

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101304.D
 Acq On : 11 Dec 2017 23:10
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:59:20 PM

Quant Time: Dec 12 11:03:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	46013	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	174052	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	76377	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	123920	20.00	ng	0.00
75) Chrysene-d12	14.02	240	100555	20.00	ng	0.01
86) Perylene-d12	15.49	264	87029	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	219297	78.76	ng	0.00
7) Phenol-d6	6.47	99	260785	77.14	ng	0.00
23) Nitrobenzene-d5	7.40	82	234376	80.33	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	55485	60.47	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	477420	85.52	ng	0.00
78) Terphenyl-d14	12.95	244	351775	76.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	43722	37.971	ng	98
3) Pyridine	3.32	79	110395	36.984	ng	97
4) n-Nitrosodimethylamine	3.28	42	58648	40.228	ng	# 89
6) Aniline	6.50	93	165303	37.601	ng	98
8) 2-Chlorophenol	6.62	128	116907	38.506	ng	92
9) Benzaldehyde	6.39	77	73050	35.304	ng	89
10) Phenol	6.49	94	142715	37.965	ng	81
11) bis(2-Chloroethyl)ether	6.57	93	105753	37.506	ng	99
12) 1,3-Dichlorobenzene	6.77	146	135401	38.300	ng	100
13) 1,4-Dichlorobenzene	6.85	146	138368	37.804	ng	99
14) 1,2-Dichlorobenzene	7.00	146	130495	38.224	ng	97
15) Benzyl Alcohol	6.97	79	98491	37.720	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	140055	36.542	ng	85
17) 2-Methylphenol	7.09	107	93008	37.938	ng	94
18) Hexachloroethane	7.34	117	36521	31.057	ng	# 86
19) n-Nitroso-di-n-propylamine	7.25	70	84177	36.972	ng	94
20) 3+4-Methylphenols	7.25	107	119894	37.499	ng	# 58
22) Acetophenone	7.25	105	168041	39.962	ng	# 91
24) Nitrobenzene	7.42	77	115366	40.343	ng	96
25) Isophorone	7.66	82	193388	38.803	ng	98
26) 2-Nitrophenol	7.73	139	51125	32.568	ng	94
27) 2,4-Dimethylphenol	7.77	122	92170	40.589	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	132471	39.548	ng	99
29) 2,4-Dichlorophenol	7.98	162	96546	39.059	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	107531	39.563	ng	99
31) Naphthalene	8.14	128	329403	38.400	ng	99
32) Benzoic acid	7.89	122	31838m	18.026	ng	
33) 4-Chloroaniline	8.19	127	131550	38.167	ng	99
34) Hexachlorobutadiene	8.25	225	65963	39.569	ng	97
35) Caprolactam	8.57	113	25376	32.942	ng	87
36) 4-Chloro-3-methylphenol	8.67	107	93960	36.697	ng	97
37) 2-Methylnaphthalene	8.83	142	214750	36.843	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	116924	42.141	ng	# 97
40) Hexachlorocyclopentadiene	8.97	237	894m	8.966	ng	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	63424	38.994	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	64736	37.229	nq	94
45) 1,1'-Biphenyl	9.29	154	287949	41.149	nq	97
46) 2-Chloronaphthalene	9.32	162	199493	40.143	nq	95
47) 2-Nitroaniline	9.42	65	58940	40.086	nq	98
48) Acenaphthylene	9.73	152	315720	38.658	nq	99
49) Dimethylphthalate	9.59	163	246481	40.016	nq	99
50) 2,6-Dinitrotoluene	9.66	165	46676	35.978	nq	89
51) Acenaphthene	9.90	154	186110	38.057	nq	99
52) 3-Nitroaniline	9.83	138	56140	38.479	nq	95
54) Dibenzofuran	10.08	168	262850	37.297	nq	97
55) 4-Nitrophenol	10.00	139	30563	31.062	nq	98
56) 2,4-Dinitrotoluene	10.07	165	54165	31.153	nq	# 92
57) Fluorene	10.42	166	206343	36.018	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	43665	31.362	nq	# 84
59) Diethylphthalate	10.29	149	234196	38.548	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	107882	38.139	nq	92
61) 4-Nitroaniline	10.45	138	53521	35.340	nq	86
62) Azobenzene	10.57	77	181082	35.121	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	2558	3.078	nq	88
65) n-Nitrosodiphenylamine	10.53	169	198708	45.453	nq	96
66) 4-Bromophenyl-phenylether	10.90	248	61882	44.613	nq	# 90
67) Hexachlorobenzene	10.97	284	58834	39.576	nq	# 88
68) Atrazine	11.06	200	53865	40.167	nq	97
69) Pentachlorophenol	11.17	266	25437m	31.120	nq	
70) Phenanthrene	11.39	178	260979	38.243	nq	98
71) Anthracene	11.44	178	261619	37.879	nq	98
72) Carbazole	11.60	167	226978	35.968	nq	98
73) Di-n-butylphthalate	11.92	149	325388	41.138	nq	97
74) Fluoranthene	12.58	202	250467	33.111	nq	94
76) Benzidine	12.70	184	113168	34.609	nq	98
77) Pyrene	12.81	202	255603	36.838	nq	98
79) Butylbenzylphthalate	13.42	149	113143	36.985	nq	92
80) Benzo(a)anthracene	14.00	228	238099	37.502	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	87004	39.569	nq	98
82) Chrysene	14.04	228	225112	38.178	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	160032	36.689	nq	100
84) Di-n-octyl phthalate	14.58	149	274585	37.808	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	168366	32.118	nq	# 92
87) Benzo(b)fluoranthene	15.06	252	201841m	38.720	nq	
88) Benzo(k)fluoranthene	15.09	252	209311	40.755	nq	# 96
89) Benzo(a)pyrene	15.43	252	178763	37.721	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	146002	34.946	nq	# 95
91) Benzo(g,h,i)perylene	17.43	276	129886	32.988	nq	# 91

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

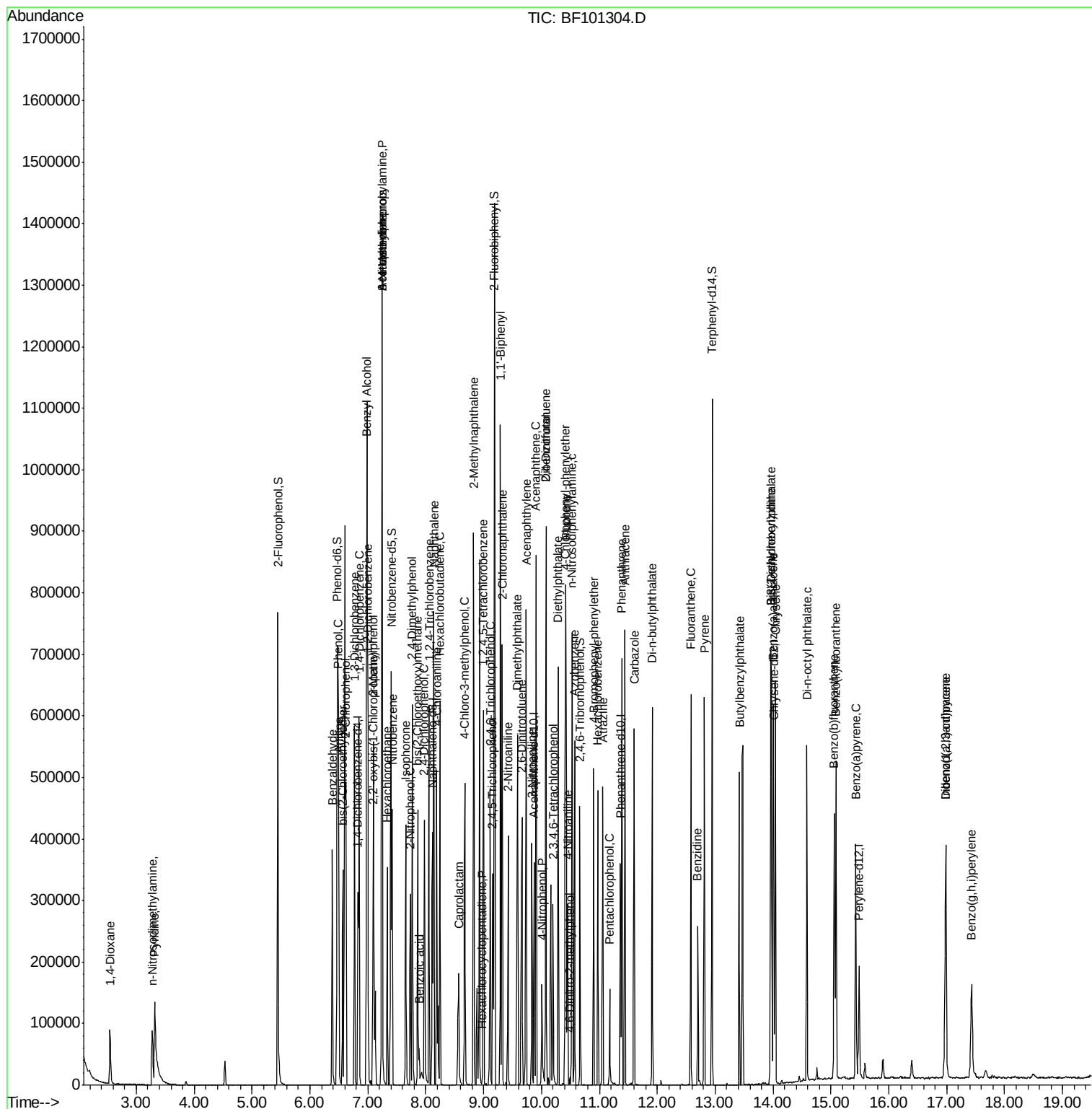
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\  
Data File : BF101304.D  
Acq On    : 11 Dec 2017  23:10  
Operator  : SJ/JU  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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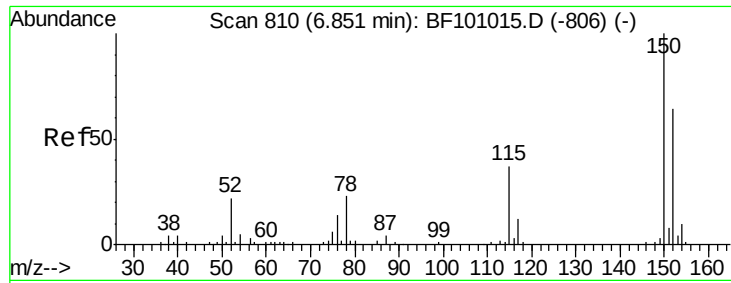
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

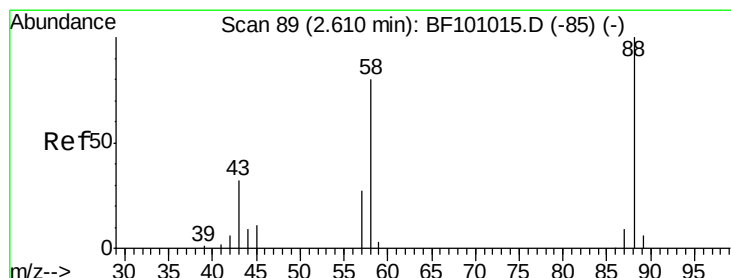
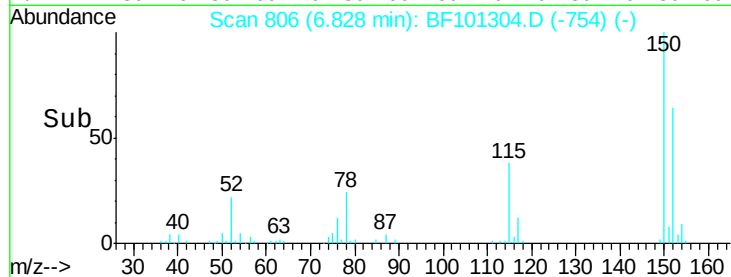
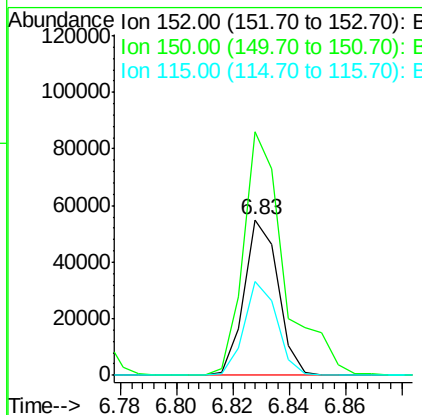
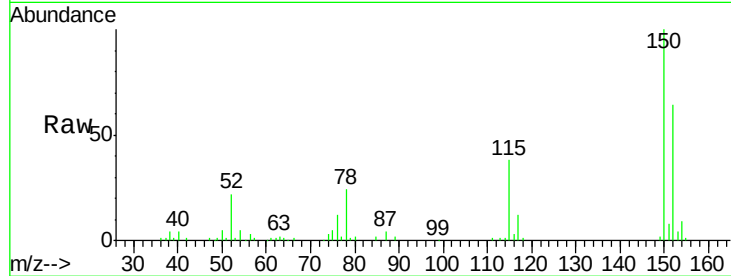
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	60.0	50.1	75.1

Manual Integrations
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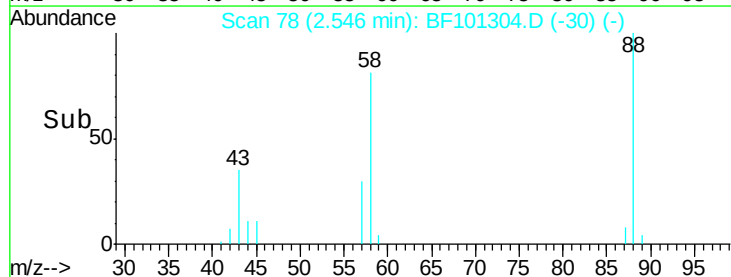
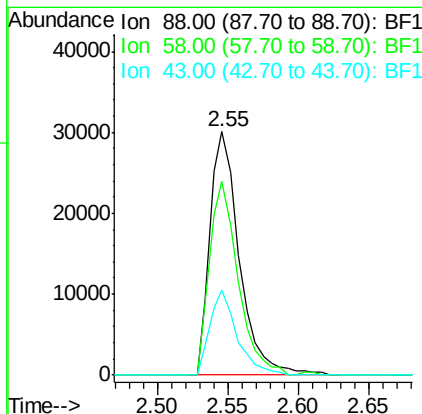
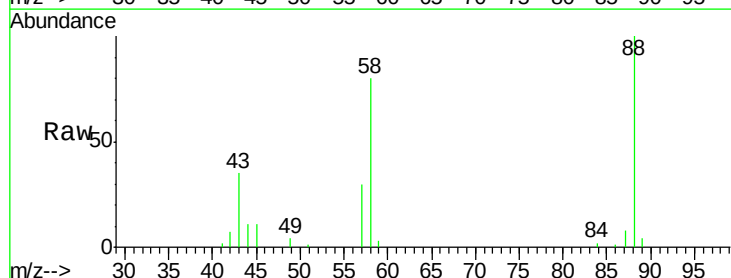
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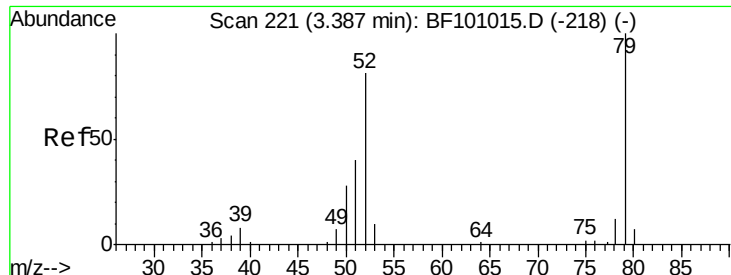


#2

1,4-Dioxane
Concen: 37.971 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.02 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.0	62.6	93.8
43	32.2	24.6	37.0





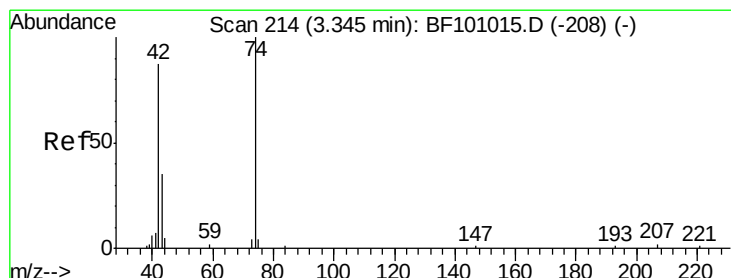
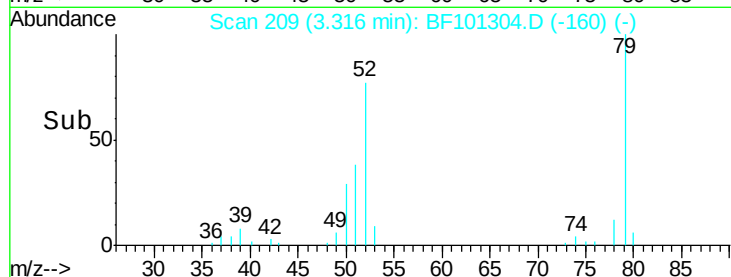
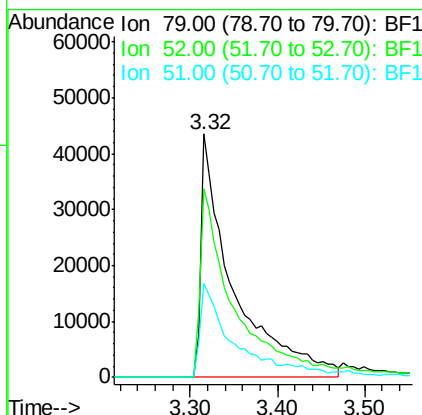
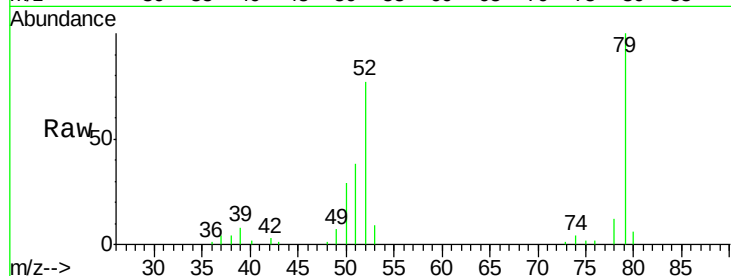
#3
 Pvridine
 Concen: 36.984 ng
 RT: 3.32 min Scan# 209
 Delta R.T. -0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	79	Resp:	110395
Ion	Ratio	Lower	Upper
79	100		
52	77.4	59.8	89.6
51	38.3	29.8	44.8

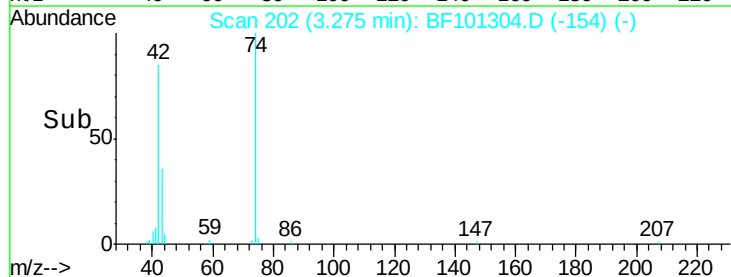
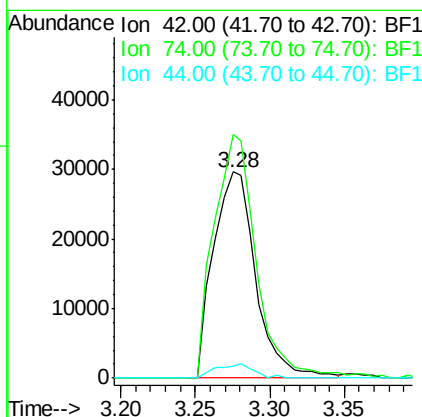
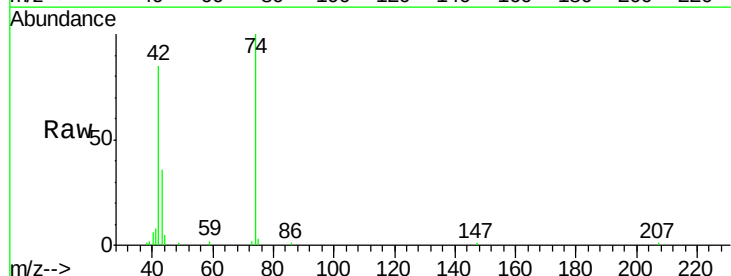
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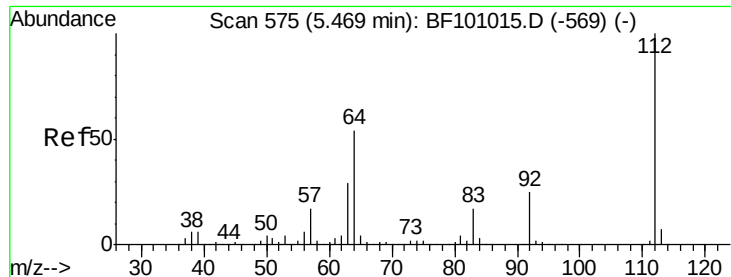
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#4
 n-Nitrosodimethylamine
 Concen: 40.228 ng
 RT: 3.28 min Scan# 202
 Delta R.T. -0.02 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Tgt Ion:	42	Resp:	58648
Ion	Ratio	Lower	Upper
42	100		
74	118.1	104.9	157.3
44	6.0	6.9	10.3#





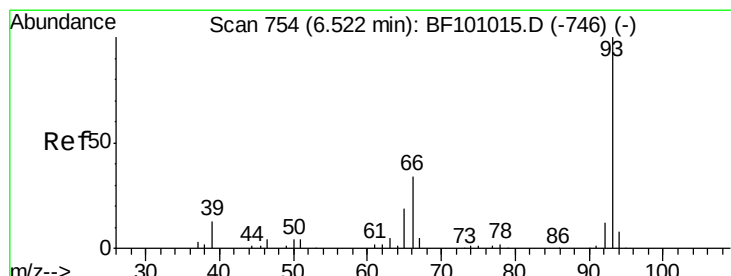
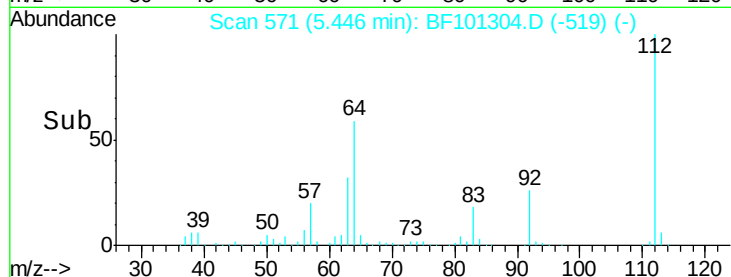
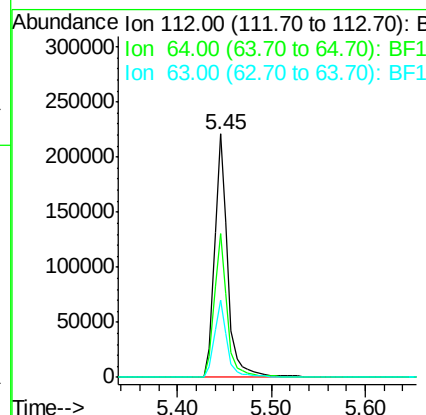
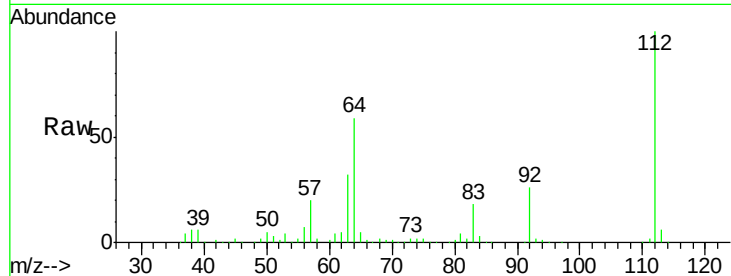
#5
2-Fluorophenol
Concen: 78.755 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	112	Resp:	219297
Ion Ratio	Lower	Upper	
112	100		
64	59.0	47.9	71.9
63	31.7	23.7	35.5

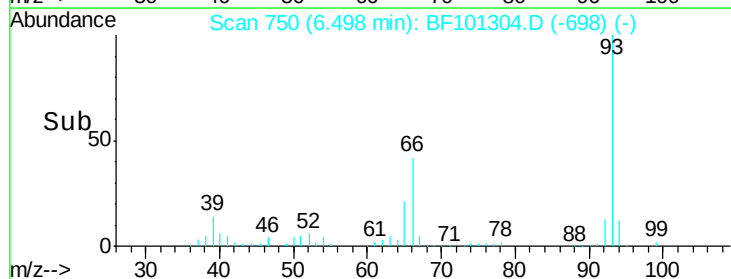
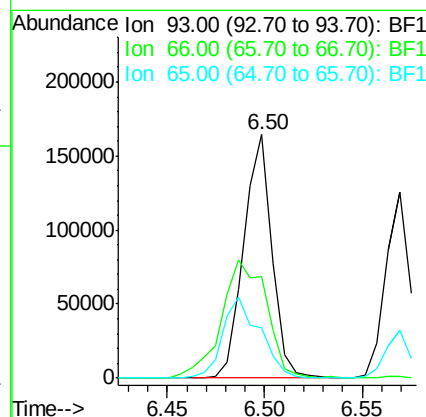
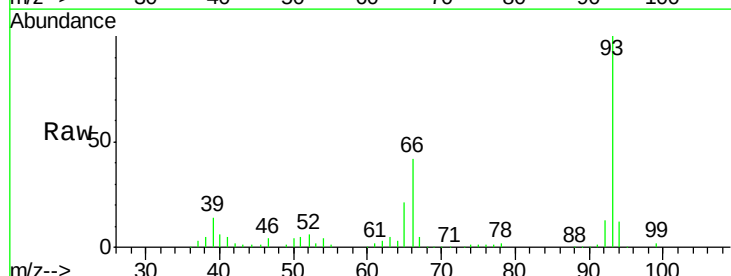
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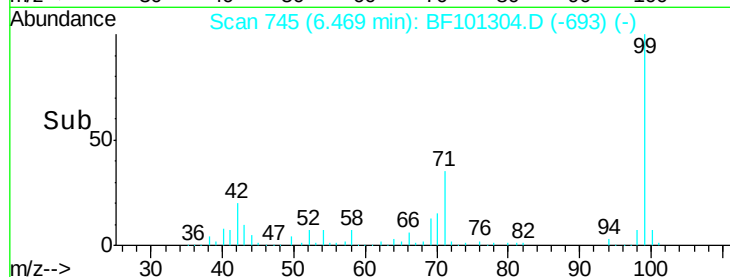
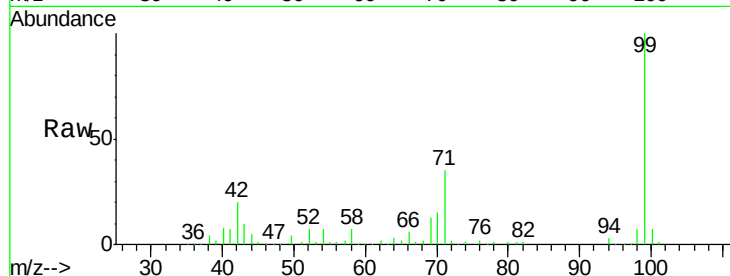
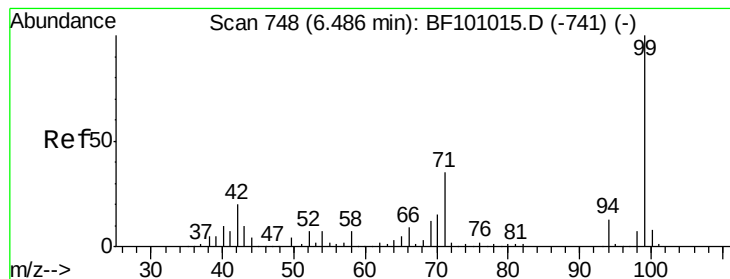
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#6
Aniline
Concen: 37.601 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion:	93	Resp:	165303
Ion Ratio	Lower	Upper	
93	100		
66	41.8	32.2	48.2
65	20.6	16.4	24.6





#7

Phenol-d6

Concen: 77.139 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		260785		
42	20.1	14.5	21.7		
71	35.3	25.4	38.0		

Instrument :

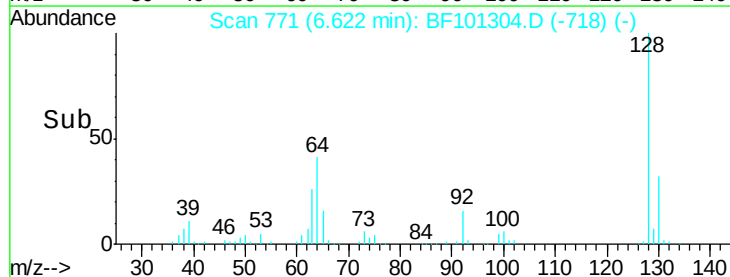
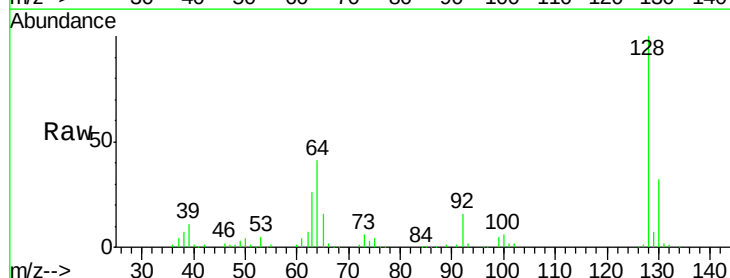
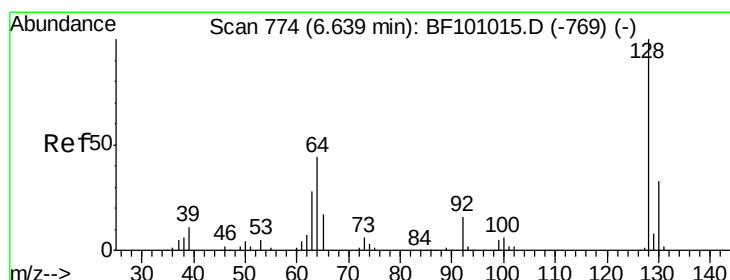
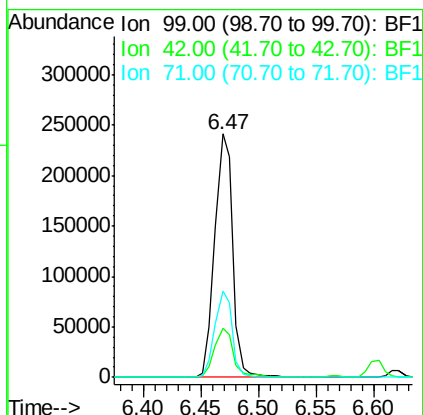
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.506 ng

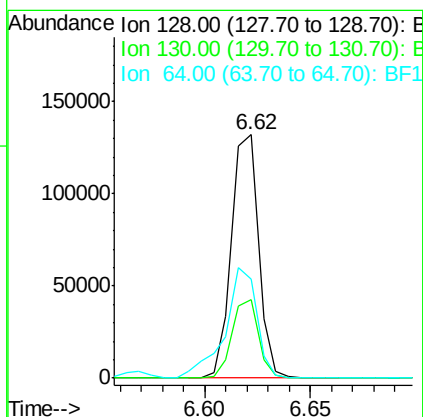
RT: 6.62 min Scan# 771

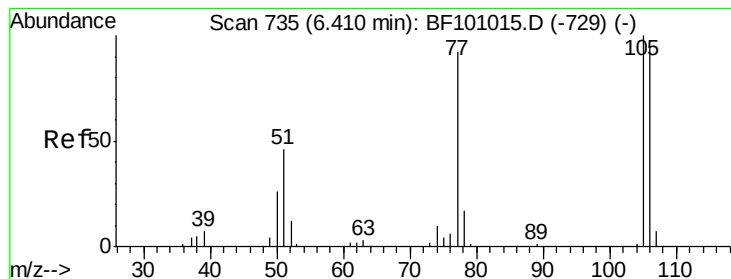
Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		116907		
130	32.4	13.0	53.0		
64	40.7	29.4	69.4		





#9

Benzaldehyde

Concen: 35.304 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Instrument :

BNA_F

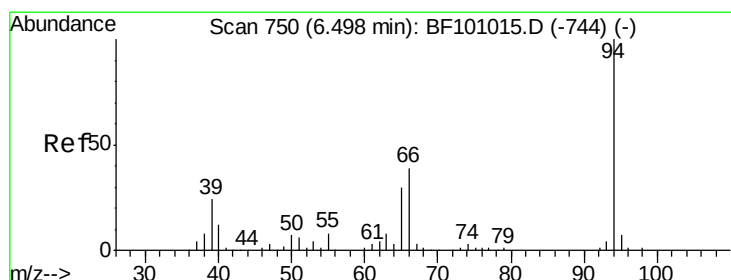
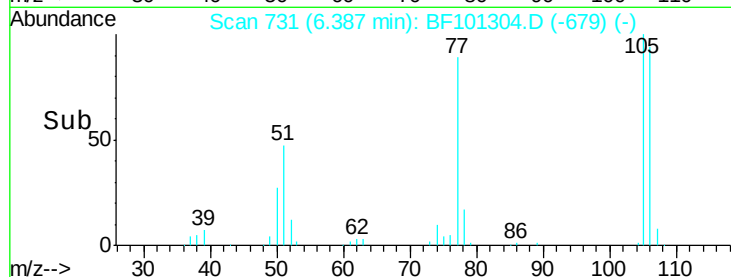
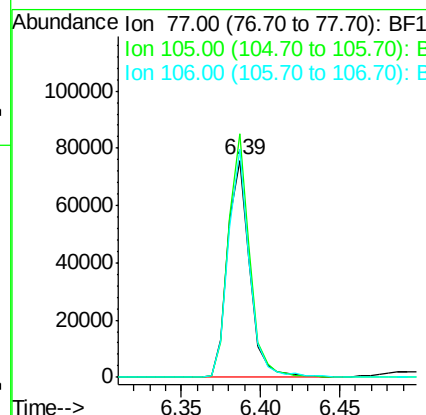
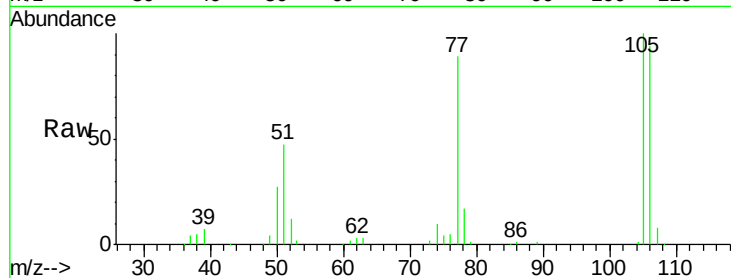
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	73050
Ion	Ratio	Lower	Upper
77	100		
105	112.1	81.1	121.1
106	105.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 37.965 ng

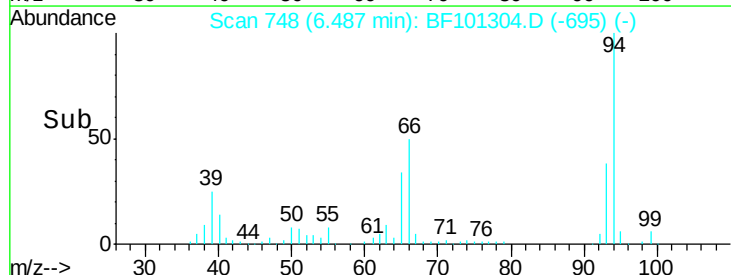
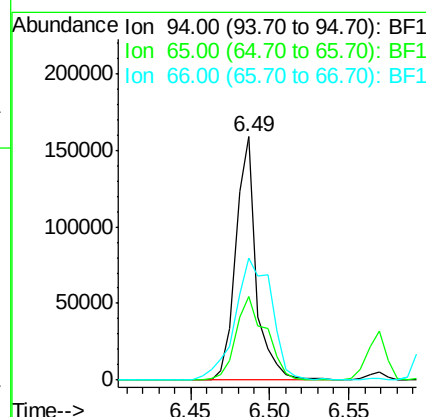
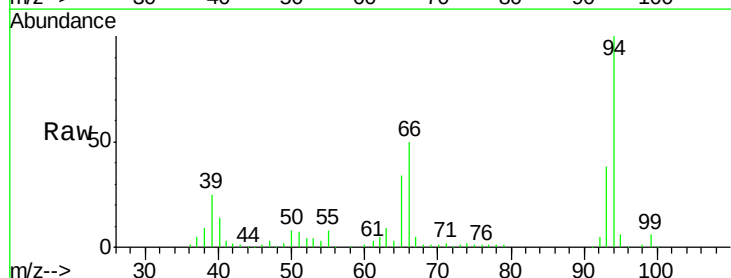
RT: 6.49 min Scan# 748

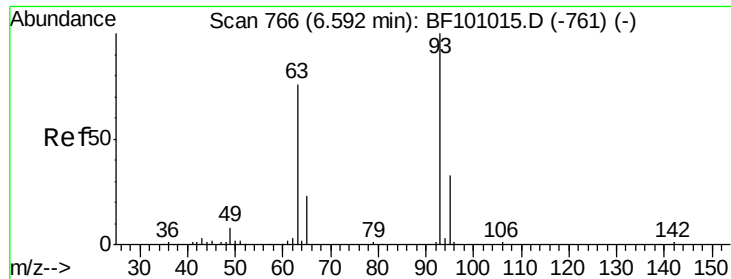
Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Tgt Ion:	94	Resp:	142715
Ion	Ratio	Lower	Upper
94	100		
65	34.4	7.9	47.9
66	50.1	16.2	56.2





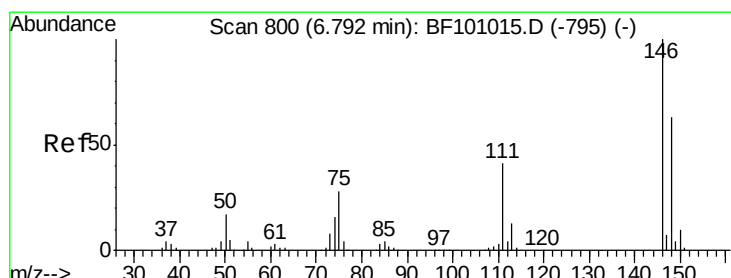
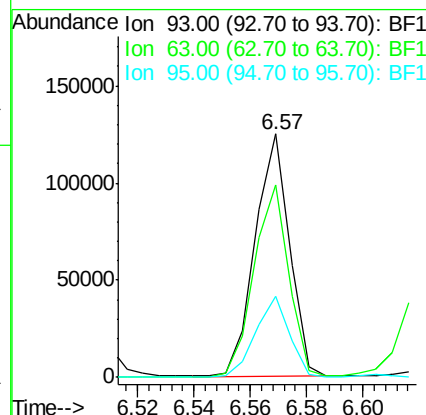
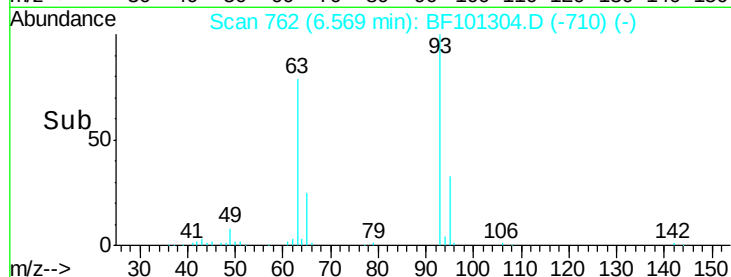
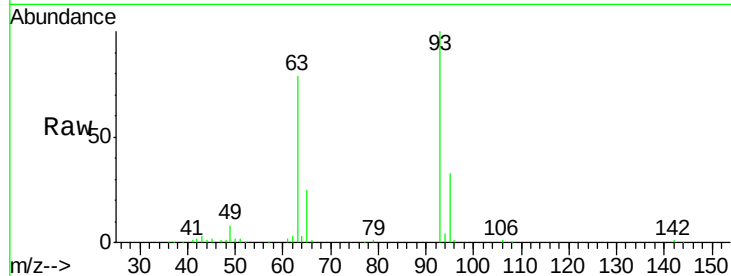
#11
bis(2-Chloroethyl)ether
Concen: 37.506 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	105753
Ion Ratio	Lower	Upper	
93	100		
63	78.9	58.6	98.6
95	33.0	11.8	51.8

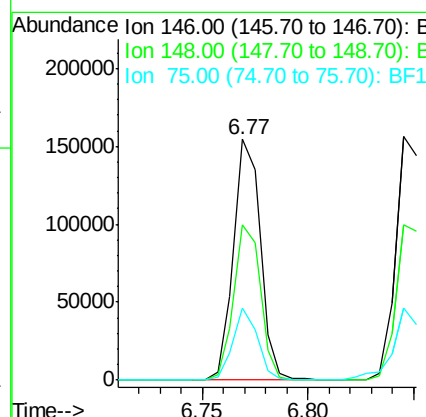
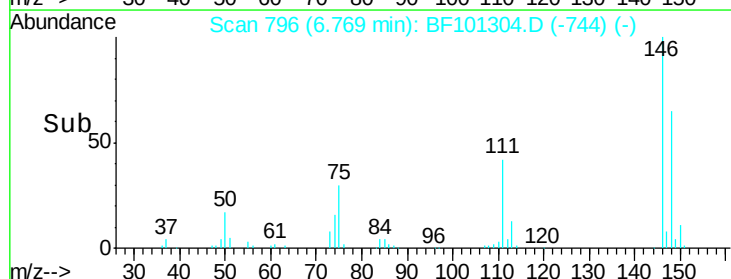
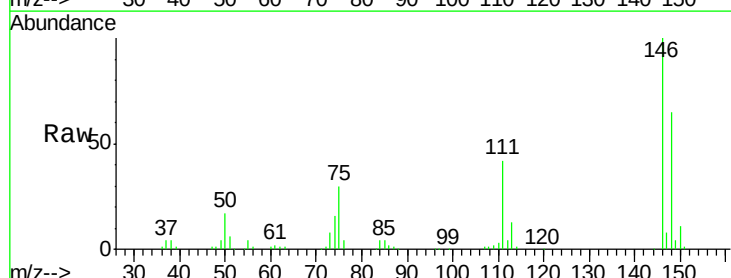
Manual Integrations
APPROVED

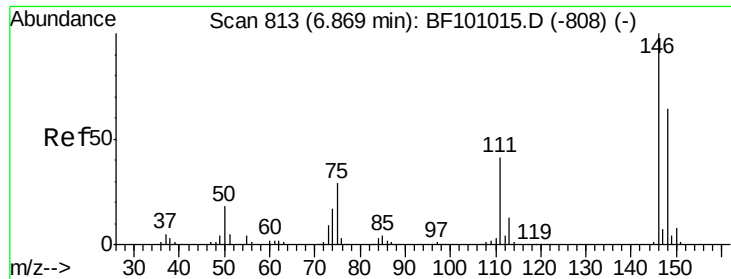
Sohil
12/12/2017 3:59:20 PM



#12
1,3-Dichlorobenzene
Concen: 38.300 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion:	146	Resp:	135401
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.8	77.8
75	30.0	24.2	36.4





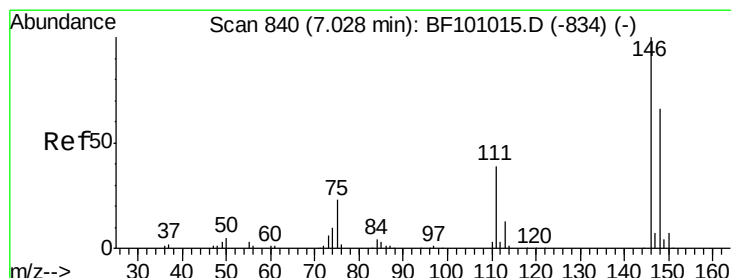
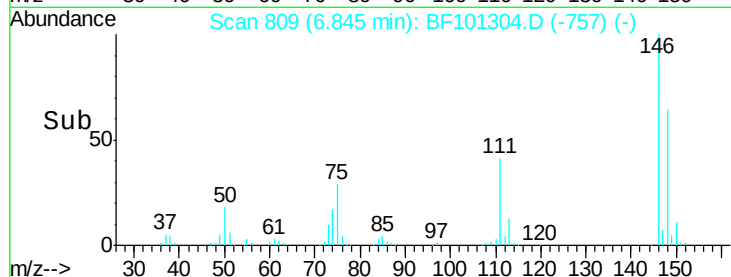
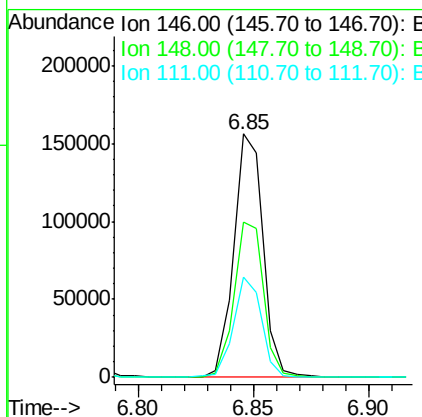
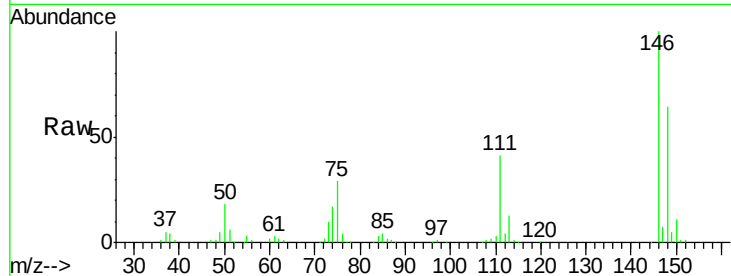
#13
 1,4-Dichlorobenzene
 Concen: 37.804 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	41.0	34.2	51.2

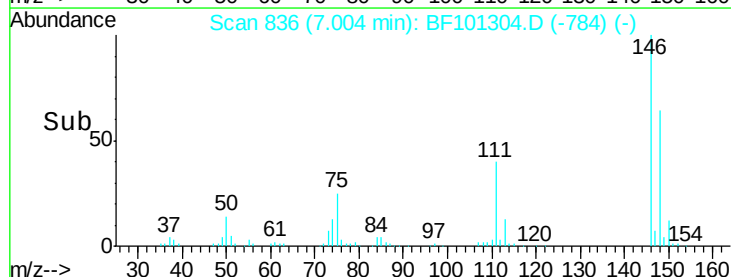
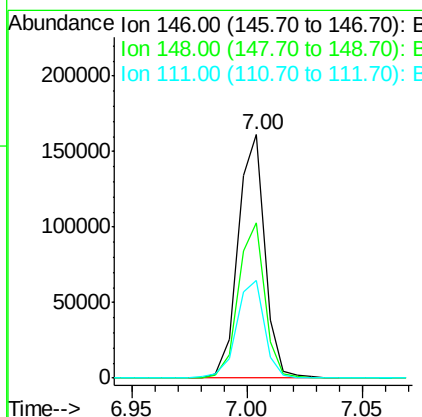
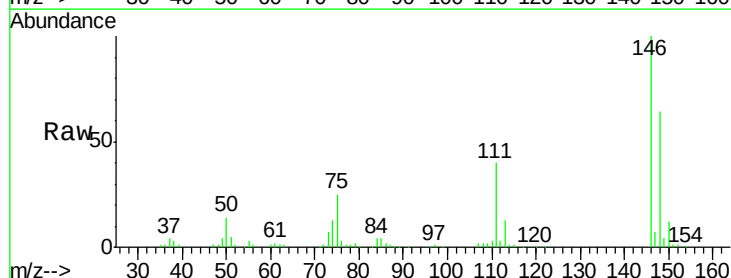
Manual Integrations
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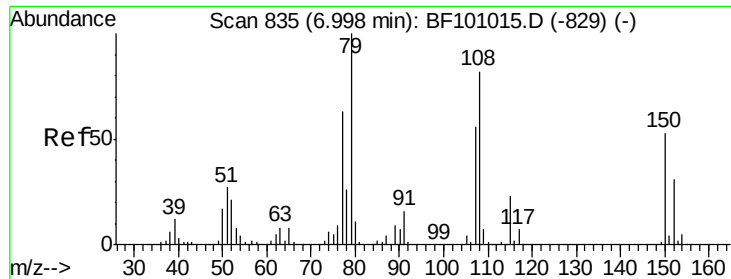
Sohil
 12/12/2017 3:59:20 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.224 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	40.2	36.0	54.0





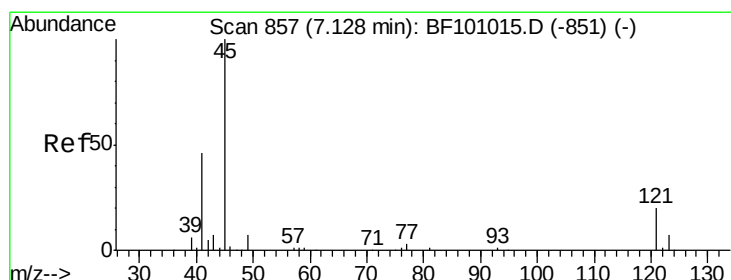
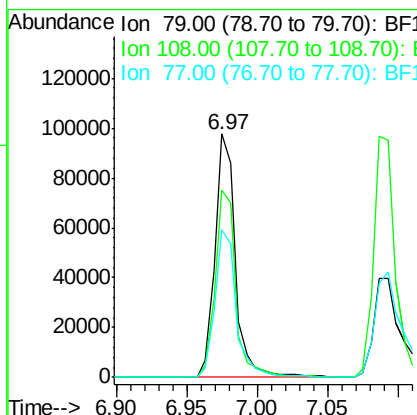
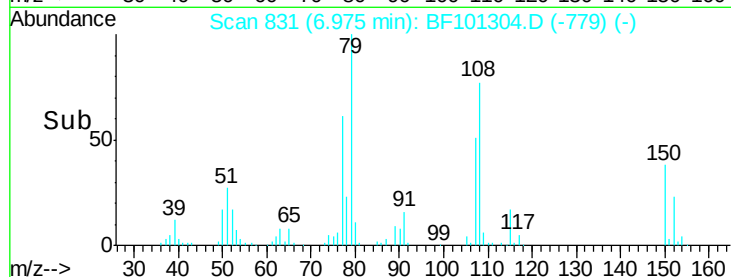
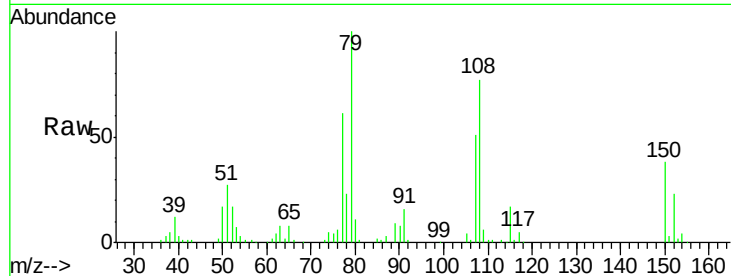
#15
Benzyl Alcohol
Concen: 37.720 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.1	65.1	97.7
77	60.6	50.6	75.8

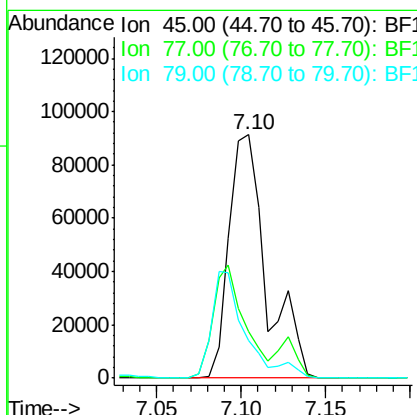
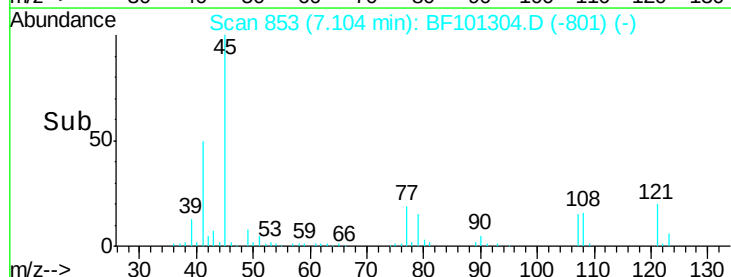
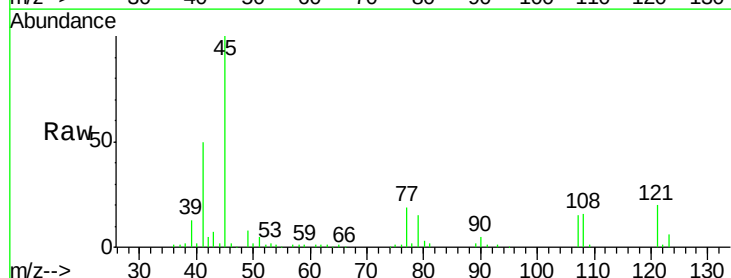
Manual Integrations
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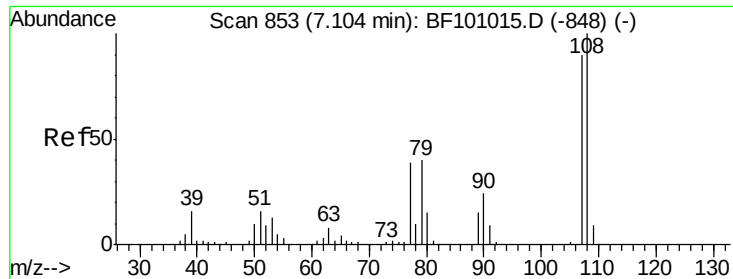
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.542 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.0	32.9
79	15.2	0.0	29.6





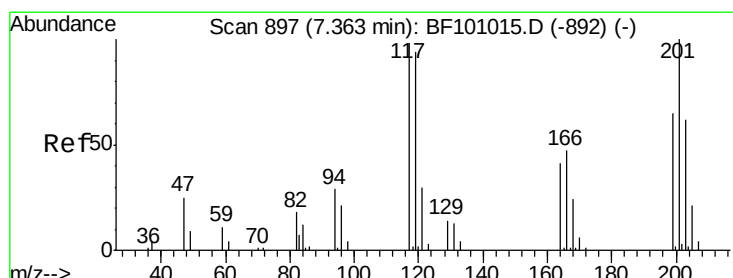
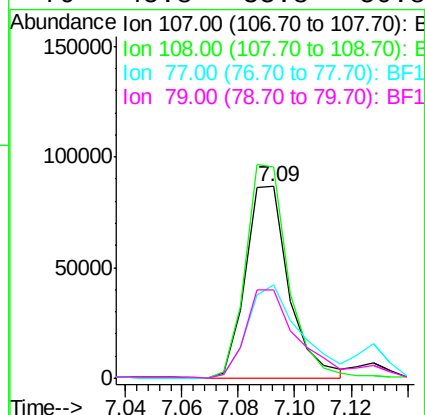
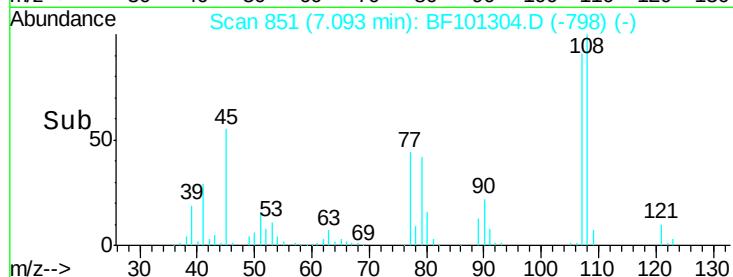
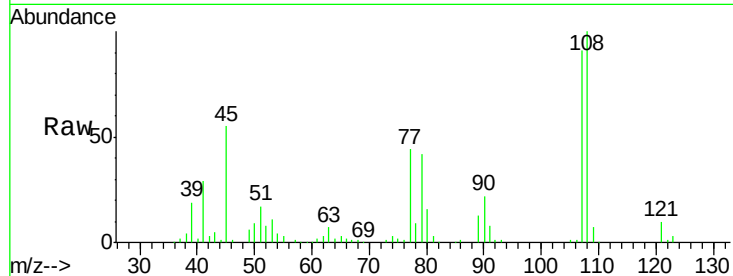
#17
2-Methylphenol
Concen: 37.938 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	93008
Ion Ratio	Lower	Upper	
107	100		
108	110.1	91.7	137.5
77	48.9	33.8	50.8
79	45.8	33.8	50.8

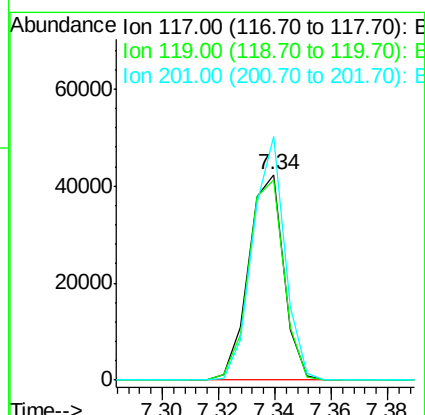
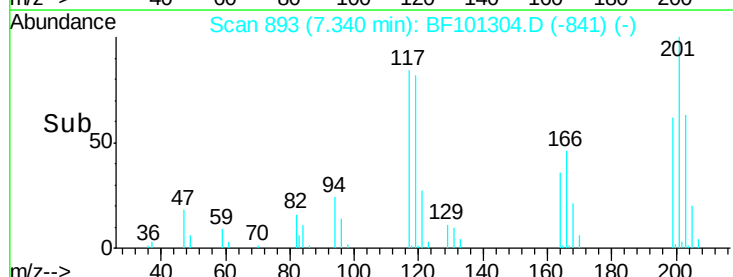
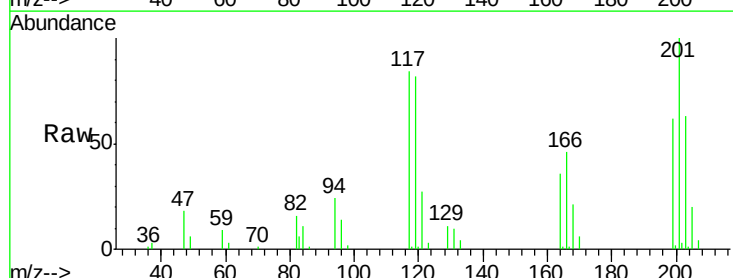
Manual Integrations
APPROVED

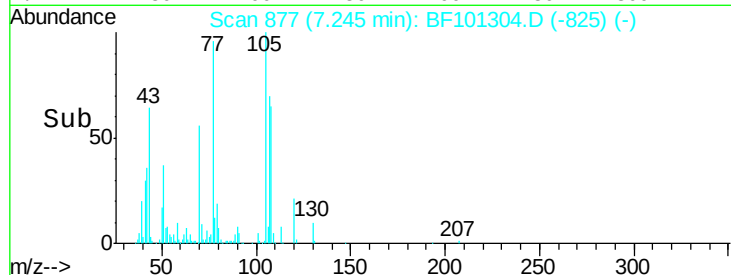
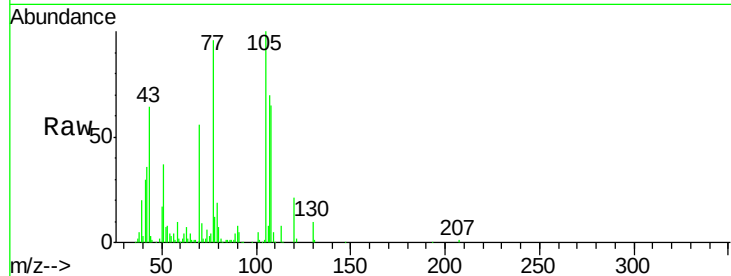
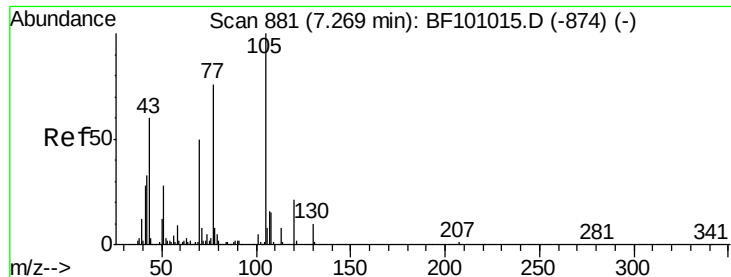
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#18
Hexachloroethane
Concen: 31.057 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	117	Resp	36521
Ion Ratio	Lower	Upper	
117	100		
119	97.4	75.8	113.8
201	118.4	75.7	113.5#





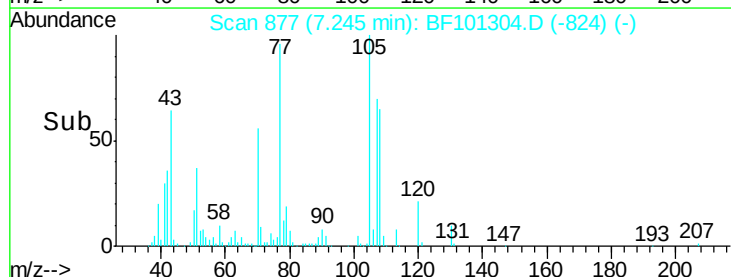
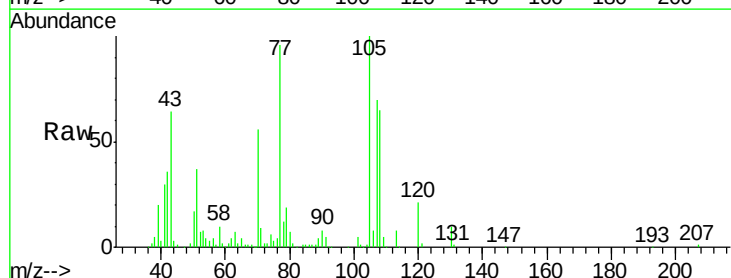
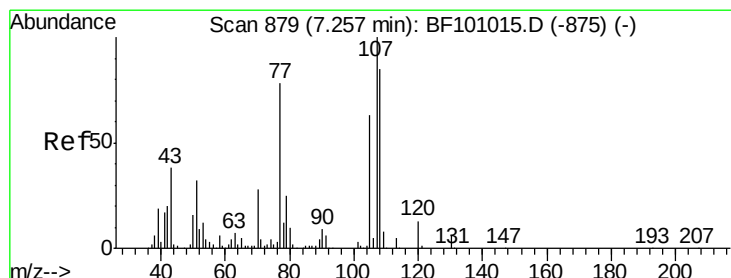
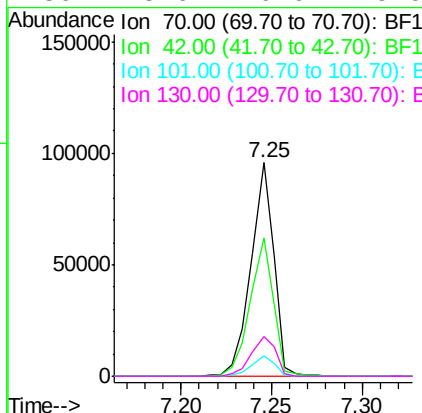
#19
n-Nitroso-di-n-propylamine
Concen: 36.972 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

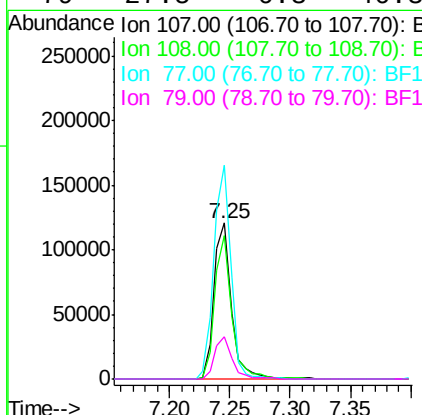
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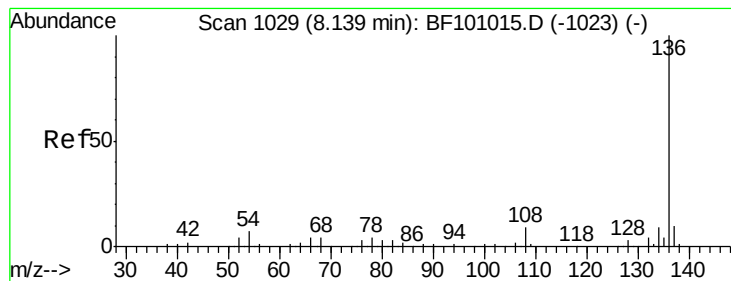
Tot Ion	70	Resp	84177
Ion Ratio	Lower	Upper	
70	100		
42	64.8	47.5	71.3
101	9.5	7.4	11.2
130	18.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.499 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	107	Resp	119894
Ion Ratio	Lower	Upper	
107	100		
108	92.0	68.2	108.2
77	137.1	26.7	66.7#
79	27.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Instrument :

BNA_F

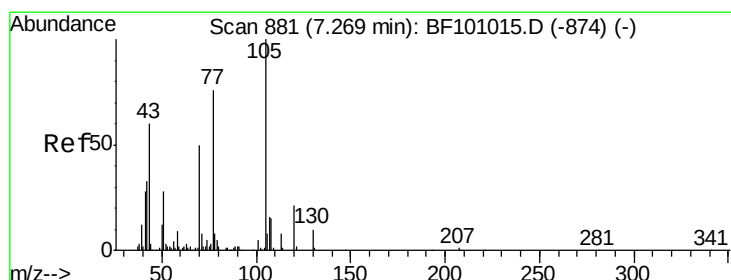
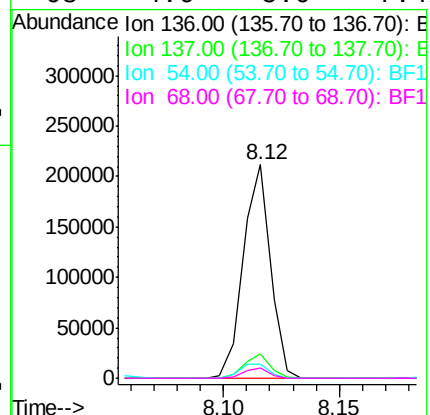
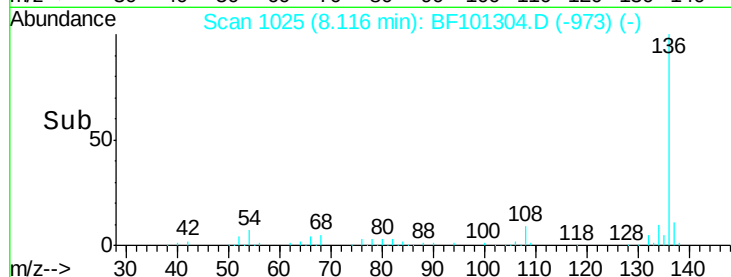
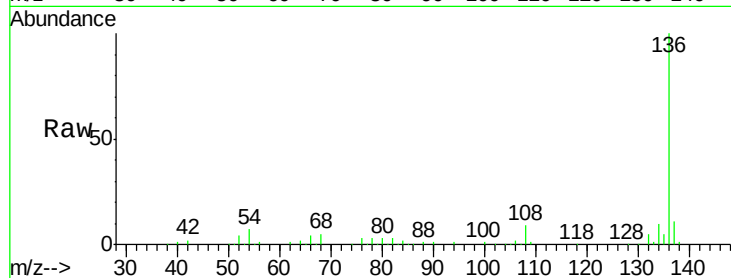
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		174052		
137	11.4		8.9	13.3	
54	6.8		6.6	9.8	
68	4.6		5.0	7.4	

Manual Integrations
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#22

Acetophenone

Concen: 39.962 ng

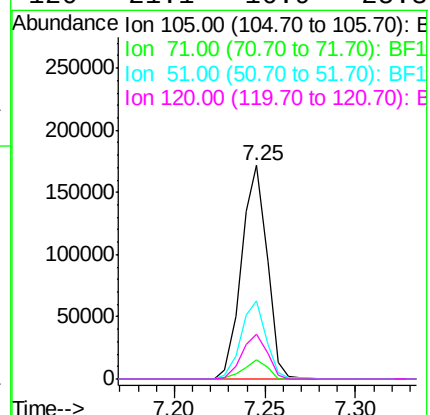
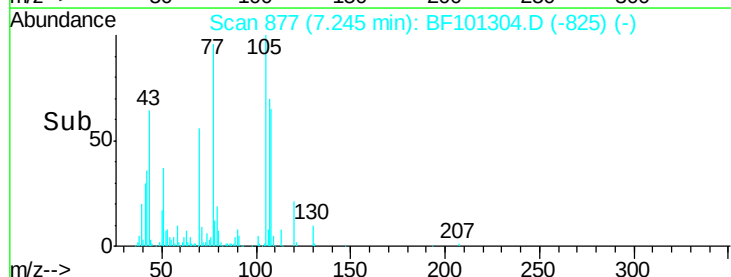
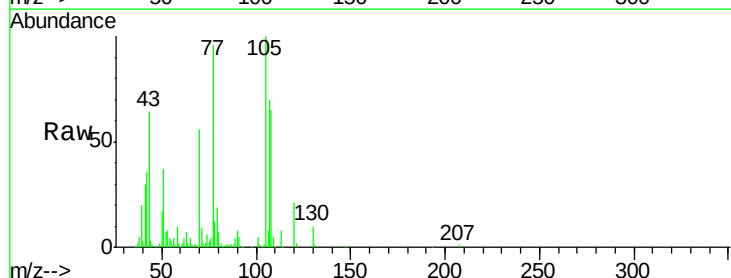
RT: 7.25 min Scan# 877

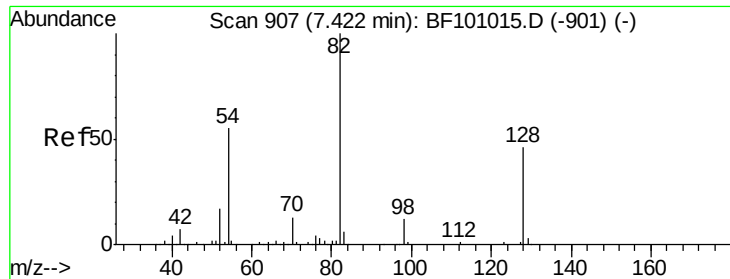
Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		168041		
71	9.1		4.4	6.6	
51	36.5		22.3	33.5	
120	21.1		16.9	25.3	





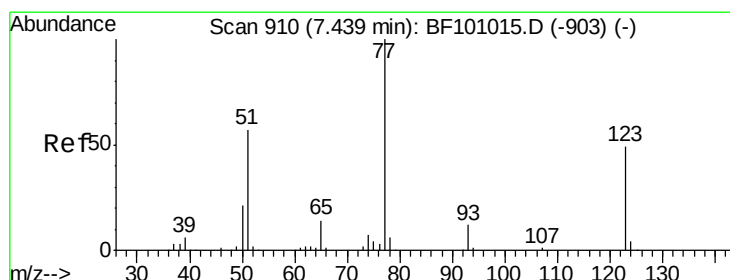
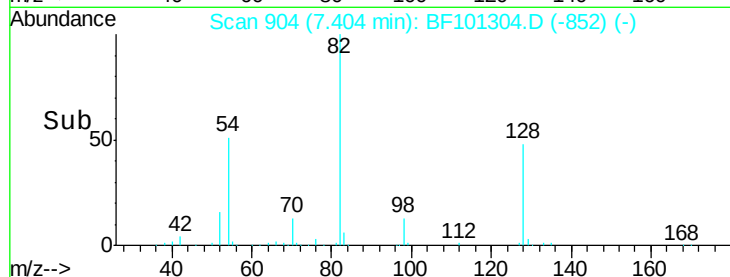
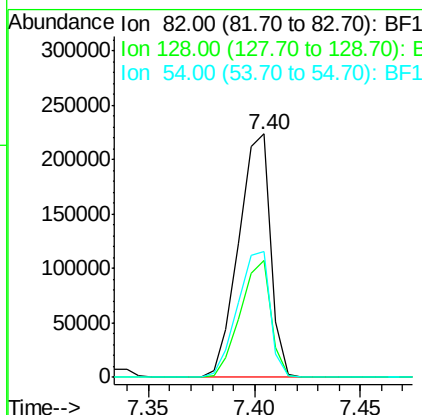
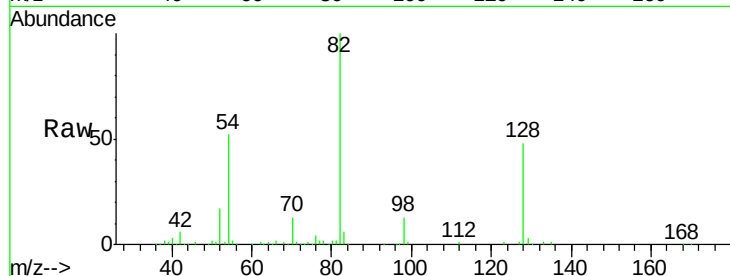
#23
Nitrobenzene-d5
Concen: 80.328 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	234376
Ion Ratio	Lower	Upper	
82	100		
128	47.8	36.1	54.1
54	51.7	41.4	62.2

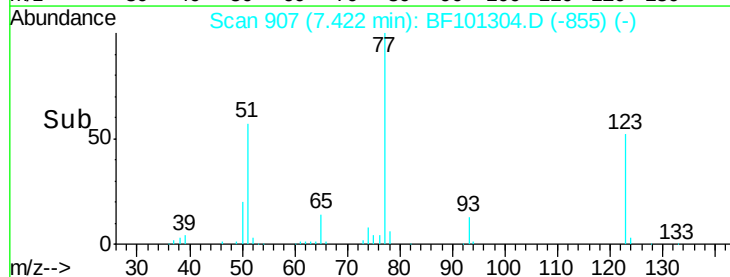
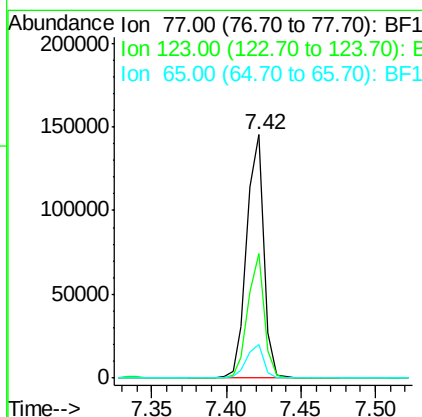
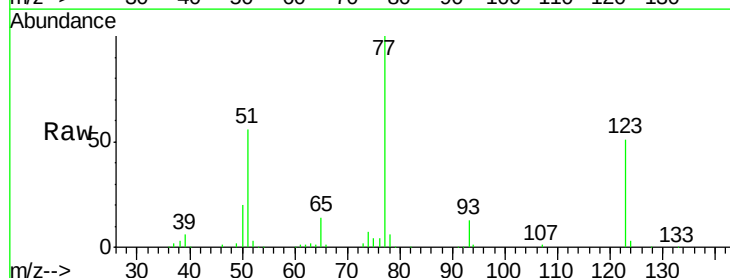
Manual Integrations
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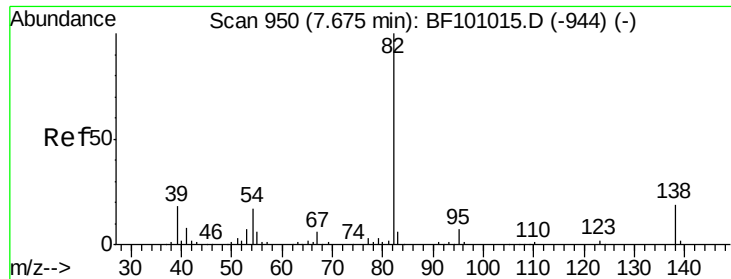
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#24
Nitrobenzene
Concen: 40.343 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	77	Resp	115366
Ion Ratio	Lower	Upper	
77	100		
123	51.2	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 38.803 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Instrument :

BNA_F

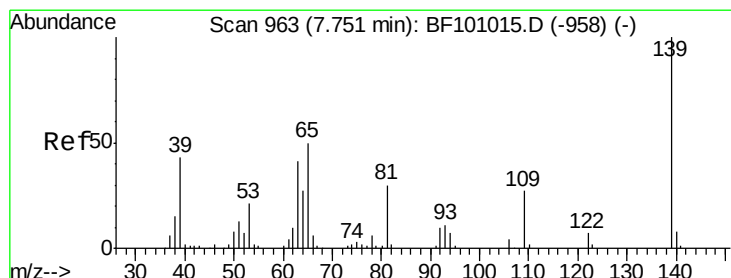
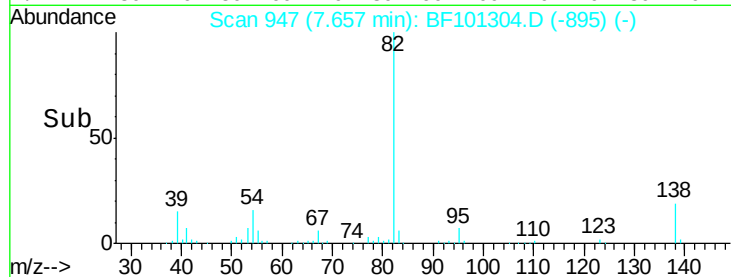
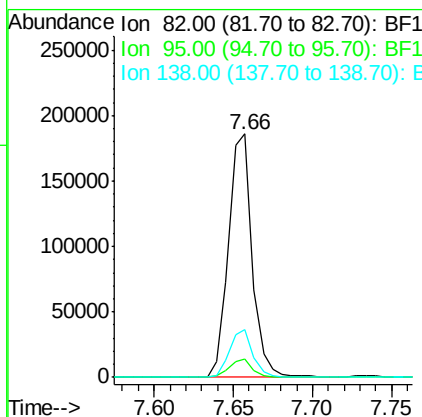
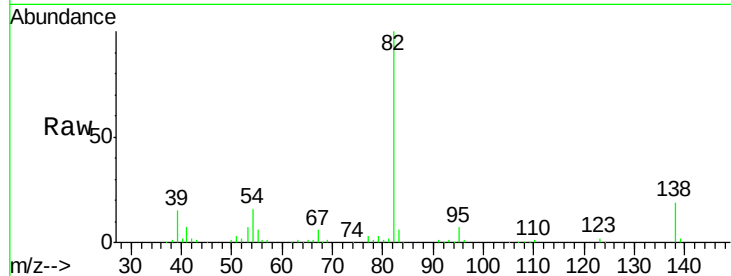
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	193388
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.2	7.8
138	19.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.568 ng

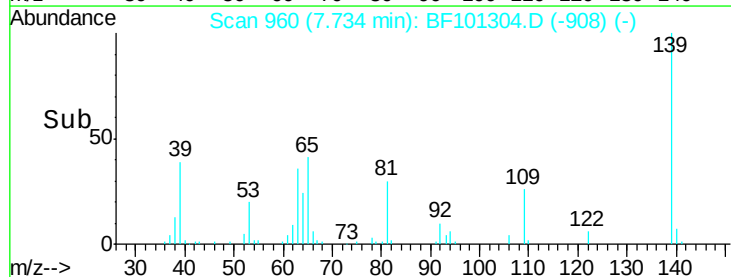
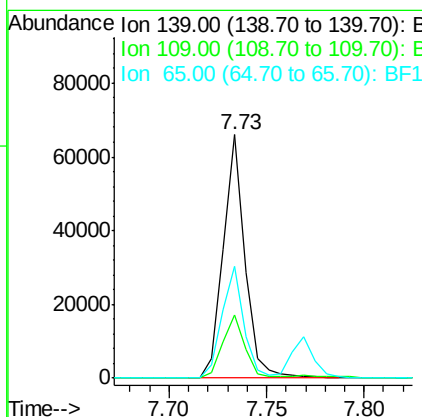
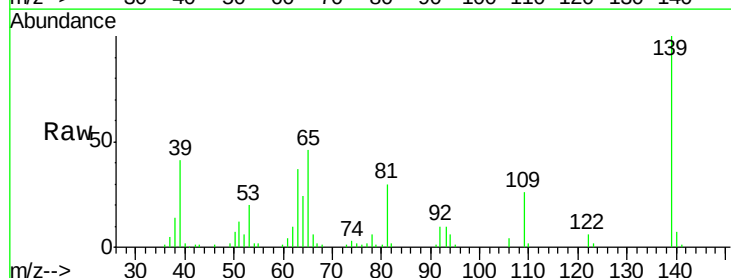
RT: 7.73 min Scan# 960

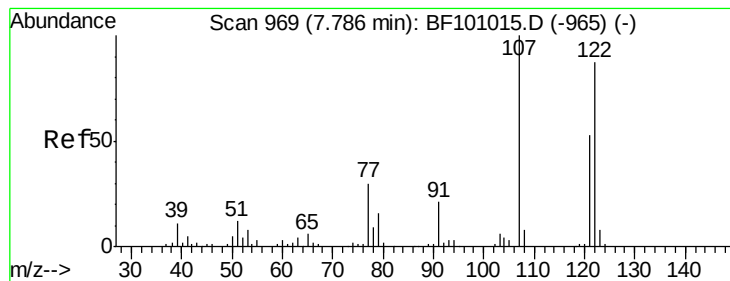
Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Tgt Ion:	139	Resp:	51125
Ion Ratio		Lower	Upper
139	100		
109	25.8	22.7	34.1
65	45.8	40.5	60.7





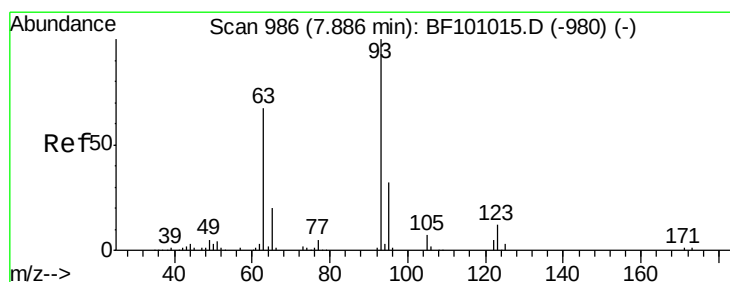
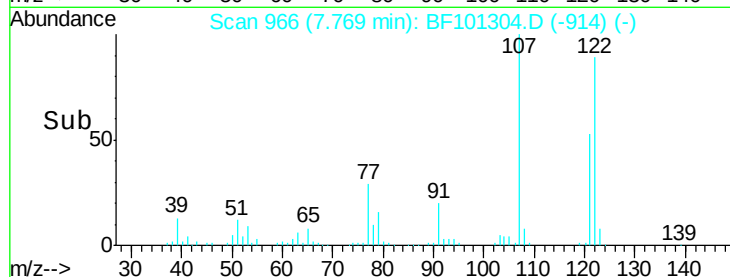
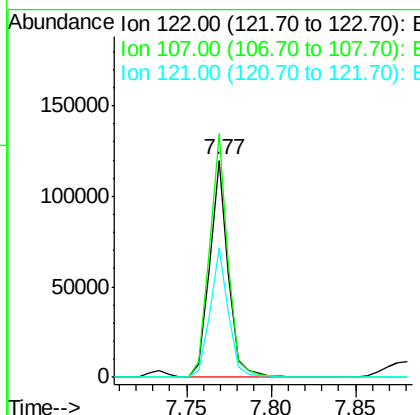
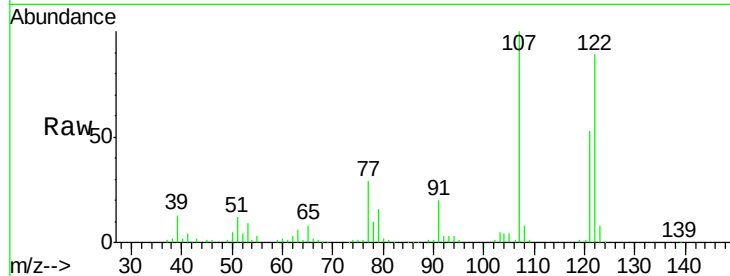
#27
2,4-Dimethylphenol
Concen: 40.589 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		92170		
107	112.2	91.2	136.8		
121	59.7	47.2	70.8		

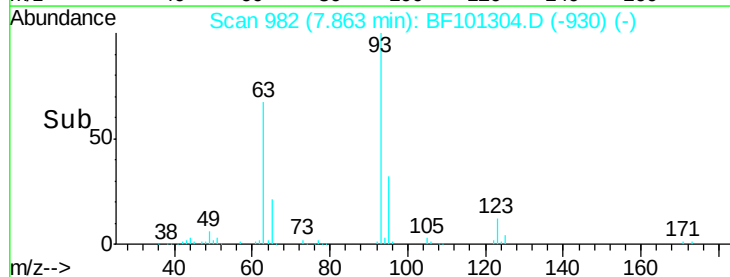
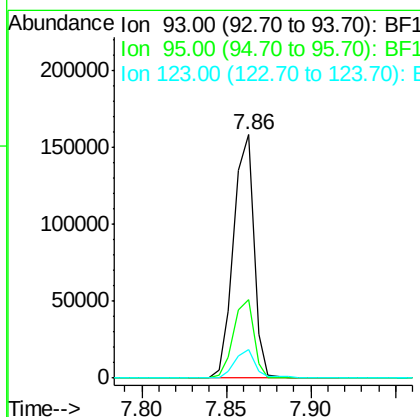
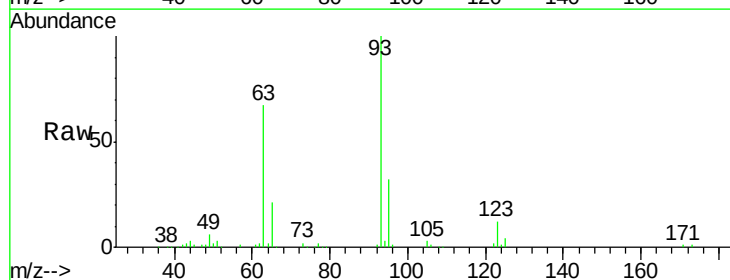
Manual Integrations
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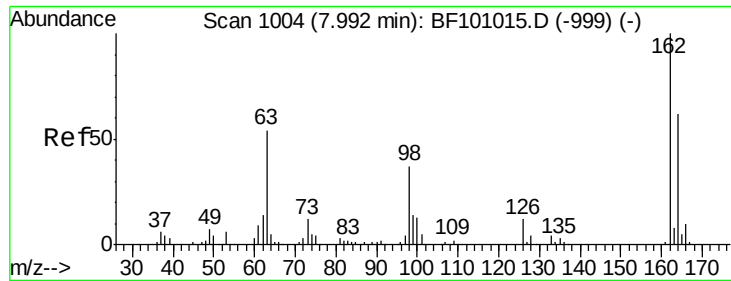
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.548 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		132471		
95	32.4	26.3	39.5		
123	11.7	9.8	14.6		





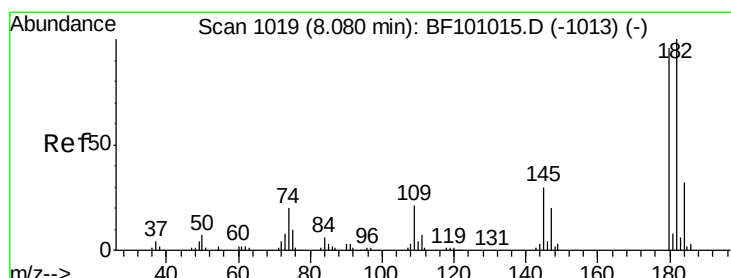
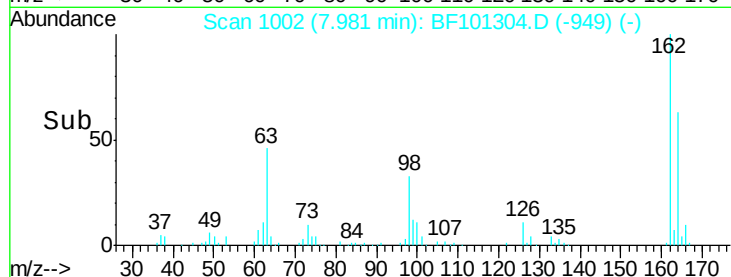
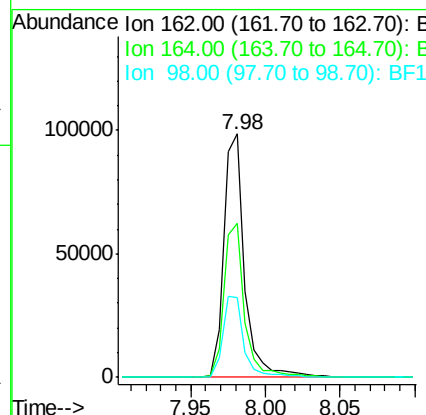
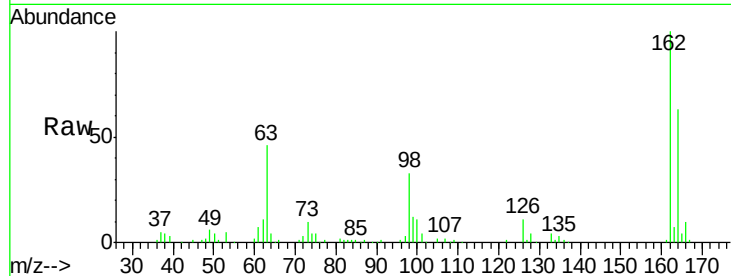
#29
2,4-Dichlorophenol
Concen: 39.059 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	96546		
164	63.1	42.7	82.7	
98	32.7	18.1	58.1	

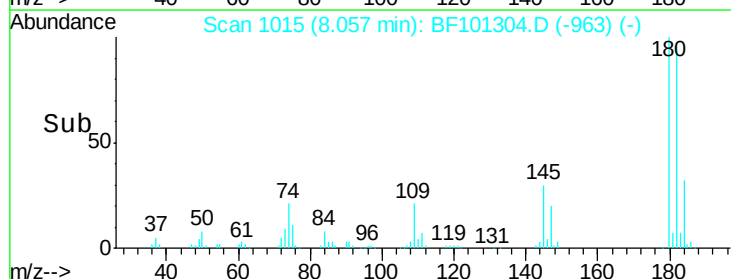
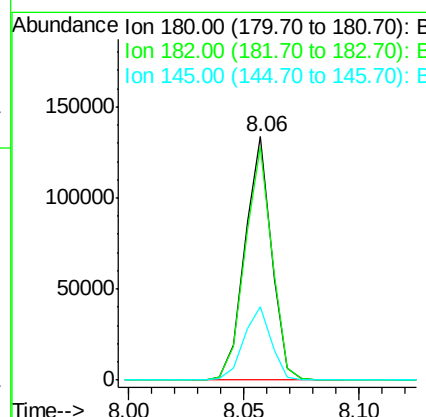
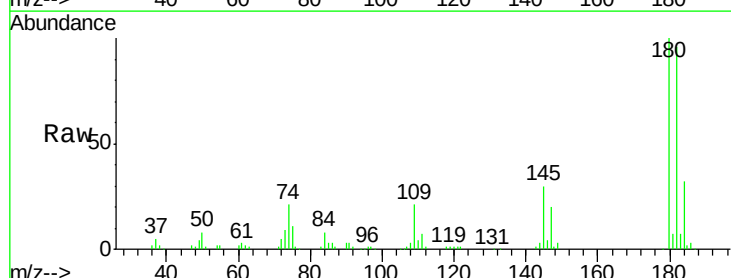
Manual Integrations
APPROVED

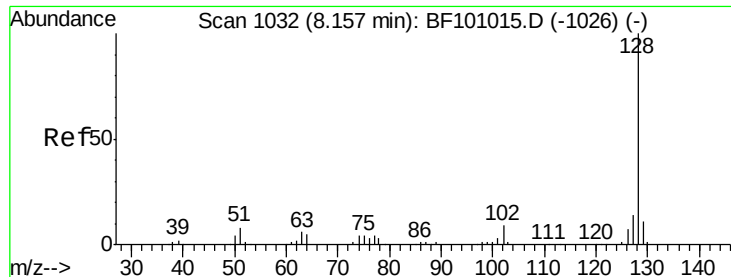
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.563 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	107531		
182	96.1	76.8	115.2	
145	30.4	26.5	39.7	





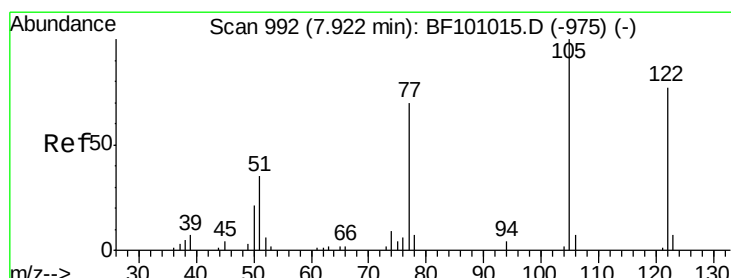
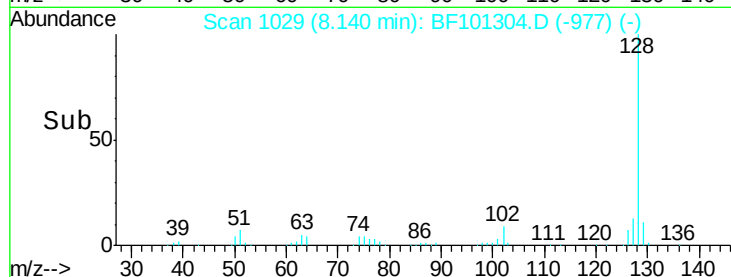
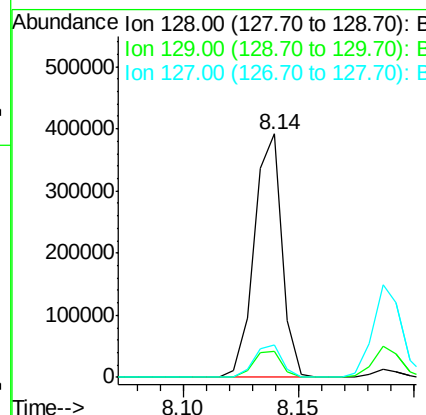
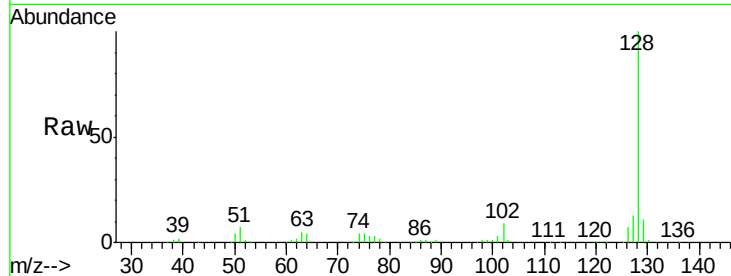
#31
Naphthalene
Concen: 38.400 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.3	10.9	16.3

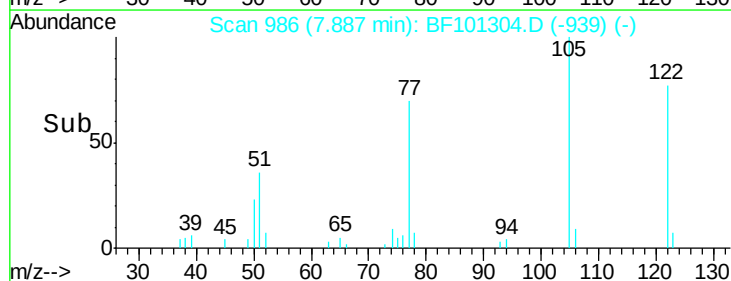
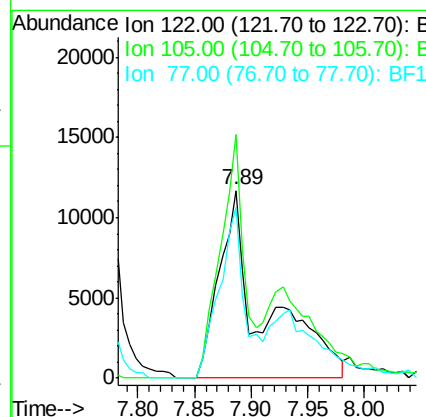
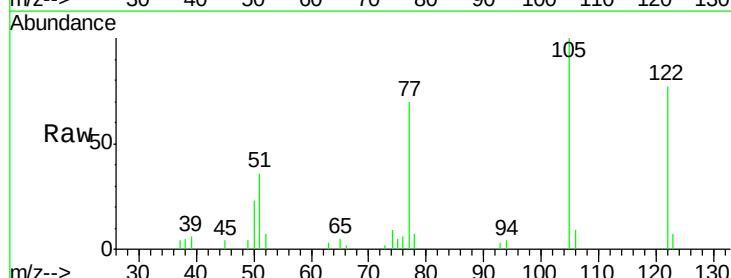
Manual Integrations
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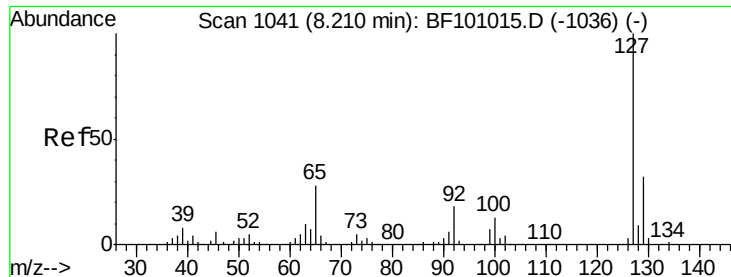
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#32
Benzoic acid
Concen: 18.026 ng m
RT: 7.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.9	101.1	141.1
77	91.2	70.7	110.7





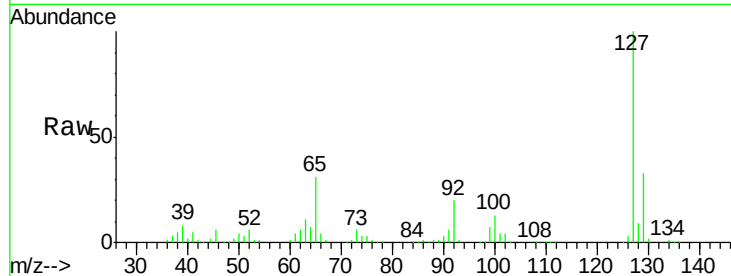
#33
4-Chloroaniline
Concen: 38.167 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

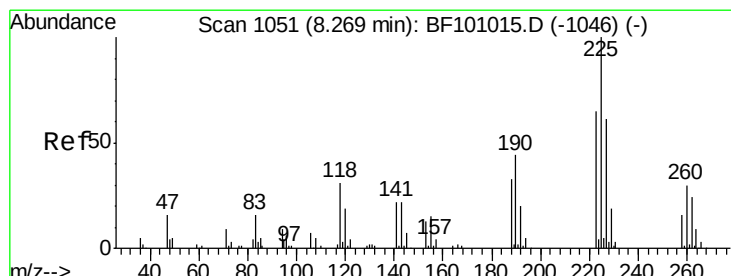
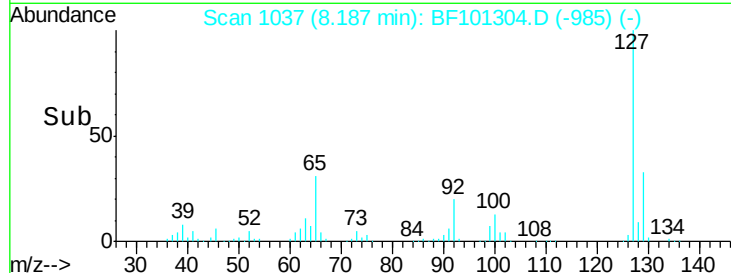
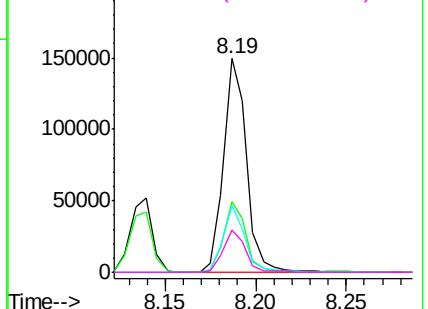
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	31.2	25.0	37.4
92	19.6	15.2	22.8

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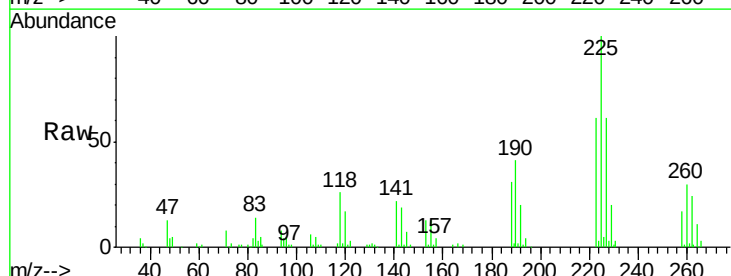


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

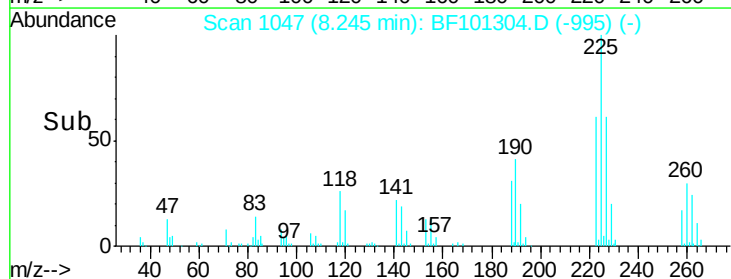
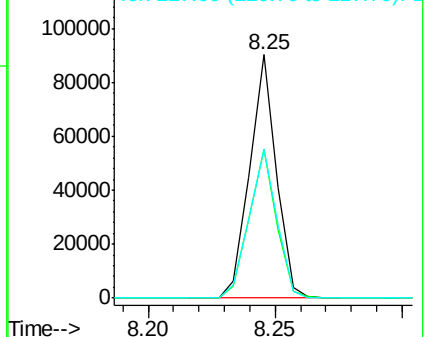


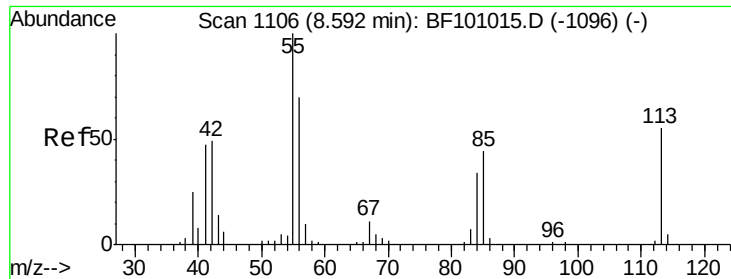
#34
Hexachlorobutadiene
Concen: 39.569 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	61.4	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





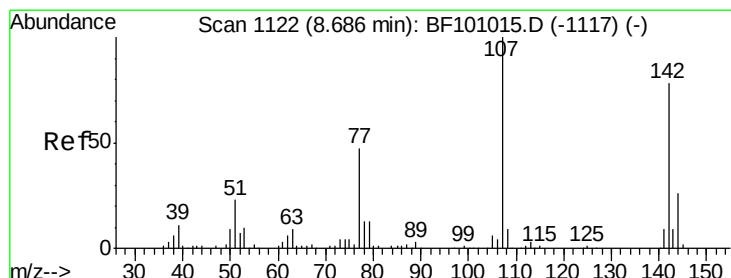
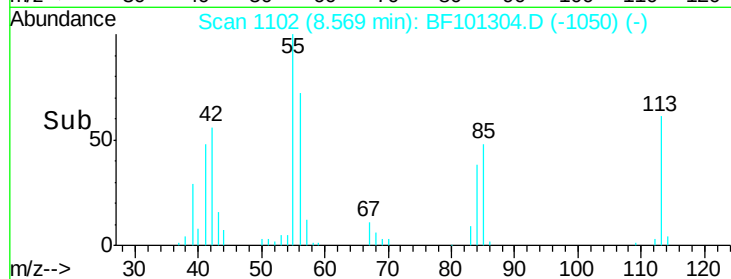
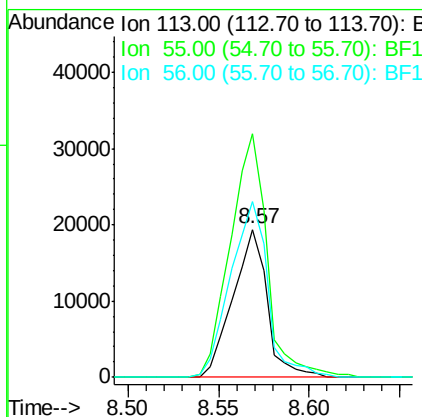
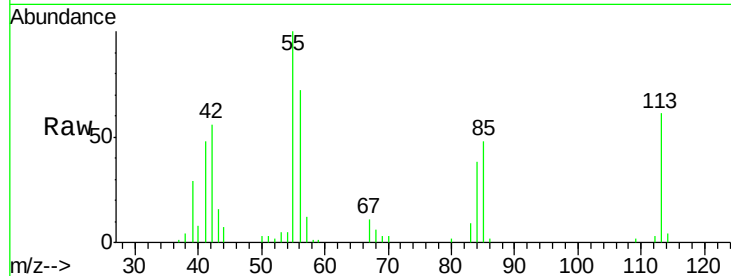
#35
 Caprolactam
 Concen: 32.942 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	164.5	163.3	203.3
56	119.0	115.7	155.7

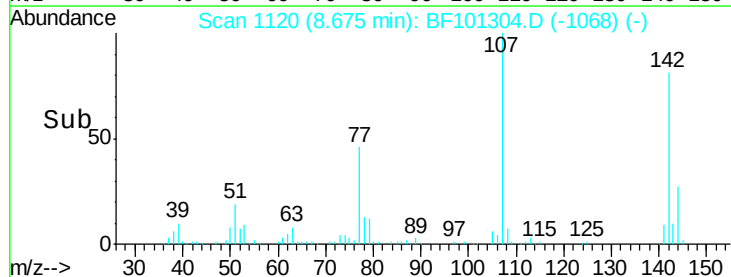
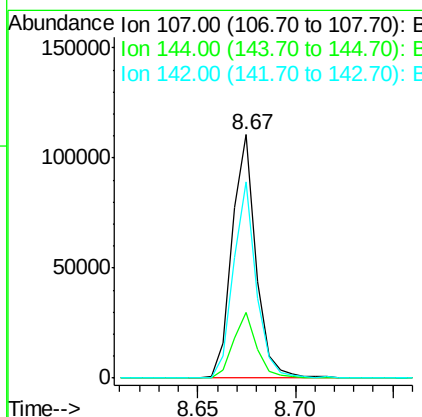
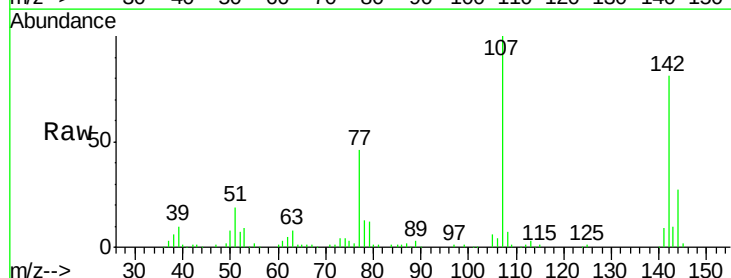
Manual Integrations
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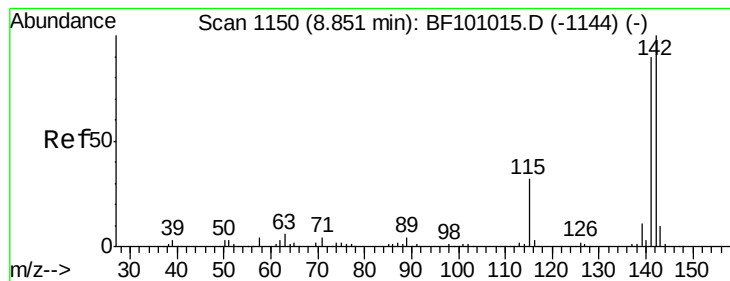
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#36
 4-Chloro-3-methylphenol
 Concen: 36.697 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.5	30.7
142	80.5	62.0	93.0





#37

2-Methylnaphthalene

Concen: 36.843 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Instrument :

BNA_F

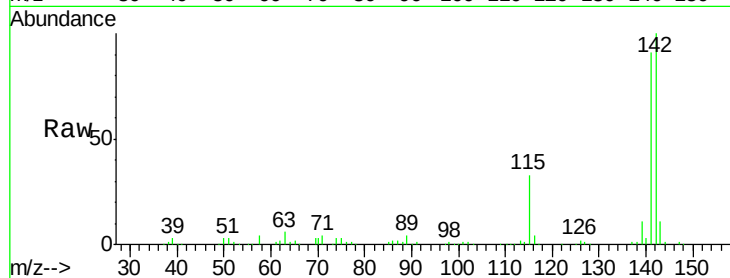
ClientSampleId :

SSTDCCC040

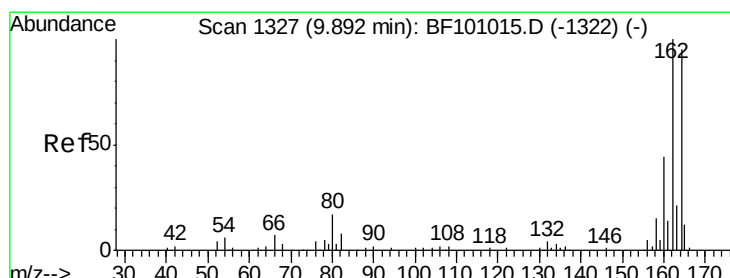
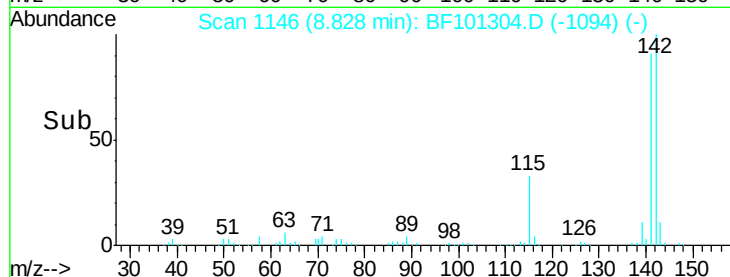
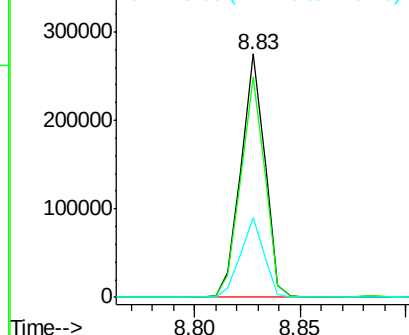
Tot Ion:	142	Resp:	214750
Ion Ratio	Lower	Upper	
142	100		
141	90.6	70.8	106.2
115	33.0	26.1	39.1

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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

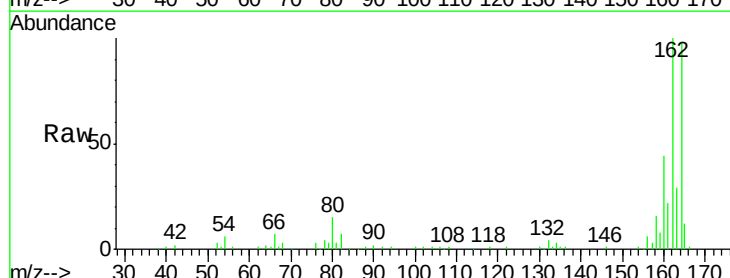
RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

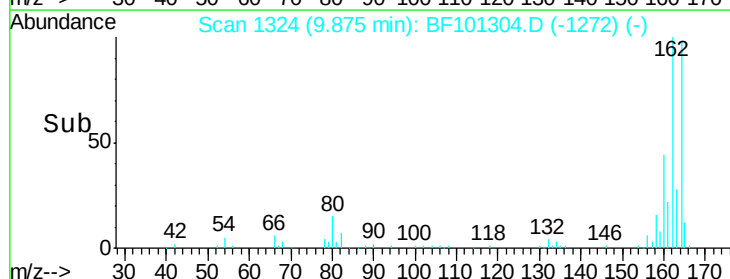
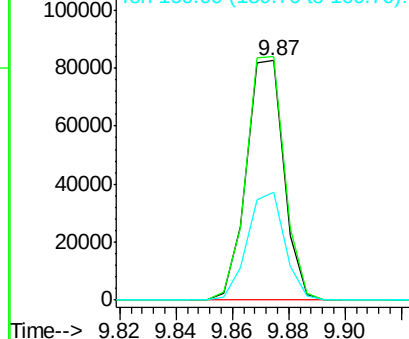
Lab File: BF101304.D

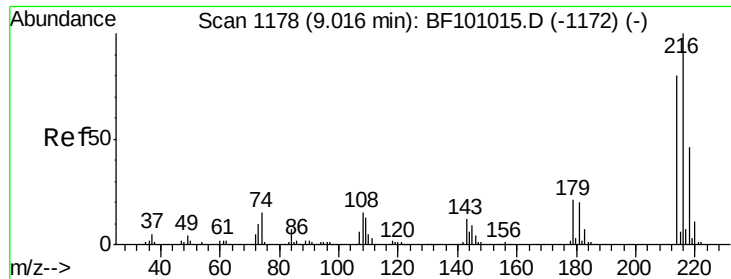
Acq: 11 Dec 2017 23:10

Tgt Ion:	164	Resp:	76377
Ion Ratio	Lower	Upper	
164	100		
162	101.7	86.1	129.1
160	45.2	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





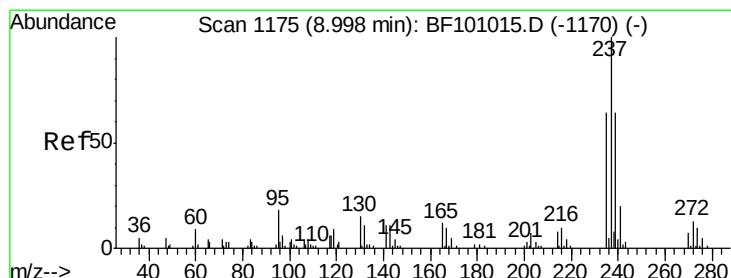
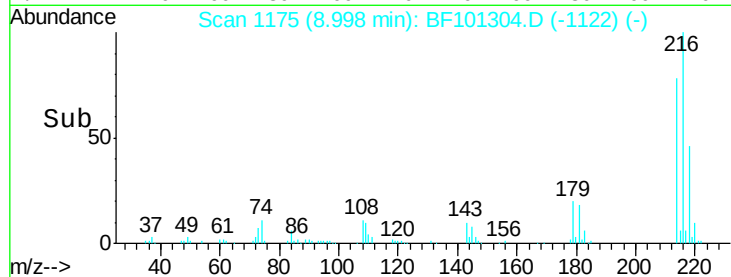
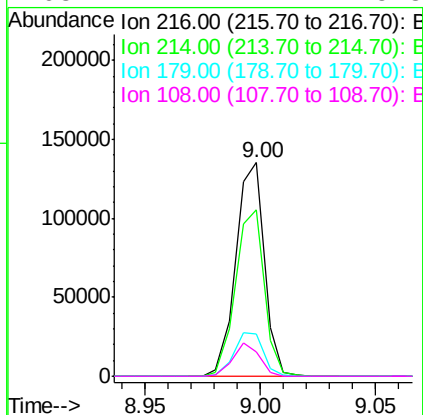
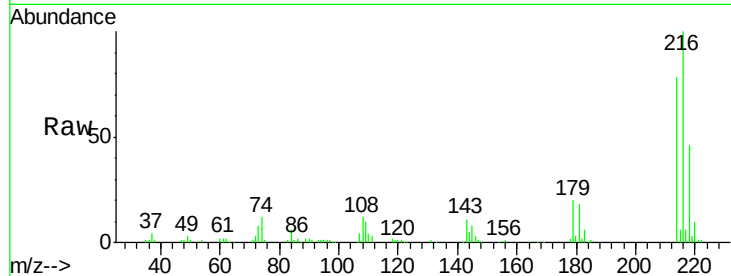
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.141 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	20.8	18.1	27.1
108	14.7	17.2	25.8

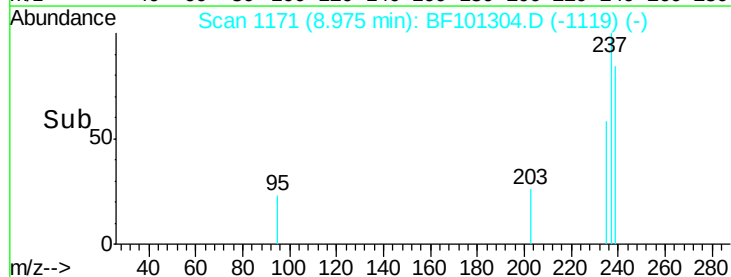
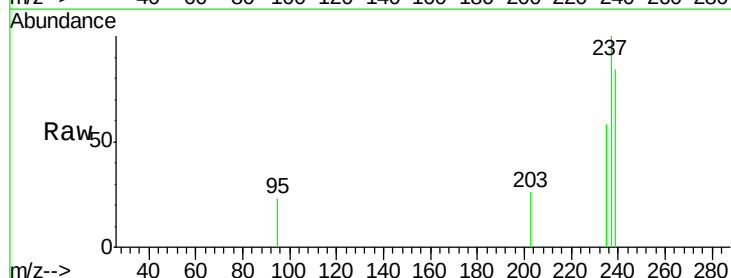
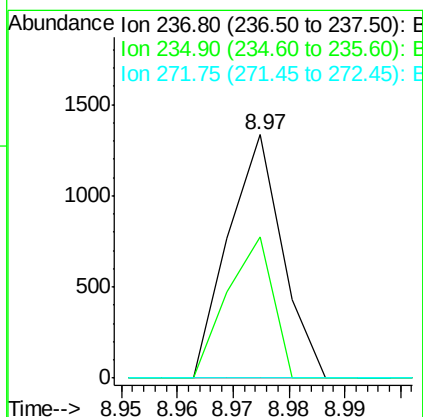
Manual Integrations
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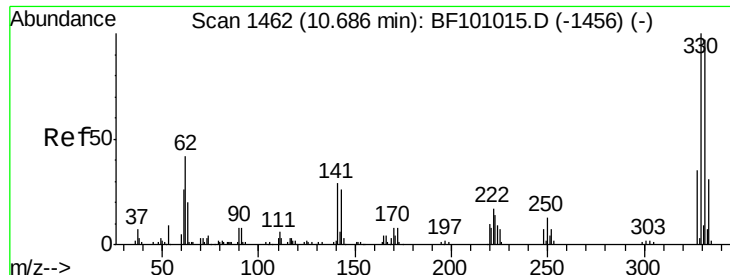
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#40
 Hexachlorocyclopentadiene
 Concen: 8.966 ng m
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
237	100		
235	58.1	44.8	84.8
272	0.0	0.0	33.3





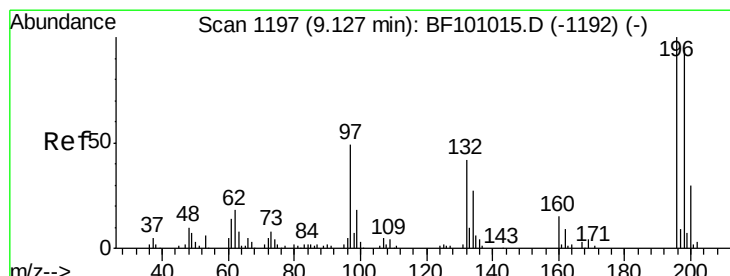
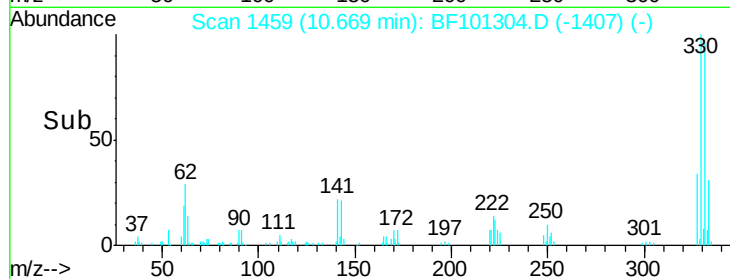
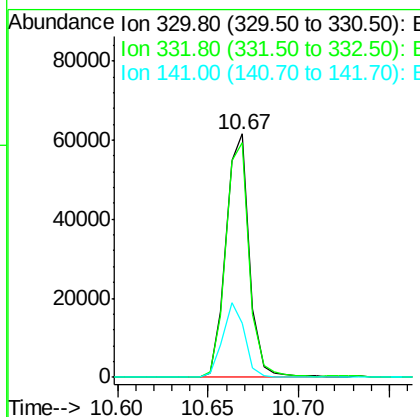
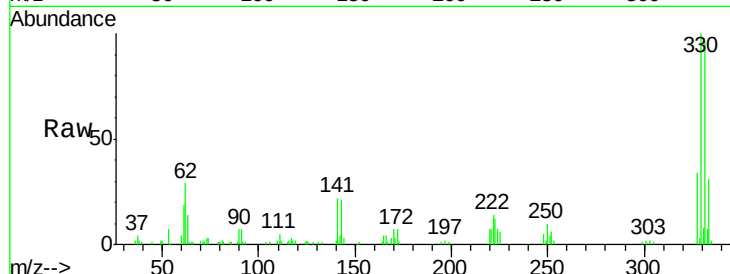
#41
 2,4,6-Tribromophenol
 Concen: 60.474 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	77.0	115.6	
141	28.4	29.9	44.9	

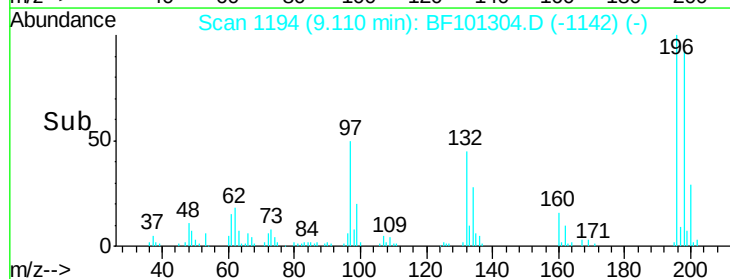
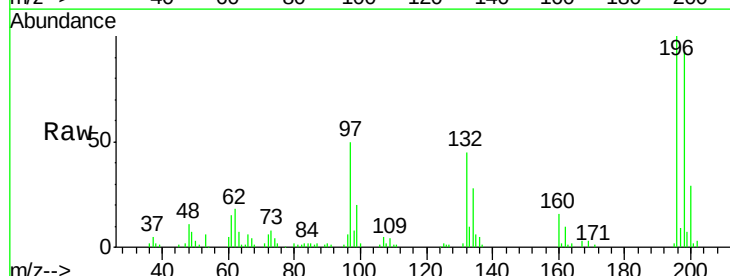
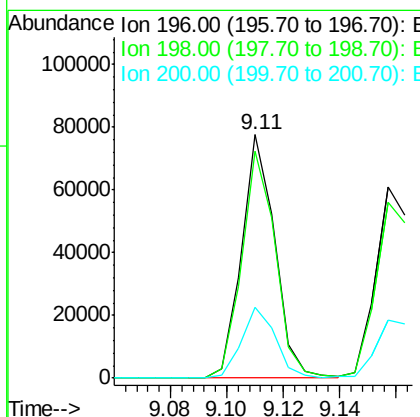
Manual Integrations
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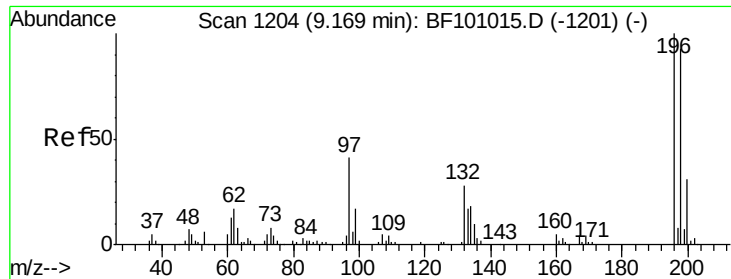
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 12/12/2017 3:59:20 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.994 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.1	75.7	113.5	
200	28.9	24.5	36.7	





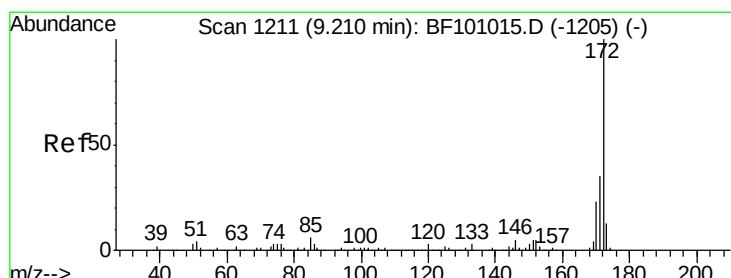
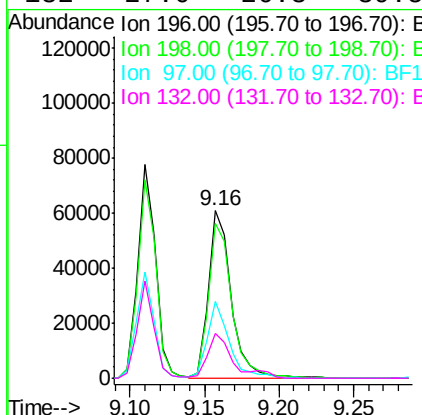
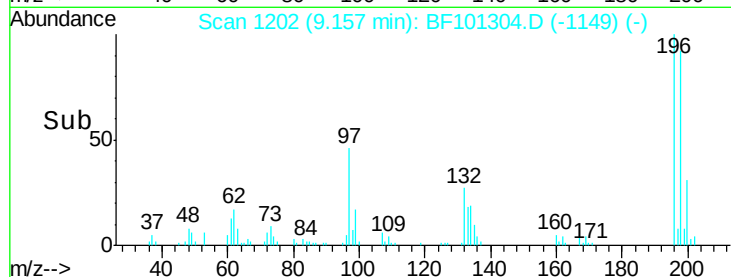
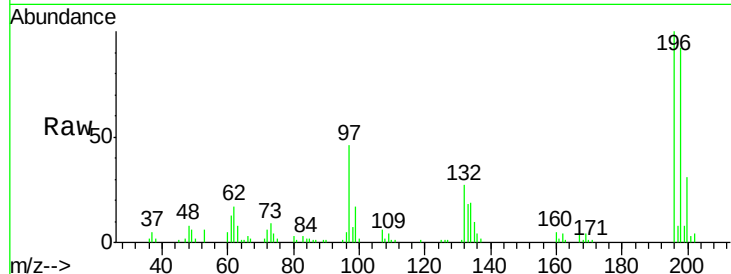
#43
 2,4,5-Trichlorophenol
 Concen: 37.229 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		64736		
198	92.4	74.6	112.0		
97	45.8	42.9	64.3		
132	27.0	26.3	39.5		

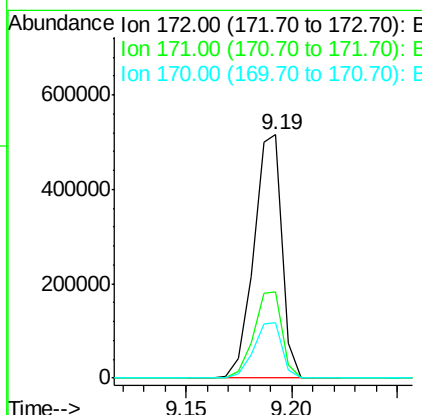
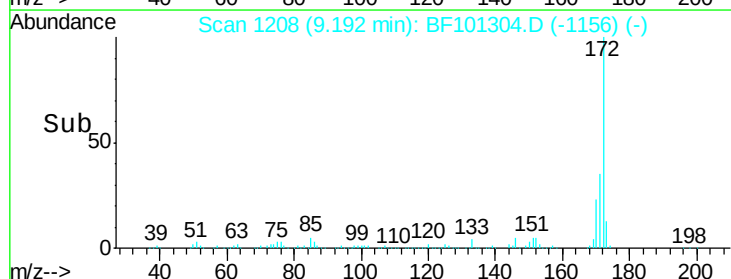
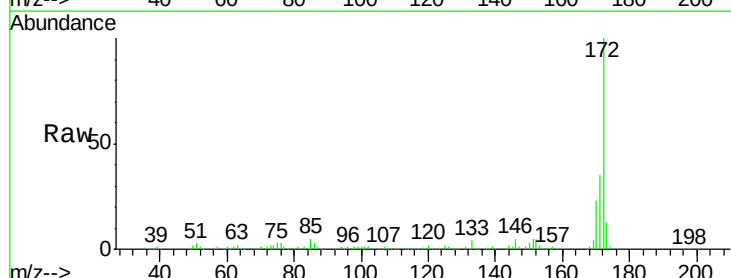
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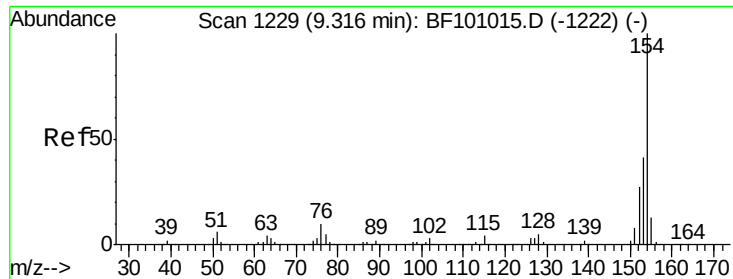
Sohil
 12/12/2017 3:59:20 PM



#44
 2-Fluorobiphenyl
 Concen: 85.524 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		477420		
171	35.1	29.7	44.5		
170	23.0	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 41.149 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Instrument :

BNA_F

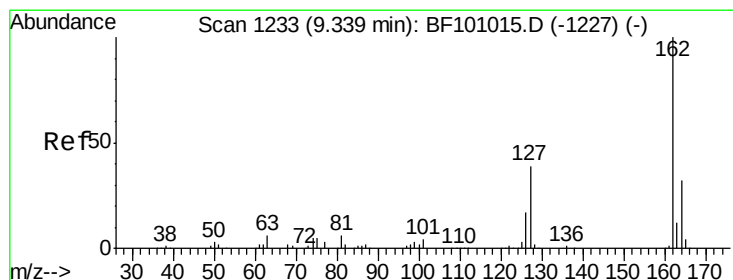
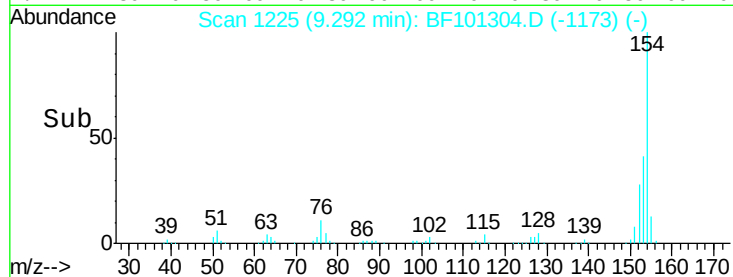
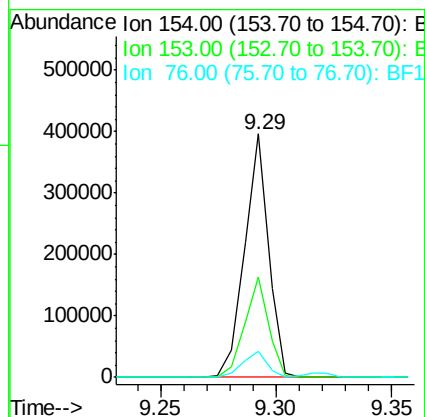
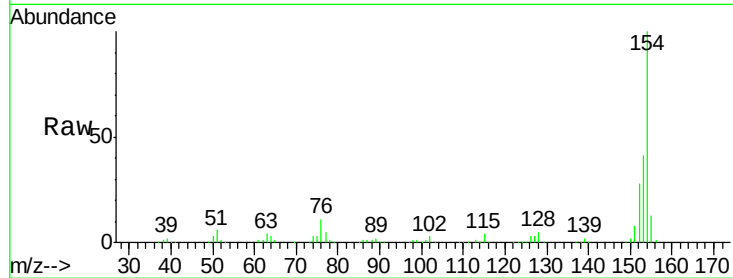
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	287949
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	10.5	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 40.143 ng

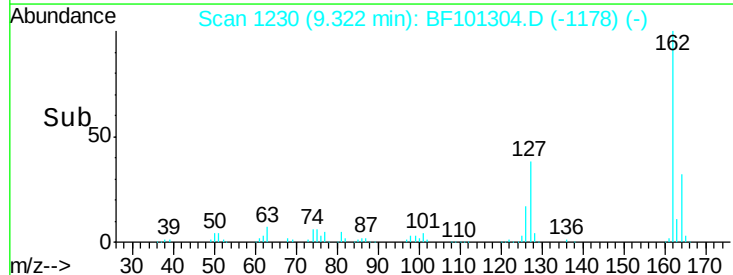
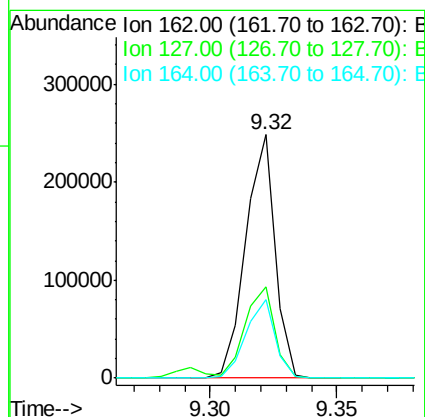
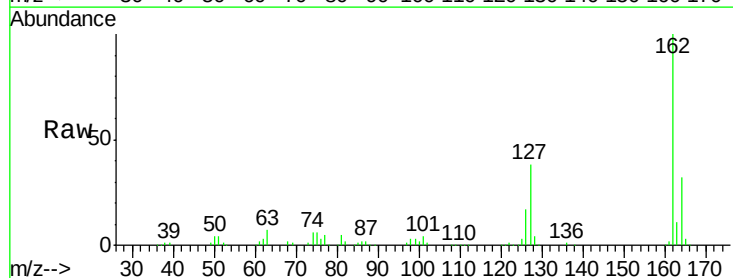
RT: 9.32 min Scan# 1230

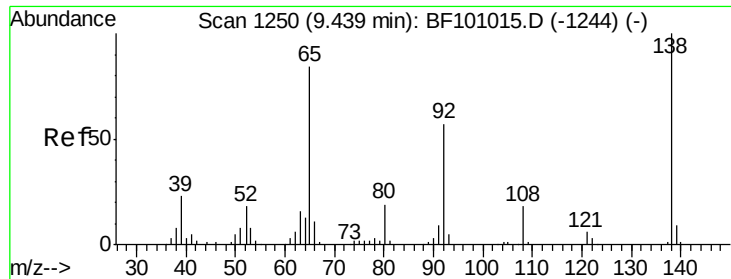
Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Tgt Ion:	162	Resp:	199493
Ion Ratio	Lower	Upper	
162	100		
127	37.7	33.9	50.9
164	32.1	26.5	39.7





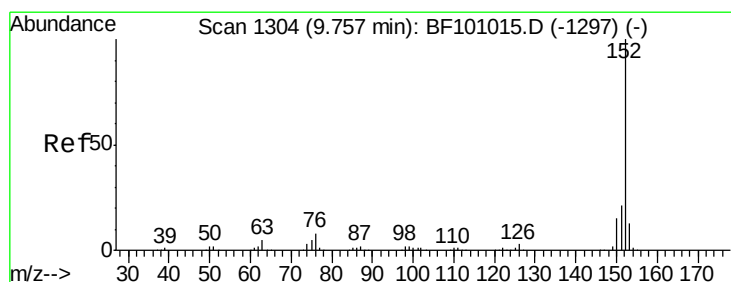
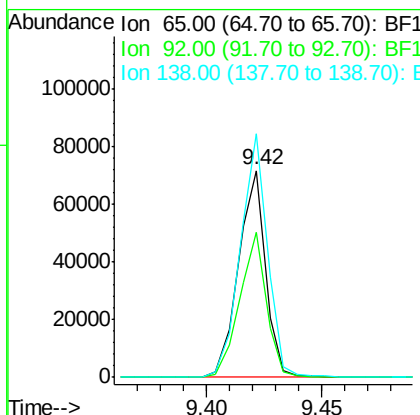
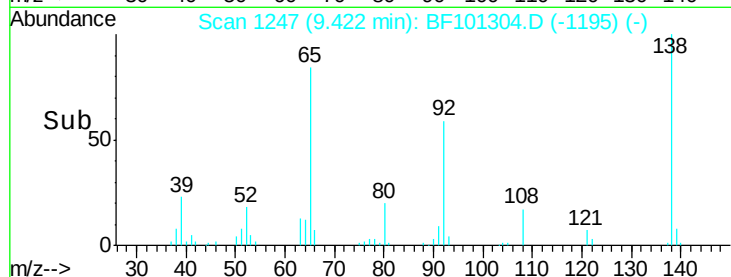
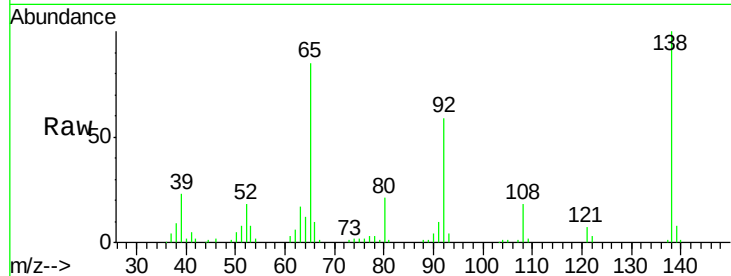
#47
 2-Nitroaniline
 Concen: 40.086 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	65	Resp:	58940
Ion Ratio	Lower	Upper	
65	100		
92	70.1	55.8	83.6
138	117.9	91.2	136.8

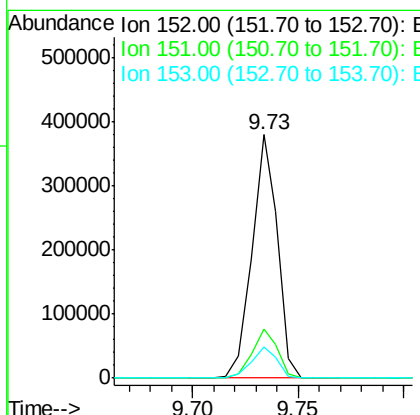
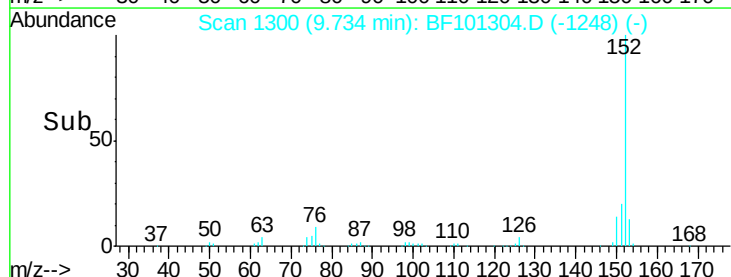
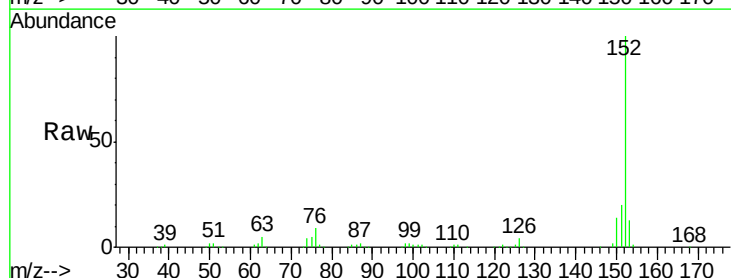
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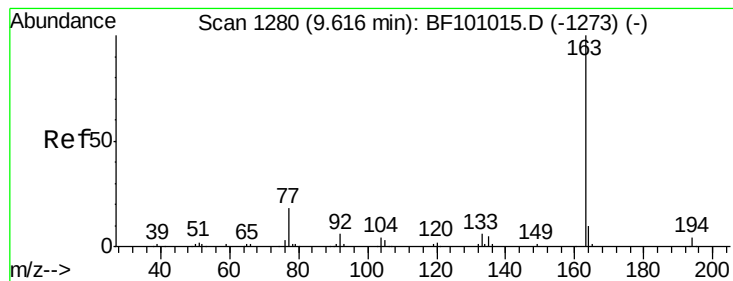
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#48
 Acenaphthylene
 Concen: 38.658 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Tgt Ion:	152	Resp:	315720
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.3	24.5
153	12.9	10.7	16.1





#49

Dimethylphthalate

Concen: 40.016 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Instrument :

BNA_F

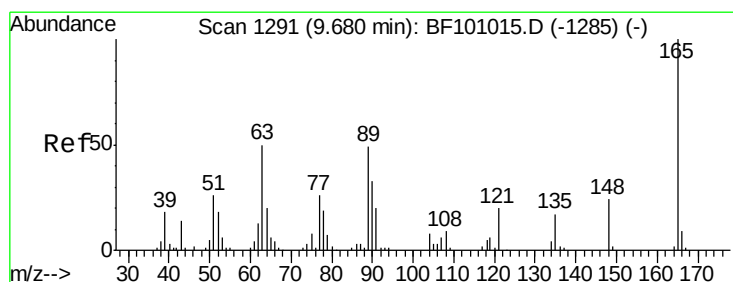
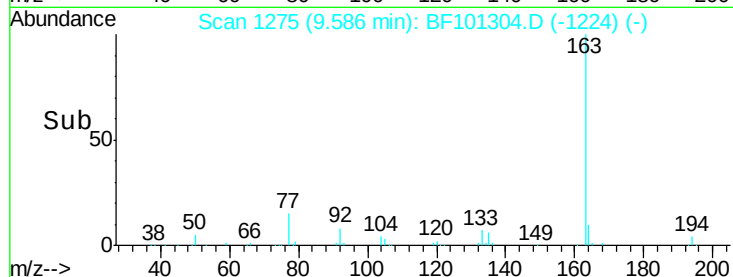
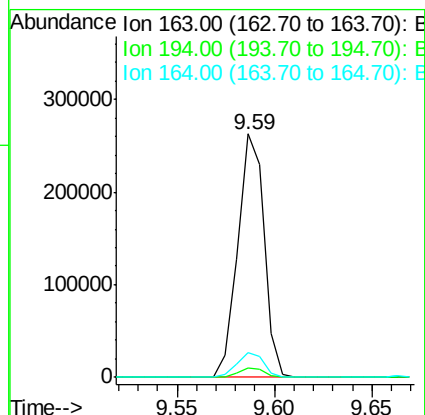
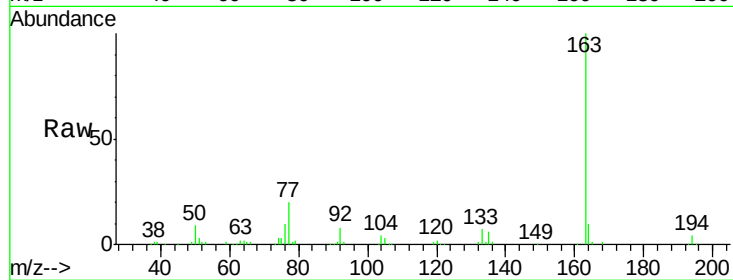
ClientSampleId :

SSTDCCC040

Tot Ion:	163	Resp:	246481
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 35.978 ng

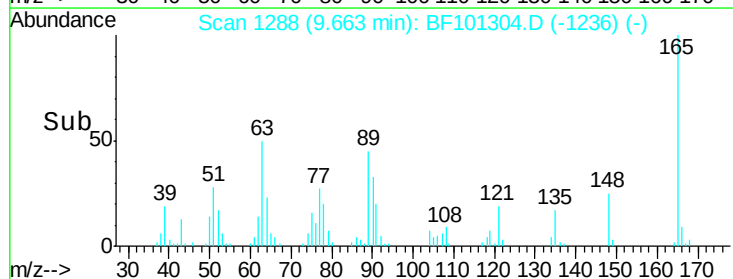
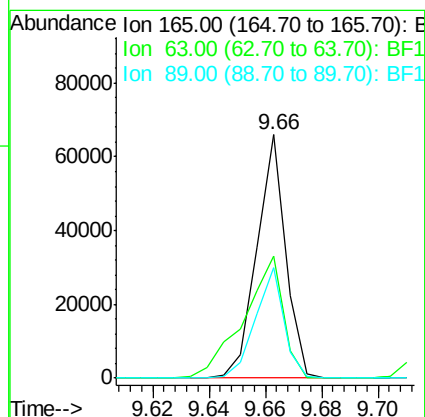
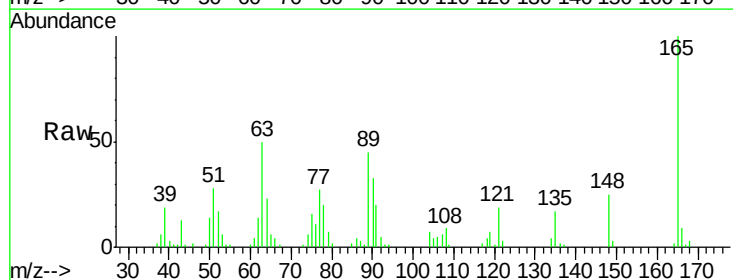
RT: 9.66 min Scan# 1288

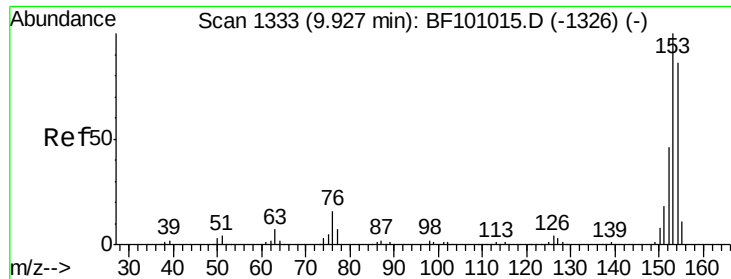
Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Tgt Ion:	165	Resp:	46676
Ion Ratio	Lower	Upper	
165	100		
63	50.1	44.7	67.1
89	45.3	44.0	66.0





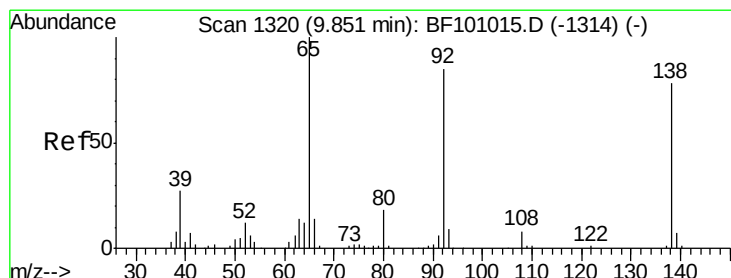
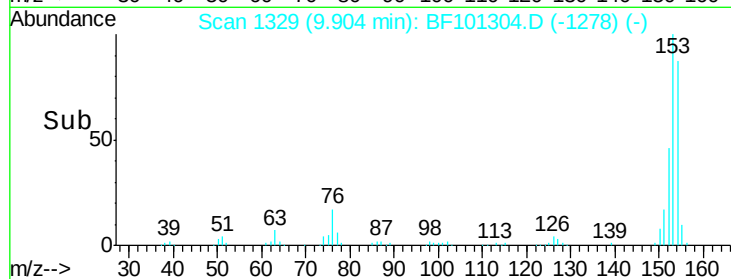
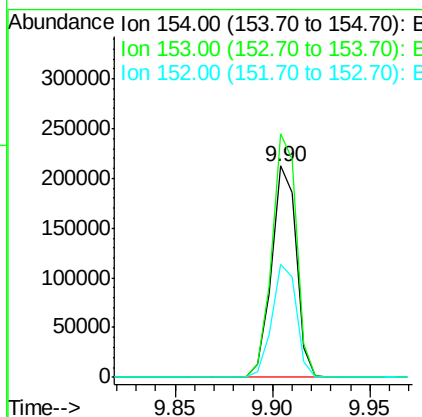
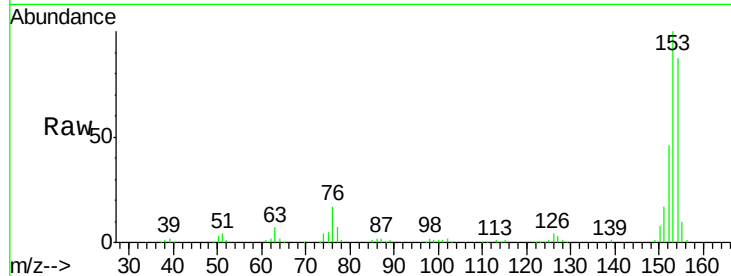
#51
Acenaphthene
Concen: 38.057 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.2	136.8
152	53.6	43.8	65.8

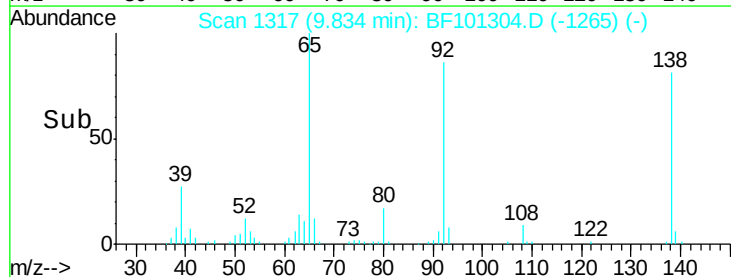
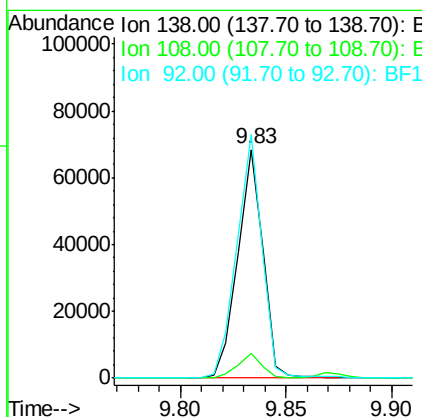
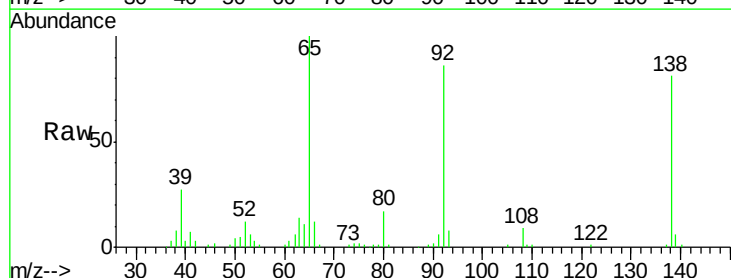
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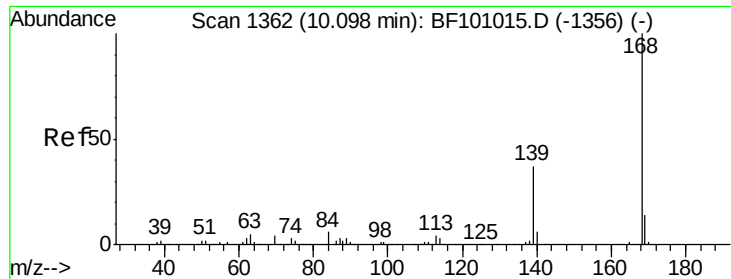
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#52
3-Nitroaniline
Concen: 38.479 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.4	14.0
92	106.5	89.4	134.2





#54

Dibenzenofuran

Concen: 37.297 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Instrument :

BNA_F

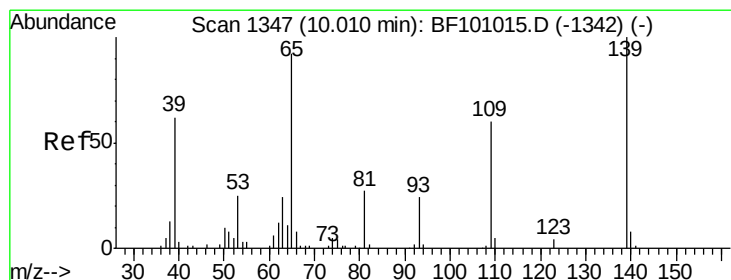
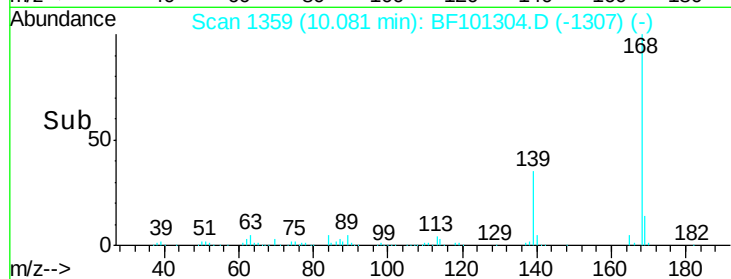
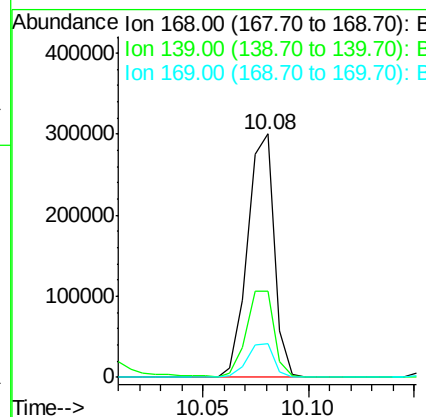
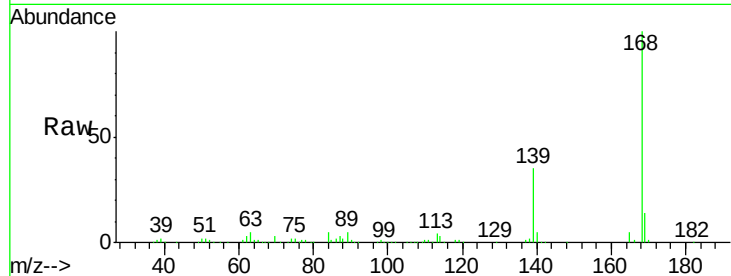
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.1	45.1
169	13.9	10.9	16.3

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#55

4-Nitrophenol

Concen: 31.062 ng

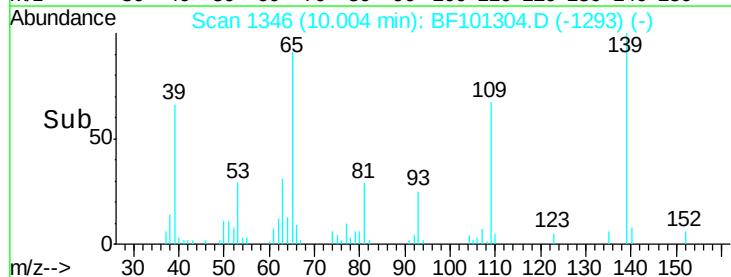
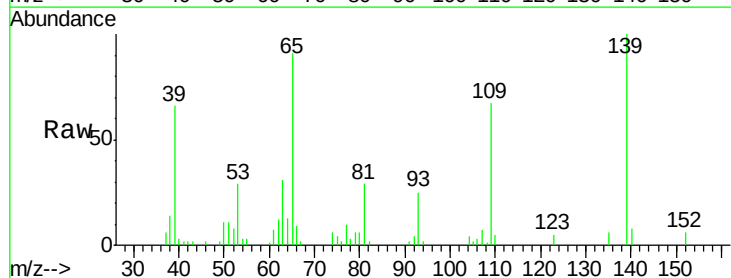
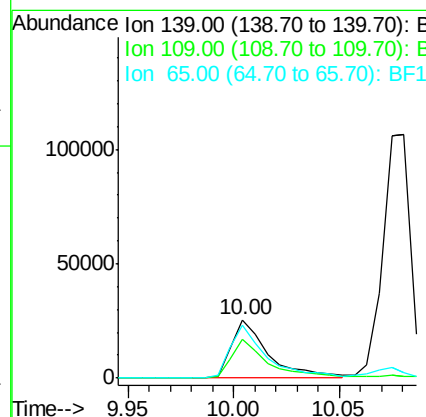
RT: 10.00 min Scan# 1346

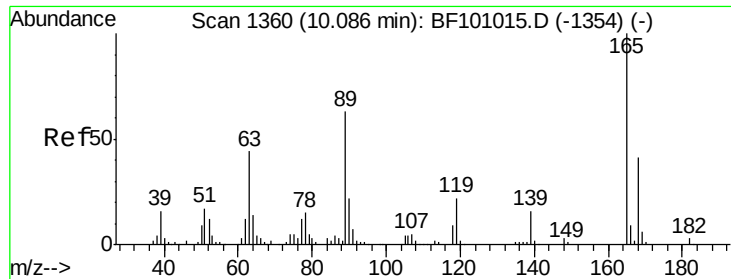
Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.5	48.4	88.4
65	90.9	72.6	112.6





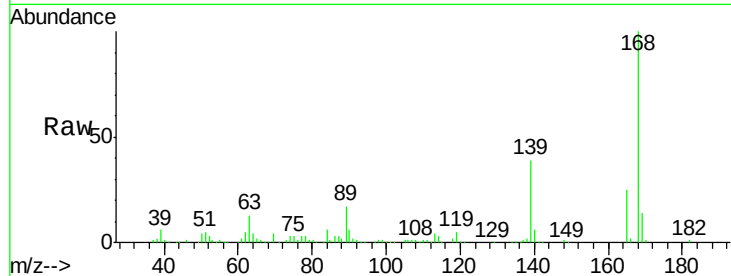
#56
2,4-Dinitrotoluene
Concen: 31.153 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.7	36.4	54.6#
89	68.7	57.8	86.6
182	2.6	1.6	2.4#

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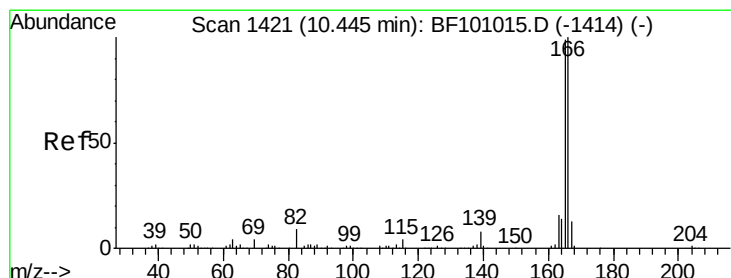
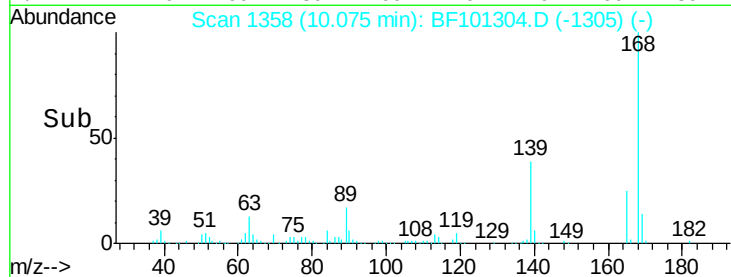
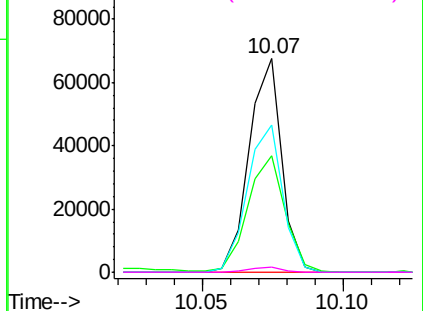
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 36.018 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

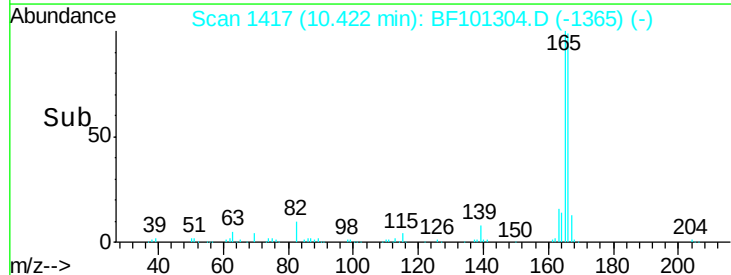
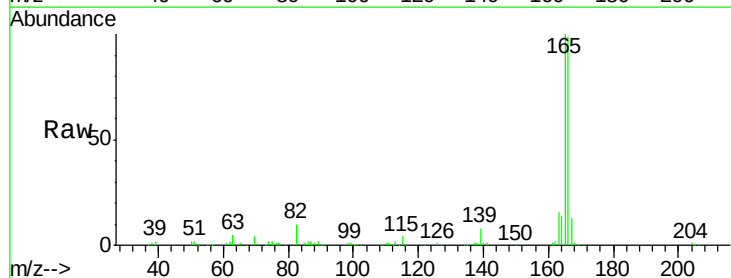
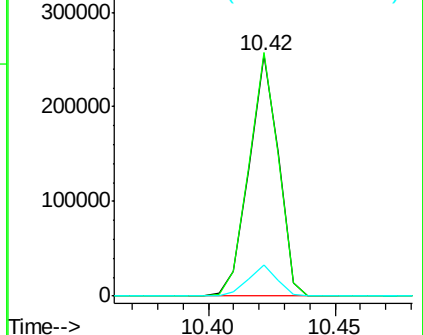
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.8	119.8
167	12.8	10.6	16.0

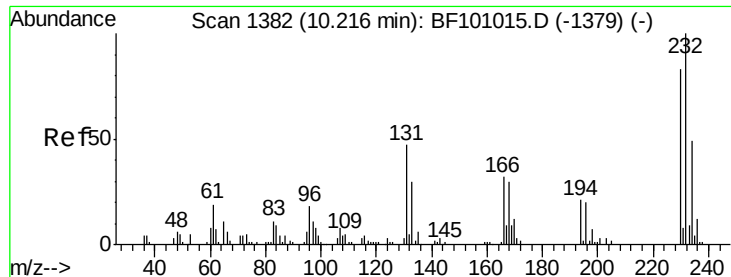
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





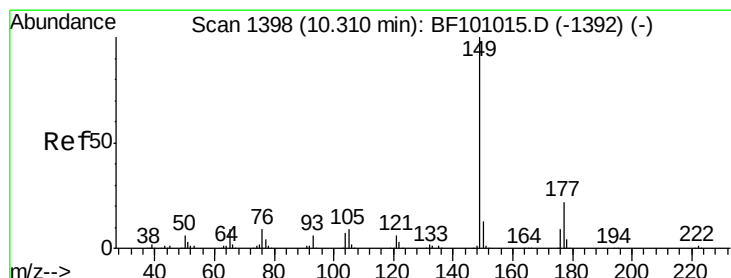
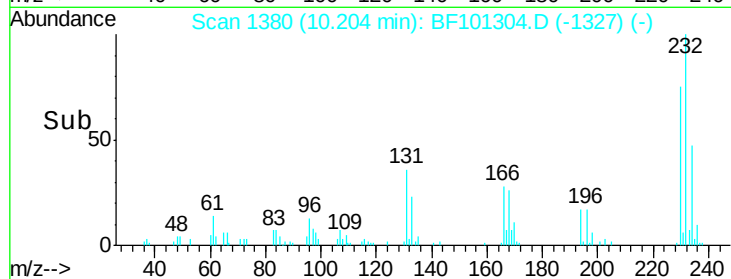
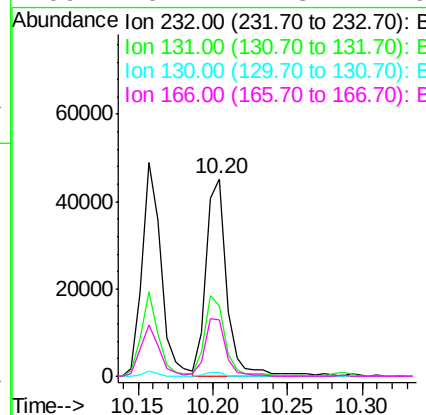
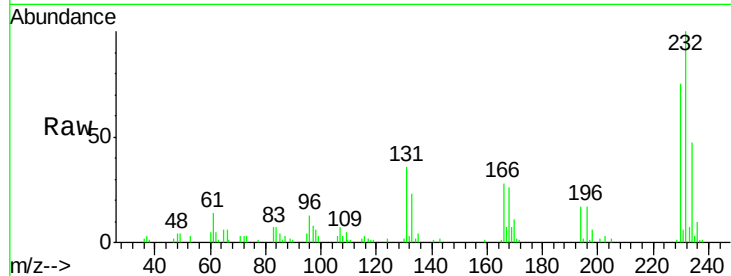
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.362 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.9	43.8	65.8#
130	1.6	2.1	3.1#
166	29.1	27.8	41.6

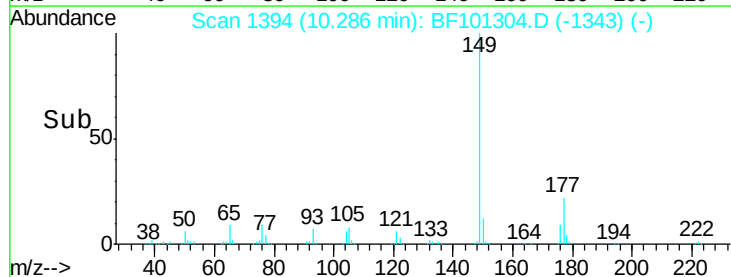
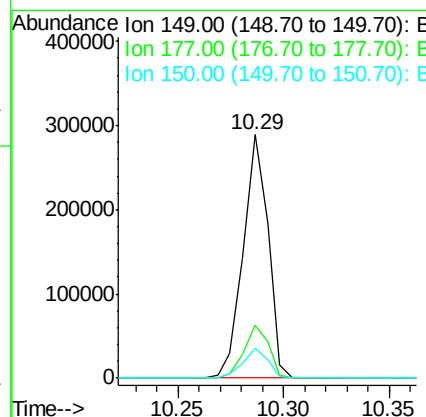
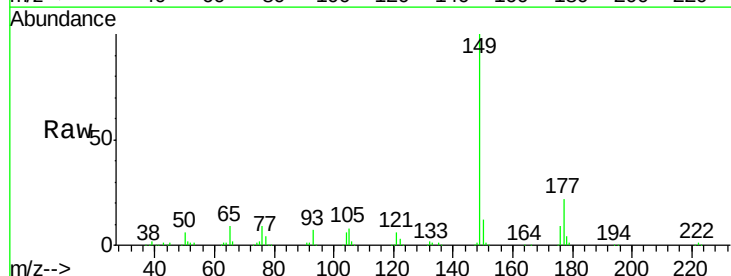
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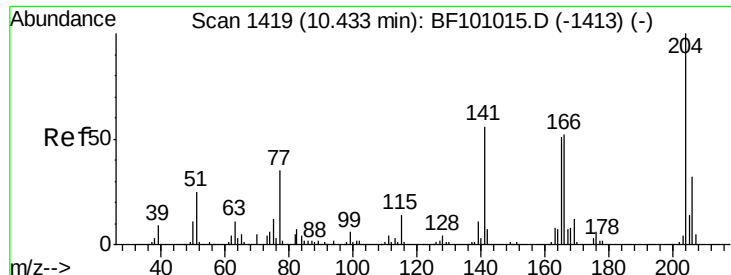
Sohil
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#59
 Diethylphthalate
 Concen: 38.548 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.3	10.1	15.1





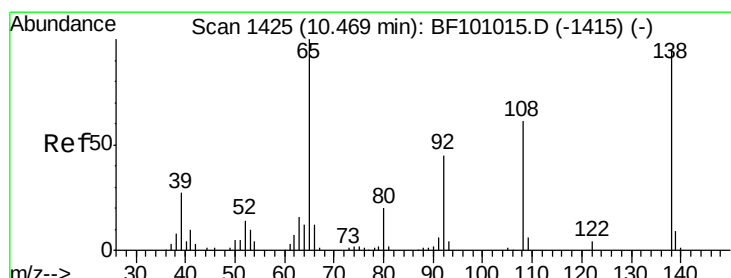
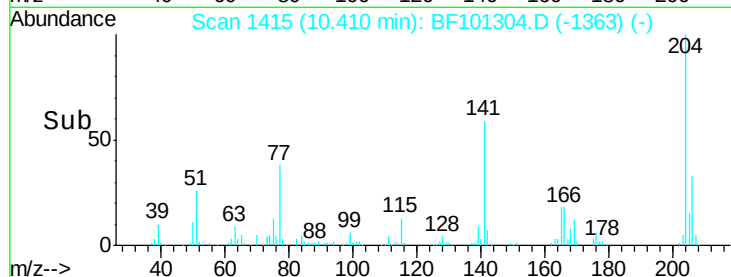
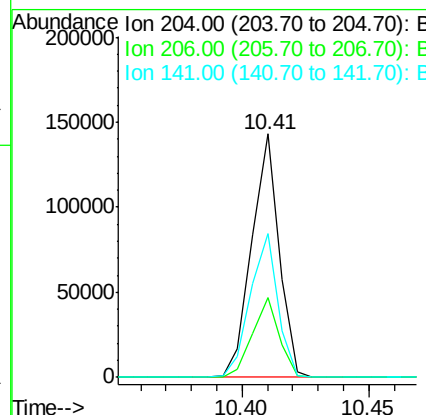
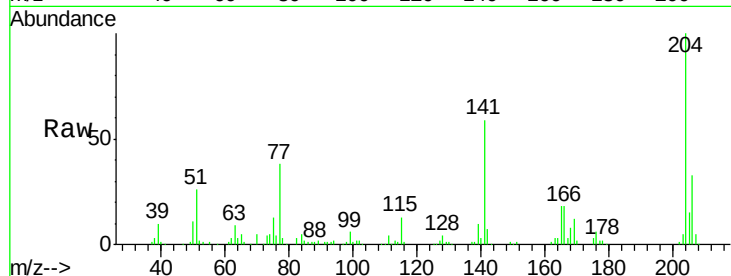
#60
4-Chlorophenyl-phenylether
Concen: 38.139 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	59.0	54.6	81.8

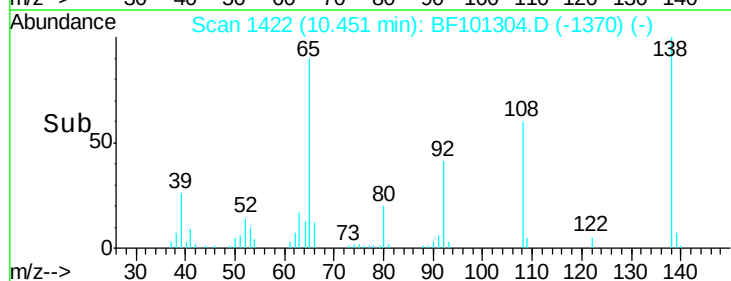
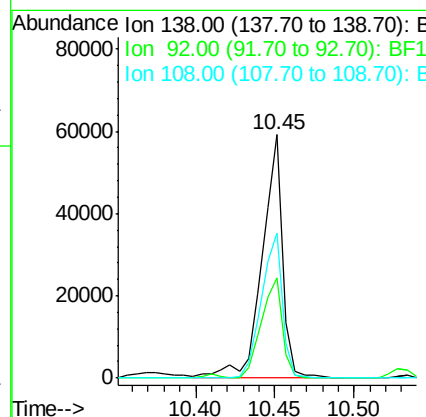
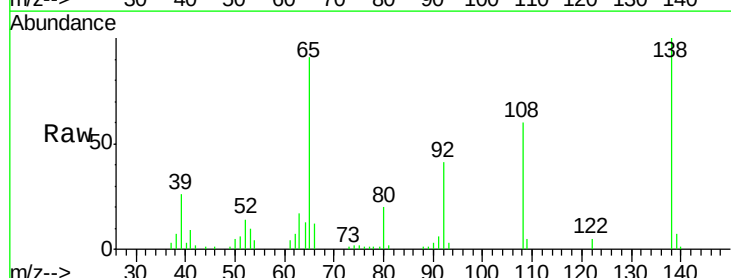
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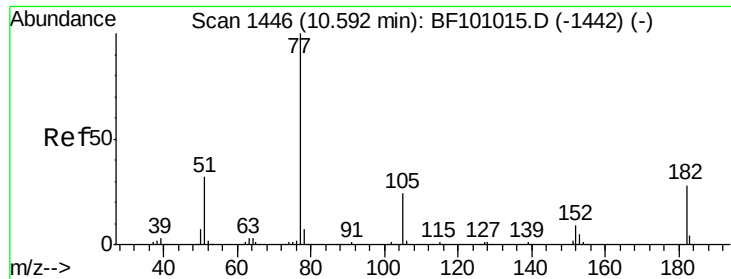
Sohil
12/12/2017 3:59:20 PM



#61
4-Nitroaniline
Concen: 35.340 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.3	30.2	70.2
108	59.7	52.5	92.5





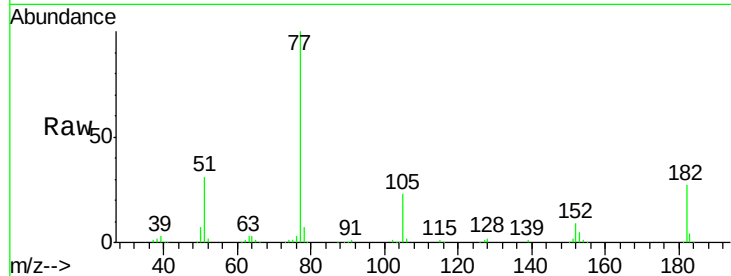
#62
Azobenzene
Concen: 35.121 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.1	1.7	41.7		
105	23.5	3.0	43.0		
51	31.2	9.9	49.9		

Manual Integrations
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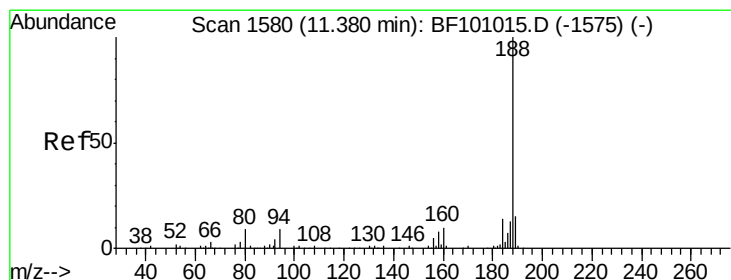
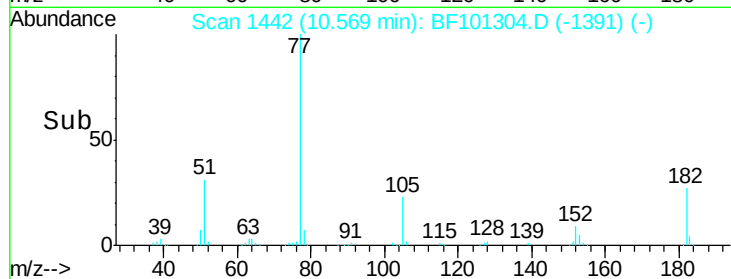
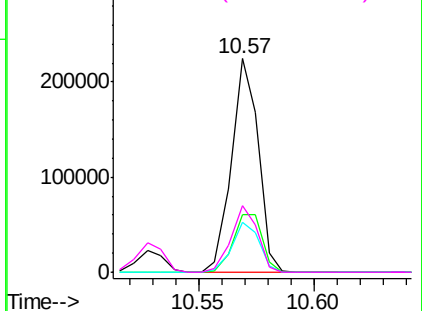


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



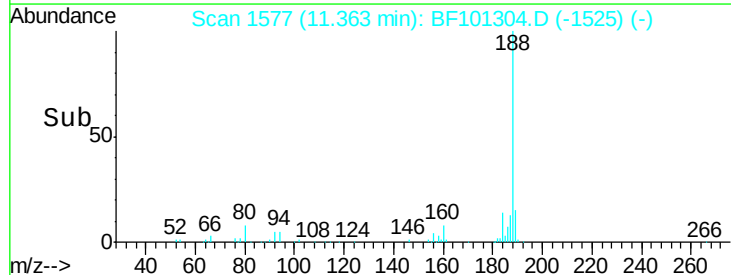
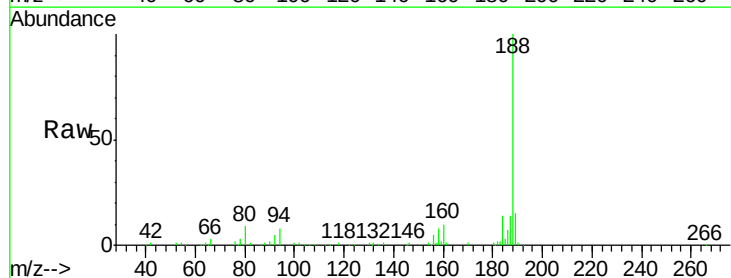
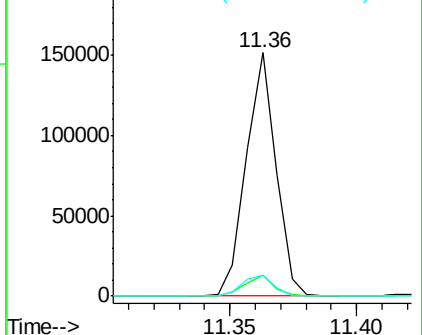
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

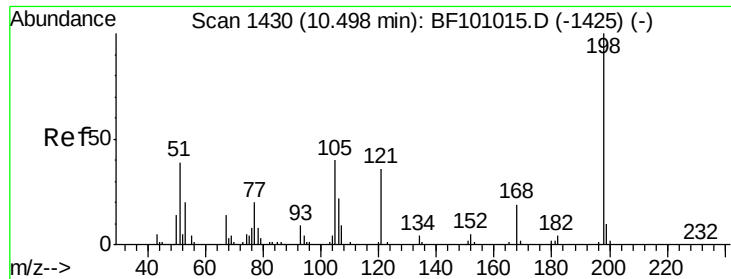
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.4	8.5	12.7#		
80	8.7	9.2	13.8#		

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





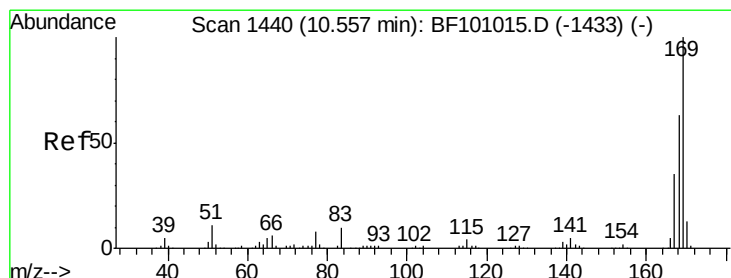
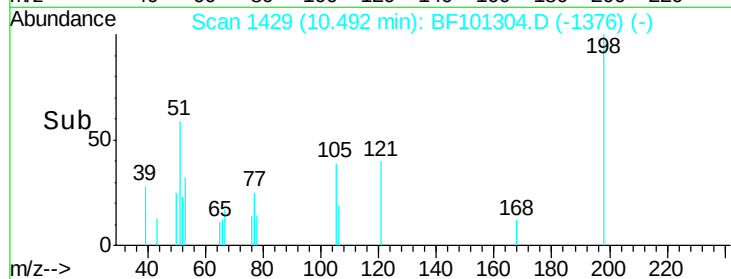
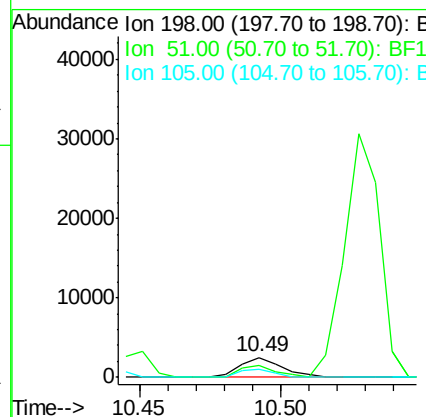
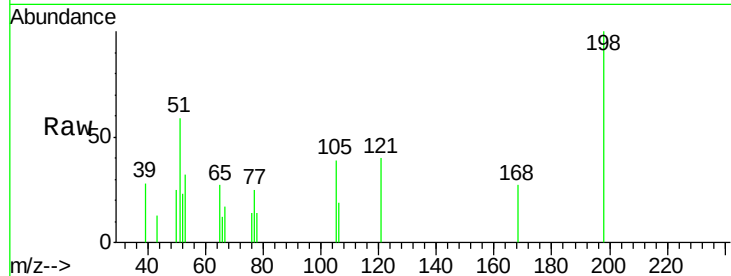
#64
4,6-Dinitro-2-methylphenol
Concen: 3.078 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	58.6	37.7	77.7
105	38.9	36.3	76.3

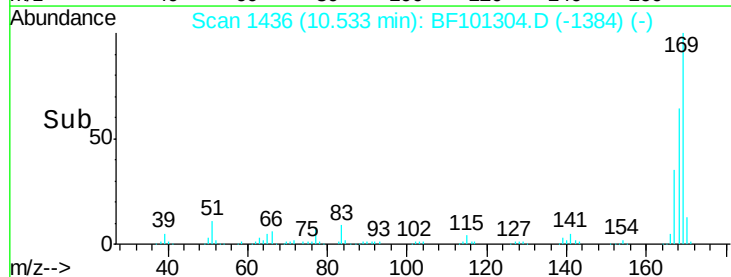
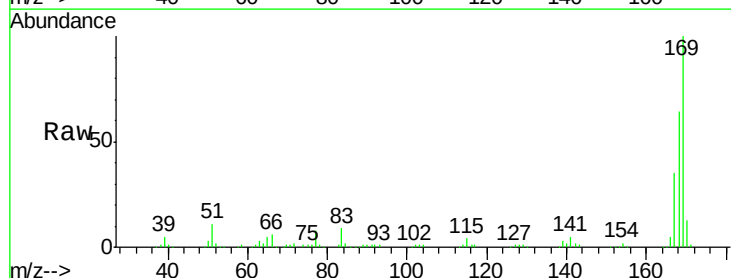
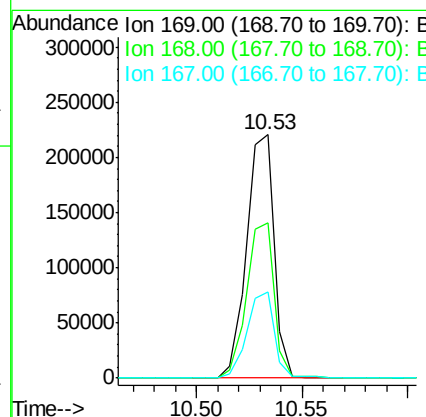
Manual Integrations
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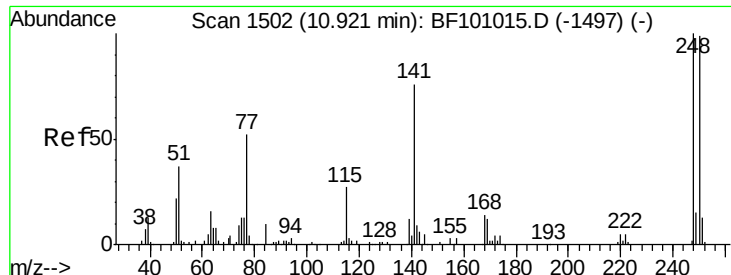
Sohil
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#65
n-Nitrosodiphenylamine
Concen: 45.453 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.9	54.4	81.6
167	35.5	29.8	44.6





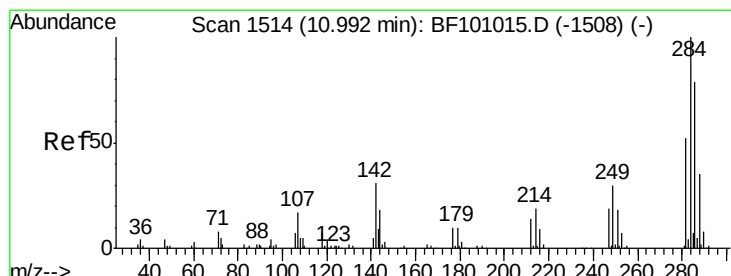
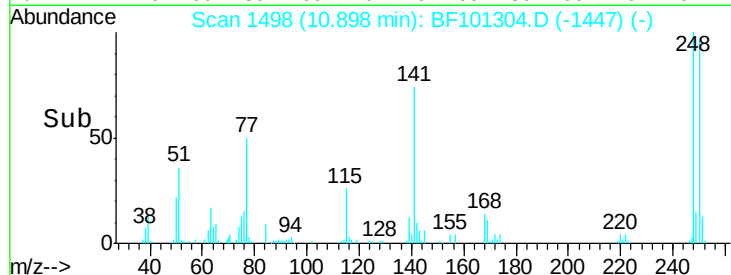
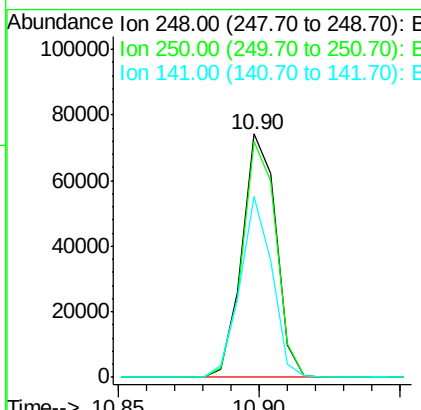
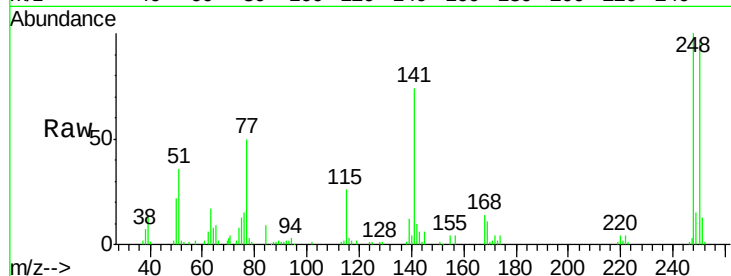
#66
 4-Bromophenyl-phenylether
 Concen: 44.613 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.9	115.3
141	74.1	74.4	111.6

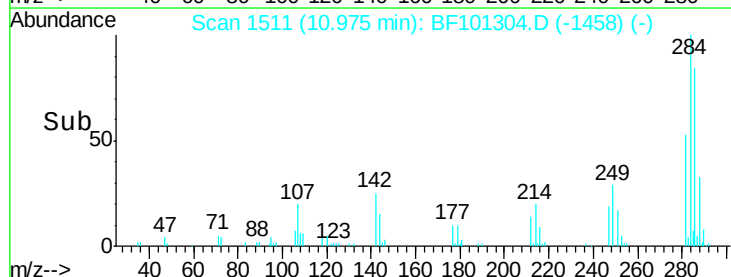
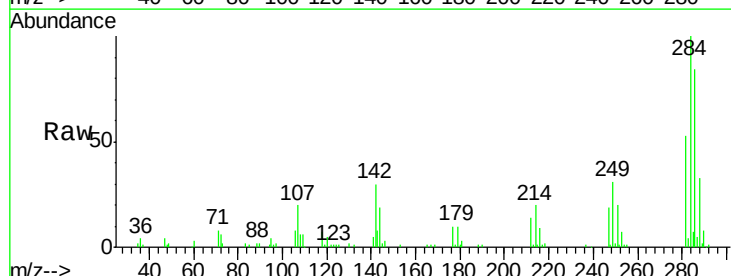
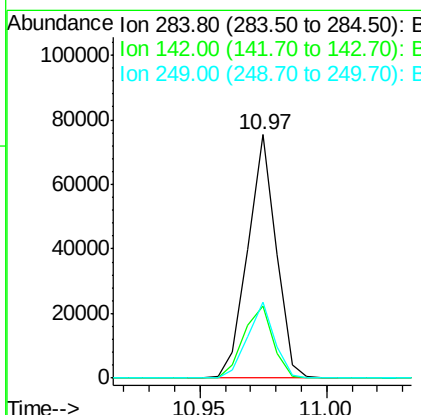
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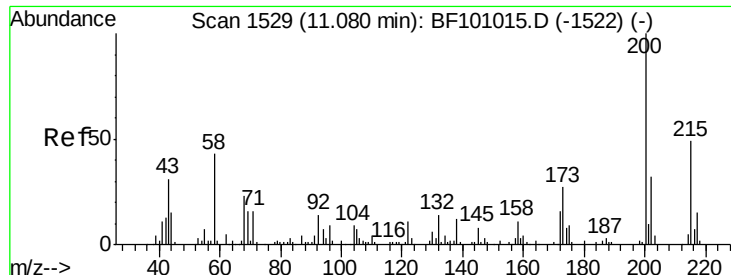
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#67
 Hexachlorobenzene
 Concen: 39.576 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	34.6	52.0
249	31.0	24.8	37.2





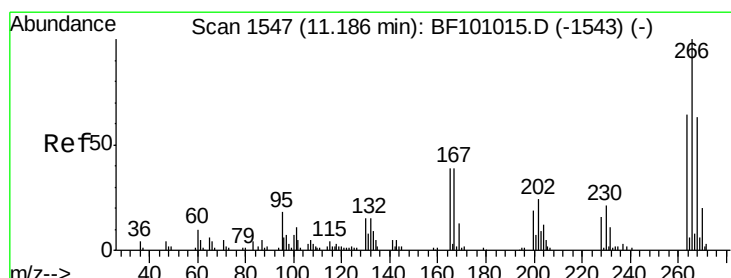
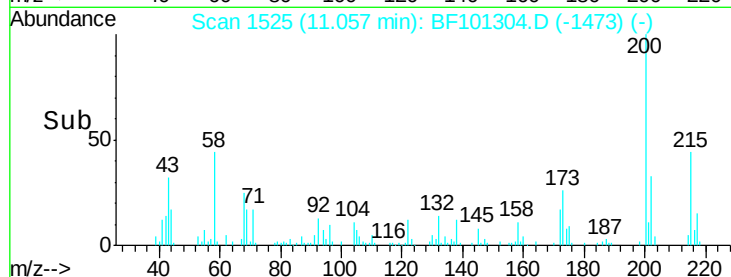
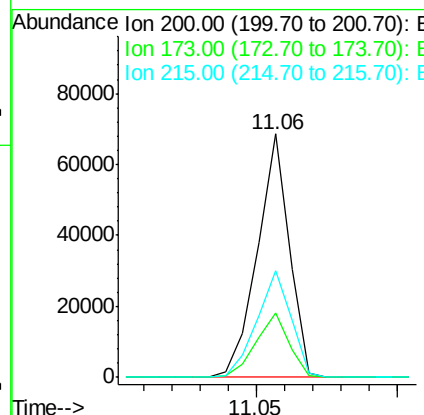
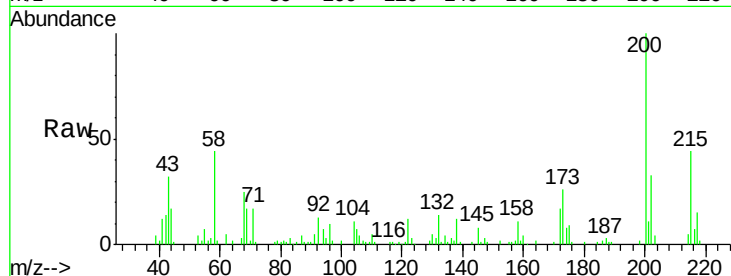
#68
 Atrazine
 Concen: 40.167 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.5	8.6	48.6
215	43.8	25.1	65.1

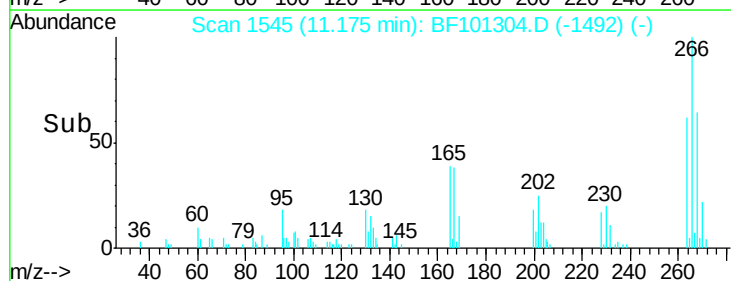
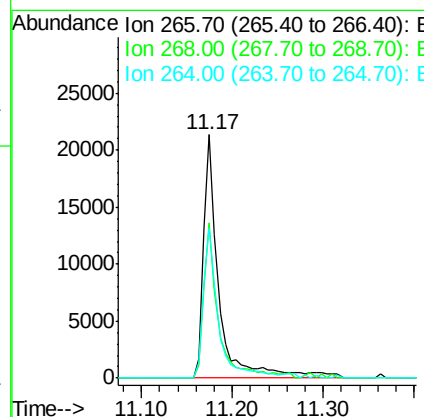
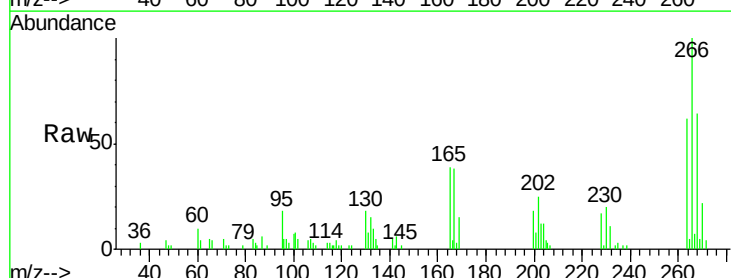
Manual Integrations
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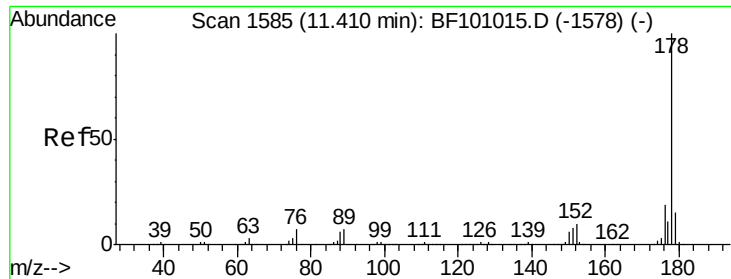
Sohil
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#69
 Pentachlorophenol
 Concen: 31.120 ng m
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.6	51.1	76.7
264	61.6	49.5	74.3





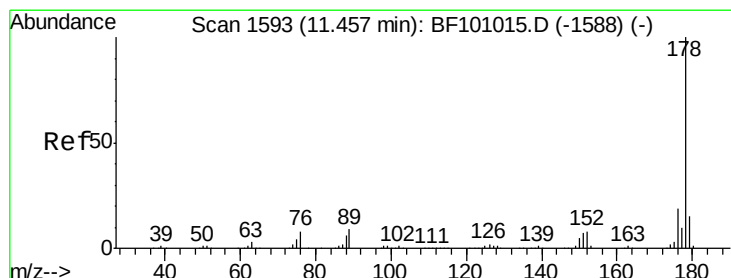
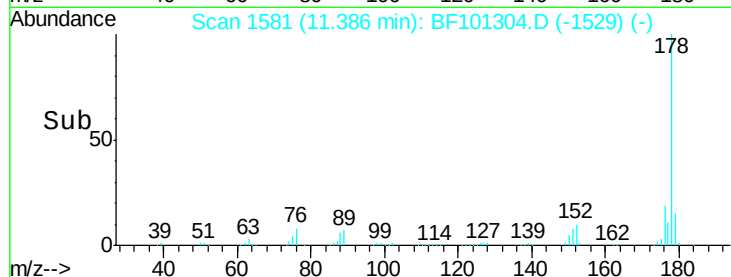
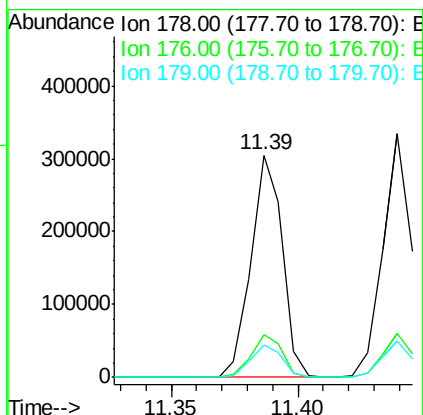
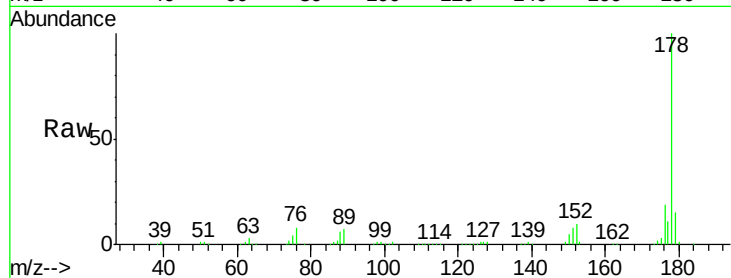
#70
Phenanthrene
Concen: 38.243 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.8	13.0	19.6

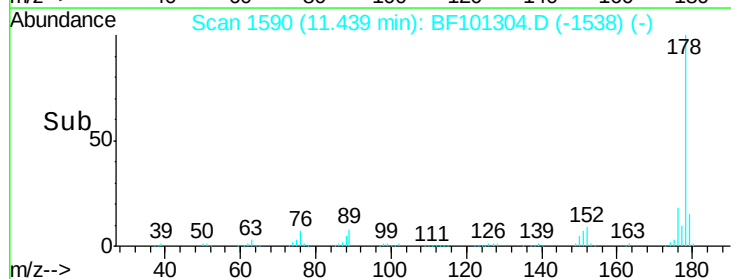
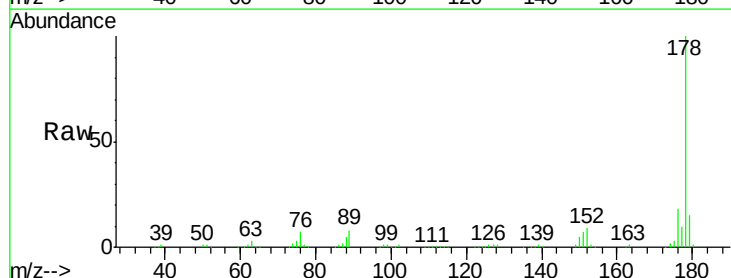
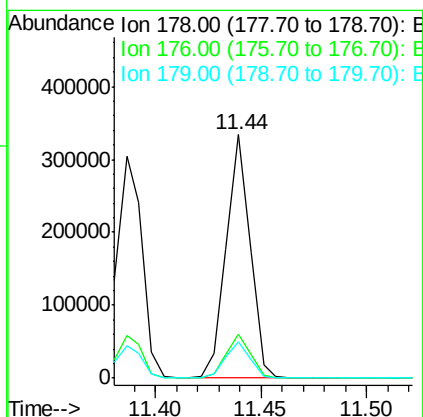
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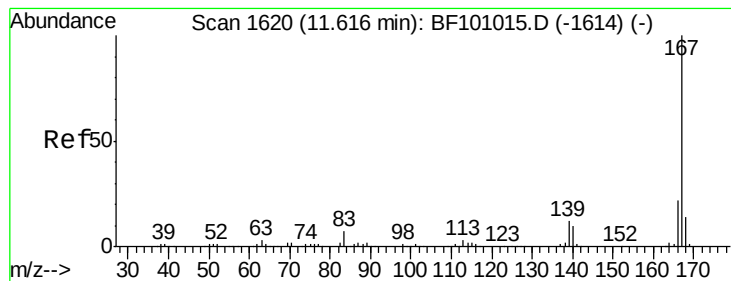
Sohil
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#71
Anthracene
Concen: 37.879 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.9	12.6	19.0





#72

Carbazole

Concen: 35.968 ng

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Instrument :

BNA_F

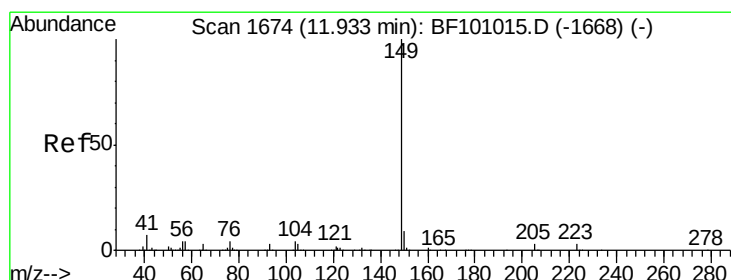
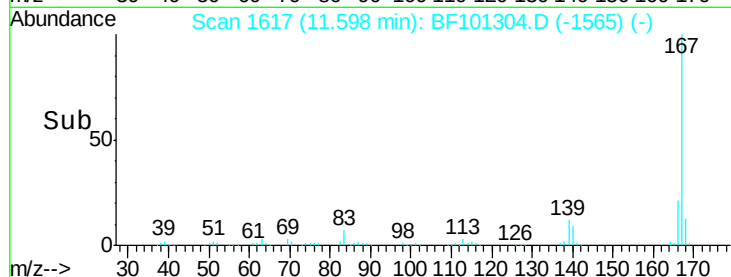
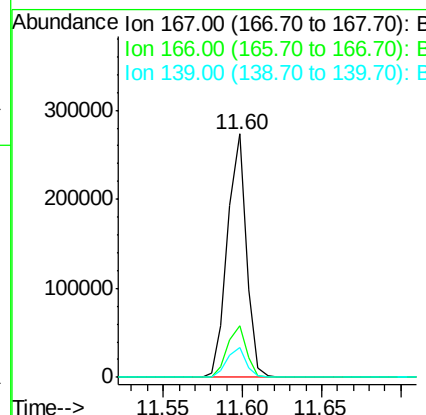
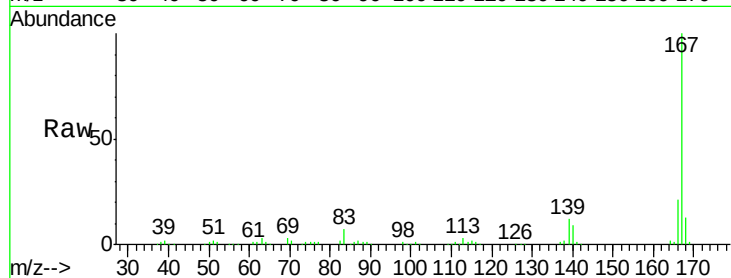
ClientSampleId :

SSTDCCC040

Tot Ion:	167	Resp:	226978
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.6	26.4
139	12.1	10.9	16.3

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 41.138 ng

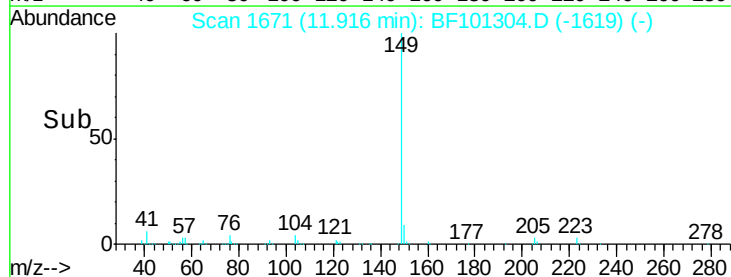
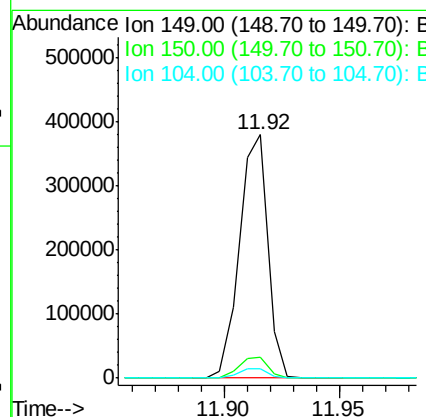
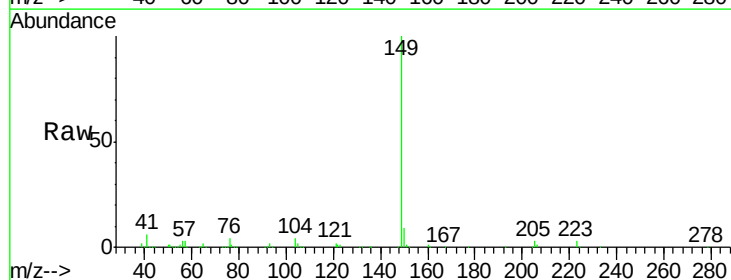
RT: 11.92 min Scan# 1671

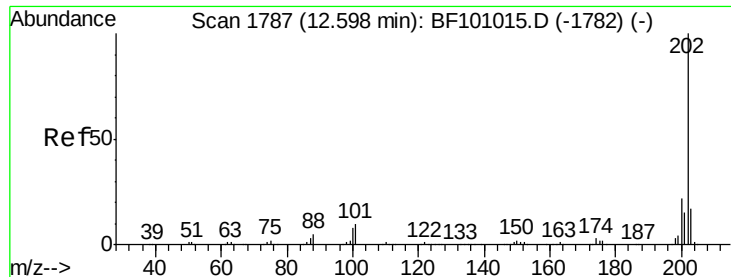
Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Tgt Ion:	149	Resp:	325388
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.8	11.6
104	3.9	3.8	5.8





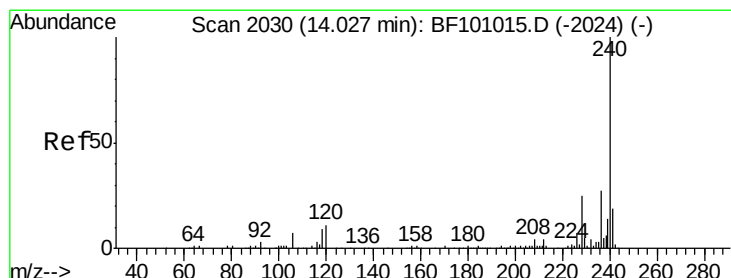
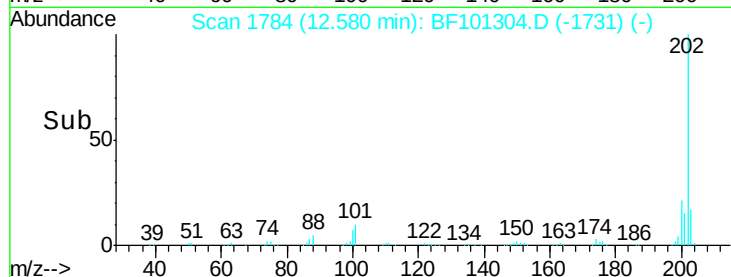
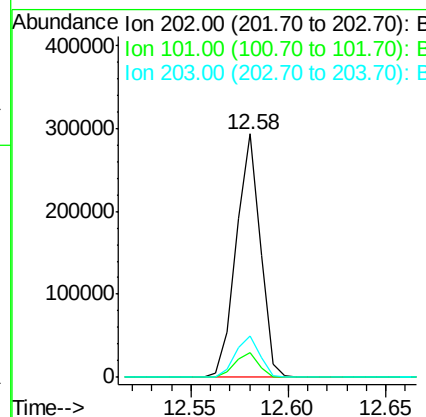
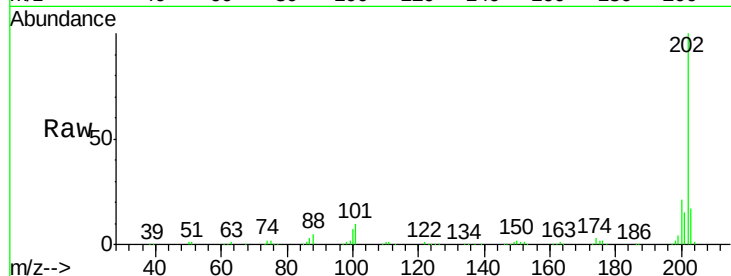
#74
 Fluoranthene
 Concen: 33.111 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	34.1
203	16.9	0.0	38.1

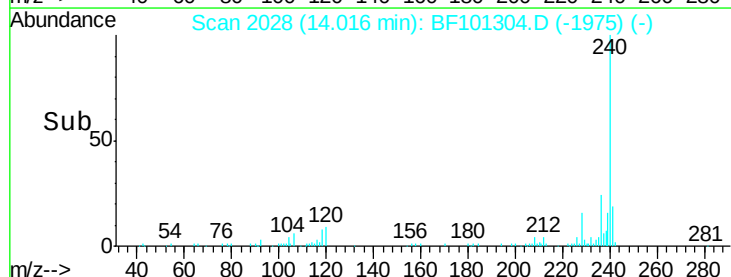
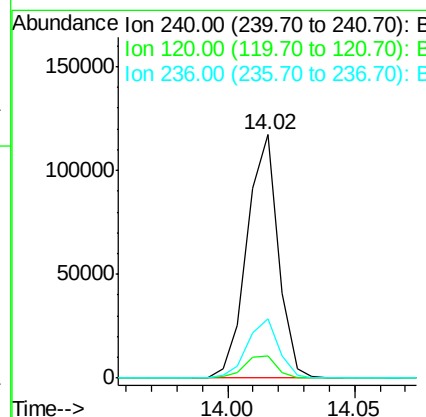
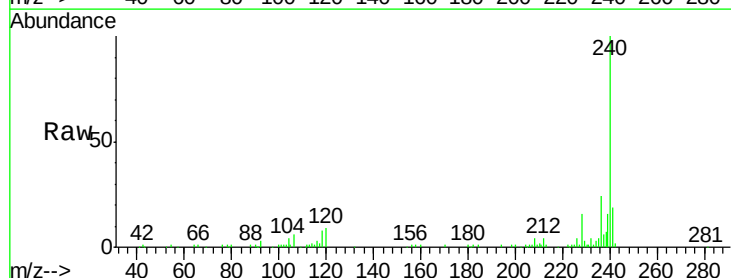
Manual Integrations
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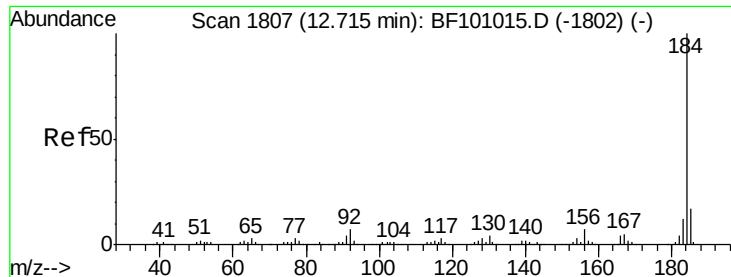
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	24.2	20.7	31.1





#76

Benzidine

Concen: 34.609 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Instrument :

BNA_F

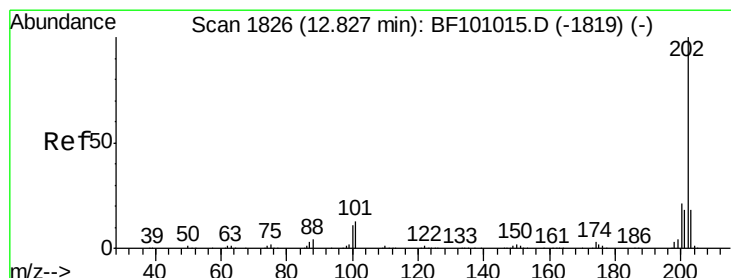
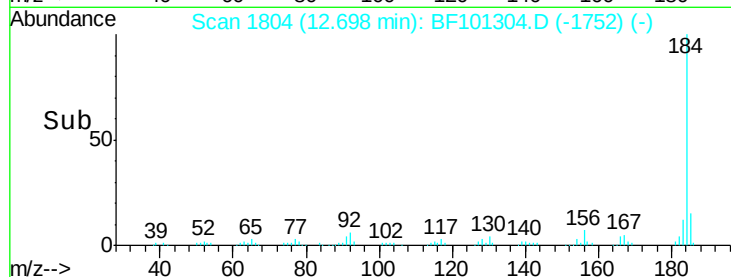
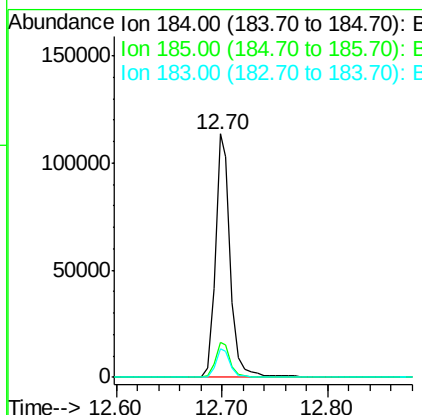
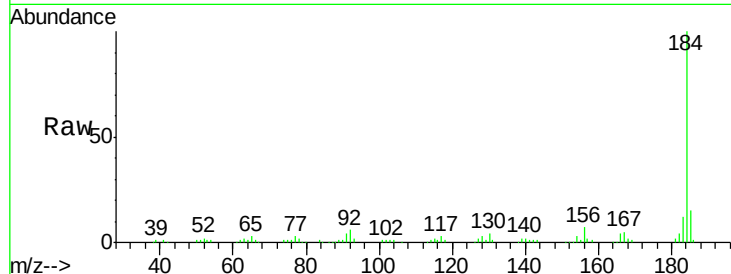
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	113168
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	11.9	9.3	13.9

Manual Integrations
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#77

Pyrene

Concen: 36.838 ng

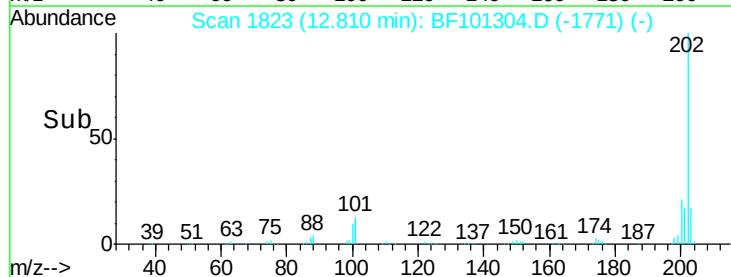
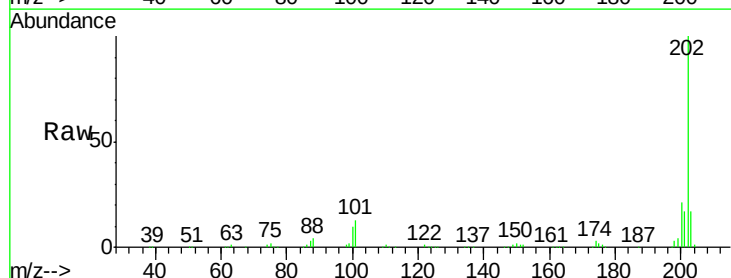
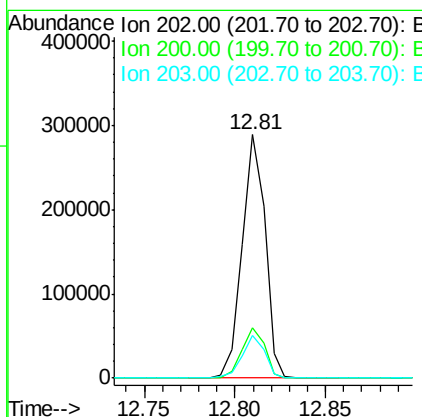
RT: 12.81 min Scan# 1823

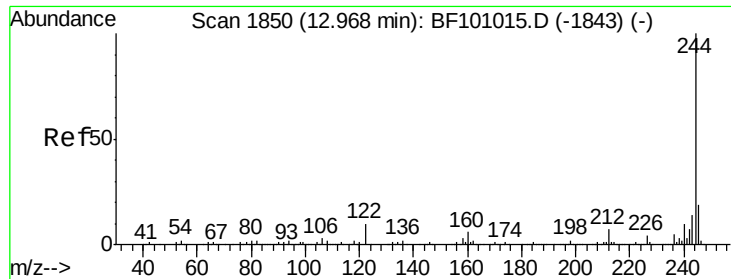
Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Tgt Ion:	202	Resp:	255603
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	17.4	14.3	21.5





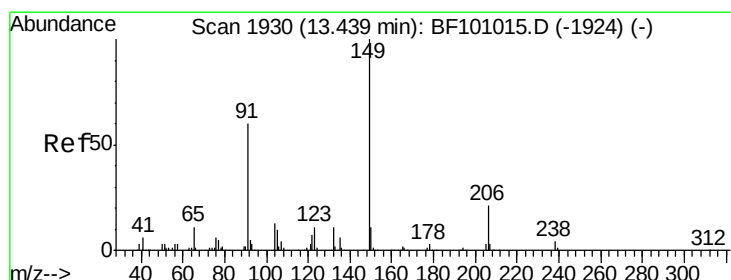
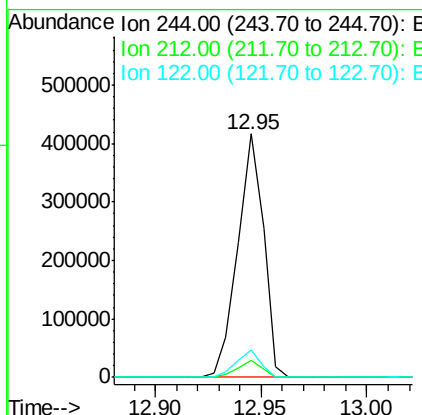
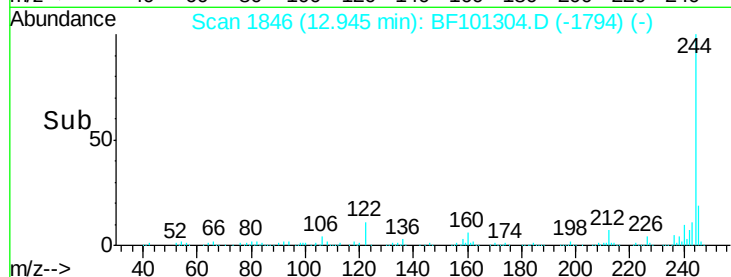
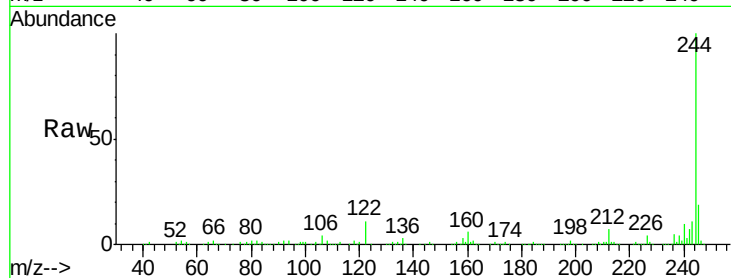
#78
 Terphenyl-d14
 Concen: 76.518 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.1	11.0	16.4

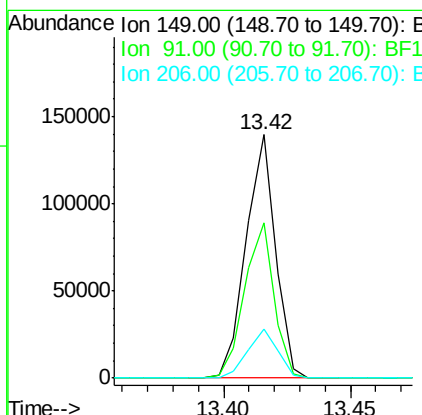
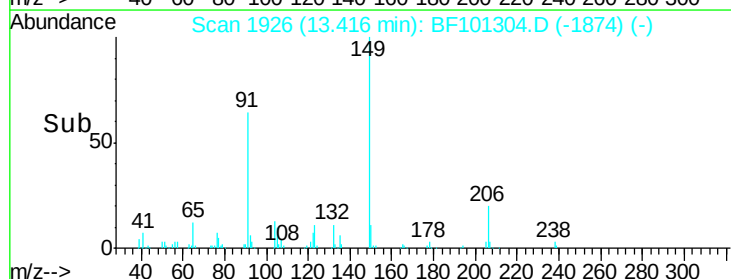
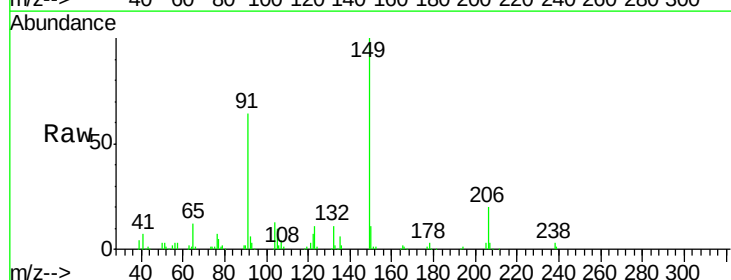
Manual Integrations
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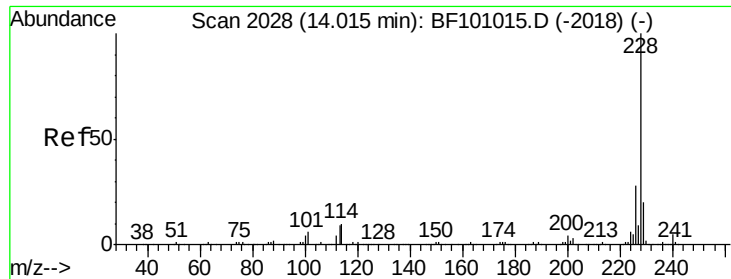
Sohil
 12/12/2017 3:59:20 PM



#79
 Butylbenzylphthalate
 Concen: 36.985 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. 0.01 min
 Lab File: BF101304.D
 Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.5	56.8	85.2
206	20.3	14.1	21.1





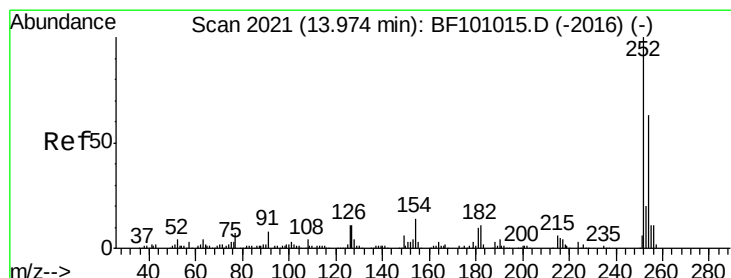
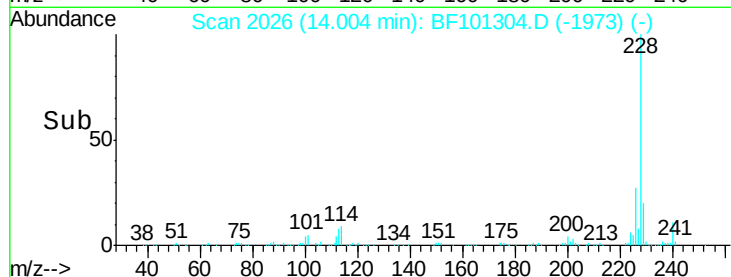
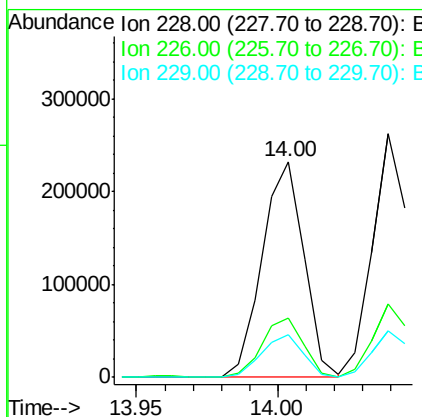
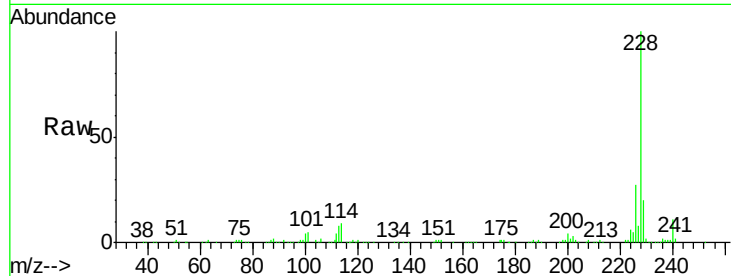
#80
Benzo(a)anthracene
Concen: 37.502 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.6	15.8	23.6

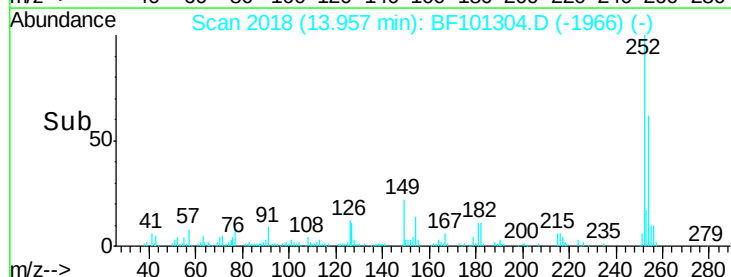
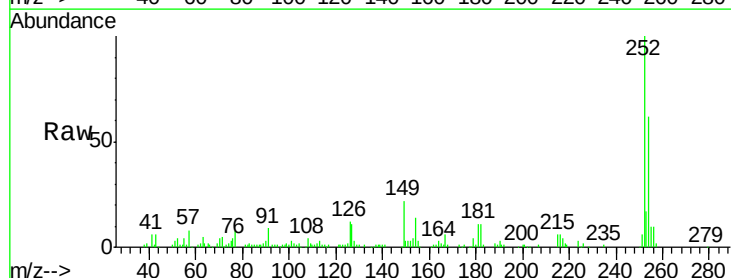
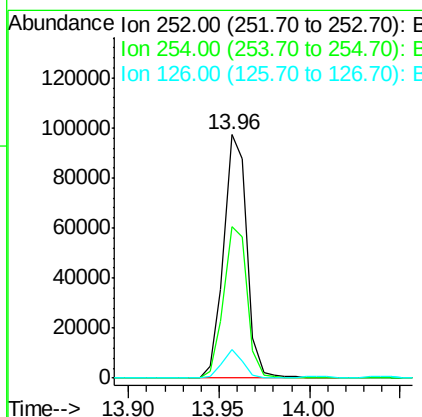
Manual Integrations
APPROVED

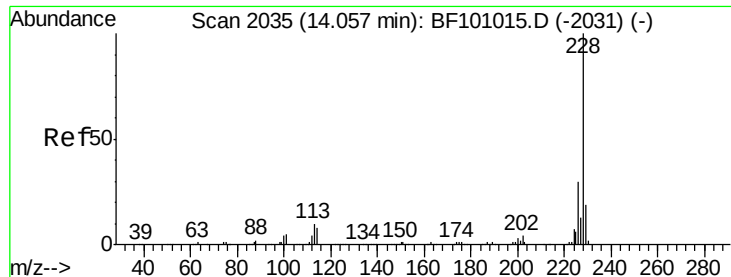
Sohil
12/12/2017 3:59:20 PM



#81
3,3'-Dichlorobenzidine
Concen: 39.569 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	50.4	75.6
126	12.0	11.3	16.9





#82

Chrysene

Concen: 38.178 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Instrument :

BNA_F

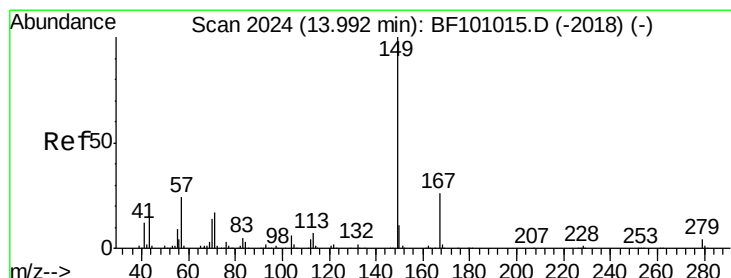
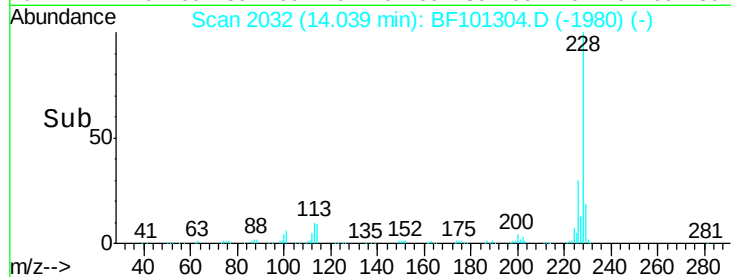
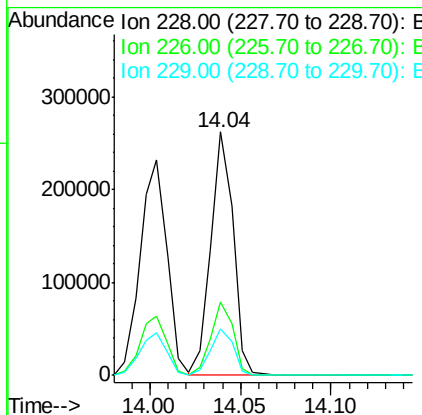
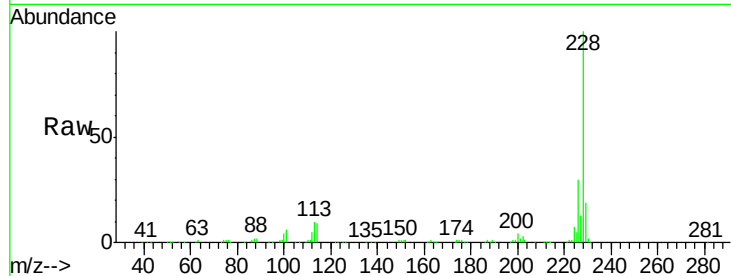
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	225112
Ion Ratio		Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.1	16.2	24.4

Manual Integrations
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12/12/2017 3:59:20 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 36.689 ng

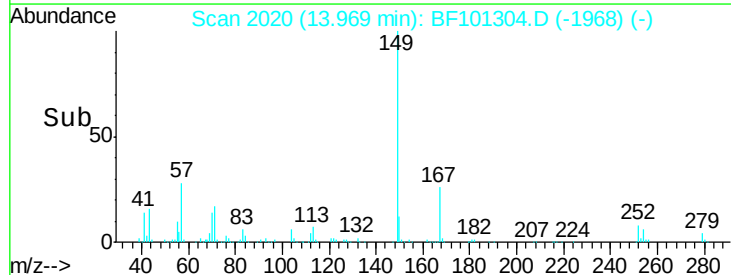
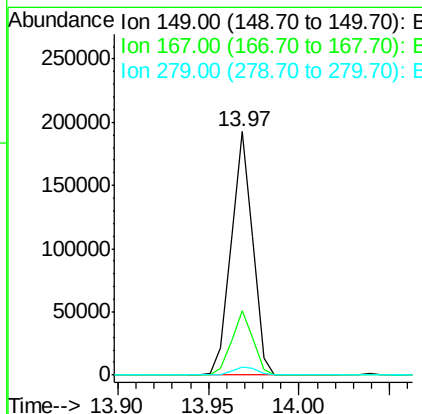
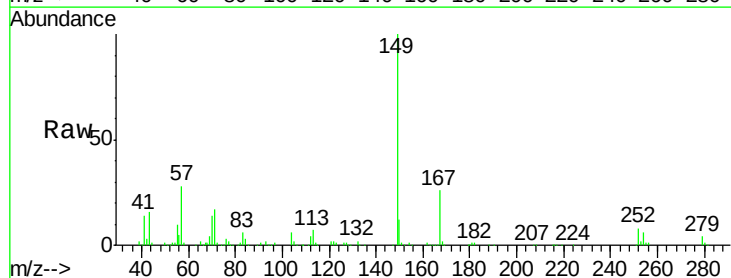
RT: 13.97 min Scan# 2020

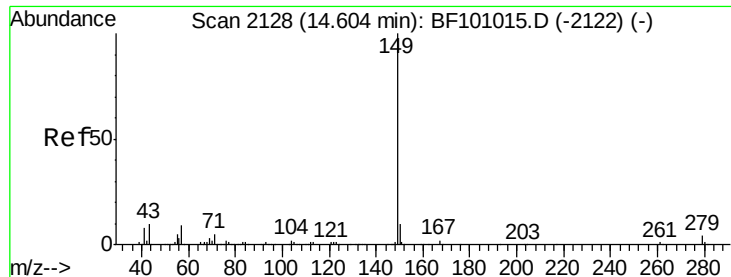
Delta R.T. 0.01 min

Lab File: BF101304.D

Acq: 11 Dec 2017 23:10

Tgt Ion:	149	Resp:	160032
Ion Ratio		Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.6	3.0	4.4





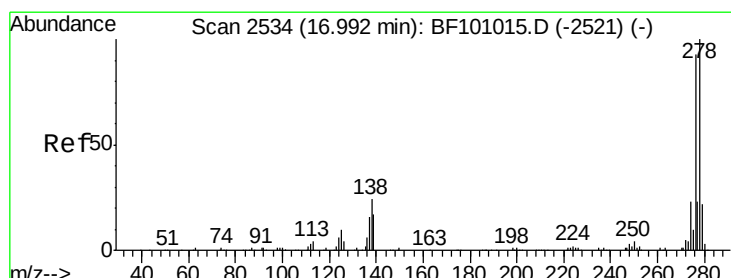
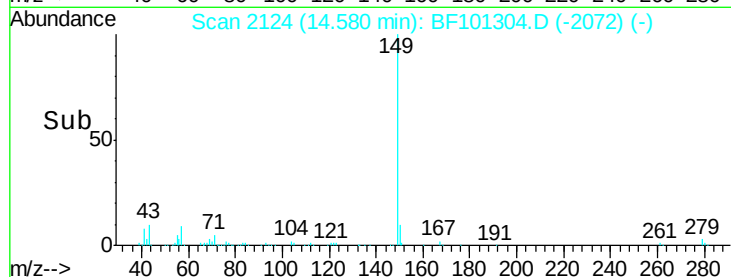
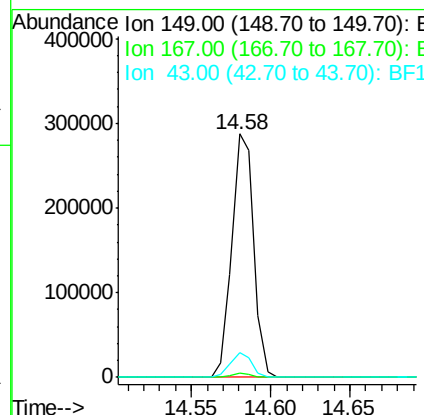
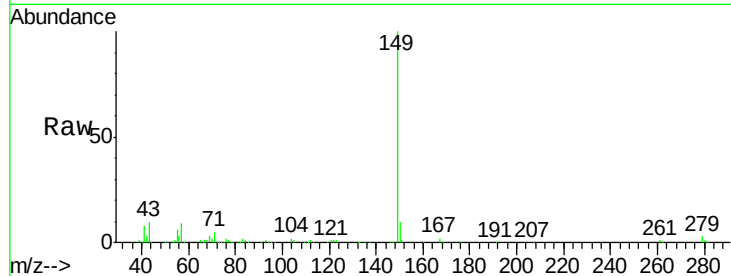
#84
Di-n-octyl phthalate
Concen: 37.808 ng
RT: 14.58 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	274585		
167	1.5		1.2	1.8
43	9.6		8.4	12.6

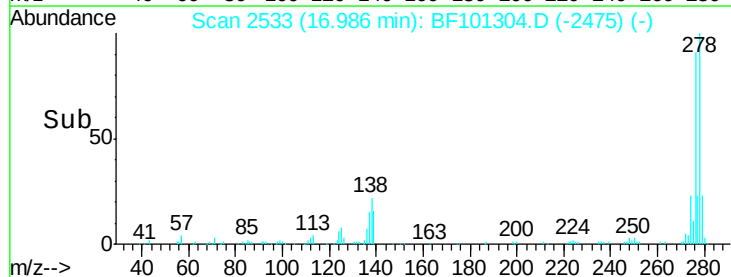
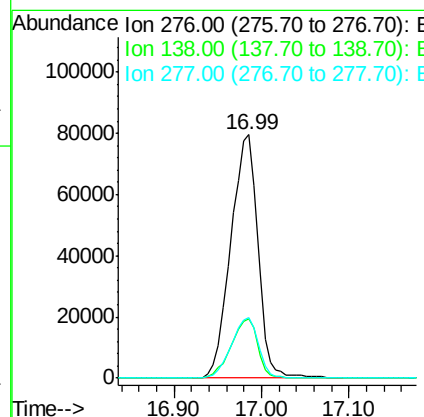
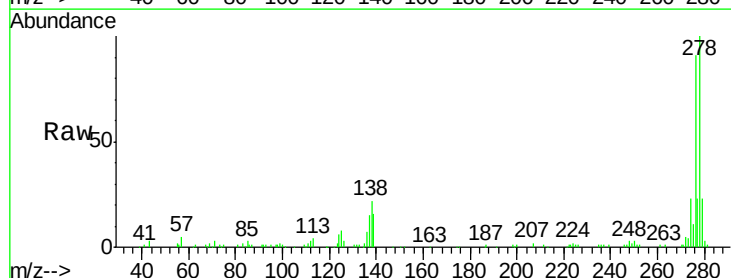
Manual Integrations
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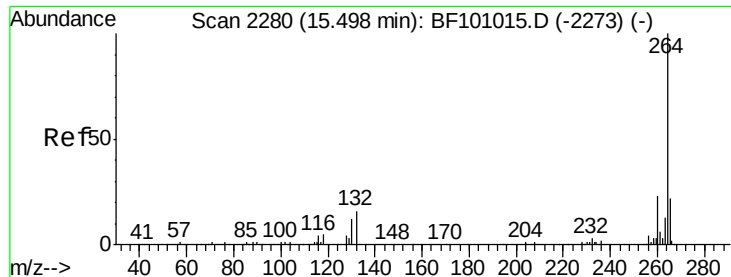
Sohil
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#85
Indeno(1,2,3-cd)pyrene
Concen: 32.118 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.04 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	168366		
138	23.9		25.0	37.6#
277	24.7		20.1	30.1





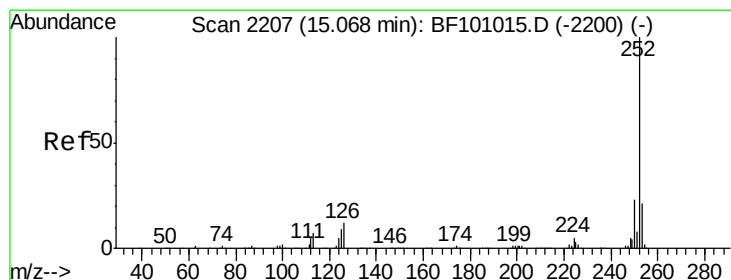
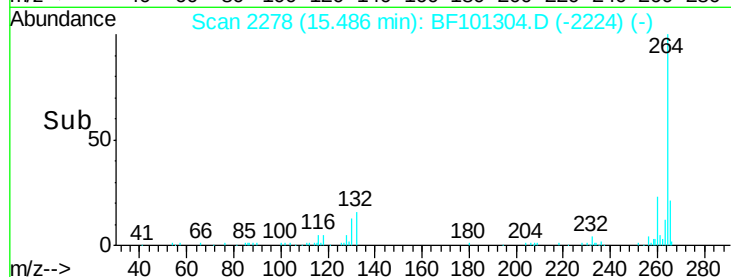
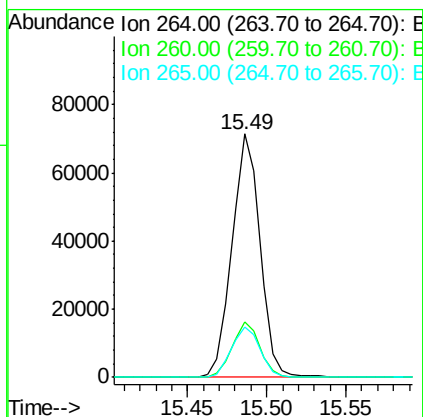
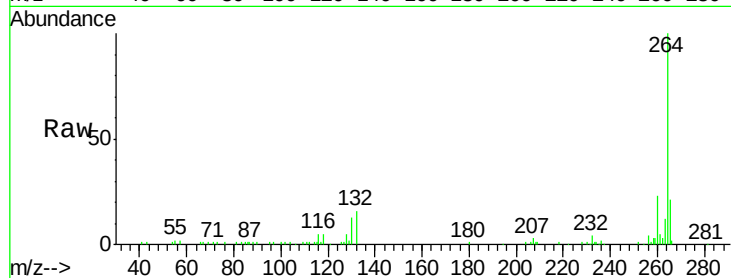
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.6	17.5	26.3

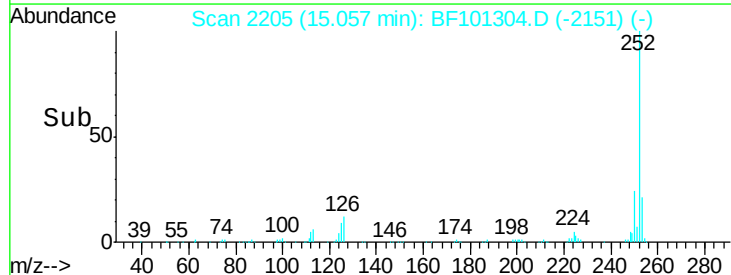
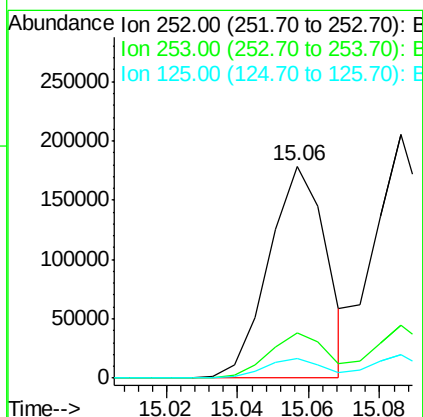
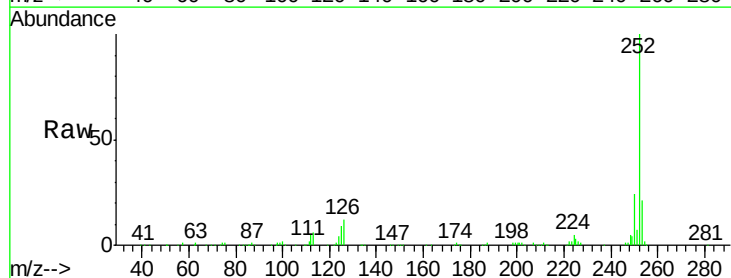
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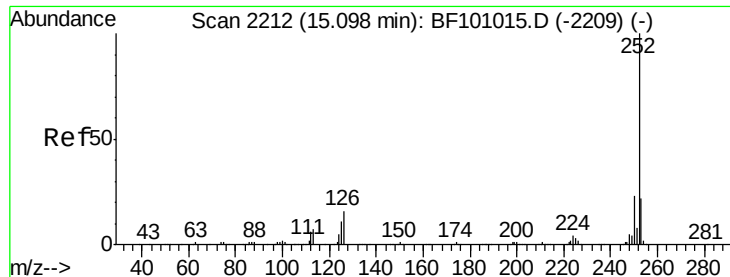
Sohil
12/12/2017 3:59:20 PM



#87
Benzo(b)fluoranthene
Concen: 38.720 ng m
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	9.0	9.0	13.6





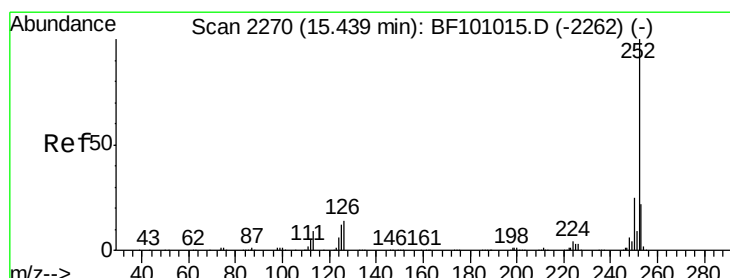
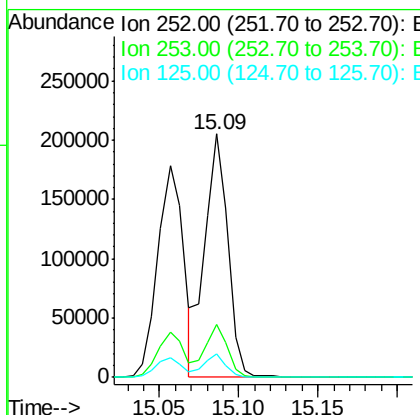
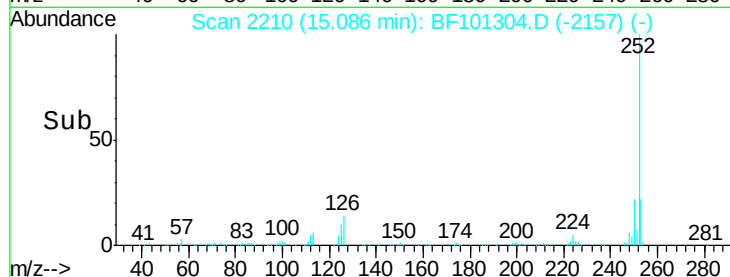
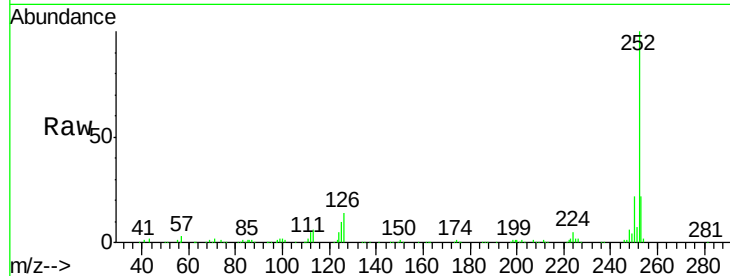
#88
Benzo(k)fluoranthene
Concen: 40.755 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	9.5	10.2	15.2

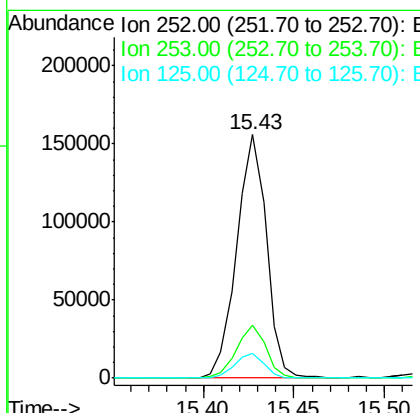
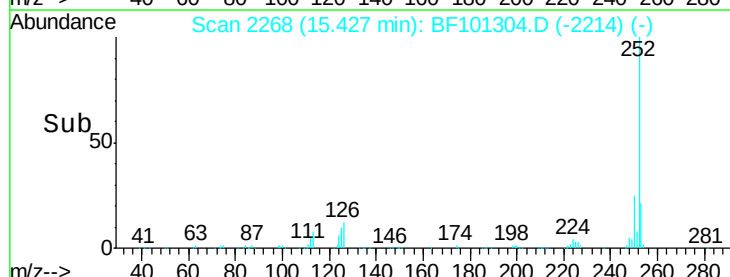
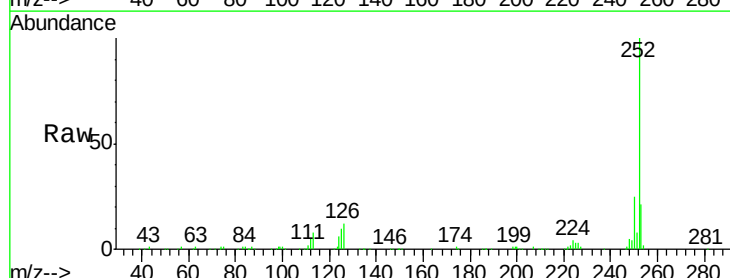
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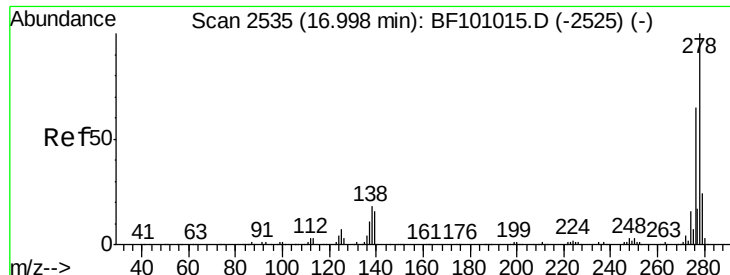
Sohil
12/12/2017 3:59:20 PM



#89
Benzo(a)pyrene
Concen: 37.721 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	10.2	9.8	14.6





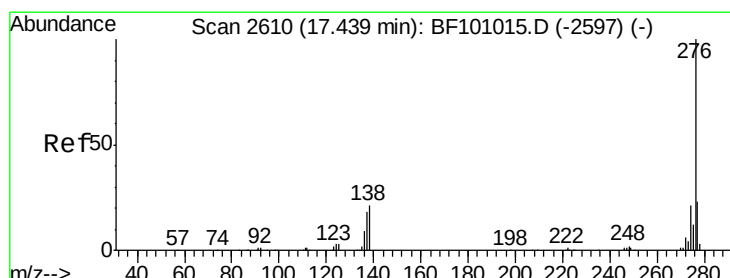
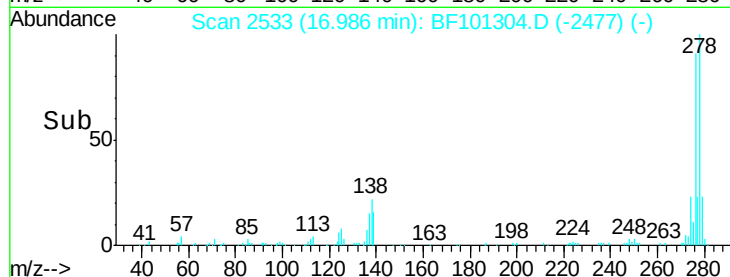
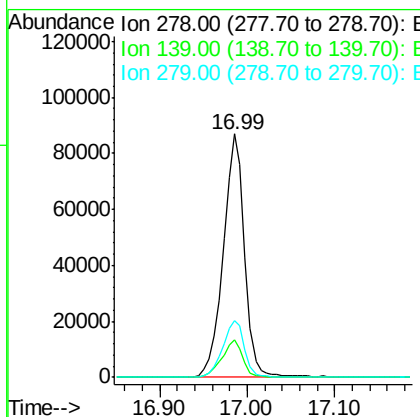
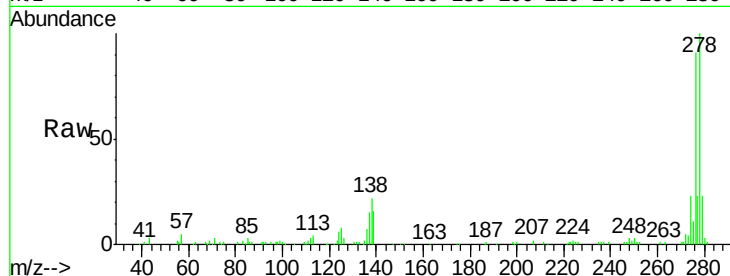
#90
Dibenzo(a,h)anthracene
Concen: 34.946 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.03 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	15.9	23.9#
279	23.3	19.0	28.4

Manual Integrations
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Sohil
12/12/2017 3:59:20 PM



#91
Benzo(g,h,i)perylene
Concen: 32.988 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.04 min
Lab File: BF101304.D
Acq: 11 Dec 2017 23:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	19.9	21.8	32.8#

