

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107476.D
 Acq On : 18 Jul 2018 14:40
 Operator : JU/SJ
 Sample : J3906-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-1@3MSD

Manual Integrations
 APPROVED

Sohil
 7/19/2018 11:49:34 AM

Quant Time: Jul 18 16:45:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	147987	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	554536	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	303199	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	576130	20.00	ng	0.00
75) Chrysene-d12	14.18	240	355755	20.00	ng	0.00
86) Perylene-d12	15.72	264	368661	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1032130	105.92	ng	0.01
7) Phenol-d6	6.62	99	1338473	106.25	ng	0.01
23) Nitrobenzene-d5	7.55	82	1035261	99.55	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	275924	103.58	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1659059	92.15	ng	0.00
78) Terphenyl-d14	13.11	244	1373328	95.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	140793	29.267	ng	# 86
3) Pyridine	3.69	79	362295	27.923	ng	# 90
4) n-Nitrosodimethylamine	3.65	42	223817	42.009	ng	# 75
6) Aniline	6.66	93	363181	21.808	ng	# 91
8) 2-Chlorophenol	6.78	128	377616	38.320	ng	# 91
9) Benzaldehyde	6.54	77	214484	21.164	ng	# 89
10) Phenol	6.64	94	536800	39.745	ng	# 60
11) bis(2-Chloroethyl)ether	6.72	93	376920	34.197	ng	# 95
12) 1,3-Dichlorobenzene	6.93	146	435486	36.400	ng	# 86
13) 1,4-Dichlorobenzene	7.01	146	426733	35.982	ng	# 90
14) 1,2-Dichlorobenzene	7.16	146	408346	36.799	ng	# 96
15) Benzyl Alcohol	7.12	79	481639	38.069	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	7.25	45	428504	36.433	ng	# 82
17) 2-Methylphenol	7.24	107	371288	39.628	ng	# 84
18) Hexachloroethane	7.50	117	171009	38.754	ng	# 87
19) n-Nitroso-di-n-propylamine	7.40	70	342329	37.952	ng	# 96
20) 3+4-Methylphenols	7.39	107	418645	35.175	ng	# 67
22) Acetophenone	7.40	105	571899	37.536	ng	# 81
24) Nitrobenzene	7.57	77	507738	43.446	ng	# 89
25) Isophorone	7.81	82	912930	44.290	ng	# 92
26) 2-Nitrophenol	7.88	139	205291	51.675	ng	# 71
27) 2,4-Dimethylphenol	7.92	122	365380	44.105	ng	# 77
28) bis(2-Chloroethoxy)methane	8.01	93	519060	40.209	ng	# 97
29) 2,4-Dichlorophenol	8.12	162	370444	42.971	ng	# 91
30) 1,2,4-Trichlorobenzene	8.21	180	416700	39.916	ng	# 96
31) Naphthalene	8.30	128	1155278	42.890	ng	# 97
32) Benzoic acid	8.01	122	71353	14.034	ng	# 84
33) 4-Chloroaniline	8.34	127	190779	16.354	ng	# 87
34) Hexachlorobutadiene	8.40	225	282904	40.500	ng	# 98
35) Caprolactam	8.72	113	118545m	42.273	ng	# 81
36) 4-Chloro-3-methylphenol	8.82	107	486661	43.204	ng	# 88
37) 2-Methylnaphthalene	8.98	142	793447	44.689	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	461812	39.141	ng	# 99
40) Hexachlorocyclopentadiene	9.13	237	305072	49.505	ng	# 98

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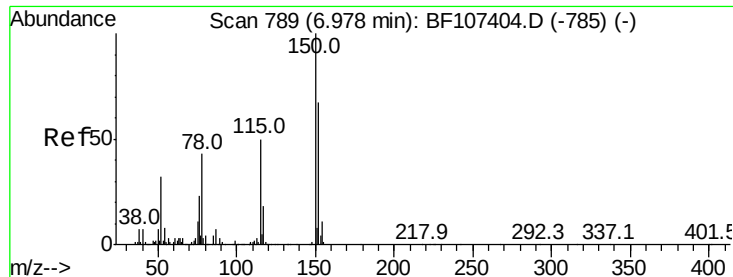
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	295624	40.138	nq	98
43) 2,4,5-Trichlorophenol	9.31	196	294055	41.735	nq	91
45) 1,1'-Biphenyl	9.45	154	1007053	38.416	nq	97
46) 2-Chloronaphthalene	9.48	162	795337	38.413	nq	95
47) 2-Nitroaniline	9.57	65	318711	50.301	nq #	75
48) Acenaphthylene	9.90	152	1186708	41.070	nq	94
49) Dimethylphthalate	9.75	163	1379418	57.261	nq	99
50) 2,6-Dinitrotoluene	9.82	165	227860	49.568	nq #	86
51) Acenaphthene	10.07	154	721721	37.678	nq	94
52) 3-Nitroaniline	9.98	138	132206	27.381	nq #	76
53) 2,4-Dinitrophenol	10.09	184	25290	20.656	nq #	33
54) Dibenzofuran	10.24	168	1125502	38.024	nq	93
55) 4-Nitrophenol	10.15	139	236957	60.648	nq #	52
56) 2,4-Dinitrotoluene	10.22	165	283389	47.296	nq #	72
57) Fluorene	10.58	166	806372	41.133	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.35	232	231158	33.869	nq #	90
59) Diethylphthalate	10.45	149	983725	42.032	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	446622	38.247	nq	93
61) 4-Nitroaniline	10.61	138	181586	39.517	nq #	52
62) Azobenzene	10.73	77	1029363	37.453	nq	88
64) 4,6-Dinitro-2-methylphenol	10.63	198	42897	19.215	nq #	69
65) n-Nitrosodiphenylamine	10.70	169	772228	42.439	nq	97
66) 4-Bromophenyl-phenylether	11.07	248	279805	42.450	nq	93
67) Hexachlorobenzene	11.13	284	256505	42.040	nq #	94
68) Atrazine	11.22	200	290441	42.239	nq	99
69) Pentachlorophenol	11.32	266	200332	44.430	nq	93
70) Phenanthrene	11.55	178	1369604	47.702	nq	98
71) Anthracene	11.61	178	1203712	42.091	nq	98
72) Carbazole	11.76	167	956613	35.333	nq	94
73) Di-n-butylphthalate	12.07	149	1365677	43.892	nq #	98
74) Fluoranthene	12.75	202	1412791	43.292	nq	92
76) Benzidine	12.86	184	168940	12.236	nq	96
77) Pyrene	12.98	202	1333091	55.105	nq	99
79) Butylbenzylphthalate	13.58	149	457764	51.947	nq #	86
80) Benzo(a)anthracene	14.17	228	1055958	48.512	nq	97
81) 3,3'-Dichlorobenzidine	14.12	252	238705	32.698	nq #	97
82) Chrysene	14.21	228	945364	45.465	nq	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	628132	49.742	nq	96
84) Di-n-octyl phthalate	14.76	149	1004753	51.185	nq #	100
85) Indeno(1,2,3-cd)pyrene	17.31	276	877507	59.288	nq #	87
87) Benzo(b)fluoranthene	15.26	252	1150093	53.299	nq #	95
88) Benzo(k)fluoranthene	15.29	252	841133	39.943	nq #	94
89) Benzo(a)pyrene	15.65	252	996748	50.327	nq	97
90) Dibenzo(a,h)anthracene	17.32	278	708226	47.381	nq #	95
91) Benzo(g,h,i)perylene	17.79	276	719582	47.377	nq #	87

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



#1

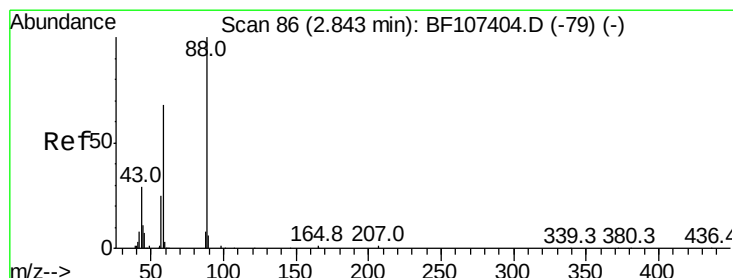
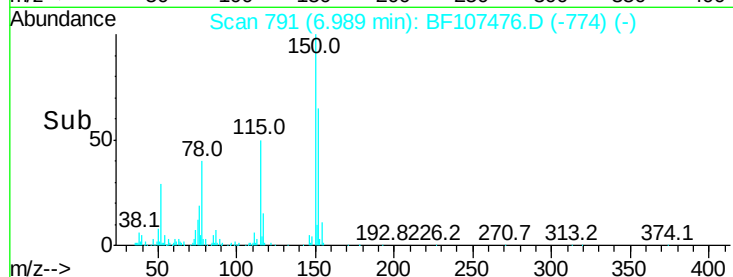
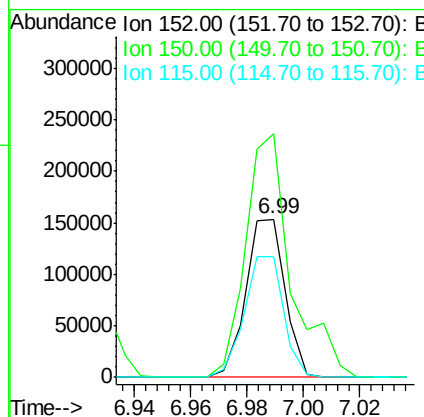
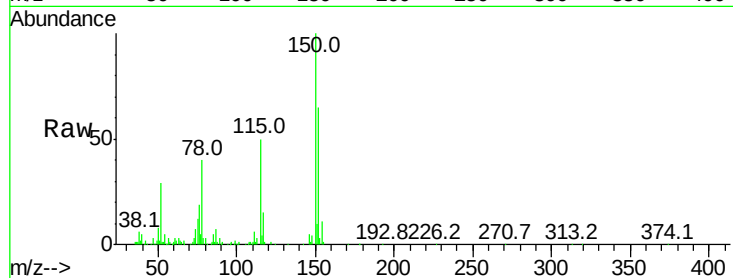
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.99 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	76.7	50.1	75.1#

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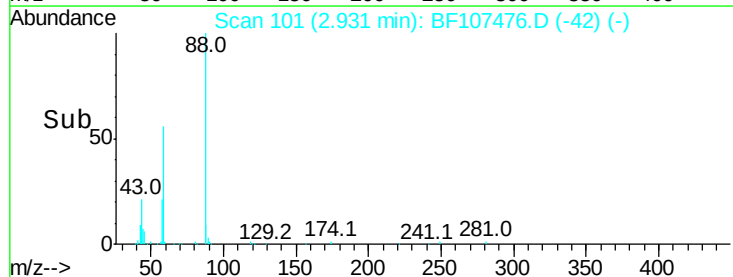
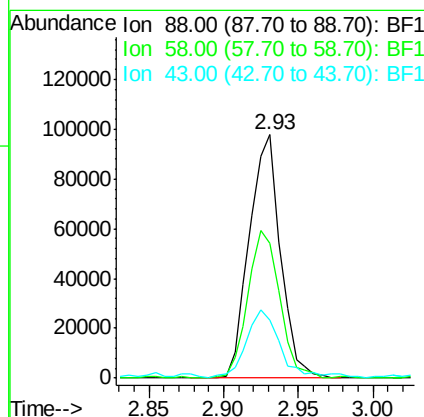
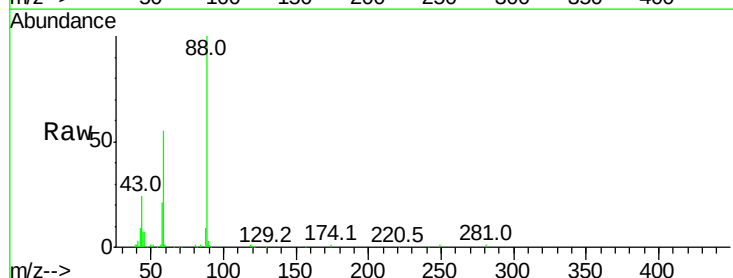
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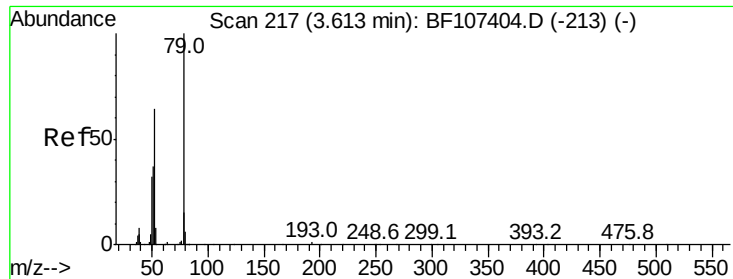


#2

1,4-Dioxane
Concen: 29.267 ng
RT: 2.93 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	62.6	93.8#
43	29.6	24.6	37.0





#3

Pvridine

Concen: 27.923 ng

RT: 3.69 min Scan# 230

Delta R.T. 0.04 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

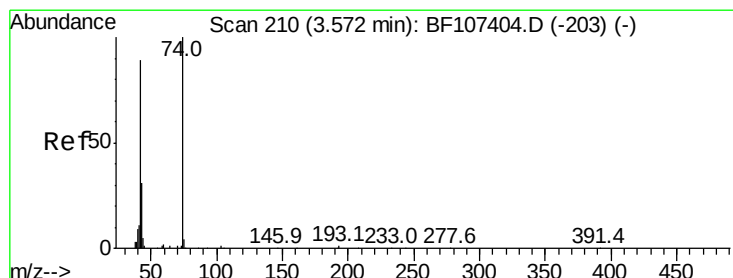
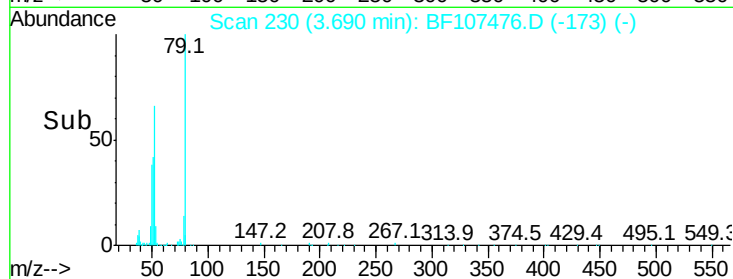
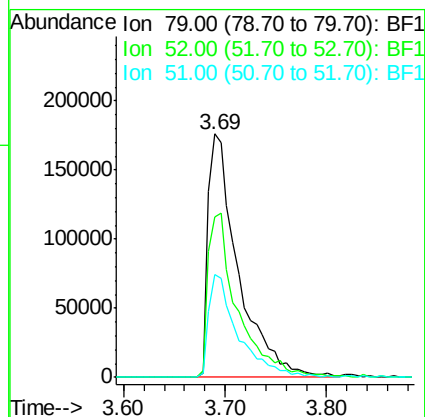
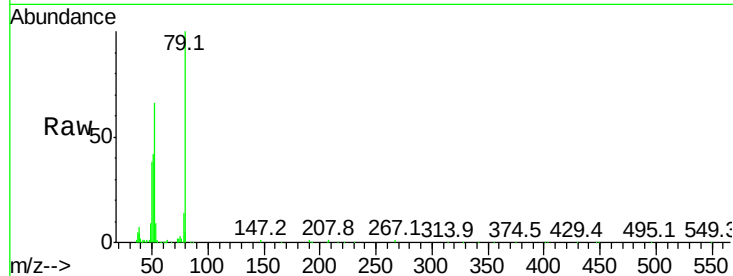
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:	79	Resp:	362295
Ion Ratio	Lower	Upper	
79	100		
52	65.6	59.8	89.6
51	42.2	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.009 ng

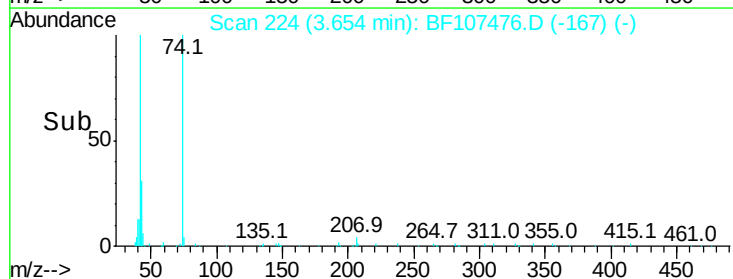
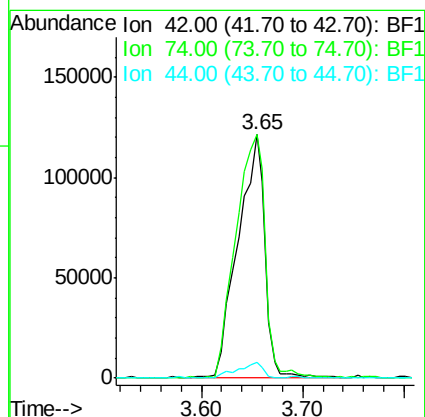
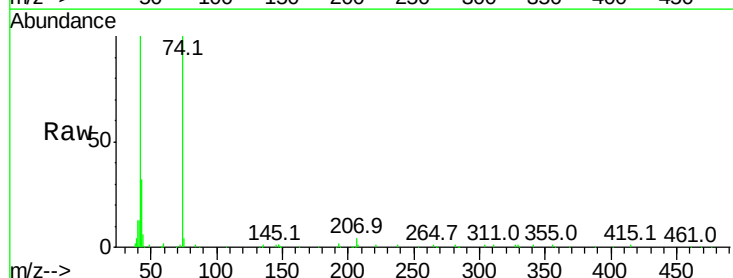
RT: 3.65 min Scan# 224

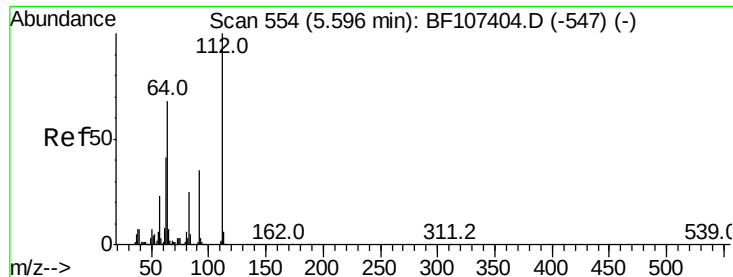
Delta R.T. 0.04 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion:	42	Resp:	223817
Ion Ratio	Lower	Upper	
42	100		
74	100.1	104.9	157.3#
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 105.924 ng

RT: 5.62 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

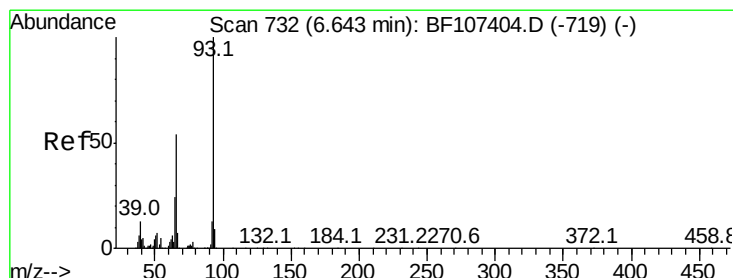
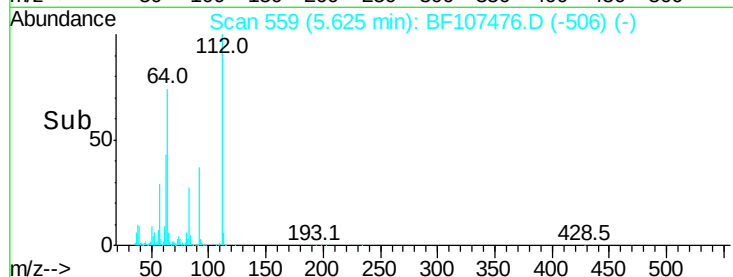
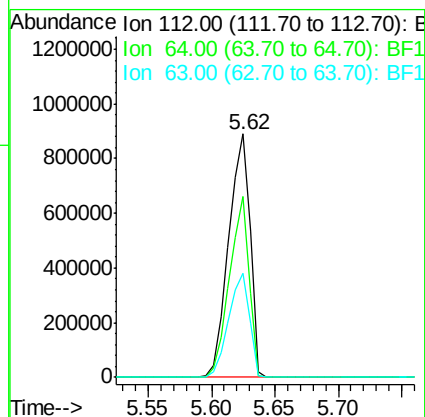
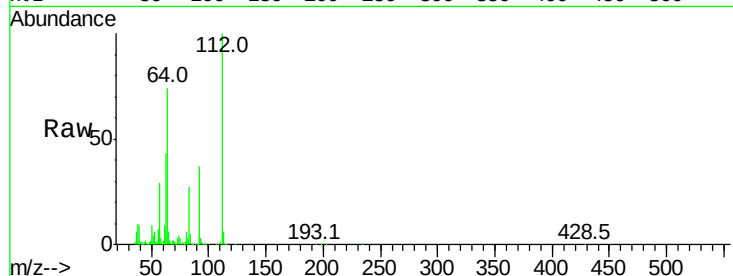
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:	112	Resp:	1032130
Ion Ratio	Lower	Upper	
112	100		
64	74.4	47.9	71.9#
63	42.7	23.7	35.5#

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#6

Aniline

Concen: 21.808 ng

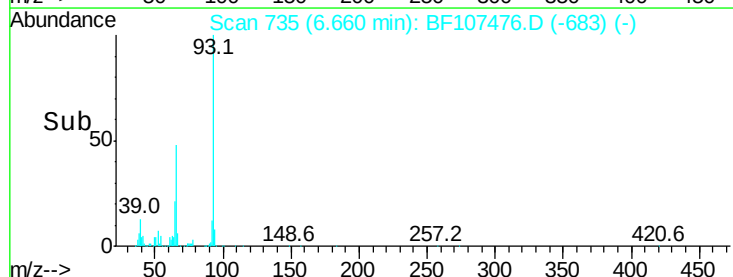
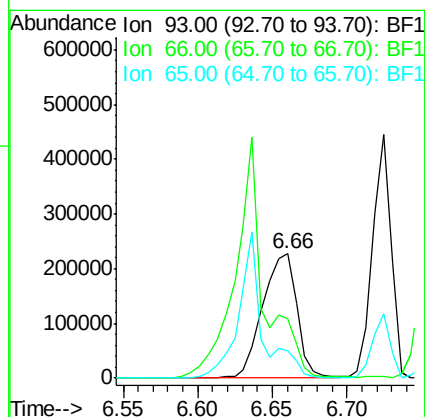
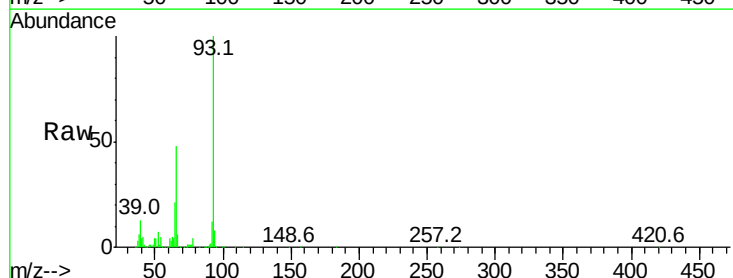
RT: 6.66 min Scan# 735

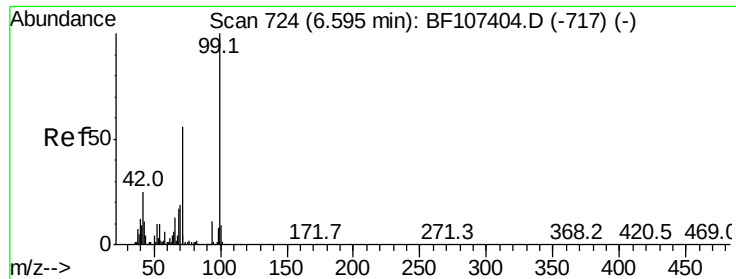
Delta R.T. 0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion:	93	Resp:	363181
Ion Ratio	Lower	Upper	
93	100		
66	48.1	32.2	48.2
65	21.5	16.4	24.6





#7

Phenol-d6

Concen: 106.245 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion: 99 Resp: 1338473

Ion Ratio Lower Upper

99 100

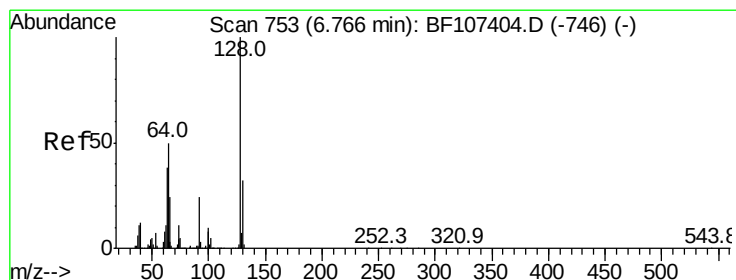
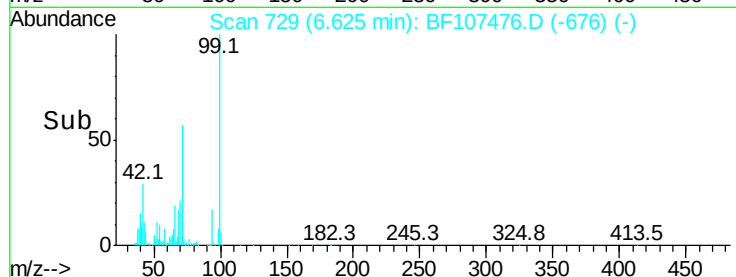
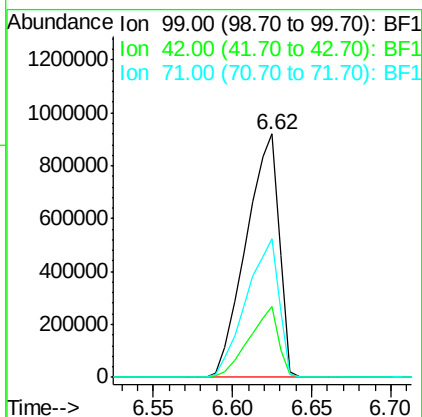
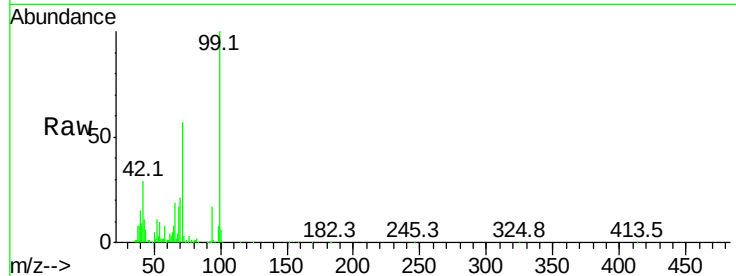
42 29.0 14.5 21.7#

71 57.2 25.4 38.0#

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#8

2-Chlorophenol

Concen: 38.320 ng

RT: 6.78 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

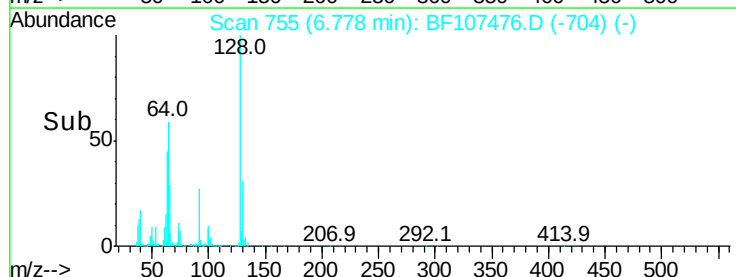
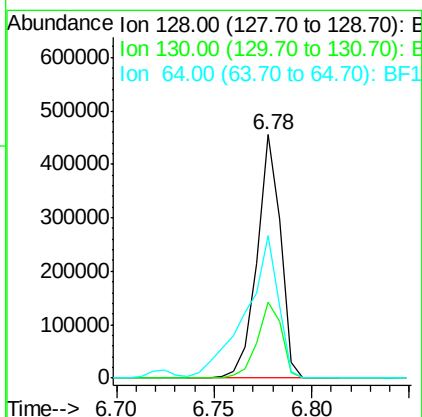
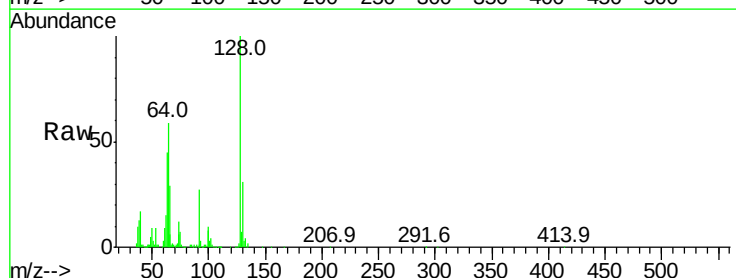
Tgt Ion: 128 Resp: 377616

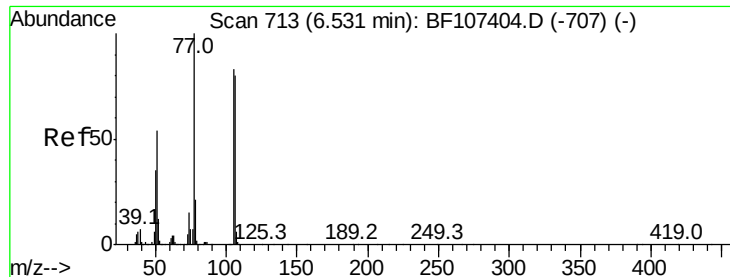
Ion Ratio Lower Upper

128 100

130 31.4 13.0 53.0

64 58.6 29.4 69.4





#9

Benzaldehyde

Concen: 21.164 ng

RT: 6.54 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

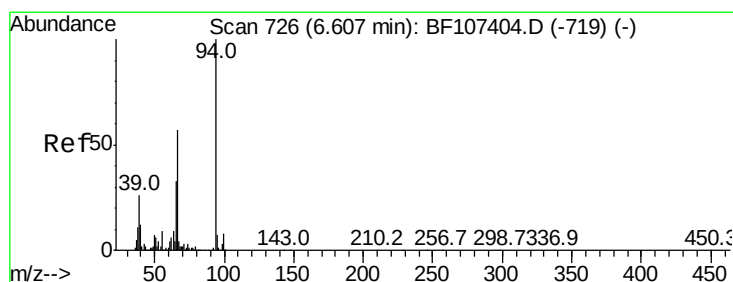
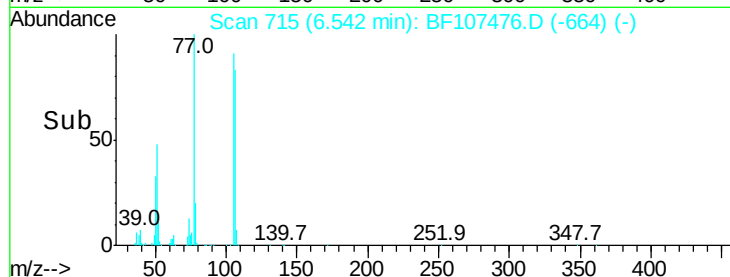
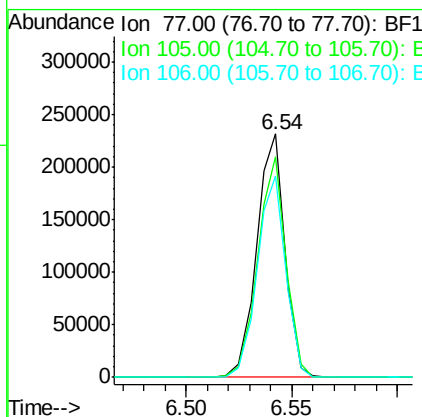
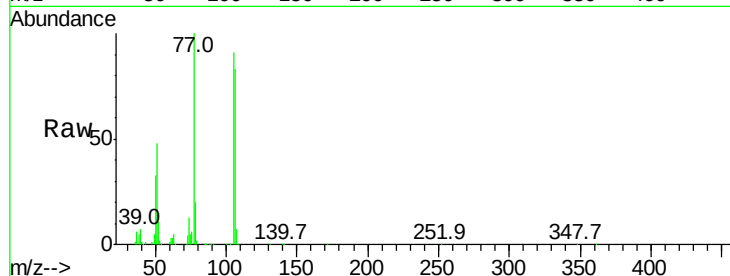
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:	77	Resp:	214484
Ion Ratio	Lower	Upper	
77	100		
105	90.9	81.1	121.1
106	83.0	74.5	114.5

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#10

Phenol

Concen: 39.745 ng

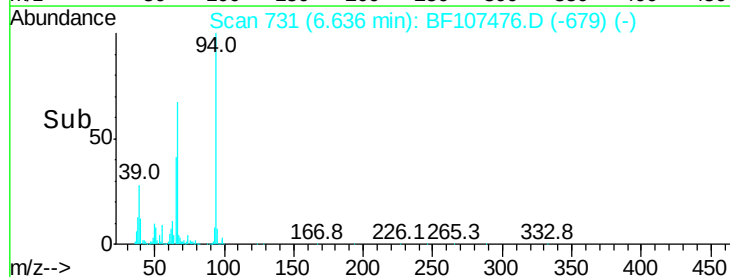
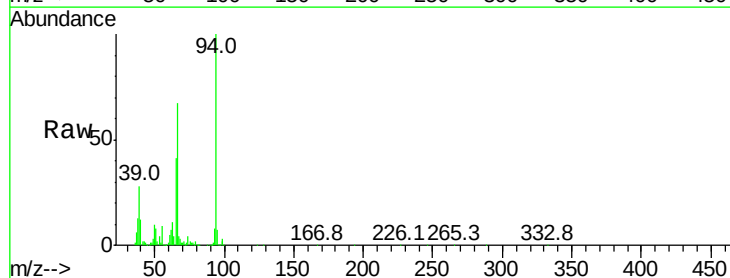
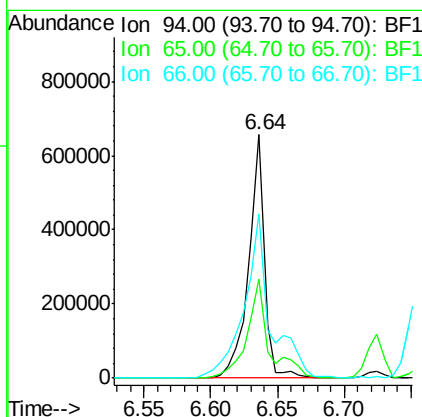
RT: 6.64 min Scan# 731

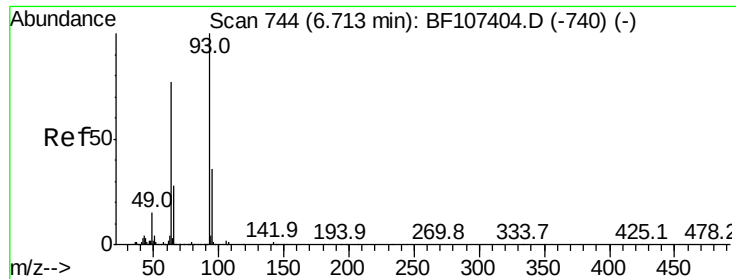
Delta R.T. 0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion:	94	Resp:	536800
Ion Ratio	Lower	Upper	
94	100		
65	40.8	7.9	47.9
66	67.2	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 34.197 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

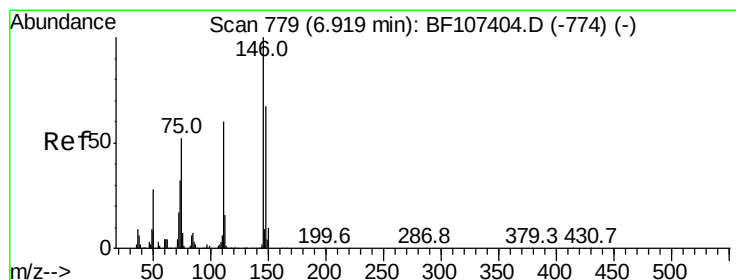
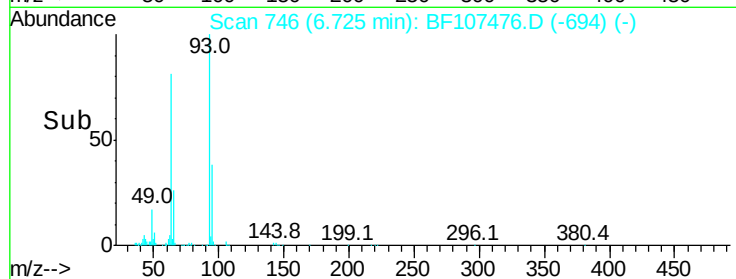
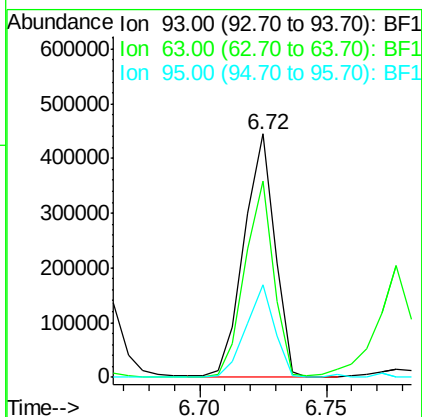
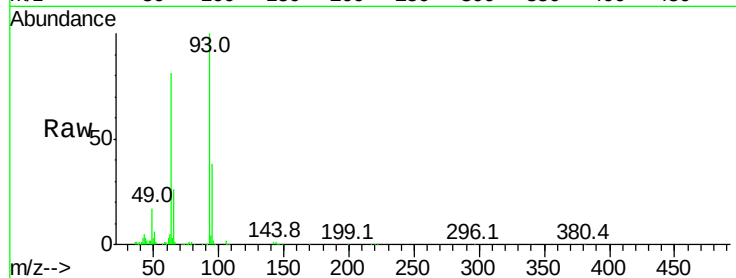
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	58.6	98.6
95	38.1	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 36.400 ng

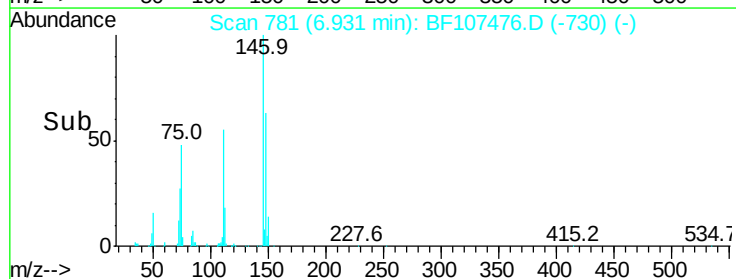
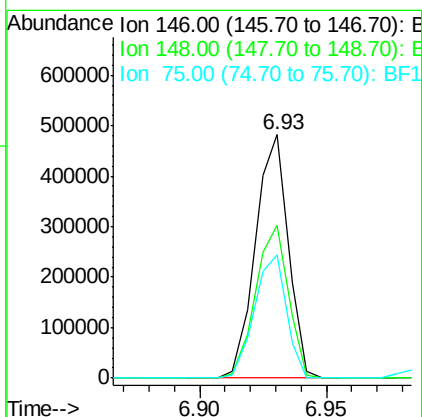
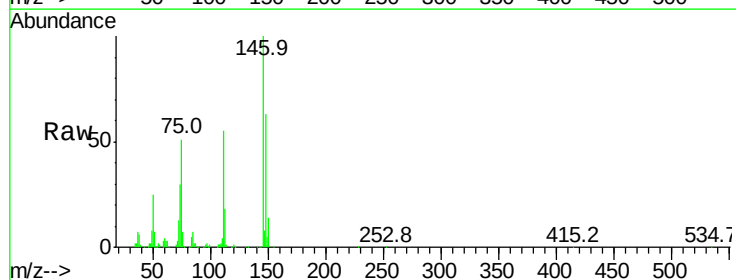
RT: 6.93 min Scan# 781

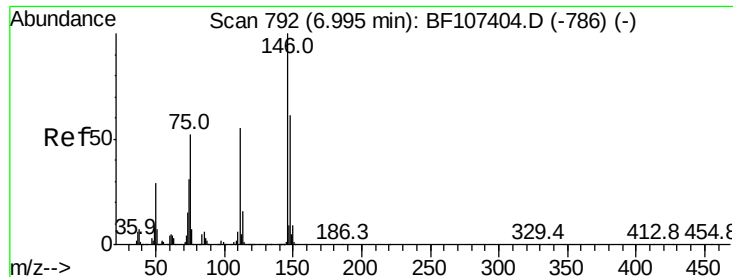
Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.8
75	50.7	24.2	36.4#





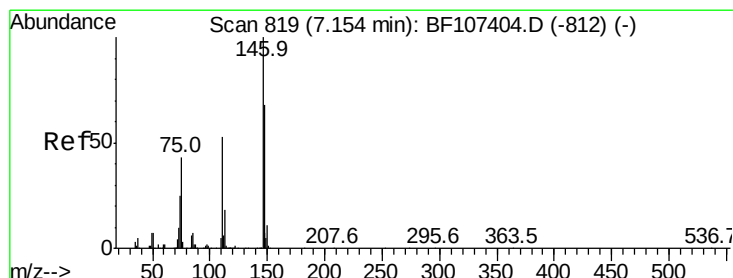
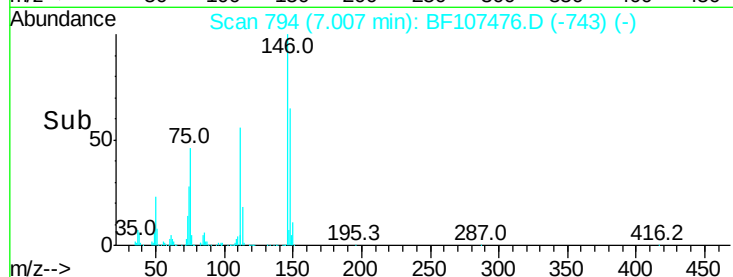
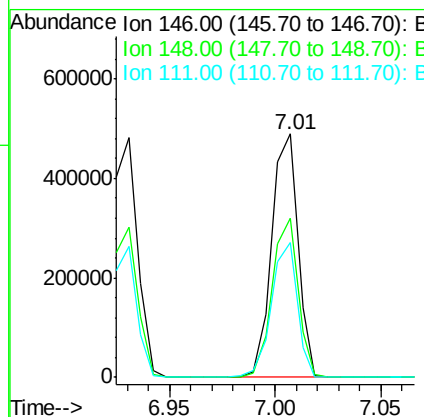
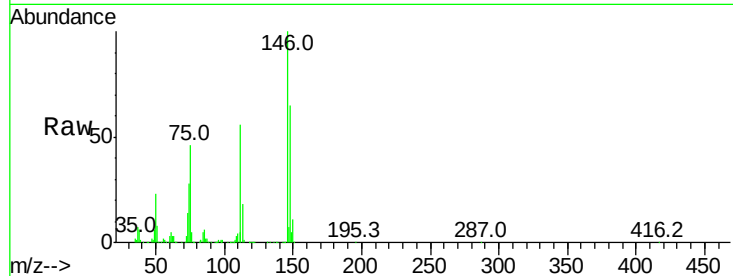
#13
1,4-Dichlorobenzene
Concen: 35.982 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.8	76.2
111	55.5	34.2	51.2

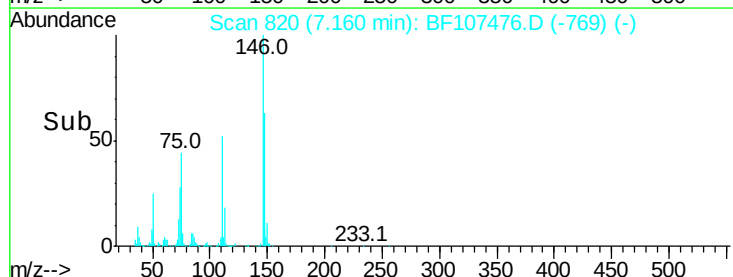
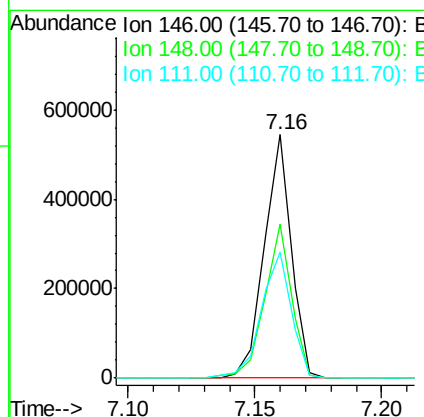
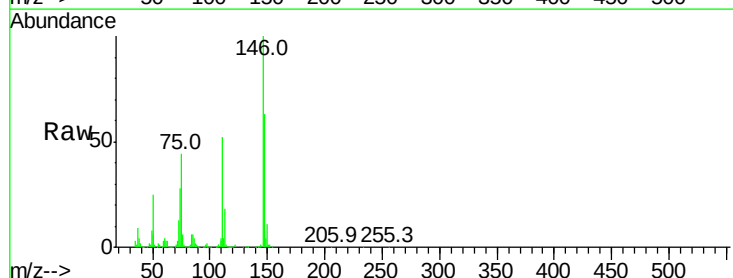
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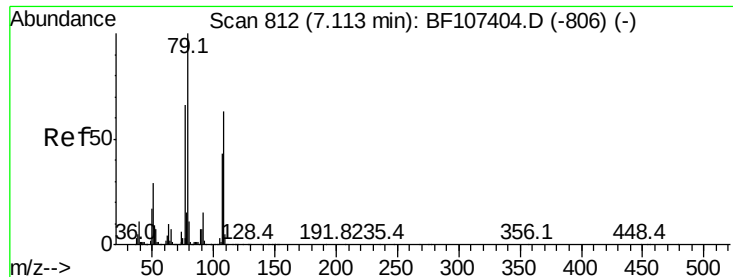
Sohil
7/19/2018 11:49:34 AM



#14
1,2-Dichlorobenzene
Concen: 36.799 ng
RT: 7.16 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	51.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.069 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion: 79 Resp: 481639

Ion Ratio Lower Upper

79 100

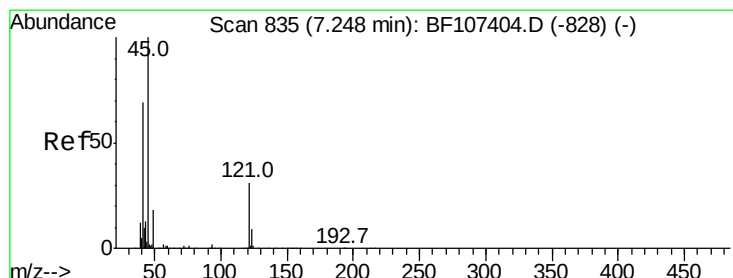
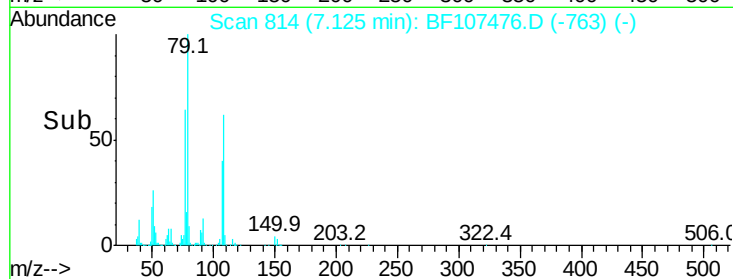
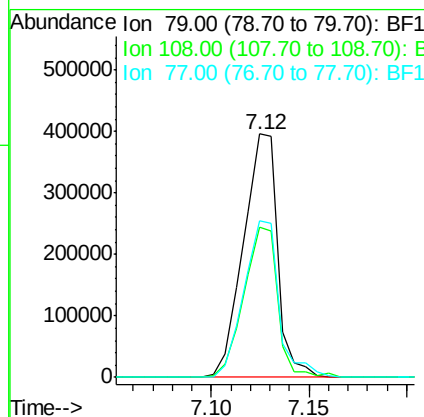
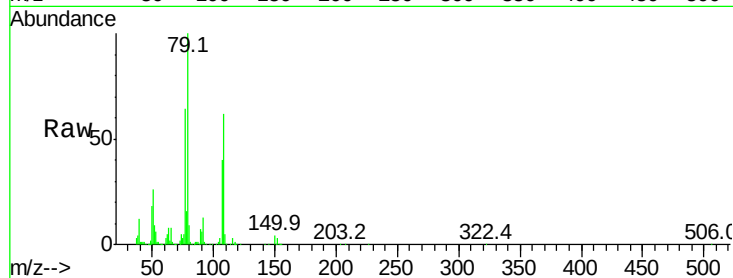
108 61.8 65.1 97.7#

77 64.1 50.6 75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.433 ng

RT: 7.25 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

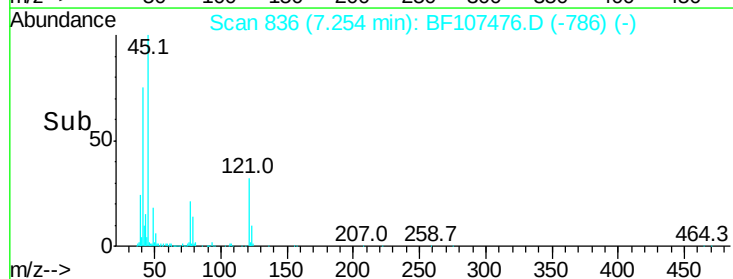
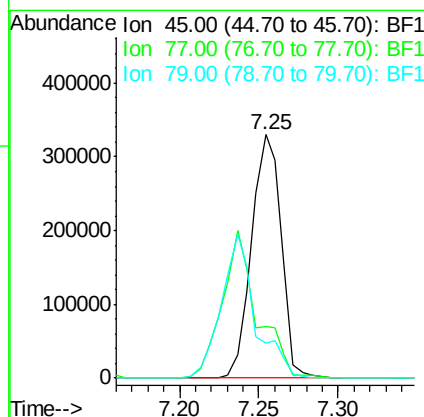
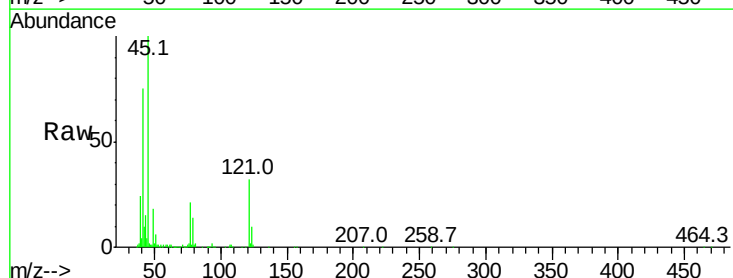
Tgt Ion: 45 Resp: 428504

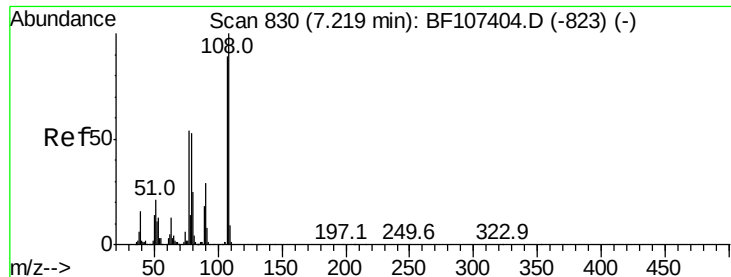
Ion Ratio Lower Upper

45 100

77 21.4 0.0 32.9

79 14.4 0.0 29.6





#17

2-Methylphenol

Concen: 39.628 ng

RT: 7.24 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:107 Resp: 371288

Ion Ratio Lower Upper

107 100

108 107.0 91.7 137.5

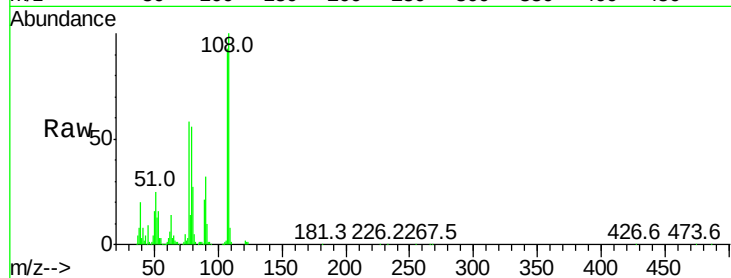
77 61.9 33.8 50.8#

79 59.8 33.8 50.8#

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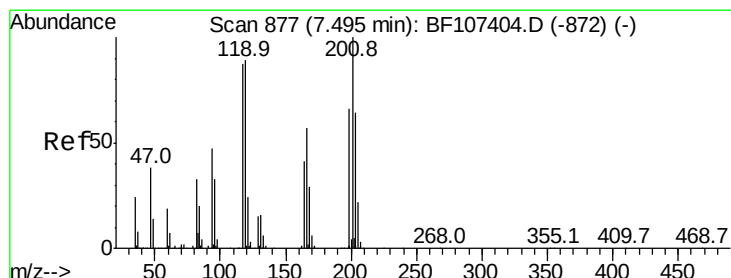
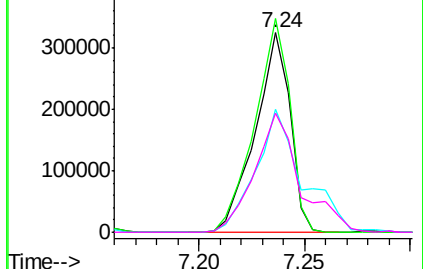
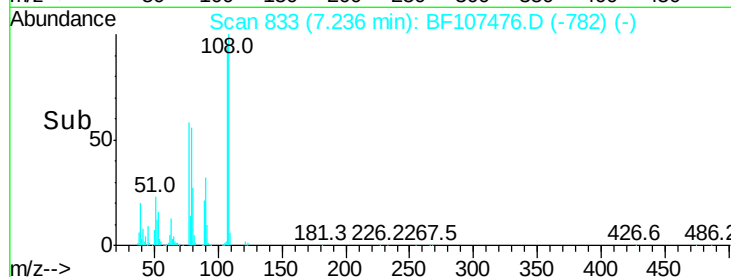


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.754 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

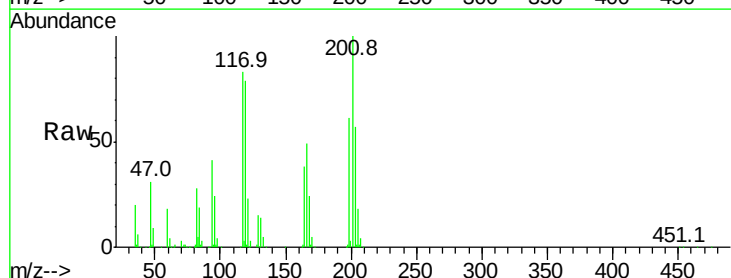
Tgt Ion:117 Resp: 171009

Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.8

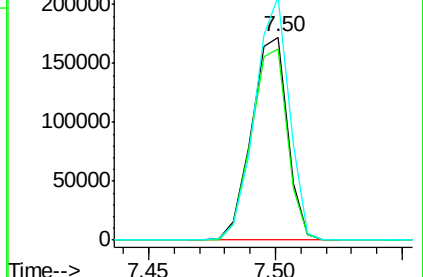
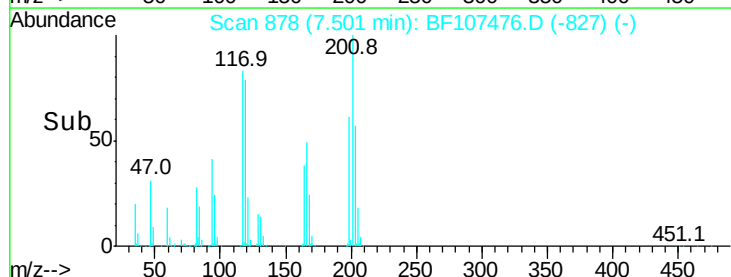
201 119.8 75.7 113.5#

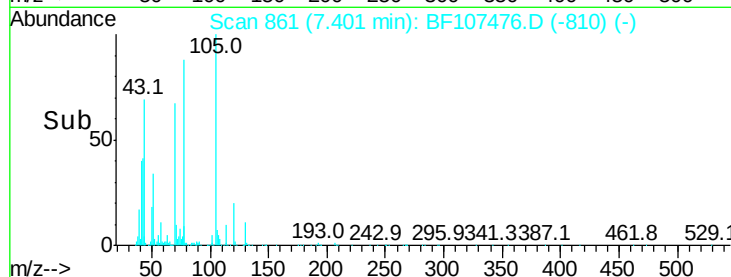
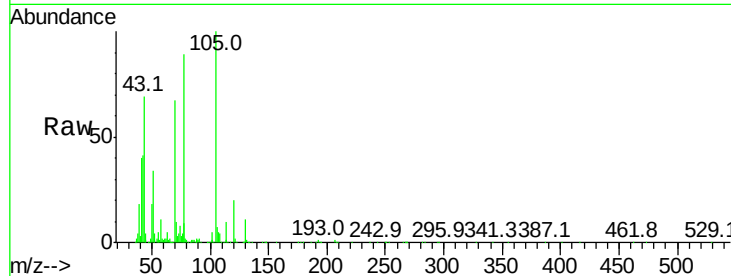
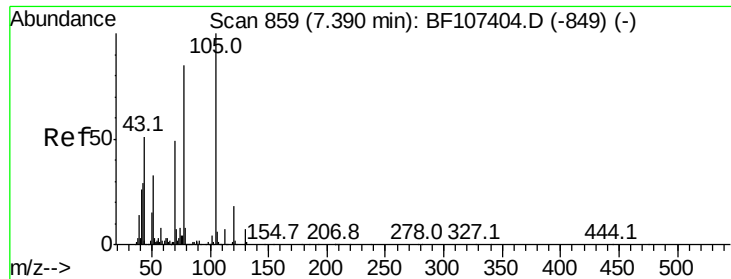


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





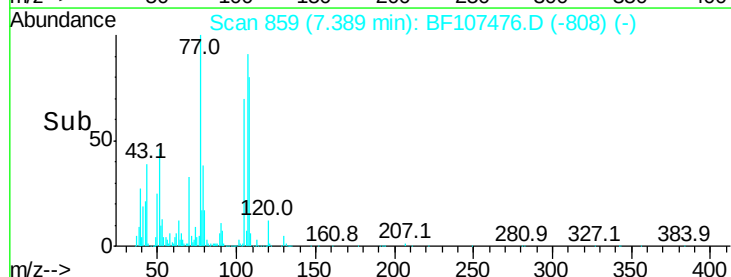
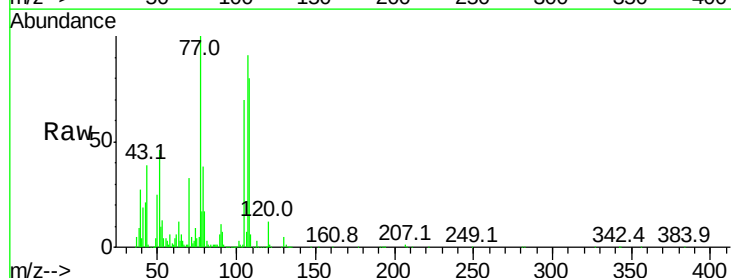
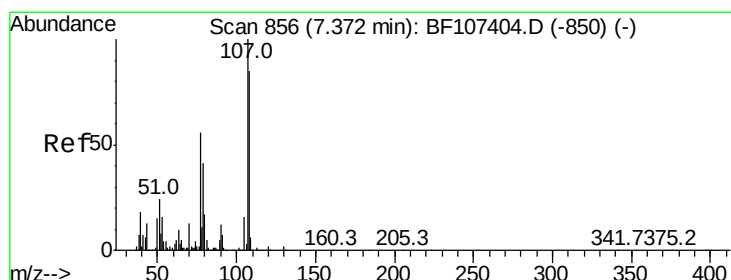
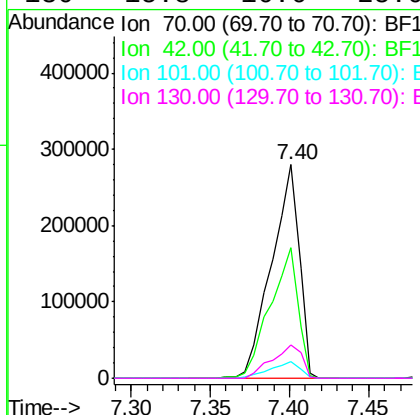
#19
n-Nitroso-di-n-propylamine
Concen: 37.952 ng
RT: 7.40 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.0	47.5	71.3	
101	8.0	7.4	11.2	
130	15.8	16.6	25.0	#

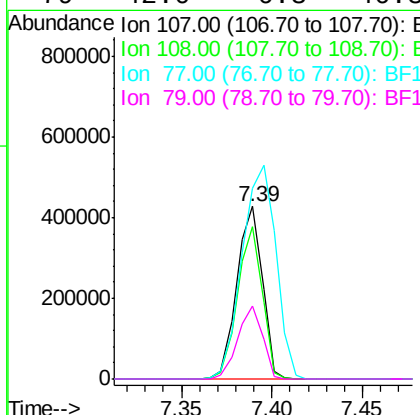
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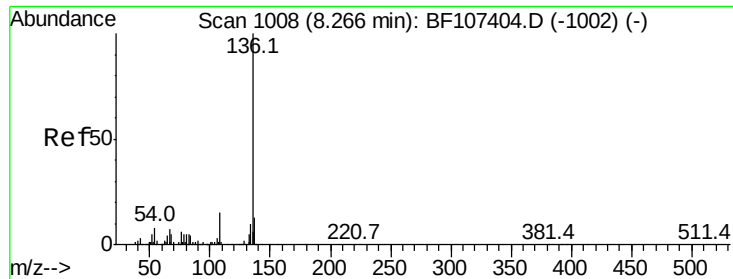
Sohil
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#20
3+4-Methylphenols
Concen: 35.175 ng
RT: 7.39 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	68.2	108.2	
77	110.5	26.7	66.7	#
79	42.0	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

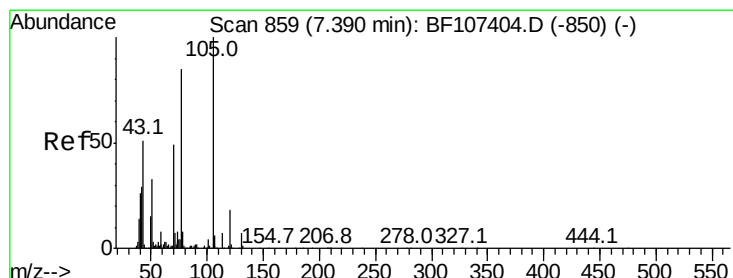
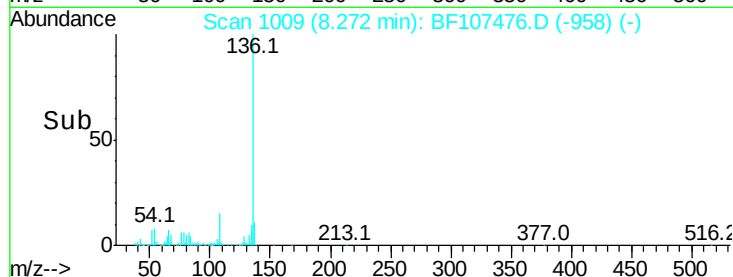
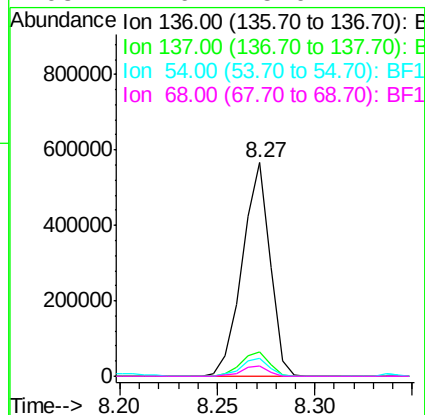
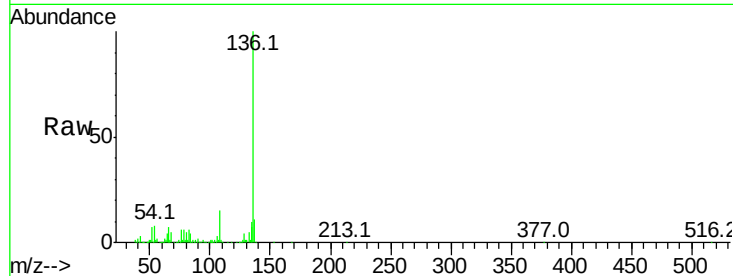
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.2	6.6	9.8
68	4.6	5.0	7.4#

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#22

Acetophenone

Concen: 37.536 ng

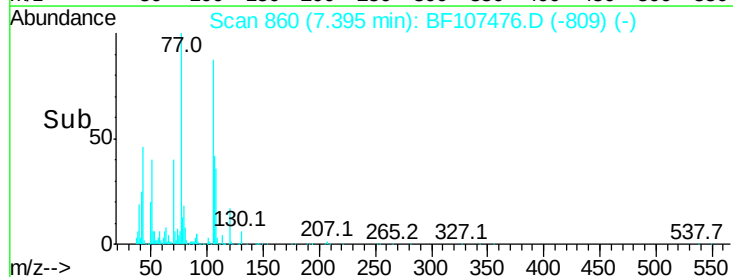
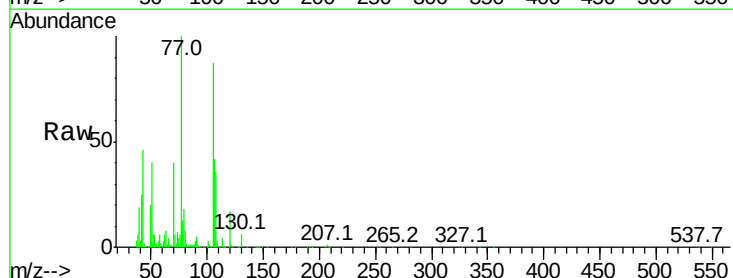
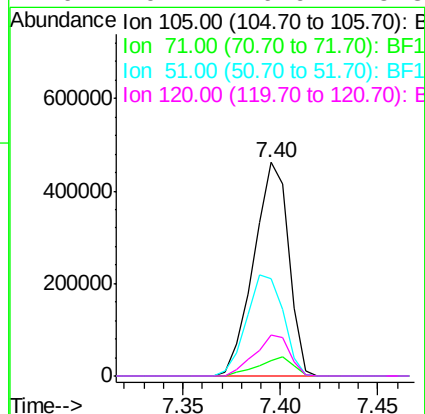
RT: 7.40 min Scan# 860

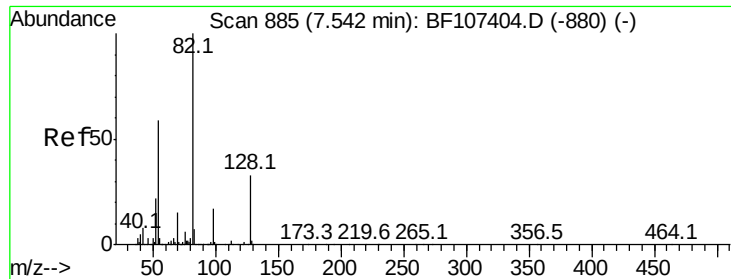
Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.3	4.4	6.6#
51	45.7	22.3	33.5#
120	19.4	16.9	25.3





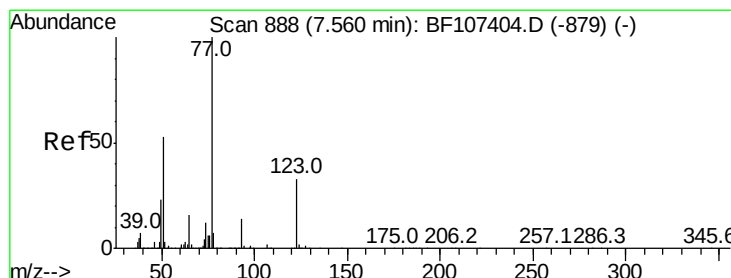
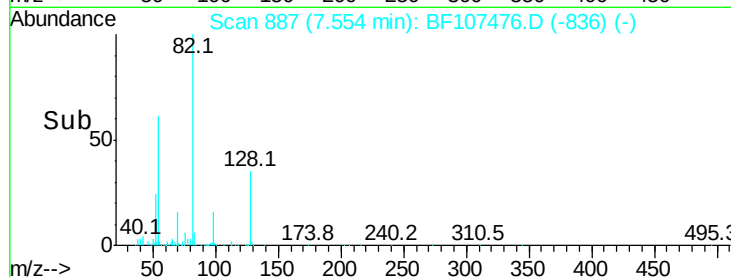
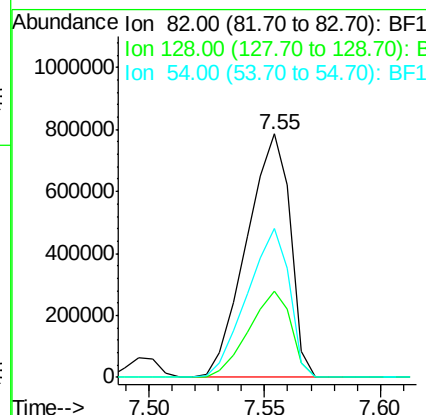
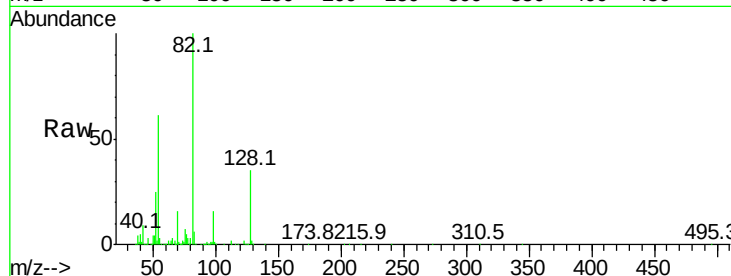
#23
Nitrobenzene-d5
Concen: 99.551 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Tot Ion: 82 Resp: 1035261
Ion Ratio Lower Upper
82 100
128 35.5 36.1 54.1#
54 61.0 41.4 62.2

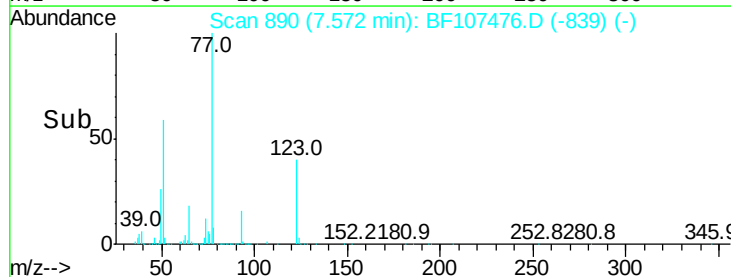
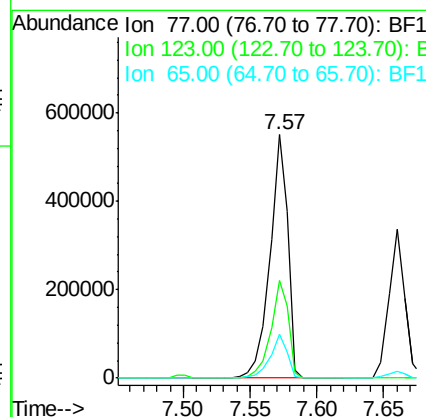
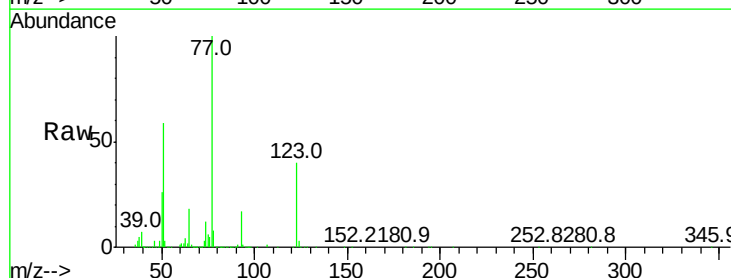
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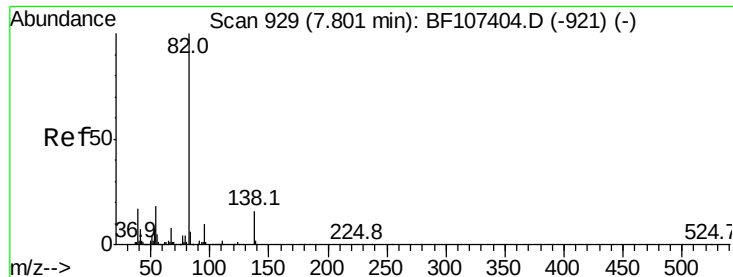
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#24
Nitrobenzene
Concen: 43.446 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Tgt Ion: 77 Resp: 507738
Ion Ratio Lower Upper
77 100
123 40.0 37.9 56.9
65 18.3 11.0 16.4#





#25

Isophorone

Concen: 44.290 ng

RT: 7.81 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

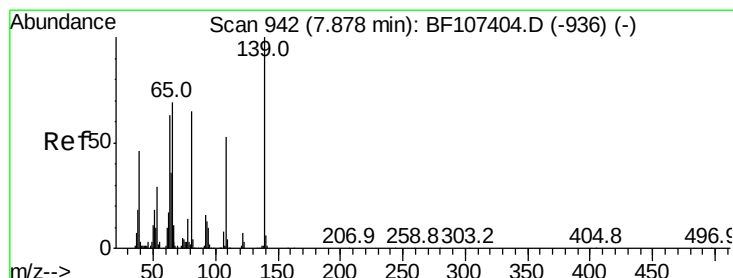
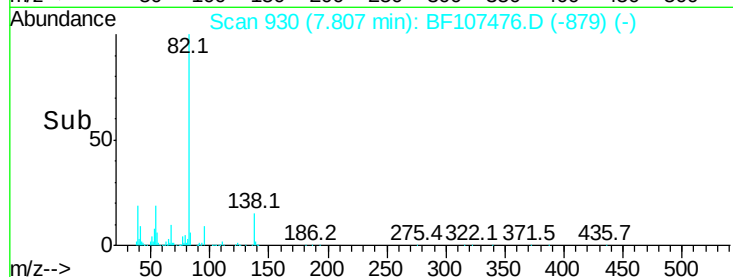
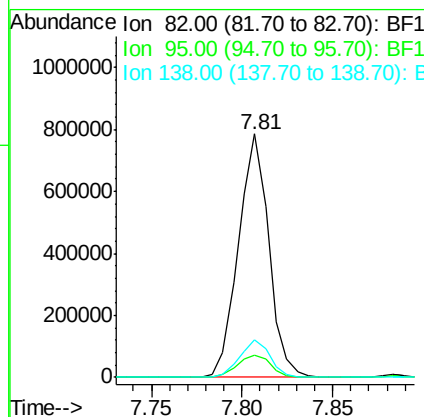
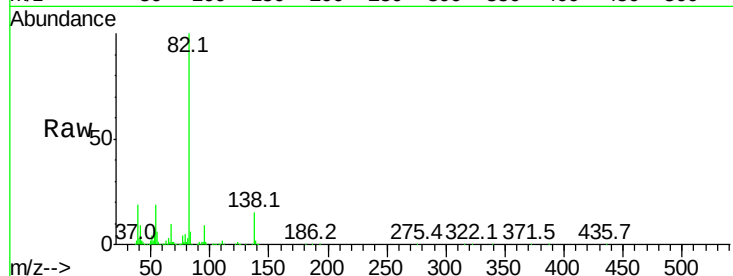
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:	82	Resp:	912930
Ion Ratio	Lower	Upper	
82	100		
95	9.3	5.2	7.8#
138	15.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.675 ng

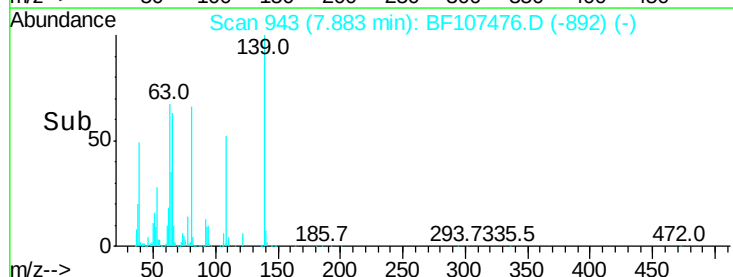
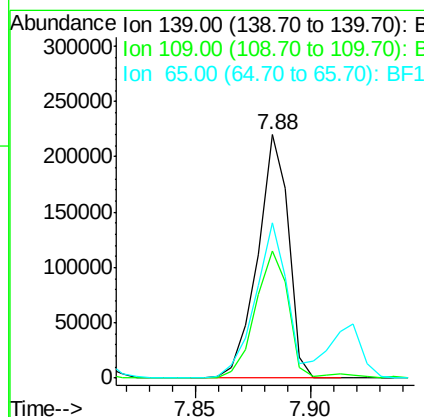
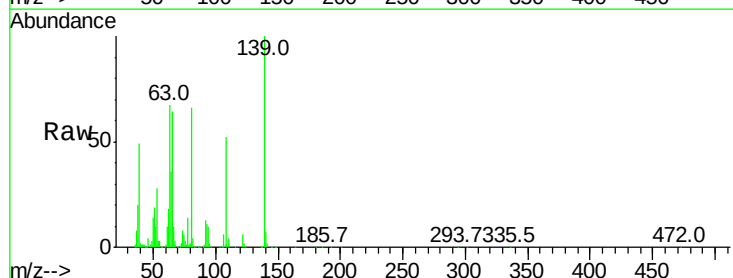
RT: 7.88 min Scan# 943

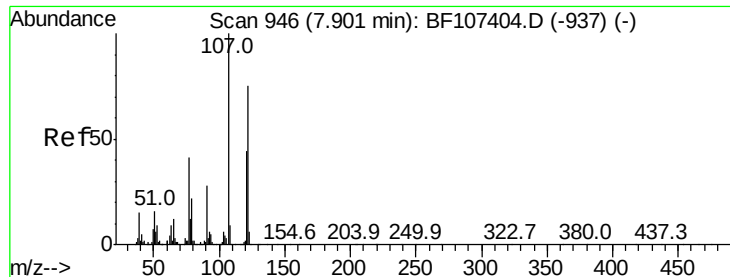
Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion:	139	Resp:	205291
Ion Ratio	Lower	Upper	
139	100		
109	52.4	22.7	34.1#
65	64.0	40.5	60.7#





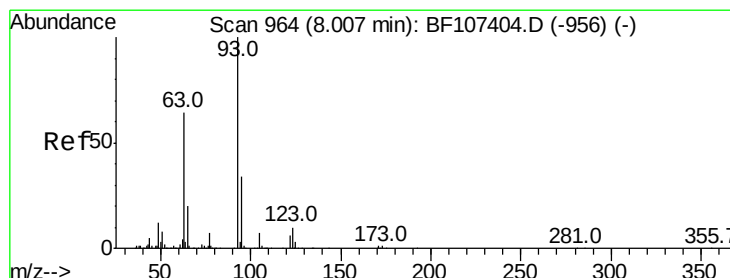
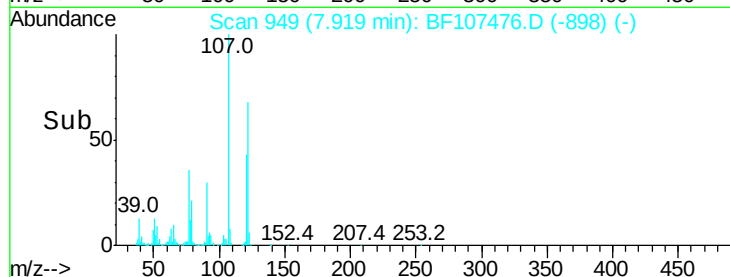
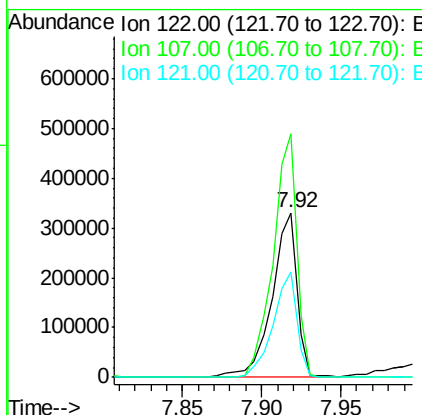
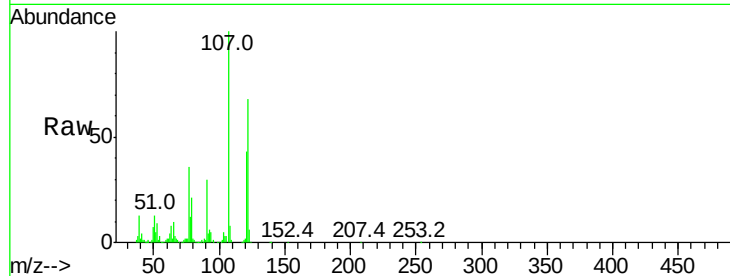
#27
 2,4-Dimethylphenol
 Concen: 44.105 ng
 RT: 7.92 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	147.9	91.2	136.8#
121	64.2	47.2	70.8

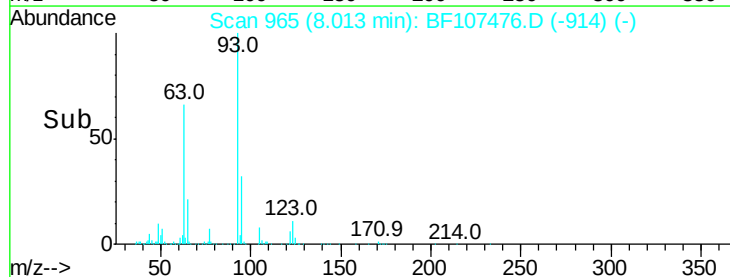
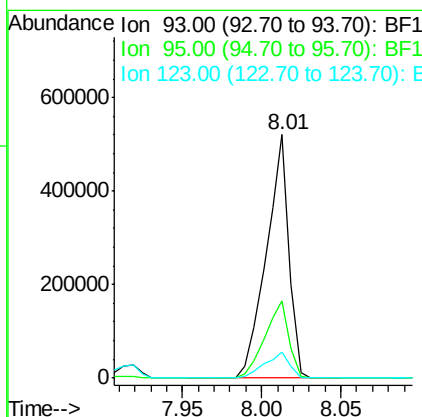
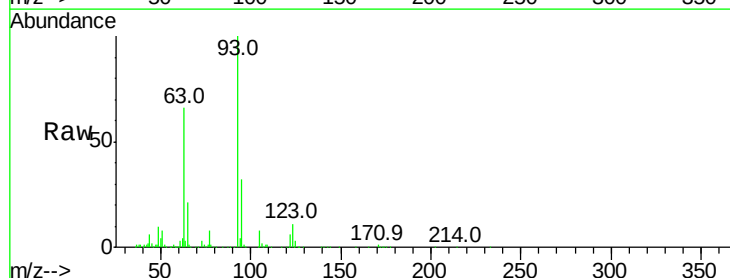
Manual Integrations
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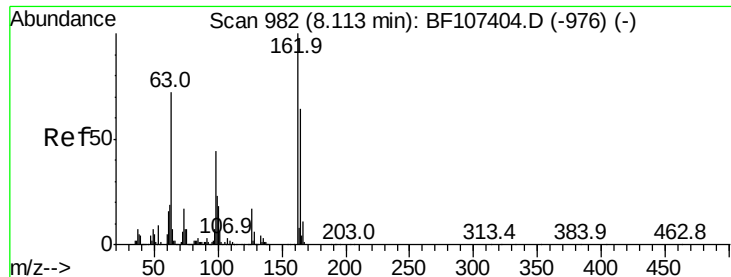
Sohil
 7/19/2018 11:49:34 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.209 ng
 RT: 8.01 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.3	39.5
123	10.6	9.8	14.6





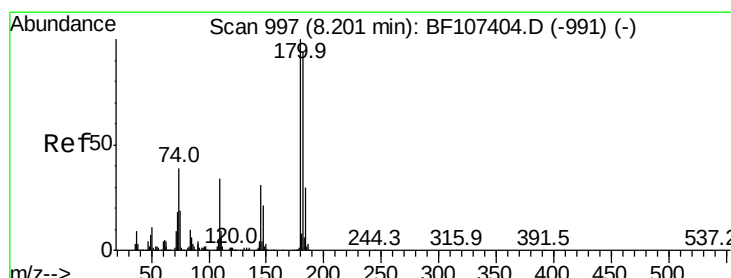
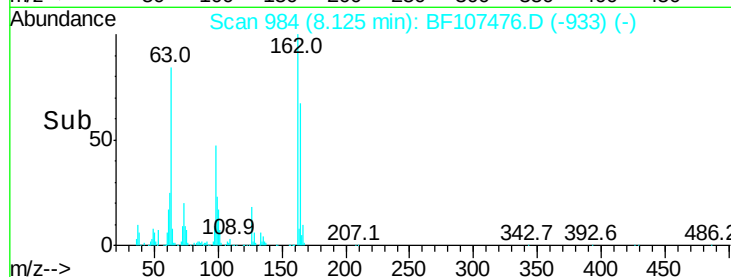
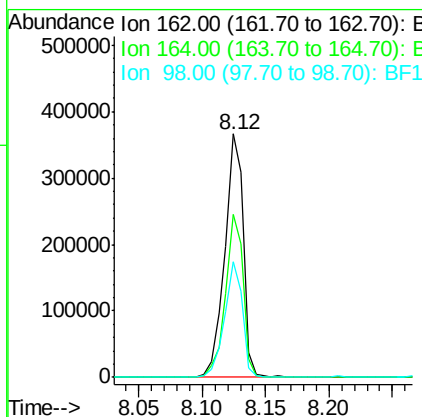
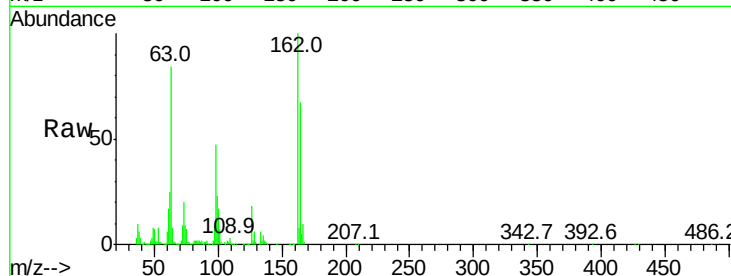
#29
 2,4-Dichlorophenol
 Concen: 42.971 ng
 RT: 8.12 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	42.7	82.7
98	47.3	18.1	58.1

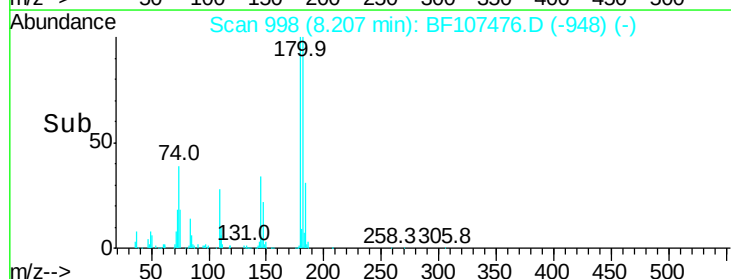
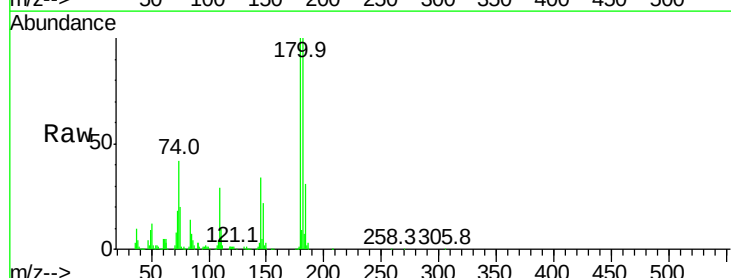
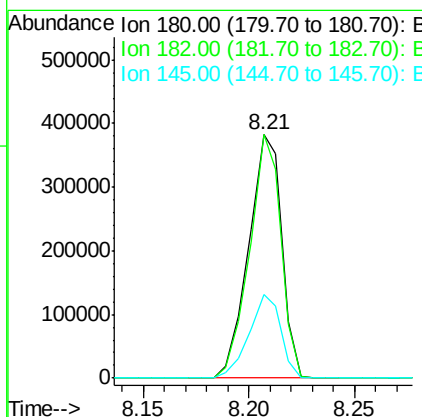
Manual Integrations
 APPROVED

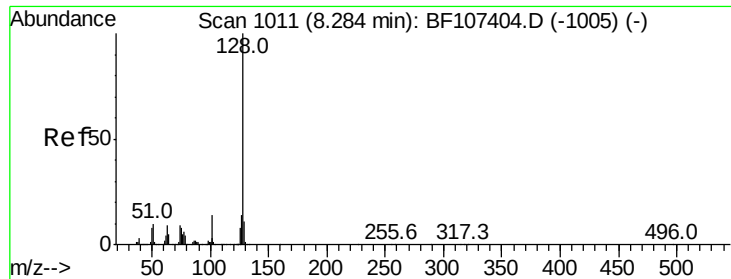
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.916 ng
 RT: 8.21 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	76.8	115.2
145	34.3	26.5	39.7





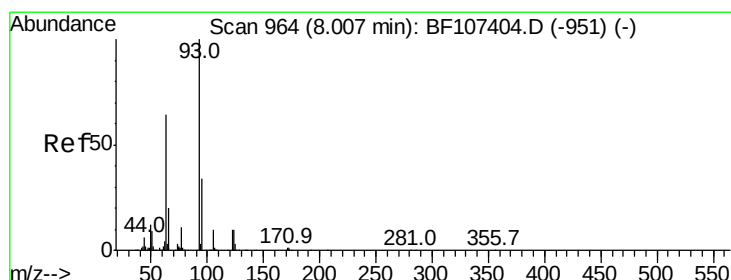
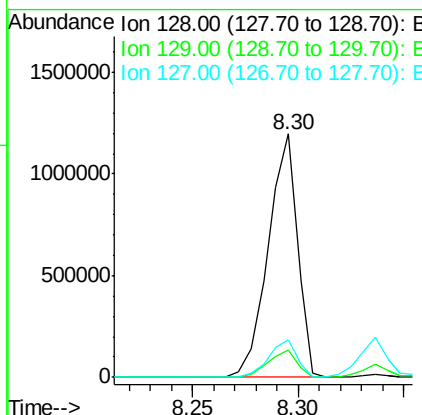
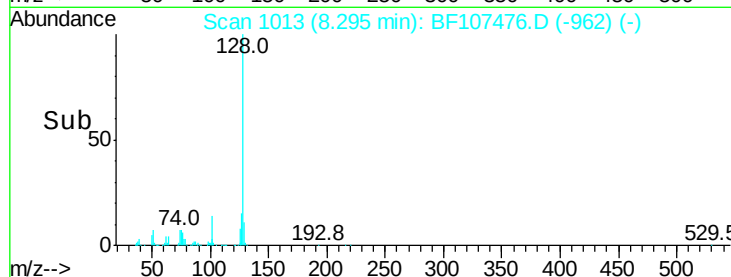
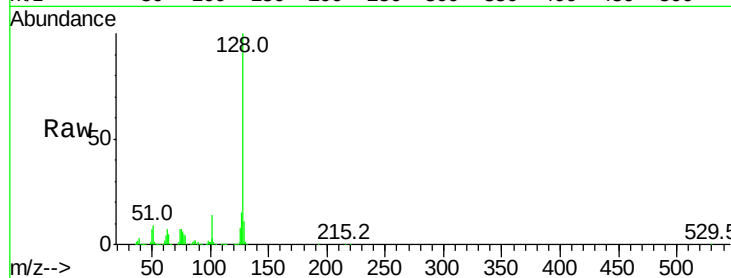
#31
Naphthalene
Concen: 42.890 ng
RT: 8.30 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Tot Ion:128 Resp: 1155278
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 15.4 10.9 16.3

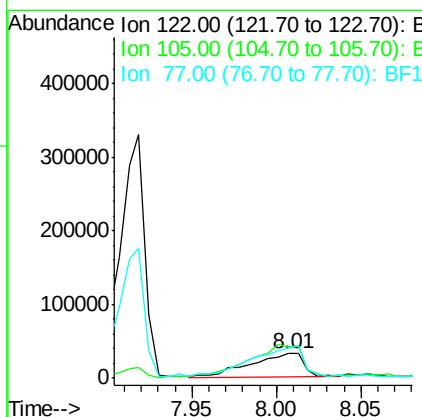
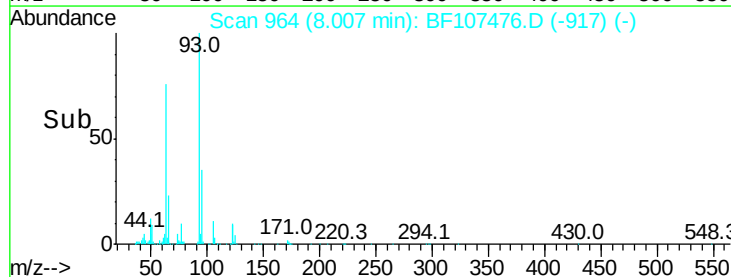
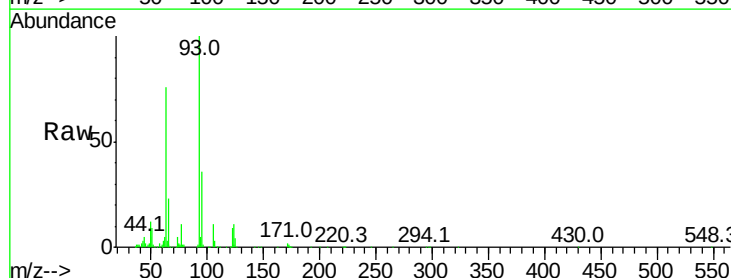
Manual Integrations
APPROVED

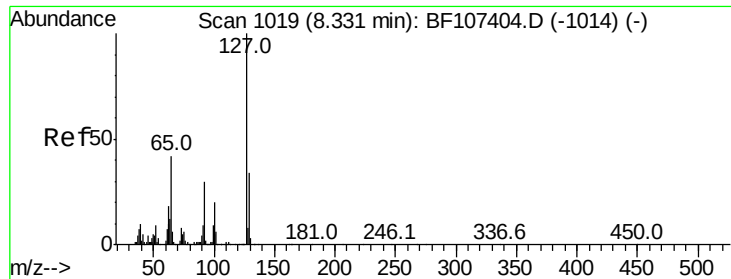
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#32
Benzoic acid
Concen: 14.034 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Tgt Ion:122 Resp: 71353
Ion Ratio Lower Upper
122 100
105 125.5 101.1 141.1
77 120.8 70.7 110.7#





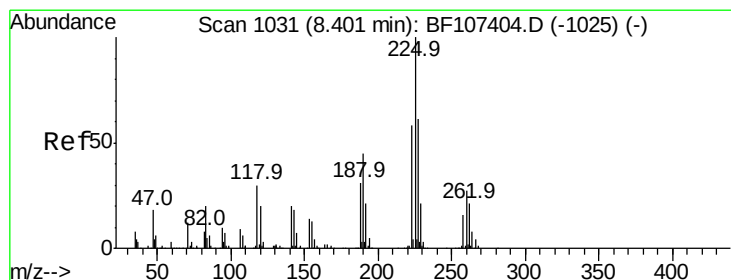
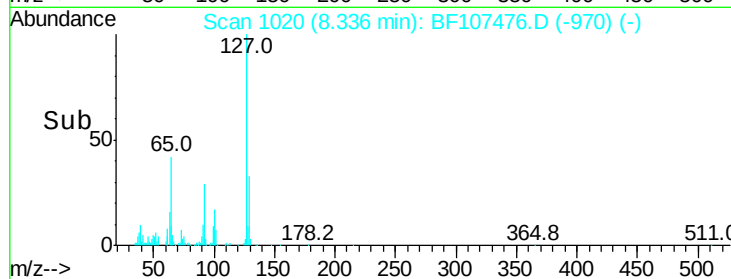
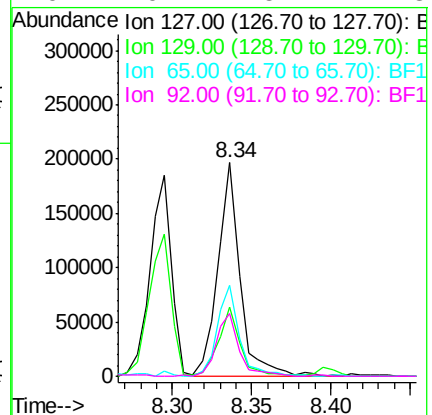
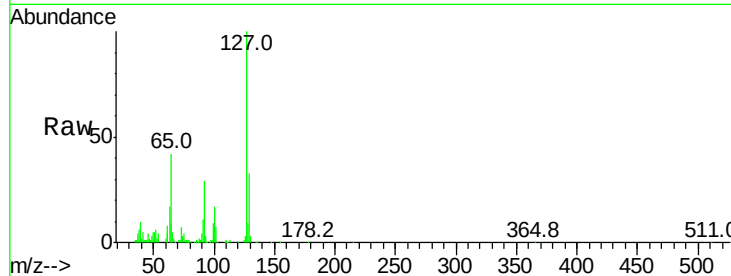
#33
4-Chloroaniline
Concen: 16.354 ng
RT: 8.34 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		190779		
129	32.6	25.9	38.9		
65	42.3	25.0	37.4		
92	29.1	15.2	22.8		

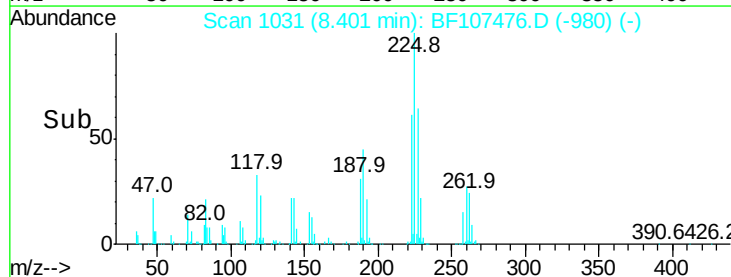
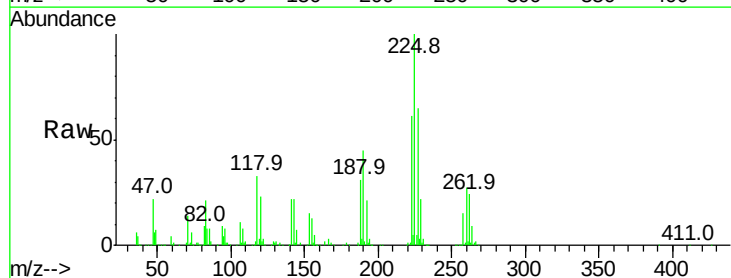
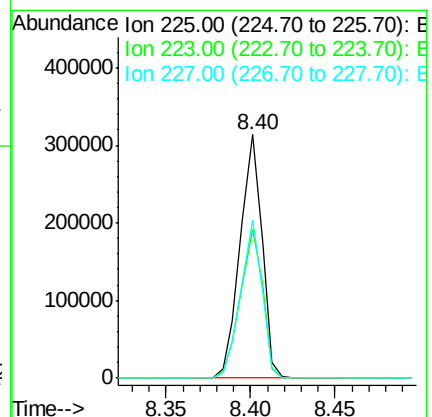
Manual Integrations
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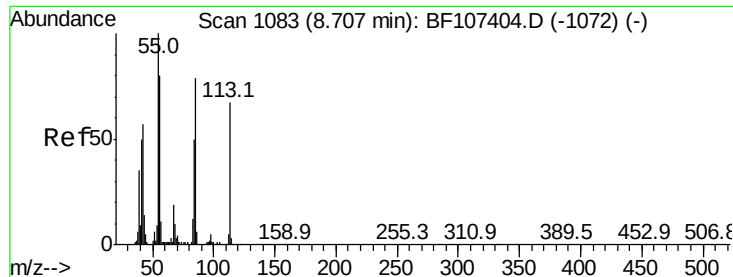
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#34
Hexachlorobutadiene
Concen: 40.500 ng
RT: 8.40 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		282904		
223	61.1	50.6	76.0		
227	64.6	51.9	77.9		





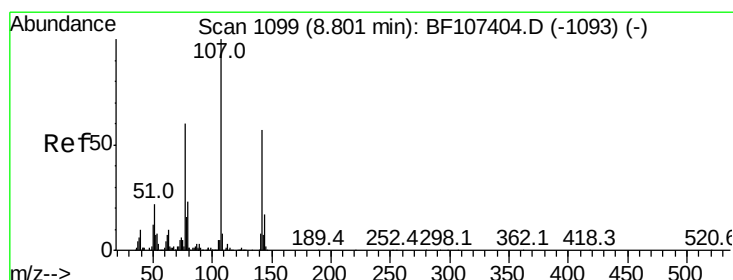
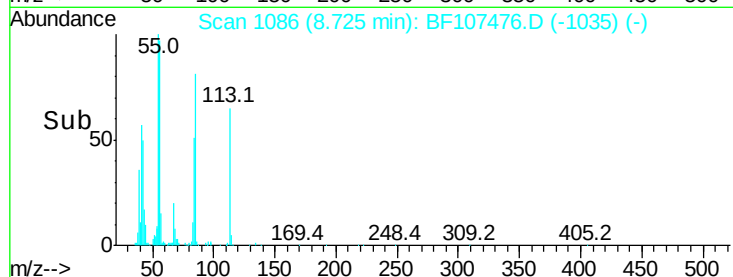
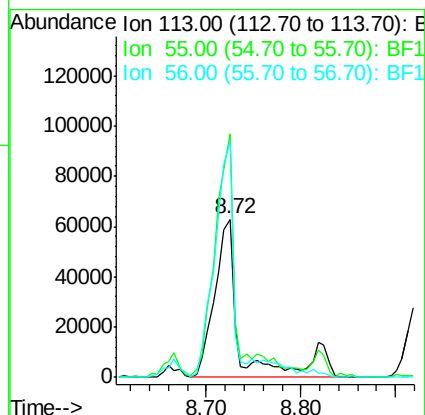
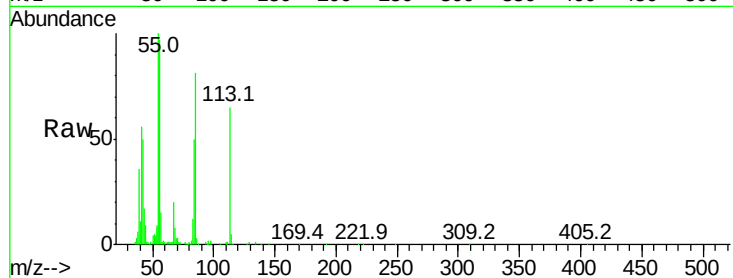
#35
 Caprolactam
 Concen: 42.273 ng/ml
 RT: 8.72 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.7	163.3	203.3#
56	148.8	115.7	155.7

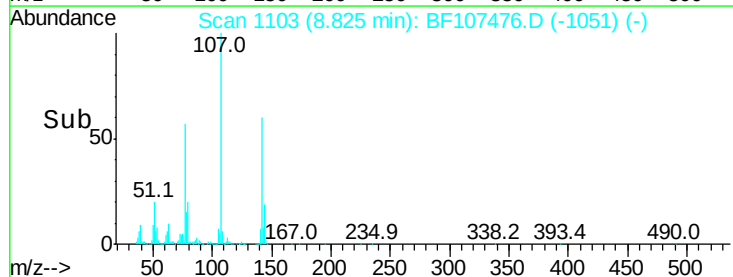
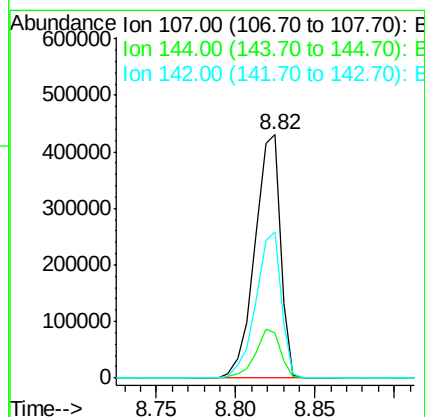
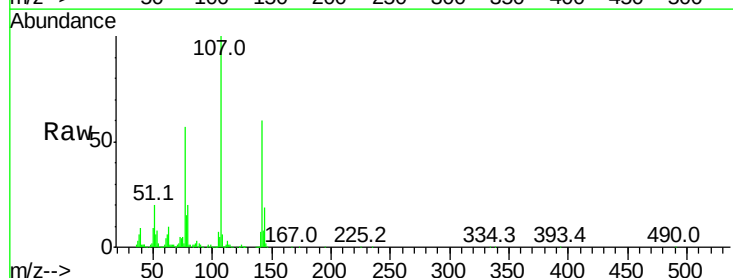
Manual Integrations
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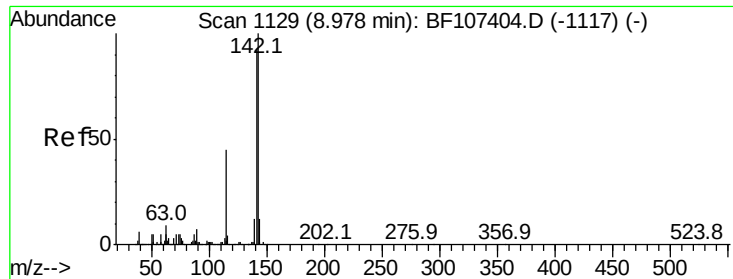
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#36
 4-Chloro-3-methylphenol
 Concen: 43.204 ng/ml
 RT: 8.82 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	18.5	20.5	30.7#
142	60.0	62.0	93.0#





#37

2-Methylnaphthalene

Concen: 44.689 ng

RT: 8.98 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

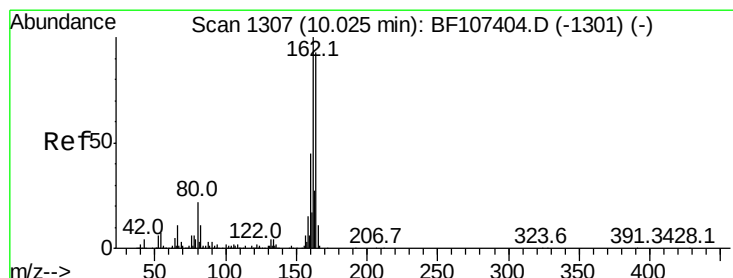
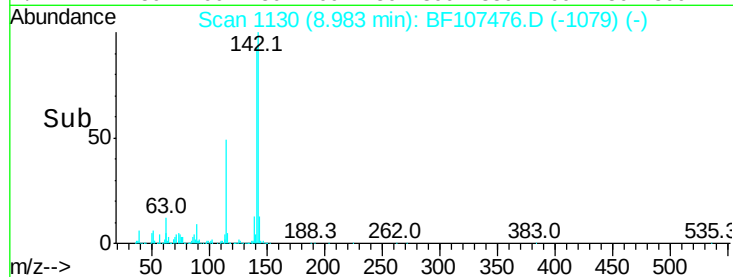
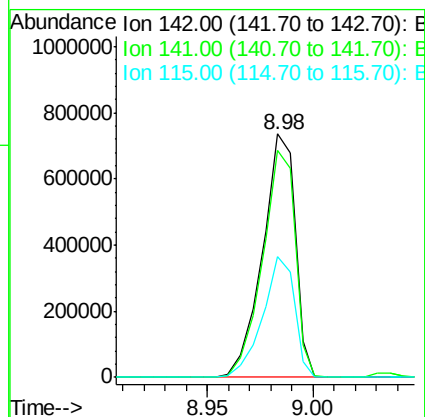
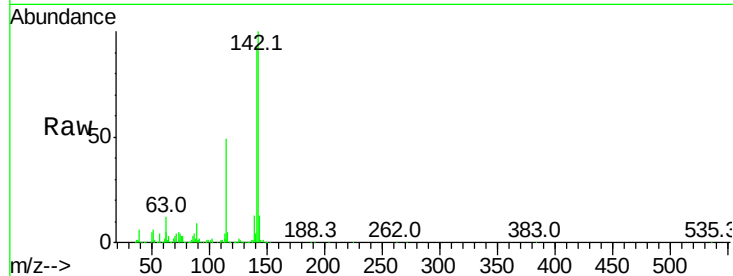
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:	142	Resp:	793447
Ion Ratio	Lower	Upper	
142	100		
141	93.4	70.8	106.2
115	49.5	26.1	39.1#

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#38

Acenaphthene-d10

Concen: 20.000 ng

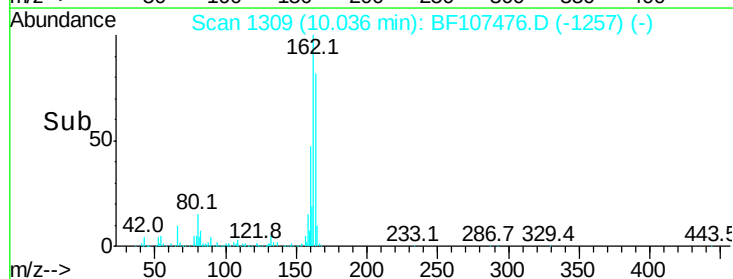
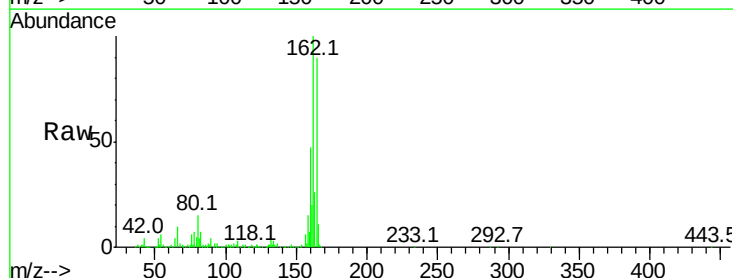
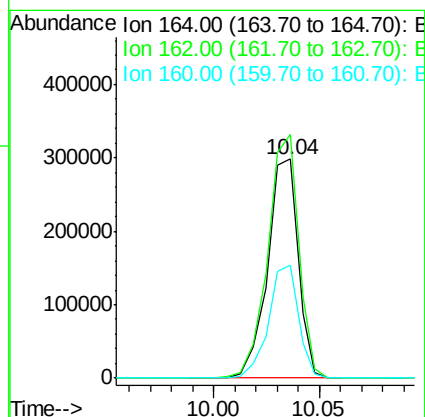
RT: 10.04 min Scan# 1309

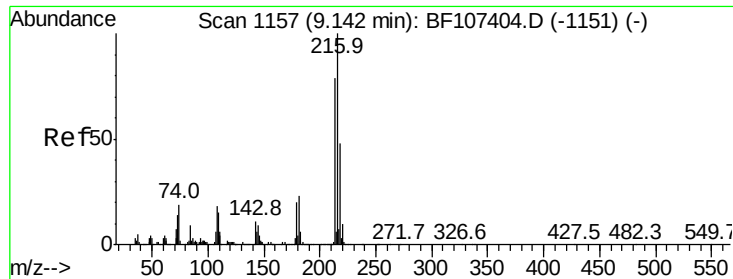
Delta R.T. 0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion:	164	Resp:	303199
Ion Ratio	Lower	Upper	
164	100		
162	111.1	86.1	129.1
160	51.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.141 ng

RT: 9.15 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

ClientSampleId :

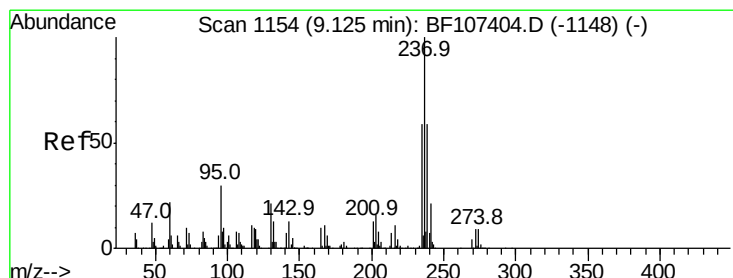
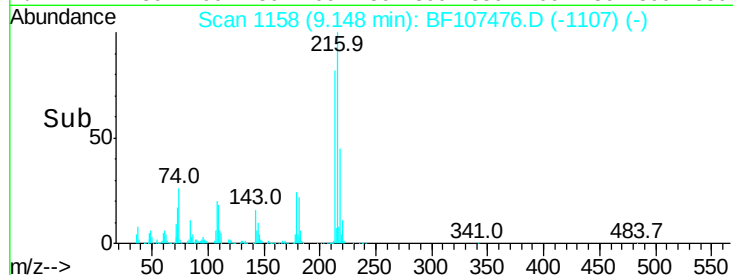
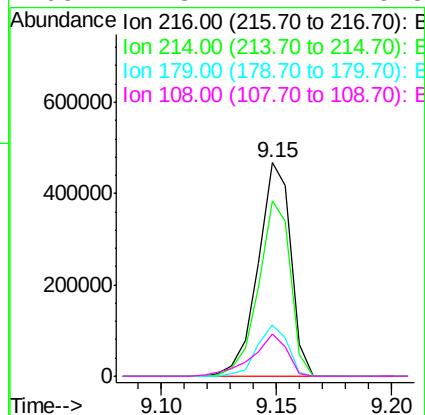
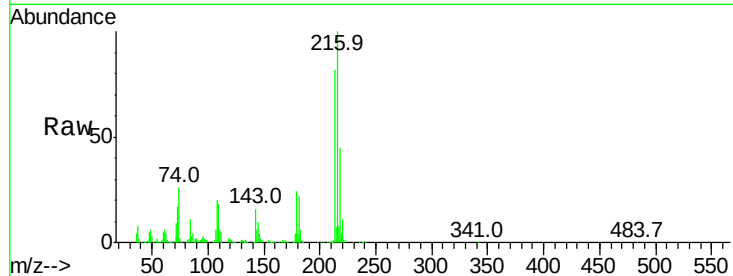
CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	461812		
214	80.1	63.0	94.4	
179	22.9	18.1	27.1	
108	21.3	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 49.505 ng

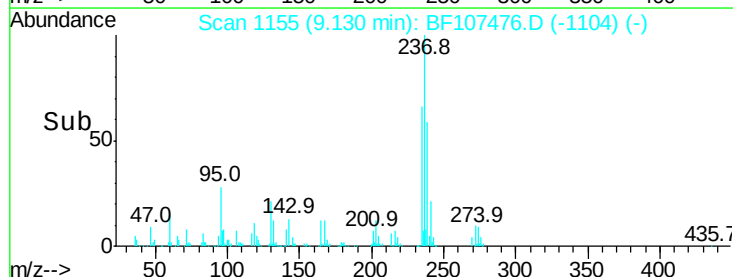
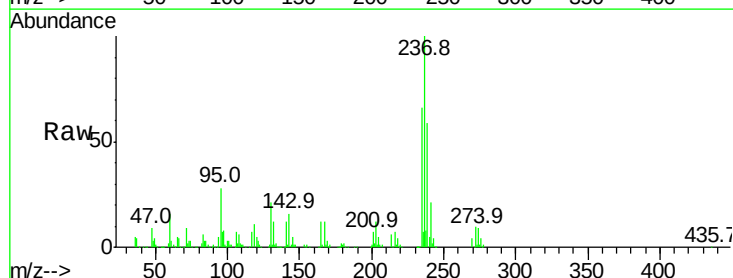
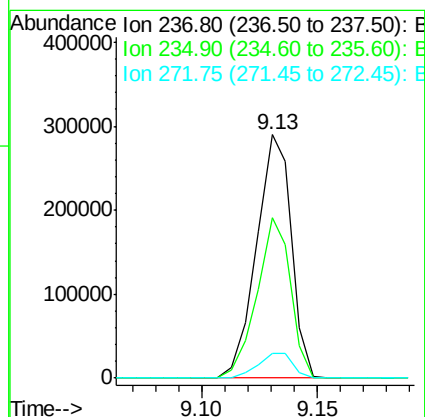
RT: 9.13 min Scan# 1155

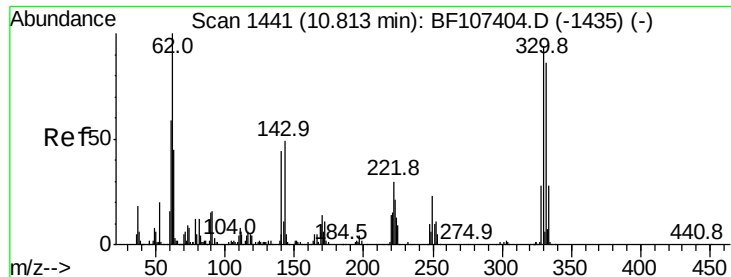
Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	305072		
235	65.7	44.8	84.8	
272	10.3	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 103.577 ng

RT: 10.83 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

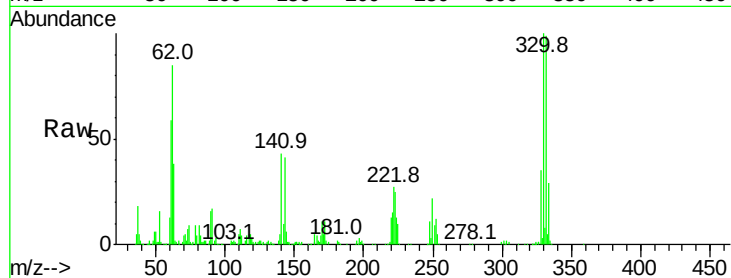
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

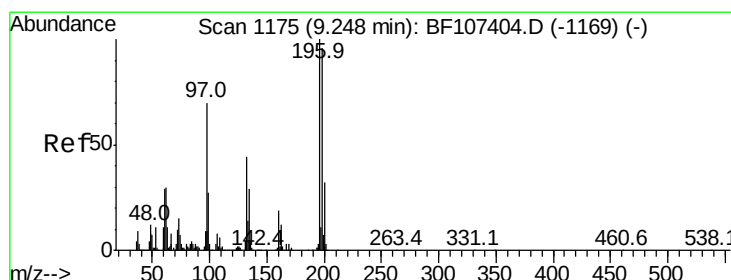
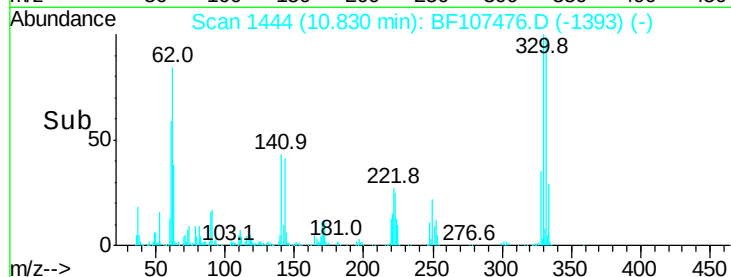
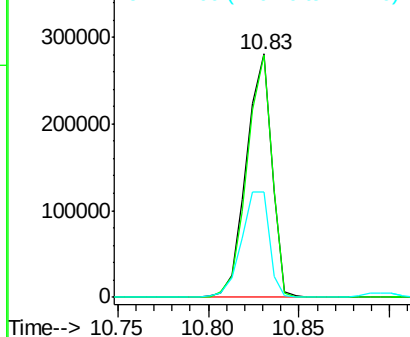
Tot Ion:	330	Resp:	275924
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.0	115.6
141	46.9	29.9	44.9#

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



#42

2,4,6-Trichlorophenol

Concen: 40.138 ng

RT: 9.27 min Scan# 1178

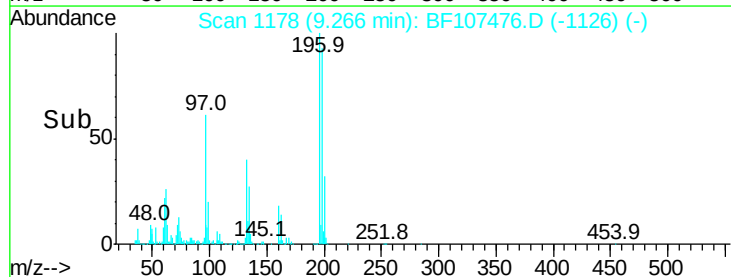
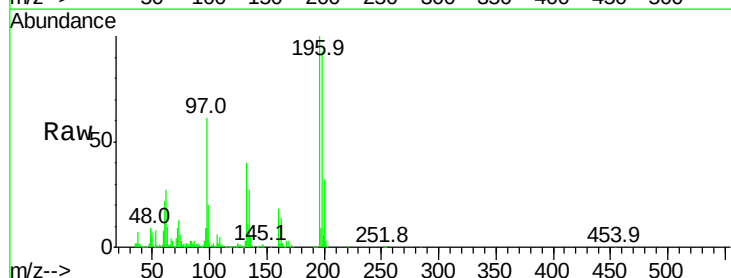
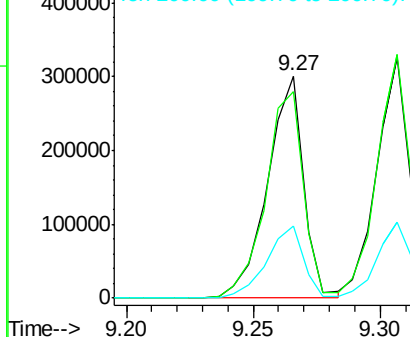
Delta R.T. 0.01 min

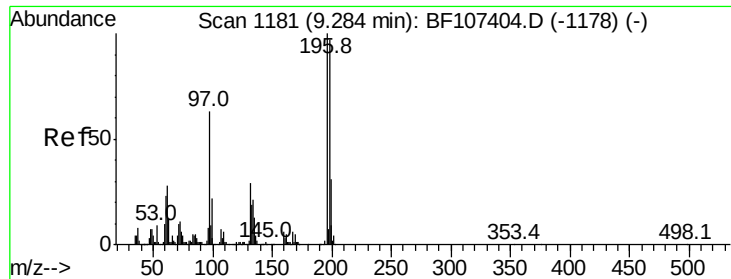
Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion:	196	Resp:	295624
Ion Ratio	Lower	Upper	
196	100		
198	93.1	75.7	113.5
200	32.3	24.5	36.7

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





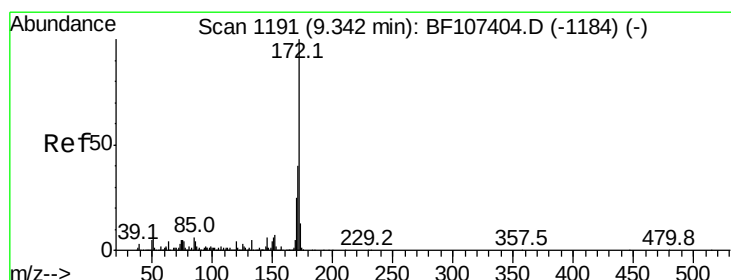
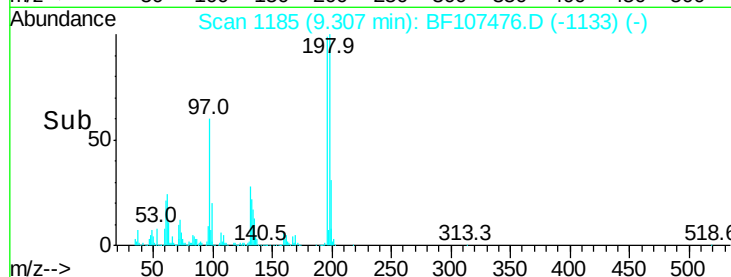
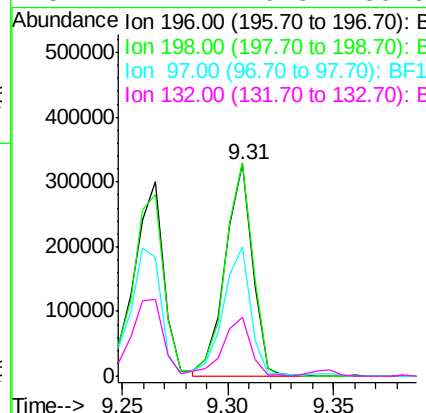
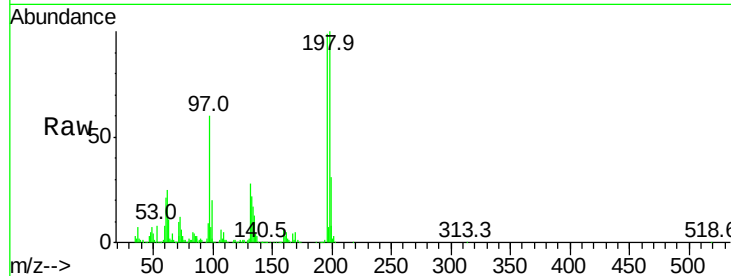
#43
 2,4,5-Trichlorophenol
 Concen: 41.735 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	294055		
198	100.7	74.6	112.0	
97	60.9	42.9	64.3	
132	27.7	26.3	39.5	

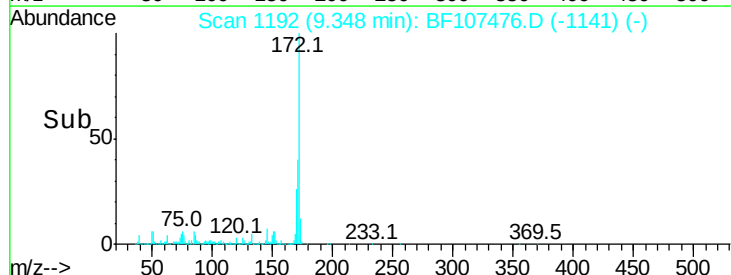
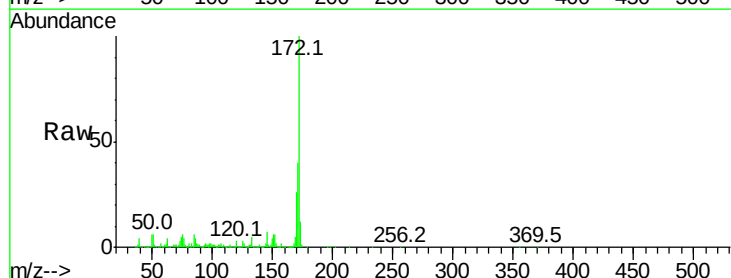
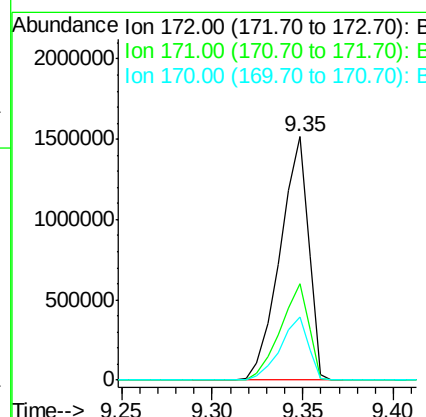
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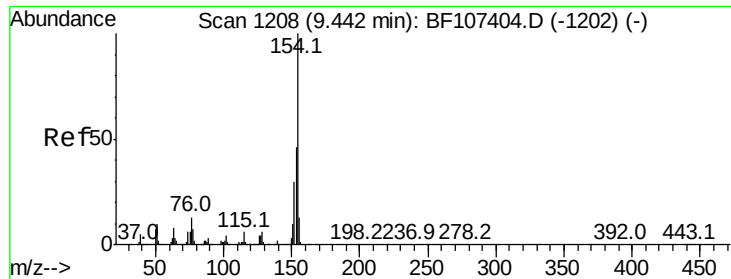
Sohil
 7/19/2018 11:49:34 AM



#44
 2-Fluorobiphenyl
 Concen: 92.146 ng
 RT: 9.35 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1659059		
171	39.8	29.7	44.5	
170	25.8	19.6	29.4	





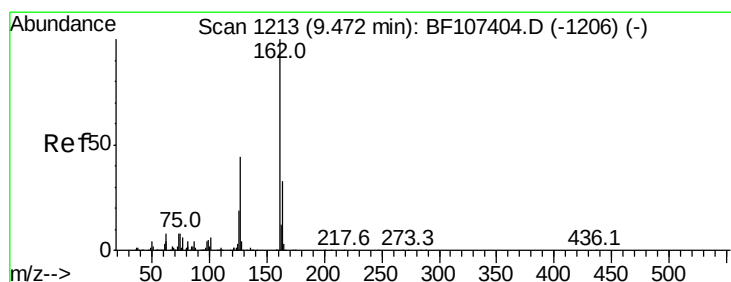
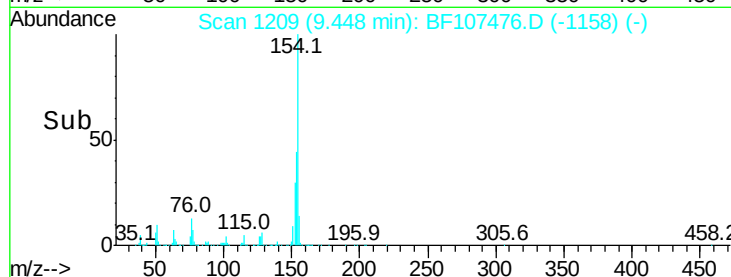
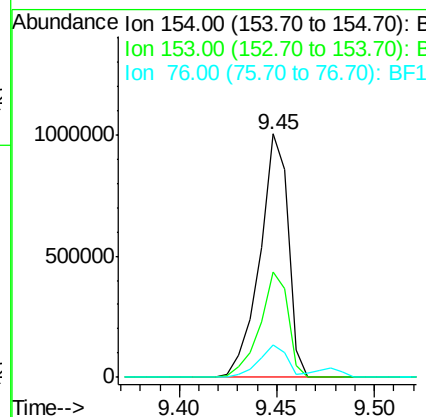
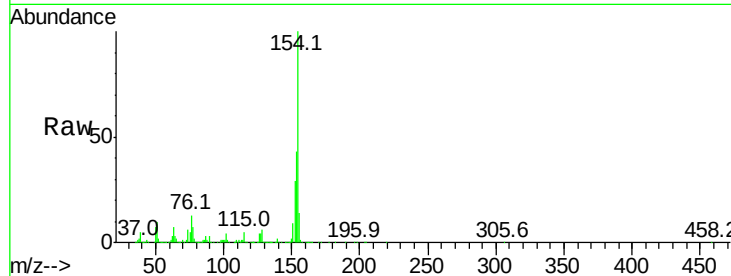
#45
 1,1'-Biphenyl
 Concen: 38.416 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.4	21.3	61.3
76	13.2	0.0	34.0

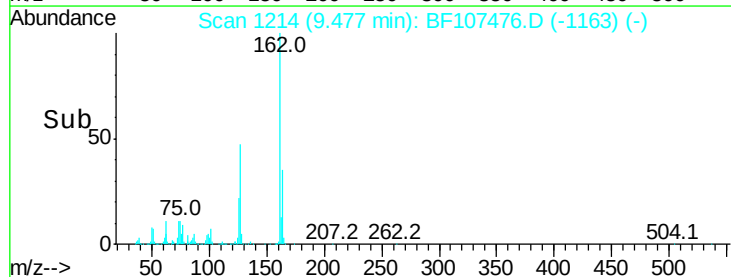
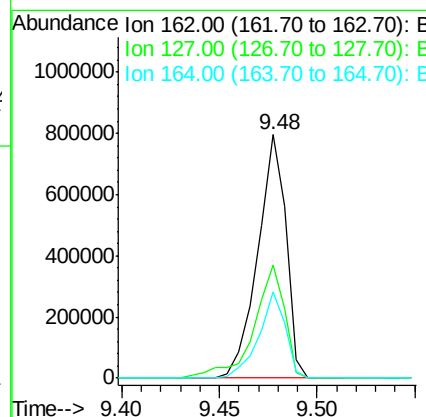
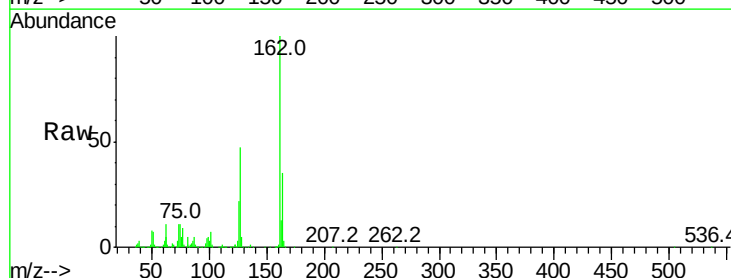
Manual Integrations
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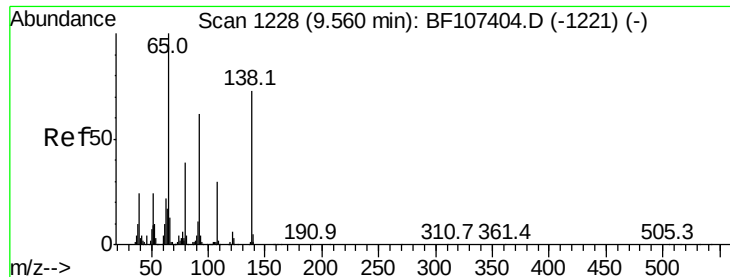
Sohil
 7/19/2018 11:49:34 AM



#46
 2-Chloronaphthalene
 Concen: 38.413 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.5	33.9	50.9
164	35.4	26.5	39.7





#47

2-Nitroaniline

Concen: 50.301 ng

RT: 9.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

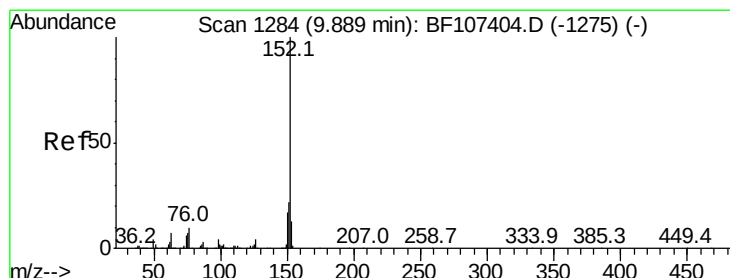
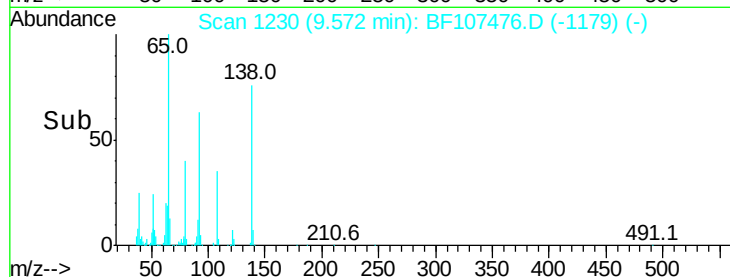
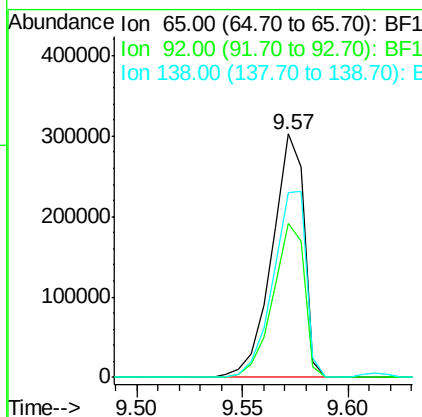
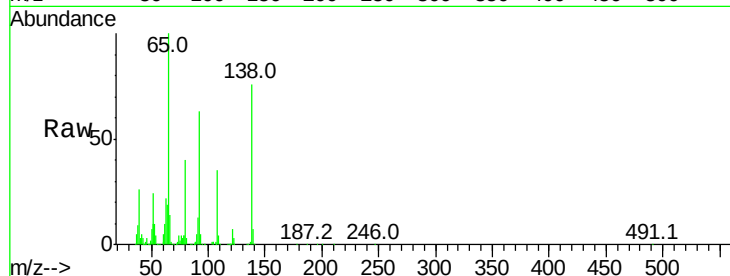
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.3	55.8	83.6
138	75.9	91.2	136.8#

Manual Integrations
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Sohil
7/19/2018 11:49:34 AM



#48

Acenaphthylene

Concen: 41.070 ng

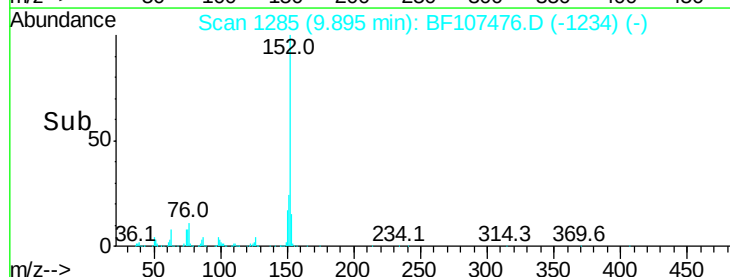
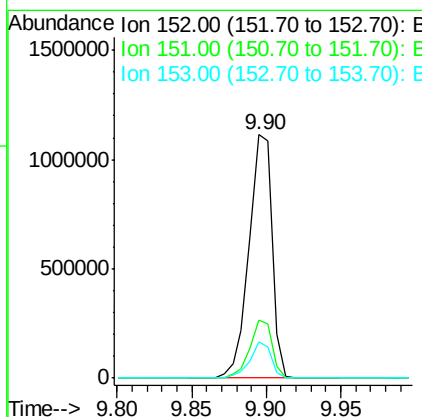
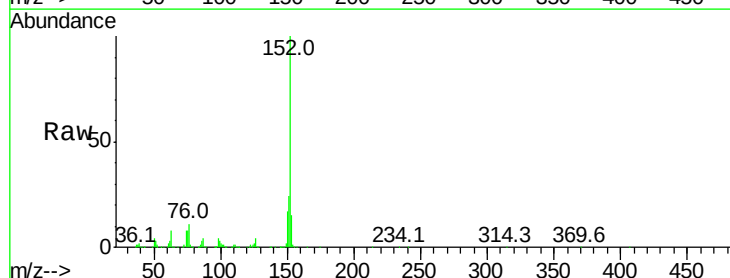
RT: 9.90 min Scan# 1285

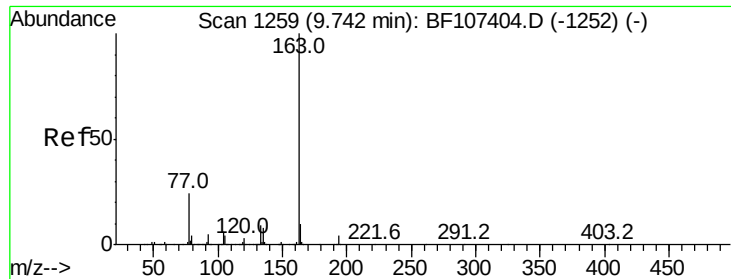
Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.0	16.3	24.5
153	14.9	10.7	16.1





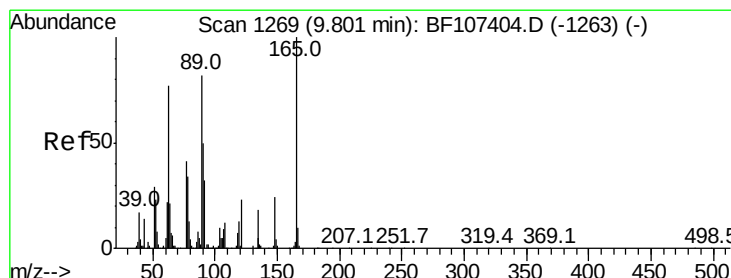
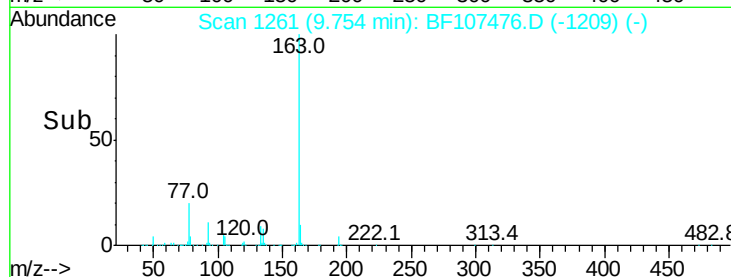
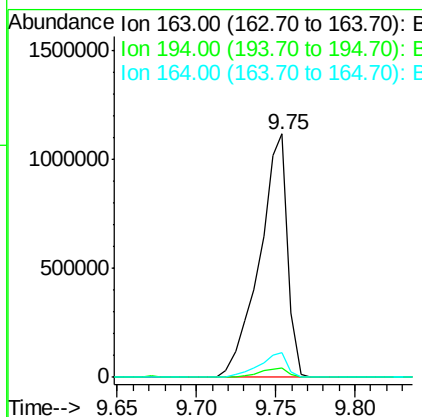
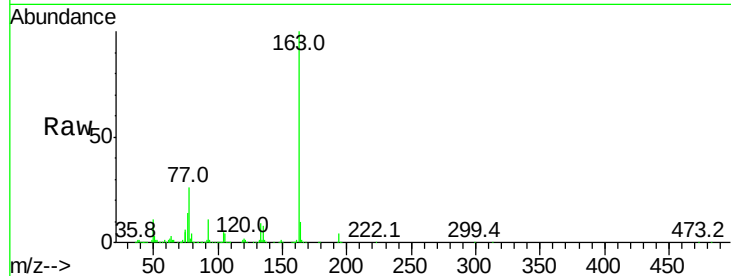
#49
Dimethylphthalate
Concen: 57.261 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.9	8.2	12.2

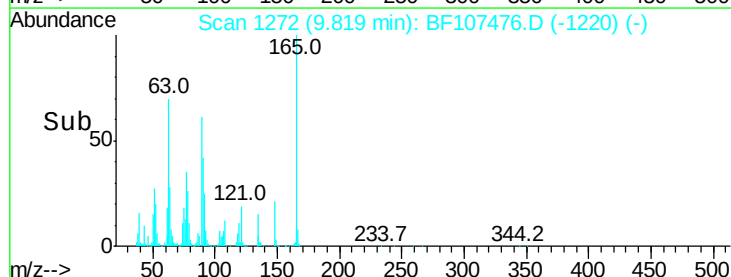
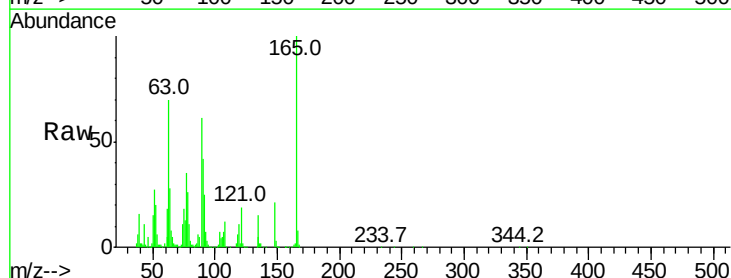
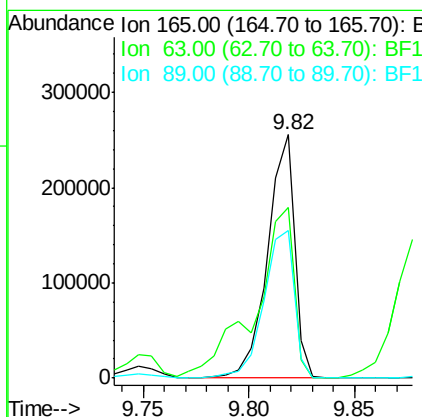
Manual Integrations
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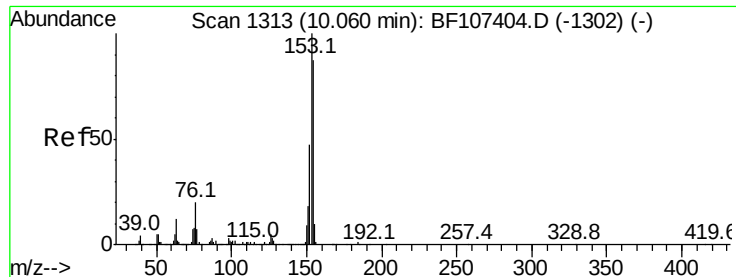
Sohil
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#50
2,6-Dinitrotoluene
Concen: 49.568 ng
RT: 9.82 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.9	44.7	67.1#
89	60.7	44.0	66.0





#51

Acenaphthene

Concen: 37.678 ng

RT: 10.07 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

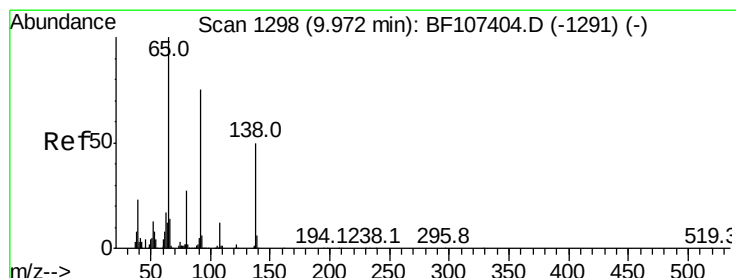
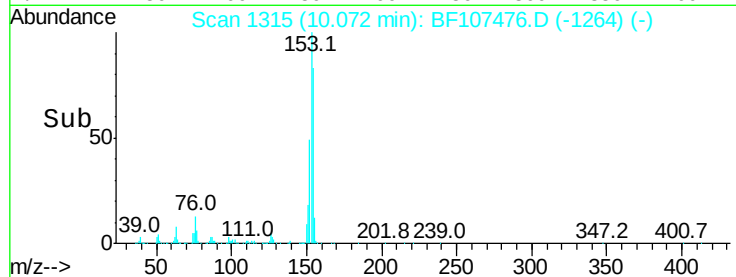
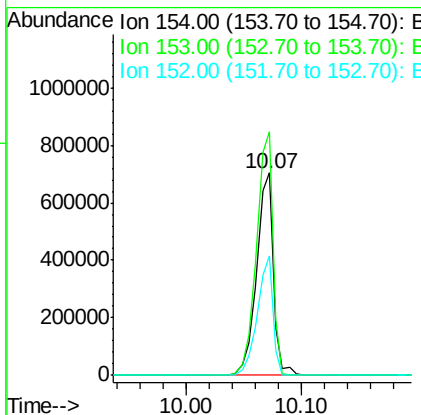
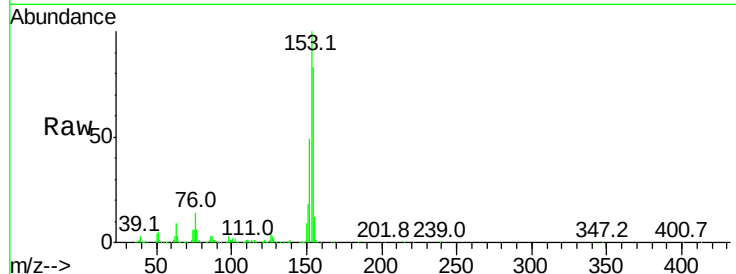
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:	154	Resp:	721721
Ion Ratio	Lower	Upper	
154	100		
153	120.2	91.2	136.8
152	59.1	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 27.381 ng

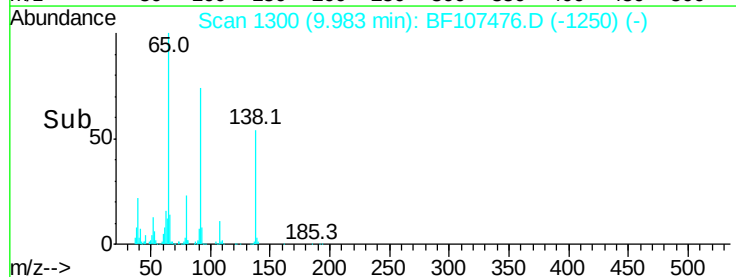
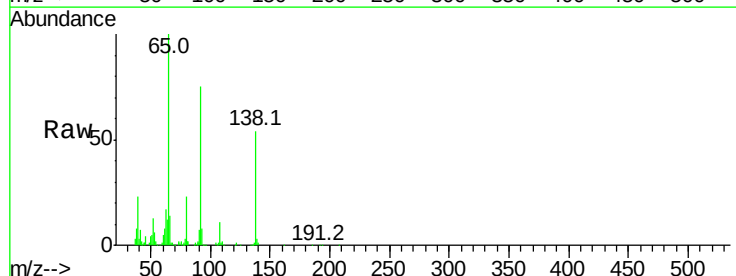
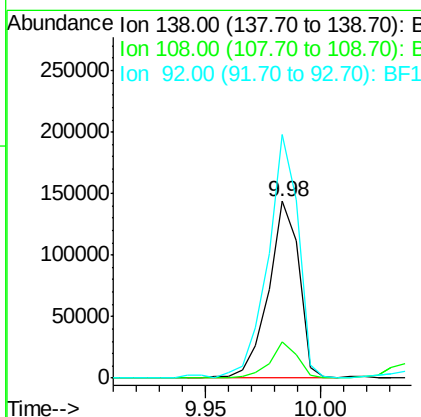
RT: 9.98 min Scan# 1300

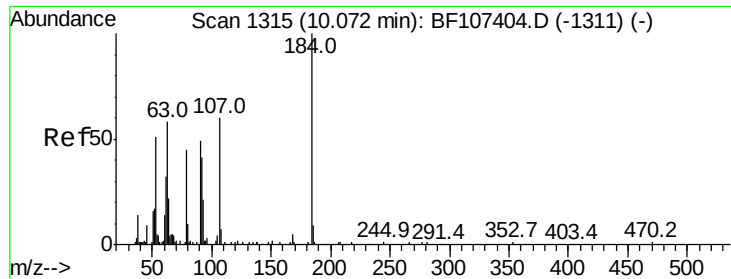
Delta R.T. -0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion:	138	Resp:	132206
Ion Ratio	Lower	Upper	
138	100		
108	20.4	9.4	14.0#
92	137.7	89.4	134.2#





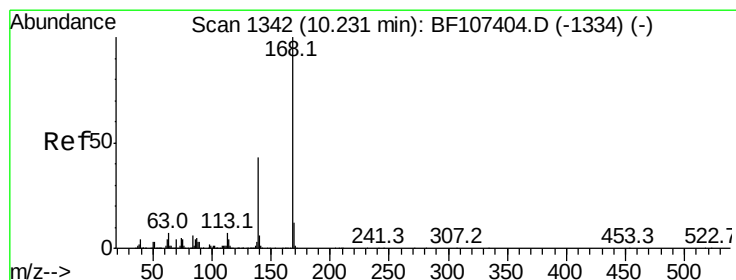
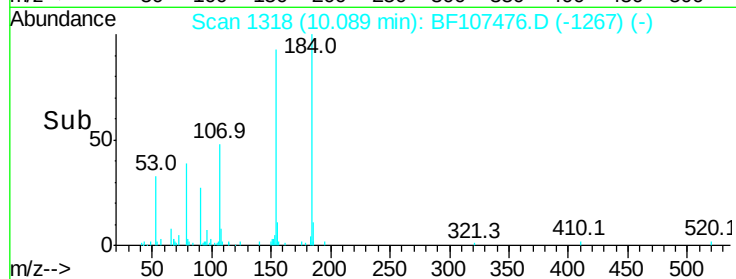
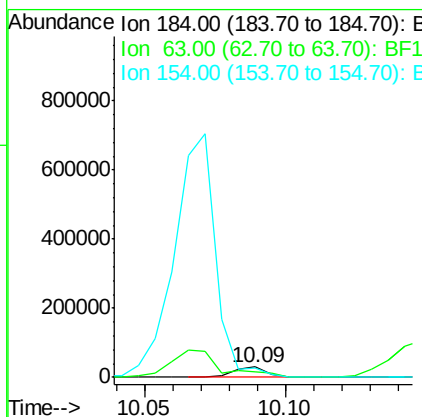
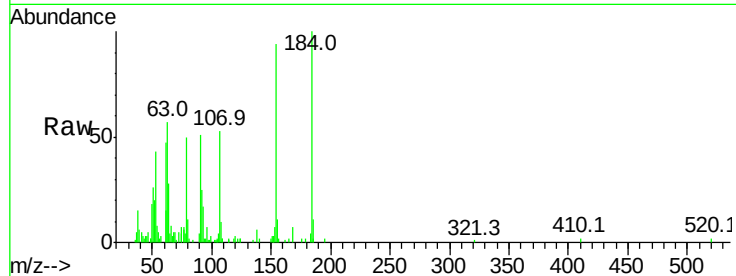
#53
2,4-Dinitrophenol
Concen: 20.656 ng
RT: 10.09 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.6	54.2	81.2
154	93.8	184.0	276.0#

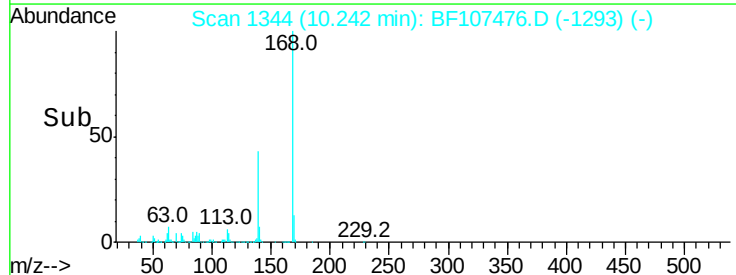
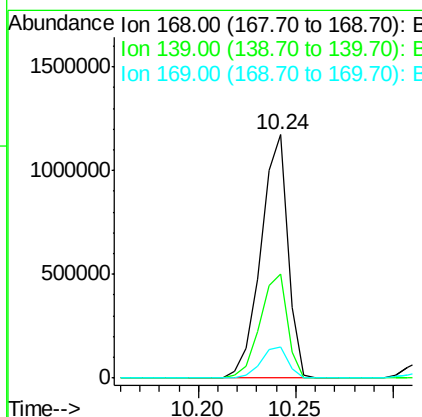
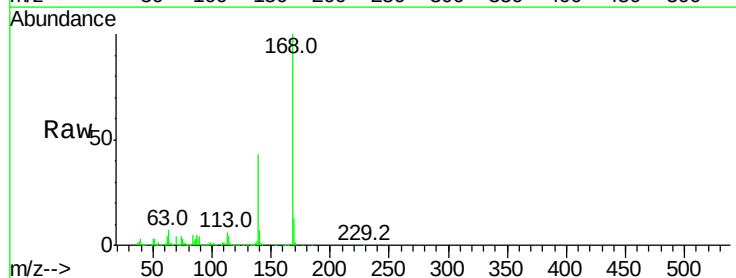
Manual Integrations
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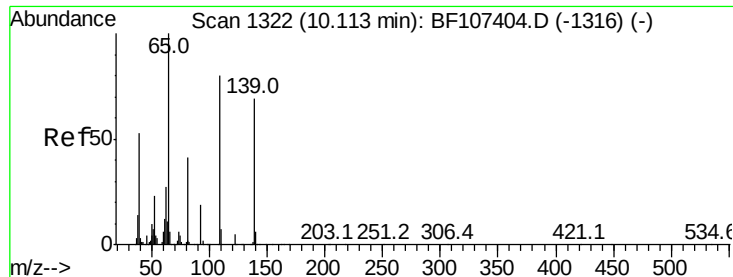
Sohil
7/19/2018 11:49:34 AM



#54
Dibenzofuran
Concen: 38.024 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.0	30.1	45.1
169	13.0	10.9	16.3





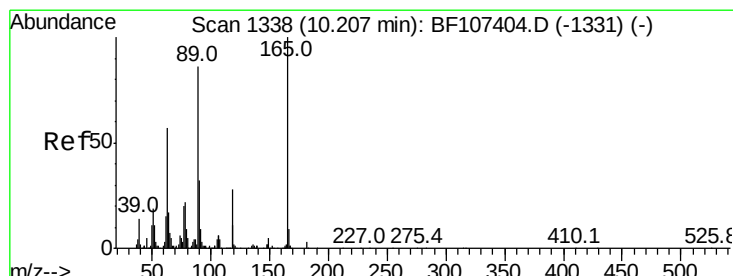
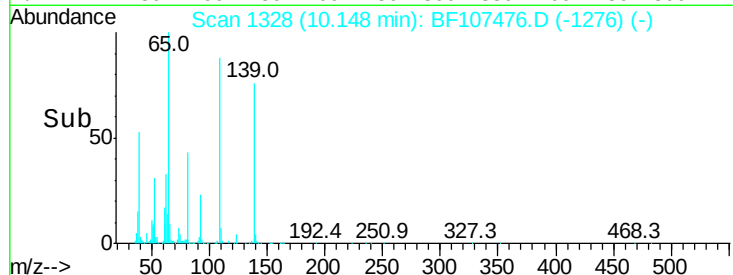
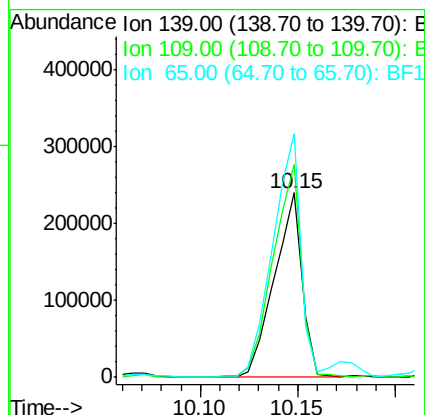
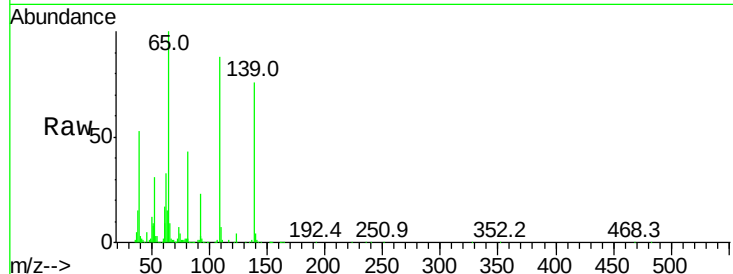
#55
4-Nitrophenol
Concen: 60.648 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	115.7	48.4	88.4#	
65	132.1	72.6	112.6#	

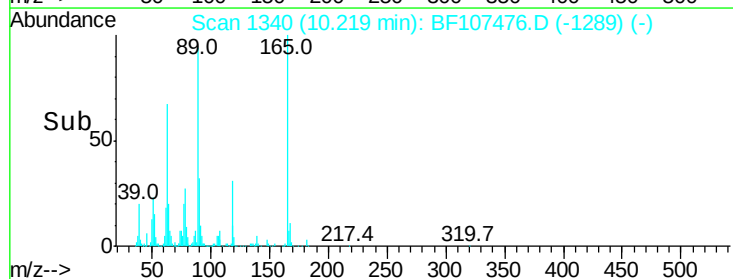
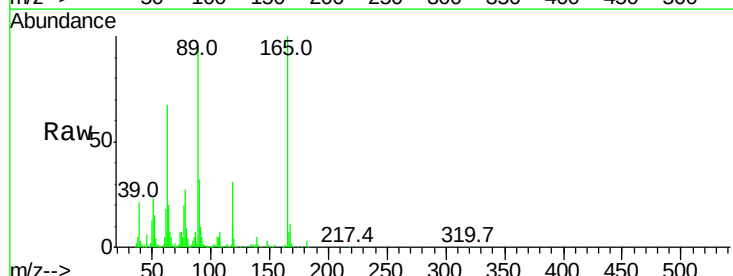
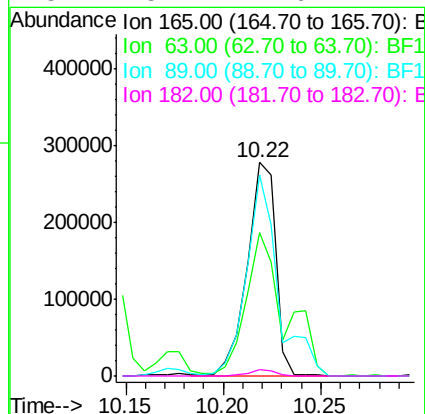
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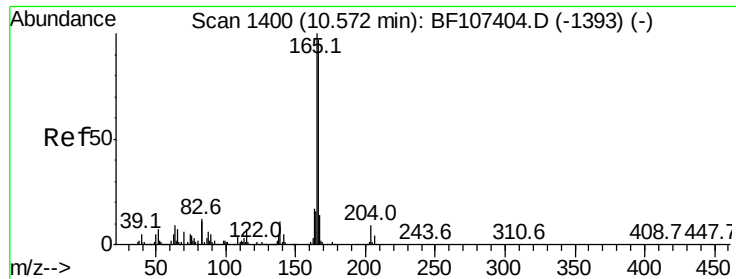
Sohil
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#56
2,4-Dinitrotoluene
Concen: 47.296 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.3	36.4	54.6#	
89	94.1	57.8	86.6#	
182	3.1	1.6	2.4#	





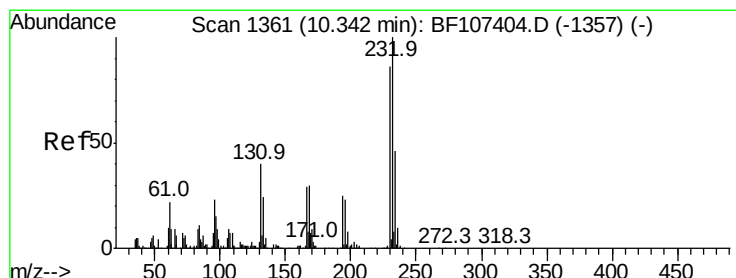
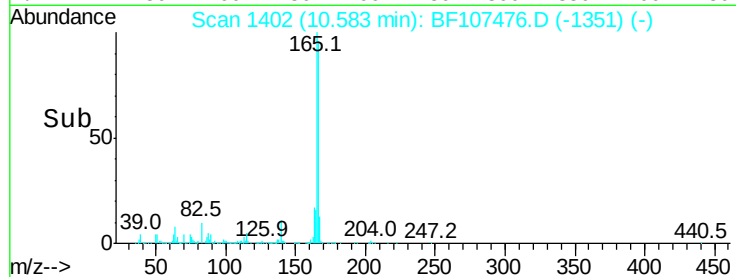
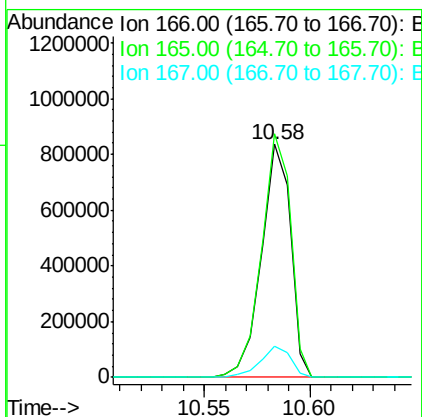
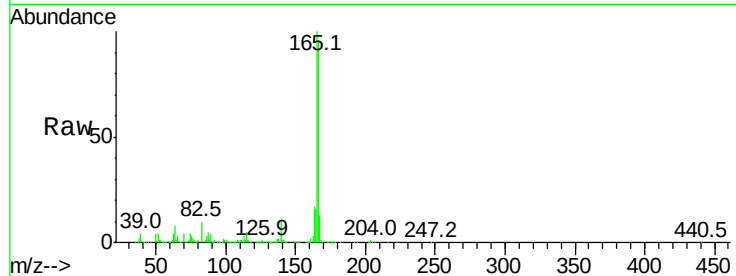
#57
 Fluorene
 Concen: 41.133 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.4	79.8	119.8
167	13.1	10.6	16.0

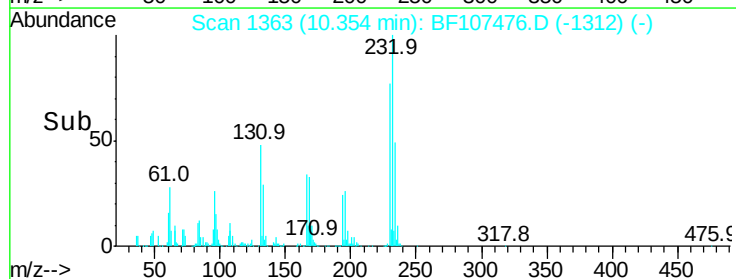
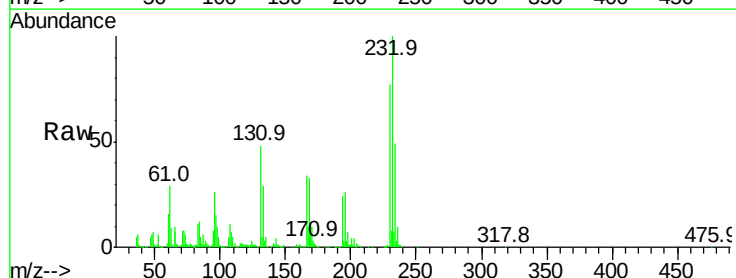
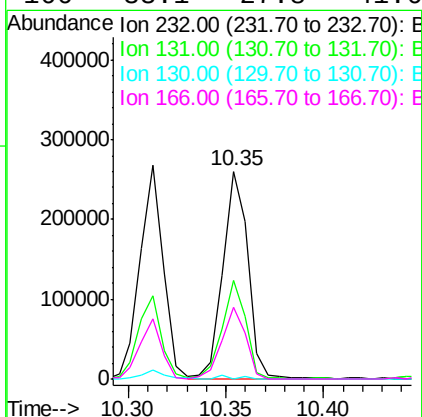
Manual Integrations
 APPROVED

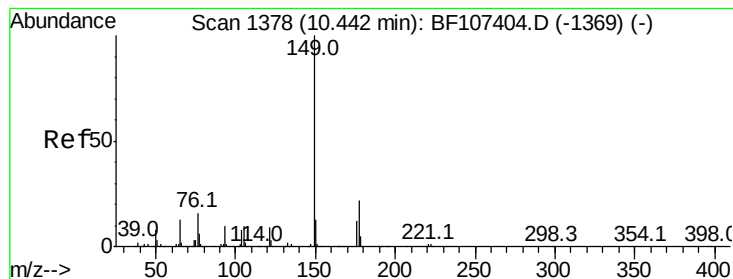
Sohil
 7/19/2018 11:49:34 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.869 ng
 RT: 10.35 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.4	43.8	65.8
130	1.5	2.1	3.1#
166	33.1	27.8	41.6





#59

Diethylphthalate

Concen: 42.032 ng

RT: 10.45 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

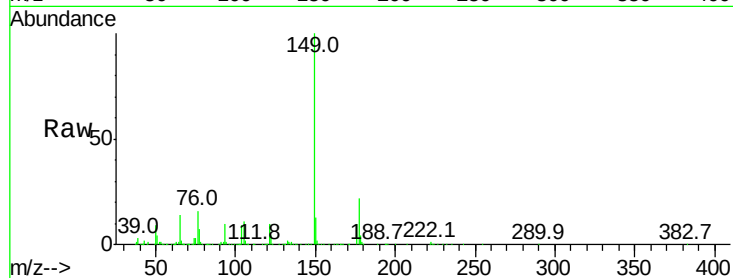
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:	149	Resp:	983725
Ion Ratio	Lower	Upper	
149	100		
177	22.2	16.1	24.1
150	13.5	10.1	15.1

Manual Integrations
APPROVED

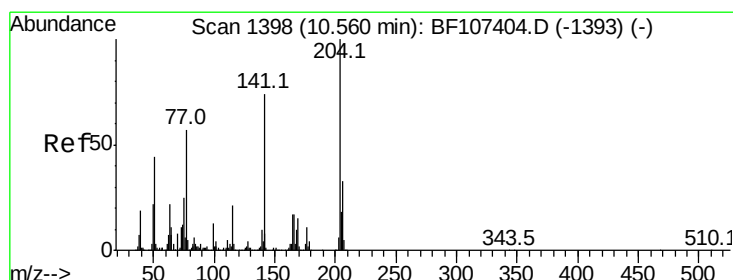
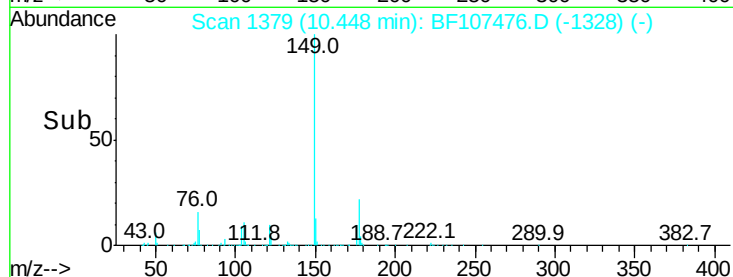
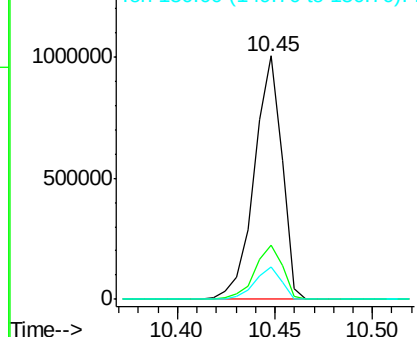
Sohil
7/19/2018 11:49:34 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.247 ng

RT: 10.57 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF107476.D

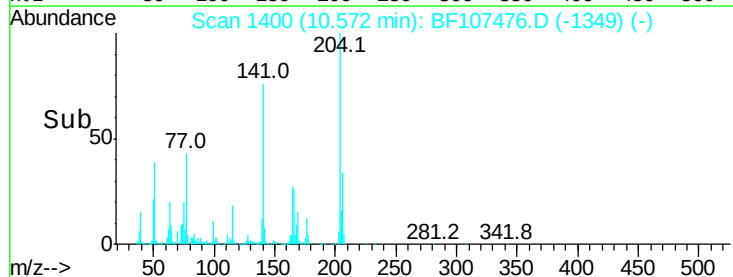
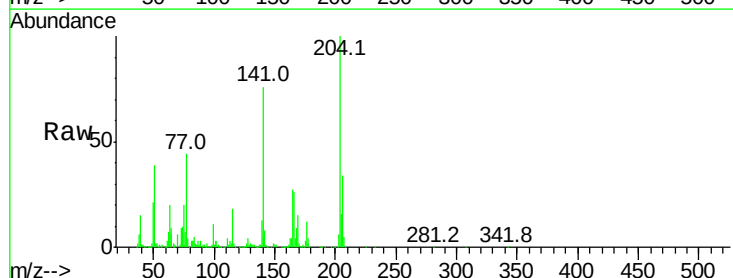
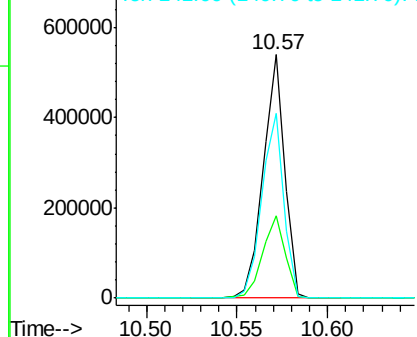
Acq: 18 Jul 2018 14:40

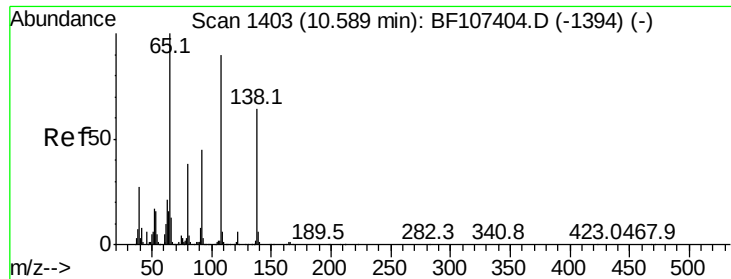
Tgt Ion:	204	Resp:	446622
Ion Ratio	Lower	Upper	
204	100		
206	34.0	26.5	39.7
141	76.1	54.6	81.8

Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.517 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

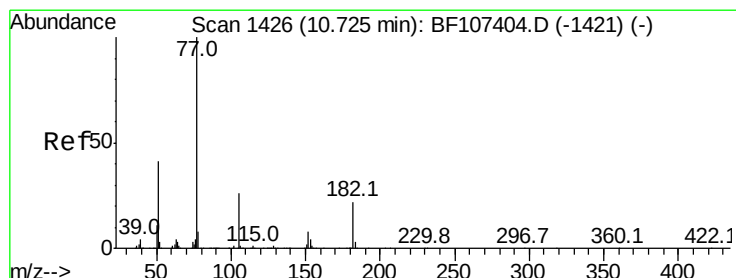
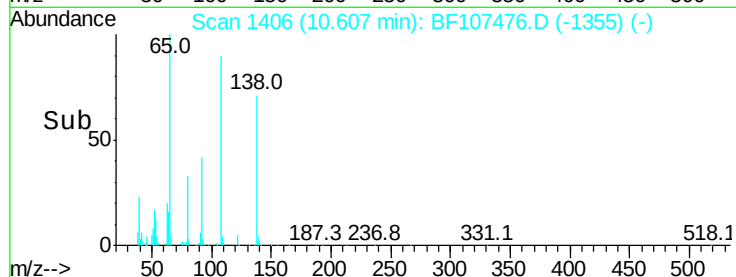
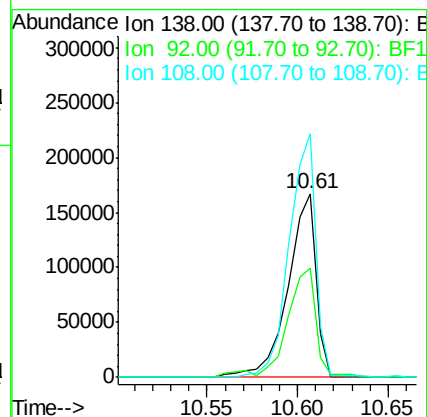
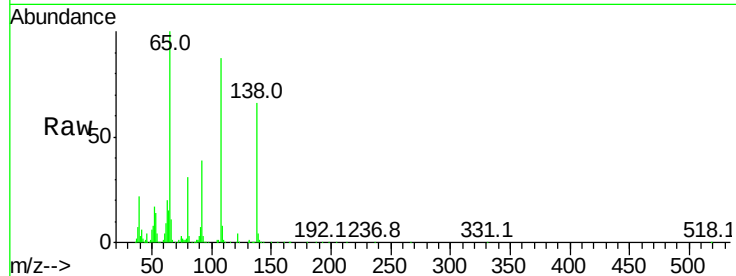
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.6	30.2	70.2
108	132.3	52.5	92.5#

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#62

Azobenzene

Concen: 37.453 ng

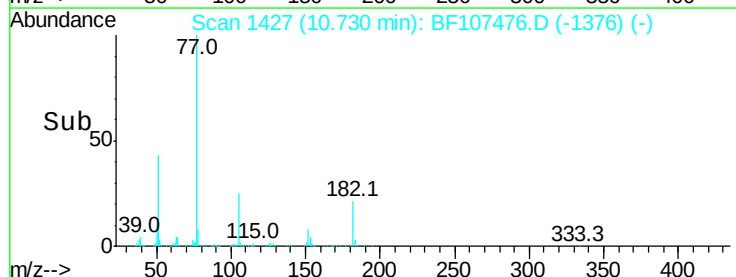
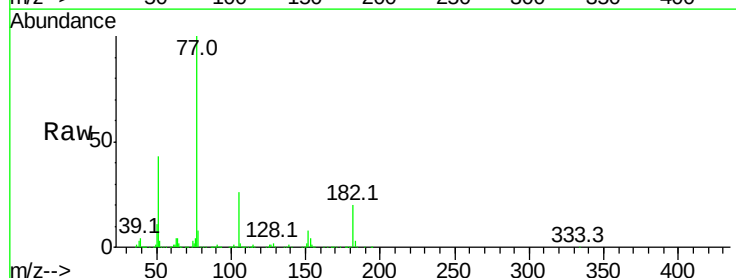
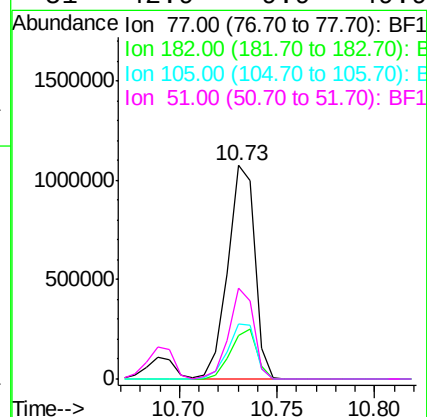
RT: 10.73 min Scan# 1427

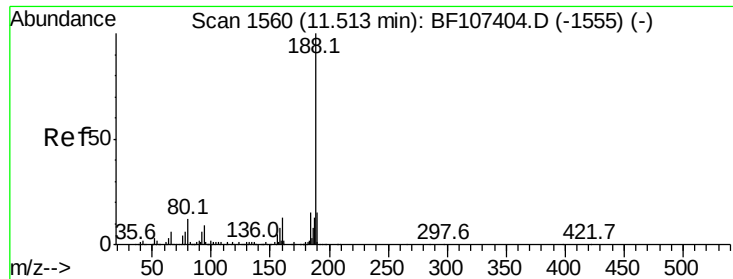
Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	1.7	41.7
105	25.9	3.0	43.0
51	42.9	9.9	49.9





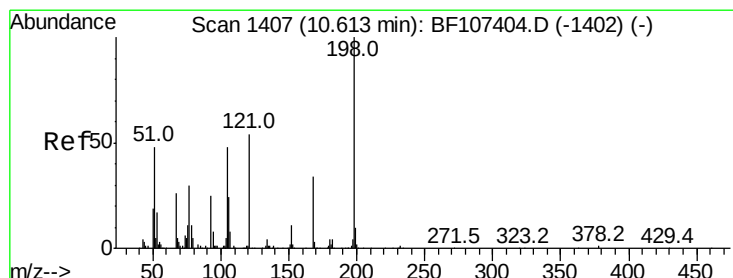
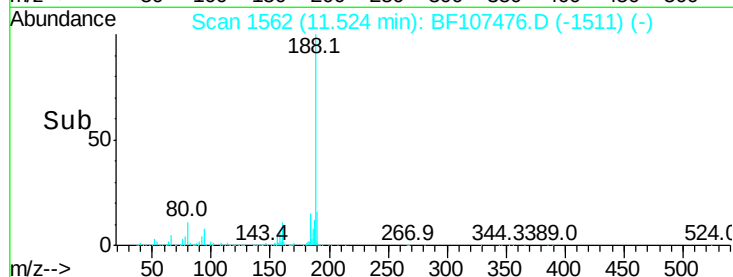
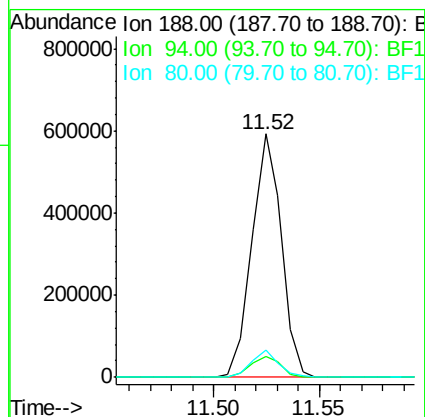
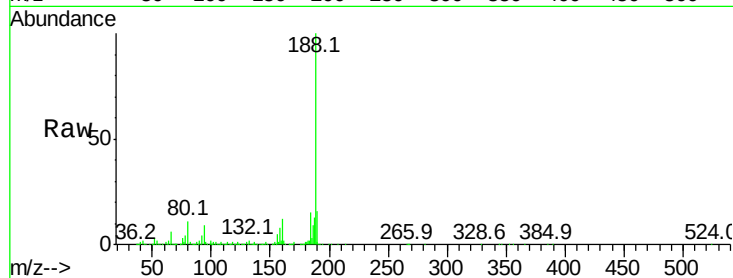
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.6	8.5	12.7
80	11.1	9.2	13.8

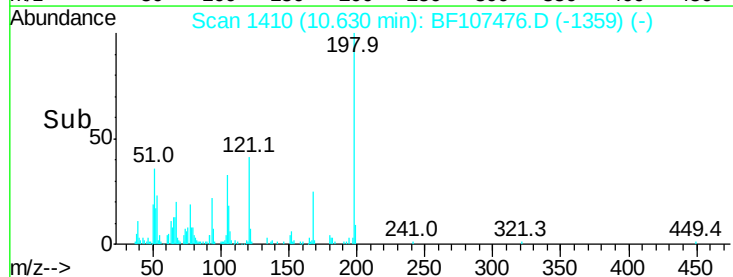
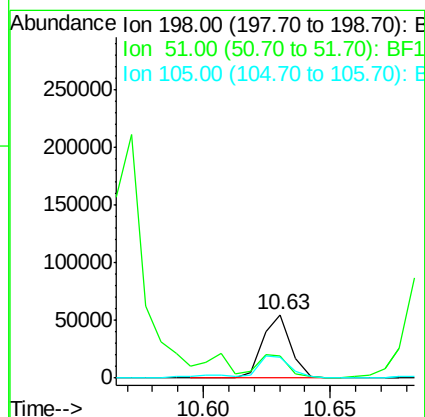
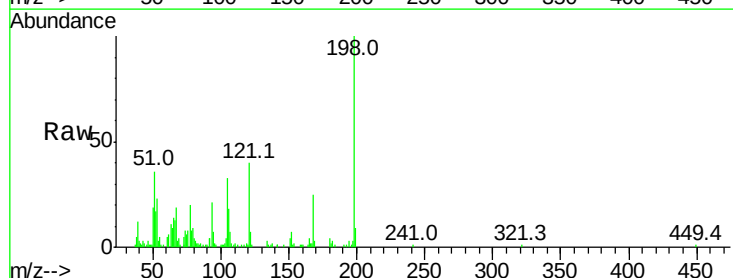
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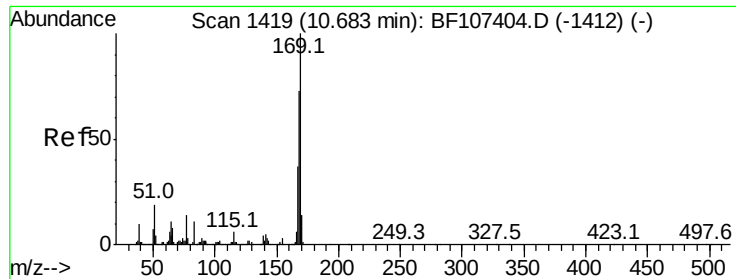
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 19.215 ng
RT: 10.63 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	35.7	37.7	77.7#
105	32.6	36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 42.439 ng

RT: 10.70 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

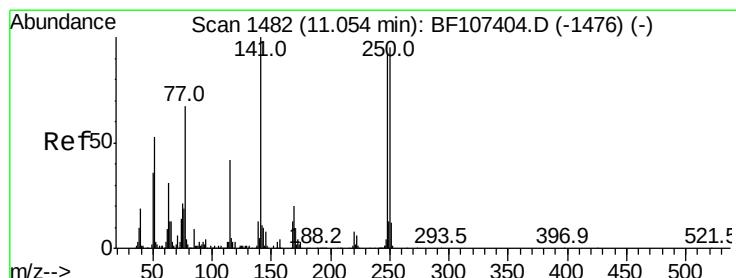
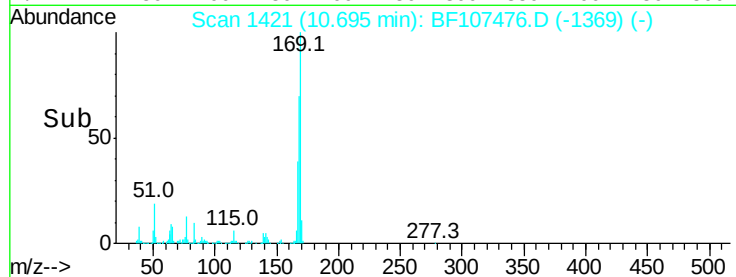
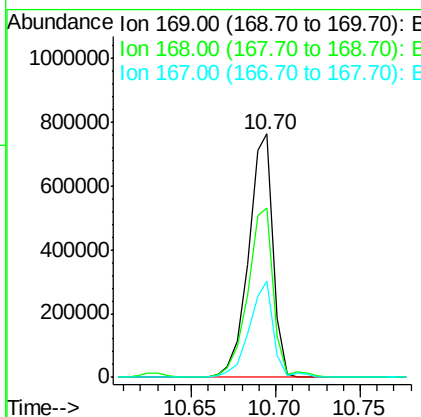
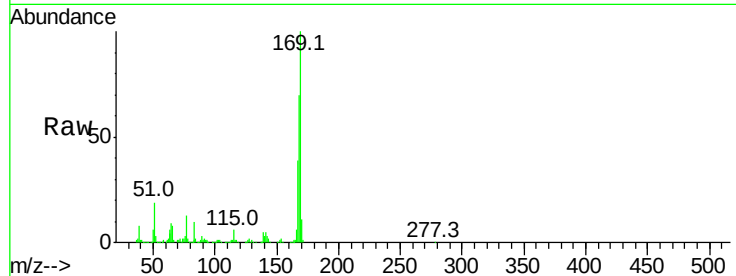
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:	169	Resp:	772228
Ion Ratio	Lower	Upper	
169	100		
168	69.8	54.4	81.6
167	39.4	29.8	44.6

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 42.450 ng

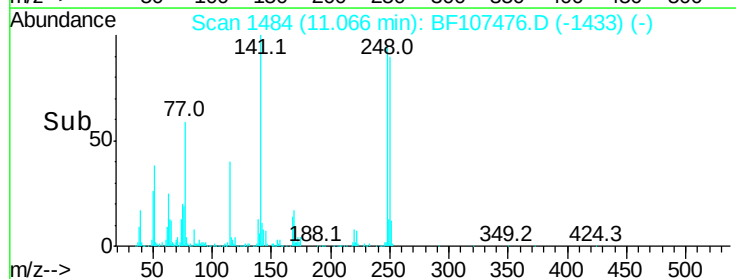
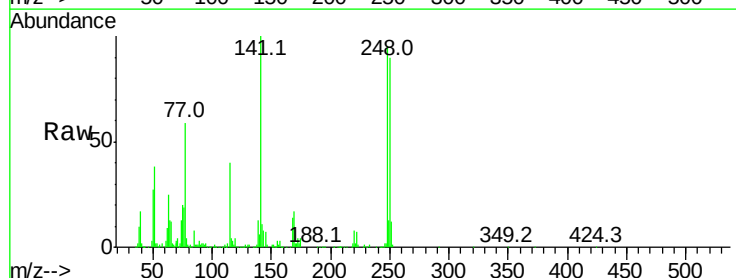
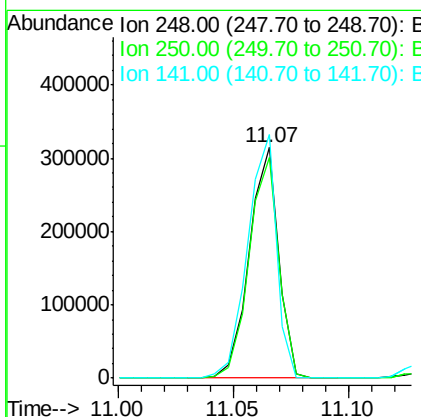
RT: 11.07 min Scan# 1484

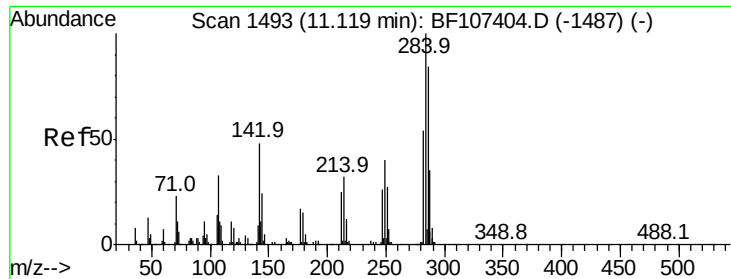
Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion:	248	Resp:	279805
Ion Ratio	Lower	Upper	
248	100		
250	95.7	76.9	115.3
141	105.7	74.4	111.6





#67

Hexachlorobenzene

Concen: 42.040 ng

RT: 11.13 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

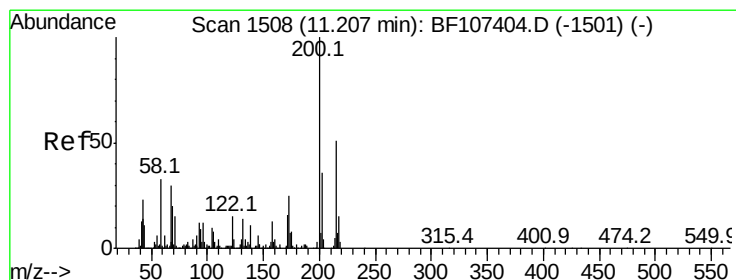
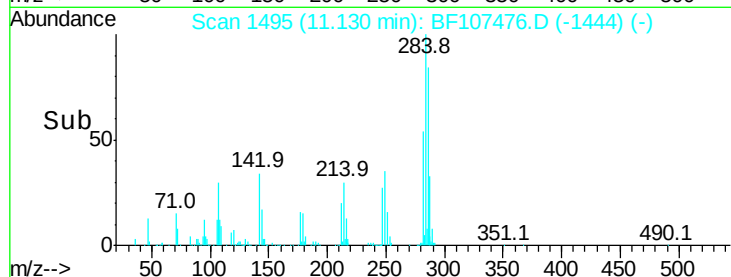
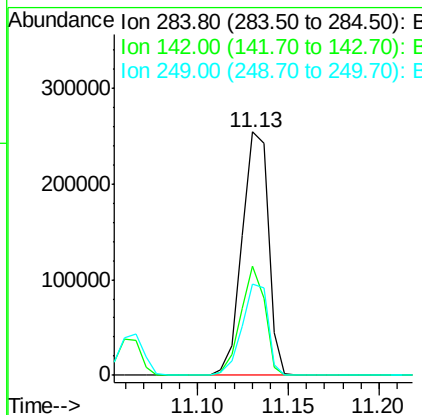
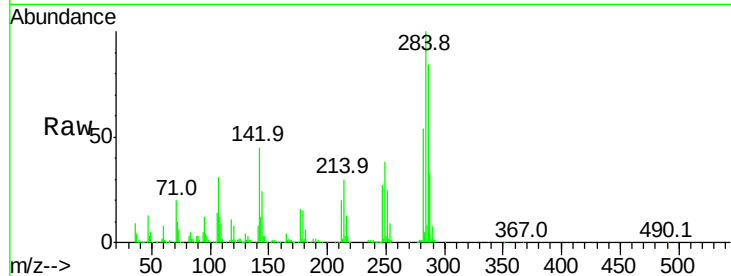
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	256505		
142	44.8	34.6	52.0	
249	37.7	24.8	37.2	

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#68

Atrazine

Concen: 42.239 ng

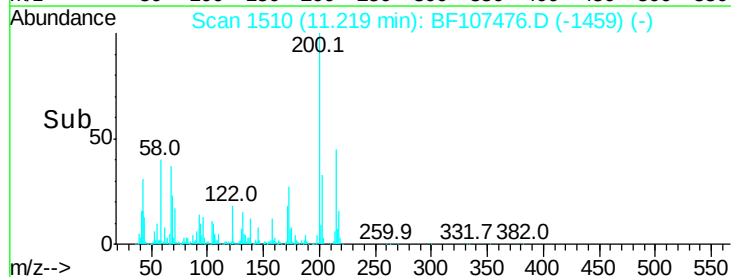
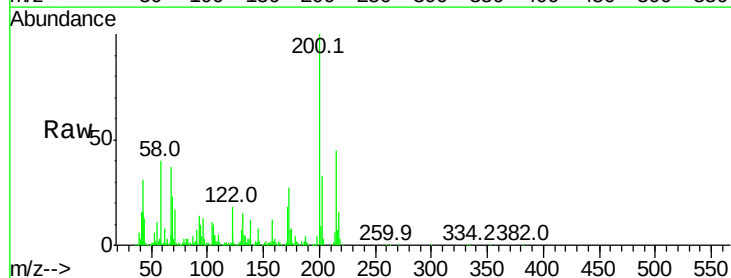
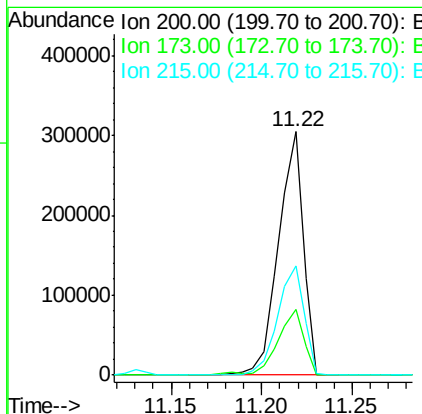
RT: 11.22 min Scan# 1510

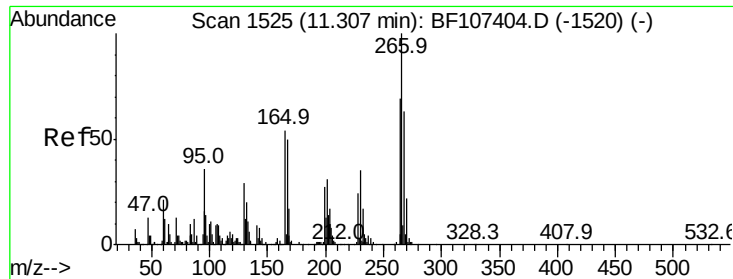
Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	290441		
173	27.2	8.6	48.6	
215	44.9	25.1	65.1	





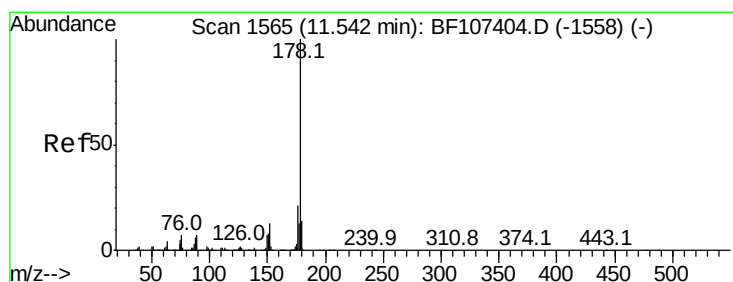
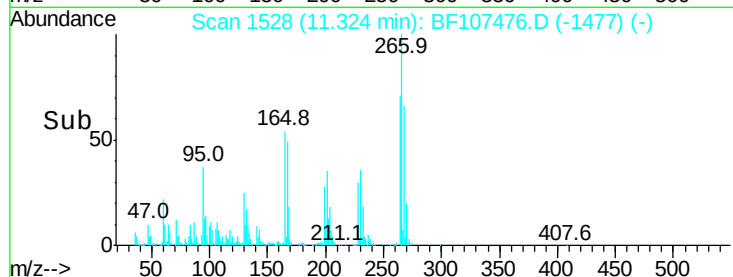
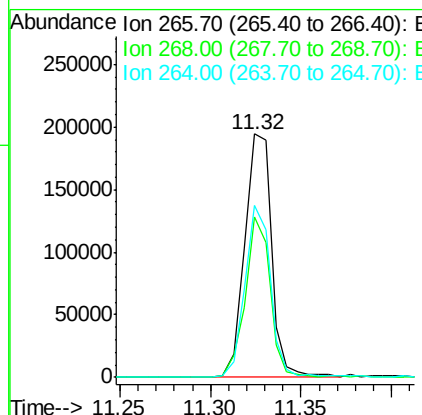
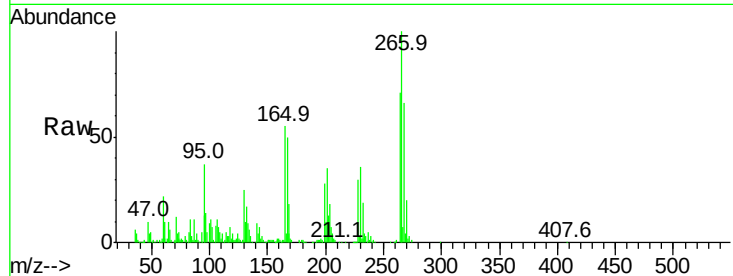
#69
 Pentachlorophenol
 Concen: 44.430 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	70.9	49.5	74.3

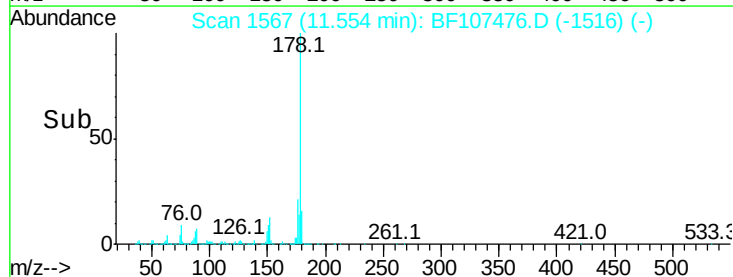
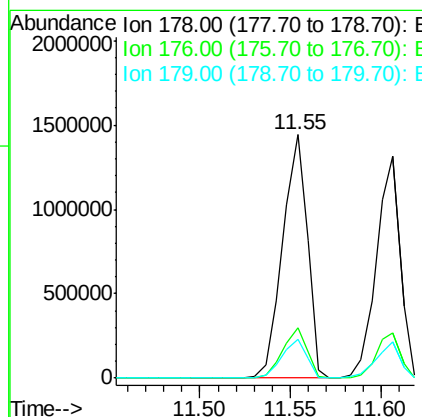
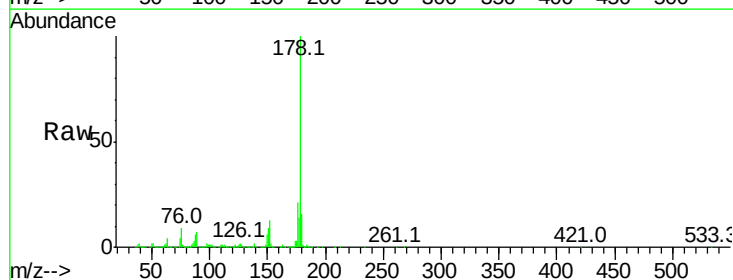
Manual Integrations
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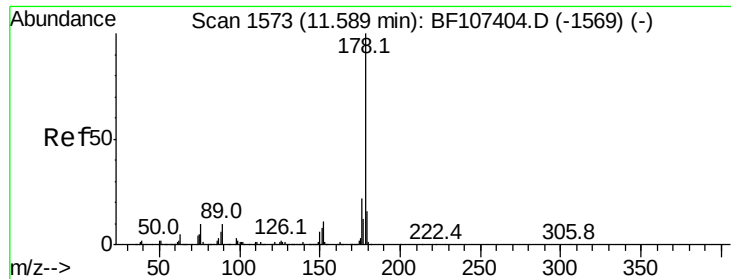
Sohil
 7/19/2018 11:49:34 AM



#70
 Phenanthrene
 Concen: 47.702 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.8
179	15.7	13.0	19.6





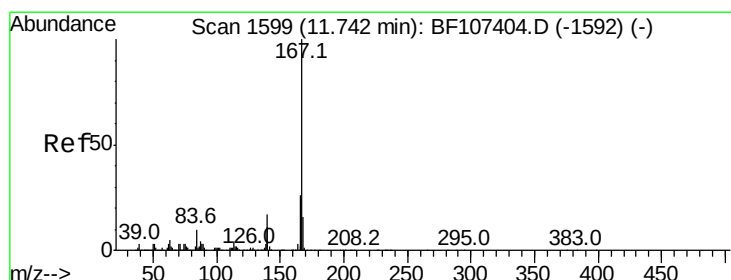
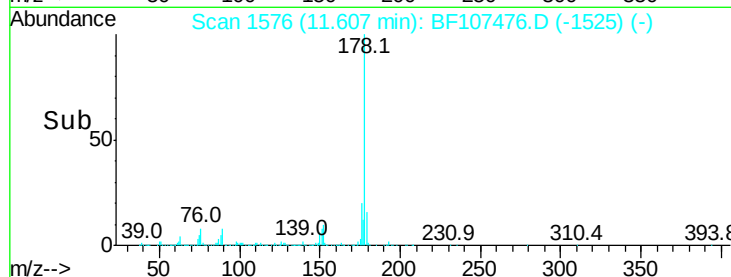
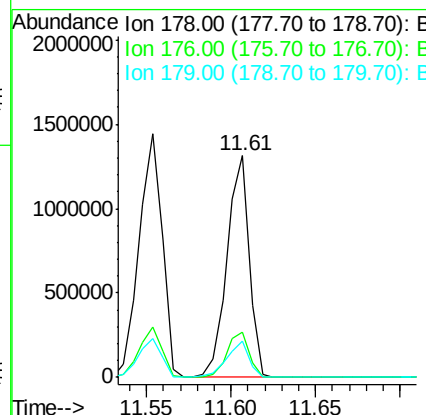
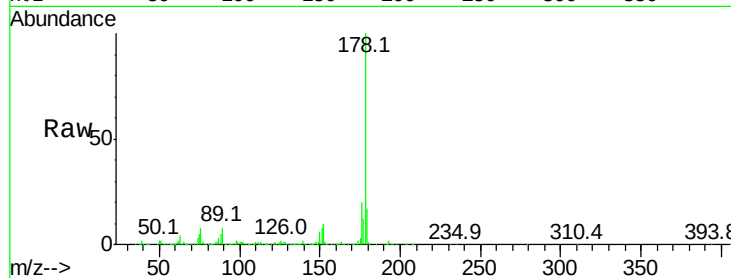
#71
 Anthracene
 Concen: 42.091 ng
 RT: 11.61 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-1@3MSD

Tot Ion:178 Resp: 1203712
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.4 23.2
 179 16.5 12.6 19.0

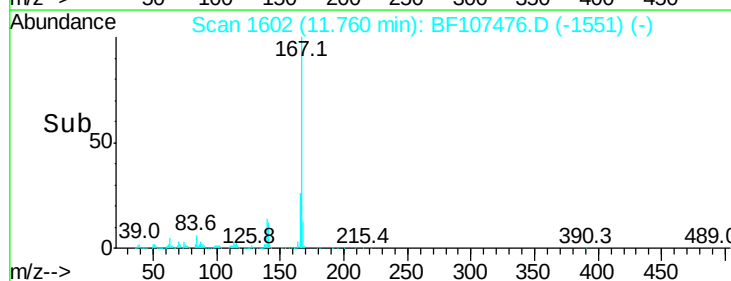
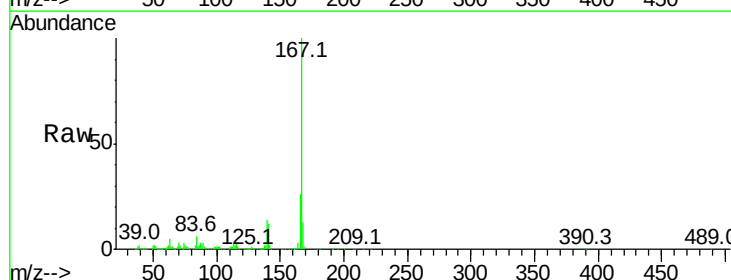
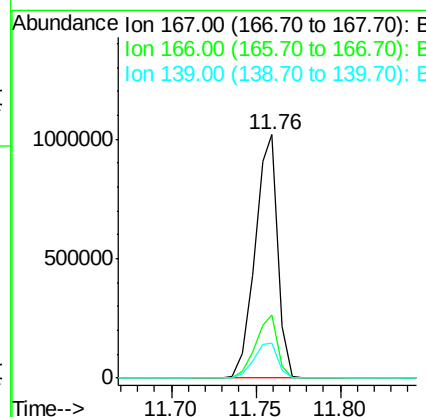
Manual Integrations
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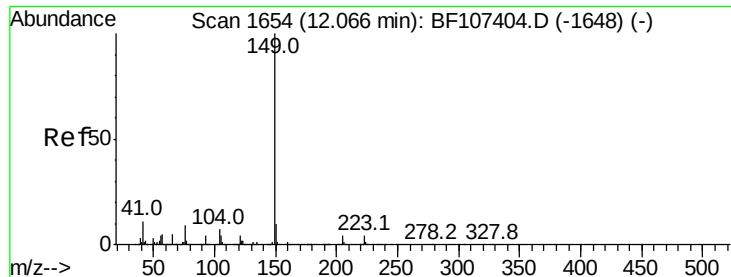
Sohil
 7/19/2018 11:49:34 AM



#72
 Carbazole
 Concen: 35.333 ng
 RT: 11.76 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Tgt Ion:167 Resp: 956613
 Ion Ratio Lower Upper
 167 100
 166 26.0 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.892 ng

RT: 12.07 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:149 Resp: 1365677

Ion Ratio Lower Upper

149 100

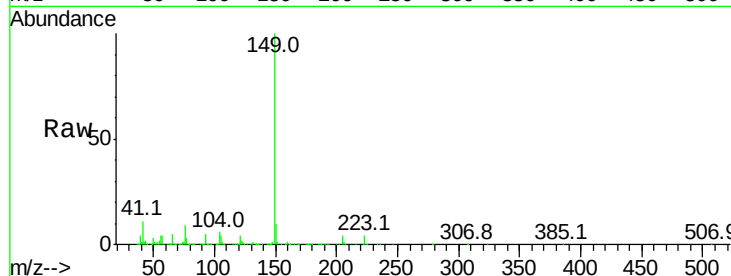
150 10.0 7.8 11.6

104 6.5 3.8 5.8#

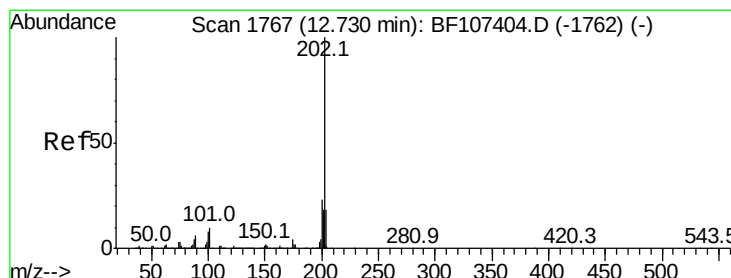
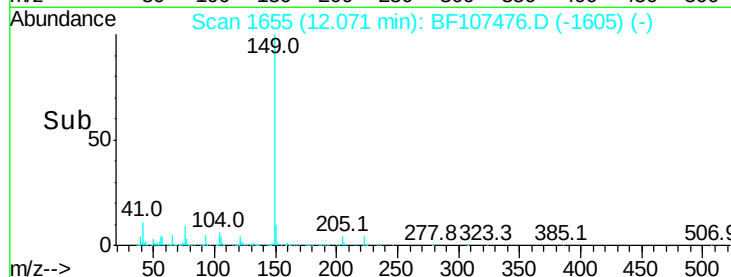
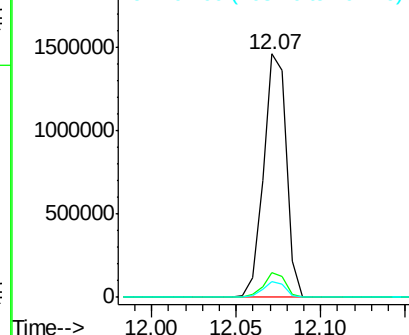
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.292 ng

RT: 12.75 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

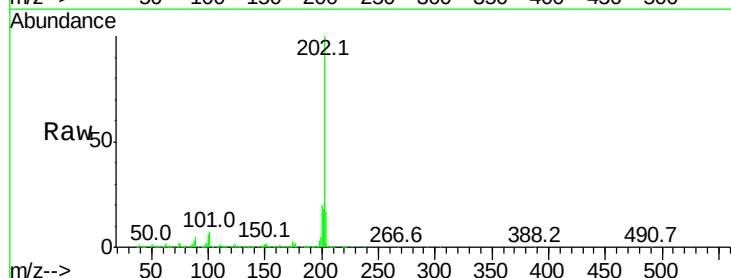
Tgt Ion:202 Resp: 1412791

Ion Ratio Lower Upper

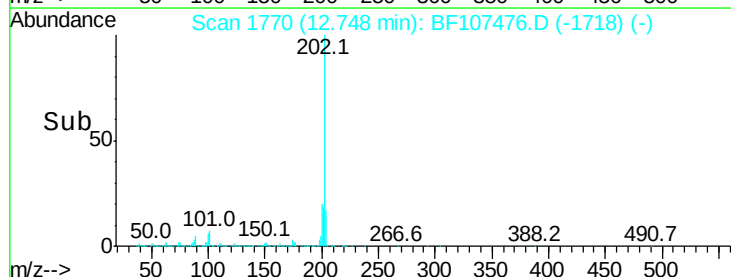
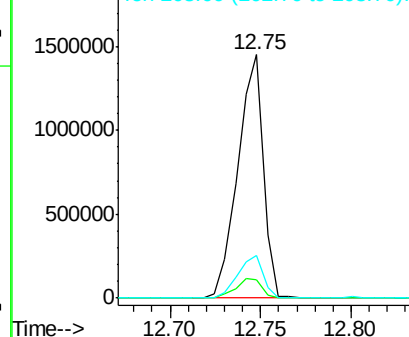
202 100

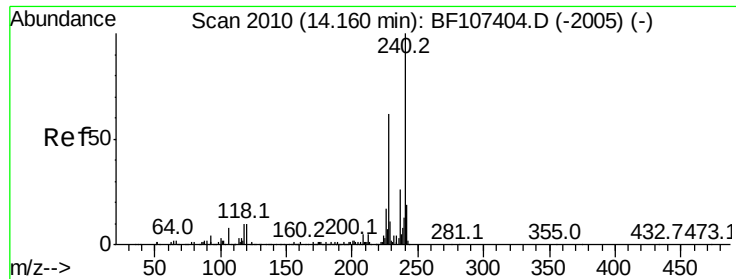
101 7.4 0.0 34.1

203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
2000000
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: 14.18 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

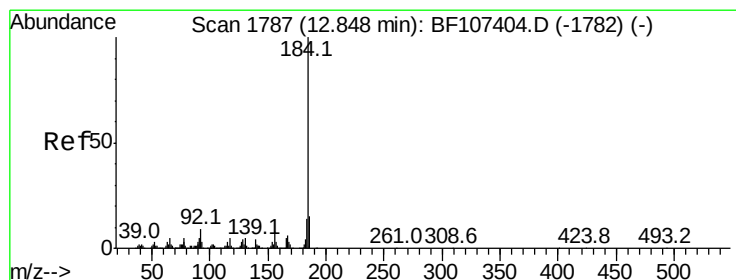
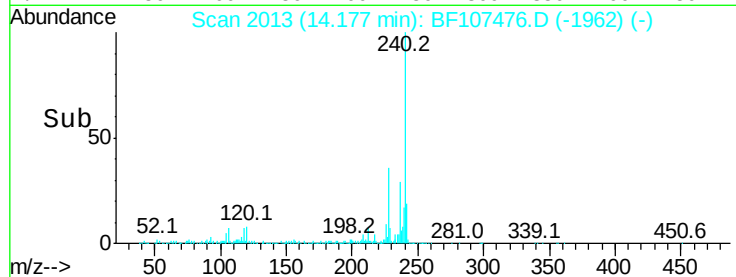
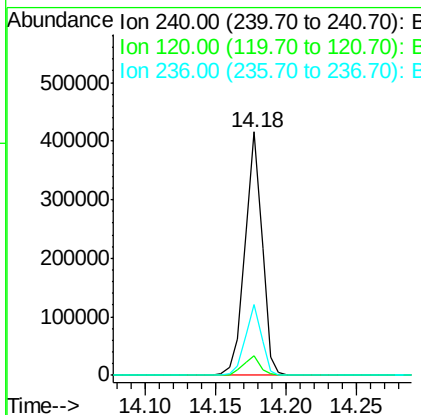
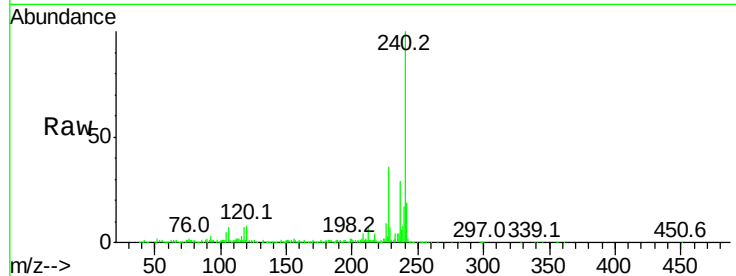
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	29.3	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 12.236 ng

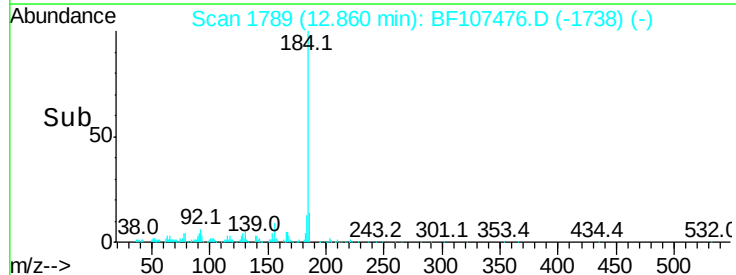
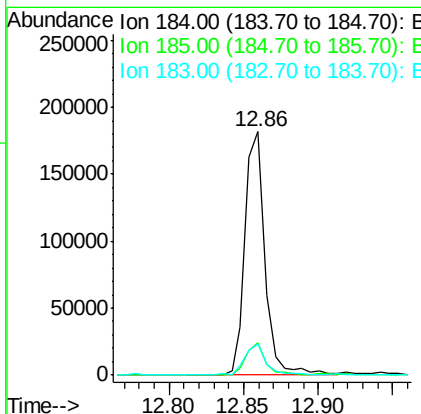
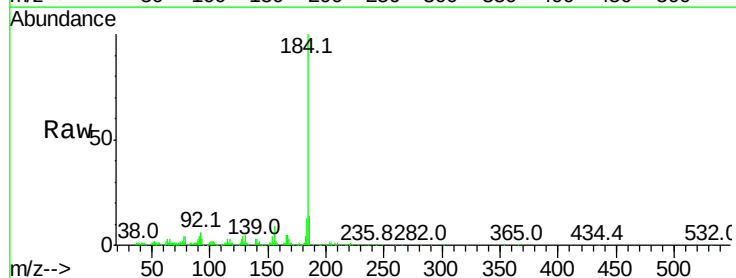
RT: 12.86 min Scan# 1789

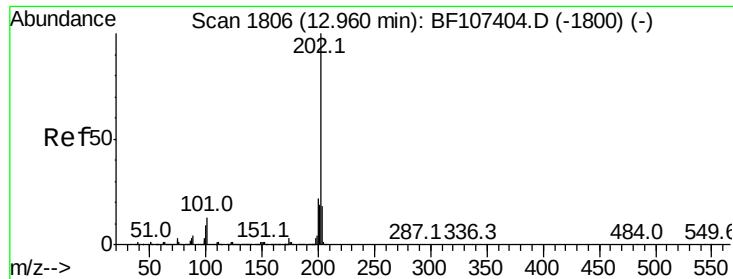
Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	13.5	12.6	18.8
183	12.8	9.3	13.9





#77

Pvrene

Concen: 55.105 ng

RT: 12.98 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

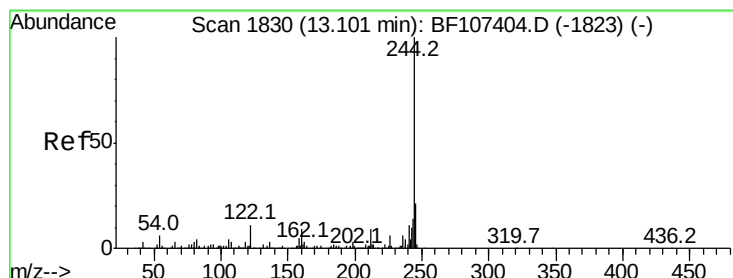
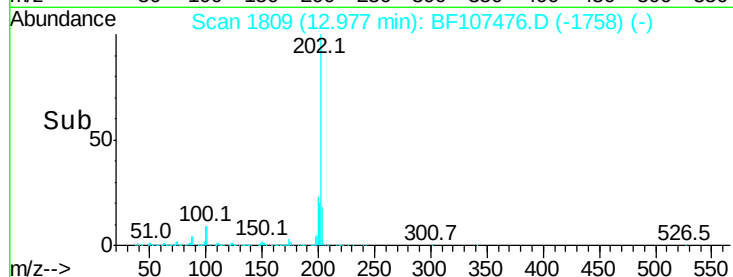
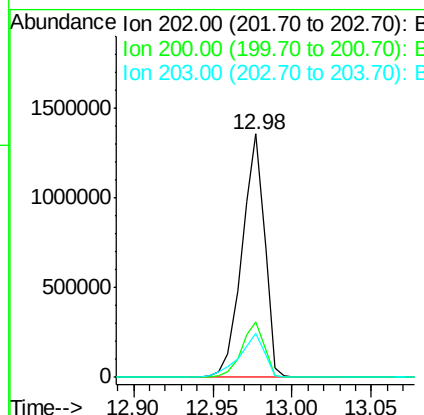
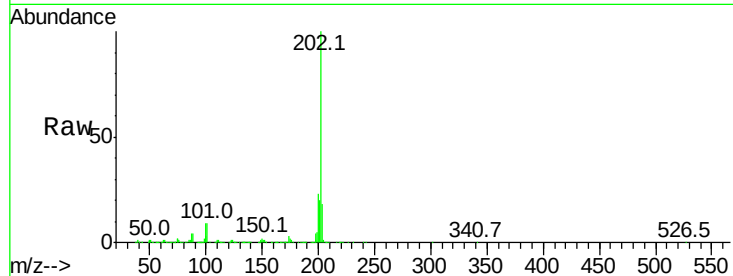
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:	202	Resp:	1333091
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 95.913 ng

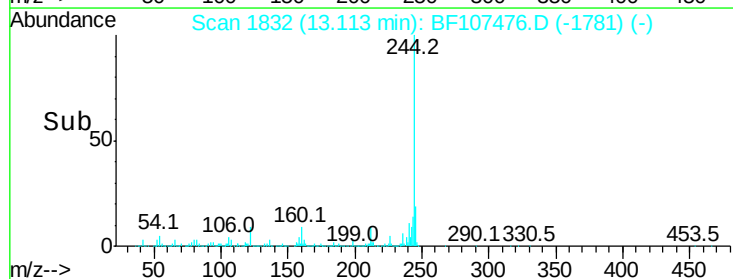
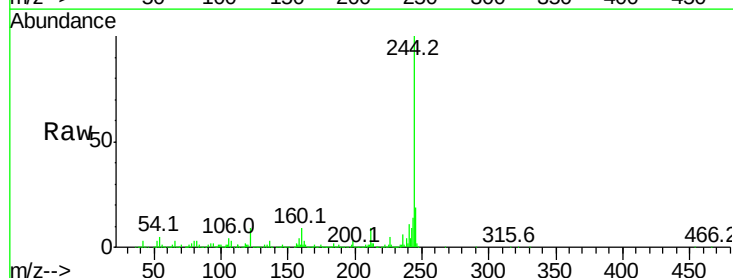
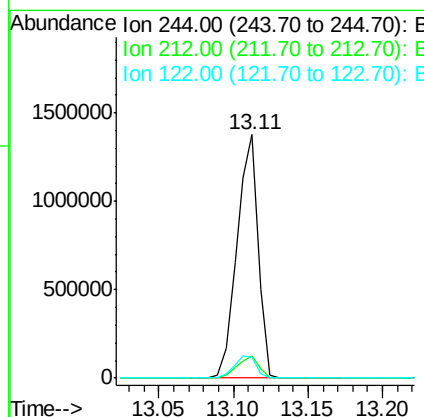
RT: 13.11 min Scan# 1832

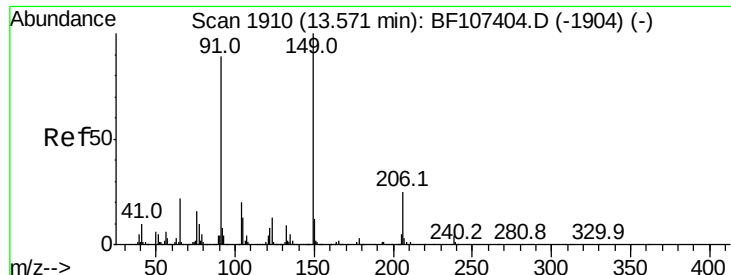
Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion:	244	Resp:	1373328
Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.4	8.0#
122	8.5	11.0	16.4#





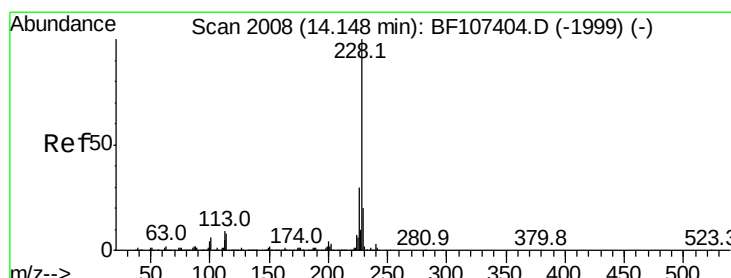
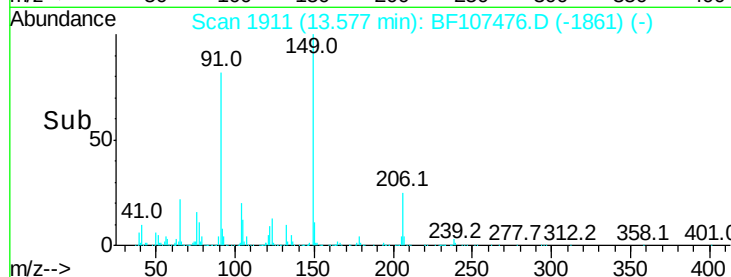
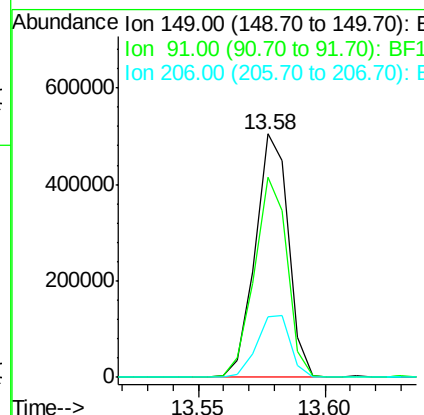
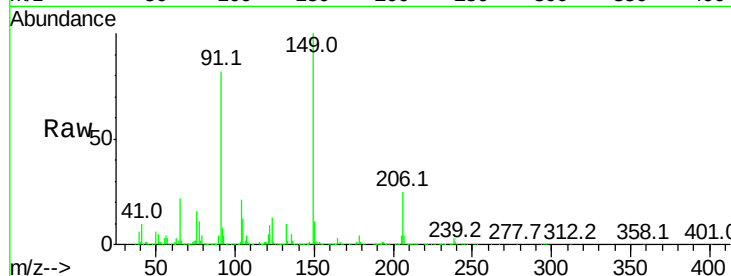
#79
Butylbenzylphthalate
Concen: 51.947 ng
RT: 13.58 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.2	56.8	85.2
206	24.9	14.1	21.1

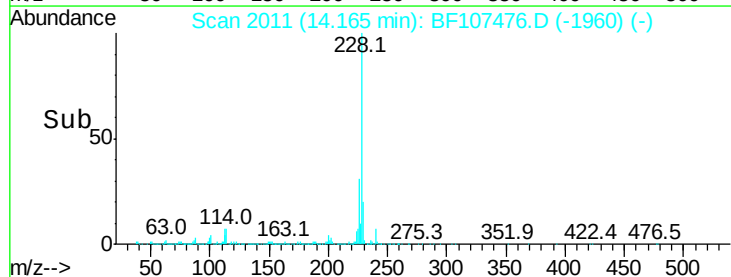
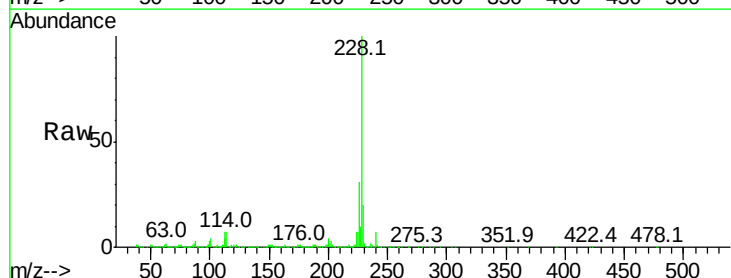
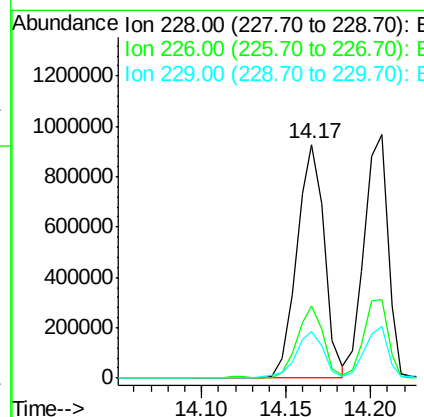
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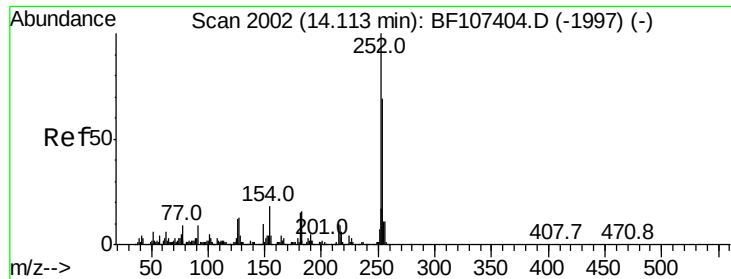
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#80
Benzo(a)anthracene
Concen: 48.512 ng
RT: 14.17 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF107476.D
Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	20.2	15.8	23.6





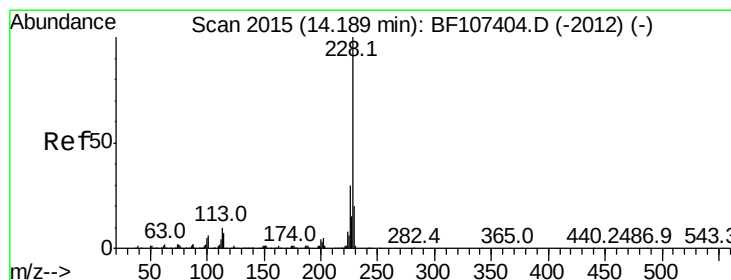
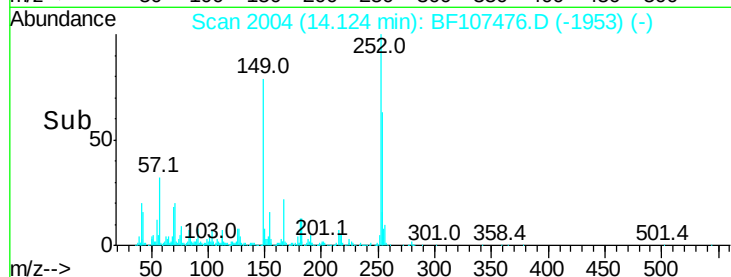
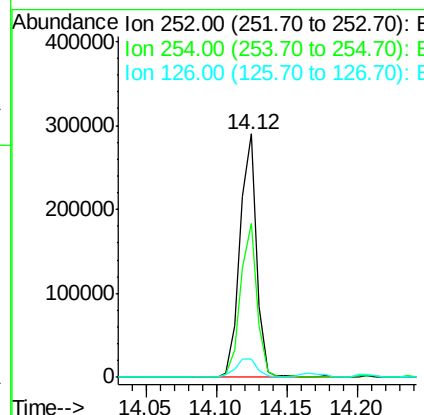
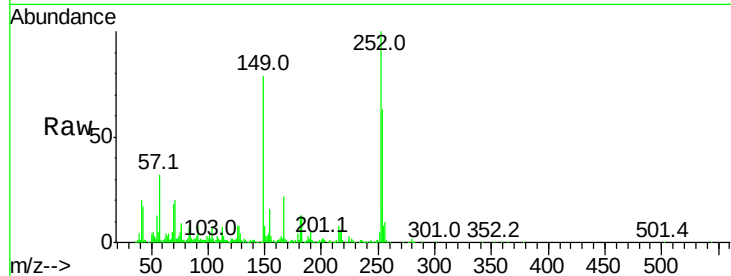
#81
 3,3'-Dichlorobenzidine
 Concen: 32.698 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	7.8	11.3	16.9

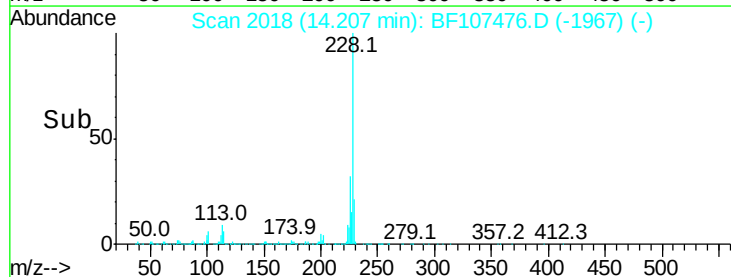
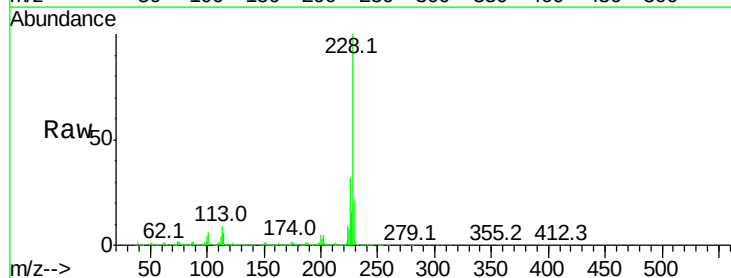
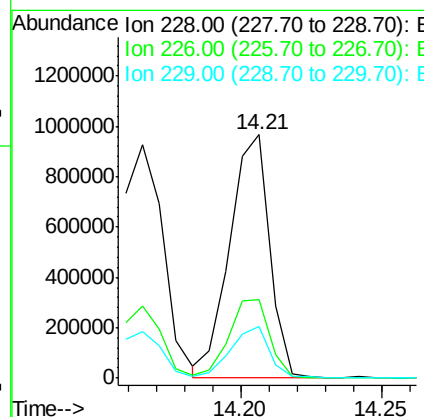
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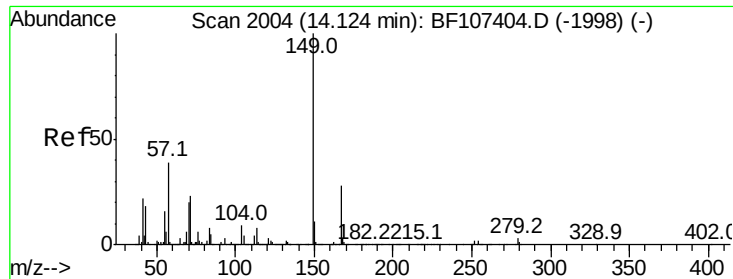
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#82
 Chrysene
 Concen: 45.465 ng
 RT: 14.21 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.0	37.6
229	21.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.742 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

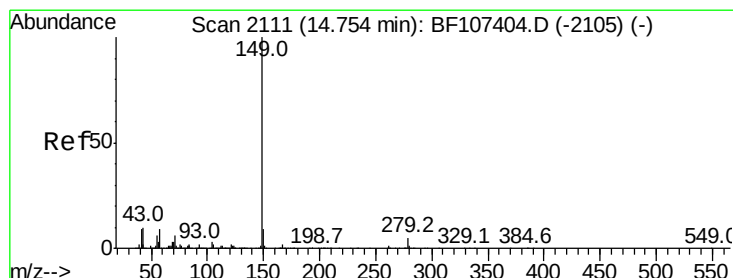
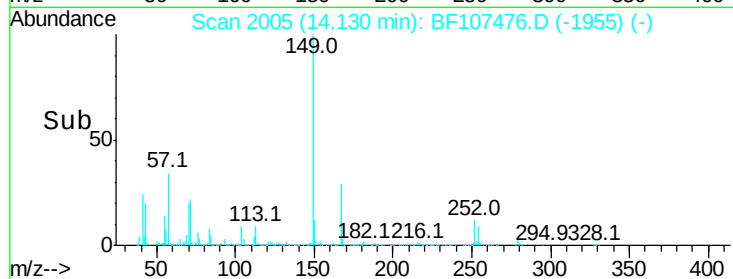
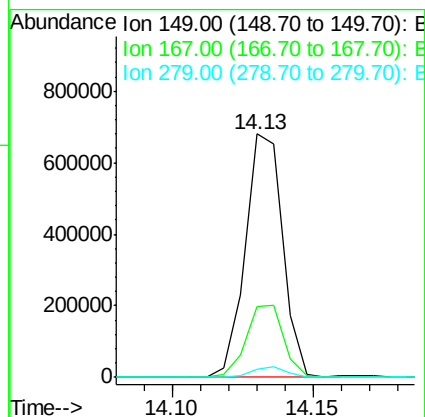
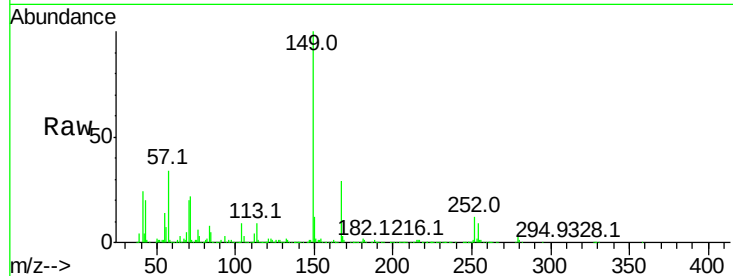
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:	149	Resp:	628132
Ion Ratio	Lower	Upper	
149	100		
167	29.0	21.3	31.9
279	3.3	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 51.185 ng

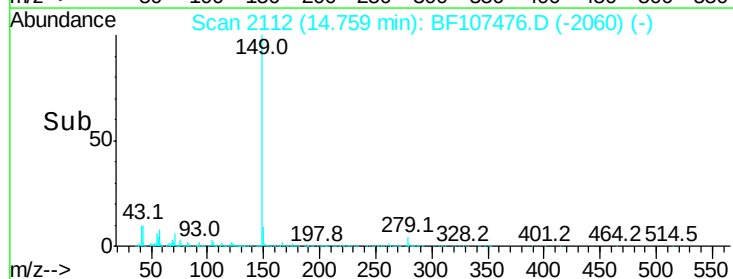
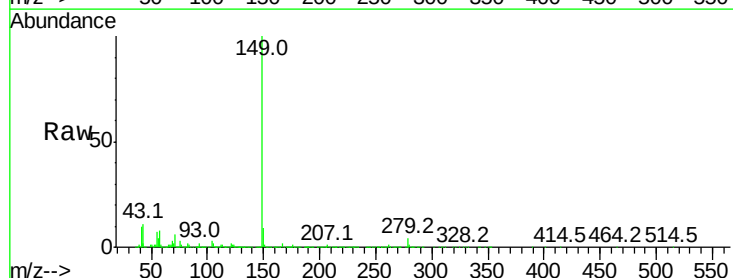
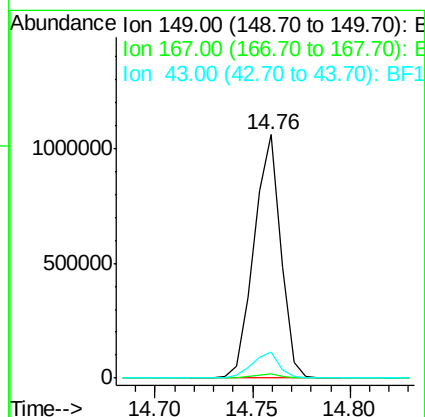
RT: 14.76 min Scan# 2112

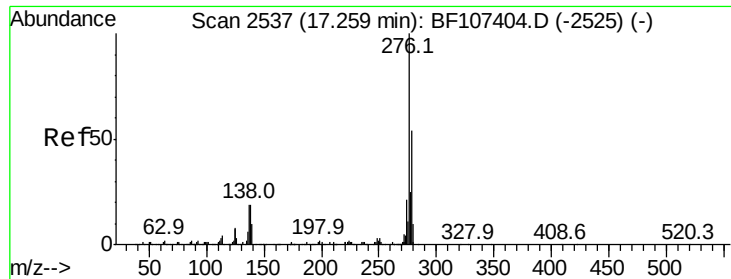
Delta R.T. 0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion:	149	Resp:	1004753
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8#
43	10.5	8.4	12.6





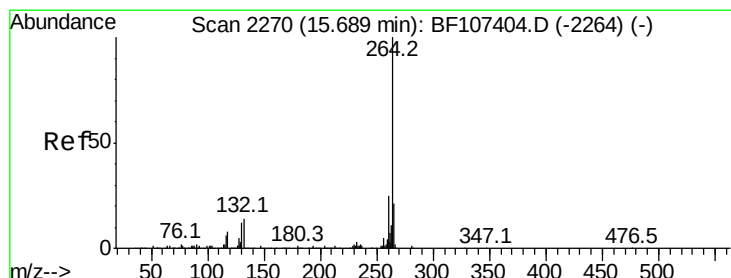
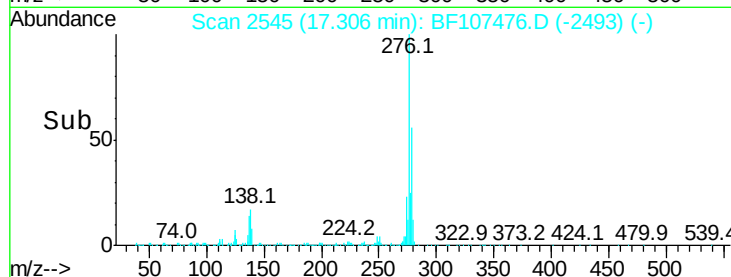
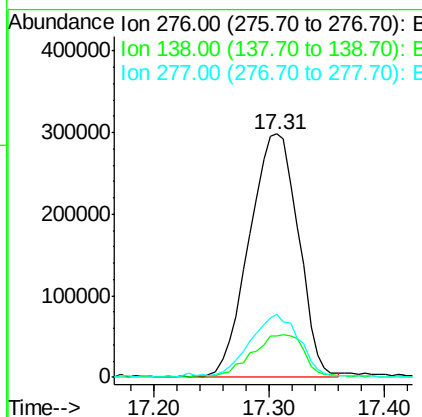
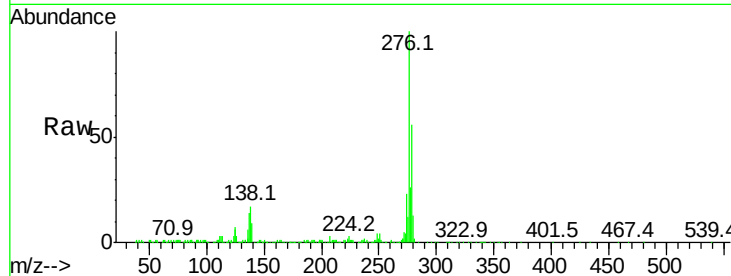
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.288 ng
 RT: 17.31 min Scan# 2545
 Delta R.T. 0.01 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-1@3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	25.0	37.6#
277	25.6	20.1	30.1

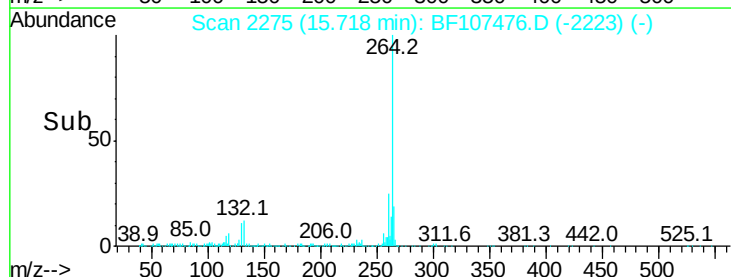
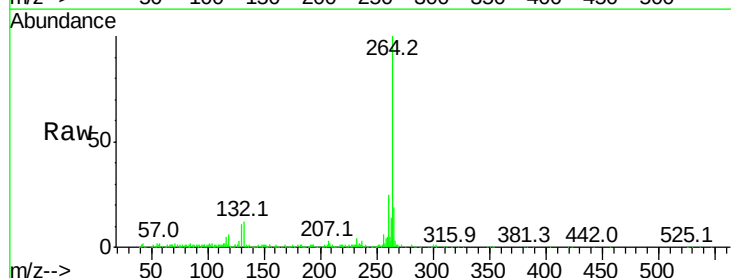
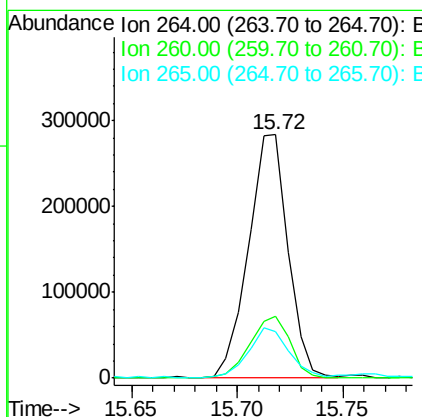
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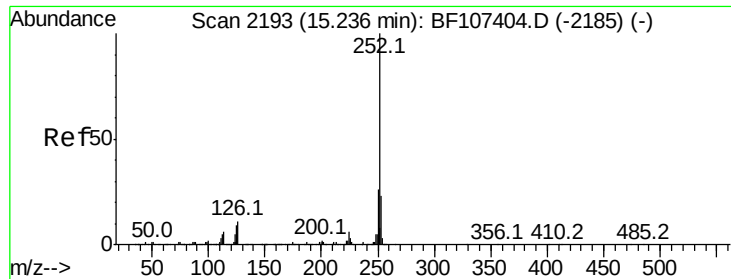
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	18.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 53.299 ng

RT: 15.26 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:252 Resp: 1150093

Ion Ratio Lower Upper

252 100

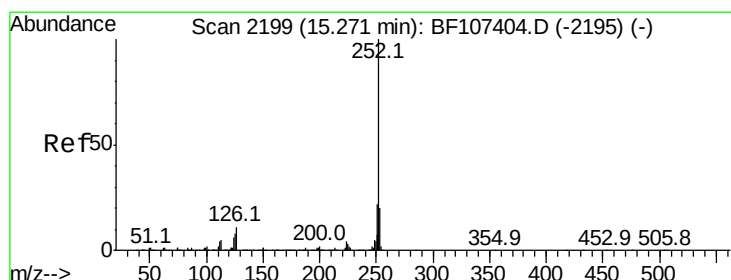
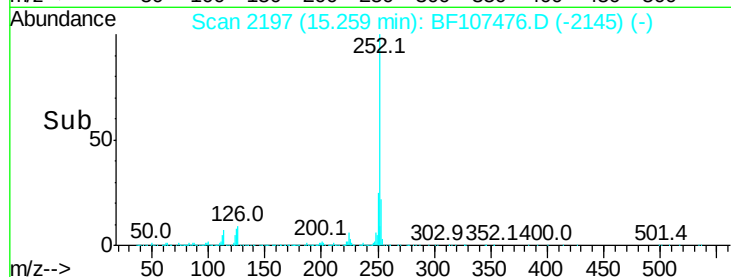
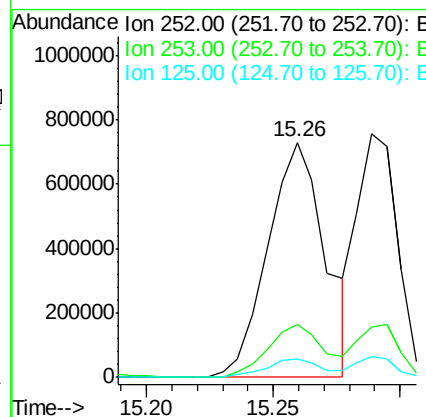
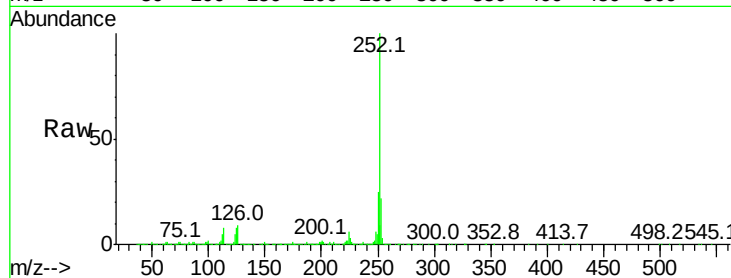
253 22.4 17.0 25.6

125 8.0 9.0 13.6#

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#88

Benzo(k)fluoranthene

Concen: 39.943 ng

RT: 15.29 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

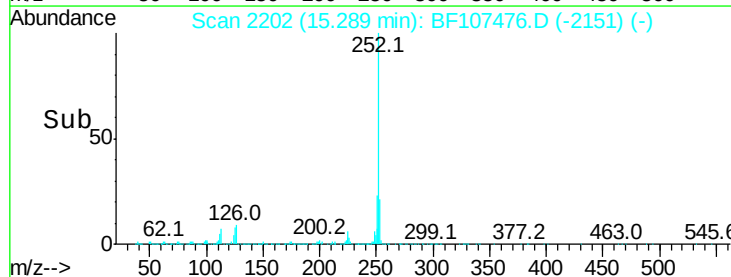
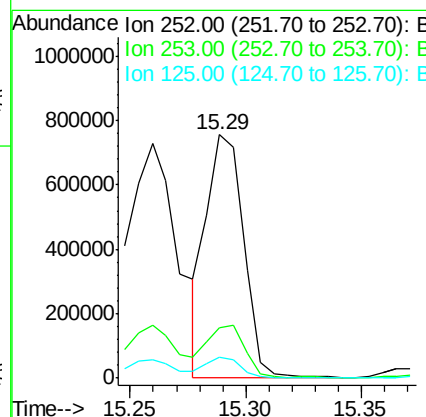
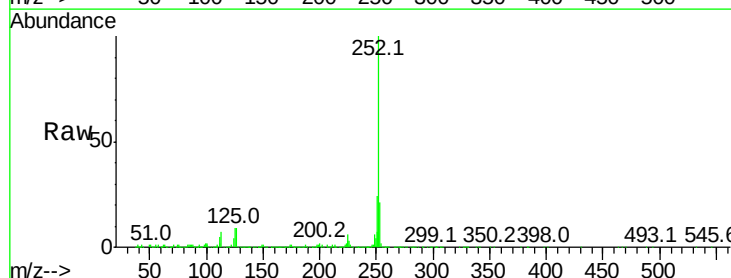
Tgt Ion:252 Resp: 841133

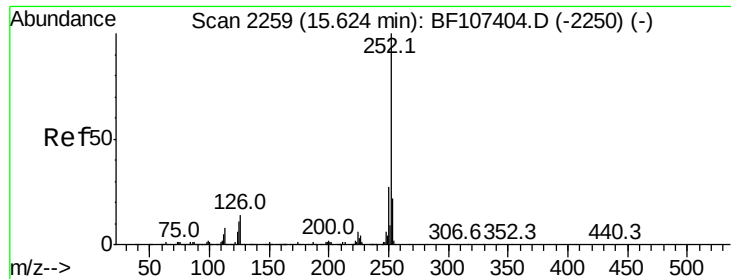
Ion Ratio Lower Upper

252 100

253 20.8 17.9 26.9

125 8.6 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 50.327 ng

RT: 15.65 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Instrument :

BNA_F

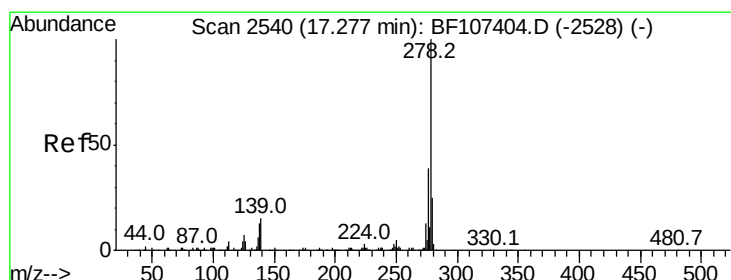
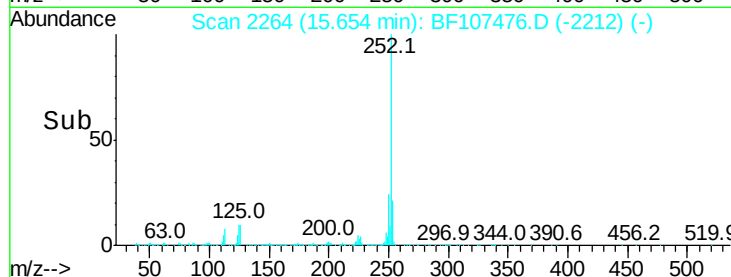
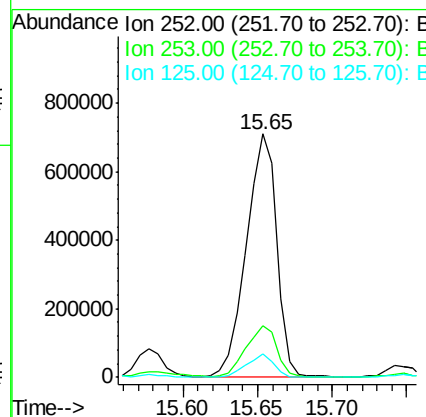
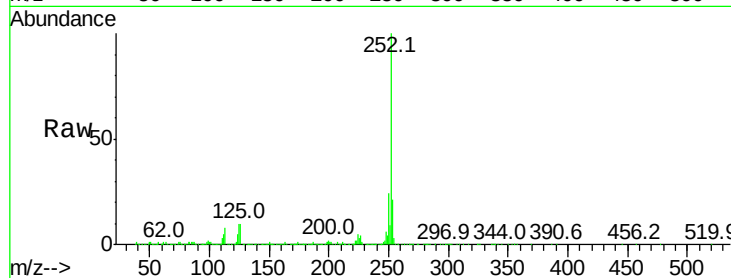
ClientSampleId :

CB-7-8-6-ST-EW-1@3MSD

Tot Ion:	252	Resp:	996748
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.1	25.7
125	9.8	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 47.381 ng

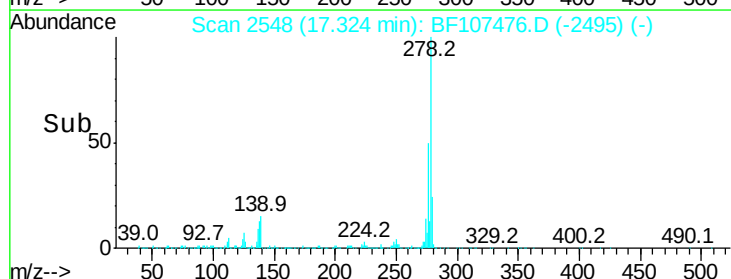
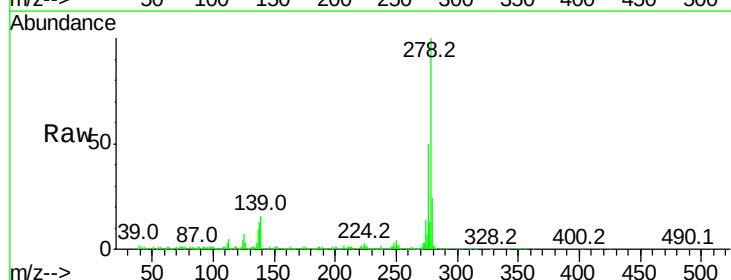
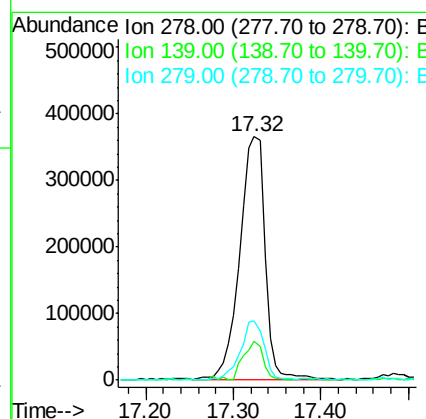
RT: 17.32 min Scan# 2548

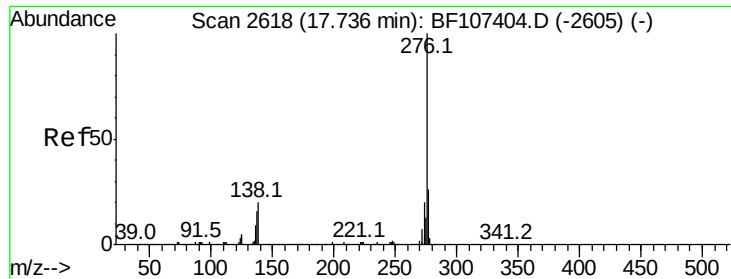
Delta R.T. 0.01 min

Lab File: BF107476.D

Acq: 18 Jul 2018 14:40

Tgt Ion:	278	Resp:	708226
Ion Ratio	Lower	Upper	
278	100		
139	15.7	15.9	23.9#
279	24.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.377 ng
 RT: 17.79 min Scan# 2628
 Delta R.T. 0.02 min
 Lab File: BF107476.D
 Acq: 18 Jul 2018 14:40

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-EW-1@3MSD

Tot Ion:	276	Resp:	719582
Ion Ratio	Lower	Upper	
276	100		
277	24.1	17.9	26.9
138	16.7	21.8	32.8#

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