

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF013118\
 Data File : BF102677.D
 Acq On : 1 Feb 2018 1:29
 Operator : SJ/JU
 Sample : J1010-11MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

Manual Integrations
 APPROVED

Quant Time: Feb 01 03:44:11 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	165548	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	584231	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	202311	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	316264	20.00	ng	0.00
75) Chrysene-d12	13.88	240	272132	20.00	ng	0.01
86) Perylene-d12	15.30	264	199828	20.00	ng	0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1231200	112.77	ng	0.05
7) Phenol-d6	6.39	99	1361105	103.41	ng	0.03
23) Nitrobenzene-d5	7.29	82	941205	92.58	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	212078	105.80	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	1317499	95.75	ng	0.00
78) Terphenyl-d14	12.82	244	1115272	92.39	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	193446	37.290	ng	# 82
3) Pyridine	3.24	79	250430	18.473	ng	98
4) n-Nitrosodimethylamine	3.17	42	249242	46.896	ng	96
6) Aniline	6.39	93	67955	3.903	ng	# 1
8) 2-Chlorophenol	6.51	128	473304	41.354	ng	99
9) Benzaldehyde	6.27	77	86916	9.524	ng	98
10) Phenol	6.40	94	499326	34.747	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	509421	46.609	ng	97
12) 1,3-Dichlorobenzene	6.65	146	536359	39.404	ng	98
13) 1,4-Dichlorobenzene	6.73	146	529980	38.869	ng	99
14) 1,2-Dichlorobenzene	6.88	146	444578	35.646	ng	99
15) Benzyl Alcohol	6.87	79	282845	30.455	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	708300	38.640	ng	86
17) 2-Methylphenol	7.00	107	354093	35.623	ng	# 92
18) Hexachloroethane	7.22	117	147343	31.011	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	353381	43.869	ng	98
20) 3+4-Methylphenols	7.16	107	509584	43.590	ng	93
22) Acetophenone	7.13	105	680160	48.837	ng	# 98
24) Nitrobenzene	7.30	77	504791	48.519	ng	100
25) Isophorone	7.55	82	817613	45.112	ng	99
26) 2-Nitrophenol	7.62	139	239569	43.751	ng	98
27) 2,4-Dimethylphenol	7.67	122	376934	47.407	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	532626	47.573	ng	99
29) 2,4-Dichlorophenol	7.87	162	368362	45.482	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	373931	43.070	ng	99
31) Naphthalene	8.02	128	1263839	43.327	ng	100
32) Benzoic acid	7.82	122	164739	24.730	ng	97
33) 4-Chloroaniline	8.08	127	50490	4.116	ng	95
34) Hexachlorobutadiene	8.12	225	196827	42.447	ng	98
35) Caprolactam	8.46	113	83139	31.082	ng	96
36) 4-Chloro-3-methylphenol	8.58	107	361702	42.368	ng	99
37) 2-Methylnaphthalene	8.71	142	826105	42.525	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	288383	47.379	ng	98
40) Hexachlorocyclopentadiene	8.85	237	8363	3.070	ng	96

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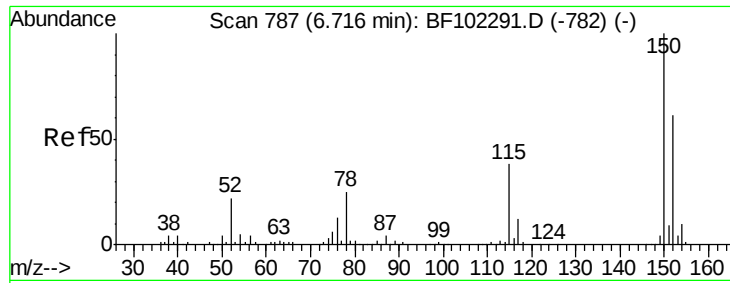
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
42) 2,4,6-Trichlorophenol	9.00	196	181272	44.488	ng	99	
43) 2,4,5-Trichlorophenol	9.05	196	173159	37.744	ng	98	
45) 1,1'-Biphenyl	9.17	154	832240	46.006	ng	99	
46) 2-Chloronaphthalene	9.20	162	619330	44.046	ng	98	
47) 2-Nitroaniline	9.31	65	206377	47.078	ng	99	
48) Acenaphthylene	9.61	152	902523	41.199	ng	100	
49) Dimethylphthalate	9.47	163	718553	42.970	ng	99	Sohil
50) 2,6-Dinitrotoluene	9.55	165	144272	40.016	ng	86	
51) Acenaphthene	9.78	154	532297	41.606	ng	99	
52) 3-Nitroaniline	9.72	138	82107	19.251	ng	94	
53) 2,4-Dinitrophenol	9.85	184	10981	10.170	ng	# 23	
54) Dibenzofuran	9.95	168	770780	44.515	ng	96	2/1/2018 12:14:35 PM
55) 4-Nitrophenol	9.92	139	113285	40.238	ng	92	
56) 2,4-Dinitrotoluene	9.96	165	167224	37.717	ng	# 85	
57) Fluorene	10.30	166	607950	44.310	ng	99	
58) 2,3,4,6-Tetrachlorophenol	10.09	232	127962	39.065	ng	96	
59) Diethylphthalate	10.17	149	688265	42.355	ng	99	
60) 4-Chlorophenyl-phenylether	10.29	204	269803	45.356	ng	98	
61) 4-Nitroaniline	10.34	138	145596	34.210	ng	90	
62) Azobenzene	10.45	77	621377	41.765	ng	98	
64) 4,6-Dinitro-2-methylphenol	10.37	198	13385	6.344	ng	96	
65) n-Nitrosodiphenylamine	10.41	169	525532	45.273	ng	99	
66) 4-Bromophenyl-phenylether	10.77	248	154888	45.494	ng	98	
67) Hexachlorobenzene	10.85	284	155110	40.737	ng	94	
68) Atrazine	10.95	200	144929	42.273	ng	99	
69) Pentachlorophenol	11.05	266	99054	49.522	ng	99	
70) Phenanthrene	11.26	178	825372	44.786	ng	99	
71) Anthracene	11.31	178	866837	46.082	ng	99	
72) Carbazole	11.47	167	842915	45.932	ng	100	
73) Di-n-butylphthalate	11.79	149	1014580	44.230	ng	99	
74) Fluoranthene	12.45	202	879334	46.789	ng	98	
76) Benzidine	12.58	184	19101m	2.089	ng		
77) Pyrene	12.68	202	913171	43.401	ng	99	
79) Butylbenzylphthalate	13.29	149	460047	43.936	ng	97	
80) Benzo(a)anthracene	13.87	228	802787	47.915	ng	99	
81) 3,3'-Dichlorobenzidine	13.83	252	131568	21.407	ng	98	
82) Chrysene	13.90	228	753098	44.264	ng	100	
83) Bis(2-ethylhexyl)phthalate	13.84	149	641866	45.614	ng	# 99	
84) Di-n-octyl phthalate	14.45	149	1112685	48.623	ng	100	
85) Indeno(1,2,3-cd)pyrene	16.72	276	503451	35.830	ng	96	
87) Benzo(b)fluoranthene	14.90	252	619691	47.846	ng	98	
88) Benzo(k)fluoranthene	14.93	252	594901	48.616	ng	98	
89) Benzo(a)pyrene	15.25	252	547202	46.845	ng	99	
90) Dibenzo(a,h)anthracene	16.72	278	422244	44.624	ng	98	
91) Benzo(g,h,i)perylene	17.14	276	413462	44.254	ng	97	

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



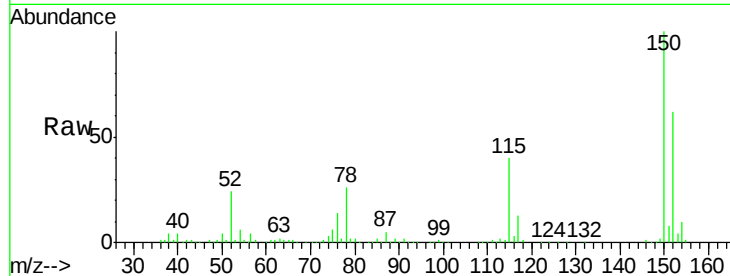
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Instrument :
BNA_F
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BU-02-013018MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	64.2	50.1	75.1

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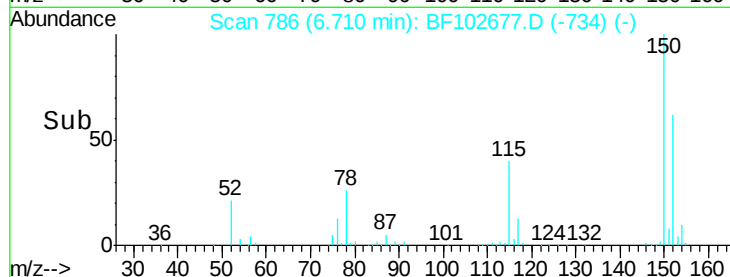
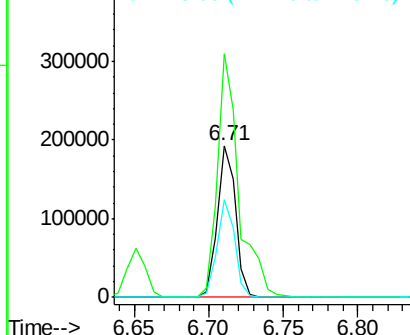


Abundance

Ion 152.00 (151.70 to 152.70): E

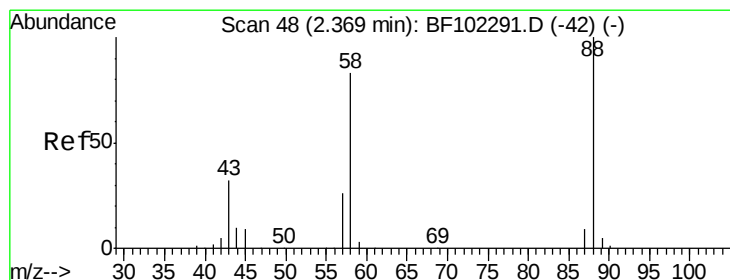
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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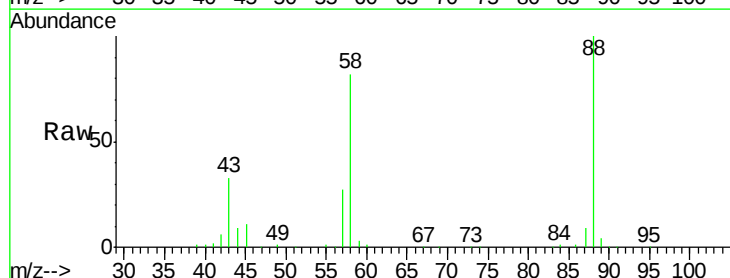
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#2

1,4-Dioxane
Concen: 37.290 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.18 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	62.6	93.8
43	0.0	24.6	37.0

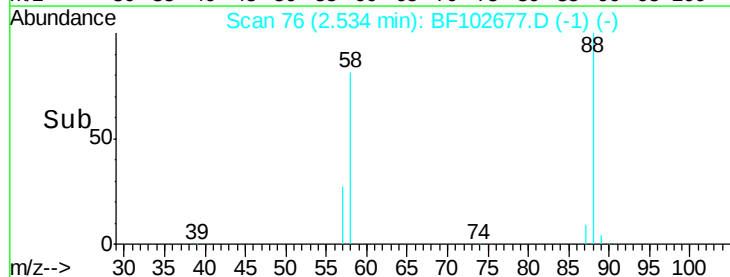
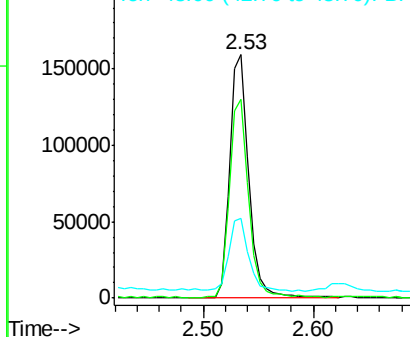


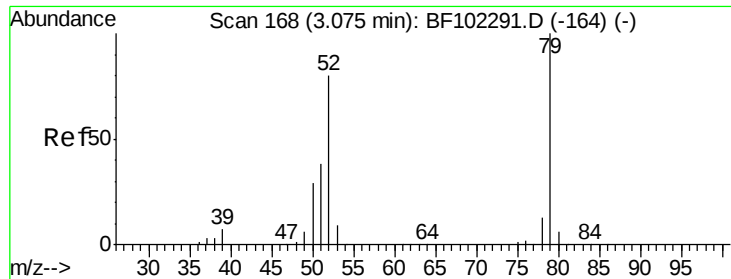
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 18.473 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.18 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Instrument :

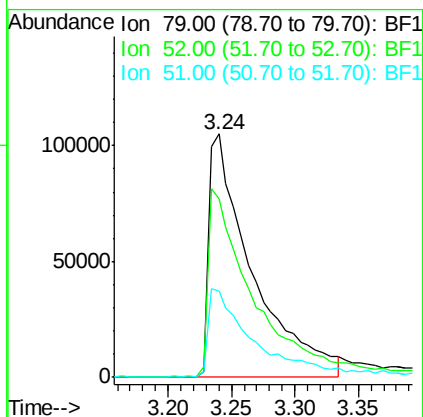
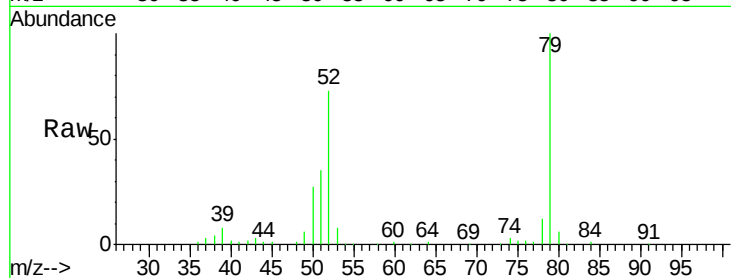
BNA_F

ClientSampleId :

BU-02-013018MS

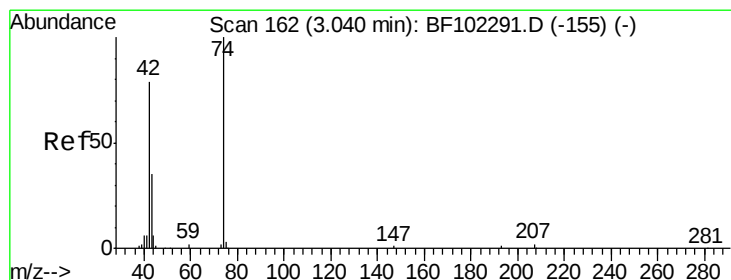
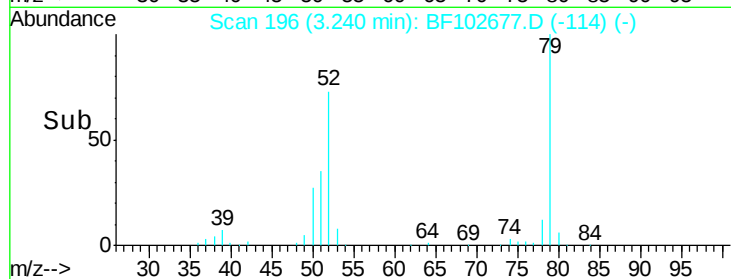
Tgt Ion:	79	Resp:	250430
Ion Ratio		Lower	Upper
79	100		
52	73.1	59.8	89.6
51	35.2	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 46.896 ng

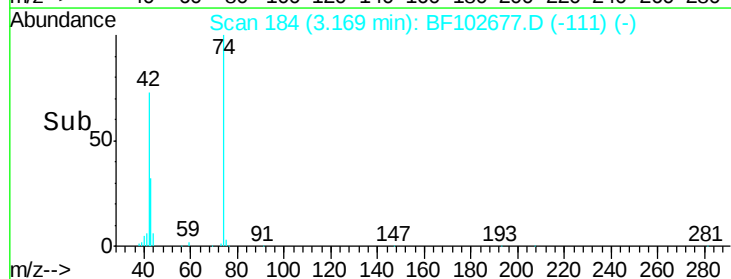
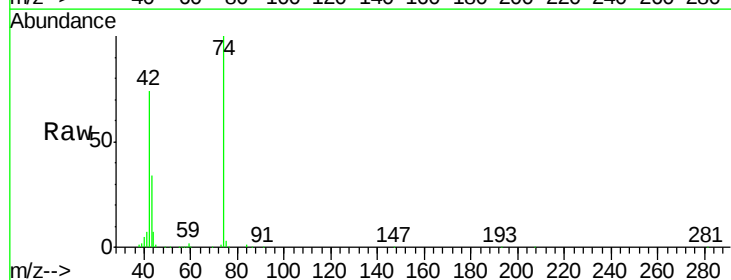
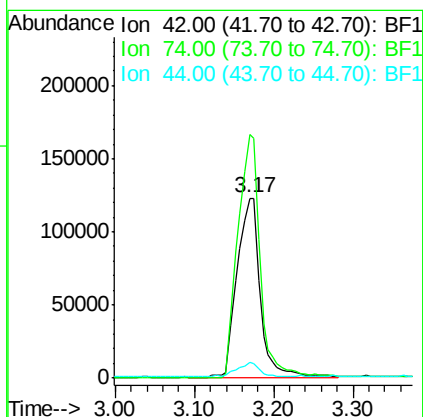
RT: 3.17 min Scan# 184

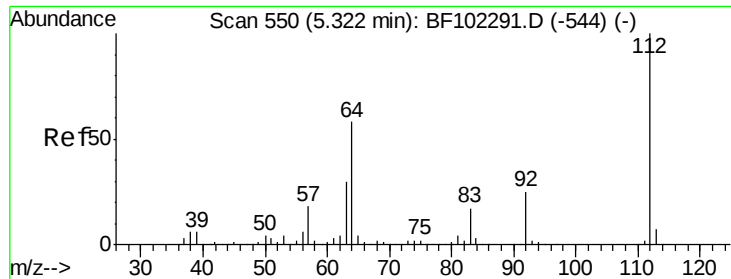
Delta R.T. 0.13 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Tgt Ion:	42	Resp:	249242
Ion Ratio		Lower	Upper
42	100		
74	135.4	104.9	157.3
44	8.9	6.9	10.3





#5

2-Fluorophenol

Concen: 112.766 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.05 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Instrument :

BNA_F

ClientSampleId :

BU-02-013018MS

Tgt Ion: 112 Resp: 1231200

Ion Ratio Lower Upper

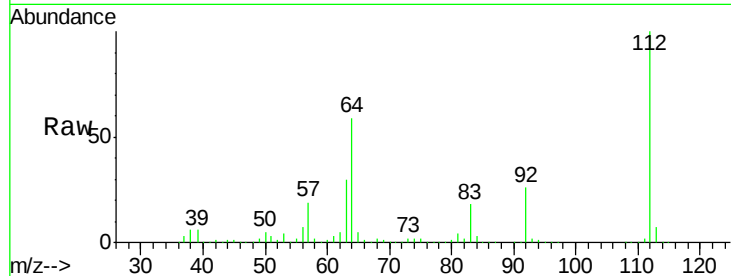
112 100

64 59.5 47.9 71.9

63 30.1 23.7 35.5

Manual Integrations

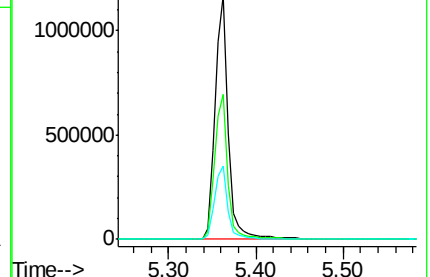
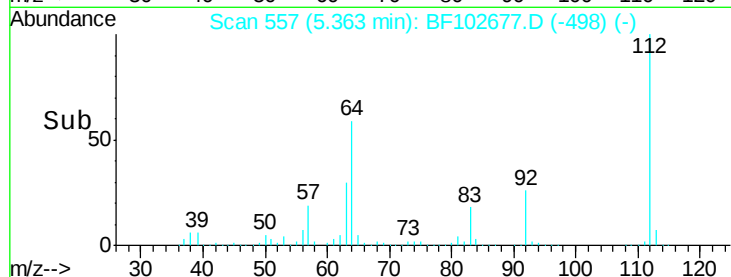
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Abundance Ion 112.00 (111.70 to 112.70): BF1

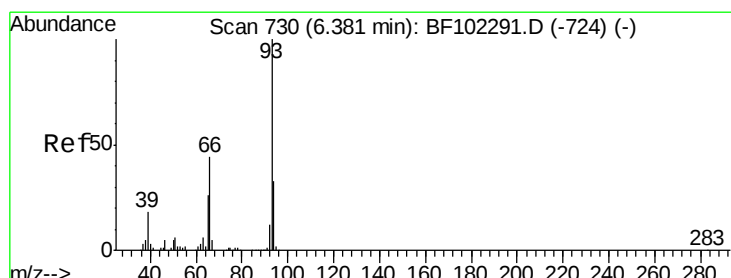
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



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#6

Aniline

Concen: 3.903 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

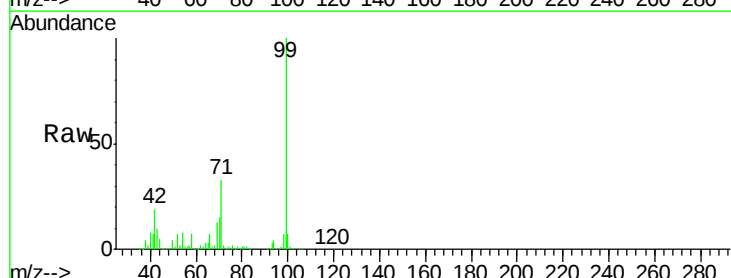
Tgt Ion: 93 Resp: 67955

Ion Ratio Lower Upper

93 100

66 219.3 32.2 48.2#

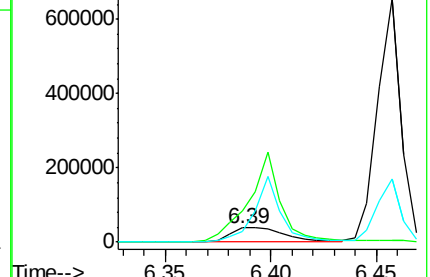
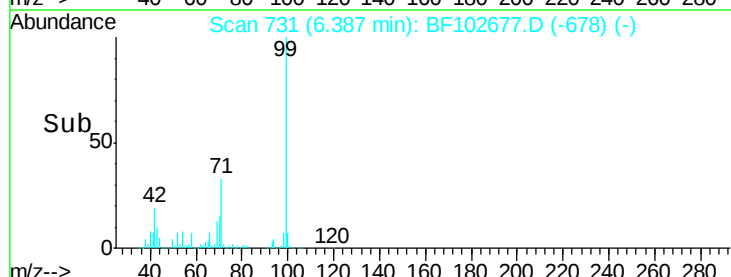
65 77.2 16.4 24.6#

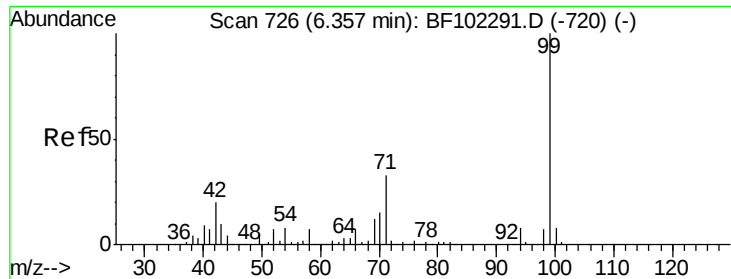


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.405 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.03 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Instrument :

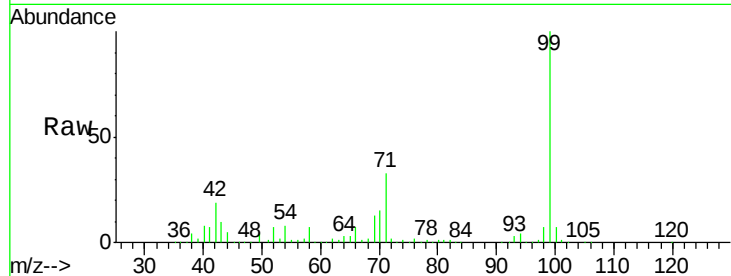
BNA_F

ClientSampleId :

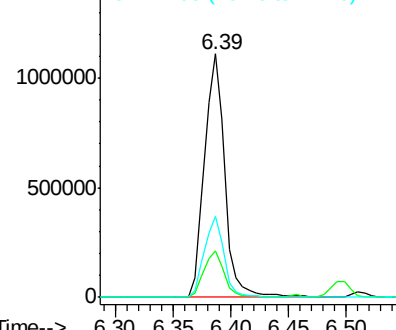
BU-02-013018MS

Tgt Ion:	99	Resp:	1361105
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	33.5	25.4	38.0

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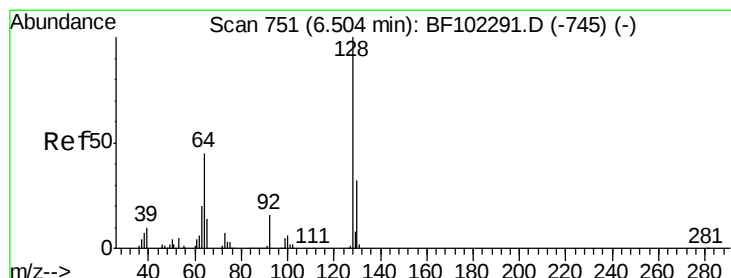
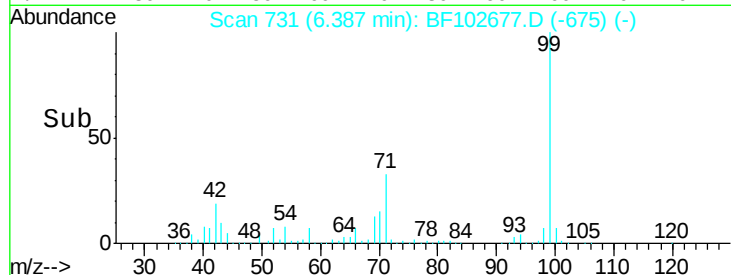


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



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#8

2-Chlorophenol

Concen: 41.354 ng

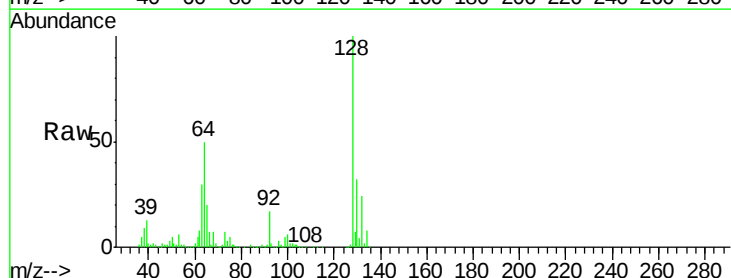
RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

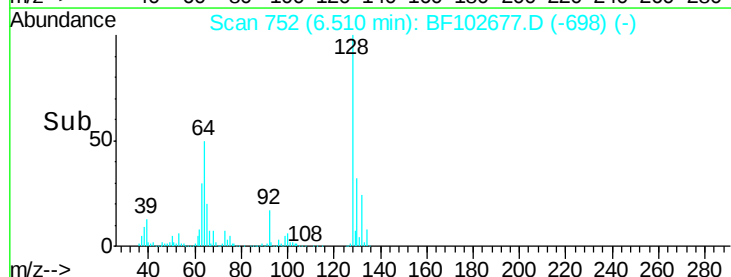
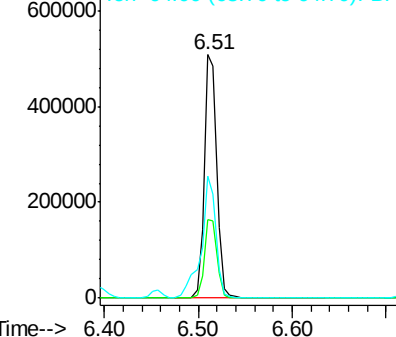
Lab File: BF102677.D

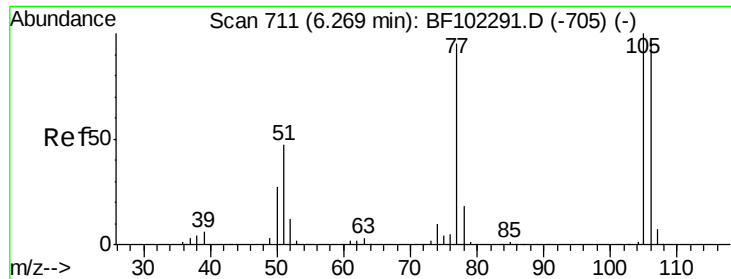
Acq: 1 Feb 2018 1:29

Tgt Ion:	128	Resp:	473304
Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.0	53.0
64	50.3	29.4	69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.524 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.01 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Instrument :

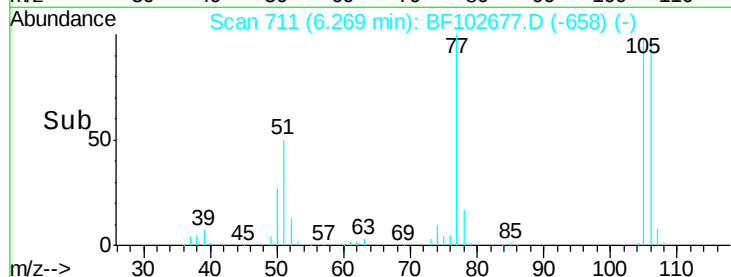
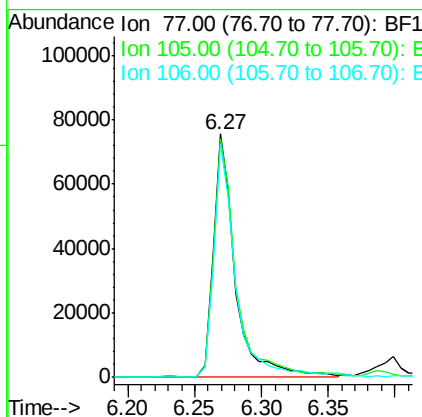
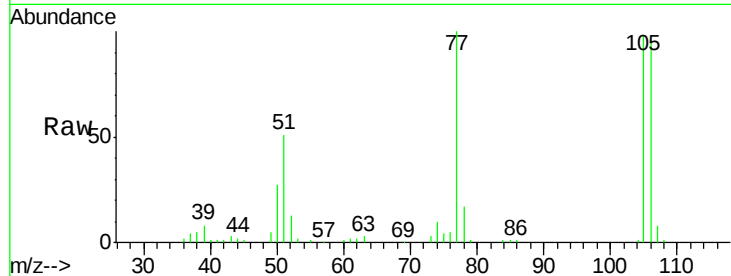
BNA_F

ClientSampleId :

BU-02-013018MS

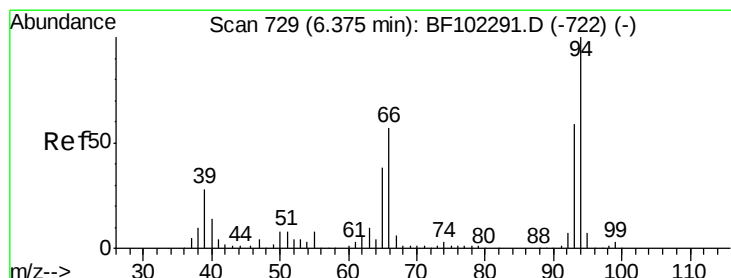
Tgt Ion:	77	Resp:	86916
Ion	Ratio	Lower	Upper
77	100		
105	98.2	81.1	121.1
106	95.6	74.5	114.5

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#10

Phenol

Concen: 34.747 ng

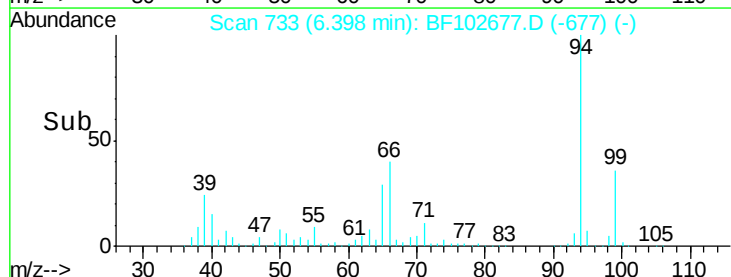
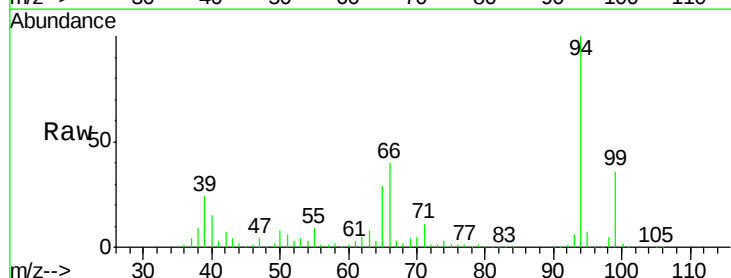
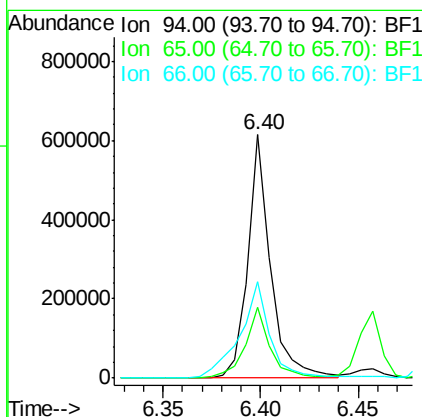
RT: 6.40 min Scan# 733

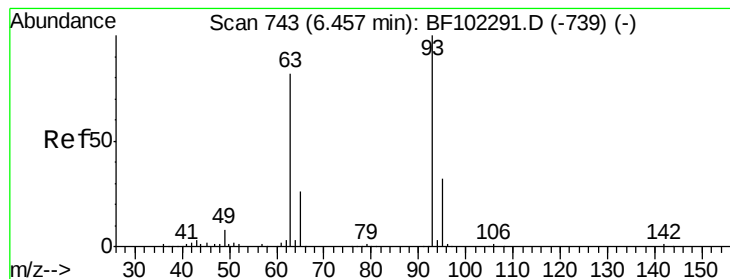
Delta R.T. 0.03 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Tgt Ion:	94	Resp:	499326
Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	39.5	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 46.609 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Instrument :

BNA_F

ClientSampleId :

BU-02-013018MS

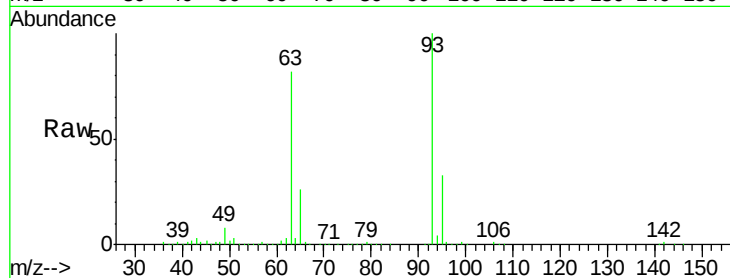
Tgt Ion: 93 Resp: 509421
Ion Ratio Lower Upper

93 100

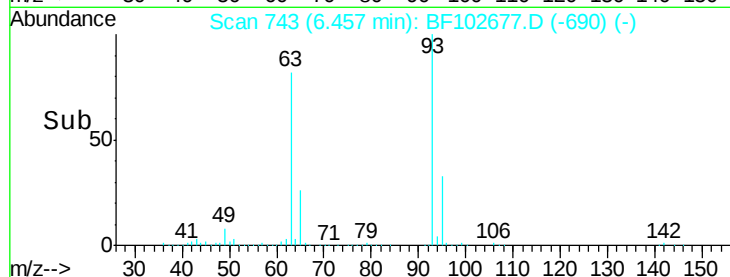
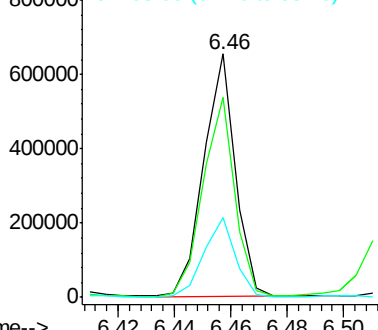
63 82.2 58.6 98.6

95 32.8 11.8 51.8

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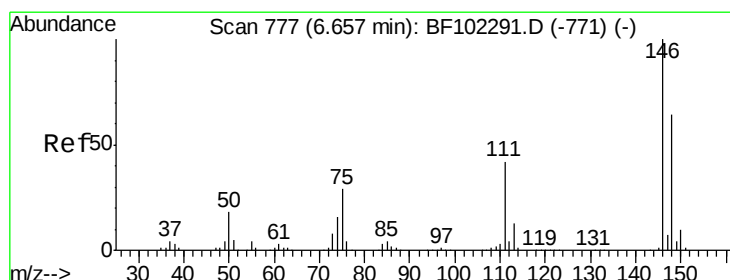


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



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#12

1,3-Dichlorobenzene

Concen: 39.404 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF102677.D

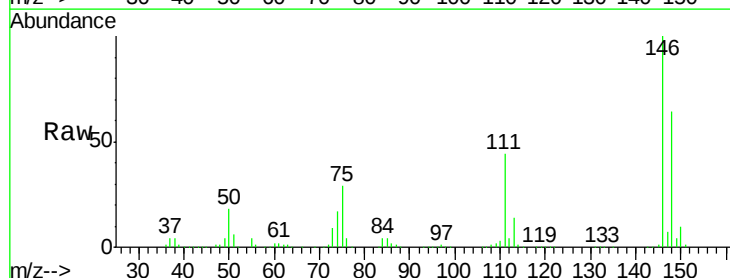
Acq: 1 Feb 2018 1:29

Tgt Ion: 146 Resp: 536359
Ion Ratio Lower Upper

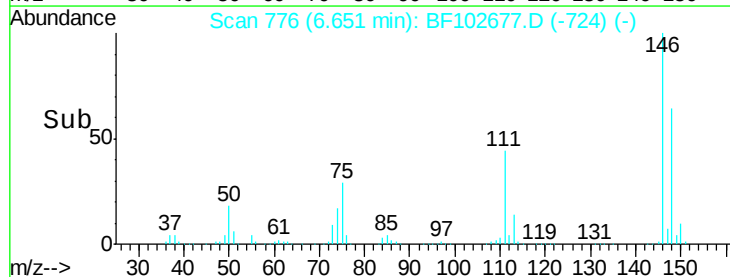
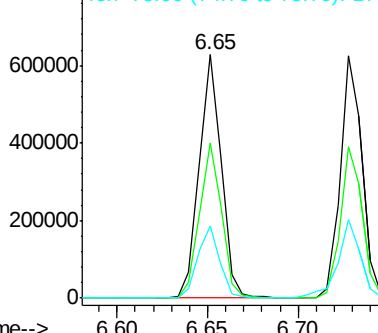
146 100

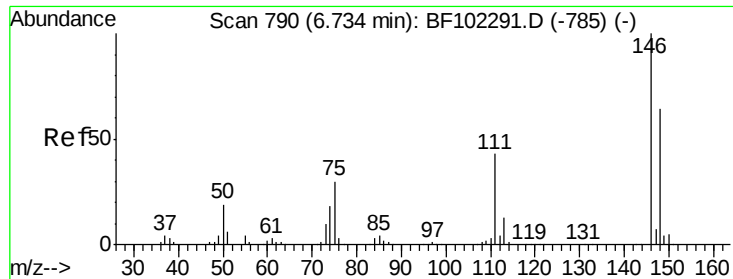
148 63.6 51.8 77.8

75 29.4 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



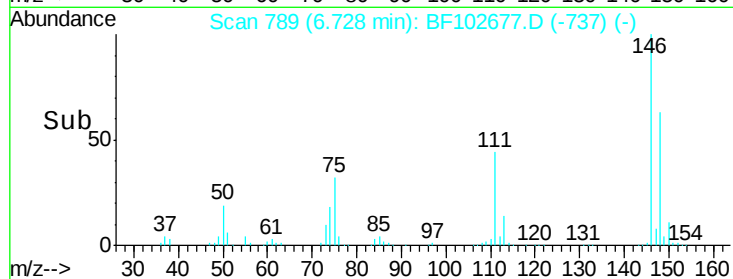
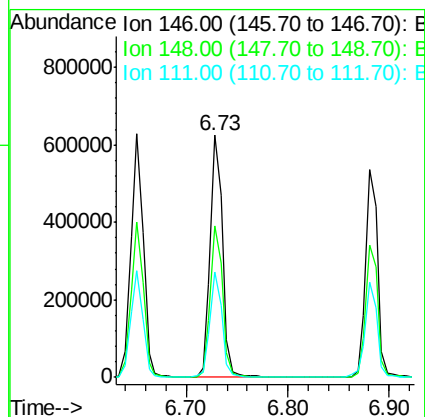
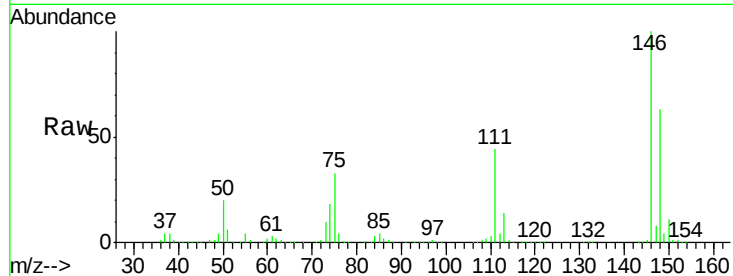


#13
 1,4-Dichlorobenzene
 Concen: 38.869 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

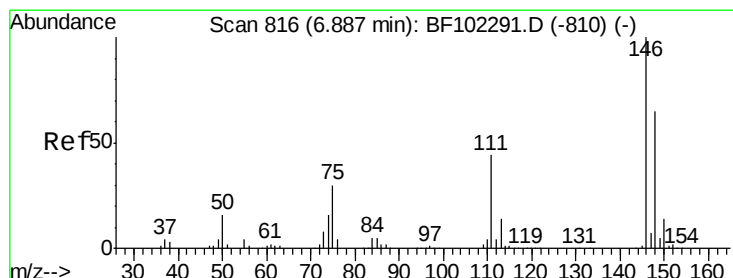
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.8	76.2
111	43.8	34.2	51.2

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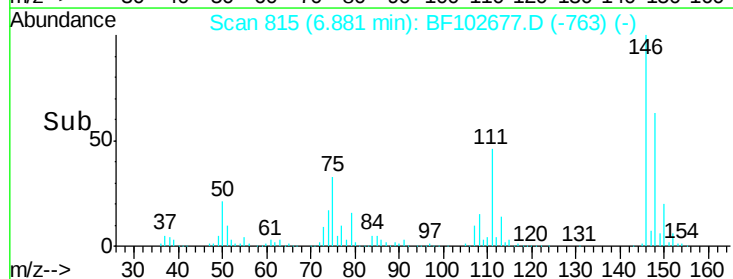
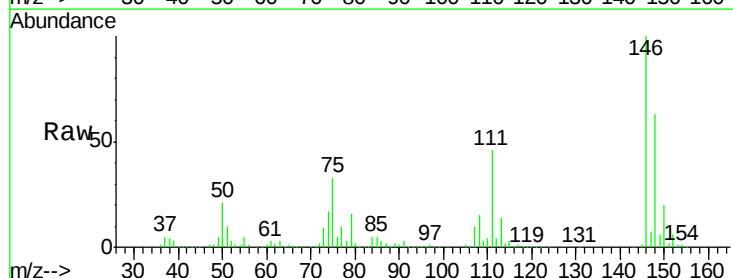
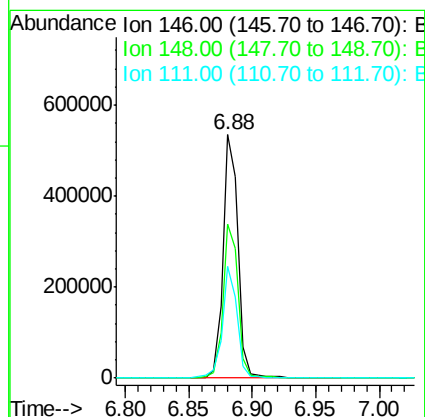
Sohil

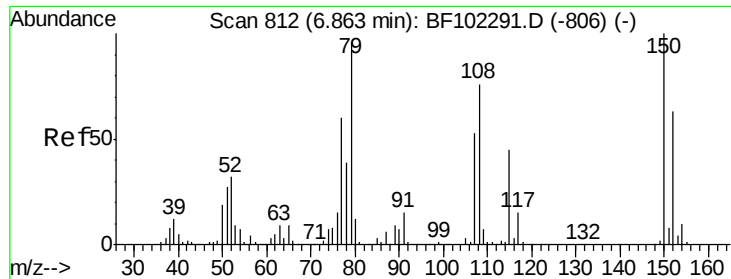
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#14
 1,2-Dichlorobenzene
 Concen: 35.646 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	46.0	36.0	54.0



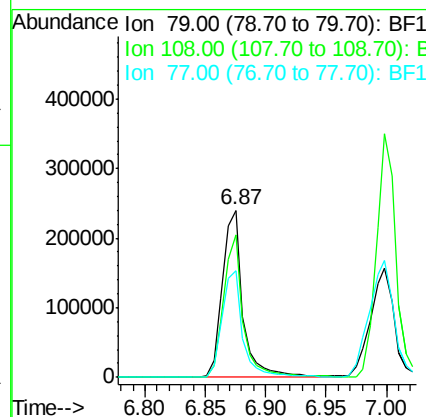
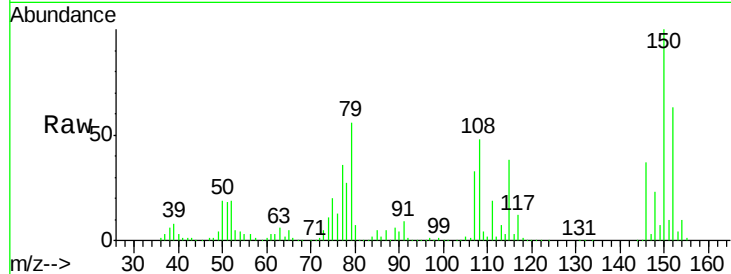


#15
Benzyl Alcohol
Concen: 30.455 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.02 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

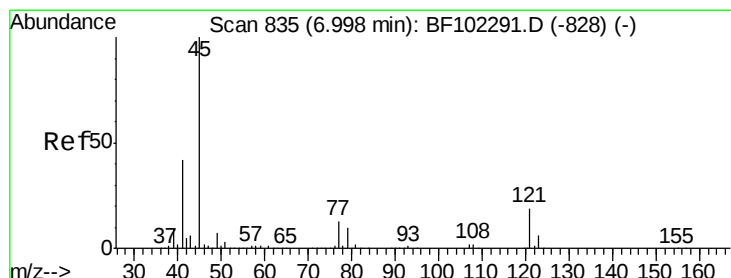
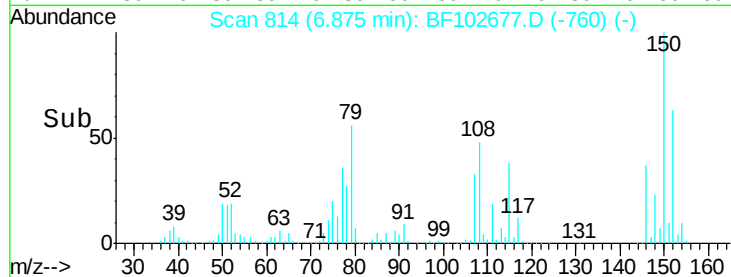
Tgt Ion	Ratio	Lower	Upper
79	100		
108	85.1	65.1	97.7
77	63.9	50.6	75.8

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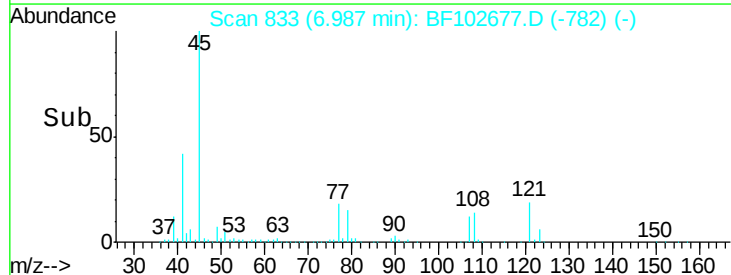
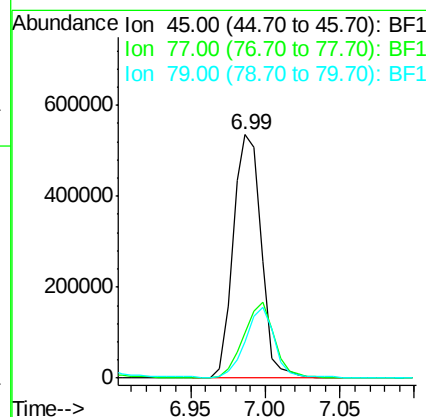
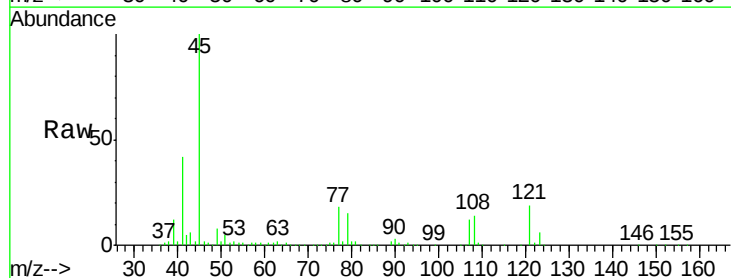
Sohil

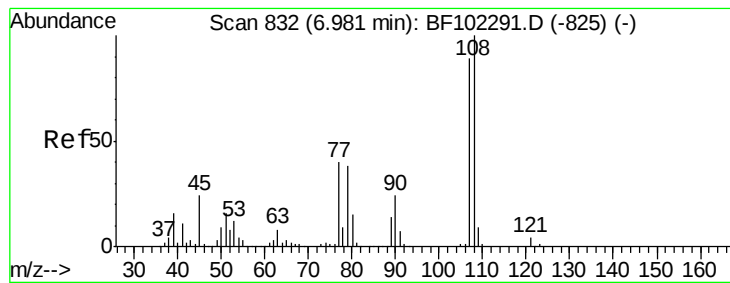
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.640 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	32.9
79	15.1	0.0	29.6



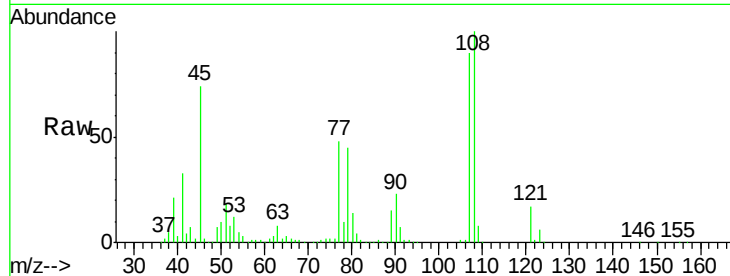


#17
2-Methylphenol
Concen: 35.623 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.02 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

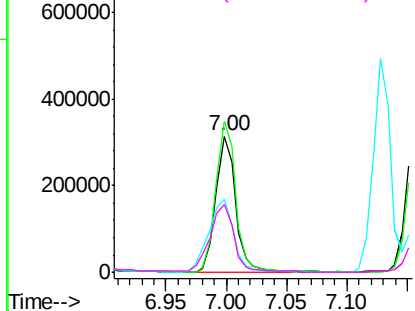
Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	111.6	91.7	137.5
77	53.6	33.8	50.8
79	50.1	33.8	50.8

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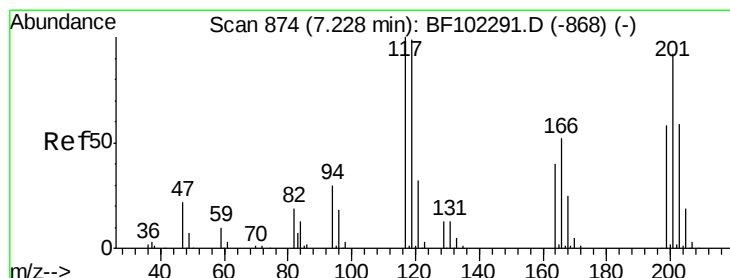
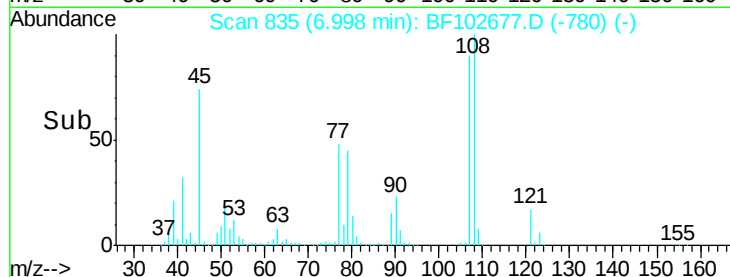


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



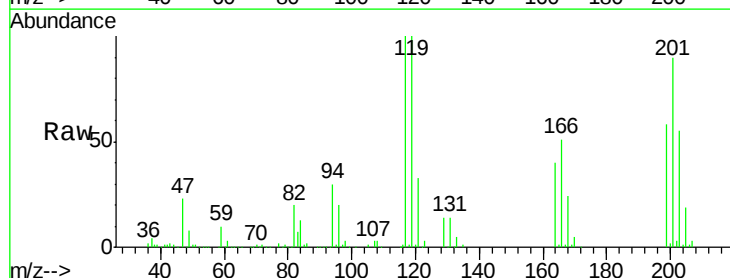
Sohil

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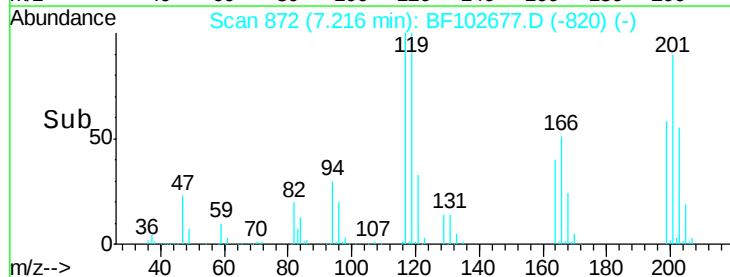
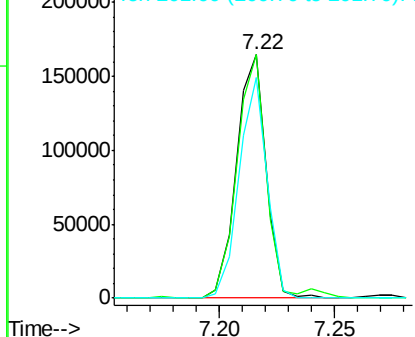


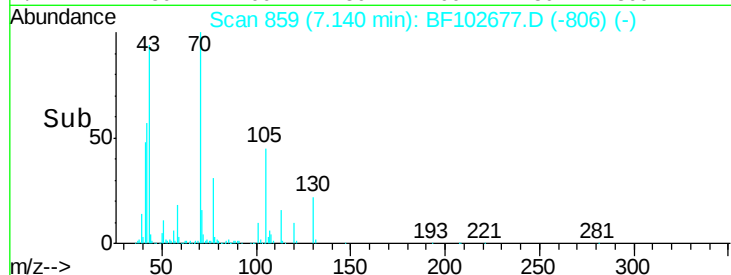
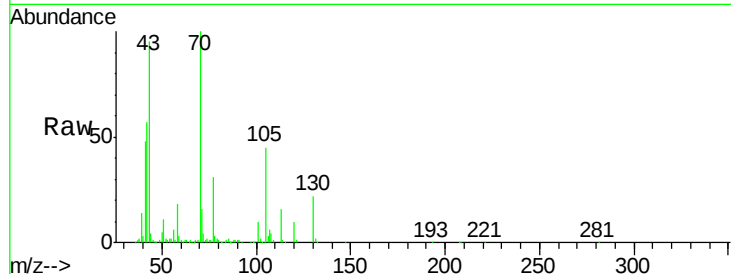
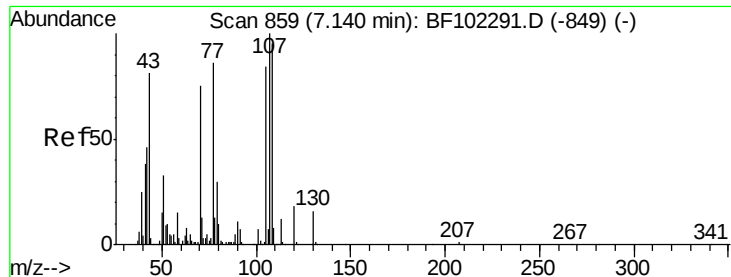
#18
Hexachloroethane
Concen: 31.011 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	100.0	75.8	113.8
201	90.4	75.7	113.5



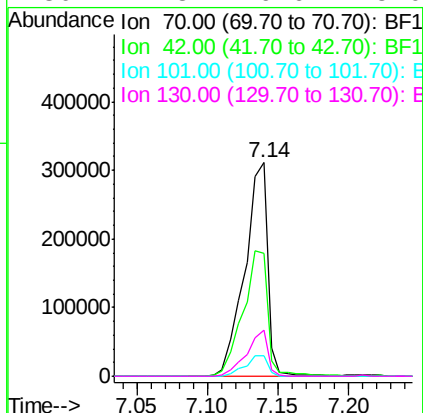
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.869 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.5	71.3
101	9.8	7.4	11.2
130	21.8	16.6	25.0

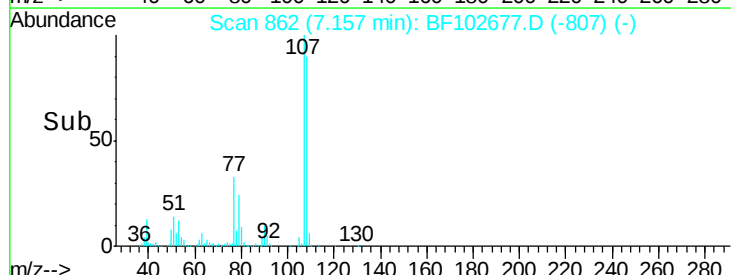
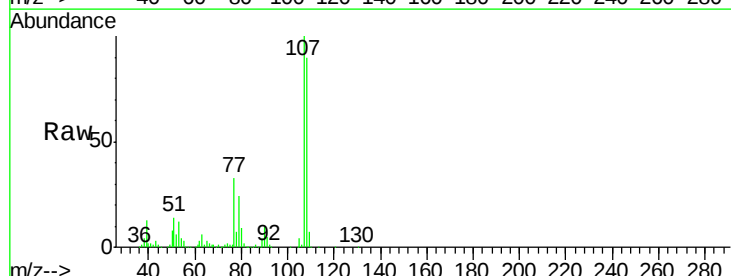
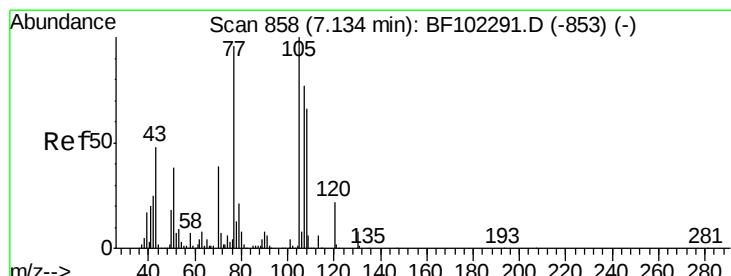


Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

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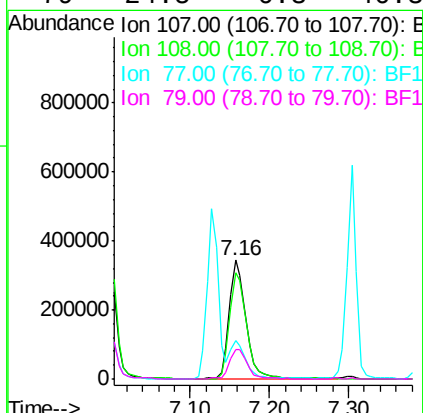
Sohil

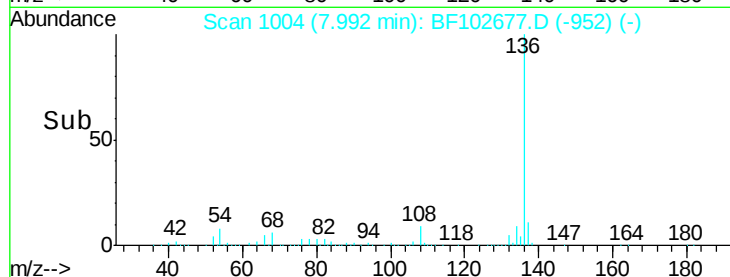
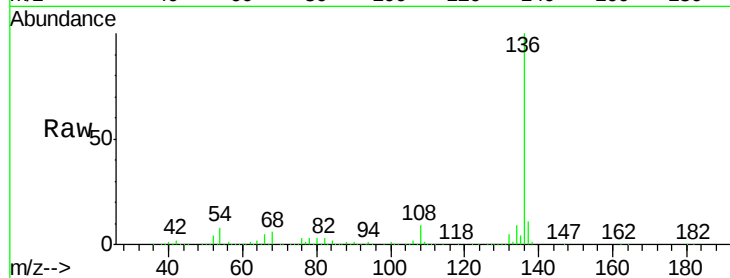
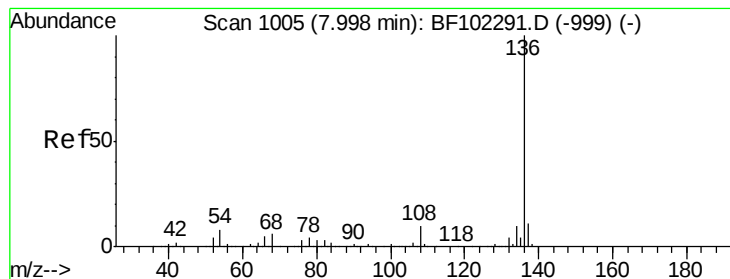
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#20
3+4-Methylphenols
Concen: 43.590 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.02 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	32.8	26.7	66.7
79	24.5	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: BF102677.D

Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	584231		
137	10.9	8.9	13.3	
54	8.5	6.6	9.8	
68	6.3	5.0	7.4	

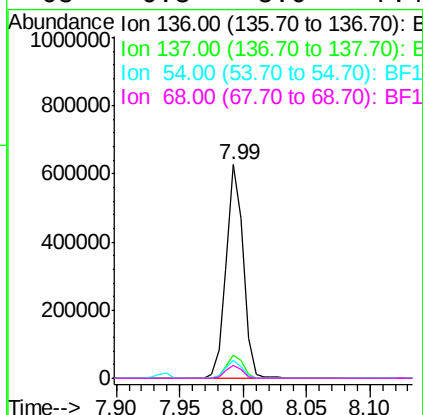
Instrument :

BNA_F

ClientSampleId :

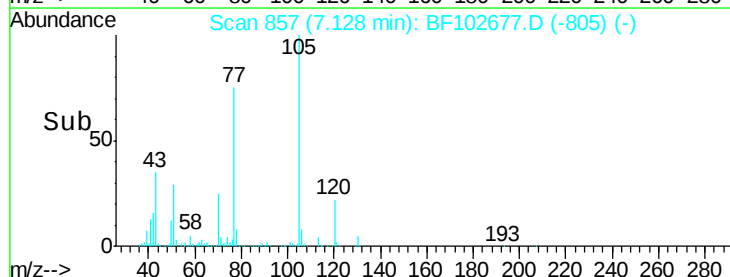
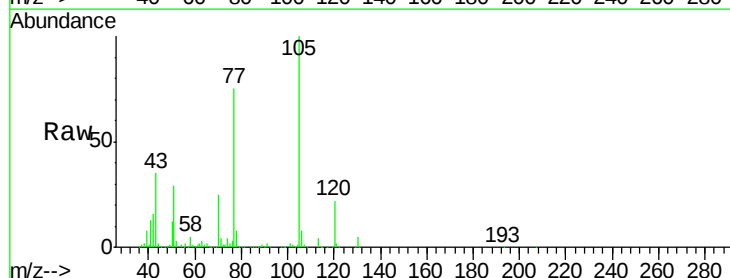
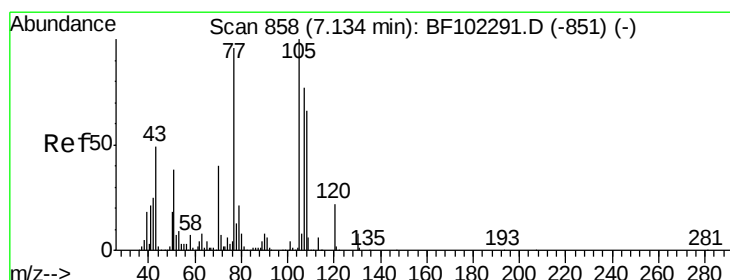
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#22

Acetophenone

Concen: 48.837 ng

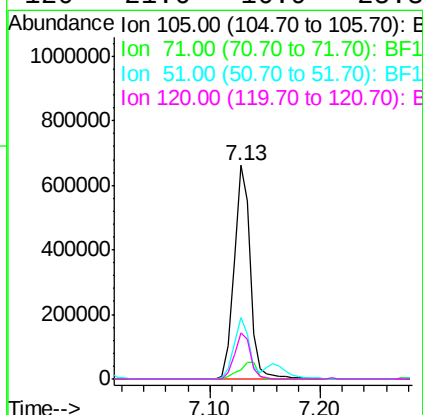
RT: 7.13 min Scan# 857

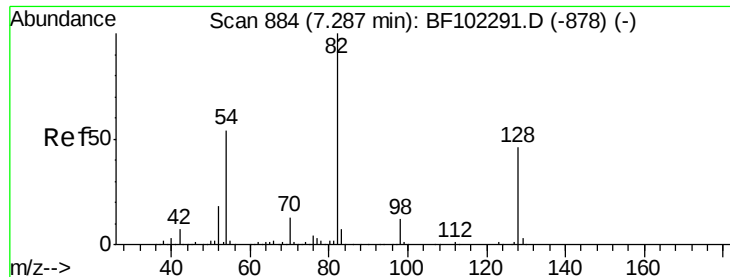
Delta R.T. 0.01 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	680160		
71	4.1	4.4	6.6#	
51	28.6	22.3	33.5	
120	21.6	16.9	25.3	



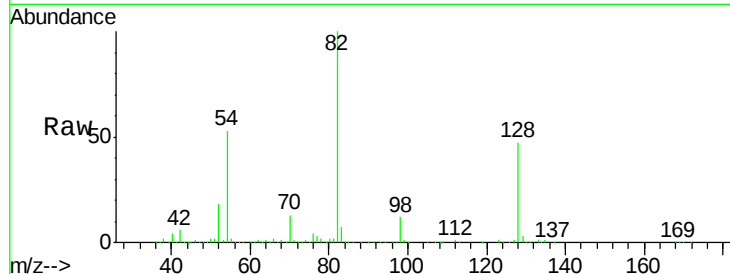


#23
Nitrobenzene-d5
Concen: 92.580 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

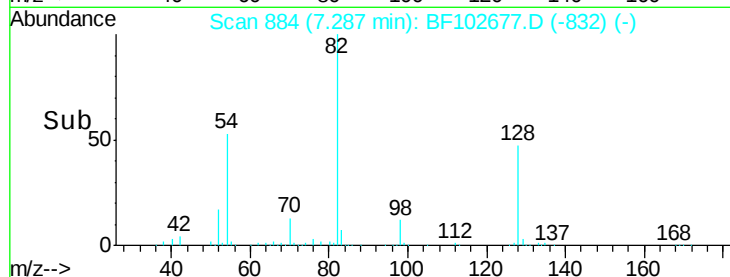
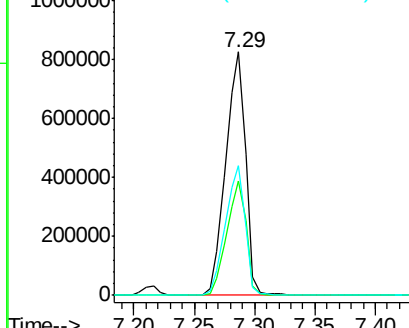
Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	941205		
128	47.1	36.1	54.1	
54	53.4	41.4	62.2	

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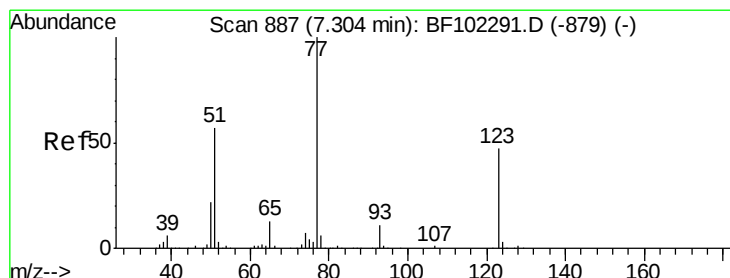


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



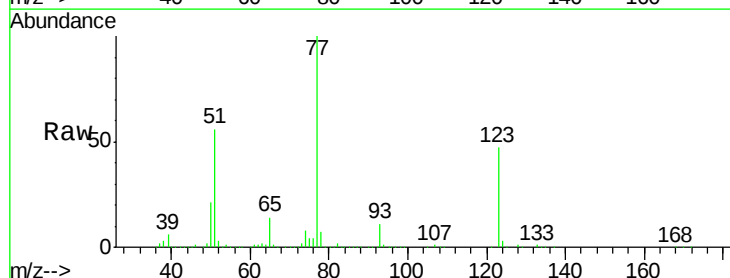
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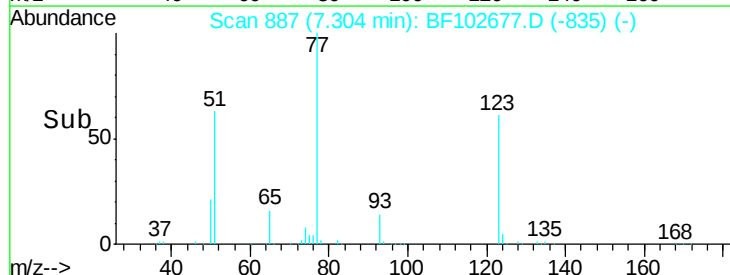
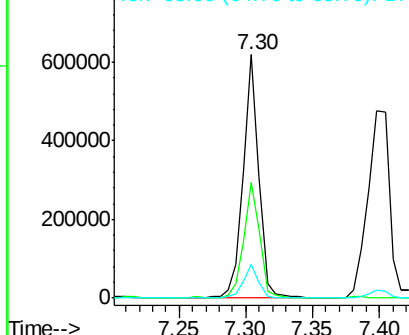


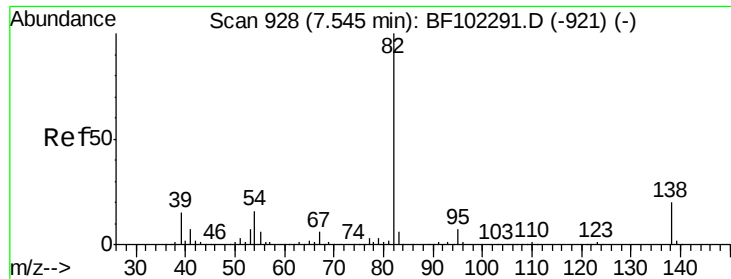
#24
Nitrobenzene
Concen: 48.519 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	504791		
123	47.4	37.9	56.9	
65	13.6	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: 45.112 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Tgt Ion:	82	Resp:	817613
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.2	7.8
138	19.0	14.9	22.3

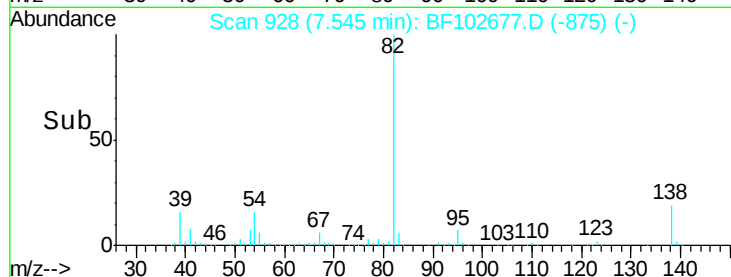
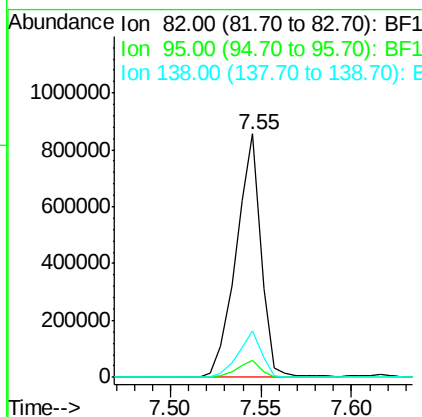
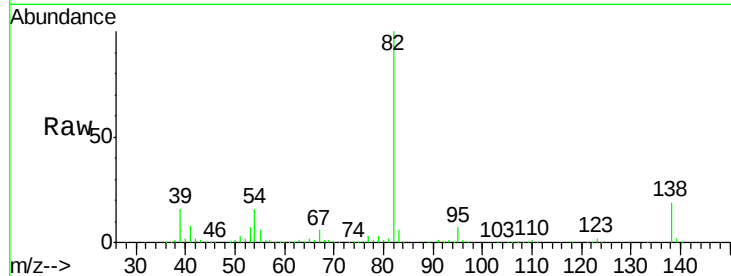
Instrument :

BNA_F

ClientSampleId :

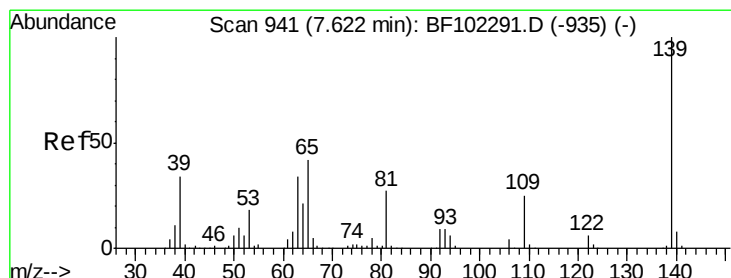
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#26

2-Nitrophenol

Concen: 43.751 ng

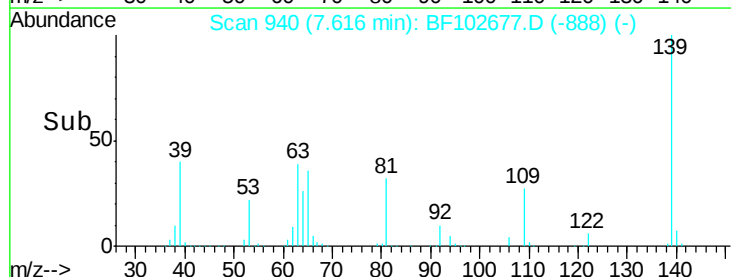
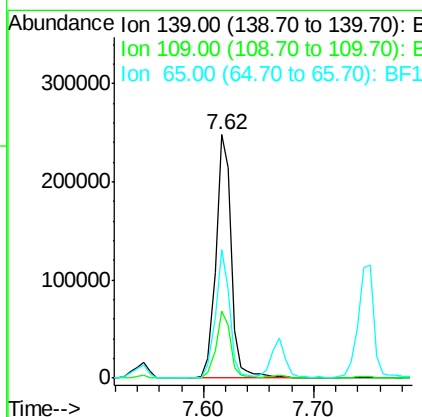
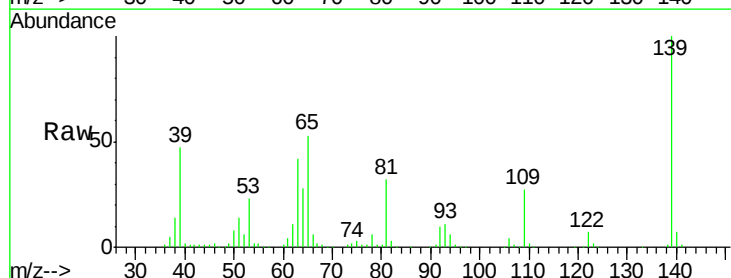
RT: 7.62 min Scan# 940

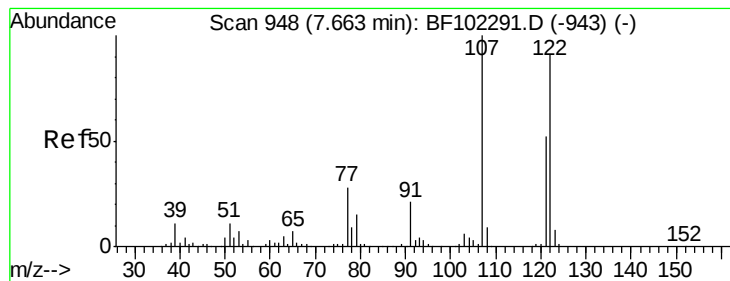
Delta R.T. 0.01 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Tgt Ion:	139	Resp:	239569
Ion Ratio		Lower	Upper
139	100		
109	27.4	22.7	34.1
65	52.5	40.5	60.7



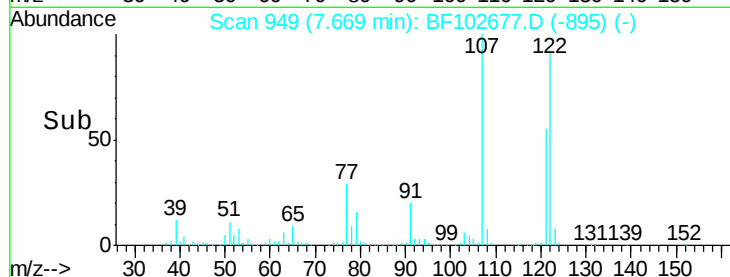
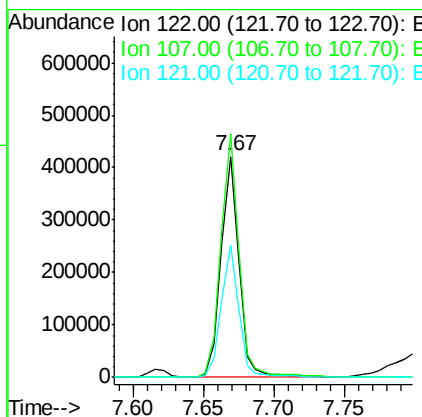
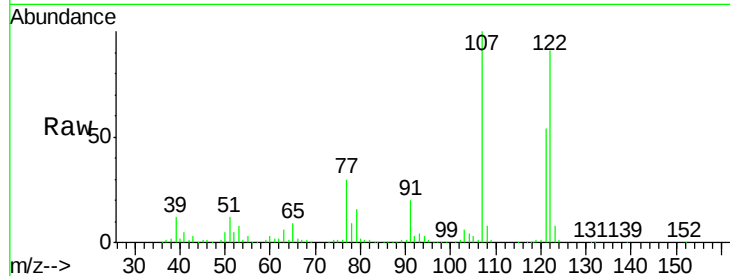


#27
2,4-Dimethylphenol
Concen: 47.407 ng
RT: 7.67 min Scan# 949
Delta R.T. 0.02 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

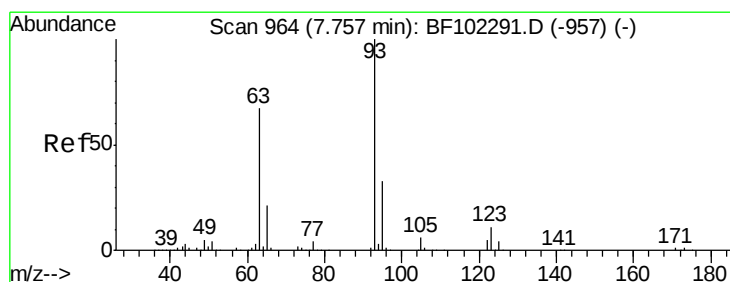
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.2	91.2	136.8
121	60.0	47.2	70.8

Manual Integrations
APPROVED



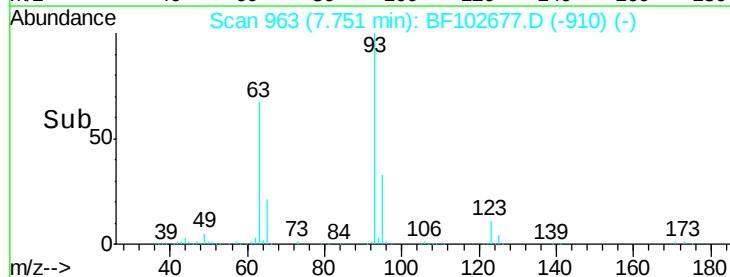
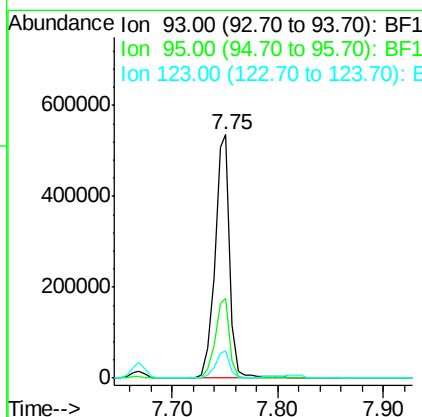
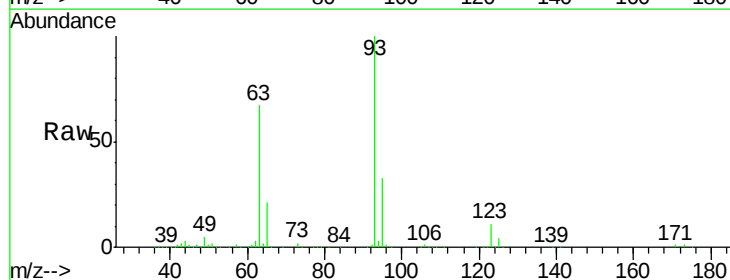
Sohil

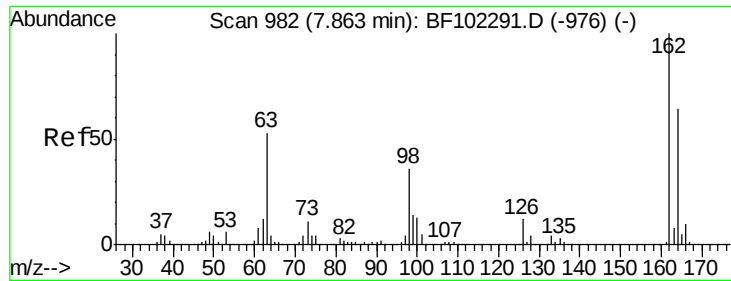
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#28
bis(2-Chloroethoxy)methane
Concen: 47.573 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.1	9.8	14.6



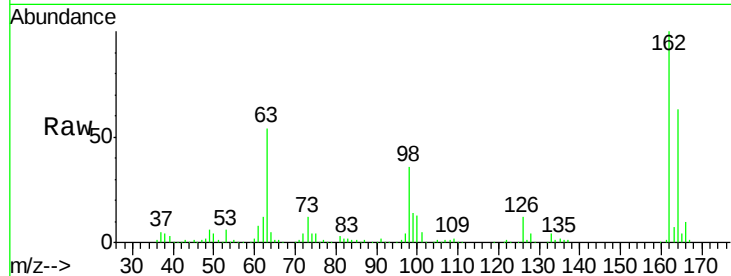


#29
2,4-Dichlorophenol
Concen: 45.482 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.02 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

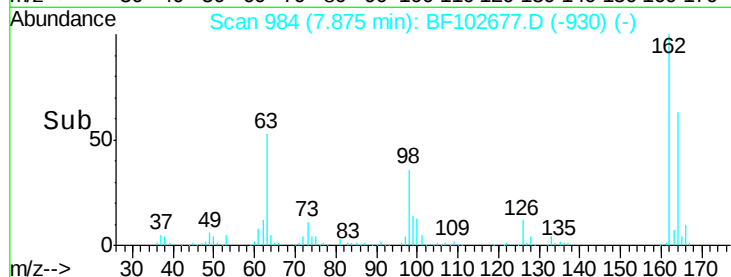
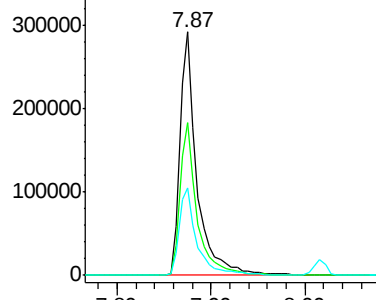
Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	42.7	82.7
98	35.9	18.1	58.1

Manual Integrations
APPROVED

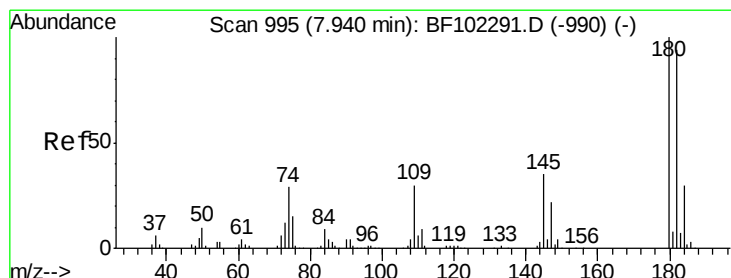


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



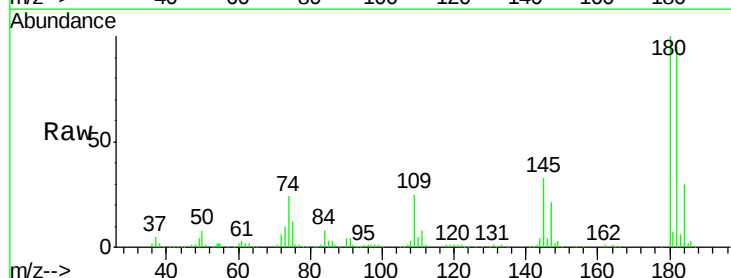
Sohil

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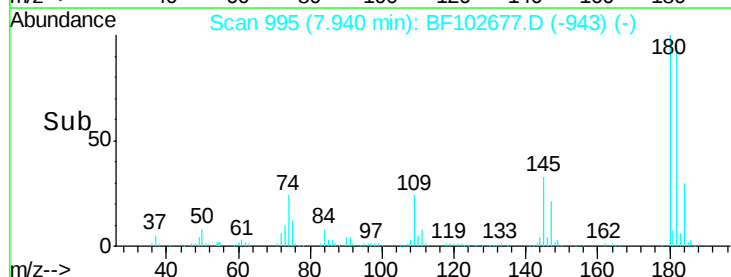
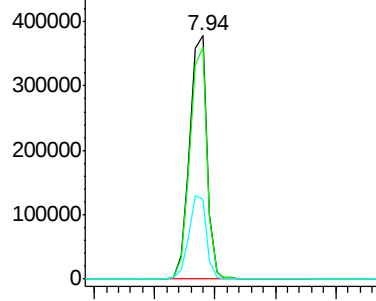


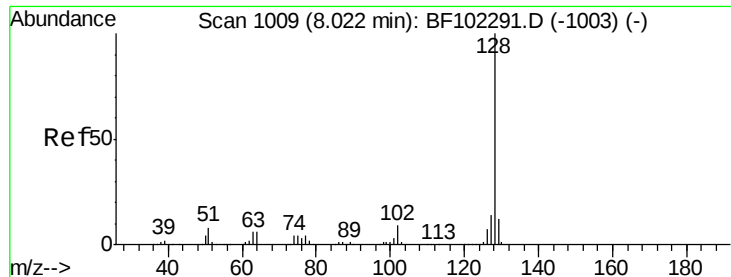
#30
1,2,4-Trichlorobenzene
Concen: 43.070 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	76.8	115.2
145	32.9	26.5	39.7



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



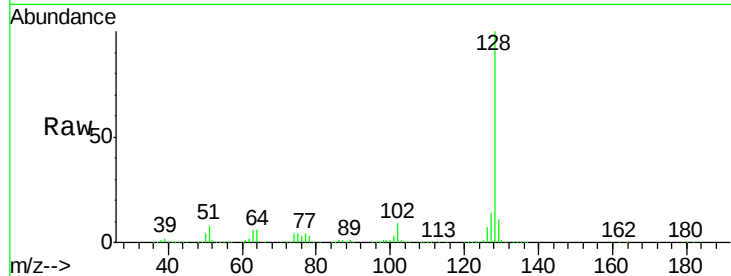


#31
Naphthalene
Concen: 43.327 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

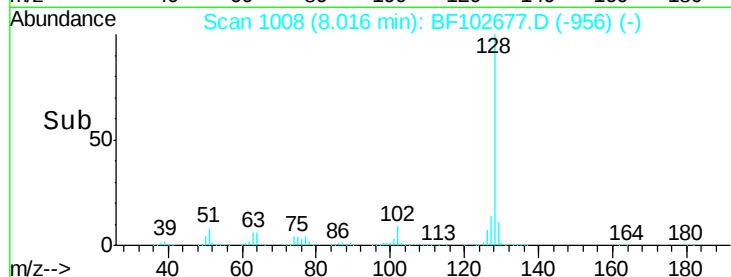
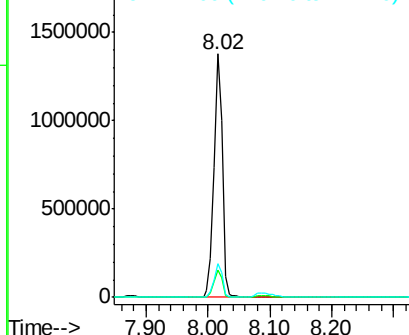
Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.8	10.9	16.3

Manual Integrations
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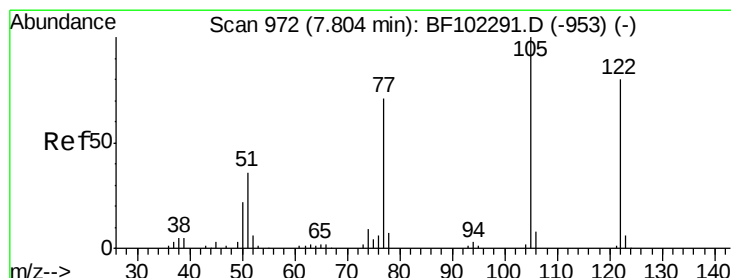


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



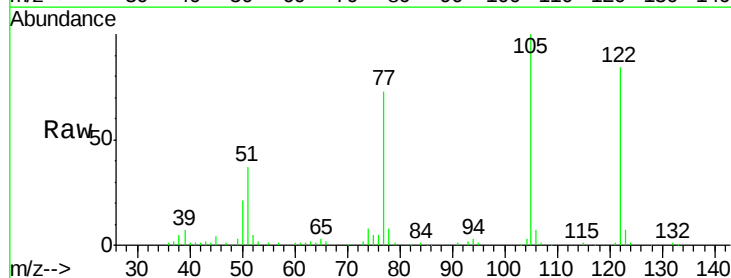
Sohil

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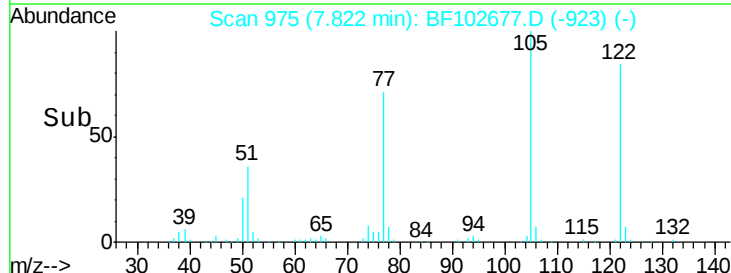
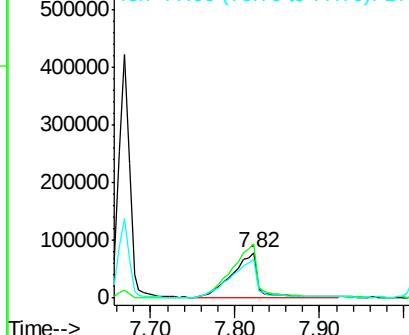


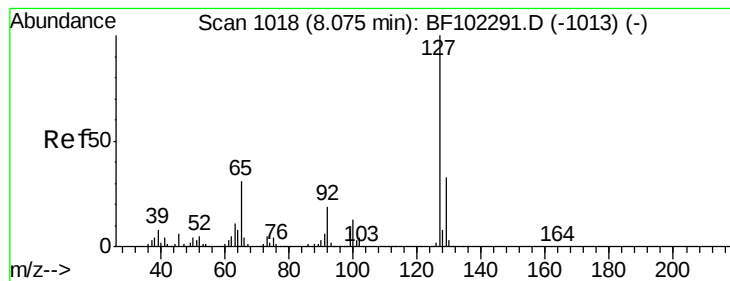
#32
Benzoic acid
Concen: 24.730 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.9	101.1	141.1
77	86.6	70.7	110.7



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





#33

4-Chloroaniline

Concen: 4.116 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Instrument :

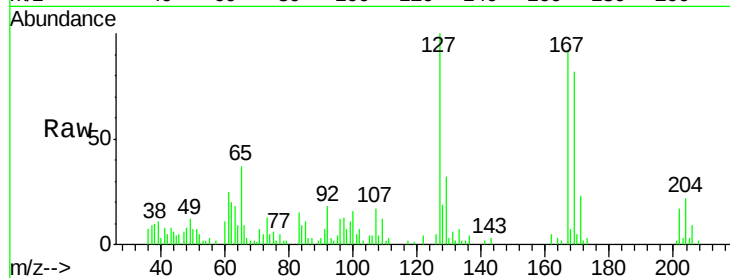
BNA_F

ClientSampleId :

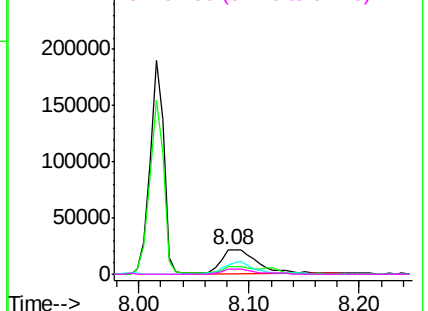
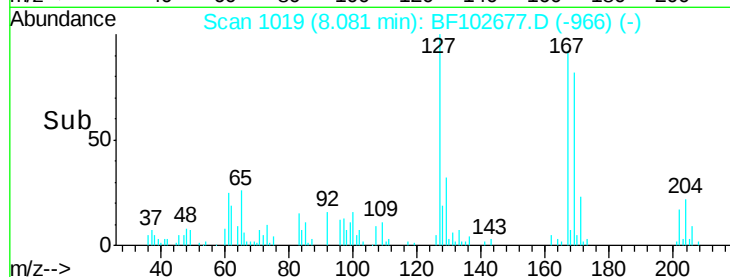
BU-02-013018MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	50490		
129	31.9	25.9	38.9	
65	37.0	25.0	37.4	
92	18.4	15.2	22.8	

Manual Integrations
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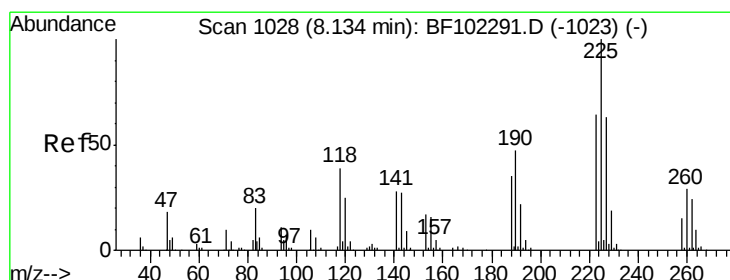


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1



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#34

Hexachlorobutadiene

Concen: 42.447 ng

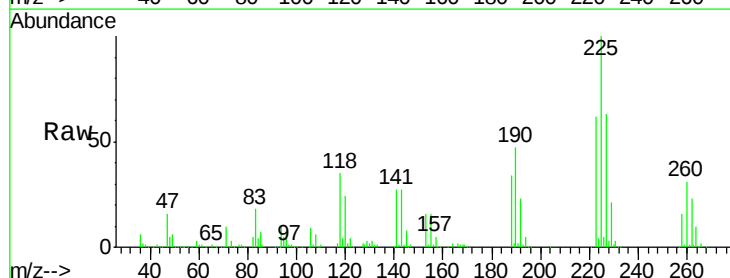
RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

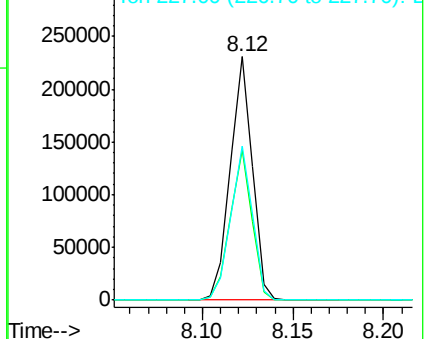
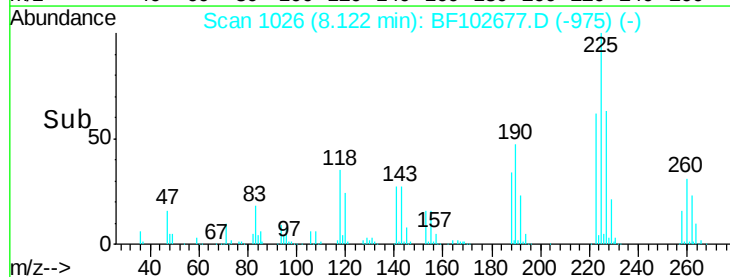
Lab File: BF102677.D

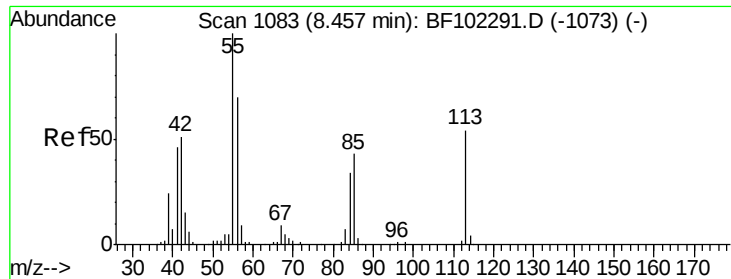
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	196827		
223	61.9	50.6	76.0	
227	63.2	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



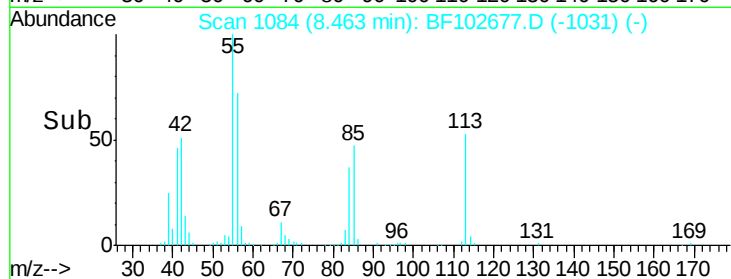
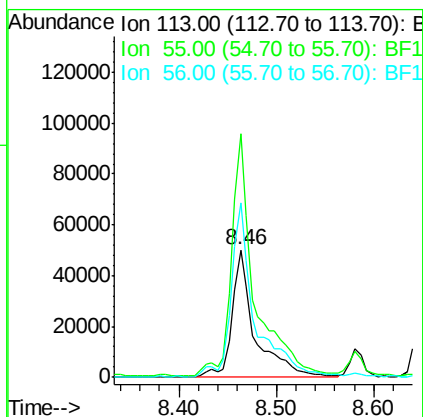
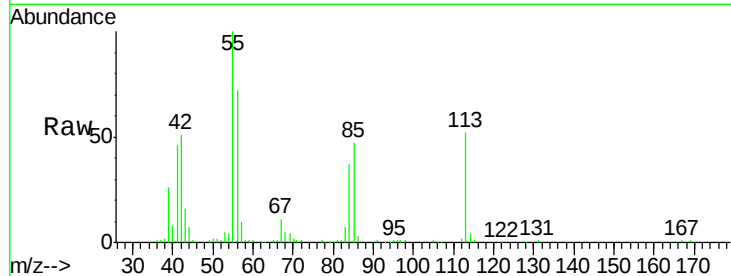


#35
 Caprolactam
 Concen: 31.082 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

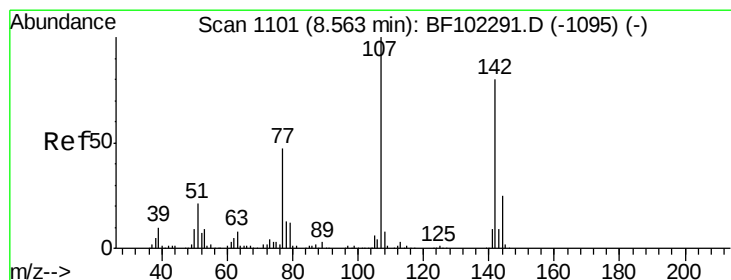
Tgt Ion:113 Resp: 83139
 Ion Ratio Lower Upper
 113 100
 55 191.4 163.3 203.3
 56 137.6 115.7 155.7

Manual Integrations
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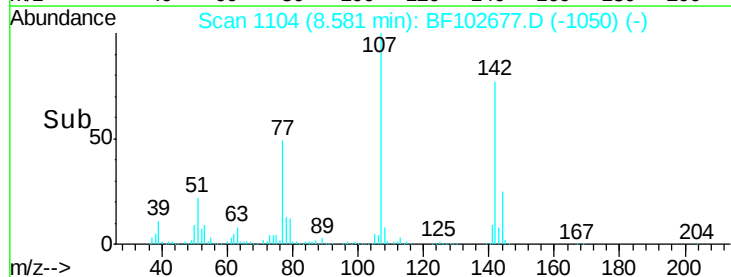
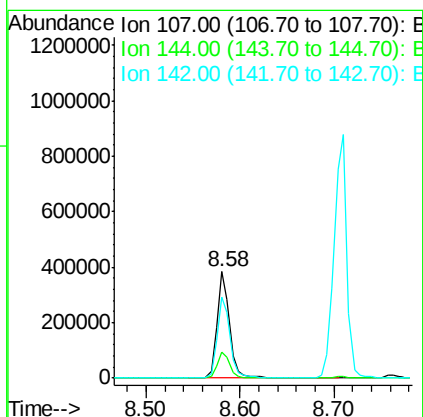
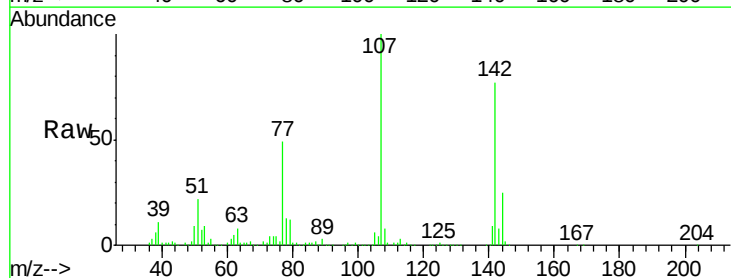
Sohil

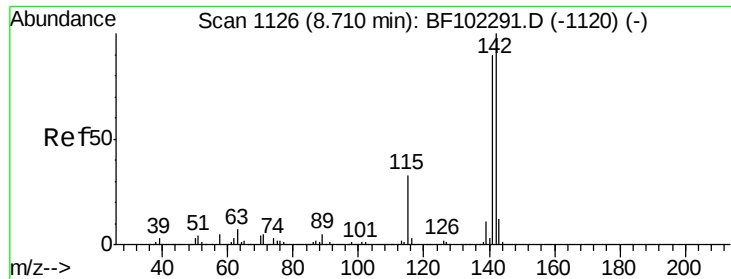
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#36
 4-Chloro-3-methylphenol
 Concen: 42.368 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.02 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Tgt Ion:107 Resp: 361702
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 76.9 62.0 93.0



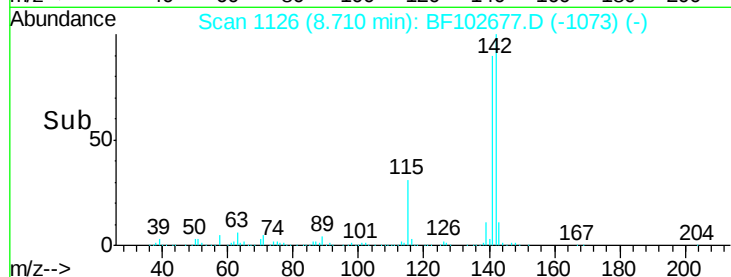
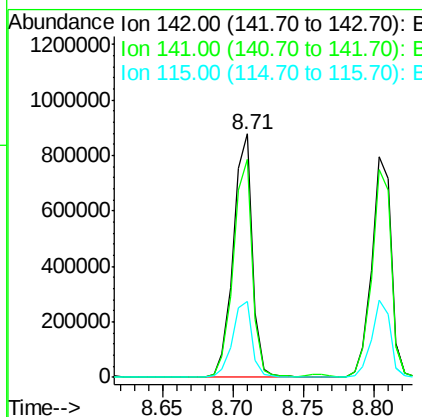
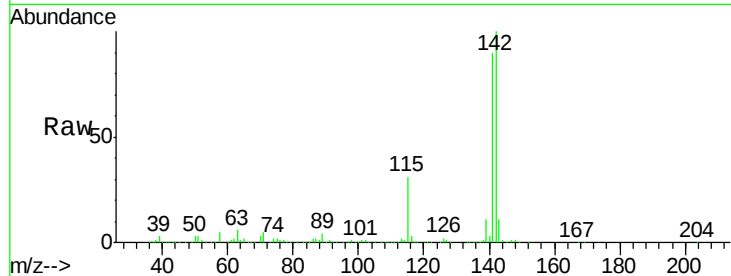


#37
 2-Methylnaphthalene
 Concen: 42.525 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

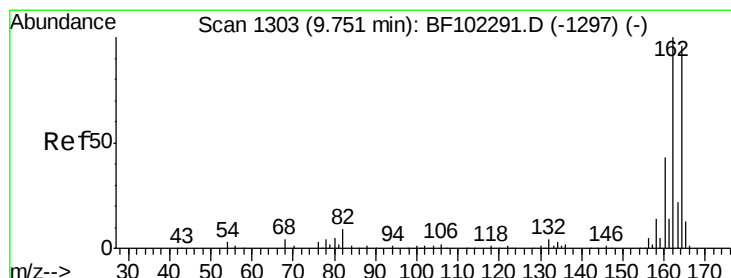
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	826105		
141	89.6	70.8	106.2	
115	31.1	26.1	39.1	

Manual Integrations
 APPROVED



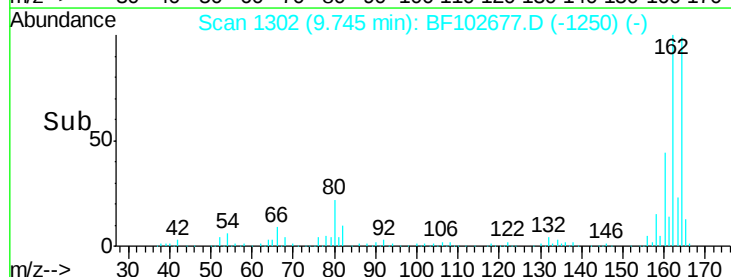
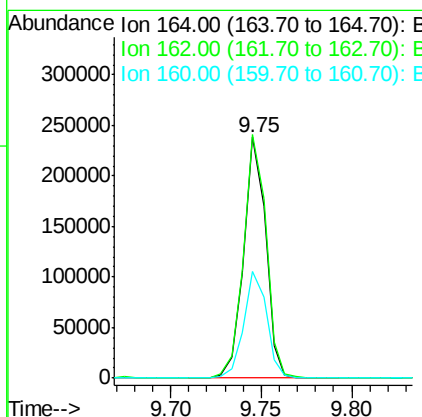
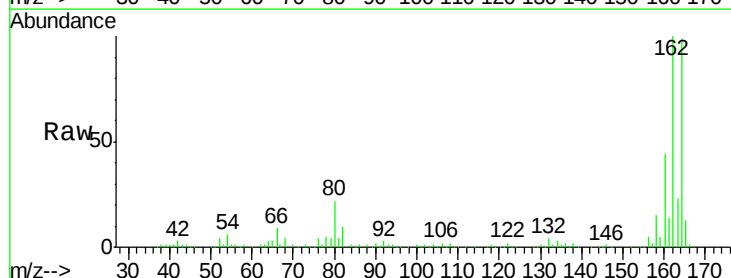
Sohil

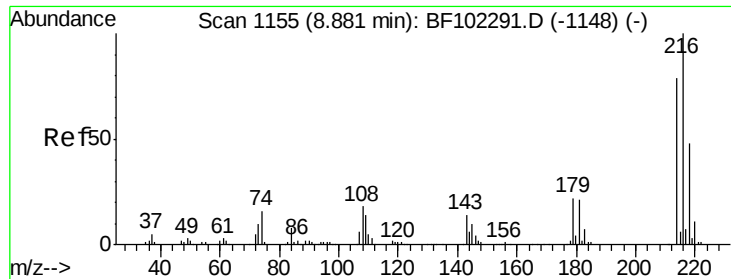
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	202311		
162	101.0	86.1	129.1	
160	44.5	38.3	57.5	



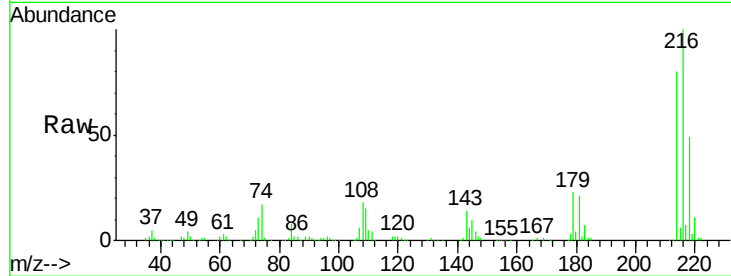


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.379 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

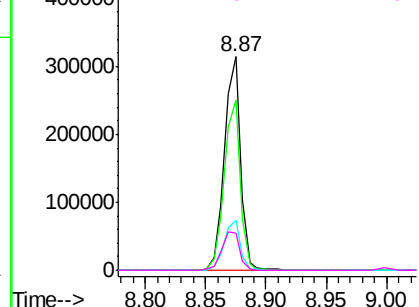
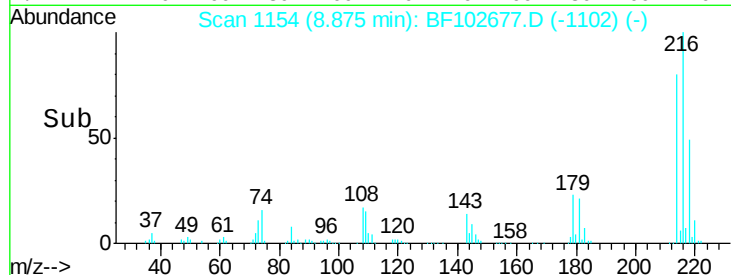
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.7	63.0	94.4
179	23.2	18.1	27.1
108	19.8	17.2	25.8

Manual Integrations
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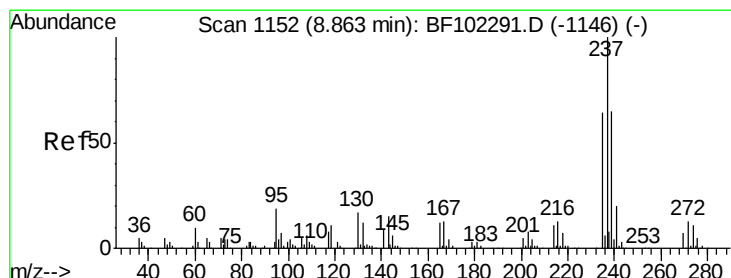


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



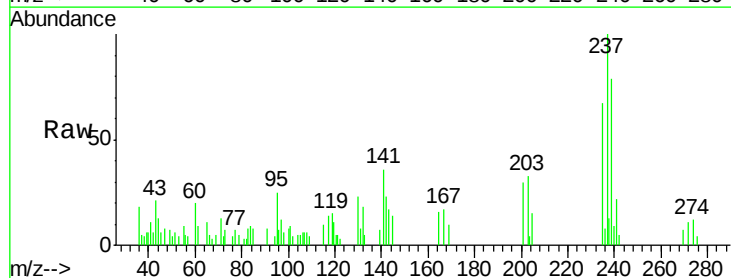
Sohil

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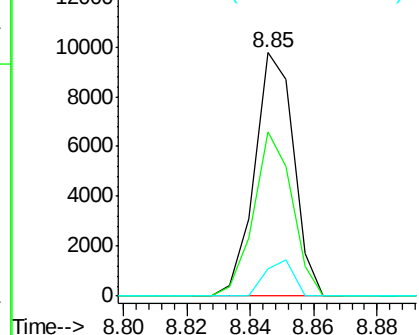
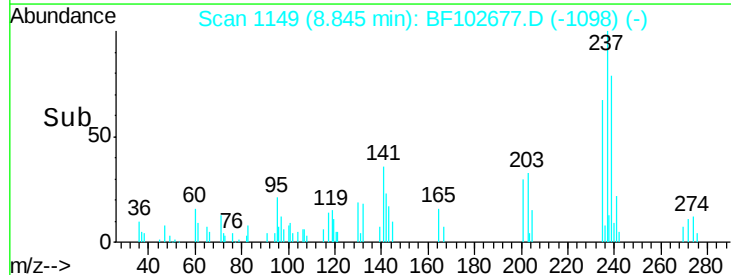


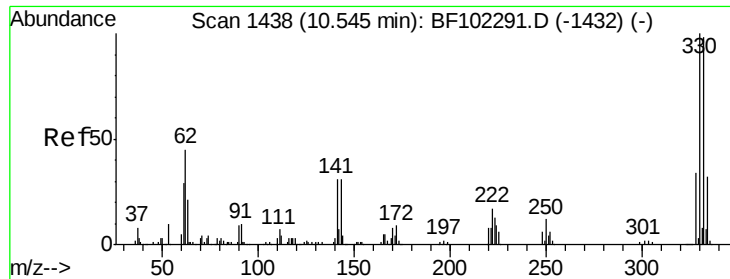
#40
 Hexachlorocyclopentadiene
 Concen: 3.070 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	67.4	44.8	84.8
272	11.2	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



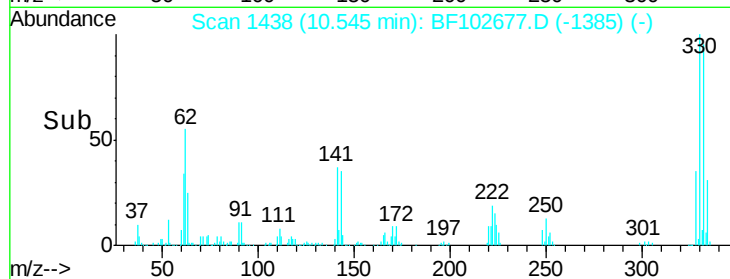
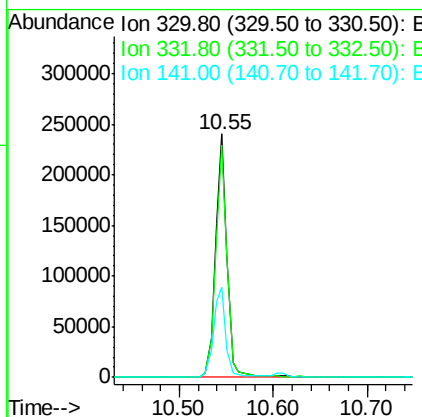
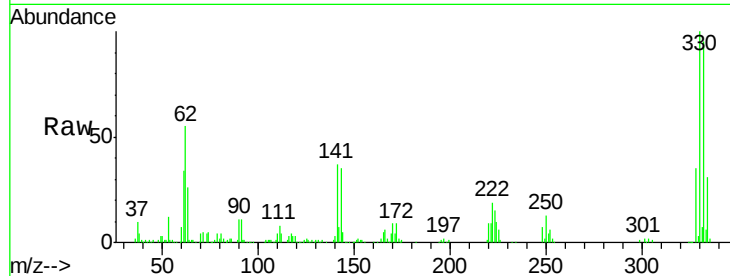


#41
 2,4,6-Tribromophenol
 Concen: 105.795 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

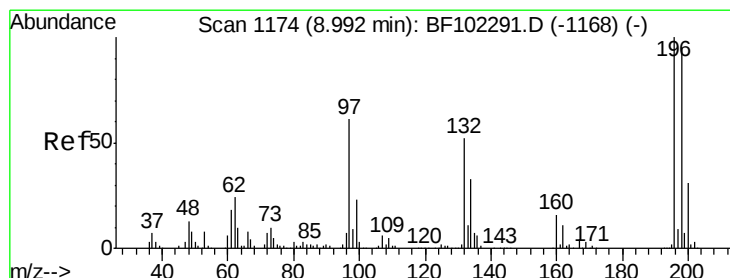
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	39.4	29.9	44.9

Manual Integrations
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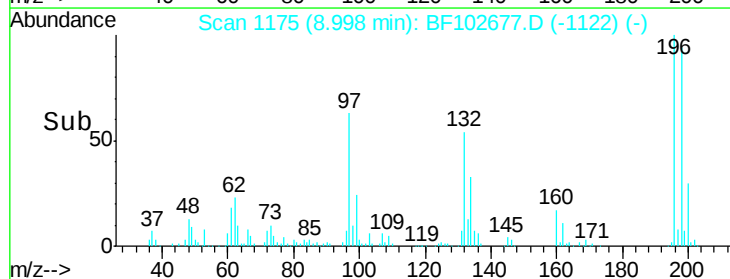
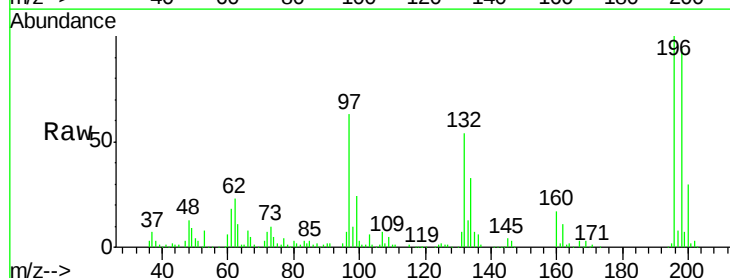
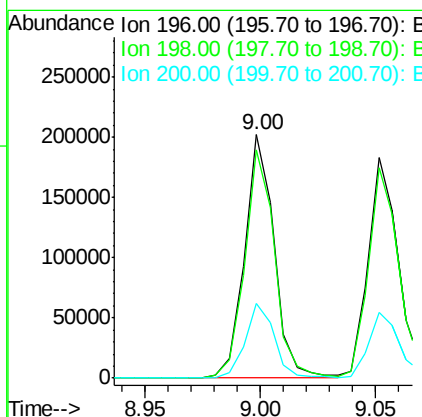
Sohil

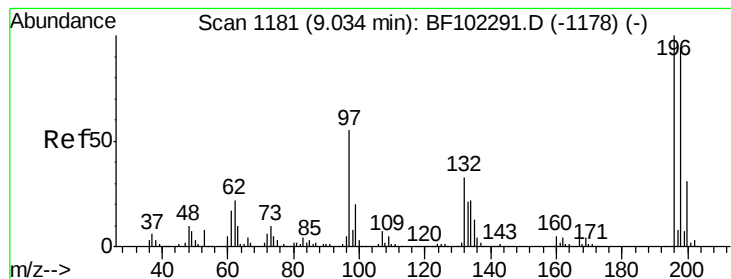
2/1/2018 12:14:35 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.488 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.7	113.5
200	30.4	24.5	36.7



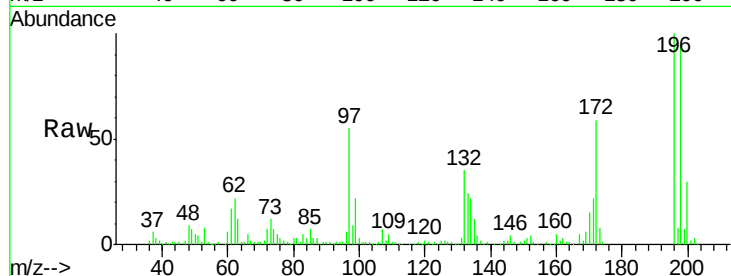


#43
 2,4,5-Trichlorophenol
 Concen: 37.744 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.02 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173159		
198	95.1	74.6	112.0	
97	54.6	42.9	64.3	
132	34.7	26.3	39.5	

Manual Integrations
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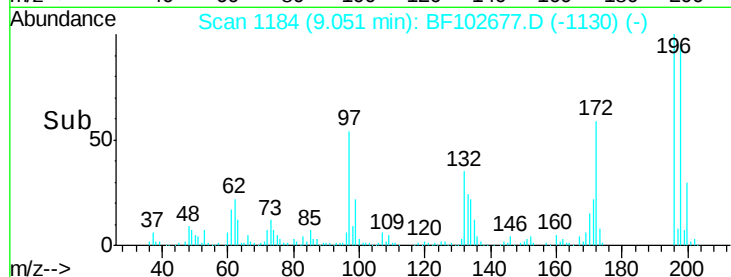
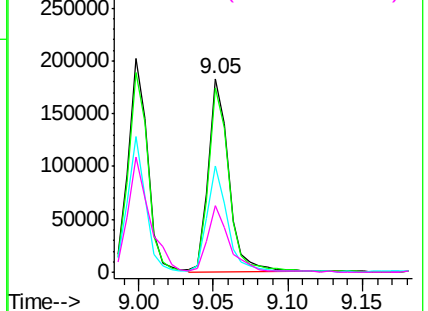
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

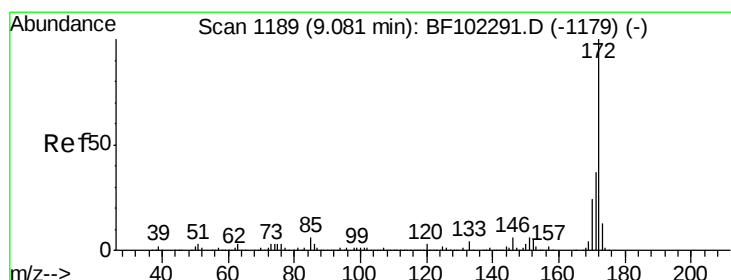
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



Sohil

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#44
 2-Fluorobiphenyl
 Concen: 95.753 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

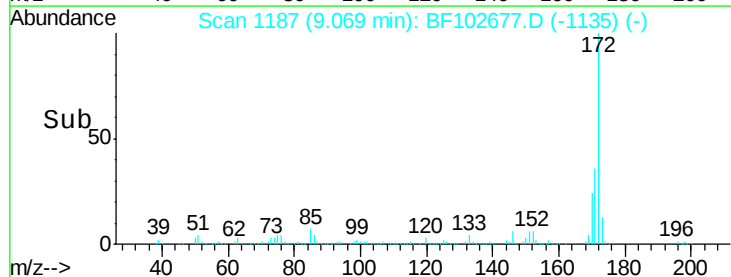
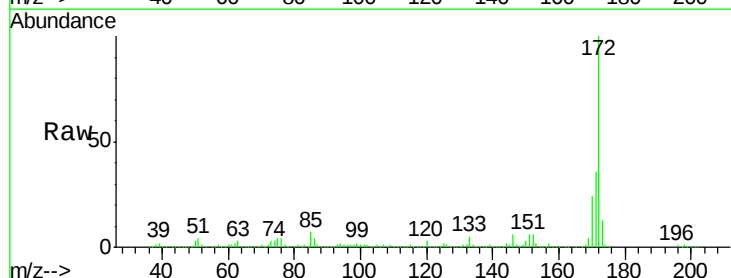
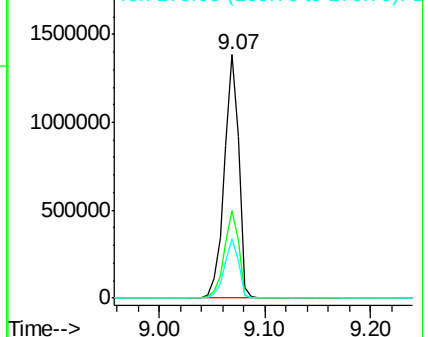
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1317499		
171	36.0	29.7	44.5	
170	24.2	19.6	29.4	

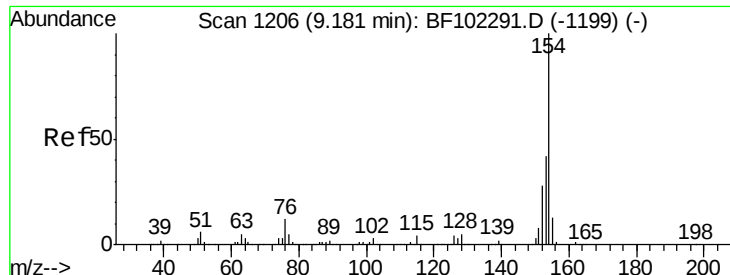
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



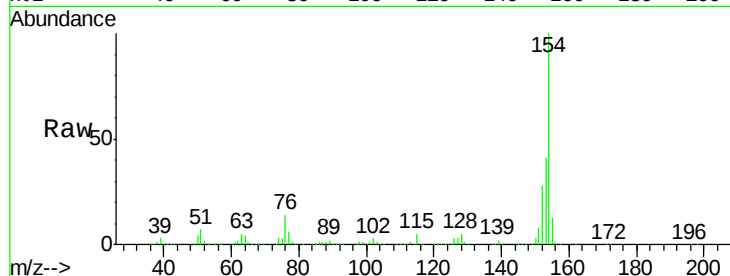


#45
 1,1'-Biphenyl
 Concen: 46.006 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.8	0.0	34.0

Manual Integrations
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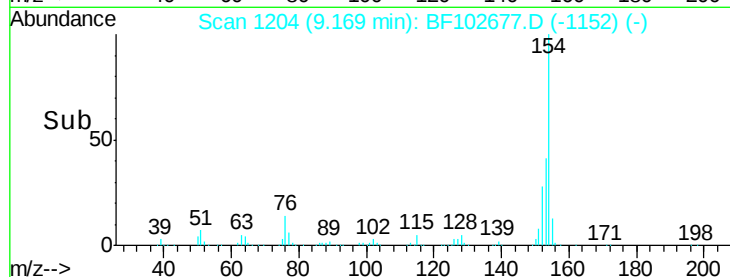
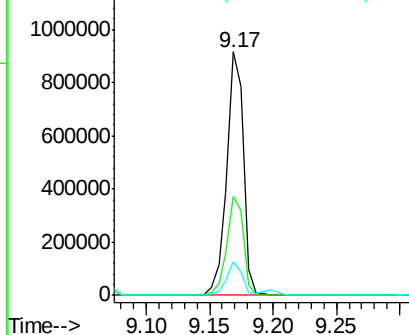


Abundance

Ion 154.00 (153.70 to 154.70): E

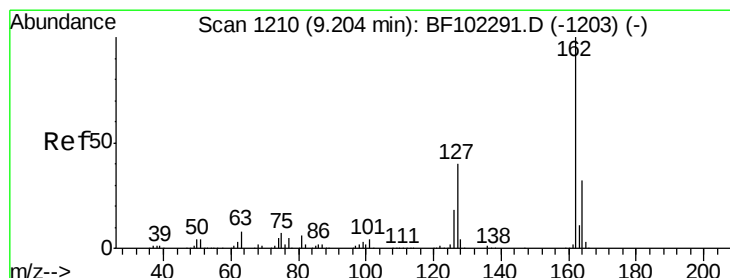
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



Sohil

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#46
 2-Chloronaphthalene
 Concen: 44.046 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

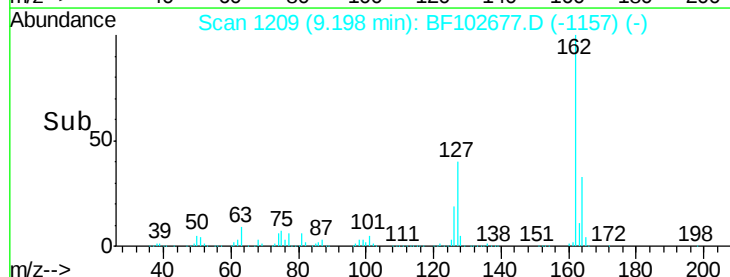
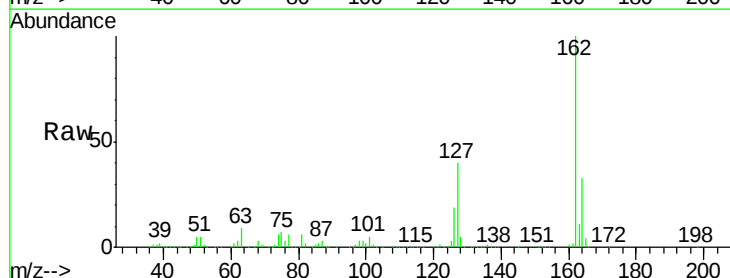
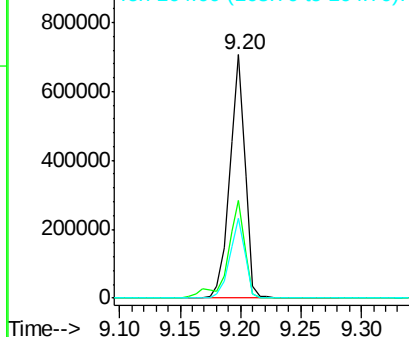
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.9	50.9
164	32.9	26.5	39.7

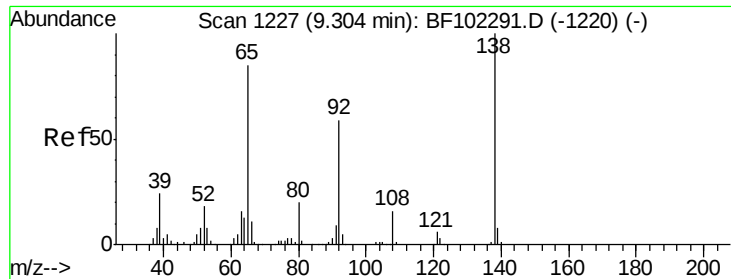
Abundance

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



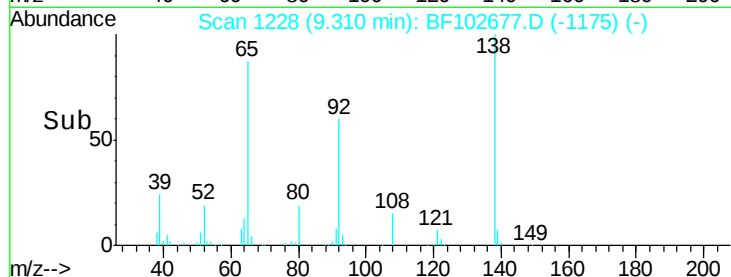
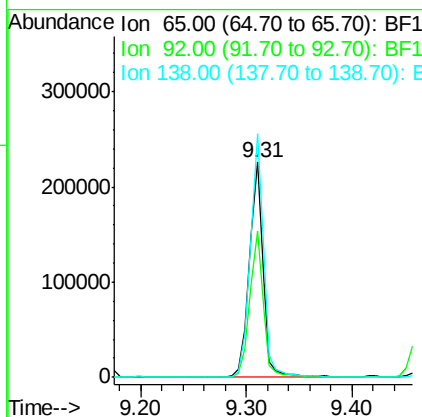
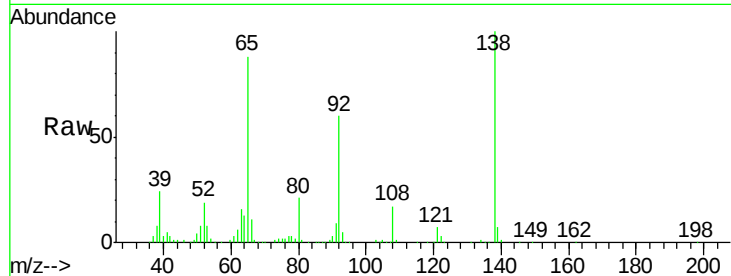


#47
2-Nitroaniline
Concen: 47.078 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Instrument :
BNA_F
ClientSampled :
BU-02-013018MS

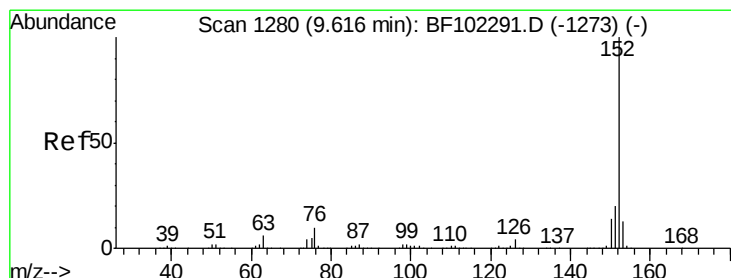
Tgt Ion	Ratio	Resp	Lower	Upper
65	100	206377		
92	67.8		55.8	83.6
138	113.1		91.2	136.8

Manual Integrations
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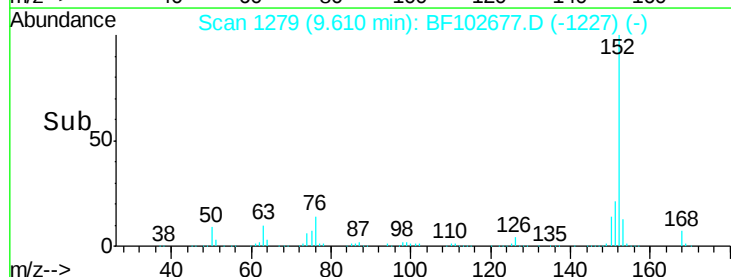
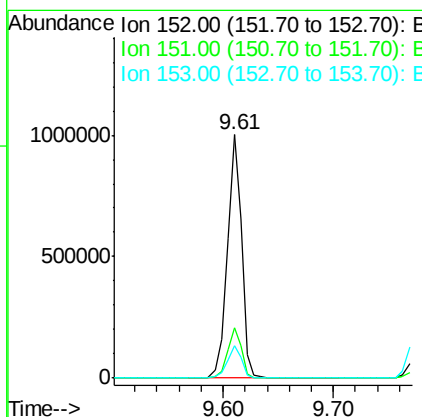
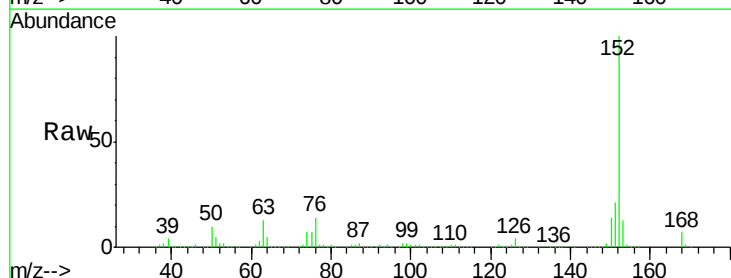
Sohil

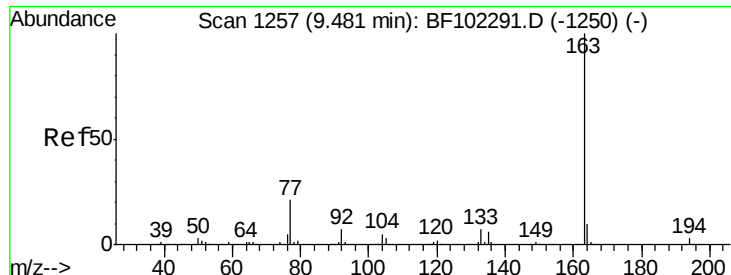
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#48
Acenaphthylene
Concen: 41.199 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	902523		
151	20.6		16.3	24.5
153	13.3		10.7	16.1



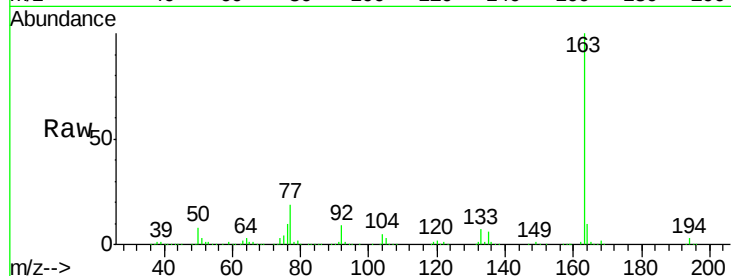


#49
Dimethylphthalate
Concen: 42.970 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

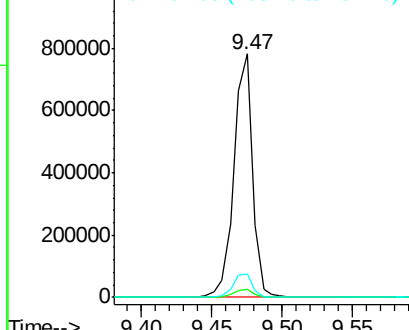
Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.7	4.1
164	9.7	8.2	12.2

Manual Integrations
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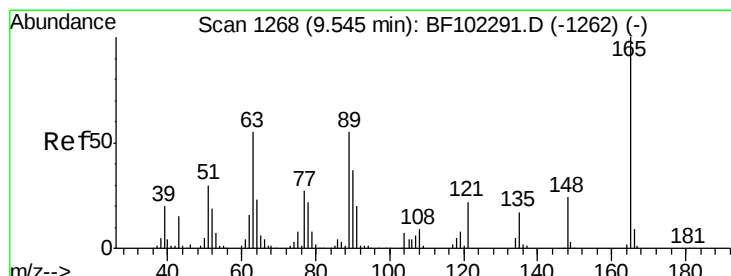
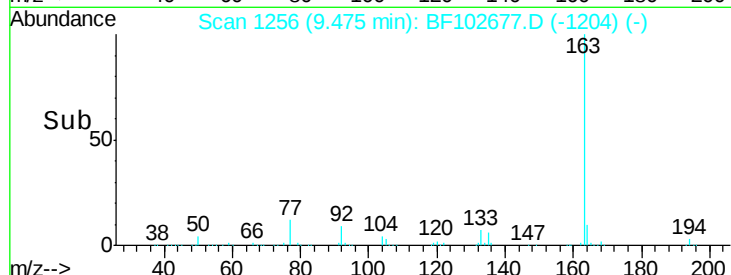


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



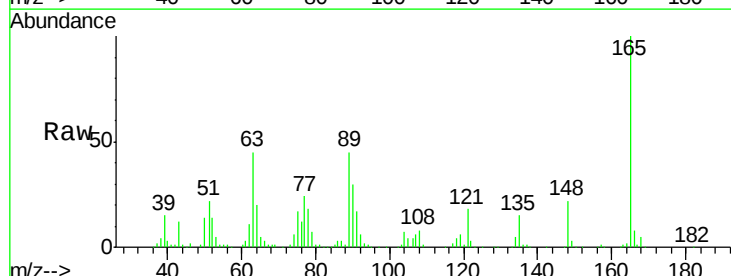
Sohil

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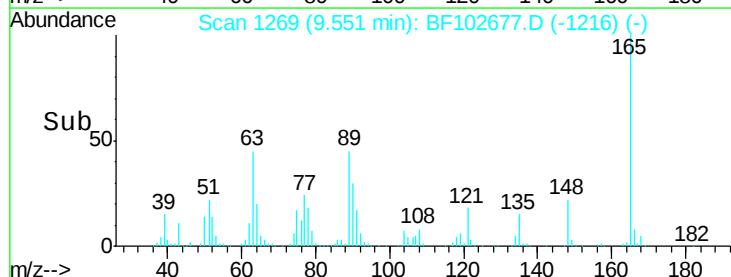
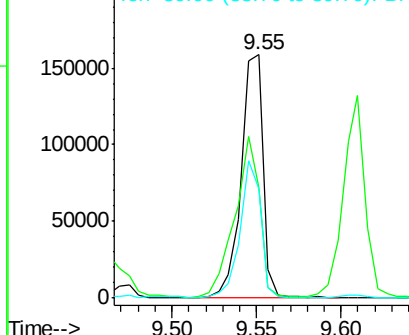


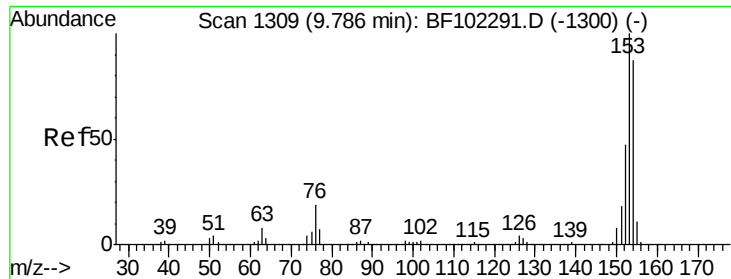
#50
2,6-Dinitrotoluene
Concen: 40.016 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.2	44.7	67.1
89	45.1	44.0	66.0



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





#51

Acenaphthene

Concen: 41.606 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Instrument :

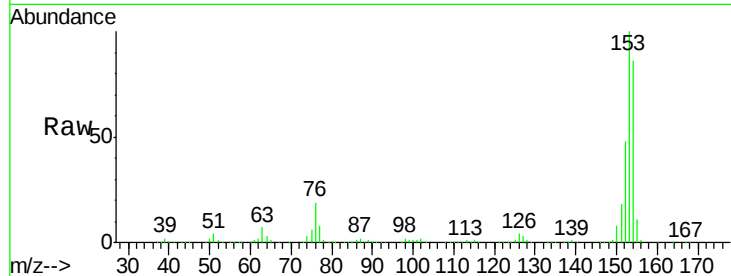
BNA_F

ClientSampleId :

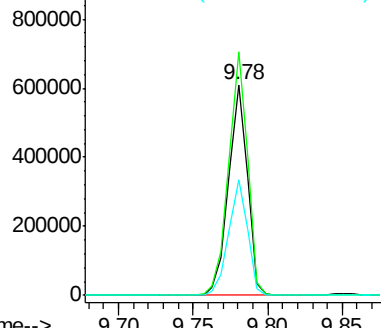
BU-02-013018MS

Tgt Ion:	154	Resp:	532297
Ion Ratio	Lower	Upper	
154	100		
153	115.6	91.2	136.8
152	55.2	43.8	65.8

Manual Integrations
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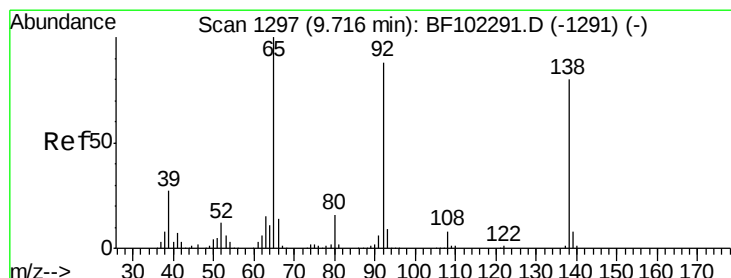


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



Sohil

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#52

3-Nitroaniline

Concen: 19.251 ng

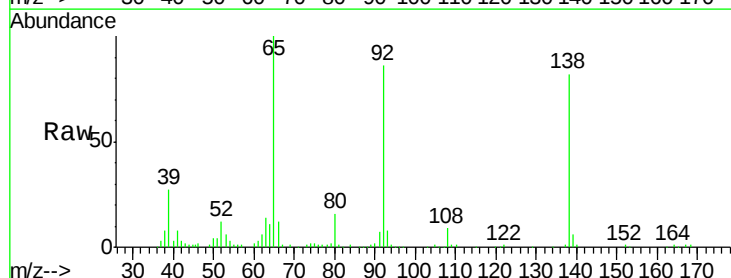
RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

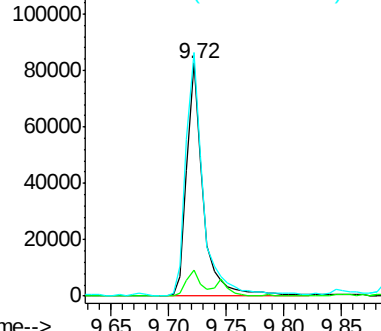
Lab File: BF102677.D

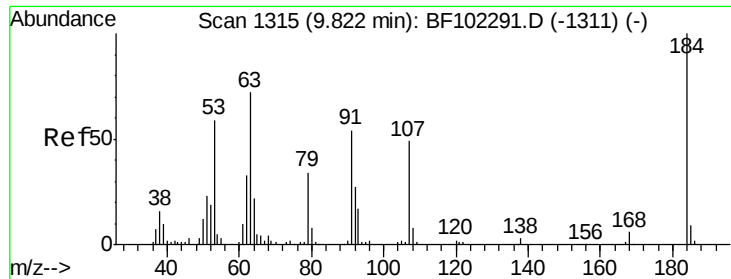
Acq: 1 Feb 2018 1:29

Tgt Ion:	138	Resp:	82107
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.4	14.0
92	104.6	89.4	134.2



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



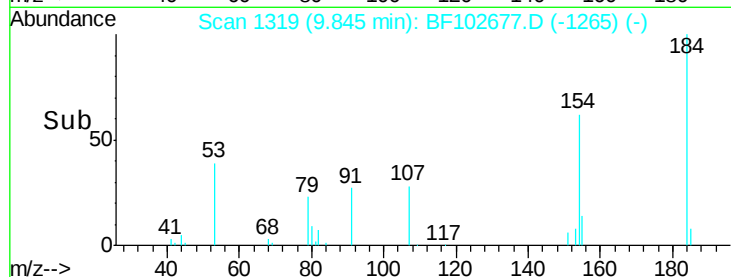
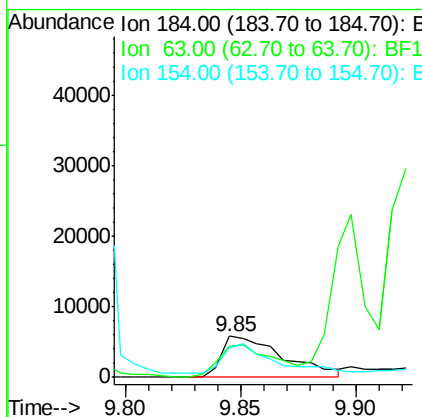
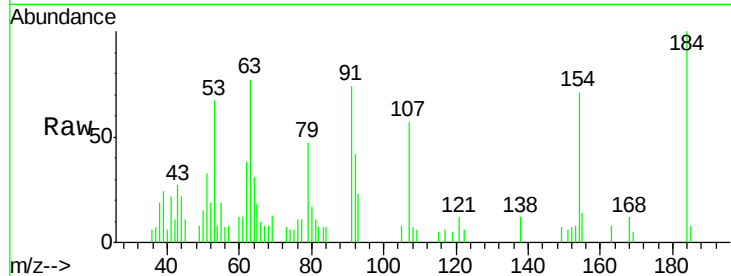


#53
2,4-Dinitrophenol
Concen: 10.170 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

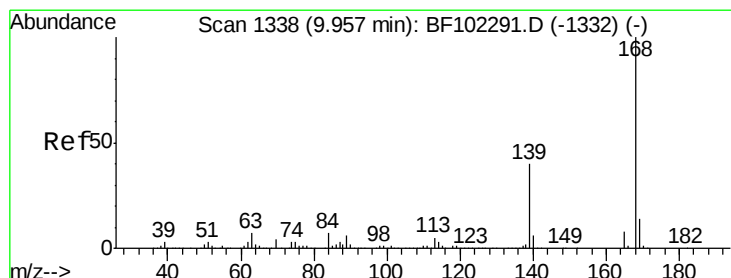
Tgt Ion:184 Resp: 10981
Ion Ratio Lower Upper
184 100
63 76.6 54.2 81.2
154 71.3 184.0 276.0#

Manual Integrations
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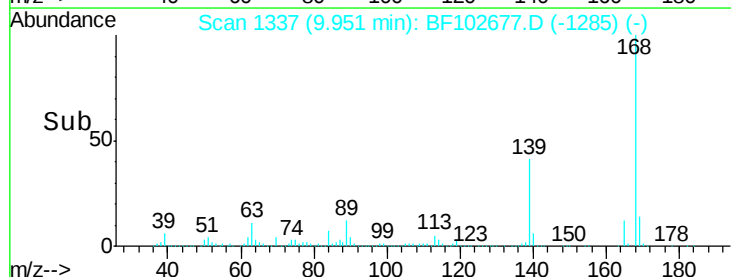
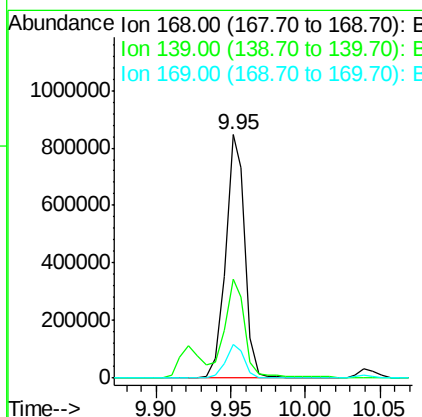
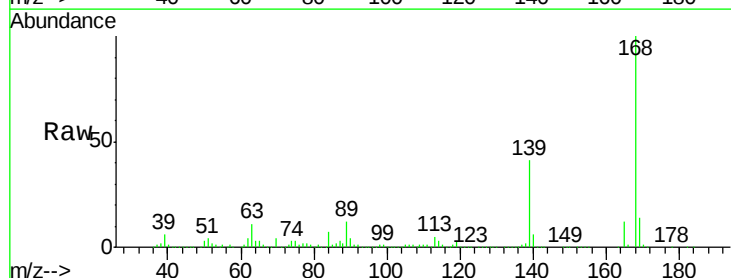
Sohil

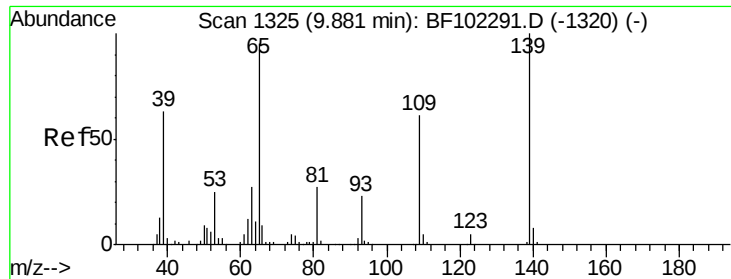
2/1/2018 12:14:35 PM



#54
Dibenzofuran
Concen: 44.515 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion:168 Resp: 770780
Ion Ratio Lower Upper
168 100
139 40.5 30.1 45.1
169 13.6 10.9 16.3



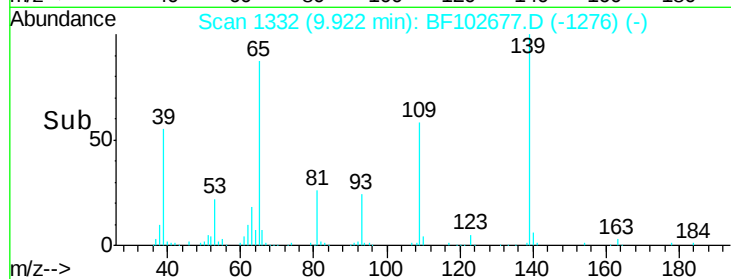
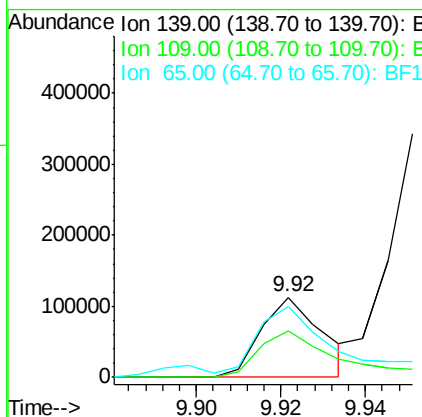
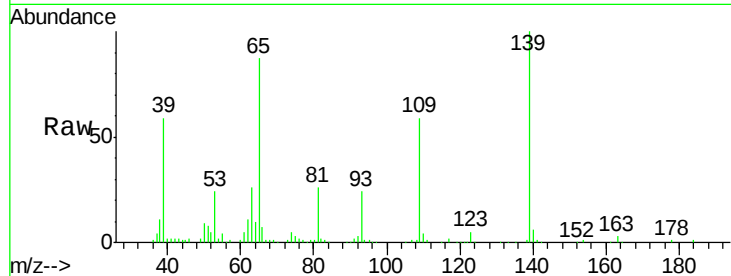


#55
4-Nitrophenol
Concen: 40.238 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.03 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

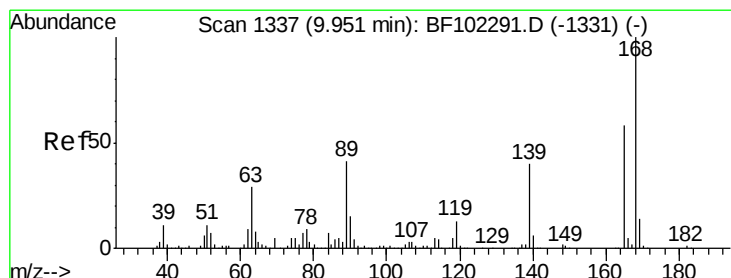
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	113285		
109	58.7	48.4	88.4	
65	87.5	72.6	112.6	

Manual Integrations
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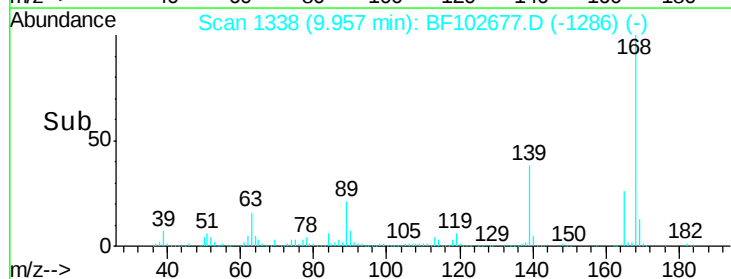
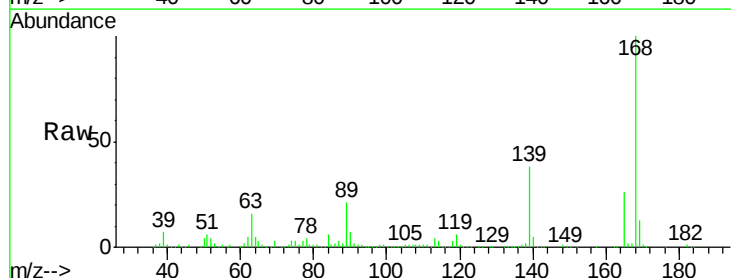
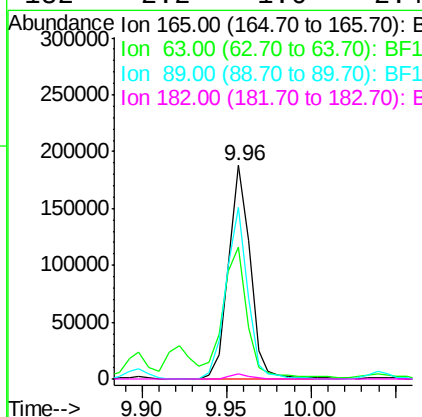
Sohil

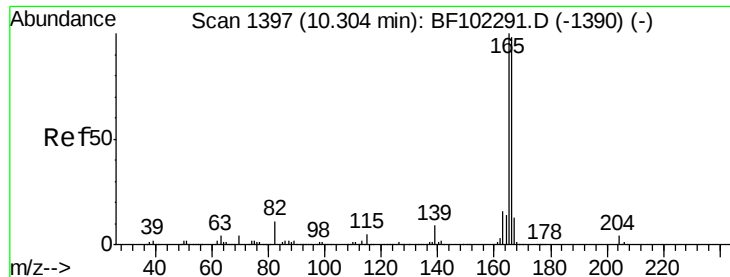
2/1/2018 12:14:35 PM



#56
2,4-Dinitrotoluene
Concen: 37.717 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167224		
63	61.9	36.4	54.6#	
89	80.5	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 44.310 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Instrument :

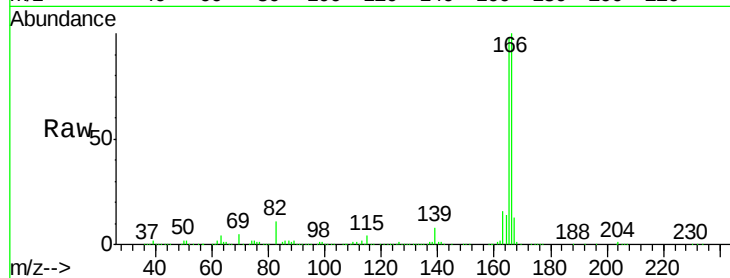
BNA_F

ClientSampleId :

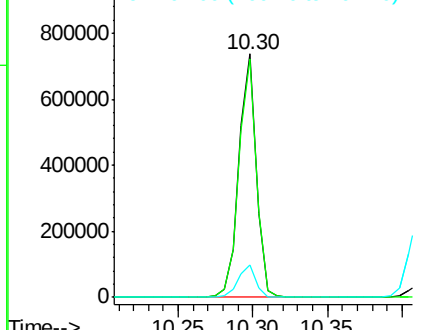
BU-02-013018MS

Tgt Ion:	166	Resp:	607950
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.8	119.8
167	13.3	10.6	16.0

Manual Integrations
APPROVED

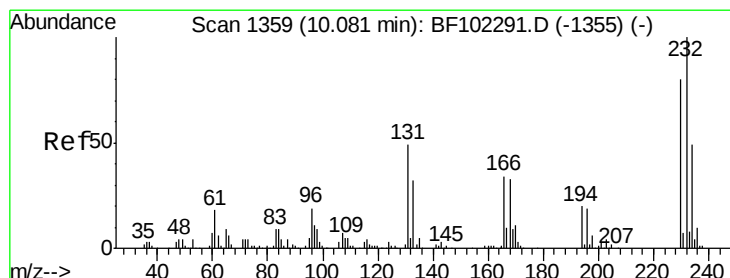
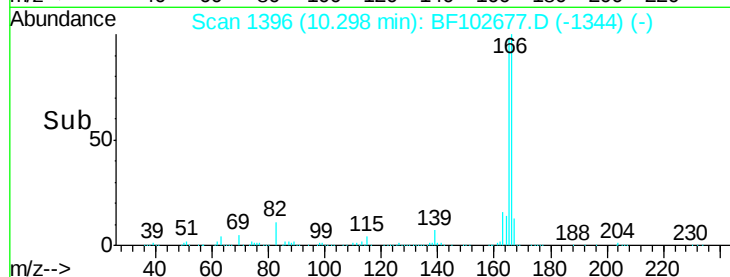


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Sohil

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.065 ng

RT: 10.09 min Scan# 1360

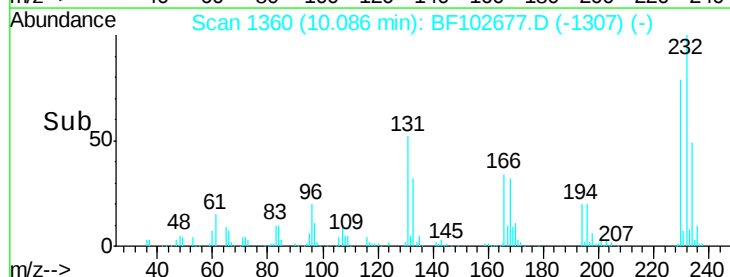
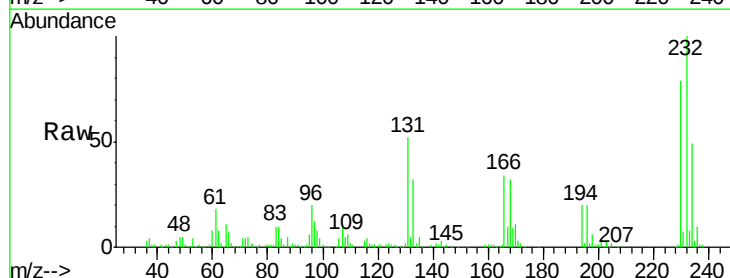
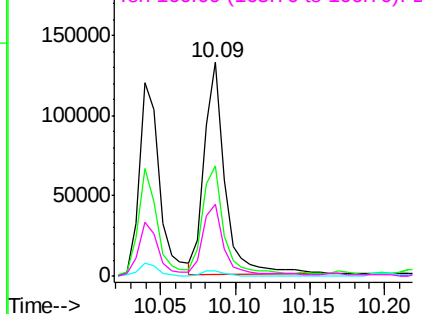
Delta R.T. 0.01 min

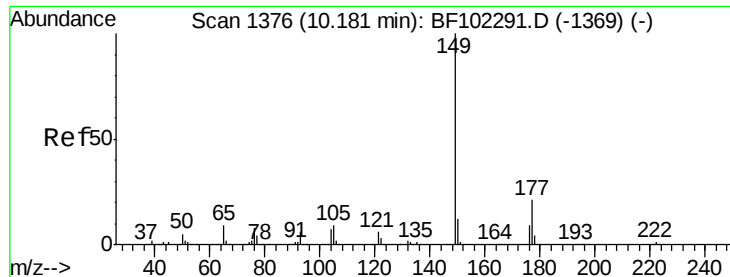
Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Tgt Ion:	232	Resp:	127962
Ion Ratio	Lower	Upper	
232	100		
131	50.8	43.8	65.8
130	2.7	2.1	3.1
166	34.2	27.8	41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



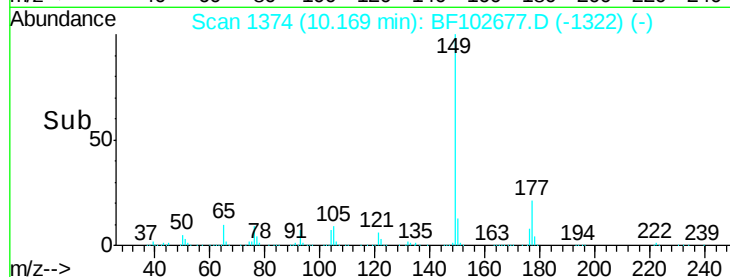
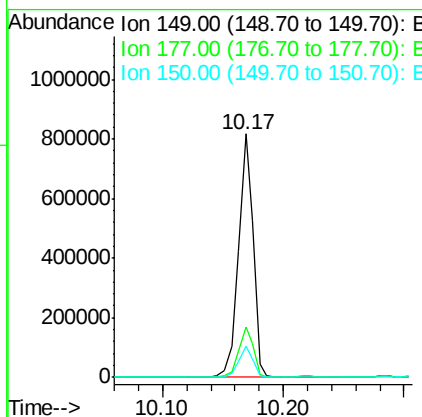
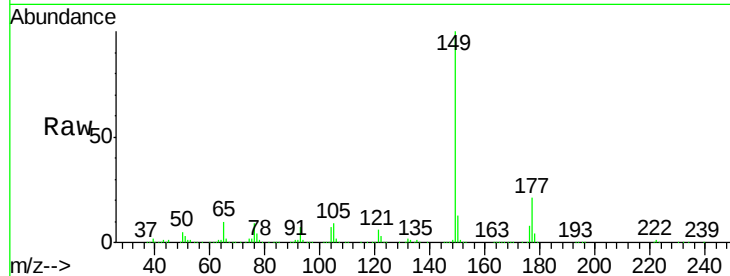


#59
Diethylphthalate
Concen: 42.355 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

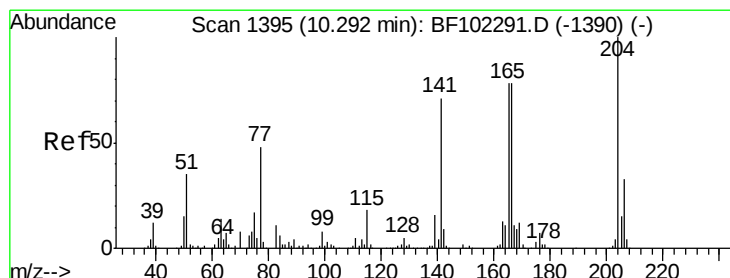
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	688265		
177	20.5	16.1	24.1	
150	12.6	10.1	15.1	

Manual Integrations
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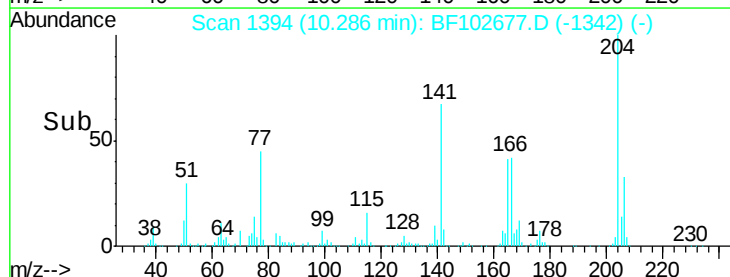
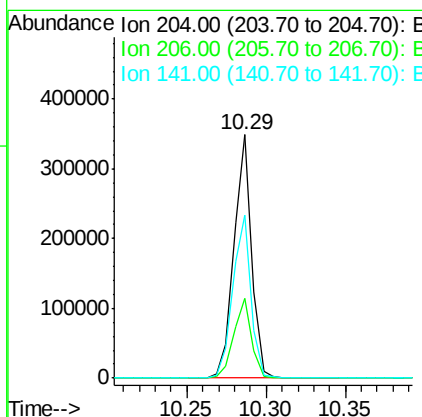
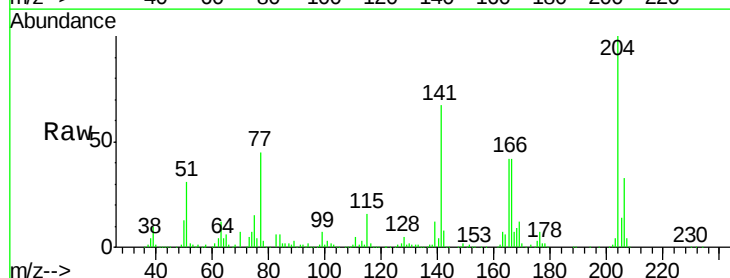
Sohil

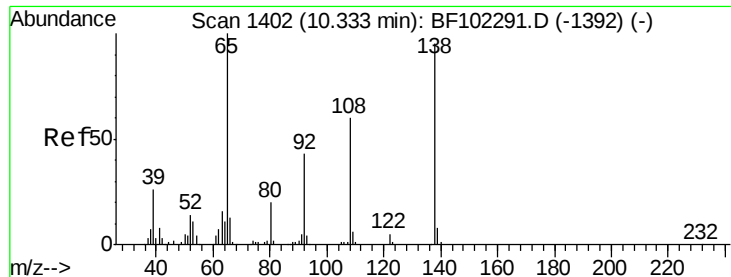
2/1/2018 12:14:35 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.356 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	269803		
206	32.5	26.5	39.7	
141	66.7	54.6	81.8	



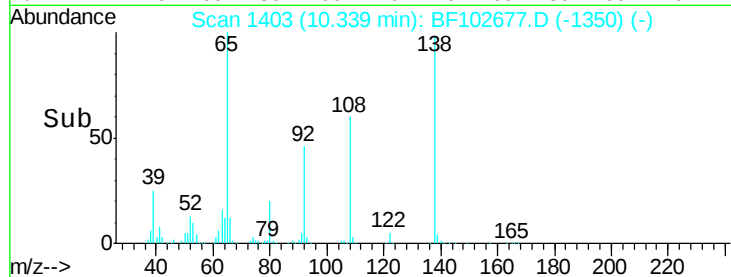
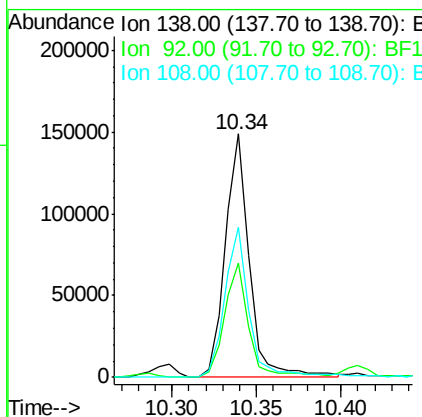
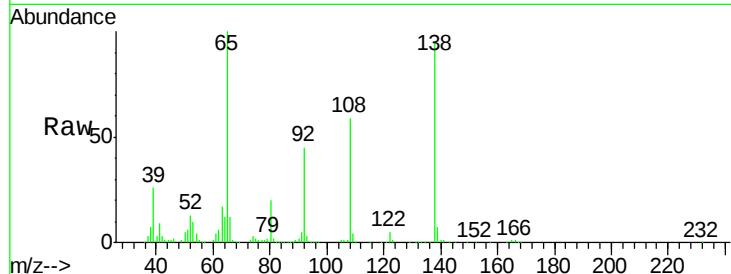


#61
4-Nitroaniline
Concen: 34.210 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

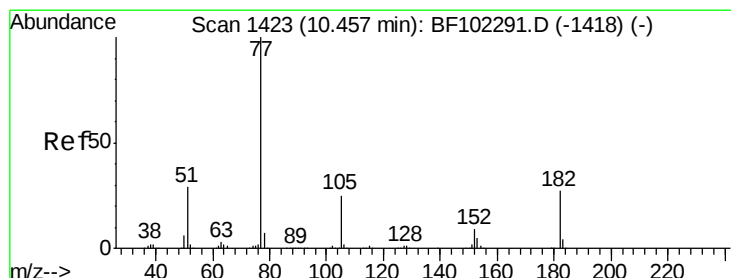
Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	30.2	70.2
108	61.7	52.5	92.5

Manual Integrations
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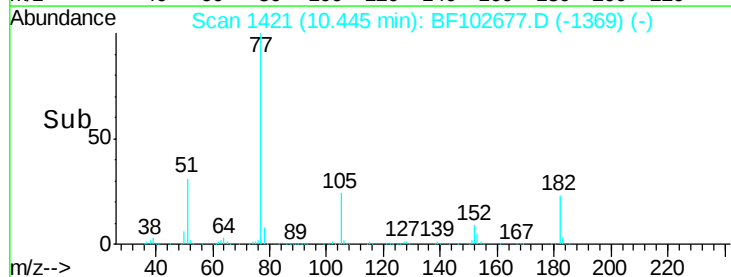
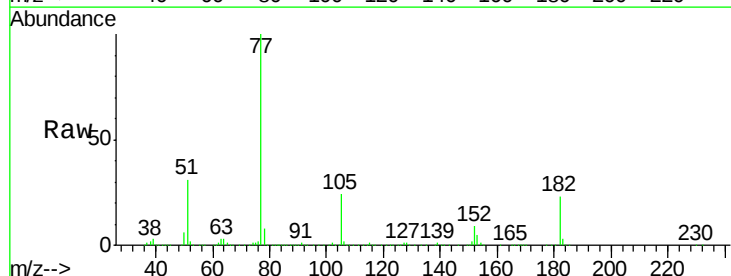
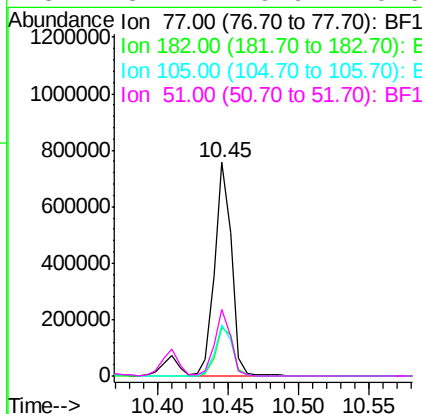
Sohil

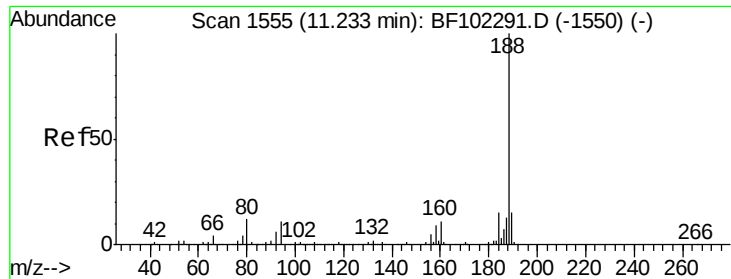
2/1/2018 12:14:35 PM



#62
Azobenzene
Concen: 41.765 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.5	1.7	41.7
105	23.8	3.0	43.0
51	31.1	9.9	49.9



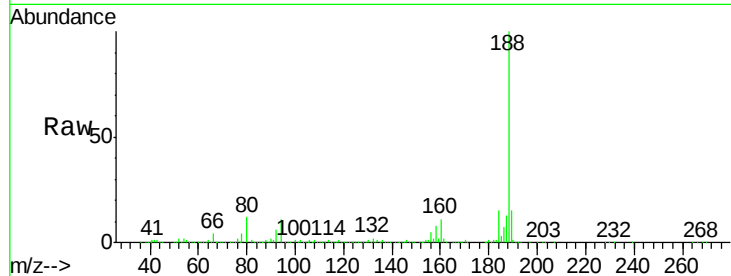


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

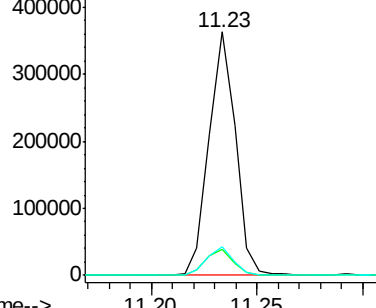
Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	316264		
94	10.9	8.5	12.7	
80	11.5	9.2	13.8	

Manual Integrations
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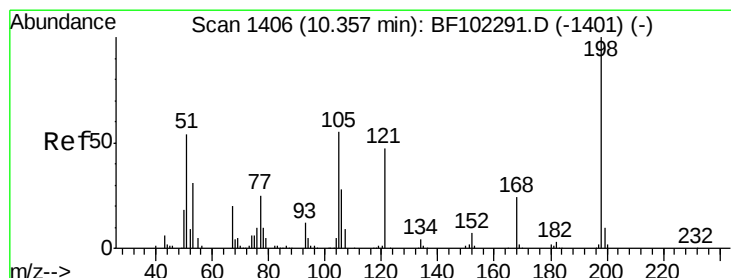
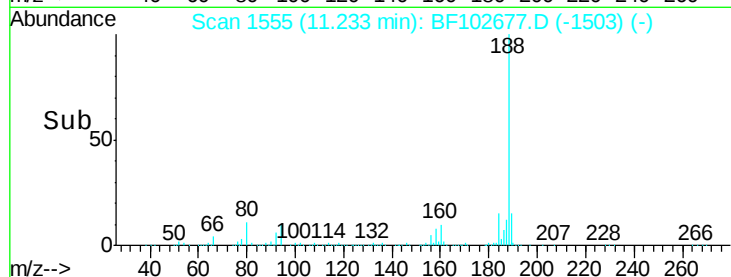


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



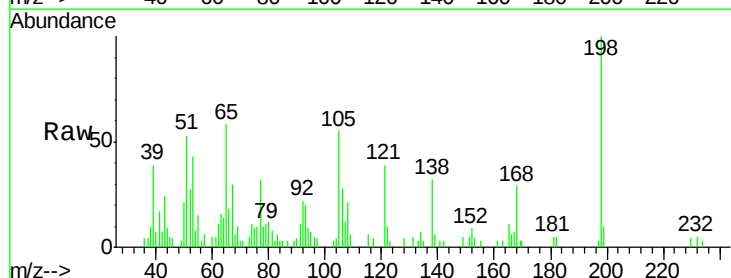
Sohil

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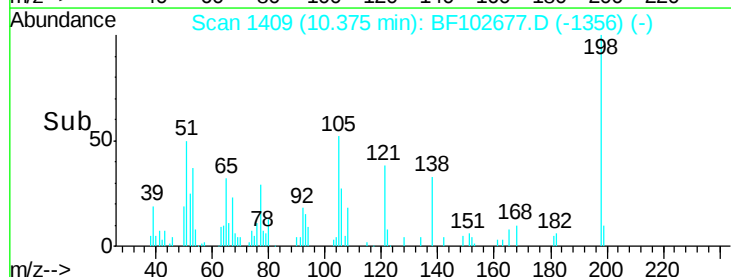
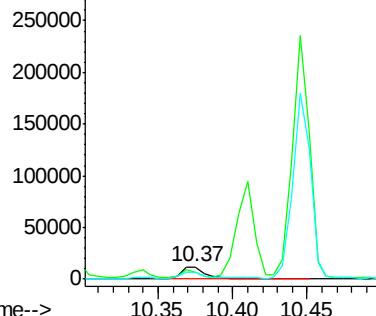


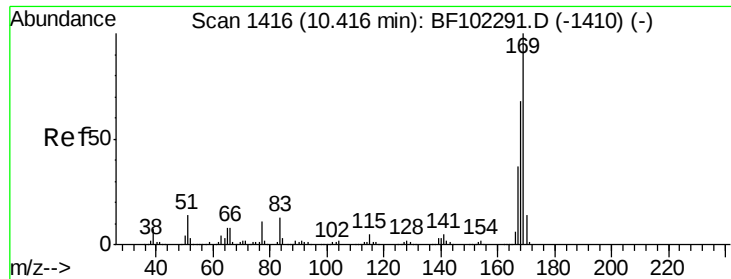
#64
4,6-Dinitro-2-methylphenol
Concen: 6.344 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	13385		
51	53.2	37.7	77.7	
105	54.8	36.3	76.3	



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



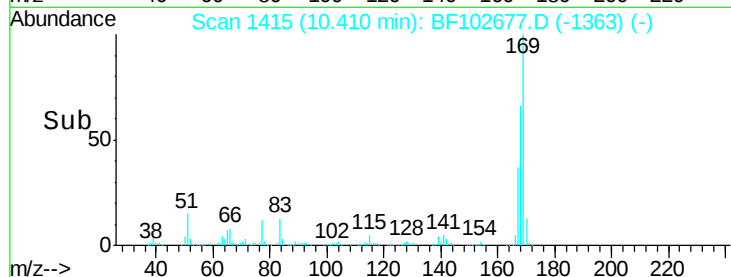
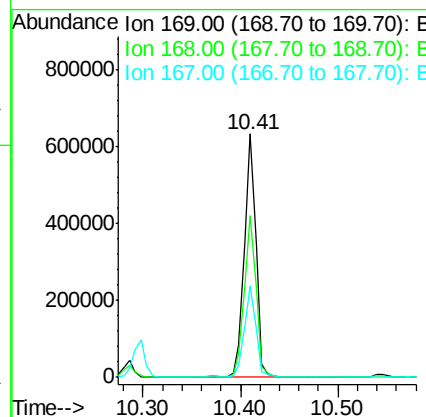
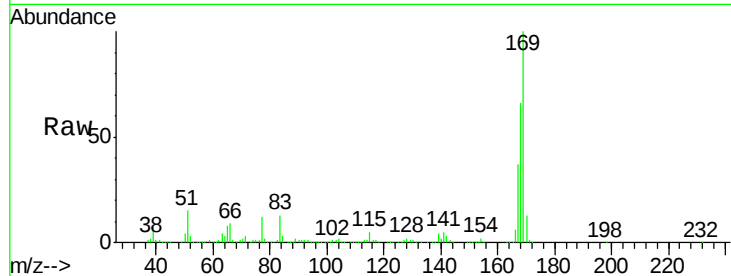


#65
 n-Nitrosodiphenylamine
 Concen: 45.273 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

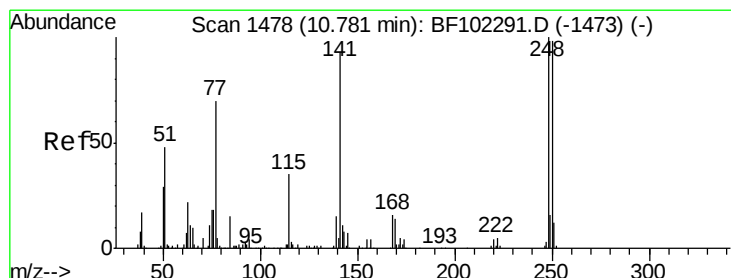
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	525532		
168	66.5		54.4	81.6
167	37.5		29.8	44.6

Manual Integrations
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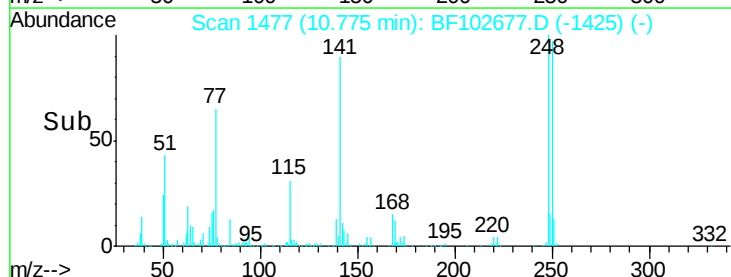
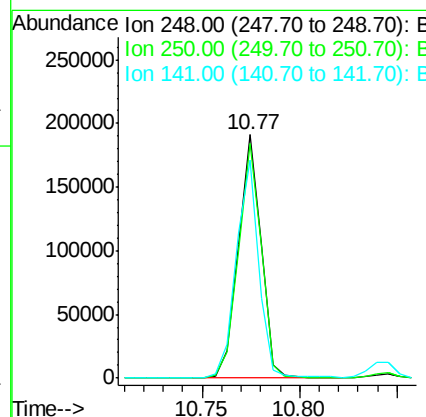
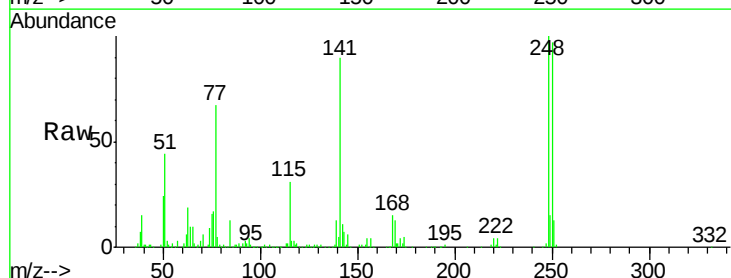
Sohil

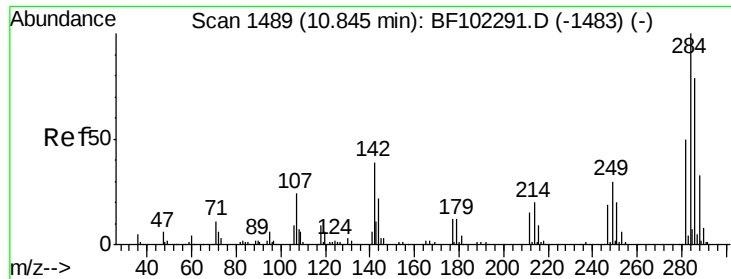
2/1/2018 12:14:35 PM



#66
 4-Bromophenyl-phenylether
 Concen: 45.494 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	154888		
250	96.6		76.9	115.3
141	89.6		74.4	111.6



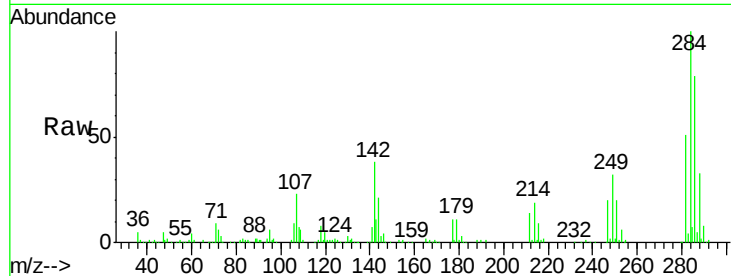


#67
Hexachlorobenzene
Concen: 40.737 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

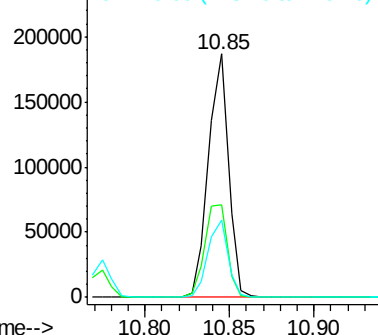
Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	37.8	34.6	52.0
249	31.8	24.8	37.2

Manual Integrations
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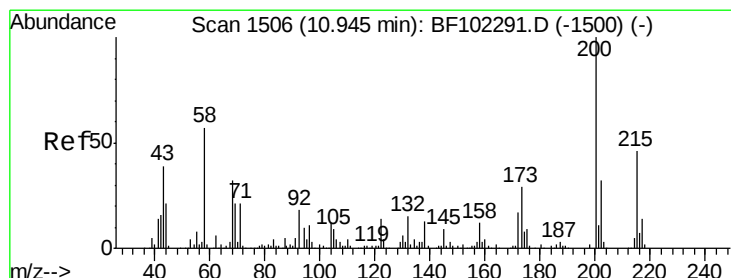
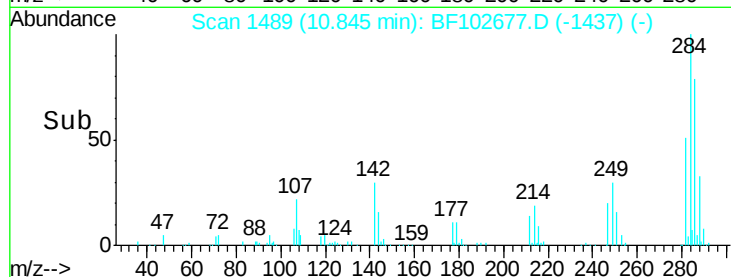


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



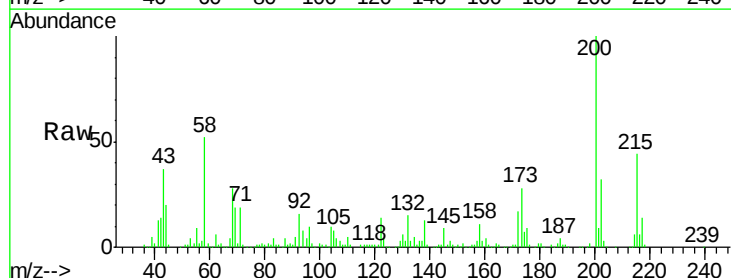
Sohil

2/1/2018 12:14:35 PM

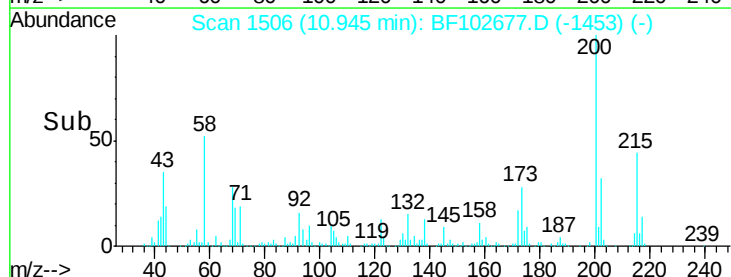
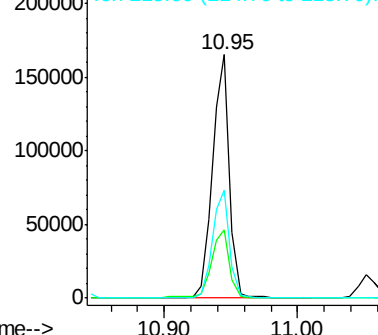


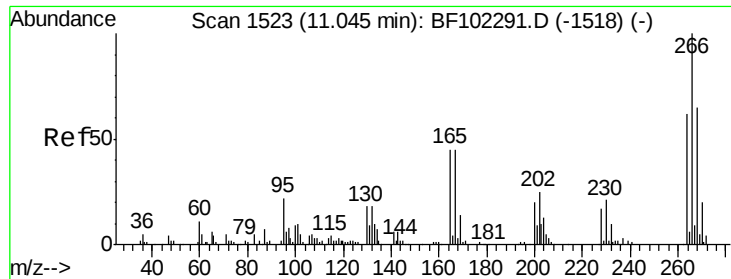
#68
Atrazine
Concen: 42.273 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.1	8.6	48.6
215	44.5	25.1	65.1



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



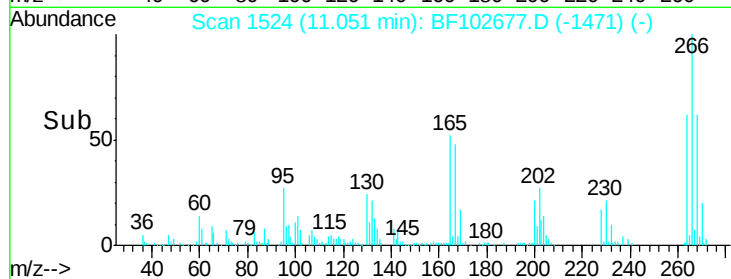
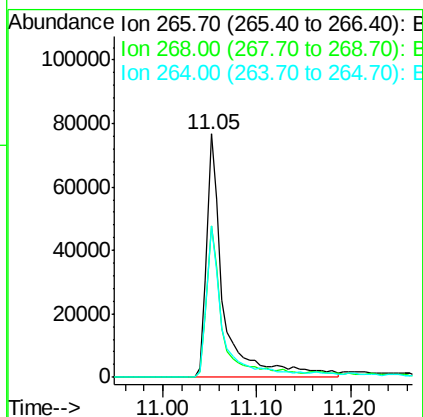
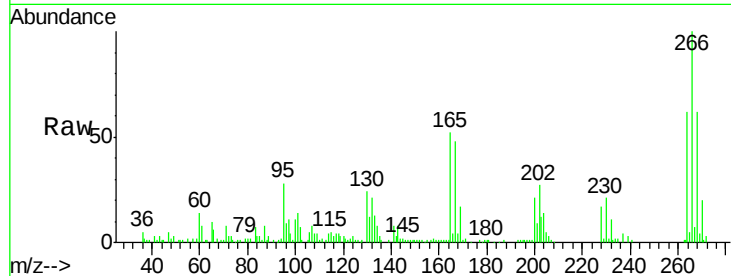


#69
 Pentachlorophenol
 Concen: 49.522 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

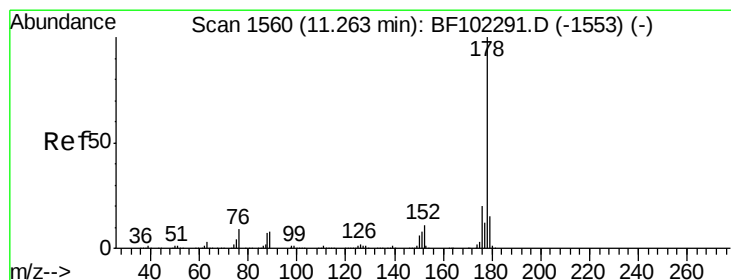
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	99054		
268	62.4	51.1	76.7	
264	62.2	49.5	74.3	

Manual Integrations
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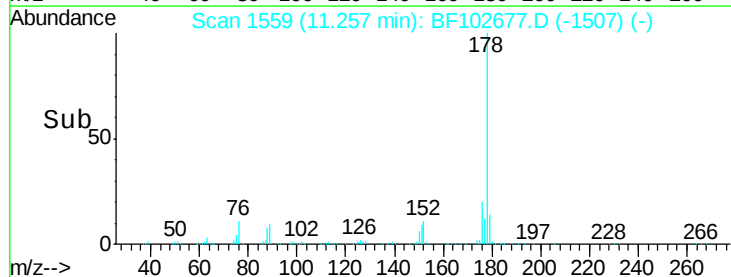
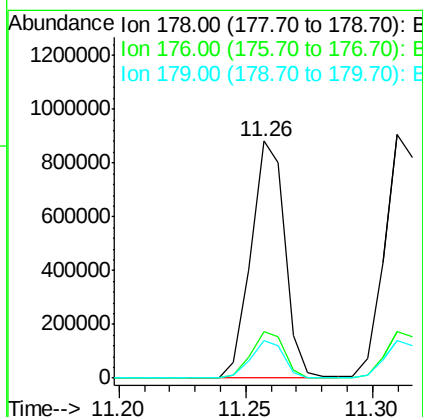
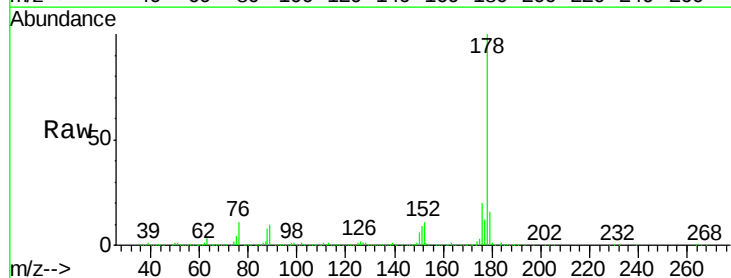
Sohil

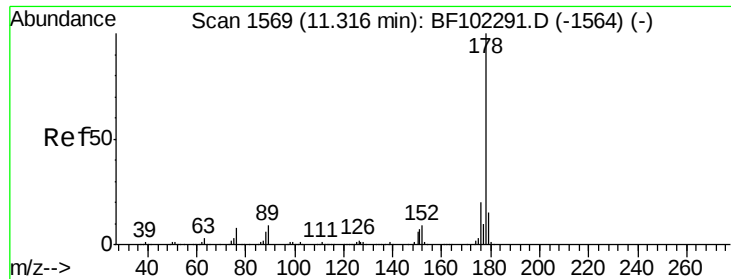
2/1/2018 12:14:35 PM



#70
 Phenanthrene
 Concen: 44.786 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	825372		
176	19.7	15.8	23.8	
179	15.9	13.0	19.6	



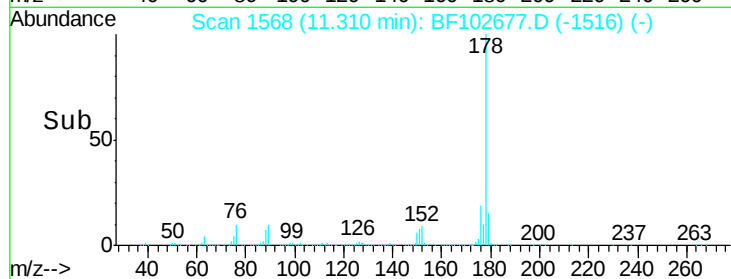
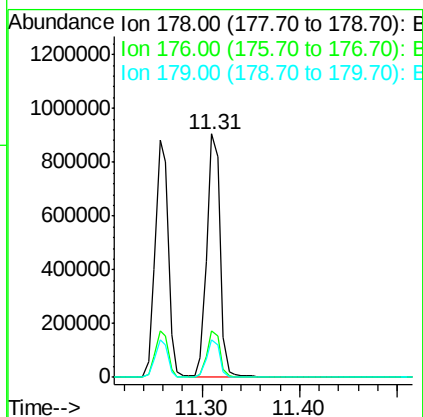
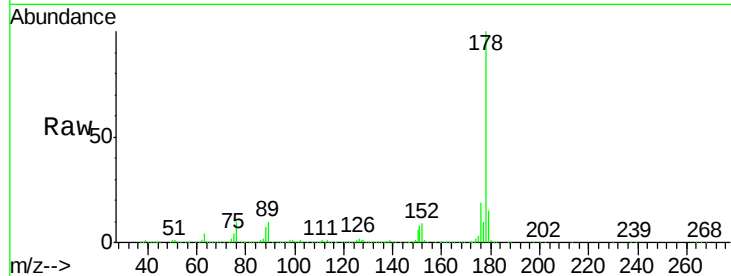


#71
 Anthracene
 Concen: 46.082 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

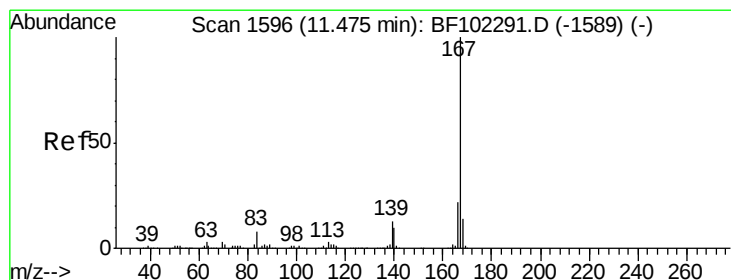
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.5	12.6	19.0

Manual Integrations
 APPROVED



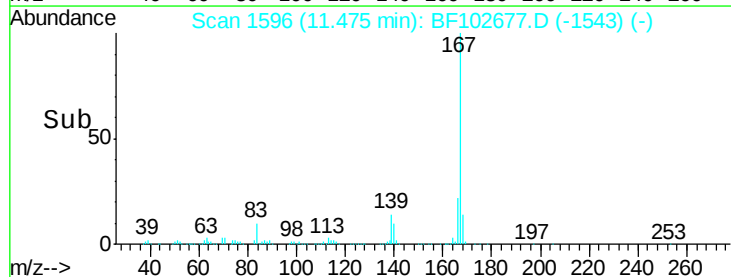
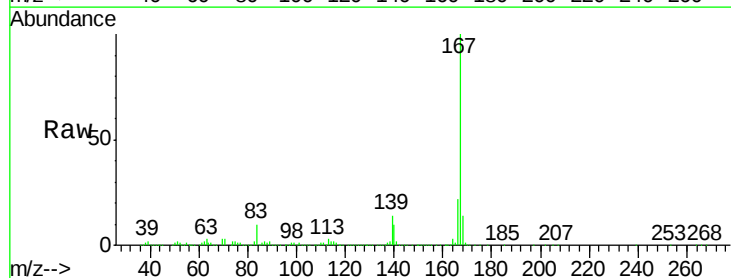
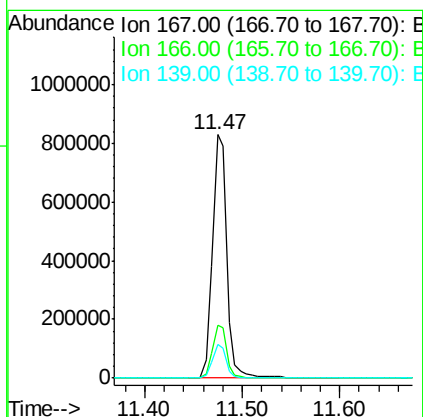
Sohil

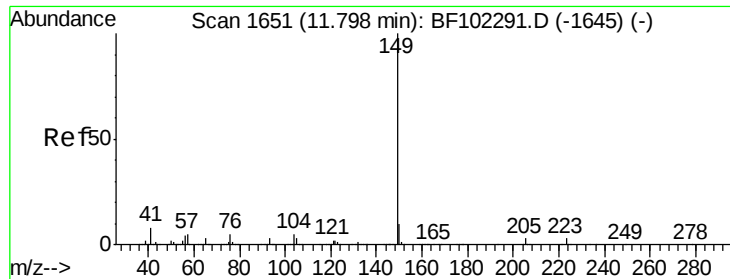
2/1/2018 12:14:35 PM



#72
 Carbazole
 Concen: 45.932 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.7	10.9	16.3



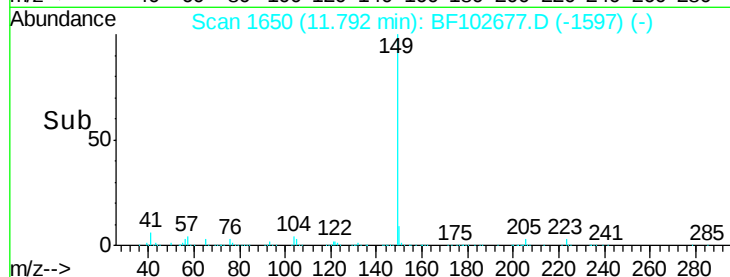
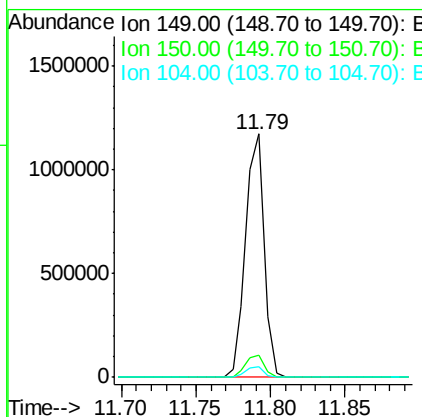
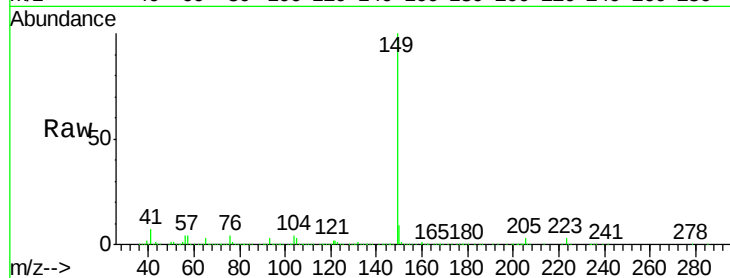


#73
Di-n-butylphthalate
Concen: 44.230 ng
RT: 11.79 min Scan# 1650
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

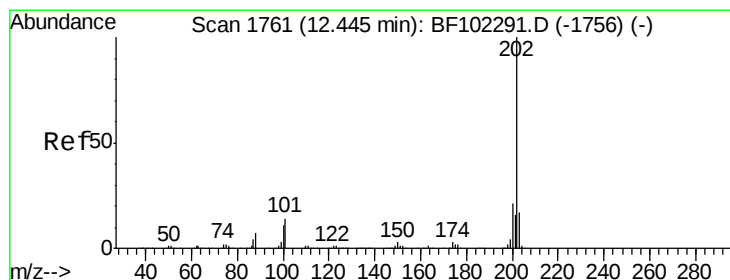
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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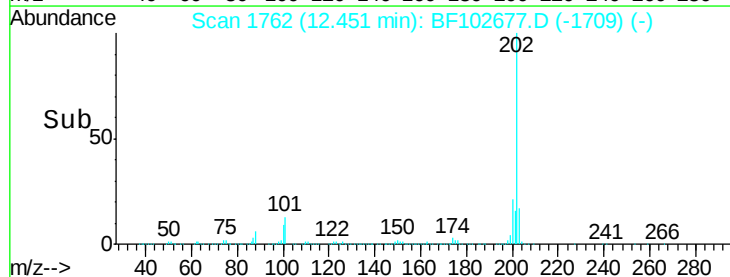
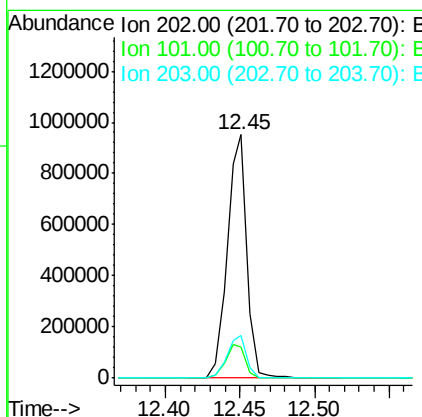
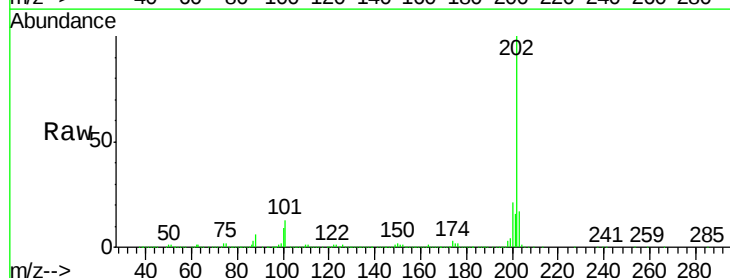
Sohil

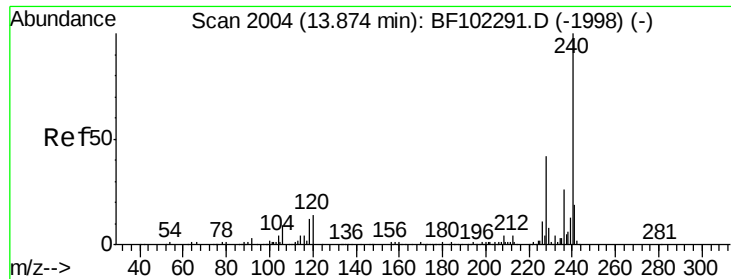
2/1/2018 12:14:35 PM



#74
Fluoranthene
Concen: 46.789 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Instrument :

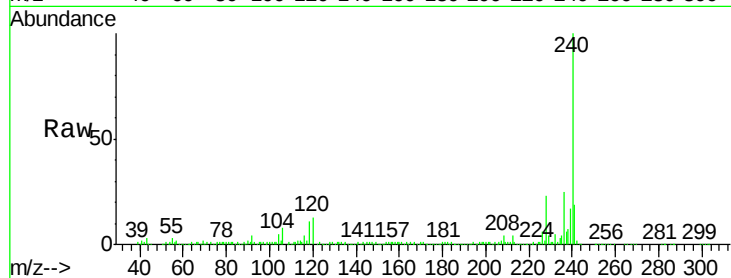
BNA_F

ClientSampleId :

BU-02-013018MS

Tgt Ion:	240	Resp:	272132
Ion Ratio		Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.4	20.7	31.1

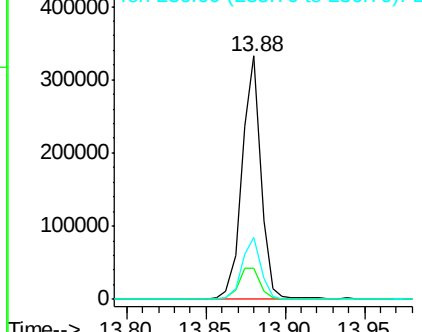
Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E

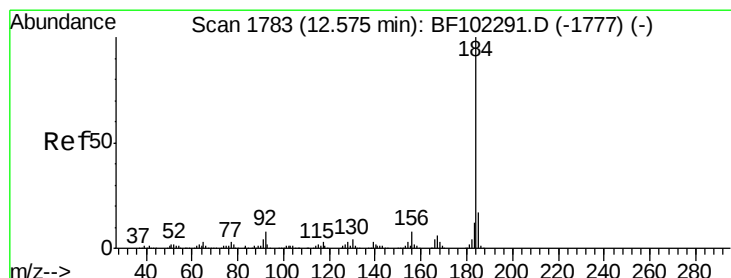
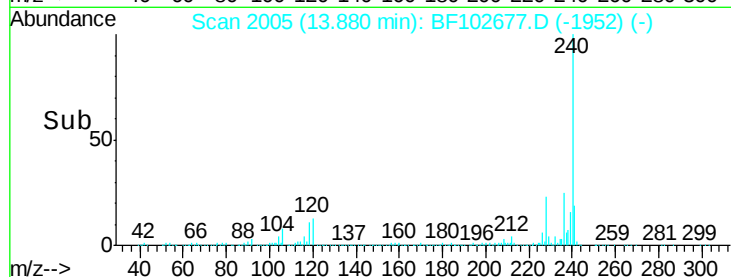
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Sohil

2/1/2018 12:14:35 PM



#76

Benzidine

Concen: 2.089 ng m

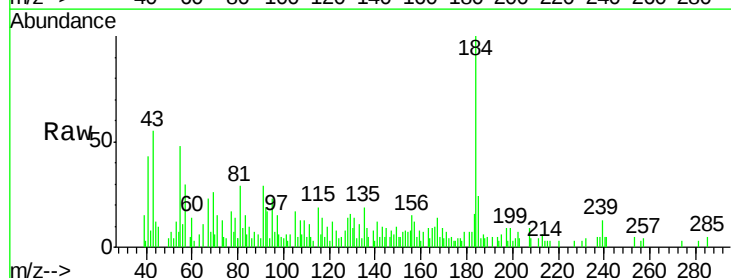
RT: 12.58 min Scan# 1784

Delta R.T. 0.02 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

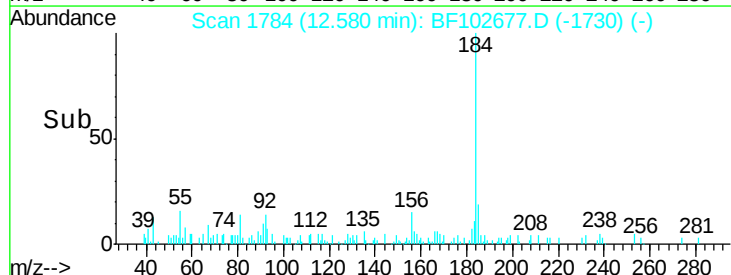
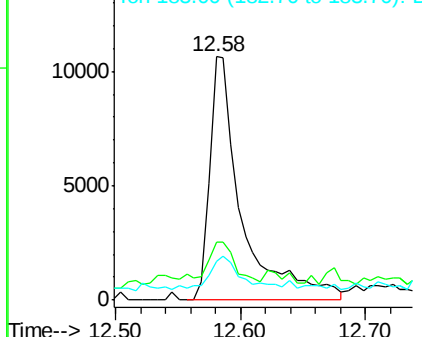
Tgt Ion:	184	Resp:	19101
Ion Ratio		Lower	Upper
184	100		
185	24.0	12.6	18.8#
183	16.0	9.3	13.9#

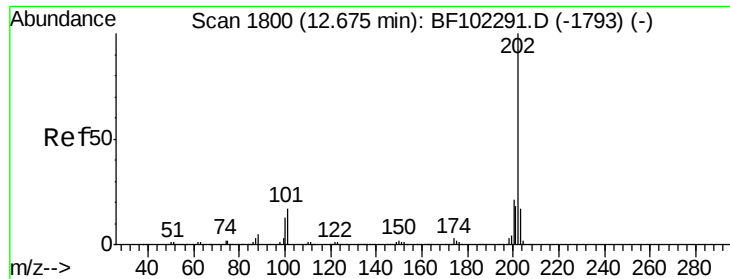


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



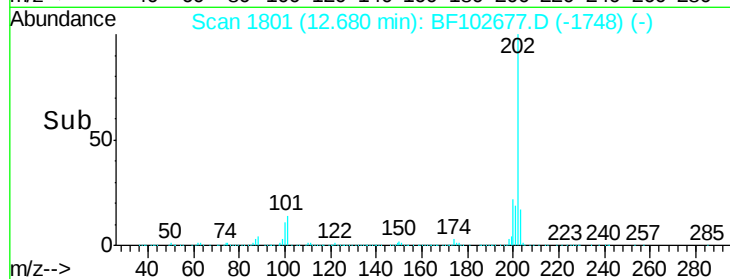
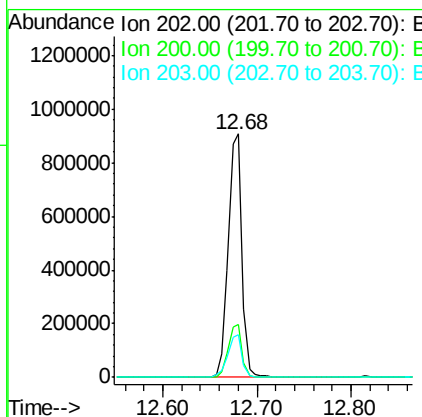
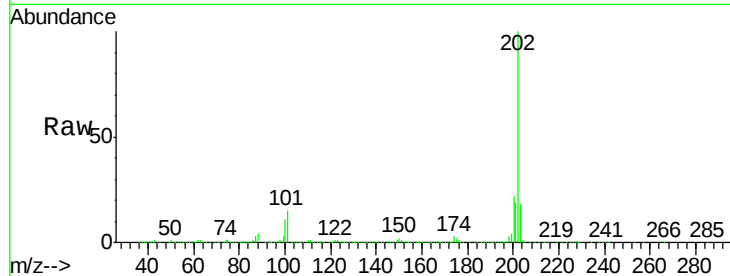


#77
 Pyrene
 Concen: 43.401 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

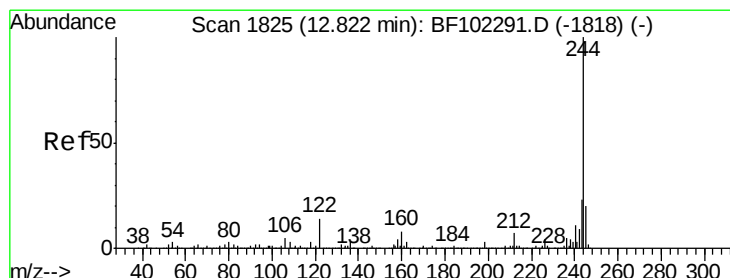
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5

Manual Integrations
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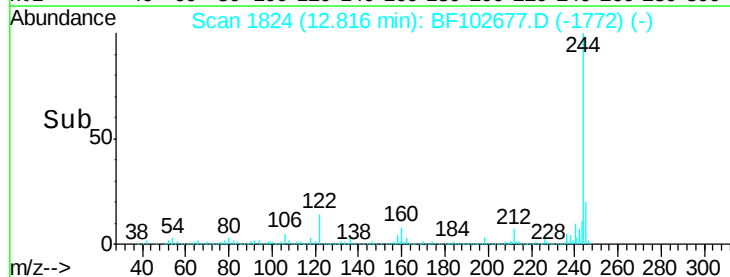
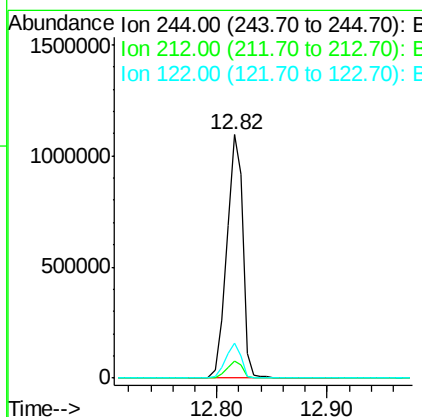
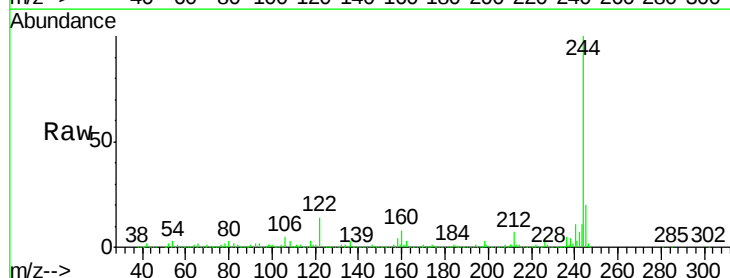
Sohil

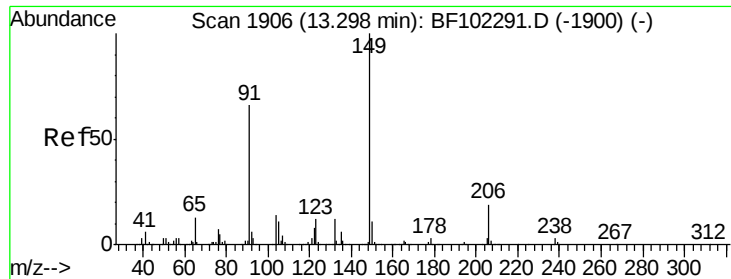
2/1/2018 12:14:35 PM



#78
 Terphenyl-d14
 Concen: 92.390 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	14.4	11.0	16.4



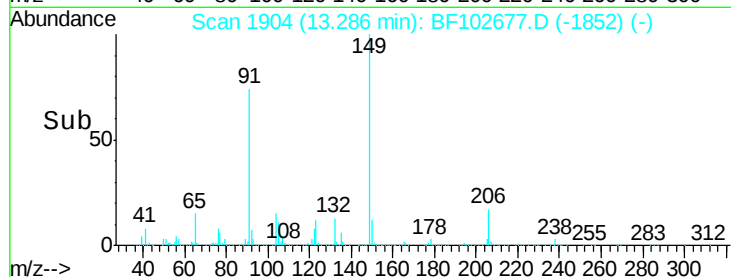
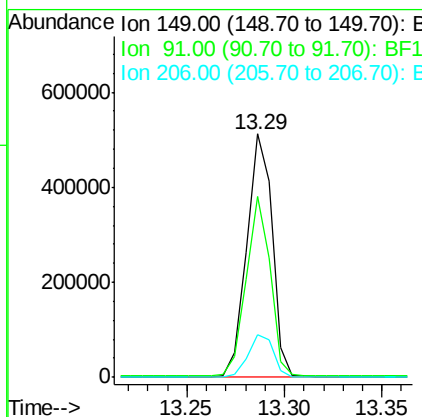
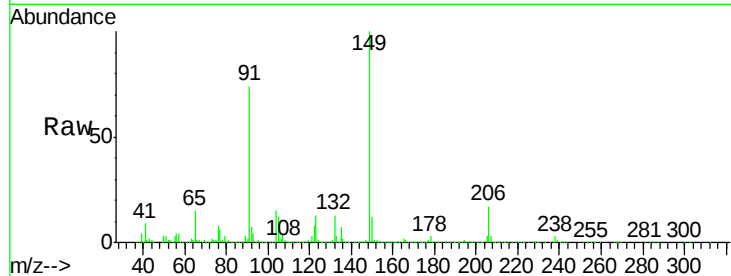


#79
Butylbenzylphthalate
Concen: 43.936 ng
RT: 13.29 min Scan# 1904
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

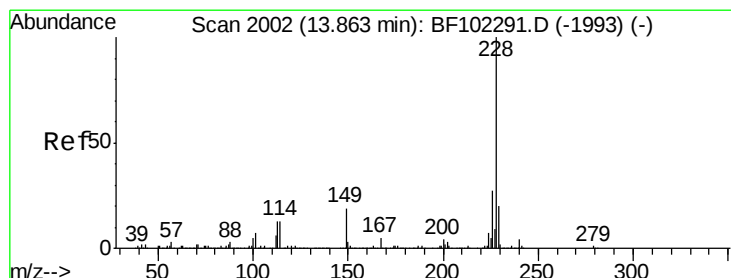
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	74.1	56.8	85.2
206	17.4	14.1	21.1

Manual Integrations
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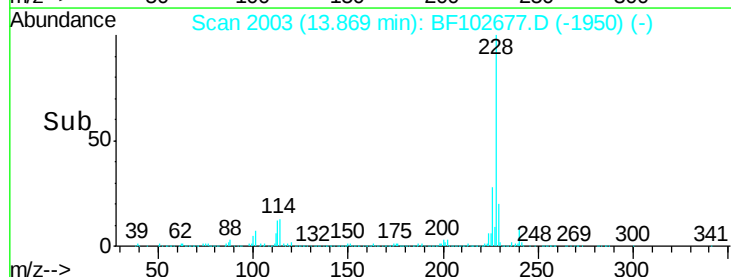
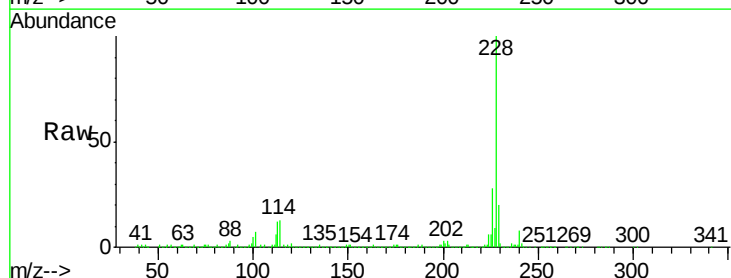
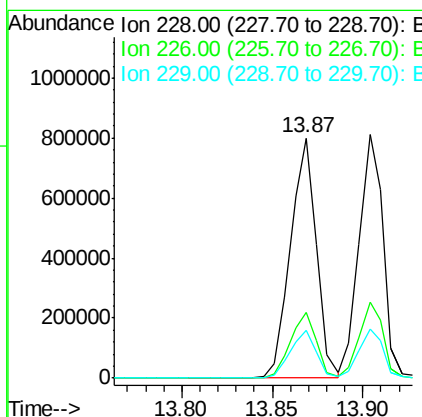
Sohil

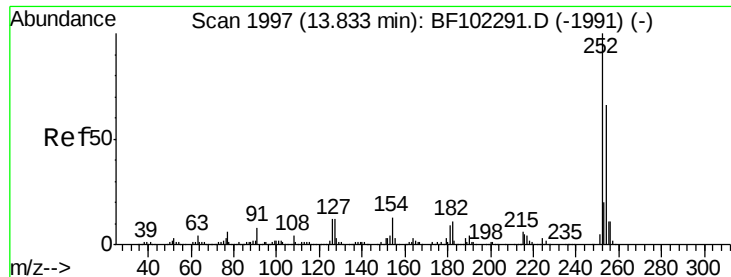
2/1/2018 12:14:35 PM



#80
Benzo(a)anthracene
Concen: 47.915 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	22.6	33.8
229	19.9	15.8	23.6



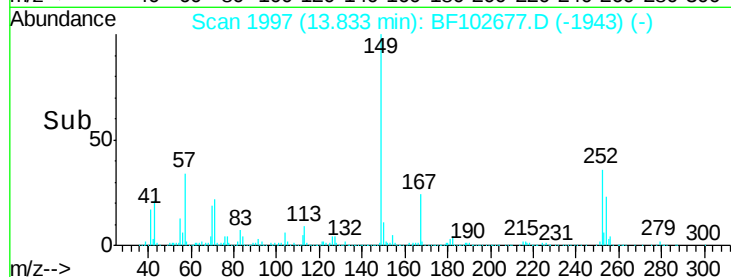
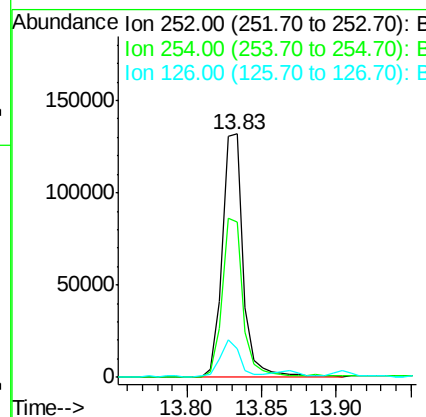
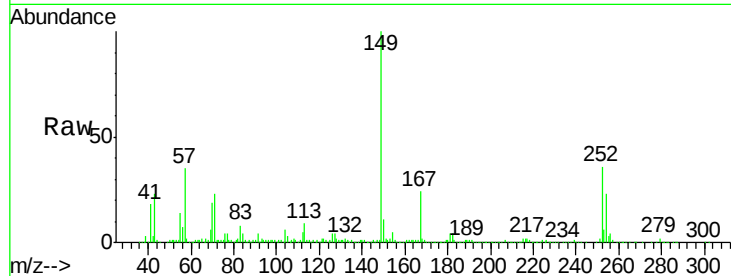


#81
 3,3'-Dichlorobenzidine
 Concen: 21.407 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.02 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

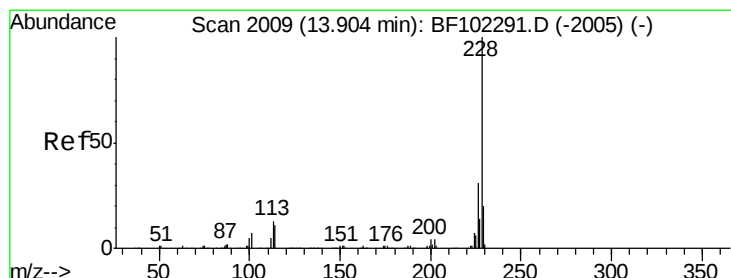
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.7	50.4	75.6
126	11.6	11.3	16.9

Manual Integrations
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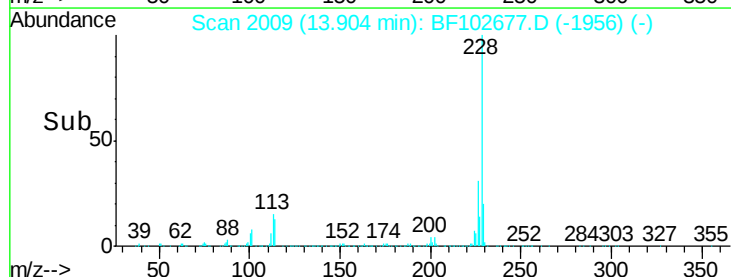
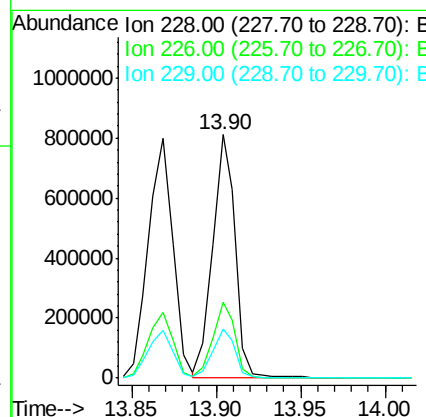
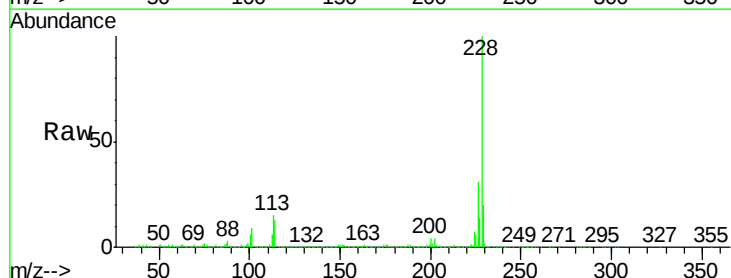
Sohil

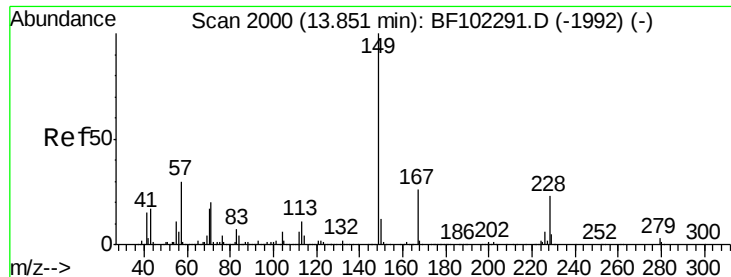
2/1/2018 12:14:35 PM



#82
 Chrysene
 Concen: 44.264 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	25.0	37.6
229	20.3	16.2	24.4



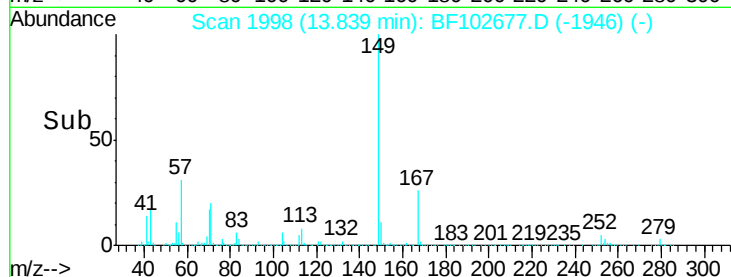
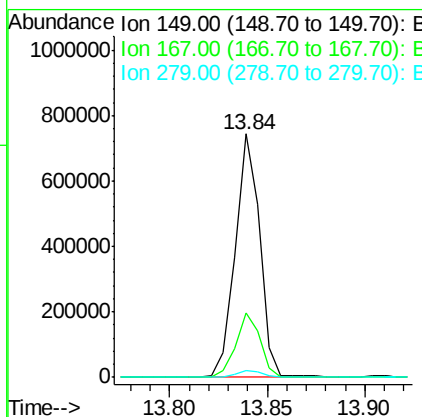
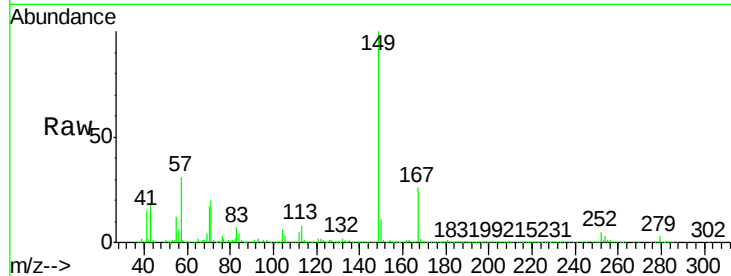


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.614 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

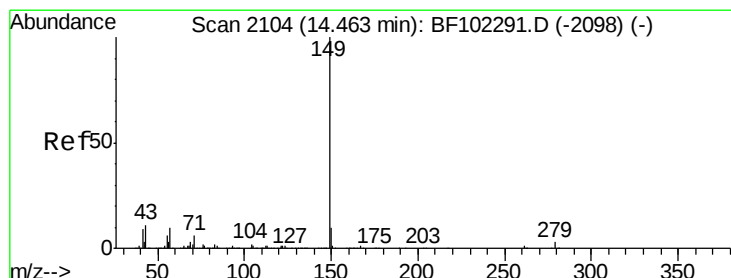
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	2.7	3.0	4.4

Manual Integrations
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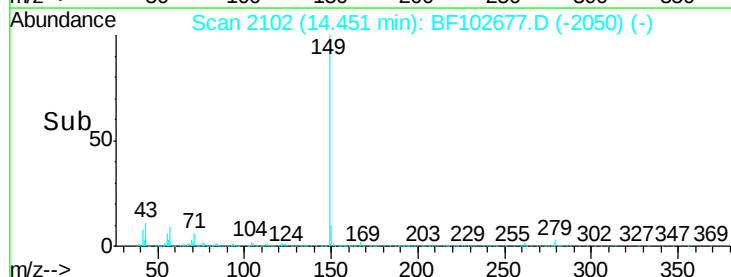
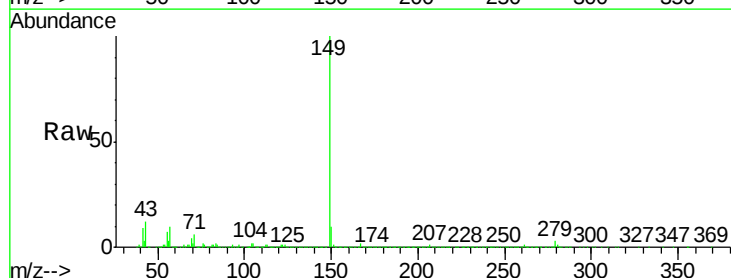
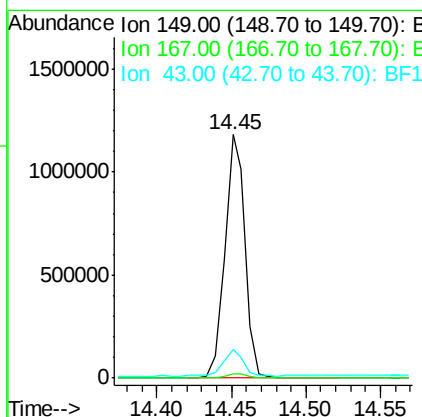
Sohil

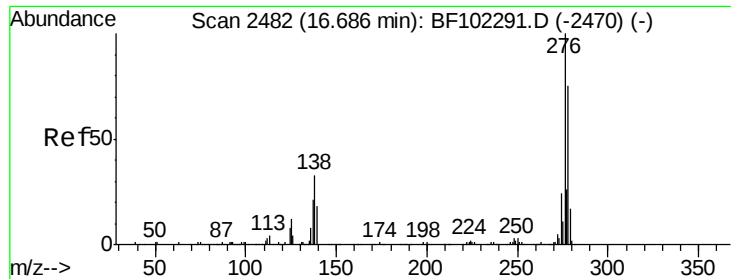
2/1/2018 12:14:35 PM



#84
 Di-n-octyl phthalate
 Concen: 48.623 ng
 RT: 14.45 min Scan# 2102
 Delta R.T. 0.01 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.5	8.4	12.6



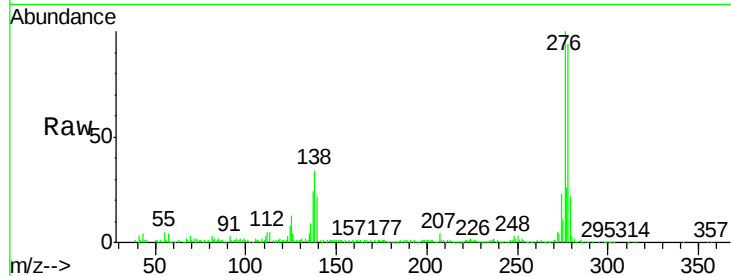


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.830 ng
 RT: 16.72 min Scan# 2487
 Delta R.T. 0.03 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

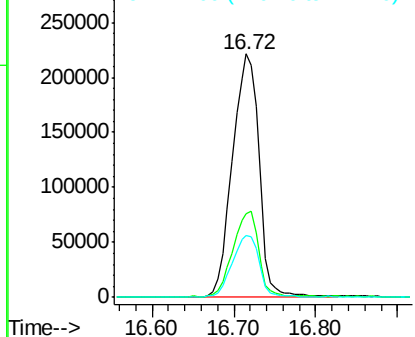
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-013018MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.2	25.0	37.6
277	26.0	20.1	30.1

Manual Integrations
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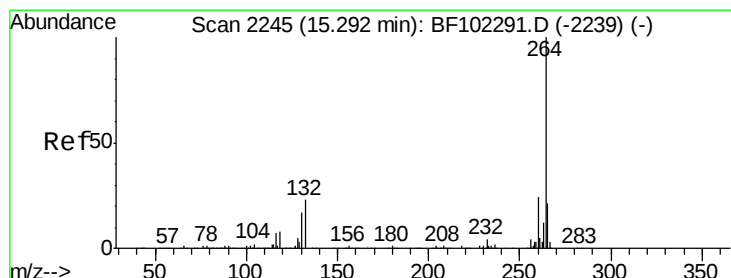
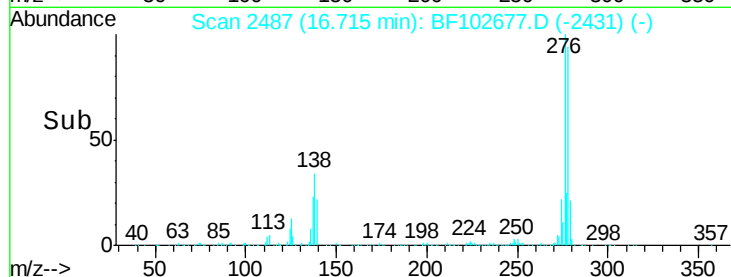


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



Sohil

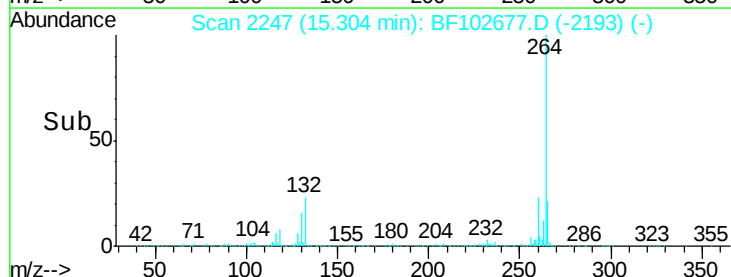
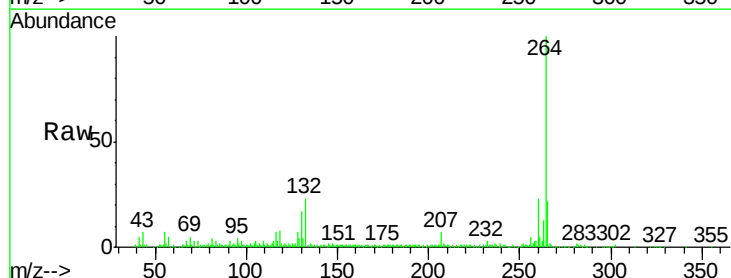
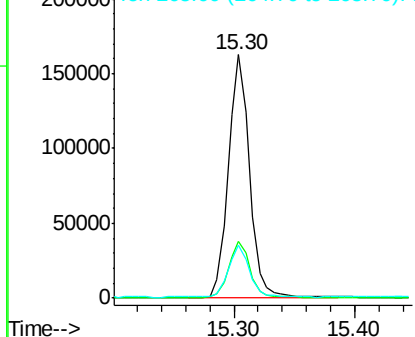
2/1/2018 12:14:35 PM

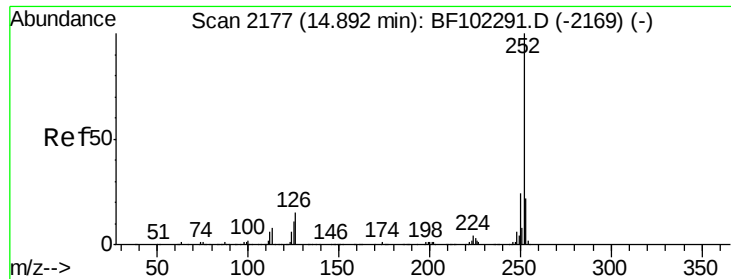


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.02 min
 Lab File: BF102677.D
 Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.5	26.3

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





#87

Benzo(b)fluoranthene

Concen: 47.846 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.02 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Instrument :

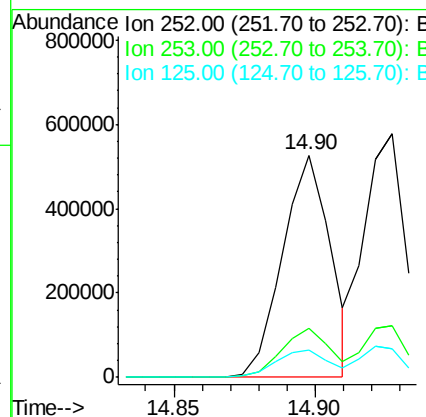
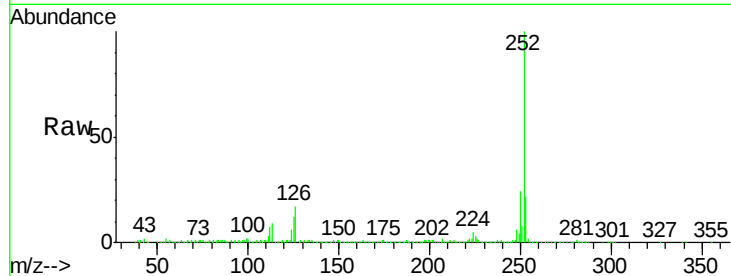
BNA_F

ClientSampleId :

BU-02-013018MS

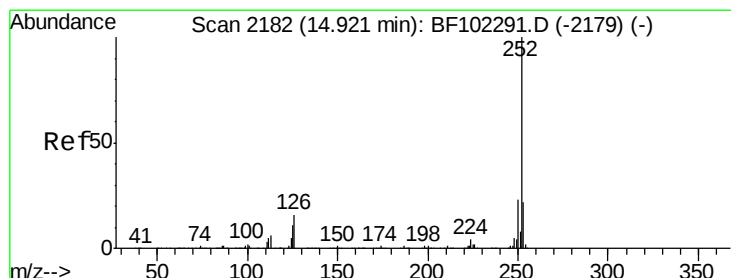
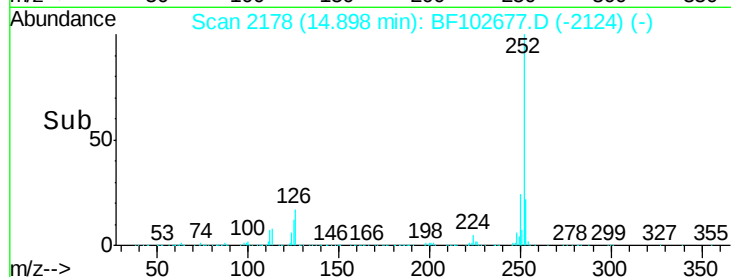
Tgt Ion:	252	Resp:	619691
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	12.3	9.0	13.6

Manual Integrations
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Sohil

2/1/2018 12:14:35 PM



#88

Benzo(k)fluoranthene

Concen: 48.616 ng

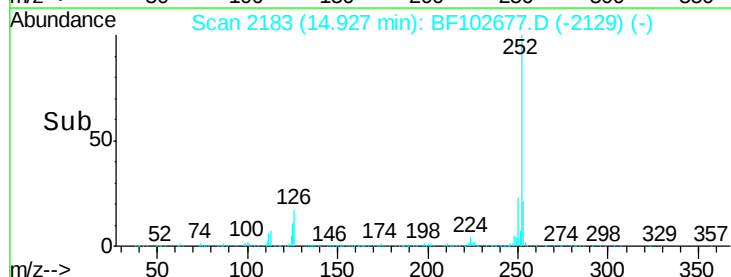
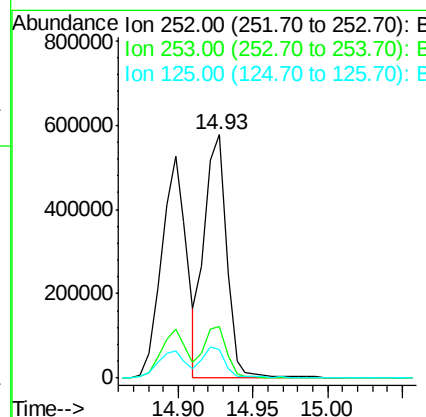
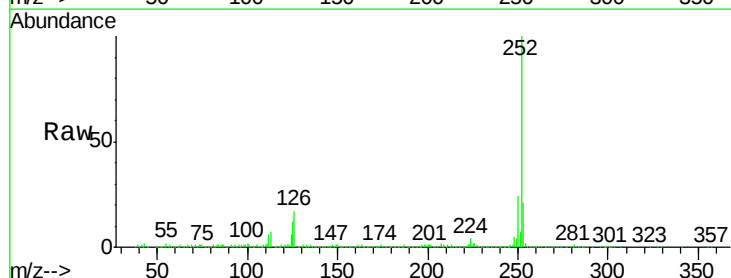
RT: 14.93 min Scan# 2183

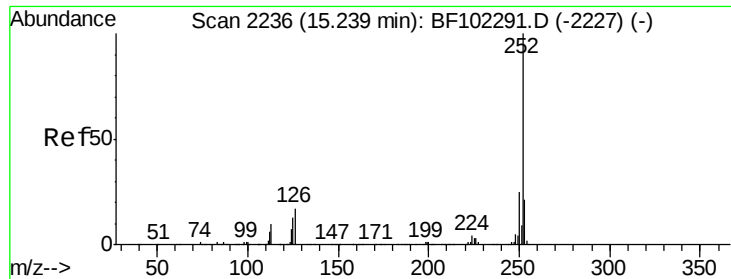
Delta R.T. 0.02 min

Lab File: BF102677.D

Acq: 1 Feb 2018 1:29

Tgt Ion:	252	Resp:	594901
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.9	26.9
125	11.5	10.2	15.2



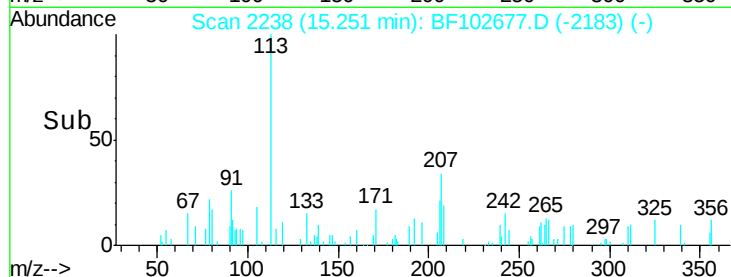
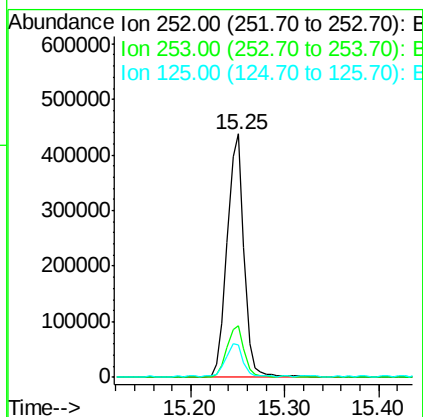
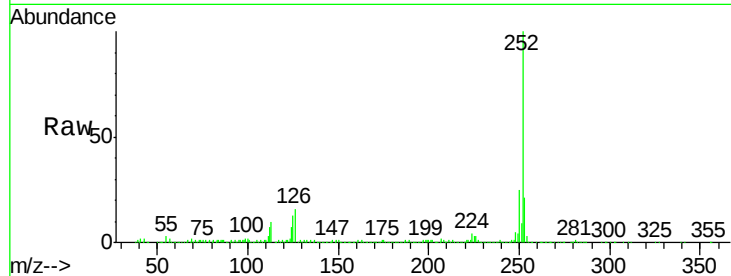


#89
Benzo(a)pyrene
Concen: 46.845 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Instrument :
BNA_F
ClientSampleId :
BU-02-013018MS

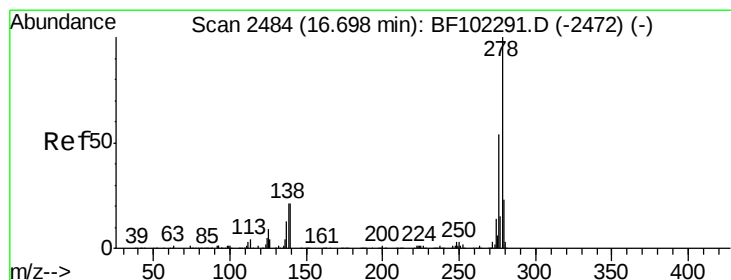
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	13.1	9.8	14.6

Manual Integrations
APPROVED



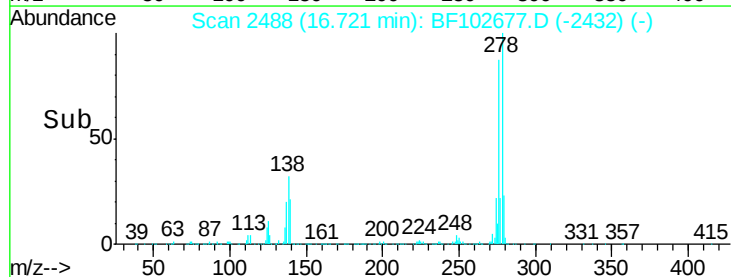
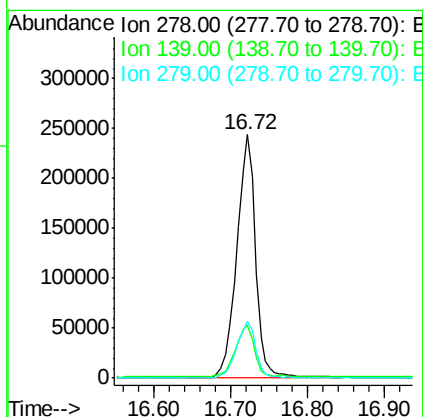
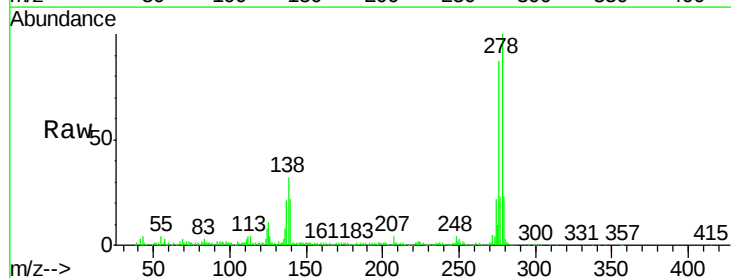
Sohil

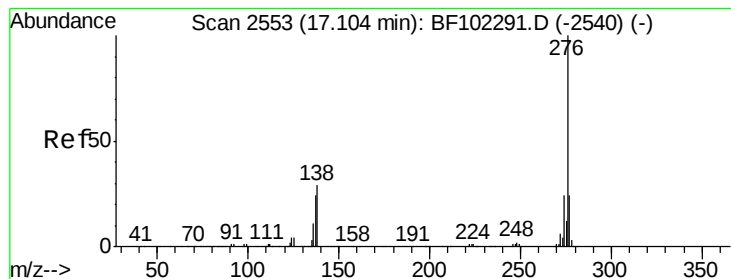
2/1/2018 12:14:35 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.624 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.03 min
Lab File: BF102677.D
Acq: 1 Feb 2018 1:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	15.9	23.9
279	23.4	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 44.254 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.04 min

Lab File: BF102677.D

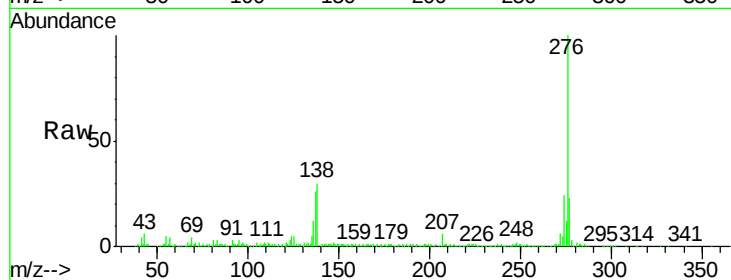
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Instrument :

BNA_F

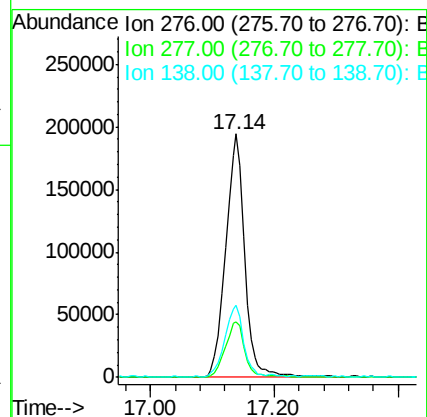
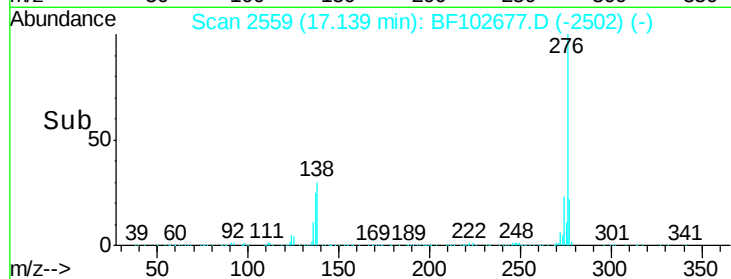
ClientSampleId :

BU-02-013018MS



Tgt Ion:	276	Resp:	413462
Ion Ratio		Lower	Upper
276	100		
277	22.5	17.9	26.9
138	29.8	21.8	32.8

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Sohil

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