

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101113.D
 Acq On : 5 Dec 2017 10:08
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:09 PM

Quant Time: Dec 05 12:52:16 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	46977	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	185818	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89779	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	188105	20.00	ng	0.00
75) Chrysene-d12	14.03	240	166843	20.00	ng	0.00
86) Perylene-d12	15.50	264	160645	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	234890	82.62	ng	0.00
7) Phenol-d6	6.49	99	277262	80.33	ng	0.00
23) Nitrobenzene-d5	7.42	82	252576	81.08	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	88579	82.13	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	536690	81.79	ng	0.00
78) Terphenyl-d14	12.96	244	600891	78.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	47634	40.520	ng	98
3) Pyridine	3.36	79	125734	41.258	ng	88
4) n-Nitrosodimethylamine	3.33	42	63041	42.354	ng	# 88
6) Aniline	6.52	93	177664	39.584	ng	100
8) 2-Chlorophenol	6.63	128	124354	40.118	ng	97
9) Benzaldehyde	6.40	77	79331	37.553	ng	98
10) Phenol	6.50	94	153762	40.064	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	113371	39.383	ng	97
12) 1,3-Dichlorobenzene	6.79	146	146325	40.541	ng	97
13) 1,4-Dichlorobenzene	6.87	146	148401	39.713	ng	96
14) 1,2-Dichlorobenzene	7.02	146	137566	39.468	ng	97
15) Benzyl Alcohol	6.99	79	106987	40.133	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	132613	33.890	ng	96
17) 2-Methylphenol	7.10	107	98225	39.244	ng	99
18) Hexachloroethane	7.36	117	48450	40.356	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	90172	38.792	ng	93
20) 3+4-Methylphenols	7.26	107	128577	39.390	ng	# 74
22) Acetophenone	7.26	105	180793	40.272	ng	# 94
24) Nitrobenzene	7.43	77	123958	40.603	ng	100
25) Isophorone	7.67	82	208993	39.279	ng	98
26) 2-Nitrophenol	7.75	139	67452	40.248	ng	91
27) 2,4-Dimethylphenol	7.79	122	99549	41.062	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	144118	40.301	ng	98
29) 2,4-Dichlorophenol	7.99	162	107808	40.853	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	116617	40.189	ng	92
31) Naphthalene	8.16	128	366284	39.996	ng	98
32) Benzoic acid	7.92	122	72422m	38.408	ng	
33) 4-Chloroaniline	8.20	127	150079	40.785	ng	99
34) Hexachlorobutadiene	8.26	225	72134	40.531	ng	99
35) Caprolactam	8.59	113	32410	39.409	ng	86
36) 4-Chloro-3-methylphenol	8.69	107	110006	40.243	ng	99
37) 2-Methylnaphthalene	8.85	142	247385	39.755	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	136294	41.789	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	39226	37.799	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101113.D
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 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	78259	40.932	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	85705	41.930	nq #	92
45) 1,1'-Biphenyl	9.31	154	331737	40.330	nq	98
46) 2-Chloronaphthalene	9.34	162	237813	40.710	nq	95
47) 2-Nitroaniline	9.43	65	70261	40.653	nq	95
48) Acenaphthylene	9.75	152	384137	40.014	nq	99
49) Dimethylphthalate	9.61	163	290759	40.157	nq	99
50) 2,6-Dinitrotoluene	9.68	165	62028	40.674	nq #	81
51) Acenaphthene	9.92	154	233141	40.557	nq	98
52) 3-Nitroaniline	9.85	138	70000	40.817	nq	89
53) 2,4-Dinitrophenol	9.96	184	26192	36.211	nq #	15
54) Dibenzofuran	10.10	168	333687	40.281	nq	98
55) 4-Nitrophenol	10.01	139	41646	36.008	nq	95
56) 2,4-Dinitrotoluene	10.09	165	81133	39.698	nq #	94
57) Fluorene	10.44	166	272144	40.412	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	65221	39.852	nq #	87
59) Diethylphthalate	10.30	149	286641	40.137	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	135881	40.867	nq	91
61) 4-Nitroaniline	10.46	138	70993	39.879	nq	95
62) Azobenzene	10.59	77	240866	39.742	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	48518	38.456	nq	82
65) n-Nitrosodiphenylamine	10.55	169	261136	39.351	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	83492	39.654	nq #	89
67) Hexachlorobenzene	10.99	284	86877	38.499	nq #	91
68) Atrazine	11.07	200	80413	39.503	nq	98
69) Pentachlorophenol	11.19	266	46170	37.211	nq	100
70) Phenanthrene	11.40	178	407469	39.335	nq	98
71) Anthracene	11.46	178	410047	39.111	nq	99
72) Carbazole	11.61	167	371468	38.779	nq	99
73) Di-n-butylphthalate	11.93	149	476467	39.684	nq	99
74) Fluoranthene	12.59	202	445381	38.787	nq	96
76) Benzidine	12.72	184	224447	41.369	nq	100
77) Pyrene	12.83	202	455162	39.536	nq	98
79) Butylbenzylphthalate	13.43	149	202716	39.938	nq #	90
80) Benzo(a)anthracene	14.02	228	423862	40.237	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	147576	40.451	nq #	98
82) Chrysene	14.05	228	395226	40.398	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	287352	39.704	nq	99
84) Di-n-octyl phthalate	14.60	149	495632	41.131	nq	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	358260	41.190	nq #	92
87) Benzo(b)fluoranthene	15.07	252	379356	39.425	nq	98
88) Benzo(k)fluoranthene	15.10	252	379896	40.073	nq #	96
89) Benzo(a)pyrene	15.44	252	346588	39.620	nq	97
90) Dibenzo(a,h)anthracene	17.00	278	306683	39.767	nq #	94
91) Benzo(g,h,i)perylene	17.44	276	291427	40.098	nq #	92

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

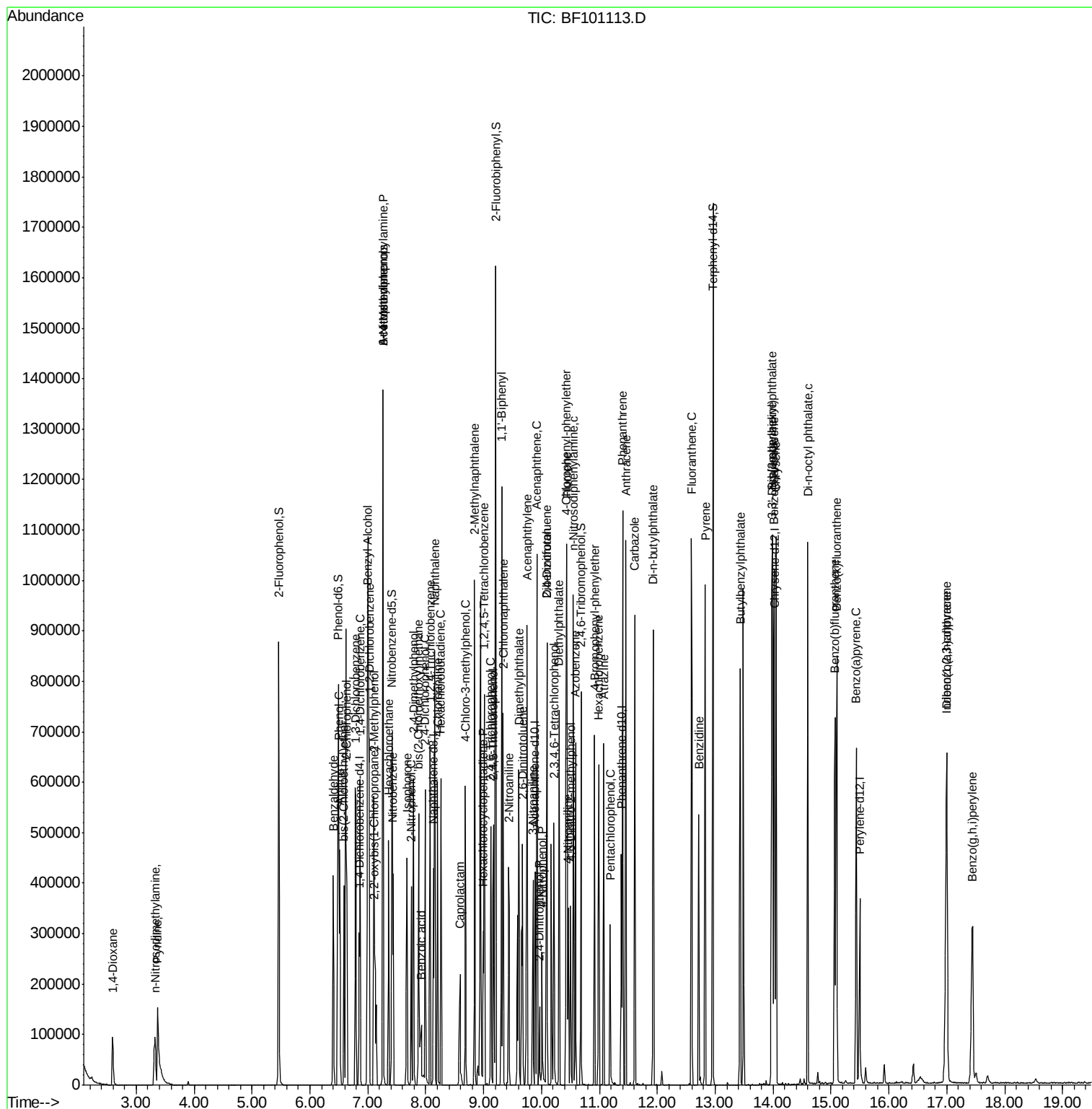
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\  
Data File : BF101113.D  
Acq On    : 5 Dec 2017 10:08  
Operator  : SJ/JU  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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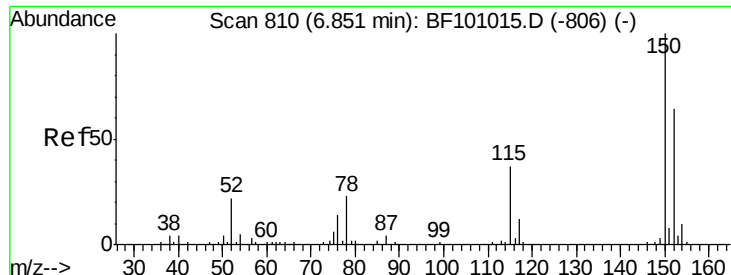
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

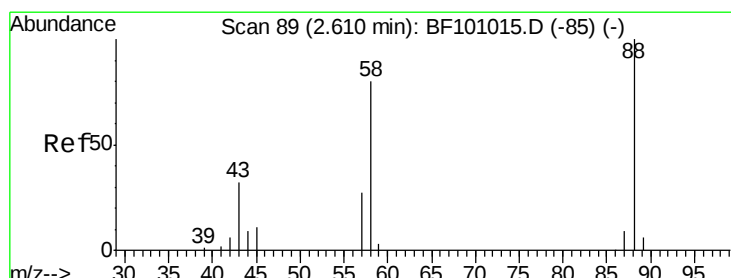
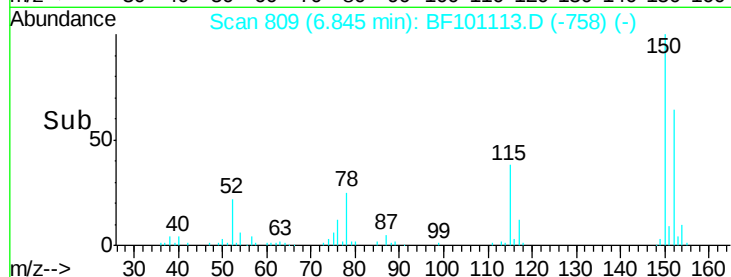
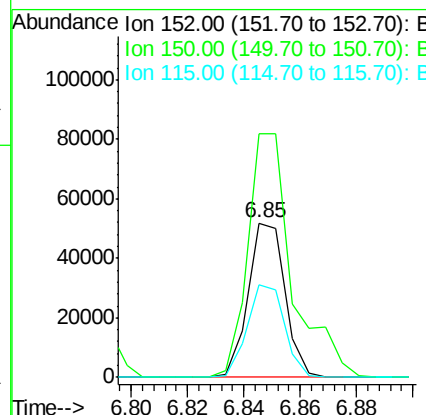
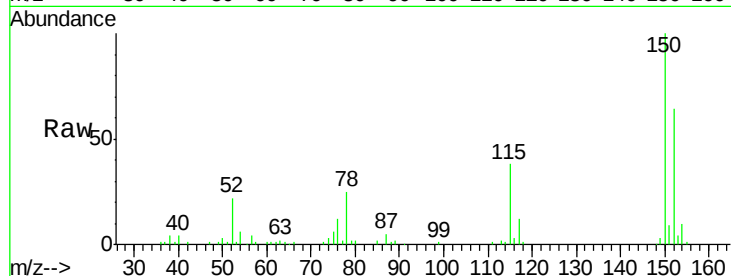
ClientSampled :

SSTDCCC040

Tot Ion:	152	Resp:	46977
Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	59.8	50.1	75.1

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#2

1,4-Dioxane

Concen: 40.520 ng

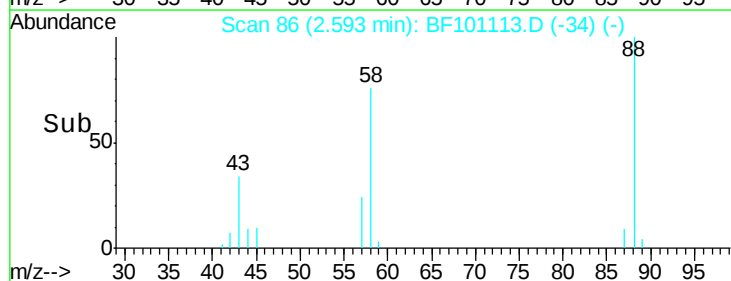
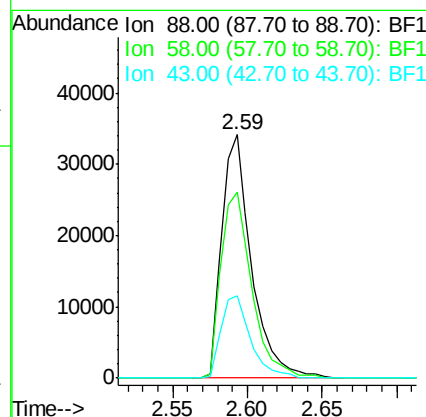
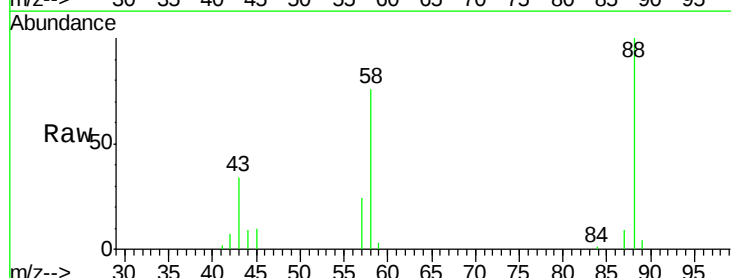
RT: 2.59 min Scan# 86

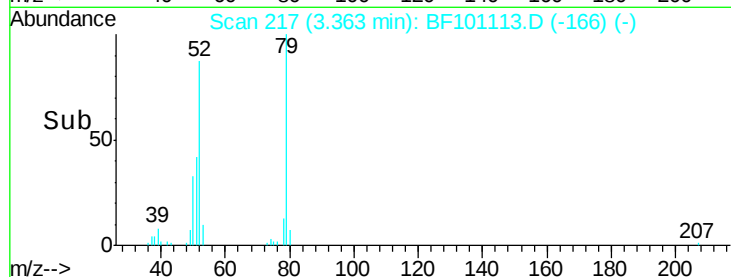
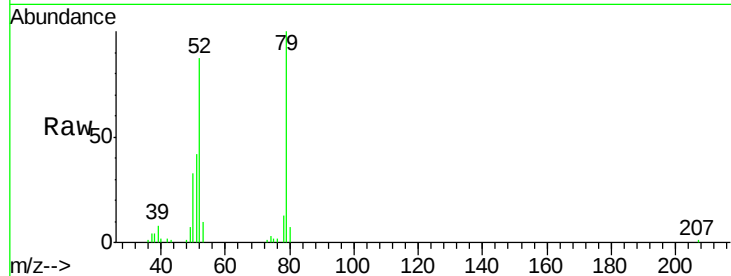
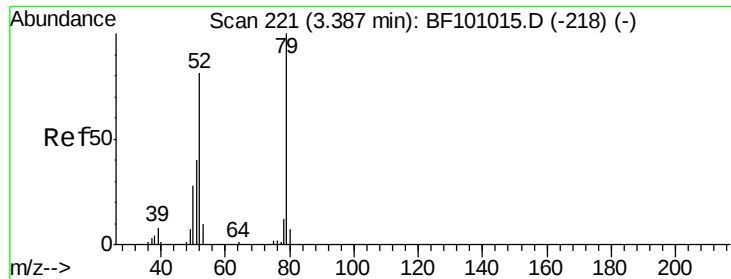
Delta R.T. 0.01 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Tgt Ion:	88	Resp:	47634
Ion	Ratio	Lower	Upper
88	100		
58	79.5	62.6	93.8
43	33.3	24.6	37.0





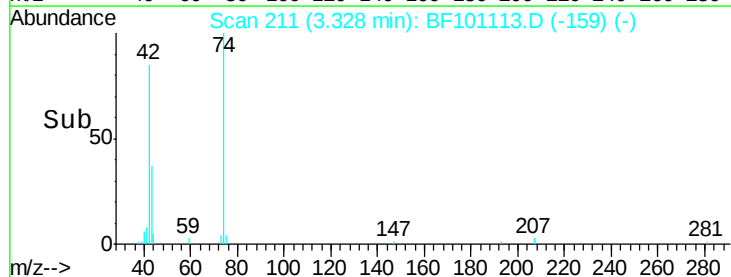
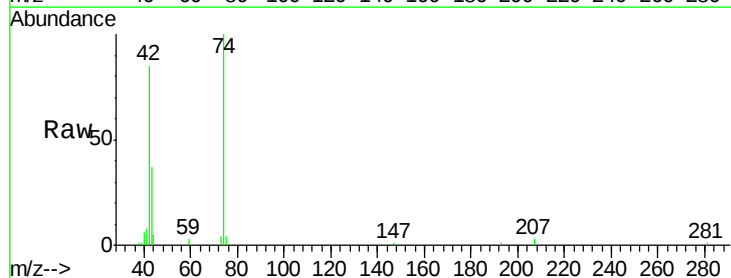
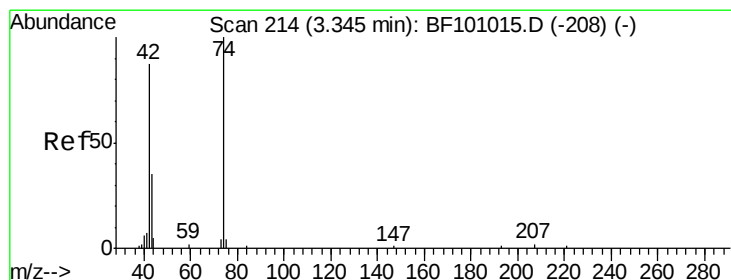
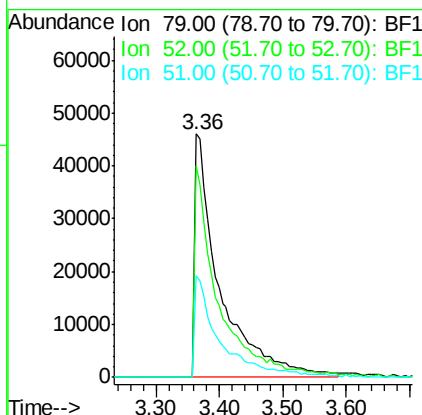
#3
 Pvridine
 Concen: 41.258 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.8	59.8	89.6
51	41.8	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

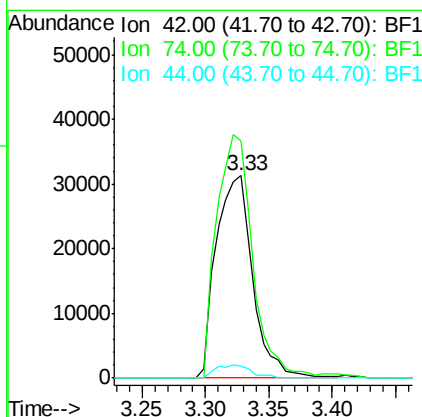
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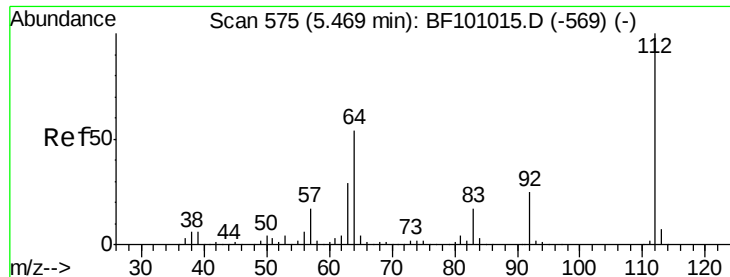
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#4
 n-Nitrosodimethylamine
 Concen: 42.354 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.01 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.0	104.9	157.3
44	6.0	6.9	10.3#





#5

2-Fluorophenol

Concen: 82.624 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

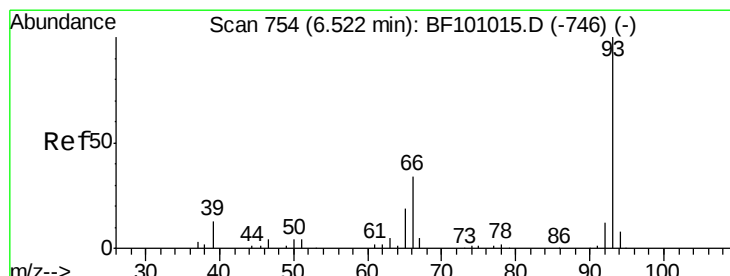
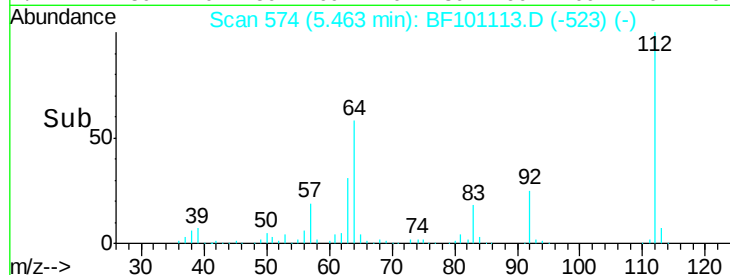
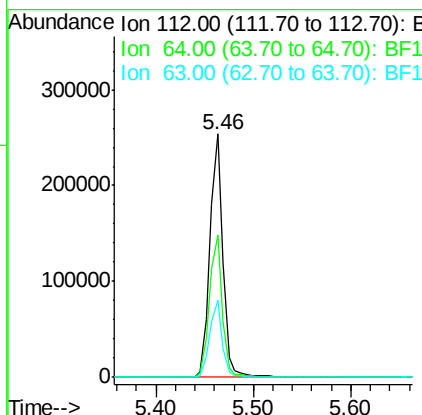
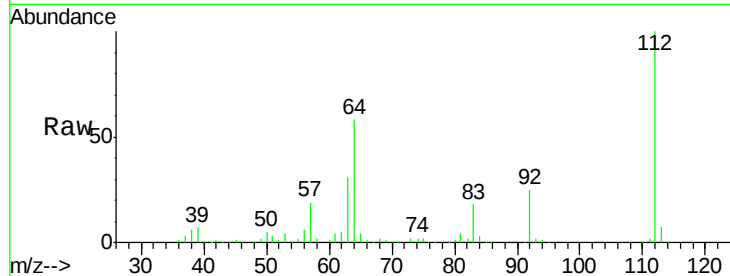
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	234890
Ion Ratio	Lower	Upper	
112	100		
64	58.3	47.9	71.9
63	31.5	23.7	35.5

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#6

Aniline

Concen: 39.584 ng

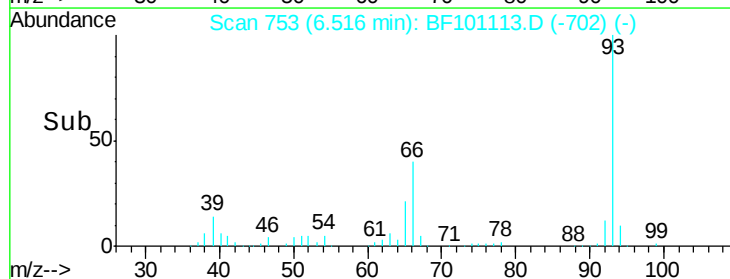
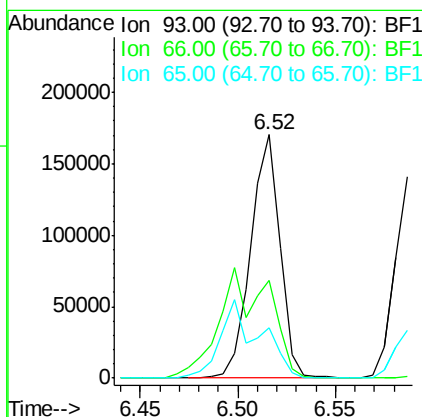
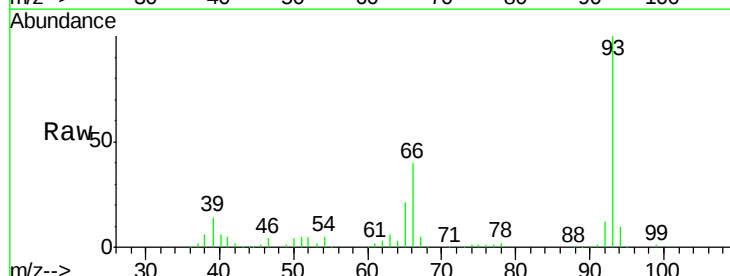
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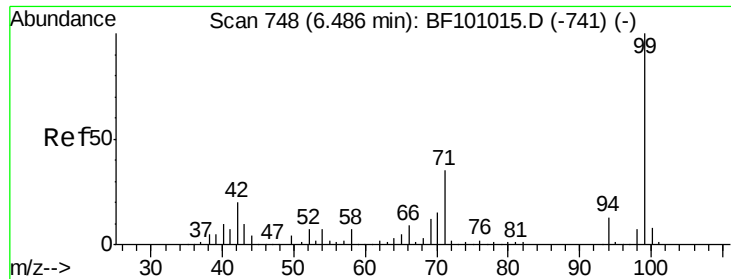
Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Tgt Ion:	93	Resp:	177664
Ion Ratio	Lower	Upper	
93	100		
66	40.3	32.2	48.2
65	20.9	16.4	24.6





#7

Phenol-d6

Concen: 80.330 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

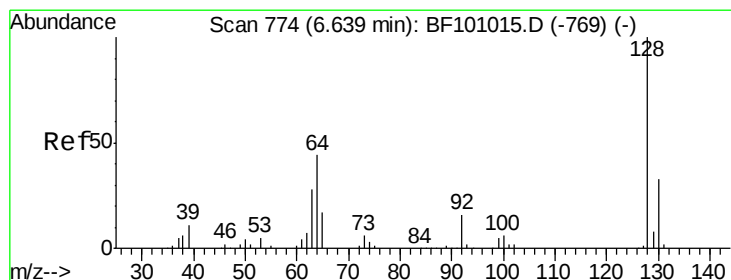
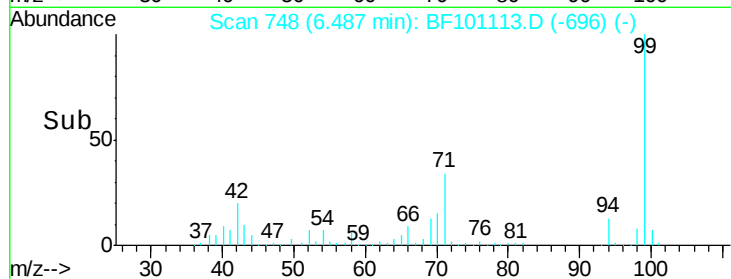
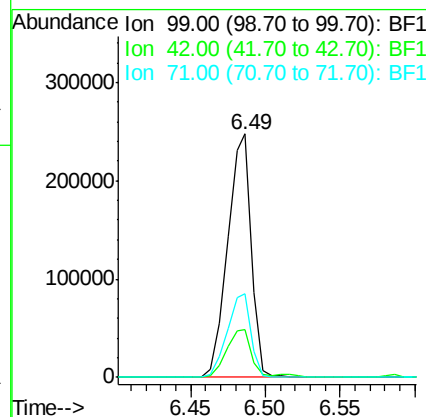
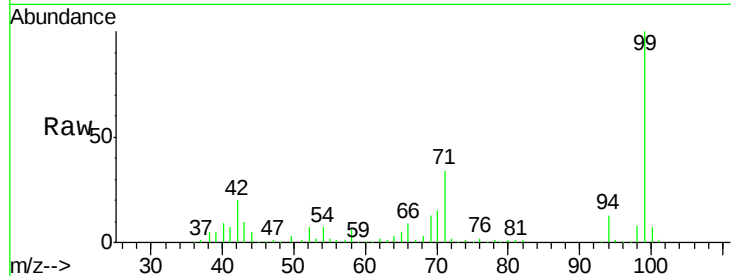
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	277262
Ion Ratio	Lower	Upper	
99	100		
42	19.7	14.5	21.7
71	34.1	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.118 ng

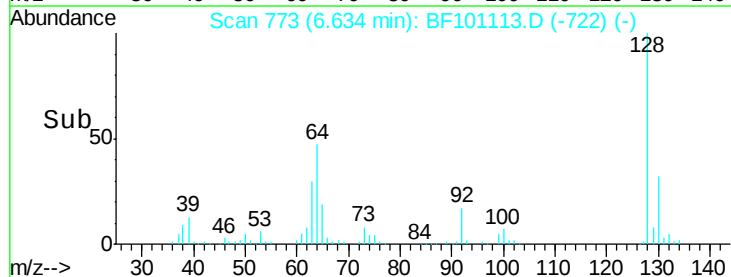
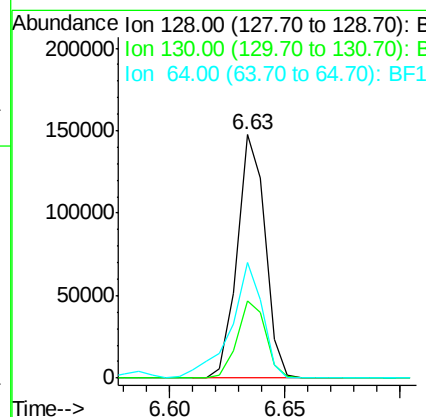
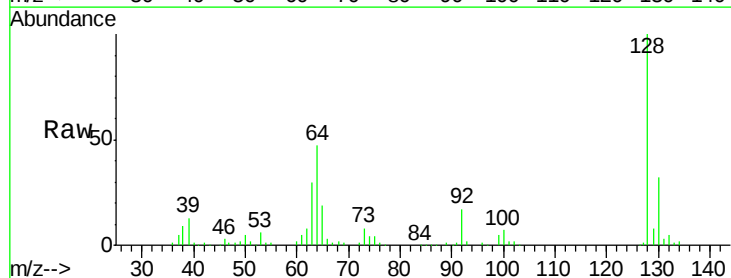
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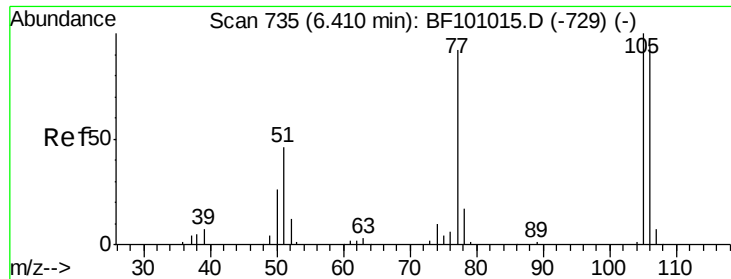
Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Tgt Ion:	128	Resp:	124354
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.0	53.0
64	47.3	29.4	69.4





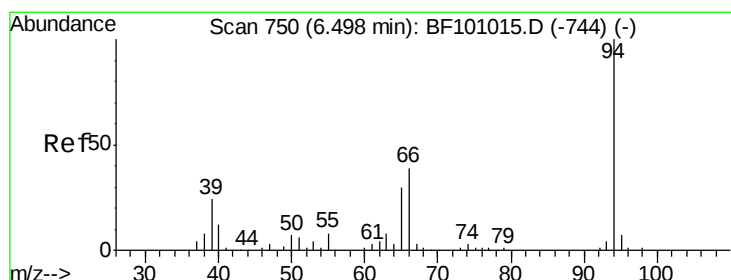
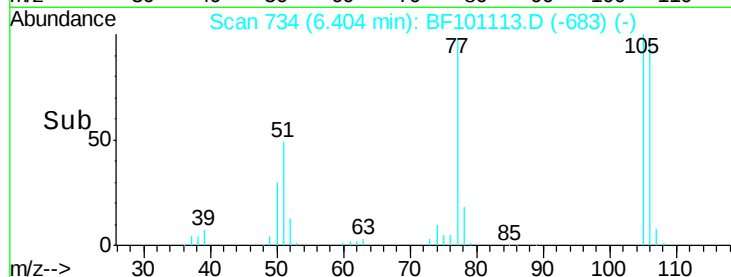
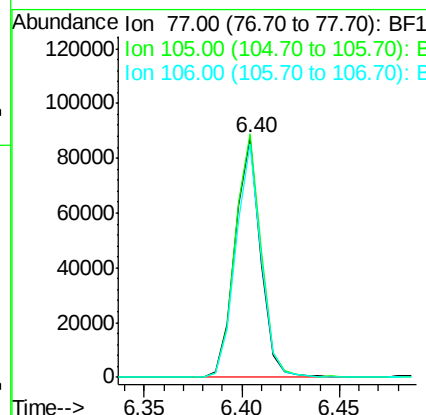
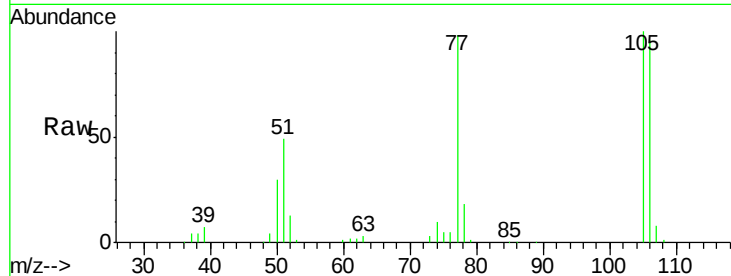
#9
Benzaldehyde
Concen: 37.553 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF101113.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	101.6	81.1	121.1
106	97.3	74.5	114.5

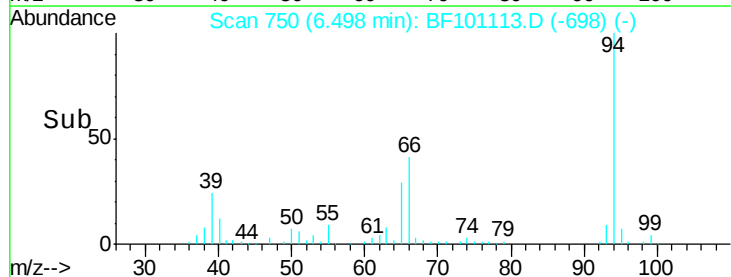
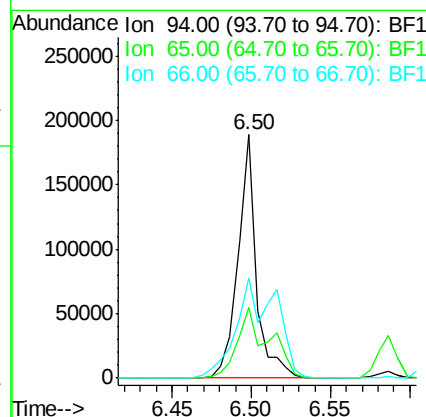
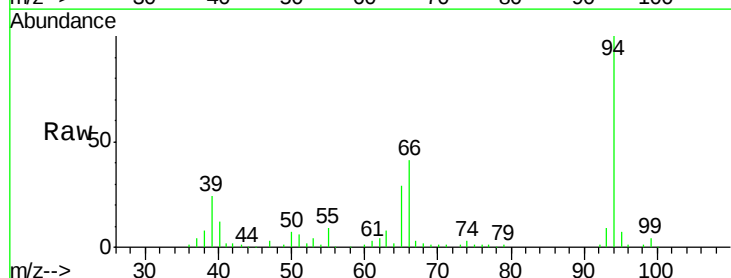
Manual Integrations
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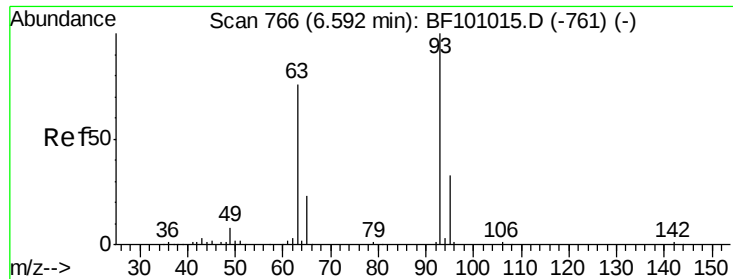
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#10
Phenol
Concen: 40.064 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.0	7.9	47.9
66	41.0	16.2	56.2





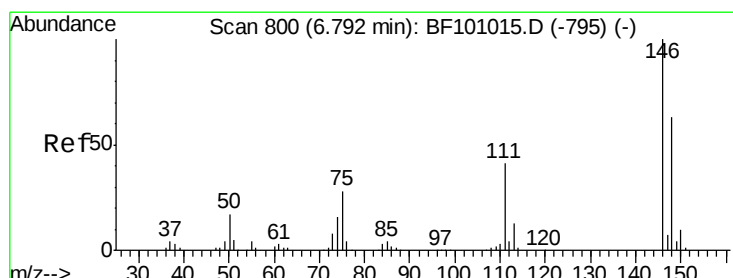
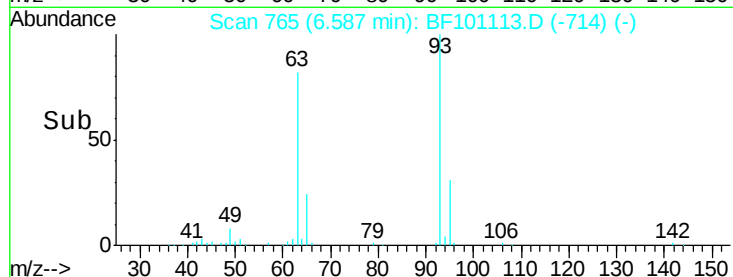
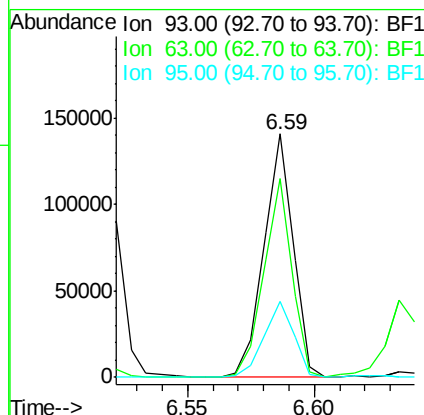
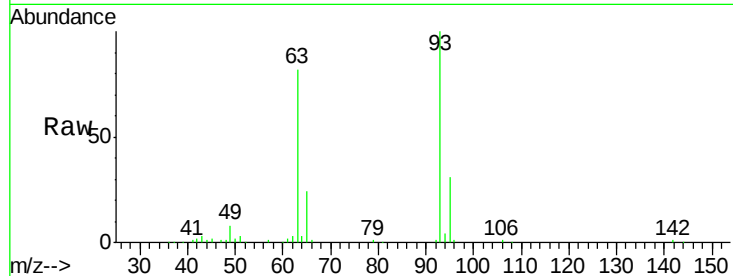
#11
bis(2-Chloroethyl)ether
Concen: 39.383 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	113371
Ion Ratio	Lower	Upper	
93	100		
63	81.6	58.6	98.6
95	31.3	11.8	51.8

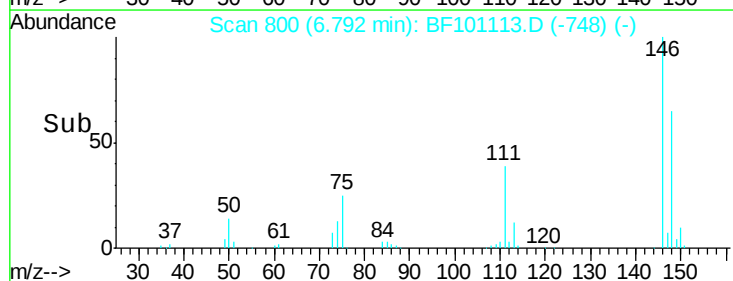
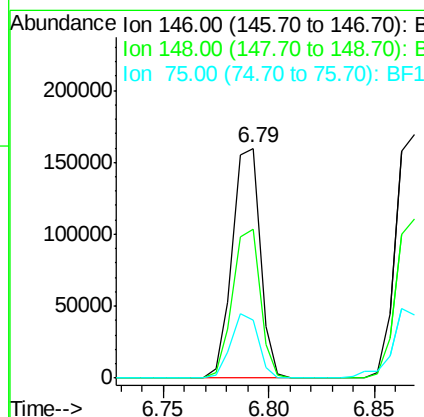
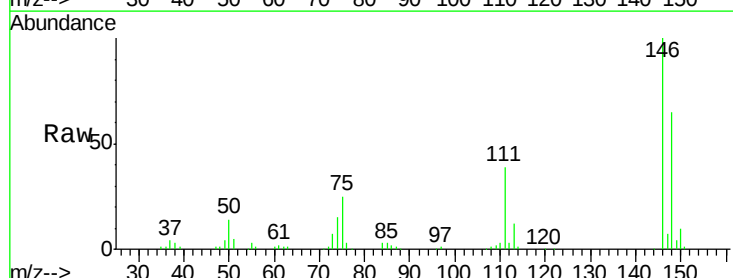
Manual Integrations
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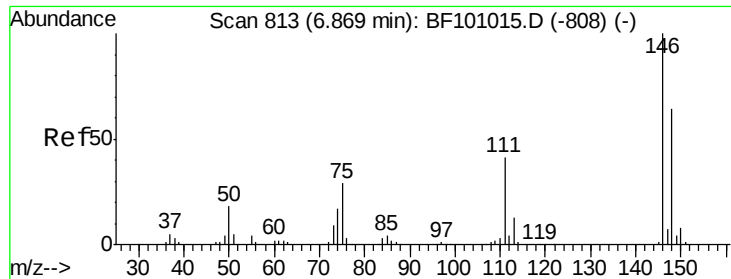
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#12
1,3-Dichlorobenzene
Concen: 40.541 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion:	146	Resp:	146325
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.8
75	25.2	24.2	36.4





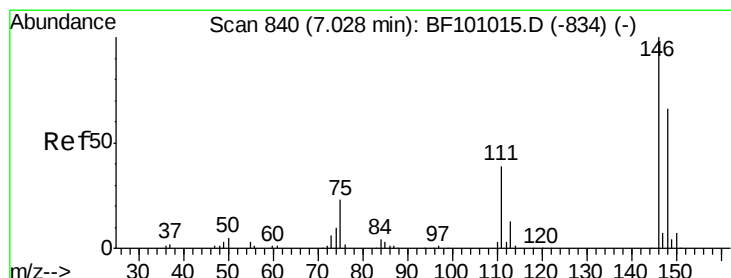
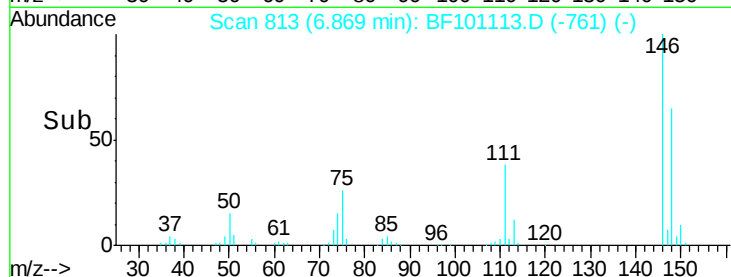
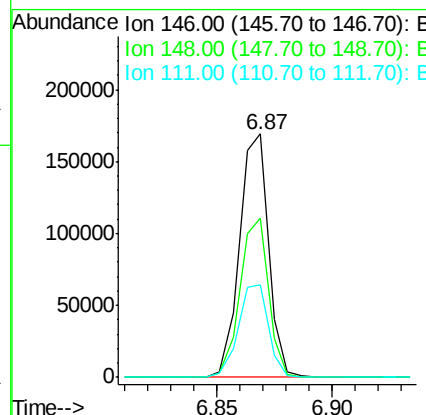
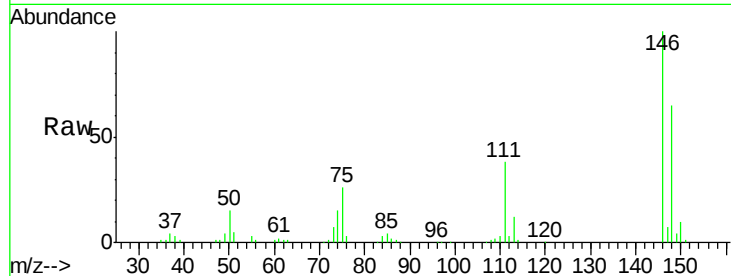
#13
 1,4-Dichlorobenzene
 Concen: 39.713 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		148401		
148	65.2	50.8	76.2		
111	38.2	34.2	51.2		

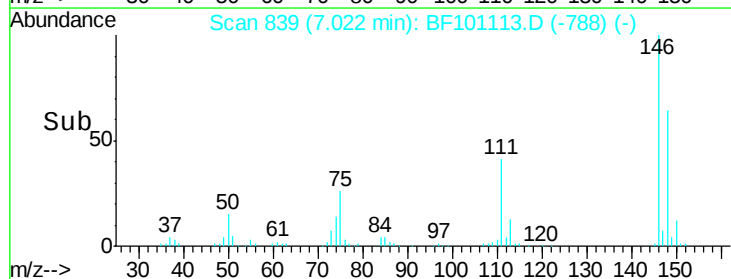
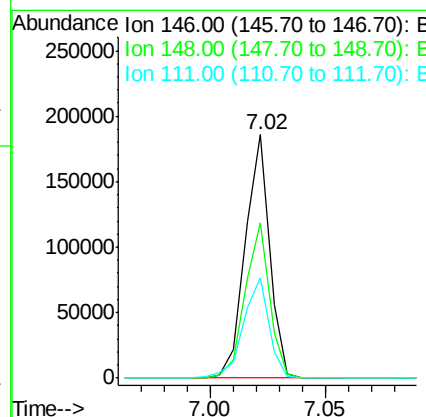
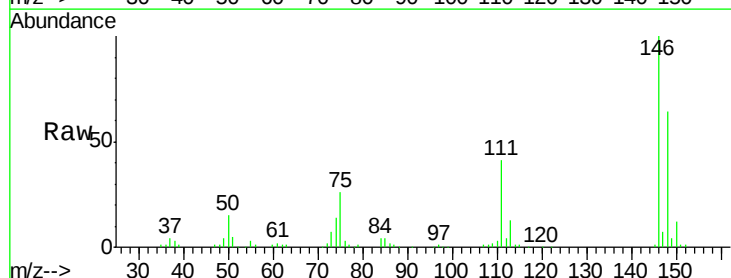
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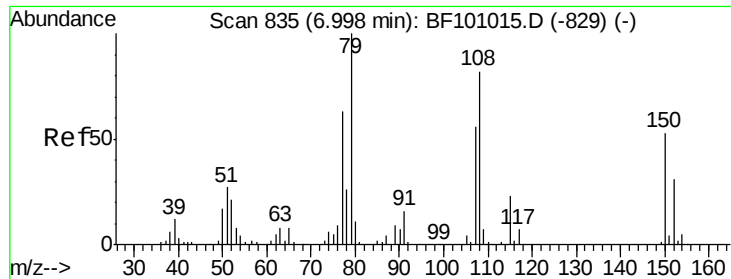
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#14
 1,2-Dichlorobenzene
 Concen: 39.468 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		137566		
148	63.5	50.6	75.8		
111	41.1	36.0	54.0		





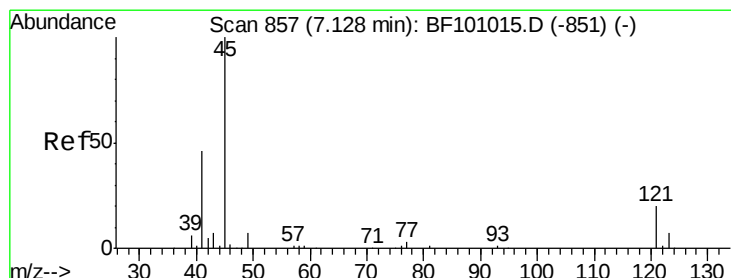
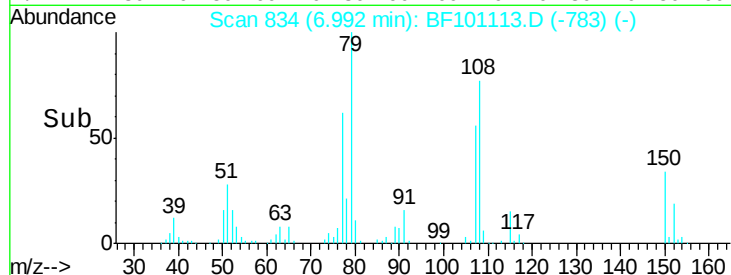
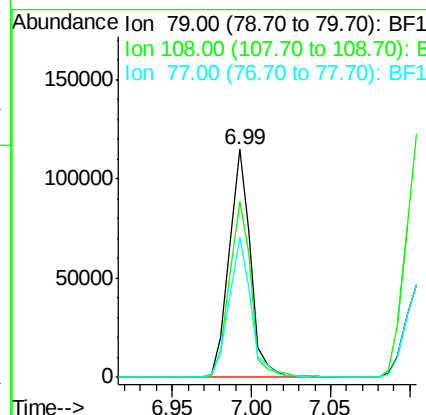
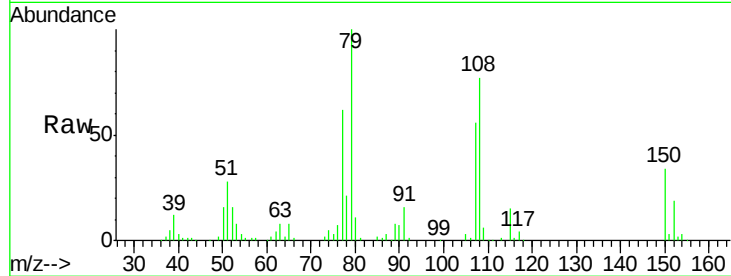
#15
Benzyl Alcohol
Concen: 40.133 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.3	65.1	97.7
77	61.6	50.6	75.8

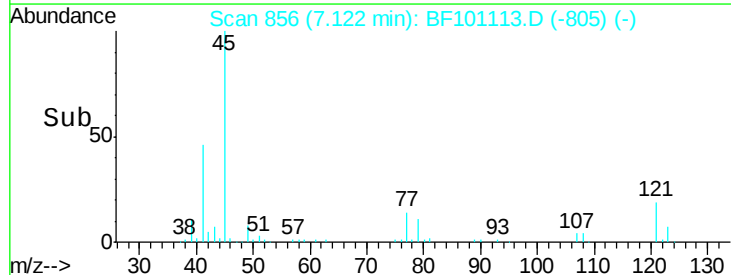
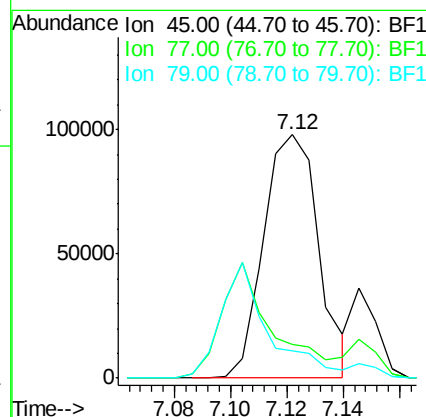
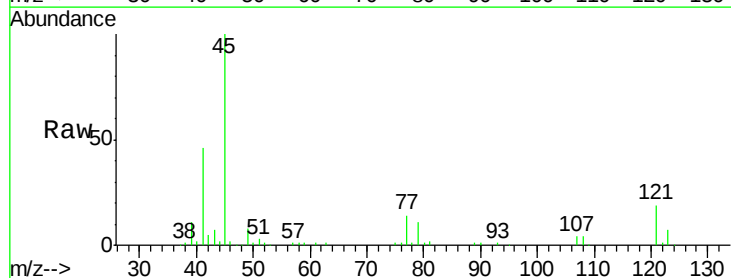
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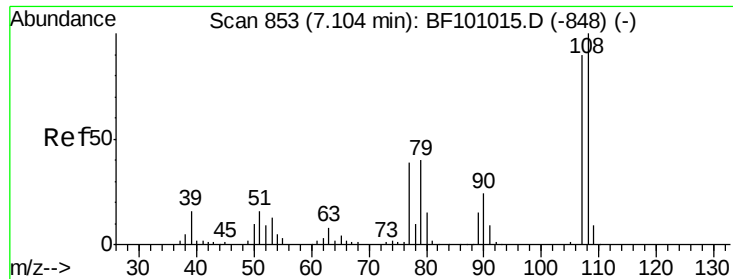
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.890 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	32.9
79	11.2	0.0	29.6





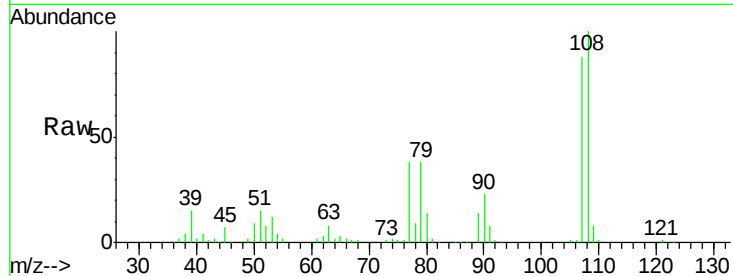
#17
2-Methylphenol
Concen: 39.244 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

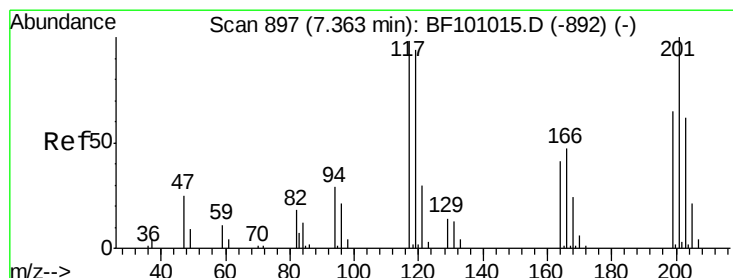
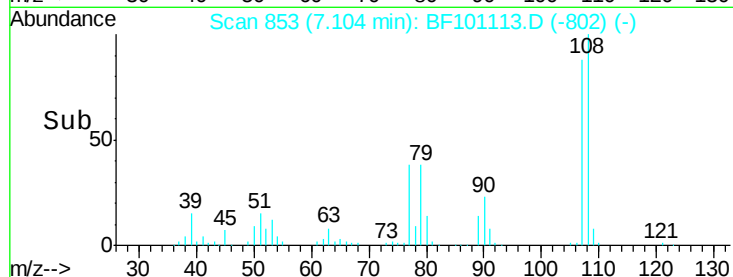
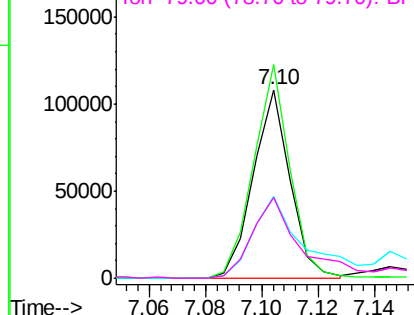
Tot Ion:	107	Resp:	98225
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.7	137.5
77	43.2	33.8	50.8
79	42.9	33.8	50.8

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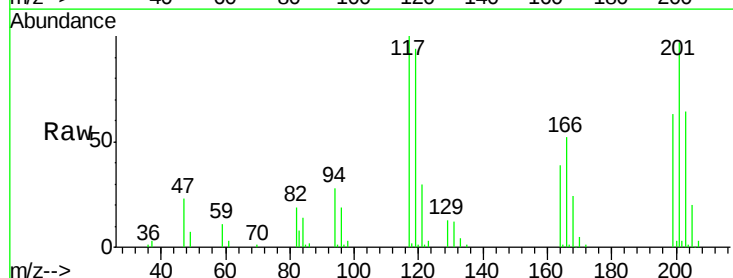


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

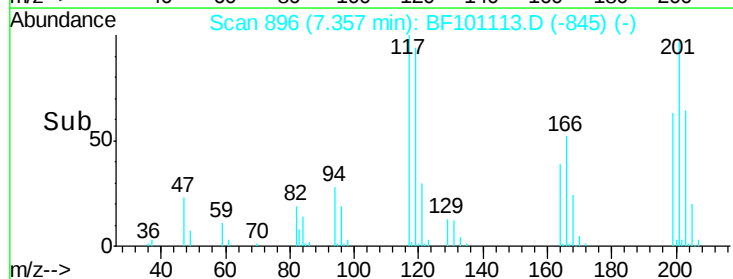
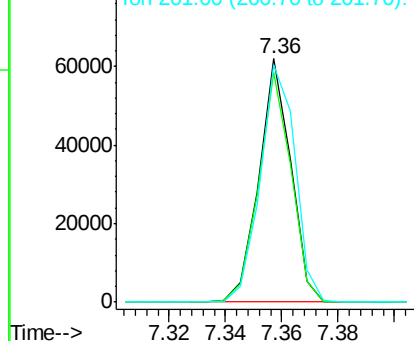


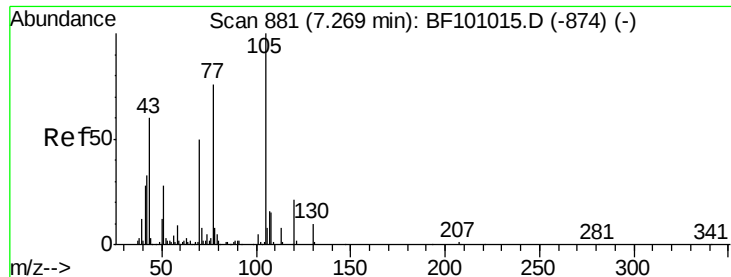
#18
Hexachloroethane
Concen: 40.356 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion:	117	Resp:	48450
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
201	97.2	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





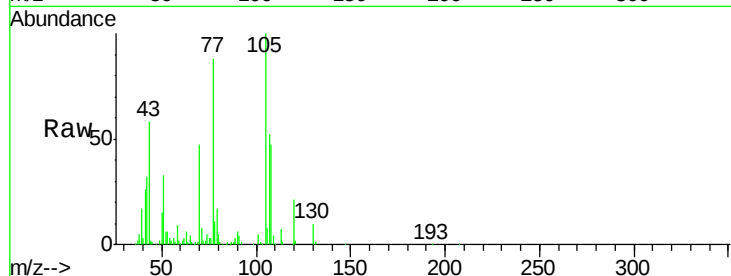
#19
n-Nitroso-di-n-propylamine
Concen: 38.792 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

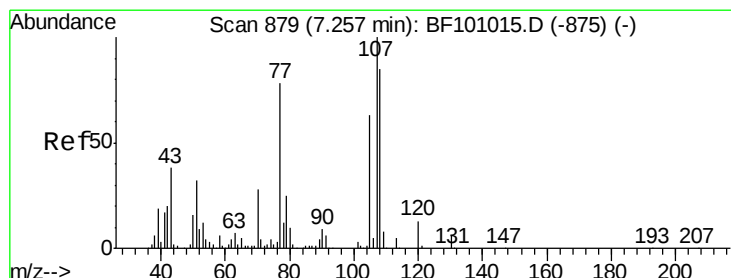
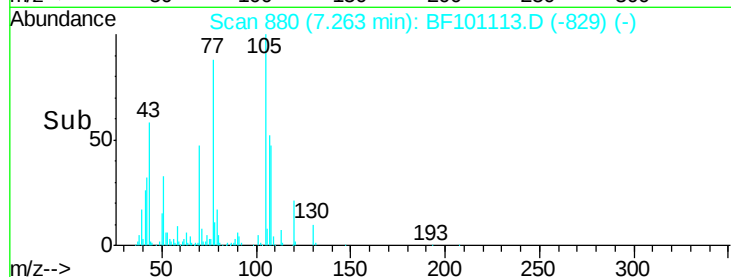
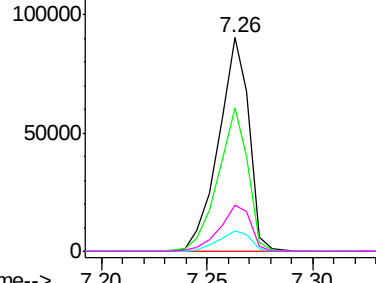
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.2	47.5	71.3
101	9.7	7.4	11.2
130	21.7	16.6	25.0

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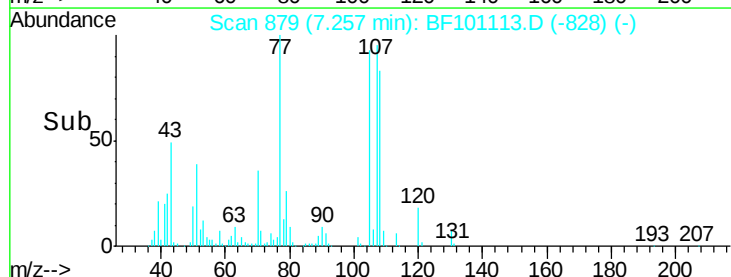
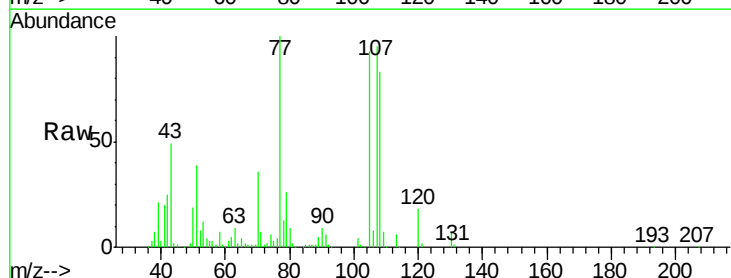
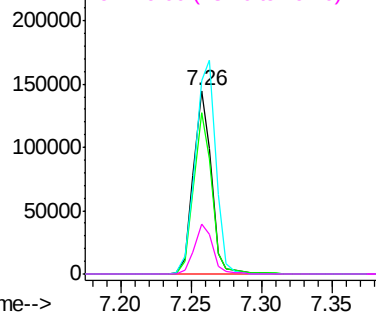
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

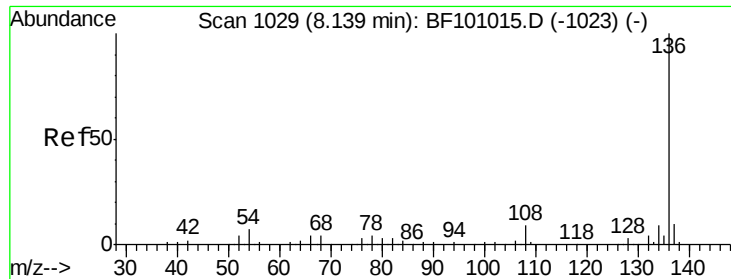


#20
3+4-Methylphenols
Concen: 39.390 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.2	108.2
77	105.7	26.7	66.7#
79	27.3	6.3	46.3

Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





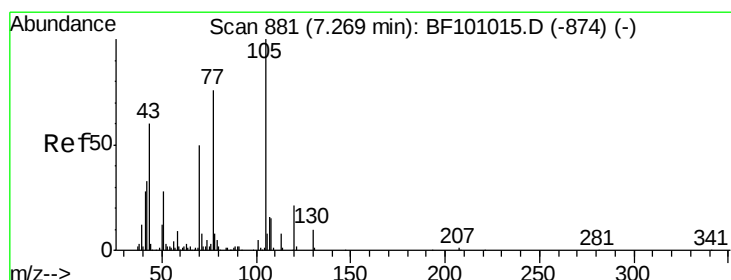
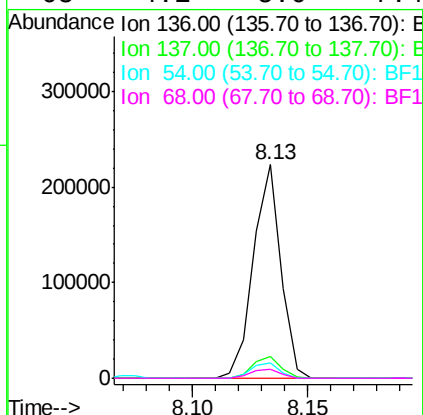
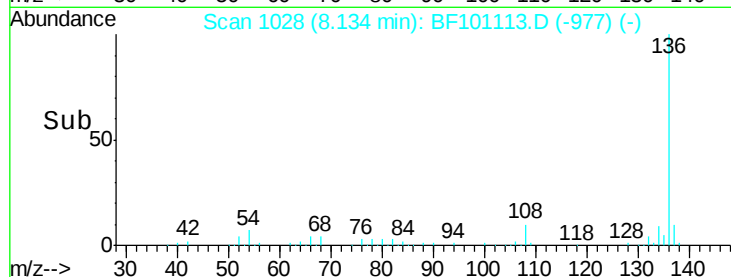
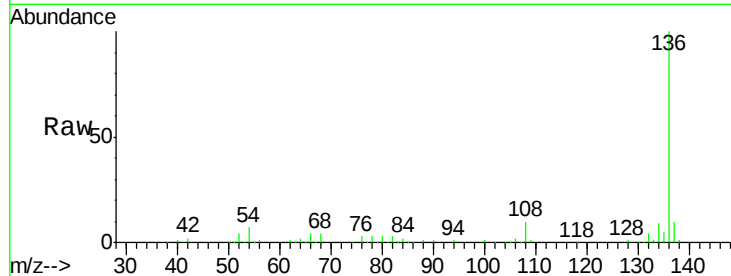
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		185818		
137	10.5		8.9	13.3	
54	7.0		6.6	9.8	
68	4.1		5.0	7.4	

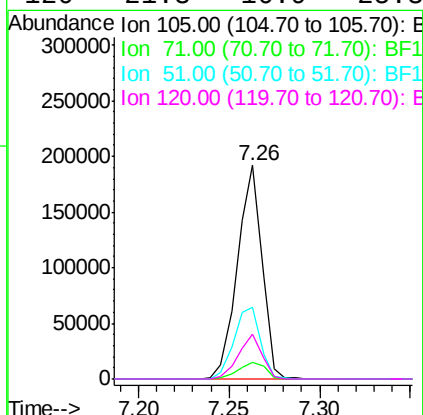
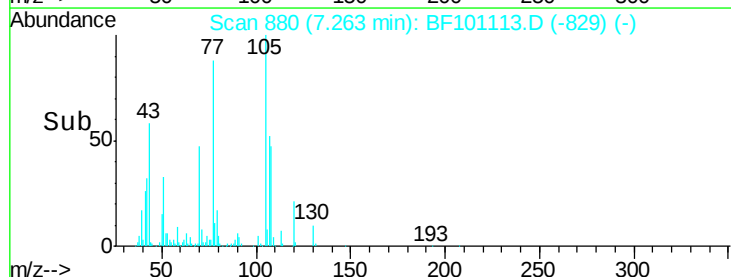
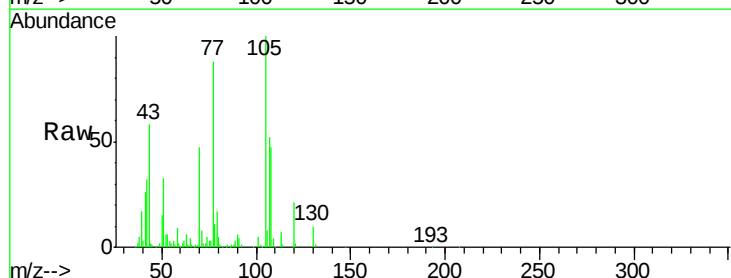
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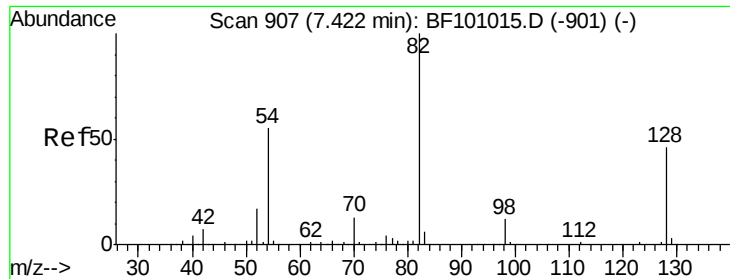
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#22
Acetophenone
Concen: 40.272 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		180793		
71	7.8		4.4	6.6	
51	33.5		22.3	33.5	
120	21.3		16.9	25.3	





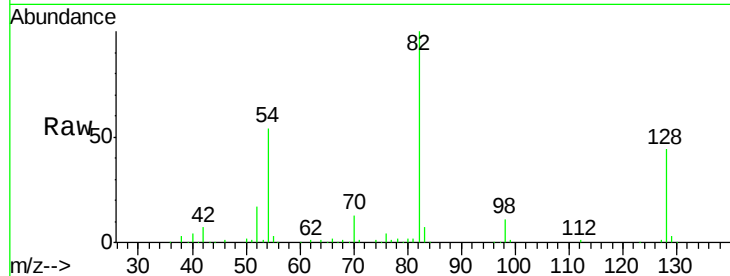
#23
Nitrobenzene-d5
Concen: 81.084 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

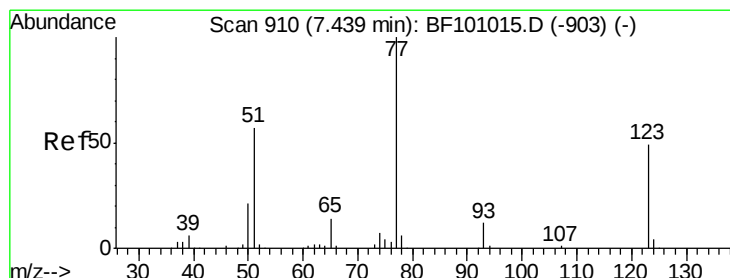
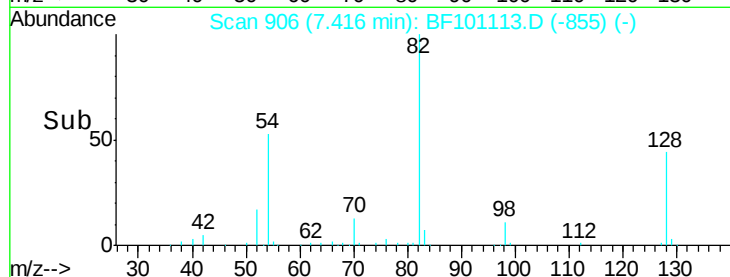
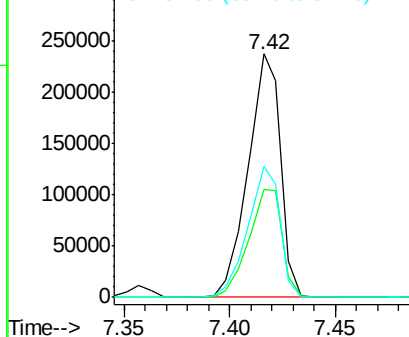
Tot Ion	Ratio	Resp	Lower	Upper
82	100	252576		
128	44.4	36.1	54.1	
54	53.6	41.4	62.2	

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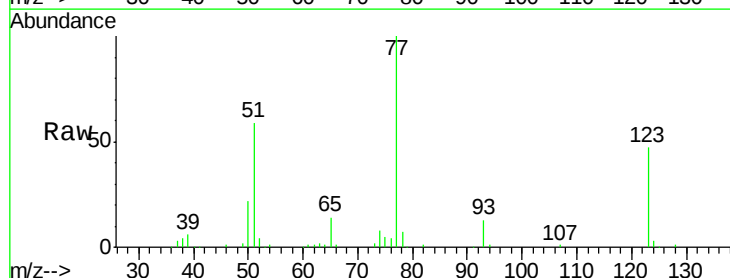


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

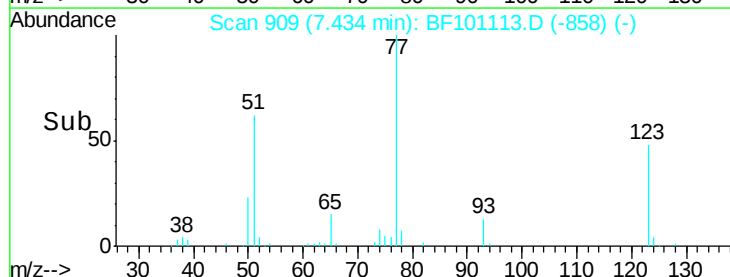
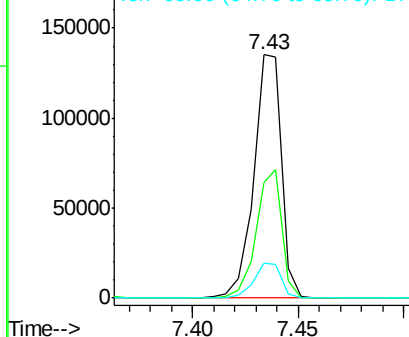


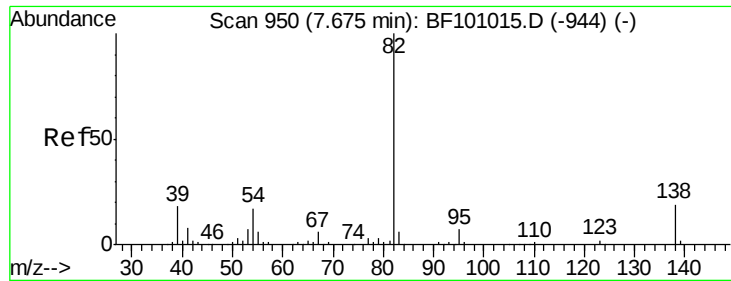
#24
Nitrobenzene
Concen: 40.603 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	123958		
123	47.4	37.9	56.9	
65	14.2	11.0	16.4	



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





#25

Isophorone

Concen: 39.279 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

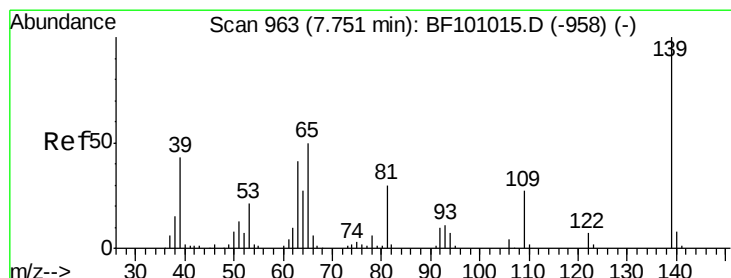
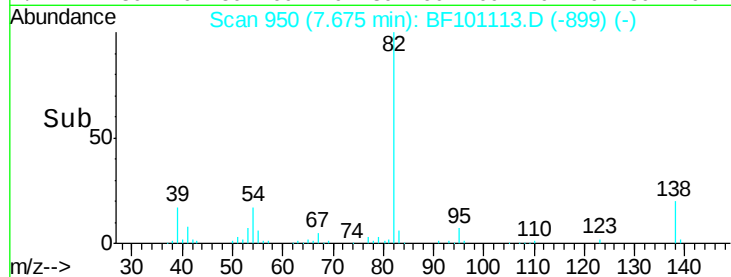
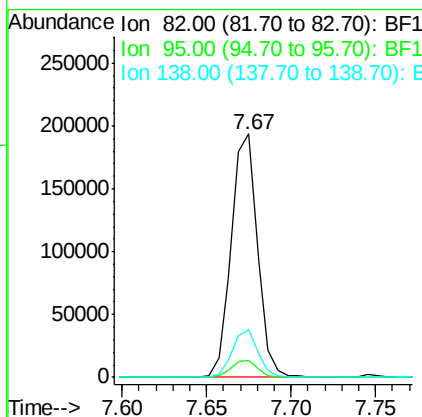
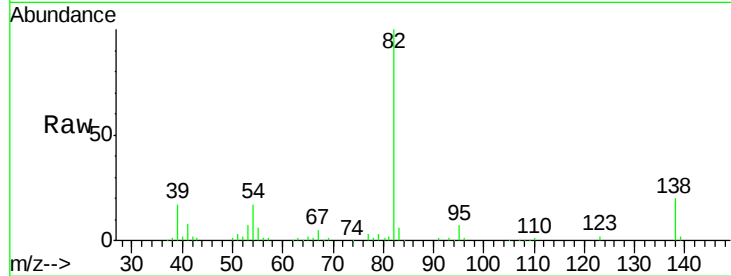
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	208993
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.2	7.8
138	19.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 40.248 ng

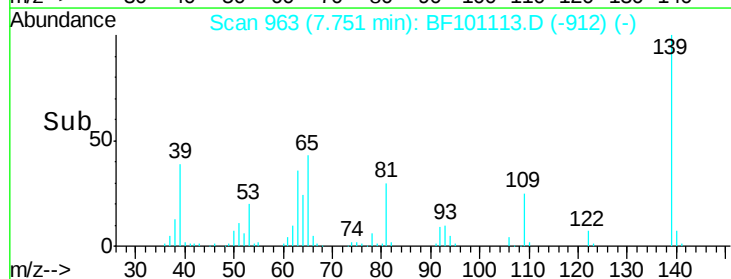
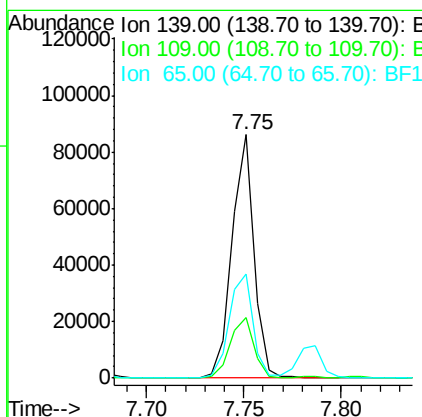
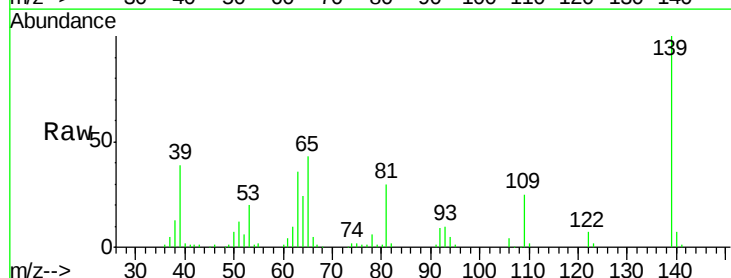
RT: 7.75 min Scan# 963

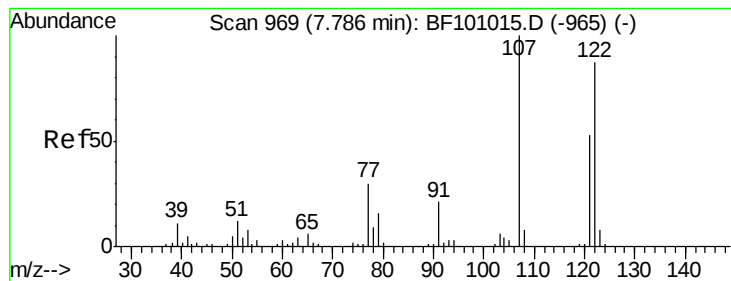
Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Tgt Ion:	139	Resp:	67452
Ion	Ratio	Lower	Upper
139	100		
109	25.1	22.7	34.1
65	42.8	40.5	60.7





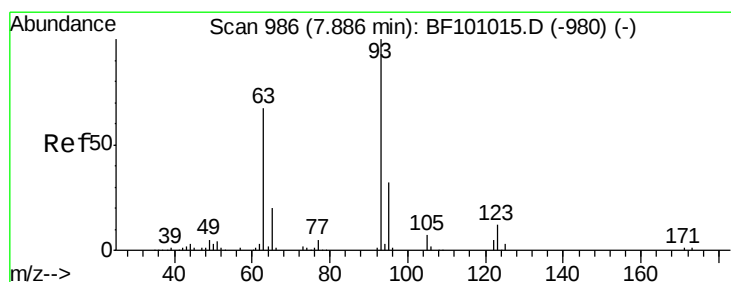
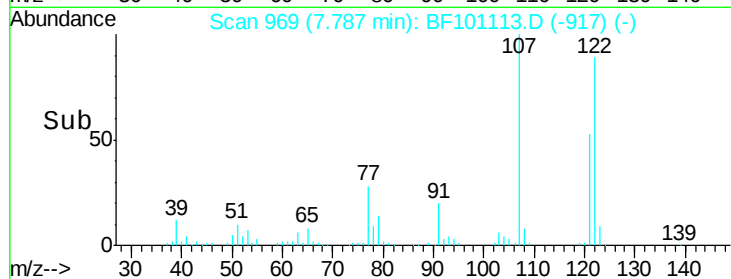
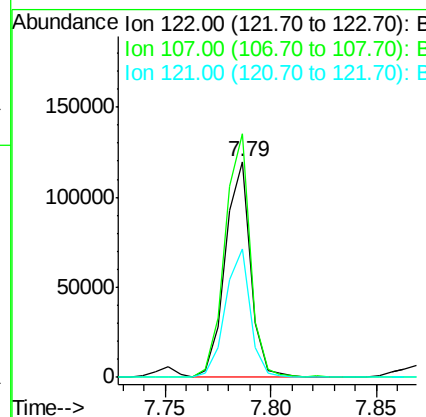
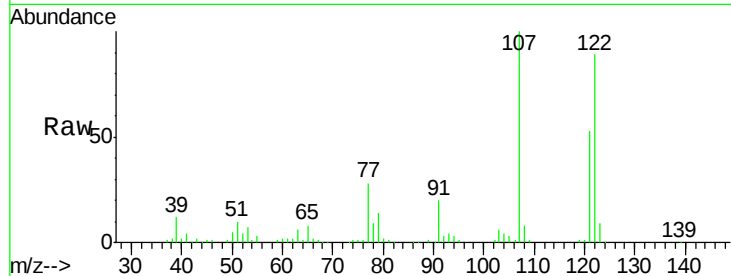
#27
2,4-Dimethylphenol
Concen: 41.062 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	112.9	91.2		136.8	
121	59.4	47.2		70.8	

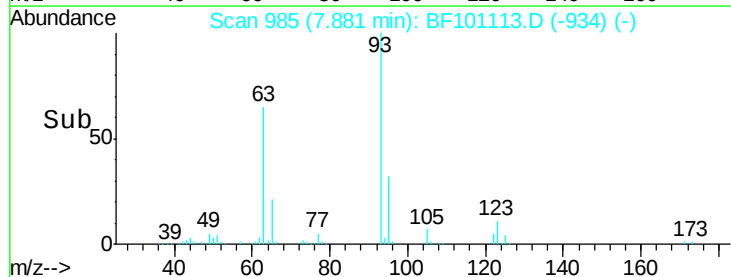
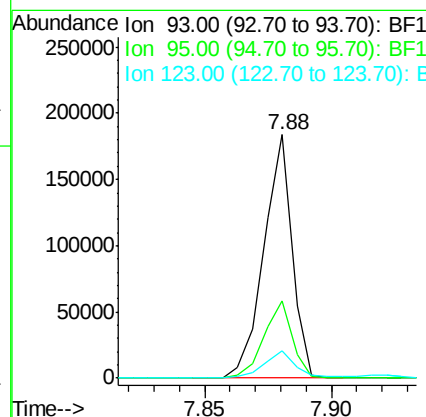
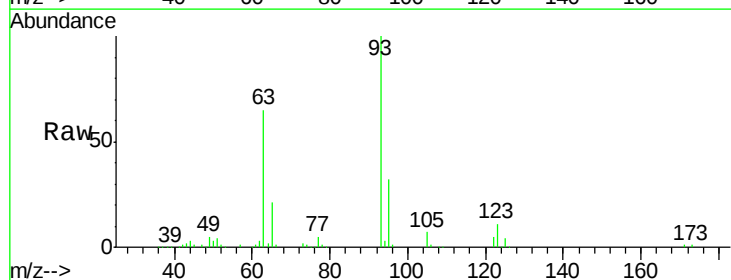
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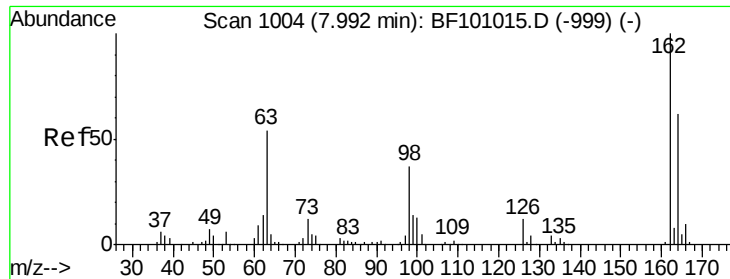
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#28
bis(2-Chloroethoxy)methane
Concen: 40.301 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.0	26.3		39.5	
123	11.3	9.8		14.6	





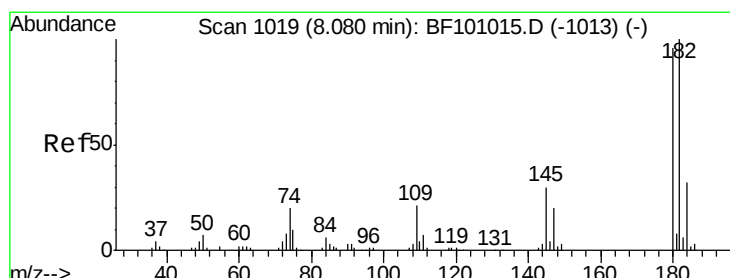
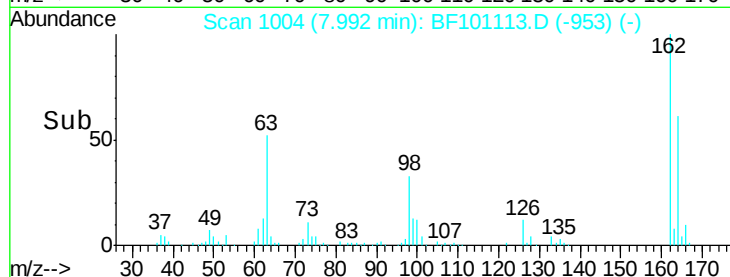
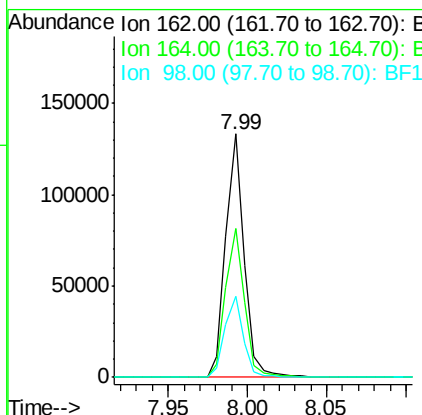
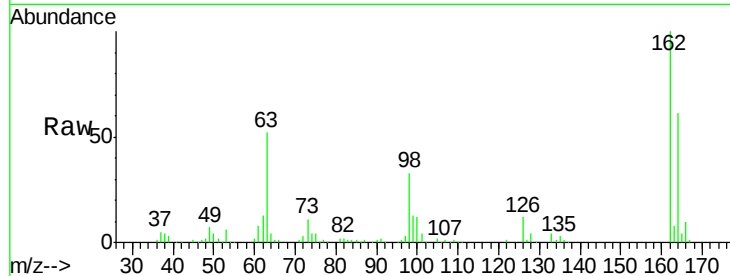
#29
2,4-Dichlorophenol
Concen: 40.853 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	61.1	42.7	82.7	
98	33.1	18.1	58.1	

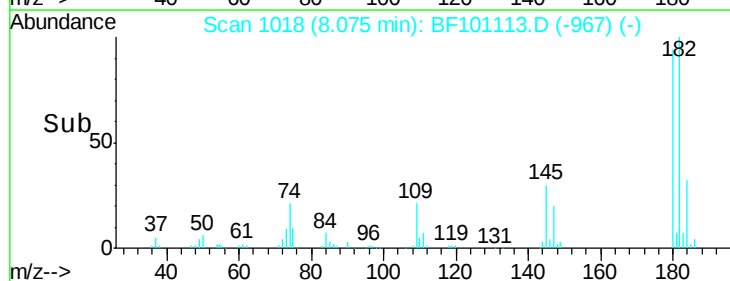
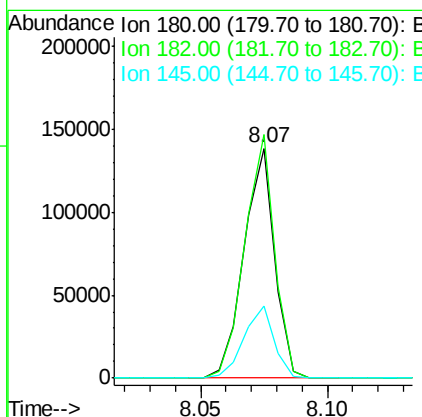
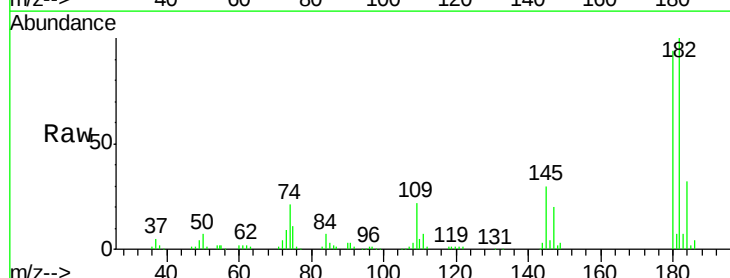
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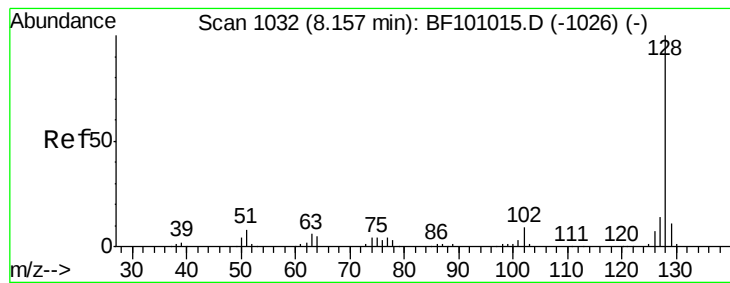
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#30
1,2,4-Trichlorobenzene
Concen: 40.189 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	105.9	76.8	115.2	
145	31.5	26.5	39.7	





#31

Naphthalene

Concen: 39.996 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

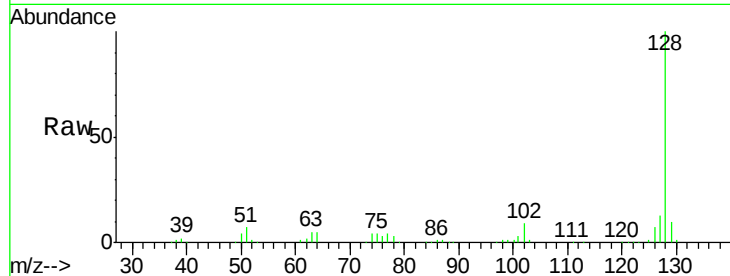
ClientSampleId :

SSTDCCC040

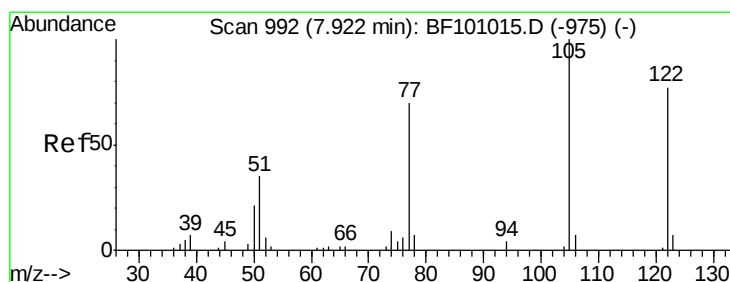
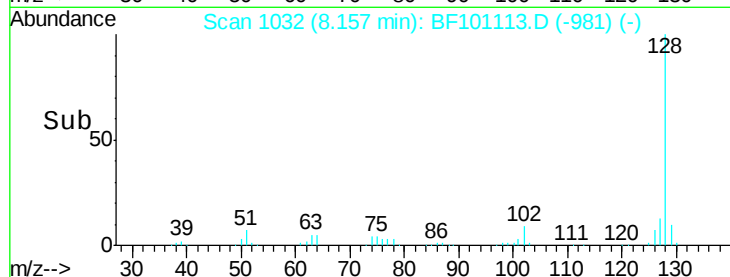
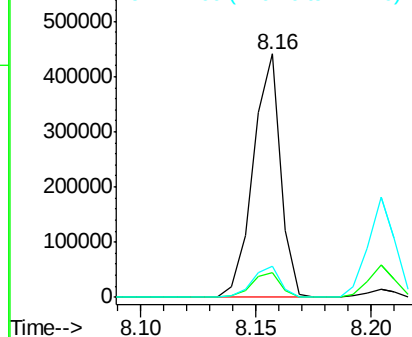
Tot Ion:	128	Resp:	366284
Ion Ratio	Lower	Upper	
128	100		
129	10.2	8.8	13.2
127	13.0	10.9	16.3

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



#32

Benzoic acid

Concen: 38.408 ng m

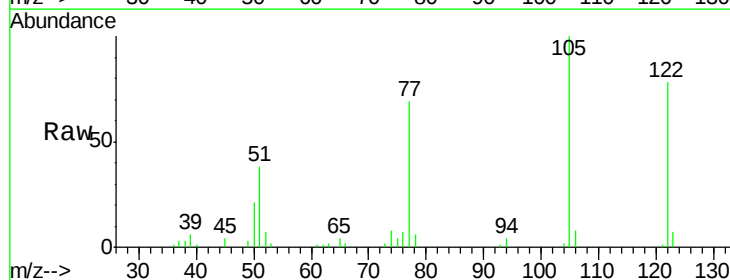
RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

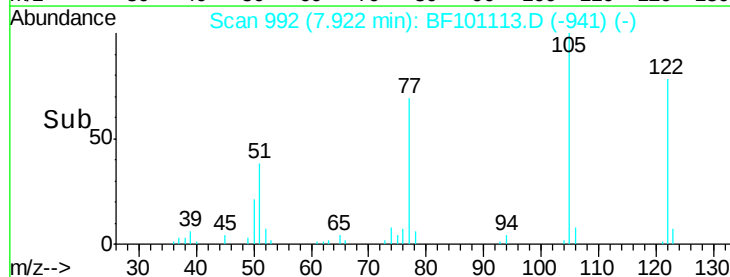
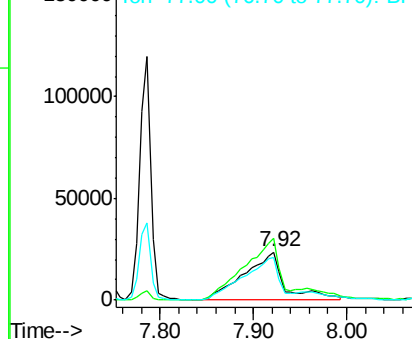
Lab File: BF101113.D

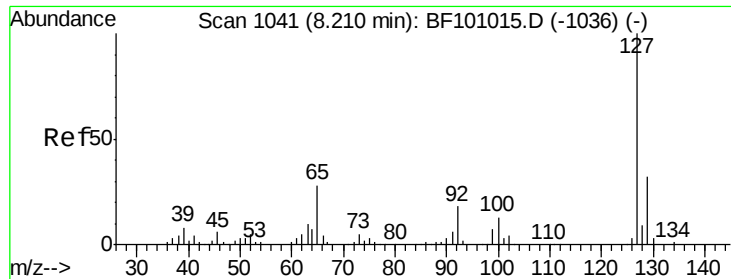
Acq: 5 Dec 2017 10:08

Tgt Ion:	122	Resp:	72422
Ion Ratio	Lower	Upper	
122	100		
105	128.2	101.1	141.1
77	88.1	70.7	110.7



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





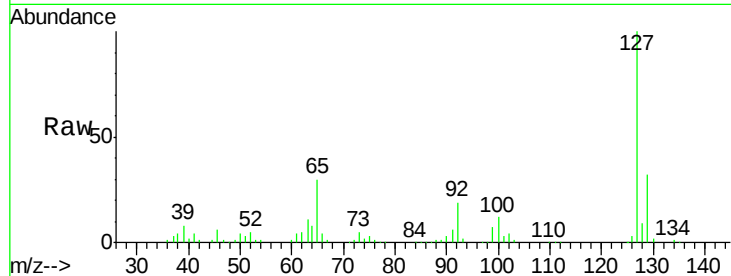
#33
4-Chloroaniline
Concen: 40.785 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

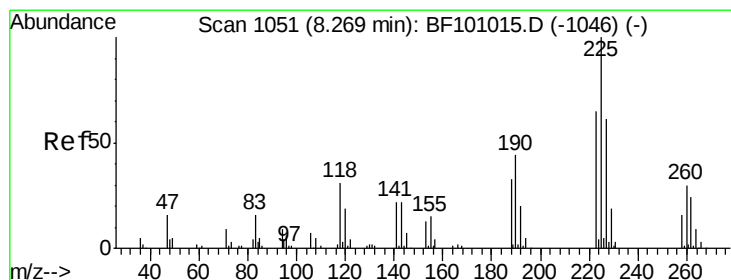
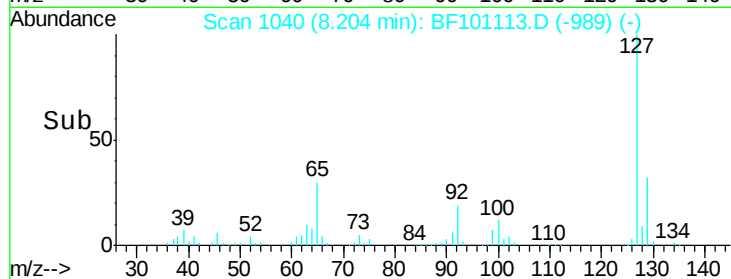
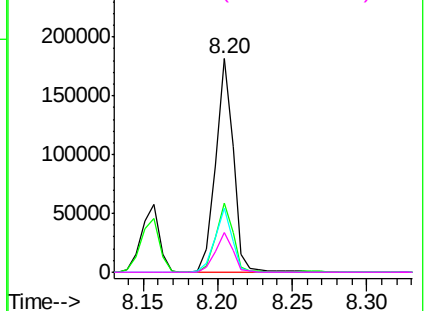
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.9	38.9	
65	30.0	25.0	37.4	
92	18.8	15.2	22.8	

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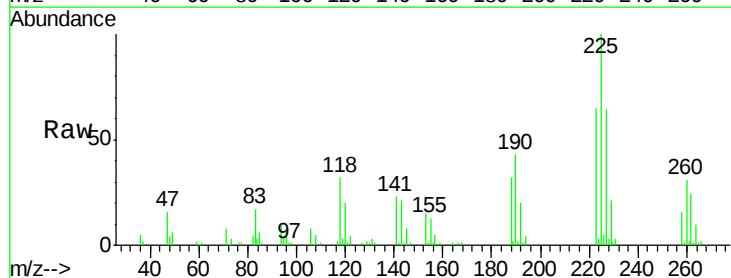


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

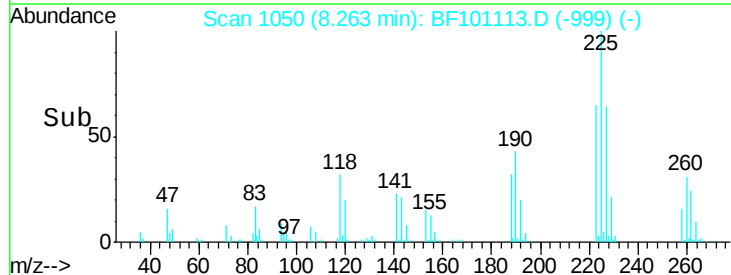
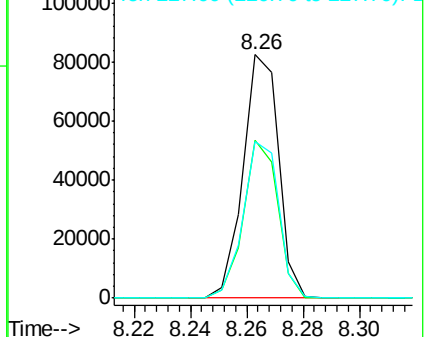


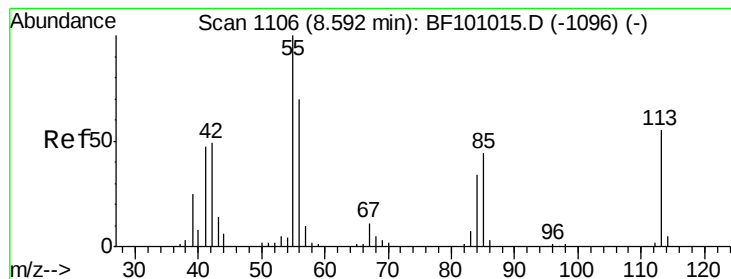
#34
Hexachlorobutadiene
Concen: 40.531 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.7	50.6	76.0	
227	64.1	51.9	77.9	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.409 ng

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

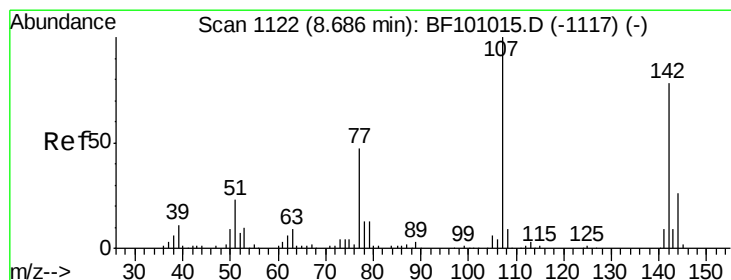
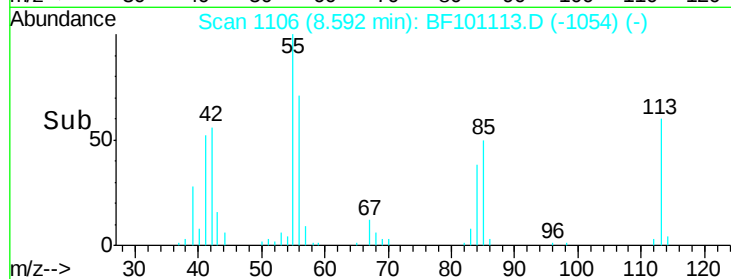
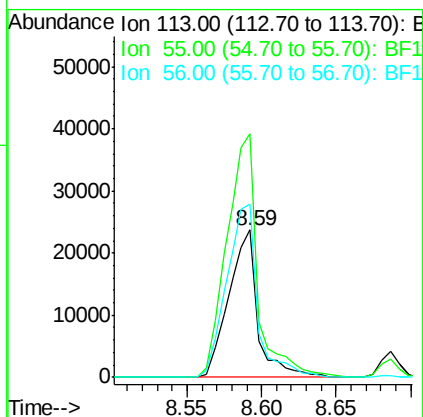
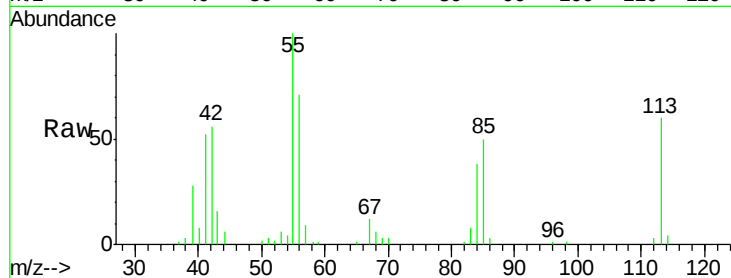
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.3	163.3	203.3
56	117.5	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 40.243 ng

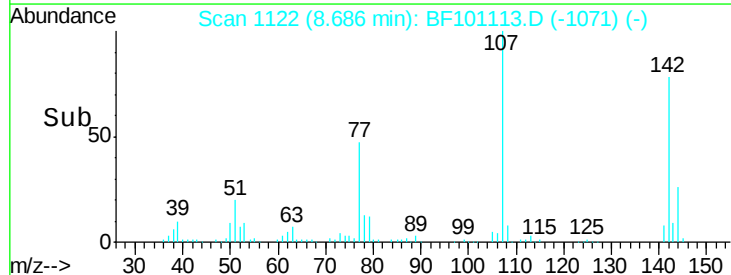
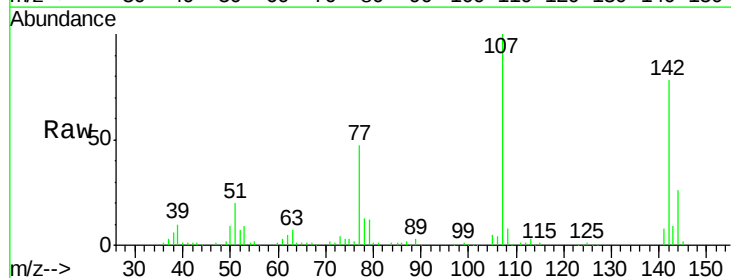
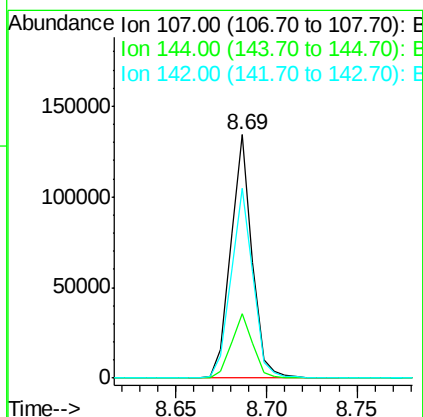
RT: 8.69 min Scan# 1122

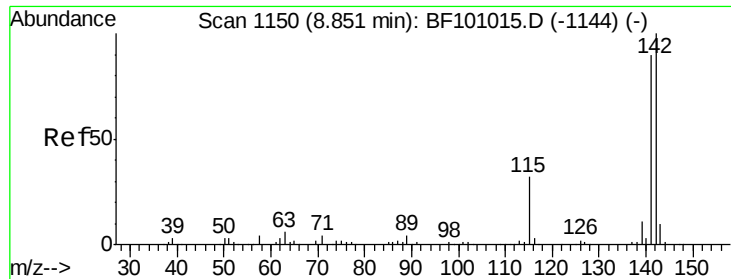
Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.5	30.7
142	78.0	62.0	93.0





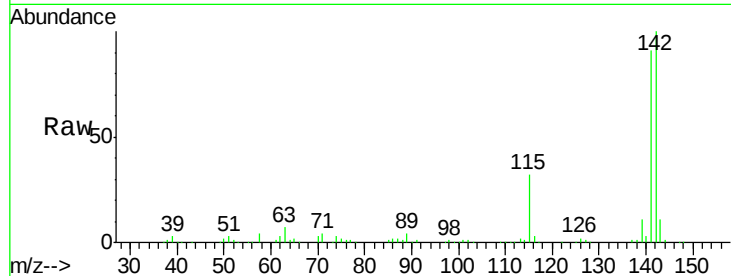
#37
2-Methylnaphthalene
Concen: 39.755 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	31.5	26.1	39.1

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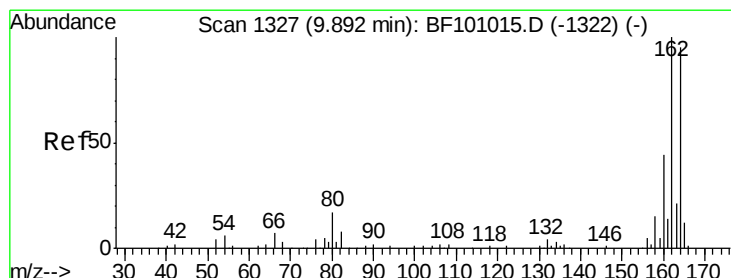
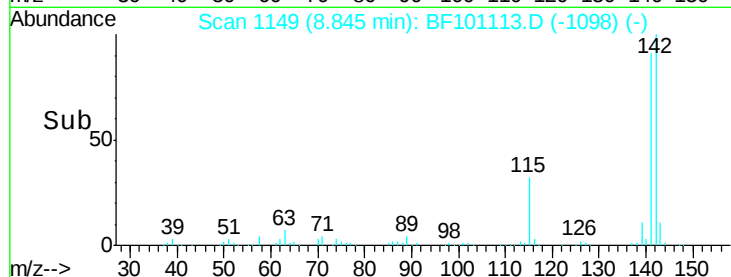
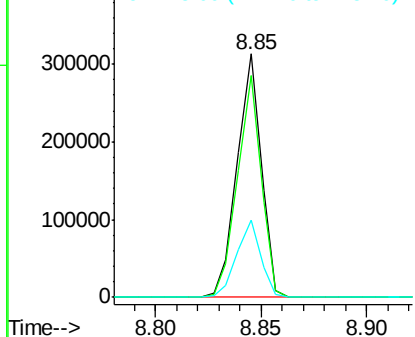


Abundance

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: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

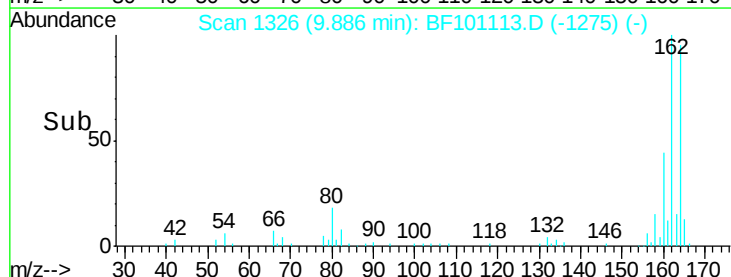
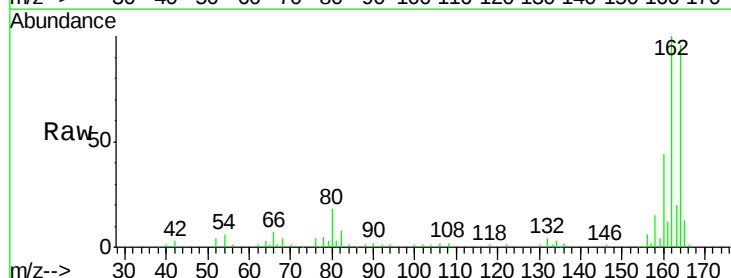
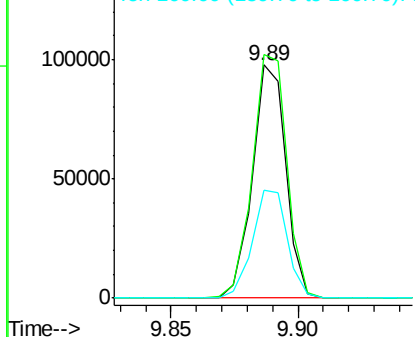
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.0	38.3	57.5

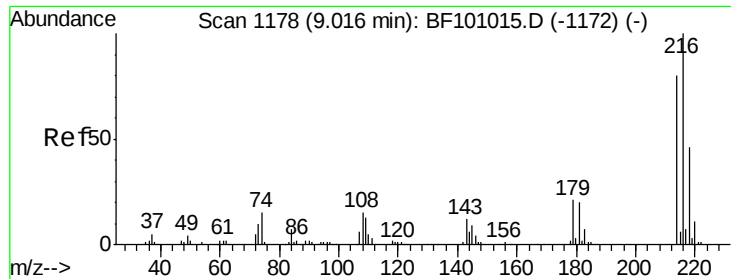
Abundance

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





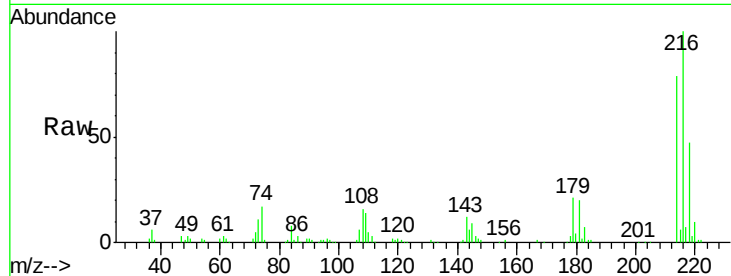
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.789 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

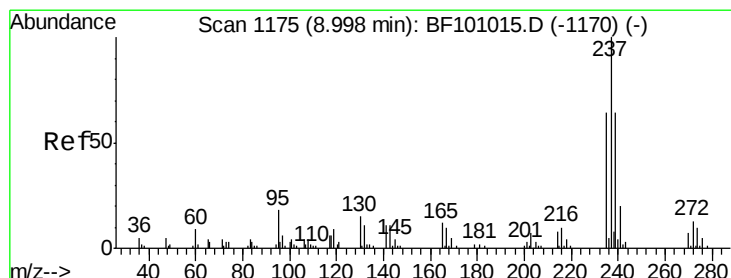
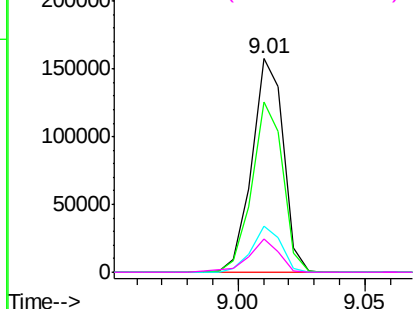
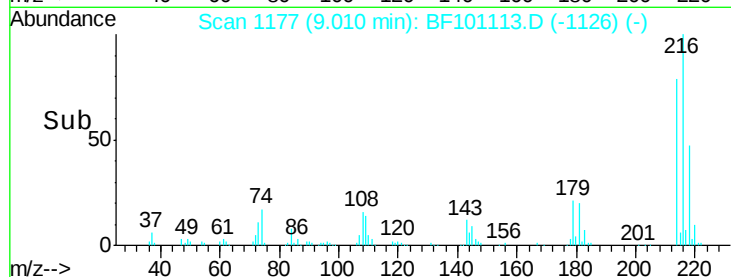
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.2	63.0	94.4
179	20.2	18.1	27.1
108	15.3	17.2	25.8

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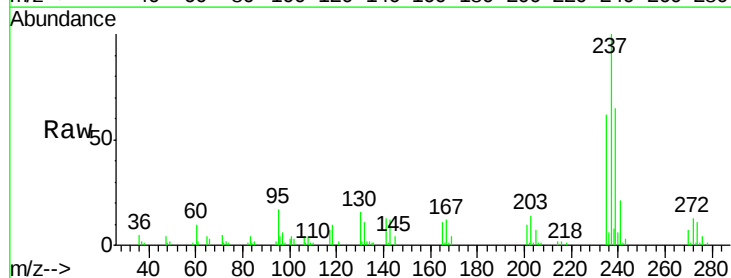


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

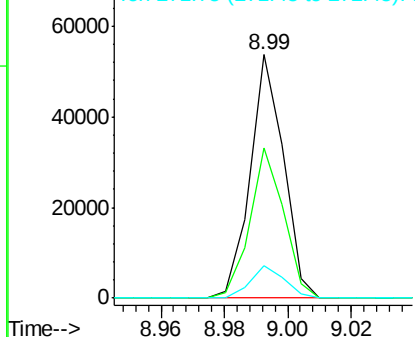
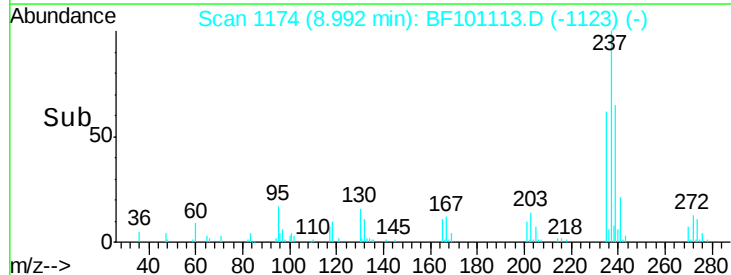


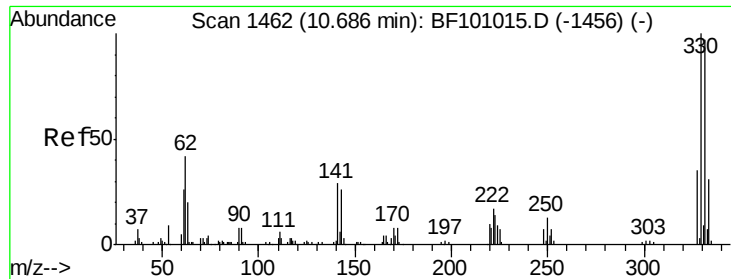
#40
 Hexachlorocyclopentadiene
 Concen: 37.799 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.7	44.8	84.8
272	13.3	0.0	33.3



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





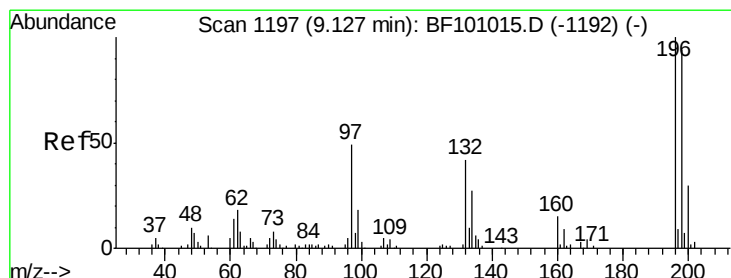
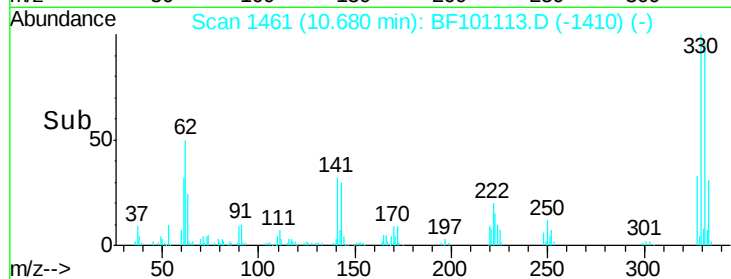
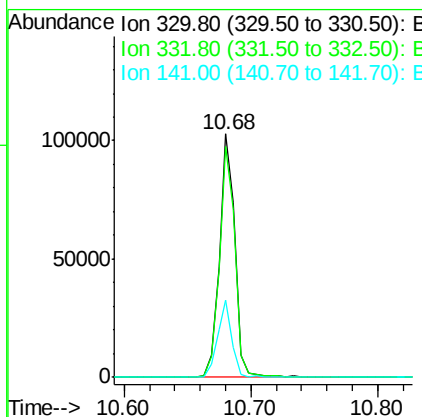
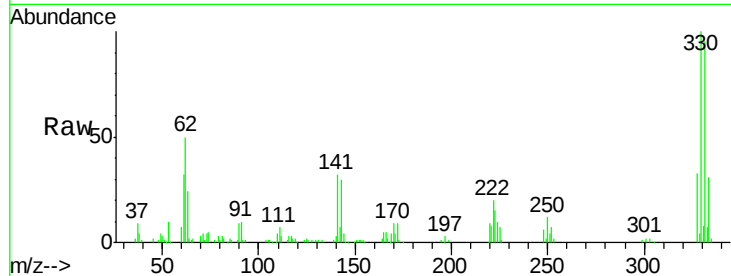
#41
 2,4,6-Tribromophenol
 Concen: 82.132 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	29.5	29.9	44.9#

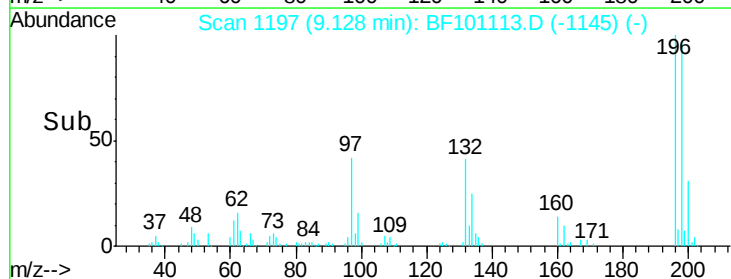
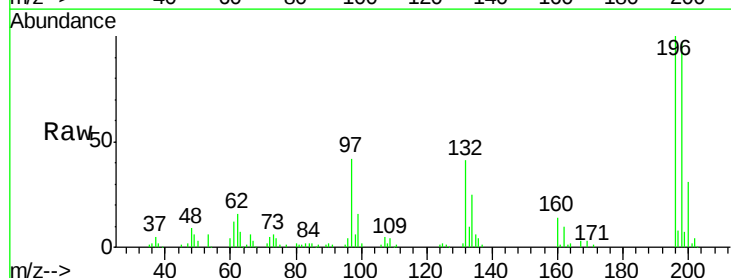
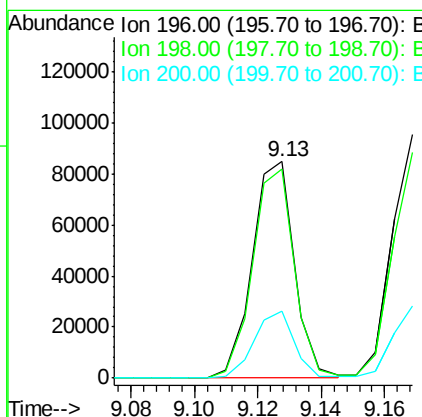
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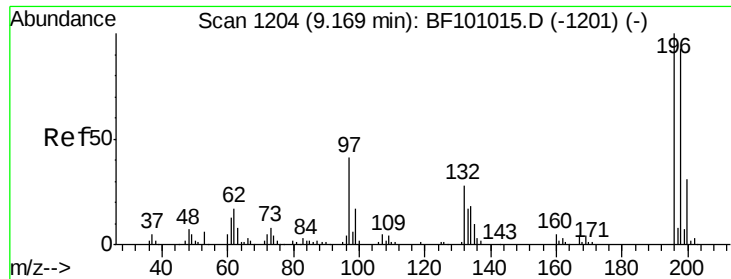
Sohil
 12/6/2017 5:12:09 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.932 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
200	31.1	24.5	36.7





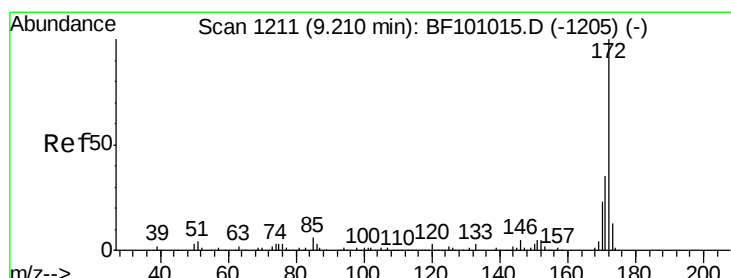
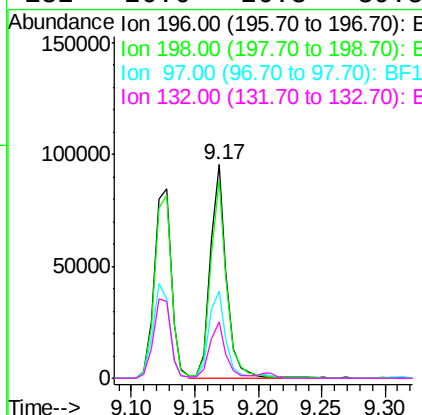
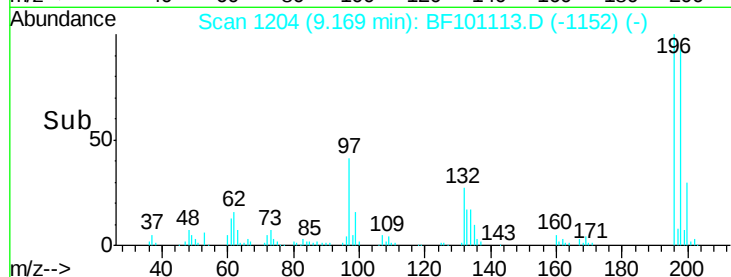
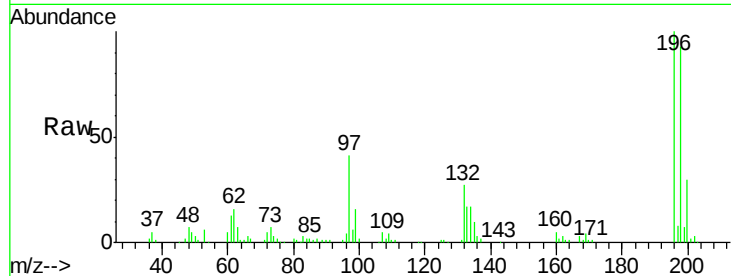
#43
 2,4,5-Trichlorophenol
 Concen: 41.930 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		85705		
198	92.7		74.6	112.0	
97	40.6		42.9	64.3	
132	26.6		26.3	39.5	

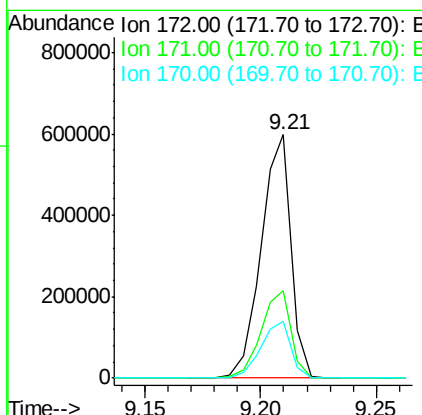
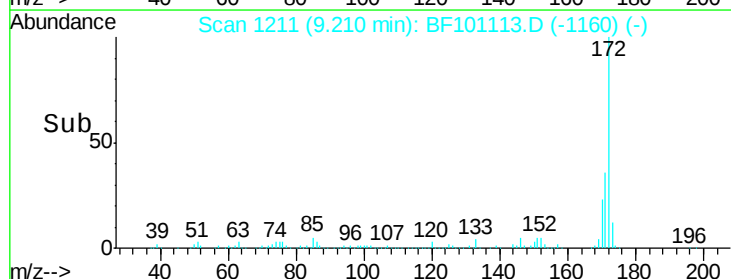
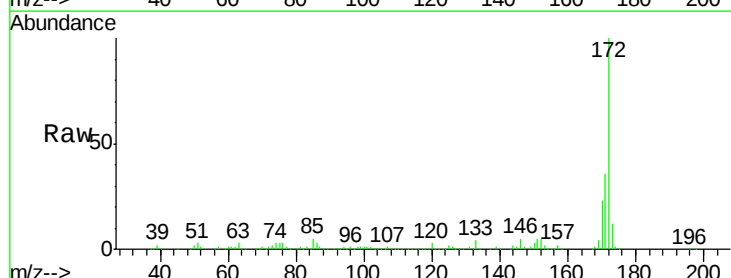
Manual Integrations
 APPROVED

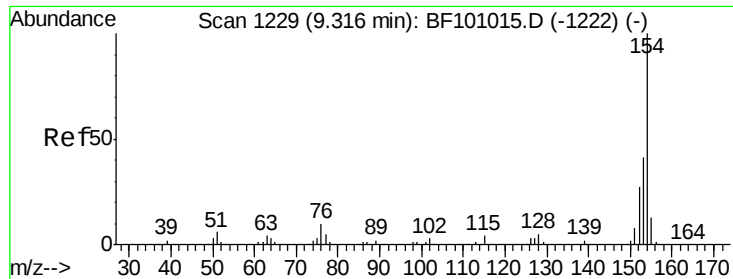
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 81.790 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		536690		
171	36.0		29.7	44.5	
170	23.2		19.6	29.4	





#45

1,1'-Biphenyl

Concen: 40.330 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

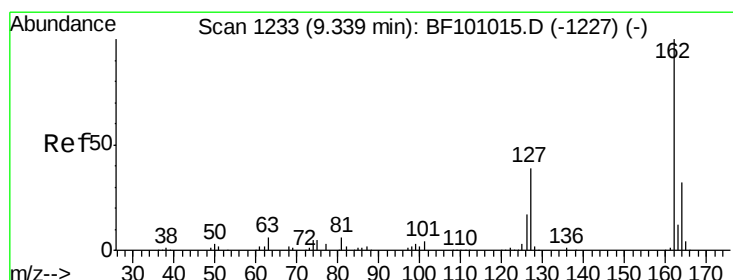
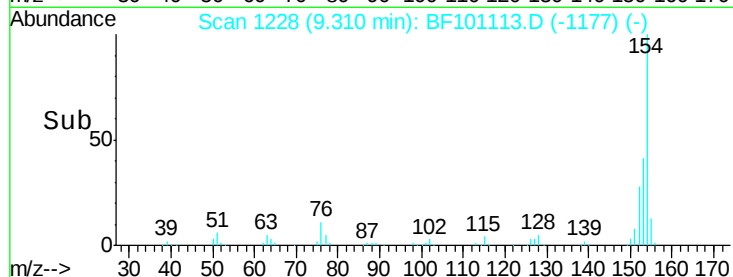
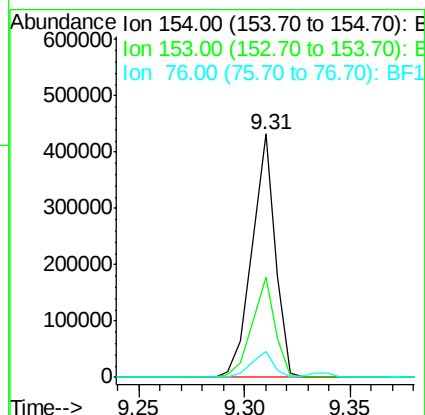
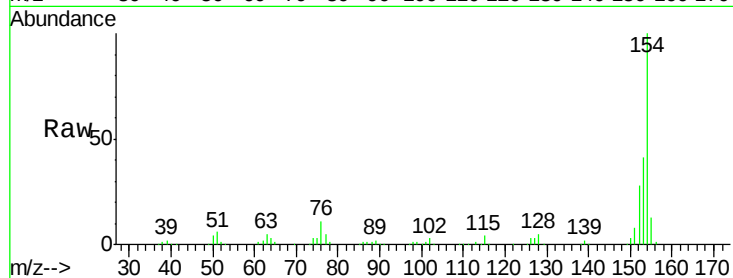
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	331737
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.3	61.3
76	10.9	0.0	34.0

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 40.710 ng

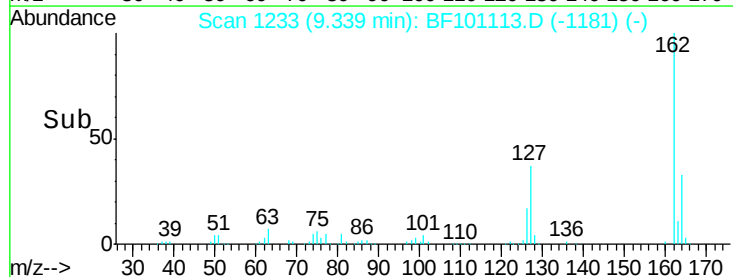
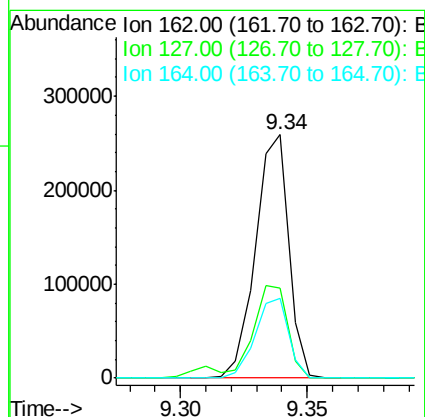
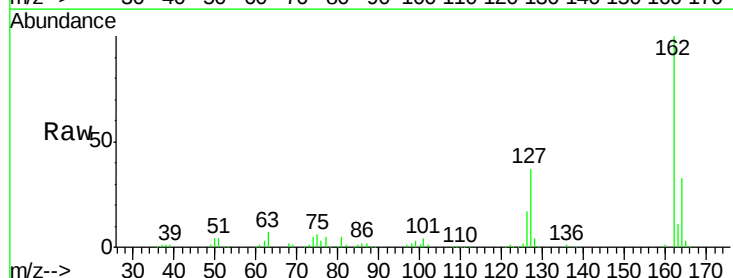
RT: 9.34 min Scan# 1233

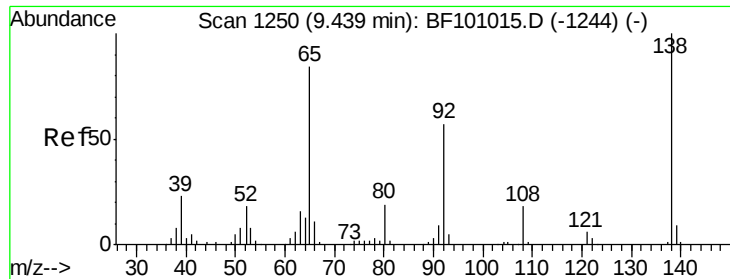
Delta R.T. 0.01 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Tgt Ion:	162	Resp:	237813
Ion Ratio	Lower	Upper	
162	100		
127	36.7	33.9	50.9
164	32.8	26.5	39.7





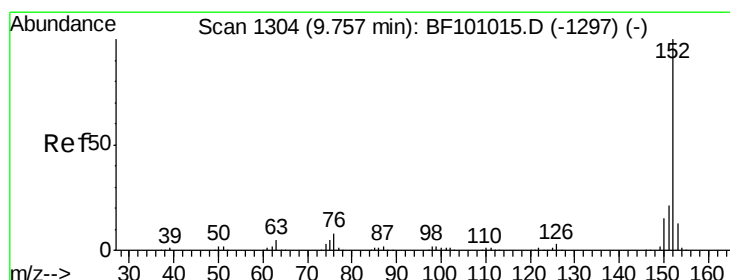
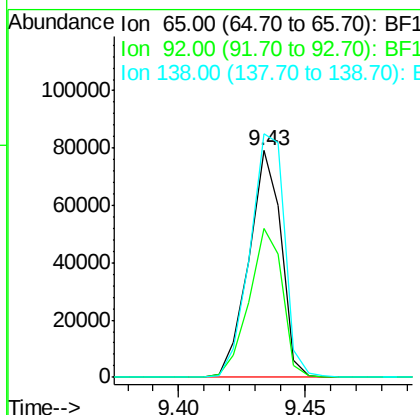
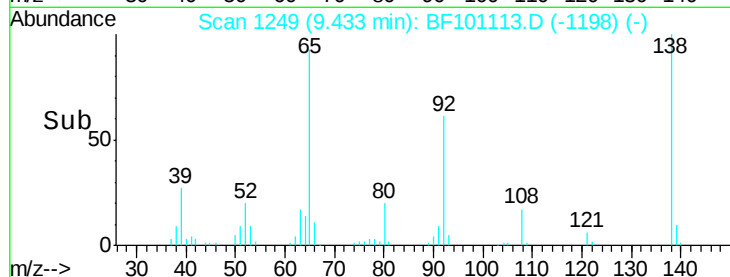
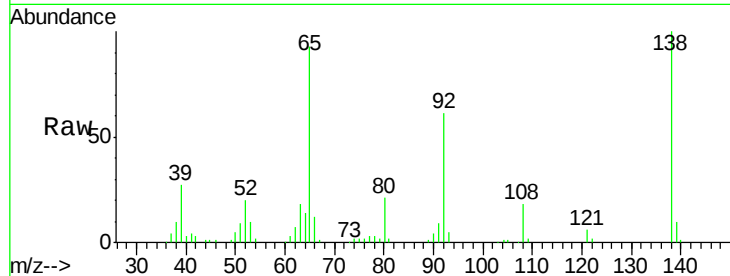
#47
 2-Nitroaniline
 Concen: 40.653 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	65	Resp:	70261
Ion Ratio	Lower	Upper	
65	100		
92	66.0	55.8	83.6
138	107.5	91.2	136.8

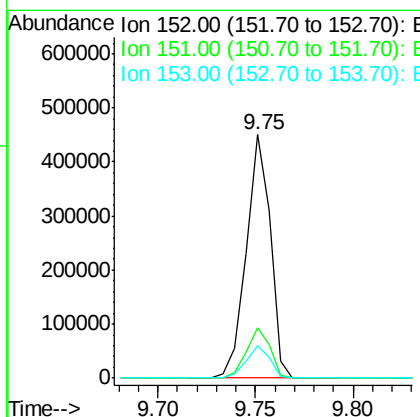
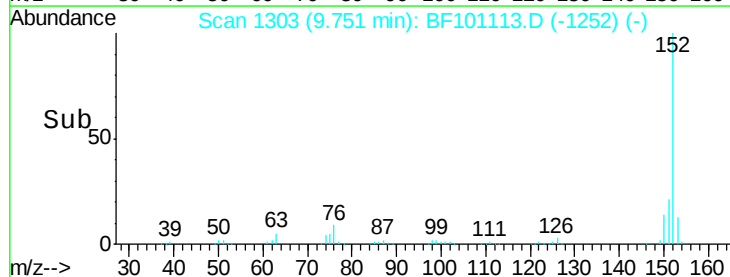
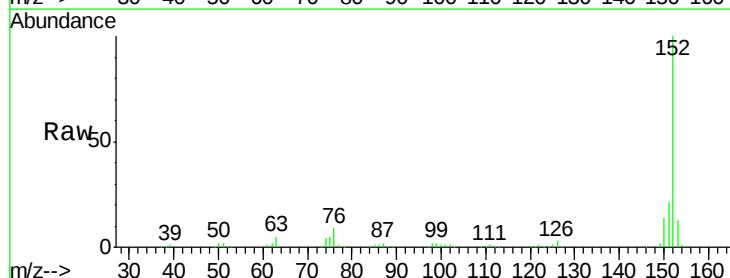
Manual Integrations
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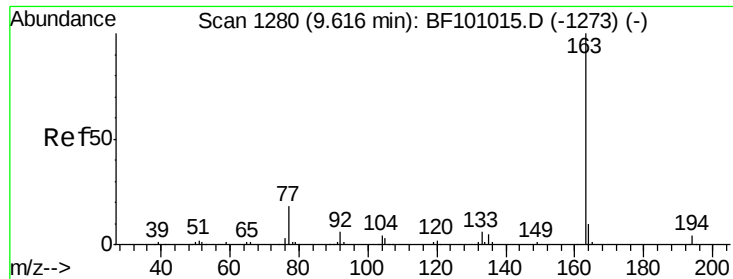
Sohil
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#48
 Acenaphthylene
 Concen: 40.014 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tgt Ion:	152	Resp:	384137
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.1	10.7	16.1





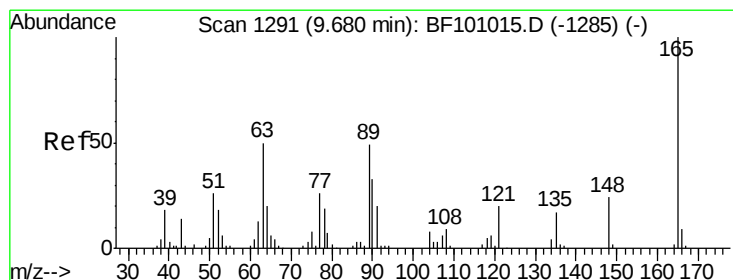
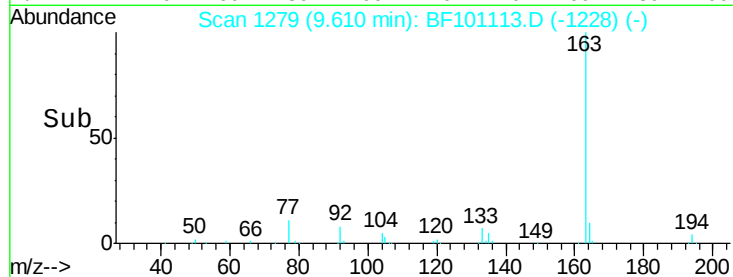
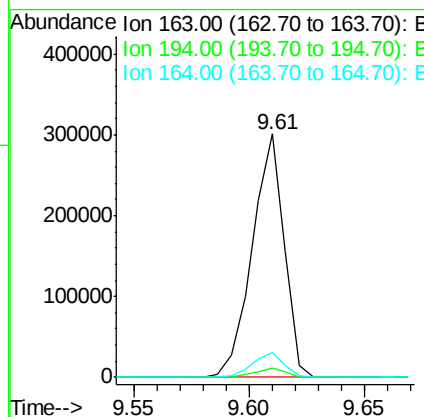
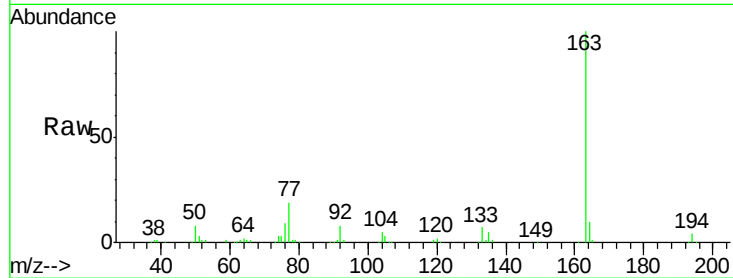
#49
Dimethylphthalate
Concen: 40.157 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	290759		
194	3.9		2.7	4.1
164	10.0		8.2	12.2

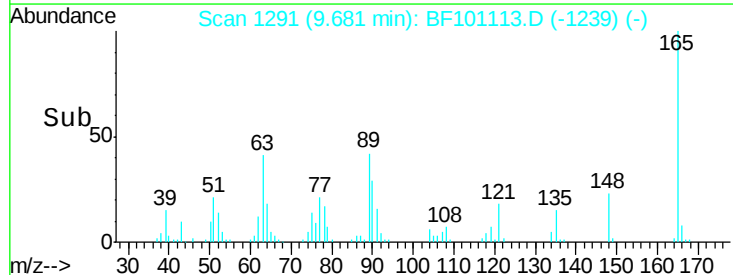
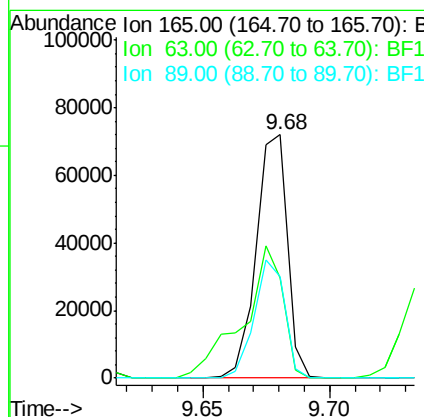
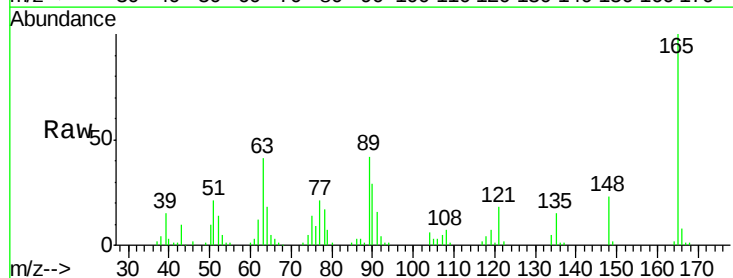
Manual Integrations
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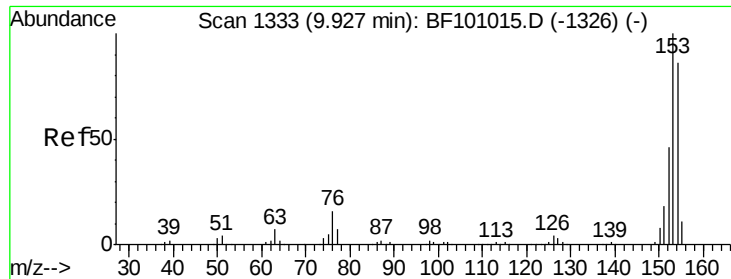
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.674 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	62028		
63	41.4		44.7	67.1#
89	41.9		44.0	66.0#





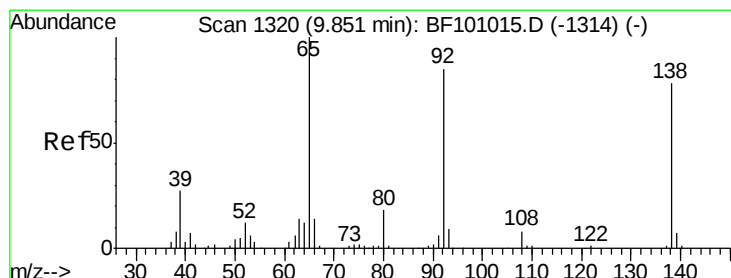
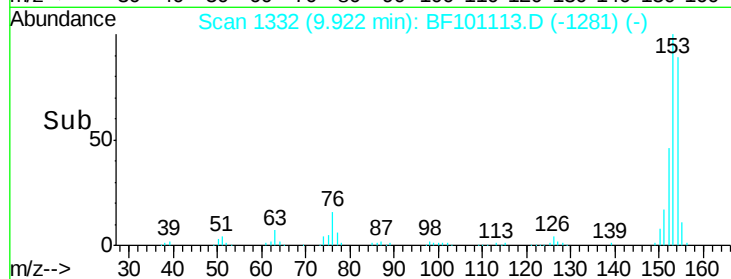
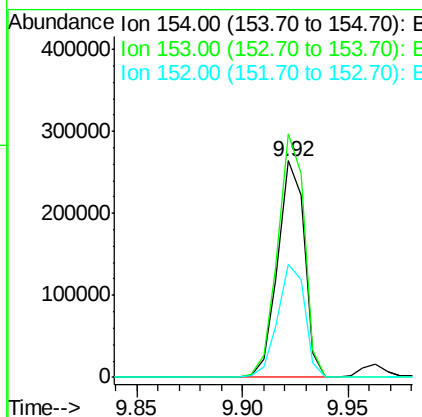
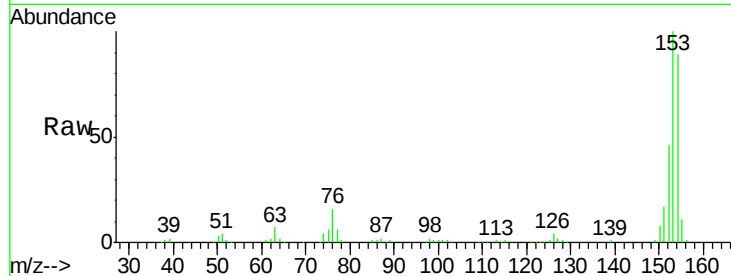
#51
Acenaphthene
Concen: 40.557 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.2	136.8
152	52.1	43.8	65.8

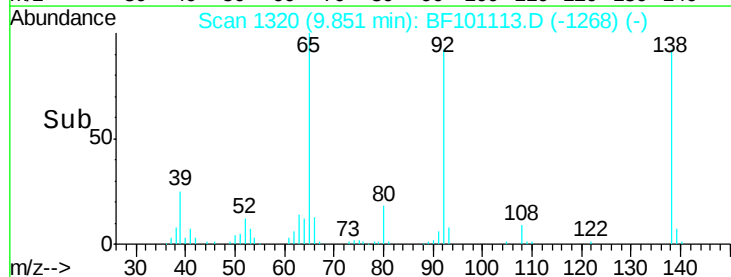
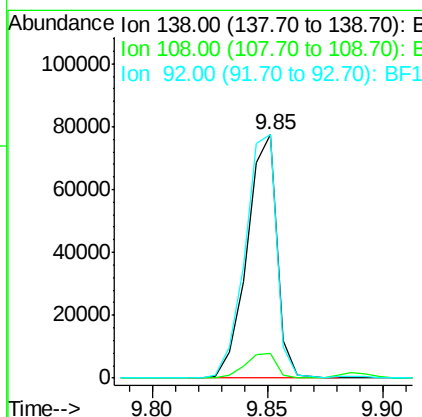
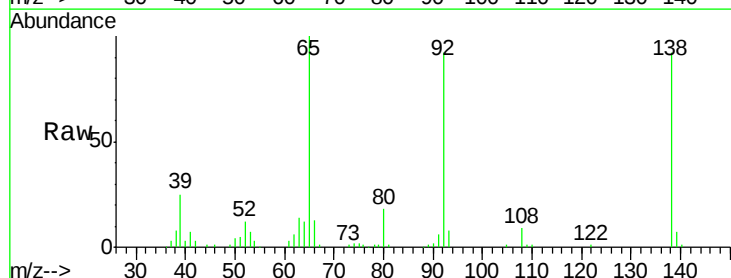
Manual Integrations
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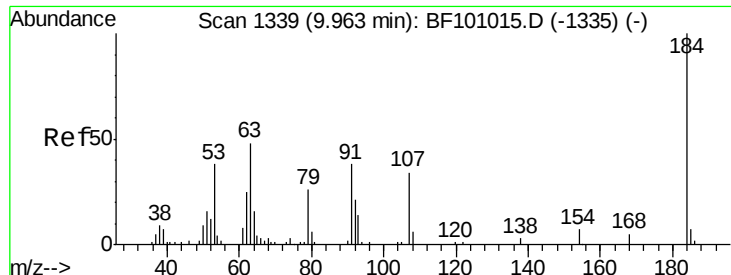
Sohil
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#52
3-Nitroaniline
Concen: 40.817 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.4	14.0
92	99.9	89.4	134.2





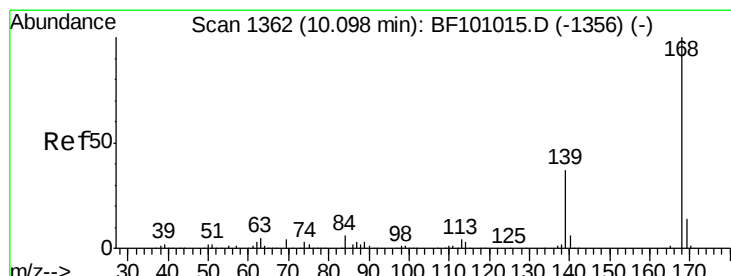
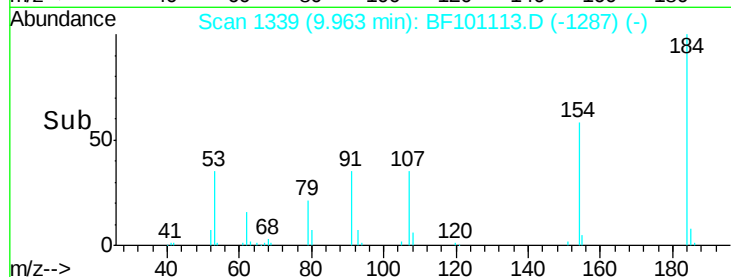
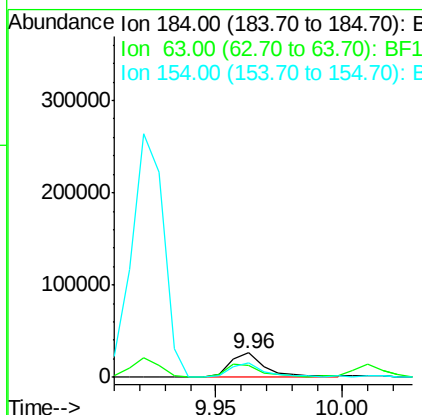
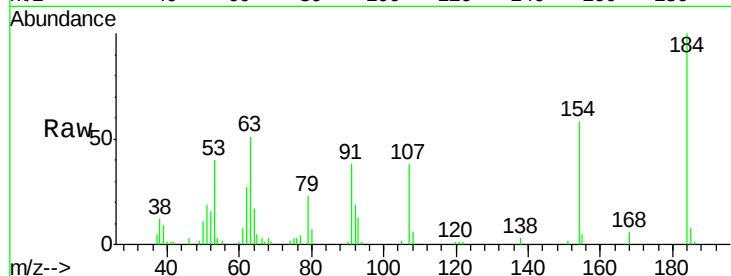
#53
2,4-Dinitrophenol
Concen: 36.211 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	51.0	54.2	81.2#
154	58.2	184.0	276.0#

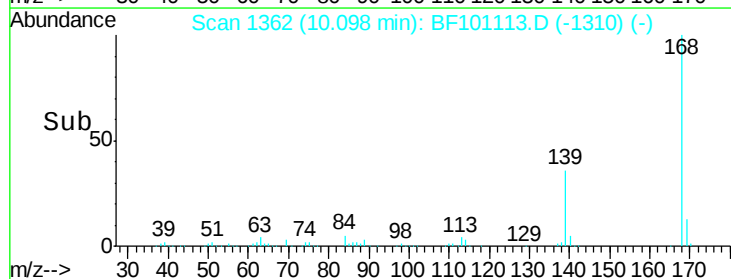
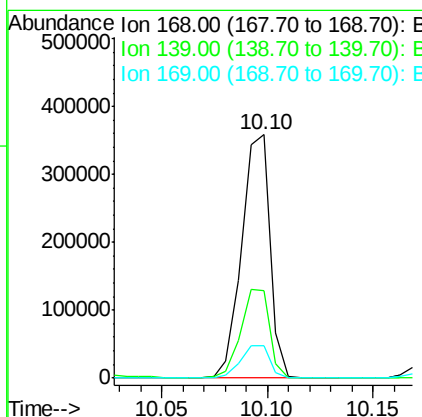
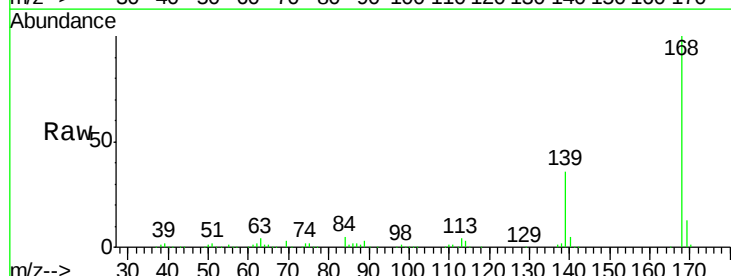
Manual Integrations
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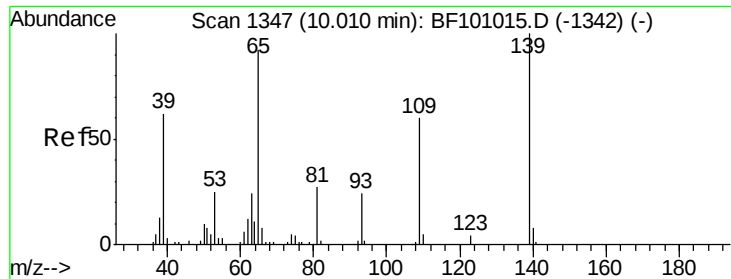
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#54
Dibenzofuran
Concen: 40.281 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.1	45.1
169	13.2	10.9	16.3





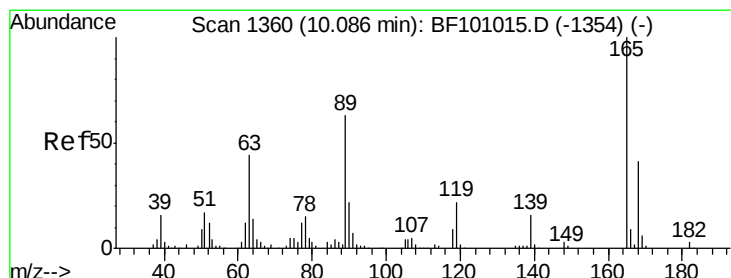
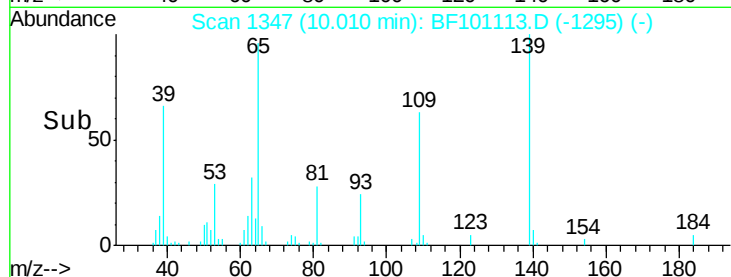
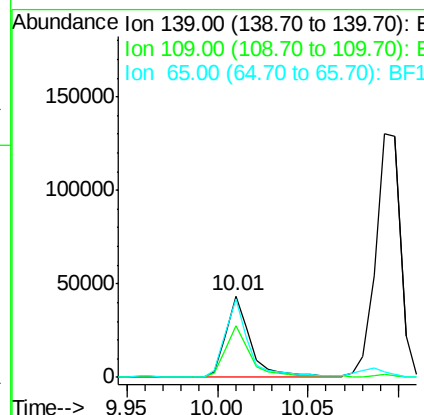
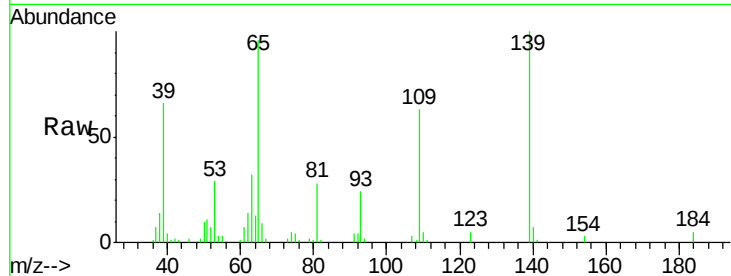
#55
4-Nitrophenol
Concen: 36.008 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.0	48.4	88.4
65	95.9	72.6	112.6

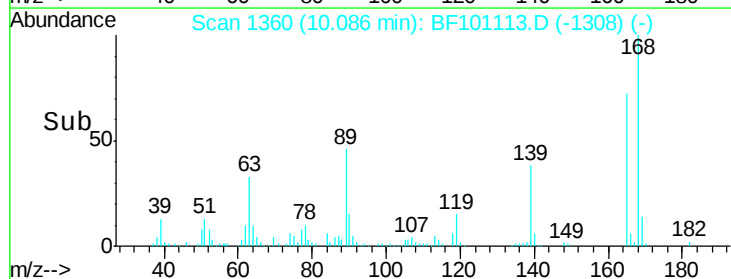
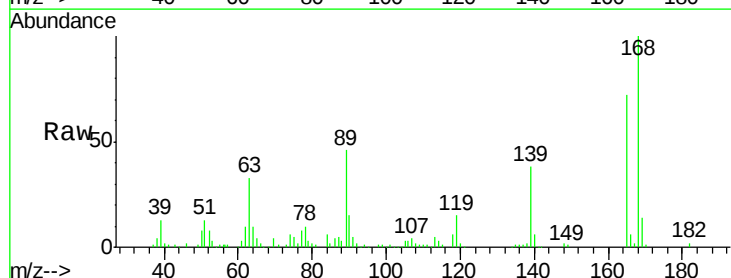
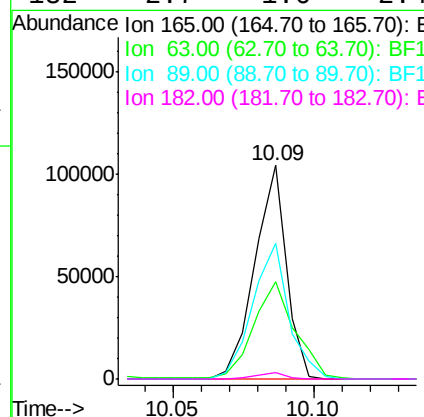
Manual Integrations
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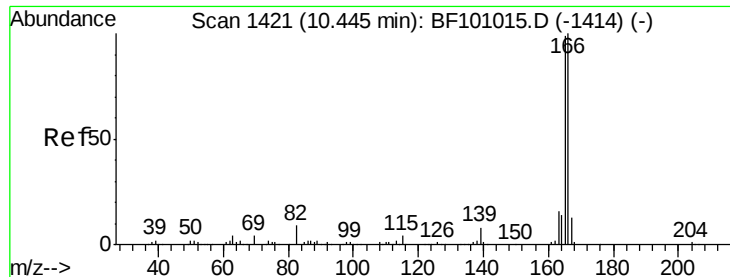
Sohil
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#56
2,4-Dinitrotoluene
Concen: 39.698 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.7	36.4	54.6
89	63.7	57.8	86.6
182	2.7	1.6	2.4





#57

Fluorene

Concen: 40.412 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

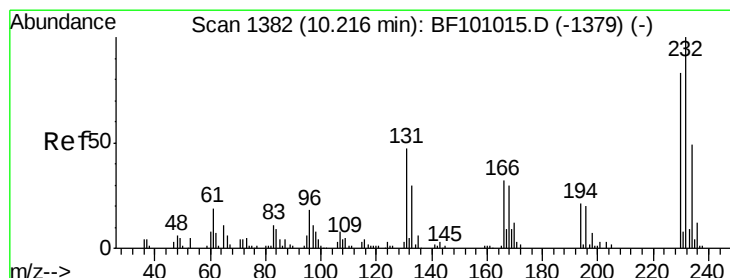
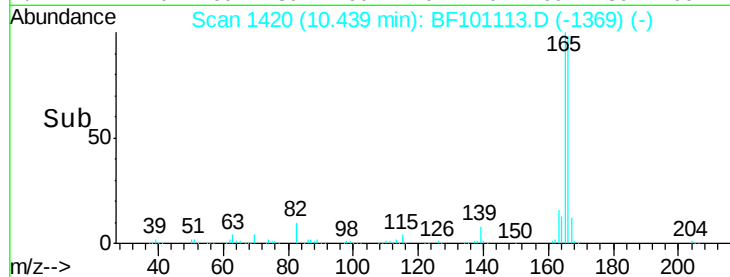
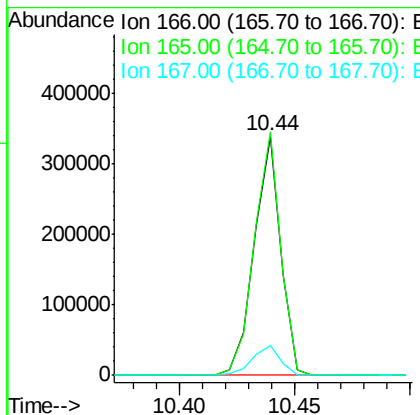
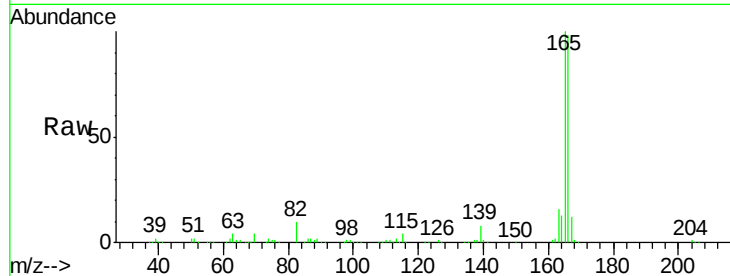
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	272144
Ion Ratio	Lower	Upper	
166	100		
165	101.9	79.8	119.8
167	12.7	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.852 ng

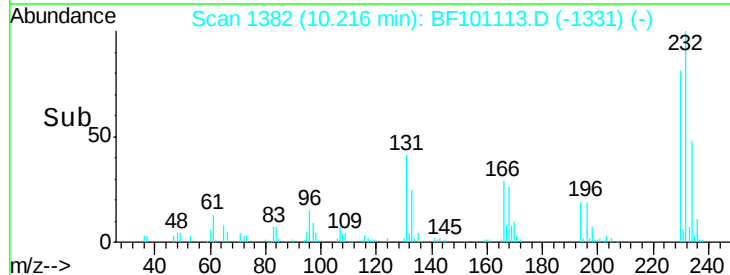
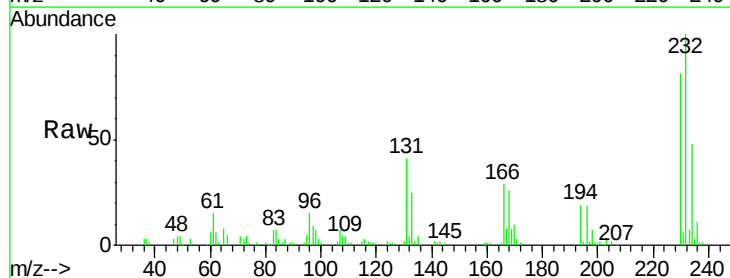
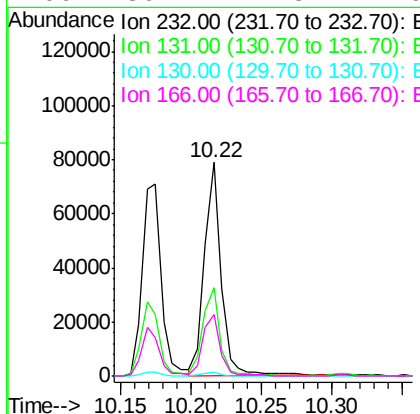
RT: 10.22 min Scan# 1382

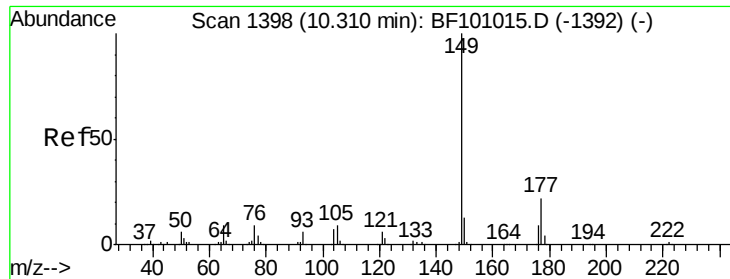
Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Tgt Ion:	232	Resp:	65221
Ion Ratio	Lower	Upper	
232	100		
131	42.1	43.8	65.8#
130	2.0	2.1	3.1#
166	30.2	27.8	41.6





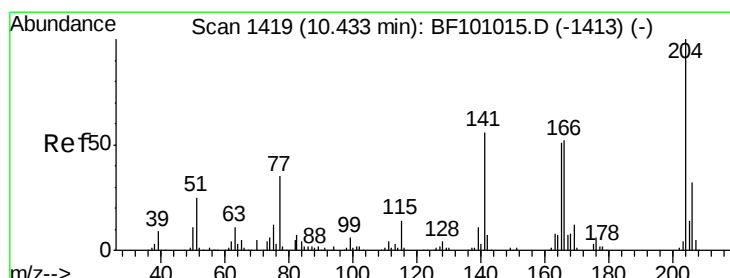
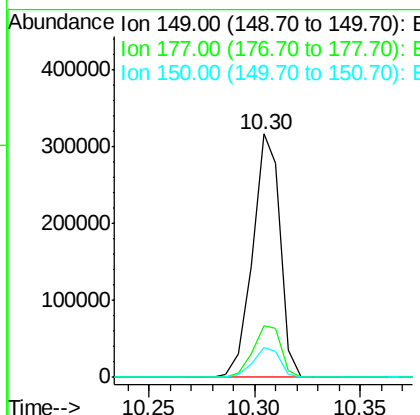
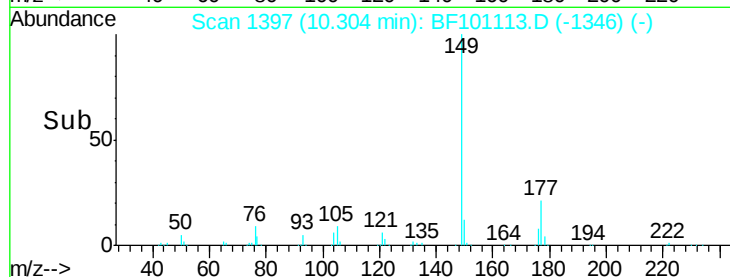
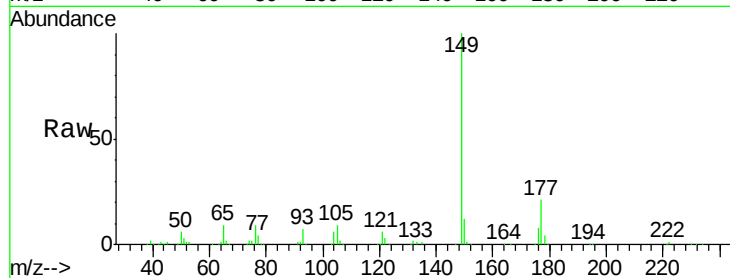
#59
Diethylphthalate
Concen: 40.137 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	286641		
177	21.5	16.1	24.1	
150	12.3	10.1	15.1	

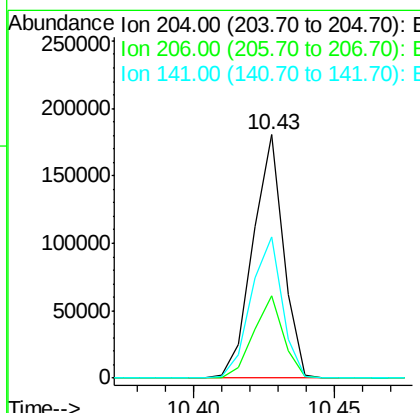
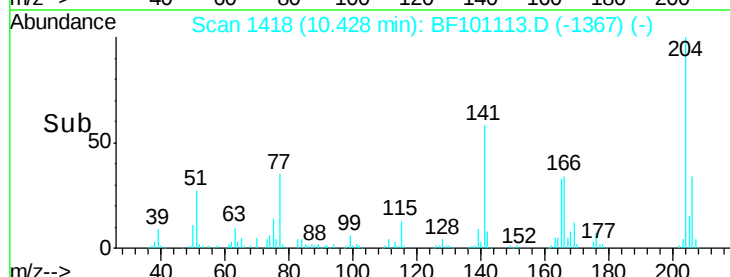
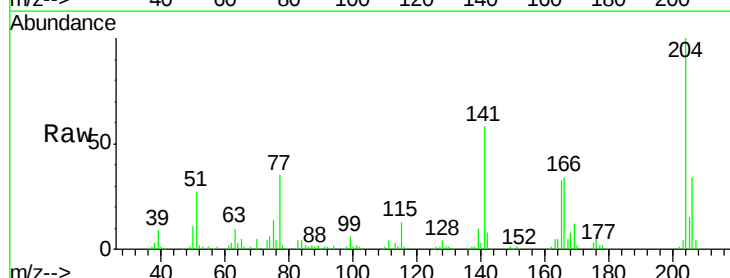
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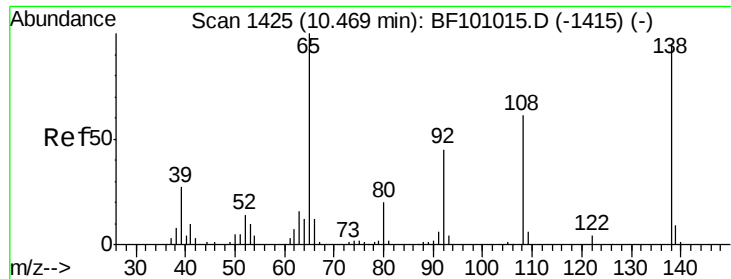
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#60
4-Chlorophenyl-phenylether
Concen: 40.867 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	135881		
206	33.6	26.5	39.7	
141	58.2	54.6	81.8	





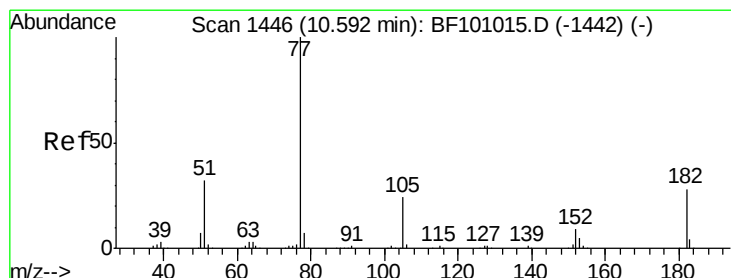
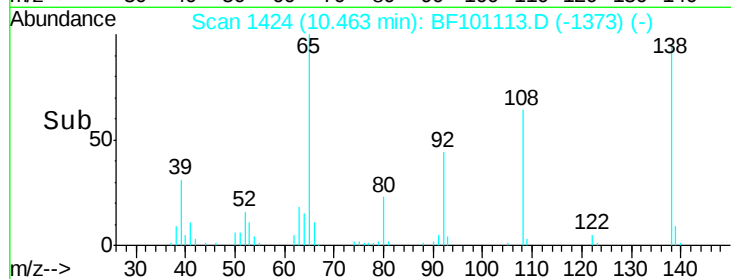
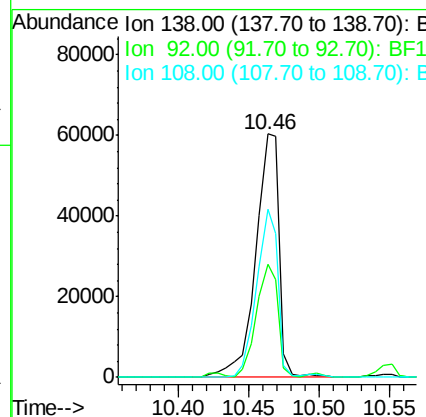
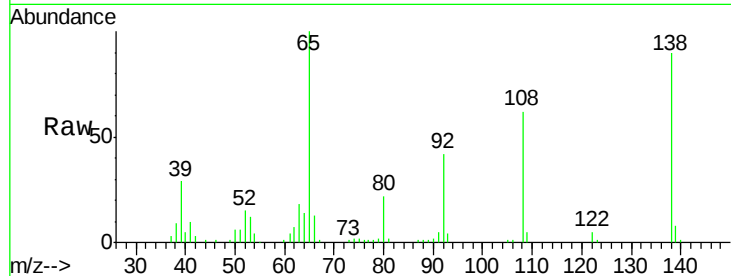
#61
4-Nitroaniline
Concen: 39.879 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.2	30.2	70.2
108	68.9	52.5	92.5

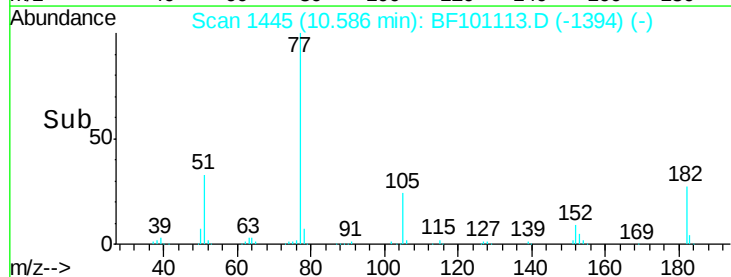
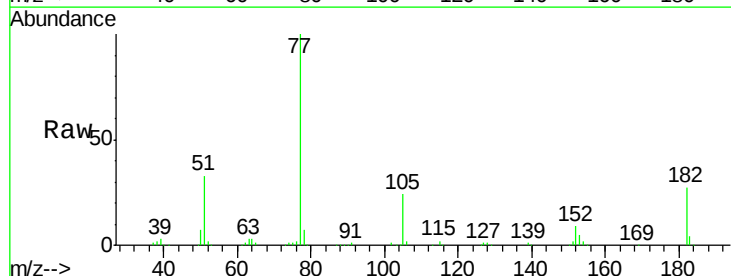
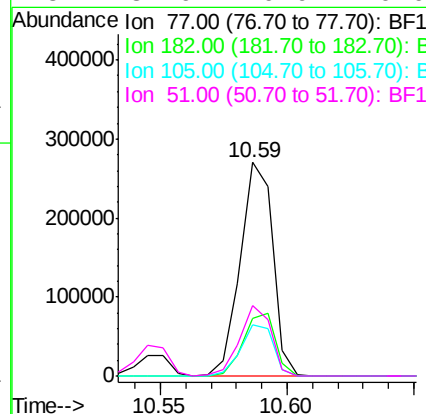
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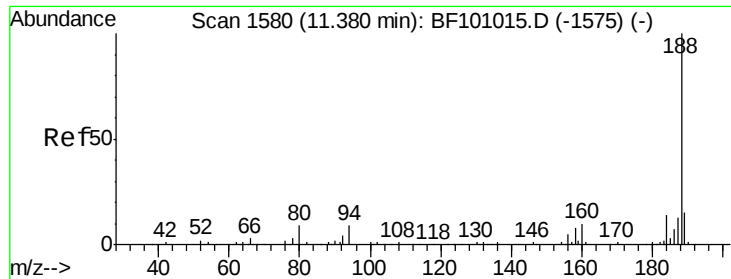
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#62
Azobenzene
Concen: 39.742 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.9	1.7	41.7
105	23.8	3.0	43.0
51	32.9	9.9	49.9





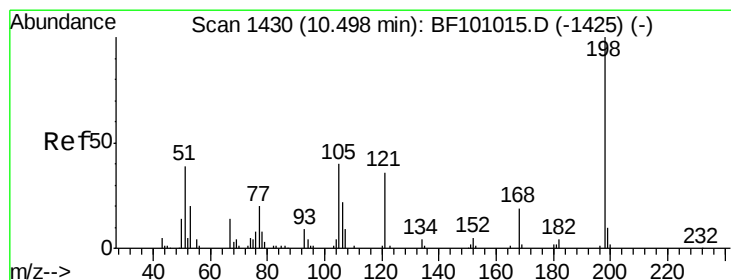
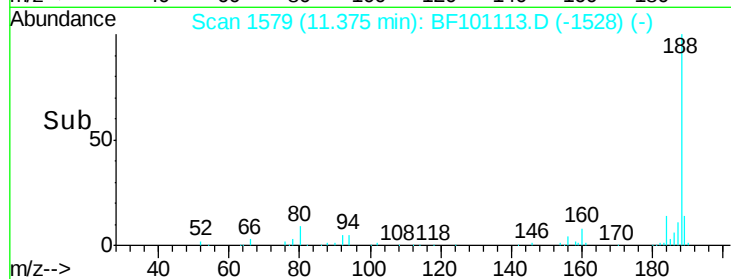
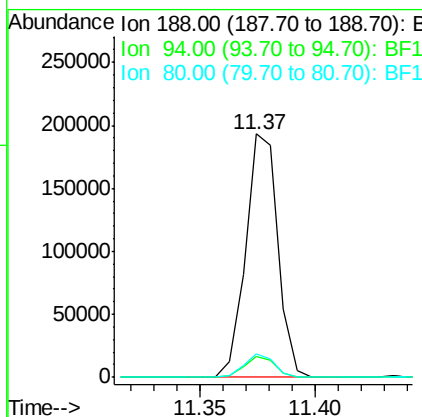
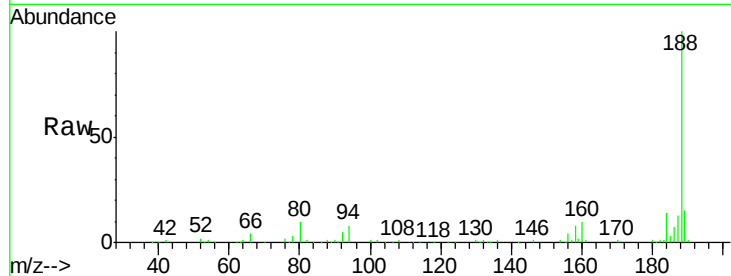
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	9.8	9.2	13.8

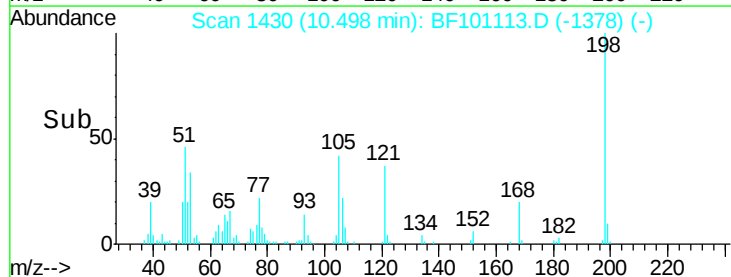
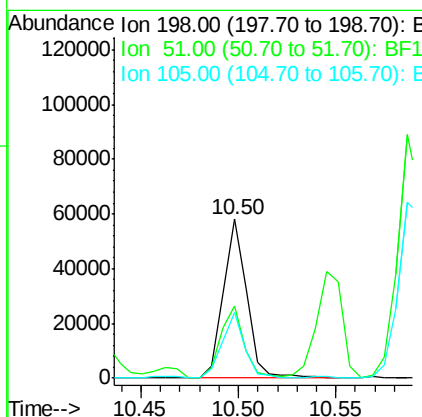
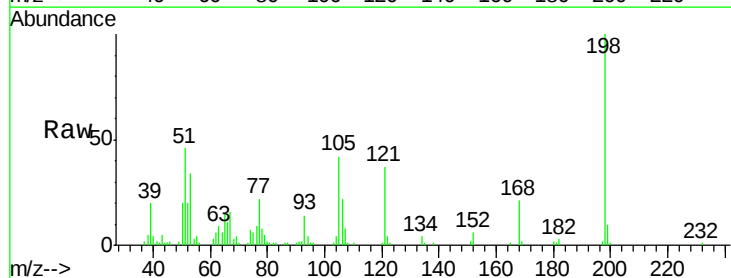
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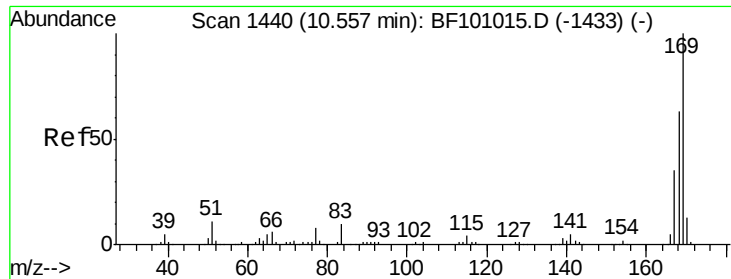
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.456 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	45.5	37.7	77.7
105	41.7	36.3	76.3





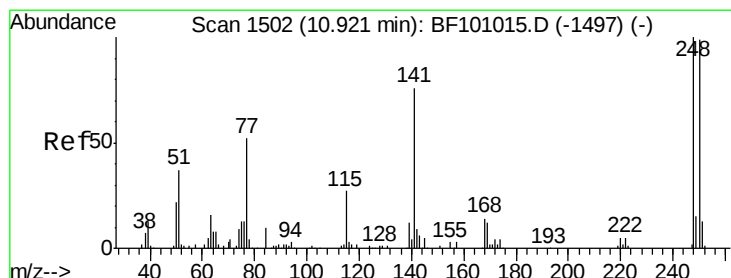
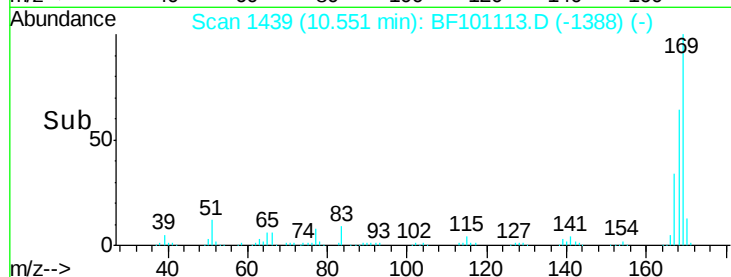
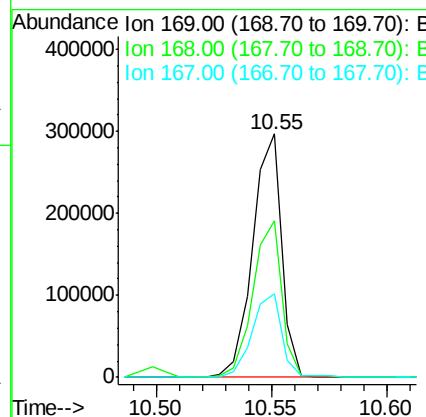
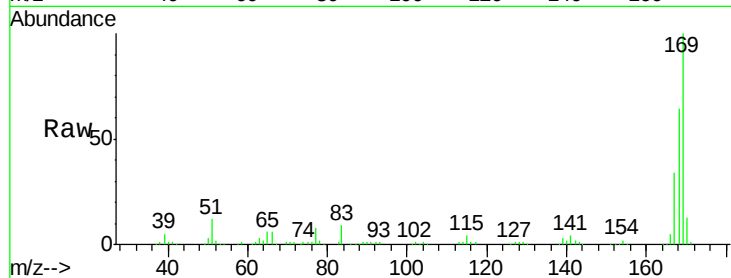
#65
 n-Nitrosodiphenylamine
 Concen: 39.351 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	261136		
168	64.2		54.4	81.6
167	34.3		29.8	44.6

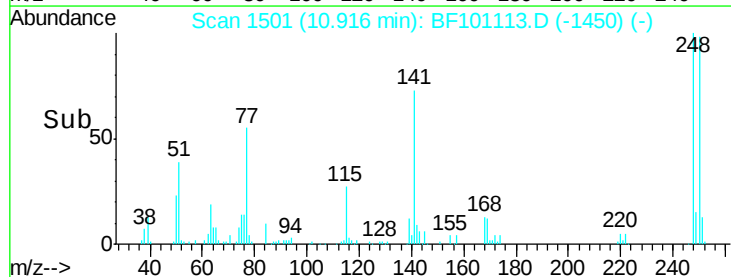
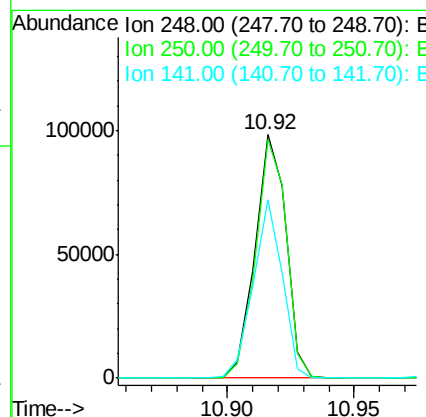
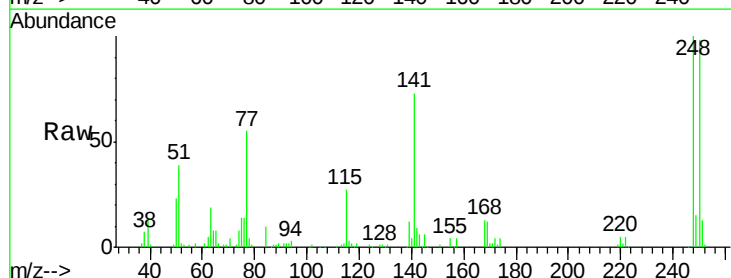
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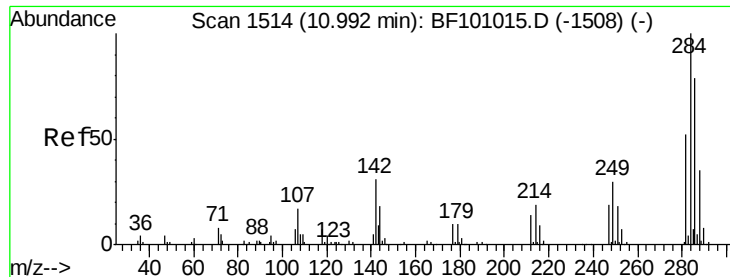
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#66
 4-Bromophenyl-phenylether
 Concen: 39.654 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	83492		
250	97.8		76.9	115.3
141	73.3		74.4	111.6#





#67

Hexachlorobenzene

Concen: 38.499 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

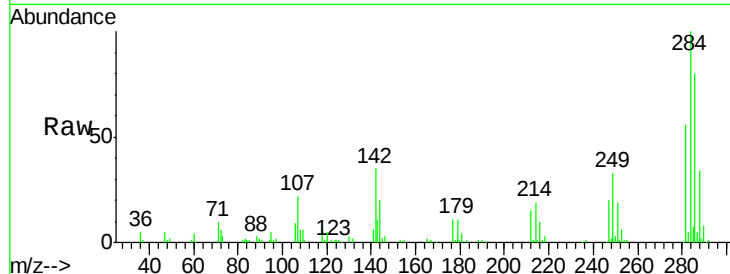
ClientSampleId :

SSTDCCC040

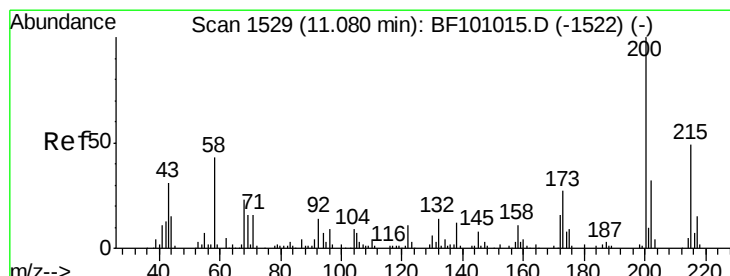
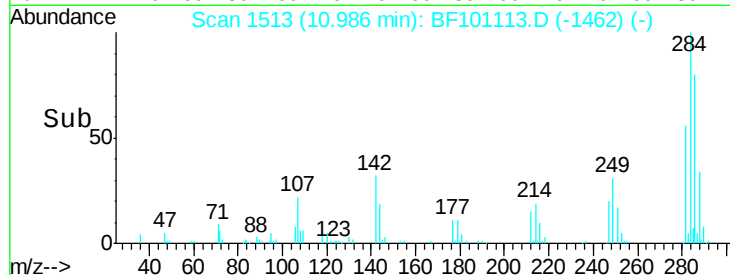
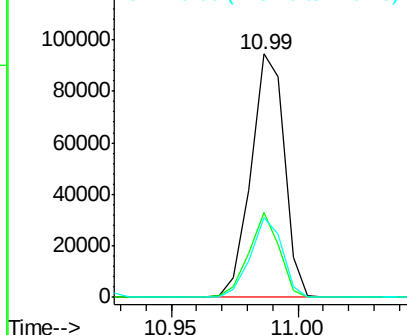
Tot Ion:	284	Resp:	86877
Ion Ratio	Lower	Upper	
284	100		
142	34.6	34.6	52.0#
249	32.8	24.8	37.2

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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: 39.503 ng

RT: 11.07 min Scan# 1528

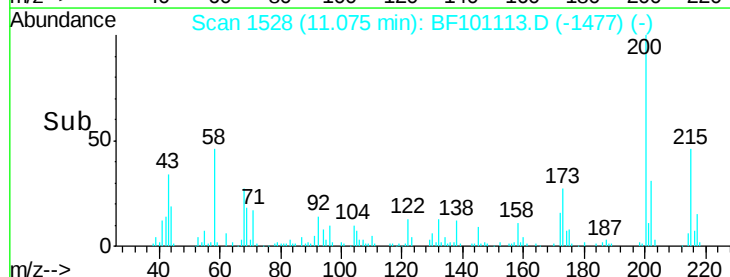
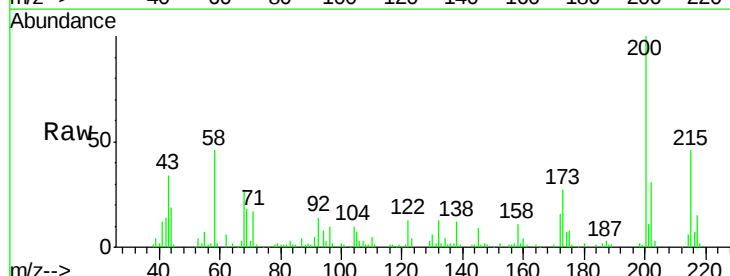
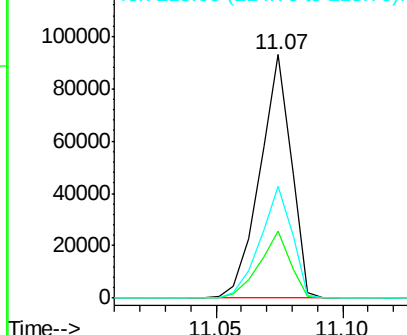
Delta R.T. 0.00 min

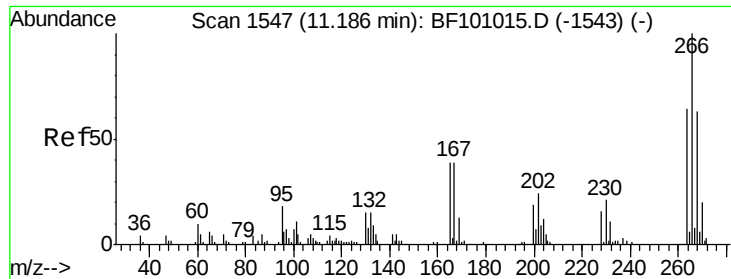
Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Tgt Ion:	200	Resp:	80413
Ion Ratio	Lower	Upper	
200	100		
173	27.4	8.6	48.6
215	46.1	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





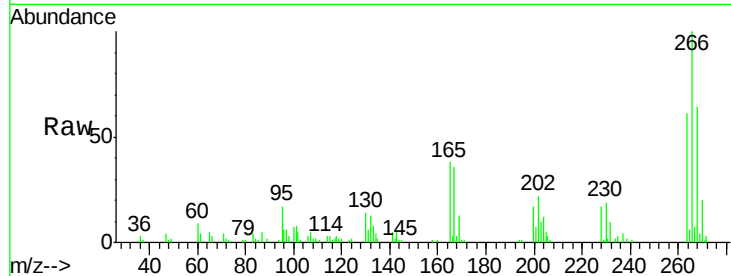
#69
 Pentachlorophenol
 Concen: 37.211 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

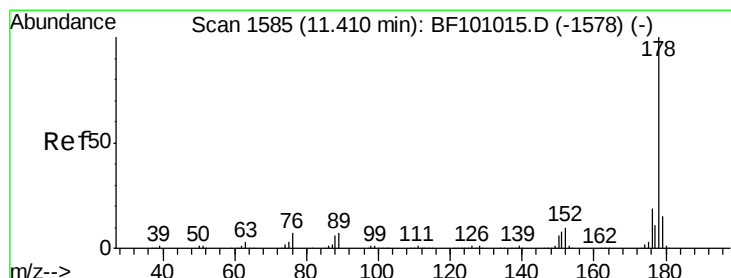
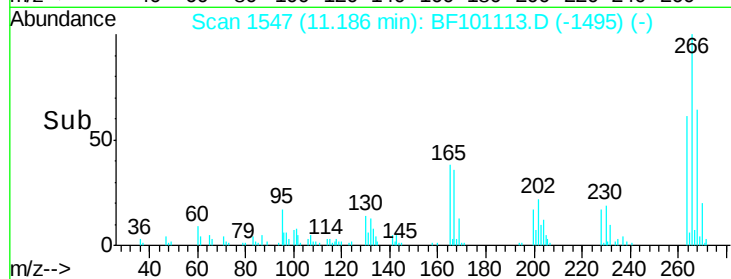
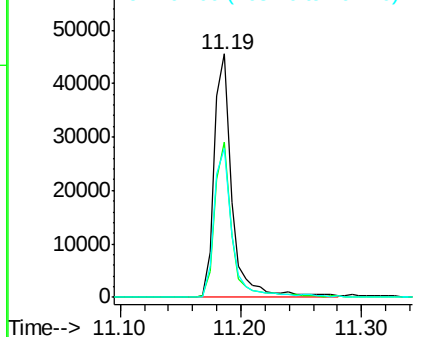
Tot Ion	Ratio	Resp	Lower	Upper
266	100	46170		
268	63.8	51.1	76.7	
264	61.3	49.5	74.3	

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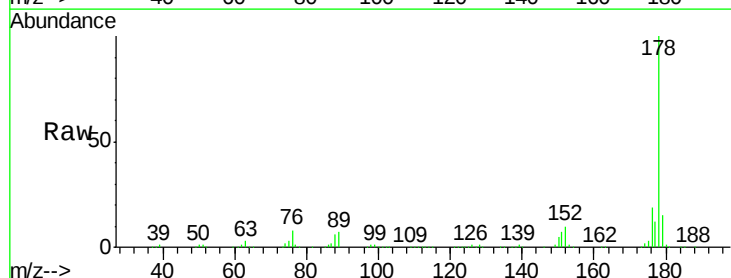


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

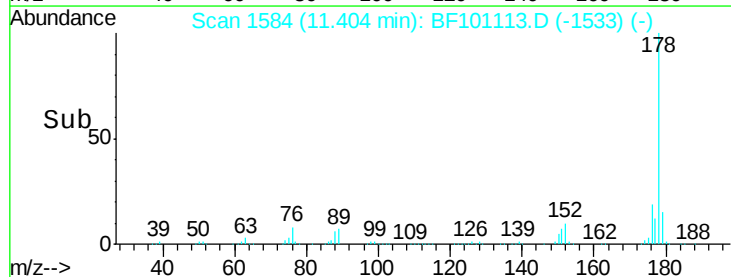
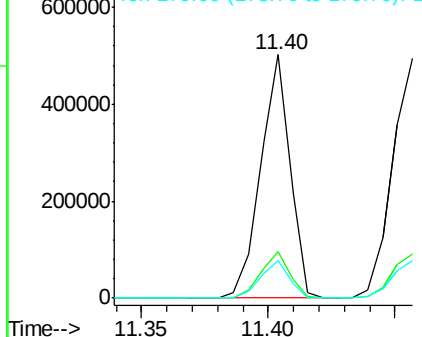


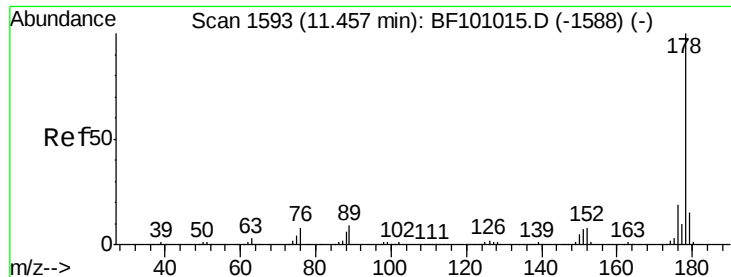
#70
 Phenanthrene
 Concen: 39.335 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	407469		
176	19.0	15.8	23.8	
179	15.2	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





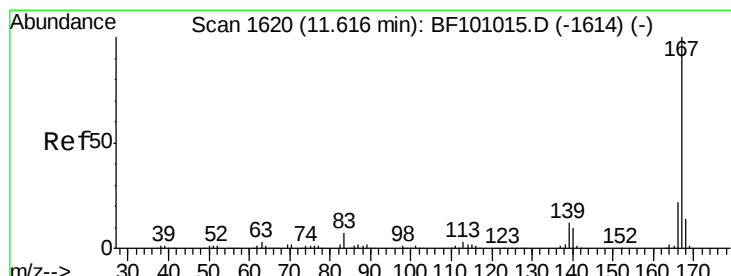
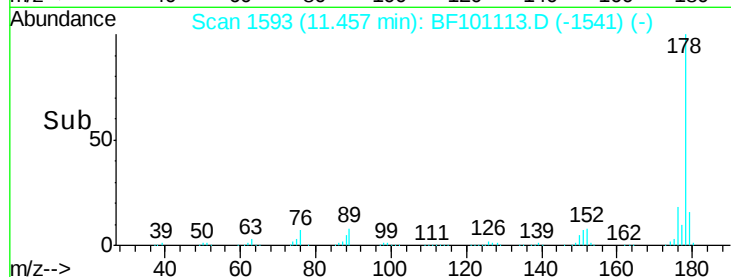
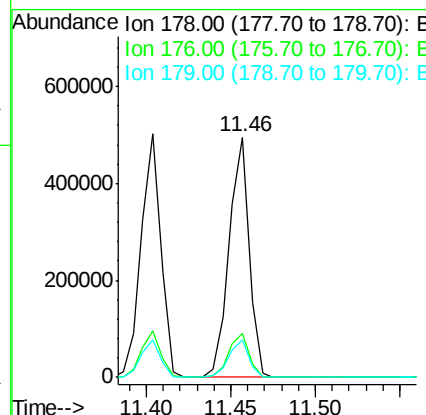
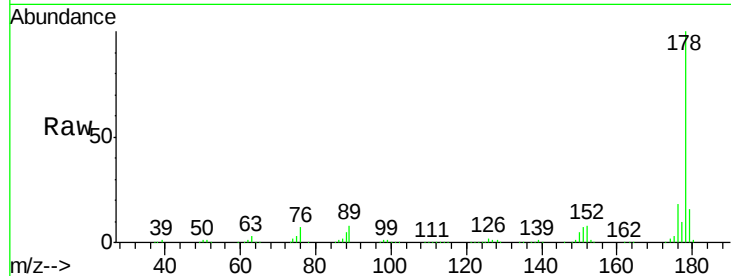
#71
 Anthracene
 Concen: 39.111 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.6	12.6	19.0

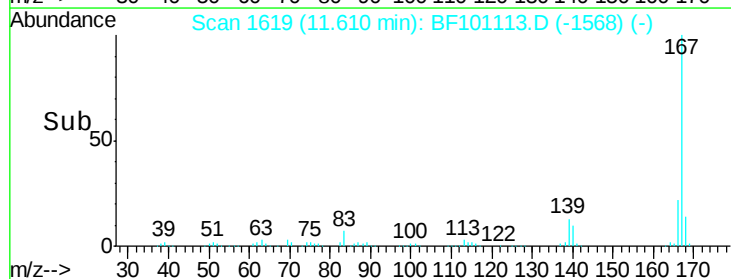
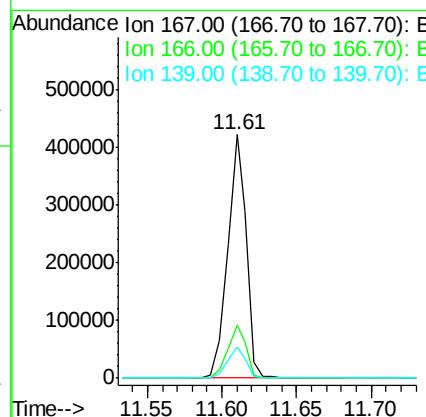
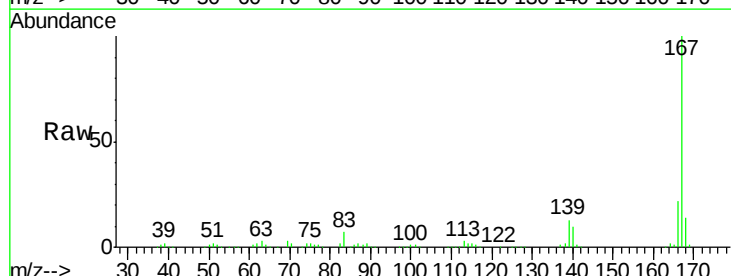
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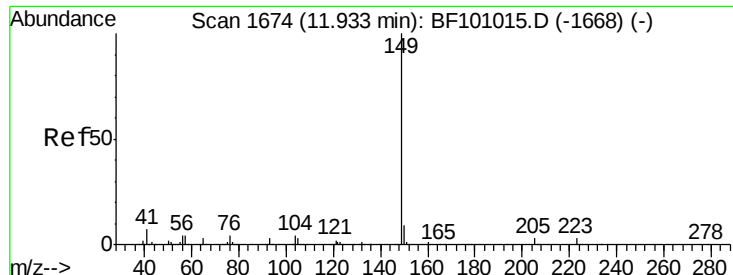
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#72
 Carbazole
 Concen: 38.779 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.684 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

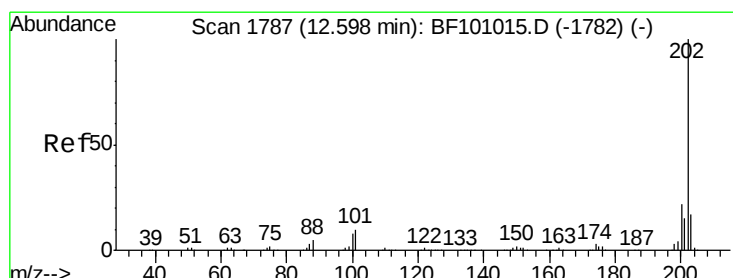
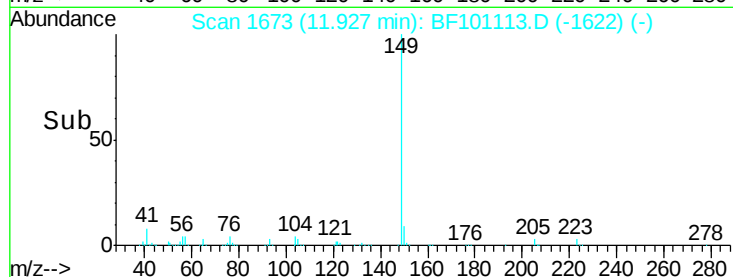
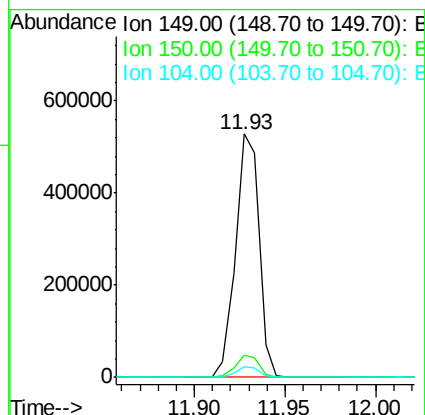
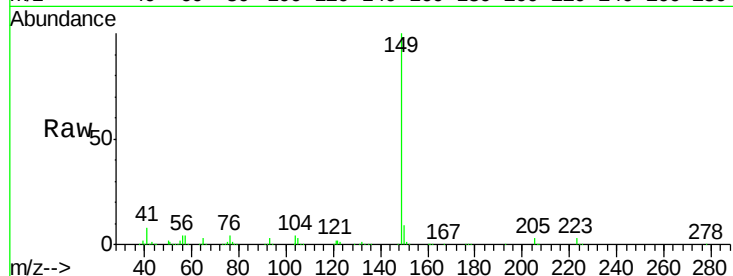
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	476467
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 38.787 ng

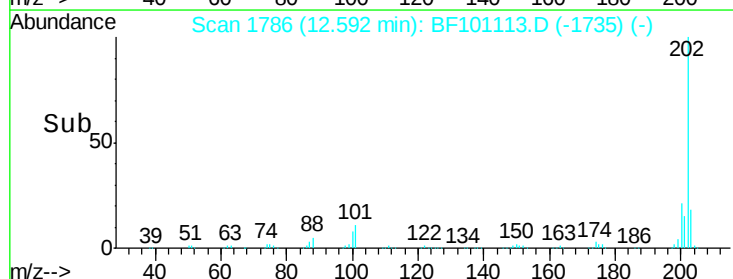
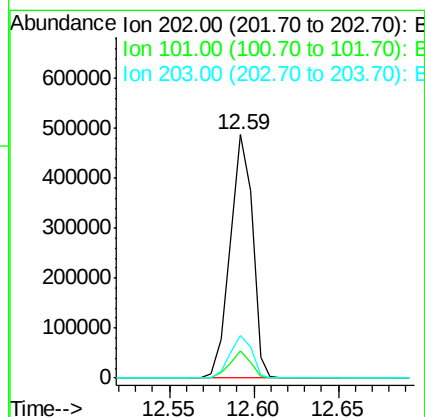
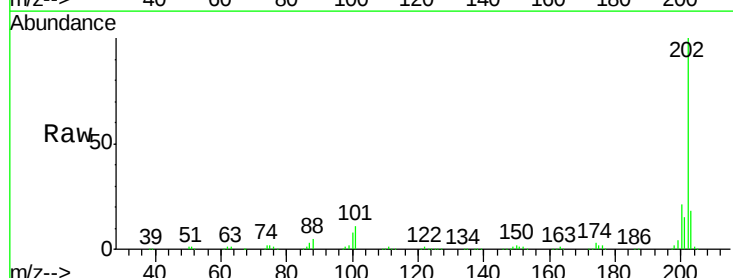
RT: 12.59 min Scan# 1786

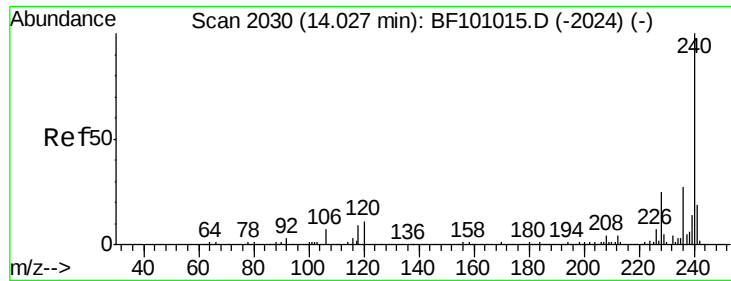
Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Tgt Ion:	202	Resp:	445381
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	34.1
203	17.7	0.0	38.1





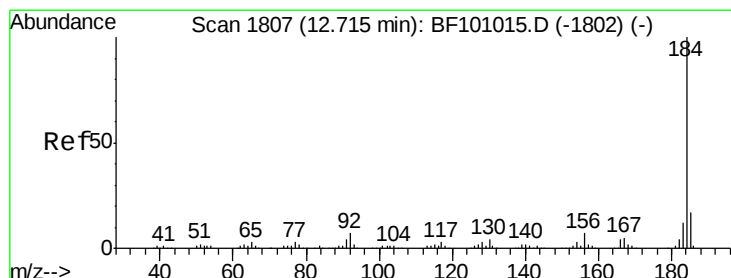
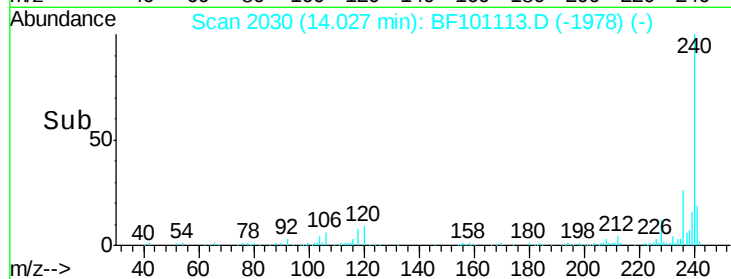
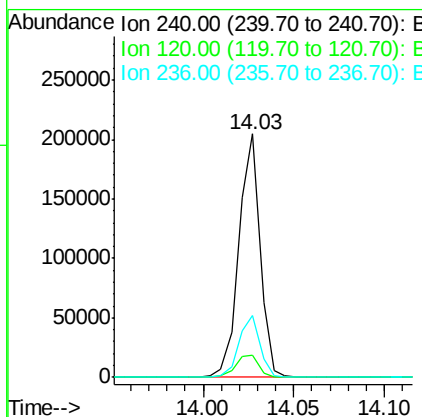
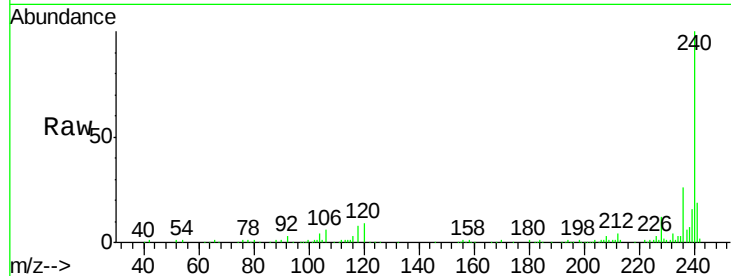
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	25.5	20.7	31.1

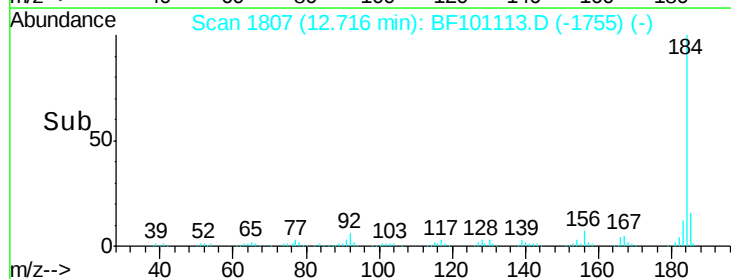
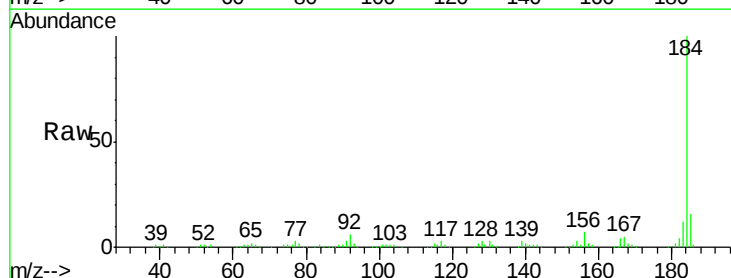
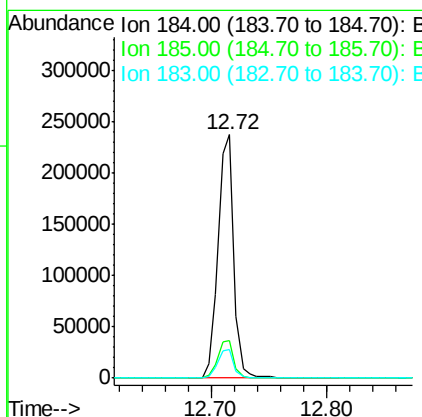
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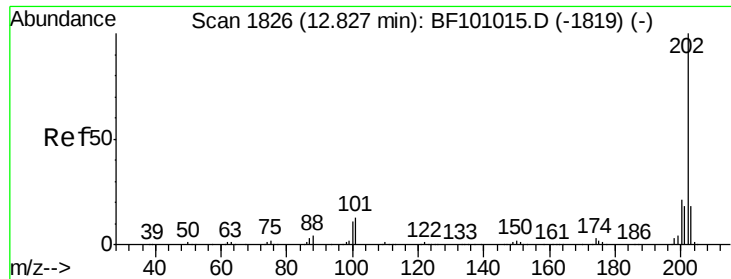
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#76
Benzidine
Concen: 41.369 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.6	18.8
183	11.8	9.3	13.9





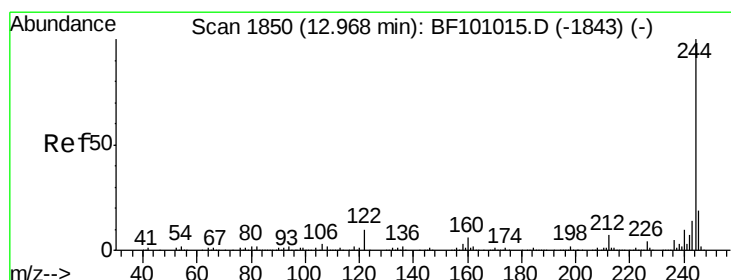
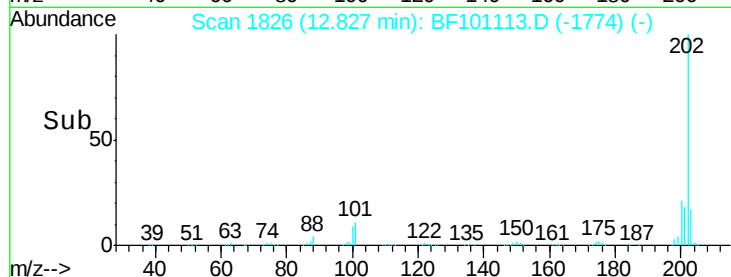
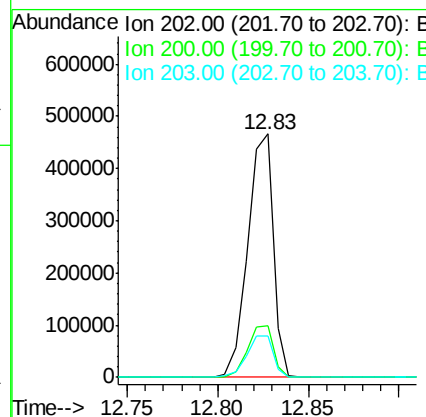
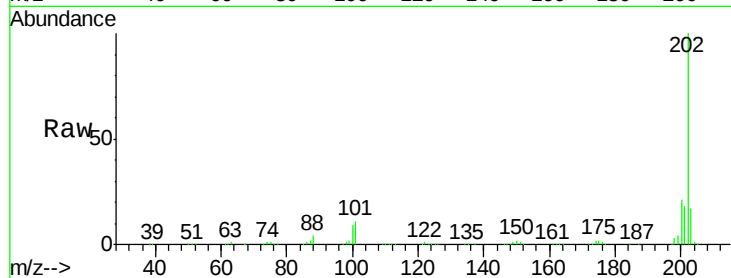
#77
 Pvrene
 Concen: 39.536 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	16.8	14.3	21.5

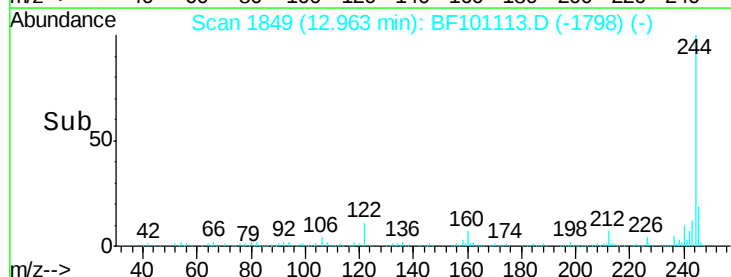
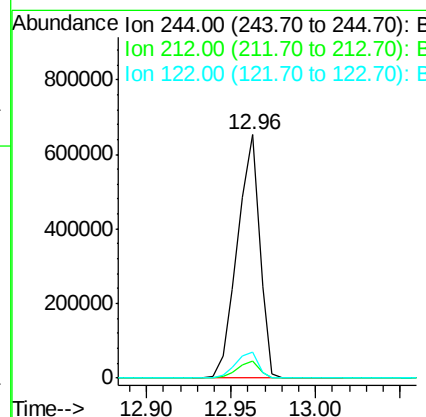
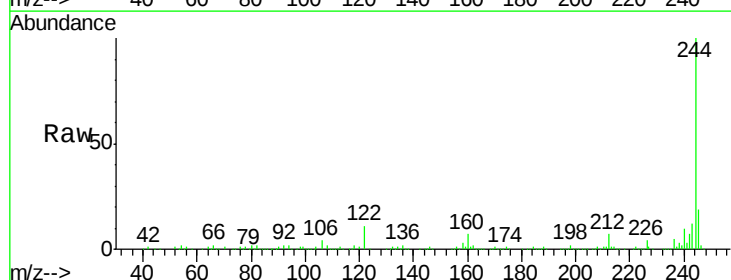
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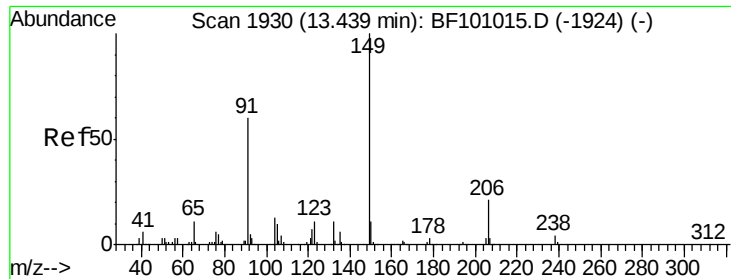
Sohil
 12/6/2017 5:12:09 PM



#78
 Terphenyl-d14
 Concen: 78.775 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.9	11.0	16.4#





#79

Butylbenzylphthalate

Concen: 39.938 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

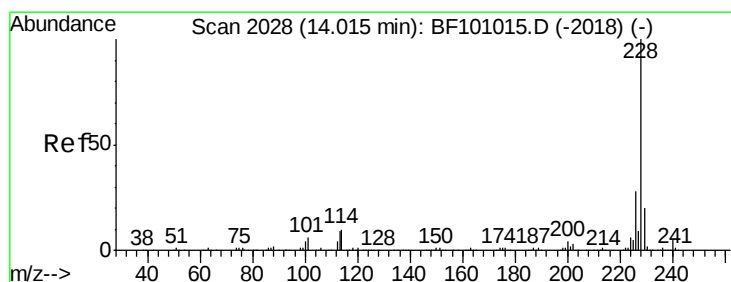
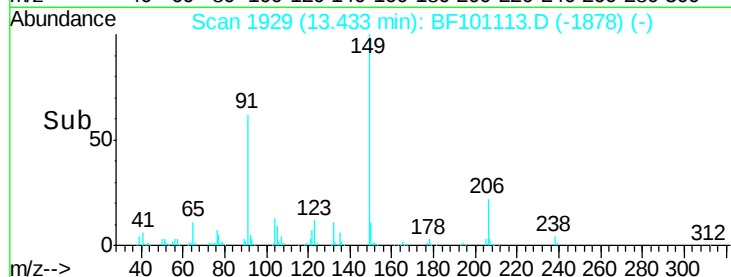
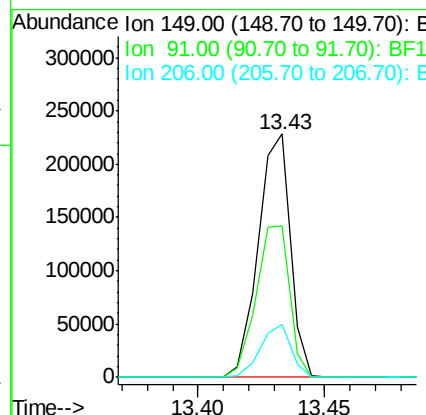
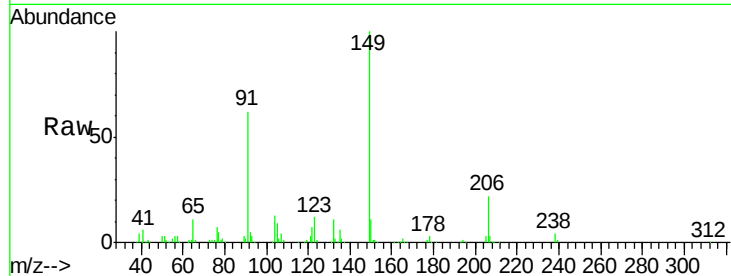
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	202716
Ion Ratio	Lower	Upper	
149	100		
91	62.1	56.8	85.2
206	21.7	14.1	21.1#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 40.237 ng

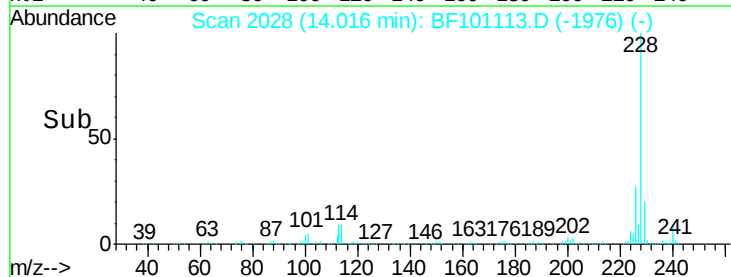
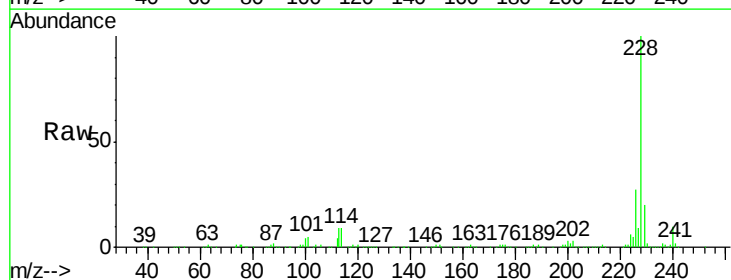
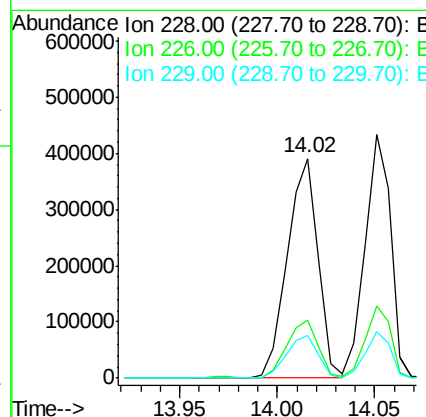
RT: 14.02 min Scan# 2028

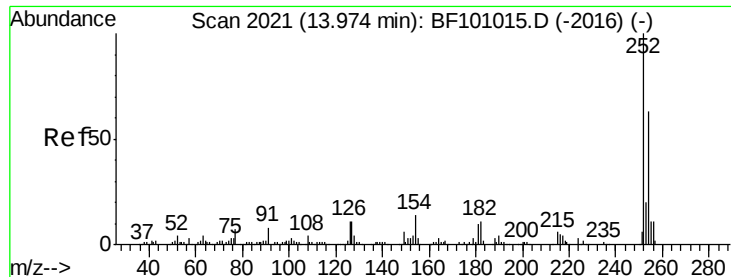
Delta R.T. 0.01 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Tgt Ion:	228	Resp:	423862
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.6	33.8
229	19.5	15.8	23.6





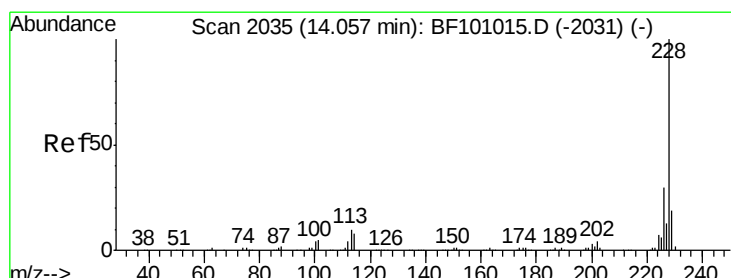
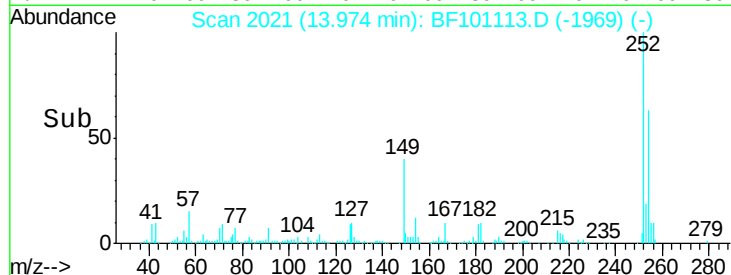
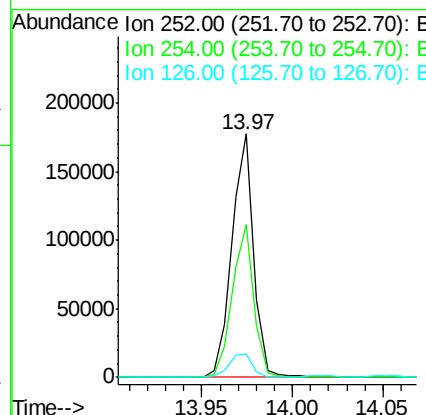
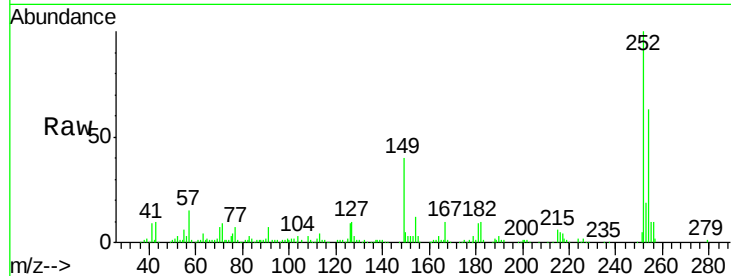
#81
 3,3'-Dichlorobenzidine
 Concen: 40.451 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.9	50.4	75.6
126	9.5	11.3	16.9

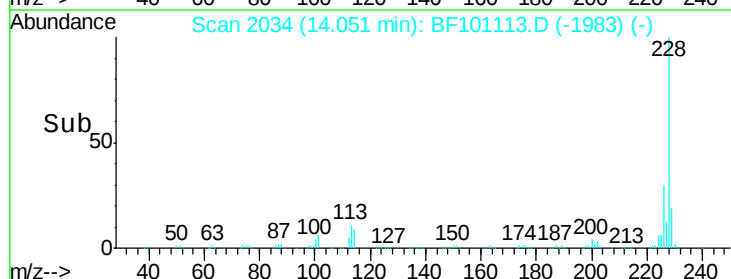
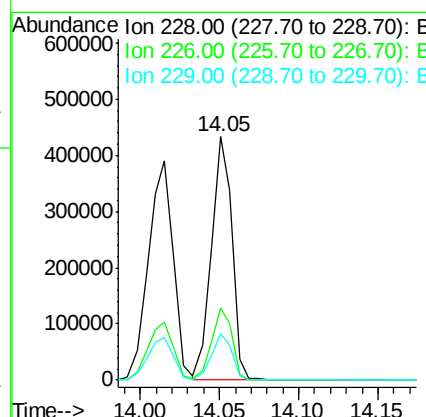
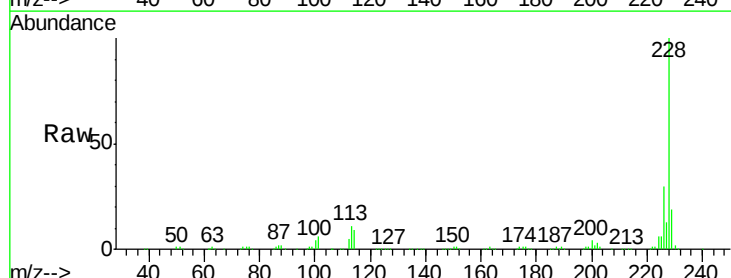
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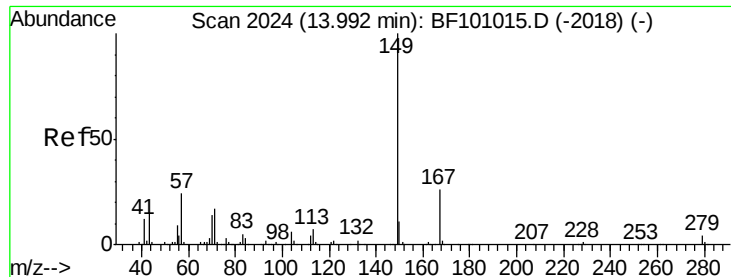
Sohil
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#82
 Chrysene
 Concen: 40.398 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.704 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

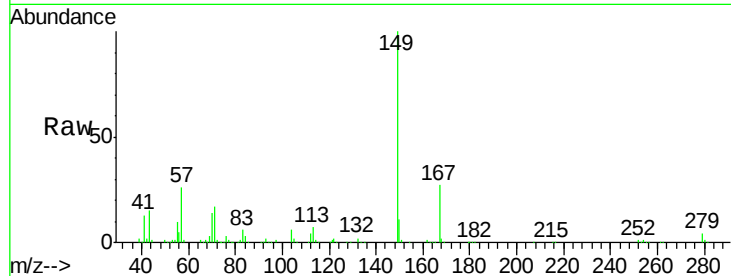
ClientSampleId :

SSTDCCC040

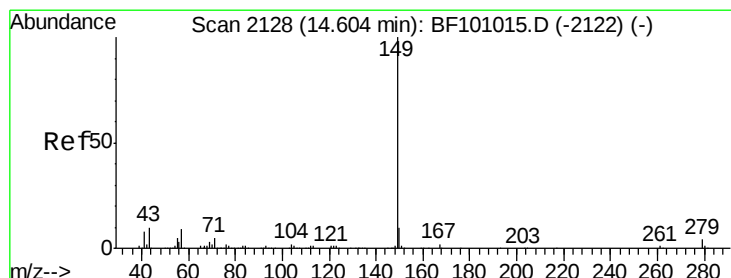
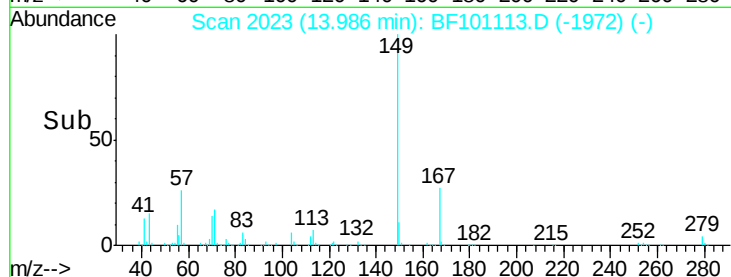
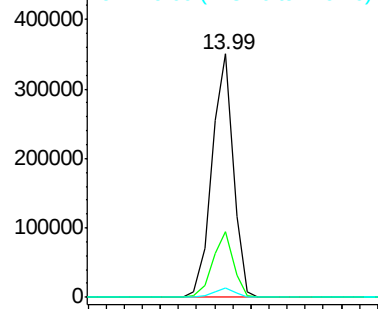
Tot Ion:	149	Resp:	287352
Ion Ratio		Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.9	3.0	4.4

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.131 ng

RT: 14.60 min Scan# 2127

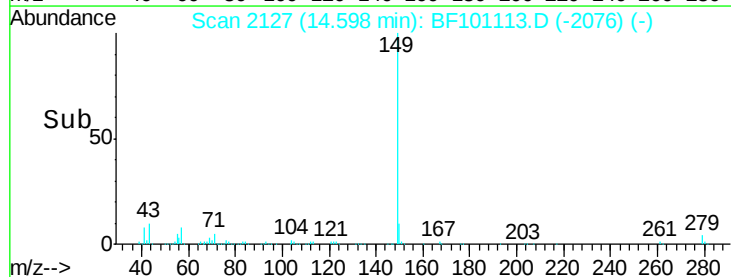
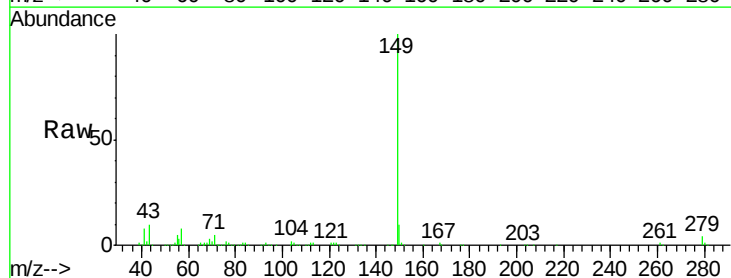
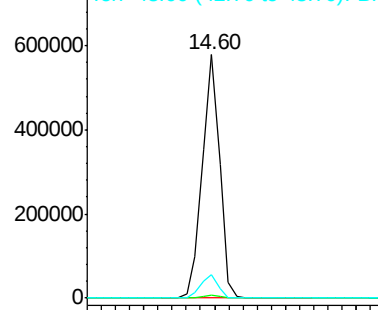
Delta R.T. 0.00 min

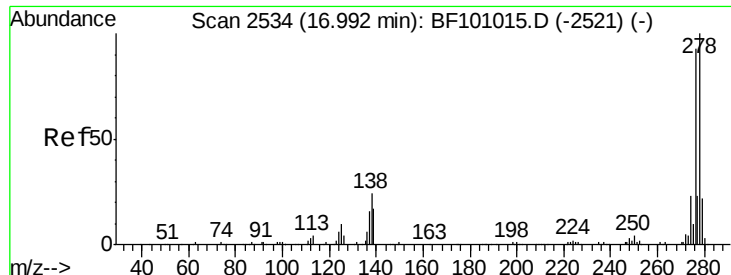
Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Tgt Ion:	149	Resp:	495632
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.9	8.4	12.6

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.190 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

Instrument :

BNA_F

ClientSampleId :

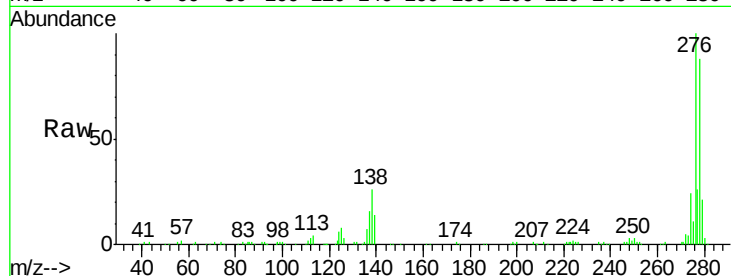
SSTDCCC040

Tot Ion:	276	Resp:	358260
Ion Ratio	Lower	Upper	
276	100		
138	24.2	25.0	37.6#
277	25.8	20.1	30.1

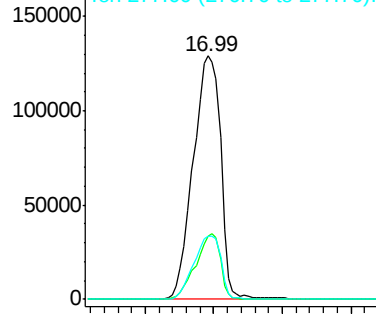
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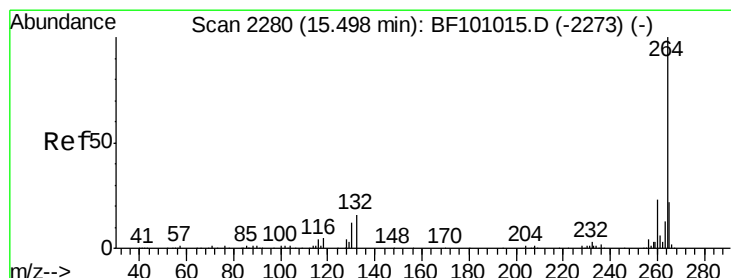
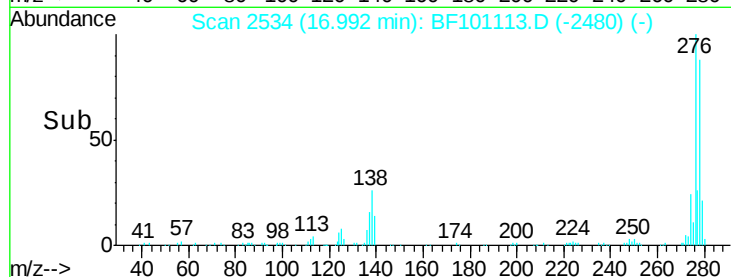
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

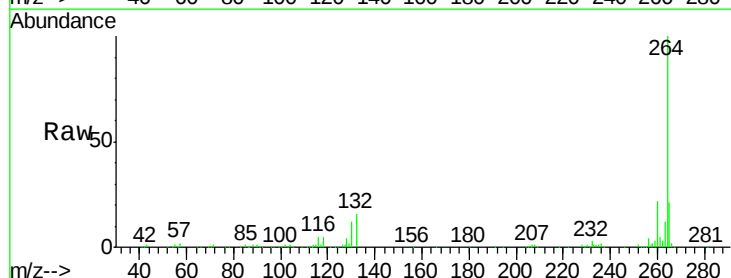
RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

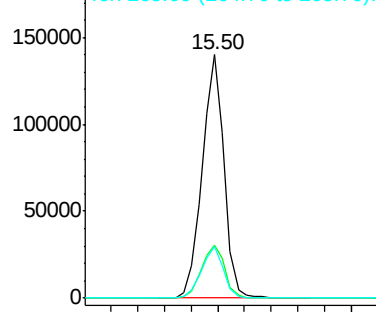
Lab File: BF101113.D

Acq: 5 Dec 2017 10:08

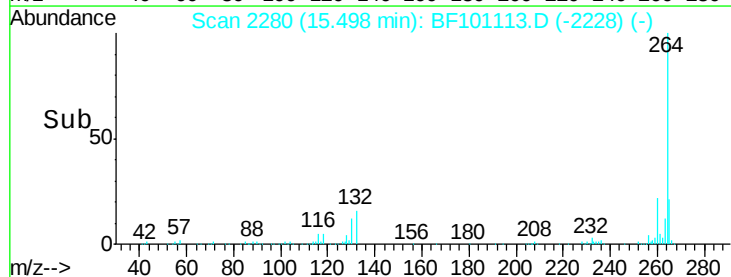
Tgt Ion:	264	Resp:	160645
Ion Ratio	Lower	Upper	
264	100		
260	21.8	19.2	28.8
265	21.2	17.5	26.3

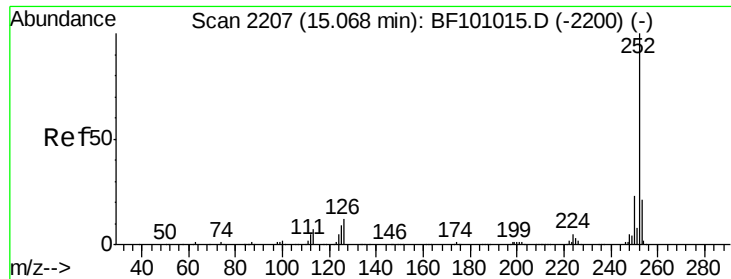


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





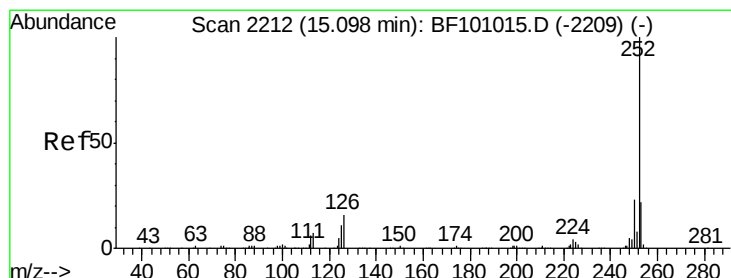
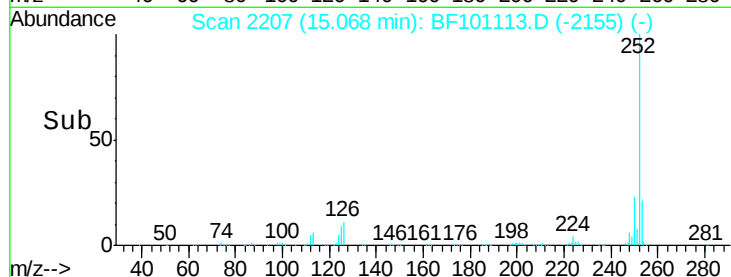
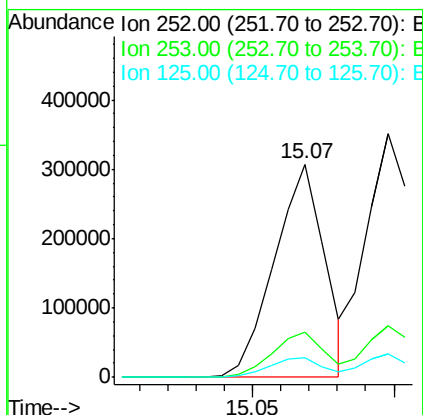
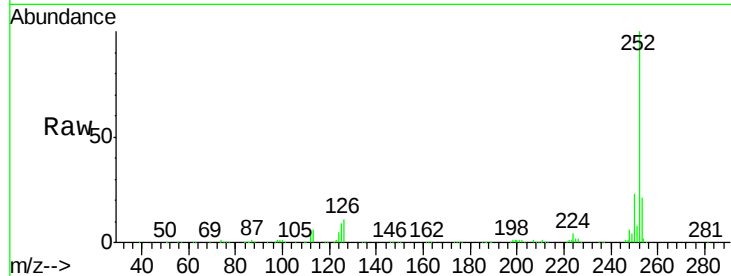
#87
Benzo(b)fluoranthene
Concen: 39.425 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	9.3	9.0	13.6

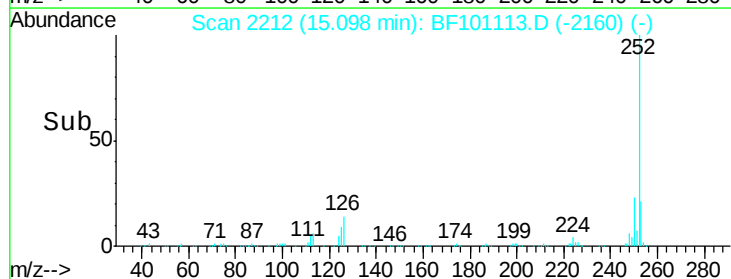
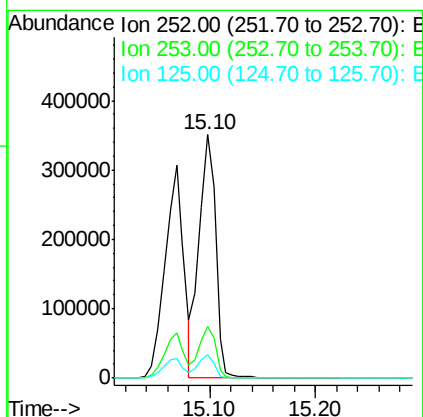
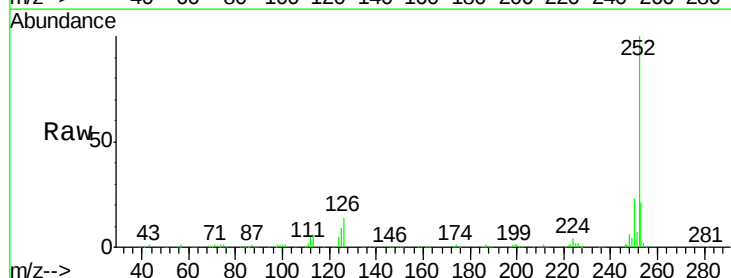
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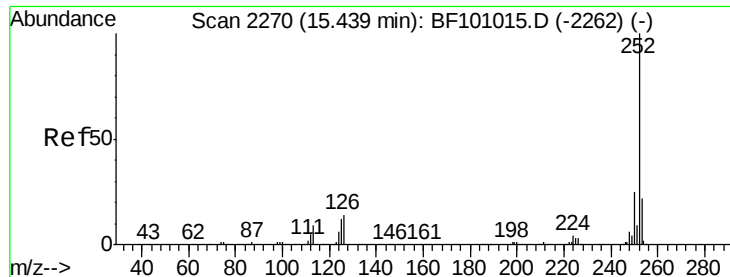
Sohil
12/6/2017 5:12:09 PM



#88
Benzo(k)fluoranthene
Concen: 40.073 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	9.4	10.2	15.2#





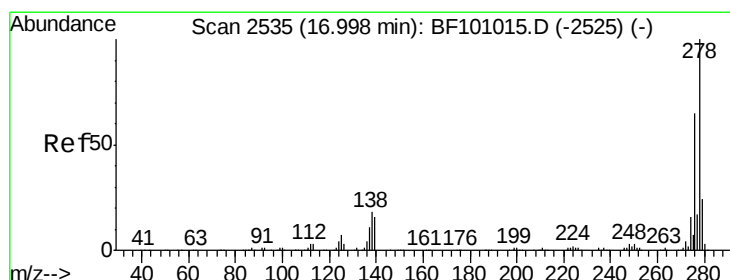
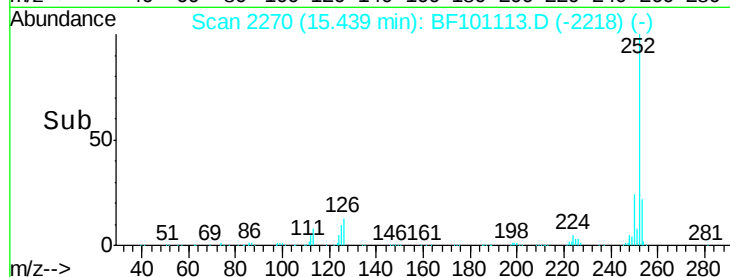
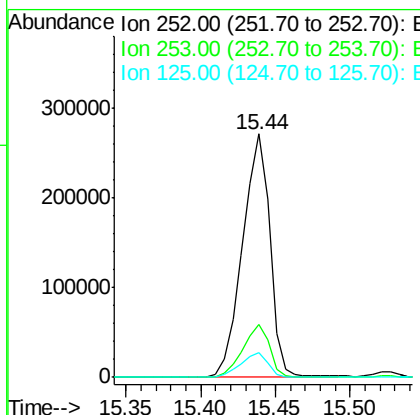
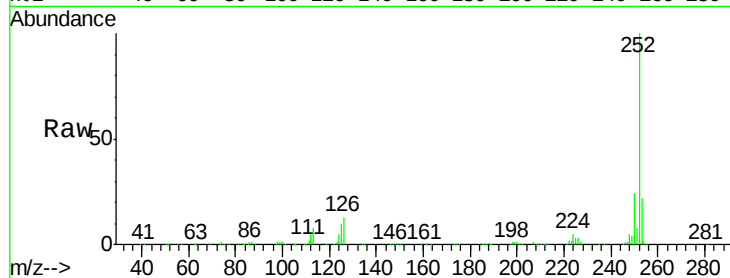
#89
Benzo(a)pyrene
Concen: 39.620 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	10.2	9.8	14.6

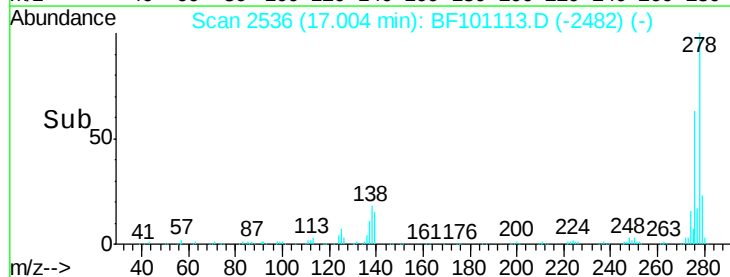
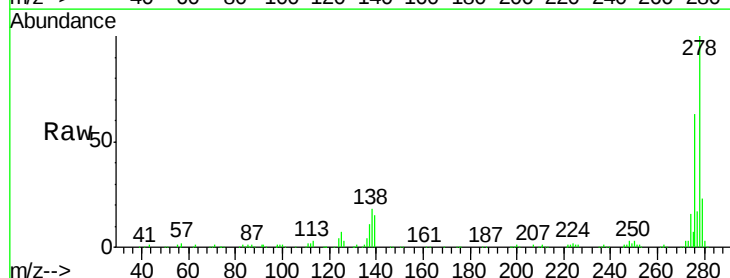
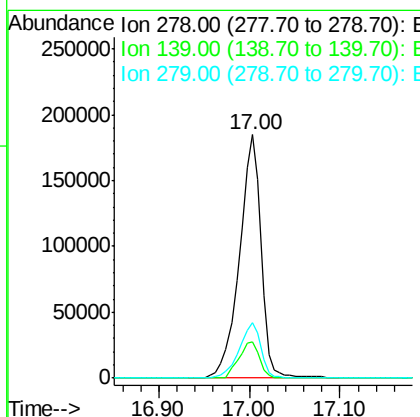
Manual Integrations
APPROVED

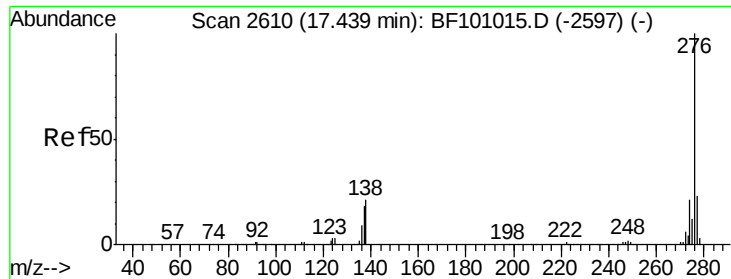
Sohil
12/6/2017 5:12:09 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.767 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BF101113.D
Acq: 5 Dec 2017 10:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	15.9	23.9#
279	22.9	19.0	28.4





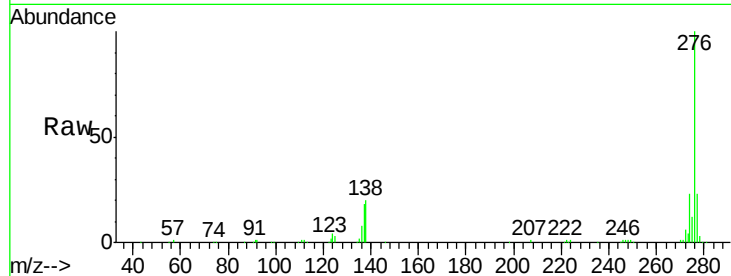
#91
 Benzo(a,h,i)perylene
 Concen: 40.098 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF101113.D
 Acq: 5 Dec 2017 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	20.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/6/2017 5:12:09 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

