

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF013118\
 Data File : BF102678.D
 Acq On : 1 Feb 2018 1:56
 Operator : SJ/JU
 Sample : J1010-11MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MSD

Manual Integrations
 APPROVED

Sohil
 2/1/2018 12:14:37 PM

Quant Time: Feb 12 19:06:55 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	152872	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	567784	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	206906	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	324874	20.00	ng	0.00
75) Chrysene-d12	13.88	240	279515	20.00	ng	0.01
86) Perylene-d12	15.30	264	203890	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1163525	115.40	ng	0.05
7) Phenol-d6	6.39	99	1232244	101.38	ng	0.03
23) Nitrobenzene-d5	7.29	82	911144	92.22	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	218127	106.40	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	1379393	98.02	ng	0.00
78) Terphenyl-d14	12.82	244	1154794	93.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	197658	41.262	ng	# 82
3) Pyridine	3.33	79	84625m	6.760	ng	
4) n-Nitrosodimethylamine	3.22	42	262022	53.389	ng	# 99
6) Aniline	6.39	93	320898	19.960	ng	# 71
8) 2-Chlorophenol	6.52	128	441510	41.775	ng	96
9) Benzaldehyde	6.27	77	125410	15.404	ng	98
10) Phenol	6.40	94	466266	35.137	ng	93
11) bis(2-Chloroethyl)ether	6.46	93	445305	44.122	ng	95
12) 1,3-Dichlorobenzene	6.65	146	492990	39.221	ng	99
13) 1,4-Dichlorobenzene	6.73	146	501321	39.816	ng	100
14) 1,2-Dichlorobenzene	6.88	146	445218	38.658	ng	99
15) Benzyl Alcohol	6.87	79	330817	38.574	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	699893	41.347	ng	79
17) 2-Methylphenol	7.00	107	350234	38.157	ng	# 92
18) Hexachloroethane	7.21	117	137620	31.366	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	321265	43.189	ng	98
20) 3+4-Methylphenols	7.15	107	462478	42.841	ng	91
22) Acetophenone	7.13	105	640855	47.348	ng	# 99
24) Nitrobenzene	7.30	77	448222	44.330	ng	98
25) Isophorone	7.55	82	818829	46.488	ng	98
26) 2-Nitrophenol	7.62	139	228116	42.866	ng	99
27) 2,4-Dimethylphenol	7.67	122	383573	49.639	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	541015	49.722	ng	100
29) 2,4-Dichlorophenol	7.87	162	347793	44.186	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	348622	41.318	ng	100
31) Naphthalene	8.02	128	1213122	42.793	ng	100
32) Benzoic acid	7.82	122	159305	24.607	ng	98
33) 4-Chloroaniline	8.08	127	342378	28.721	ng	99
34) Hexachlorobutadiene	8.12	225	187714	41.655	ng	99
35) Caprolactam	8.46	113	77629m	29.863	ng	
36) 4-Chloro-3-methylphenol	8.58	107	337807	40.715	ng	98
37) 2-Methylnaphthalene	8.71	142	782704	41.458	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	297731	47.828	ng	99
40) Hexachlorocyclopentadiene	8.85	237	6092	2.187	ng	98

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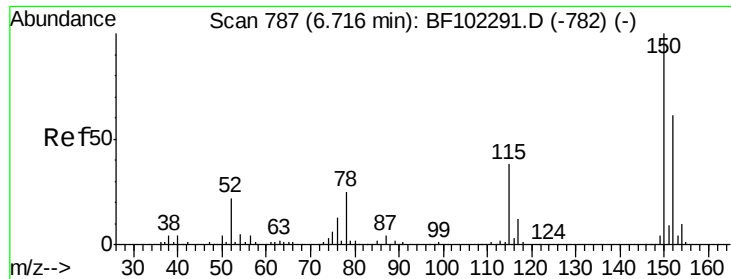
Manual Integrations
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 2/1/2018 12:14:37 PM

Quant Time: Feb 12 19:06:55 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	193258	46.376	ng	98
43) 2,4,5-Trichlorophenol	9.05	196	189139	40.311	ng	97
45) 1,1'-Biphenyl	9.17	154	875265	47.310	ng	99
46) 2-Chloronaphthalene	9.20	162	649277	45.150	ng	99
47) 2-Nitroaniline	9.31	65	218707	48.782	ng	98
48) Acenaphthylene	9.61	152	935904	41.774	ng	100
49) Dimethylphthalate	9.47	163	767069	44.852	ng	99
50) 2,6-Dinitrotoluene	9.55	165	154374	41.867	ng	91
51) Acenaphthene	9.78	154	559284	42.744	ng	99
52) 3-Nitroaniline	9.72	138	178561	40.936	ng	94
53) 2,4-Dinitrophenol	9.85	184	15826	12.820	ng #	21
54) Dibenzofuran	9.95	168	801892	45.284	ng	96
55) 4-Nitrophenol	9.92	139	125833	43.703	ng	92
56) 2,4-Dinitrotoluene	9.96	165	174487	38.482	ng #	88
57) Fluorene	10.30	166	632609	45.083	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	137696	41.103	ng	95
59) Diethylphthalate	10.17	149	717162	43.153	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	275679	45.315	ng	100
61) 4-Nitroaniline	10.34	138	182078	41.832	ng	92
62) Azobenzene	10.45	77	642612	42.233	ng	99
64) 4,6-Dinitro-2-methylphenol	10.37	198	15033	6.936	ng	93
65) n-Nitrosodiphenylamine	10.41	169	560087	46.971	ng	98
66) 4-Bromophenyl-phenylether	10.77	248	159149	45.507	ng	96
67) Hexachlorobenzene	10.85	284	159867	40.874	ng	94
68) Atrazine	10.95	200	144048	40.902	ng	99
69) Pentachlorophenol	11.05	266	107688	52.412	ng	97
70) Phenanthrene	11.26	178	844154	44.591	ng	98
71) Anthracene	11.31	178	875553	45.312	ng	100
72) Carbazole	11.47	167	860435	45.644	ng	100
73) Di-n-butylphthalate	11.79	149	1039393	44.111	ng	99
74) Fluoranthene	12.45	202	914374	47.364	ng	97
77) Pyrene	12.68	202	933509	43.196	ng	99
79) Butylbenzylphthalate	13.29	149	479748	44.608	ng	100
80) Benzo(a)anthracene	13.87	228	833758	48.449	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	233407	36.974	ng #	97
82) Chrysene	13.90	228	778484	44.547	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	639657	44.257	ng #	99
84) Di-n-octyl phthalate	14.45	149	1162436	49.455	ng	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	499147	34.585	ng	97
87) Benzo(b)fluoranthene	14.90	252	632697	47.877	ng	98
88) Benzo(k)fluoranthene	14.93	252	597655	47.868	ng	97
89) Benzo(a)pyrene	15.24	252	547229	45.914	ng #	95
90) Dibenzo(a,h)anthracene	16.72	278	421443	43.652	ng	99
91) Benzo(g,h,i)perylene	17.14	276	418676	43.919	ng	100

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



#1

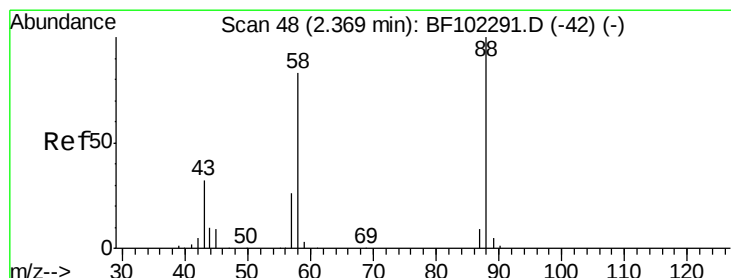
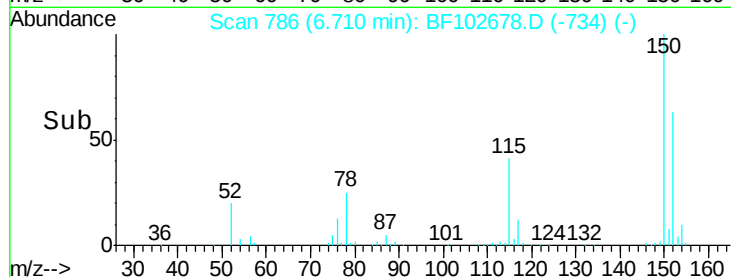
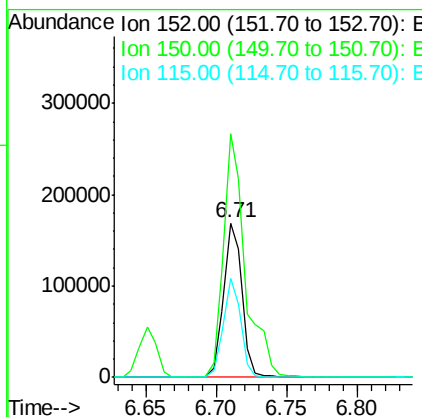
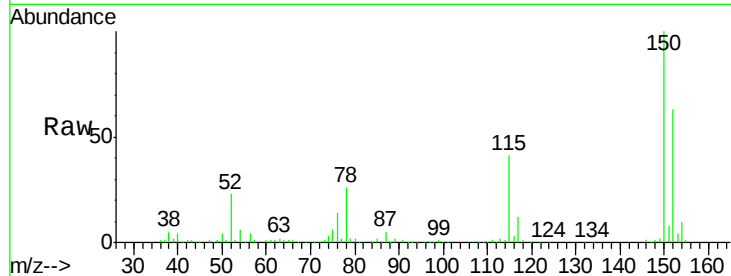
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	64.2	50.1	75.1

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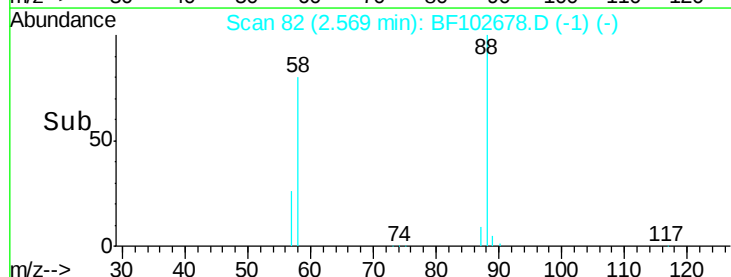
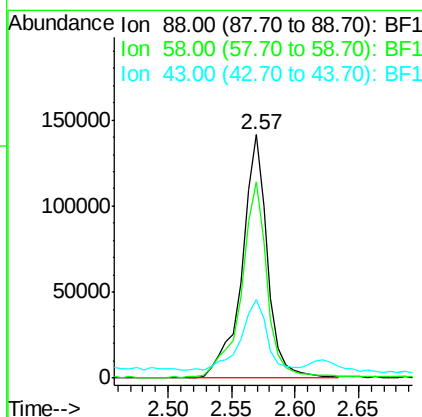
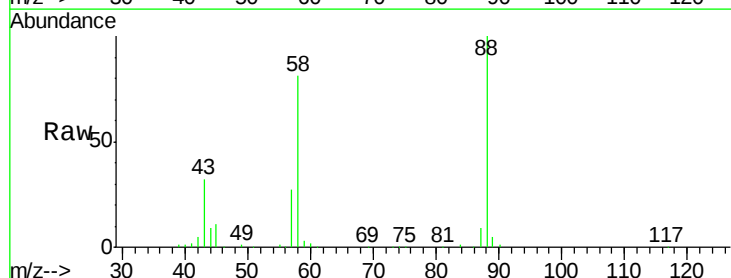
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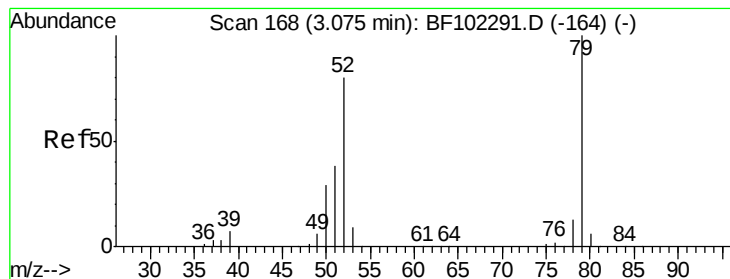


#2

1,4-Dioxane
Concen: 41.262 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.21 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	62.6	93.8
43	0.0	24.6	37.0





#3

Pyridine

Concen: 6.760 ng m

RT: 3.33 min Scan# 211

Delta R.T. 0.27 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

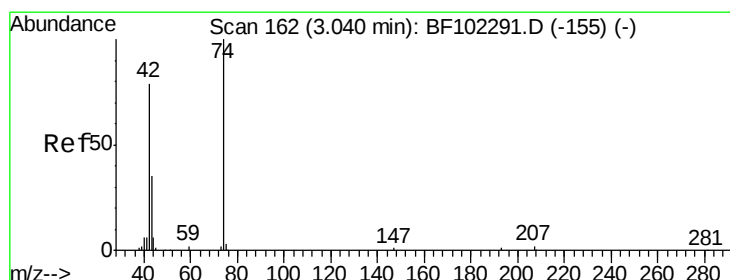
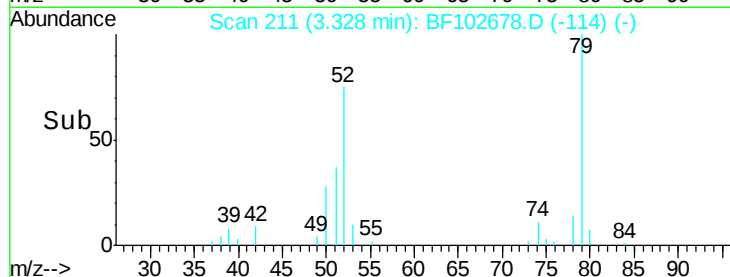
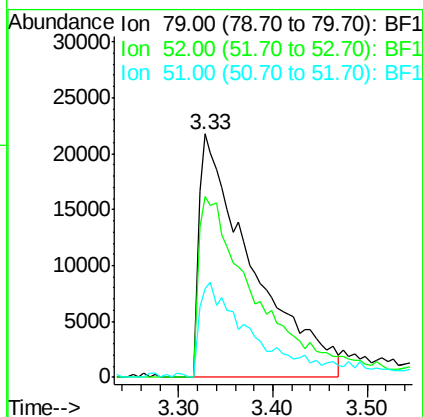
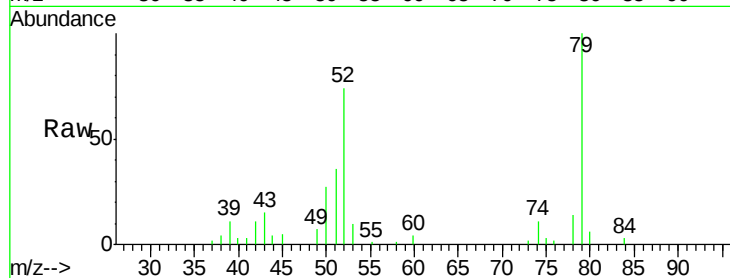
ClientSampleId :

BU-02-013018MSD

Tgt Ion:	79	Resp:	84625
Ion Ratio	Lower	Upper	
79	100		
52	74.1	59.8	89.6
51	36.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 53.389 ng

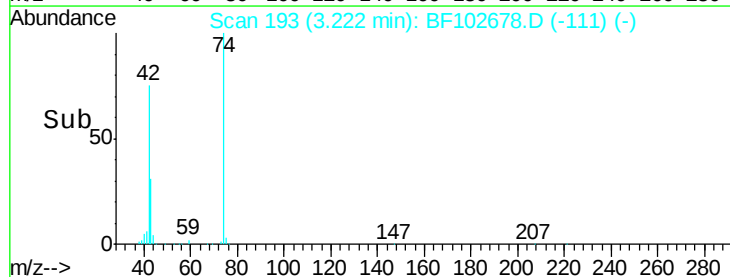
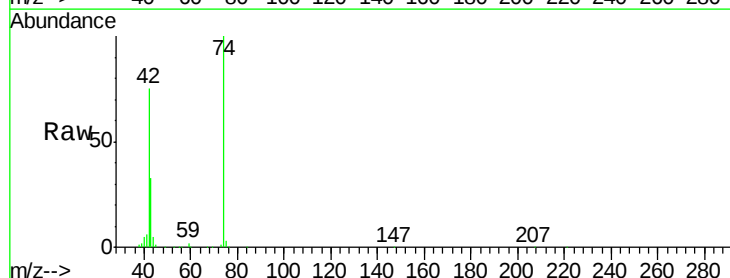
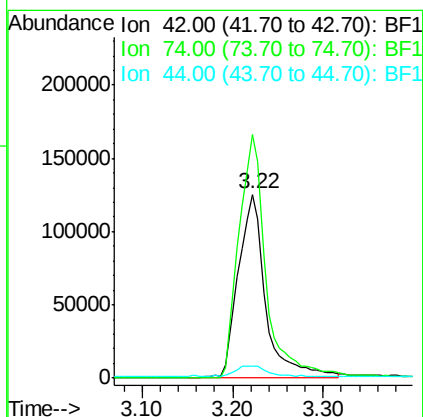
RT: 3.22 min Scan# 193

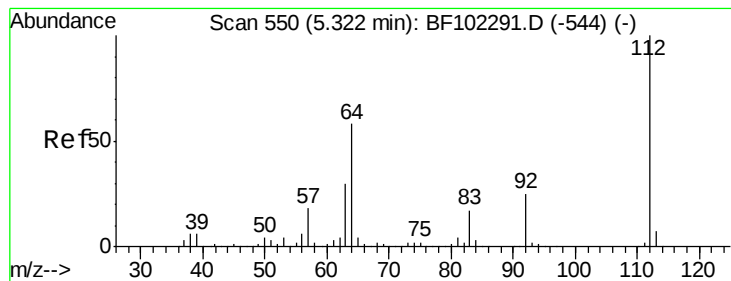
Delta R.T. 0.18 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:	42	Resp:	262022
Ion Ratio	Lower	Upper	
42	100		
74	132.6	104.9	157.3
44	6.8	6.9	10.3#





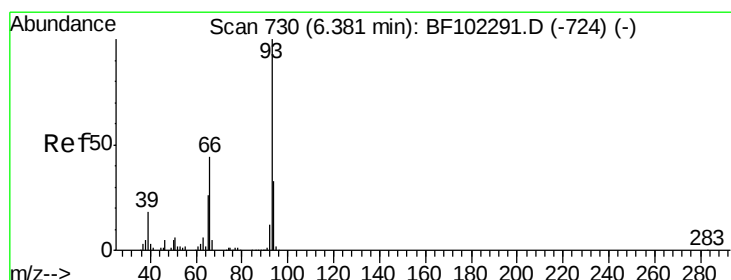
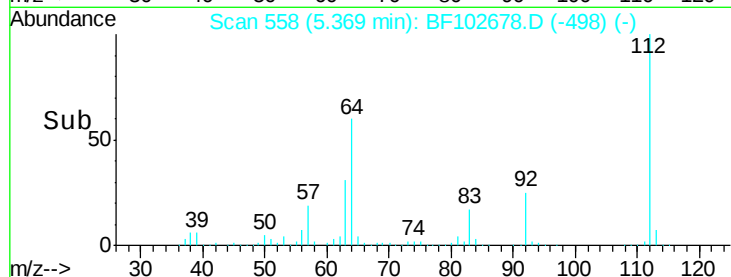
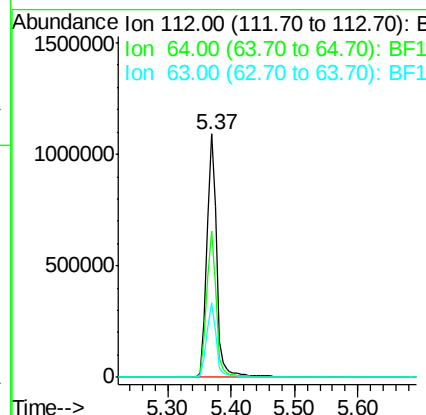
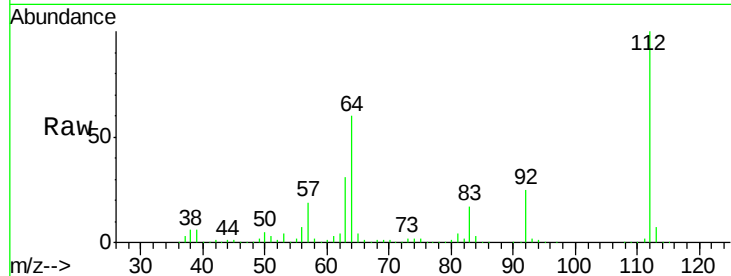
#5
 2-Fluorophenol
 Concen: 115.404 ng
 RT: 5.37 min Scan# 558
 Delta R.T. 0.05 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.7	23.7	35.5

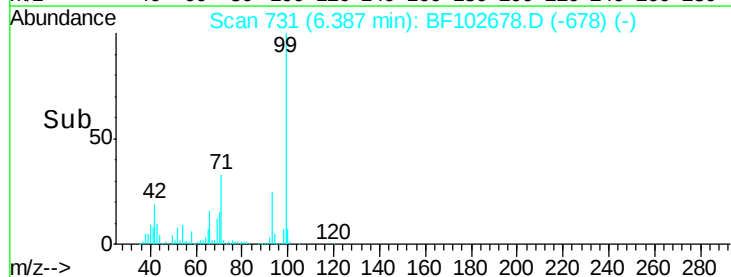
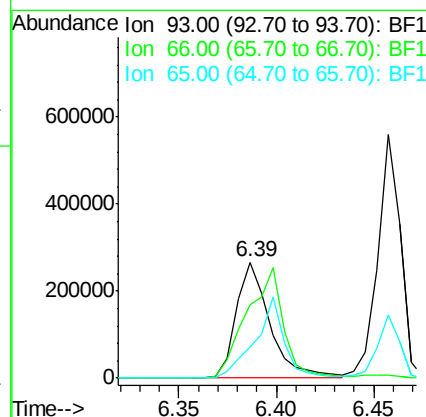
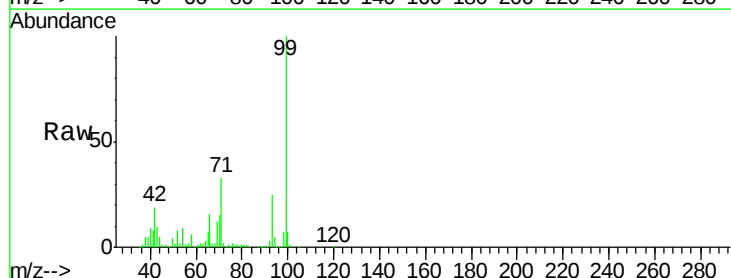
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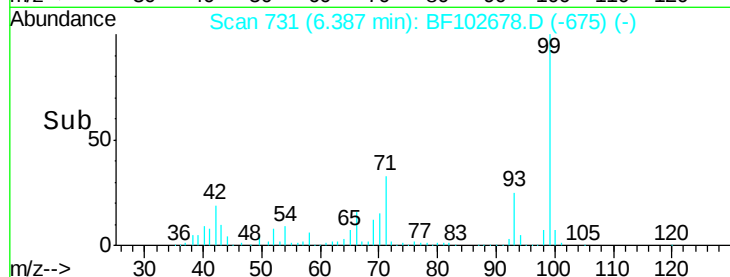
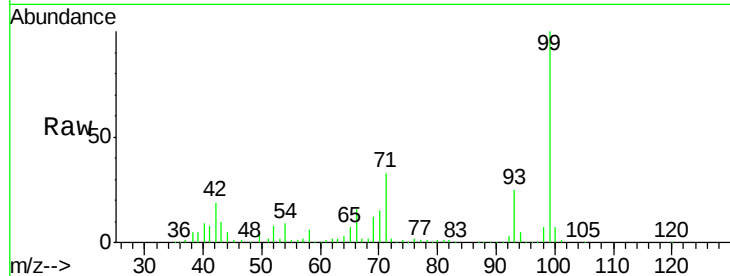
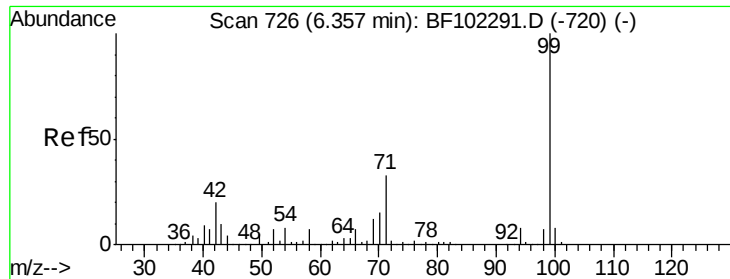
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#6
 Aniline
 Concen: 19.960 ng
 RT: 6.39 min Scan# 731
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
93	100		
66	62.9	32.2	48.2#
65	26.9	16.4	24.6#





#7

Phenol-d6

Concen: 101.378 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.03 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:	99	Resp:	1232244
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	33.1	25.4	38.0

Instrument :

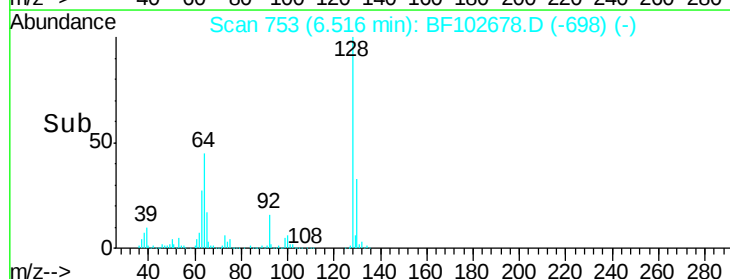
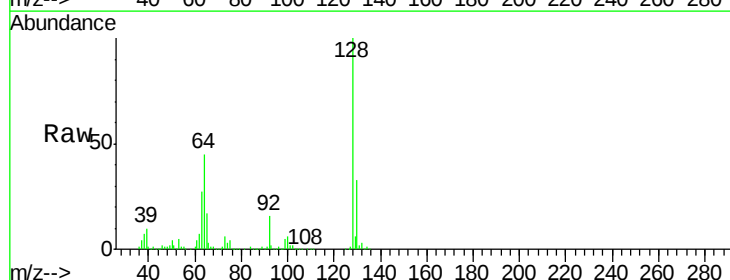
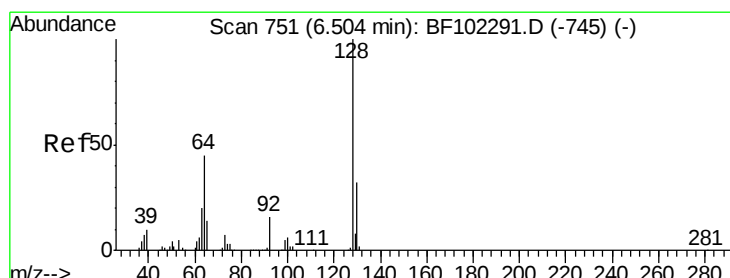
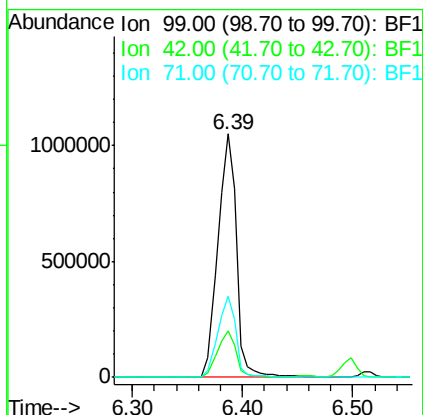
BNA_F

ClientSampleId :

BU-02-013018MSD

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#8

2-Chlorophenol

Concen: 41.775 ng

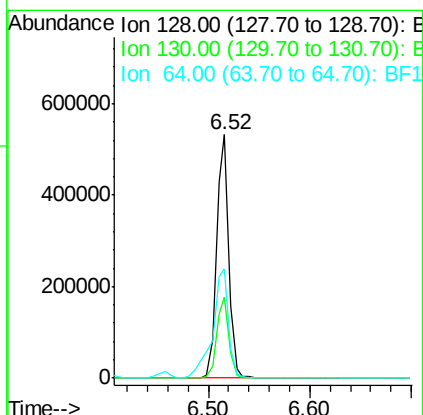
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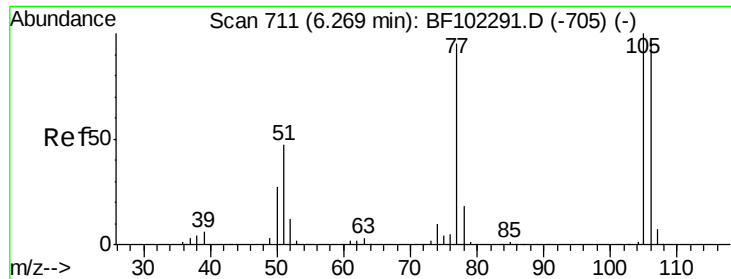
Delta R.T. 0.02 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:	128	Resp:	441510
Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	44.9	29.4	69.4





#9

Benzaldehyde

Concen: 15.404 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

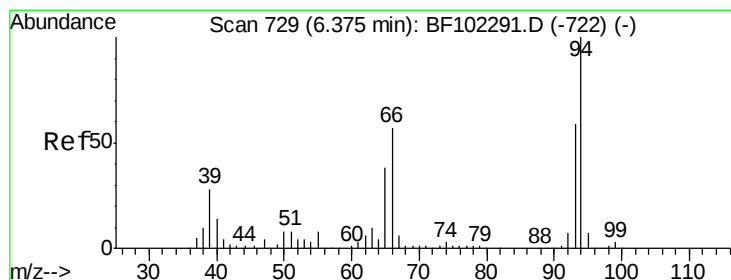
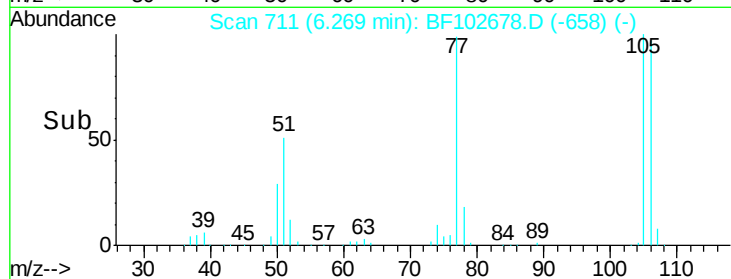
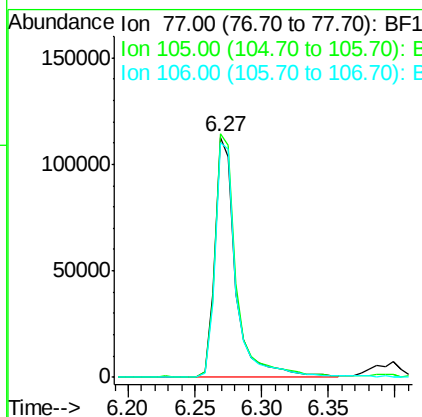
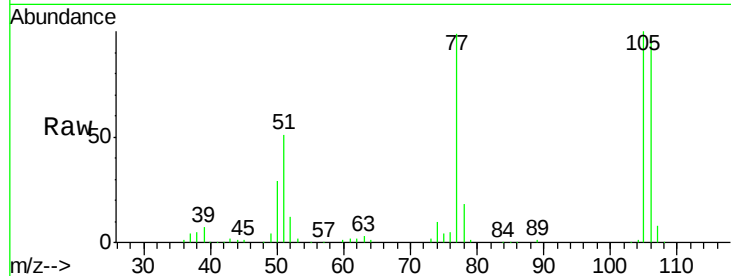
ClientSampleId :

BU-02-013018MSD

Tgt Ion:	77	Resp:	125410
Ion Ratio	Lower	Upper	
77	100		
105	101.3	81.1	121.1
106	97.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 35.137 ng

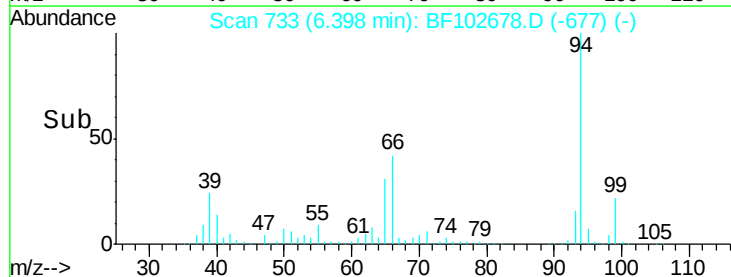
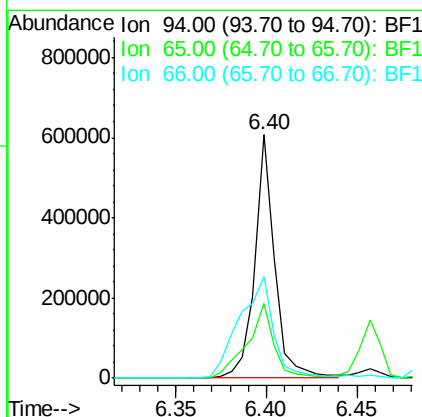
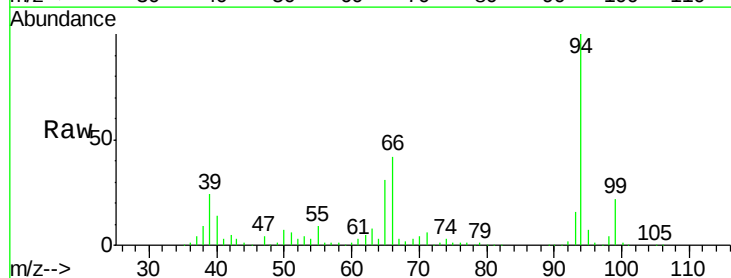
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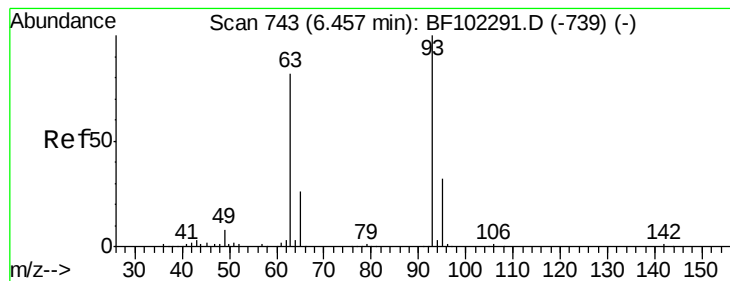
Delta R.T. 0.03 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:	94	Resp:	466266
Ion Ratio	Lower	Upper	
94	100		
65	30.5	7.9	47.9
66	41.6	16.2	56.2





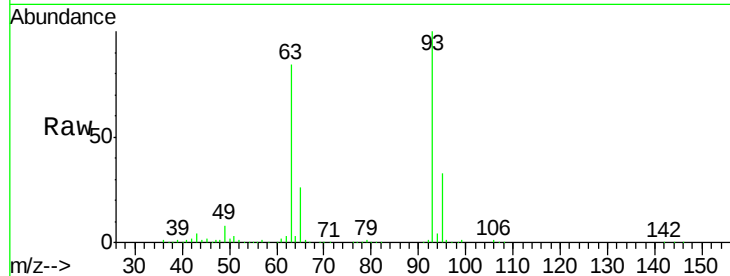
#11
bis(2-Chloroethyl)ether
Concen: 44.122 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

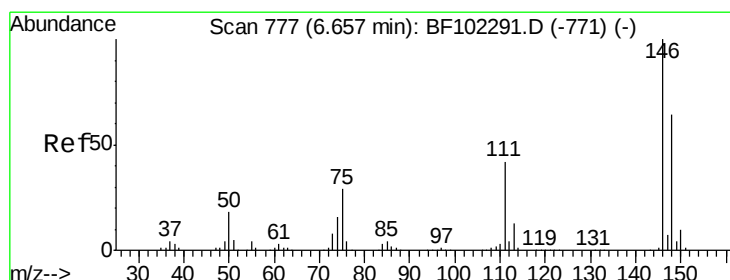
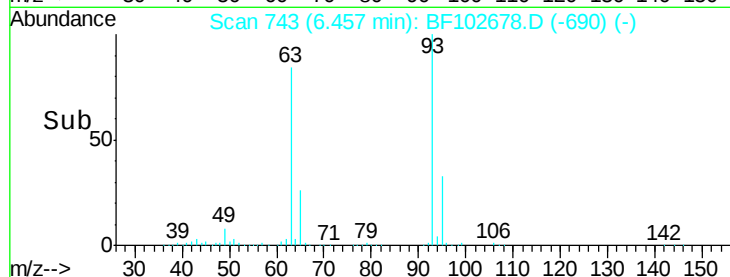
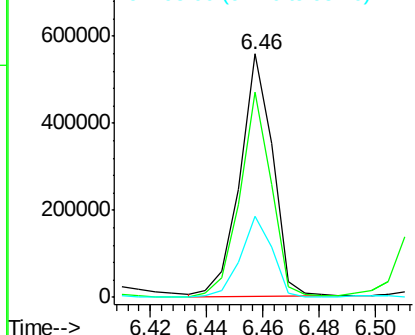
Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	84.3	58.6	98.6
95	33.2	11.8	51.8

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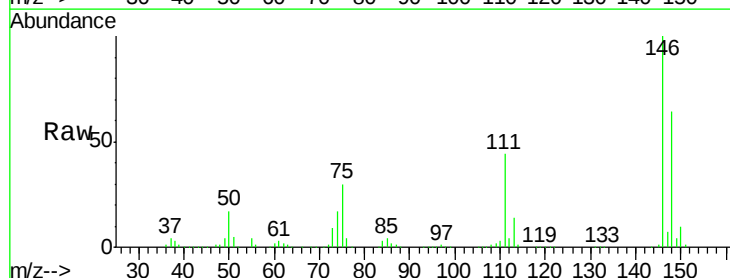


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

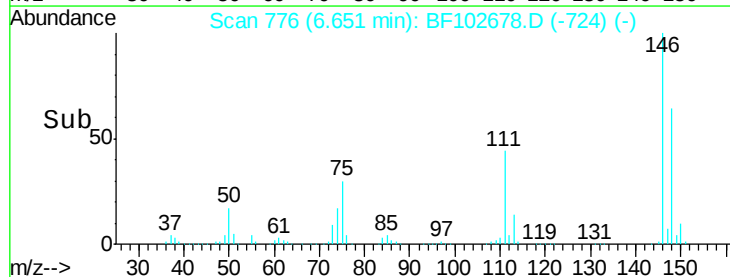
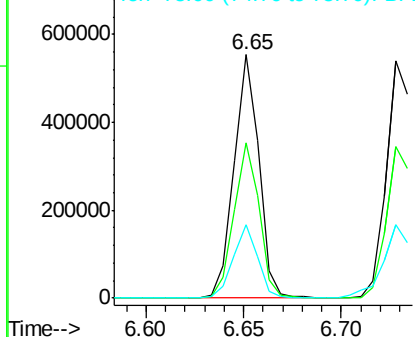


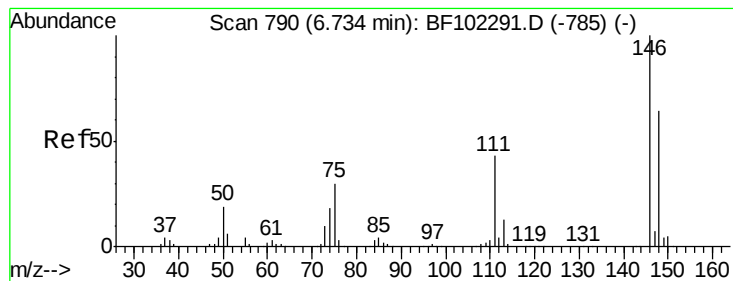
#12
1,3-Dichlorobenzene
Concen: 39.221 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.7	51.8	77.8
75	29.9	24.2	36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.816 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

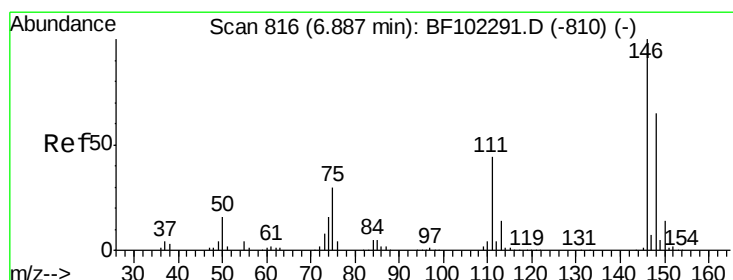
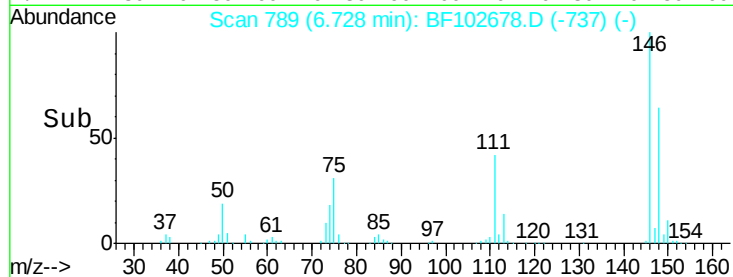
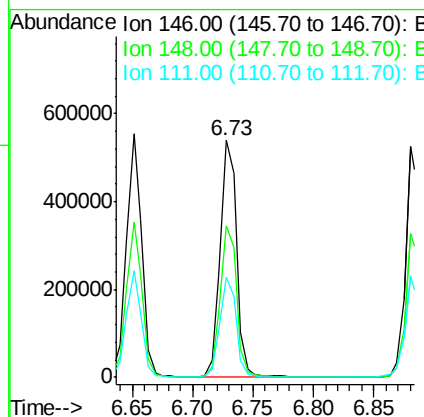
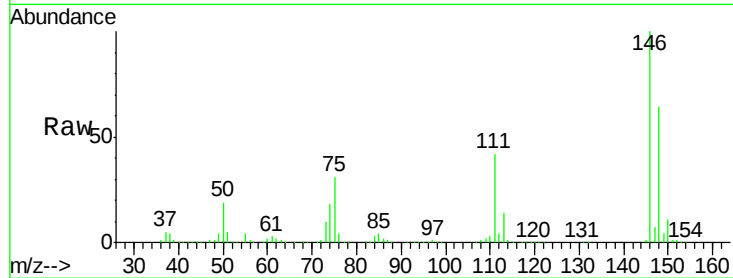
ClientSampleId :

BU-02-013018MSD

Tgt Ion:	146	Resp:	501321
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	42.4	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 38.658 ng

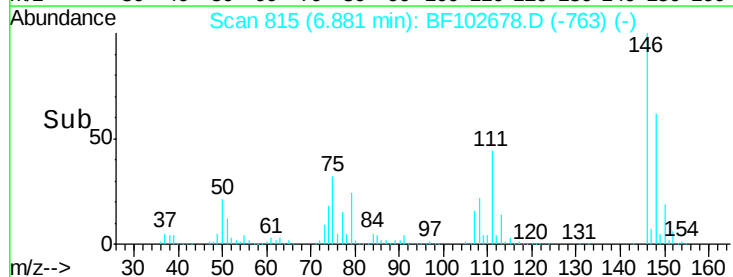
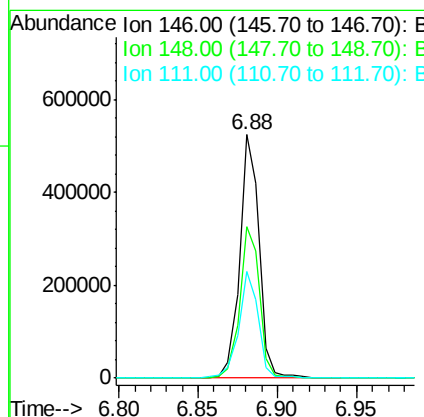
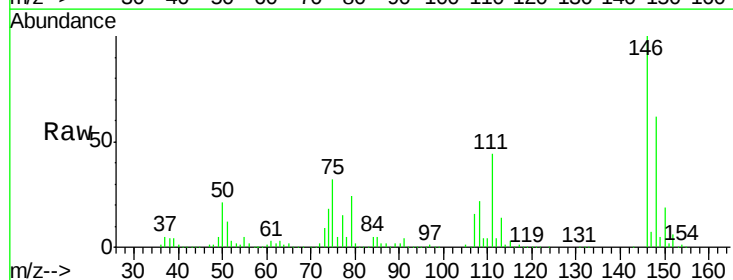
RT: 6.88 min Scan# 815

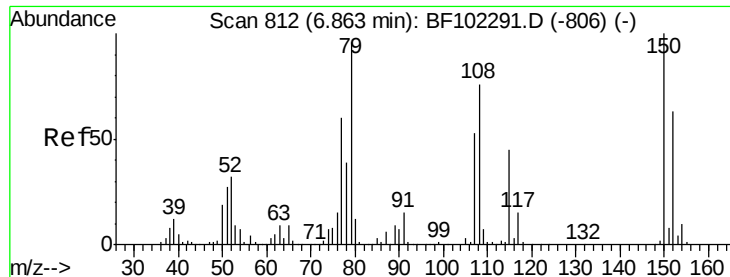
Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:	146	Resp:	445218
Ion Ratio	Lower	Upper	
146	100		
148	62.2	50.6	75.8
111	43.8	36.0	54.0





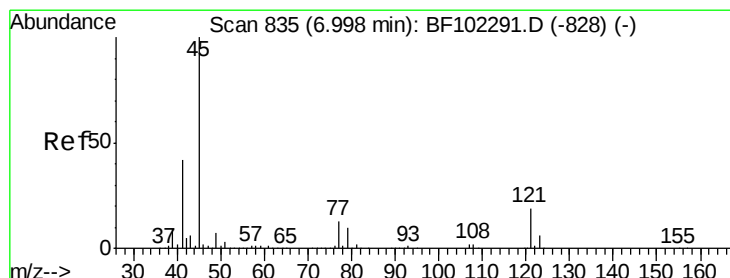
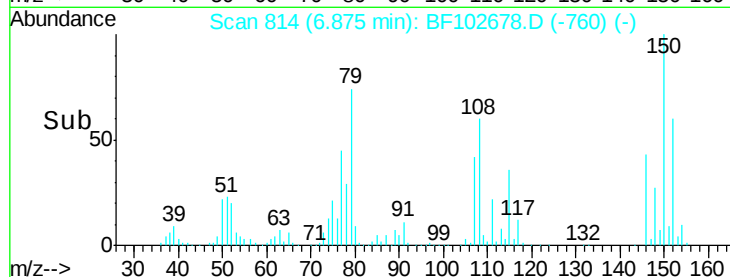
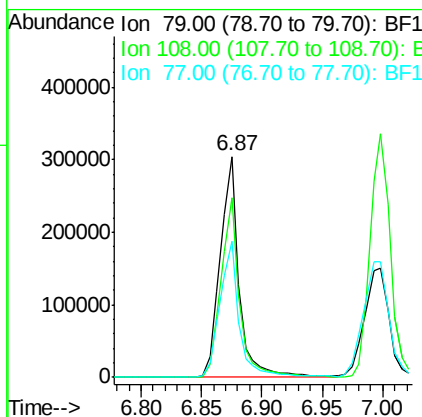
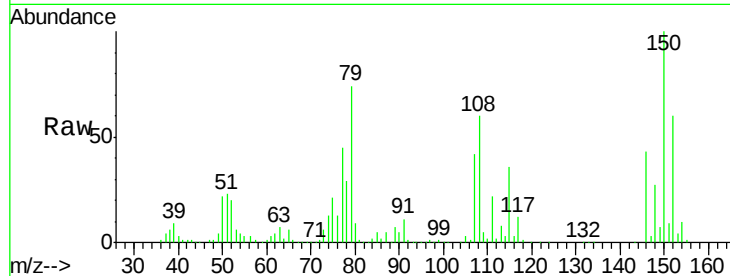
#15
Benzyl Alcohol
Concen: 38.574 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.02 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.3	65.1	97.7
77	61.5	50.6	75.8

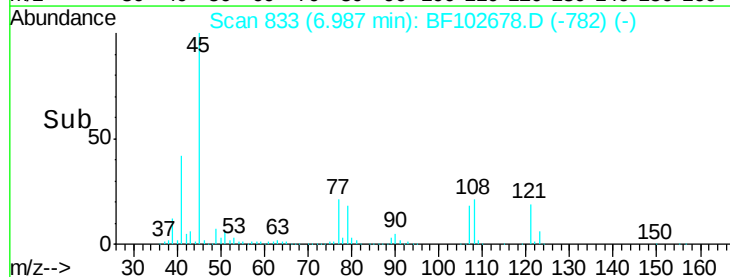
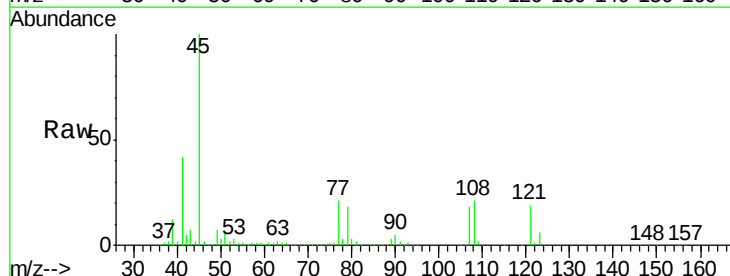
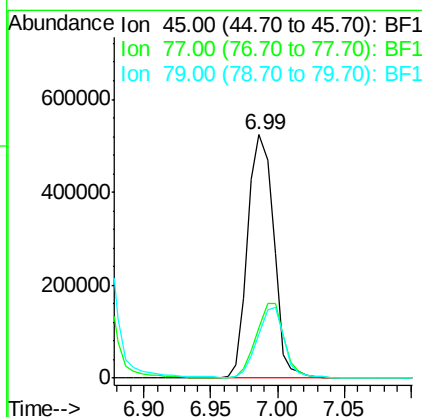
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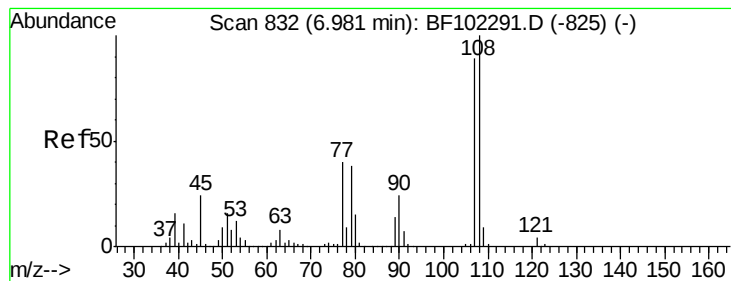
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.347 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

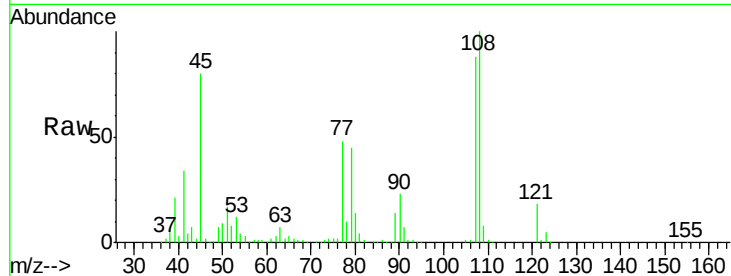
Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.8	0.0	32.9
79	17.9	0.0	29.6





#17
2-Methylphenol
Concen: 38.157 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.02 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

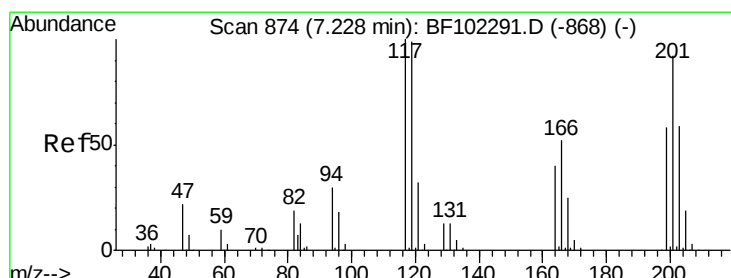
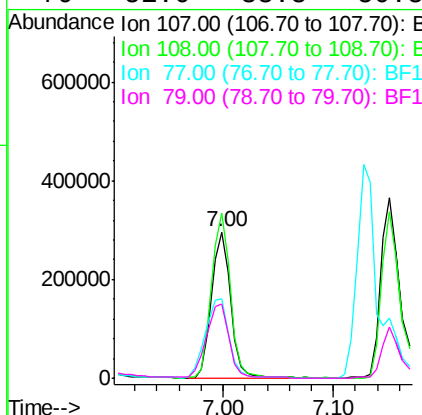
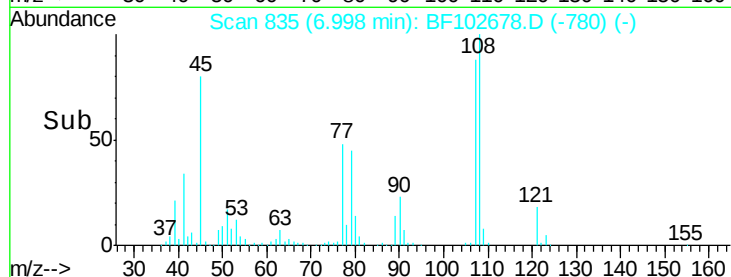
Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	91.7	137.5	
77	54.0	33.8	50.8#	
79	51.0	33.8	50.8#	

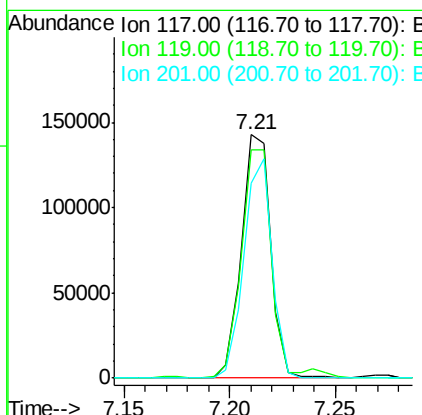
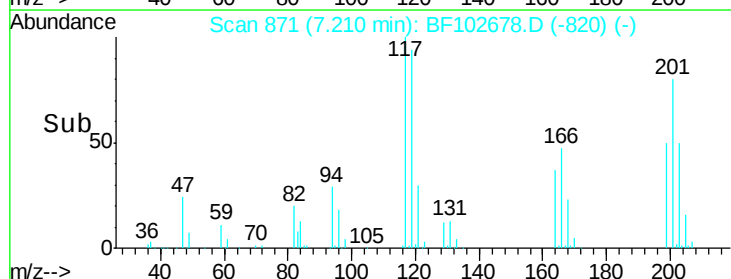
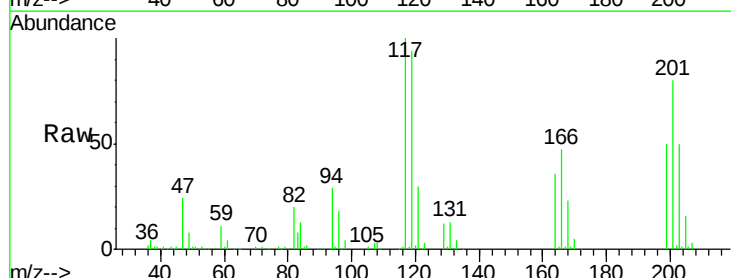
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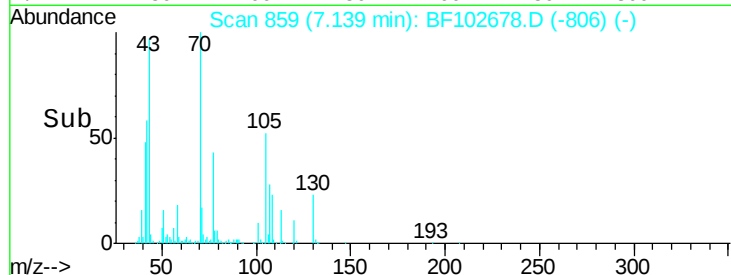
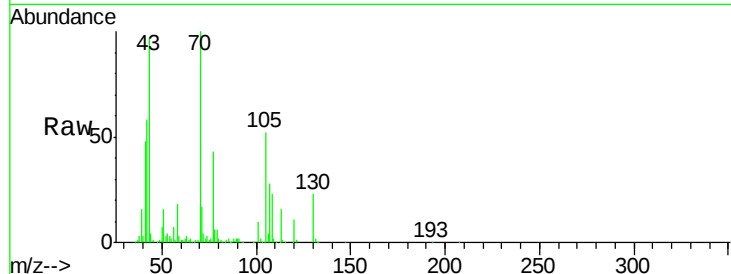
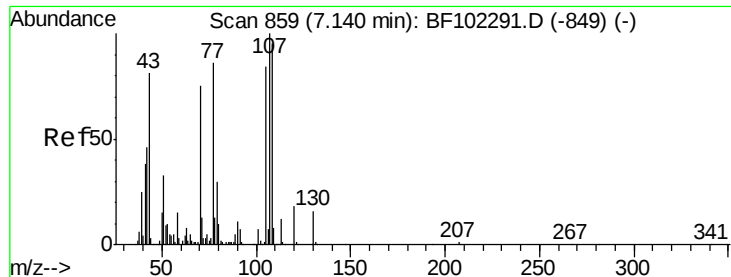
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#18
Hexachloroethane
Concen: 31.366 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	75.8	113.8	
201	79.9	75.7	113.5	





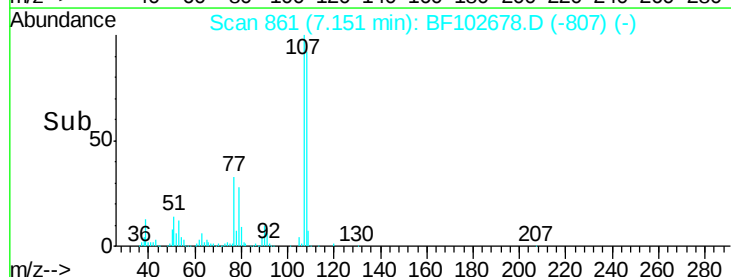
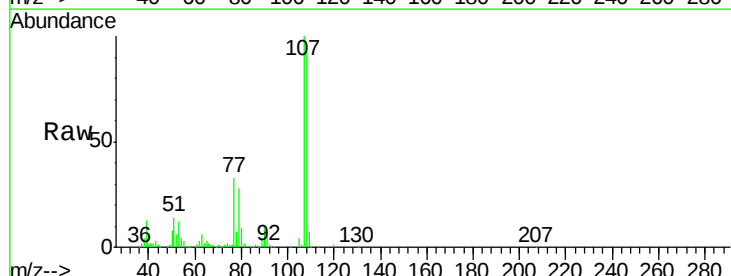
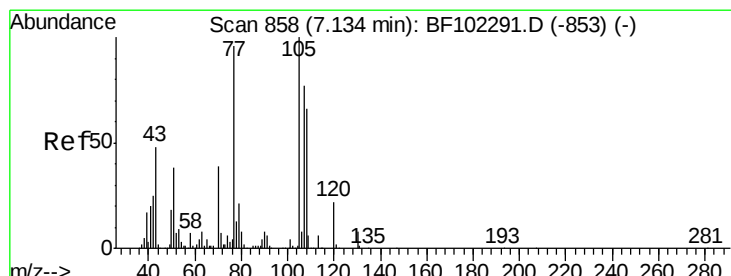
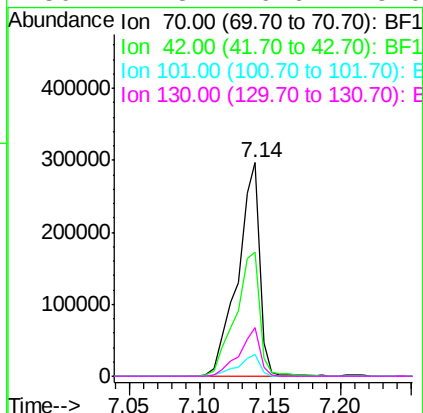
#19
n-Nitroso-di-n-propylamine
Concen: 43.189 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.0	47.5	71.3	
101	10.1	7.4	11.2	
130	22.8	16.6	25.0	

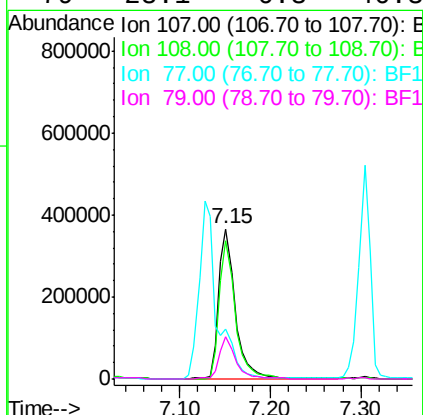
Manual Integrations
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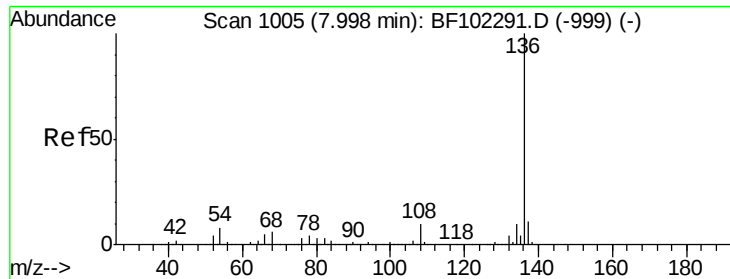
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#20
3+4-Methylphenols
Concen: 42.841 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.02 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.9	68.2	108.2	
77	33.4	26.7	66.7	
79	28.1	6.3	46.3	





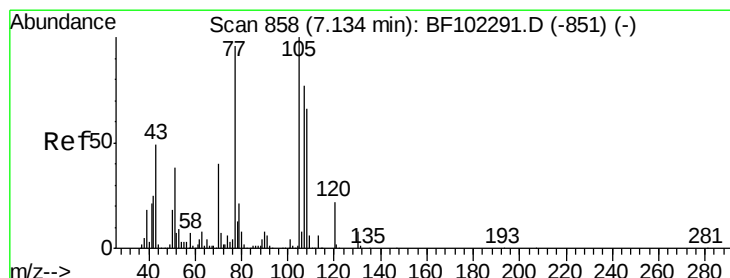
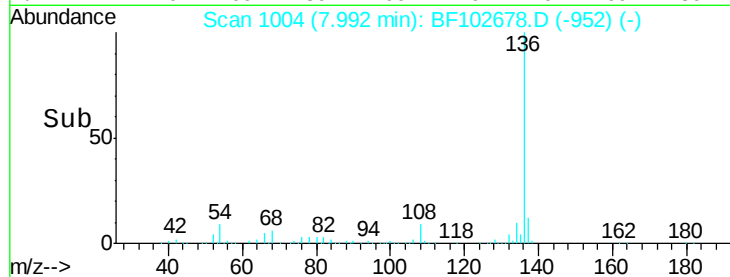
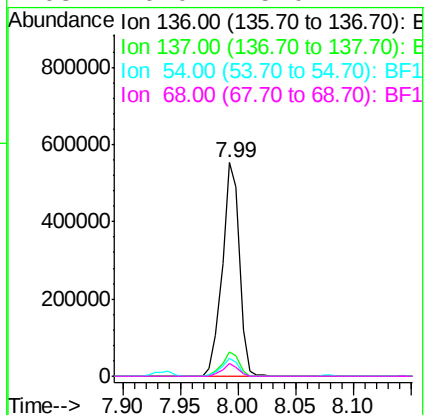
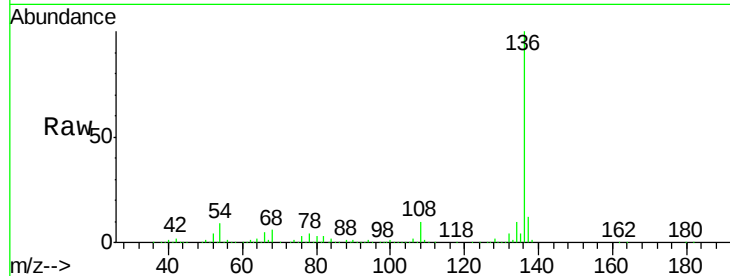
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	567784		
137	11.6	8.9	13.3	
54	8.6	6.6	9.8	
68	6.0	5.0	7.4	

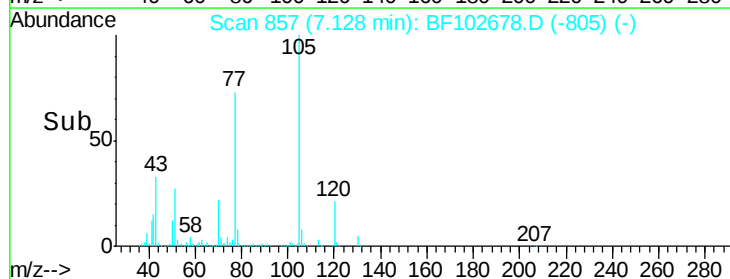
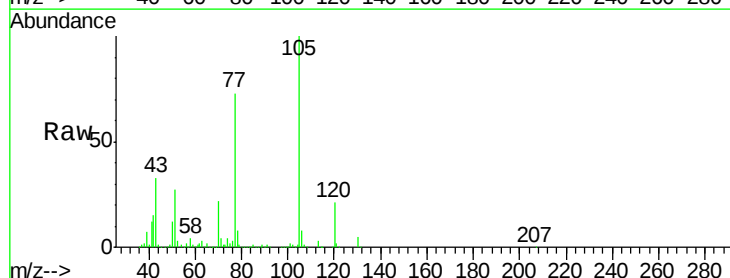
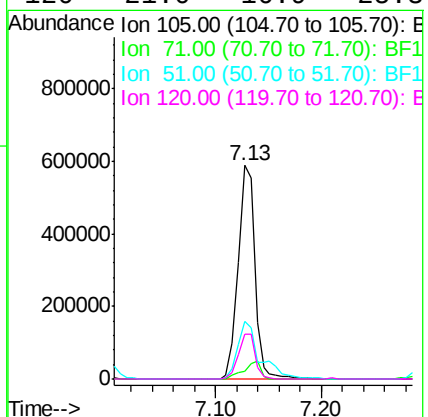
Manual Integrations
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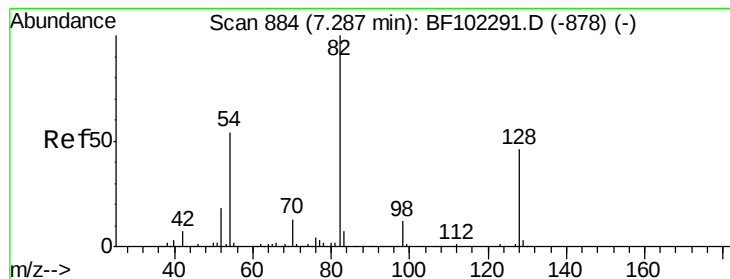
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#22
Acetophenone
Concen: 47.348 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	640855		
71	3.9	4.4	6.6#	
51	27.2	22.3	33.5	
120	21.0	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 92.219 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

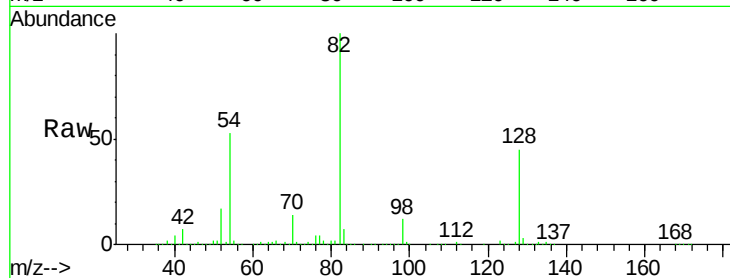
ClientSampleId :

BU-02-013018MSD

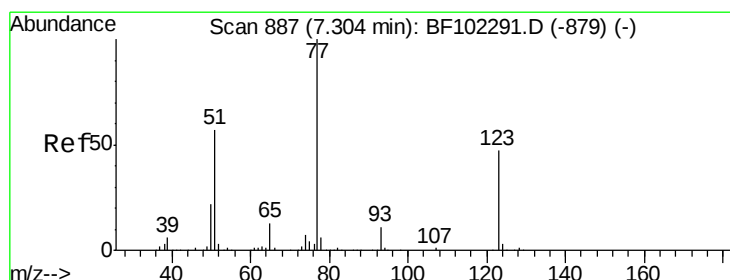
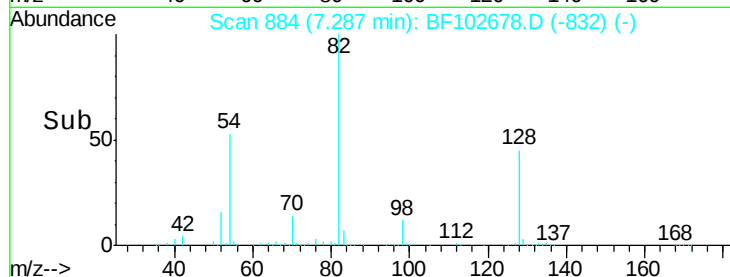
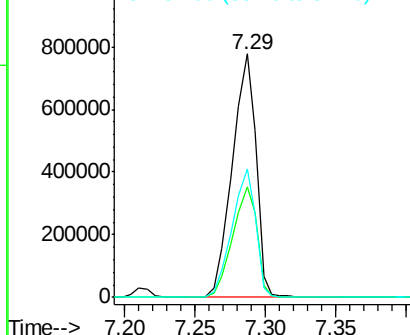
Tgt Ion:	82	Resp:	911144
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	52.8	41.4	62.2

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



#24

Nitrobenzene

Concen: 44.330 ng

RT: 7.30 min Scan# 887

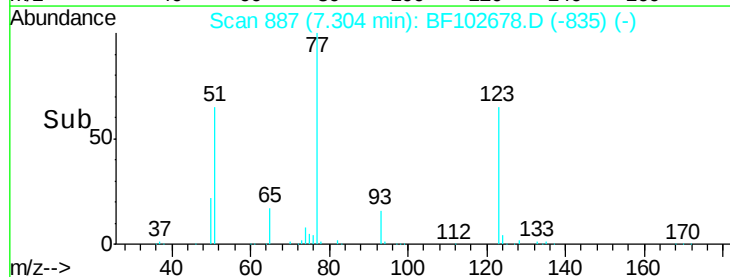
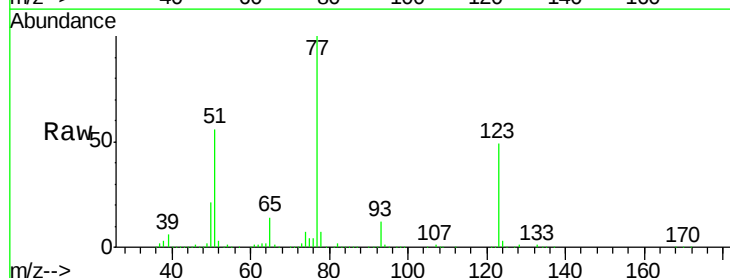
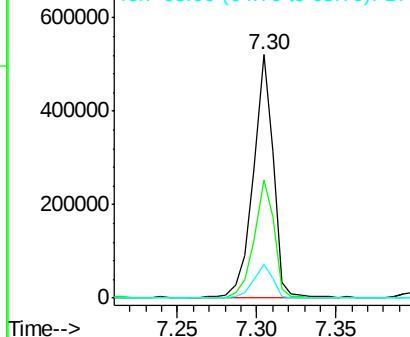
Delta R.T. 0.01 min

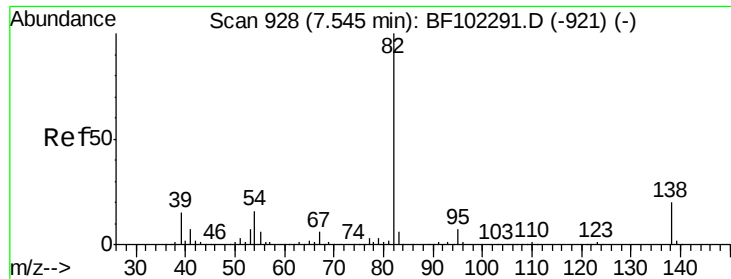
Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:	77	Resp:	448222
Ion Ratio	Lower	Upper	
77	100		
123	48.7	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: 46.488 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

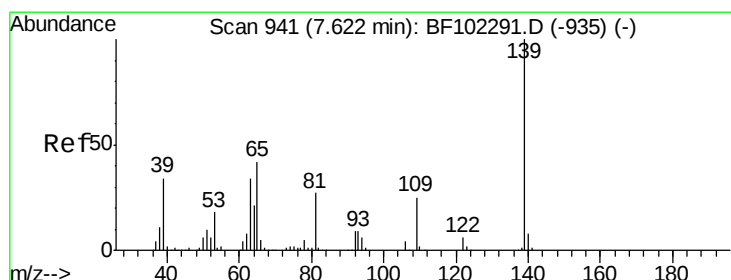
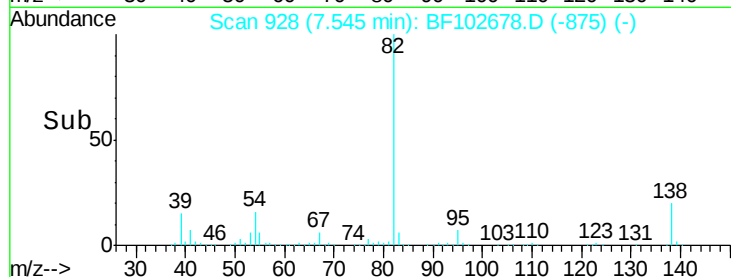
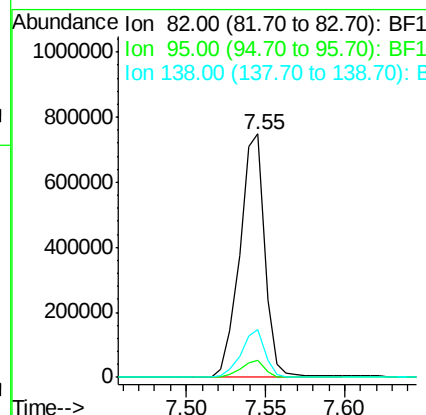
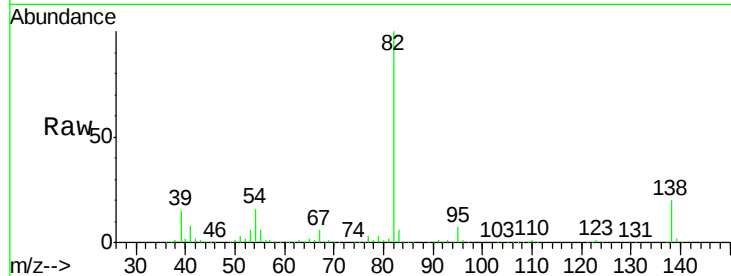
ClientSampleId :

BU-02-013018MSD

Tgt Ion:	82	Resp:	818829
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.2	7.8
138	19.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 42.866 ng

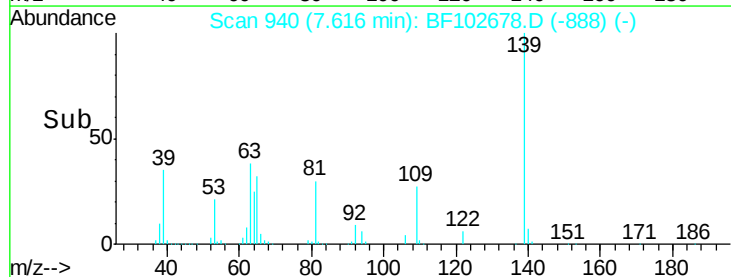
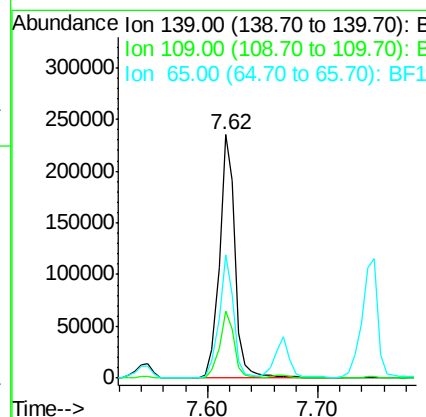
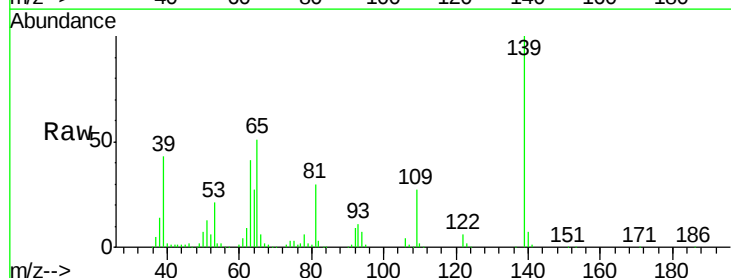
RT: 7.62 min Scan# 940

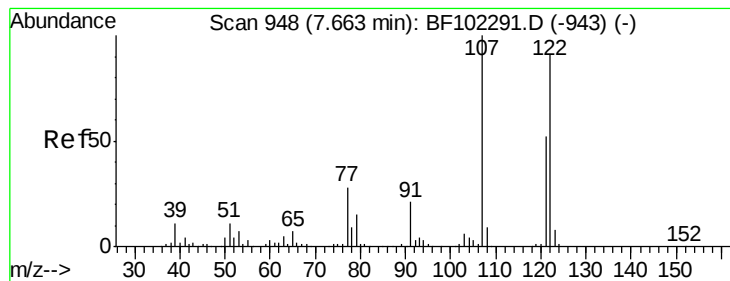
Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:	139	Resp:	228116
Ion Ratio		Lower	Upper
139	100		
109	27.4	22.7	34.1
65	50.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 49.639 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.02 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

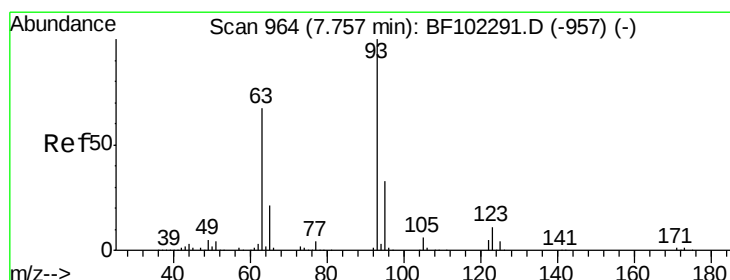
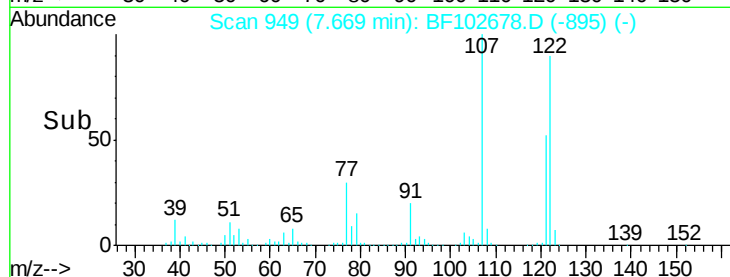
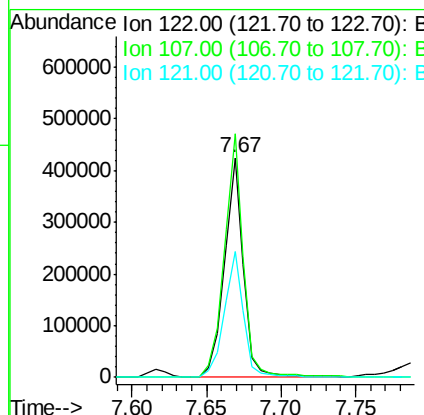
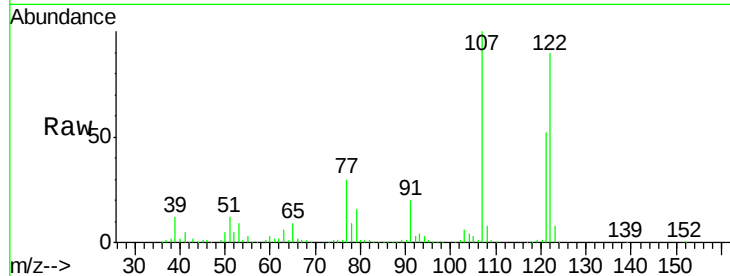
ClientSampleId :

BU-02-013018MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	383573		
107	110.8	91.2	136.8	
121	57.4	47.2	70.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 49.722 ng

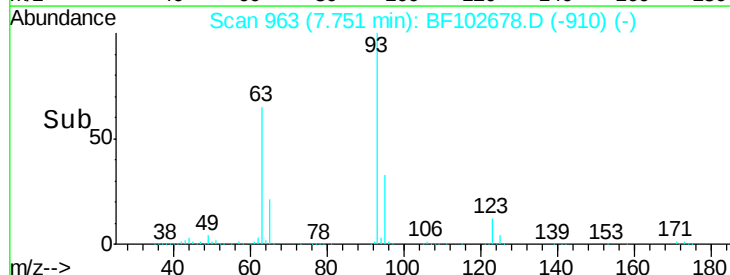
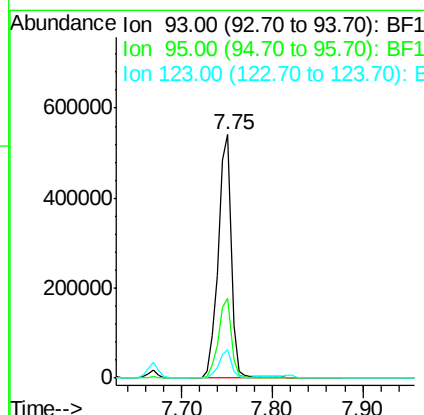
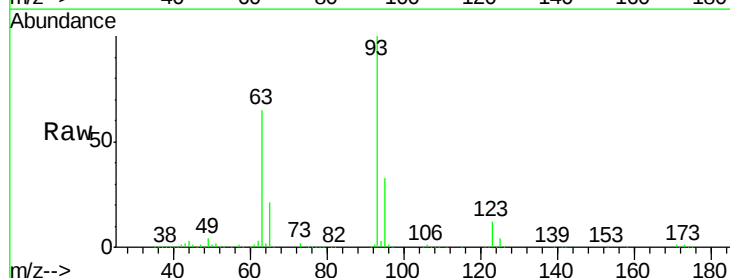
RT: 7.75 min Scan# 963

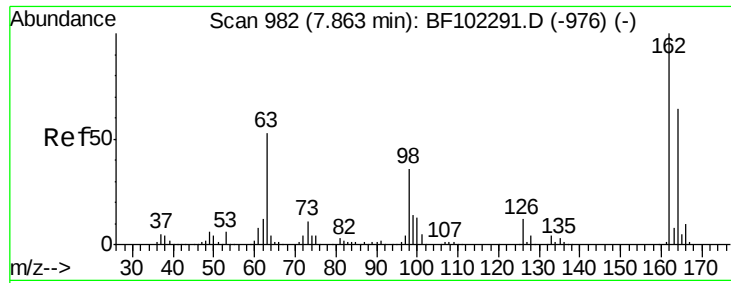
Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	541015		
95	32.9	26.3	39.5	
123	11.8	9.8	14.6	





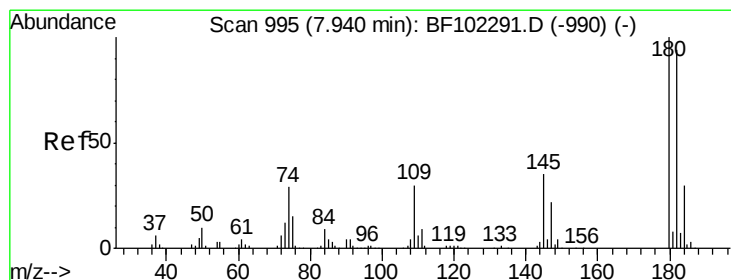
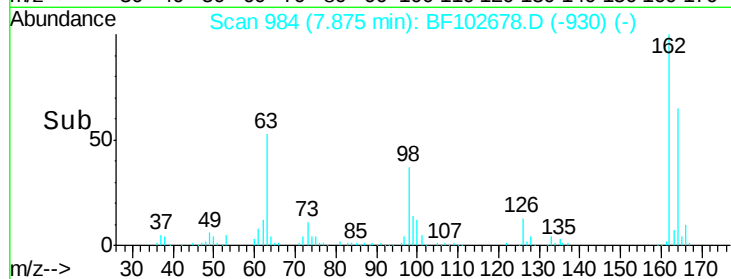
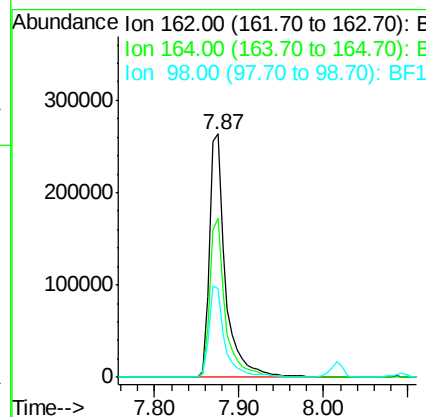
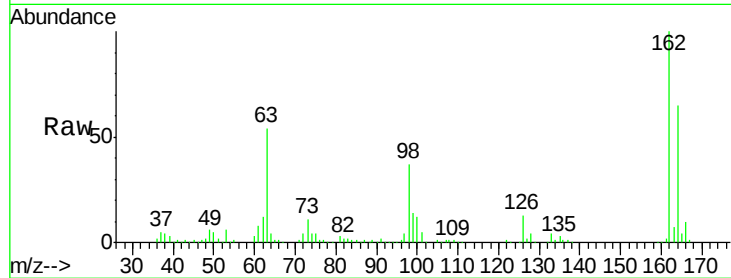
#29
2,4-Dichlorophenol
Concen: 44.186 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.02 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	347793		
164	65.1	42.7	82.7	
98	36.5	18.1	58.1	

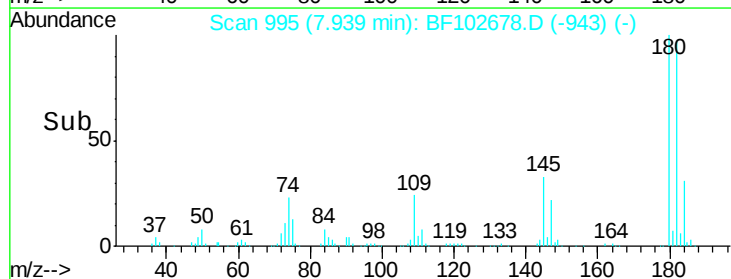
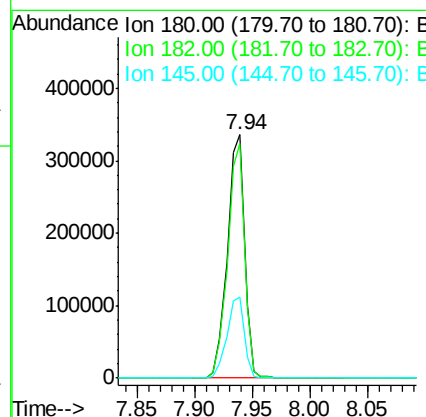
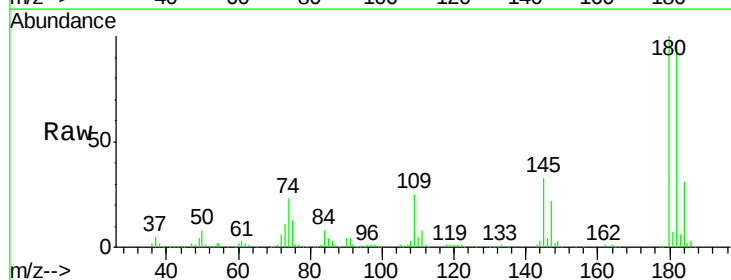
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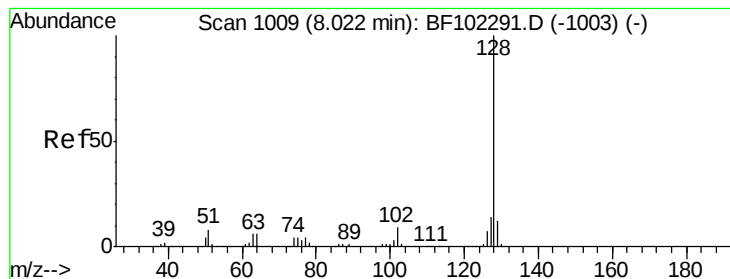
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#30
1,2,4-Trichlorobenzene
Concen: 41.318 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	348622		
182	96.5	76.8	115.2	
145	33.2	26.5	39.7	





#31

Naphthalene

Concen: 42.793 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

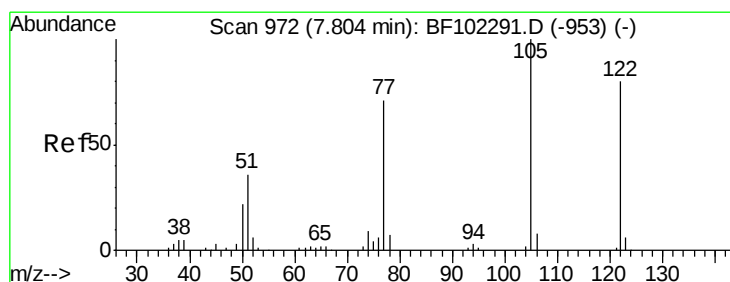
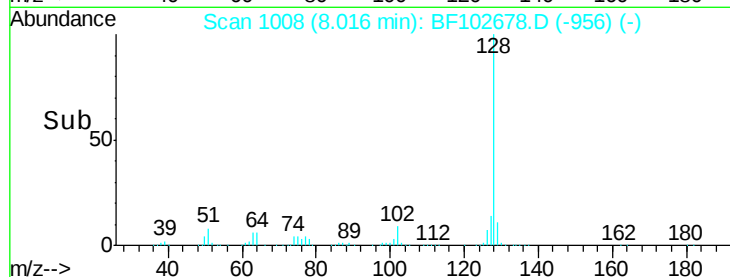
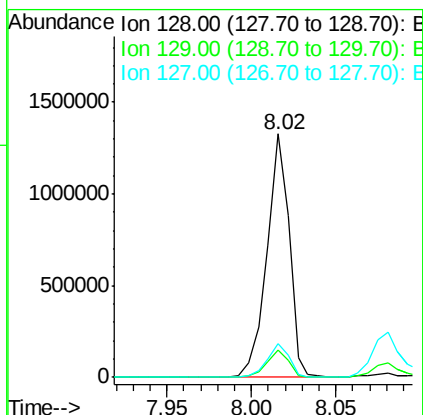
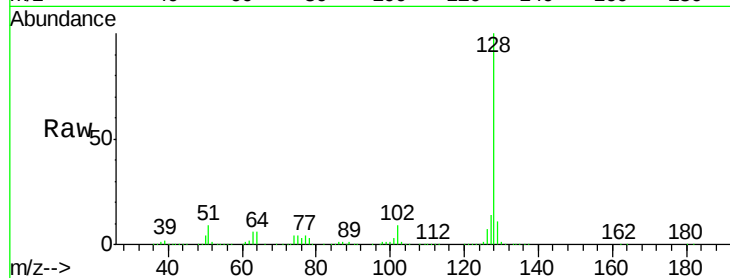
BU-02-013018MSD

Tgt Ion:128 Resp: 1213122

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.7	10.9	16.3

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#32

Benzoic acid

Concen: 24.607 ng

RT: 7.82 min Scan# 975

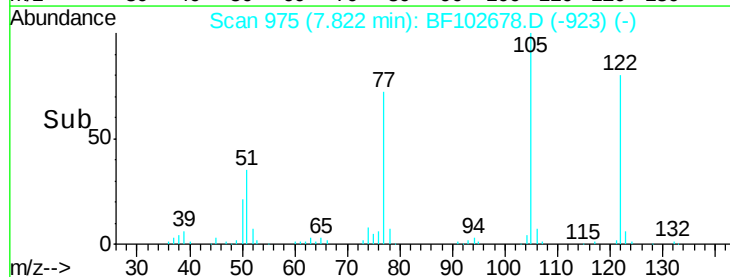
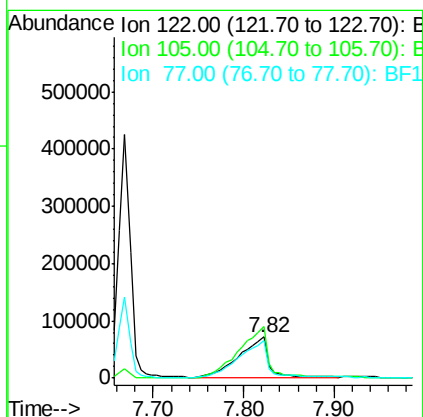
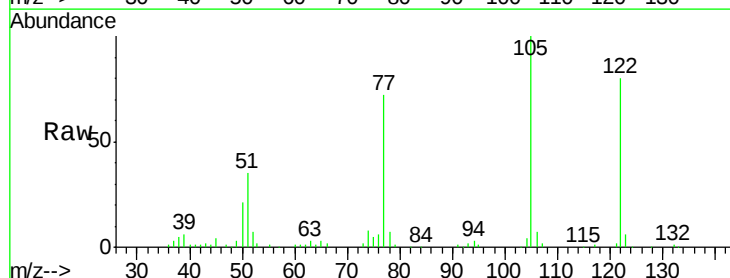
Delta R.T. 0.01 min

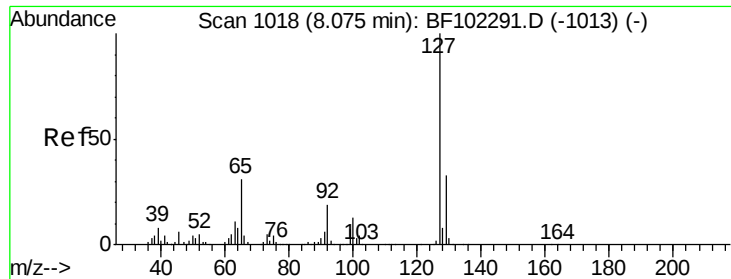
Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:122 Resp: 159305

Ion	Ratio	Lower	Upper
122	100		
105	125.0	101.1	141.1
77	90.6	70.7	110.7





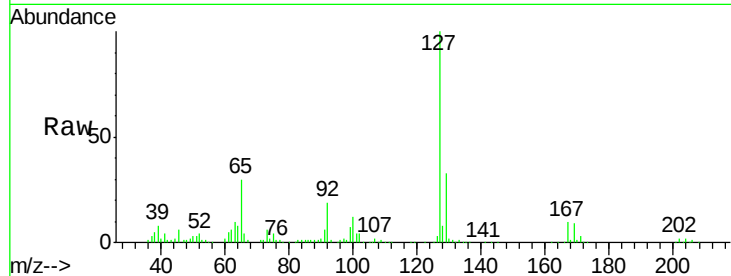
#33
 4-Chloroaniline
 Concen: 28.721 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MSD

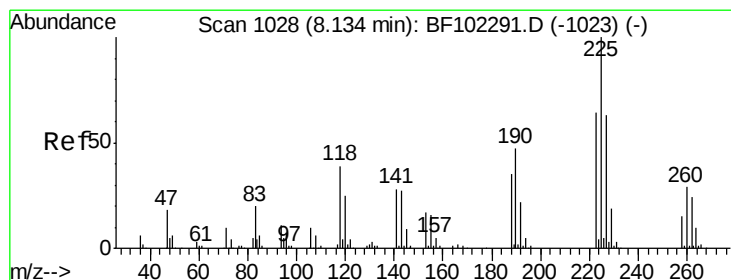
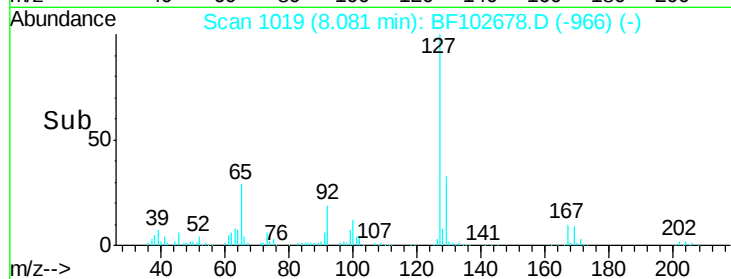
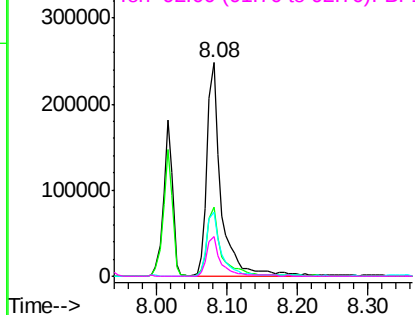
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.6	25.9	38.9
65	29.9	25.0	37.4
92	18.7	15.2	22.8

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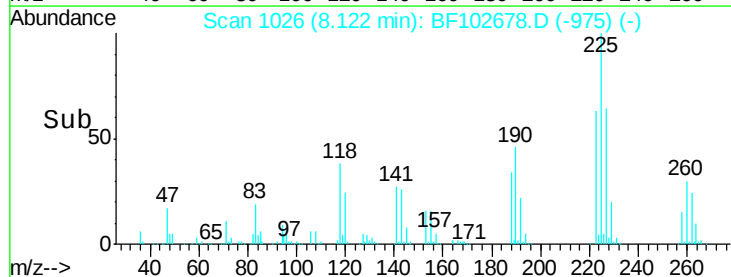
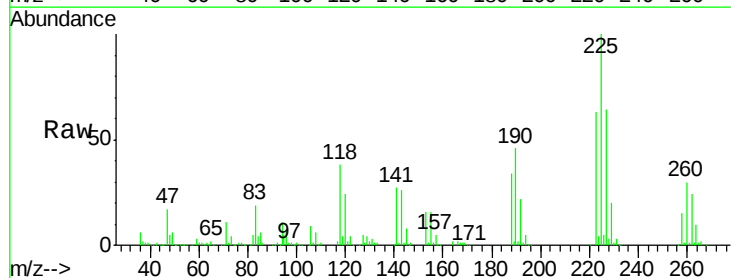
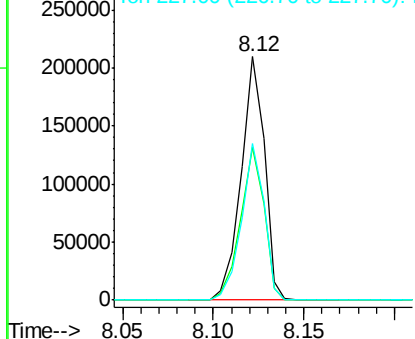
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

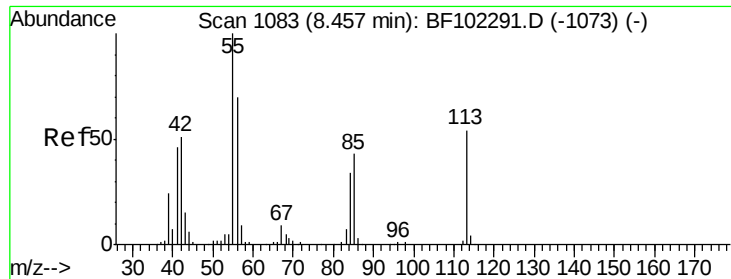


#34
 Hexachlorobutadiene
 Concen: 41.655 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.9	50.6	76.0
227	64.2	51.9	77.9

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





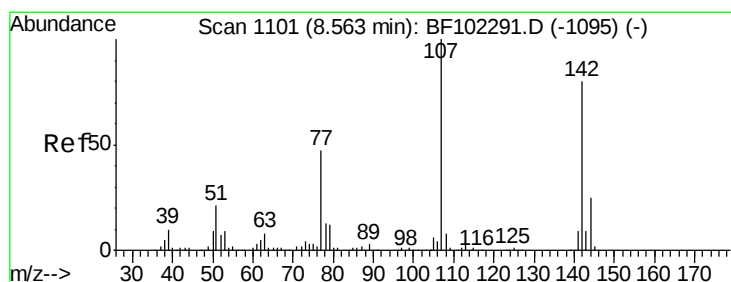
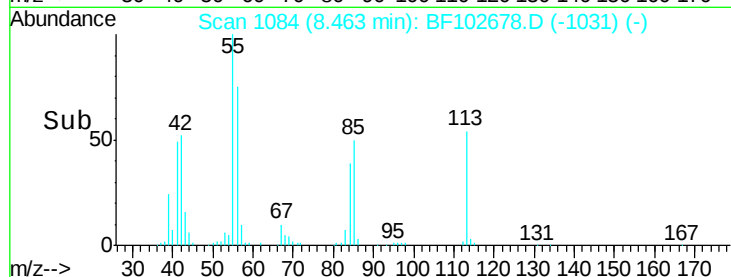
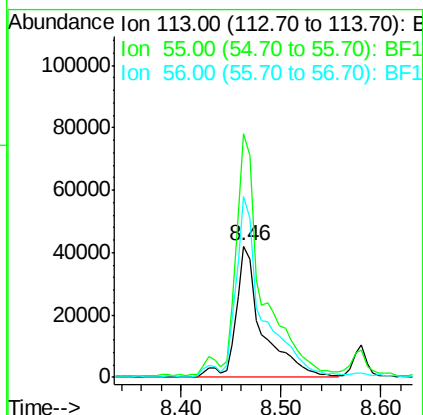
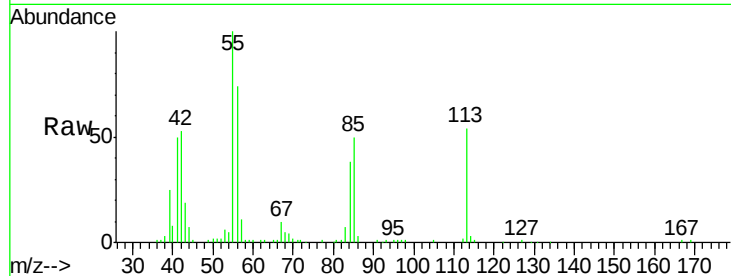
#35
 Caprolactam
 Concen: 29.863 ng m
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MSD

Tgt Ion:113 Resp: 77629
 Ion Ratio Lower Upper
 113 100
 55 185.7 163.3 203.3
 56 137.6 115.7 155.7

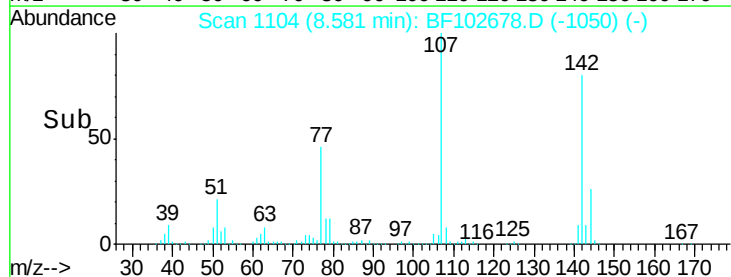
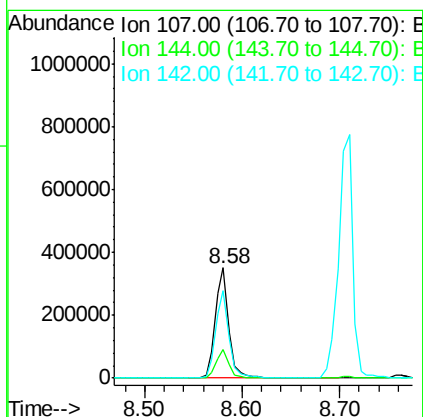
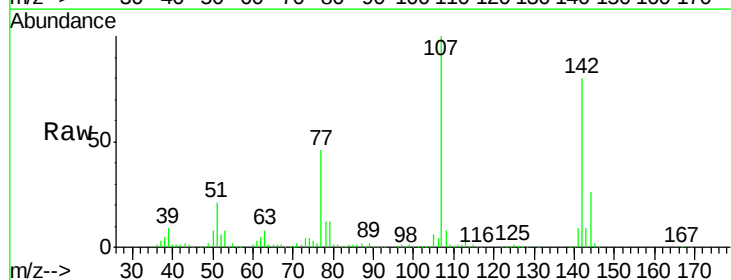
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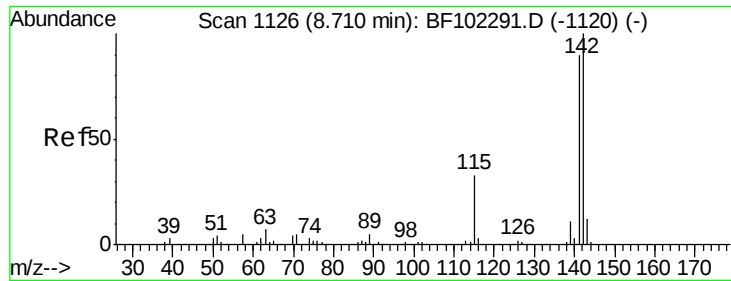
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#36
 4-Chloro-3-methylphenol
 Concen: 40.715 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.02 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion:107 Resp: 337807
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 79.5 62.0 93.0





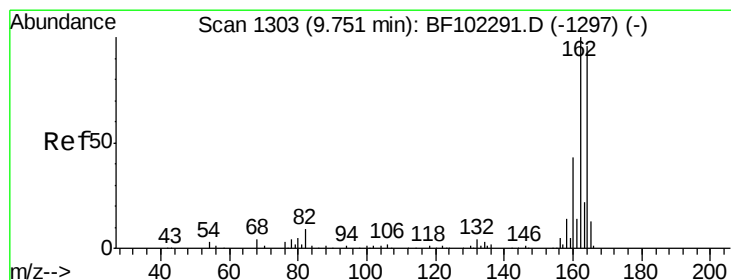
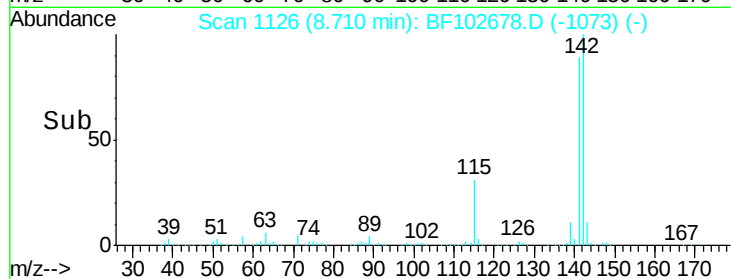
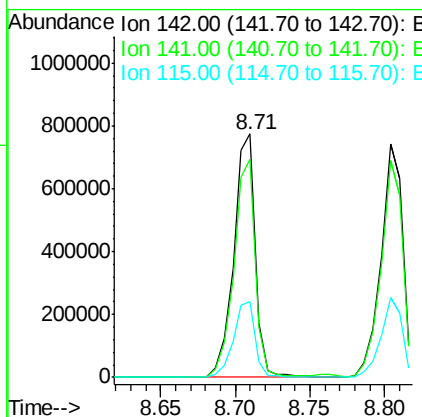
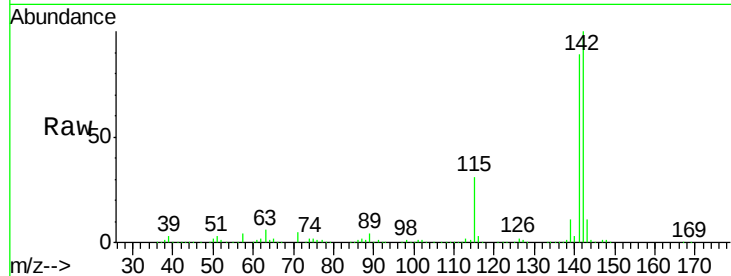
#37
2-Methylnaphthalene
Concen: 41.458 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	31.3	26.1	39.1

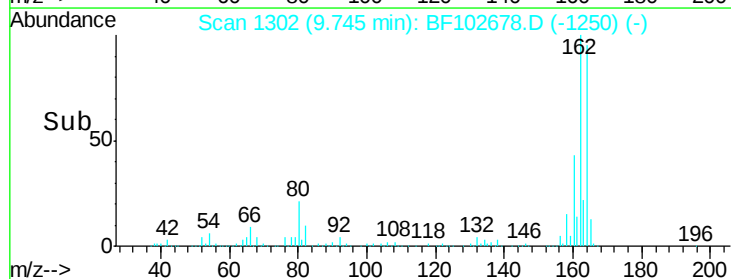
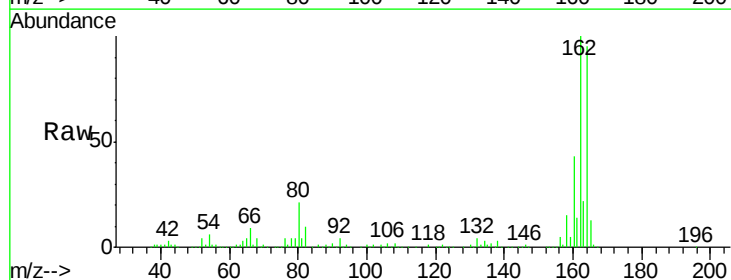
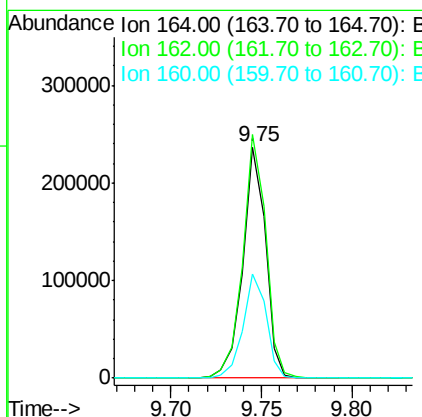
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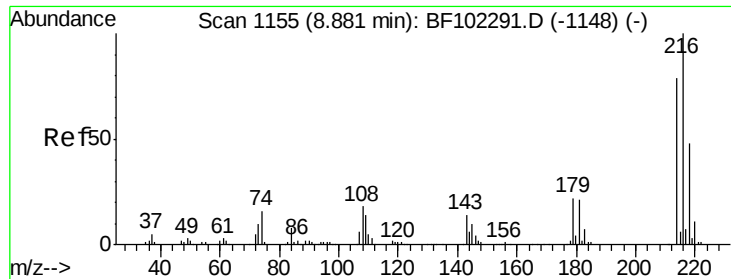
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	45.2	38.3	57.5





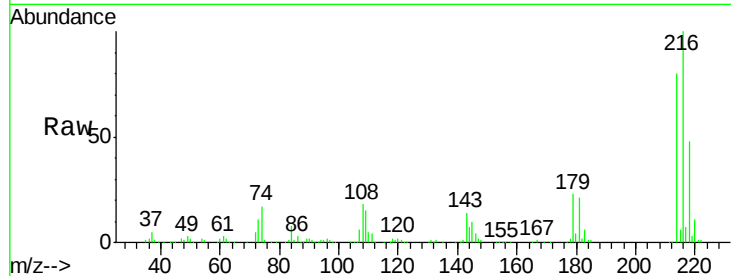
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.828 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MSD

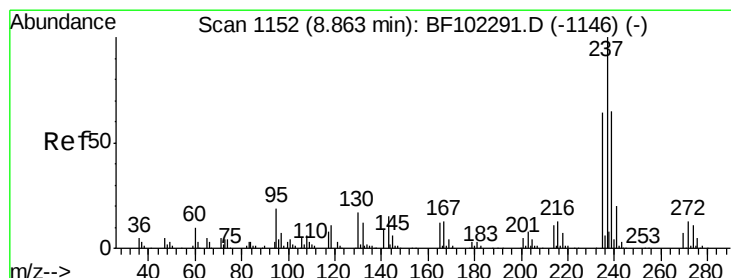
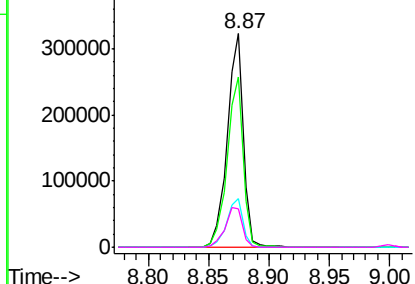
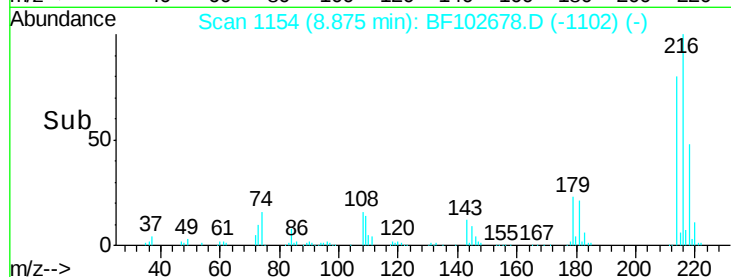
Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	79.7	63.0	94.4
179	23.2	18.1	27.1
108	20.3	17.2	25.8

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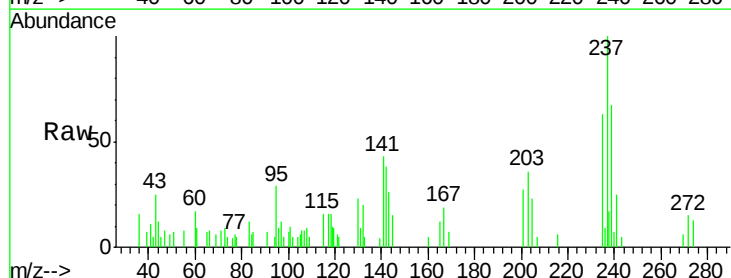


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

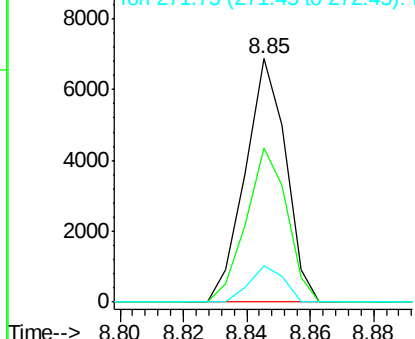
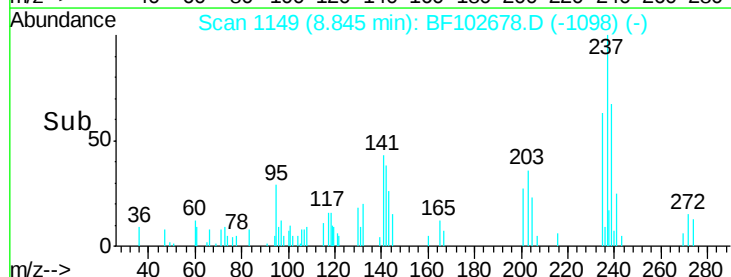


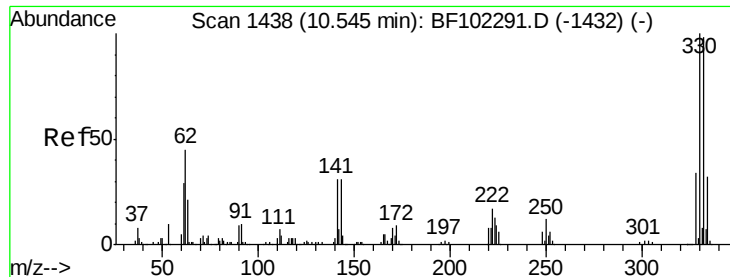
#40
 Hexachlorocyclopentadiene
 Concen: 2.187 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.3	44.8	84.8
272	15.1	0.0	33.3



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





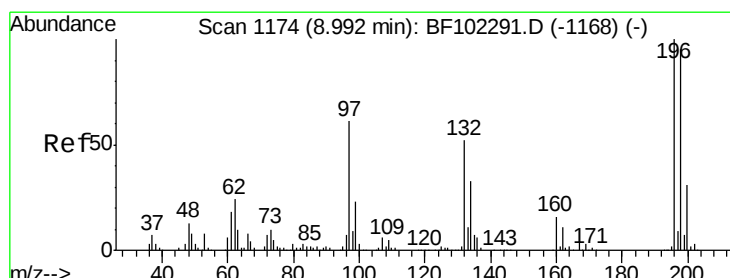
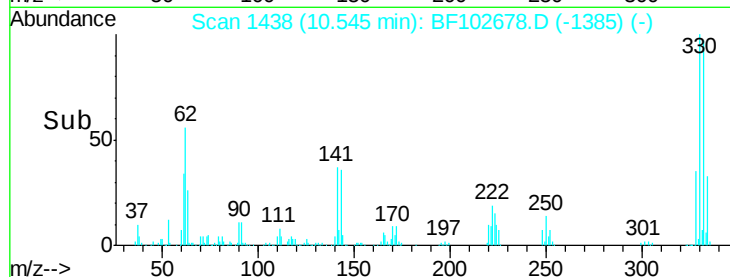
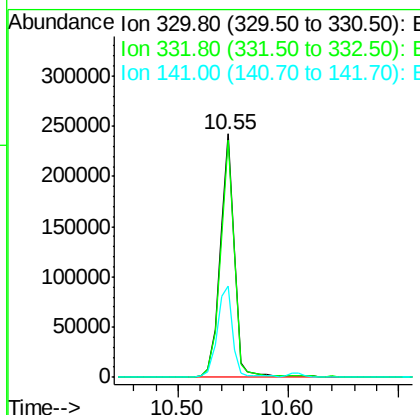
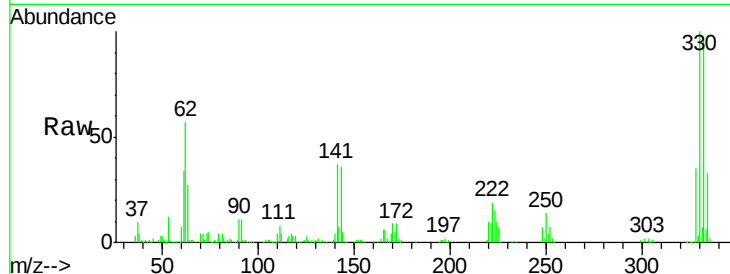
#41
 2,4,6-Tribromophenol
 Concen: 106.396 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	218127		
332	95.9	77.0	115.6	
141	40.5	29.9	44.9	

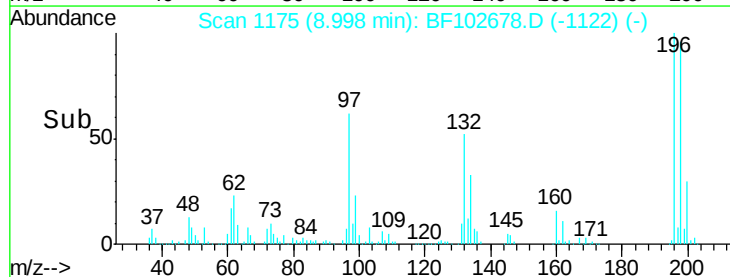
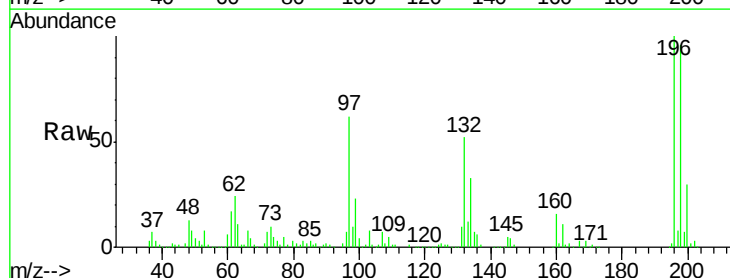
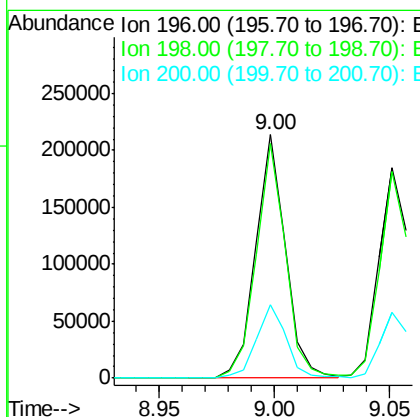
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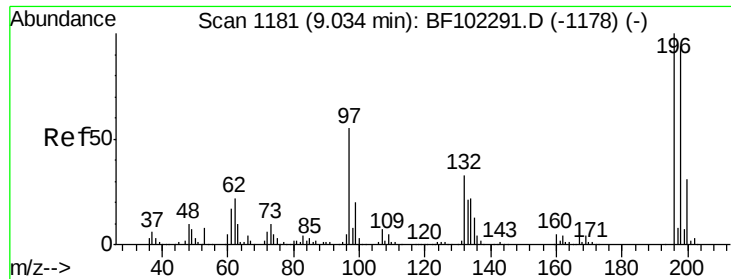
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#42
 2,4,6-Trichlorophenol
 Concen: 46.376 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193258		
198	96.3	75.7	113.5	
200	30.2	24.5	36.7	





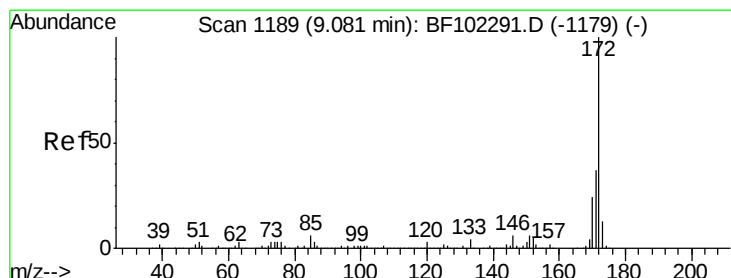
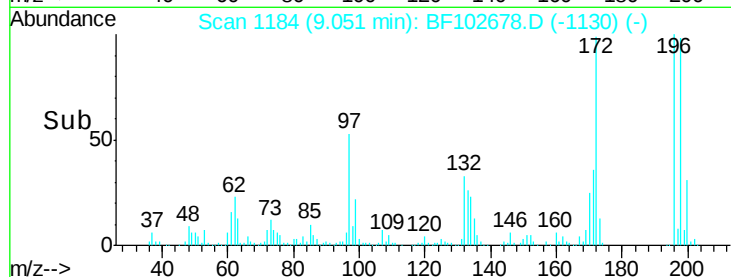
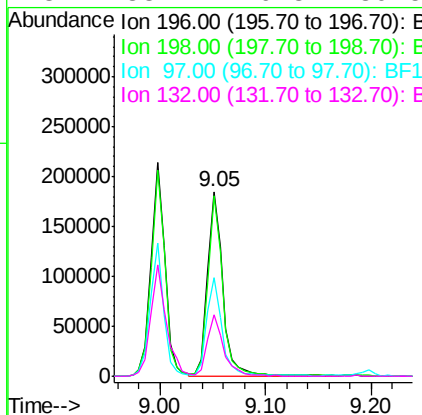
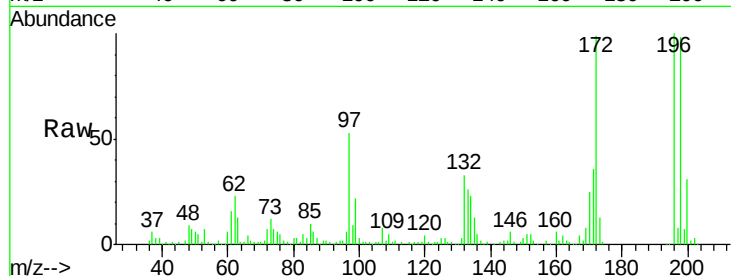
#43
 2,4,5-Trichlorophenol
 Concen: 40.311 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.02 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MSD

Tgt Ion:	196	Resp:	189139
Ion Ratio	Lower	Upper	
196	100		
198	98.2	74.6	112.0
97	53.5	42.9	64.3
132	33.2	26.3	39.5

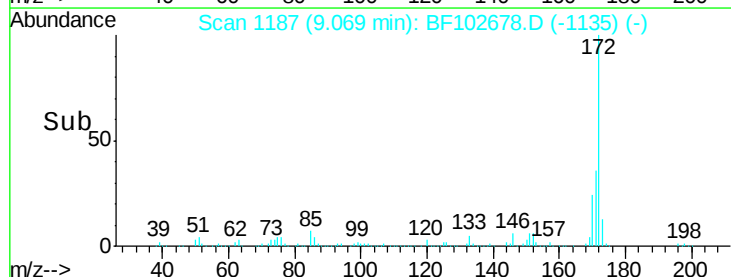
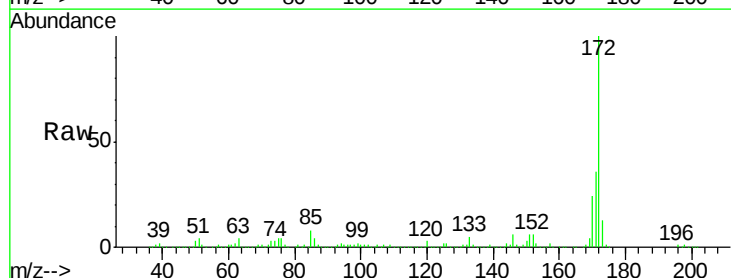
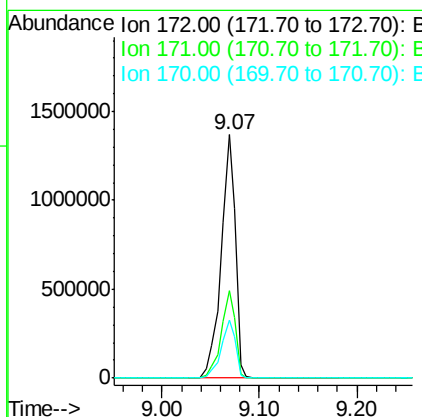
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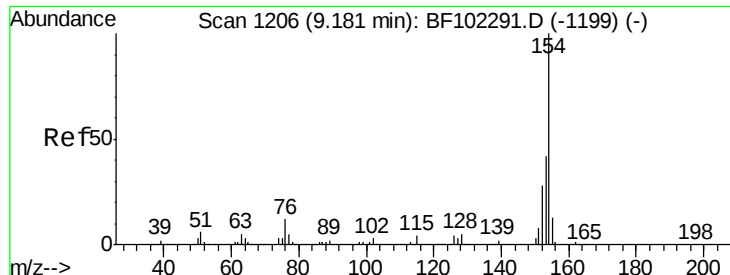
Sohil
 2/1/2018 12:14:37 PM



#44
 2-Fluorobiphenyl
 Concen: 98.025 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion:	172	Resp:	1379393
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4





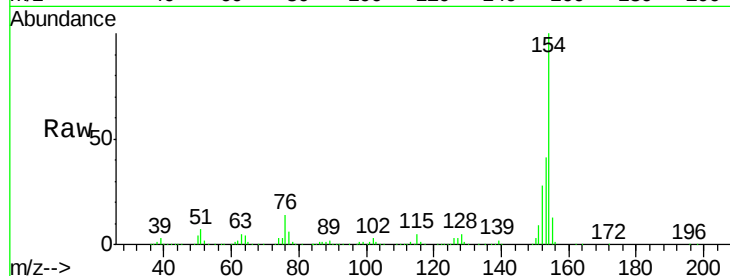
#45
1,1'-Biphenyl
Concen: 47.310 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

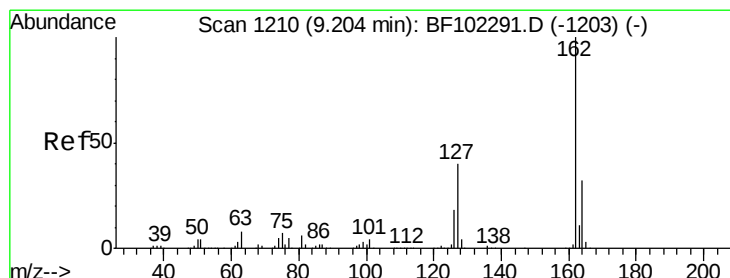
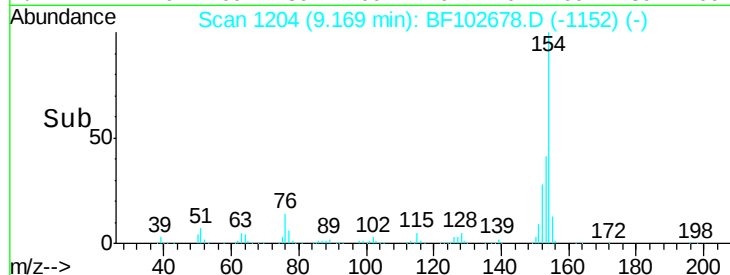
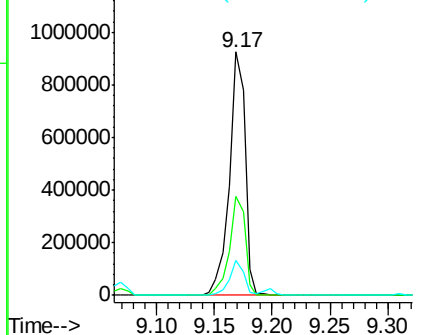
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.9	21.3	61.3
76	14.4	0.0	34.0

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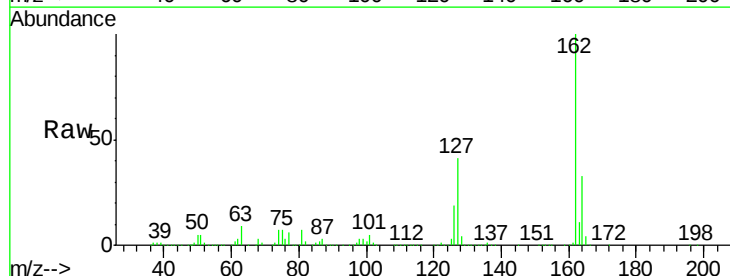


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

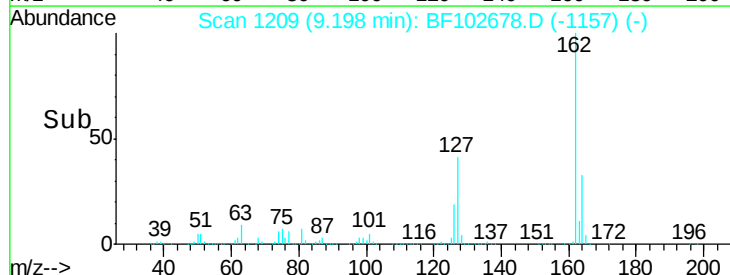
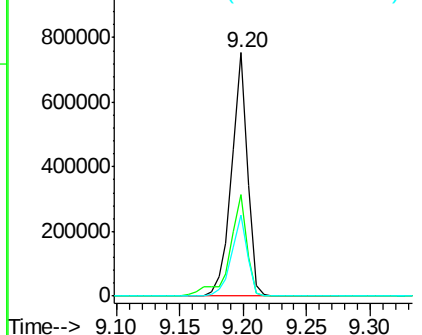


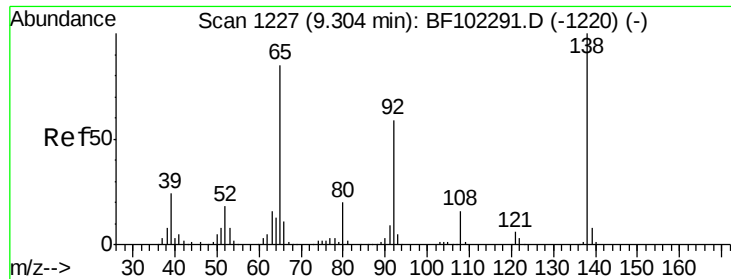
#46
2-Chloronaphthalene
Concen: 45.150 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	41.5	33.9	50.9
164	33.2	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





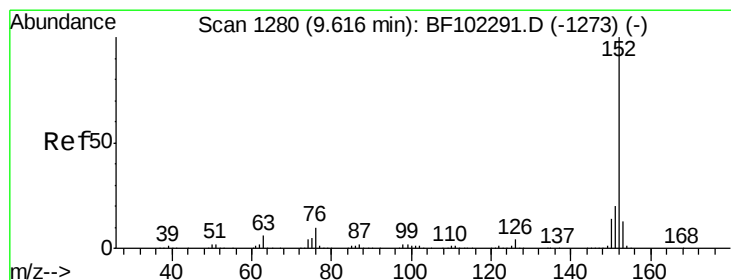
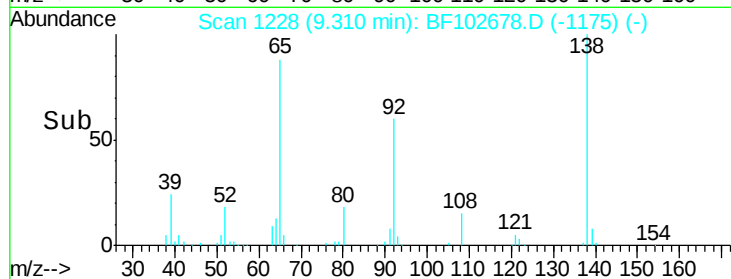
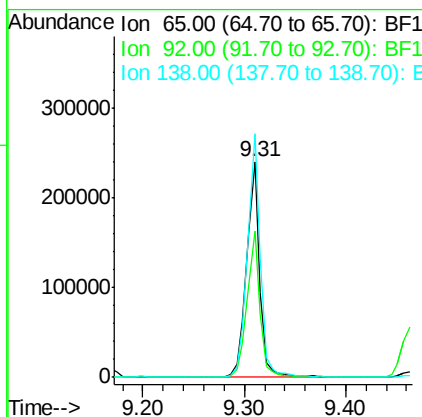
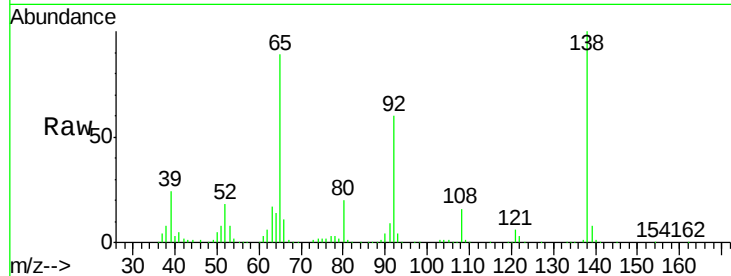
#47
2-Nitroaniline
Concen: 48.782 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	218707		
92	67.7	55.8	83.6	
138	112.8	91.2	136.8	

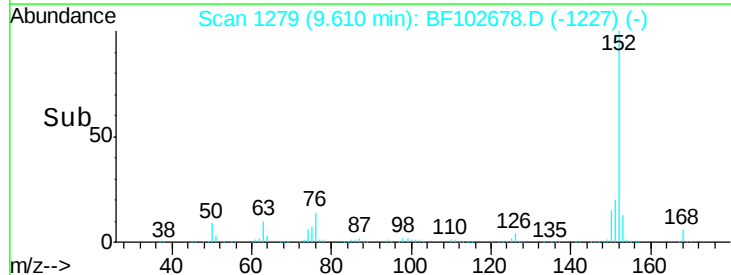
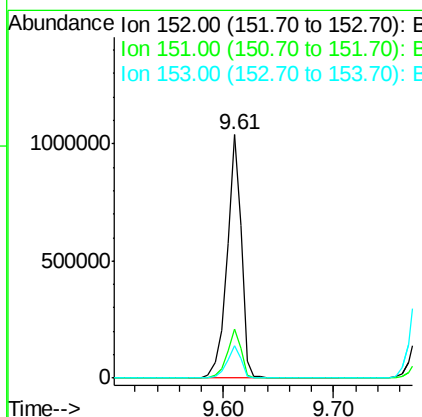
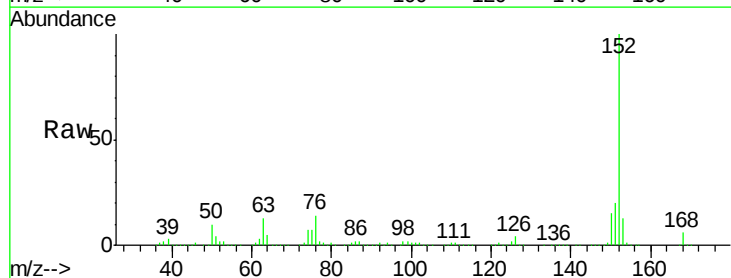
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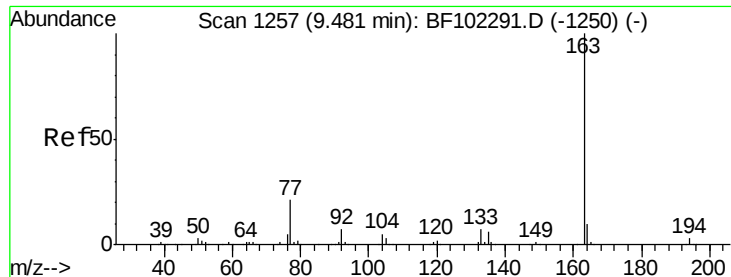
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#48
Acenaphthylene
Concen: 41.774 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	935904		
151	20.4	16.3	24.5	
153	13.2	10.7	16.1	





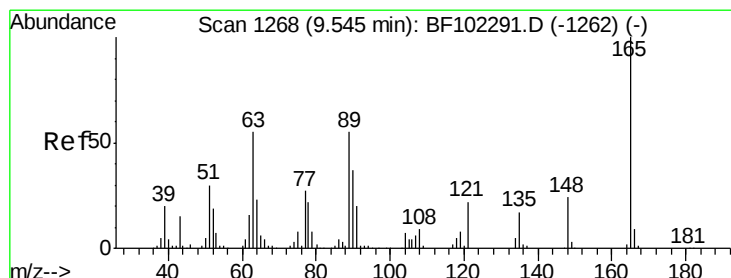
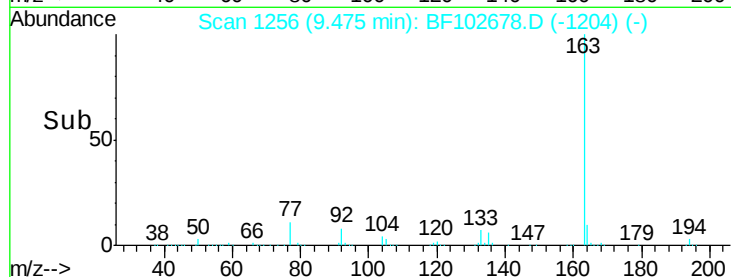
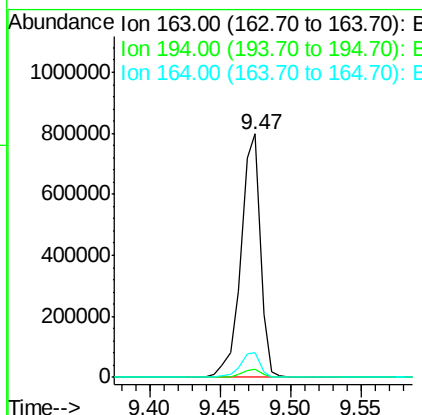
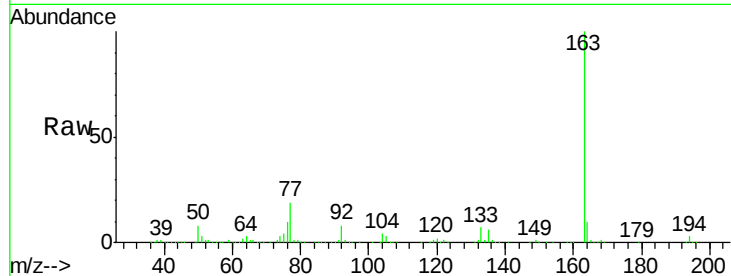
#49
Dimethylphthalate
Concen: 44.852 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2

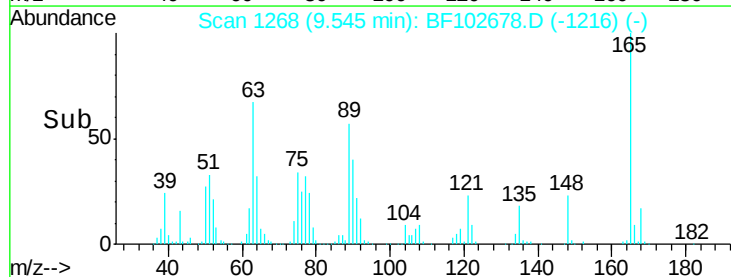
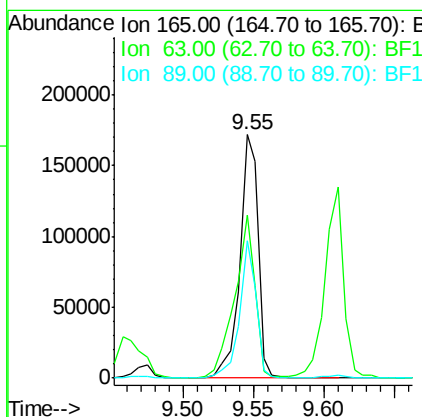
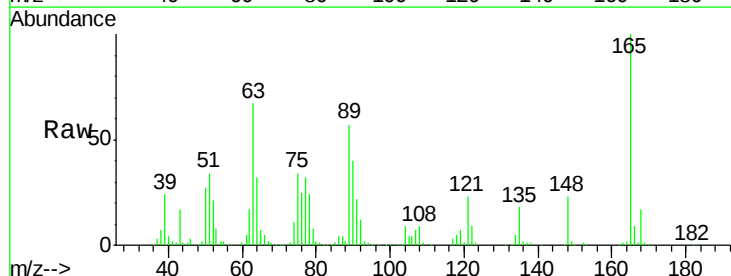
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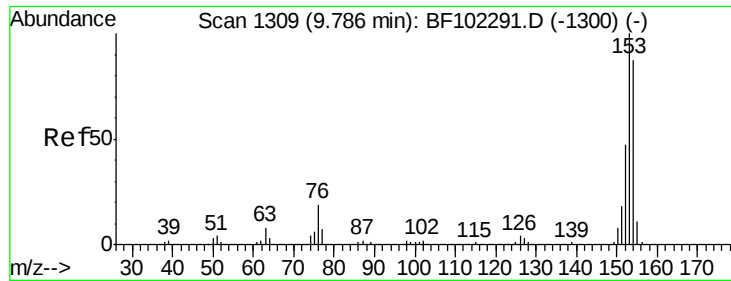
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#50
2,6-Dinitrotoluene
Concen: 41.867 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	67.1	44.7	67.1
89	56.6	44.0	66.0





#51

Acenaphthene

Concen: 42.744 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

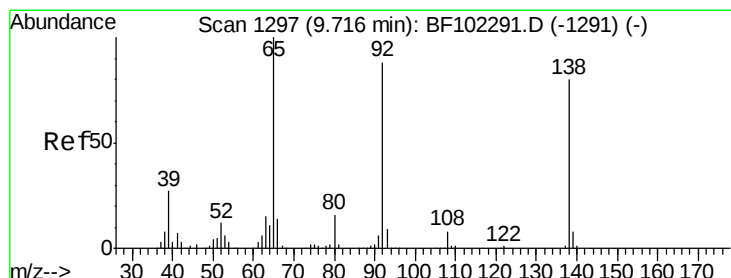
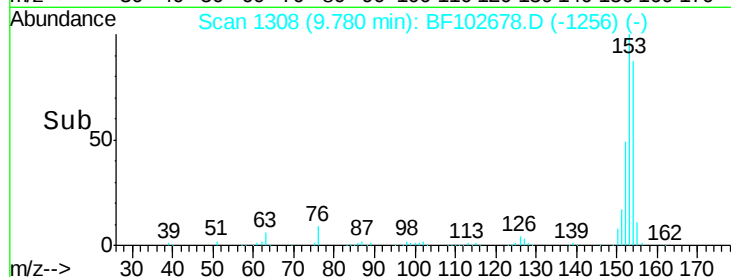
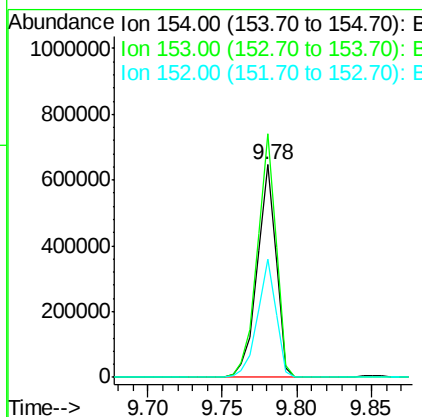
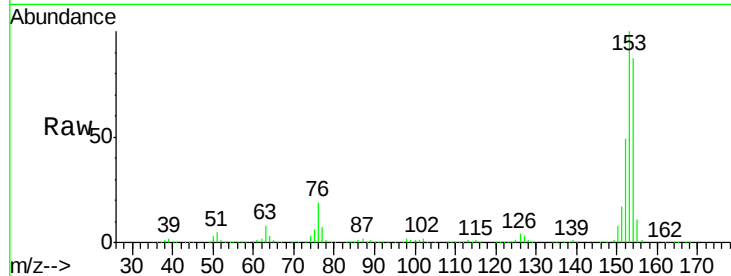
ClientSampleId :

BU-02-013018MSD

Tgt Ion:	154	Resp:	559284
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.2	136.8
152	55.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 40.936 ng

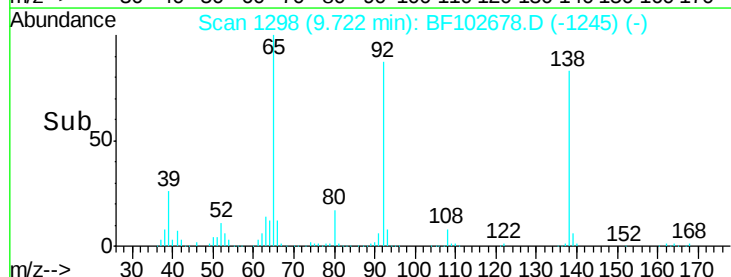
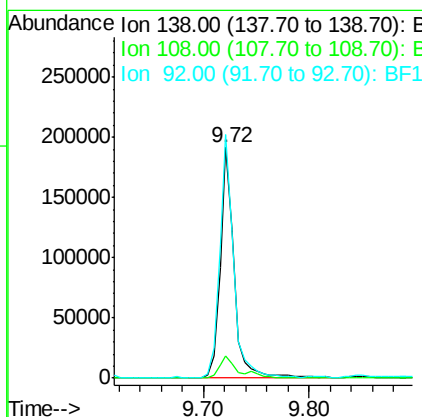
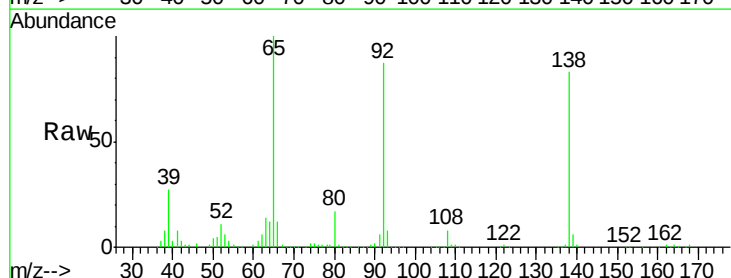
RT: 9.72 min Scan# 1298

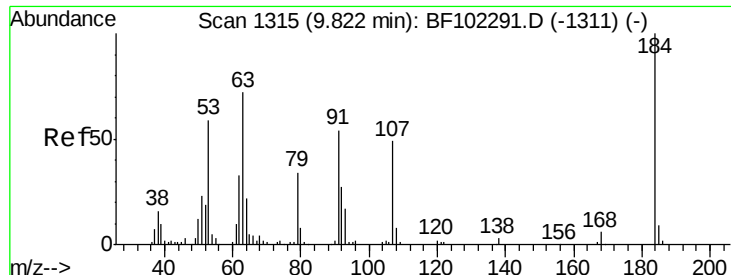
Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:	138	Resp:	178561
Ion Ratio	Lower	Upper	
138	100		
108	9.5	9.4	14.0
92	105.6	89.4	134.2





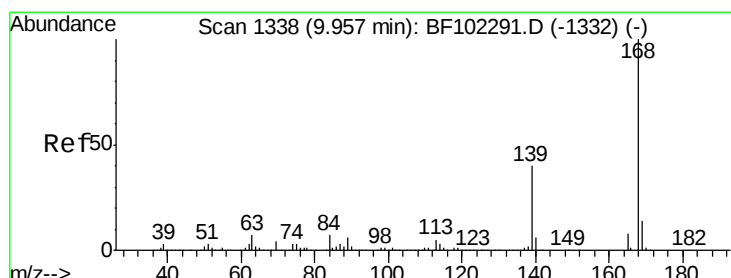
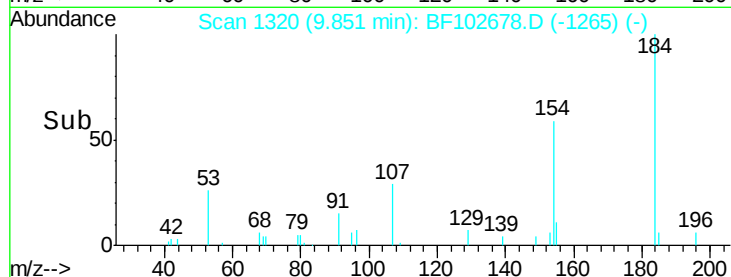
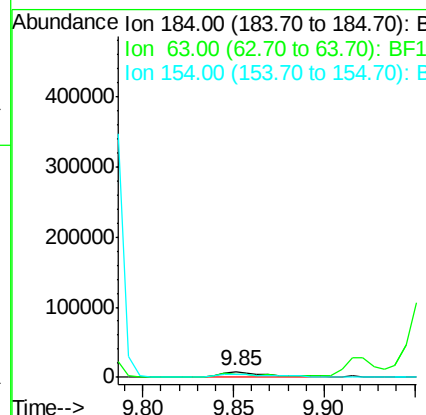
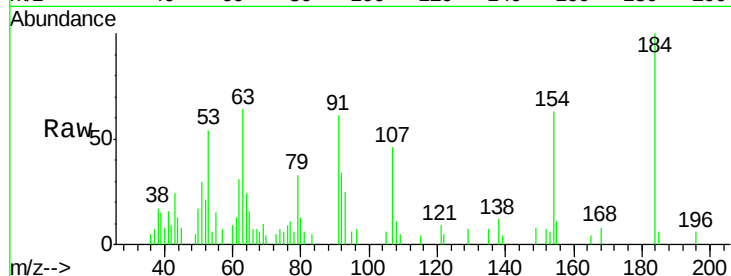
#53
2,4-Dinitrophenol
Concen: 12.820 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.7	54.2	81.2
154	63.3	184.0	276.0#

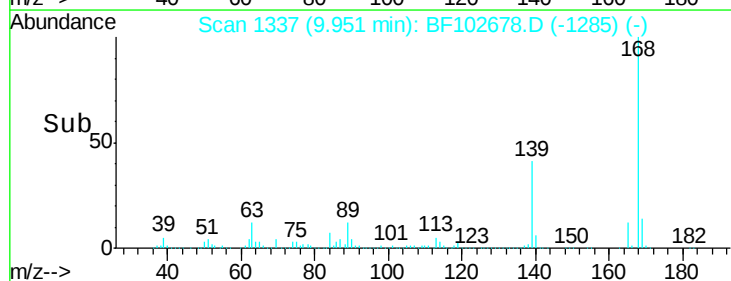
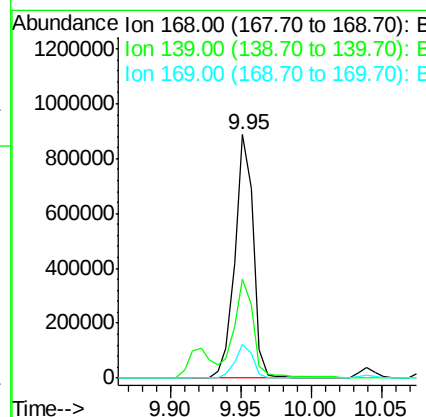
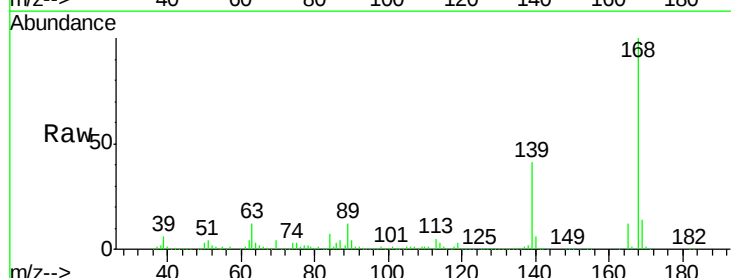
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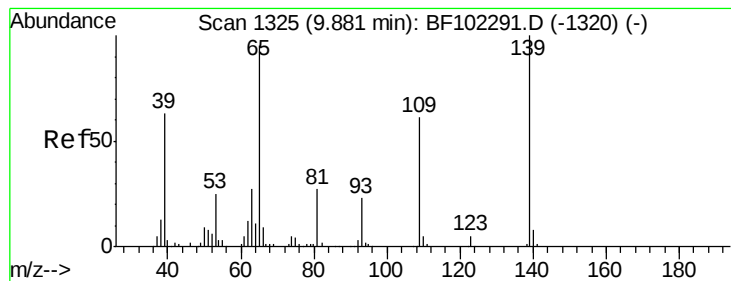
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#54
Dibenzofuran
Concen: 45.284 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.1	45.1
169	13.6	10.9	16.3





#55

4-Nitrophenol

Concen: 43.703 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.03 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

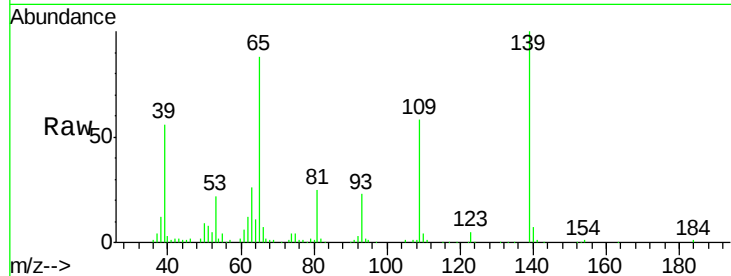
ClientSampleId :

BU-02-013018MSD

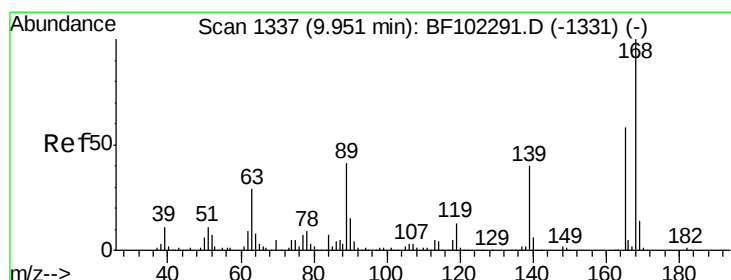
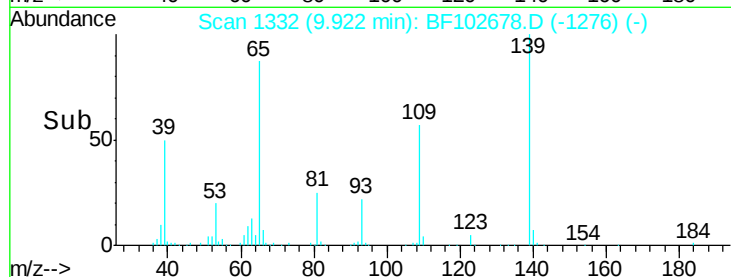
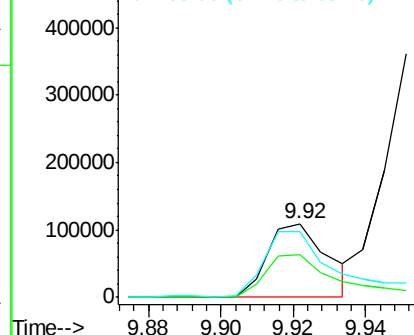
Tgt Ion:	139	Resp:	125833
Ion Ratio	Lower	Upper	
139	100		
109	57.9	48.4	88.4
65	88.0	72.6	112.6

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



#56

2,4-Dinitrotoluene

Concen: 38.482 ng

RT: 9.96 min Scan# 1338

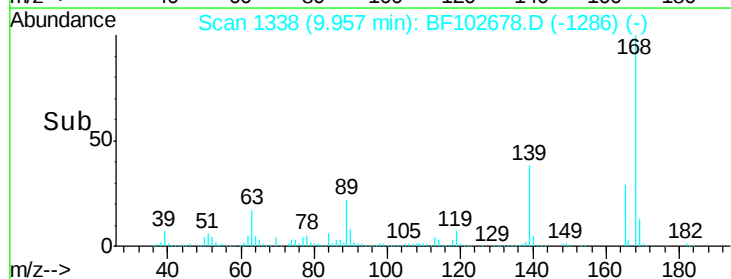
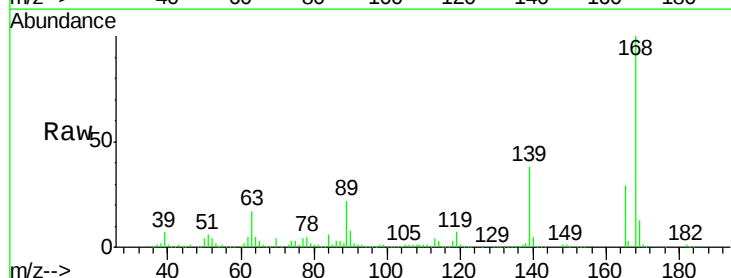
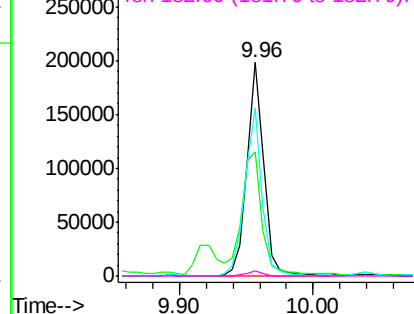
Delta R.T. 0.01 min

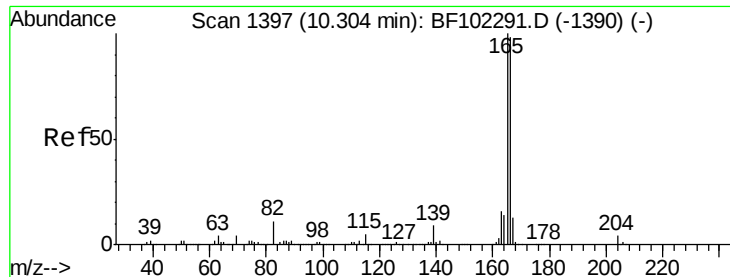
Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:	165	Resp:	174487
Ion Ratio	Lower	Upper	
165	100		
63	58.0	36.4	54.6#
89	78.3	57.8	86.6
182	2.4	1.6	2.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.083 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

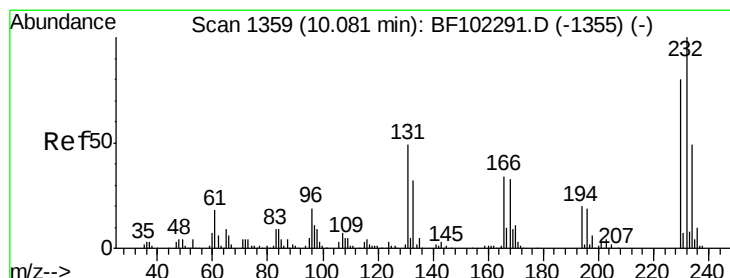
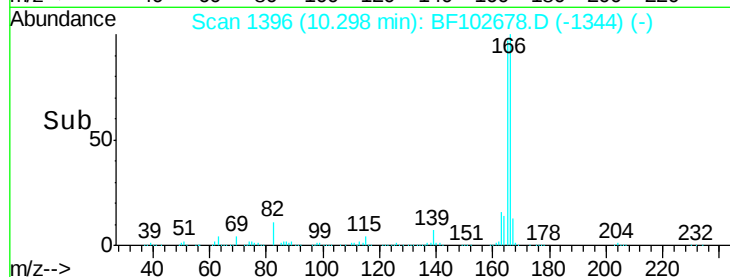
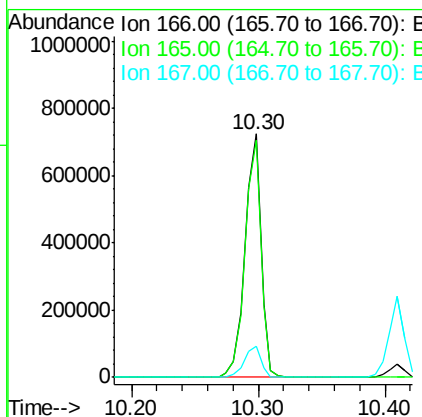
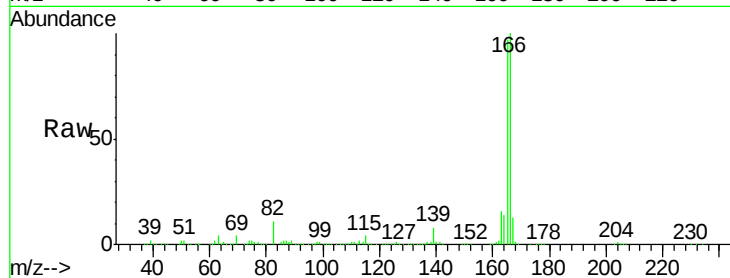
ClientSampleId :

BU-02-013018MSD

Tgt Ion:	166	Resp:	632609
Ion Ratio	Lower	Upper	
166	100		
165	97.4	79.8	119.8
167	13.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.103 ng

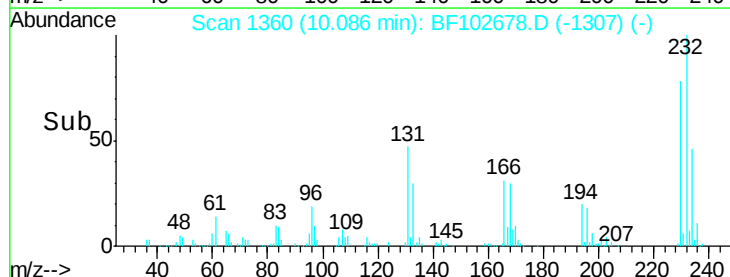
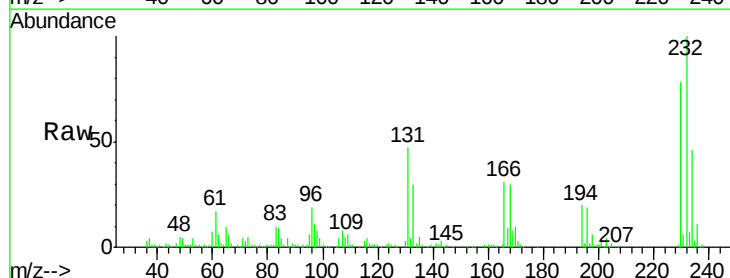
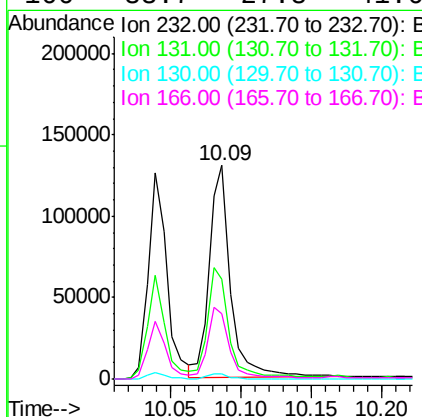
RT: 10.09 min Scan# 1360

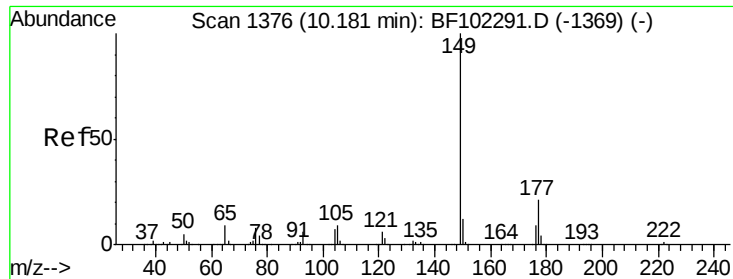
Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:	232	Resp:	137696
Ion Ratio	Lower	Upper	
232	100		
131	49.8	43.8	65.8
130	2.6	2.1	3.1
166	33.7	27.8	41.6





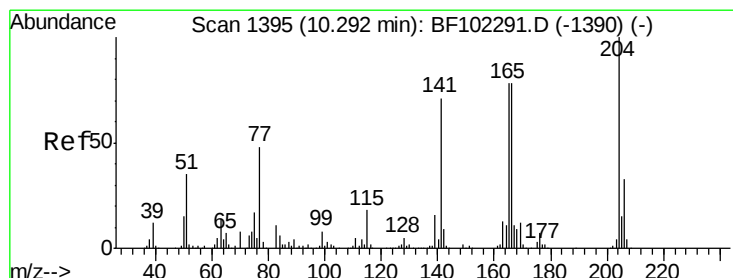
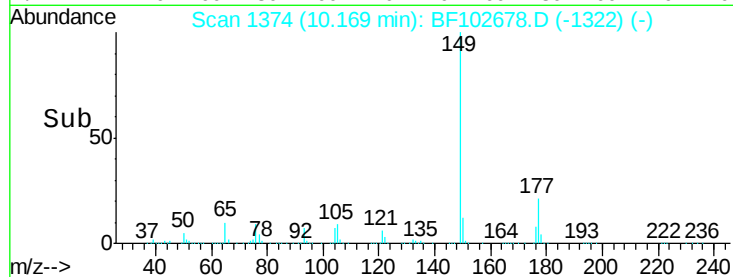
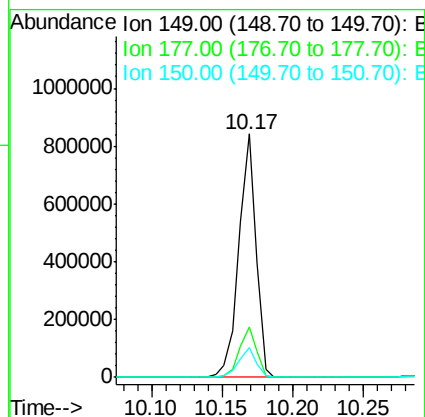
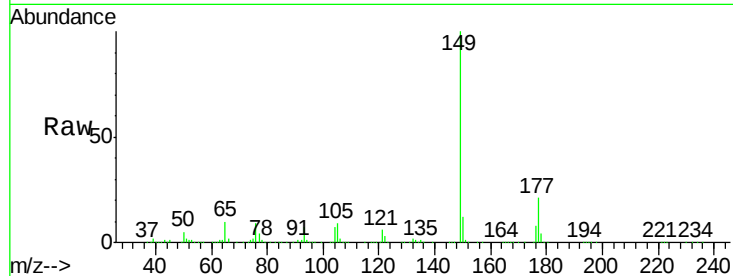
#59
Diethylphthalate
Concen: 43.153 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.4	10.1	15.1

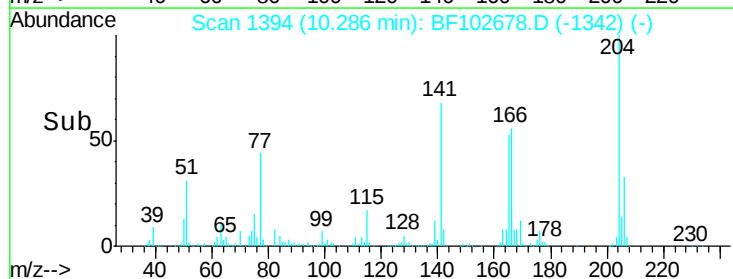
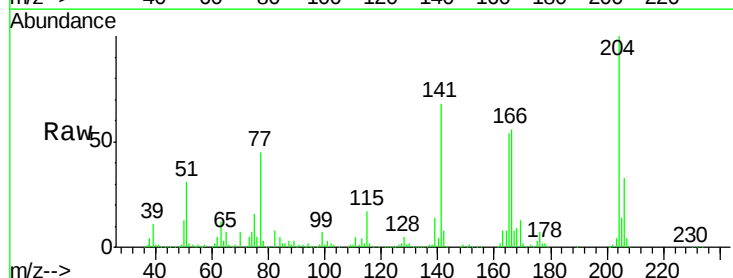
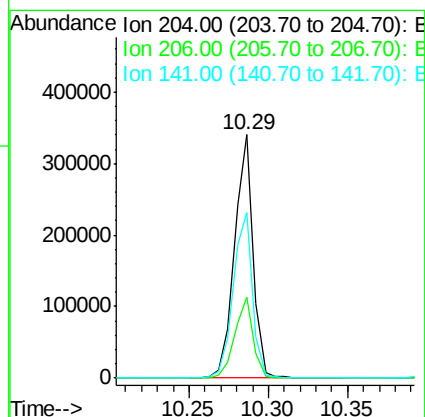
Manual Integrations
APPROVED

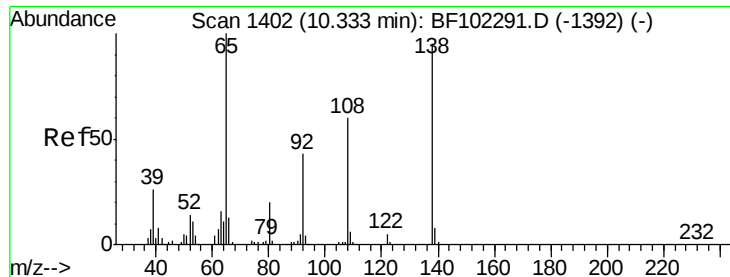
Sohil
2/1/2018 12:14:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.315 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	68.1	54.6	81.8





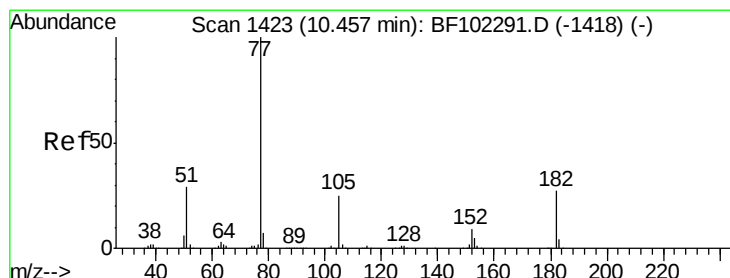
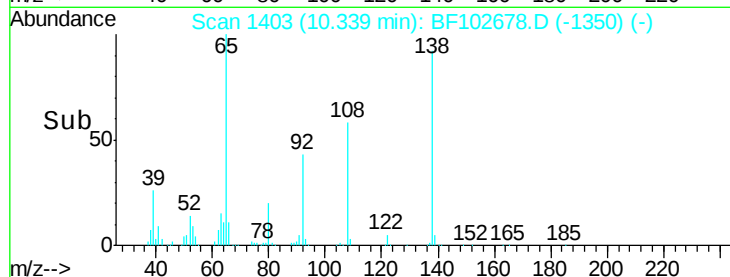
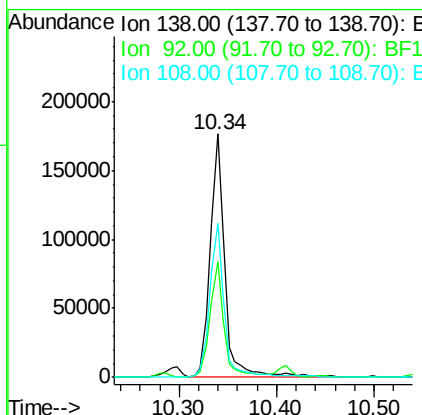
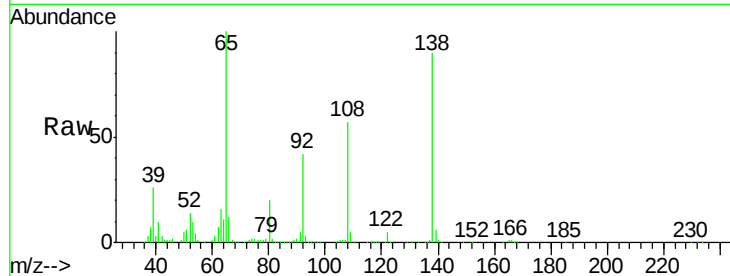
#61
4-Nitroaniline
Concen: 41.832 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	30.2	70.2
108	63.5	52.5	92.5

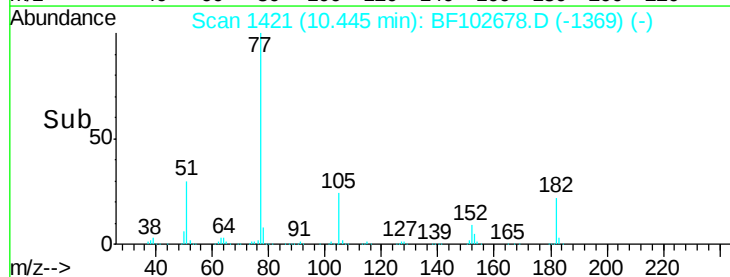
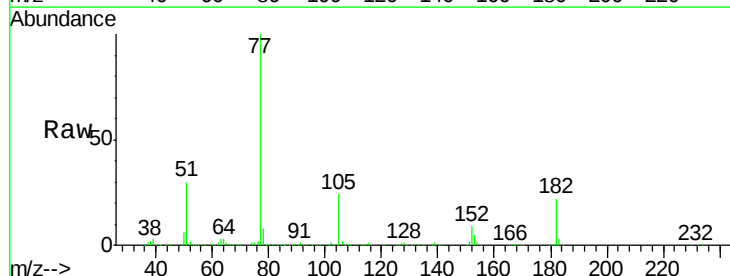
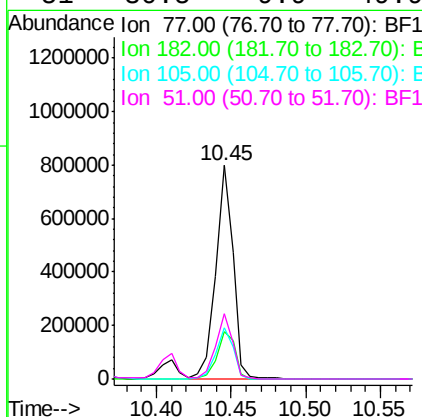
Manual Integrations
APPROVED

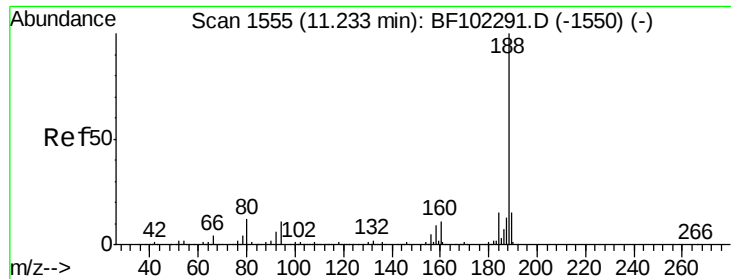
Sohil
2/1/2018 12:14:37 PM



#62
Azobenzene
Concen: 42.233 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.4	1.7	41.7
105	23.8	3.0	43.0
51	30.5	9.9	49.9





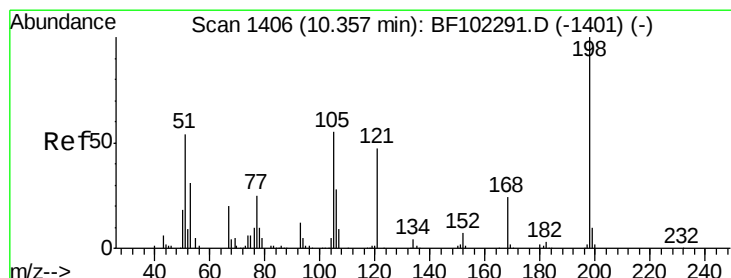
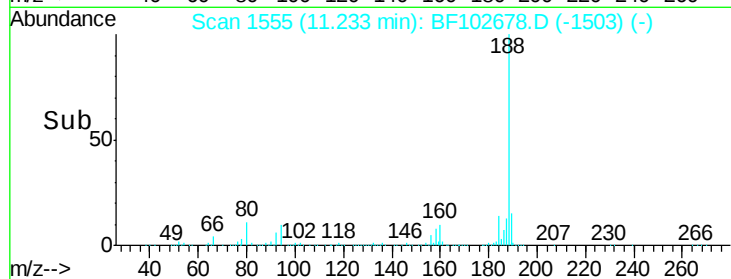
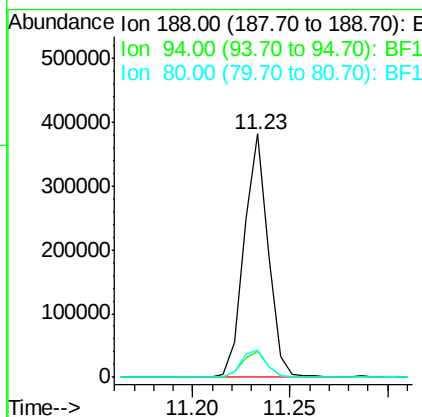
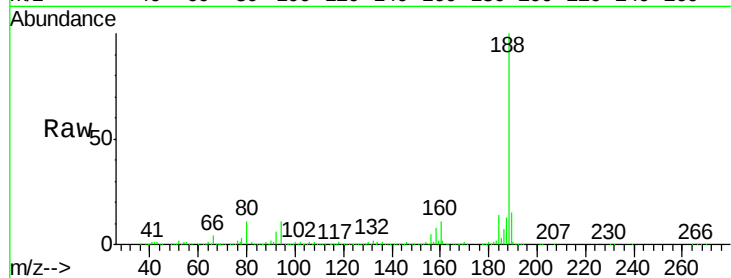
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	324874		
94	10.6	8.5	12.7	
80	11.5	9.2	13.8	

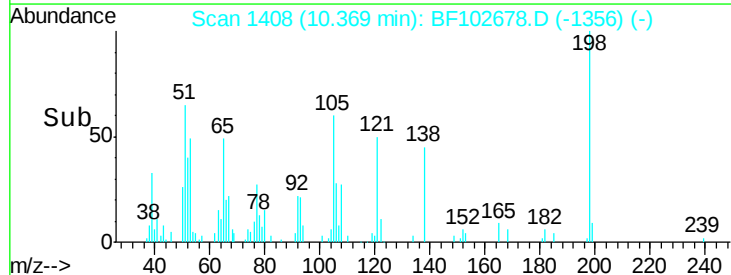
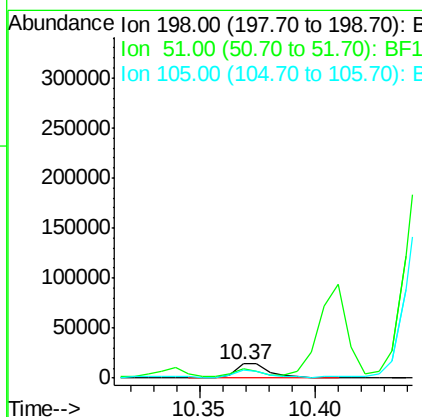
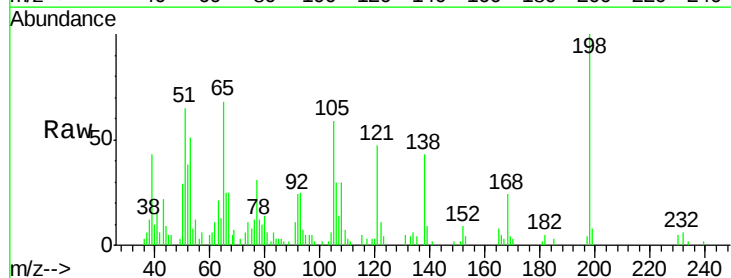
Manual Integrations
APPROVED

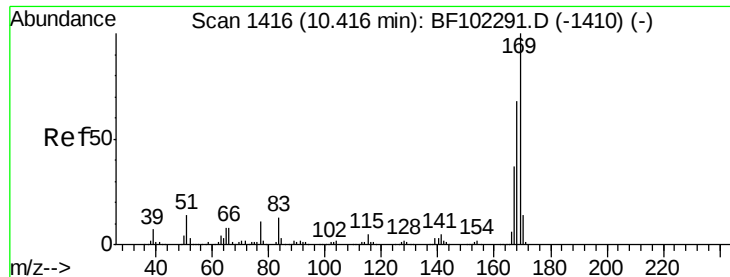
Sohil
2/1/2018 12:14:37 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 6.936 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	15033		
51	64.7	37.7	77.7	
105	59.4	36.3	76.3	





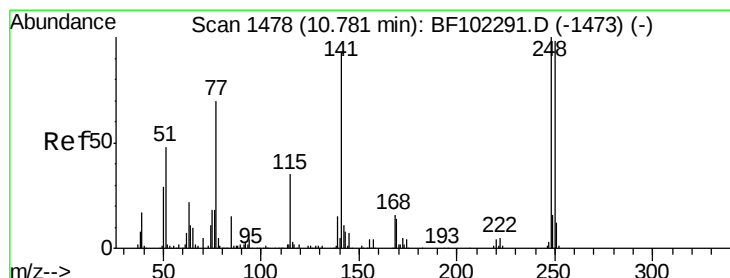
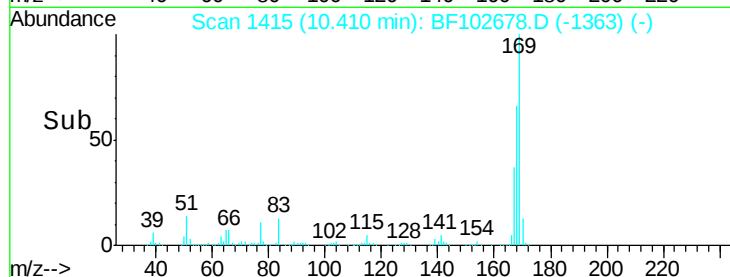
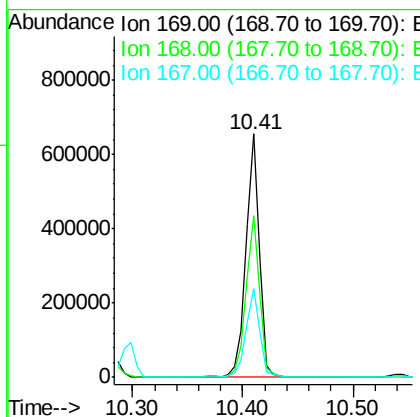
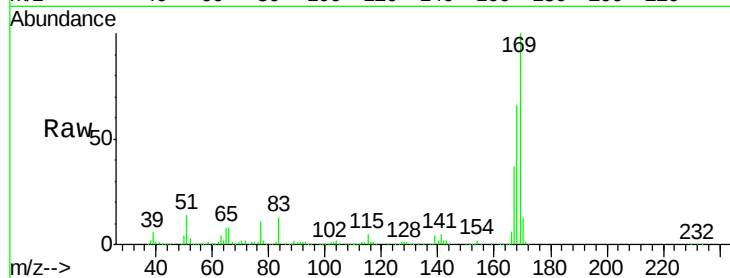
#65
n-Nitrosodiphenylamine
Concen: 46.971 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	560087		
168	66.3		54.4	81.6
167	36.7		29.8	44.6

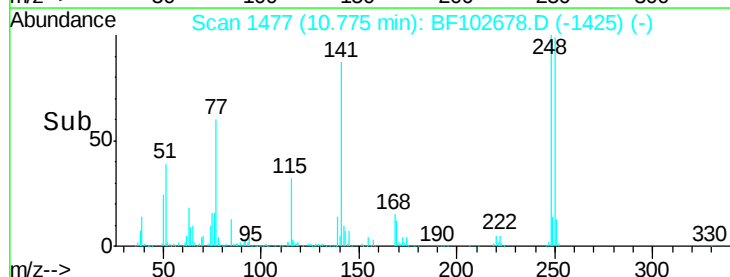
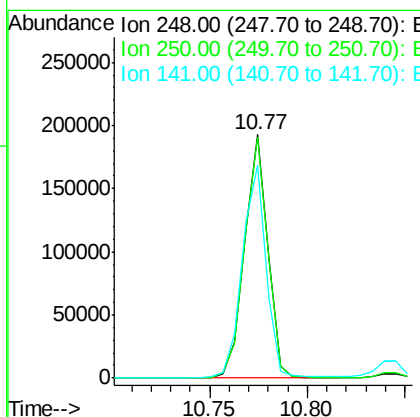
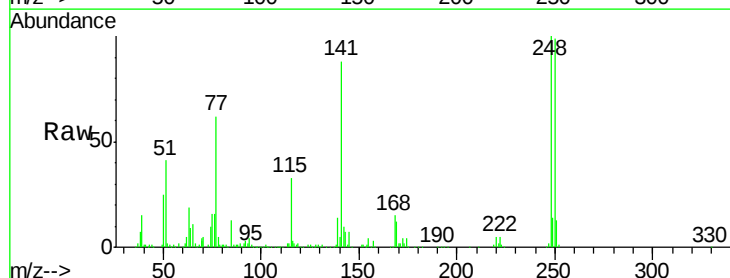
Manual Integrations
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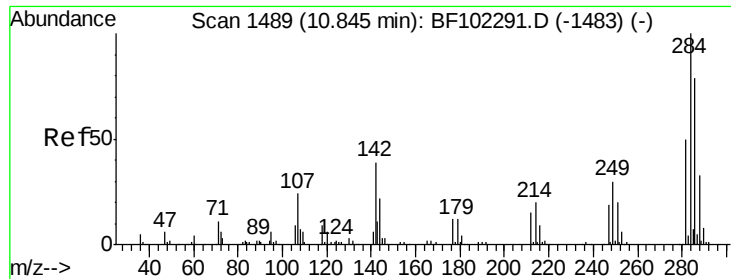
Sohil
2/1/2018 12:14:37 PM



#66
4-Bromophenyl-phenylether
Concen: 45.507 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	159149		
250	98.9		76.9	115.3
141	87.5		74.4	111.6





#67

Hexachlorobenzene

Concen: 40.874 ng

RT: 10.85 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

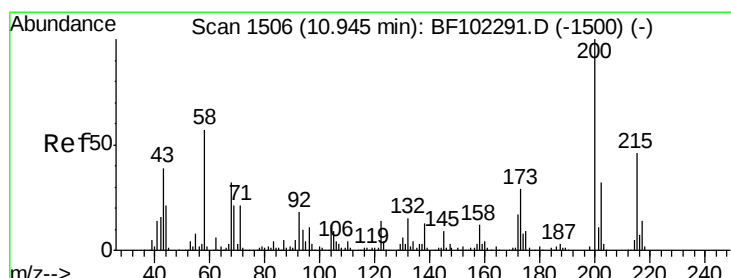
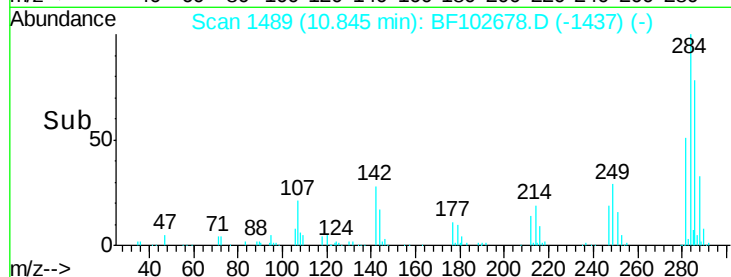
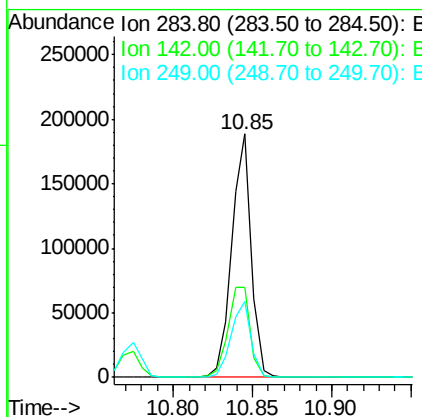
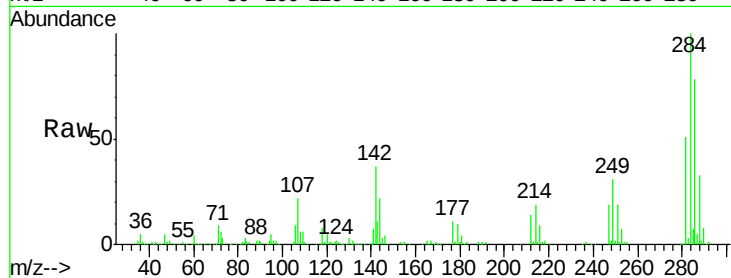
ClientSampleId :

BU-02-013018MSD

Tgt Ion:	284	Resp:	159867
Ion Ratio		Lower	Upper
284	100		
142	36.7	34.6	52.0
249	30.9	24.8	37.2

Manual Integrations
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2/1/2018 12:14:37 PM



#68

Atrazine

Concen: 40.902 ng

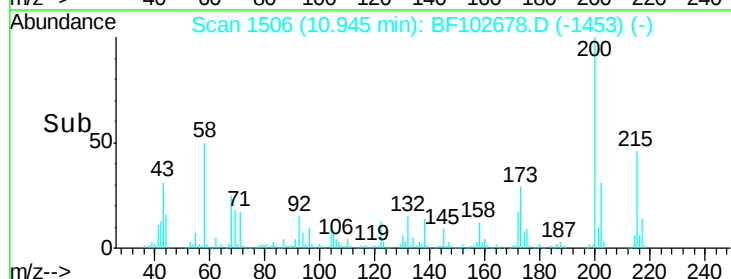
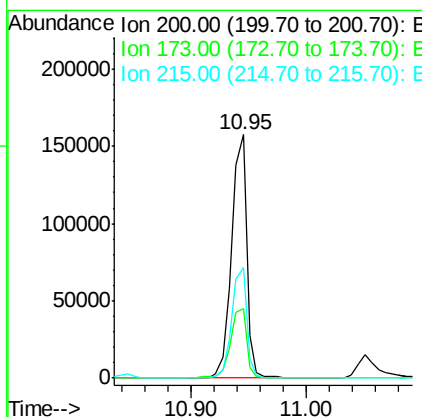
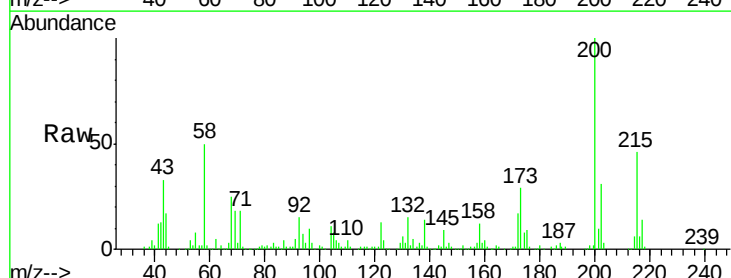
RT: 10.95 min Scan# 1506

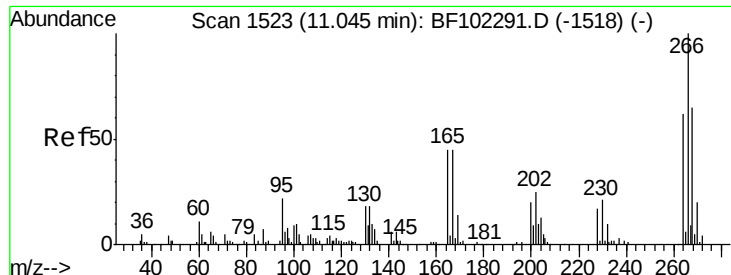
Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:	200	Resp:	144048
Ion Ratio		Lower	Upper
200	100		
173	28.8	8.6	48.6
215	45.6	25.1	65.1





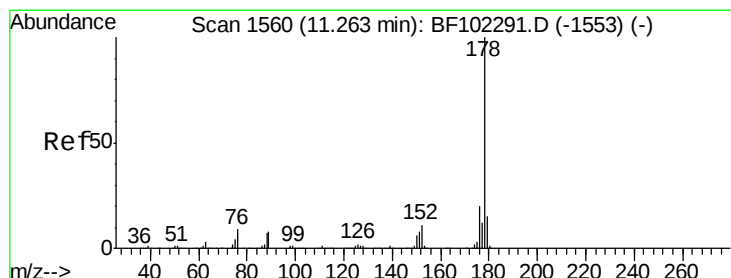
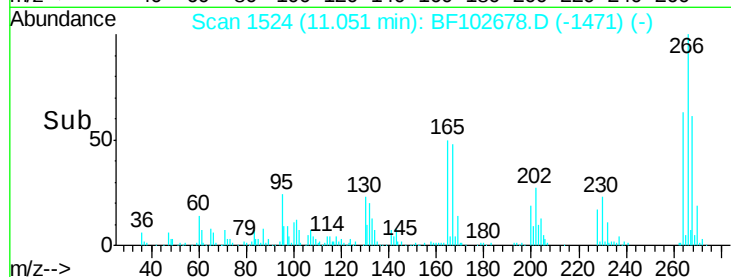
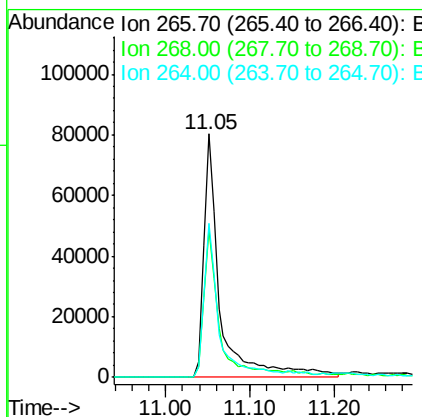
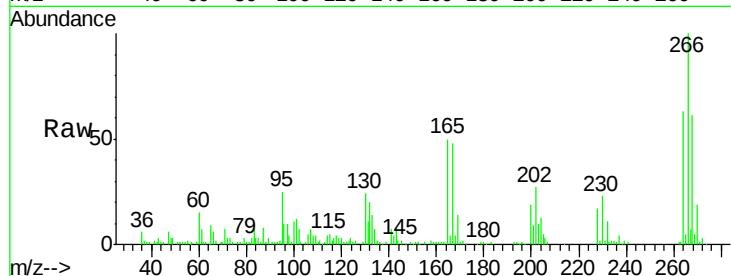
#69
 Pentachlorophenol
 Concen: 52.412 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	107688		
268	60.7	51.1	76.7	
264	63.3	49.5	74.3	

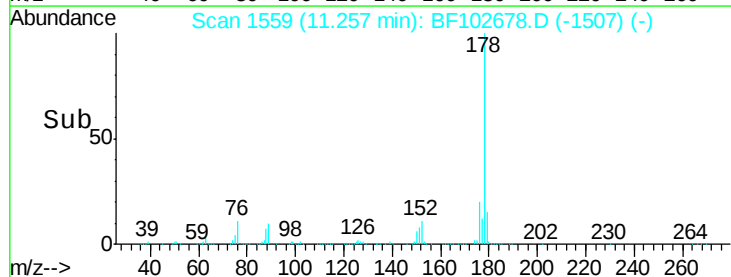
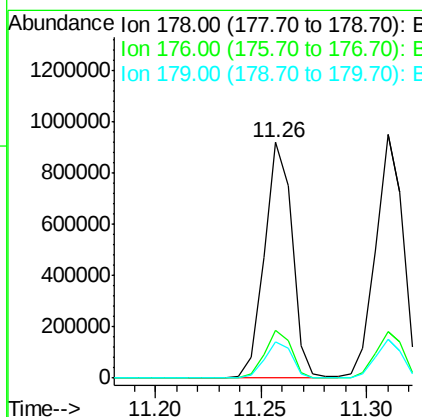
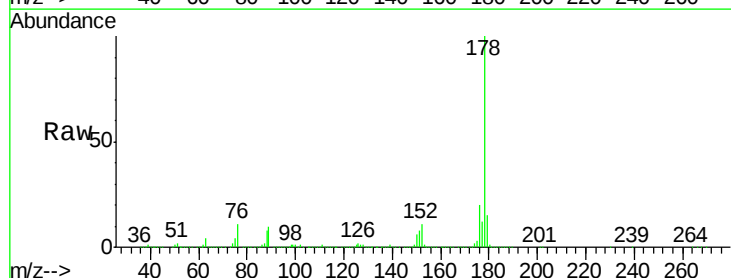
Manual Integrations
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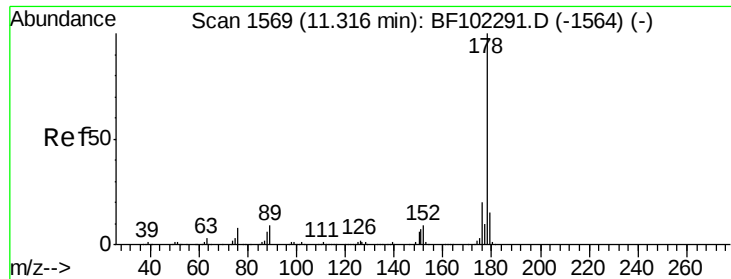
Sohil
 2/1/2018 12:14:37 PM



#70
 Phenanthrene
 Concen: 44.591 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	844154		
176	20.3	15.8	23.8	
179	15.4	13.0	19.6	





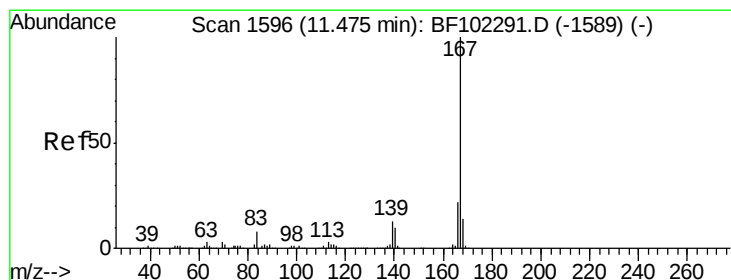
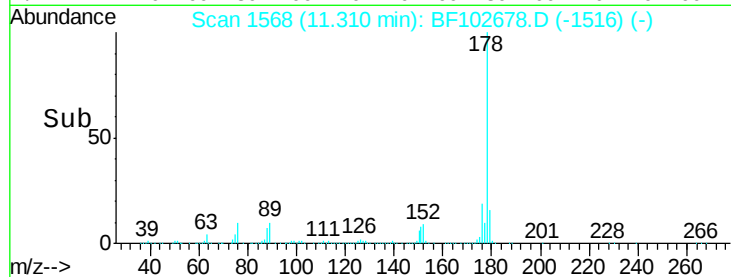
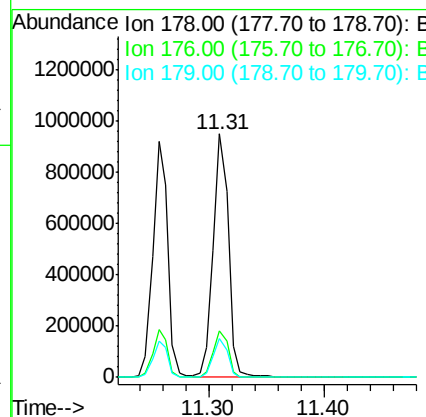
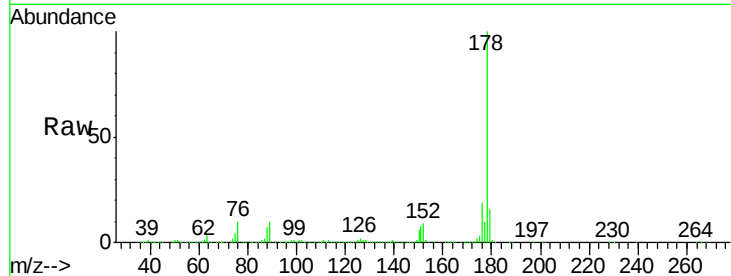
#71
 Anthracene
 Concen: 45.312 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0

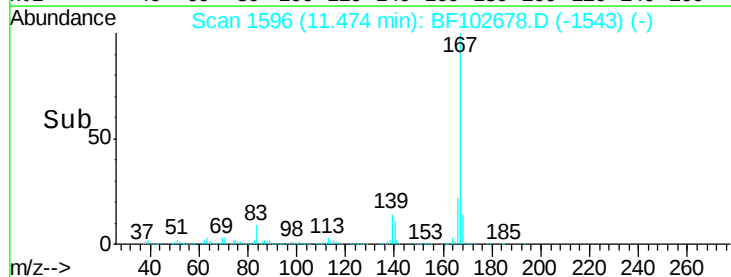
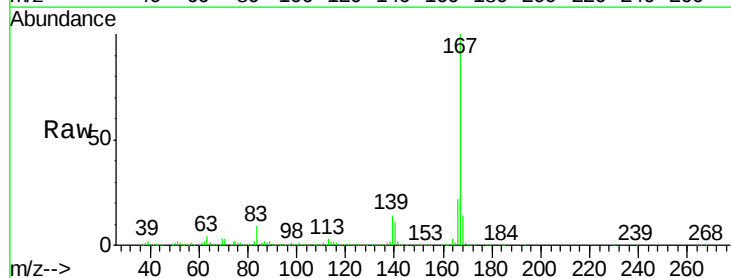
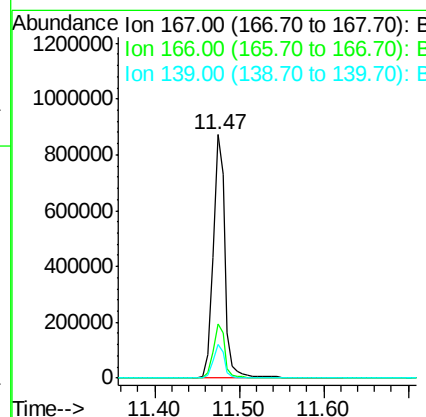
Manual Integrations
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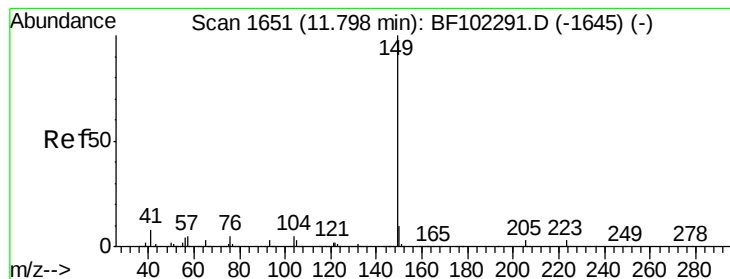
Sohil
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#72
 Carbazole
 Concen: 45.644 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BF102678.D
 Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.111 ng

RT: 11.79 min Scan# 1650

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

BU-02-013018MSD

Tgt Ion:149 Resp: 1039393

Ion Ratio Lower Upper

149 100

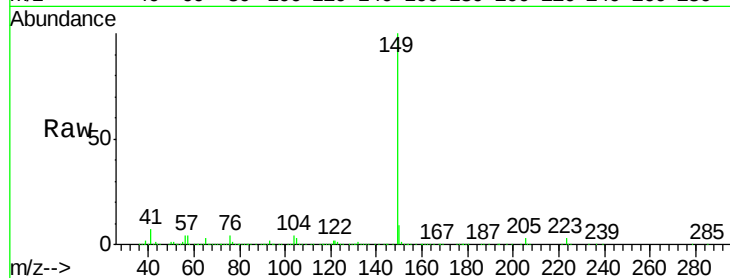
150 9.2 7.8 11.6

104 4.4 3.8 5.8

Manual Integrations
APPROVED

Sohil

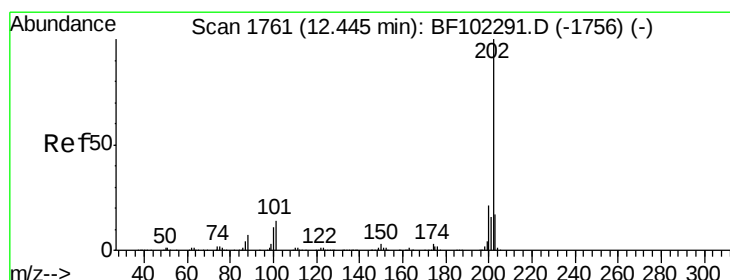
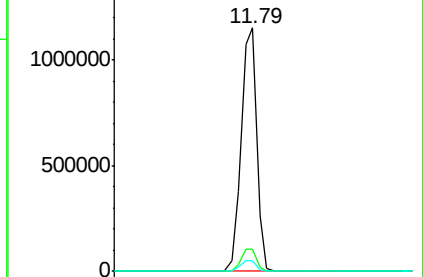
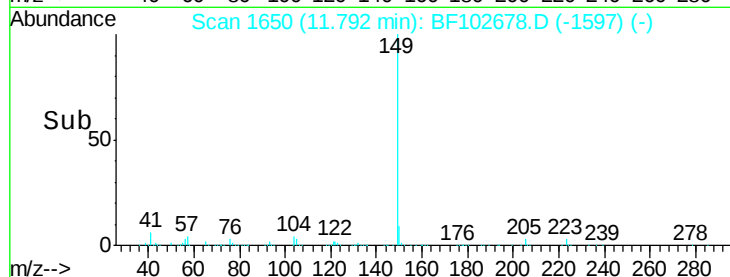
2/1/2018 12:14:37 PM



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: 47.364 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

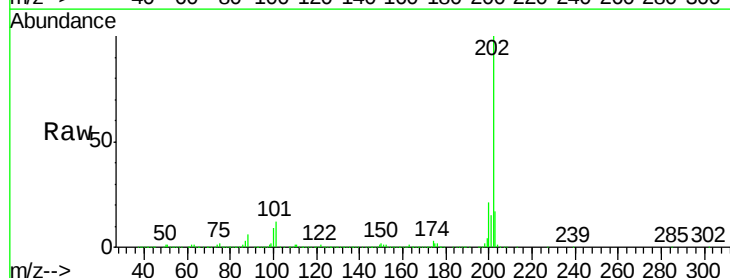
Tgt Ion:202 Resp: 914374

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

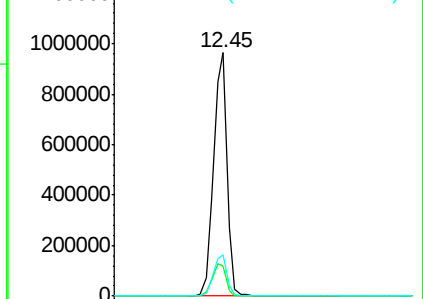
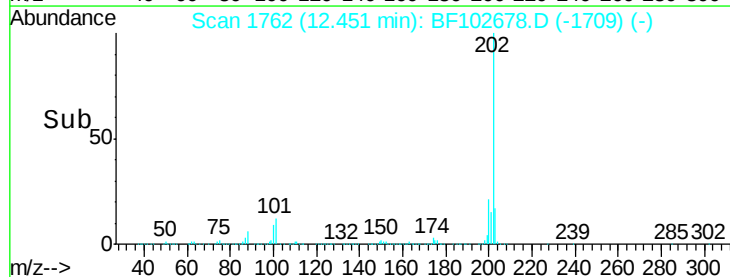
203 17.2 0.0 38.1

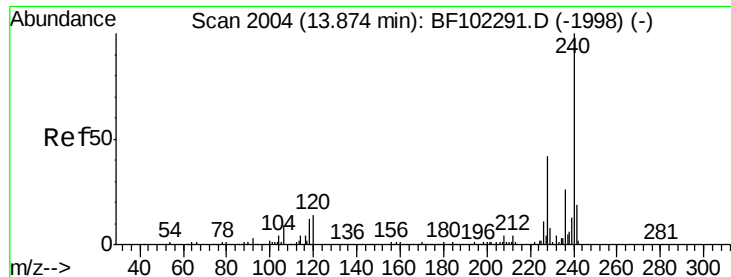


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

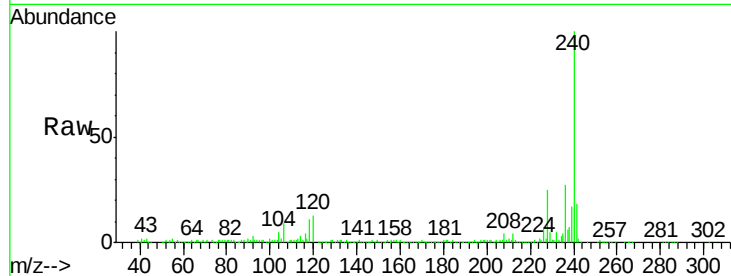
ClientSampleId :

BU-02-013018MSD

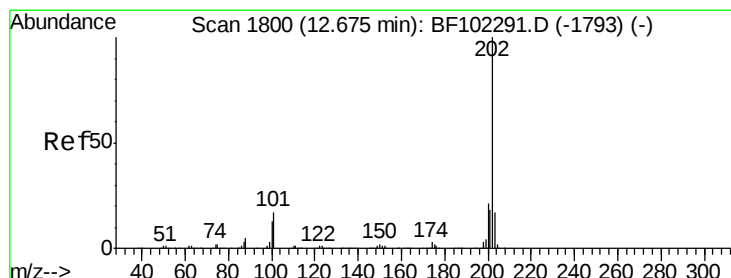
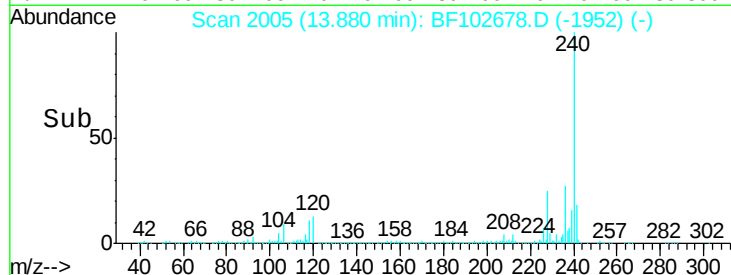
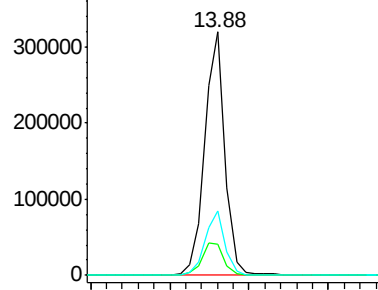
Tgt Ion:	240	Resp:	279515
Ion Ratio		Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.6	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 43.196 ng

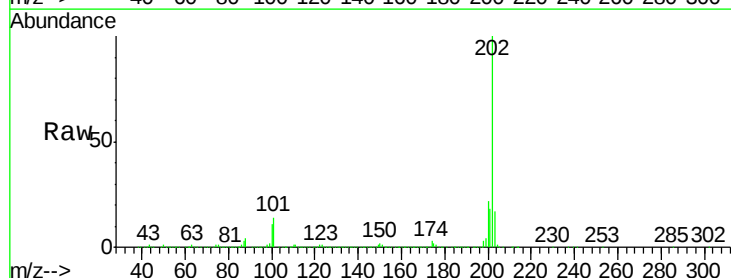
RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

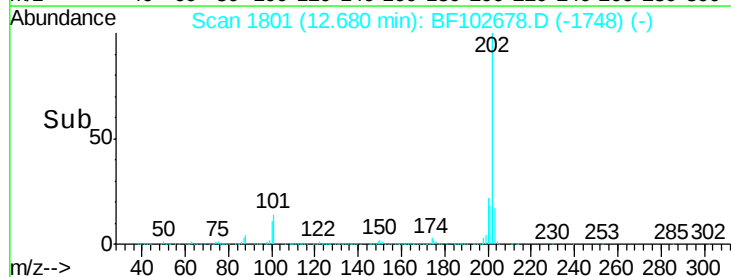
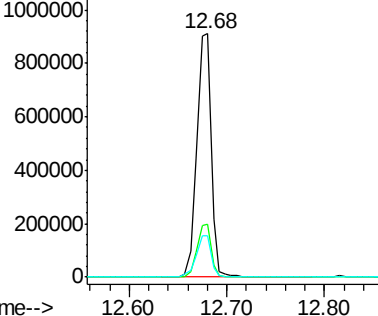
Lab File: BF102678.D

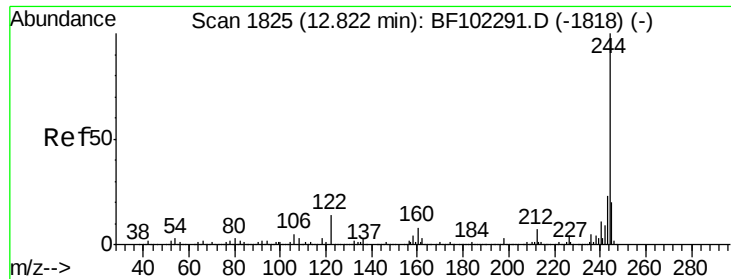
Acq: 1 Feb 2018 1:56

Tgt Ion:	202	Resp:	933509
Ion Ratio		Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.2	14.3	21.5



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: 93.137 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

ClientSampleId :

BU-02-013018MSD

Tgt Ion:244 Resp: 1154794

Ion Ratio Lower Upper

244 100

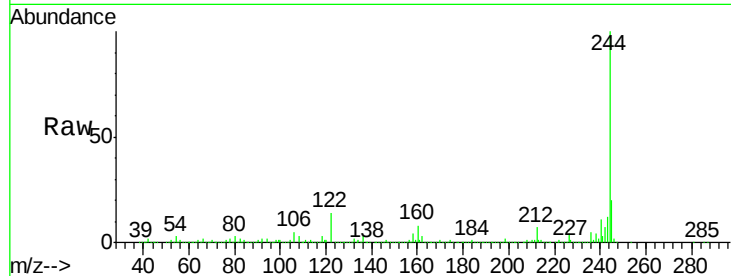
212 6.7 5.4 8.0

122 14.2 11.0 16.4

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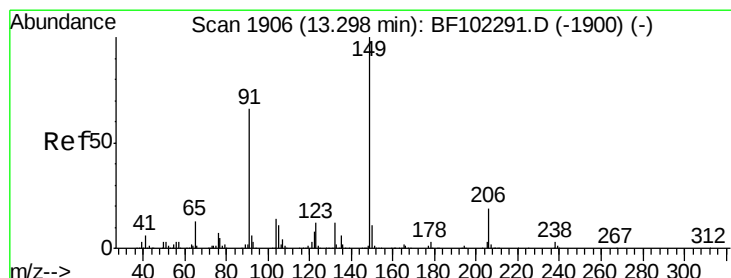
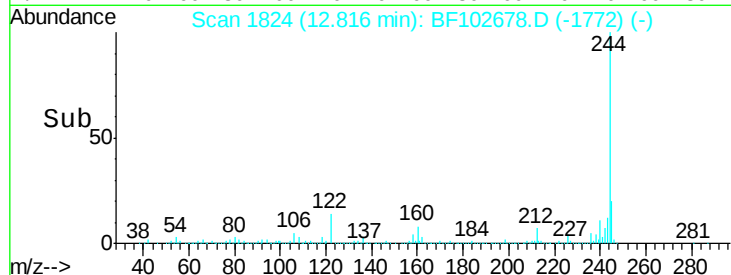
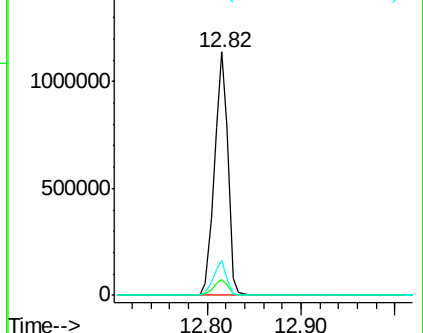
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 44.608 ng

RT: 13.29 min Scan# 1904

Delta R.T. 0.01 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

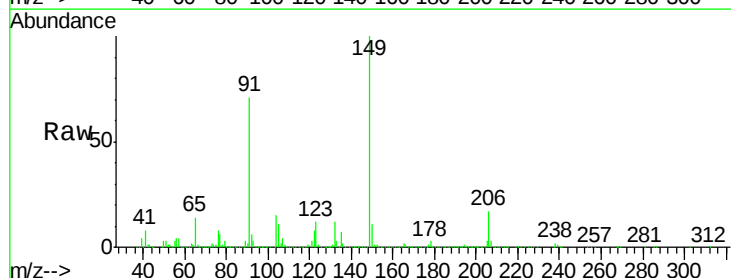
Tgt Ion:149 Resp: 479748

Ion Ratio Lower Upper

149 100

91 70.9 56.8 85.2

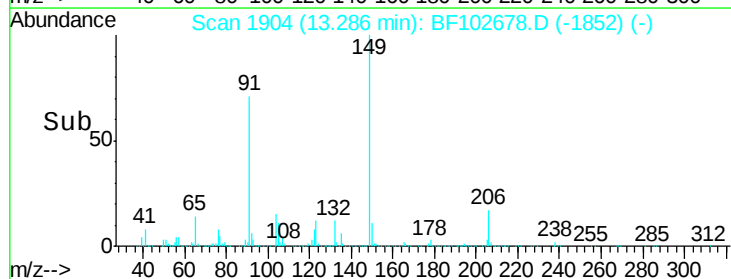
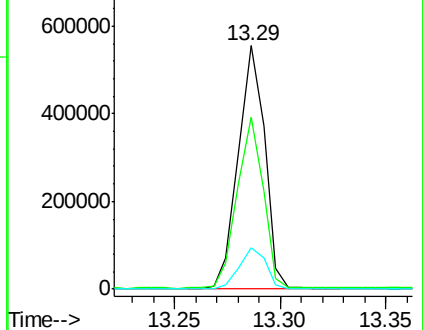
206 17.1 14.1 21.1

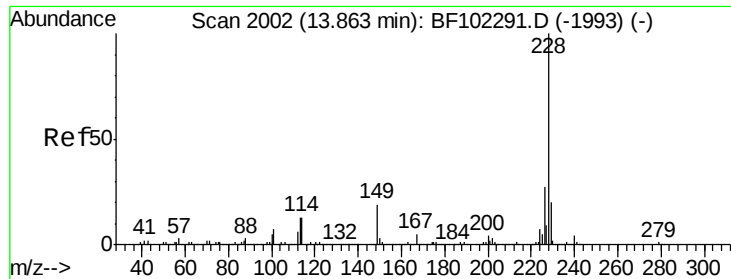


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





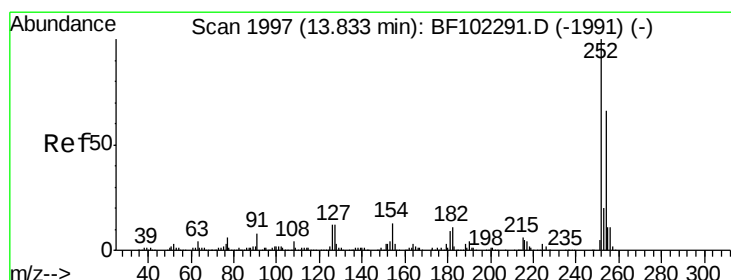
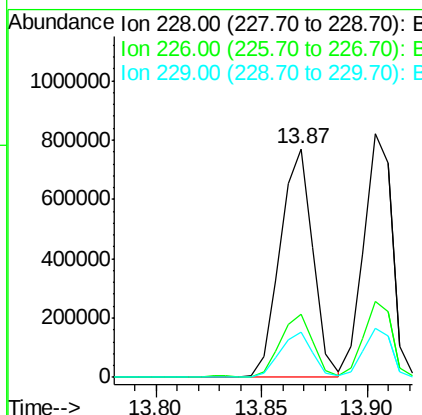
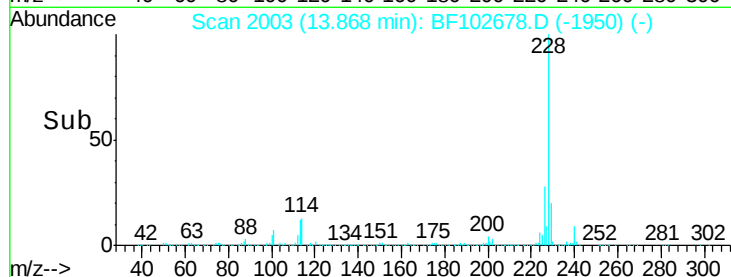
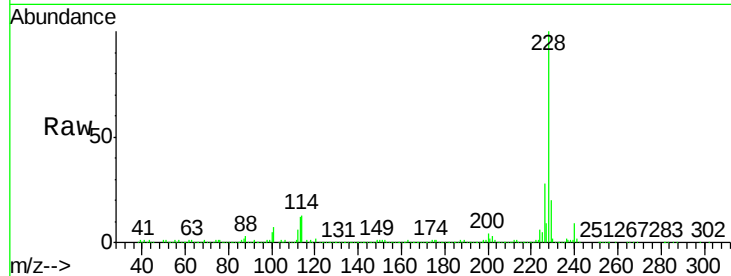
#80
Benzo(a)anthracene
Concen: 48.449 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.9	15.8	23.6

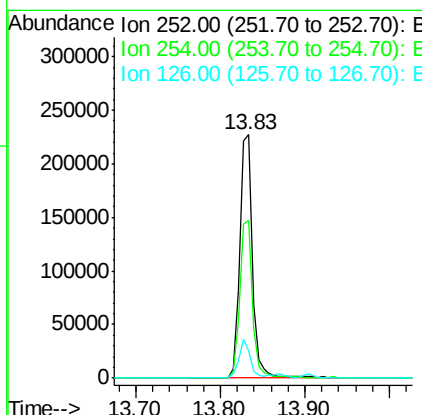
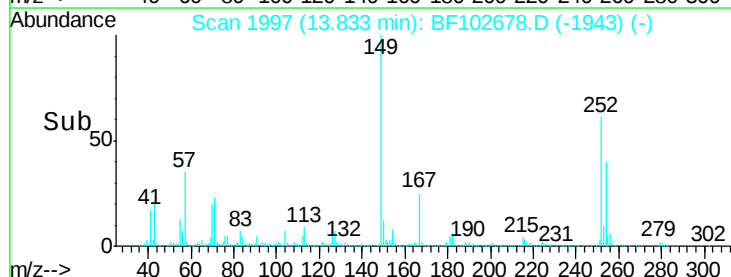
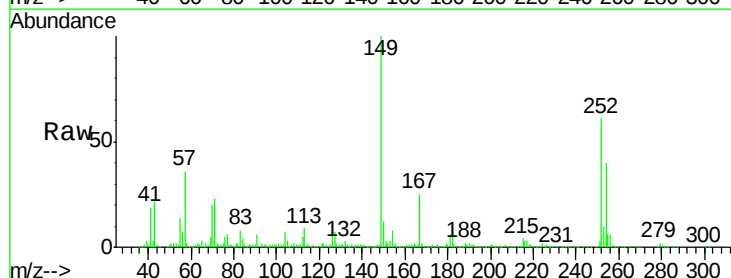
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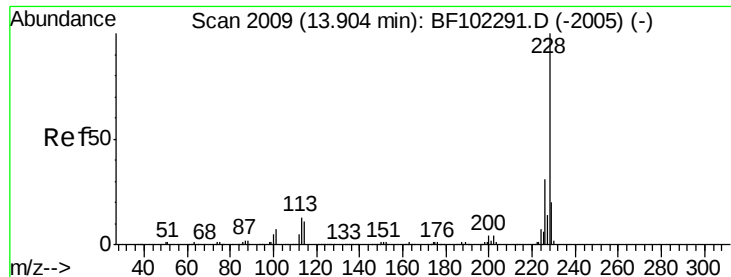
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#81
3,3'-Dichlorobenzidine
Concen: 36.974 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.02 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.4	75.6
126	11.2	11.3	16.9#





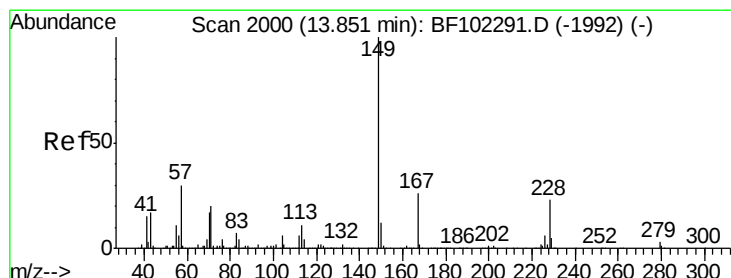
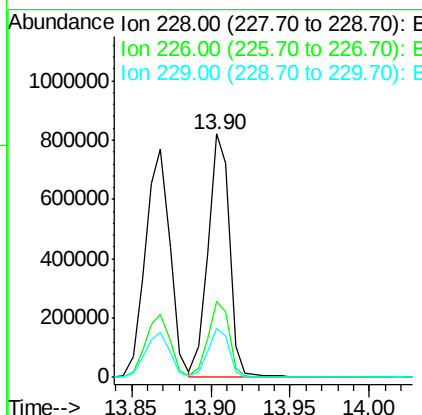
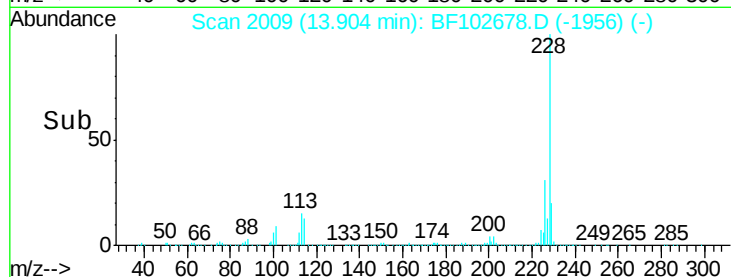
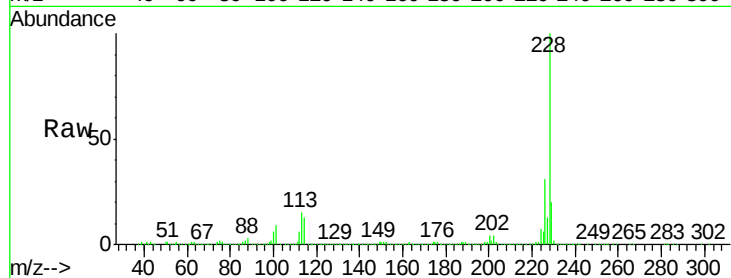
#82
Chrysene
Concen: 44.547 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.0	16.2	24.4

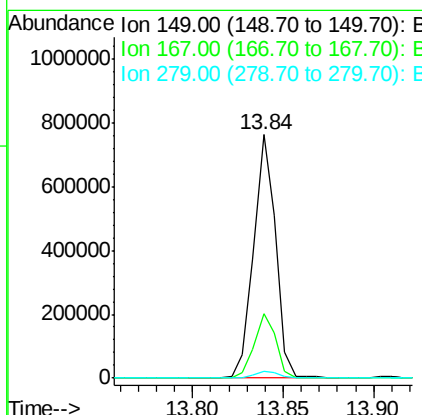
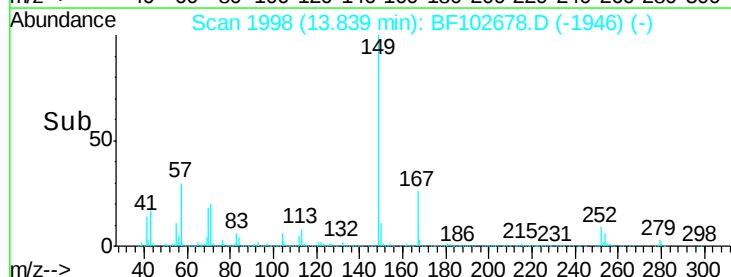
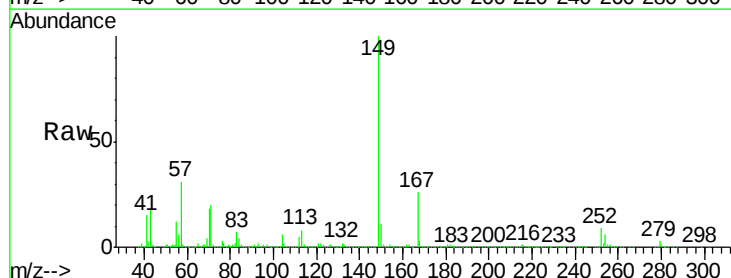
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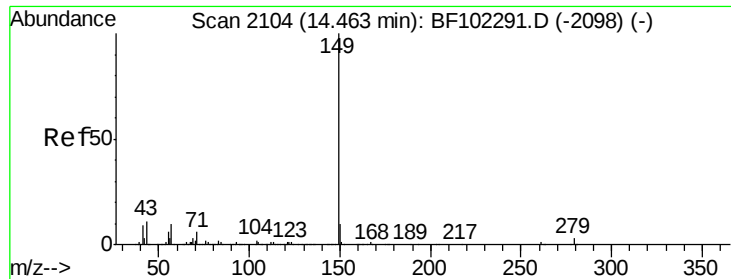
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#83
Bis(2-ethylhexyl)phthalate
Concen: 44.257 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	2.7	3.0	4.4#





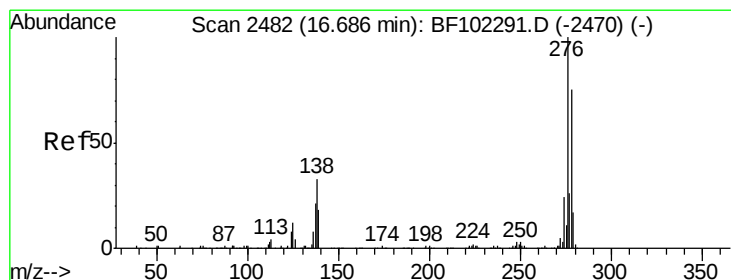
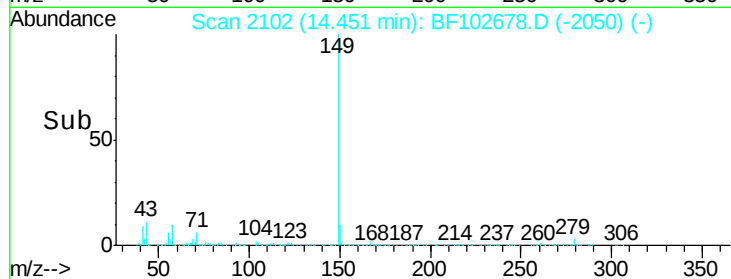
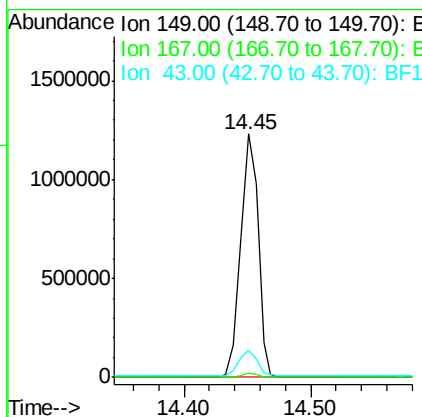
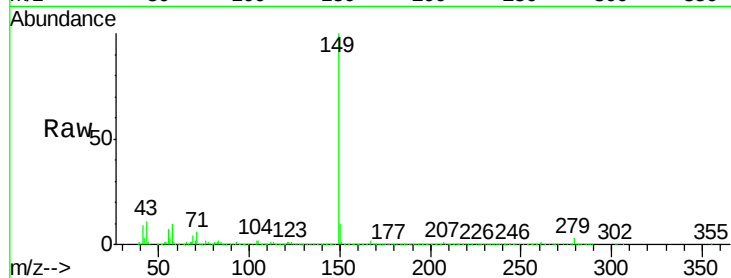
#84
Di-n-octyl phthalate
Concen: 49.455 ng
RT: 14.45 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.4	8.4	12.6

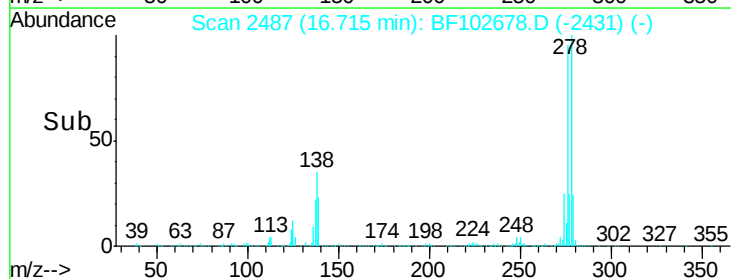
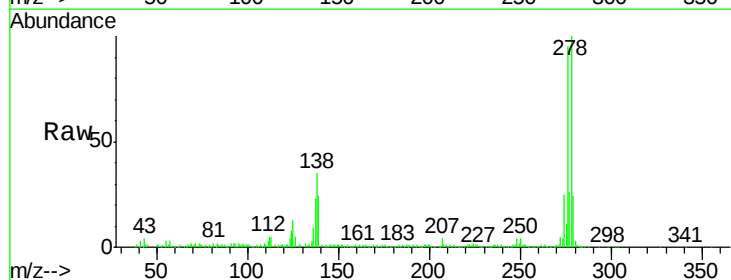
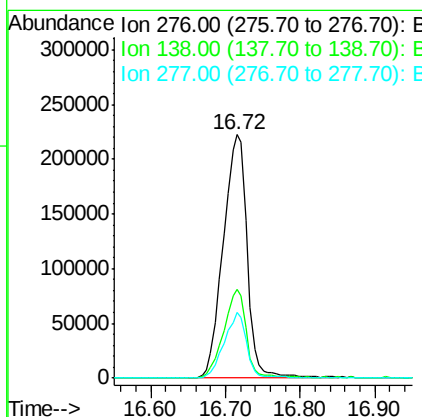
Manual Integrations
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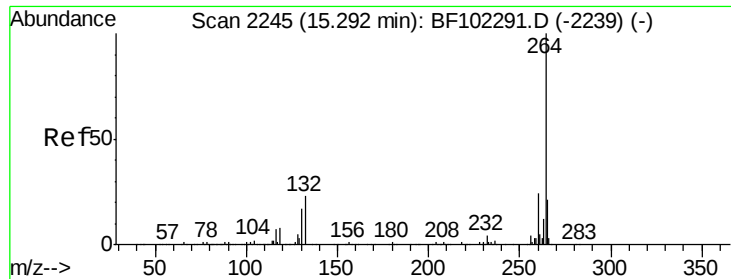
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#85
Indeno(1,2,3-cd)pyrene
Concen: 34.585 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.03 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.0	37.6
277	25.4	20.1	30.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.02 min

Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Instrument :

BNA_F

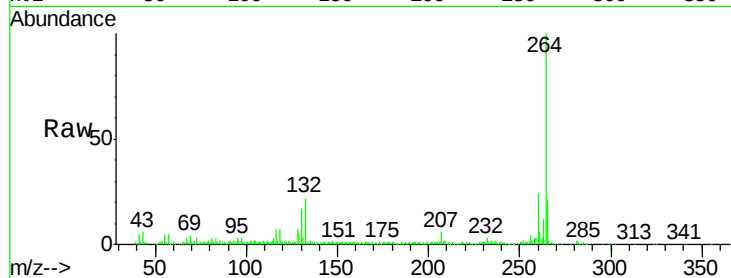
ClientSampleId :

BU-02-013018MSD

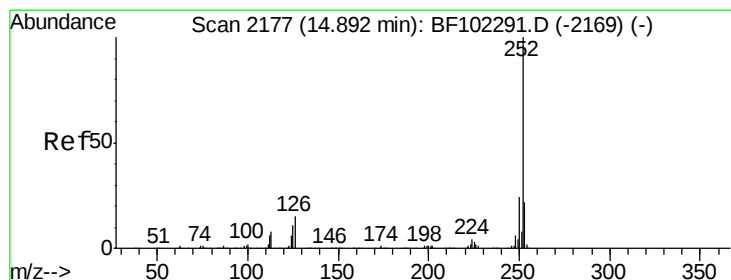
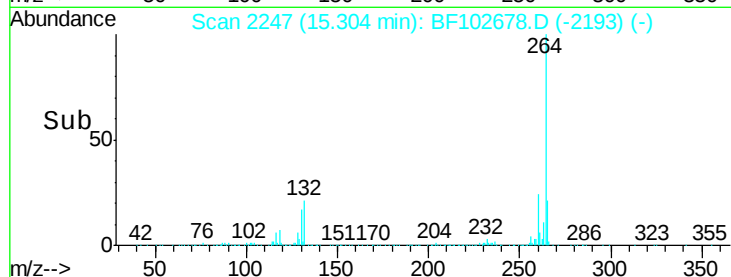
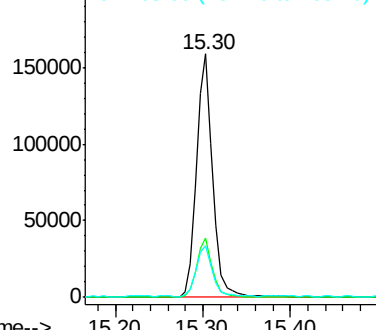
Tgt Ion:	264	Resp:	203890
Ion Ratio		Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3

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



#87

Benzo(b)fluoranthene

Concen: 47.877 ng

RT: 14.90 min Scan# 2178

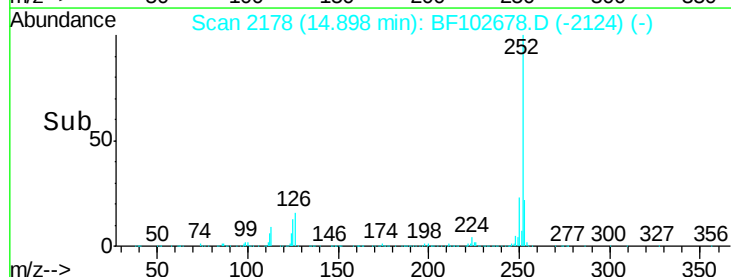
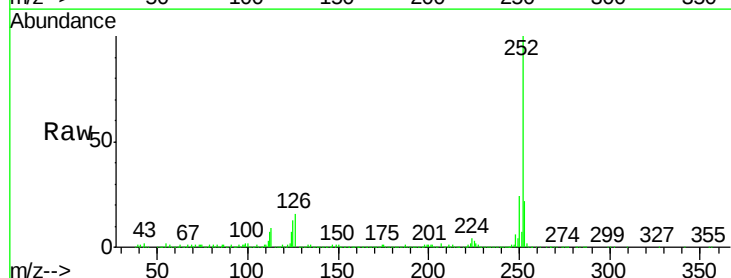
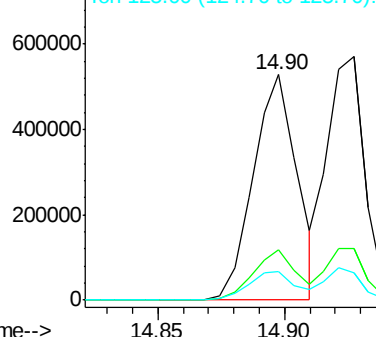
Delta R.T. 0.02 min

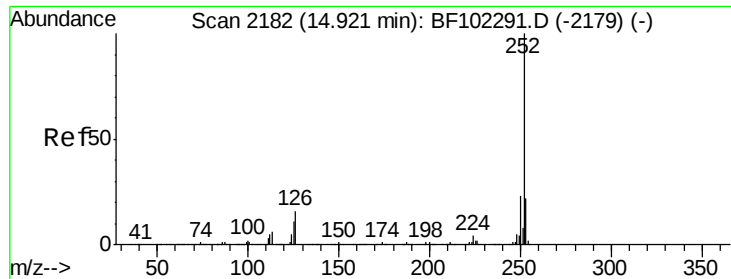
Lab File: BF102678.D

Acq: 1 Feb 2018 1:56

Tgt Ion:	252	Resp:	632697
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.0	25.6
125	12.8	9.0	13.6

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





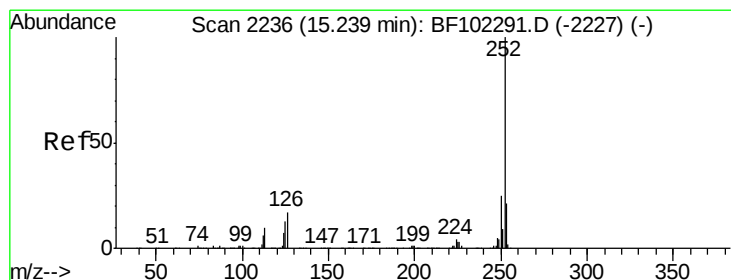
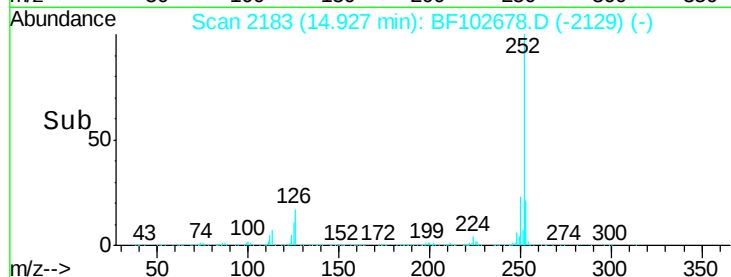
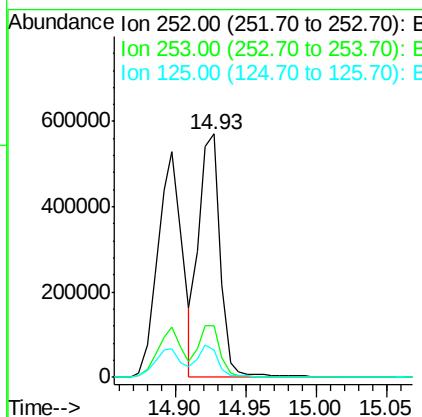
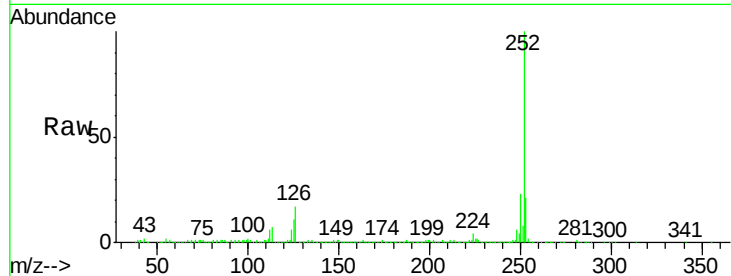
#88
Benzo(k)fluoranthene
Concen: 47.868 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.02 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	11.4	10.2	15.2

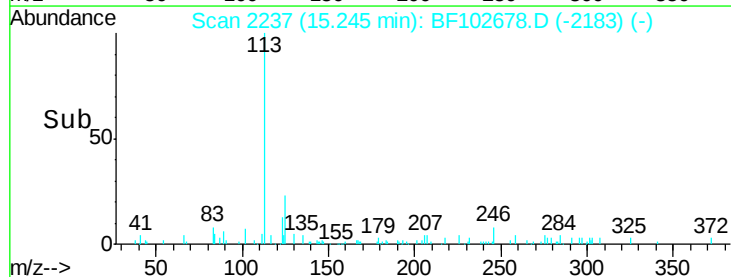
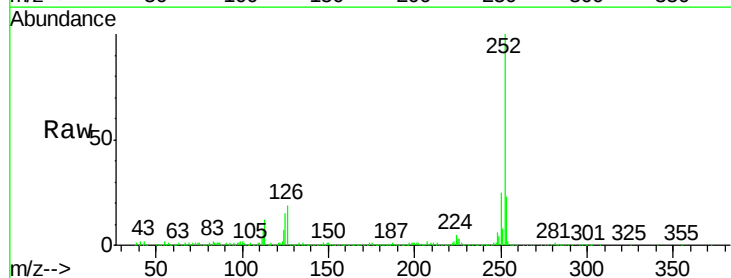
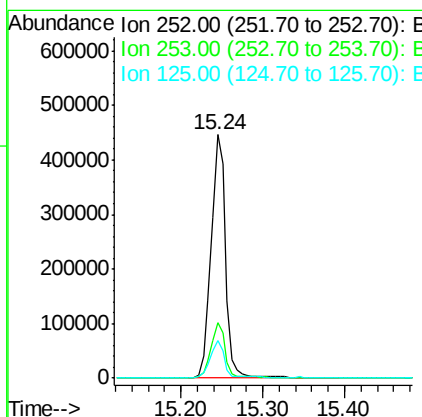
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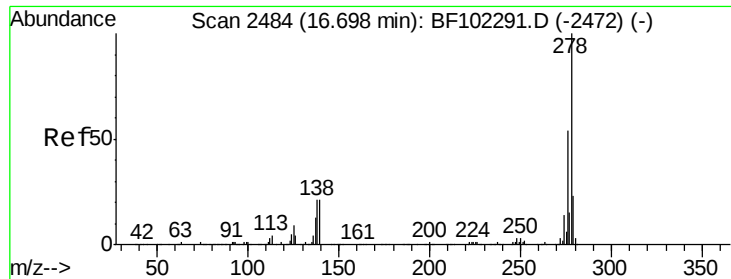
Sohil
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#89
Benzo(a)pyrene
Concen: 45.914 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	15.2	9.8	14.6





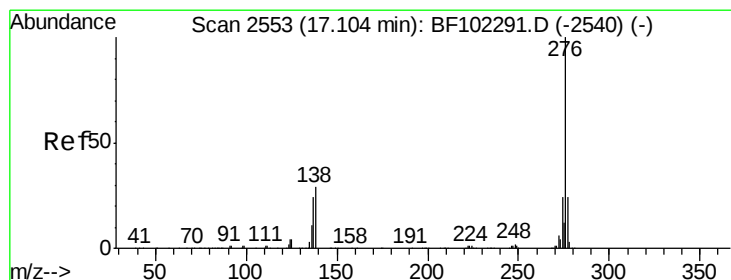
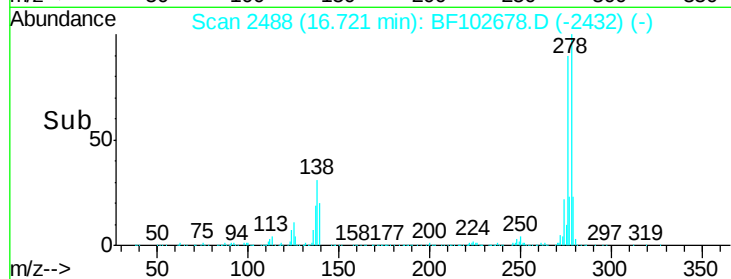
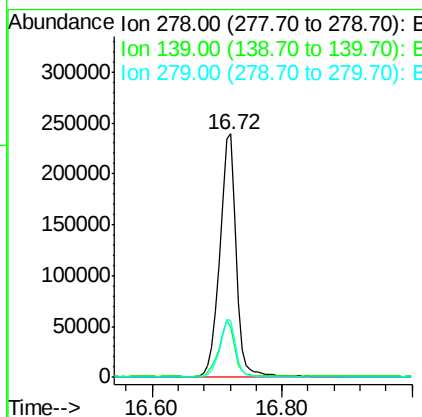
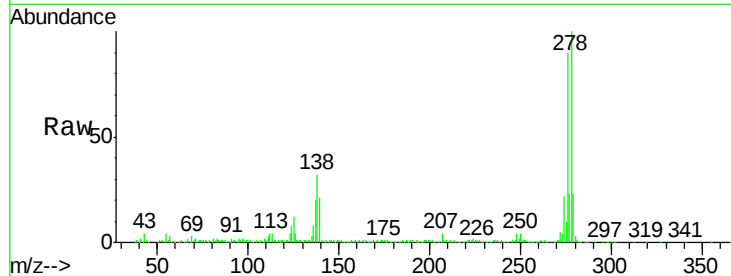
#90
Dibenzo(a,h)anthracene
Concen: 43.652 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.03 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.9	23.9
279	23.1	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 43.919 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.04 min
Lab File: BF102678.D
Acq: 1 Feb 2018 1:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	17.9	26.9
138	27.5	21.8	32.8

