

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102890.D
 Acq On : 9 Feb 2018 15:54
 Operator : SJ/JU
 Sample : J1506-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-21(2-4)MS

Manual Integrations
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Sohil
 2/13/2018 4:36:31 AM

Quant Time: Feb 09 22:13:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	181511	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	773690	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	315406	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	458904	20.00	ng	0.00
75) Chrysene-d12	14.06	240	314999	20.00	ng	0.01
86) Perylene-d12	15.54	264	327041	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1455807	121.80	ng	0.02
7) Phenol-d6	6.52	99	1704858	118.47	ng	0.02
23) Nitrobenzene-d5	7.46	82	1092184	97.93	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	281724	110.97	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1582775	83.27	ng	0.00
78) Terphenyl-d14	13.00	244	1088359	81.81	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.70	88	222062	37.616 ng	89
3) Pyridine	3.49	79	622338	38.157 ng	94
4) n-Nitrosodimethylamine	3.43	42	348164	49.892 ng	91
6) Aniline	6.55	93	452329	21.284 ng	95
8) 2-Chlorophenol	6.67	128	494525	40.190 ng	94
9) Benzaldehyde	6.43	77	149803	14.017 ng	99
10) Phenol	6.53	94	655893	42.528 ng	93
11) bis(2-Chloroethyl)ether	6.62	93	509914	39.734 ng	90
12) 1,3-Dichlorobenzene	6.83	146	513940	36.068 ng	97
13) 1,4-Dichlorobenzene	6.90	146	519553	36.604 ng	99
14) 1,2-Dichlorobenzene	7.06	146	478103	36.164 ng	98
15) Benzyl Alcohol	7.03	79	454554	41.083 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	904146	37.088 ng	98
17) 2-Methylphenol	7.14	107	432300	38.088 ng	98
18) Hexachloroethane	7.40	117	178579	36.689 ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	346010	36.467 ng	91
20) 3+4-Methylphenols	7.29	107	496850	35.498 ng	# 74
22) Acetophenone	7.30	105	668959	35.333 ng	# 93
24) Nitrobenzene	7.47	77	549611	41.889 ng	97
25) Isophorone	7.71	82	1023998	39.873 ng	100
26) 2-Nitrophenol	7.79	139	264182	48.833 ng	97
27) 2,4-Dimethylphenol	7.82	122	470508	43.365 ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	642097	42.206 ng	98
29) 2,4-Dichlorophenol	8.03	162	394105	39.957 ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	404156	36.221 ng	99
31) Naphthalene	8.19	128	1446179	38.258 ng	99
32) Benzoic acid	7.87	122	18263m	10.829 ng	
33) 4-Chloroaniline	8.24	127	240129	14.746 ng	97
34) Hexachlorobutadiene	8.30	225	202202	35.364 ng	99
35) Caprolactam	8.61	113	145037m	42.342 ng	
36) 4-Chloro-3-methylphenol	8.72	107	457008	41.238 ng	99
37) 2-Methylnaphthalene	8.89	142	921442	37.232 ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	344645	40.131 ng	99
40) Hexachlorocyclopentadiene	9.03	237	80730	19.775 ng	97

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 B-21(2-4)MS

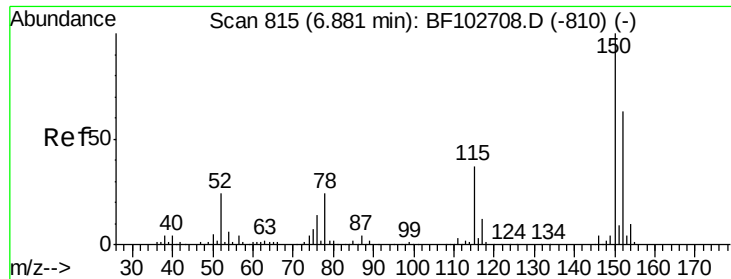
Manual Integrations
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Quant Time: Feb 09 22:13:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	244782	43.395	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	254227	39.987	nq	96
45) 1,1'-Biphenyl	9.35	154	1030928	38.807	nq	97
46) 2-Chloronaphthalene	9.37	162	805748	38.526	nq	100
47) 2-Nitroaniline	9.47	65	327220	50.507	nq	85
48) Acenaphthylene	9.79	152	1205100	37.099	nq	99
49) Dimethylphthalate	9.65	163	1114539	45.320	nq	99
50) 2,6-Dinitrotoluene	9.71	165	208387	44.538	nq	# 87
51) Acenaphthene	9.96	154	713507	36.729	nq	99
52) 3-Nitroaniline	9.88	138	197198	34.253	nq	99
53) 2,4-Dinitrophenol	9.99	184	3970	12.538	nq	# 33
54) Dibenzofuran	10.13	168	1056672	38.597	nq	96
55) 4-Nitrophenol	10.04	139	283971	61.027	nq	90
56) 2,4-Dinitrotoluene	10.12	165	254610	41.051	nq	93
57) Fluorene	10.48	166	770710	38.693	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	167964	38.118	nq	# 96
59) Diethylphthalate	10.35	149	925967	38.132	nq	99
60) 4-Chlorophenyl-phenylether	10.47	204	347584	39.447	nq	96
61) 4-Nitroaniline	10.49	138	209721	38.271	nq	98
62) Azobenzene	10.63	77	937795	38.658	nq	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	13837	15.361	nq	89
65) n-Nitrosodiphenylamine	10.59	169	699413	43.209	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	202228	41.659	nq	96
67) Hexachlorobenzene	11.03	284	198687	37.101	nq	94
68) Atrazine	11.11	200	205301	42.992	nq	97
69) Pentachlorophenol	11.22	266	165084	52.514	nq	97
70) Phenanthrene	11.45	178	1309033	51.218	nq	99
71) Anthracene	11.49	178	1037518	39.912	nq	100
72) Carbazole	11.65	167	945380	37.122	nq	99
73) Di-n-butylphthalate	11.97	149	1287371	41.615	nq	100
74) Fluoranthene	12.63	202	1296044	50.402	nq	99
76) Benzidine	12.75	184	501166	34.617	nq	98
77) Pyrene	12.86	202	1235543	50.020	nq	100
79) Butylbenzylphthalate	13.47	149	479851	40.770	nq	95
80) Benzo(a)anthracene	14.05	228	988917	49.919	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	270861	36.876	nq	97
82) Chrysene	14.09	228	905119	45.324	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	697005	46.063	nq	100
84) Di-n-octyl phthalate	14.64	149	1192596	52.490	nq	97
85) Indeno(1,2,3-cd)pyrene	17.06	276	734356	44.338	nq	98
87) Benzo(b)fluoranthene	15.11	252	1064341	50.197	nq	96
88) Benzo(k)fluoranthene	15.14	252	792347	39.110	nq	99
89) Benzo(a)pyrene	15.49	252	878995	46.056	nq	97
90) Dibenzo(a,h)anthracene	17.07	278	564262	36.425	nq	99
91) Benzo(g,h,i)perylene	17.52	276	590575	38.950	nq	99

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



#1

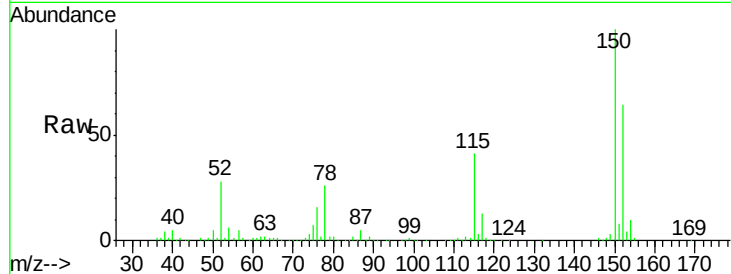
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

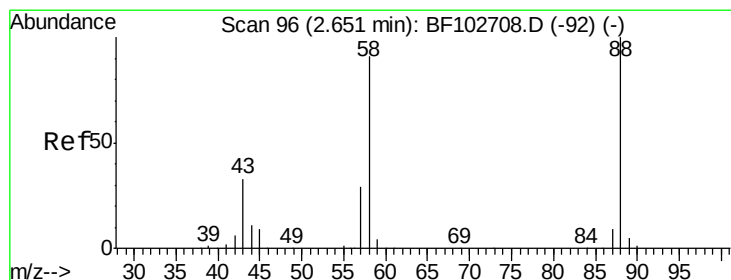
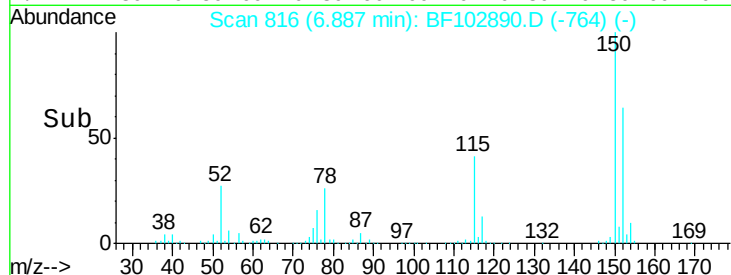
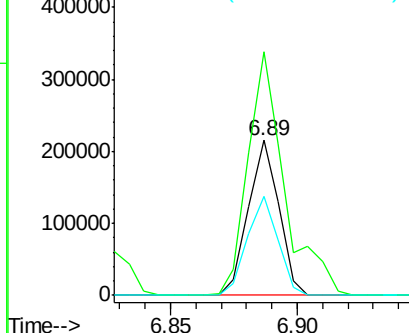
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	64.2	50.1	75.1

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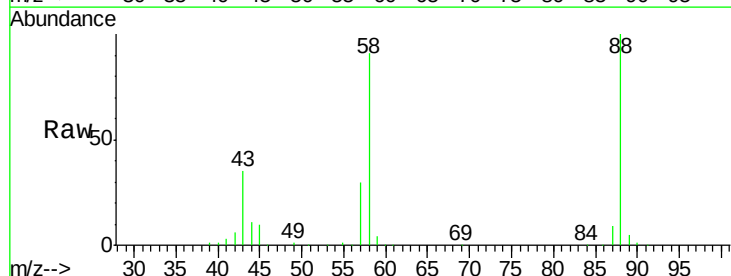
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



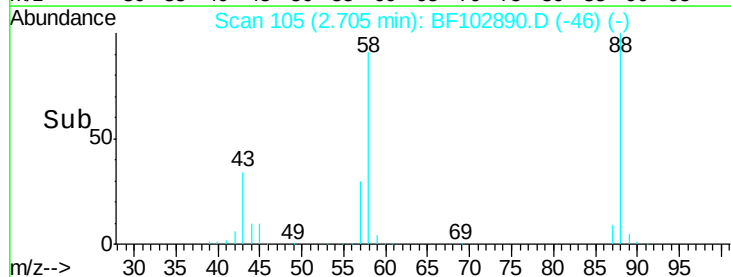
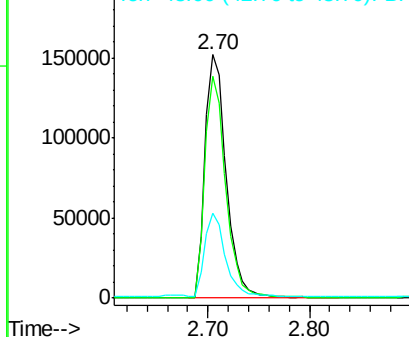
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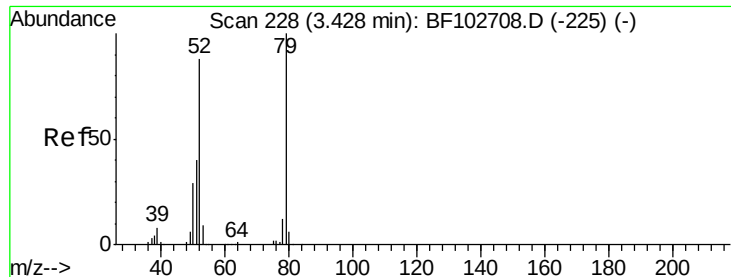
1,4-Dioxane
Concen: 37.616 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.3	62.6	93.8
43	33.5	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





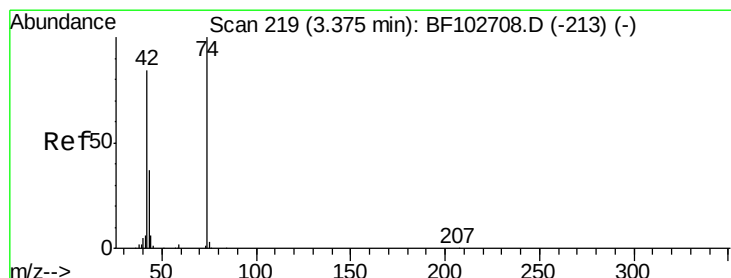
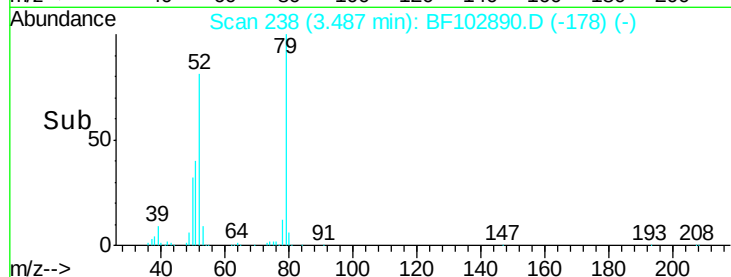
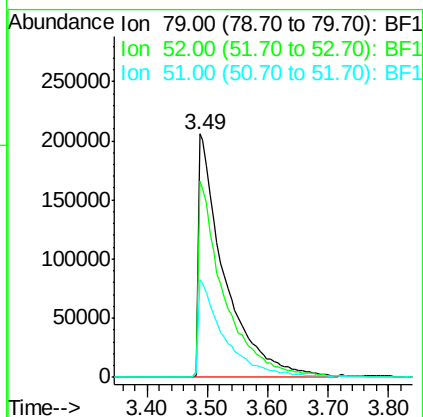
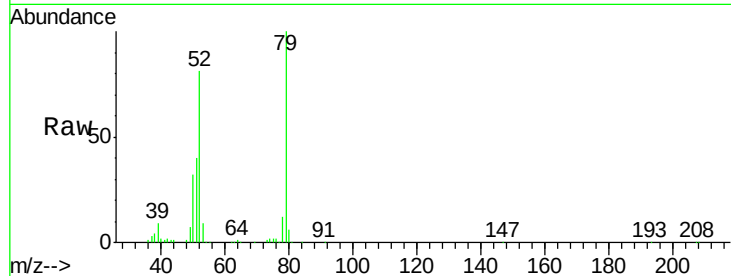
#3
 Pvrindine
 Concen: 38.157 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.05 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Instrument :
 BNA_F
 ClientSampled :
 B-21(2-4)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.5	59.8	89.6
51	40.1	29.8	44.8

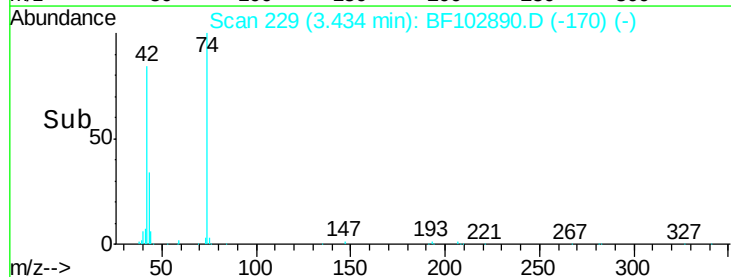
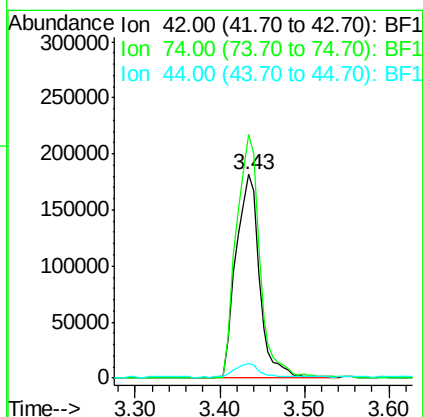
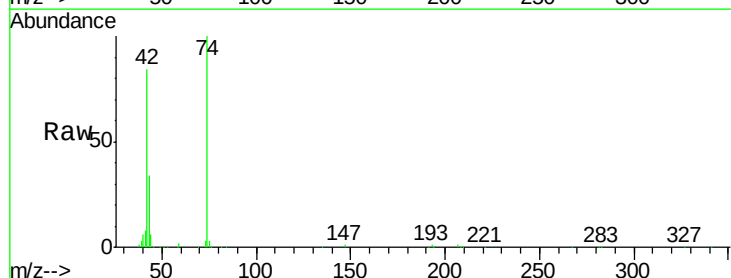
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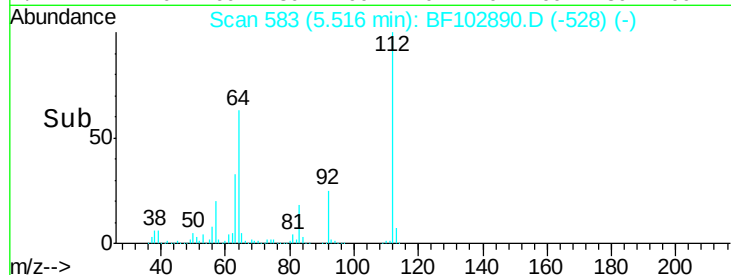
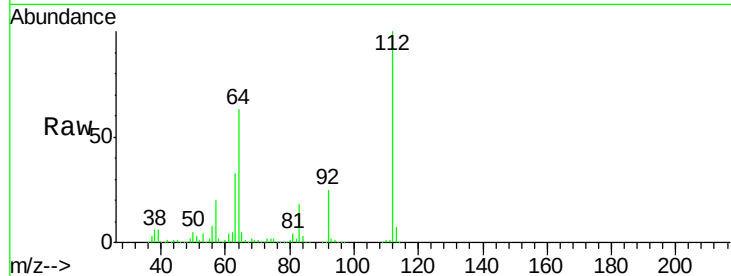
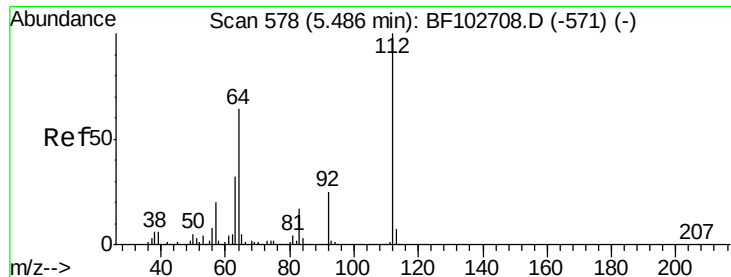
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#4
 n-Nitrosodimethylamine
 Concen: 49.892 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.05 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.6	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 121.805 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tot Ion:	112	Resp:	1455807
Ion	Ratio	Lower	Upper
112	100		
64	62.8	47.9	71.9
63	32.5	23.7	35.5

Instrument :

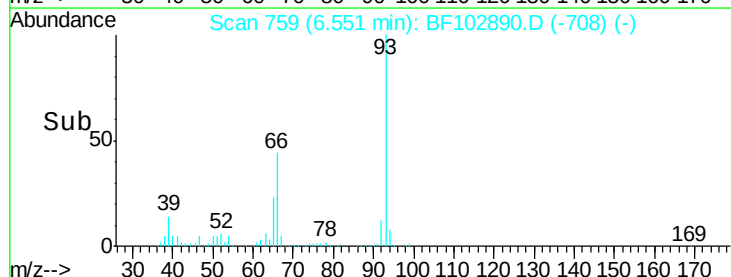
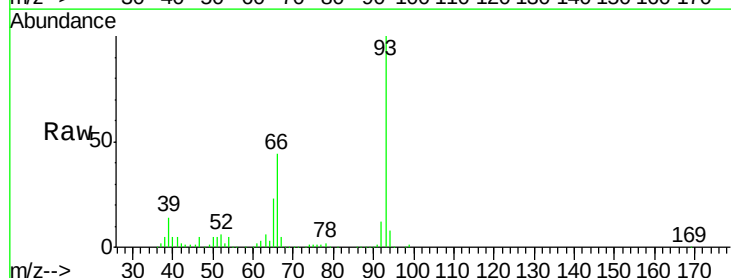
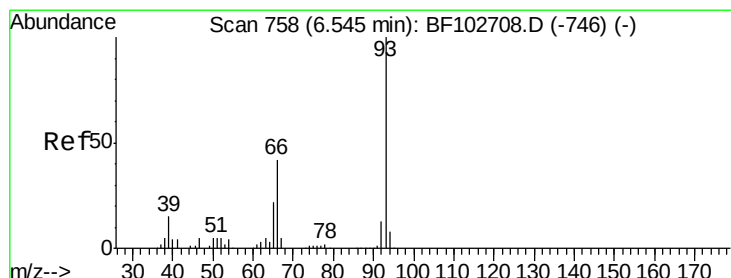
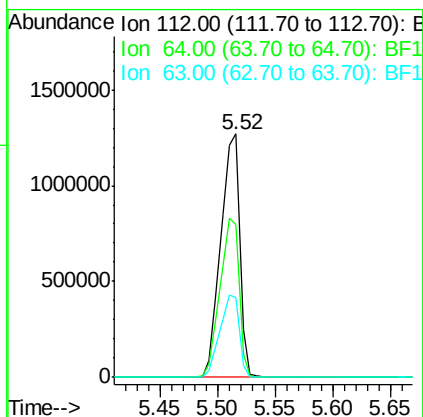
BNA_F

ClientSampleId :

B-21(2-4)MS

Manual Integrations
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#6

Aniline

Concen: 21.284 ng

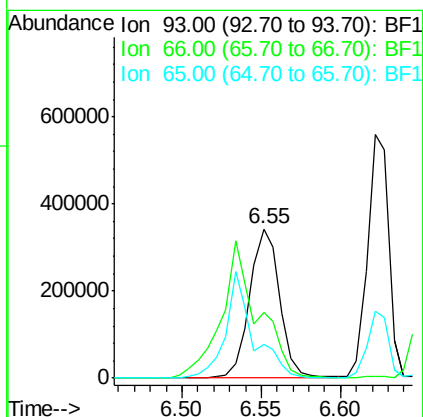
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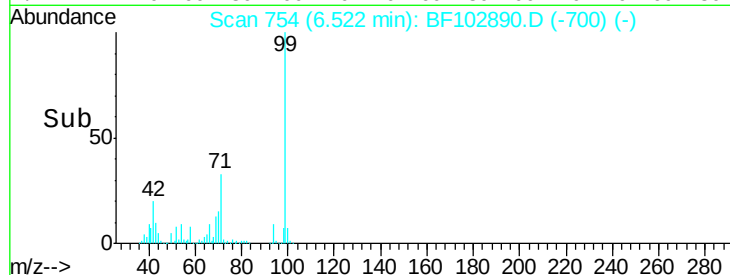
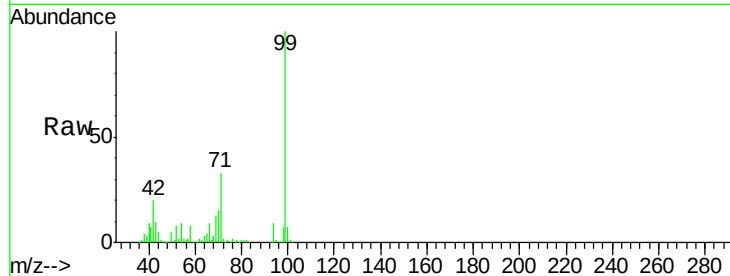
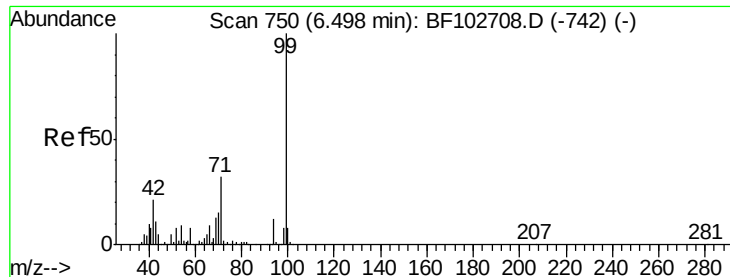
Delta R.T. 0.00 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tgt Ion:	93	Resp:	452329
Ion	Ratio	Lower	Upper
93	100		
66	43.7	32.2	48.2
65	22.6	16.4	24.6





#7

Phenol-d6

Concen: 118.467 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tot Ion: 99 Resp: 1704858

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 32.9 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

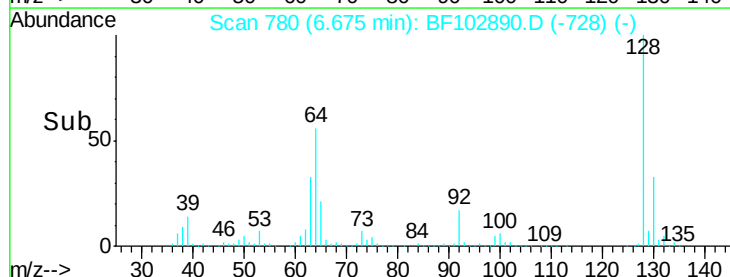
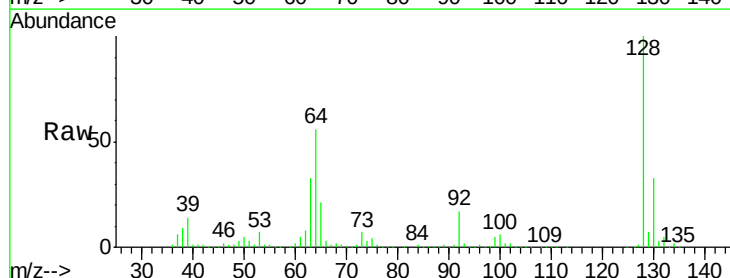
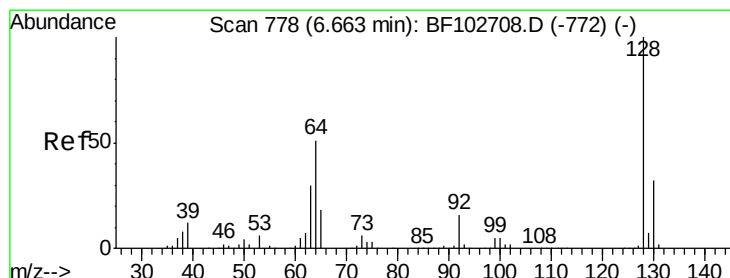
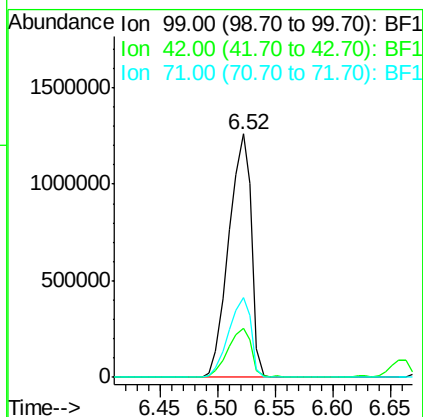
B-21(2-4)MS

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#8

2-Chlorophenol

Concen: 40.190 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

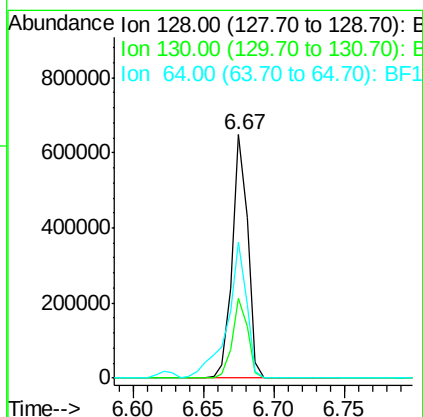
Tgt Ion: 128 Resp: 494525

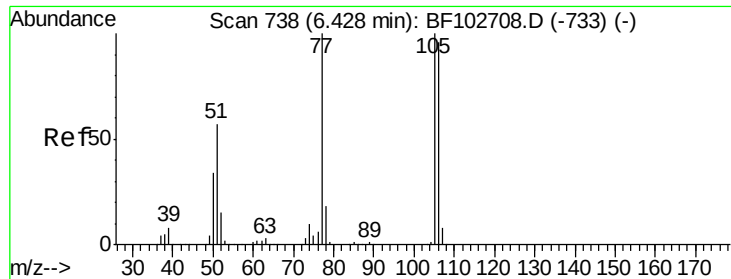
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 56.0 29.4 69.4





#9

Benzaldehyde

Concen: 14.017 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

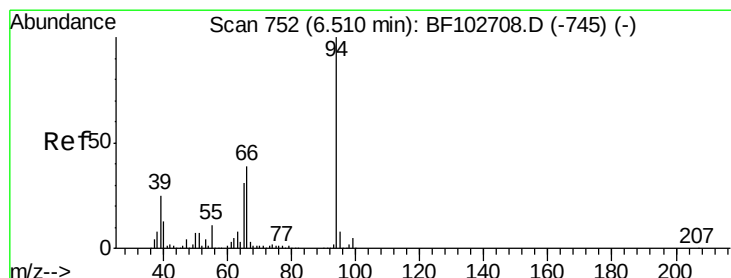
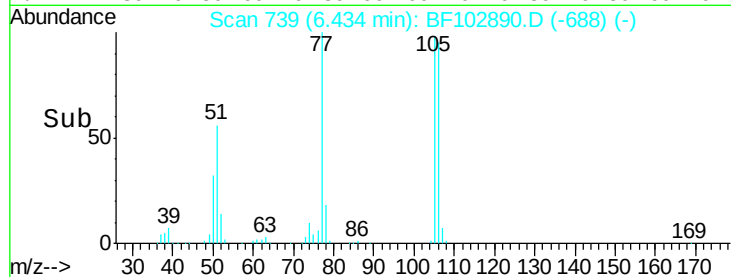
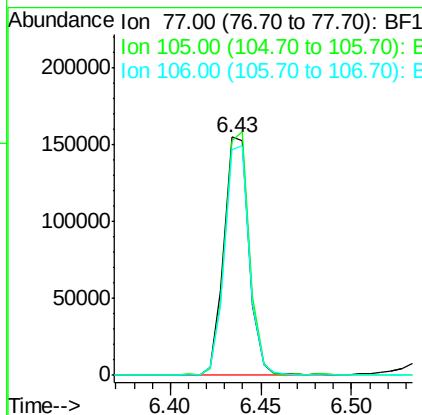
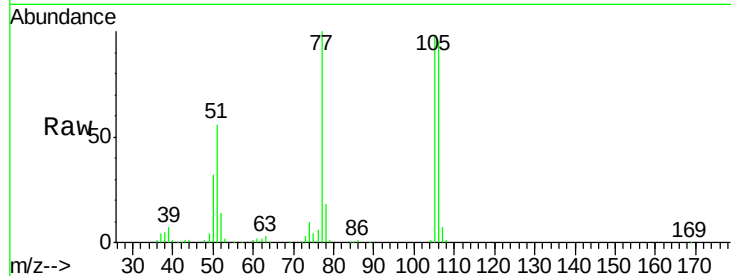
ClientSampleId :

B-21(2-4)MS

Tot Ion:	77	Resp:	149803
Ion Ratio	Lower	Upper	
77	100		
105	98.4	81.1	121.1
106	94.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 42.528 ng

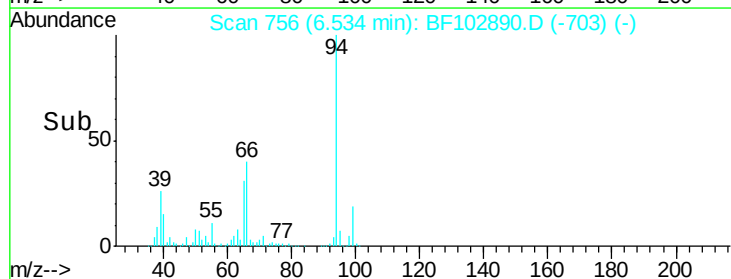
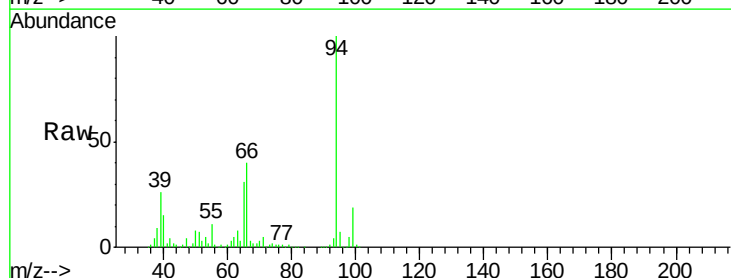
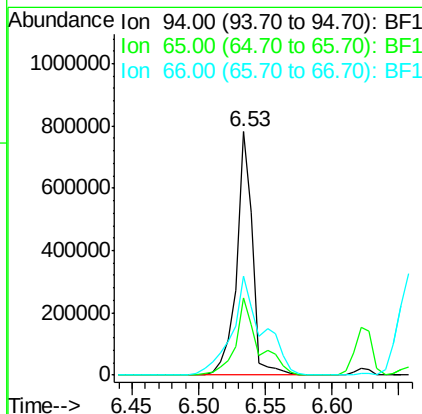
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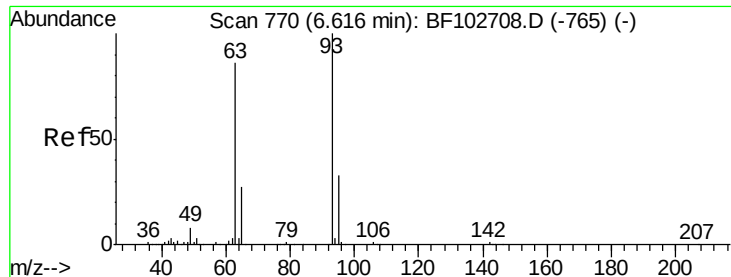
Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tgt Ion:	94	Resp:	655893
Ion Ratio	Lower	Upper	
94	100		
65	31.5	7.9	47.9
66	40.4	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.734 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

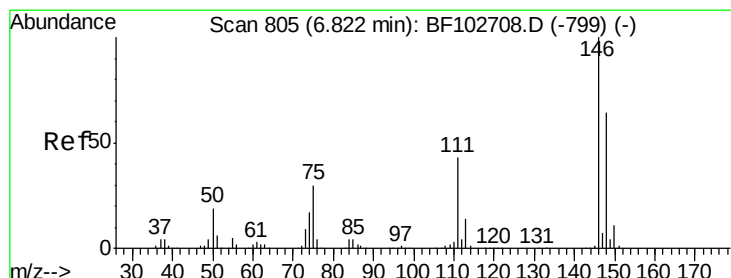
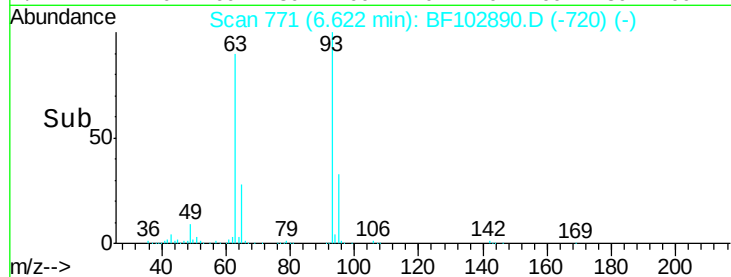
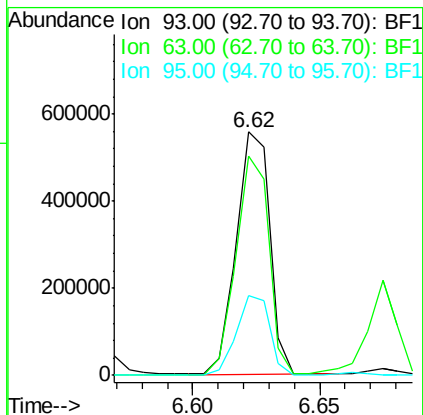
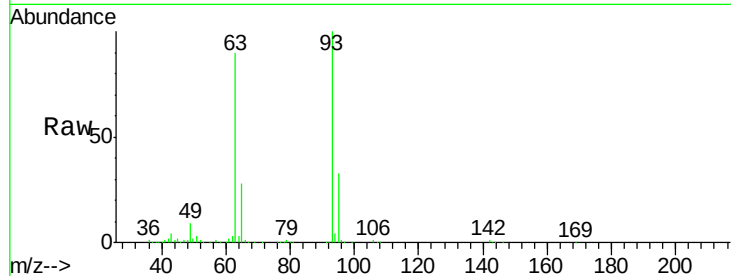
ClientSampleId :

B-21(2-4)MS

Tot Ion:	93	Resp:	509914
Ion Ratio	Lower	Upper	
93	100		
63	89.9	58.6	98.6
95	32.8	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 36.068 ng

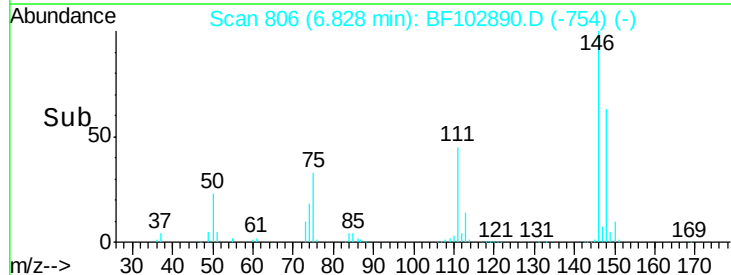
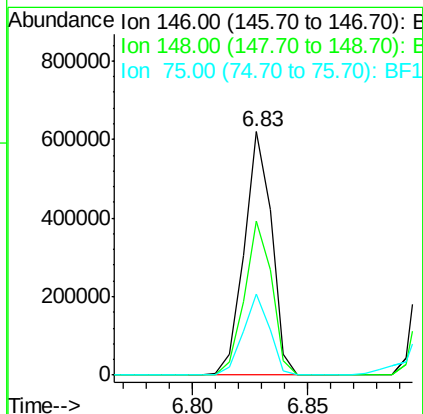
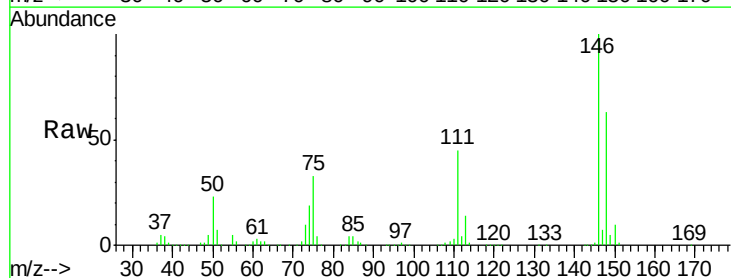
RT: 6.83 min Scan# 806

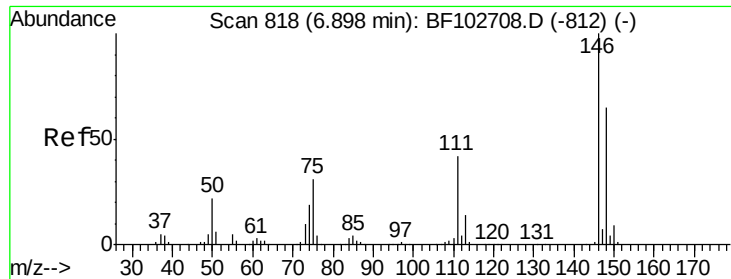
Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tgt Ion:	146	Resp:	513940
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.8	77.8
75	33.1	24.2	36.4





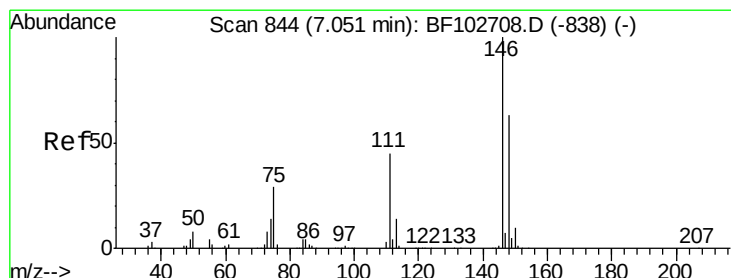
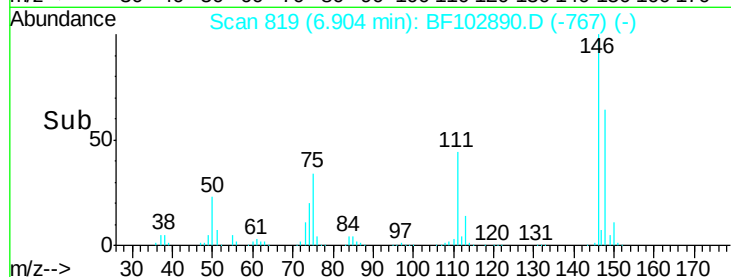
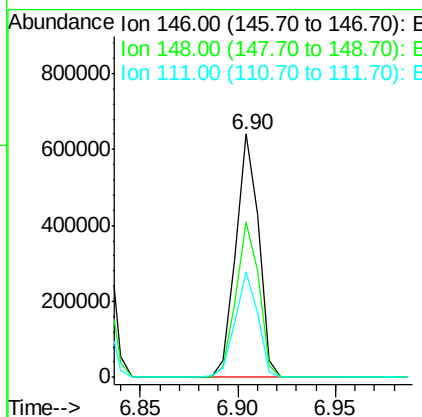
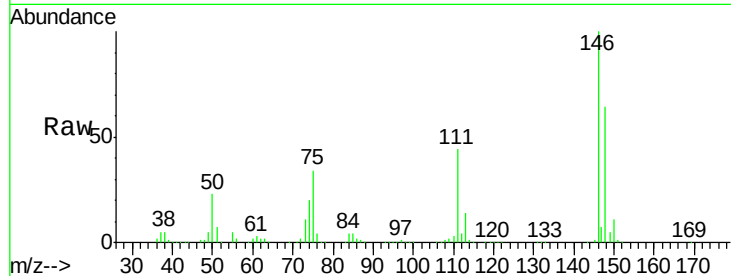
#13
 1,4-Dichlorobenzene
 Concen: 36.604 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 B-21(2-4)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	43.5	34.2	51.2

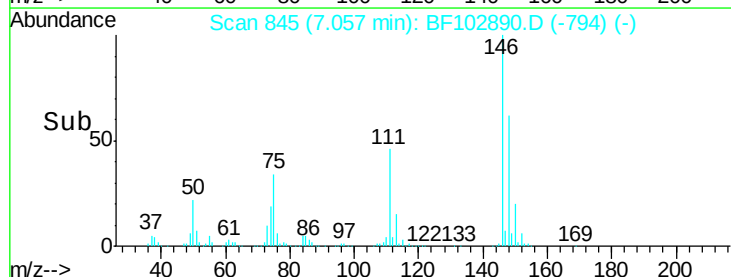
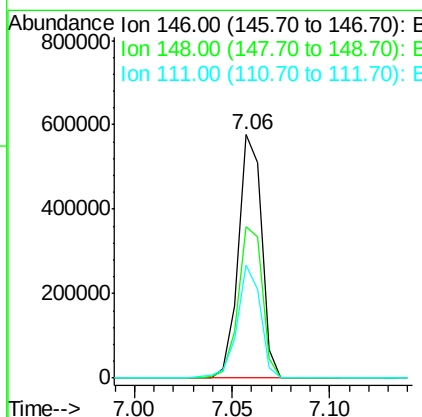
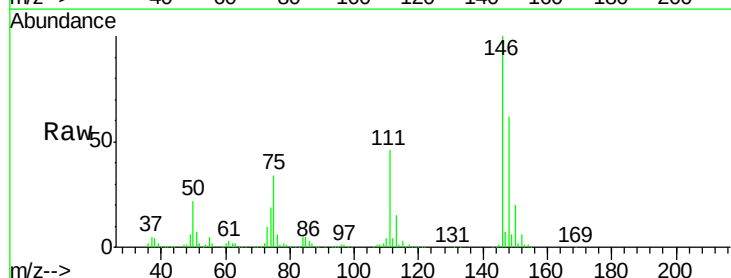
Manual Integrations
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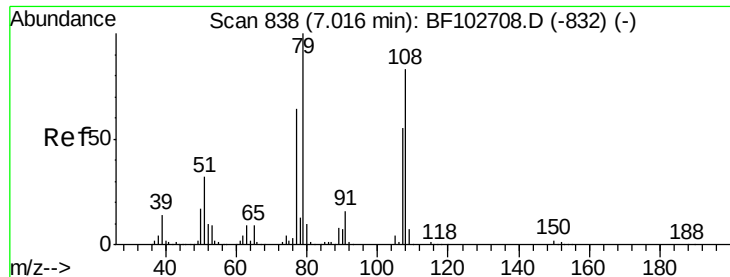
Sohil
 2/13/2018 4:36:31 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.164 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	75.8
111	46.3	36.0	54.0





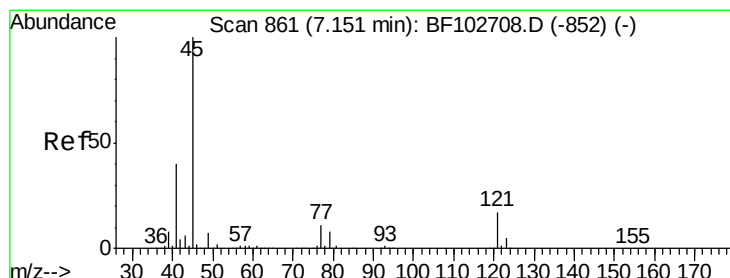
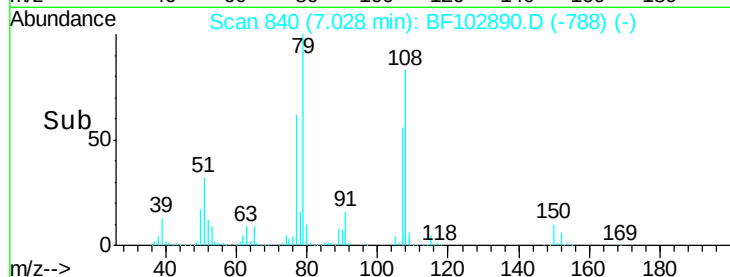
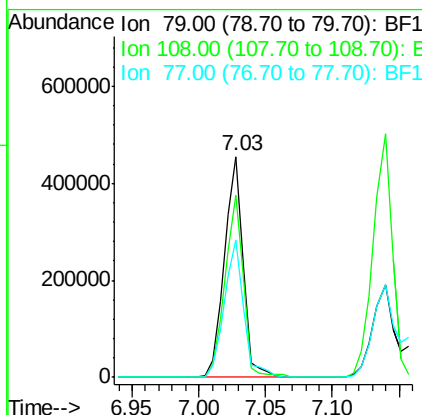
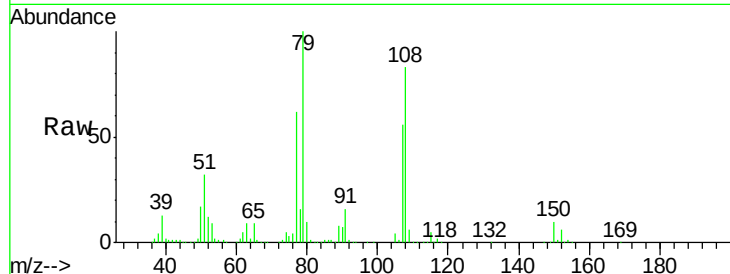
#15
Benzyl Alcohol
Concen: 41.083 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	65.1	97.7
77	62.3	50.6	75.8

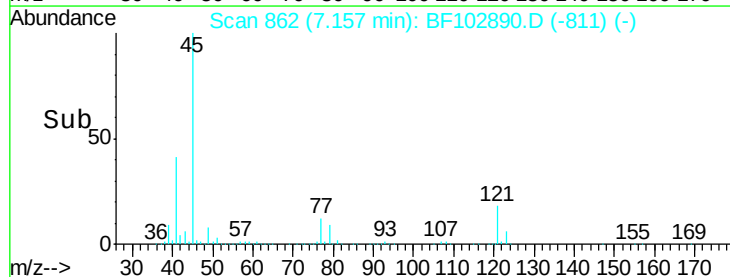
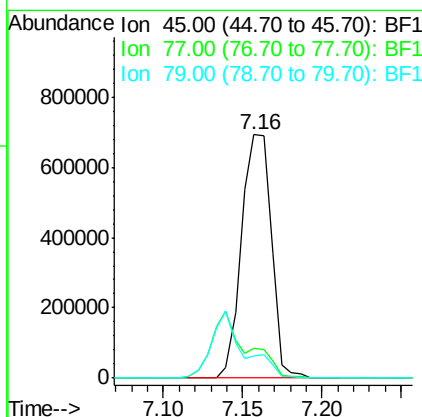
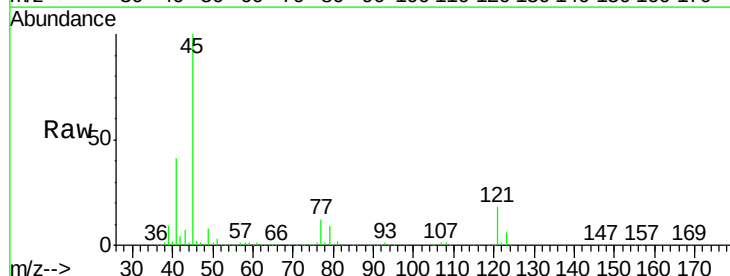
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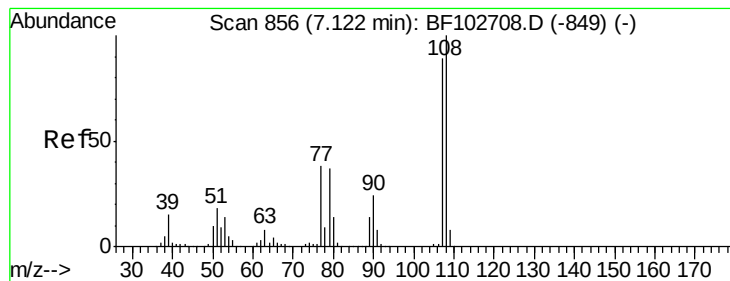
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.088 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.9
79	9.1	0.0	29.6





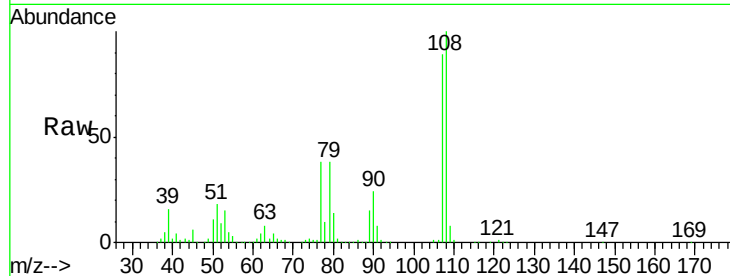
#17
2-Methylphenol
Concen: 38.088 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

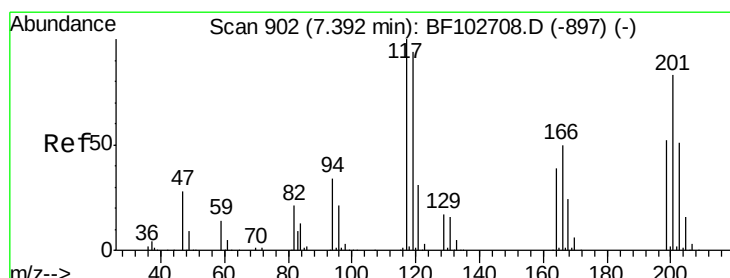
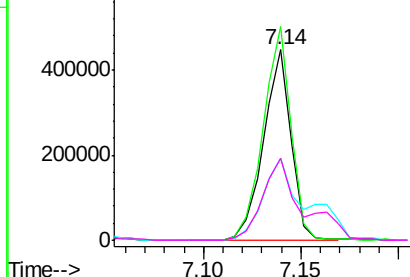
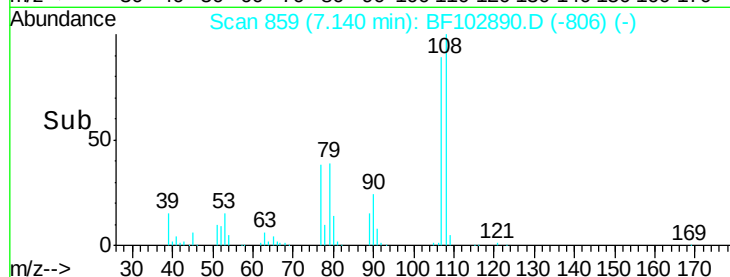
Tot Ion:	107	Resp:	432300
Ion Ratio	Lower	Upper	
107	100		
108	112.1	91.7	137.5
77	42.9	33.8	50.8
79	42.9	33.8	50.8

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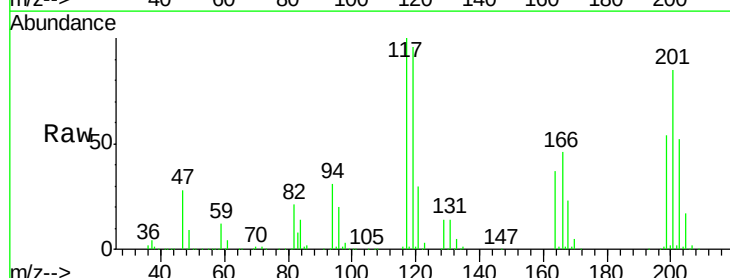


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

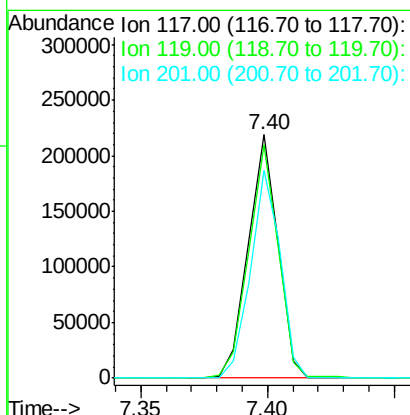
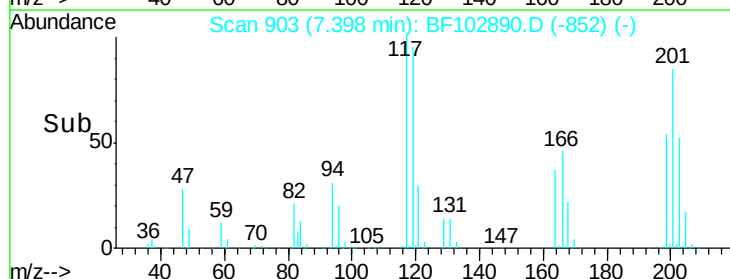


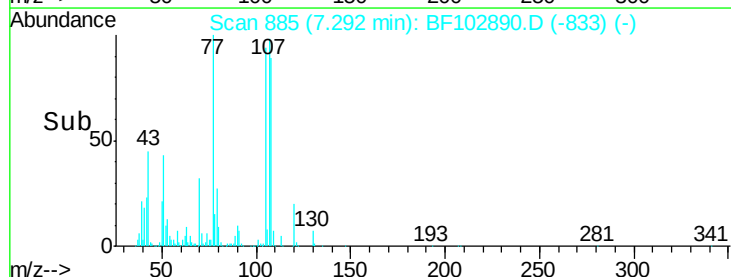
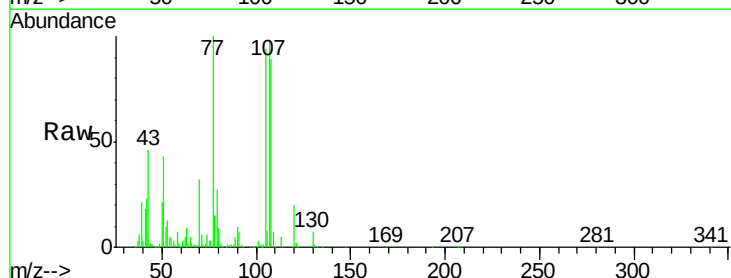
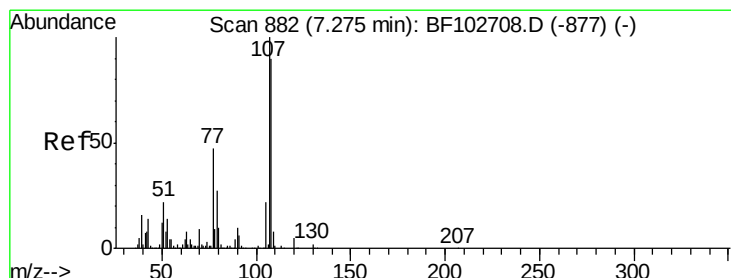
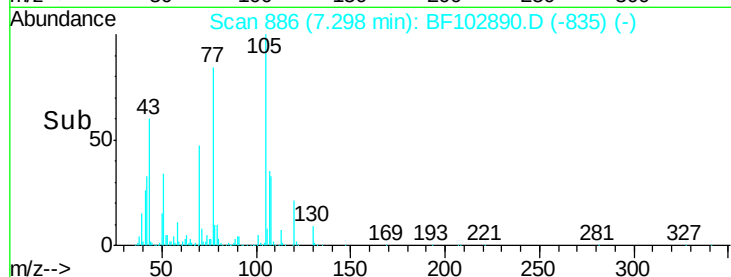
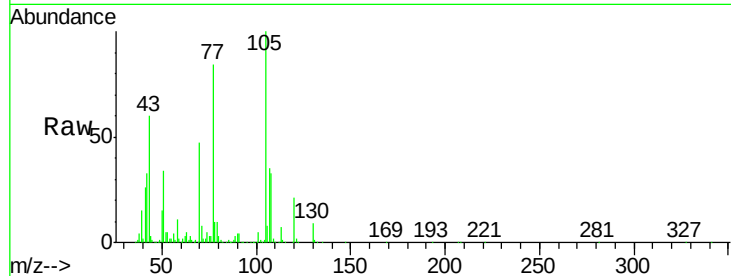
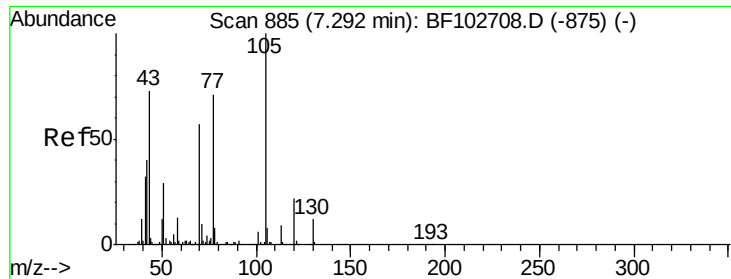
#18
Hexachloroethane
Concen: 36.689 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion:	117	Resp:	178579
Ion Ratio	Lower	Upper	
117	100		
119	95.6	75.8	113.8
201	85.2	75.7	113.5



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





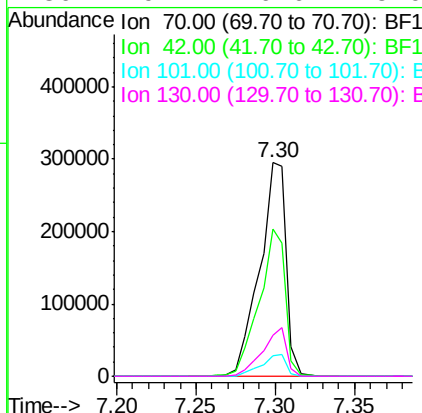
#19
n-Nitroso-di-n-propylamine
Concen: 36.467 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.8	47.5	71.3	
101	9.9	7.4	11.2	
130	19.4	16.6	25.0	

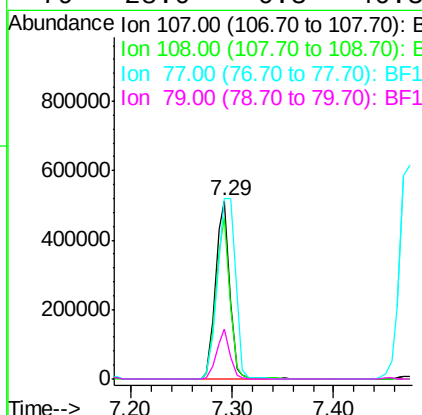
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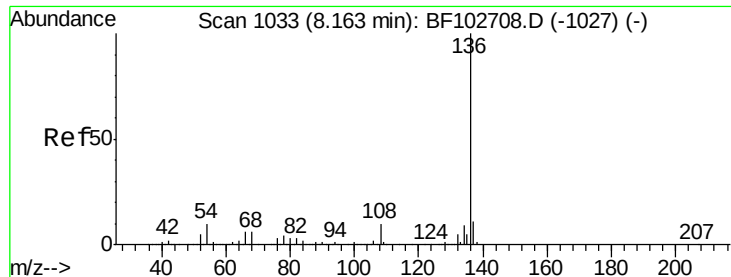
Sohil
2/13/2018 4:36:31 AM



#20
3+4-Methylphenols
Concen: 35.498 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	68.2	108.2	
77	101.7	26.7	66.7#	
79	28.0	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

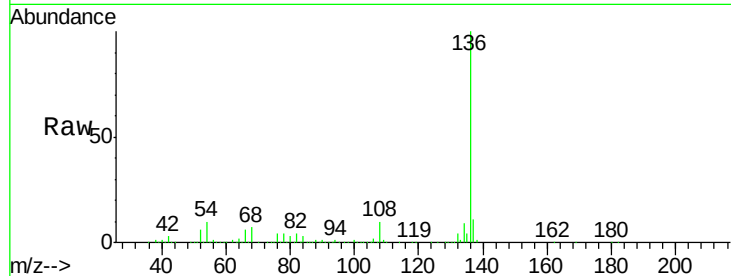
ClientSampleId :

B-21(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	10.4	6.6	9.8	
68	6.9	5.0	7.4	

Manual Integrations
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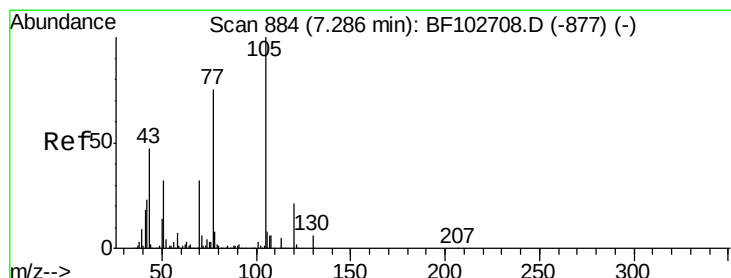
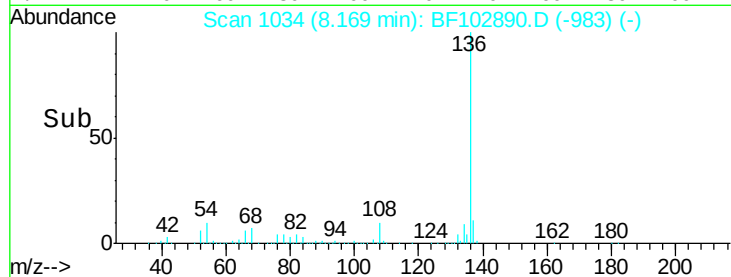
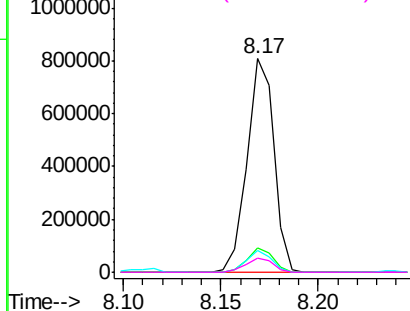
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 35.333 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.0	4.4	6.6	
51	34.3	22.3	33.5	
120	21.2	16.9	25.3	

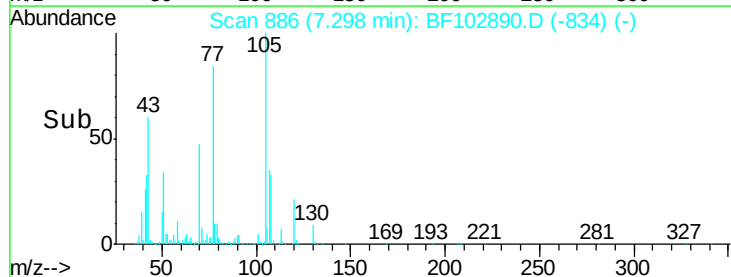
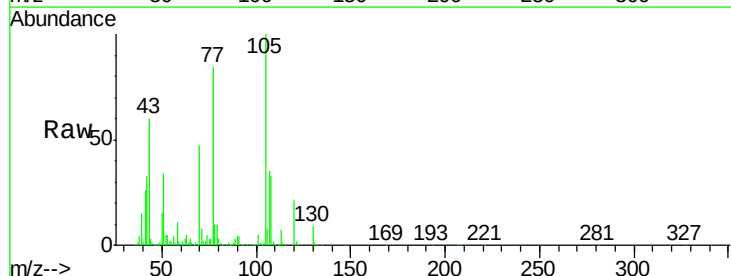
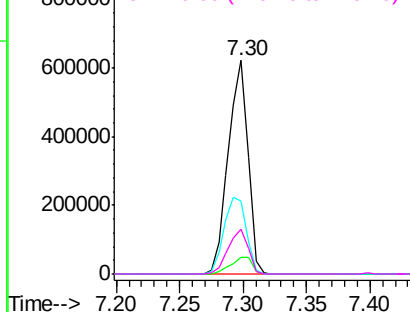
Abundance

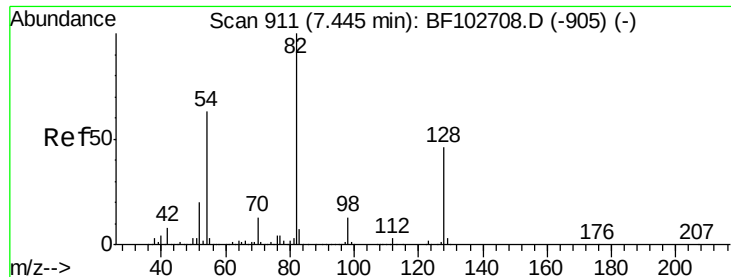
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





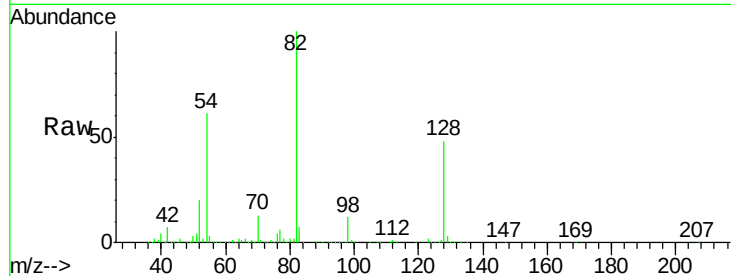
#23
Nitrobenzene-d5
Concen: 97.927 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

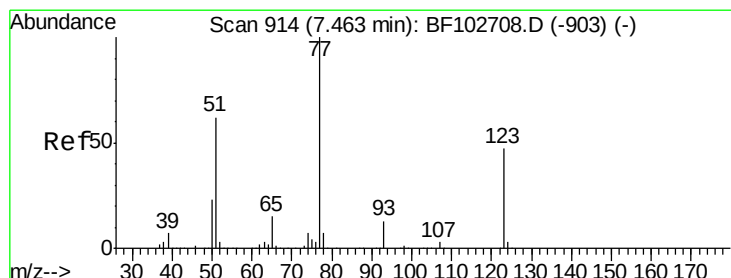
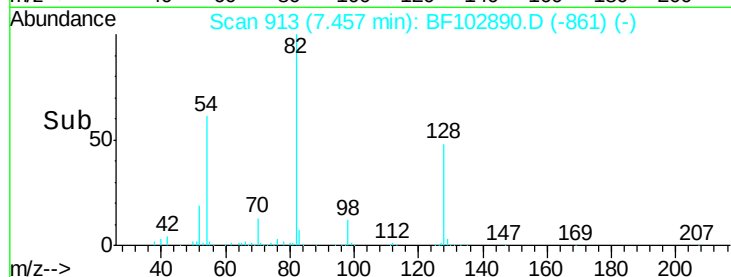
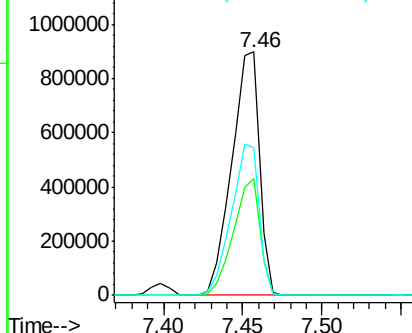
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	60.9	41.4	62.2

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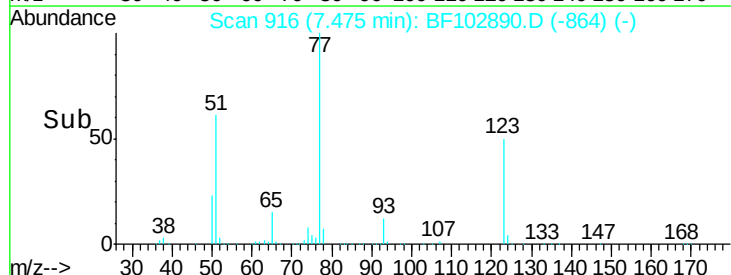
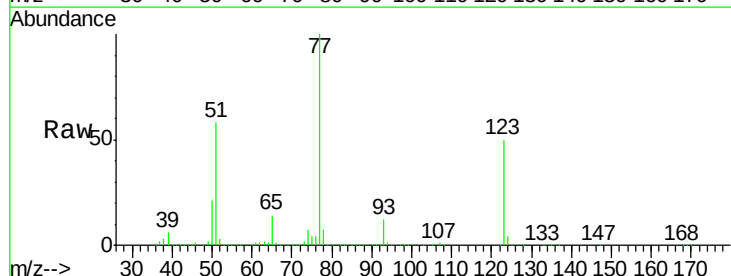
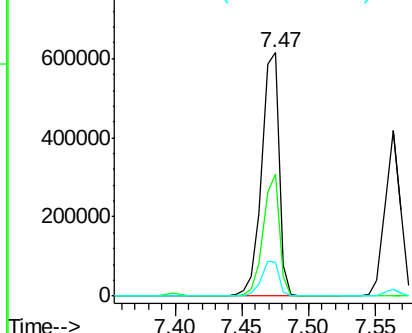
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

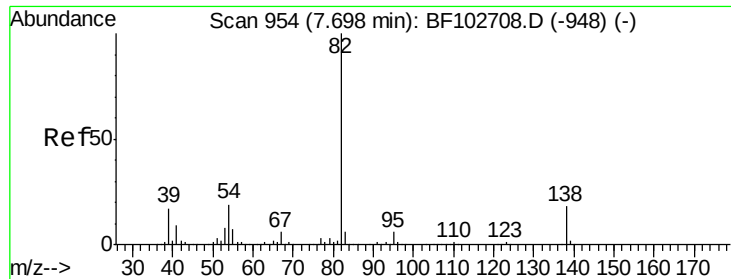


#24
Nitrobenzene
Concen: 41.889 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	37.9	56.9
65	14.1	11.0	16.4

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





#25

Isophorone

Concen: 39.873 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

ClientSampleId :

B-21(2-4)MS

Tot Ion: 82 Resp: 1023998

Ion Ratio Lower Upper

82 100

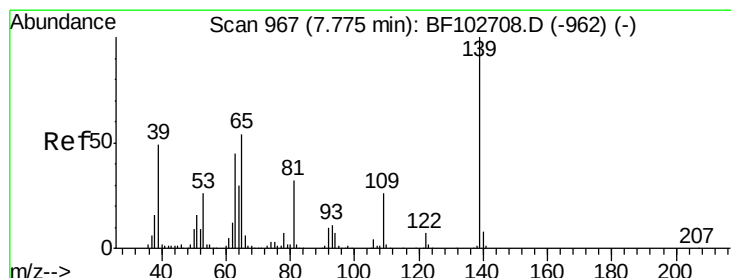
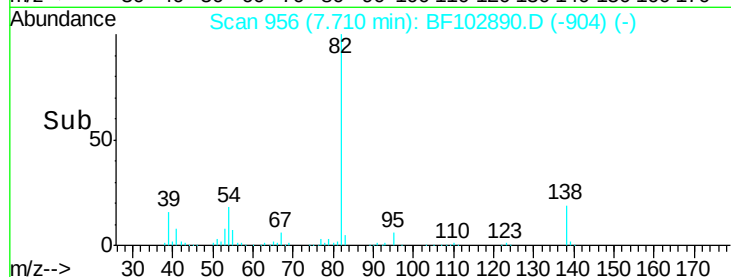
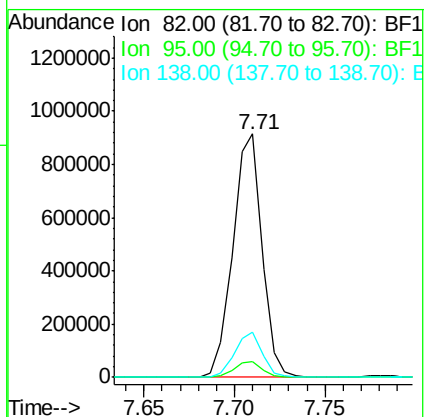
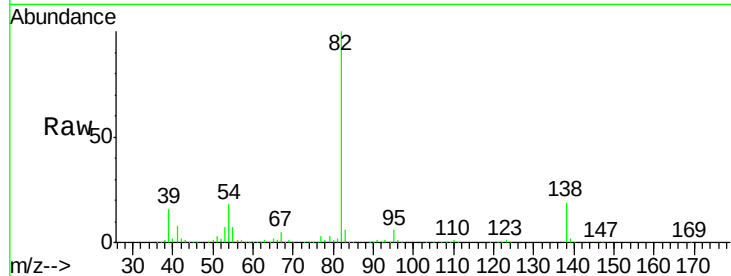
95 6.3 5.2 7.8

138 18.5 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.833 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

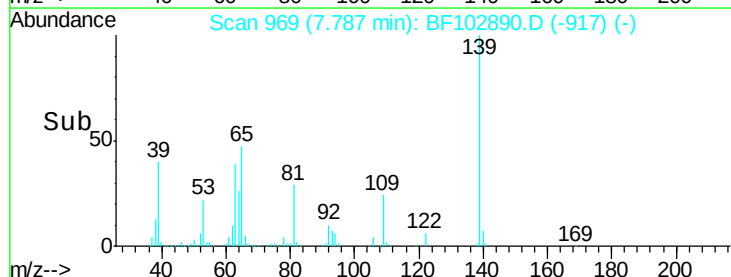
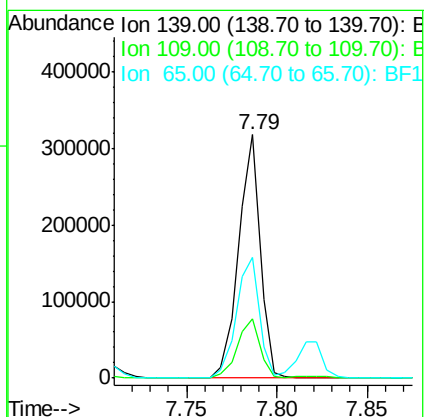
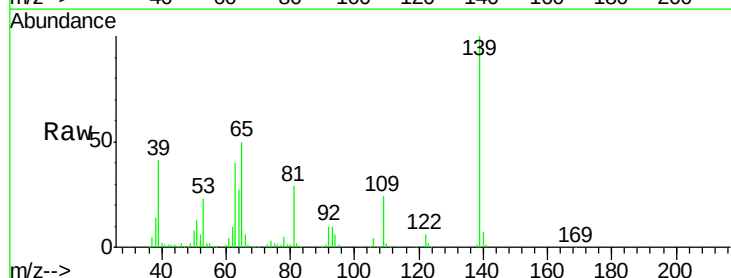
Tgt Ion: 139 Resp: 264182

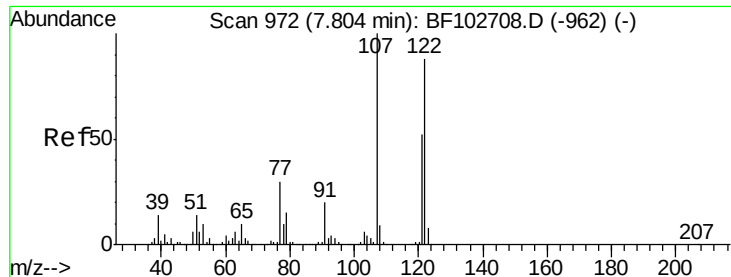
Ion Ratio Lower Upper

139 100

109 24.3 22.7 34.1

65 49.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.365 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

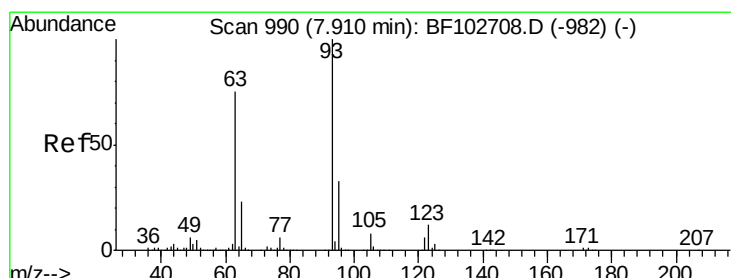
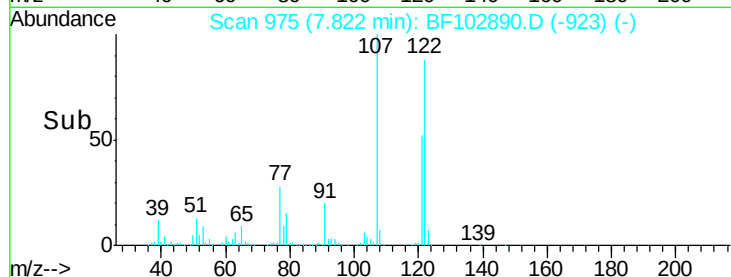
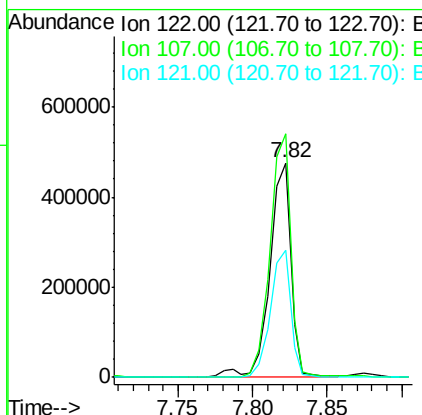
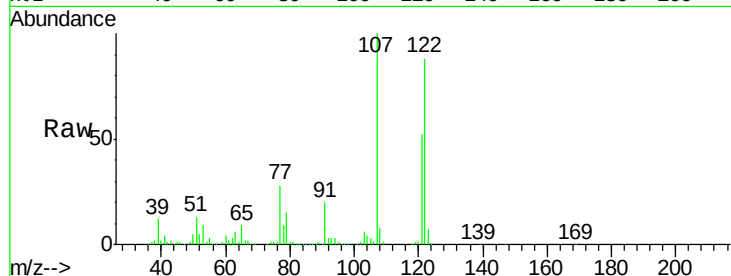
ClientSampleId :

B-21(2-4)MS

Tot Ion:	122	Resp:	470508
Ion Ratio	Lower	Upper	
122	100		
107	113.7	91.2	136.8
121	59.4	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.206 ng

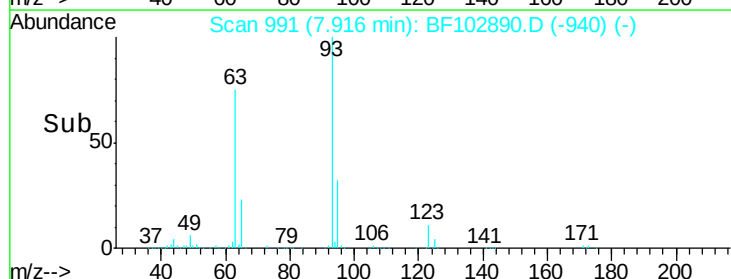
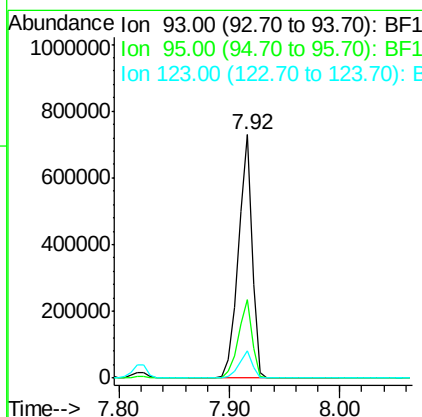
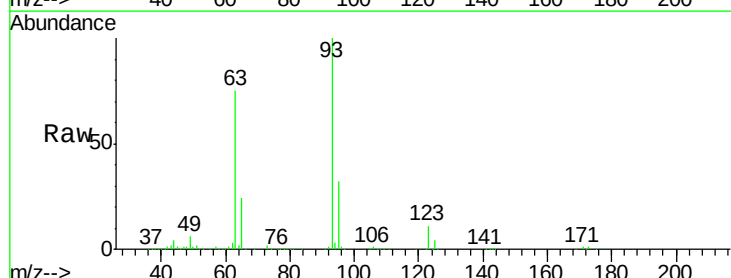
RT: 7.92 min Scan# 991

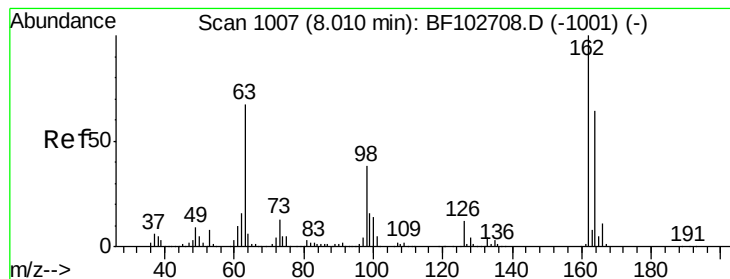
Delta R.T. 0.00 min

Lab File: BF102890.D

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Tgt Ion:	93	Resp:	642097
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	11.2	9.8	14.6





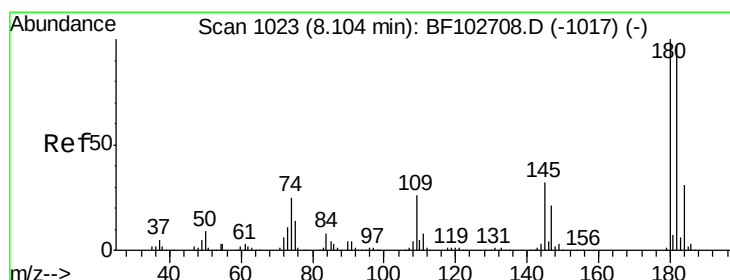
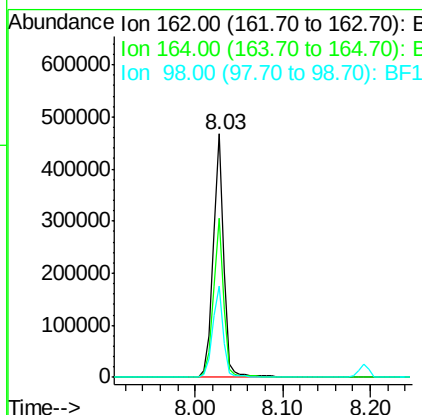
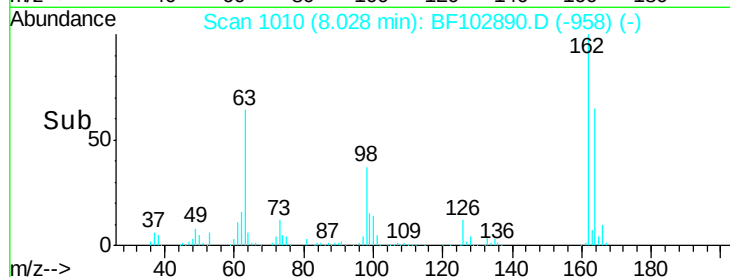
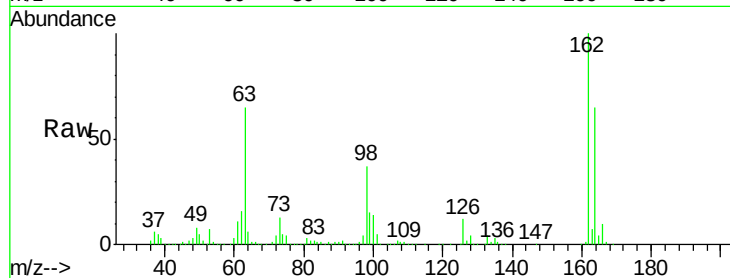
#29
 2,4-Dichlorophenol
 Concen: 39.957 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 B-21(2-4)MS

Tot Ion:	162	Resp:	394105
Ion Ratio	Lower	Upper	
162	100		
164	65.2	42.7	82.7
98	37.4	18.1	58.1

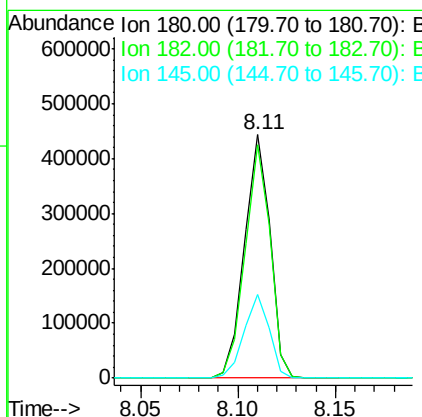
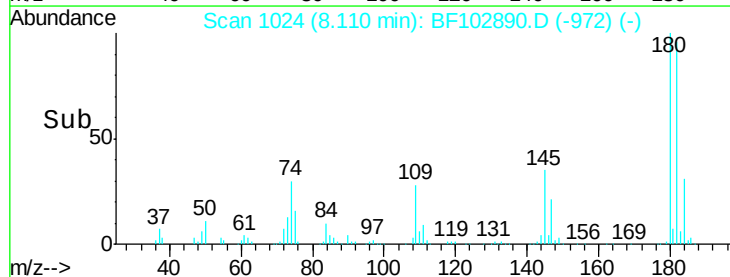
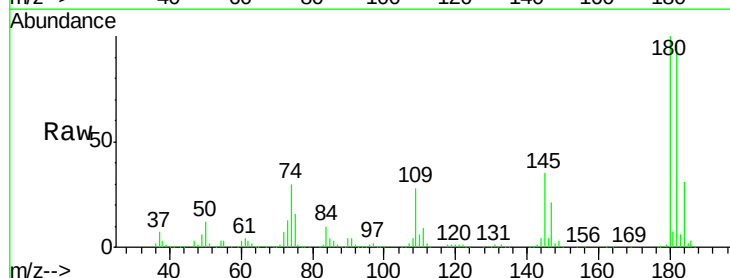
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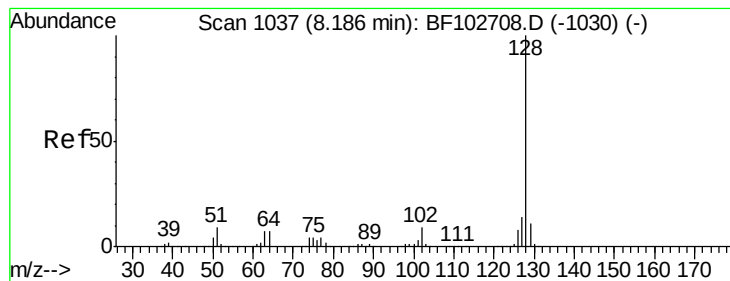
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.221 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Tgt Ion:	180	Resp:	404156
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.8	115.2
145	34.6	26.5	39.7





#31

Naphthalene

Concen: 38.258 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

ClientSampleId :

B-21(2-4)MS

Tot Ion:128 Resp: 1446179

Ion Ratio Lower Upper

128 100

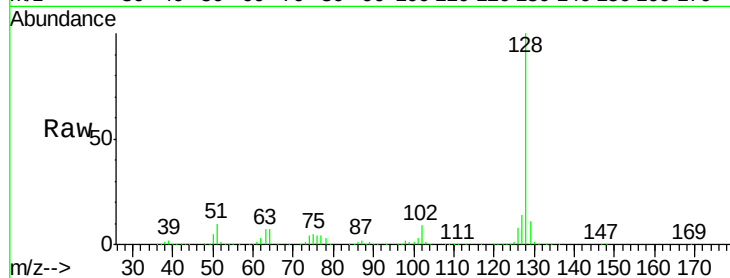
129 11.4 8.8 13.2

127 13.6 10.9 16.3

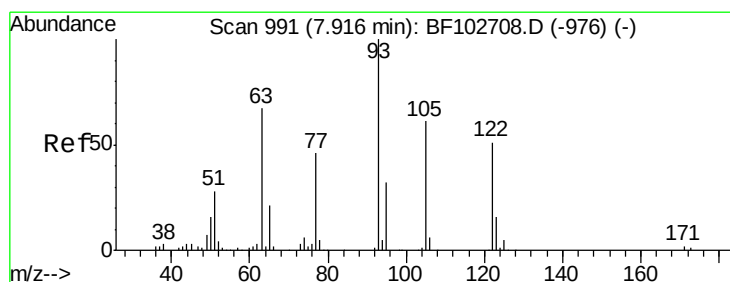
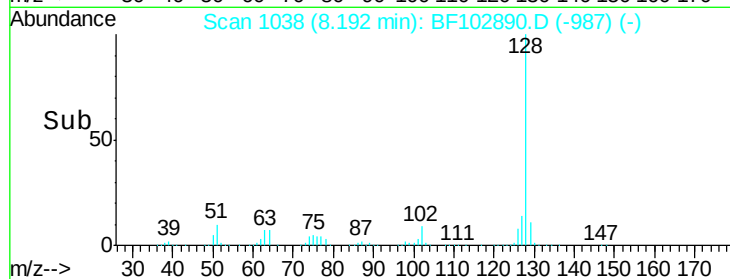
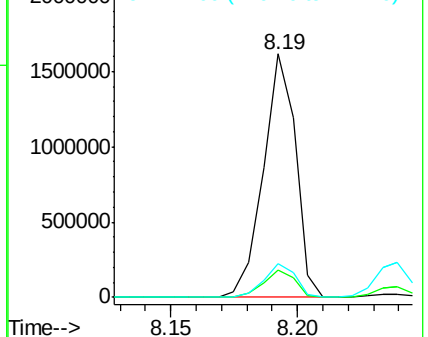
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.829 ng m

RT: 7.87 min Scan# 984

Delta R.T. -0.06 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

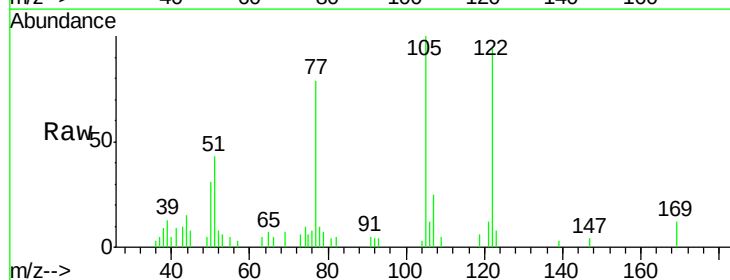
Tgt Ion:122 Resp: 18263

Ion Ratio Lower Upper

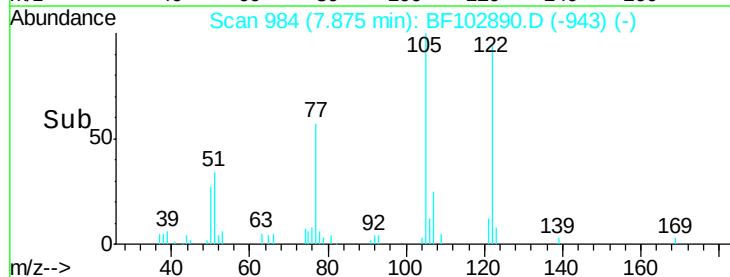
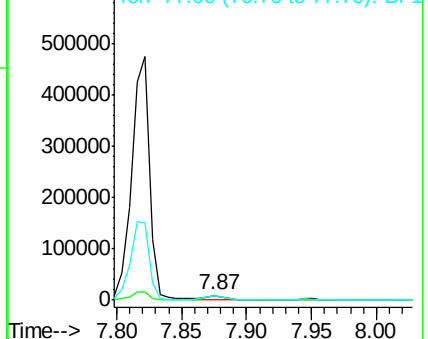
122 100

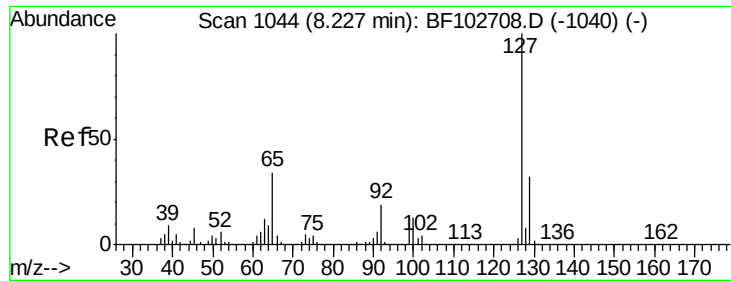
105 106.6 101.1 141.1

77 84.8 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





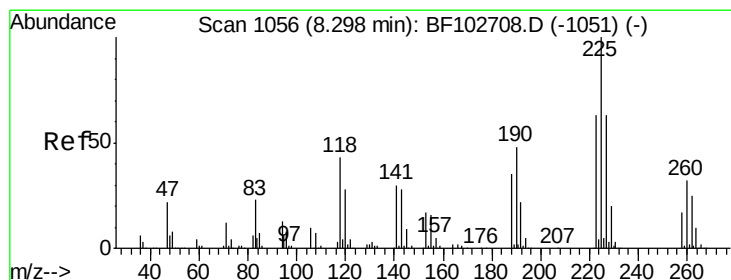
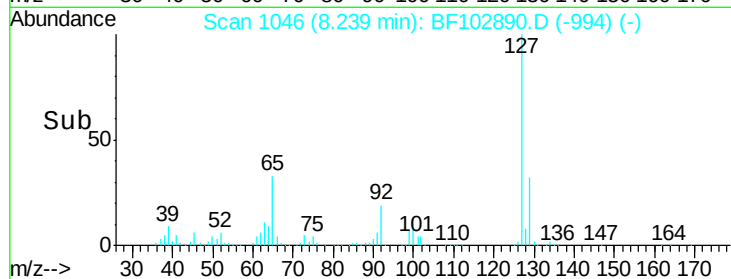
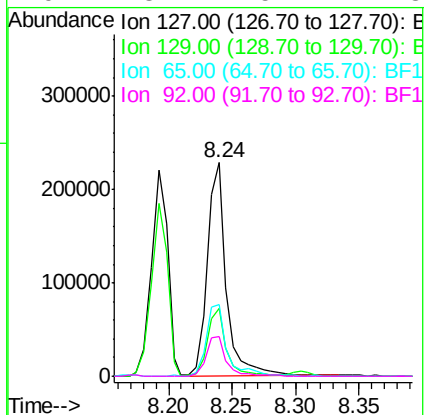
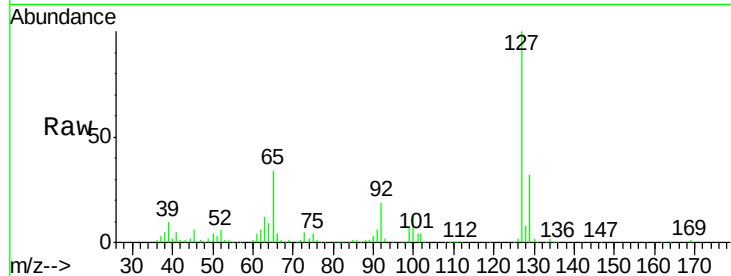
#33
 4-Chloroaniline
 Concen: 14.746 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 B-21(2-4)MS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.5	25.9	38.9
65	33.8	25.0	37.4
92	18.7	15.2	22.8

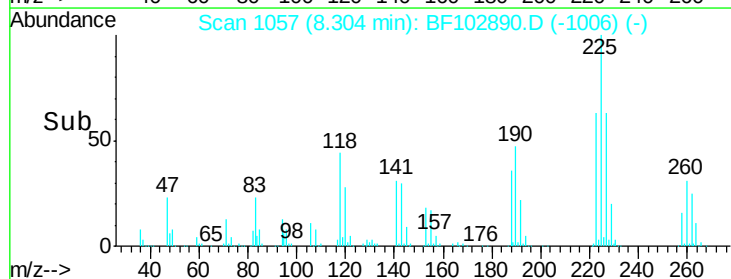
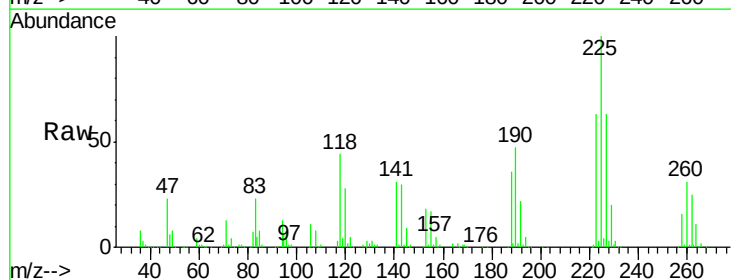
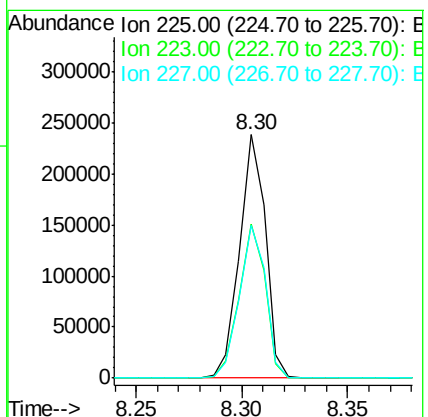
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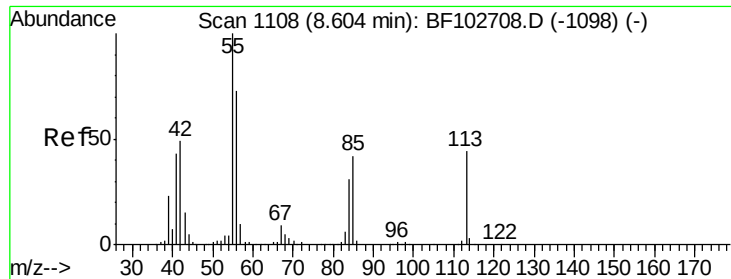
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#34
 Hexachlorobutadiene
 Concen: 35.364 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.5	50.6	76.0
227	62.9	51.9	77.9





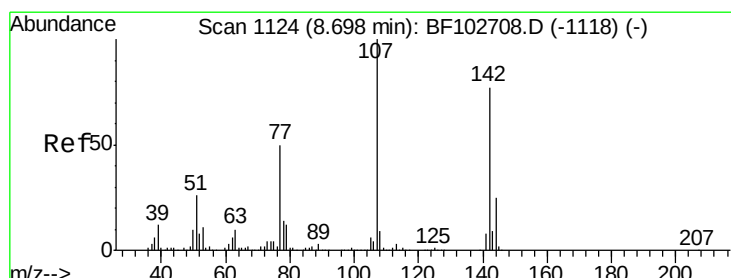
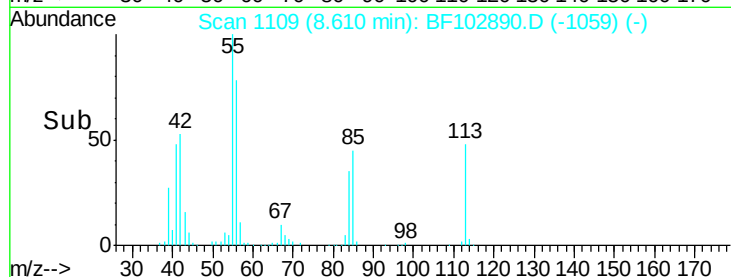
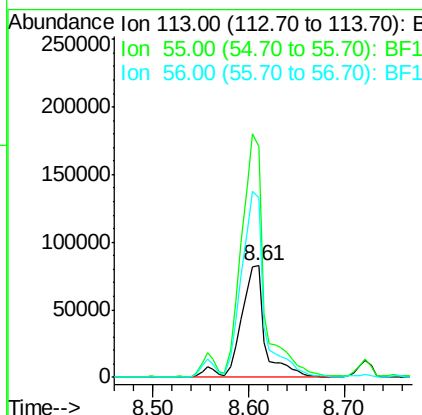
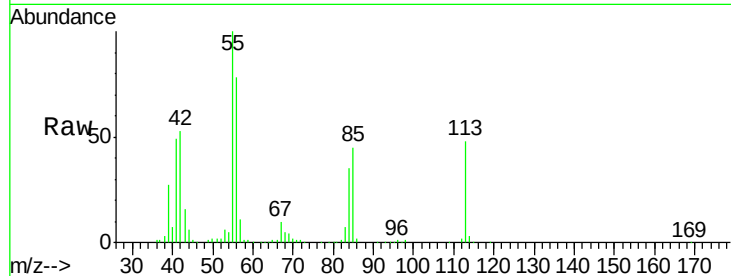
#35
 Caprolactam
 Concen: 42.342 ng/ml
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Instrument :
 BNA_F
 ClientSampleID :
 B-21(2-4)MS

Tot Ion:113 Resp: 145037
 Ion Ratio Lower Upper
 113 100
 55 207.4 163.3 203.3#
 56 161.1 115.7 155.7#

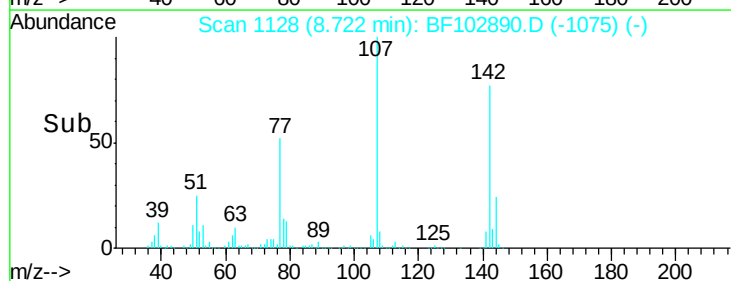
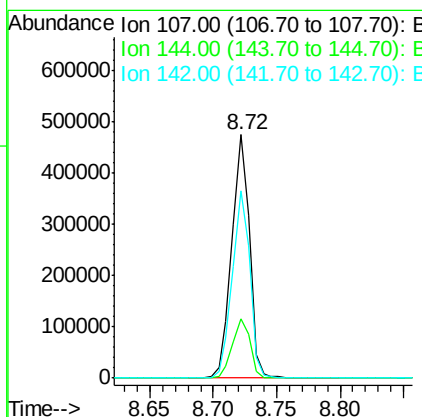
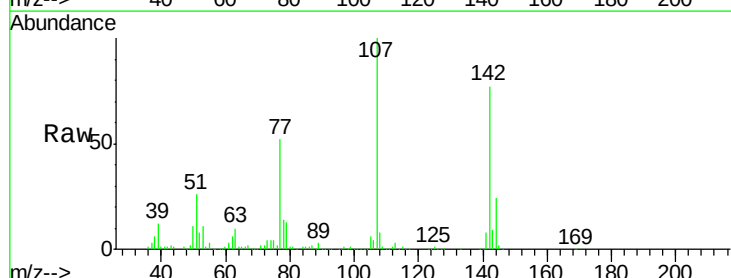
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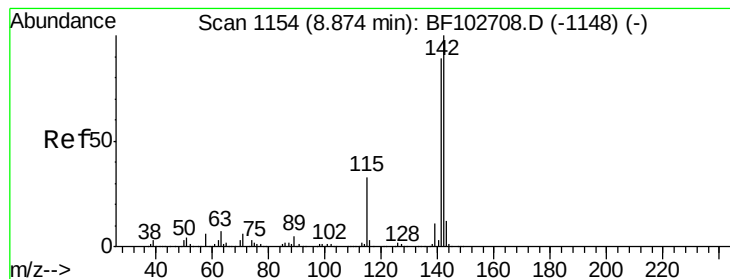
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#36
 4-Chloro-3-methylphenol
 Concen: 41.238 ng/ml
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Tgt Ion:107 Resp: 457008
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.5 30.7
 142 76.9 62.0 93.0





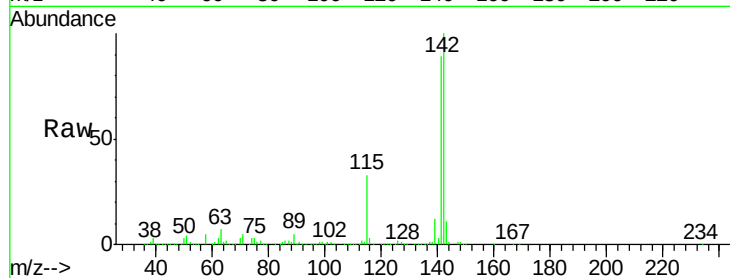
#37
2-Methylnaphthalene
Concen: 37.232 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	32.7	26.1	39.1

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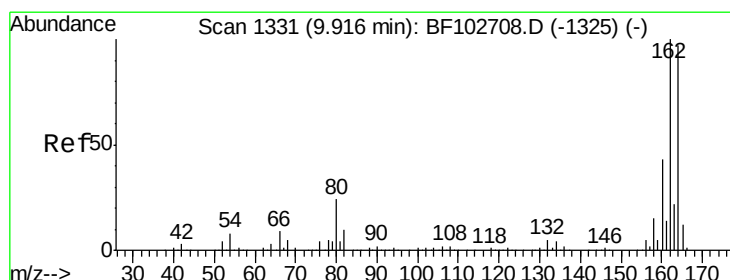
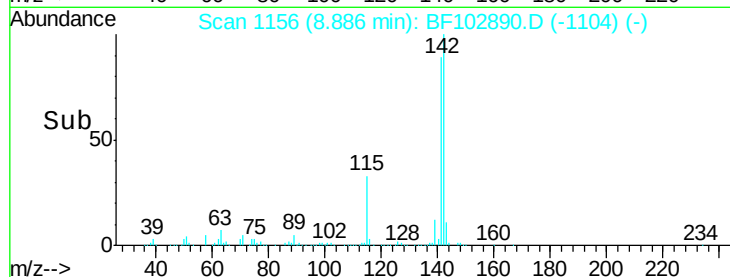
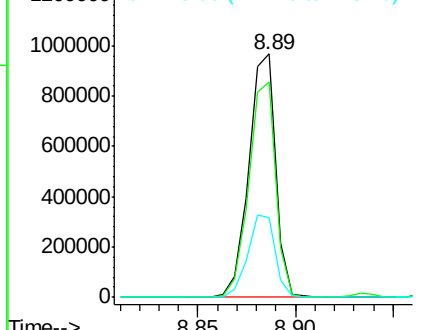


Abundance

Ion 142.00 (141.70 to 142.70): E

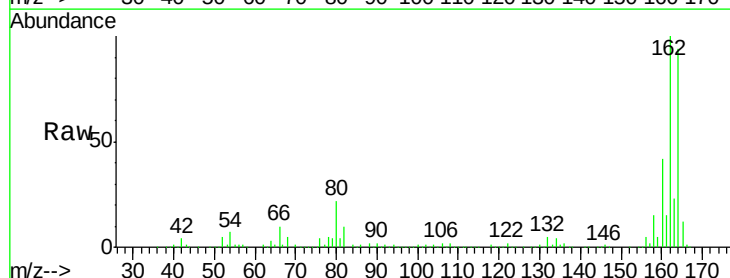
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	44.7	38.3	57.5

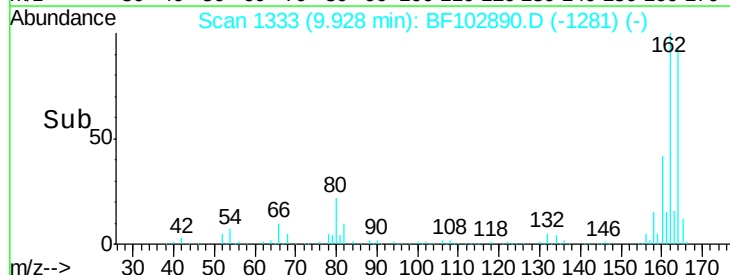
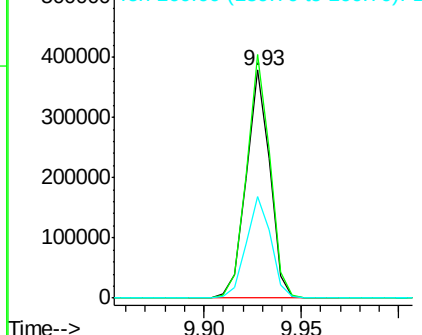


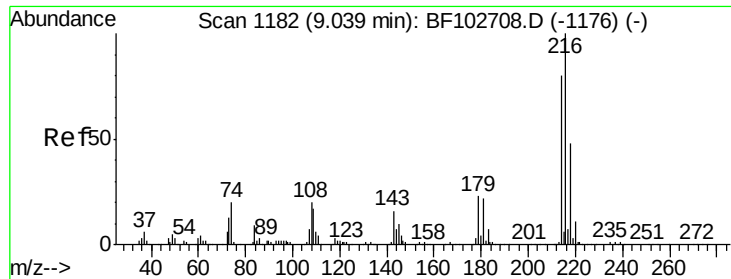
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





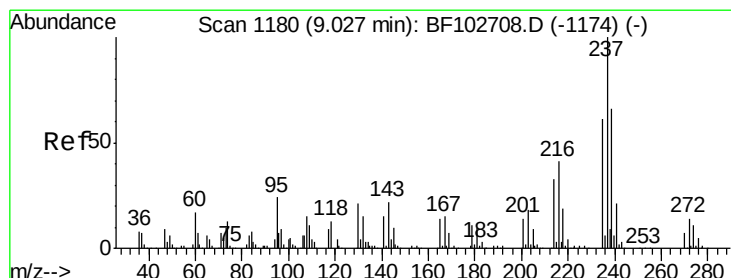
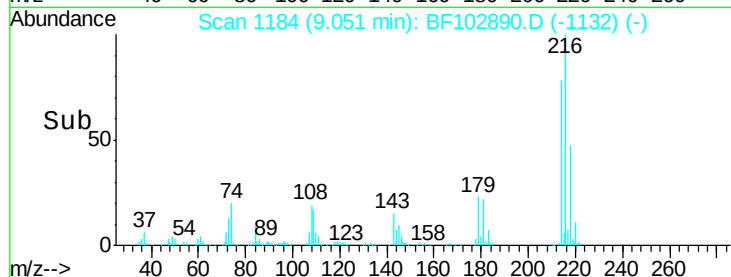
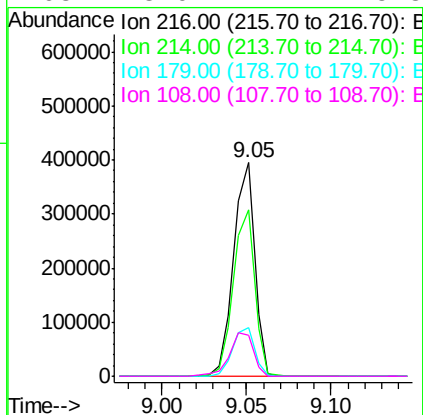
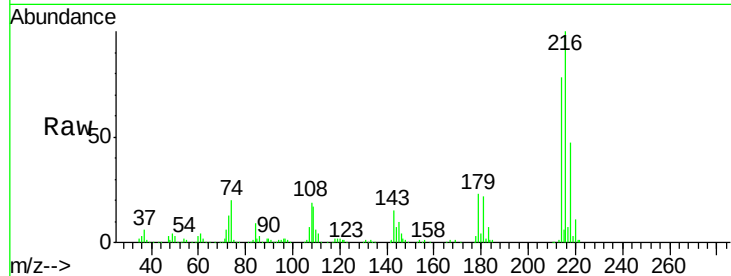
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.131 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 B-21(2-4)MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	23.5	18.1	27.1
108	23.0	17.2	25.8

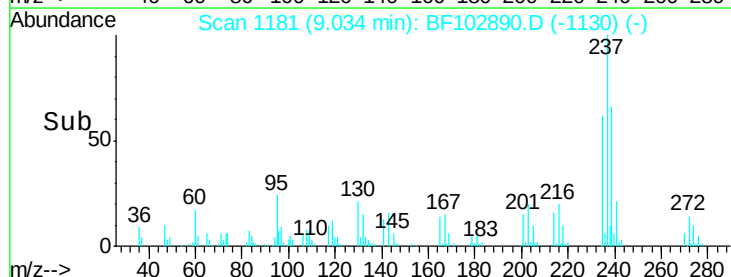
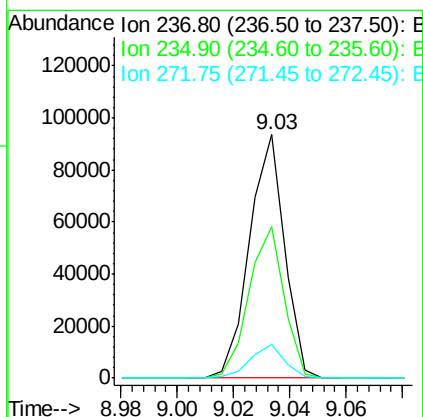
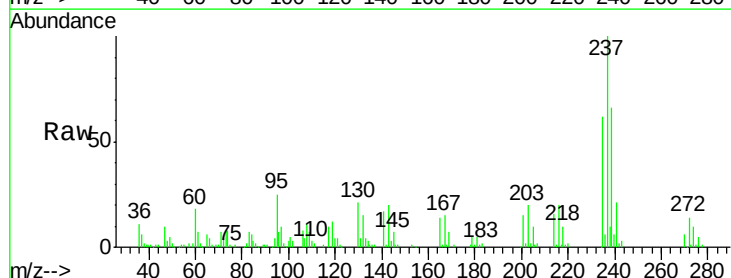
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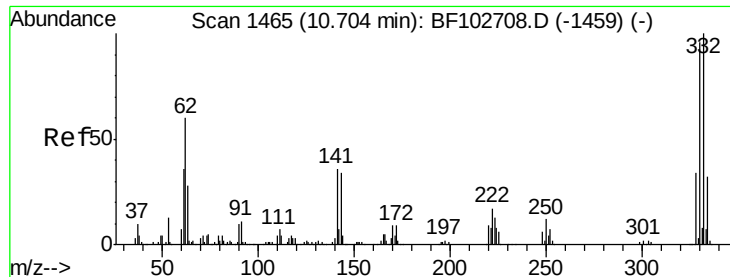
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#40
 Hexachlorocyclopentadiene
 Concen: 19.775 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.2	44.8	84.8
272	13.9	0.0	33.3





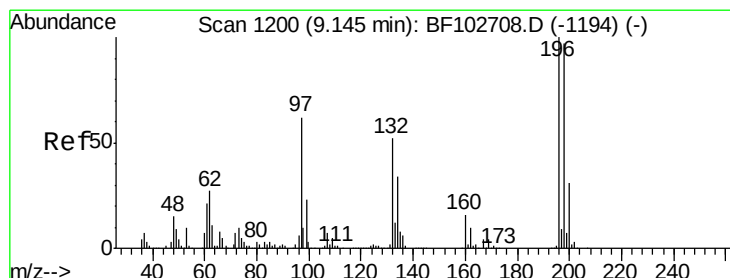
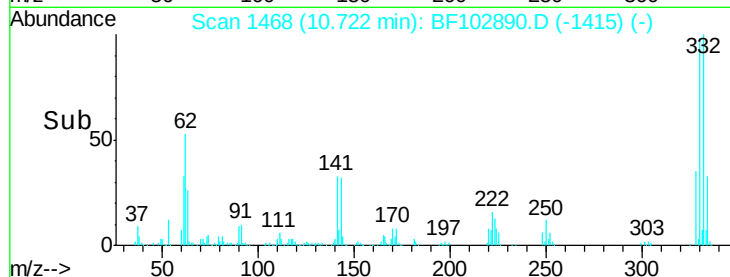
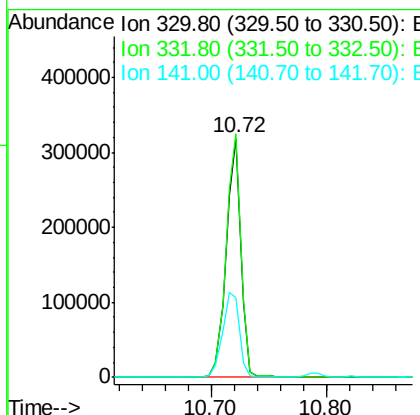
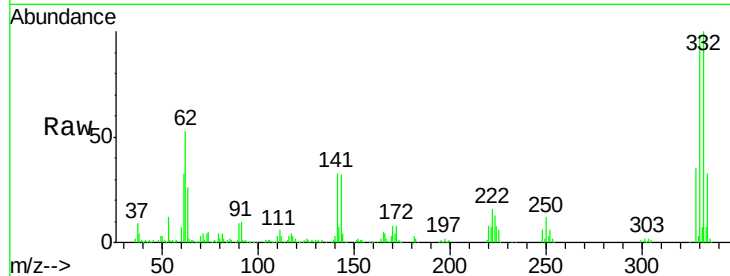
#41
 2,4,6-Tribromophenol
 Concen: 110.974 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 B-21(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.1	77.0	115.6	
141	41.2	29.9	44.9	

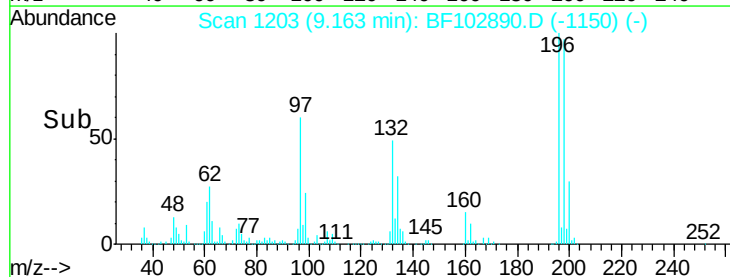
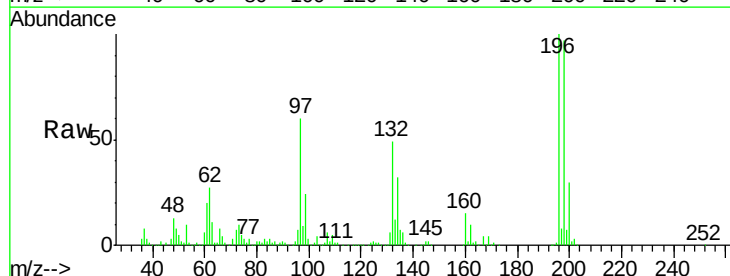
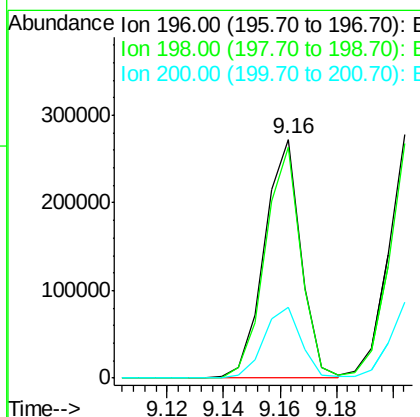
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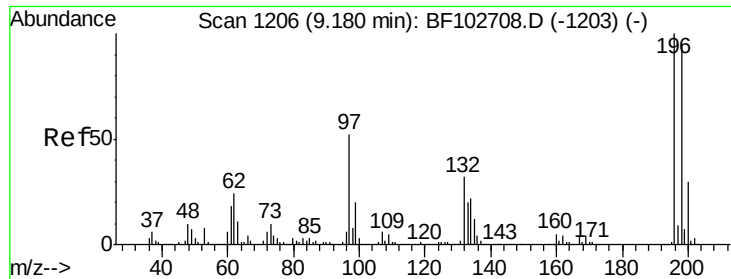
Sohil
 2/13/2018 4:36:31 AM



#42
 2,4,6-Trichlorophenol
 Concen: 43.395 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.7	75.7	113.5	
200	29.7	24.5	36.7	





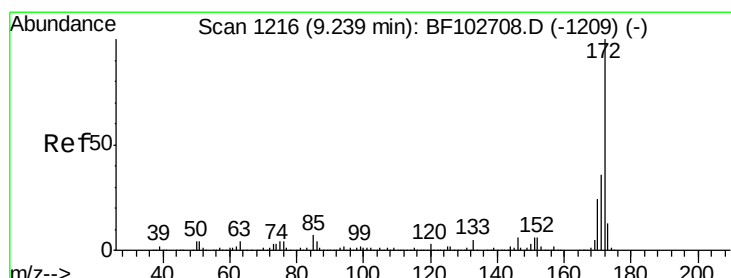
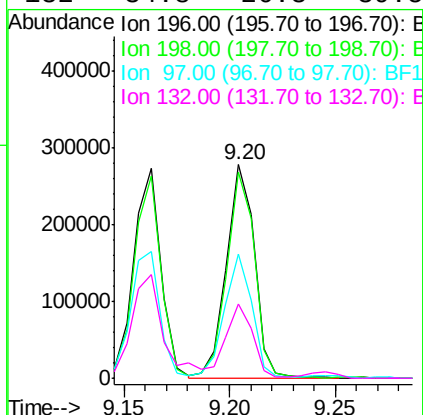
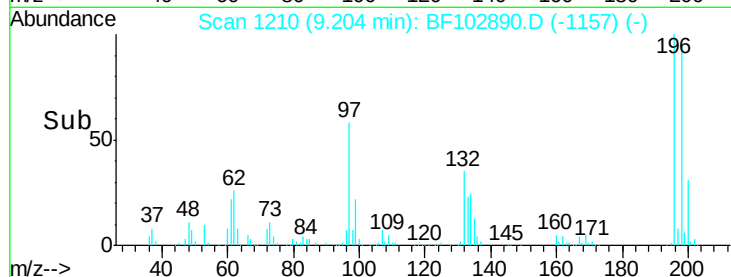
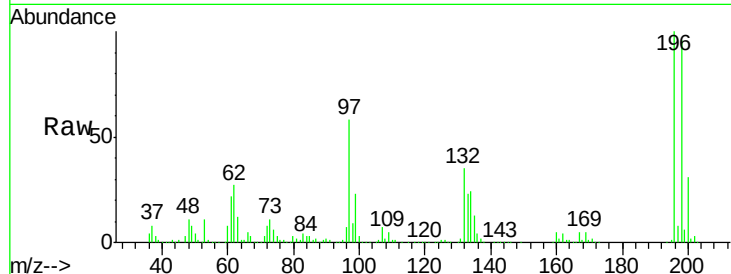
#43
 2,4,5-Trichlorophenol
 Concen: 39.987 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 B-21(2-4)MS

Tot Ion:	196	Resp:	254227
Ion Ratio	Lower	Upper	
196	100		
198	96.4	74.6	112.0
97	58.2	42.9	64.3
132	34.8	26.3	39.5

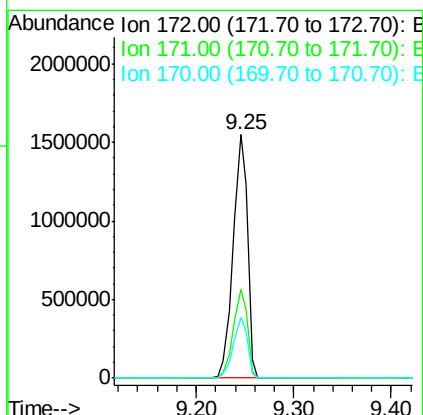
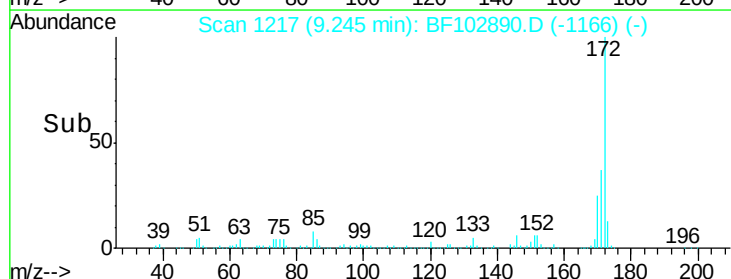
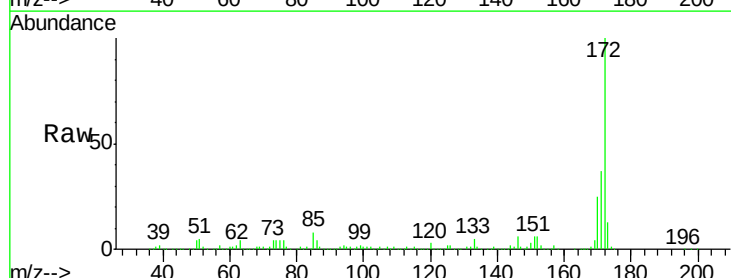
Manual Integrations
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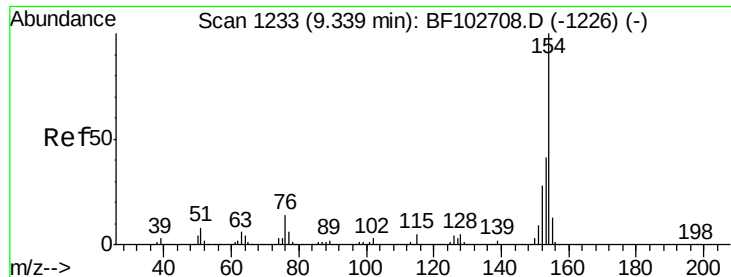
Sohil
 2/13/2018 4:36:31 AM



#44
 2-Fluorobiphenyl
 Concen: 83.270 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Tgt Ion:	172	Resp:	1582775
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 38.807 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

ClientSampled :

B-21(2-4)MS

Tot Ion:154 Resp: 1030928

Ion Ratio Lower Upper

154 100

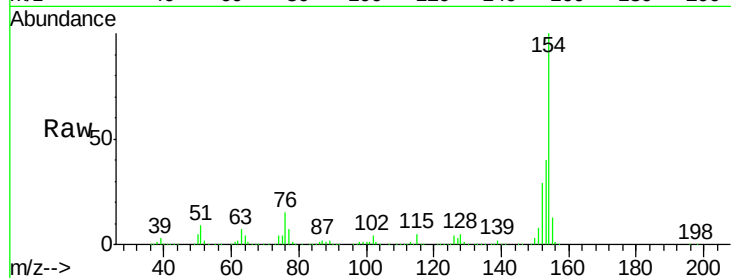
153 39.7 21.3 61.3

76 15.4 0.0 34.0

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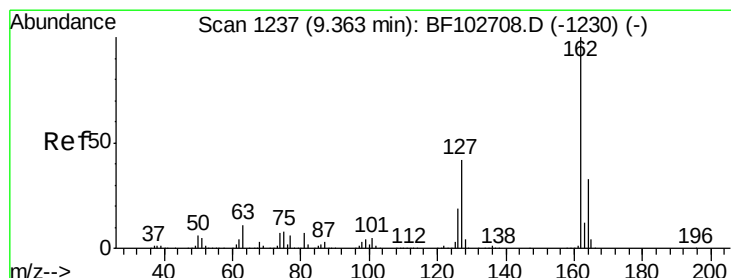
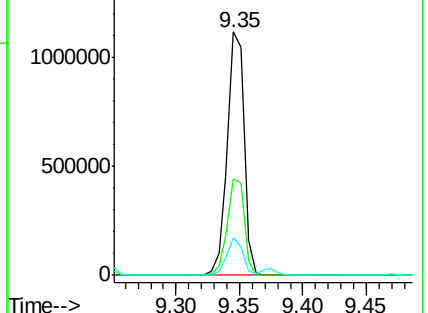
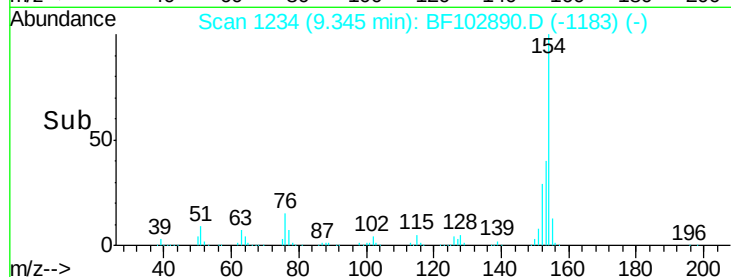
2/13/2018 4:36:31 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.526 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

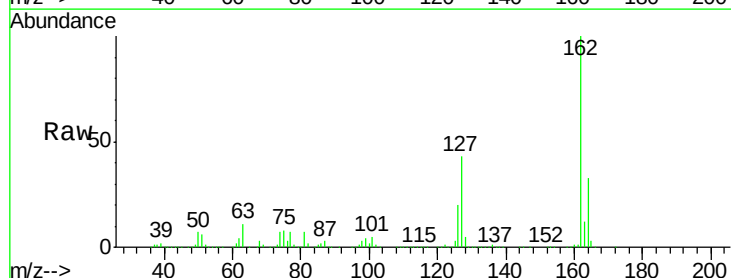
Tgt Ion:162 Resp: 805748

Ion Ratio Lower Upper

162 100

127 42.6 33.9 50.9

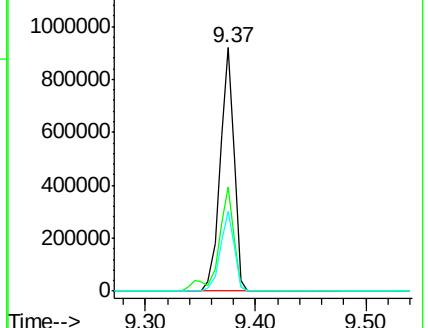
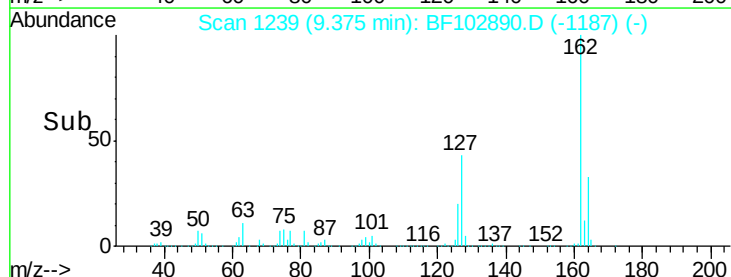
164 33.0 26.5 39.7

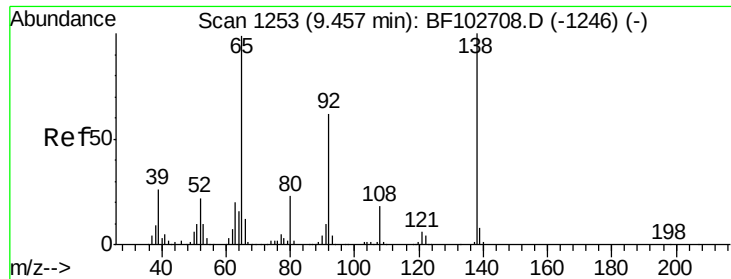


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.507 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

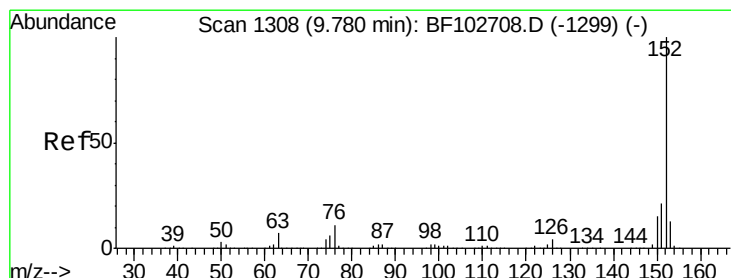
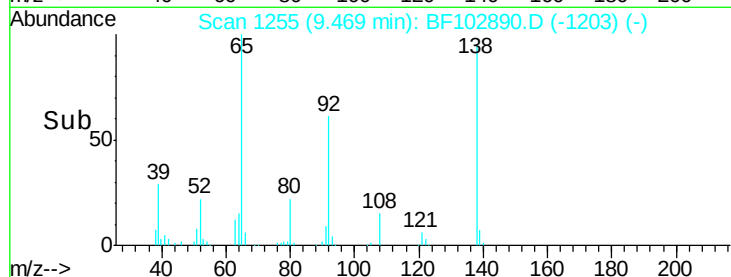
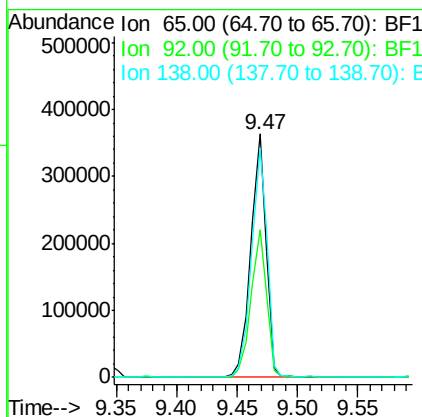
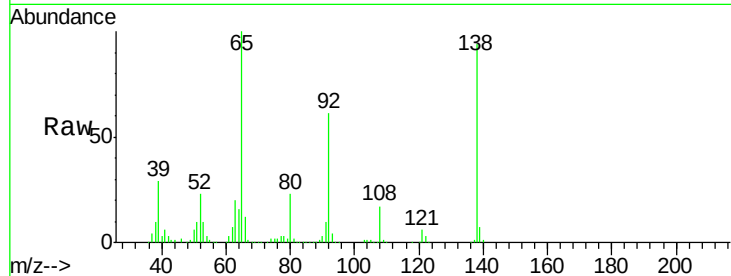
ClientSampleId :

B-21(2-4)MS

Tot Ion:	65	Resp:	327220
Ion Ratio	Lower	Upper	
65	100		
92	60.9	55.8	83.6
138	94.4	91.2	136.8

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#48

Acenaphthylene

Concen: 37.099 ng

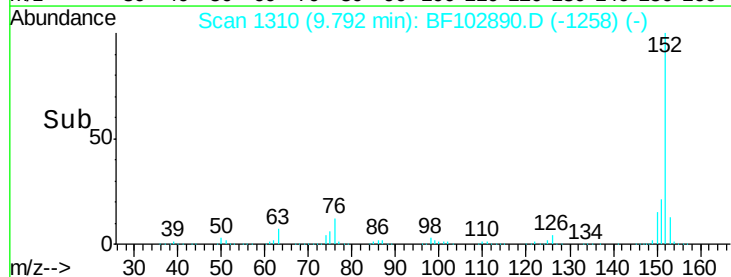
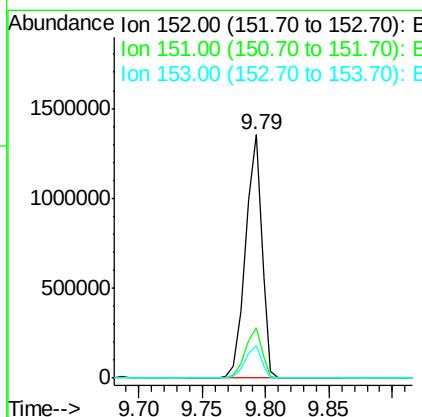
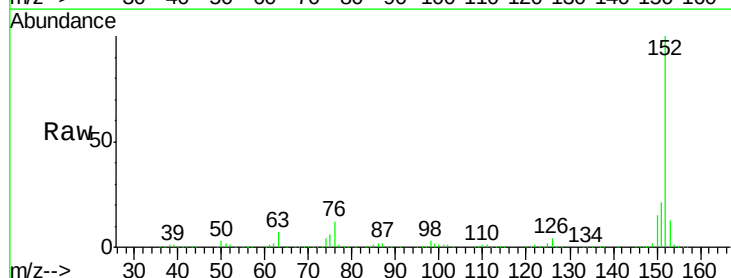
RT: 9.79 min Scan# 1310

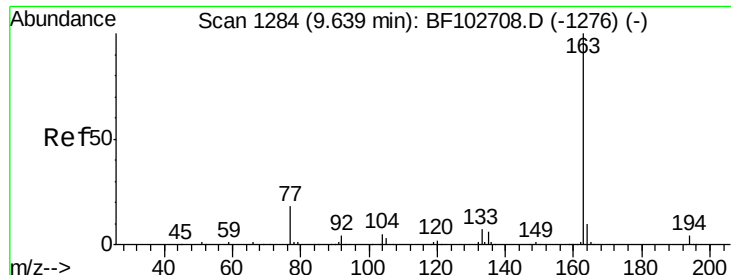
Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tgt Ion:	152	Resp:	1205100
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.3	10.7	16.1





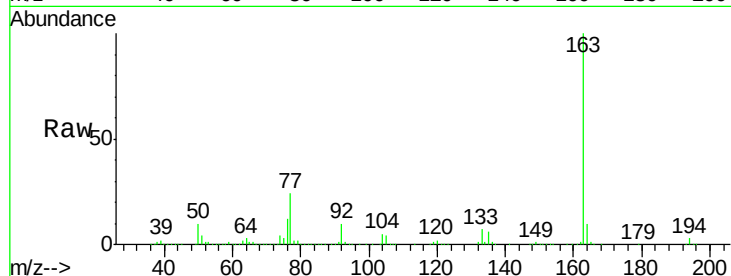
#49
Dimethylphthalate
Concen: 45.320 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

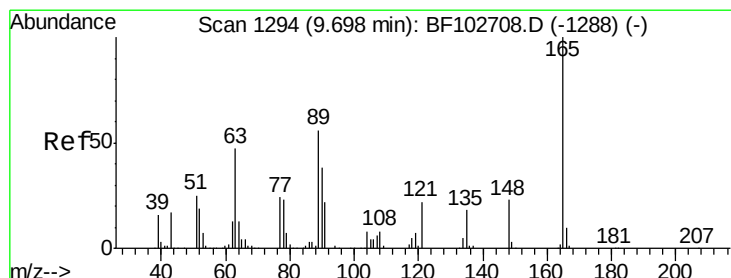
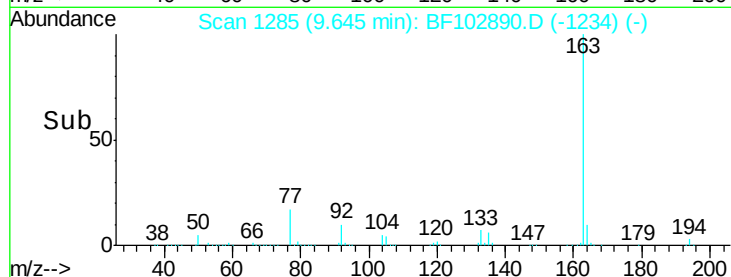
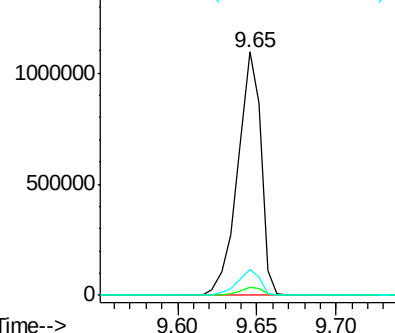
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.5	8.2	12.2

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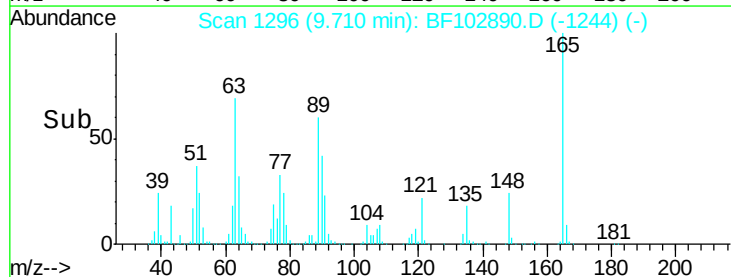
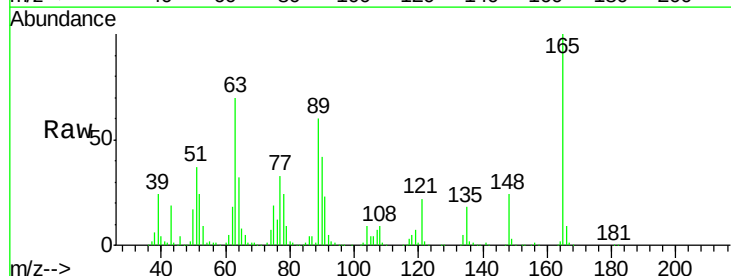
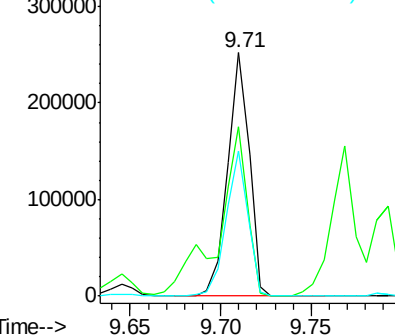
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

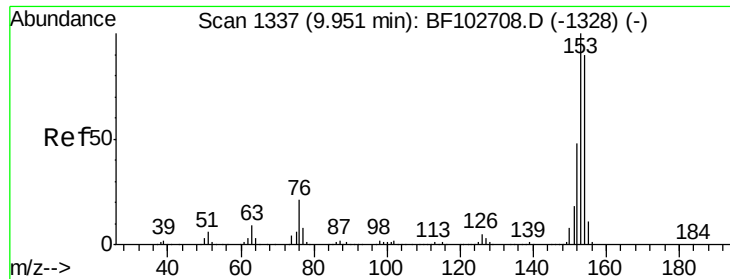


#50
2,6-Dinitrotoluene
Concen: 44.538 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.6	44.7	67.1#
89	59.8	44.0	66.0

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





#51

Acenaphthene

Concen: 36.729 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

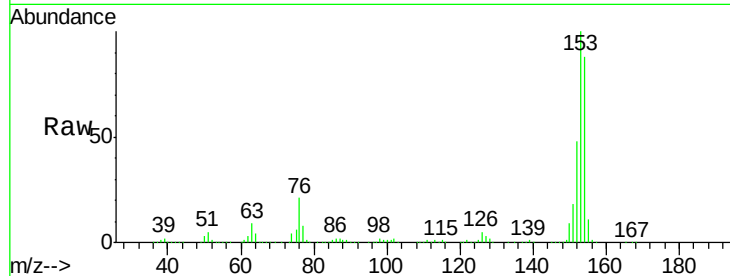
ClientSampleId :

B-21(2-4)MS

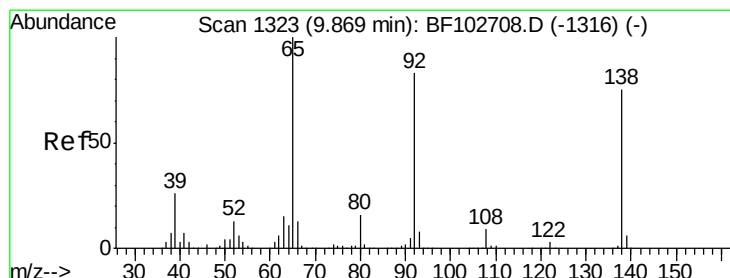
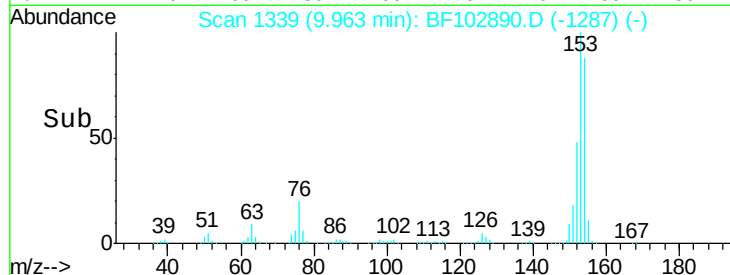
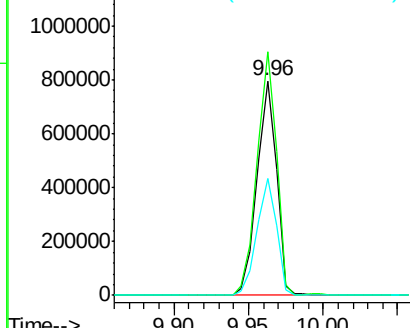
Tot Ion:	154	Resp:	713507
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.2	136.8
152	54.6	43.8	65.8

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



#52

3-Nitroaniline

Concen: 34.253 ng

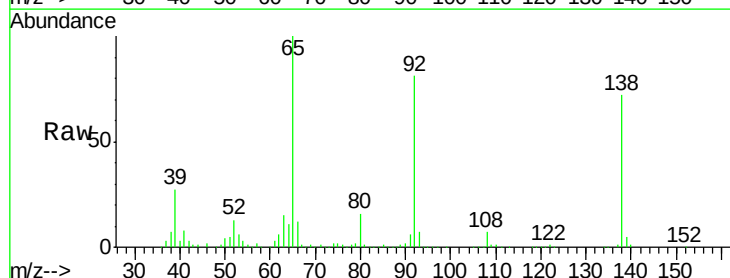
RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

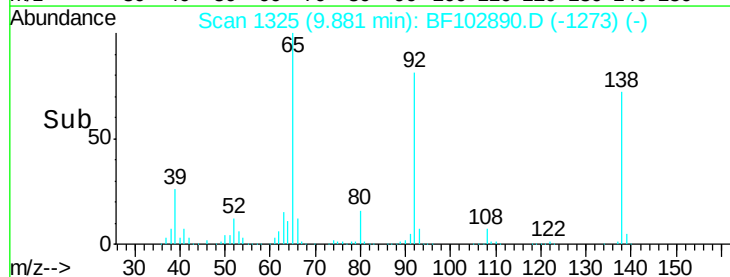
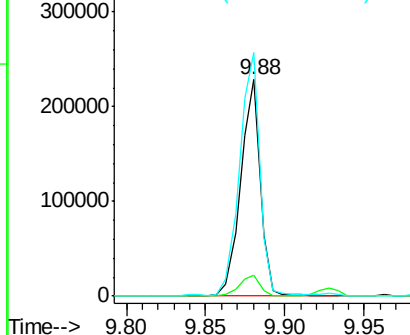
Lab File: BF102890.D

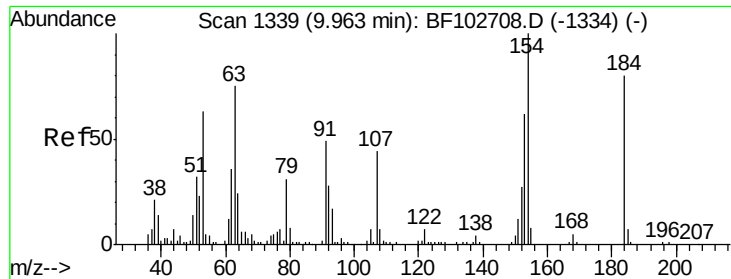
Acq: 9 Feb 2018 15:54

Tgt Ion:	138	Resp:	197198
Ion Ratio	Lower	Upper	
138	100		
108	9.5	9.4	14.0
92	112.4	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





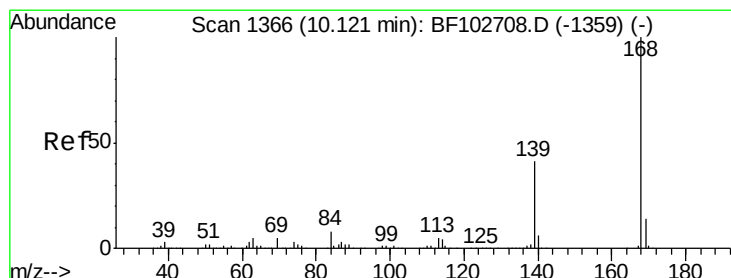
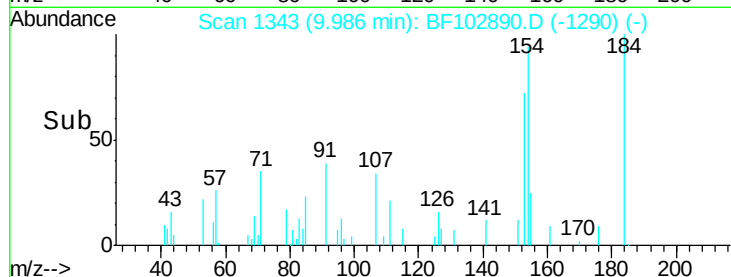
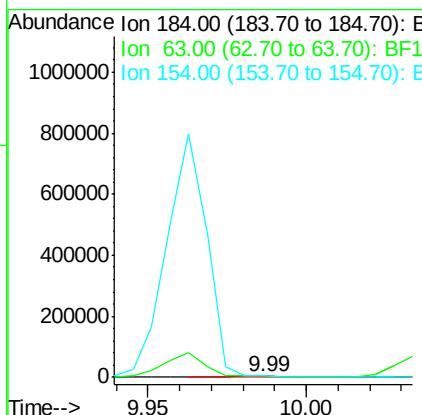
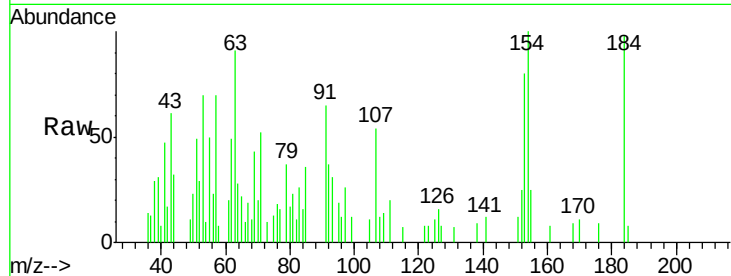
#53
2,4-Dinitrophenol
Concen: 12.538 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampled :
B-21(2-4)MS

Tot Ion:184 Resp: 3970
Ion Ratio Lower Upper
184 100
63 92.5 54.2 81.2#
154 101.7 184.0 276.0#

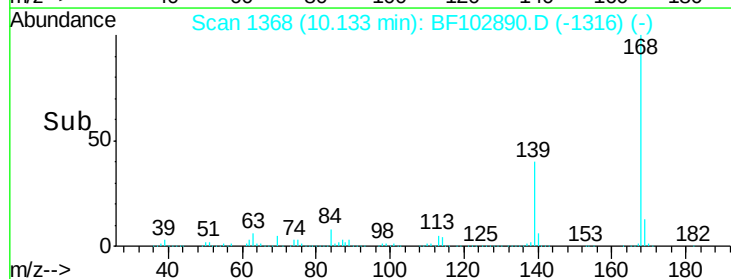
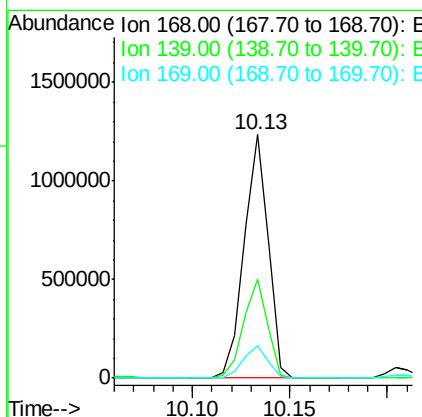
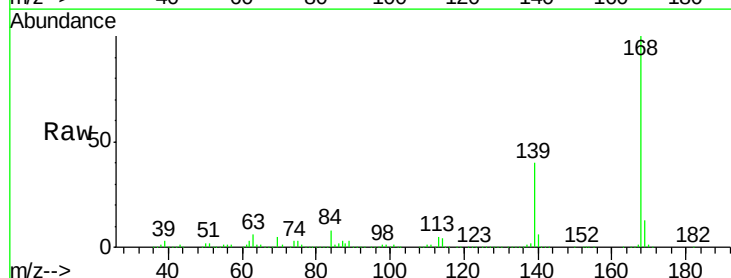
Manual Integrations
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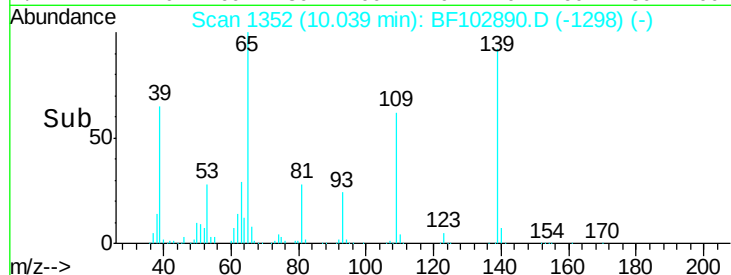
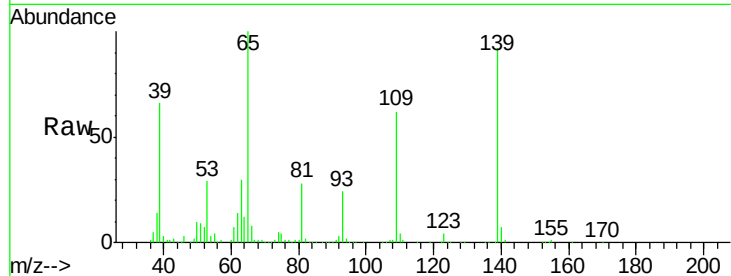
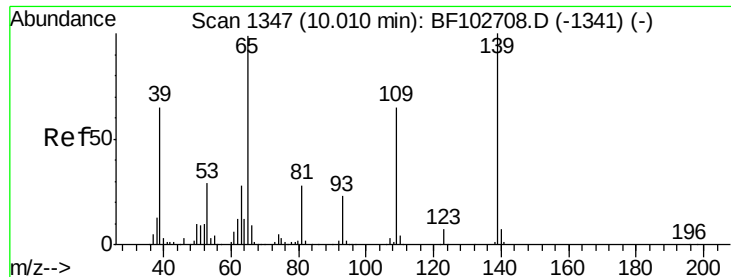
Sohil
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#54
Dibenzofuran
Concen: 38.597 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion:168 Resp: 1056672
Ion Ratio Lower Upper
168 100
139 40.4 30.1 45.1
169 13.5 10.9 16.3





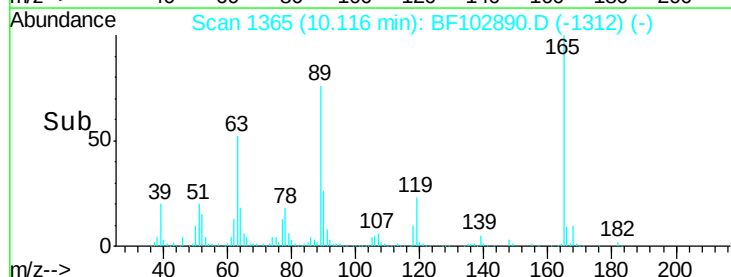
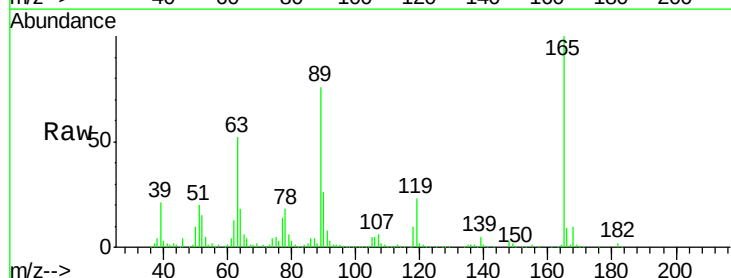
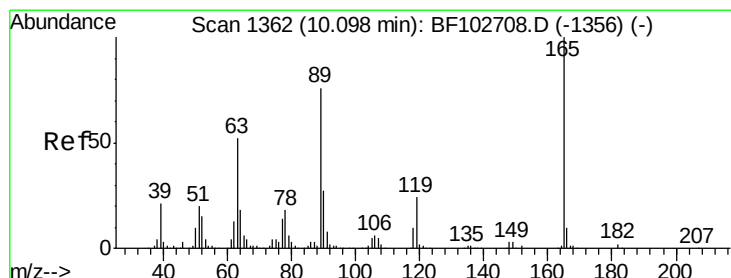
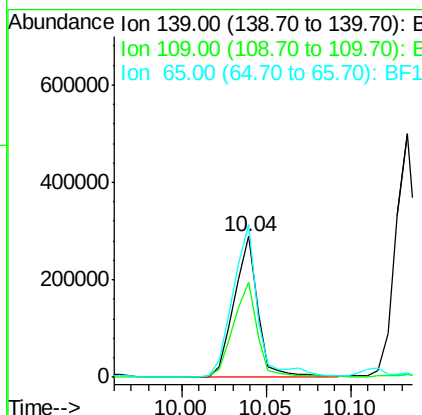
#55
4-Nitrophenol
Concen: 61.027 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tot Ion	Ratio	Resp	Lower	Upper
139	100	283971		
109	67.4	48.4	88.4	
65	108.7	72.6	112.6	

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

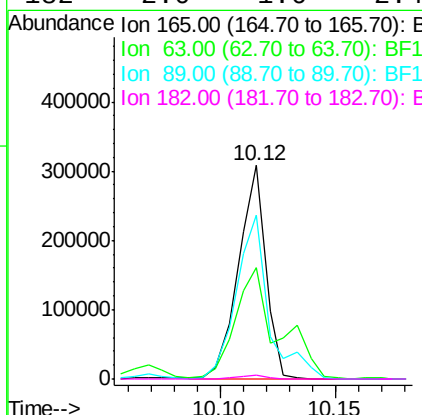
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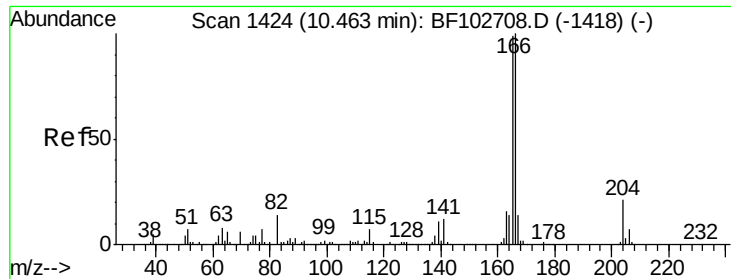
Sohil
2/13/2018 4:36:31 AM



#56
2,4-Dinitrotoluene
Concen: 41.051 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	254610		
63	52.4	36.4	54.6	
89	76.5	57.8	86.6	
182	2.0	1.6	2.4	





#57

Fluorene

Concen: 38.693 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

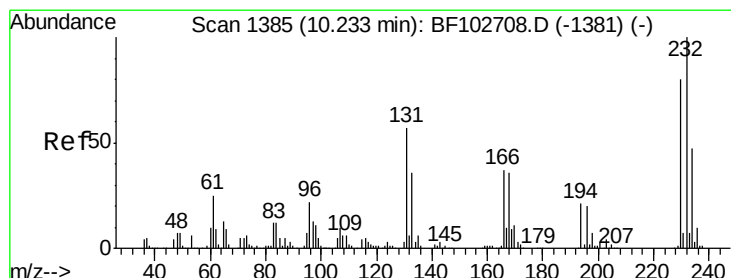
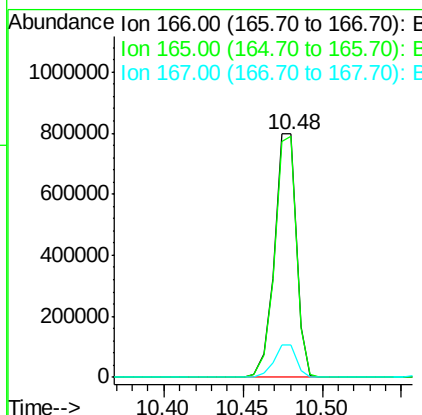
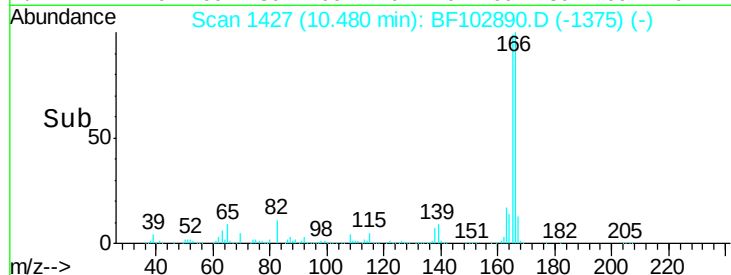
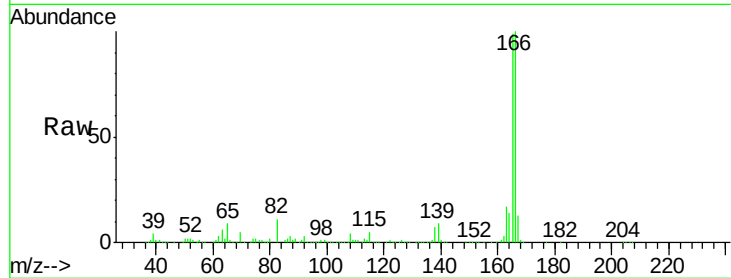
ClientSampled :

B-21(2-4)MS

Tot Ion:	166	Resp:	770710
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.8	119.8
167	13.2	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.118 ng

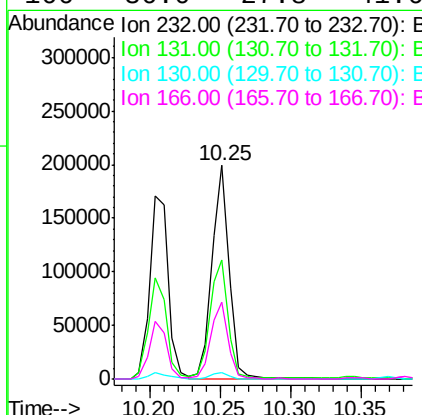
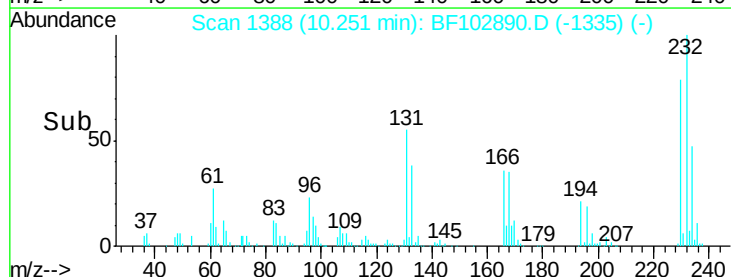
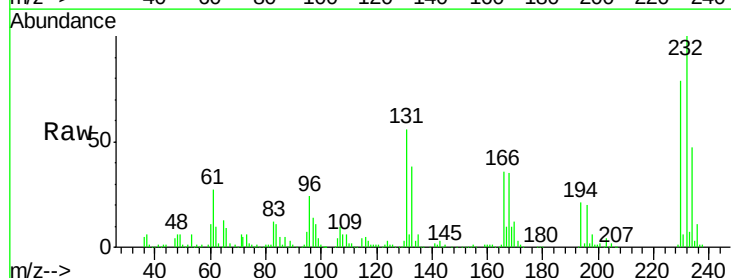
RT: 10.25 min Scan# 1388

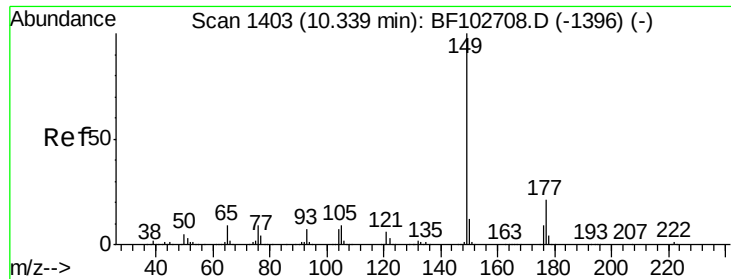
Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tgt Ion:	232	Resp:	167964
Ion Ratio	Lower	Upper	
232	100		
131	58.1	43.8	65.8
130	3.2	2.1	3.1#
166	36.0	27.8	41.6





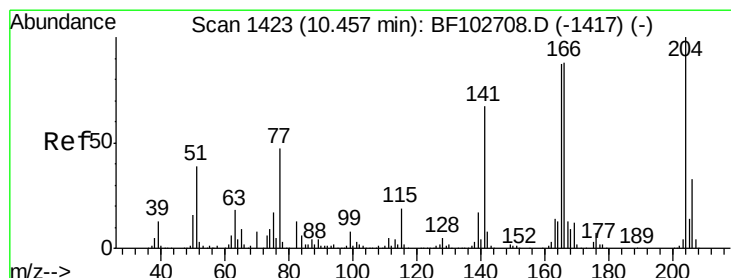
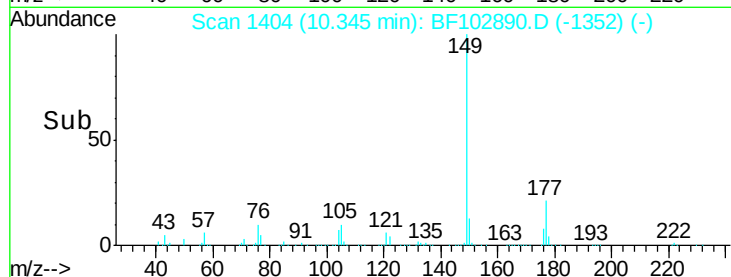
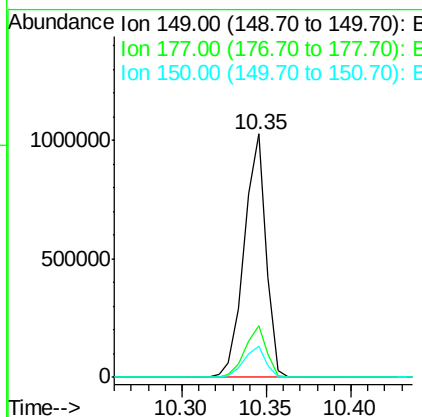
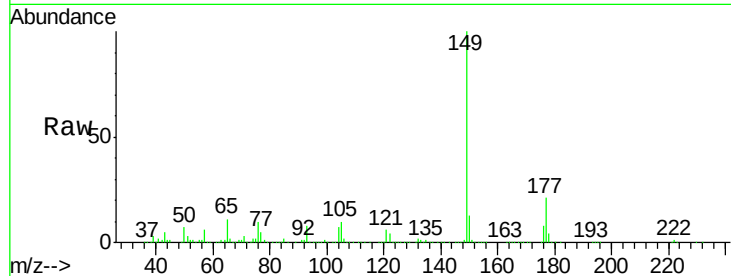
#59
Diethylphthalate
Concen: 38.132 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampled :
B-21(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	925967		
177	21.1		16.1	24.1
150	12.6		10.1	15.1

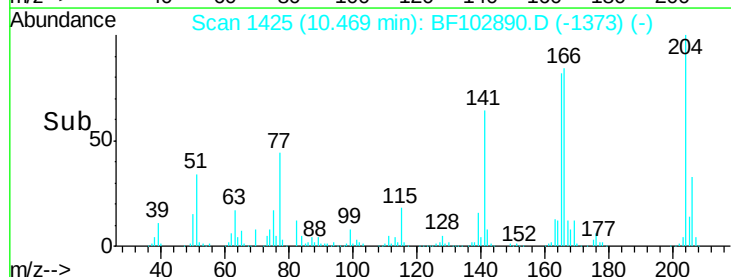
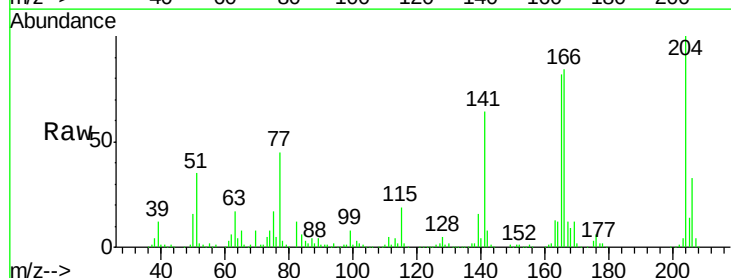
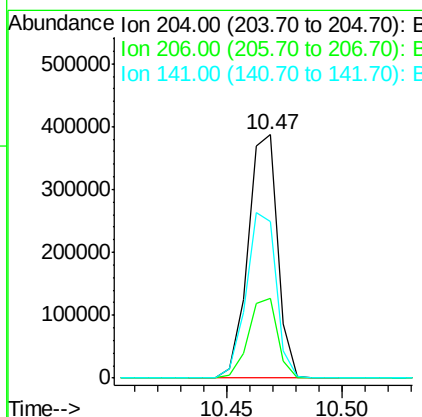
Manual Integrations
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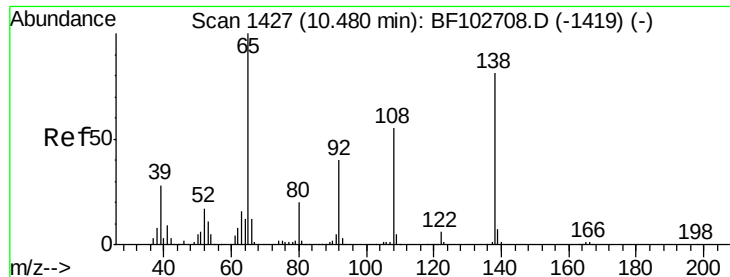
Sohil
2/13/2018 4:36:31 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.447 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	347584		
206	32.6		26.5	39.7
141	64.2		54.6	81.8





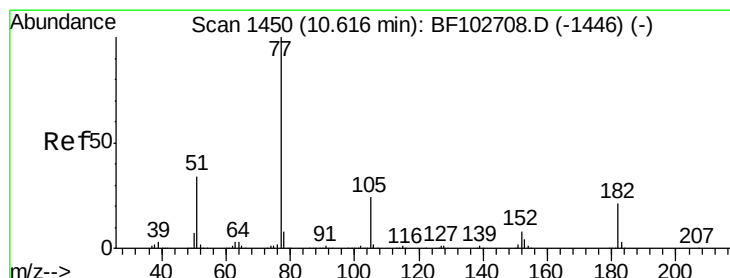
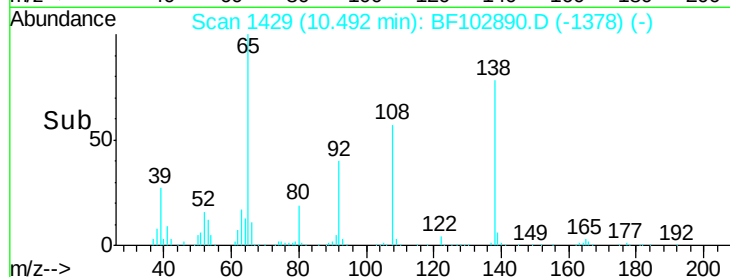
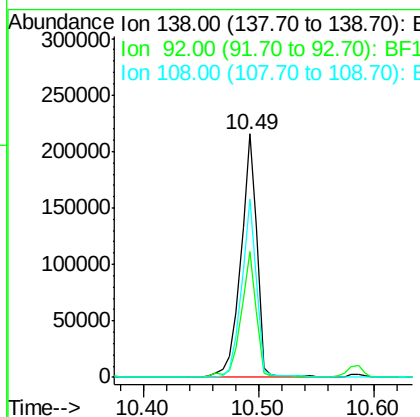
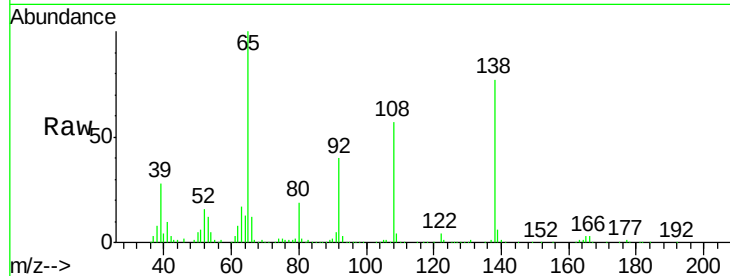
#61
4-Nitroaniline
Concen: 38.271 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	209721		
92	51.9	30.2	70.2	
108	73.4	52.5	92.5	

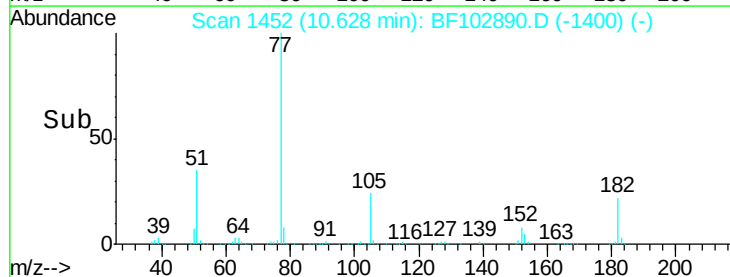
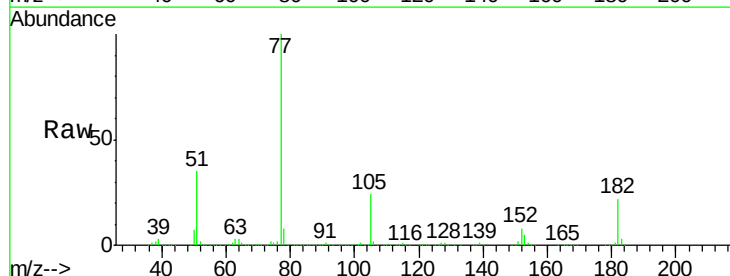
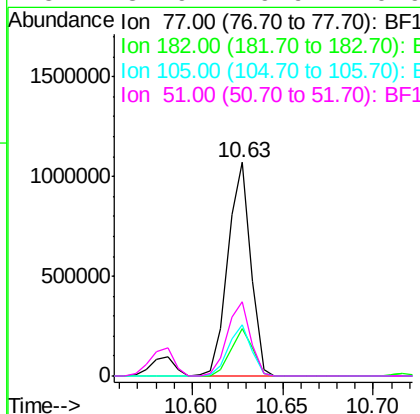
Manual Integrations
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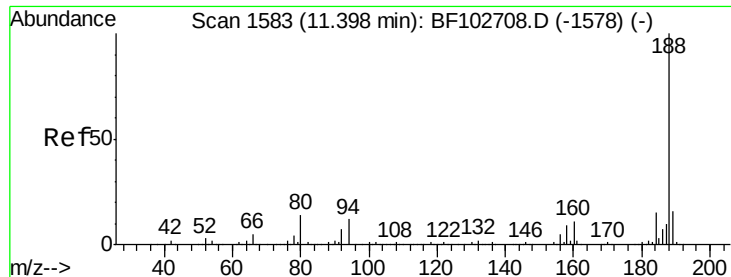
Sohil
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#62
Azobenzene
Concen: 38.658 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	937795		
182	22.3	1.7	41.7	
105	23.7	3.0	43.0	
51	34.9	9.9	49.9	





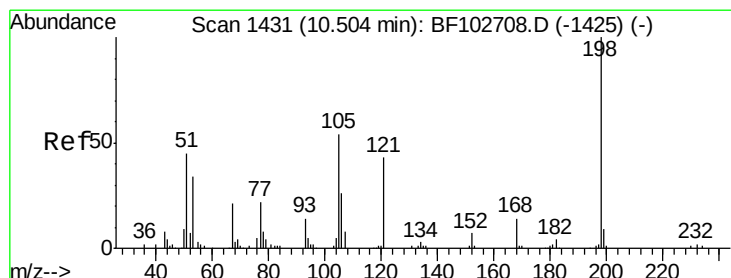
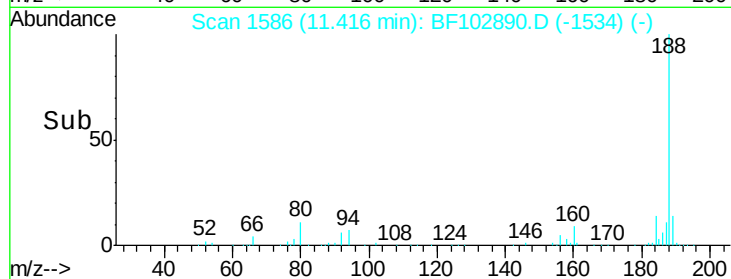
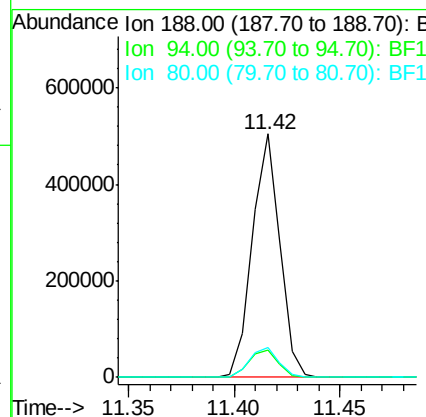
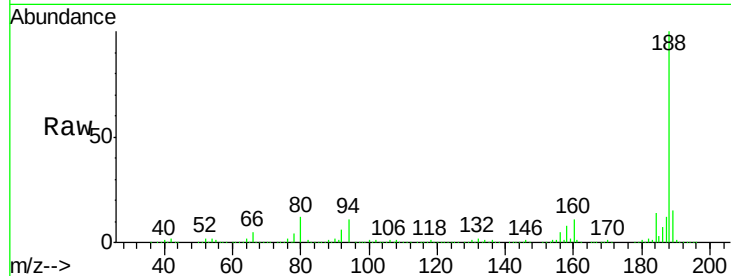
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	458904		
94	11.3		8.5	12.7
80	12.1		9.2	13.8

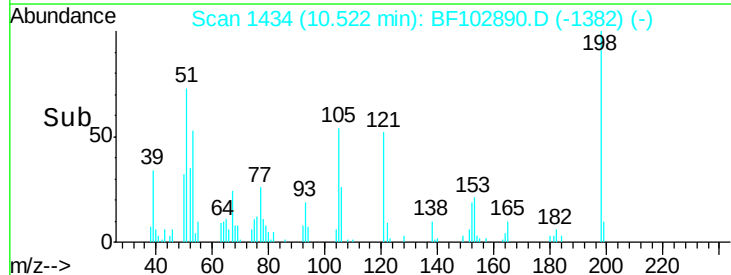
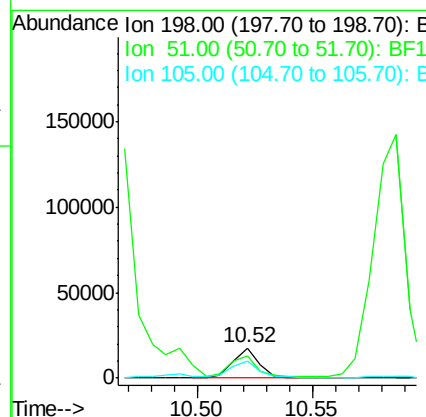
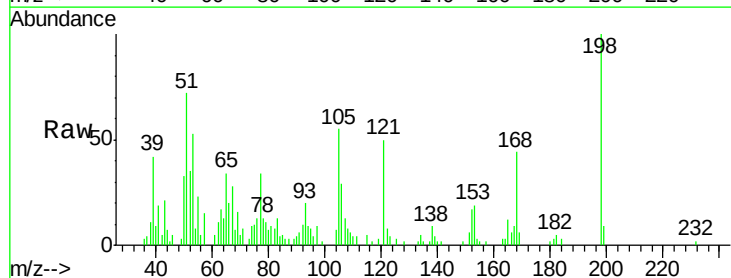
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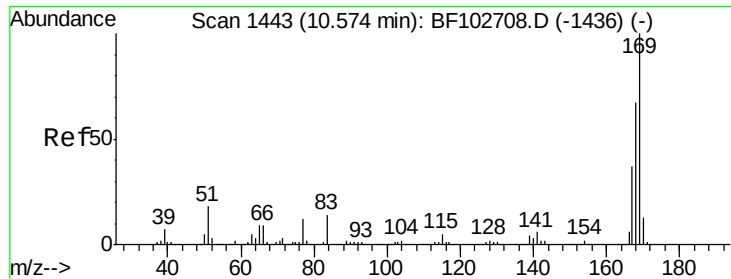
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 15.361 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	13837		
51	72.3		37.7	77.7
105	55.5		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 43.209 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

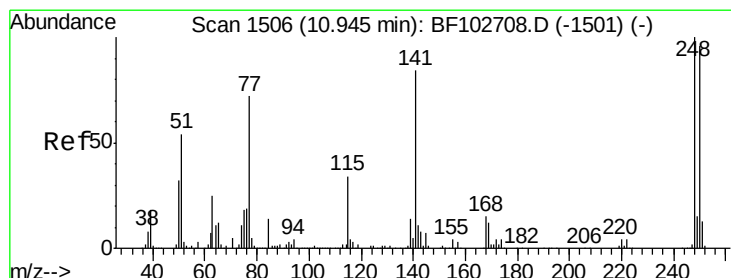
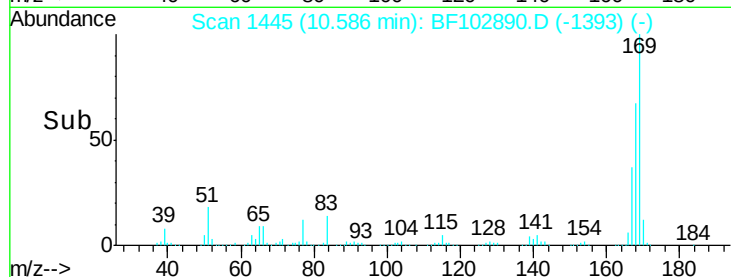
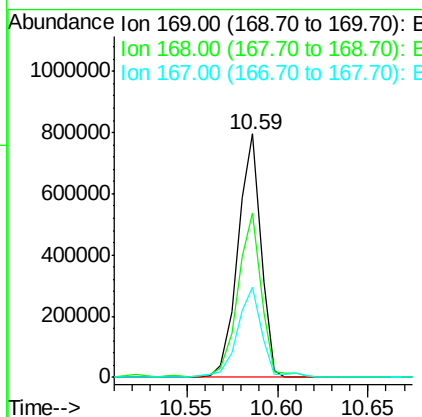
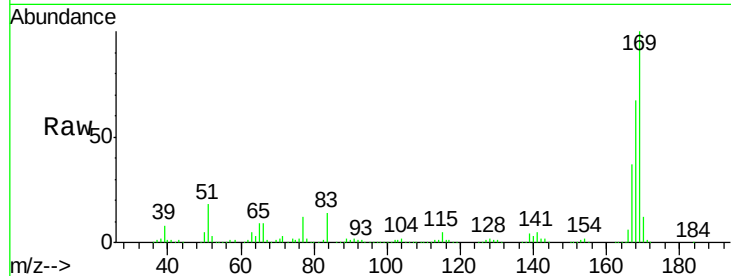
ClientSampled :

B-21(2-4)MS

Tot Ion:	169	Resp:	699413
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.4	81.6
167	36.8	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 41.659 ng

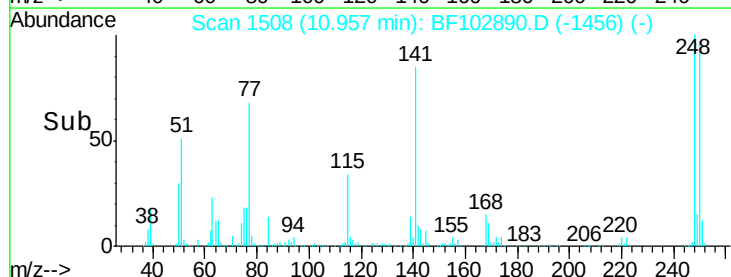
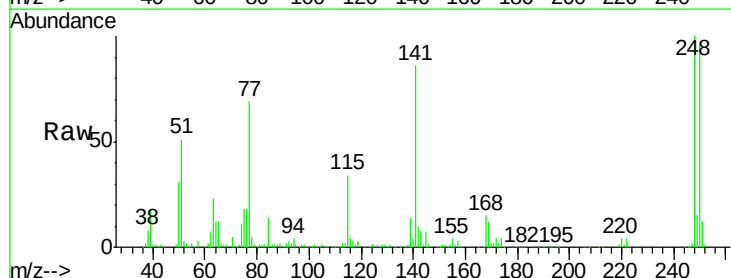
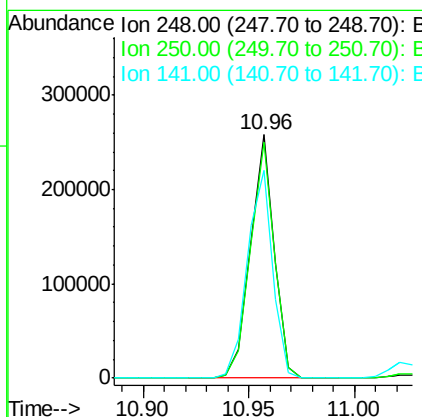
RT: 10.96 min Scan# 1508

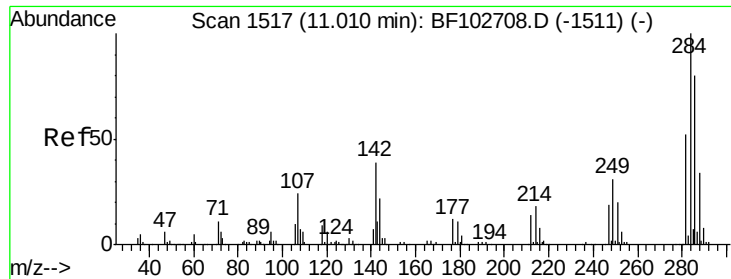
Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tgt Ion:	248	Resp:	202228
Ion Ratio	Lower	Upper	
248	100		
250	96.9	76.9	115.3
141	85.6	74.4	111.6





#67

Hexachlorobenzene

Concen: 37.101 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

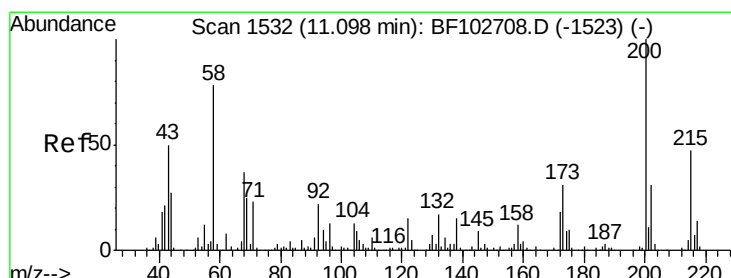
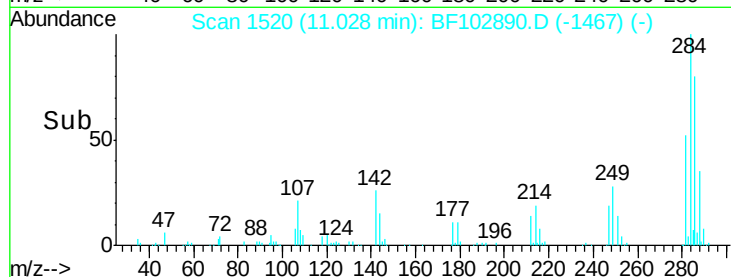
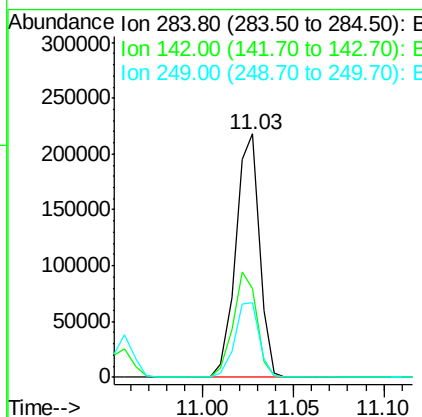
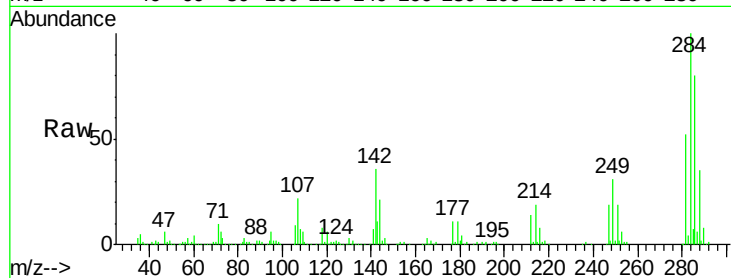
ClientSampleId :

B-21(2-4)MS

Tot Ion:	284	Resp:	198687
Ion Ratio		Lower	Upper
284	100		
142	36.3	34.6	52.0
249	30.9	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 42.992 ng

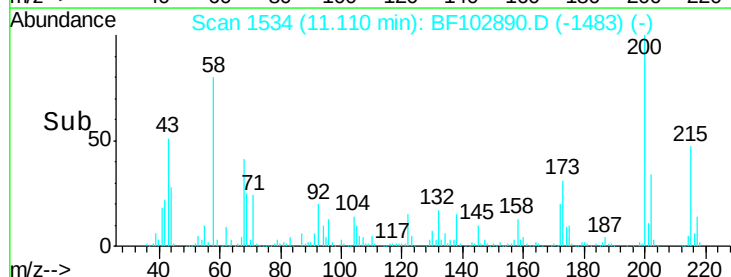
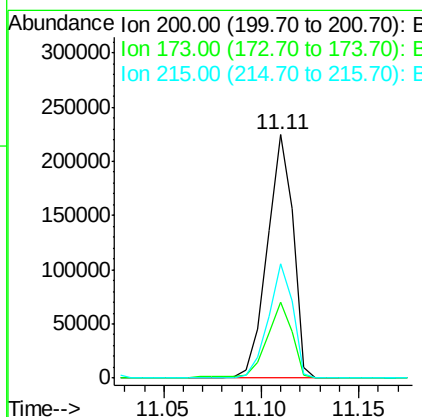
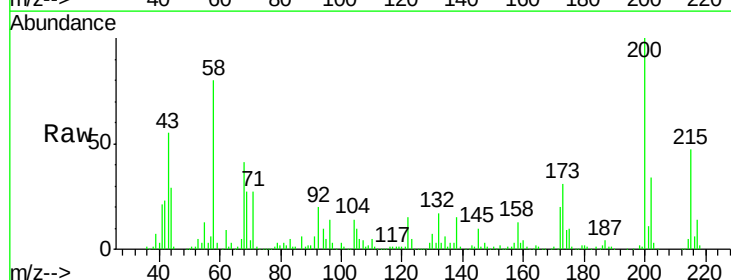
RT: 11.11 min Scan# 1534

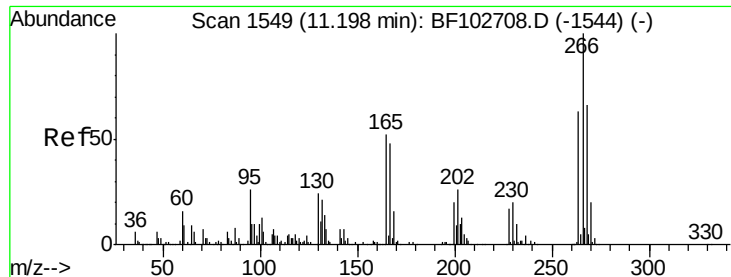
Delta R.T. 0.00 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tgt Ion:	200	Resp:	205301
Ion Ratio		Lower	Upper
200	100		
173	31.0	8.6	48.6
215	46.9	25.1	65.1





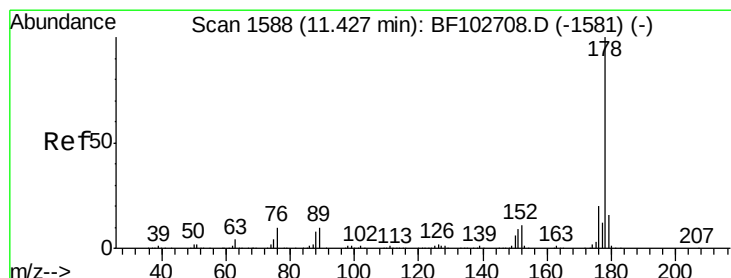
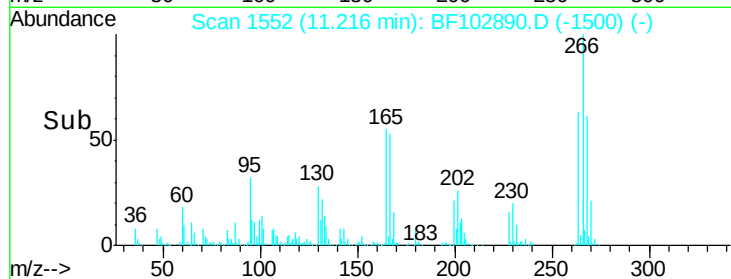
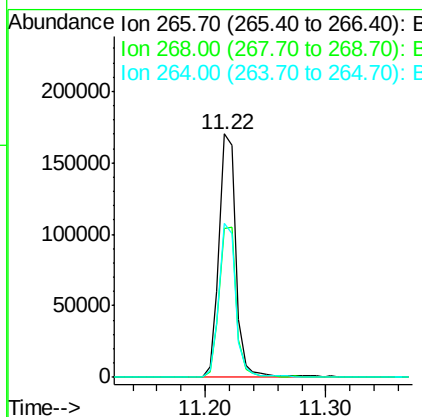
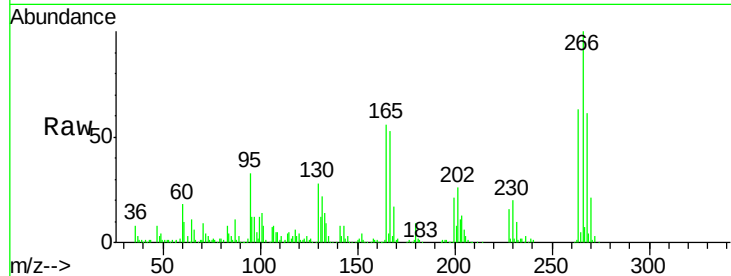
#69
 Pentachlorophenol
 Concen: 52.514 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 B-21(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	165084		
268	61.3	51.1	76.7	
264	63.3	49.5	74.3	

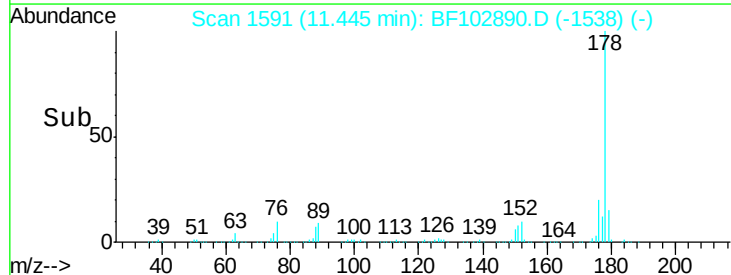
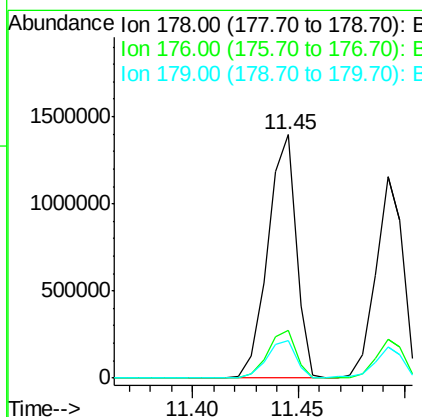
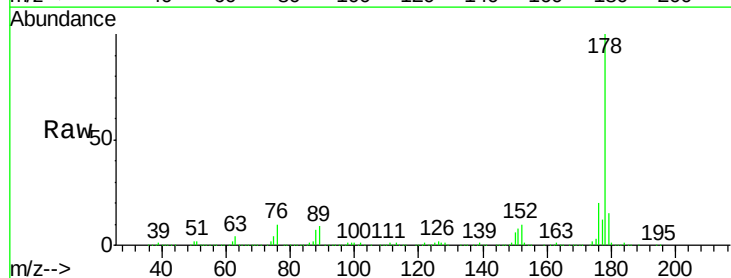
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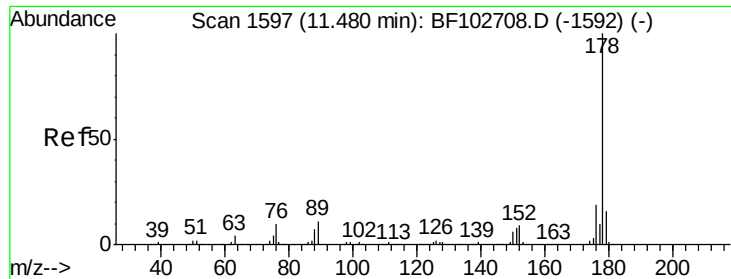
Sohil
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#70
 Phenanthrene
 Concen: 51.218 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1309033		
176	19.9	15.8	23.8	
179	15.4	13.0	19.6	





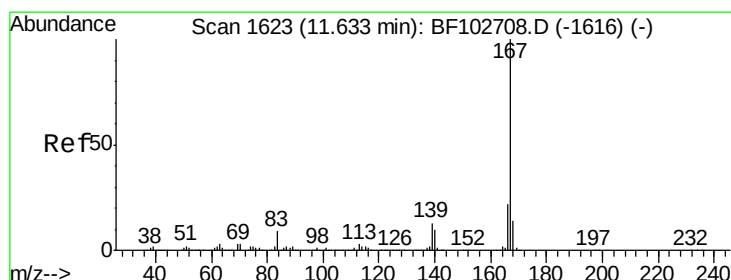
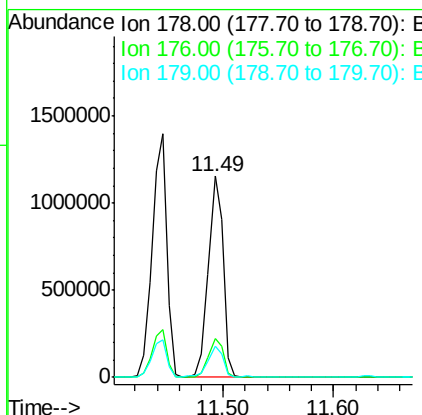
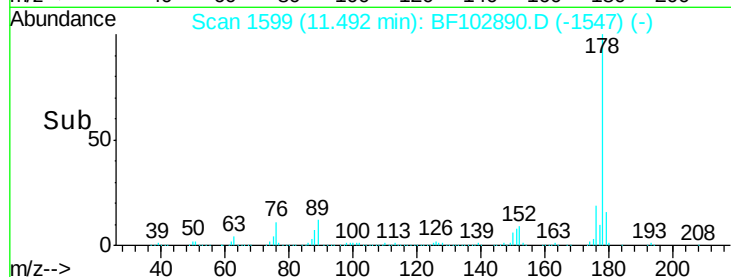
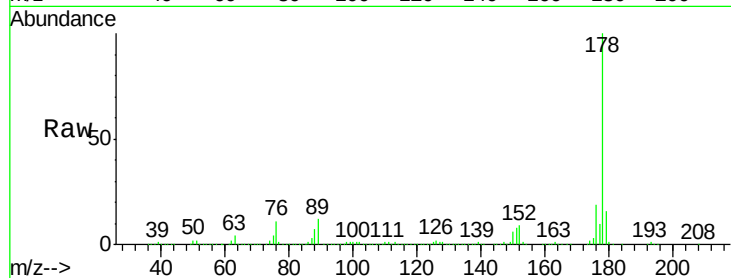
#71
 Anthracene
 Concen: 39.912 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 B-21(2-4)MS

Tot Ion:178 Resp: 1037518
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 12.6 19.0

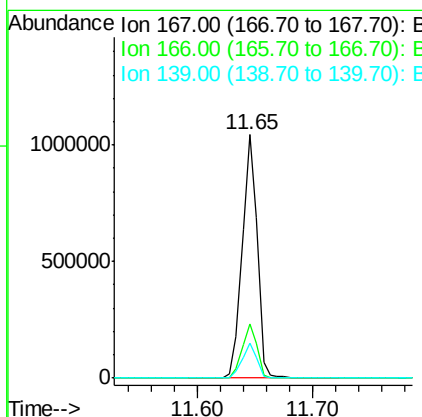
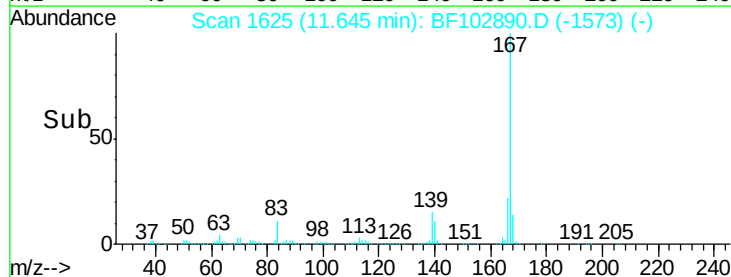
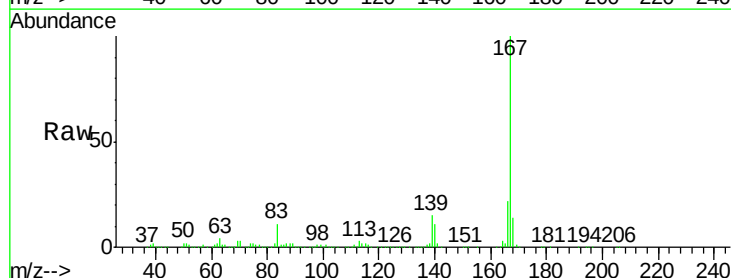
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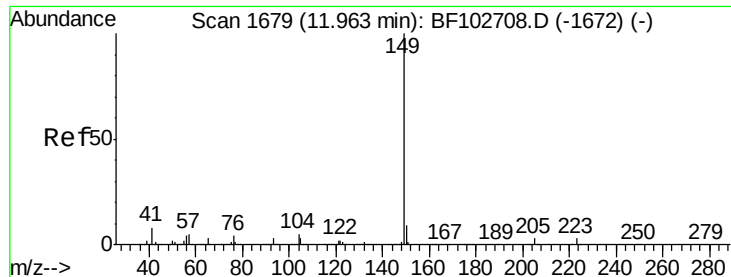
Sohil
 2/13/2018 4:36:31 AM



#72
 Carbazole
 Concen: 37.122 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Tgt Ion:167 Resp: 945380
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.615 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

ClientSampleId :

B-21(2-4)MS

Tot Ion:149 Resp: 1287371

Ion Ratio Lower Upper

149 100

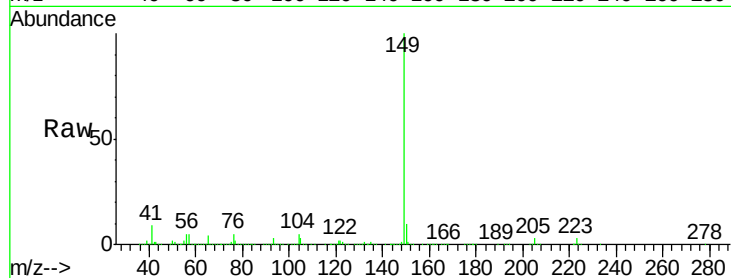
150 9.7 7.8 11.6

104 5.1 3.8 5.8

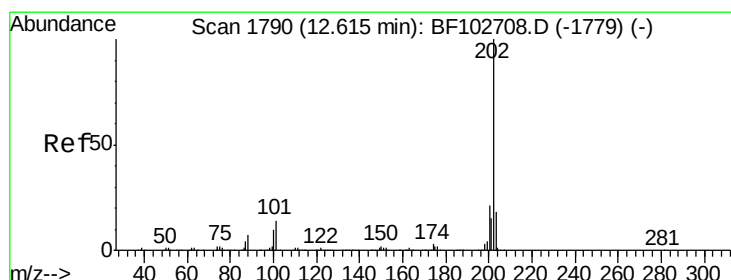
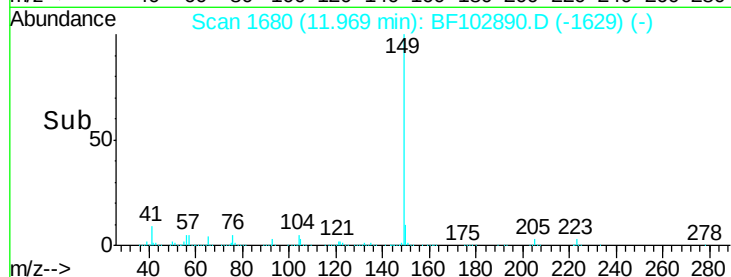
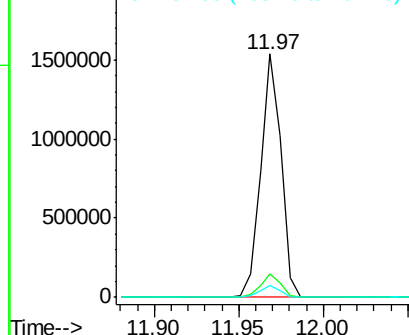
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.402 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

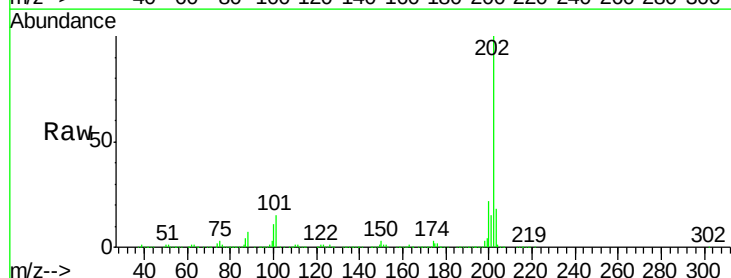
Tgt Ion:202 Resp: 1296044

Ion Ratio Lower Upper

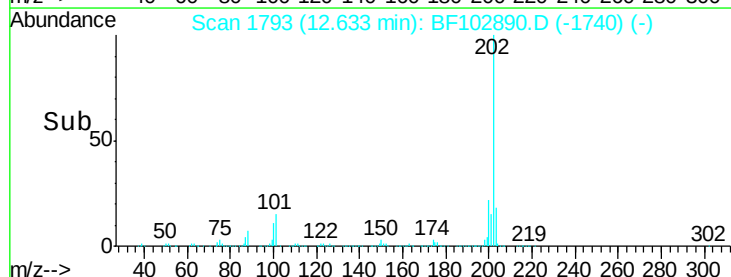
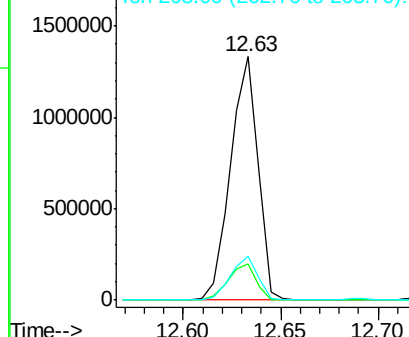
202 100

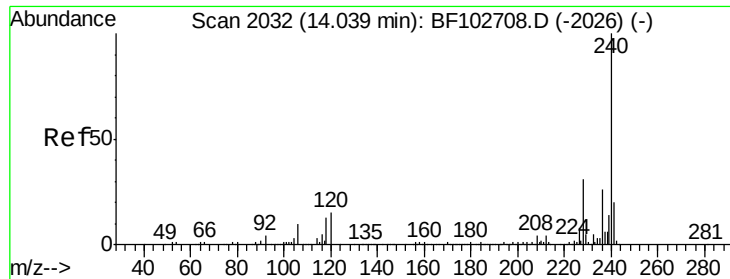
101 14.7 0.0 34.1

203 18.0 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

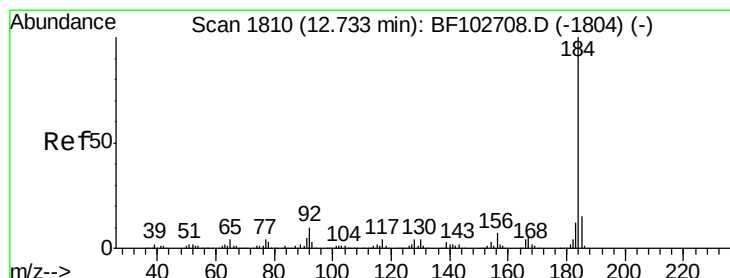
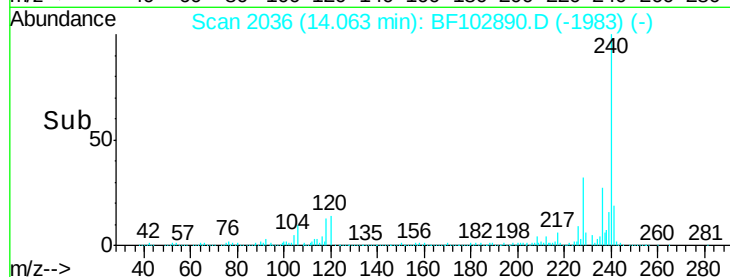
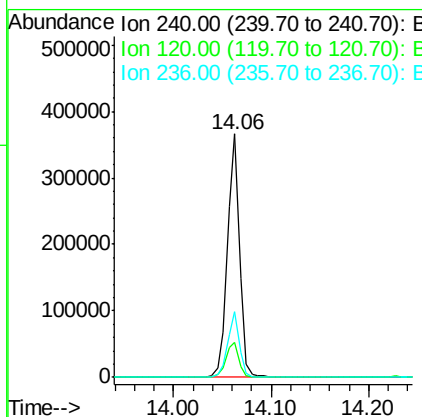
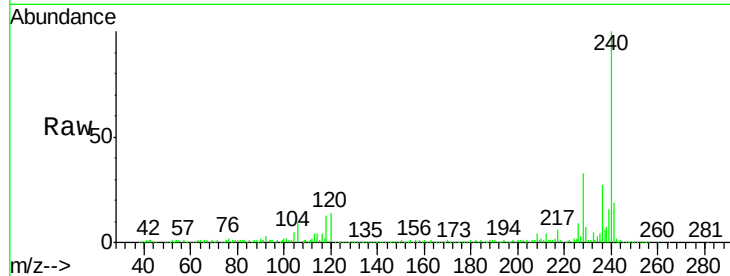
ClientSampleId :

B-21(2-4)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3
236	27.0	20.7	31.1

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#76

Benzidine

Concen: 34.617 ng

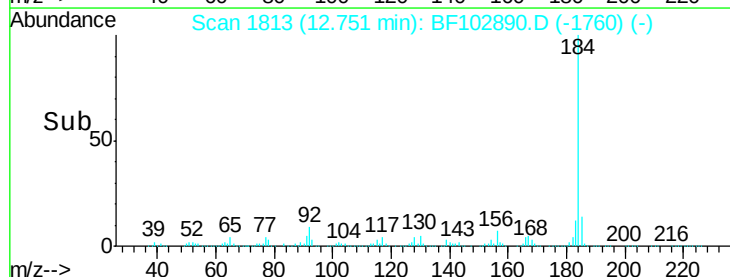
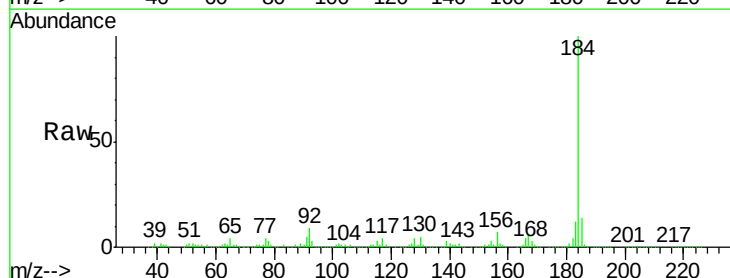
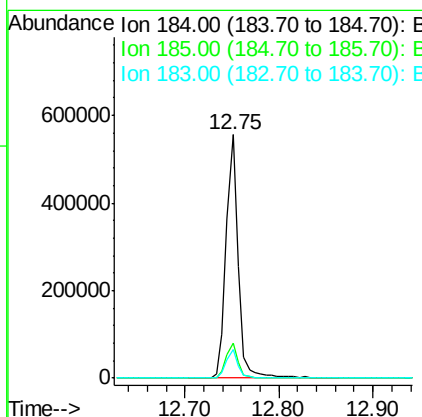
RT: 12.75 min Scan# 1813

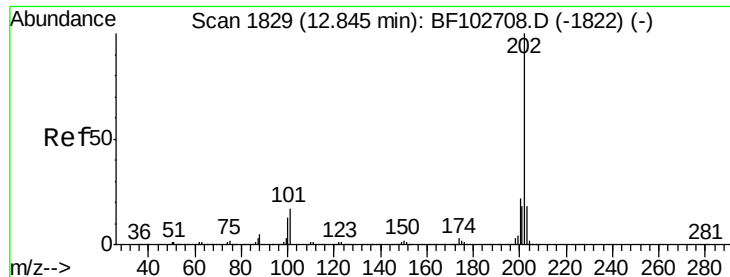
Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	11.7	9.3	13.9





#77

Pvrene

Concen: 50.020 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

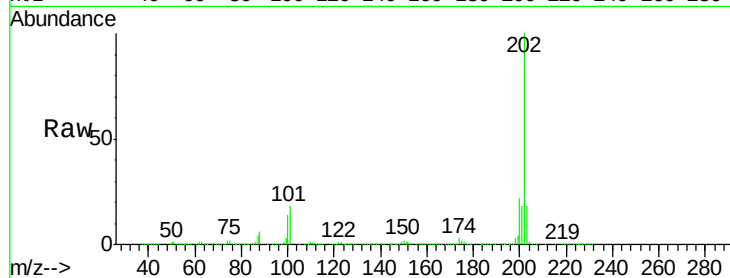
ClientSampleId :

B-21(2-4)MS

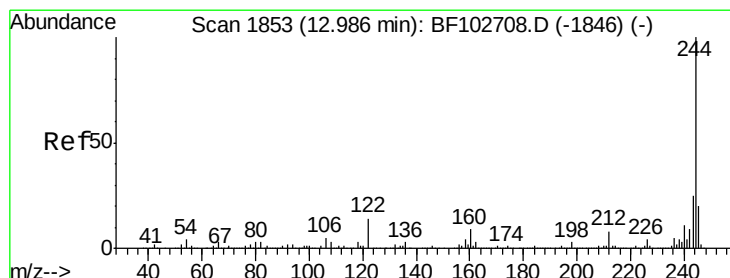
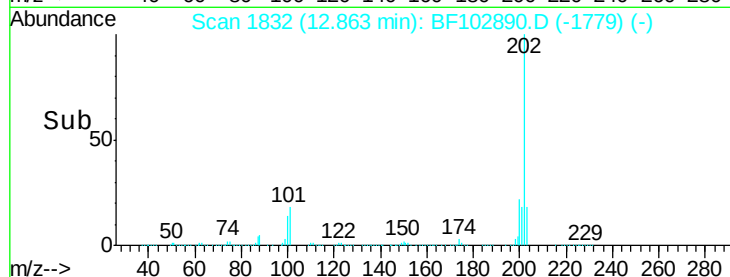
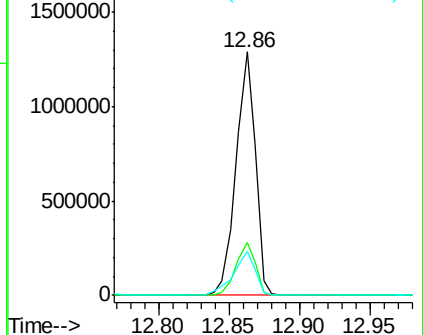
Tot Ion:	202	Resp:	1235543
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.0	14.3	21.5

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



#78

Terphenyl-d14

Concen: 81.809 ng

RT: 13.00 min Scan# 1855

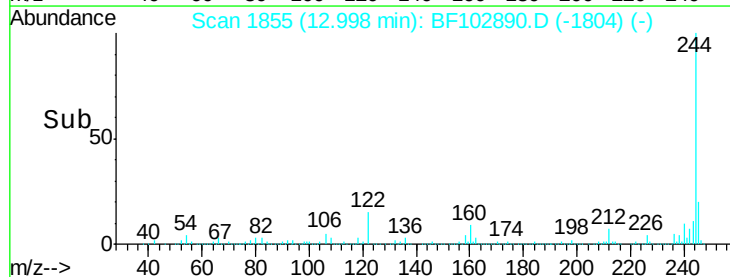
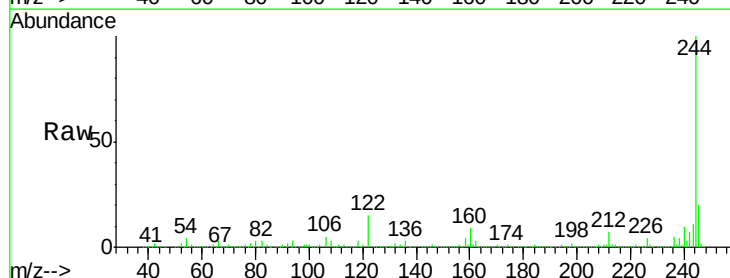
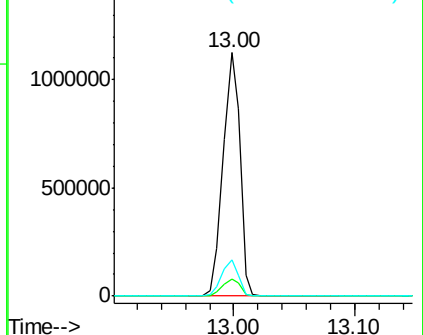
Delta R.T. 0.00 min

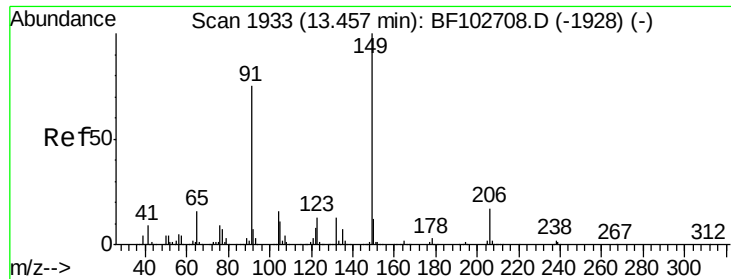
Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tgt Ion:	244	Resp:	1088359
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.0	11.0	16.4

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





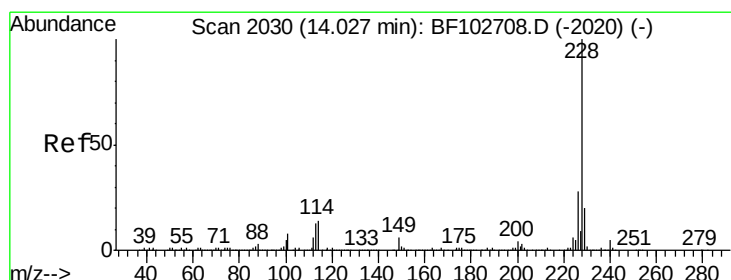
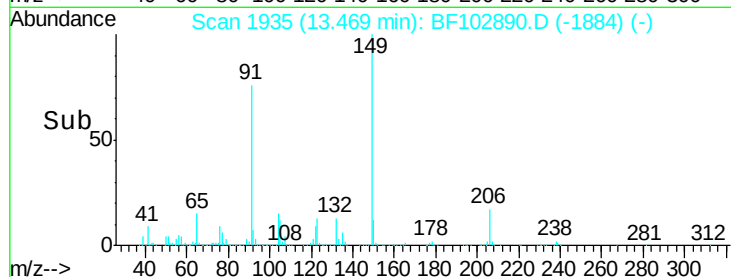
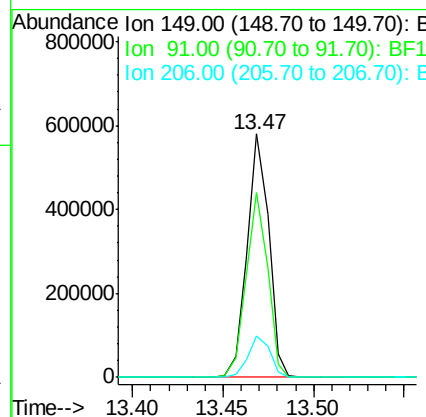
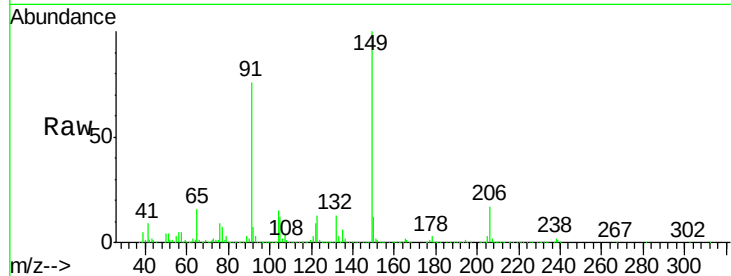
#79
Butylbenzylphthalate
Concen: 40.770 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.8	56.8	85.2
206	17.0	14.1	21.1

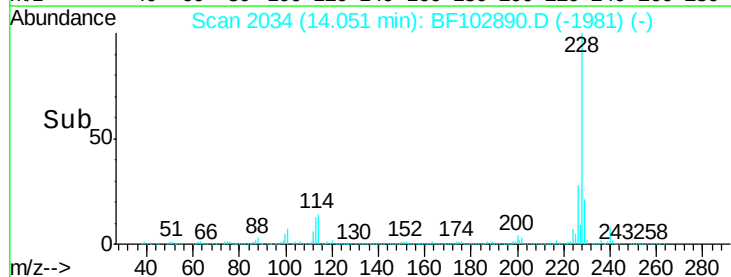
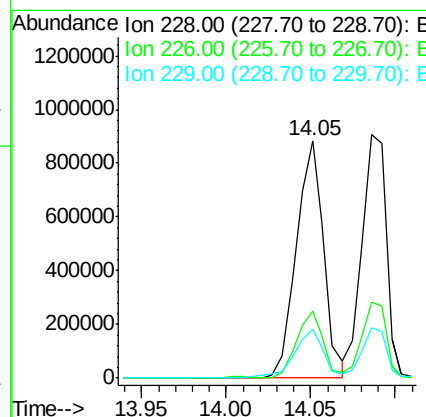
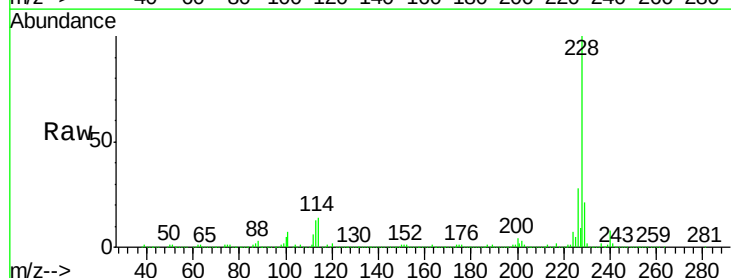
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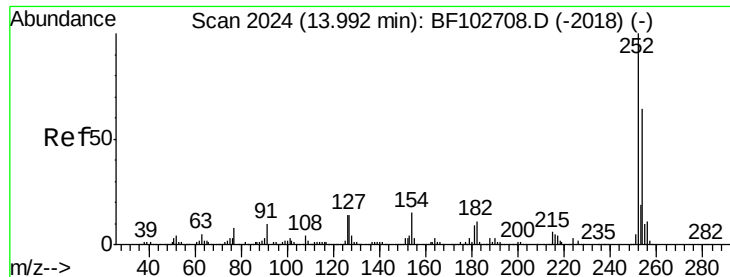
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#80
Benzo(a)anthracene
Concen: 49.919 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.6	15.8	23.6





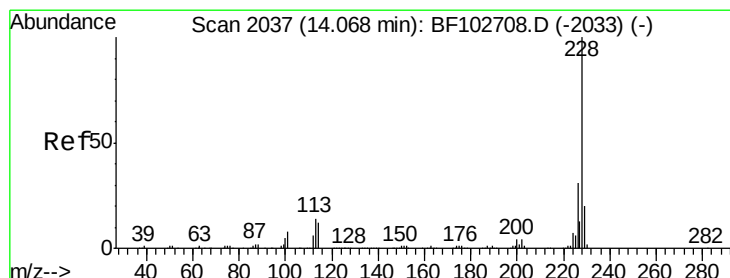
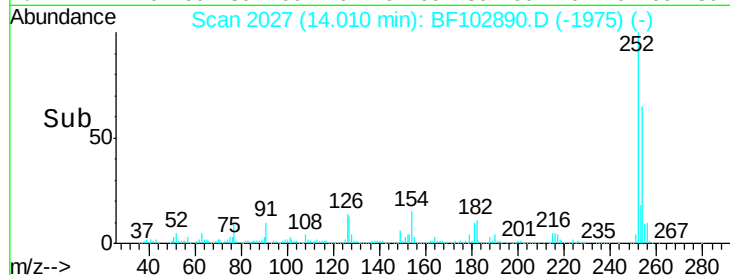
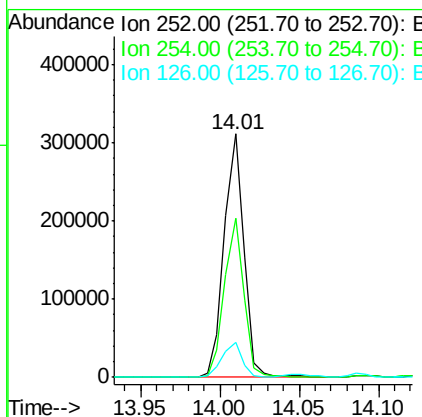
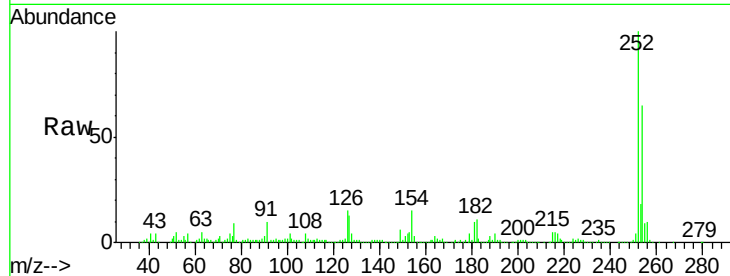
#81
 3,3'-Dichlorobenzidine
 Concen: 36.876 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 B-21(2-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	270861		
254	65.4		50.4	75.6
126	14.6		11.3	16.9

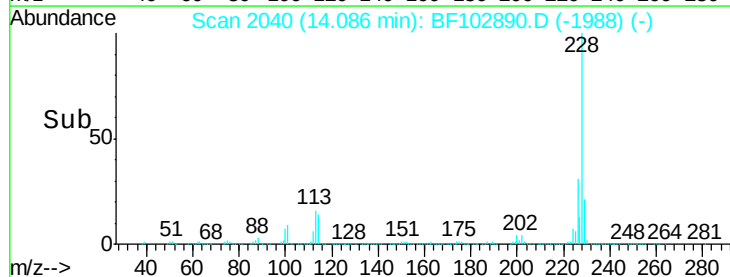
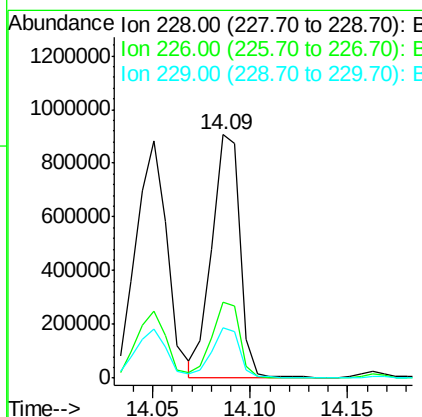
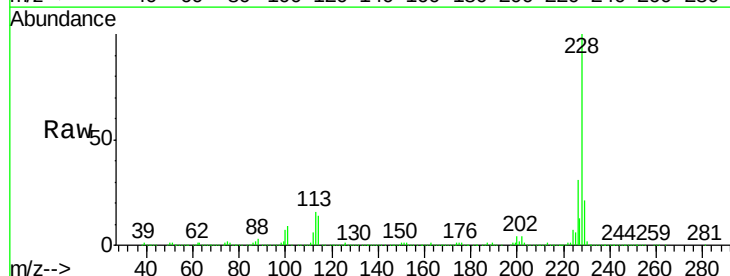
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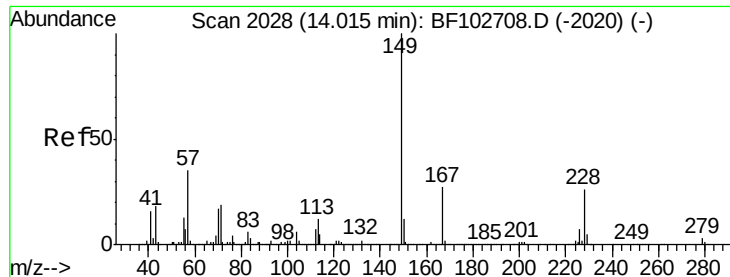
Sohil
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#82
 Chrysene
 Concen: 45.324 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	905119		
226	31.1		25.0	37.6
229	20.8		16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.063 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Instrument :

BNA_F

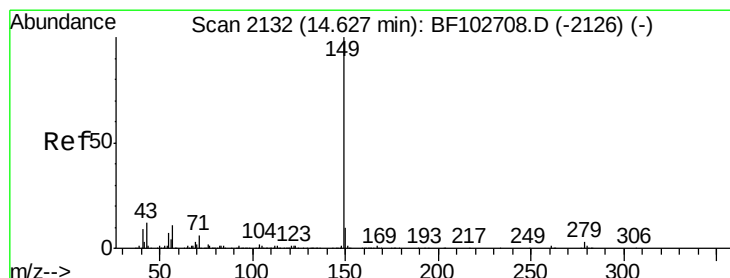
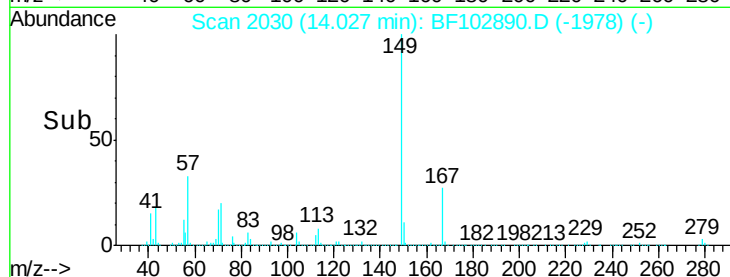
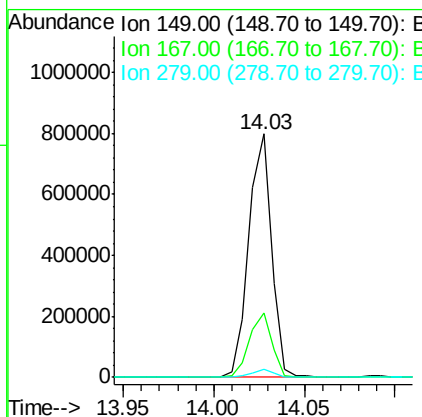
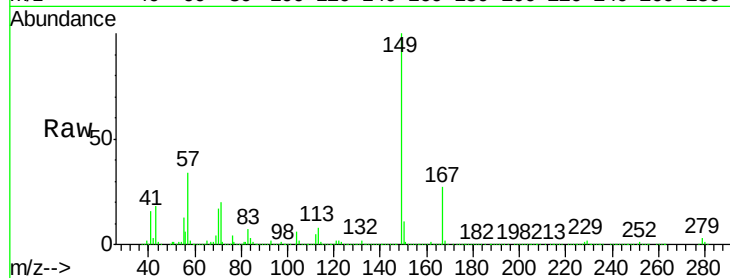
ClientSampleId :

B-21(2-4)MS

Tot Ion:	149	Resp:	697005
Ion Ratio		Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.2	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 52.490 ng

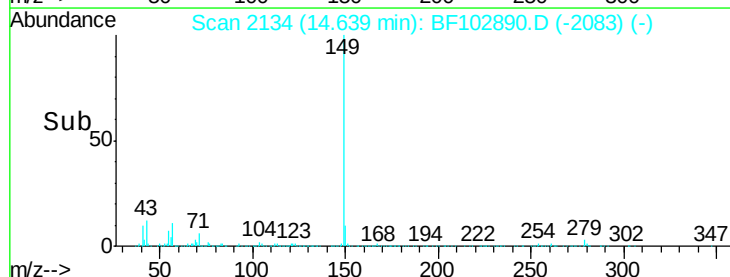
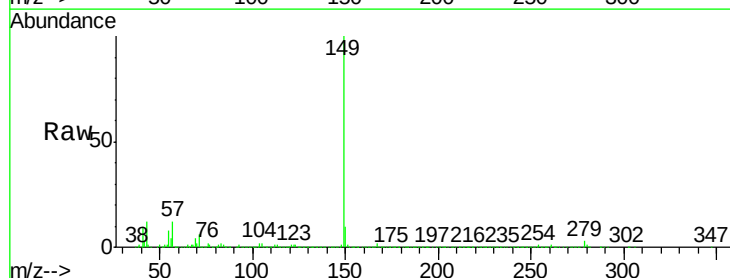
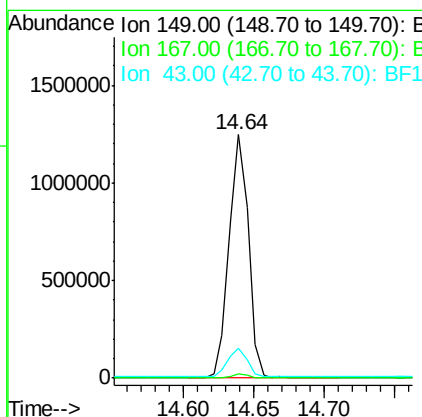
RT: 14.64 min Scan# 2134

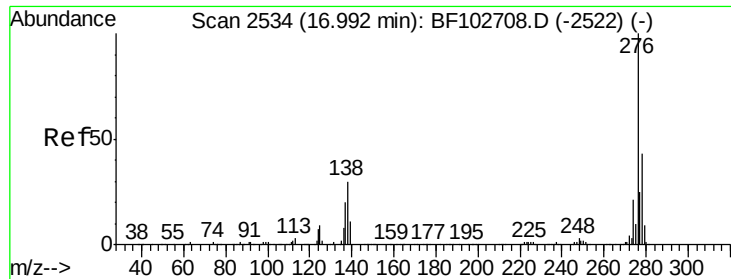
Delta R.T. 0.00 min

Lab File: BF102890.D

Acq: 9 Feb 2018 15:54

Tgt Ion:	149	Resp:	1192596
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.8	8.4	12.6





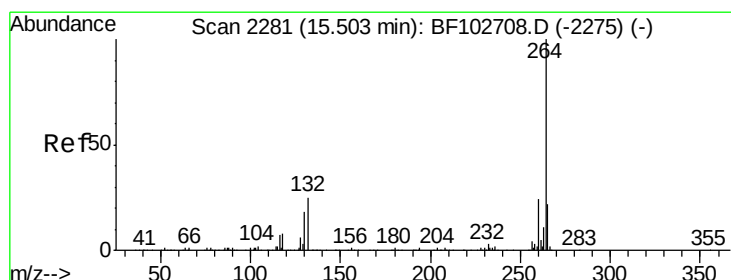
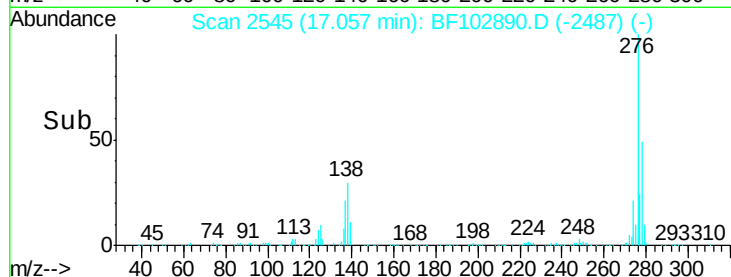
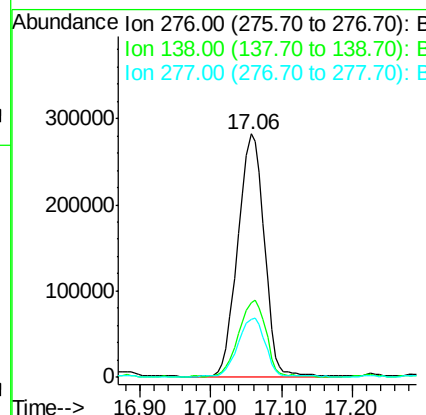
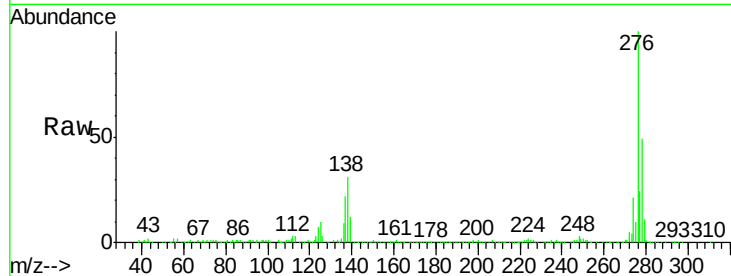
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.338 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.04 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.0	37.6
277	25.5	20.1	30.1

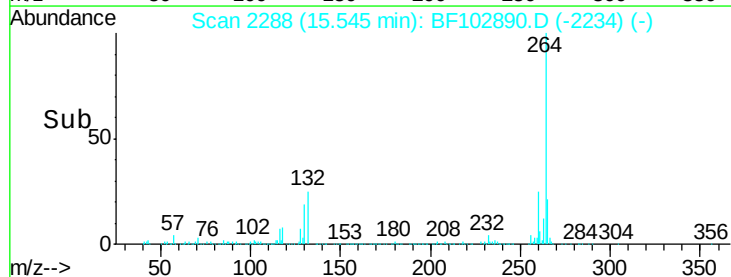
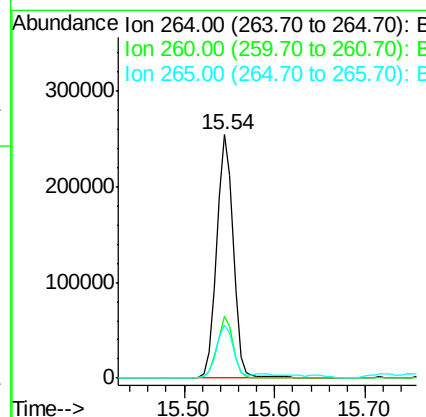
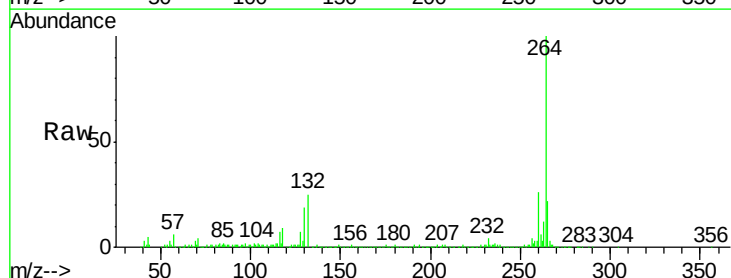
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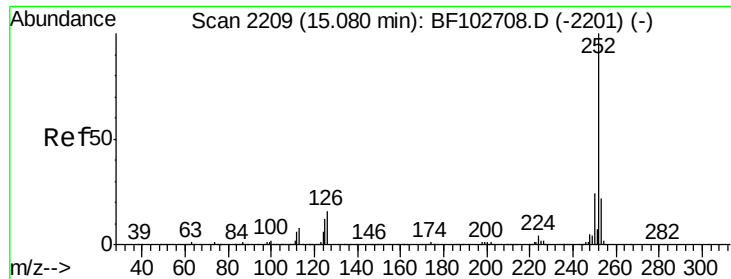
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	21.6	17.5	26.3





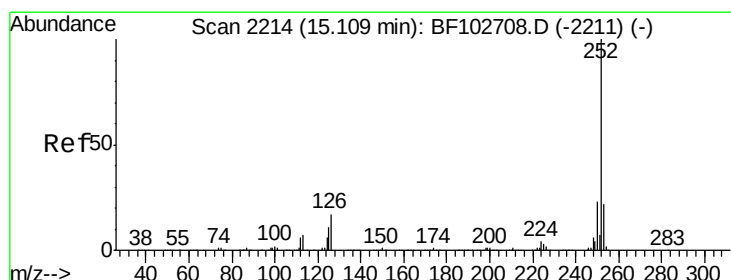
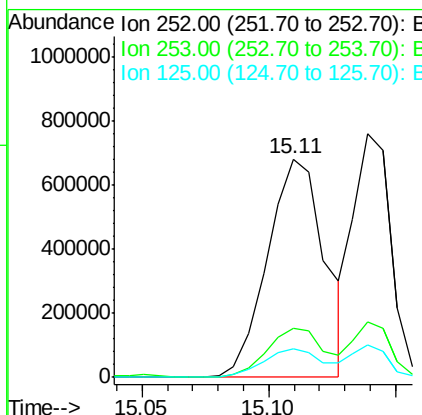
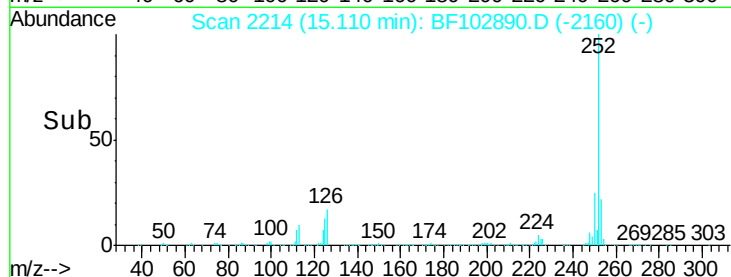
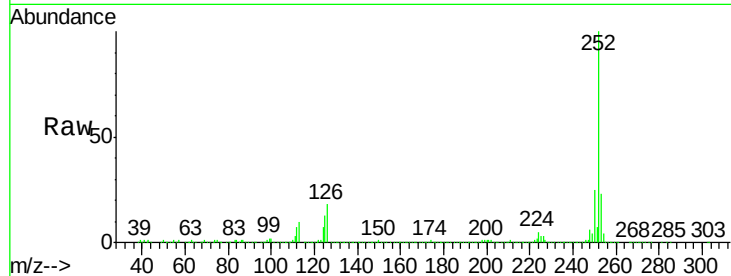
#87
Benzo(b)fluoranthene
Concen: 50.197 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	13.3	9.0	13.6

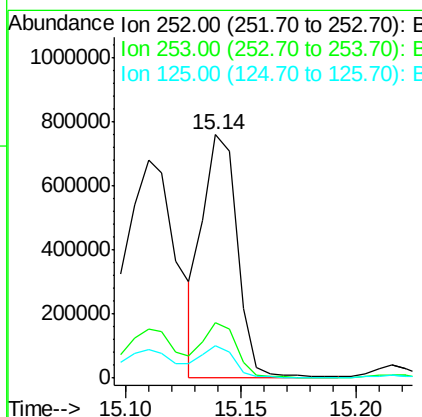
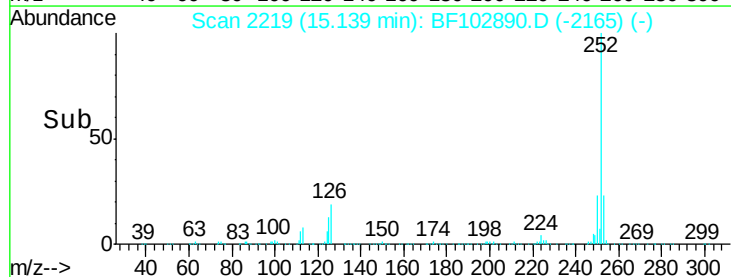
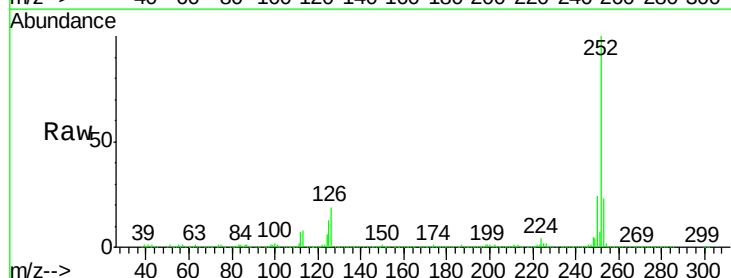
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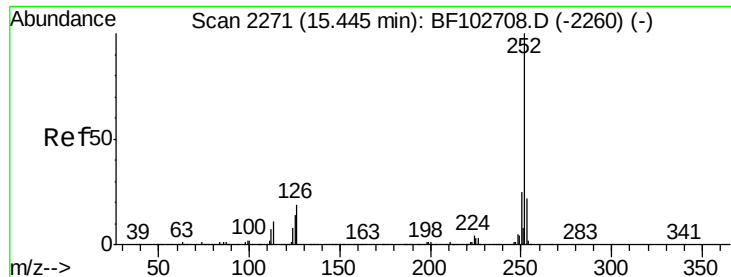
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#88
Benzo(k)fluoranthene
Concen: 39.110 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.02 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	13.1	10.2	15.2





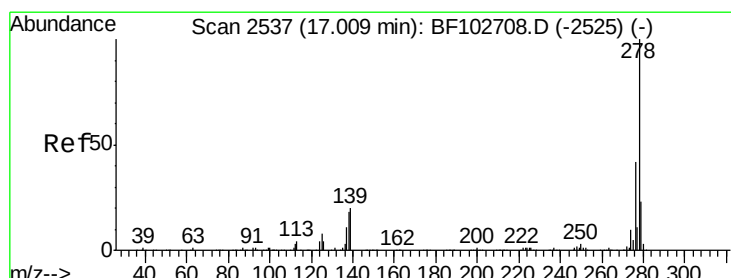
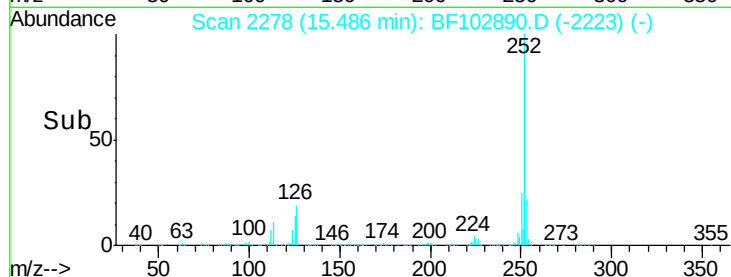
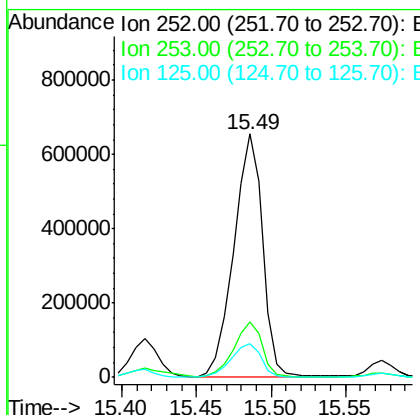
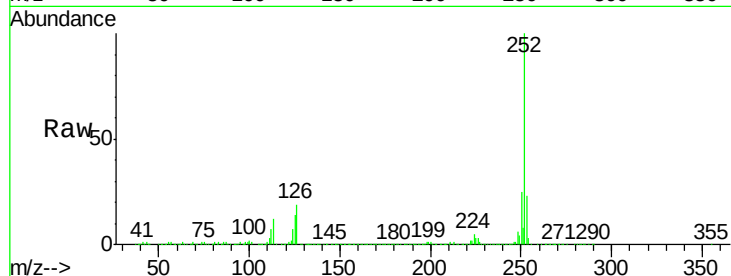
#89
Benzo(a)pyrene
Concen: 46.056 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Instrument :
BNA_F
ClientSampleId :
B-21(2-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	13.9	9.8	14.6

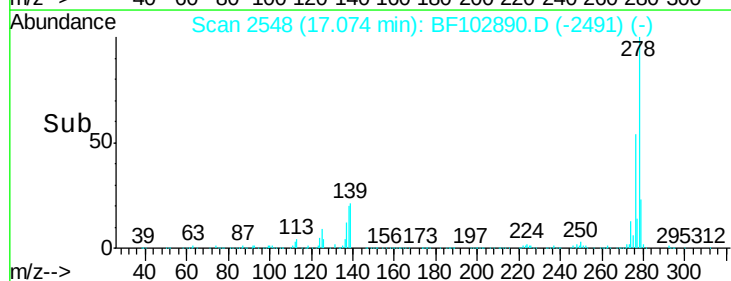
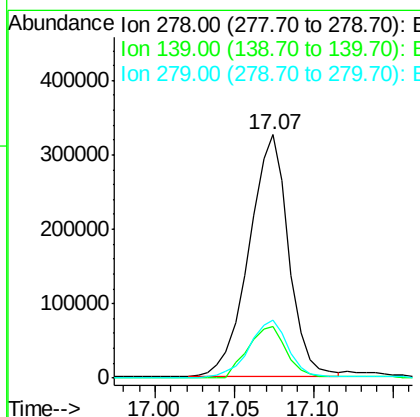
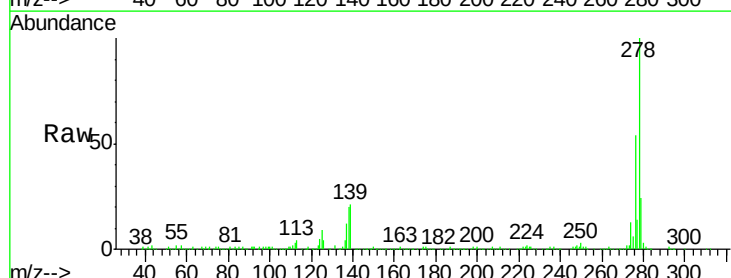
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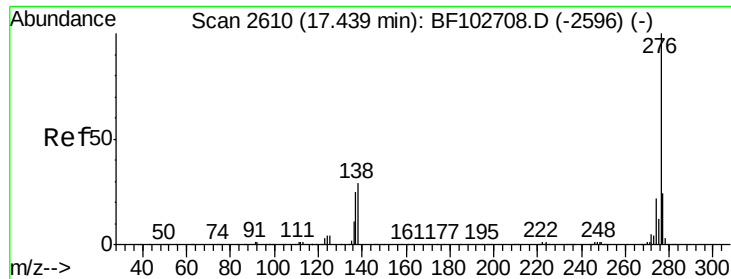
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 36.425 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.04 min
Lab File: BF102890.D
Acq: 9 Feb 2018 15:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.950 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. 0.04 min
 Lab File: BF102890.D
 Acq: 9 Feb 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 B-21(2-4)MS

Tot Ion:	276	Resp:	590575
Ion Ratio		Lower	Upper
276	100		
277	23.3	17.9	26.9
138	27.8	21.8	32.8

Manual Integrations
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