

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101086.D
 Acq On : 4 Dec 2017 9:57
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:23:28 PM

Quant Time: Dec 04 15:16:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	49449	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	205898	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	100394	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	199520	20.00	ng	0.00
75) Chrysene-d12	14.02	240	172399	20.00	ng	0.00
86) Perylene-d12	15.49	264	160781	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	239462	80.02	ng	0.00
7) Phenol-d6	6.48	99	297595	81.91	ng	0.00
23) Nitrobenzene-d5	7.42	82	275285	79.76	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	95521	79.20	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	598903	81.62	ng	0.00
78) Terphenyl-d14	12.96	244	630303	79.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	48538	39.22	ng	98
3) Pyridine	3.37	79	120106	37.44	ng	93
4) n-Nitrosodimethylamine	3.33	42	67988	43.39	ng	# 89
6) Aniline	6.52	93	192738	40.80	ng	99
8) 2-Chlorophenol	6.63	128	132955	40.75	ng	96
9) Benzaldehyde	6.40	77	85060	38.25	ng	98
10) Phenol	6.49	94	165033	40.85	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	122435	40.41	ng	99
12) 1,3-Dichlorobenzene	6.79	146	155056	40.81	ng	97
13) 1,4-Dichlorobenzene	6.86	146	159526	40.56	ng	98
14) 1,2-Dichlorobenzene	7.02	146	150386	40.99	ng	95
15) Benzyl Alcohol	6.99	79	118538	42.24	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	169456	41.14	ng	98
17) 2-Methylphenol	7.10	107	106479	40.41	ng	98
18) Hexachloroethane	7.36	117	51472	40.73	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	101234	41.37	ng	94
20) 3+4-Methylphenols	7.26	107	142429	41.45	ng	# 73
22) Acetophenone	7.26	105	199928	40.19	ng	# 96
24) Nitrobenzene	7.43	77	135675	40.11	ng	100
25) Isophorone	7.67	82	235054	39.87	ng	99
26) 2-Nitrophenol	7.75	139	75164	40.48	ng	89
27) 2,4-Dimethylphenol	7.78	122	107896	40.16	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	157743	39.81	ng	98
29) 2,4-Dichlorophenol	7.99	162	117460	40.17	ng	95
30) 1,2,4-Trichlorobenzene	8.07	180	130321	40.53	ng	95
31) Naphthalene	8.16	128	403100	39.72	ng	99
32) Benzoic acid	7.92	122	84015m	40.21	ng	
33) 4-Chloroaniline	8.20	127	164469	40.34	ng	99
34) Hexachlorobutadiene	8.26	225	78493	39.80	ng	99
35) Caprolactam	8.59	113	34798	38.19	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	121709	40.18	ng	94
37) 2-Methylnaphthalene	8.85	142	274258	39.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	150850	41.36	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	40932	35.82	ng	97

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 SSTDC0040

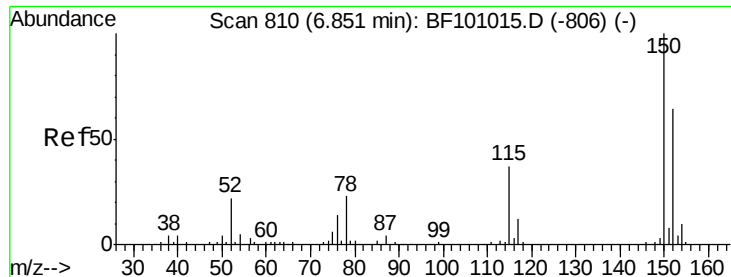
Manual Integrations
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 12/5/2017 3:23:28 PM

Quant Time: Dec 04 15:16:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	87739	41.04	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	94945	41.54	ng	95
45) 1,1'-Biphenyl	9.31	154	371508	40.39	ng	97
46) 2-Chloronaphthalene	9.33	162	262677	40.21	ng	98
47) 2-Nitroaniline	9.43	65	76686	39.68	ng	97
48) Acenaphthylene	9.75	152	427383	39.81	ng	99
49) Dimethylphthalate	9.61	163	318885	39.39	ng	98
50) 2,6-Dinitrotoluene	9.67	165	68156	39.97	ng	96
51) Acenaphthene	9.92	154	254754	39.63	ng	99
52) 3-Nitroaniline	9.85	138	75344	39.29	ng	99
53) 2,4-Dinitrophenol	9.96	184	29893	36.86	ng	# 16
54) Dibenzofuran	10.09	168	370358	39.98	ng	99
55) 4-Nitrophenol	10.01	139	49430	38.22	ng	88
56) 2,4-Dinitrotoluene	10.08	165	89162	39.01	ng	# 97
57) Fluorene	10.44	166	297259	39.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	74705	40.82	ng	# 85
59) Diethylphthalate	10.30	149	316383	39.62	ng	97
60) 4-Chlorophenyl-phenylether	10.43	204	150048	40.36	ng	90
61) 4-Nitroaniline	10.46	138	74893	37.62	ng	94
62) Azobenzene	10.59	77	263133	38.83	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	52337	39.11	ng	88
65) n-Nitrosodiphenylamine	10.55	169	279837	39.76	ng	97
66) 4-Bromophenyl-phenylether	10.92	248	91241	40.86	ng	# 89
67) Hexachlorobenzene	10.99	284	97491	40.73	ng	# 85
68) Atrazine	11.07	200	85988	39.82	ng	96
69) Pentachlorophenol	11.18	266	52544	39.93	ng	98
70) Phenanthrene	11.40	178	434268	39.52	ng	98
71) Anthracene	11.45	178	437573	39.35	ng	99
72) Carbazole	11.61	167	394258	38.80	ng	98
73) Di-n-butylphthalate	11.93	149	497981	39.10	ng	98
74) Fluoranthene	12.59	202	460172	37.78	ng	94
76) Benzidine	12.71	184	235518	42.01	ng	99
77) Pyrene	12.82	202	472374	39.71	ng	98
79) Butylbenzylphthalate	13.43	149	208520	39.76	ng	94
80) Benzo(a)anthracene	14.01	228	429444	39.45	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	146795	38.94	ng	# 96
82) Chrysene	14.05	228	398611	39.43	ng	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	299552	40.06	ng	98
84) Di-n-octyl phthalate	14.60	149	495647	39.81	ng	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	360408	40.10	ng	# 92
87) Benzo(b)fluoranthene	15.06	252	387631	40.25	ng	# 97
88) Benzo(k)fluoranthene	15.09	252	363852	38.35	ng	# 95
89) Benzo(a)pyrene	15.43	252	344000	39.29	ng	98
90) Dibenzo(a,h)anthracene	16.99	278	304873	39.50	ng	96
91) Benzo(g,h,i)perylene	17.43	276	293613	40.36	ng	# 90

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



#1

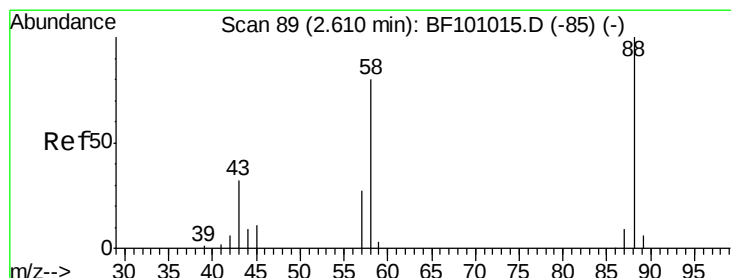
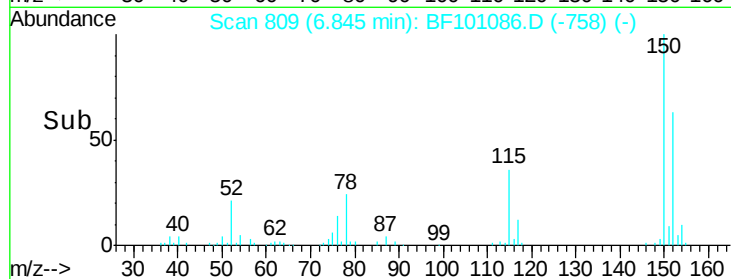
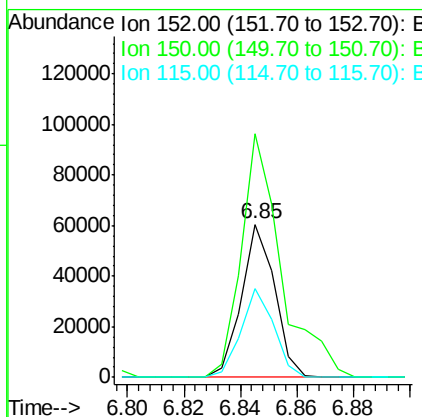
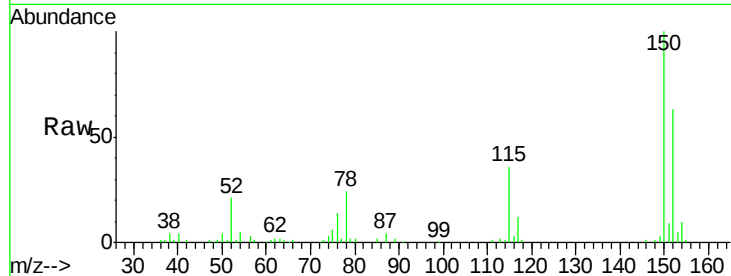
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	57.9	50.1	75.1

Manual Integrations
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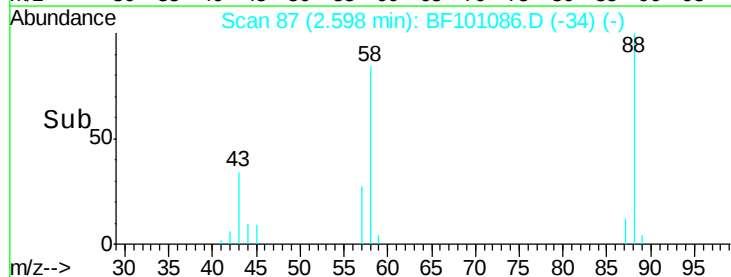
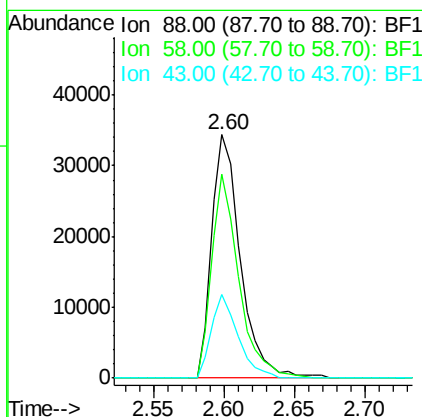
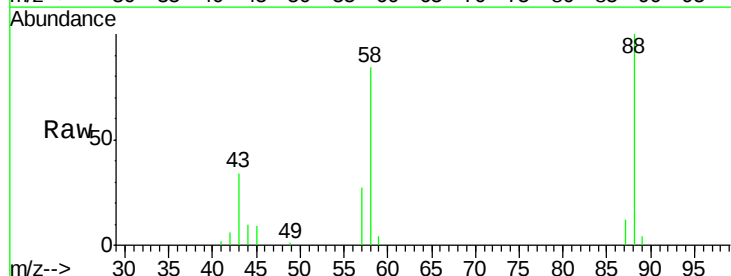
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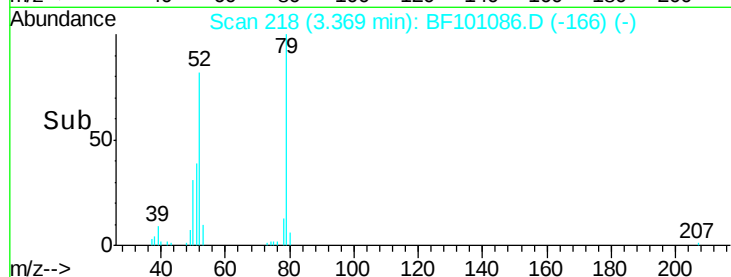
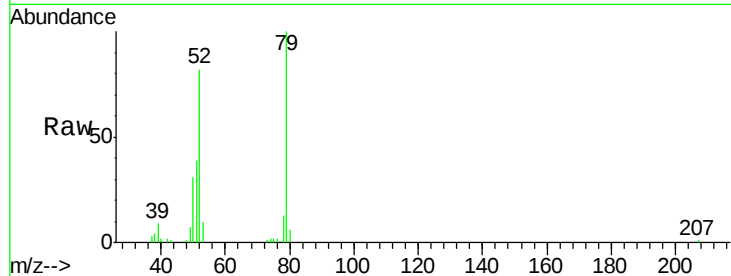
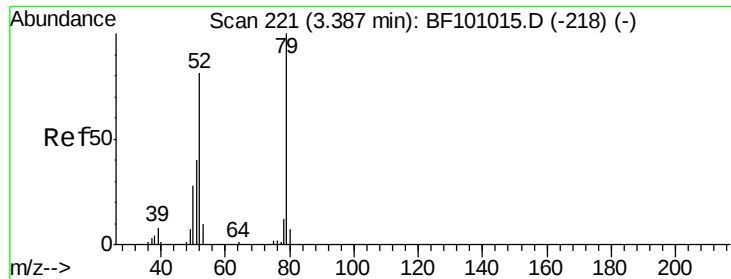


#2

1,4-Dioxane
Concen: 39.22 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.01 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.4	62.6	93.8
43	31.8	24.6	37.0





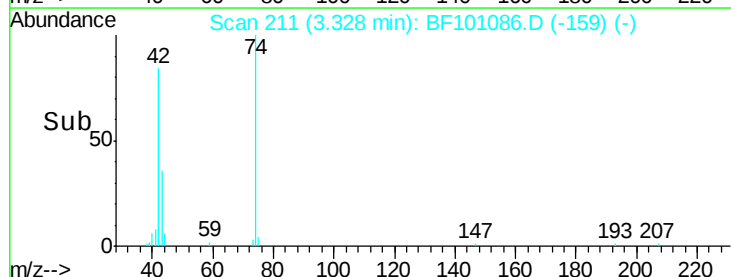
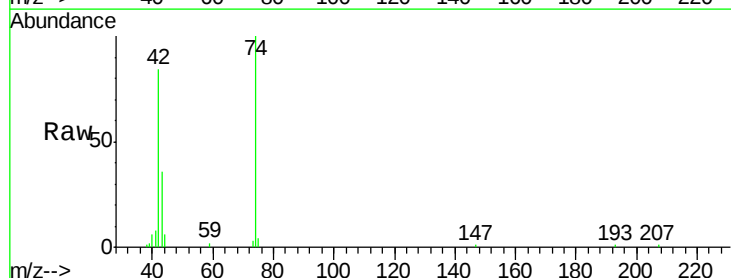
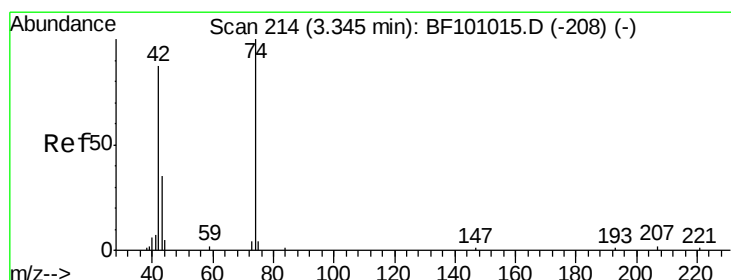
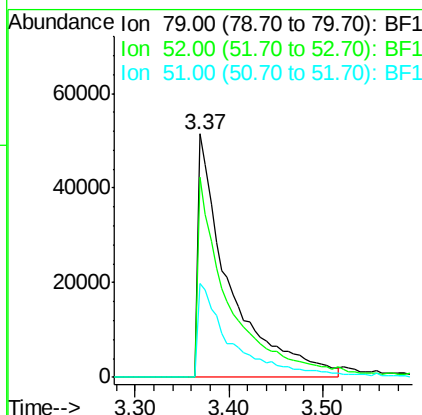
#3
 Pvridine
 Concen: 37.44 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.01 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.0	59.8	89.6
51	38.7	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

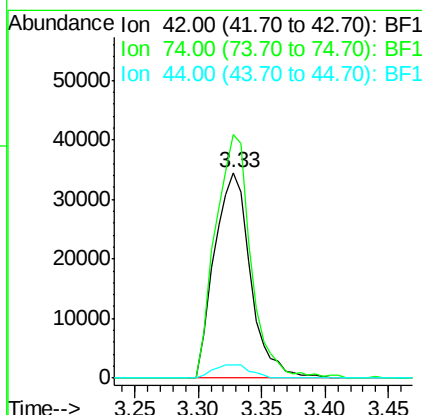
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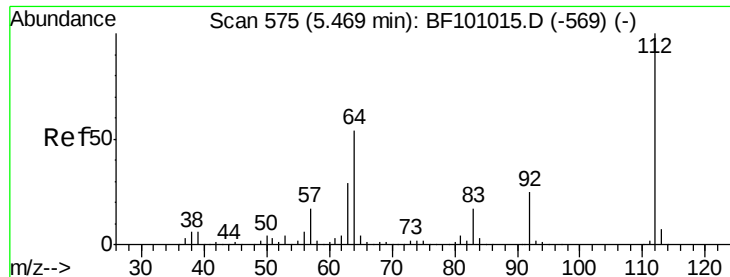
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#4
 n-Nitrosodimethylamine
 Concen: 43.39 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.01 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.4	104.9	157.3
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 80.02 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

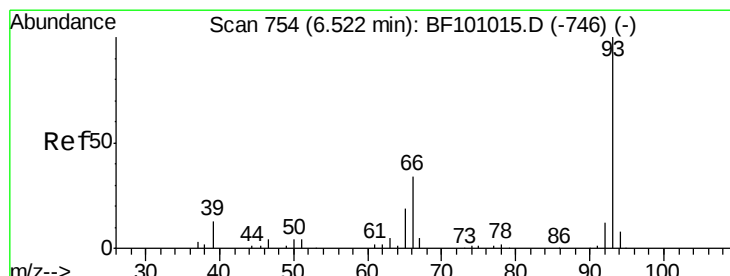
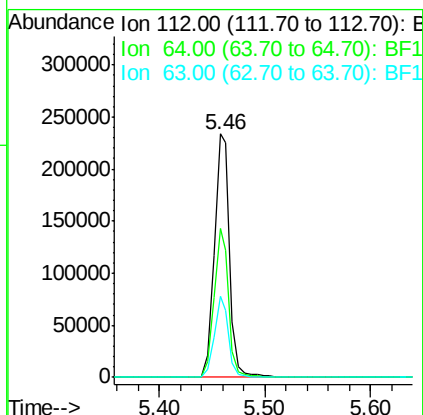
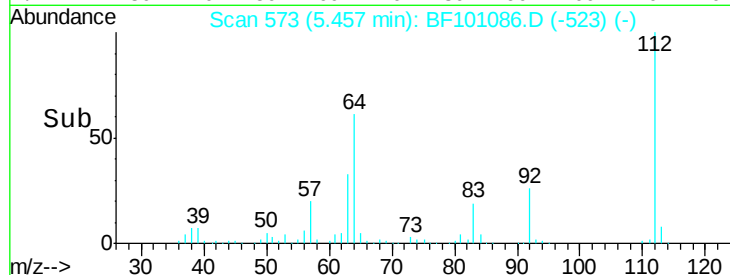
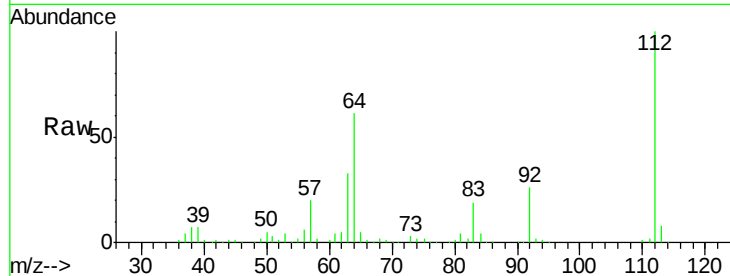
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	239462
Ion Ratio	Lower	Upper	
112	100		
64	61.3	47.9	71.9
63	33.3	23.7	35.5

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#6

Aniline

Concen: 40.80 ng

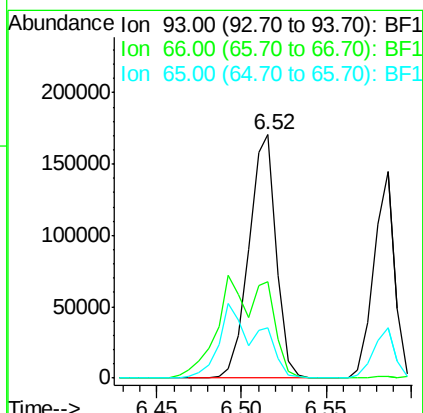
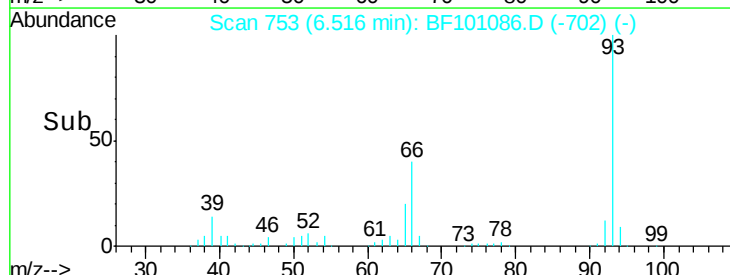
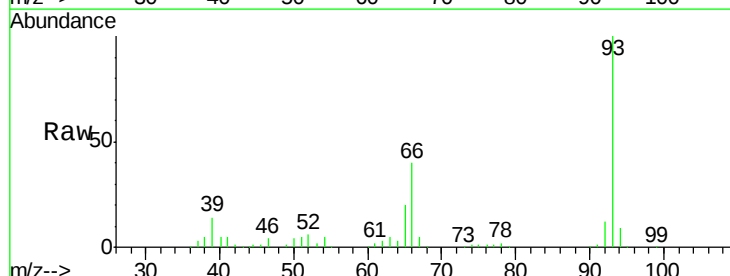
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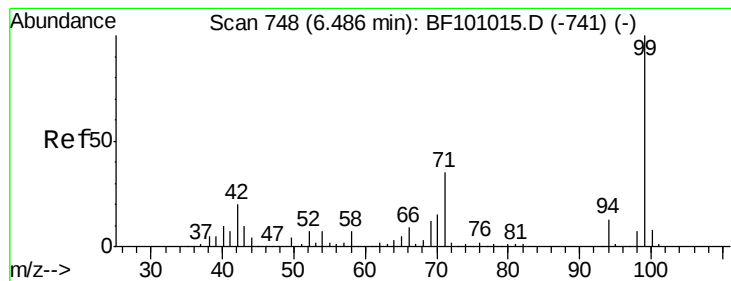
Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:	93	Resp:	192738
Ion Ratio	Lower	Upper	
93	100		
66	39.7	32.2	48.2
65	20.4	16.4	24.6





#7

Phenol-d6

Concen: 81.91 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

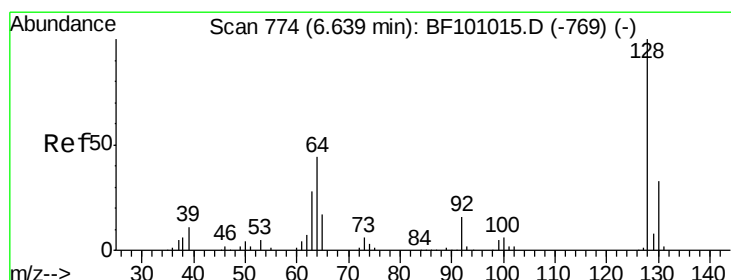
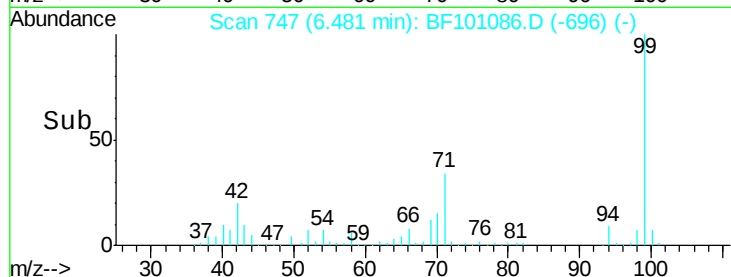
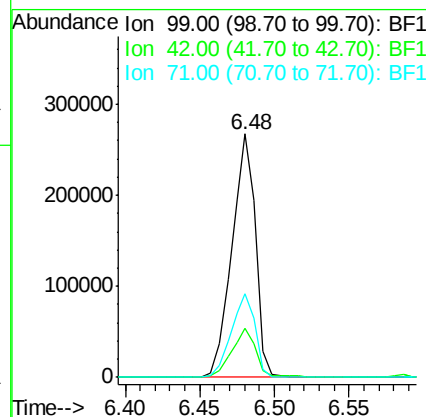
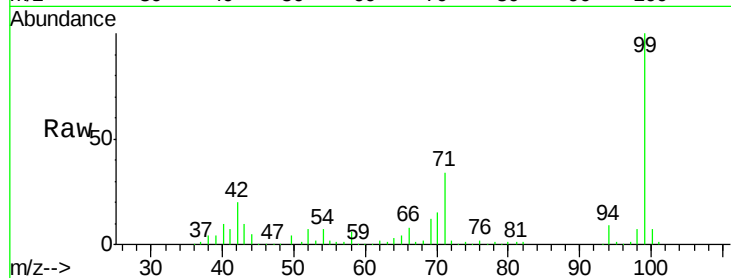
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	297595
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.5	21.7
71	34.3	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.75 ng

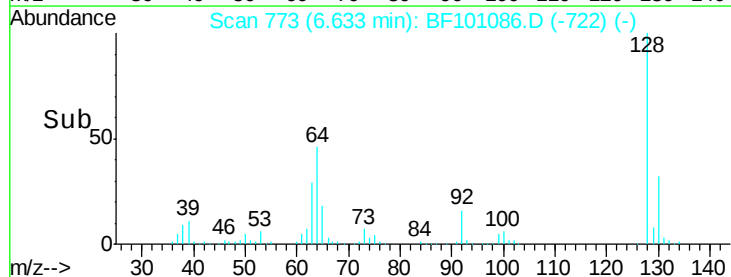
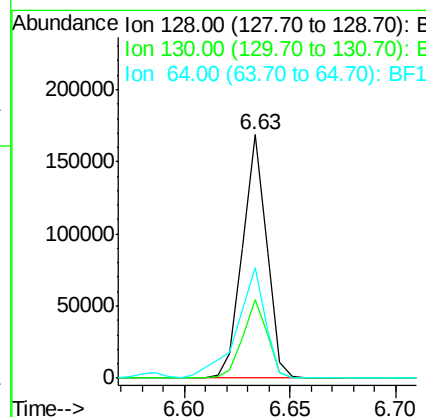
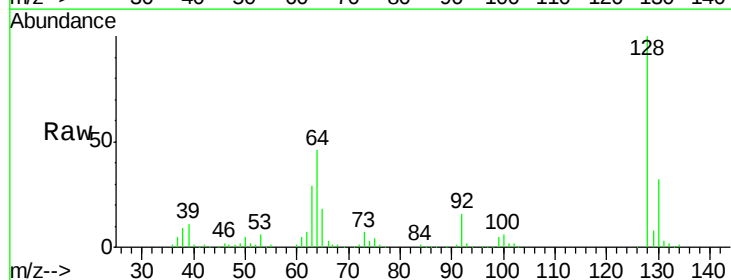
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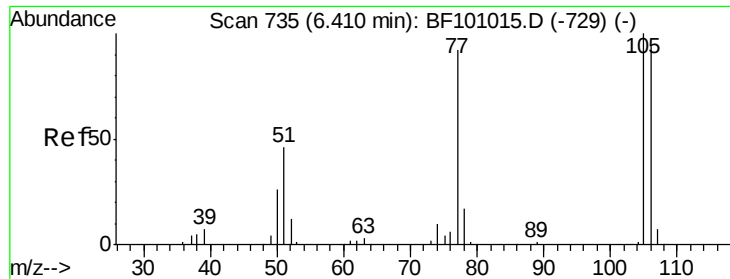
Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:	128	Resp:	132955
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.0	53.0
64	45.6	29.4	69.4





#9

Benzaldehyde

Concen: 38.25 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

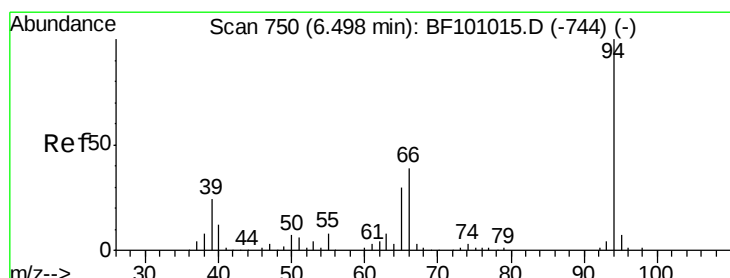
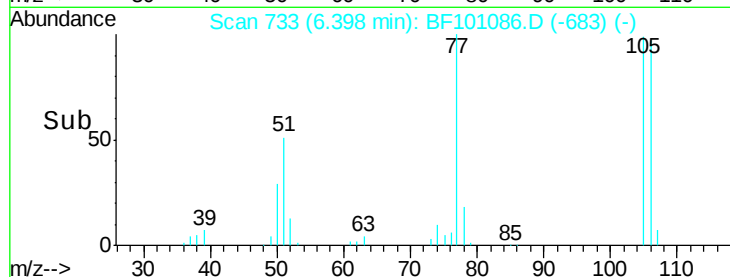
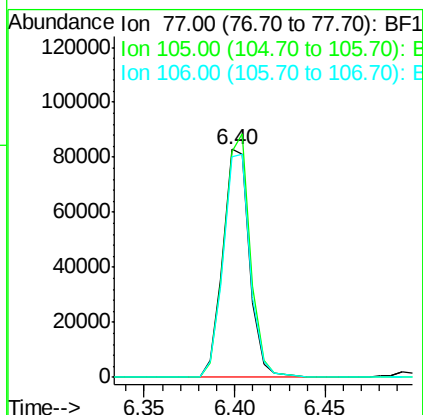
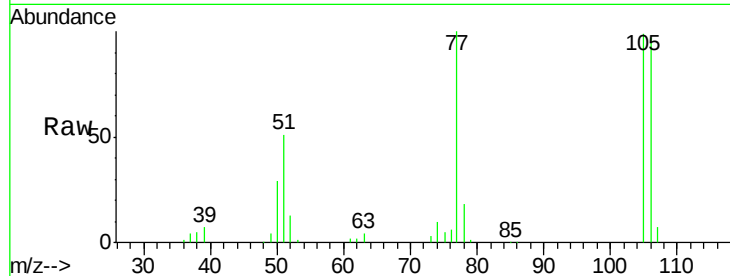
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	85060
Ion	Ratio	Lower	Upper
77	100		
105	99.2	81.1	121.1
106	97.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 40.85 ng

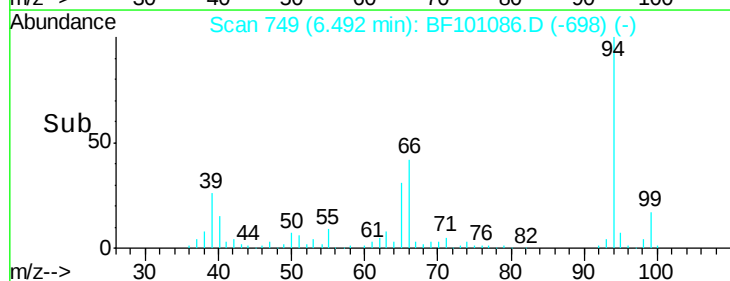
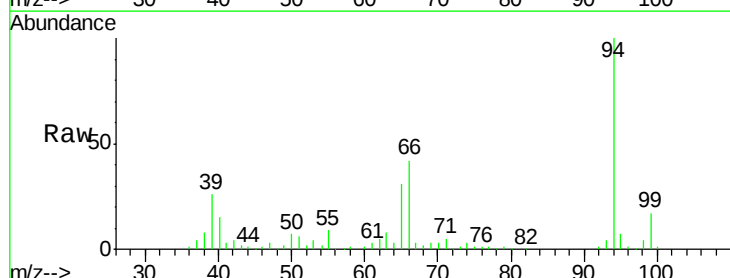
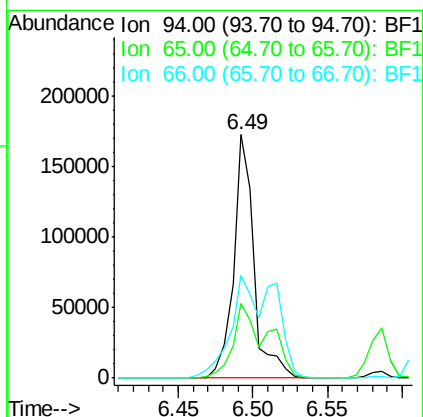
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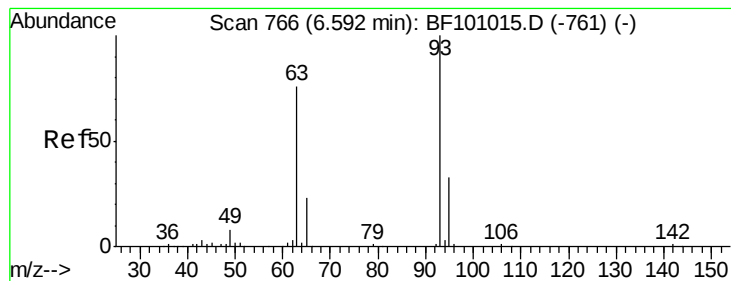
Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:	94	Resp:	165033
Ion	Ratio	Lower	Upper
94	100		
65	30.5	7.9	47.9
66	42.0	16.2	56.2





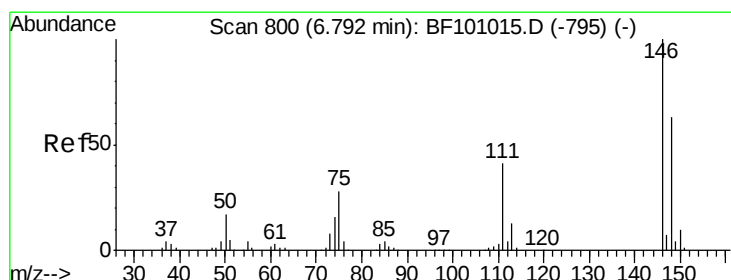
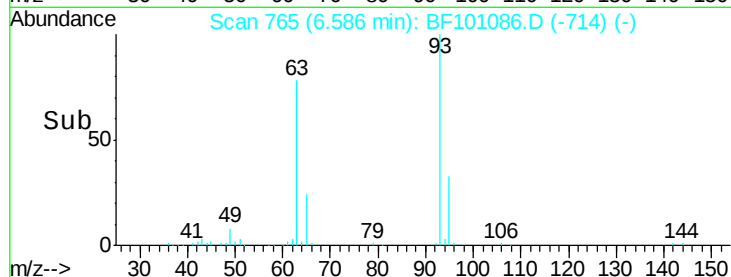
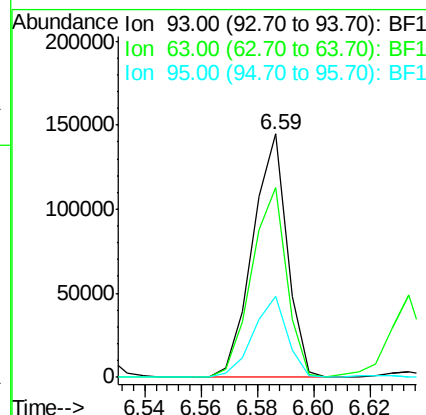
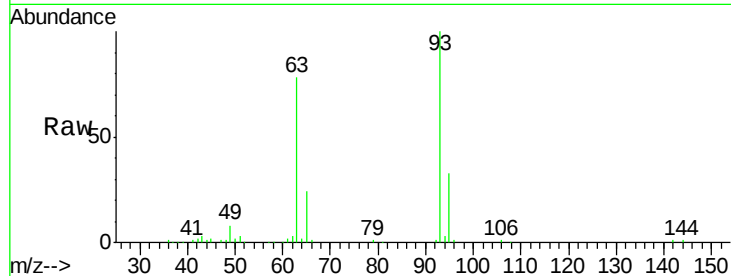
#11
bis(2-Chloroethyl)ether
Concen: 40.41 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	122435
Ion Ratio	Lower	Upper	
93	100		
63	78.0	58.6	98.6
95	33.4	11.8	51.8

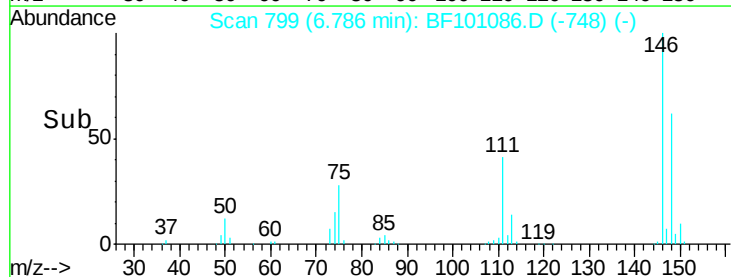
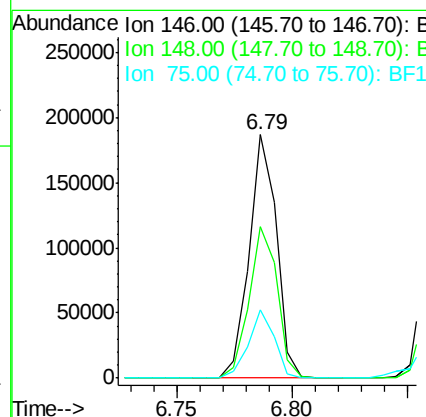
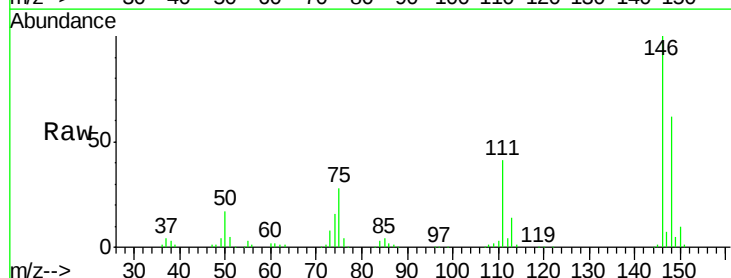
Manual Integrations
APPROVED

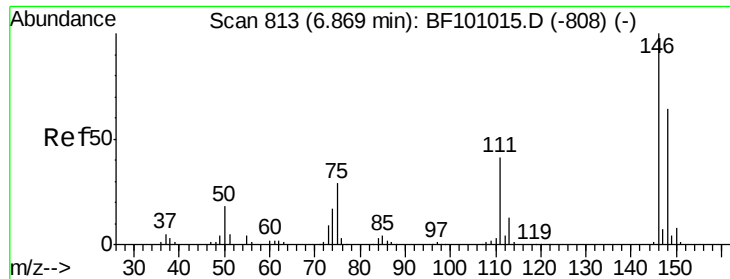
Sohil
12/5/2017 3:23:28 PM



#12
1,3-Dichlorobenzene
Concen: 40.81 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:	146	Resp:	155056
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.8	77.8
75	28.2	24.2	36.4





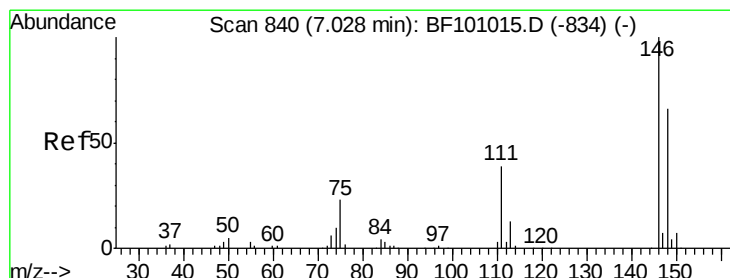
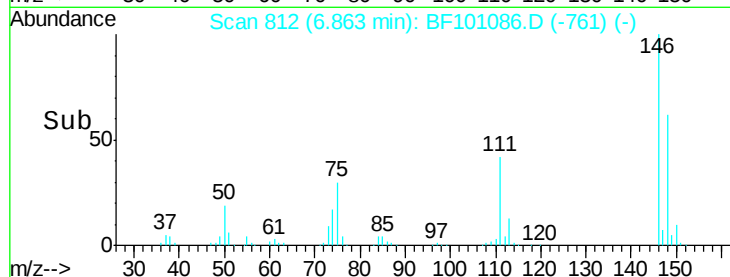
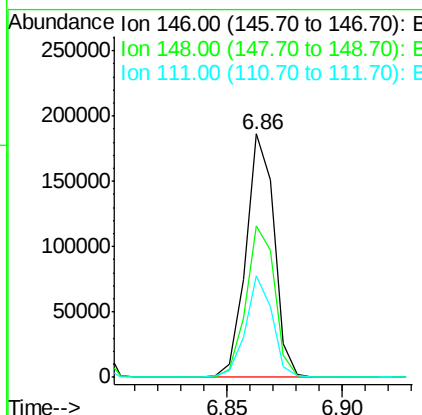
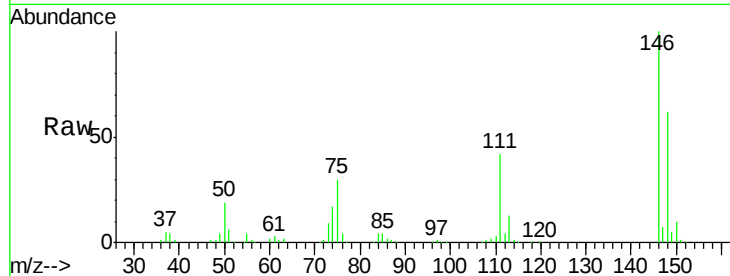
#13
1,4-Dichlorobenzene
Concen: 40.56 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.8	76.2
111	41.7	34.2	51.2

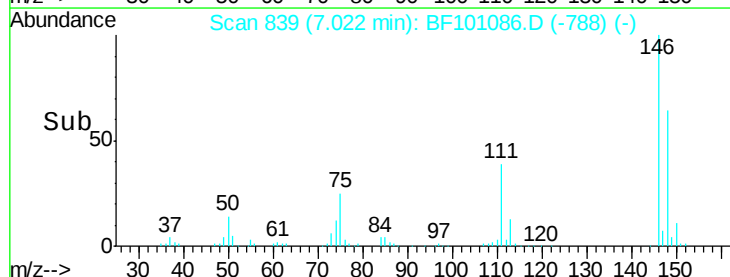
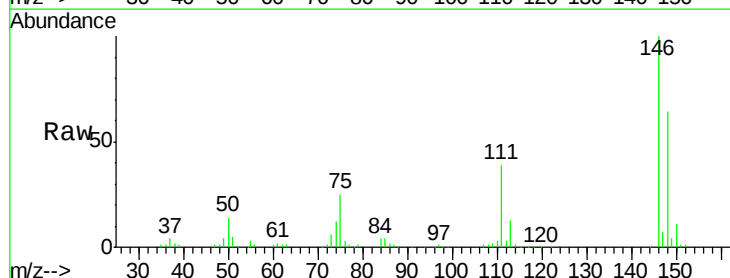
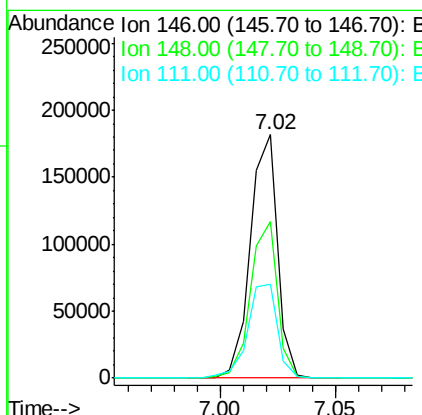
Manual Integrations
APPROVED

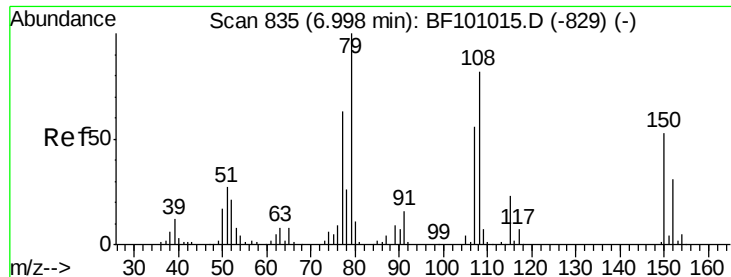
Sohil
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#14
1,2-Dichlorobenzene
Concen: 40.99 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	38.6	36.0	54.0





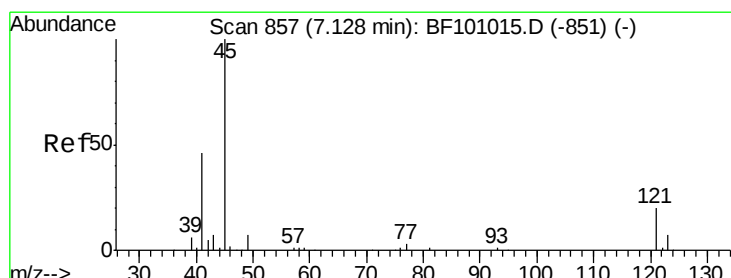
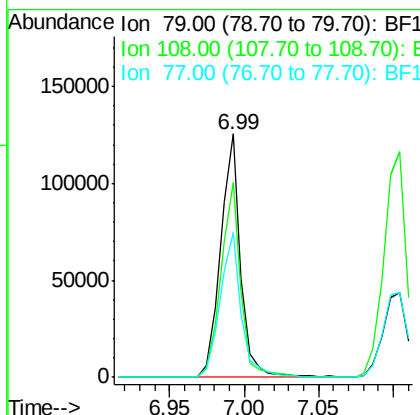
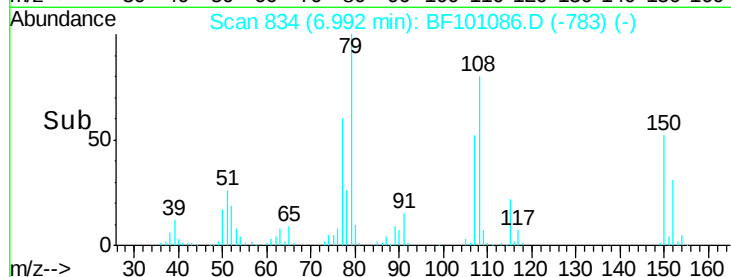
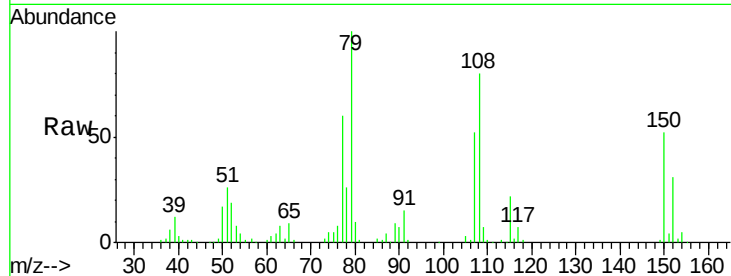
#15
Benzyl Alcohol
Concen: 42.24 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	65.1	97.7
77	59.7	50.6	75.8

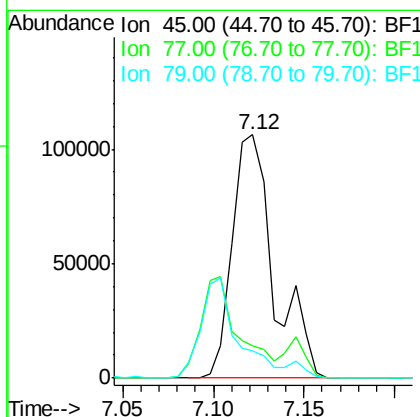
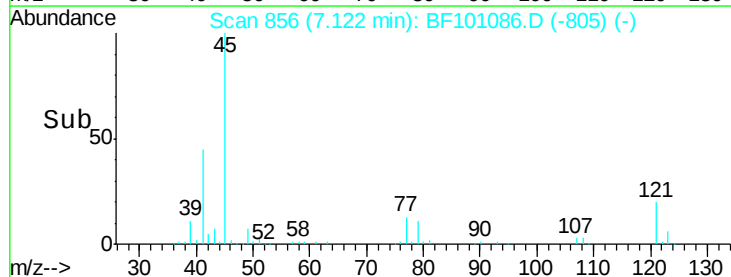
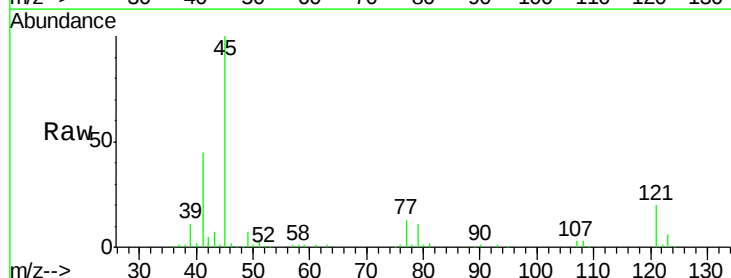
Manual Integrations
APPROVED

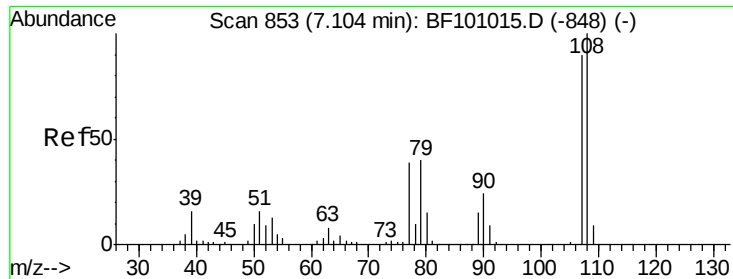
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.14 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.1	0.0	32.9
79	11.4	0.0	29.6





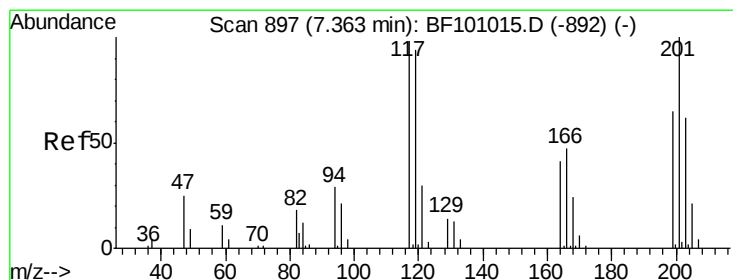
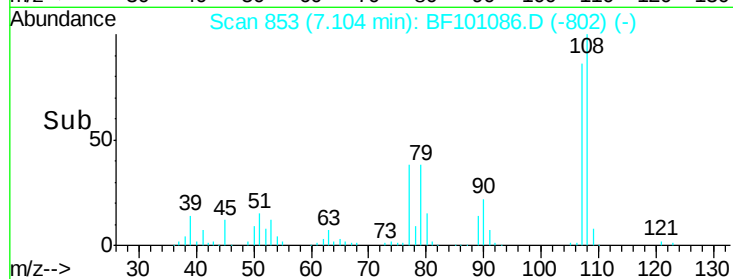
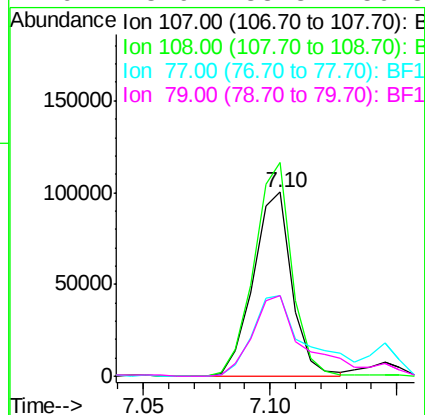
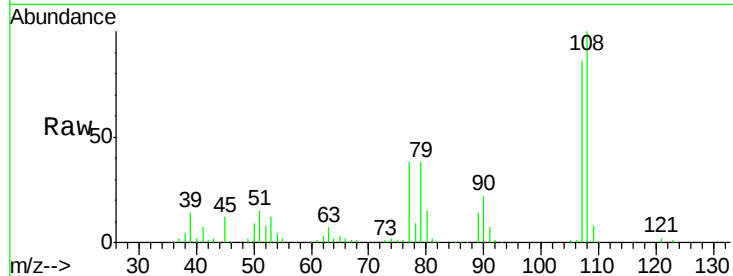
#17
2-Methylphenol
Concen: 40.41 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	106479
Ion Ratio	Lower	Upper	
107	100		
108	116.2	91.7	137.5
77	44.1	33.8	50.8
79	43.9	33.8	50.8

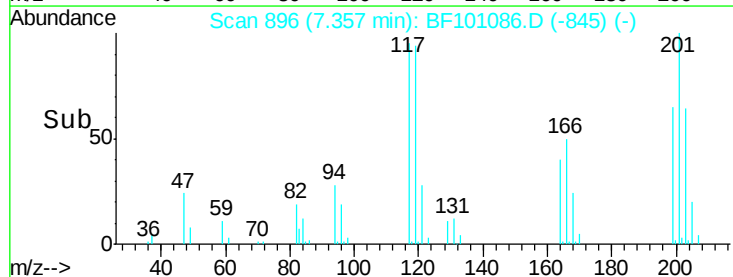
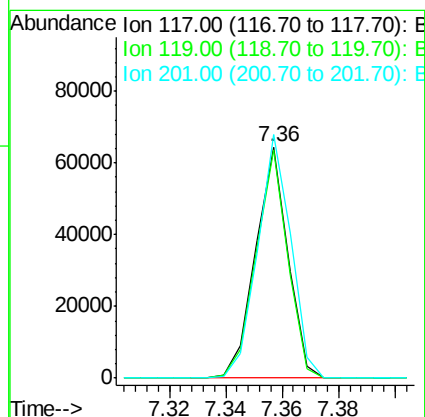
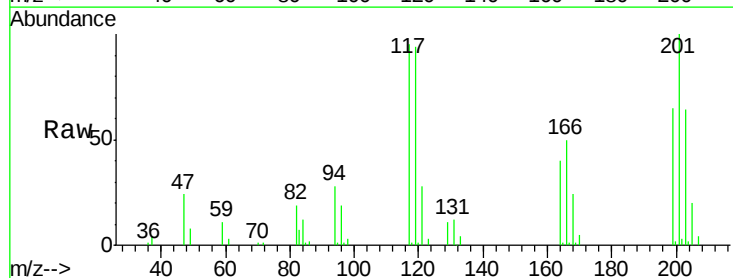
Manual Integrations
APPROVED

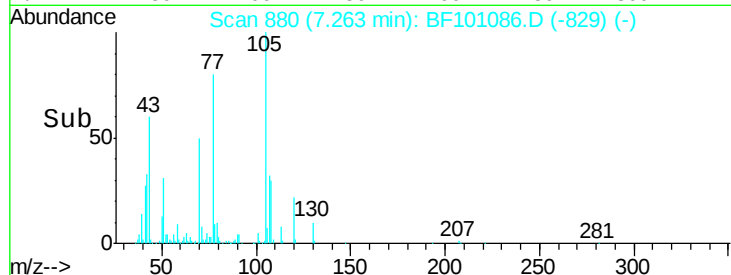
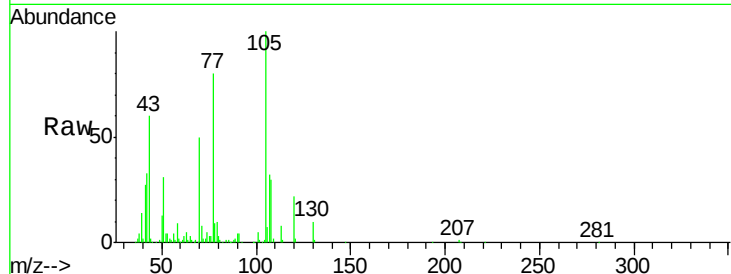
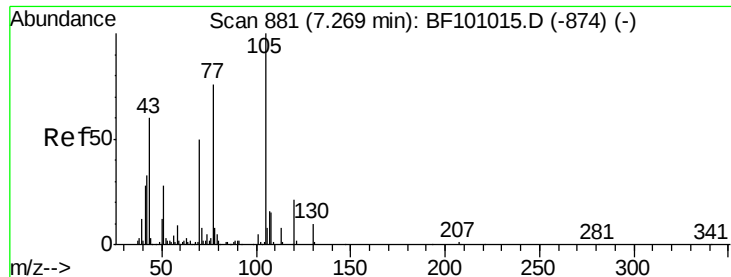
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#18
Hexachloroethane
Concen: 40.73 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:	117	Resp:	51472
Ion Ratio	Lower	Upper	
117	100		
119	98.8	75.8	113.8
201	105.5	75.7	113.5





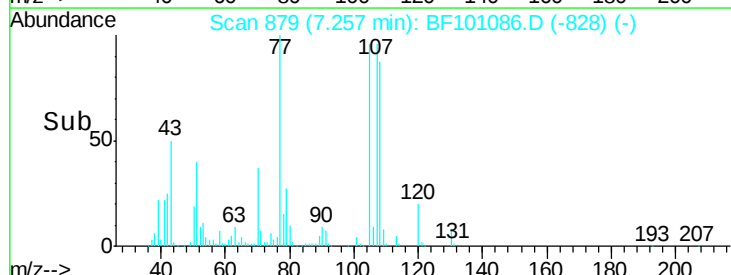
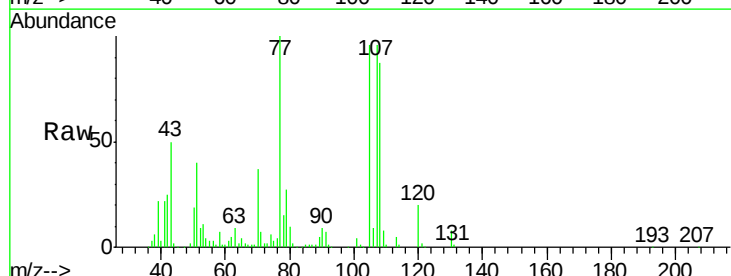
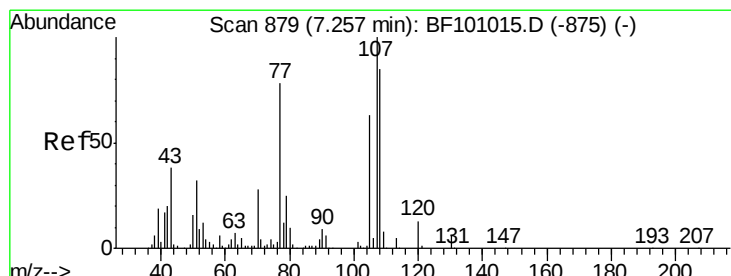
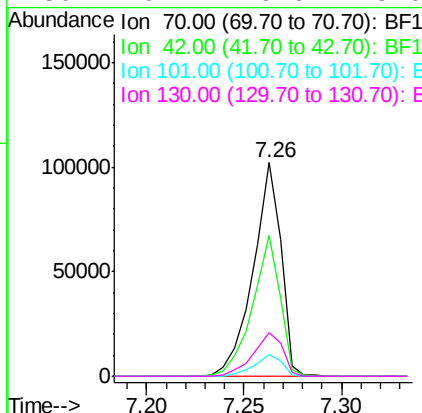
#19
n-Nitroso-di-n-propylamine
Concen: 41.37 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.9	47.5	71.3
101	10.1	7.4	11.2
130	20.4	16.6	25.0

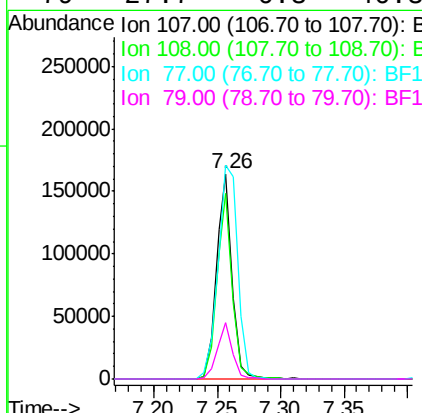
Manual Integrations
APPROVED

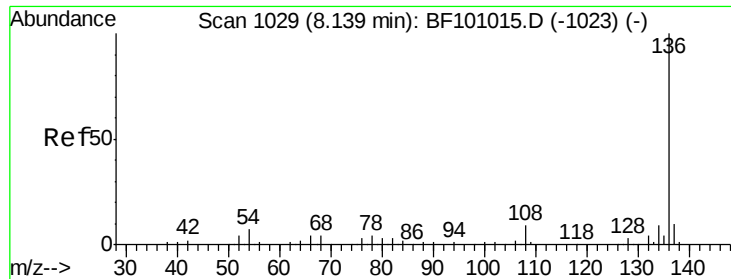
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#20
3+4-Methylphenols
Concen: 41.45 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	104.1	26.7	66.7#
79	27.7	6.3	46.3





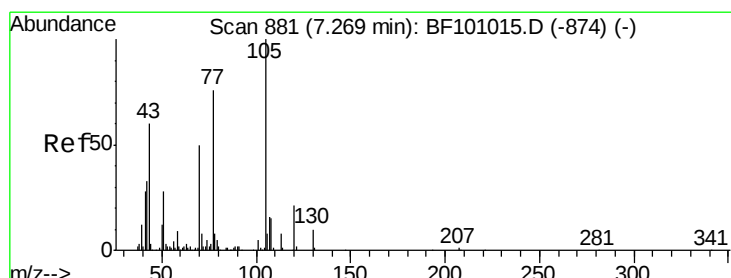
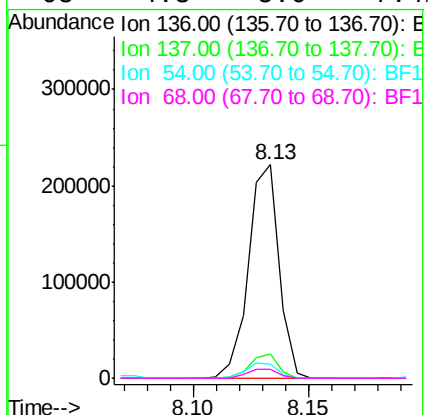
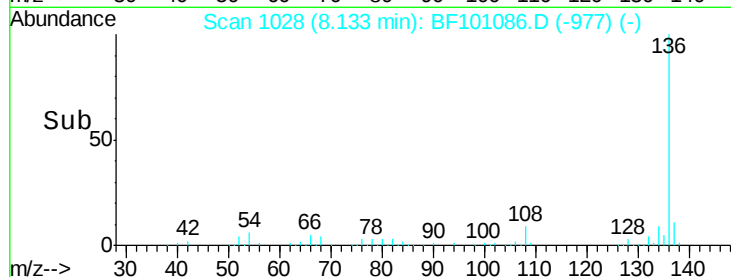
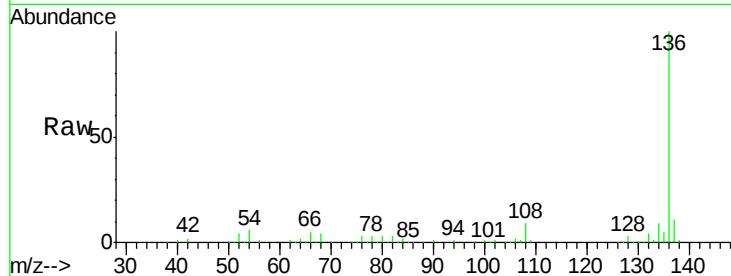
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.5	6.6	9.8#
68	4.3	5.0	7.4#

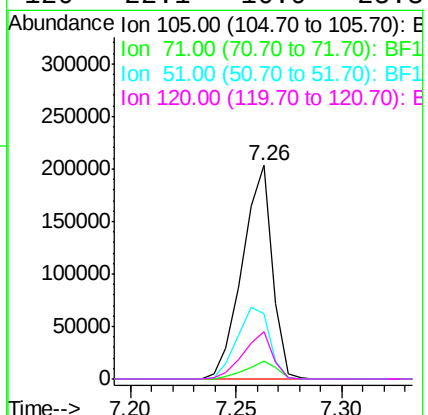
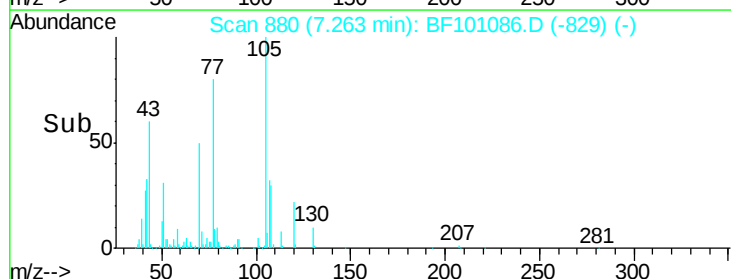
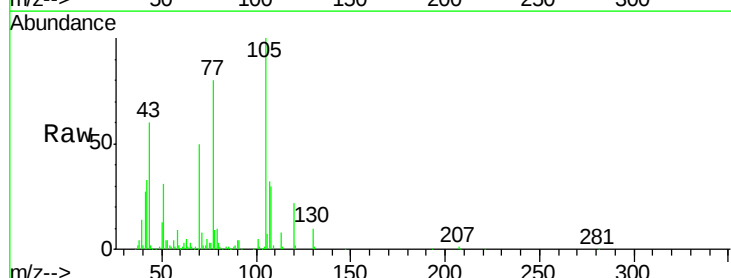
Manual Integrations
APPROVED

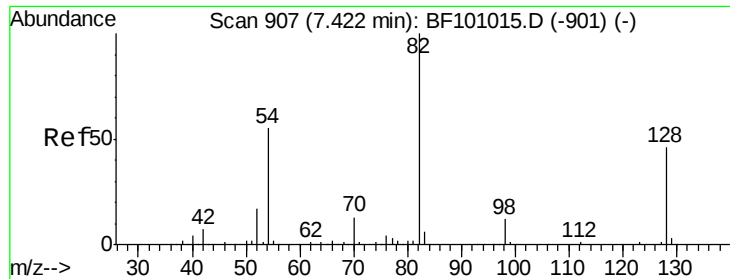
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#22
Acetophenone
Concen: 40.19 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	30.7	22.3	33.5
120	22.1	16.9	25.3





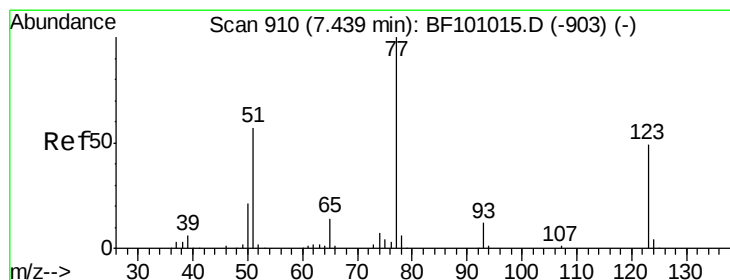
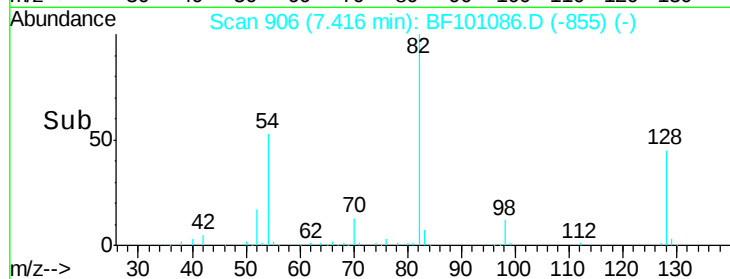
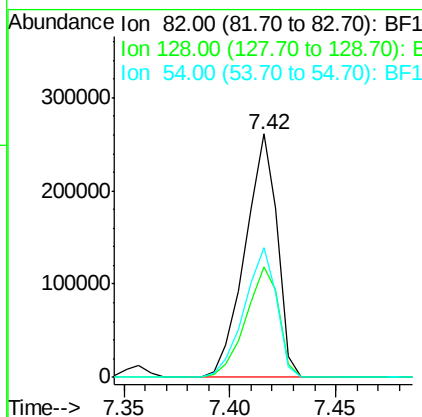
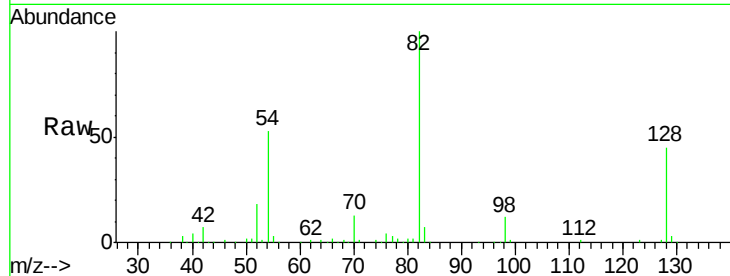
#23
 Nitrobenzene-d5
 Concen: 79.76 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	275285		
128	45.1	36.1	54.1	
54	53.1	41.4	62.2	

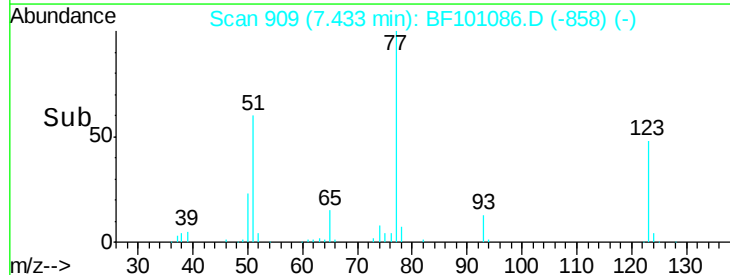
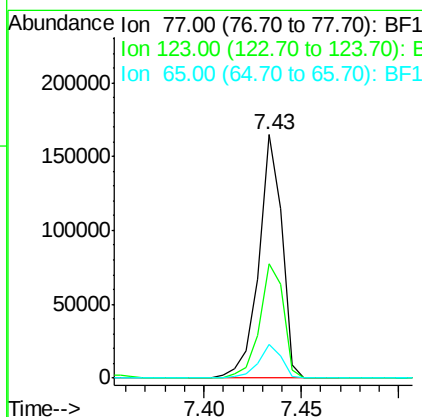
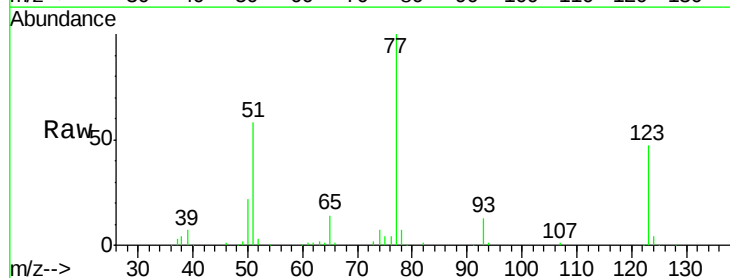
Manual Integrations
 APPROVED

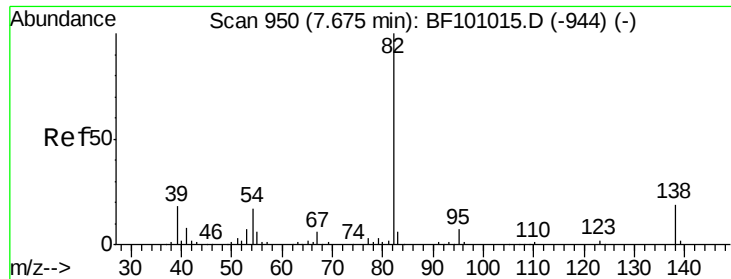
Sohil
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#24
 Nitrobenzene
 Concen: 40.11 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	135675		
123	47.1	37.9	56.9	
65	13.9	11.0	16.4	





#25

Isophorone

Concen: 39.87 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

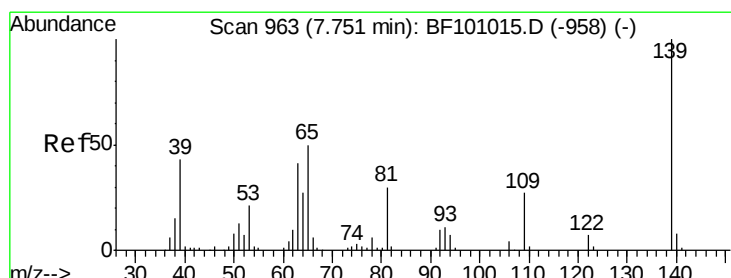
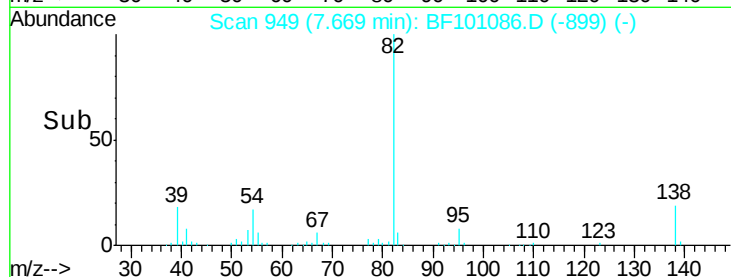
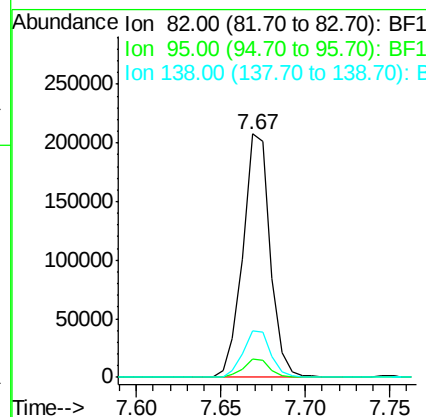
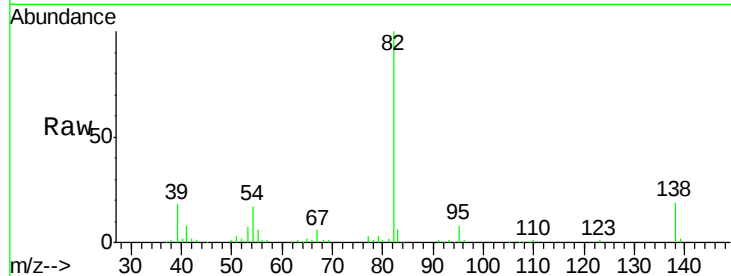
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	235054
Ion Ratio		Lower	Upper
82	100		
95	7.6	5.2	7.8
138	18.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.48 ng

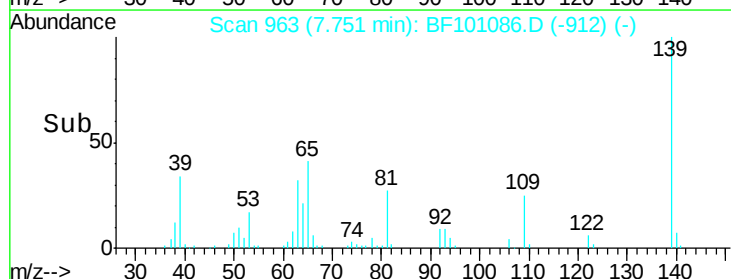
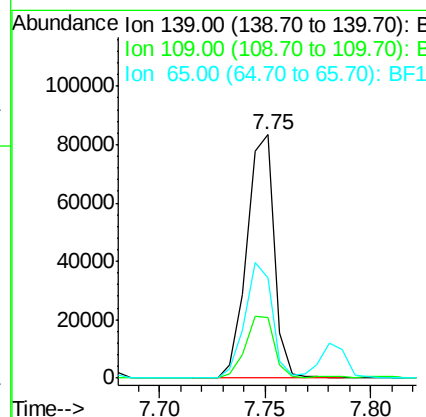
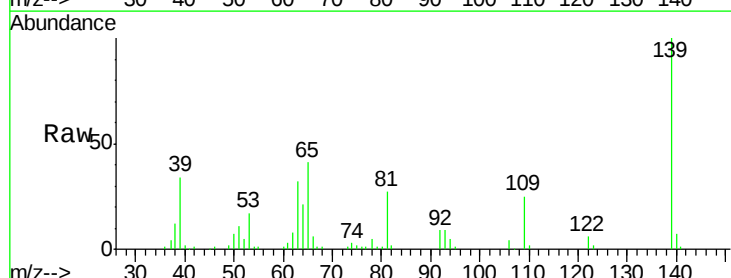
RT: 7.75 min Scan# 963

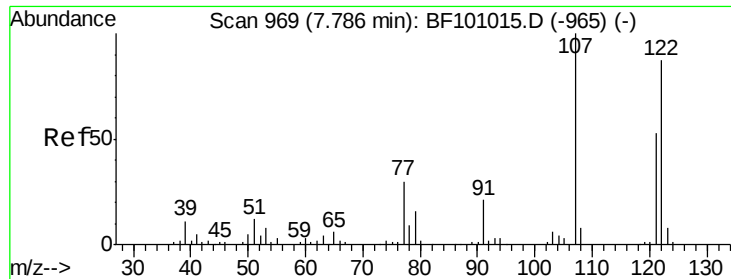
Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:	139	Resp:	75164
Ion Ratio		Lower	Upper
139	100		
109	25.1	22.7	34.1
65	41.4	40.5	60.7





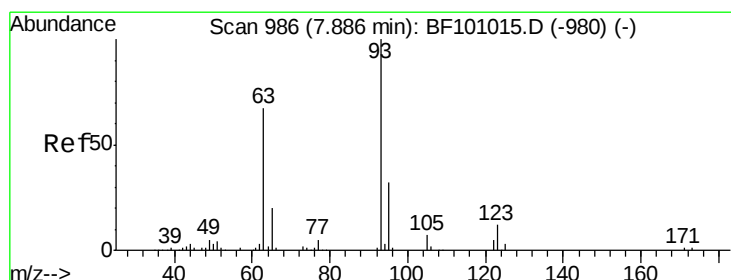
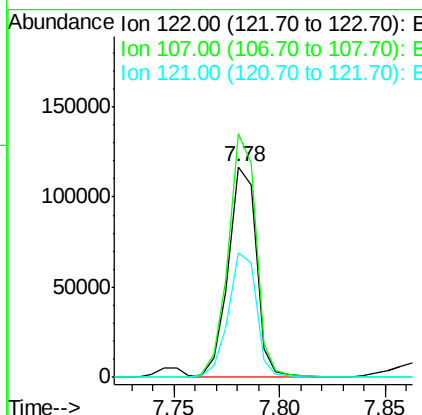
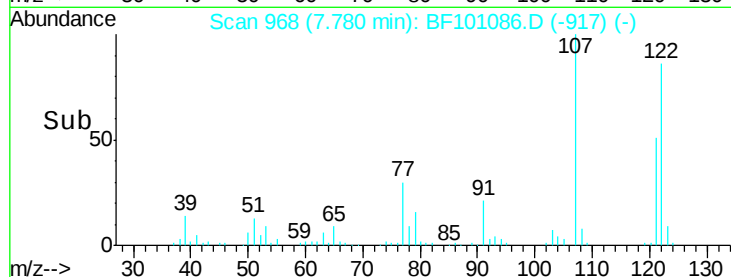
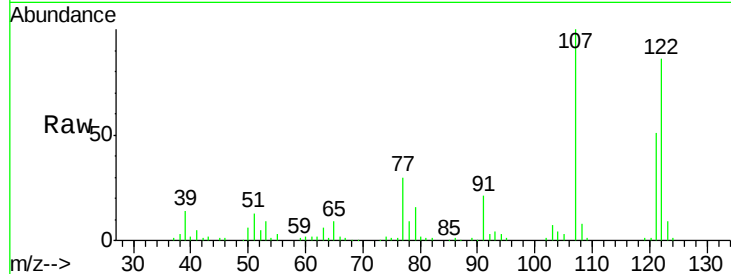
#27
 2,4-Dimethylphenol
 Concen: 40.16 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		107896		
107	115.7	91.2	136.8		
121	59.5	47.2	70.8		

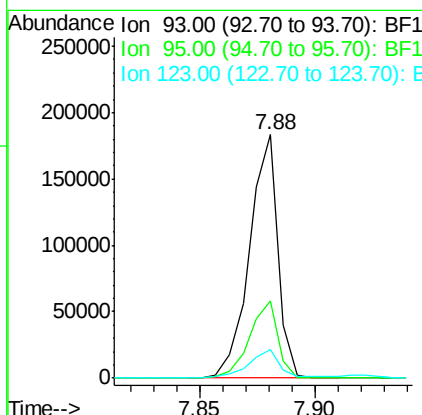
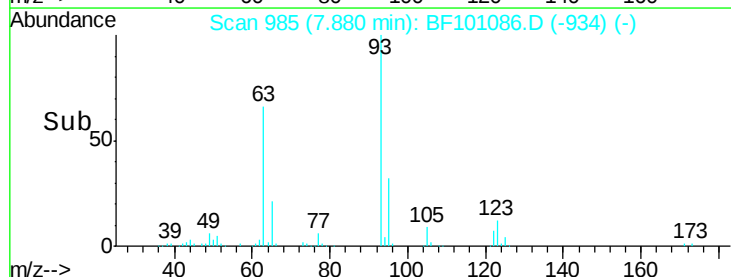
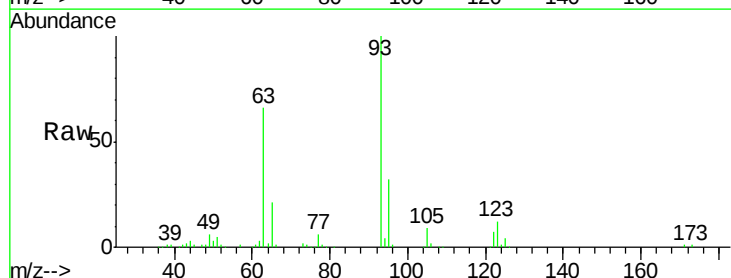
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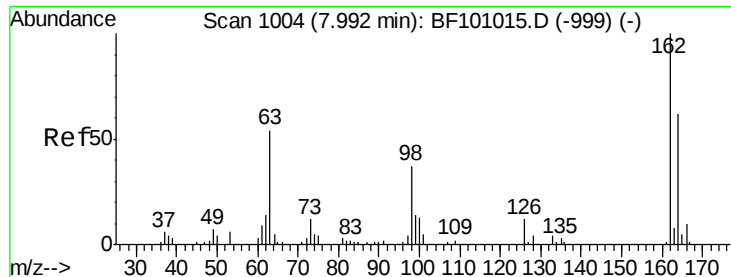
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 12/5/2017 3:23:28 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.81 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		157743		
95	31.8	26.3	39.5		
123	11.7	9.8	14.6		





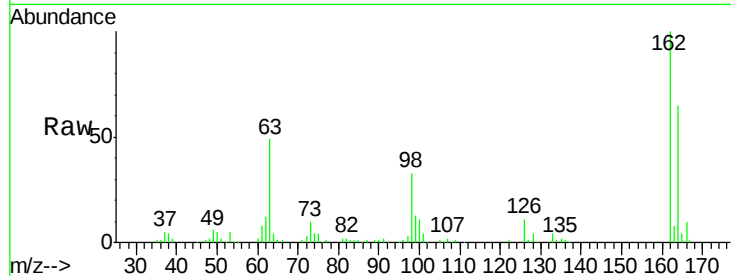
#29
2,4-Dichlorophenol
Concen: 40.17 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

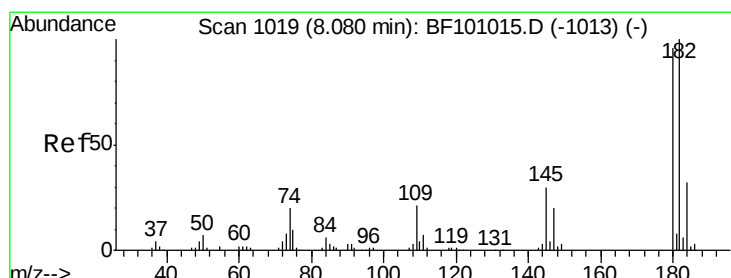
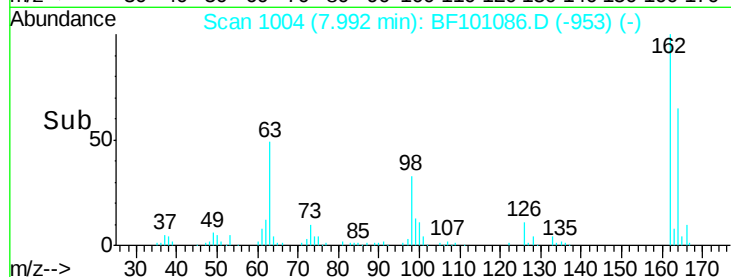
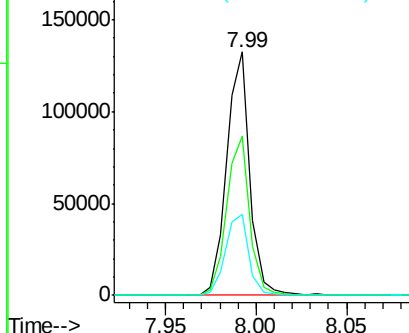
Tot Ion	Ratio	Resp	Lower	Upper
162	100	117460		
164	65.5	42.7	82.7	
98	33.3	18.1	58.1	

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12/5/2017 3:23:28 PM

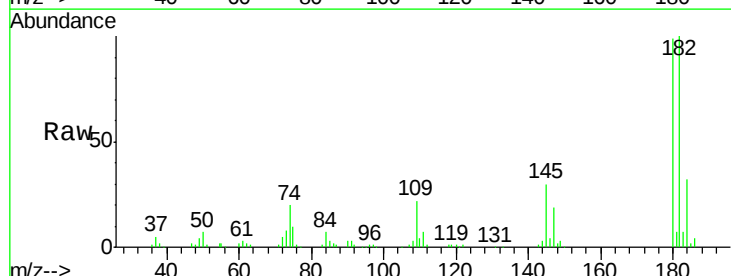


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

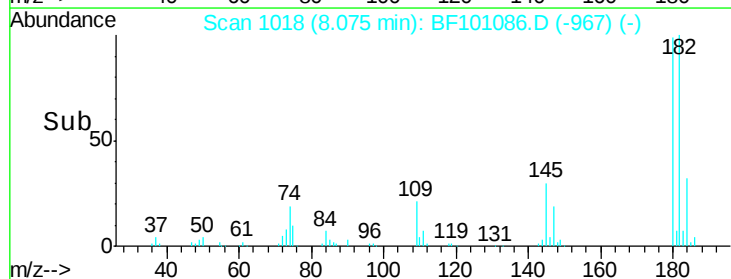
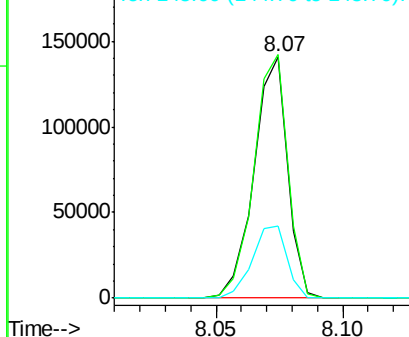


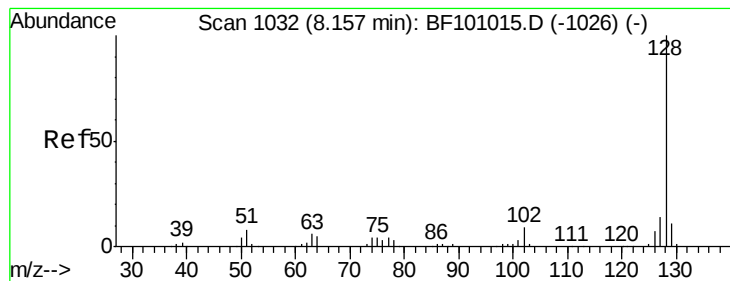
#30
1,2,4-Trichlorobenzene
Concen: 40.53 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	130321		
182	100.9	76.8	115.2	
145	29.9	26.5	39.7	



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





#31

Naphthalene

Concen: 39.72 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

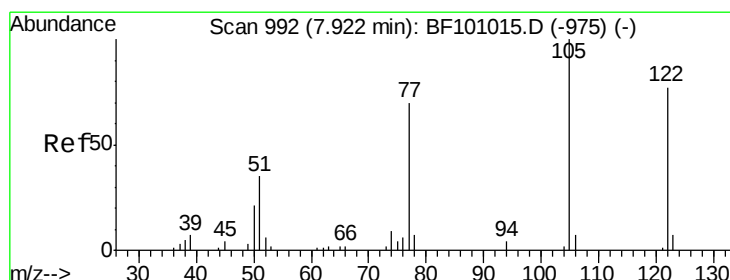
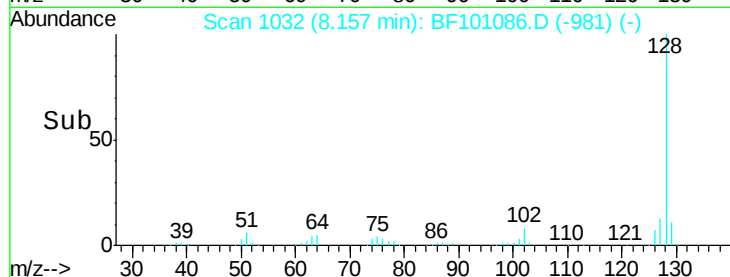
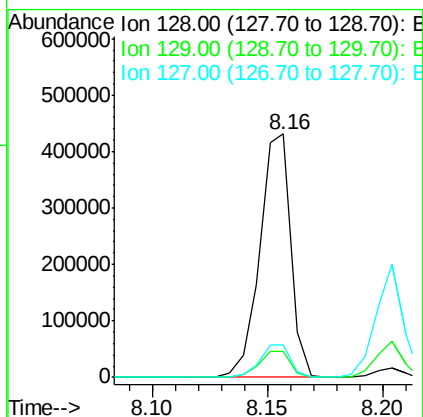
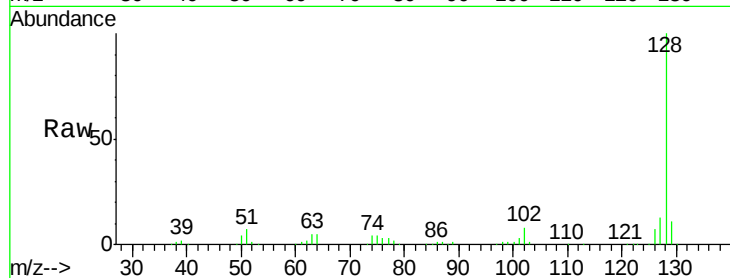
ClientSampleId :

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Tot Ion:	128	Resp:	403100
Ion Ratio		Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.2	10.9	16.3

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#32

Benzoic acid

Concen: 40.21 ng m

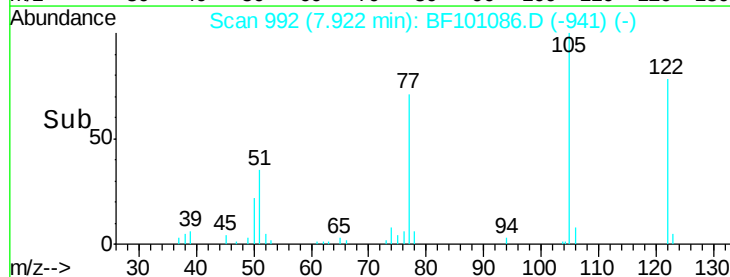
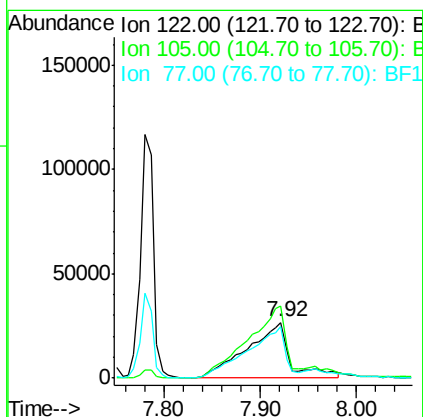
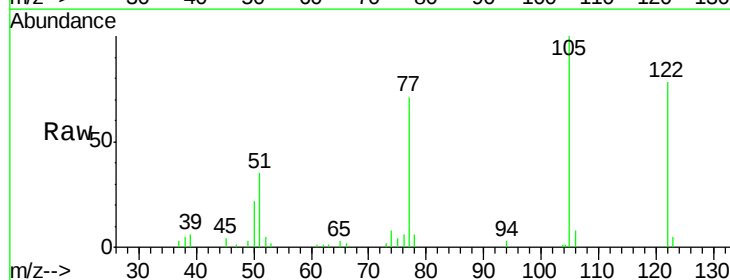
RT: 7.92 min Scan# 992

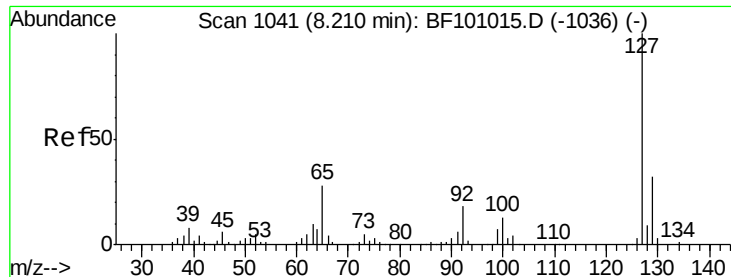
Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:	122	Resp:	84015
Ion Ratio		Lower	Upper
122	100		
105	128.3	101.1	141.1
77	91.3	70.7	110.7





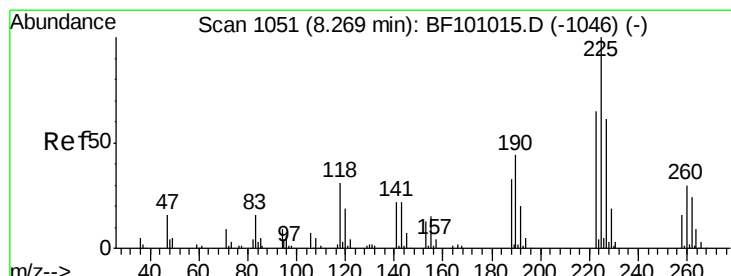
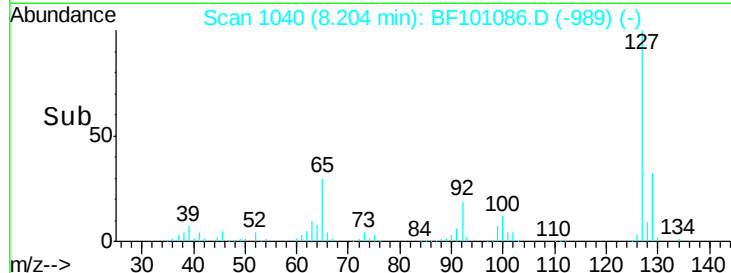
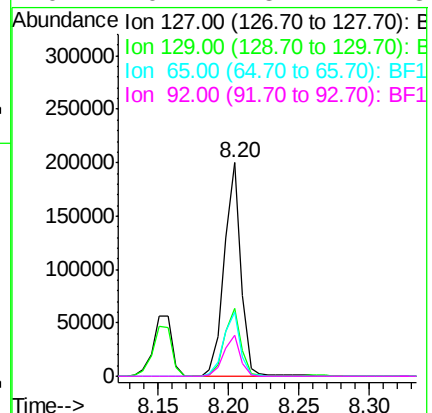
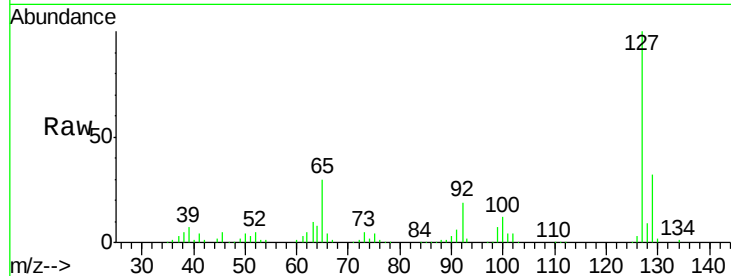
#33
4-Chloroaniline
Concen: 40.34 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.9	38.9		
65	30.2	25.0	37.4		
92	19.1	15.2	22.8		

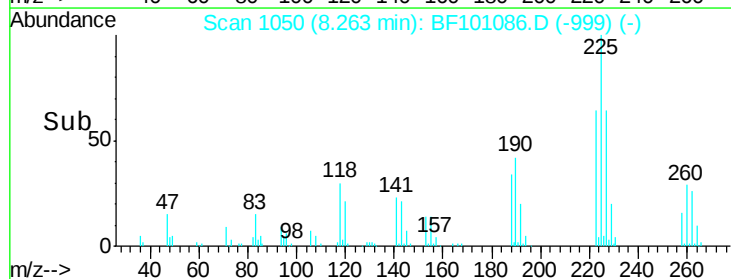
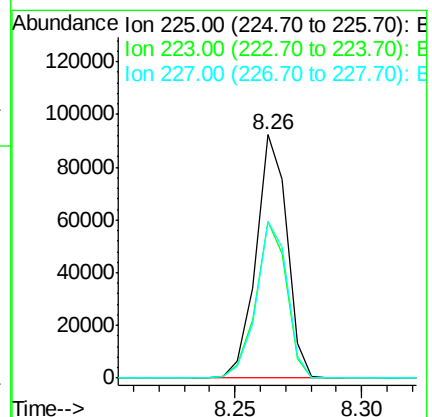
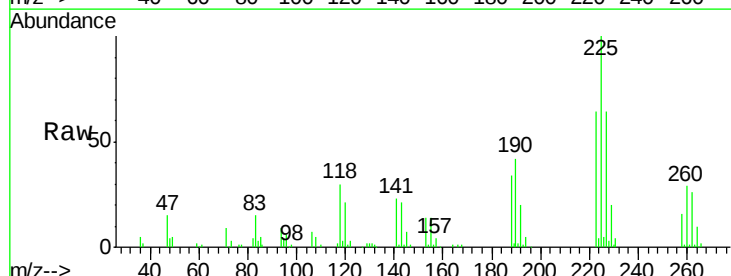
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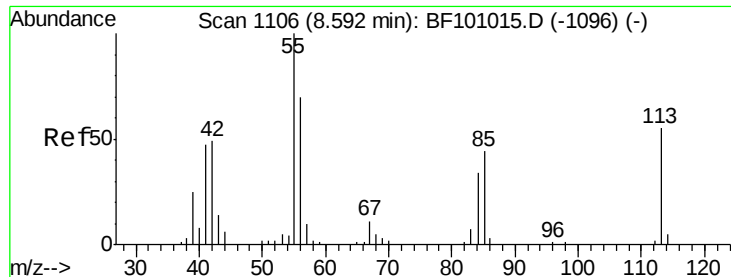
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#34
Hexachlorobutadiene
Concen: 39.80 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	50.6	76.0		
227	64.1	51.9	77.9		





#35

Caprolactam

Concen: 38.19 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

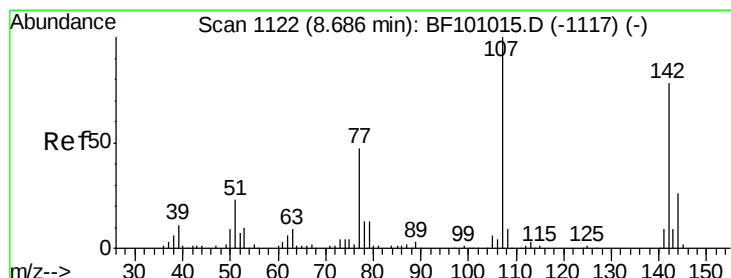
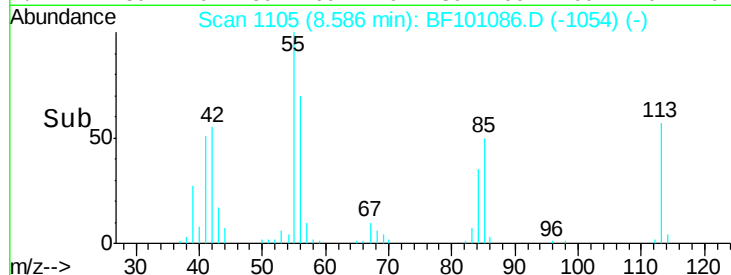
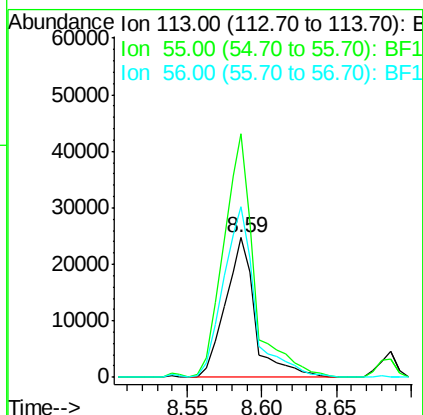
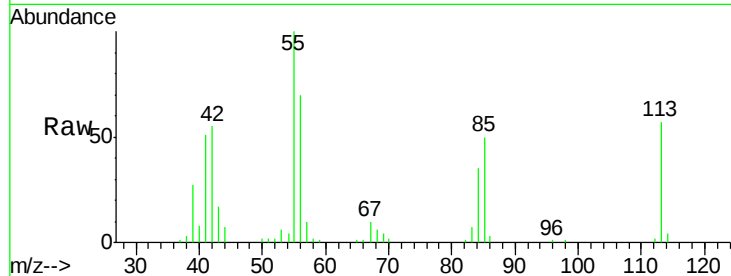
ClientSampleId :

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Tot Ion:	113	Resp:	34798
Ion Ratio	Lower	Upper	
113	100		
55	174.6	163.3	203.3
56	122.4	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 40.18 ng

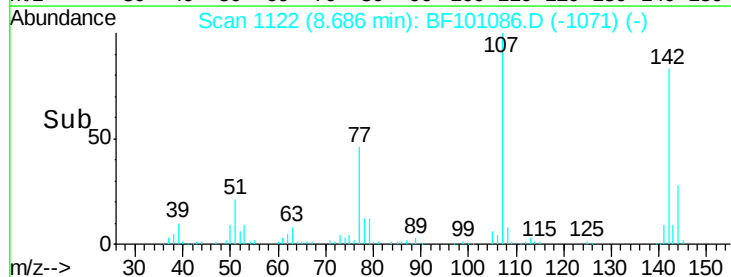
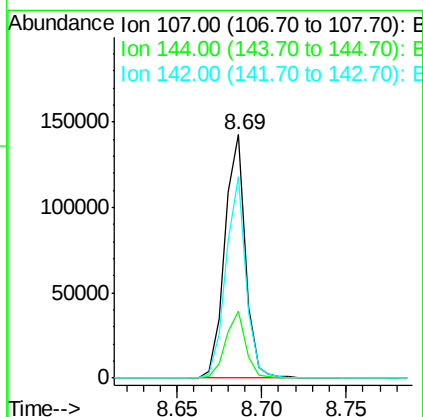
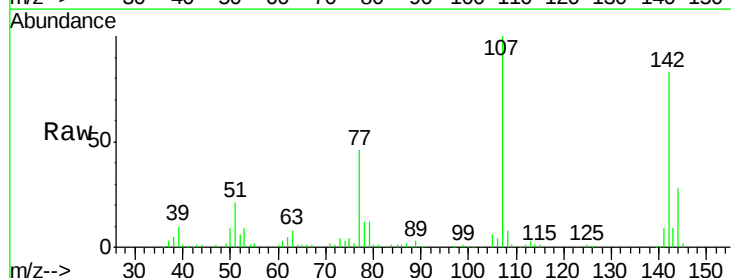
RT: 8.69 min Scan# 1122

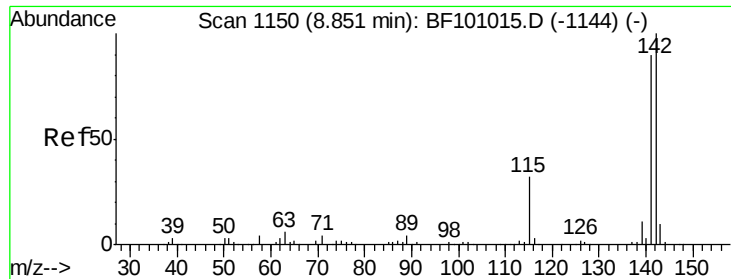
Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:	107	Resp:	121709
Ion Ratio	Lower	Upper	
107	100		
144	27.6	20.5	30.7
142	82.8	62.0	93.0





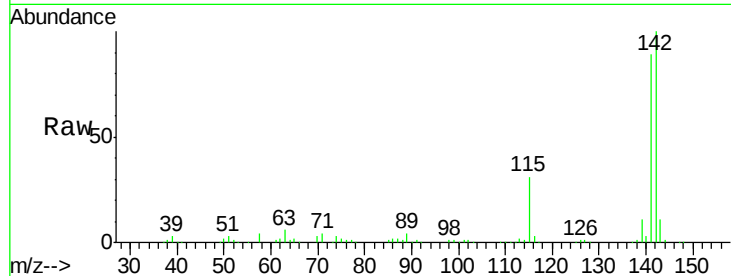
#37
2-Methylnaphthalene
Concen: 39.78 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

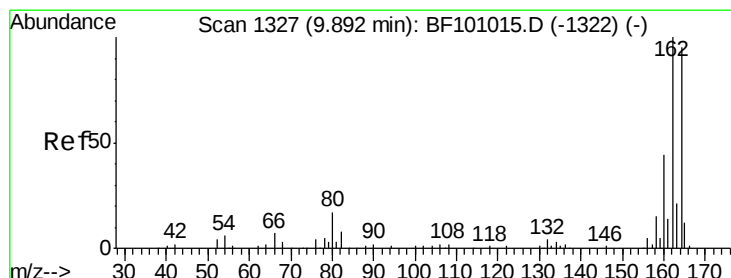
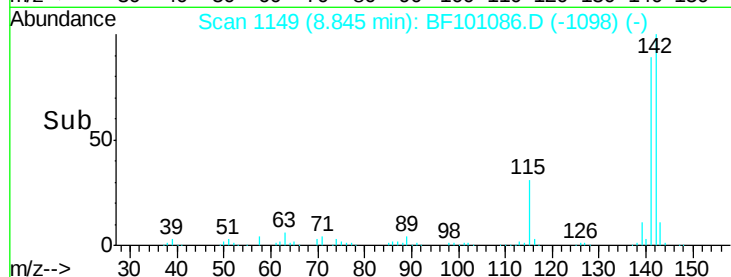
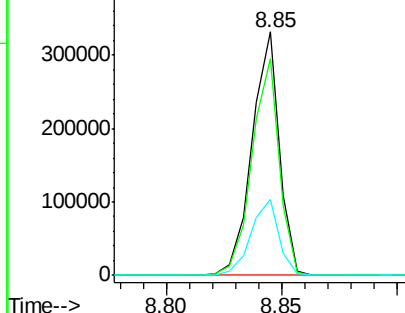
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	31.2	26.1	39.1

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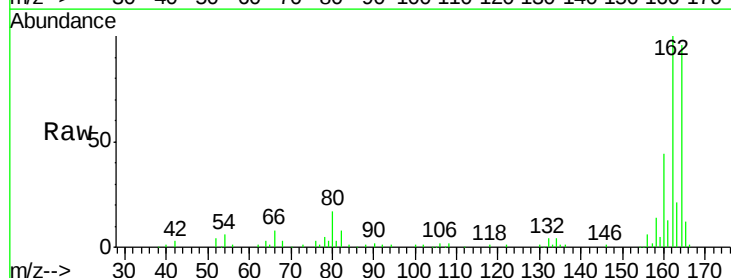


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

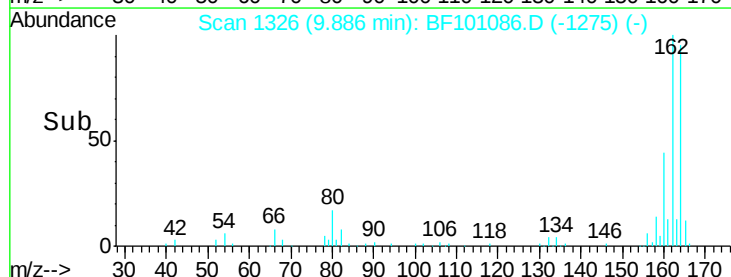
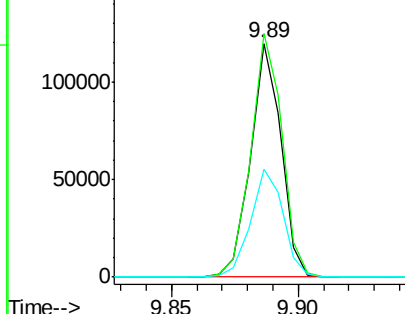


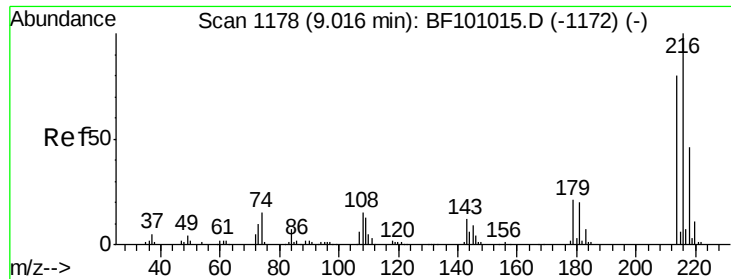
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.3	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





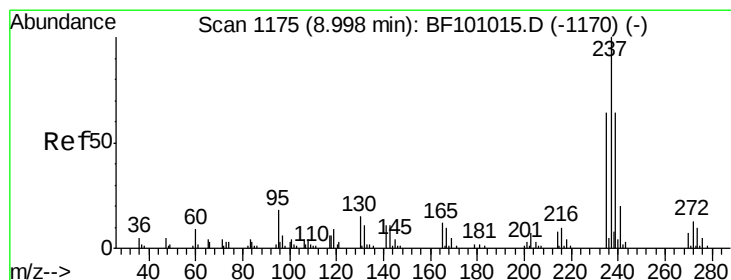
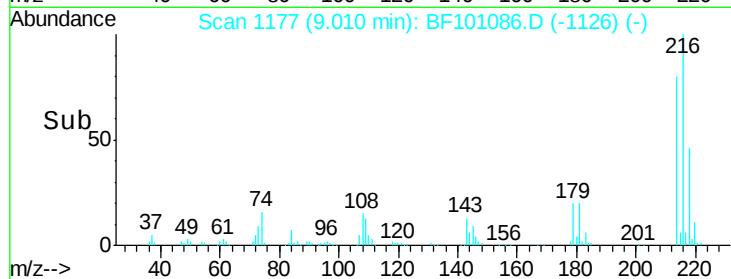
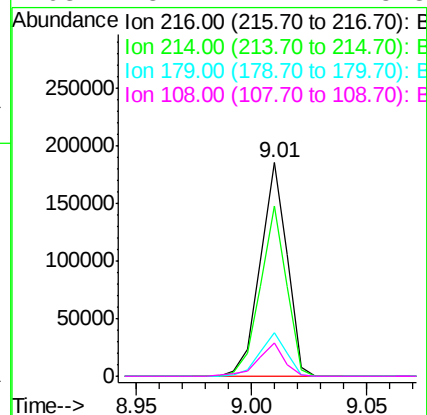
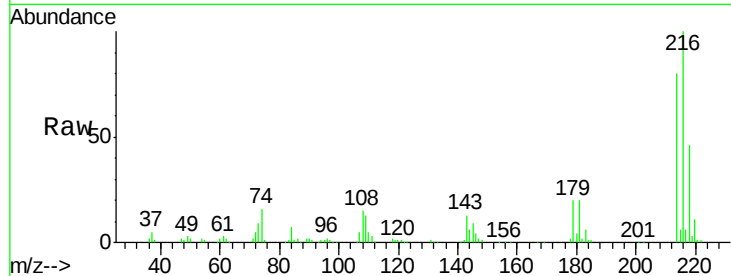
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.36 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.9	63.0	94.4
179	20.3	18.1	27.1
108	15.4	17.2	25.8

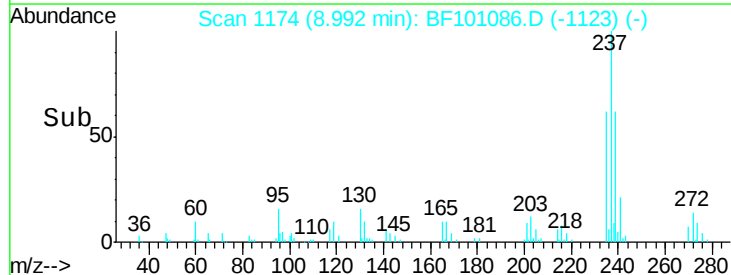
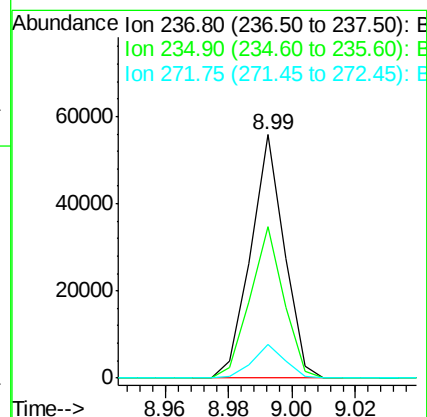
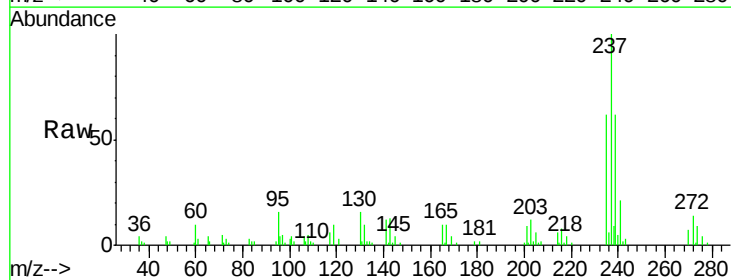
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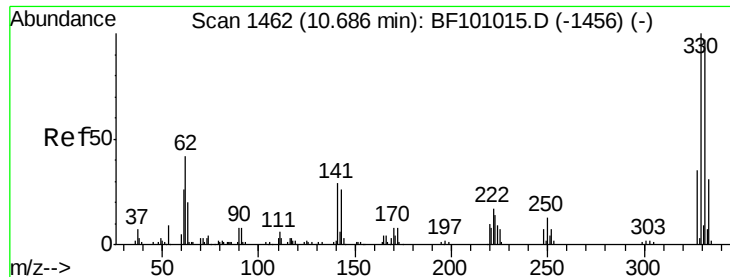
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#40
 Hexachlorocyclopentadiene
 Concen: 35.82 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	44.8	84.8
272	13.7	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 79.20 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

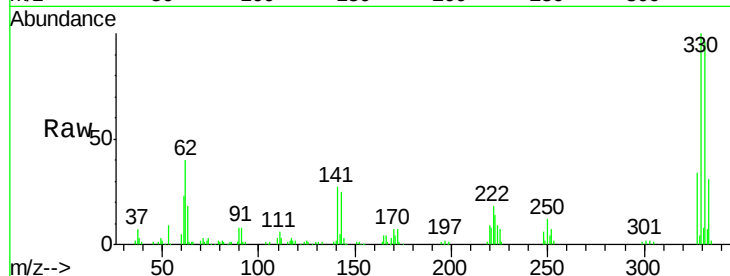
ClientSampleId :

SSTDCCC040

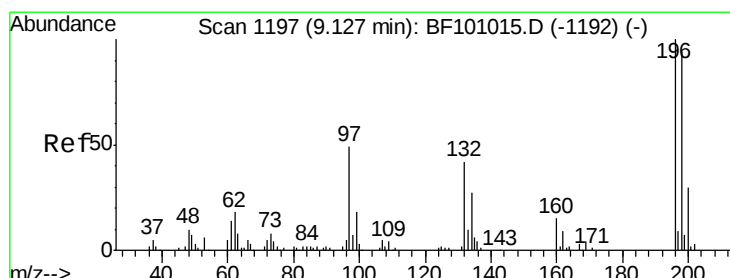
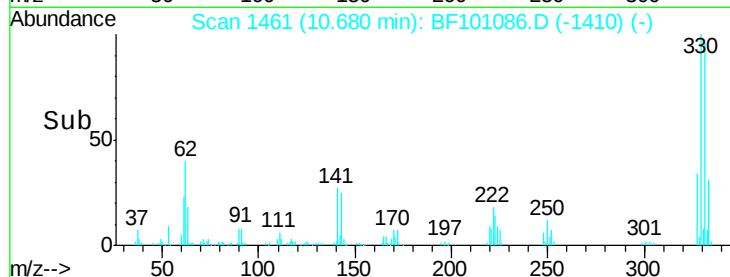
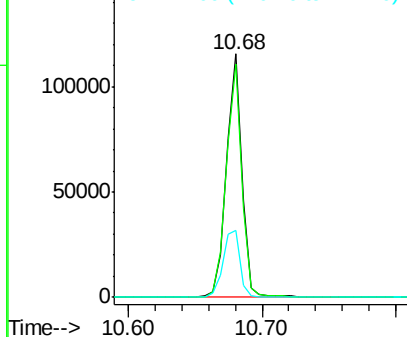
Tot Ion:	330	Resp:	95521
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.0	115.6
141	30.0	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 41.04 ng

RT: 9.12 min Scan# 1196

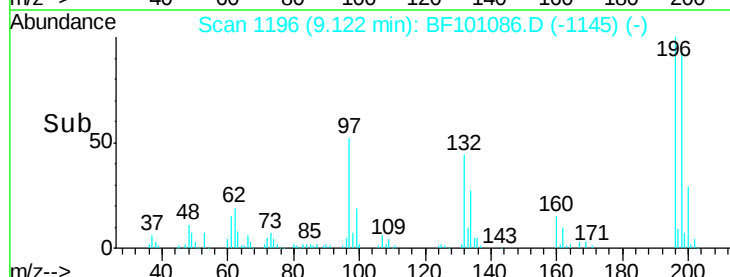
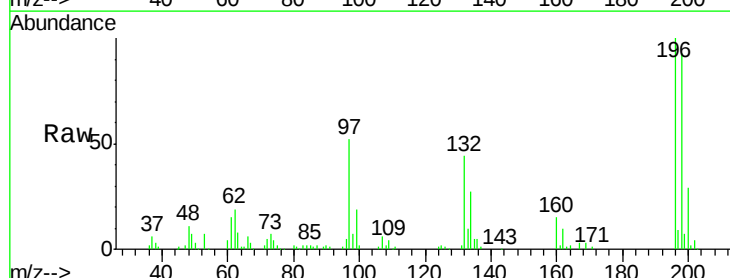
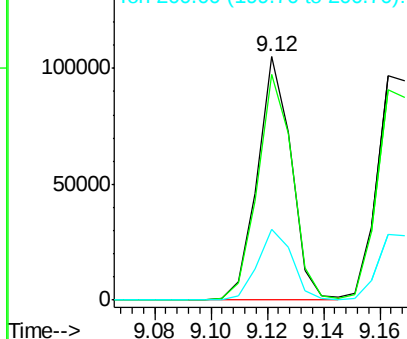
Delta R.T. 0.00 min

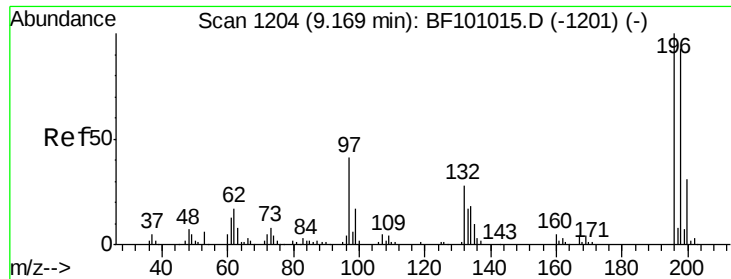
Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:	196	Resp:	87739
Ion Ratio	Lower	Upper	
196	100		
198	92.7	75.7	113.5
200	29.3	24.5	36.7

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





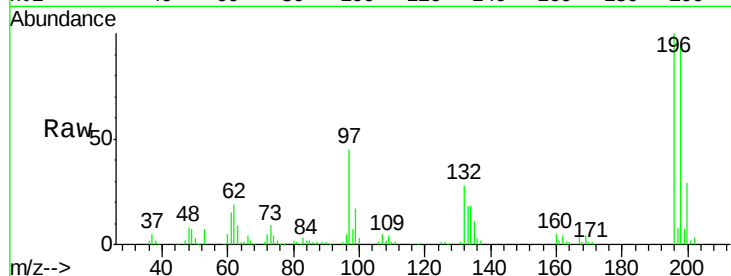
#43
 2,4,5-Trichlorophenol
 Concen: 41.54 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		94945		
198	94.0		74.6	112.0	
97	45.5		42.9	64.3	
132	27.9		26.3	39.5	

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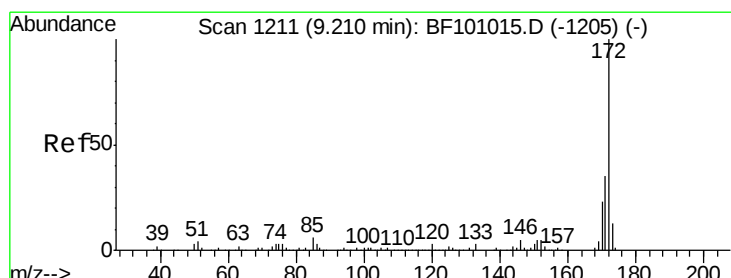
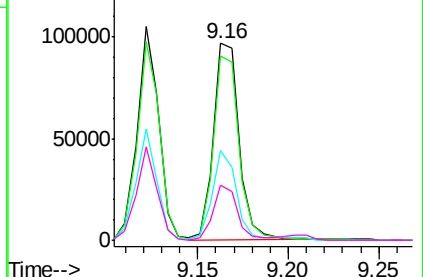
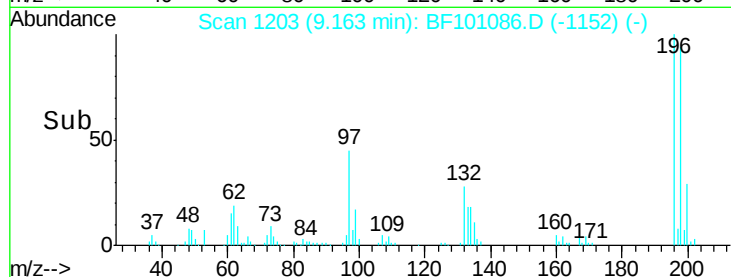
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

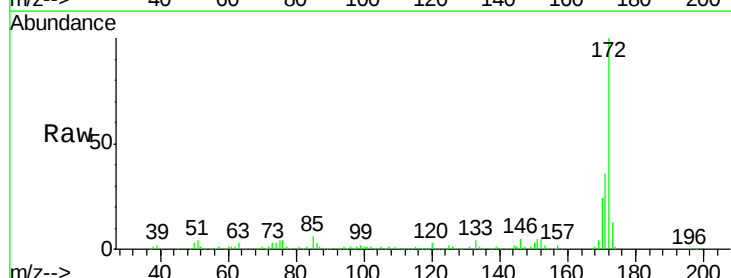
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.62 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		598903		
171	35.9		29.7	44.5	
170	23.6		19.6	29.4	

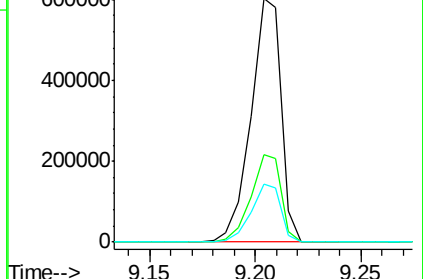
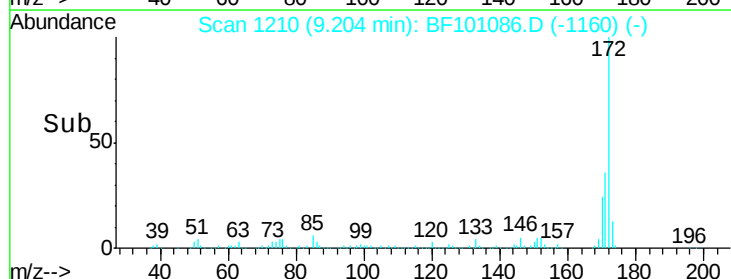


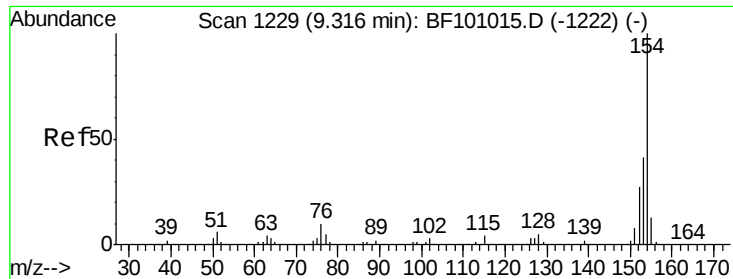
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.39 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

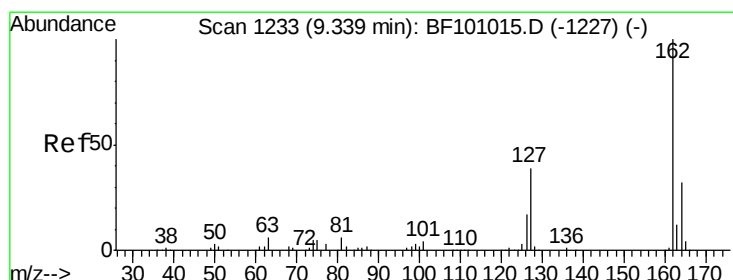
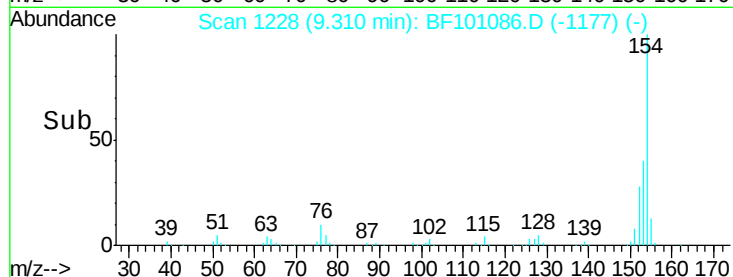
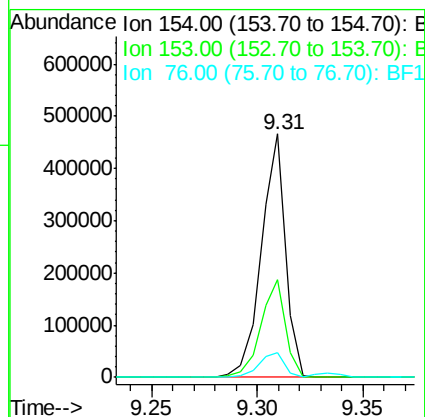
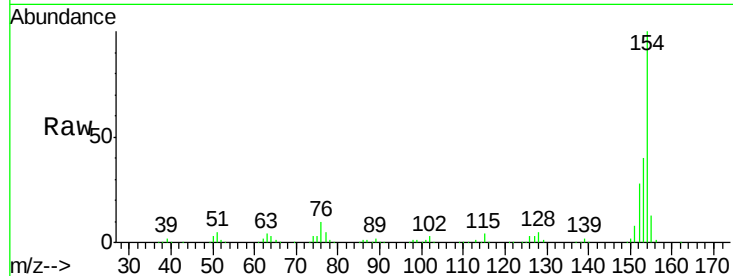
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	371508
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.3	61.3
76	10.4	0.0	34.0

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 40.21 ng

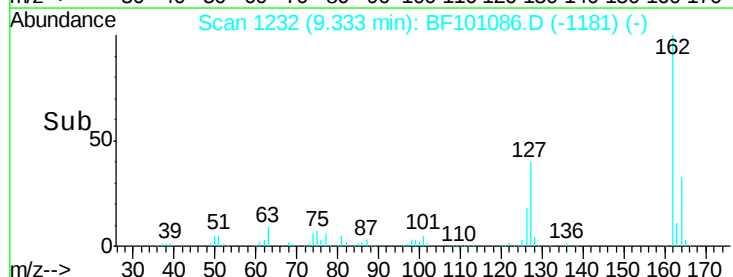
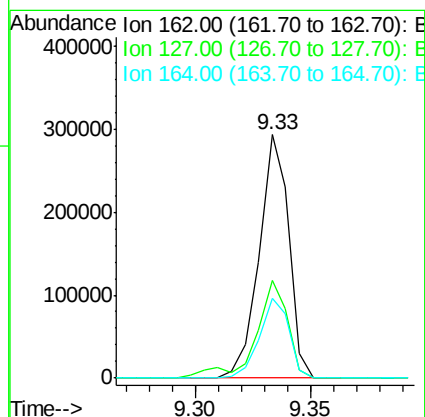
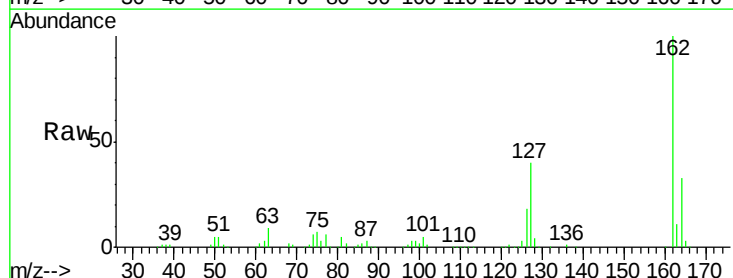
RT: 9.33 min Scan# 1232

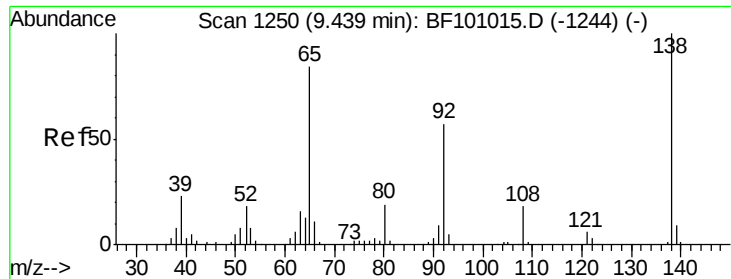
Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:	162	Resp:	262677
Ion Ratio	Lower	Upper	
162	100		
127	40.1	33.9	50.9
164	32.8	26.5	39.7





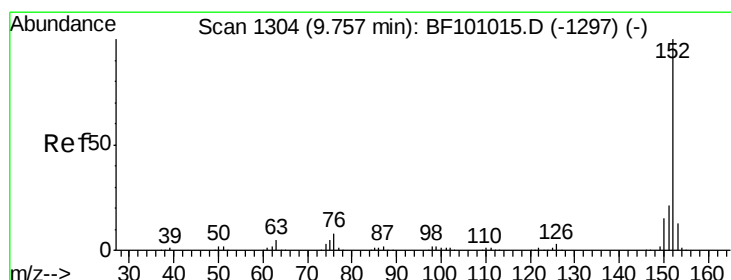
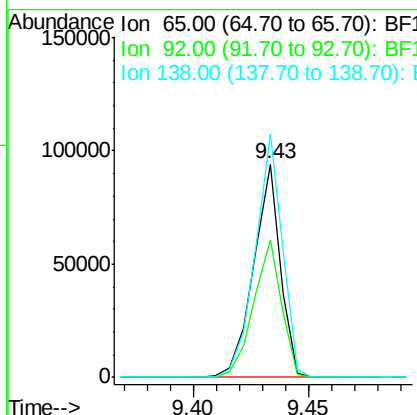
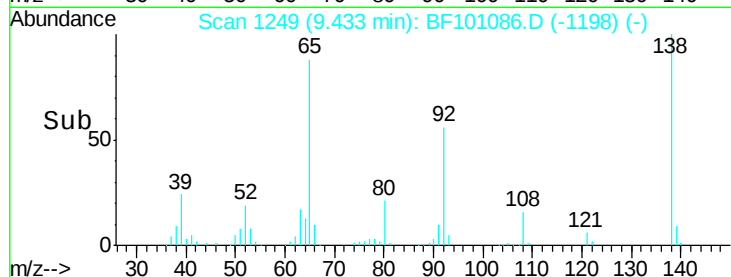
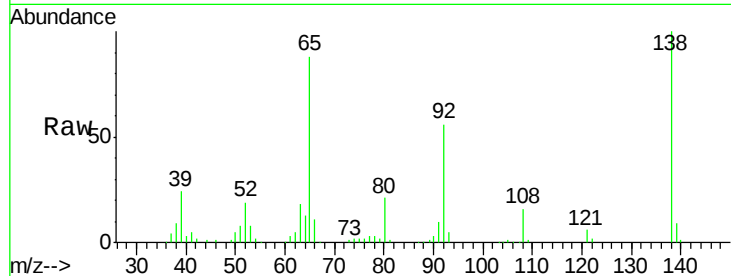
#47
2-Nitroaniline
Concen: 39.68 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	65	Resp:	76686
Ion Ratio	Lower	Upper	
65	100		
92	64.4	55.8	83.6
138	114.2	91.2	136.8

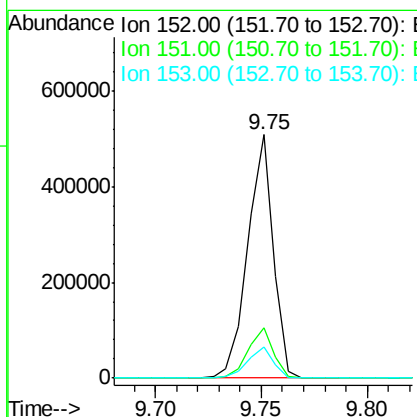
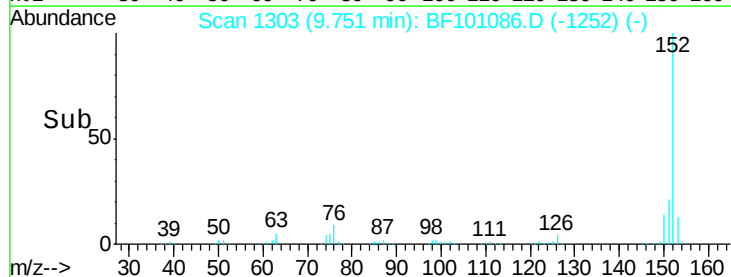
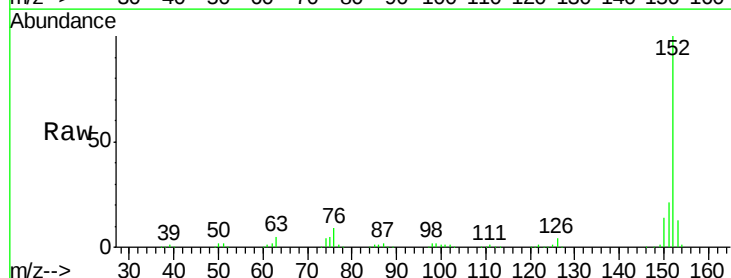
Manual Integrations
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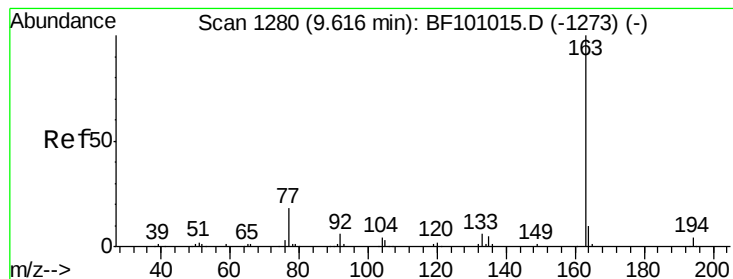
Sohil
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#48
Acenaphthylene
Concen: 39.81 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion:	152	Resp:	427383
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.0	10.7	16.1





#49

Dimethylphthalate

Concen: 39.39 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

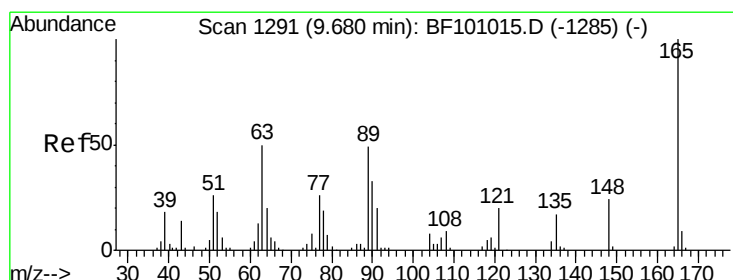
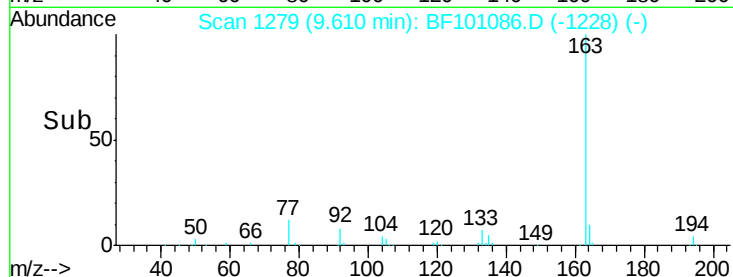
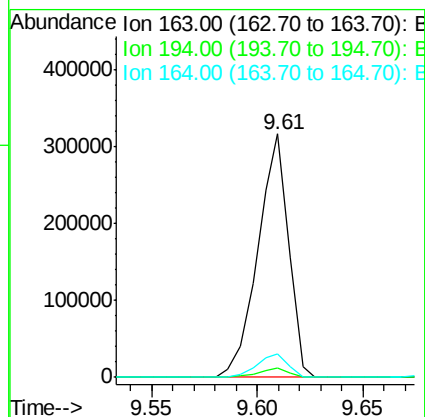
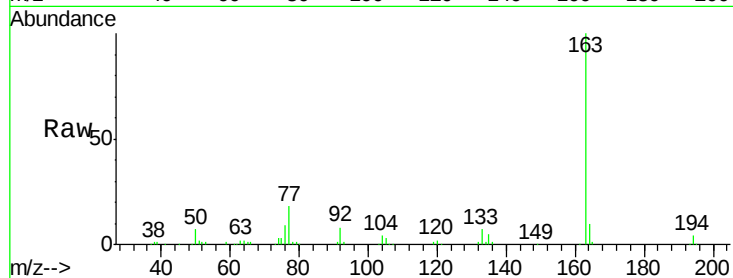
ClientSampleId :

SSTDCCC040

Tot Ion:	163	Resp:	318885
Ion Ratio		Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.6	8.2	12.2

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 39.97 ng

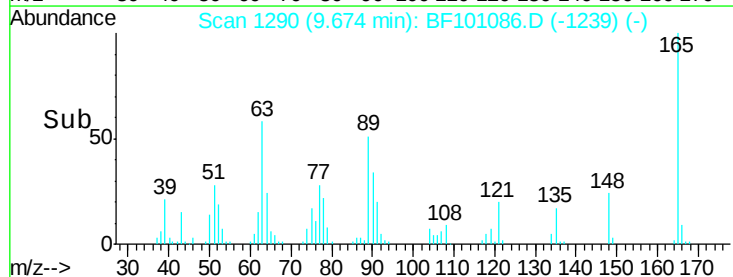
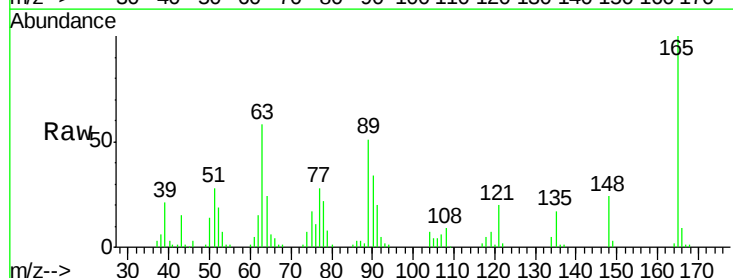
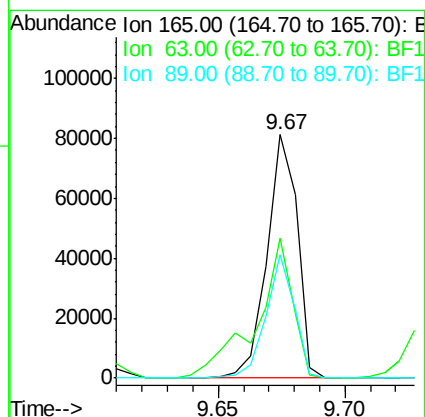
RT: 9.67 min Scan# 1290

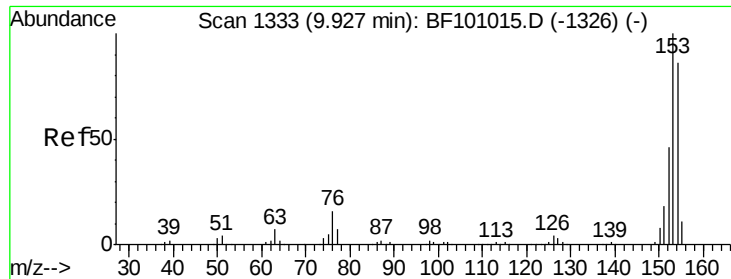
Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:	165	Resp:	68156
Ion Ratio		Lower	Upper
165	100		
63	57.7	44.7	67.1
89	50.9	44.0	66.0





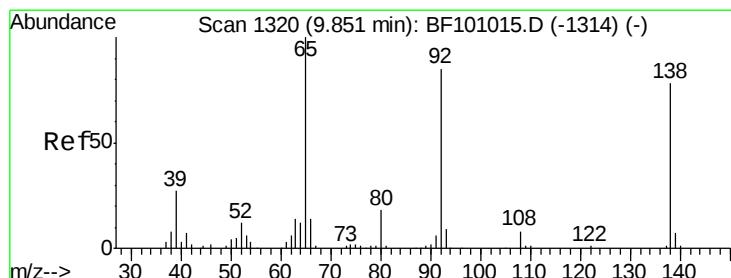
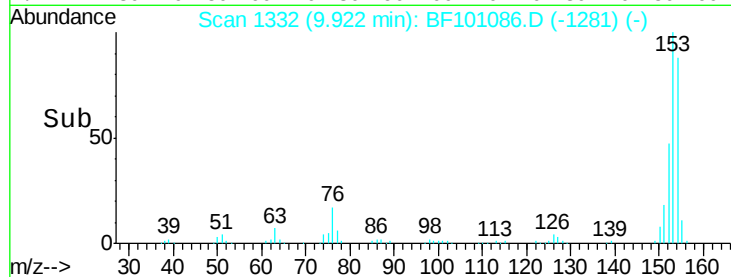
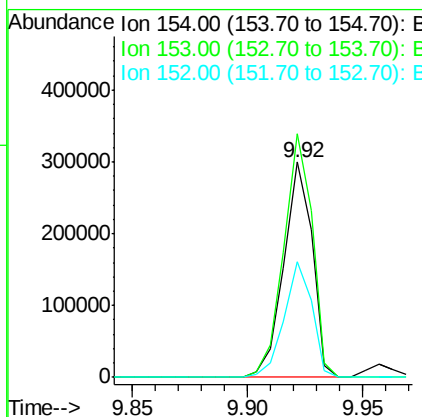
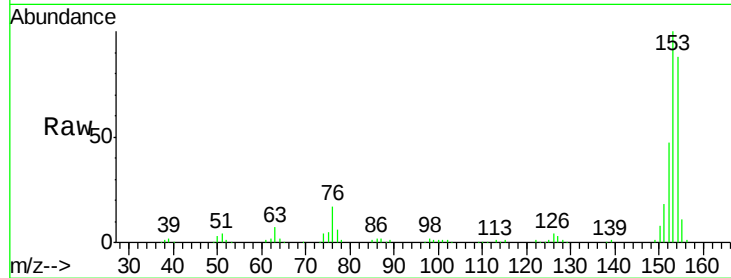
#51
Acenaphthene
Concen: 39.63 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.2	136.8
152	53.6	43.8	65.8

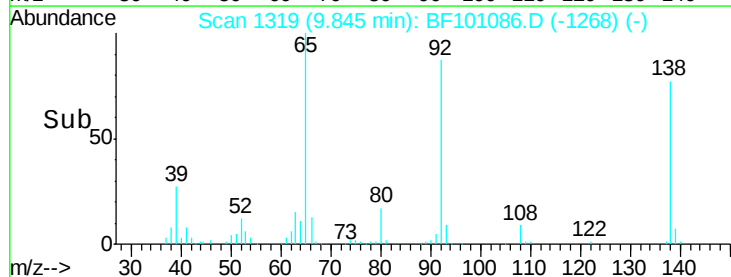
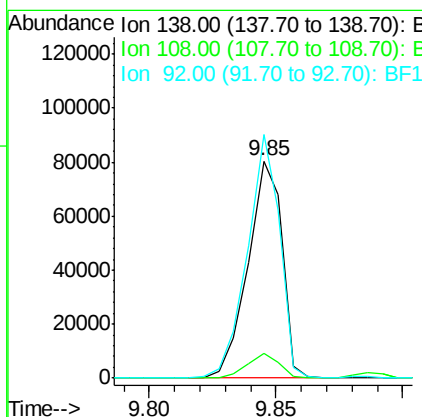
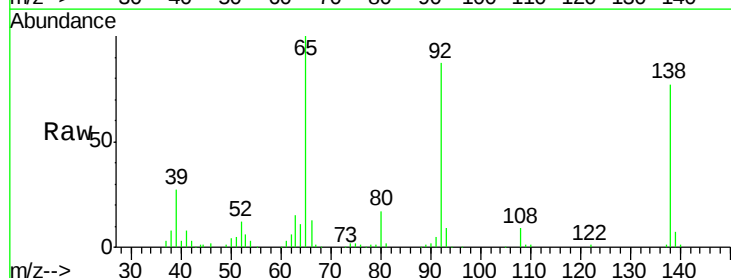
Manual Integrations
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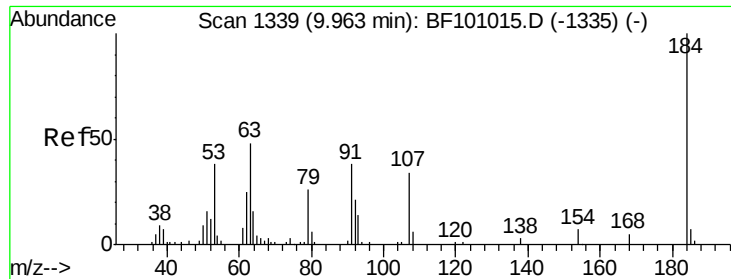
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#52
3-Nitroaniline
Concen: 39.29 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.4	14.0
92	112.3	89.4	134.2





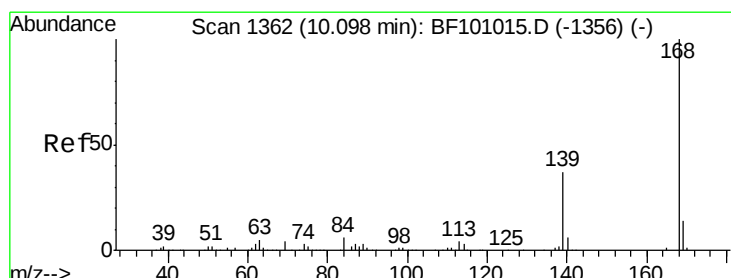
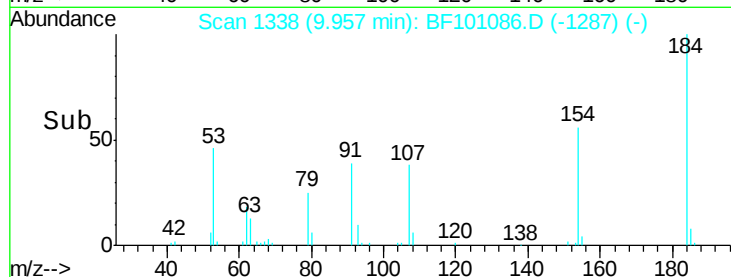
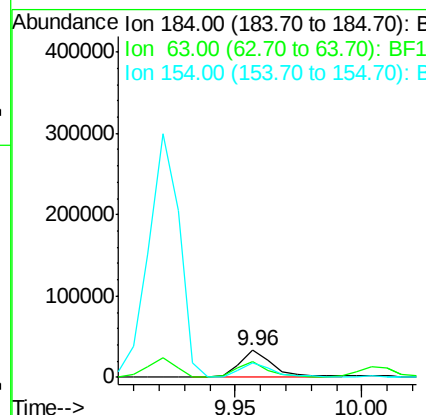
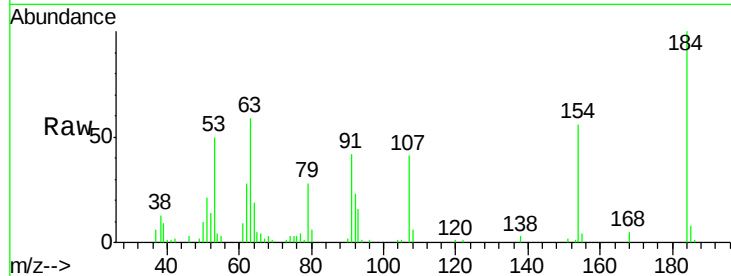
#53
2,4-Dinitrophenol
Concen: 36.86 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	58.9	54.2	81.2	
154	56.1	184.0	276.0	

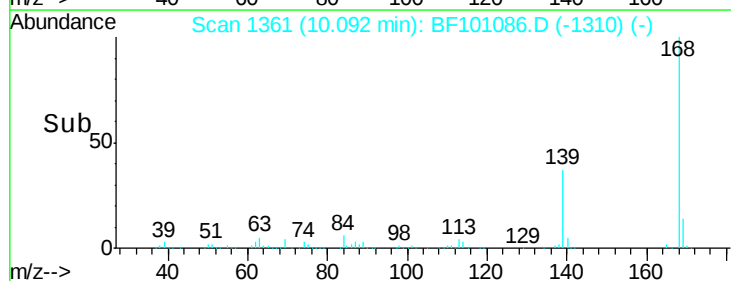
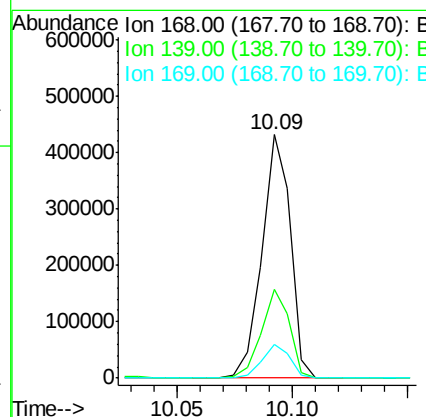
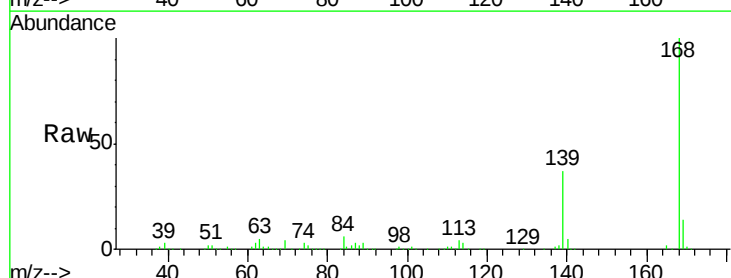
Manual Integrations
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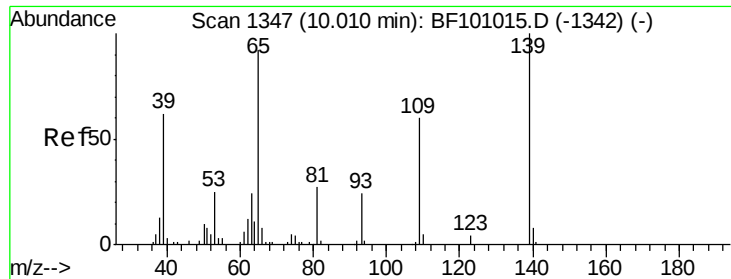
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#54
Dibenzofuran
Concen: 39.98 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.7	30.1	45.1	
169	13.9	10.9	16.3	





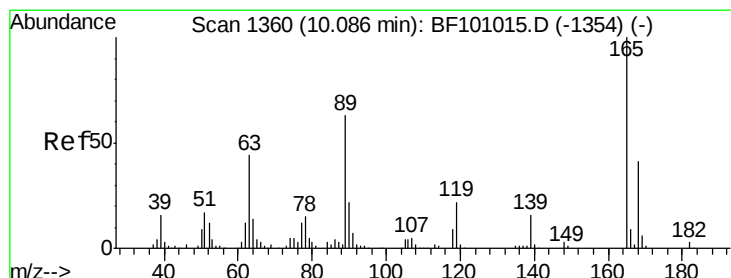
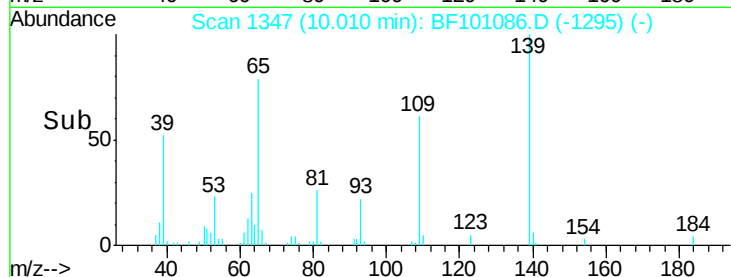
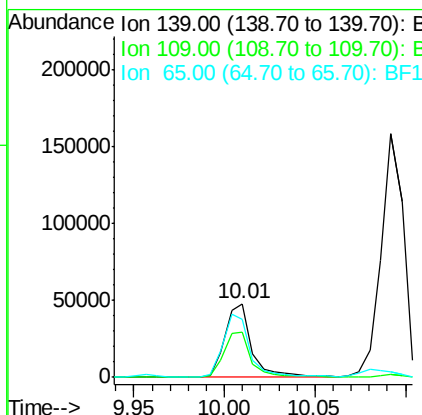
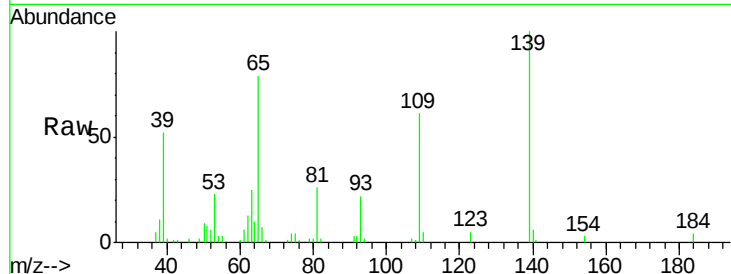
#55
4-Nitrophenol
Concen: 38.22 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	49430		
109	61.5	48.4	88.4	
65	79.3	72.6	112.6	

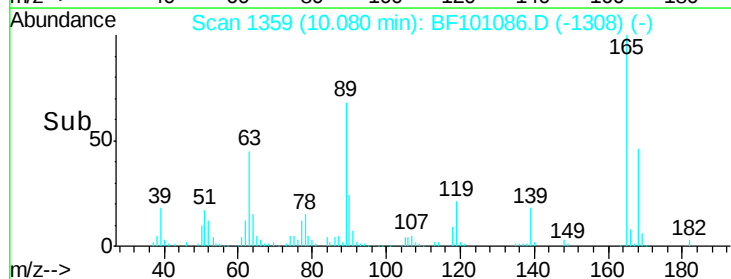
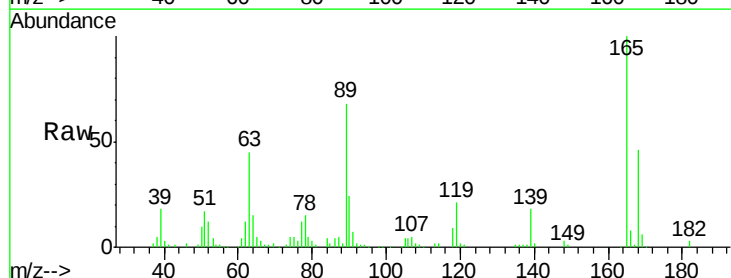
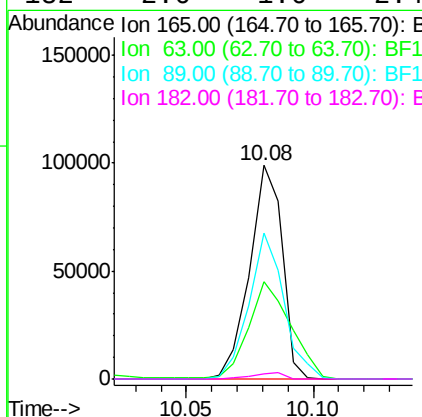
Manual Integrations
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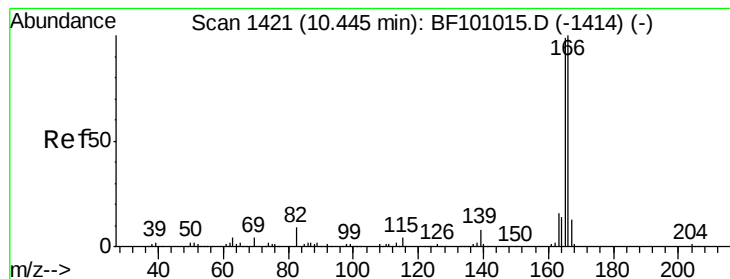
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#56
2,4-Dinitrotoluene
Concen: 39.01 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	89162		
63	45.4	36.4	54.6	
89	68.2	57.8	86.6	
182	2.6	1.6	2.4	#





#57

Fluorene

Concen: 39.47 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

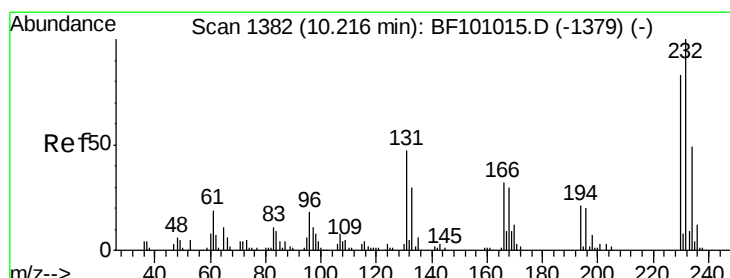
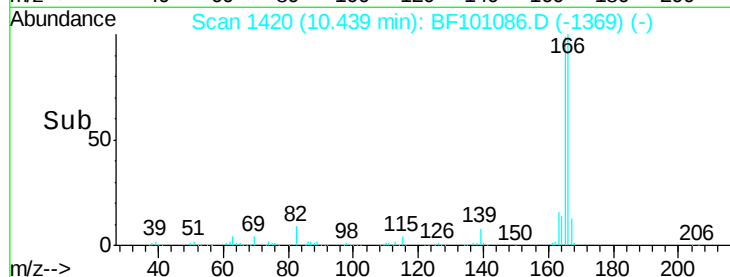
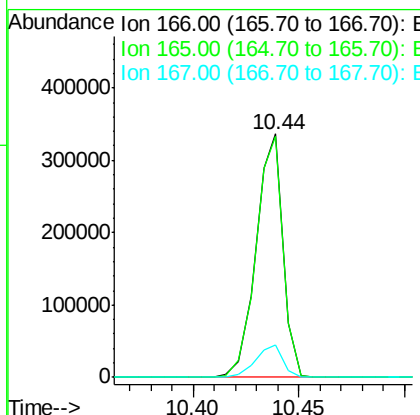
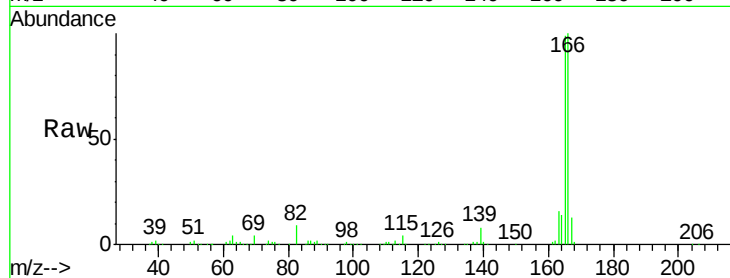
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	297259
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.8	119.8
167	13.1	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.82 ng

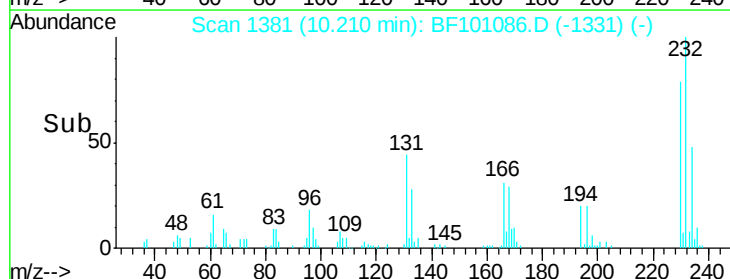
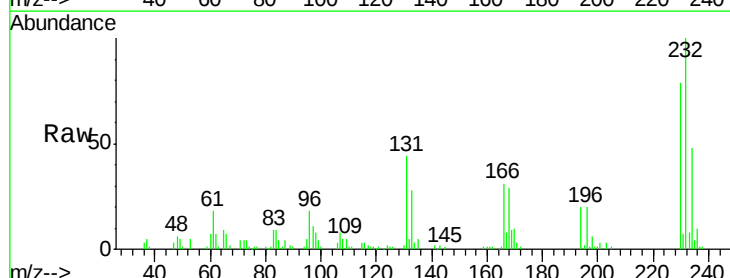
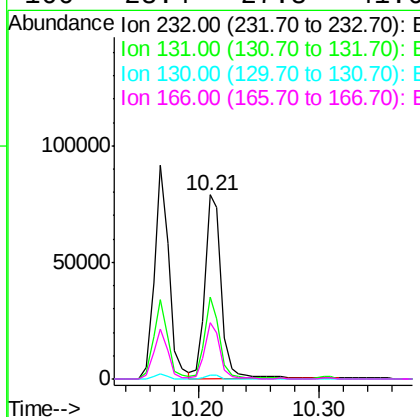
RT: 10.21 min Scan# 1381

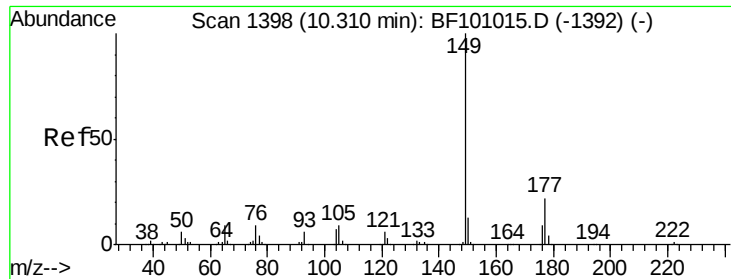
Delta R.T. -0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:	232	Resp:	74705
Ion Ratio	Lower	Upper	
232	100		
131	41.1	43.8	65.8#
130	1.9	2.1	3.1#
166	28.4	27.8	41.6





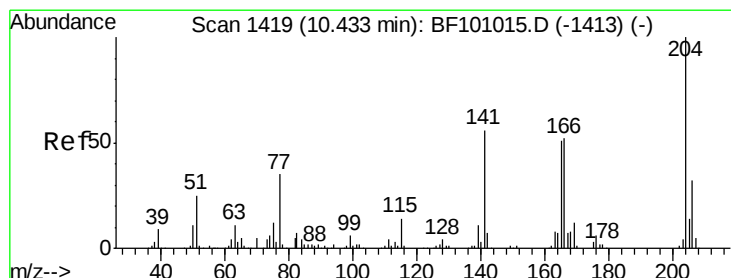
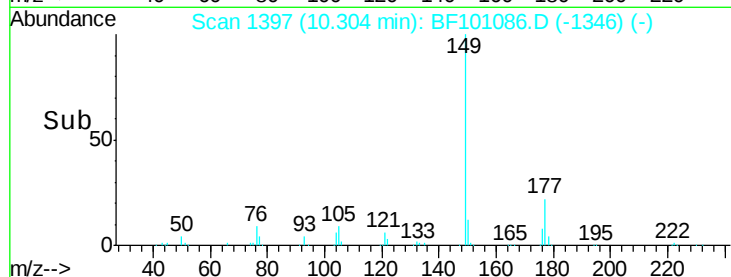
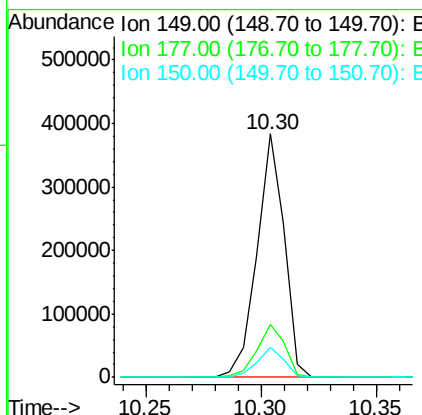
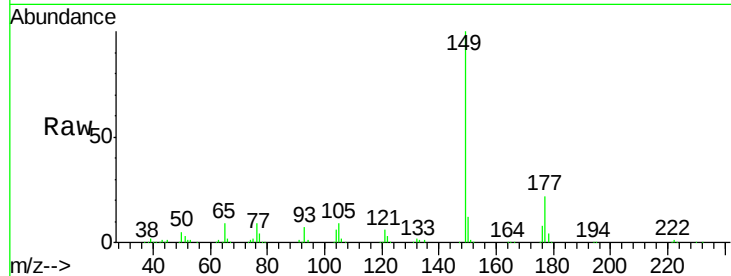
#59
Diethylphthalate
Concen: 39.62 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.2	10.1	15.1

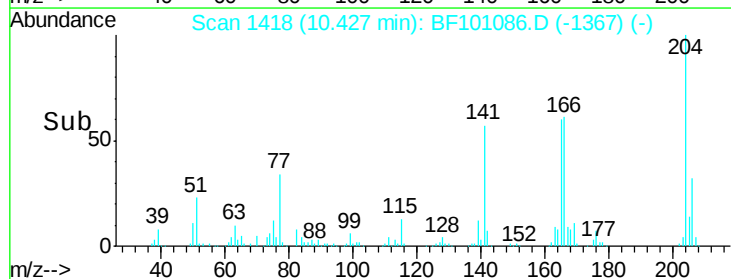
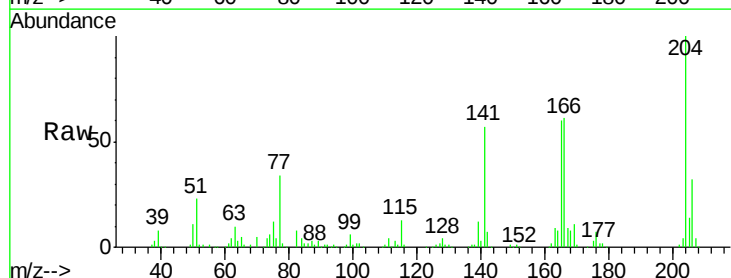
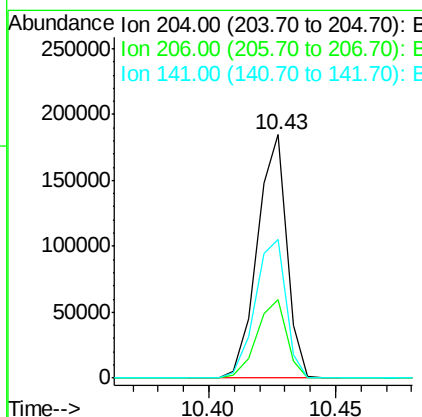
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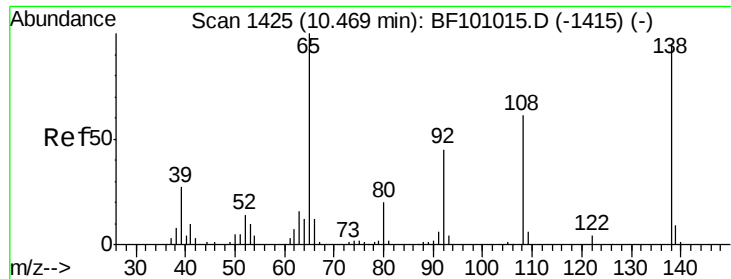
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 40.36 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	56.9	54.6	81.8





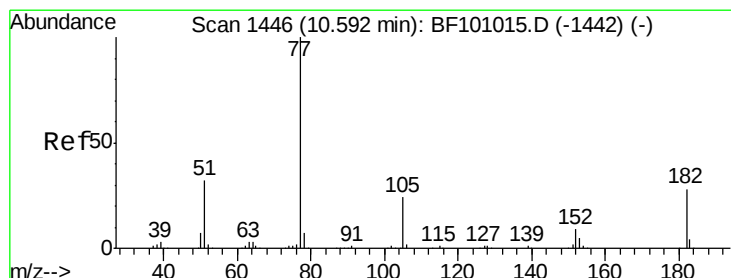
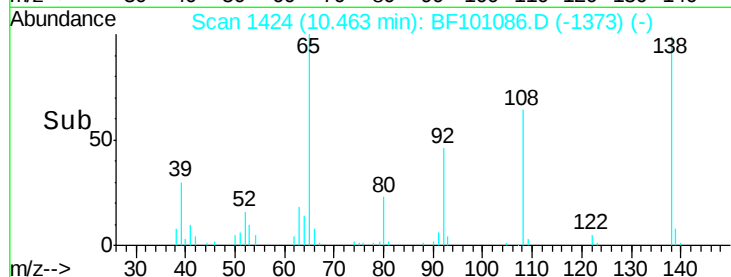
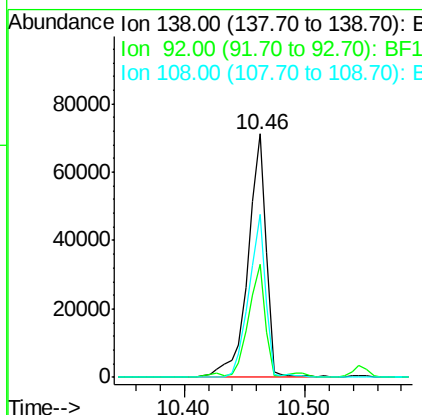
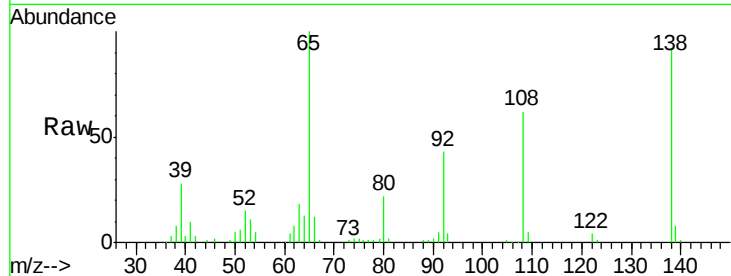
#61
4-Nitroaniline
Concen: 37.62 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.3	30.2	70.2
108	66.8	52.5	92.5

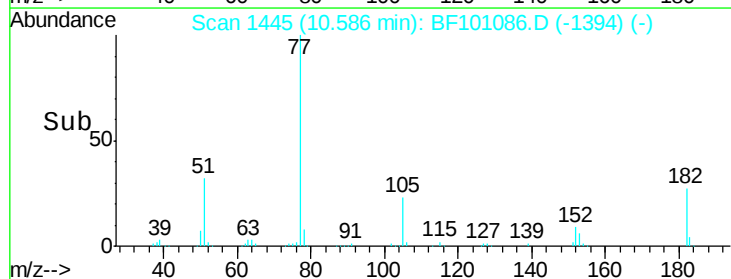
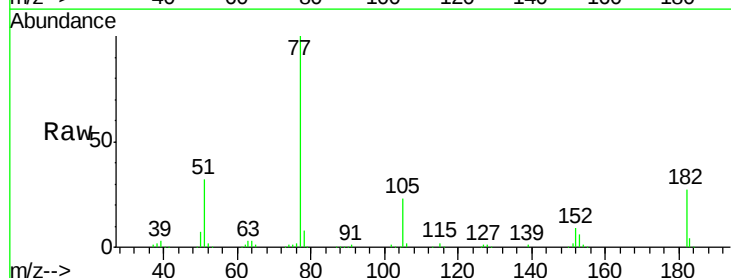
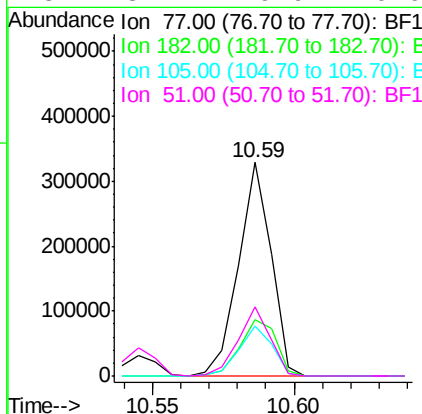
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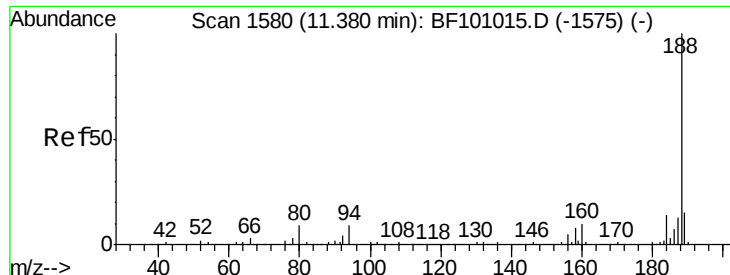
Sohil
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#62
Azobenzene
Concen: 38.83 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.6	1.7	41.7
105	23.2	3.0	43.0
51	32.4	9.9	49.9





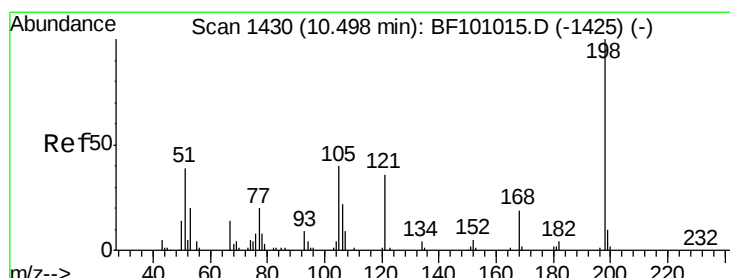
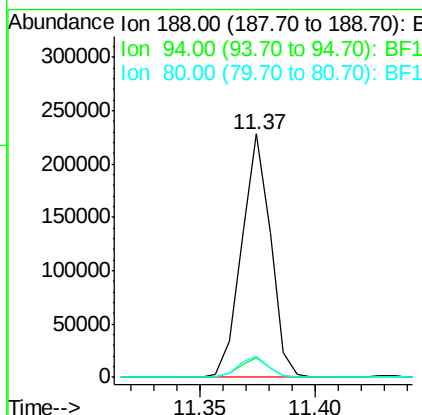
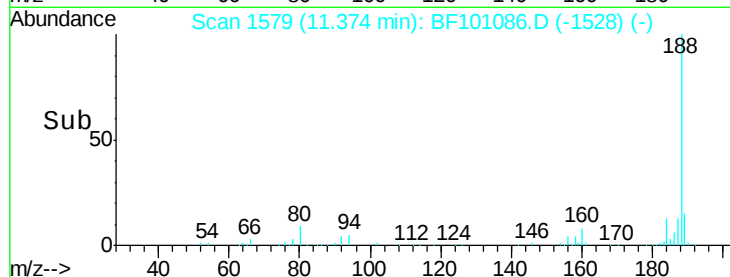
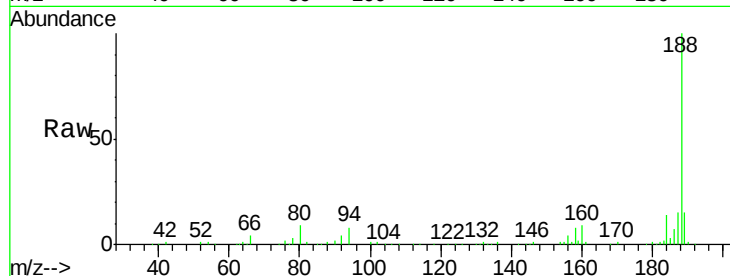
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.8	9.2	13.8#

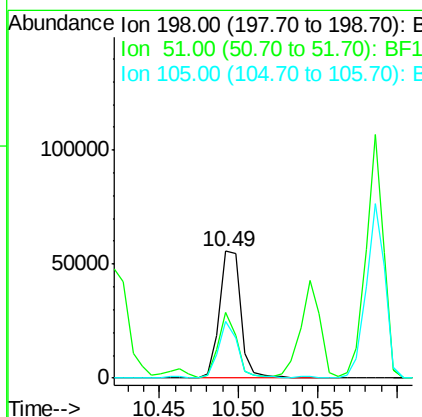
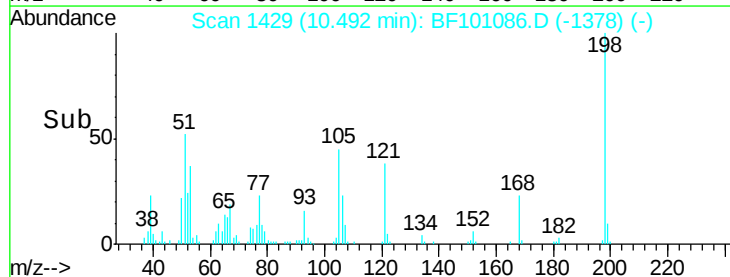
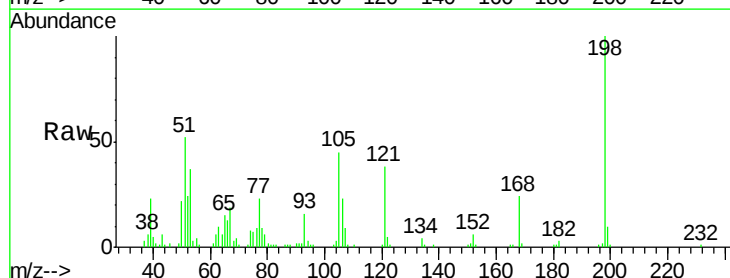
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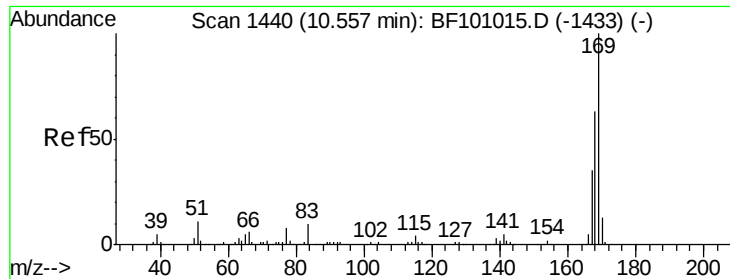
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.11 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	52.0	37.7	77.7
105	44.7	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 39.76 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

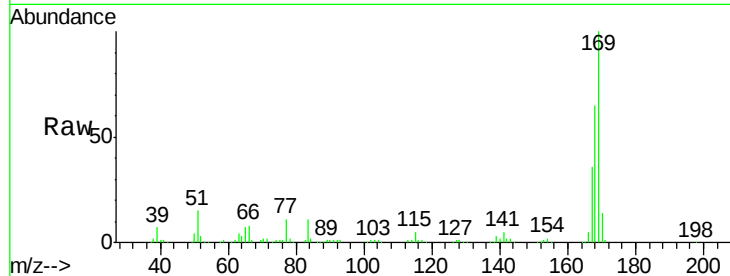
ClientSampleId :

SSTDCCC040

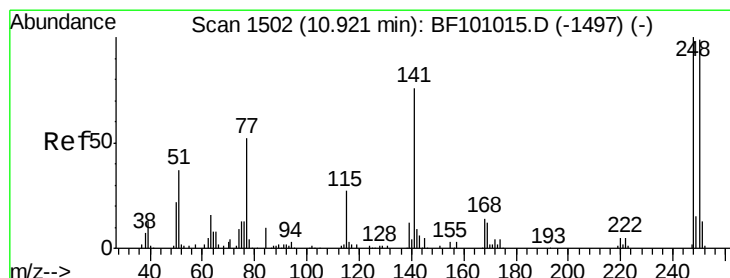
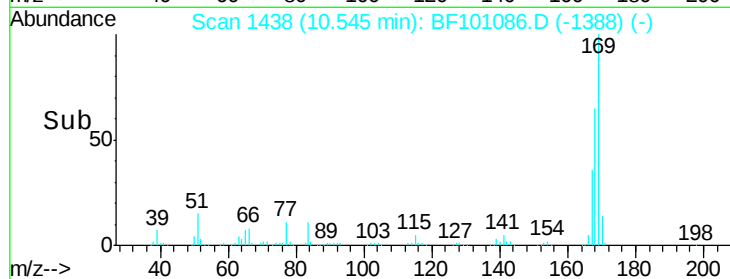
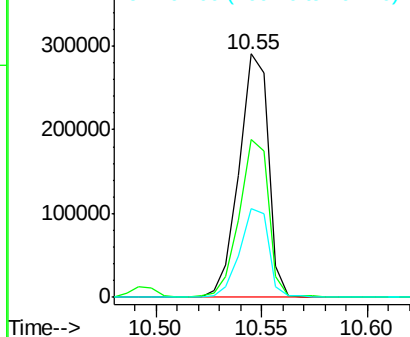
Tot Ion:	169	Resp:	279837
Ion Ratio		Lower	Upper
169	100		
168	65.1	54.4	81.6
167	36.4	29.8	44.6

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.86 ng

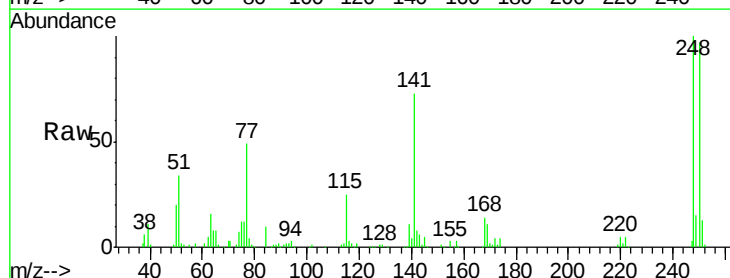
RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

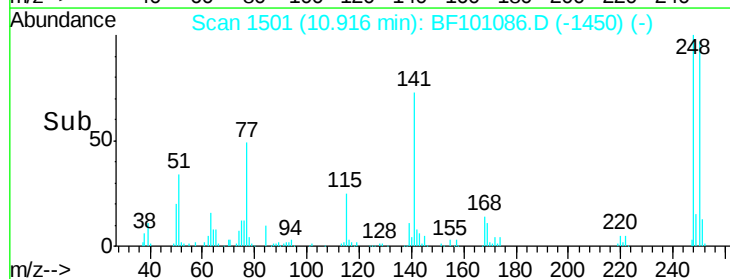
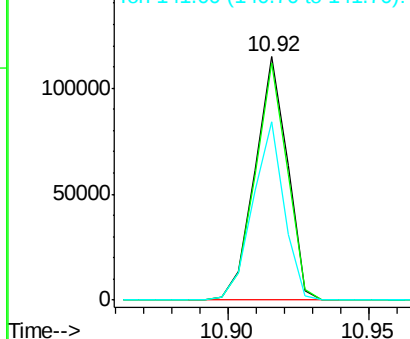
Lab File: BF101086.D

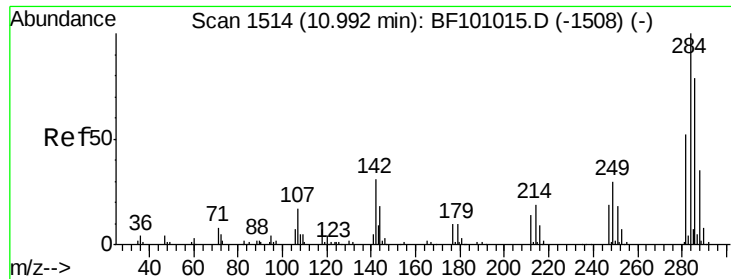
Acq: 4 Dec 2017 9:57

Tgt Ion:	248	Resp:	91241
Ion Ratio		Lower	Upper
248	100		
250	97.3	76.9	115.3
141	73.2	74.4	111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.73 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

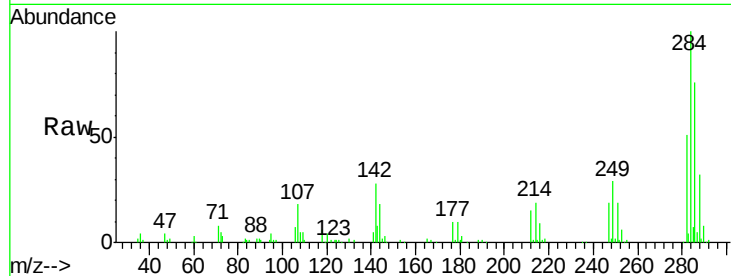
ClientSampleId :

SSTDCCC040

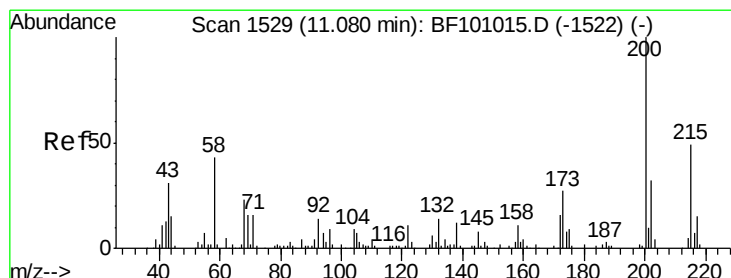
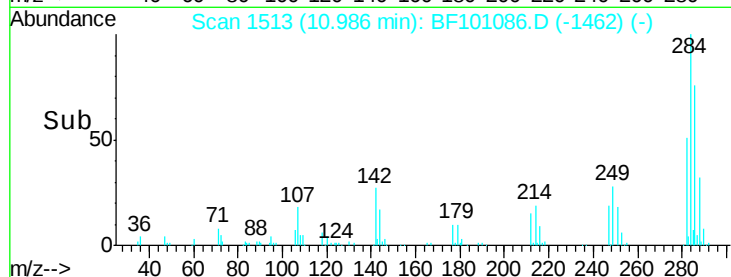
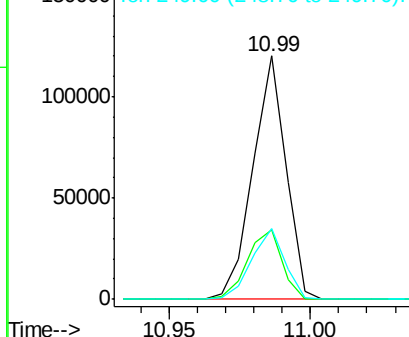
Tot Ion:	284	Resp:	97491
Ion Ratio		Lower	Upper
284	100		
142	28.3	34.6	52.0#
249	28.9	24.8	37.2

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



#68

Atrazine

Concen: 39.82 ng

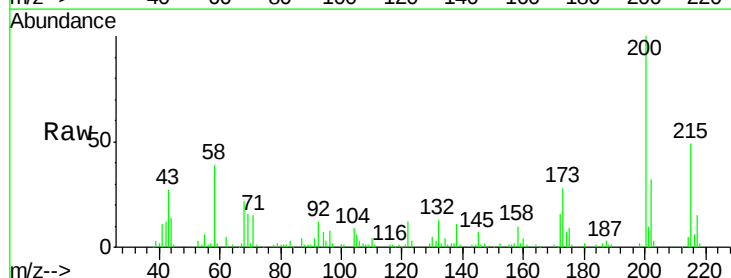
RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

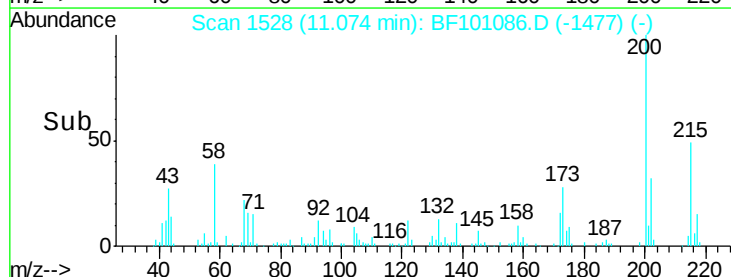
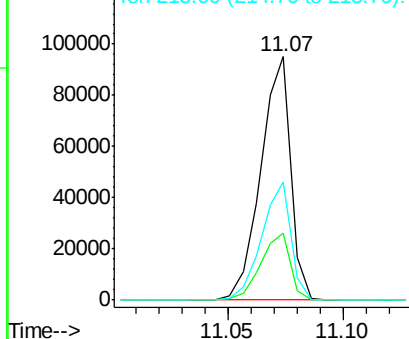
Lab File: BF101086.D

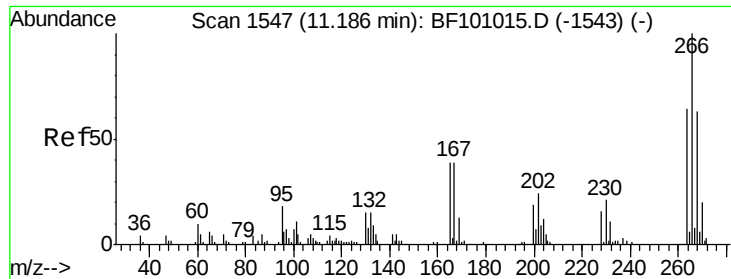
Acq: 4 Dec 2017 9:57

Tgt Ion:	200	Resp:	85988
Ion Ratio		Lower	Upper
200	100		
173	27.8	8.6	48.6
215	48.6	25.1	65.1



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





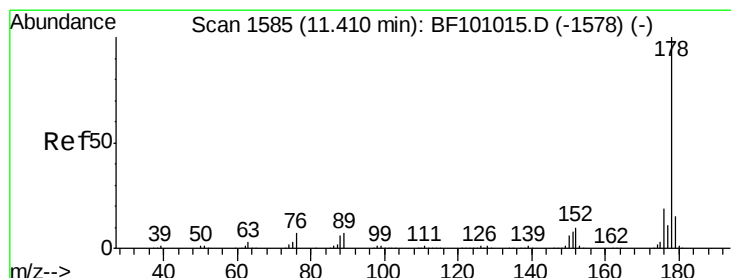
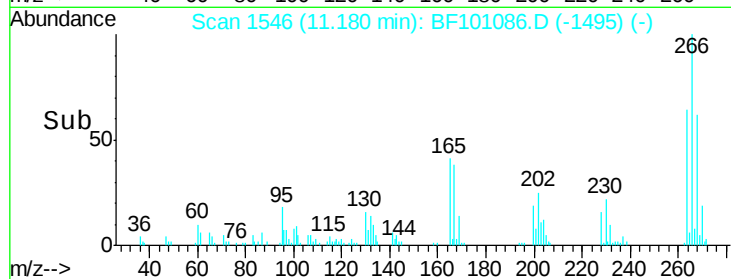
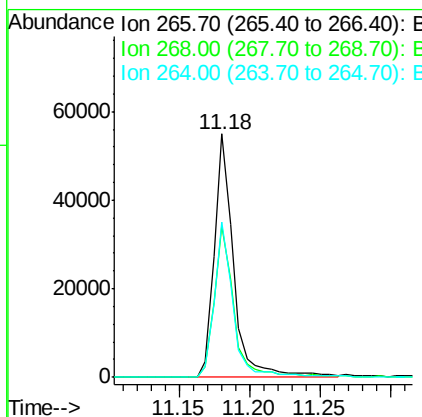
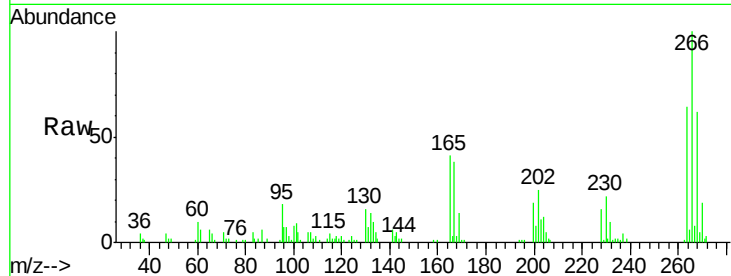
#69
 Pentachlorophenol
 Concen: 39.93 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	63.8	49.5	74.3

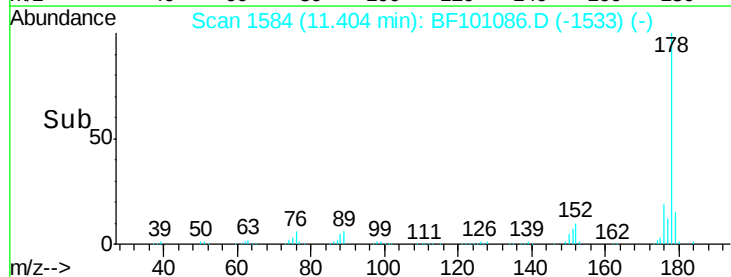
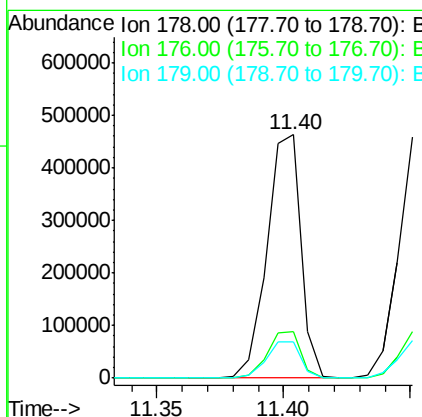
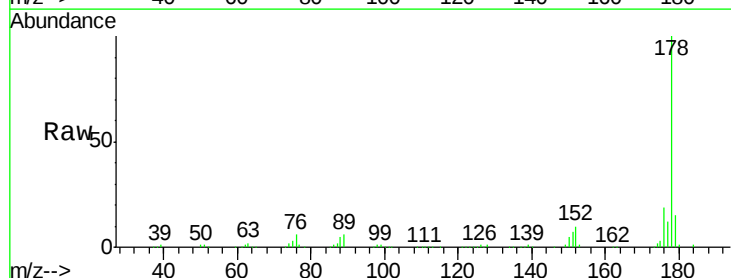
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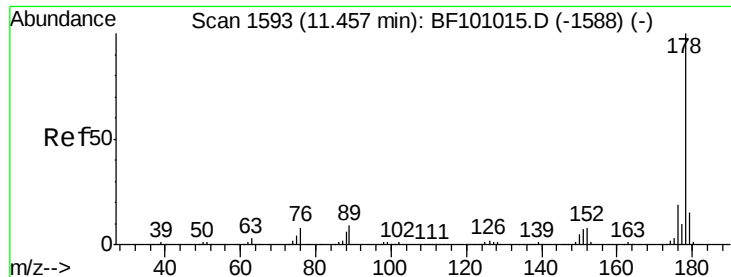
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#70
 Phenanthrene
 Concen: 39.52 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.1	13.0	19.6





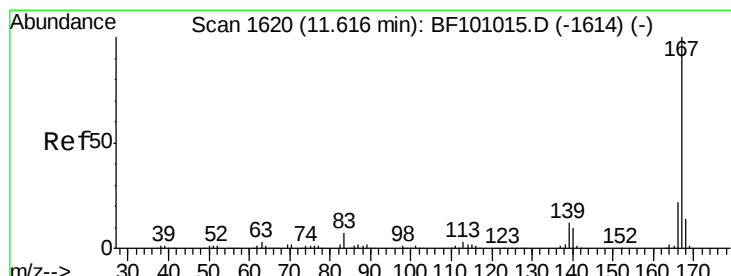
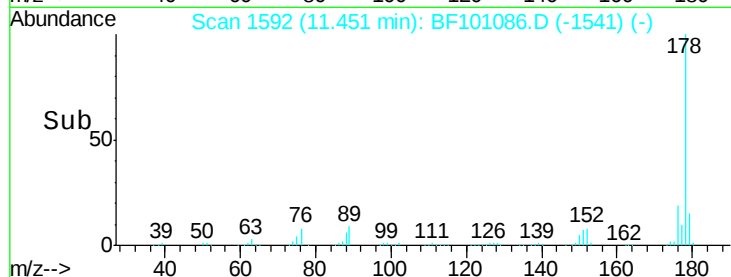
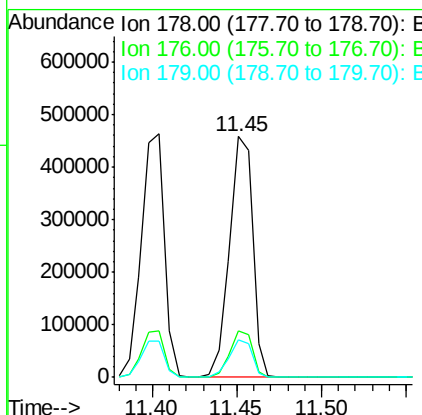
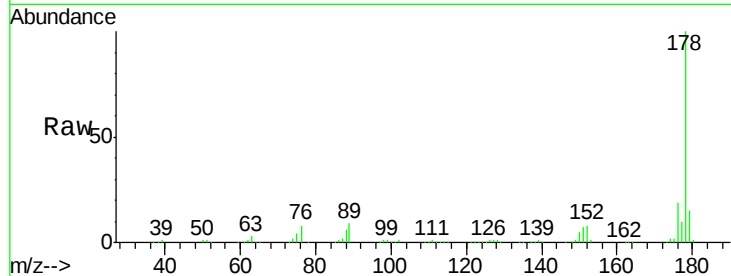
#71
 Anthracene
 Concen: 39.35 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.5	12.6	19.0

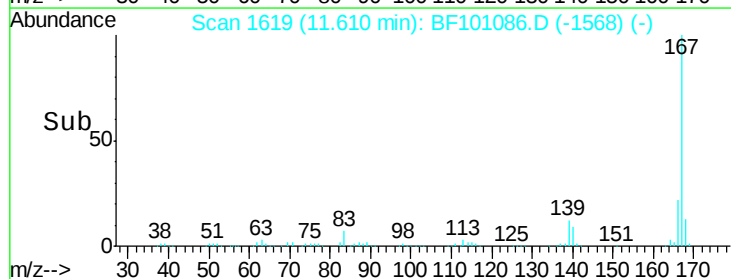
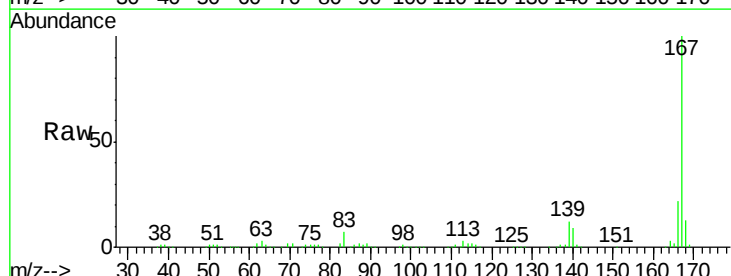
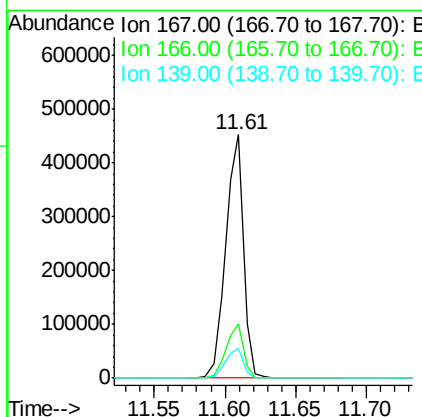
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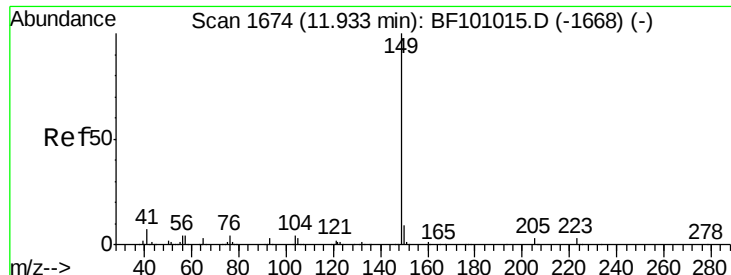
Sohil
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#72
 Carbazole
 Concen: 38.80 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.10 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

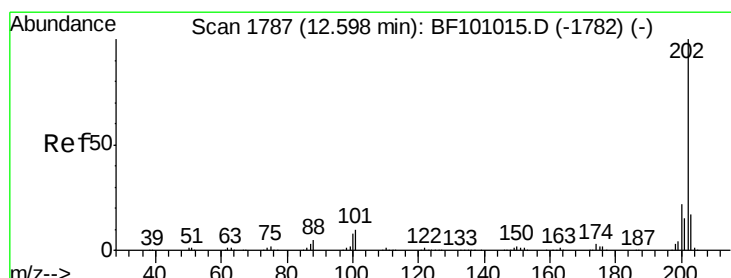
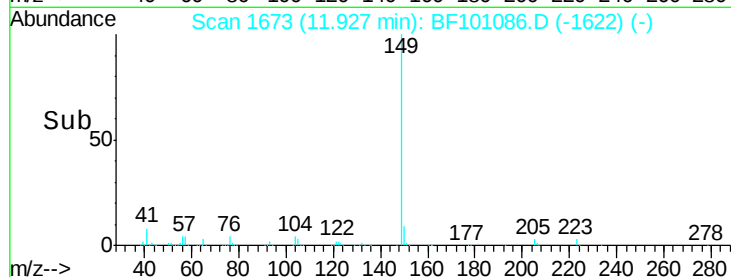
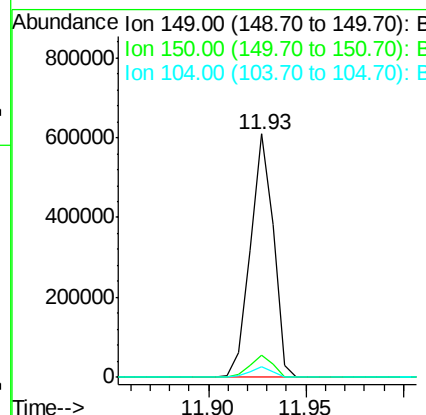
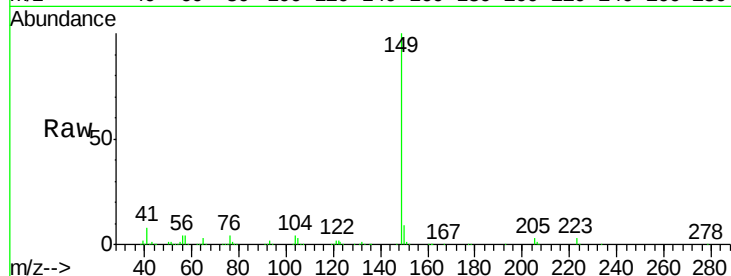
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	497981
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.6
104	4.2	3.8	5.8

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#74

Fluoranthene

Concen: 37.78 ng

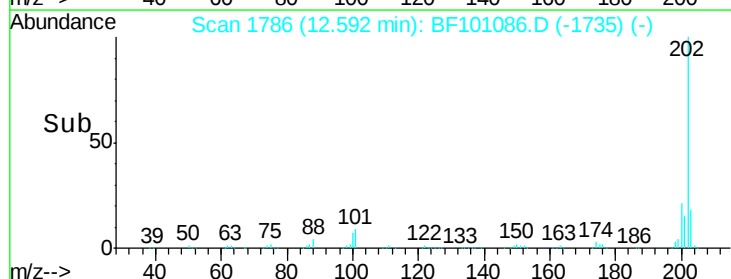
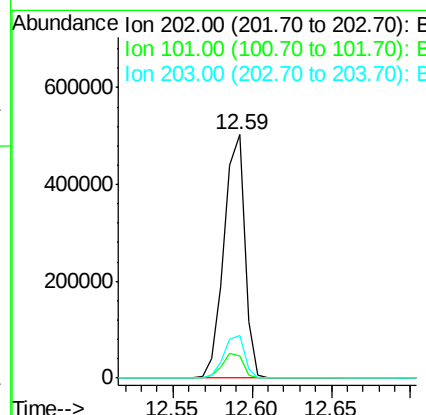
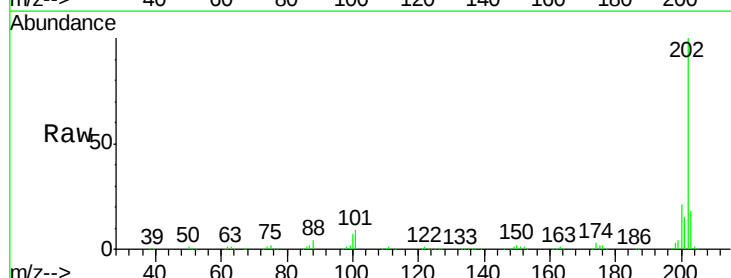
RT: 12.59 min Scan# 1786

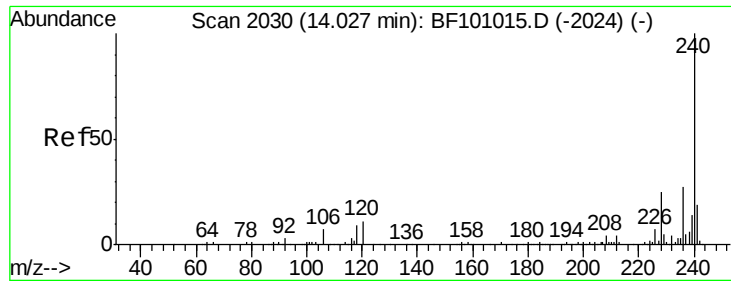
Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:	202	Resp:	460172
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

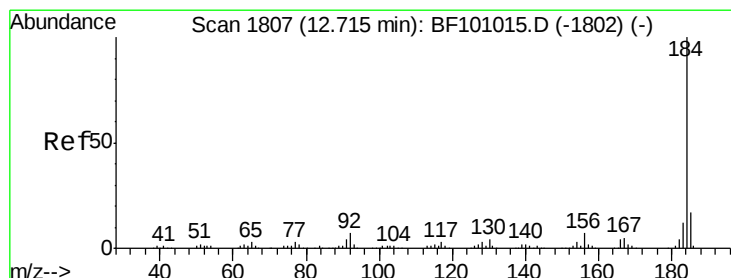
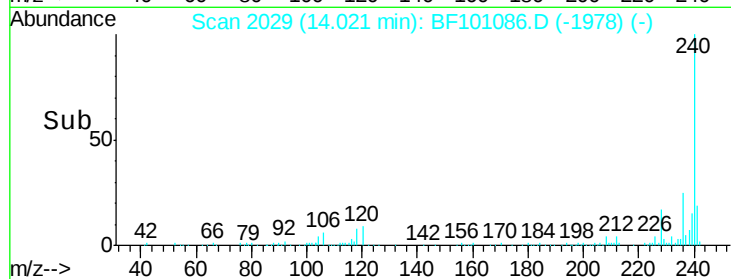
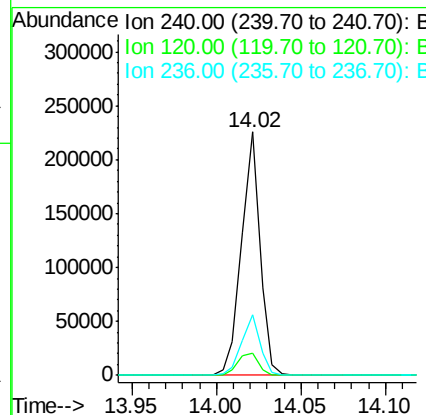
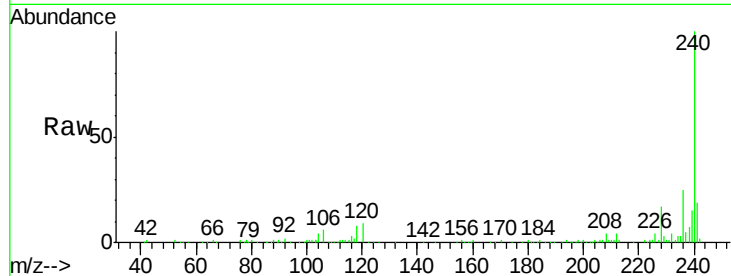
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	172399		
120	8.9	9.5	14.3	
236	24.6	20.7	31.1	

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#76

Benzidine

Concen: 42.01 ng

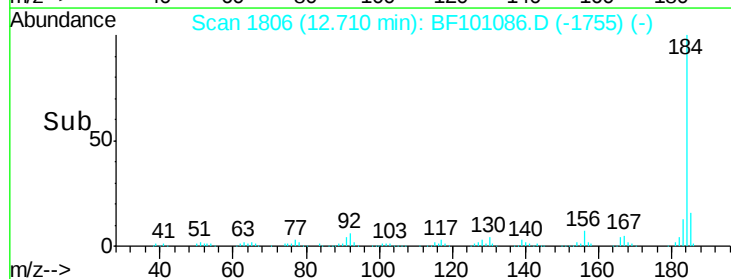
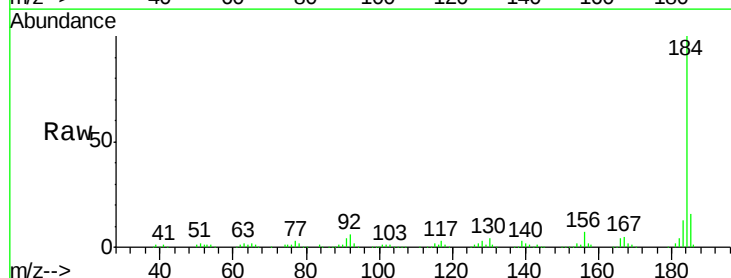
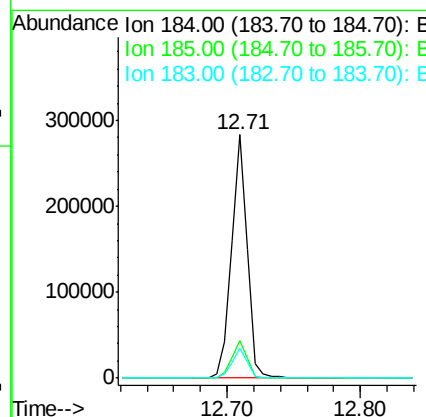
RT: 12.71 min Scan# 1806

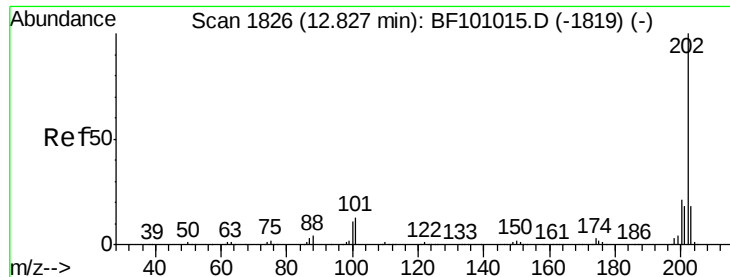
Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	235518		
185	15.5	12.6	18.8	
183	12.5	9.3	13.9	





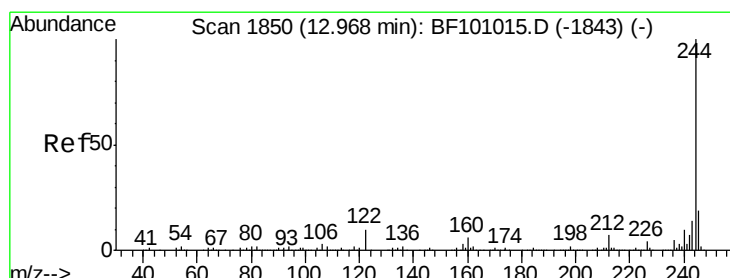
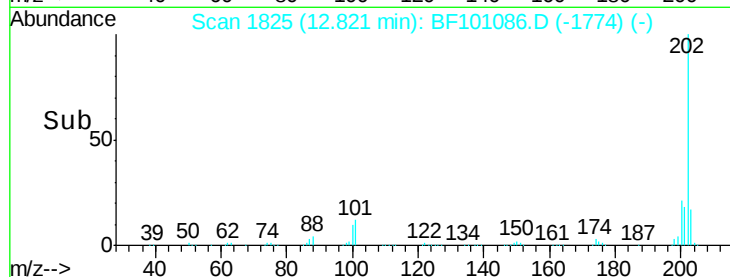
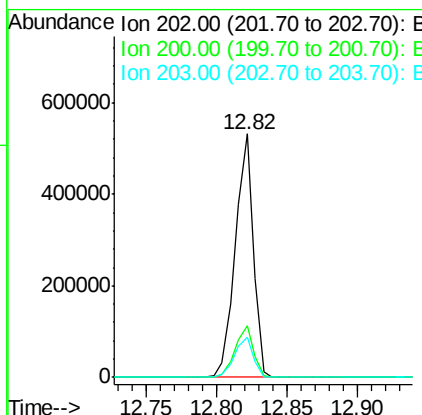
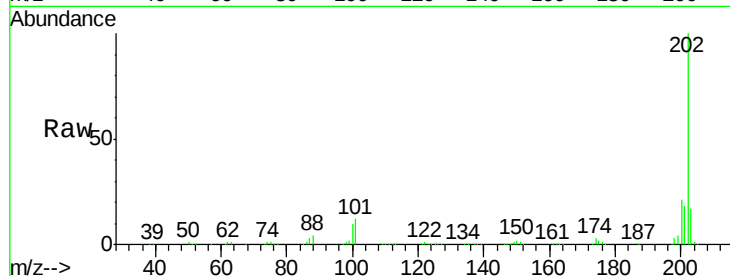
#77
Pvrene
Concen: 39.71 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	16.6	14.3	21.5

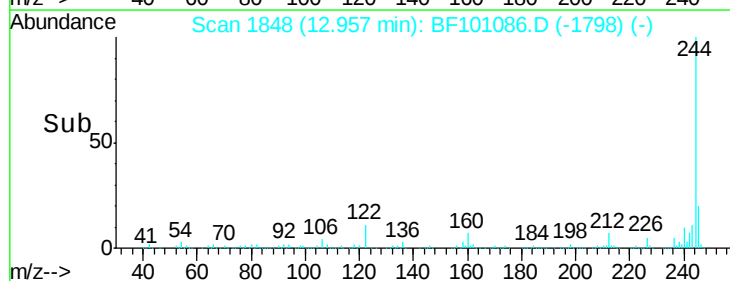
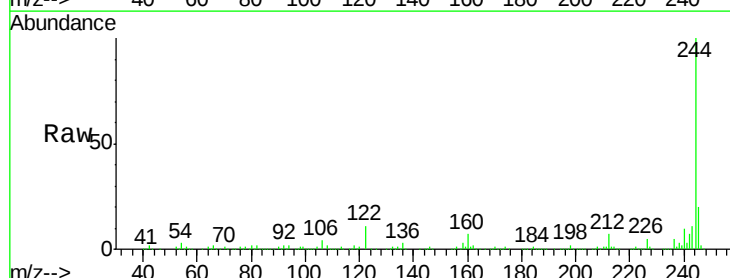
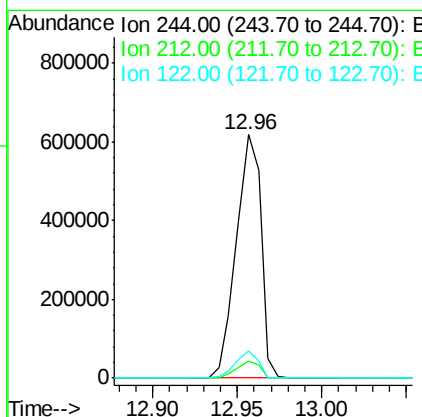
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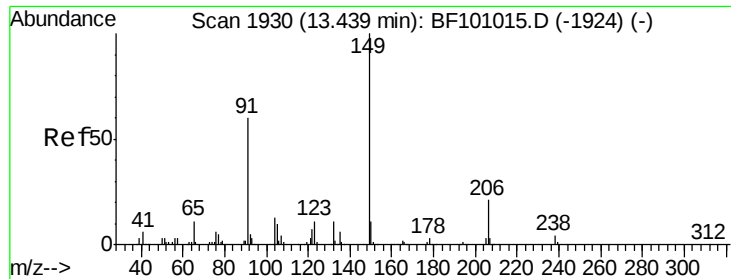
Sohil
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#78
Terphenyl-d14
Concen: 79.97 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.3	11.0	16.4





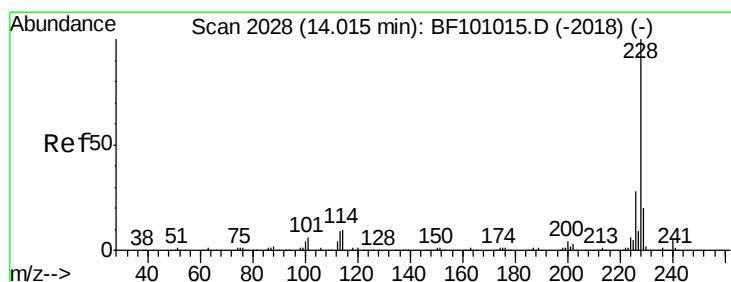
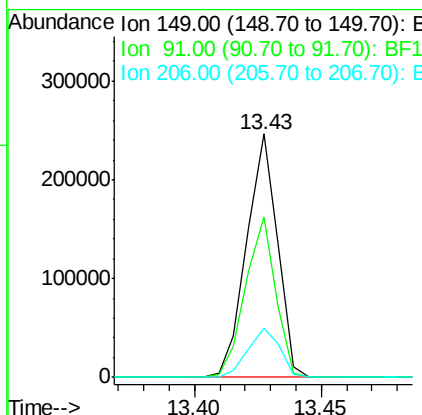
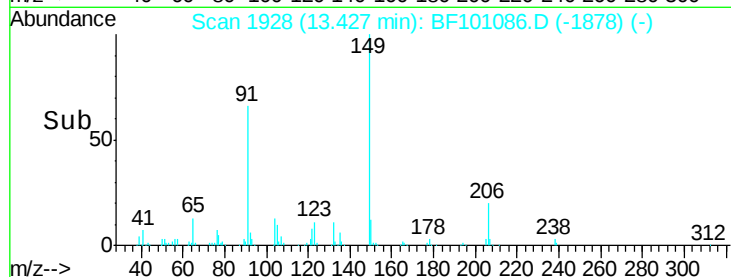
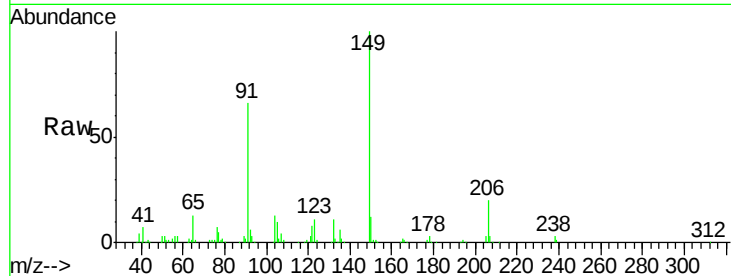
#79
Butylbenzylphthalate
Concen: 39.76 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	66.0	56.8	85.2
206	20.1	14.1	21.1

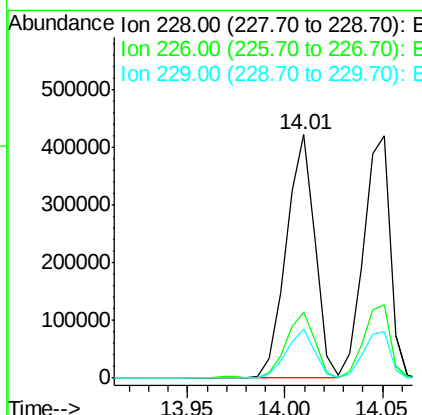
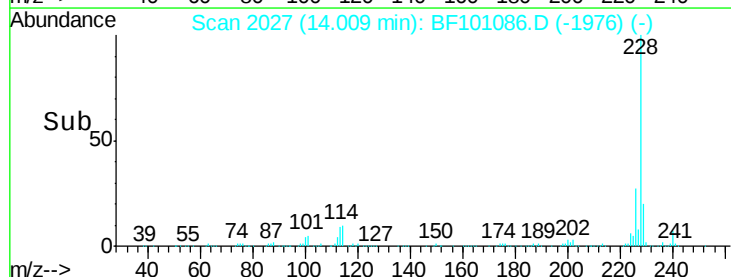
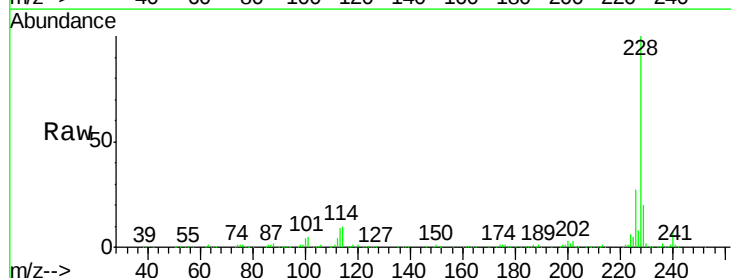
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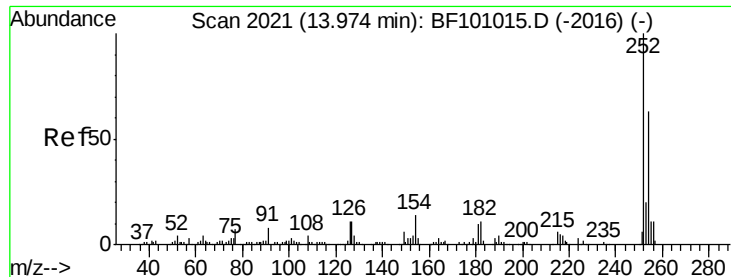
Sohil
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#80
Benzo(a)anthracene
Concen: 39.45 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.9	15.8	23.6





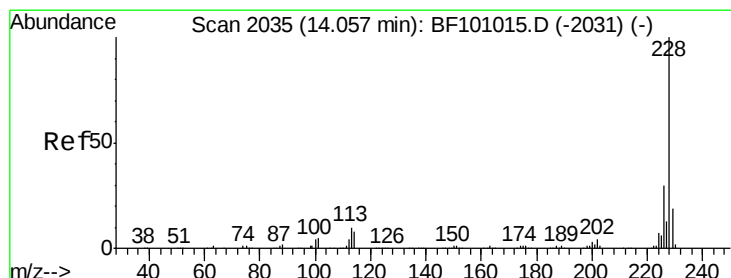
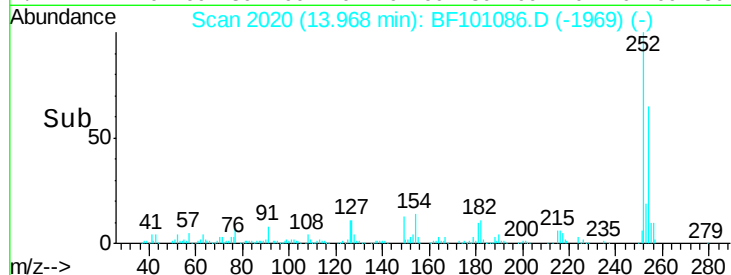
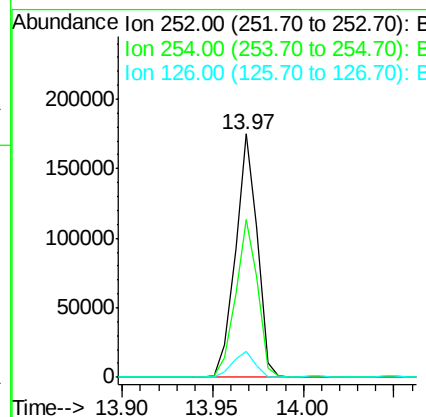
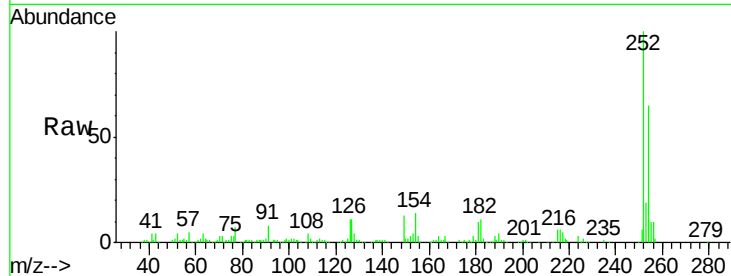
#81
 3,3'-Dichlorobenzidine
 Concen: 38.94 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	50.4	75.6
126	10.6	11.3	16.9#

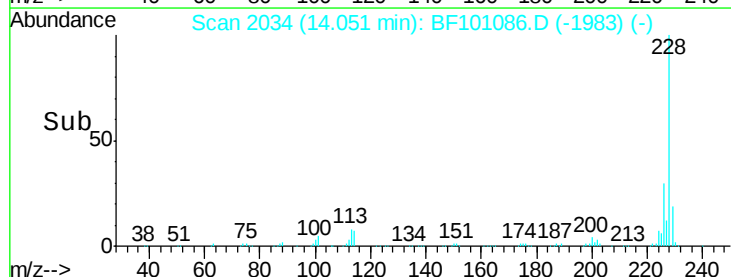
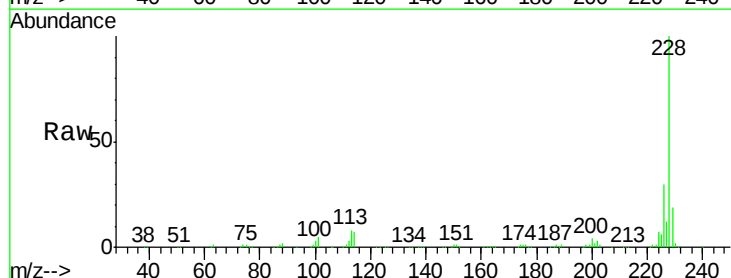
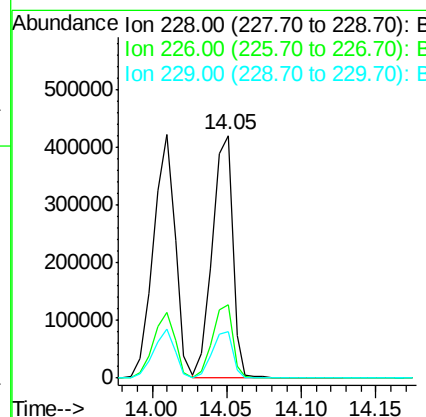
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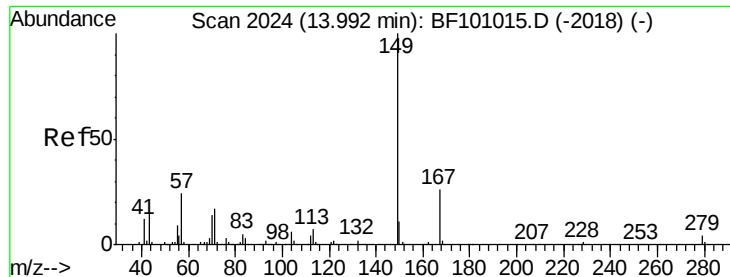
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#82
 Chrysene
 Concen: 39.43 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.0	25.0	37.6
229	19.3	16.2	24.4





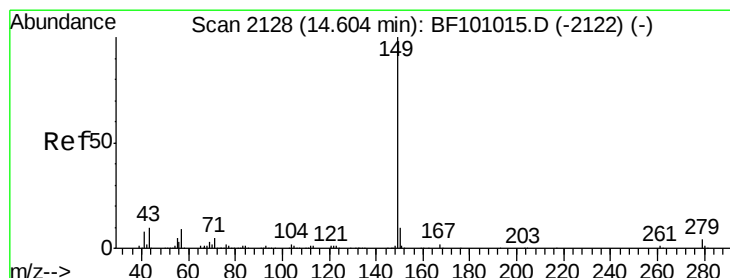
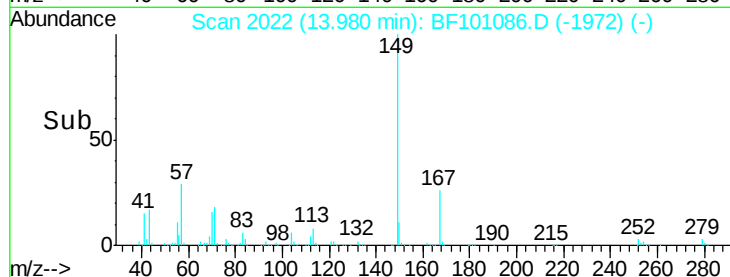
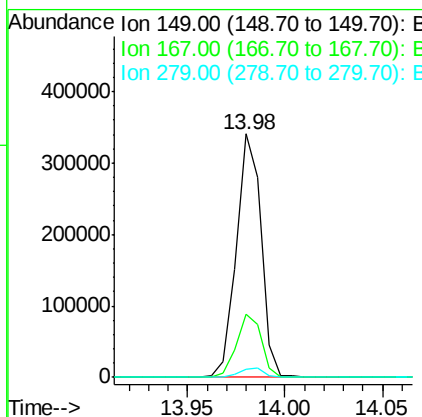
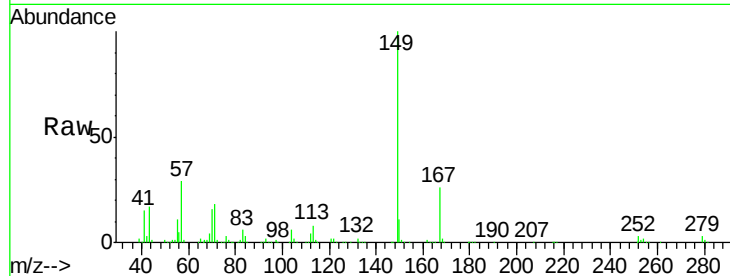
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.06 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	299552		
167	25.7	21.3	31.9	
279	3.4	3.0	4.4	

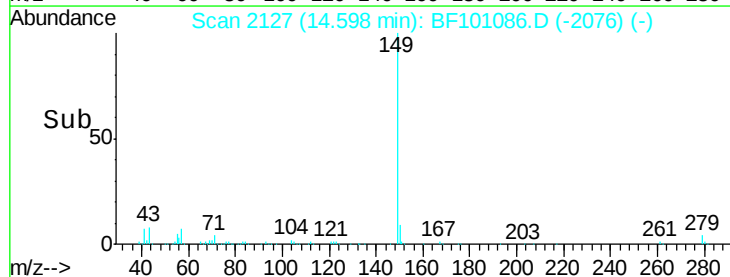
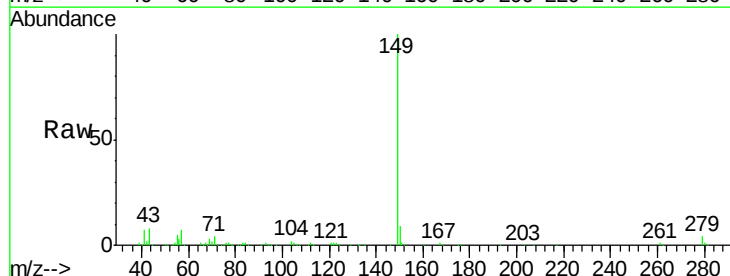
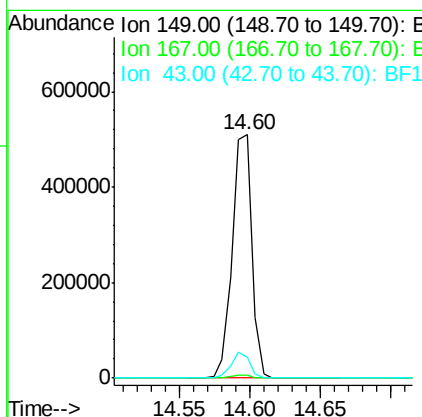
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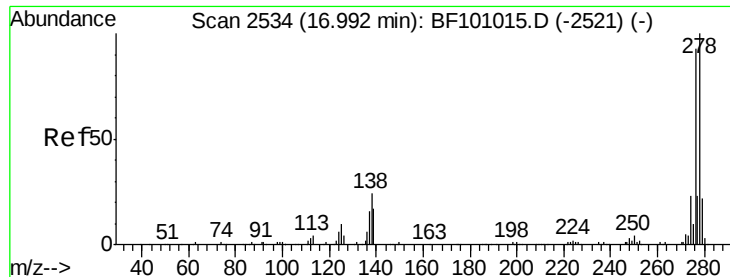
Sohil
 12/5/2017 3:23:28 PM



#84
 Di-n-octyl phthalate
 Concen: 39.81 ng
 RT: 14.60 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BF101086.D
 Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	495647		
167	1.4	1.2	1.8	
43	10.2	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.10 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 360408
Ion Ratio Lower Upper

276 100

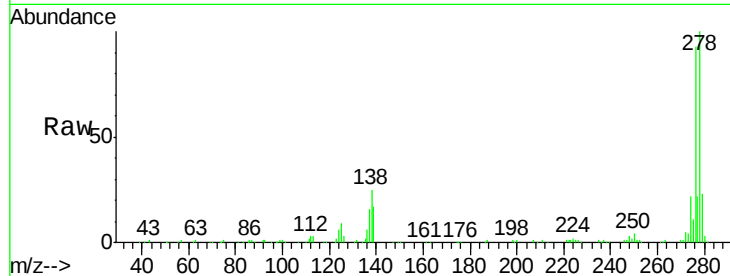
138 23.8 25.0 37.6#

277 24.6 20.1 30.1

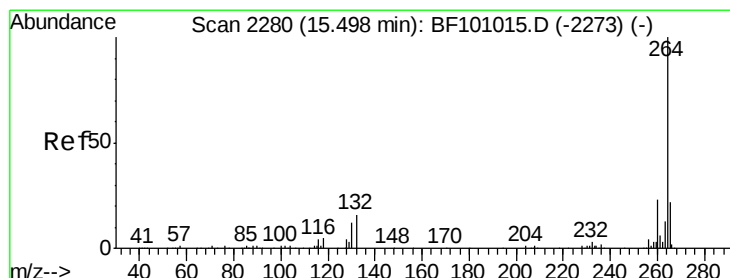
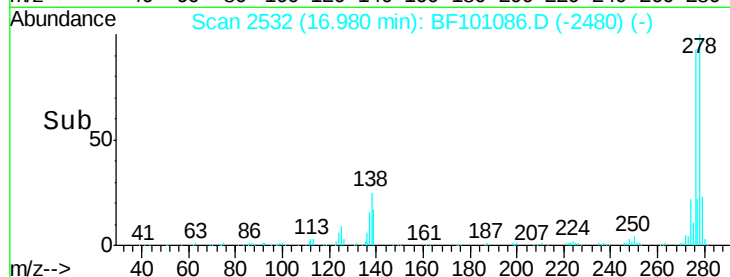
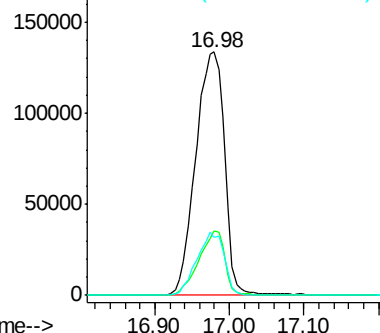
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF101086.D

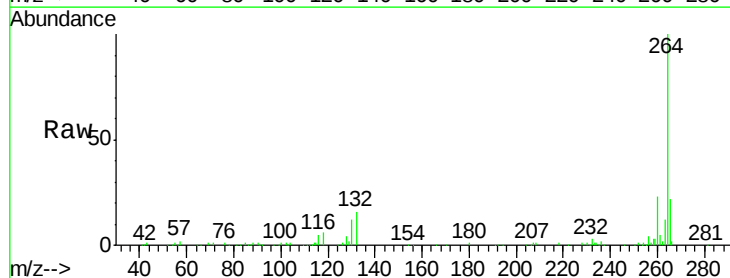
Acq: 4 Dec 2017 9:57

Tgt Ion:264 Resp: 160781
Ion Ratio Lower Upper

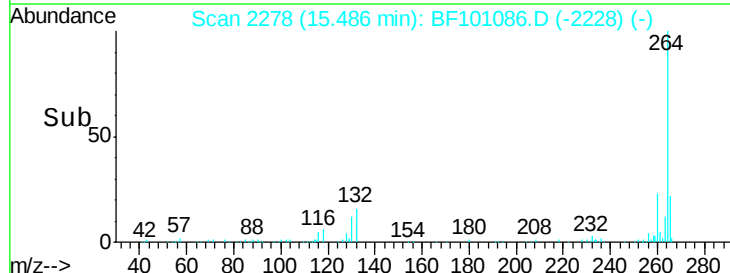
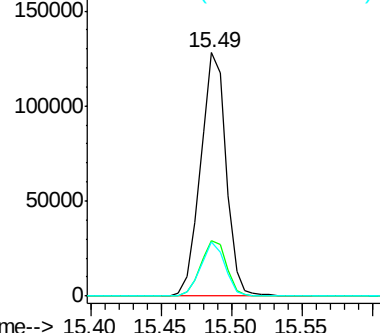
264 100

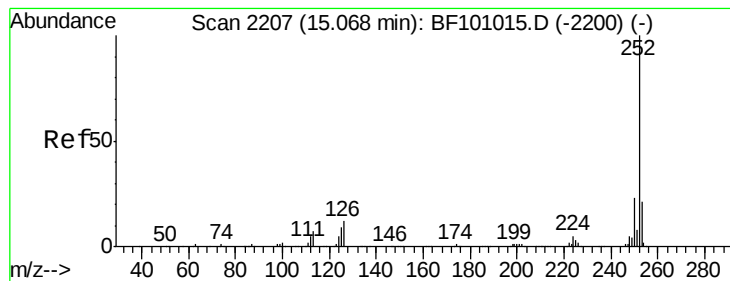
260 22.8 19.2 28.8

265 22.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.25 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

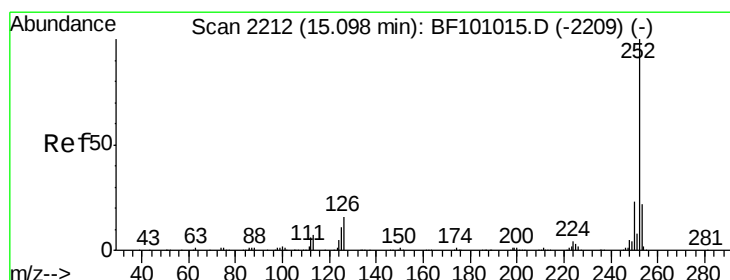
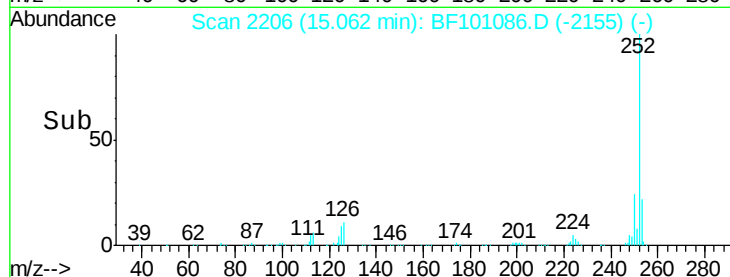
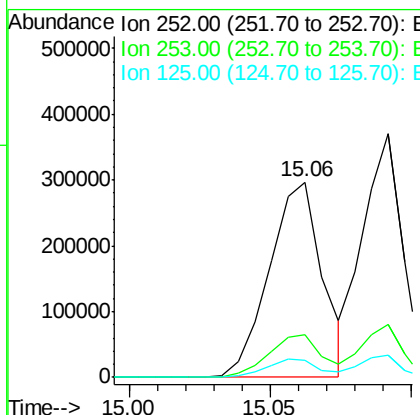
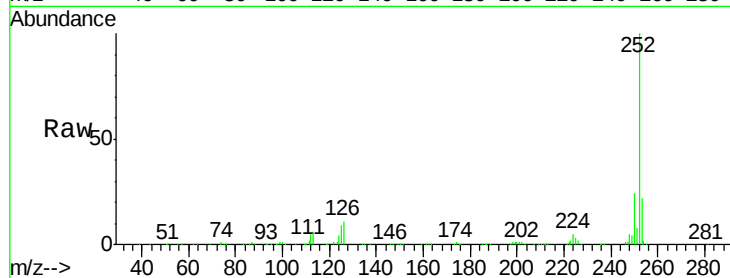
ClientSampleId :

SSTDCCC040

Tot Ion:252	Resp:	387631
Ion Ratio	Lower	Upper
252	100	
253	21.7	17.0 25.6
125	8.9	9.0 13.6#

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#88

Benzo(k)fluoranthene

Concen: 38.35 ng

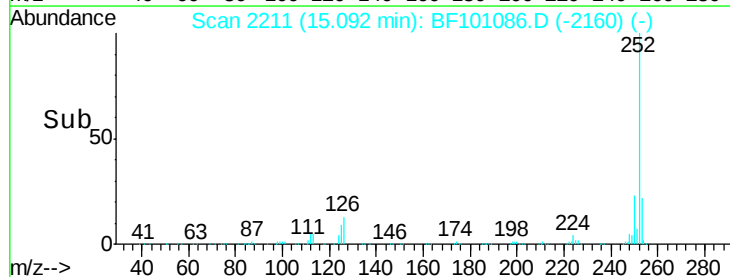
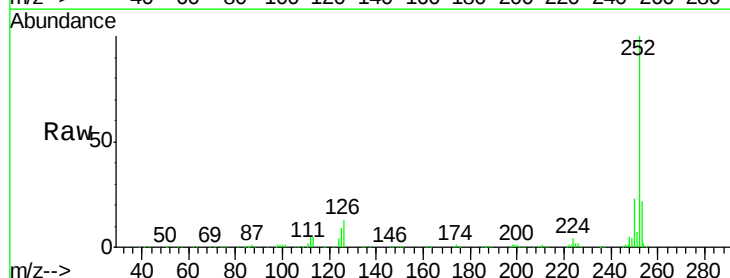
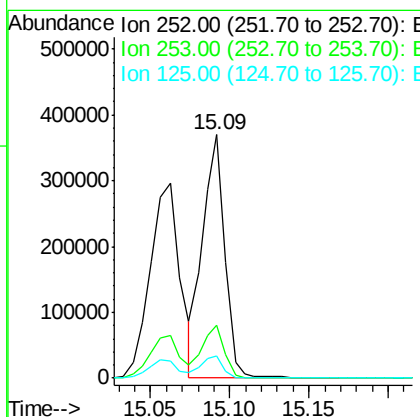
RT: 15.09 min Scan# 2211

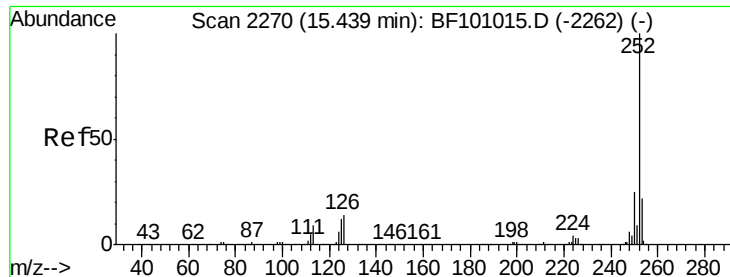
Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Tgt Ion:252	Resp:	363852
Ion Ratio	Lower	Upper
252	100	
253	21.6	17.9 26.9
125	8.9	10.2 15.2#





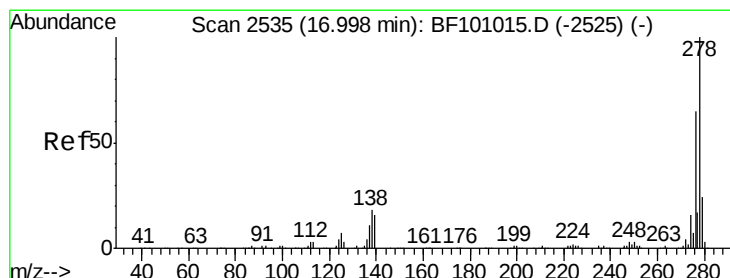
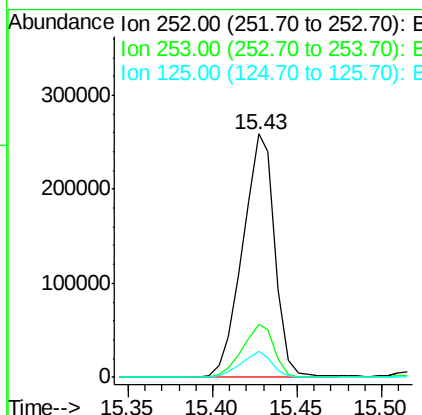
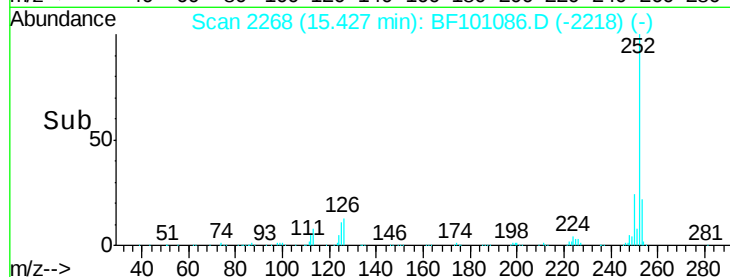
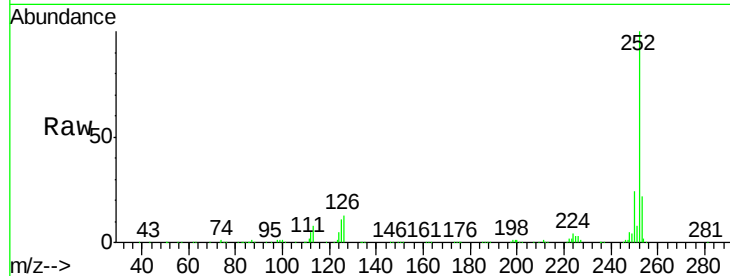
#89
Benzo(a)pyrene
Concen: 39.29 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	10.6	9.8	14.6

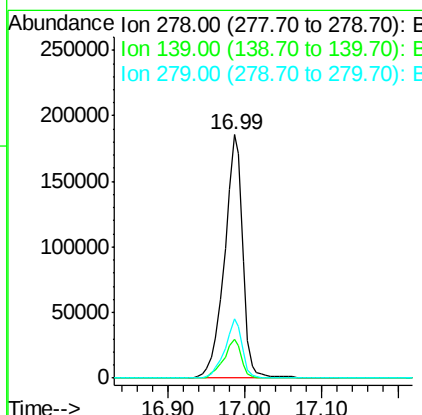
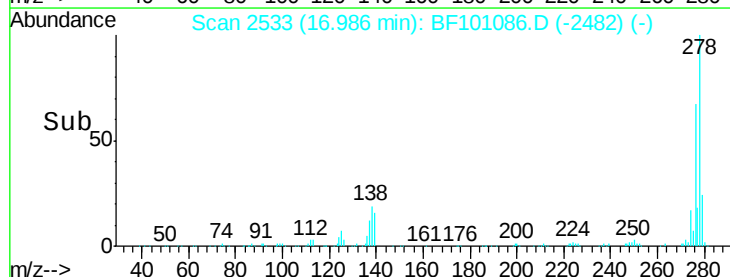
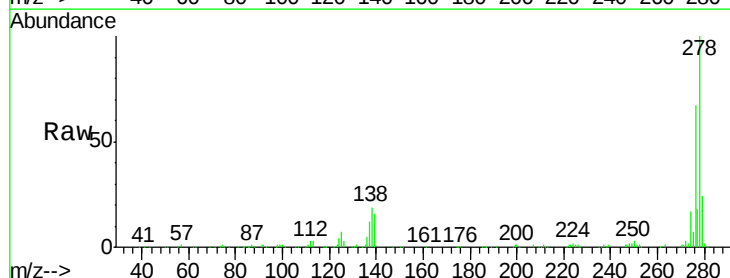
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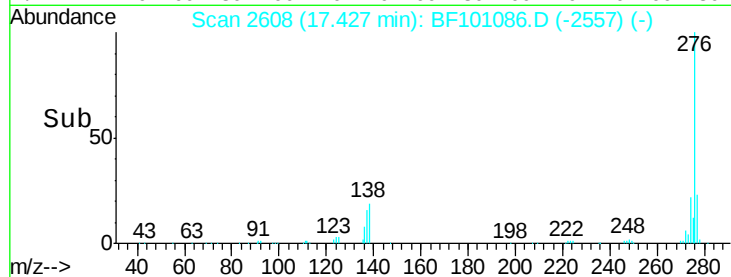
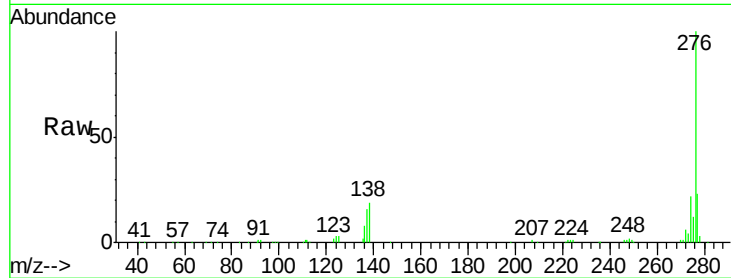
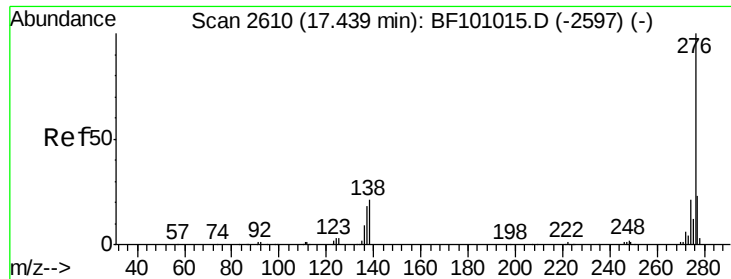
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 39.50 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.00 min
Lab File: BF101086.D
Acq: 4 Dec 2017 9:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	15.9	23.9
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 40.36 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BF101086.D

Acq: 4 Dec 2017 9:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	18.8	21.8	32.8

Manual Integrations
APPROVED

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12/5/2017 3:23:28 PM

