

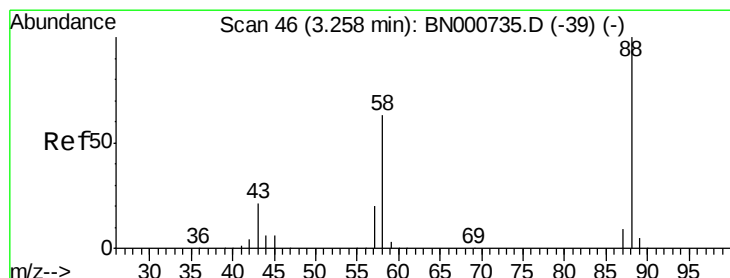
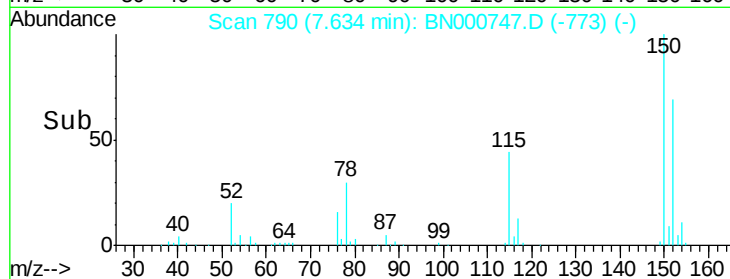
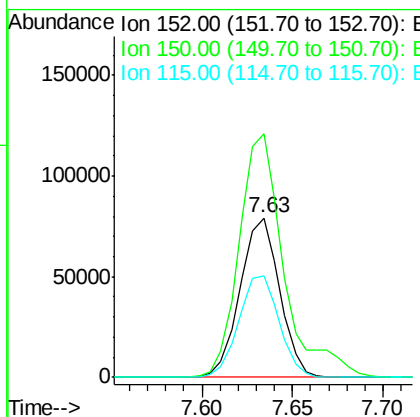
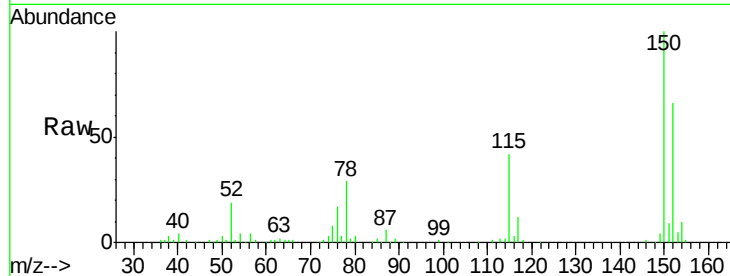
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.63 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.6	189.8
115	63.7	53.0	79.4

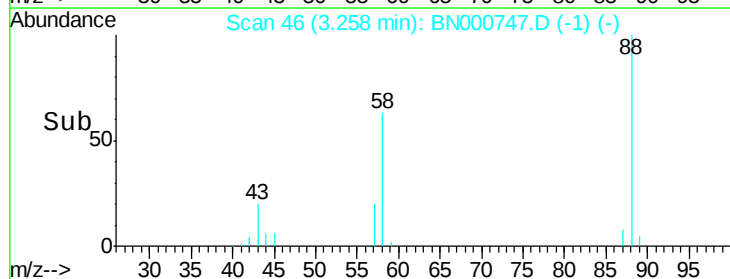
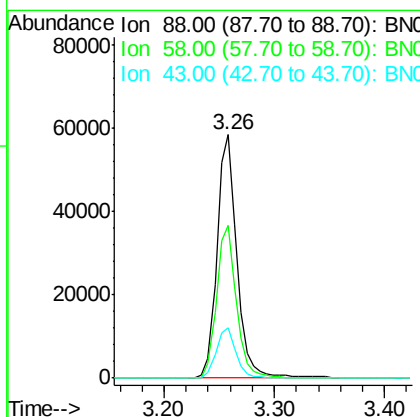
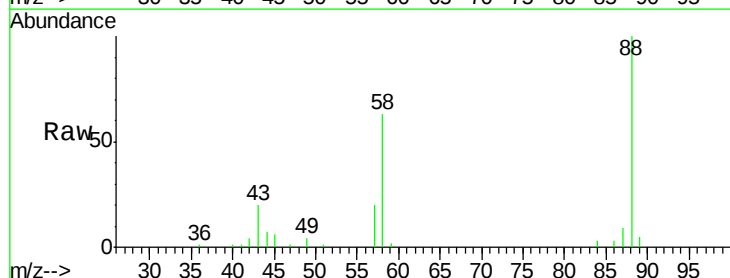
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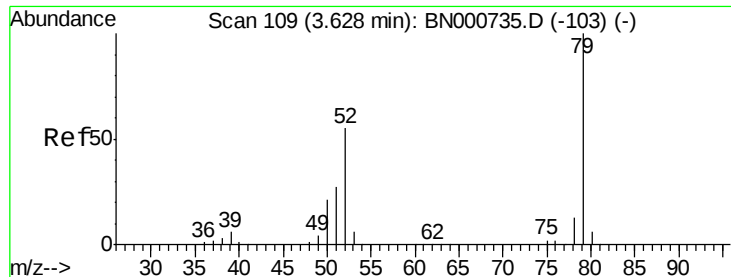
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#2
 1,4-Dioxane
 Concen: 19.754 ng
 RT: 3.26 min Scan# 46
 Delta R.T. -0.00 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	52.0	78.0
43	20.2	20.0	30.0





#3

Pvridine

Concen: 19.960 ng

RT: 3.63 min Scan# 109

Delta R.T. -0.00 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

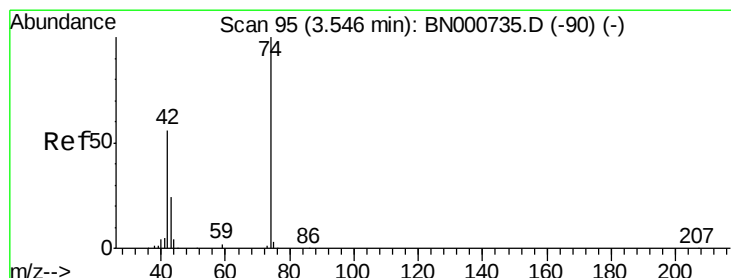
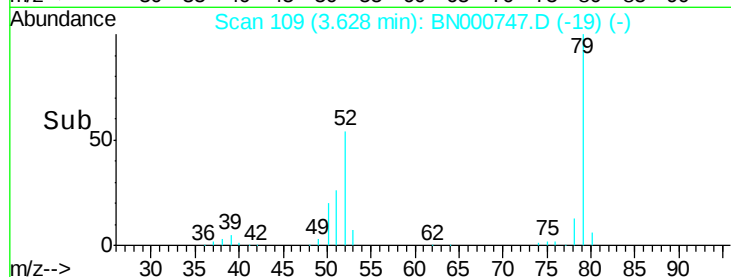
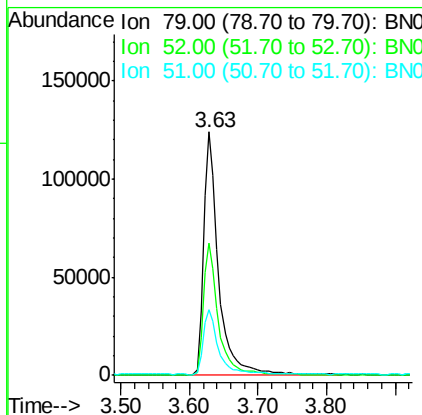
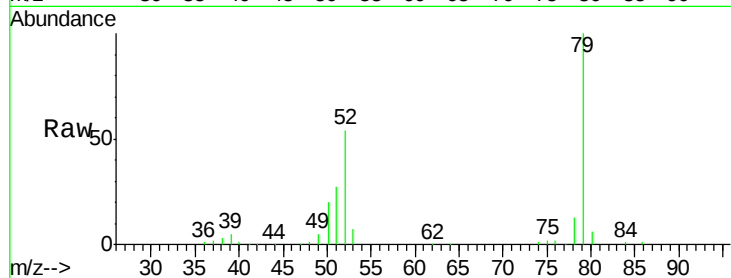
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	79	Resp:	194127
Ion	Ratio	Lower	Upper
79	100		
52	54.4	44.0	66.0
51	26.7	24.0	36.0

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#4

n-Nitrosodimethylamine

Concen: 19.097 ng

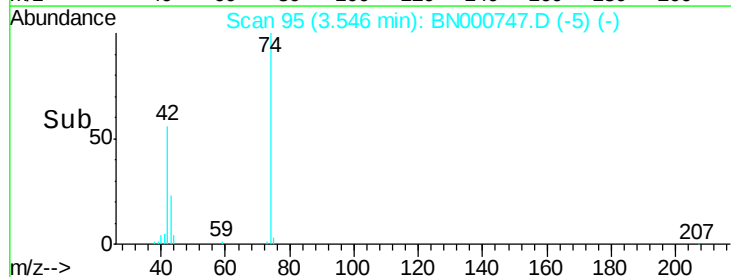
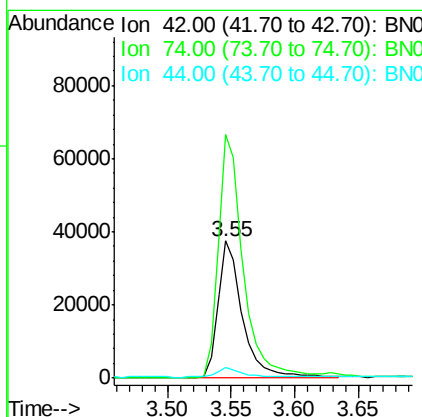
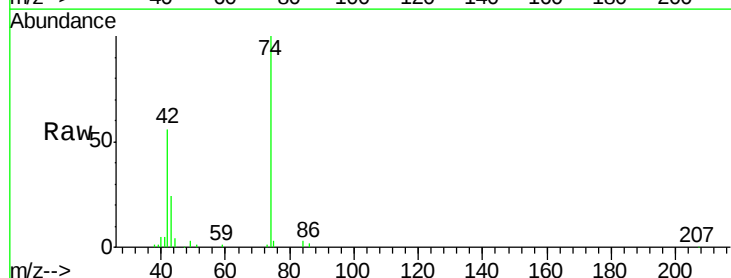
RT: 3.55 min Scan# 95

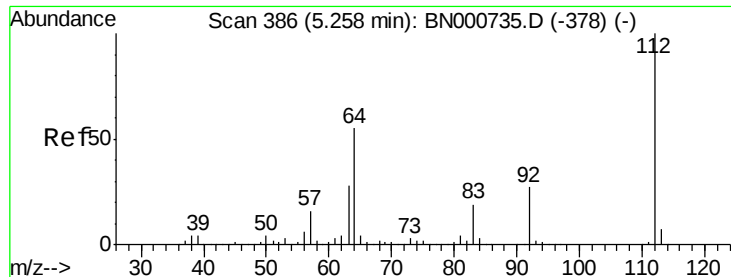
Delta R.T. -0.00 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Tgt Ion:	42	Resp:	51077
Ion	Ratio	Lower	Upper
42	100		
74	177.7	128.0	192.0
44	7.9	12.0	18.0





#5

2-Fluorophenol

Concen: 129.894 ng

RT: 5.26 min Scan# 386

Delta R.T. -0.00 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

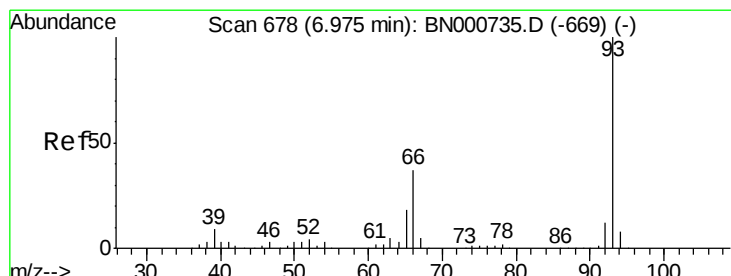
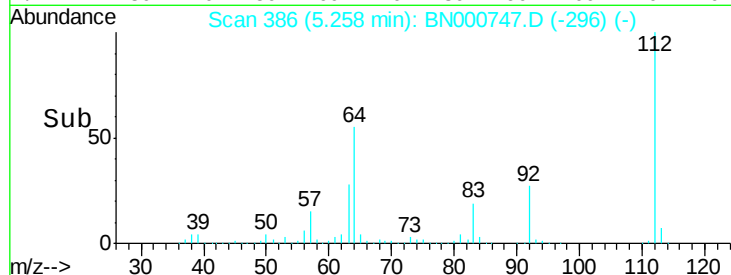
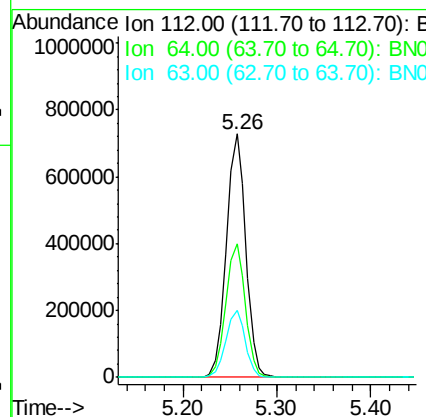
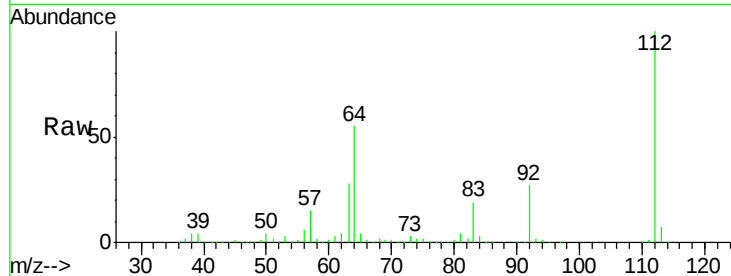
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	112	Resp:	1045614
Ion Ratio	Lower	Upper	
112	100		
64	54.9	56.3	84.5#
63	27.7	30.1	45.1#

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#6

Aniline

Concen: 18.922 ng

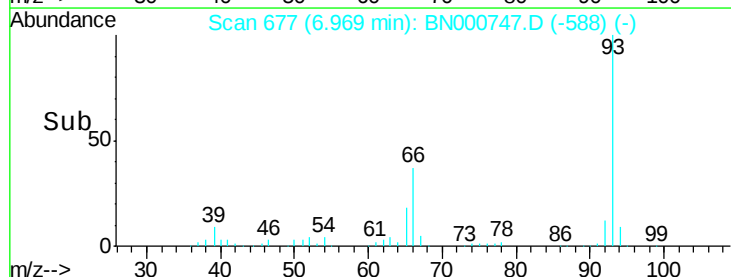
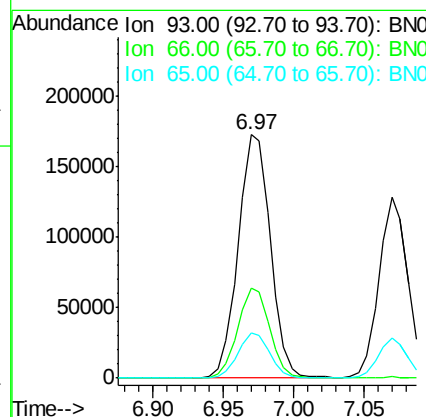
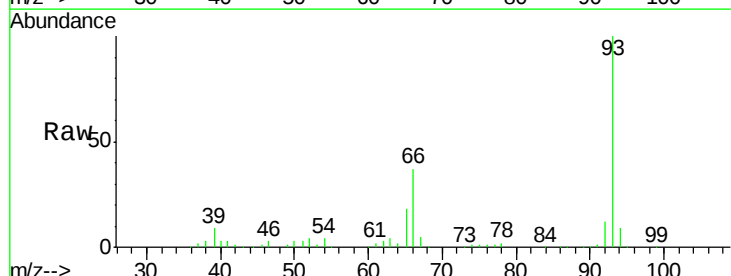
RT: 6.97 min Scan# 677

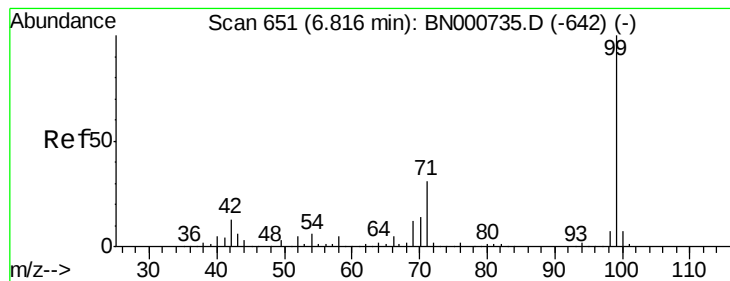
Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Tgt Ion:	93	Resp:	275375
Ion Ratio	Lower	Upper	
93	100		
66	37.2	33.7	50.5
65	18.3	16.1	24.1





#7

Phenol-d6

Concen: 125.878 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.00 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion: 99 Resp: 1380840

Ion Ratio Lower Upper

99 100

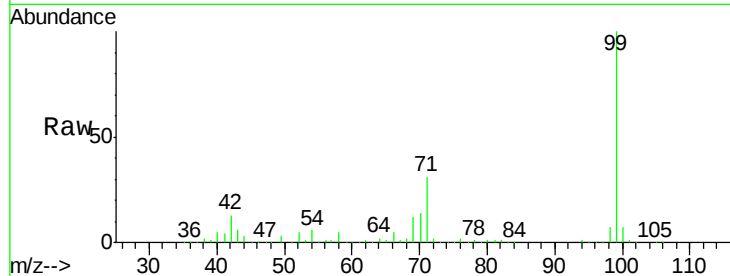
42 12.8 14.1 21.1#

71 31.5 26.1 39.1

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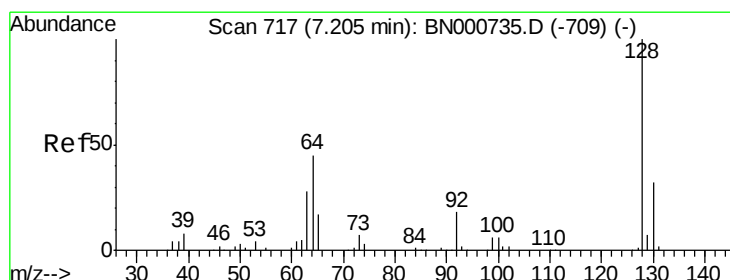
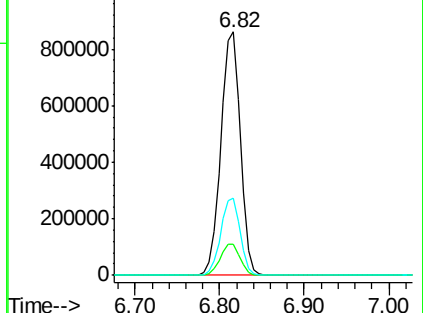
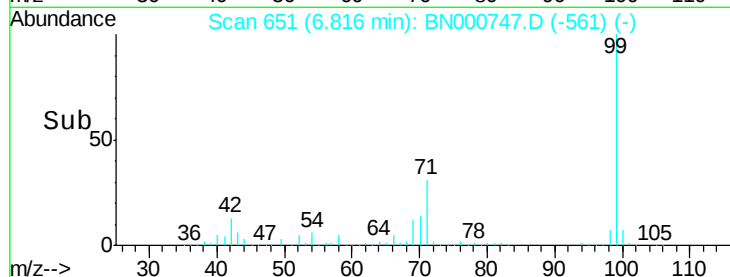
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Abundance Ion 99.00 (98.70 to 99.70): BN000735.D (-642) (-)

Ion 42.00 (41.70 to 42.70): BN000735.D (-642) (-)

Ion 71.00 (70.70 to 71.70): BN000735.D (-642) (-)



#8

2-Chlorophenol

Concen: 19.574 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

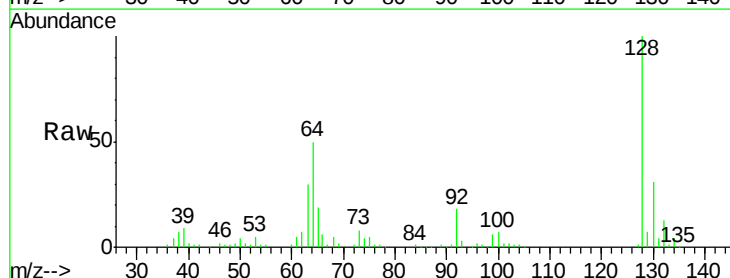
Tgt Ion:128 Resp: 162956

Ion Ratio Lower Upper

128 100

130 31.2 14.0 54.0

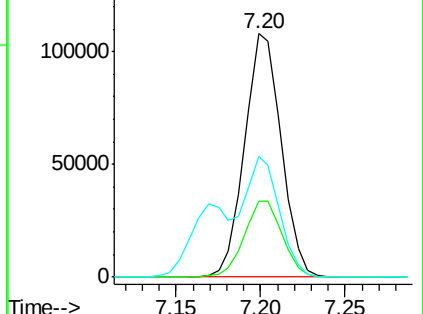
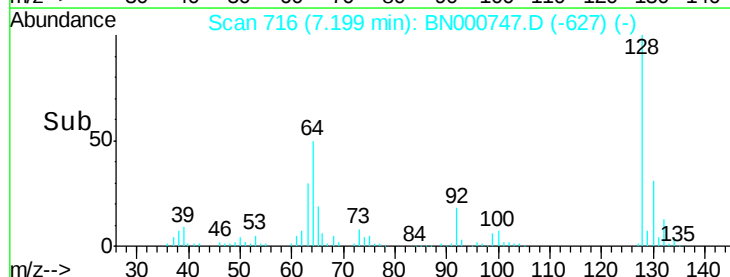
64 49.6 37.7 77.7

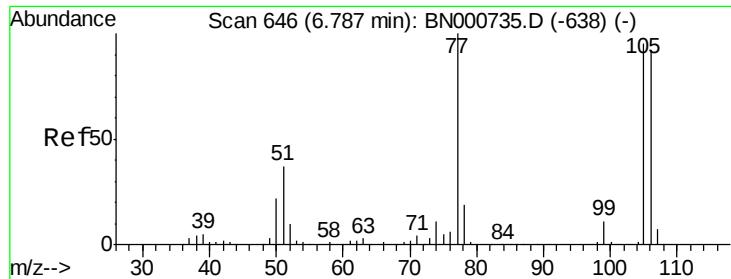


Abundance Ion 128.00 (127.70 to 128.70): BN000735.D (-709) (-)

Ion 130.00 (129.70 to 130.70): BN000735.D (-709) (-)

Ion 64.00 (63.70 to 64.70): BN000735.D (-709) (-)





#9

Benzaldehyde

Concen: 11.905 ng

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

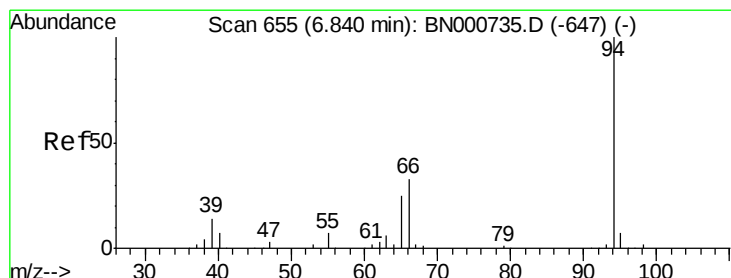
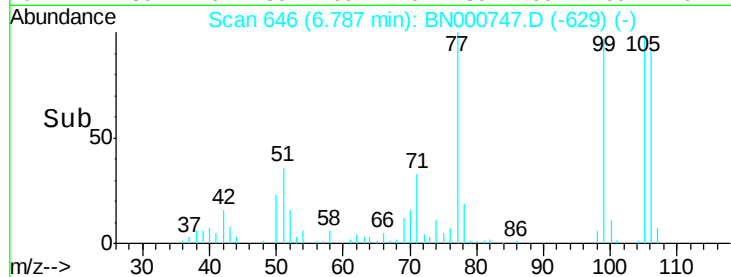
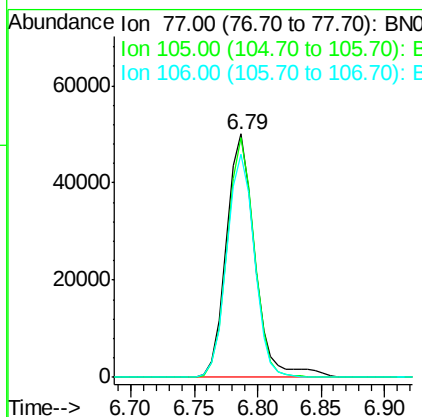
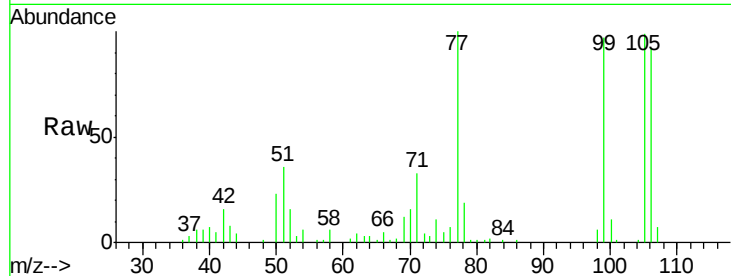
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	77	Resp:	78245
Ion	Ratio	Lower	Upper
77	100		
105	98.6	71.3	111.3
106	91.5	64.2	104.2

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#10

Phenol

Concen: 19.274 ng

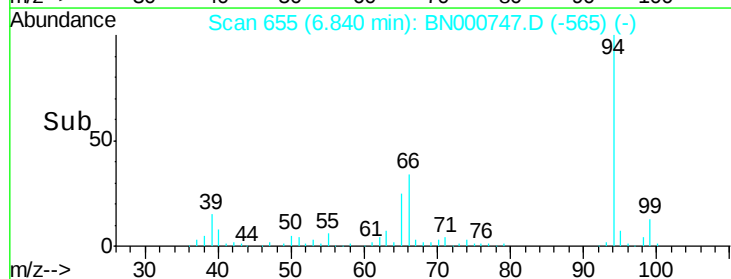
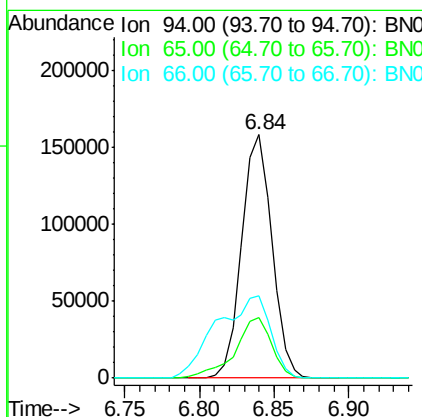
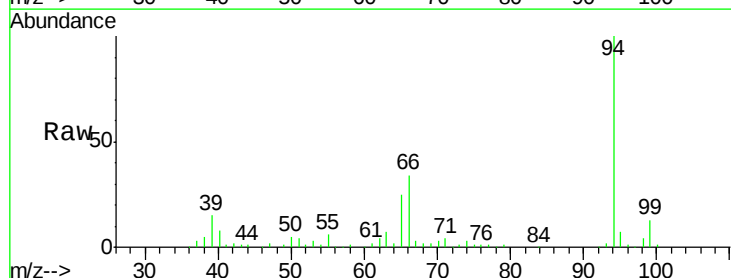
RT: 6.84 min Scan# 655

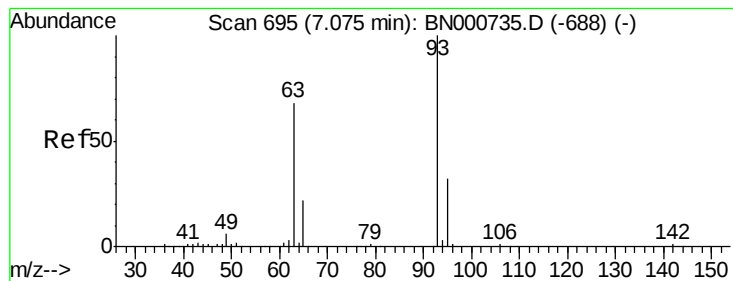
Delta R.T. -0.00 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Tgt Ion:	94	Resp:	222864
Ion	Ratio	Lower	Upper
94	100		
65	24.9	11.9	51.9
66	34.1	22.2	62.2





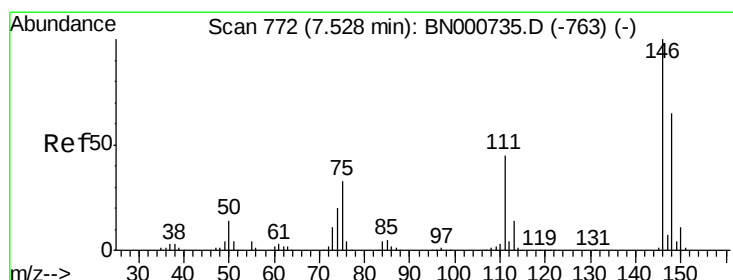
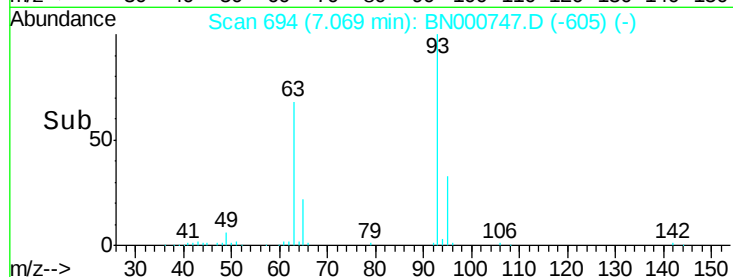
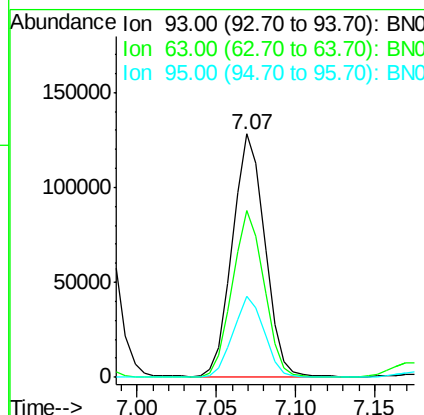
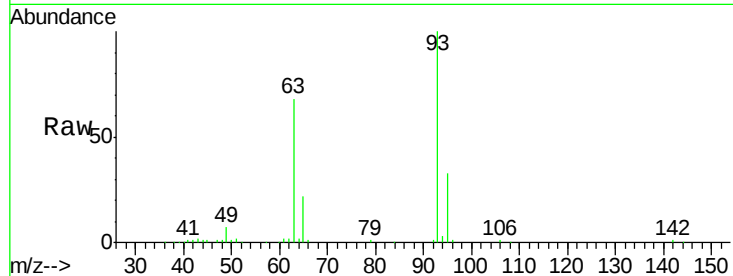
#11
bis(2-Chloroethyl)ether
Concen: 19.335 ng
RT: 7.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.5	67.1	107.1
95	33.1	11.5	51.5

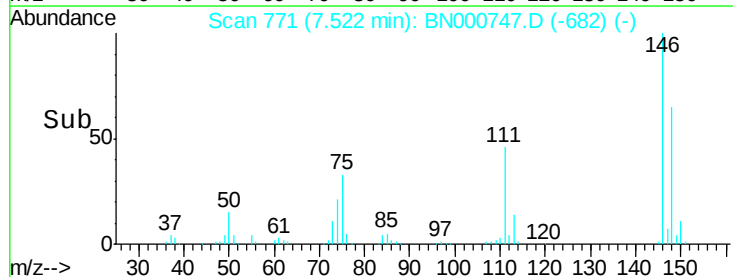
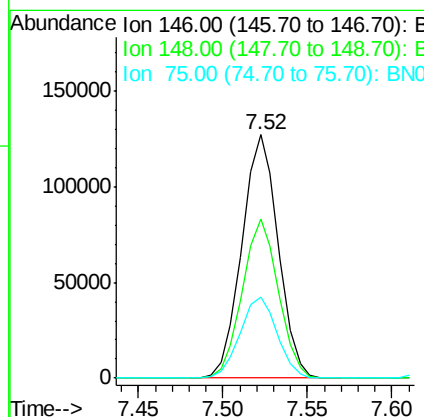
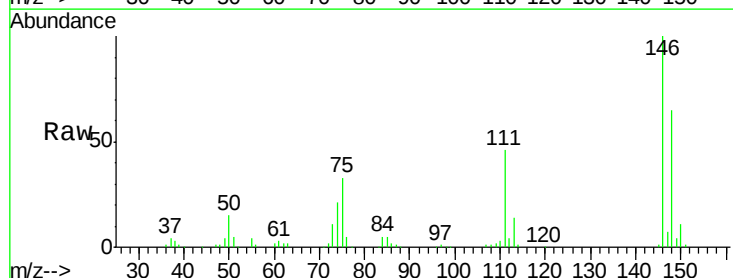
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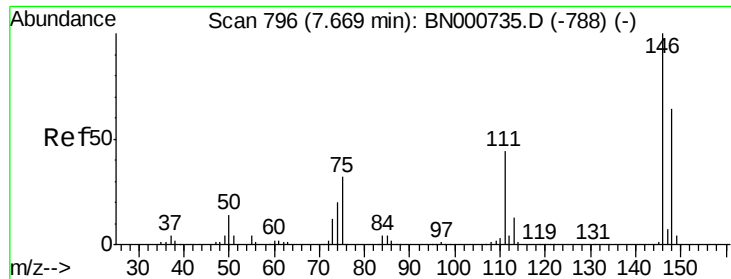
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#12
1,3-Dichlorobenzene
Concen: 19.703 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.2
75	33.1	26.6	39.8





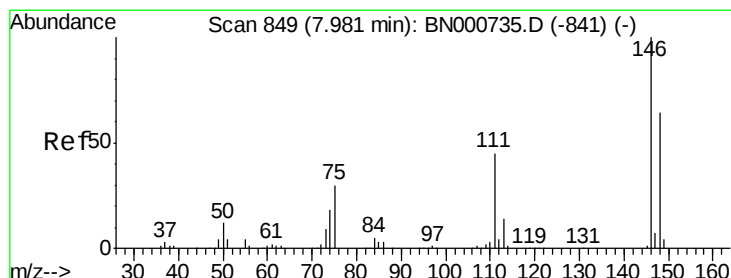
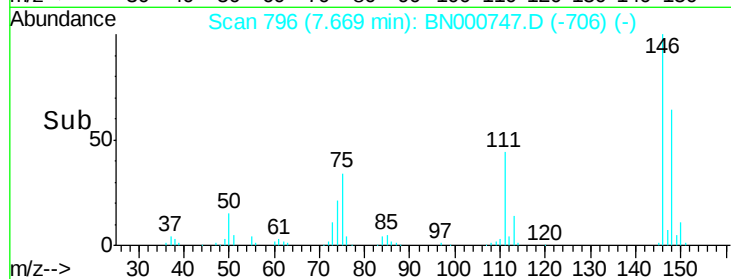
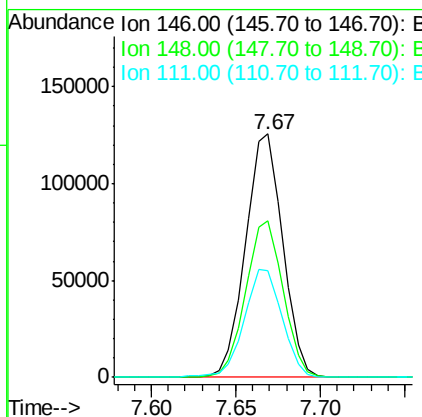
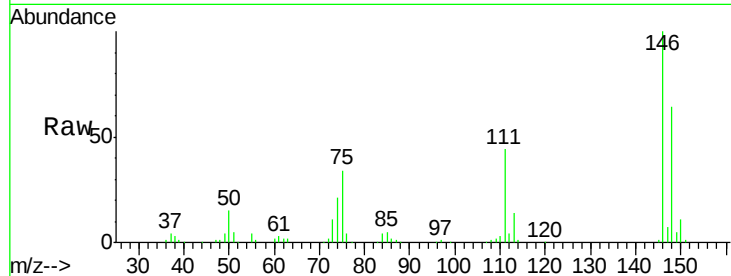
#13
 1,4-Dichlorobenzene
 Concen: 19.676 ng
 RT: 7.67 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.7	80.5
111	43.8	35.2	52.8

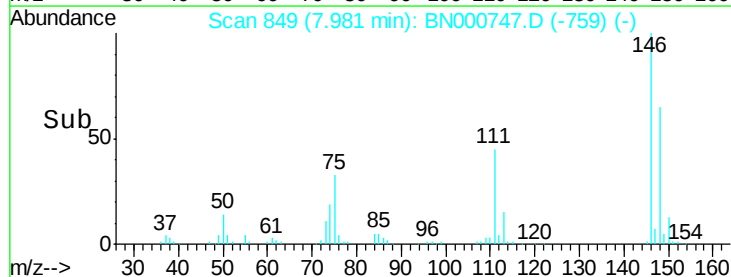
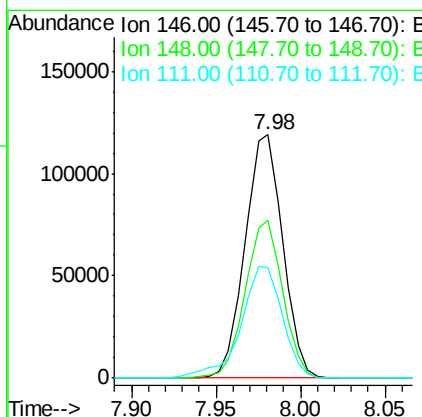
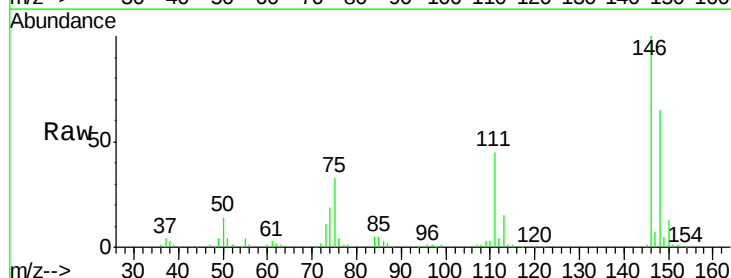
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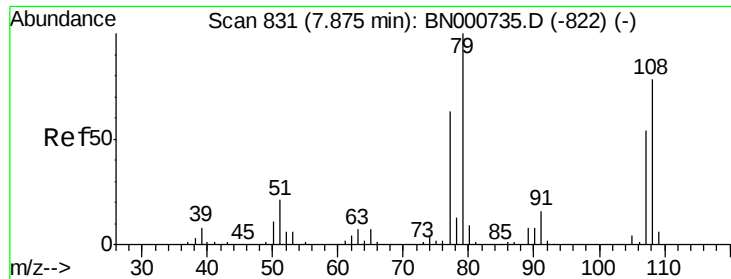
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#14
 1,2-Dichlorobenzene
 Concen: 19.793 ng
 RT: 7.98 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.3	73.9
111	45.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 18.753 ng

RT: 7.87 min Scan# 830

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

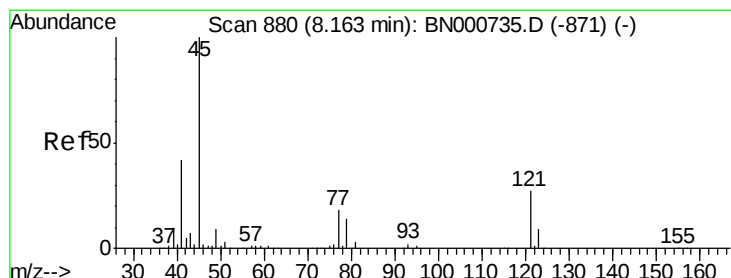
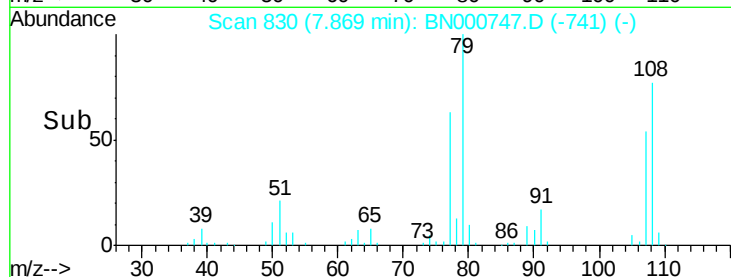
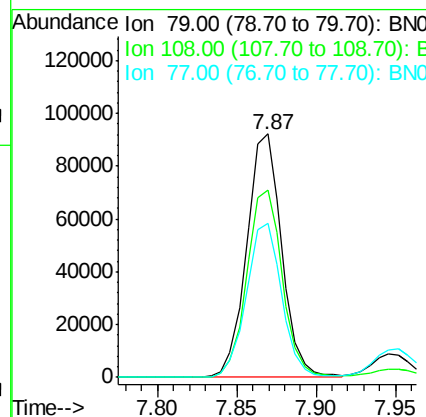
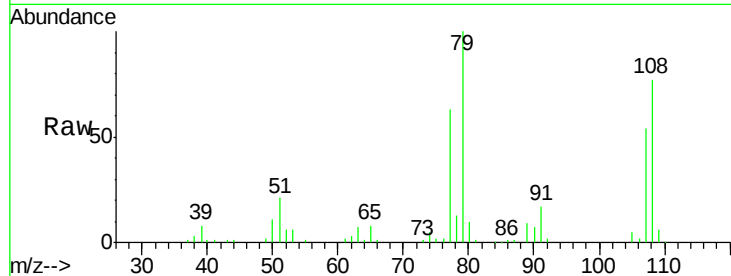
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	79	Resp:	141489
Ion Ratio	Lower	Upper	
79	100		
108	77.1	57.2	85.8
77	63.3	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 19.018 ng

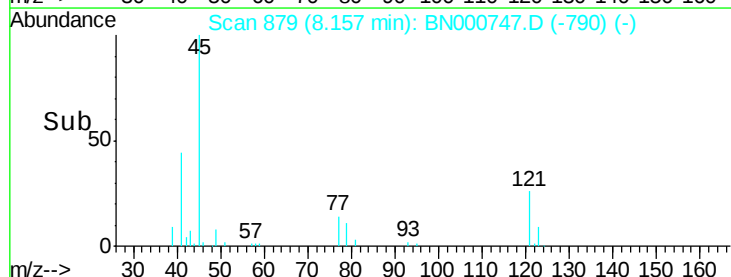
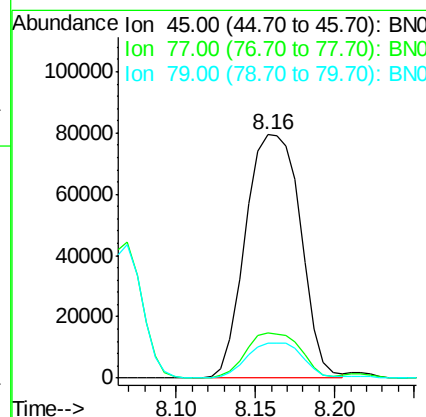
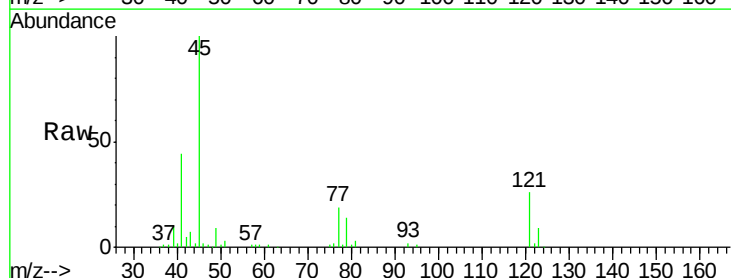
RT: 8.16 min Scan# 879

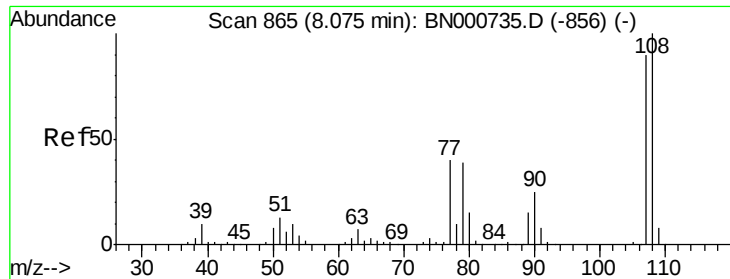
Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Tgt Ion:	45	Resp:	191062
Ion Ratio	Lower	Upper	
45	100		
77	18.6	0.0	30.2
79	14.2	0.0	27.9





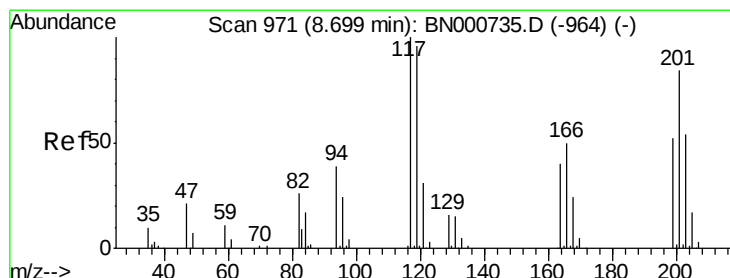
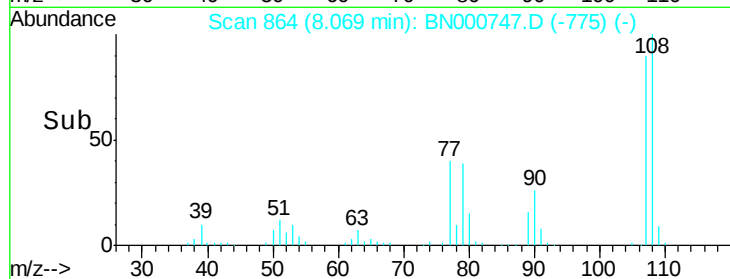
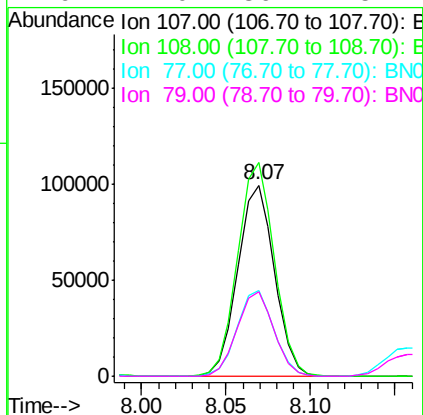
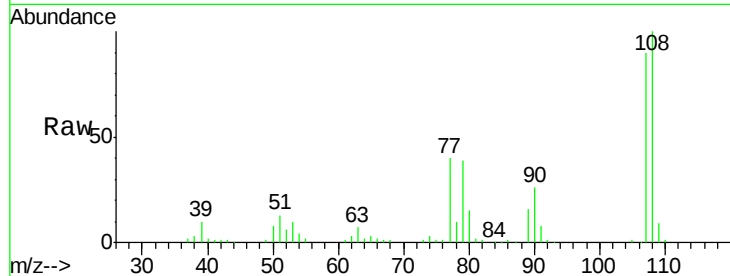
#17
2-Methylphenol
Concen: 19.297 ng
RT: 8.07 min Scan# 864
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	107	Resp	150000
Ion Ratio	Lower	Upper	
107	100		
108	111.7	83.9	125.9
77	44.6	37.2	55.8
79	44.0	36.2	54.2

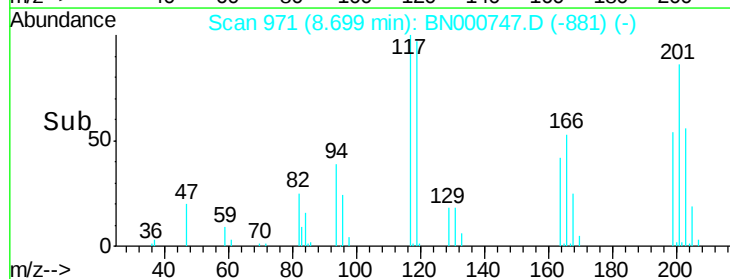
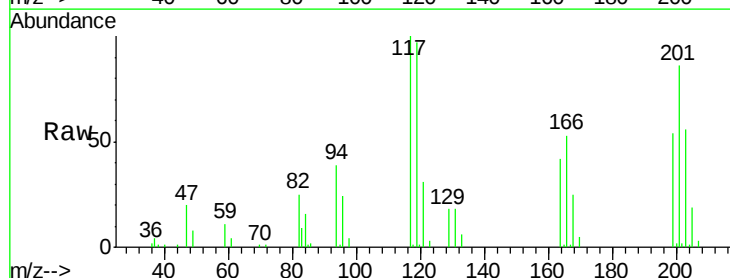
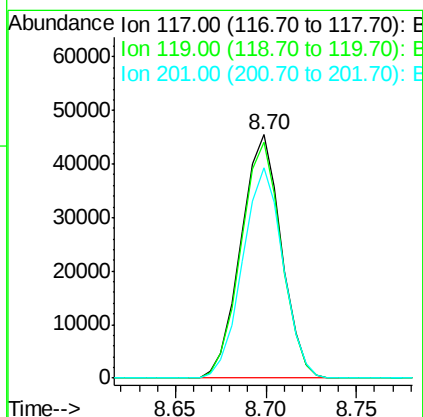
Manual Integrations
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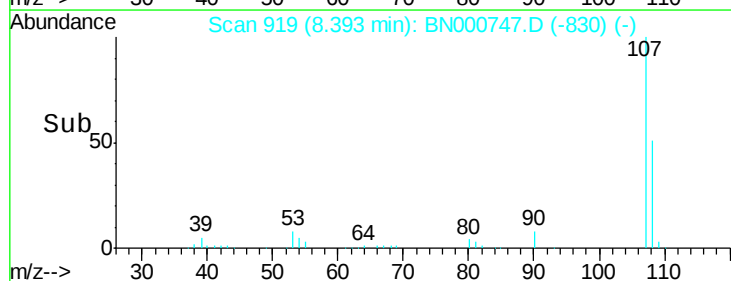
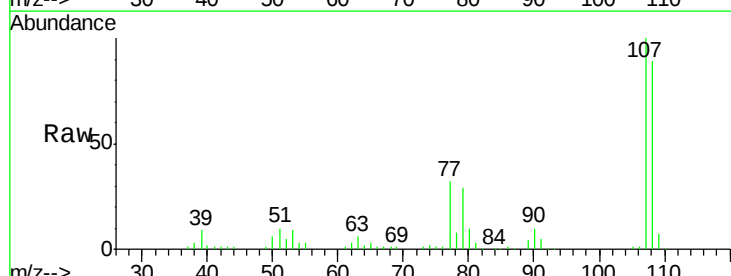
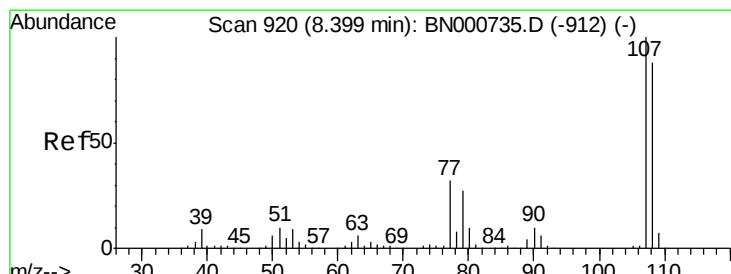
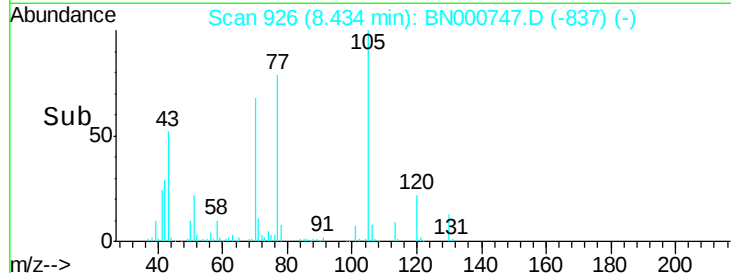
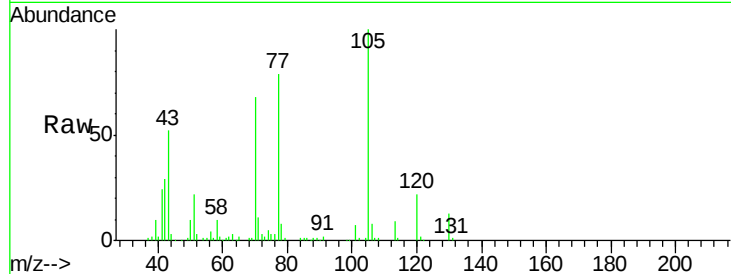
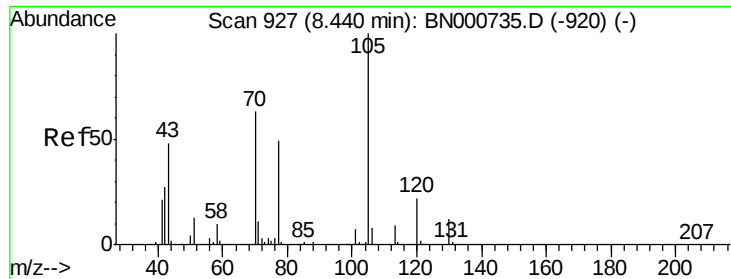
Sohil
4/19/2018 5:43:03 PM



#18
Hexachloroethane
Concen: 19.509 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.00 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	117	Resp	70576
Ion Ratio	Lower	Upper	
117	100		
119	96.7	76.7	115.1
201	86.2	95.7	143.5#





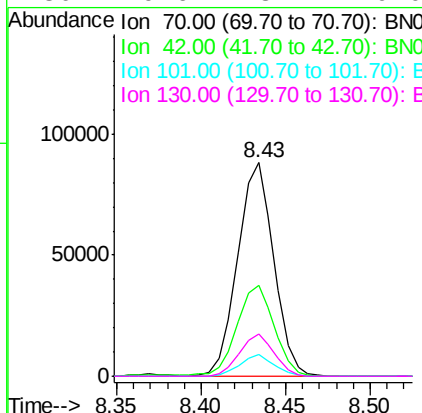
#19
n-Nitroso-di-n-propylamine
Concen: 19.272 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.8	49.1	73.7#	
101	10.0	8.5	12.7	
130	19.6	13.4	20.0	

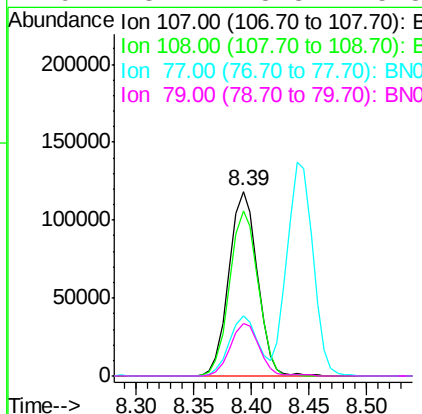
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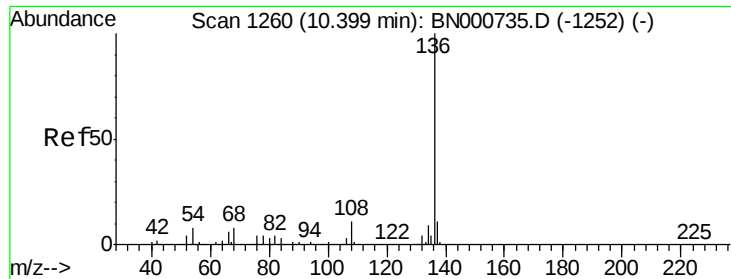
Sohil
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#20
3+4-Methylphenols
Concen: 19.091 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	61.6	101.6	
77	32.3	13.9	53.9	
79	28.7	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

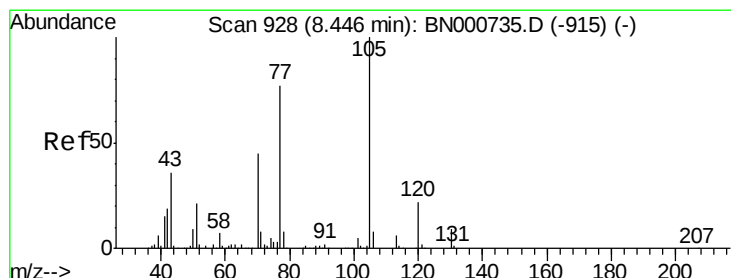
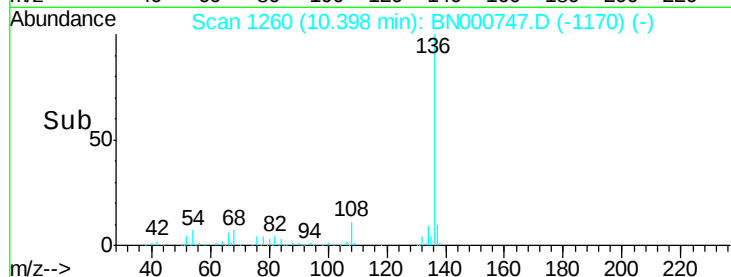
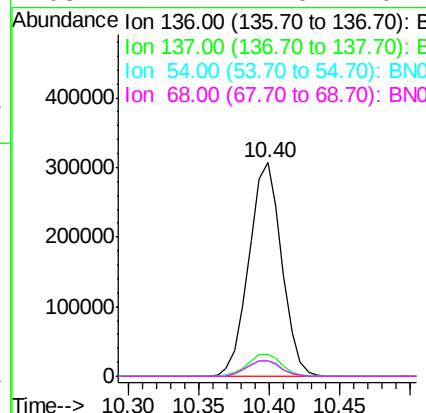
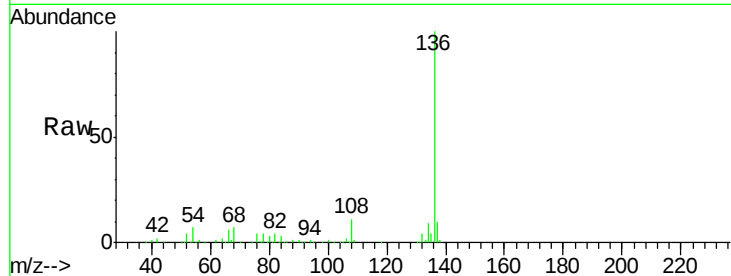
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100	499413		
137	10.5	9.2	13.8	
54	7.5	10.3	15.5#	
68	7.2	4.5	6.7#	

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#22

Acetophenone

Concen: 19.466 ng

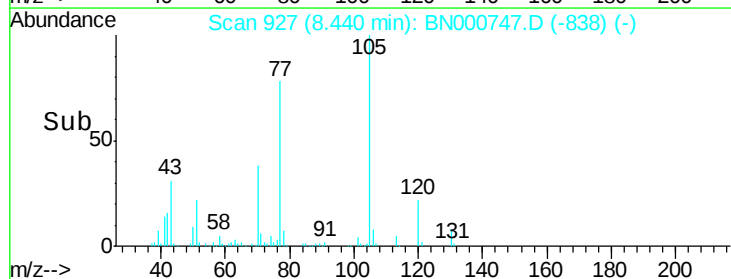
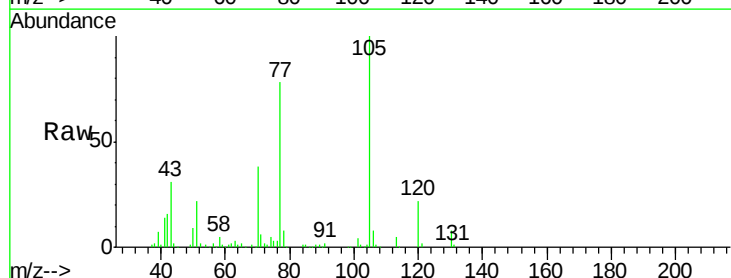
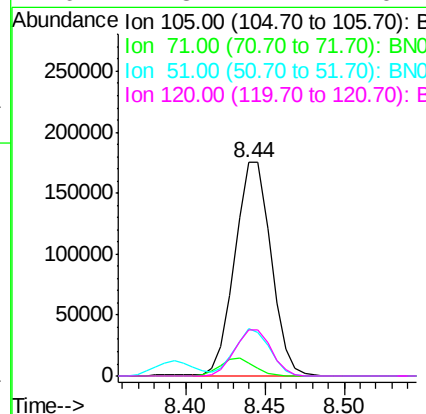
RT: 8.44 min Scan# 927

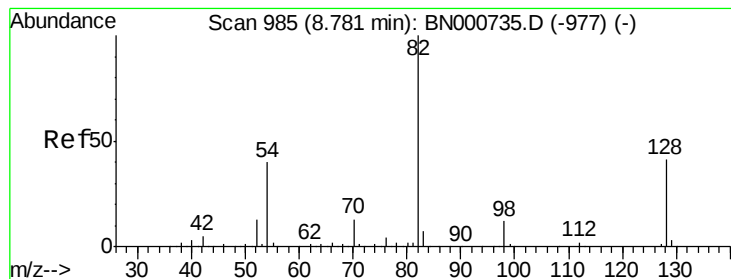
Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	278570		
71	6.1	3.0	4.4#	
51	22.1	26.1	39.1#	
120	21.8	17.4	26.2	





#23

Nitrobenzene-d5

Concen: 85.183 ng

RT: 8.78 min Scan# 984

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

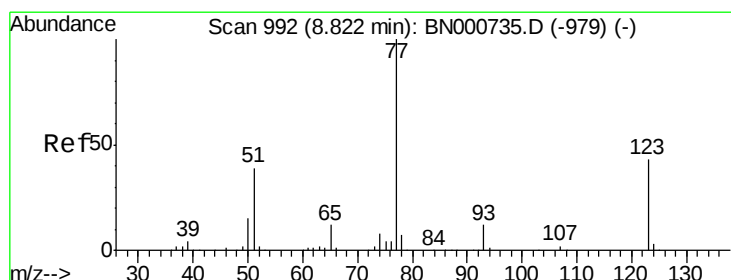
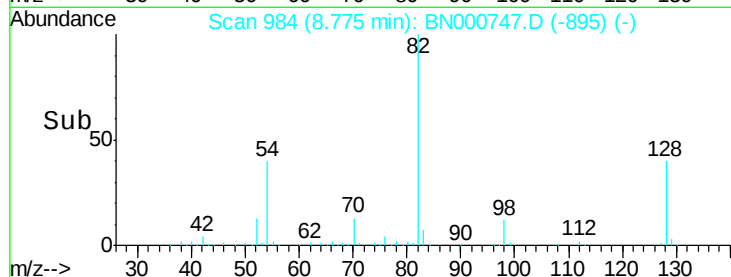
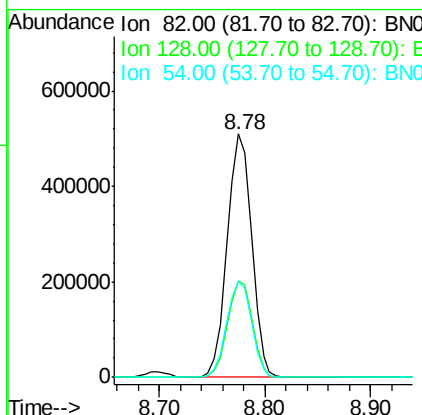
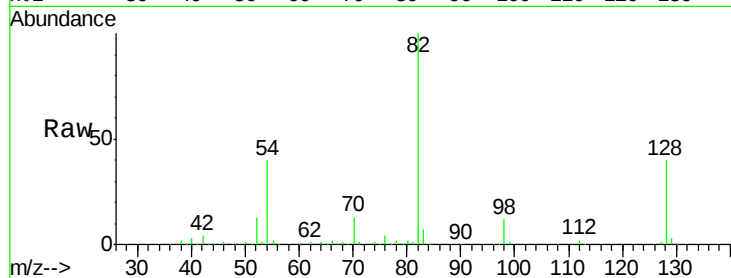
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	82	Resp:	816062
Ion Ratio	Lower	Upper	
82	100		
128	39.6	29.7	44.5
54	39.8	43.1	64.7#

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#24

Nitrobenzene

Concen: 19.936 ng

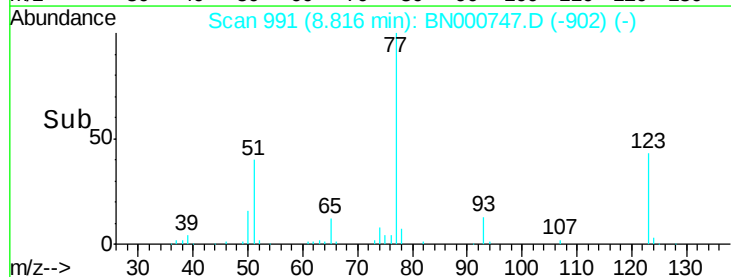
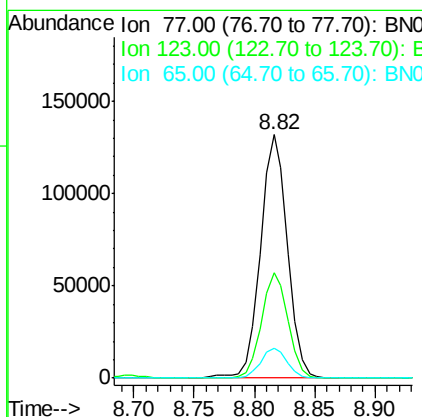
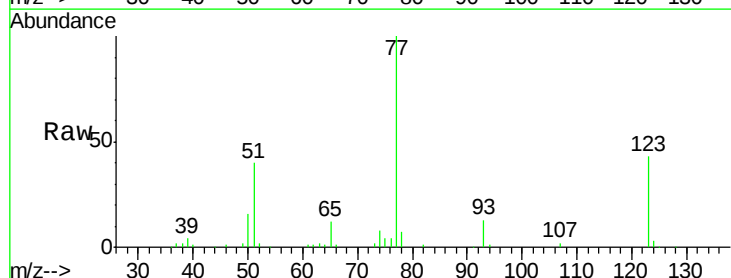
RT: 8.82 min Scan# 991

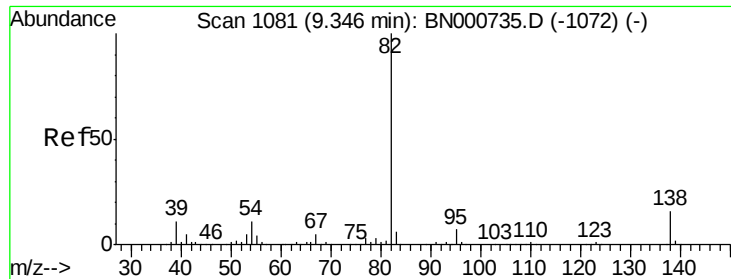
Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Tgt Ion:	77	Resp:	204790
Ion Ratio	Lower	Upper	
77	100		
123	43.1	33.0	49.6
65	12.2	13.0	19.6#





#25

Isophorone

Concen: 18.748 ng

RT: 9.33 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

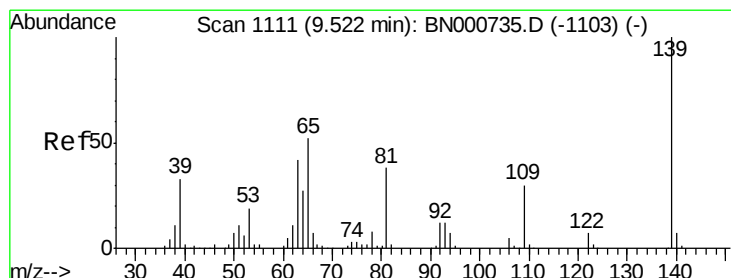
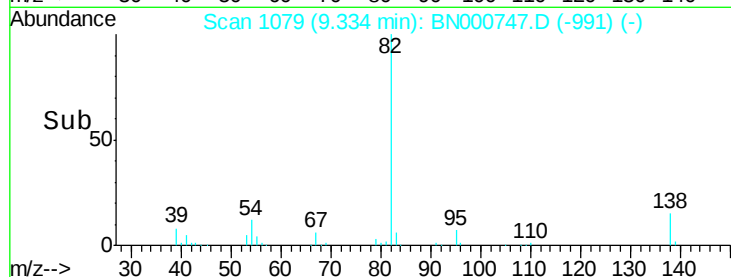
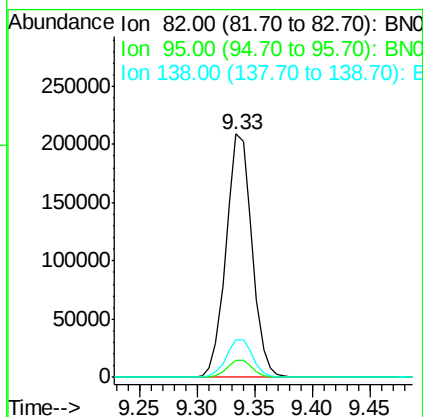
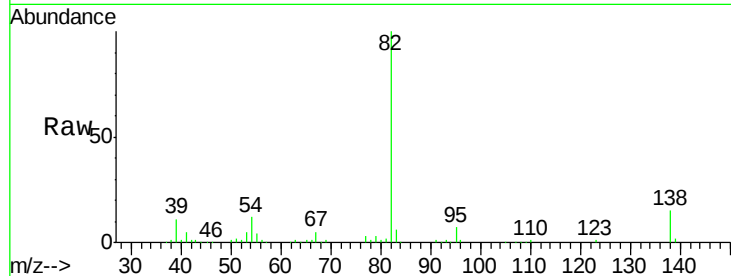
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	82	Resp:	325430
Ion Ratio		Lower	Upper
82	100		
95	6.9	6.2	9.2
138	15.3	12.1	18.1

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#26

2-Nitrophenol

Concen: 18.043 ng

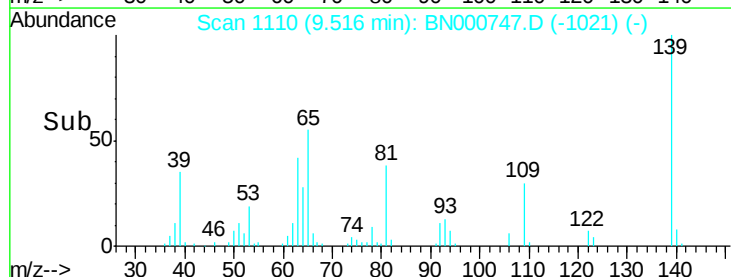
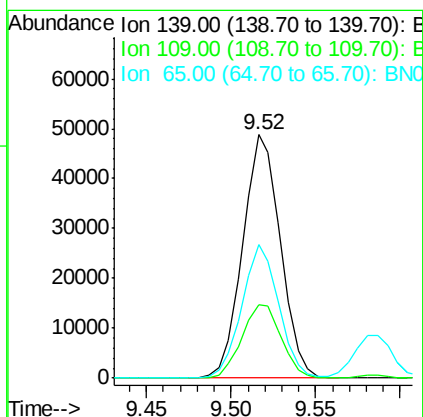
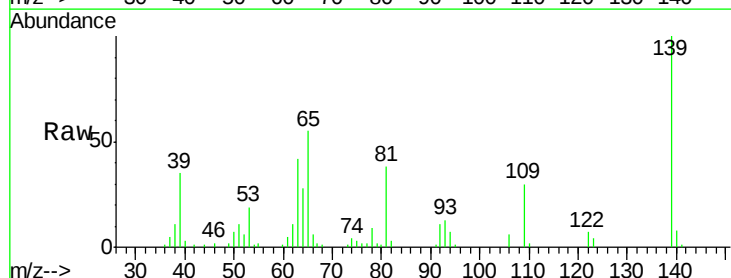
RT: 9.52 min Scan# 1110

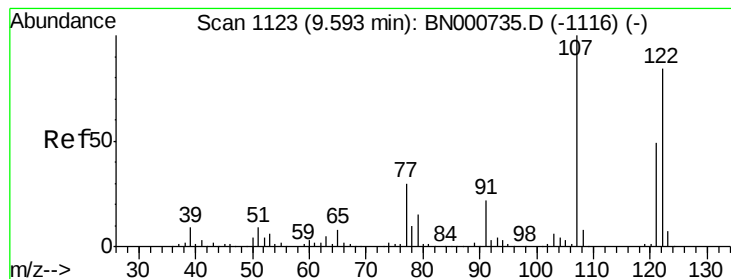
Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Tgt Ion:	139	Resp:	75931
Ion Ratio		Lower	Upper
139	100		
109	30.2	24.2	36.2
65	54.7	47.4	71.0





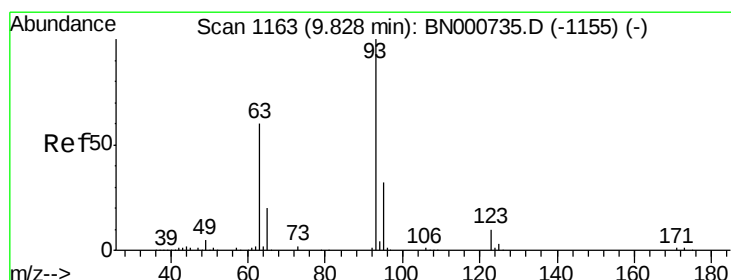
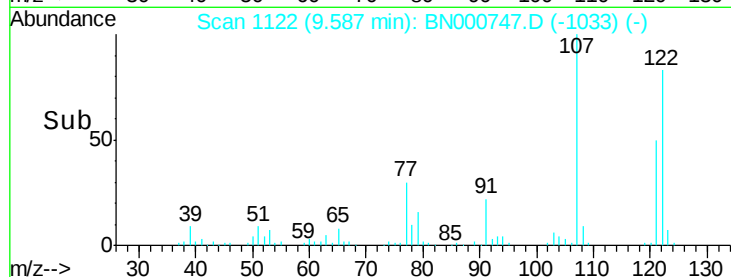
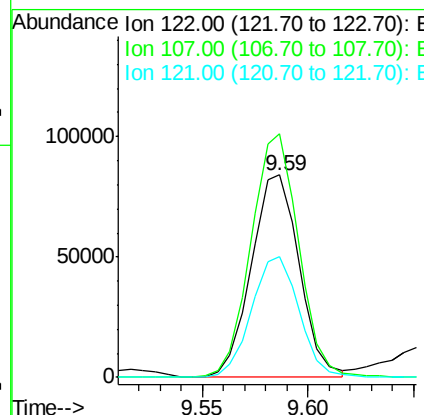
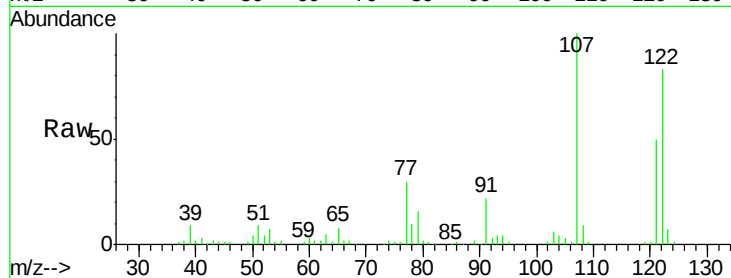
#27
 2,4-Dimethylphenol
 Concen: 19.342 ng
 RT: 9.59 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.3	100.2	150.2
121	59.7	44.4	66.6

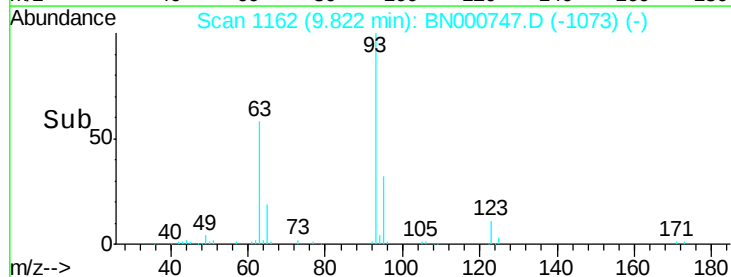
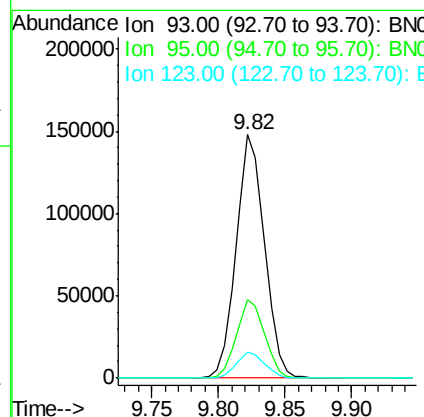
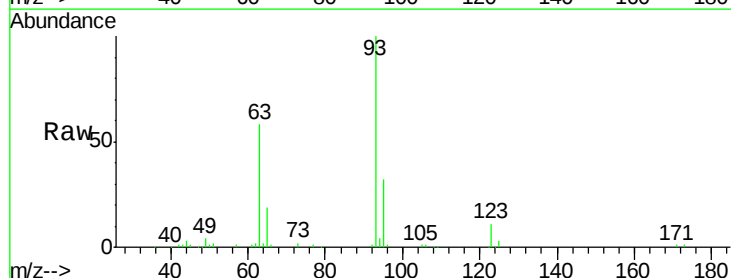
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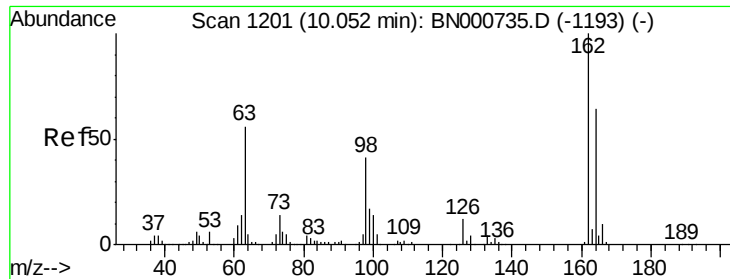
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 19.338 ng
 RT: 9.82 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.3	36.5
123	10.7	8.4	12.6





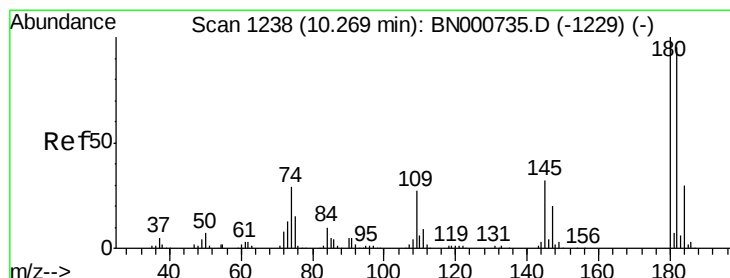
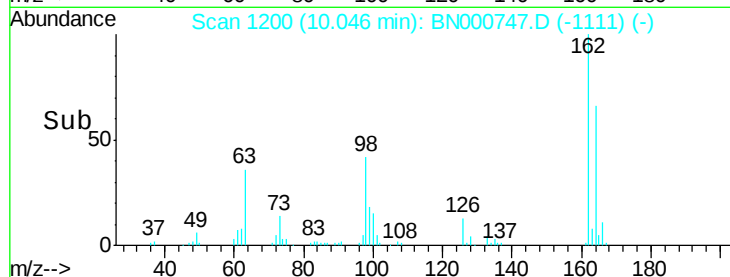
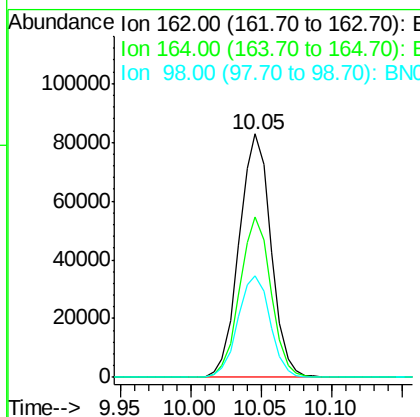
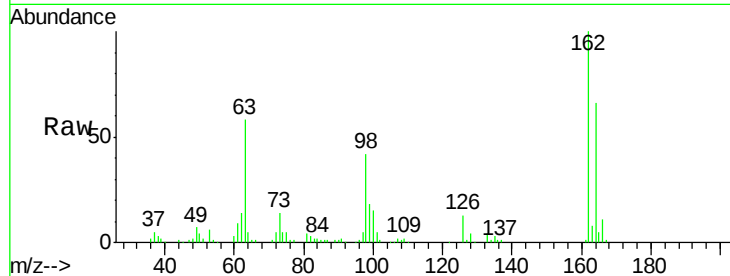
#29
2,4-Dichlorophenol
Concen: 19.292 ng
RT: 10.05 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	130521		
164	65.8	48.0	88.0	
98	41.7	21.1	61.1	

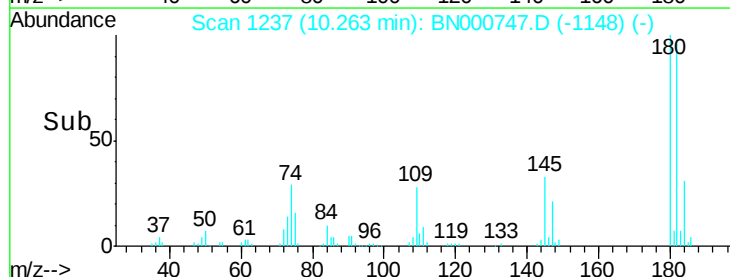
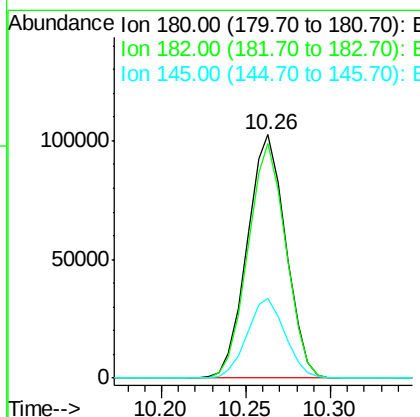
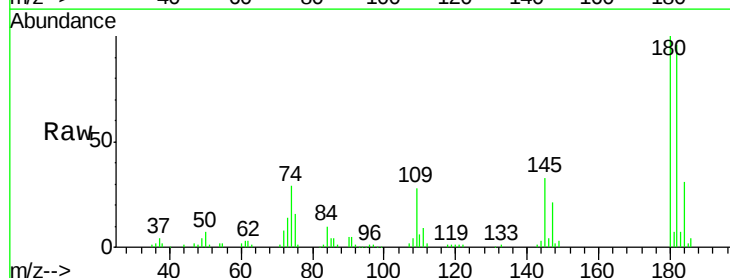
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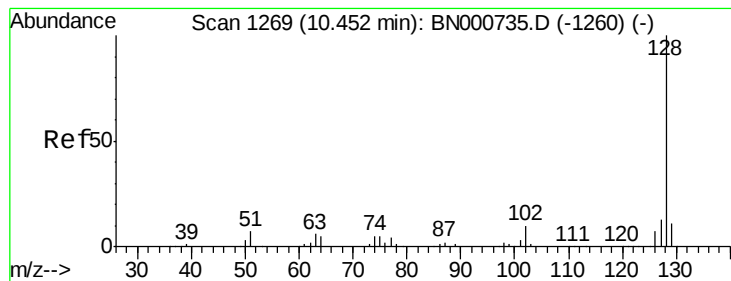
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 19.959 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	162753		
182	96.3	77.5	116.3	
145	32.7	23.4	35.2	





#31

Naphthalene

Concen: 19.755 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

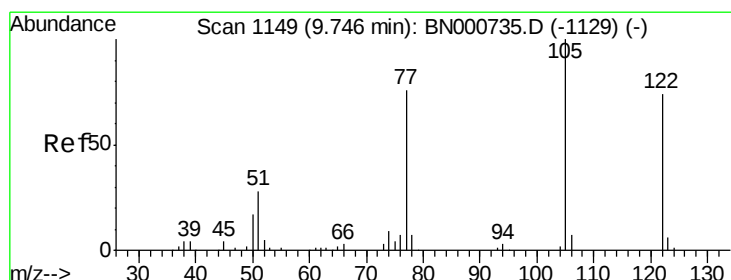
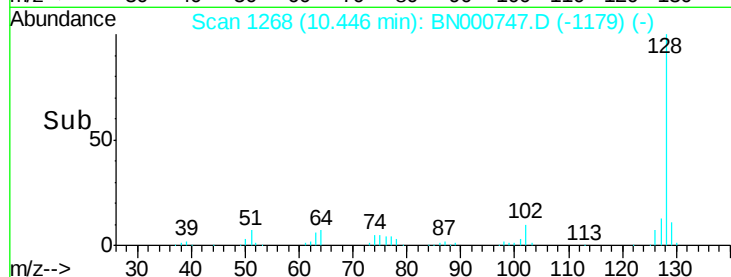
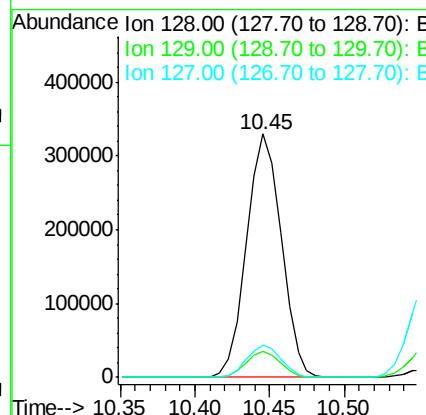
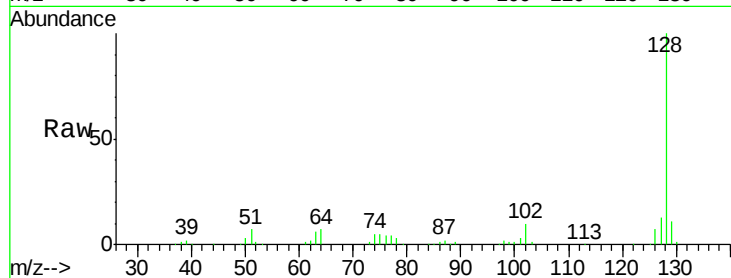
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	128	Resp:	530436
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	13.3	11.6	17.4

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#32

Benzoic acid

Concen: 17.233 ng

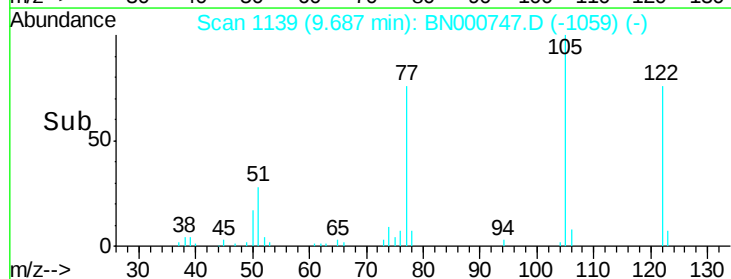
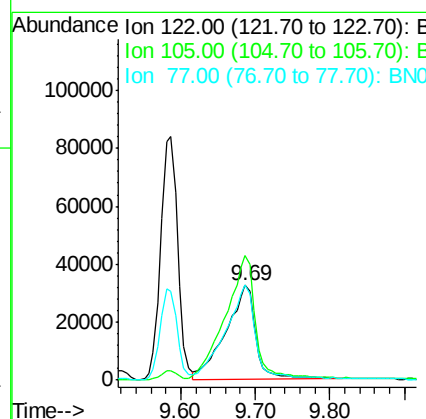
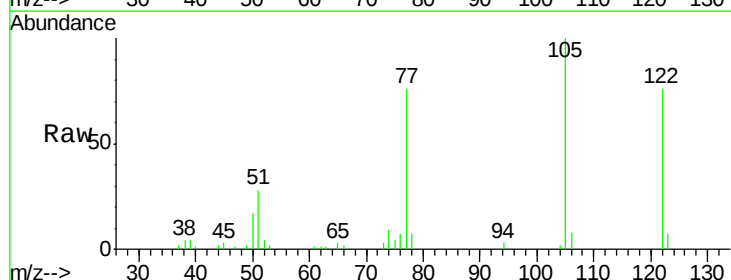
RT: 9.69 min Scan# 1139

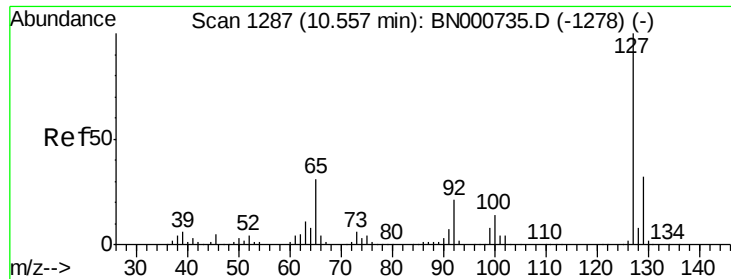
Delta R.T. -0.06 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Tgt Ion:	122	Resp:	89767
Ion Ratio	Lower	Upper	
122	100		
105	131.5	123.5	163.5
77	100.5	85.7	125.7





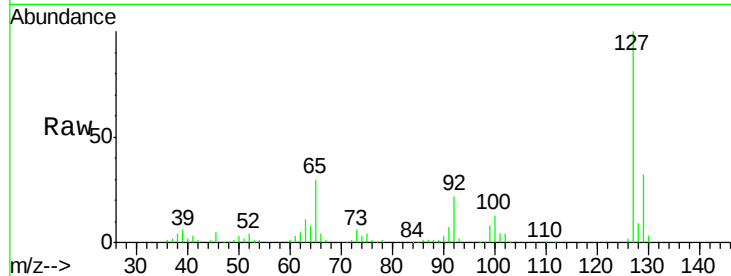
#33
4-Chloroaniline
Concen: 19.186 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

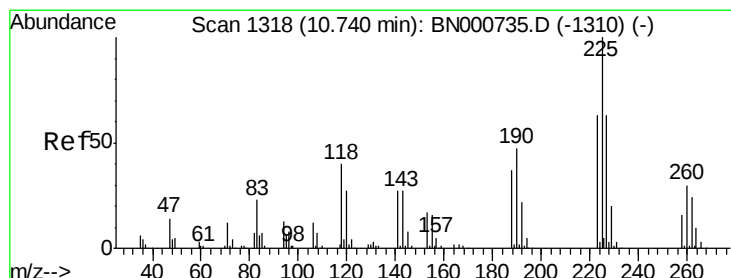
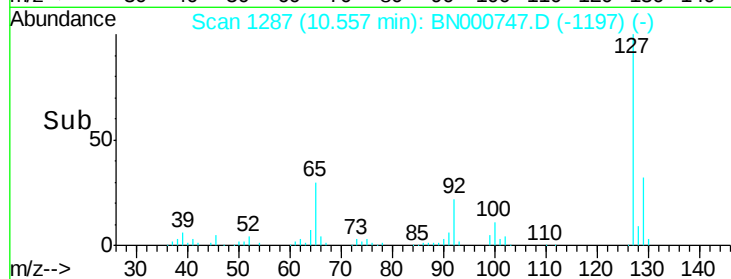
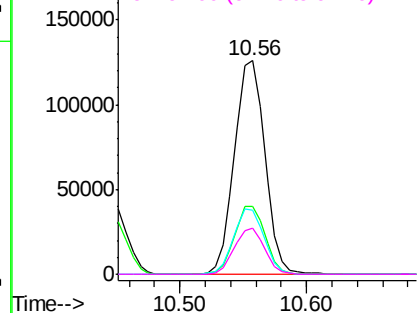
Tot Ion	Ratio	Resp	Lower	Upper
127	100	210344		
129	32.0	24.0	36.0	
65	29.9	27.0	40.4	
92	21.7	16.6	25.0	

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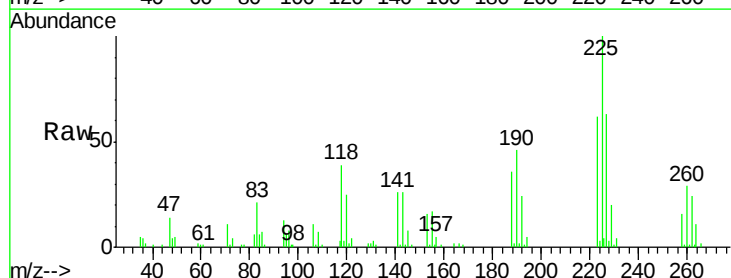


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

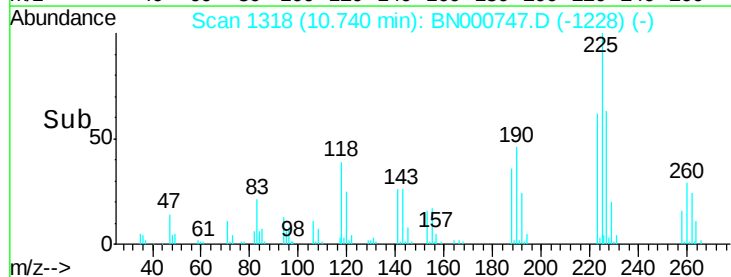
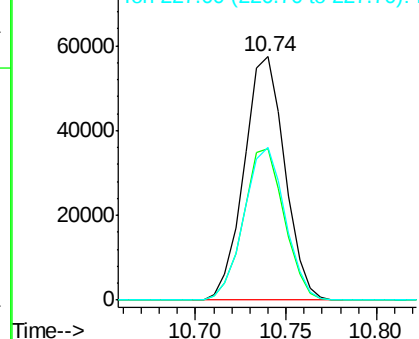


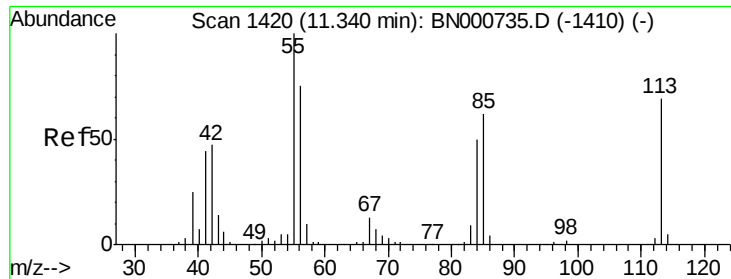
#34
Hexachlorobutadiene
Concen: 20.262 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89738		
223	62.1	49.7	74.5	
227	62.8	48.1	72.1	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 17.017 ng

RT: 11.30 min Scan# 1414

Delta R.T. -0.04 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

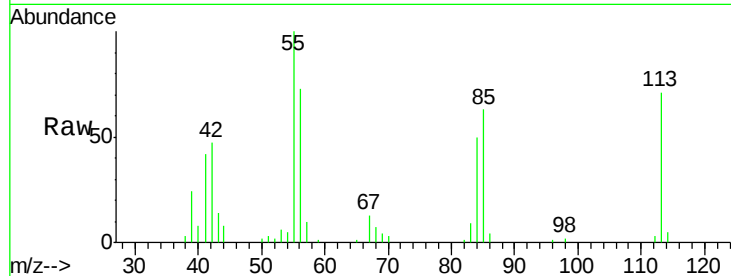
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	113	Resp:	39831
Ion Ratio	Lower	Upper	
113	100		
55	141.5	120.0	160.0
56	102.9	90.0	130.0

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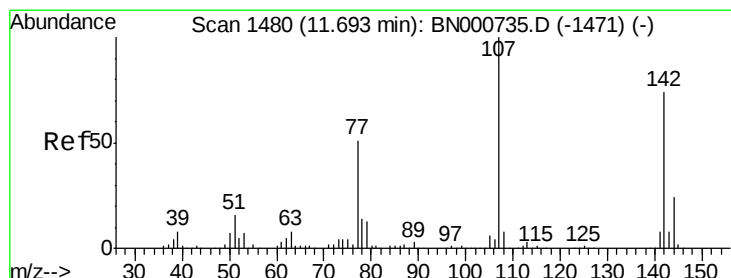
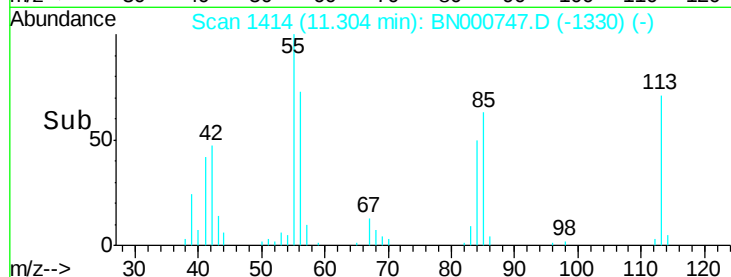
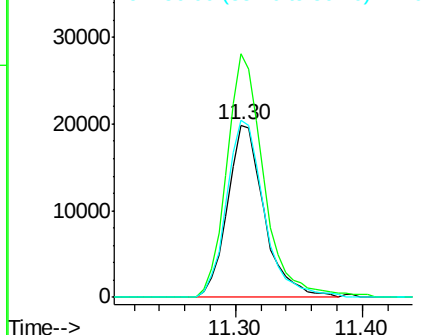
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 18.861 ng

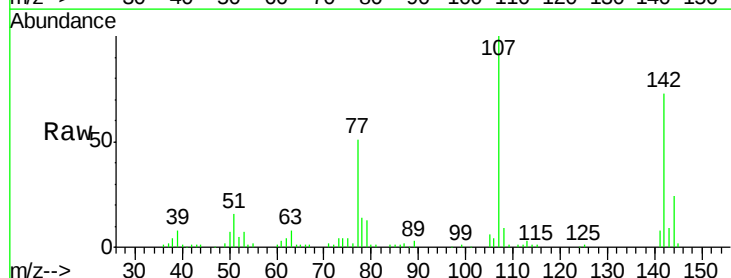
RT: 11.68 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

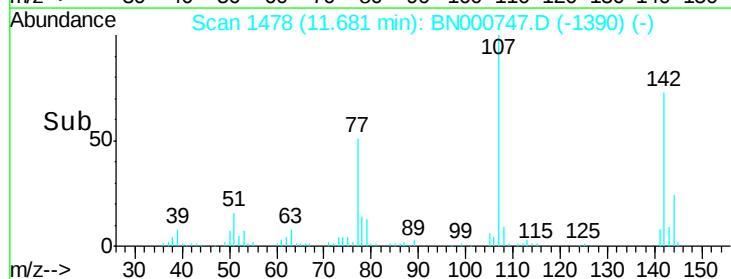
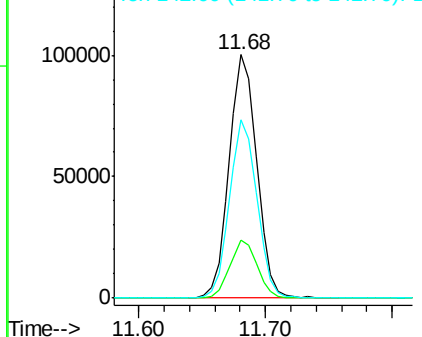
Tgt Ion:	107	Resp:	150656
Ion Ratio	Lower	Upper	
107	100		
144	23.9	18.2	27.4
142	73.2	59.0	88.4

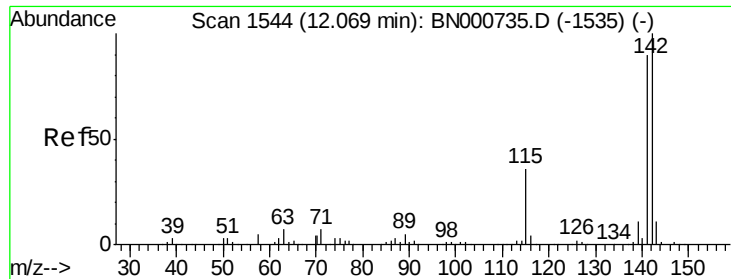


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





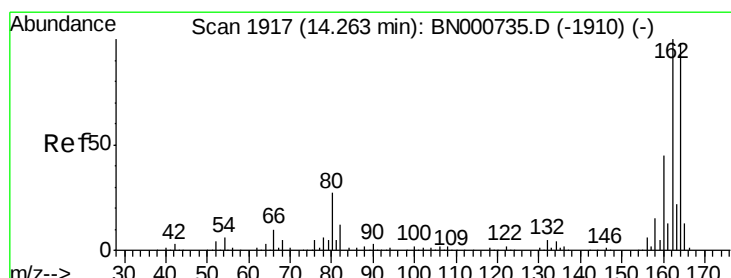
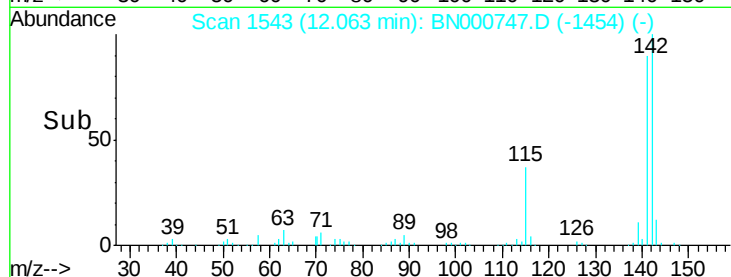
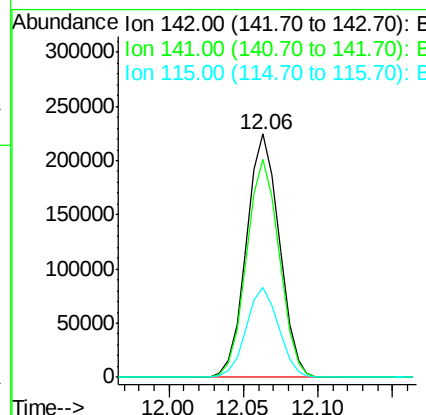
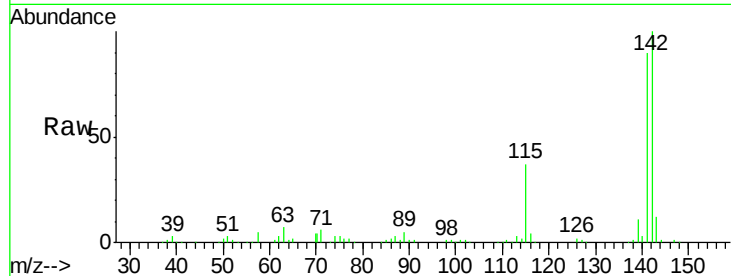
#37
2-Methylnaphthalene
Concen: 19.473 ng
RT: 12.06 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	67.1	100.7
115	37.0	30.7	46.1

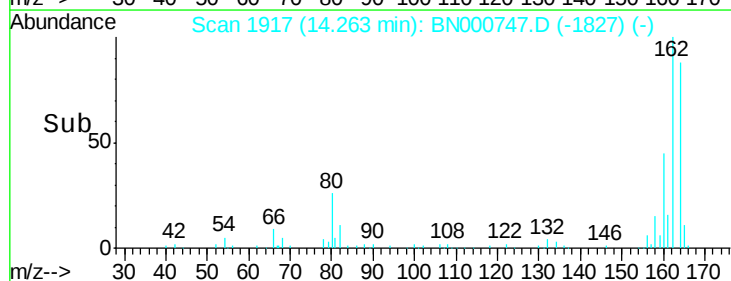
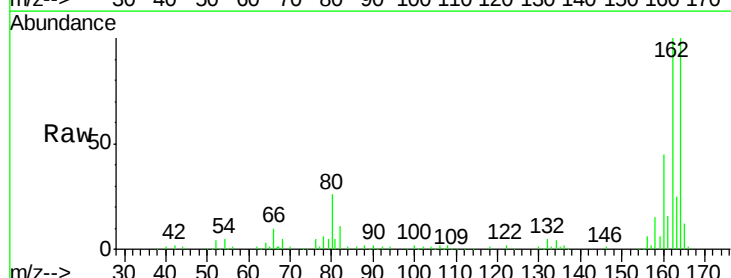
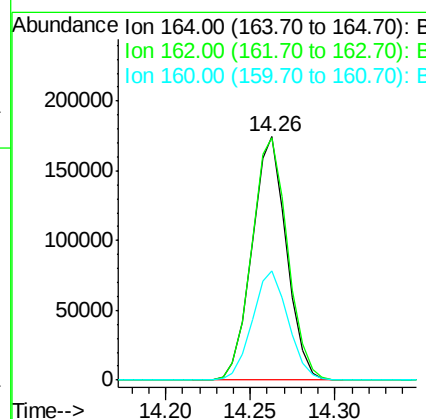
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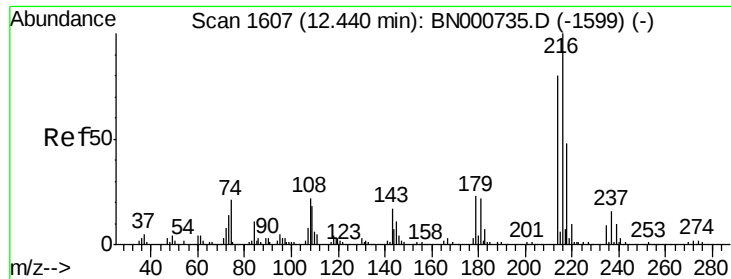
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.8	118.2
160	44.7	35.4	53.0





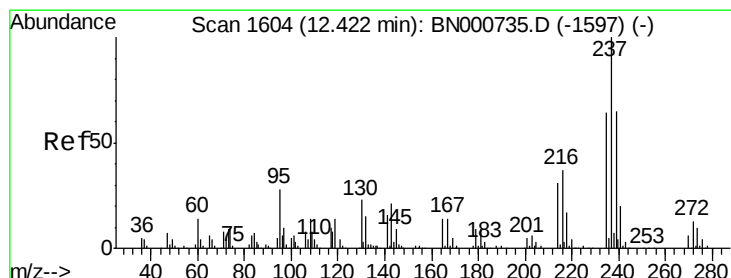
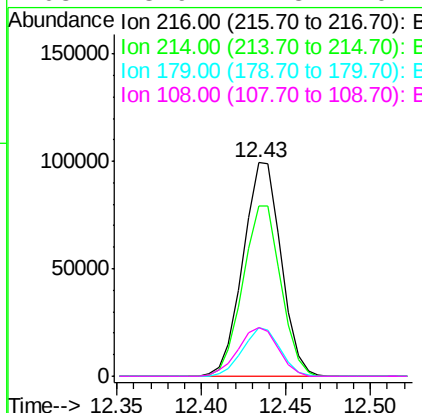
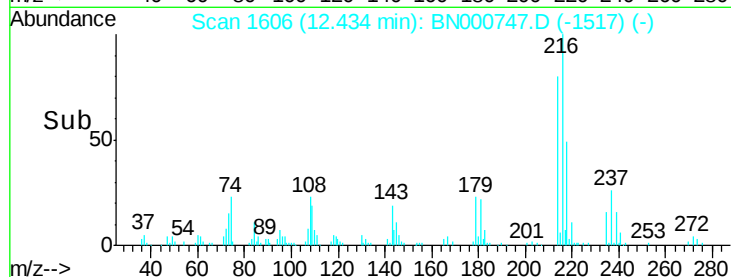
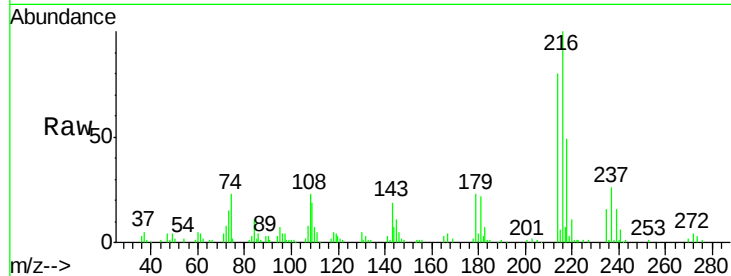
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.395 ng
 RT: 12.43 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.7	63.0	94.4
179	22.4	17.0	25.6
108	23.9	12.8	19.2

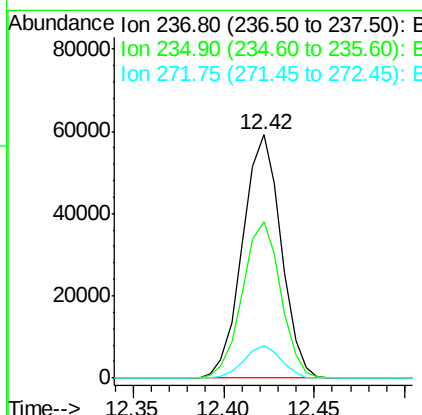
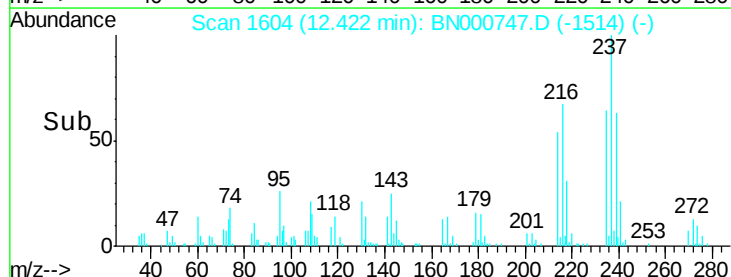
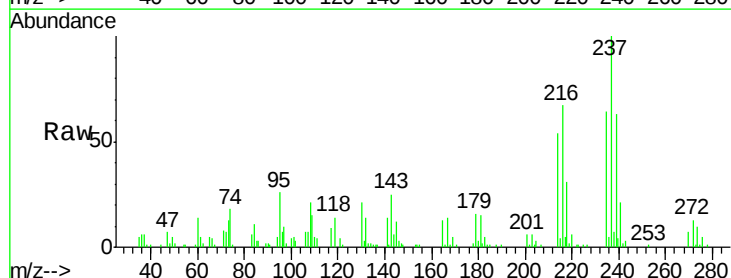
Manual Integrations
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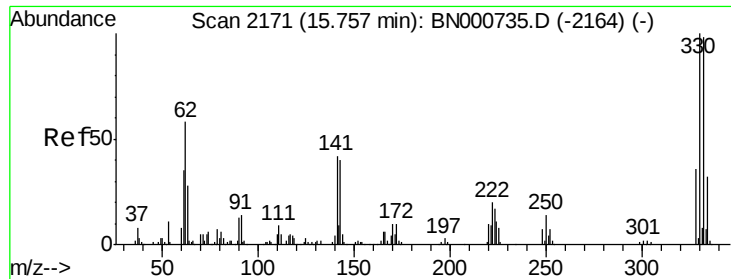
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#40
 Hexachlorocyclopentadiene
 Concen: 19.528 ng
 RT: 12.42 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	50.4	90.4
272	13.1	0.0	31.8





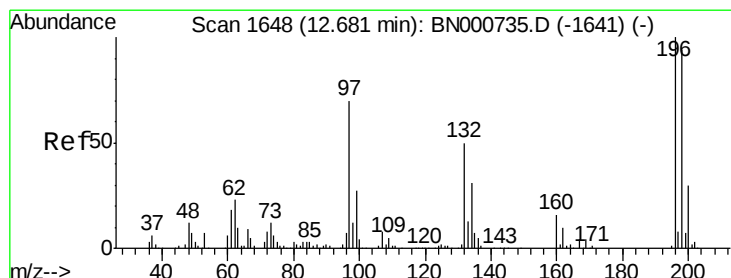
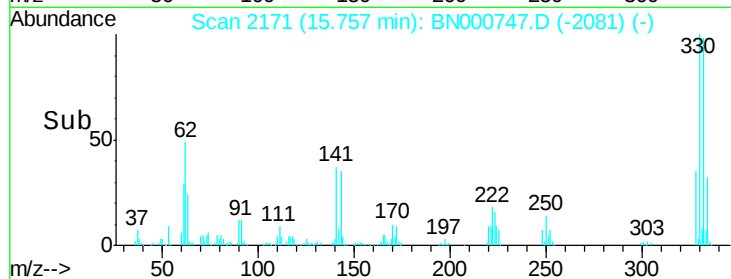
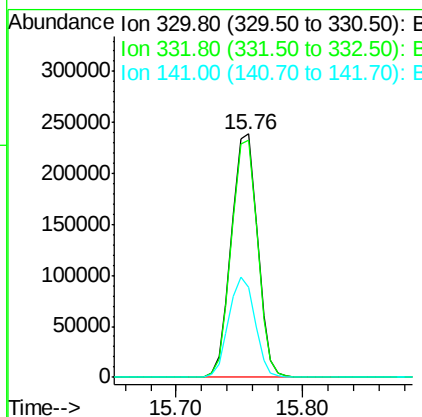
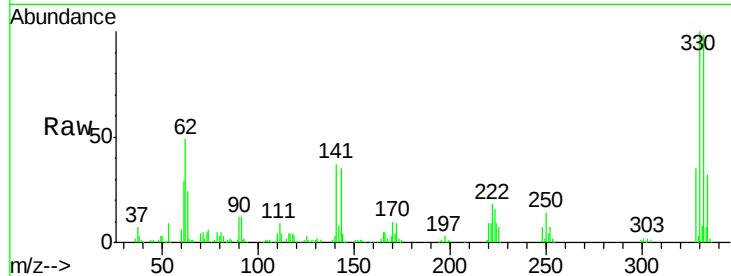
#41
 2,4,6-Tribromophenol
 Concen: 137.696 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	341094		
332	97.5	77.0	115.6	
141	41.2	25.2	37.8	

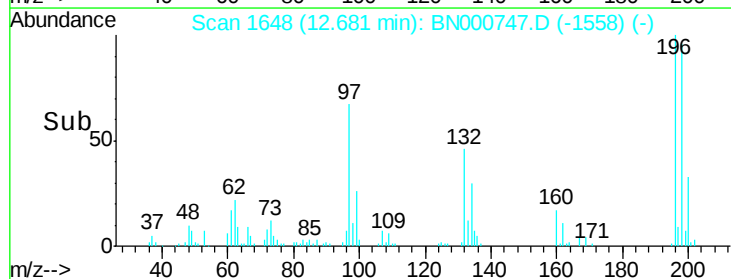
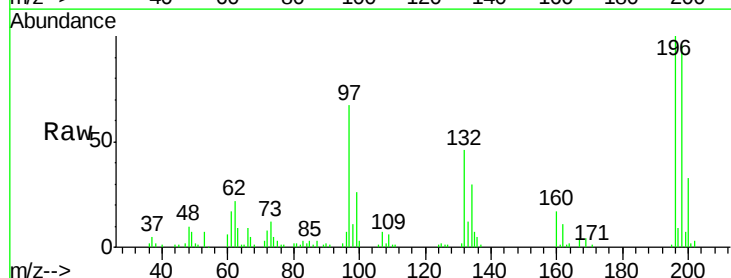
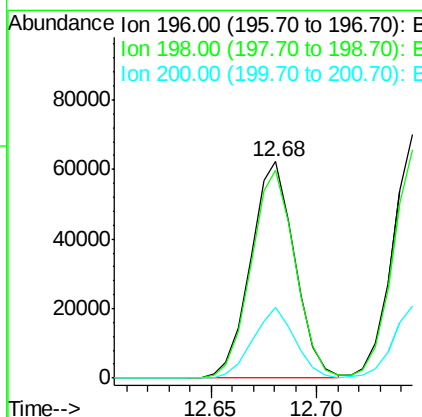
Manual Integrations
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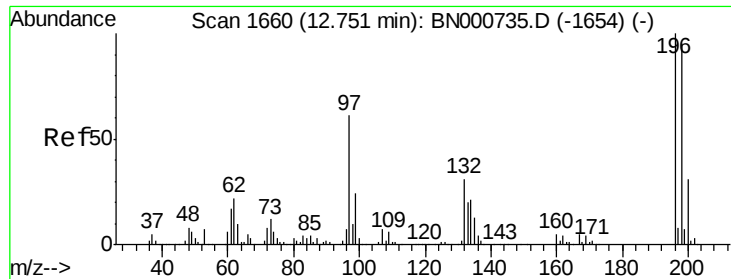
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#42
 2,4,6-Trichlorophenol
 Concen: 19.503 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90270		
198	95.7	78.2	117.2	
200	32.6	24.6	36.8	





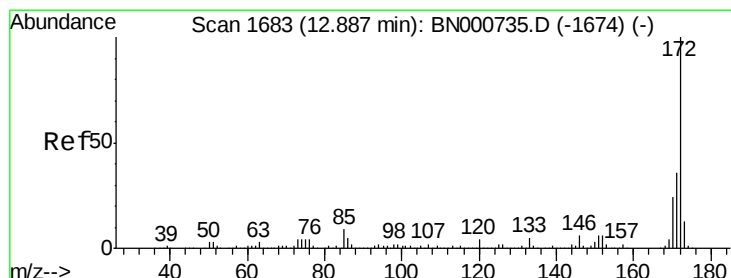
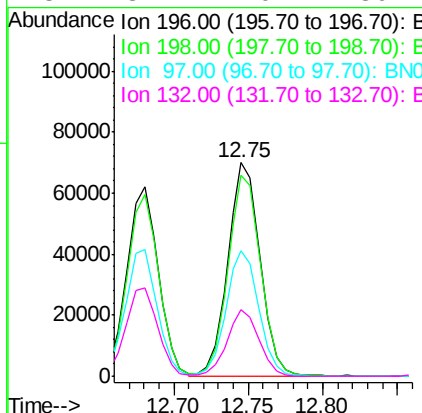
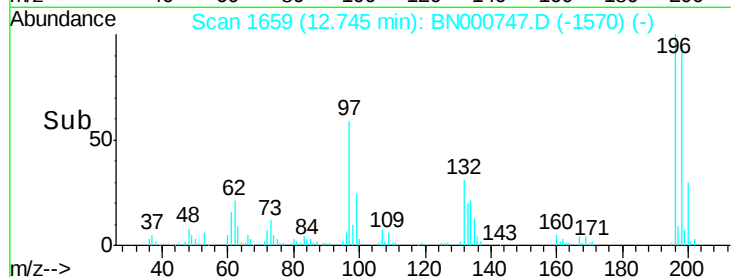
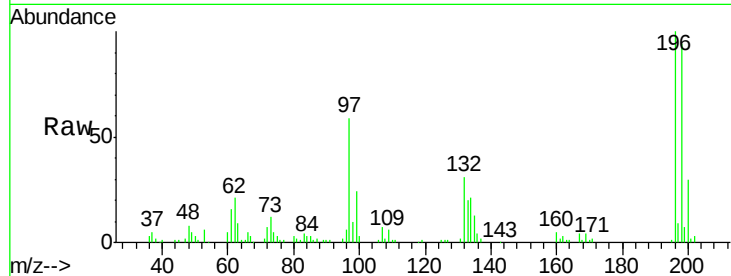
#43
 2,4,5-Trichlorophenol
 Concen: 19.894 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

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

Tot Ion:	196	Resp:	106349
Ion Ratio	Lower	Upper	
196	100		
198	94.0	76.2	114.4
97	58.8	38.7	58.1#
132	31.1	20.2	30.2#

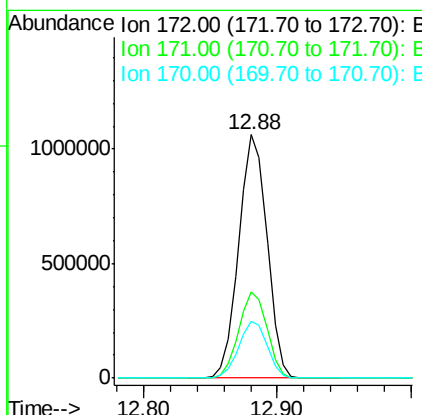
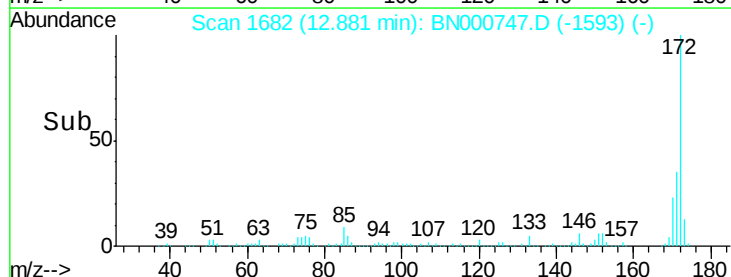
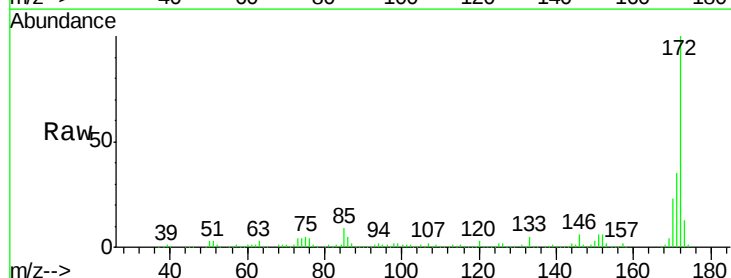
Manual Integrations
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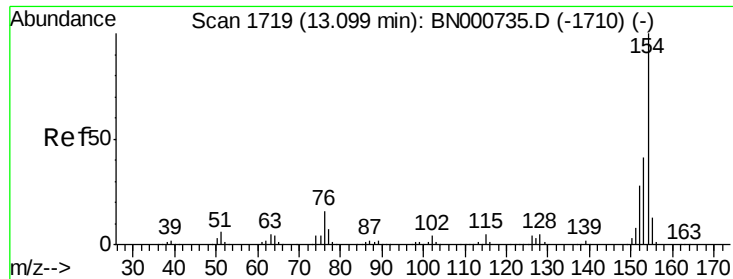
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#44
 2-Fluorobiphenyl
 Concen: 87.270 ng
 RT: 12.88 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

Tgt Ion:	172	Resp:	1555573
Ion Ratio	Lower	Upper	
172	100		
171	35.4	30.0	45.0
170	23.2	19.5	29.3





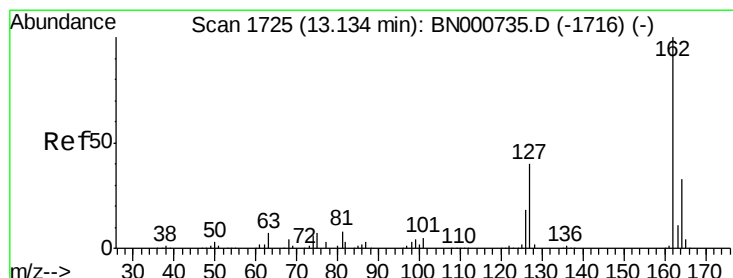
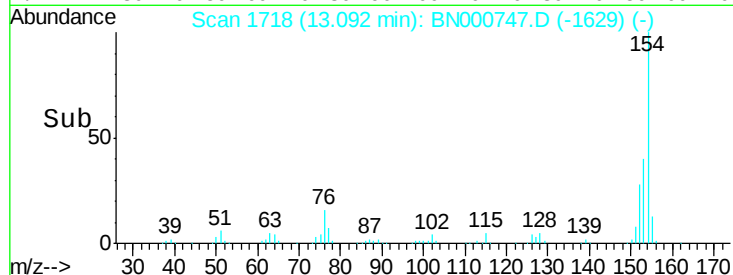
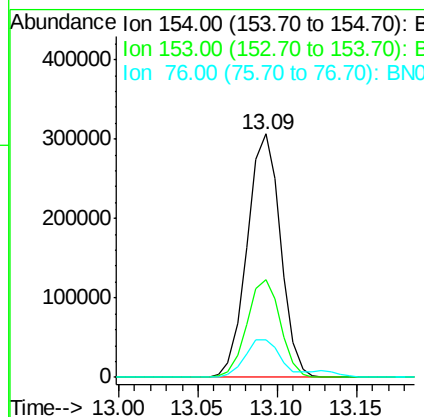
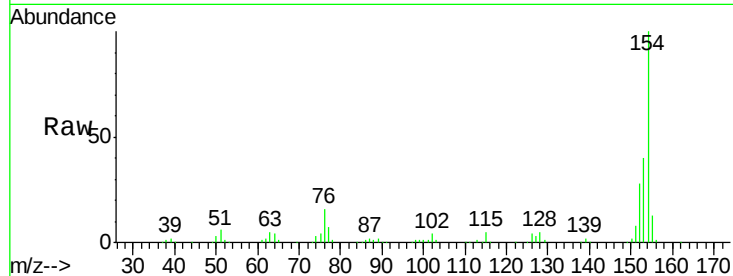
#45
1,1'-Biphenyl
Concen: 20.331 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.8	59.8
76	15.7	0.0	31.9

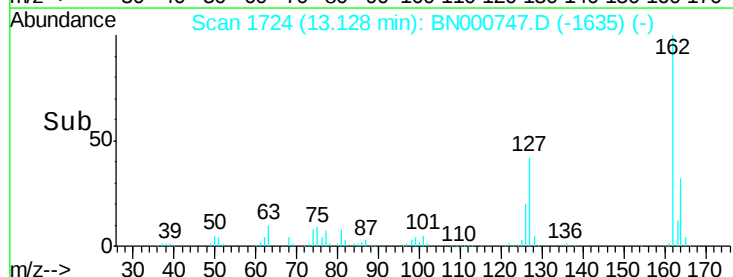
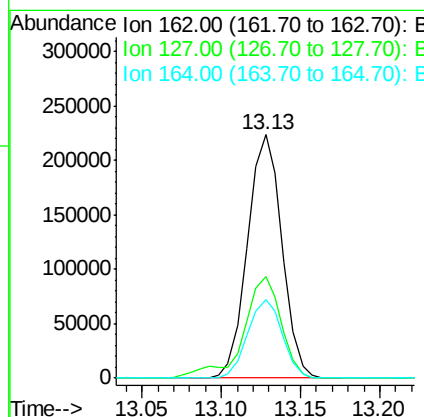
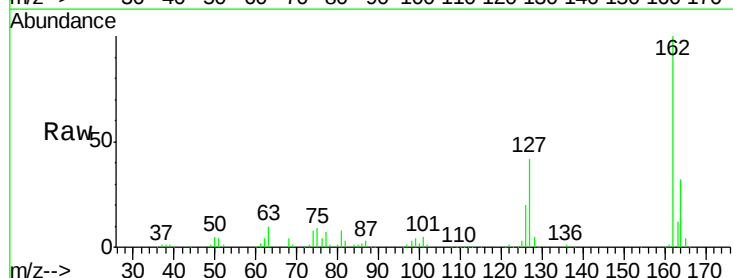
Manual Integrations
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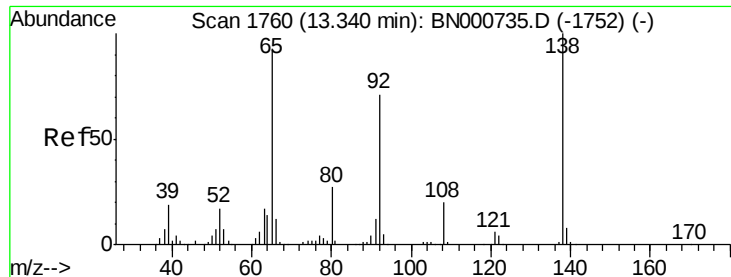
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#46
2-Chloronaphthalene
Concen: 20.386 ng
RT: 13.13 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	30.7	46.1
164	32.4	26.0	39.0





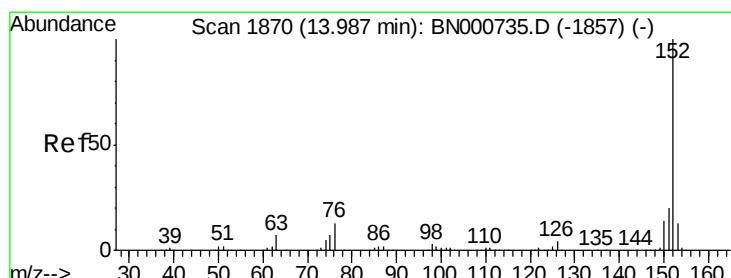
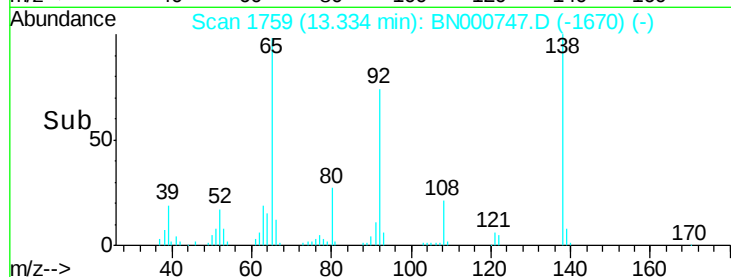
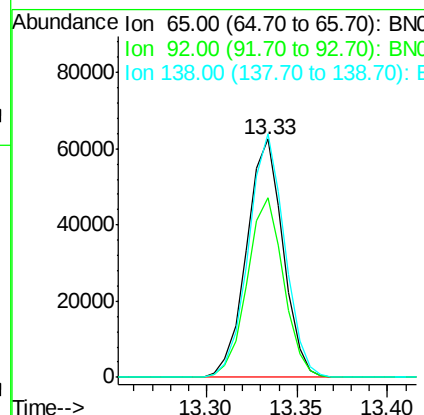
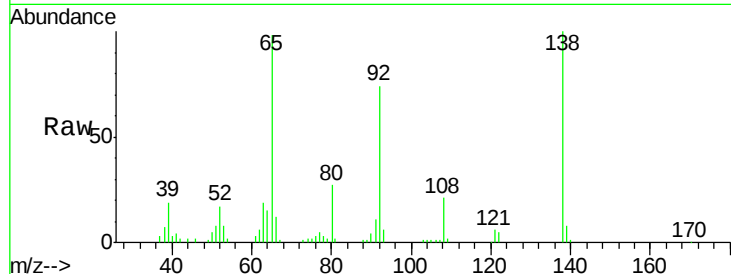
#47
2-Nitroaniline
Concen: 18.241 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.5	54.6	82.0
138	102.3	72.9	109.3

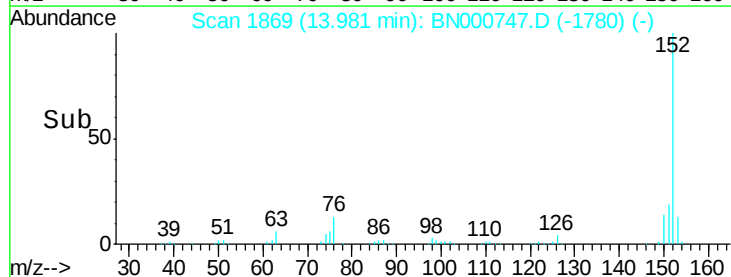
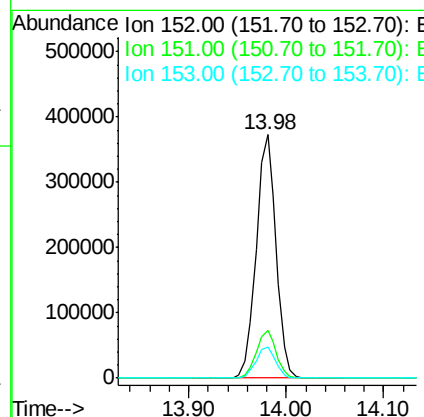
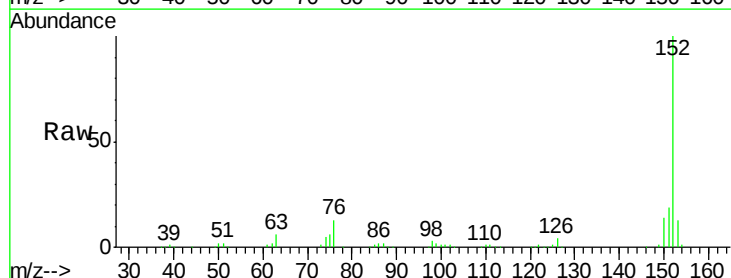
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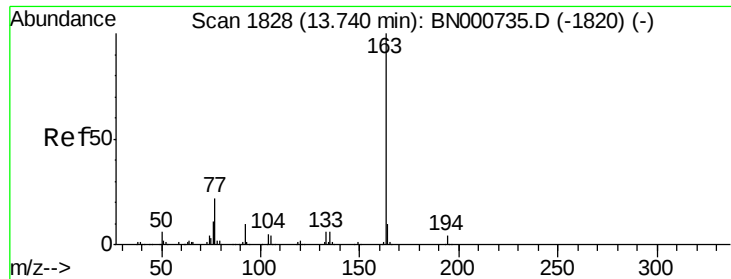
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4/19/2018 5:43:03 PM



#48
Acenaphthylene
Concen: 20.396 ng
RT: 13.98 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.2	25.8
153	13.0	10.2	15.4





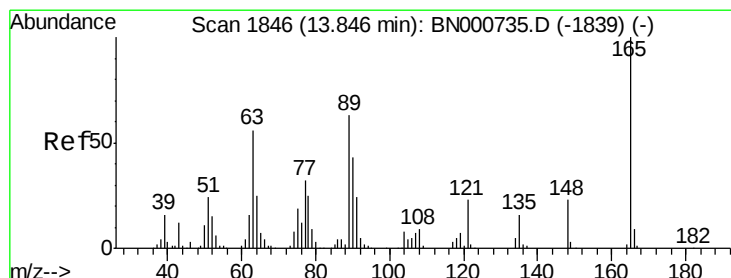
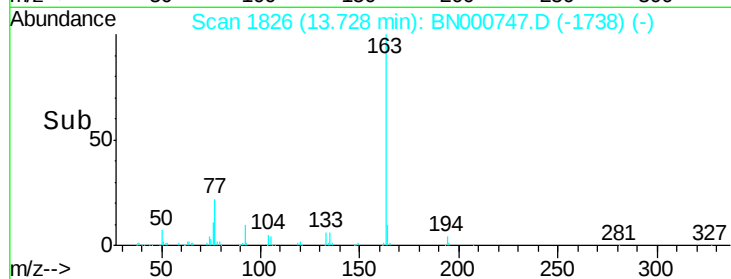
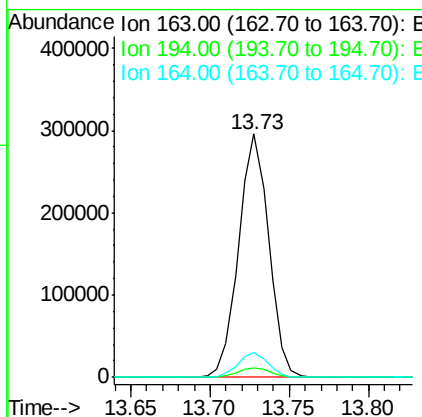
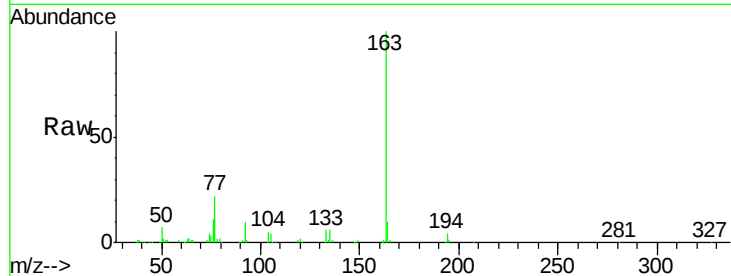
#49
Dimethylphthalate
Concen: 19.779 ng
RT: 13.73 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion:	163	Resp:	388941
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.2
164	10.1	8.2	12.4

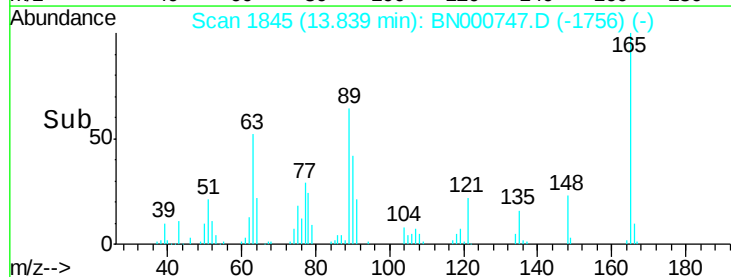
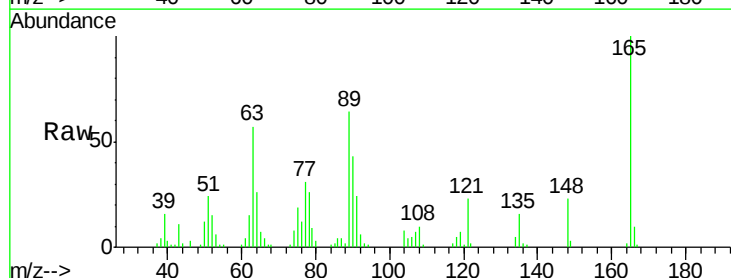
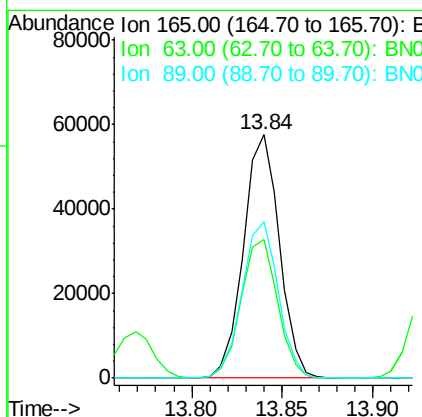
Manual Integrations
APPROVED

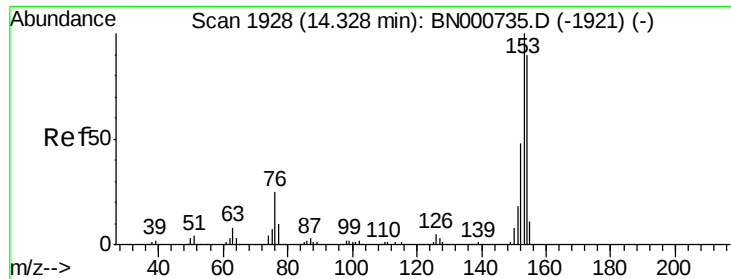
Sohil
4/19/2018 5:43:03 PM



#50
2,6-Dinitrotoluene
Concen: 19.045 ng
RT: 13.84 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion:	165	Resp:	79322
Ion Ratio	Lower	Upper	
165	100		
63	57.1	52.7	79.1
89	64.4	49.2	73.8





#51

Acenaphthene

Concen: 20.102 ng

RT: 14.33 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:154 Resp: 320772

Ion Ratio Lower Upper

154 100

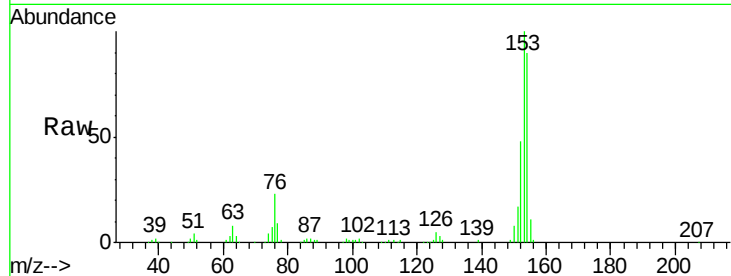
153 111.7 90.4 135.6

152 53.3 41.6 62.4

Manual Integrations
APPROVED

Sohil

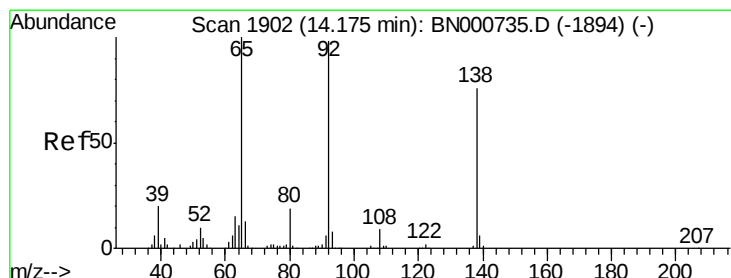
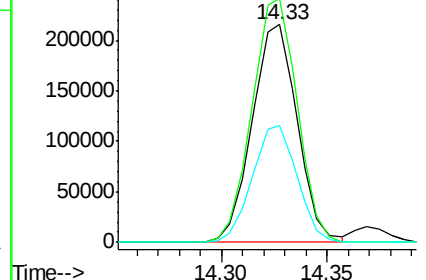
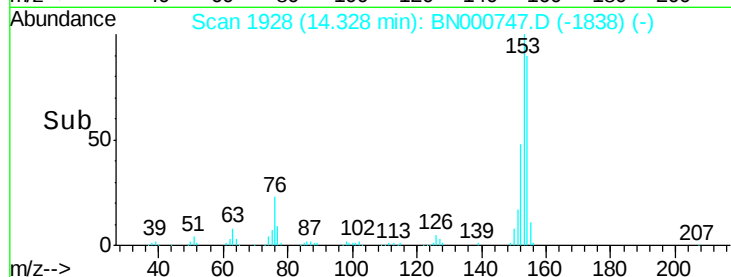
4/19/2018 5:43:03 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.546 ng

RT: 14.16 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

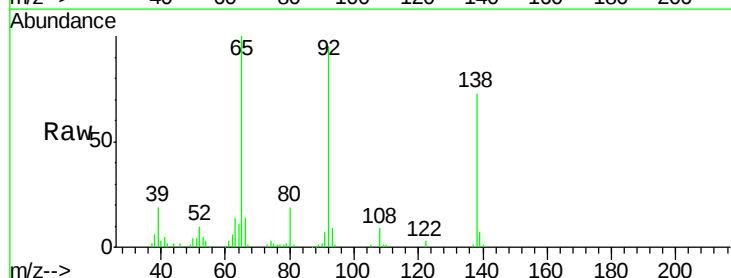
Tgt Ion:138 Resp: 87915

Ion Ratio Lower Upper

138 100

108 12.0 17.5 26.3#

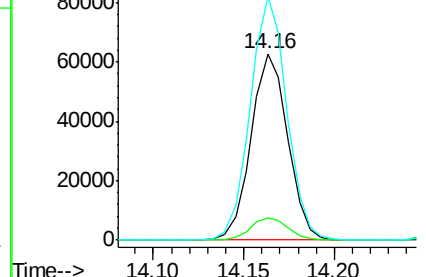
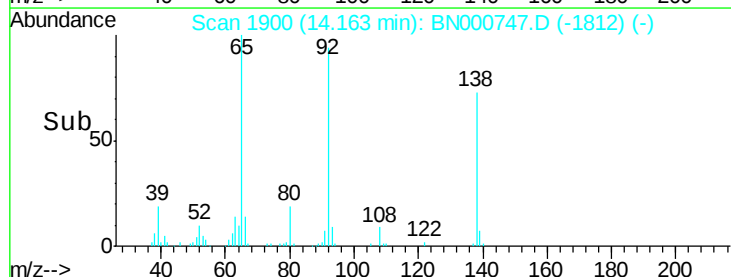
92 130.7 105.8 158.8

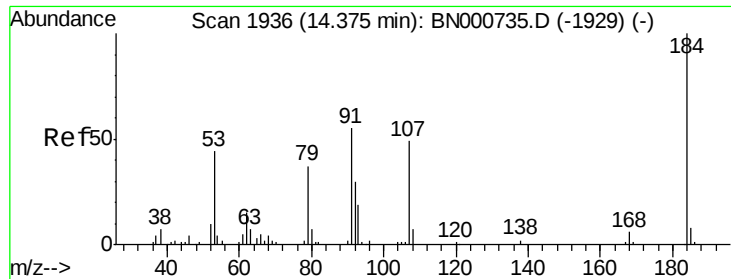


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





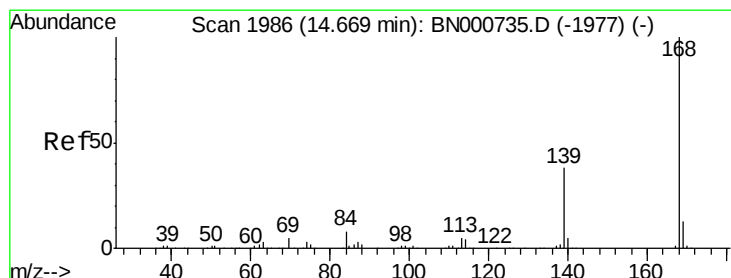
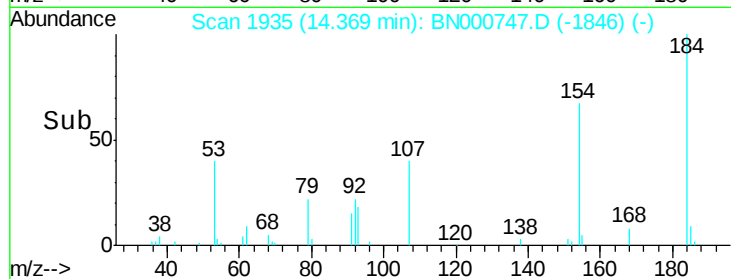
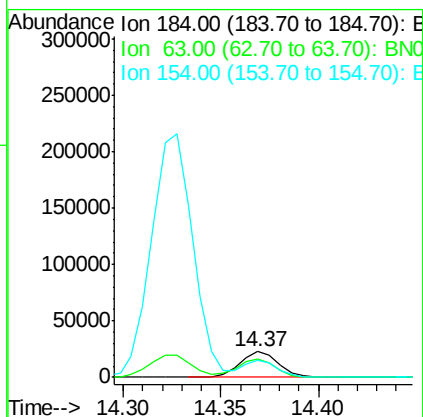
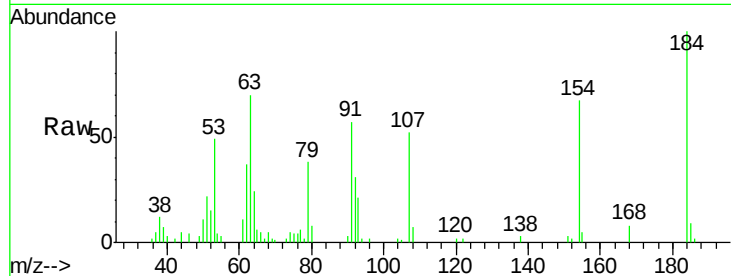
#53
2,4-Dinitrophenol
Concen: 18.947 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	30901		
63	70.4	56.0	84.0	
154	67.3	48.0	72.0	

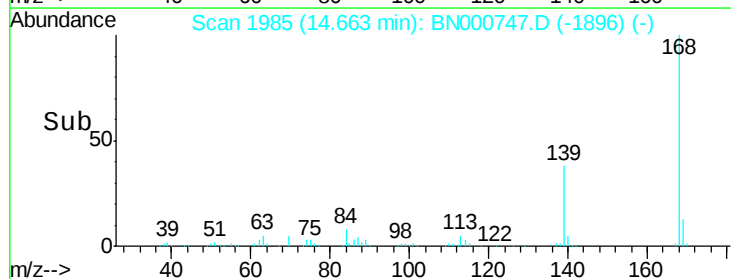
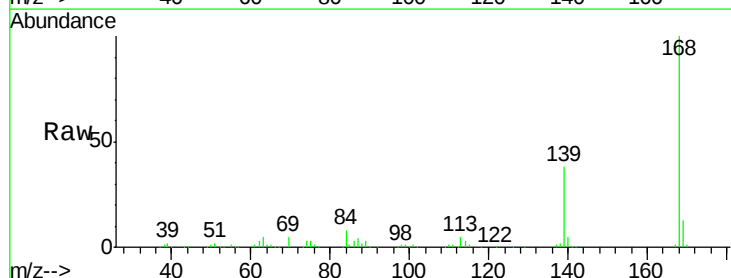
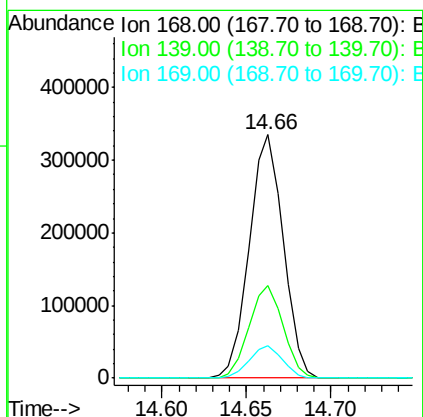
Manual Integrations
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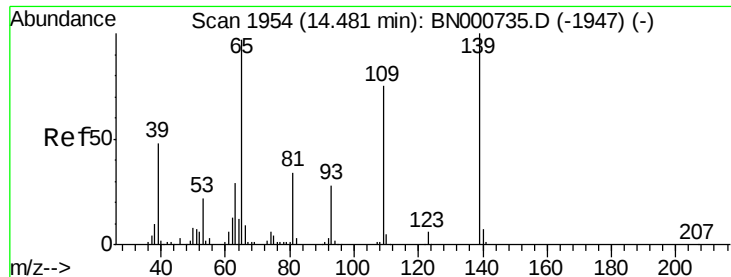
Sohil
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#54
Dibenzofuran
Concen: 20.249 ng
RT: 14.66 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	470331		
139	37.8	28.6	43.0	
169	13.3	11.2	16.8	





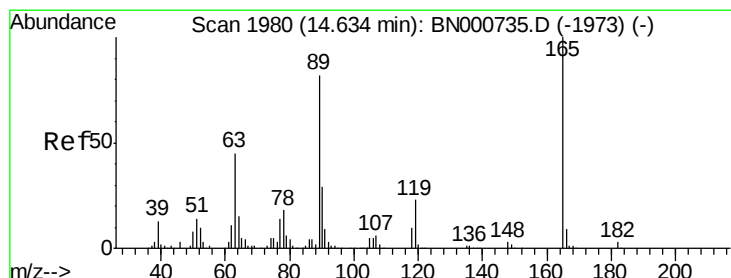
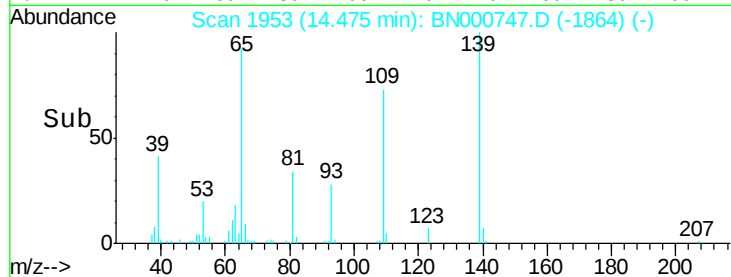
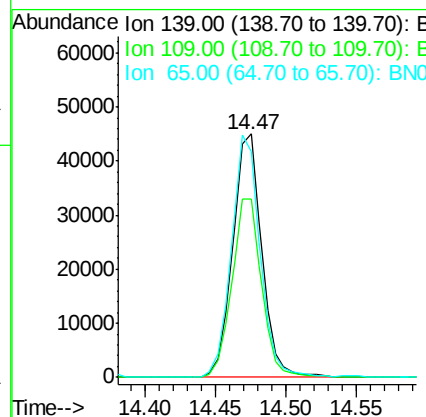
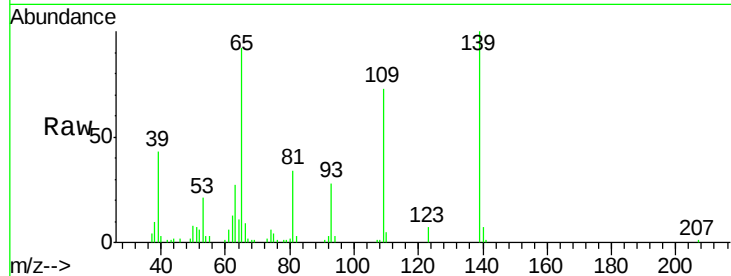
#55
4-Nitrophenol
Concen: 18.290 ng
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	73.4	62.2	102.2
65	92.5	97.2	137.2#

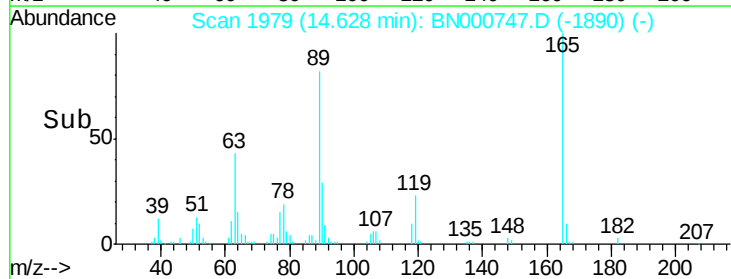
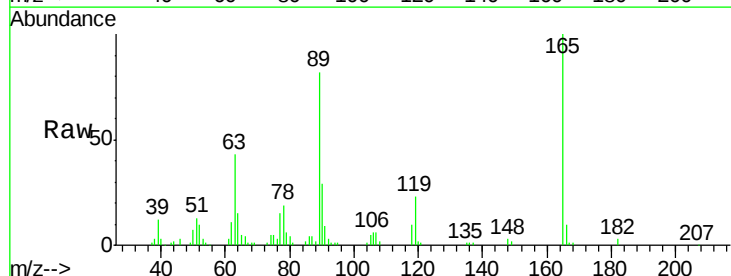
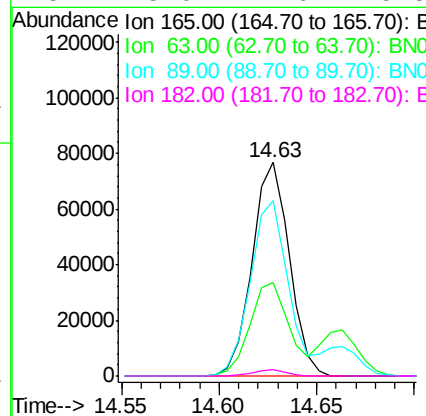
Manual Integrations
APPROVED

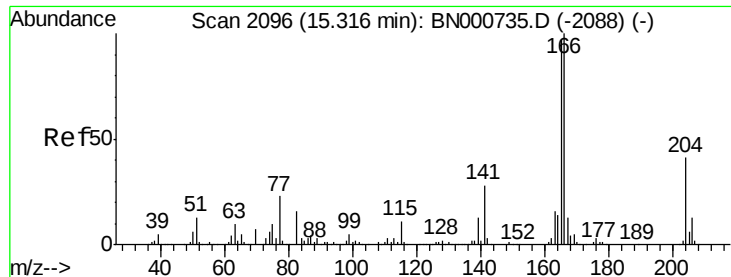
Sohil
4/19/2018 5:43:03 PM



#56
2,4-Dinitrotoluene
Concen: 18.525 ng
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.5	42.0	63.0
89	81.9	66.9	100.3
182	3.0	2.6	3.8





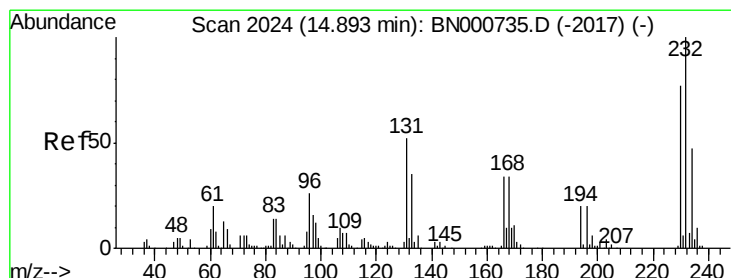
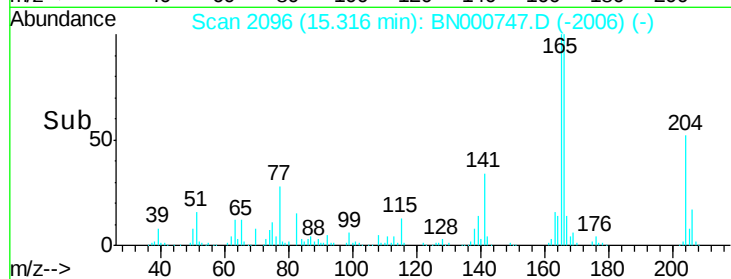
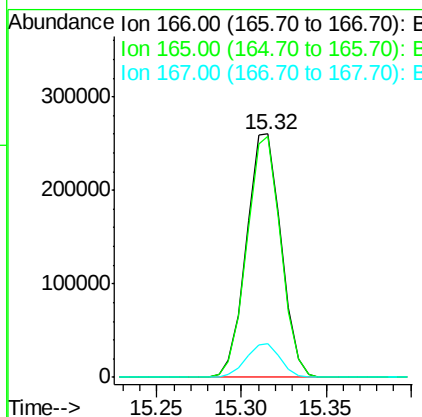
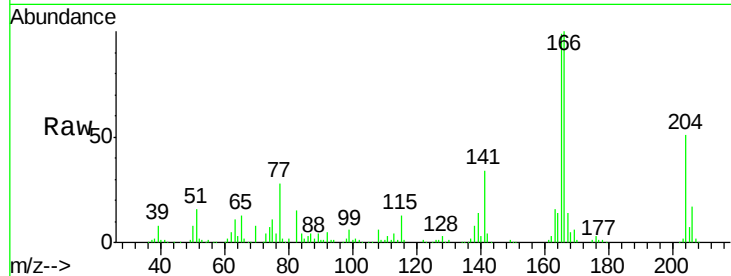
#57
 Fluorene
 Concen: 20.186 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Resp	Lower	Upper
166	100	370671		
165	99.0	80.6	121.0	
167	13.7	10.4	15.6	

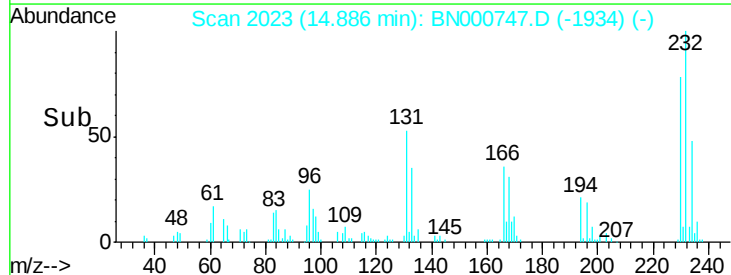
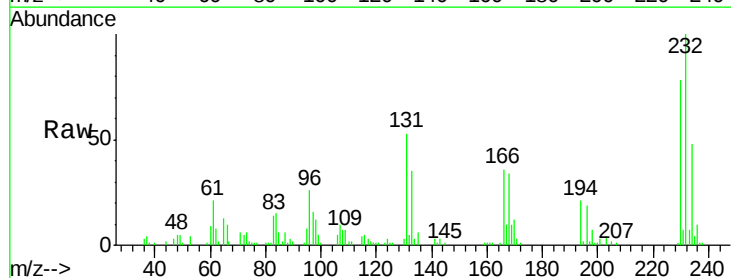
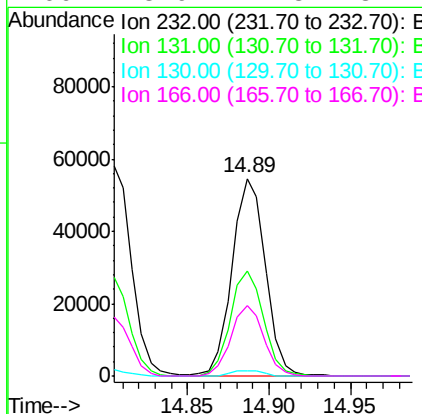
Manual Integrations
 APPROVED

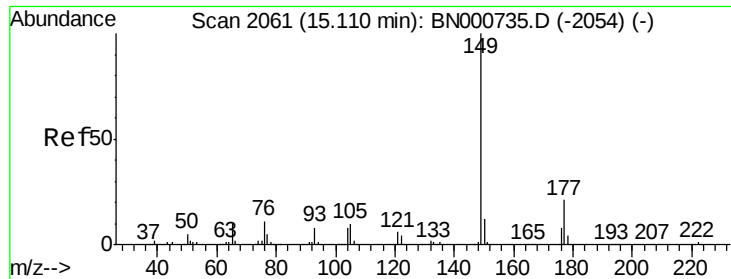
Sohil
 4/19/2018 5:43:03 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 18.953 ng m
 RT: 14.89 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	77883		
131	47.4	33.5	50.3	
130	2.6	2.2	3.2	
166	28.9	24.8	37.2	





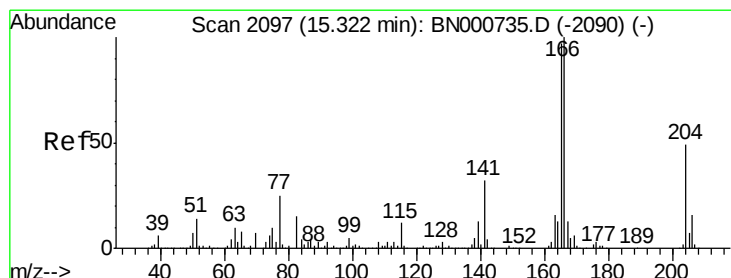
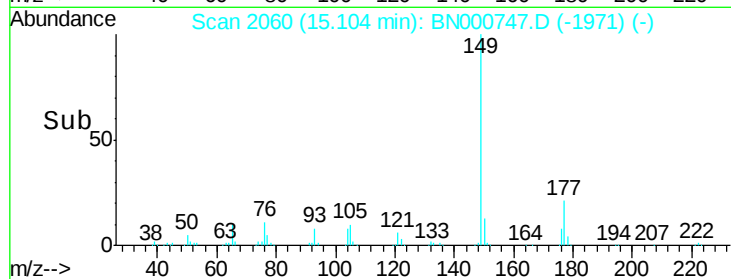
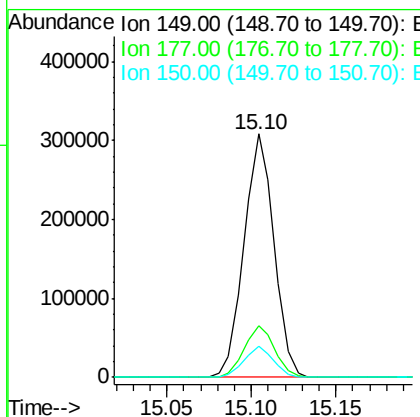
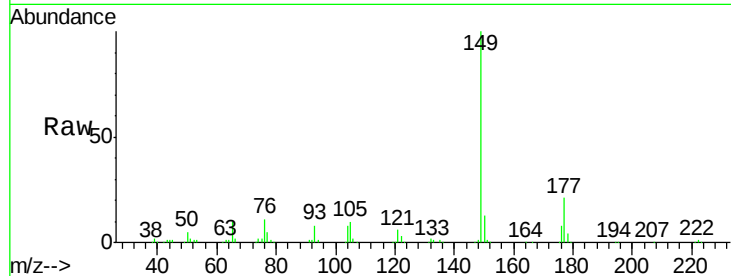
#59
Diethylphthalate
Concen: 19.570 ng
RT: 15.10 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	381398		
177	21.0	18.5	27.7	
150	12.6	10.2	15.2	

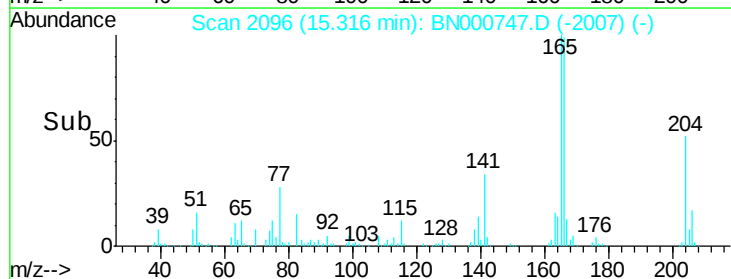
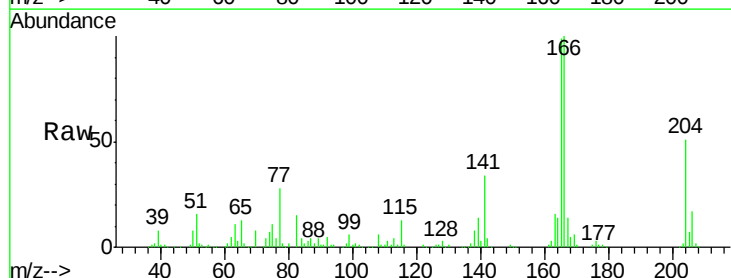
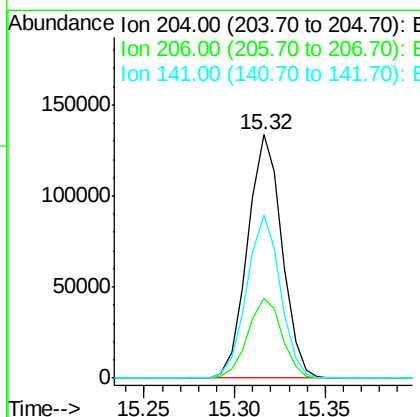
Manual Integrations
APPROVED

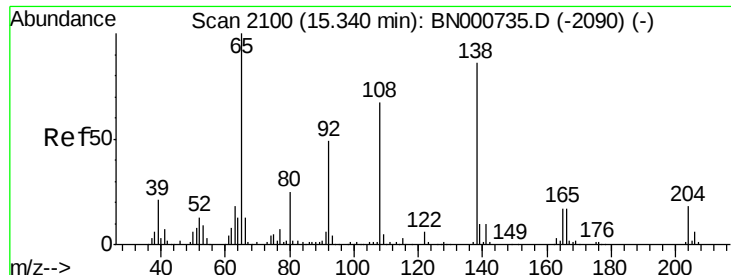
Sohil
4/19/2018 5:43:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 20.429 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	175356		
206	33.0	26.2	39.2	
141	66.7	45.8	68.6	





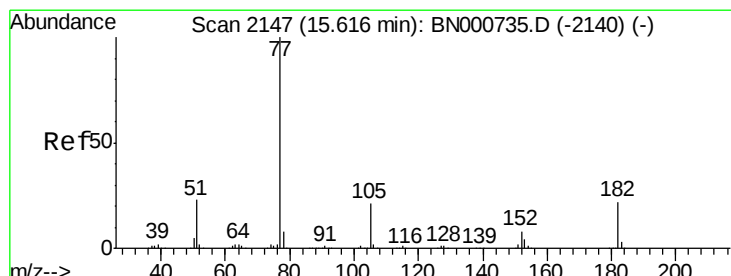
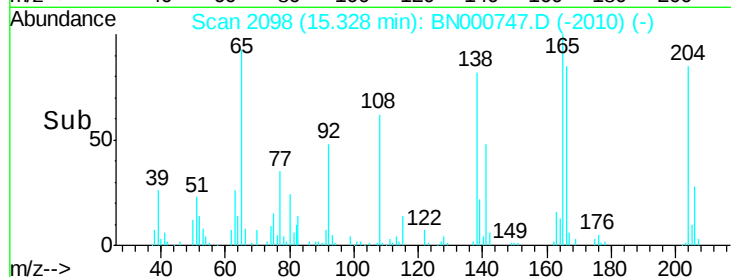
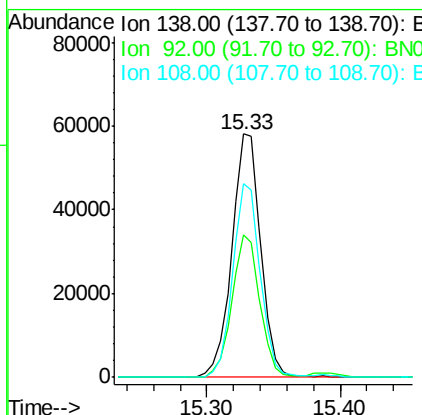
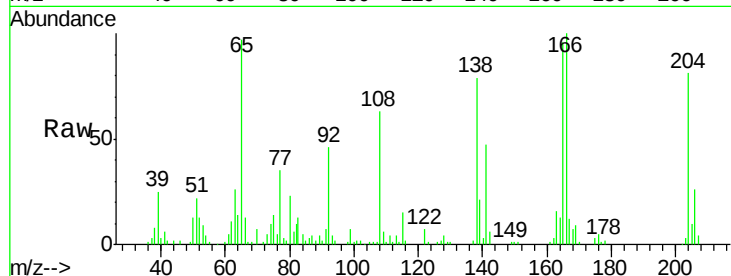
#61
4-Nitroaniline
Concen: 18.759 ng
RT: 15.33 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.5	40.1	80.1
108	79.7	65.4	105.4

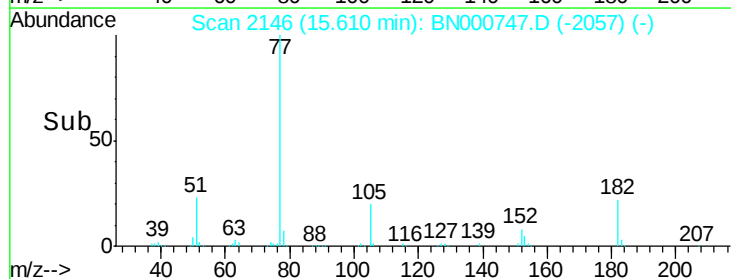
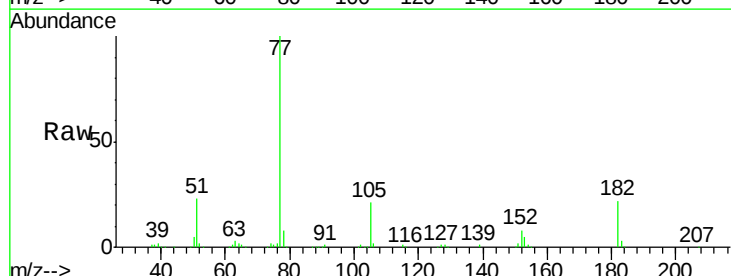
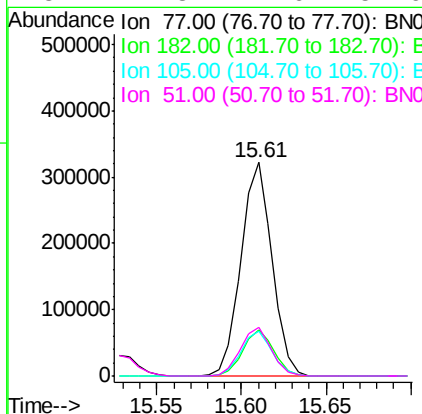
Manual Integrations
APPROVED

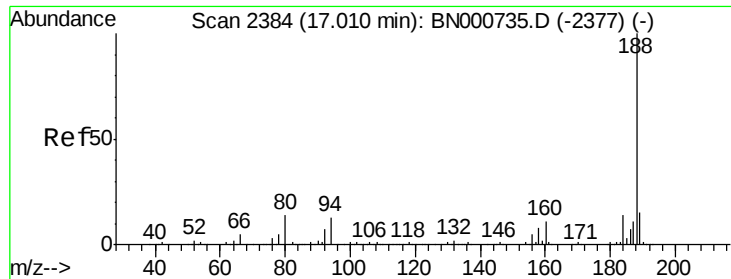
Sohil
4/19/2018 5:43:03 PM



#62
Azobenzene
Concen: 19.776 ng
RT: 15.61 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.6	7.4	47.4
105	21.0	0.3	40.3
51	22.8	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.01 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

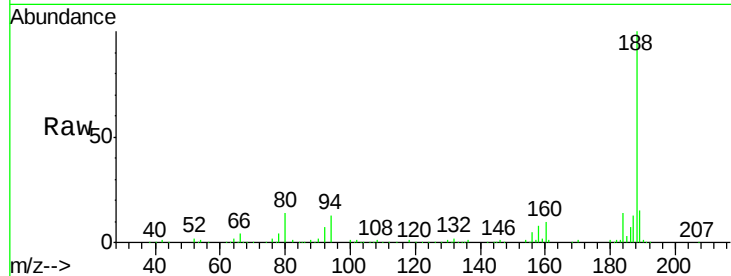
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:188	Resp:	480721
Ion Ratio	Lower	Upper
188 100		
94 12.5	6.9	10.3#
80 13.9	7.7	11.5#

Manual Integrations
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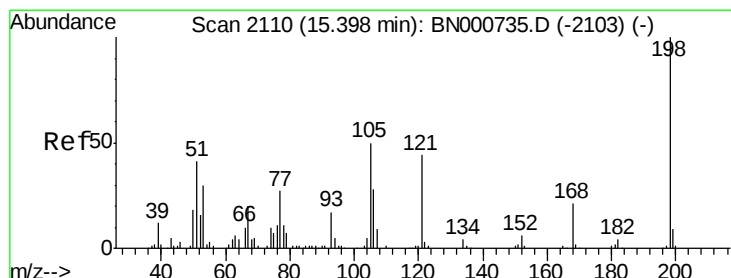
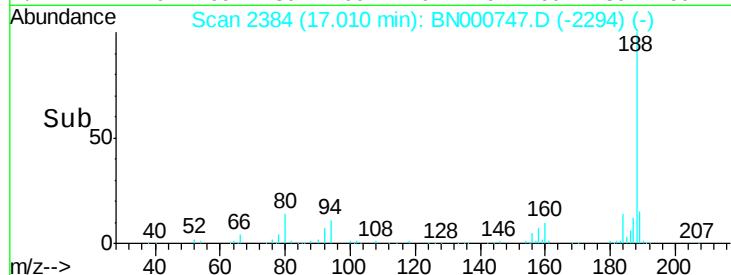
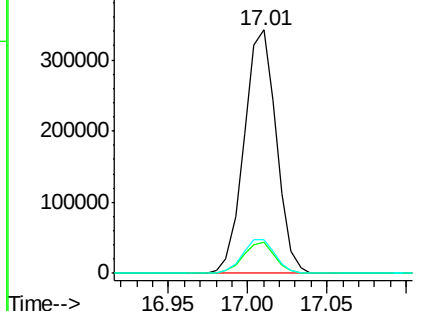
Sohil
4/19/2018 5:43:03 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 17.313 ng

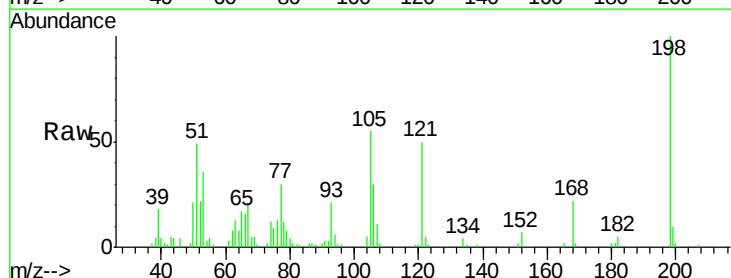
RT: 15.39 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

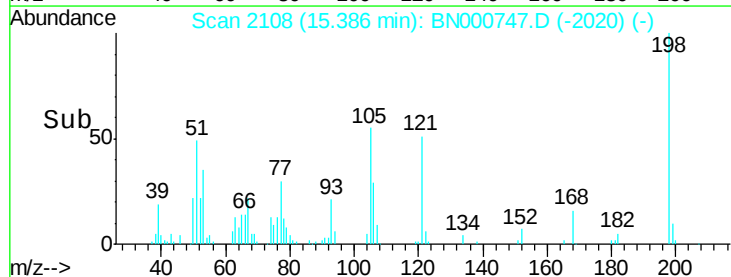
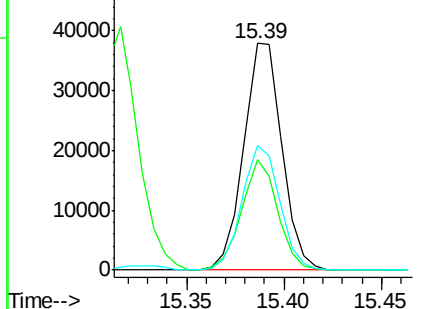
Tgt Ion:198	Resp:	51405
Ion Ratio	Lower	Upper
198 100		
51 48.9	30.6	70.6
105 54.8	23.8	63.8

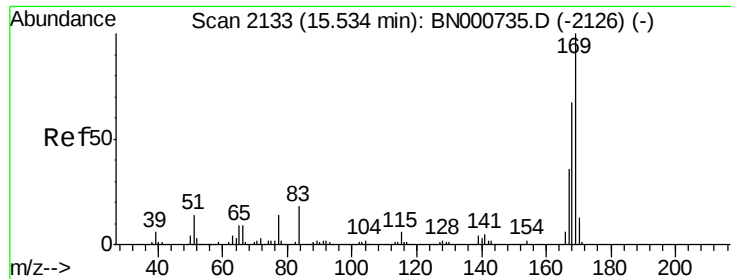


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 19.691 ng

RT: 15.53 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:169 Resp: 317809

Ion Ratio Lower Upper

169 100

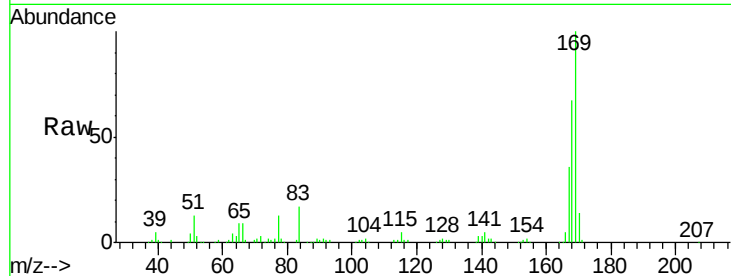
168 66.5 55.7 83.5

167 35.6 30.1 45.1

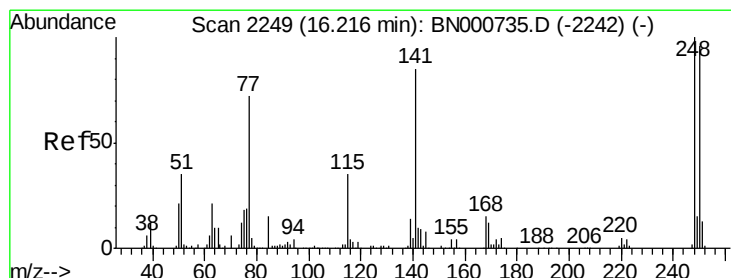
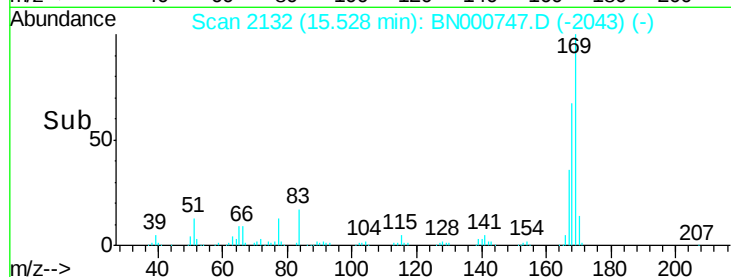
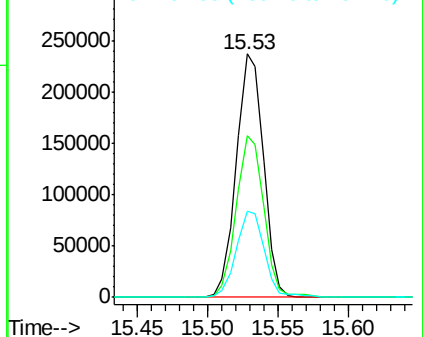
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 19.742 ng

RT: 16.21 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

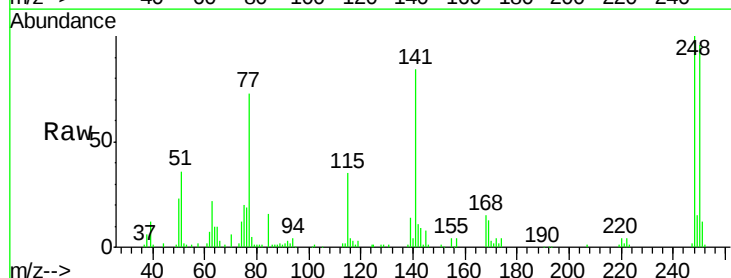
Tgt Ion:248 Resp: 96420

Ion Ratio Lower Upper

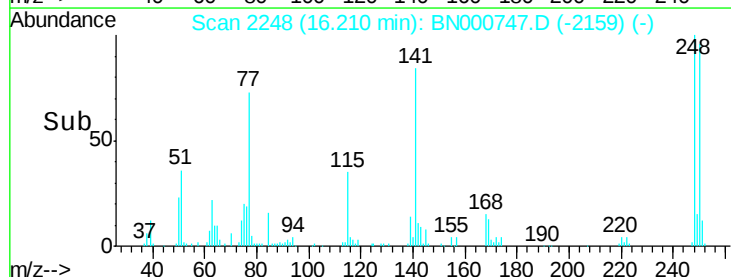
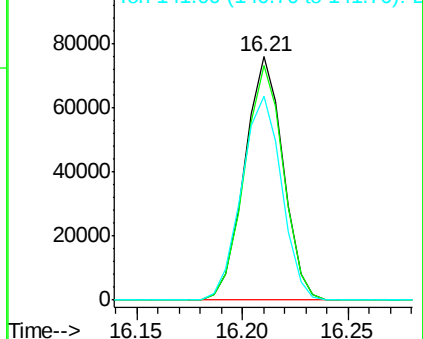
248 100

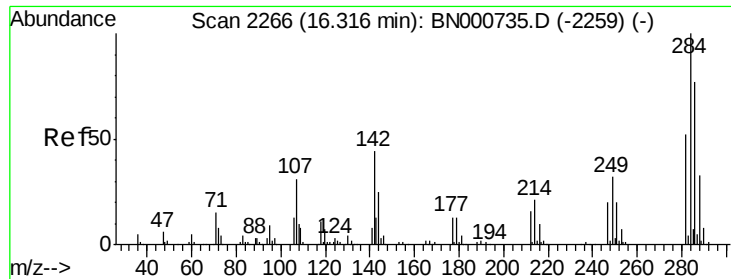
250 96.4 77.1 115.7

141 83.9 50.8 76.2#



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





#67

Hexachlorobenzene

Concen: 19.622 ng

RT: 16.32 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

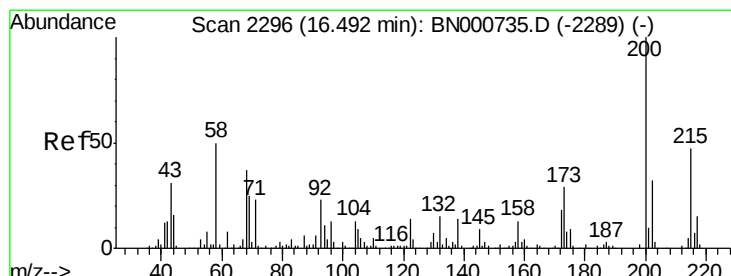
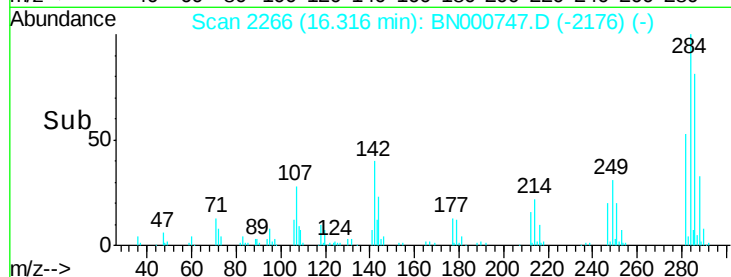
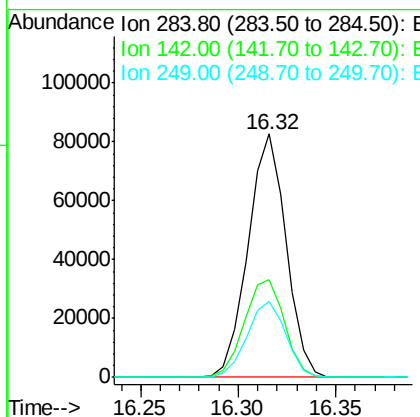
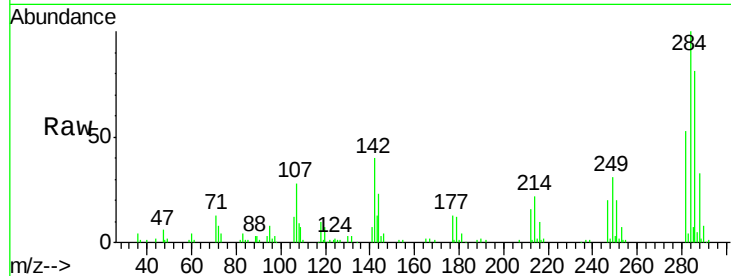
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	284	Resp:	110961
Ion Ratio	Lower	Upper	
284	100		
142	40.0	26.8	40.2
249	31.1	26.3	39.5

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#68

Atrazine

Concen: 13.990 ng

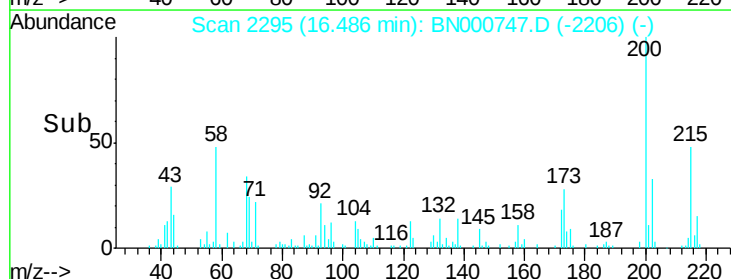
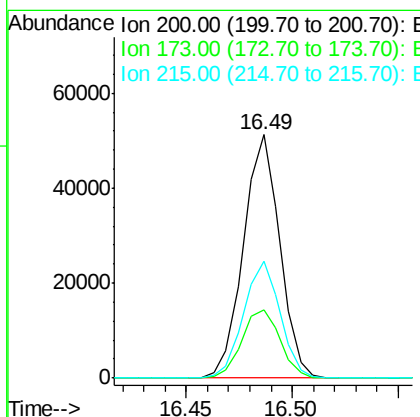
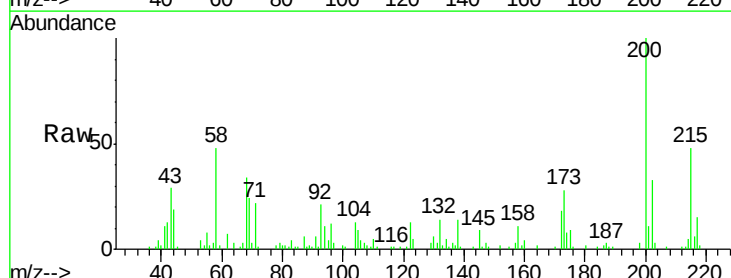
RT: 16.49 min Scan# 2295

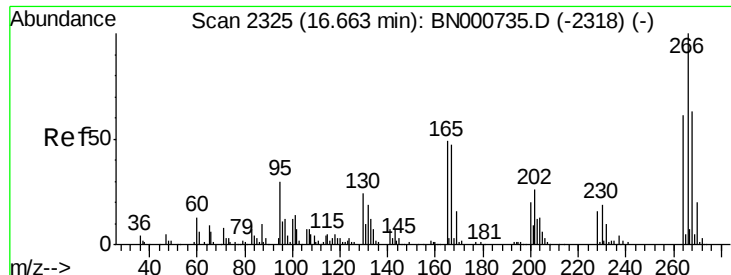
Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Tgt Ion:	200	Resp:	61170
Ion Ratio	Lower	Upper	
200	100		
173	28.0	5.2	45.2
215	48.0	30.4	70.4





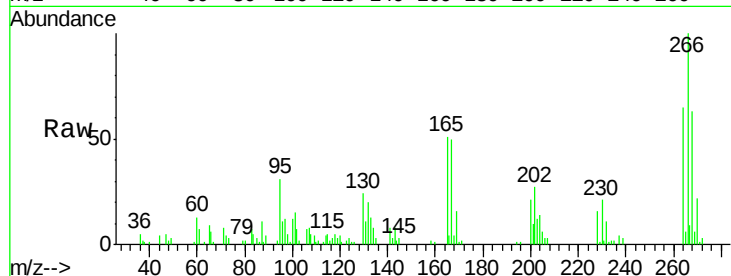
#69
 Pentachlorophenol
 Concen: 16.930 ng
 RT: 16.66 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	64.6	49.6	74.4

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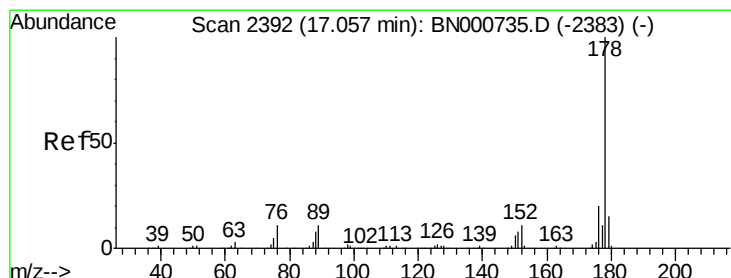
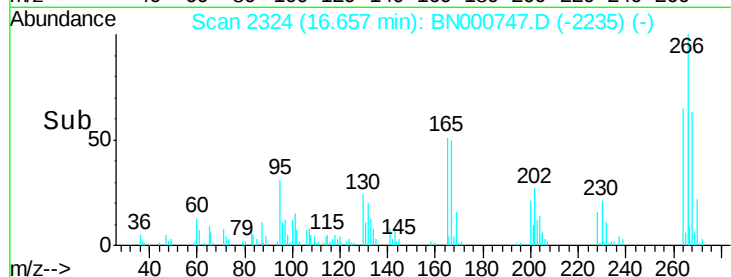
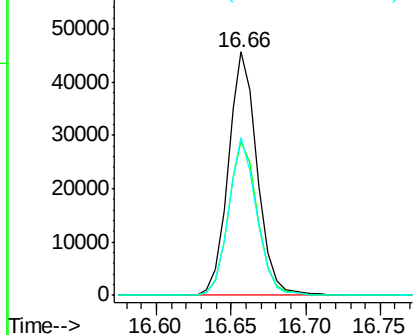


Abundance

Ion 265.70 (265.40 to 266.40): E

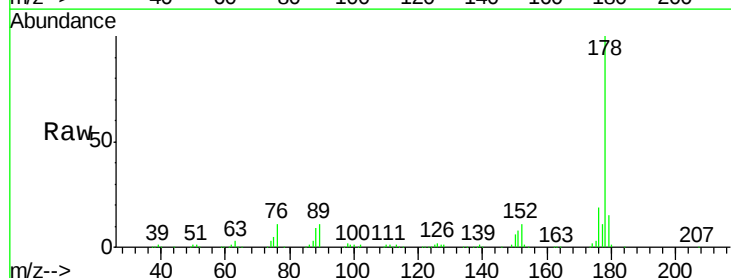
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 19.846 ng
 RT: 17.05 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.3	12.5	18.7

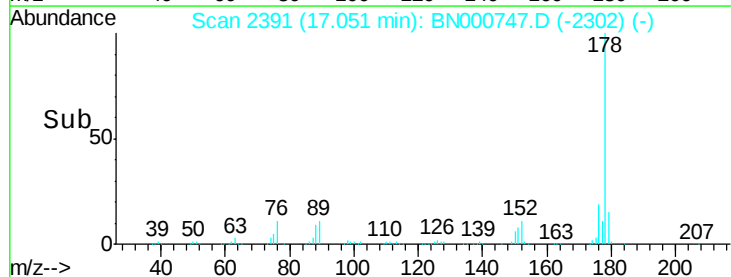
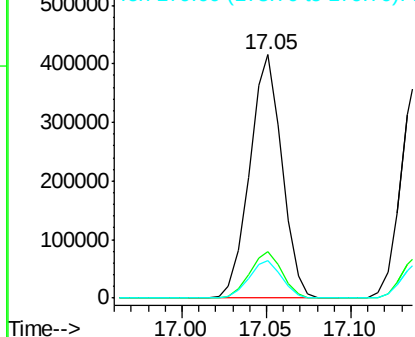


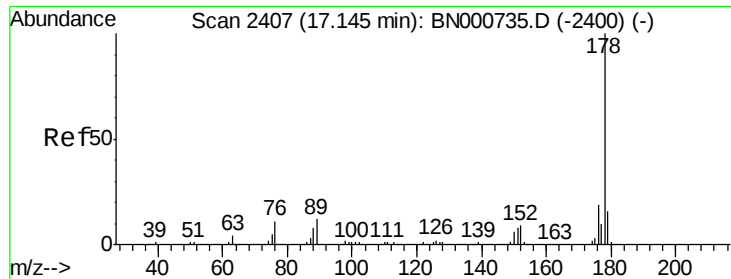
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





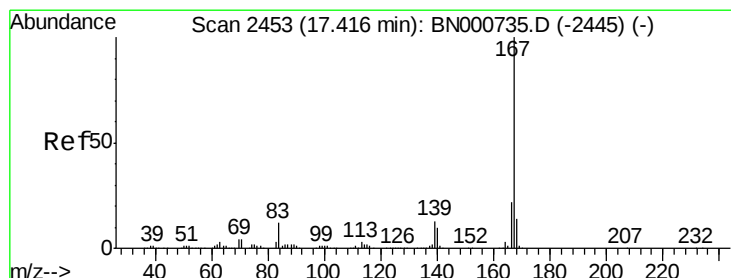
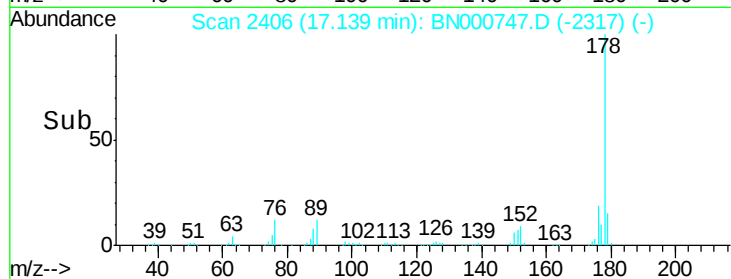
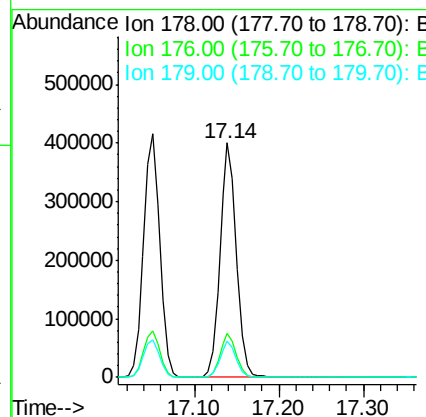
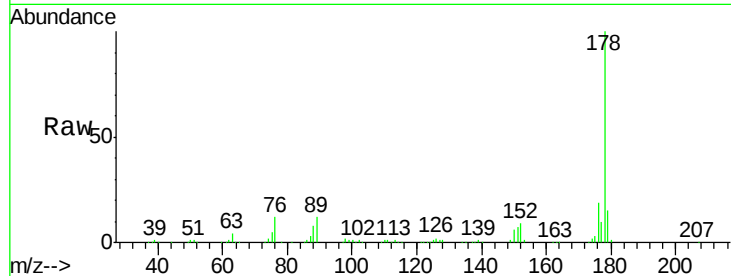
#71
 Anthracene
 Concen: 19.995 ng
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.5	12.5	18.7

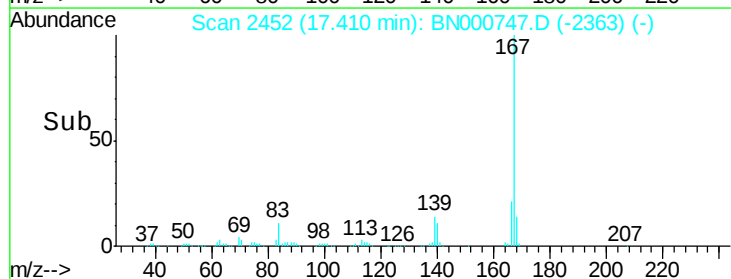
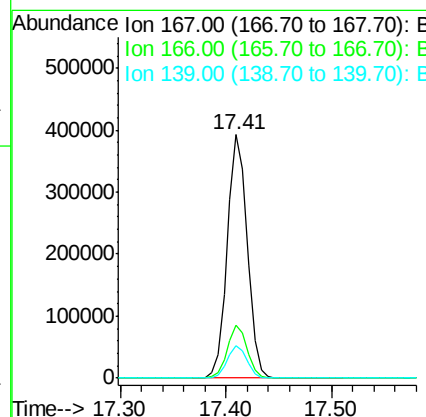
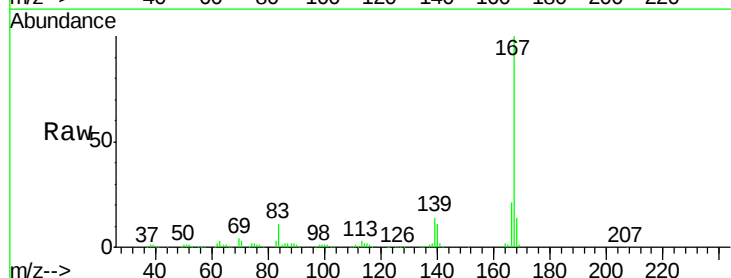
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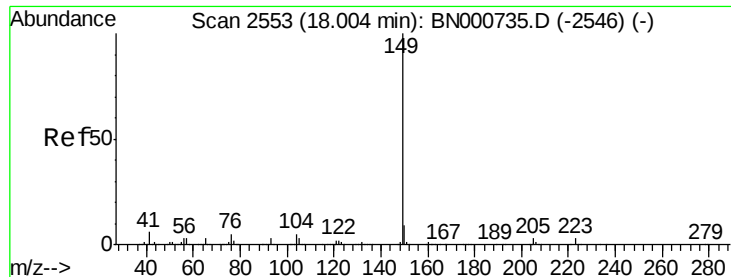
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#72
 Carbazole
 Concen: 20.167 ng
 RT: 17.41 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.4
139	13.5	9.4	14.2





#73

Di-n-butylphthalate

Concen: 19.501 ng

RT: 18.00 min Scan# 2552

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

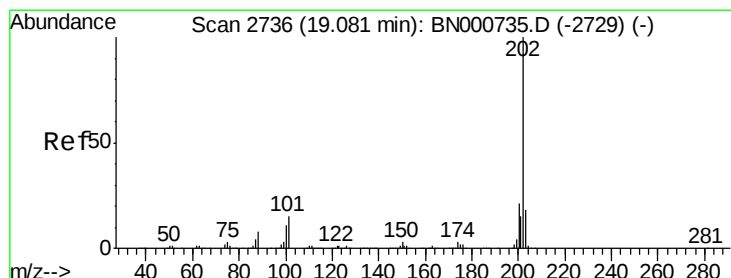
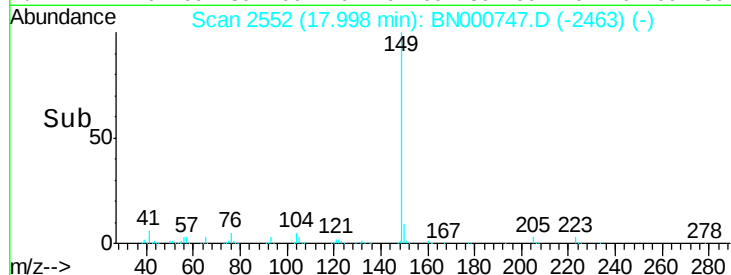
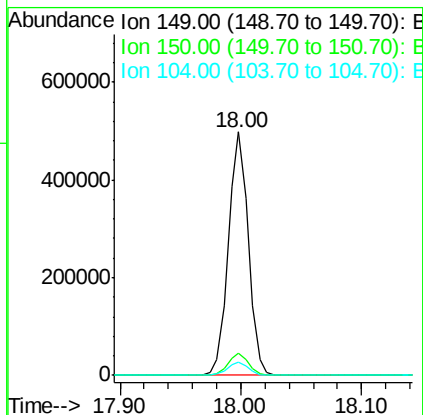
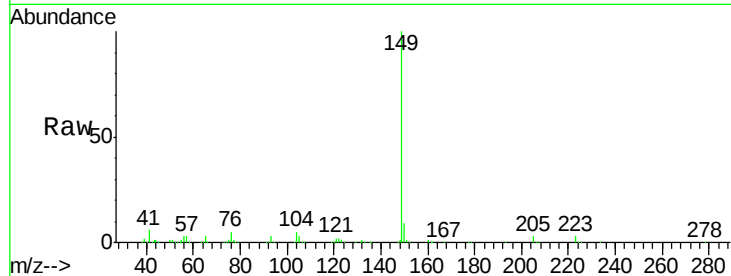
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion:	149	Resp:	569364
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	5.5	3.9	5.9

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#74

Fluoranthene

Concen: 20.401 ng

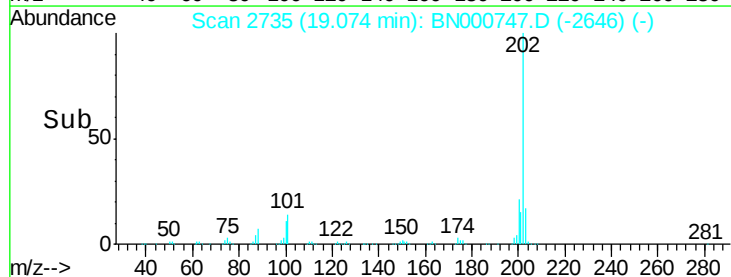
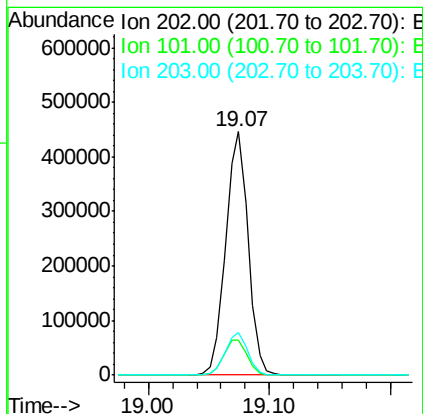
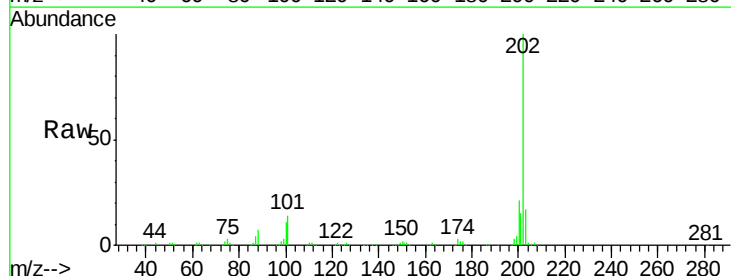
RT: 19.07 min Scan# 2735

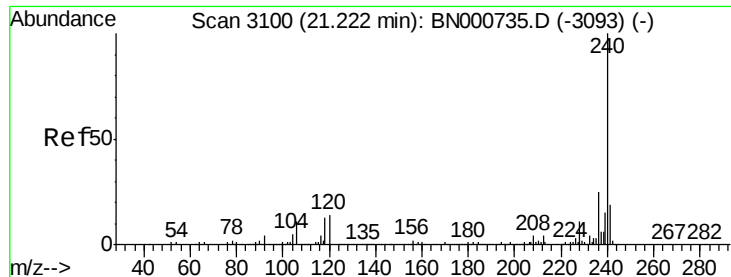
Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Tgt Ion:	202	Resp:	572496
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	28.9
203	17.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

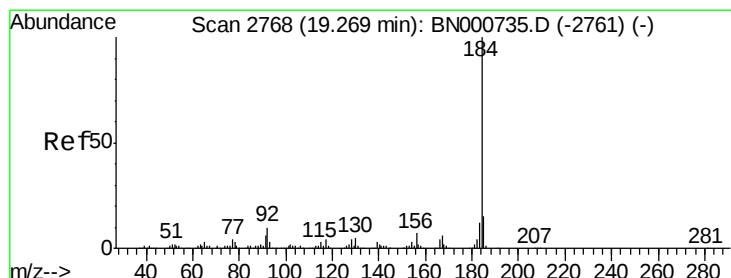
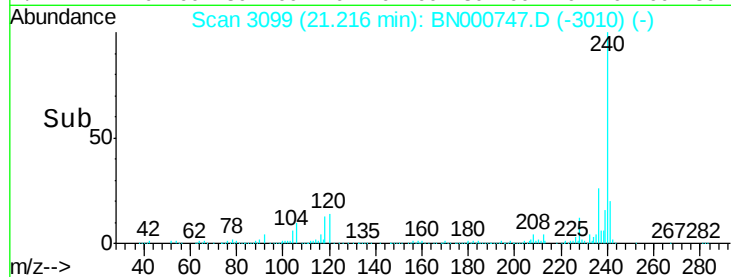
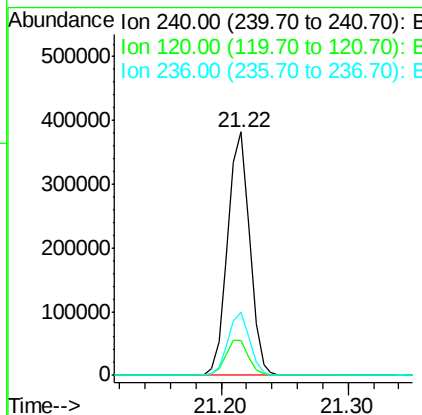
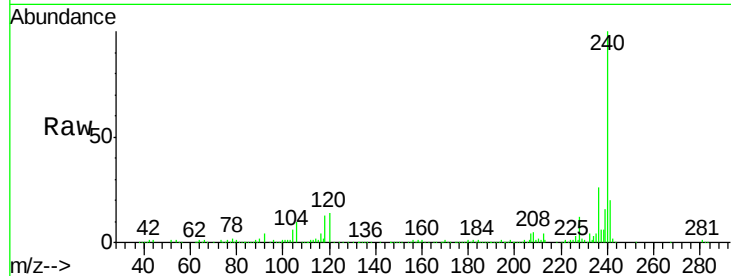
ClientSampleId :

LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.1	6.8	10.2#	
236	26.1	20.9	31.3	

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#76

Benzidine

Concen: 13.236 ng

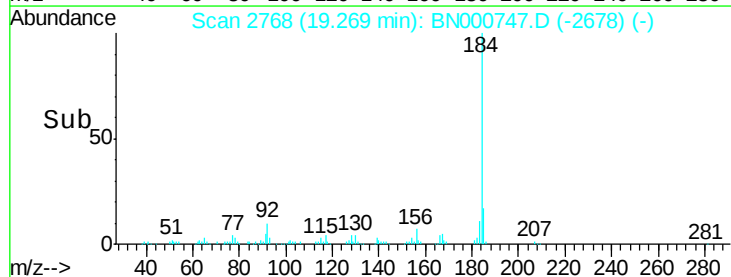
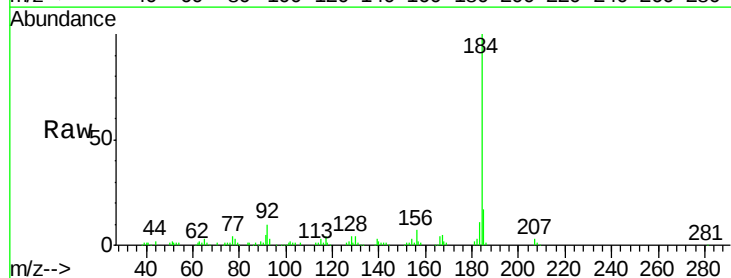
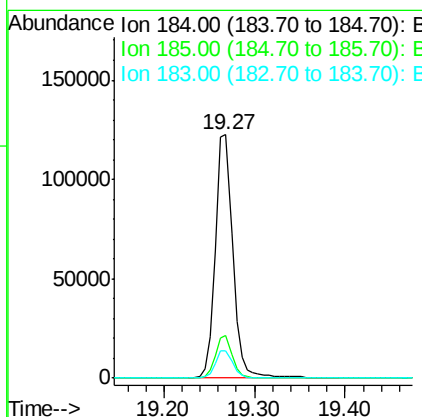
RT: 19.27 min Scan# 2768

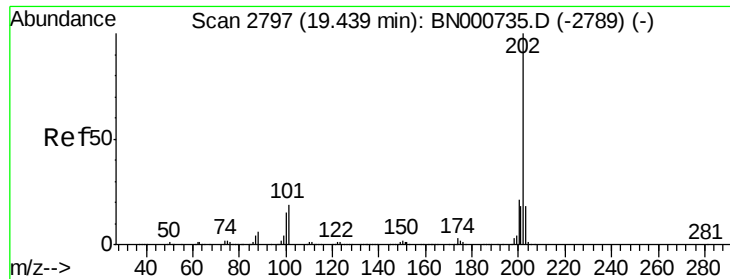
Delta R.T. 0.00 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	17.4	11.1	16.7#	
183	11.5	10.6	16.0	





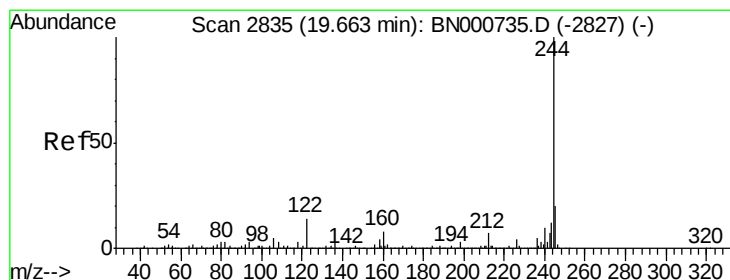
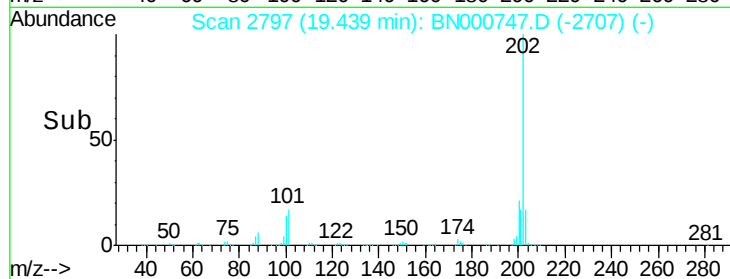
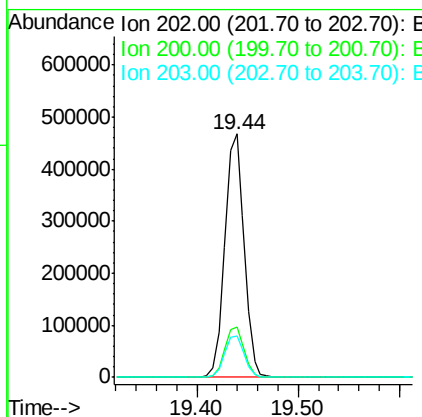
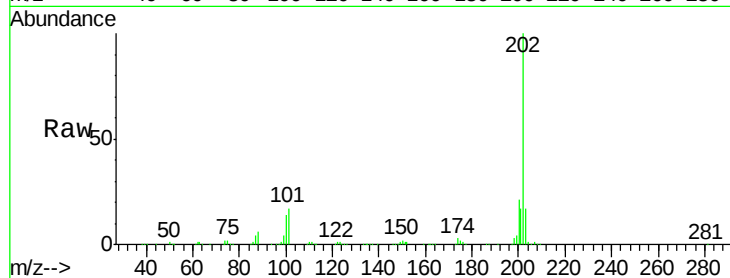
#77
Pvrene
Concen: 18.587 ng
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Resp	Lower	Upper
202	100	613617		
200	20.9		16.9	25.3
203	17.2		13.9	20.9

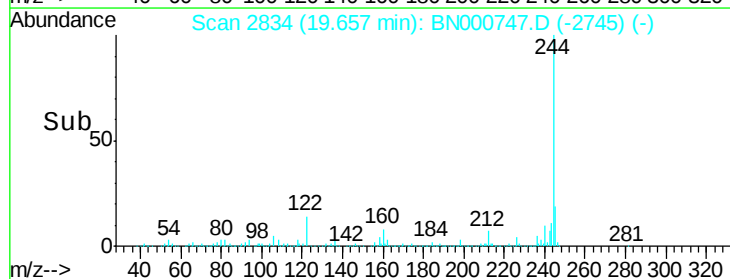
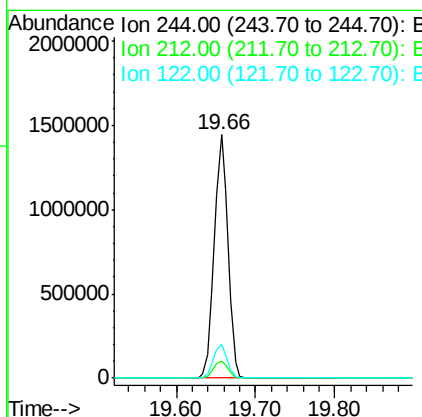
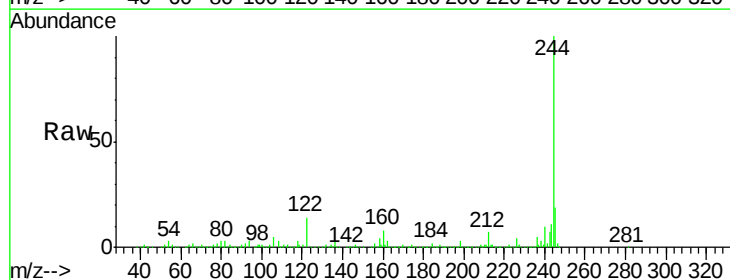
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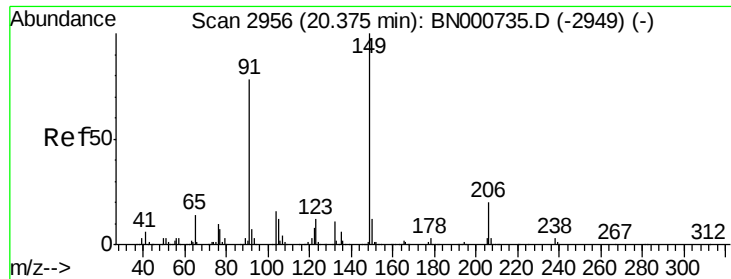
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#78
Terphenyl-d14
Concen: 81.176 ng
RT: 19.66 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1725416		
212	7.2		5.8	8.8
122	14.0		7.0	10.4





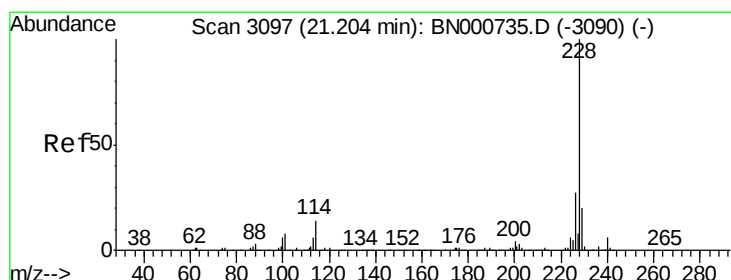
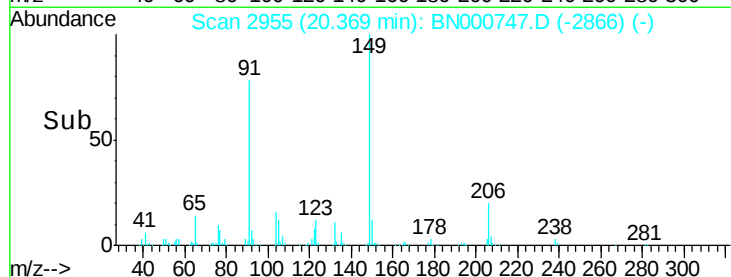
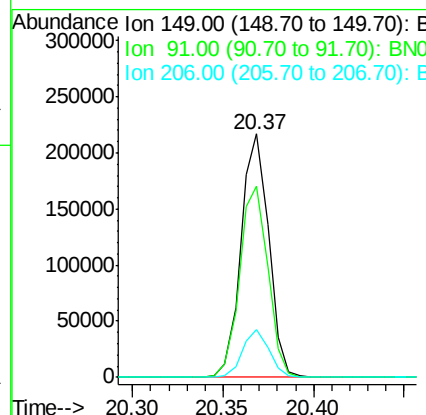
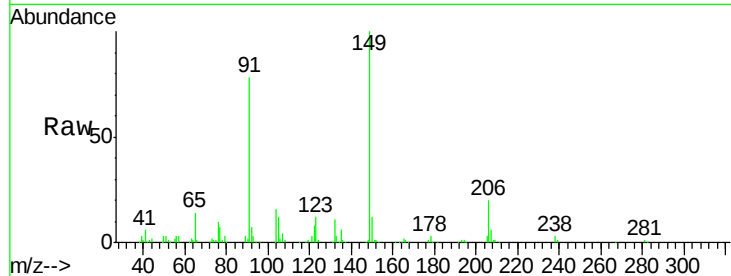
#79
Butylbenzylphthalate
Concen: 16.550 ng
RT: 20.37 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	230166		
91	78.3	62.2	93.2	
206	19.9	18.6	27.8	

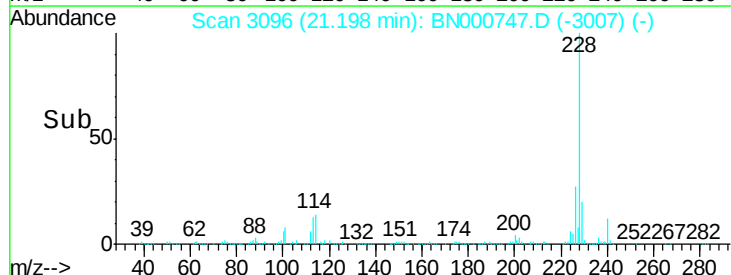
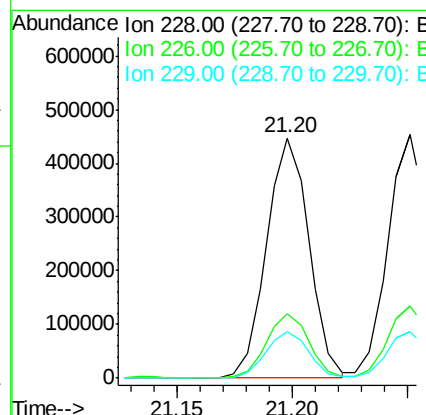
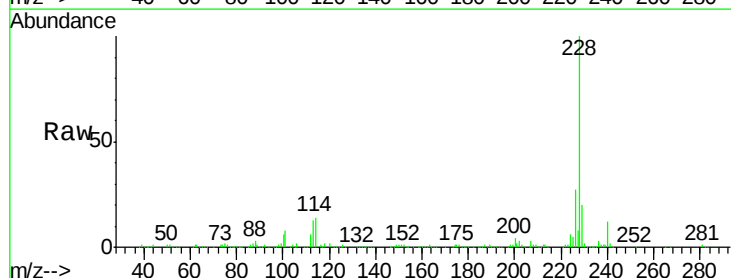
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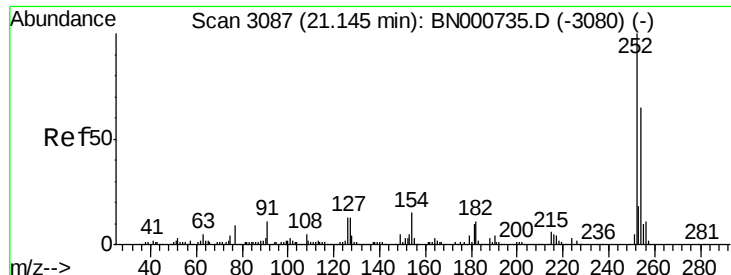
Sohil
4/19/2018 5:43:03 PM



#80
Benzo(a)anthracene
Concen: 19.762 ng
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	570775		
226	27.0	22.7	34.1	
229	19.6	16.2	24.2	





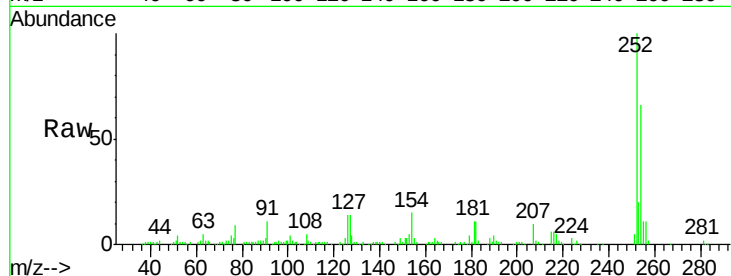
#81
 3,3'-Dichlorobenzidine
 Concen: 17.840 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

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

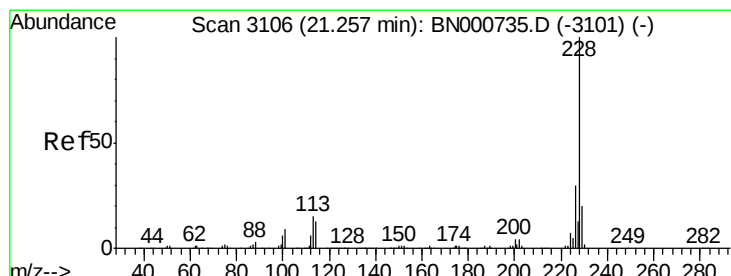
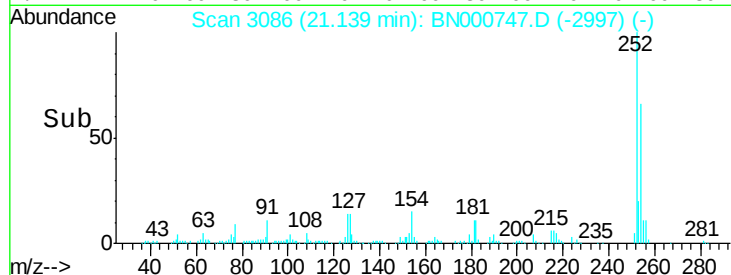
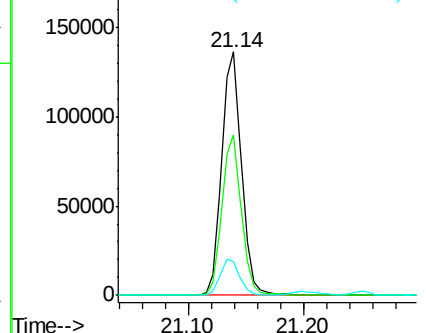
Tot Ion	Ratio	Resp	Lower	Upper
252	100	162196		
254	65.6	50.8	76.2	
126	13.9	7.4	11.2	

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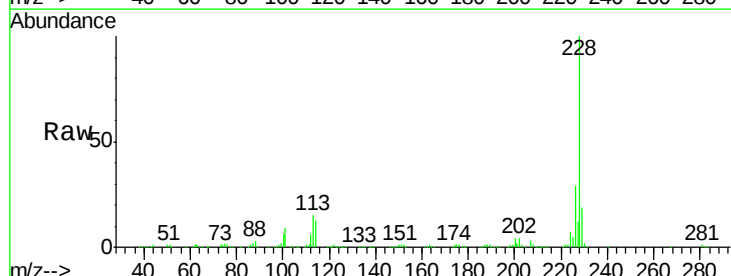


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

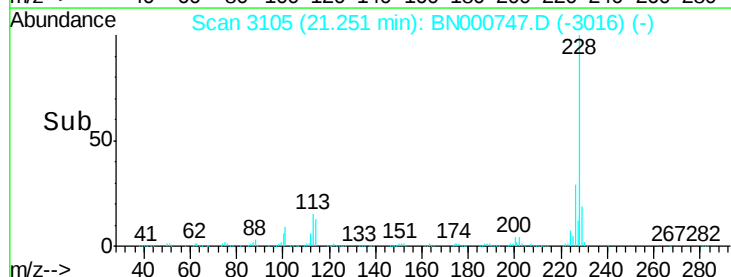
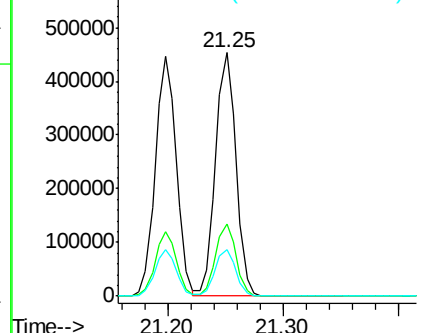


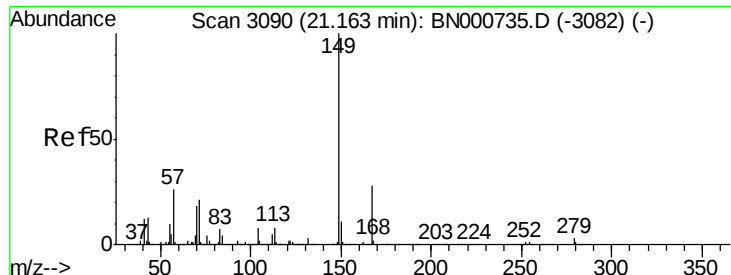
#82
 Chrysene
 Concen: 20.036 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	560242		
226	29.5	24.9	37.3	
229	19.2	15.0	22.4	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.755 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Instrument :

BNA_N

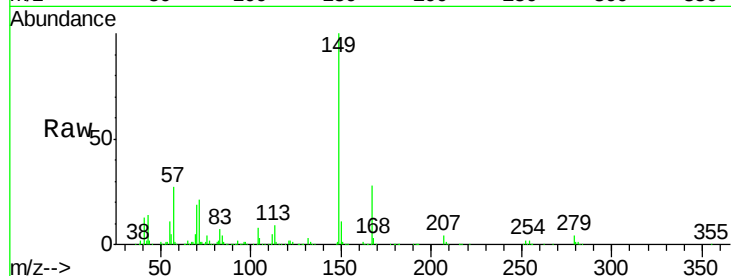
ClientSampleId :

LOQ-SOIL-02-QT2-2018

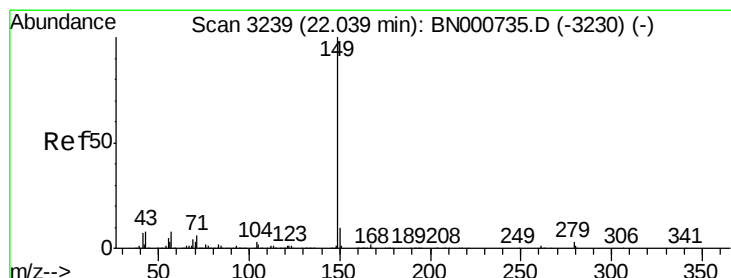
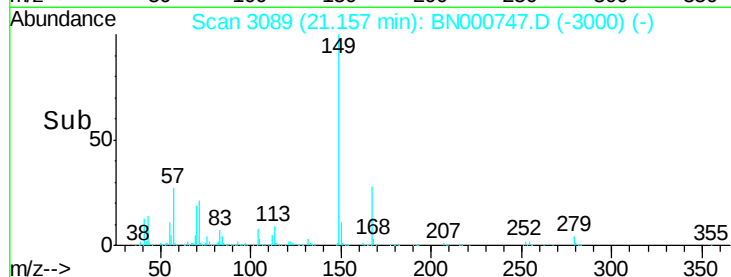
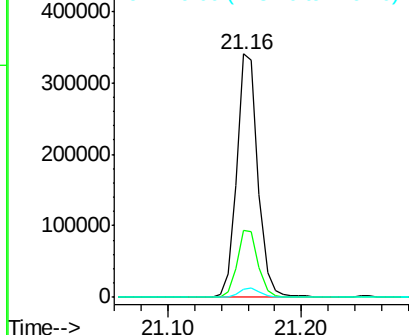
Tot Ion:	149	Resp:	377198
Ion Ratio		Lower	Upper
149	100		
167	27.6	24.3	36.5
279	3.5	4.0	6.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 17.331 ng

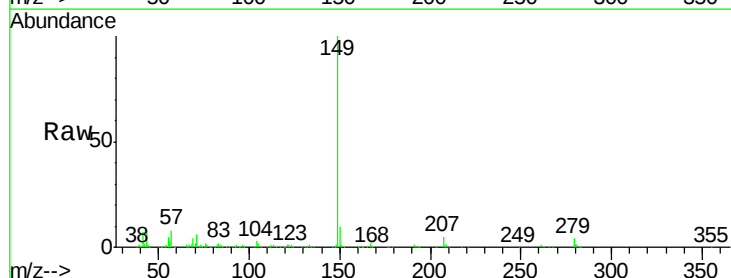
RT: 22.03 min Scan# 3238

Delta R.T. -0.01 min

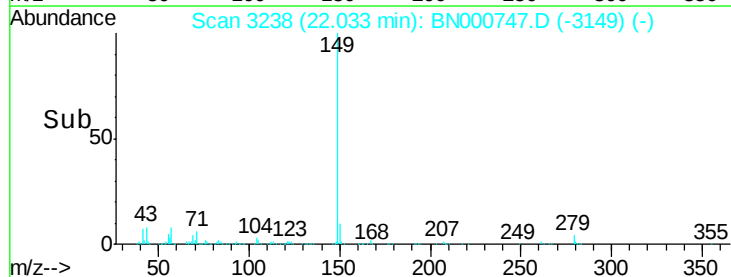
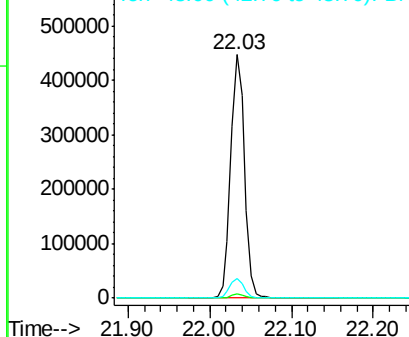
Lab File: BN000747.D

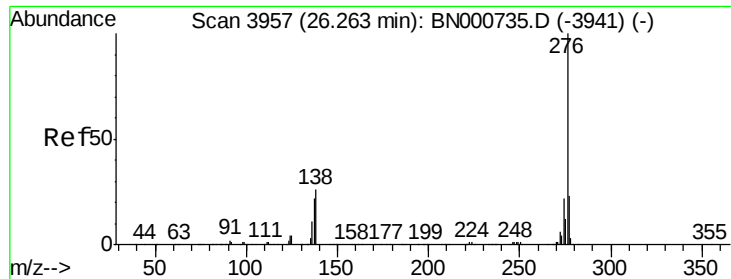
Acq: 18 Apr 2018 19:40

Tgt Ion:	149	Resp:	526778
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.4	2.0
43	8.6	8.9	13.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC





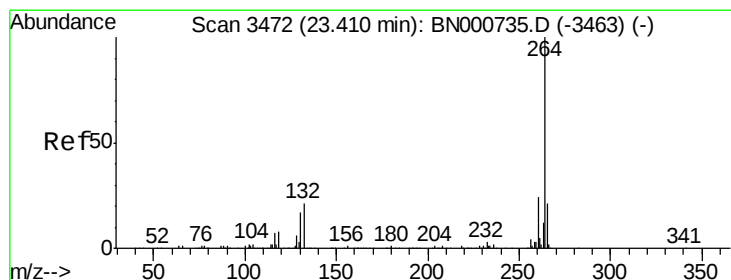
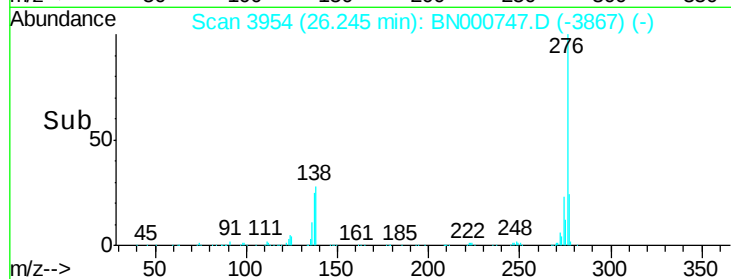
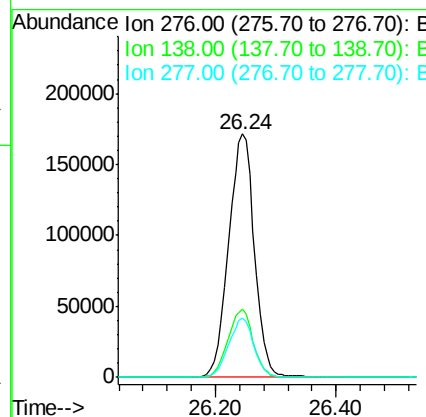
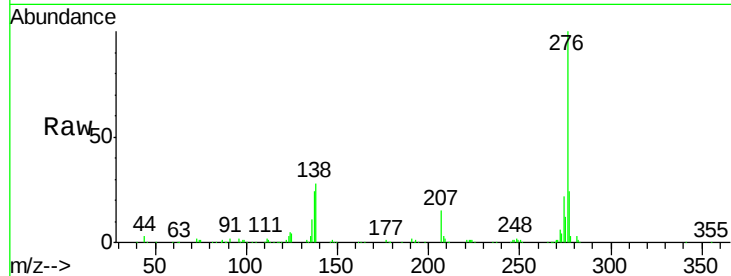
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.086 ng
RT: 26.24 min Scan# 3954
Delta R.T. -0.02 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	16.0	24.0#
277	23.7	20.0	30.0

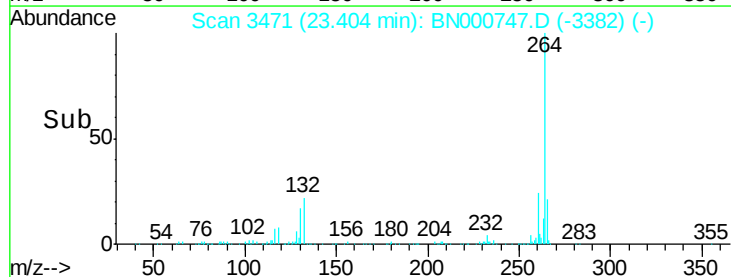
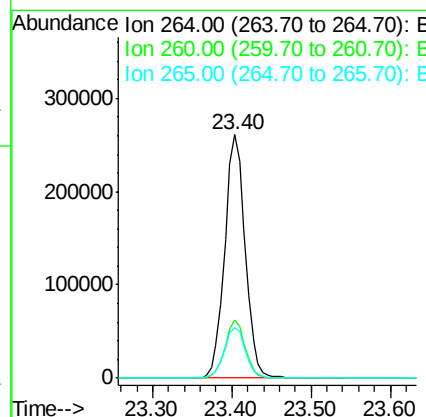
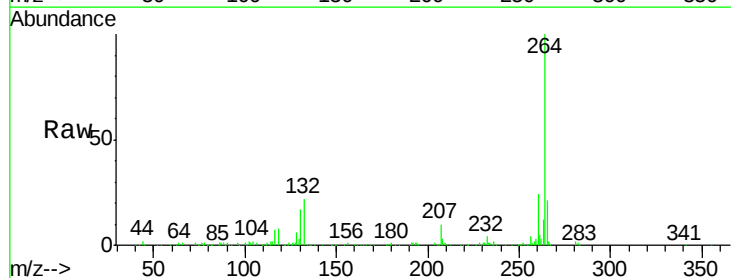
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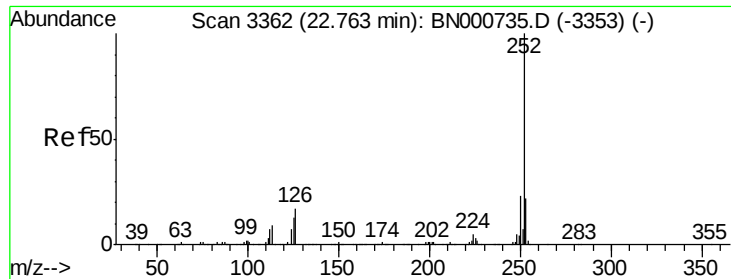
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.40 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 19.145 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

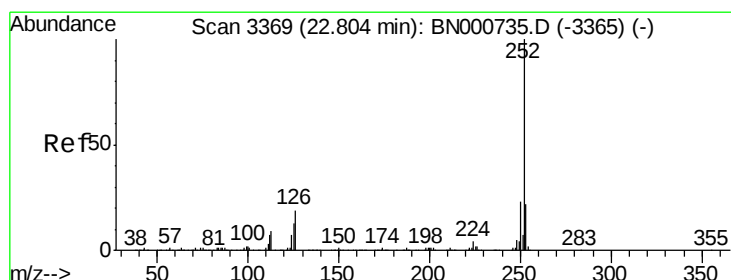
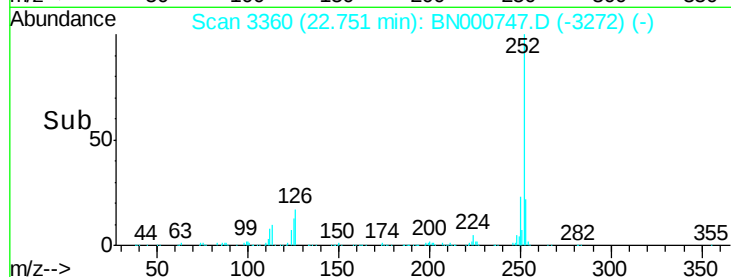
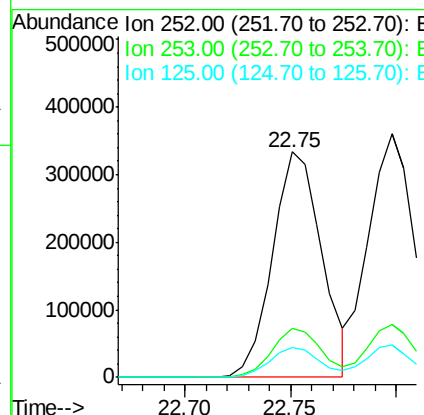
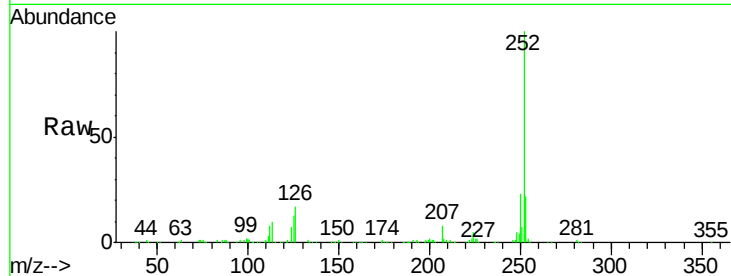
Instrument :
BNA_N

ClientSampleId :
LOQ-SOIL-02-QT2-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	13.2	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 19.648 ng

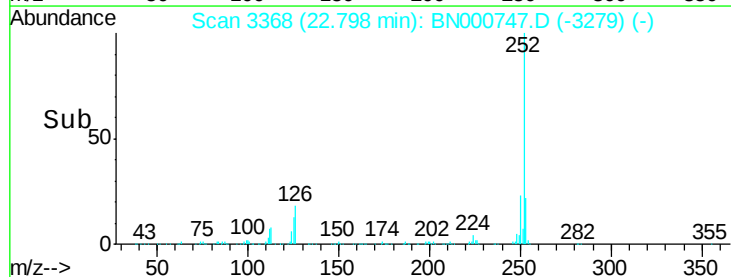
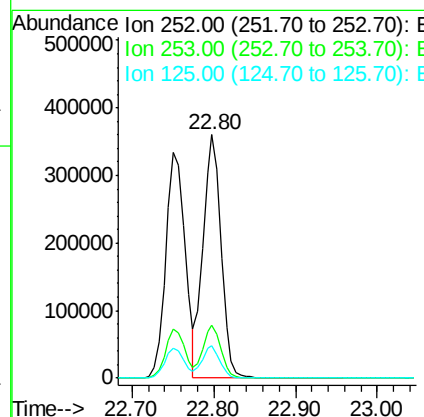
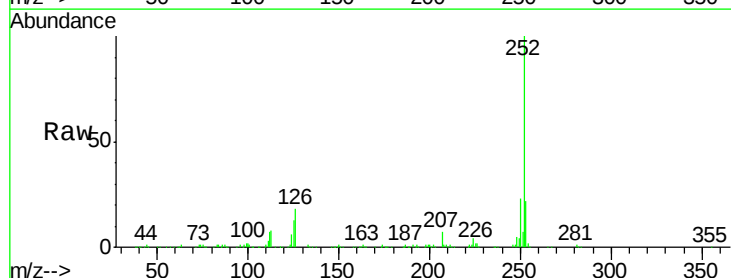
RT: 22.80 min Scan# 3368

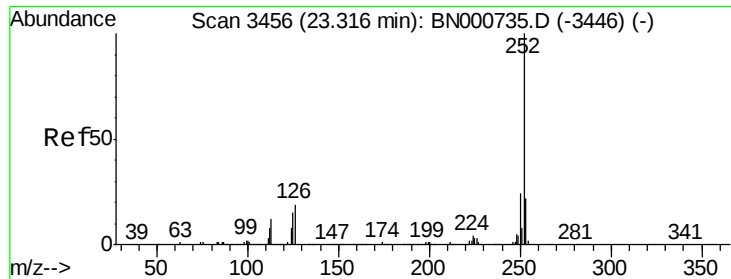
Delta R.T. -0.01 min

Lab File: BN000747.D

Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	13.1	6.6	9.8





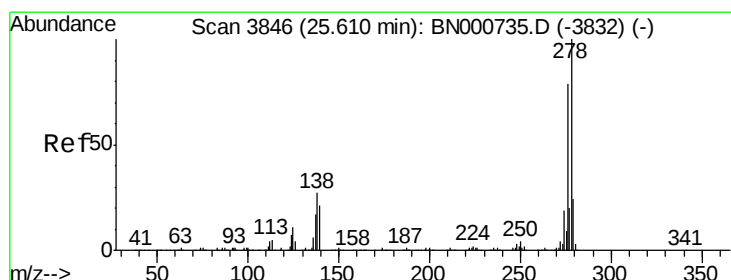
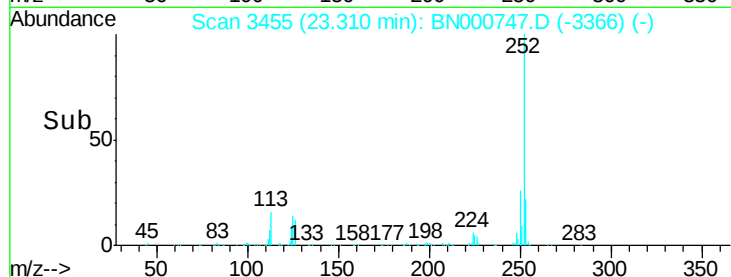
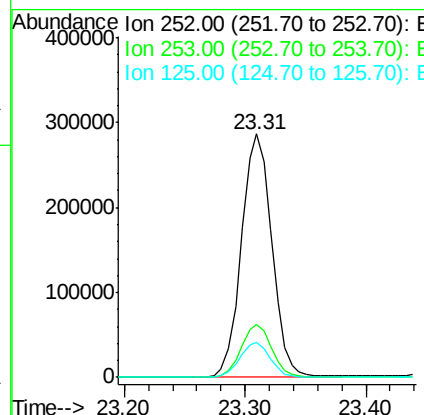
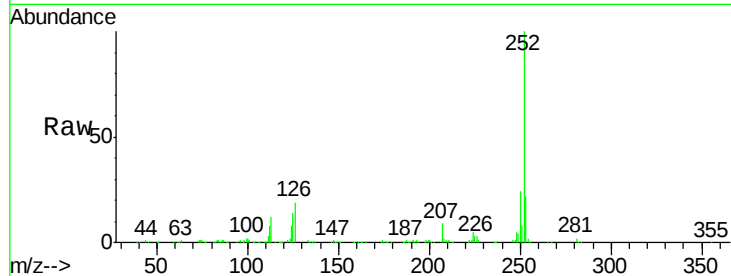
#89
Benzo(a)pyrene
Concen: 19.600 ng
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.7	18.3	27.5	
125	14.3	7.3	10.9	

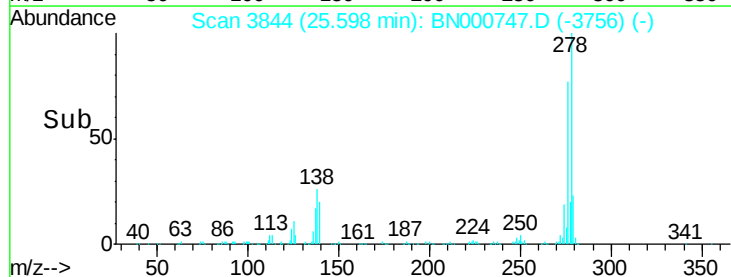
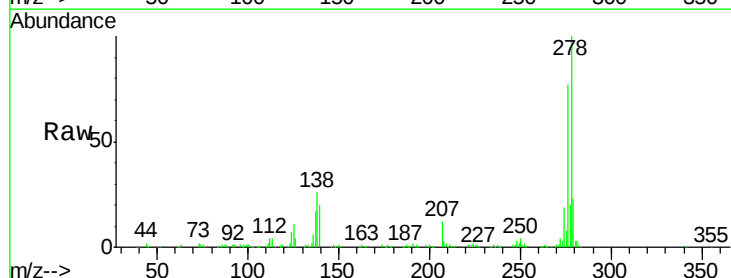
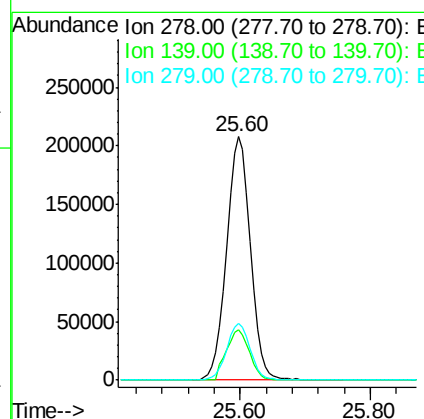
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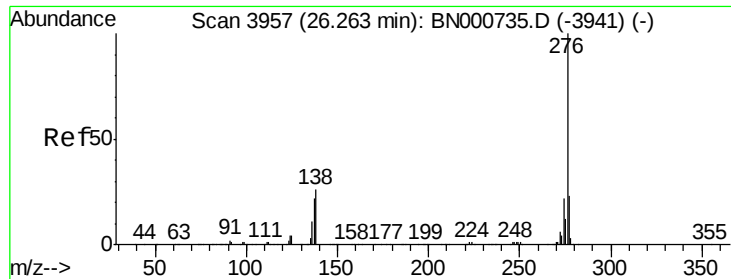
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 20.668 ng
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN000747.D
Acq: 18 Apr 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	20.4	9.8	14.6	
279	23.2	18.4	27.6	





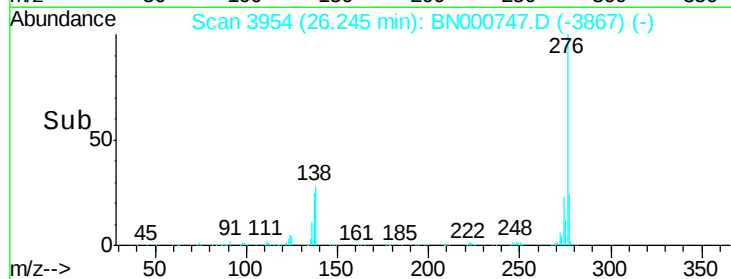
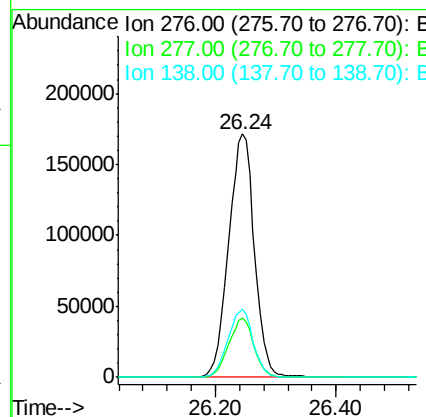
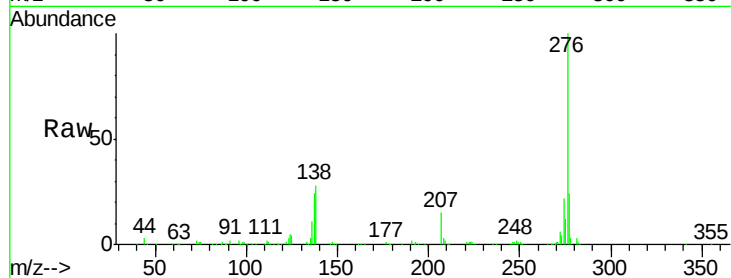
#91
 Benzo(a,h,i)perylene
 Concen: 20.388 ng
 RT: 26.24 min Scan# 3954
 Delta R.T. -0.02 min
 Lab File: BN000747.D
 Acq: 18 Apr 2018 19:40

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	27.8	13.9	20.9

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Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000747.D
 Acq On : 18 Apr 2018 19:40
 Operator : JU/SJ
 Sample : J2133-02
 Misc : 20PPM L00
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Apr 19 05:01:46 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 16:58:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	119578	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	499413	20.00	ng	0.00
38) Acenaphthene-d10	14.26	164	246064	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	480721	20.00	ng	0.00
75) Chrysene-d12	21.22	240	458293	20.00	ng	0.00
86) Perylene-d12	23.40	264	466285	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1045614	129.89	ng	0.00
7) Phenol-d6	6.82	99	1380840	125.88	ng	0.00
23) Nitrobenzene-d5	8.78	82	816062	85.18	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	341094	137.70	ng	0.00
44) 2-Fluorobiphenyl	12.88	172	1555573	87.27	ng	0.00
78) Terphenyl-d14	19.66	244	1725416	81.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	72934	19.754	ng	94
3) Pyridine	3.63	79	194127	19.960	ng	97
4) n-Nitrosodimethylamine	3.55	42	51077	19.097	ng	# 86
6) Aniline	6.97	93	275375	18.922	ng	94
8) 2-Chlorophenol	7.20	128	162956	19.574	ng	91
9) Benzaldehyde	6.79	77	78245	11.905	ng	92
10) Phenol	6.84	94	222864	19.274	ng	87
11) bis(2-Chloroethyl)ether	7.07	93	182904	19.335	ng	84
12) 1,3-Dichlorobenzene	7.52	146	190512	19.703	ng	99
13) 1,4-Dichlorobenzene	7.67	146	193160	19.676	ng	98
14) 1,2-Dichlorobenzene	7.98	146	185472	19.793	ng	96
15) Benzyl Alcohol	7.87	79	141489	18.753	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.16	45	191062	19.018	ng	79
17) 2-Methylphenol	8.07	107	150000	19.297	ng	95
18) Hexachloroethane	8.70	117	70576	19.509	ng	# 83
19) n-Nitroso-di-n-propylamine	8.43	70	131514	19.272	ng	# 82
20) 3+4-Methylphenols	8.39	107	203935	19.091	ng	94
22) Acetophenone	8.44	105	278570	19.466	ng	# 89
24) Nitrobenzene	8.82	77	204790	19.936	ng	# 95
25) Isophorone	9.33	82	325430	18.748	ng	99
26) 2-Nitrophenol	9.52	139	75931	18.043	ng	96
27) 2,4-Dimethylphenol	9.59	122	132887	19.342	ng	95
28) bis(2-Chloroethoxy)methane	9.82	93	218846	19.338	ng	97
29) 2,4-Dichlorophenol	10.05	162	130521	19.292	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	162753	19.959	ng	98
31) Naphthalene	10.45	128	530436	19.755	ng	98
32) Benzoic acid	9.69	122	89767	17.233	ng	92
33) 4-Chloroaniline	10.56	127	210344	19.186	ng	96
34) Hexachlorobutadiene	10.74	225	89738	20.262	ng	98
35) Caprolactam	11.30	113	39831	17.017	ng	96
36) 4-Chloro-3-methylphenol	11.68	107	150656	18.861	ng	99
37) 2-Methylnaphthalene	12.06	142	342512	19.473	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	155629	20.395	ng	# 96
40) Hexachlorocyclopentadiene	12.42	237	87387	19.528	ng	93

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
 Data File : BN000747.D
 Acq On : 18 Apr 2018 19:40
 Operator : JU/SJ
 Sample : J2133-02
 Misc : 20PPM L00
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
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 4/19/2018 5:43:03 PM

Quant Time: Apr 19 05:01:46 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 16:58:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	12.68	196	90270	19.503	nq	98
43) 2,4,5-Trichlorophenol	12.75	196	106349	19.894	nq	# 93
45) 1,1'-Biphenyl	13.09	154	447794	20.331	nq	98
46) 2-Chloronaphthalene	13.13	162	336659	20.386	nq	97
47) 2-Nitroaniline	13.33	65	87388	18.241	nq	89
48) Acenaphthylene	13.98	152	533928	20.396	nq	97
49) Dimethylphthalate	13.73	163	388941	19.779	nq	99
50) 2,6-Dinitrotoluene	13.84	165	79322	19.045	nq	92
51) Acenaphthene	14.33	154	320772	20.102	nq	99
52) 3-Nitroaniline	14.16	138	87915	18.546	nq	# 96
53) 2,4-Dinitrophenol	14.37	184	30901	18.947	nq	95
54) Dibenzofuran	14.66	168	470331	20.249	nq	97
55) 4-Nitrophenol	14.47	139	64379	18.290	nq	# 83
56) 2,4-Dinitrotoluene	14.63	165	101018	18.525	nq	94
57) Fluorene	15.32	166	370671	20.186	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.89	232	77883m	18.953	nq	
59) Diethylphthalate	15.10	149	381398	19.570	nq	97
60) 4-Chlorophenyl-phenylether	15.32	204	175356	20.429	nq	92
61) 4-Nitroaniline	15.33	138	87476	18.759	nq	95
62) Azobenzene	15.61	77	412690	19.776	nq	89
64) 4,6-Dinitro-2-methylphenol	15.39	198	51405	17.313	nq	91
65) n-Nitrosodiphenylamine	15.53	169	317809	19.691	nq	96
66) 4-Bromophenyl-phenylether	16.21	248	96420	19.742	nq	# 90
67) Hexachlorobenzene	16.32	284	110961	19.622	nq	93
68) Atrazine	16.49	200	61170	13.990	nq	96
69) Pentachlorophenol	16.66	266	61861	16.930	nq	98
70) Phenanthrene	17.05	178	552529	19.846	nq	99
71) Anthracene	17.14	178	545189	19.995	nq	98
72) Carbazole	17.41	167	516745	20.167	nq	97
73) Di-n-butylphthalate	18.00	149	569364	19.501	nq	98
74) Fluoranthene	19.07	202	572496	20.401	nq	95
76) Benzidine	19.27	184	164286	13.236	nq	# 93
77) Pyrene	19.44	202	613617	18.587	nq	100
79) Butylbenzylphthalate	20.37	149	230166	16.550	nq	98
80) Benzo(a)anthracene	21.20	228	570775	19.762	nq	98
81) 3,3'-Dichlorobenzidine	21.14	252	162196	17.840	nq	# 96
82) Chrysene	21.25	228	560242	20.036	nq	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	377198	17.755	nq	# 95
84) Di-n-octyl phthalate	22.03	149	526778	17.331	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.24	276	507078	21.086	nq	# 91
87) Benzo(b)fluoranthene	22.75	252	542405	19.145	nq	# 95
88) Benzo(k)fluoranthene	22.80	252	554395	19.648	nq	# 96
89) Benzo(a)pyrene	23.31	252	506716	19.600	nq	# 94
90) Dibenzo(a,h)anthracene	25.60	278	526507	20.668	nq	# 92
91) Benzo(g,h,i)perylene	26.24	276	507078	20.388	nq	# 88

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