

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109961.D
 Acq On : 18 Oct 2018 15:11
 Operator : JU/SJ
 Sample : J5575-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1015-S-DH-27MS

Manual Integrations
 APPROVED

Sohil
 10/19/2018 12:08:36 PM

Quant Time: Oct 19 02:54:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	241882	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	927261	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	421403	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	734221	20.00	ng	0.00
76) Chrysene-d12	14.16	240	418106	20.00	ng	0.00
87) Perylene-d12	15.69	264	445802	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1558343	102.12	ng	0.01
7) Phenol-d6	6.60	99	1980910	104.54	ng	0.00
23) Nitrobenzene-d5	7.55	82	1232849	89.56	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	438951	120.31	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2042950	77.36	ng	0.00
79) Terphenyl-d14	13.10	244	1551819	77.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	184990	21.345	ng	91
3) Pyridine	3.68	79	528902	27.373	ng	89
4) n-Nitrosodimethylamine	3.63	42	257567	32.677	ng	98
6) Aniline	6.64	93	733457	28.724	ng	# 53
8) 2-Chlorophenol	6.76	128	535170	31.310	ng	97
9) Benzaldehyde	6.53	77	332456	27.000	ng	99
10) Phenol	6.62	94	804035	39.302	ng	# 63
11) bis(2-Chloroethyl)ether	6.71	93	511270	29.890	ng	92
12) 1,3-Dichlorobenzene	6.92	146	572567	30.549	ng	98
13) 1,4-Dichlorobenzene	6.99	146	579496	30.700	ng	99
14) 1,2-Dichlorobenzene	7.15	146	541258	31.139	ng	98
15) Benzyl Alcohol	7.12	79	472772	32.432	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	837960	29.847	ng	68
17) 2-Methylphenol	7.22	107	446291	32.379	ng	# 81
18) Hexachloroethane	7.49	117	214271	32.122	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	367036	30.169	ng	97
20) 3+4-Methylphenols	7.37	107	561520	32.104	ng	# 86
22) Acetophenone	7.39	105	727872	33.848	ng	# 98
24) Nitrobenzene	7.56	77	547169	36.592	ng	92
25) Isophorone	7.80	82	1017663	37.626	ng	95
26) 2-Nitrophenol	7.87	139	275716	44.470	ng	92
27) 2,4-Dimethylphenol	7.90	122	497946	38.222	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	654436	35.257	ng	99
29) 2,4-Dichlorophenol	8.11	162	445951	35.287	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	477218	33.725	ng	95
31) Naphthalene	8.29	128	1522404	35.804	ng	99
32) Benzoic acid	7.96	122	42911	5.287	ng	89
33) 4-Chloroaniline	8.33	127	446971	23.384	ng	97
34) Hexachlorobutadiene	8.39	225	262965	33.701	ng	99
35) Caprolactam	8.69	113	144127m	32.112	ng	
36) 4-Chloro-3-methylphenol	8.80	107	464196	34.818	ng	93
37) 2-Methylnaphthalene	8.97	142	1042229	37.853	ng	98
38) 1-Methylnaphthalene	9.07	142	980440	36.748	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	437483	33.705	ng	98

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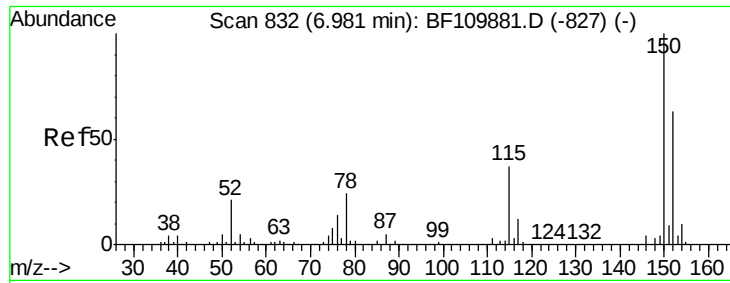
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	519422	82.912	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	297651	36.674	nq	94
44) 2,4,5-Trichlorophenol	9.29	196	319448	37.924	nq	96
46) 1,1'-Biphenyl	9.44	154	1225957	32.653	nq	100
47) 2-Chloronaphthalene	9.47	162	941006	34.026	nq	98
48) 2-Nitroaniline	9.56	65	286848	40.417	nq	96
49) Acenaphthylene	9.89	152	1455950	36.239	nq	97
50) Dimethylphthalate	9.74	163	1259497	42.209	nq	99
51) 2,6-Dinitrotoluene	9.80	165	236019	41.644	nq	100
52) Acenaphthene	10.06	154	922546	36.067	nq	98
53) 3-Nitroaniline	9.97	138	208389	30.227	nq	95
54) 2,4-Dinitrophenol	10.07	184	95302	55.816	nq	# 85
55) Dibenzofuran	10.23	168	1271790	34.864	nq	97
56) 4-Nitrophenol	10.13	139	511365	97.210	nq	89
57) 2,4-Dinitrotoluene	10.20	165	306624	43.323	nq	# 89
58) Fluorene	10.57	166	985746	37.122	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.34	232	257739	38.608	nq	96
60) Diethylphthalate	10.44	149	1026178	34.819	nq	97
61) 4-Chlorophenyl-phenylether	10.56	204	467320	33.784	nq	98
62) 4-Nitroaniline	10.59	138	241411	36.992	nq	91
63) Azobenzene	10.72	77	1008227	32.747	nq	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	101110	39.657	nq	89
66) n-Nitrosodiphenylamine	10.68	169	866208	35.422	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	285532	35.884	nq	93
68) Hexachlorobenzene	11.12	284	294697	34.731	nq	# 89
69) Atrazine	11.20	200	274509	35.937	nq	99
70) Pentachlorophenol	11.31	266	266305	55.148	nq	96
71) Phenanthrene	11.54	178	1353453	35.607	nq	100
72) Anthracene	11.59	178	1401200	36.666	nq	100
73) Carbazole	11.74	167	1153691	30.718	nq	100
74) Di-n-butylphthalate	12.06	149	1495526	35.680	nq	99
75) Fluoranthene	12.73	202	1190108	31.341	nq	99
77) Benzdine	12.85	184	650459	40.576	nq	97
78) Pyrene	12.96	202	1144639	37.274	nq	99
80) Butylbenzylphthalate	13.57	149	484204	39.001	nq	95
81) Benzo(a)anthracene	14.14	228	904291	36.719	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	272398	31.550	nq	99
83) Chrysene	14.19	228	848179	36.183	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	674167	41.268	nq	96
85) Di-n-octyl phthalate	14.74	149	1084051	47.068	nq	100
86) Indeno(1,2,3-cd)pyrene	17.25	276	1038447	55.020	nq	# 95
88) Benzo(b)fluoranthene	15.23	252	921338	35.848	nq	97
89) Benzo(k)fluoranthene	15.26	252	844405	33.332	nq	98
90) Benzo(a)pyrene	15.62	252	877187	37.109	nq	98
91) Dibenzo(a,h)anthracene	17.27	278	860860	41.094	nq	98
92) Benzo(g,h,i)perylene	17.73	276	832679	39.341	nq	# 94

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



#1

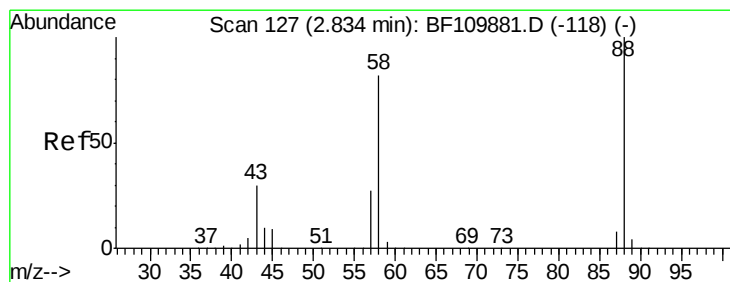
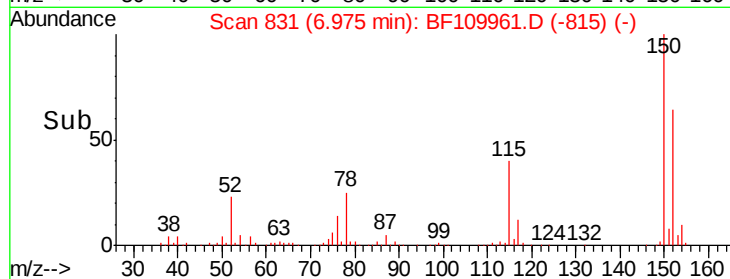
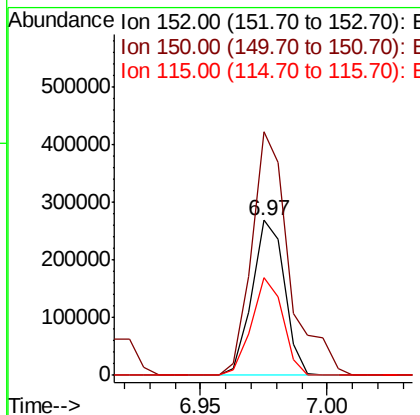
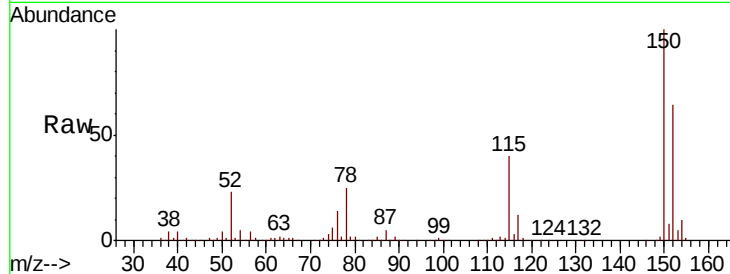
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.7	184.1
115	62.8	49.1	73.7

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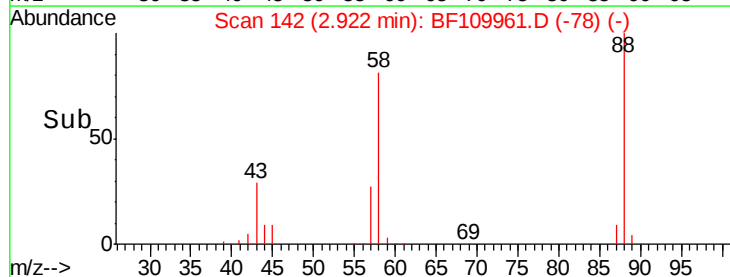
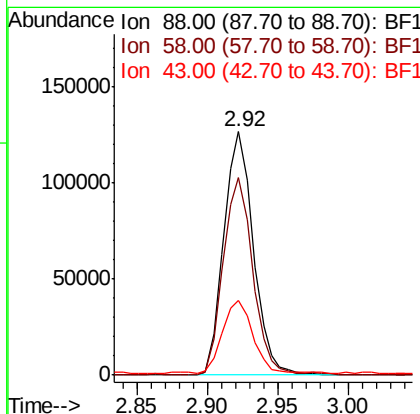
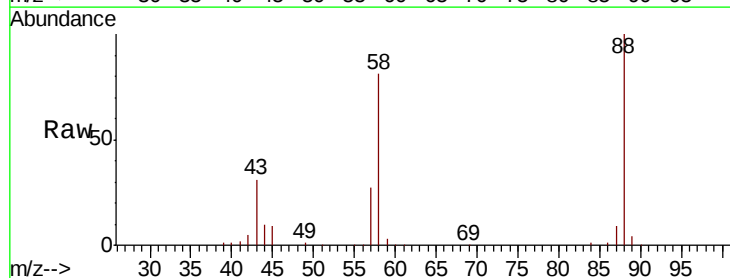
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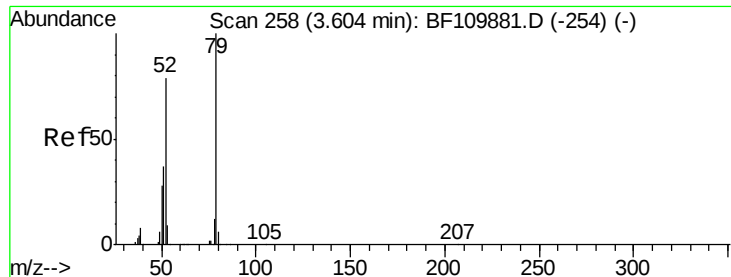


#2

1,4-Dioxane
Concen: 21.345 ng
RT: 2.92 min Scan# 142
Delta R.T. 0.08 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.9	57.1	85.7
43	30.7	24.1	36.1





#3

Pvridine

Concen: 27.373 ng

RT: 3.68 min Scan# 270

Delta R.T. 0.06 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

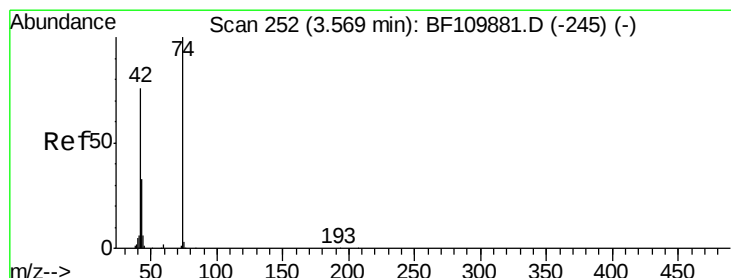
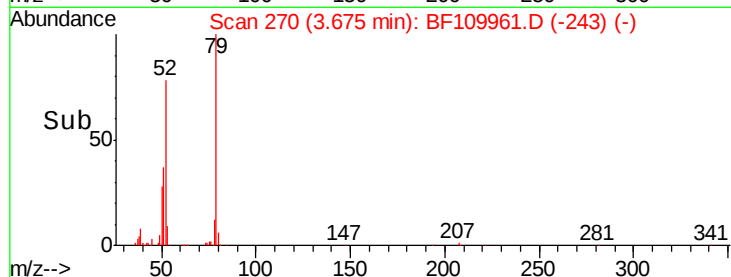
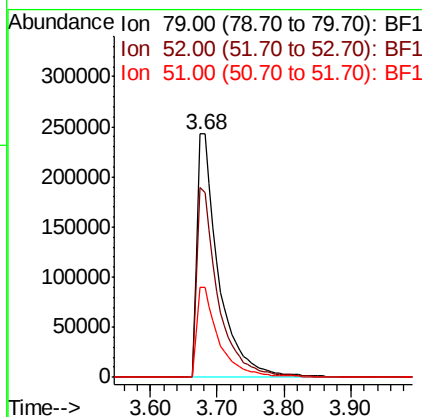
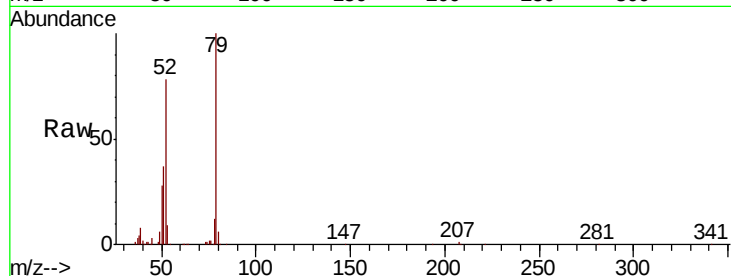
ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion:	79	Resp:	528902
Ion Ratio	Lower	Upper	
79	100		
52	77.9	53.1	79.7
51	36.8	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 32.677 ng

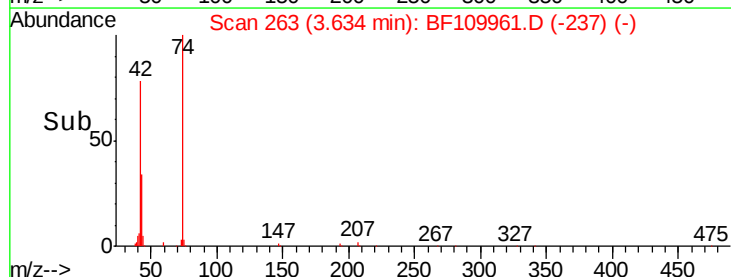
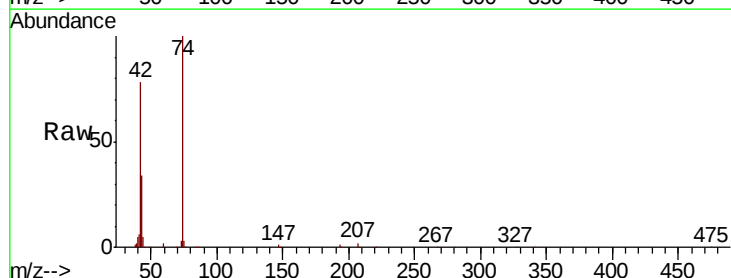
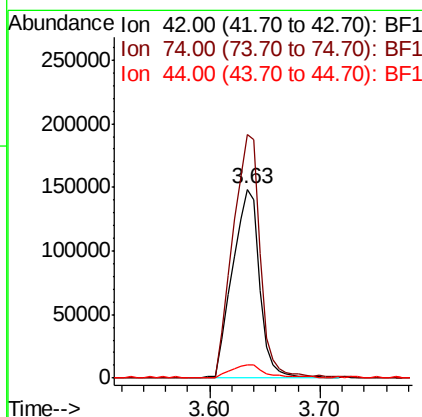
RT: 3.63 min Scan# 263

Delta R.T. 0.05 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Tgt Ion:	42	Resp:	257567
Ion Ratio	Lower	Upper	
42	100		
74	129.0	105.5	158.3
44	6.8	4.9	7.3





#5

2-Fluorophenol

Concen: 102.124 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion: 112 Resp: 1558343

Ion Ratio Lower Upper

112 100

64 56.5 44.1 66.1

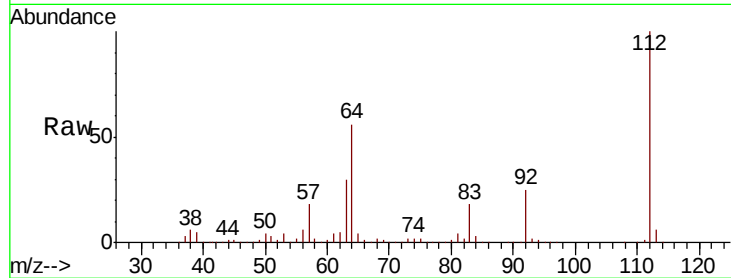
63 30.0 23.7 35.5

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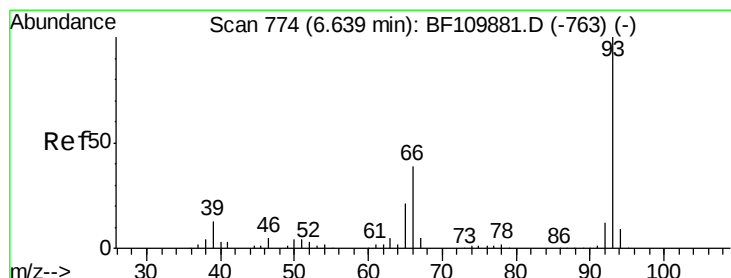
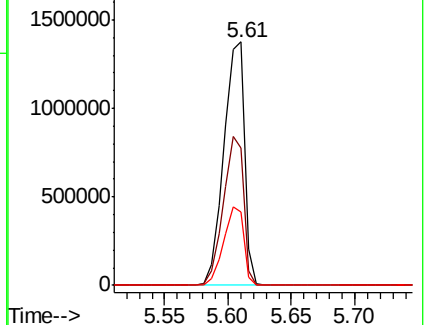
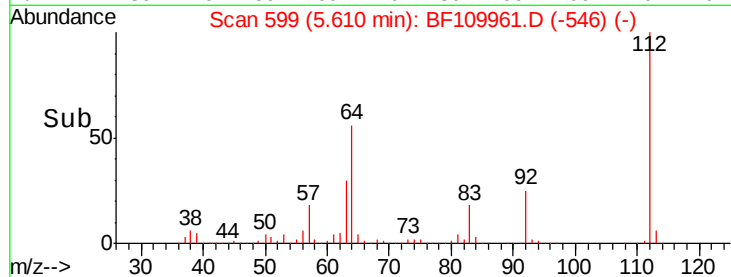
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.724 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

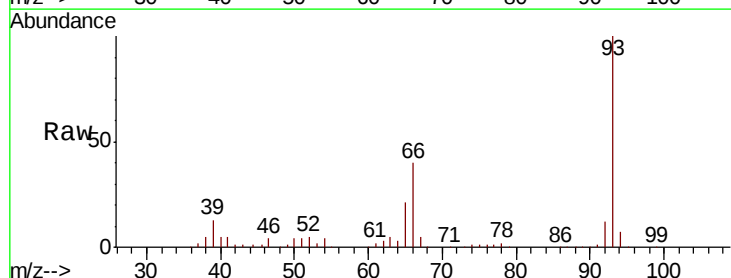
Tgt Ion: 93 Resp: 733457

Ion Ratio Lower Upper

93 100

66 40.1 67.4 101.0#

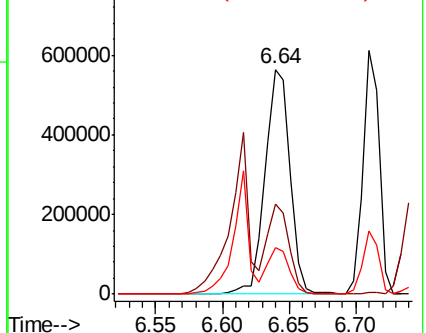
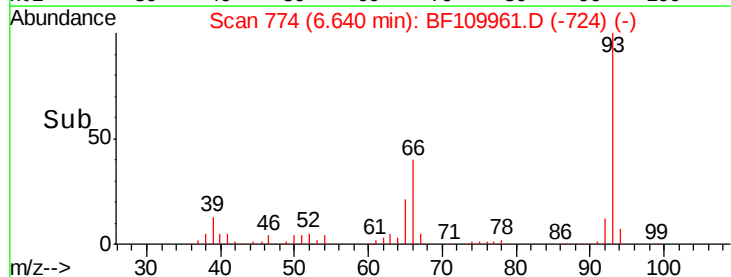
65 20.9 41.0 61.4#

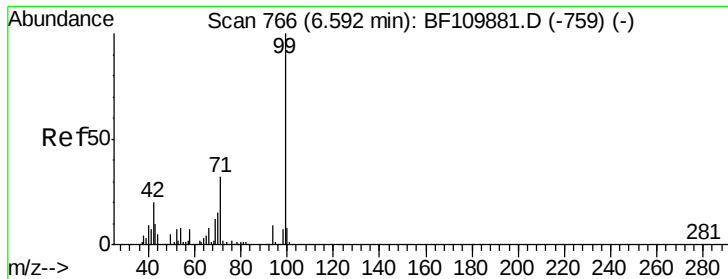


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.544 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

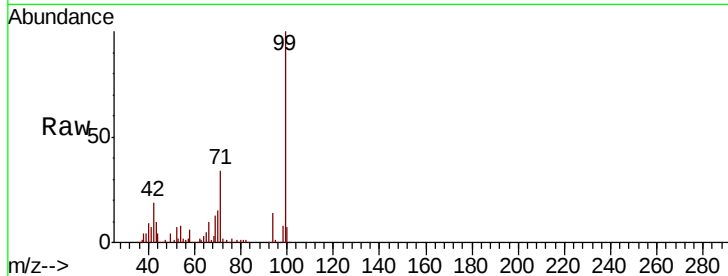
ClientSampleId :

SSSI-1015-S-DH-27MS

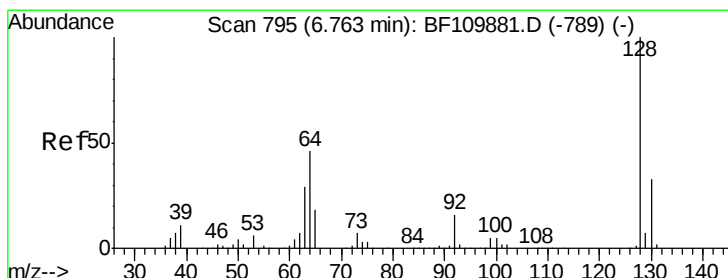
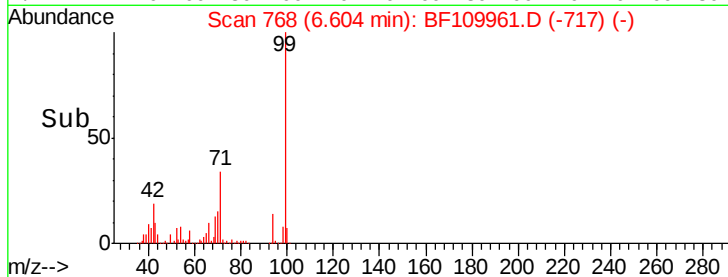
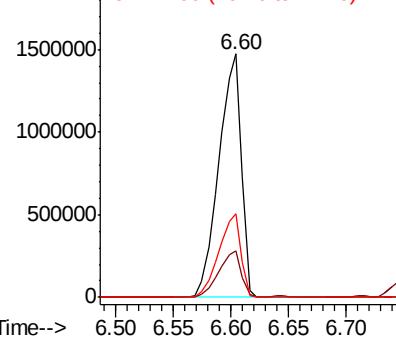
Tot Ion:	99	Resp:	1980910
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.6
71	34.2	28.0	42.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 31.310 ng

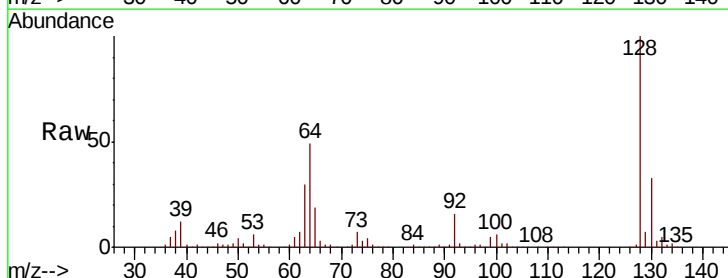
RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

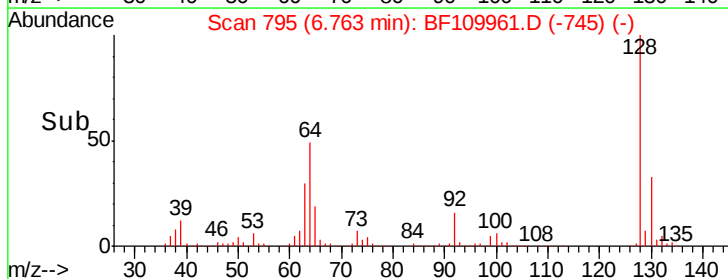
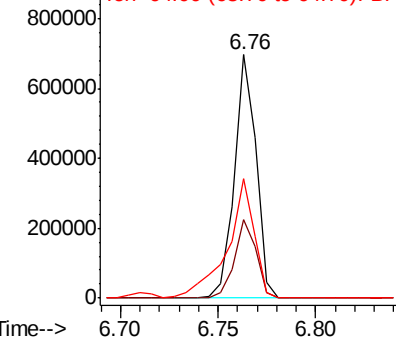
Lab File: BF109961.D

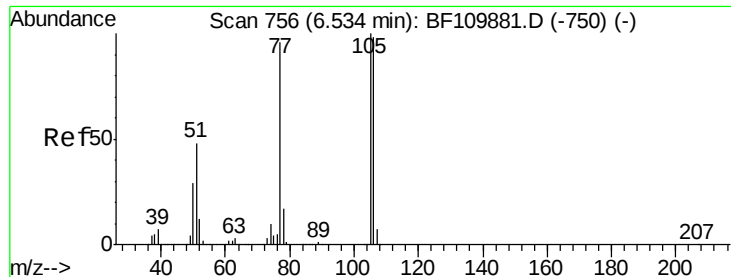
Acq: 18 Oct 2018 15:11

Tgt Ion:	128	Resp:	535170
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.1	53.1
64	49.1	26.0	66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.000 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

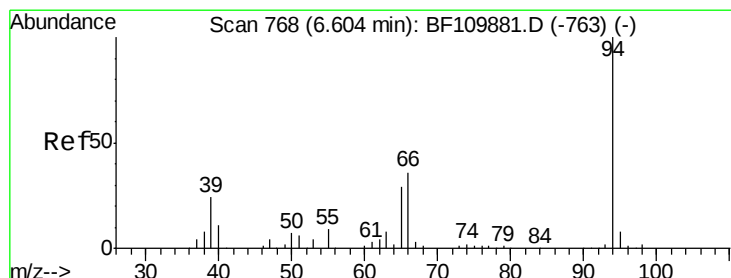
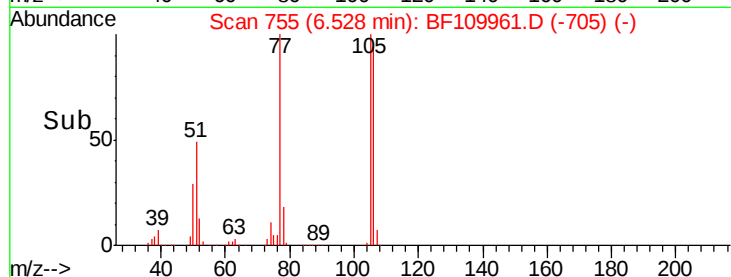
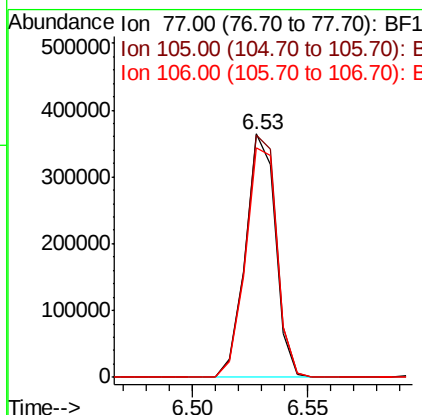
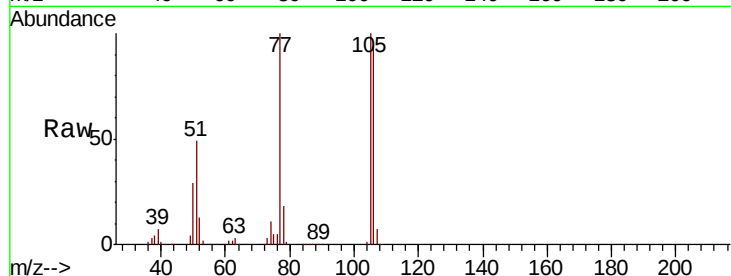
ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion:	77	Resp:	332456
Ion Ratio	Lower	Upper	
77	100		
105	99.5	78.6	118.6
106	94.4	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 39.302 ng

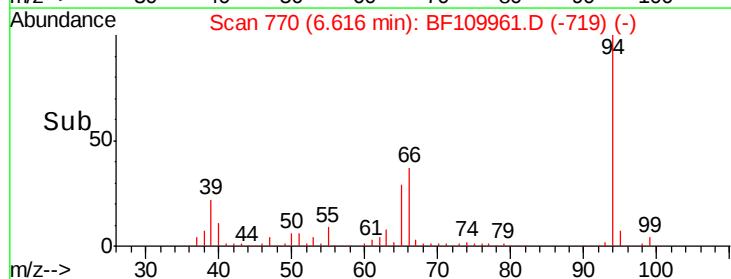
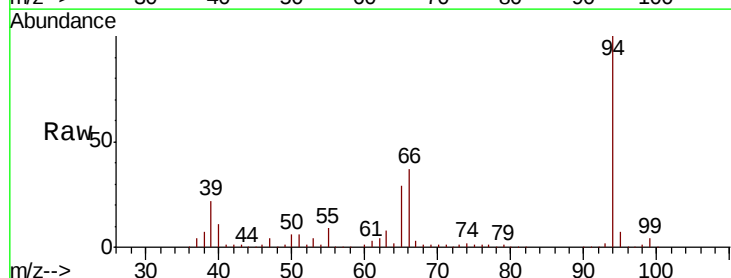
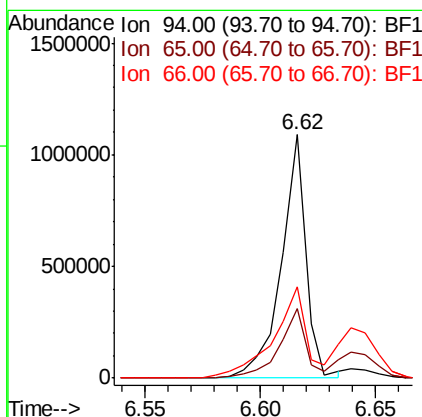
RT: 6.62 min Scan# 770

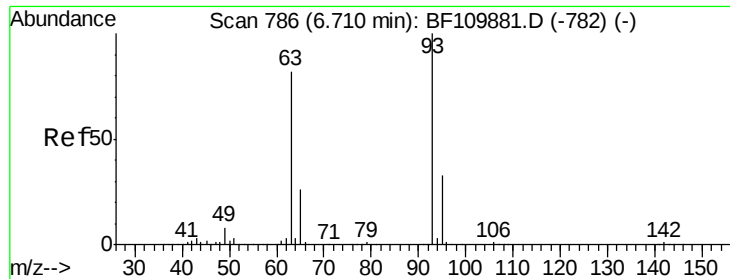
Delta R.T. -0.00 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Tgt Ion:	94	Resp:	804035
Ion Ratio	Lower	Upper	
94	100		
65	28.5	25.3	65.3
66	37.4	54.5	94.5#





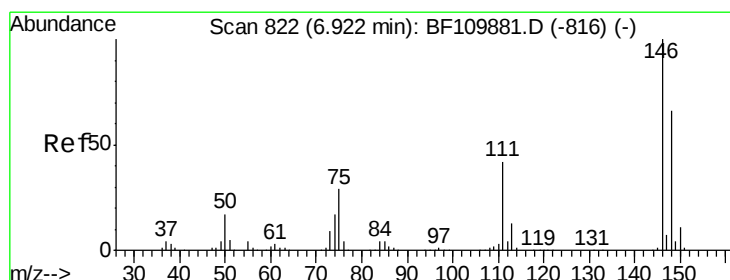
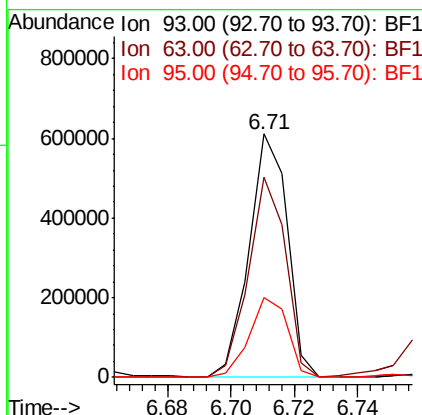
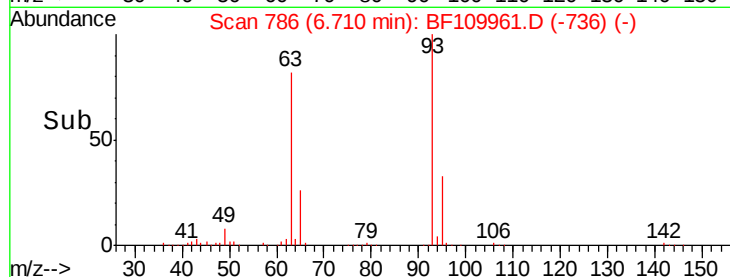
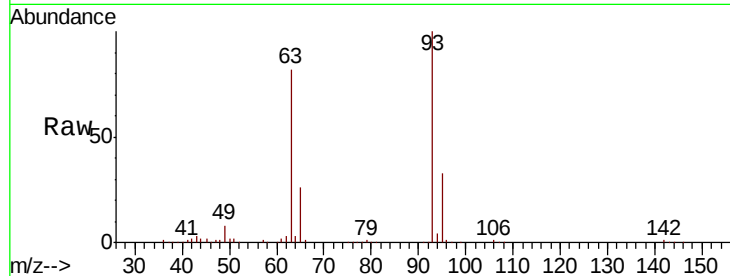
#11
bis(2-Chloroethyl)ether
Concen: 29.890 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion:	93	Resp:	511270
Ion	Ratio	Lower	Upper
93	100		
63	82.4	53.4	93.4
95	32.7	12.1	52.1

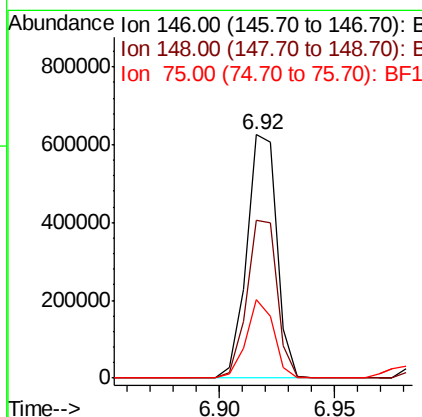
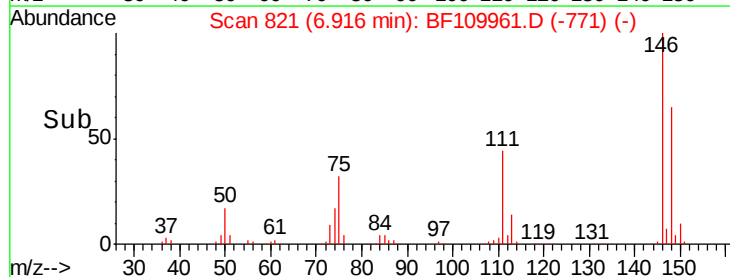
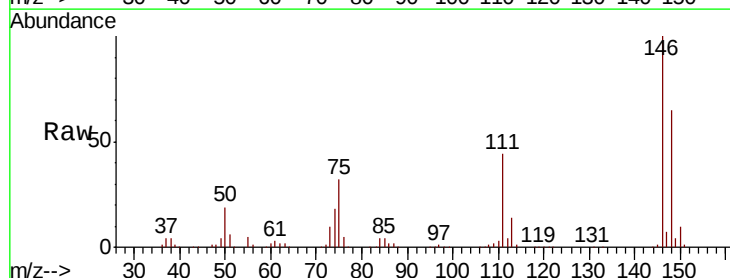
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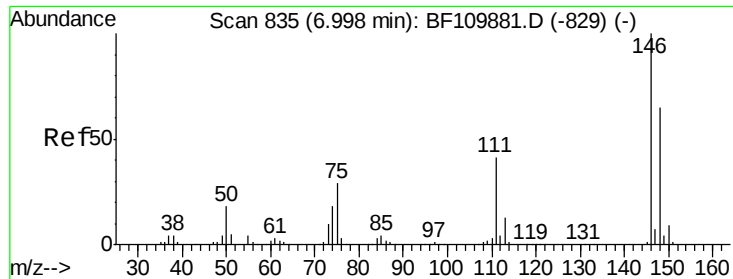
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#12
1,3-Dichlorobenzene
Concen: 30.549 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion:	146	Resp:	572567
Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.4	75.6
75	32.2	25.8	38.6





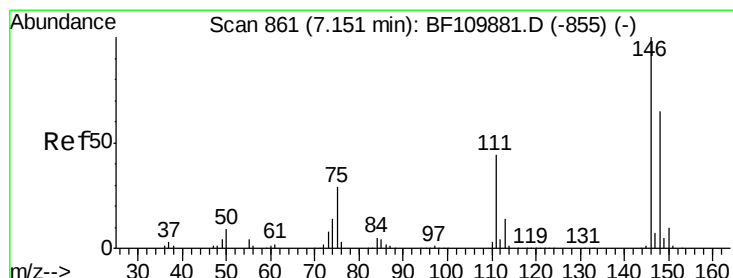
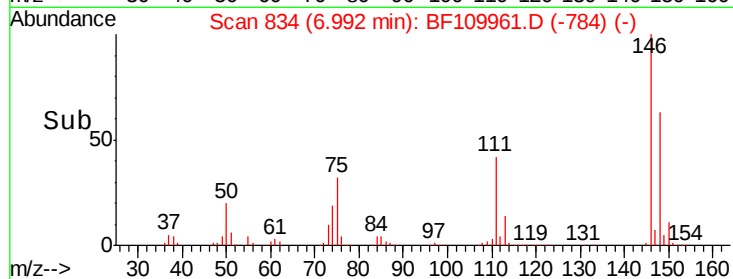
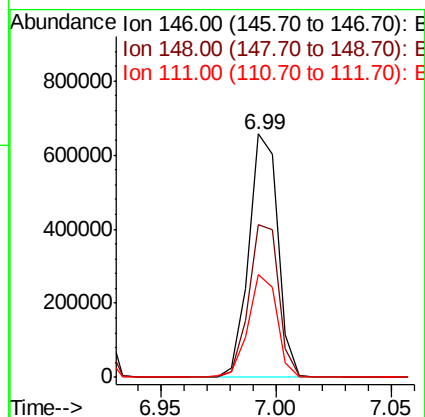
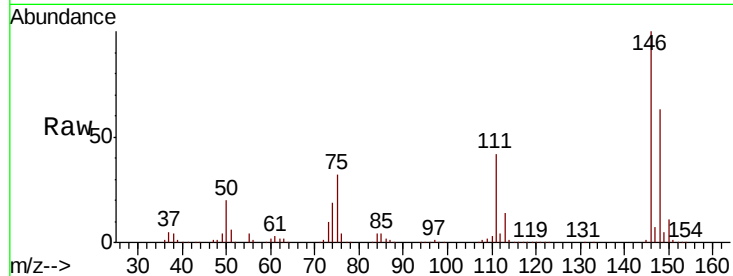
#13
1,4-Dichlorobenzene
Concen: 30.700 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.3	75.5
111	42.3	32.7	49.1

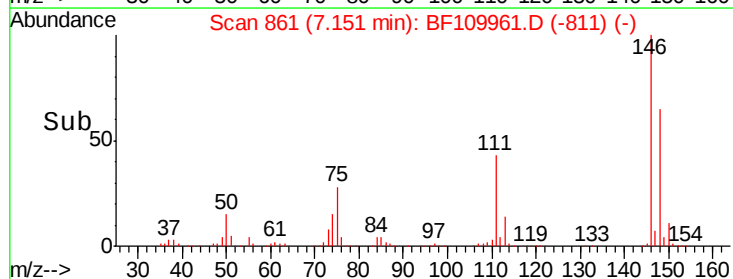
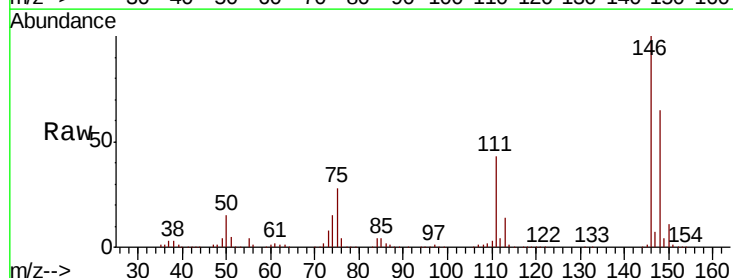
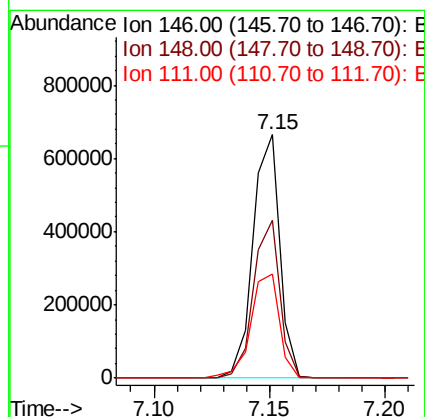
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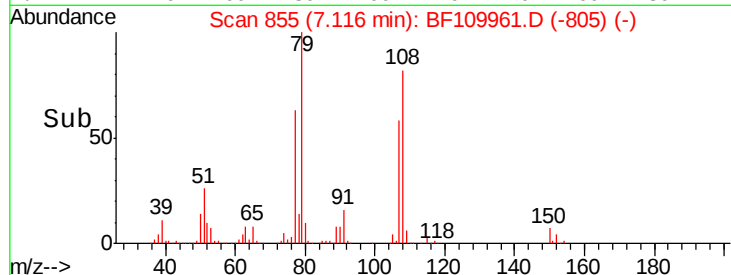
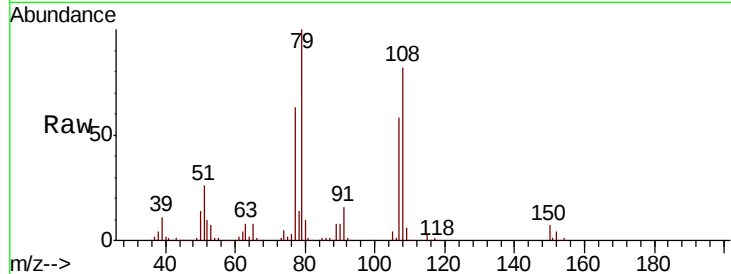
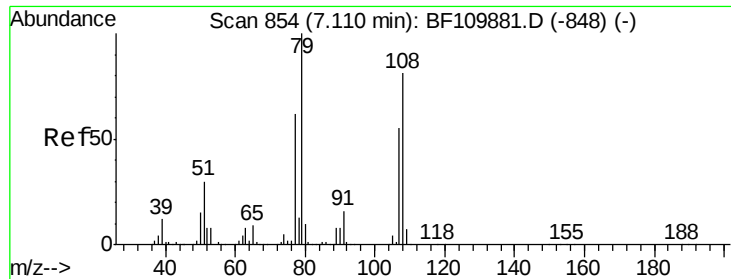
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#14
1,2-Dichlorobenzene
Concen: 31.139 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	42.8	35.8	53.6





#15

Benzyl Alcohol

Concen: 32.432 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Tot Ion:	79	Resp:	472772
Ion Ratio	Lower	Upper	
79	100		
108	82.2	56.3	84.5
77	62.9	52.9	79.3

Instrument :

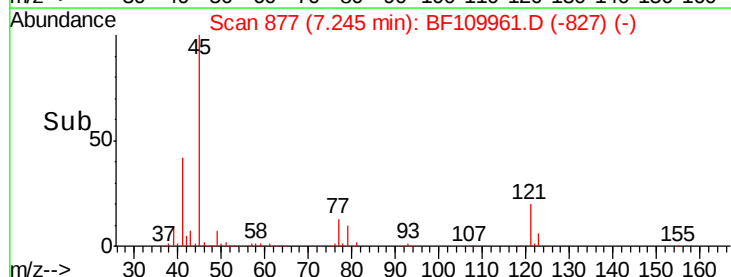
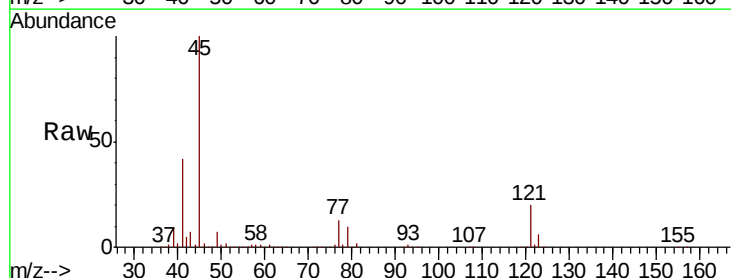
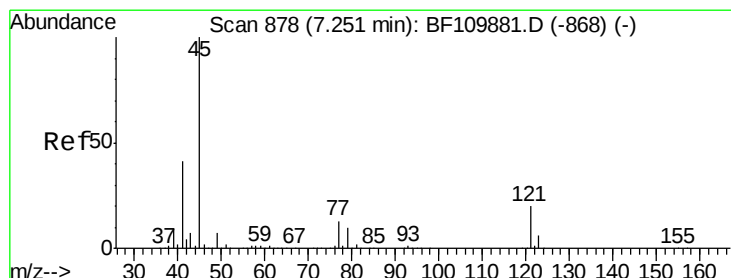
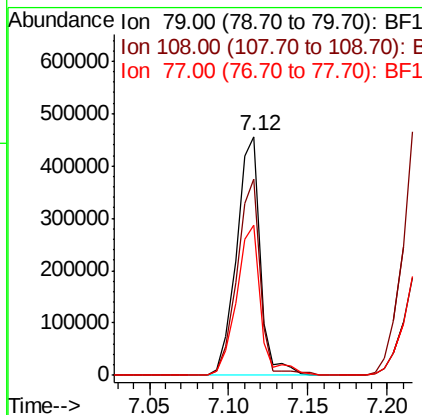
BNA_F

ClientSampleId :

SSSI-1015-S-DH-27MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.847 ng

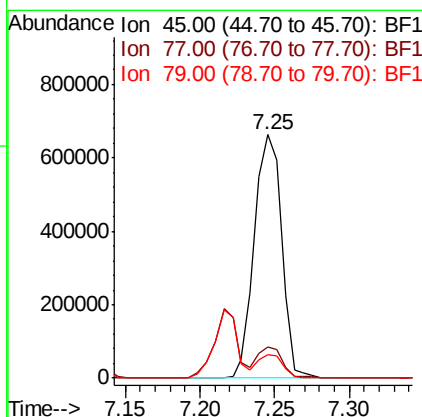
RT: 7.25 min Scan# 877

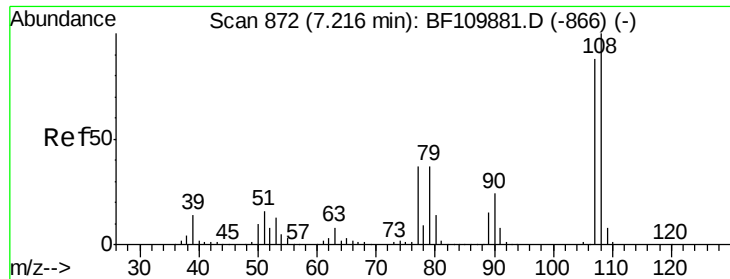
Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Tgt Ion:	45	Resp:	837960
Ion Ratio	Lower	Upper	
45	100		
77	12.8	10.0	50.0
79	9.7	6.1	46.1





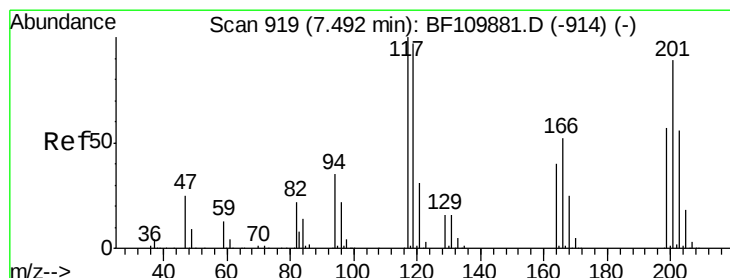
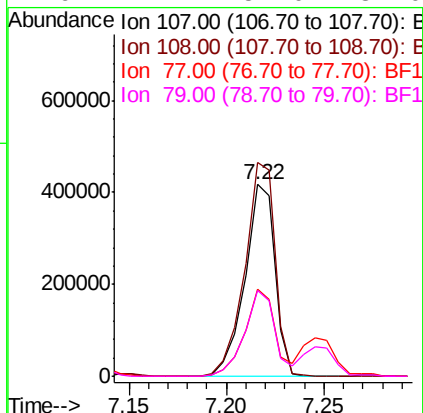
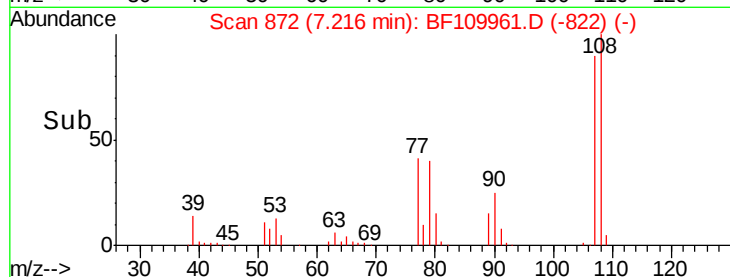
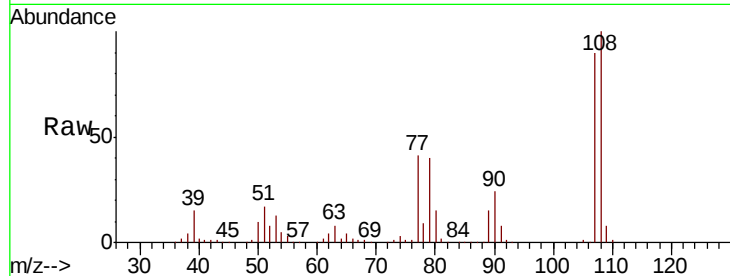
#17
2-Methylphenol
Concen: 32.379 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	92.6	138.8	
77	45.3	59.4	89.2#	
79	44.7	54.0	81.0#	

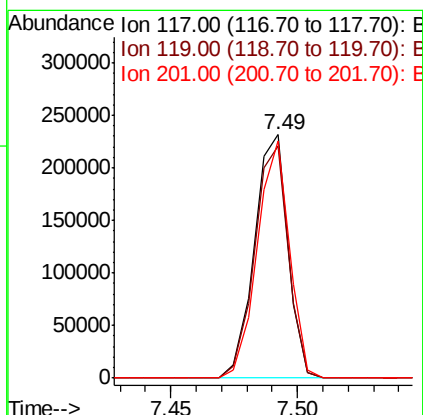
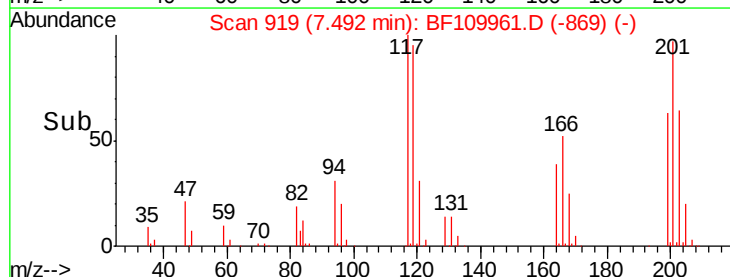
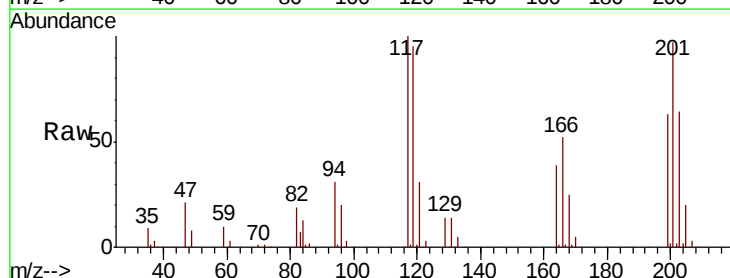
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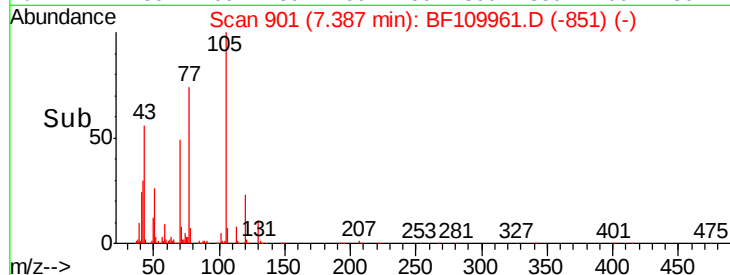
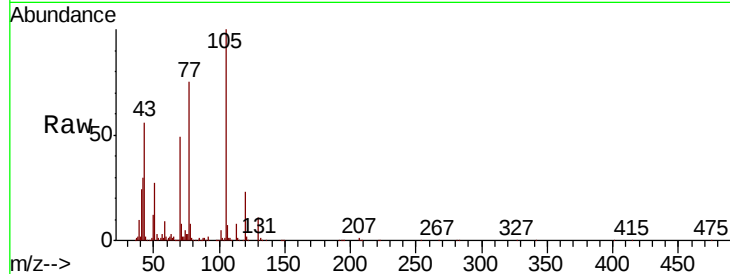
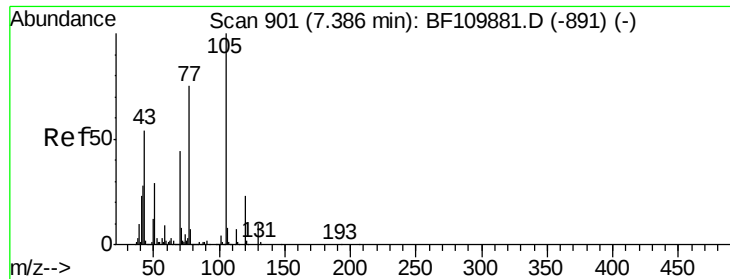
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#18
Hexachloroethane
Concen: 32.122 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	75.0	112.6	
201	97.3	79.2	118.8	





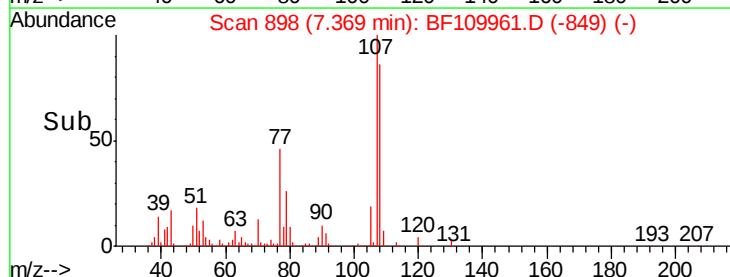
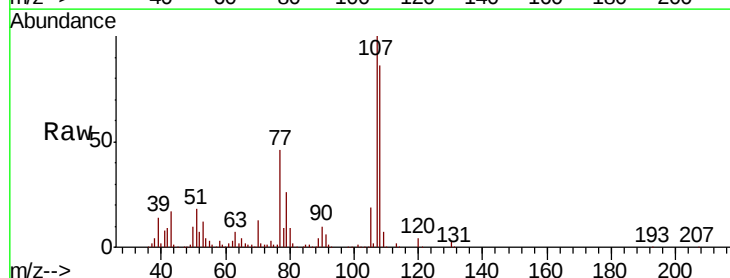
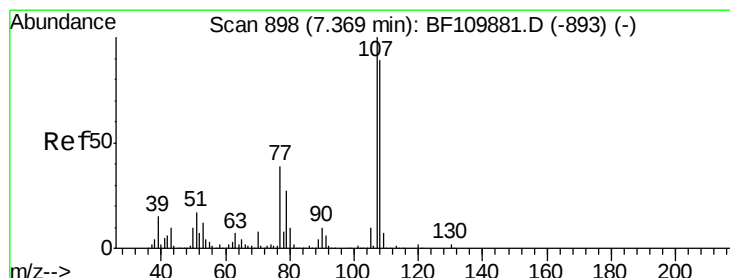
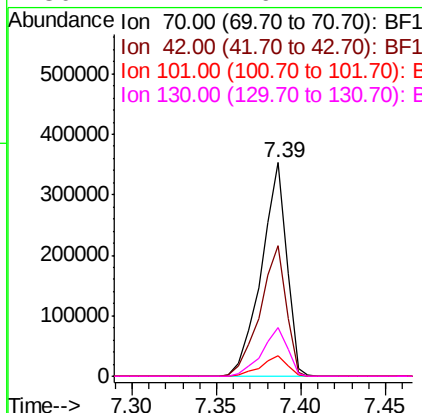
#19
n-Nitroso-di-n-propylamine
Concen: 30.169 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	70	Resp	367036
Ion Ratio	Lower	Upper	
70	100		
42	61.0	47.4	71.2
101	9.4	7.3	10.9
130	22.7	16.2	24.2

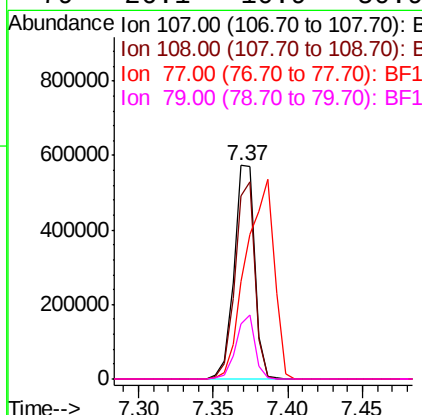
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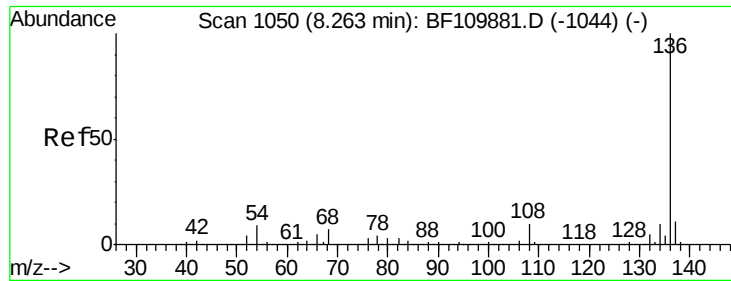
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#20
3+4-Methylphenols
Concen: 32.104 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	107	Resp	561520
Ion Ratio	Lower	Upper	
107	100		
108	85.8	71.4	111.4
77	45.7	47.3	87.3#
79	26.1	10.9	50.9





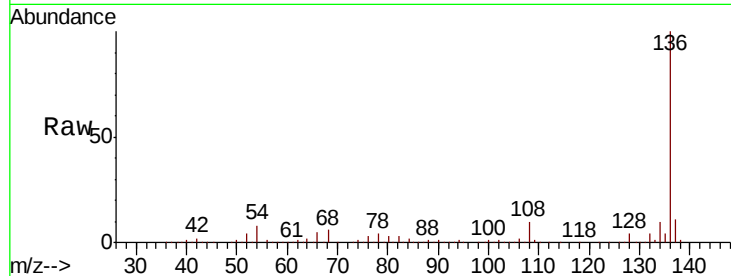
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		927261		
137	11.1	8.8	13.2		
54	8.1	5.4	8.2		
68	5.9	4.2	6.2		

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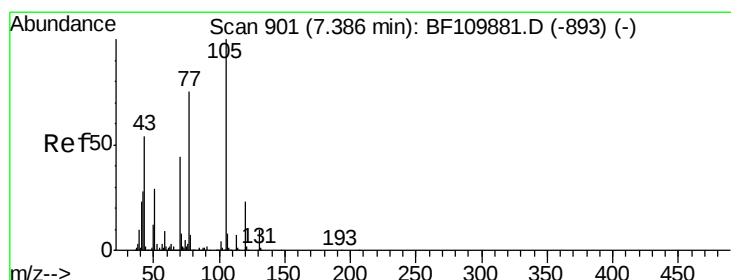
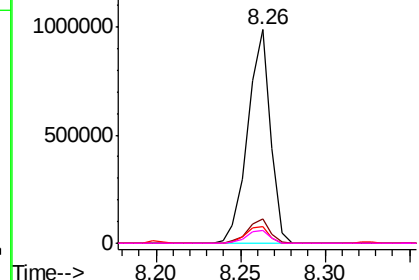
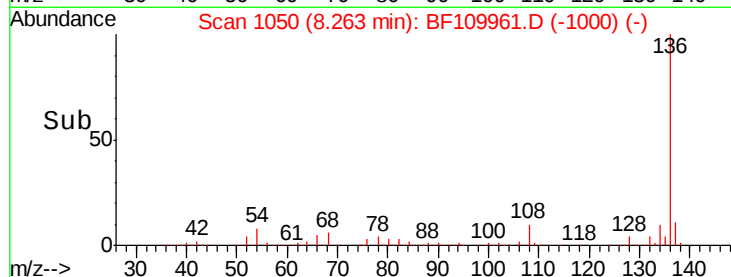
Abundance

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: 33.848 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		727872		
71	8.1	5.2	7.8#		
51	27.0	21.8	32.8		
120	22.6	17.0	25.4		

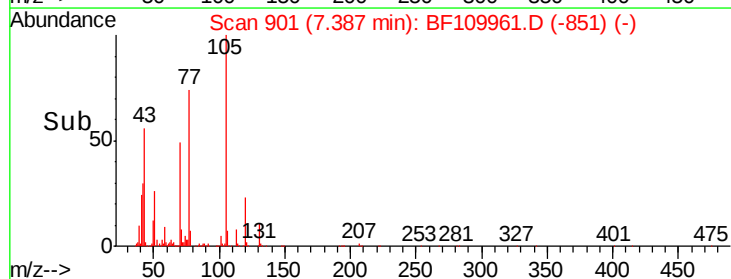
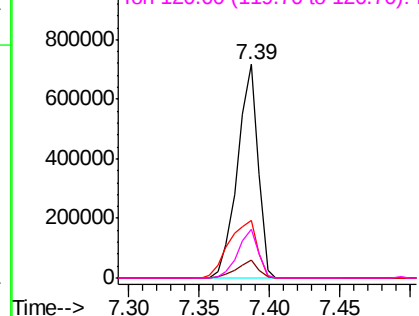
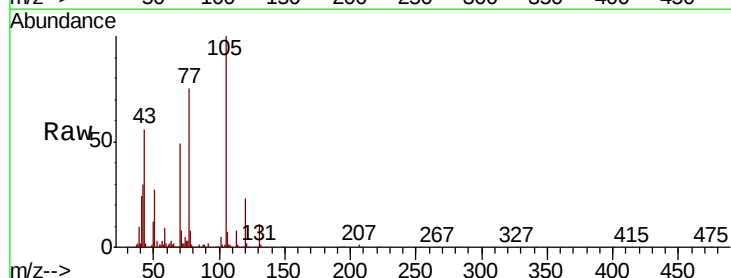
Abundance

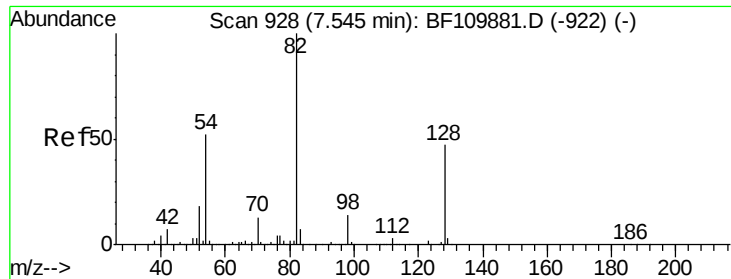
Ion 105.00 (104.70 to 105.70): E

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





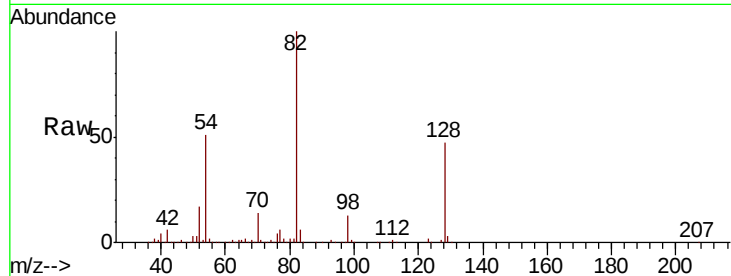
#23
Nitrobenzene-d5
Concen: 89.564 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

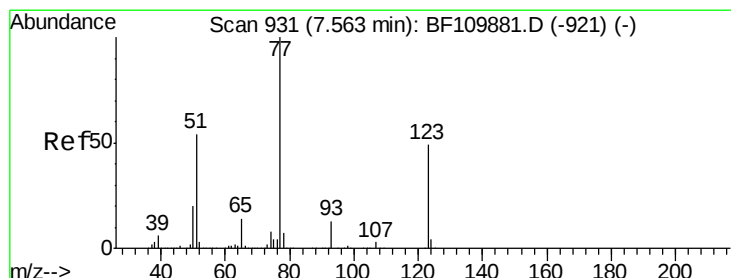
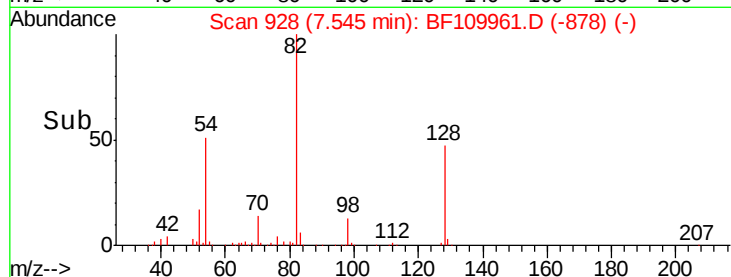
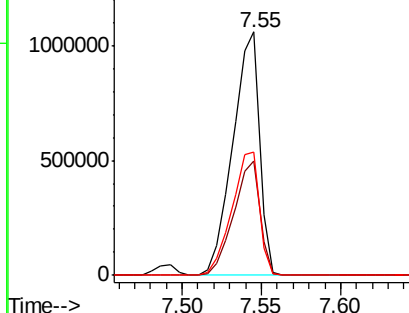
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.2	51.2
54	50.6	38.6	58.0

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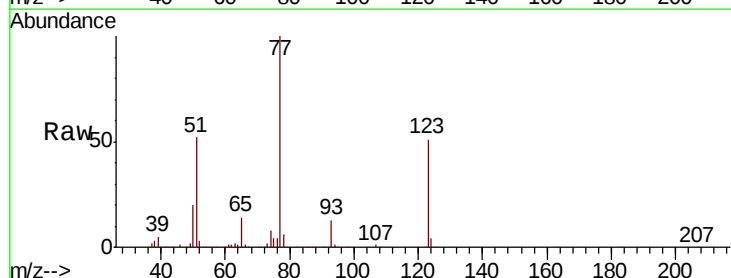


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

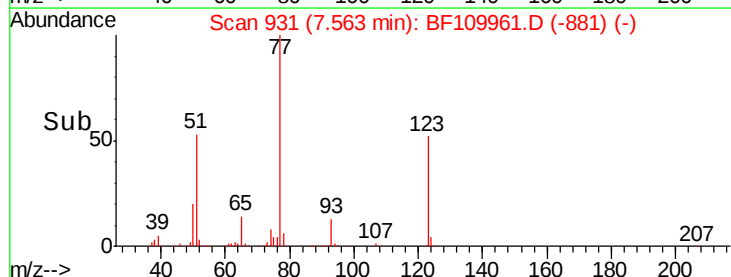
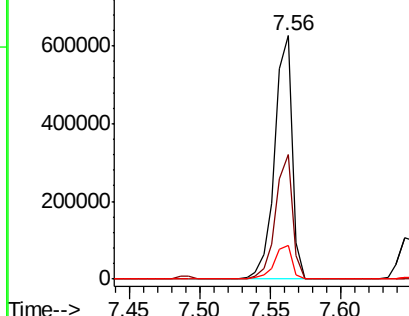


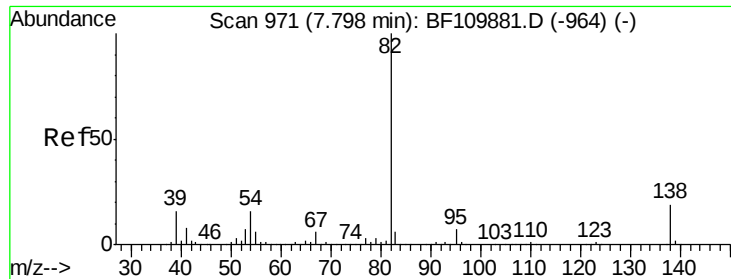
#24
Nitrobenzene
Concen: 36.592 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.3	35.7	53.5
65	13.8	10.7	16.1



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: 37.626 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion: 82 Resp: 1017663

Ion Ratio Lower Upper

82 100

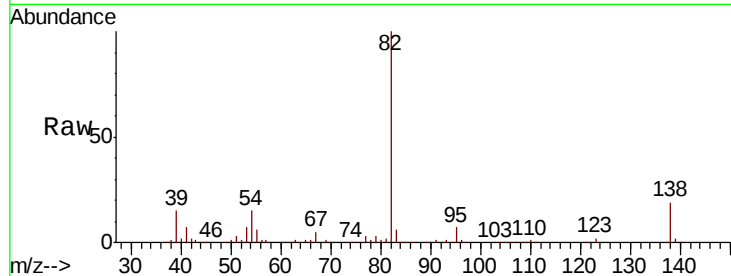
95 7.3 5.7 8.5

138 19.4 13.2 19.8

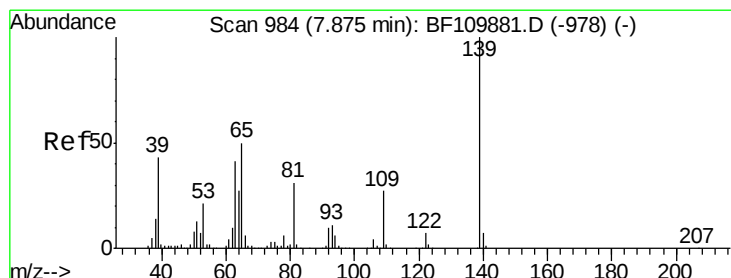
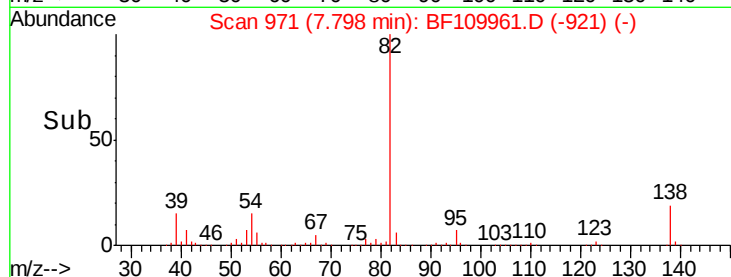
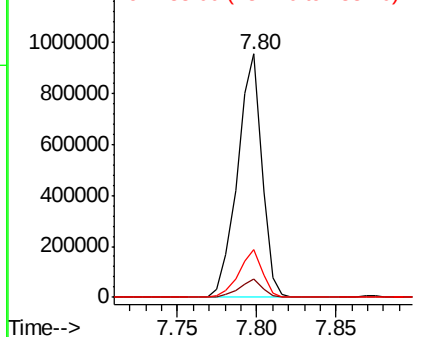
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.470 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

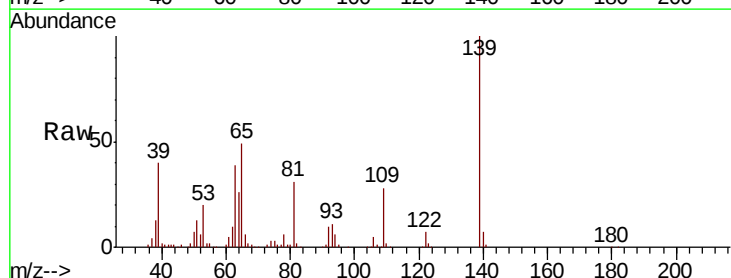
Tgt Ion: 139 Resp: 275716

Ion Ratio Lower Upper

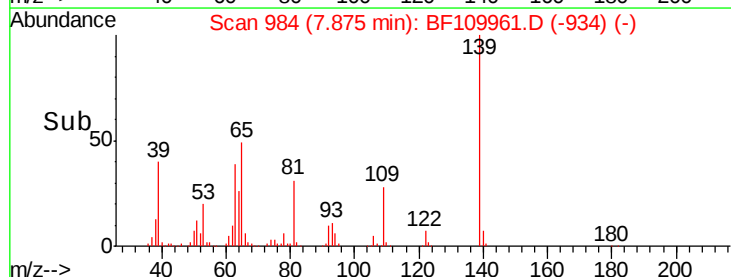
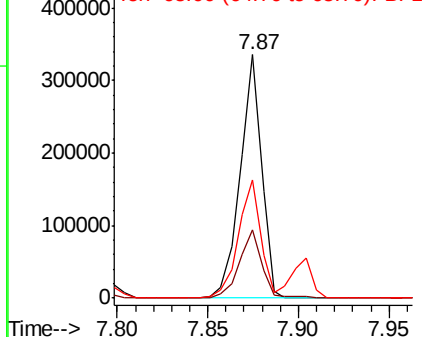
139 100

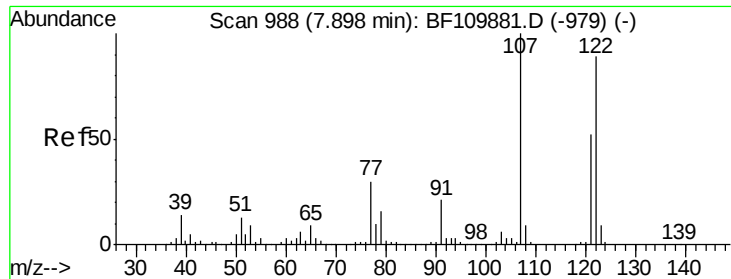
109 28.1 25.0 37.6

65 48.7 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 38.222 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

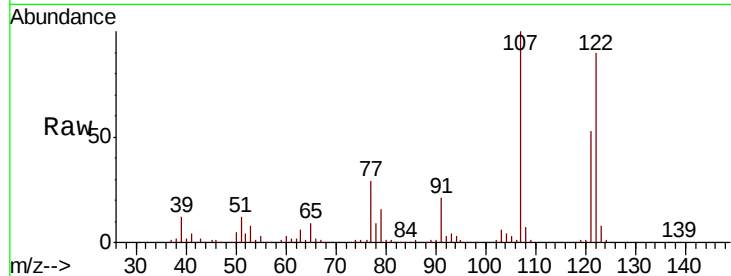
ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
497946	122	100			
	107	111.6	92.5	138.7	
	121	59.2	45.8	68.8	

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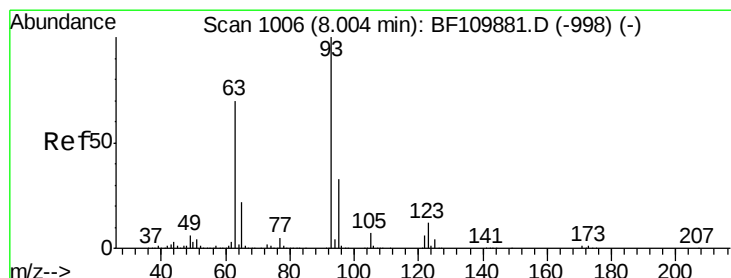
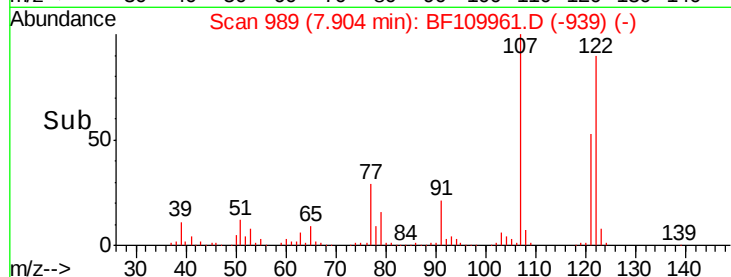
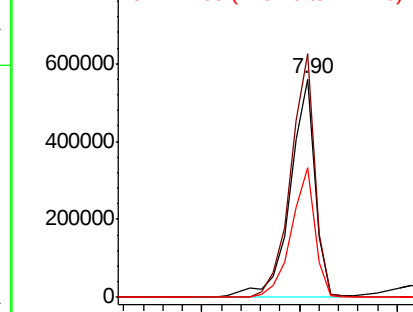


Abundance

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: 35.257 ng

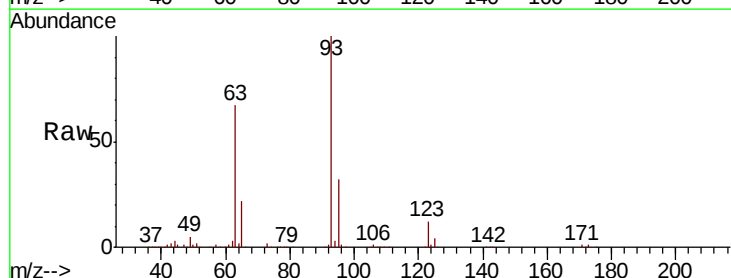
RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
654436	93	100			
	95	32.4	26.4	39.6	
	123	12.1	9.0	13.6	

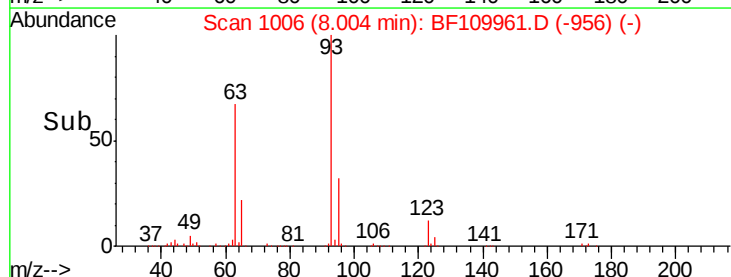
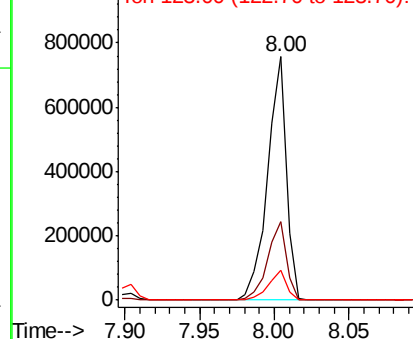


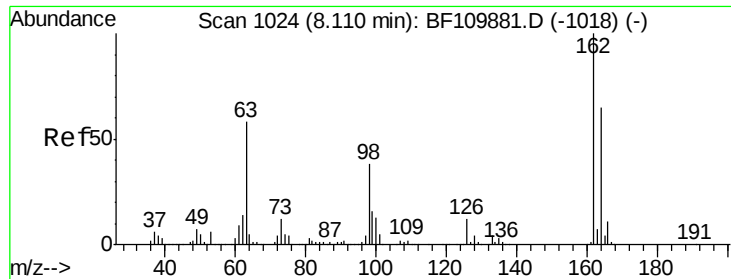
Abundance

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





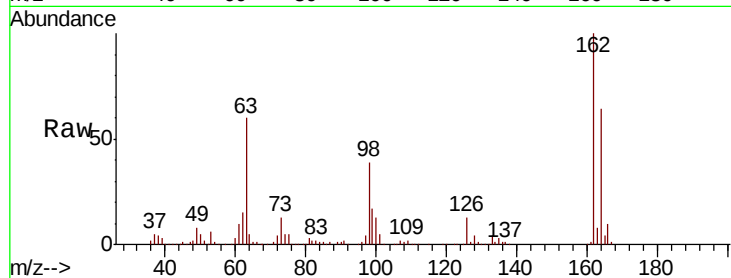
#29
2,4-Dichlorophenol
Concen: 35.287 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	445951		
164	63.9	44.6	84.6	
98	39.4	17.4	57.4	

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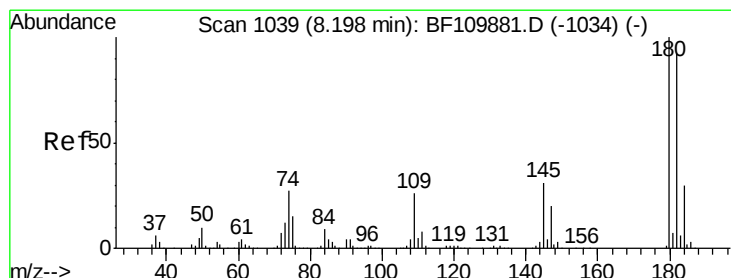
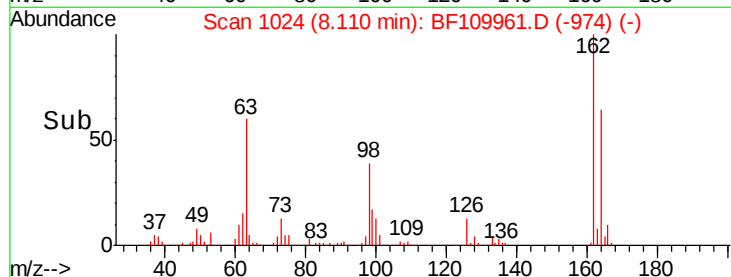
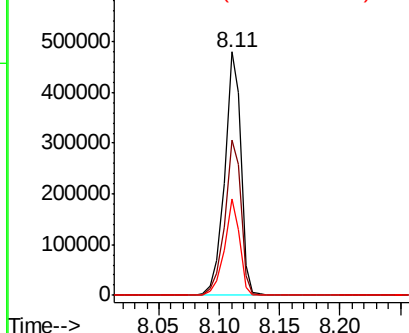


Abundance

Ion 162.00 (161.70 to 162.70): E

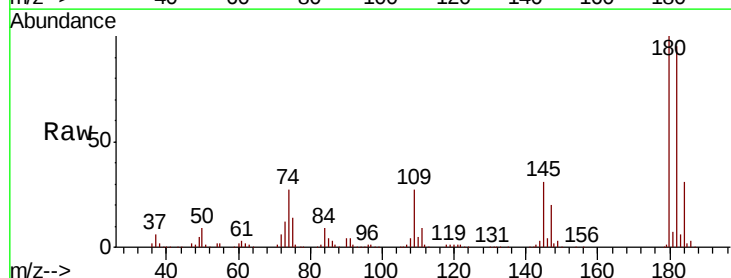
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 33.725 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	477218		
182	94.6	80.3	120.5	
145	31.4	25.4	38.0	

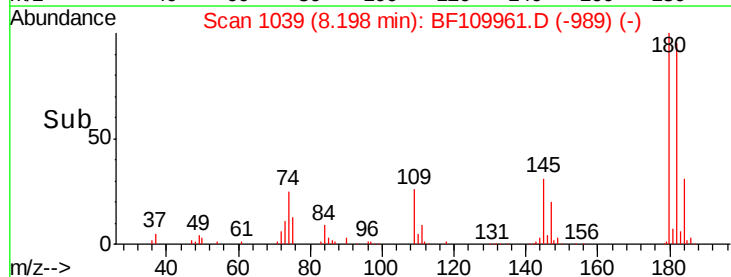
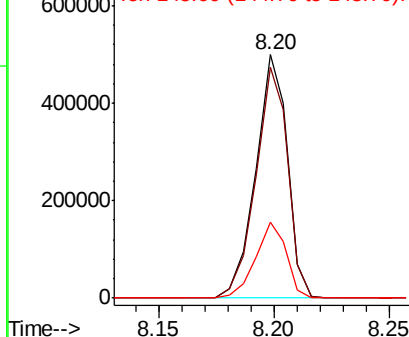


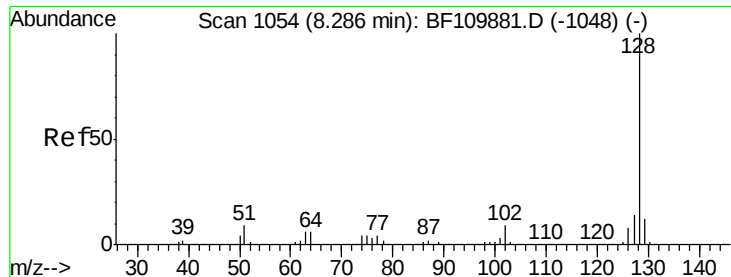
Abundance

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: 35.804 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion:128 Resp: 1522404

Ion Ratio Lower Upper

128 100

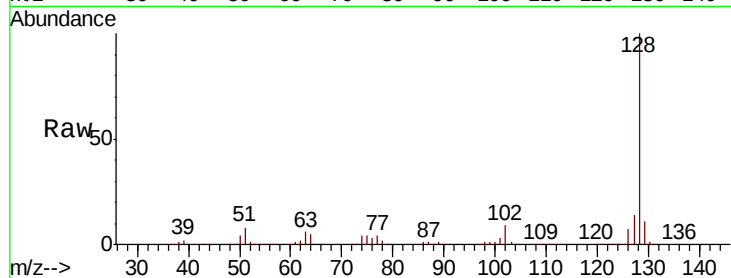
129 11.3 8.8 13.2

127 13.8 10.8 16.2

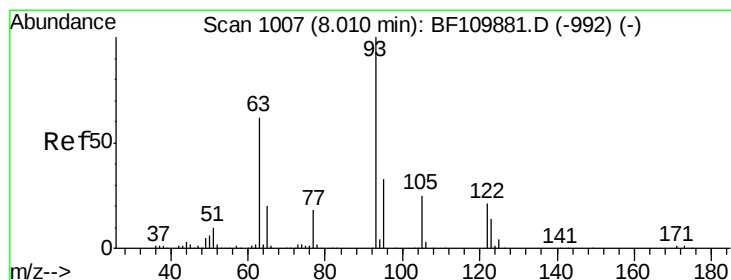
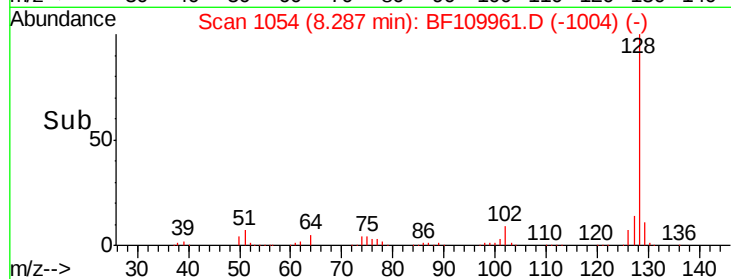
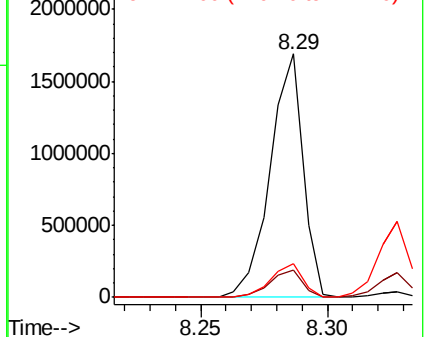
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.287 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.05 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

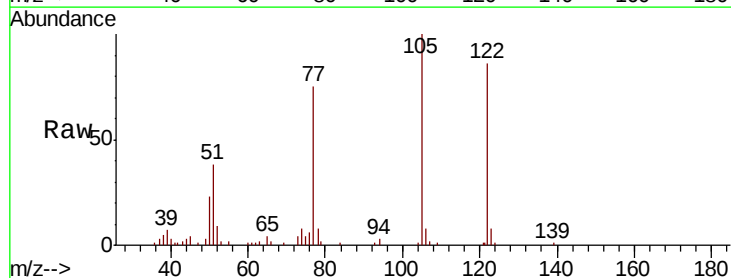
Tgt Ion:122 Resp: 42911

Ion Ratio Lower Upper

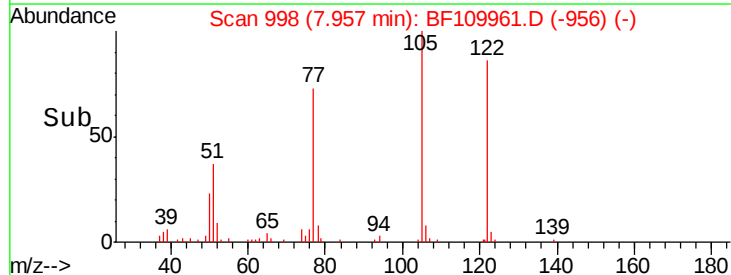
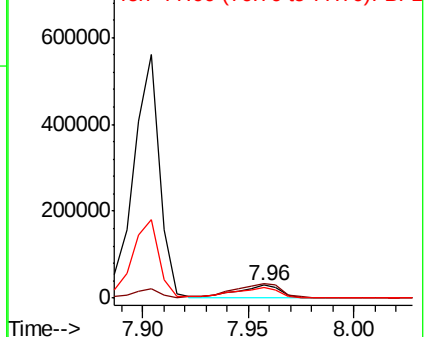
122 100

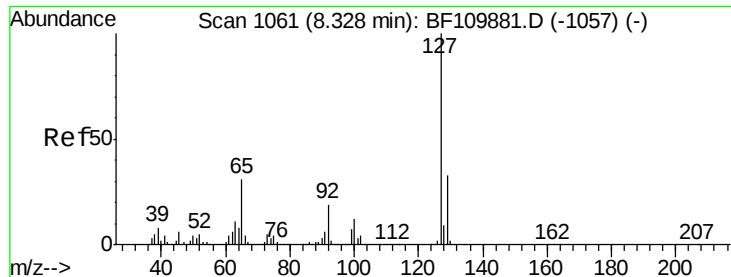
105 116.9 109.0 149.0

77 87.2 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





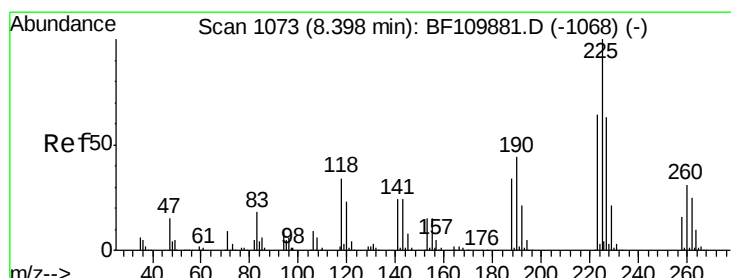
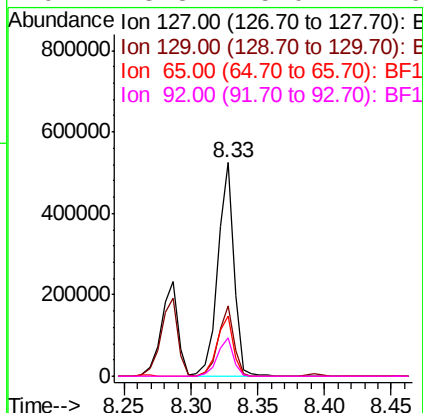
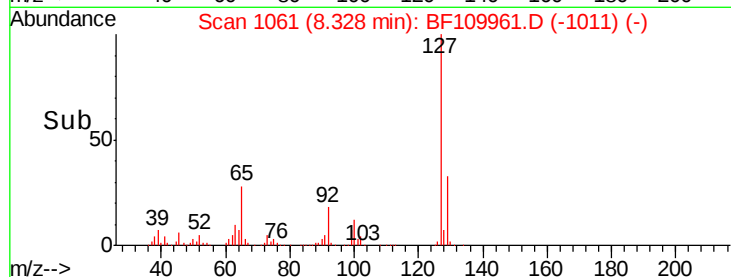
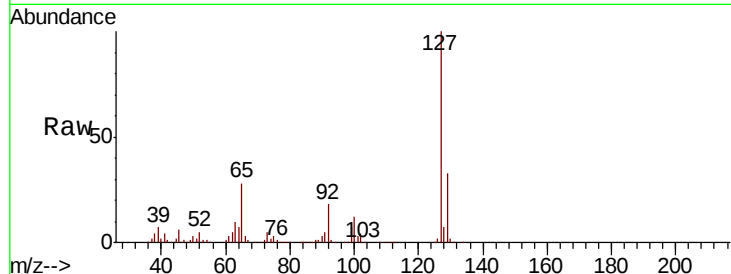
#33
4-Chloroaniline
Concen: 23.384 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		446971		
129	32.9	26.0	39.0		
65	28.2	25.1	37.7		
92	18.3	15.0	22.6		

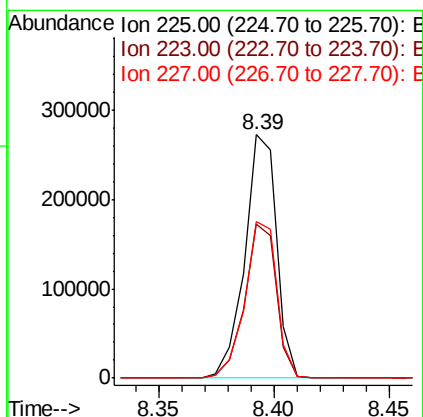
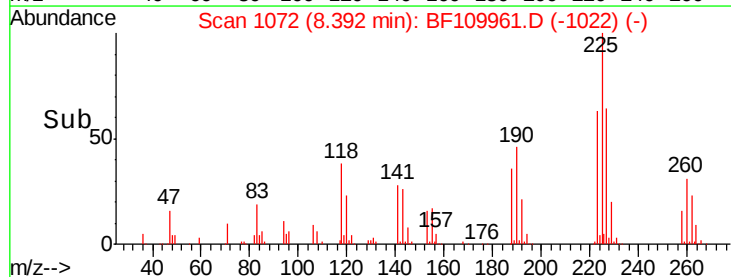
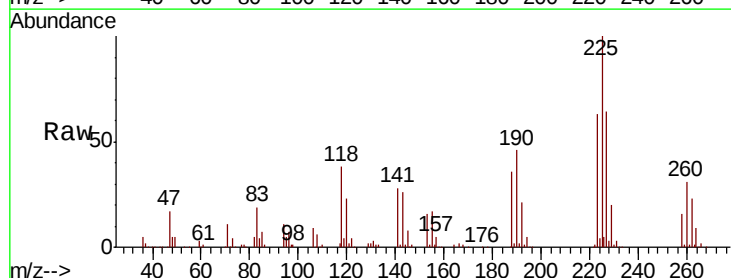
Manual Integrations
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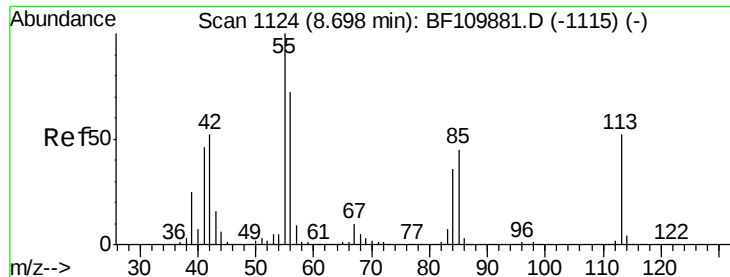
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#34
Hexachlorobutadiene
Concen: 33.701 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		262965		
223	63.3	51.4	77.2		
227	64.5	51.0	76.6		





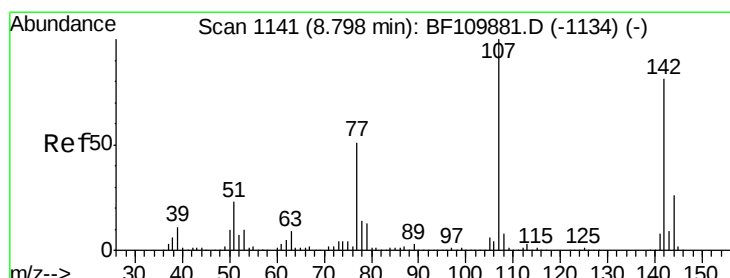
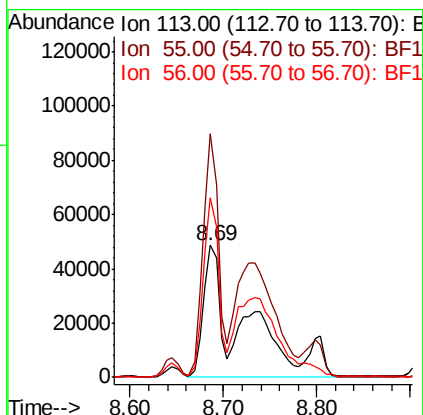
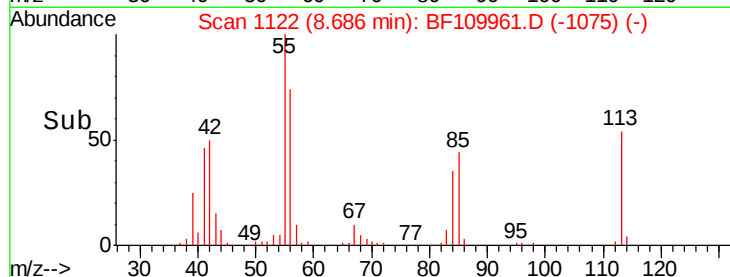
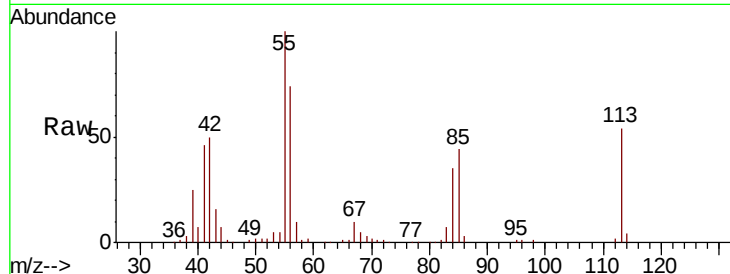
#35
Caprolactam
Concen: 32.112 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	184.4	142.8	182.8#	
56	135.7	105.0	145.0	

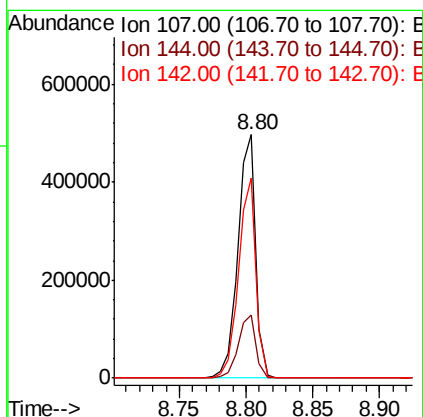
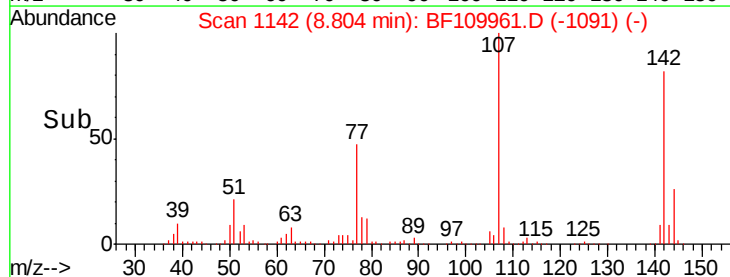
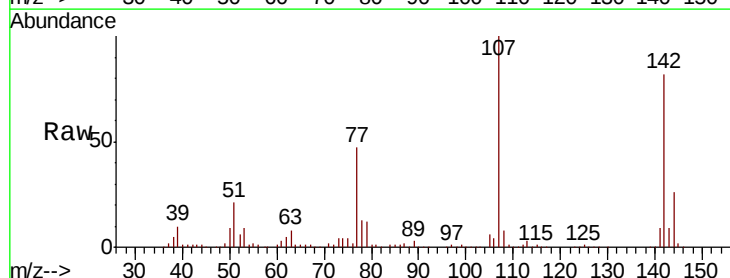
Manual Integrations
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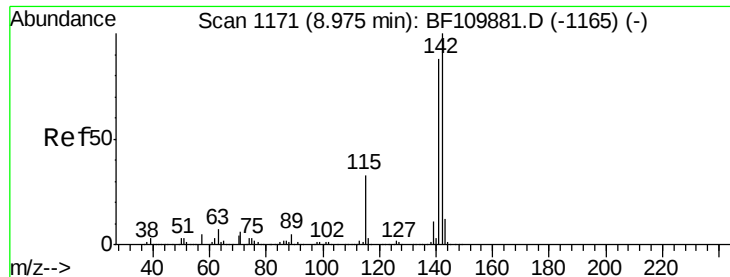
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#36
4-Chloro-3-methylphenol
Concen: 34.818 ng/ml
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.1	20.0	30.0	
142	82.0	59.7	89.5	





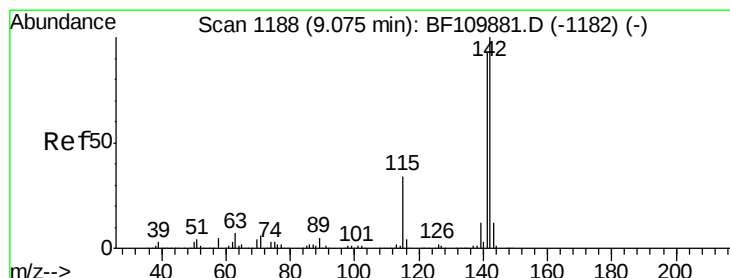
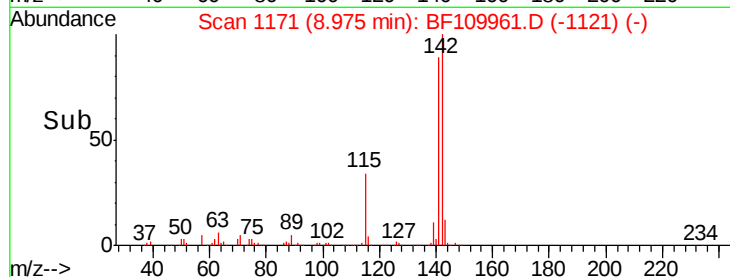
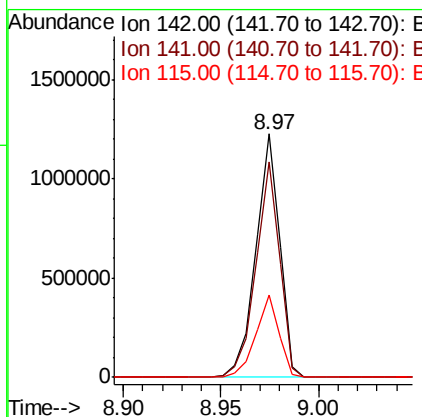
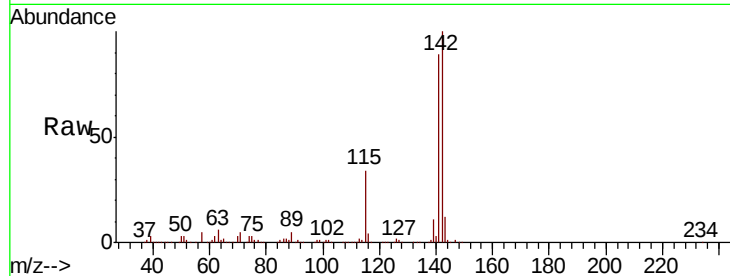
#37
2-Methylnaphthalene
Concen: 37.853 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.2
115	33.9	28.7	43.1

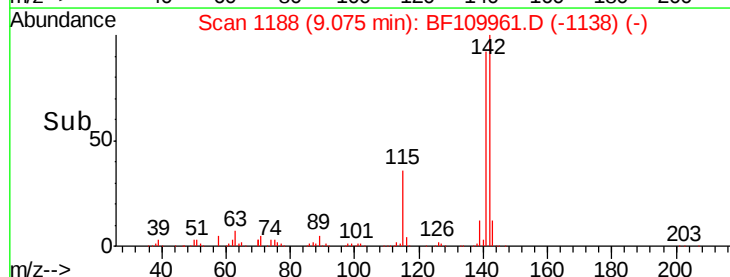
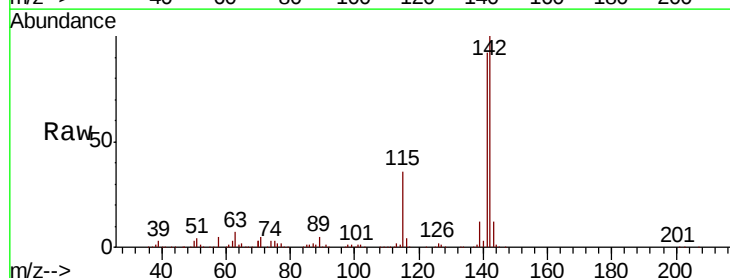
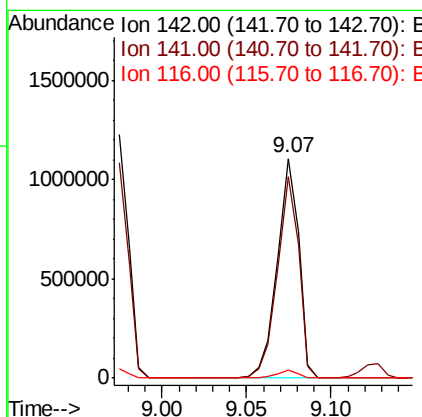
Manual Integrations
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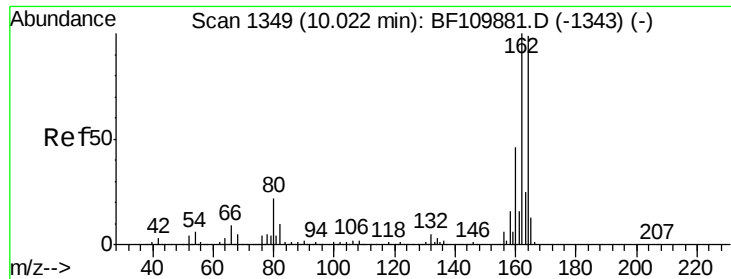
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#38
1-Methylnaphthalene
Concen: 36.748 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	3.6	2.6	4.0





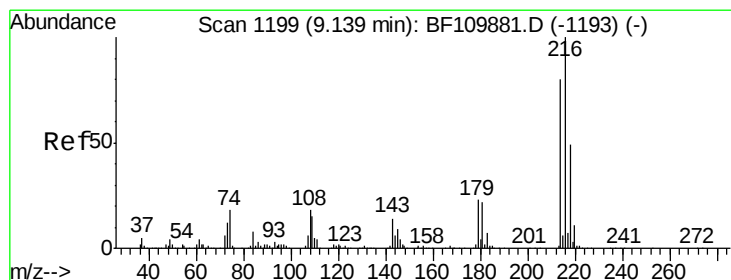
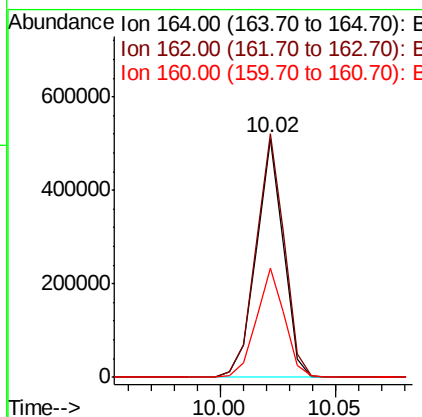
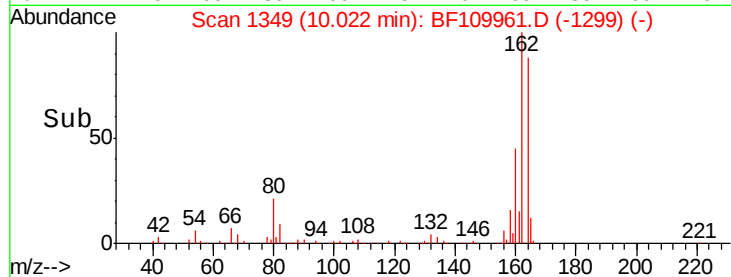
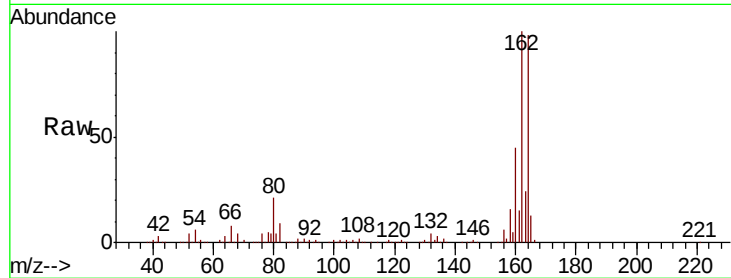
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.6
160	46.0	37.0	55.6

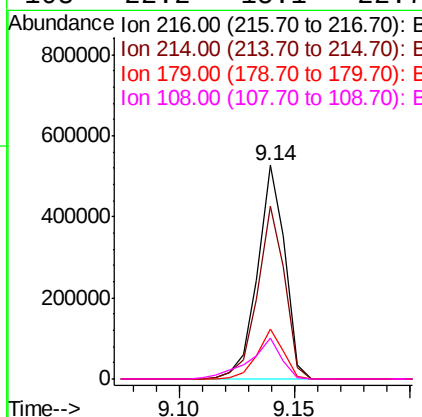
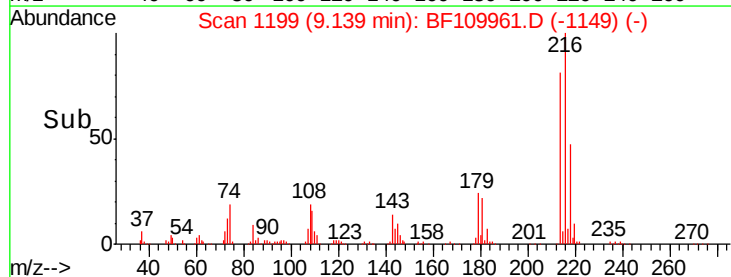
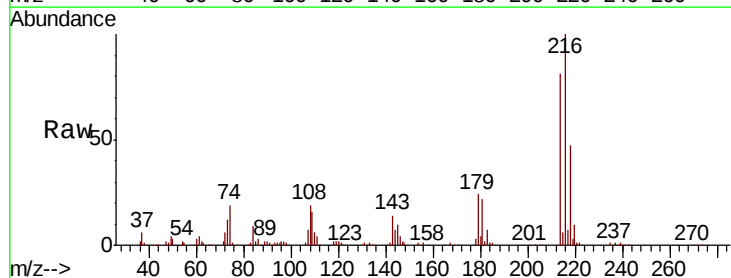
Manual Integrations
APPROVED

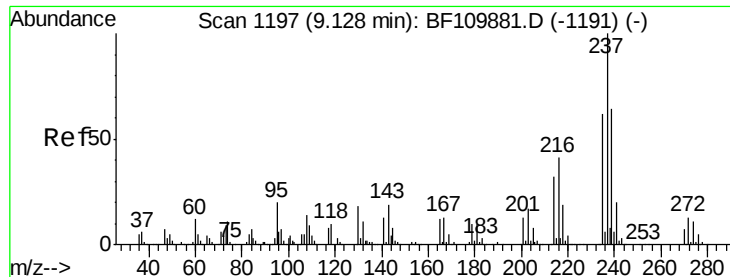
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.705 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.6
179	22.5	16.6	25.0
108	22.2	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 82.912 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

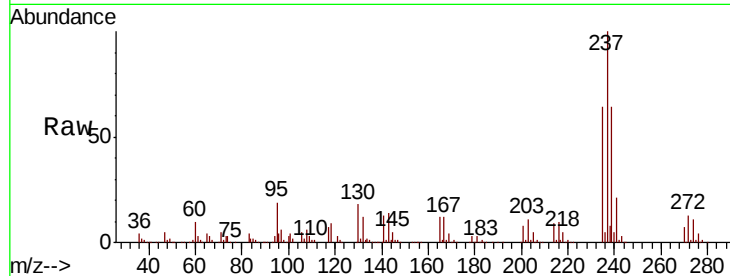
ClientSampleId :

SSSI-1015-S-DH-27MS

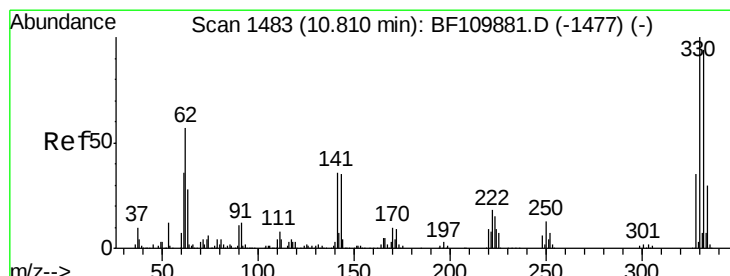
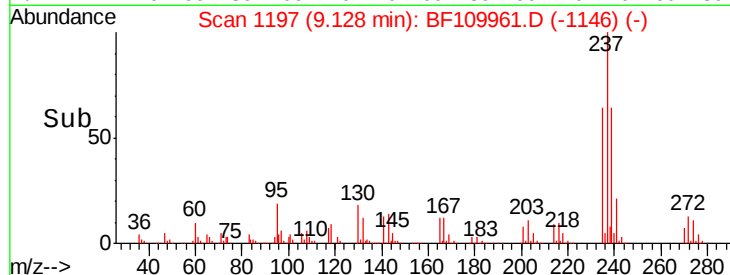
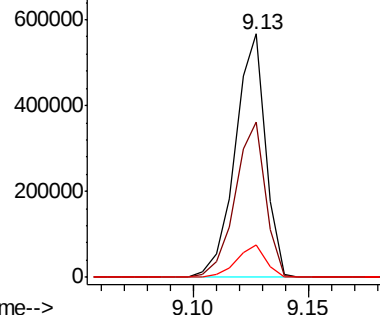
Tot Ion:	237	Resp:	519422
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.1	83.1
272	13.4	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 120.313 ng

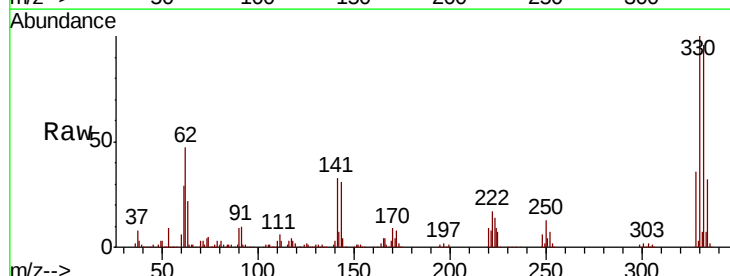
RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

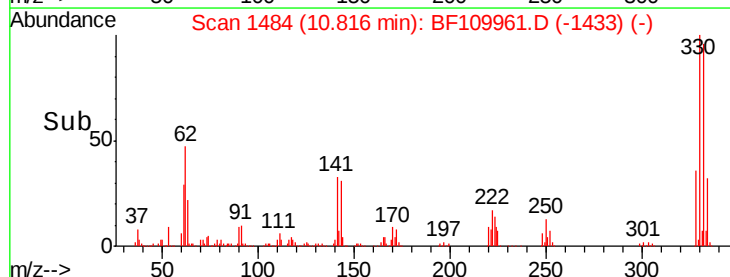
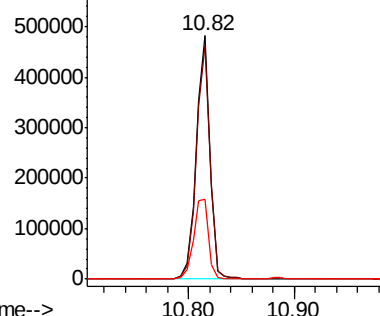
Lab File: BF109961.D

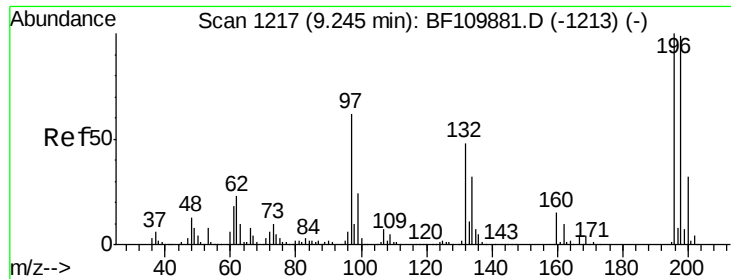
Acq: 18 Oct 2018 15:11

Tgt Ion:	330	Resp:	438951
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.1	115.7
141	36.3	27.0	40.4



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





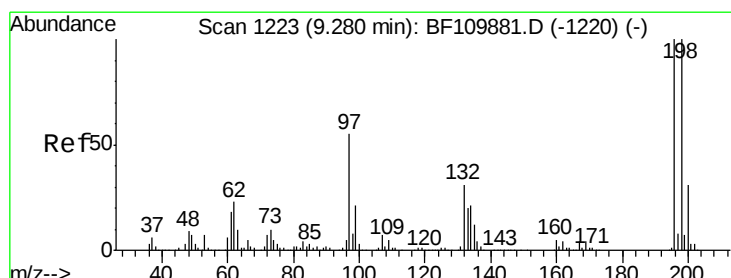
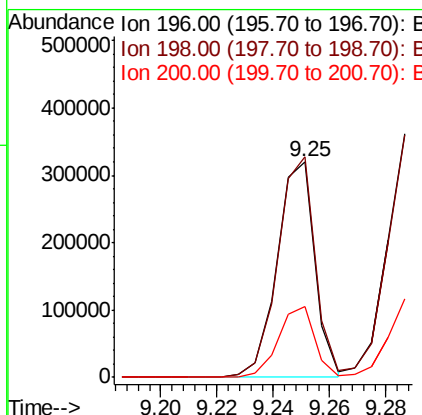
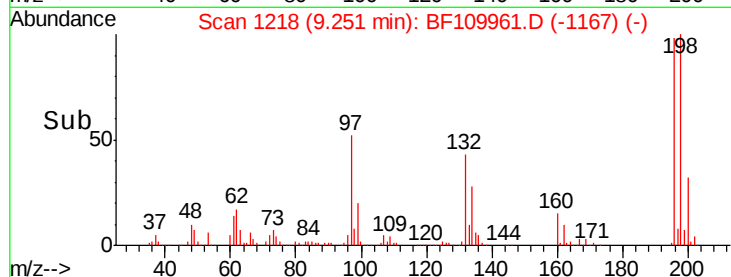
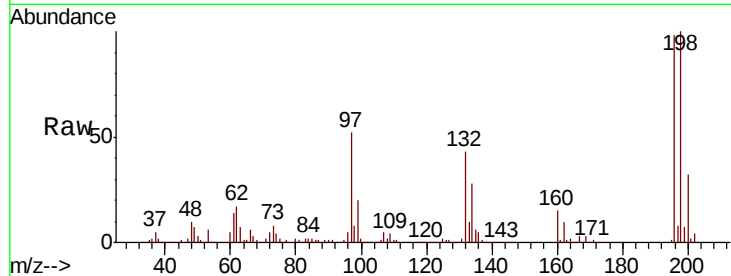
#43
 2,4,6-Trichlorophenol
 Concen: 36.674 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF109961.D
 Acq: 18 Oct 2018 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	297651		
198	102.4	76.2	114.4	
200	32.7	24.4	36.6	

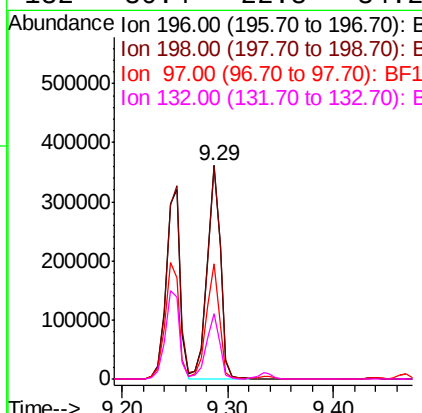
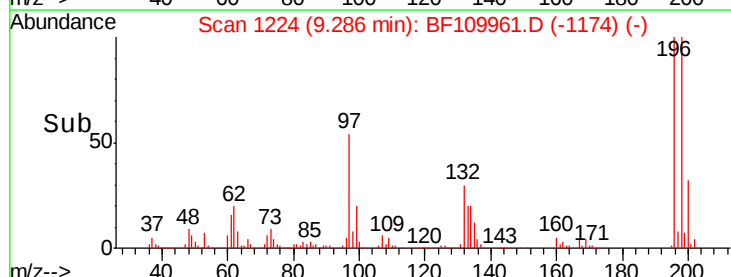
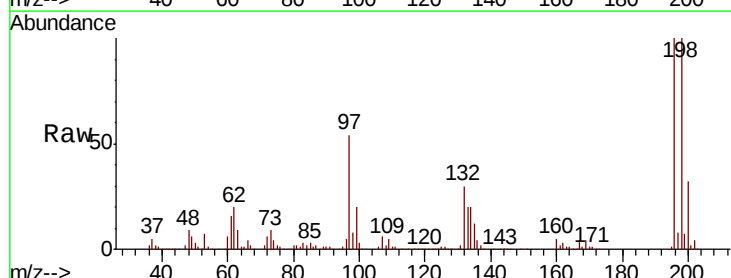
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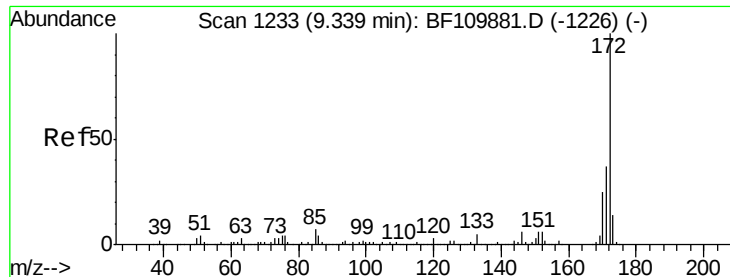
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#44
 2,4,5-Trichlorophenol
 Concen: 37.924 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109961.D
 Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	319448		
198	99.6	75.8	113.6	
97	53.9	42.4	63.6	
132	30.4	22.8	34.2	





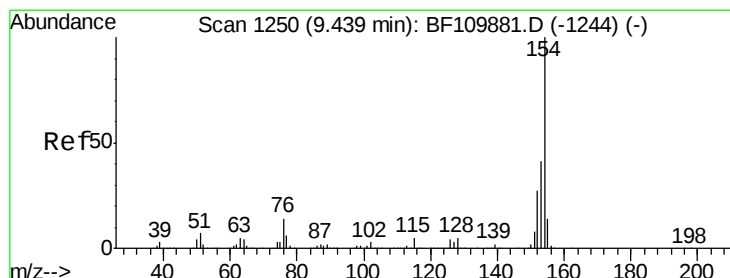
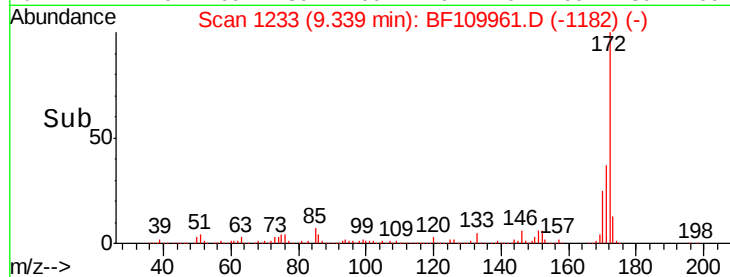
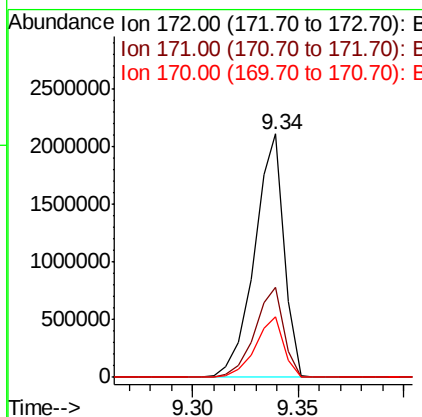
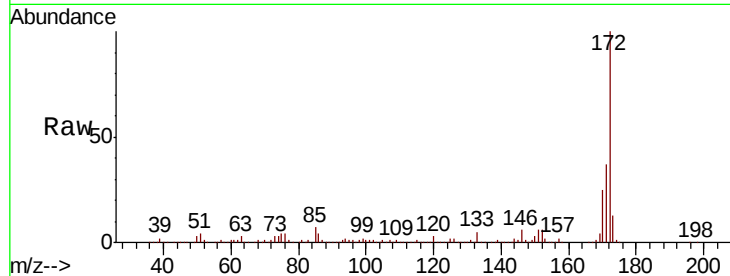
#45
2-Fluorobiphenyl
Concen: 77.357 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion:172 Resp: 2042950
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.7 19.7 29.5

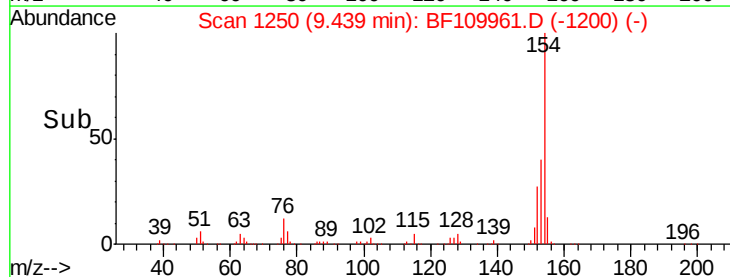
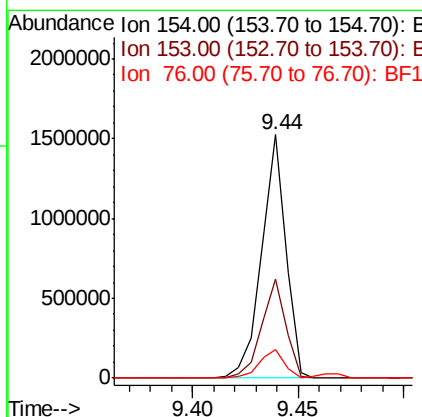
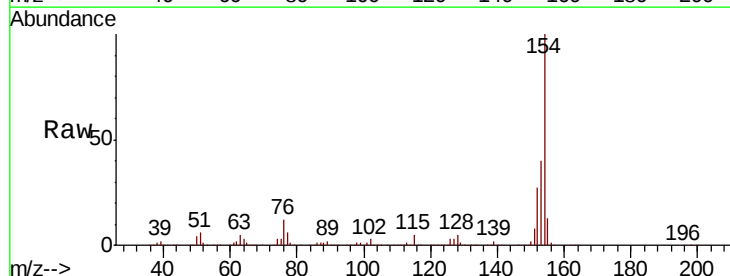
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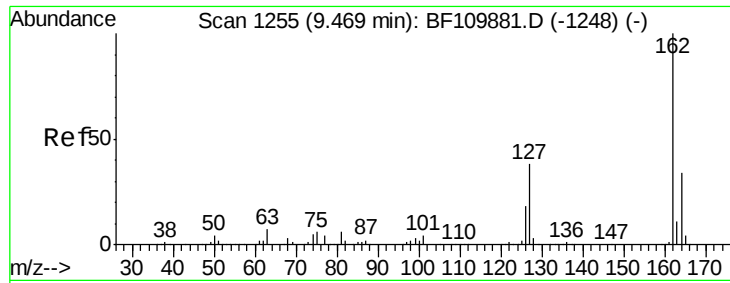
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#46
1,1'-Biphenyl
Concen: 32.653 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion:154 Resp: 1225957
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 12.0 0.0 31.9





#47

2-Chloronaphthalene

Concen: 34.026 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

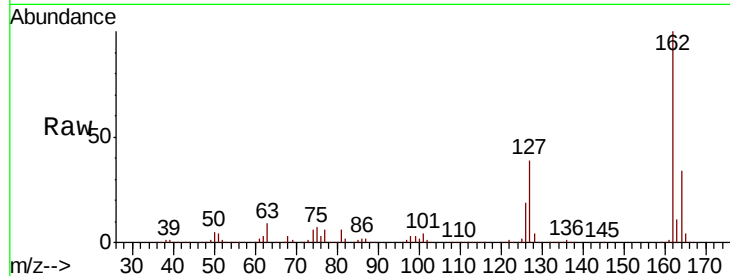
ClientSampleId :

SSSI-1015-S-DH-27MS

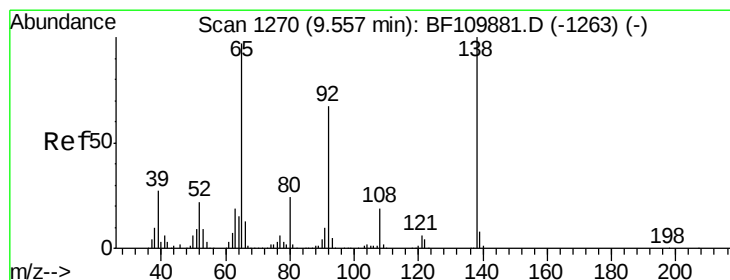
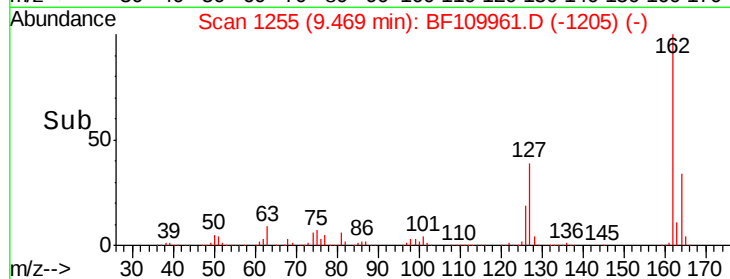
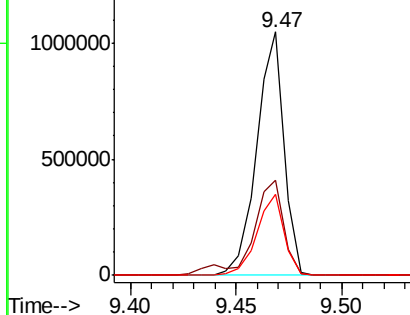
Tot Ion:	162	Resp:	941006
Ion Ratio	Lower	Upper	
162	100		
127	39.2	32.6	48.8
164	33.5	25.9	38.9

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.417 ng

RT: 9.56 min Scan# 1270

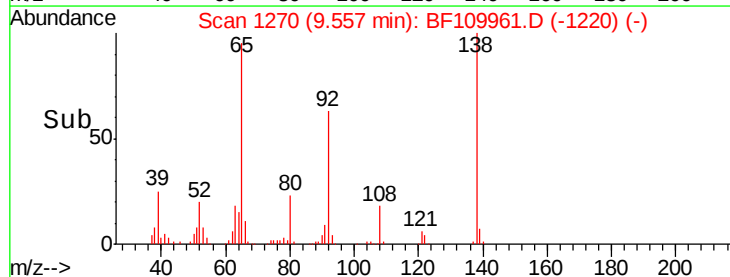
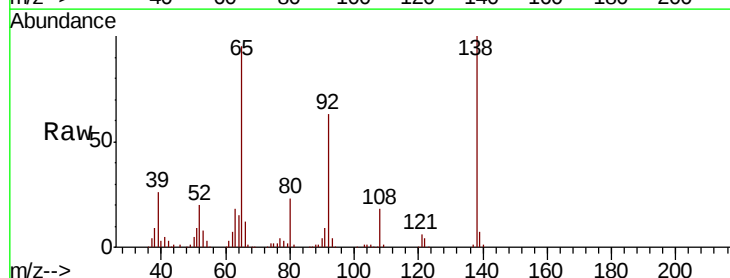
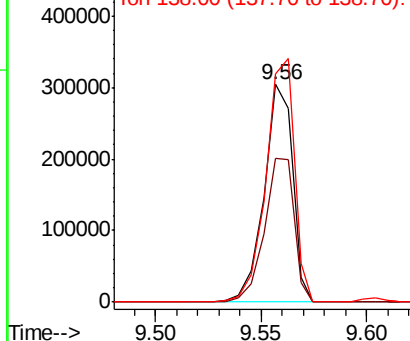
Delta R.T. -0.01 min

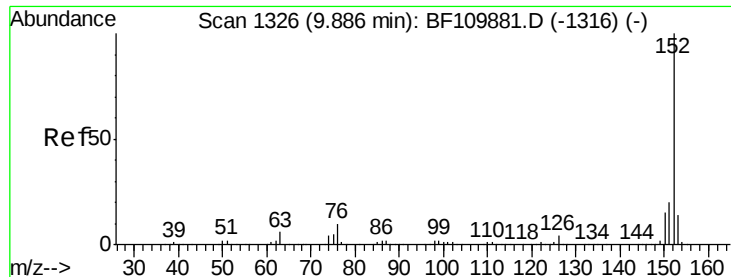
Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Tgt Ion:	65	Resp:	286848
Ion Ratio	Lower	Upper	
65	100		
92	66.0	54.6	81.8
138	105.0	80.3	120.5

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.239 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion:152 Resp: 1455950

Ion Ratio Lower Upper

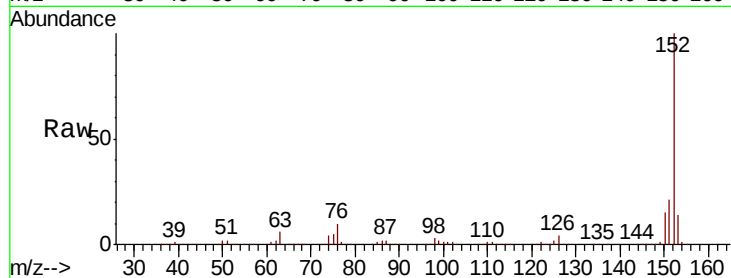
152 100

151 20.8 15.8 23.8

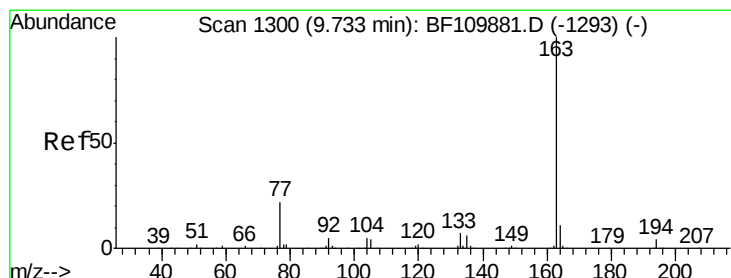
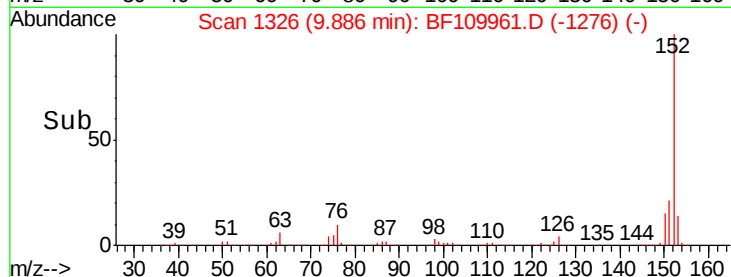
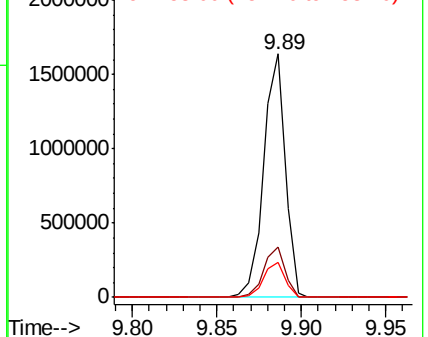
153 14.2 10.4 15.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.209 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

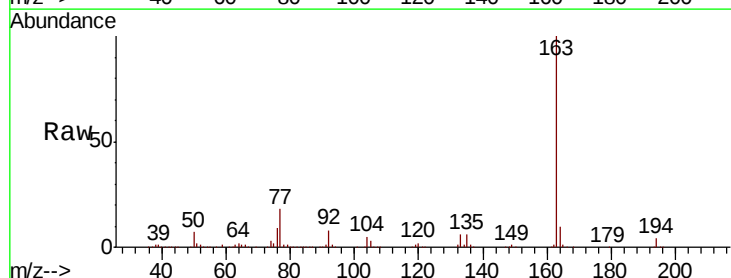
Tgt Ion:163 Resp: 1259497

Ion Ratio Lower Upper

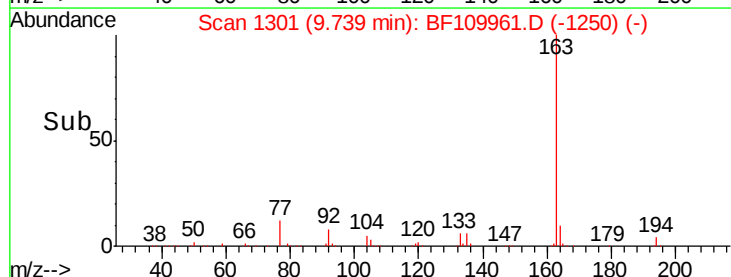
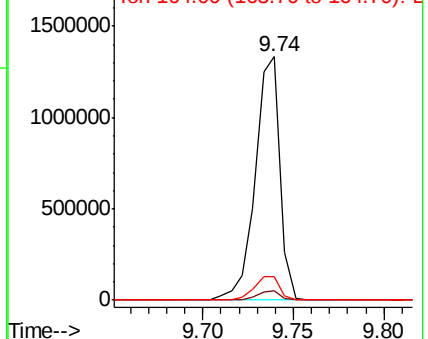
163 100

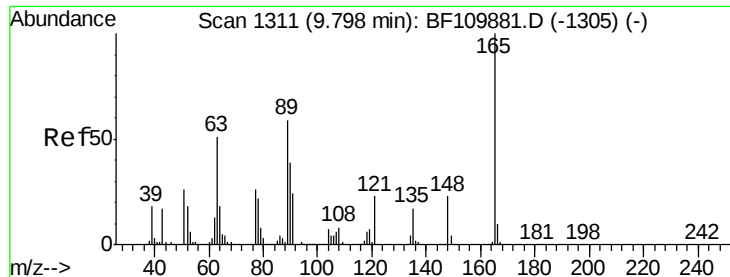
194 3.8 3.2 4.8

164 9.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





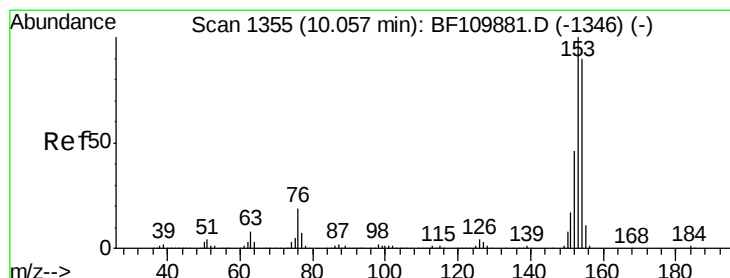
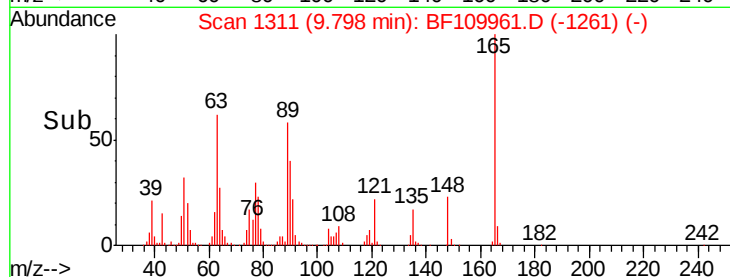
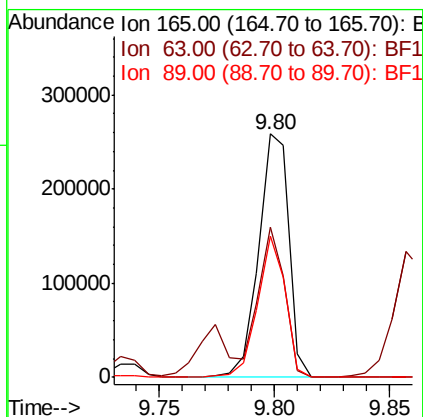
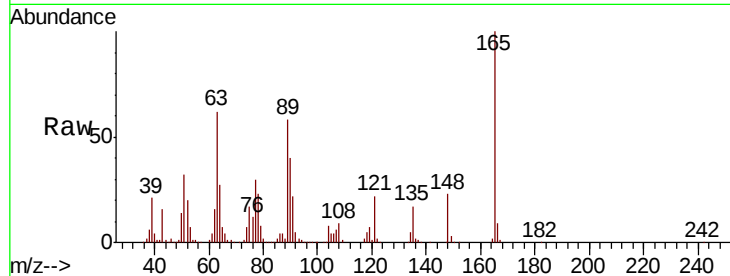
#51
2,6-Dinitrotoluene
Concen: 41.644 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	236019		
63	61.6	48.9	73.3	
89	58.2	46.6	69.8	

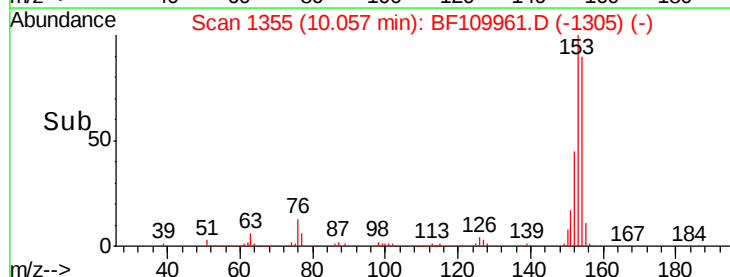
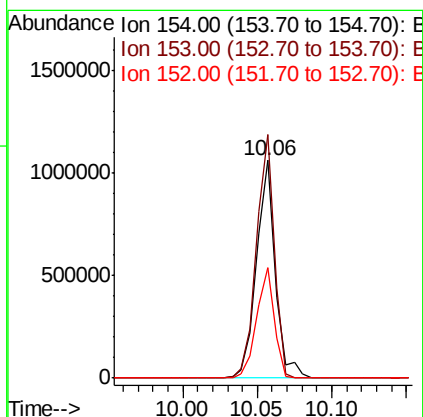
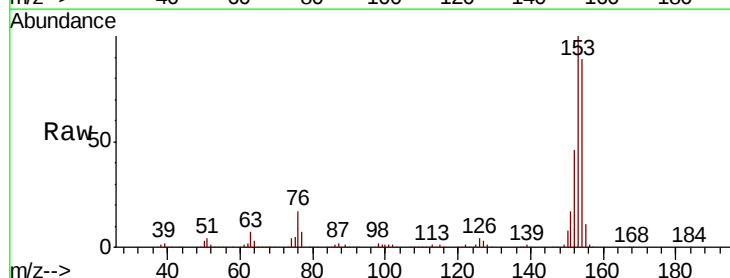
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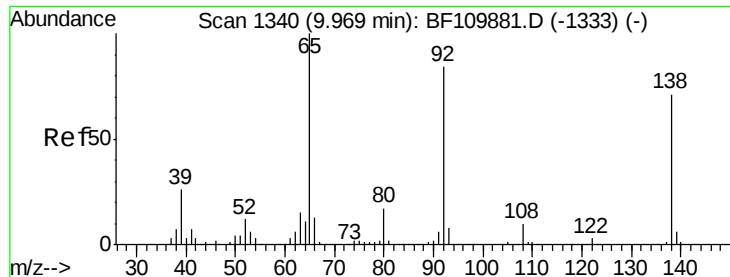
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#52
Acenaphthene
Concen: 36.067 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	922546		
153	111.7	90.1	135.1	
152	50.9	43.4	65.2	





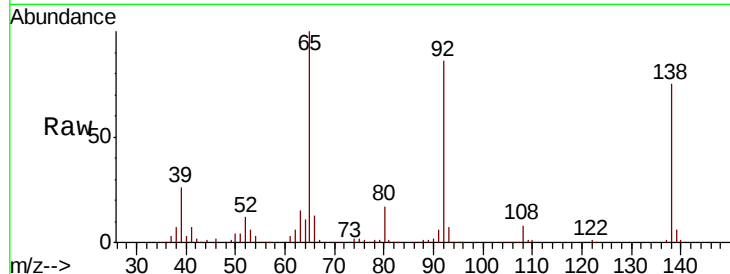
#53
3-Nitroaniline
Concen: 30.227 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

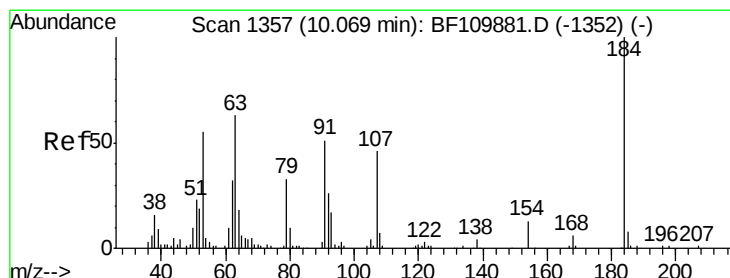
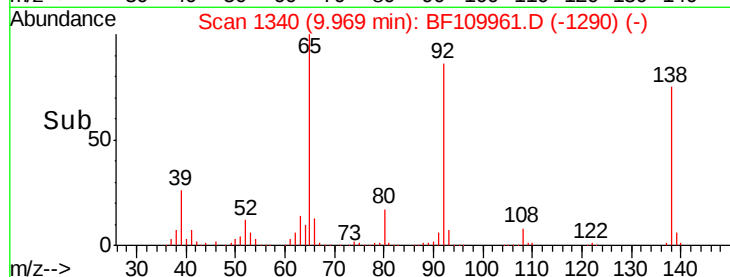
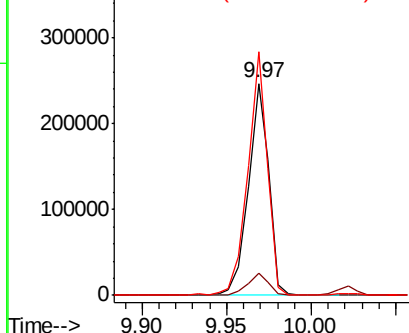
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	114.8	97.0	145.4

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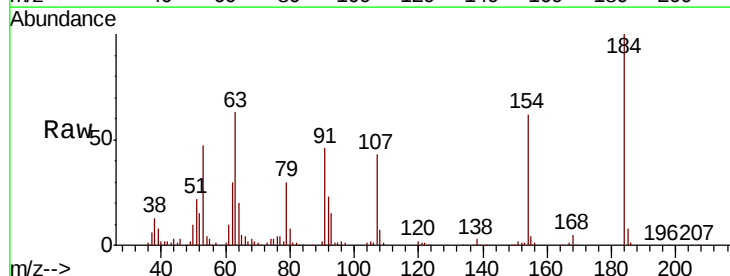


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

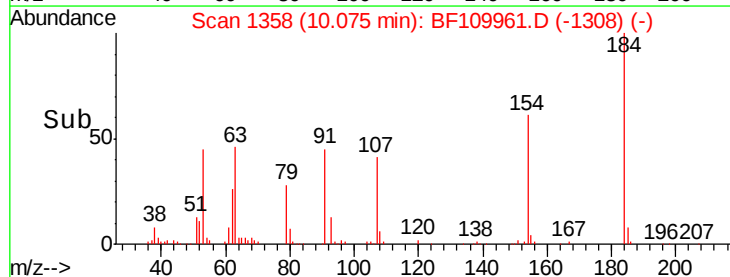
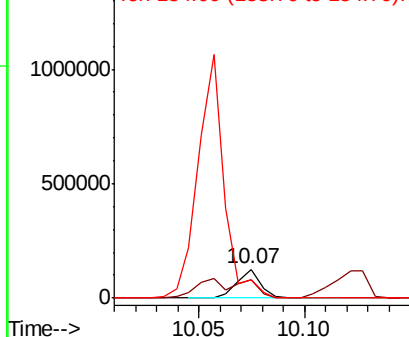


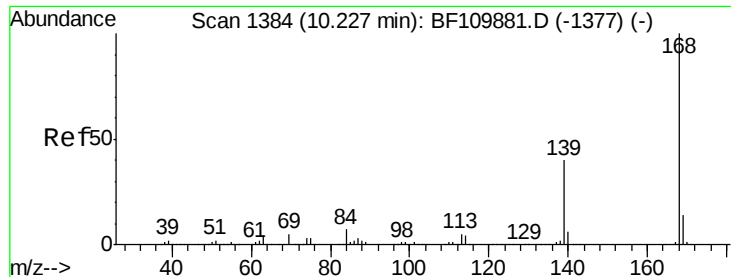
#54
2,4-Dinitrophenol
Concen: 55.816 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	55.8	83.6
154	61.6	63.2	94.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





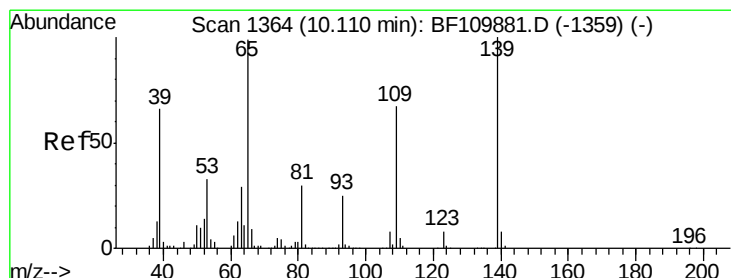
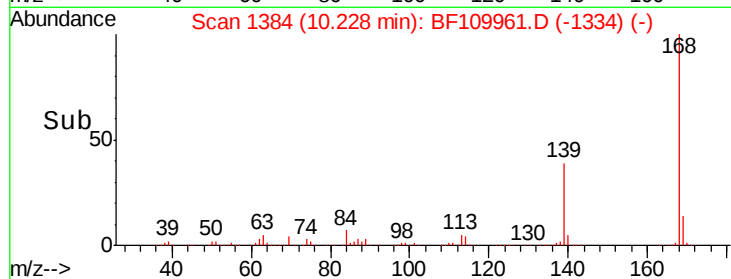
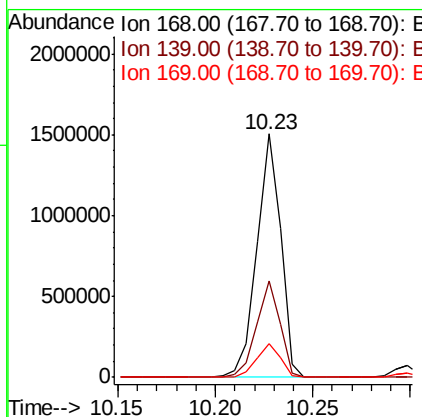
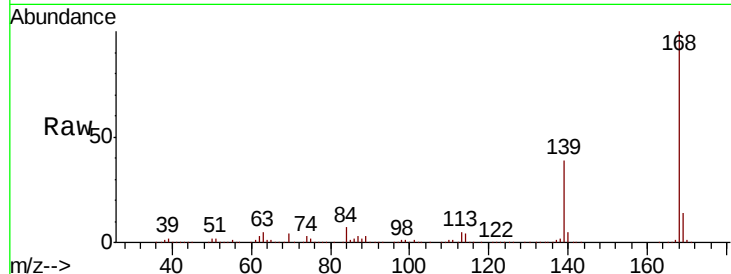
#55
Dibenzenofuran
Concen: 34.864 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	33.0	49.6
169	13.7	11.3	16.9

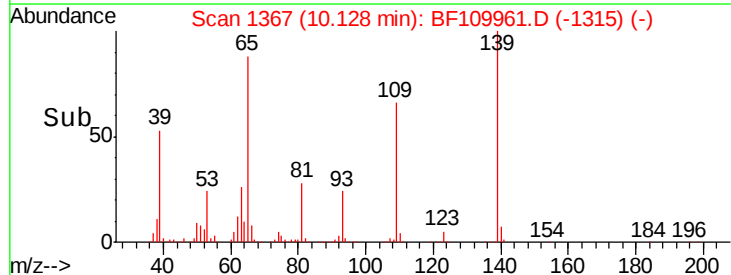
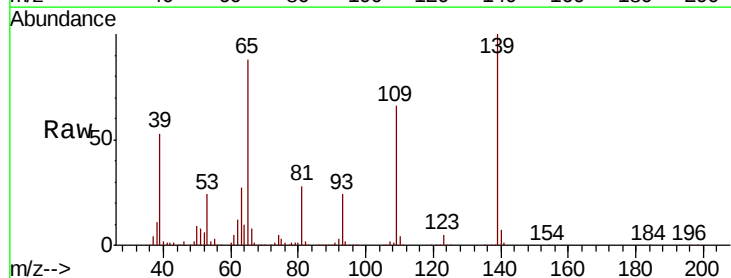
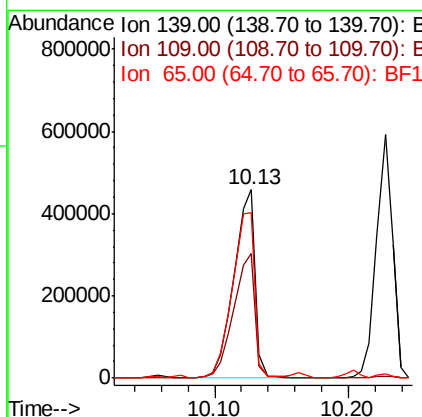
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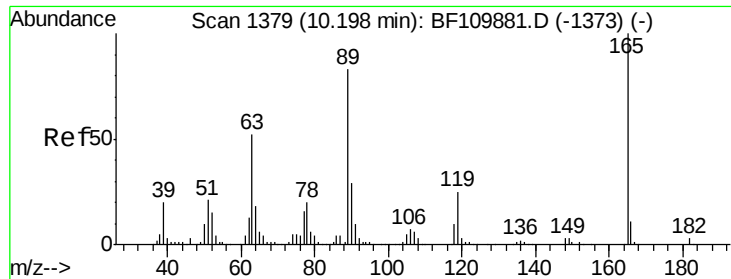
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#56
4-Nitrophenol
Concen: 97.210 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	55.8	95.8
65	87.8	77.9	117.9





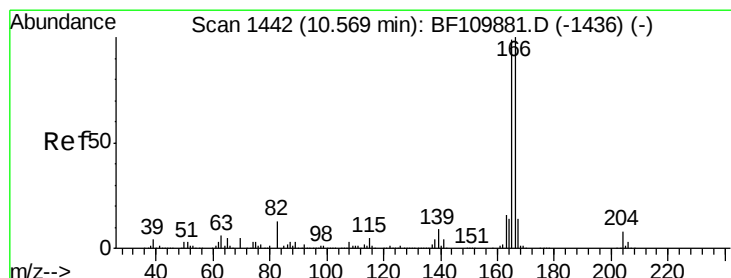
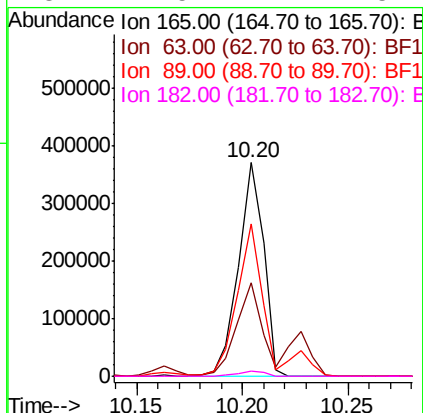
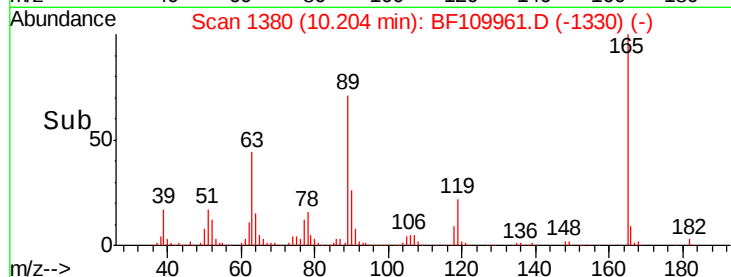
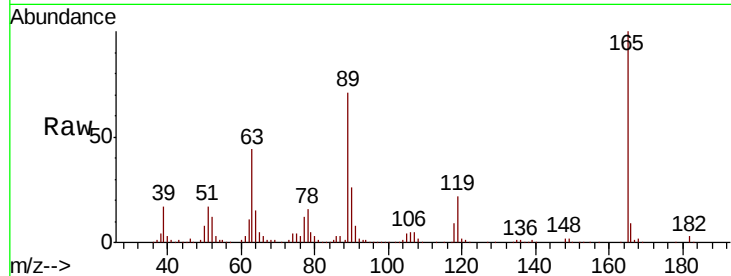
#57
2,4-Dinitrotoluene
Concen: 43.323 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	306624		
63	44.1	44.8	67.2	#
89	71.5	62.2	93.4	
182	2.5	2.1	3.1	

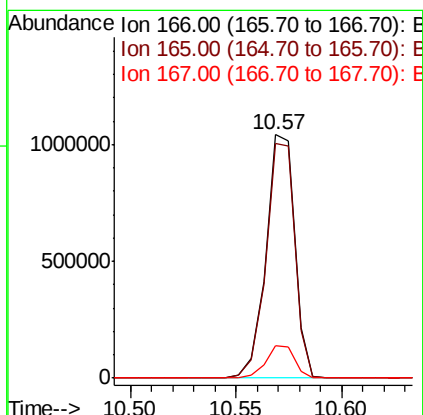
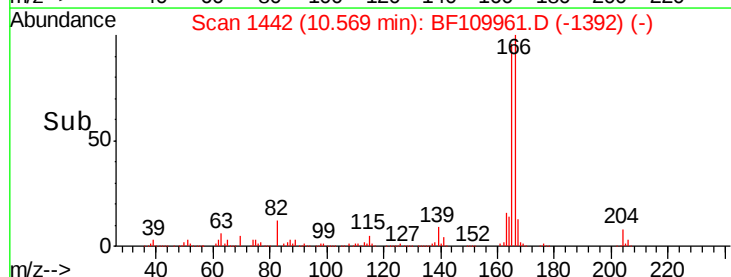
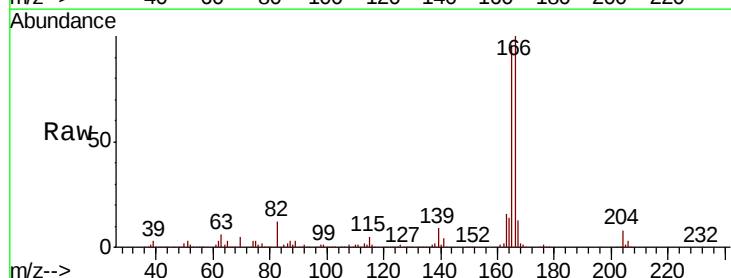
Manual Integrations
APPROVED

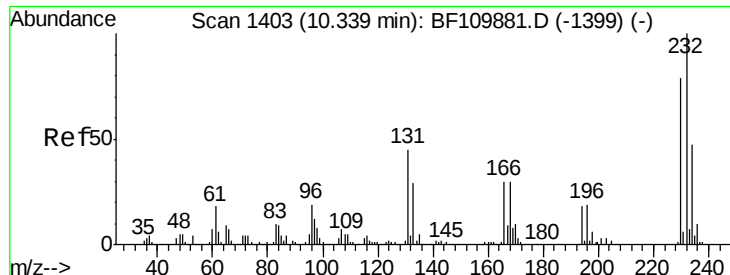
Sohil
10/19/2018 12:08:36 PM



#58
Fluorene
Concen: 37.122 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	985746		
165	96.3	78.6	117.8	
167	13.2	10.8	16.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.608 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

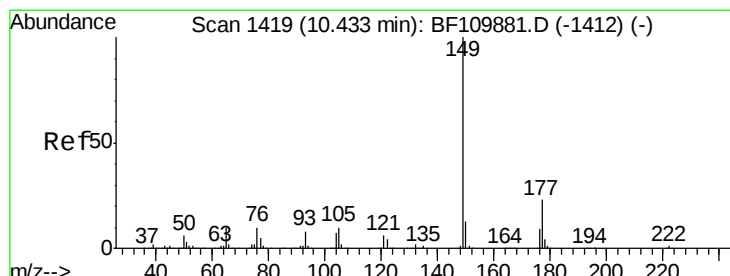
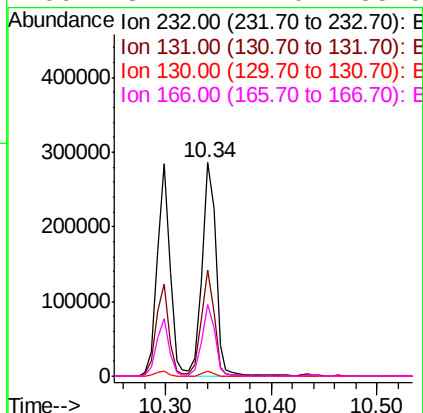
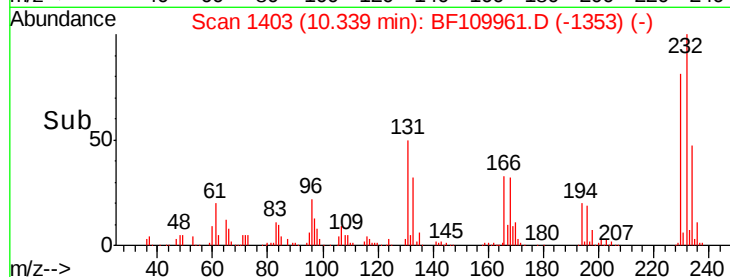
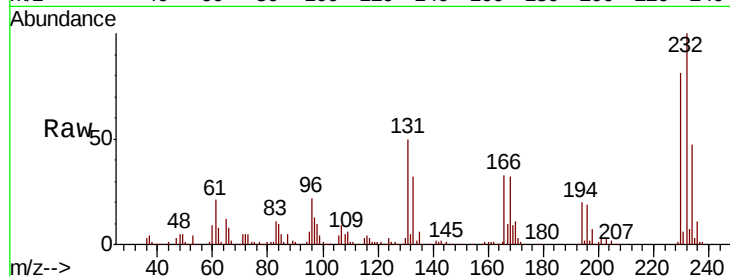
ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion:	232	Resp:	257739
Ion Ratio	Lower	Upper	
232	100		
131	47.0	37.0	55.4
130	2.3	1.8	2.6
166	31.7	22.0	33.0

Manual Integrations
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#60

Diethylphthalate

Concen: 34.819 ng

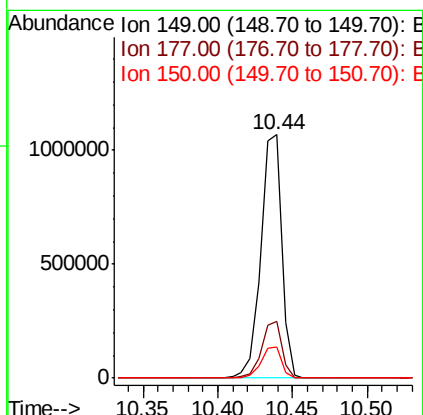
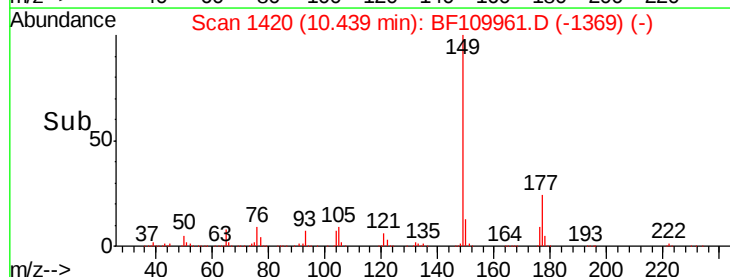
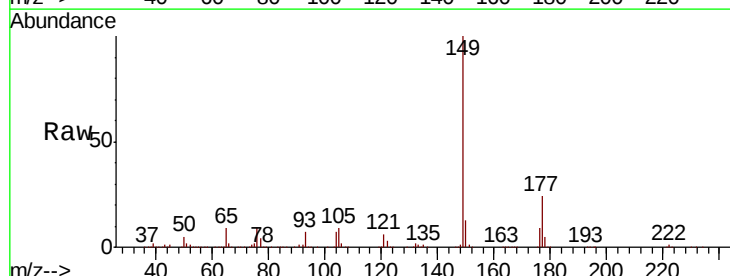
RT: 10.44 min Scan# 1420

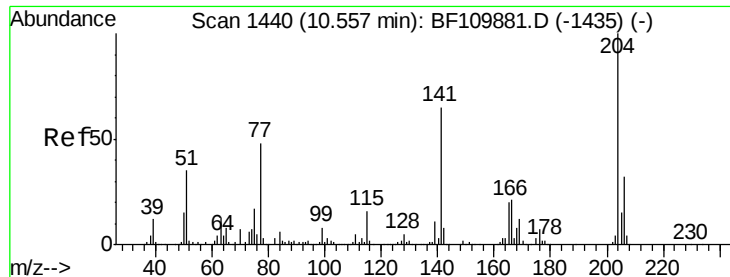
Delta R.T. -0.00 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Tgt Ion:	149	Resp:	1026178
Ion Ratio	Lower	Upper	
149	100		
177	23.6	17.4	26.2
150	12.7	9.8	14.8





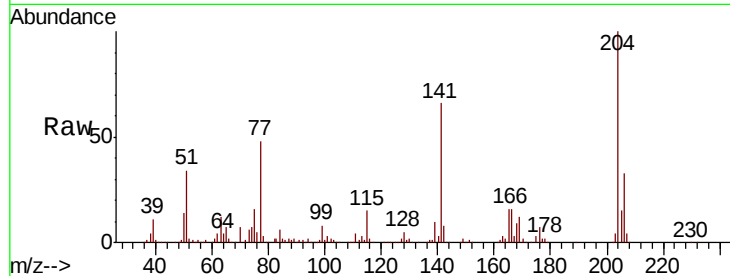
#61
4-Chlorophenyl-phenylether
Concen: 33.784 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	66.4	51.8	77.8

Manual Integrations
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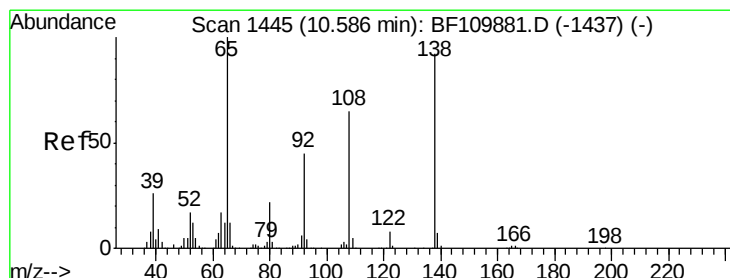
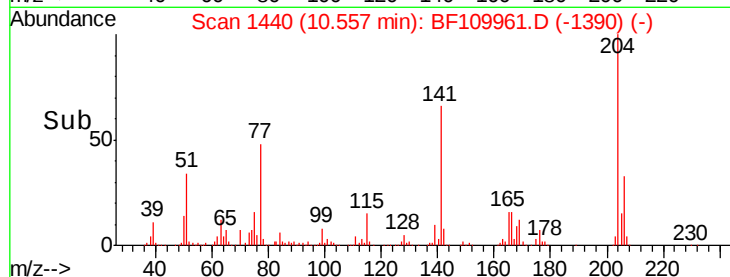
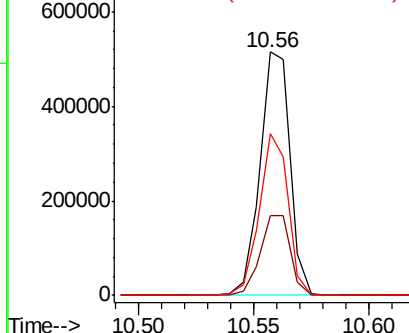


Abundance

Ion 204.00 (203.70 to 204.70): E

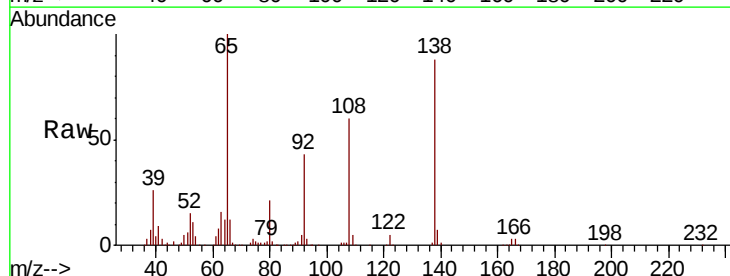
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.992 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	31.7	71.7
108	68.4	59.3	99.3

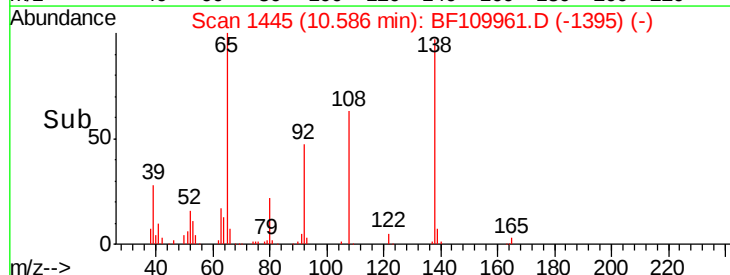
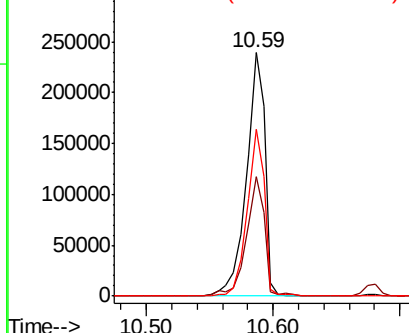


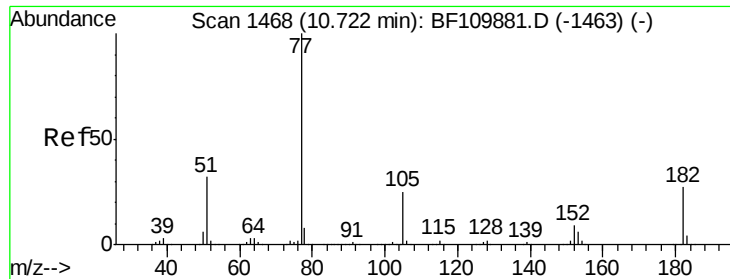
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





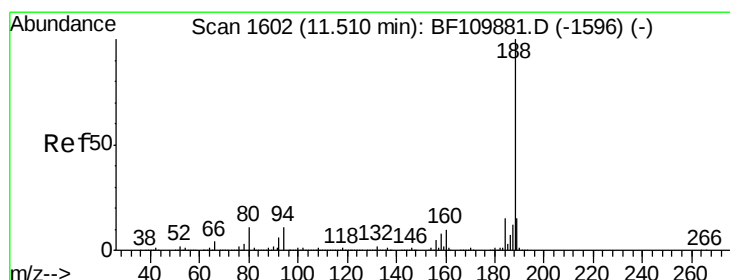
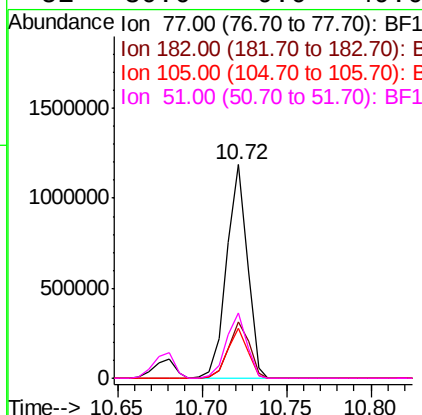
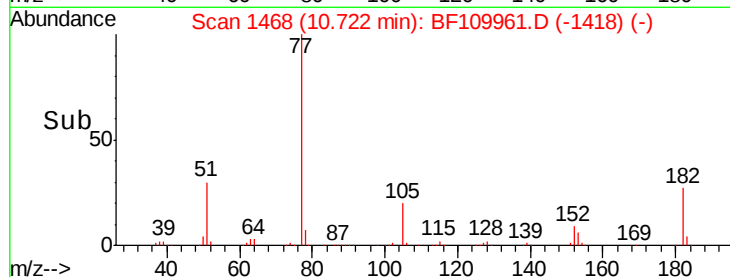
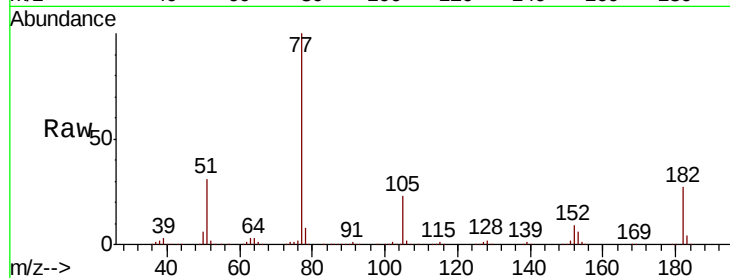
#63
Azobenzene
Concen: 32.747 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.6	4.3	44.3
105	23.5	1.3	41.3
51	30.6	9.0	49.0

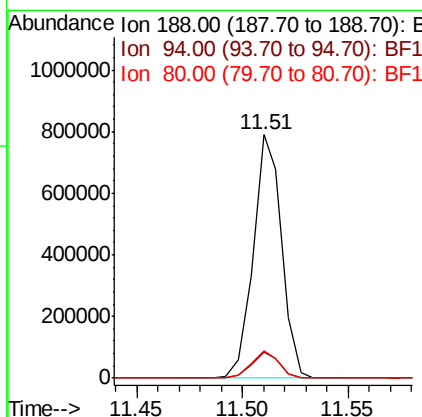
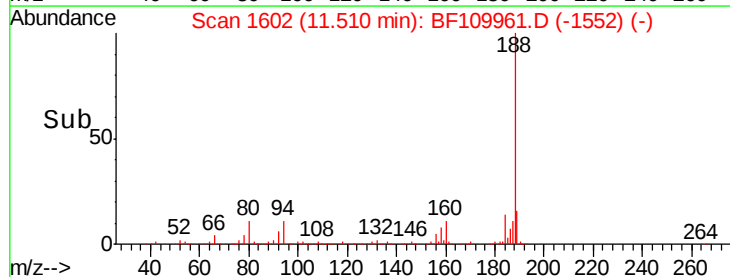
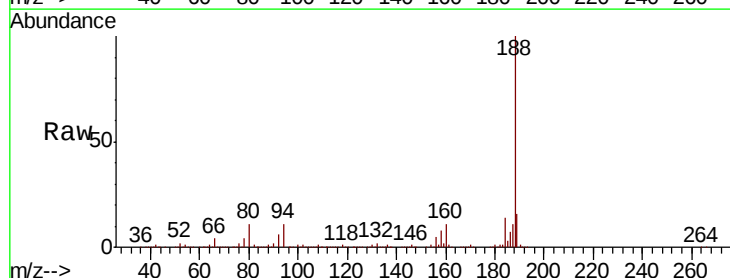
Manual Integrations
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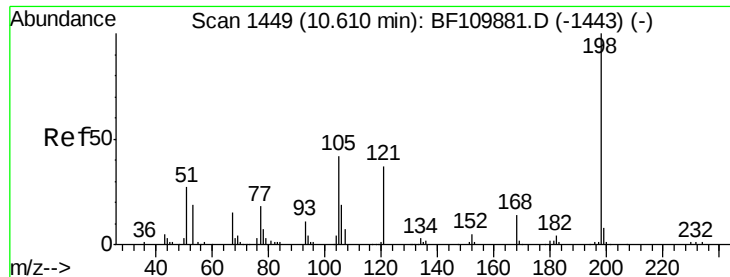
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.2	10.8
80	11.3	7.9	11.9





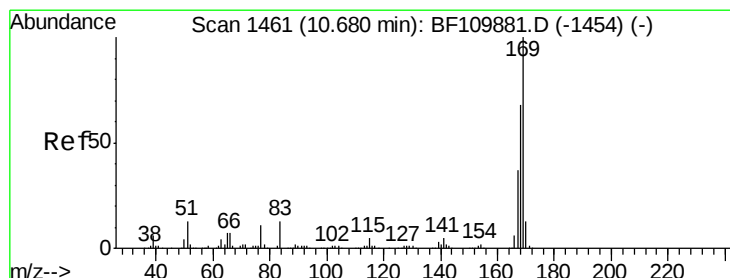
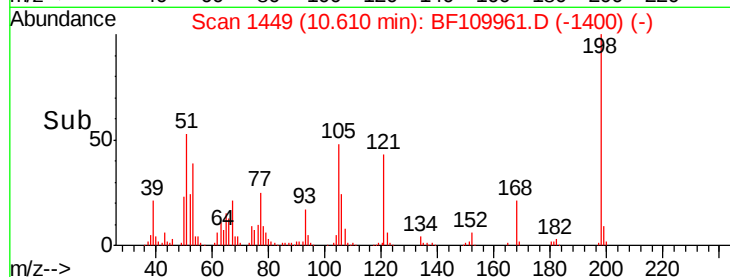
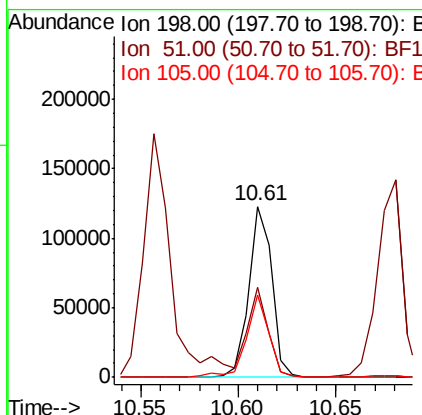
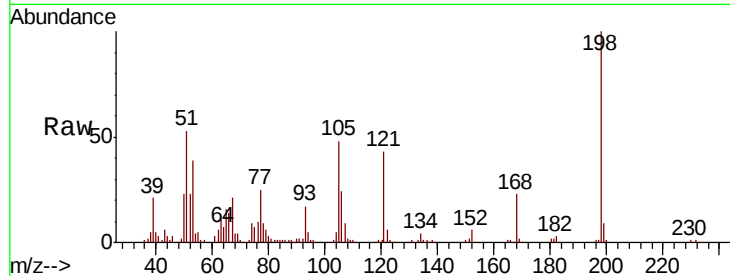
#65
4,6-Dinitro-2-methylphenol
Concen: 39.657 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	101110		
51	52.7	22.8	62.8	
105	47.8	23.6	63.6	

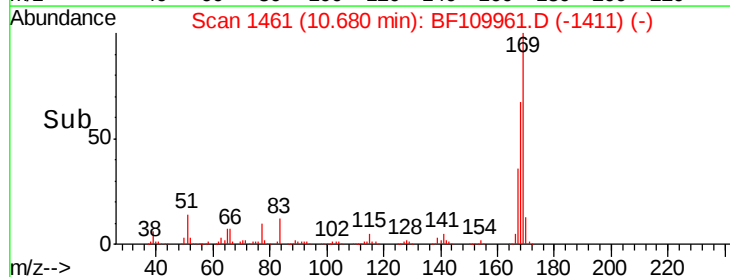
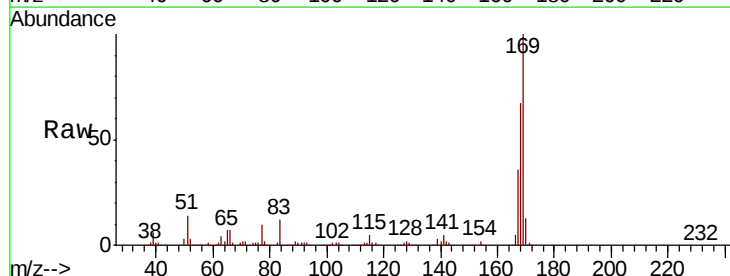
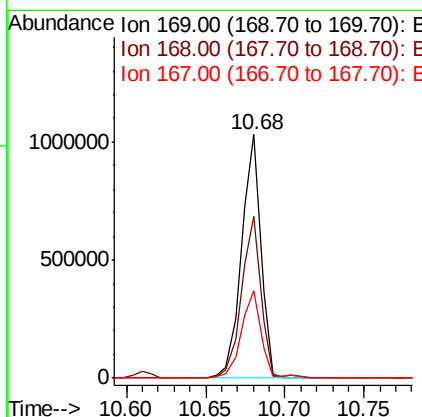
Manual Integrations
APPROVED

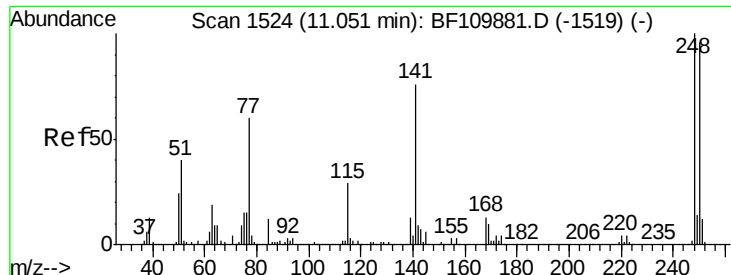
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 35.422 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	866208		
168	66.5	51.2	76.8	
167	35.9	27.8	41.6	





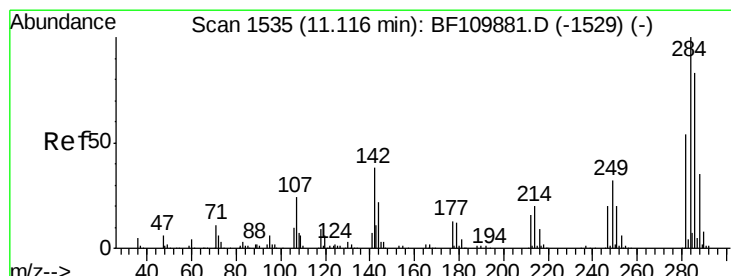
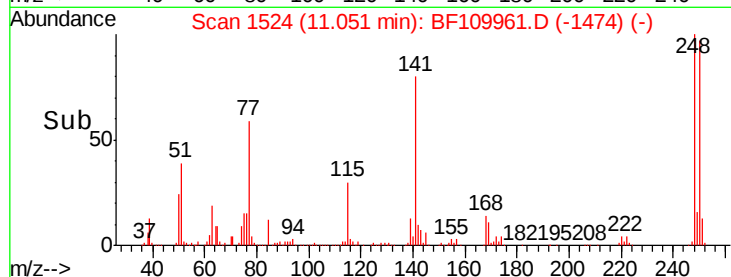
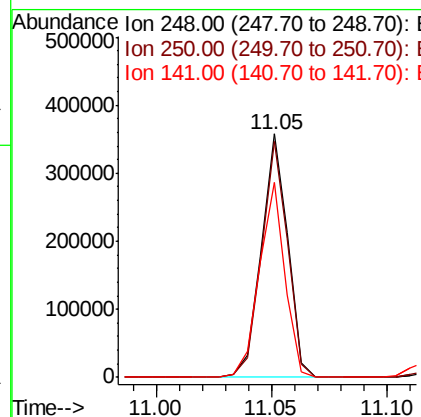
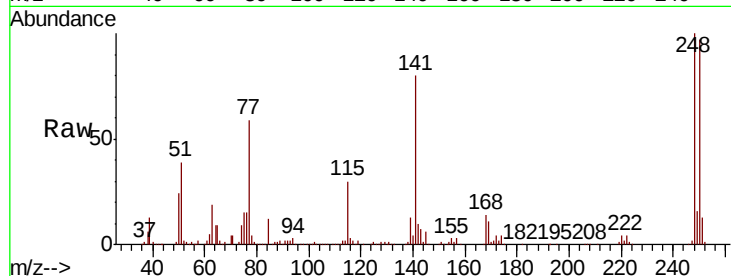
#67
 4-Bromophenyl-phenylether
 Concen: 35.884 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109961.D
 Acq: 18 Oct 2018 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1015-S-DH-27MS

Tot Ion:	248	Resp:	285532
Ion Ratio	Lower	Upper	
248	100		
250	96.7	79.4	119.2
141	79.9	55.9	83.9

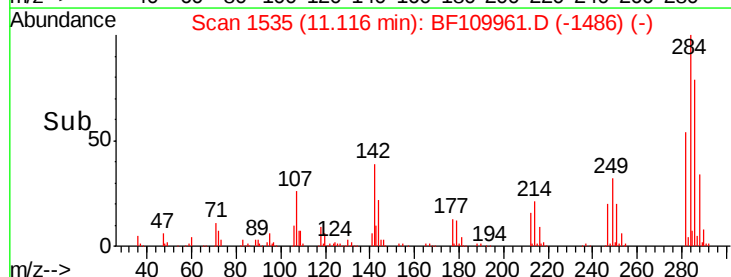
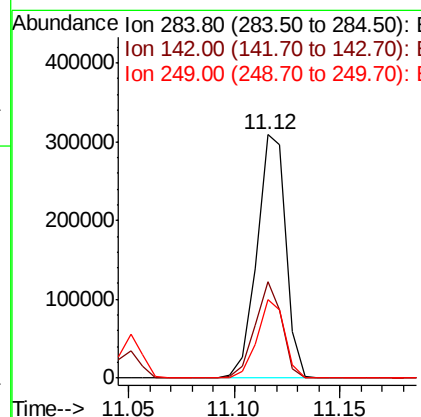
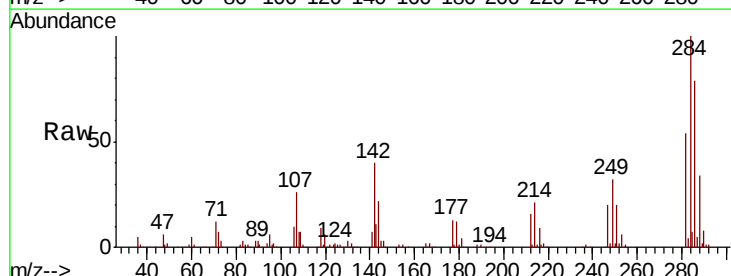
Manual Integrations
 APPROVED

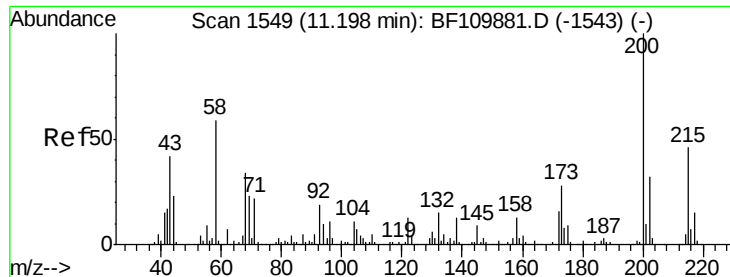
Sohil
 10/19/2018 12:08:36 PM



#68
 Hexachlorobenzene
 Concen: 34.731 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF109961.D
 Acq: 18 Oct 2018 15:11

Tgt Ion:	284	Resp:	294697
Ion Ratio	Lower	Upper	
284	100		
142	39.7	23.9	35.9#
249	32.2	24.2	36.2





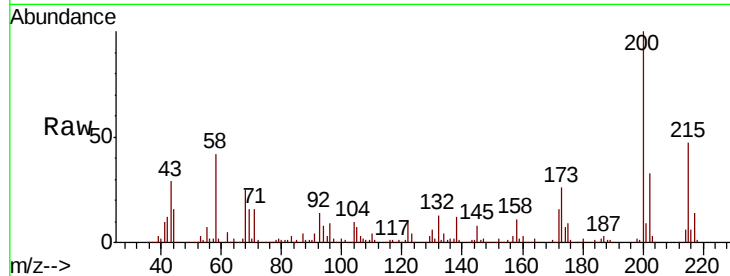
#69
Atrazine
Concen: 35.937 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.4	6.6	46.6
215	46.8	26.3	66.3

Manual Integrations
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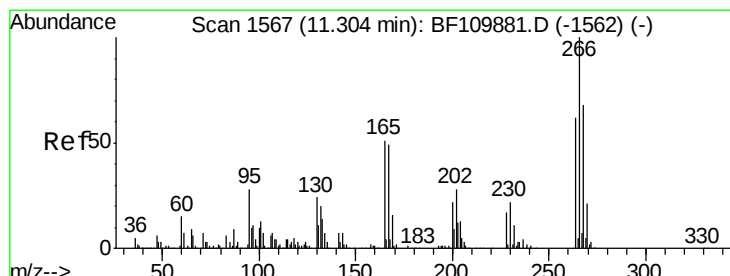
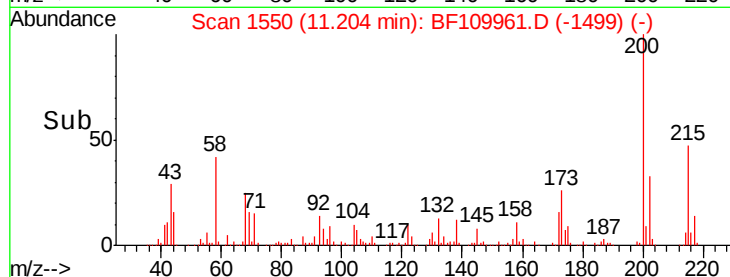
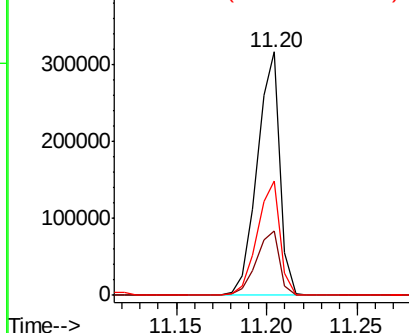


Abundance

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



#70
Pentachlorophenol
Concen: 55.148 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

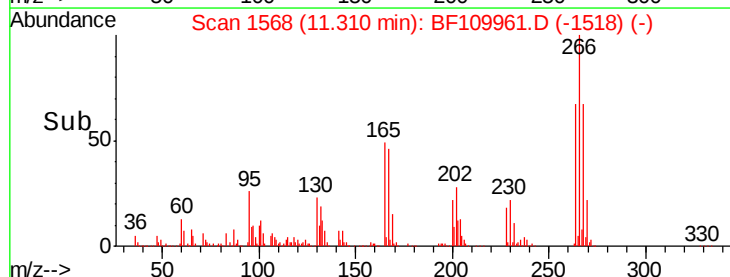
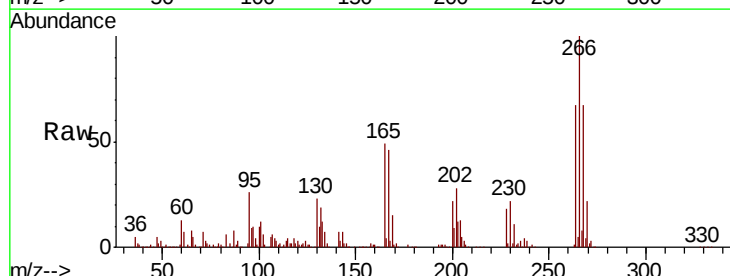
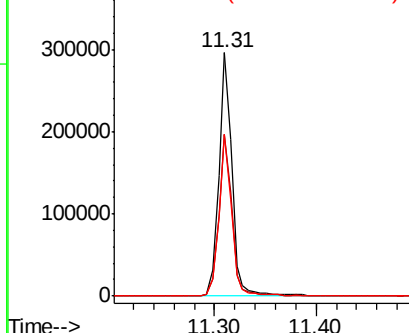
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.6	50.6	75.8
264	66.6	50.6	75.8

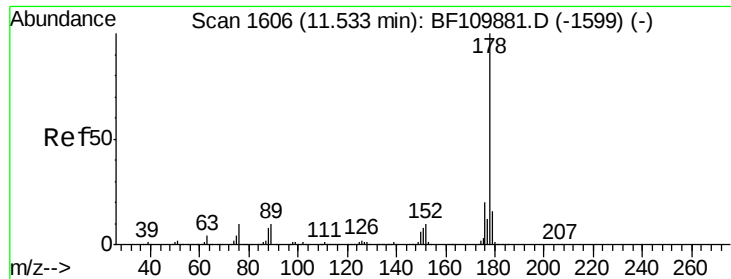
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.607 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion:178 Resp: 1353453

Ion Ratio Lower Upper

178 100

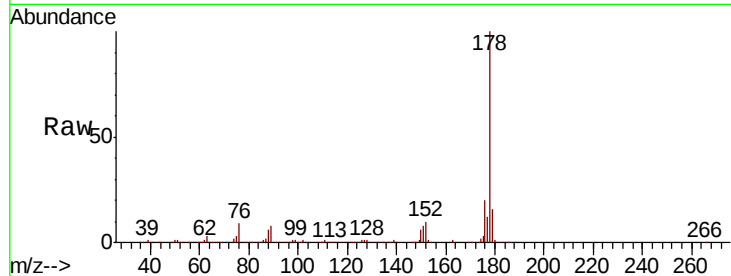
176 19.7 15.5 23.3

179 15.6 12.5 18.7

Manual Integrations
APPROVED

Sohil

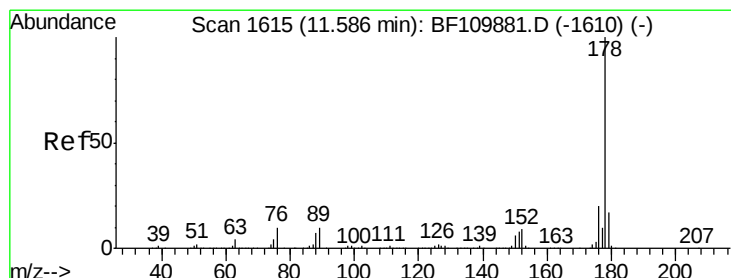
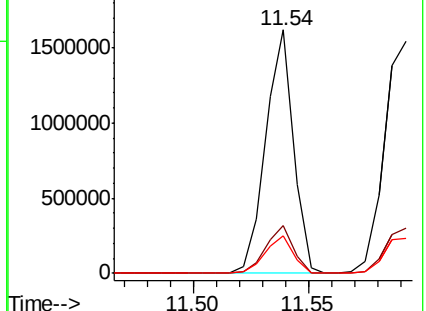
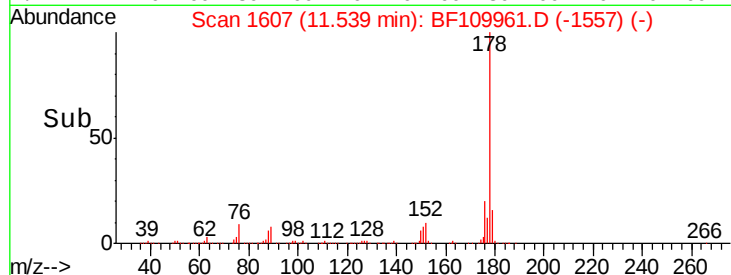
10/19/2018 12:08:36 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.666 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

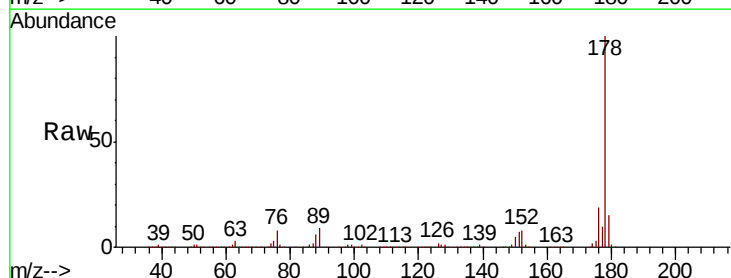
Tgt Ion:178 Resp: 1401200

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

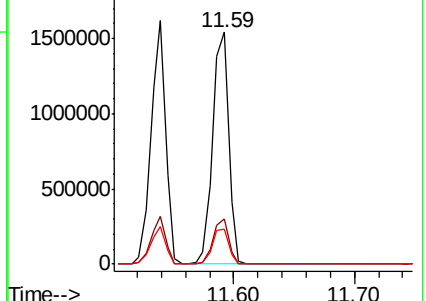
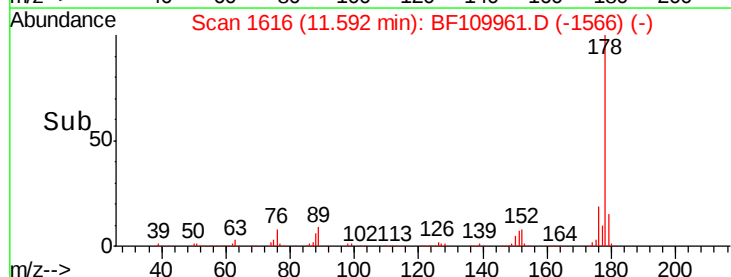
179 15.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





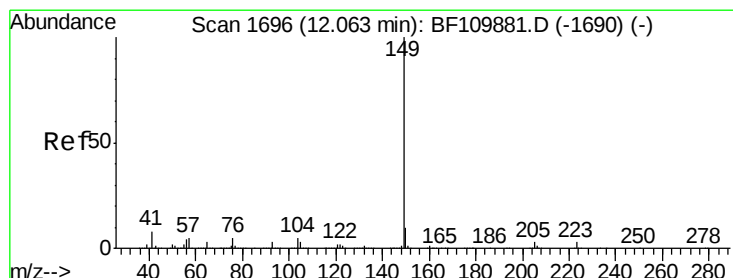
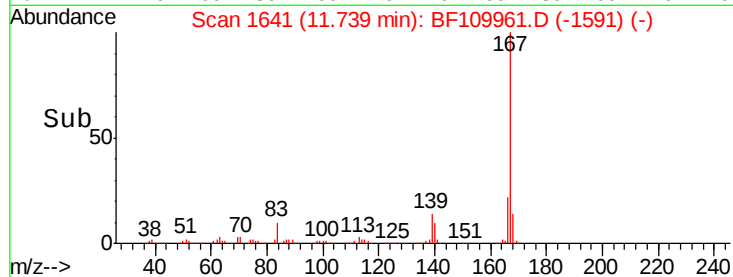
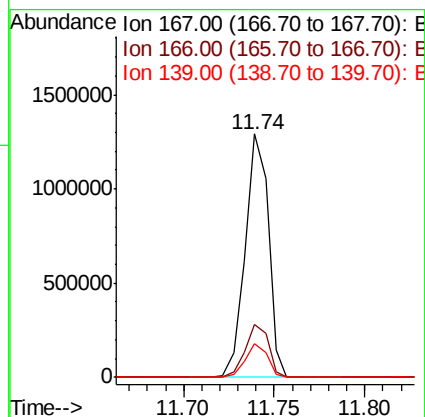
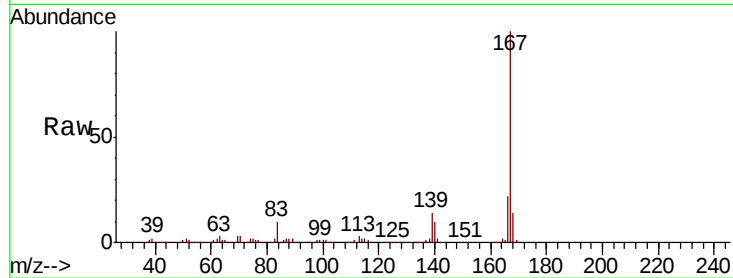
#73
 Carbazole
 Concen: 30.718 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF109961.D
 Acq: 18 Oct 2018 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.6	10.9	16.3

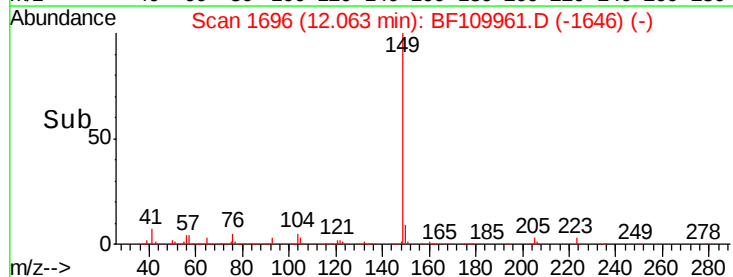
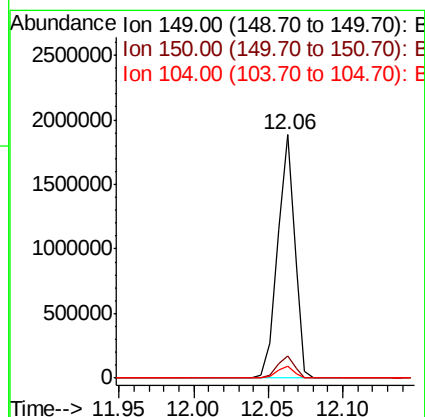
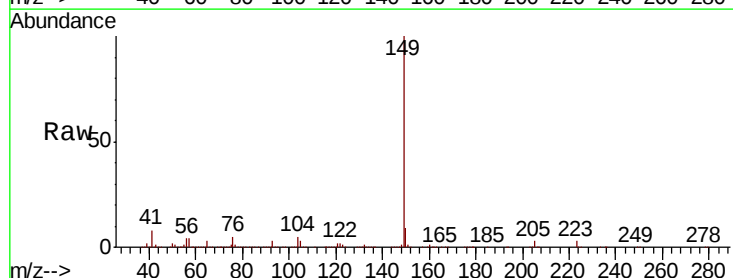
Manual Integrations
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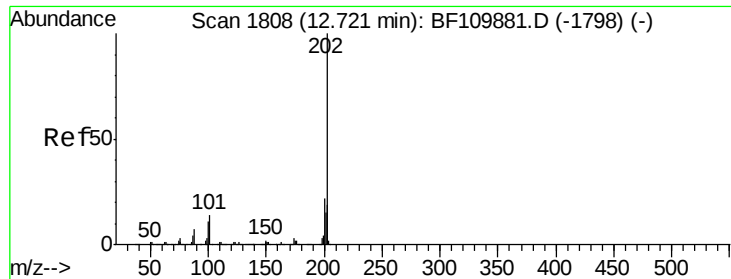
Sohil
 10/19/2018 12:08:36 PM



#74
 Di-n-butylphthalate
 Concen: 35.680 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109961.D
 Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 31.341 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

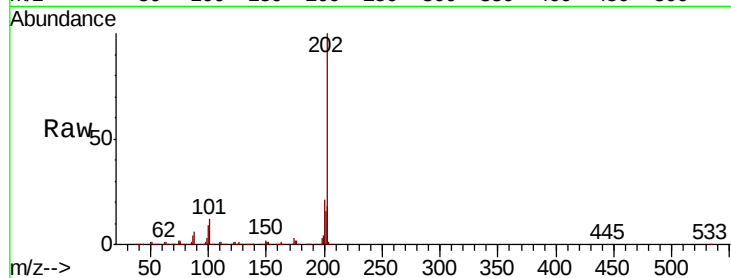
ClientSampleId :

SSSI-1015-S-DH-27MS

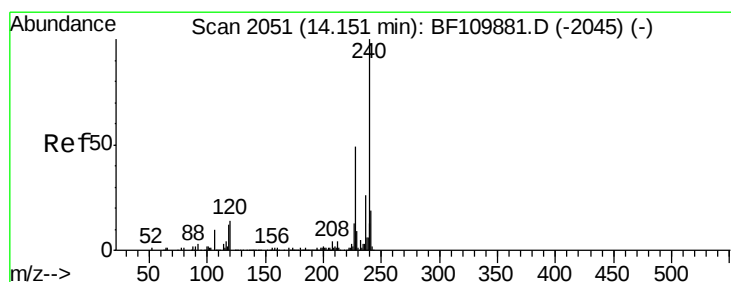
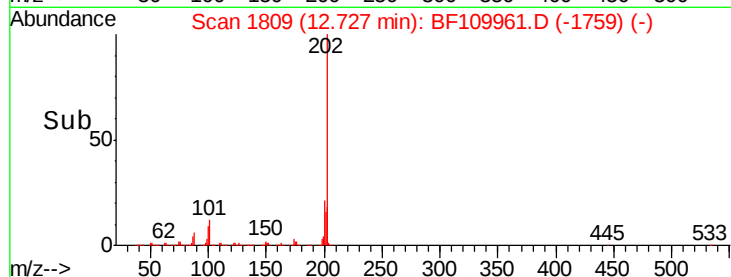
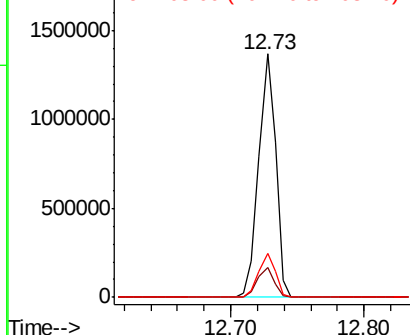
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.4
203	17.8	0.0	37.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

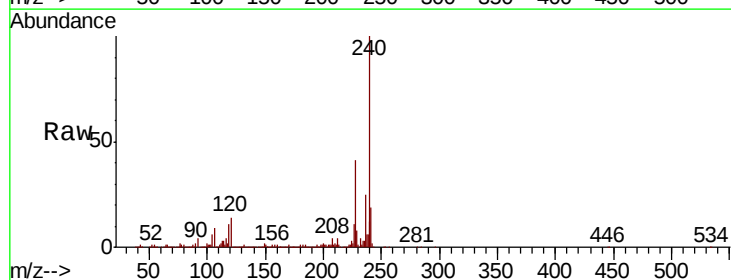
RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

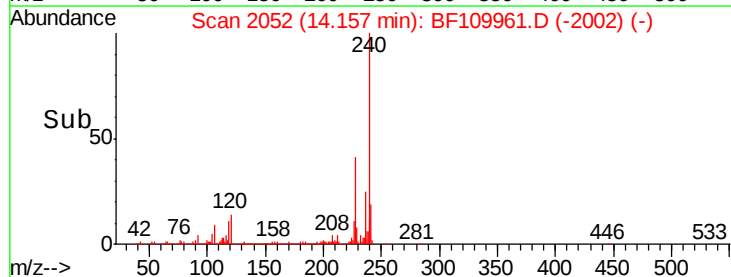
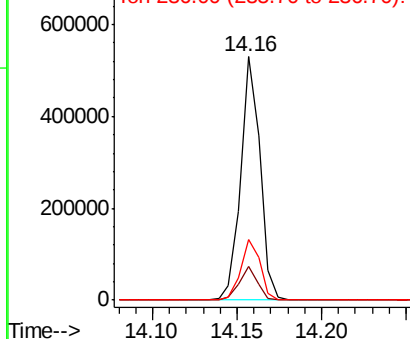
Lab File: BF109961.D

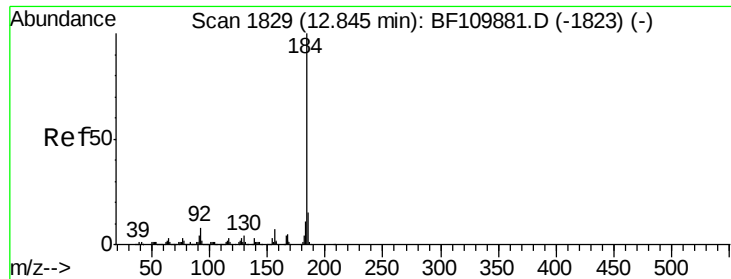
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.3	12.5#
236	24.9	21.2	31.8



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





#77

Benzidine

Concen: 40.576 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

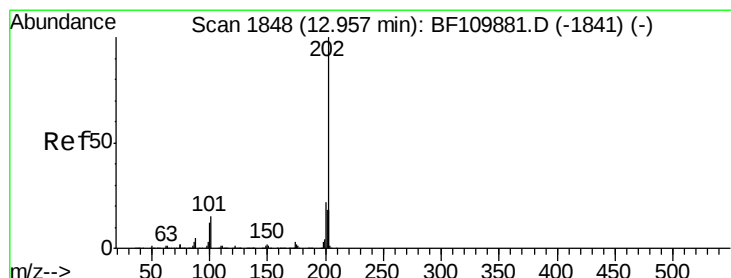
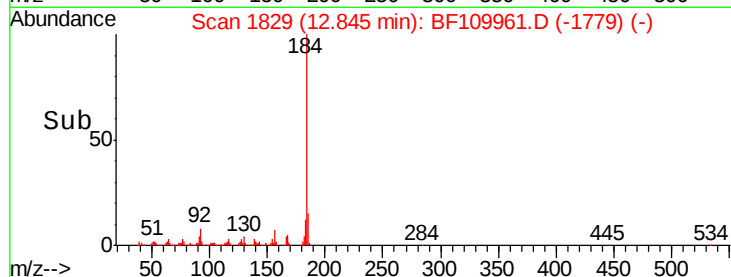
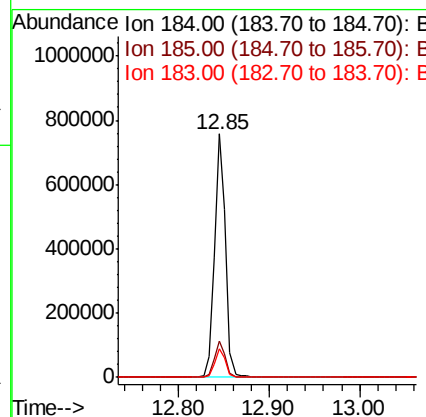
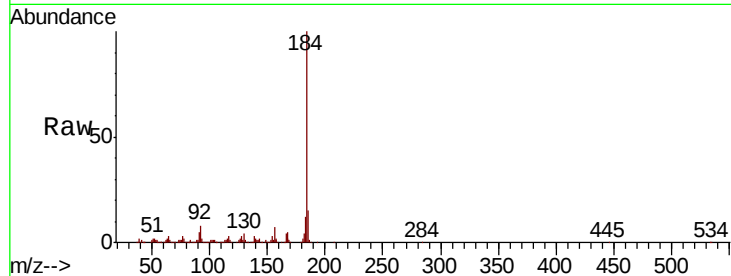
ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion:	184	Resp:	650459
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.4	20.2
183	11.6	9.4	14.2

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#78

Pyrene

Concen: 37.274 ng

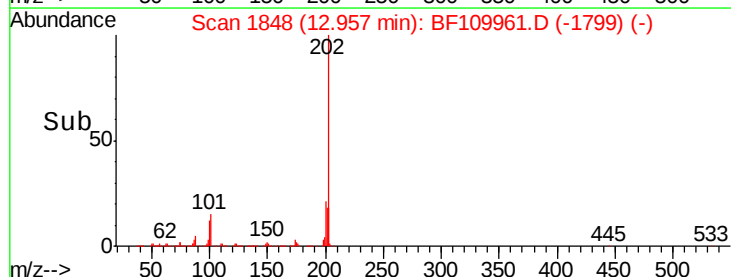
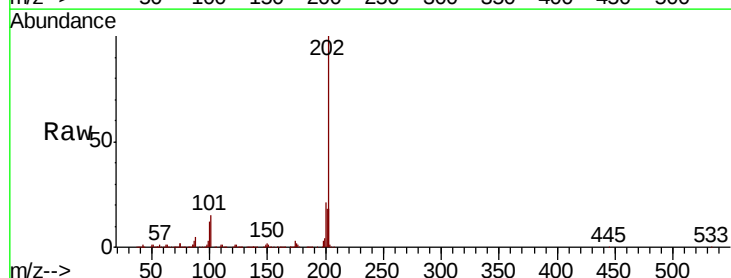
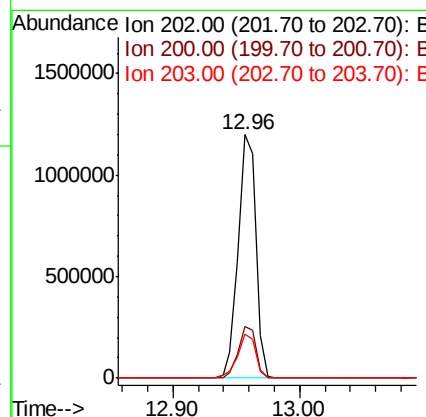
RT: 12.96 min Scan# 1848

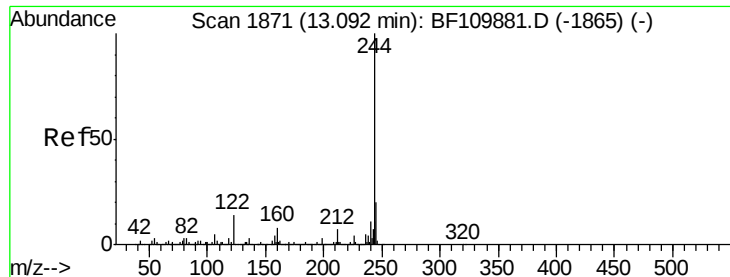
Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Tgt Ion:	202	Resp:	1144639
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	18.0	14.2	21.4





#79

Terphenyl-d14

Concen: 77.940 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion:244 Resp: 1551819

Ion Ratio Lower Upper

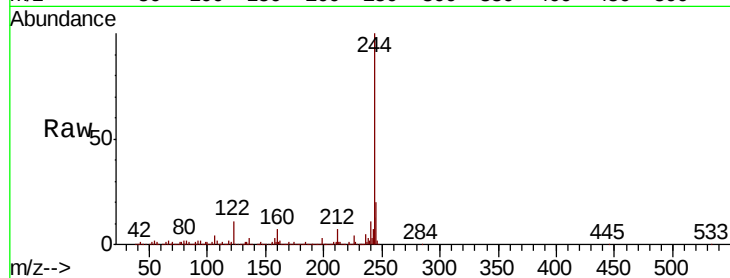
244 100

212 6.8 5.8 8.8

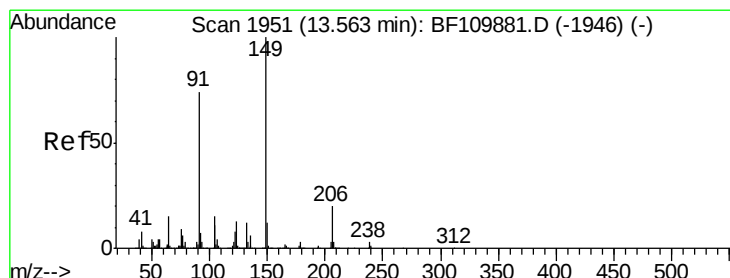
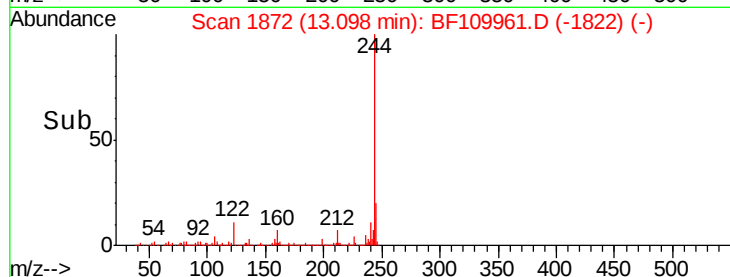
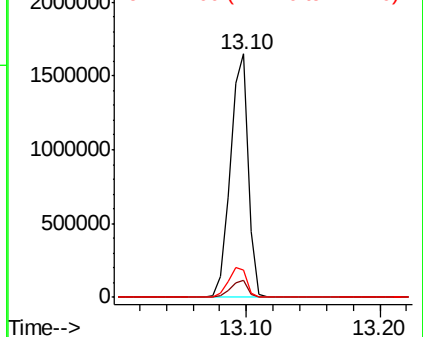
122 11.4 8.7 13.1

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.001 ng

RT: 13.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

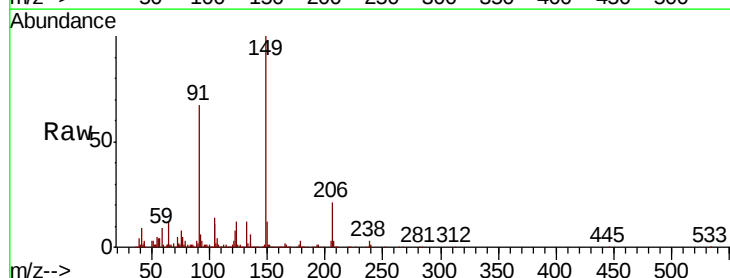
Tgt Ion:149 Resp: 484204

Ion Ratio Lower Upper

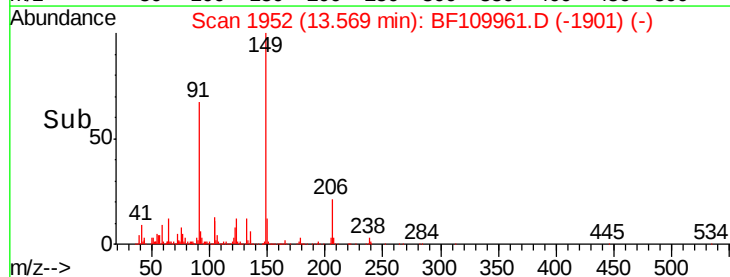
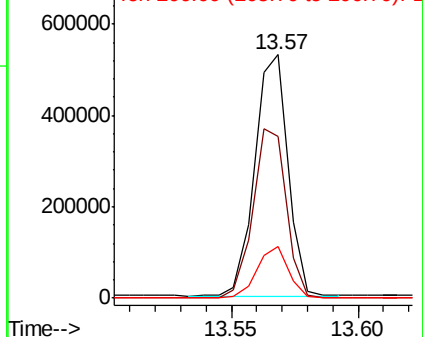
149 100

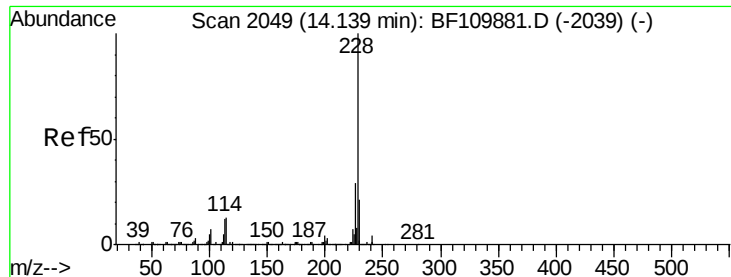
91 66.5 57.2 85.8

206 21.2 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





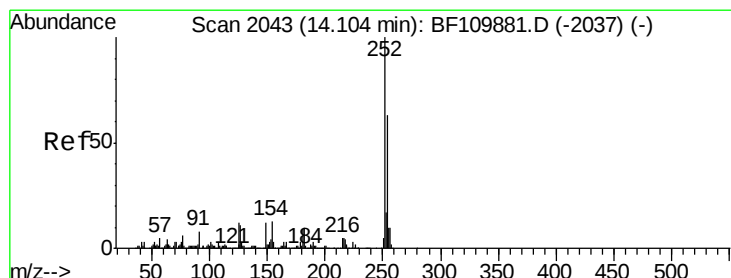
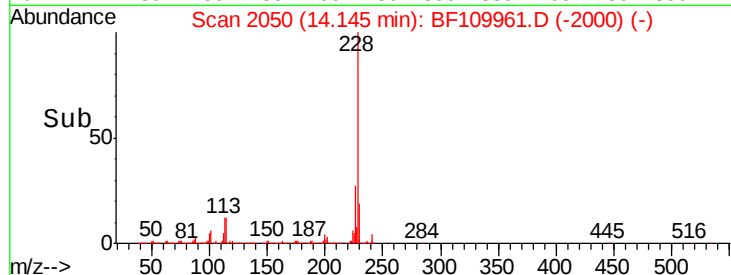
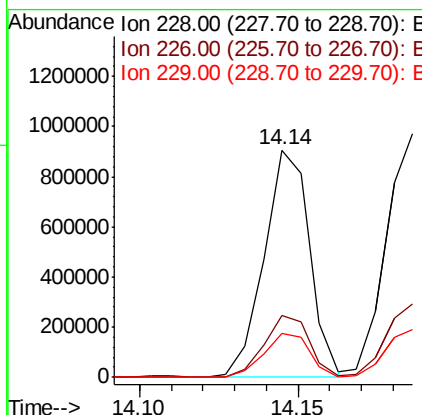
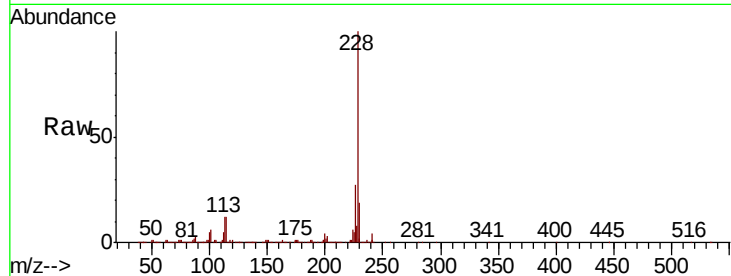
#81
Benzo(a)anthracene
Concen: 36.719 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.1	15.6	23.4

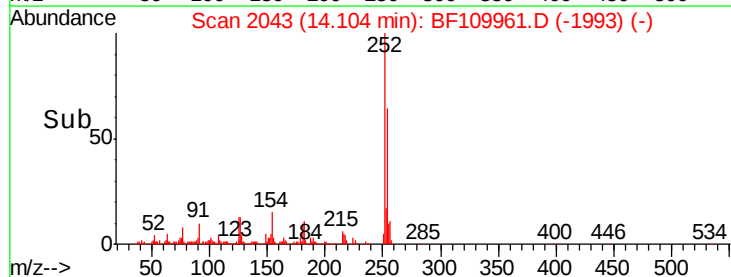
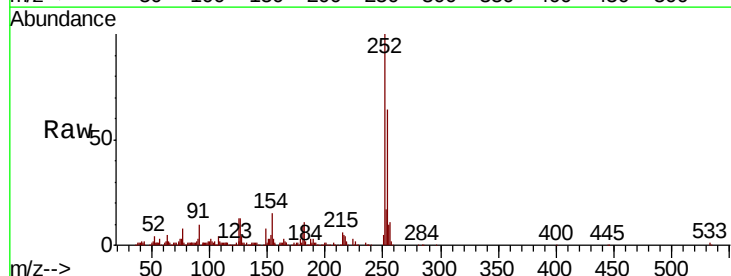
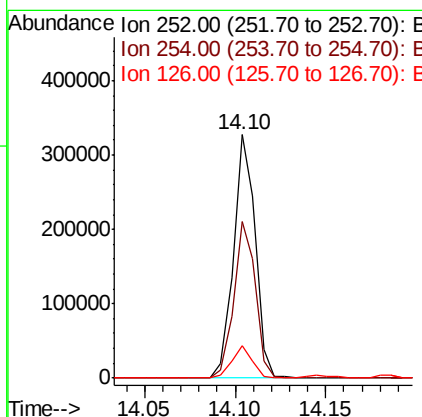
Manual Integrations
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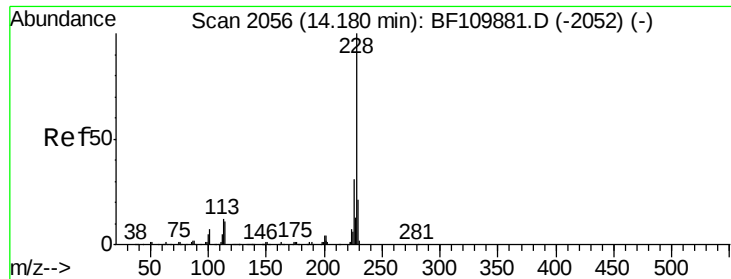
Sohil
10/19/2018 12:08:36 PM



#82
3,3'-Dichlorobenzidine
Concen: 31.550 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	13.3	9.4	14.2





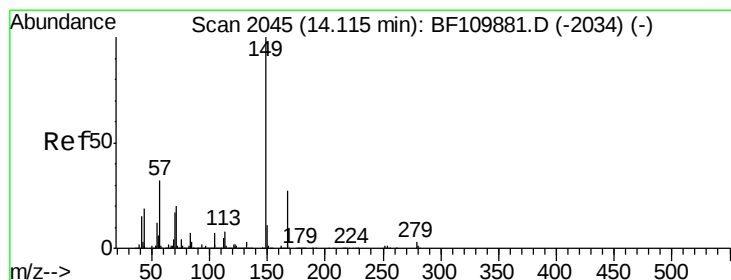
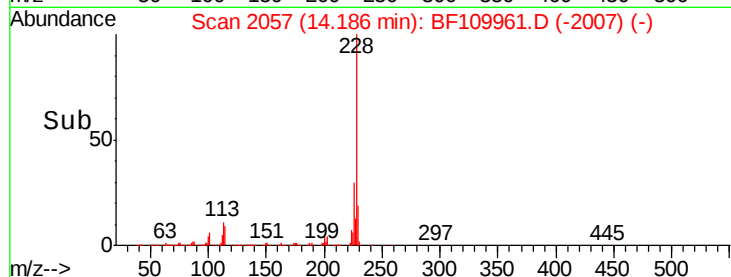
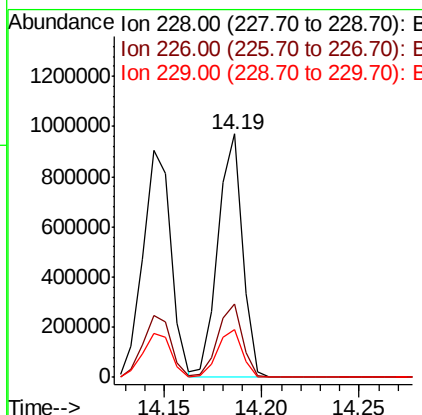
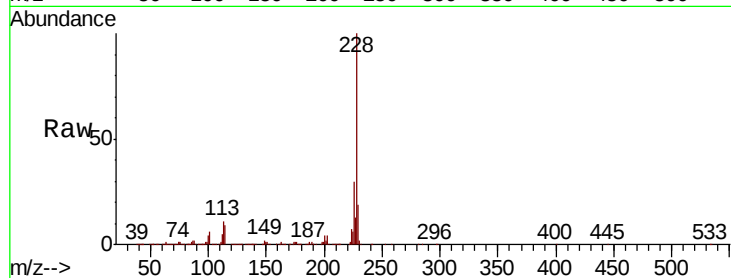
#83
Chrysene
Concen: 36.183 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	19.4	15.9	23.9

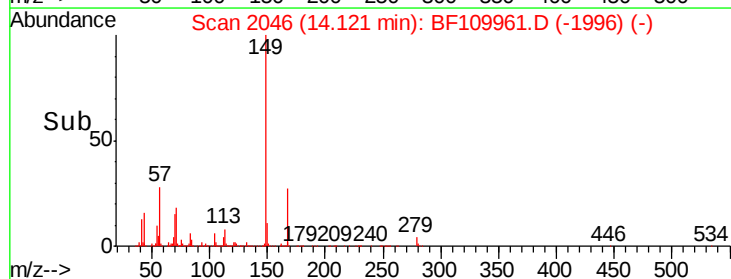
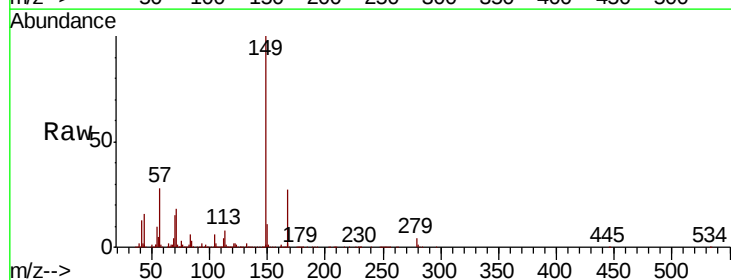
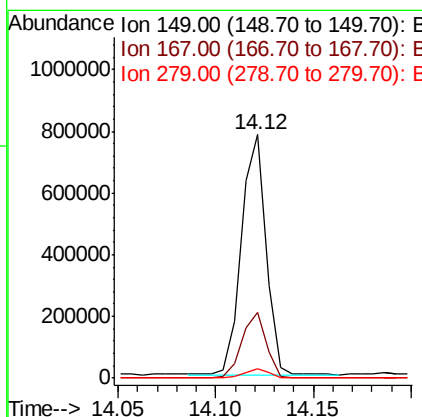
Manual Integrations
APPROVED

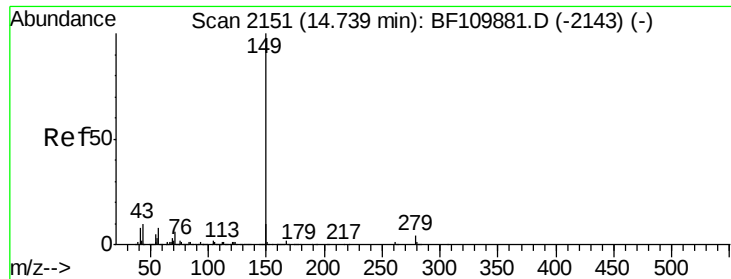
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.268 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	19.8	29.8
279	3.9	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 47.068 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

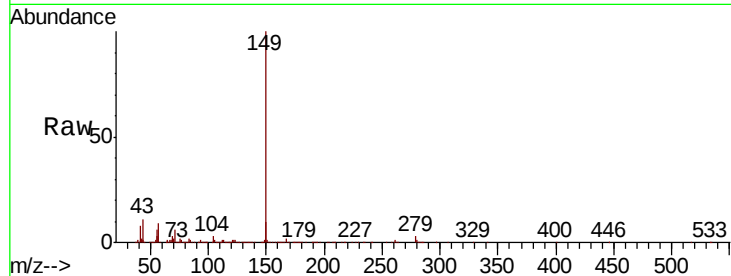
ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion:	149	Resp:	1084051
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.0	7.8	11.8

Manual Integrations
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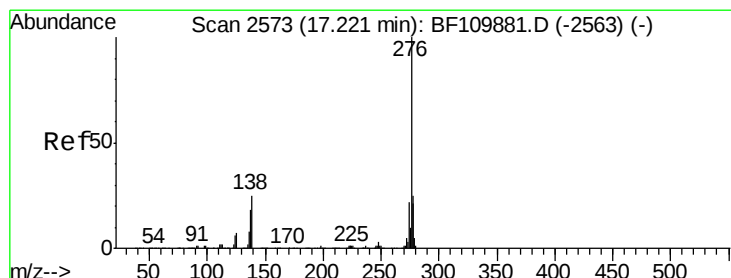
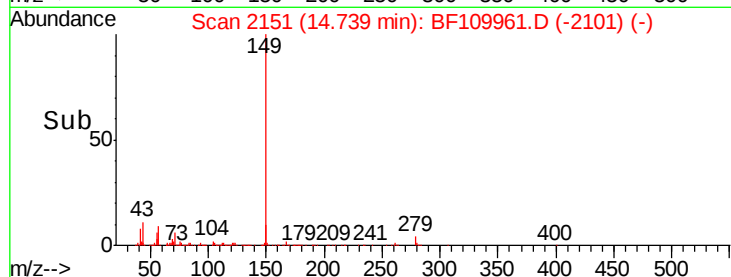
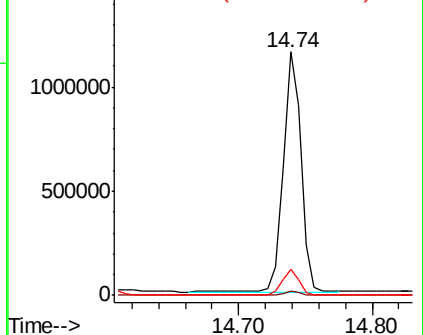


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 55.020 ng

RT: 17.25 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

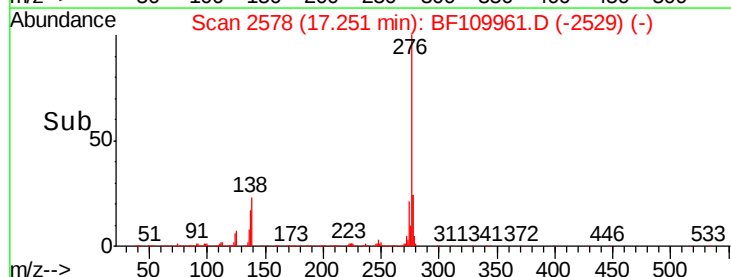
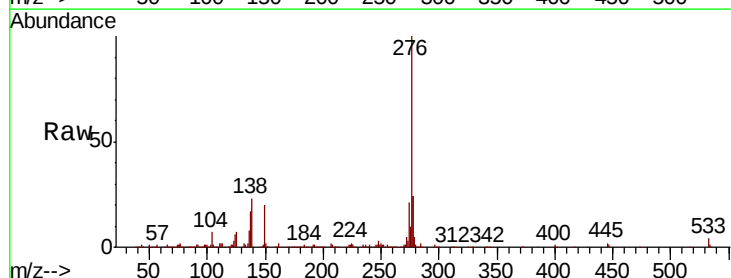
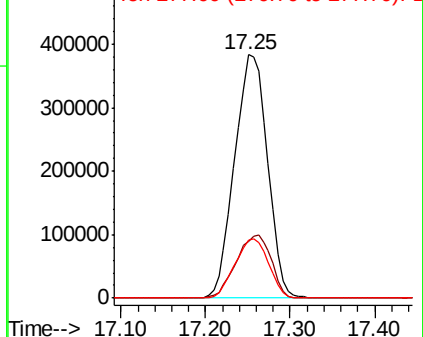
Tgt Ion:	276	Resp:	1038447
Ion	Ratio	Lower	Upper
276	100		
138	27.8	18.5	27.7#
277	24.9	20.0	30.0

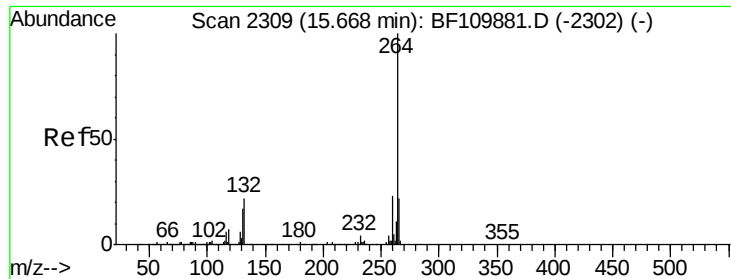
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

Instrument :

BNA_F

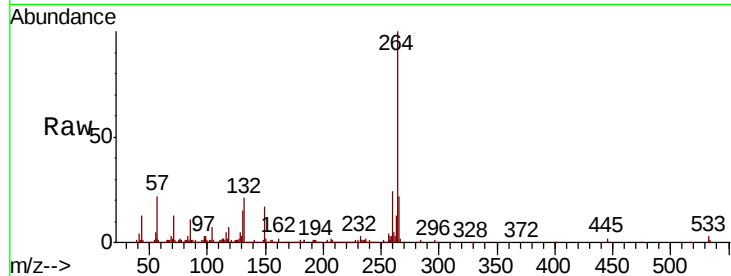
ClientSampleId :

SSSI-1015-S-DH-27MS

Tot Ion:	264	Resp:	445802
Ion Ratio		Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.7	16.7	25.1

Manual Integrations
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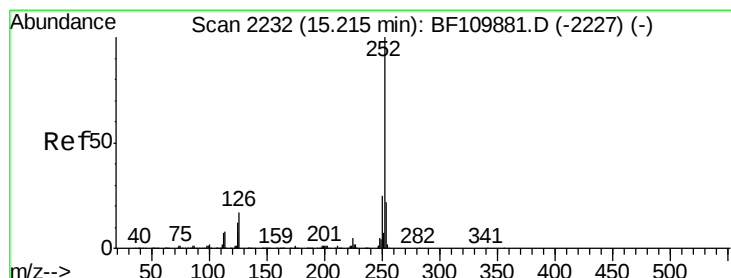
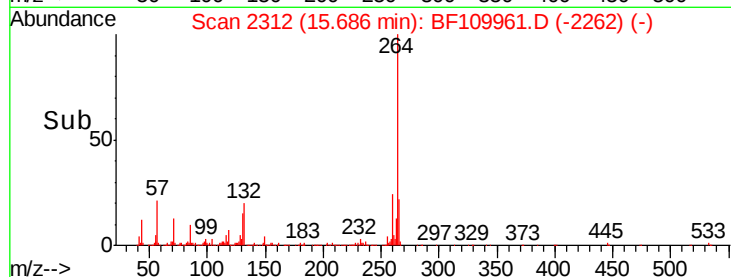
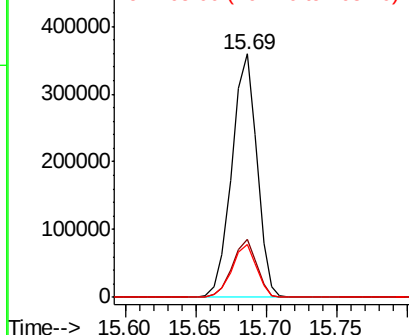


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.848 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF109961.D

Acq: 18 Oct 2018 15:11

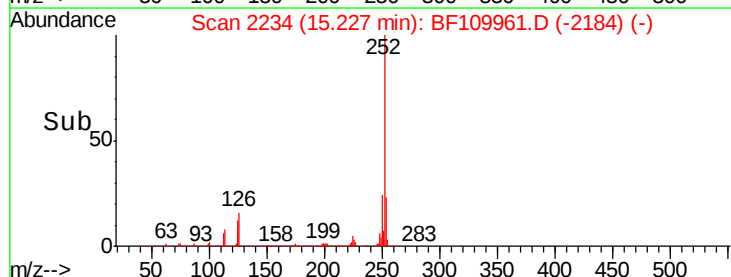
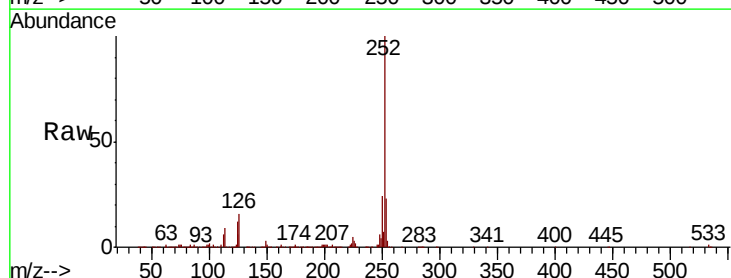
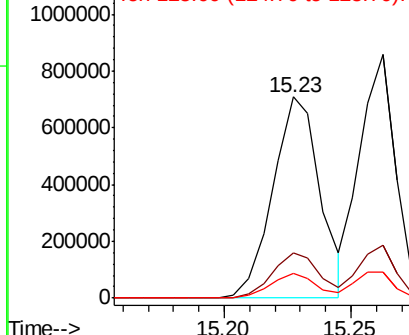
Tgt Ion:	252	Resp:	921338
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.2	25.8
125	12.3	8.2	12.4

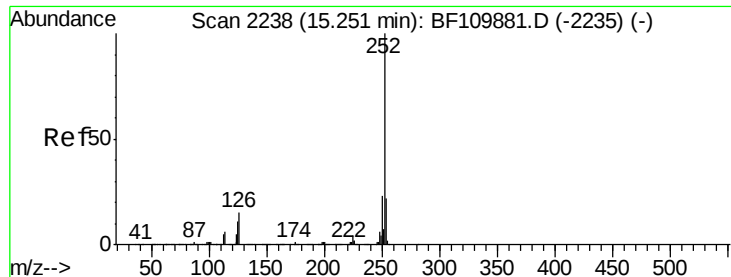
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





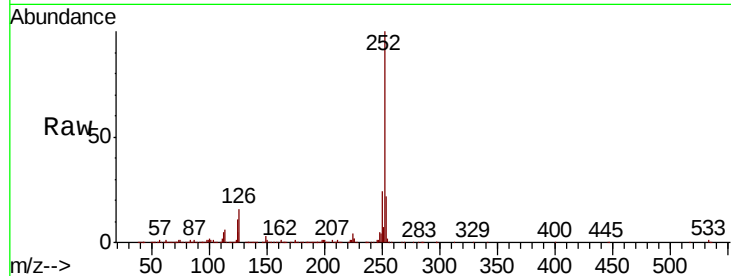
#89
Benzo(k)fluoranthene
Concen: 33.332 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.0	7.4	11.0

Manual Integrations
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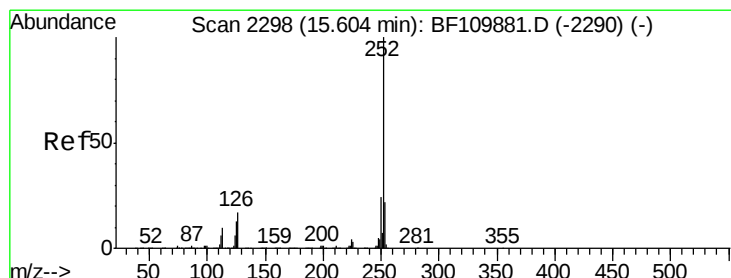
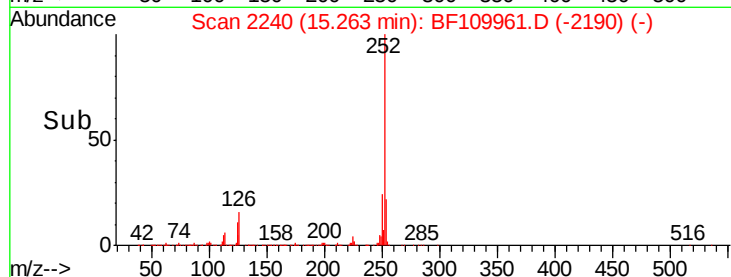
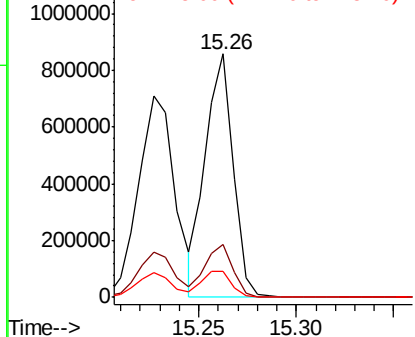


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 37.109 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

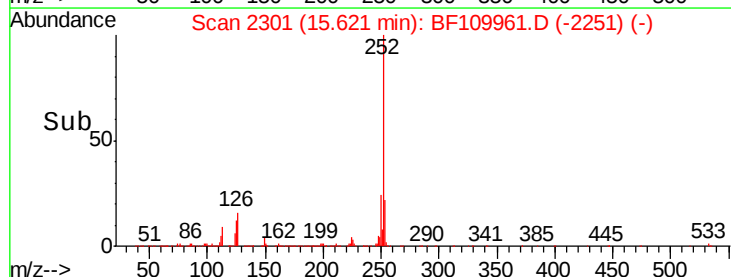
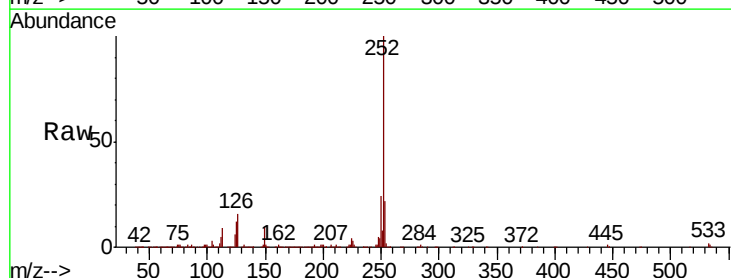
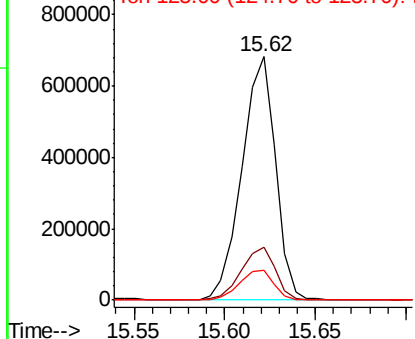
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	12.1	9.0	13.6

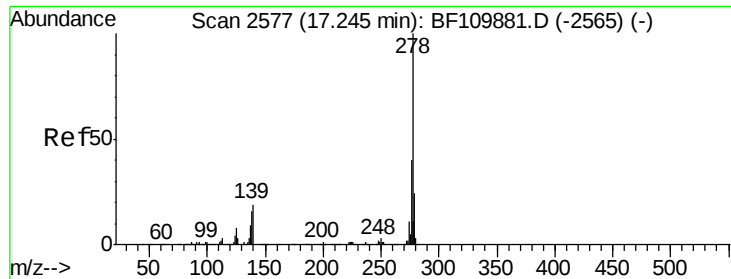
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





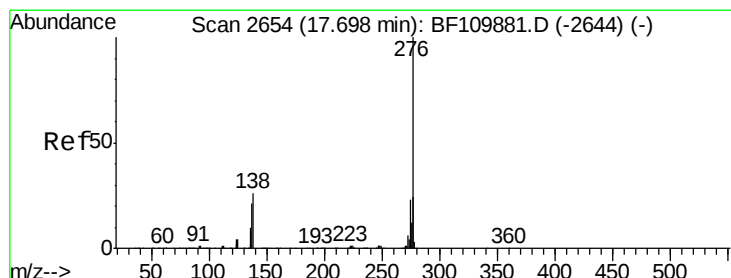
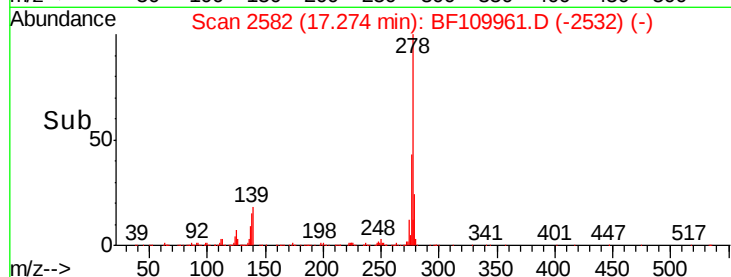
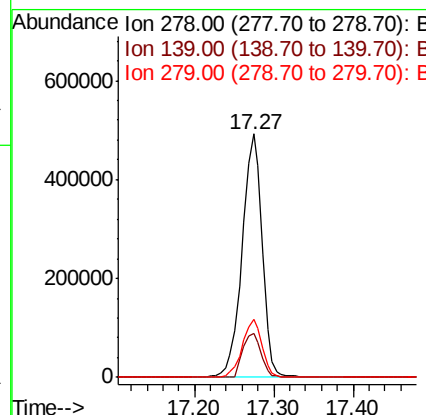
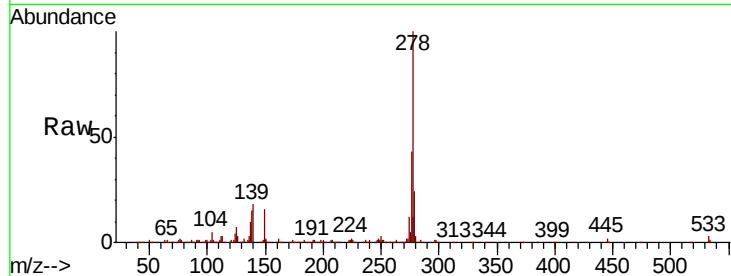
#91
Dibenzo(a,h)anthracene
Concen: 41.094 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Instrument :
BNA_F
ClientSampleId :
SSSI-1015-S-DH-27MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.7	19.1
279	23.9	19.0	28.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 39.341 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF109961.D
Acq: 18 Oct 2018 15:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	25.8	16.0	24.0#

