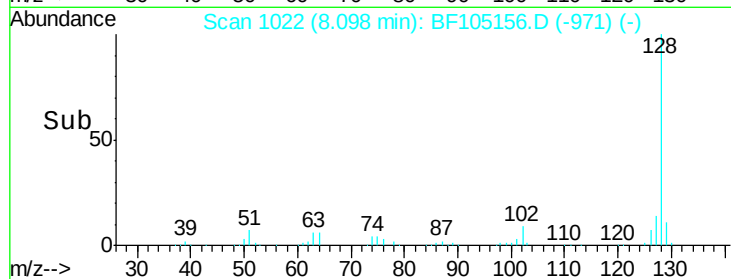
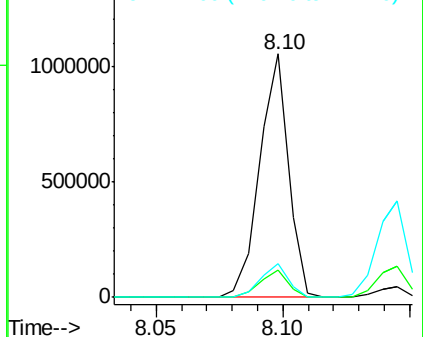
Tot Ion	Ratio	Resp	Lower	Upper
128	100	838226		
129	11.1		8.8	13.2
127	13.7		10.9	16.3

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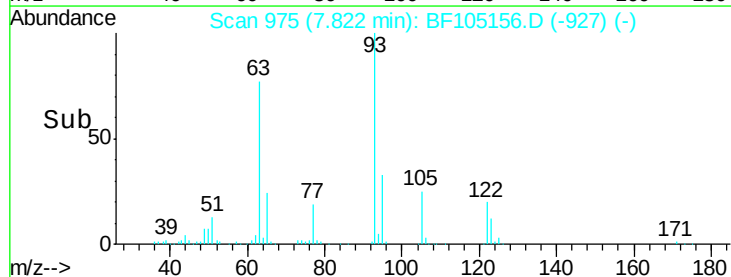
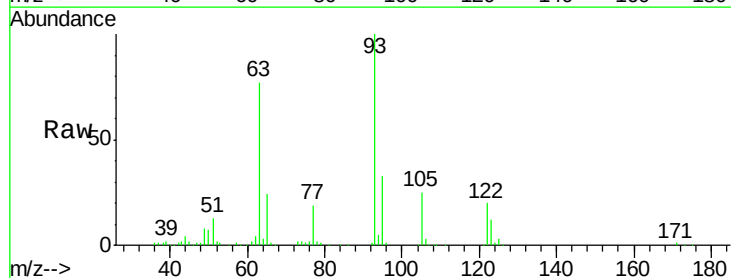
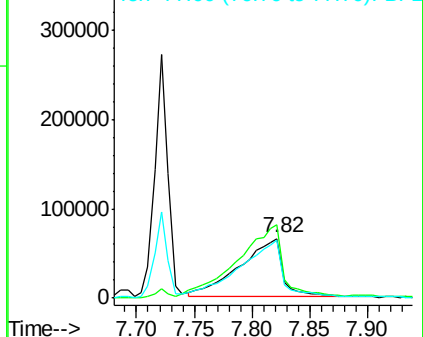
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

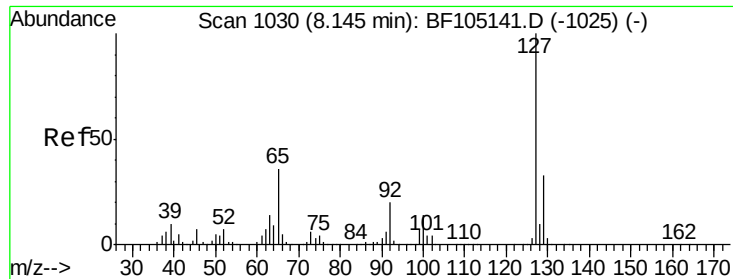


#32
Benzoic acid
Concen: 29.932 ng m
RT: 7.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	171142		
105	123.9		101.1	141.1
77	97.5		70.7	110.7

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





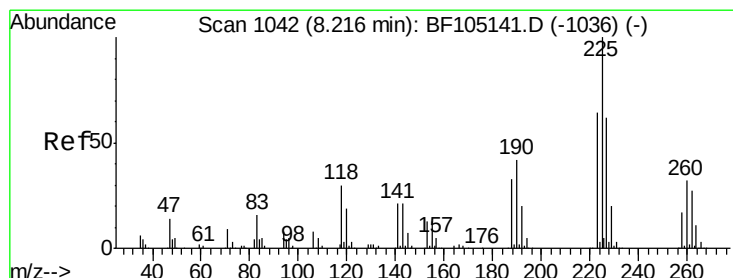
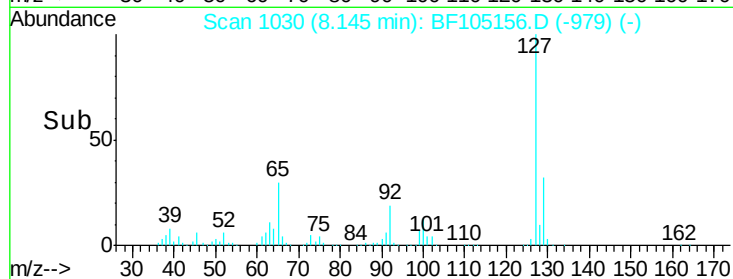
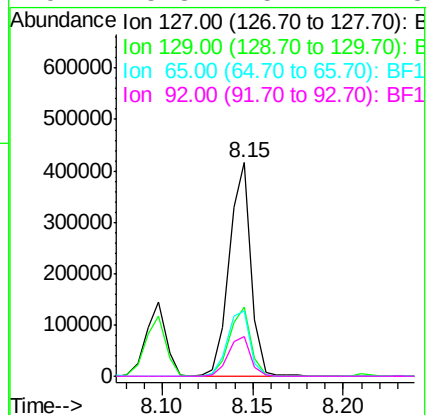
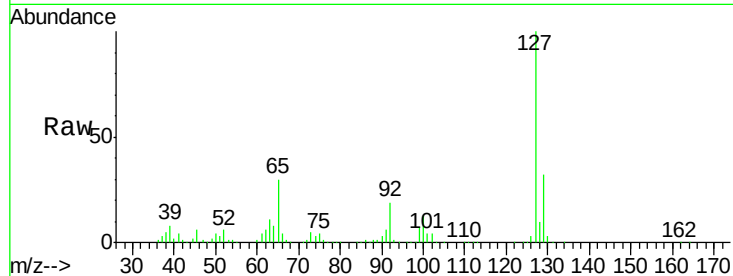
#33
4-Chloroaniline
Concen: 20.568 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4		25.9	38.9	
65	30.5		25.0	37.4	
92	18.8		15.2	22.8	

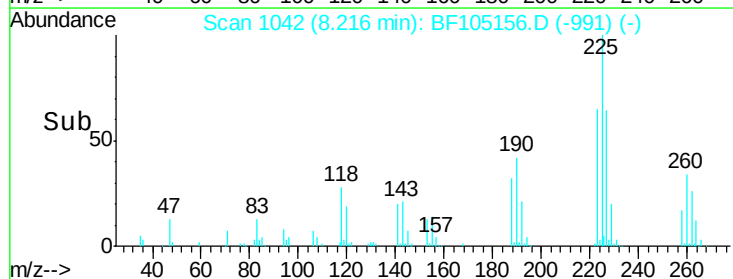
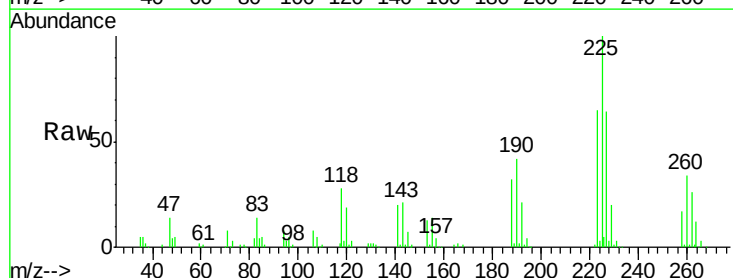
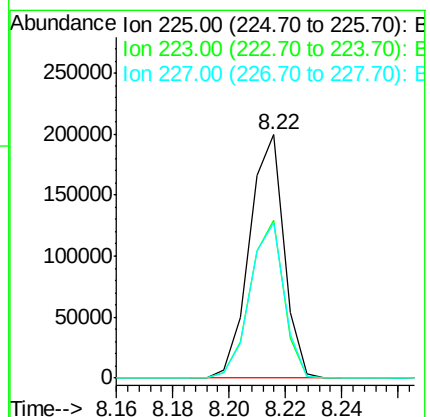
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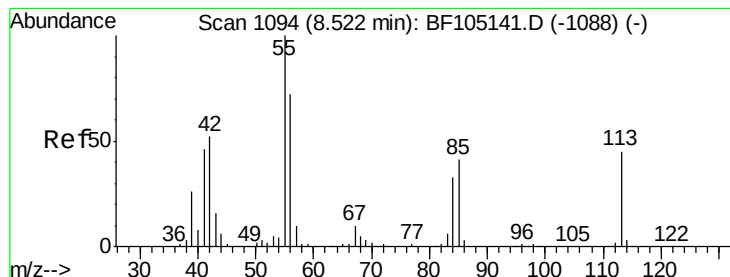
Sohil
5/9/2018 6:50:55 PM



#34
Hexachlorobutadiene
Concen: 21.963 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6		50.6	76.0	
227	63.5		51.9	77.9	





#35

Caprolactam

Concen: 21.042 ng

RT: 8.50 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:113 Resp: 73603

Ion Ratio Lower Upper

113 100

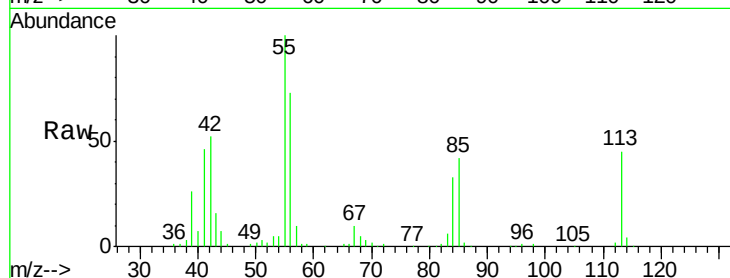
55 220.7 163.3 203.3#

56 161.9 115.7 155.7#

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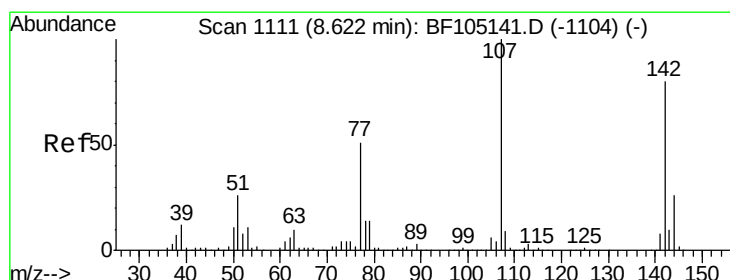
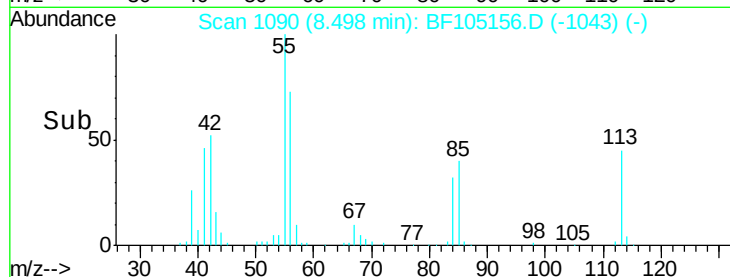
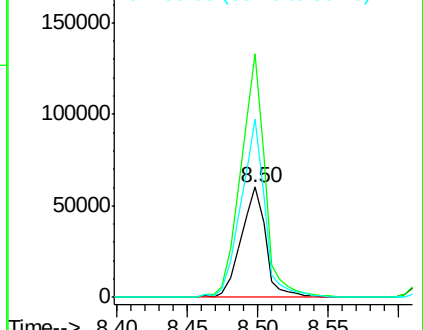
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 20.171 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

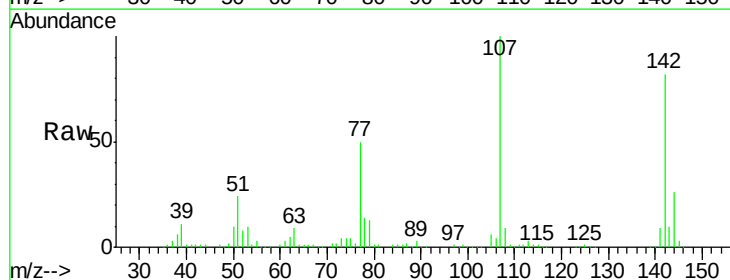
Tgt Ion:107 Resp: 241883

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

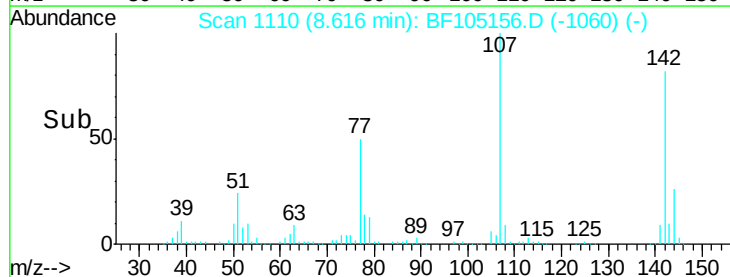
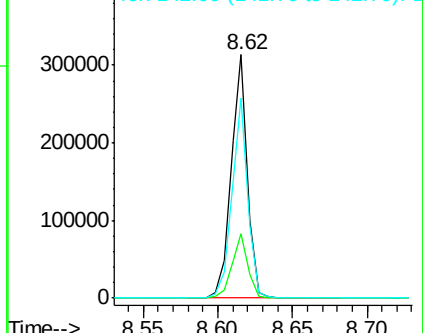
142 82.3 62.0 93.0

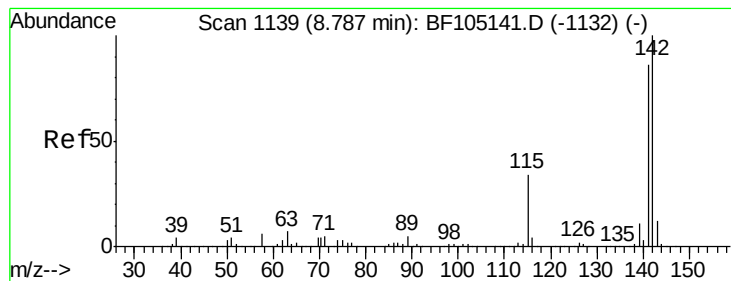


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 20.340 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

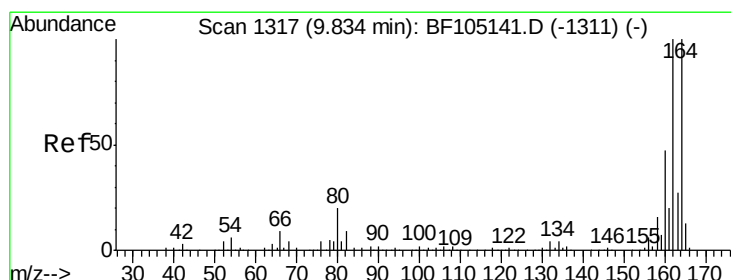
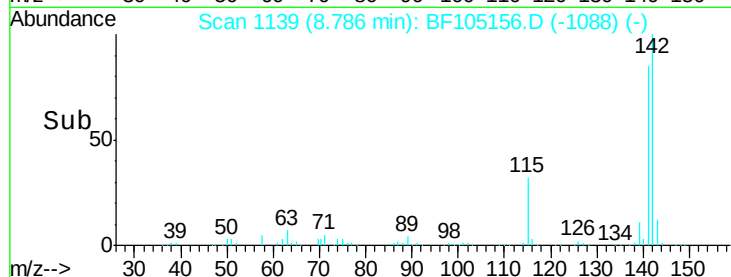
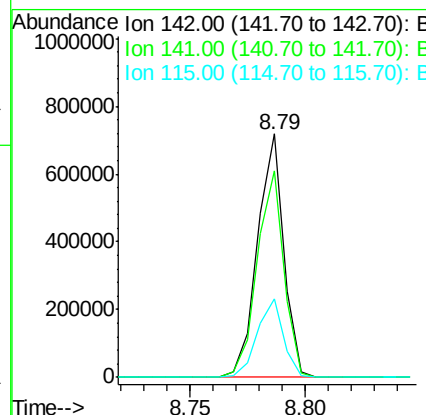
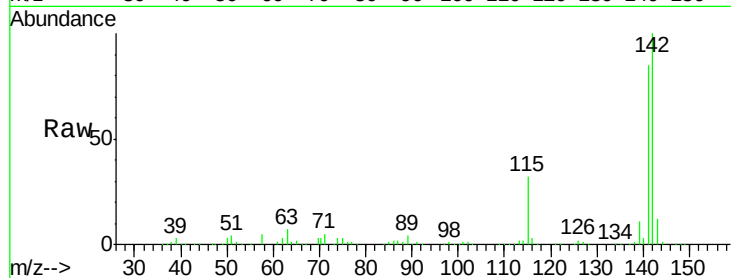
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	142	Resp:	573100
Ion Ratio	Lower	Upper	
142	100		
141	84.7	70.8	106.2
115	32.0	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

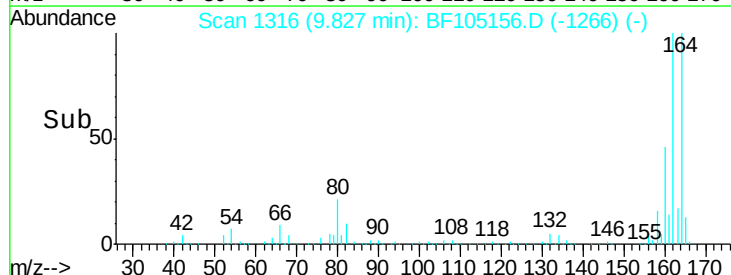
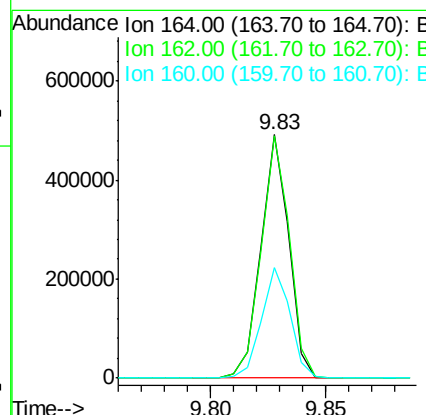
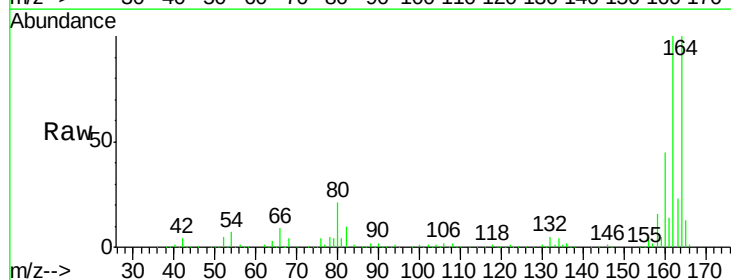
RT: 9.83 min Scan# 1316

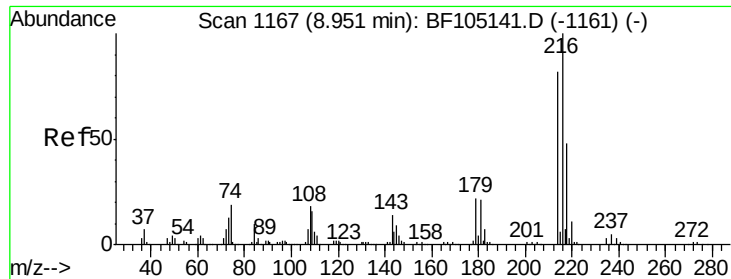
Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion:	164	Resp:	413689
Ion Ratio	Lower	Upper	
164	100		
162	99.6	86.1	129.1
160	45.5	38.3	57.5





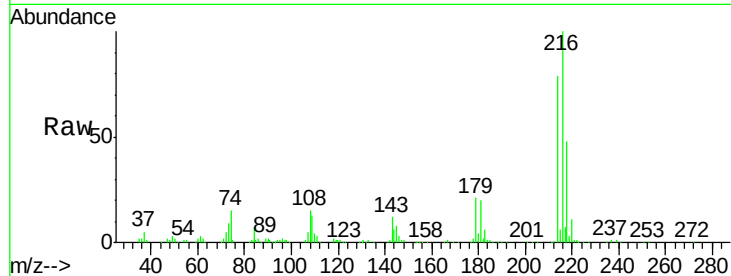
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.161 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

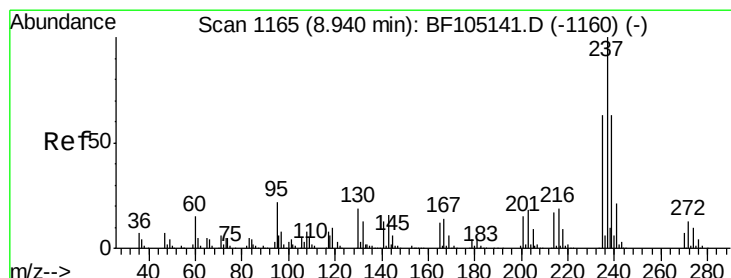
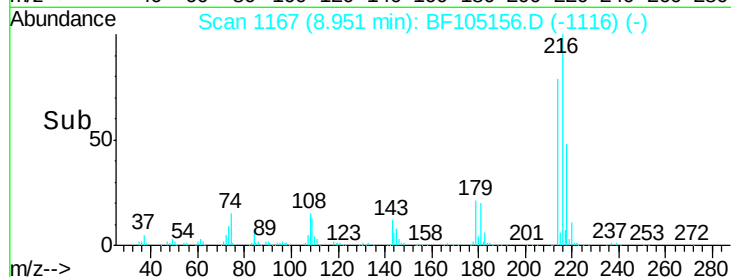
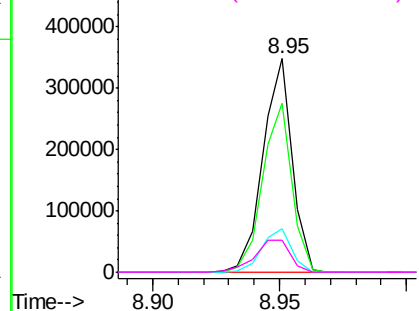
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		278560		
214	79.3		63.0	94.4	
179	21.0		18.1	27.1	
108	18.4		17.2	25.8	

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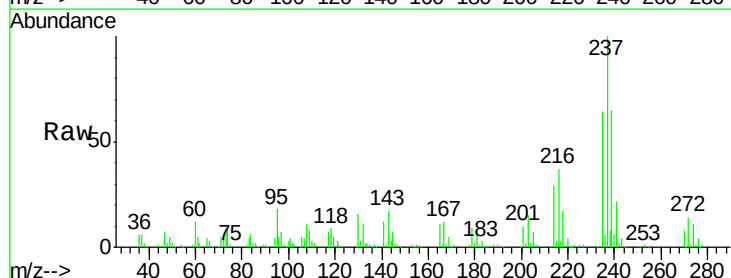


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

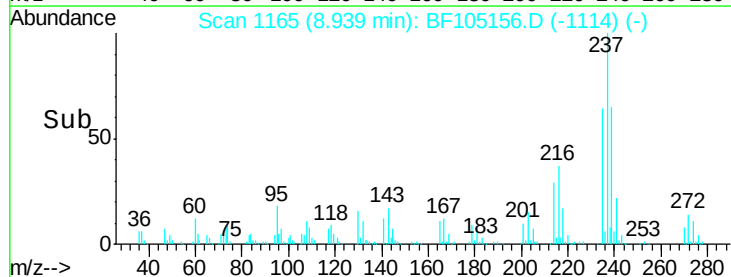
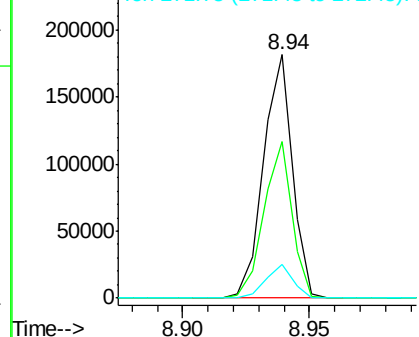


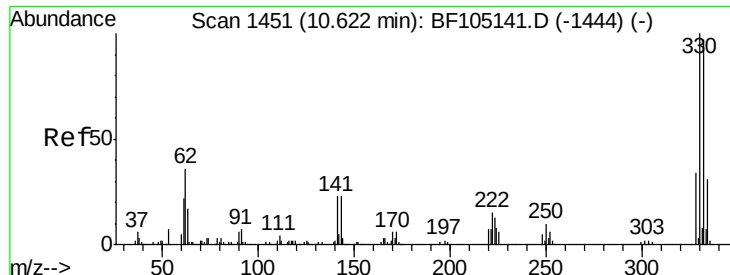
#40
 Hexachlorocyclopentadiene
 Concen: 20.378 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		145058		
235	64.3		44.8	84.8	
272	13.6		0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





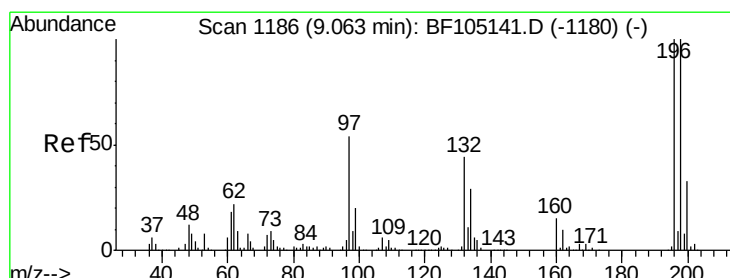
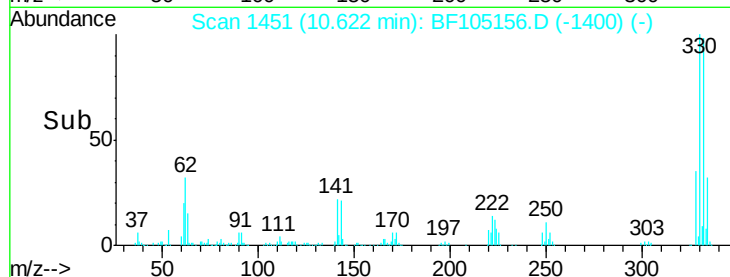
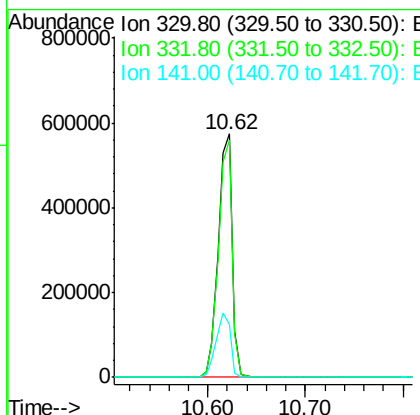
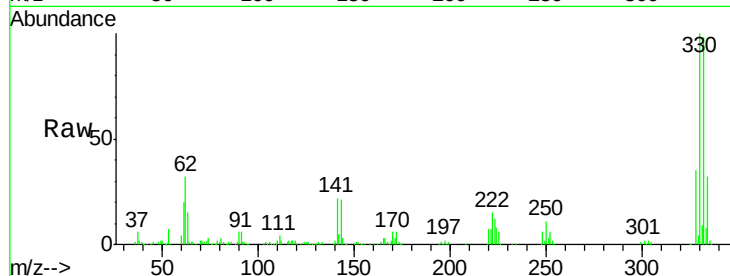
#41
 2,4,6-Tribromophenol
 Concen: 124.949 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
330	100	570283		
332	96.2		77.0	115.6
141	27.4		29.9	44.9#

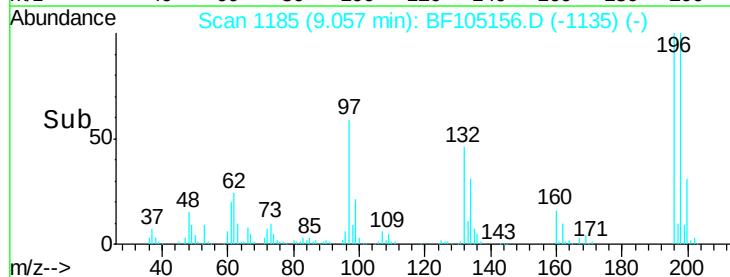
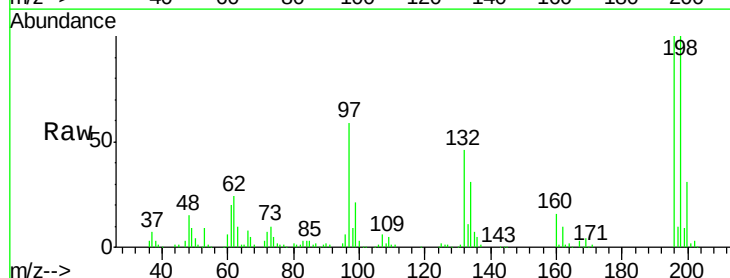
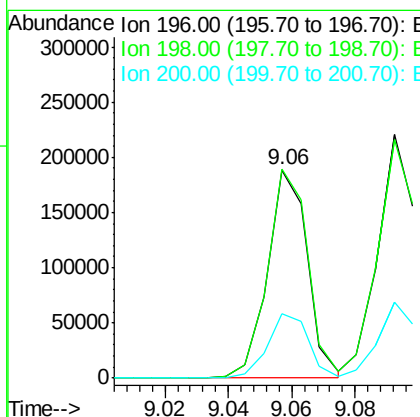
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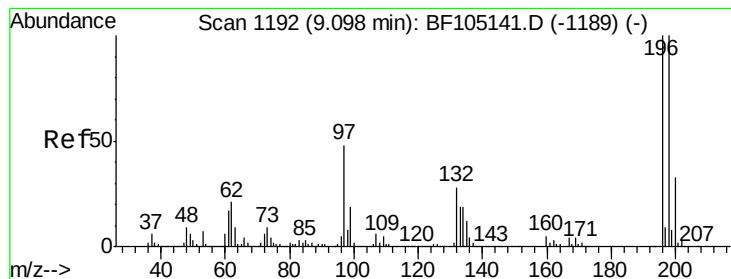
Sohil
 5/9/2018 6:50:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 20.542 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	164987		
198	100.3		75.7	113.5
200	31.1		24.5	36.7





#43

2,4,5-Trichlorophenol

Concen: 22.343 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

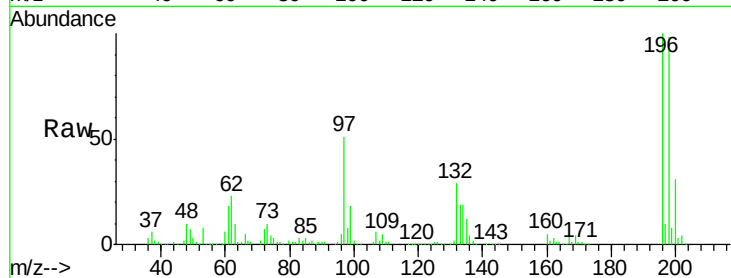
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	196	Resp:	187504
Ion Ratio	Lower	Upper	
196	100		
198	97.9	74.6	112.0
97	51.3	42.9	64.3
132	29.3	26.3	39.5

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5/9/2018 6:50:55 PM

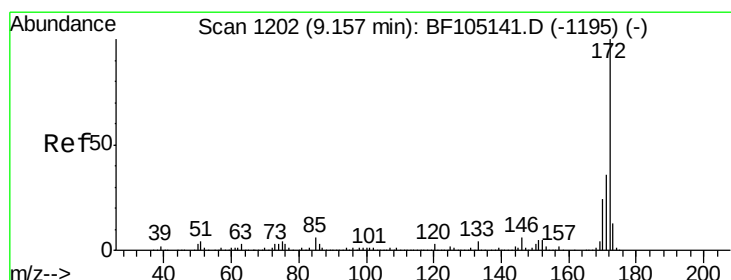
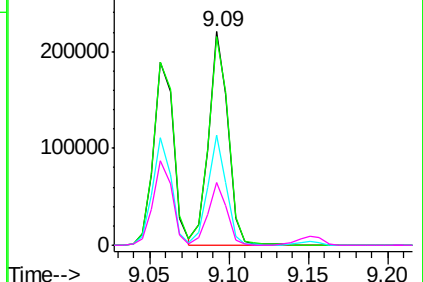
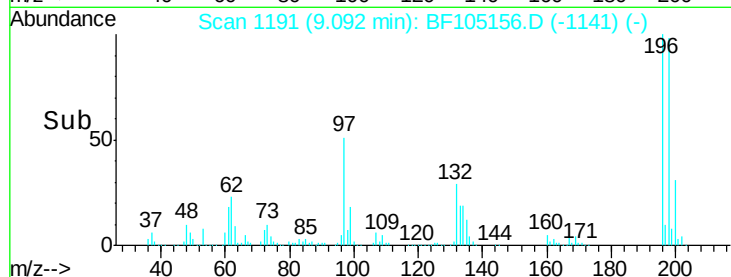


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 75.668 ng

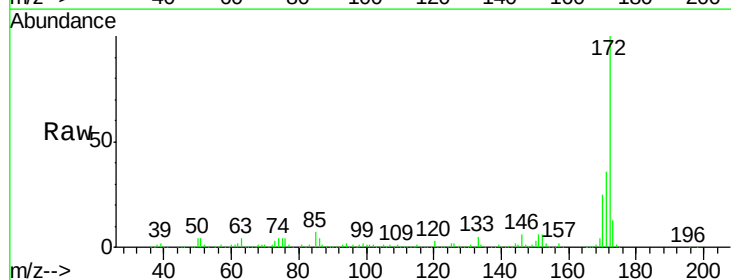
RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

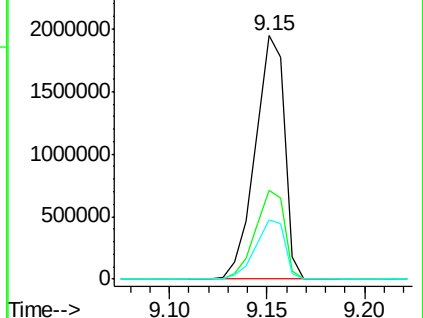
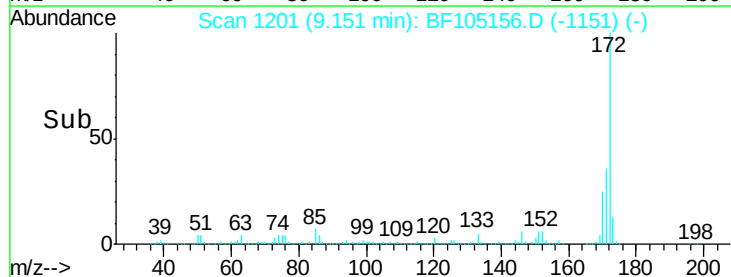
Tgt Ion:	172	Resp:	2016813
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4

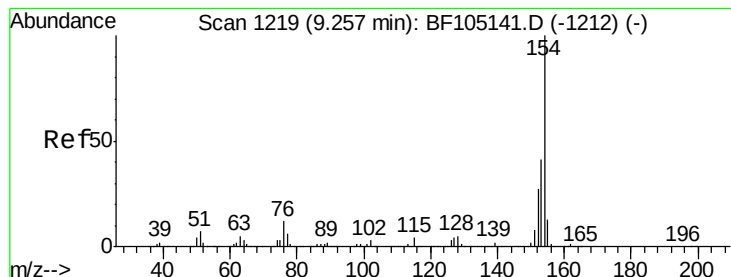


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 21.986 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

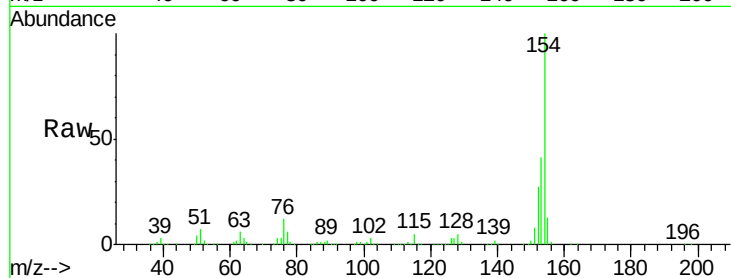
ClientSampleId :

LOQ-SOIL-02-QT2-2018

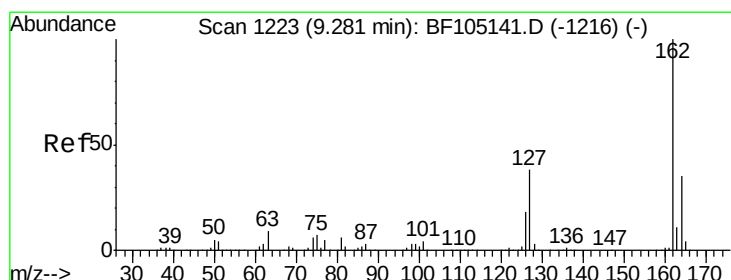
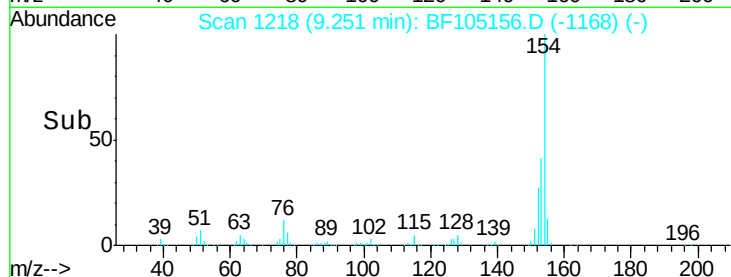
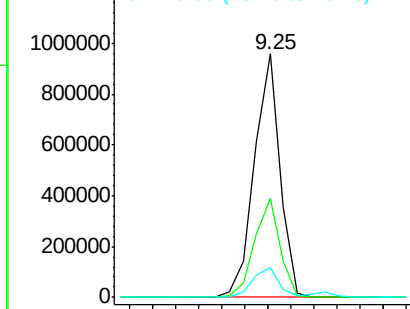
Tot Ion:	154	Resp:	741047
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	12.3	0.0	34.0

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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): BF1



#46

2-Chloronaphthalene

Concen: 21.681 ng

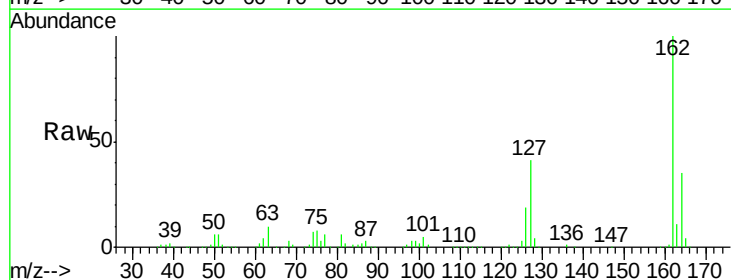
RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

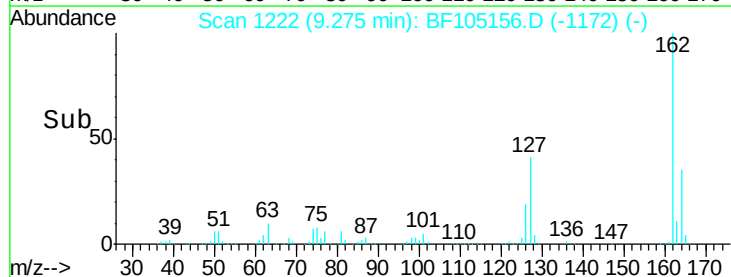
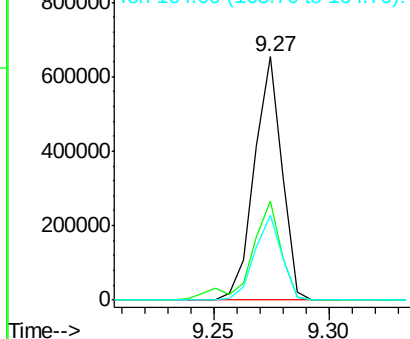
Lab File: BF105156.D

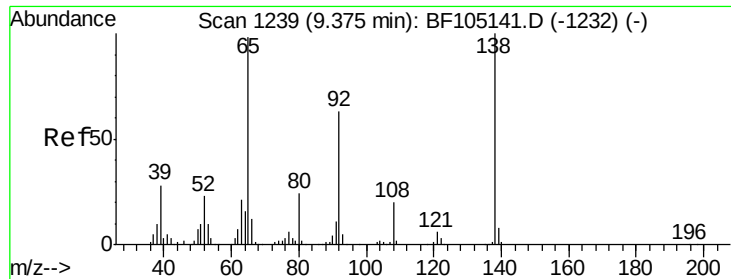
Acq: 8 May 2018 20:46

Tgt Ion:	162	Resp:	546180
Ion Ratio	Lower	Upper	
162	100		
127	40.7	33.9	50.9
164	35.0	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





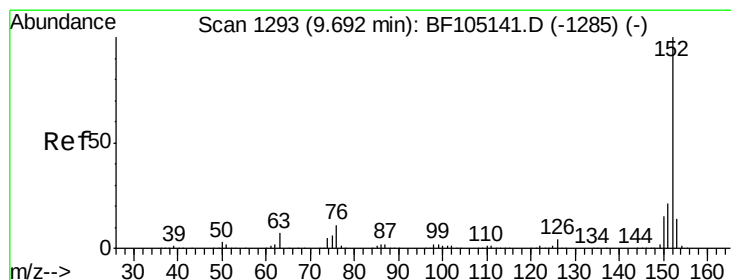
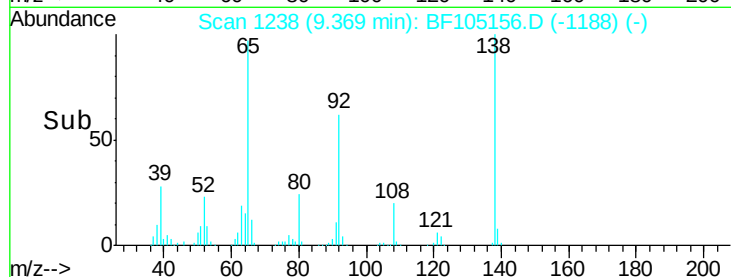
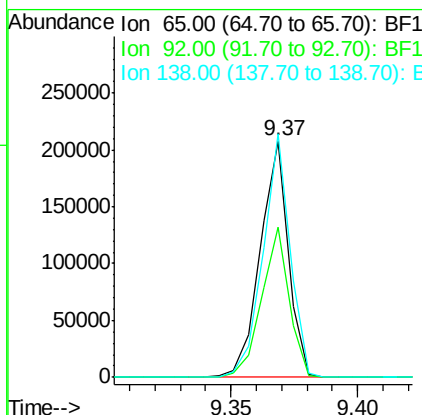
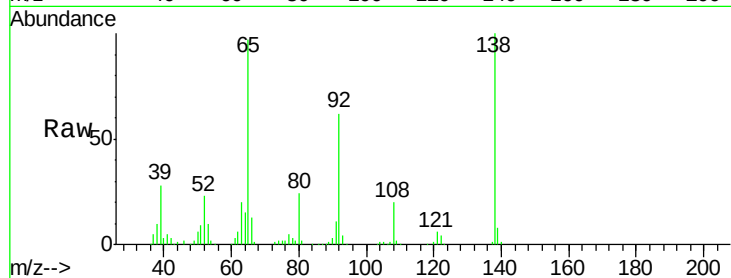
#47
2-Nitroaniline
Concen: 25.279 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.6	55.8	83.6
138	103.0	91.2	136.8

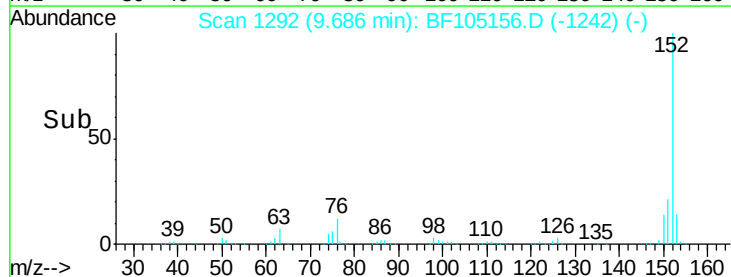
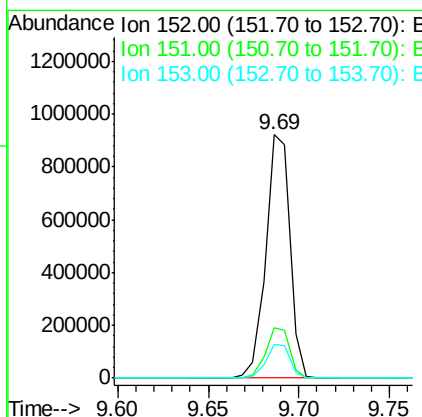
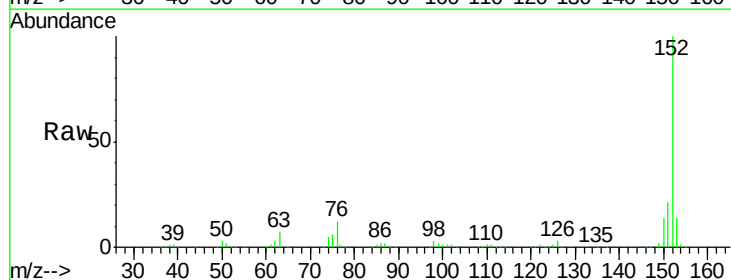
Manual Integrations
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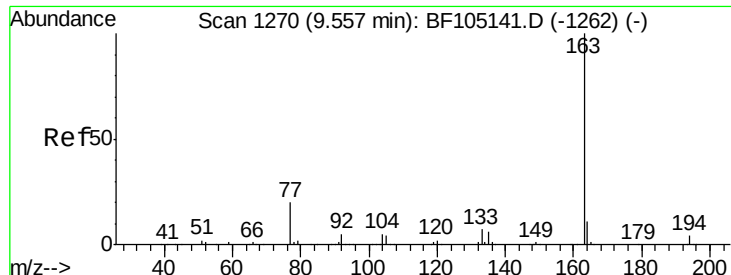
Sohil
5/9/2018 6:50:55 PM



#48
Acenaphthylene
Concen: 21.976 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.8	10.7	16.1





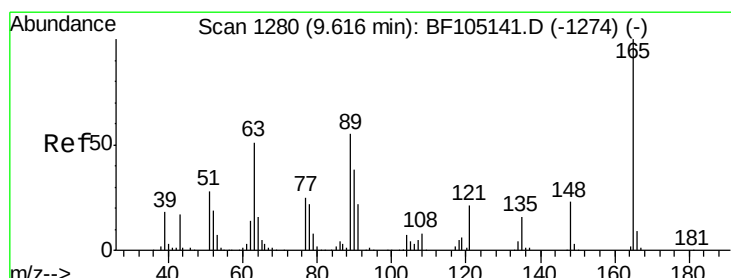
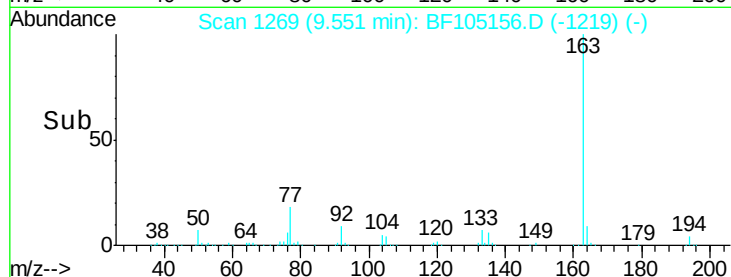
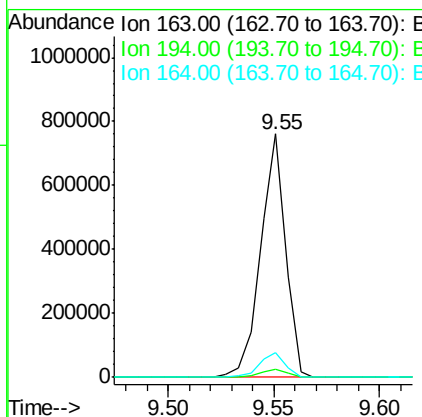
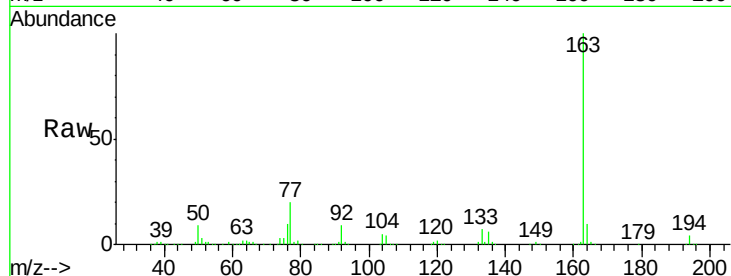
#49
Dimethylphthalate
Concen: 22.326 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
163	100	625248		
194	3.5		2.7	4.1
164	10.2		8.2	12.2

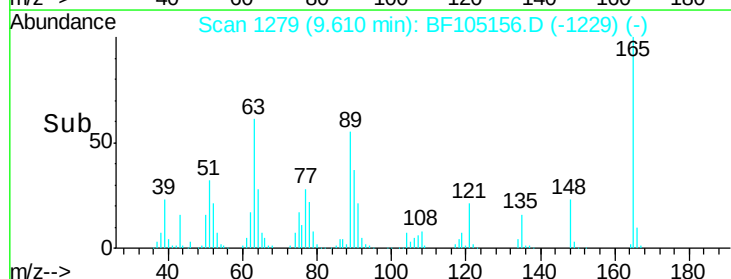
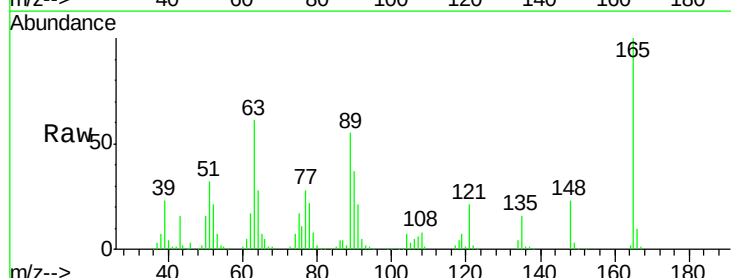
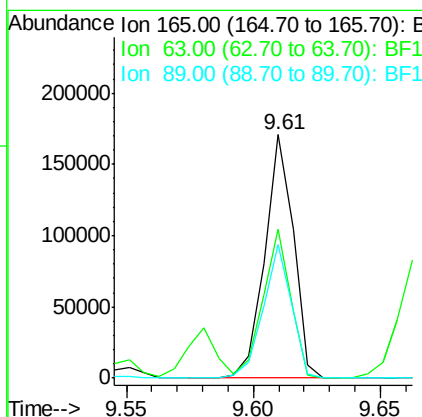
Manual Integrations
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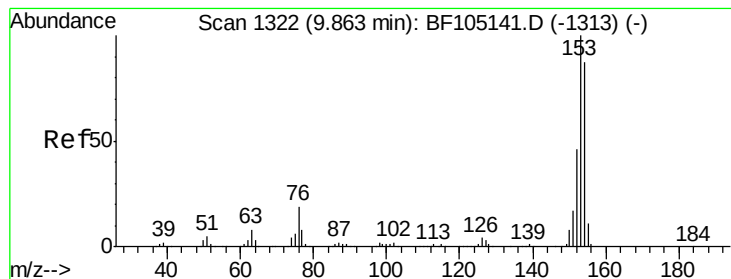
Sohil
5/9/2018 6:50:55 PM



#50
2,6-Dinitrotoluene
Concen: 22.257 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	135254		
63	61.1		44.7	67.1
89	54.9		44.0	66.0





#51

Acenaphthene

Concen: 21.862 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

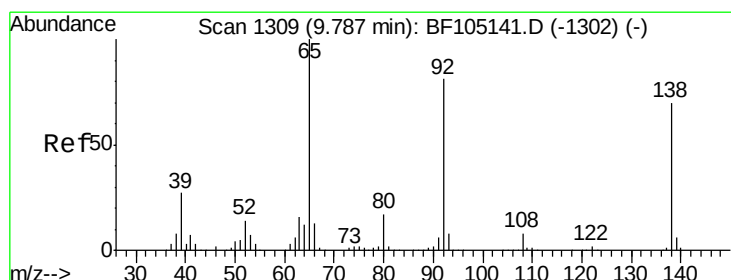
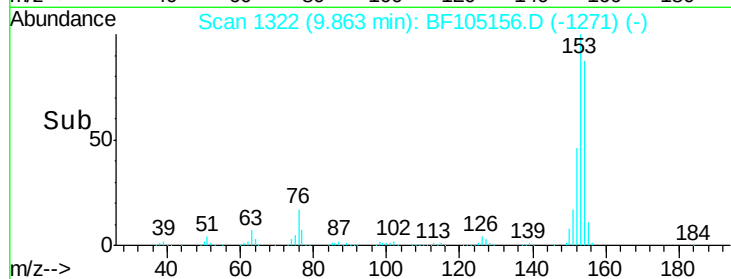
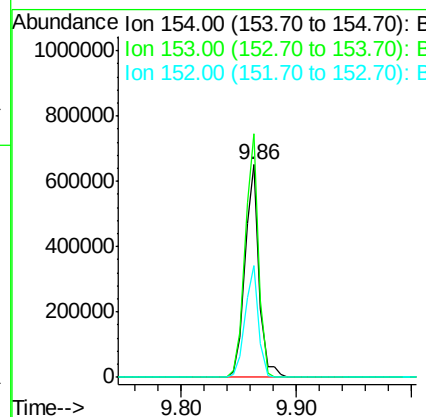
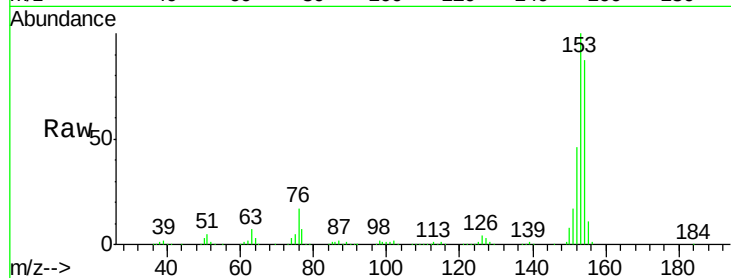
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	154	Resp:	548198
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.2	136.8
152	52.7	43.8	65.8

Manual Integrations
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5/9/2018 6:50:55 PM



#52

3-Nitroaniline

Concen: 22.981 ng

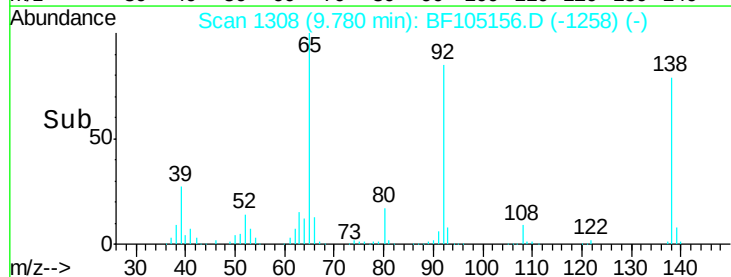
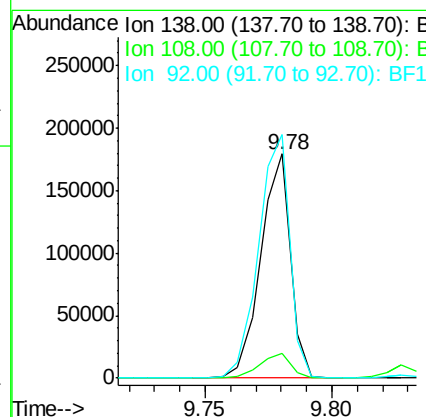
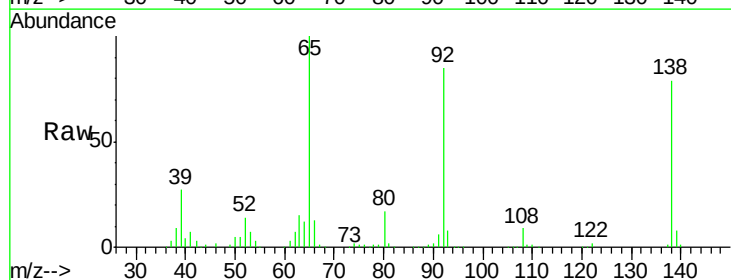
RT: 9.78 min Scan# 1308

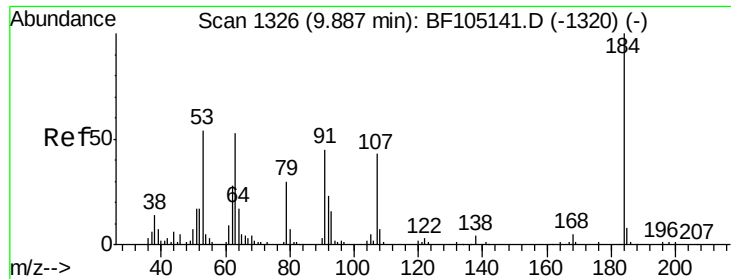
Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion:	138	Resp:	147099
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.4	14.0
92	108.6	89.4	134.2





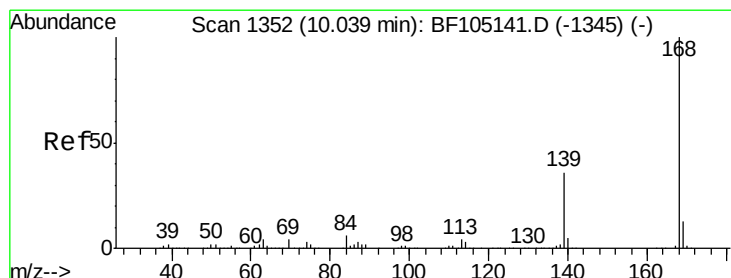
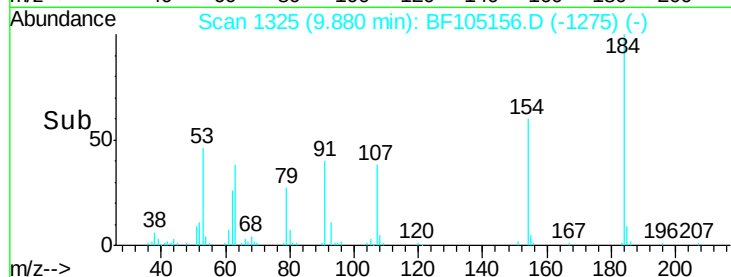
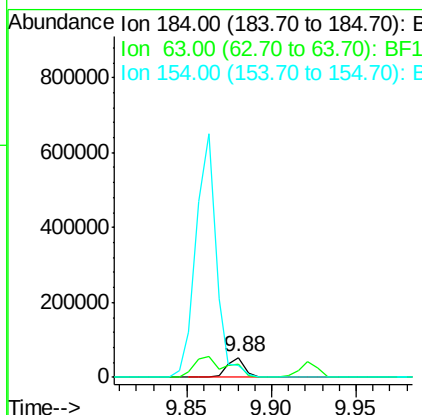
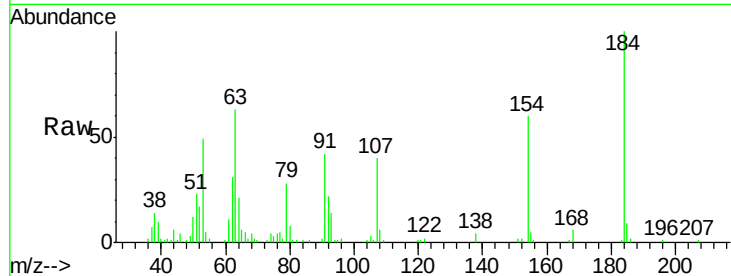
#53
 2,4-Dinitrophenol
 Concen: 29.625 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.0	54.2	81.2
154	59.9	184.0	276.0#

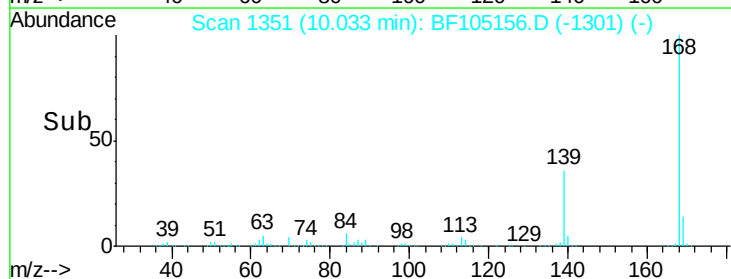
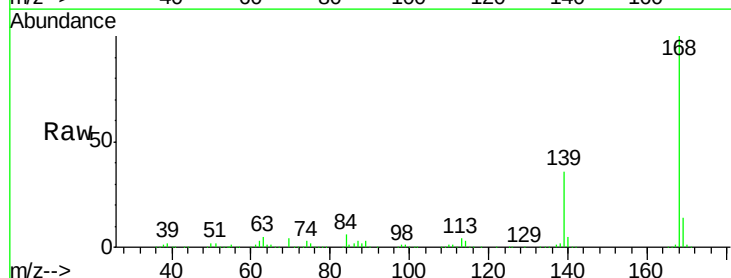
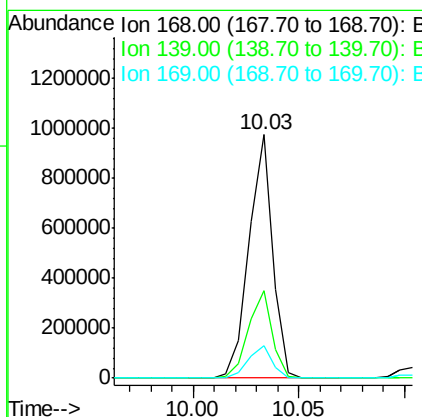
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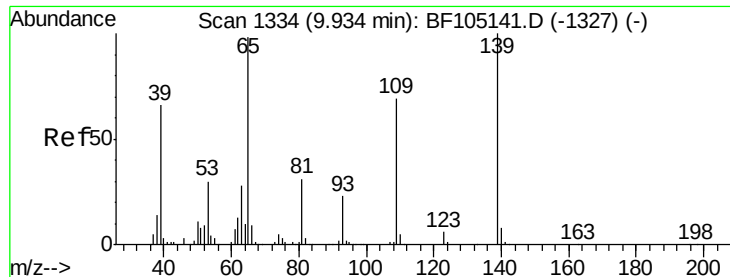
Sohil
 5/9/2018 6:50:55 PM



#54
 Dibenzofuran
 Concen: 20.703 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.1	45.1
169	13.5	10.9	16.3





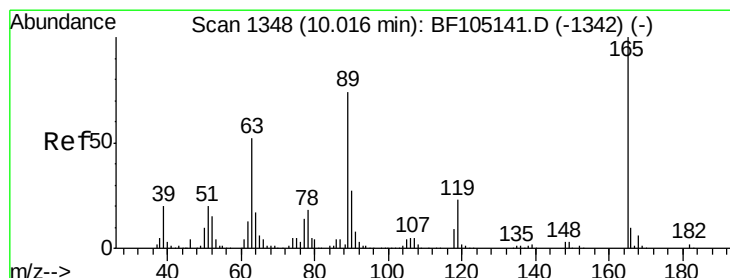
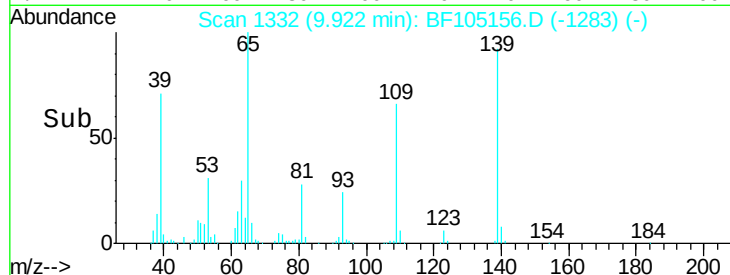
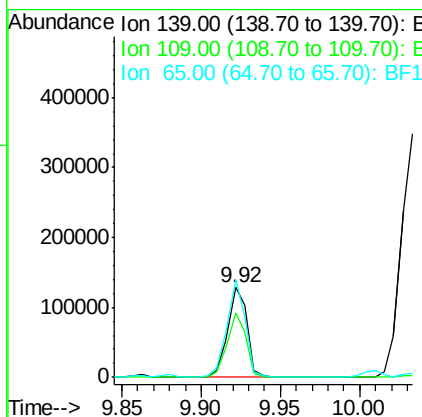
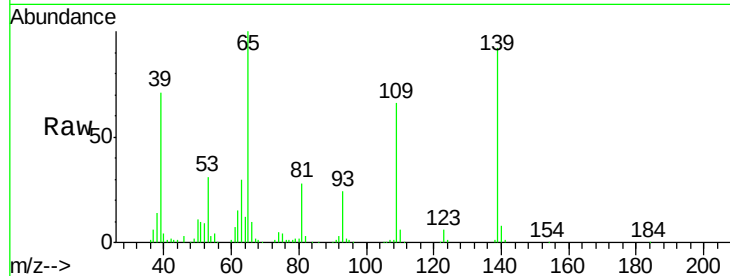
#55
4-Nitrophenol
Concen: 22.233 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
139	100	109170		
109	71.6	48.4	88.4	
65	109.0	72.6	112.6	

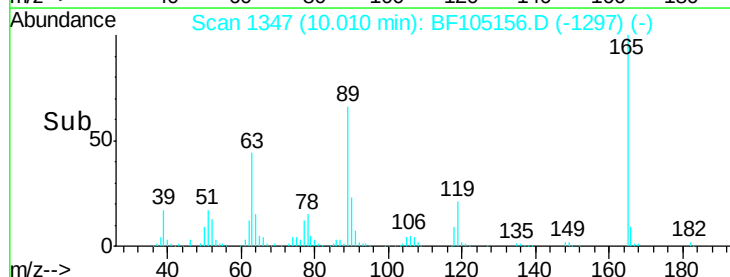
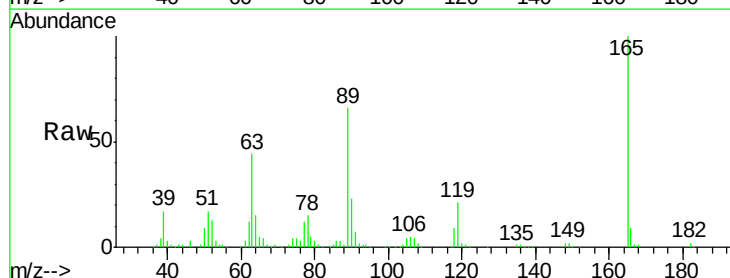
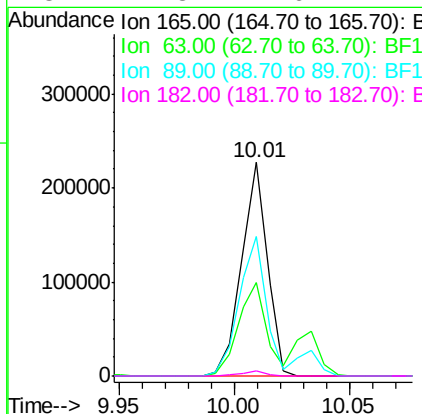
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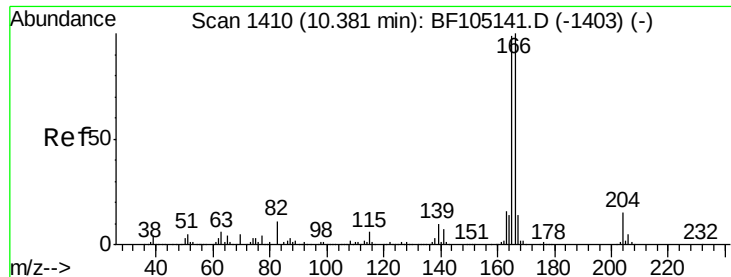
Sohil
5/9/2018 6:50:55 PM



#56
2,4-Dinitrotoluene
Concen: 23.959 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	177789		
63	43.8	36.4	54.6	
89	65.6	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 21.517 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:166 Resp: 578789

Ion Ratio Lower Upper

166 100

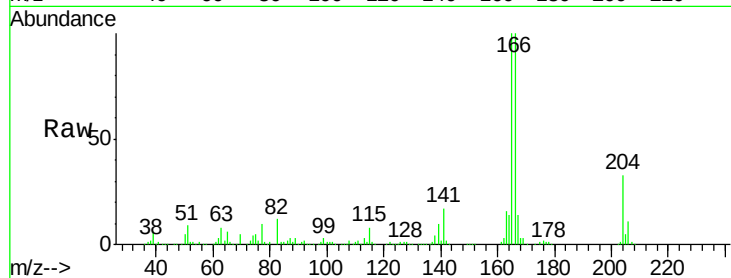
165 100.4 79.8 119.8

167 13.7 10.6 16.0

Manual Integrations
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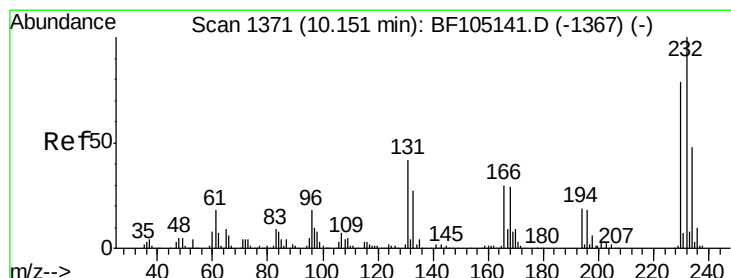
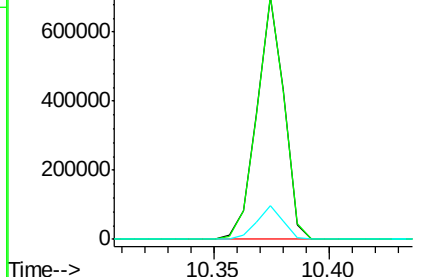
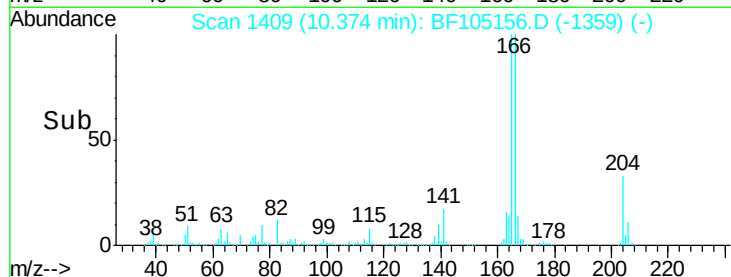


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.37



#58

2,3,4,6-Tetrachlorophenol

Concen: 19.783 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion:232 Resp: 148199

Ion Ratio Lower Upper

232 100

131 43.8 43.8 65.8#

130 2.4 2.1 3.1

166 29.9 27.8 41.6

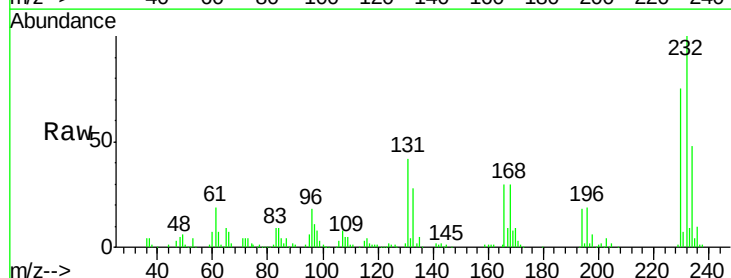
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

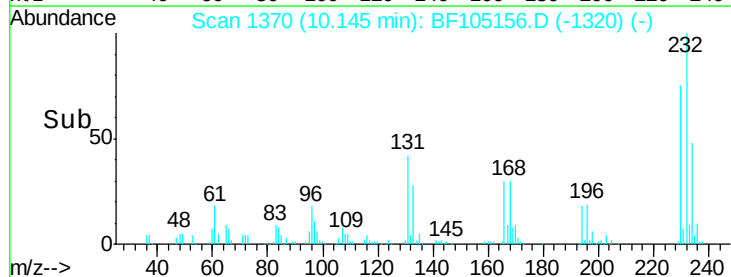
Ion 166.00 (165.70 to 166.70): E

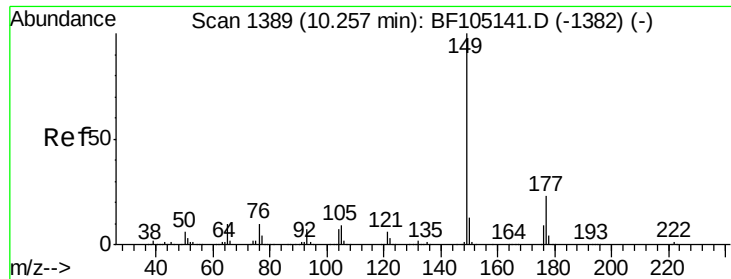
10.15



Abundance

Time-->





#59

Diethylphthalate

Concen: 23.110 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

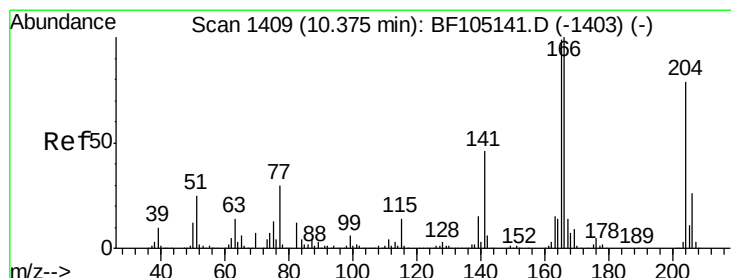
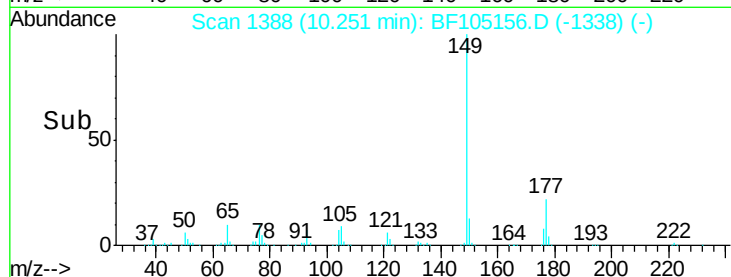
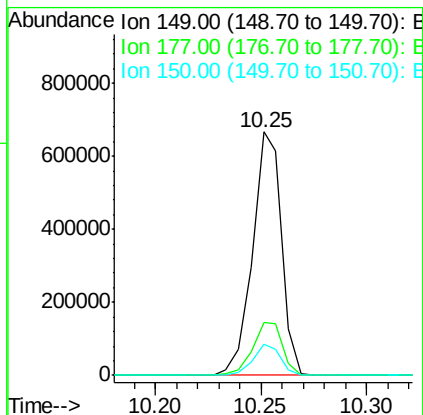
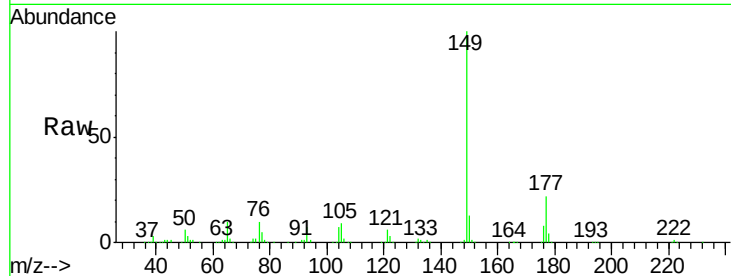
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	149	Resp:	636056
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.1	24.1
150	12.6	10.1	15.1

Manual Integrations
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5/9/2018 6:50:55 PM



#60

4-Chlorophenyl-phenylether

Concen: 22.306 ng

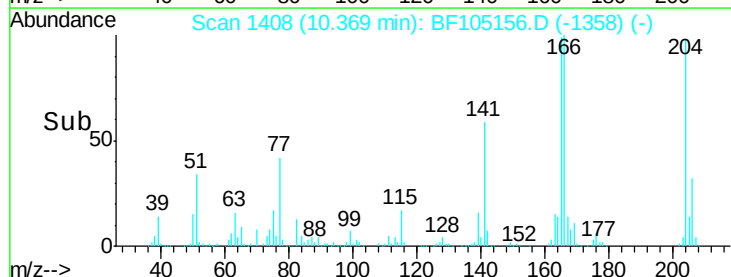
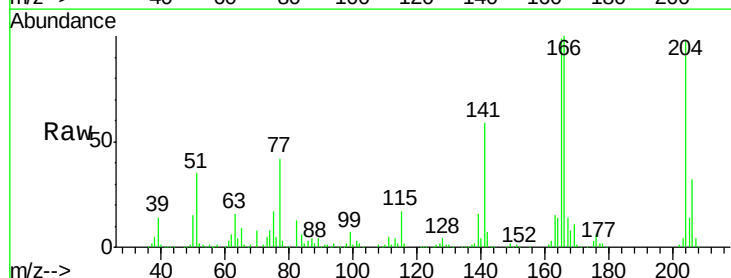
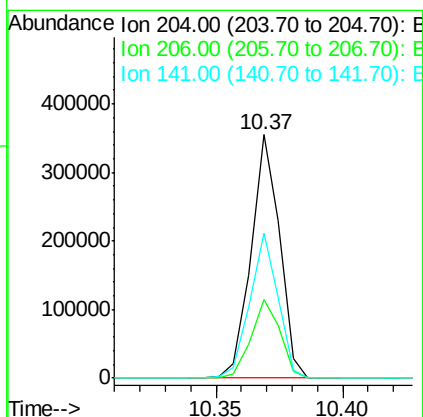
RT: 10.37 min Scan# 1408

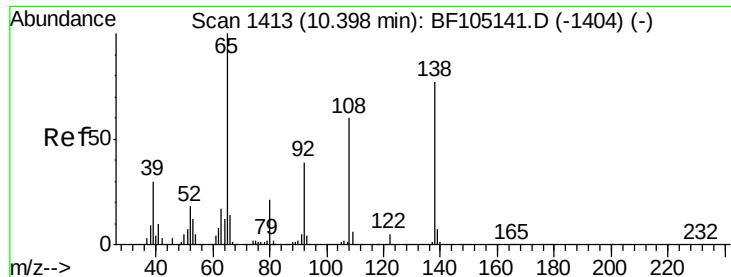
Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion:	204	Resp:	279314
Ion Ratio	Lower	Upper	
204	100		
206	32.1	26.5	39.7
141	59.8	54.6	81.8





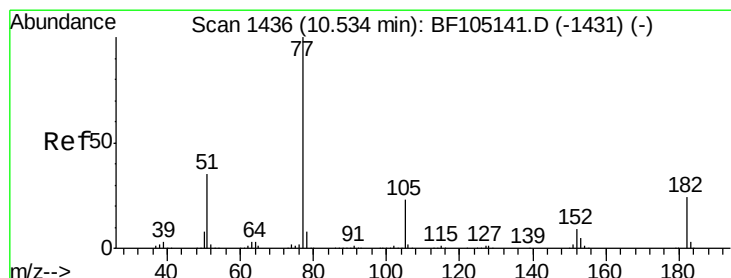
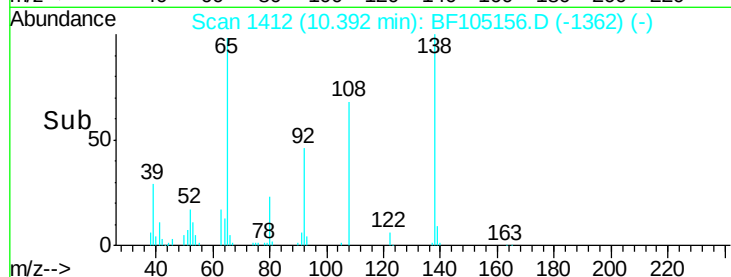
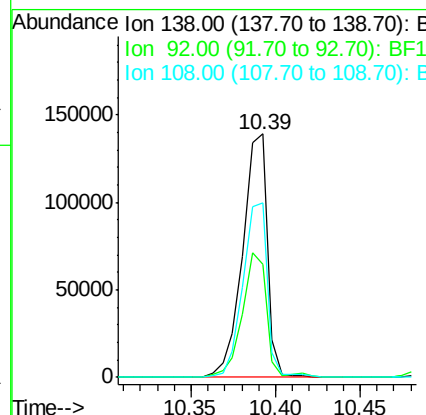
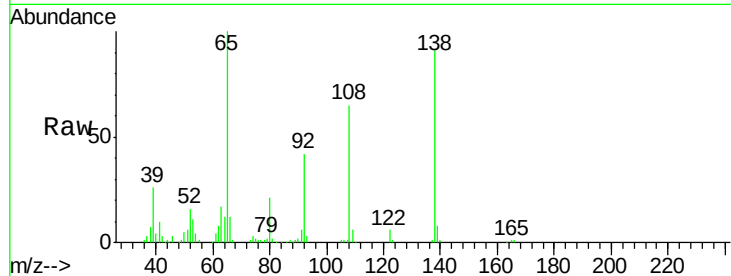
#61
4-Nitroaniline
Concen: 22.404 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.4	30.2	70.2
108	71.9	52.5	92.5

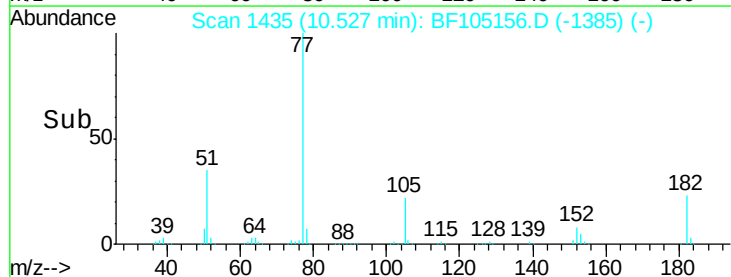
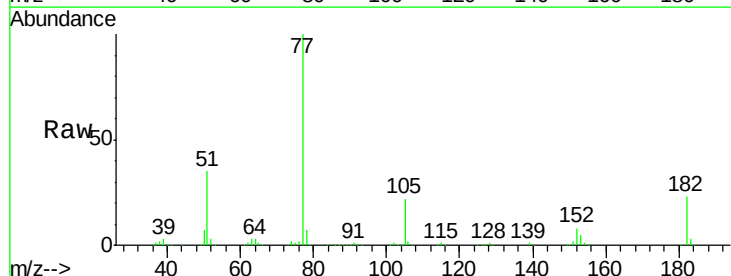
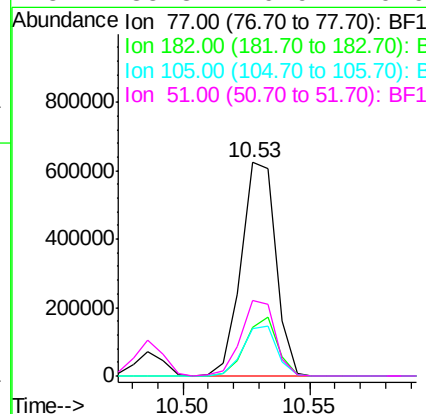
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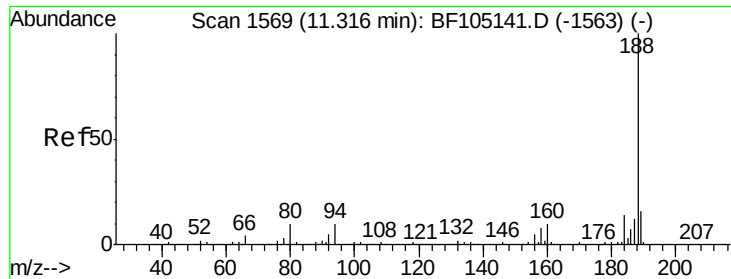
Sohil
5/9/2018 6:50:55 PM



#62
Azobenzene
Concen: 20.679 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	1.7	41.7
105	22.5	3.0	43.0
51	35.3	9.9	49.9





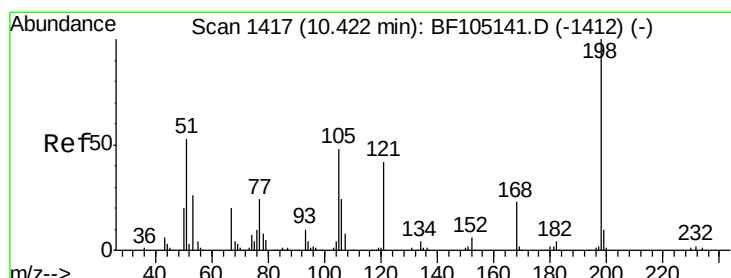
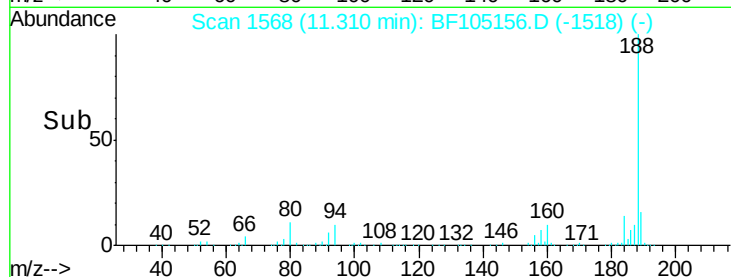
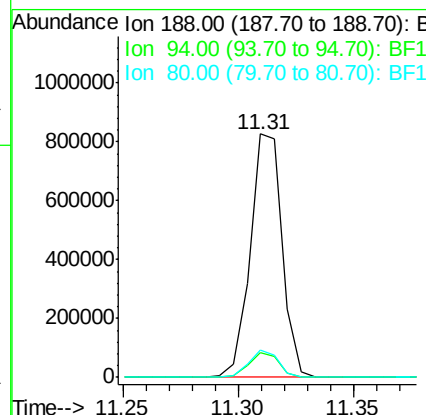
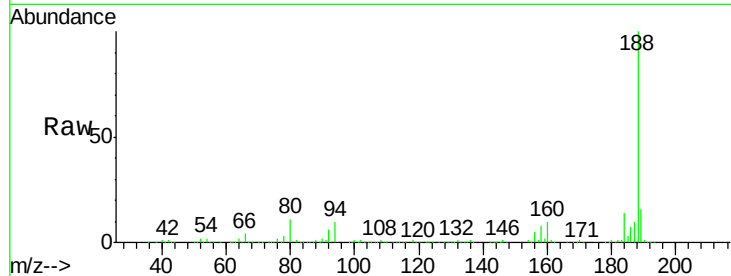
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
188	100	797199		
94	10.3		8.5	12.7
80	11.4		9.2	13.8

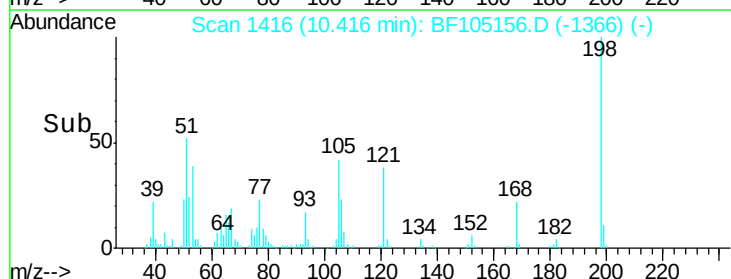
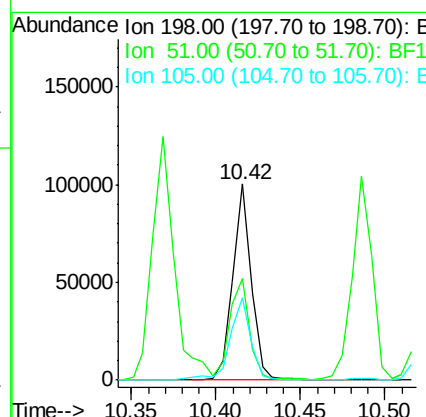
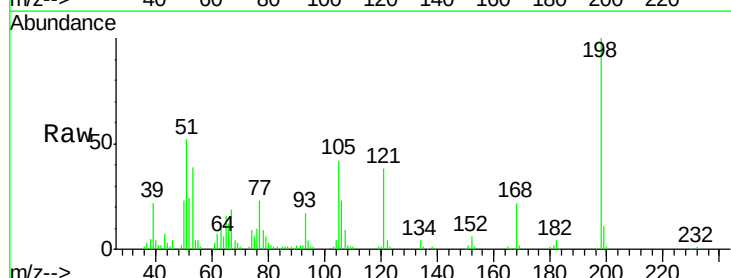
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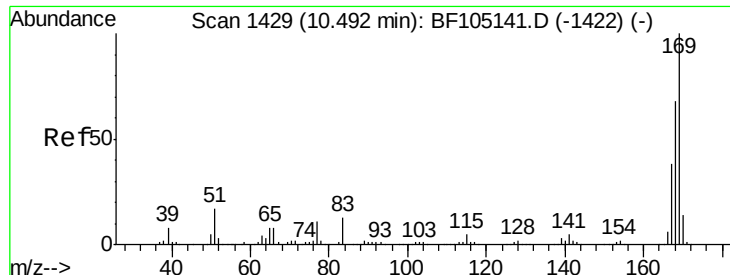
Sohil
5/9/2018 6:50:55 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 31.647 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	75979		
51	52.0		37.7	77.7
105	42.2		36.3	76.3





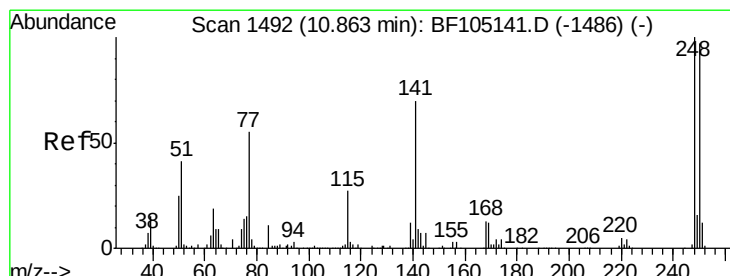
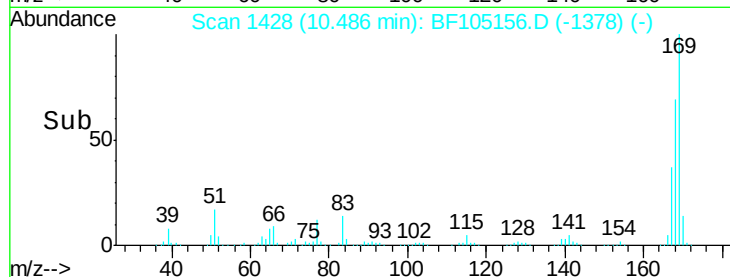
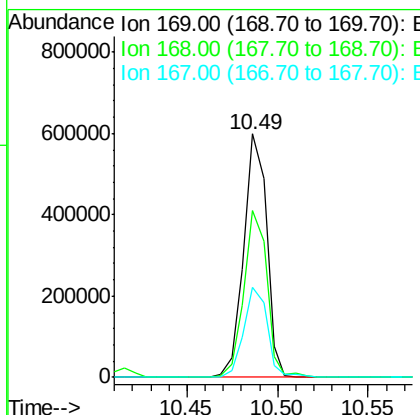
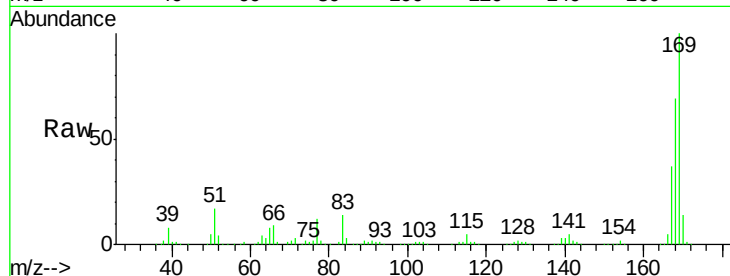
#65
 n-Nitrosodiphenylamine
 Concen: 21.198 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
169	100	526778		
168	68.7		54.4	81.6
167	36.7		29.8	44.6

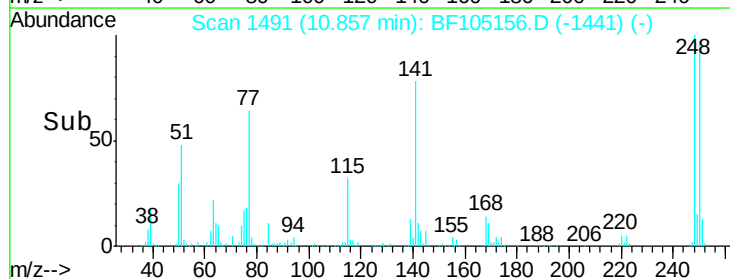
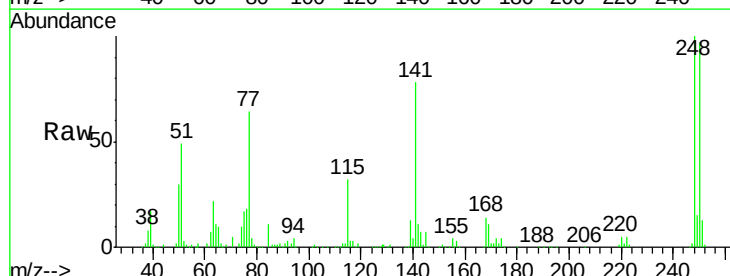
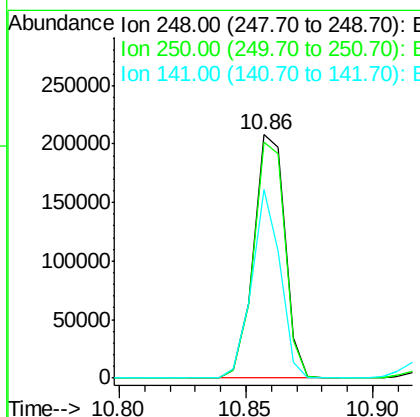
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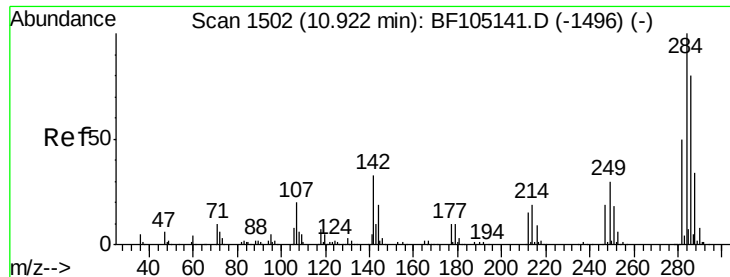
Sohil
 5/9/2018 6:50:55 PM



#66
 4-Bromophenyl-phenylether
 Concen: 21.213 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	180355		
250	97.1		76.9	115.3
141	77.5		74.4	111.6





#67

Hexachlorobenzene

Concen: 21.380 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

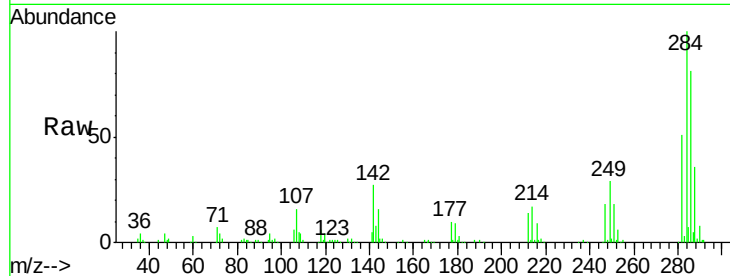
ClientSampleId :

LOQ-SOIL-02-QT2-2018

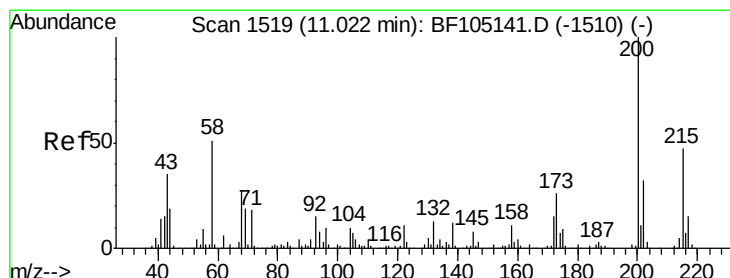
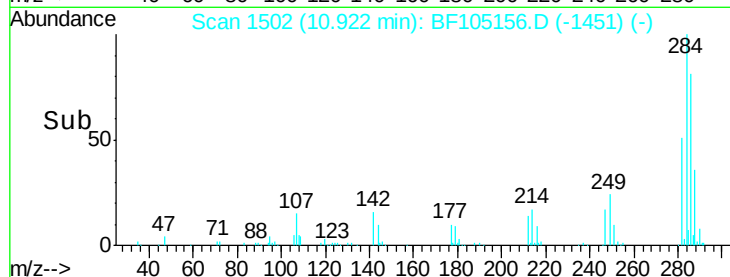
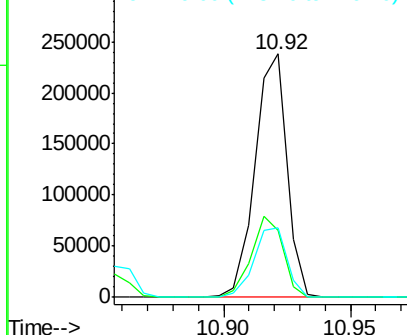
Tot Ion	Ratio	Resp	Lower	Upper
284	100	209449		
142	27.3		34.6	52.0#
249	28.6		24.8	37.2

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



#68

Atrazine

Concen: 13.420 ng

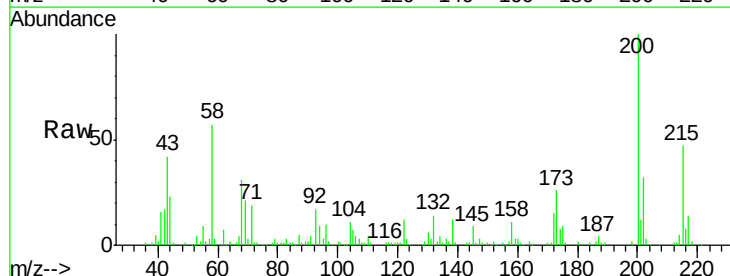
RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

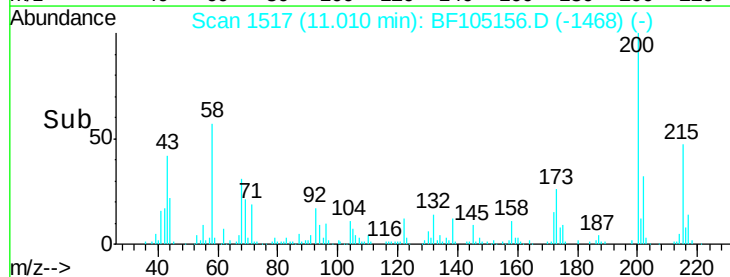
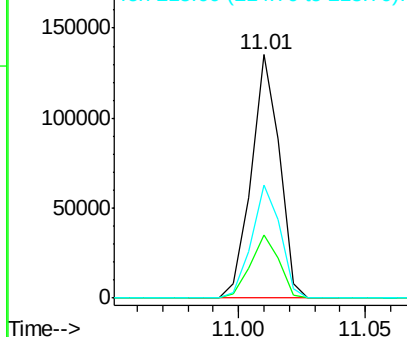
Lab File: BF105156.D

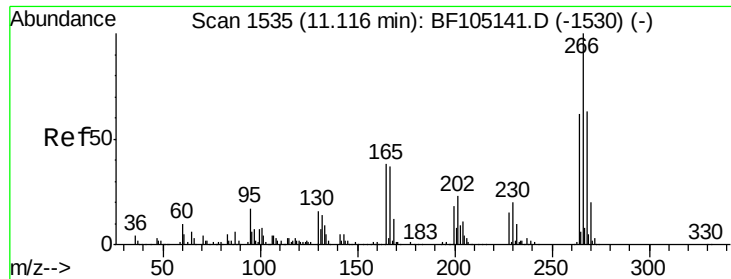
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	104522		
173	25.9		8.6	48.6
215	46.6		25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





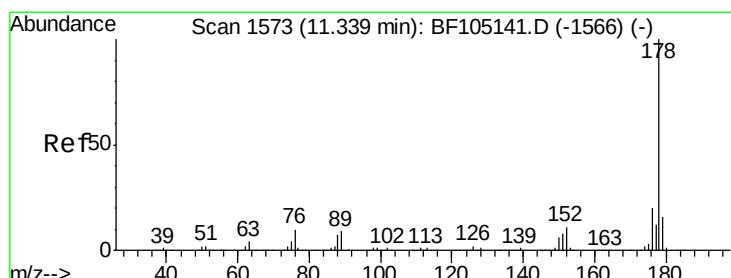
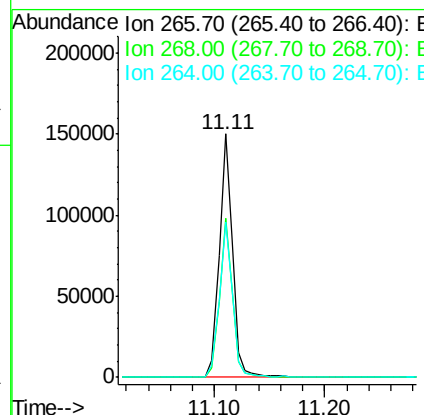
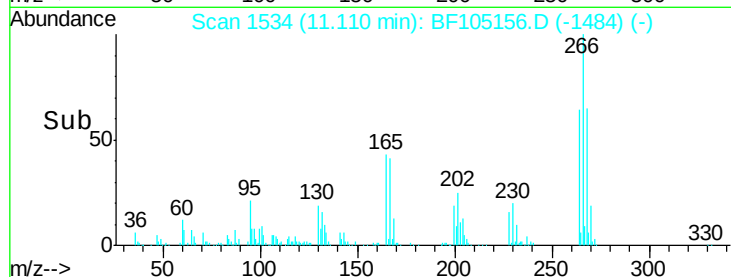
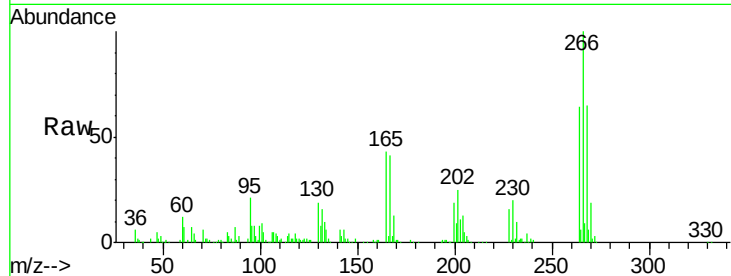
#69
 Pentachlorophenol
 Concen: 23.740 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
266	100	123633		
268	65.3	51.1	76.7	
264	63.6	49.5	74.3	

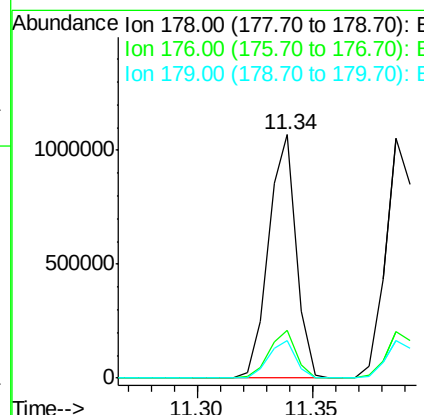
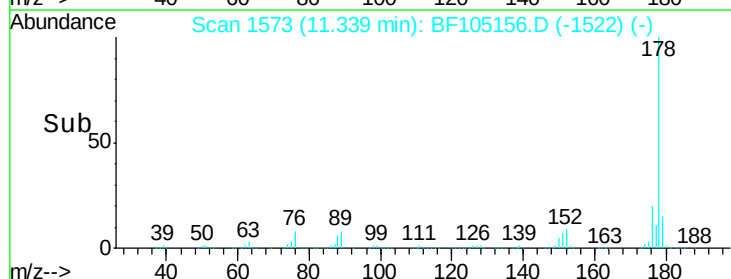
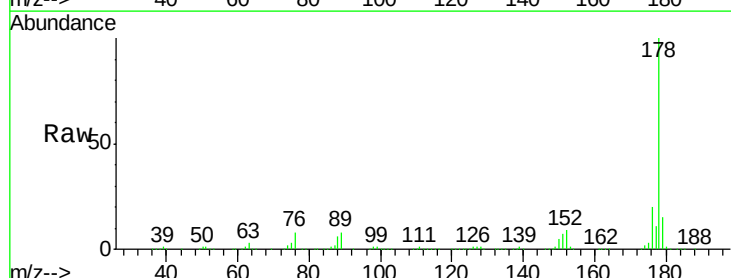
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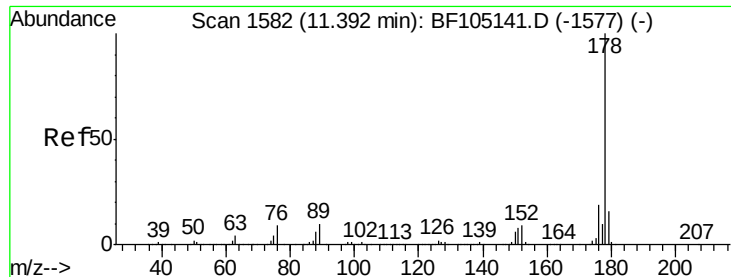
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#70
 Phenanthrene
 Concen: 21.086 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	886225		
176	19.9	15.8	23.8	
179	15.4	13.0	19.6	





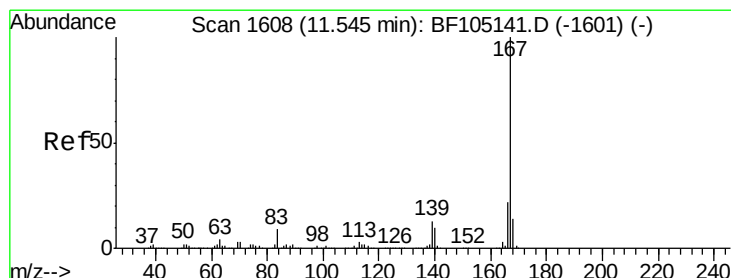
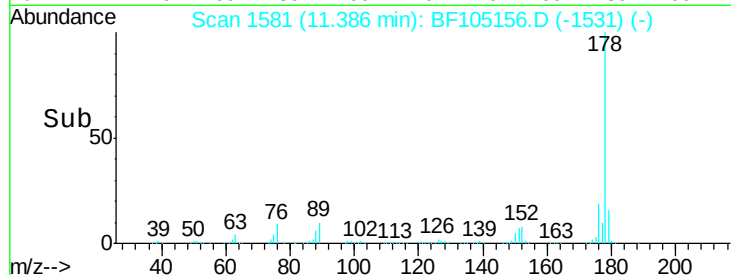
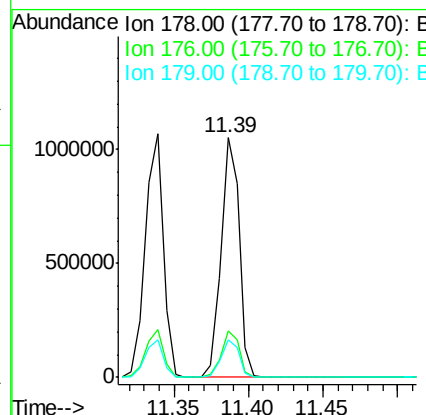
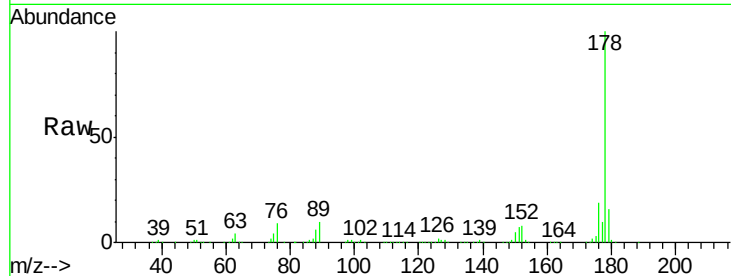
#71
 Anthracene
 Concen: 21.010 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0

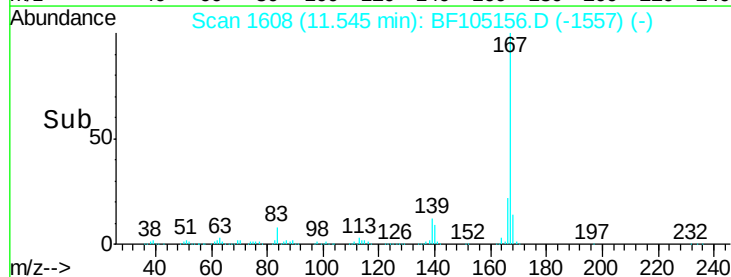
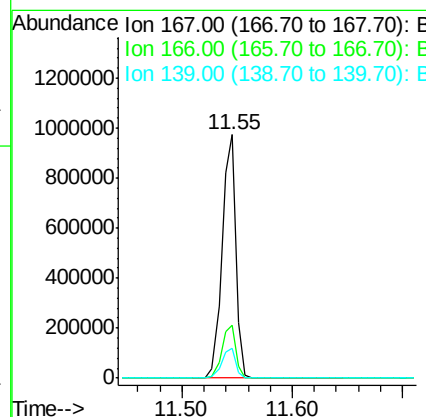
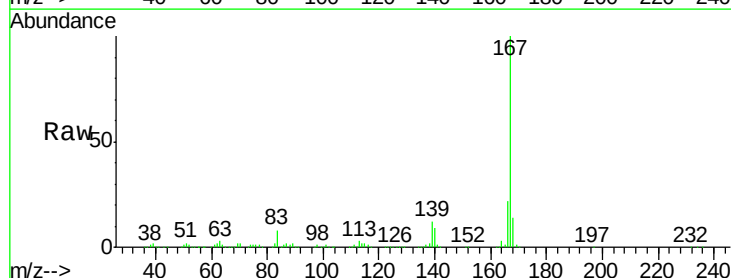
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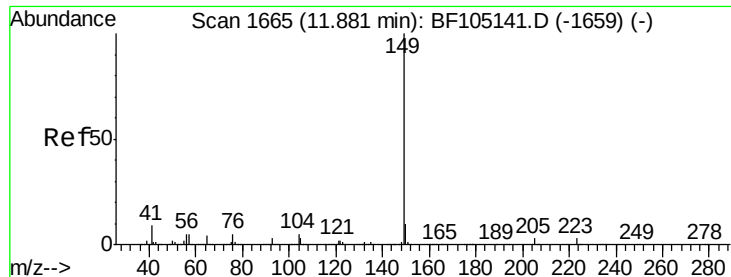
Sohil
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#72
 Carbazole
 Concen: 21.716 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 23.354 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

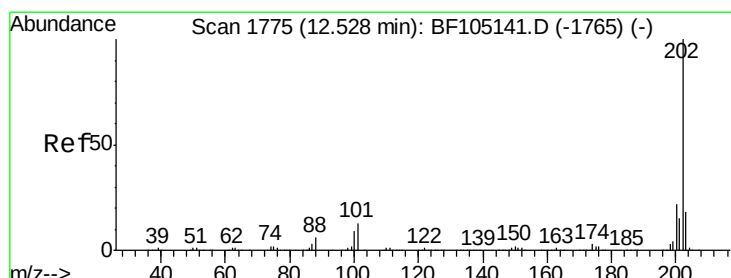
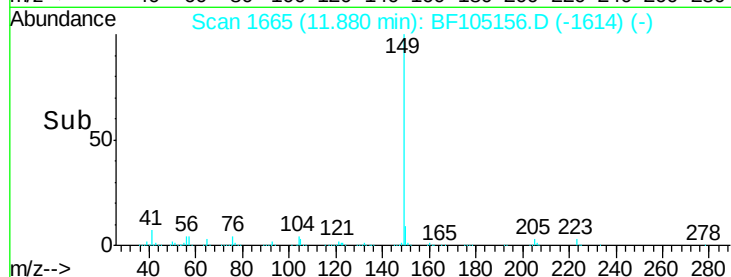
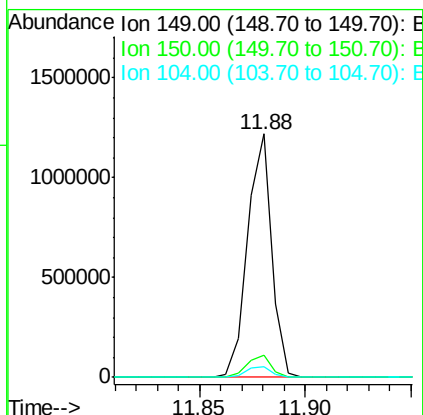
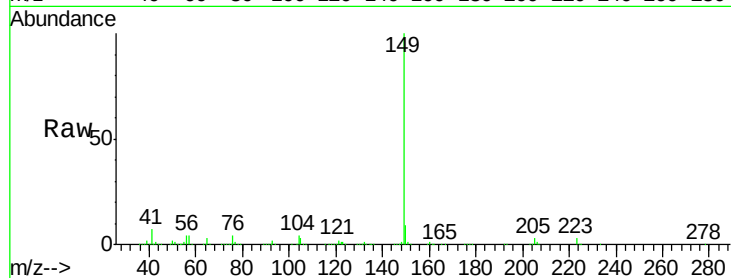
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	149	Resp:	961225
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 21.318 ng

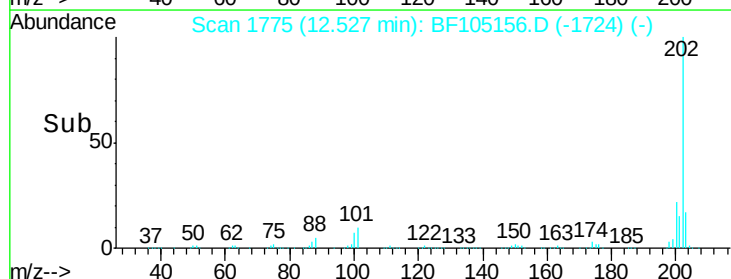
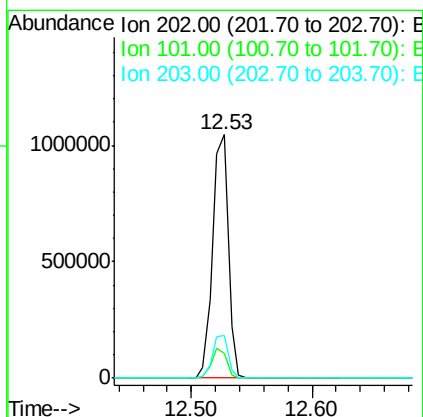
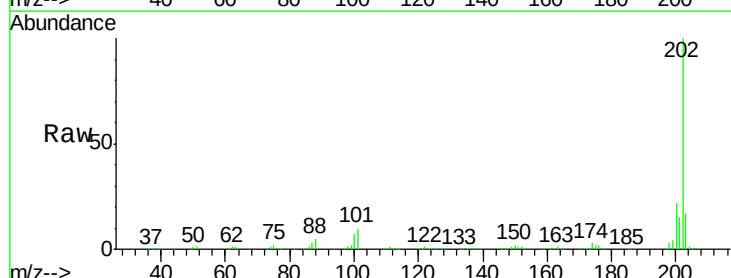
RT: 12.53 min Scan# 1775

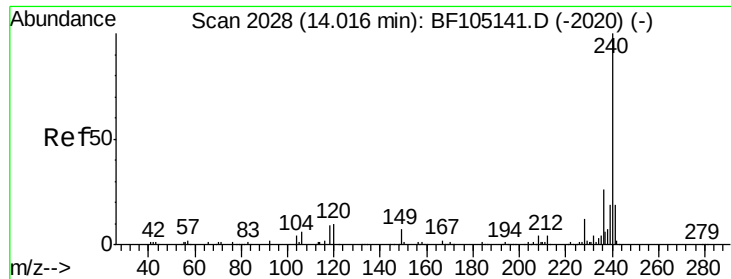
Delta R.T. -0.00 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion:	202	Resp:	933609
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

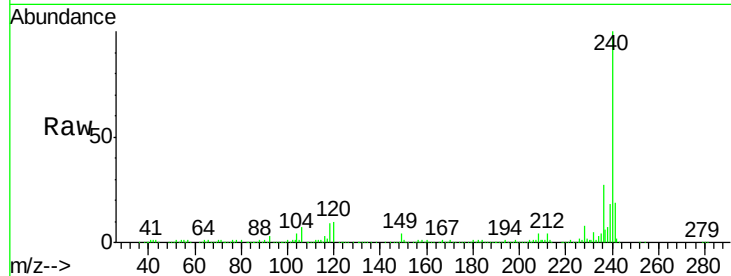
ClientSampleId :

LOQ-SOIL-02-QT2-2018

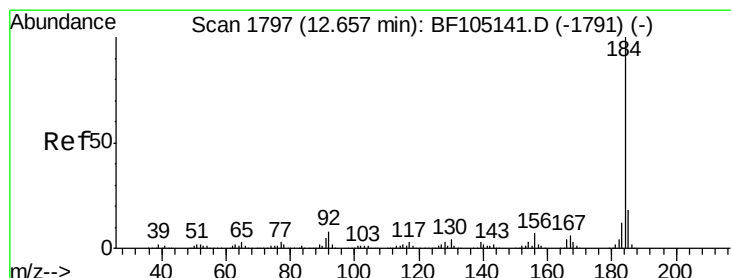
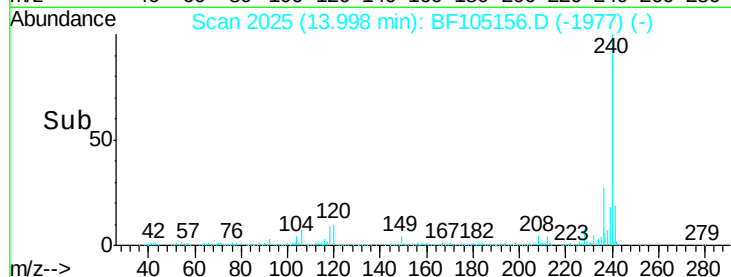
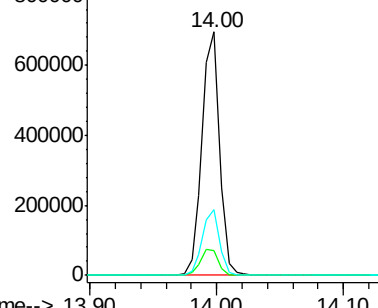
Tot Ion:	240	Resp:	666381
Ion Ratio		Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.8	20.7	31.1

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



#76

Benzidine

Concen: 11.087 ng m

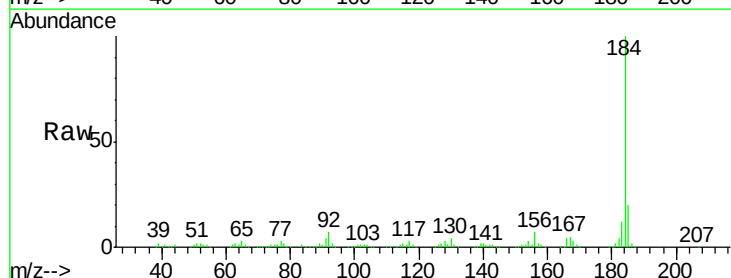
RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

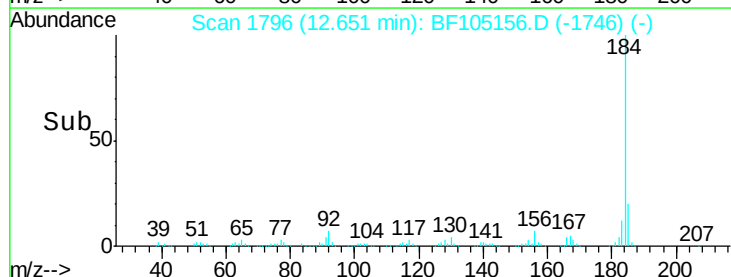
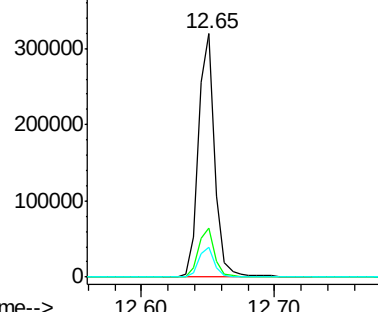
Lab File: BF105156.D

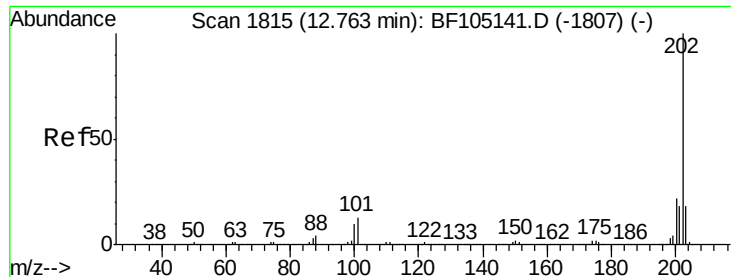
Acq: 8 May 2018 20:46

Tgt Ion:	184	Resp:	275891
Ion Ratio		Lower	Upper
184	100		
185	20.3	12.6	18.8#
183	12.2	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 20.170 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

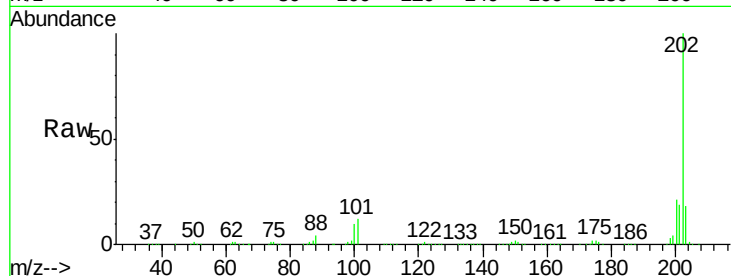
ClientSampleId :

LOQ-SOIL-02-QT2-2018

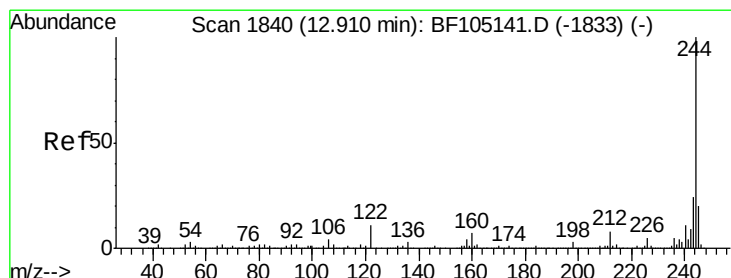
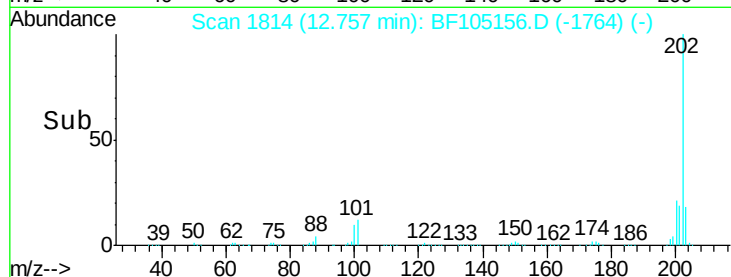
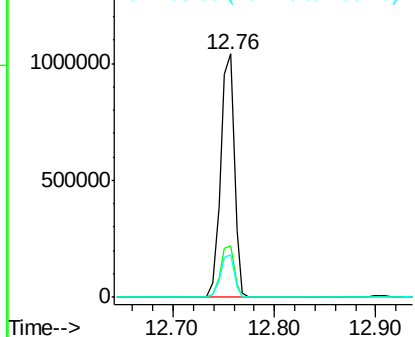
Tot Ion:	202	Resp:	977620
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.4	26.2
203	17.6	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.919 ng

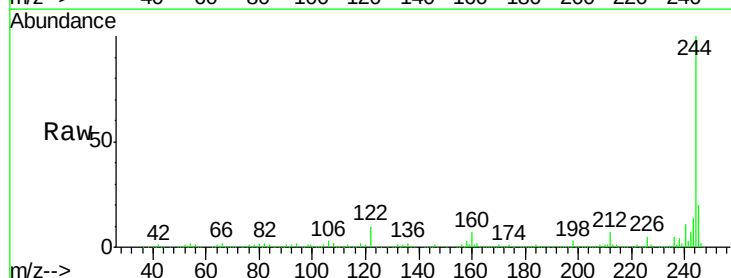
RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

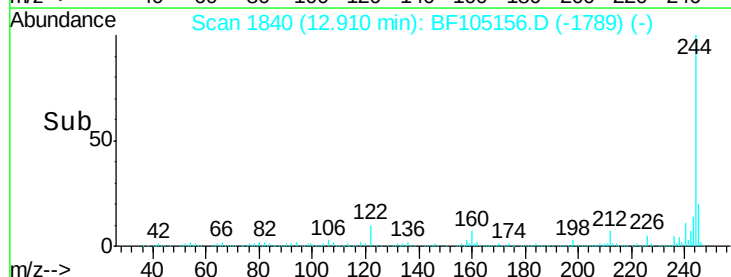
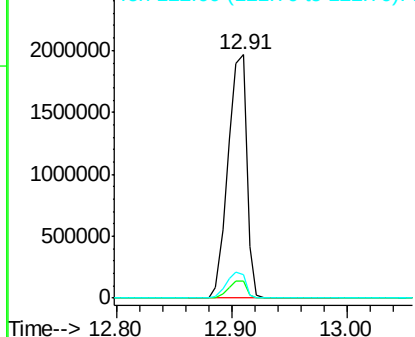
Lab File: BF105156.D

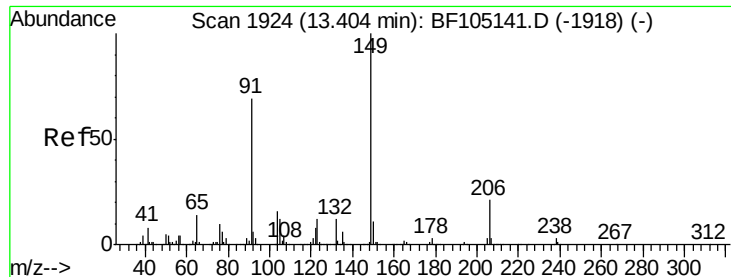
Acq: 8 May 2018 20:46

Tgt Ion:	244	Resp:	2206650
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	9.6	11.0	16.4#



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





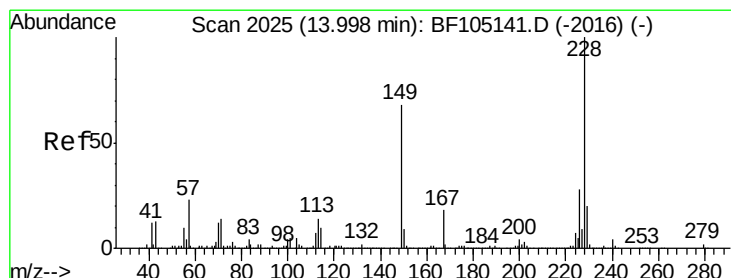
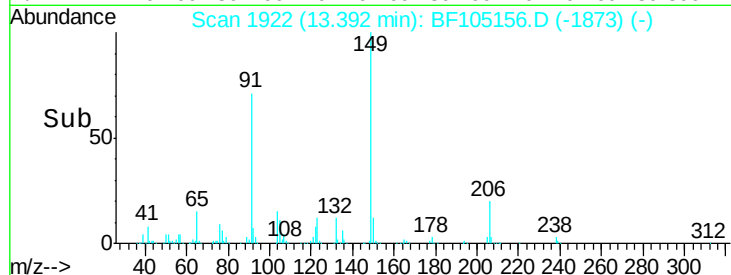
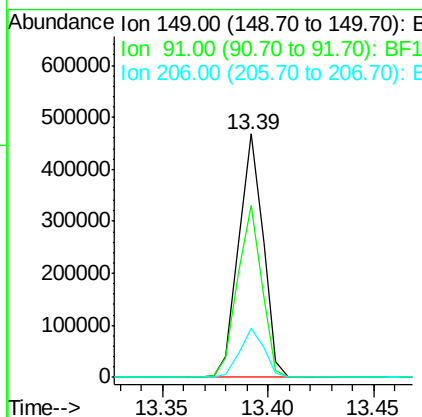
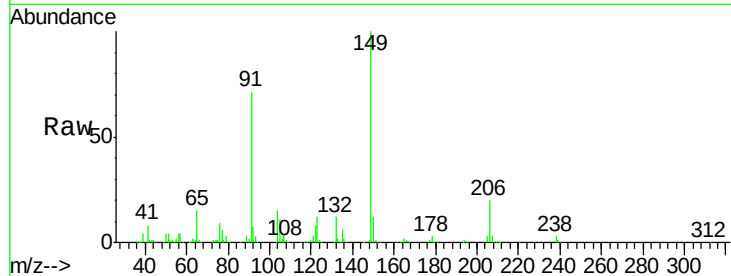
#79
Butylbenzylphthalate
Concen: 25.174 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100	373846		
91	70.8	56.8	85.2	
206	20.1	14.1	21.1	

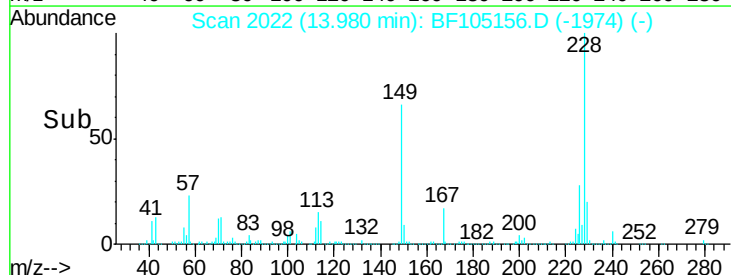
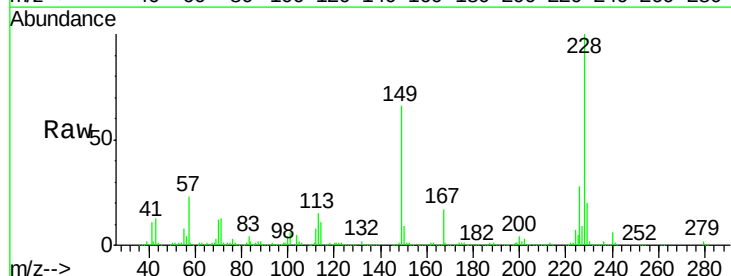
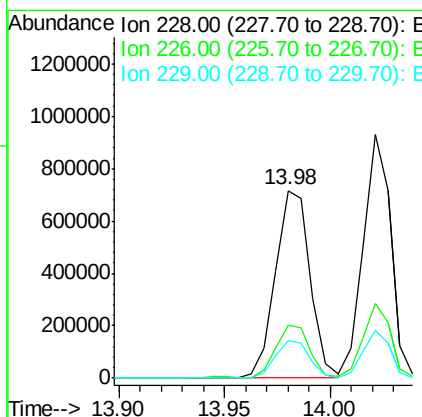
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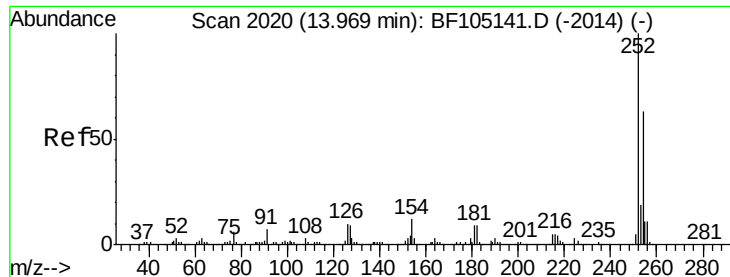
Sohil
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#80
Benzo(a)anthracene
Concen: 20.260 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	818811		
226	28.0	22.6	33.8	
229	20.3	15.8	23.6	





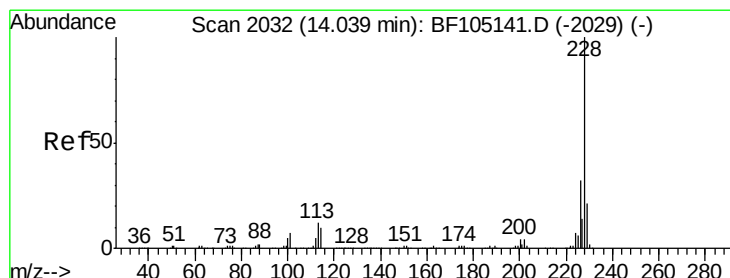
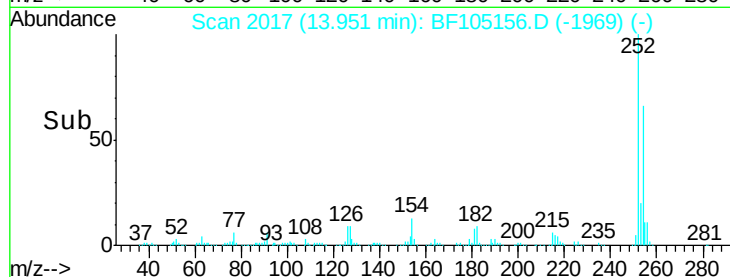
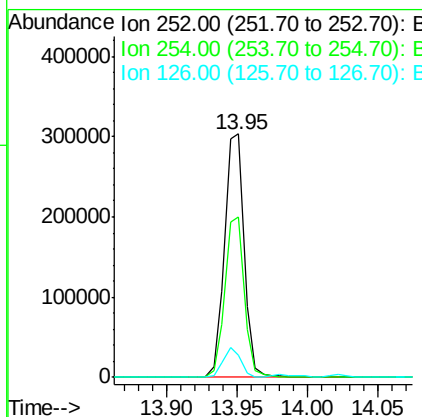
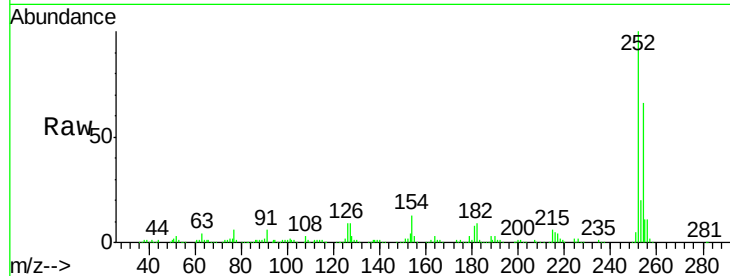
#81
 3,3'-Dichlorobenzidine
 Concen: 19.385 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.0	50.4	75.6
126	9.3	11.3	16.9

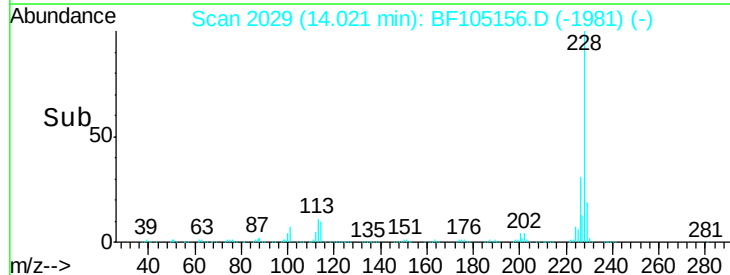
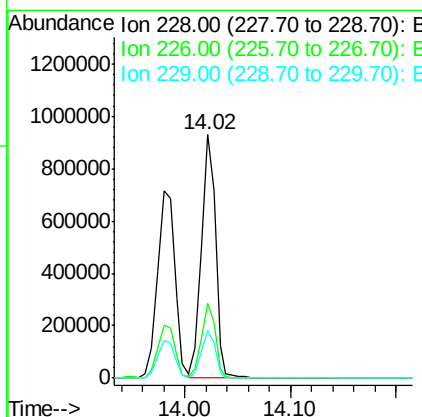
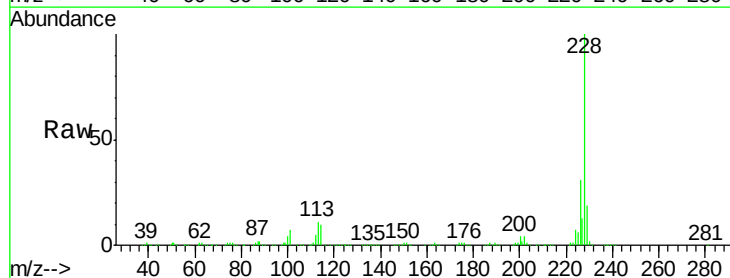
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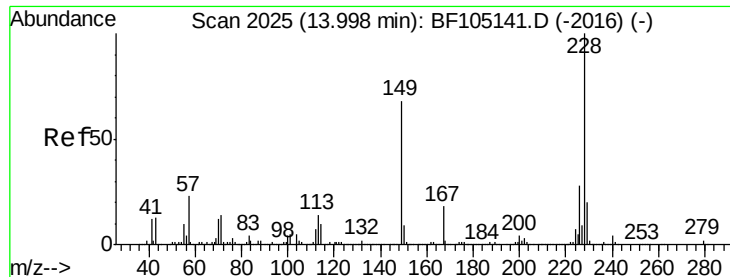
Sohil
 5/9/2018 6:50:55 PM



#82
 Chrysene
 Concen: 20.569 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF105156.D
 Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.5	16.2	24.4





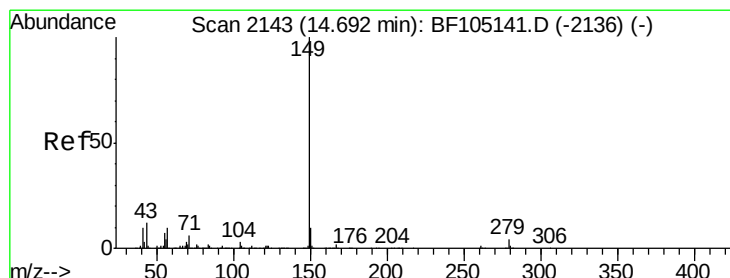
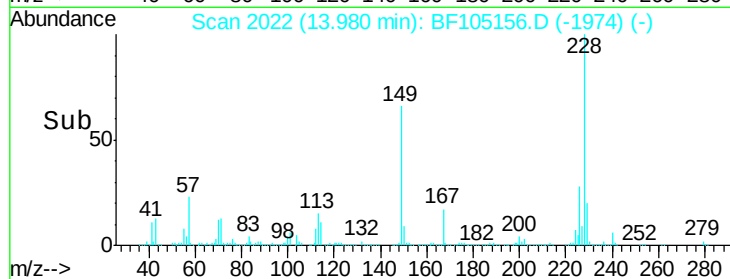
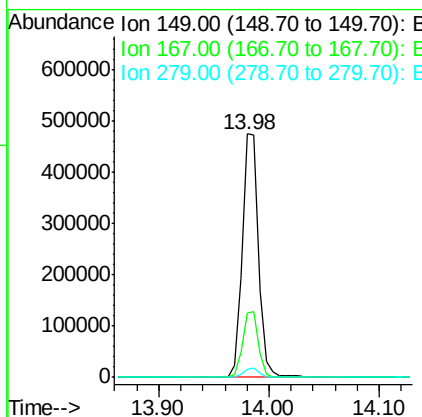
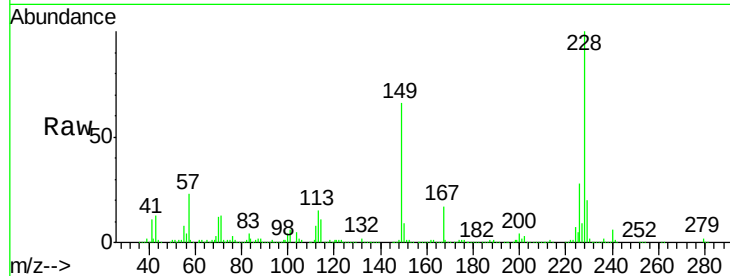
#83
Bis(2-ethylhexyl)phthalate
Concen: 24.581 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.3	3.0	4.4

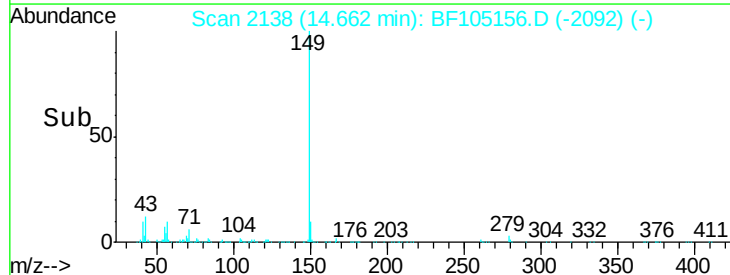
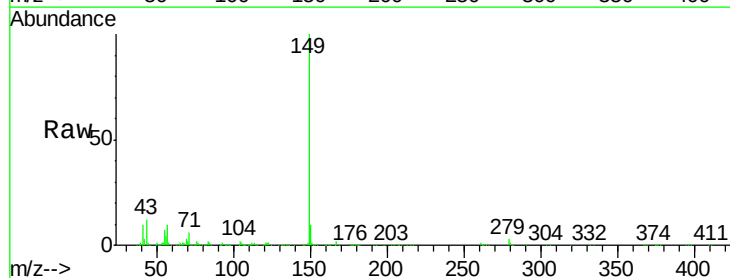
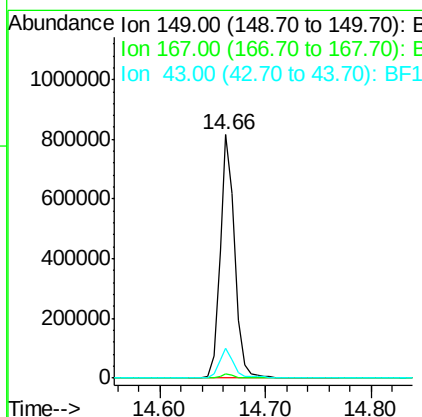
Manual Integrations
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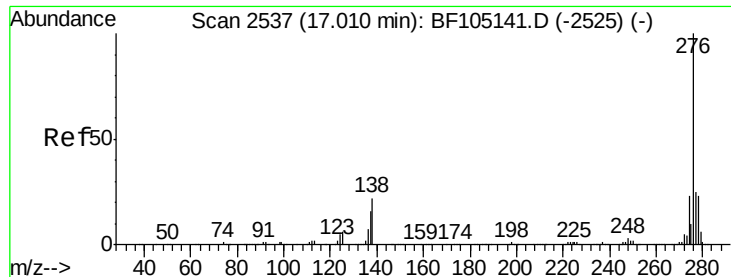
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5/9/2018 6:50:55 PM



#84
Di-n-octyl phthalate
Concen: 24.279 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.03 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.8	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 20.483 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.04 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:276 Resp: 675573

Ion Ratio Lower Upper

276 100

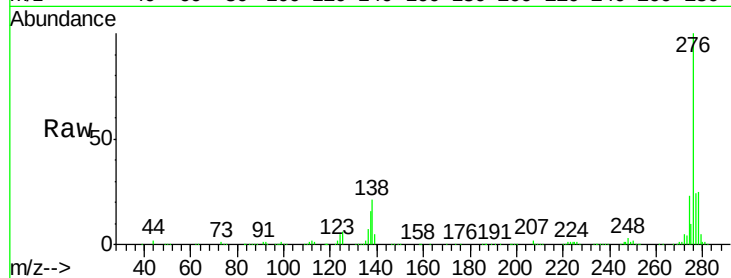
138 25.1 25.0 37.6

277 24.9 20.1 30.1

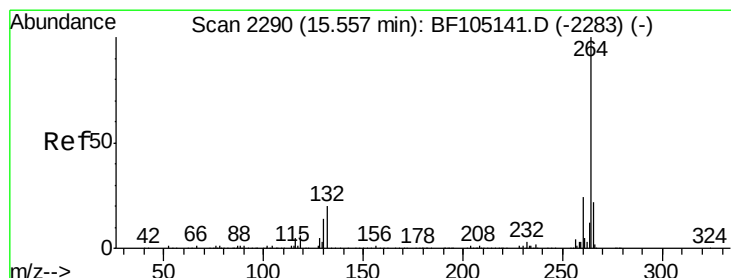
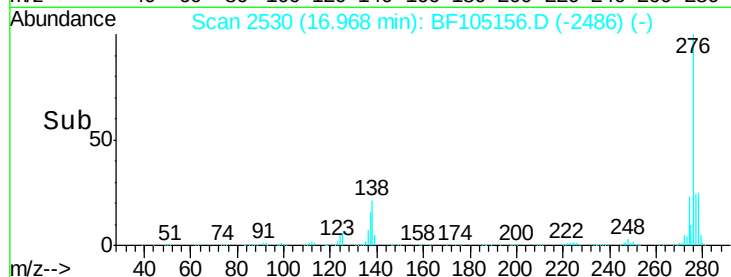
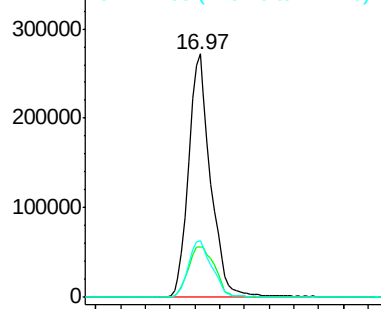
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.03 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

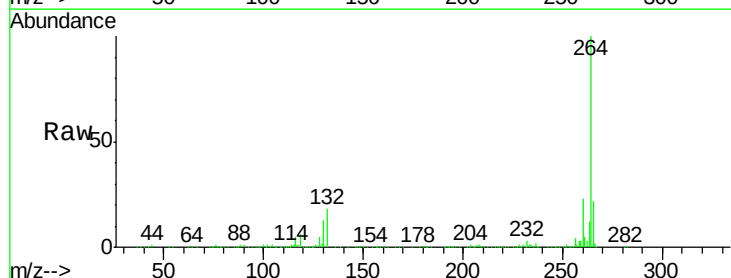
Tgt Ion:264 Resp: 633676

Ion Ratio Lower Upper

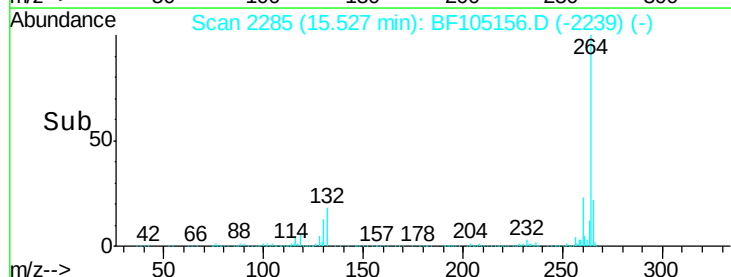
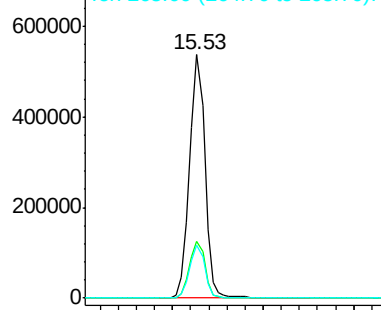
264 100

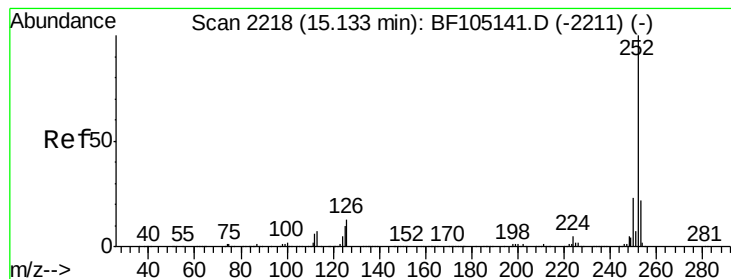
260 23.1 19.2 28.8

265 21.6 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 20.387 ng m

RT: 15.10 min Scan# 2213

Delta R.T. -0.03 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

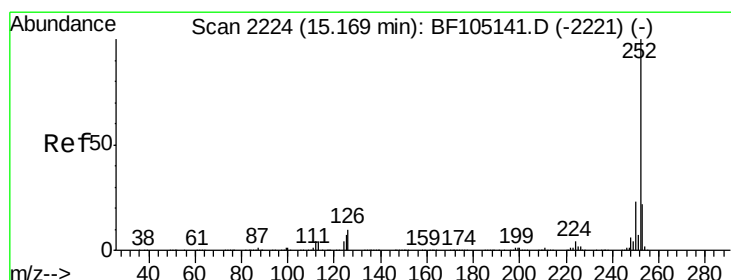
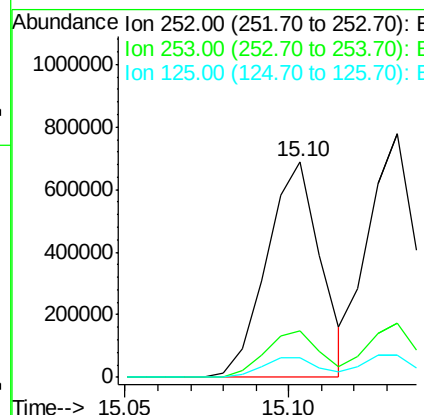
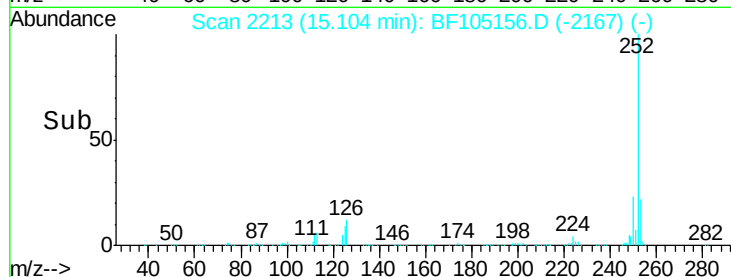
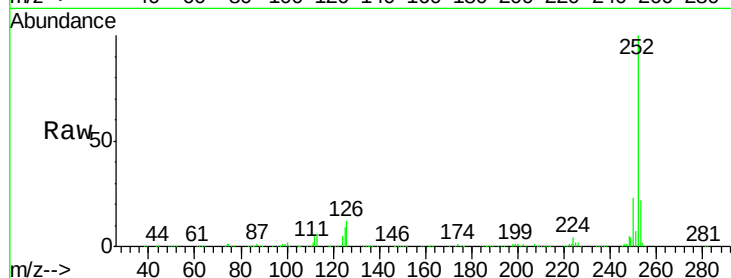
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	9.0	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 21.249 ng

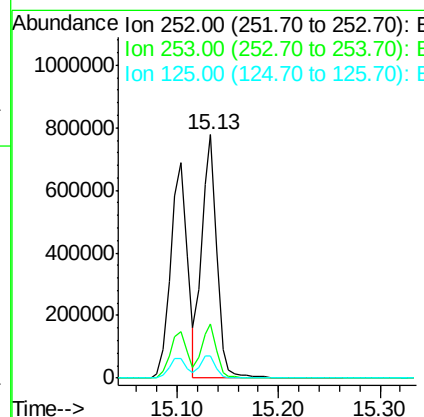
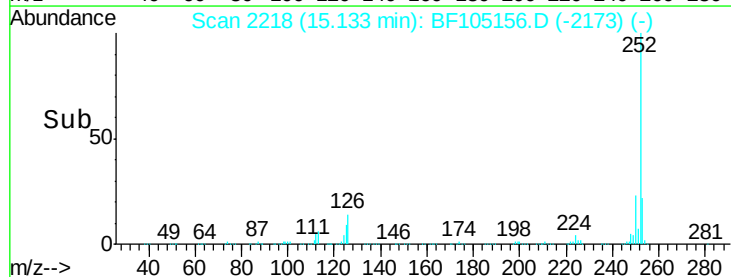
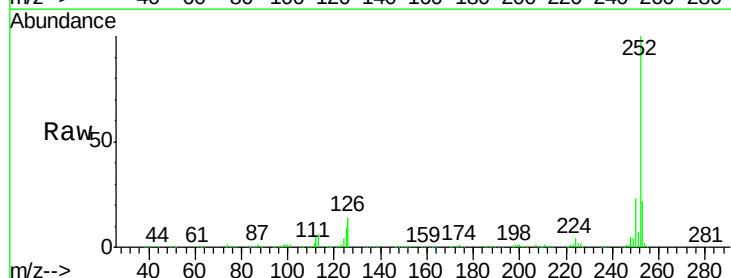
RT: 15.13 min Scan# 2218

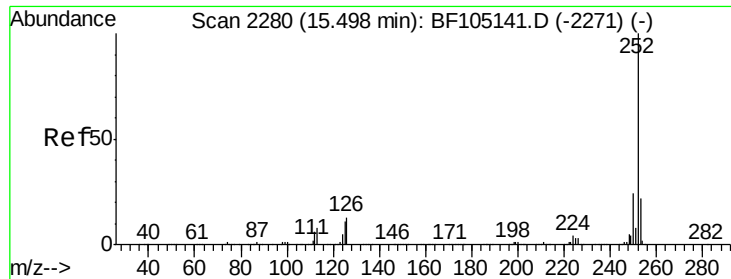
Delta R.T. -0.04 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.2	10.2	15.2





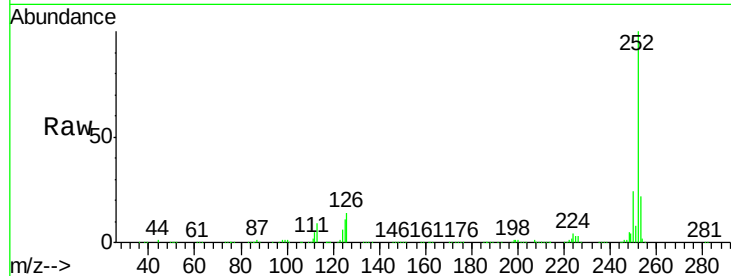
#89
Benzo(a)pyrene
Concen: 20.084 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.04 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2018

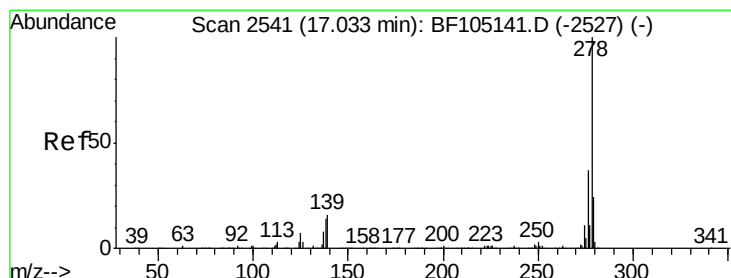
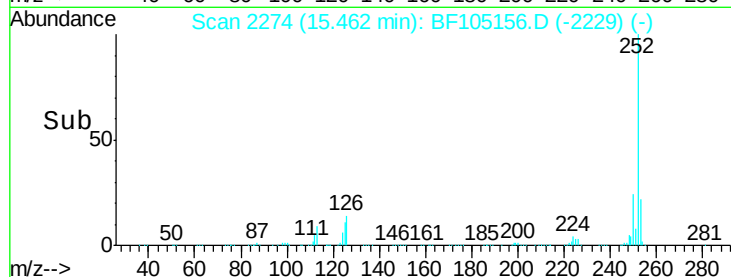
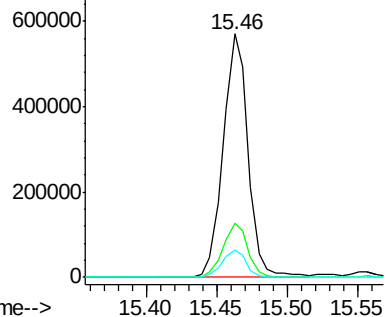
Tot Ion:	252	Resp:	708149
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	11.3	9.8	14.6

Manual Integrations
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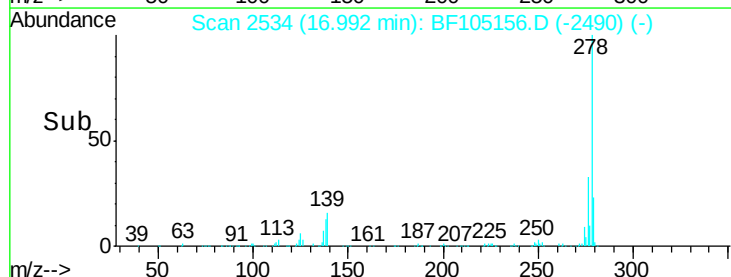
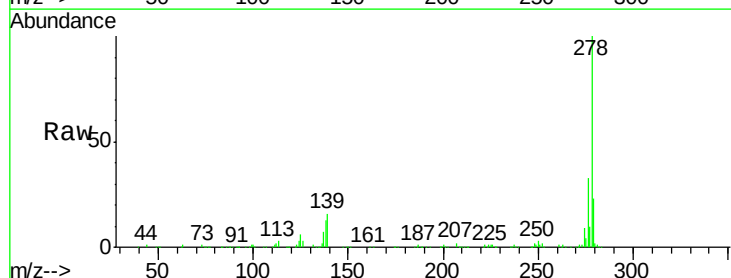
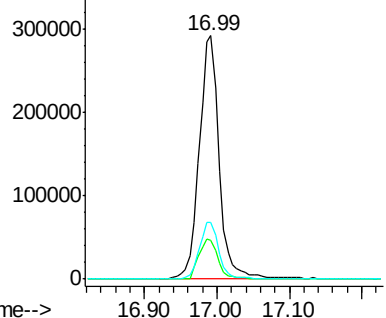
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

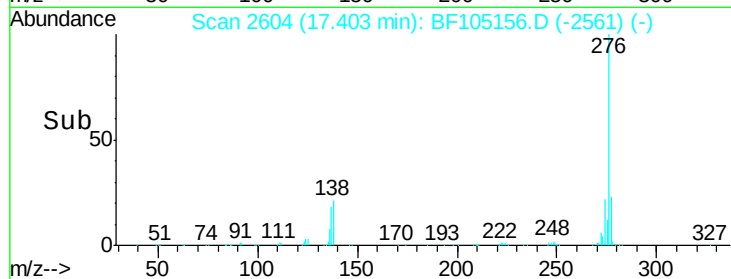
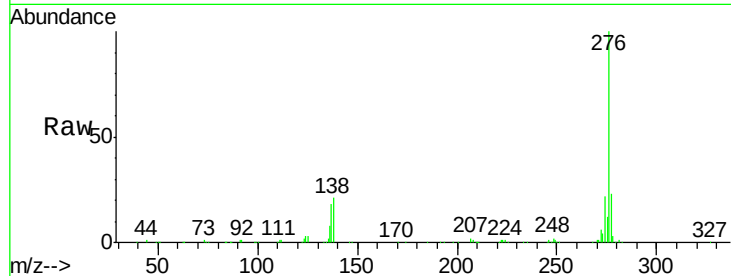
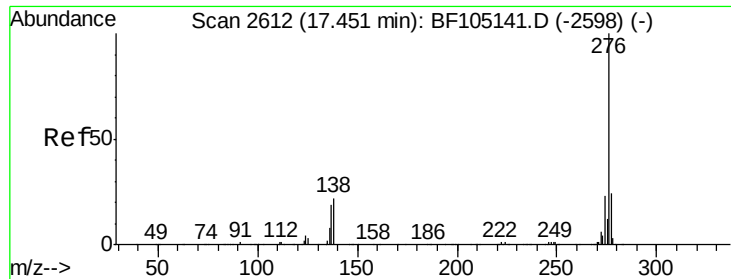


#90
Dibenzo(a,h)anthracene
Concen: 20.339 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.04 min
Lab File: BF105156.D
Acq: 8 May 2018 20:46

Tgt Ion:	278	Resp:	556982
Ion Ratio	Lower	Upper	
278	100		
139	16.1	15.9	23.9
279	23.4	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 20.205 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.05 min

Lab File: BF105156.D

Acq: 8 May 2018 20:46

Instrument :

BNA_F

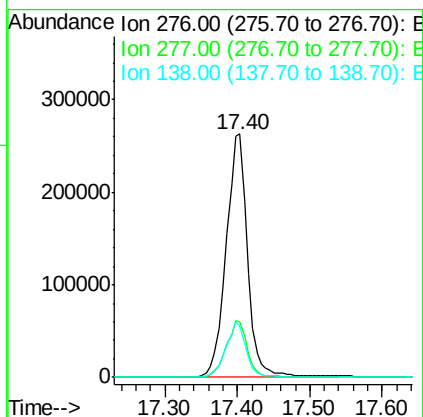
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	276	Resp:	541314
Ion Ratio	Lower	Upper	
276	100		
277	22.9	17.9	26.9
138	21.2	21.8	32.8#

Manual Integrations
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105156.D
 Acq On : 8 May 2018 20:46
 Operator : JU/SJ
 Sample : J2133-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Manual Integrations
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Quant Time: May 09 17:05:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	207748	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	839541	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	413689	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	797199	20.00	ng	0.00
75) Chrysene-d12	14.00	240	666381	20.00	ng	-0.02
86) Perylene-d12	15.53	264	633676	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1490927	118.23	ng	0.00
7) Phenol-d6	6.42	99	1798758	119.80	ng	0.00
23) Nitrobenzene-d5	7.36	82	1132498	91.42	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	570283	124.95	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2016813	75.67	ng	0.00
78) Terphenyl-d14	12.91	244	2206650	76.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	130785	19.616	ng	92
3) Pyridine	3.25	79	345420	19.318	ng	85
4) n-Nitrosodimethylamine	3.18	42	155202	17.125	ng	89
6) Aniline	6.46	93	439588	20.046	ng	95
8) 2-Chlorophenol	6.57	128	270240	20.202	ng	92
9) Benzaldehyde	6.35	77	158948	13.811	ng	98
10) Phenol	6.43	94	326855	19.560	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	272990	19.822	ng	94
12) 1,3-Dichlorobenzene	6.73	146	338623	21.001	ng	100
13) 1,4-Dichlorobenzene	6.81	146	339506	21.057	ng	98
14) 1,2-Dichlorobenzene	6.96	146	311217	20.925	ng	99
15) Benzyl Alcohol	6.93	79	253237	22.036	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	506993	19.810	ng	97
17) 2-Methylphenol	7.04	107	240774	20.846	ng	99
18) Hexachloroethane	7.30	117	115174	22.198	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	212173	21.342	ng	90
20) 3+4-Methylphenols	7.19	107	313194	23.075	ng	92
22) Acetophenone	7.20	105	422349	21.582	ng	# 97
24) Nitrobenzene	7.37	77	310001	22.071	ng	94
25) Isophorone	7.61	82	531277	19.177	ng	98
26) 2-Nitrophenol	7.69	139	127036	27.858	ng	98
27) 2,4-Dimethylphenol	7.72	122	219363	17.818	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	327815	19.174	ng	99
29) 2,4-Dichlorophenol	7.92	162	232258	20.166	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	283069	21.310	ng	98
31) Naphthalene	8.10	128	838226	20.736	ng	100
32) Benzoic acid	7.82	122	171142m	29.932	ng	
33) 4-Chloroaniline	8.15	127	345731	20.568	ng	99
34) Hexachlorobutadiene	8.22	225	169011	21.963	ng	98
35) Caprolactam	8.50	113	73603	21.042	ng	# 76
36) 4-Chloro-3-methylphenol	8.62	107	241883	20.171	ng	95
37) 2-Methylnaphthalene	8.79	142	573100	20.340	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	278560	21.161	ng	98
40) Hexachlorocyclopentadiene	8.94	237	145058	20.378	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105156.D
 Acq On : 8 May 2018 20:46
 Operator : JU/SJ
 Sample : J2133-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT2-2018

Manual Integrations
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Quant Time: May 09 17:05:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	164987	20.542	nq	95
43) 2,4,5-Trichlorophenol	9.09	196	187504	22.343	nq	95
45) 1,1'-Biphenyl	9.25	154	741047	21.986	nq	98
46) 2-Chloronaphthalene	9.27	162	546180	21.681	nq	97
47) 2-Nitroaniline	9.37	65	160763	25.279	nq	91
48) Acenaphthylene	9.69	152	855038	21.976	nq	99
49) Dimethylphthalate	9.55	163	625248	22.326	nq	100
50) 2,6-Dinitrotoluene	9.61	165	135254	22.257	nq	96
51) Acenaphthene	9.86	154	548198	21.862	nq	99
52) 3-Nitroaniline	9.78	138	147099	22.981	nq	97
53) 2,4-Dinitrophenol	9.88	184	40545	29.625	nq #	19
54) Dibenzofuran	10.03	168	759374	20.703	nq	98
55) 4-Nitrophenol	9.92	139	109170	22.233	nq	88
56) 2,4-Dinitrotoluene	10.01	165	177789	23.959	nq	94
57) Fluorene	10.37	166	578789	21.517	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	148199	19.783	nq #	88
59) Diethylphthalate	10.25	149	636056	23.110	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	279314	22.306	nq	92
61) 4-Nitroaniline	10.39	138	142702	22.404	nq	97
62) Azobenzene	10.53	77	593733	20.679	nq	95
64) 4,6-Dinitro-2-methylphenol	10.42	198	75979	31.647	nq	87
65) n-Nitrosodiphenylamine	10.49	169	526778	21.198	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	180355	21.213	nq	92
67) Hexachlorobenzene	10.92	284	209449	21.380	nq #	84
68) Atrazine	11.01	200	104522	13.420	nq	97
69) Pentachlorophenol	11.11	266	123633	23.740	nq	98
70) Phenanthrene	11.34	178	886225	21.086	nq	99
71) Anthracene	11.39	178	897234	21.010	nq	100
72) Carbazole	11.55	167	835679	21.716	nq	98
73) Di-n-butylphthalate	11.88	149	961225	23.354	nq	99
74) Fluoranthene	12.53	202	933609	21.318	nq	95
76) Benzidine	12.65	184	275891m	11.087	nq	
77) Pyrene	12.76	202	977620	20.170	nq	99
79) Butylbenzylphthalate	13.39	149	373846	25.174	nq	99
80) Benzo(a)anthracene	13.98	228	818811	20.260	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	294533	19.385	nq #	95
82) Chrysene	14.02	228	856103	20.569	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	492584	24.581	nq	99
84) Di-n-octyl phthalate	14.66	149	787904	24.279	nq #	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	675573	20.483	nq	94
87) Benzo(b)fluoranthene	15.10	252	790346m	20.387	nq	
88) Benzo(k)fluoranthene	15.13	252	798785	21.249	nq #	96
89) Benzo(a)pyrene	15.46	252	708149	20.084	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	556982	20.339	nq	96
91) Benzo(g,h,i)perylene	17.40	276	541314	20.205	nq #	93

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