

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107408.D
 Acq On : 16 Jul 2018 17:06
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071618

Manual Integrations
 APPROVED

Sohil
 7/17/2018 4:52:55 PM

Quant Time: Jul 16 17:33:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	136810	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	530782	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	298839	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	617378	20.00	ng	0.00
75) Chrysene-d12	14.17	240	506656	20.00	ng	0.00
86) Perylene-d12	15.69	264	385574	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	686297	76.19	ng	0.00
7) Phenol-d6	6.60	99	872686	74.93	ng	0.00
23) Nitrobenzene-d5	7.54	82	860975	86.50	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	193396	73.66	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1414996	78.06	ng	0.00
78) Terphenyl-d14	13.10	244	1484616	72.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	163932	36.861	ng	88
3) Pyridine	3.61	79	439431	36.635	ng	92
4) n-Nitrosodimethylamine	3.57	42	196269	39.848	ng	# 79
6) Aniline	6.64	93	590035	38.324	ng	# 87
8) 2-Chlorophenol	6.77	128	336987	36.991	ng	92
9) Benzaldehyde	6.53	77	350875	37.451	ng	90
10) Phenol	6.61	94	466181	37.336	ng	# 73
11) bis(2-Chloroethyl)ether	6.71	93	383532	37.640	ng	96
12) 1,3-Dichlorobenzene	6.92	146	429707	38.852	ng	# 88
13) 1,4-Dichlorobenzene	7.00	146	405888	37.021	ng	# 90
14) 1,2-Dichlorobenzene	7.15	146	387829	37.806	ng	96
15) Benzyl Alcohol	7.11	79	457336	39.101	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.25	45	424403	39.032	ng	84
17) 2-Methylphenol	7.22	107	327311	37.789	ng	# 87
18) Hexachloroethane	7.50	117	163981	40.197	ng	# 88
19) n-Nitroso-di-n-propylamine	7.39	70	313978	37.652	ng	92
20) 3+4-Methylphenols	7.37	107	425350	38.658	ng	92
22) Acetophenone	7.39	105	550218	37.729	ng	# 91
24) Nitrobenzene	7.57	77	479013	42.822	ng	94
25) Isophorone	7.80	82	743755	37.697	ng	# 93
26) 2-Nitrophenol	7.88	139	167413	44.027	ng	# 49
27) 2,4-Dimethylphenol	7.90	122	308449	38.899	ng	85
28) bis(2-Chloroethoxy)methane	8.01	93	478096	38.693	ng	96
29) 2,4-Dichlorophenol	8.11	162	326514	39.570	ng	94
30) 1,2,4-Trichlorobenzene	8.20	180	372522	37.281	ng	95
31) Naphthalene	8.29	128	953762	36.993	ng	98
32) Benzoic acid	8.01	122	217582	44.711	ng	# 76
33) 4-Chloroaniline	8.33	127	426404	38.189	ng	# 82
34) Hexachlorobutadiene	8.40	225	271871	40.662	ng	92
35) Caprolactam	8.70	113	99942	37.234	ng	90
36) 4-Chloro-3-methylphenol	8.80	107	421873	39.128	ng	# 77
37) 2-Methylnaphthalene	8.98	142	661829	38.944	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	410418	35.293	ng	98
40) Hexachlorocyclopentadiene	9.13	237	239967	39.508	ng	94

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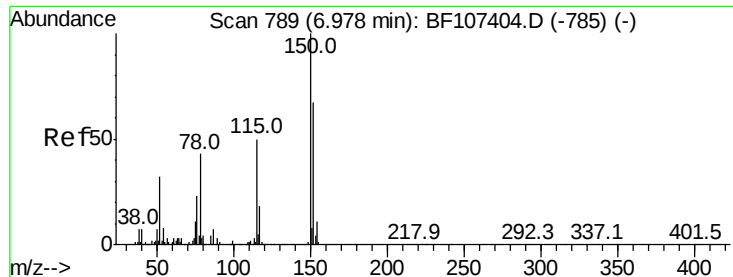
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	268434	36.978	ng	95
43) 2,4,5-Trichlorophenol	9.28	196	268503	38.664	ng	90
45) 1,1'-Biphenyl	9.44	154	882694	34.163	ng	93
46) 2-Chloronaphthalene	9.47	162	722787	35.419	ng	96
47) 2-Nitroaniline	9.56	65	257925	41.301	ng	# 74
48) Acenaphthylene	9.89	152	1043475	36.640	ng	96
49) Dimethylphthalate	9.74	163	863763	36.378	ng	99
50) 2,6-Dinitrotoluene	9.80	165	182230	40.220	ng	# 64
51) Acenaphthene	10.06	154	665356	35.243	ng	96
52) 3-Nitroaniline	9.97	138	183367	38.530	ng	# 62
53) 2,4-Dinitrophenol	10.07	184	70149	43.349	ng	# 33
54) Dibenzofuran	10.23	168	1021837	35.025	ng	93
55) 4-Nitrophenol	10.11	139	154038	40.000	ng	# 59
56) 2,4-Dinitrotoluene	10.21	165	245727	41.609	ng	# 90
57) Fluorene	10.57	166	679052	35.144	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	237309	35.278	ng	# 90
59) Diethylphthalate	10.44	149	855327	37.079	ng	95
60) 4-Chlorophenyl-phenylether	10.57	204	432620	37.589	ng	98
61) 4-Nitroaniline	10.59	138	179056	39.535	ng	# 44
62) Azobenzene	10.72	77	994337	36.707	ng	89
64) 4,6-Dinitro-2-methylphenol	10.61	198	140784	43.402	ng	83
65) n-Nitrosodiphenylamine	10.68	169	730084	37.442	ng	97
66) 4-Bromophenyl-phenylether	11.05	248	271523	38.441	ng	92
67) Hexachlorobenzene	11.12	284	236279	36.138	ng	# 93
68) Atrazine	11.21	200	268034	36.376	ng	96
69) Pentachlorophenol	11.31	266	194713	40.298	ng	92
70) Phenanthrene	11.54	178	1099705	35.742	ng	97
71) Anthracene	11.60	178	1104337	36.036	ng	98
72) Carbazole	11.74	167	1045357	36.031	ng	97
73) Di-n-butylphthalate	12.07	149	1259856	37.786	ng	# 96
74) Fluoranthene	12.73	202	1252255	35.809	ng	95
76) Benzidine	12.85	184	738097	37.537	ng	# 93
77) Pyrene	12.97	202	1310105	38.025	ng	98
79) Butylbenzylphthalate	13.57	149	532553	42.435	ng	# 80
80) Benzo(a)anthracene	14.15	228	1141438	36.820	ng	97
81) 3,3'-Dichlorobenzidine	14.11	252	406275	39.077	ng	# 99
82) Chrysene	14.19	228	1079209	36.444	ng	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	708602	39.402	ng	94
84) Di-n-octyl phthalate	14.76	149	1108007	39.633	ng	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	700162	33.216	ng	# 91
87) Benzo(b)fluoranthene	15.24	252	902852	40.005	ng	99
88) Benzo(k)fluoranthene	15.28	252	821524m	37.300	ng	
89) Benzo(a)pyrene	15.64	252	796650	38.459	ng	# 96
90) Dibenzo(a,h)anthracene	17.28	278	578959	37.034	ng	# 93
91) Benzo(g,h,i)perylene	17.75	276	567766	35.742	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

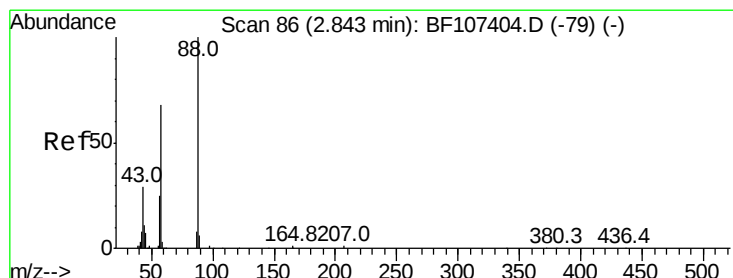
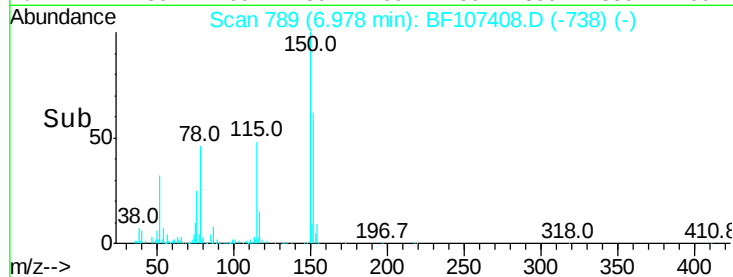
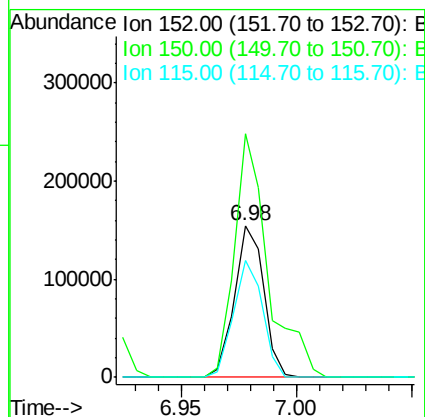
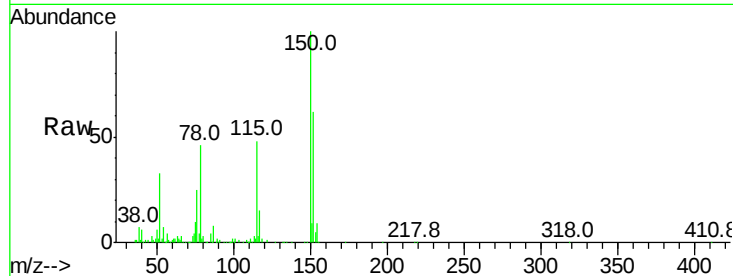
ClientSampleId :

ICVBF071618

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	77.0	50.1	75.1#

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#2

1,4-Dioxane

Concen: 36.861 ng

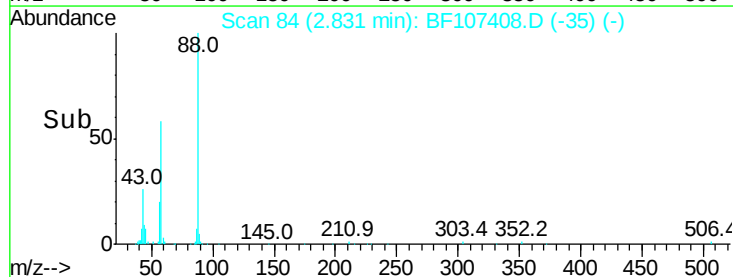
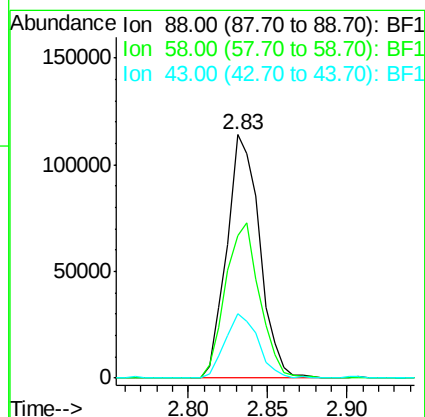
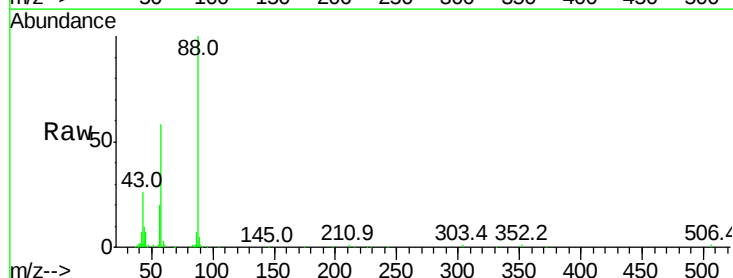
RT: 2.83 min Scan# 84

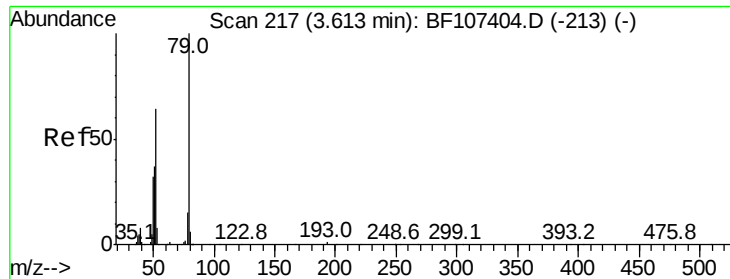
Delta R.T. -0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	62.6	93.8
43	26.8	24.6	37.0





#3

Pvridine

Concen: 36.635 ng

RT: 3.61 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

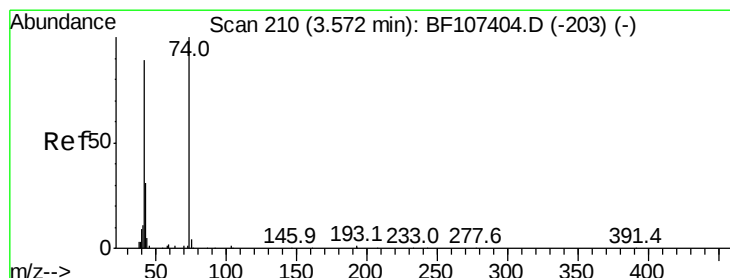
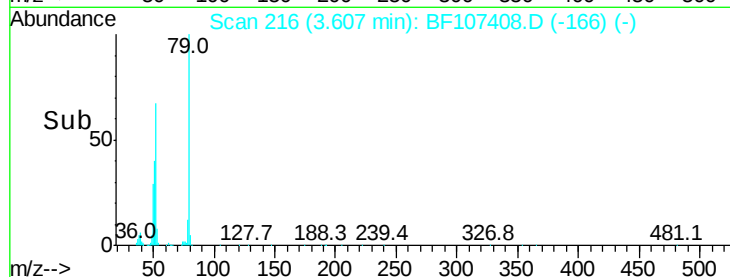
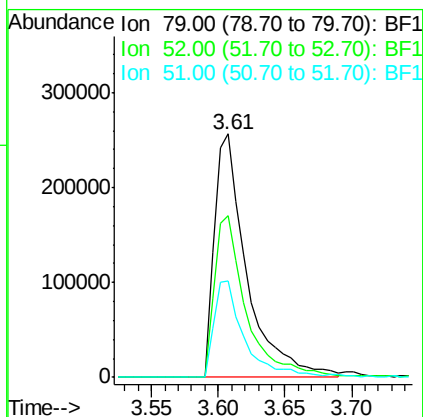
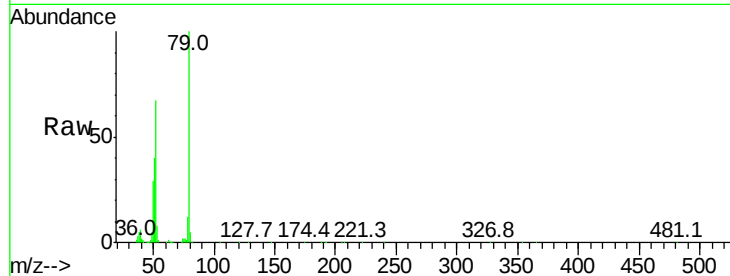
ClientSampleId :

ICVBF071618

Tot Ion:	79	Resp:	439431
Ion Ratio	Lower	Upper	
79	100		
52	66.7	59.8	89.6
51	39.7	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 39.848 ng

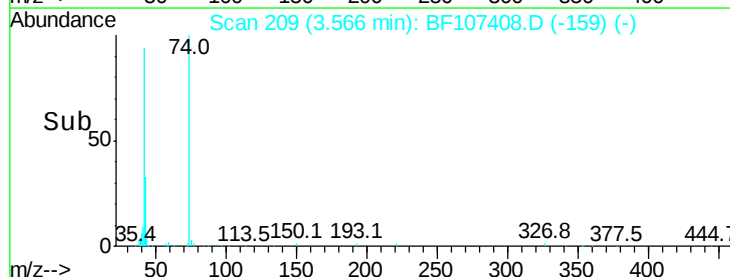
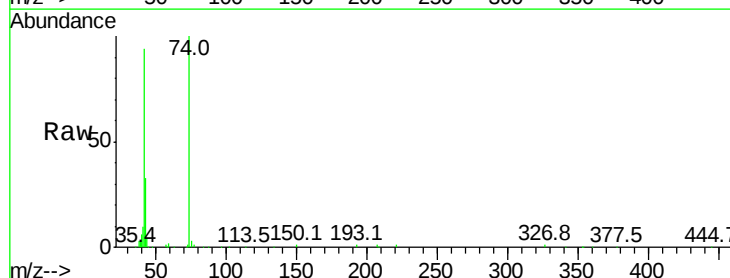
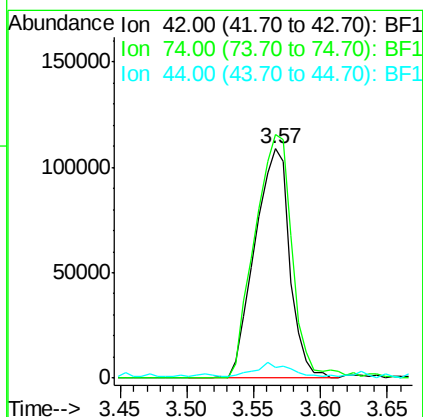
RT: 3.57 min Scan# 209

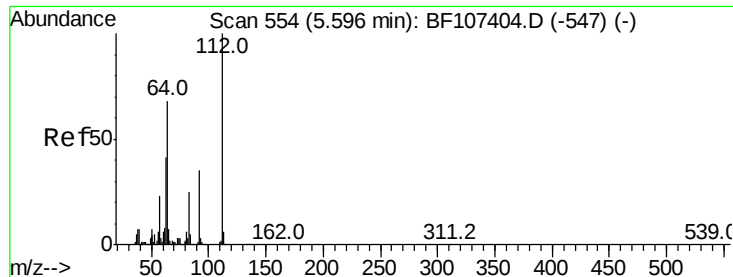
Delta R.T. -0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:	42	Resp:	196269
Ion Ratio	Lower	Upper	
42	100		
74	106.3	104.9	157.3
44	4.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 76.187 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071618

Tot Ion:112 Resp: 686297
Ion Ratio Lower Upper

112 100

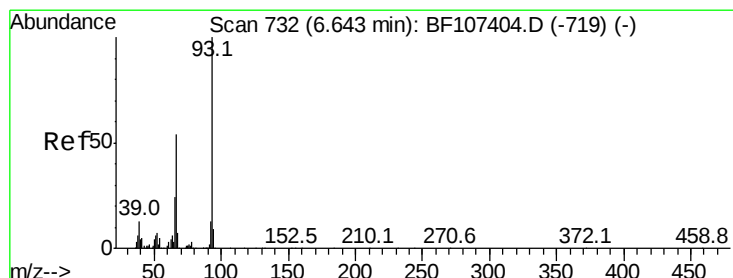
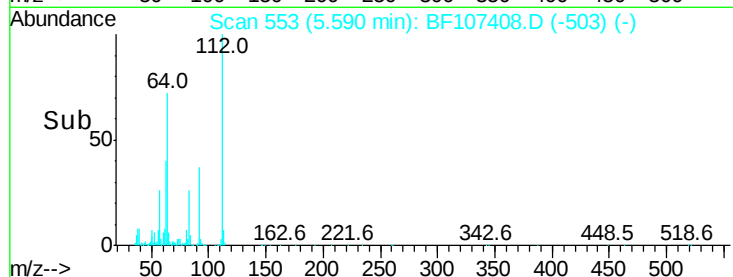
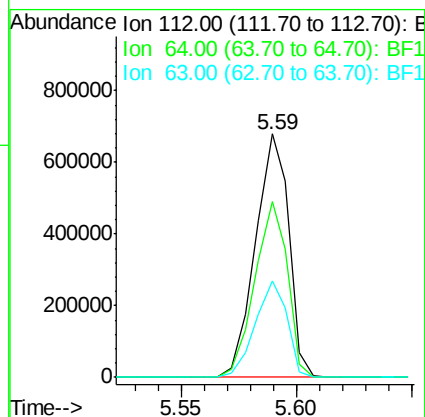
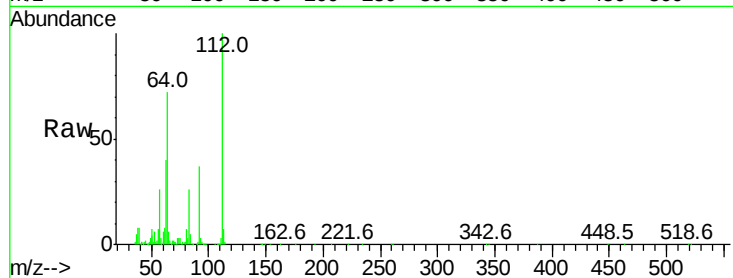
64 72.4 47.9 71.9#

63 39.5 23.7 35.5#

Manual Integrations
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#6

Aniline

Concen: 38.324 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF107408.D

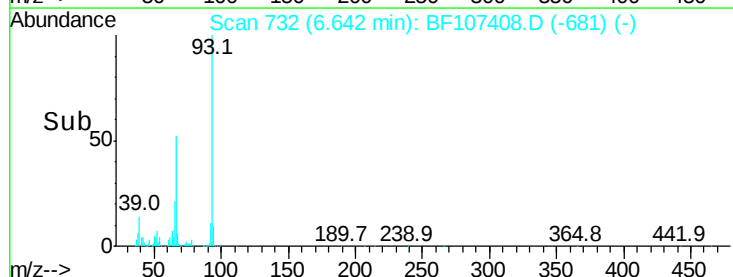
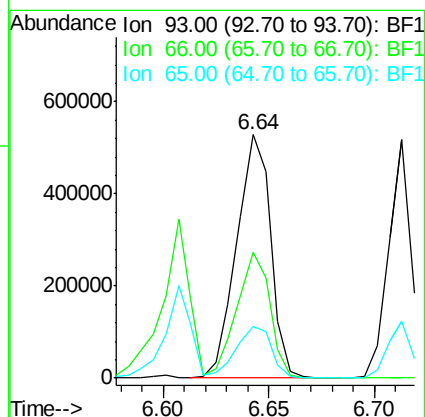
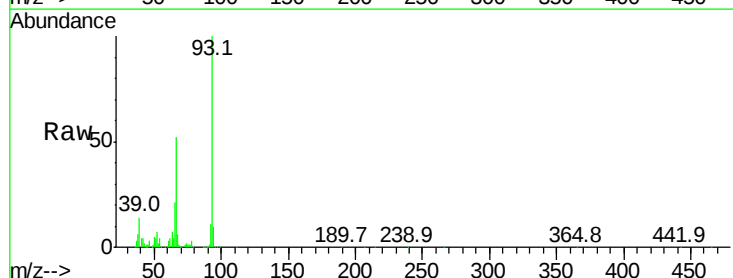
Acq: 16 Jul 2018 17:06

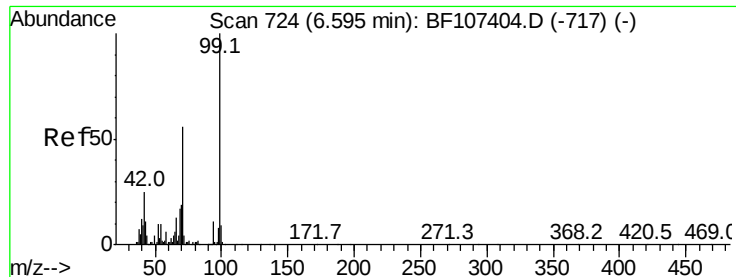
Tgt Ion: 93 Resp: 590035
Ion Ratio Lower Upper

93 100

66 51.6 32.2 48.2#

65 21.0 16.4 24.6





#7

Phenol-d6

Concen: 74.931 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071618

Tot Ion: 99 Resp: 872686

Ion Ratio Lower Upper

99 100

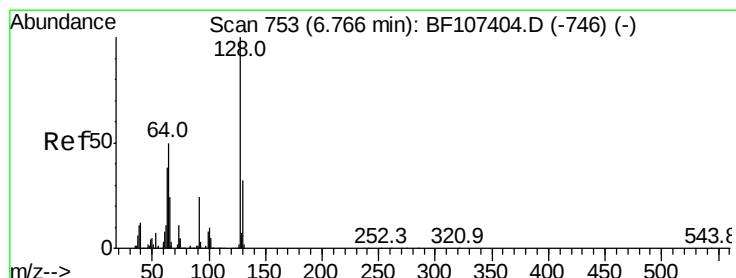
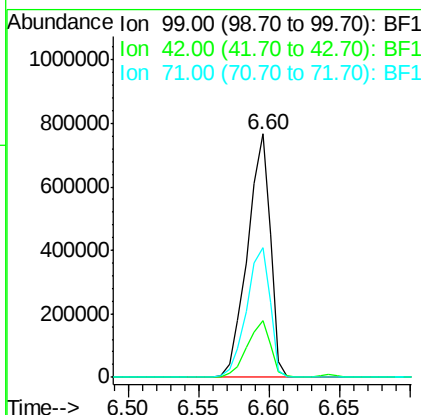
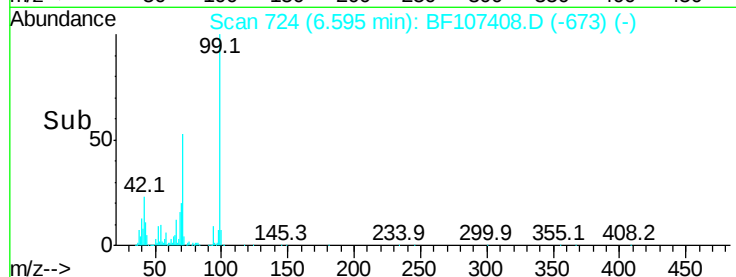
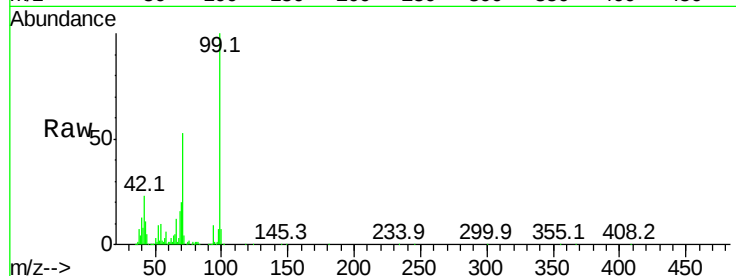
42 23.2 14.5 21.7#

71 53.2 25.4 38.0#

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#8

2-Chlorophenol

Concen: 36.991 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

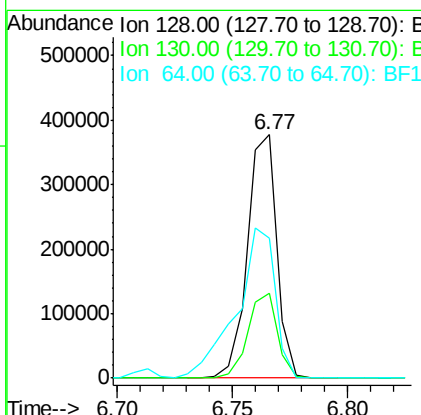
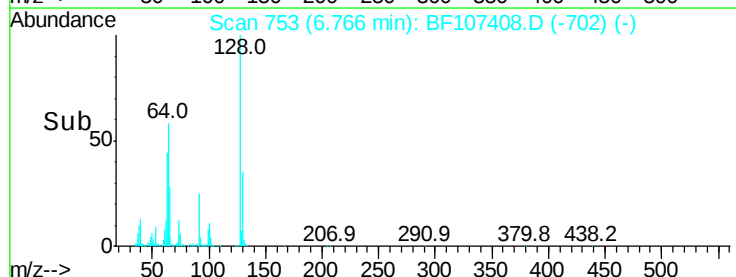
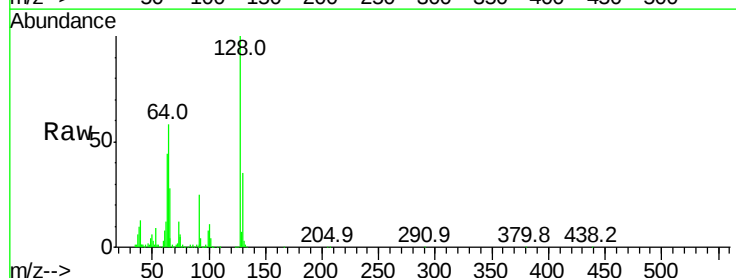
Tgt Ion: 128 Resp: 336987

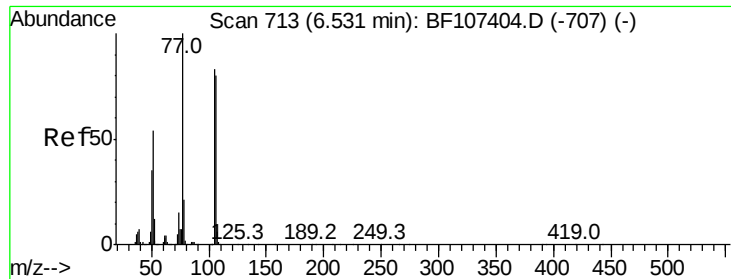
Ion Ratio Lower Upper

128 100

130 34.7 13.0 53.0

64 57.6 29.4 69.4





#9

Benzaldehyde

Concen: 37.451 ng

RT: 6.53 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

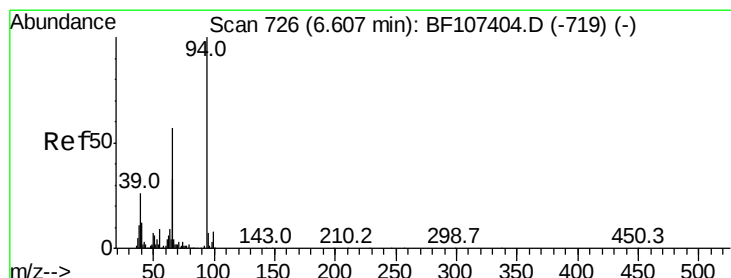
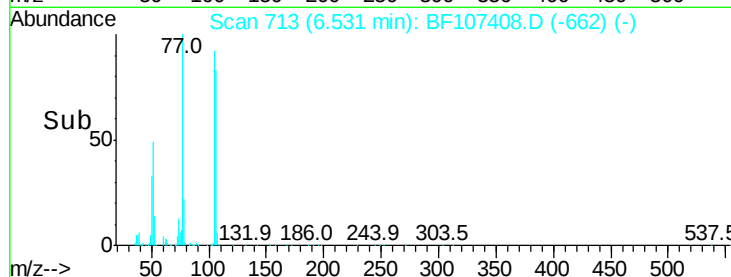
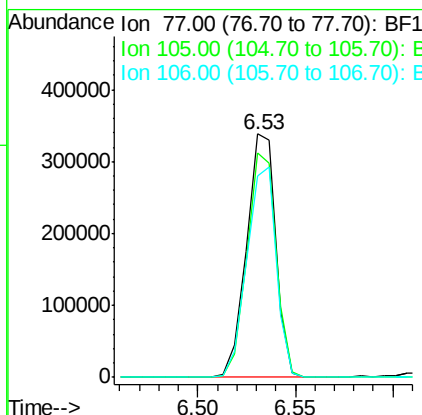
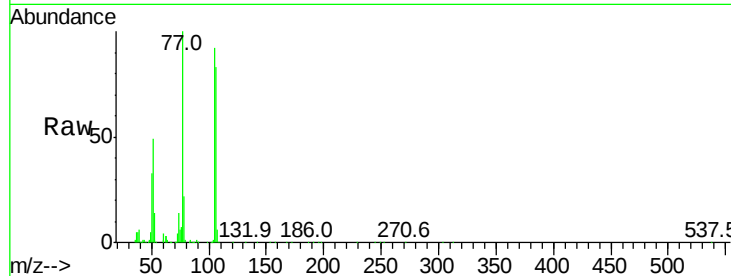
ClientSampleId :

ICVBF071618

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.4	81.1	121.1
106	82.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 37.336 ng

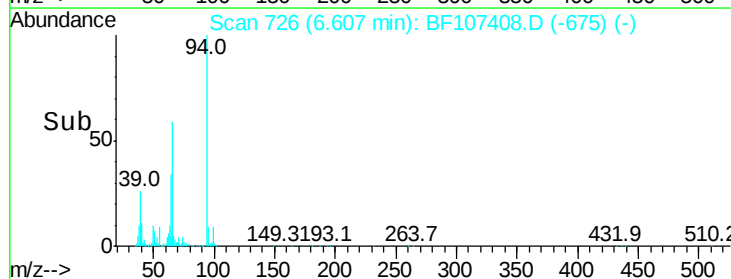
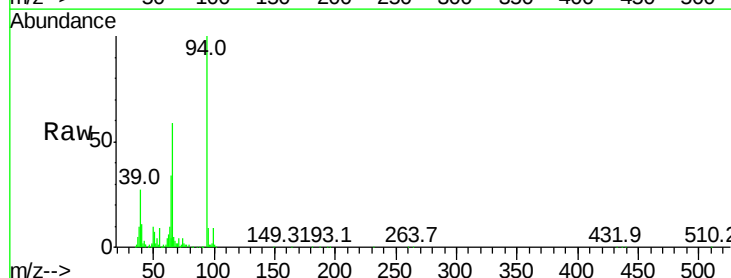
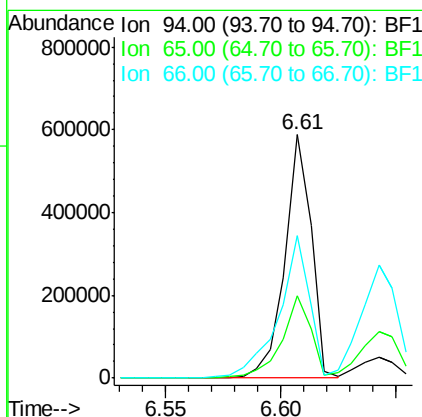
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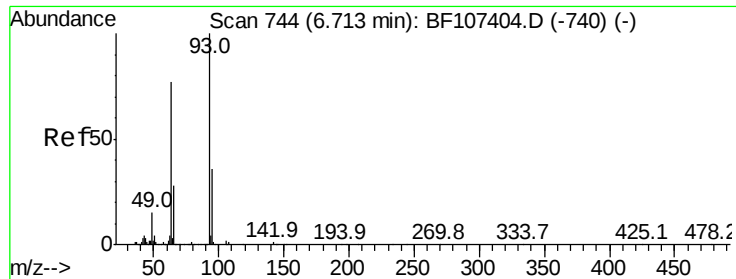
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.0	7.9	47.9
66	58.7	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.640 ng

RT: 6.71 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

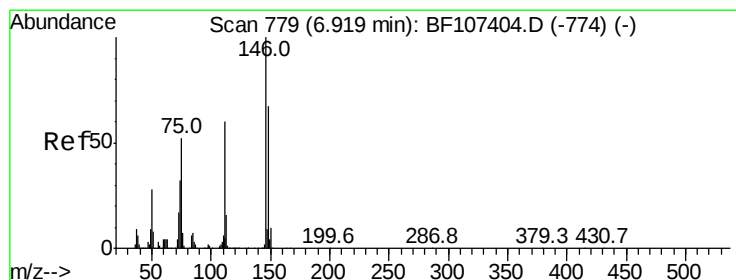
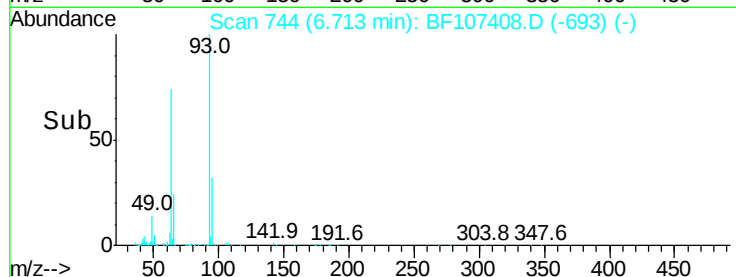
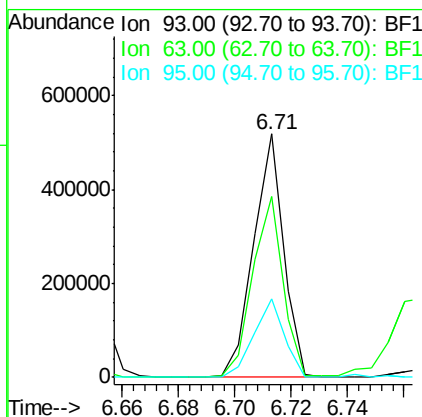
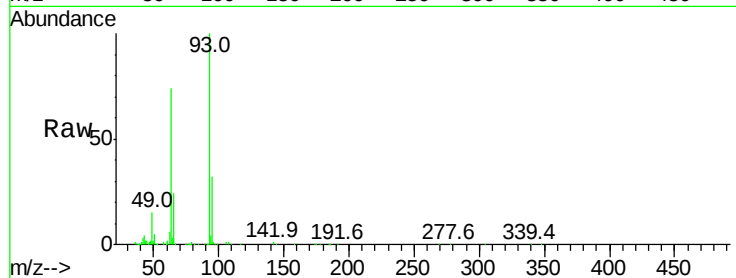
ClientSampleId :

ICVBF071618

Tot Ion	93	Resp	383532
Ion Ratio	Lower	Upper	
93	100		
63	74.2	58.6	98.6
95	32.5	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 38.852 ng

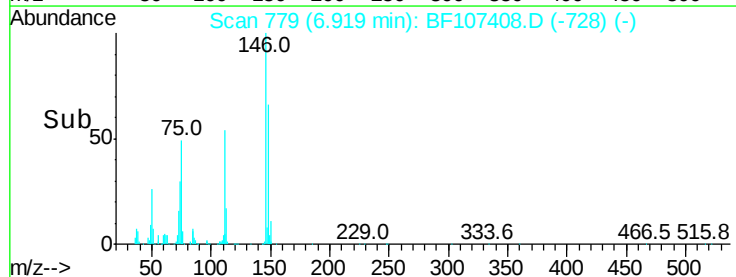
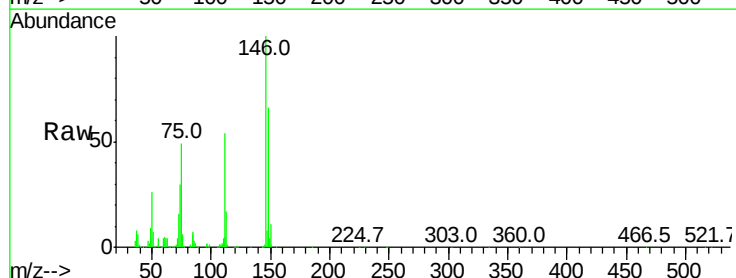
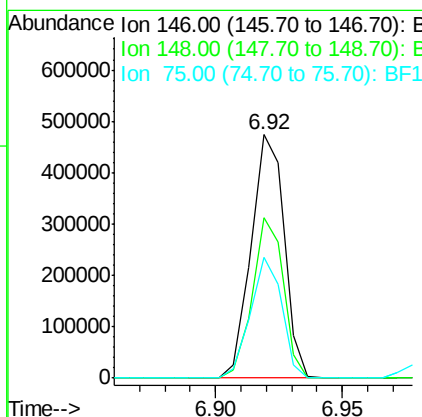
RT: 6.92 min Scan# 779

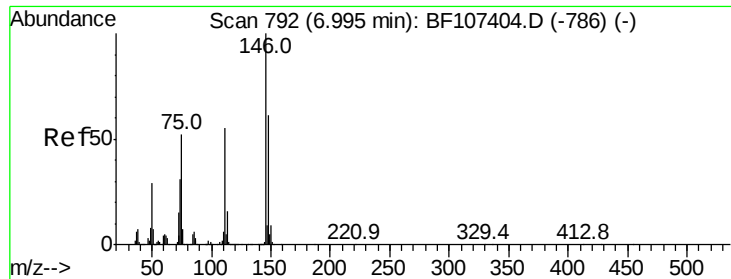
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion	146	Resp	429707
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.8	77.8
75	49.5	24.2	36.4#





#13

1,4-Dichlorobenzene

Concen: 37.021 ng

RT: 7.00 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

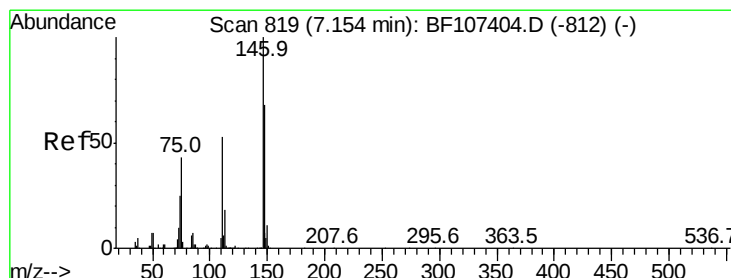
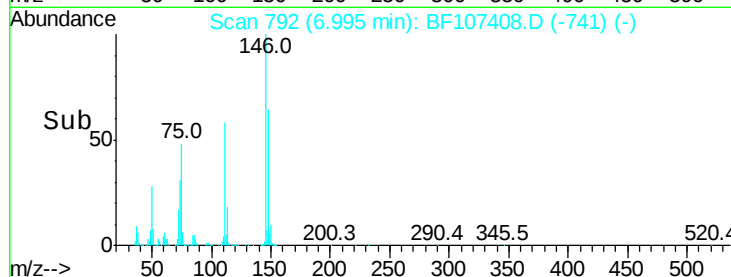
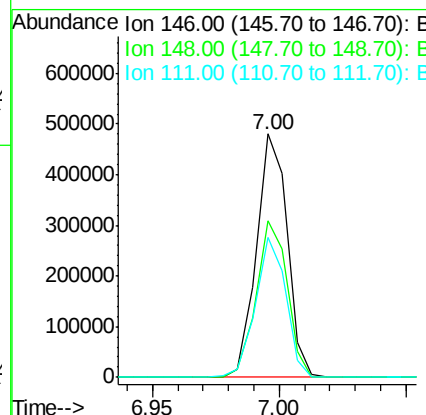
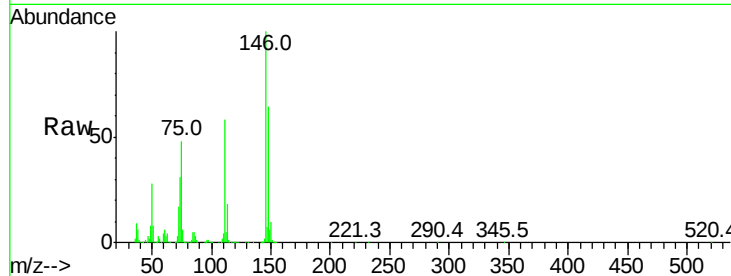
ClientSampleId :

ICVBF071618

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	57.7	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.806 ng

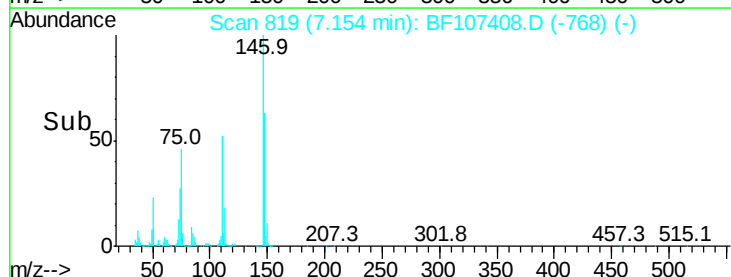
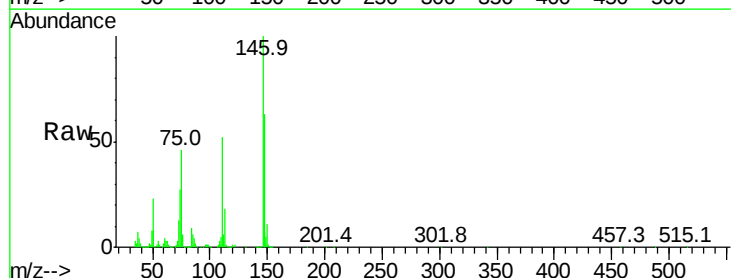
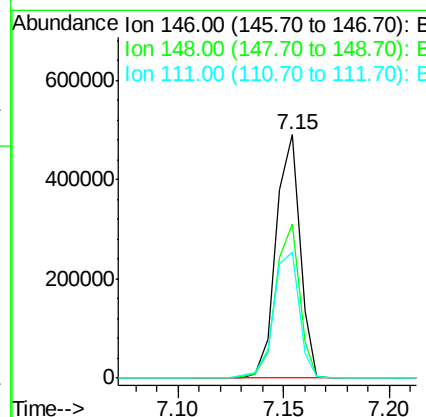
RT: 7.15 min Scan# 819

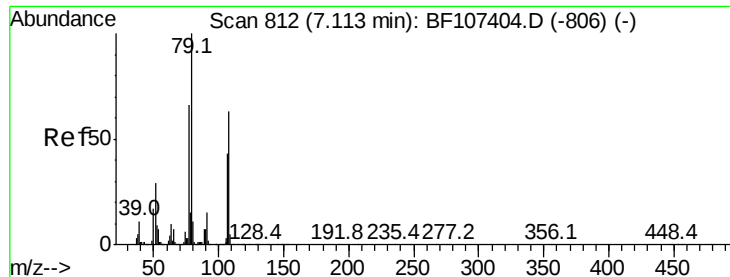
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	51.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.101 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

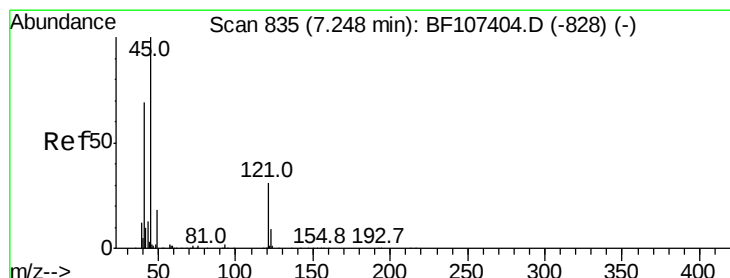
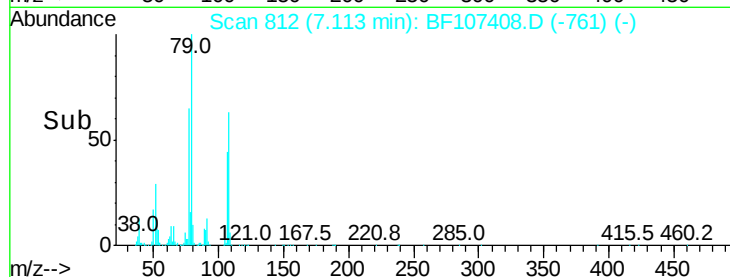
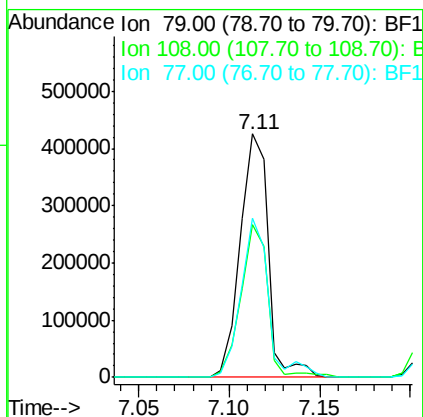
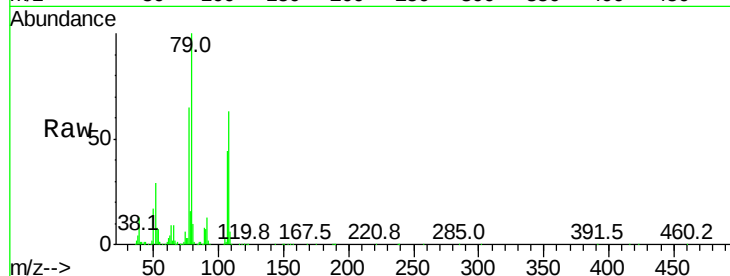
ClientSampleId :

ICVBF071618

Tot Ion	Ratio	Lower	Upper
79	100		
108	62.8	65.1	97.7#
77	65.3	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.032 ng

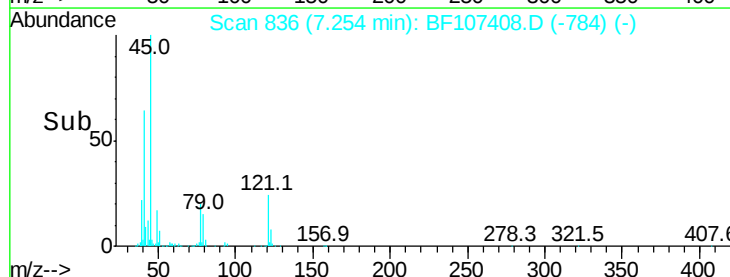
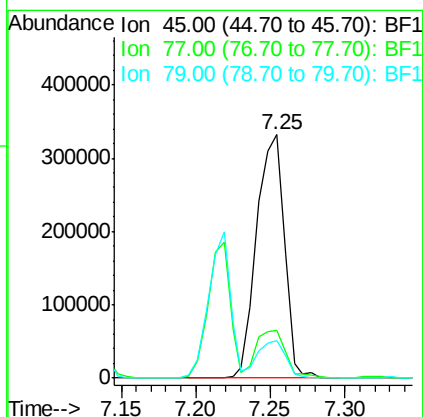
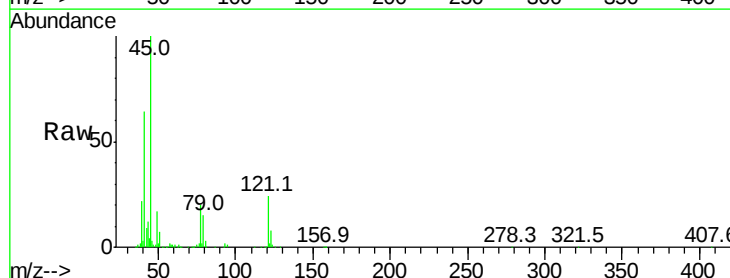
RT: 7.25 min Scan# 836

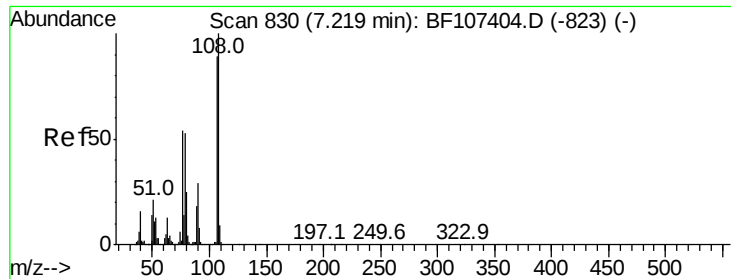
Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.7	0.0	32.9
79	15.3	0.0	29.6





#17

2-Methylphenol

Concen: 37.789 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

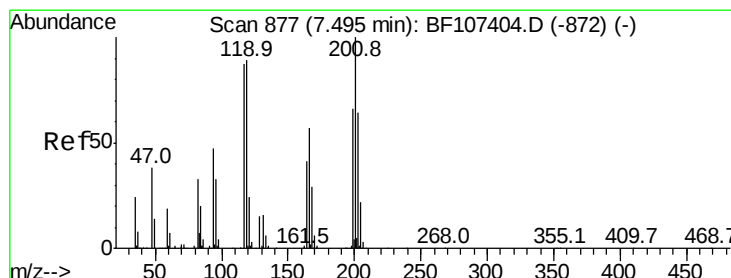
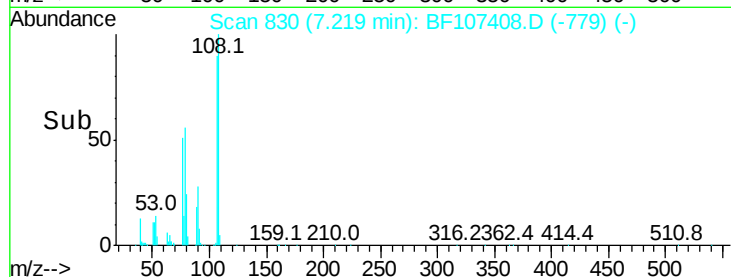
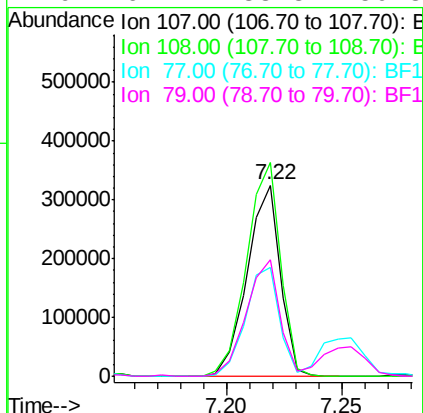
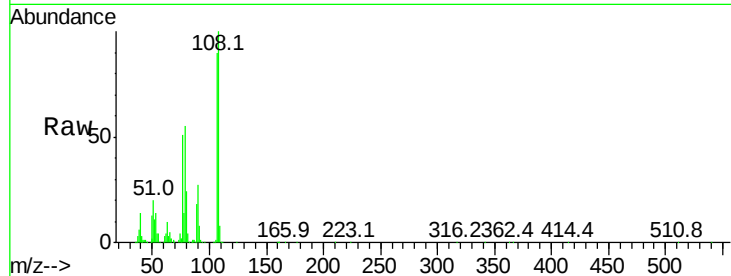
ClientSampleId :

ICVBF071618

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	91.7	137.5	
77	56.8	33.8	50.8#	
79	61.1	33.8	50.8#	

Manual Integrations
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#18

Hexachloroethane

Concen: 40.197 ng

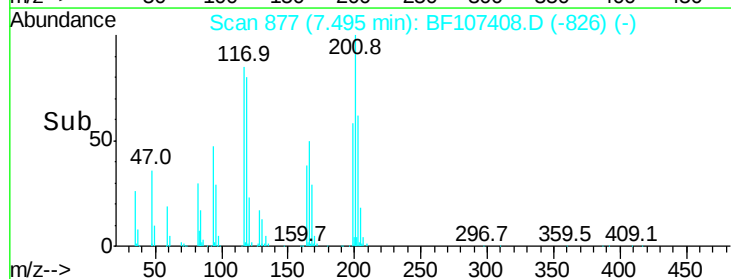
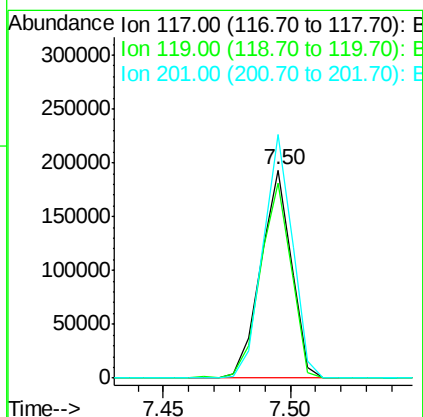
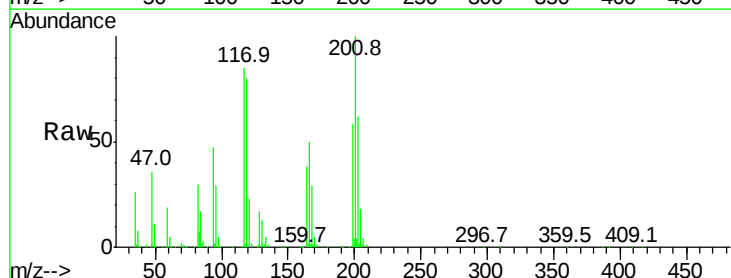
RT: 7.50 min Scan# 877

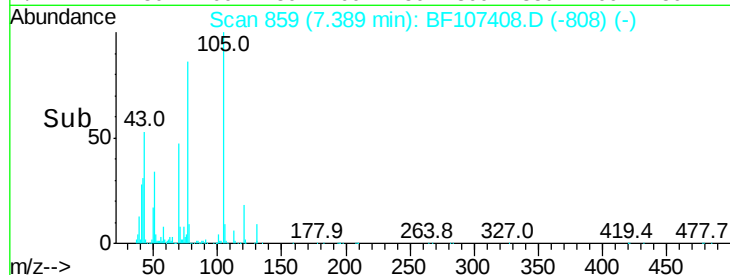
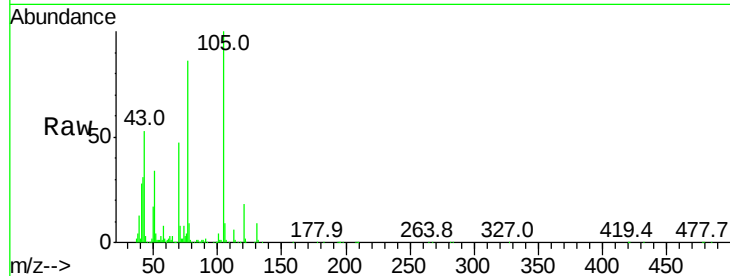
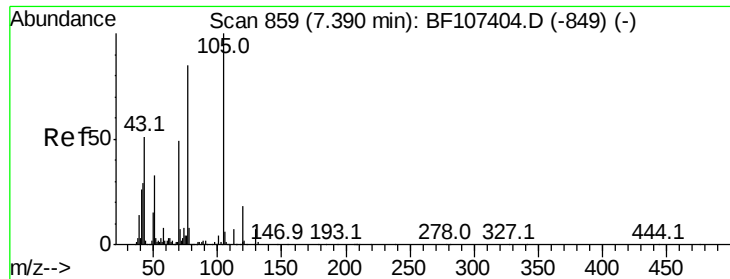
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	75.8	113.8	
201	117.1	75.7	113.5#	





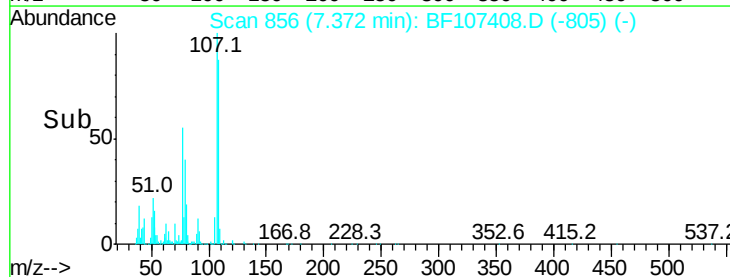
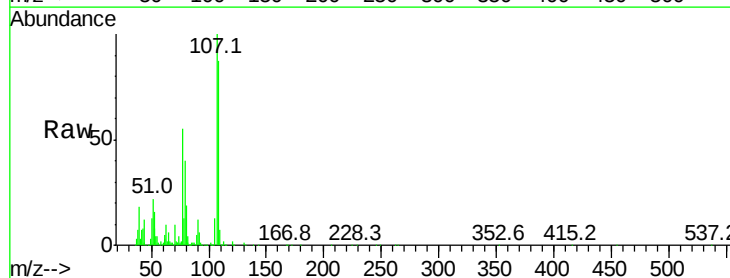
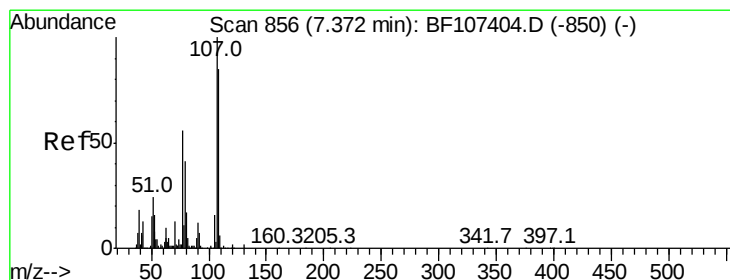
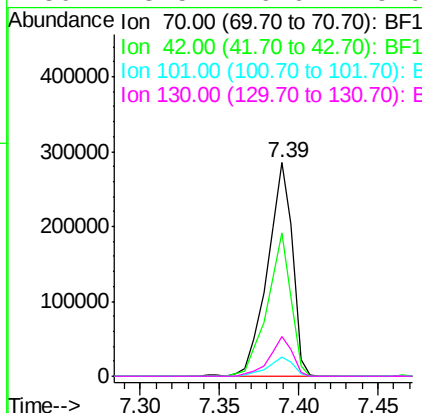
#19
n-Nitroso-di-n-propylamine
Concen: 37.652 ng
RT: 7.39 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.9	47.5	71.3	
101	9.0	7.4	11.2	
130	18.5	16.6	25.0	

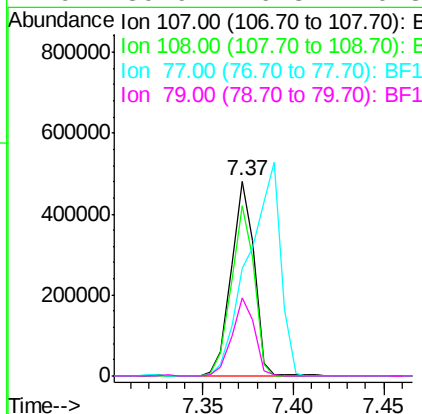
Manual Integrations
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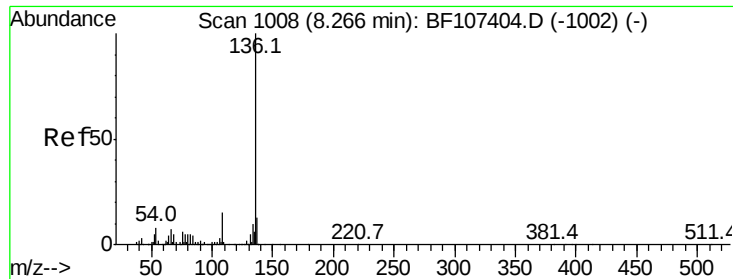
Sohil
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#20
3+4-Methylphenols
Concen: 38.658 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	68.2	108.2	
77	54.9	26.7	66.7	
79	39.9	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

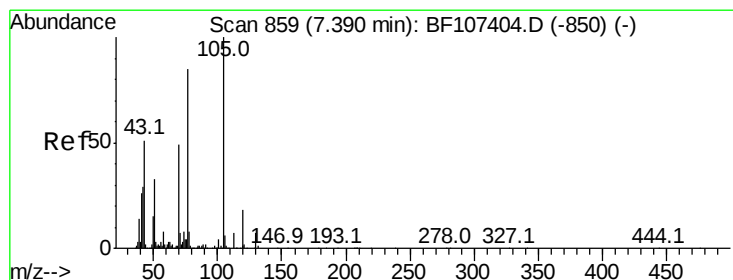
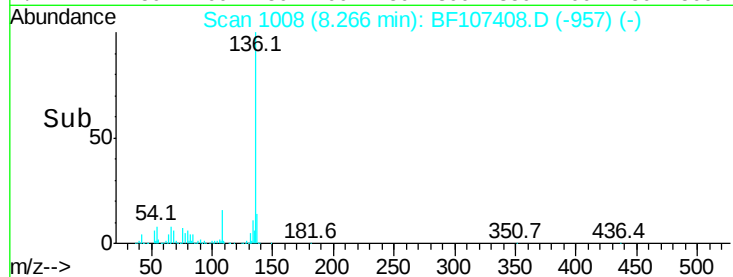
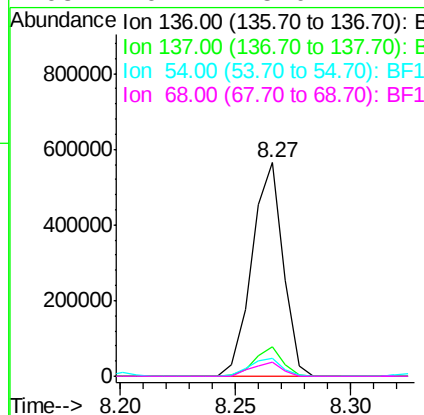
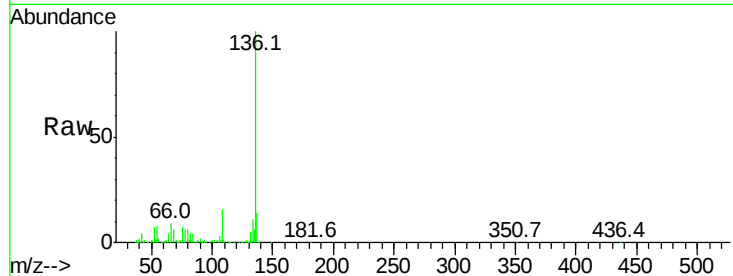
ClientSampleId :

ICVBF071618

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	13.8	8.9	13.3#
54	8.4	6.6	9.8
68	6.4	5.0	7.4

Manual Integrations
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#22

Acetophenone

Concen: 37.729 ng

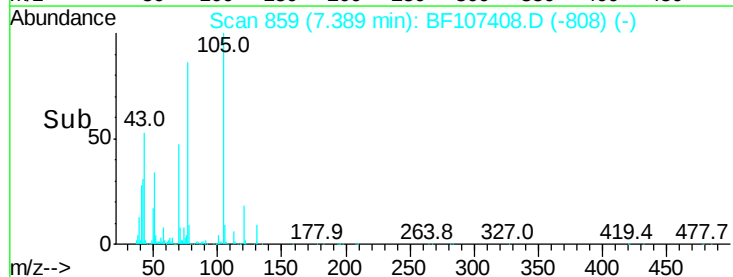
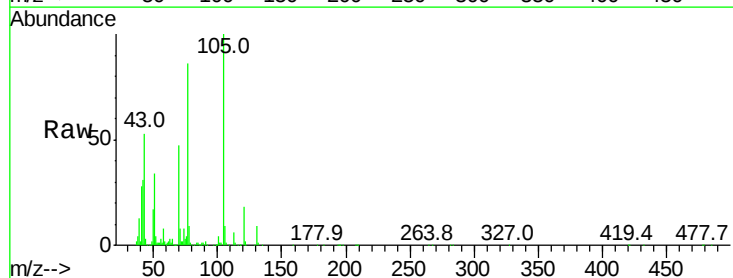
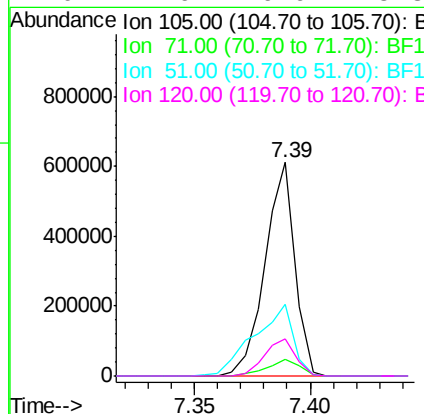
RT: 7.39 min Scan# 859

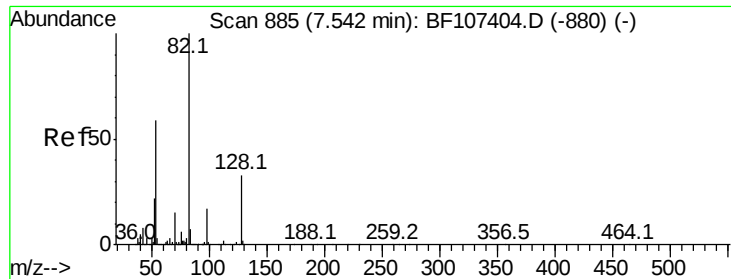
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.1	4.4	6.6#
51	33.7	22.3	33.5#
120	17.6	16.9	25.3





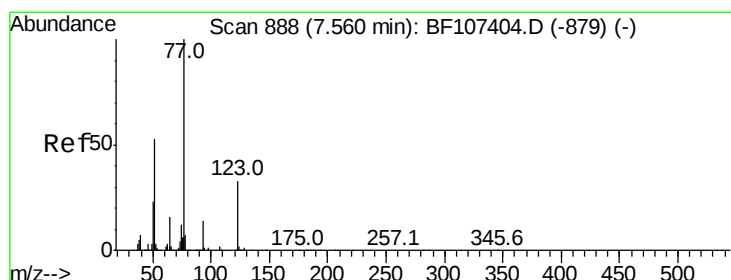
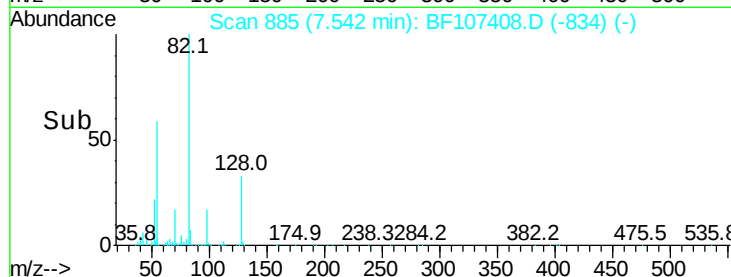
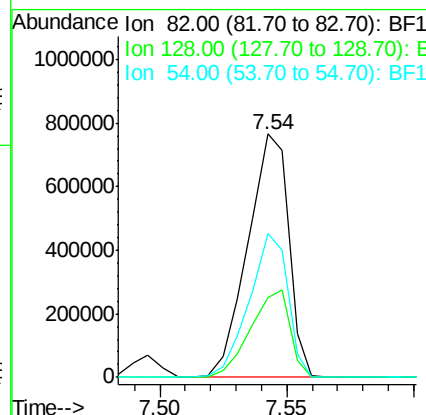
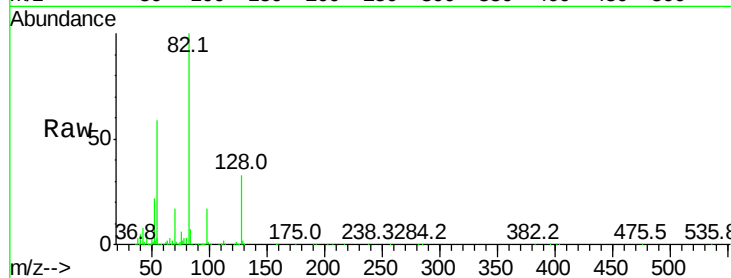
#23
Nitrobenzene-d5
Concen: 86.496 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	36.1	54.1#
54	59.0	41.4	62.2

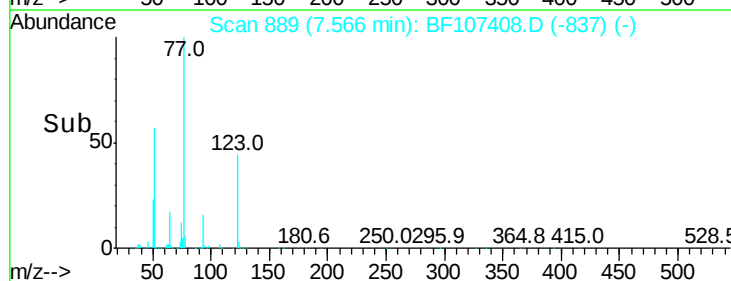
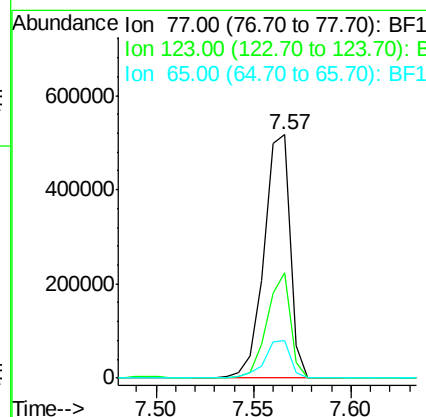
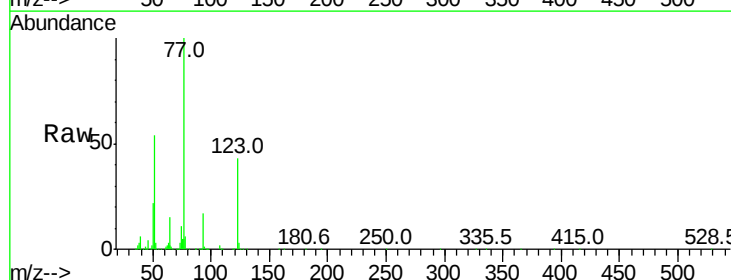
Manual Integrations
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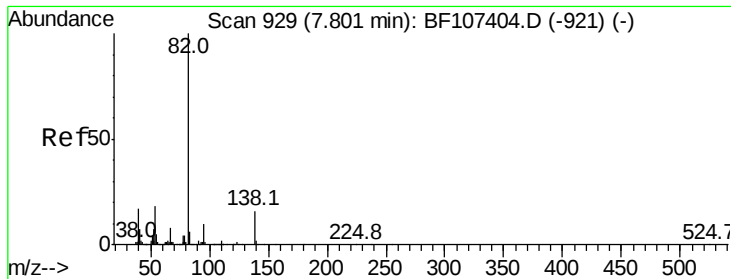
Sohil
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#24
Nitrobenzene
Concen: 42.822 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	37.9	56.9
65	15.4	11.0	16.4





#25

Isophorone

Concen: 37.697 ng

RT: 7.80 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

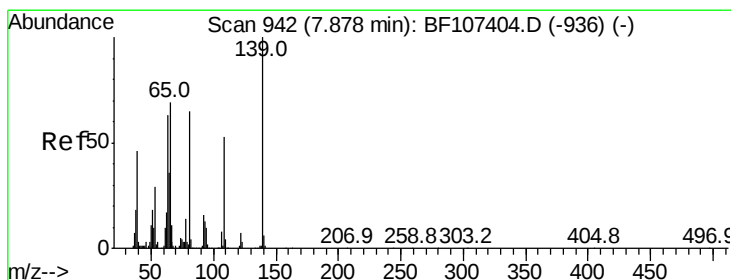
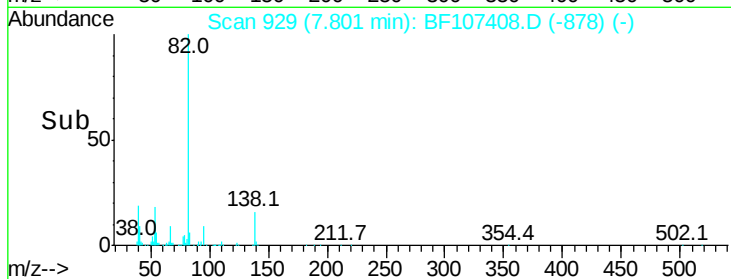
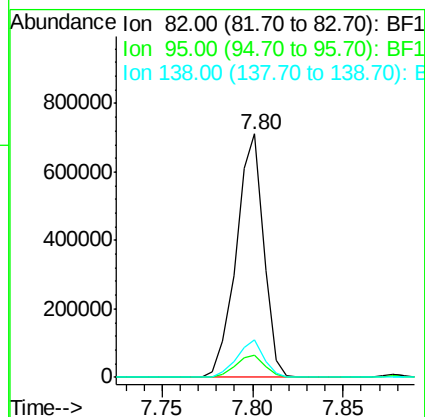
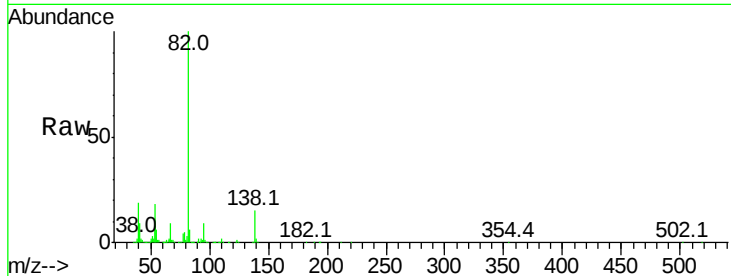
ClientSampleId :

ICVBF071618

Tot Ion:	82	Resp:	743755
Ion Ratio	Lower	Upper	
82	100		
95	8.9	5.2	7.8#
138	15.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.027 ng

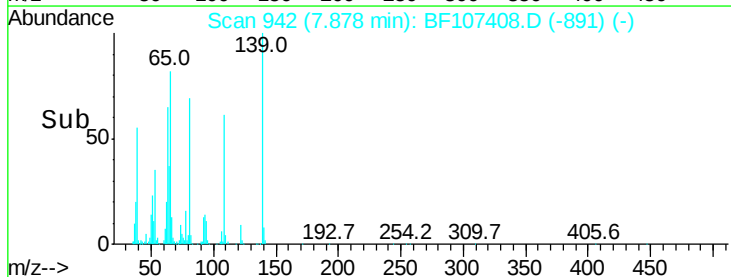
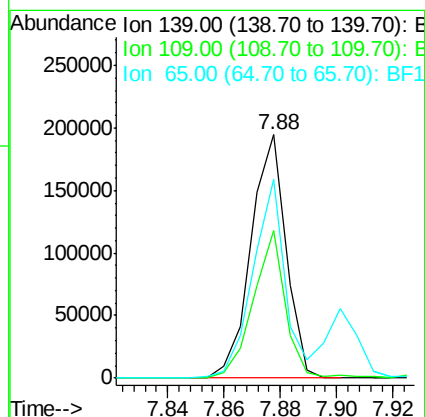
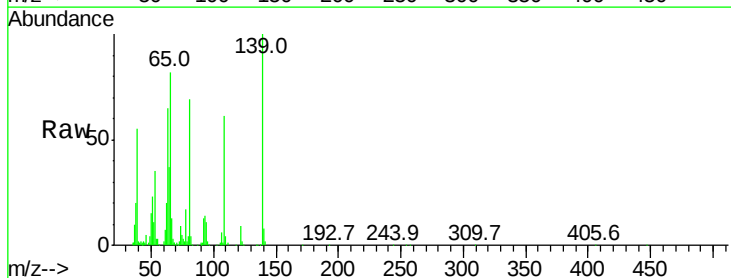
RT: 7.88 min Scan# 942

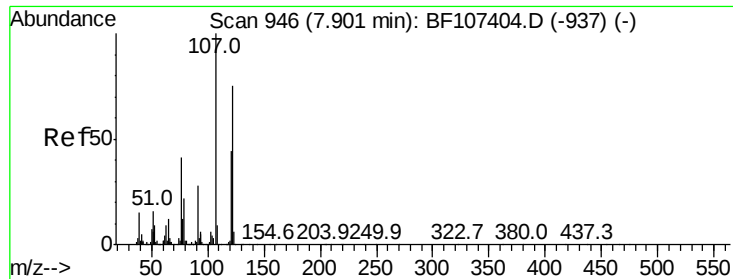
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:	139	Resp:	167413
Ion Ratio	Lower	Upper	
139	100		
109	60.6	22.7	34.1#
65	81.6	40.5	60.7#





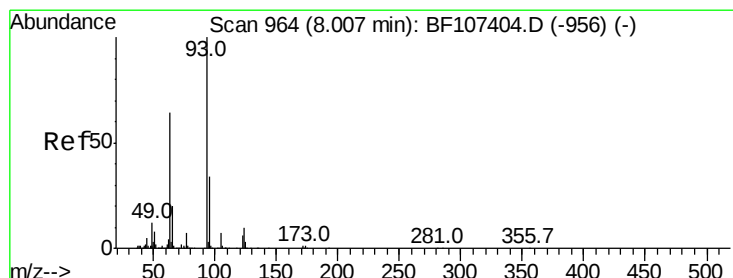
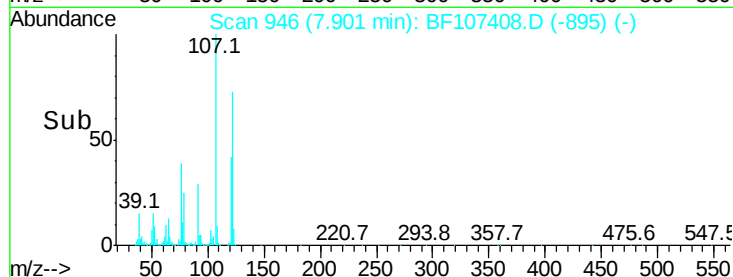
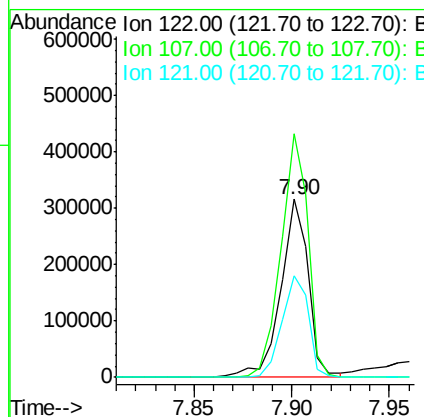
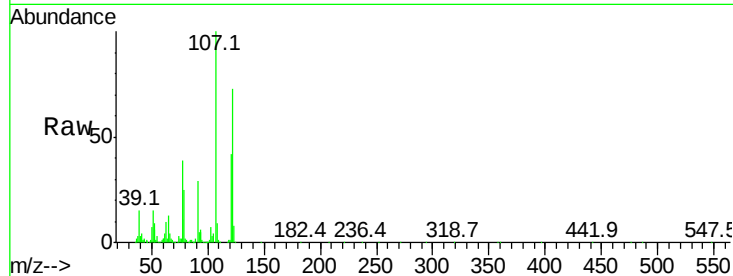
#27
2,4-Dimethylphenol
Concen: 38.899 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.7	91.2	136.8
121	57.3	47.2	70.8

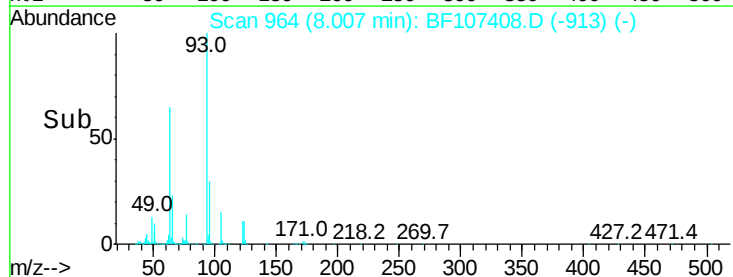
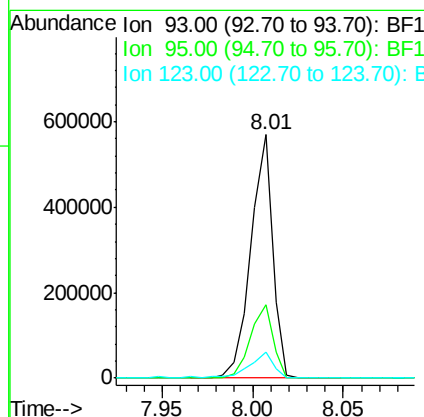
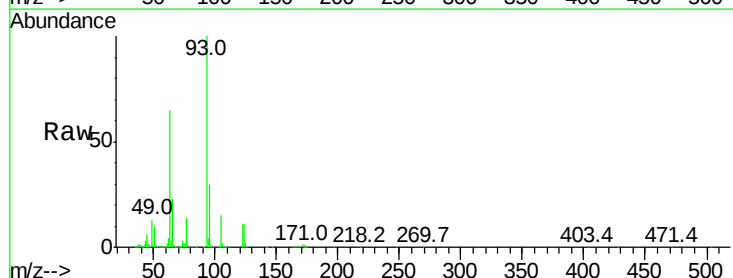
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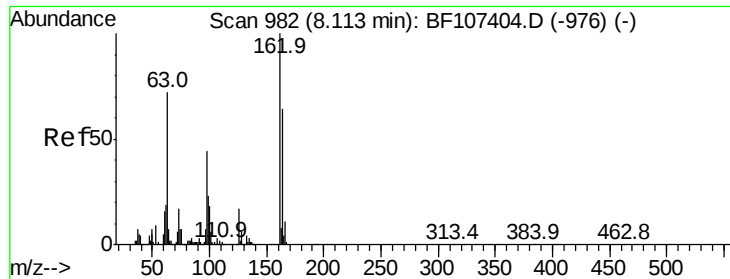
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 38.693 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.2	26.3	39.5
123	10.9	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 39.570 ng

RT: 8.11 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

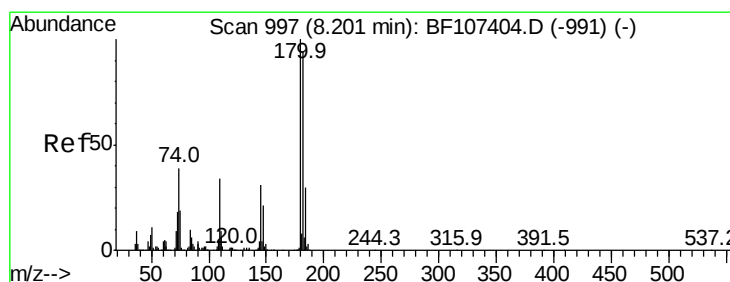
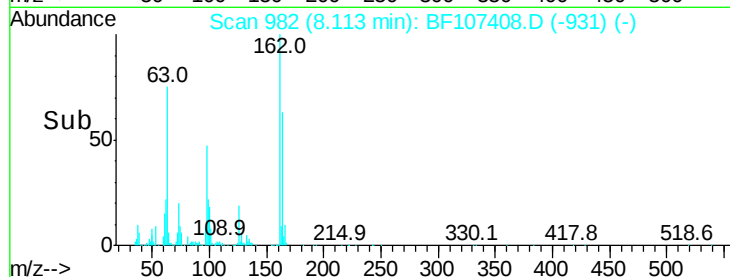
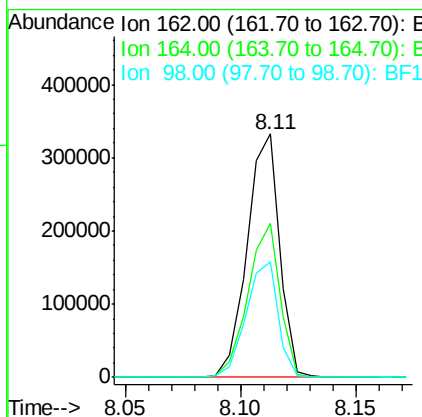
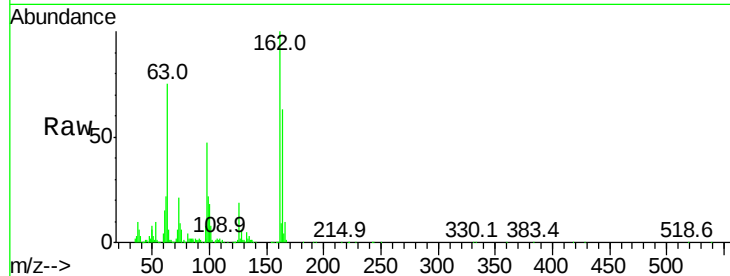
ICVBF071618

Tot Ion:	162	Resp:	326514
Ion Ratio	Lower	Upper	
162	100		
164	63.3	42.7	82.7
98	47.5	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 37.281 ng

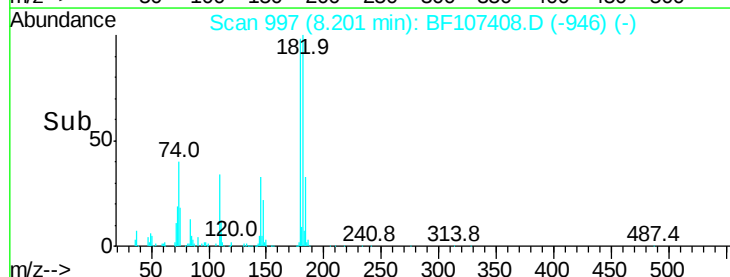
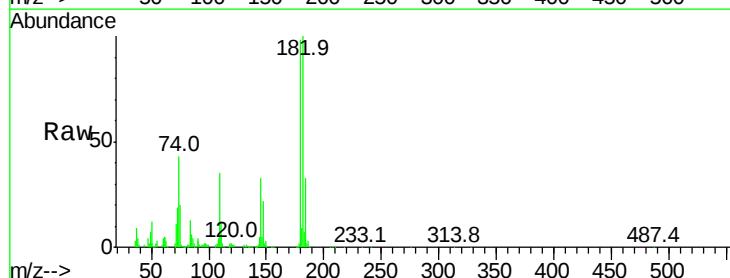
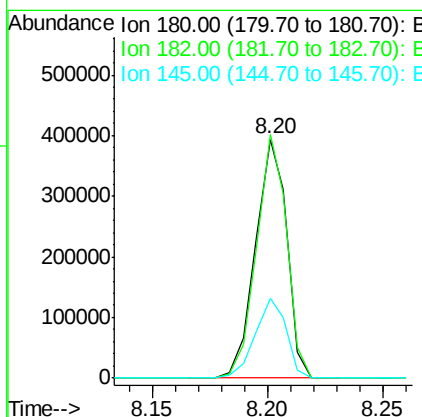
RT: 8.20 min Scan# 997

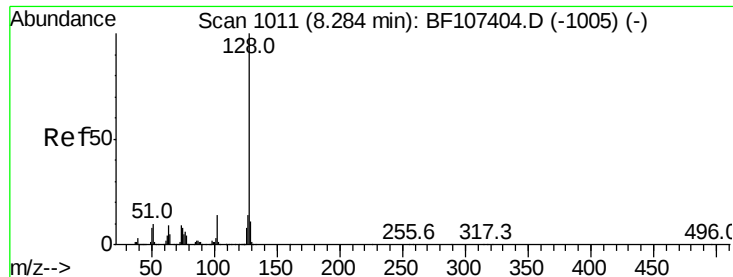
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:	180	Resp:	372522
Ion Ratio	Lower	Upper	
180	100		
182	101.8	76.8	115.2
145	33.3	26.5	39.7





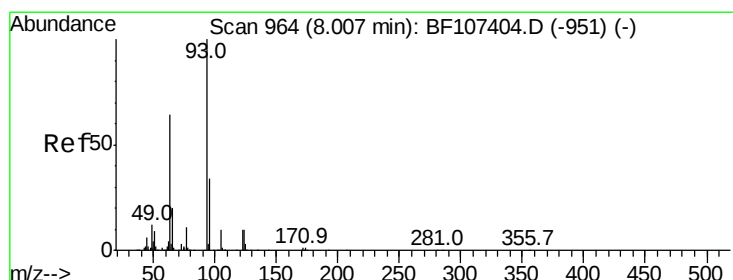
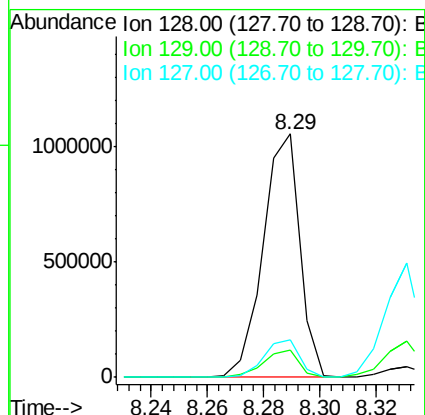
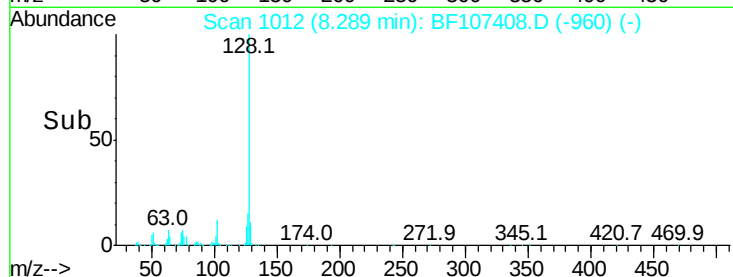
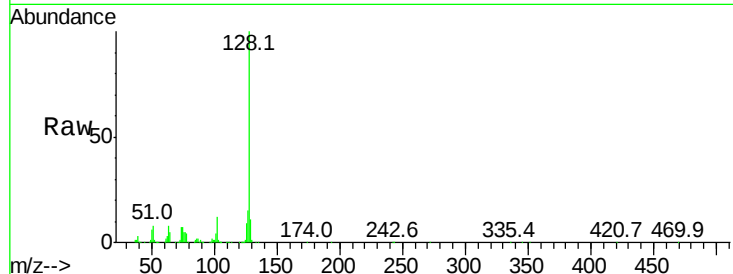
#31
Naphthalene
Concen: 36.993 ng
RT: 8.29 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.1	8.8	13.2
127	15.4	10.9	16.3

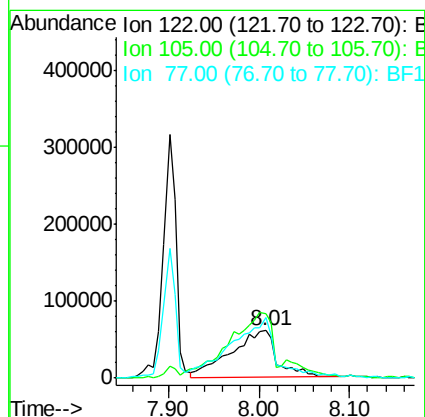
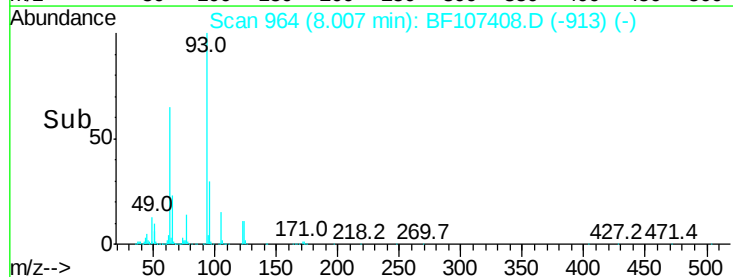
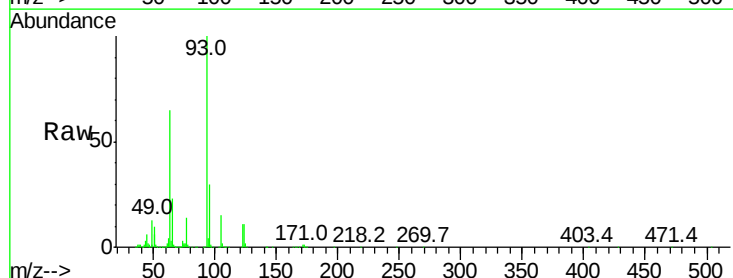
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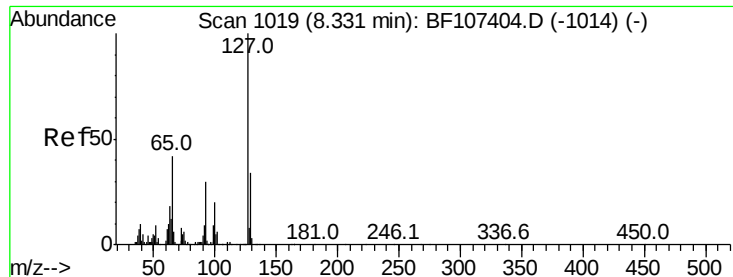
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#32
Benzoic acid
Concen: 44.711 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	135.0	101.1	141.1
77	127.1	70.7	110.7#





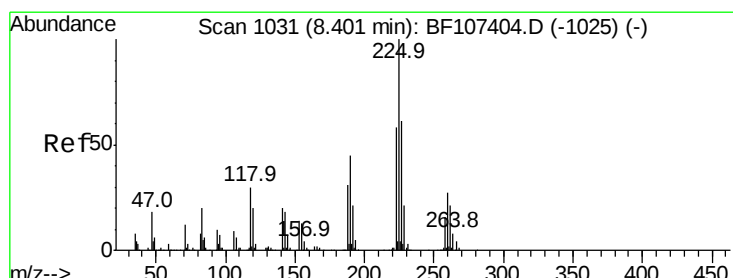
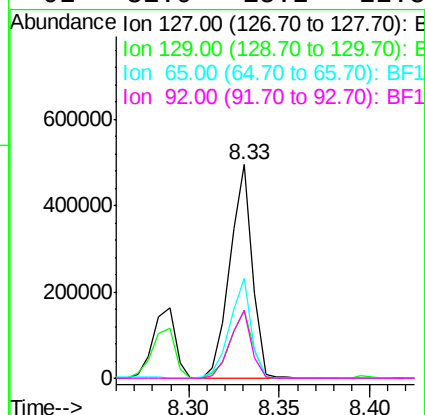
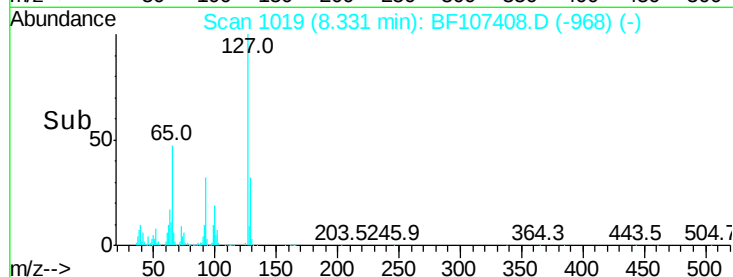
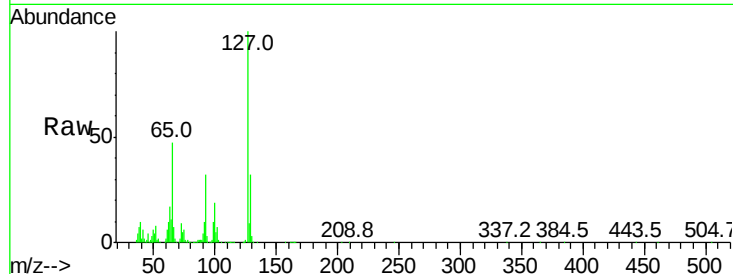
#33
4-Chloroaniline
Concen: 38.189 ng
RT: 8.33 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	47.1	25.0	37.4#
92	31.9	15.2	22.8#

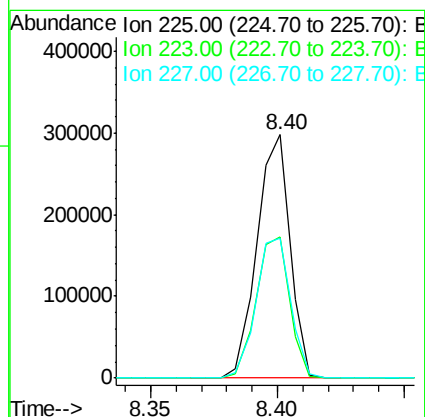
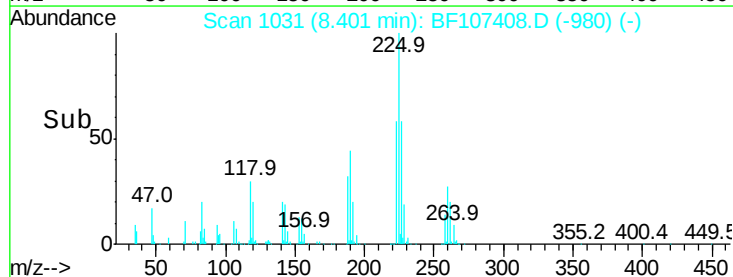
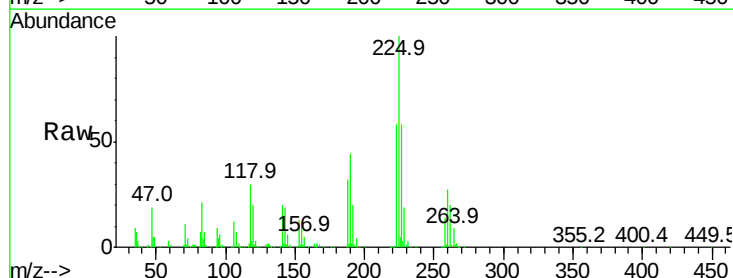
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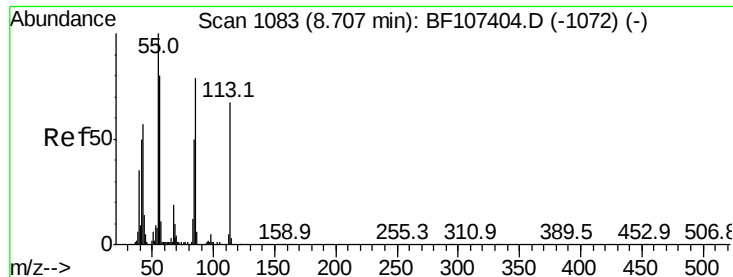
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#34
Hexachlorobutadiene
Concen: 40.662 ng
RT: 8.40 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.1	50.6	76.0
227	57.6	51.9	77.9





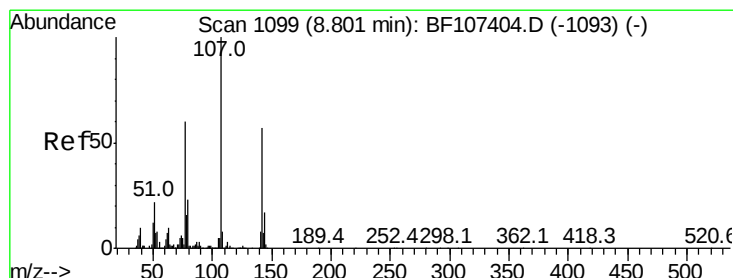
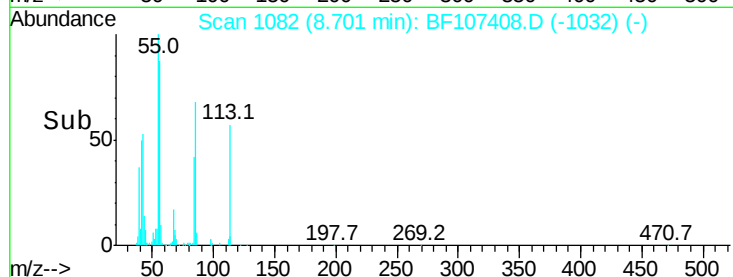
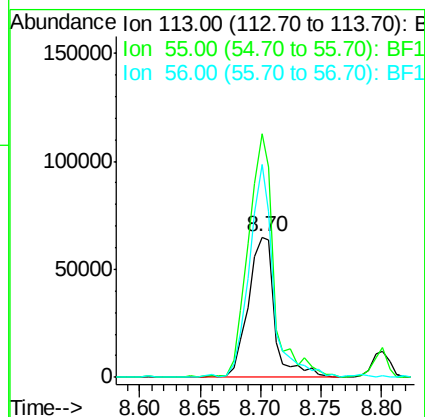
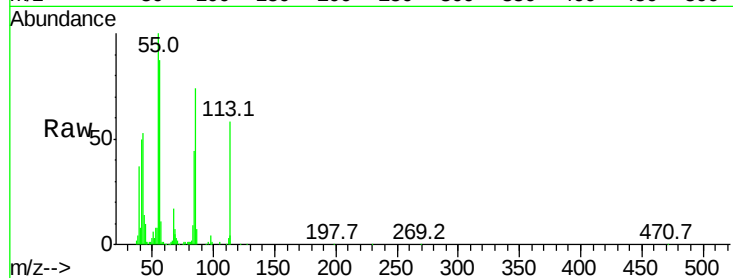
#35
Caprolactam
Concen: 37.234 ng
RT: 8.70 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		99942		
55	173.7	163.3	203.3		
56	151.9	115.7	155.7		

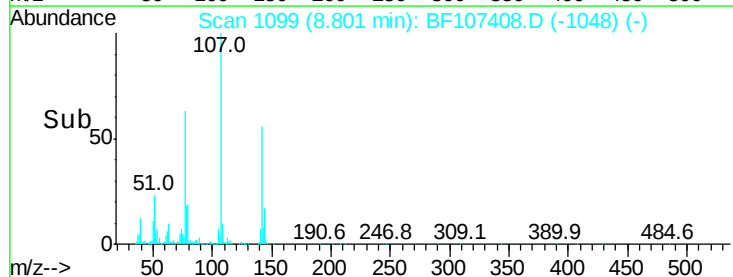
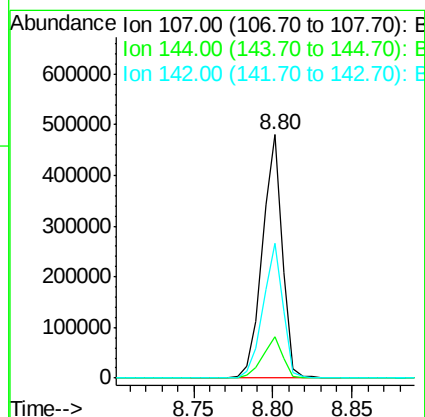
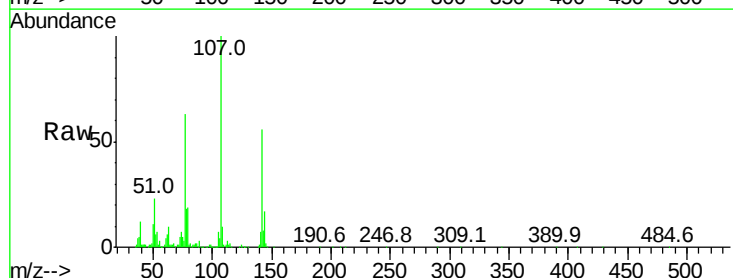
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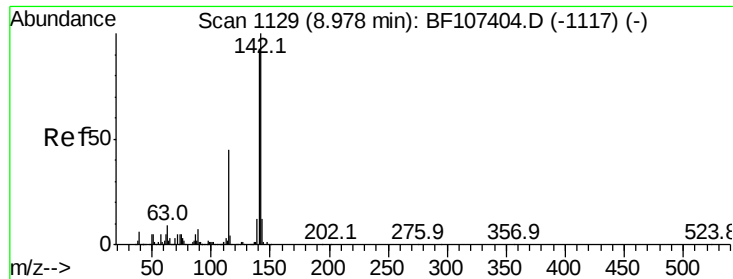
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#36
4-Chloro-3-methylphenol
Concen: 39.128 ng
RT: 8.80 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		421873		
144	17.1	20.5	30.7#		
142	55.5	62.0	93.0#		





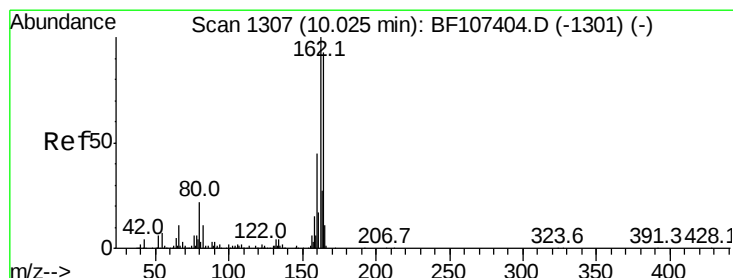
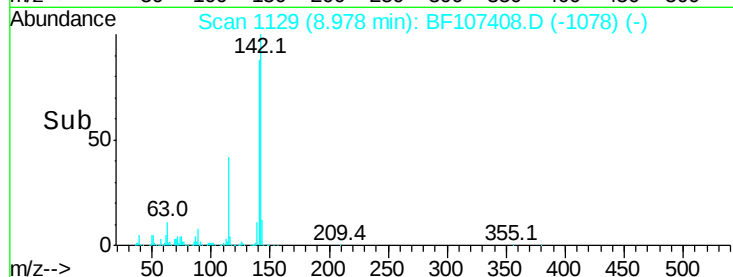
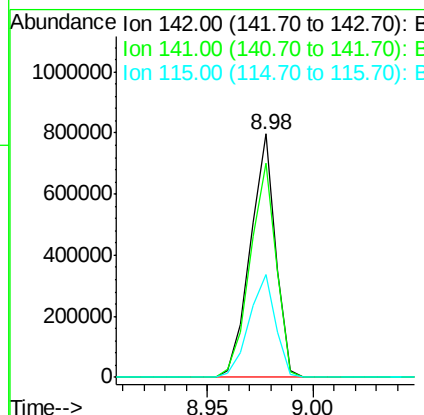
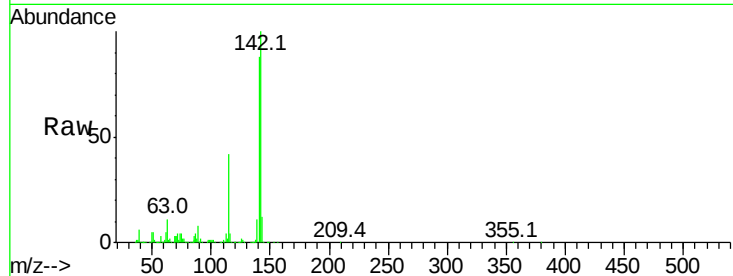
#37
2-Methylnaphthalene
Concen: 38.944 ng
RT: 8.98 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.8	106.2
115	42.1	26.1	39.1#

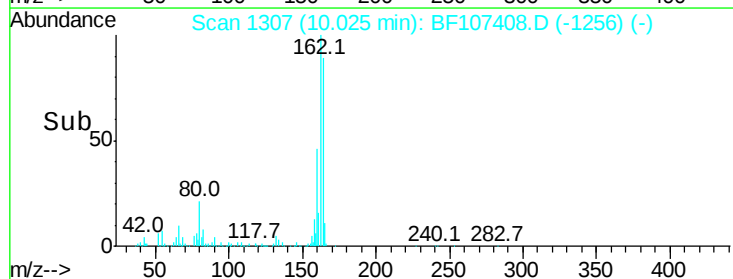
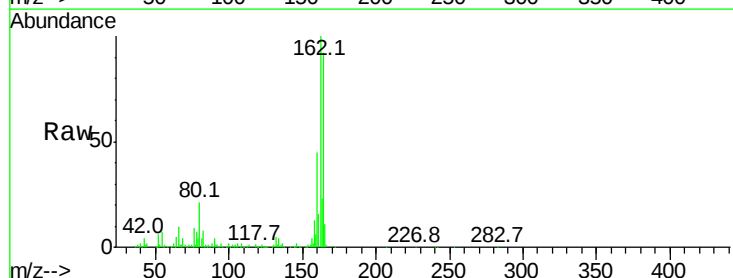
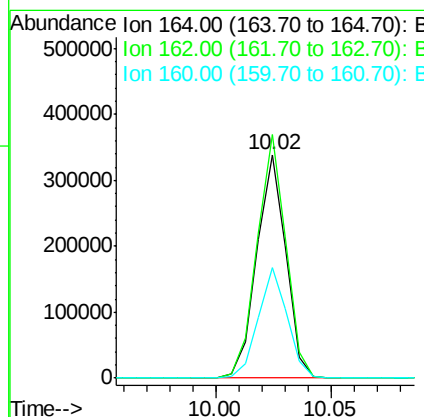
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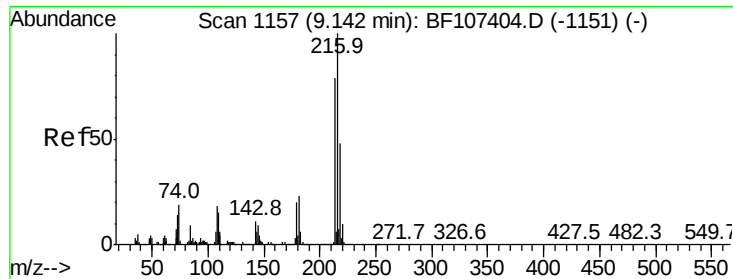
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.8	86.1	129.1
160	49.4	38.3	57.5





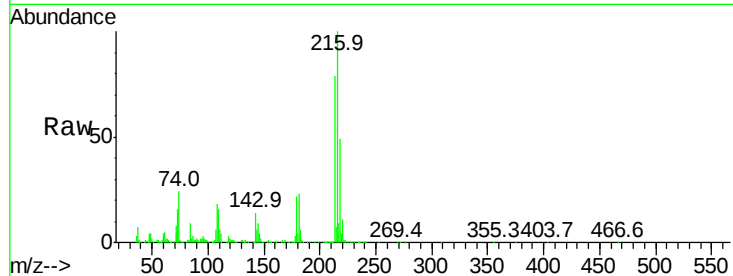
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.293 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071618

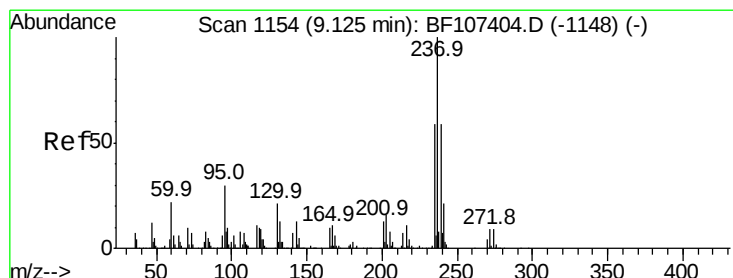
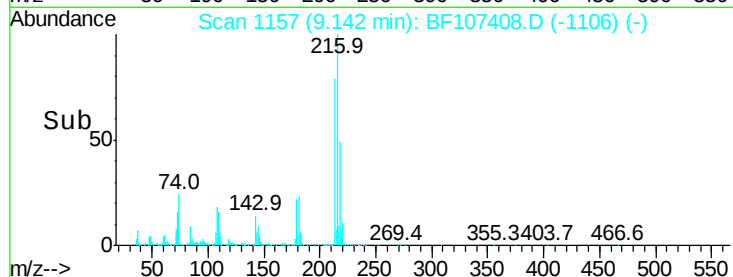
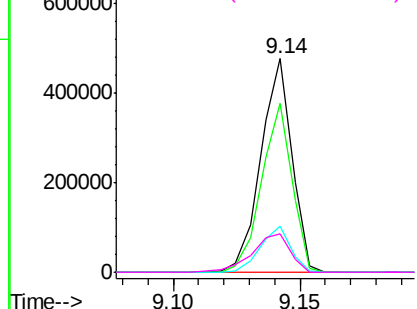
Tot Ion	Ratio	Resp	Lower	Upper
216	100	410418		
214	77.0	63.0	94.4	
179	21.0	18.1	27.1	
108	22.2	17.2	25.8	

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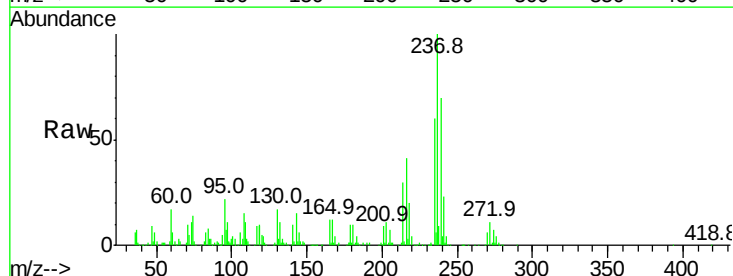


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

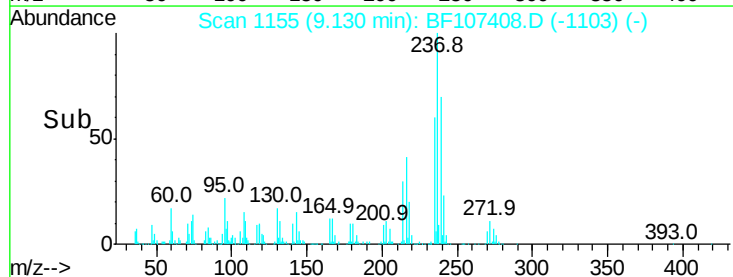
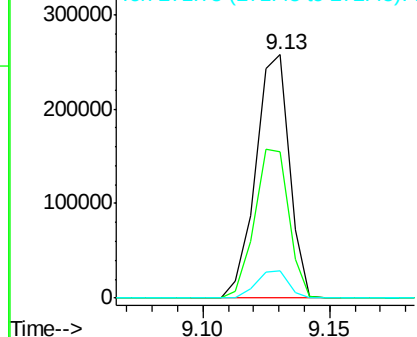


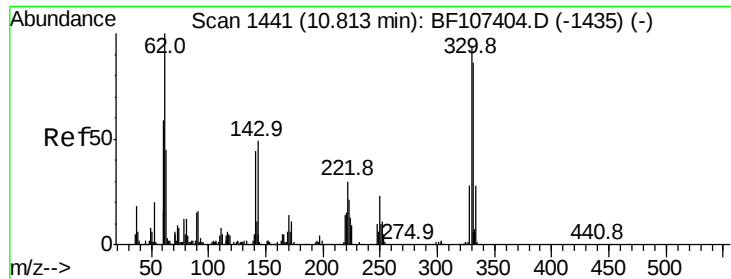
#40
 Hexachlorocyclopentadiene
 Concen: 39.508 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	239967		
235	59.9	44.8	84.8	
272	11.0	0.0	33.3	



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





#41

2,4,6-Tribromophenol

Concen: 73.656 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071618

Tot Ion:330 Resp: 193396

Ion Ratio Lower Upper

330 100

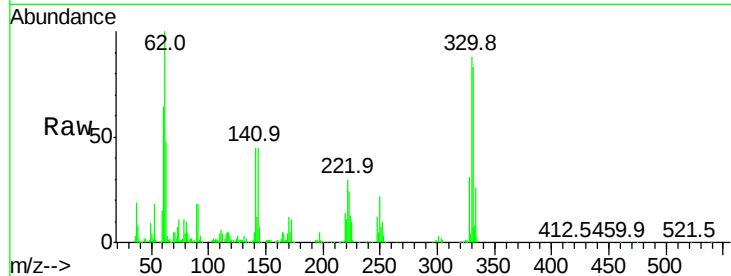
332 98.3 77.0 115.6

141 49.7 29.9 44.9#

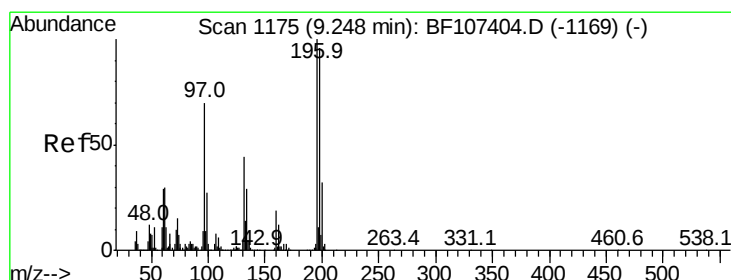
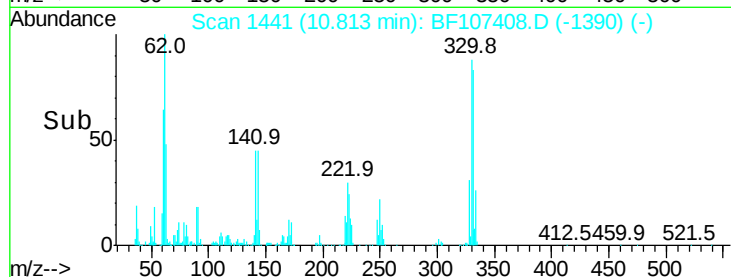
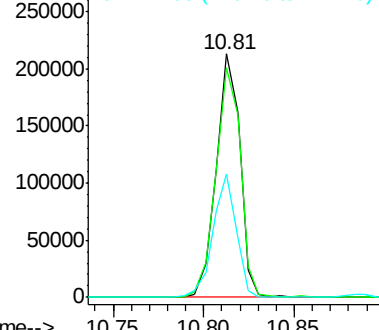
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 36.978 ng

RT: 9.25 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

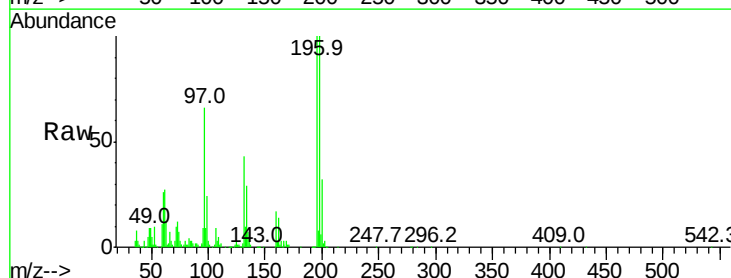
Tgt Ion:196 Resp: 268434

Ion Ratio Lower Upper

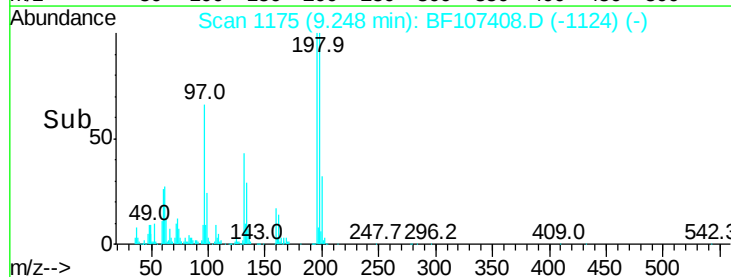
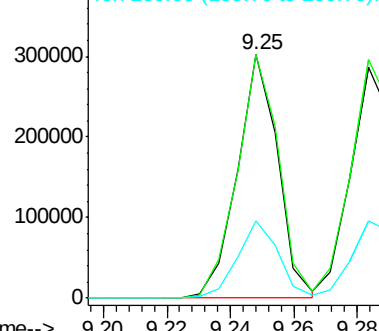
196 100

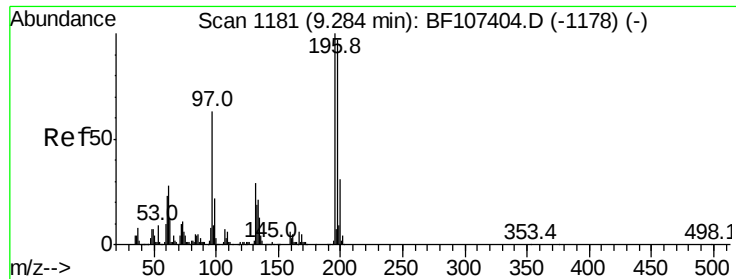
198 100.0 75.7 113.5

200 31.6 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





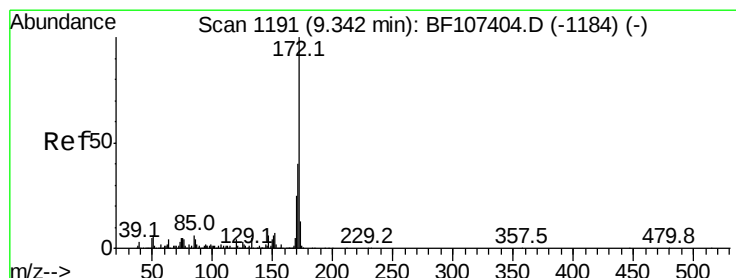
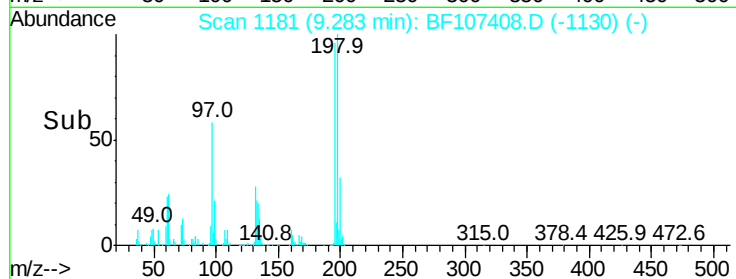
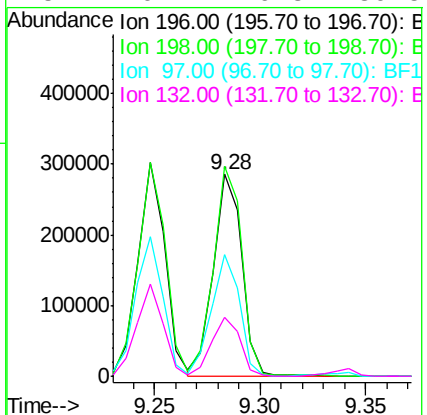
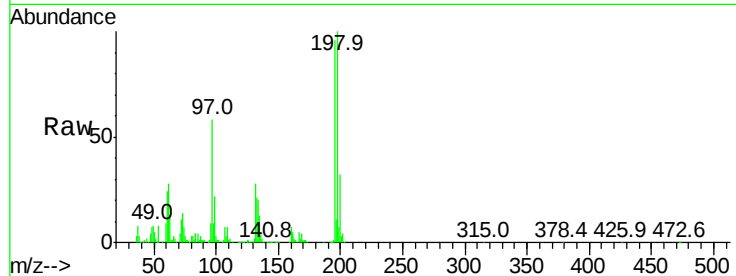
#43
2,4,5-Trichlorophenol
Concen: 38.664 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	196	Resp	268503
Ion Ratio	Lower	Upper	
196	100		
198	103.8	74.6	112.0
97	60.4	42.9	64.3
132	29.4	26.3	39.5

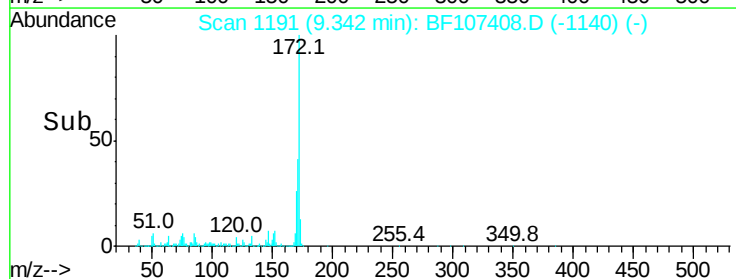
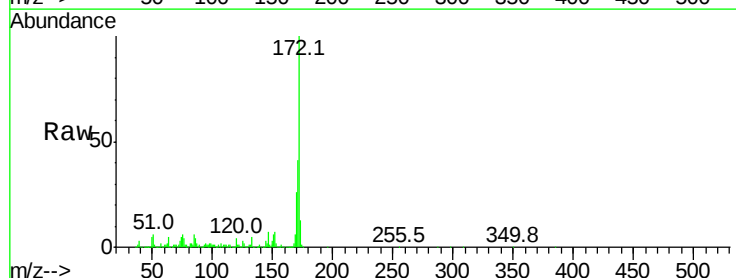
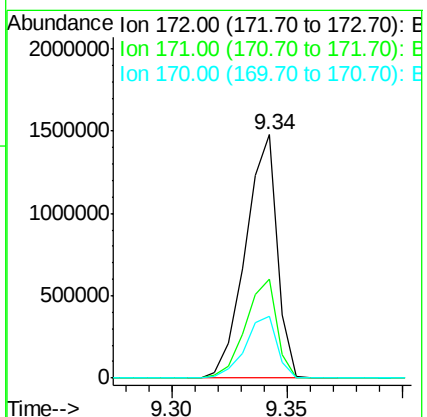
Manual Integrations
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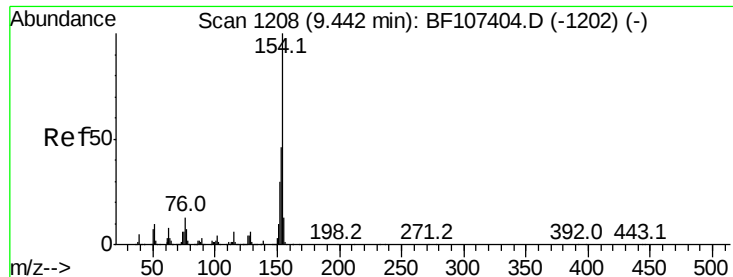
Sohil
7/17/2018 4:52:55 PM



#44
2-Fluorobiphenyl
Concen: 78.064 ng
RT: 9.34 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	172	Resp	1414996
Ion Ratio	Lower	Upper	
172	100		
171	40.6	29.7	44.5
170	25.6	19.6	29.4





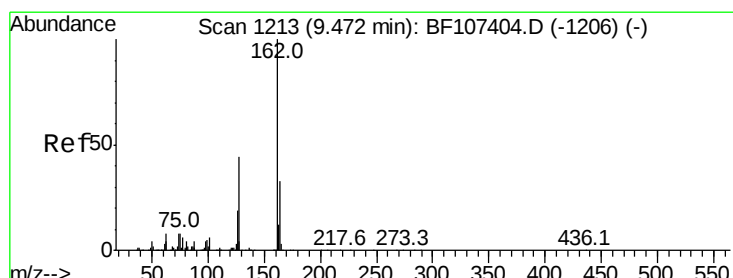
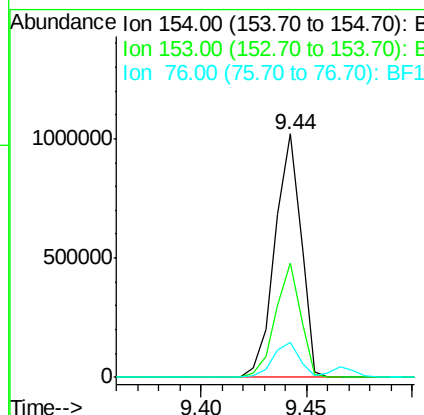
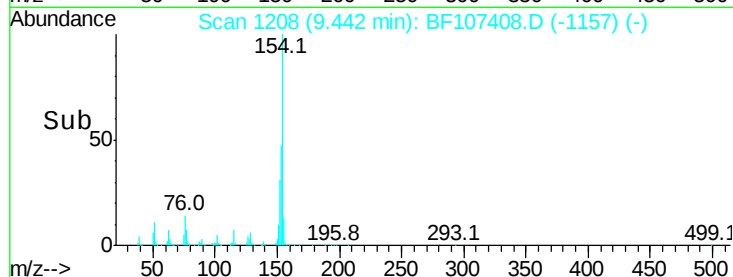
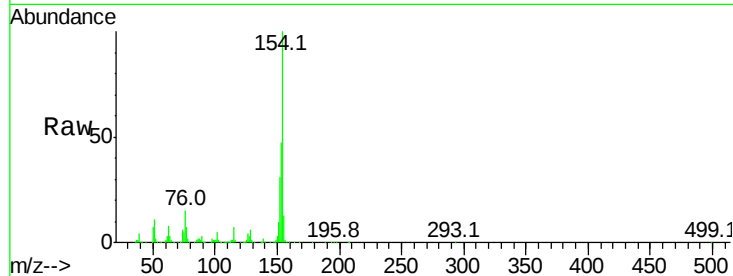
#45
1,1'-Biphenyl
Concen: 34.163 ng
RT: 9.44 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Lower	Upper
154	100		
153	47.1	21.3	61.3
76	14.5	0.0	34.0

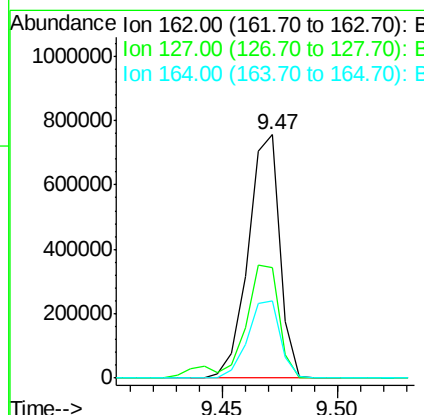
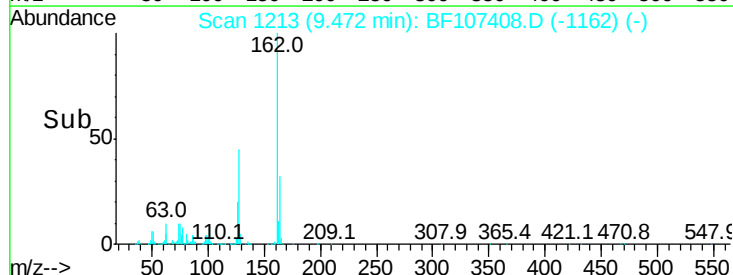
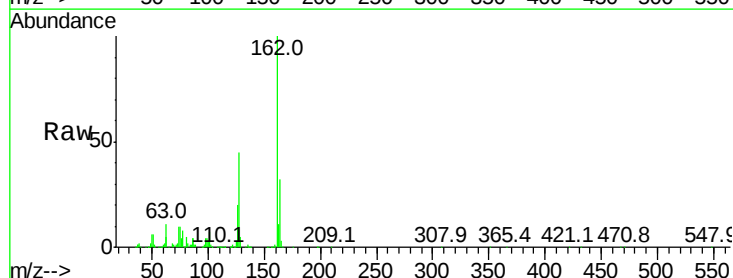
Manual Integrations
APPROVED

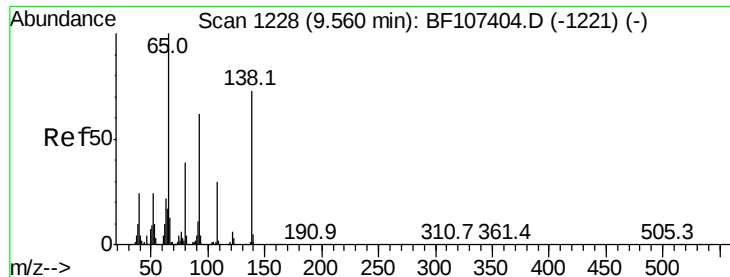
Sohil
7/17/2018 4:52:55 PM



#46
2-Chloronaphthalene
Concen: 35.419 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.3	33.9	50.9
164	31.9	26.5	39.7





#47

2-Nitroaniline

Concen: 41.301 ng

RT: 9.56 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

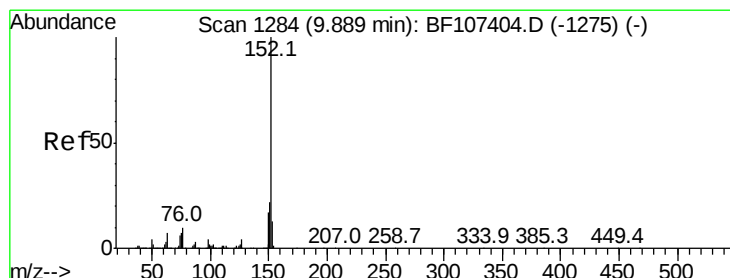
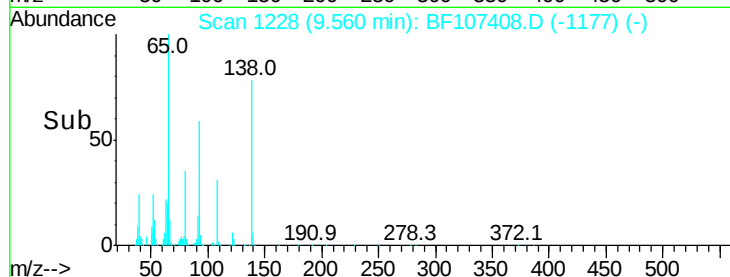
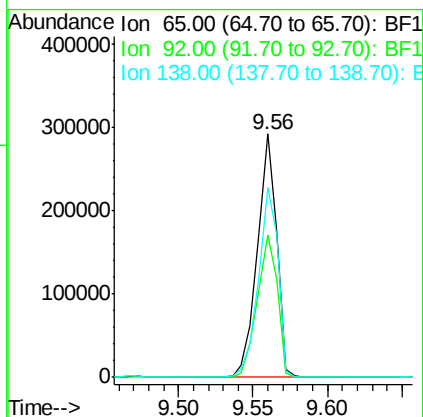
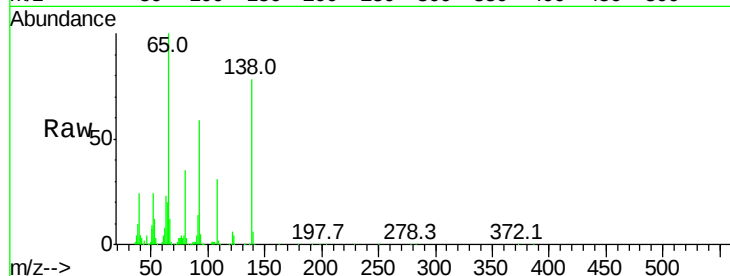
ClientSampleId :

ICVBF071618

Tot Ion	Ratio	Lower	Upper
65	100		
92	58.6	55.8	83.6
138	78.2	91.2	136.8#

Manual Integrations
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7/17/2018 4:52:55 PM



#48

Acenaphthylene

Concen: 36.640 ng

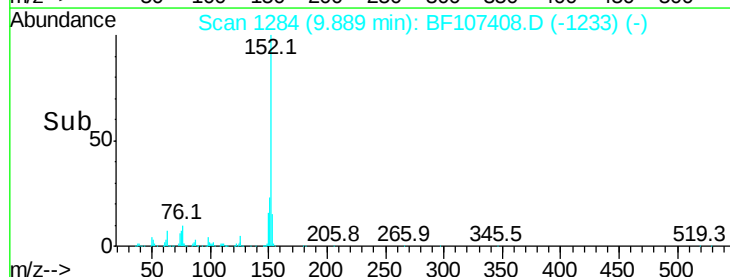
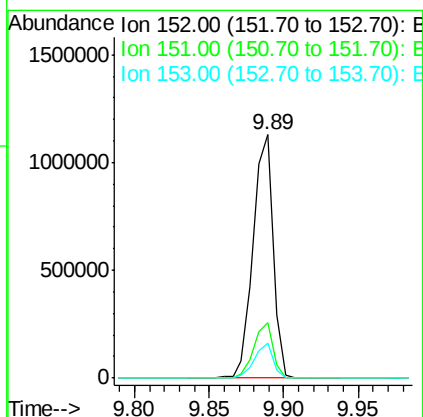
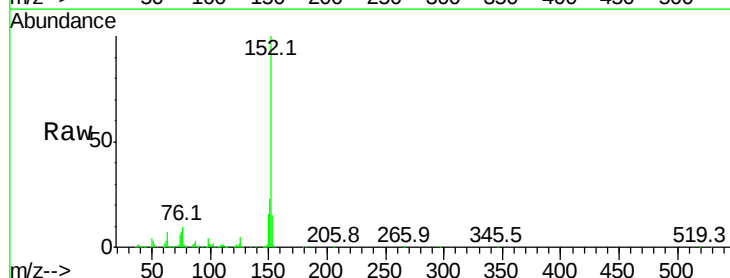
RT: 9.89 min Scan# 1284

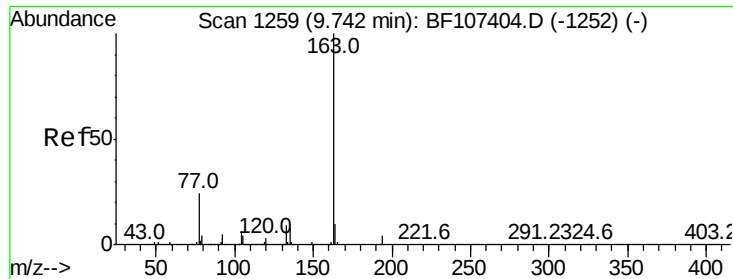
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.8	16.3	24.5
153	14.6	10.7	16.1





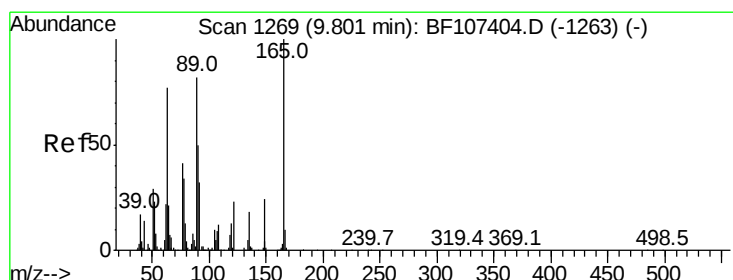
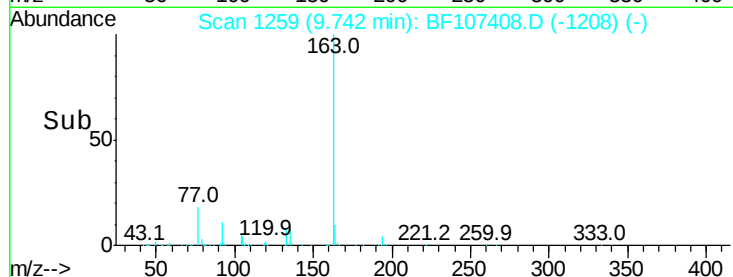
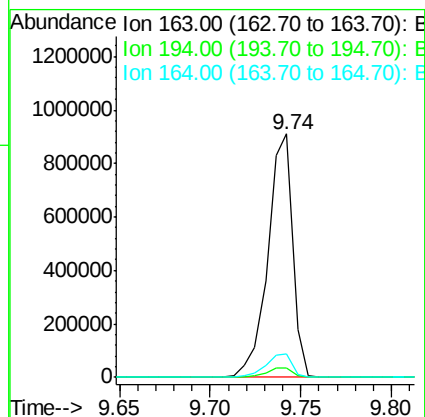
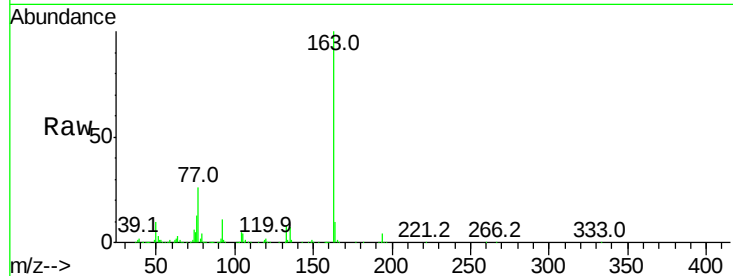
#49
Dimethylphthalate
Concen: 36.378 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	9.8	8.2	12.2	

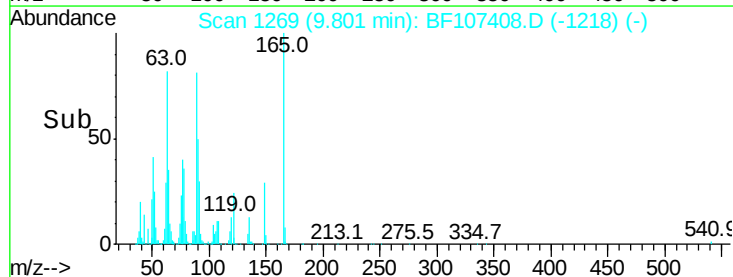
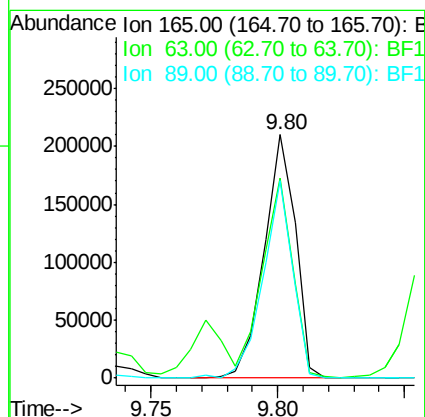
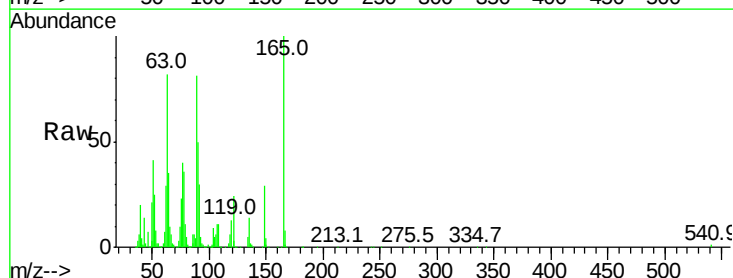
Manual Integrations
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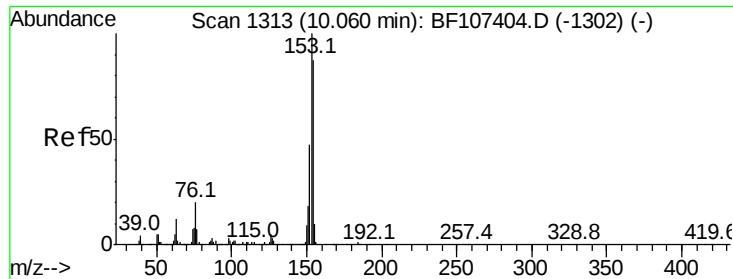
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.220 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	82.1	44.7	67.1#	
89	81.0	44.0	66.0#	





#51

Acenaphthene

Concen: 35.243 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

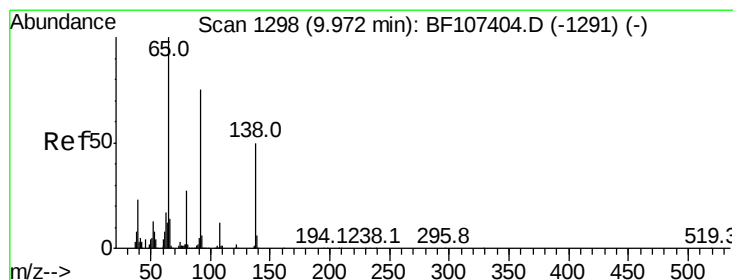
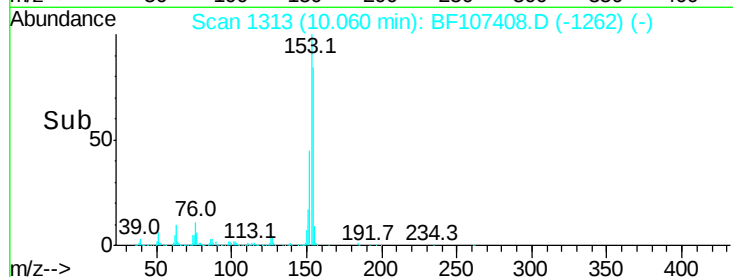
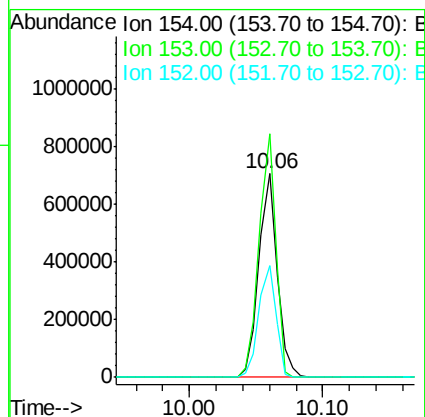
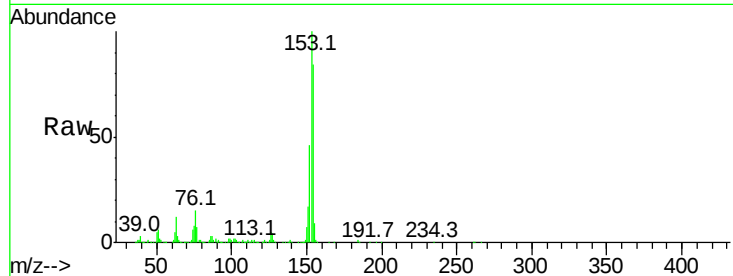
ClientSampleId :

ICVBF071618

Tot Ion:	154	Resp:	665356
Ion Ratio	Lower	Upper	
154	100		
153	119.7	91.2	136.8
152	54.8	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 38.530 ng

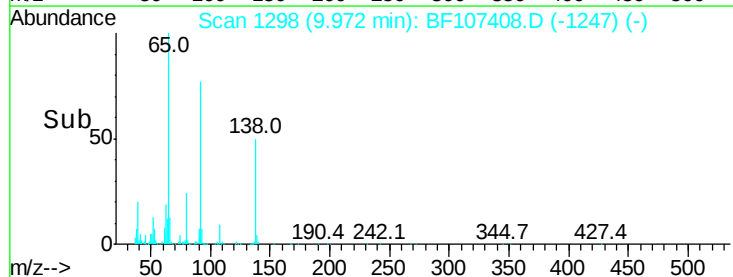
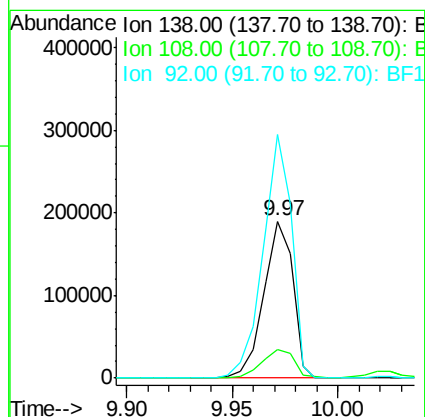
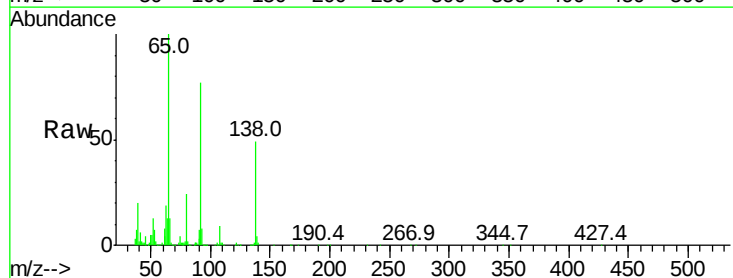
RT: 9.97 min Scan# 1298

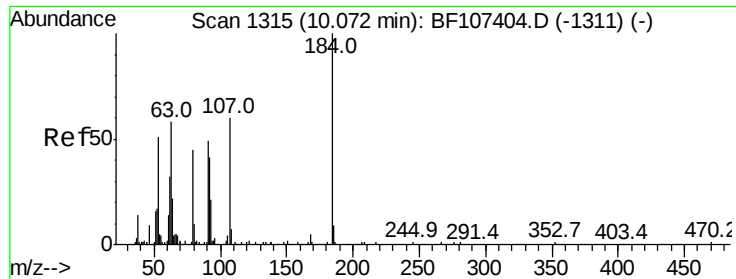
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:	138	Resp:	183367
Ion Ratio	Lower	Upper	
138	100		
108	18.0	9.4	14.0#
92	155.1	89.4	134.2#





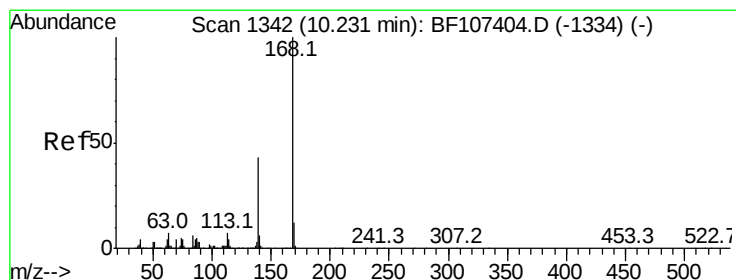
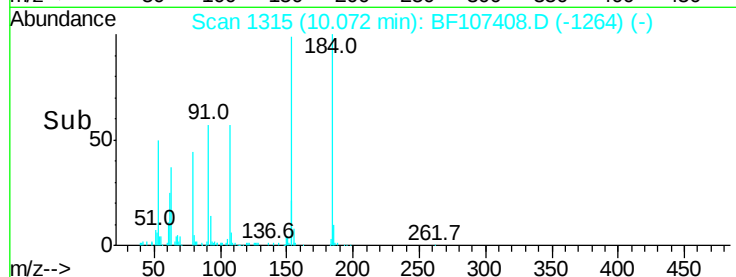
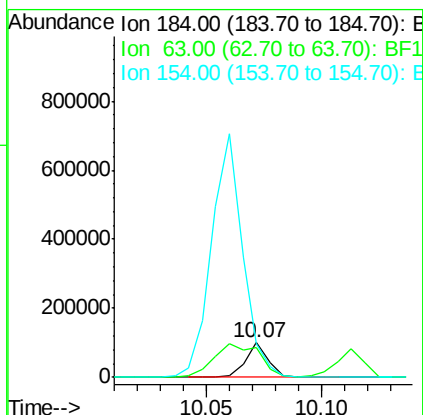
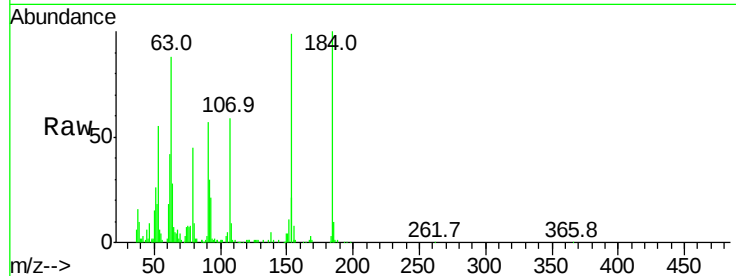
#53
2,4-Dinitrophenol
Concen: 43.349 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Lower	Upper
184	100		
63	87.5	54.2	81.2#
154	99.1	184.0	276.0#

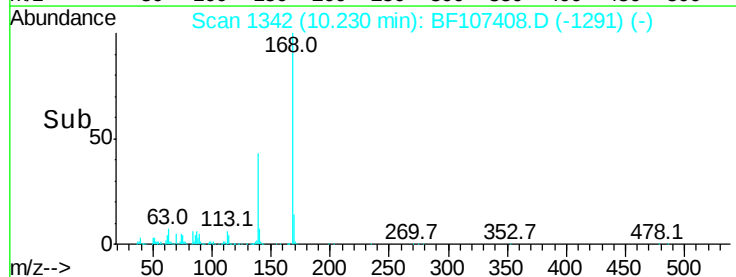
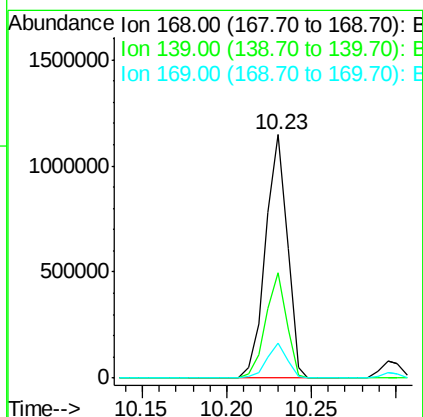
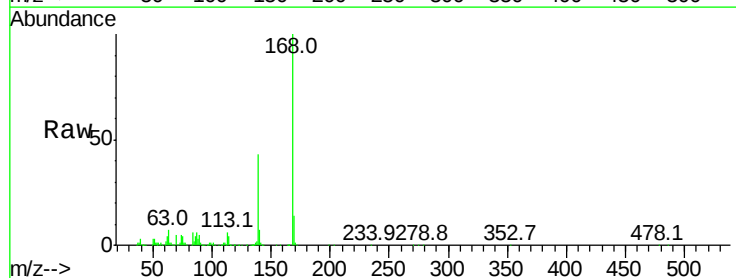
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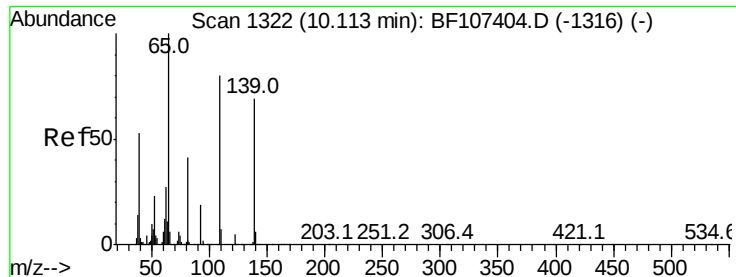
Sohil
7/17/2018 4:52:55 PM



#54
Dibenzofuran
Concen: 35.025 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.1	30.1	45.1
169	14.3	10.9	16.3





#55

4-Nitrophenol

Concen: 40.000 ng

RT: 10.11 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

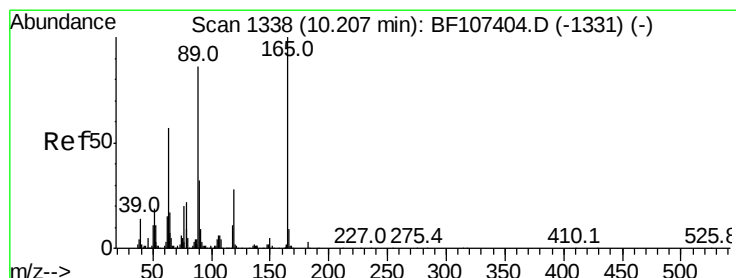
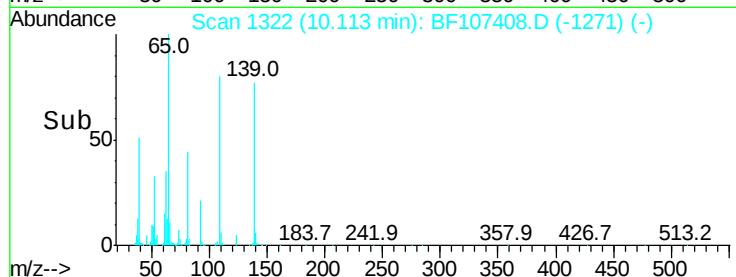
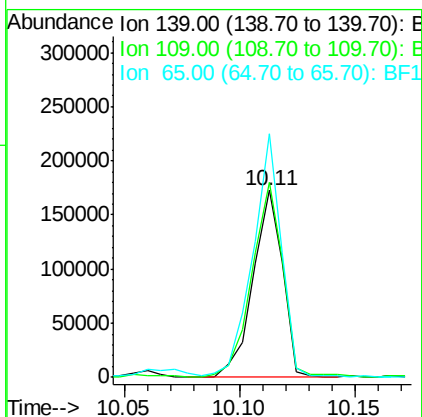
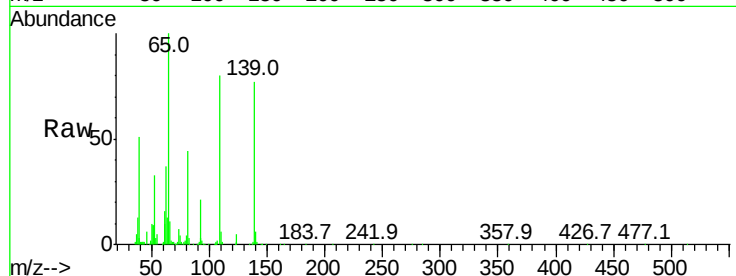
ClientSampleId :

ICVBF071618

Tot Ion:	139	Resp:	154038
Ion Ratio	Lower	Upper	
139	100		
109	104.3	48.4	88.4#
65	130.3	72.6	112.6#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 41.609 ng

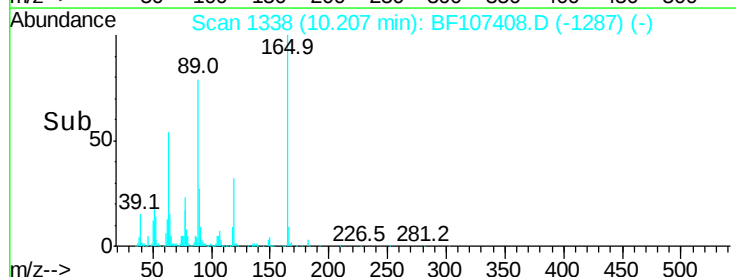
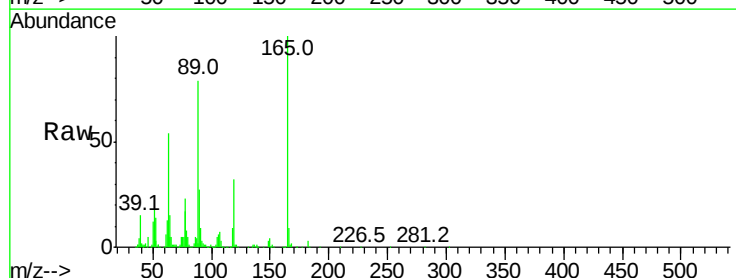
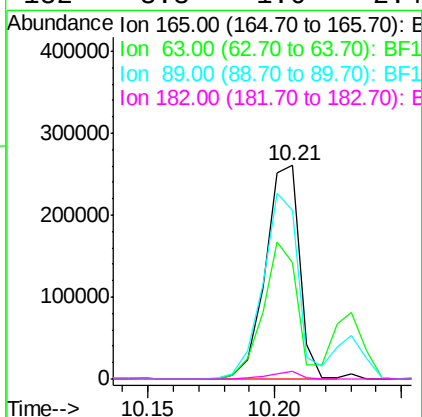
RT: 10.21 min Scan# 1338

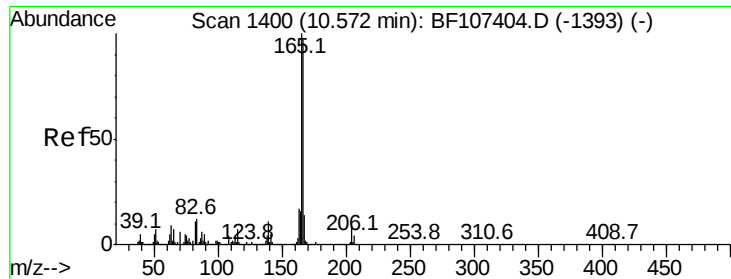
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:	165	Resp:	245727
Ion Ratio	Lower	Upper	
165	100		
63	54.3	36.4	54.6
89	79.0	57.8	86.6
182	3.3	1.6	2.4#





#57

Fluorene

Concen: 35.144 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

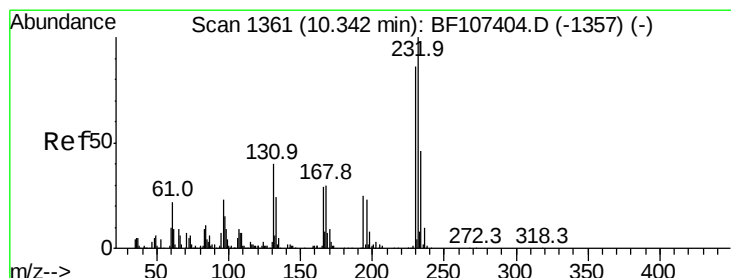
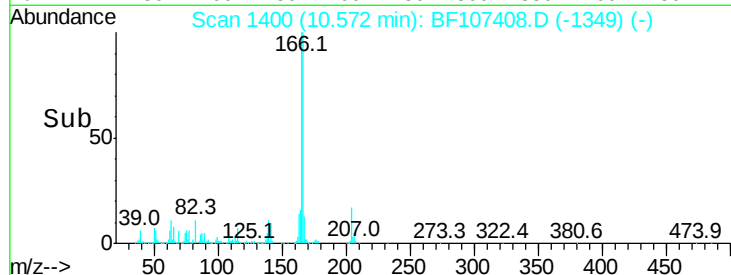
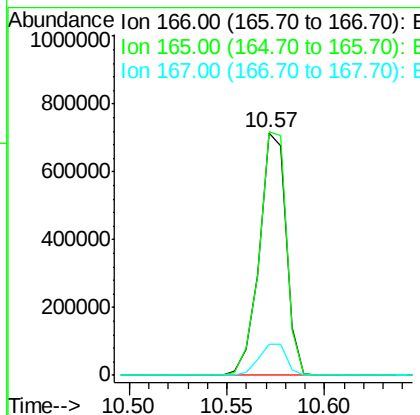
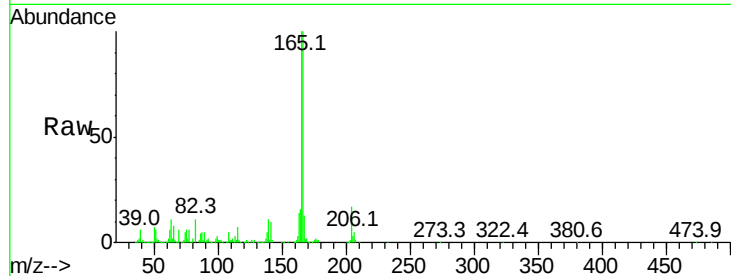
ClientSampleId :

ICVBF071618

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	12.6	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.278 ng

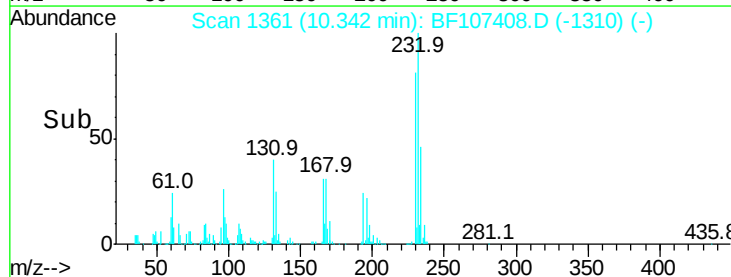
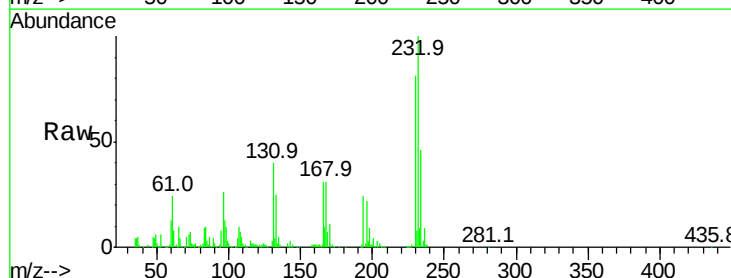
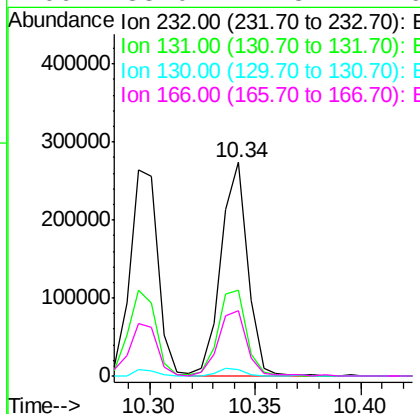
RT: 10.34 min Scan# 1361

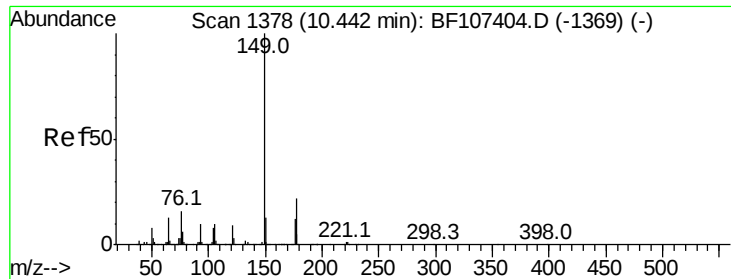
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.7	43.8	65.8#
130	3.6	2.1	3.1#
166	33.0	27.8	41.6





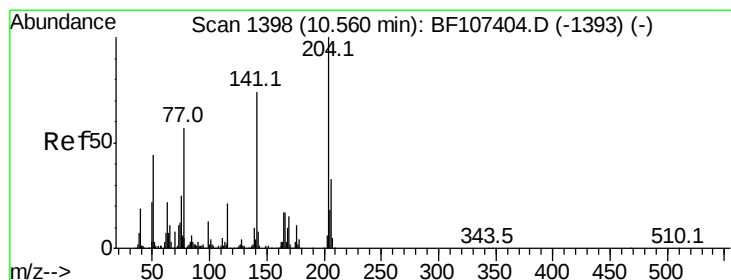
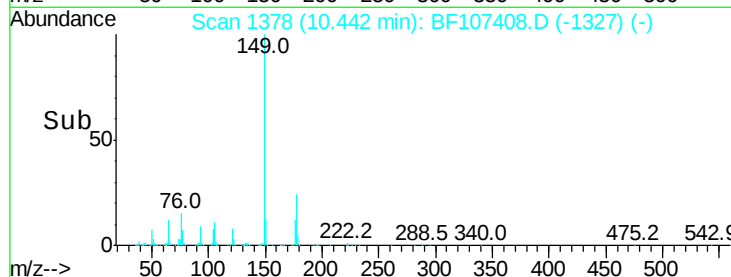
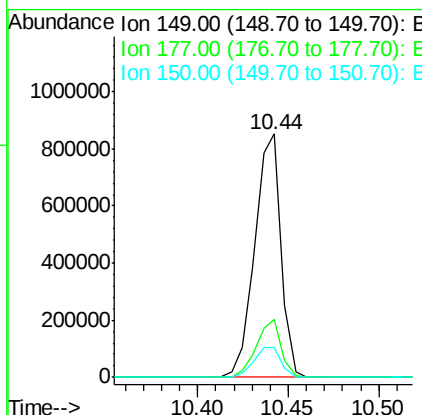
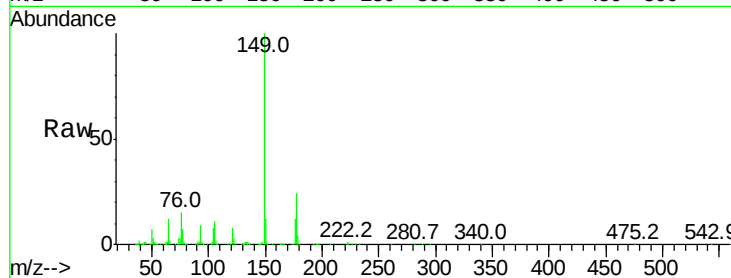
#59
Diethylphthalate
Concen: 37.079 ng
RT: 10.44 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.6	16.1	24.1
150	12.3	10.1	15.1

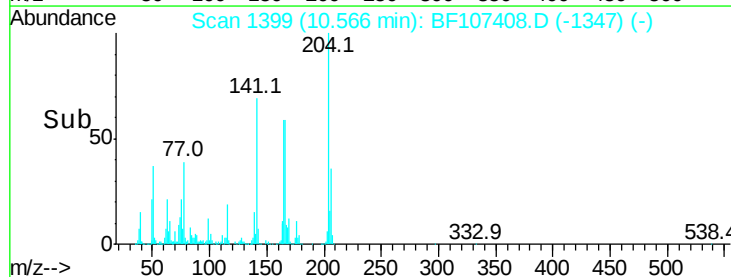
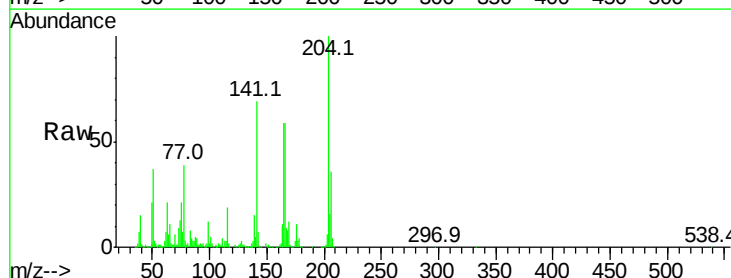
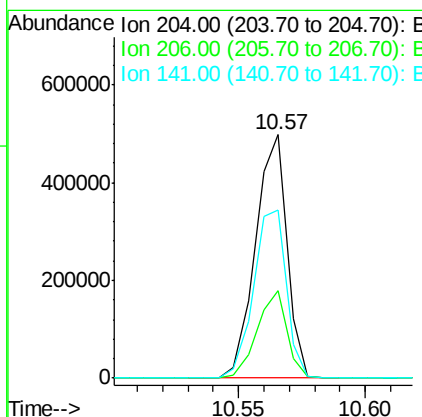
Manual Integrations
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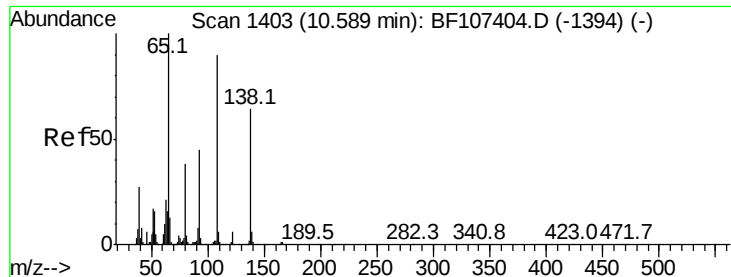
Sohil
7/17/2018 4:52:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.589 ng
RT: 10.57 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.0	26.5	39.7
141	69.2	54.6	81.8





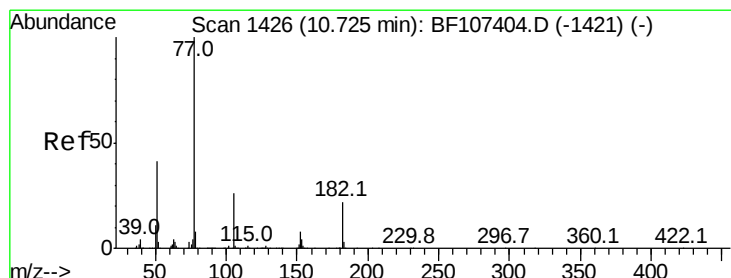
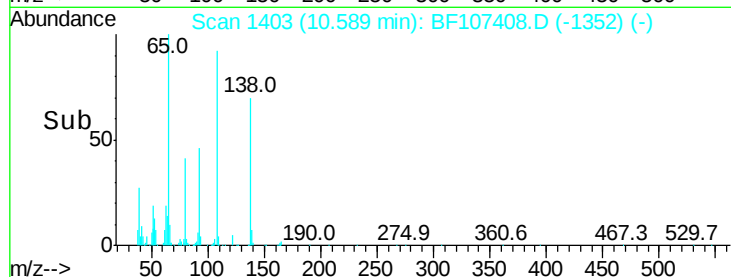
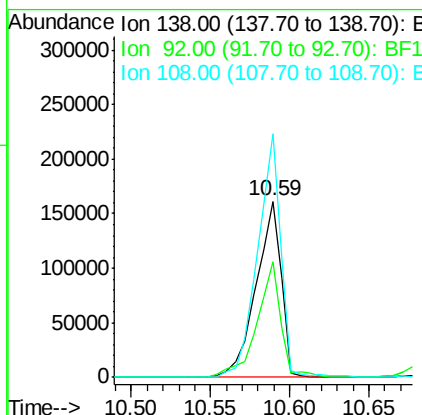
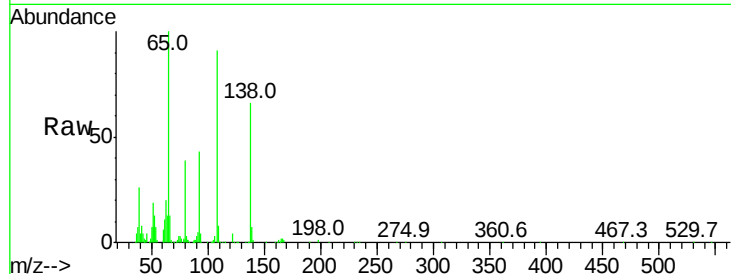
#61
4-Nitroaniline
Concen: 39.535 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Lower	Upper
138	100		
92	65.5	30.2	70.2
108	138.3	52.5	92.5#

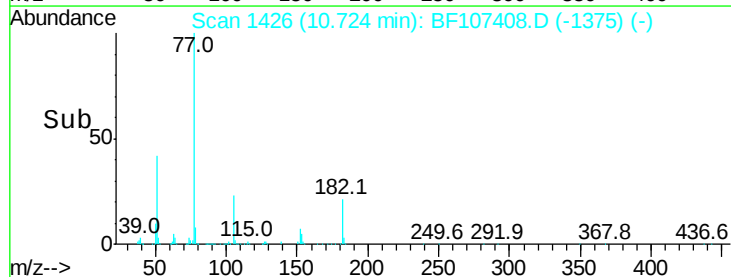
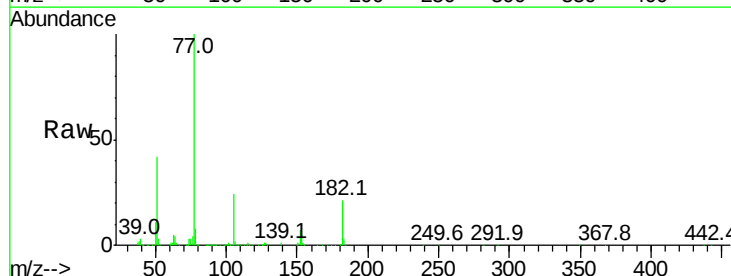
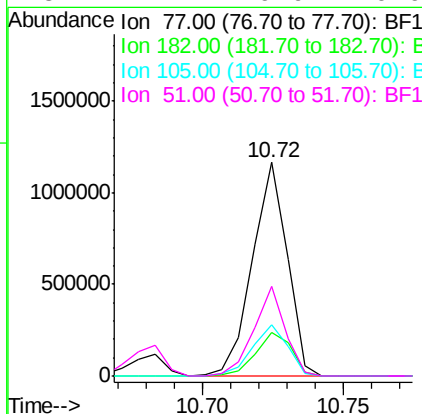
Manual Integrations
APPROVED

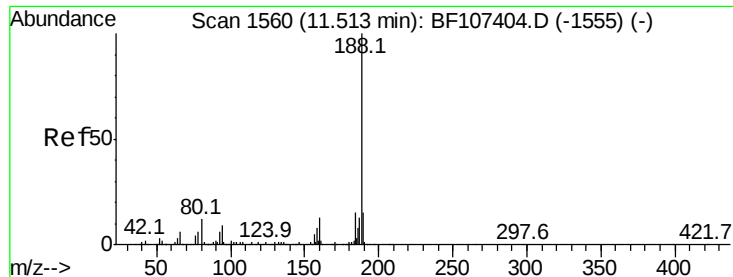
Sohil
7/17/2018 4:52:55 PM



#62
Azobenzene
Concen: 36.707 ng
RT: 10.72 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	1.7	41.7
105	24.2	3.0	43.0
51	42.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

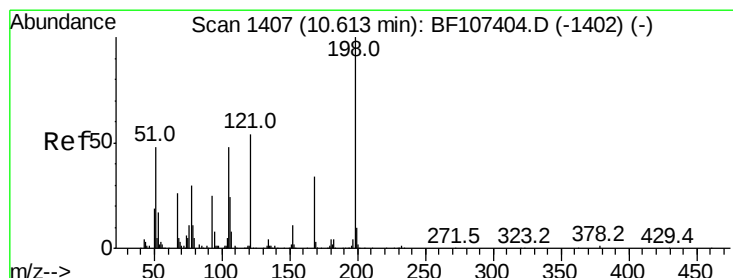
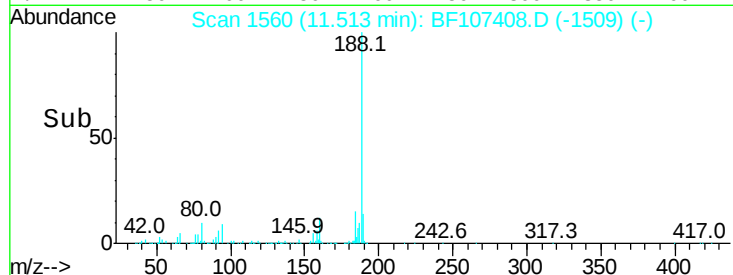
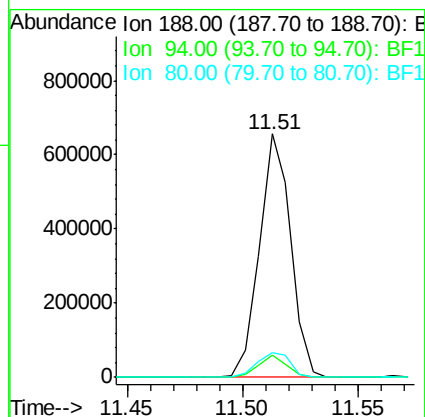
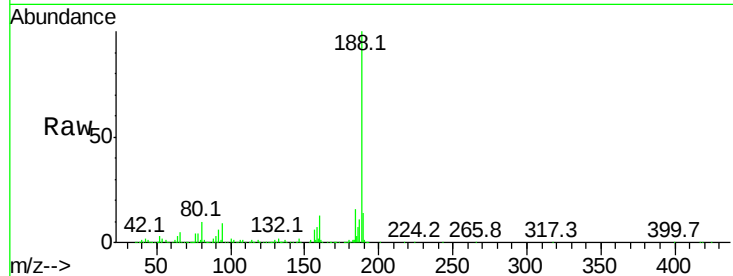
ClientSampleId :

ICVBF071618

Tot Ion:	188	Resp:	617378
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.5	12.7
80	10.4	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 43.402 ng

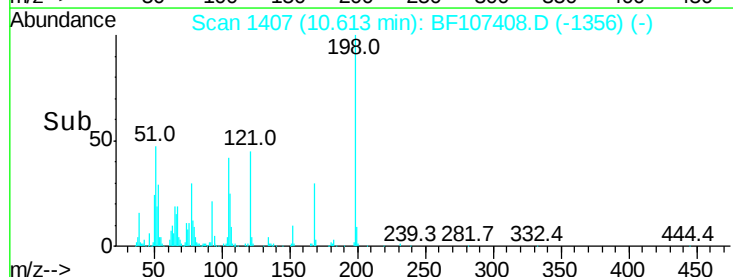
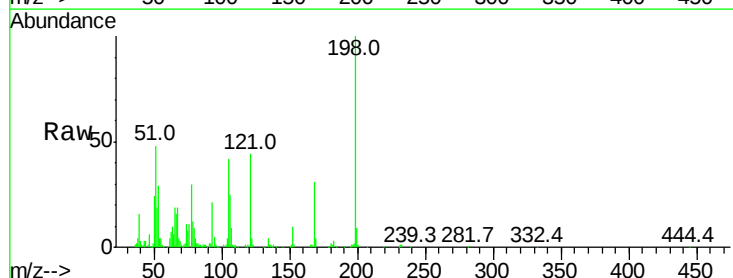
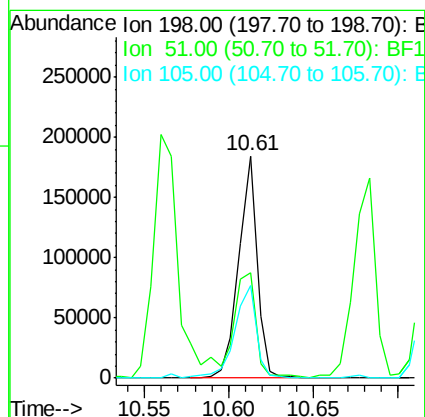
RT: 10.61 min Scan# 1407

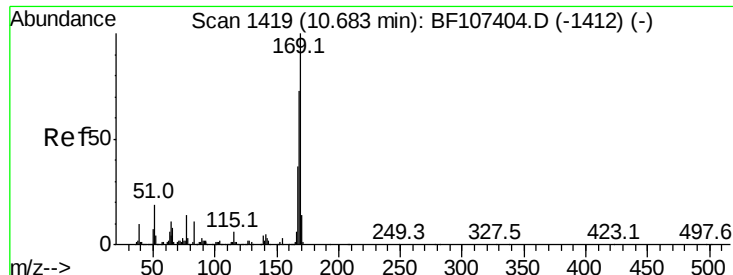
Delta R.T. 0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:	198	Resp:	140784
Ion Ratio	Lower	Upper	
198	100		
51	47.5	37.7	77.7
105	41.9	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 37.442 ng

RT: 10.68 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

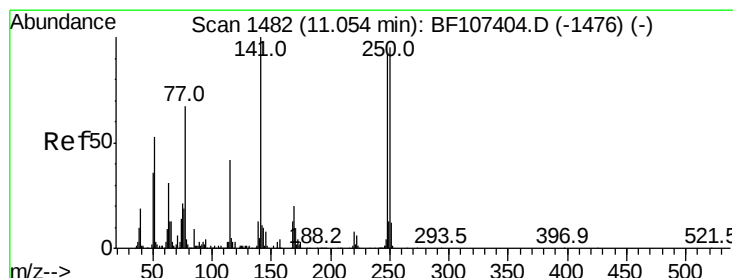
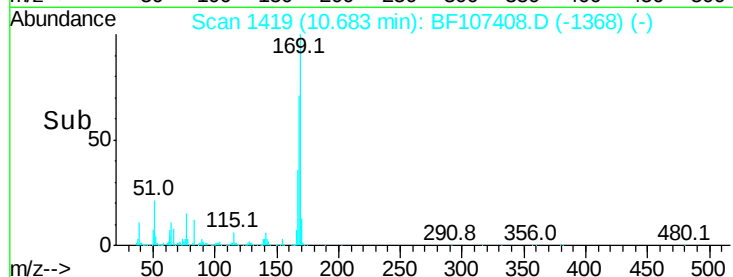
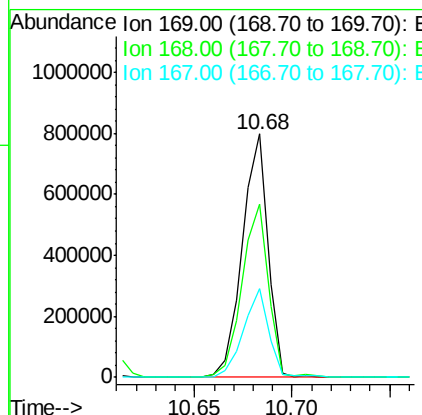
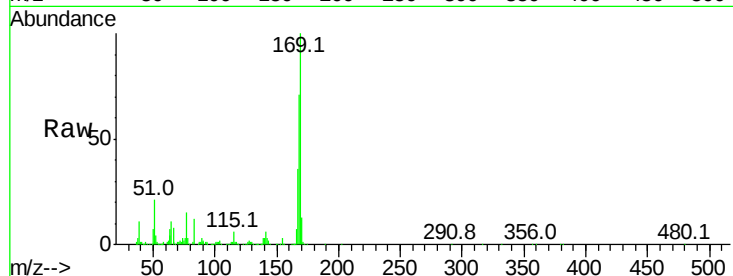
ClientSampleId :

ICVBF071618

Tot Ion:	169	Resp:	730084
Ion Ratio	Lower	Upper	
169	100		
168	71.1	54.4	81.6
167	36.2	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 38.441 ng

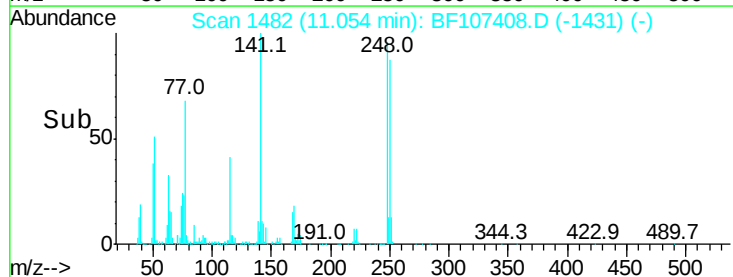
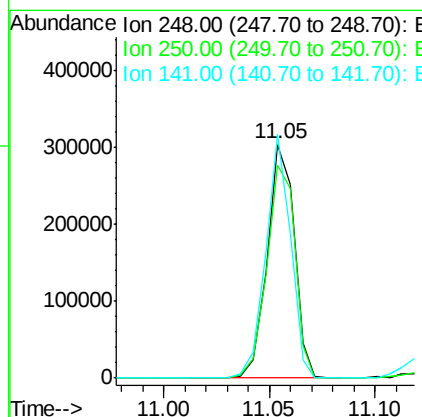
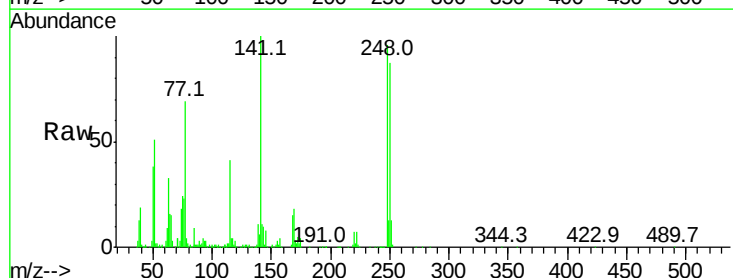
RT: 11.05 min Scan# 1482

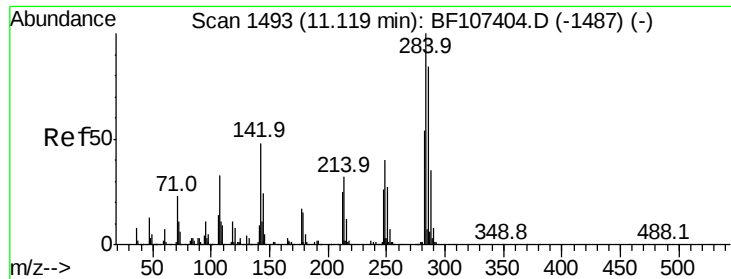
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:	248	Resp:	271523
Ion Ratio	Lower	Upper	
248	100		
250	90.9	76.9	115.3
141	104.1	74.4	111.6





#67

Hexachlorobenzene

Concen: 36.138 ng

RT: 11.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

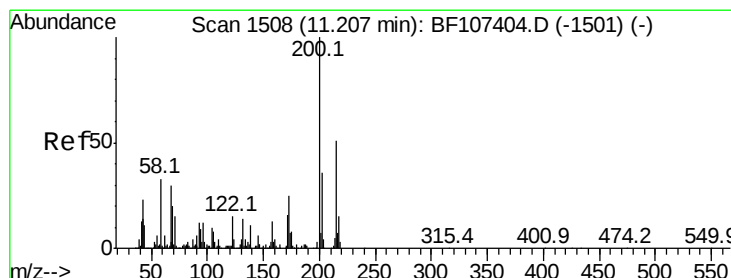
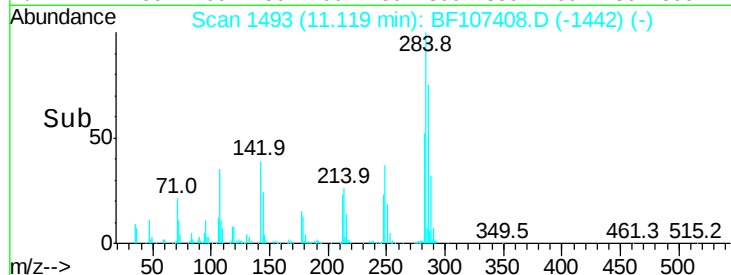
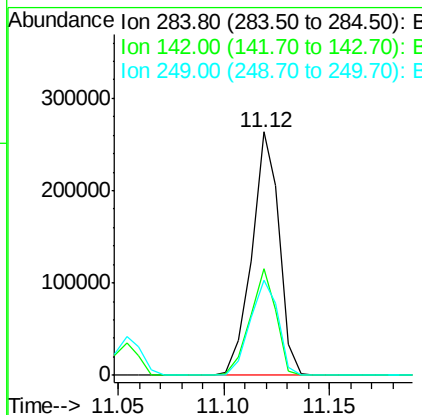
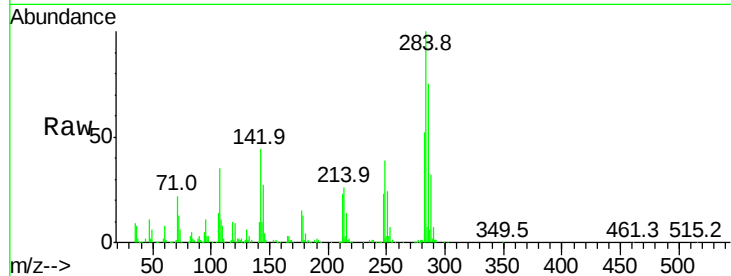
ClientSampleId :

ICVBF071618

Tot Ion	Ratio	Lower	Upper
284	100		
142	43.7	34.6	52.0
249	39.3	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 36.376 ng

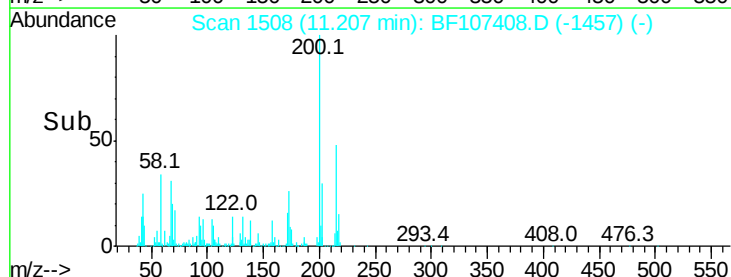
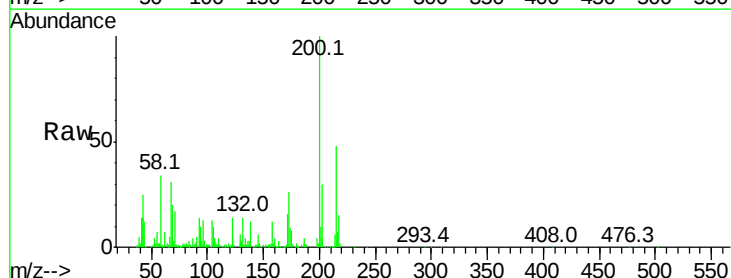
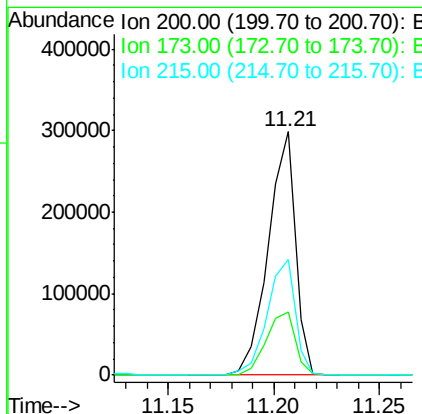
RT: 11.21 min Scan# 1508

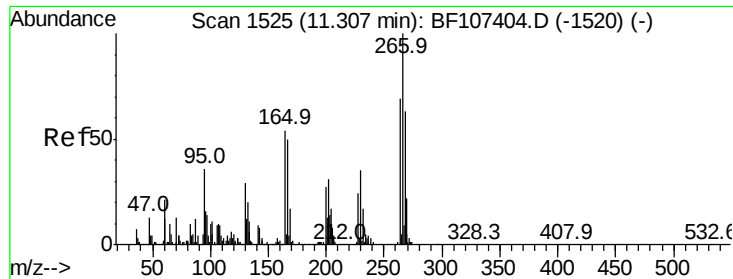
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	8.6	48.6
215	47.6	25.1	65.1





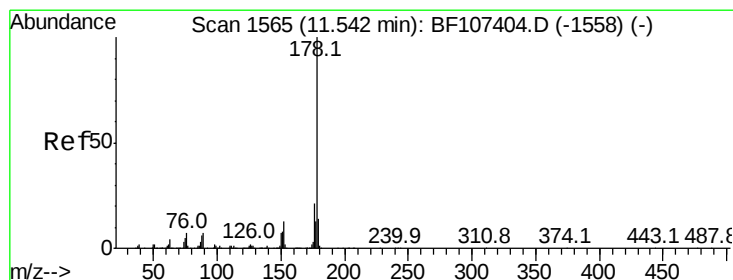
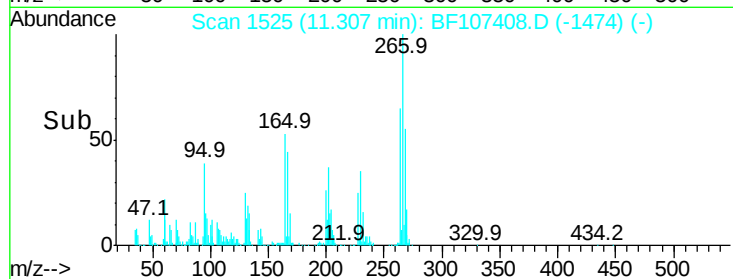
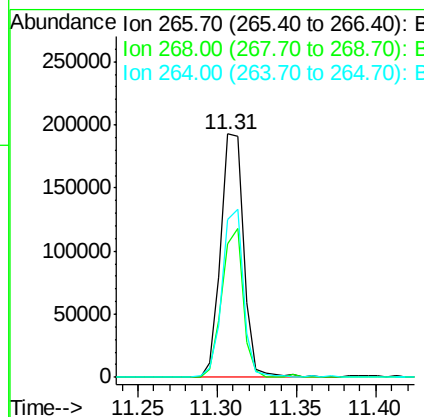
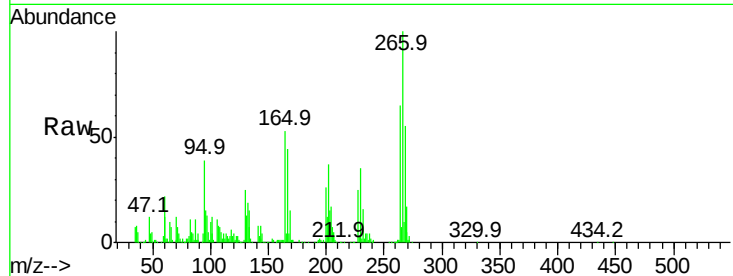
#69
 Pentachlorophenol
 Concen: 40.298 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071618

Tot Ion	Ratio	Lower	Upper
266	100		
268	54.7	51.1	76.7
264	64.6	49.5	74.3

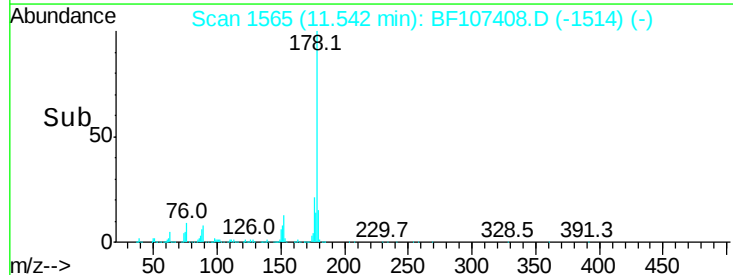
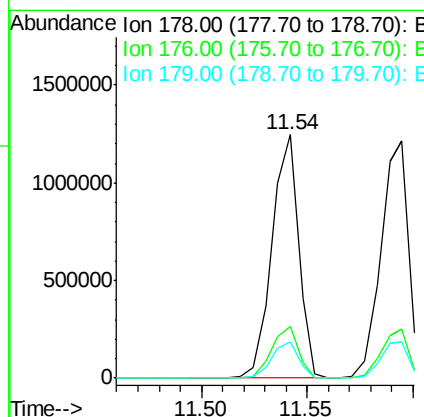
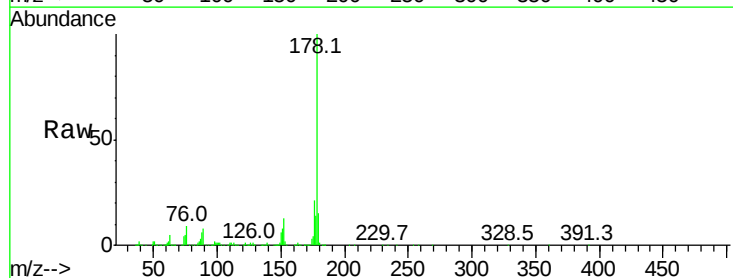
Manual Integrations
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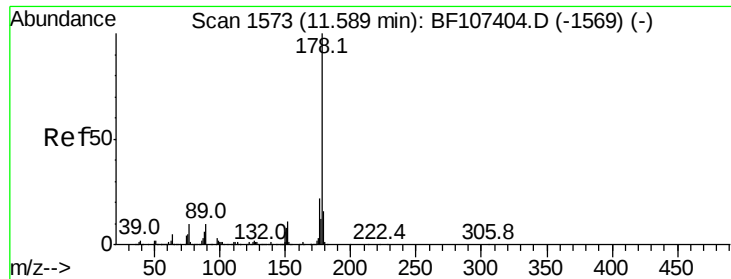
Sohil
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#70
 Phenanthrene
 Concen: 35.742 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.8
179	14.8	13.0	19.6





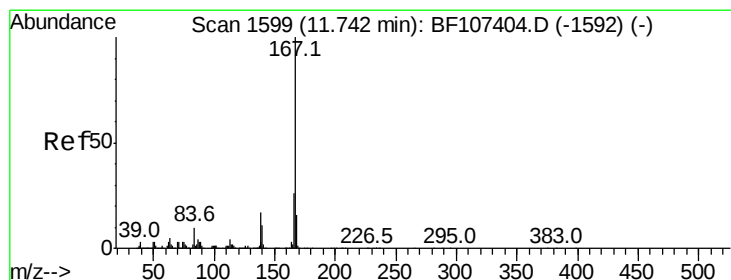
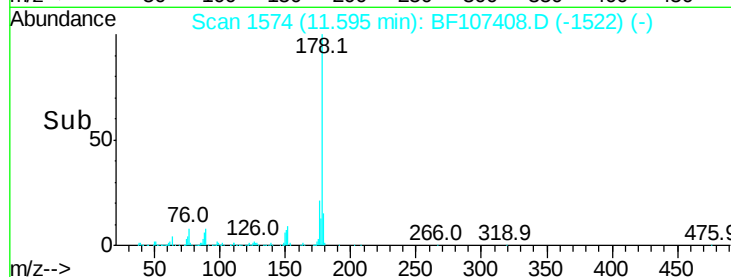
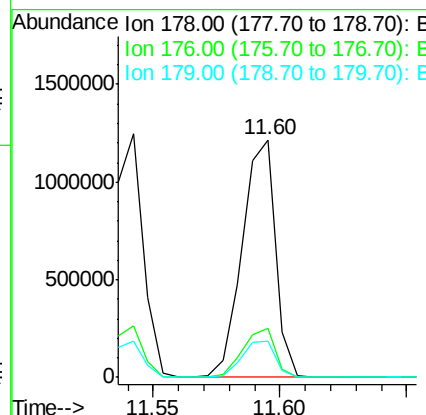
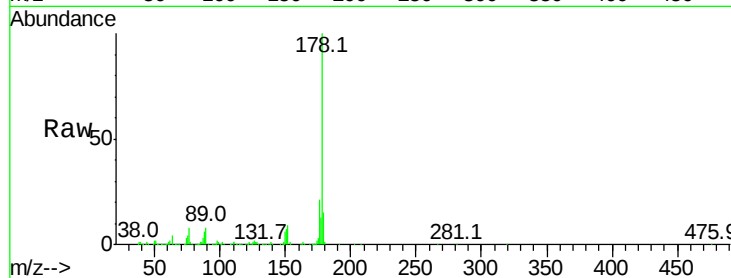
#71
 Anthracene
 Concen: 36.036 ng
 RT: 11.60 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071618

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	15.4	12.6	19.0

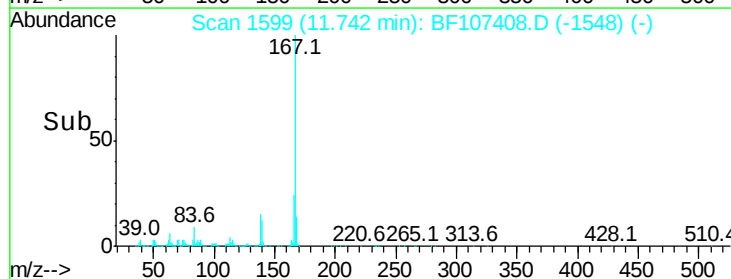
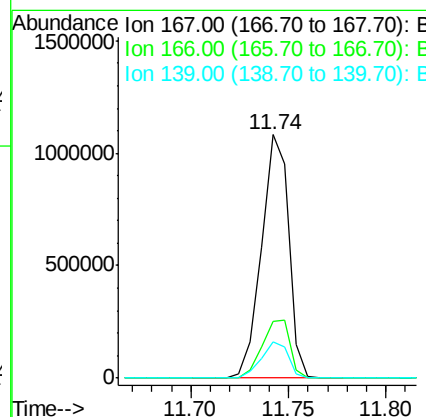
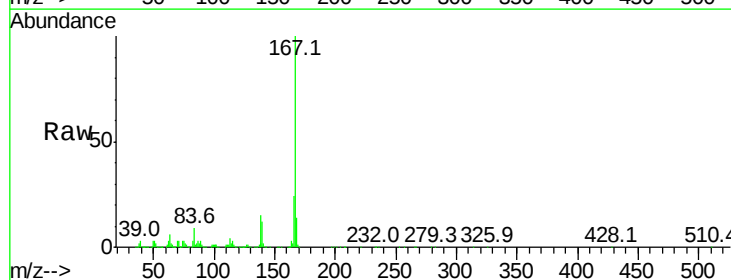
Manual Integrations
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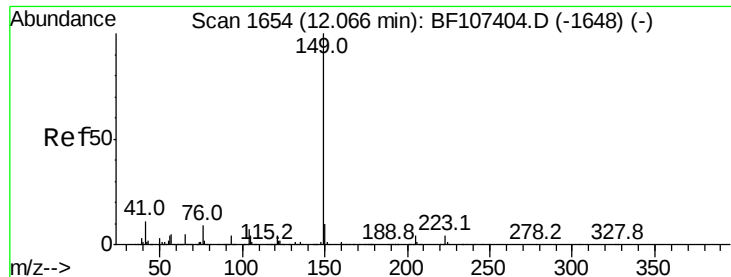
Sohil
 7/17/2018 4:52:55 PM



#72
 Carbazole
 Concen: 36.031 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.6	26.4
139	15.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.786 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

ICVBF071618

Tot Ion:149 Resp: 1259856

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

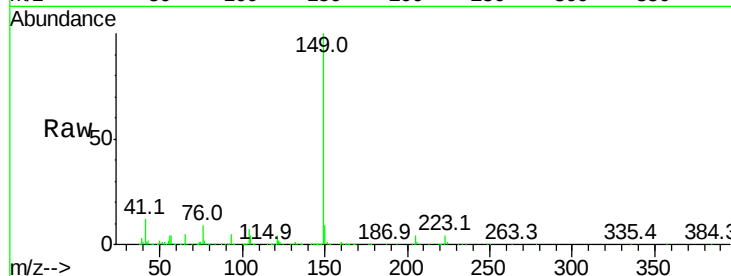
104 7.2 3.8 5.8#

Manual Integrations

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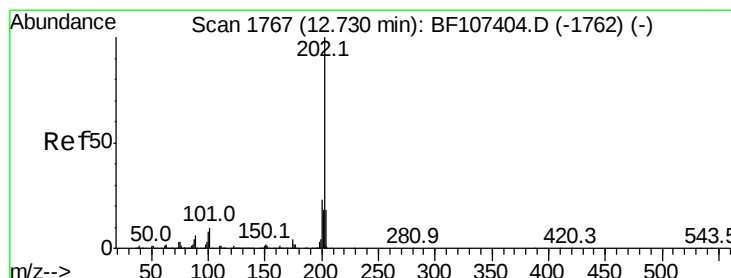
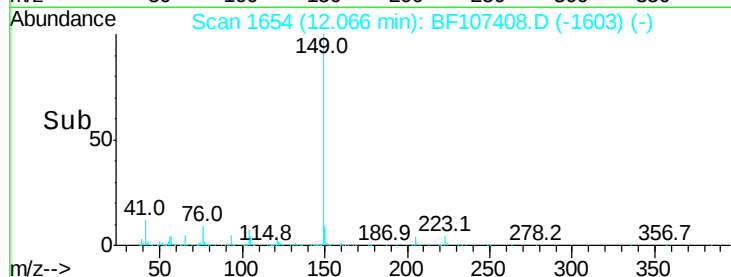
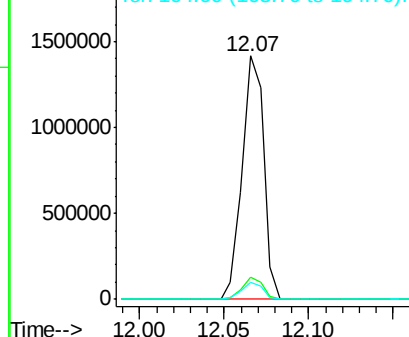
7/17/2018 4:52:55 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.809 ng

RT: 12.73 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

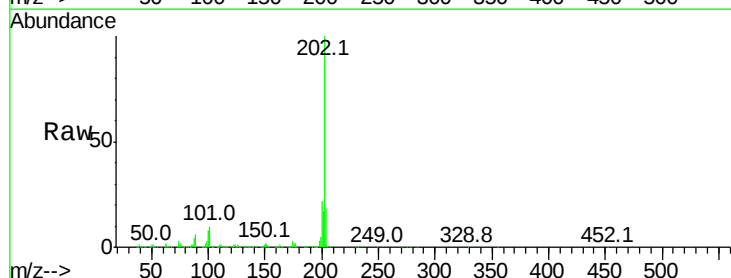
Tgt Ion:202 Resp: 1252255

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.1

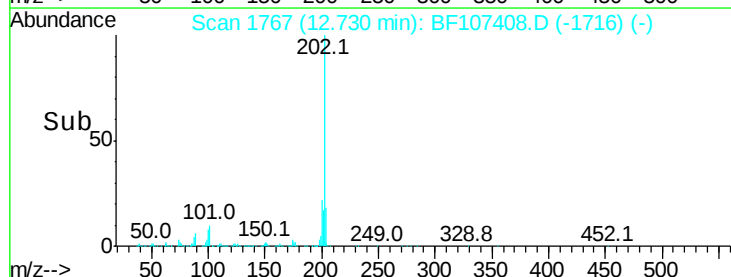
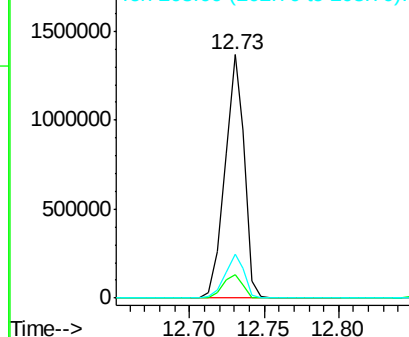
203 17.8 0.0 38.1

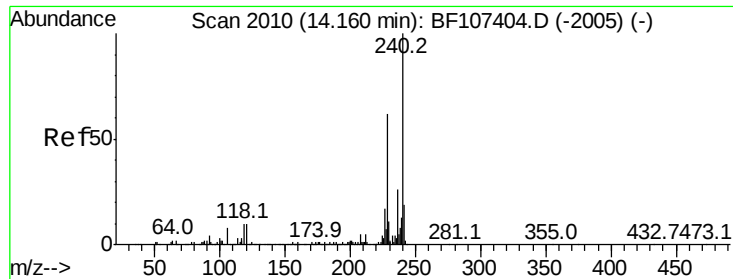


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

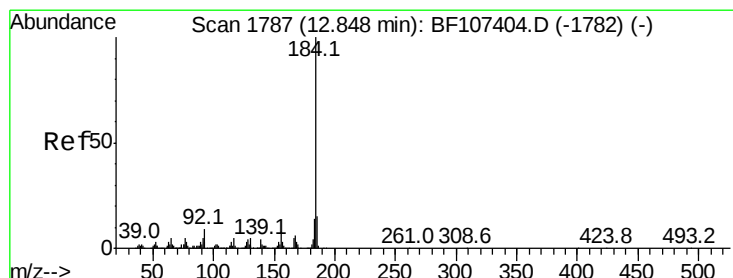
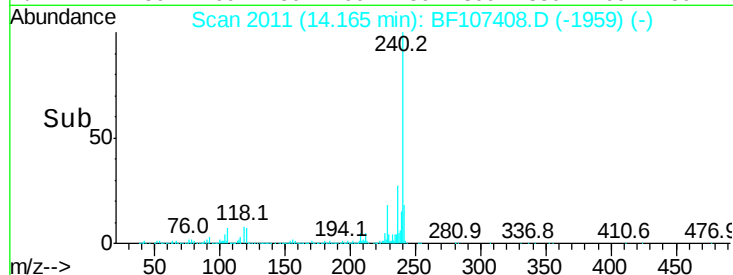
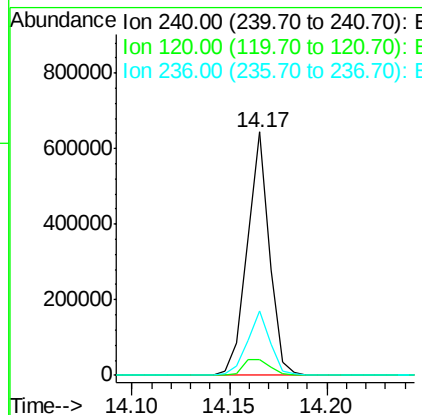
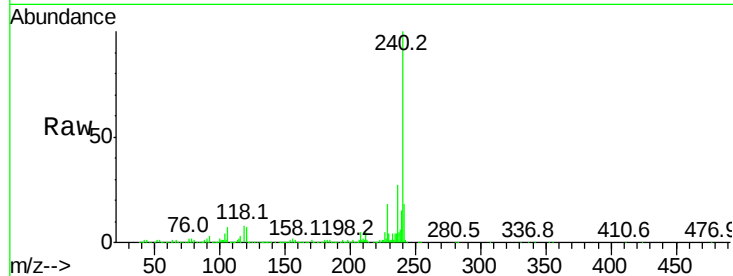
ClientSampleId :

ICVBF071618

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	6.5	9.5	14.3#
236	26.6	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 37.537 ng

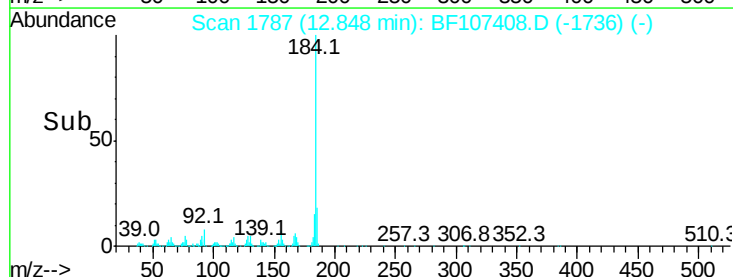
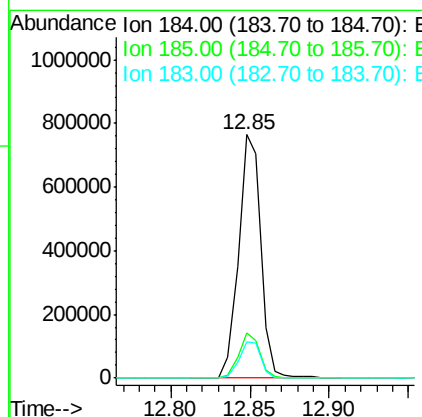
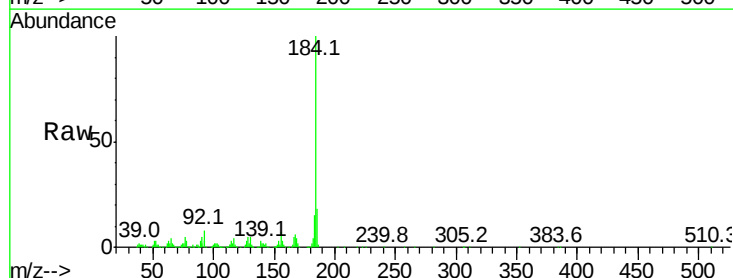
RT: 12.85 min Scan# 1787

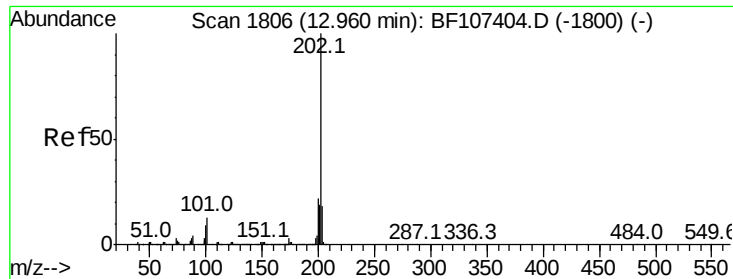
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	18.4	12.6	18.8
183	14.7	9.3	13.9#





#77

Pvrene

Concen: 38.025 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

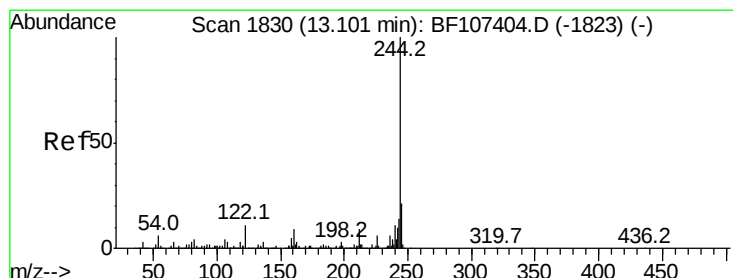
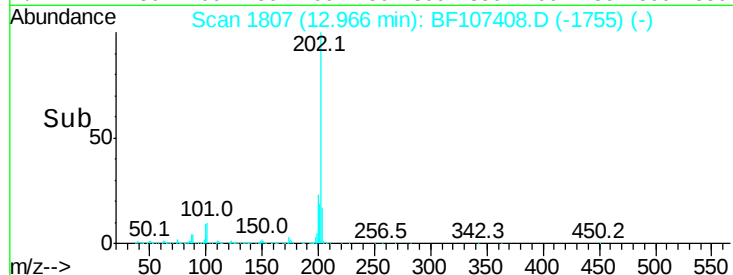
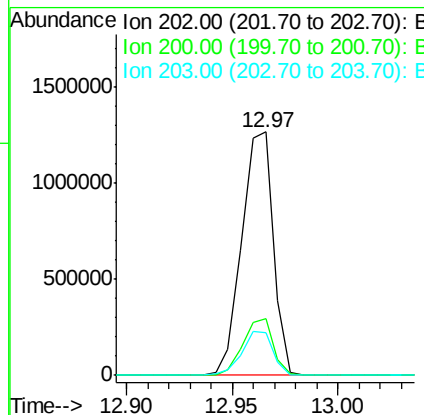
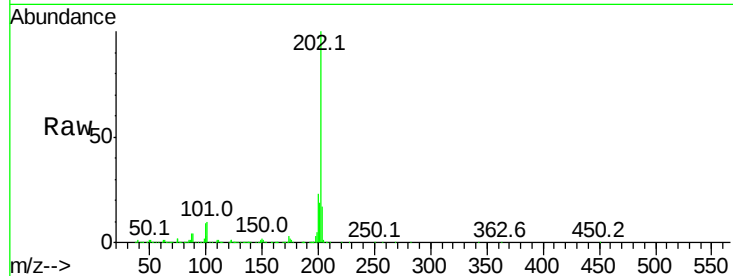
ClientSampleId :

ICVBF071618

Tot Ion:	202	Resp:	1310105
Ion Ratio		Lower	Upper
202	100		
200	23.3	17.4	26.2
203	17.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 72.804 ng

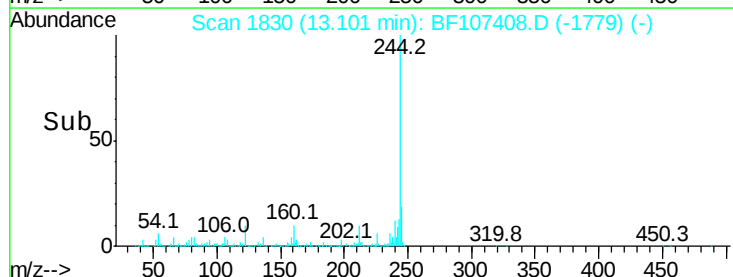
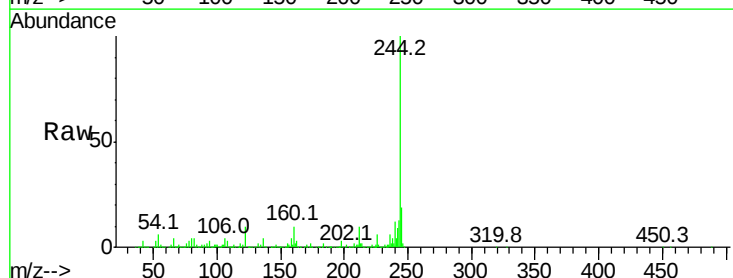
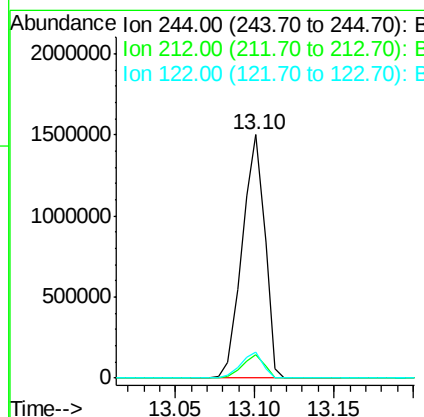
RT: 13.10 min Scan# 1830

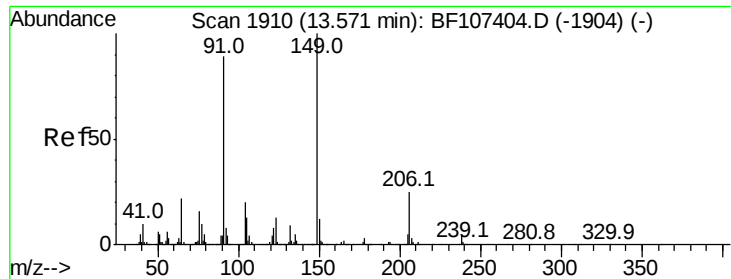
Delta R.T. -0.00 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:	244	Resp:	1484616
Ion Ratio		Lower	Upper
244	100		
212	9.7	5.4	8.0#
122	10.4	11.0	16.4#





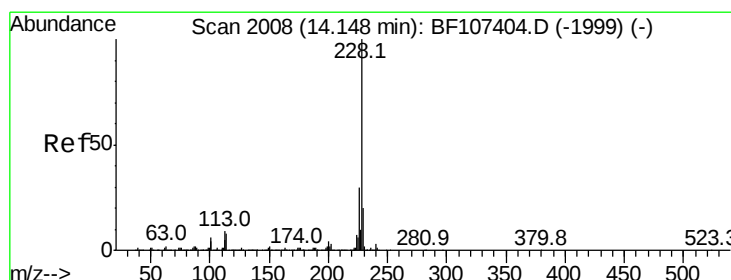
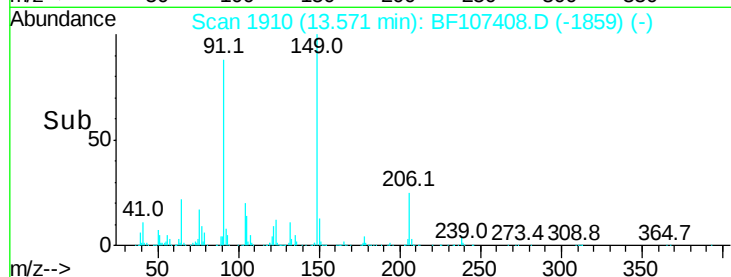
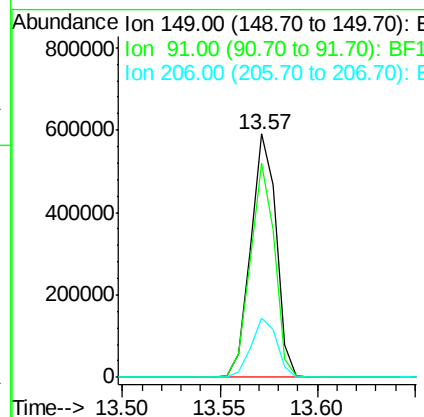
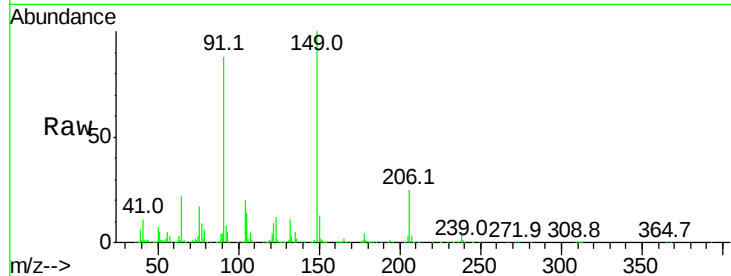
#79
Butylbenzylphthalate
Concen: 42.435 ng
RT: 13.57 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	87.9	56.8	85.2#	
206	24.6	14.1	21.1#	

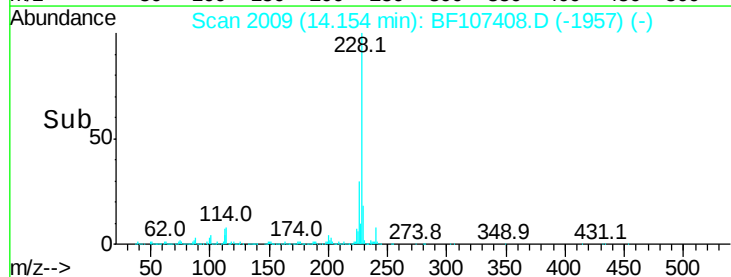
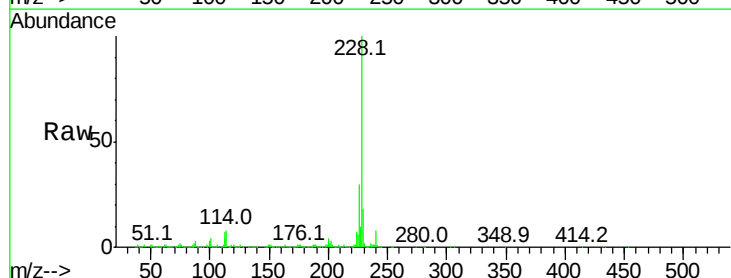
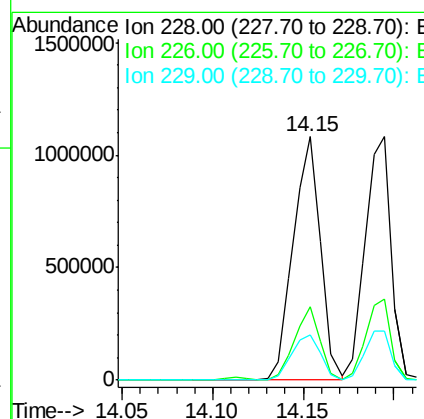
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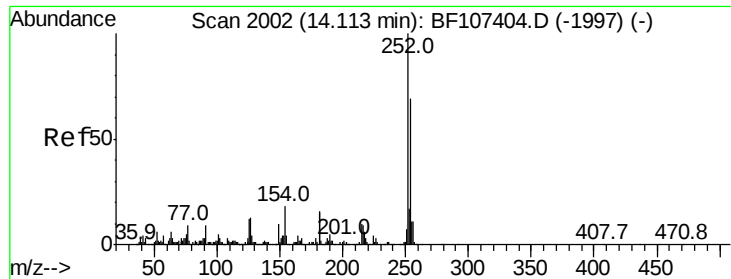
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#80
Benzo(a)anthracene
Concen: 36.820 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.2	22.6	33.8	
229	18.4	15.8	23.6	





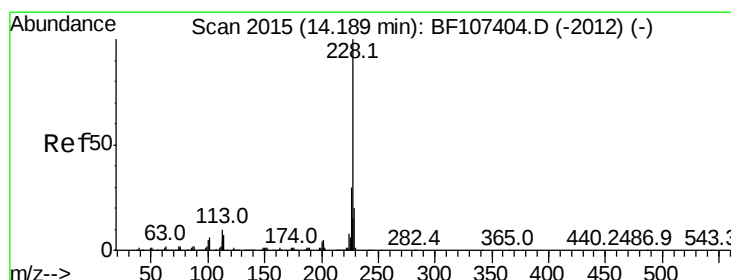
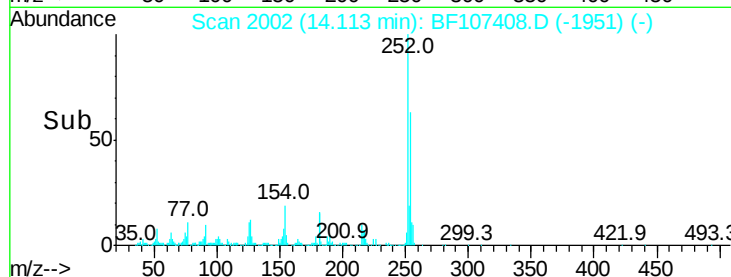
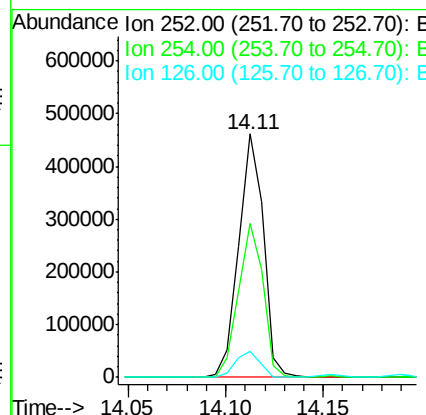
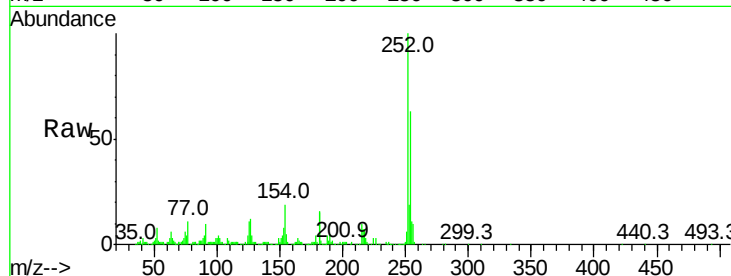
#81
 3,3'-Dichlorobenzidine
 Concen: 39.077 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071618

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.4	75.6
126	10.9	11.3	16.9

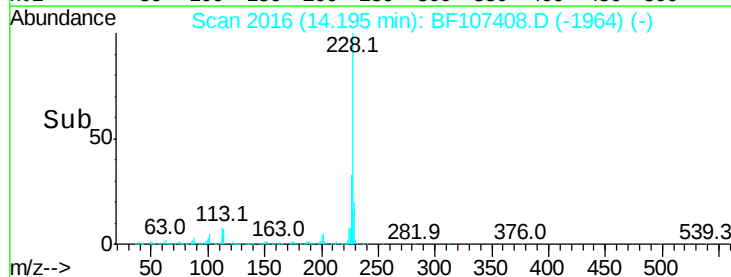
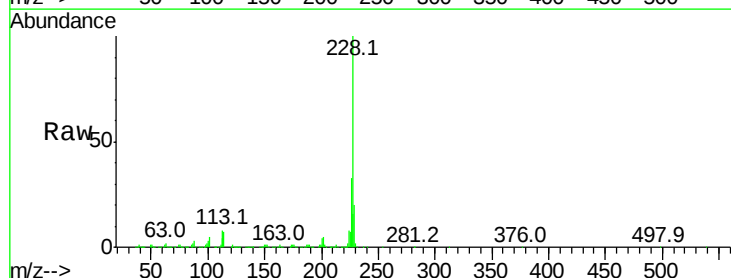
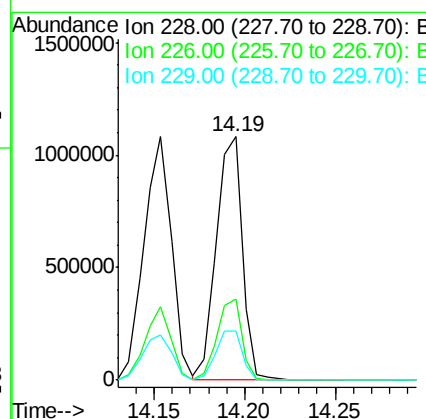
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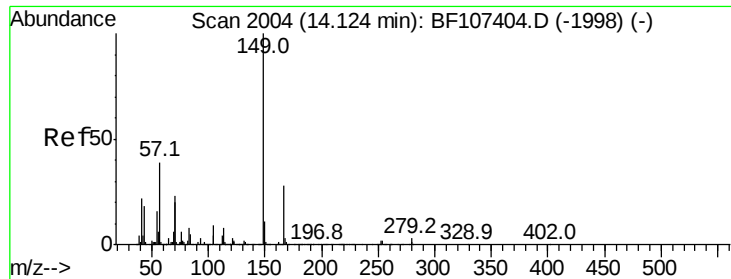
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#82
 Chrysene
 Concen: 36.444 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.402 ng

RT: 14.13 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

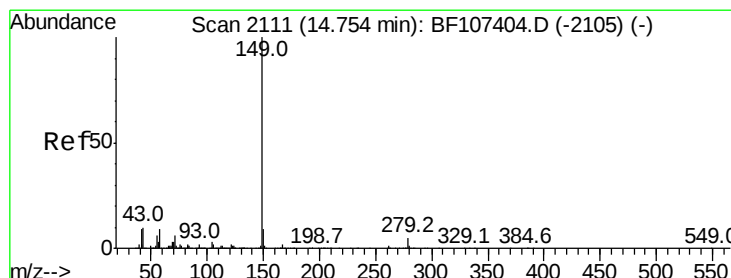
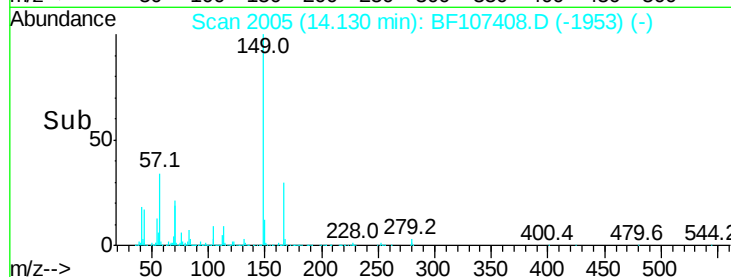
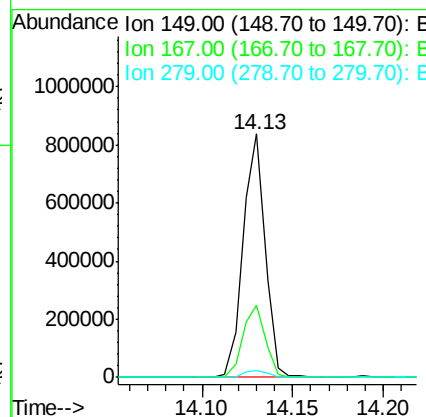
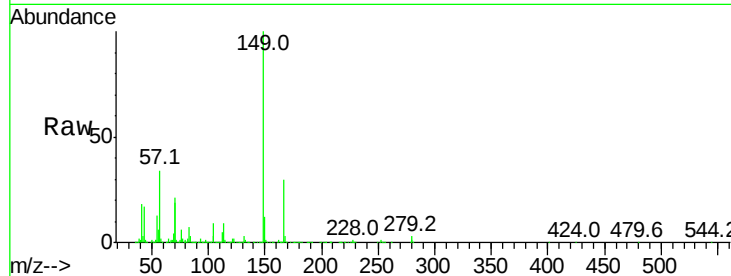
ClientSampleId :

ICVBF071618

Tot Ion:	149	Resp:	708602
Ion Ratio	Lower	Upper	
149	100		
167	29.7	21.3	31.9
279	3.1	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 39.633 ng

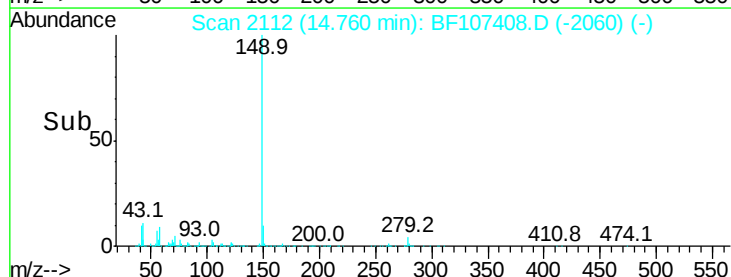
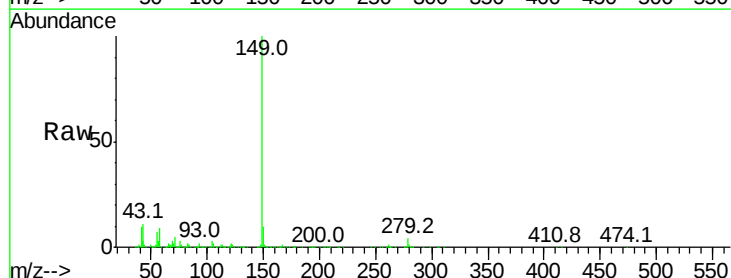
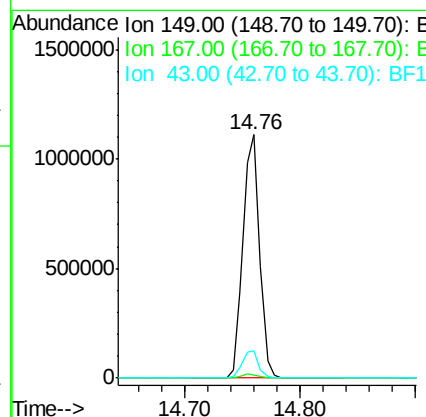
RT: 14.76 min Scan# 2112

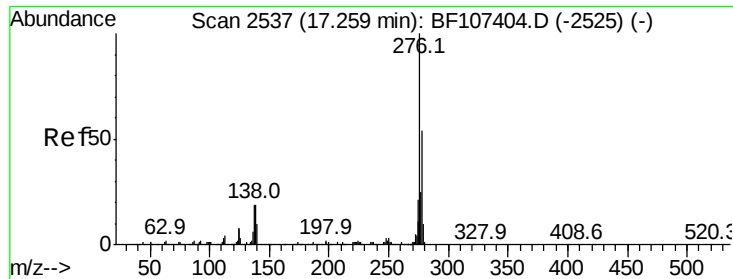
Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Tgt Ion:	149	Resp:	1108007
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.1	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 33.216 ng

RT: 17.27 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF107408.D

Acq: 16 Jul 2018 17:06

Instrument :

BNA_F

ClientSampleId :

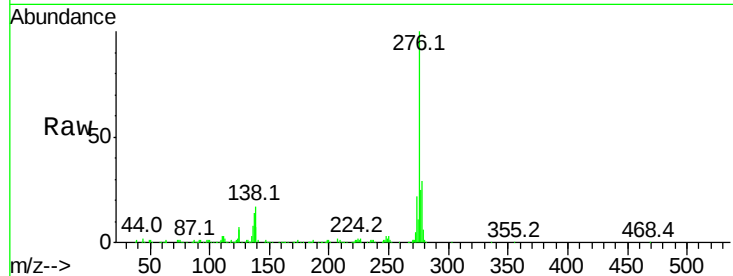
ICVBF071618

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.0	37.6#
277	26.3	20.1	30.1

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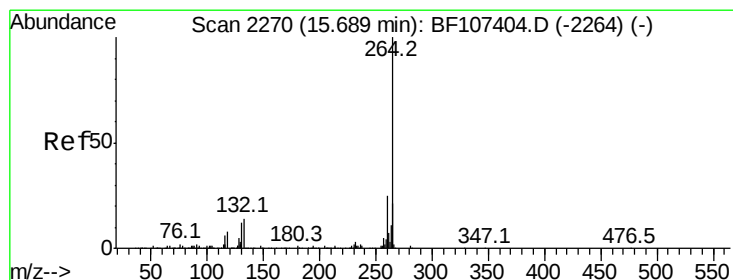
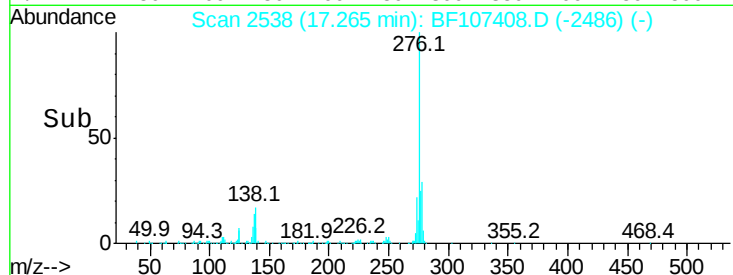
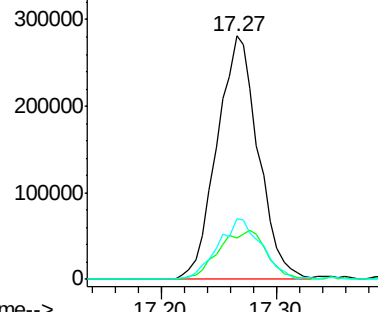
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF107408.D

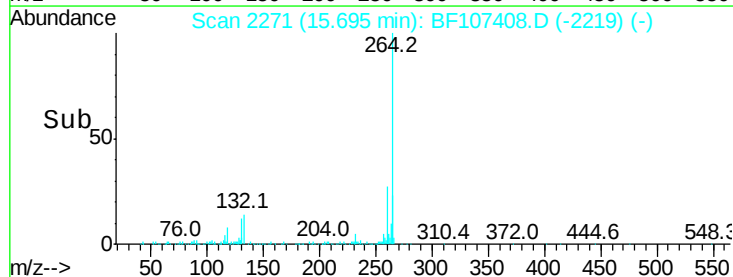
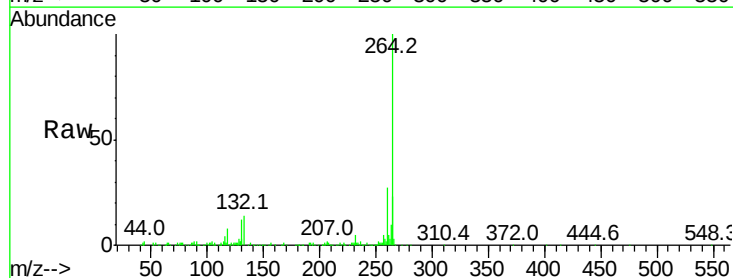
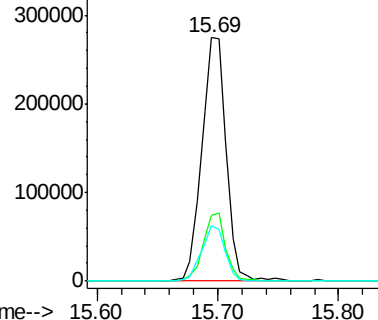
Acq: 16 Jul 2018 17:06

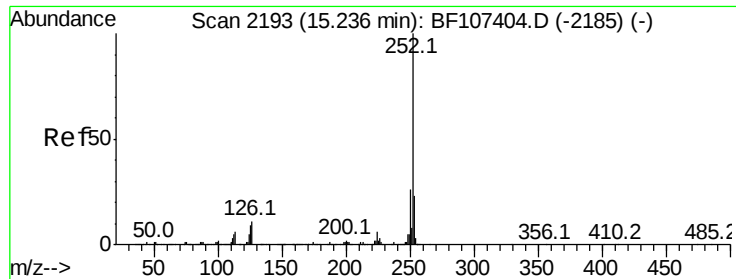
Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.2	28.8
265	22.9	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





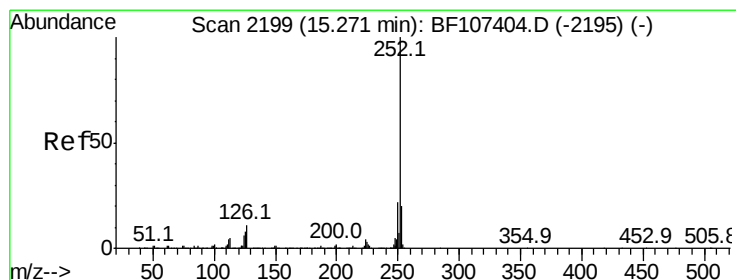
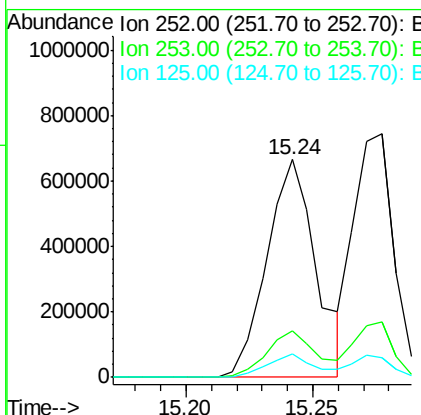
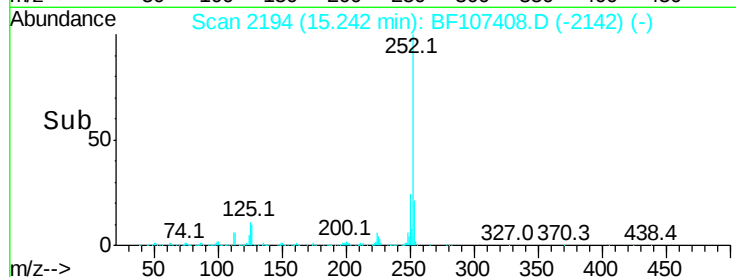
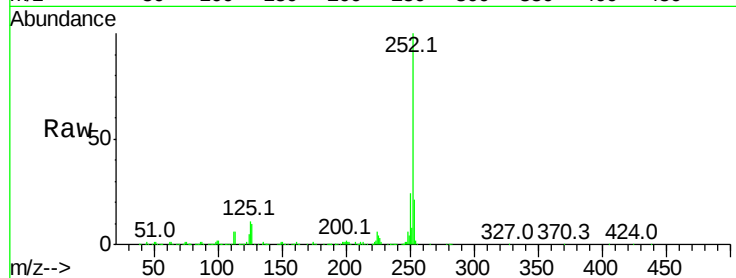
#87
Benzo(b)fluoranthene
Concen: 40.005 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	10.8	9.0	13.6

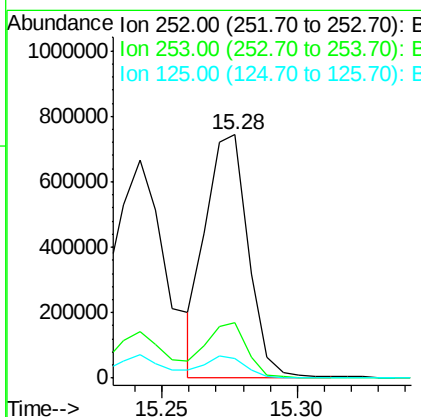
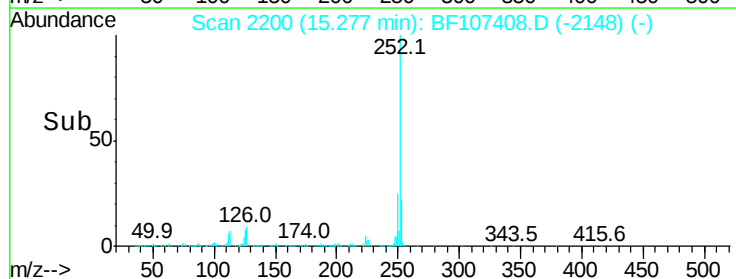
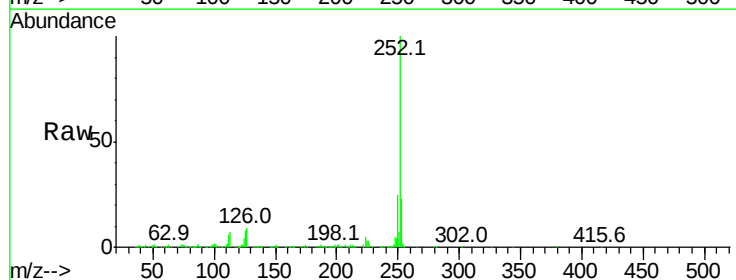
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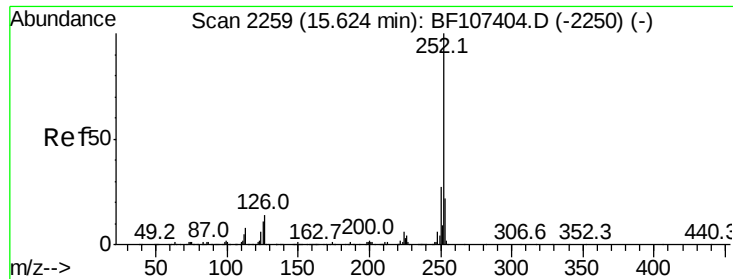
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#88
Benzo(k)fluoranthene
Concen: 37.300 ng m
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.0	10.2	15.2#





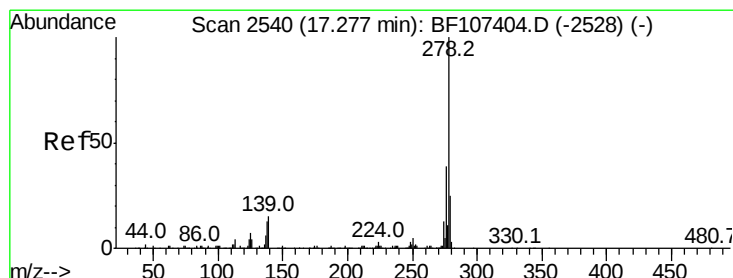
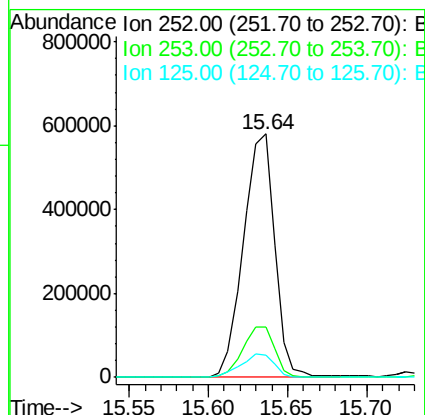
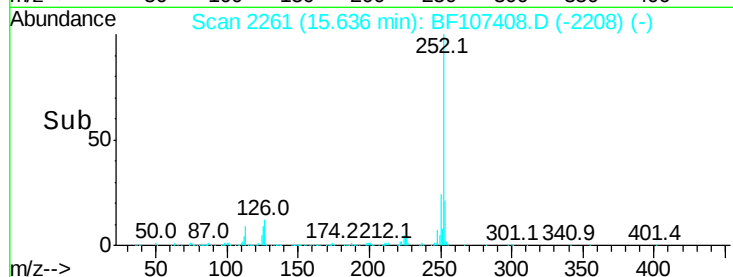
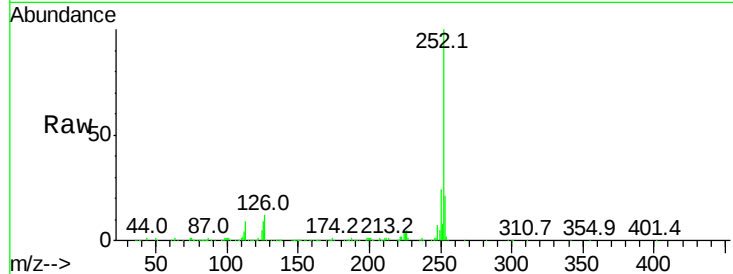
#89
Benzo(a)pyrene
Concen: 38.459 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Instrument :
BNA_F
ClientSampleId :
ICVBF071618

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	20.9	17.1	25.7
125	9.0	9.8	14.6

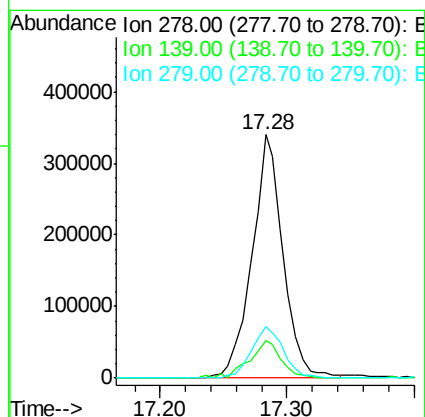
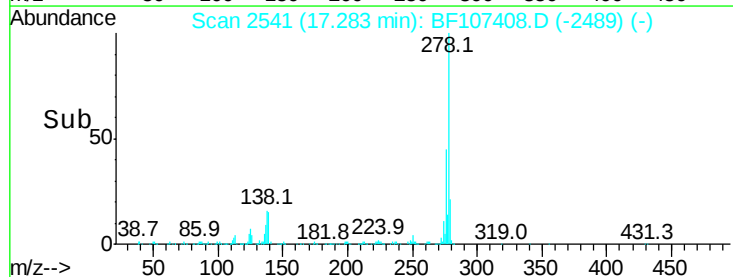
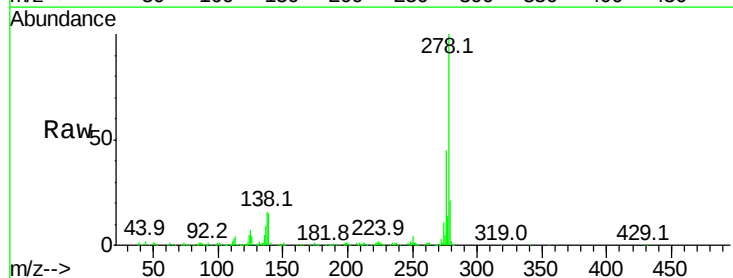
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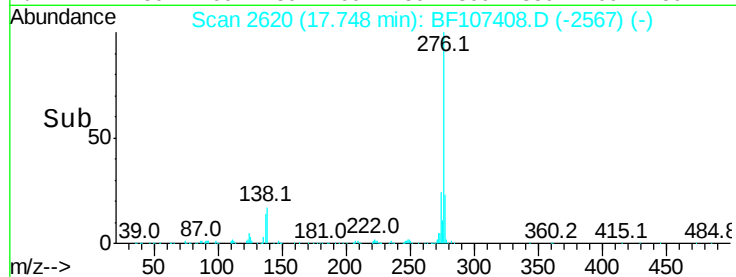
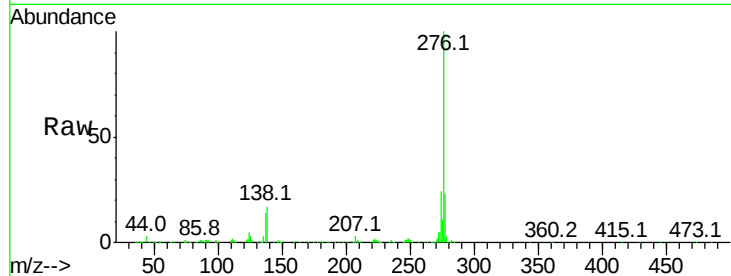
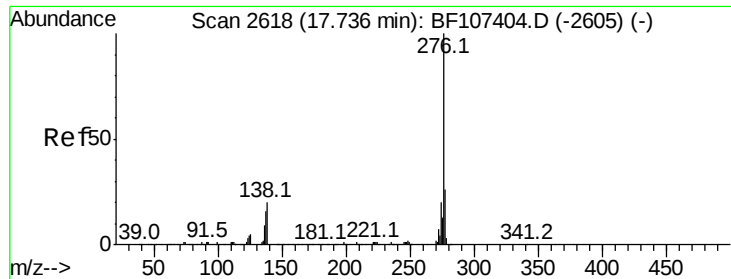
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#90
Dibenzo(a,h)anthracene
Concen: 37.034 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF107408.D
Acq: 16 Jul 2018 17:06

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	15.2	15.9	23.9
279	21.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.742 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. 0.01 min
 Lab File: BF107408.D
 Acq: 16 Jul 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071618

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	17.1	21.8	32.8

Manual Integrations
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