

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107405.D
 Acq On : 16 Jul 2018 15:28
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 7/17/2018 4:52:48 PM

Quant Time: Jul 16 16:04:15 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 15:31:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	136429	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	508278	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	275278	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	590834	20.00	ng	0.00
75) Chrysene-d12	14.17	240	482393	20.00	ng	0.00
86) Perylene-d12	15.69	264	382930	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	832148	103.28	ng	0.00
7) Phenol-d6	6.60	99	1086763	108.01	ng	0.00
23) Nitrobenzene-d5	7.55	82	1020091	111.53	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	222613	69.77	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1664137	92.34	ng	0.00
78) Terphenyl-d14	13.10	244	1721944	86.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	215744	52.085	ng	89
3) Pyridine	3.61	79	570954	50.825	ng	93
4) n-Nitrosodimethylamine	3.58	42	237392	49.755	ng	# 83
6) Aniline	6.65	93	746762	54.715	ng	# 87
8) 2-Chlorophenol	6.77	128	424000	47.980	ng	90
9) Benzaldehyde	6.54	77	438183	63.756	ng	89
10) Phenol	6.61	94	566920	49.372	ng	# 71
11) bis(2-Chloroethyl)ether	6.71	93	465530	49.110	ng	95
12) 1,3-Dichlorobenzene	6.92	146	520601	50.299	ng	# 91
13) 1,4-Dichlorobenzene	7.00	146	514165	49.137	ng	96
14) 1,2-Dichlorobenzene	7.15	146	457844m	47.743	ng	
15) Benzyl Alcohol	7.12	79	577031	71.423	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	7.25	45	517731	41.627	ng	83
17) 2-Methylphenol	7.22	107	403445	53.349	ng	# 85
18) Hexachloroethane	7.50	117	194542	52.869	ng	90
19) n-Nitroso-di-n-propylamine	7.40	70	394222	59.440	ng	# 95
20) 3+4-Methylphenols	7.38	107	502069	57.359	ng	# 83
22) Acetophenone	7.39	105	668857	58.819	ng	92
24) Nitrobenzene	7.57	77	567679	60.794	ng	# 86
25) Isophorone	7.80	82	909324	56.421	ng	# 93
26) 2-Nitrophenol	7.88	139	197453	44.794	ng	# 68
27) 2,4-Dimethylphenol	7.90	122	376878	55.315	ng	86
28) bis(2-Chloroethoxy)methane	8.01	93	569644	52.642	ng	96
29) 2,4-Dichlorophenol	8.11	162	398190	55.823	ng	94
30) 1,2,4-Trichlorobenzene	8.20	180	457025	58.161	ng	99
31) Naphthalene	8.29	128	1170557	49.259	ng	99
32) Benzoic acid	8.02	122	258034	56.312	ng	# 75
33) 4-Chloroaniline	8.33	127	517893	51.940	ng	# 82
34) Hexachlorobutadiene	8.40	225	305067	59.581	ng	96
35) Caprolactam	8.71	113	131446	56.532	ng	# 85
36) 4-Chloro-3-methylphenol	8.80	107	521342	69.438	ng	# 79
37) 2-Methylnaphthalene	8.98	142	765033	48.570	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	477222	51.478	ng	99
40) Hexachlorocyclopentadiene	9.13	237	273039	57.245	ng	95

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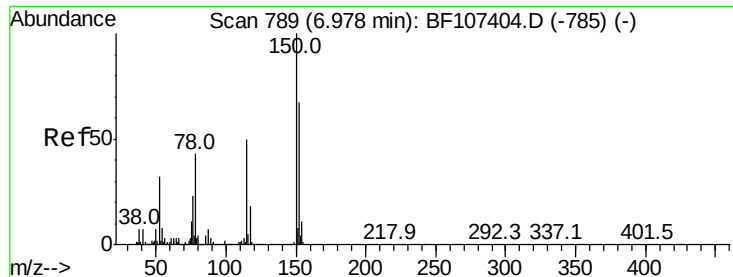
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	319355	51.824	nq	94
43) 2,4,5-Trichlorophenol	9.28	196	320974	49.917	nq #	92
45) 1,1'-Biphenyl	9.44	154	1052931	47.995	nq	96
46) 2-Chloronaphthalene	9.47	162	867067	50.211	nq	94
47) 2-Nitroaniline	9.56	65	309346	53.272	nq #	78
48) Acenaphthylene	9.89	152	1196321	43.880	nq	97
49) Dimethylphthalate	9.74	163	1034090	50.086	nq #	99
50) 2,6-Dinitrotoluene	9.80	165	221115	50.576	nq #	60
51) Acenaphthene	10.06	154	805237	46.903	nq	99
52) 3-Nitroaniline	9.98	138	226977	45.117	nq #	79
53) 2,4-Dinitrophenol	10.07	184	79869	40.114	nq #	33
54) Dibenzofuran	10.23	168	1203953	51.213	nq	93
55) 4-Nitrophenol	10.12	139	181590	51.711	nq #	53
56) 2,4-Dinitrotoluene	10.21	165	275748	48.321	nq #	78
57) Fluorene	10.58	166	803624	43.079	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	281665	55.105	nq #	89
59) Diethylphthalate	10.44	149	1005612	50.465	nq	94
60) 4-Chlorophenyl-phenylether	10.57	204	491307	50.335	nq	98
61) 4-Nitroaniline	10.60	138	212570	42.575	nq #	38
62) Azobenzene	10.72	77	1151361	58.673	nq	88
64) 4,6-Dinitro-2-methylphenol	10.61	198	161043	44.095	nq	94
65) n-Nitrosodiphenylamine	10.68	169	839526	42.245	nq	93
66) 4-Bromophenyl-phenylether	11.05	248	300524	42.620	nq #	86
67) Hexachlorobenzene	11.12	284	282059	38.219	nq #	90
68) Atrazine	11.21	200	315338	49.914	nq	98
69) Pentachlorophenol	11.31	266	231433	62.848	nq	95
70) Phenanthrene	11.54	178	1305541	45.813	nq	97
71) Anthracene	11.60	178	1355426	46.599	nq	98
72) Carbazole	11.75	167	1244684	45.705	nq	95
73) Di-n-butylphthalate	12.07	149	1480762	46.155	nq #	98
74) Fluoranthene	12.73	202	1475117	46.964	nq	95
76) Benzidine	12.85	184	928424	67.579	nq #	97
77) Pyrene	12.97	202	1526522	47.988	nq	96
79) Butylbenzylphthalate	13.57	149	631173	48.259	nq #	78
80) Benzo(a)anthracene	14.15	228	1388333	47.221	nq	98
81) 3,3'-Dichlorobenzidine	14.11	252	476157	46.081	nq	96
82) Chrysene	14.19	228	1303087	48.176	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	836541	50.030	nq	96
84) Di-n-octyl phthalate	14.75	149	1363089	50.011	nq	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	860529	37.489	nq	93
87) Benzo(b)fluoranthene	15.24	252	1120334	47.098	nq	97
88) Benzo(k)fluoranthene	15.27	252	1051341	46.411	nq	97
89) Benzo(a)pyrene	15.63	252	993332	46.974	nq #	94
90) Dibenzo(a,h)anthracene	17.28	278	727972	40.620	nq #	92
91) Benzo(g,h,i)perylene	17.74	276	727952	41.558	nq #	92

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



#1

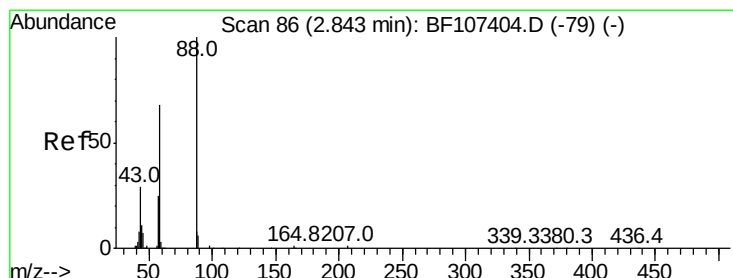
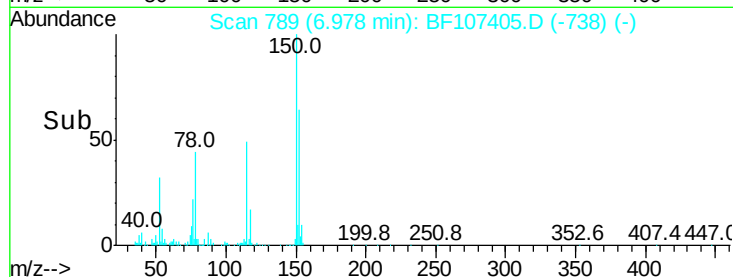
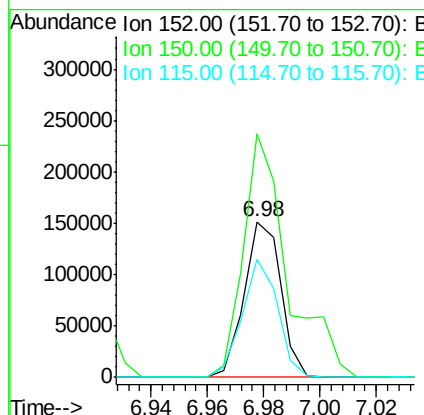
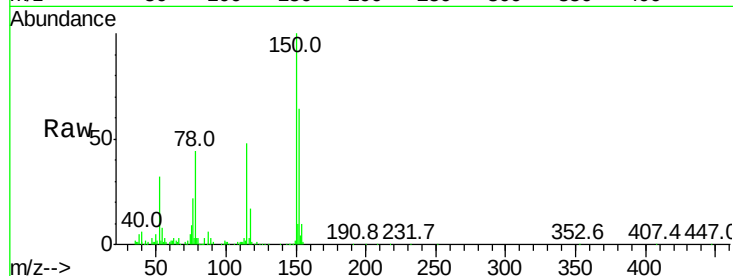
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	75.8	50.1	75.1#

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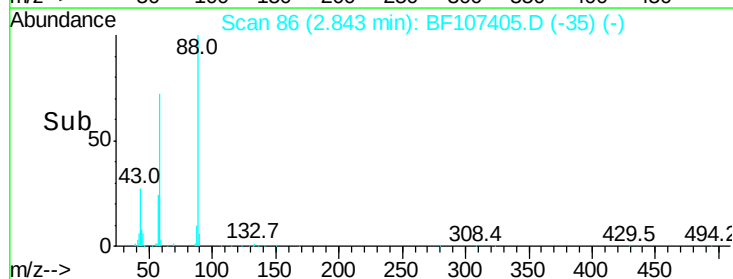
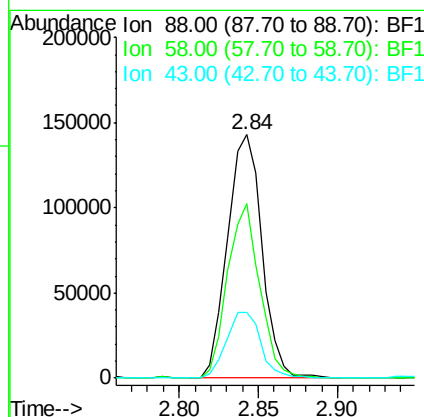
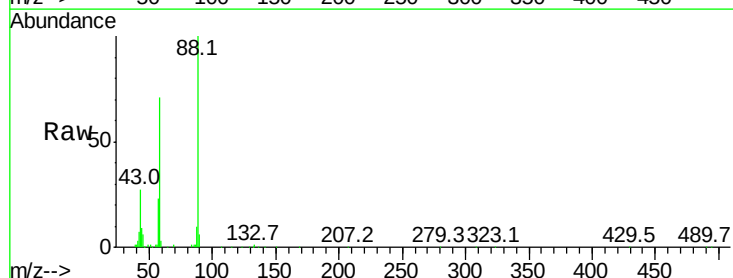
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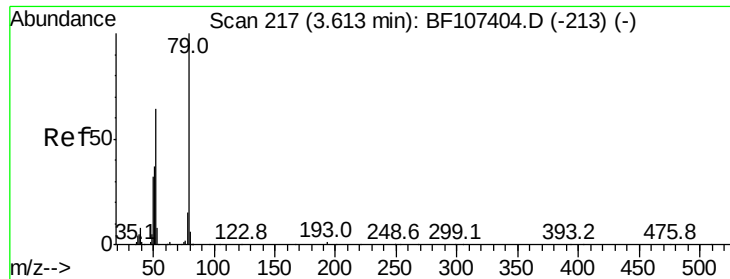


#2

1,4-Dioxane
 Concen: 52.085 ng
 RT: 2.84 min Scan# 86
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	62.6	93.8
43	27.1	24.6	37.0





#3

Pvridine

Concen: 50.825 ng

RT: 3.61 min Scan# 217

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

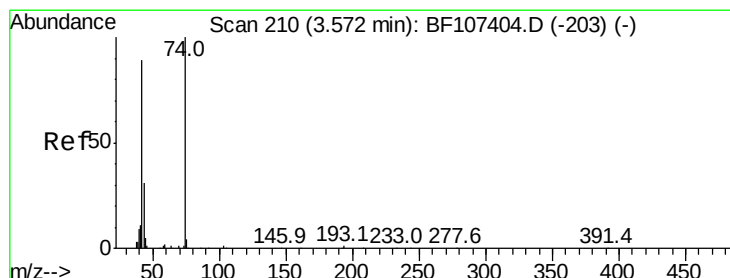
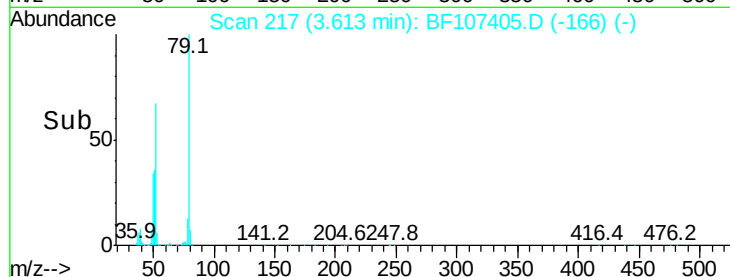
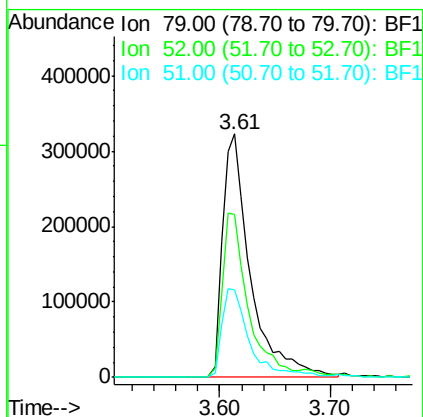
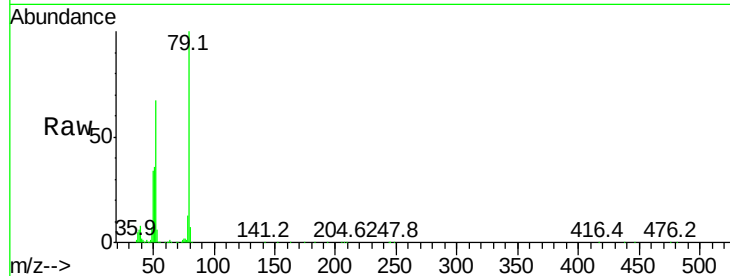
ClientSampleId :

SSTDICC050

Tot Ion:	79	Resp:	570954
Ion Ratio	Lower	Upper	
79	100		
52	67.2	59.8	89.6
51	36.1	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 49.755 ng

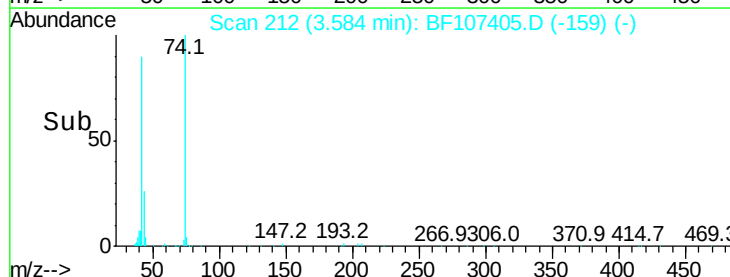
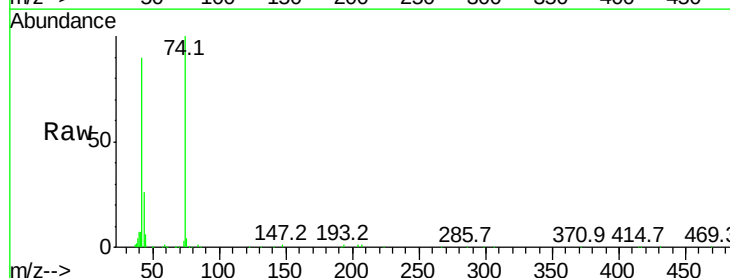
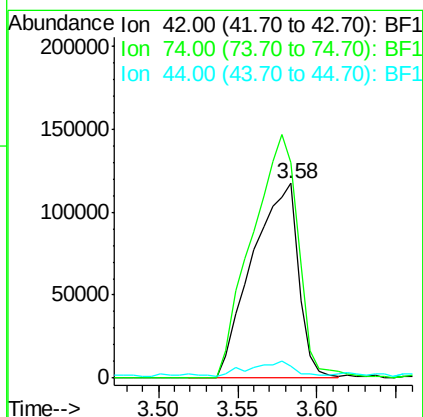
RT: 3.58 min Scan# 212

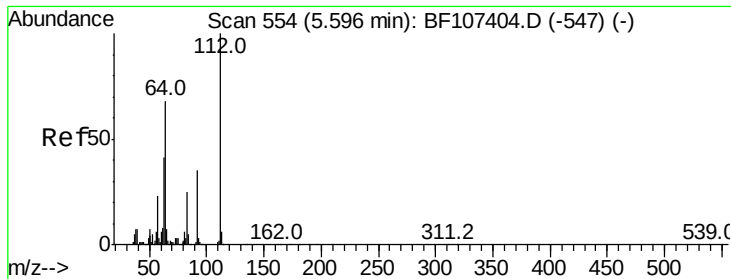
Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:	42	Resp:	237392
Ion Ratio	Lower	Upper	
42	100		
74	110.8	104.9	157.3
44	6.2	6.9	10.3#





#5

2-Fluorophenol

Concen: 103.284 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

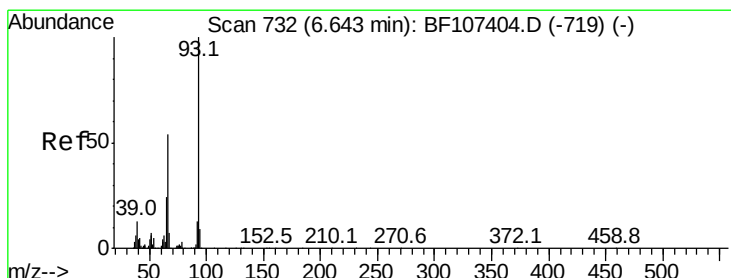
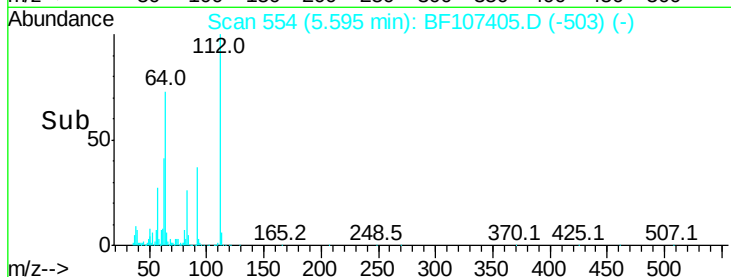
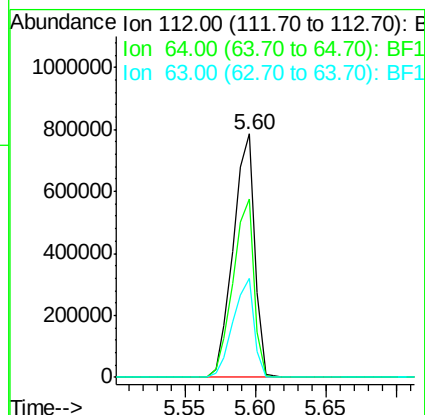
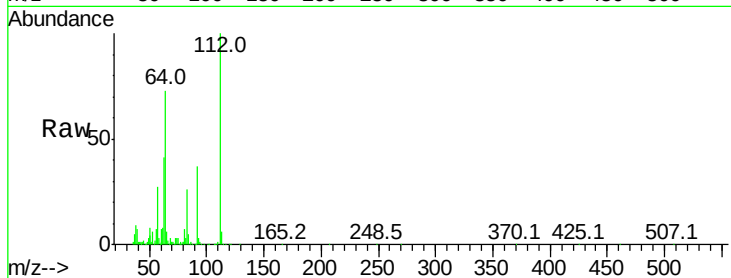
ClientSampled :

SSTDICC050

Tot Ion:	112	Resp:	832148
Ion Ratio	Lower	Upper	
112	100		
64	73.3	47.9	71.9#
63	40.8	23.7	35.5#

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#6

Aniline

Concen: 54.715 ng

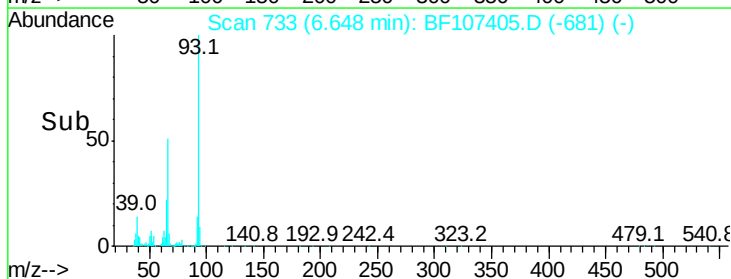
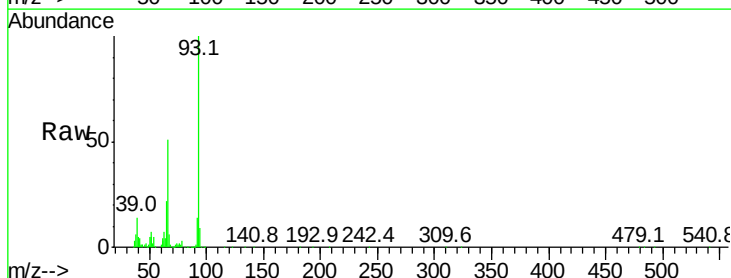
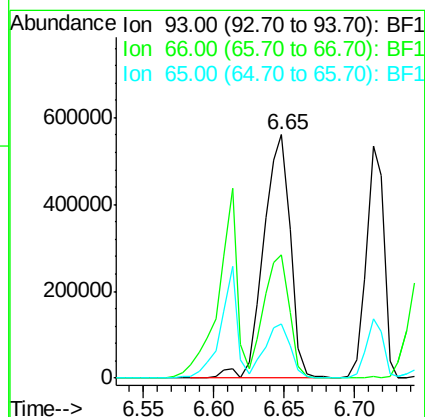
RT: 6.65 min Scan# 733

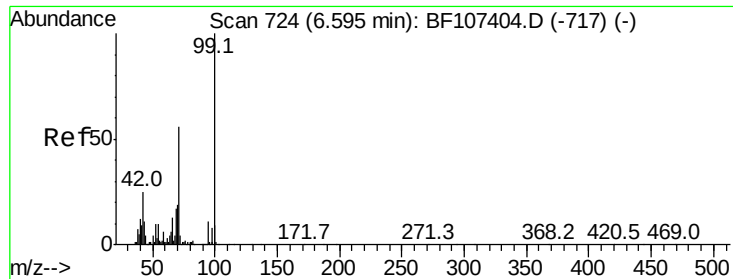
Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:	93	Resp:	746762
Ion Ratio	Lower	Upper	
93	100		
66	50.9	32.2	48.2#
65	22.1	16.4	24.6





#7

Phenol-d6

Concen: 108.012 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion: 99 Resp: 1086763

Ion Ratio Lower Upper

99 100

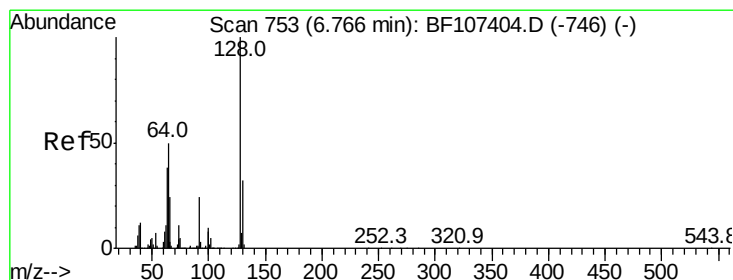
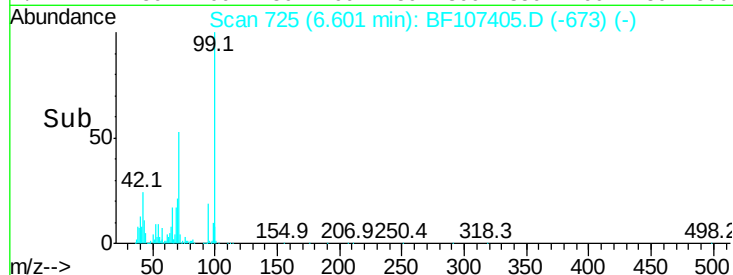
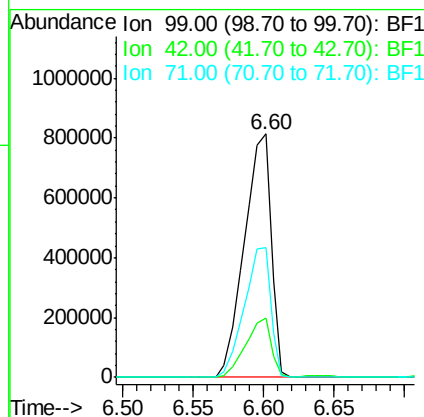
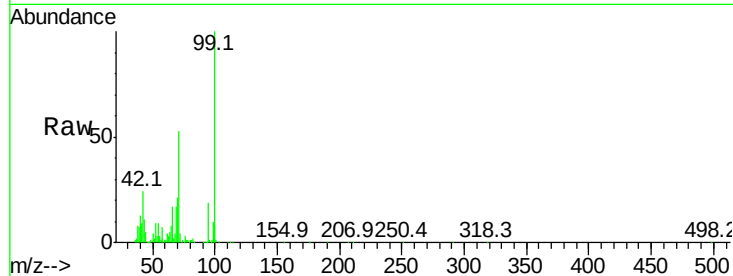
42 24.4 14.5 21.7#

71 53.3 25.4 38.0#

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#8

2-Chlorophenol

Concen: 47.980 ng

RT: 6.77 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

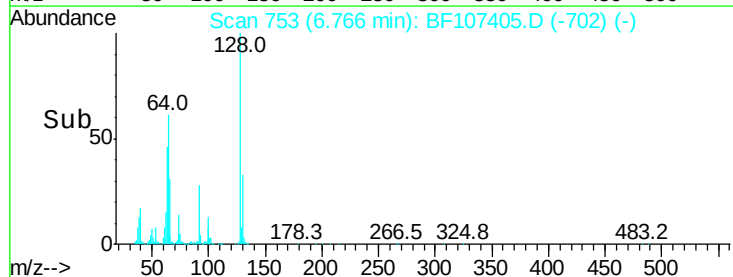
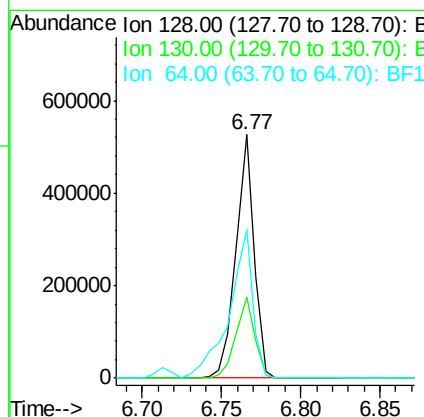
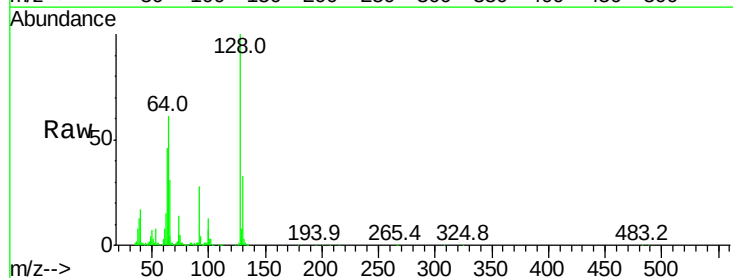
Tgt Ion: 128 Resp: 424000

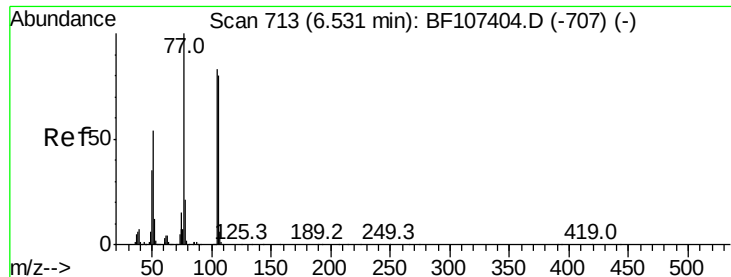
Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

64 61.0 29.4 69.4





#9

Benzaldehyde

Concen: 63.756 ng

RT: 6.54 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

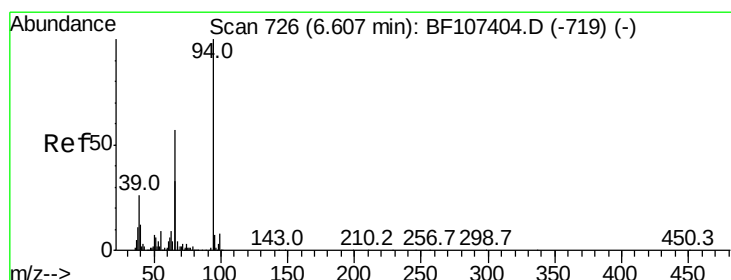
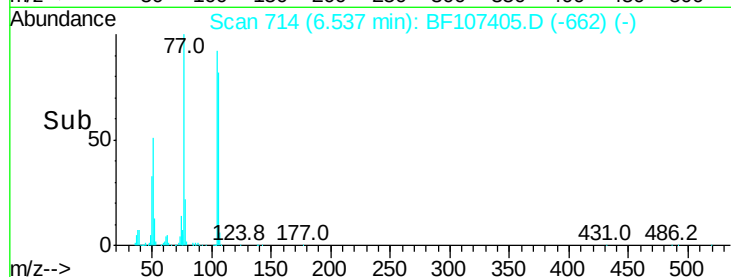
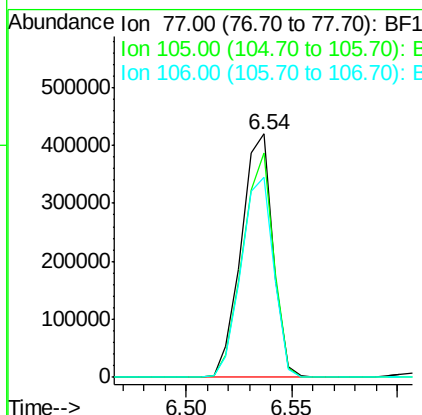
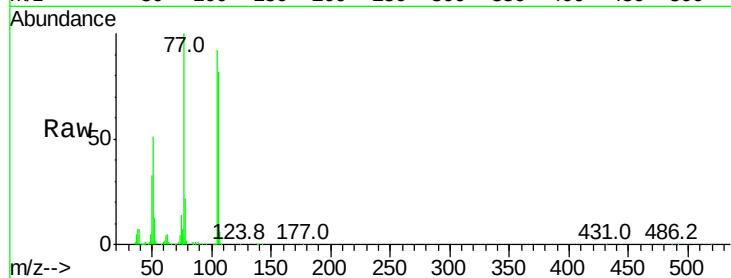
ClientSampled :

SSTDICC050

Tot Ion:	77	Resp:	438183
Ion Ratio	Lower	Upper	
77	100		
105	92.4	81.1	121.1
106	82.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 49.372 ng

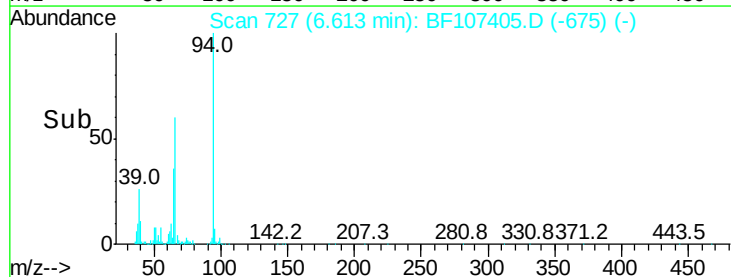
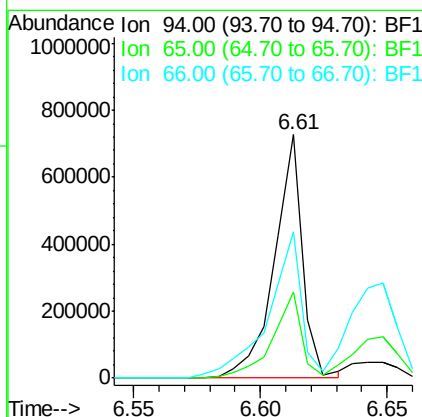
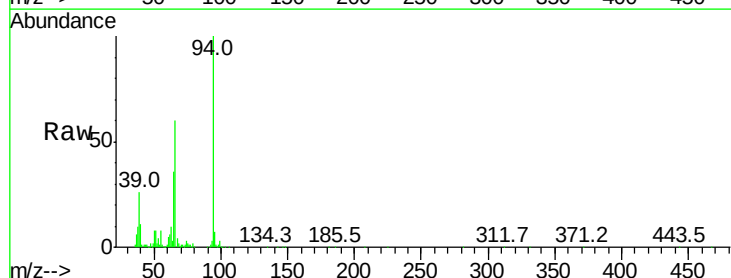
RT: 6.61 min Scan# 727

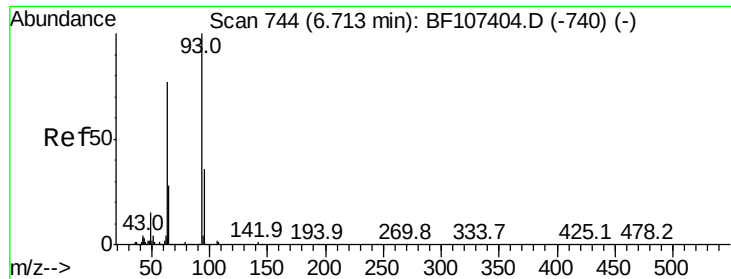
Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:	94	Resp:	566920
Ion Ratio	Lower	Upper	
94	100		
65	35.6	7.9	47.9
66	60.0	16.2	56.2#





#11

bis(2-Chloroethyl)ether

Concen: 49.110 ng

RT: 6.71 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

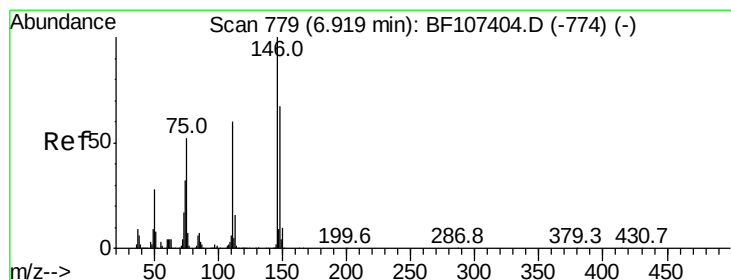
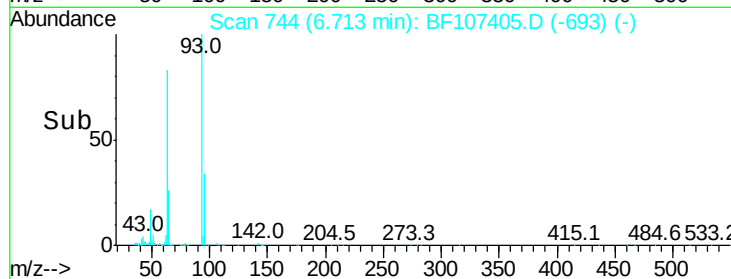
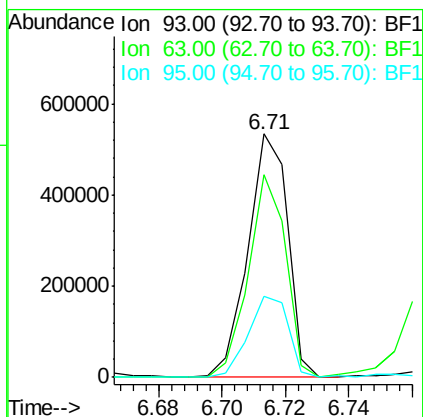
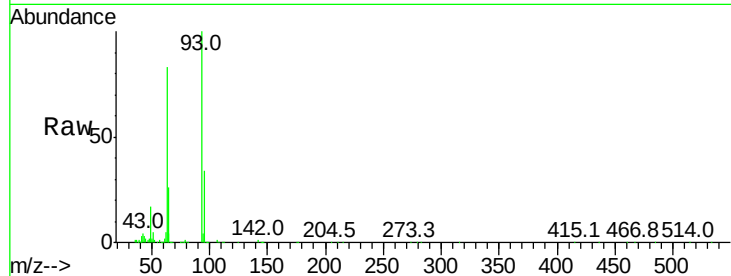
ClientSampleId :

SSTDIC050

Tot Ion:	93	Resp:	465530
Ion Ratio	Lower	Upper	
93	100		
63	83.2	58.6	98.6
95	33.5	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 50.299 ng

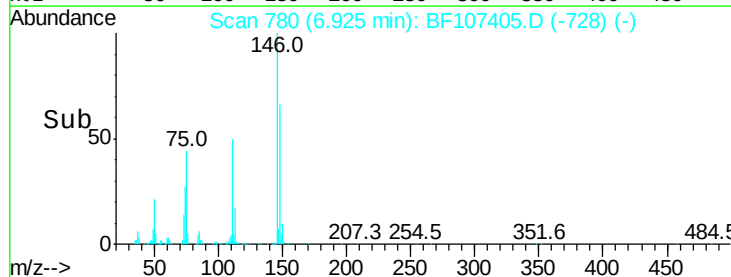
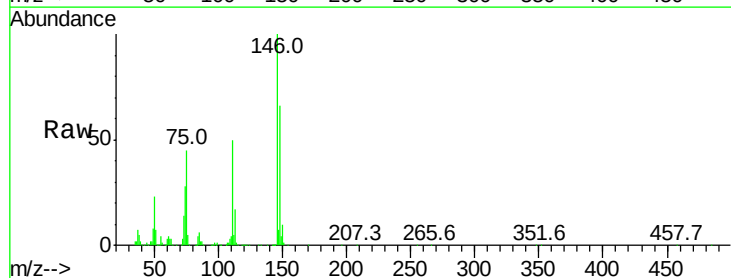
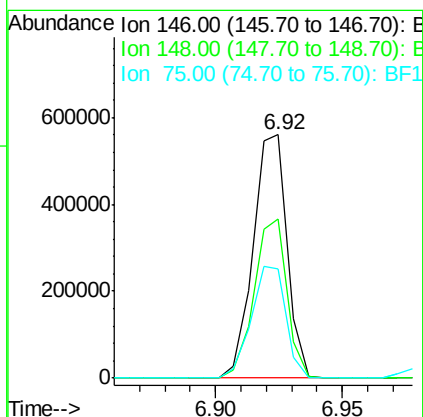
RT: 6.92 min Scan# 780

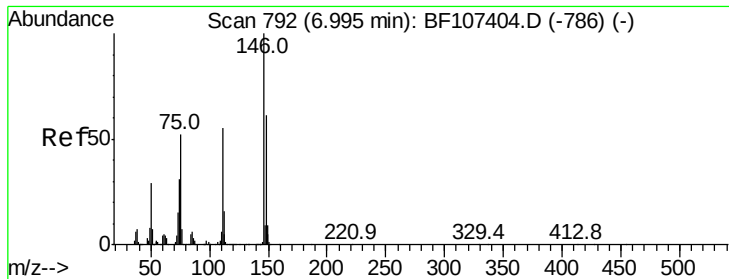
Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:	146	Resp:	520601
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.8	77.8
75	44.6	24.2	36.4#





#13

1,4-Dichlorobenzene

Concen: 49.137 ng

RT: 7.00 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF107405.D

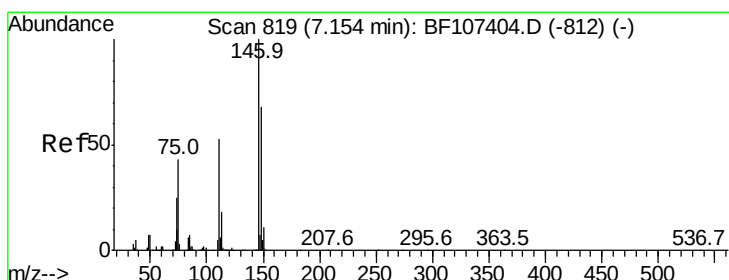
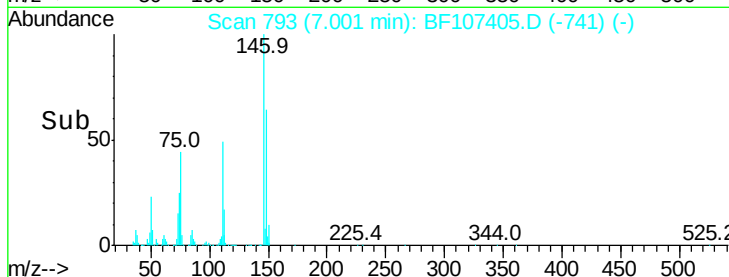
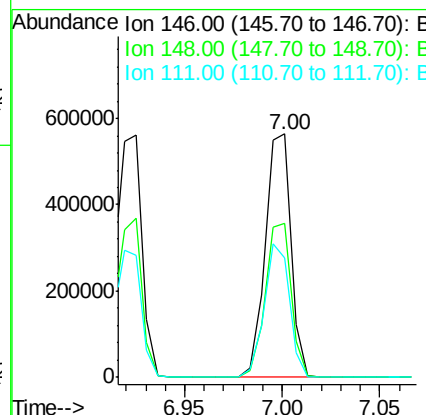
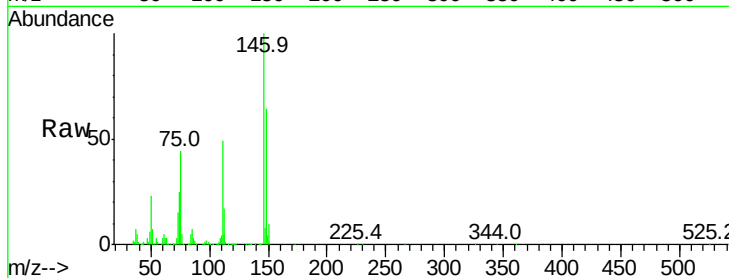
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	49.3	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 47.743 ng m

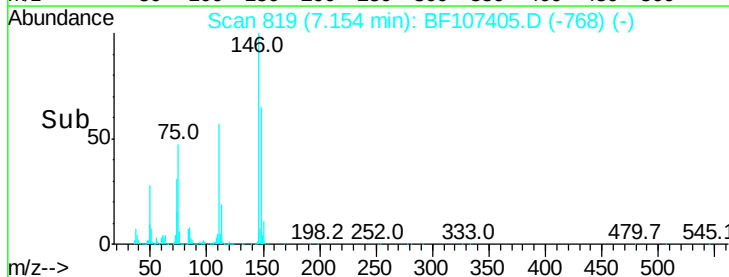
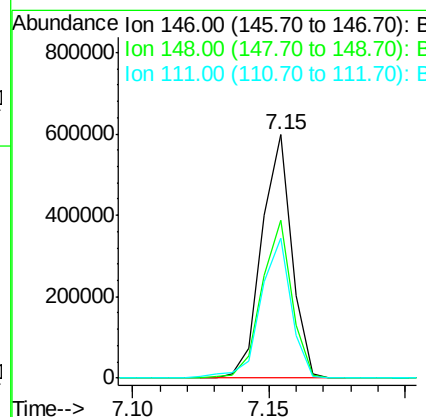
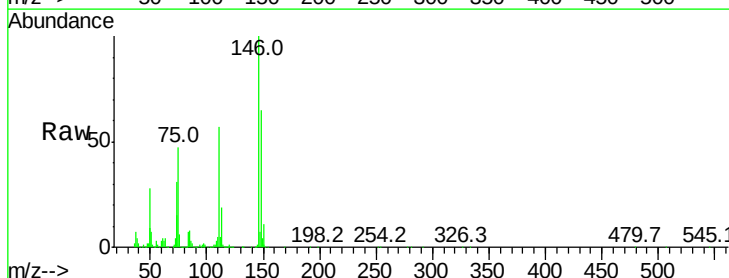
RT: 7.15 min Scan# 819

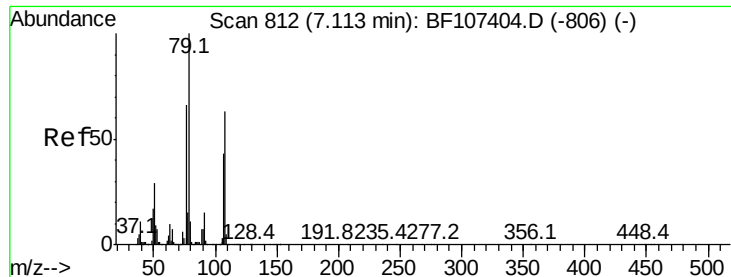
Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	75.8
111	57.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 71.423 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

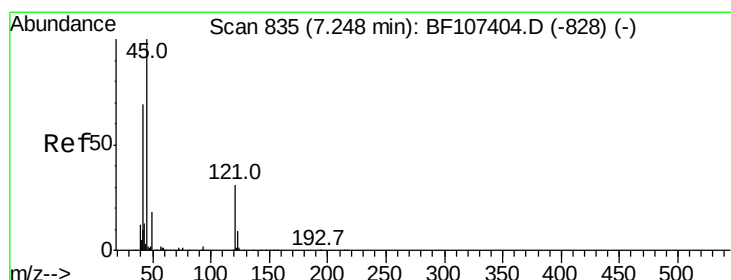
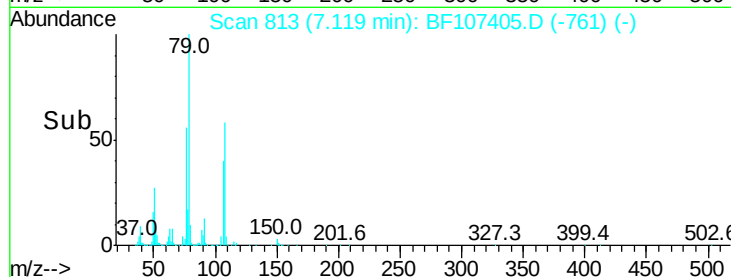
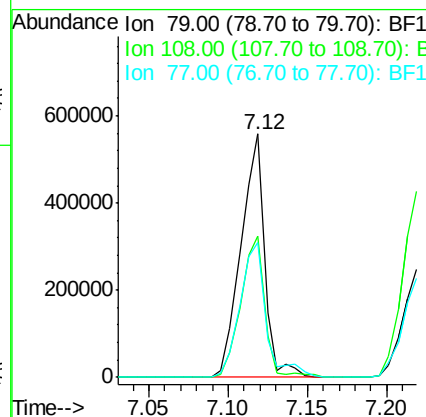
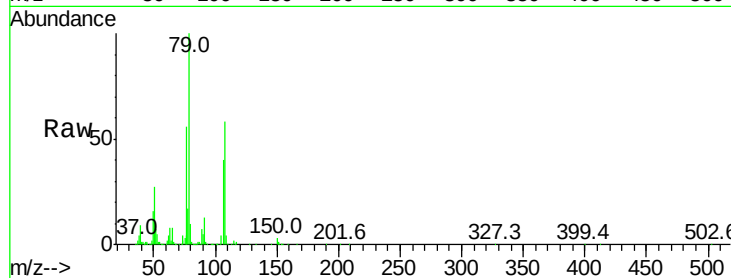
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
108	57.8	65.1	97.7#
77	55.6	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.627 ng

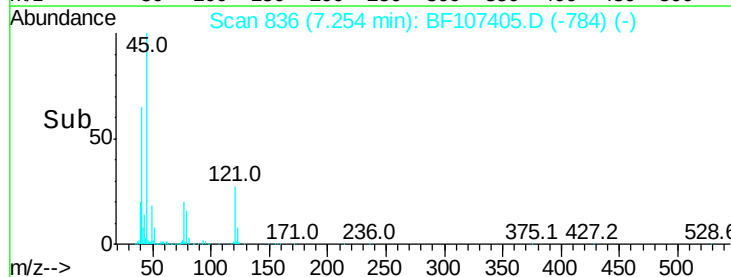
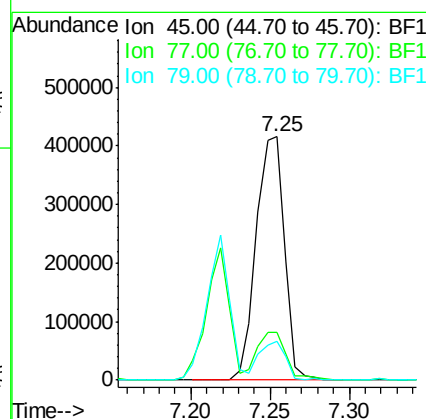
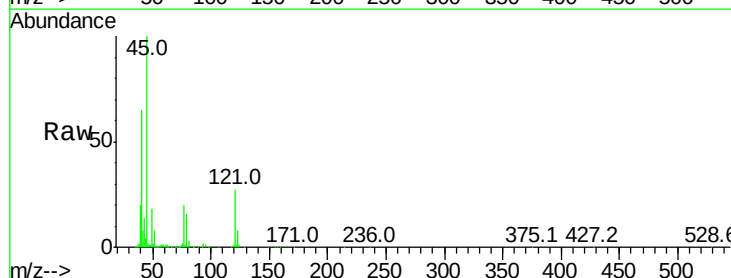
RT: 7.25 min Scan# 836

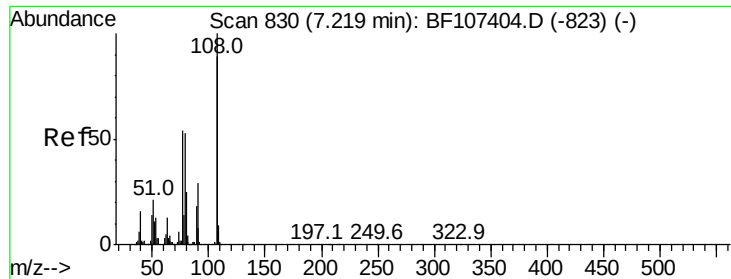
Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.9	0.0	32.9
79	15.8	0.0	29.6





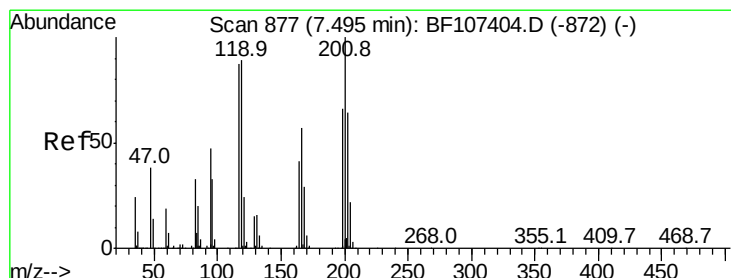
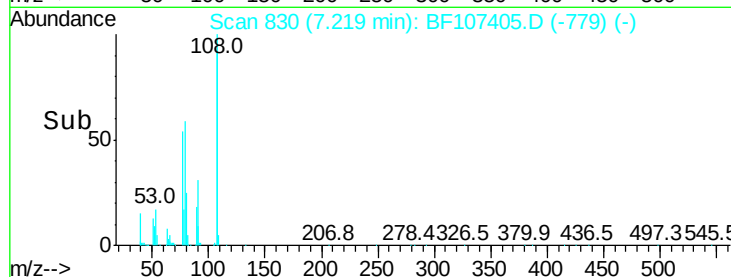
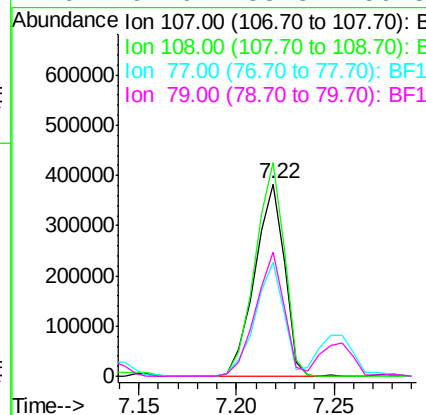
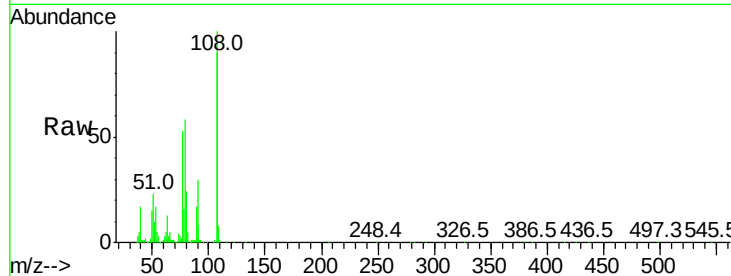
#17
2-Methylphenol
Concen: 53.349 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	91.7	137.5
77	59.2	33.8	50.8#
79	64.6	33.8	50.8#

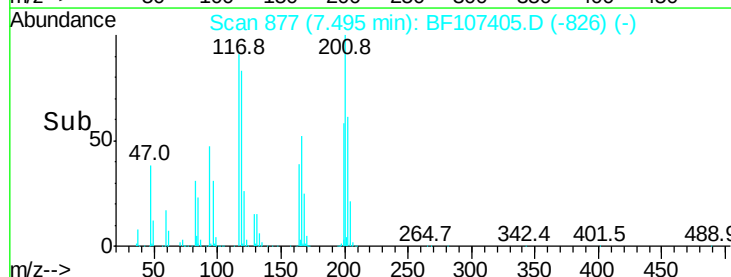
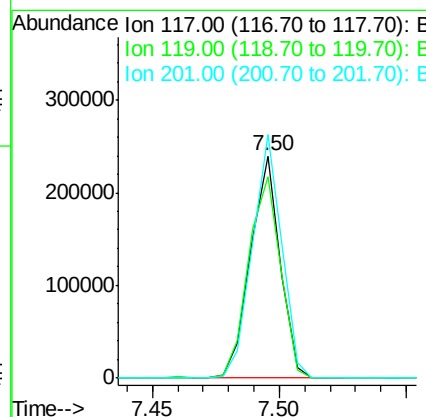
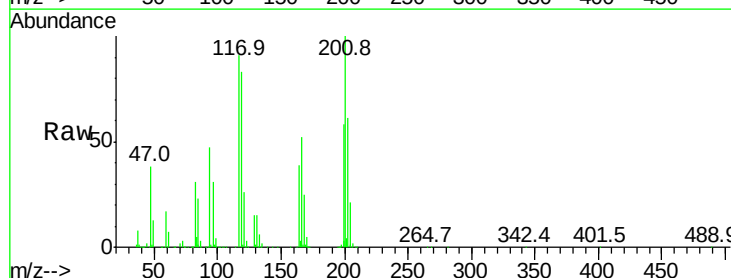
Manual Integrations
APPROVED

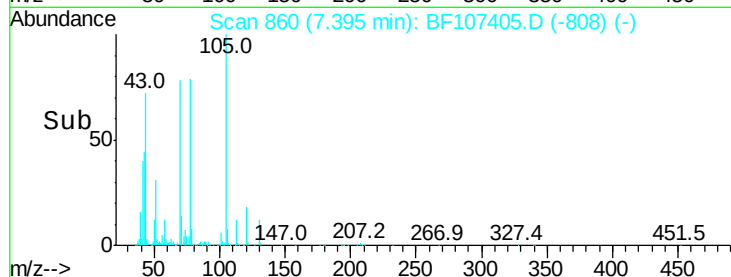
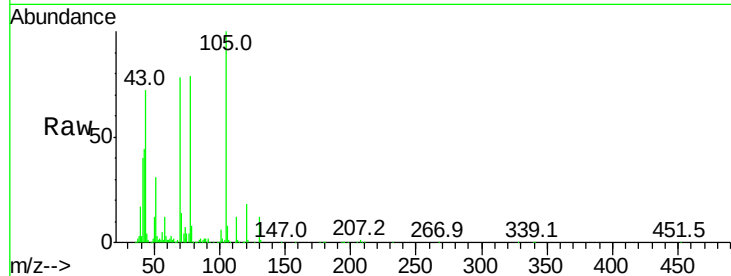
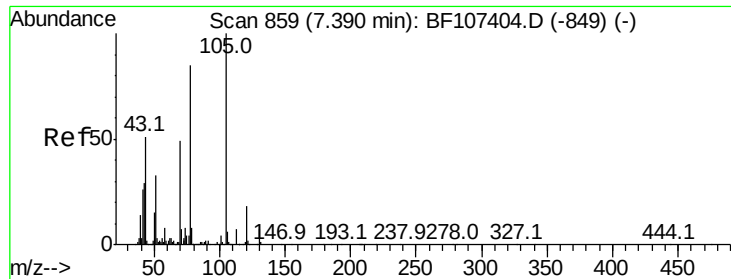
Sohil
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#18
Hexachloroethane
Concen: 52.869 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	75.8	113.8
201	109.8	75.7	113.5





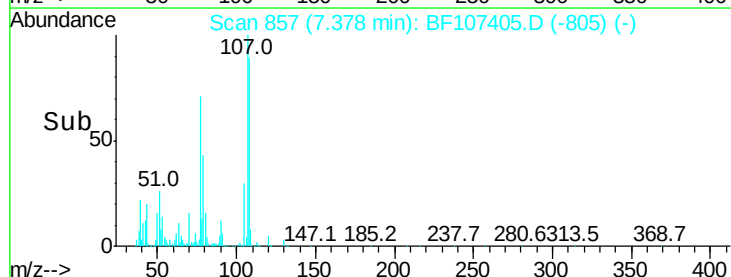
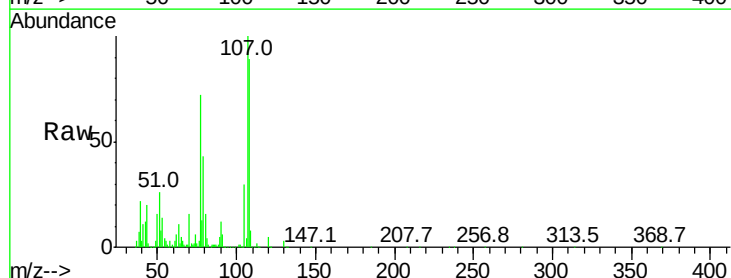
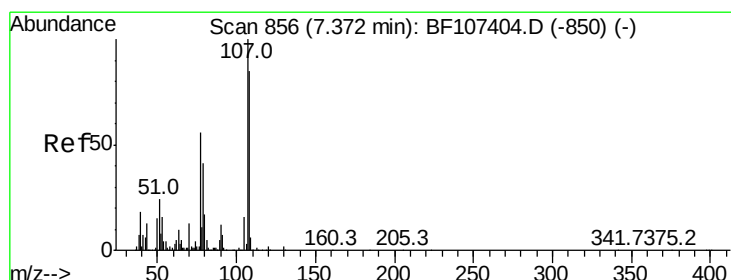
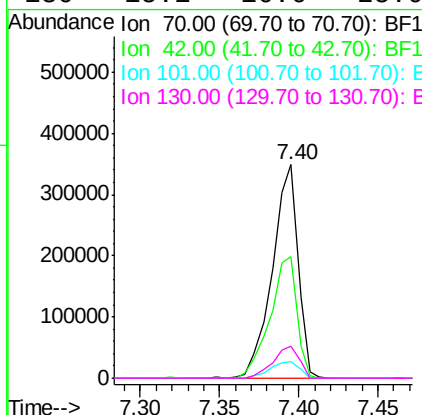
#19
n-Nitroso-di-n-propylamine
Concen: 59.440 ng
RT: 7.40 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampled :
SSTDICC050

Tot Ion	70	Resp	394222
Ion Ratio	Lower	Upper	
70	100		
42	57.0	47.5	71.3
101	7.6	7.4	11.2
130	15.1	16.6	25.0#

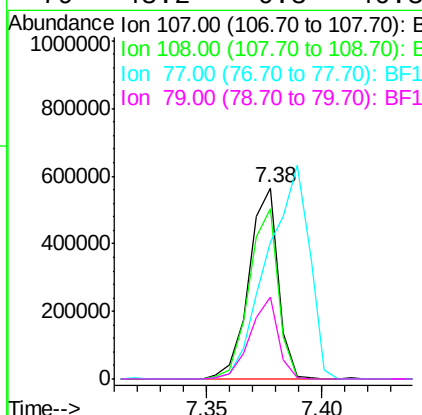
Manual Integrations
APPROVED

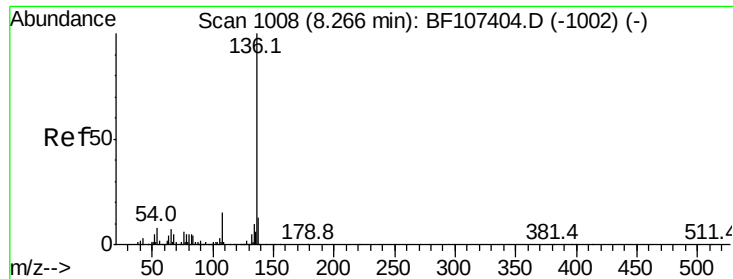
Sohil
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#20
3+4-Methylphenols
Concen: 57.359 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	107	Resp	502069
Ion Ratio	Lower	Upper	
107	100		
108	89.0	68.2	108.2
77	71.5	26.7	66.7#
79	43.2	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: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

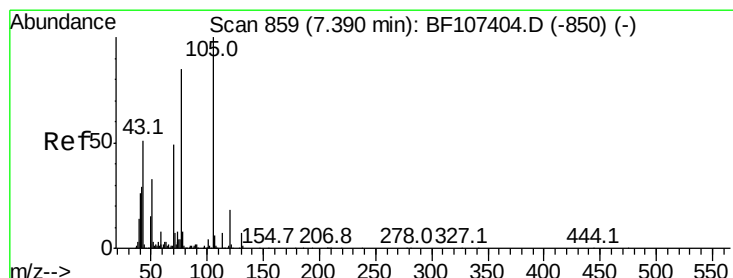
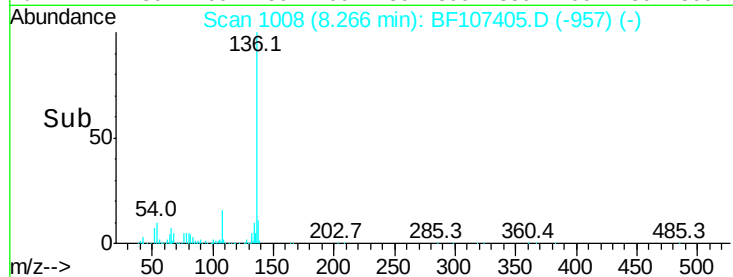
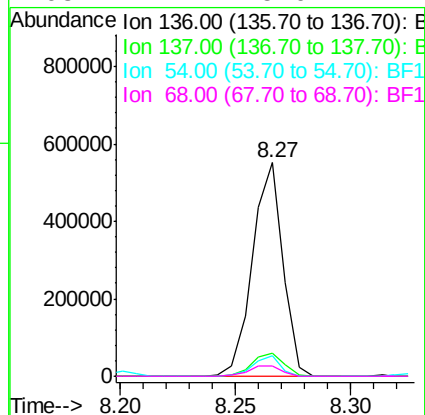
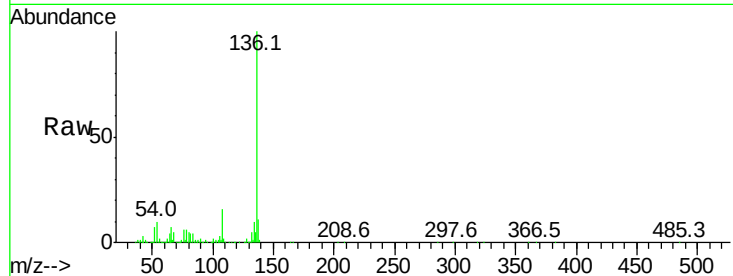
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.6	6.6	9.8
68	4.7	5.0	7.4#

Manual Integrations
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#22

Acetophenone

Concen: 58.819 ng

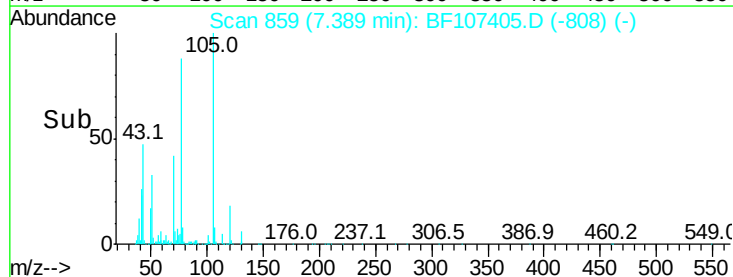
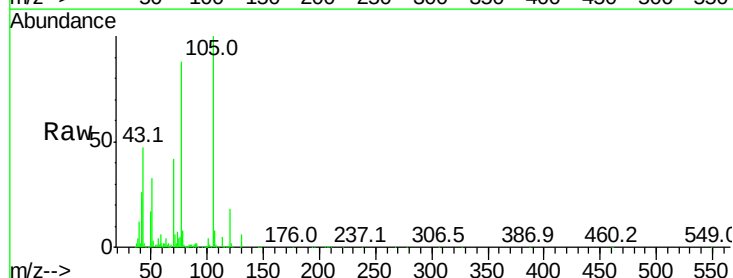
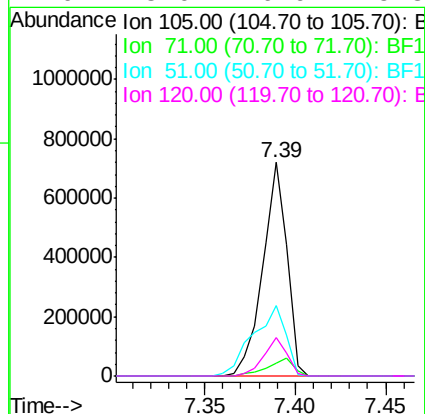
RT: 7.39 min Scan# 859

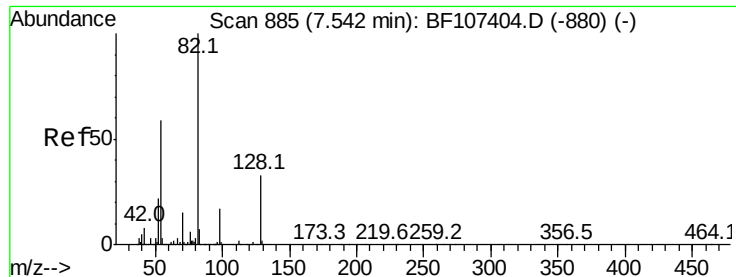
Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.0	4.4	6.6
51	33.2	22.3	33.5
120	18.0	16.9	25.3





#23

Nitrobenzene-d5

Concen: 111.534 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

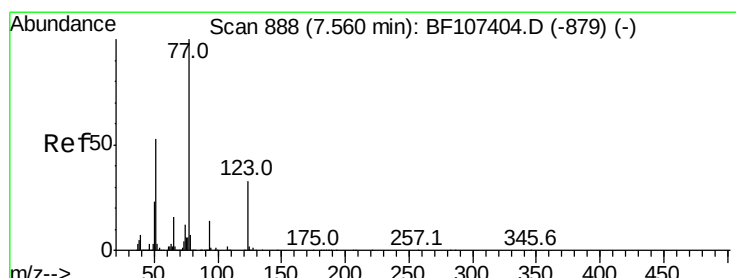
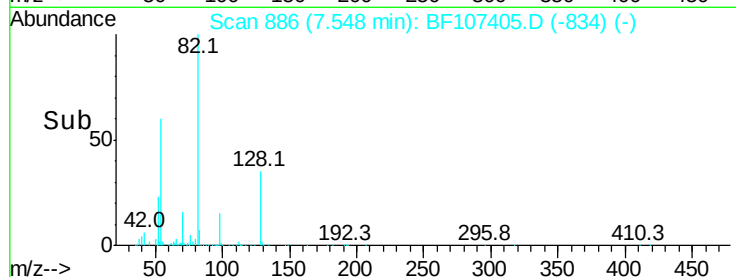
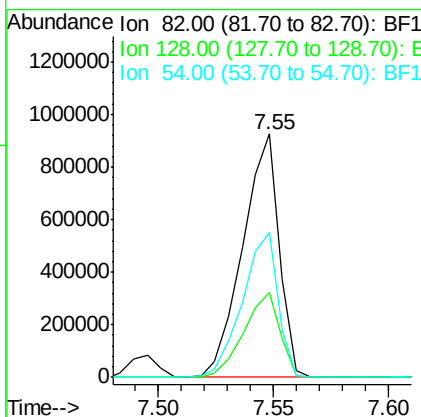
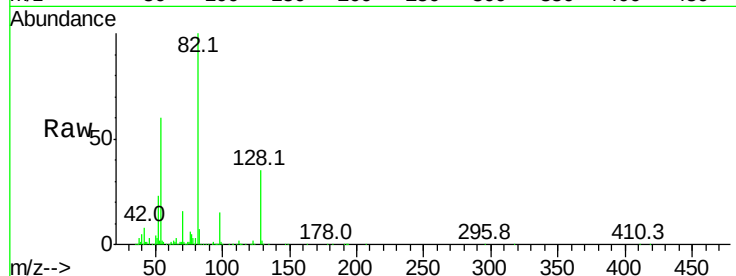
SSTDIC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.0	36.1	54.1#
54	59.5	41.4	62.2

Manual Integrations
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#24

Nitrobenzene

Concen: 60.794 ng

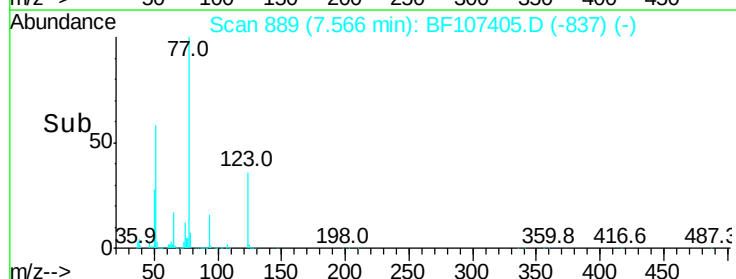
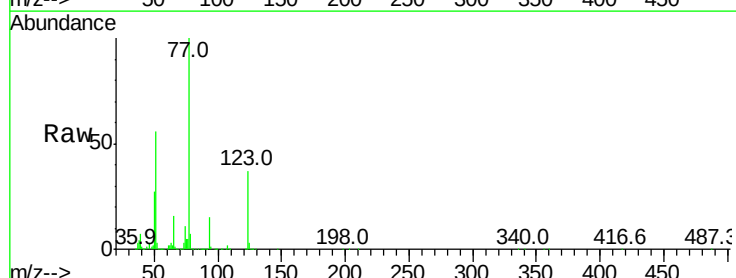
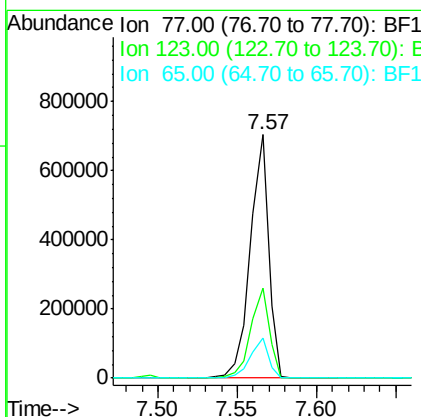
RT: 7.57 min Scan# 889

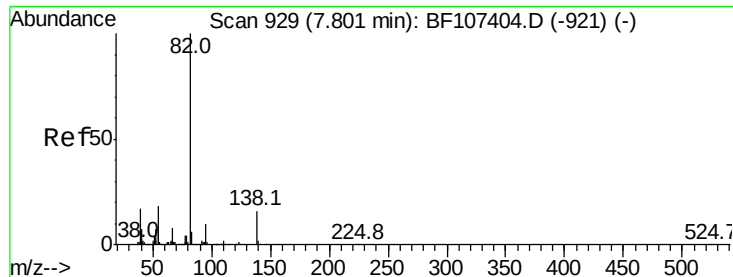
Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.8	37.9	56.9#
65	16.4	11.0	16.4





#25

Isophorone

Concen: 56.421 ng

RT: 7.80 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

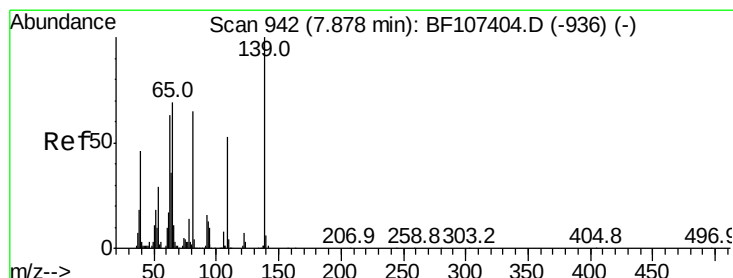
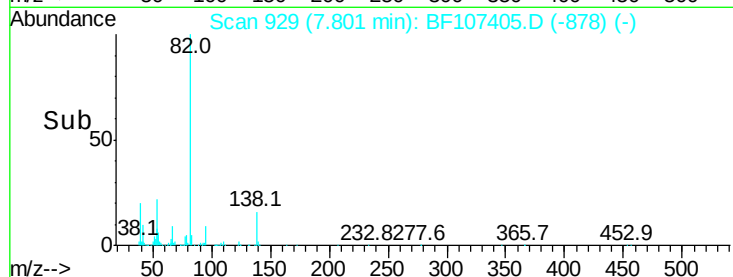
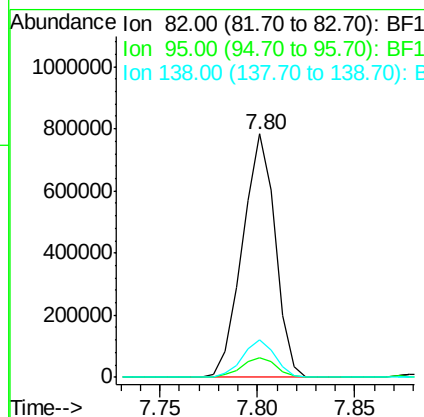
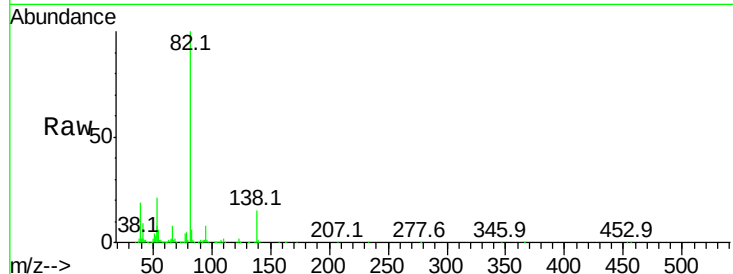
ClientSampleId :

SSTDIC050

Tot Ion	82	Resp	909324
Ion Ratio	Lower	Upper	
82	100		
95	8.2	5.2	7.8#
138	15.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.794 ng

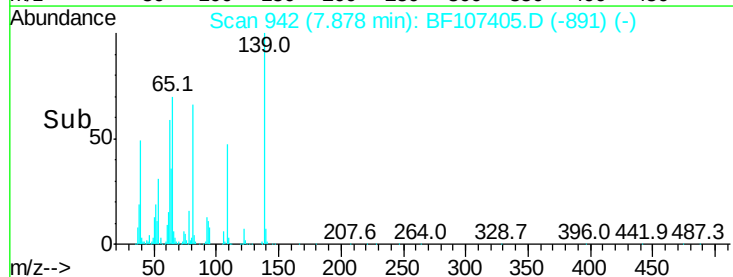
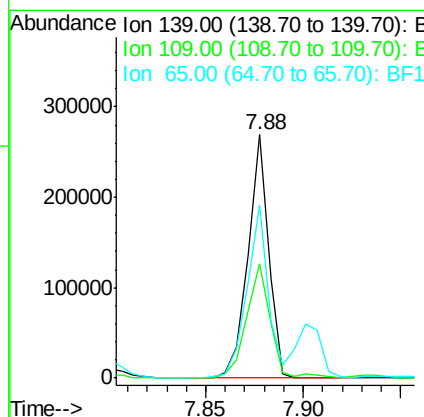
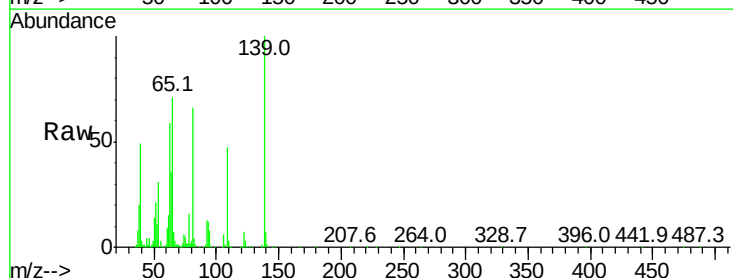
RT: 7.88 min Scan# 942

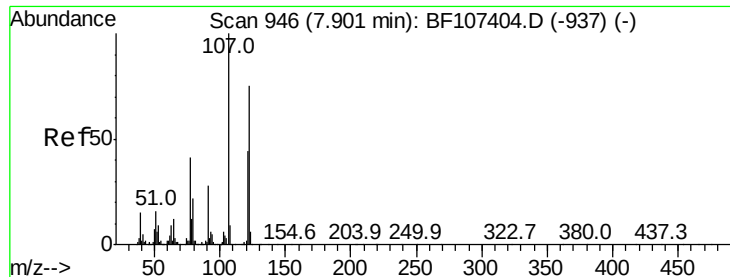
Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion	139	Resp	197453
Ion Ratio	Lower	Upper	
139	100		
109	47.0	22.7	34.1#
65	71.0	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 55.315 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

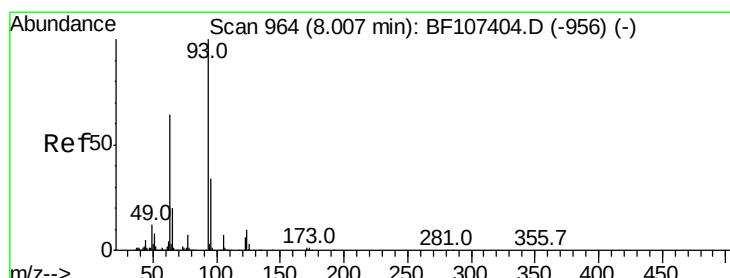
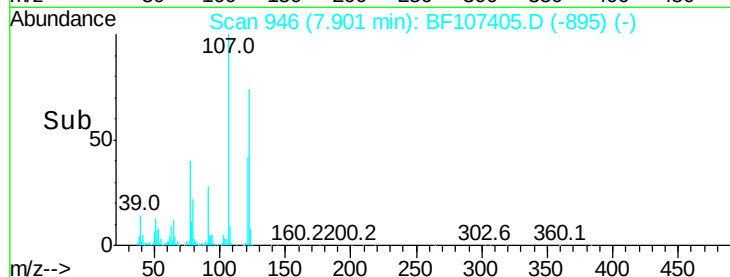
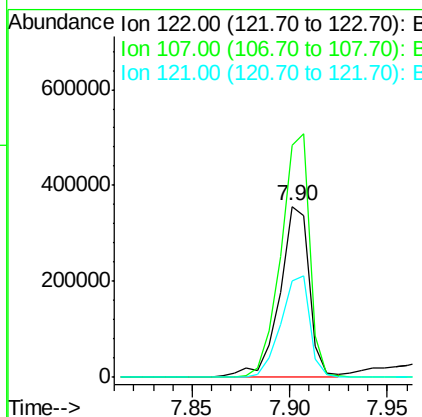
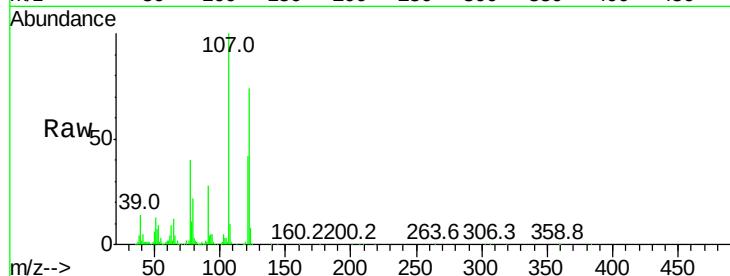
ClientSampleId :

SSTDIC050

Tot Ion:	122	Resp:	376878
Ion	Ratio	Lower	Upper
122	100		
107	136.0	91.2	136.8
121	56.8	47.2	70.8

Manual Integrations
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Sohil
7/17/2018 4:52:48 PM



#28

bis(2-Chloroethoxy)methane

Concen: 52.642 ng

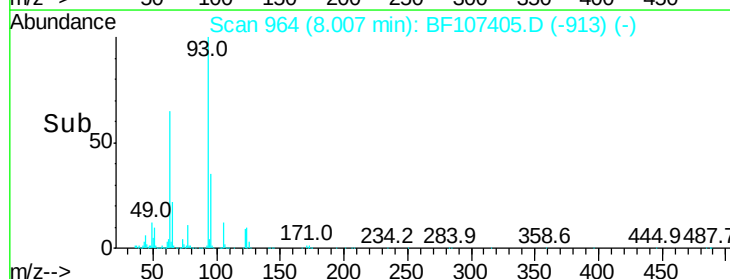
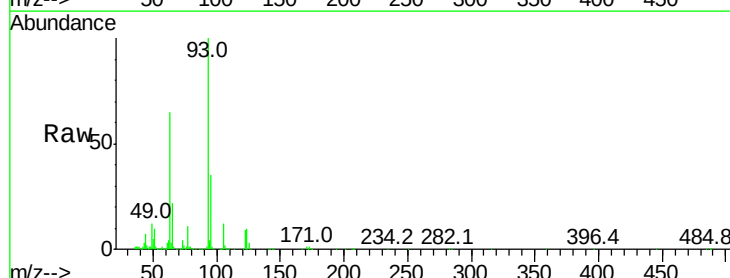
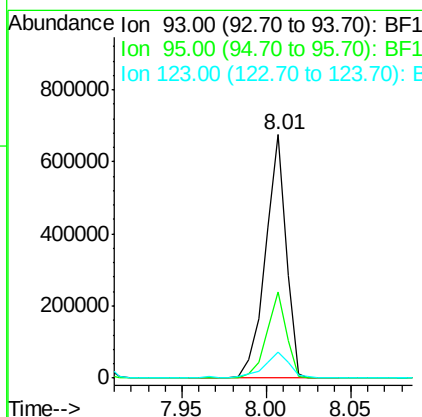
RT: 8.01 min Scan# 964

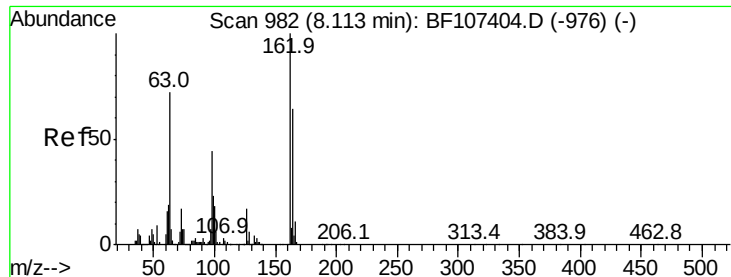
Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:	93	Resp:	569644
Ion	Ratio	Lower	Upper
93	100		
95	35.5	26.3	39.5
123	10.5	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 55.823 ng

RT: 8.11 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

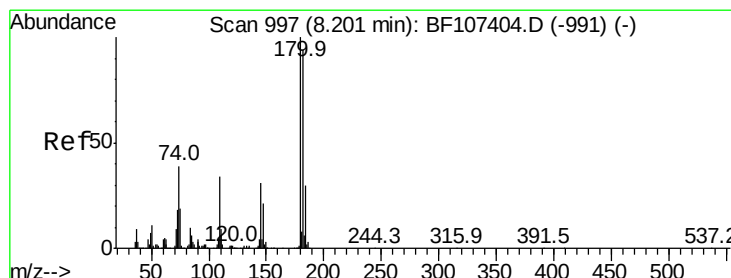
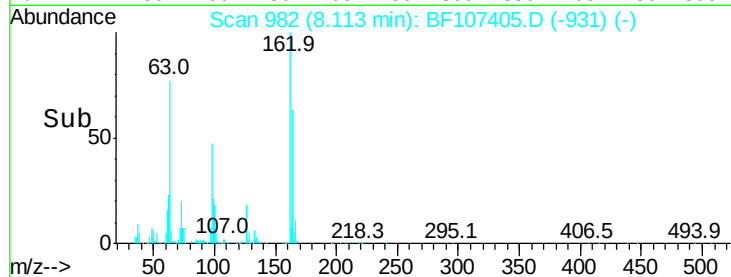
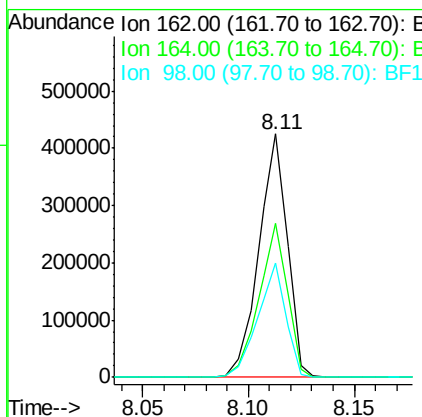
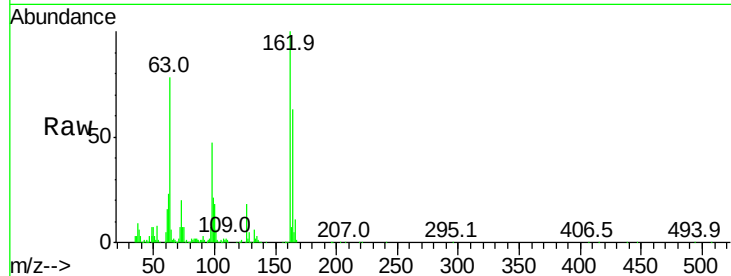
SSTDIC050

Tot Ion:	162	Resp:	398190
Ion Ratio	Lower	Upper	
162	100		
164	63.2	42.7	82.7
98	47.0	18.1	58.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 58.161 ng

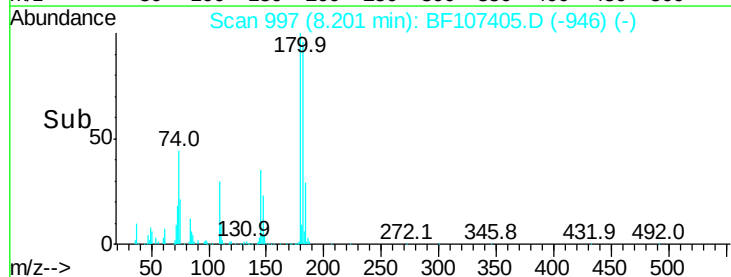
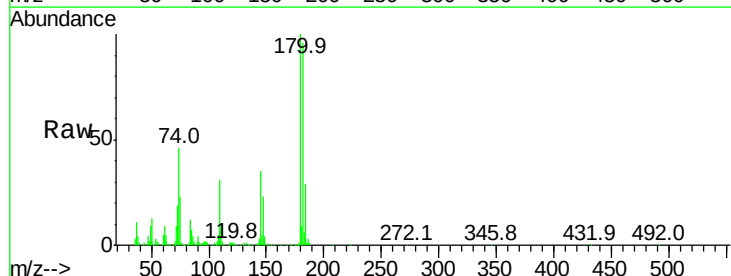
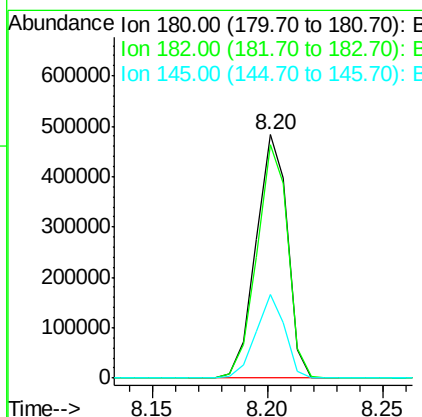
RT: 8.20 min Scan# 997

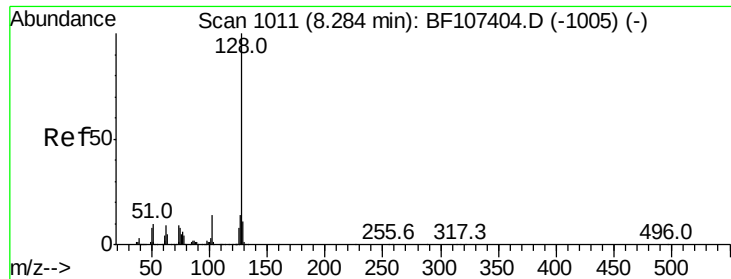
Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:	180	Resp:	457025
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.8	115.2
145	34.6	26.5	39.7





#31

Naphthalene

Concen: 49.259 ng

RT: 8.29 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:128 Resp: 1170557

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

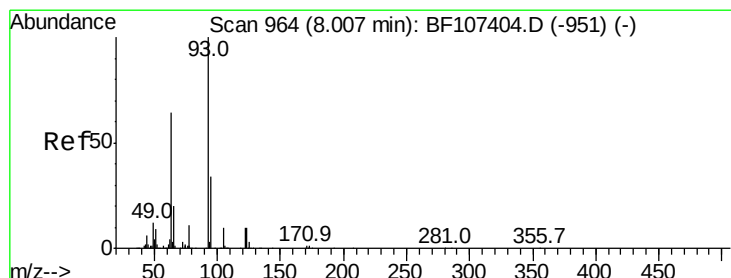
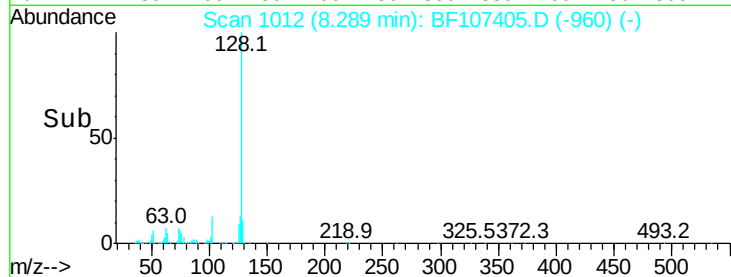
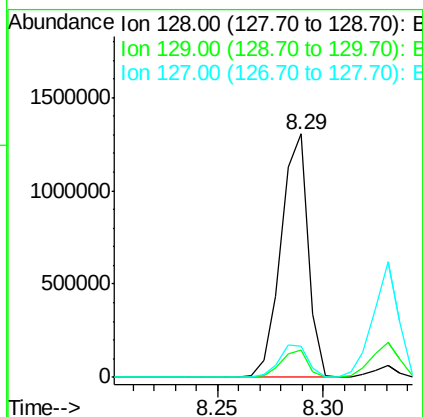
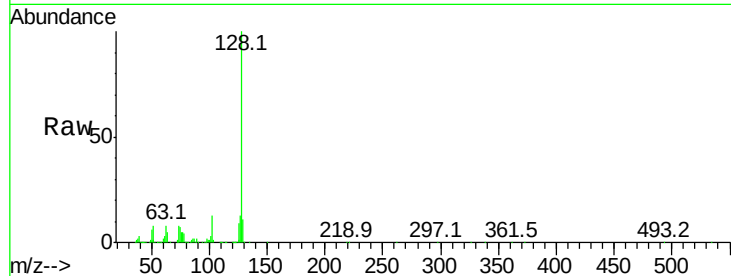
127 12.7 10.9 16.3

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#32

Benzoic acid

Concen: 56.312 ng

RT: 8.02 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

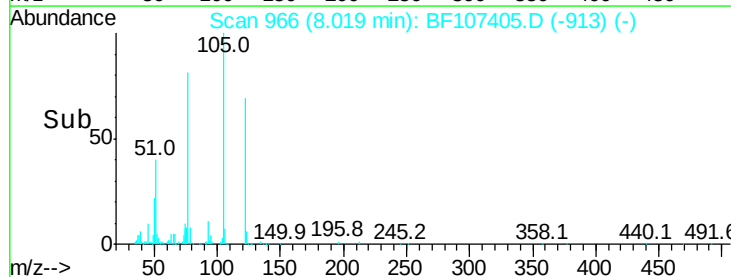
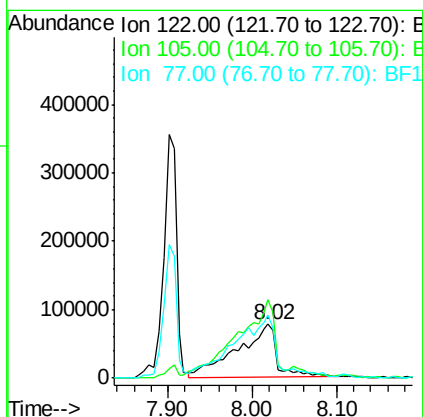
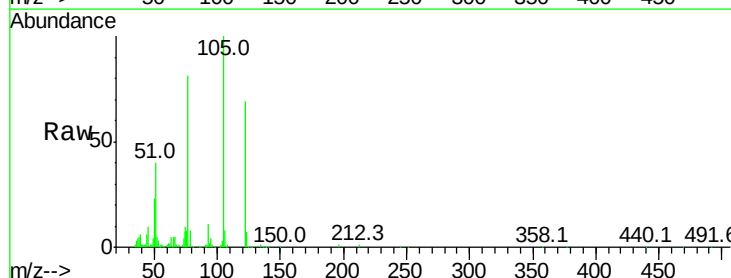
Tgt Ion:122 Resp: 258034

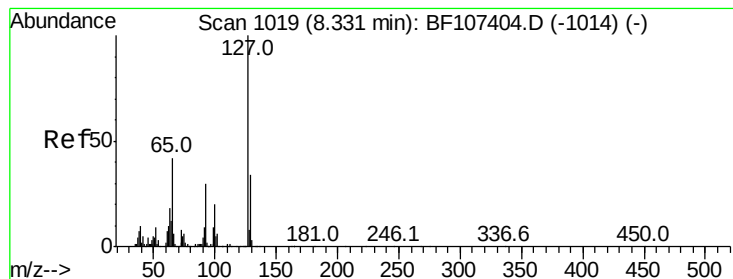
Ion Ratio Lower Upper

122 100

105 145.2 101.1 141.1#

77 117.6 70.7 110.7#





#33

4-Chloroaniline

Concen: 51.940 ng

RT: 8.33 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

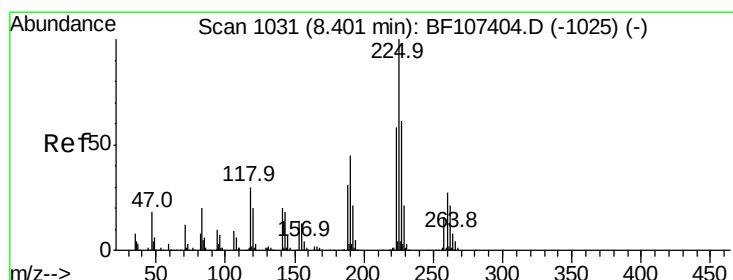
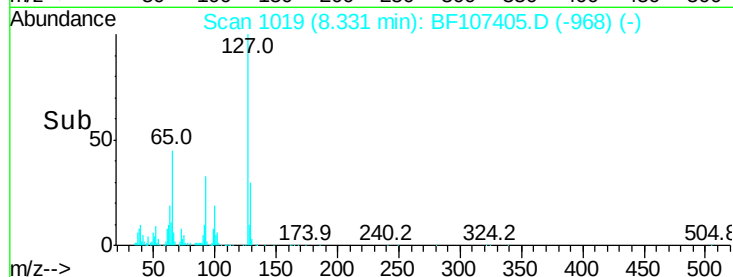
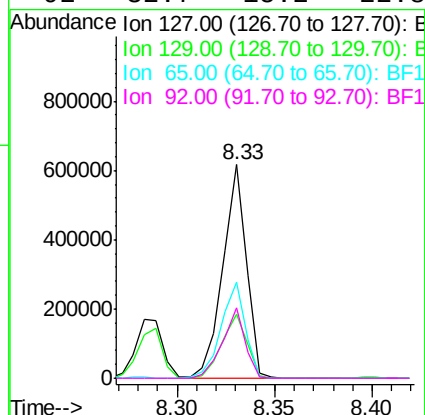
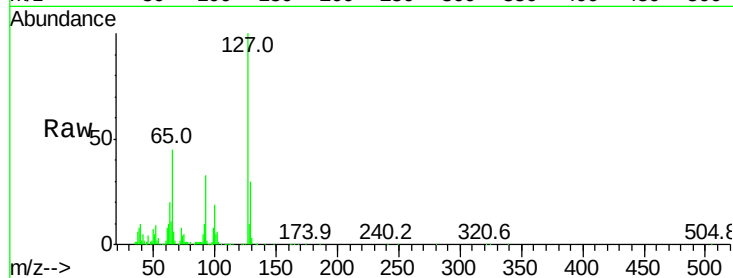
ClientSampleId :

SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		517893		
129	30.3	25.9	38.9		
65	44.7	25.0	37.4		
92	32.7	15.2	22.8		

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 59.581 ng

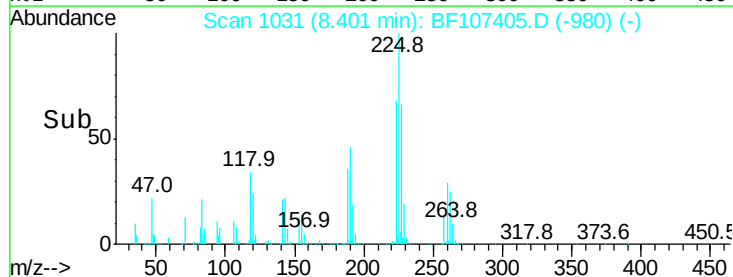
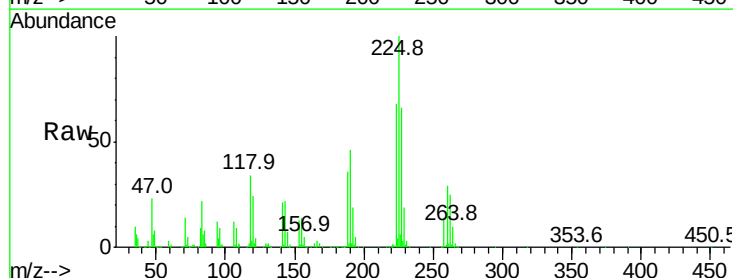
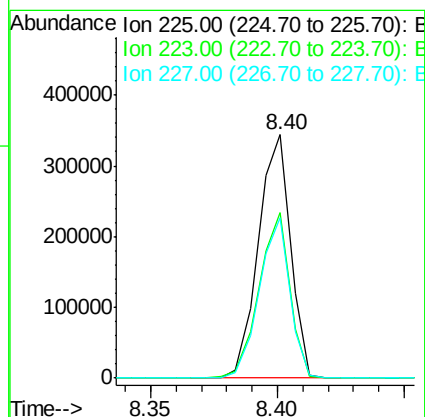
RT: 8.40 min Scan# 1031

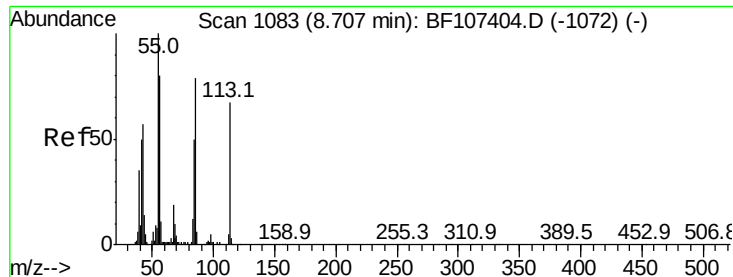
Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		305067		
223	68.1	50.6	76.0		
227	65.9	51.9	77.9		





#35

Caprolactam

Concen: 56.532 ng

RT: 8.71 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

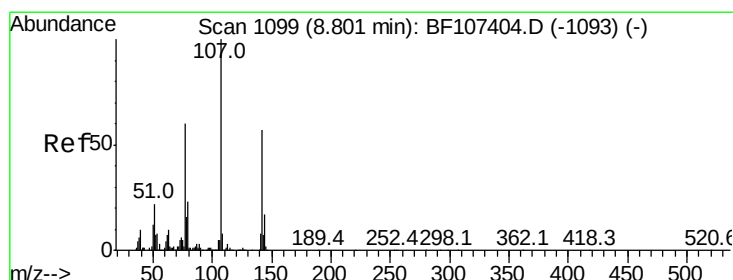
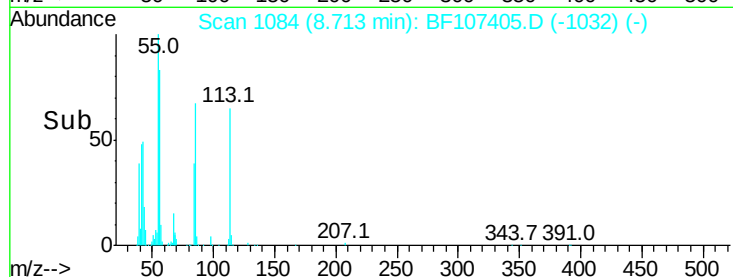
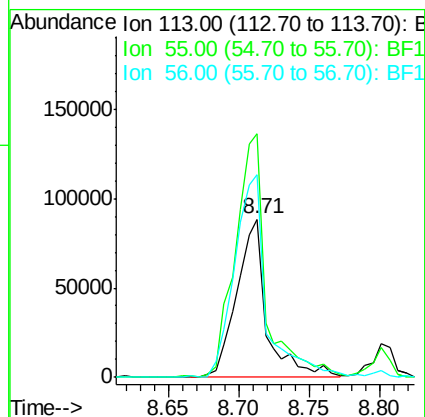
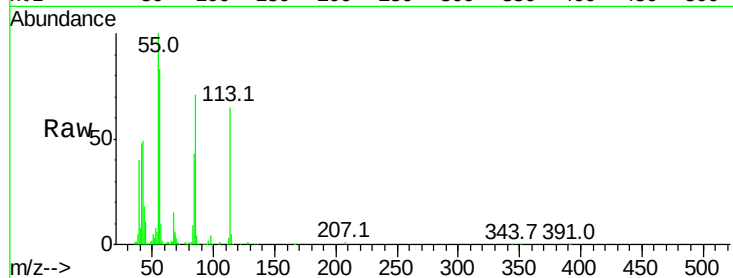
SSTDIC050

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.6	163.3	203.3#
56	128.1	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 69.438 ng

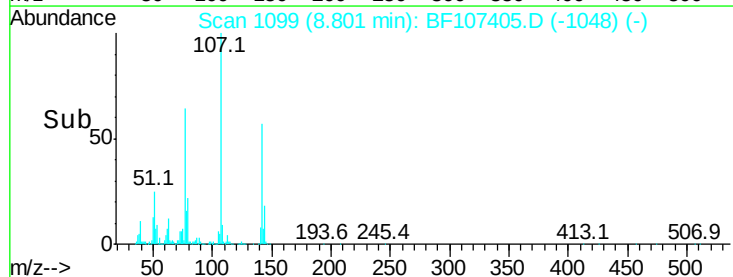
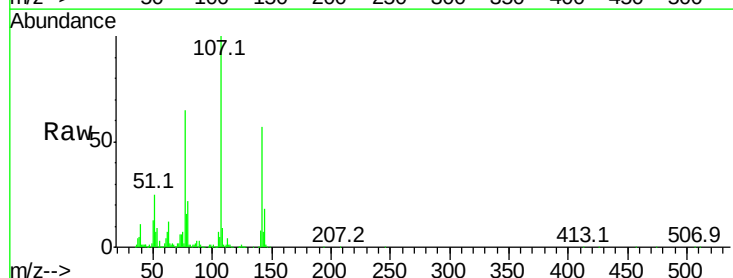
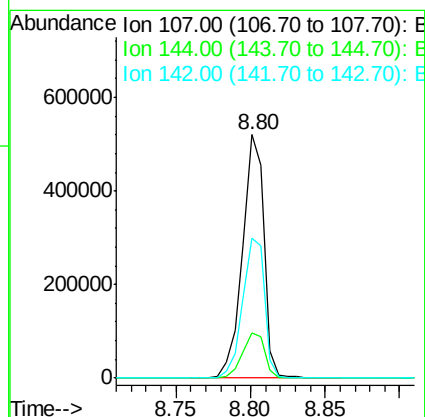
RT: 8.80 min Scan# 1099

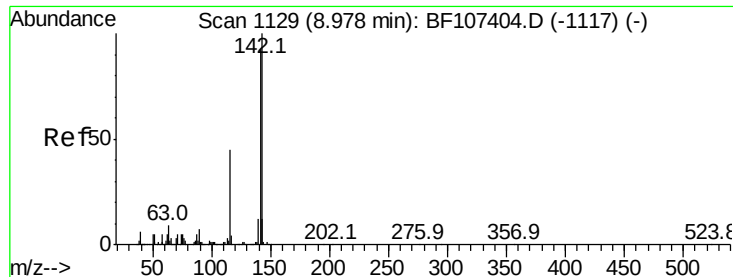
Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	18.4	20.5	30.7#
142	57.3	62.0	93.0#





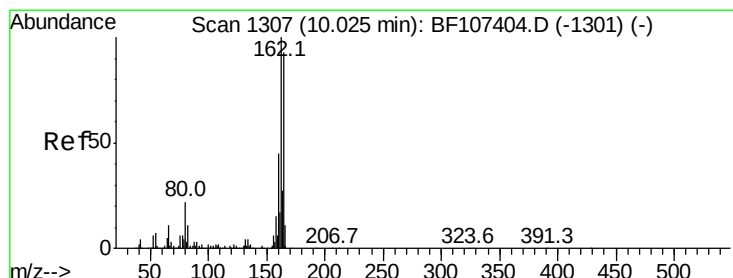
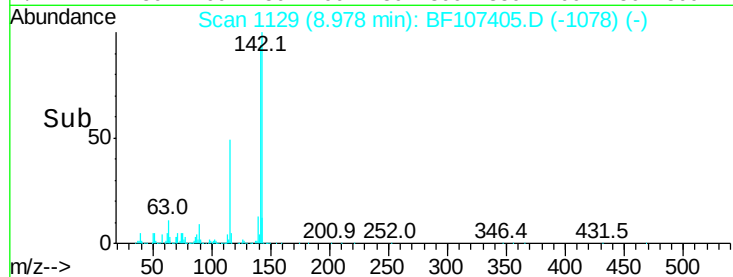
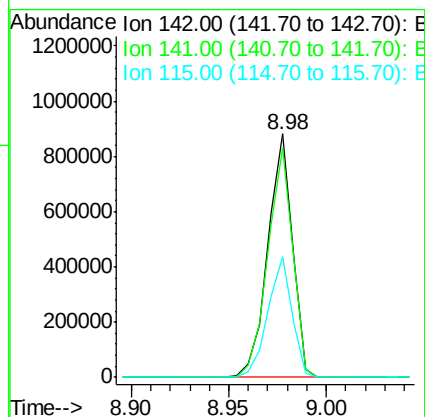
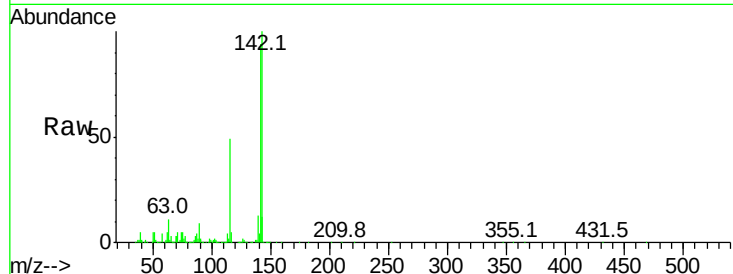
#37
2-Methylnaphthalene
Concen: 48.570 ng
RT: 8.98 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
142	100	765033		
141	94.2	70.8	106.2	
115	49.4	26.1	39.1#	

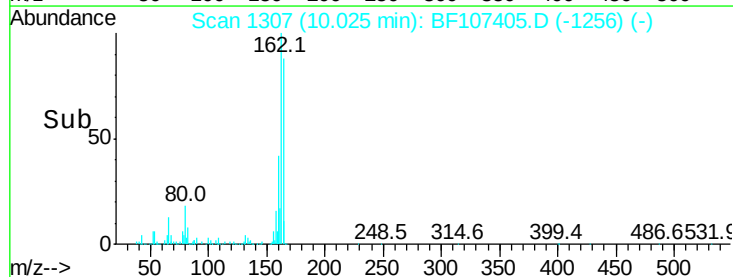
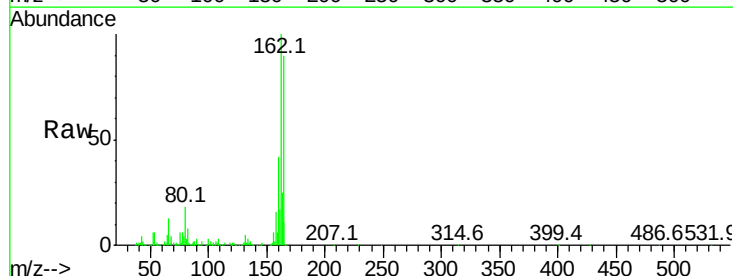
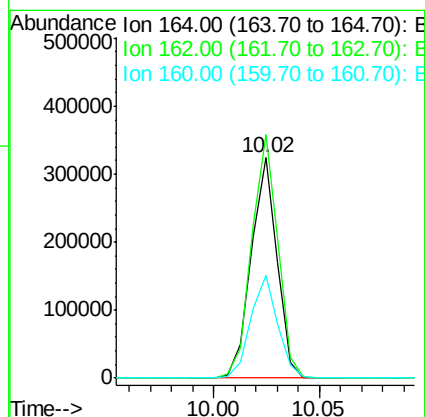
Manual Integrations
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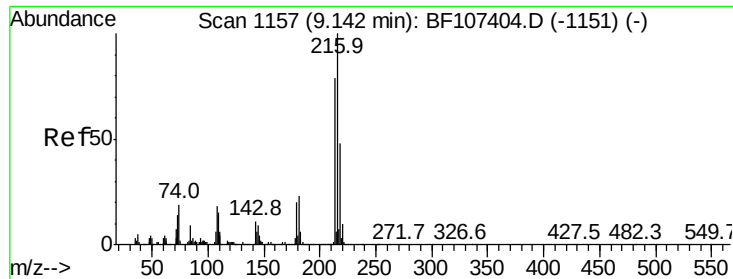
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	275278		
162	110.6	86.1	129.1	
160	46.6	38.3	57.5	





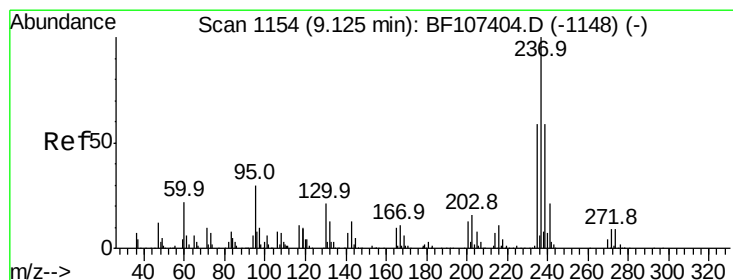
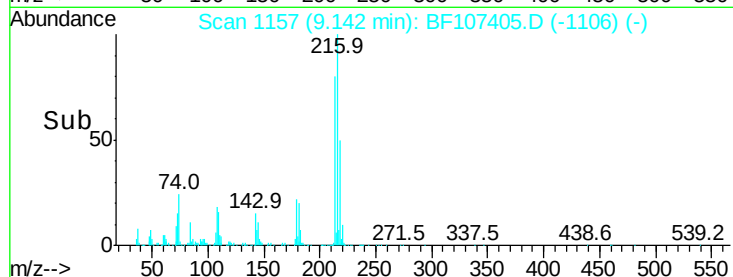
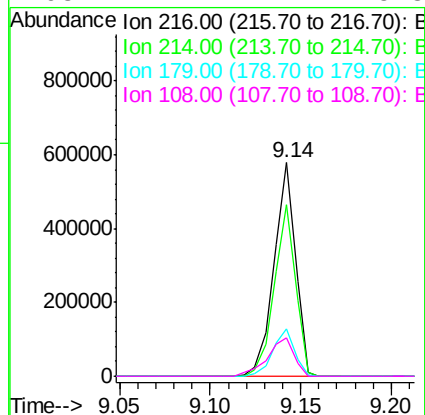
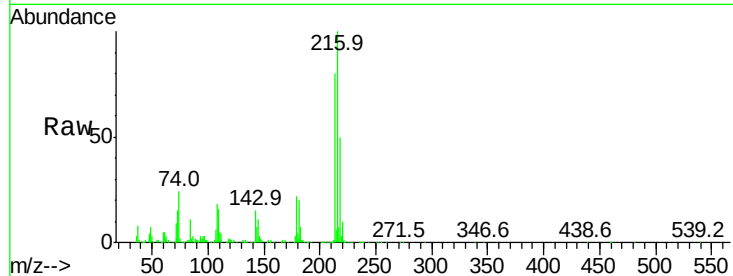
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.478 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
216	100	477222		
214	79.4	63.0	94.4	
179	22.3	18.1	27.1	
108	22.4	17.2	25.8	

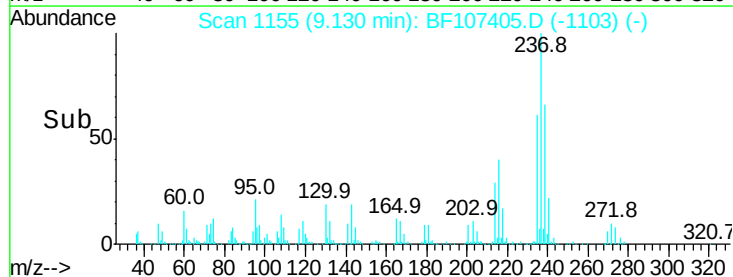
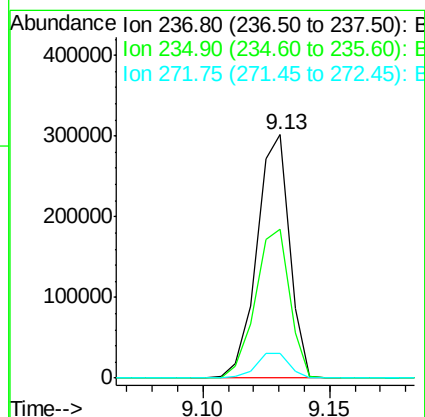
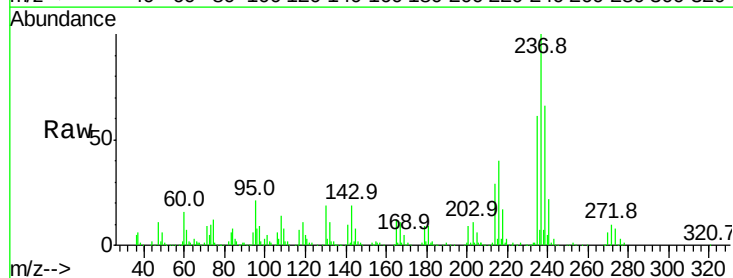
Manual Integrations
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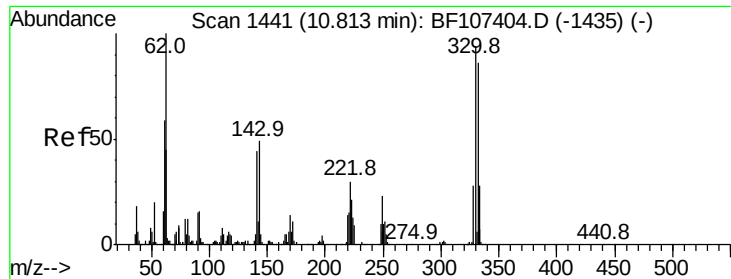
Sohil
 7/17/2018 4:52:48 PM



#40
 Hexachlorocyclopentadiene
 Concen: 57.245 ng
 RT: 9.13 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	273039		
235	61.4	44.8	84.8	
272	10.4	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 69.773 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

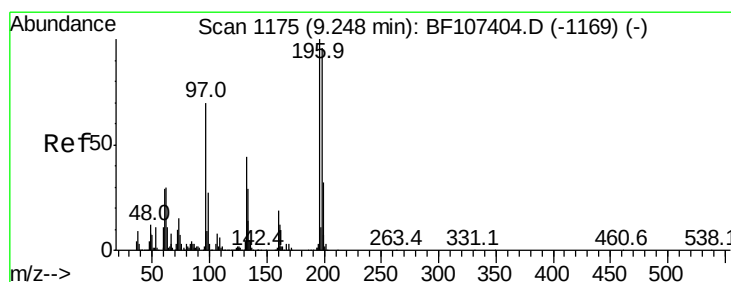
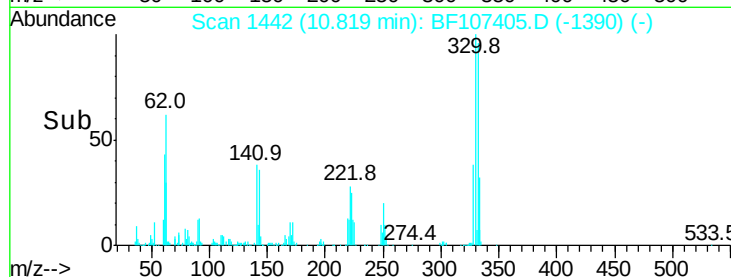
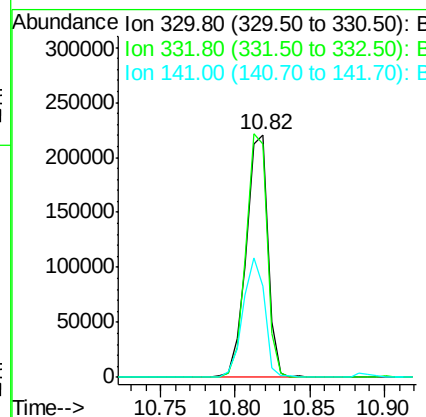
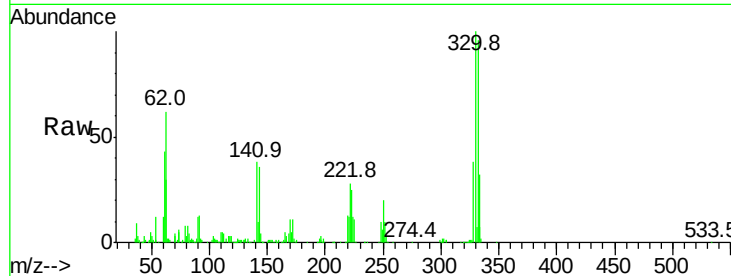
SSTDIC050

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	49.5	29.9	44.9#

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 51.824 ng

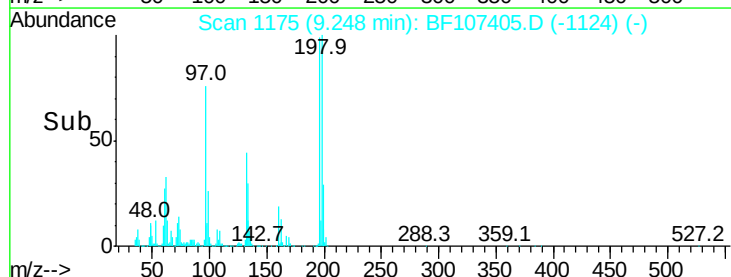
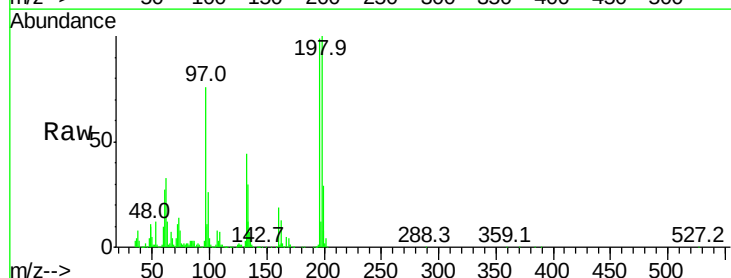
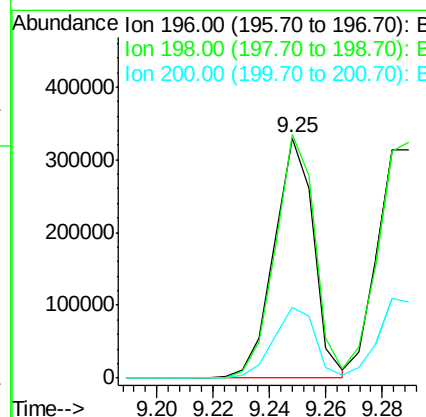
RT: 9.25 min Scan# 1175

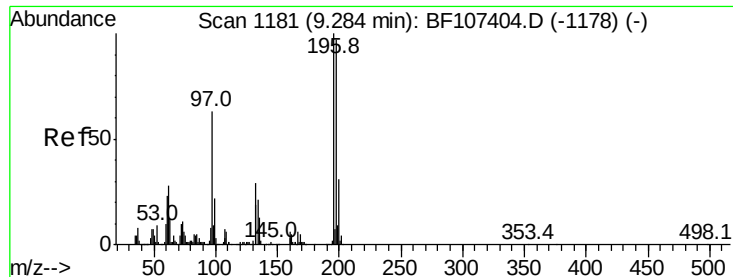
Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	75.7	113.5
200	29.7	24.5	36.7





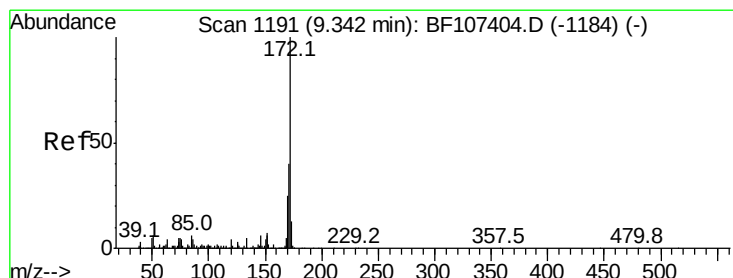
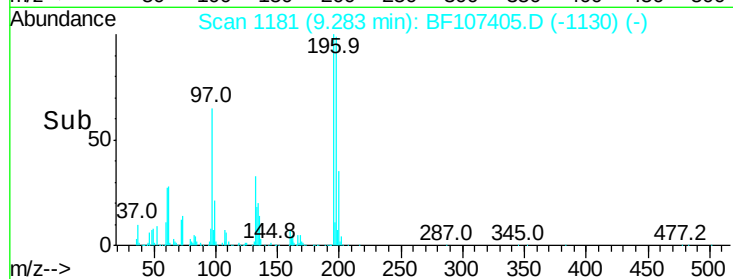
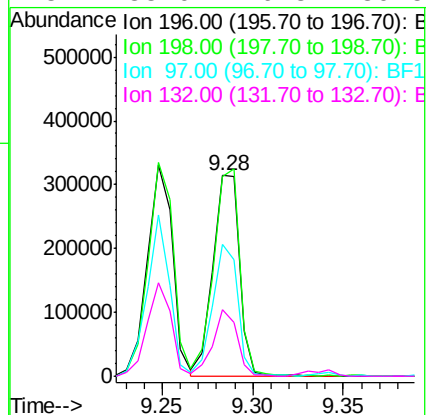
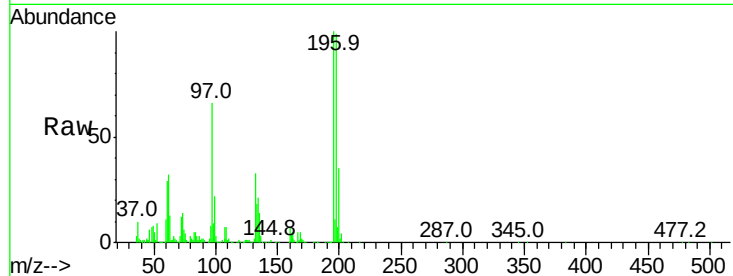
#43
2,4,5-Trichlorophenol
Concen: 49.917 ng
RT: 9.28 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.4	74.6	112.0	
97	65.9	42.9	64.3	
132	33.0	26.3	39.5	

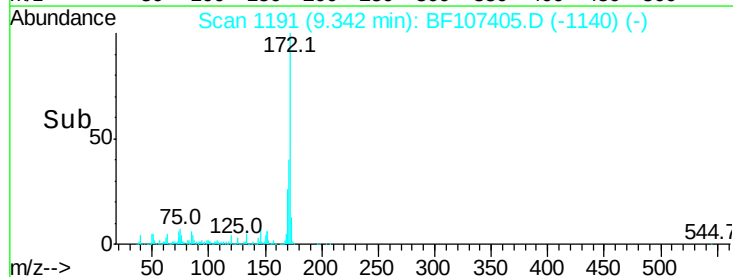
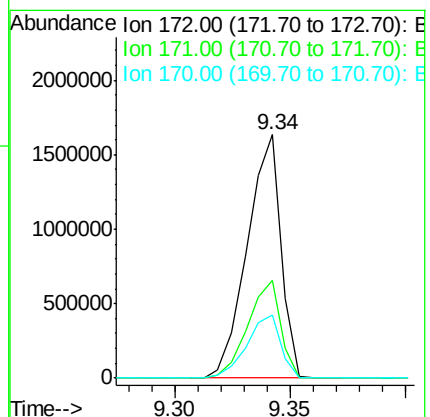
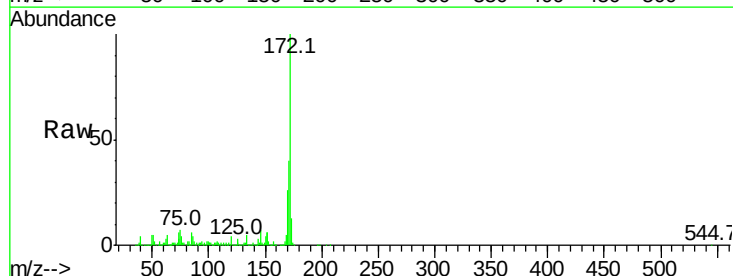
Manual Integrations
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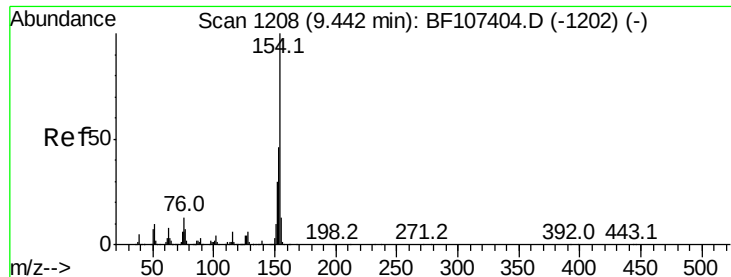
Sohil
7/17/2018 4:52:48 PM



#44
2-Fluorobiphenyl
Concen: 92.343 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	40.1	29.7	44.5	
170	25.8	19.6	29.4	





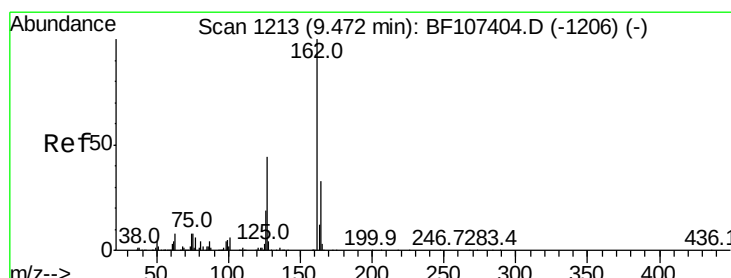
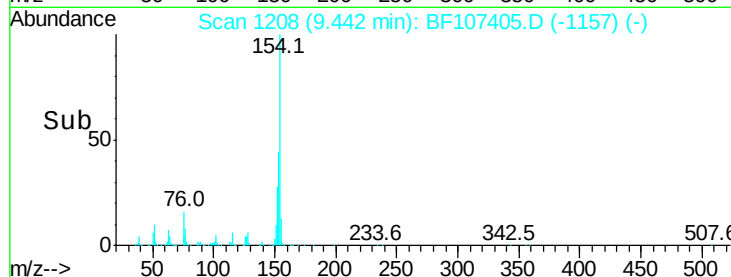
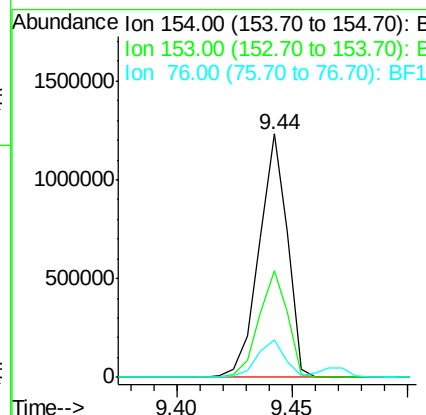
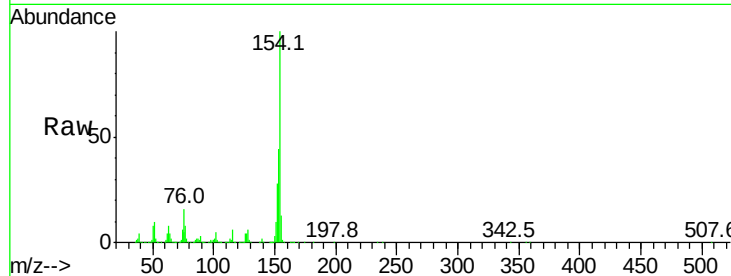
#45
 1,1'-Biphenyl
 Concen: 47.995 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.8	21.3	61.3
76	15.6	0.0	34.0

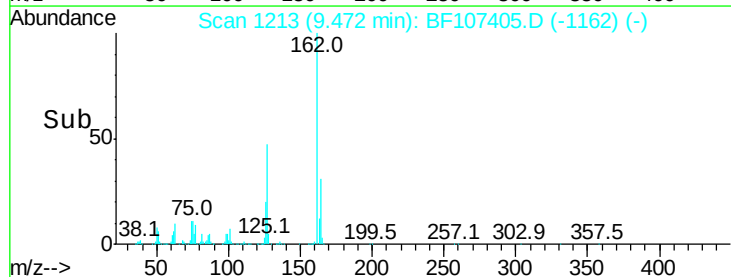
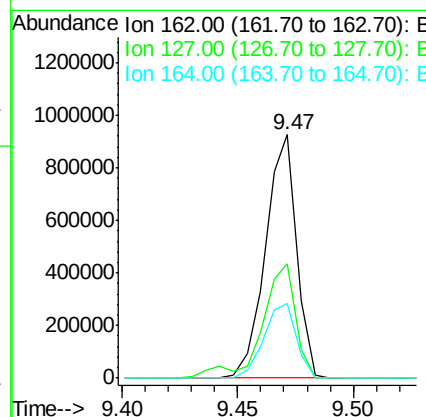
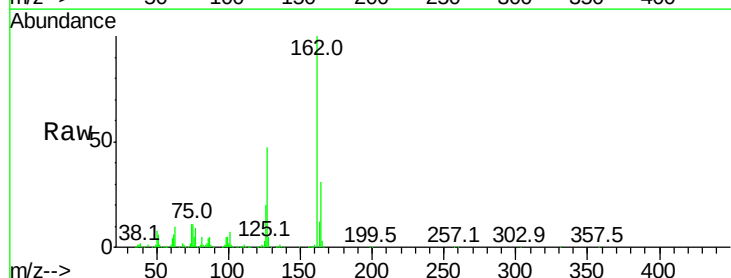
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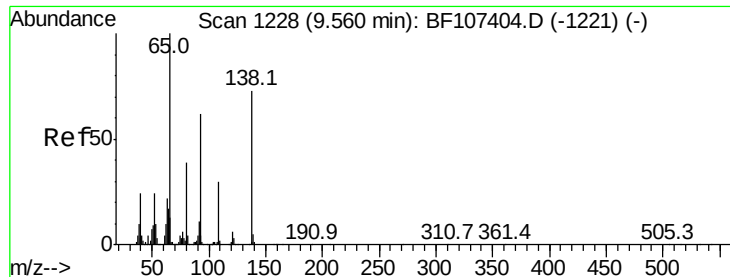
Sohil
 7/17/2018 4:52:48 PM



#46
 2-Chloronaphthalene
 Concen: 50.211 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.9	33.9	50.9
164	30.7	26.5	39.7





#47

2-Nitroaniline

Concen: 53.272 ng

RT: 9.56 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

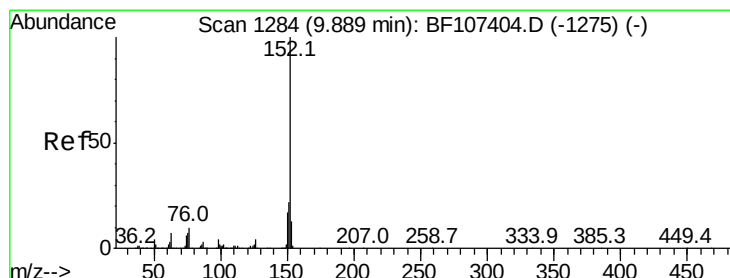
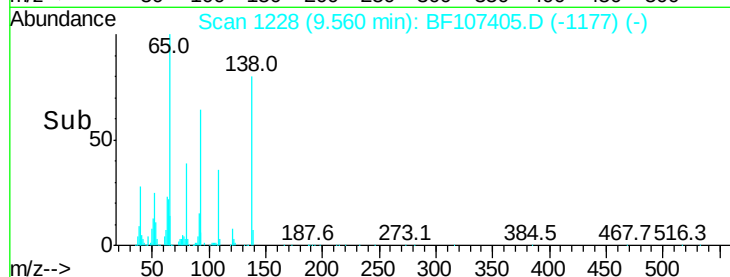
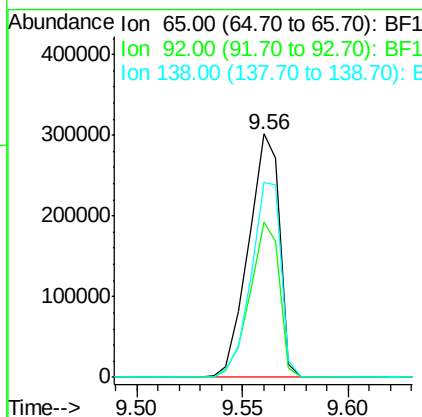
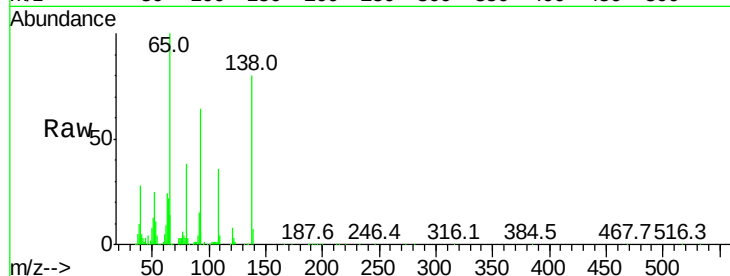
SSTDICC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.6	55.8	83.6
138	80.3	91.2	136.8#

Manual Integrations
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#48

Acenaphthylene

Concen: 43.880 ng

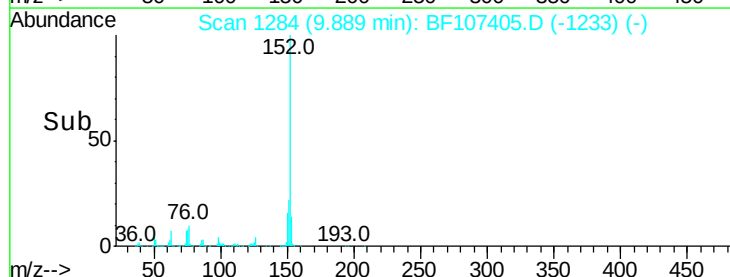
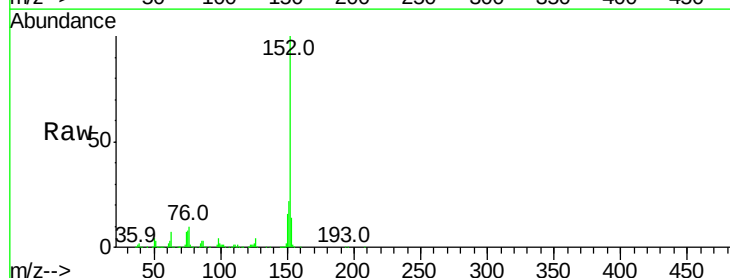
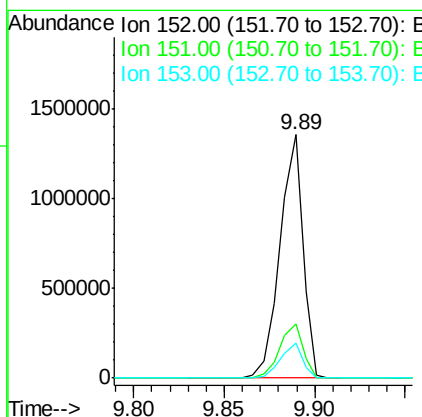
RT: 9.89 min Scan# 1284

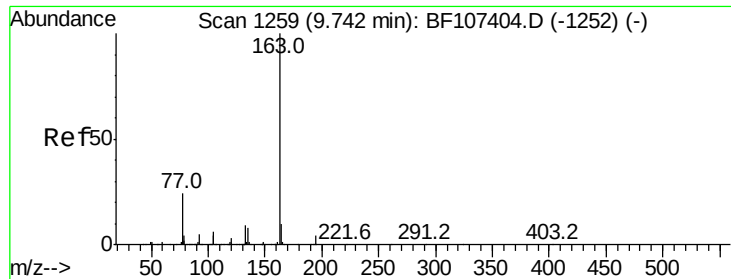
Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.3	24.5
153	14.1	10.7	16.1





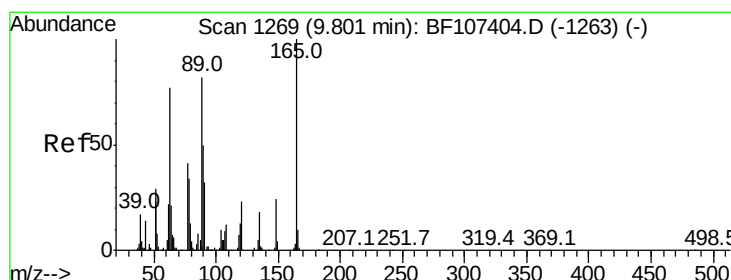
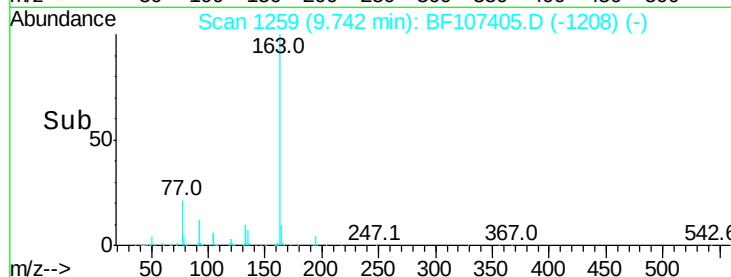
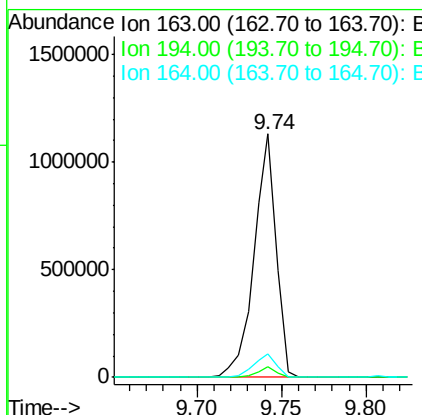
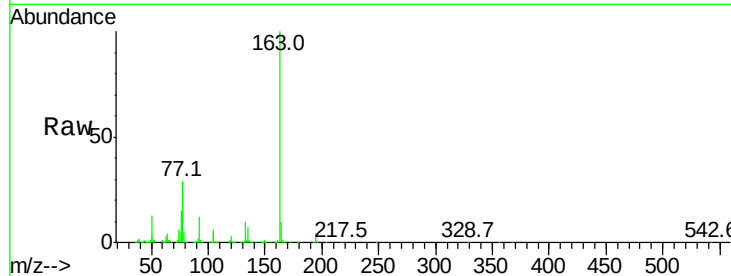
#49
Dimethylphthalate
Concen: 50.086 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	9.8	8.2	12.2

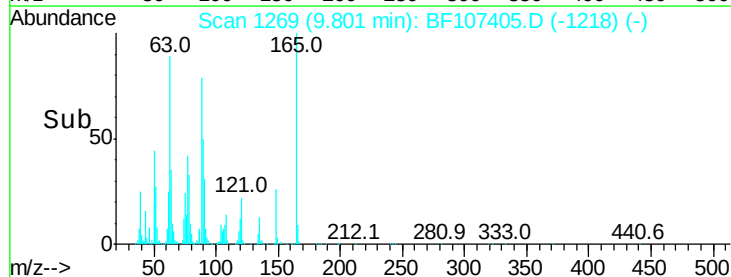
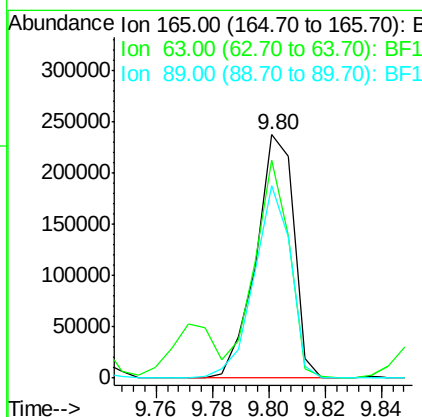
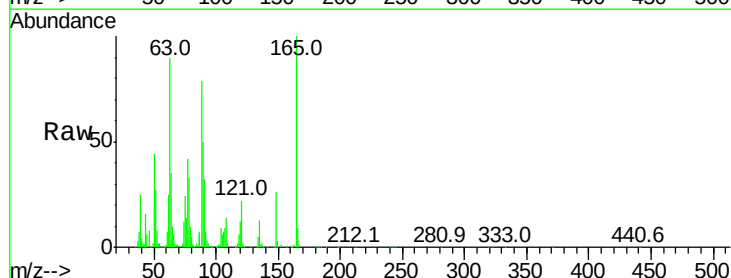
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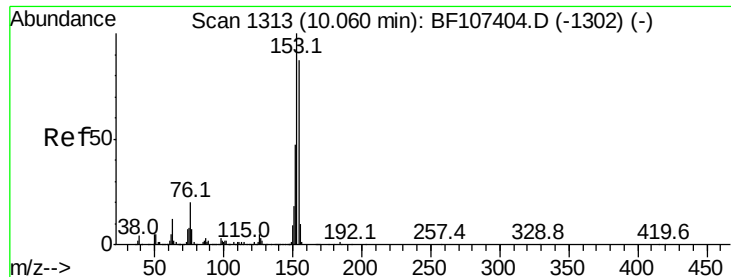
Sohil
7/17/2018 4:52:48 PM



#50
2,6-Dinitrotoluene
Concen: 50.576 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	89.7	44.7	67.1#
89	79.3	44.0	66.0#





#51

Acenaphthene

Concen: 46.903 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

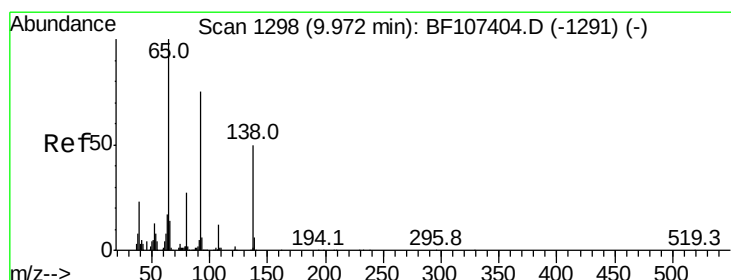
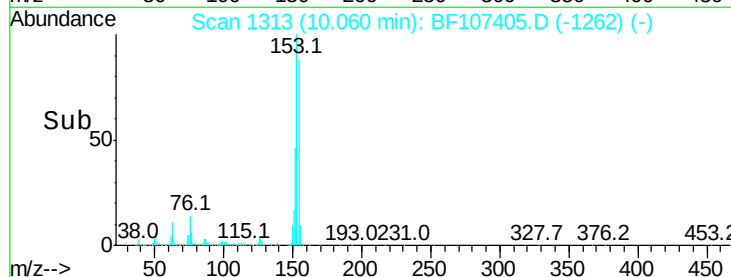
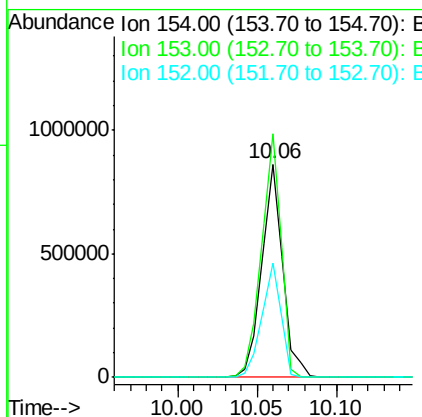
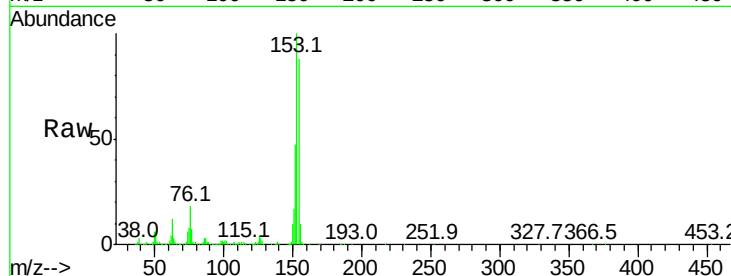
ClientSampled :

SSTDIC050

Tot Ion:	154	Resp:	805237
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	53.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 45.117 ng

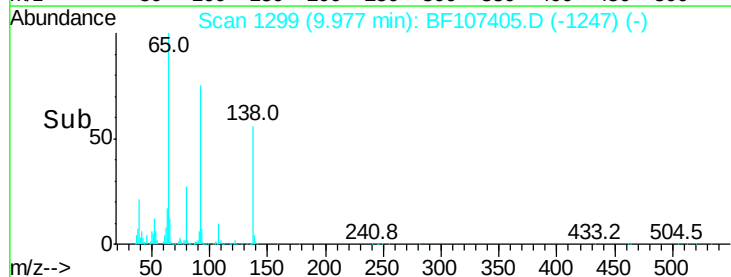
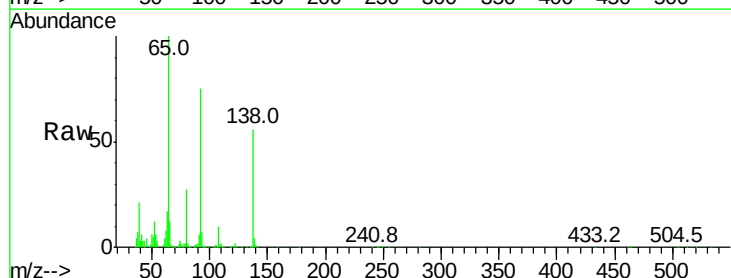
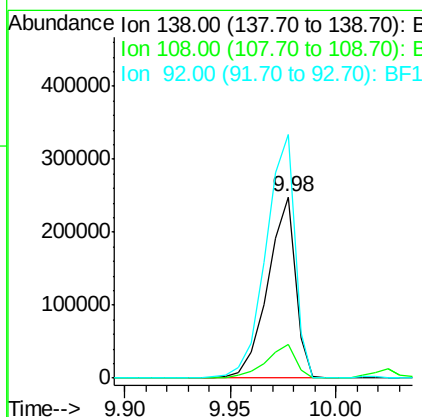
RT: 9.98 min Scan# 1299

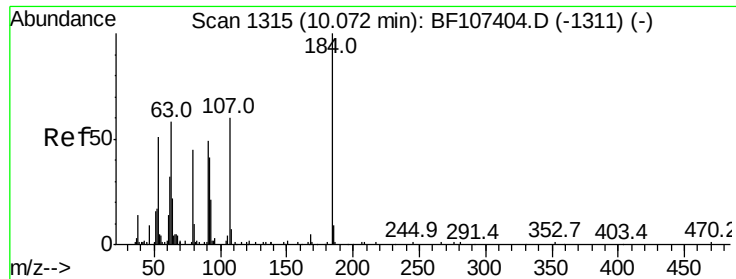
Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:	138	Resp:	226977
Ion Ratio	Lower	Upper	
138	100		
108	18.5	9.4	14.0#
92	134.2	89.4	134.2#





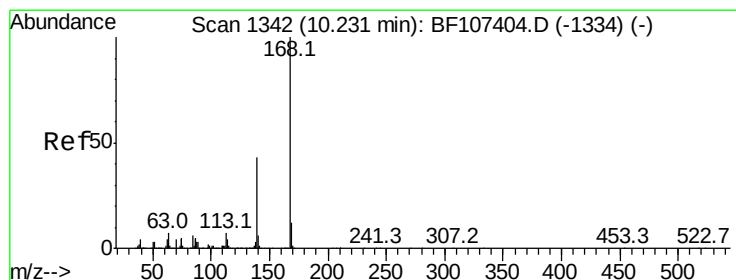
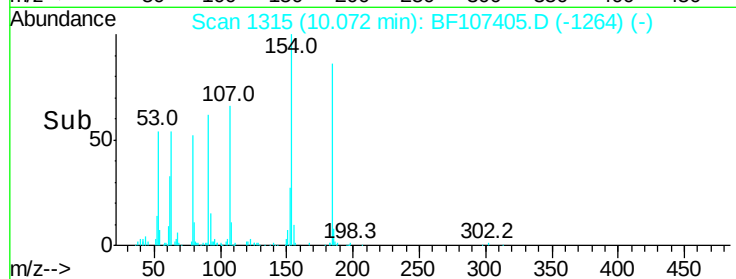
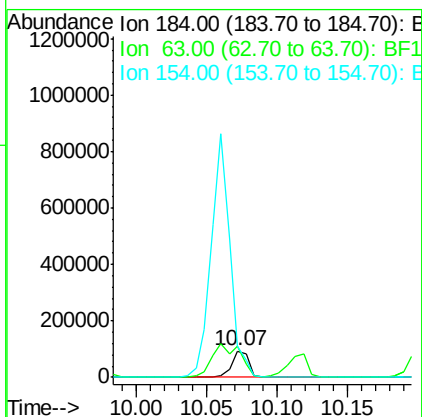
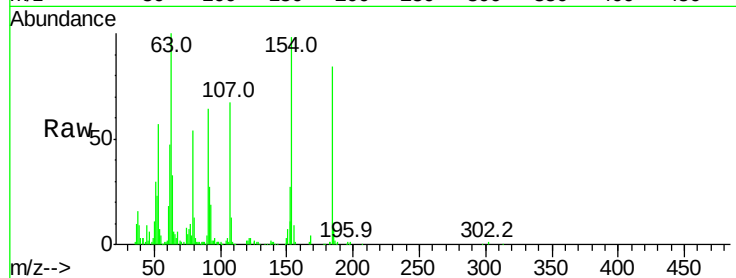
#53
2,4-Dinitrophenol
Concen: 40.114 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
184	100		
63	119.7	54.2	81.2#
154	117.6	184.0	276.0#

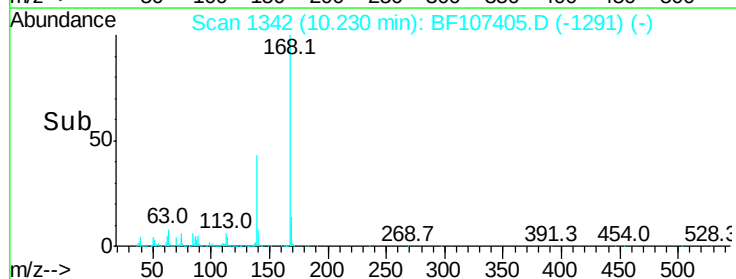
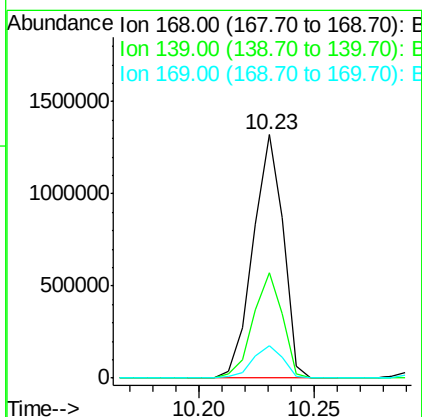
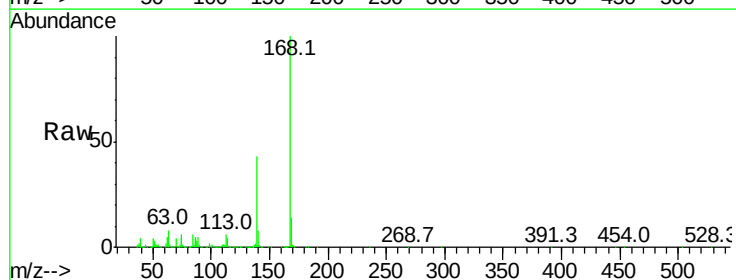
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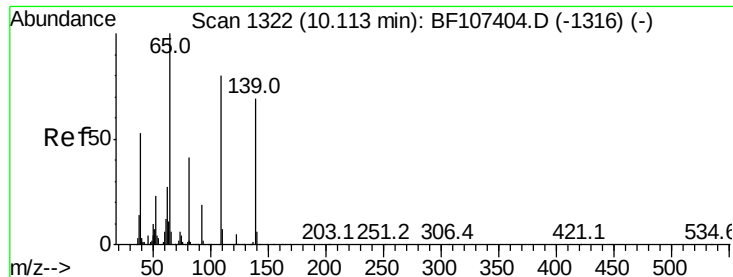
Sohil
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#54
Dibenzofuran
Concen: 51.213 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.1	30.1	45.1
169	13.5	10.9	16.3





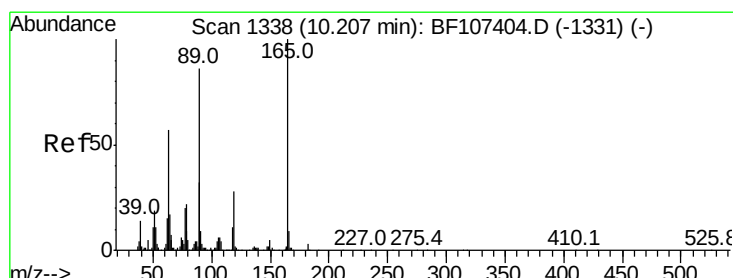
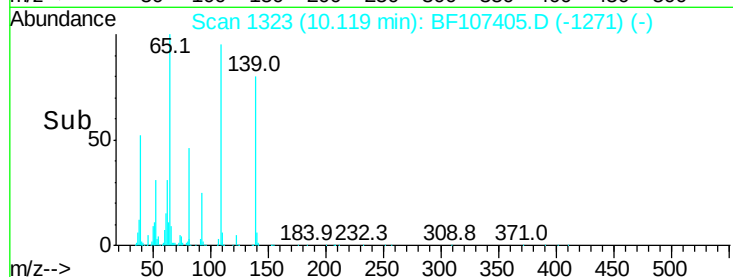
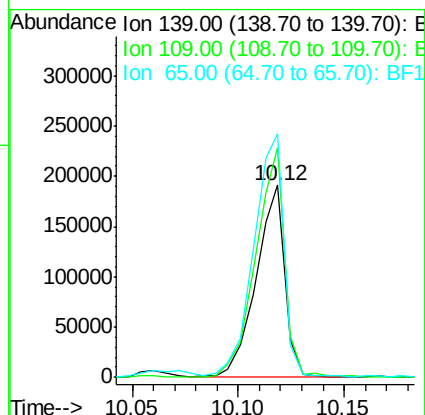
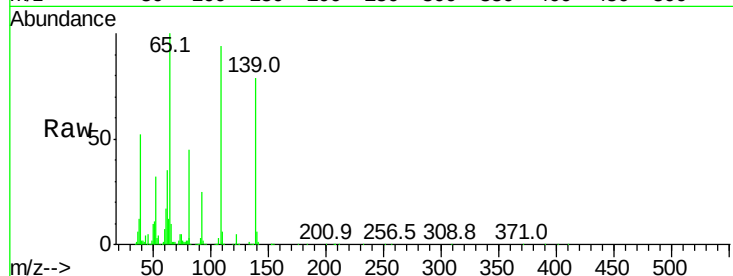
#55
4-Nitrophenol
Concen: 51.711 ng
RT: 10.12 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	119.4	48.4	88.4#	
65	126.8	72.6	112.6#	

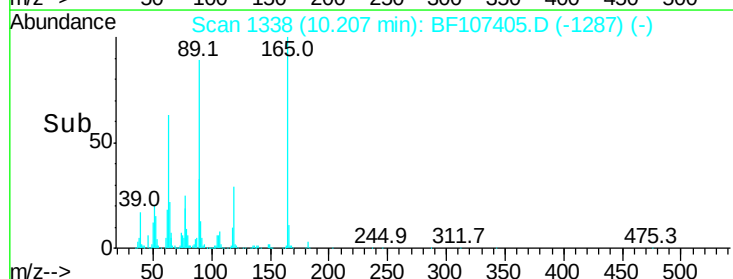
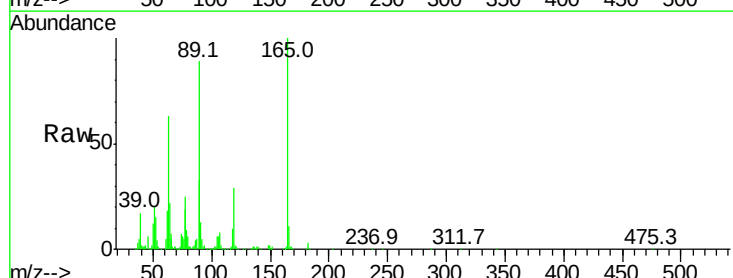
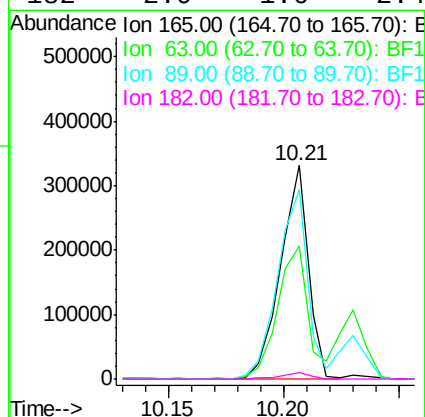
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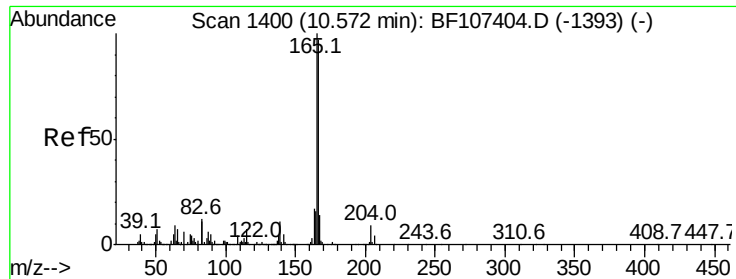
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#56
2,4-Dinitrotoluene
Concen: 48.321 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.5	36.4	54.6#	
89	88.8	57.8	86.6#	
182	2.9	1.6	2.4#	





#57

Fluorene

Concen: 43.079 ng

RT: 10.58 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 803624

Ion Ratio Lower Upper

166 100

165 98.2 79.8 119.8

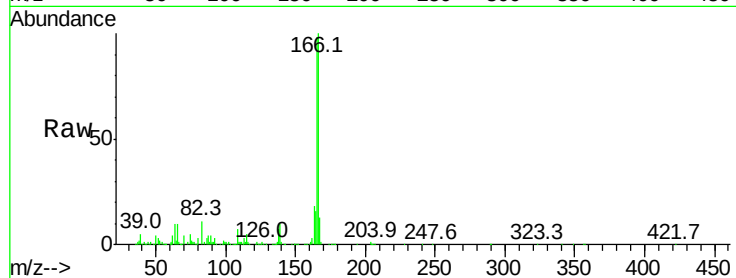
167 13.1 10.6 16.0

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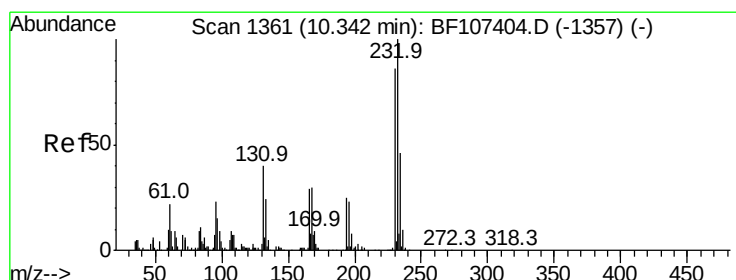
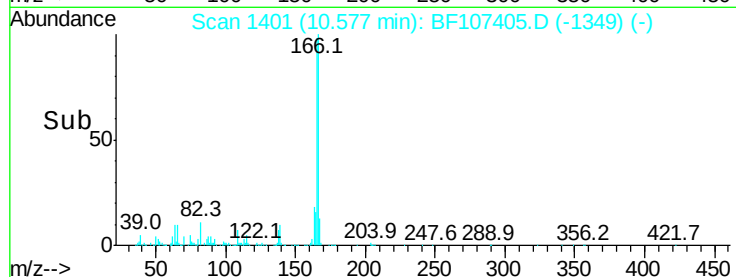
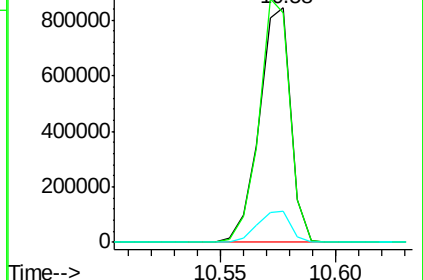
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.105 ng

RT: 10.34 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:232 Resp: 281665

Ion Ratio Lower Upper

232 100

131 43.9 43.8 65.8

130 0.6 2.1 3.1#

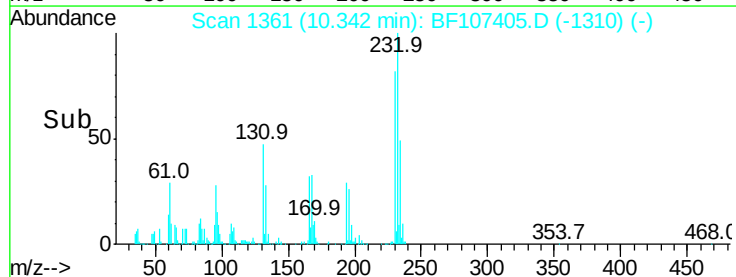
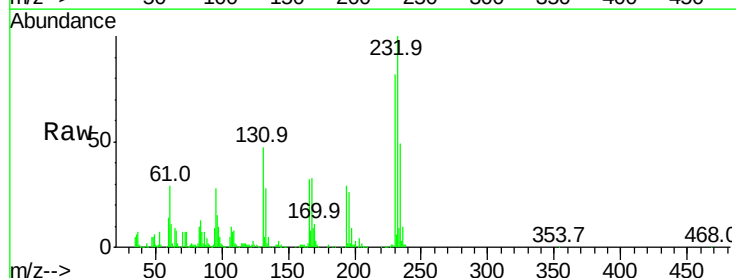
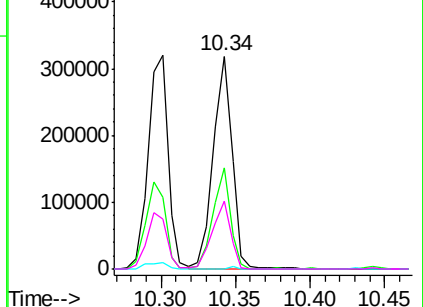
166 31.3 27.8 41.6

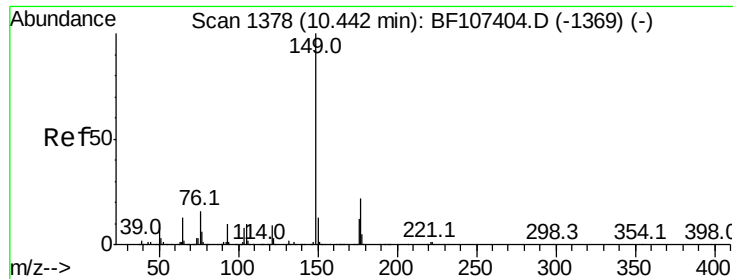
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 50.465 ng

RT: 10.44 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

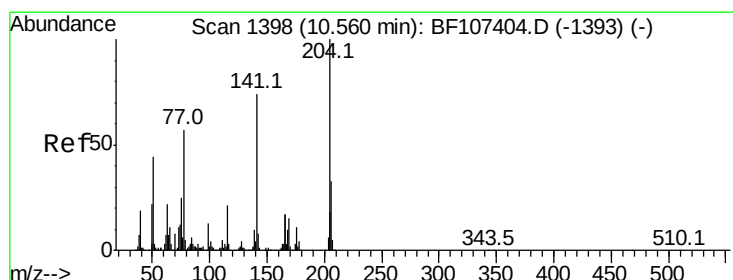
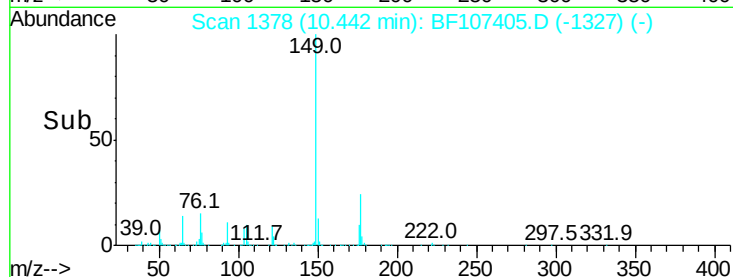
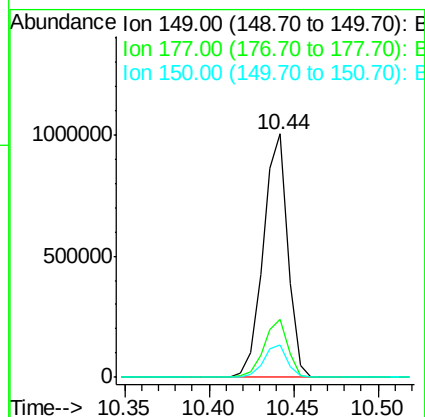
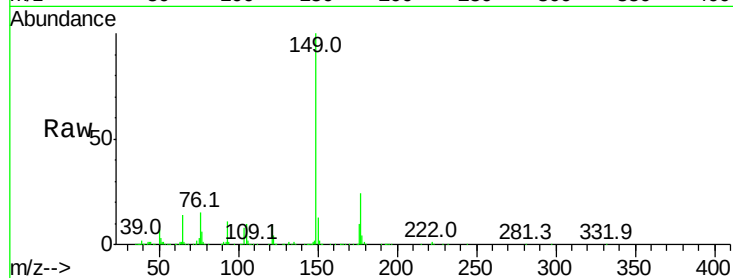
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	16.1	24.1
150	13.2	10.1	15.1

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#60

4-Chlorophenyl-phenylether

Concen: 50.335 ng

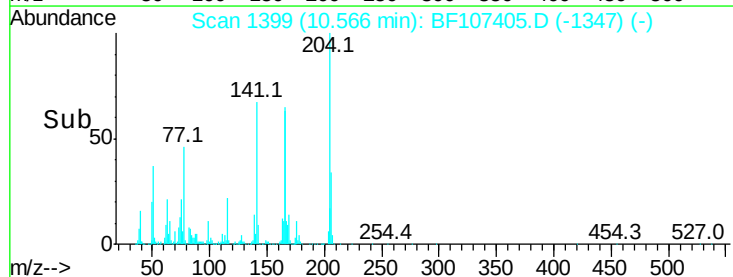
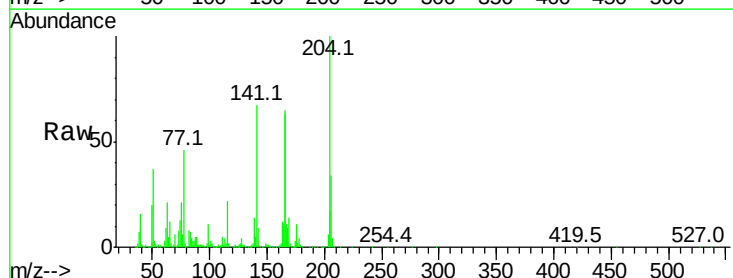
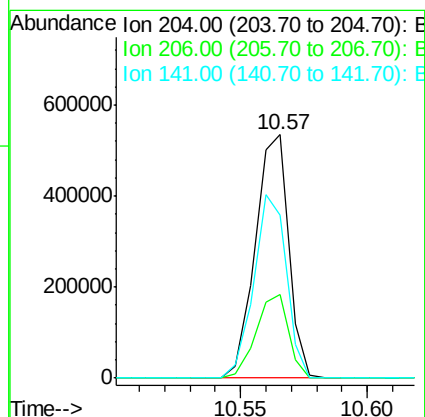
RT: 10.57 min Scan# 1399

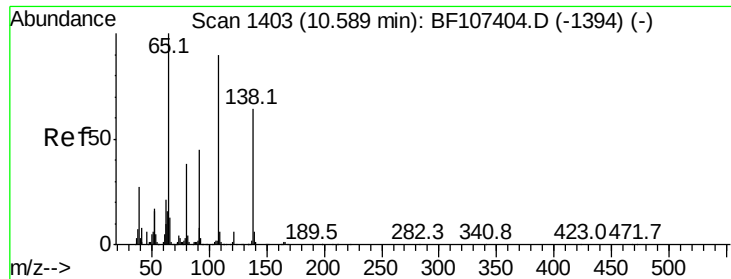
Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.5	39.7
141	67.1	54.6	81.8





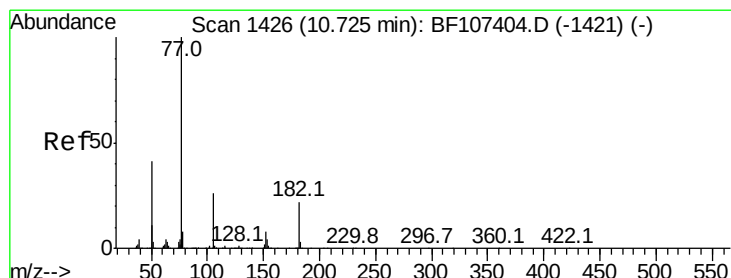
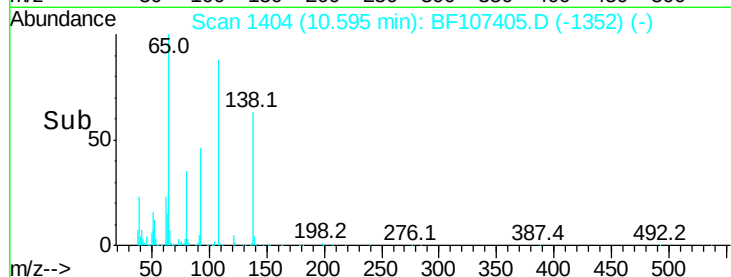
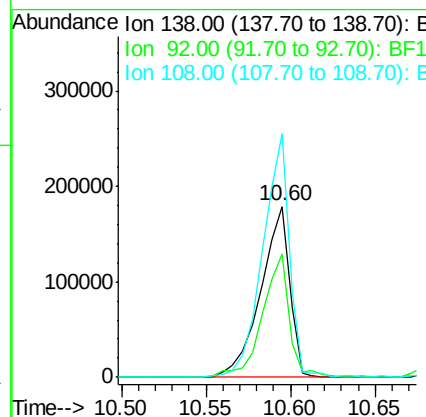
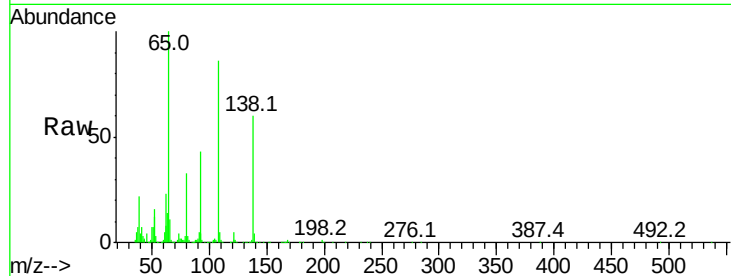
#61
4-Nitroaniline
Concen: 42.575 ng
RT: 10.60 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
138	100		
92	72.3	30.2	70.2#
108	142.3	52.5	92.5#

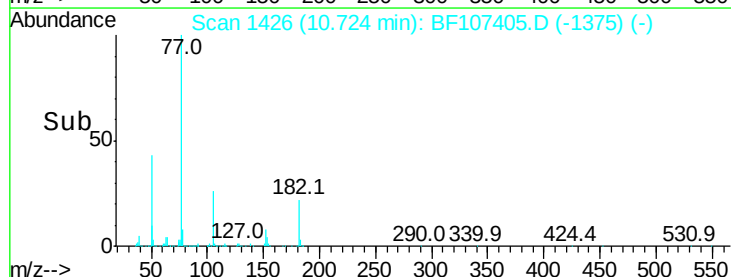
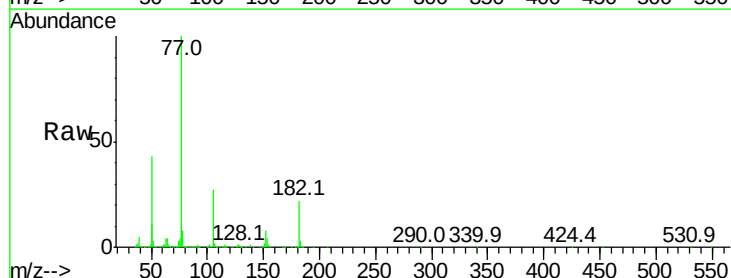
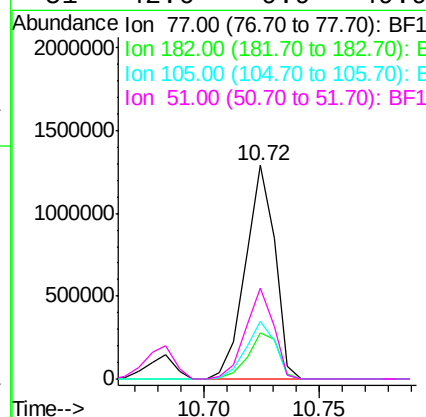
Manual Integrations
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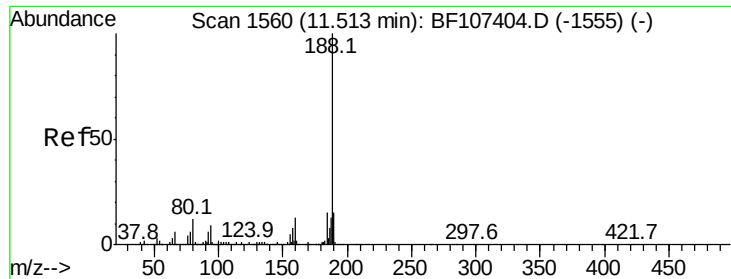
Sohil
7/17/2018 4:52:48 PM



#62
Azobenzene
Concen: 58.673 ng
RT: 10.72 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.8	1.7	41.7
105	27.0	3.0	43.0
51	42.6	9.9	49.9





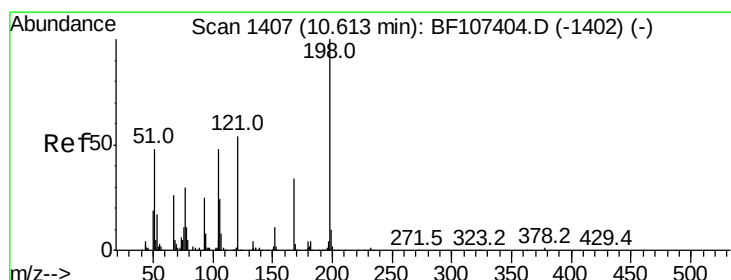
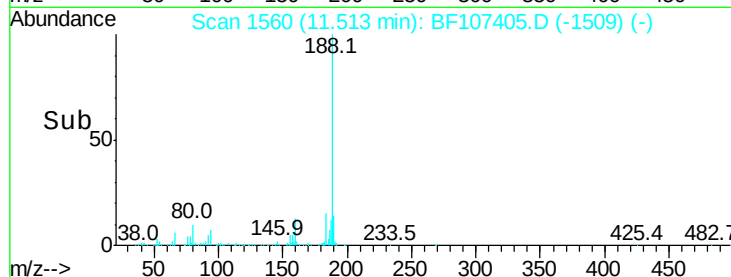
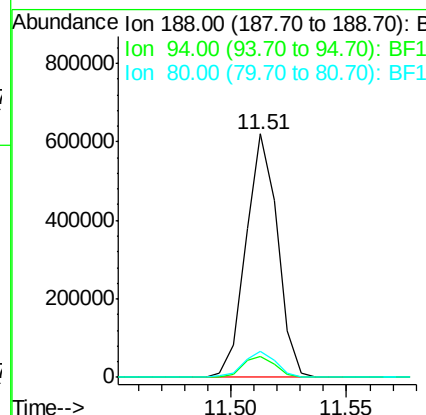
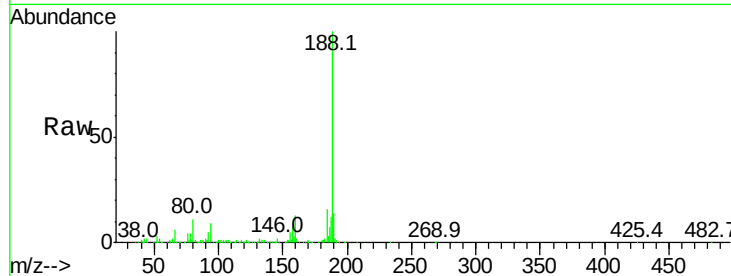
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.5	12.7
80	10.6	9.2	13.8

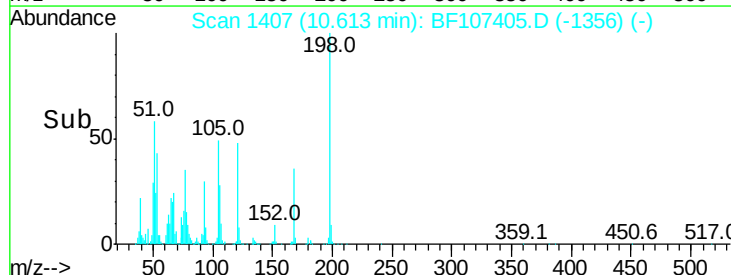
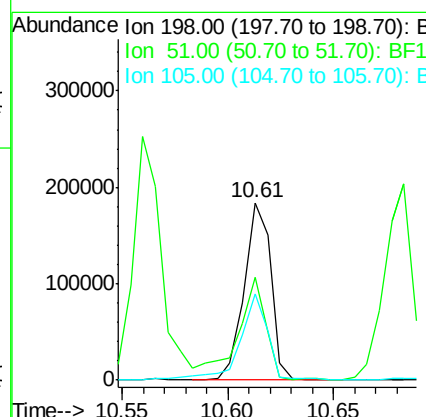
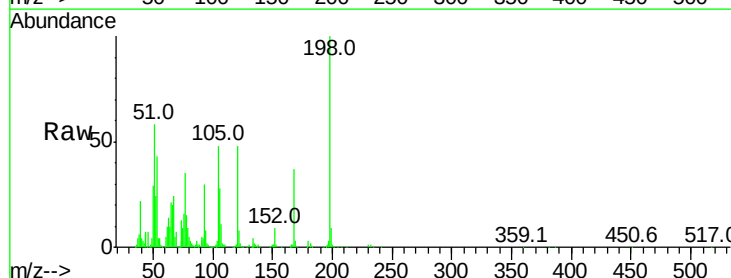
Manual Integrations
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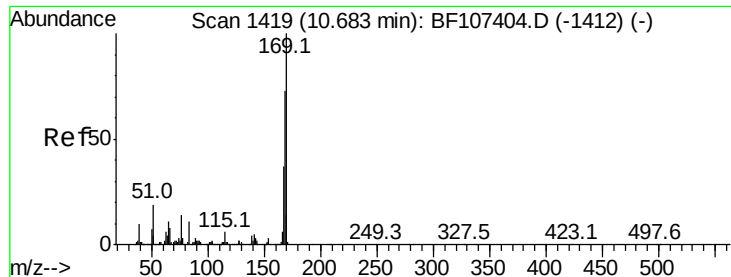
Sohil
7/17/2018 4:52:48 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 44.095 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	57.9	37.7	77.7
105	48.3	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 42.245 ng

RT: 10.68 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

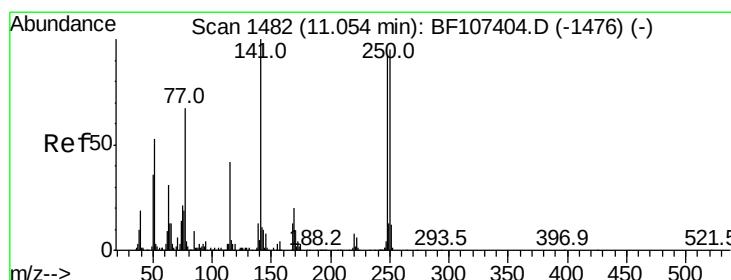
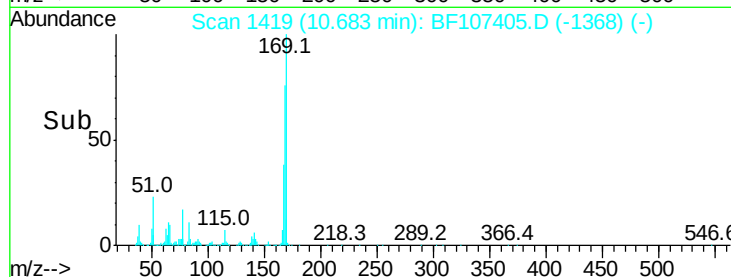
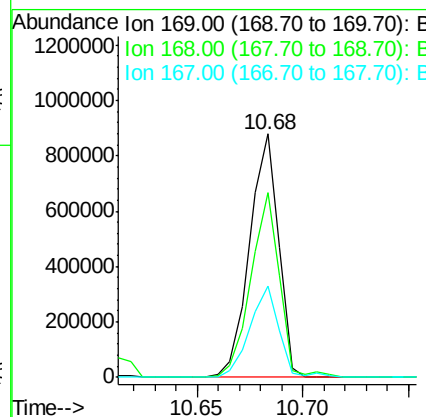
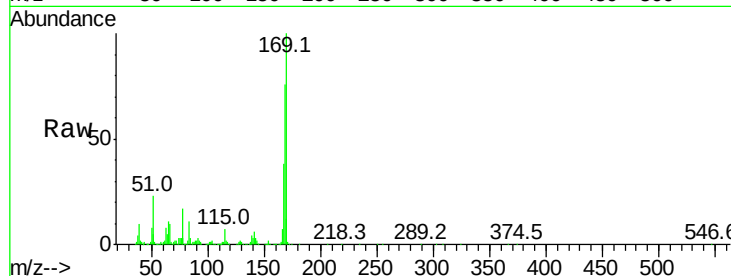
ClientSampleId :

SSTDICC050

Tot Ion:	169	Resp:	839526
Ion Ratio	Lower	Upper	
169	100		
168	76.0	54.4	81.6
167	37.7	29.8	44.6

Manual Integrations
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7/17/2018 4:52:48 PM



#66

4-Bromophenyl-phenylether

Concen: 42.620 ng

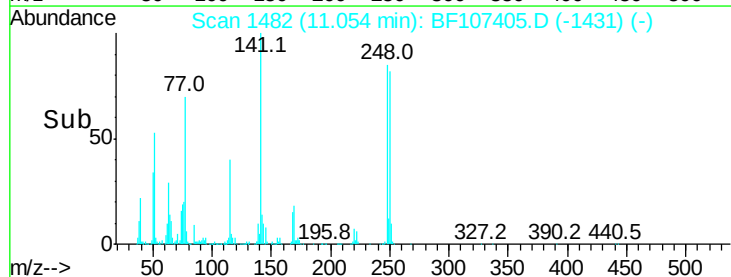
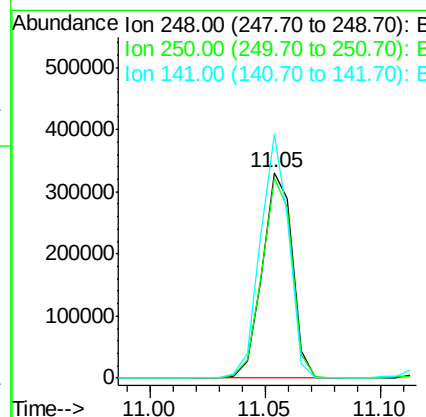
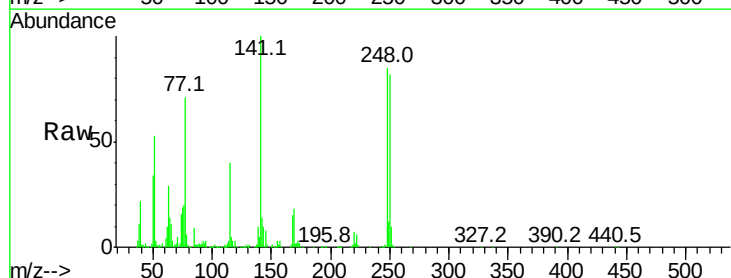
RT: 11.05 min Scan# 1482

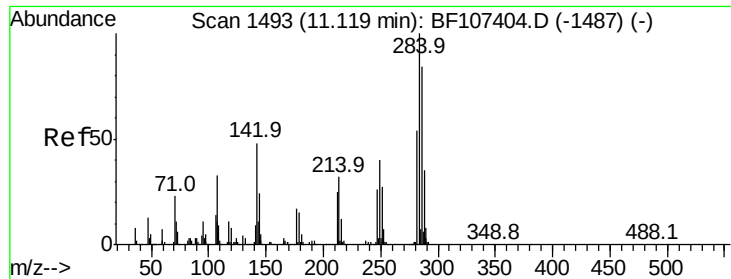
Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:	248	Resp:	300524
Ion Ratio	Lower	Upper	
248	100		
250	97.5	76.9	115.3
141	118.3	74.4	111.6#





#67

Hexachlorobenzene

Concen: 38.219 ng

RT: 11.12 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

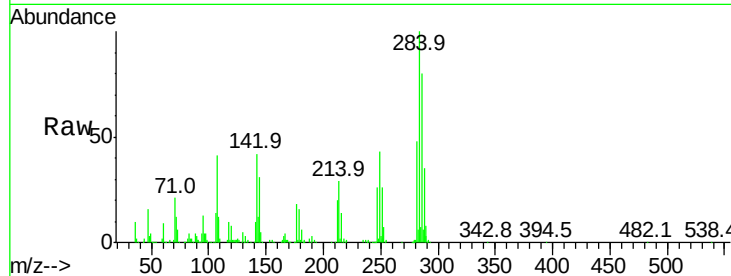
ClientSampleId :

SSTDIC050

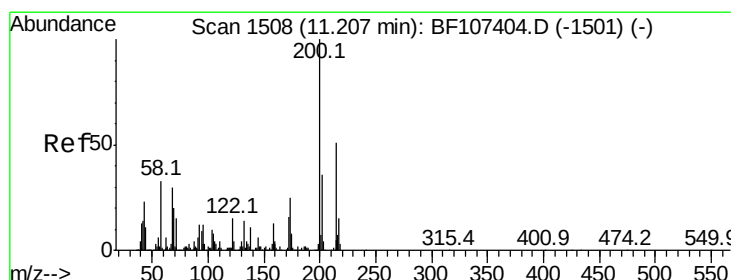
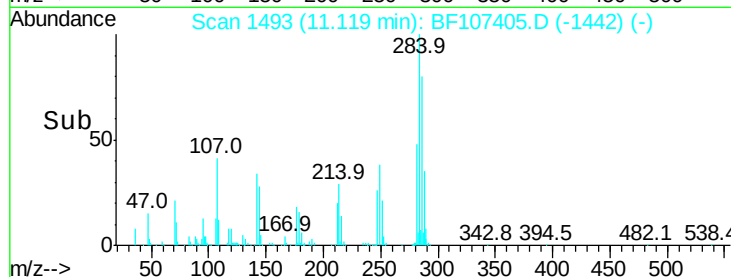
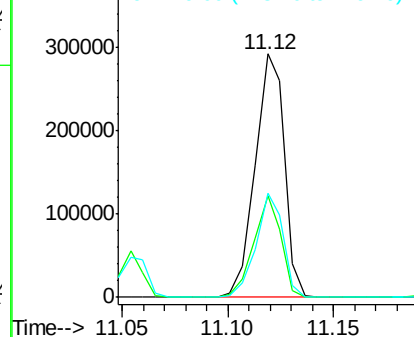
Tot Ion	Ratio	Resp	Lower	Upper
284	100	282059		
142	41.7	34.6	52.0	
249	42.8	24.8	37.2	

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



#68

Atrazine

Concen: 49.914 ng

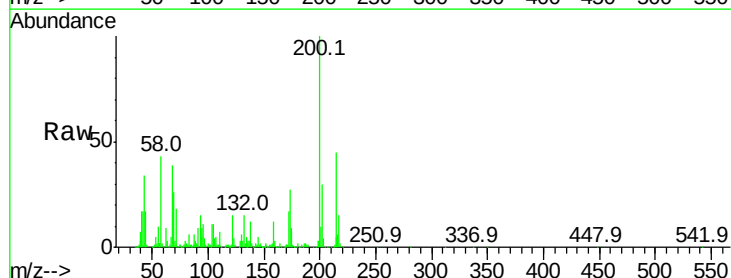
RT: 11.21 min Scan# 1508

Delta R.T. -0.00 min

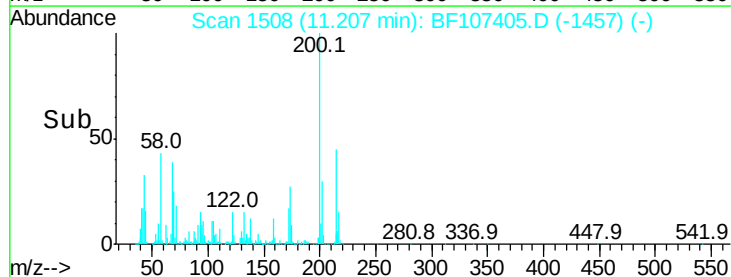
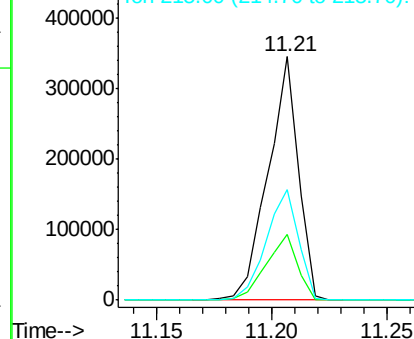
Lab File: BF107405.D

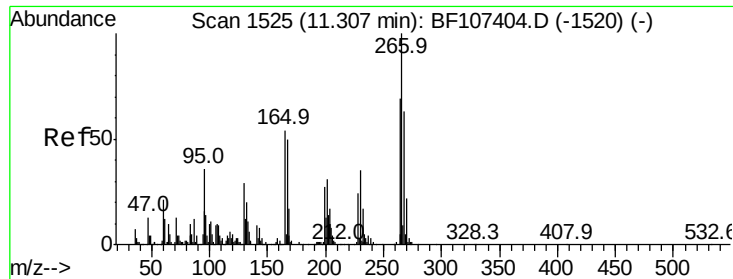
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	315338		
173	26.9	8.6	48.6	
215	45.5	25.1	65.1	



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





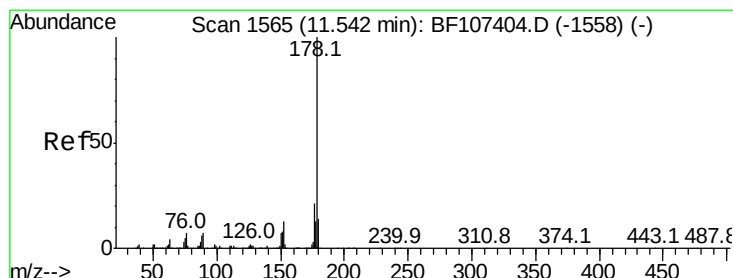
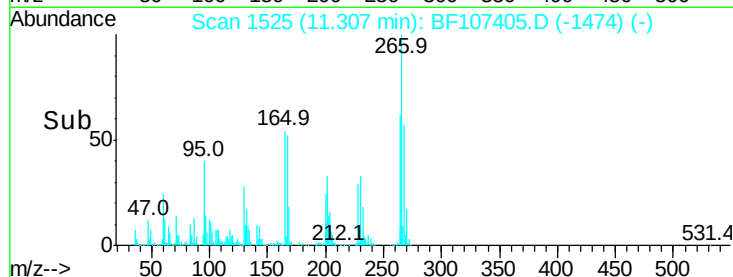
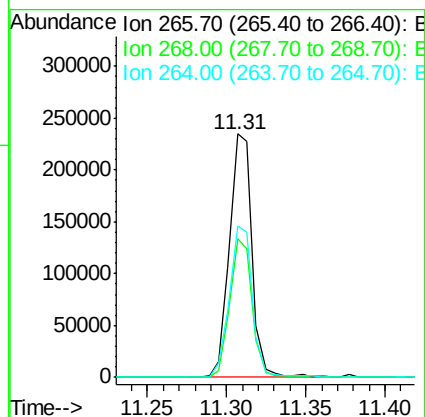
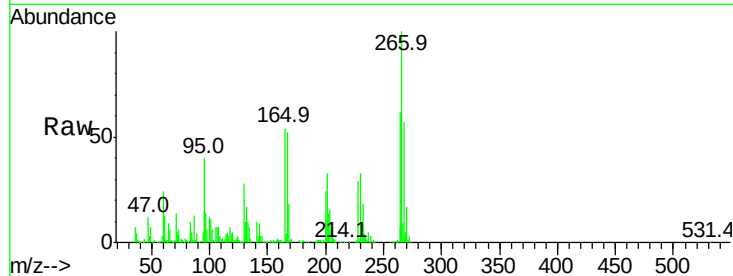
#69
 Pentachlorophenol
 Concen: 62.848 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
266	100		
268	56.8	51.1	76.7
264	62.2	49.5	74.3

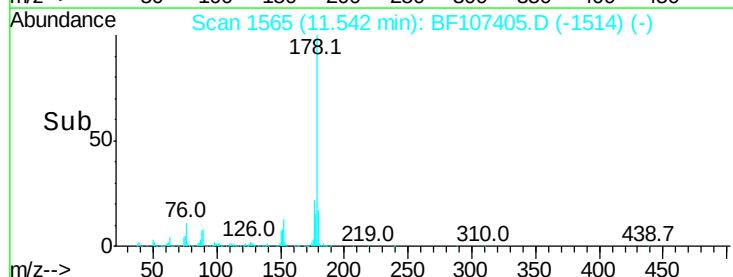
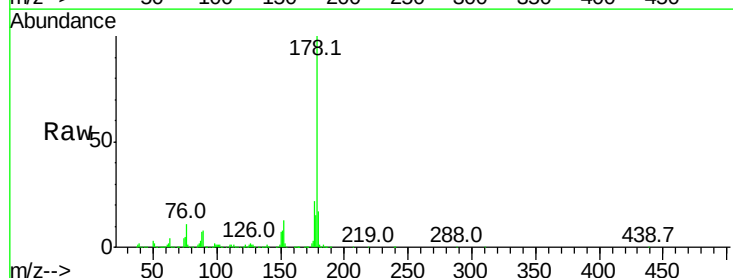
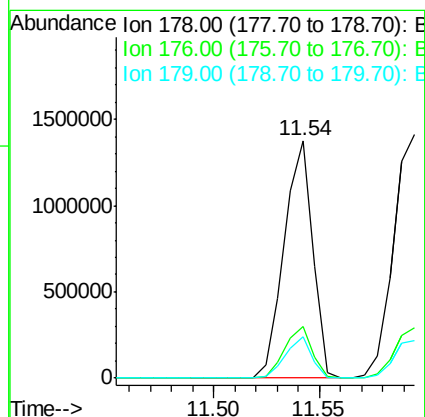
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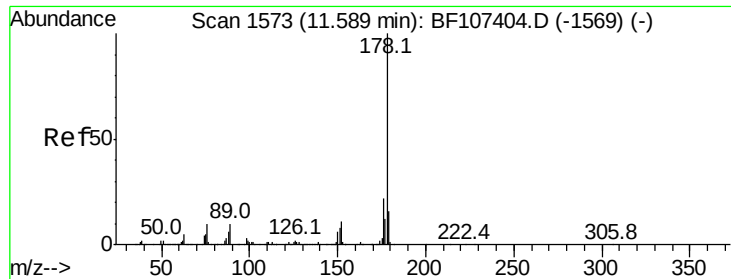
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#70
 Phenanthrene
 Concen: 45.813 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	15.8	23.8
179	17.3	13.0	19.6





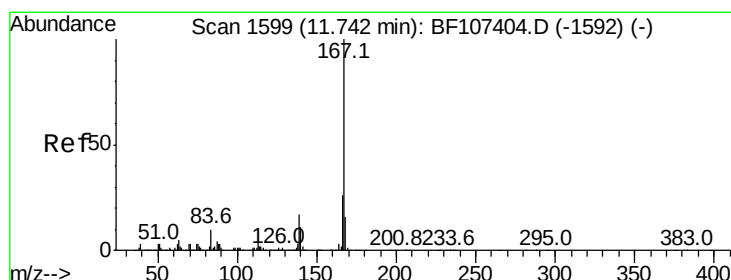
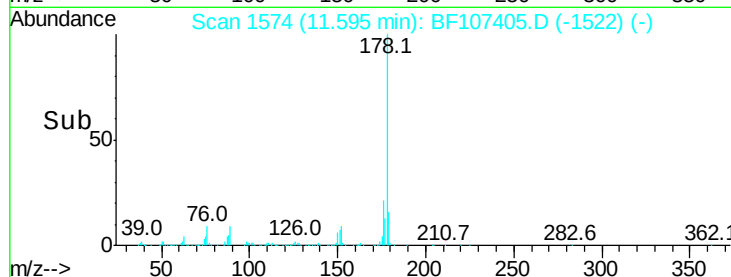
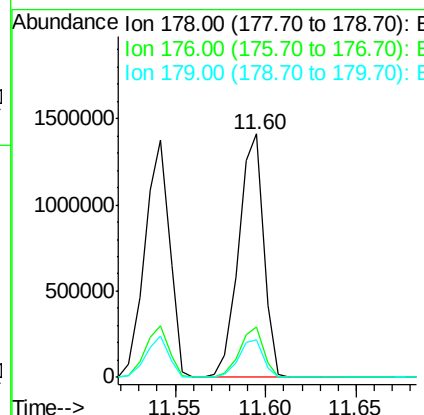
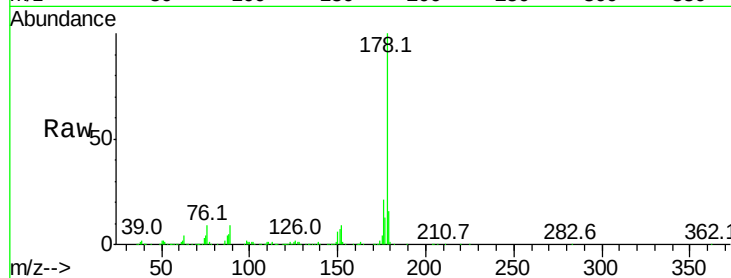
#71
 Anthracene
 Concen: 46.599 ng
 RT: 11.60 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	15.5	12.6	19.0

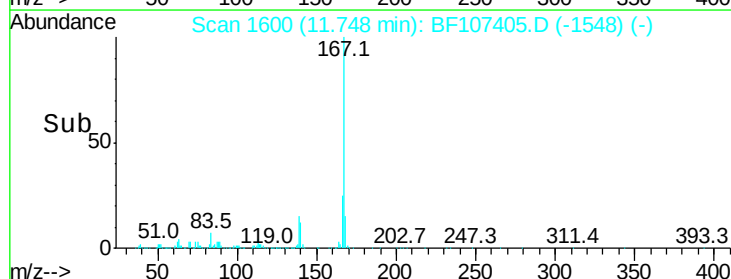
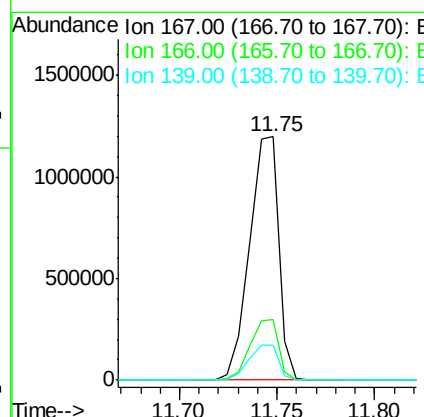
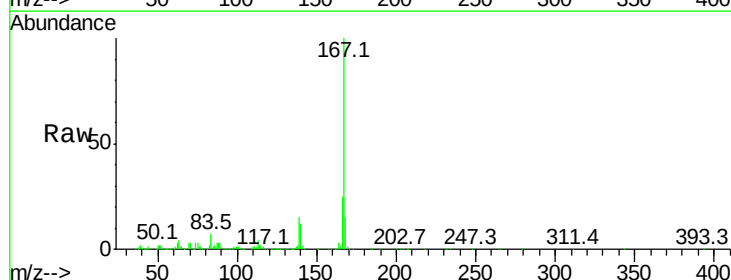
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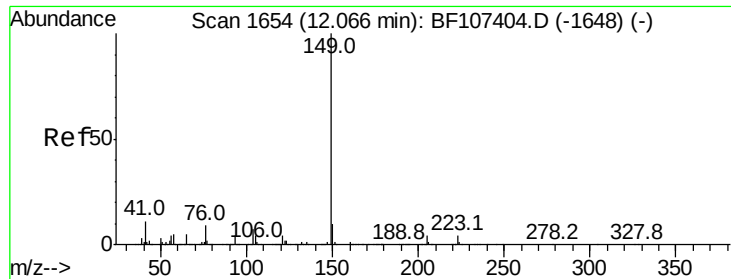
Sohil
 7/17/2018 4:52:48 PM



#72
 Carbazole
 Concen: 45.705 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.9	17.6	26.4
139	14.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.155 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:149 Resp: 1480762

Ion Ratio Lower Upper

149 100

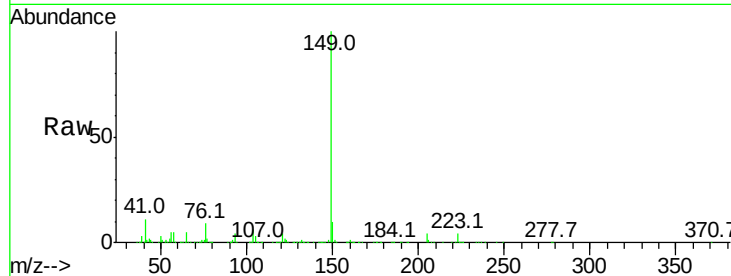
150 10.0 7.8 11.6

104 6.3 3.8 5.8#

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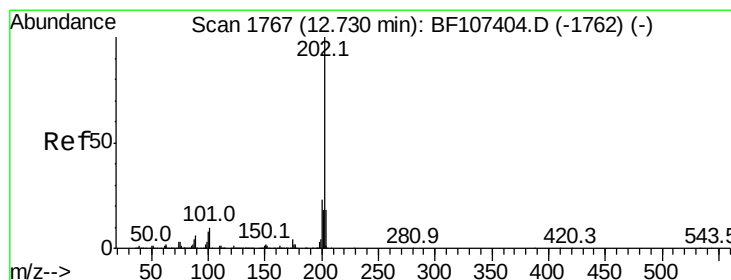
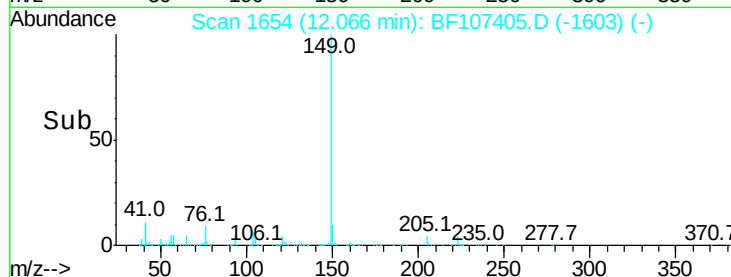
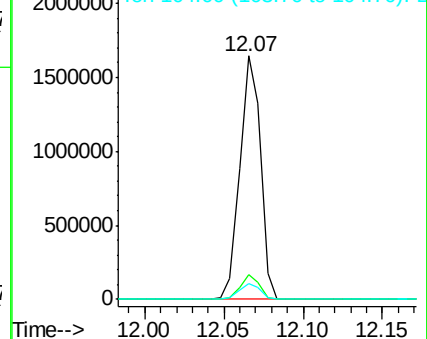
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.964 ng

RT: 12.73 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

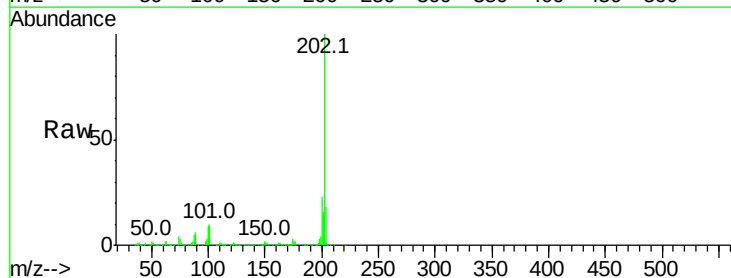
Tgt Ion:202 Resp: 1475117

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.1

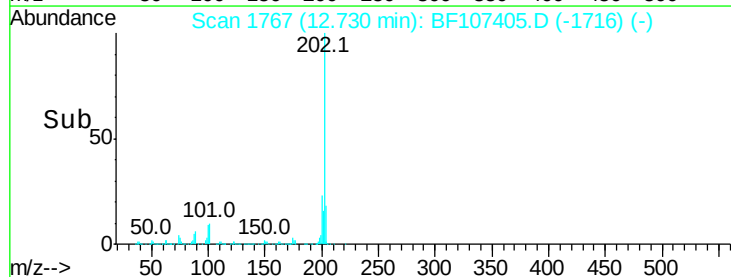
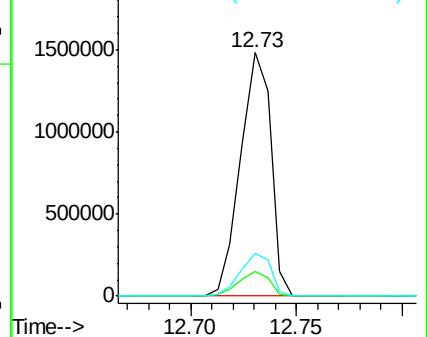
203 17.7 0.0 38.1

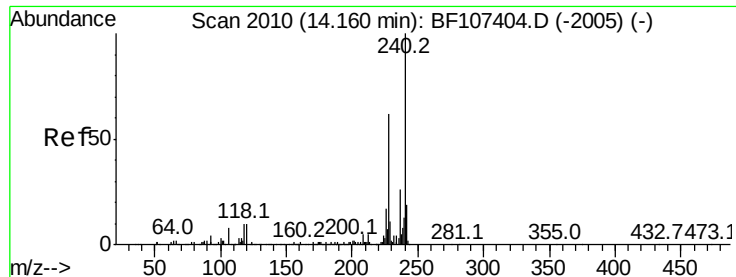


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

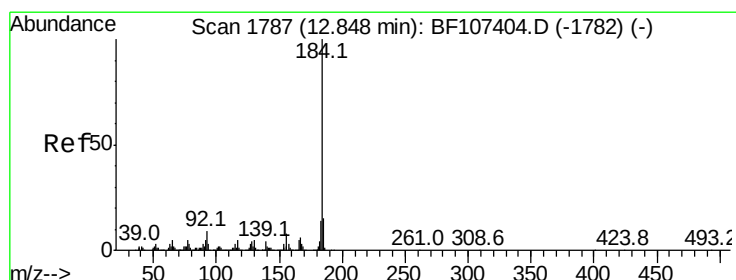
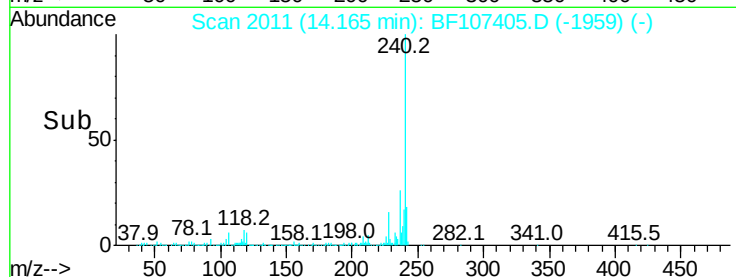
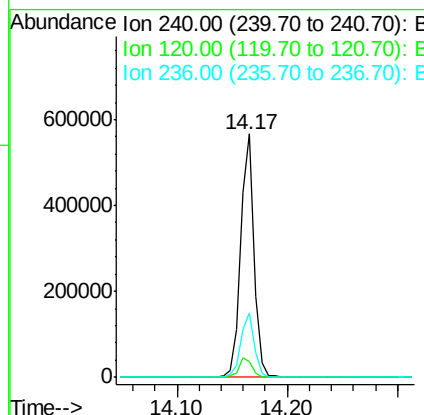
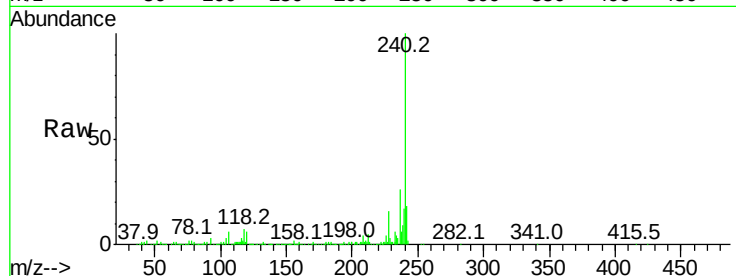
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	6.3	9.5	14.3#	
236	26.4	20.7	31.1	

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#76

Benzidine

Concen: 67.579 ng

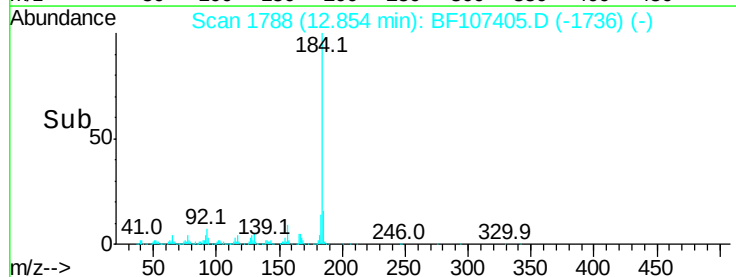
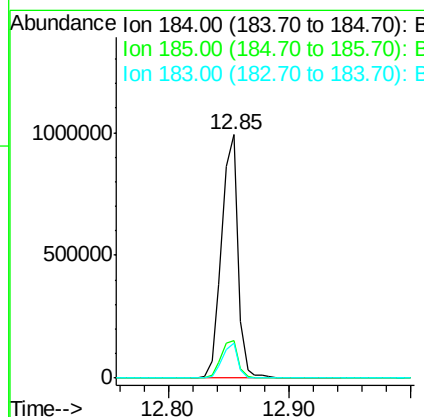
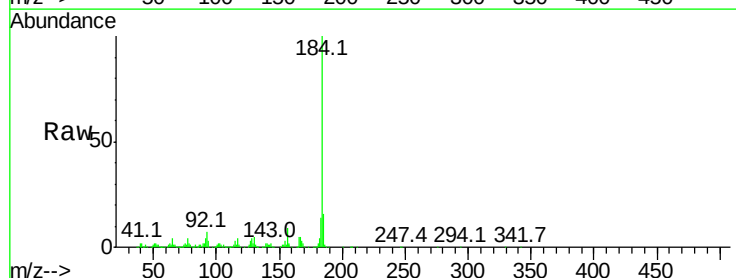
RT: 12.85 min Scan# 1788

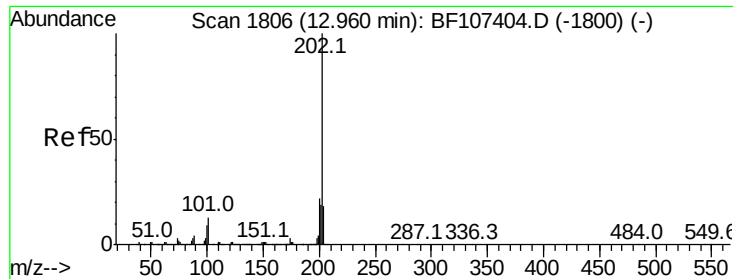
Delta R.T. 0.01 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.6	12.6	18.8	
183	14.1	9.3	13.9#	





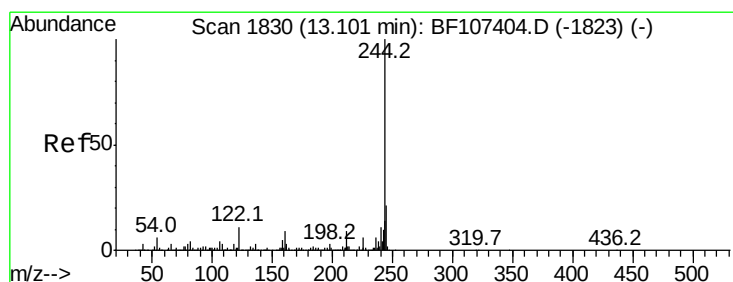
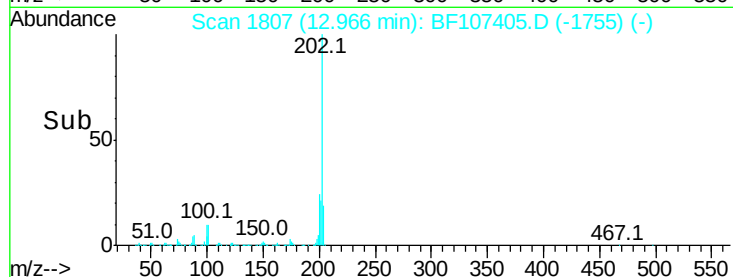
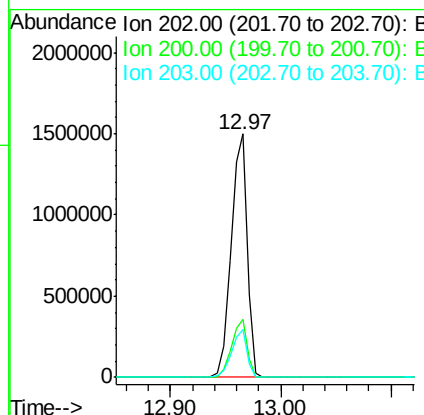
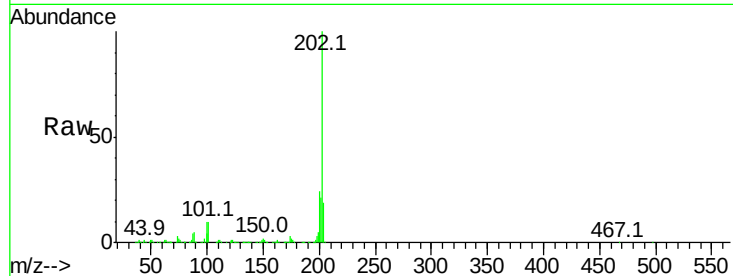
#77
Pvrene
Concen: 47.988 ng
RT: 12.97 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.8	17.4	26.2
203	19.5	14.3	21.5

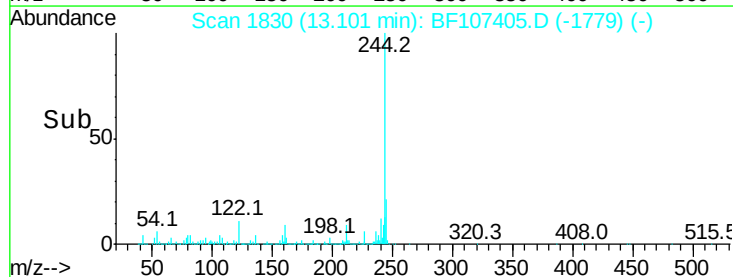
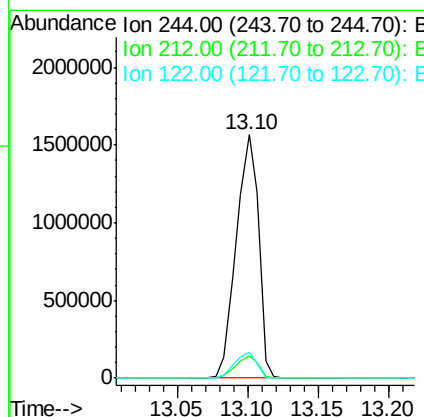
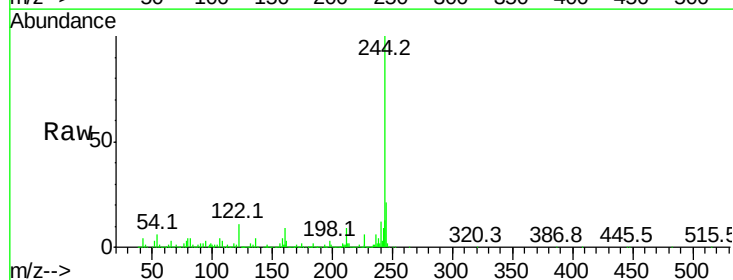
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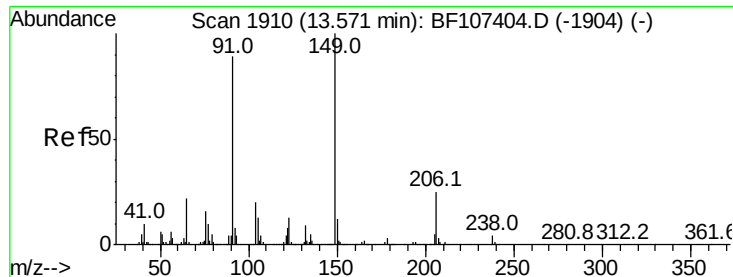
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#78
Terphenyl-d14
Concen: 86.466 ng
RT: 13.10 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.4	8.0#
122	10.8	11.0	16.4#





#79

Butylbenzylphthalate

Concen: 48.259 ng

RT: 13.57 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 631173
Ion Ratio Lower Upper

149 100

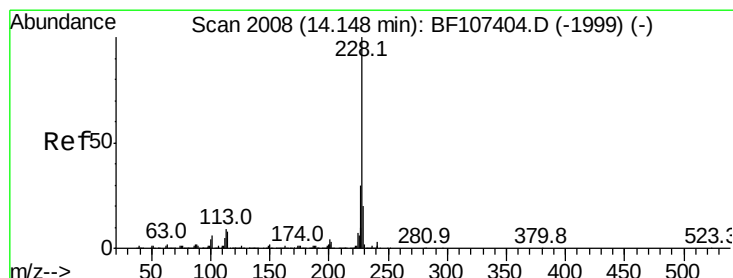
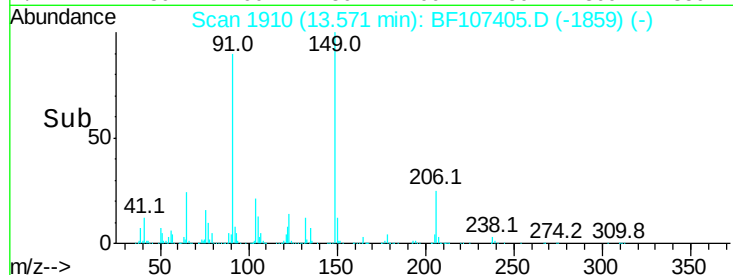
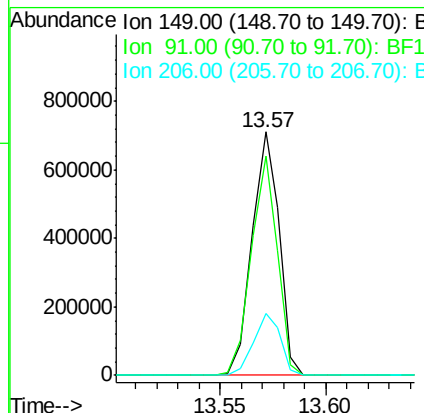
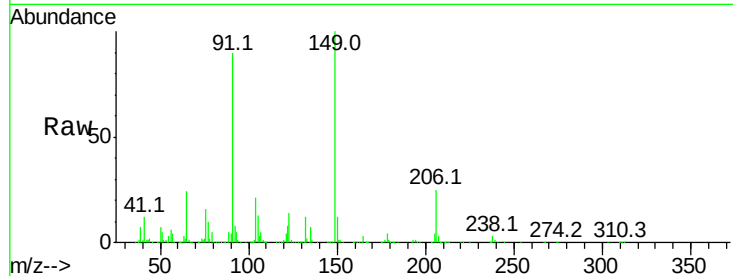
91 90.0 56.8 85.2#

206 25.3 14.1 21.1#

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#80

Benzo(a)anthracene

Concen: 47.221 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF107405.D

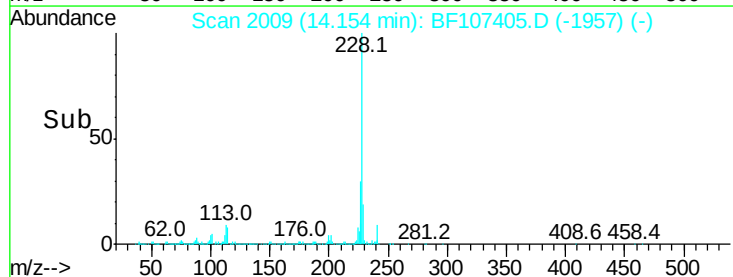
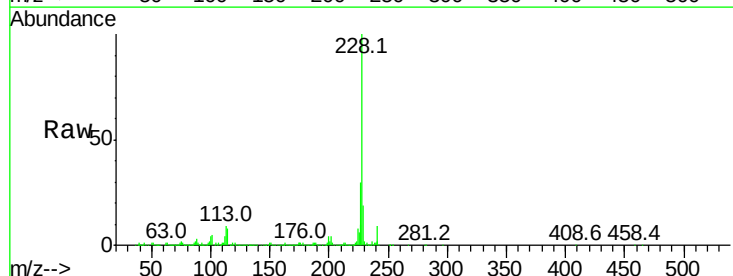
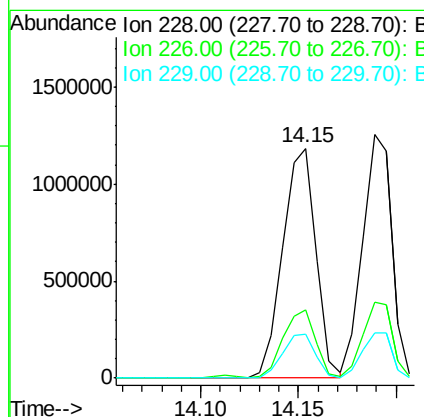
Acq: 16 Jul 2018 15:28

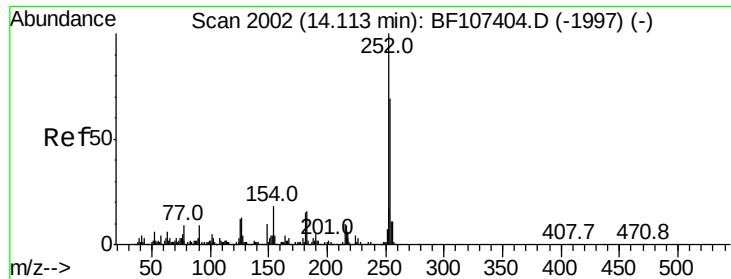
Tgt Ion:228 Resp: 1388333
Ion Ratio Lower Upper

228 100

226 29.7 22.6 33.8

229 19.4 15.8 23.6





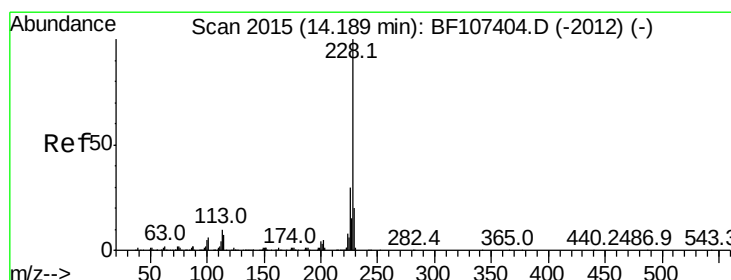
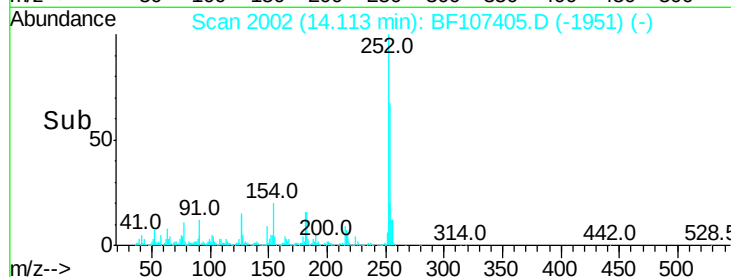
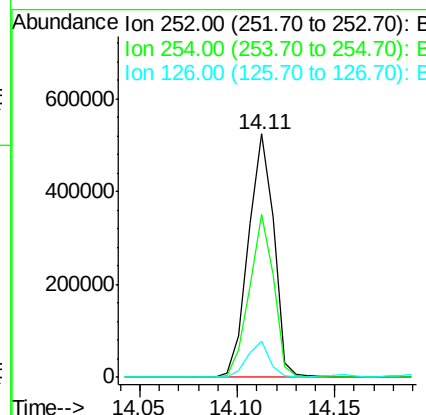
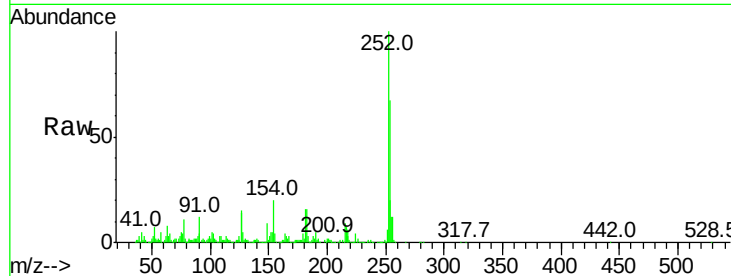
#81
 3,3'-Dichlorobenzidine
 Concen: 46.081 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.7	50.4	75.6
126	14.7	11.3	16.9

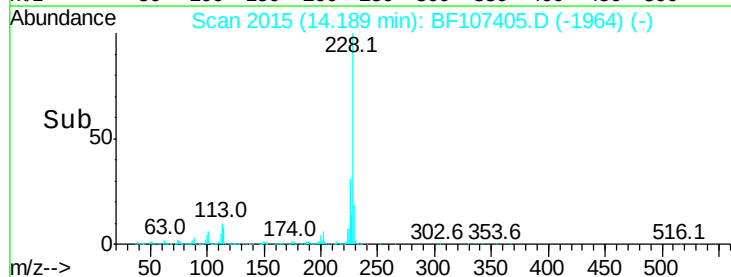
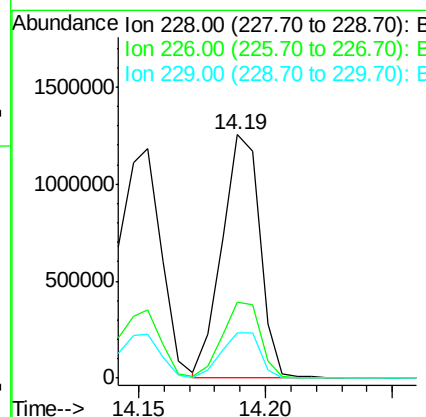
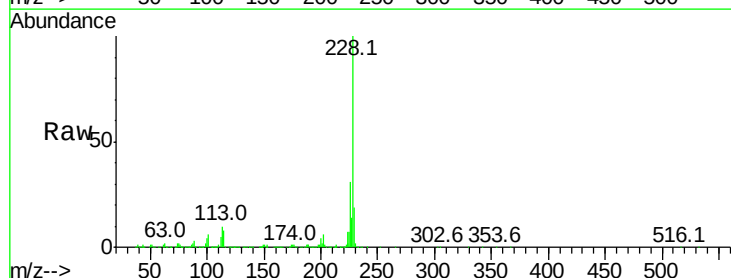
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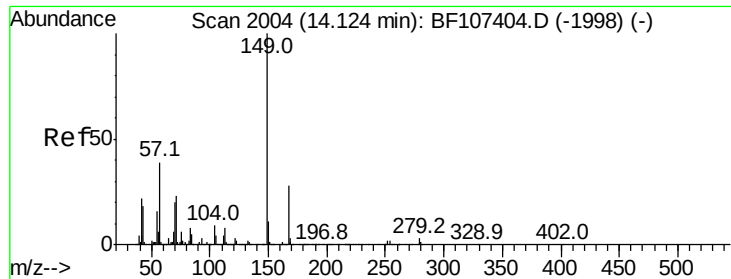
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#82
 Chrysene
 Concen: 48.176 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	18.8	16.2	24.4





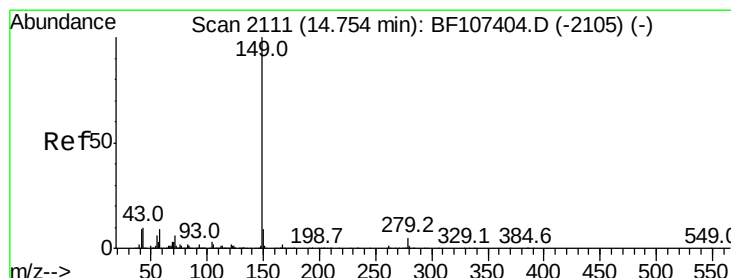
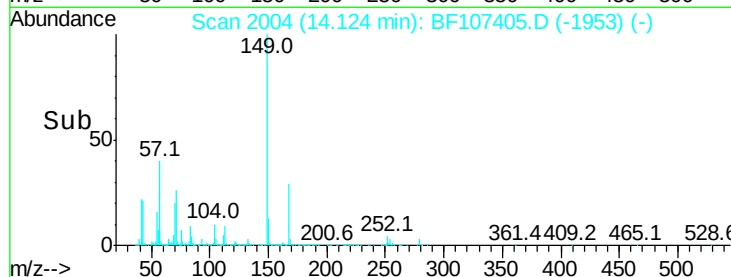
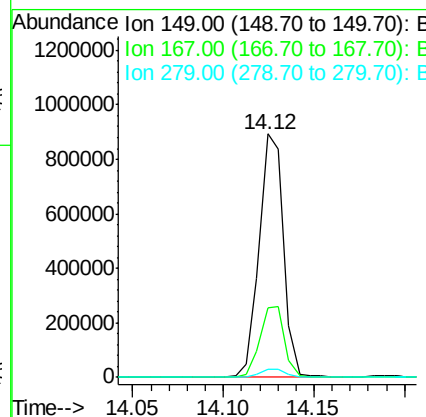
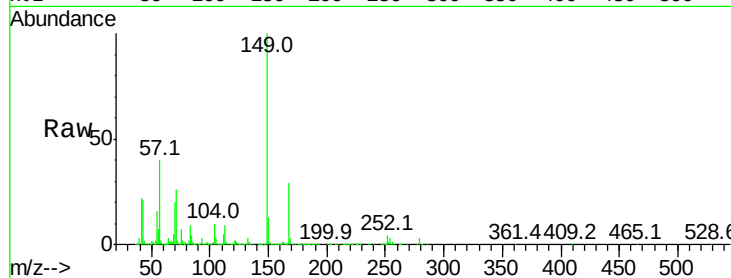
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.030 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.3	31.9
279	3.3	3.0	4.4

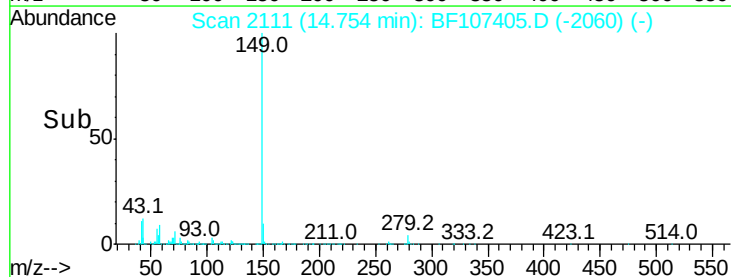
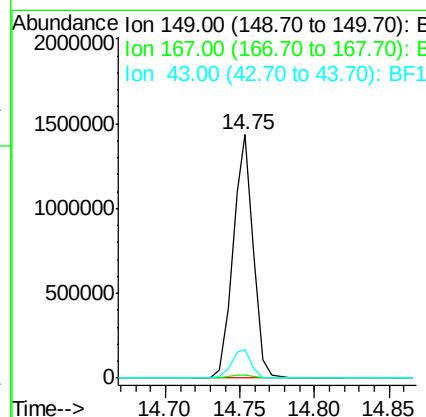
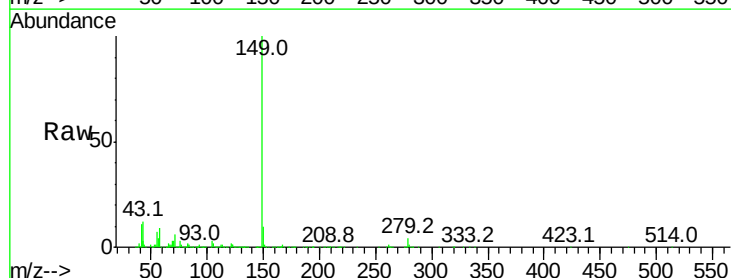
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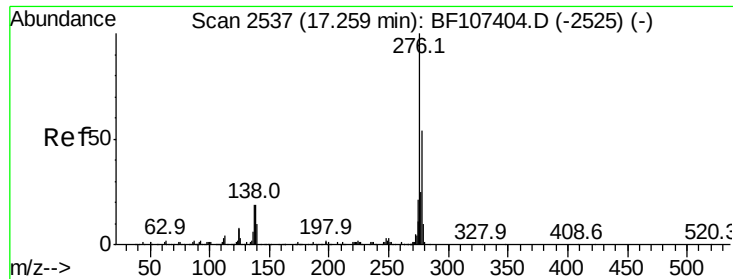
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#84
 Di-n-octyl phthalate
 Concen: 50.011 ng
 RT: 14.75 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.489 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

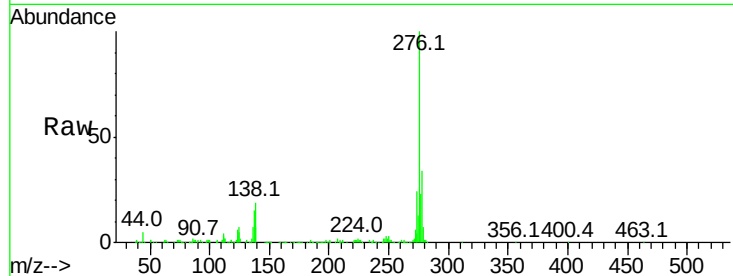
ClientSampleId :

SSTDIC050

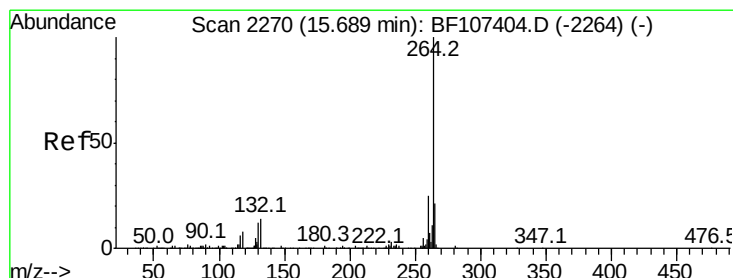
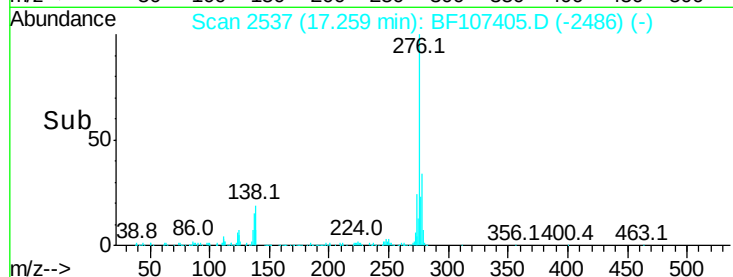
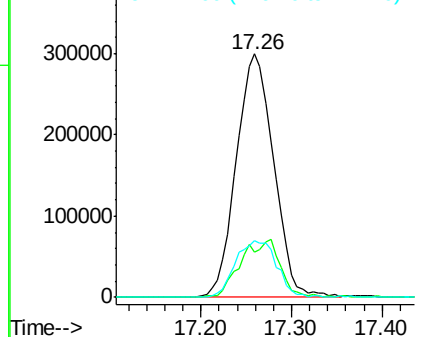
Tot Ion:	276	Resp:	860529
Ion Ratio	Lower	Upper	
276	100		
138	25.1	25.0	37.6
277	25.6	20.1	30.1

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



#86

Perylene-d12

Concen: 20.000 ng

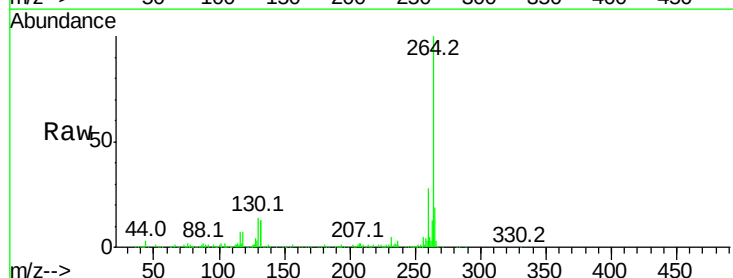
RT: 15.69 min Scan# 2270

Delta R.T. -0.00 min

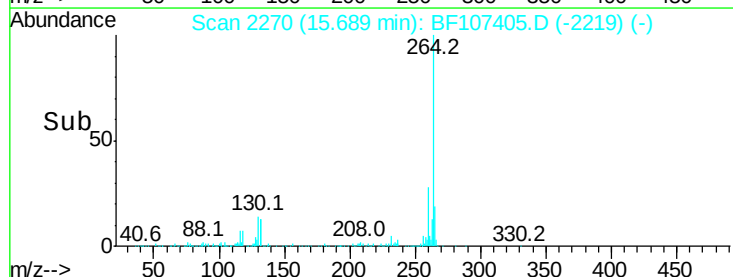
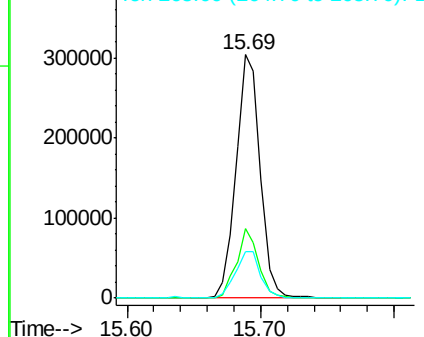
Lab File: BF107405.D

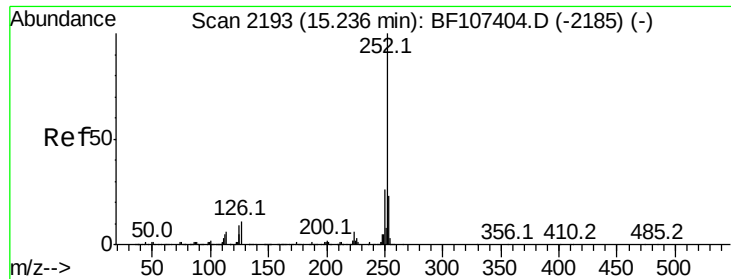
Acq: 16 Jul 2018 15:28

Tgt Ion:	264	Resp:	382930
Ion Ratio	Lower	Upper	
264	100		
260	28.3	19.2	28.8
265	19.0	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: 47.098 ng

RT: 15.24 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:252 Resp: 1120334

Ion Ratio Lower Upper

252 100

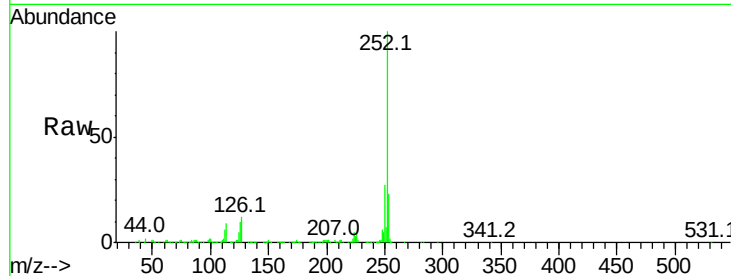
253 22.6 17.0 25.6

125 10.0 9.0 13.6

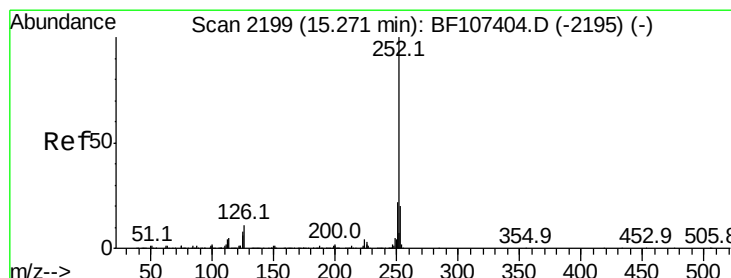
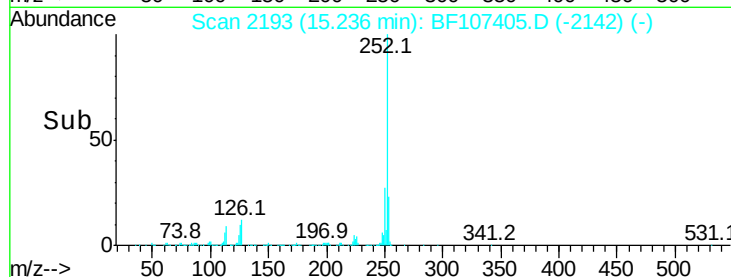
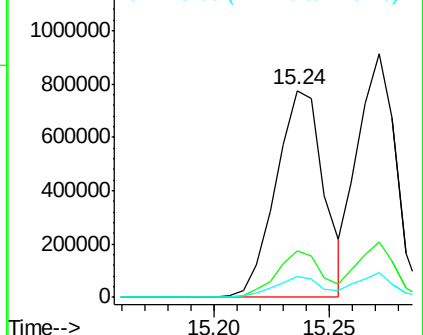
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.411 ng

RT: 15.27 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BF107405.D

Acq: 16 Jul 2018 15:28

Tgt Ion:252 Resp: 1051341

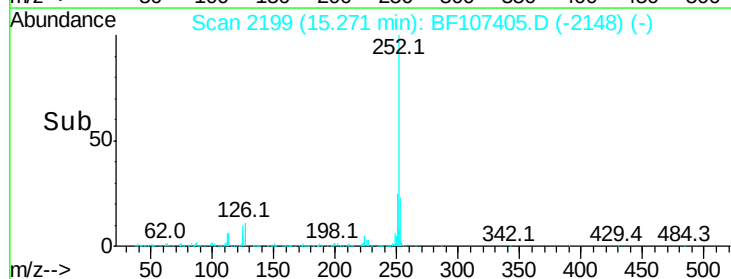
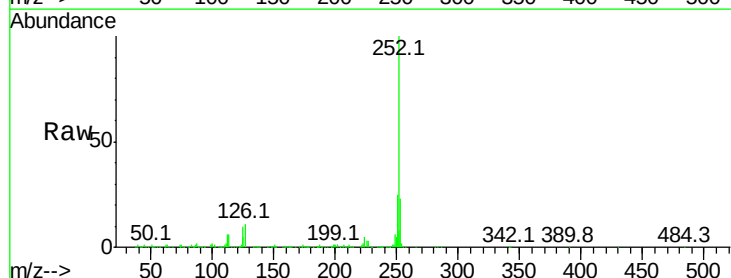
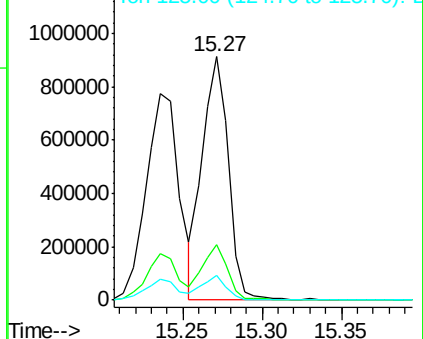
Ion Ratio Lower Upper

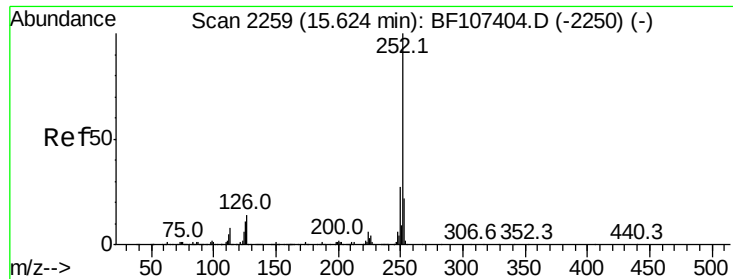
252 100

253 22.7 17.9 26.9

125 10.2 10.2 15.2

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





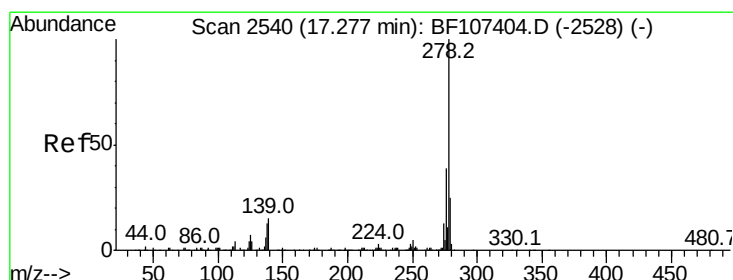
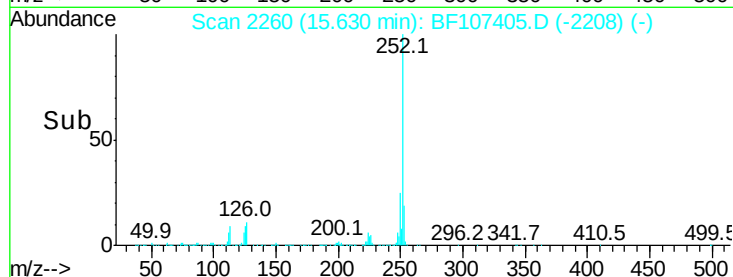
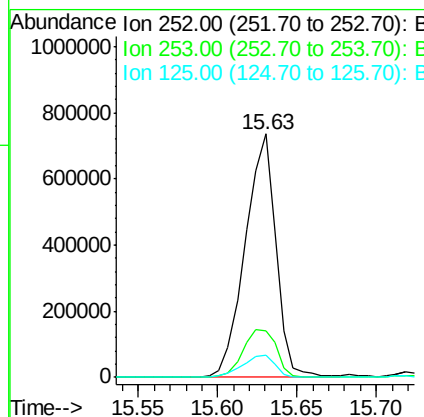
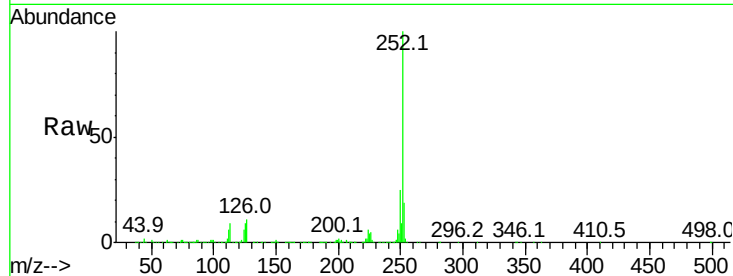
#89
Benzo(a)pyrene
Concen: 46.974 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.3	17.1	25.7
125	9.0	9.8	14.6

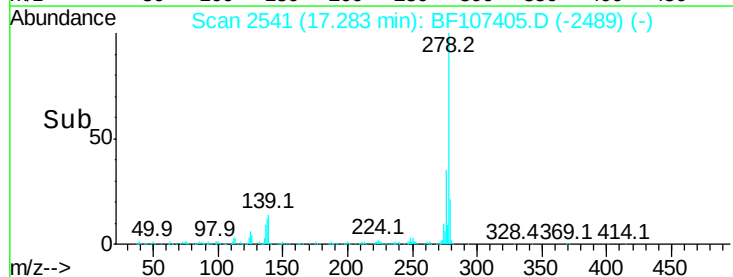
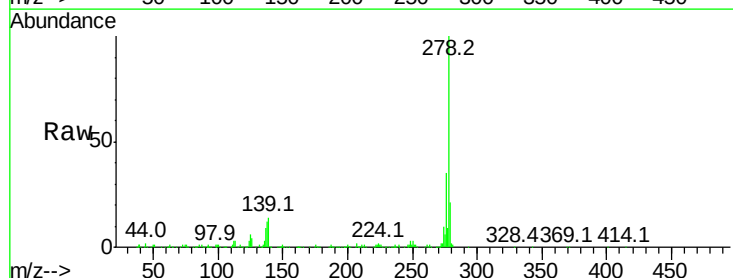
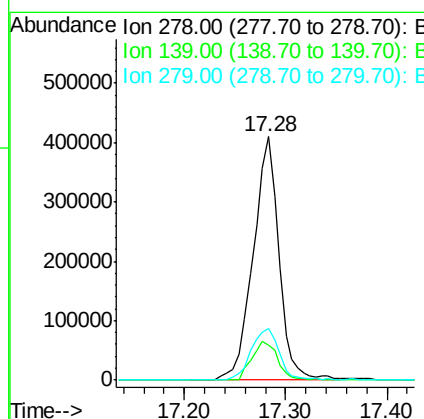
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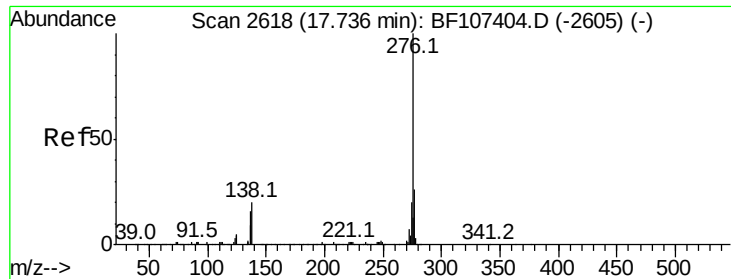
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#90
Dibenzo(a,h)anthracene
Concen: 40.620 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF107405.D
Acq: 16 Jul 2018 15:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	15.9	23.9
279	21.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.558 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. 0.01 min
 Lab File: BF107405.D
 Acq: 16 Jul 2018 15:28

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.1	17.9	26.9
138	19.5	21.8	32.8

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