

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013018\
 Data File : BF102632.D
 Acq On : 30 Jan 2018 11:53
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/31/2018 2:00:09 PM

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Quant Time: Jan 30 22:26:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	171901	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	722432	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	323016	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	557094	20.00	ng	0.00
75) Chrysene-d12	13.88	240	397816	20.00	ng	0.00
86) Perylene-d12	15.30	264	322700	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	932936	82.29	ng	0.00
7) Phenol-d6	6.37	99	1082140	79.17	ng	0.00
23) Nitrobenzene-d5	7.29	82	980918	78.03	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	215630	67.37	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1619868	73.74	ng	0.00
78) Terphenyl-d14	12.82	244	1337939	75.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	243059	45.123	ng	97
3) Pyridine	3.08	79	611861	43.466	ng	96
4) n-Nitrosodimethylamine	3.06	42	238573	43.230	ng	96
6) Aniline	6.38	93	690124	38.174	ng	# 30
8) 2-Chlorophenol	6.50	128	480609	40.441	ng	98
9) Benzaldehyde	6.27	77	296493	38.632	ng	94
10) Phenol	6.38	94	569037	38.135	ng	# 61
11) bis(2-Chloroethyl)ether	6.46	93	468116	41.247	ng	98
12) 1,3-Dichlorobenzene	6.65	146	551630	39.028	ng	100
13) 1,4-Dichlorobenzene	6.73	146	553080	39.064	ng	98
14) 1,2-Dichlorobenzene	6.89	146	501281	38.707	ng	97
15) Benzyl Alcohol	6.87	79	355709	36.885	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	708096	37.201	ng	67
17) 2-Methylphenol	6.99	107	403533	39.097	ng	# 90
18) Hexachloroethane	7.22	117	196754	39.879	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	323251	38.646	ng	98
20) 3+4-Methylphenols	7.14	107	507912	41.841	ng	# 88
22) Acetophenone	7.13	105	667866	38.781	ng	# 94
24) Nitrobenzene	7.30	77	510646	39.692	ng	100
25) Isophorone	7.55	82	878308	39.190	ng	98
26) 2-Nitrophenol	7.62	139	269715	39.834	ng	92
27) 2,4-Dimethylphenol	7.66	122	381497	38.802	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	546608	39.482	ng	98
29) 2,4-Dichlorophenol	7.86	162	392079	39.149	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	409841	38.176	ng	98
31) Naphthalene	8.02	128	1362760	37.781	ng	100
32) Benzoic acid	7.82	122	251067	30.479	ng	94
33) 4-Chloroaniline	8.07	127	600991	39.623	ng	100
34) Hexachlorobutadiene	8.13	225	217910	38.004	ng	98
35) Caprolactam	8.46	113	143786m	43.472	ng	
36) 4-Chloro-3-methylphenol	8.57	107	413795	39.198	ng	100
37) 2-Methylnaphthalene	8.71	142	903577	37.615	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	371441	38.221	ng	100
40) Hexachlorocyclopentadiene	8.86	237	194487	44.718	ng	97

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 SSTDC0040

Manual Integrations
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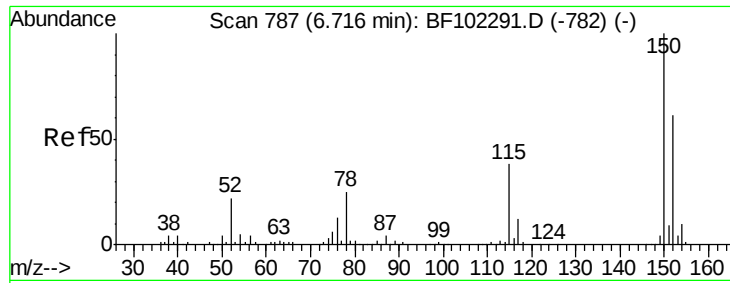
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	240415	36.955	nq	98
43) 2,4,5-Trichlorophenol	9.05	196	268610	36.671	nq	97
45) 1,1'-Biphenyl	9.17	154	1090233	37.747	nq	99
46) 2-Chloronaphthalene	9.20	162	846525	37.707	nq	97
47) 2-Nitroaniline	9.31	65	285083	40.731	nq	98
48) Acenaphthylene	9.62	152	1262100	36.085	nq	99
49) Dimethylphthalate	9.47	163	992006	37.155	nq	99
50) 2,6-Dinitrotoluene	9.55	165	215751	37.480	nq	94
51) Acenaphthene	9.79	154	749126	36.673	nq	99
52) 3-Nitroaniline	9.72	138	267084	39.221	nq	98
53) 2,4-Dinitrophenol	9.84	184	132504	52.629	nq	# 21
54) Dibenzofuran	9.96	168	1032606	37.352	nq	97
55) 4-Nitrophenol	9.90	139	212380	47.247	nq	96
56) 2,4-Dinitrotoluene	9.96	165	258660	36.540	nq	# 82
57) Fluorene	10.30	166	857449	39.142	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	193455	36.990	nq	95
59) Diethylphthalate	10.17	149	952819	36.724	nq	98
60) 4-Chlorophenyl-phenylether	10.29	204	367884	38.734	nq	97
61) 4-Nitroaniline	10.34	138	247471	36.419	nq	91
62) Azobenzene	10.45	77	903868	38.051	nq	98
64) 4,6-Dinitro-2-methylphenol	10.37	198	129653	34.884	nq	96
65) n-Nitrosodiphenylamine	10.42	169	768162	37.568	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	227195	37.884	nq	94
67) Hexachlorobenzene	10.85	284	237325	35.385	nq	99
68) Atrazine	10.95	200	222403	36.827	nq	99
69) Pentachlorophenol	11.05	266	162840	46.218	nq	98
70) Phenanthrene	11.26	178	1199905	36.962	nq	99
71) Anthracene	11.32	178	1216792	36.723	nq	100
72) Carbazole	11.47	167	1215534	37.603	nq	99
73) Di-n-butylphthalate	11.79	149	1473170	36.459	nq	99
74) Fluoranthene	12.45	202	1196183	36.134	nq	100
76) Benzidine	12.58	184	668214	50.001	nq	98
77) Pyrene	12.68	202	1217352	39.579	nq	99
79) Butylbenzylphthalate	13.29	149	613451	40.077	nq	99
80) Benzo(a)anthracene	13.87	228	973247	39.737	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	336094	37.408	nq	99
82) Chrysene	13.91	228	936218	37.642	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	796980	38.744	nq	# 99
84) Di-n-octyl phthalate	14.46	149	1214269	36.298	nq	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	695281	33.849	nq	97
87) Benzo(b)fluoranthene	14.90	252	853197	40.792	nq	97
88) Benzo(k)fluoranthene	14.93	252	736129	37.252	nq	100
89) Benzo(a)pyrene	15.25	252	723546	38.356	nq	97
90) Dibenzo(a,h)anthracene	16.72	278	573661	37.542	nq	96
91) Benzo(g,h,i)perylene	17.14	276	600972	39.831	nq	98

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



#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

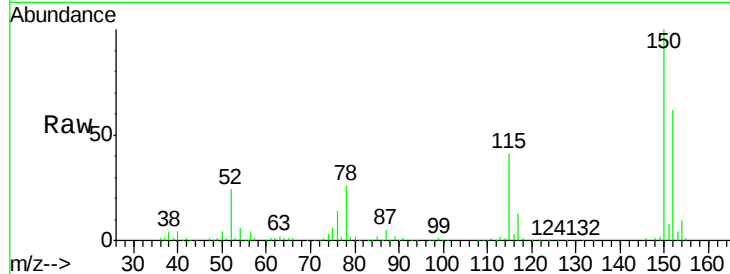
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	65.9	50.1	75.1

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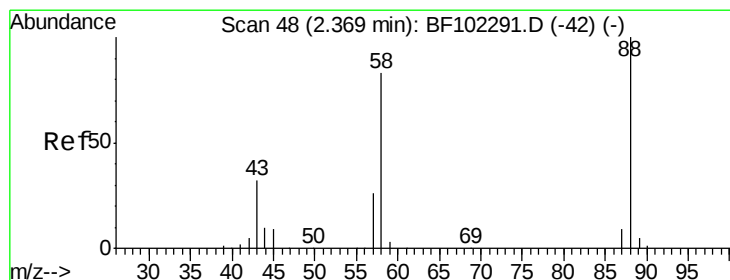
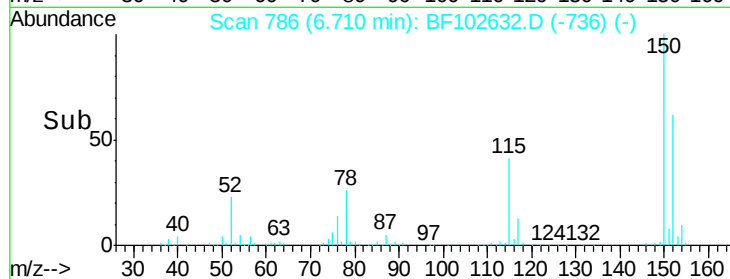
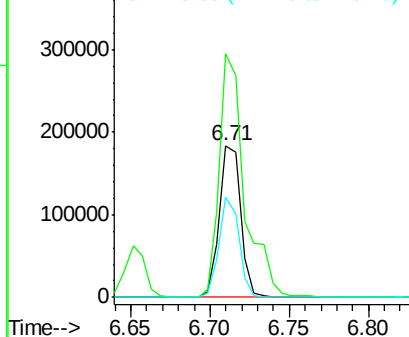


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

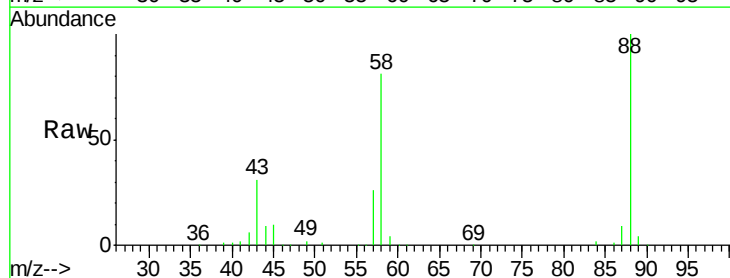
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 45.123 ng
 RT: 2.37 min Scan# 48
 Delta R.T. 0.01 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	62.6	93.8
43	30.9	24.6	37.0

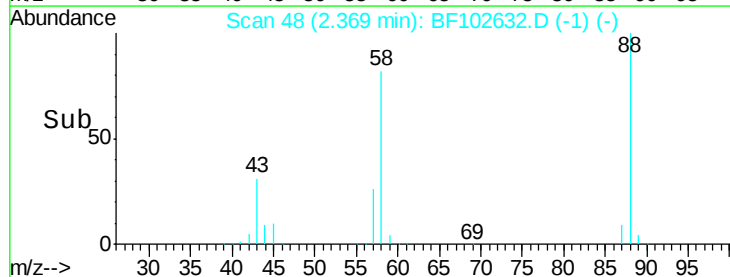
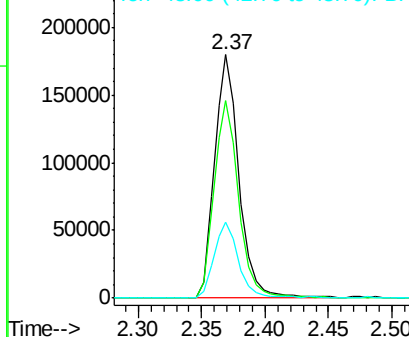


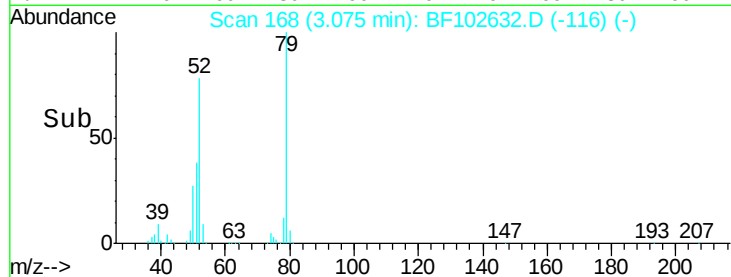
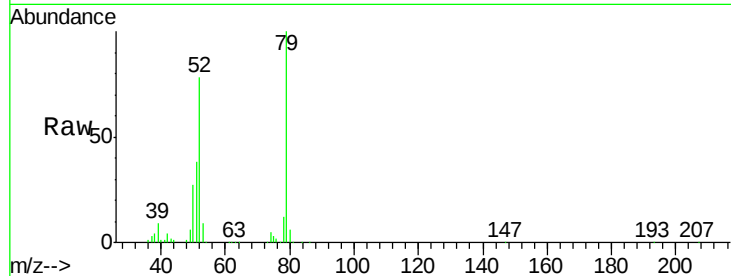
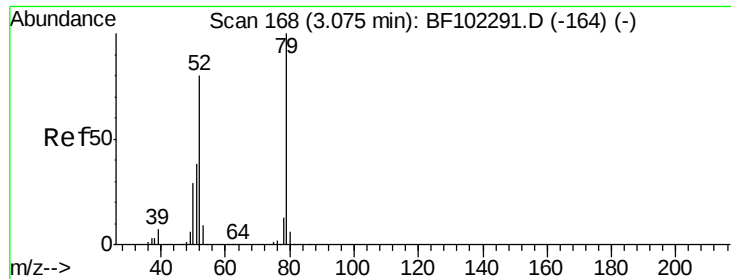
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 43.466 ng

RT: 3.08 min Scan# 168

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Tot Ion:	79	Resp:	611861
Ion Ratio	Lower	Upper	
79	100		
52	78.4	59.8	89.6
51	38.5	29.8	44.8

Instrument :

BNA_F

ClientSampleId :

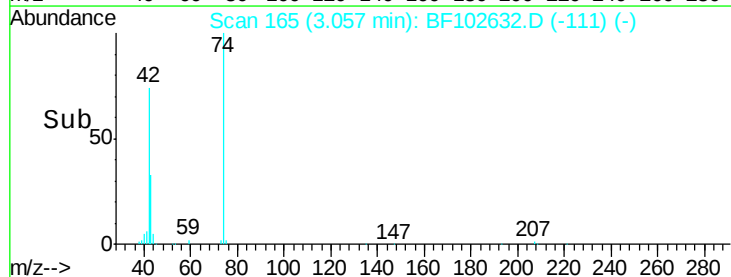
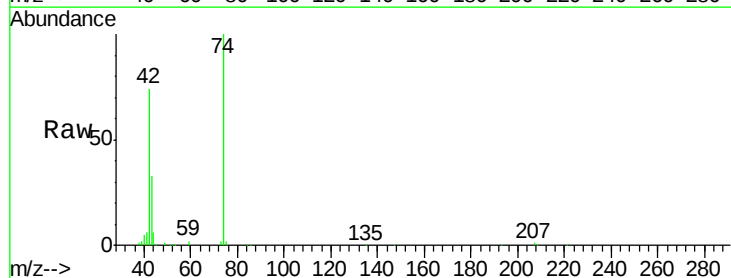
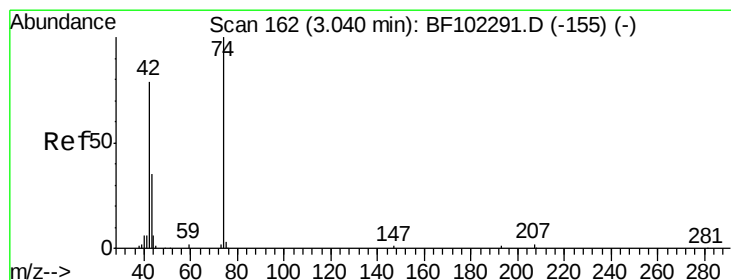
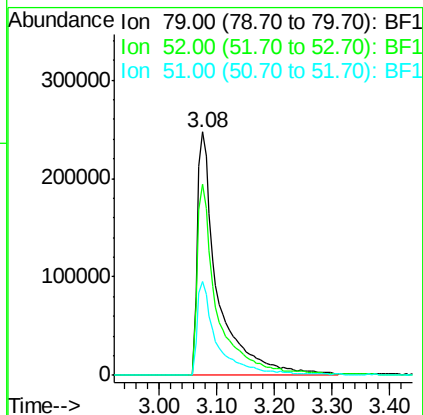
SSTDCCC040

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#4

n-Nitrosodimethylamine

Concen: 43.230 ng

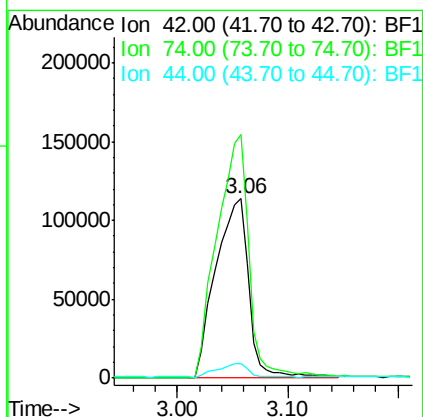
RT: 3.06 min Scan# 165

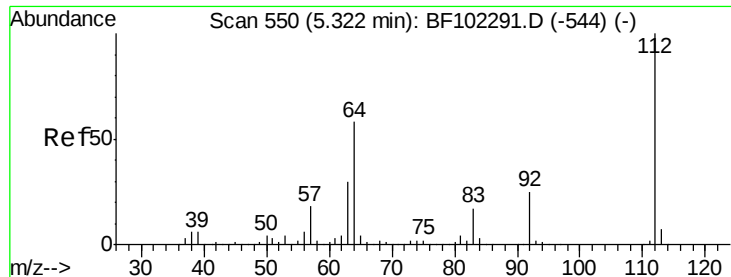
Delta R.T. 0.02 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Tgt Ion:	42	Resp:	238573
Ion Ratio	Lower	Upper	
42	100		
74	135.6	104.9	157.3
44	8.0	6.9	10.3





#5
2-Fluorophenol
Concen: 82.290 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

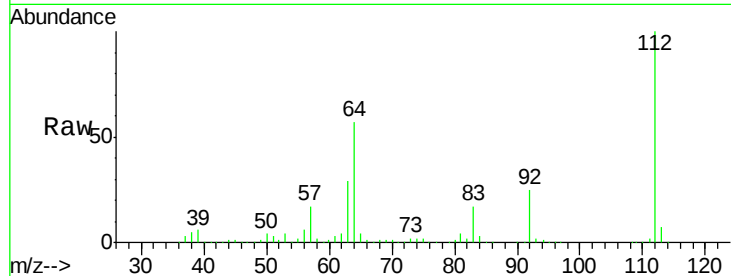
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		932936		
64	56.7	47.9	71.9		
63	28.8	23.7	35.5		

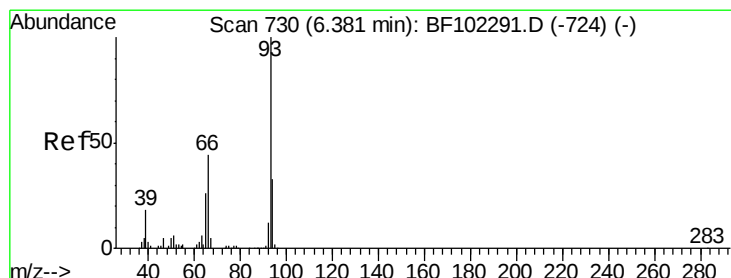
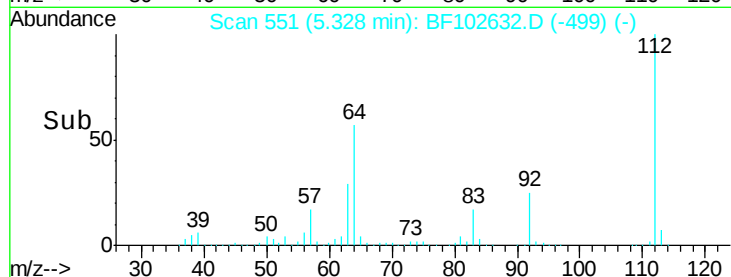
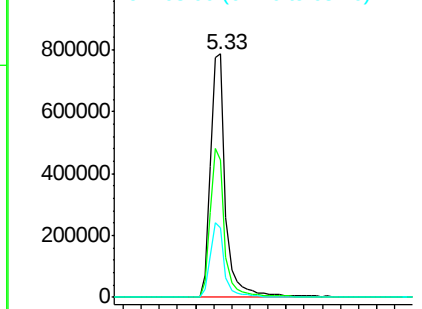
Manual Integrations
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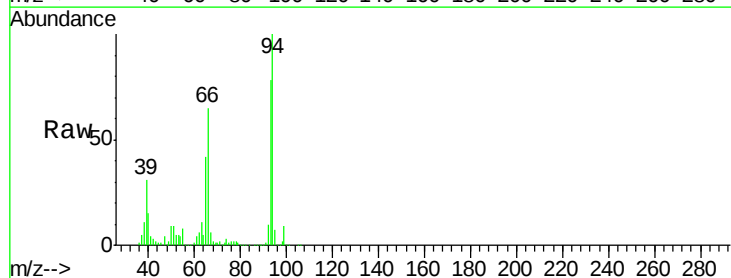


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

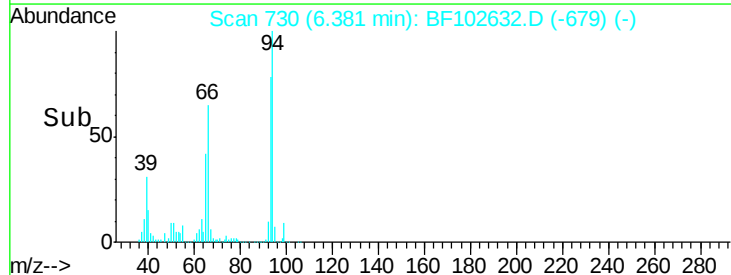
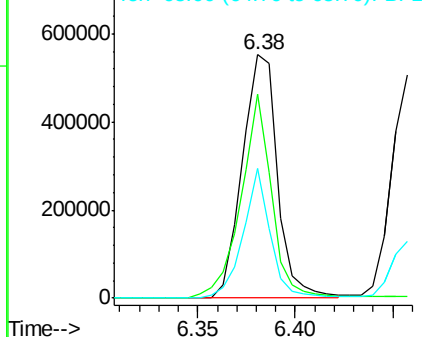


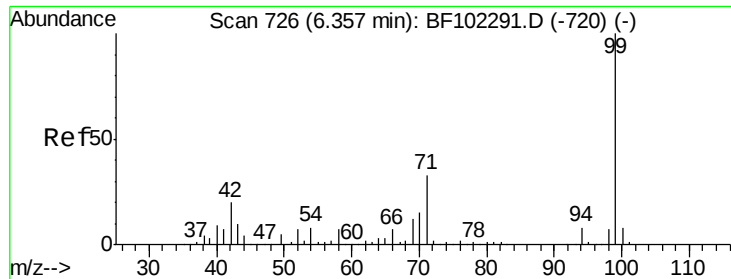
#6
Aniline
Concen: 38.174 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		690124		
66	83.5	32.2	48.2#		
65	53.1	16.4	24.6#		



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





#7

Phenol-d6

Concen: 79.173 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1082140

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 32.9 25.4 38.0

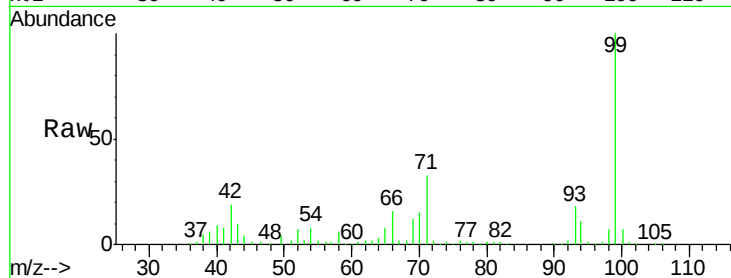
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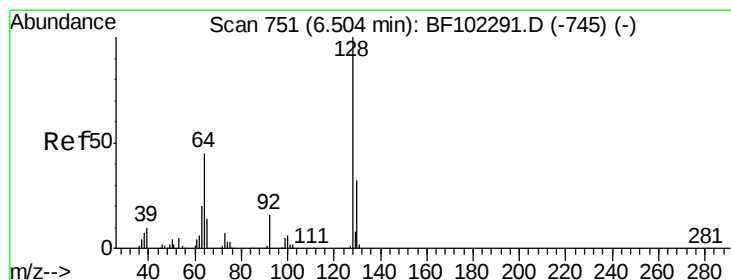
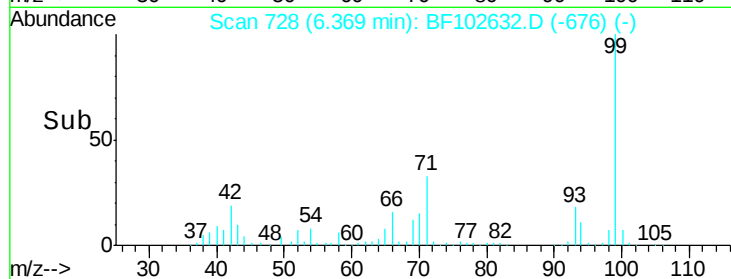
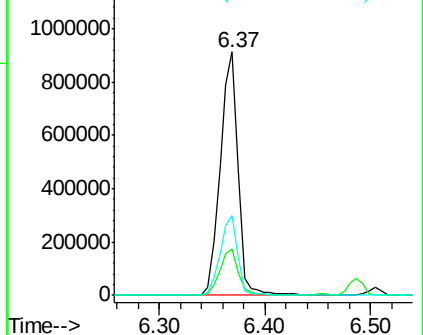
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.441 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

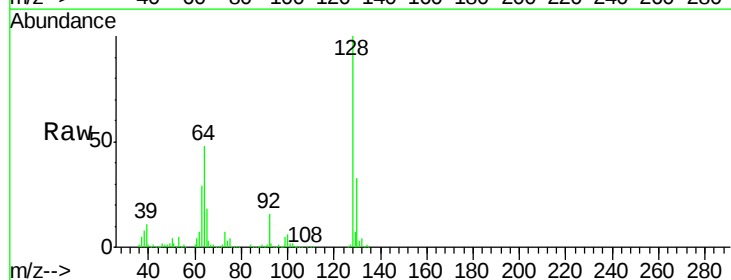
Tgt Ion: 128 Resp: 480609

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

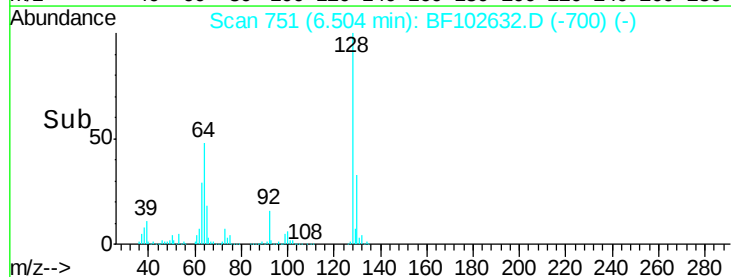
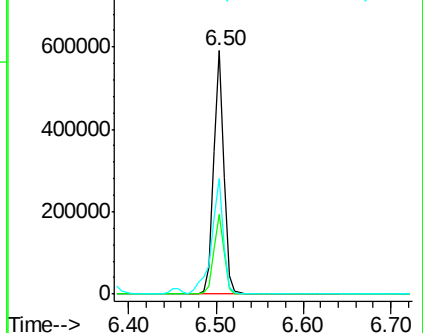
64 47.7 29.4 69.4

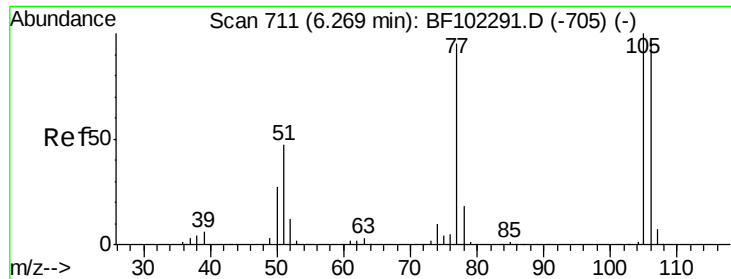


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.632 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

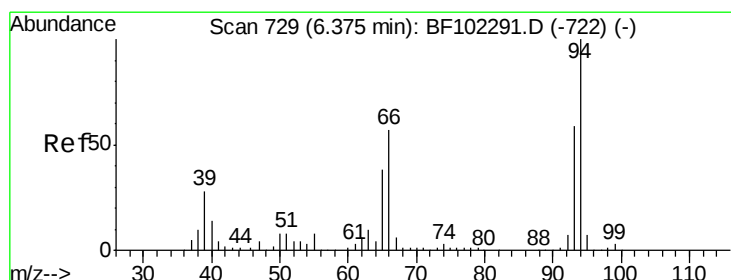
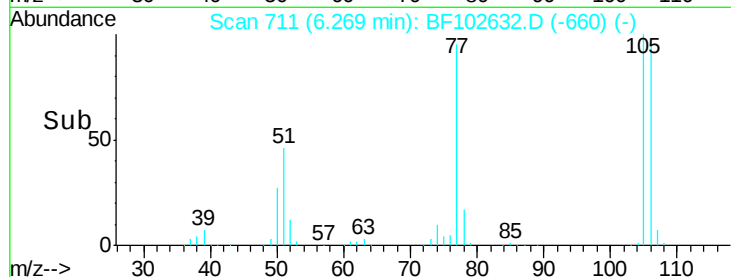
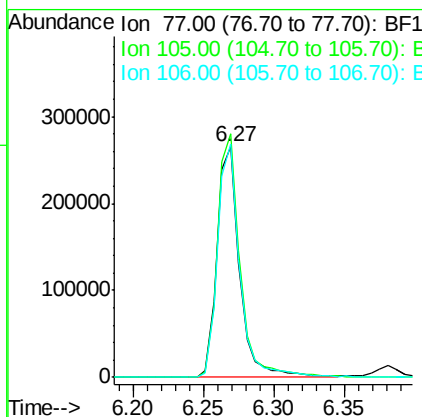
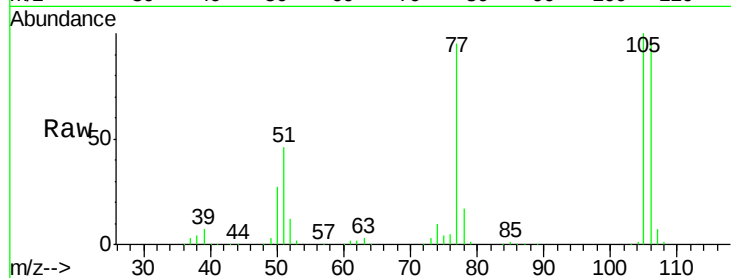
Tot Ion:	77	Resp:	296493
Ion Ratio	Lower	Upper	
77	100		
105	105.6	81.1	121.1
106	101.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.135 ng

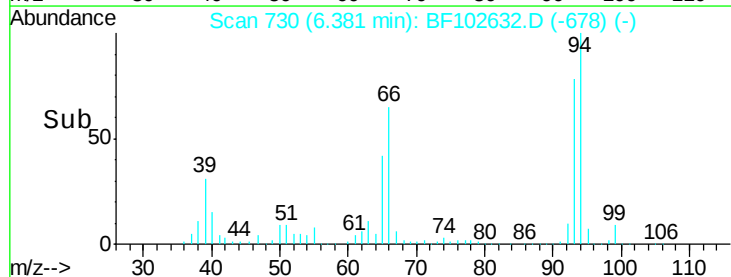
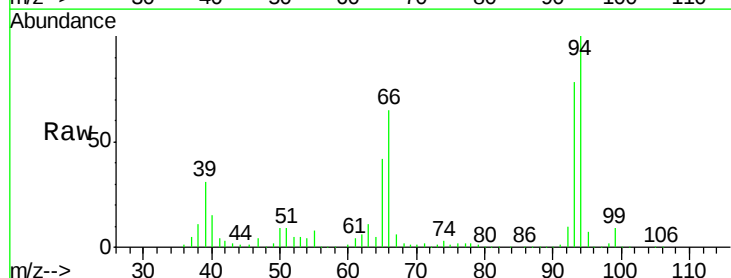
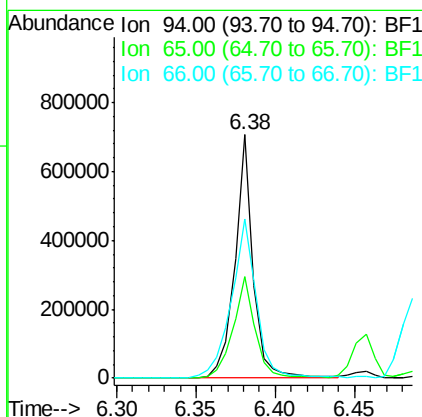
RT: 6.38 min Scan# 730

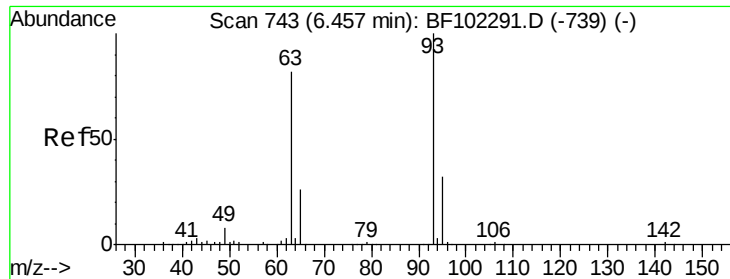
Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Tgt Ion:	94	Resp:	569037
Ion Ratio	Lower	Upper	
94	100		
65	41.5	7.9	47.9
66	65.3	16.2	56.2





#11
bis(2-Chloroethyl)ether
Concen: 41.247 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

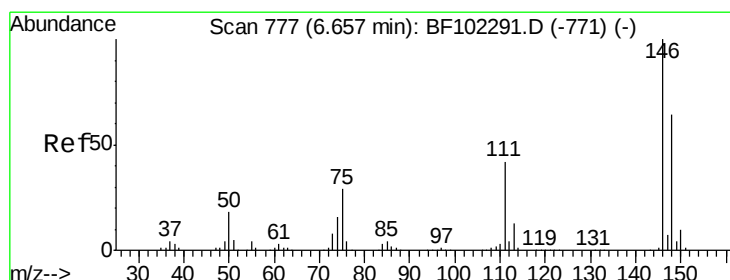
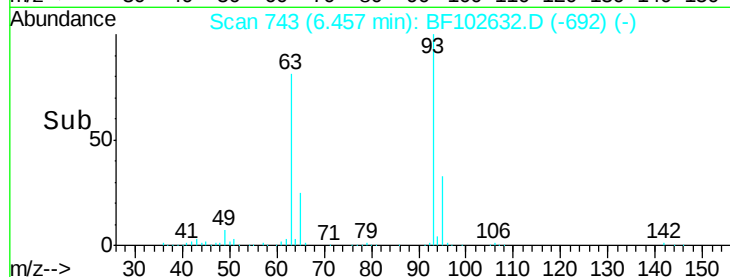
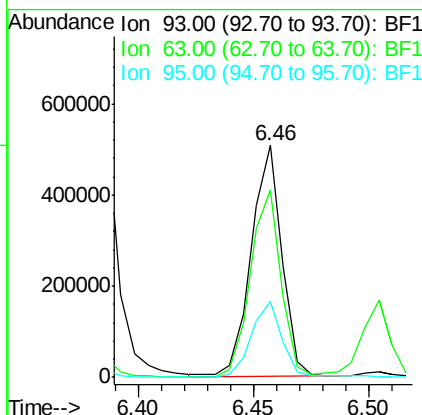
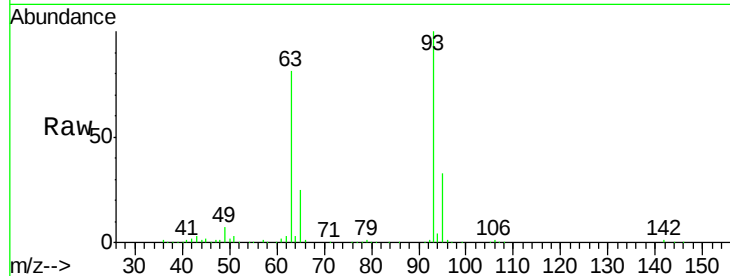
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	58.6	98.6
95	32.8	11.8	51.8

Manual Integrations
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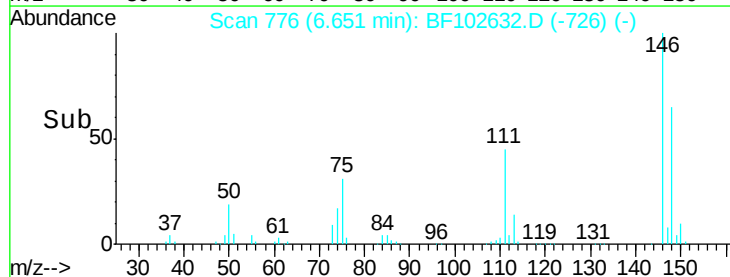
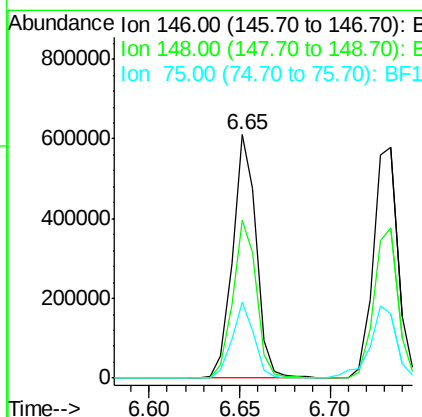
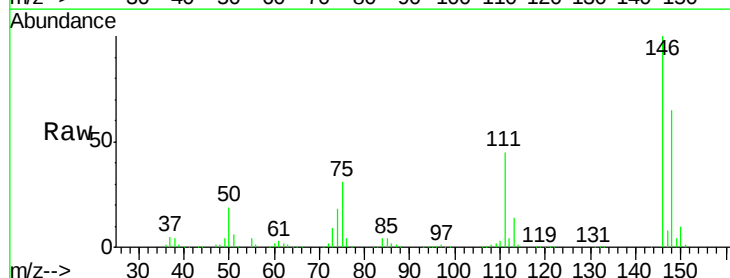
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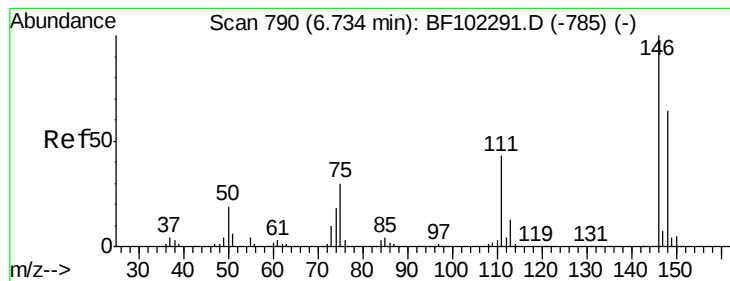
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#12
1,3-Dichlorobenzene
Concen: 39.028 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
75	31.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.064 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

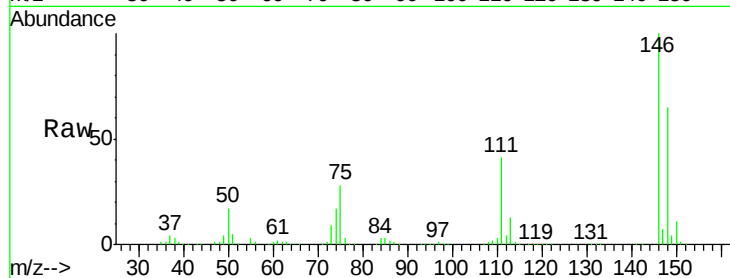
Tot Ion:	146	Resp:	553080
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.8	76.2
111	41.0	34.2	51.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

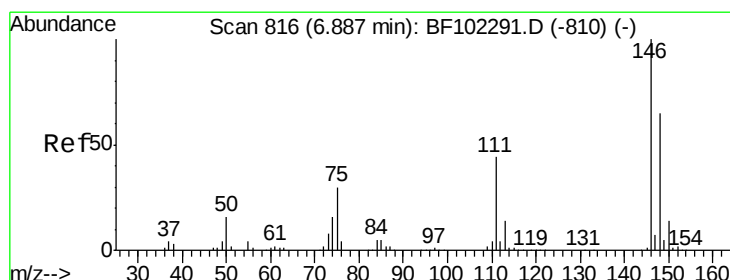
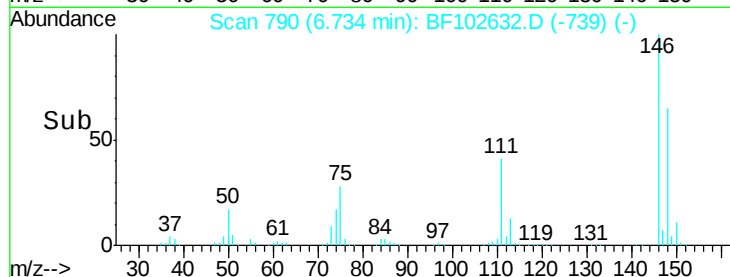
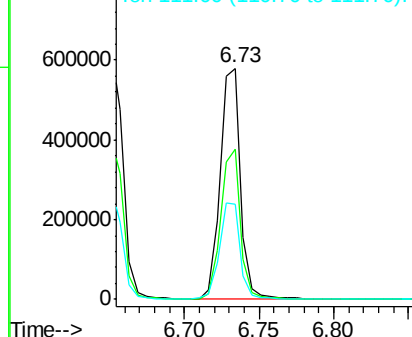
Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.707 ng

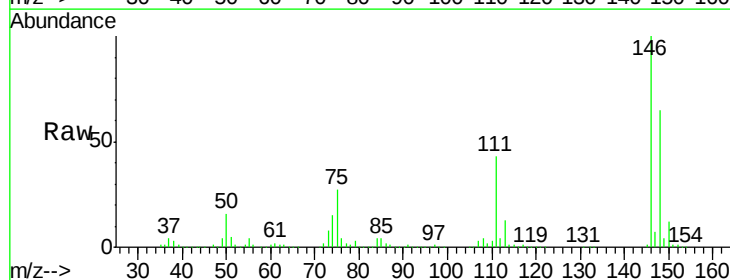
RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

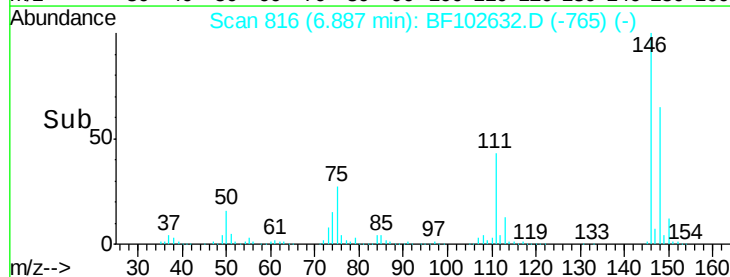
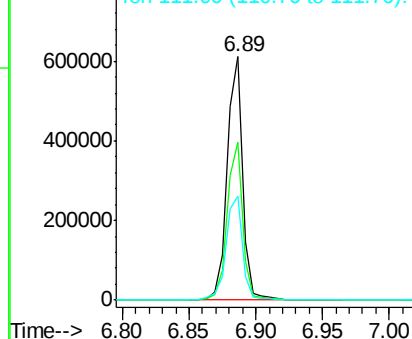
Lab File: BF102632.D

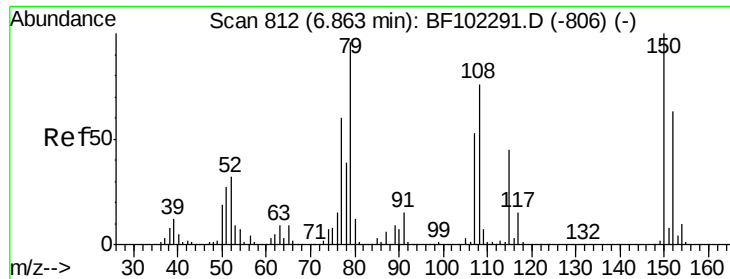
Acq: 30 Jan 2018 11:53

Tgt Ion:	146	Resp:	501281
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.6	75.8
111	42.6	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15
Benzyl Alcohol
Concen: 36.885 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

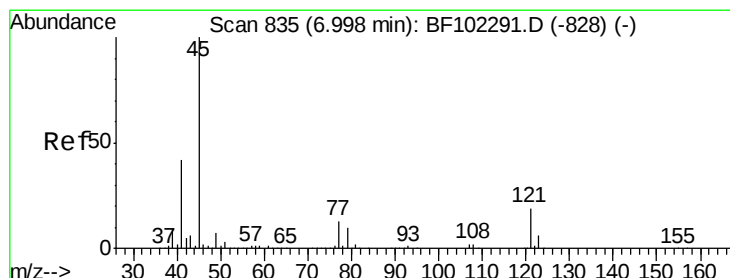
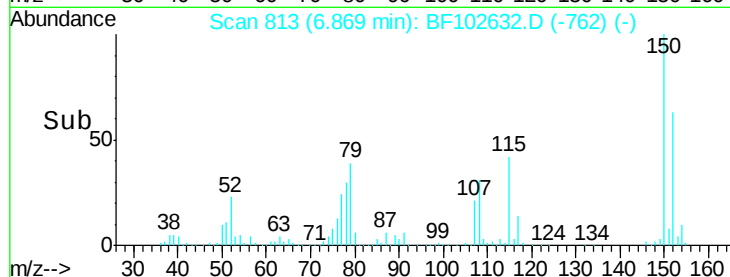
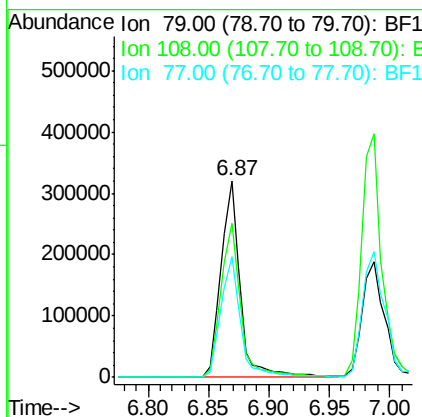
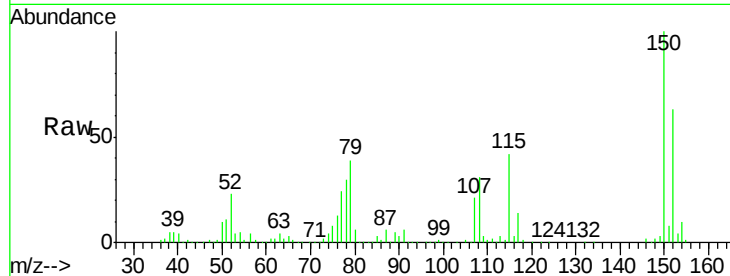
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	78.2	65.1	97.7	
77	61.8	50.6	75.8	

Manual Integrations
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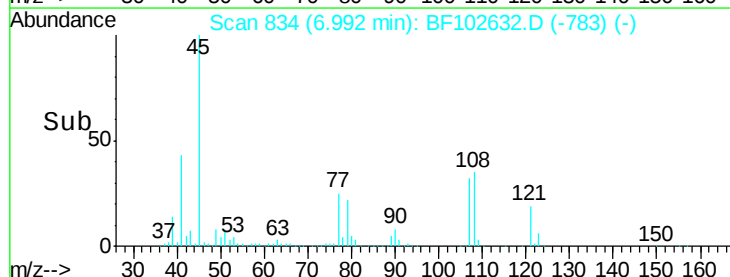
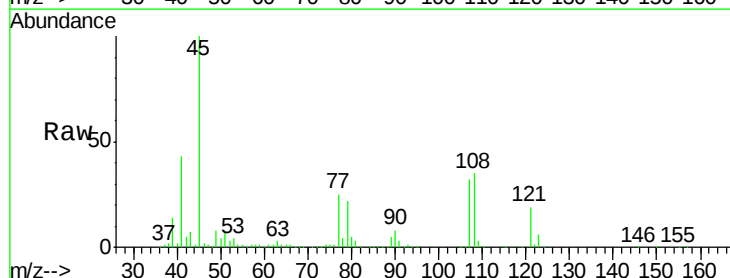
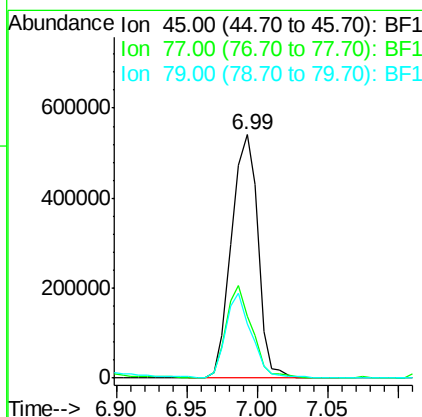
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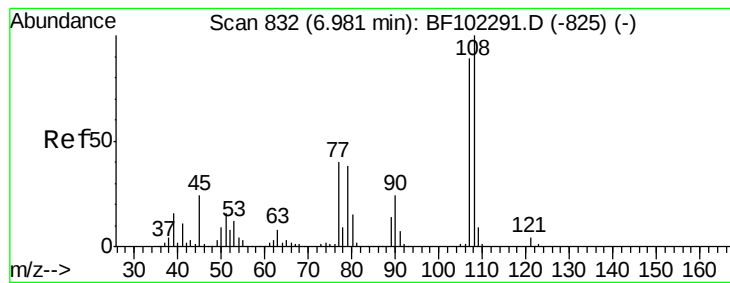
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.201 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	25.4	0.0	32.9	
79	22.4	0.0	29.6	





#17
2-Methylphenol
Concen: 39.097 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

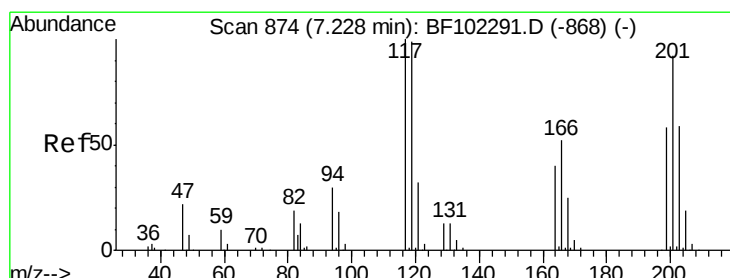
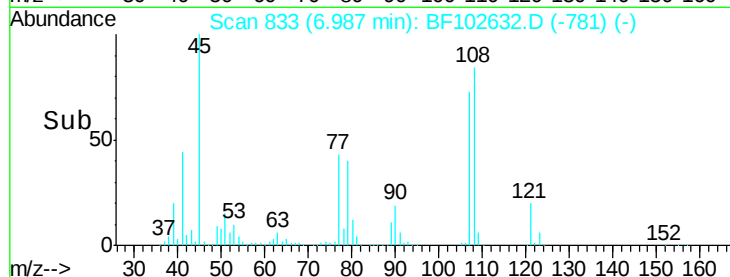
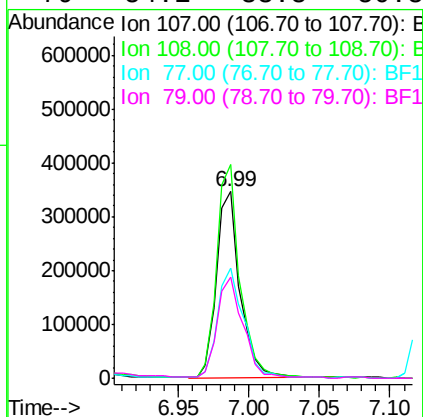
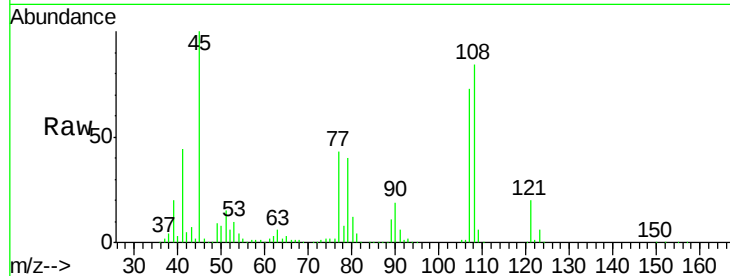
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.7	137.5
77	59.2	33.8	50.8#
79	54.1	33.8	50.8#

Manual Integrations
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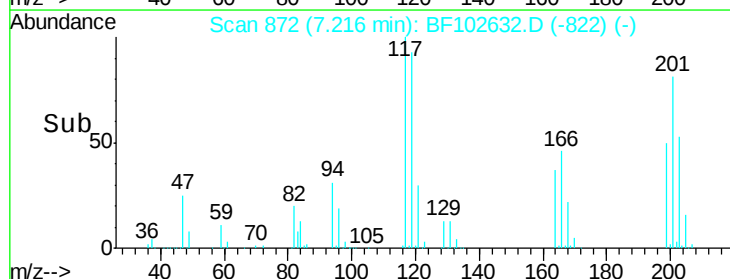
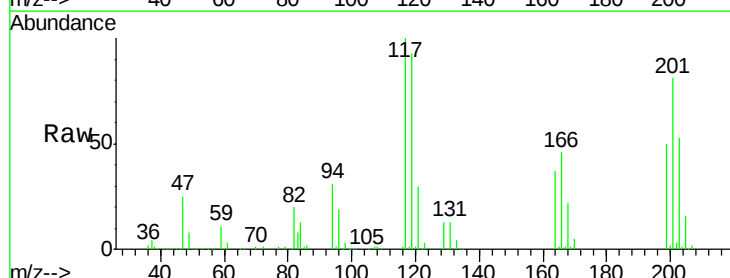
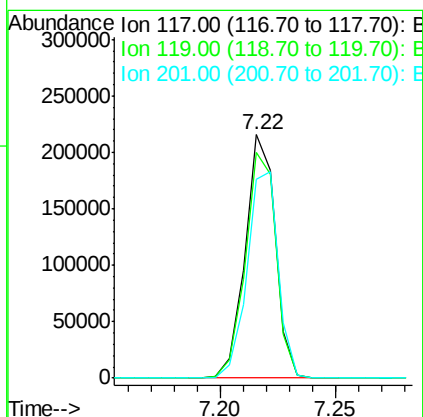
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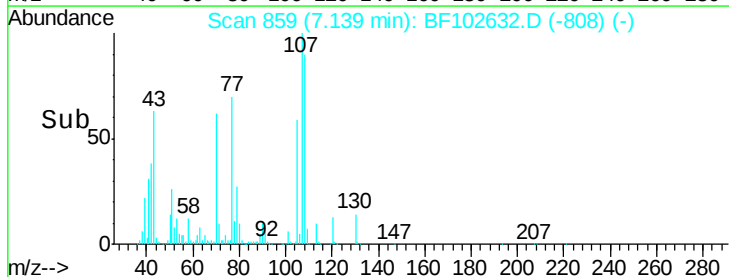
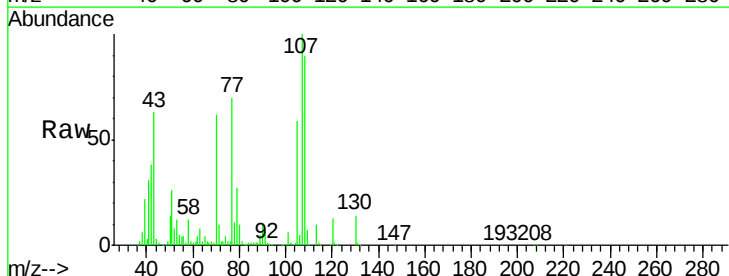
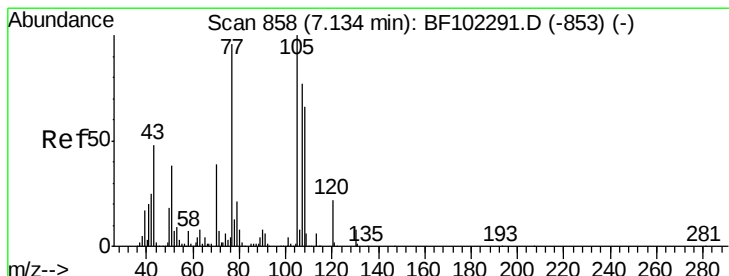
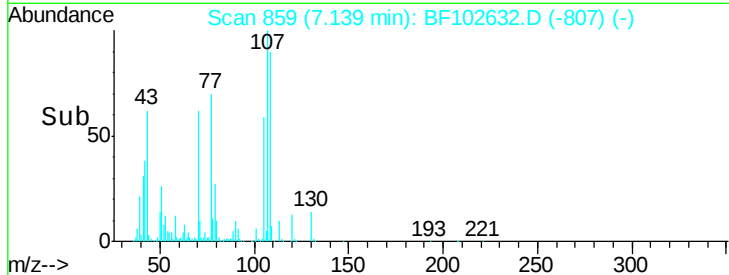
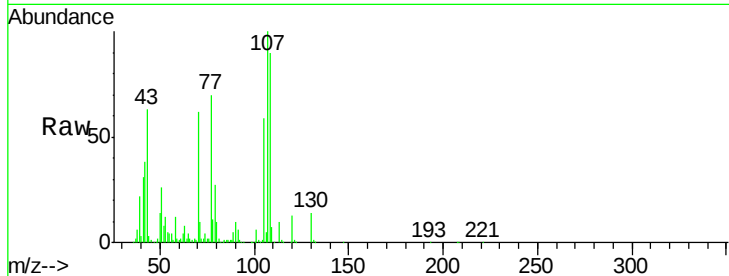
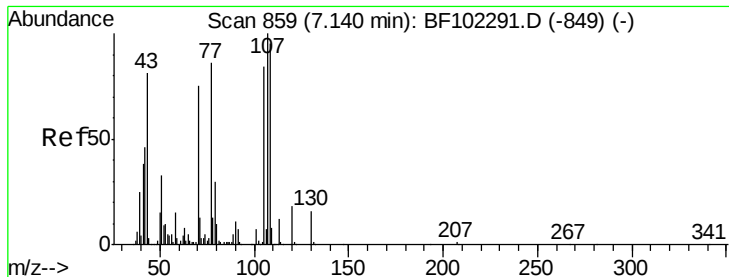
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#18
Hexachloroethane
Concen: 39.879 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

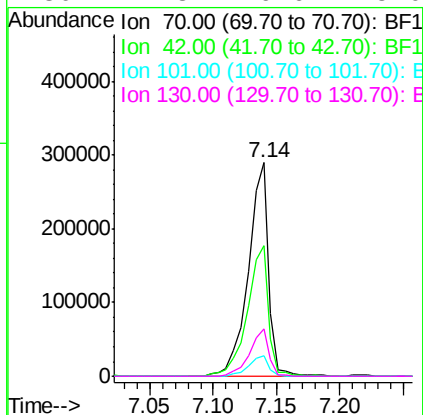
Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.8	113.8
201	81.5	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 38.646 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.5	71.3
101	9.6	7.4	11.2
130	22.3	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

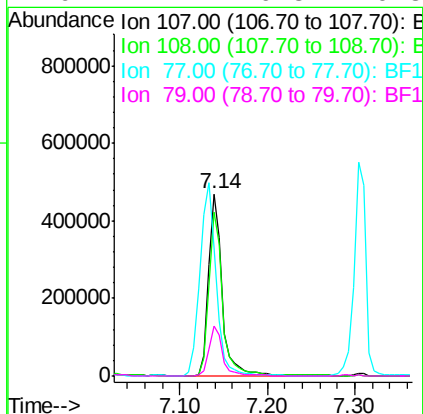
Manual Integrations
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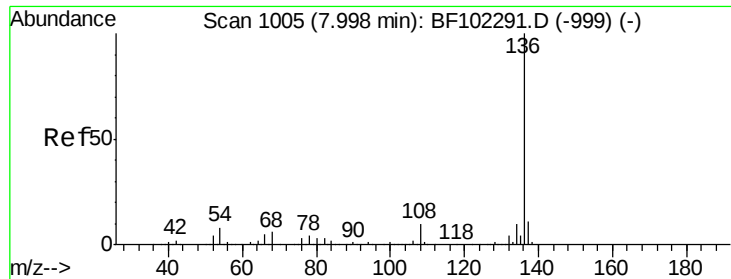
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#20
3+4-Methylphenols
Concen: 41.841 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	70.4	26.7	66.7#
79	27.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

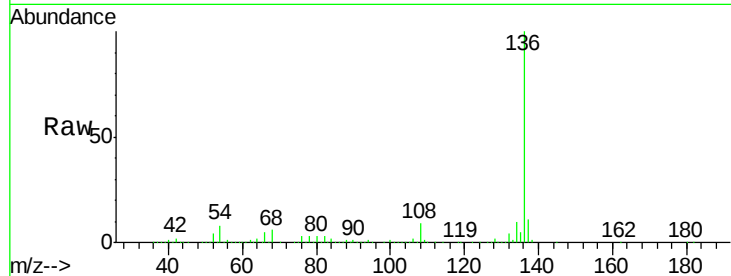
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	9.8
68	5.6	5.0	7.4

Manual Integrations
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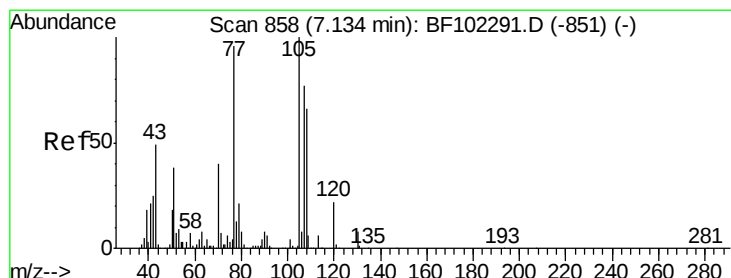
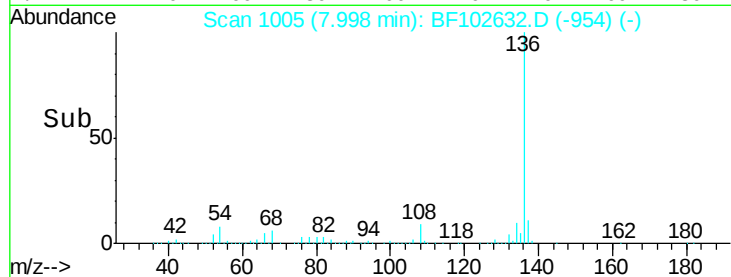
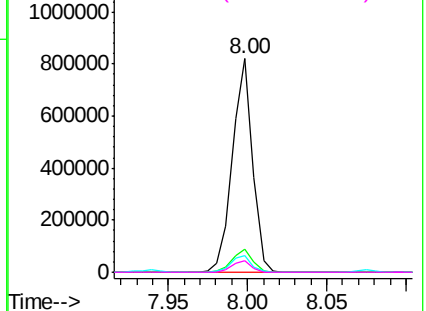


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.781 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

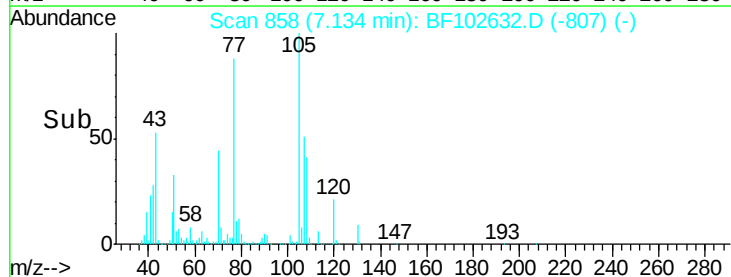
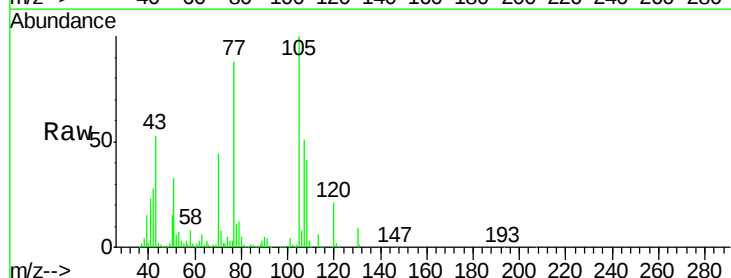
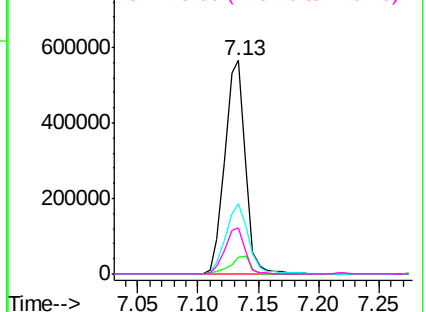
Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	33.1	22.3	33.5
120	21.5	16.9	25.3

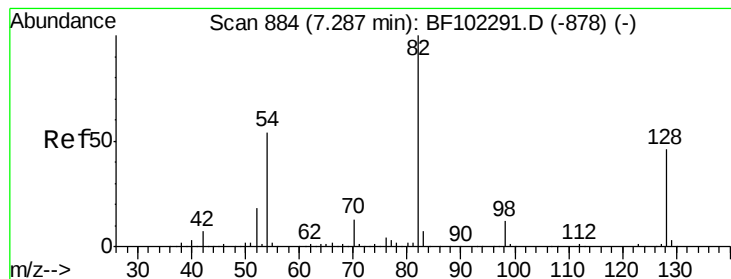
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.029 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampled :

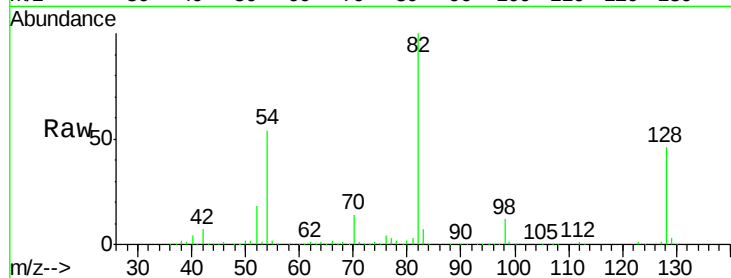
SSTDCCC040

Tot Ion:	82	Resp:	980918
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.1	54.1
54	53.9	41.4	62.2

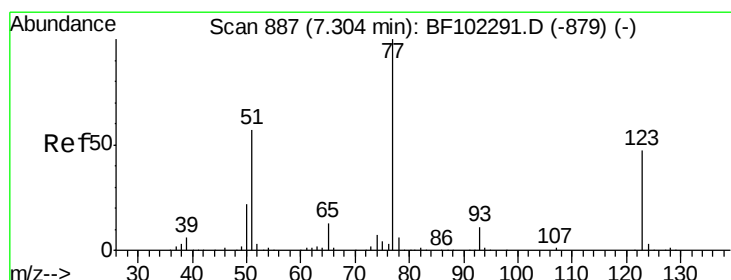
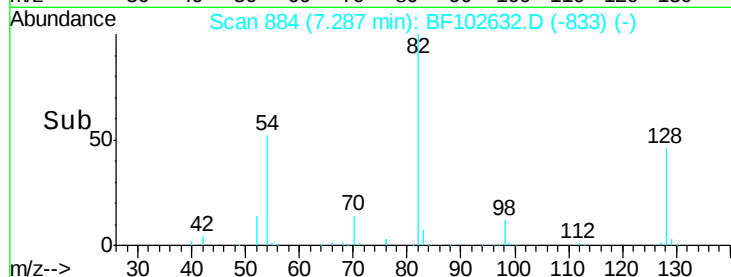
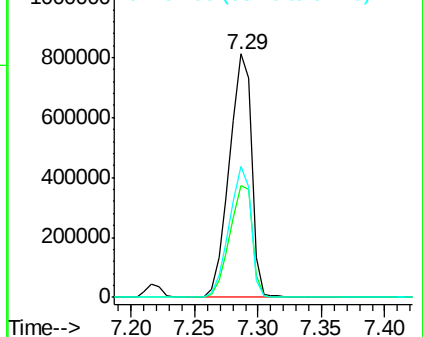
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 39.692 ng

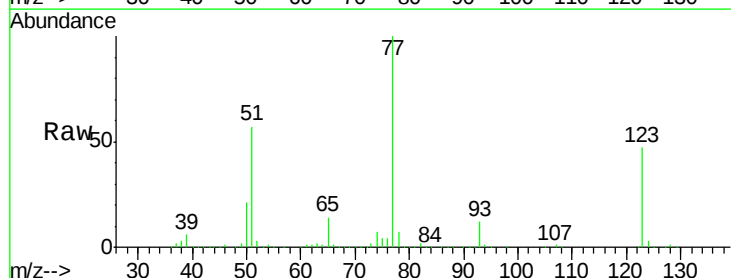
RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

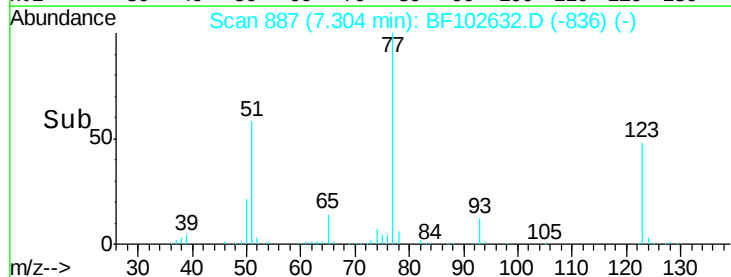
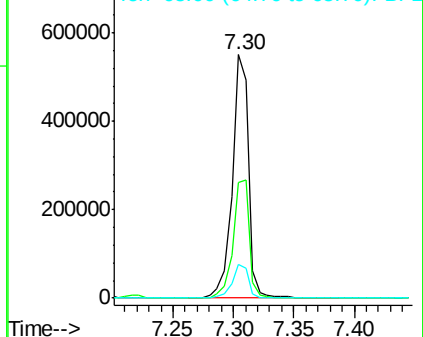
Lab File: BF102632.D

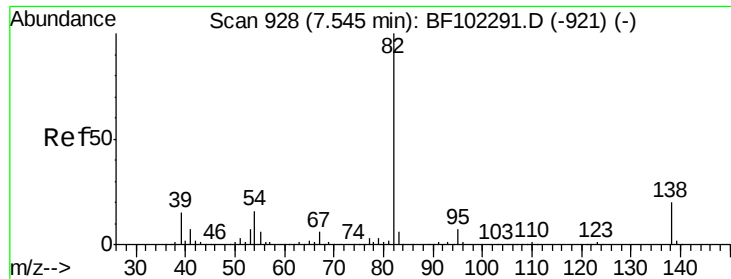
Acq: 30 Jan 2018 11:53

Tgt Ion:	77	Resp:	510646
Ion Ratio	Lower	Upper	
77	100		
123	47.3	37.9	56.9
65	13.9	11.0	16.4



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





#25
Isophorone
Concen: 39.190 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

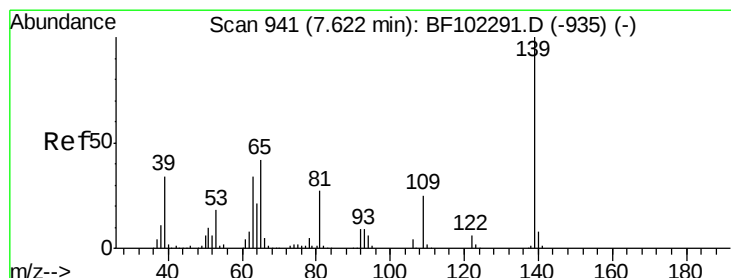
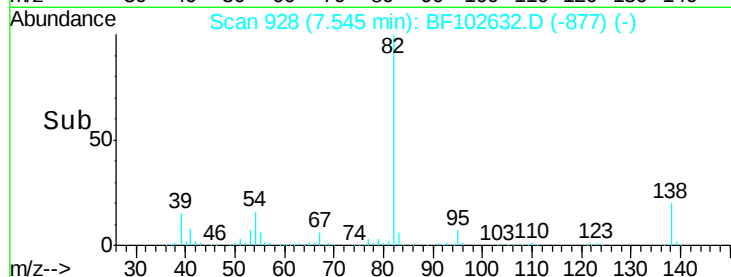
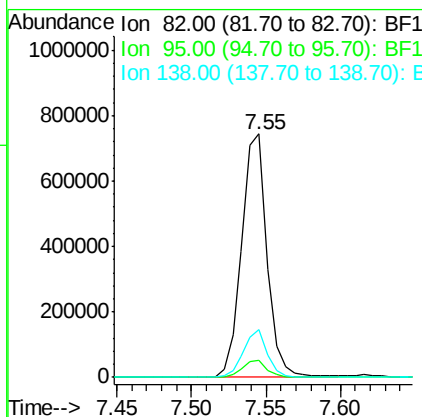
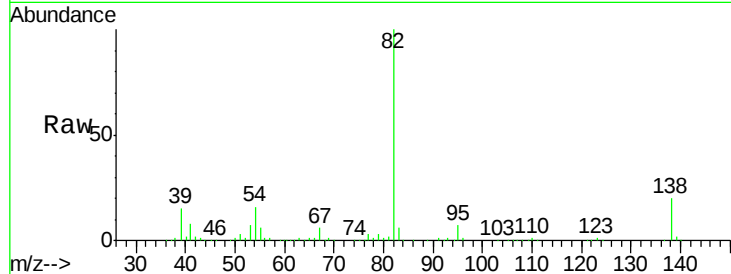
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	878308		
95	6.7		5.2	7.8
138	19.6		14.9	22.3

Manual Integrations
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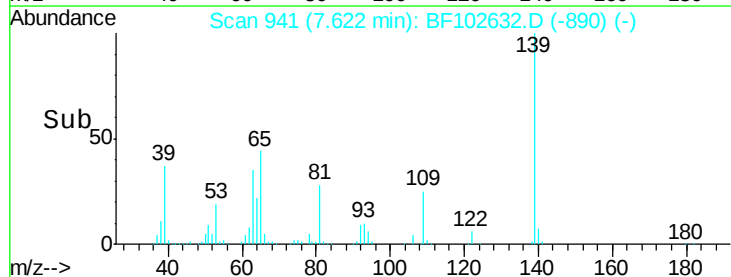
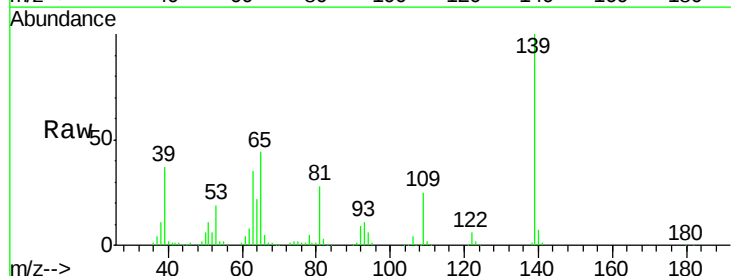
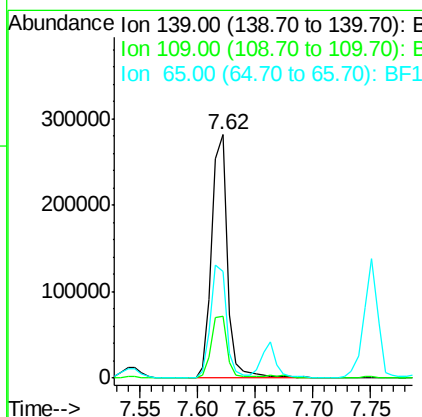
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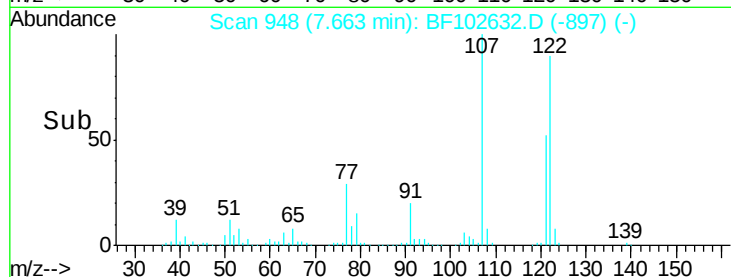
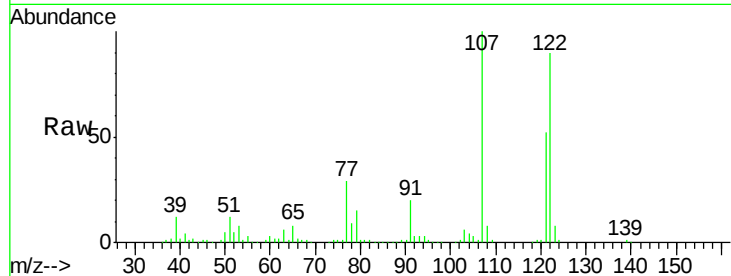
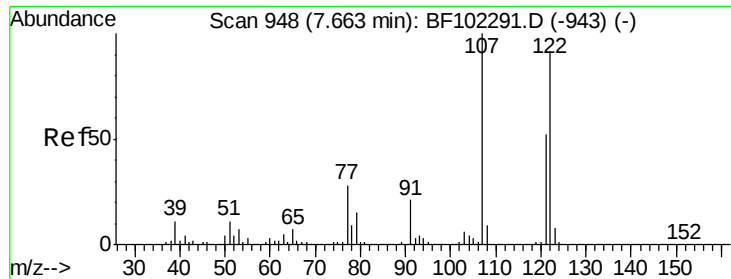
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#26
2-Nitrophenol
Concen: 39.834 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	269715		
109	25.4		22.7	34.1
65	44.0		40.5	60.7





#27
2,4-Dimethylphenol
Concen: 38.802 ng
RT: 7.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

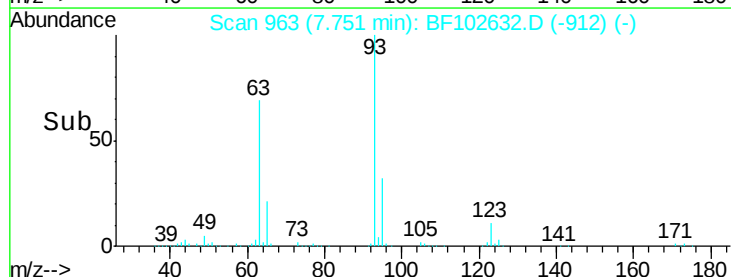
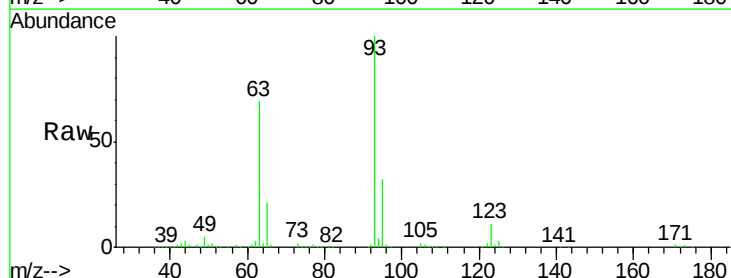
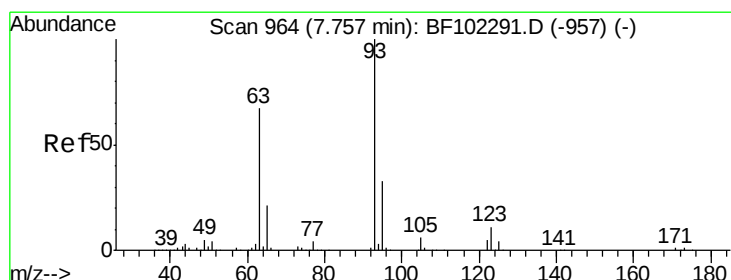
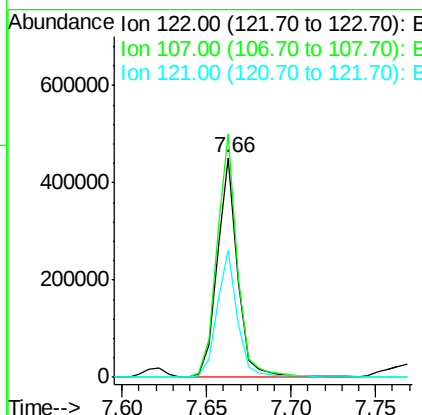
Tot Ion	Ratio	Resp	Lower	Upper
122	100	381497		
107	111.0	91.2	136.8	
121	58.1	47.2	70.8	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

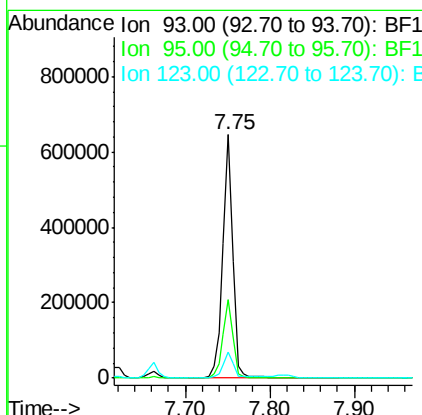
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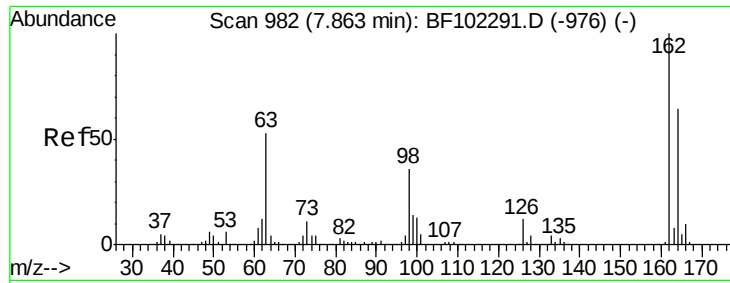
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#28
bis(2-Chloroethoxy)methane
Concen: 39.482 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	546608		
95	32.2	26.3	39.5	
123	10.9	9.8	14.6	





#29
2,4-Dichlorophenol
Concen: 39.149 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

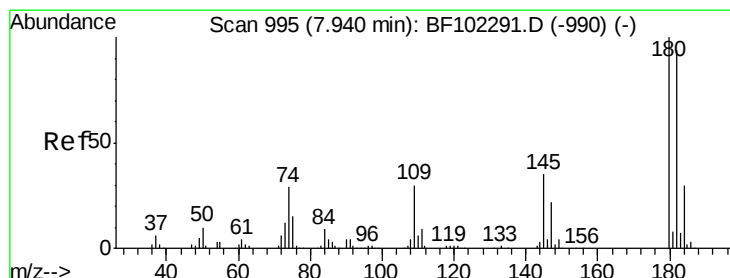
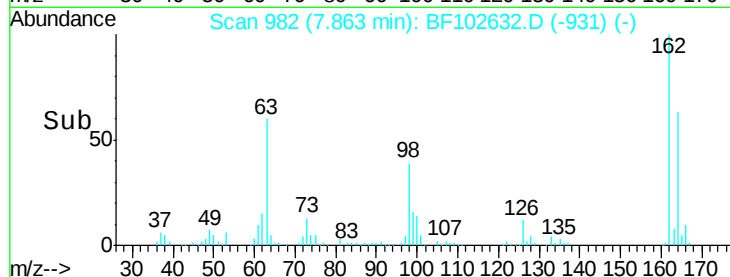
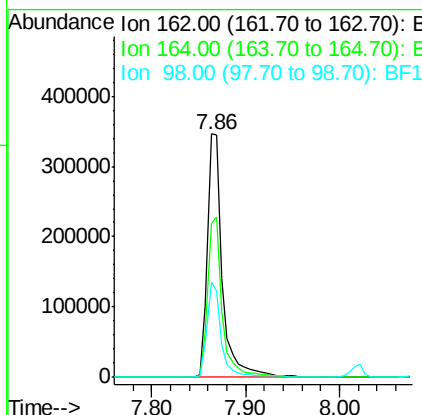
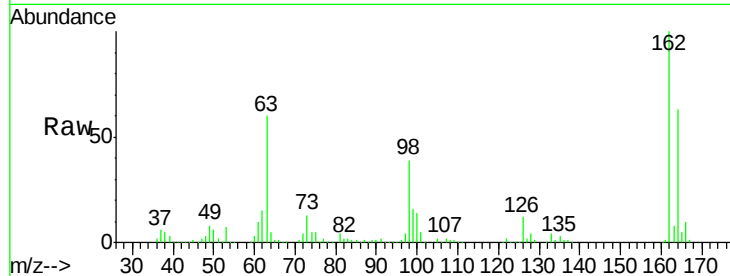
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	392079		
164	63.2	42.7	82.7	
98	39.1	18.1	58.1	

Manual Integrations
APPROVED

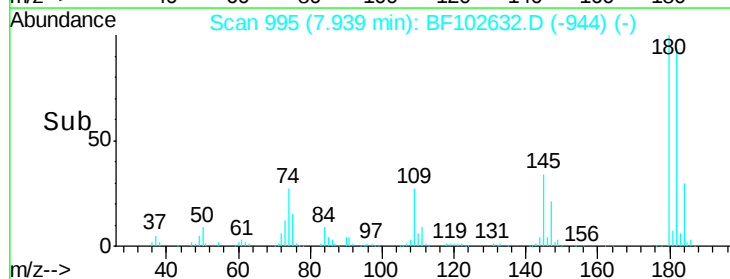
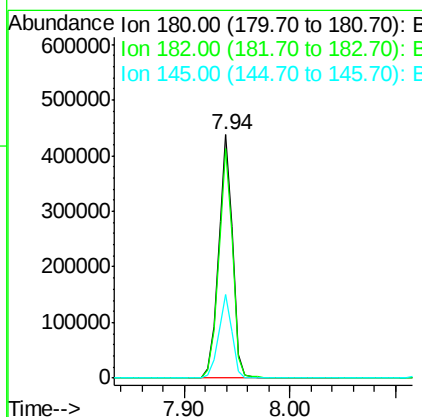
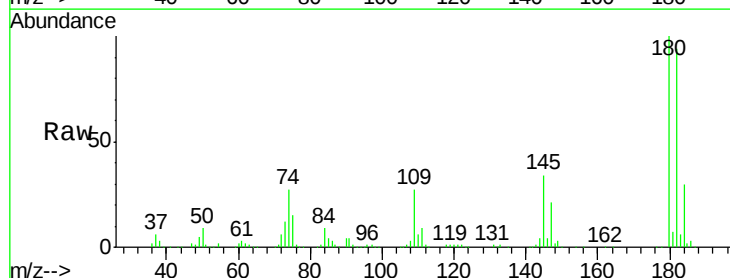
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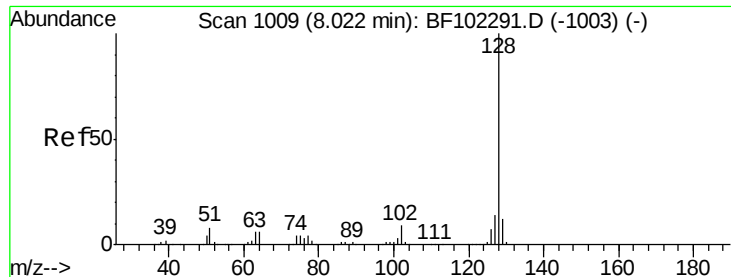
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#30
1,2,4-Trichlorobenzene
Concen: 38.176 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	409841		
182	94.5	76.8	115.2	
145	34.2	26.5	39.7	





#31
Naphthalene
Concen: 37.781 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

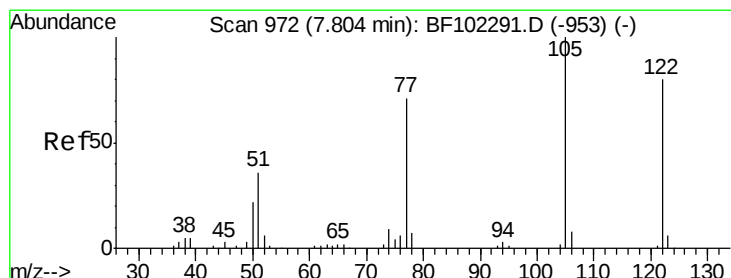
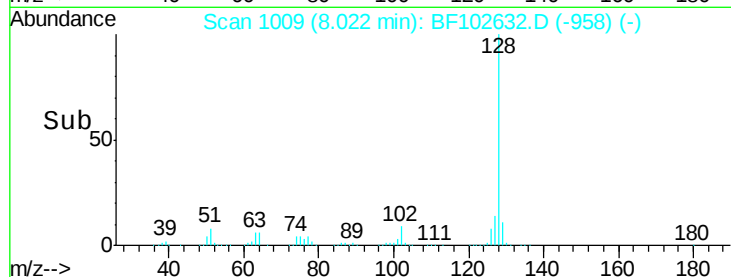
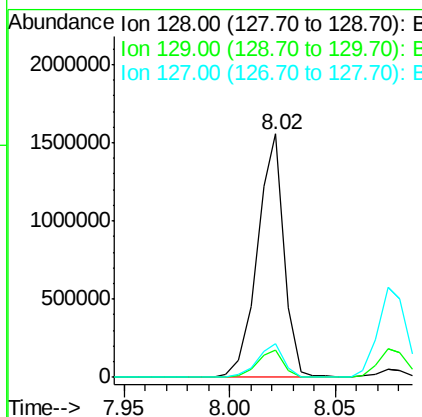
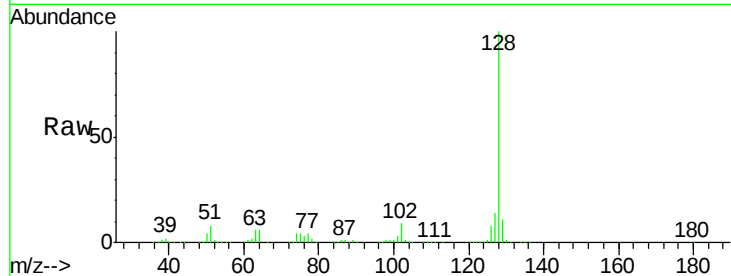
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1362760
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.9 16.3

Manual Integrations
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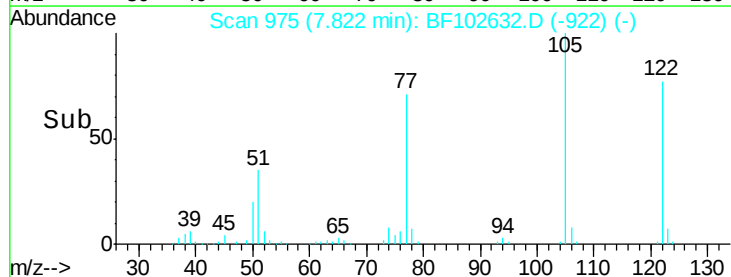
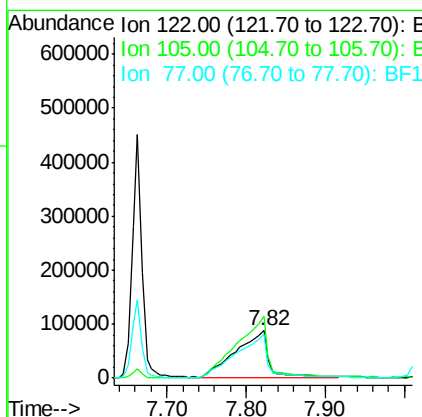
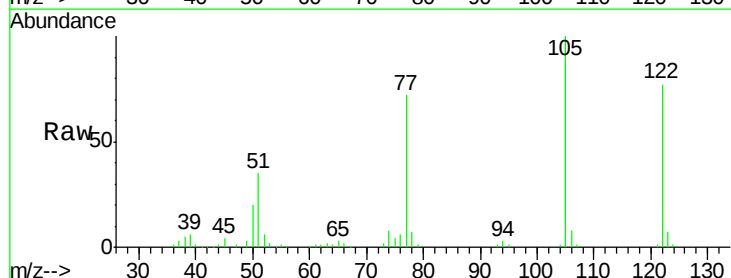
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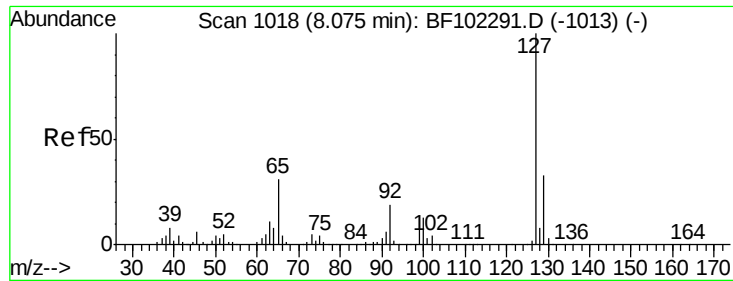
1/31/2018 2:00:09 PM



#32
Benzoic acid
Concen: 30.479 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion:122 Resp: 251067
Ion Ratio Lower Upper
122 100
105 129.8 101.1 141.1
77 93.1 70.7 110.7





#33
4-Chloroaniline
Concen: 39.623 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

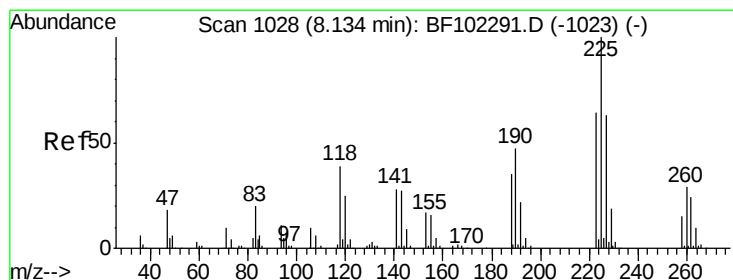
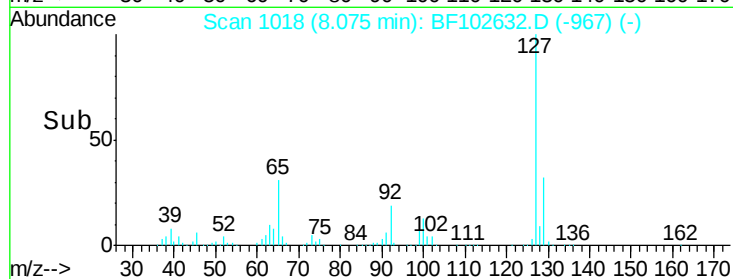
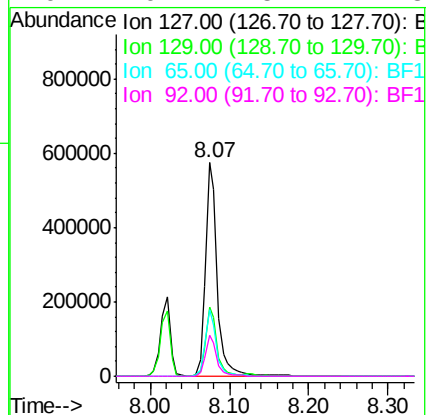
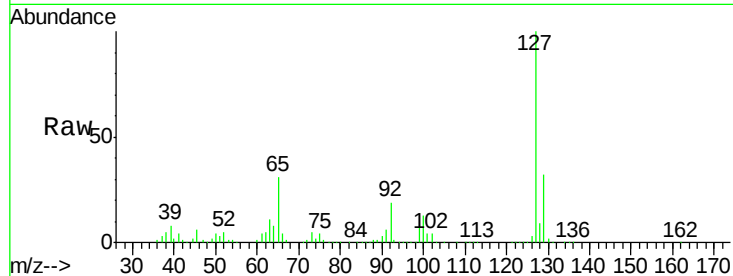
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		600991		
129	32.2	25.9	38.9		
65	31.2	25.0	37.4		
92	19.2	15.2	22.8		

Manual Integrations
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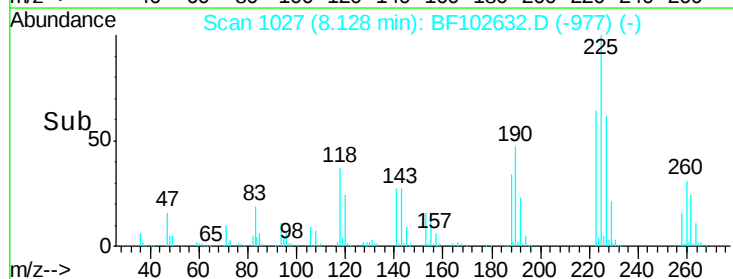
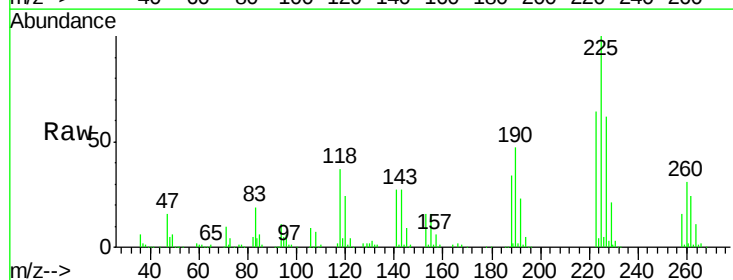
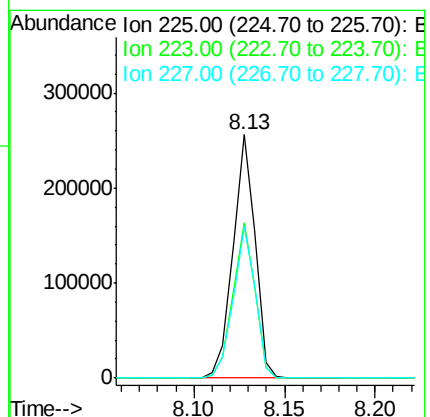
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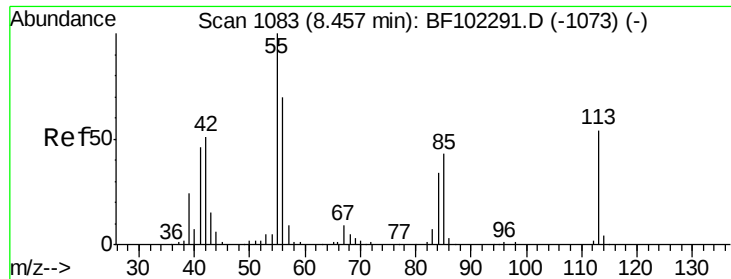
1/31/2018 2:00:09 PM



#34
Hexachlorobutadiene
Concen: 38.004 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		217910		
223	63.9	50.6	76.0		
227	62.0	51.9	77.9		





#35
 Caprolactam
 Concen: 43.472 ng/ml
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

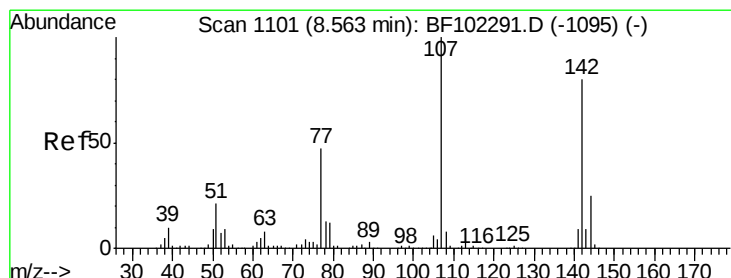
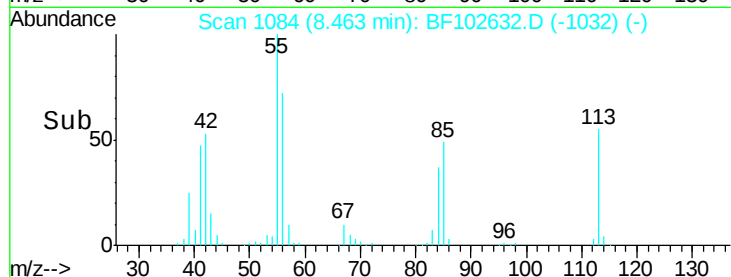
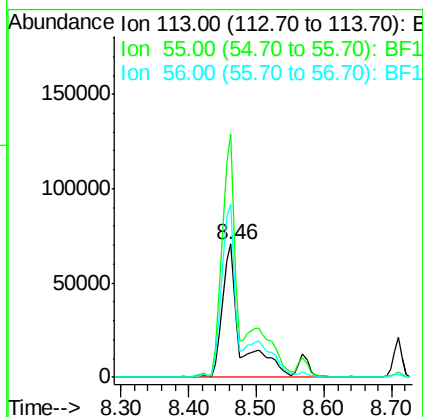
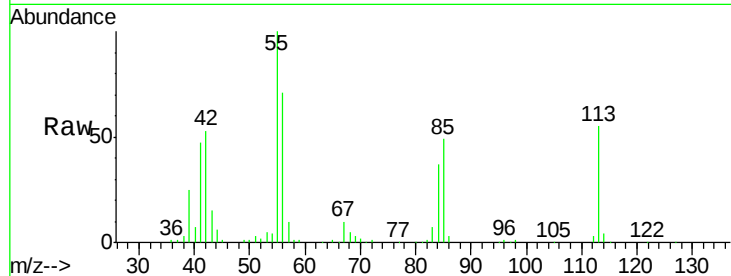
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	182.5	163.3	203.3
56	130.2	115.7	155.7

Manual Integrations
 APPROVED

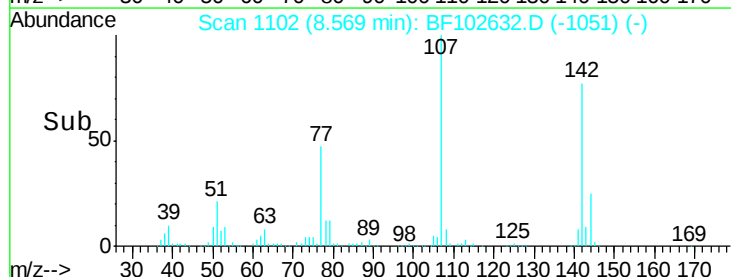
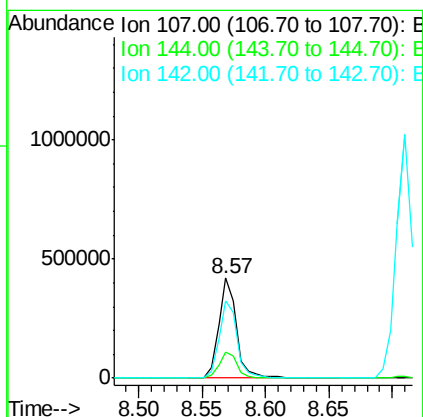
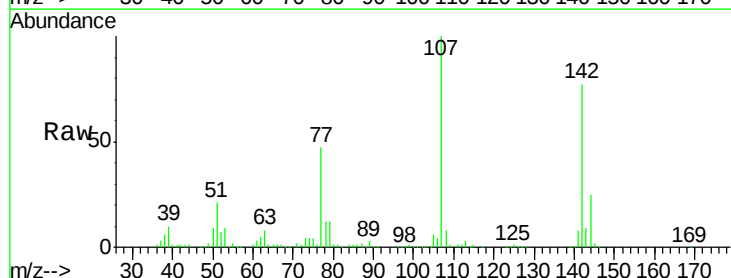
Sohil
 1/31/2018 2:00:09 PM

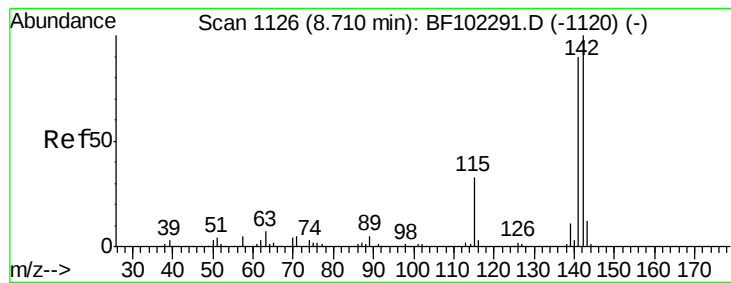
1/31/2018 2:00:09 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.198 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.5	30.7
142	77.2	62.0	93.0





#37
2-Methylnaphthalene
Concen: 37.615 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

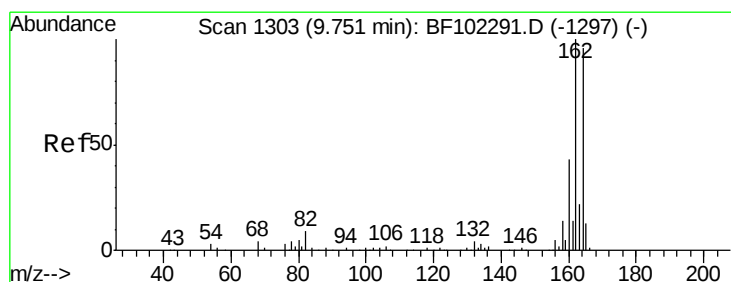
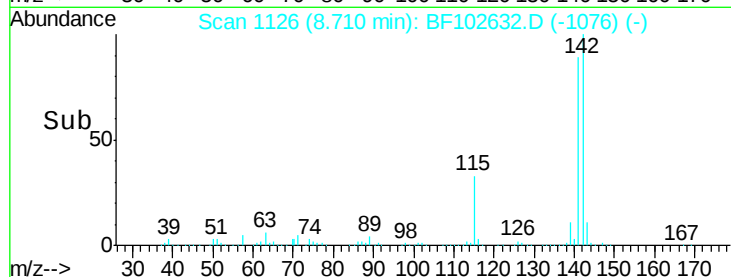
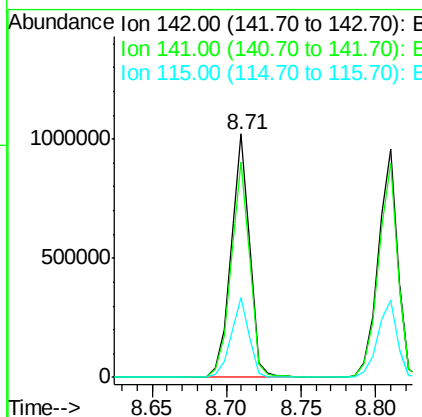
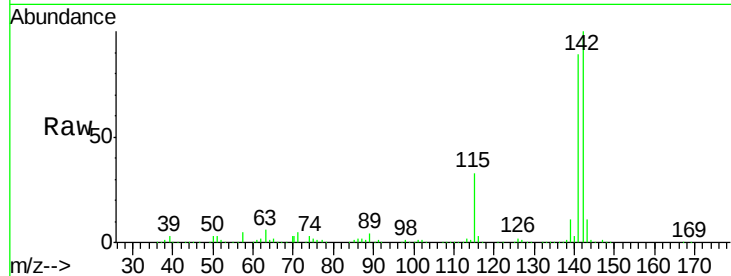
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	32.7	26.1	39.1

Manual Integrations
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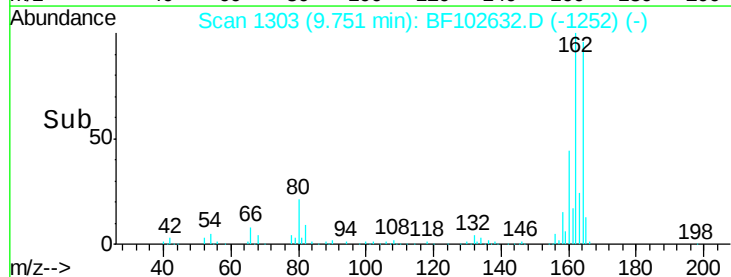
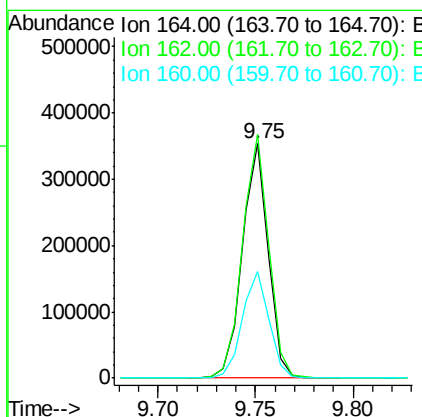
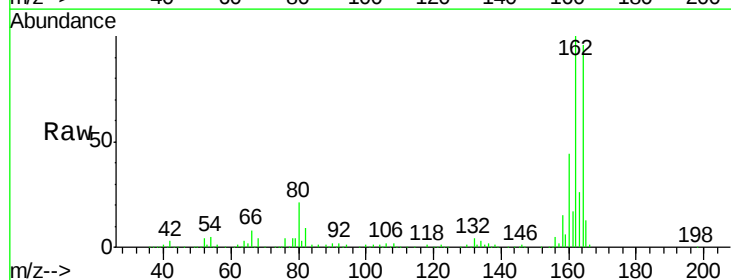
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1/31/2018 2:00:09 PM

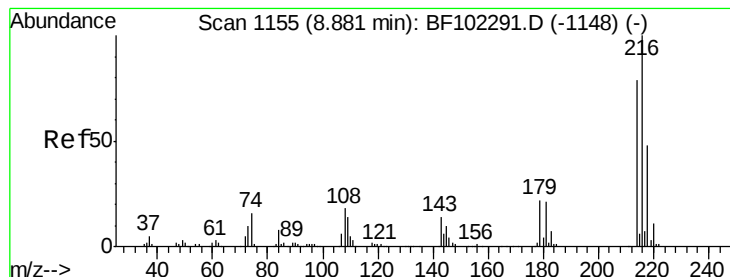
1/31/2018 2:00:09 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.221 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

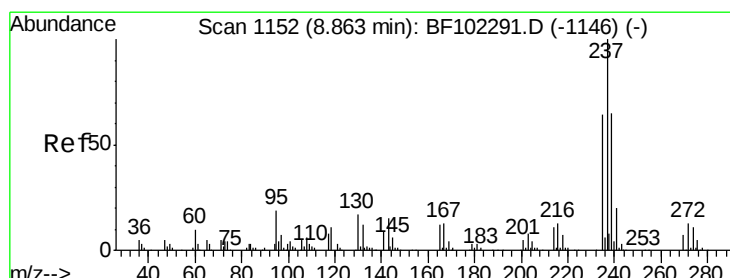
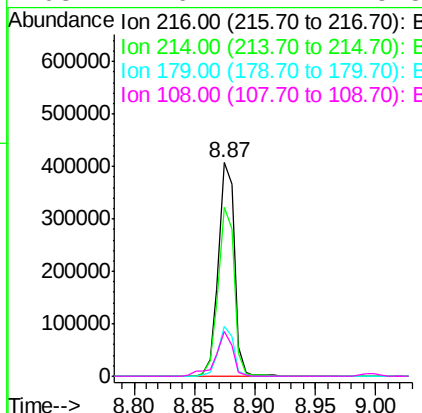
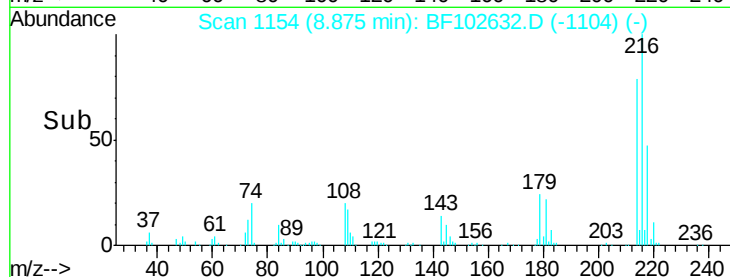
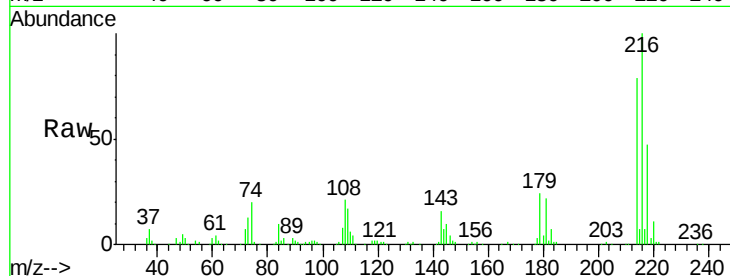
Tot Ion	Ion	Ratio	Resp	Lower	Upper
371441	216	100			
	214	78.8	63.0	94.4	
	179	22.4	18.1	27.1	
	108	21.6	17.2	25.8	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 44.718 ng

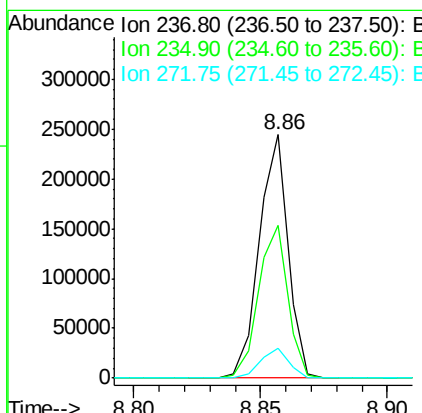
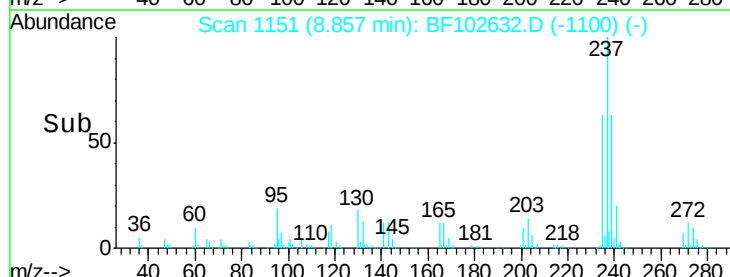
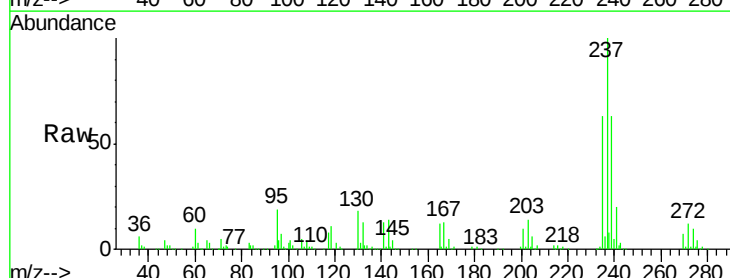
RT: 8.86 min Scan# 1151

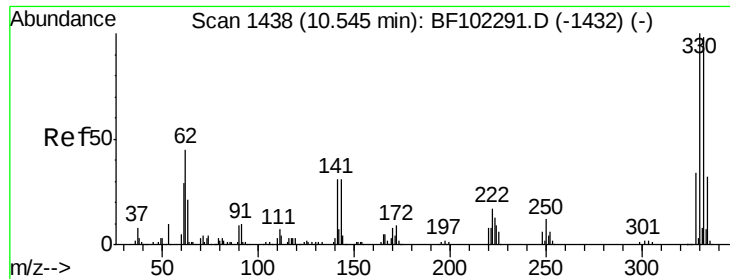
Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
194487	237	100			
	235	62.5	44.8	84.8	
	272	12.4	0.0	33.3	





#41
 2,4,6-Tribromophenol
 Concen: 67.371 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

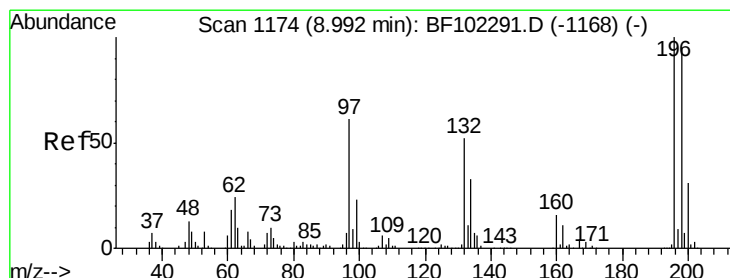
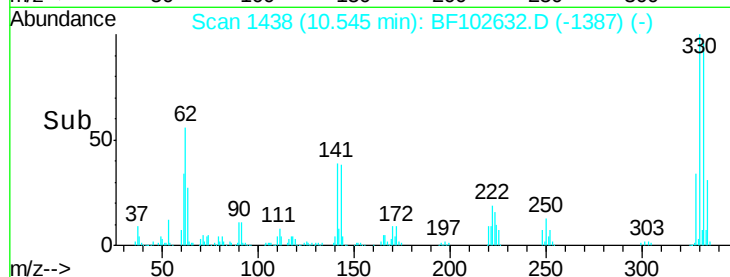
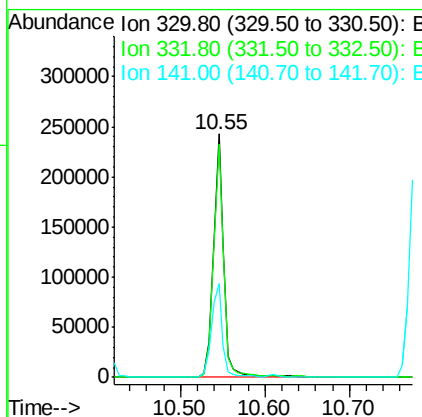
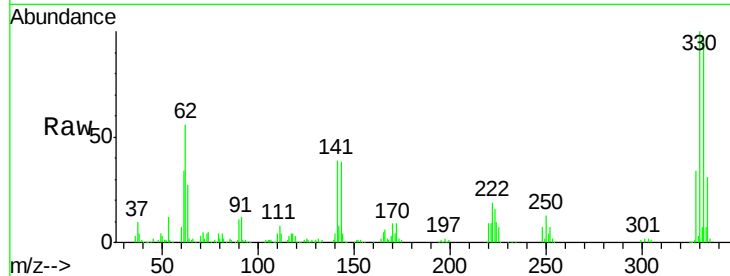
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	40.2	29.9	44.9

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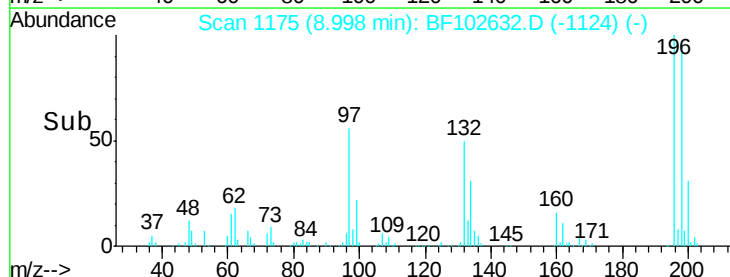
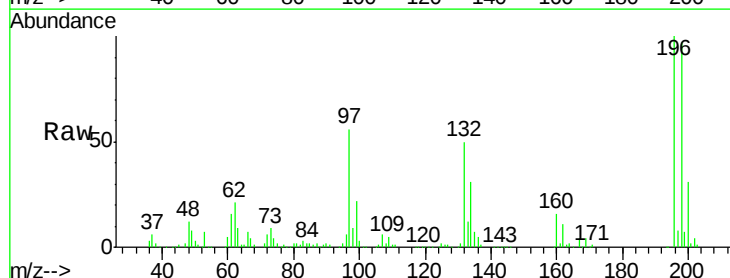
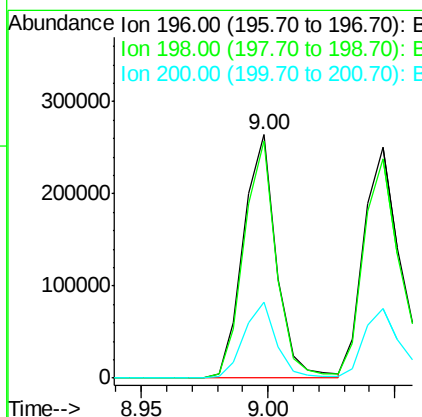
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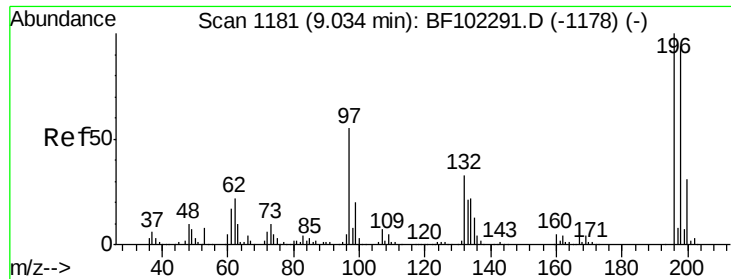
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#42
 2,4,6-Trichlorophenol
 Concen: 36.955 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
200	31.0	24.5	36.7





#43
2,4,5-Trichlorophenol
Concen: 36.671 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

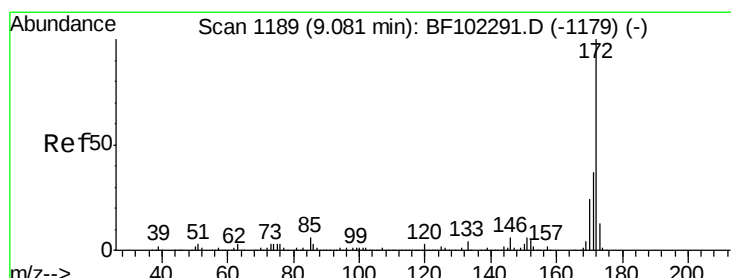
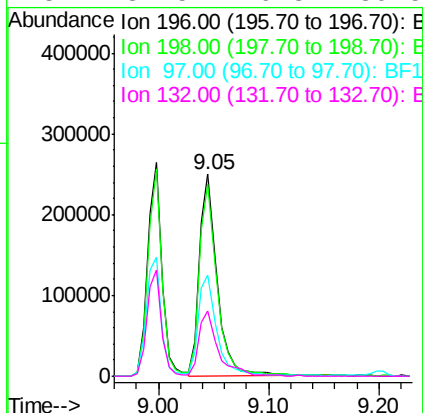
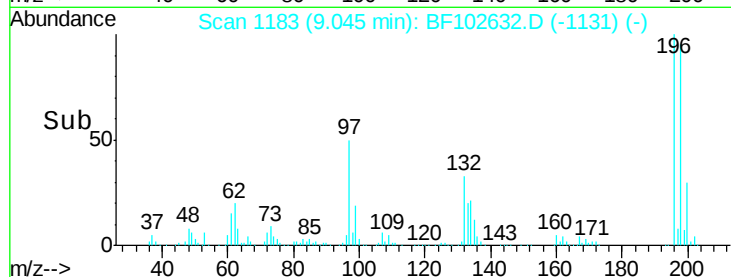
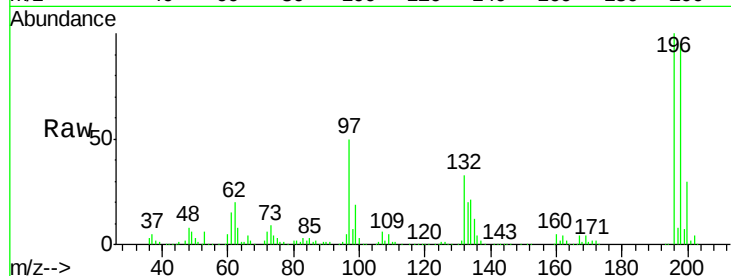
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		268610		
198	95.1	74.6	112.0		
97	50.0	42.9	64.3		
132	32.5	26.3	39.5		

Manual Integrations
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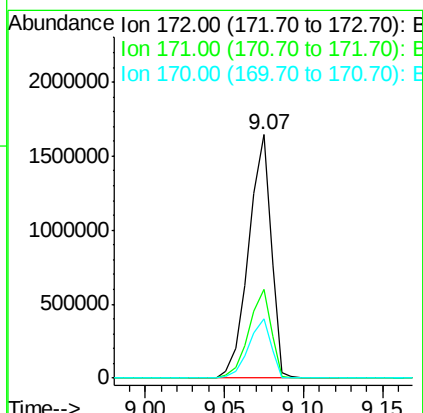
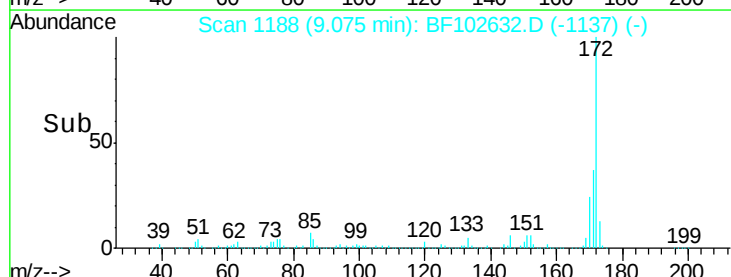
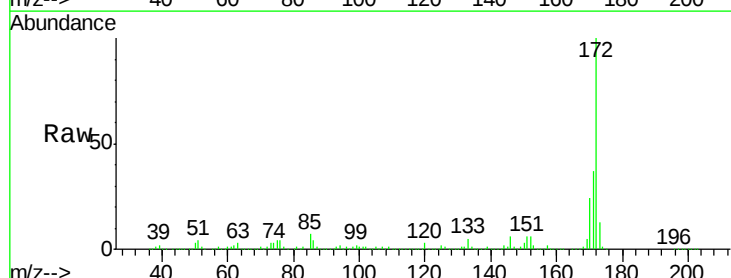
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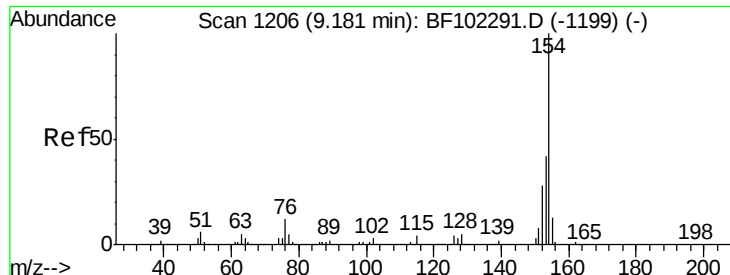
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#44
2-Fluorobiphenyl
Concen: 73.736 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1619868		
171	36.7	29.7	44.5		
170	24.4	19.6	29.4		





#45
 1,1'-Biphenyl
 Concen: 37.747 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

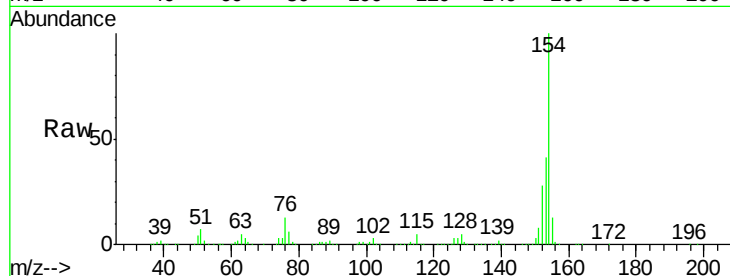
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.4	0.0	34.0

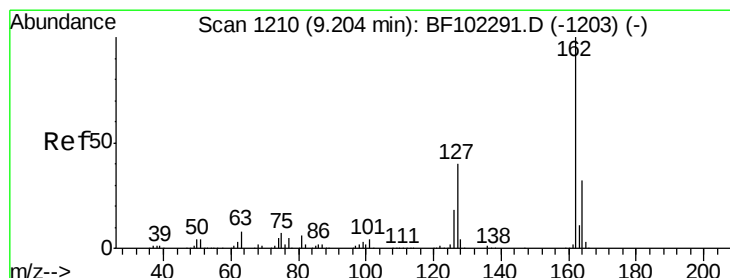
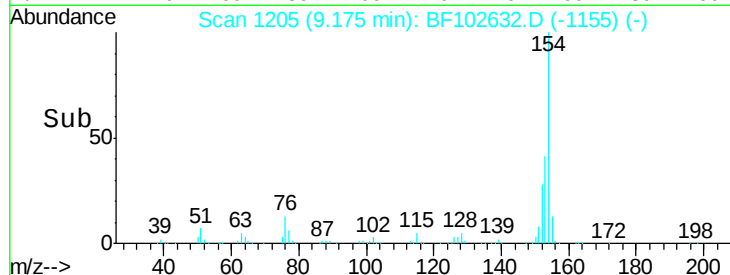
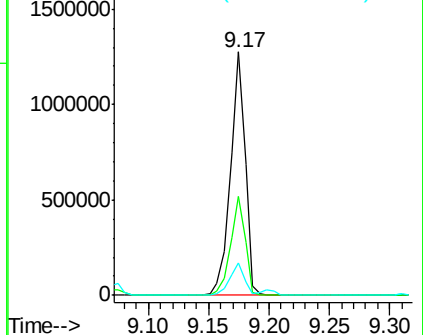
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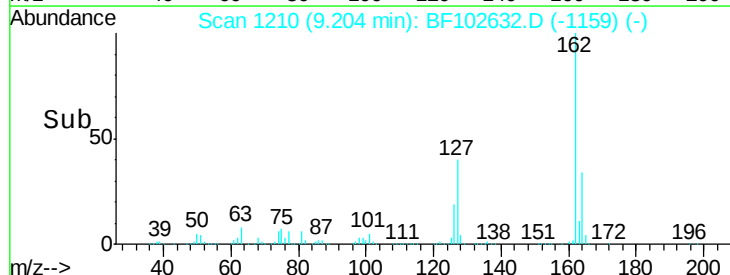
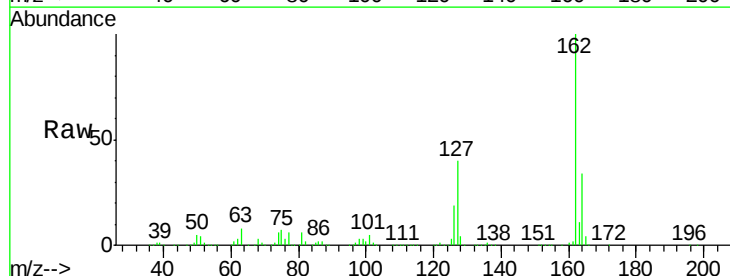
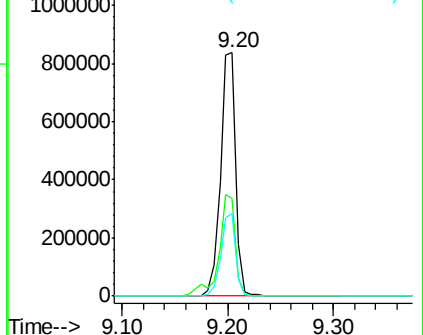
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

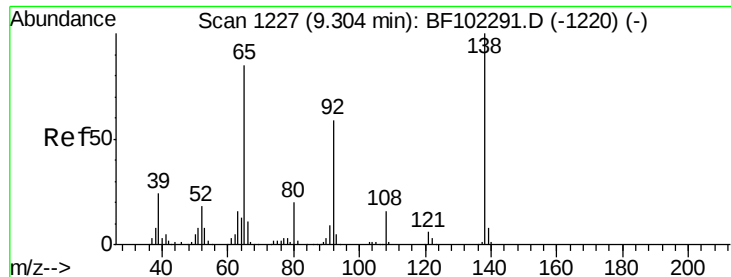


#46
 2-Chloronaphthalene
 Concen: 37.707 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	34.0	26.5	39.7

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





#47
2-Nitroaniline
Concen: 40.731 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

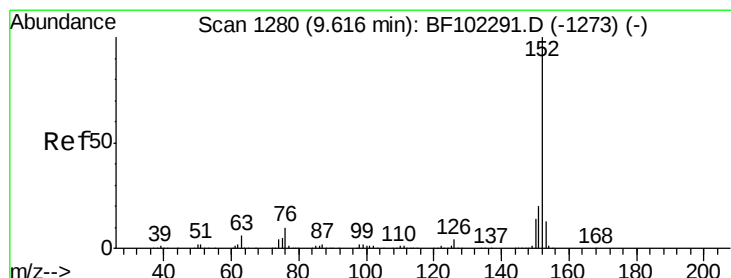
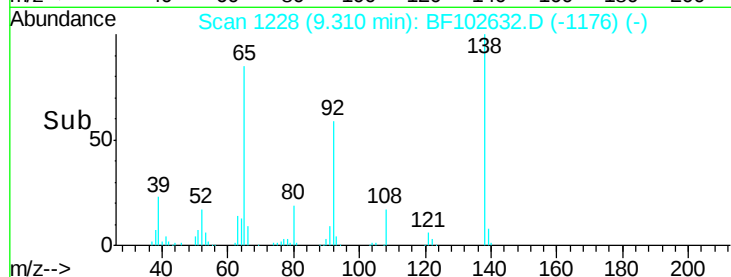
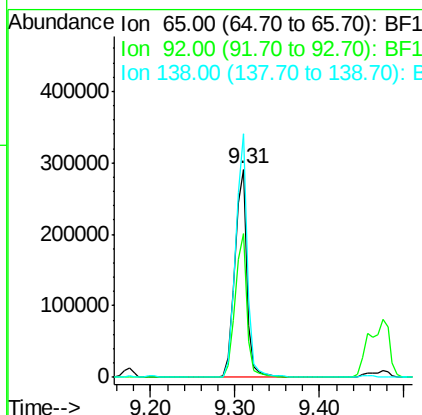
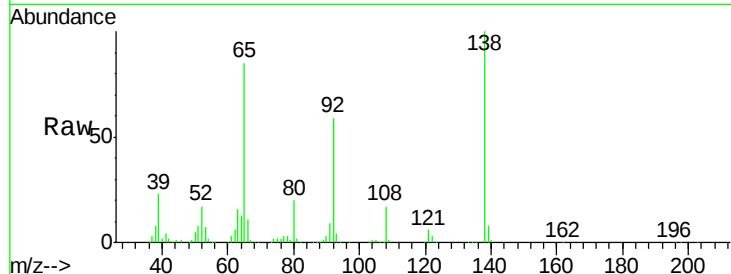
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
65	100	285083		
92	69.0		55.8	83.6
138	117.0		91.2	136.8

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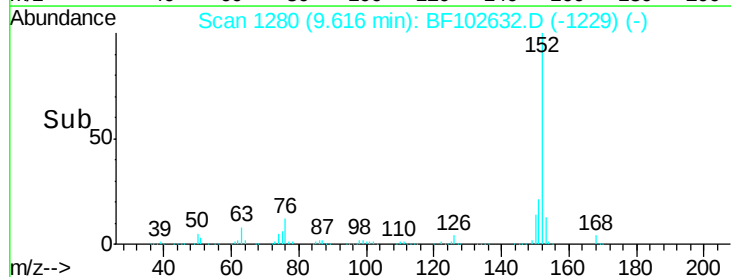
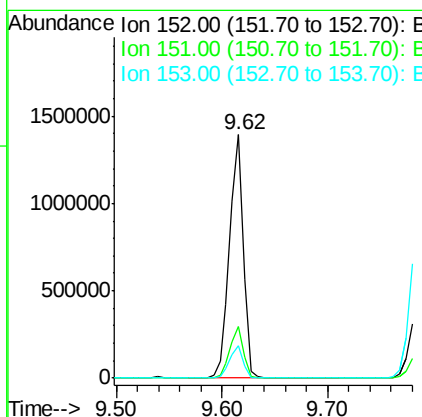
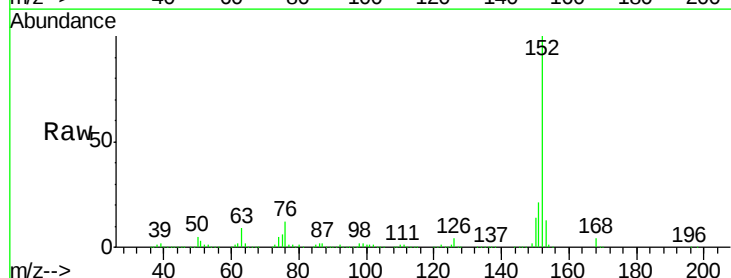
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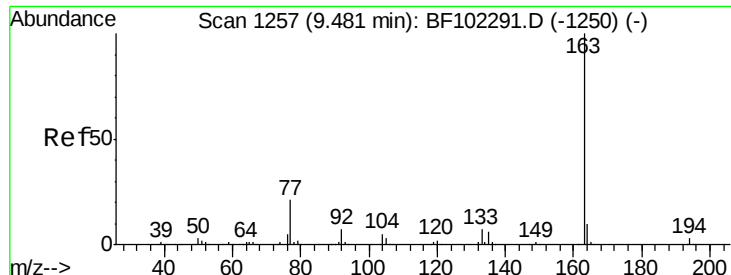
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#48
Acenaphthylene
Concen: 36.085 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1262100		
151	21.3		16.3	24.5
153	13.4		10.7	16.1





#49
Dimethylphthalate
Concen: 37.155 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

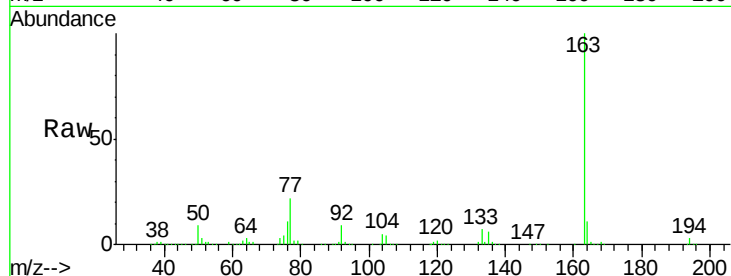
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.6	8.2	12.2	

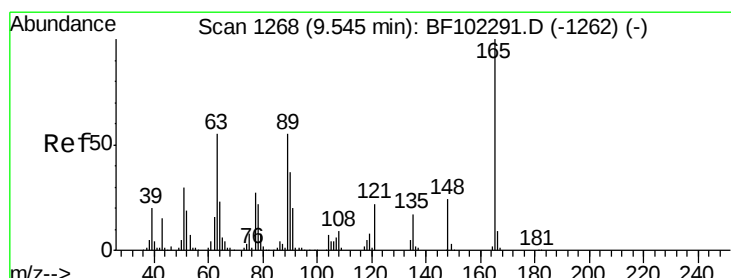
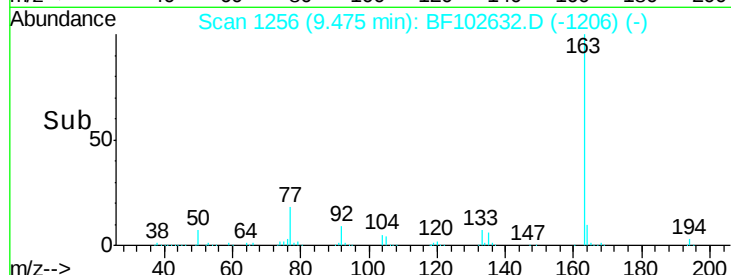
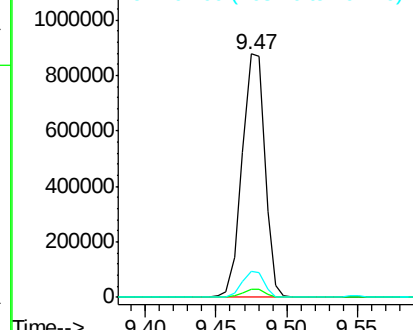
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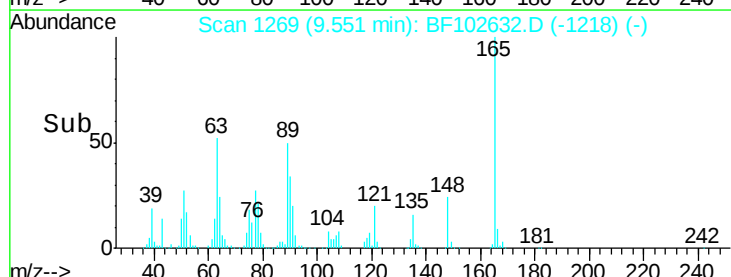
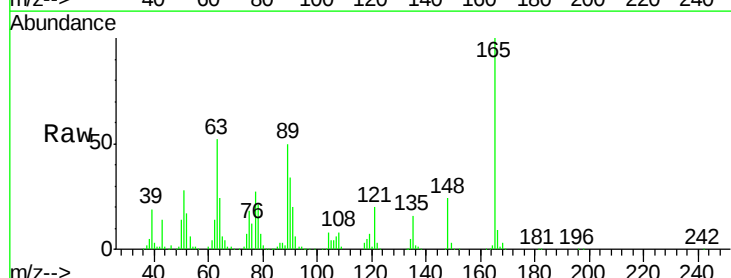
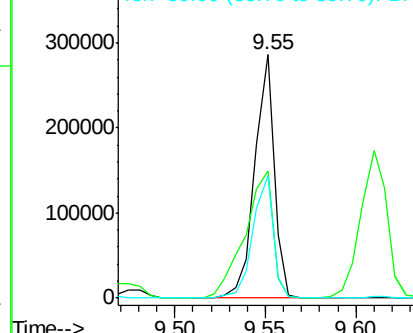
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

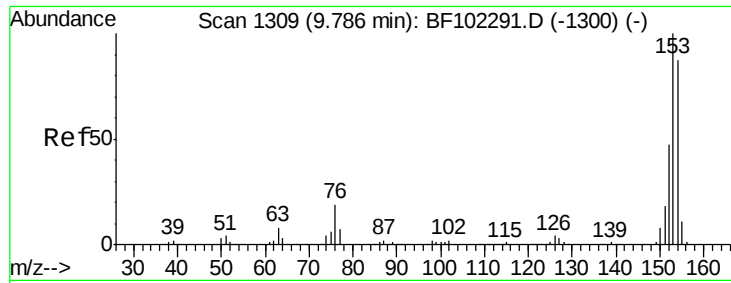


#50
2,6-Dinitrotoluene
Concen: 37.480 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.1	44.7	67.1	
89	50.0	44.0	66.0	

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





#51

Acenaphthene

Concen: 36.673 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

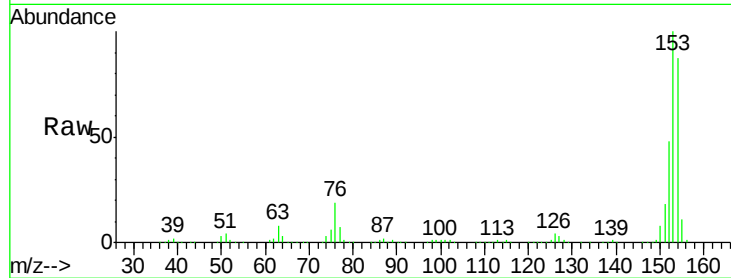
Tot Ion:	154	Resp:	749126
Ion Ratio	Lower	Upper	
154	100		
153	115.4	91.2	136.8
152	55.1	43.8	65.8

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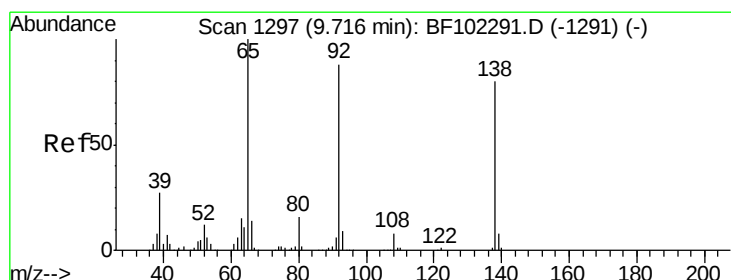
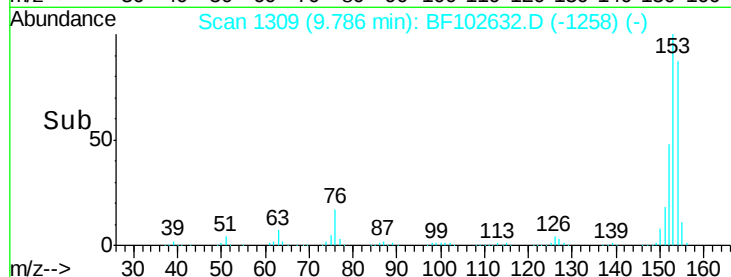
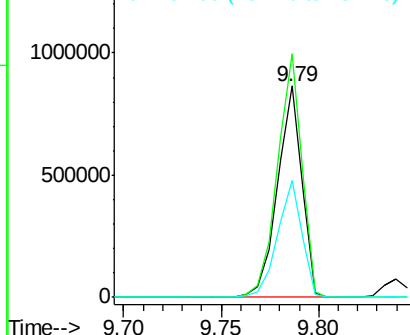
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.221 ng

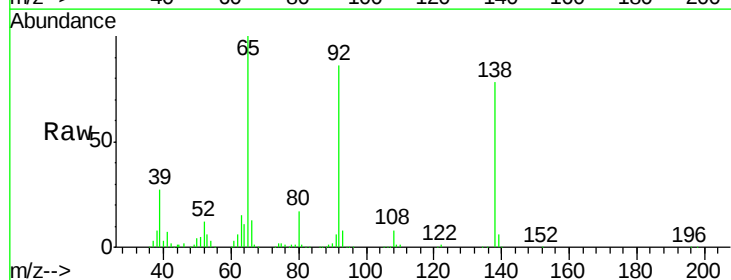
RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

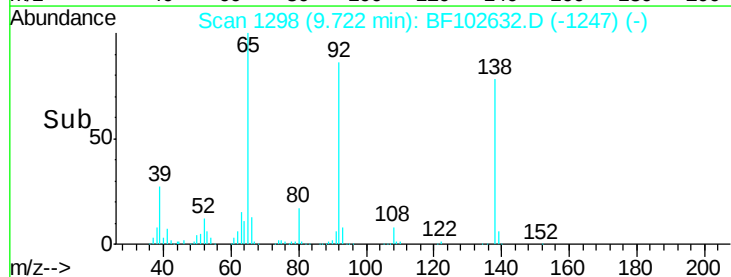
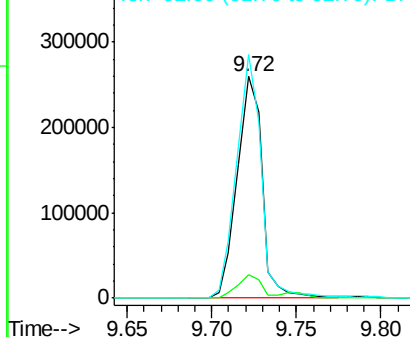
Lab File: BF102632.D

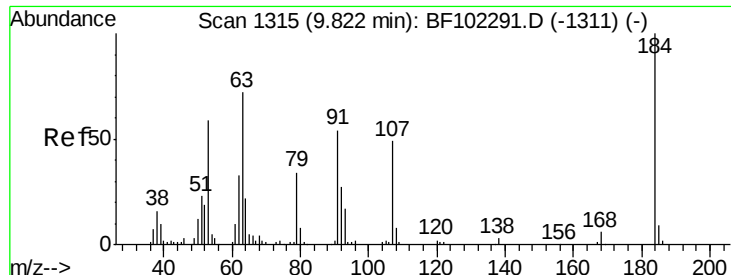
Acq: 30 Jan 2018 11:53

Tgt Ion:	138	Resp:	267084
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	109.9	89.4	134.2



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





#53
2,4-Dinitrophenol
Concen: 52.629 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

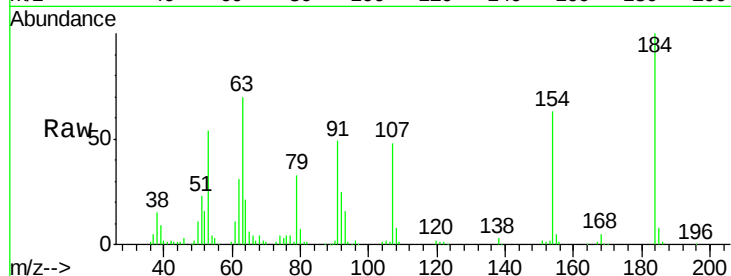
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.8	54.2	81.2	
154	62.9	184.0	276.0	

Manual Integrations
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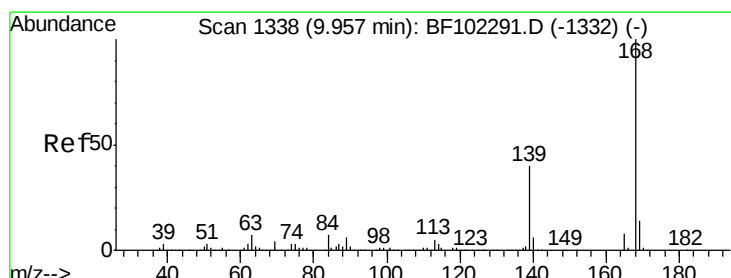
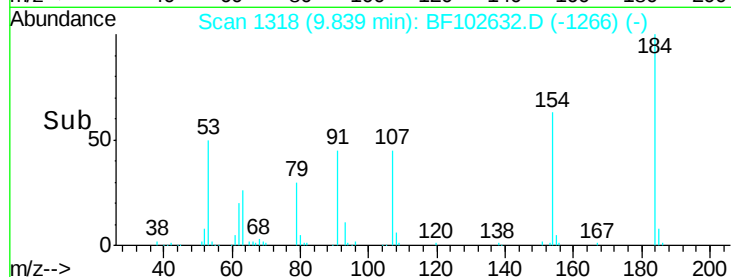
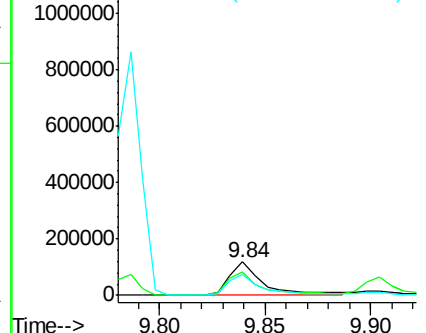


Abundance

Ion 184.00 (183.70 to 184.70): E

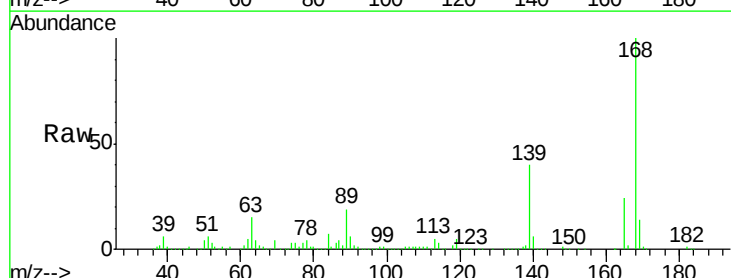
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 37.352 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.9	30.1	45.1	
169	13.7	10.9	16.3	

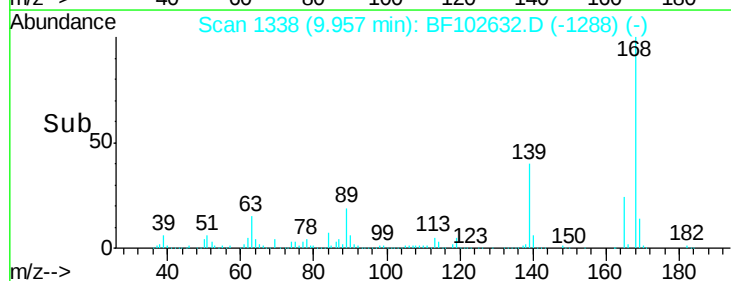
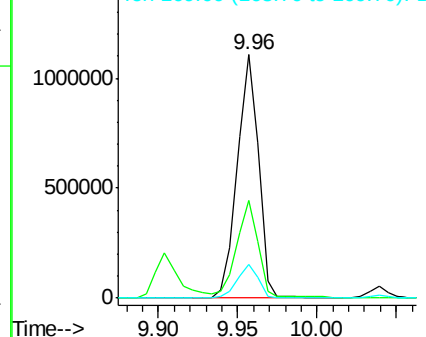


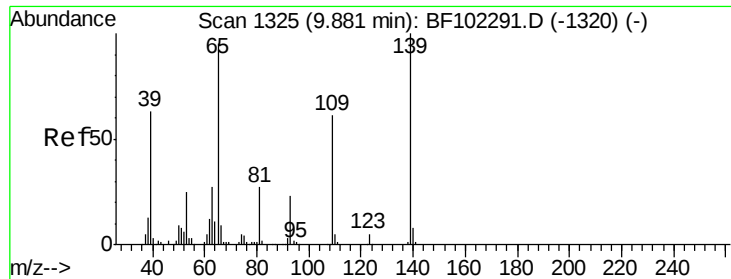
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 47.247 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

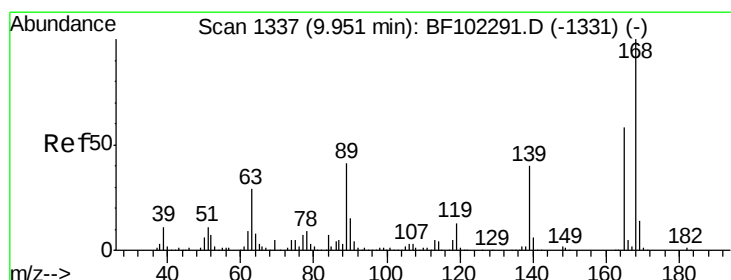
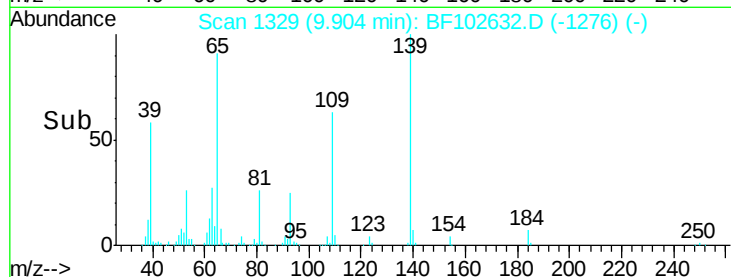
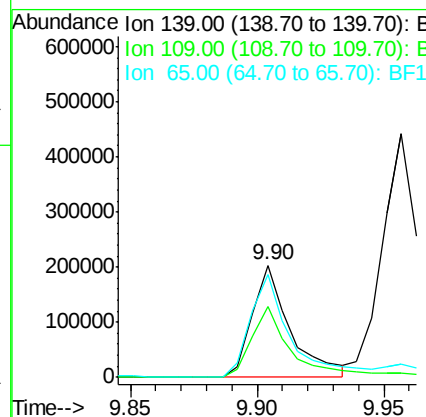
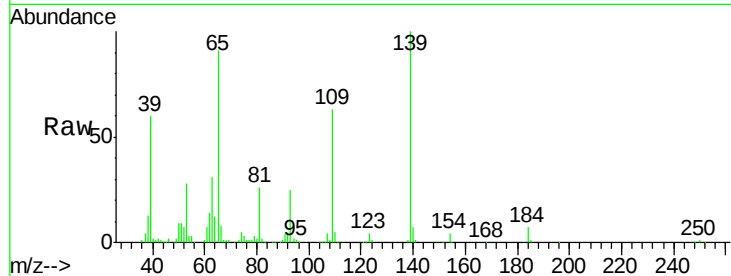
Tot Ion:	139	Resp:	212380
Ion Ratio	Lower	Upper	
139	100		
109	62.6	48.4	88.4
65	91.4	72.6	112.6

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 36.540 ng

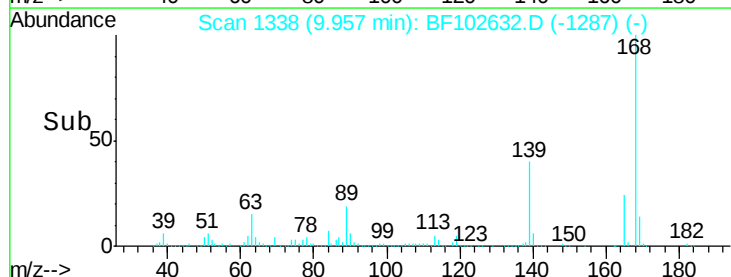
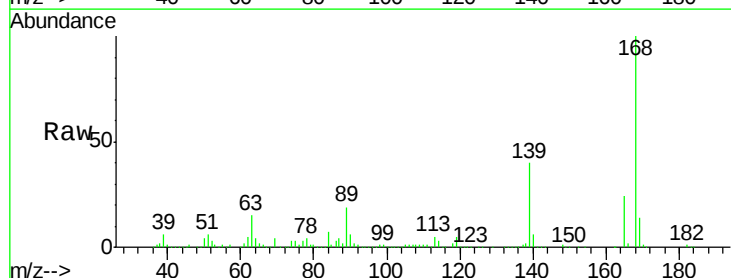
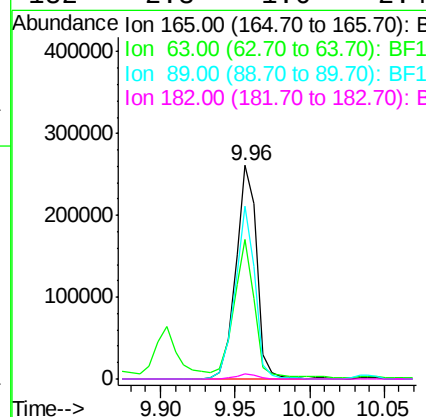
RT: 9.96 min Scan# 1338

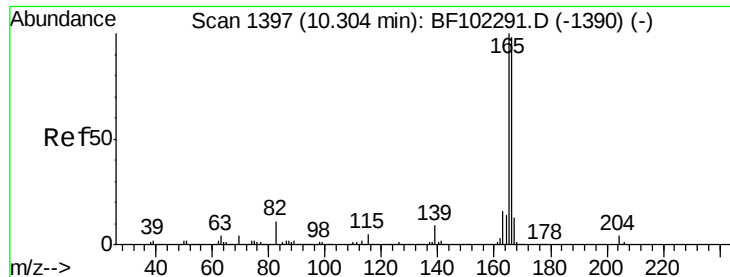
Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Tgt Ion:	165	Resp:	258660
Ion Ratio	Lower	Upper	
165	100		
63	65.5	36.4	54.6#
89	80.8	57.8	86.6
182	2.3	1.6	2.4





#57
Fluorene
 Concen: 39.142 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

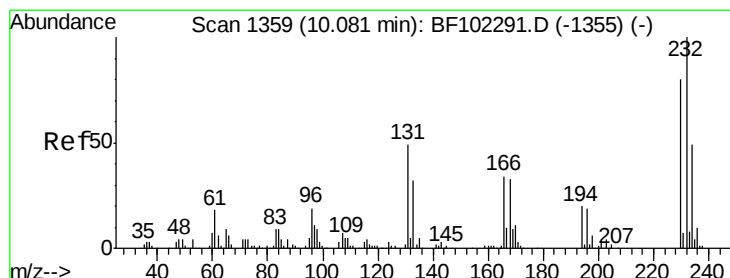
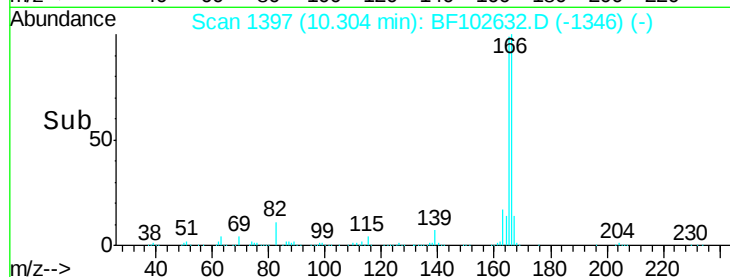
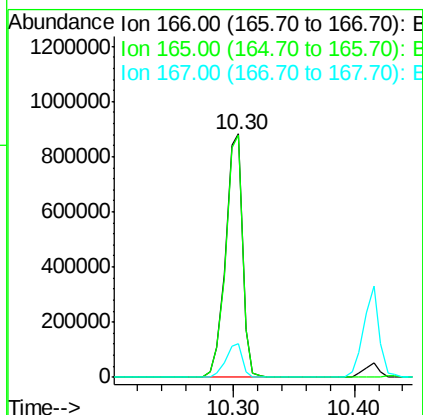
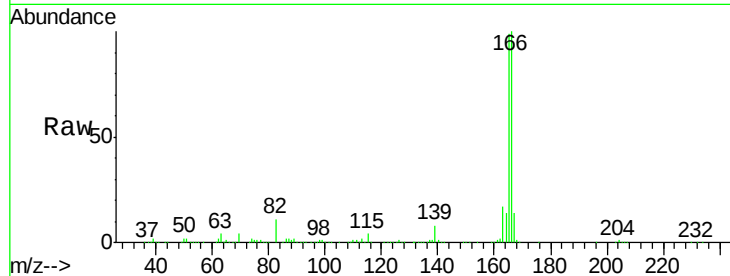
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.7	10.6	16.0

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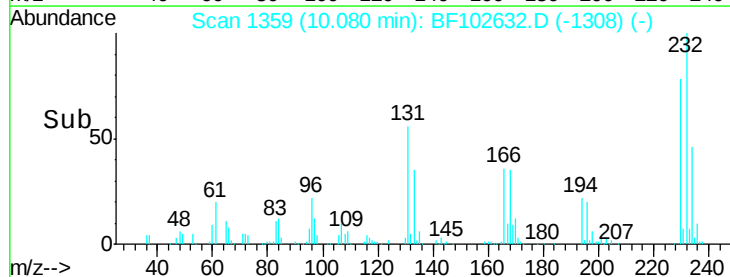
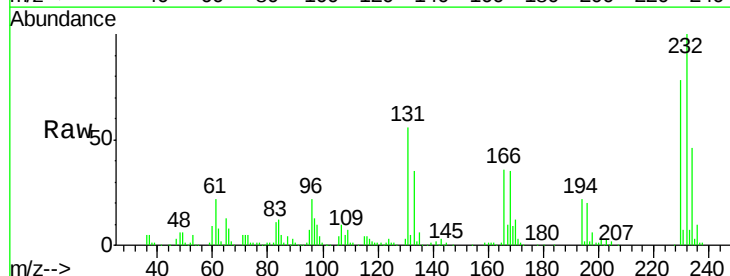
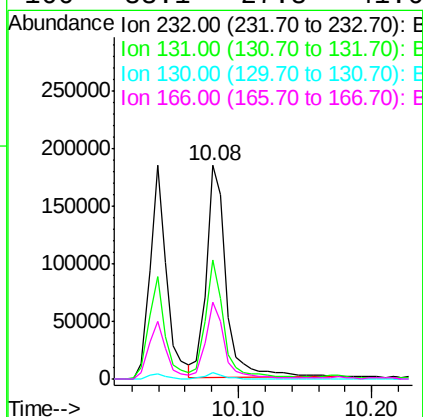
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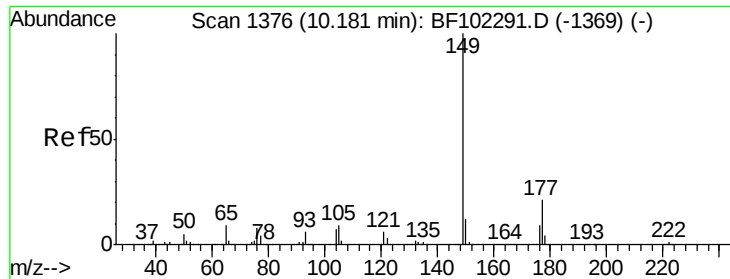
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.990 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.2	43.8	65.8
130	2.5	2.1	3.1
166	33.1	27.8	41.6





#59
Diethylphthalate
Concen: 36.724 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

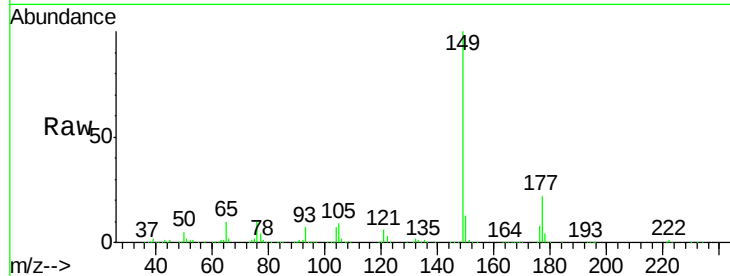
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.6	10.1	15.1

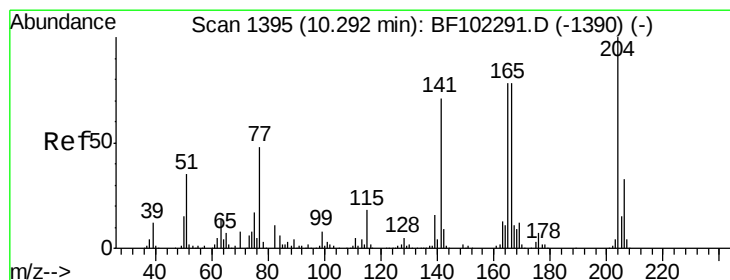
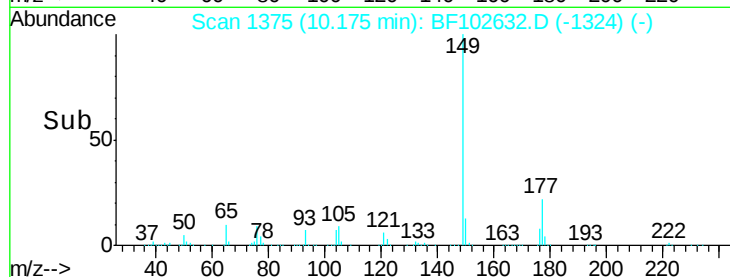
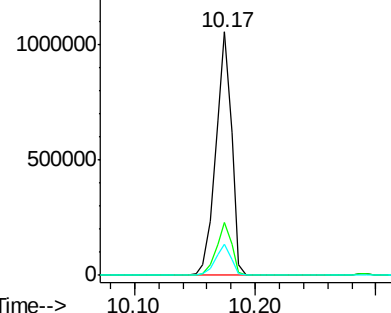
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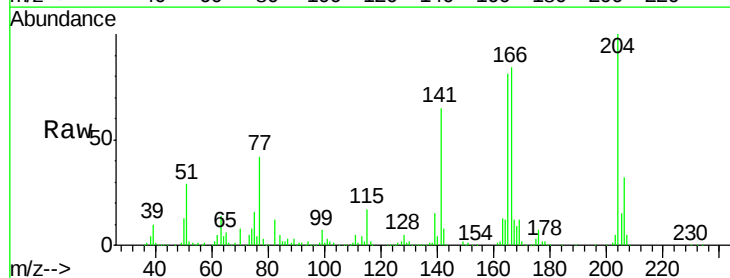


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

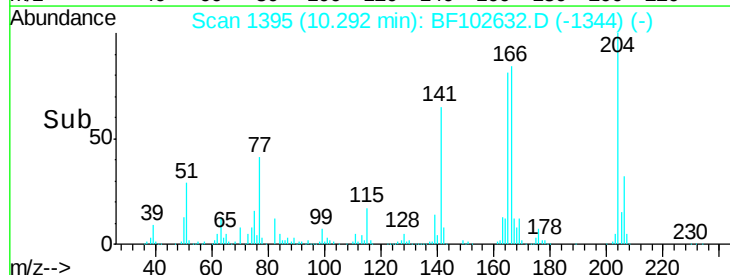
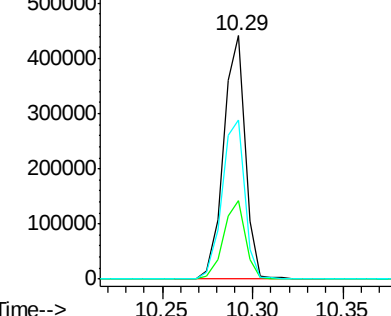


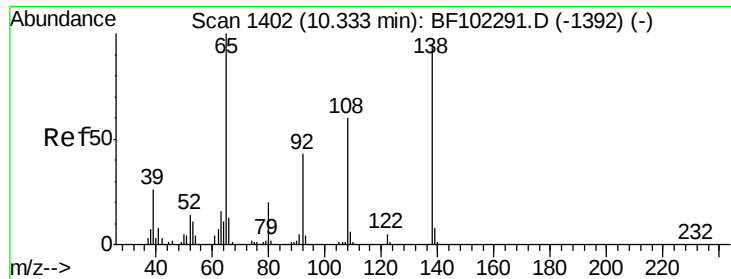
#60
4-Chlorophenyl-phenylether
Concen: 38.734 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	65.4	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.419 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

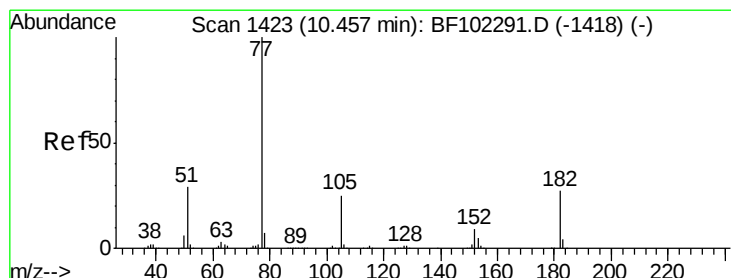
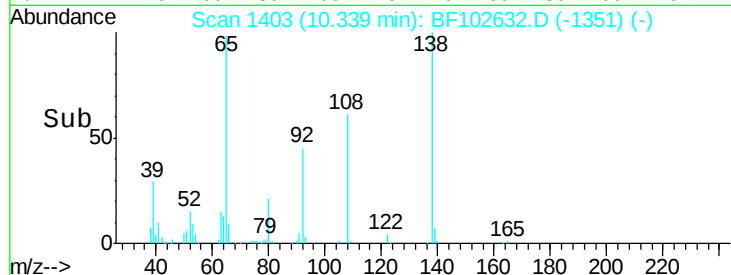
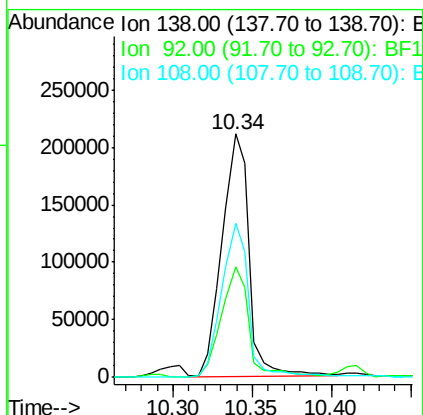
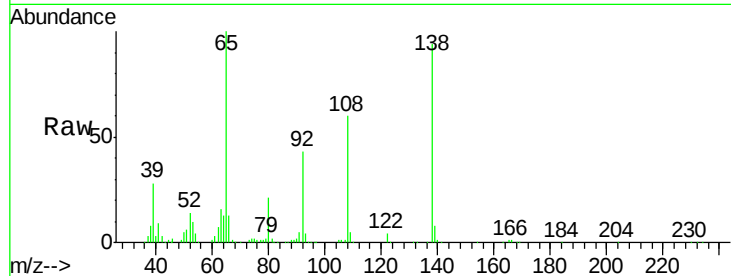
Tot Ion:	138	Resp:	247471
Ion Ratio	Lower	Upper	
138	100		
92	45.4	30.2	70.2
108	63.2	52.5	92.5

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#62

Azobenzene

Concen: 38.051 ng

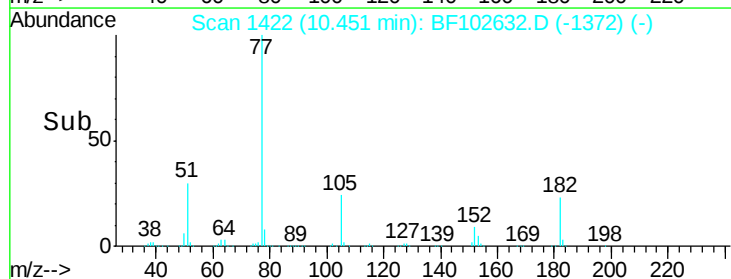
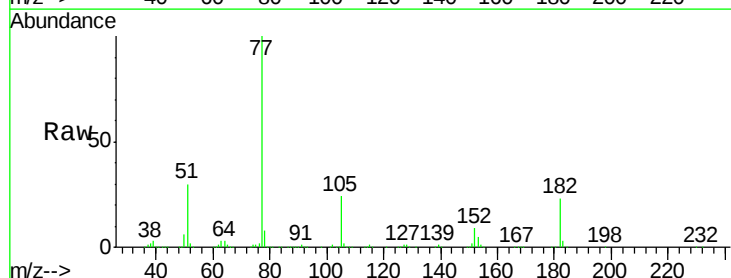
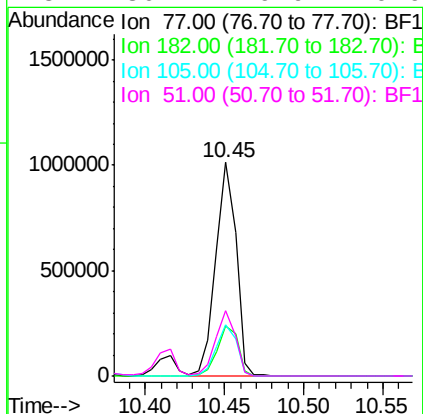
RT: 10.45 min Scan# 1422

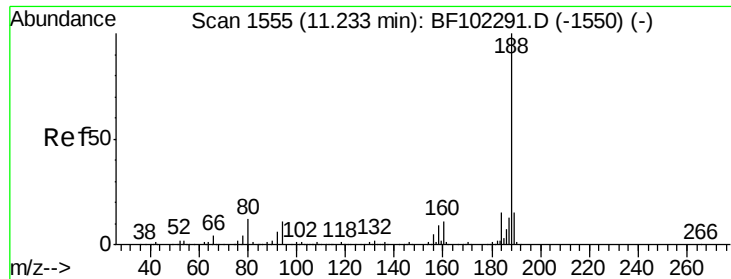
Delta R.T. -0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Tgt Ion:	77	Resp:	903868
Ion Ratio	Lower	Upper	
77	100		
182	23.3	1.7	41.7
105	24.0	3.0	43.0
51	30.4	9.9	49.9





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

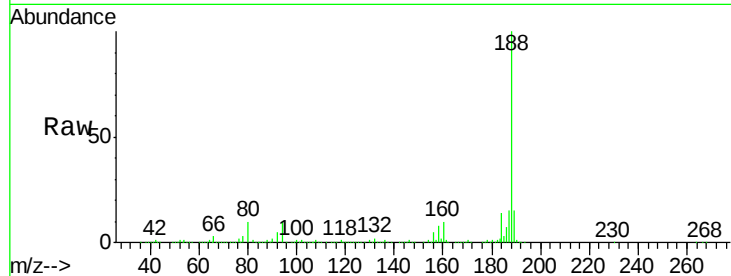
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	557094		
94	9.8		8.5	12.7
80	10.2		9.2	13.8

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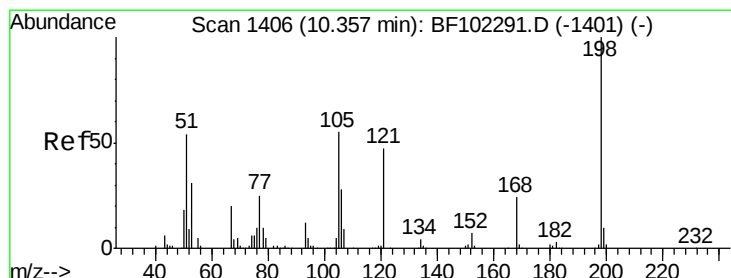
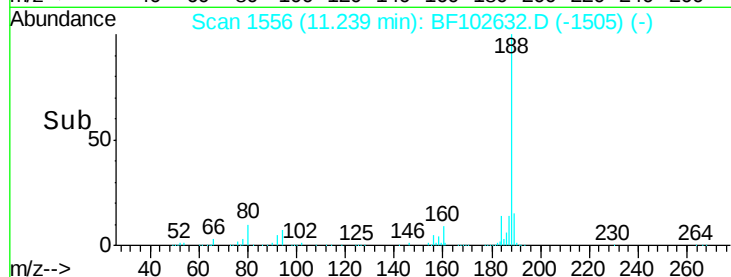
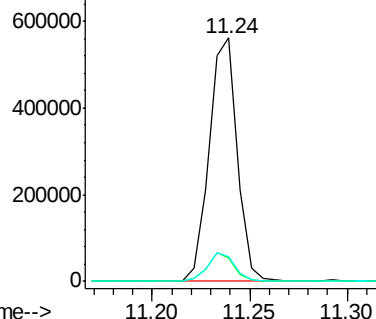
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Abundance Ion 188.00 (187.70 to 188.70): E

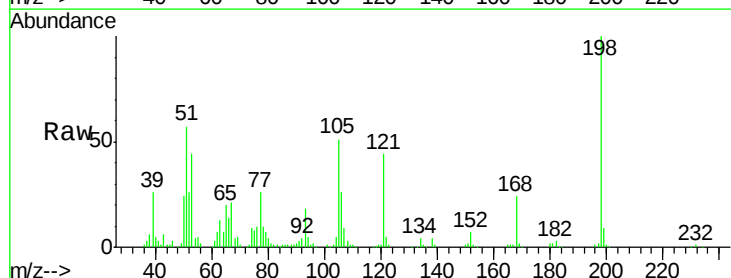
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 34.884 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

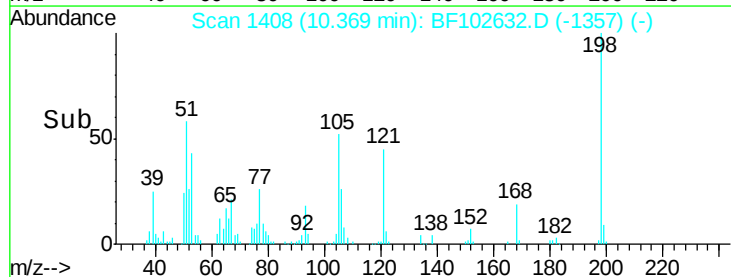
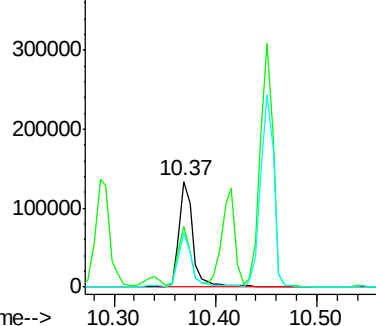
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	129653		
51	57.5		37.7	77.7
105	51.3		36.3	76.3

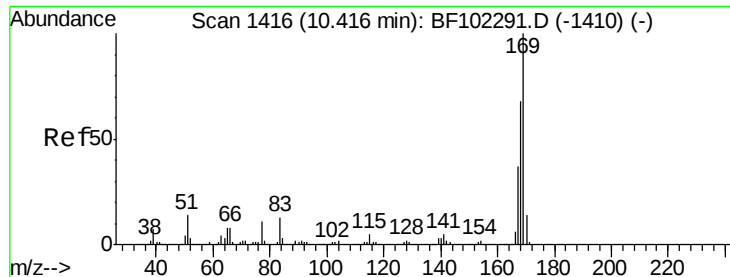


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.568 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

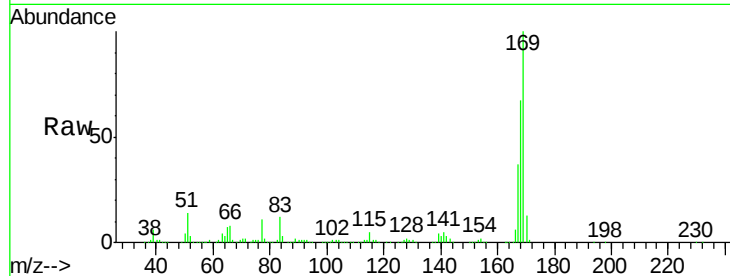
Tot Ion:	169	Resp:	768162
Ion Ratio	Lower	Upper	
169	100		
168	67.1	54.4	81.6
167	37.0	29.8	44.6

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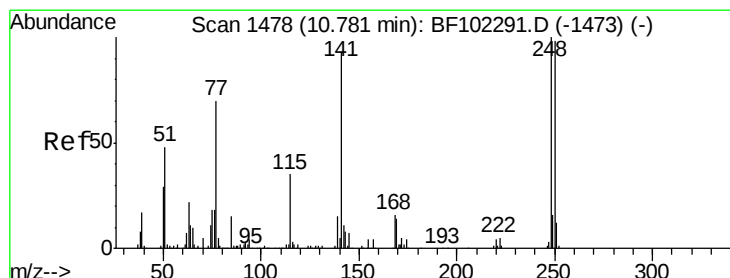
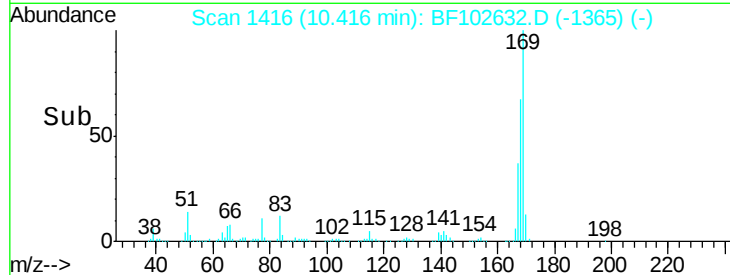
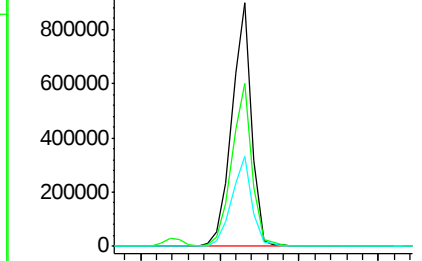
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.884 ng

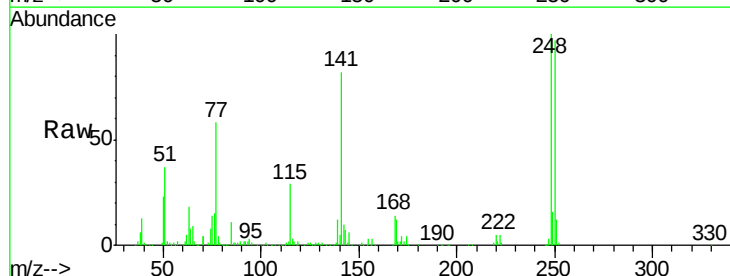
RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

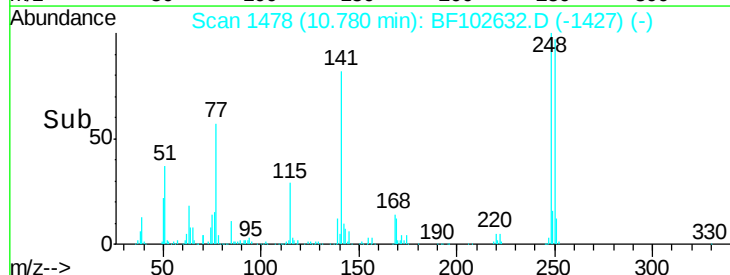
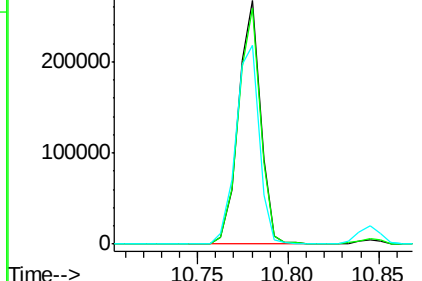
Tgt Ion:	248	Resp:	227195
Ion Ratio	Lower	Upper	
248	100		
250	97.1	76.9	115.3
141	81.6	74.4	111.6

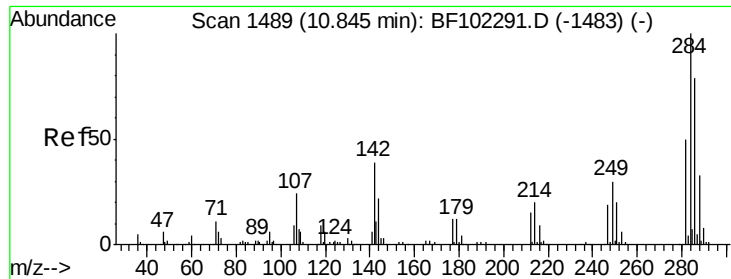


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67
Hexachlorobenzene
Concen: 35.385 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

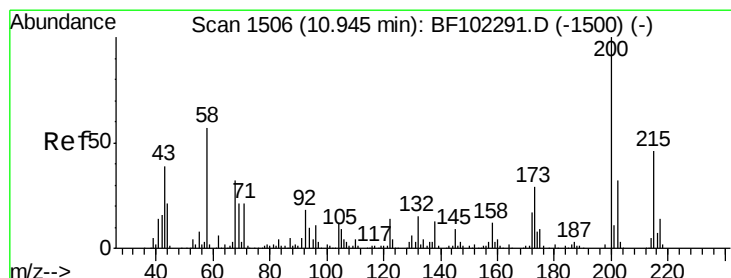
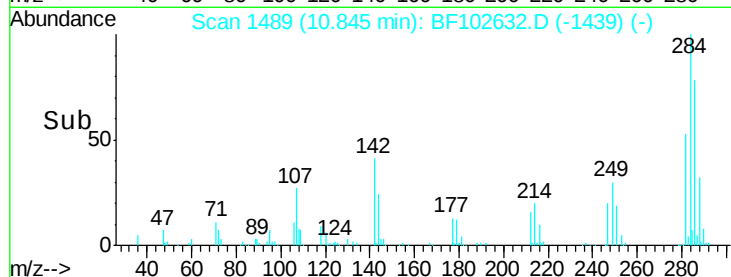
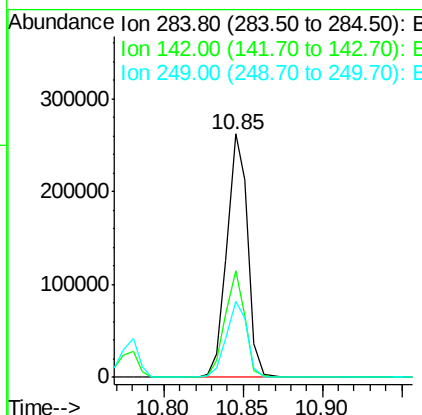
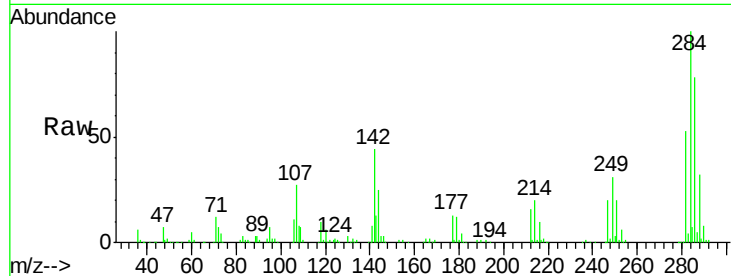
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	237325		
142	43.8	34.6	52.0	
249	31.1	24.8	37.2	

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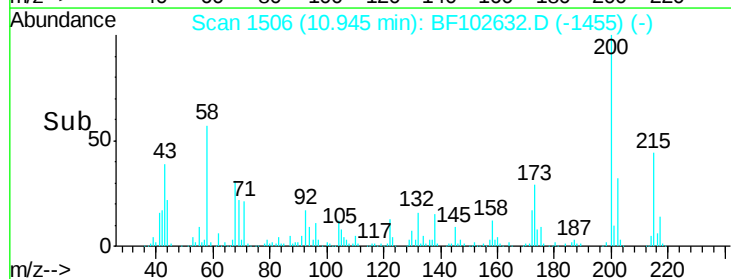
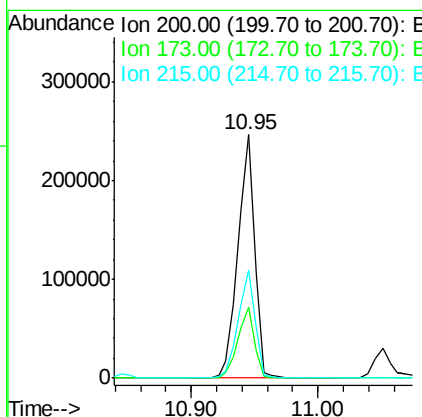
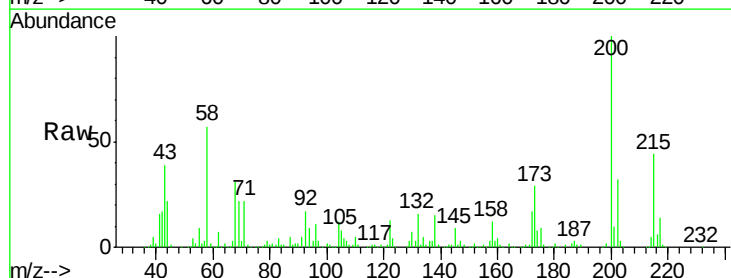
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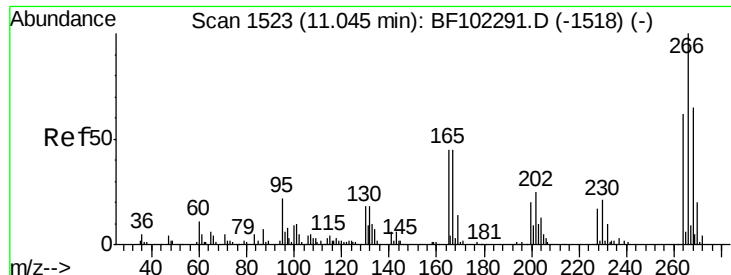
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#68
Atrazine
Concen: 36.827 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	222403		
173	29.1	8.6	48.6	
215	44.2	25.1	65.1	





#69
 Pentachlorophenol
 Concen: 46.218 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

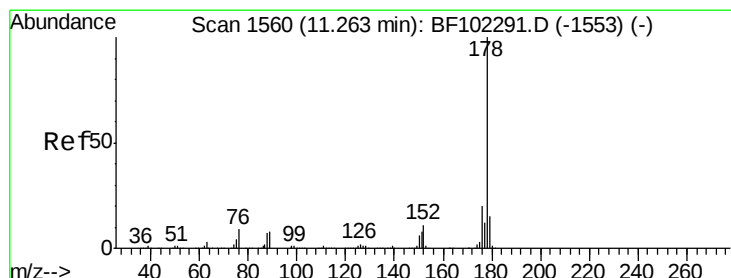
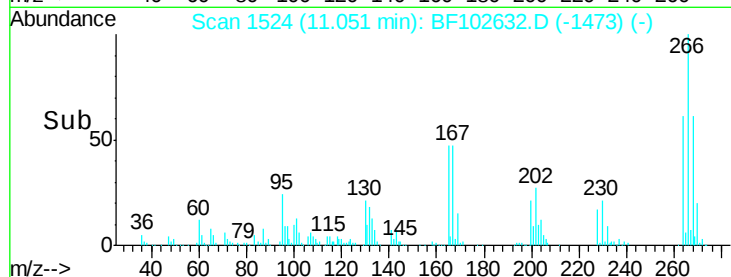
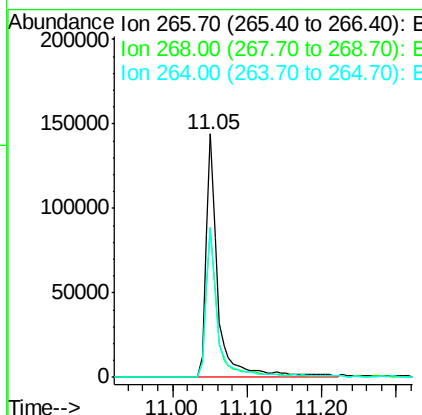
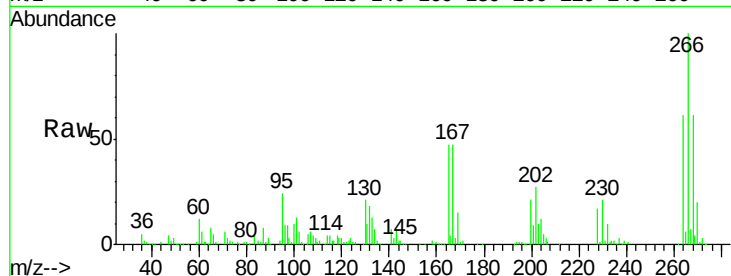
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	61.4	49.5	74.3

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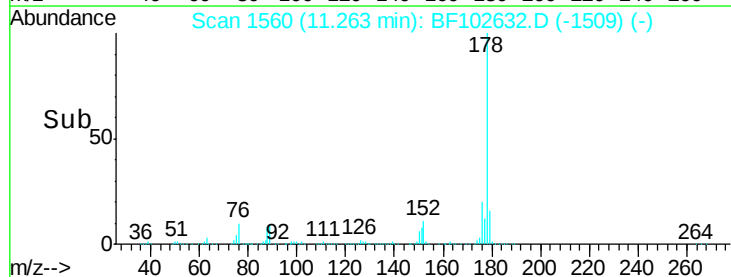
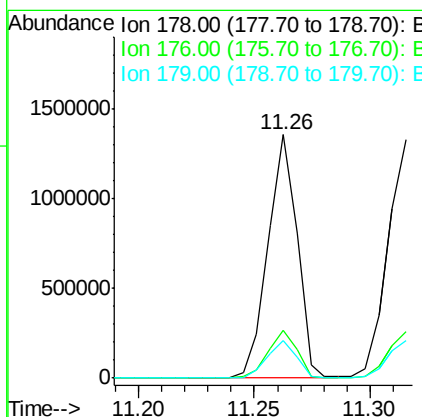
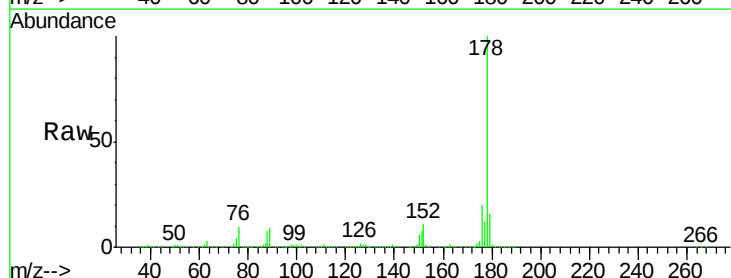
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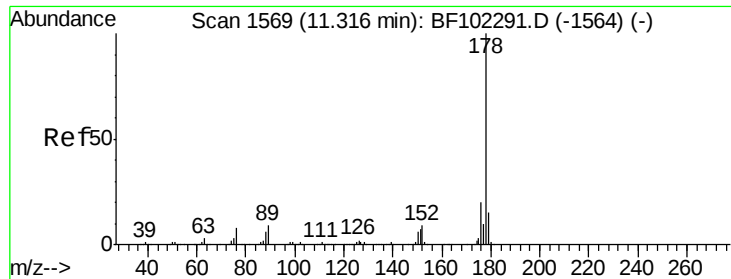
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#70
 Phenanthrene
 Concen: 36.962 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.6	13.0	19.6





#71
 Anthracene
 Concen: 36.723 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

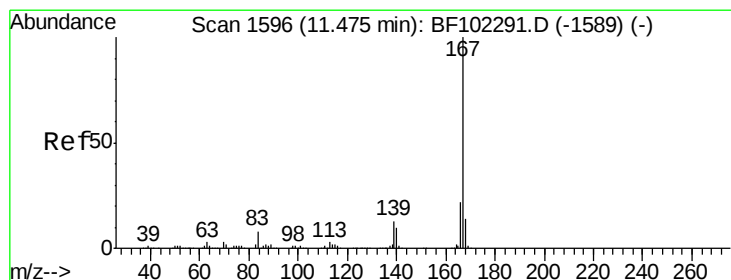
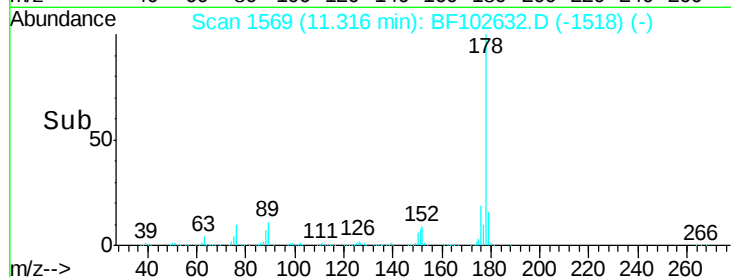
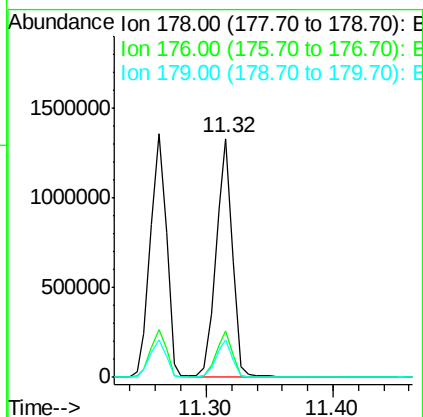
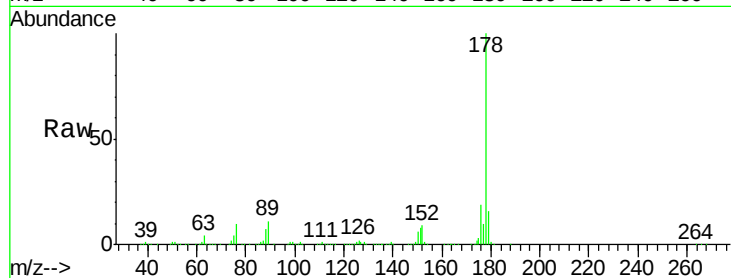
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1216792
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.8 12.6 19.0

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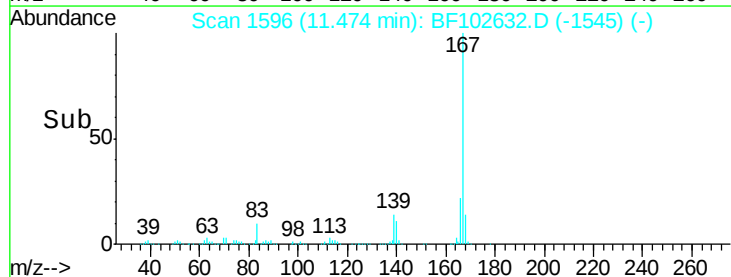
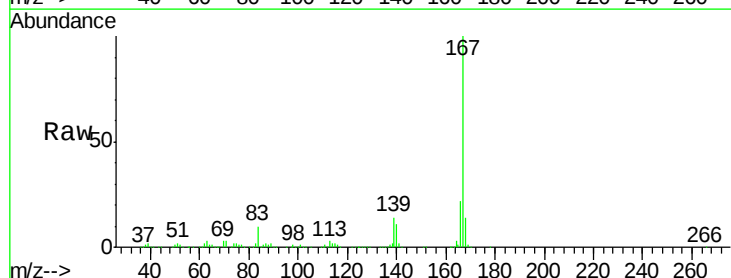
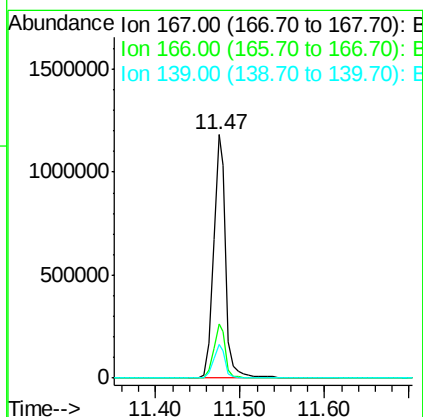
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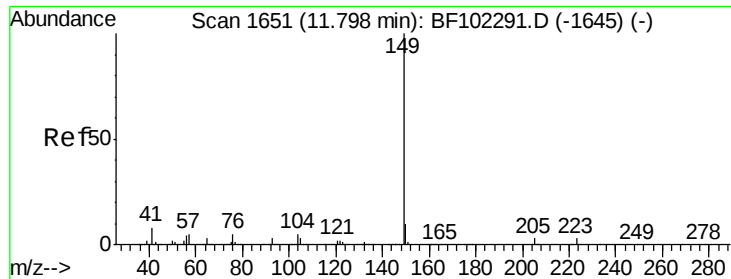
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#72
 Carbazole
 Concen: 37.603 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion:167 Resp: 1215534
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.459 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1473170

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

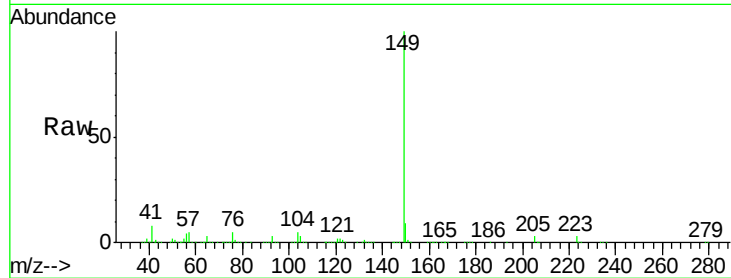
104 4.6 3.8 5.8

Manual Integrations
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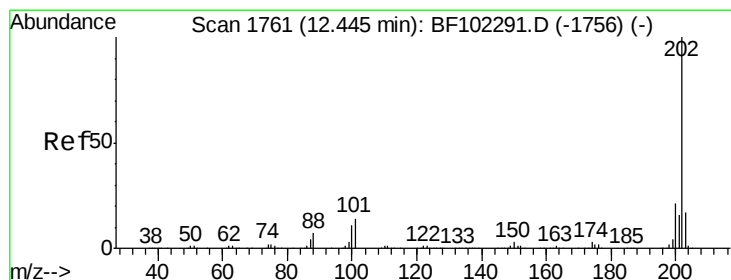
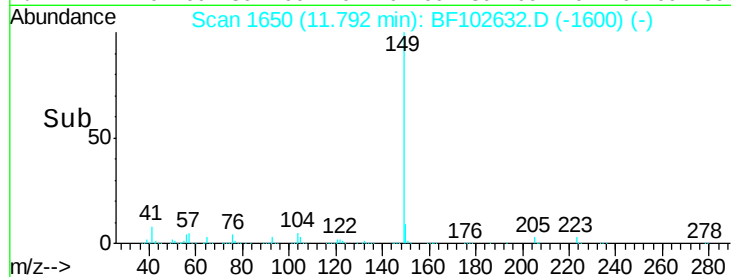
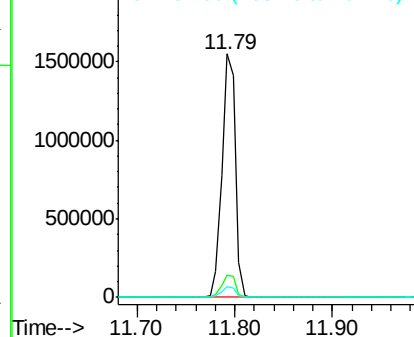
Sohil

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.134 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

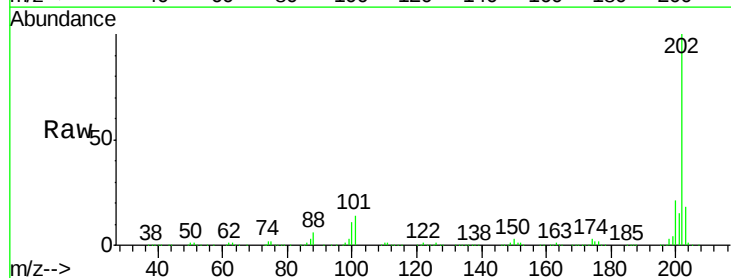
Tgt Ion:202 Resp: 1196183

Ion Ratio Lower Upper

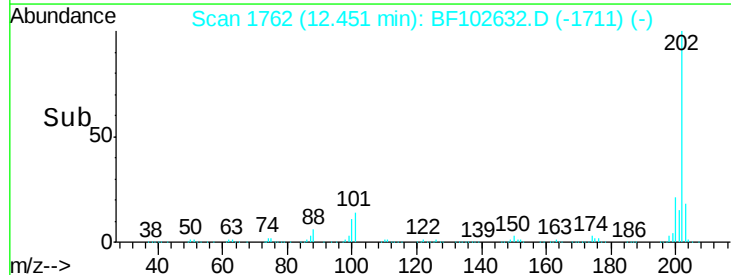
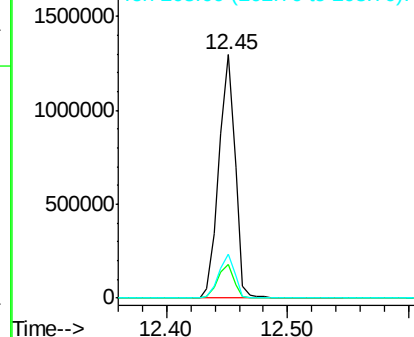
202 100

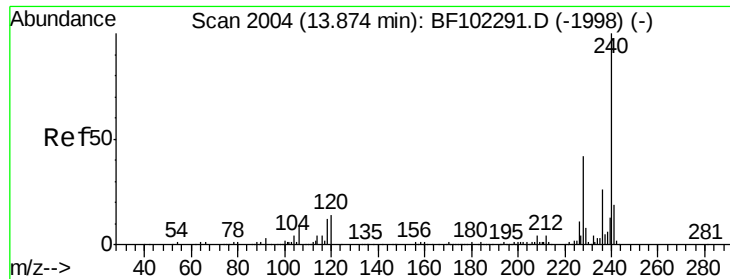
101 14.0 0.0 34.1

203 18.0 0.0 38.1



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





#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

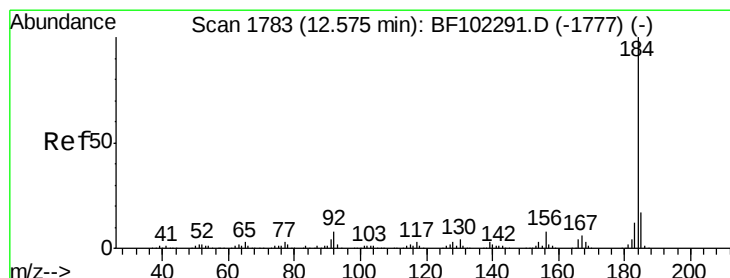
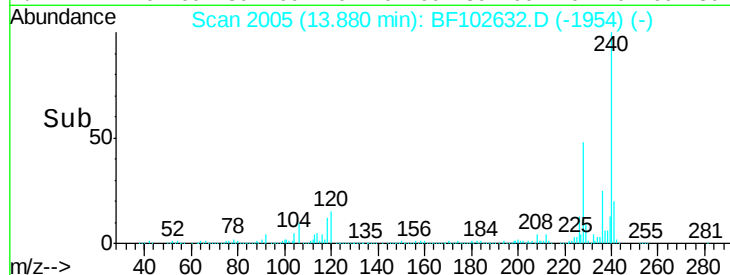
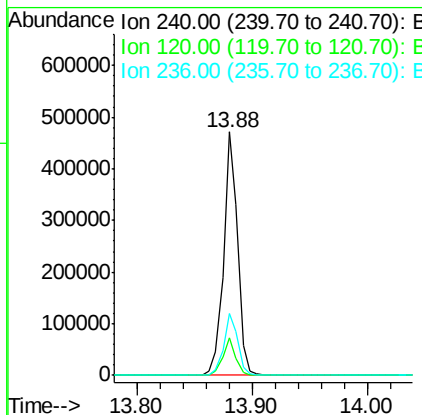
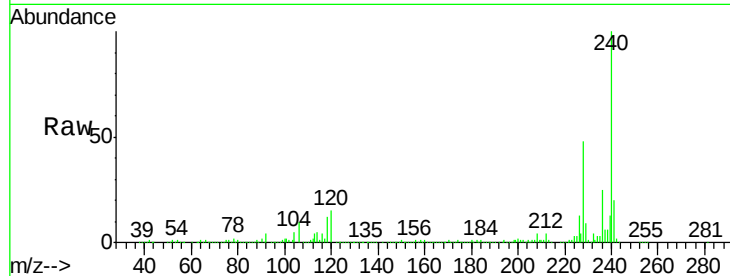
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	9.5	14.3
236	25.4	20.7	31.1

Manual Integrations
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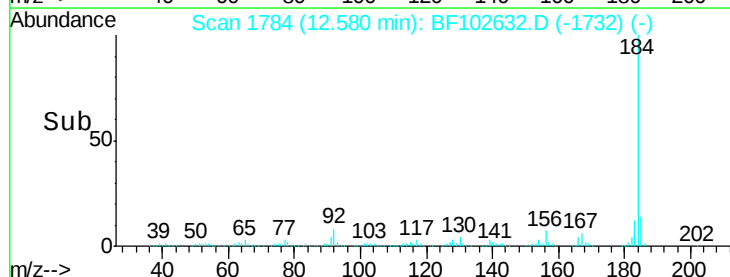
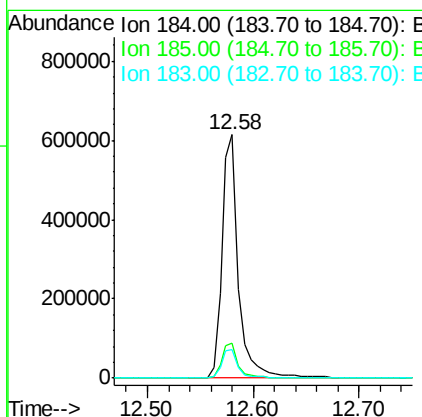
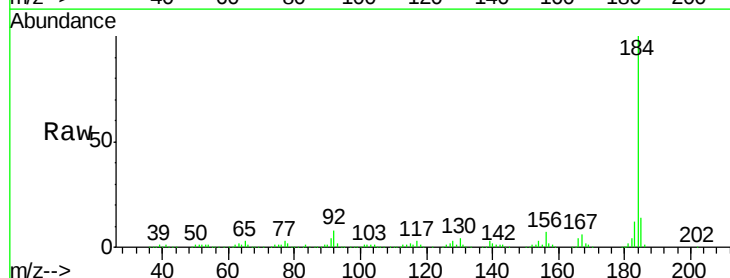
Sohil
 1/31/2018 2:00:09 PM

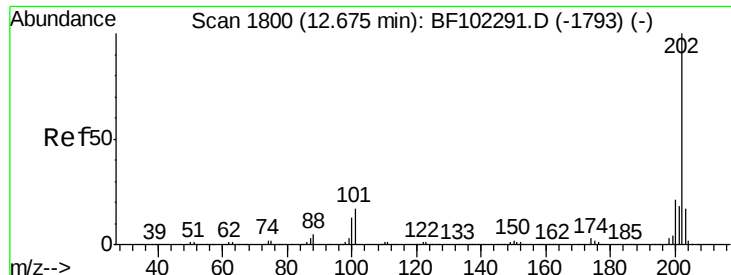
1/31/2018 2:00:09 PM



#76
 Benzidine
 Concen: 50.001 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	11.9	9.3	13.9





#77
Pvrene
Concen: 39.579 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

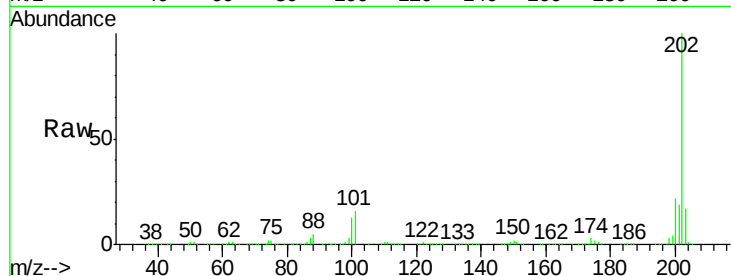
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1217352
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 17.3 14.3 21.5

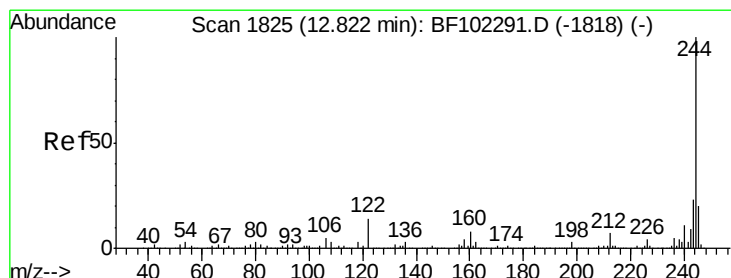
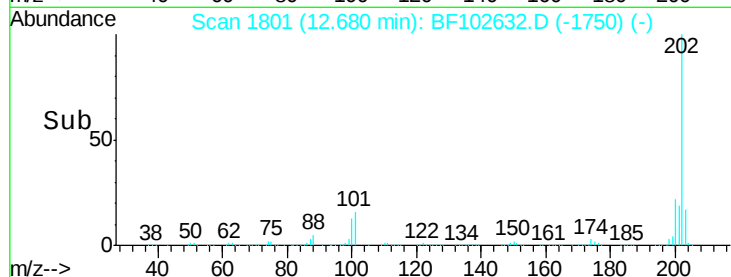
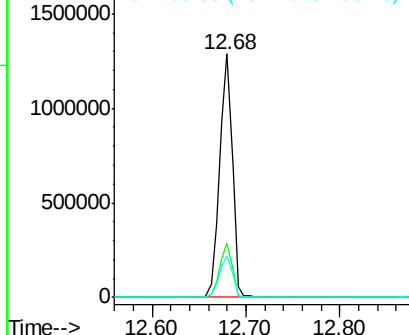
Manual Integrations
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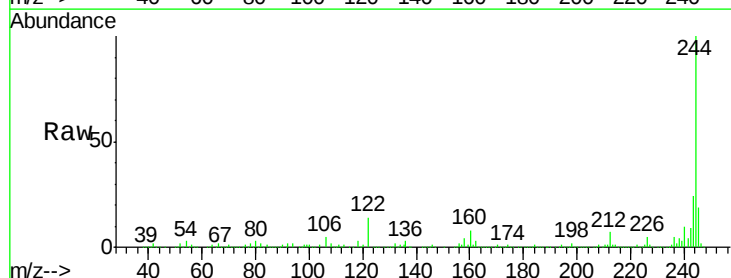


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

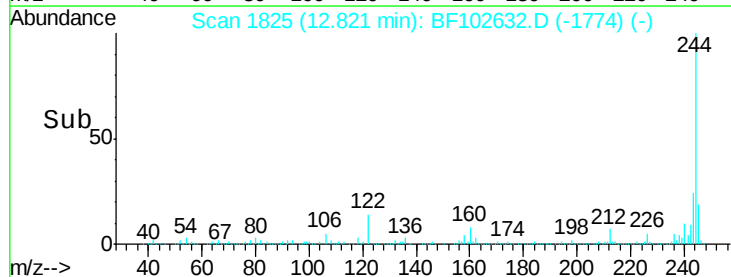
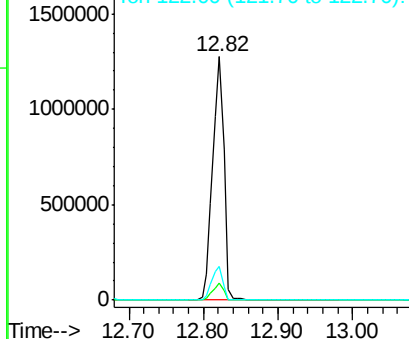


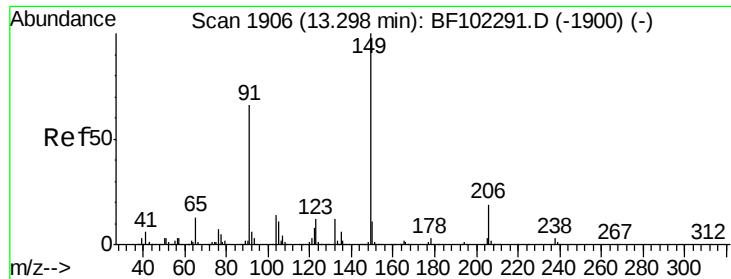
#78
Terphenyl-d14
Concen: 75.819 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion:244 Resp: 1337939
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.9 11.0 16.4



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





#79
Butylbenzylphthalate
Concen: 40.077 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

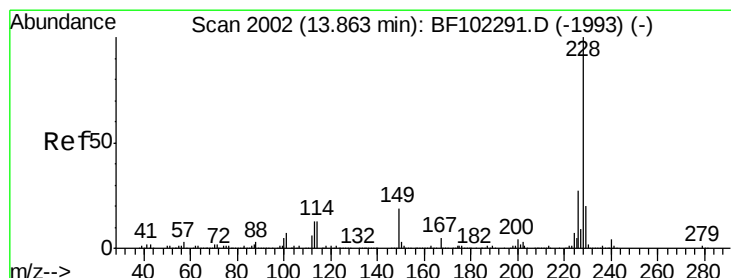
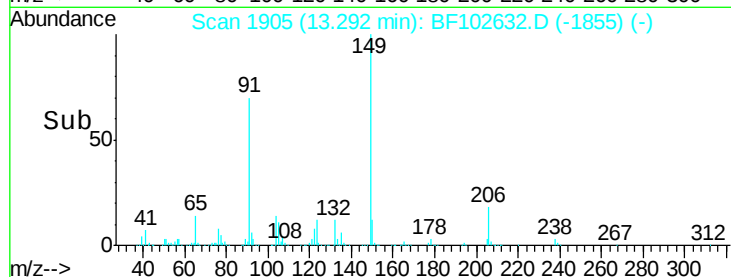
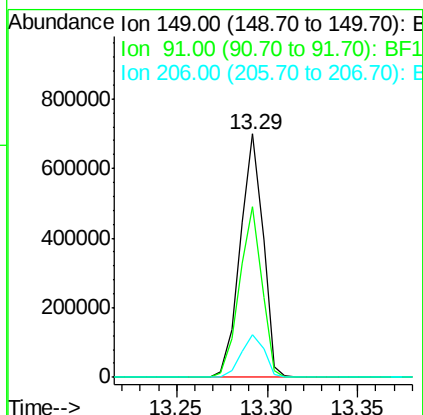
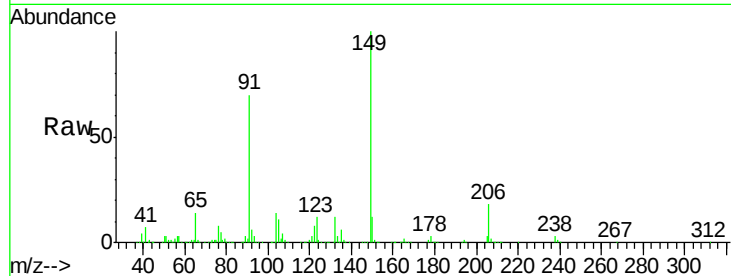
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	149	Resp:	613451
Ion Ratio	Lower	Upper	
149	100		
91	69.9	56.8	85.2
206	17.7	14.1	21.1

Manual Integrations
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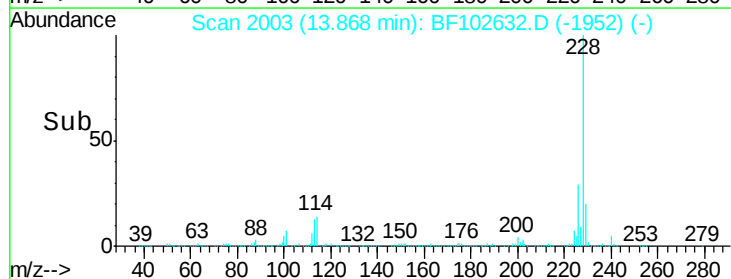
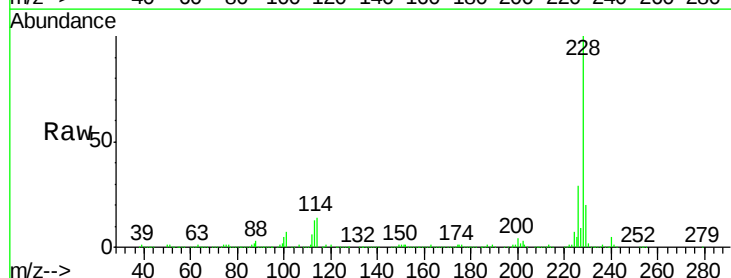
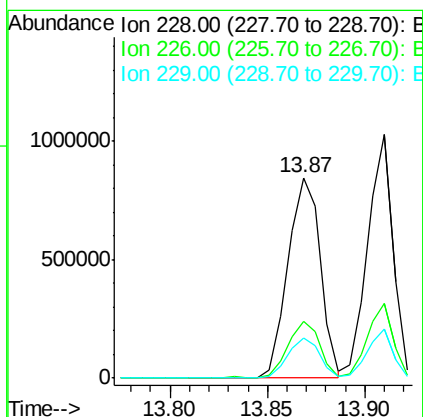
Sohil
1/31/2018 2:00:09 PM

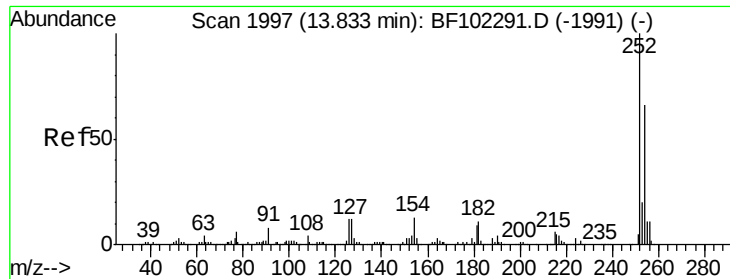
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#80
Benzo(a)anthracene
Concen: 39.737 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion:	228	Resp:	973247
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	20.1	15.8	23.6





#81
 3,3'-Dichlorobenzidine
 Concen: 37.408 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

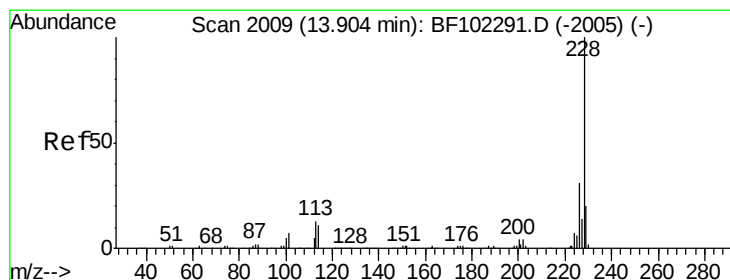
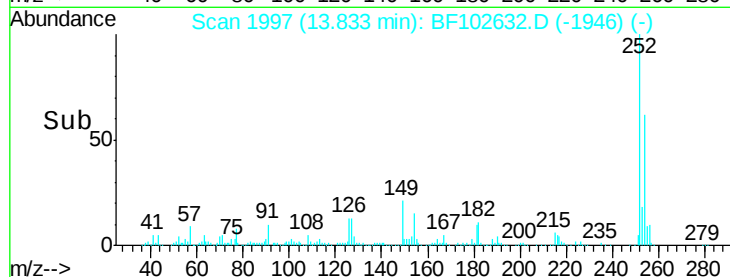
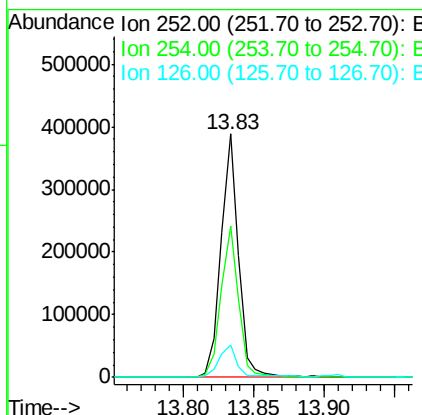
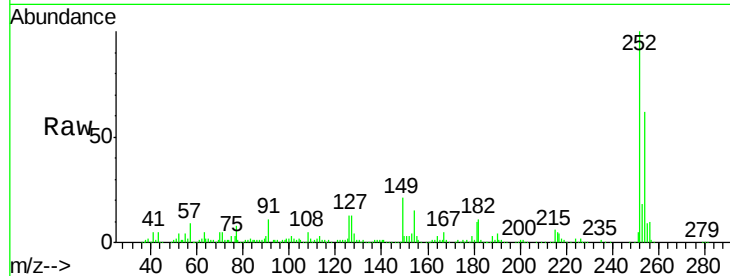
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.3	50.4	75.6
126	13.3	11.3	16.9

Manual Integrations
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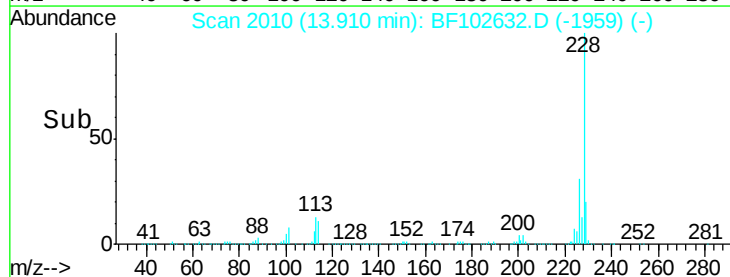
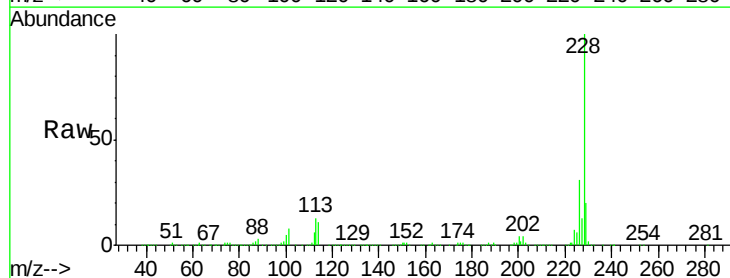
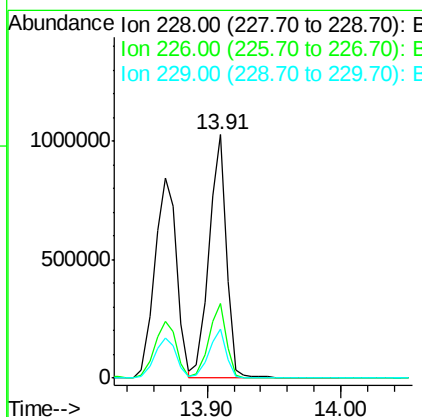
Sohil
 1/31/2018 2:00:09 PM

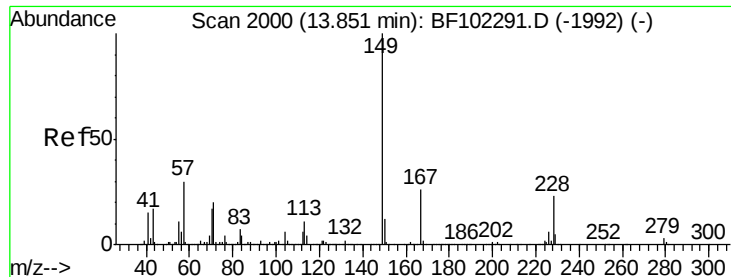
1/31/2018 2:00:09 PM



#82
 Chrysene
 Concen: 37.642 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.744 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

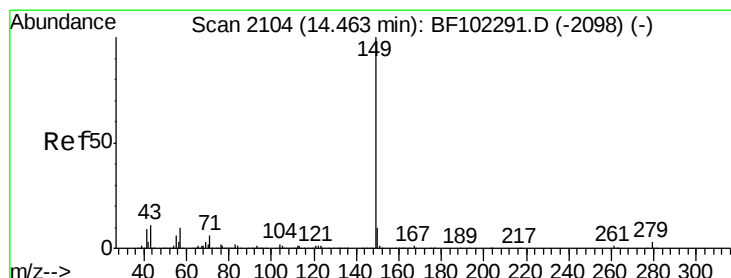
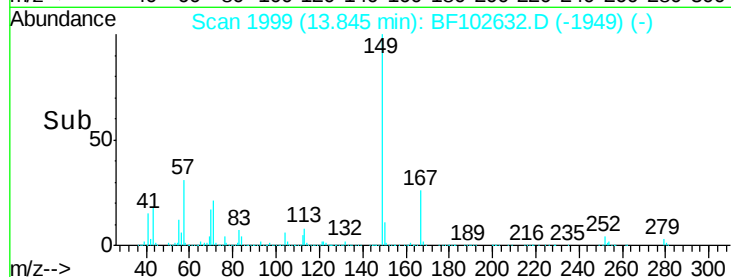
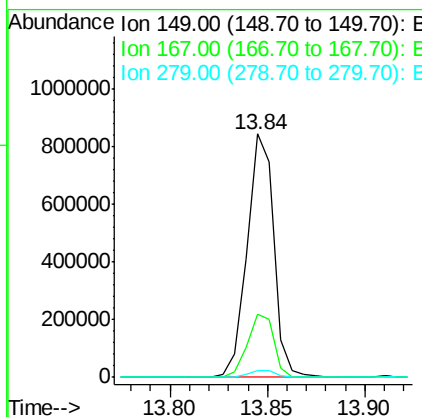
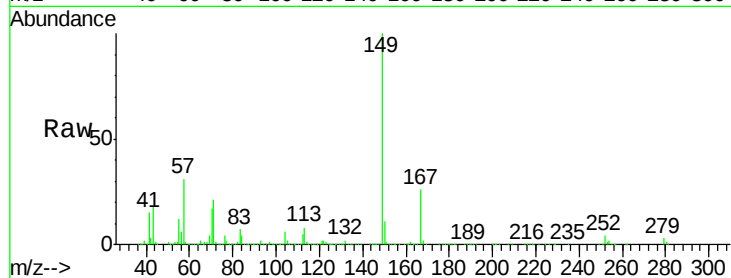
Tot Ion:	149	Resp:	796980
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.3	31.9
279	2.7	3.0	4.4#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 36.298 ng

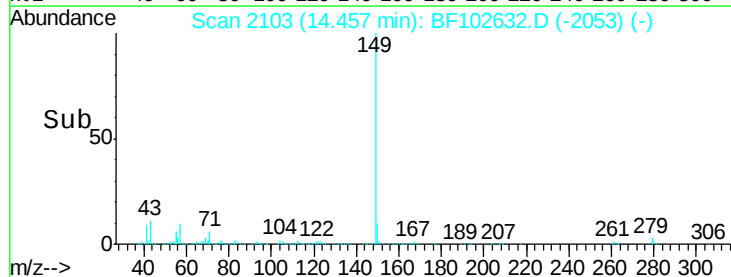
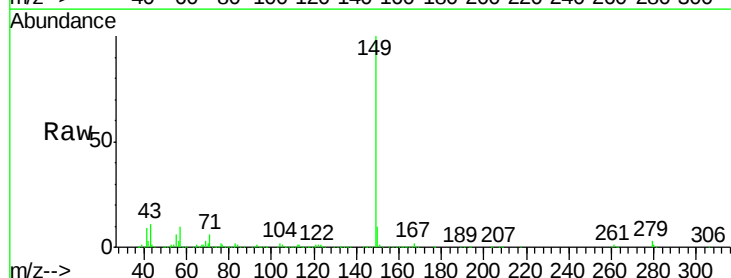
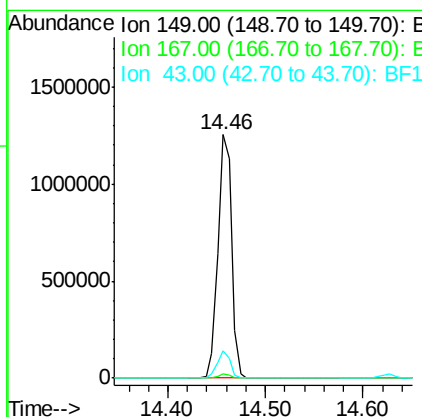
RT: 14.46 min Scan# 2103

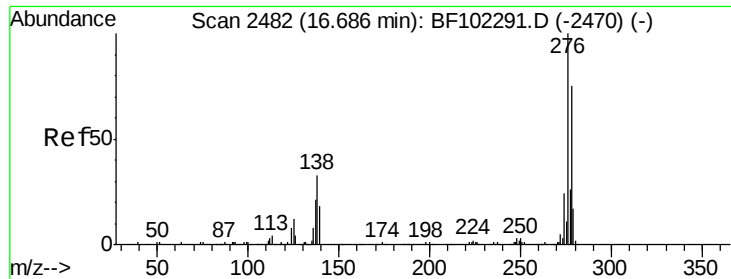
Delta R.T. -0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Tgt Ion:	149	Resp:	1214269
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.4	8.4	12.6





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.849 ng
 RT: 16.72 min Scan# 2487
 Delta R.T. 0.01 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

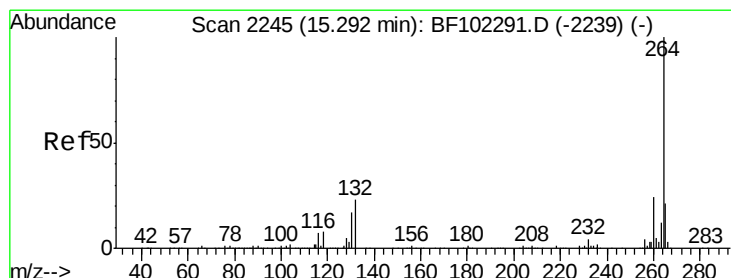
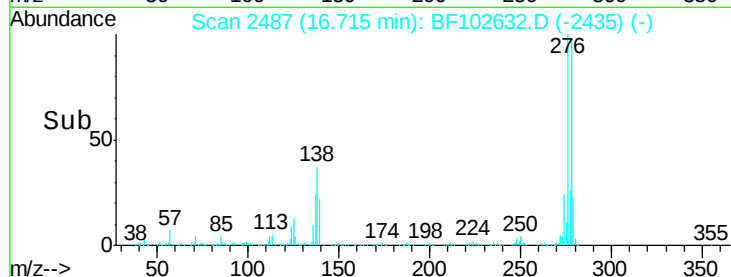
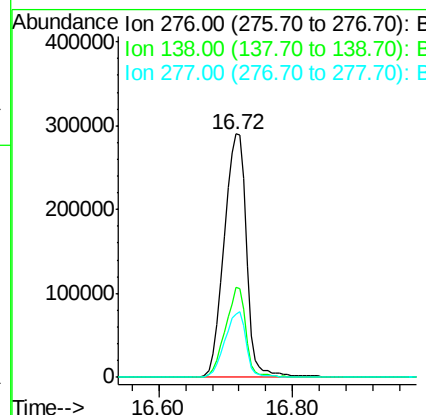
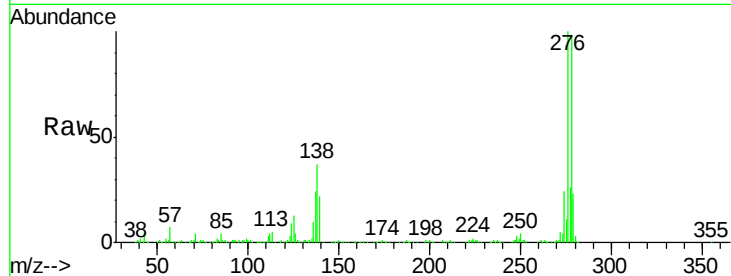
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	25.0	37.6
277	25.7	20.1	30.1

Manual Integrations
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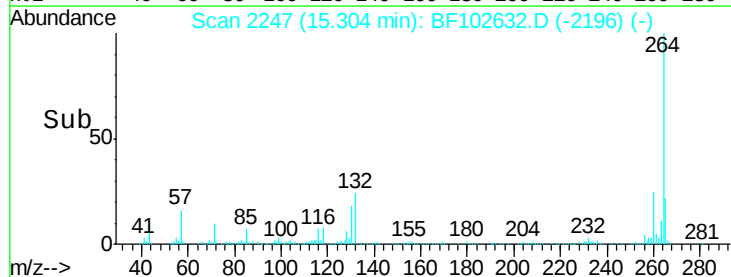
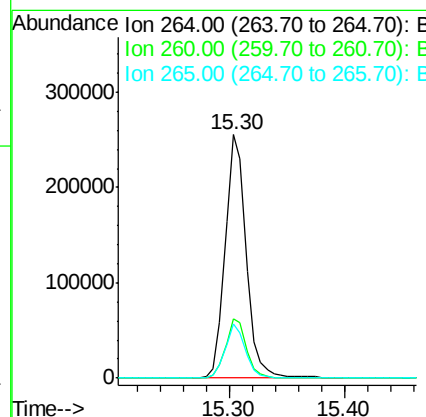
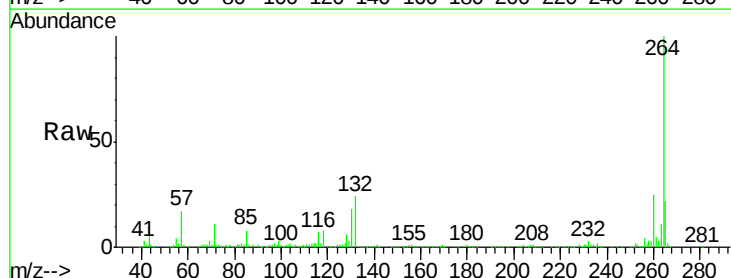
Sohil
 1/31/2018 2:00:09 PM

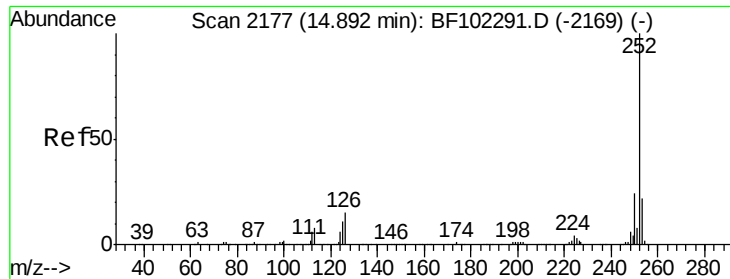
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BF102632.D
 Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.0	17.5	26.3





#87
Benzo(b)fluoranthene
Concen: 40.792 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

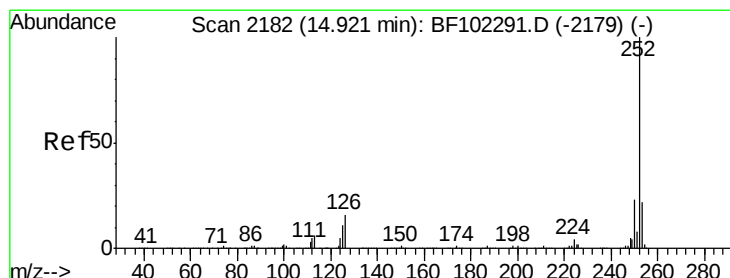
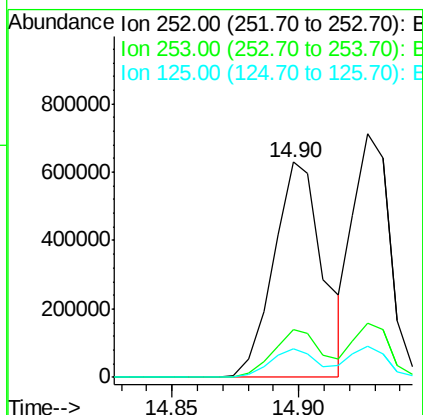
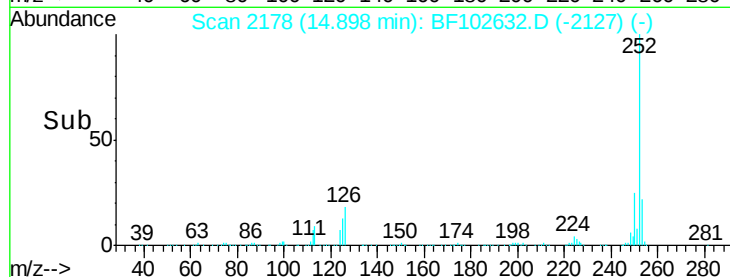
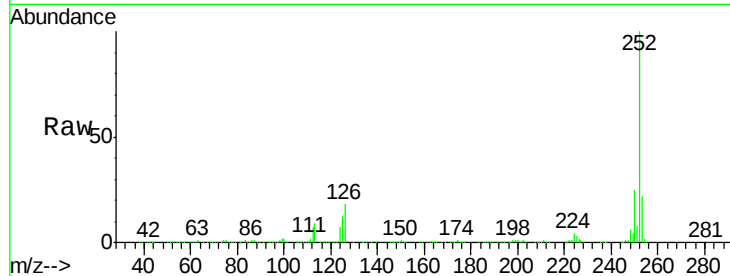
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.3	9.0	13.6

Manual Integrations
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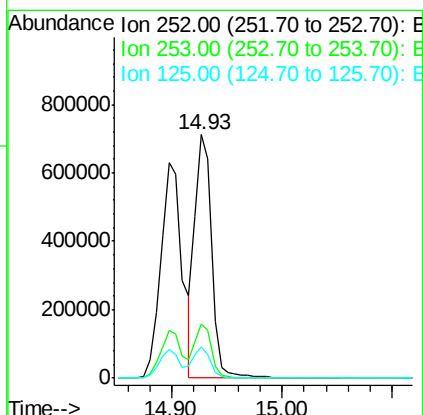
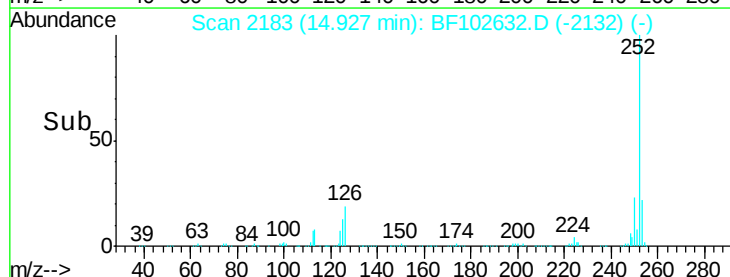
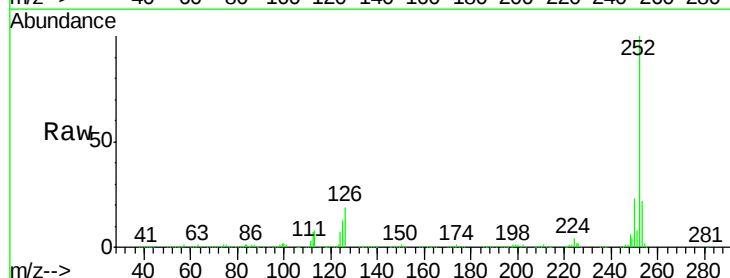
Sohil
1/31/2018 2:00:09 PM

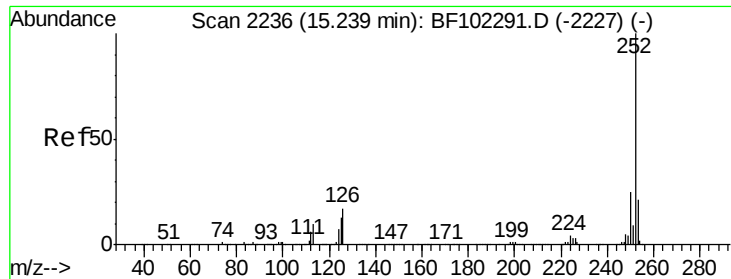
1/31/2018 2:00:09 PM



#88
Benzo(k)fluoranthene
Concen: 37.252 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.0	10.2	15.2





#89
Benzo(a)pyrene
Concen: 38.356 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

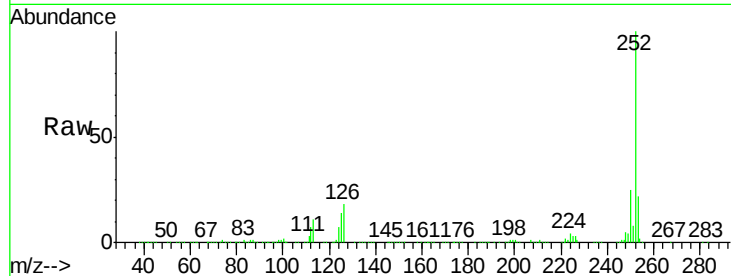
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.3	9.8	14.6

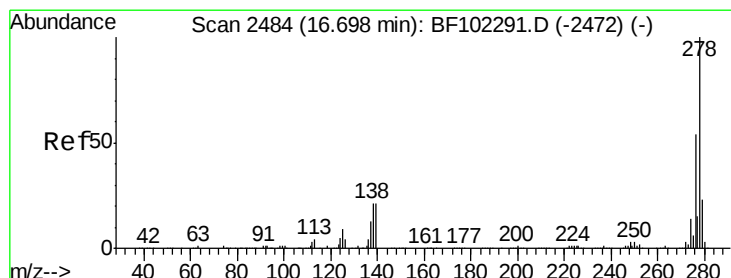
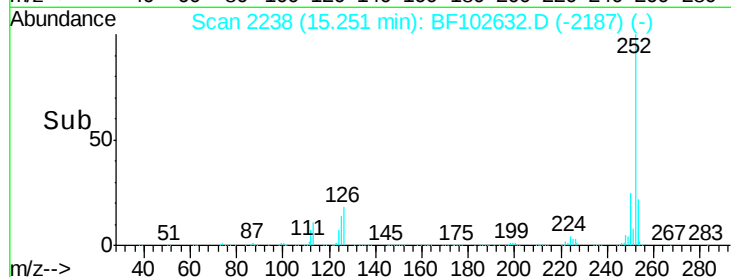
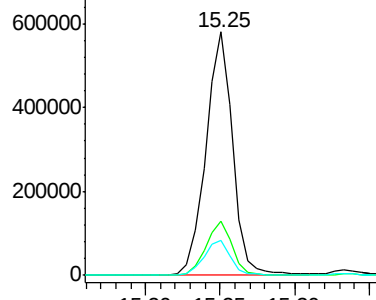
Manual Integrations
APPROVED

Sohil
1/31/2018 2:00:09 PM

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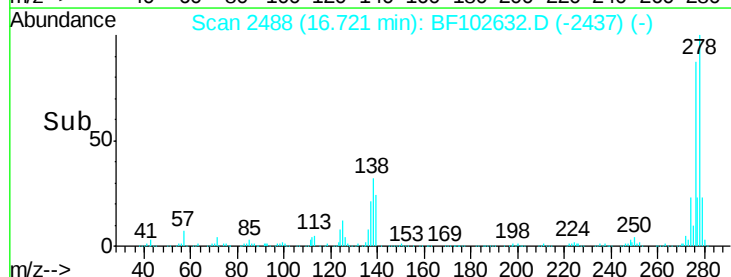
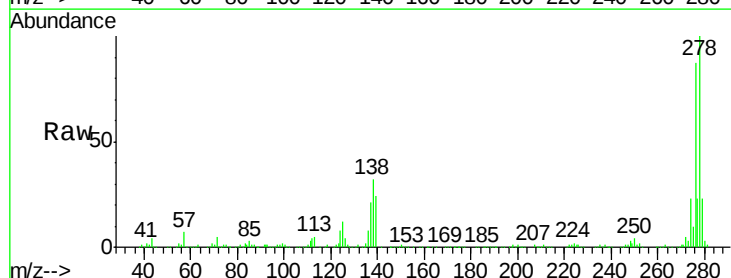
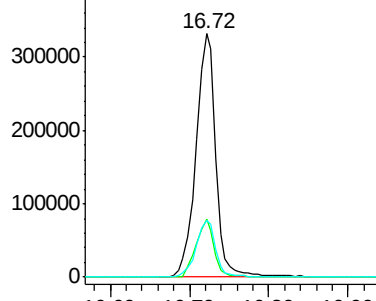
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

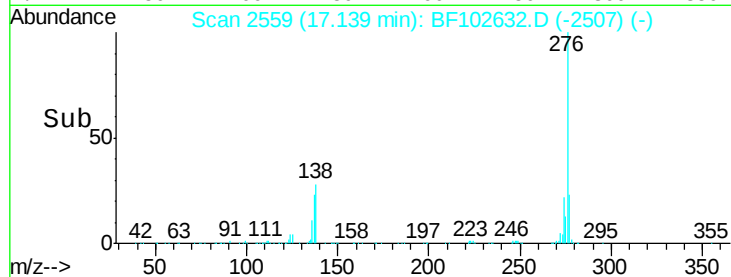
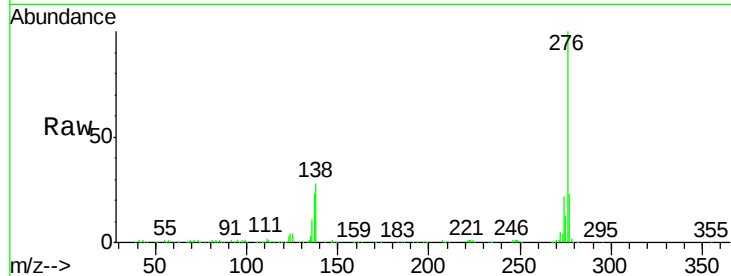
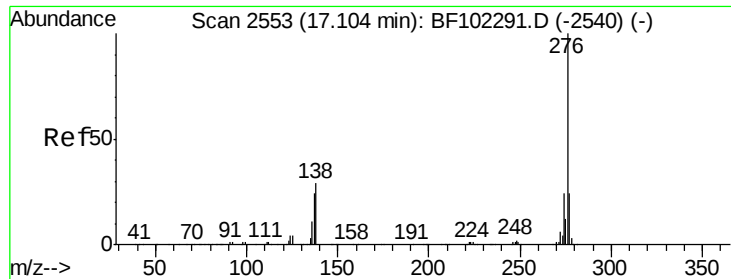


#90
Dibenzo(a,h)anthracene
Concen: 37.542 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.00 min
Lab File: BF102632.D
Acq: 30 Jan 2018 11:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.6	15.9	23.9
279	23.4	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.831 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF102632.D

Acq: 30 Jan 2018 11:53

Tot Ion:	276	Resp:	600972
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.9	26.9
138	28.3	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

Sohil

1/31/2018 2:00:09 PM

1/31/2018 2:00:09 PM

