

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107210.D
 Acq On : 7 Jul 2018 16:54
 Operator : JU/SJ
 Sample : J3879-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:34 PM

Quant Time: Jul 09 04:36:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66406	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	239267	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	115890	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	224394	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	156290	20.00	ng	-0.01
86) Perylene-d12	15.69	264	124563	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	441380	112.55	ng	0.00
7) Phenol-d6	6.61	99	545317	111.35	ng	0.00
23) Nitrobenzene-d5	7.52	82	353917	82.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	165947	123.55	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	617610	91.30	ng	-0.02
78) Terphenyl-d14	13.07	244	690401	107.00	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	61405	30.456	ng	97
3) Pyridine	3.61	79	185688	33.959	ng	96
4) n-Nitrosodimethylamine	3.58	42	79702	34.319	ng	# 79
6) Aniline	6.62	93	134355	20.224	ng	# 22
8) 2-Chlorophenol	6.75	128	174071	40.469	ng	99
9) Benzaldehyde	6.51	77	78872	20.761	ng	97
10) Phenol	6.62	94	221266	39.589	ng	82
11) bis(2-Chloroethyl)ether	6.69	93	184624	40.013	ng	98
12) 1,3-Dichlorobenzene	6.89	146	204211	40.536	ng	98
13) 1,4-Dichlorobenzene	6.97	146	207177	40.677	ng	98
14) 1,2-Dichlorobenzene	7.12	146	191499	41.026	ng	98
15) Benzyl Alcohol	7.10	79	141311	35.935	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	246995	40.800	ng	# 44
17) 2-Methylphenol	7.22	107	152003	41.294	ng	# 87
18) Hexachloroethane	7.45	117	57477	32.091	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	124948	38.705	ng	92
20) 3+4-Methylphenols	7.37	107	200791	53.247	ng	97
22) Acetophenone	7.36	105	248644	46.449	ng	# 98
24) Nitrobenzene	7.54	77	189485	43.108	ng	96
25) Isophorone	7.78	82	342263	45.113	ng	99
26) 2-Nitrophenol	7.85	139	89755	43.254	ng	93
27) 2,4-Dimethylphenol	7.90	122	163257	50.902	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	226911	44.545	ng	98
29) 2,4-Dichlorophenol	8.11	162	162612	48.428	ng	93
30) 1,2,4-Trichlorobenzene	8.17	180	176084	47.602	ng	98
31) Naphthalene	8.26	128	510548	45.640	ng	100
32) Benzoic acid	7.99	122	6935	8.349	ng	94
33) 4-Chloroaniline	8.31	127	92728	19.755	ng	99
34) Hexachlorobutadiene	8.36	225	117224	48.635	ng	98
35) Caprolactam	8.69	113	48999m	44.766	ng	
36) 4-Chloro-3-methylphenol	8.81	107	153267	43.365	ng	95
37) 2-Methylnaphthalene	8.95	142	358911	48.406	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	183340	46.976	ng	# 95
40) Hexachlorocyclopentadiene	9.09	237	5618	2.798	ng	94

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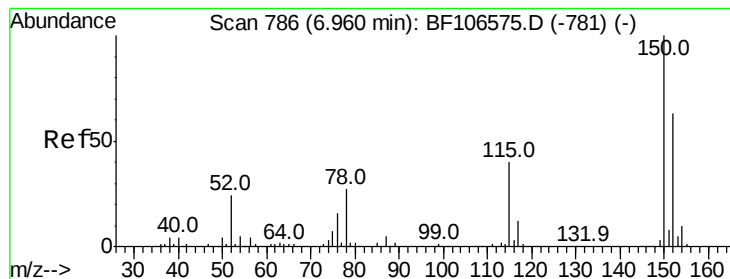
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	106639	41.106	nq	93
43) 2,4,5-Trichlorophenol	9.29	196	105174	38.852	nq #	88
45) 1,1'-Biphenyl	9.41	154	421782	45.668	nq	98
46) 2-Chloronaphthalene	9.44	162	304141	41.835	nq	96
47) 2-Nitroaniline	9.55	65	101559	41.543	nq	99
48) Acenaphthylene	9.86	152	470704	41.010	nq	99
49) Dimethylphthalate	9.71	163	533182	61.342	nq	98
50) 2,6-Dinitrotoluene	9.78	165	79042	42.945	nq	93
51) Acenaphthene	10.03	154	285745	39.535	nq	98
52) 3-Nitroaniline	9.96	138	71667	33.838	nq	99
53) 2,4-Dinitrophenol	10.08	184	5403	10.621	nq #	20
54) Dibenzofuran	10.20	168	432536	43.704	nq	97
55) 4-Nitrophenol	10.14	139	78545	53.129	nq	94
56) 2,4-Dinitrotoluene	10.20	165	91244	37.980	nq #	95
57) Fluorene	10.55	166	338710	43.128	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	93603	43.499	nq #	77
59) Diethylphthalate	10.41	149	347110	41.376	nq #	94
60) 4-Chlorophenyl-phenylether	10.53	204	181093	44.070	nq #	85
61) 4-Nitroaniline	10.58	138	85801	40.819	nq	97
62) Azobenzene	10.70	77	311718	37.733	nq	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	15059	10.857	nq #	72
65) n-Nitrosodiphenylamine	10.65	169	297910	39.471	nq	100
66) 4-Bromophenyl-phenylether	11.02	248	121542	45.385	nq #	78
67) Hexachlorobenzene	11.10	284	125390	44.736	nq #	79
68) Atrazine	11.18	200	100991	42.090	nq	95
69) Pentachlorophenol	11.30	266	66329	47.427	nq	98
70) Phenanthrene	11.52	178	572191	52.868	nq	99
71) Anthracene	11.57	178	522130	47.264	nq	99
72) Carbazole	11.73	167	447728	43.289	nq	98
73) Di-n-butylphthalate	12.03	149	522469	42.879	nq	99
74) Fluoranthene	12.71	202	723139	60.620	nq	96
76) Benzo(a)pyrene	12.83	184	199219	44.757	nq	97
77) Pyrene	12.95	202	702159	68.130	nq	100
79) Butylbenzylphthalate	13.54	149	207711	49.018	nq #	97
80) Benzo(a)anthracene	14.14	228	553990	58.159	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	113946	34.036	nq #	96
82) Chrysene	14.18	228	480443	54.824	nq	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	271531	50.122	nq #	96
84) Di-n-octyl phthalate	14.72	149	409028	46.320	nq #	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	366594	49.295	nq #	87
87) Benzo(b)fluoranthene	15.24	252	452265	58.449	nq #	96
88) Benzo(k)fluoranthene	15.27	252	372799	50.592	nq #	96
89) Benzo(a)pyrene	15.63	252	388334m	56.454	nq	
90) Dibenzo(a,h)anthracene	17.30	278	270494	46.400	nq #	94
91) Benzo(g,h,i)perylene	17.78	276	311948	54.747	nq #	89

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



#1

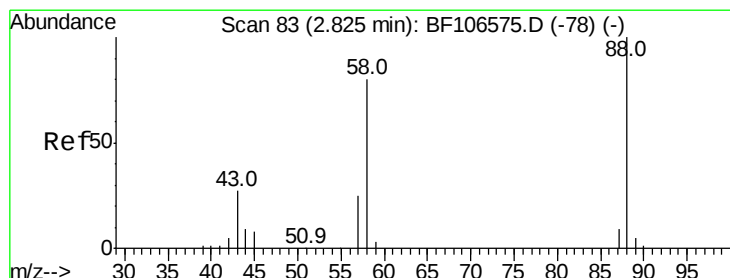
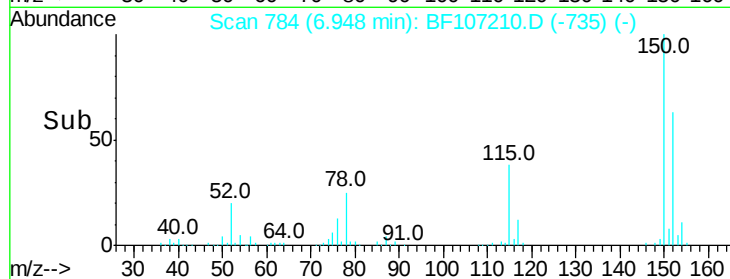
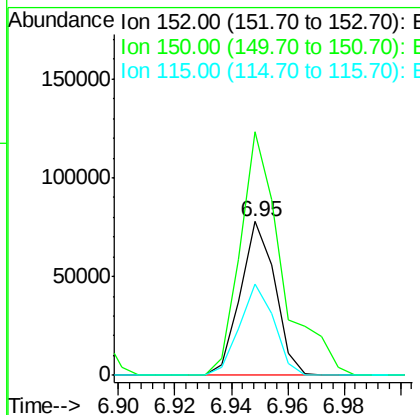
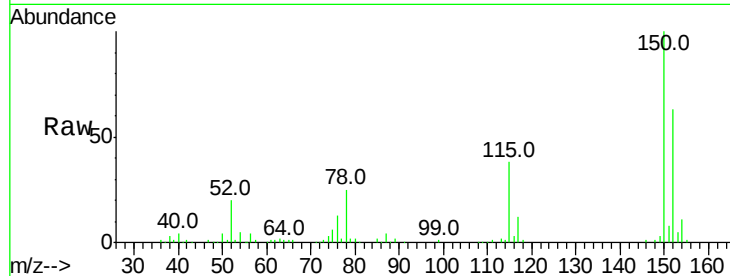
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	59.6	50.1	75.1

Manual Integrations
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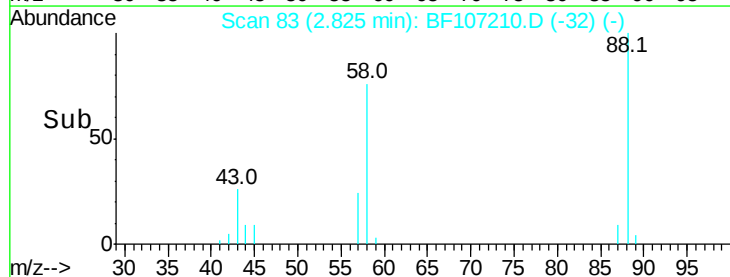
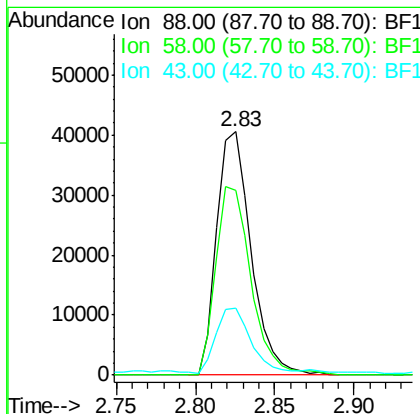
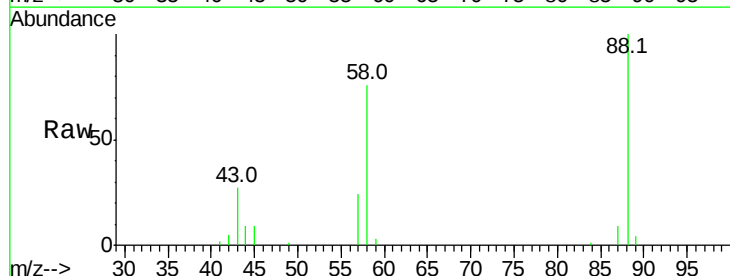
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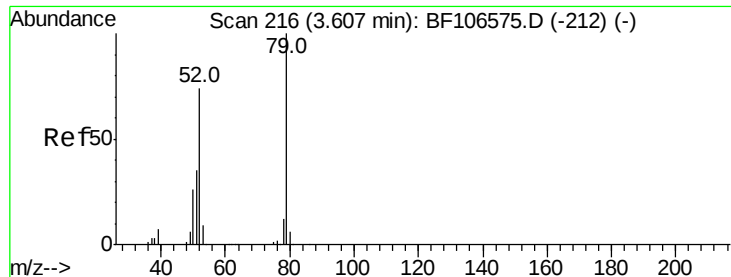


#2

1,4-Dioxane
Concen: 30.456 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.00 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.6	62.6	93.8
43	26.9	24.6	37.0





#3

Pvridine

Concen: 33.959 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

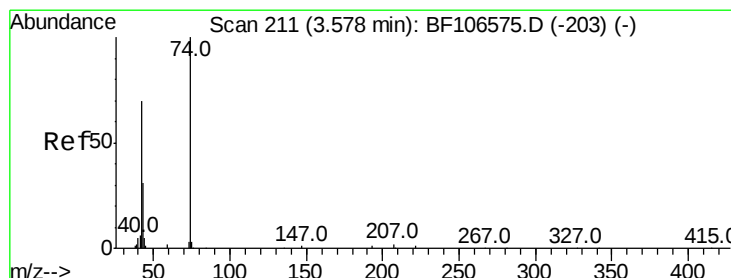
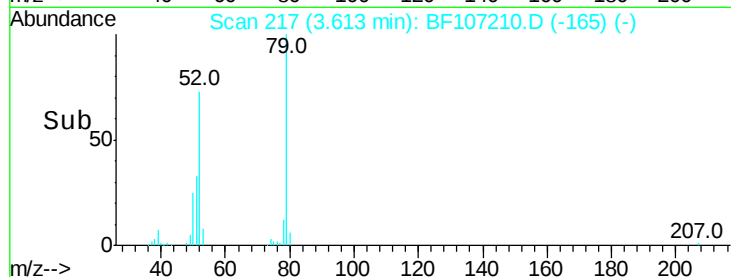
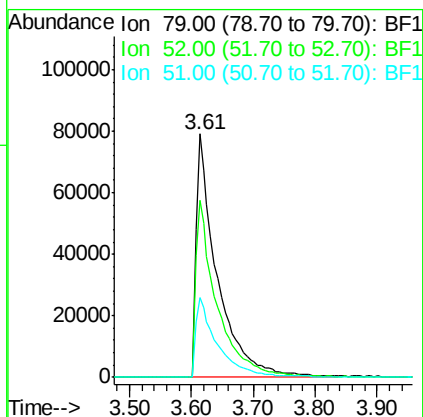
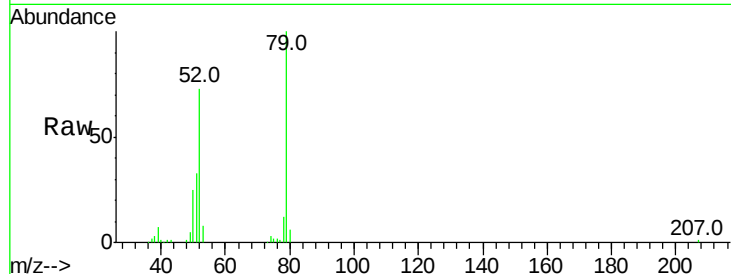
ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion:	79	Resp:	185688
Ion Ratio	Lower	Upper	
79	100		
52	72.5	59.8	89.6
51	32.8	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.319 ng

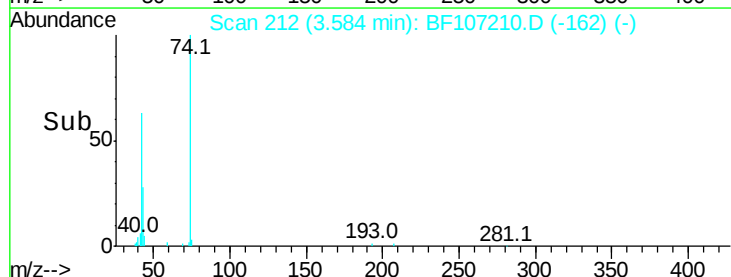
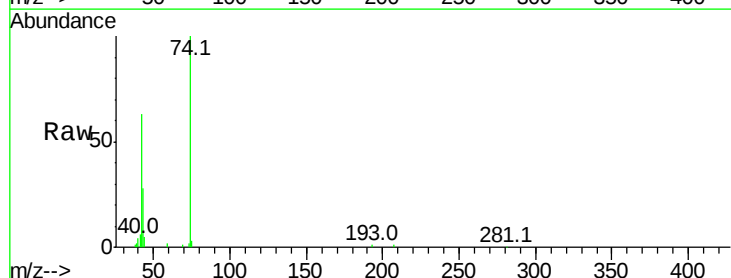
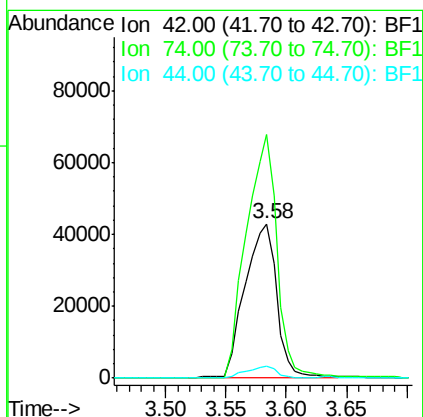
RT: 3.58 min Scan# 212

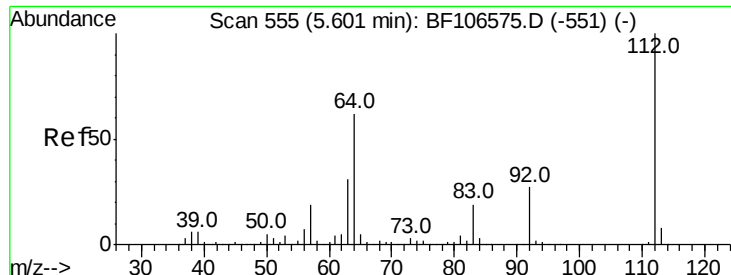
Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Tgt Ion:	42	Resp:	79702
Ion Ratio	Lower	Upper	
42	100		
74	157.7	104.9	157.3#
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 112.550 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

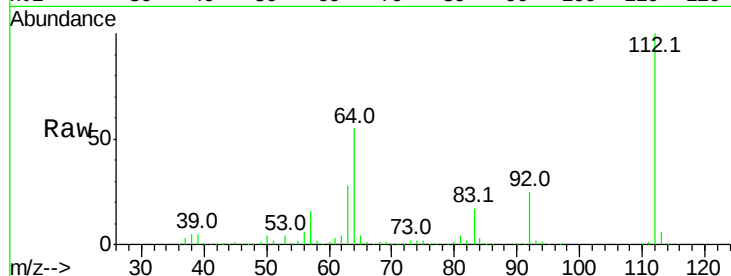
ClientSampleId :

SURCHARGE-SP-1MSD

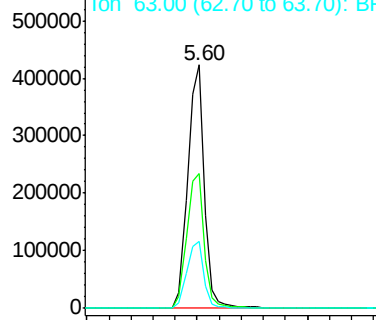
Tot Ion:	112	Resp:	441380
Ion Ratio	Lower	Upper	
112	100		
64	55.2	47.9	71.9
63	27.6	23.7	35.5

Manual Integrations
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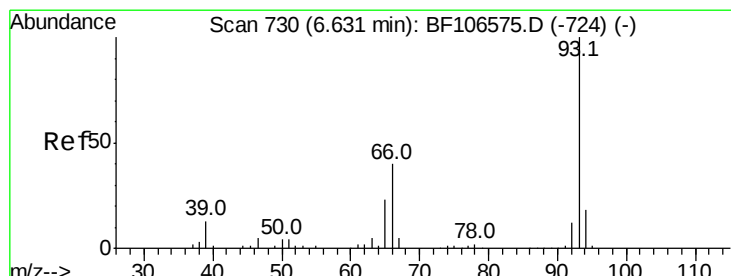
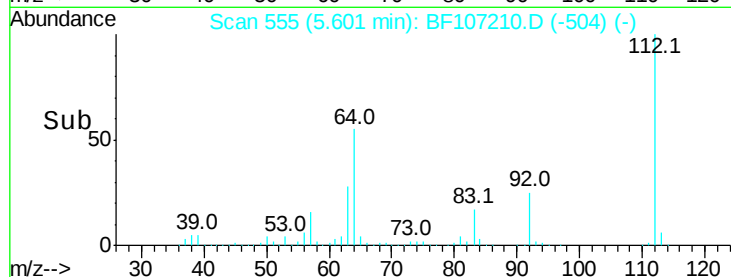
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time--> 5.50 5.60 5.70



#6

Aniline

Concen: 20.224 ng

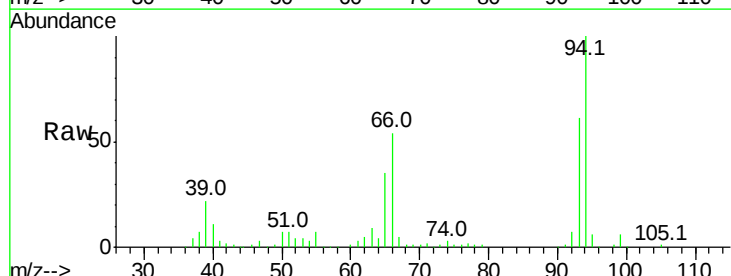
RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

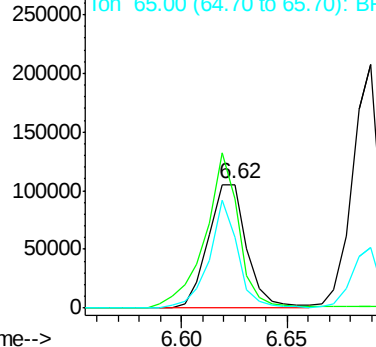
Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

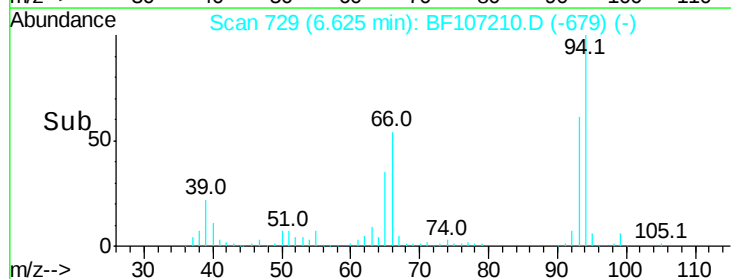
Tgt Ion:	93	Resp:	134355
Ion Ratio	Lower	Upper	
93	100		
66	87.7	32.2	48.2#
65	57.6	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



Time--> 6.60 6.65





#7

Phenol-d6

Concen: 111.349 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

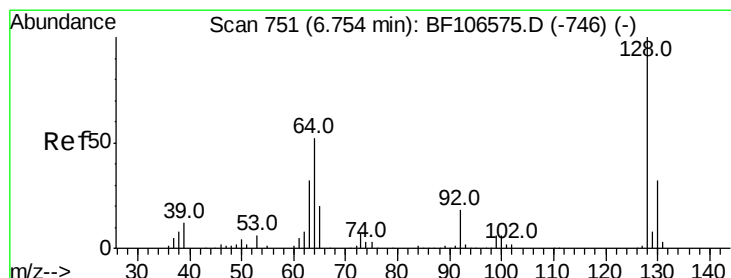
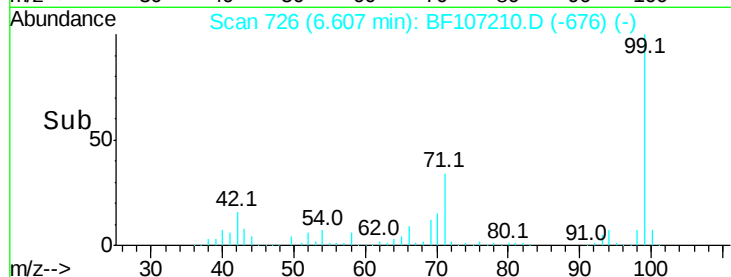
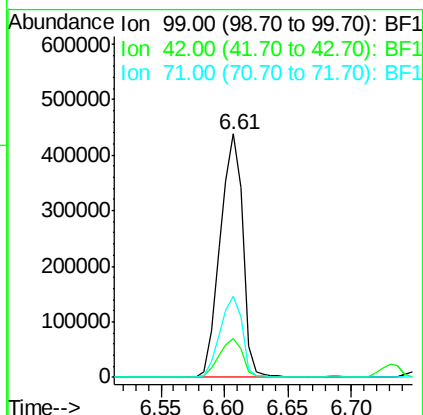
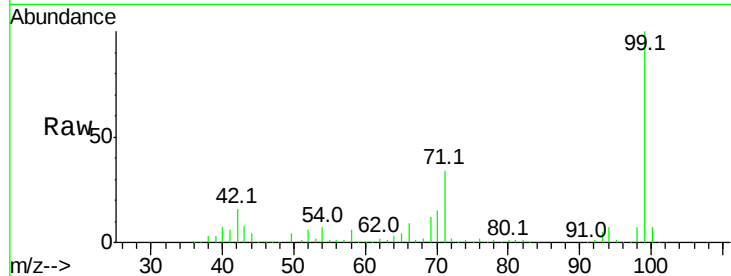
ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion:	99	Resp:	545317
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	33.5	25.4	38.0

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#8

2-Chlorophenol

Concen: 40.469 ng

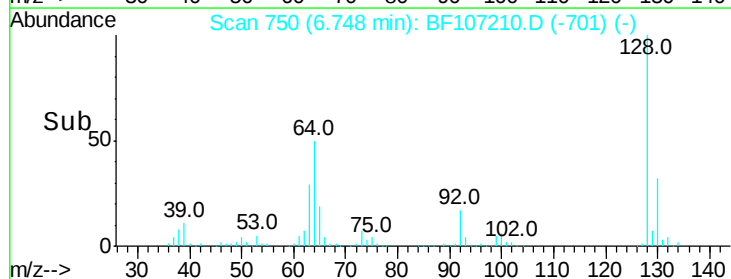
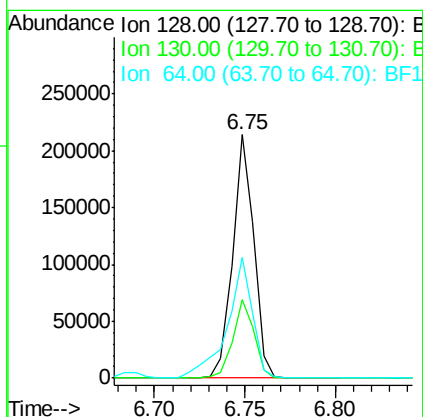
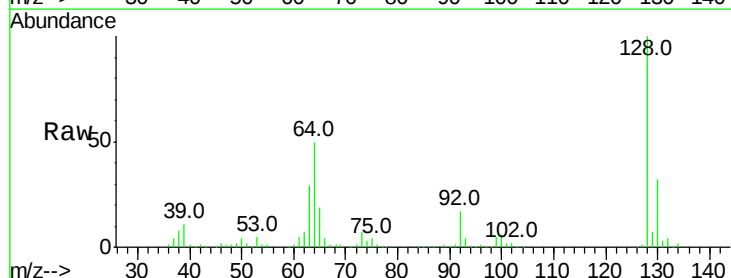
RT: 6.75 min Scan# 750

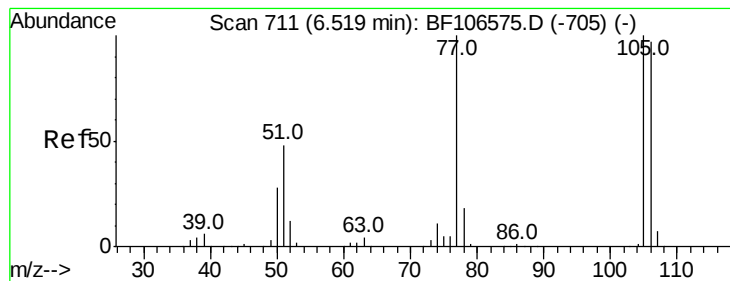
Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Tgt Ion:	128	Resp:	174071
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	49.7	29.4	69.4





#9

Benzaldehyde

Concen: 20.761 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion: 77 Resp: 78872

Ion Ratio Lower Upper

77 100

105 102.9 81.1 121.1

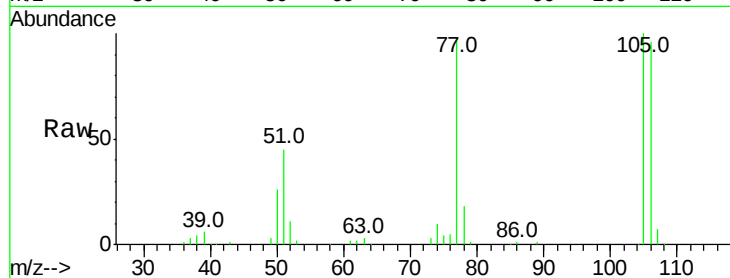
106 98.4 74.5 114.5

Manual Integrations

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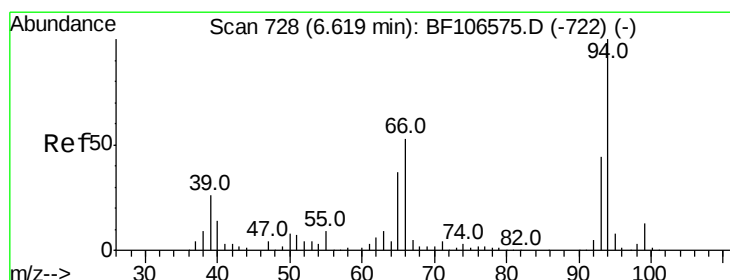
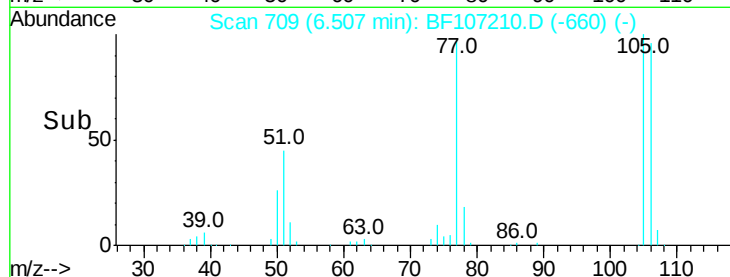
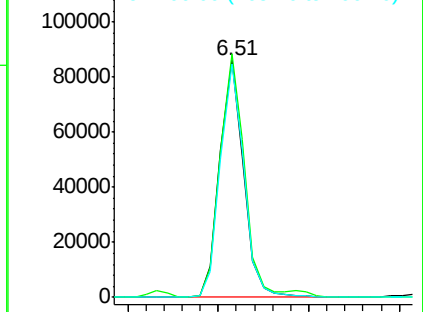
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.589 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

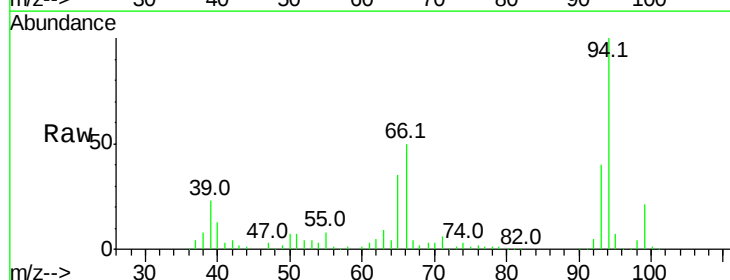
Tgt Ion: 94 Resp: 221266

Ion Ratio Lower Upper

94 100

65 34.6 7.9 47.9

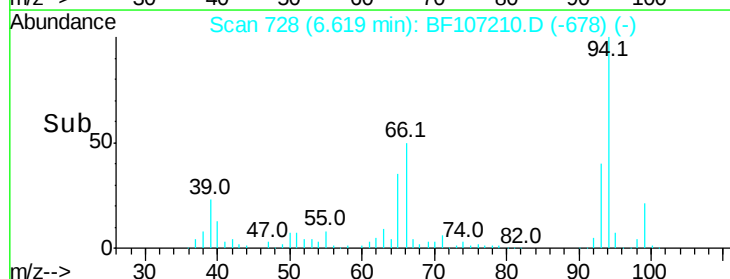
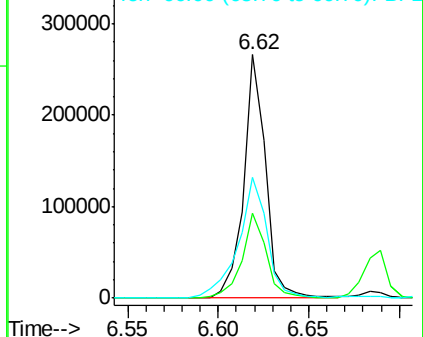
66 49.5 16.2 56.2

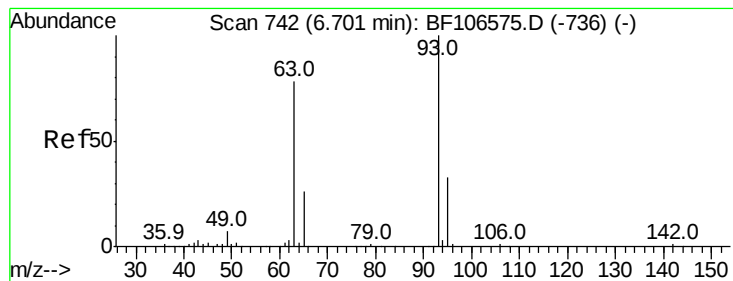


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





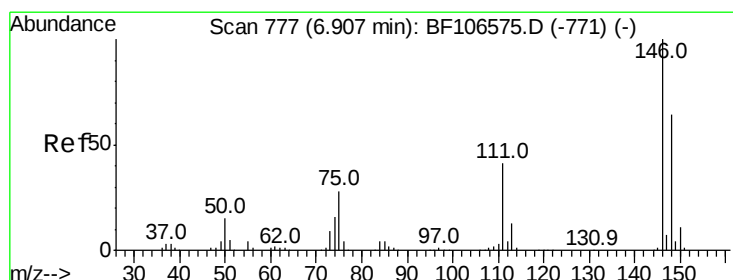
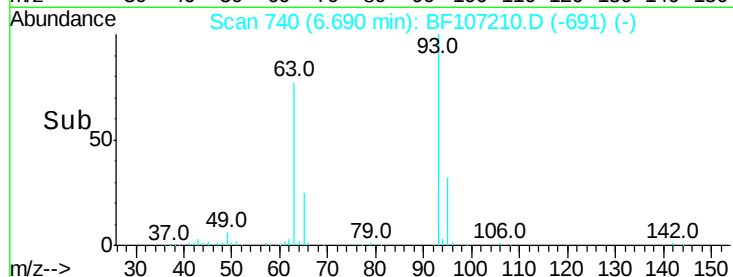
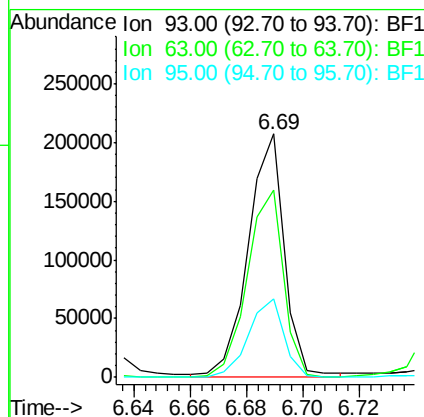
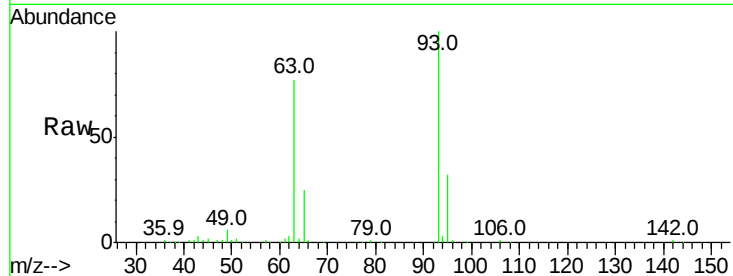
#11
bis(2-Chloroethyl)ether
Concen: 40.013 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.7	58.6	98.6
95	32.1	11.8	51.8

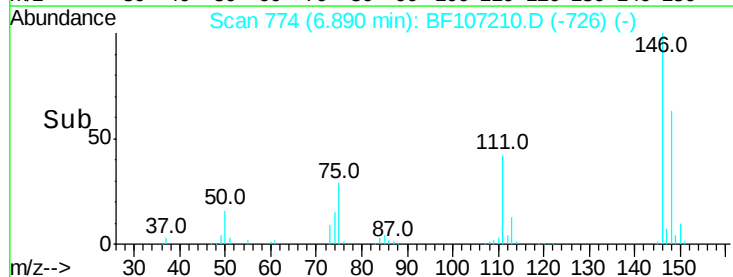
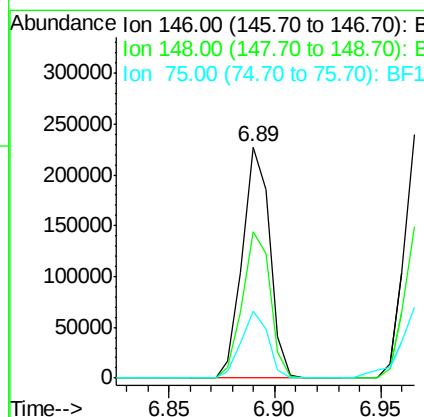
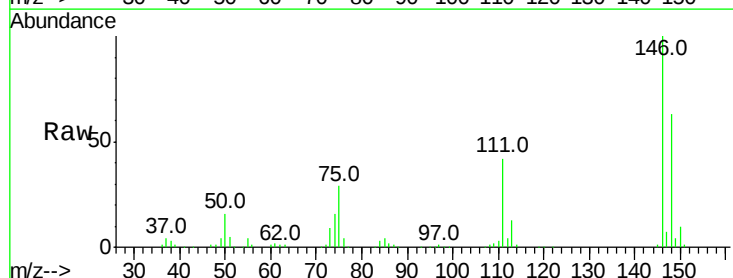
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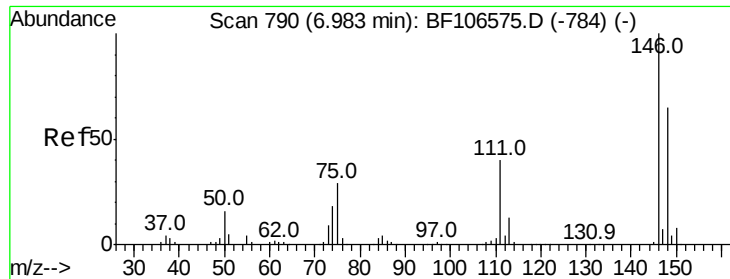
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#12
1,3-Dichlorobenzene
Concen: 40.536 ng
RT: 6.89 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	29.2	24.2	36.4





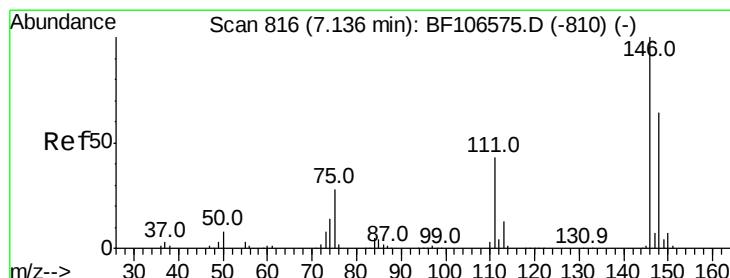
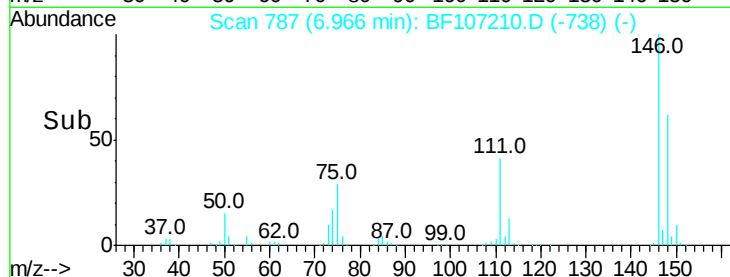
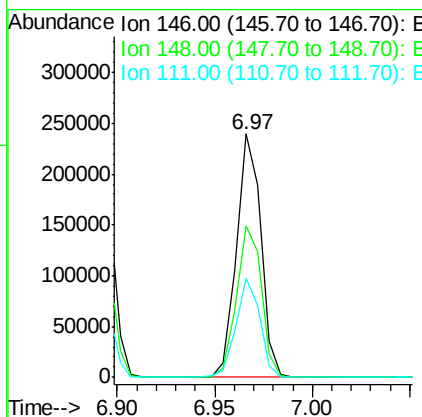
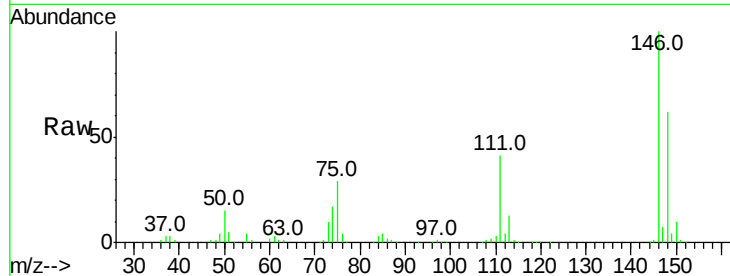
#13
 1,4-Dichlorobenzene
 Concen: 40.677 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.8	76.2
111	40.6	34.2	51.2

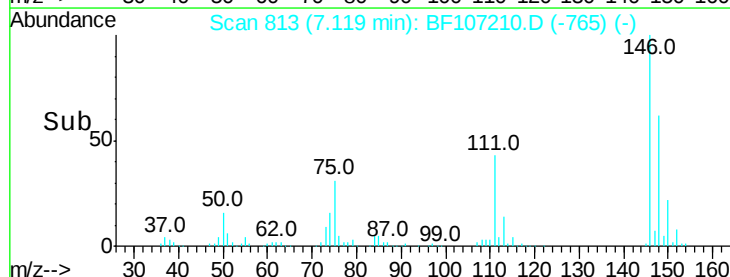
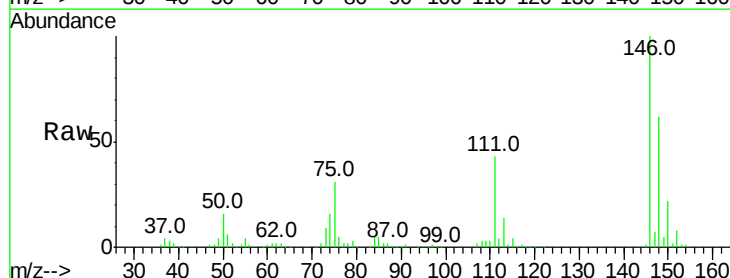
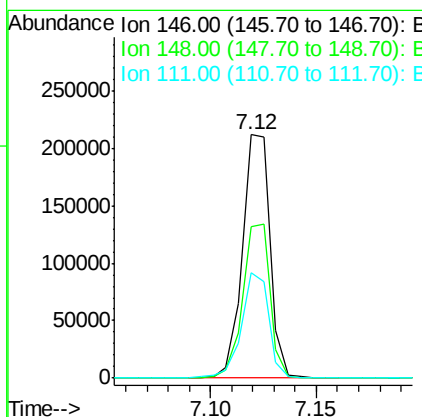
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#14
 1,2-Dichlorobenzene
 Concen: 41.026 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.6	75.8
111	43.2	36.0	54.0





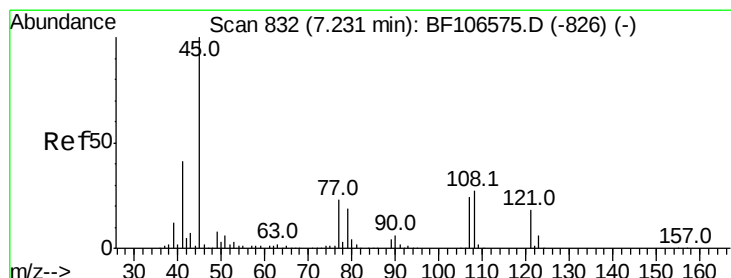
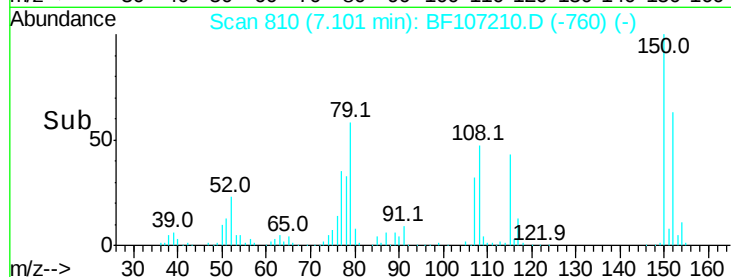
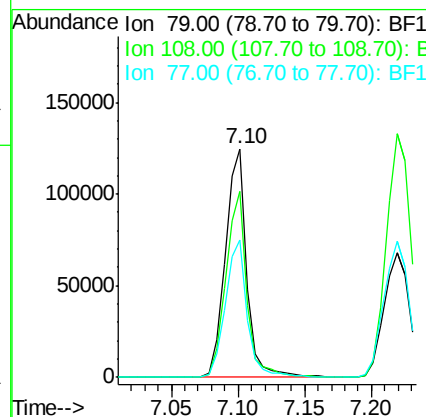
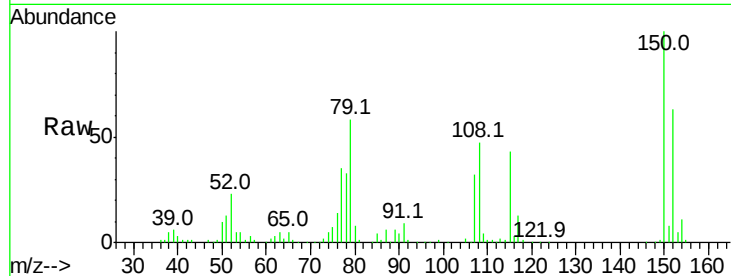
#15
Benzyl Alcohol
Concen: 35.935 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.1	65.1	97.7
77	59.9	50.6	75.8

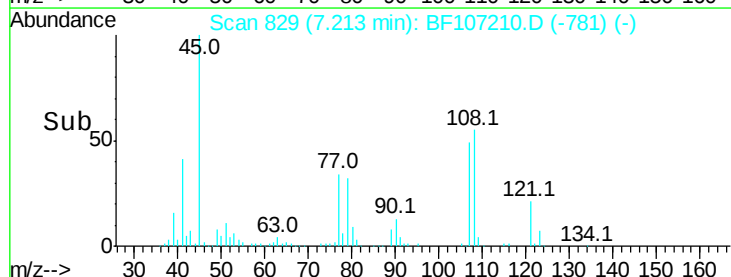
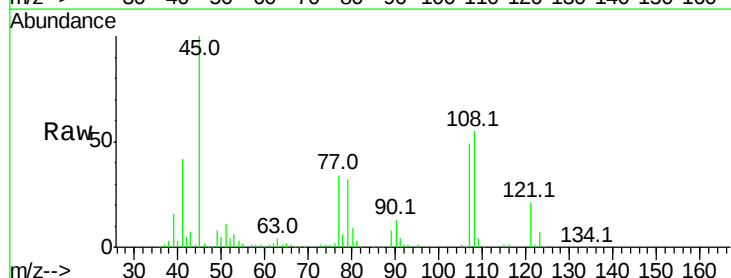
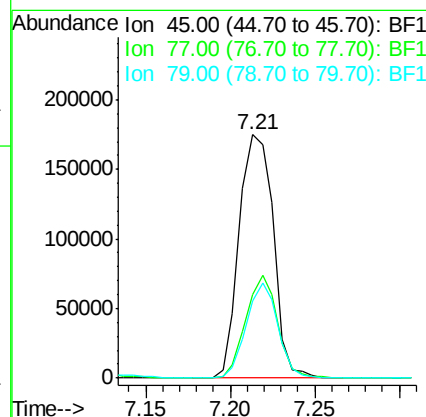
Manual Integrations
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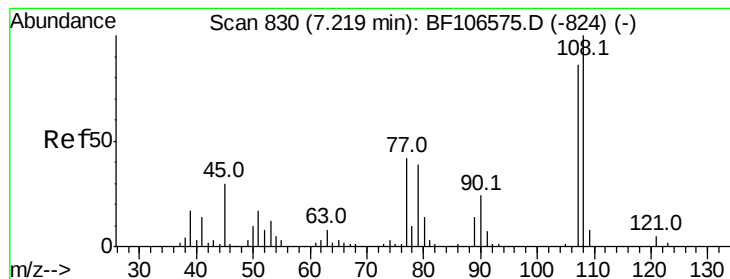
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.800 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.2	0.0	32.9#
79	31.5	0.0	29.6#





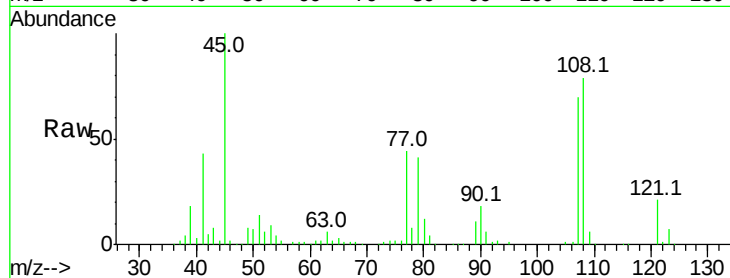
#17
2-Methylphenol
Concen: 41.294 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	62.8	33.8	50.8#
79	57.6	33.8	50.8#

Manual Integrations
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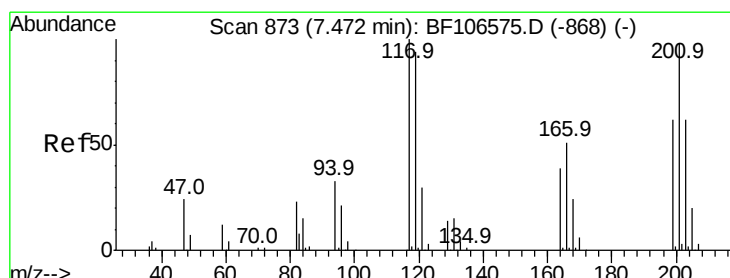
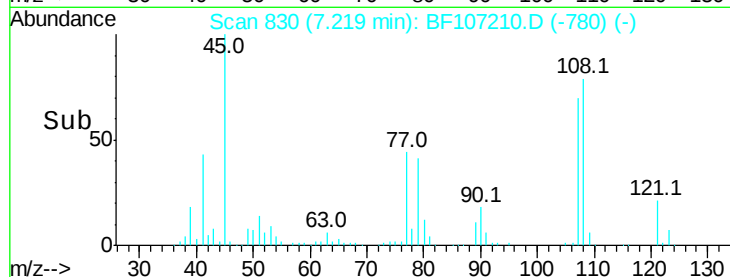
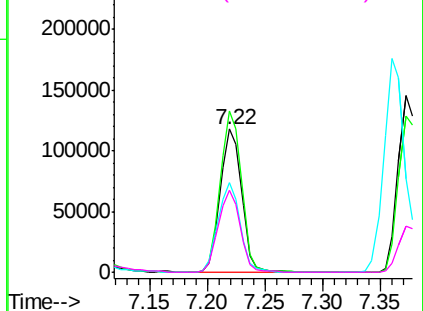
Abundance

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: 32.091 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

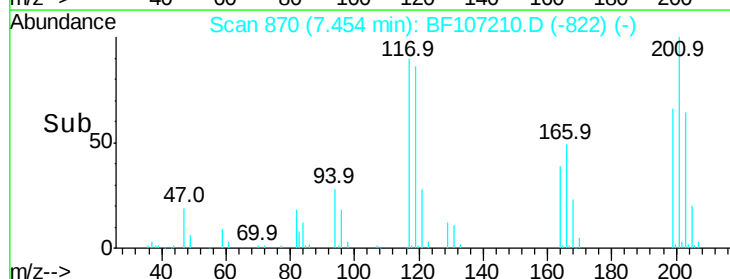
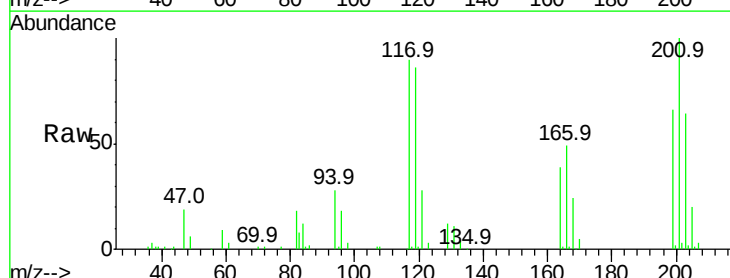
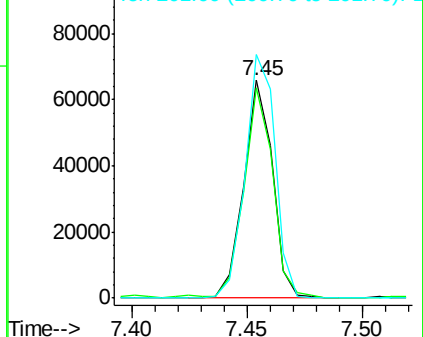
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	111.7	75.7	113.5

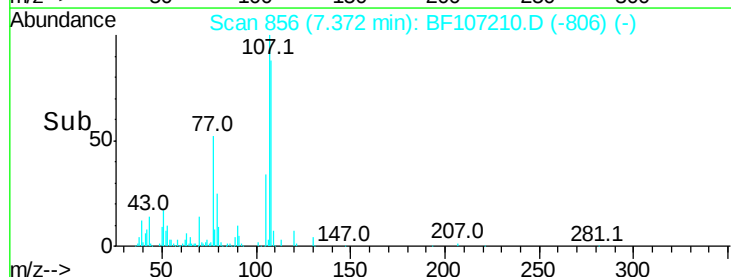
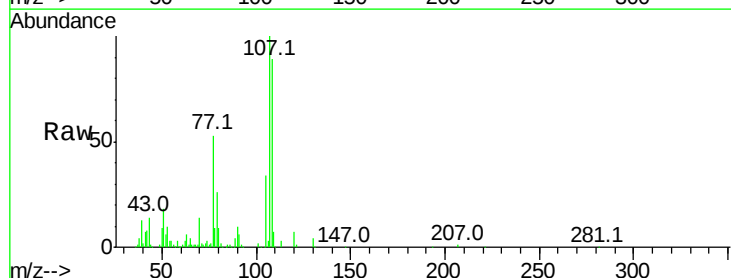
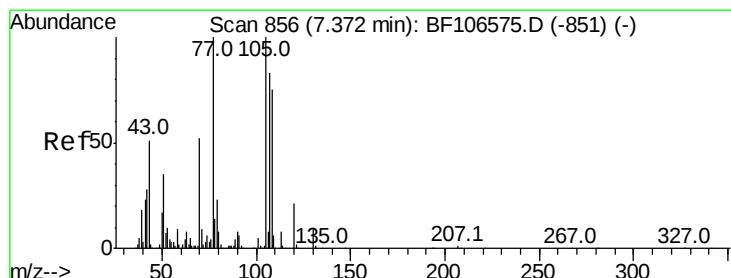
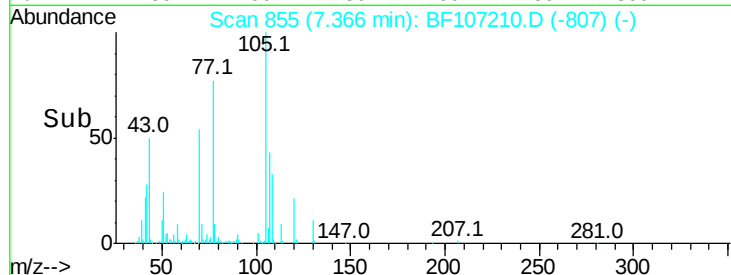
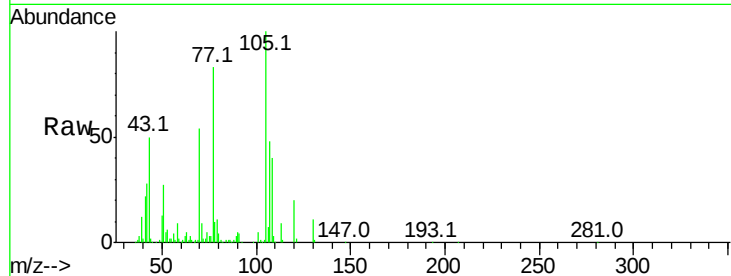
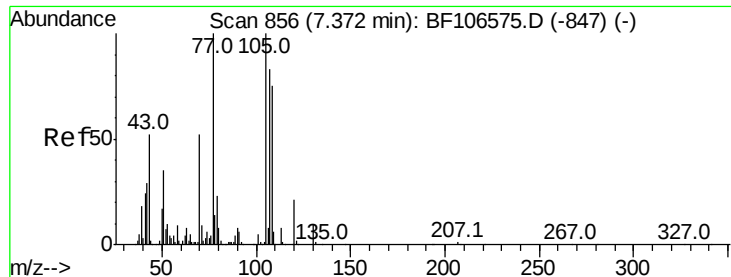
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

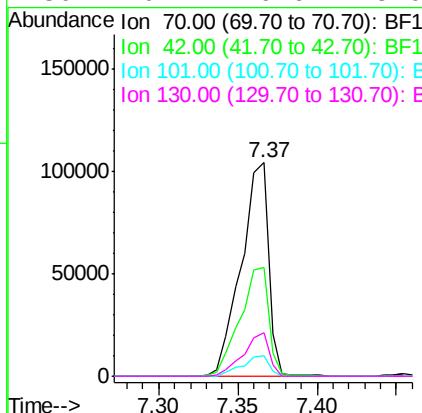
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 38.705 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	9.8	7.4	11.2
130	20.4	16.6	25.0



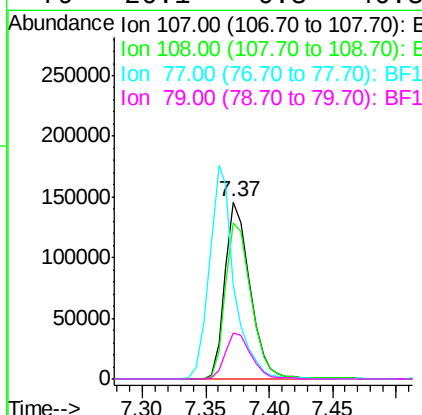
Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

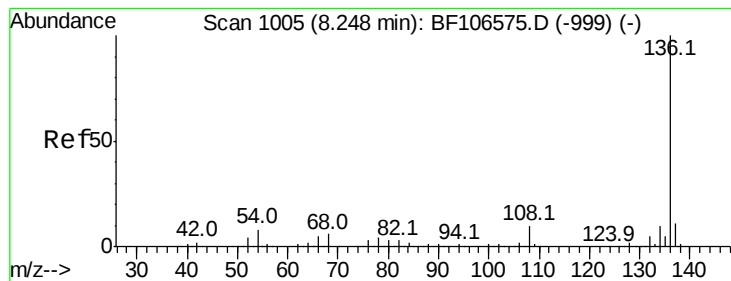
Manual Integrations
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#20
3+4-Methylphenols
Concen: 53.247 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	52.8	26.7	66.7
79	26.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

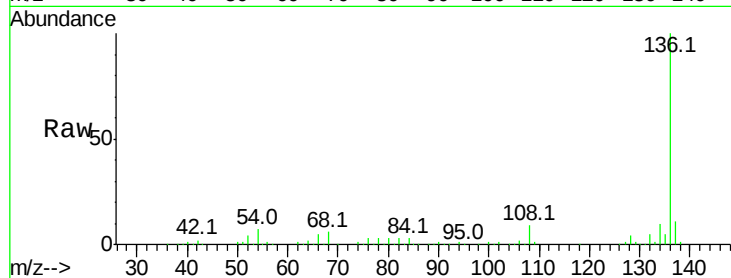
ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	239267		
137	10.7		8.9	13.3
54	7.5		6.6	9.8
68	5.9		5.0	7.4

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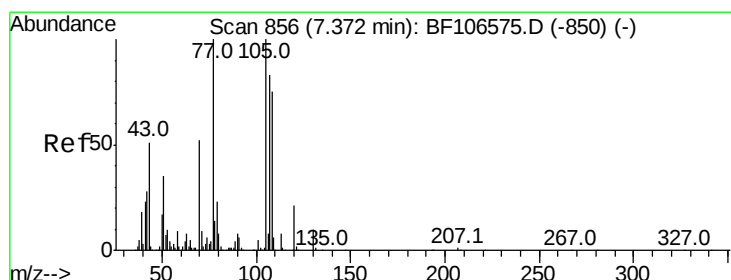
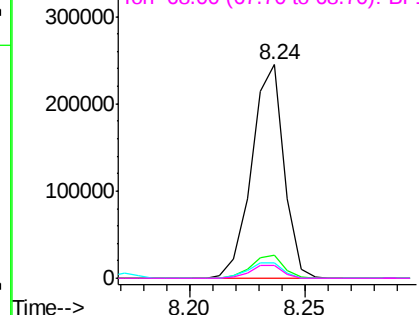
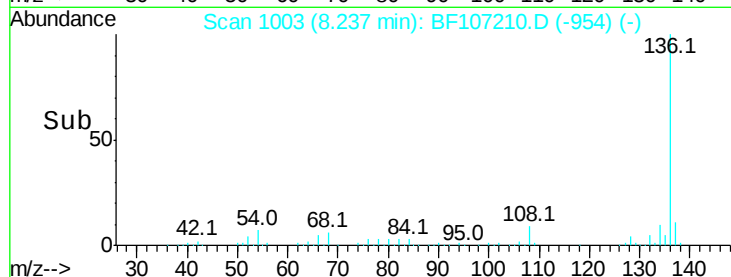


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.449 ng

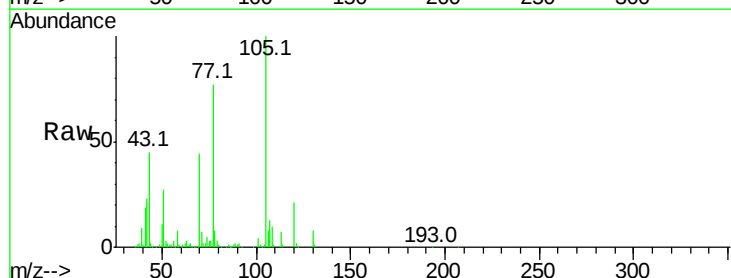
RT: 7.36 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248644		
71	7.4		4.4	6.6#
51	26.7		22.3	33.5
120	21.0		16.9	25.3

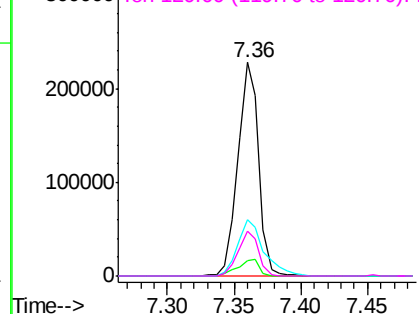
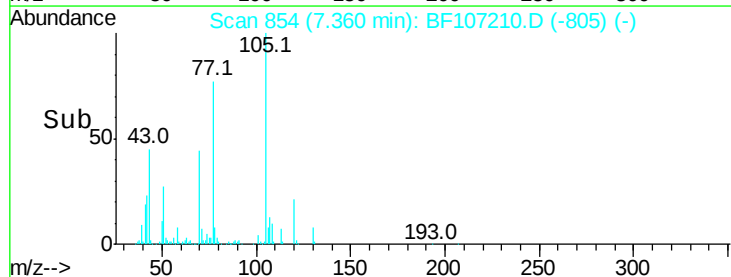


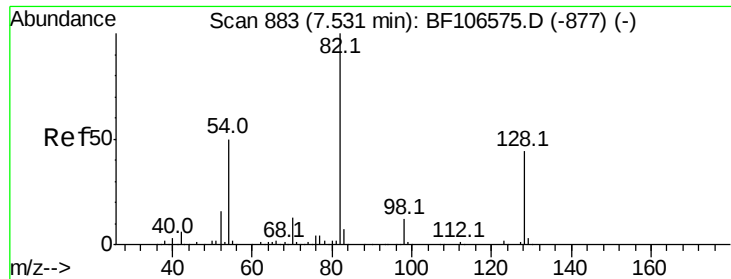
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





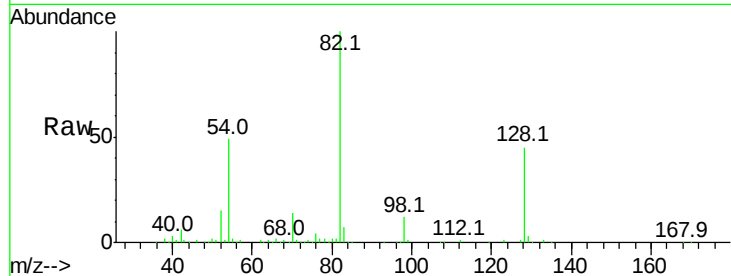
#23
Nitrobenzene-d5
Concen: 82.203 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

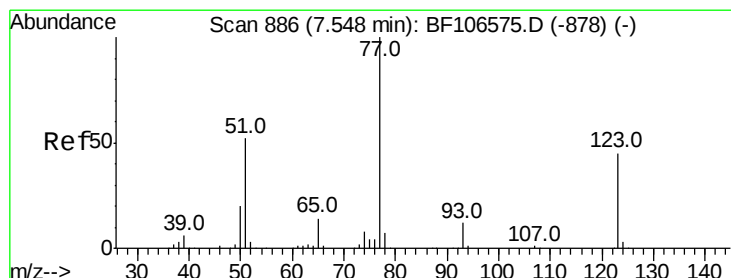
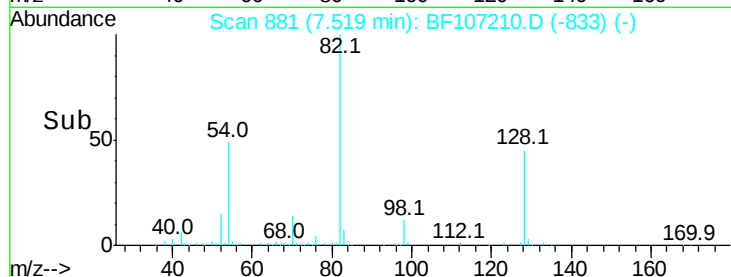
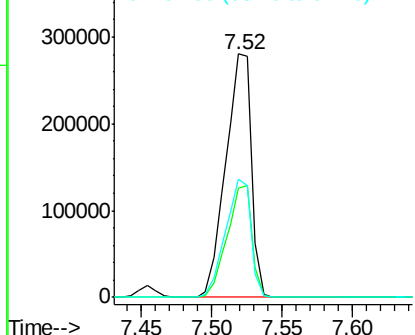
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	48.8	41.4	62.2

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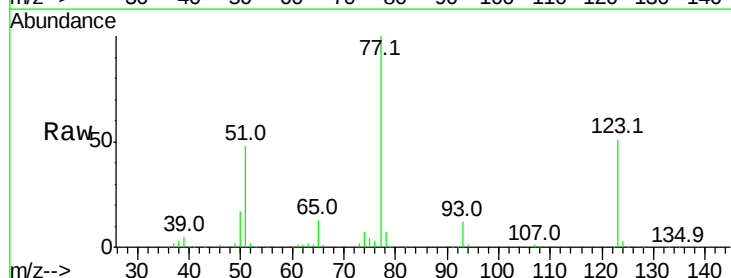


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

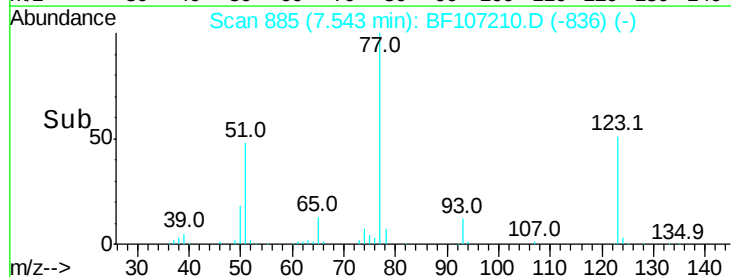
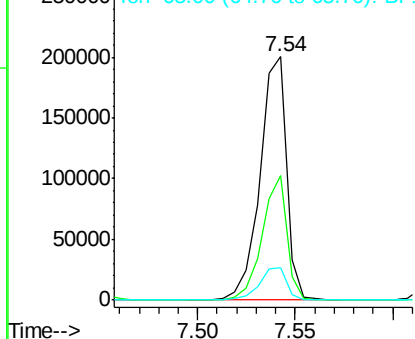


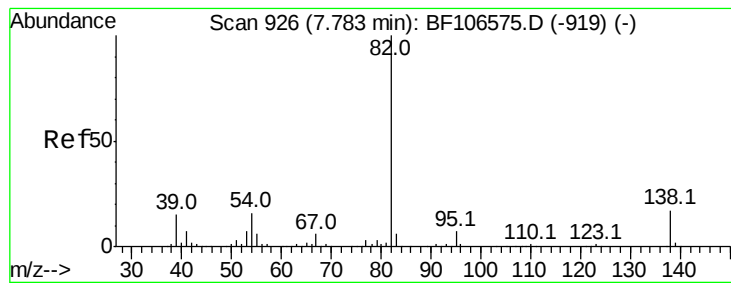
#24
Nitrobenzene
Concen: 43.108 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	37.9	56.9
65	13.4	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.113 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

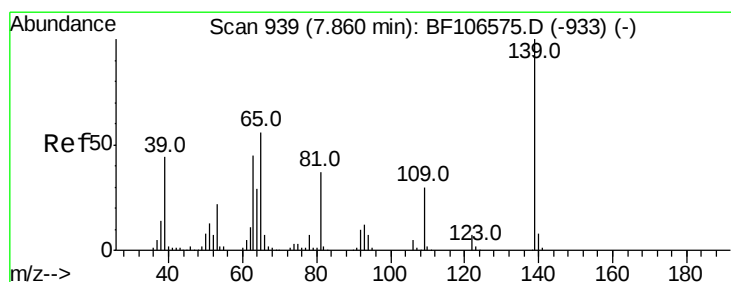
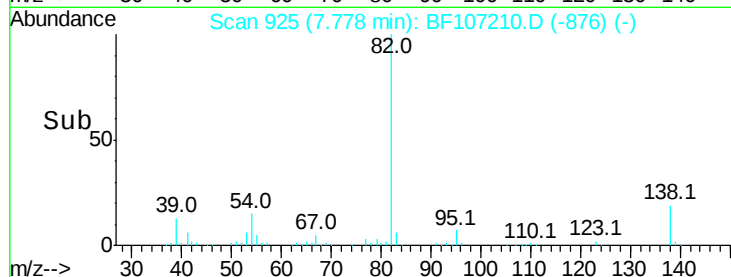
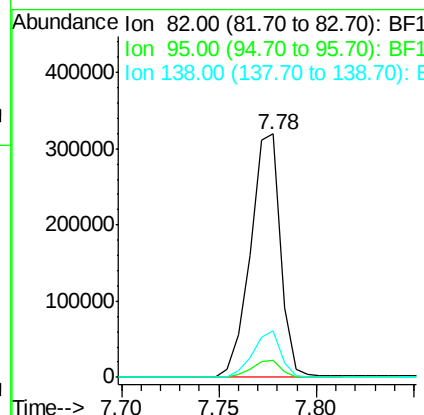
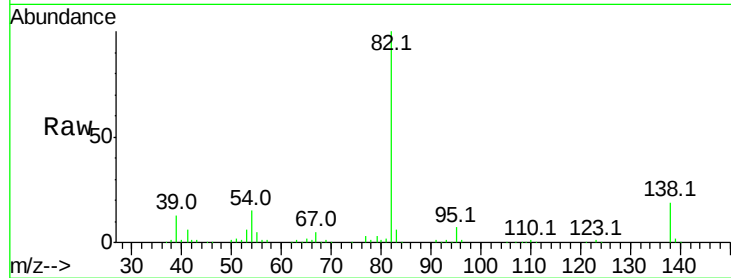
ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion:	82	Resp:	342263
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	18.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 43.254 ng

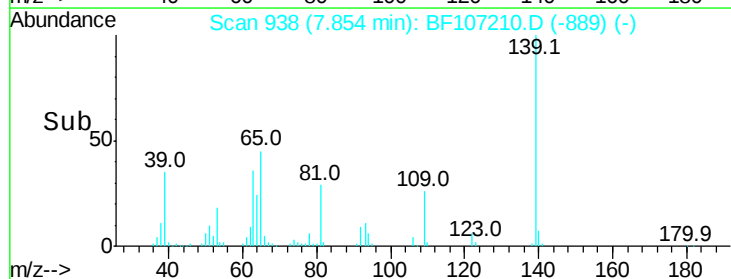
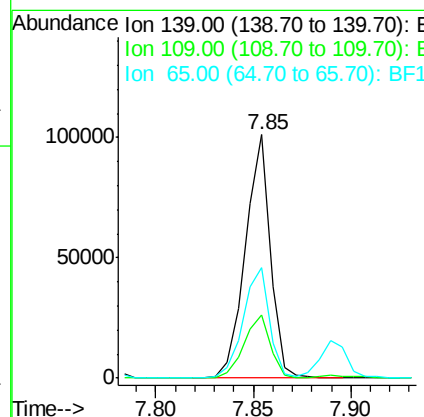
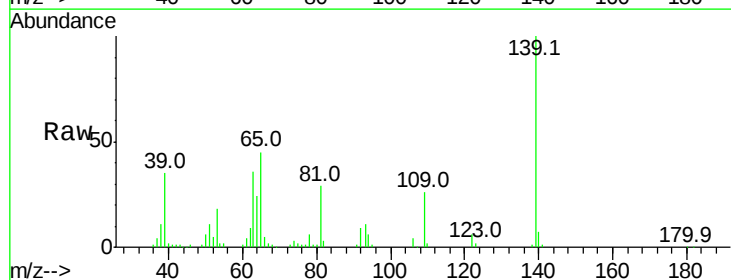
RT: 7.85 min Scan# 938

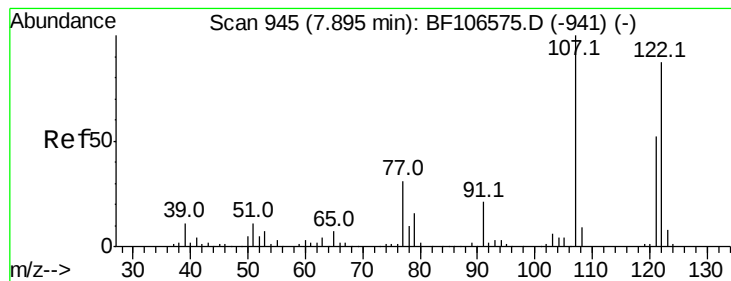
Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Tgt Ion:	139	Resp:	89755
Ion Ratio	Lower	Upper	
139	100		
109	25.8	22.7	34.1
65	45.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 50.902 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

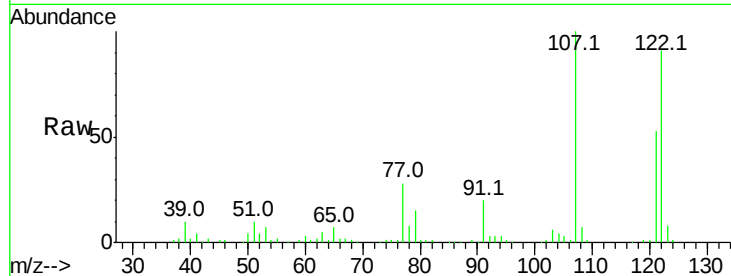
ClientSampleId :

SURCHARGE-SP-1MSD

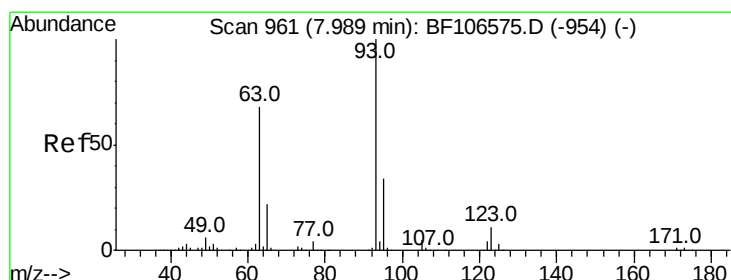
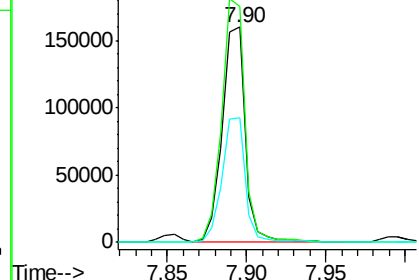
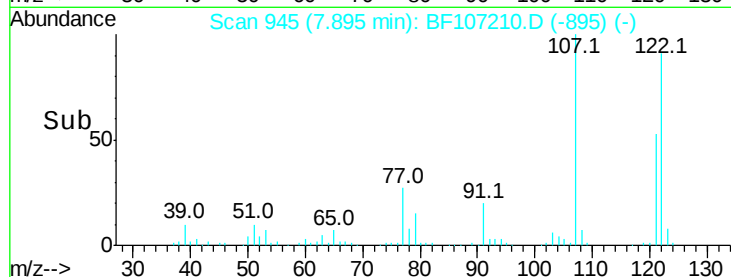
Tot Ion:	122	Resp:	163257
Ion Ratio	Lower	Upper	
122	100		
107	109.6	91.2	136.8
121	57.6	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.545 ng

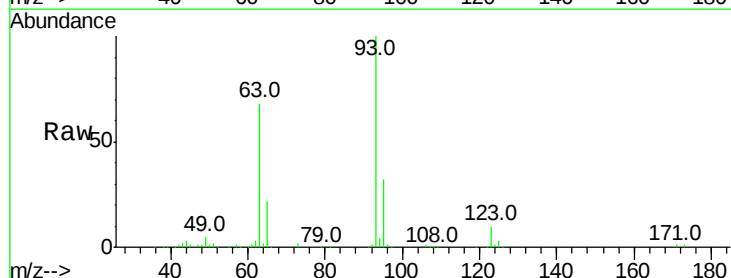
RT: 7.97 min Scan# 958

Delta R.T. -0.02 min

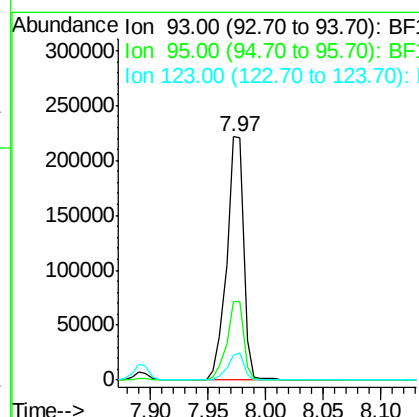
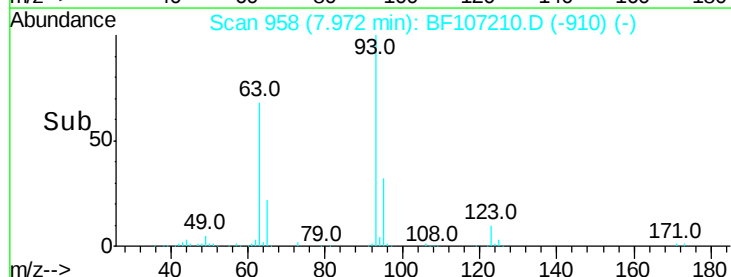
Lab File: BF107210.D

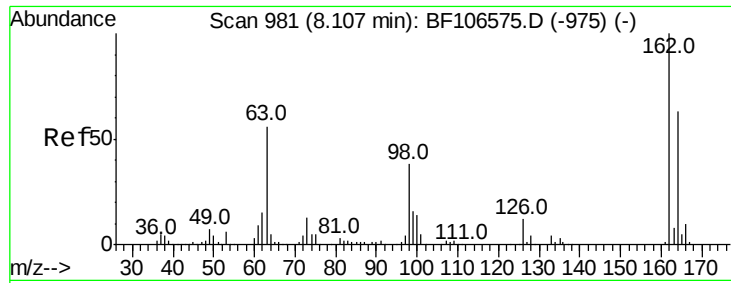
Acq: 7 Jul 2018 16:54

Tgt Ion:	93	Resp:	226911
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.3	39.5
123	10.0	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





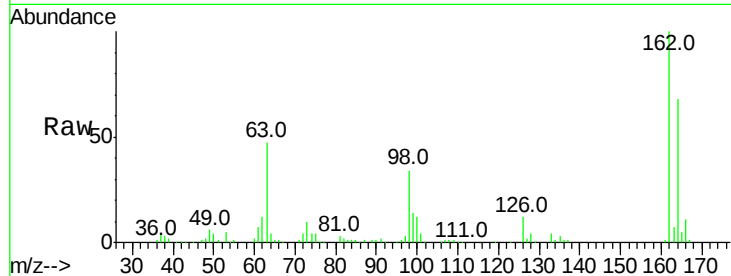
#29
 2,4-Dichlorophenol
 Concen: 48.428 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

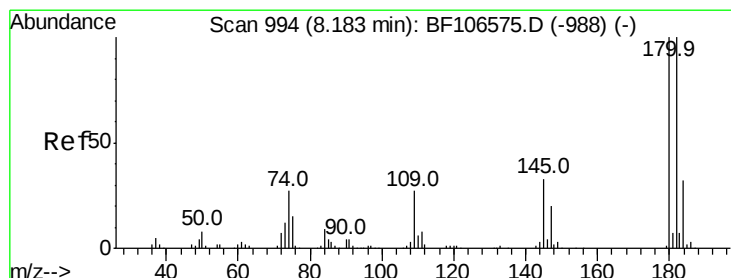
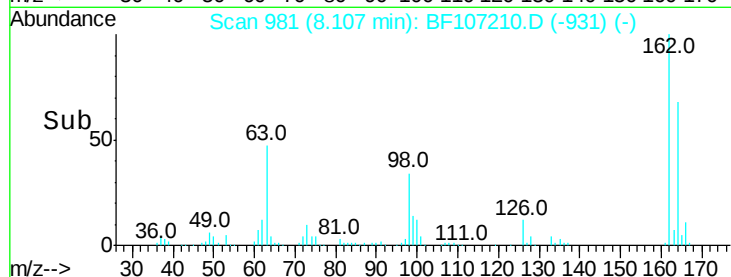
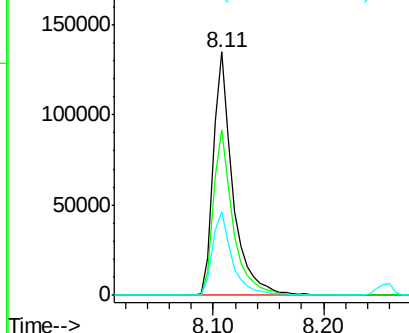
Tot Ion	Ratio	Resp	Lower	Upper
162	100	162612		
164	68.1	42.7	82.7	
98	34.2	18.1	58.1	

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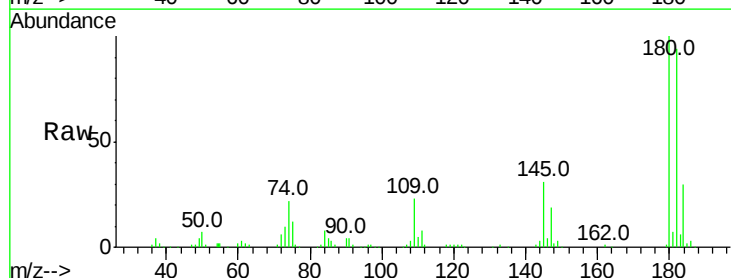


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

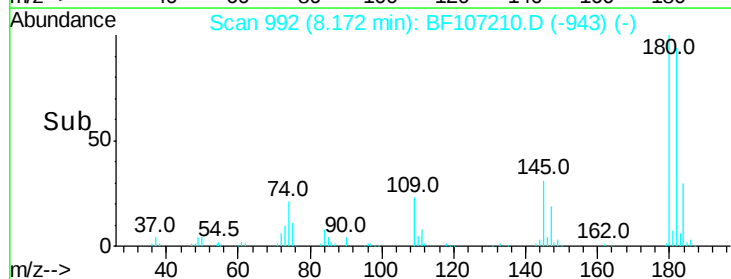
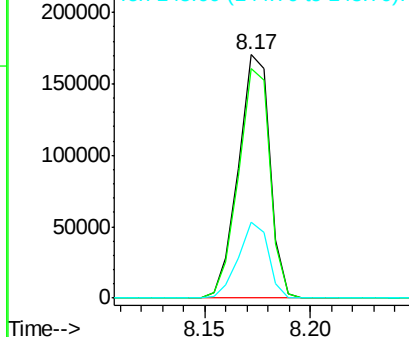


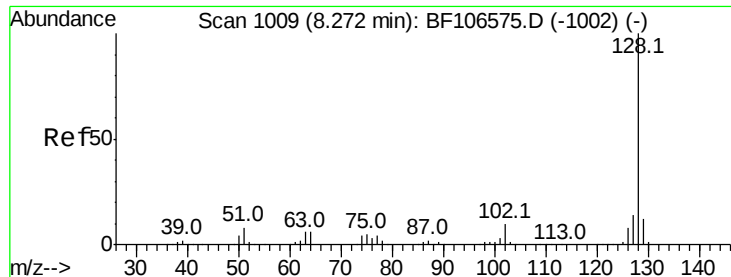
#30
 1,2,4-Trichlorobenzene
 Concen: 47.602 ng
 RT: 8.17 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	176084		
182	94.4	76.8	115.2	
145	31.3	26.5	39.7	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





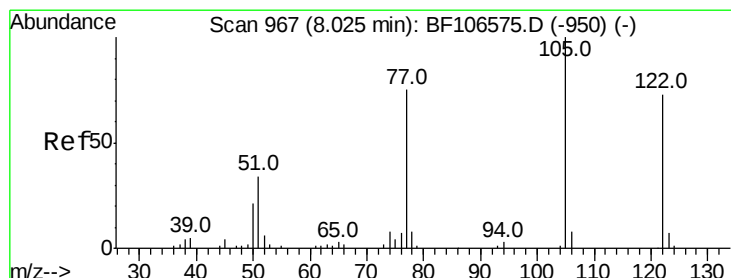
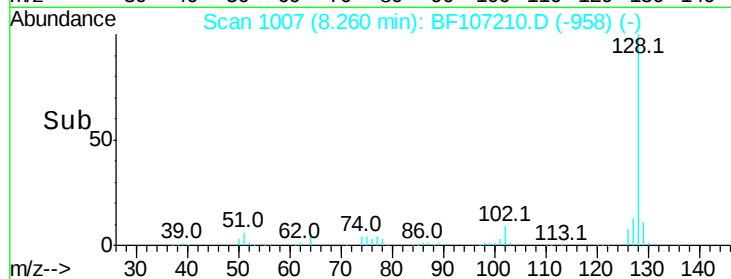
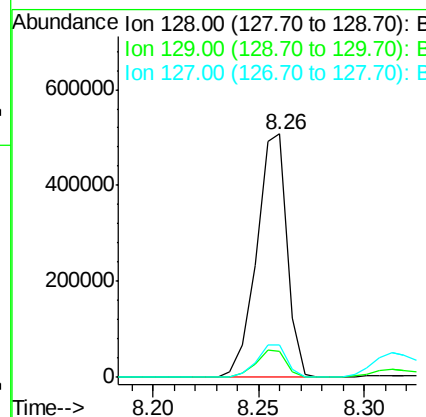
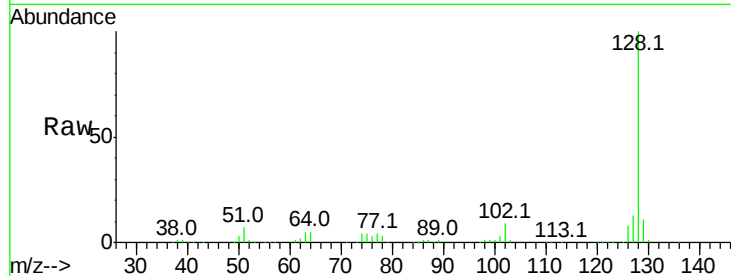
#31
Naphthalene
Concen: 45.640 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.9	16.3

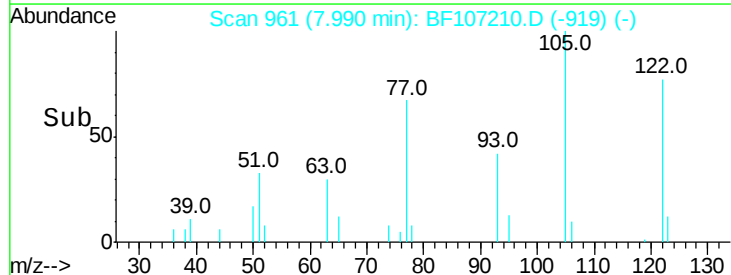
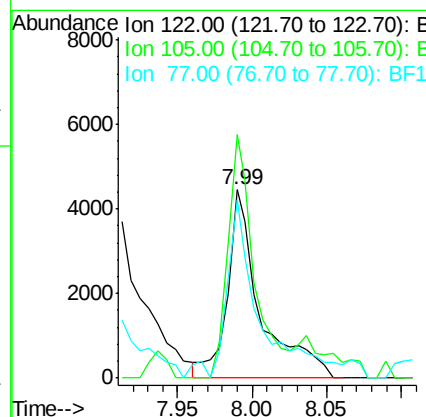
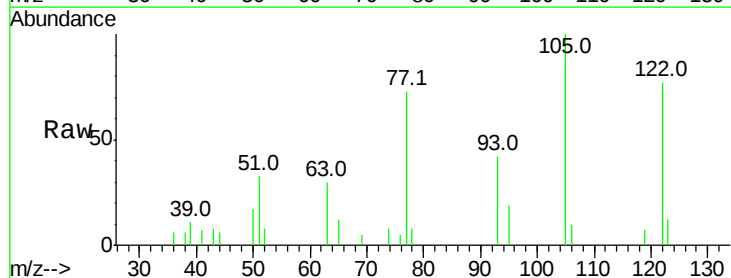
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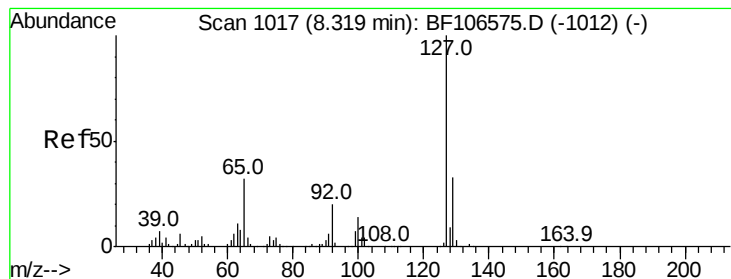
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#32
Benzoic acid
Concen: 8.349 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.3	101.1	141.1
77	95.0	70.7	110.7





#33

4-Chloroaniline

Concen: 19.755 ng

RT: 8.31 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

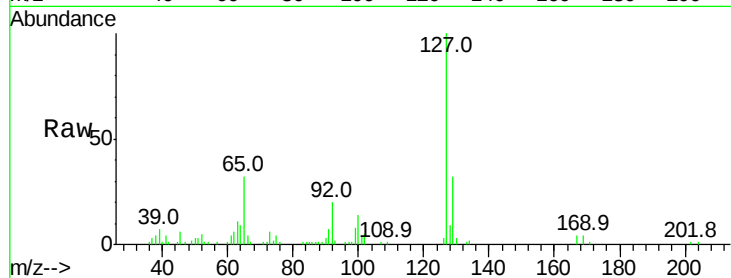
ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion:	127	Resp:	92728
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	32.0	25.0	37.4
92	19.7	15.2	22.8

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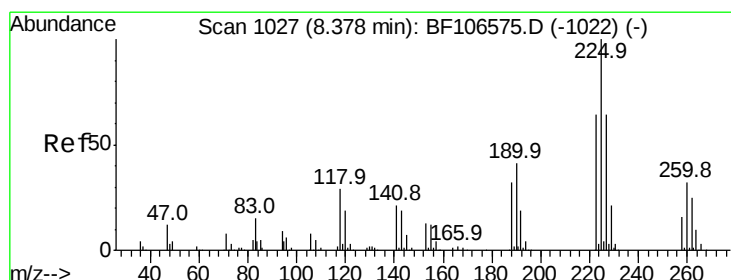
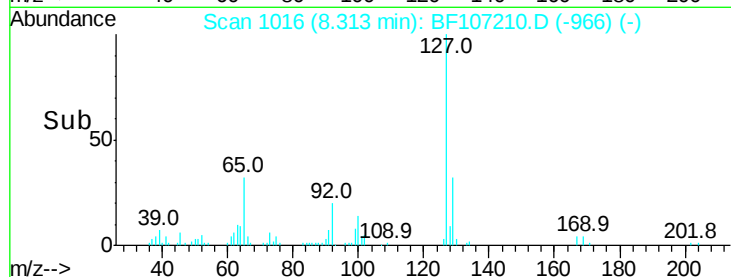
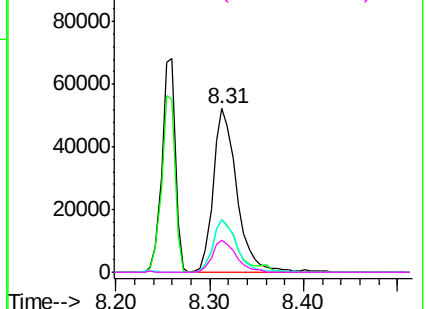
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 48.635 ng

RT: 8.36 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

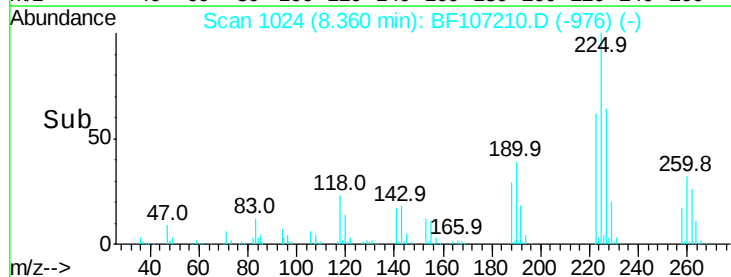
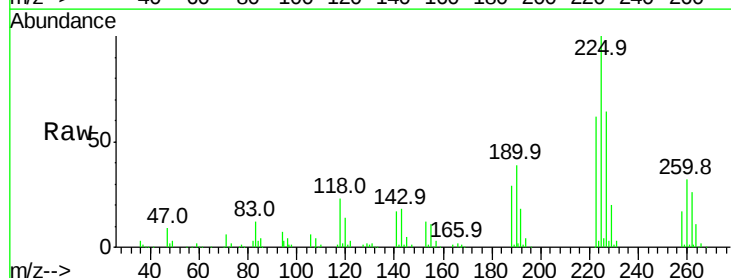
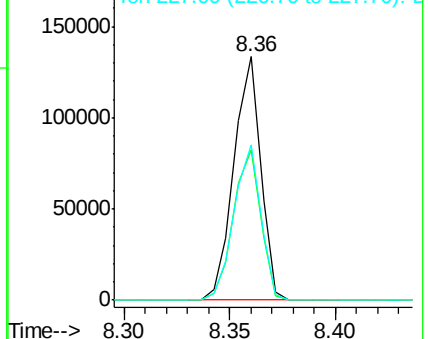
Tgt Ion:	225	Resp:	117224
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	64.0	51.9	77.9

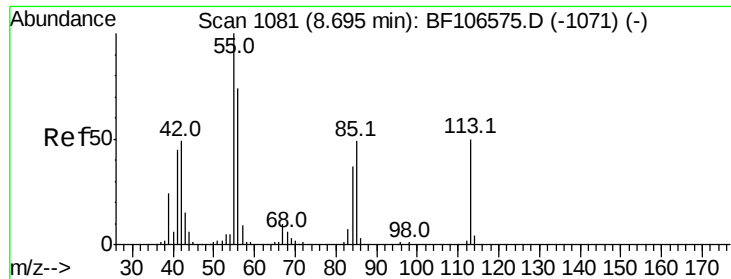
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.766 ng/mL

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion:113 Resp: 48999

Ion Ratio Lower Upper

113 100

55 184.3 163.3 203.3

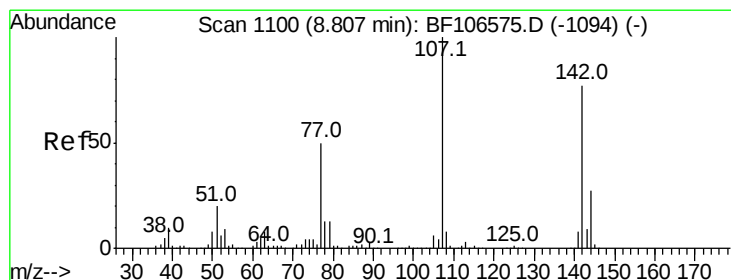
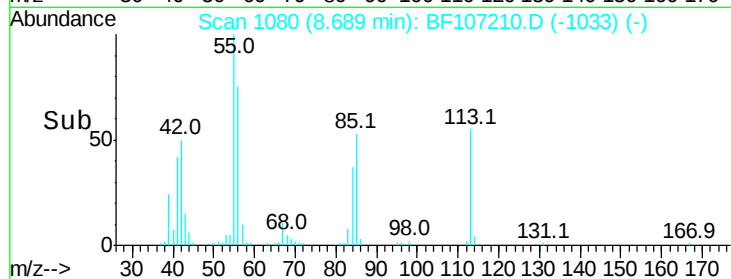
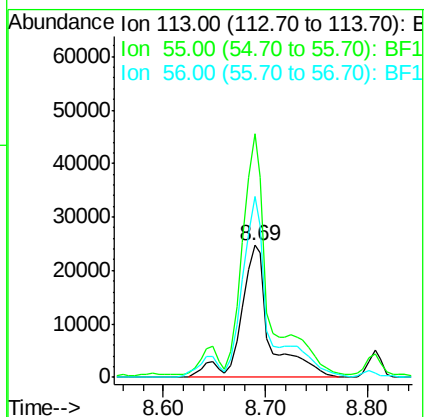
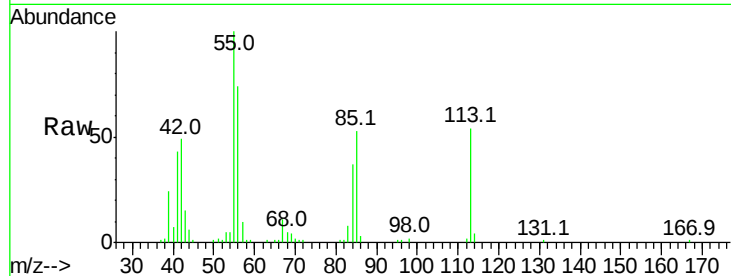
56 137.2 115.7 155.7

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#36

4-Chloro-3-methylphenol

Concen: 43.365 ng/mL

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

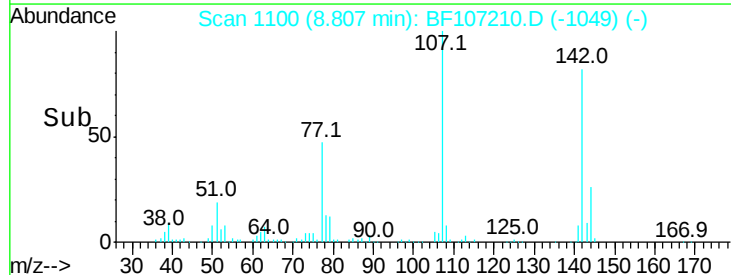
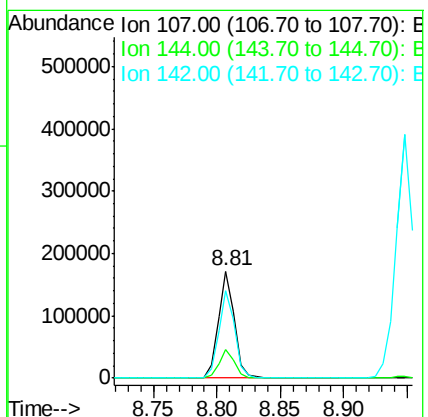
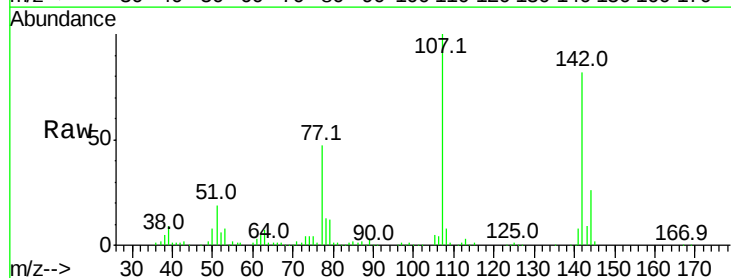
Tgt Ion:107 Resp: 153267

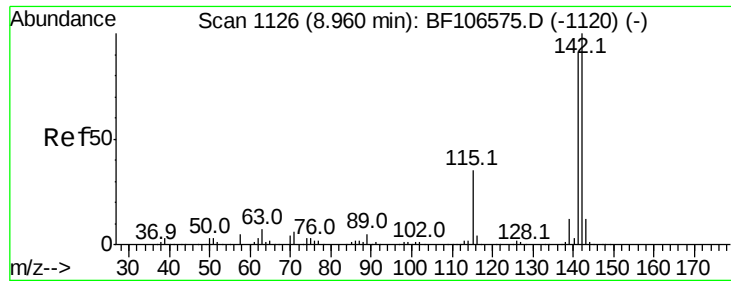
Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

142 82.4 62.0 93.0





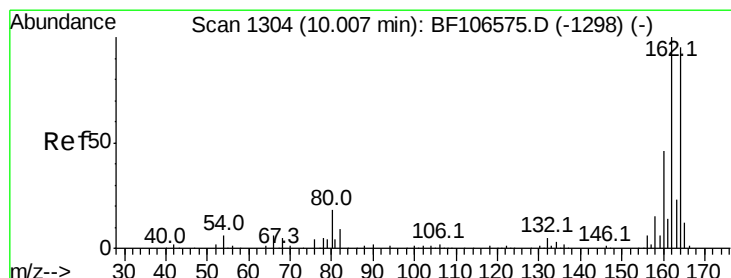
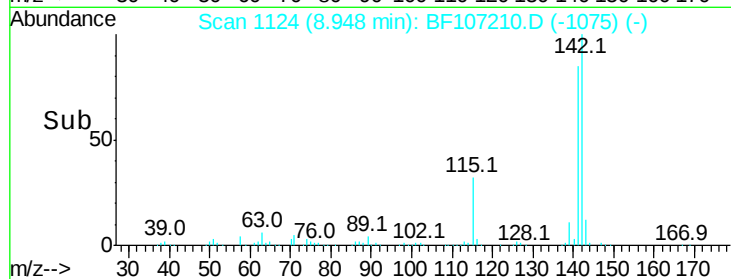
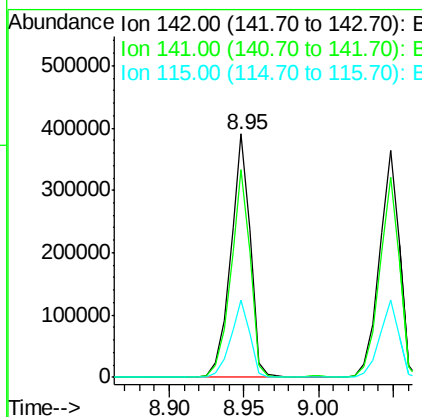
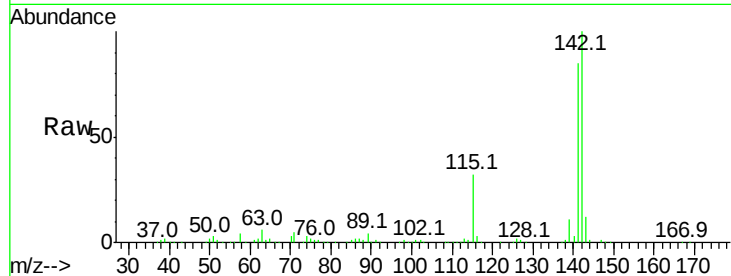
#37
2-Methylnaphthalene
Concen: 48.406 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.1	70.8	106.2
115	31.8	26.1	39.1

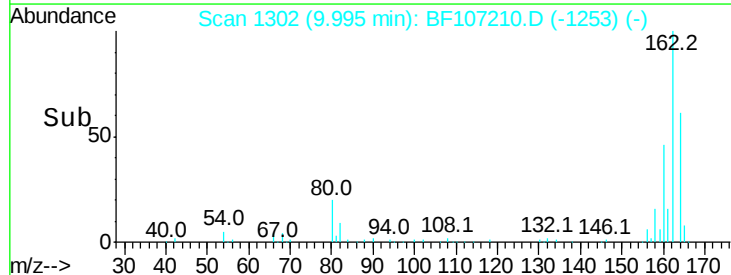
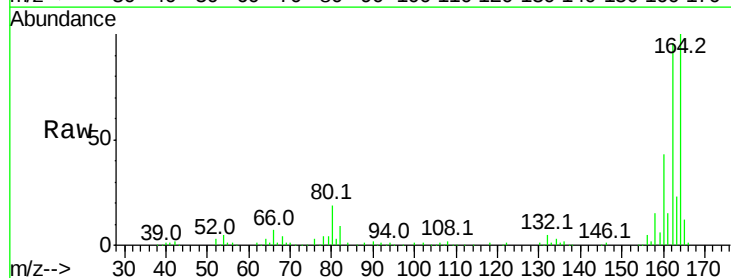
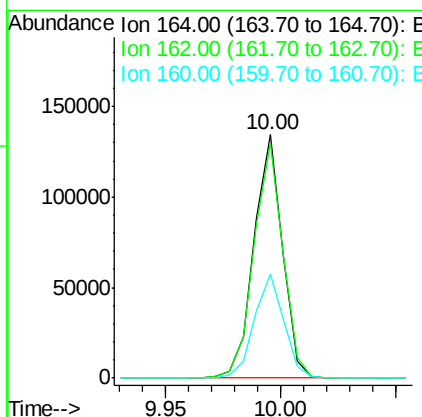
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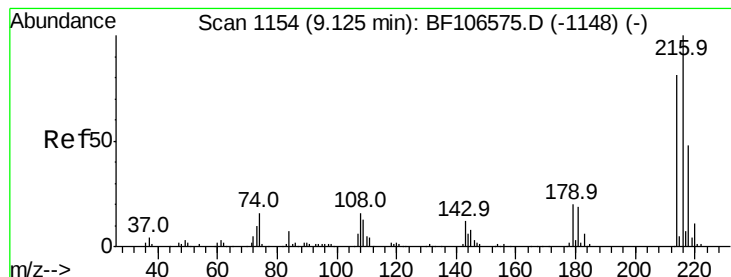
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.2	86.1	129.1
160	42.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.976 ng

RT: 9.11 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

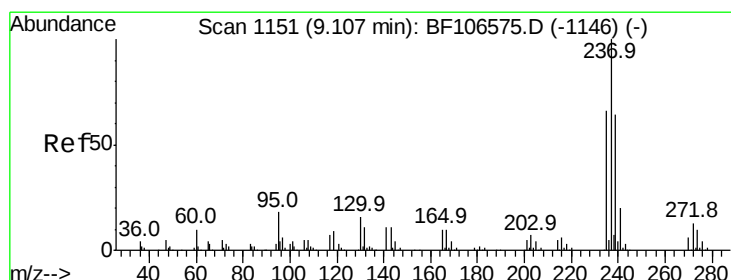
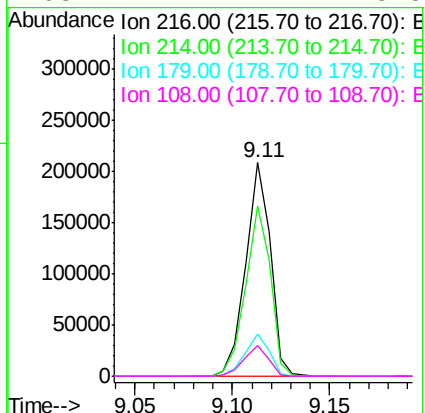
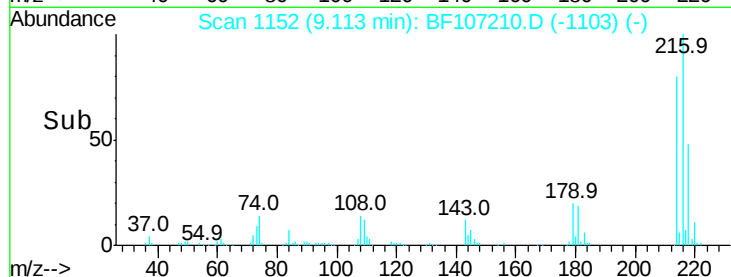
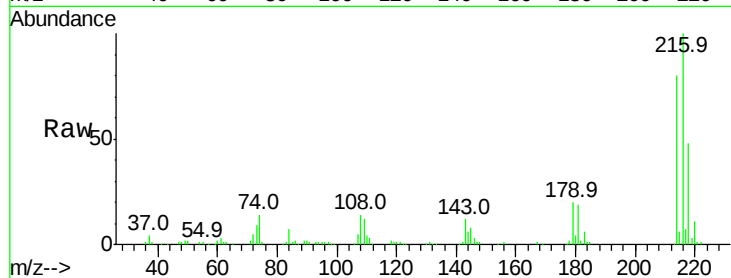
ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	183340		
214	80.1	63.0	94.4	
179	19.6	18.1	27.1	
108	14.4	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 2.798 ng

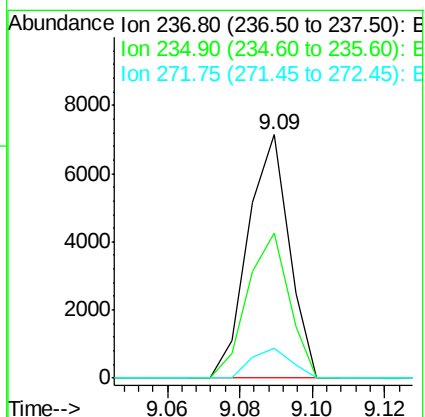
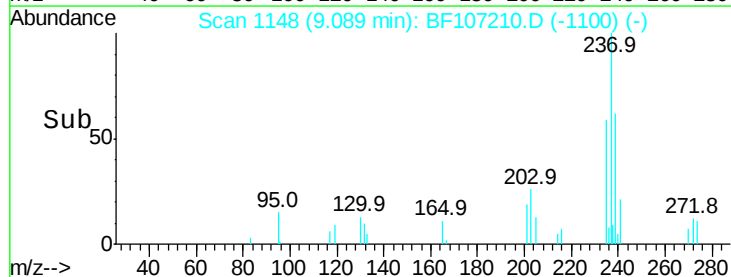
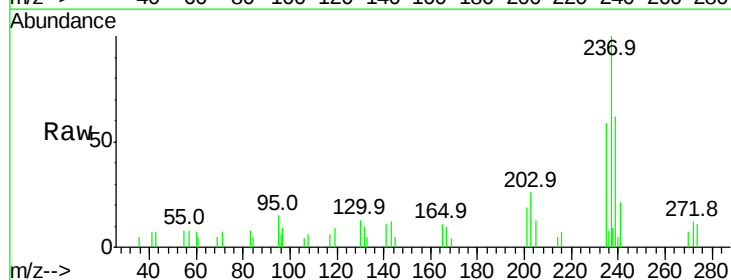
RT: 9.09 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	5618		
235	59.4	44.8	84.8	
272	12.4	0.0	33.3	





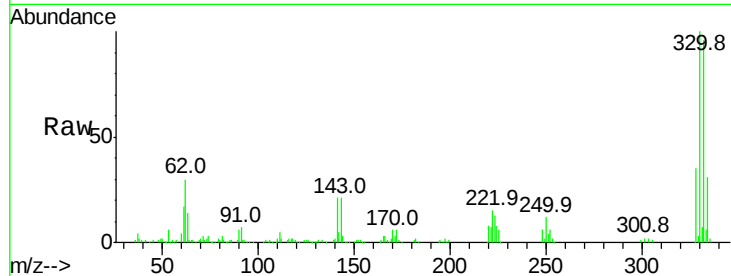
#41
 2,4,6-Tribromophenol
 Concen: 123.546 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

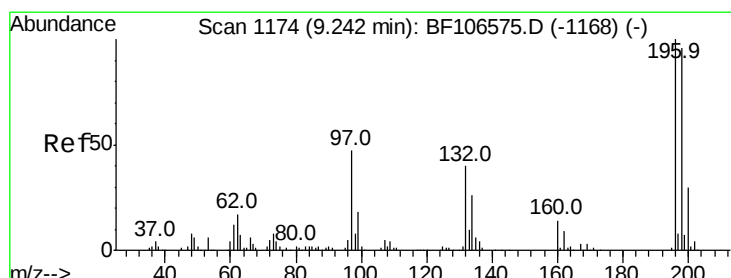
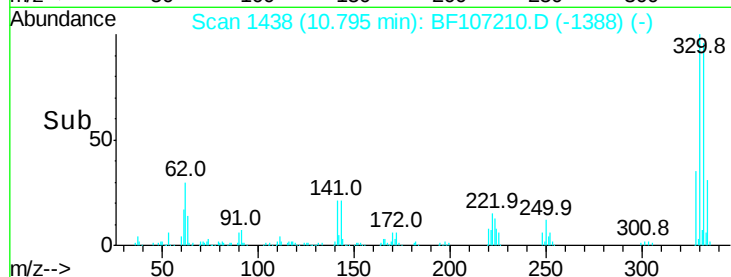
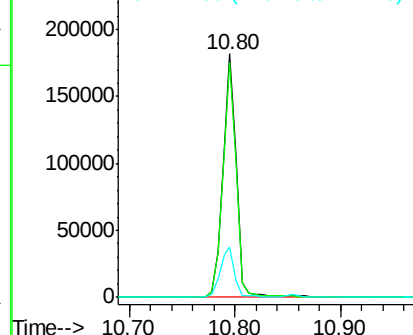
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	22.2	29.9	44.9	

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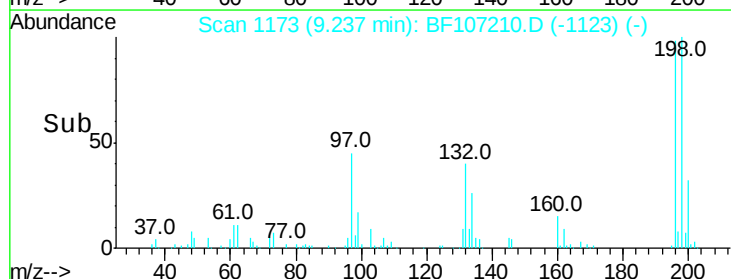
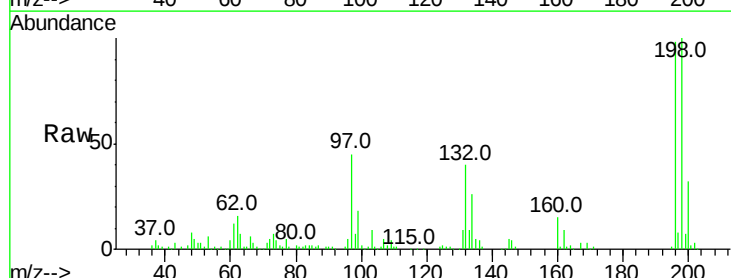
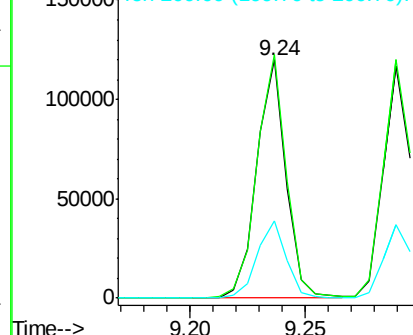
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.106 ng
 RT: 9.24 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.3	75.7	113.5	
200	32.6	24.5	36.7	

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





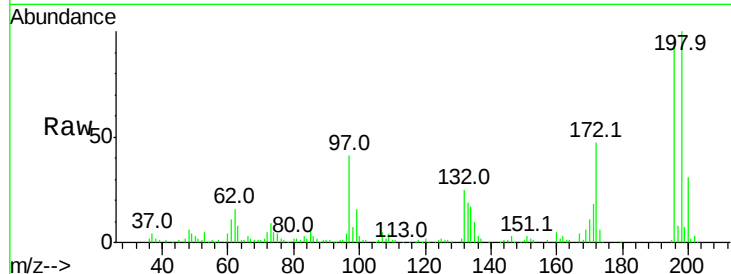
#43
 2,4,5-Trichlorophenol
 Concen: 38.852 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.2	74.6	112.0	
97	42.0	42.9	64.3	
132	26.3	26.3	39.5	

Manual Integrations
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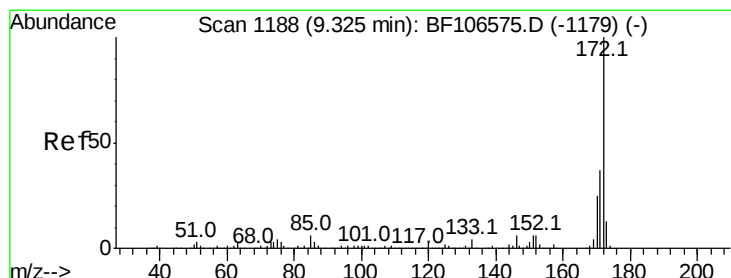
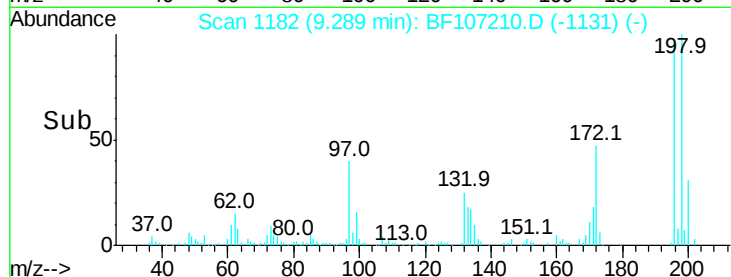
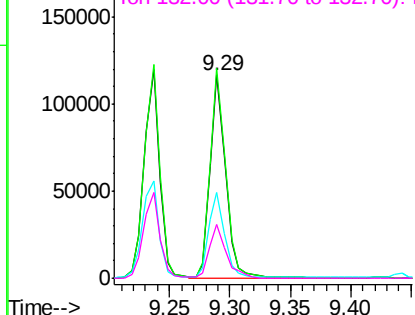
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.298 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

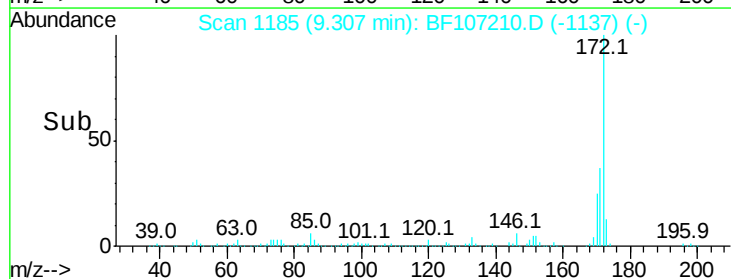
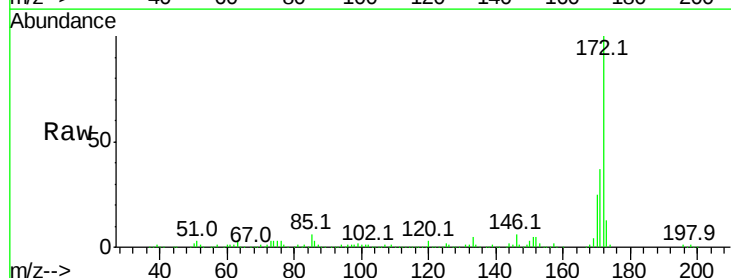
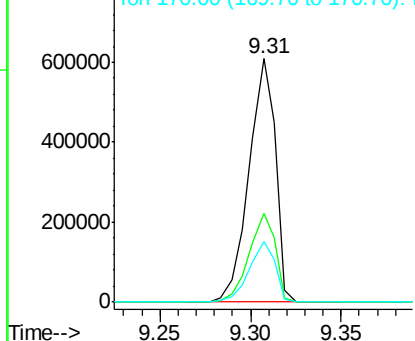
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.6	29.7	44.5	
170	24.8	19.6	29.4	

Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





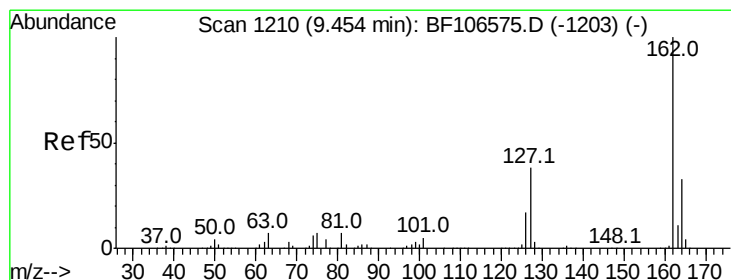
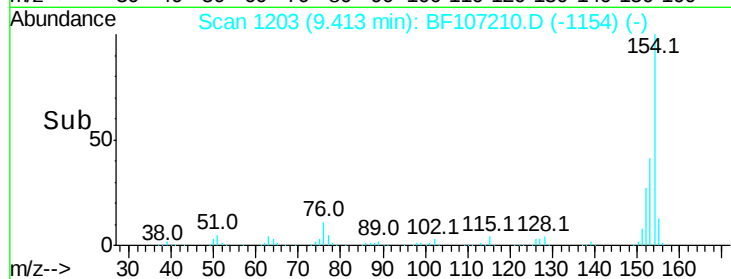
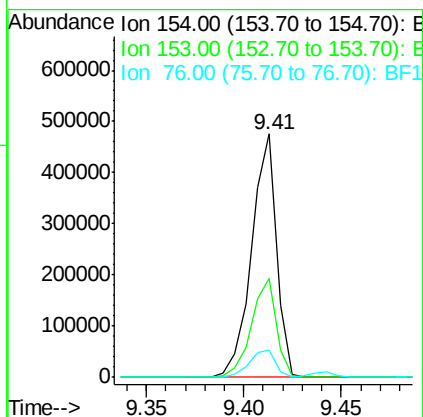
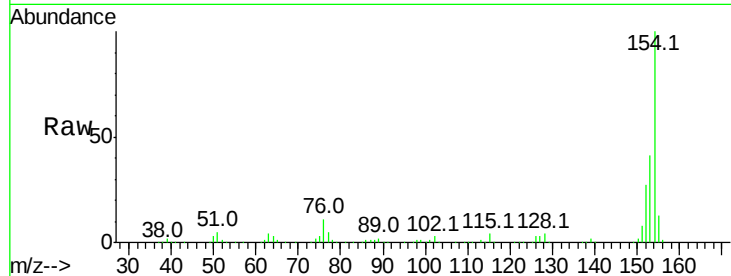
#45
 1,1'-Biphenyl
 Concen: 45.668 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	11.3	0.0	34.0

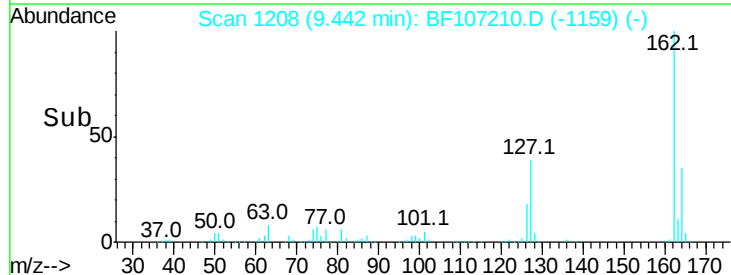
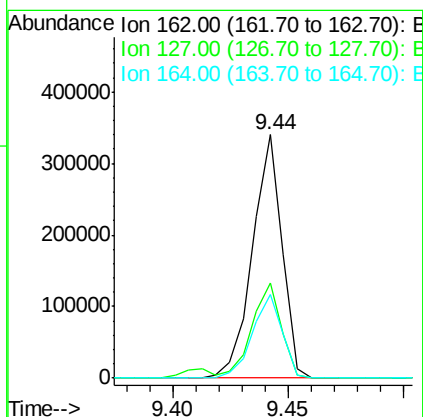
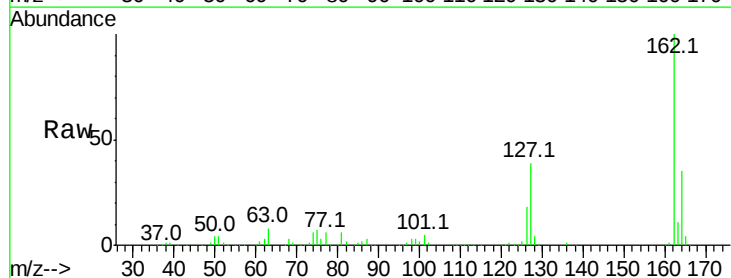
Manual Integrations
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#46
 2-Chloronaphthalene
 Concen: 41.835 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.9	50.9
164	34.6	26.5	39.7





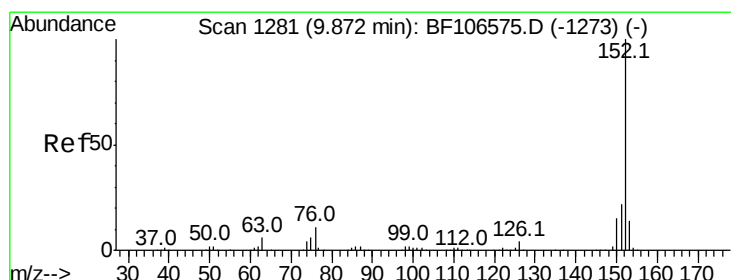
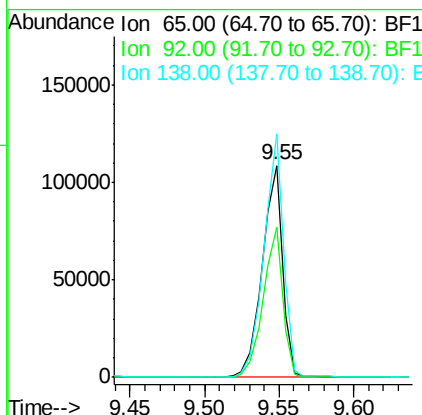
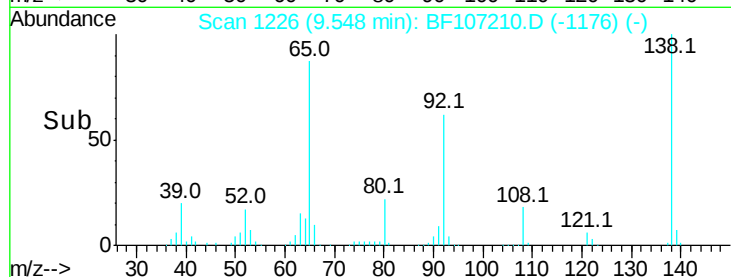
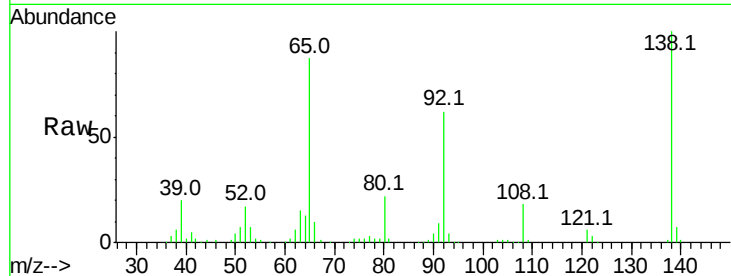
#47
 2-Nitroaniline
 Concen: 41.543 ng
 RT: 9.55 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Tot Ion:	65	Resp:	101559
Ion Ratio	Lower	Upper	
65	100		
92	70.8	55.8	83.6
138	114.8	91.2	136.8

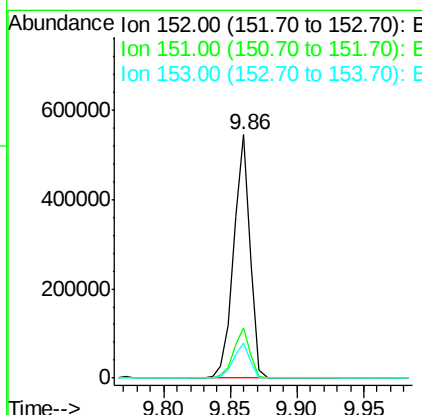
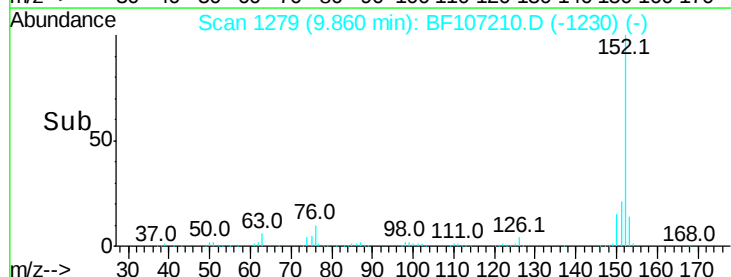
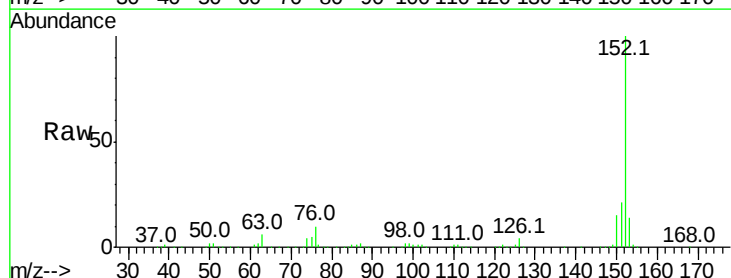
Manual Integrations
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#48
 Acenaphthylene
 Concen: 41.010 ng
 RT: 9.86 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion:	152	Resp:	470704
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	14.1	10.7	16.1





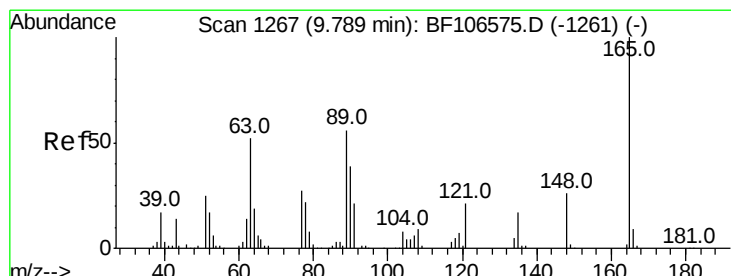
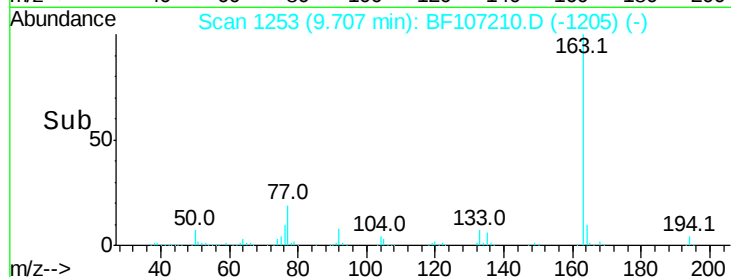
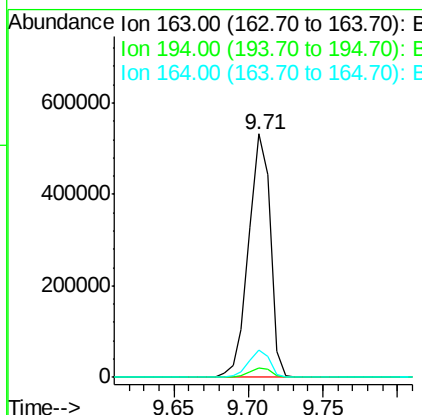
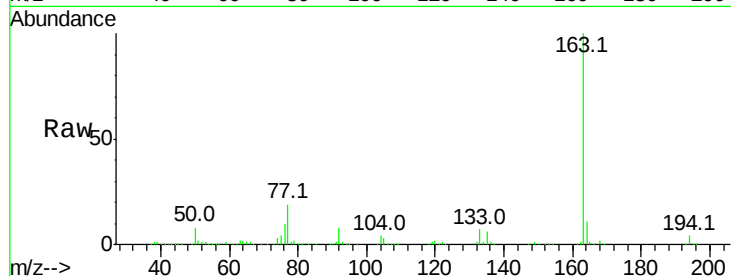
#49
 Dimethylphthalate
 Concen: 61.342 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Tot Ion:	163	Resp:	533182
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	11.0	8.2	12.2

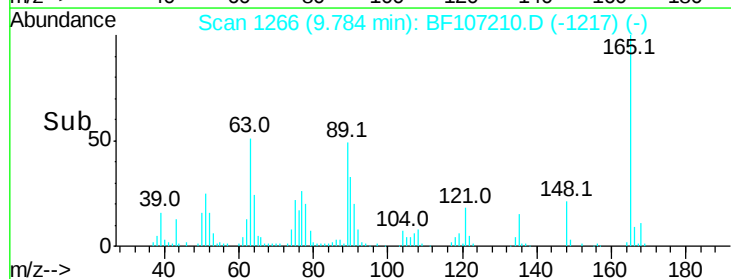
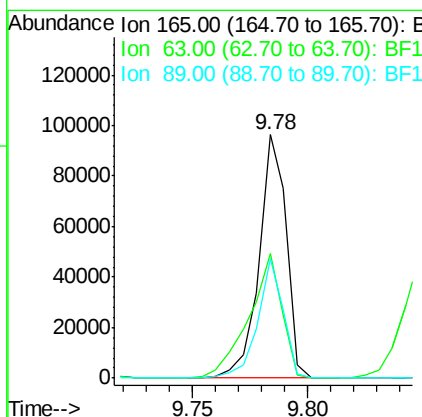
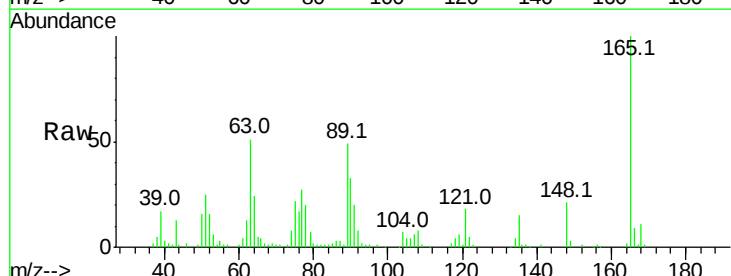
Manual Integrations
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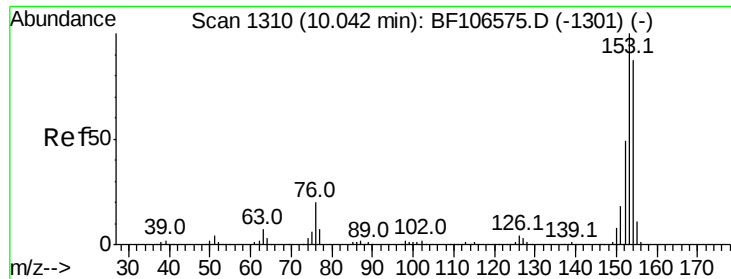
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#50
 2,6-Dinitrotoluene
 Concen: 42.945 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion:	165	Resp:	79042
Ion Ratio	Lower	Upper	
165	100		
63	51.2	44.7	67.1
89	49.1	44.0	66.0





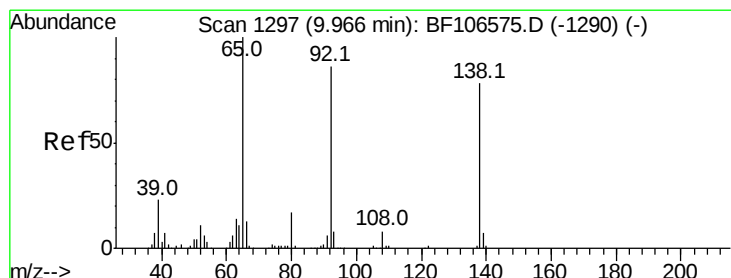
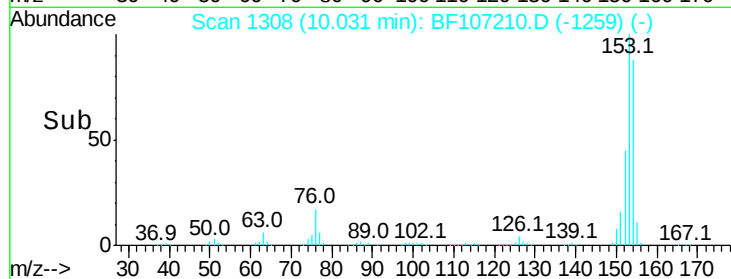
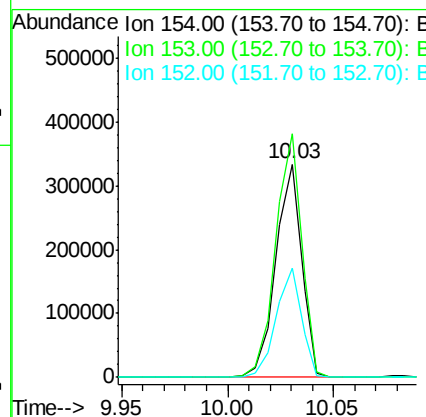
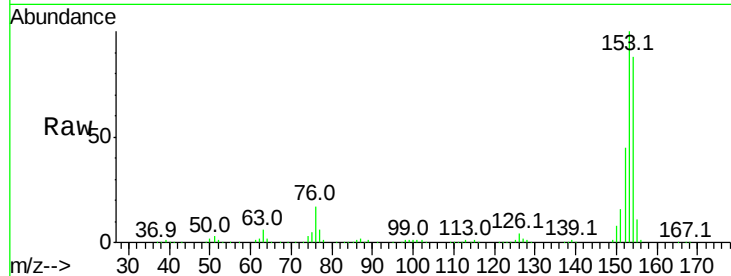
#51
Acenaphthene
Concen: 39.535 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.2	136.8
152	51.3	43.8	65.8

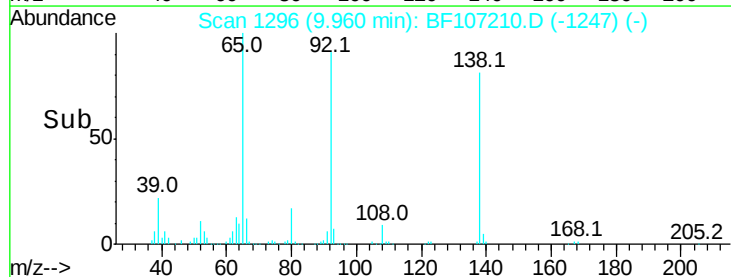
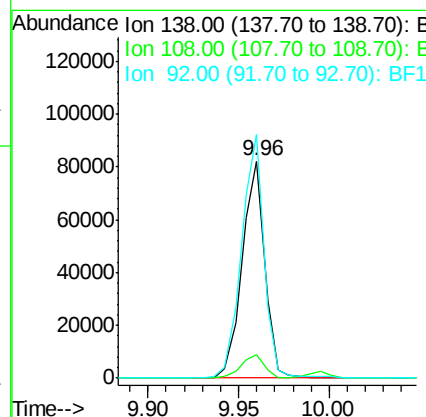
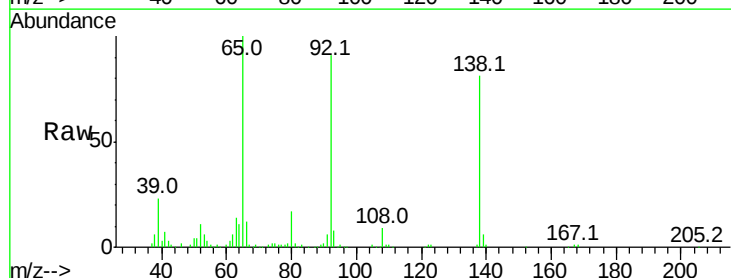
Manual Integrations
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#52
3-Nitroaniline
Concen: 33.838 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.0
92	112.2	89.4	134.2





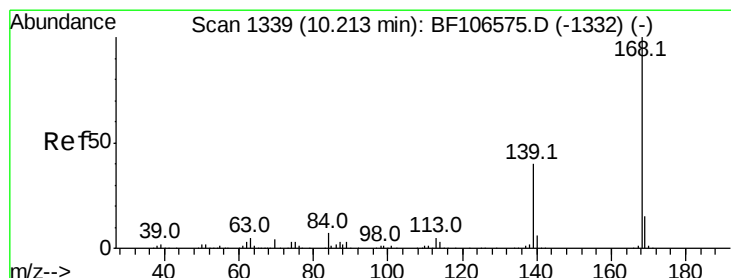
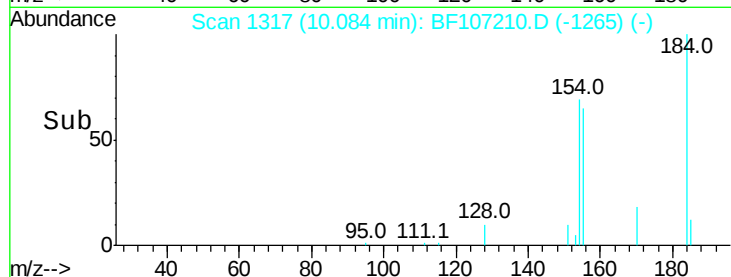
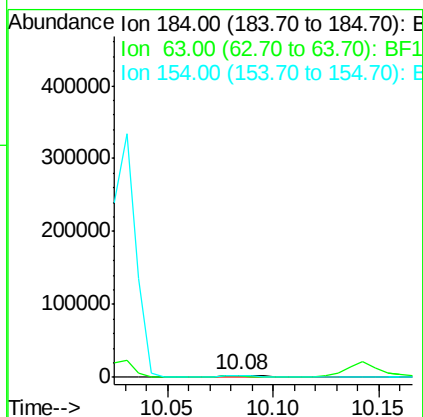
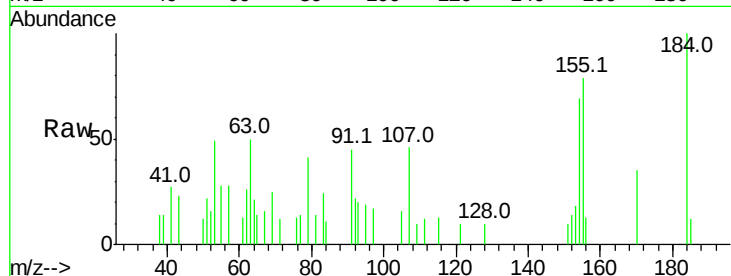
#53
2,4-Dinitrophenol
Concen: 10.621 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion:184 Resp: 5403
Ion Ratio Lower Upper
184 100
63 50.4 54.2 81.2#
154 69.3 184.0 276.0#

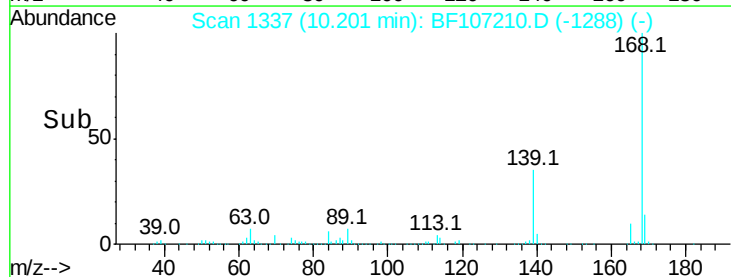
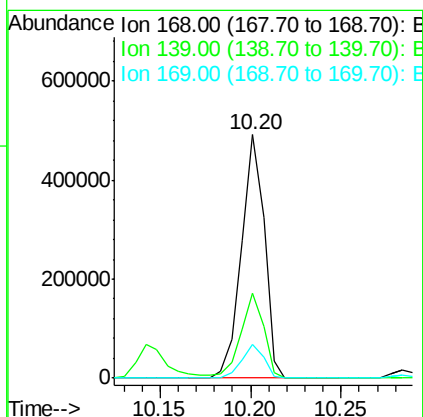
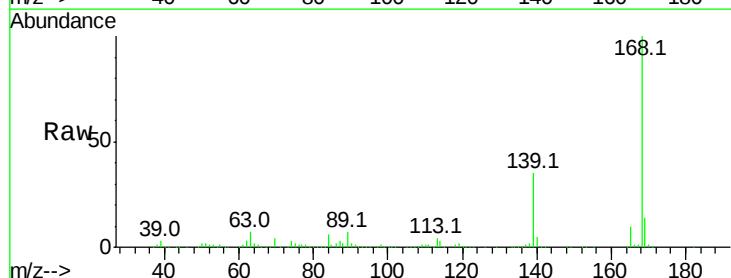
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#54
Dibenzofuran
Concen: 43.704 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion:168 Resp: 432536
Ion Ratio Lower Upper
168 100
139 34.9 30.1 45.1
169 13.6 10.9 16.3





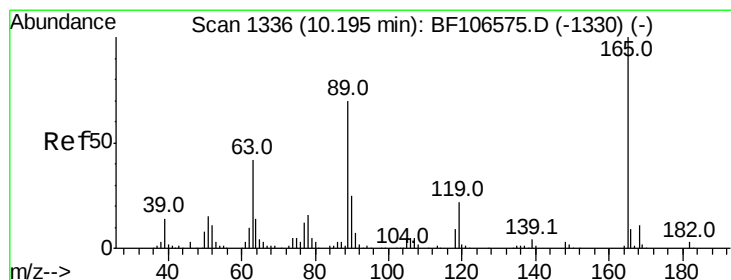
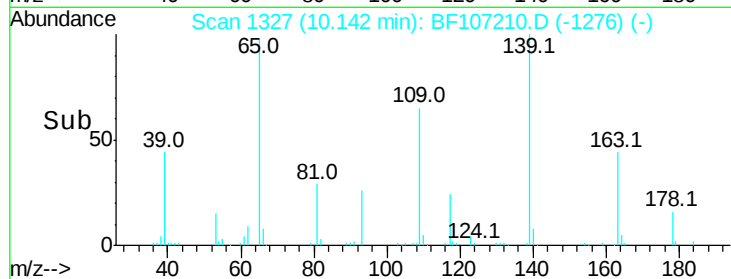
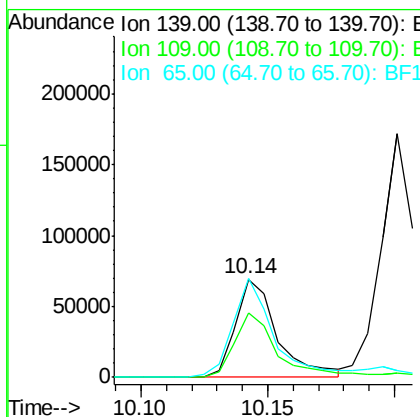
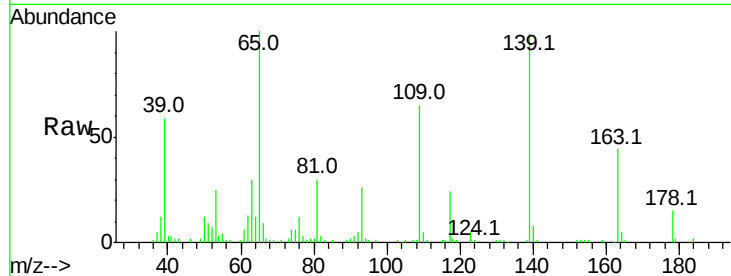
#55
4-Nitrophenol
Concen: 53.129 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.9	48.4	88.4
65	100.6	72.6	112.6

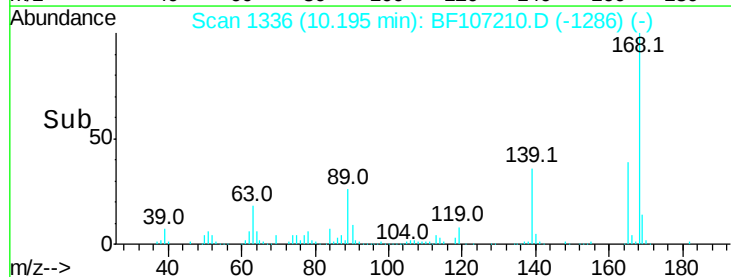
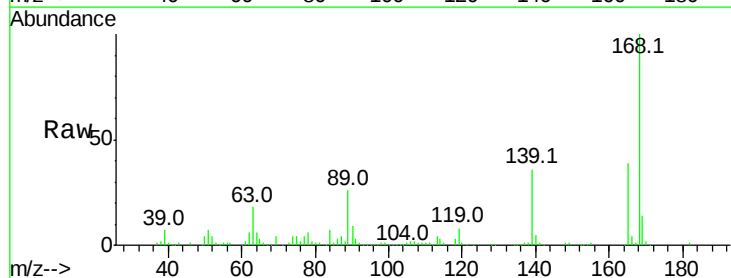
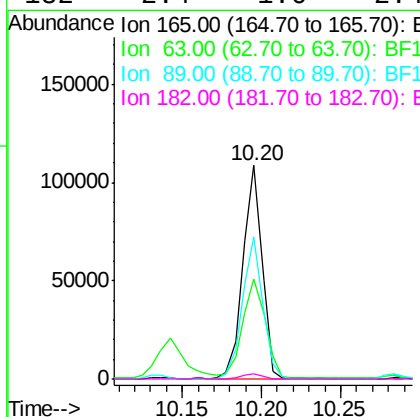
Manual Integrations
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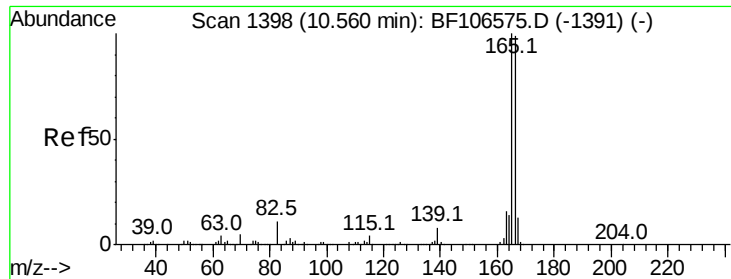
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#56
2,4-Dinitrotoluene
Concen: 37.980 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.7	36.4	54.6
89	66.6	57.8	86.6
182	2.4	1.6	2.4#





#57

Fluorene

Concen: 43.128 ng

RT: 10.55 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

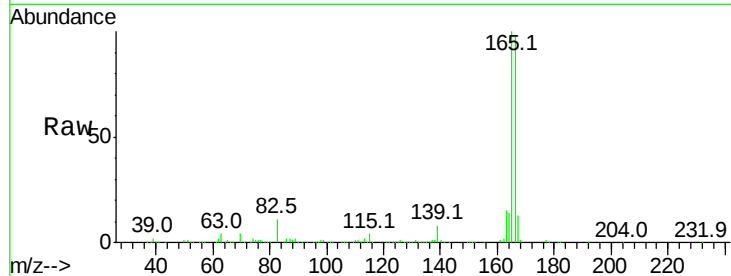
ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion:	166	Resp:	338710
Ion Ratio	Lower	Upper	
166	100		
165	102.4	79.8	119.8
167	13.6	10.6	16.0

Manual Integrations
APPROVED

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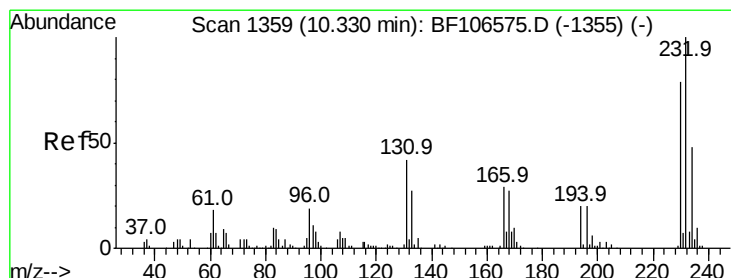
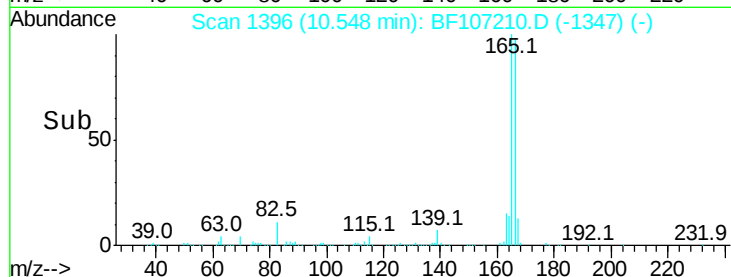
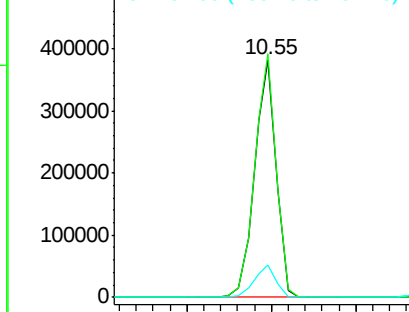


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.499 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Tgt Ion:	232	Resp:	93603
Ion Ratio	Lower	Upper	
232	100		
131	34.4	43.8	65.8#
130	1.5	2.1	3.1#
166	25.2	27.8	41.6#

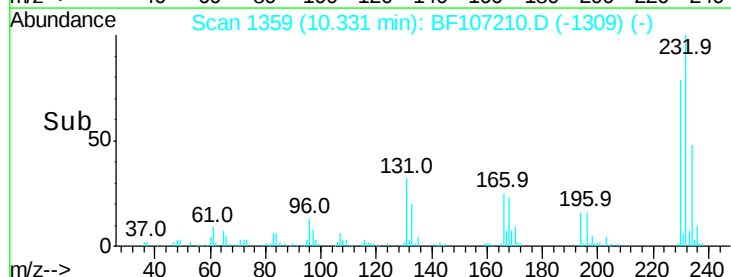
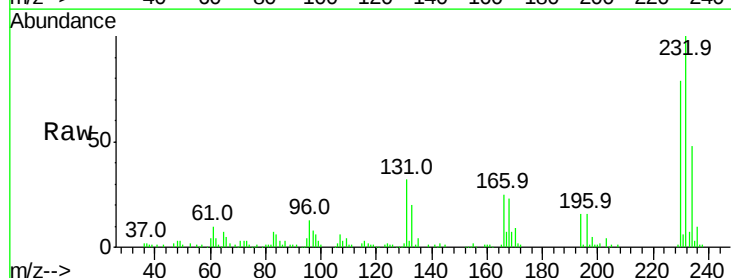
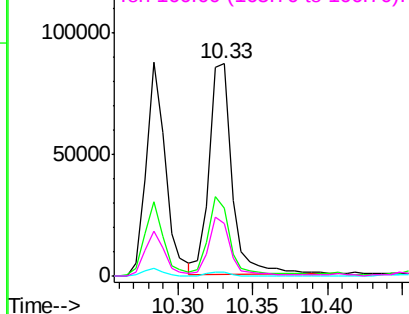
Abundance

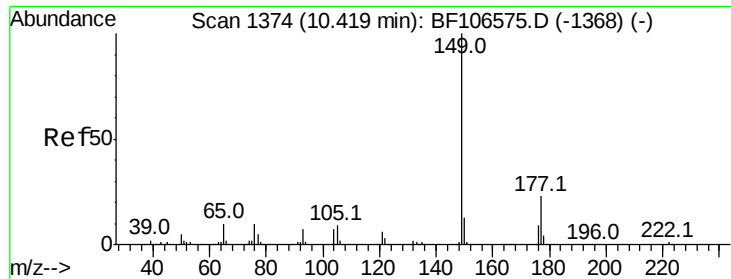
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





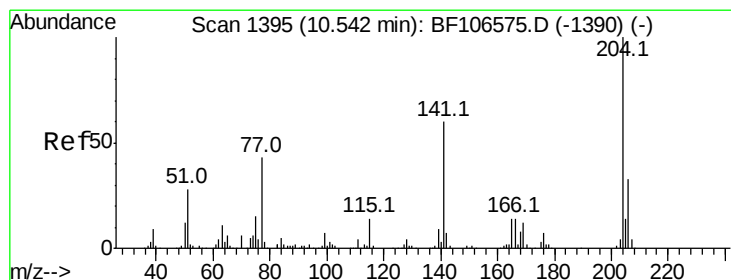
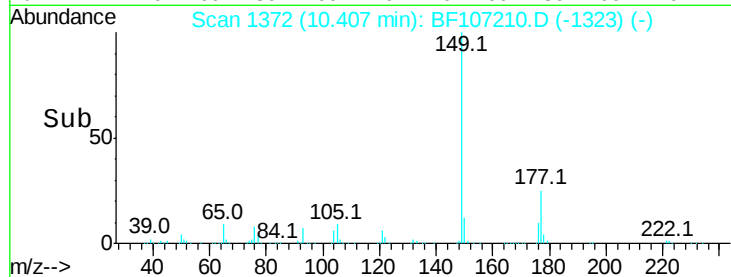
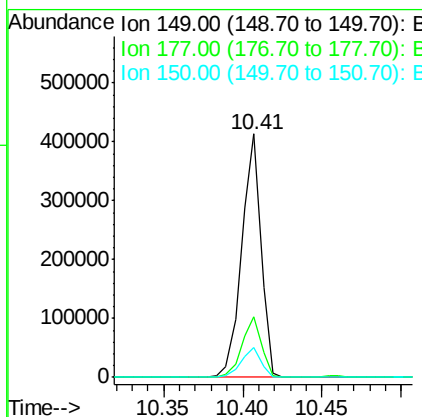
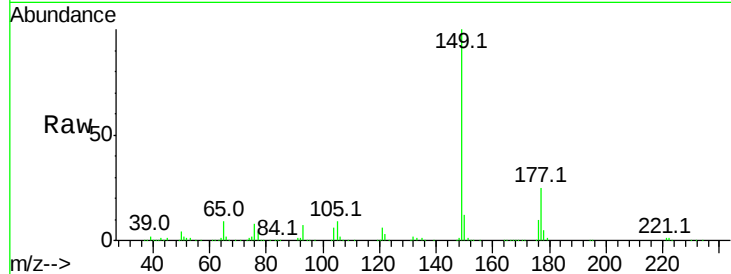
#59
Diethylphthalate
Concen: 41.376 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	16.1	24.1#
150	12.4	10.1	15.1

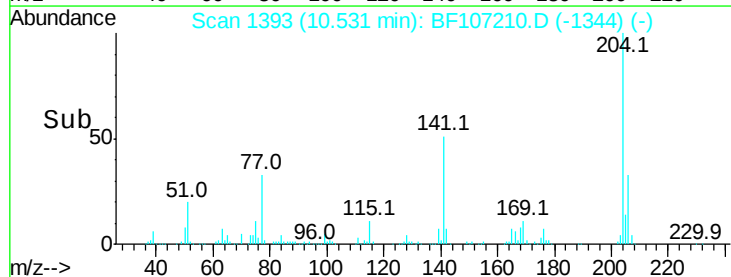
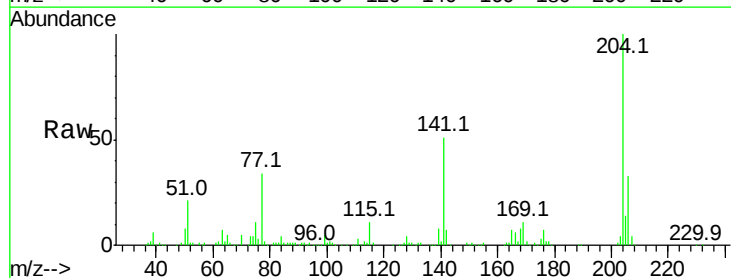
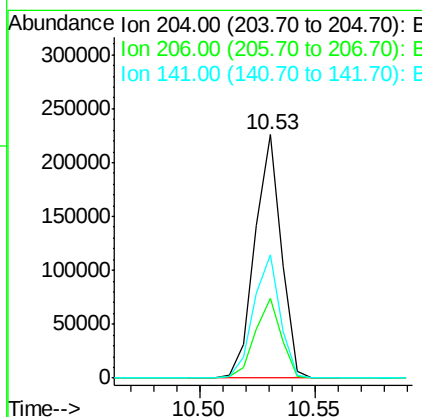
Manual Integrations
APPROVED

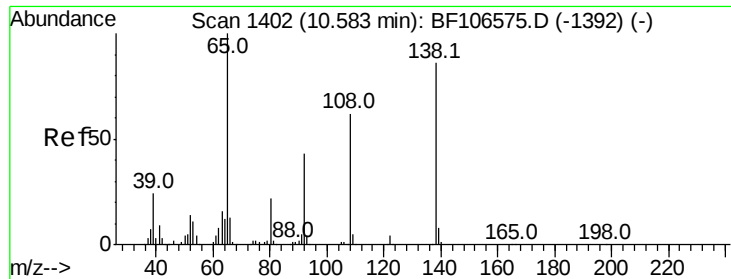
Sohil
7/9/2018 2:06:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.070 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	50.7	54.6	81.8#





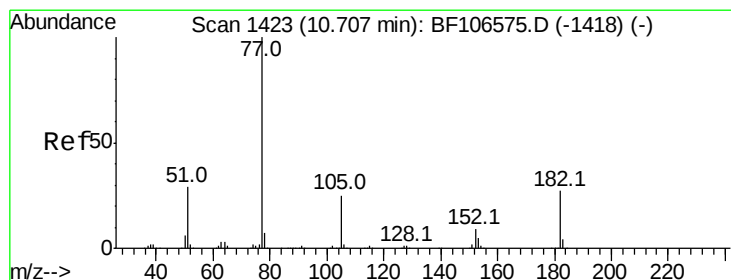
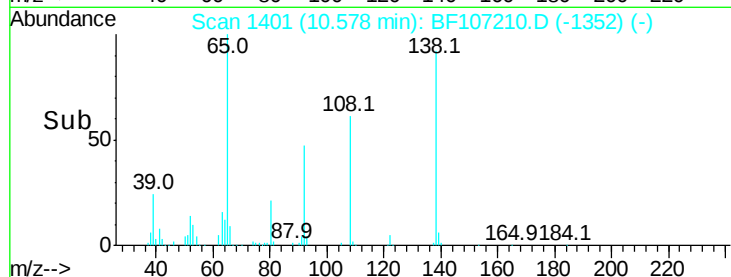
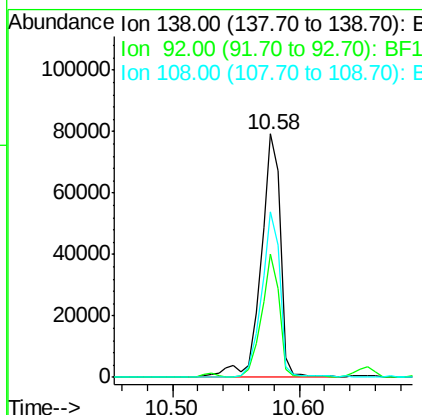
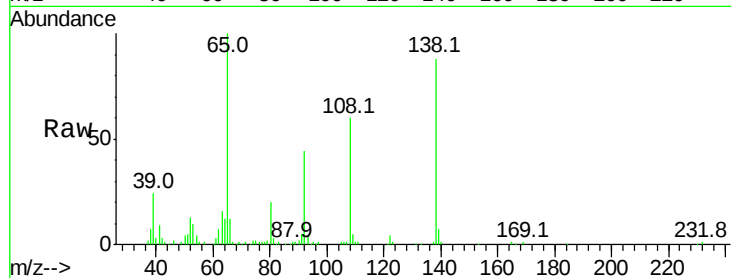
#61
4-Nitroaniline
Concen: 40.819 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.2	70.2
108	67.8	52.5	92.5

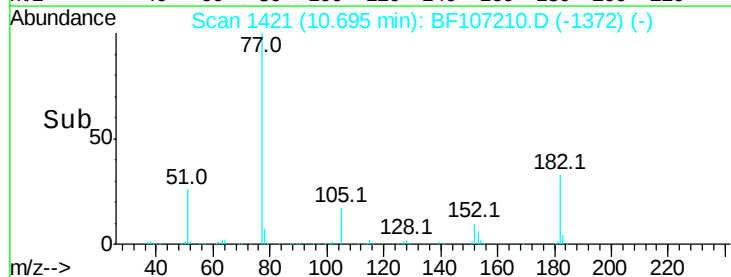
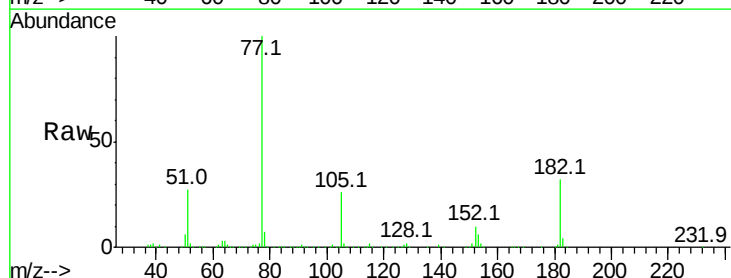
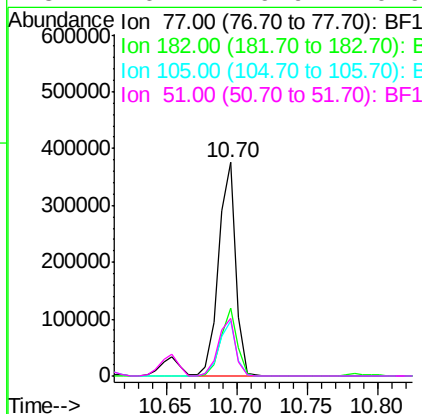
Manual Integrations
APPROVED

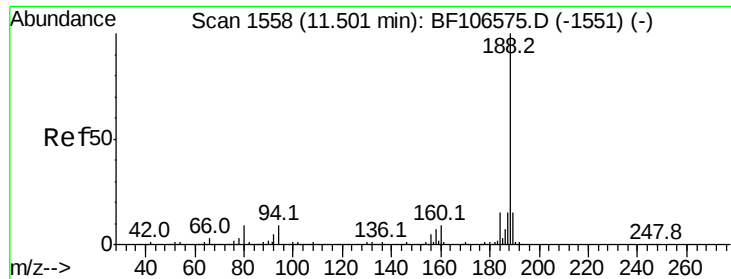
Sohil
7/9/2018 2:06:34 PM



#62
Azobenzene
Concen: 37.733 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.6	1.7	41.7
105	26.0	3.0	43.0
51	26.7	9.9	49.9





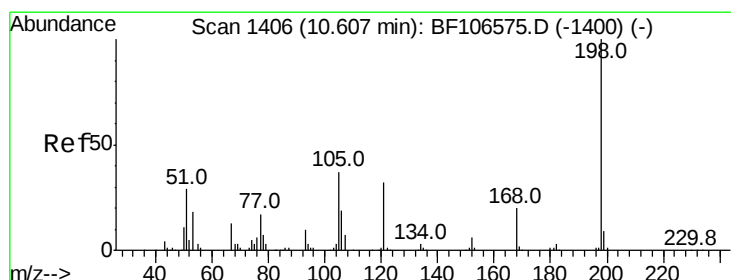
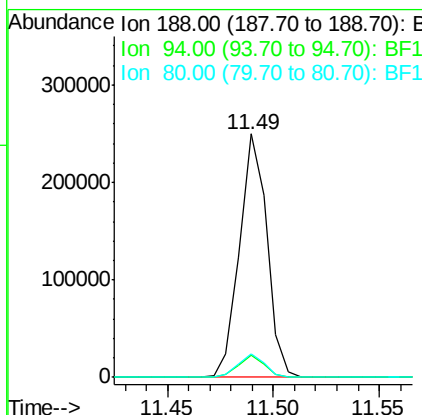
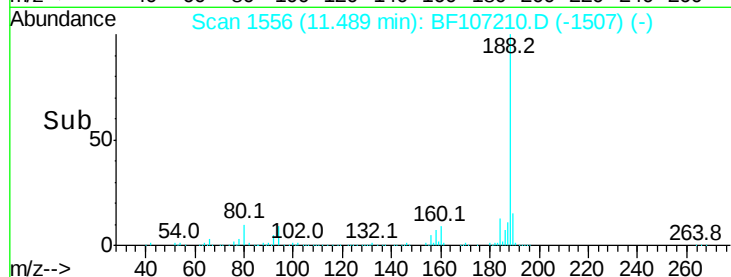
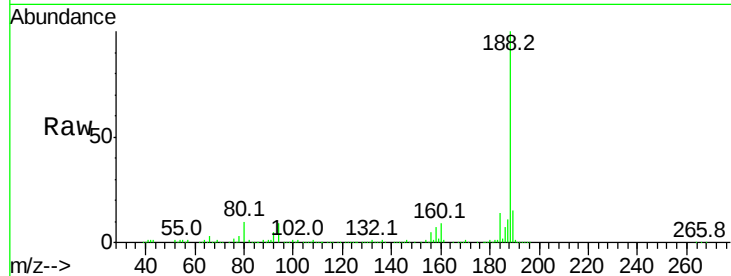
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	224394		
94	9.0		8.5	12.7
80	9.7		9.2	13.8

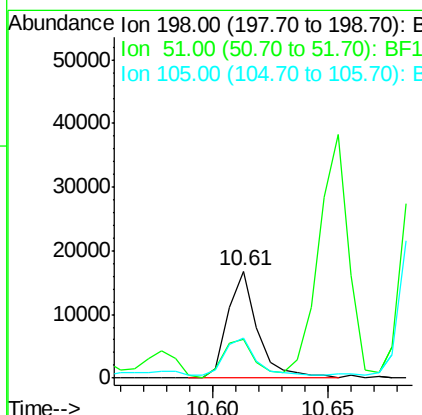
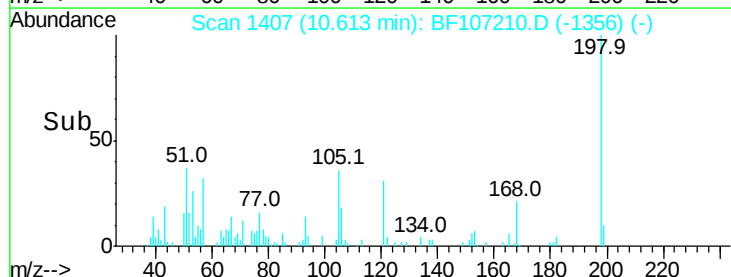
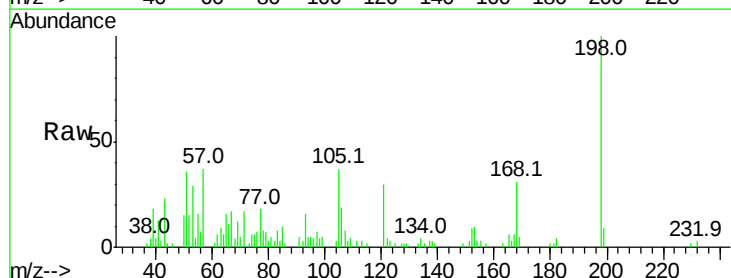
Manual Integrations
APPROVED

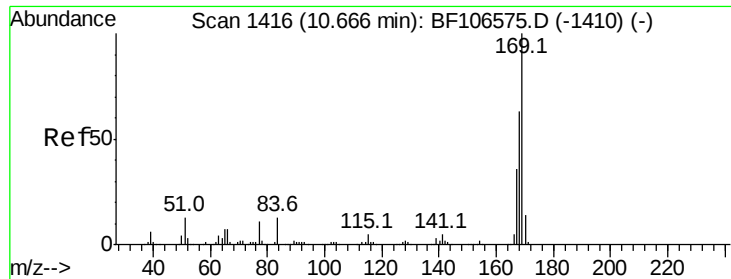
Sohil
7/9/2018 2:06:34 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 10.857 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	15059		
51	35.8		37.7	77.7#
105	37.3		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 39.471 ng

RT: 10.65 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

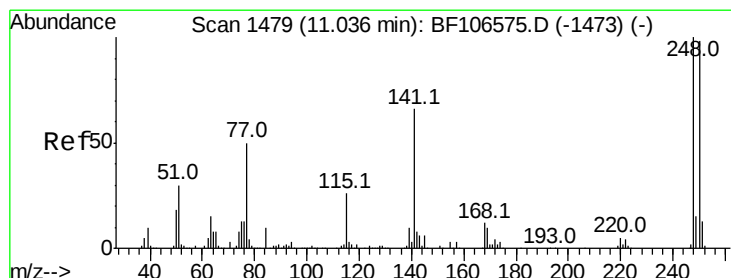
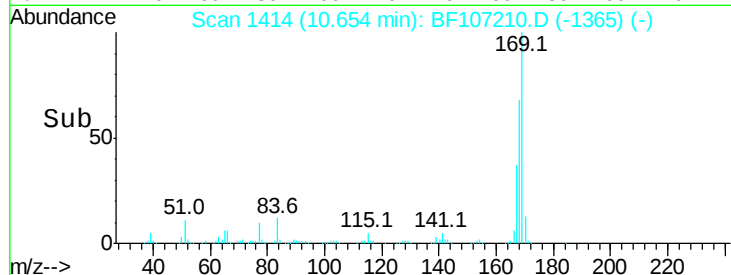
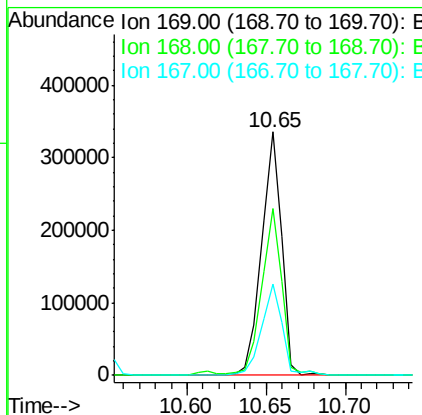
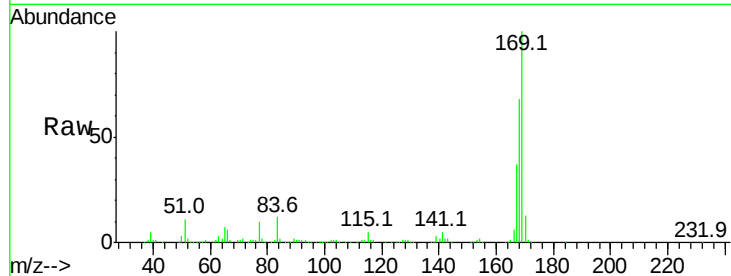
ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion:	169	Resp:	297910
Ion Ratio	Lower	Upper	
169	100		
168	68.4	54.4	81.6
167	37.4	29.8	44.6

Manual Integrations
APPROVED

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#66

4-Bromophenyl-phenylether

Concen: 45.385 ng

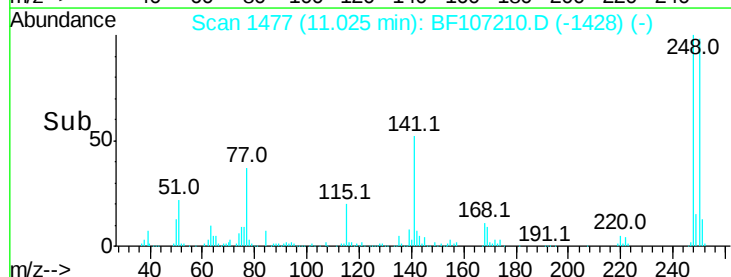
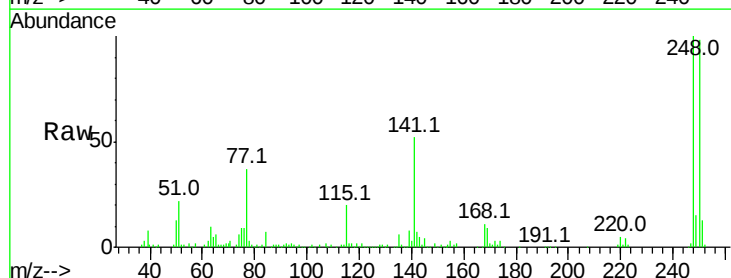
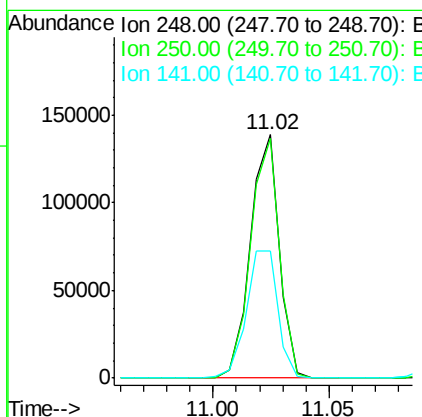
RT: 11.02 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Tgt Ion:	248	Resp:	121542
Ion Ratio	Lower	Upper	
248	100		
250	98.3	76.9	115.3
141	52.3	74.4	111.6#





#67

Hexachlorobenzene

Concen: 44.736 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

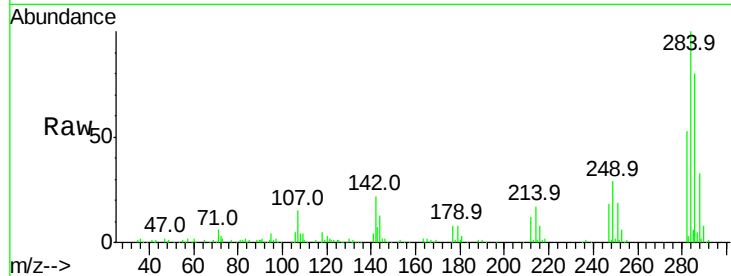
ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	21.8	34.6	52.0#	
249	29.4	24.8	37.2	

Manual Integrations
APPROVED

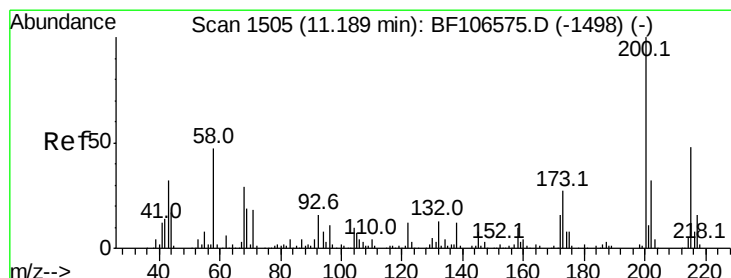
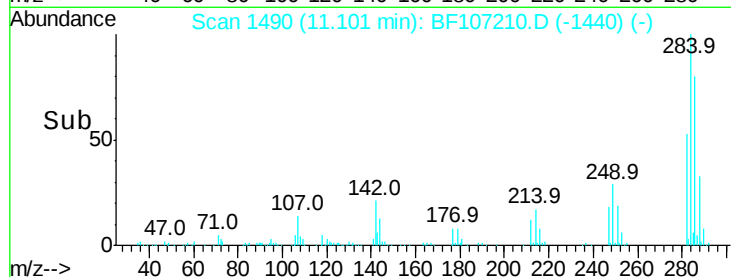
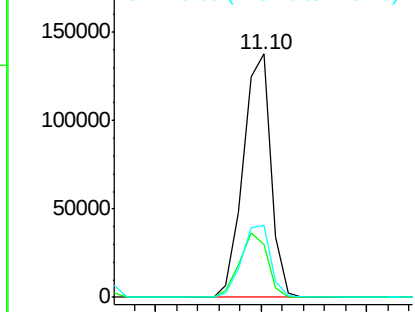
Sohil
7/9/2018 2:06:34 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.090 ng

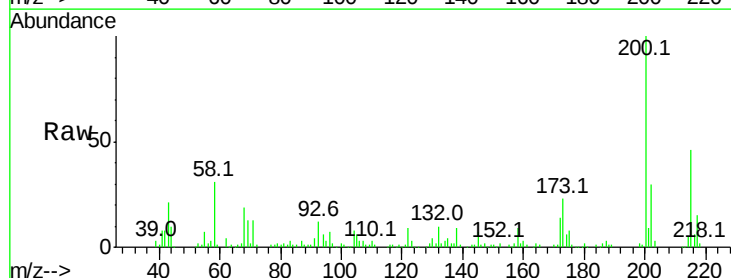
RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

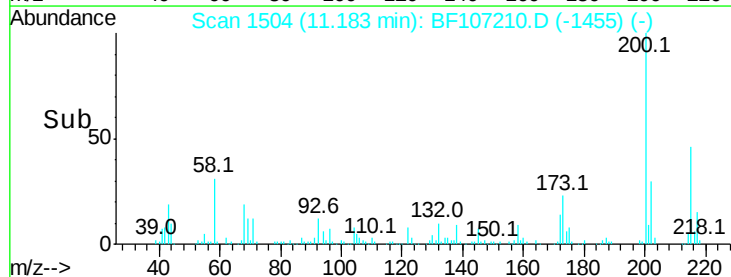
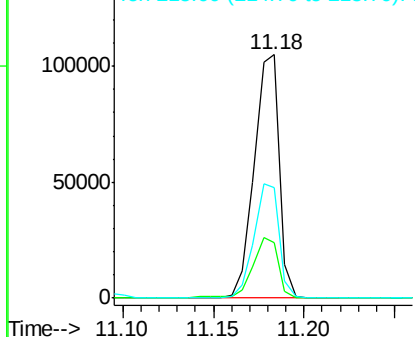
Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	22.7	8.6	48.6	
215	45.6	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





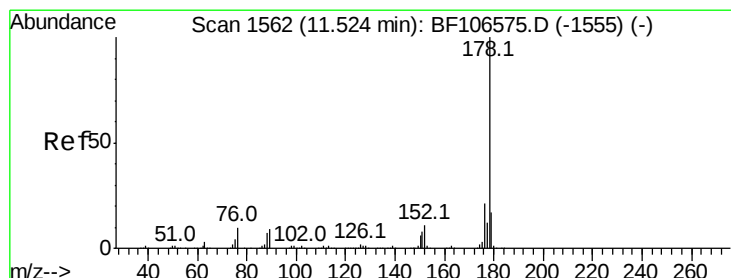
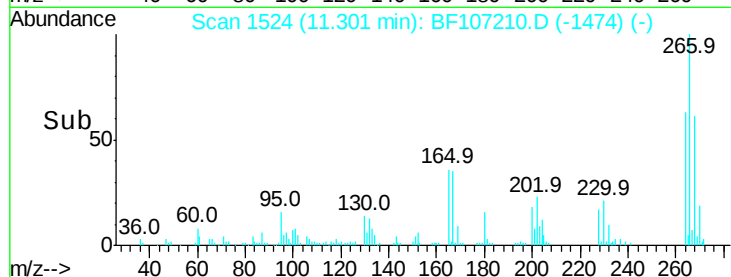
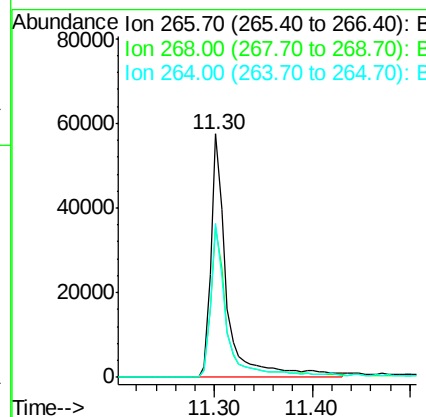
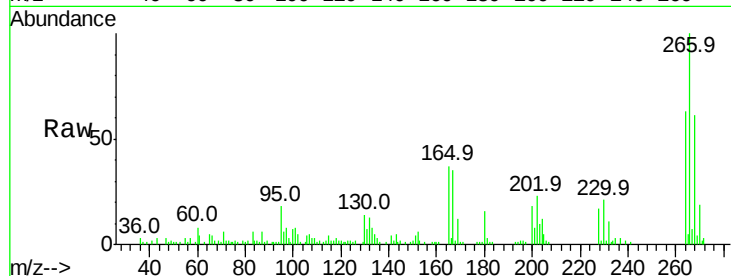
#69
 Pentachlorophenol
 Concen: 47.427 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.1	76.7
264	63.1	49.5	74.3

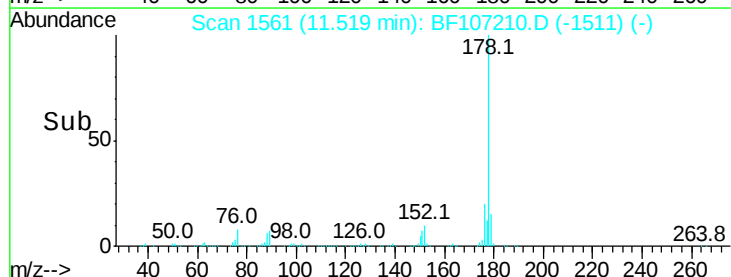
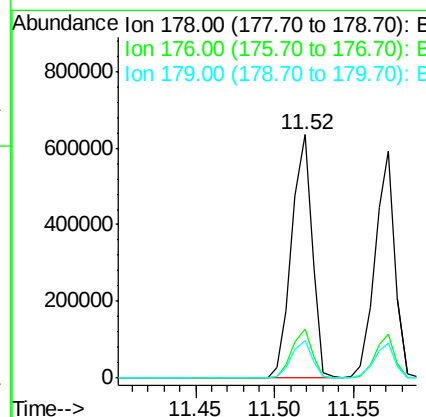
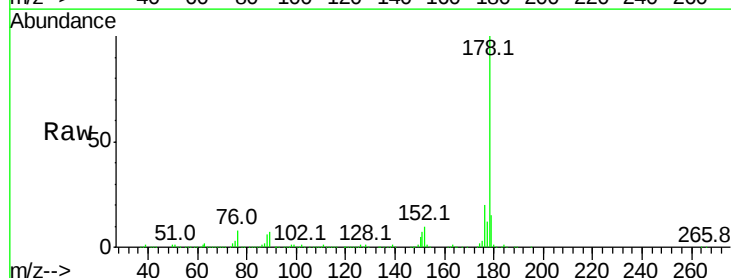
Manual Integrations
 APPROVED

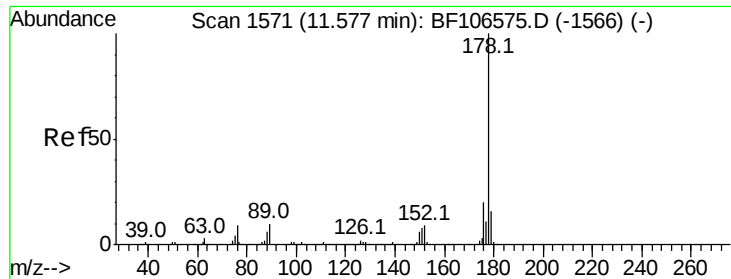
Sohil
 7/9/2018 2:06:34 PM



#70
 Phenanthrene
 Concen: 52.868 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.5	13.0	19.6





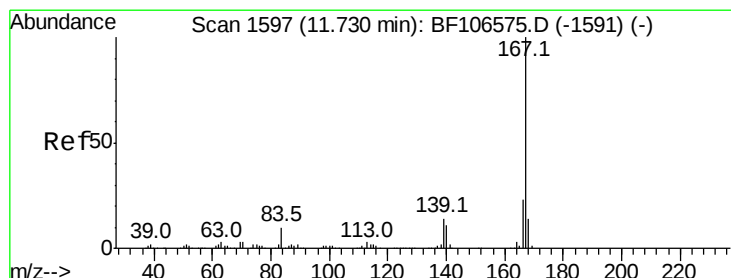
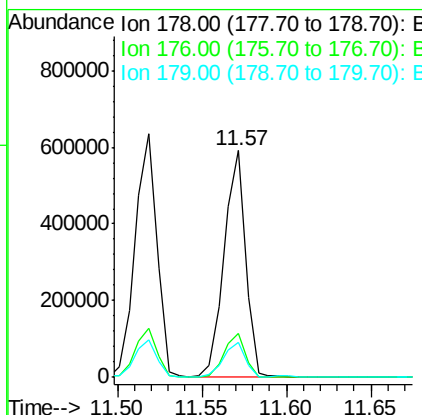
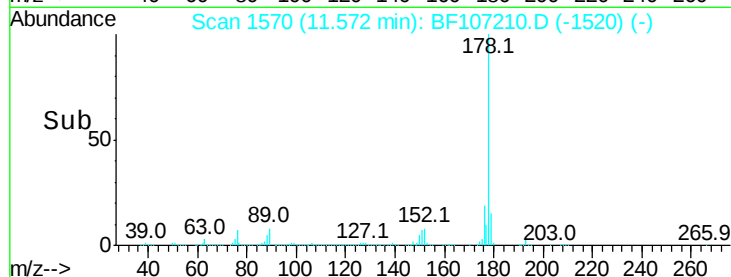
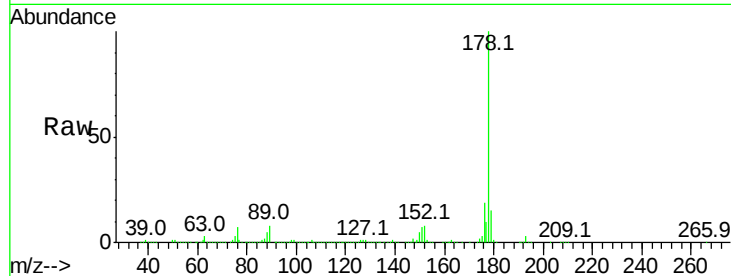
#71
 Anthracene
 Concen: 47.264 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.4	12.6	19.0

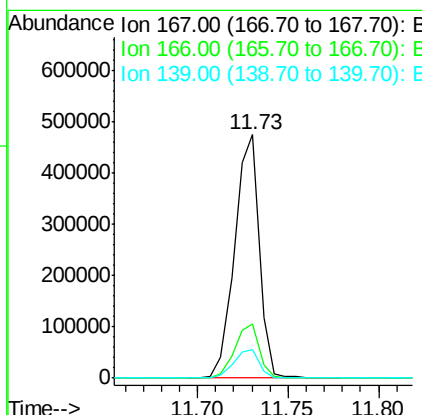
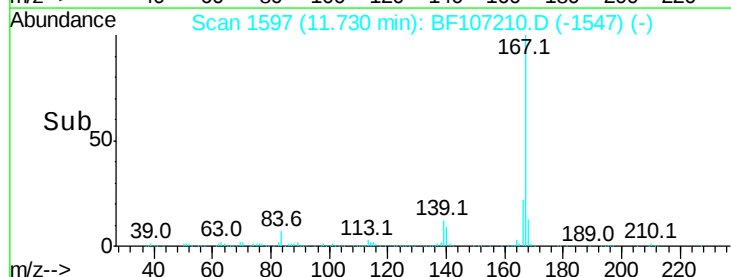
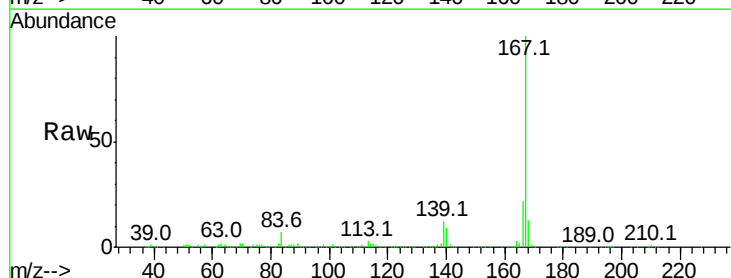
Manual Integrations
 APPROVED

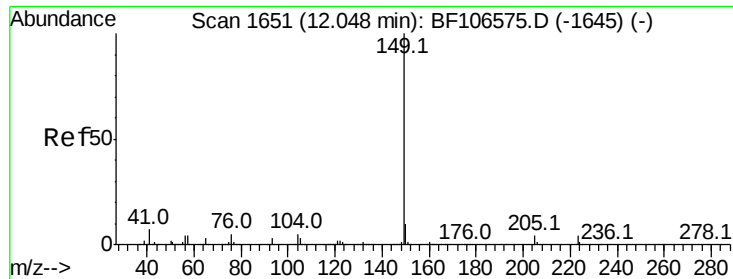
Sohil
 7/9/2018 2:06:34 PM



#72
 Carbazole
 Concen: 43.289 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	11.9	10.9	16.3





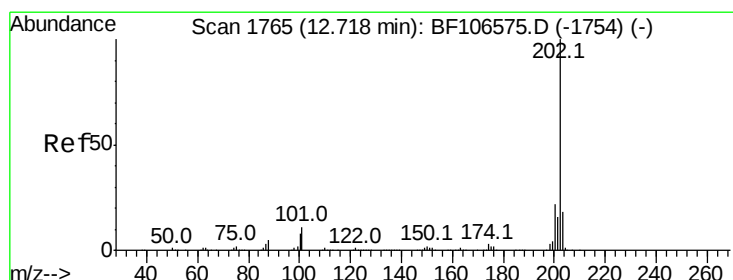
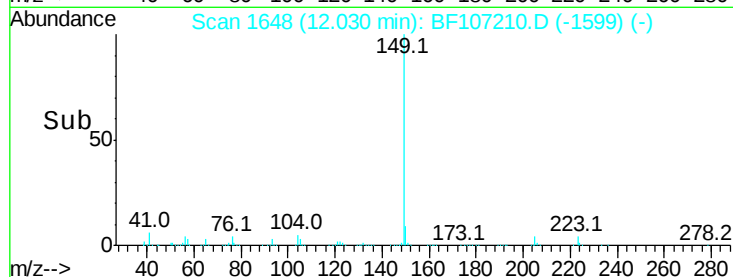
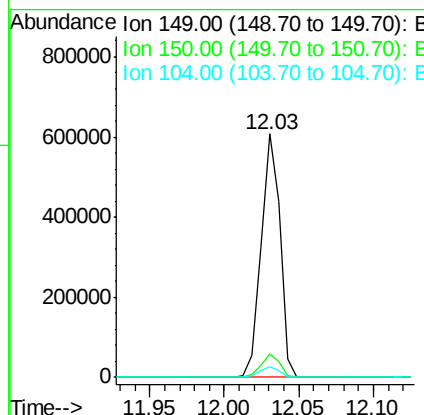
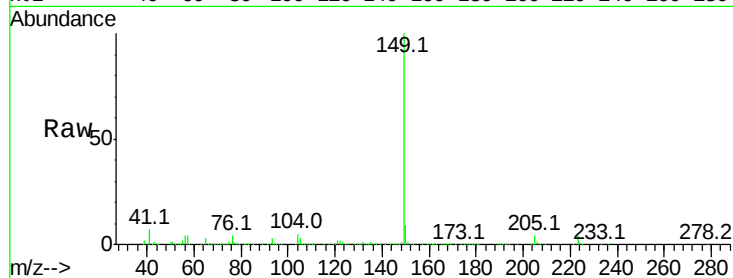
#73
Di-n-butylphthalate
Concen: 42.879 ng
RT: 12.03 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion:	149	Resp:	522469
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.5	3.8	5.8

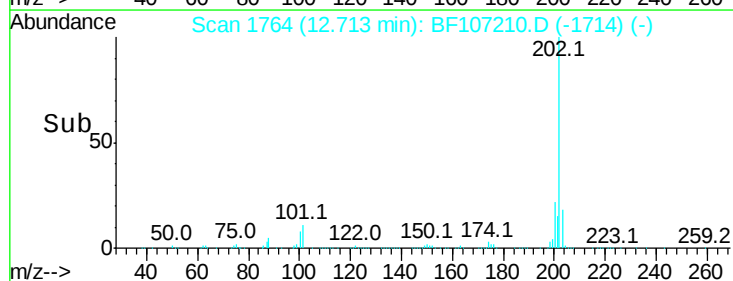
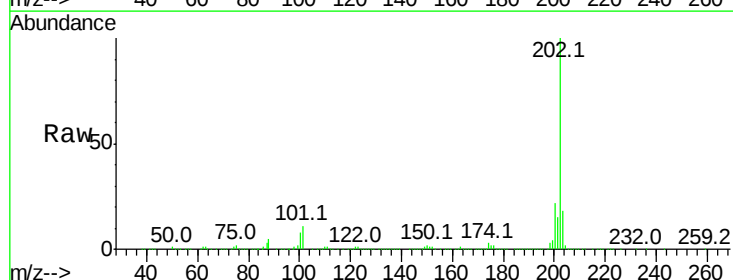
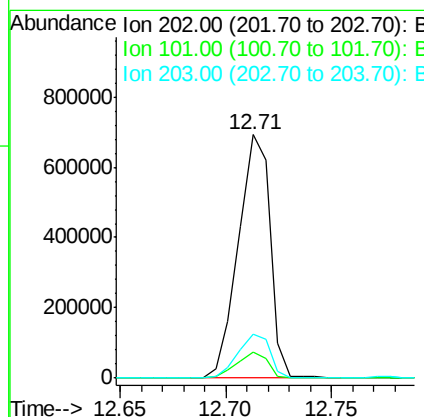
Manual Integrations
APPROVED

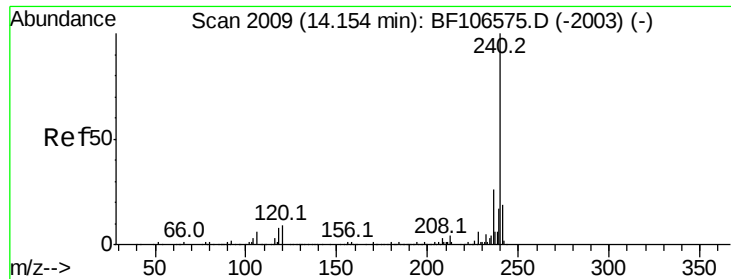
Sohil
7/9/2018 2:06:34 PM



#74
Fluoranthene
Concen: 60.620 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion:	202	Resp:	723139
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

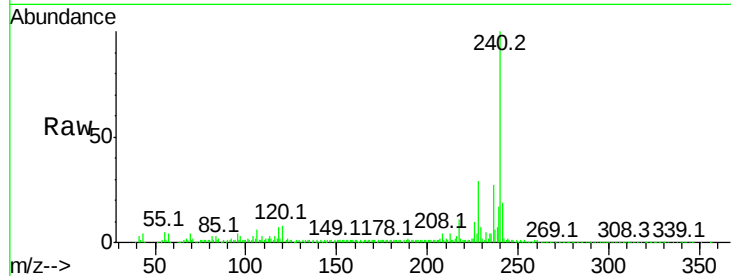
ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	26.8	20.7	31.1

Manual Integrations
APPROVED

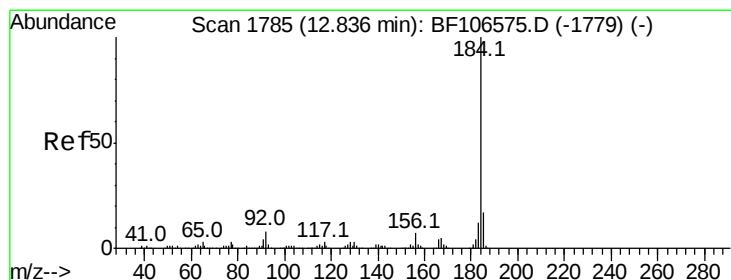
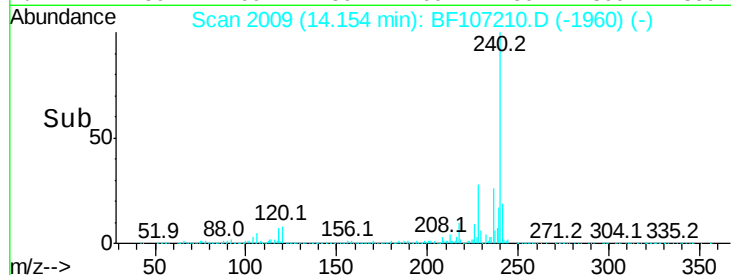
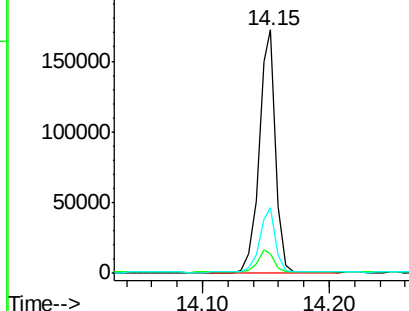
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.757 ng

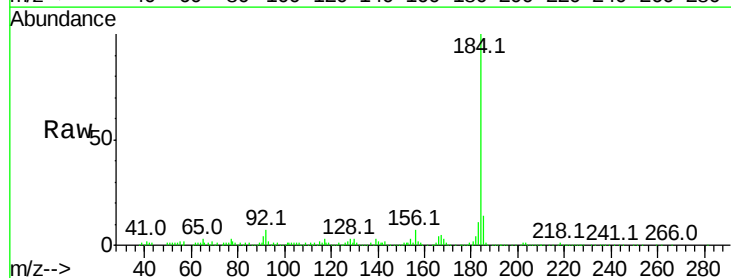
RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

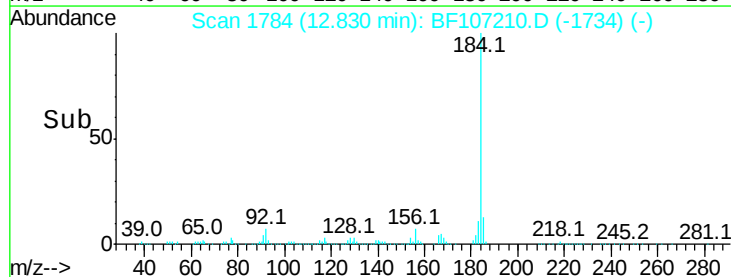
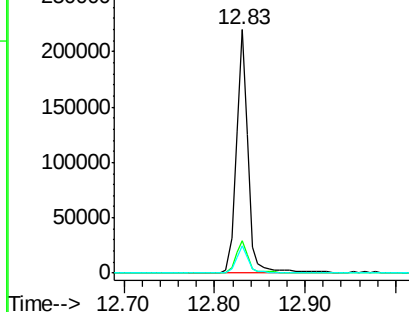
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.6	18.8
183	11.3	9.3	13.9

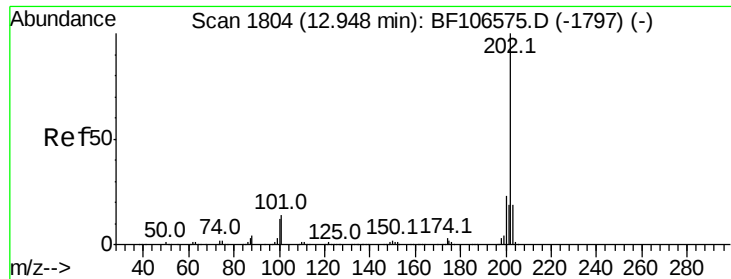


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





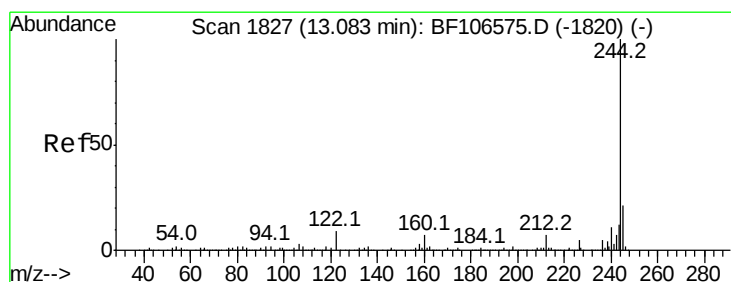
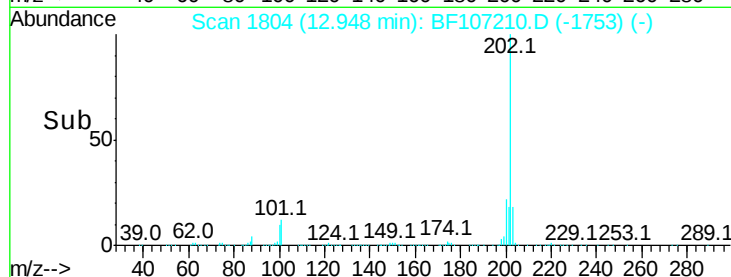
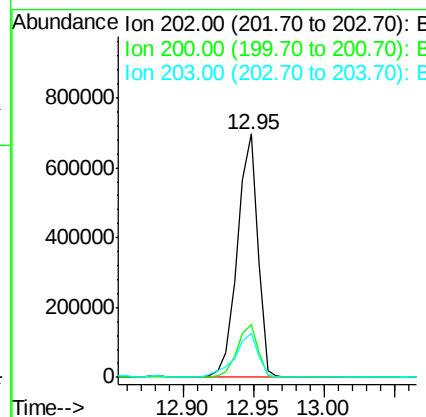
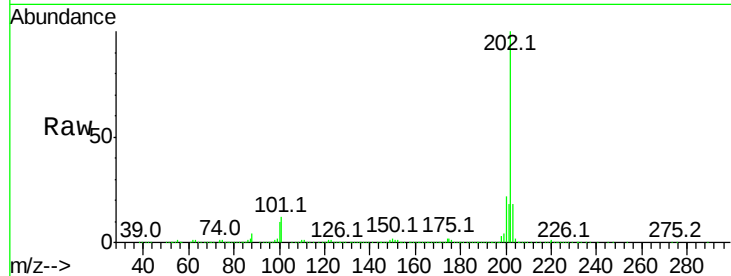
#77
Pvrene
Concen: 68.130 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.1	14.3	21.5

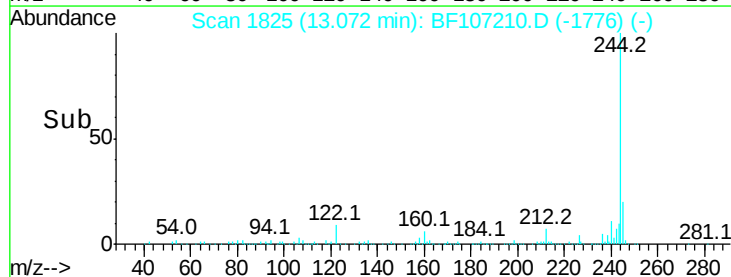
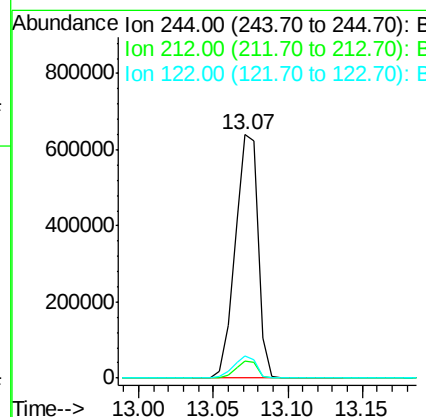
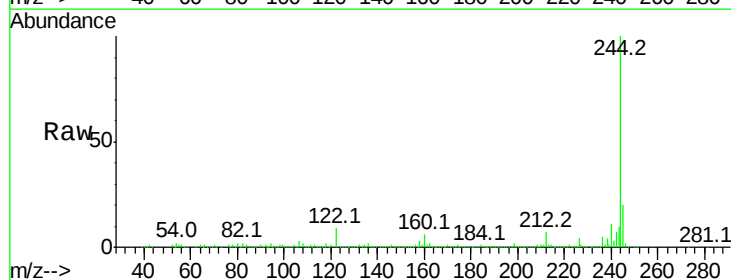
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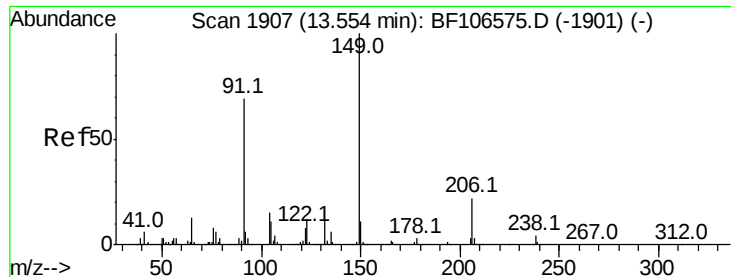
Sohil
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#78
Terphenyl-d14
Concen: 107.003 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.0	11.0	16.4





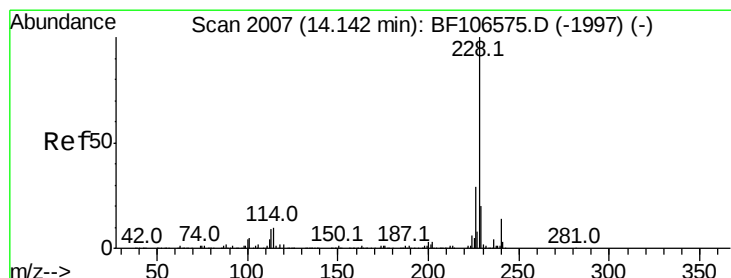
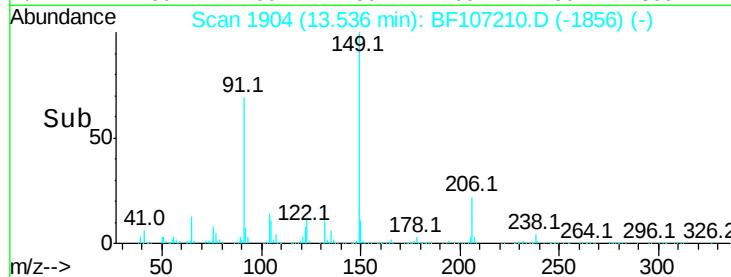
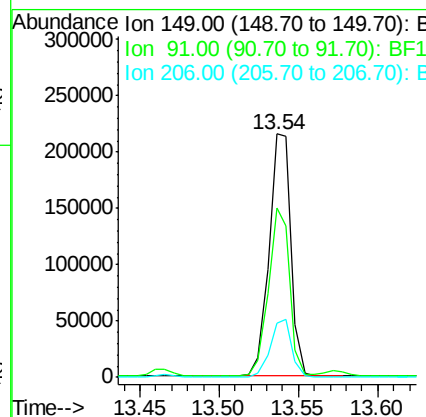
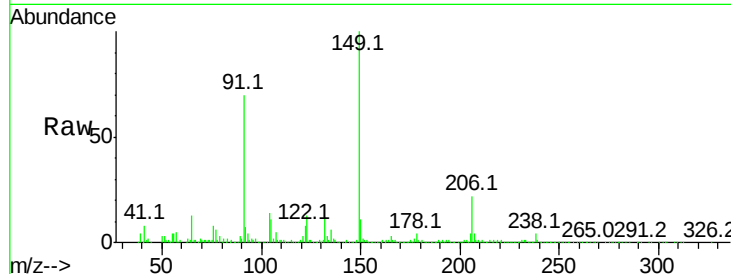
#79
Butylbenzylphthalate
Concen: 49.018 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	207711		
91	69.7	56.8	85.2	
206	22.2	14.1	21.1	

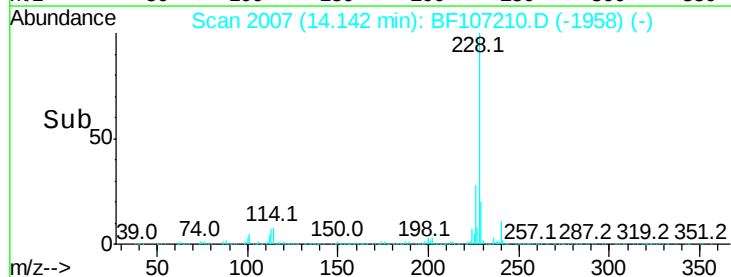
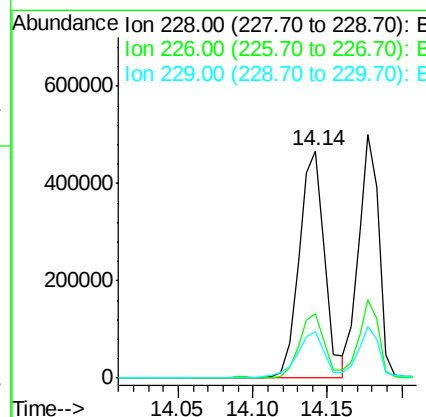
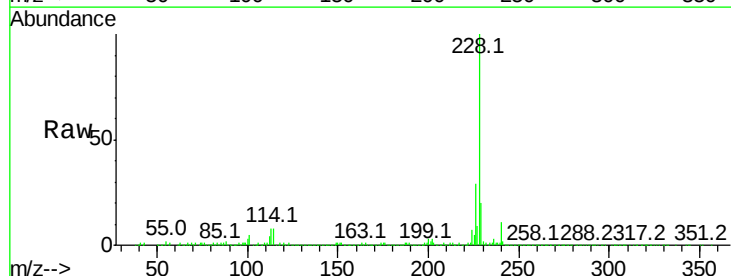
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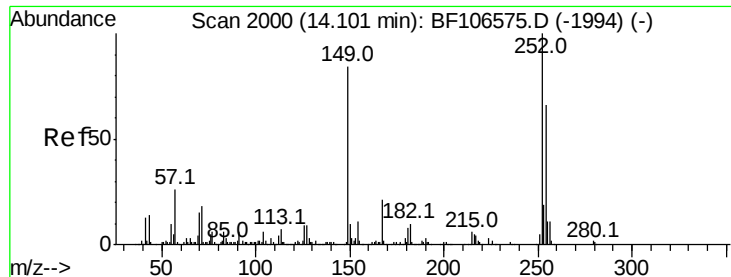
Sohil
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#80
Benzo(a)anthracene
Concen: 58.159 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	553990		
226	28.6	22.6	33.8	
229	20.4	15.8	23.6	





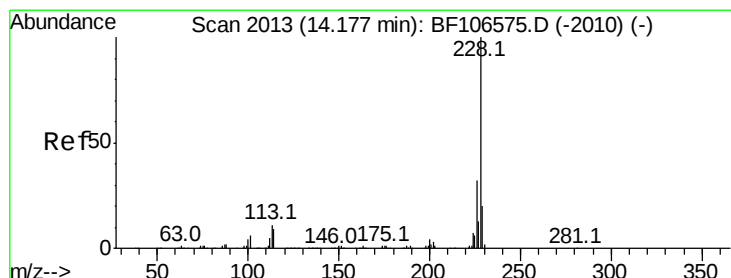
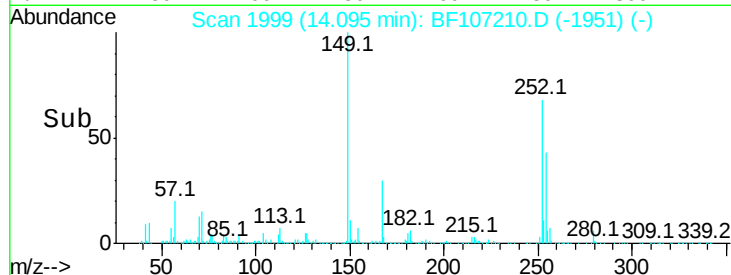
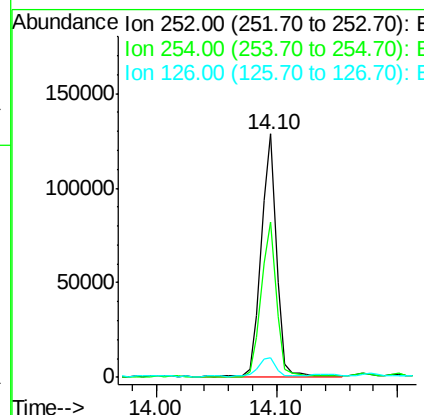
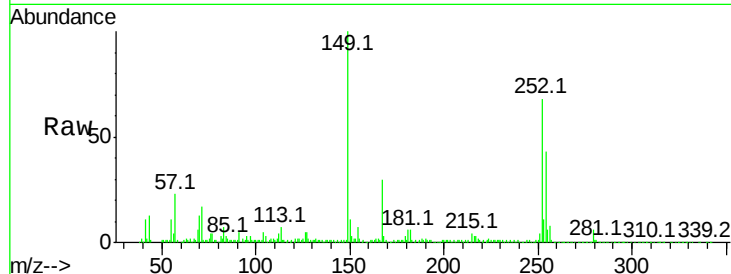
#81
 3,3'-Dichlorobenzidine
 Concen: 34.036 ng
 RT: 14.10 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	7.9	11.3	16.9

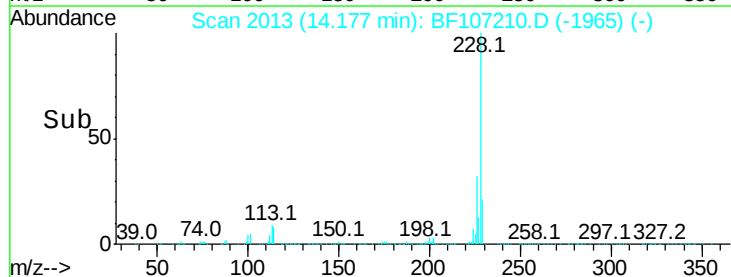
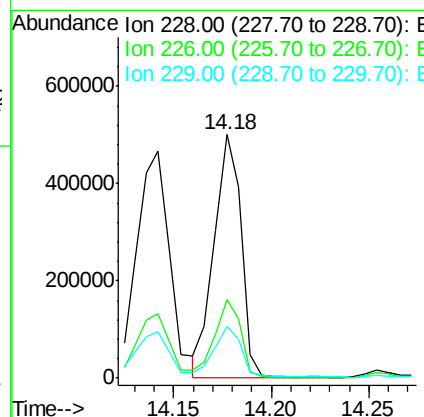
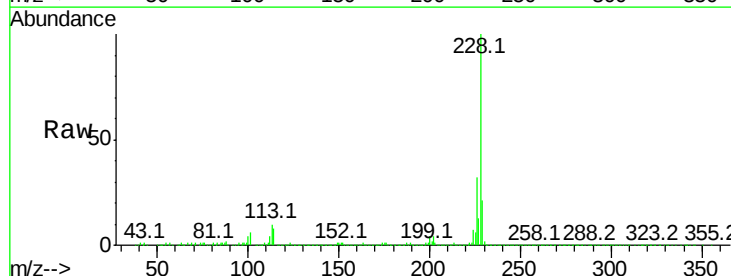
Manual Integrations
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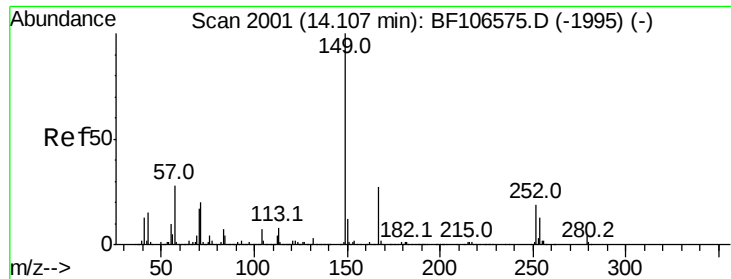
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#82
 Chrysene
 Concen: 54.824 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	21.5	16.2	24.4





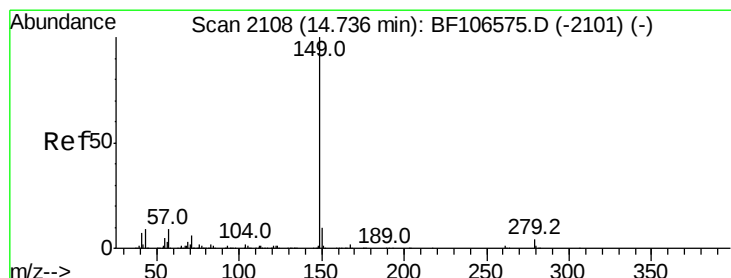
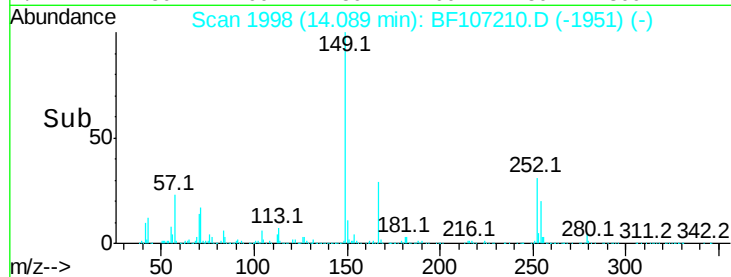
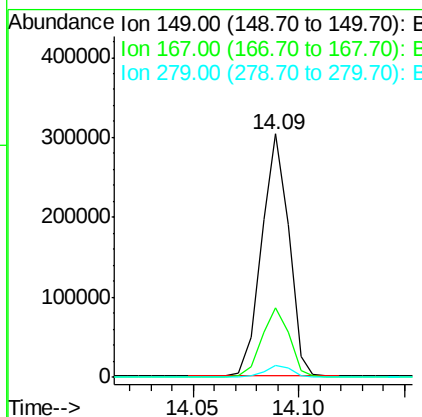
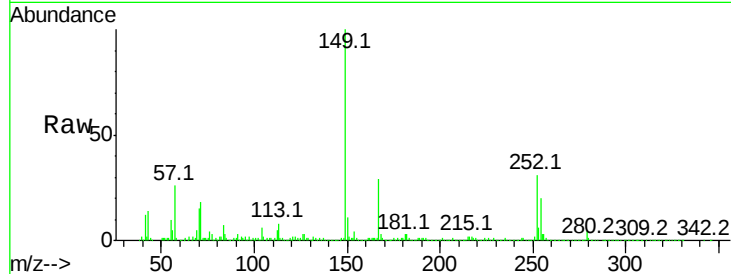
#83
Bis(2-ethylhexyl)phthalate
Concen: 50.122 ng
RT: 14.09 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.3	31.9
279	4.8	3.0	4.4

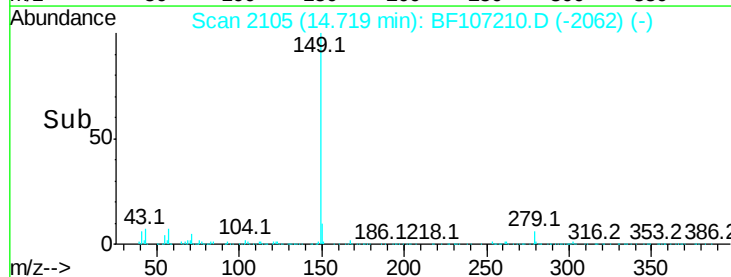
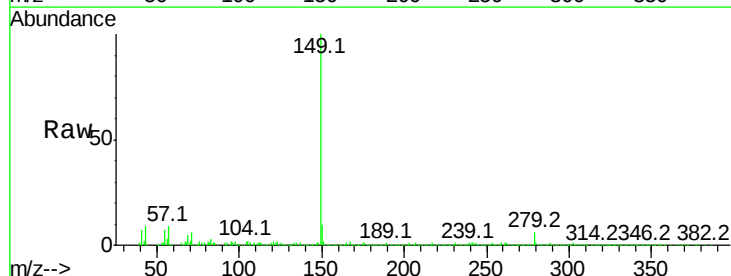
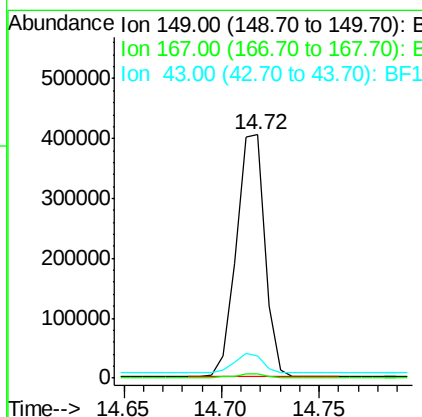
Manual Integrations
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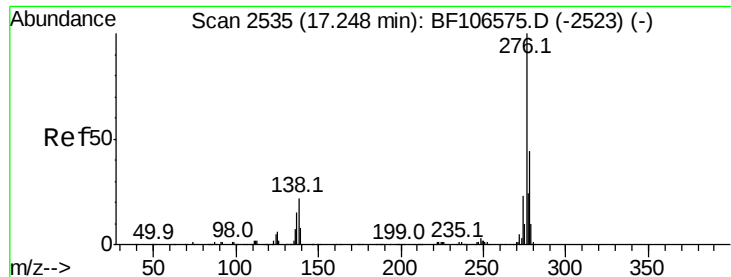
Sohil
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#84
Di-n-octyl phthalate
Concen: 46.320 ng
RT: 14.72 min Scan# 2105
Delta R.T. -0.05 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.1	8.4	12.6





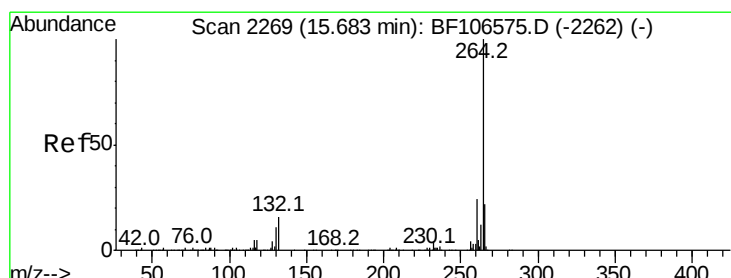
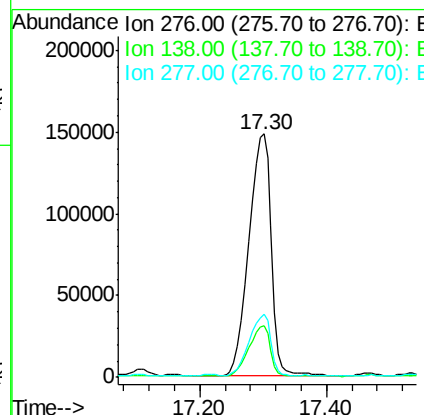
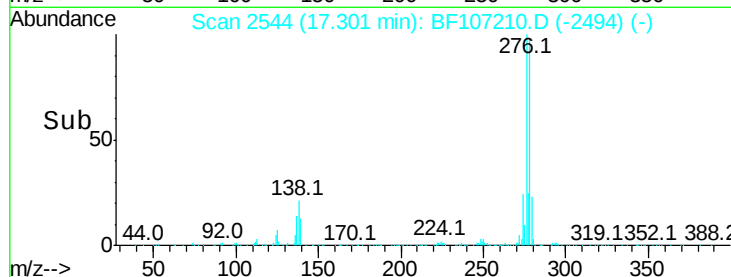
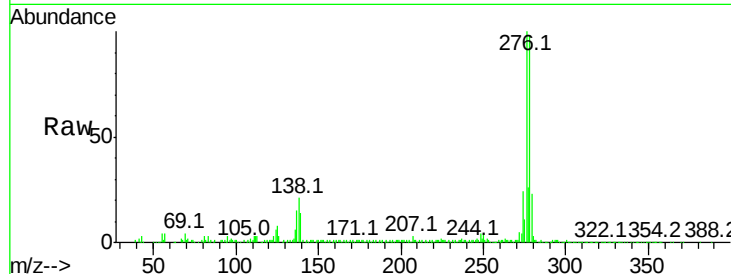
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.295 ng
RT: 17.30 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	25.0	37.6#
277	24.2	20.1	30.1

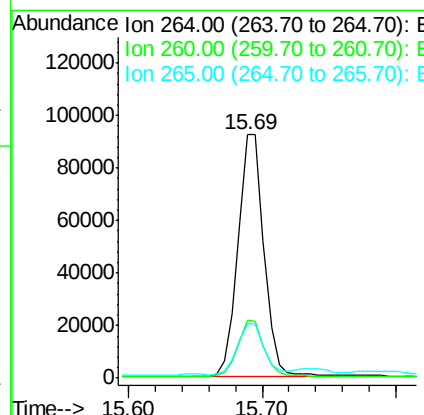
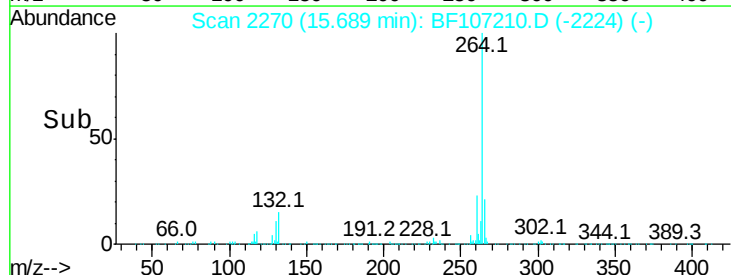
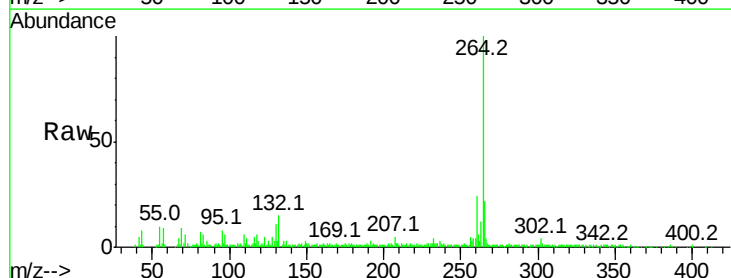
Manual Integrations
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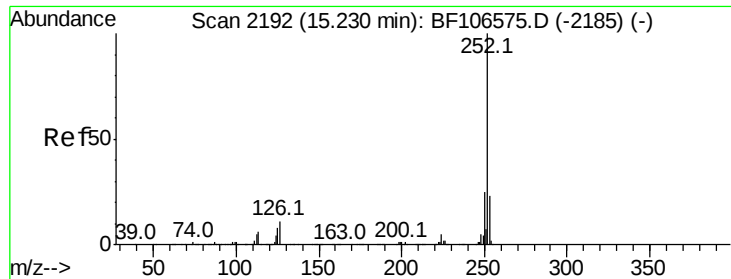
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 58.449 ng

RT: 15.24 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Instrument :

BNA_F

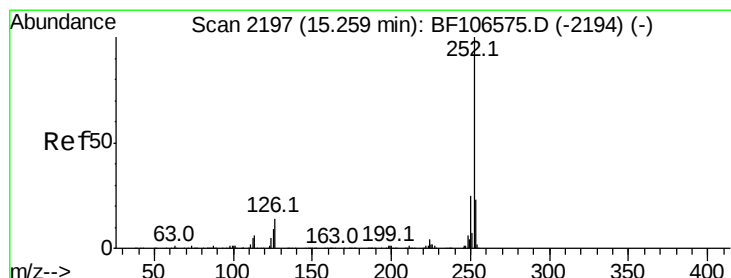
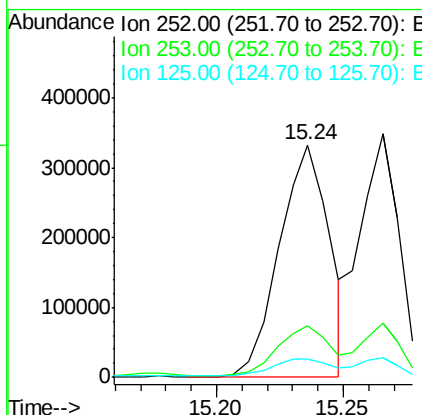
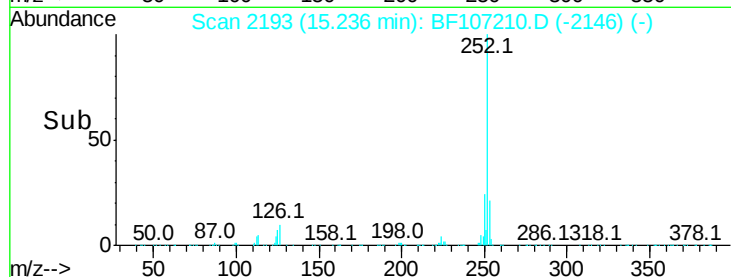
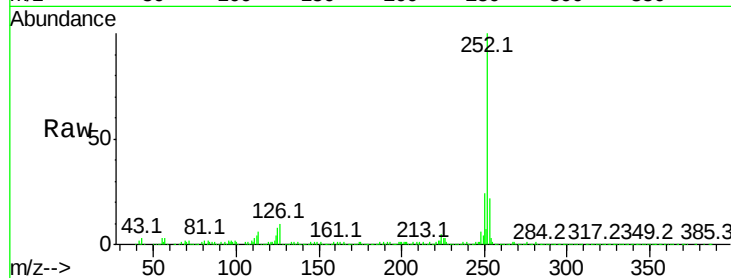
ClientSampleId :

SURCHARGE-SP-1MSD

Tot Ion:	252	Resp:	452265
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.6
125	8.1	9.0	13.6#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 50.592 ng

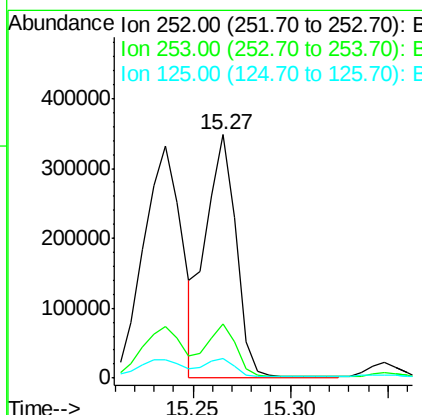
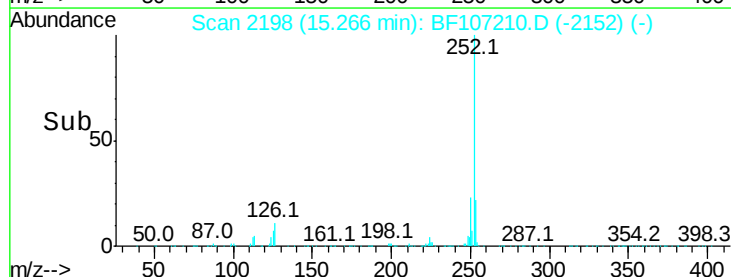
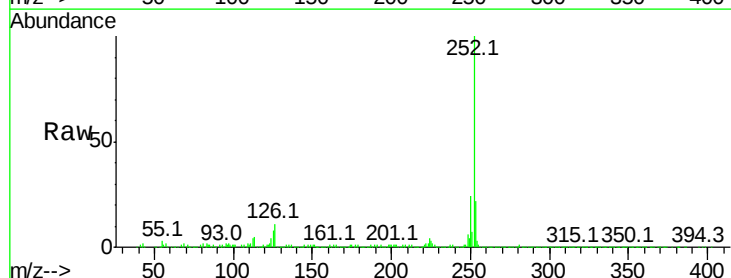
RT: 15.27 min Scan# 2198

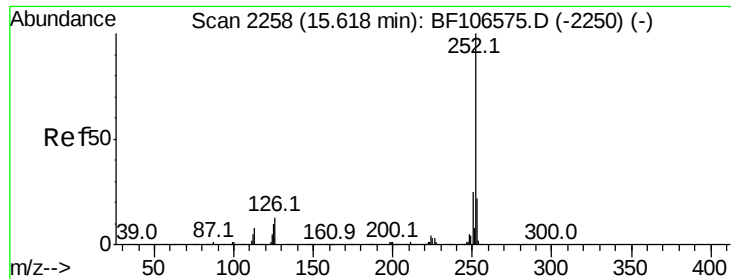
Delta R.T. -0.03 min

Lab File: BF107210.D

Acq: 7 Jul 2018 16:54

Tgt Ion:	252	Resp:	372799
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	7.9	10.2	15.2#





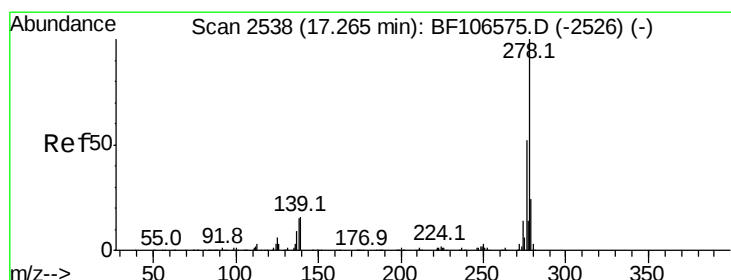
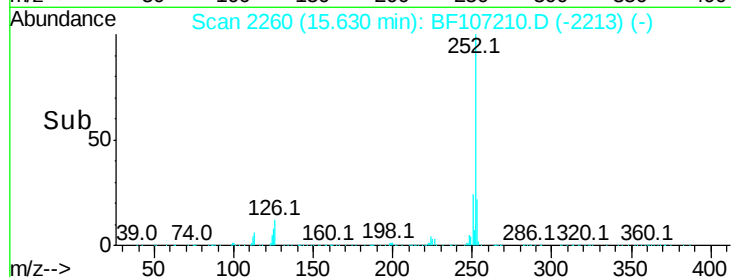
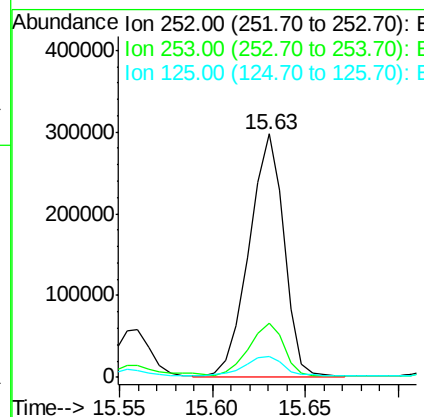
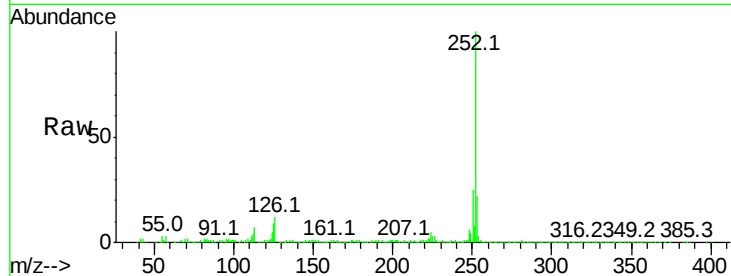
#89
Benzo(a)pyrene
Concen: 56.454 ng/ml
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Instrument :
BNA_F
ClientSampleId :
SURCHARGE-SP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	8.8	9.8	14.6

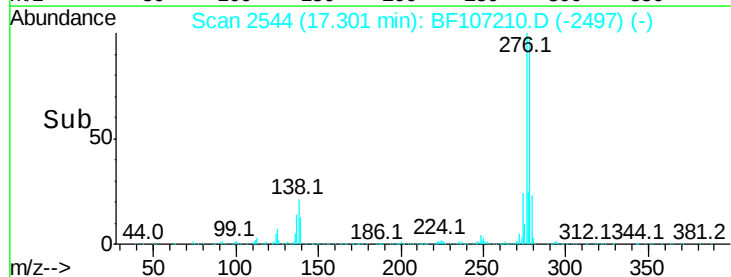
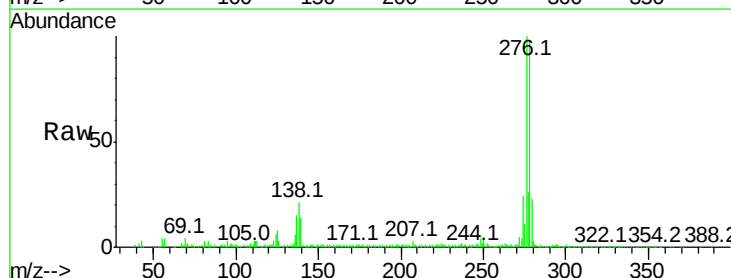
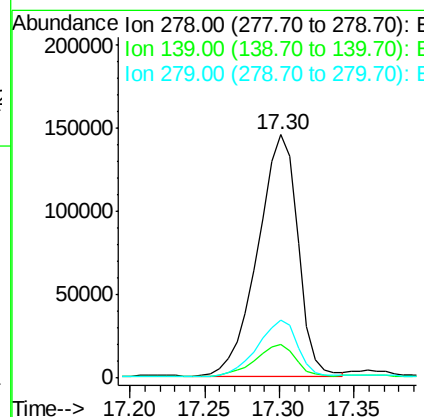
Manual Integrations
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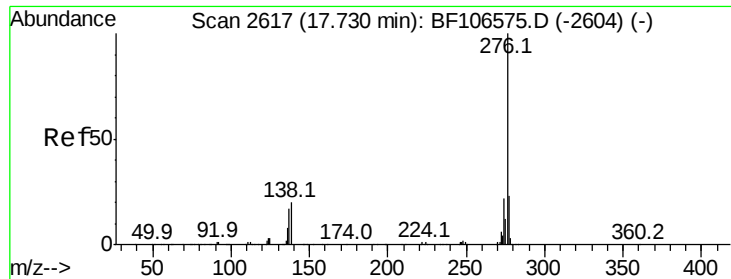
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 46.400 ng
RT: 17.30 min Scan# 2544
Delta R.T. -0.02 min
Lab File: BF107210.D
Acq: 7 Jul 2018 16:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 54.747 ng
 RT: 17.78 min Scan# 2626
 Delta R.T. -0.01 min
 Lab File: BF107210.D
 Acq: 7 Jul 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SURCHARGE-SP-1MSD

Tot Ion:	276	Resp:	311948
Ion Ratio		Lower	Upper
276	100		
277	24.0	17.9	26.9
138	17.9	21.8	32.8#

Manual Integrations
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 7/9/2018 2:06:34 PM

