

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100137.D
 Acq On : 3 Nov 2017 16:28
 Operator : SJ/JU
 Sample : PB103597BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:18:48 PM

Quant Time: Nov 03 17:59:23 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	81164	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	348810	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	167381	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	299575	20.00	ng	0.00
75) Chrysene-d12	13.95	240	205316	20.00	ng	0.00
86) Perylene-d12	15.41	264	145304	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	618528	119.64	ng	0.01
7) Phenol-d6	6.42	99	716276	116.85	ng	0.00
23) Nitrobenzene-d5	7.35	82	406017	74.94	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	168176	110.25	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	860264	79.30	ng	0.00
78) Terphenyl-d14	12.88	244	777925	82.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	77528	33.959	ng	# 86
3) Pyridine	3.33	79	204602m	37.268	ng	
4) n-Nitrosodimethylamine	3.29	42	70147	35.765	ng	# 68
6) Aniline	6.45	93	96576	12.151	ng	# 60
8) 2-Chlorophenol	6.56	128	220973	40.105	ng	91
9) Benzaldehyde	6.33	77	73338	20.021	ng	87
10) Phenol	6.43	94	254810	37.860	ng	94
11) bis(2-Chloroethyl)ether	6.51	93	197392	37.980	ng	92
12) 1,3-Dichlorobenzene	6.70	146	232780	37.626	ng	96
13) 1,4-Dichlorobenzene	6.79	146	238758	38.025	ng	97
14) 1,2-Dichlorobenzene	6.94	146	216507	37.834	ng	95
15) Benzyl Alcohol	6.93	79	151431	38.844	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.04	45	241492	41.829	ng	# 10
17) 2-Methylphenol	7.04	107	176258	38.243	ng	# 93
18) Hexachloroethane	7.27	117	77857	37.167	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	137190	38.190	ng	89
20) 3+4-Methylphenols	7.20	107	244013	45.470	ng	93
22) Acetophenone	7.19	105	292040	36.771	ng	# 91
24) Nitrobenzene	7.36	77	205627	37.667	ng	88
25) Isophorone	7.60	82	387057	39.370	ng	96
26) 2-Nitrophenol	7.68	139	125651	40.186	ng	# 82
27) 2,4-Dimethylphenol	7.72	122	200583	43.540	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	257070	37.336	ng	100
29) 2,4-Dichlorophenol	7.93	162	196928	41.149	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	191803	37.510	ng	99
31) Naphthalene	8.07	128	630702	37.459	ng	99
32) Benzoic acid	7.88	122	114605	28.262	ng	90
33) 4-Chloroaniline	8.15	127	41472	5.965	ng	96
34) Hexachlorobutadiene	8.18	225	93815	35.669	ng	100
35) Caprolactam	8.52	113	60770m	40.379	ng	
36) 4-Chloro-3-methylphenol	8.63	107	193380	39.589	ng	91
37) 2-Methylnaphthalene	8.76	142	447837	39.690	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	183947	34.027	ng	# 98
40) Hexachlorocyclopentadiene	8.91	237	40460	45.509	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	124736	38.146	ng	99
43) 2,4,5-Trichlorophenol	9.11	196	122630	35.340	ng	92
45) 1,1'-Biphenyl	9.23	154	526070	34.742	ng	98
46) 2-Chloronaphthalene	9.26	162	413878	37.637	ng	96
47) 2-Nitroaniline	9.37	65	105287	36.480	ng	86
48) Acenaphthylene	9.67	152	614384	36.274	ng	99
49) Dimethylphthalate	9.53	163	466390	35.185	ng	99
50) 2,6-Dinitrotoluene	9.61	165	106555	38.239	ng #	86
51) Acenaphthene	9.84	154	373942	36.133	ng	98
52) 3-Nitroaniline	9.79	138	38796	11.816	ng #	85
53) 2,4-Dinitrophenol	9.92	184	68794m	63.787	ng	
54) Dibenzofuran	10.02	168	562327	38.494	ng	98
55) 4-Nitrophenol	9.97	139	79331	46.242	ng #	77
56) 2,4-Dinitrotoluene	10.03	165	141423	42.143	ng #	77
57) Fluorene	10.36	166	450634	37.257	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	98229	40.374	ng	91
59) Diethylphthalate	10.23	149	466071	36.006	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	208745	36.671	ng	94
61) 4-Nitroaniline	10.41	138	101587	32.429	ng	81
62) Azobenzene	10.51	77	398948	36.766	ng	87
64) 4,6-Dinitro-2-methylphenol	10.45	198	53429	28.372	ng #	68
65) n-Nitrosodiphenylamine	10.47	169	401767	36.331	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	121799	38.620	ng	94
67) Hexachlorobenzene	10.91	284	123189	38.180	ng	94
68) Atrazine	11.00	200	124834	37.580	ng	98
69) Pentachlorophenol	11.12	266	79357	57.560	ng	98
70) Phenanthrene	11.33	178	623895	36.903	ng	99
71) Anthracene	11.38	178	659281	38.417	ng	98
72) Carbazole	11.54	167	596456	36.960	ng	98
73) Di-n-butylphthalate	11.85	149	737865	35.847	ng #	98
74) Fluoranthene	12.52	202	644056	36.657	ng	100
76) Benzidine	12.65	184	164263	18.284	ng	97
77) Pyrene	12.75	202	652781	41.813	ng	98
79) Butylbenzylphthalate	13.35	149	303074	39.422	ng	86
80) Benzo(a)anthracene	13.94	228	489749	37.628	ng	99
81) 3,3'-Dichlorobenzidine	13.90	252	66766	14.132	ng #	98
82) Chrysene	13.98	228	462725	37.815	ng	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	413054	38.259	ng #	99
84) Di-n-octyl phthalate	14.51	149	658504	35.537	ng #	92
85) Indeno(1,2,3-cd)pyrene	16.88	276	349610	31.123	ng	96
87) Benzo(b)fluoranthene	14.99	252	376590m	41.044	ng	
88) Benzo(k)fluoranthene	15.02	252	339632	39.255	ng	100
89) Benzo(a)pyrene	15.35	252	329854	40.021	ng #	96
90) Dibenzo(a,h)anthracene	16.87	278	293354	40.056	ng	99
91) Benzo(g,h,i)perylene	17.32	276	305593	42.651	ng	97

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

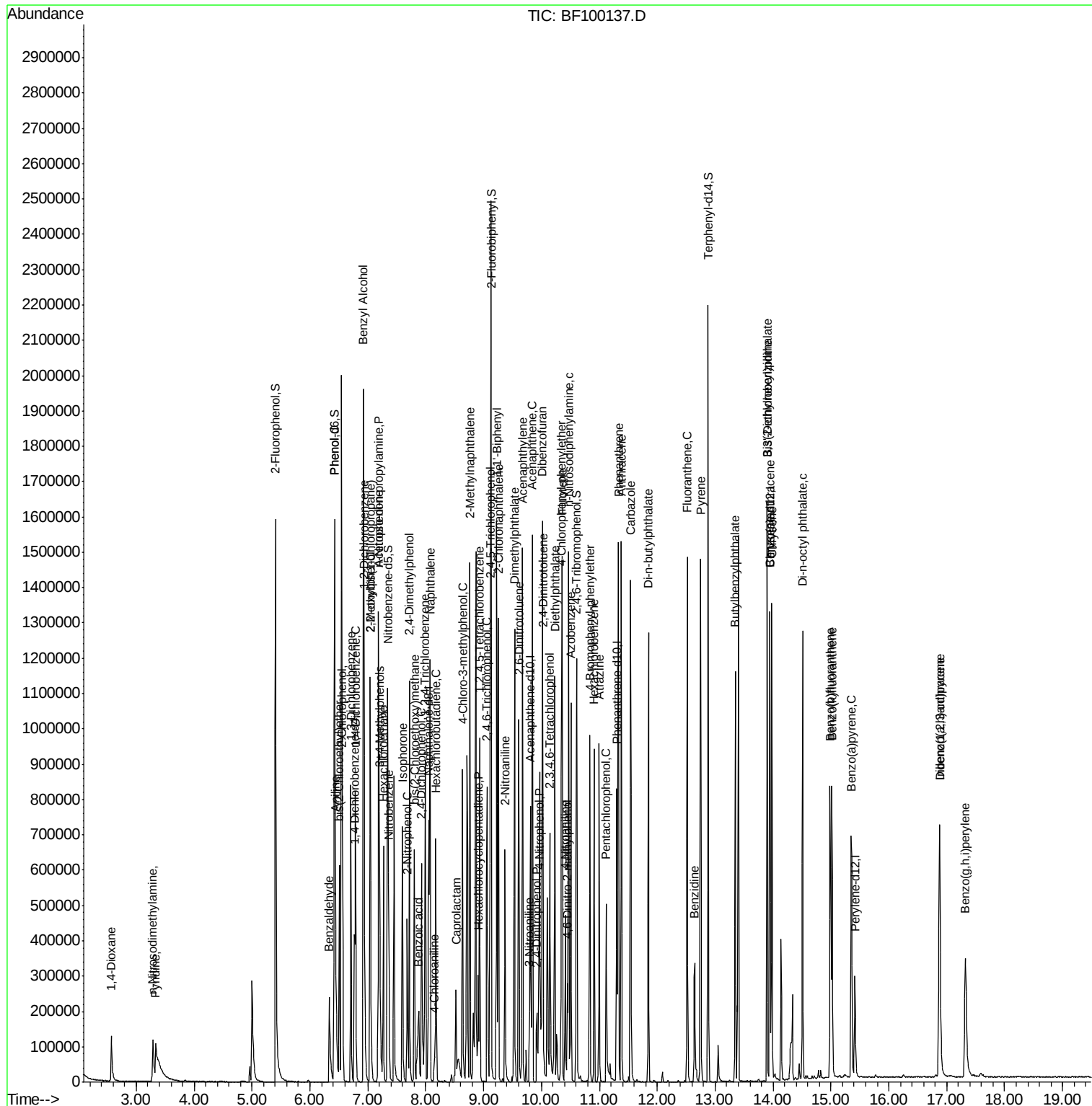
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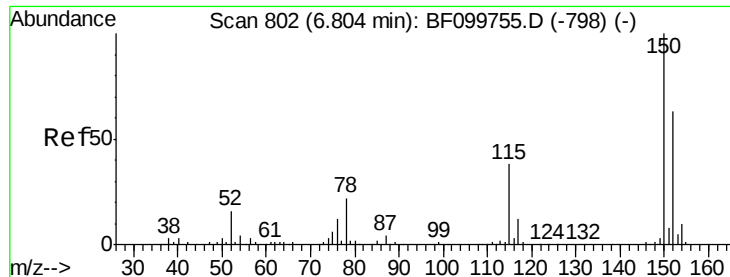
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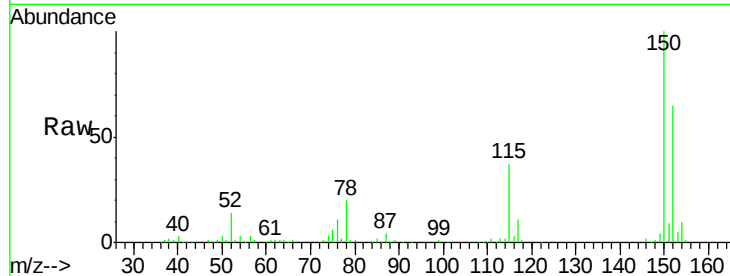




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

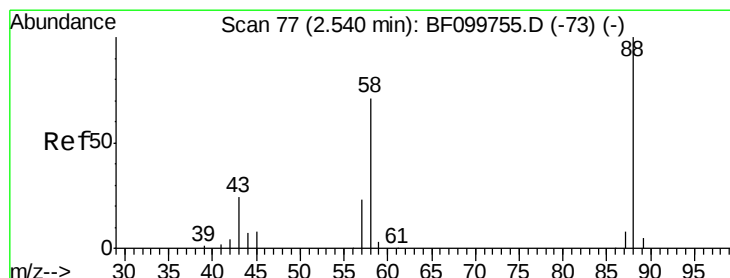
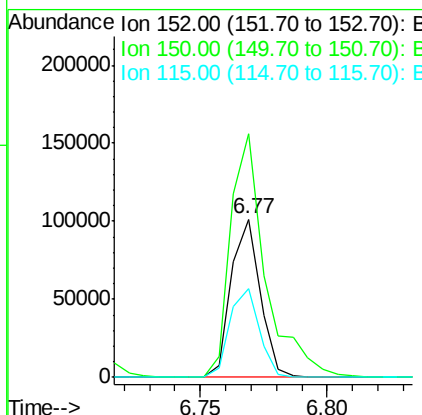
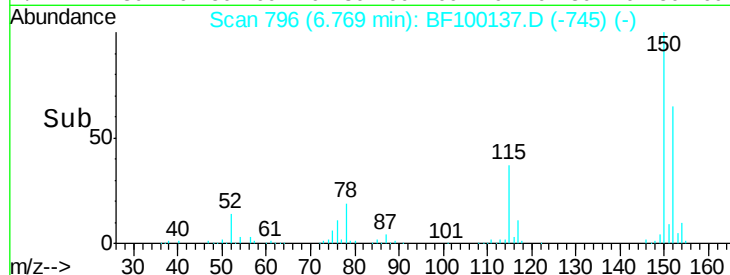
Instrument :
BNA_F
ClientSampleId :
PB103597BSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	56.5	50.1	75.1

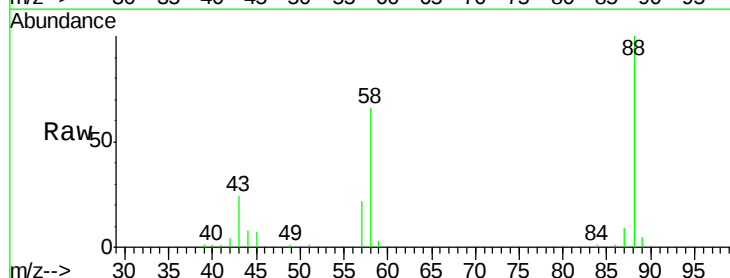
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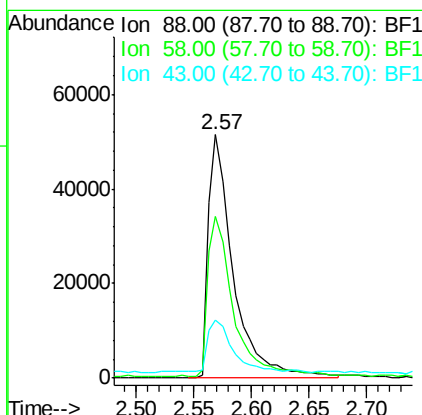
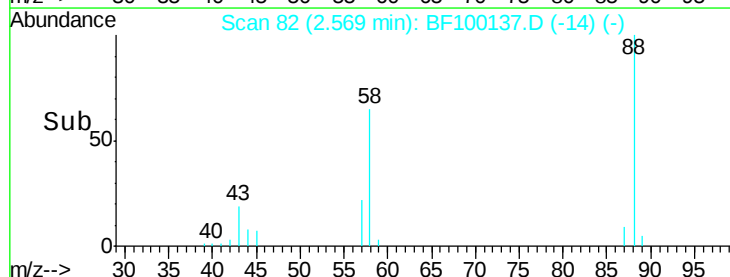


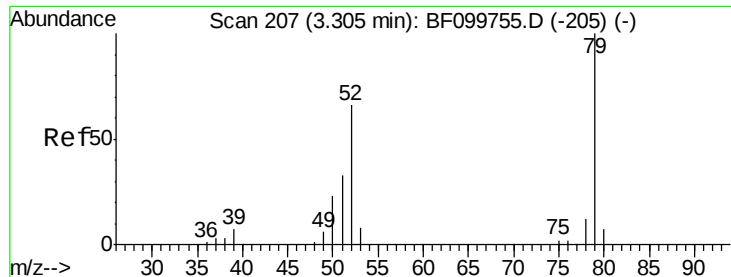
#2

1,4-Dioxane
Concen: 33.959 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.10 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28



Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	62.6	93.8
43	20.9	24.6	37.0





#3

Pyridine

Concen: 37.268 ng m

RT: 3.33 min Scan# 212

Delta R.T. 0.11 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

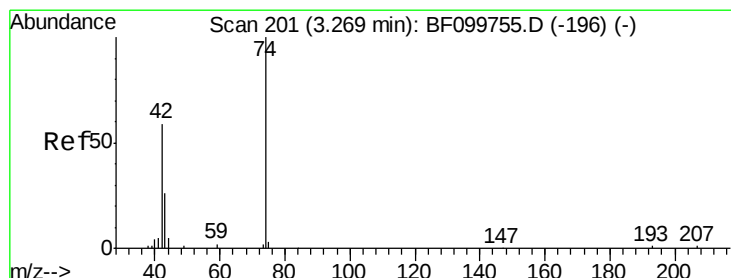
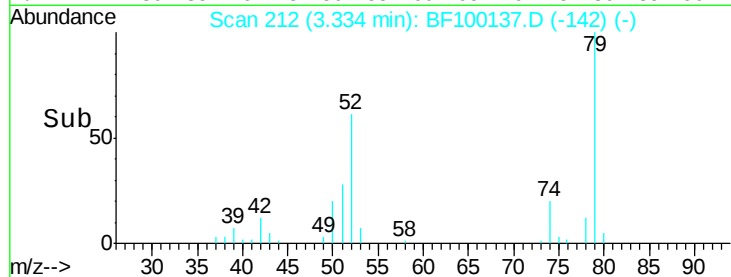
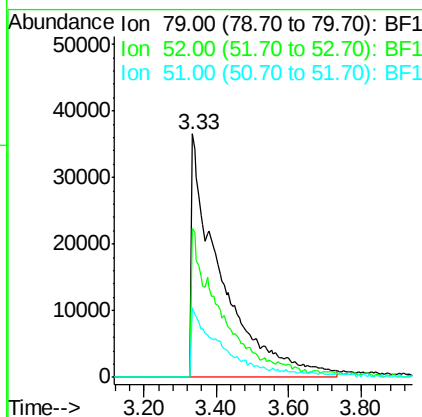
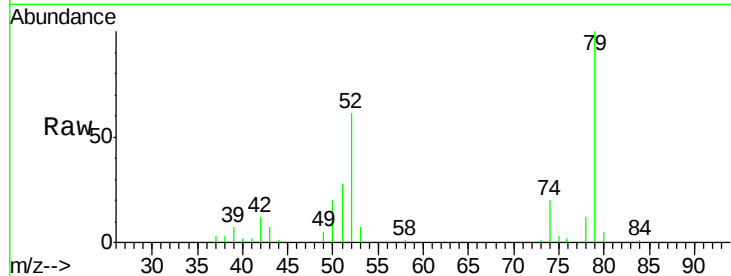
ClientSampleId :

PB103597BSD

Tgt Ion:	79	Resp:	204602
Ion Ratio	Lower	Upper	
79	100		
52	61.2	59.8	89.6
51	28.4	29.8	44.8#

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#4

n-Nitrosodimethylamine

Concen: 35.765 ng

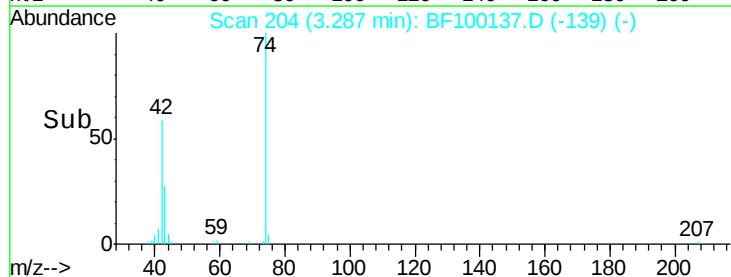
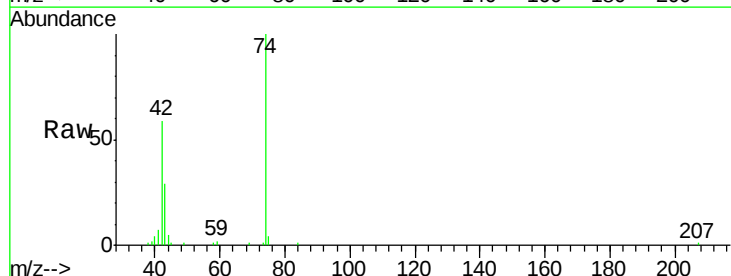
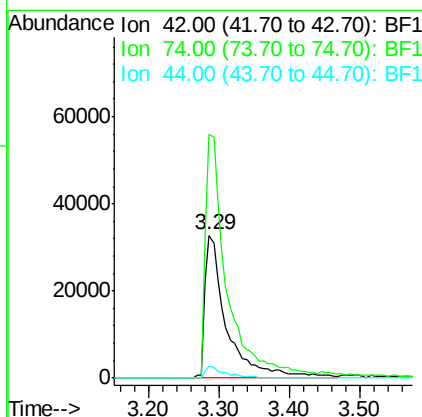
RT: 3.29 min Scan# 204

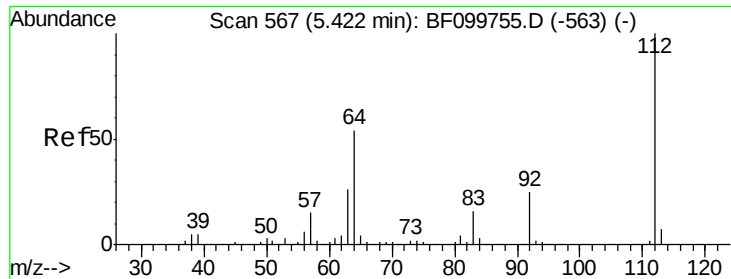
Delta R.T. 0.08 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Tgt Ion:	42	Resp:	70147
Ion Ratio	Lower	Upper	
42	100		
74	170.7	104.9	157.3#
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 119.643 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

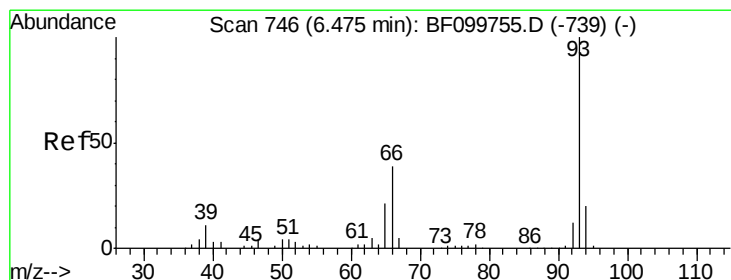
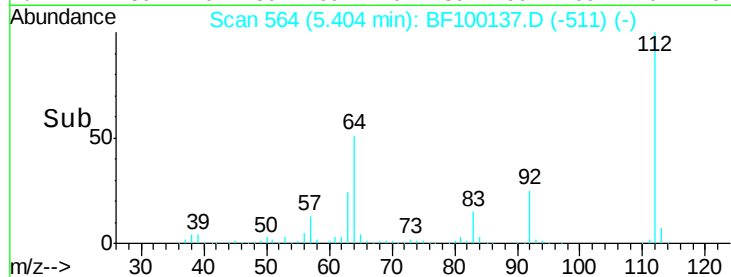
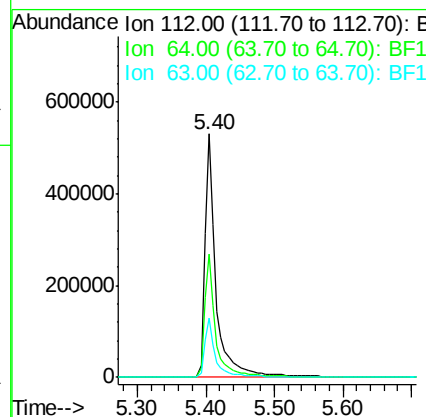
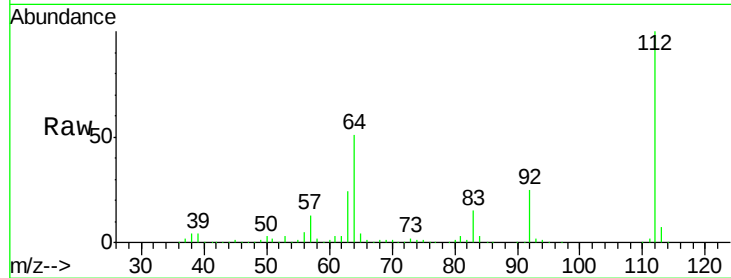
ClientSampled :

PB103597BSD

Tgt Ion:	112	Resp:	618528
Ion Ratio	Lower	Upper	
112	100		
64	50.8	47.9	71.9
63	24.2	23.7	35.5

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#6

Aniline

Concen: 12.151 ng

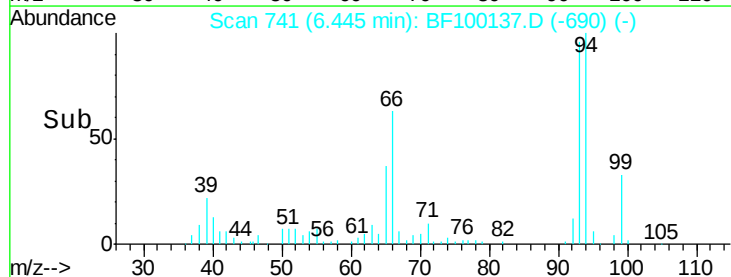
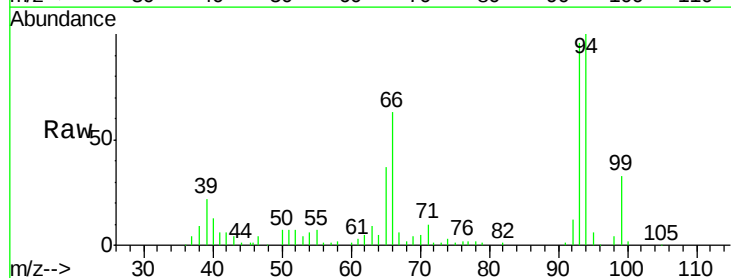
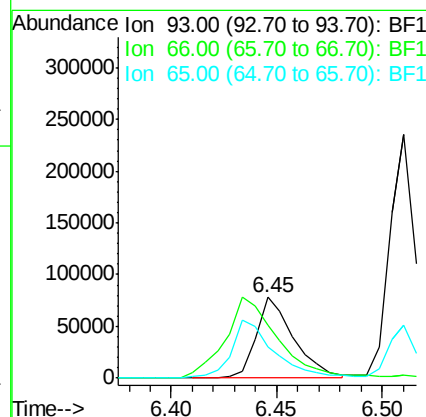
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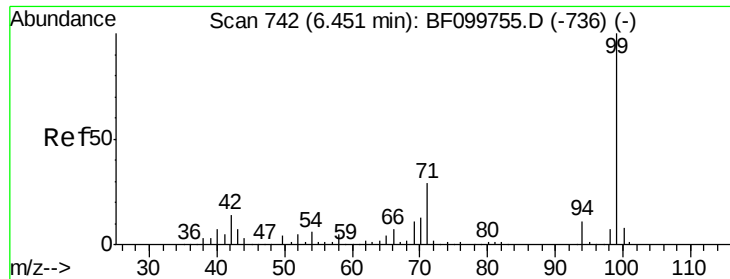
Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Tgt Ion:	93	Resp:	96576
Ion Ratio	Lower	Upper	
93	100		
66	65.6	32.2	48.2#
65	38.2	16.4	24.6#





#7

Phenol-d6

Concen: 116.849 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

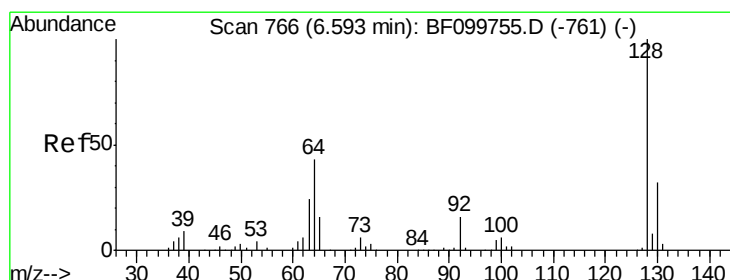
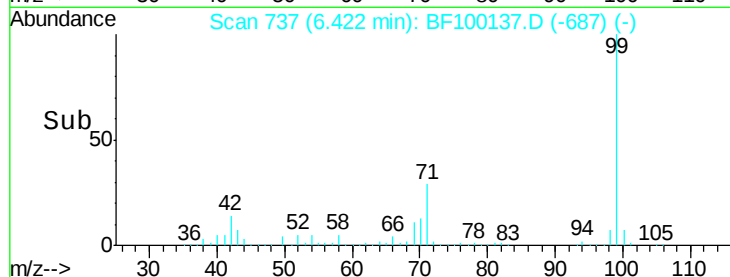
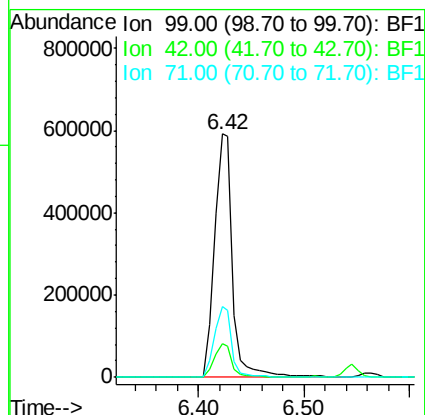
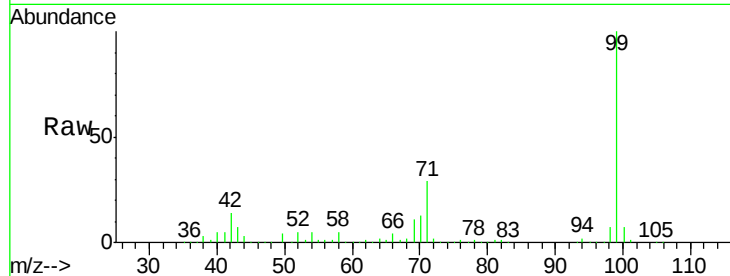
ClientSampleId :

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Tgt Ion:	99	Resp:	716276
Ion Ratio	Lower	Upper	
99	100		
42	13.6	14.5	21.7#
71	29.0	25.4	38.0

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#8

2-Chlorophenol

Concen: 40.105 ng

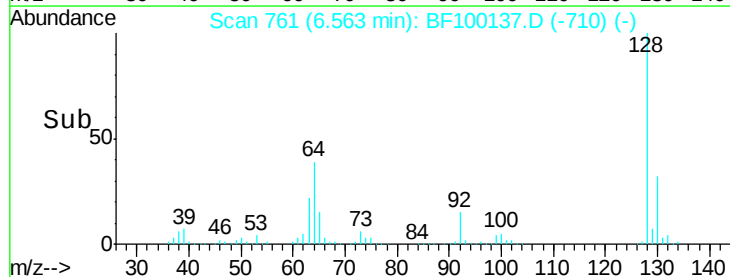
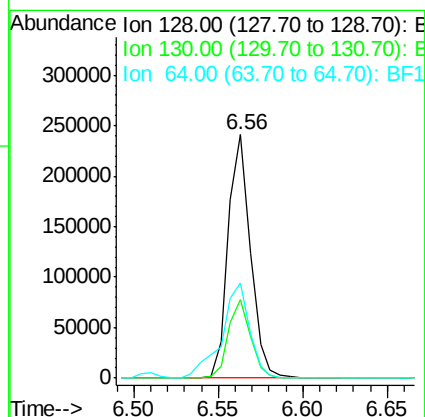
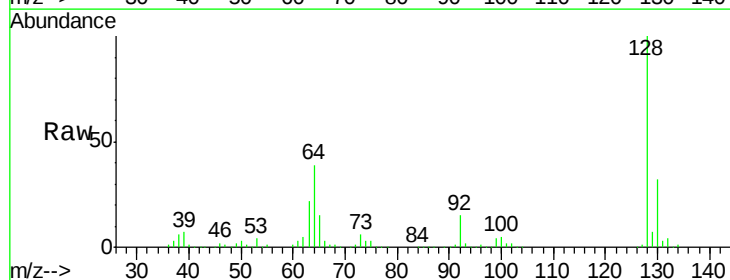
RT: 6.56 min Scan# 761

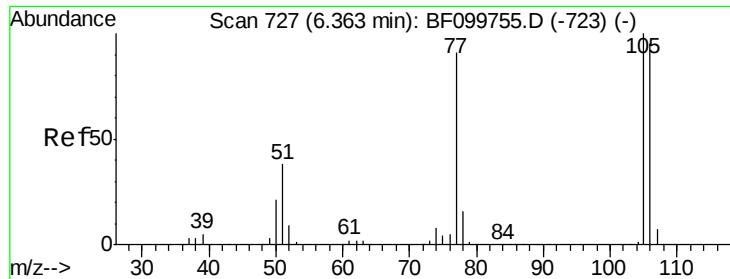
Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Tgt Ion:	128	Resp:	220973
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.0	53.0
64	39.2	29.4	69.4





#9

Benzaldehyde

Concen: 20.021 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

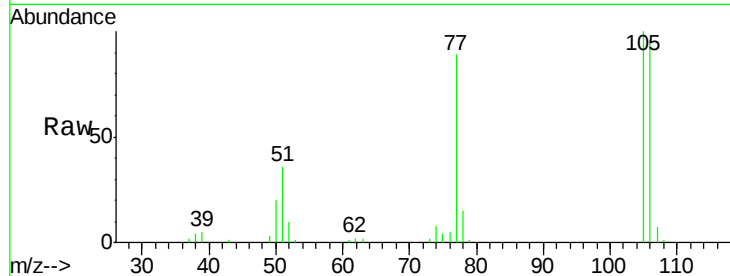
ClientSampleId :

PB103597BSD

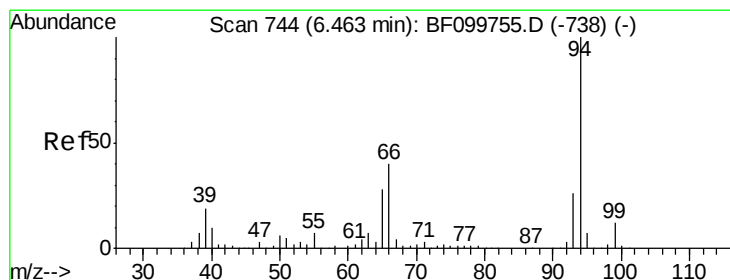
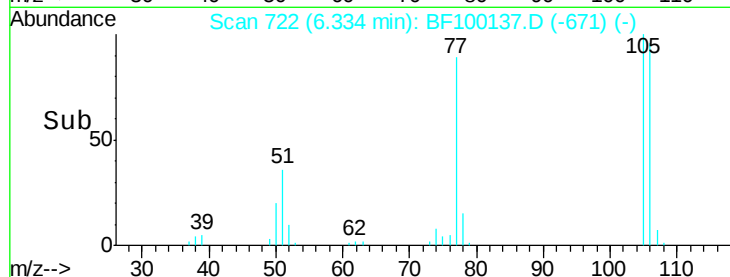
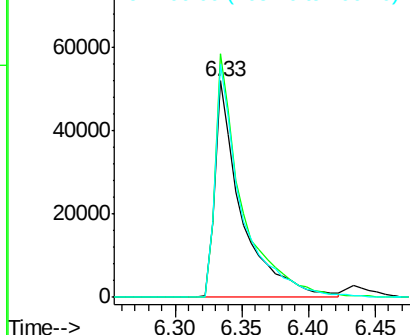
Tgt Ion:	77	Resp:	73338
Ion	Ratio	Lower	Upper
77	100		
105	112.6	81.1	121.1
106	107.9	74.5	114.5

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.860 ng

RT: 6.43 min Scan# 739

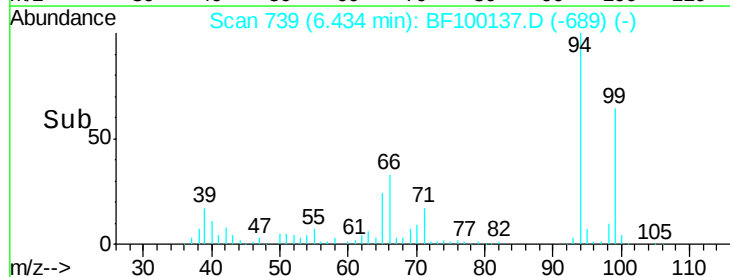
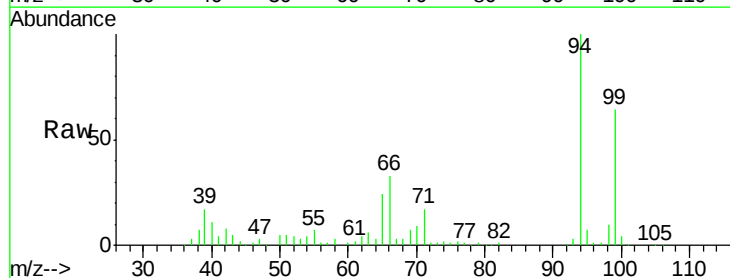
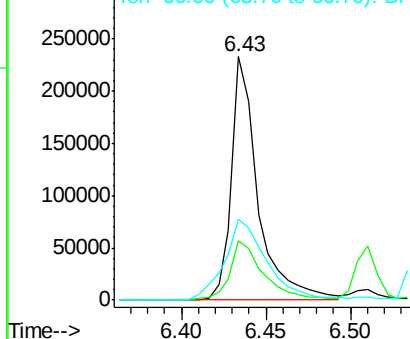
Delta R.T. -0.01 min

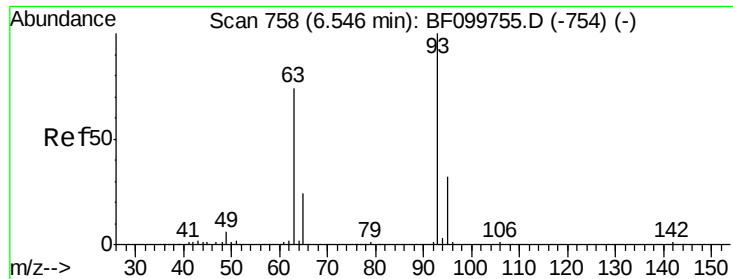
Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Tgt Ion:	94	Resp:	254810
Ion	Ratio	Lower	Upper
94	100		
65	24.1	7.9	47.9
66	33.4	16.2	56.2

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.980 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB103597BSD

Tgt Ion: 93 Resp: 197392

Ion Ratio Lower Upper

93 100

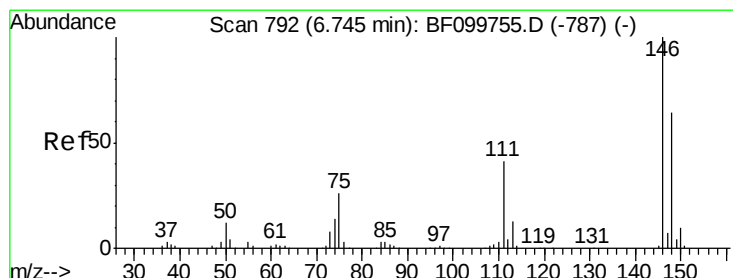
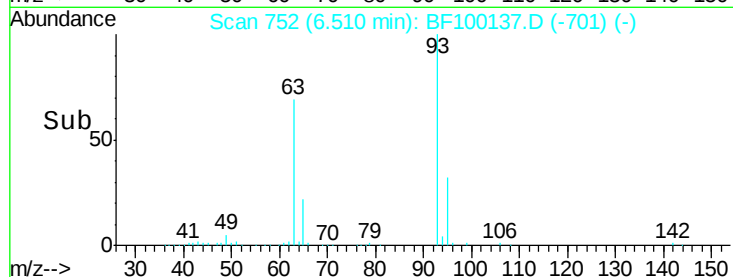
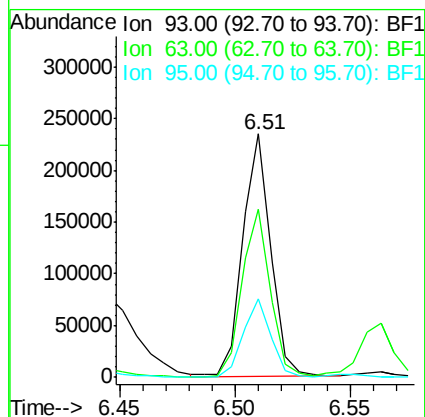
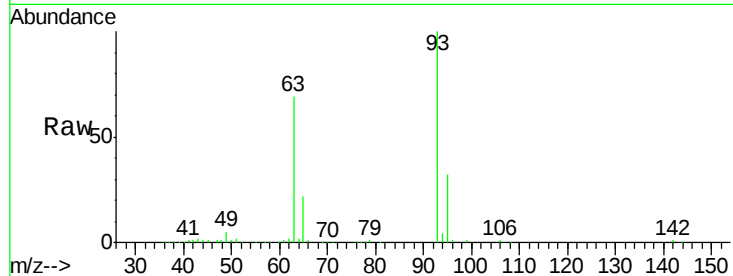
63 69.0 58.6 98.6

95 32.2 11.8 51.8

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#12

1,3-Dichlorobenzene

Concen: 37.626 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

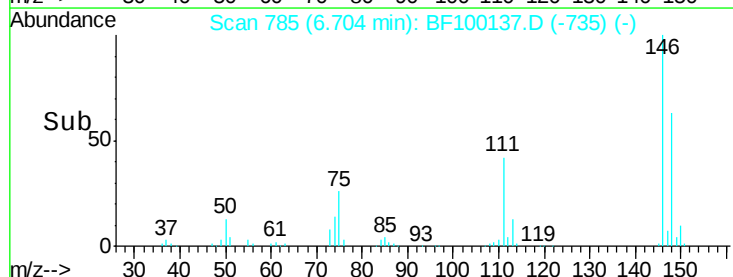
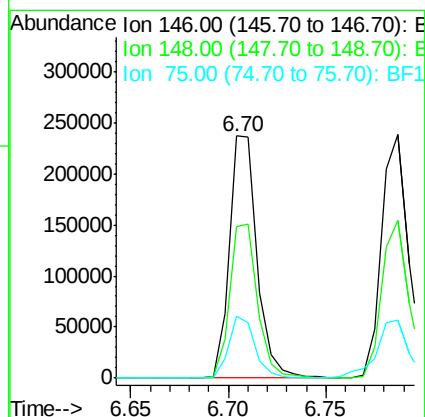
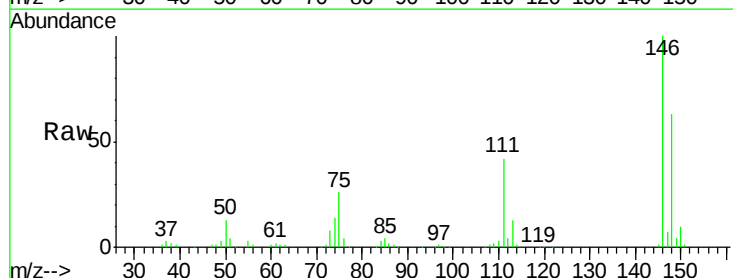
Tgt Ion: 146 Resp: 232780

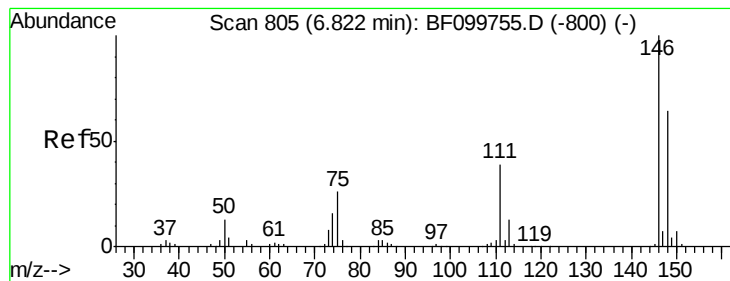
Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.8

75 25.6 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.025 ng

RT: 6.79 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

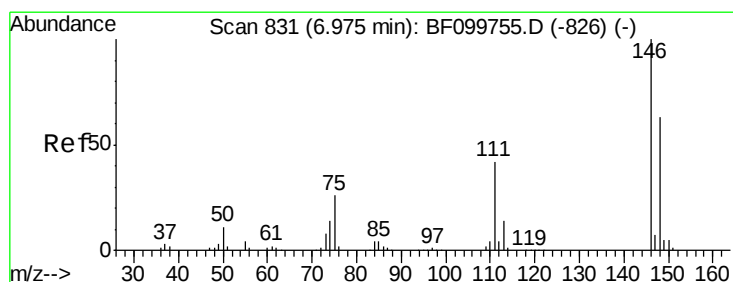
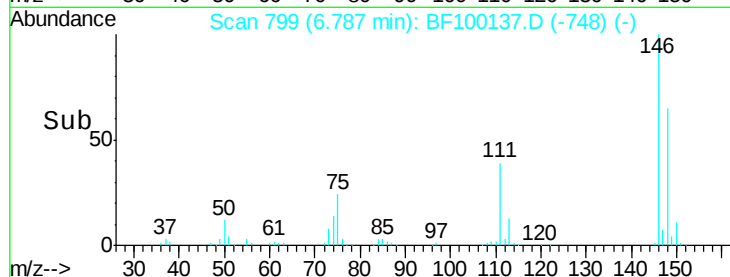
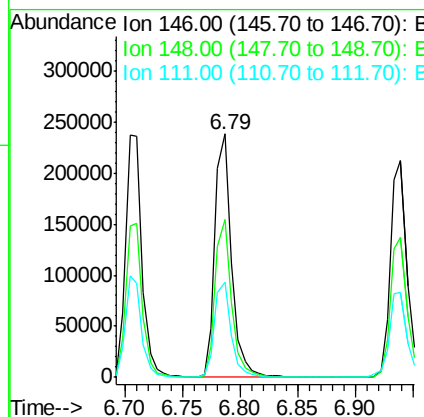
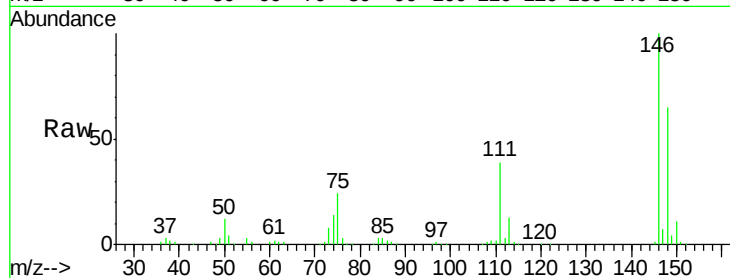
ClientSampleId :

PB103597BSD

Tgt Ion:	146	Resp:	238758
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
111	39.2	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 37.834 ng

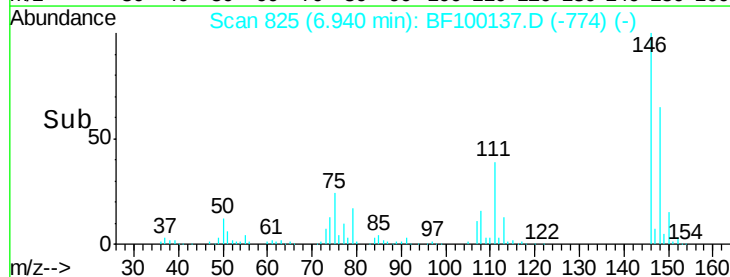
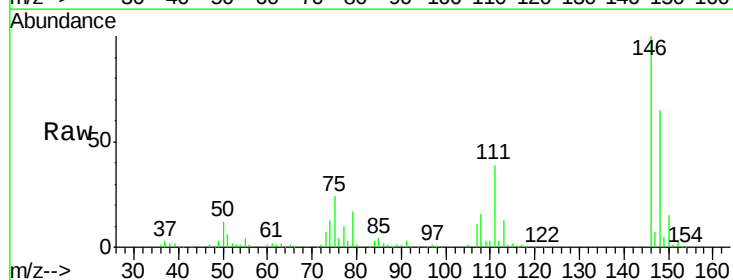
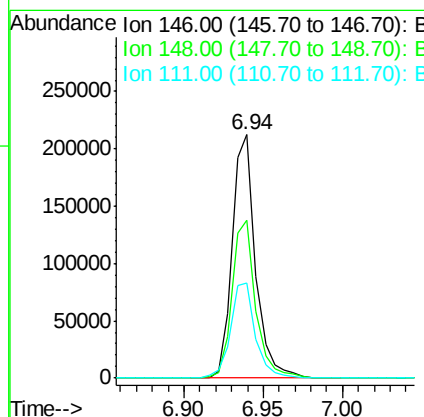
RT: 6.94 min Scan# 825

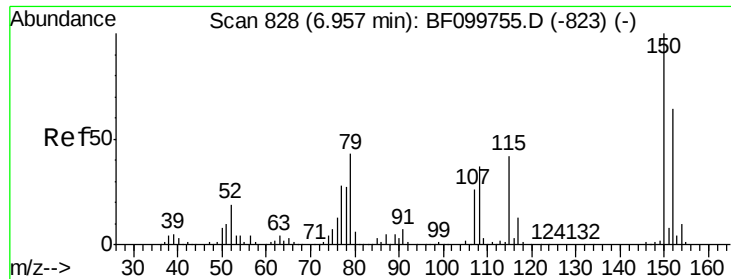
Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Tgt Ion:	146	Resp:	216507
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.6	75.8
111	39.3	36.0	54.0





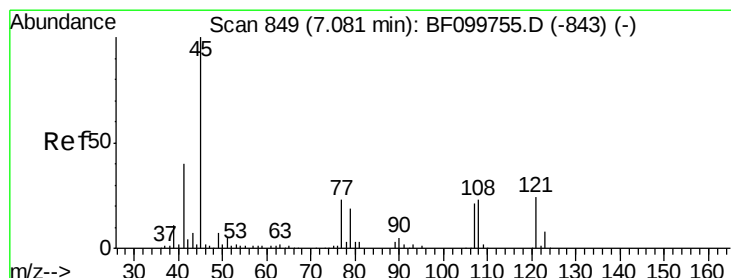
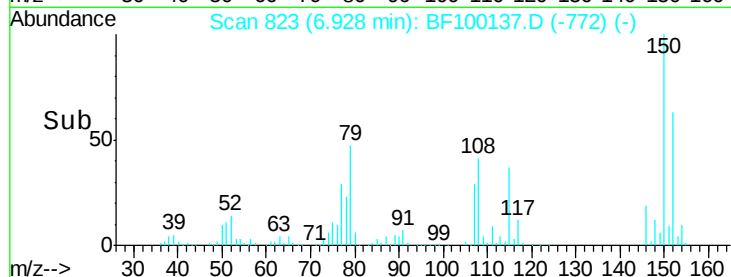
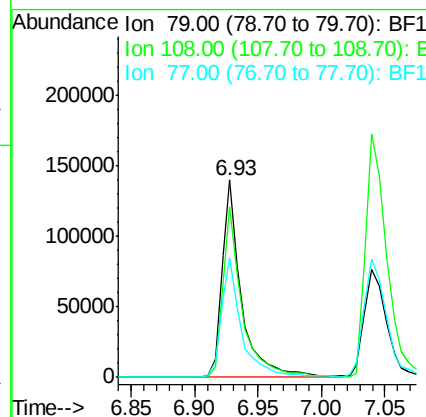
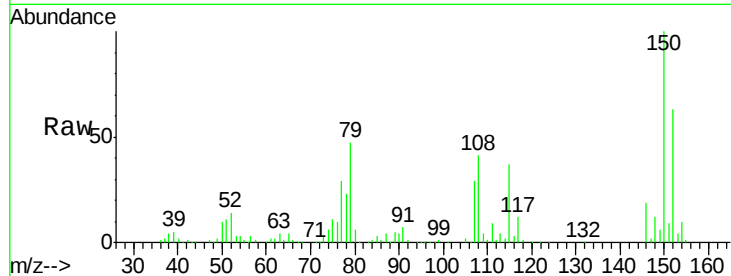
#15
Benzyl Alcohol
Concen: 38.844 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	86.6	65.1	97.7
77	60.8	50.6	75.8

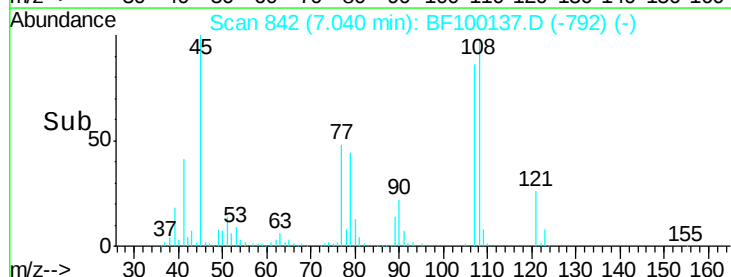
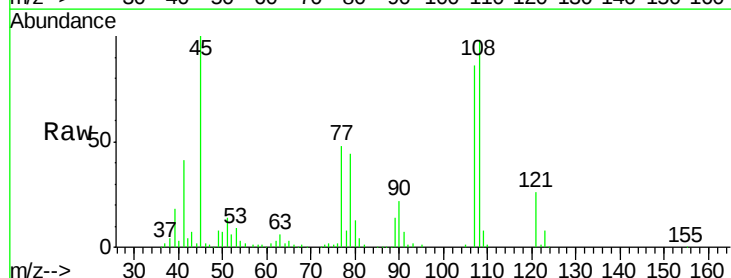
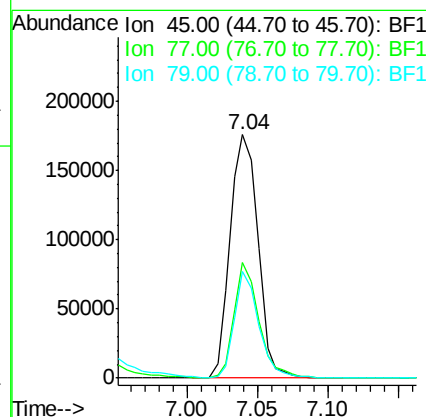
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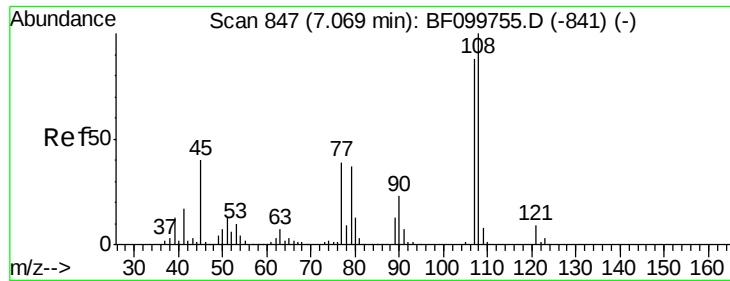
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.829 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	47.5	0.0	32.9#
79	43.7	0.0	29.6#





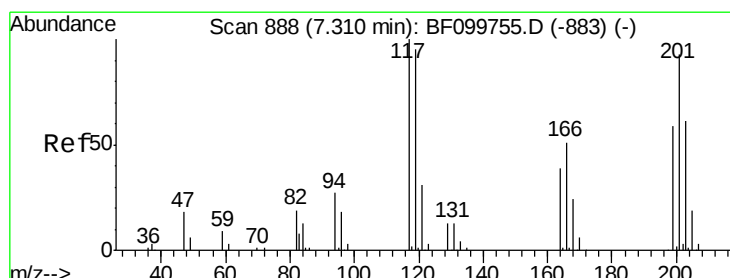
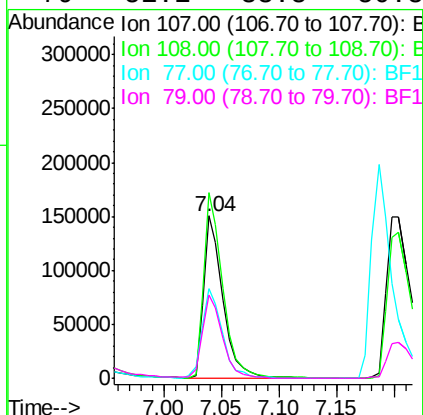
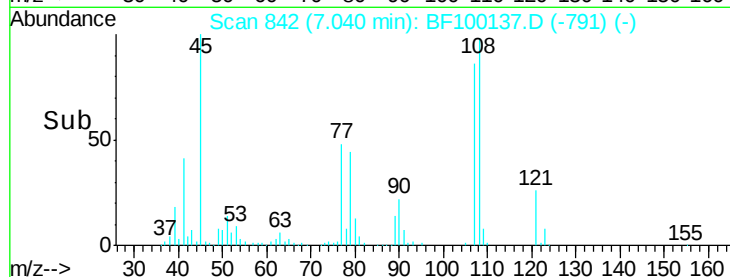
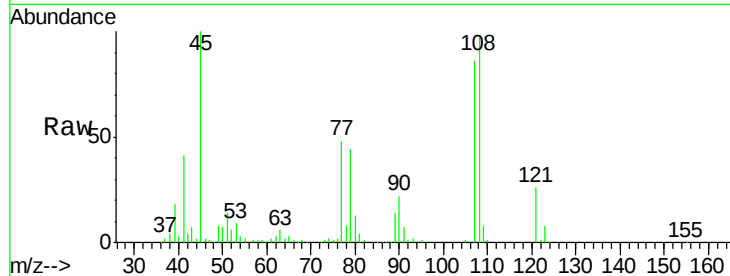
#17
2-Methylphenol
Concen: 38.243 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	176258		
108	114.6	91.7	137.5	
77	55.5	33.8	50.8#	
79	51.1	33.8	50.8#	

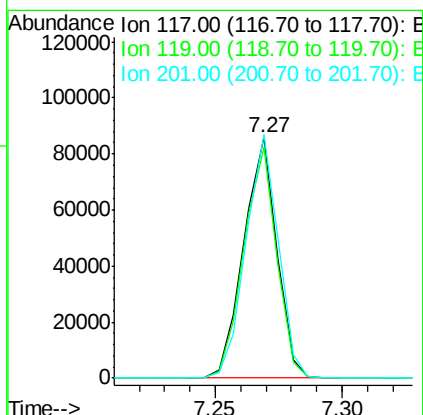
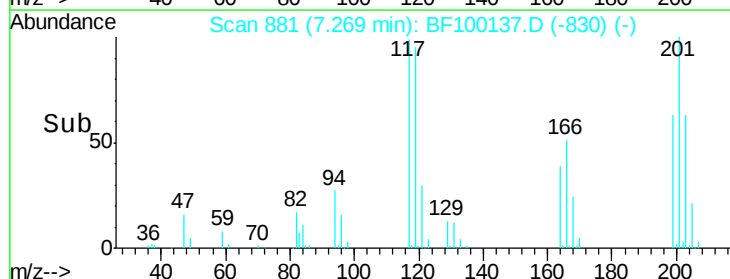
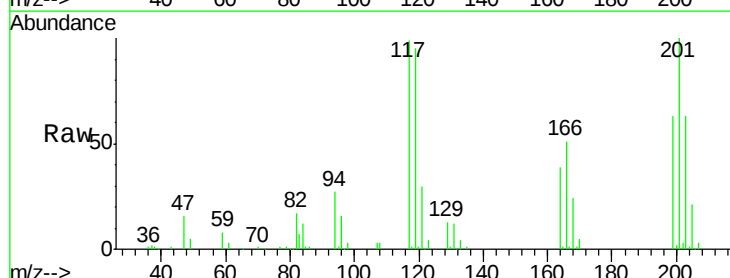
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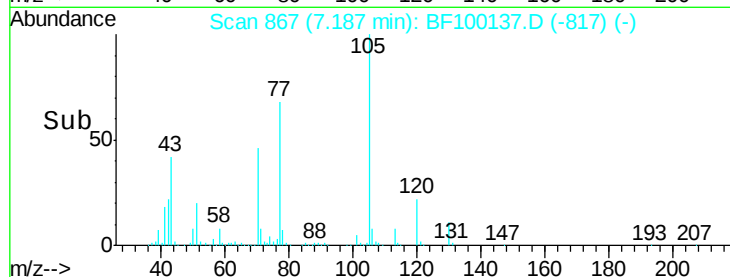
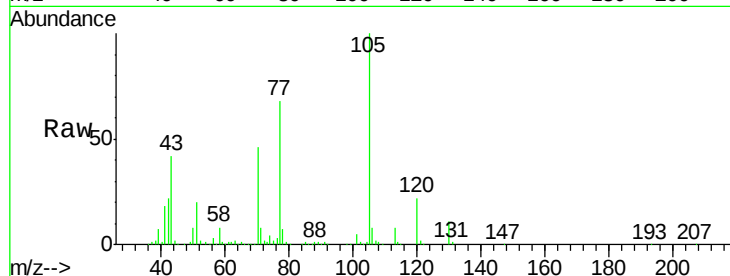
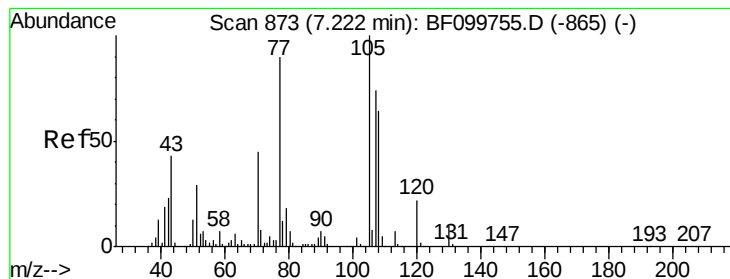
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#18
Hexachloroethane
Concen: 37.167 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	77857		
119	95.9	75.8	113.8	
201	101.0	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 38.190 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB103597BSD

Tgt Ion: 70 Resp: 137190

Ion Ratio Lower Upper

70 100

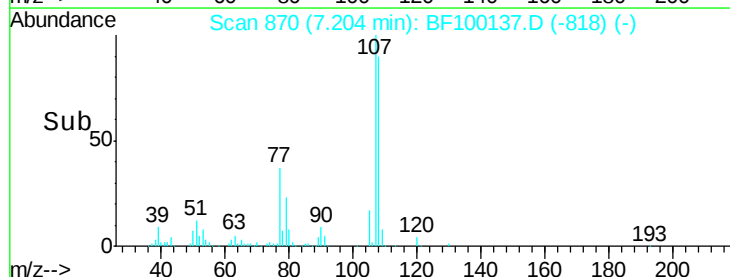
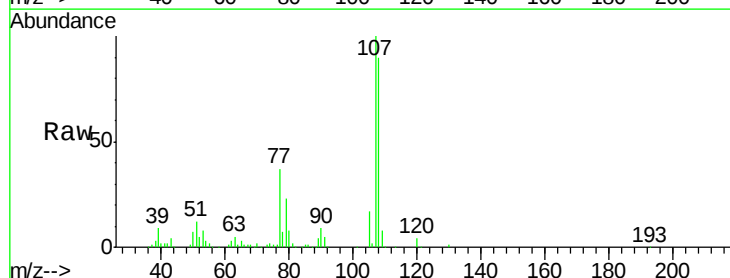
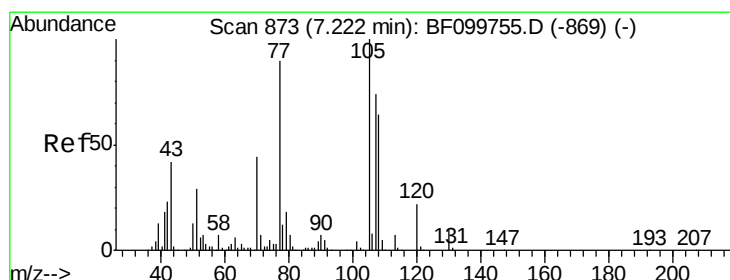
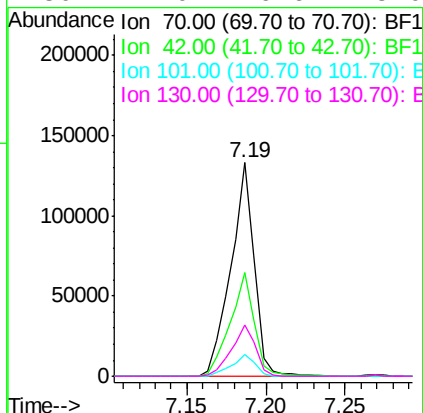
42 48.6 47.5 71.3

101 9.9 7.4 11.2

130 24.0 16.6 25.0

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#20

3+4-Methylphenols

Concen: 45.470 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.01 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Tgt Ion: 107 Resp: 244013

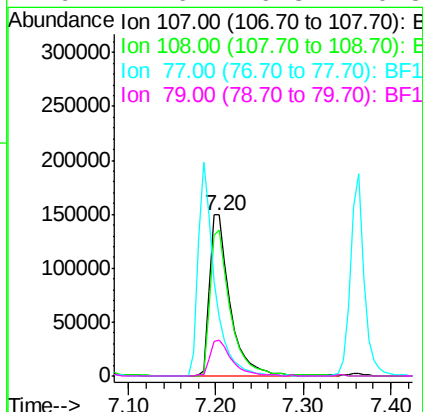
Ion Ratio Lower Upper

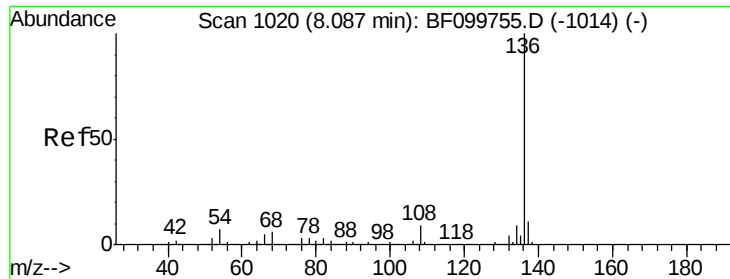
107 100

108 90.4 68.2 108.2

77 36.6 26.7 66.7

79 22.6 6.3 46.3





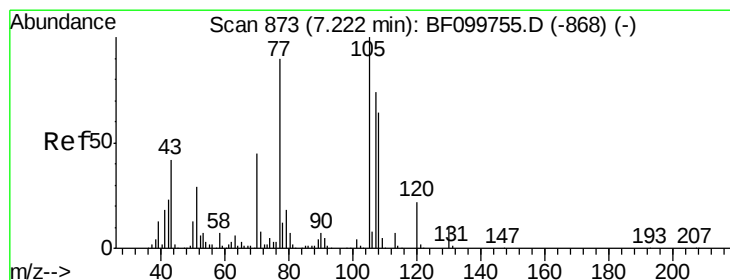
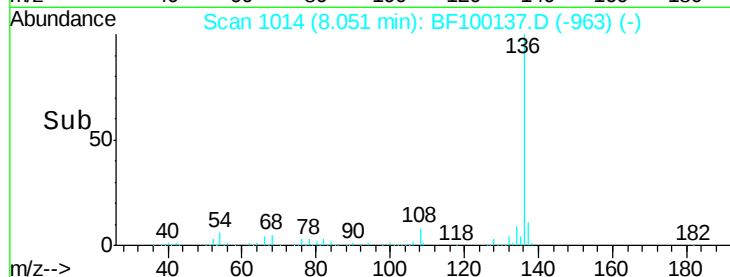
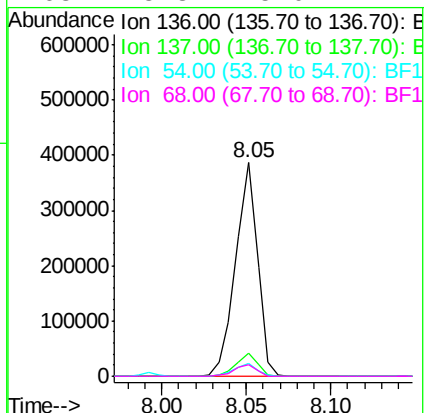
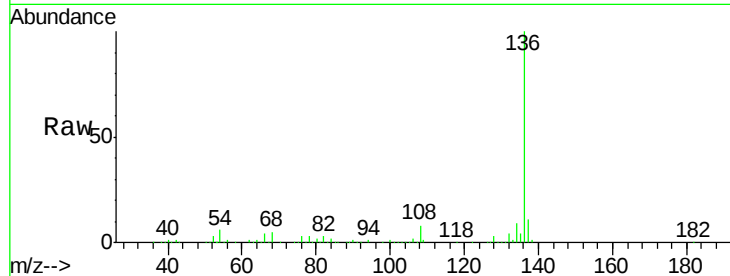
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.1	6.6	9.8#
68	5.3	5.0	7.4

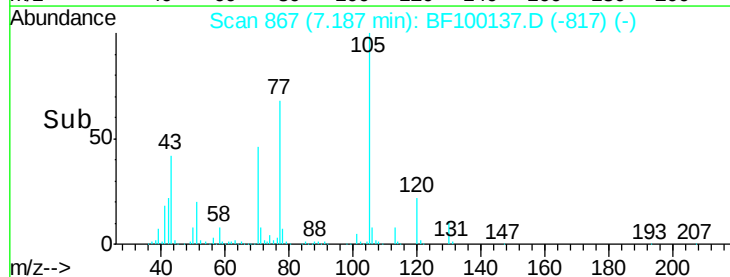
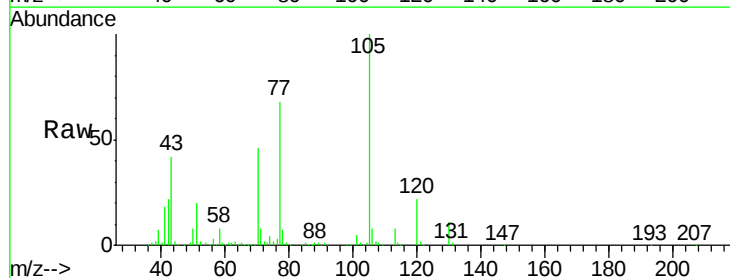
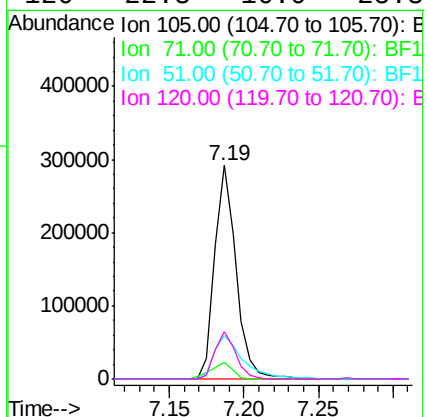
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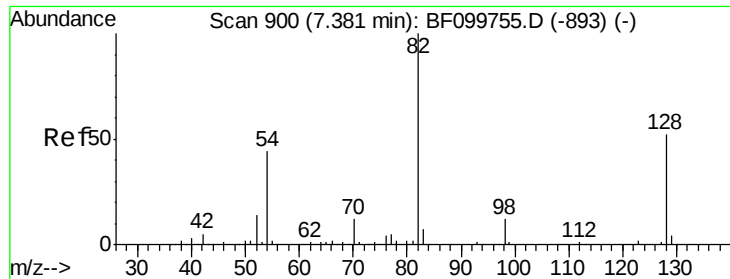
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#22
Acetophenone
Concen: 36.771 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	20.4	22.3	33.5#
120	22.3	16.9	25.3





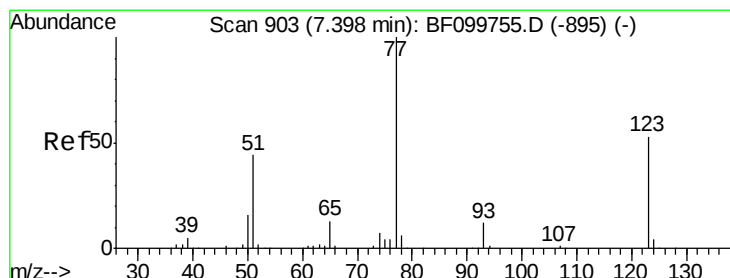
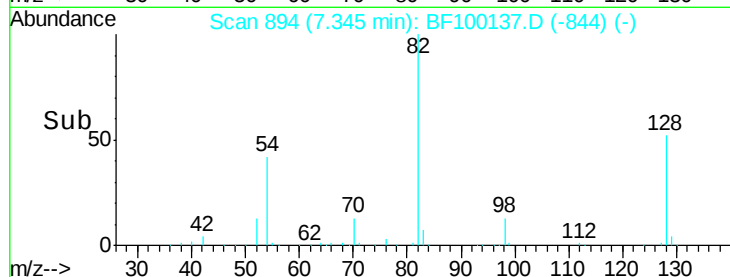
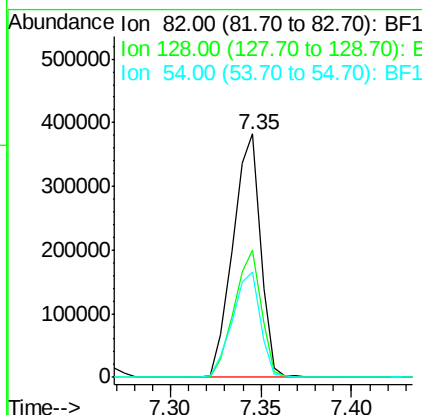
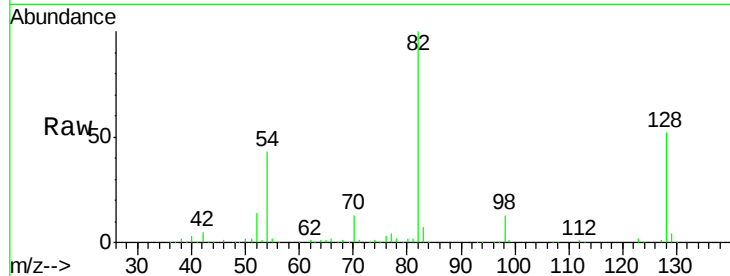
#23
 Nitrobenzene-d5
 Concen: 74.939 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.4	36.1	54.1
54	43.2	41.4	62.2

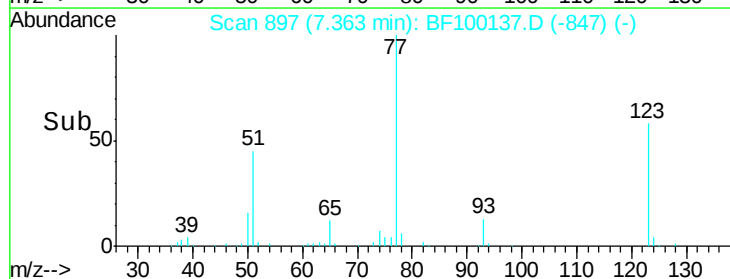
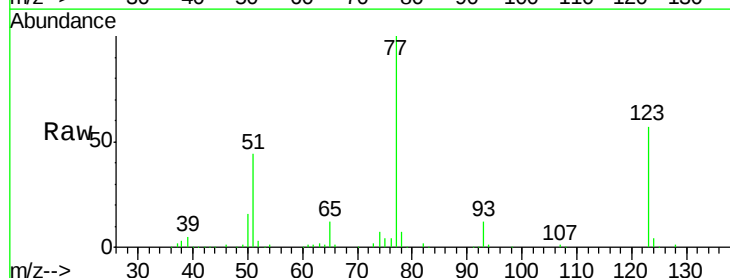
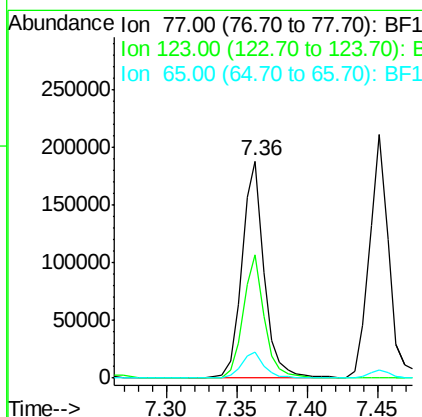
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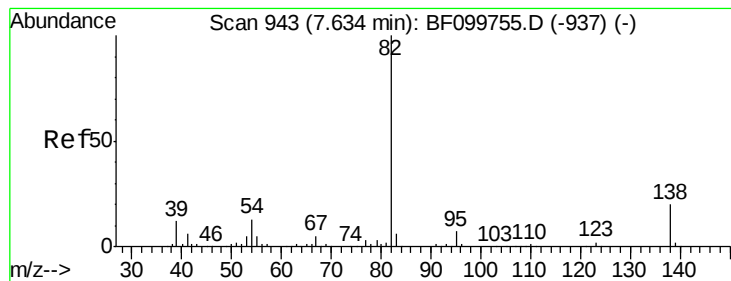
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#24
 Nitrobenzene
 Concen: 37.667 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.7	37.9	56.9
65	12.3	11.0	16.4





#25

Isophorone

Concen: 39.370 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB103597BSD

Tgt Ion: 82 Resp: 387057

Ion Ratio Lower Upper

82 100

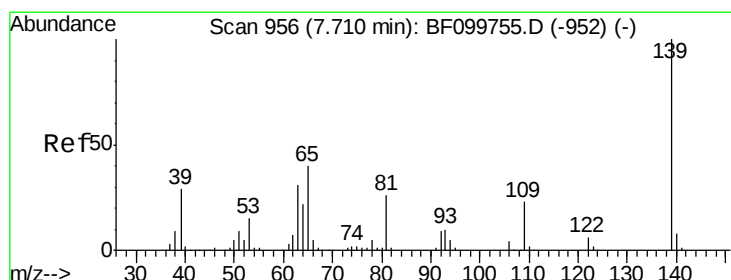
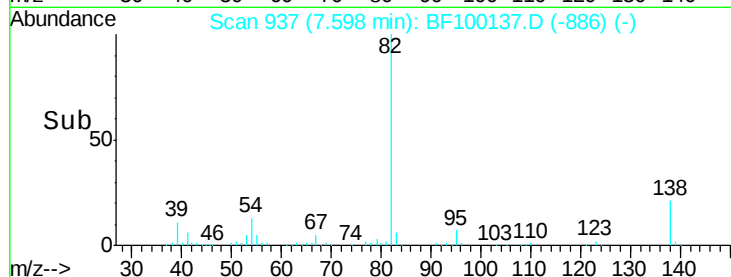
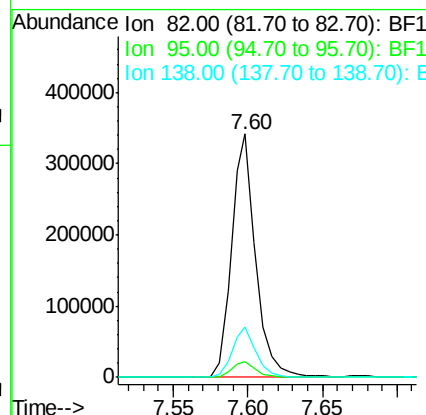
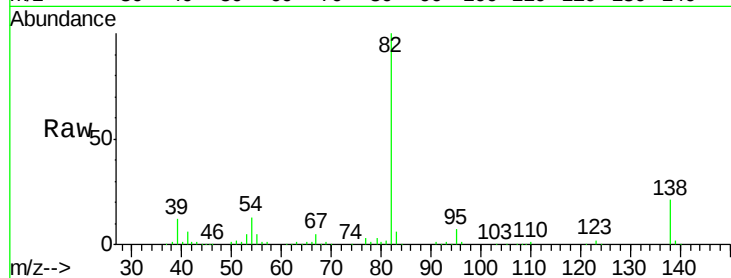
95 6.6 5.2 7.8

138 20.9 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.186 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

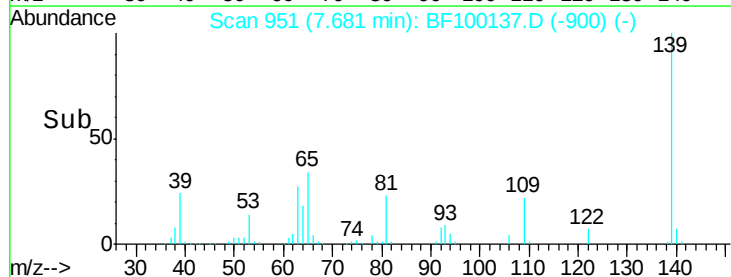
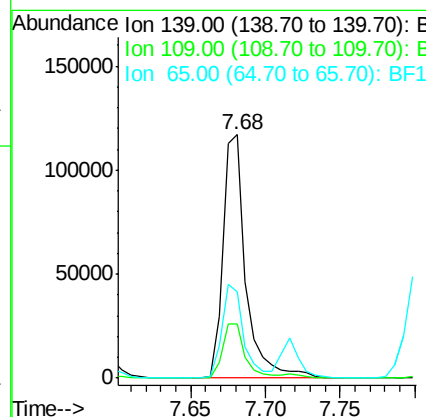
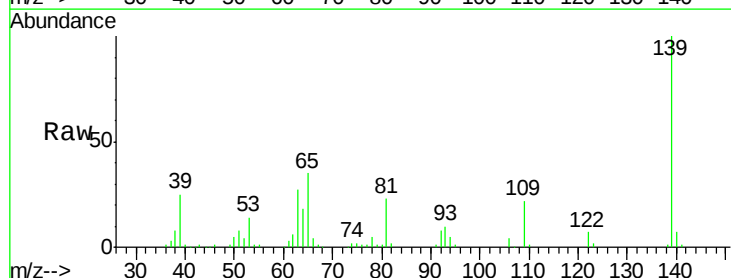
Tgt Ion: 139 Resp: 125651

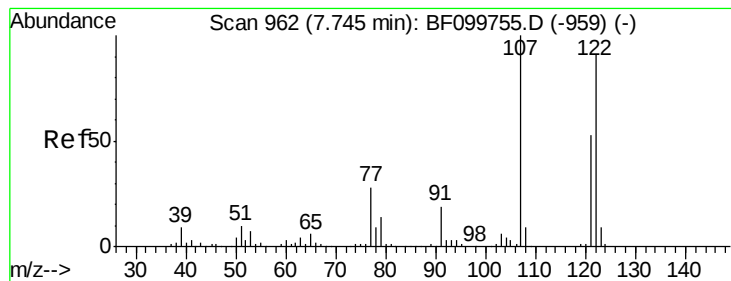
Ion Ratio Lower Upper

139 100

109 22.0 22.7 34.1#

65 35.4 40.5 60.7#





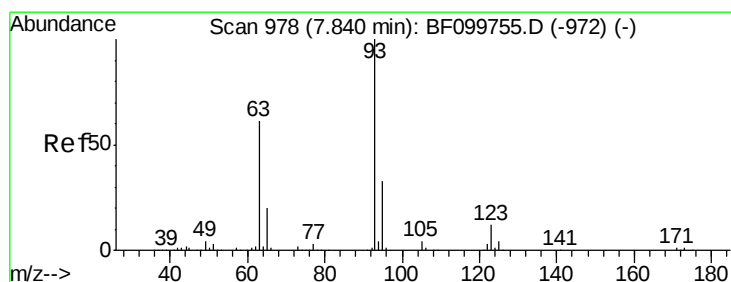
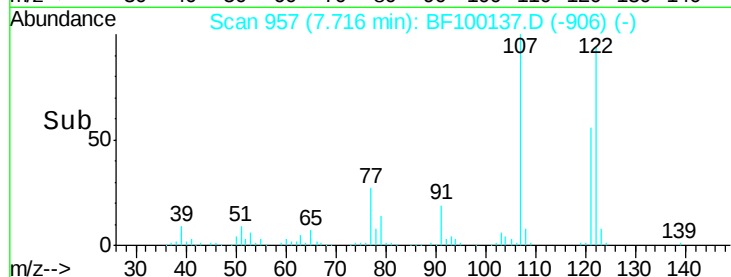
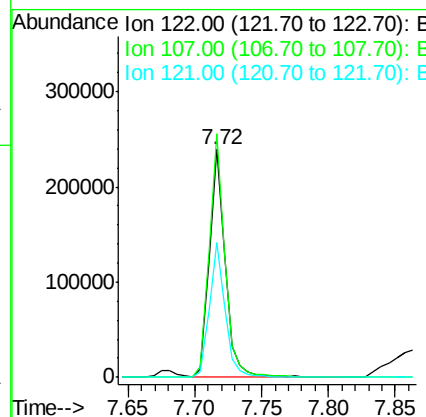
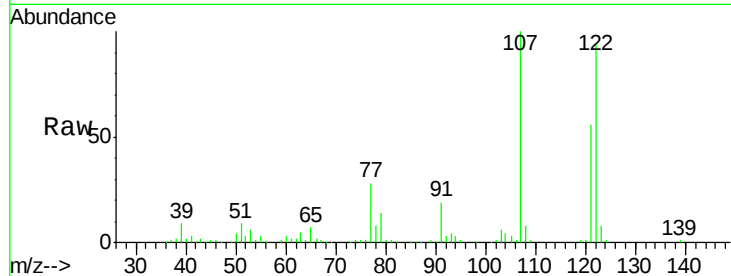
#27
2,4-Dimethylphenol
Concen: 43.540 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	200583		
107	106.9	91.2	136.8	
121	59.4	47.2	70.8	

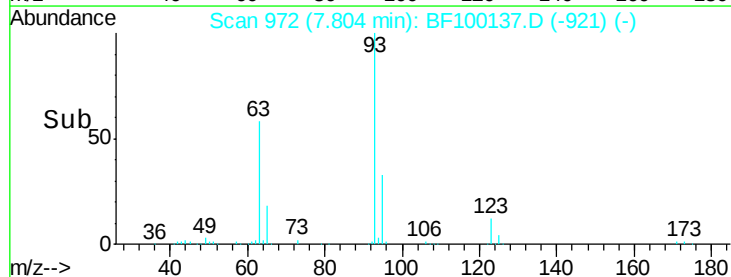
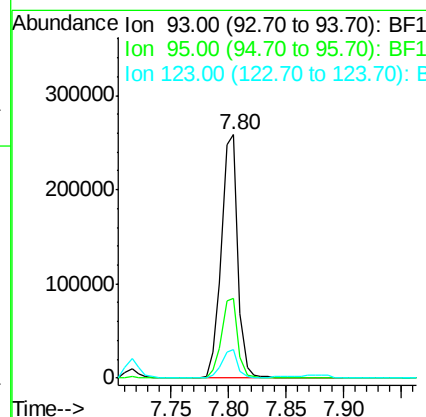
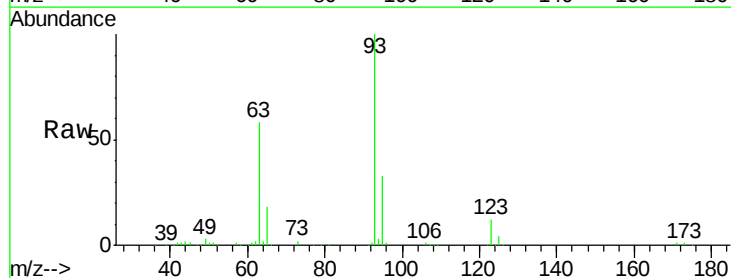
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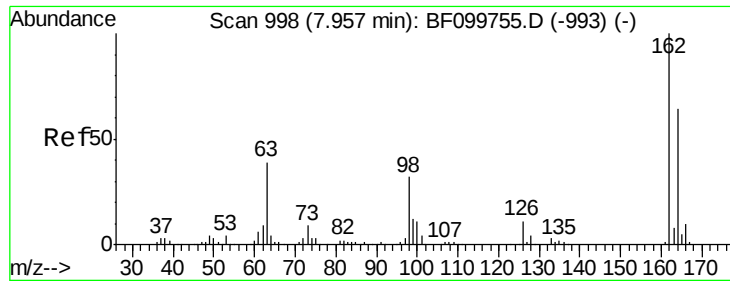
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 37.336 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	257070		
95	32.8	26.3	39.5	
123	12.0	9.8	14.6	





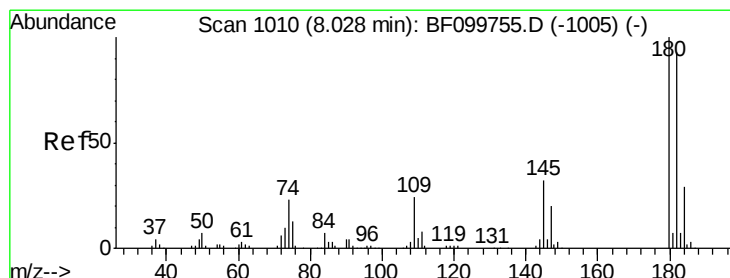
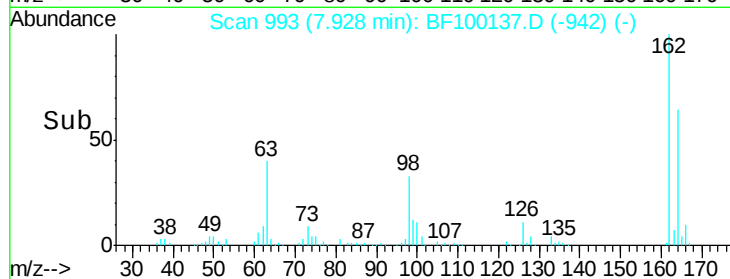
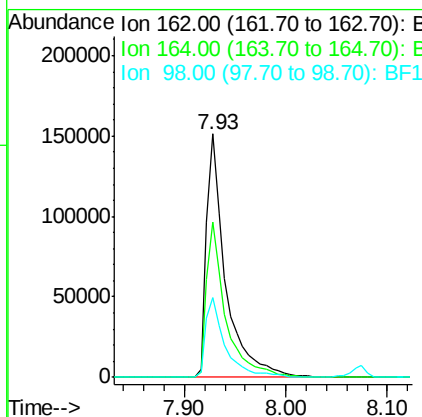
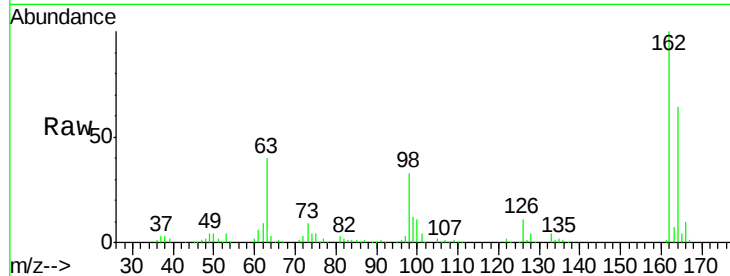
#29
 2,4-Dichlorophenol
 Concen: 41.149 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	196928		
164	63.7	42.7	82.7	
98	32.7	18.1	58.1	

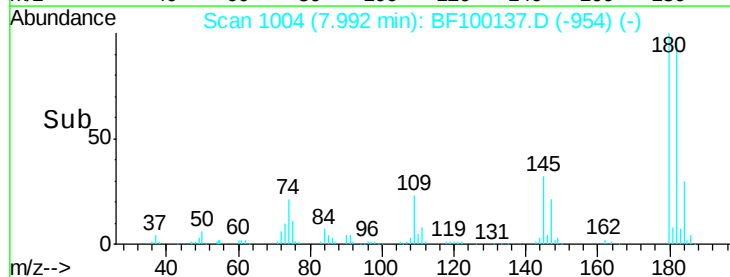
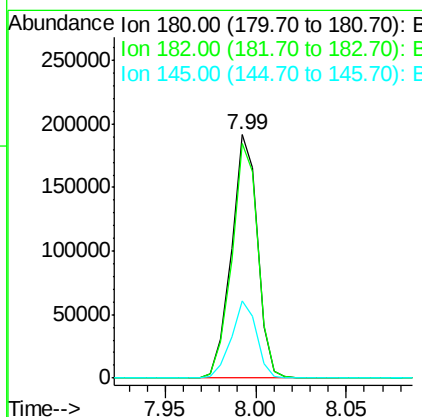
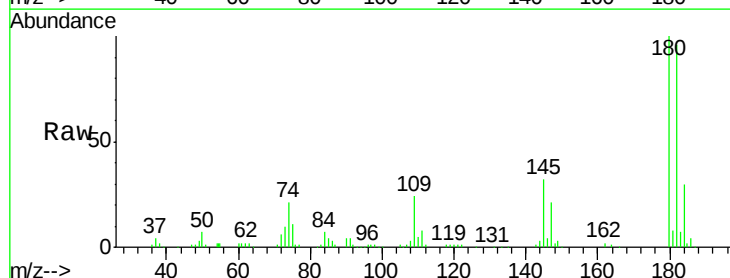
Manual Integrations
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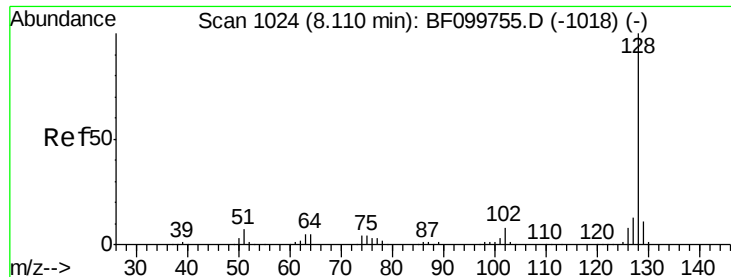
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.510 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	191803		
182	96.2	76.8	115.2	
145	31.6	26.5	39.7	





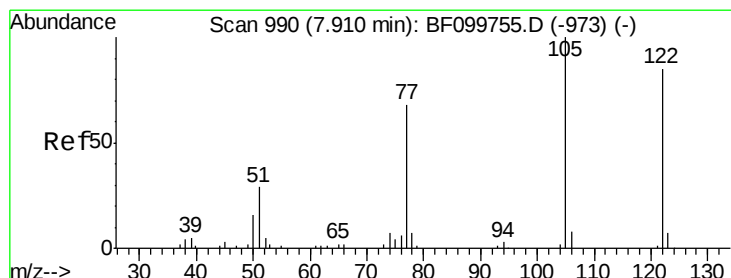
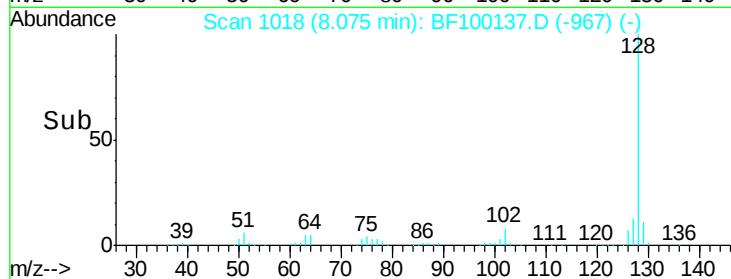
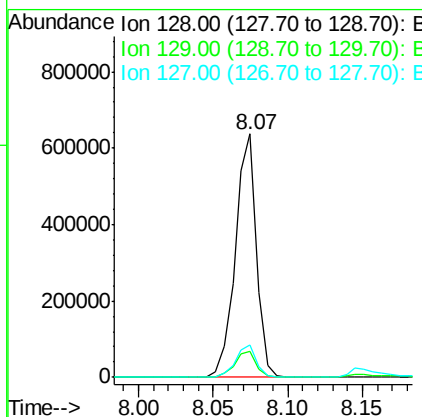
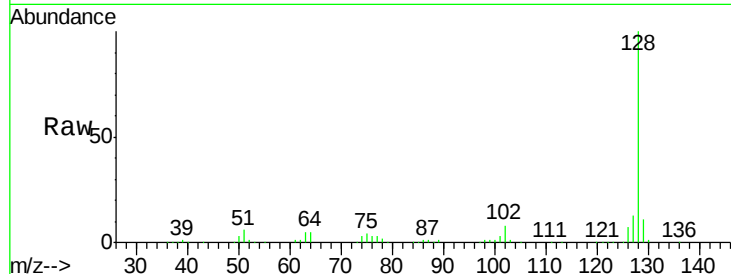
#31
Naphthalene
Concen: 37.459 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	630702		
129	10.9		8.8	13.2
127	13.1		10.9	16.3

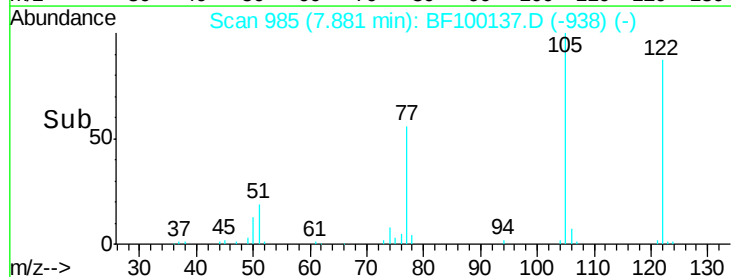
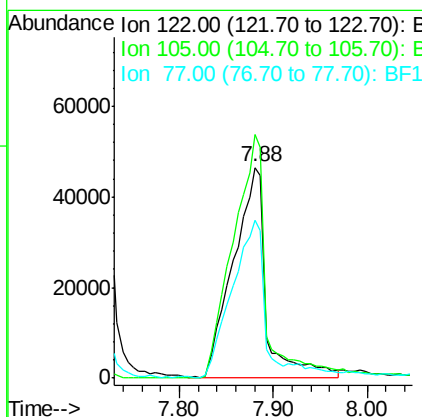
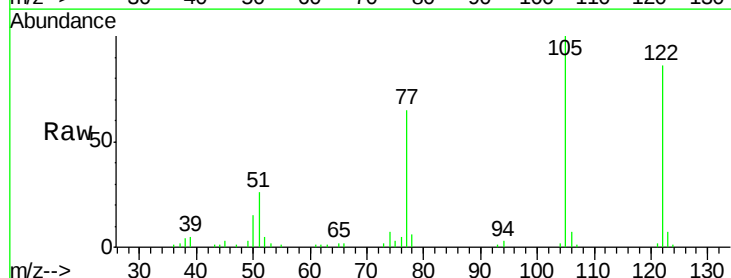
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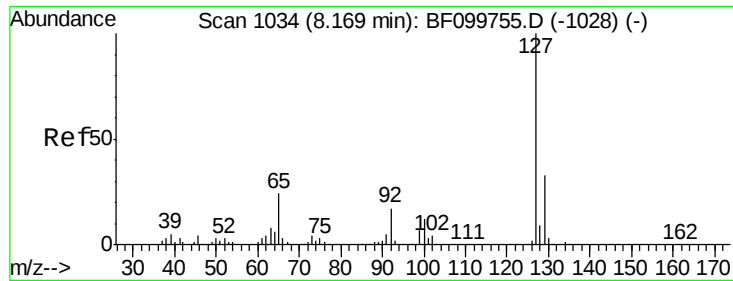
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#32
Benzoic acid
Concen: 28.262 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	114605		
105	115.7		101.1	141.1
77	74.9		70.7	110.7





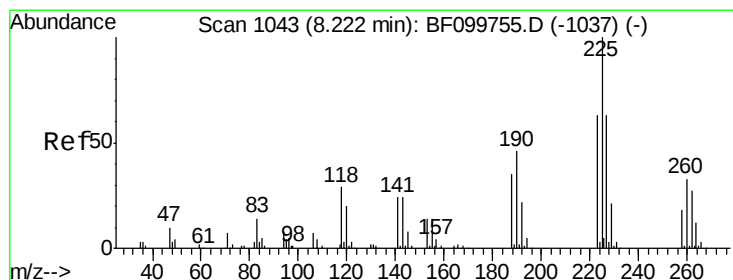
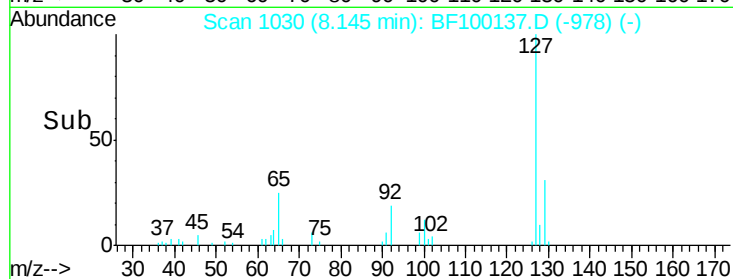
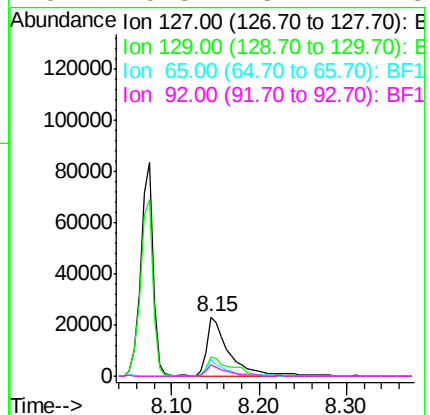
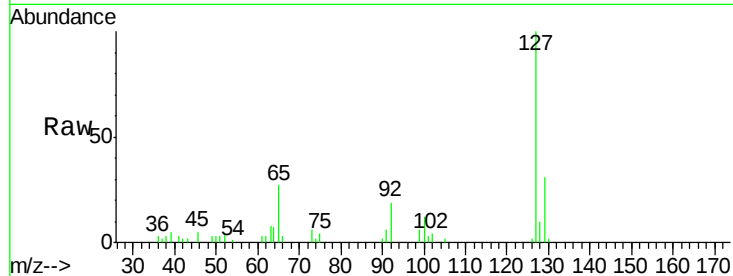
#33
4-Chloroaniline
Concen: 5.965 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion:	127	Resp:	41472
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	27.3	25.0	37.4
92	19.3	15.2	22.8

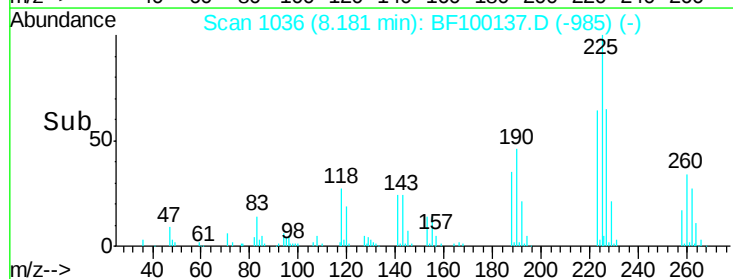
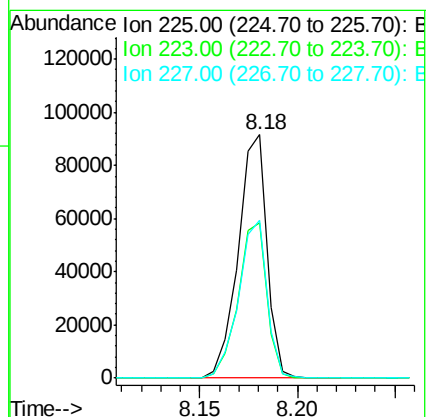
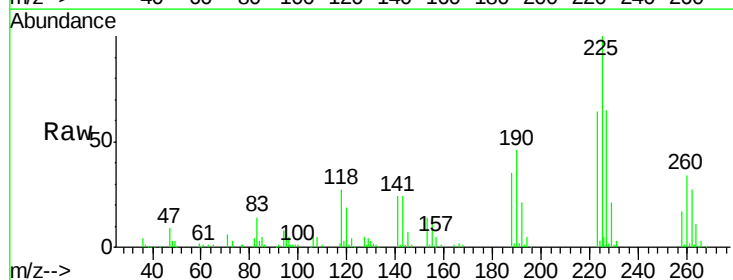
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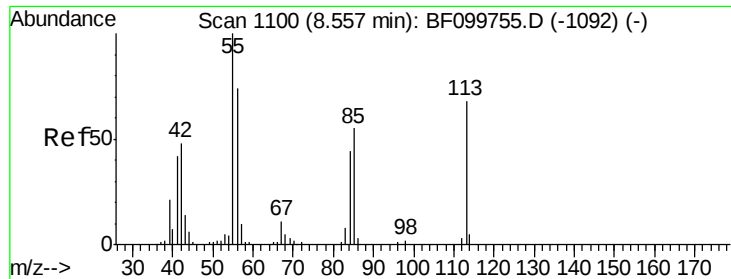
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#34
Hexachlorobutadiene
Concen: 35.669 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion:	225	Resp:	93815
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	64.7	51.9	77.9





#35

Caprolactam

Concen: 40.379 ng m

RT: 8.52 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB103597BSD

Tgt Ion:113 Resp: 60770

Ion Ratio Lower Upper

113 100

55 137.1 163.3 203.3#

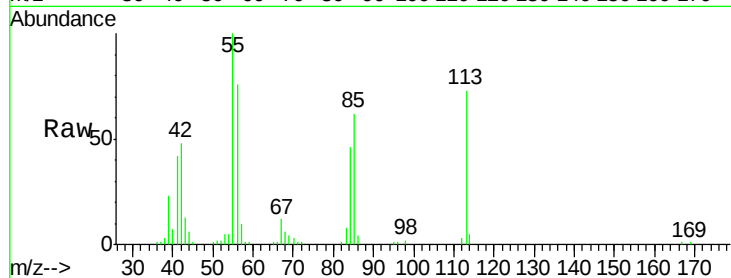
56 104.4 115.7 155.7#

Manual Integrations

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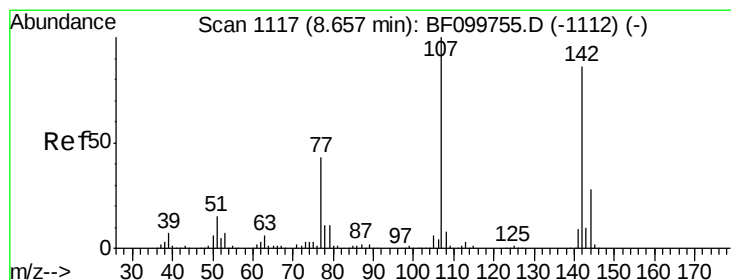
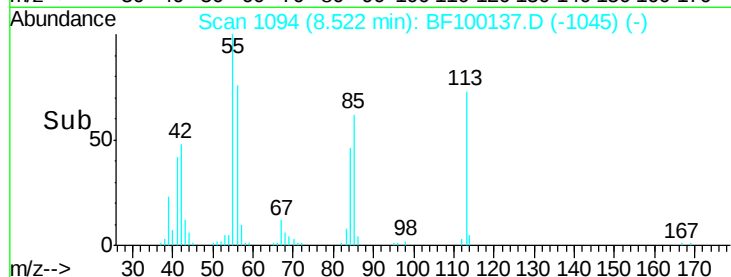
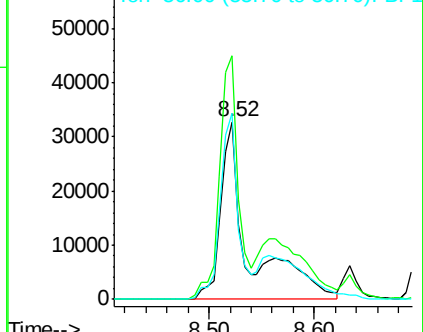
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.589 ng

RT: 8.63 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

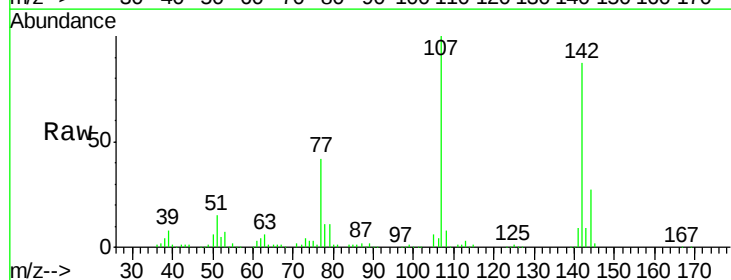
Tgt Ion:107 Resp: 193380

Ion Ratio Lower Upper

107 100

144 27.5 20.5 30.7

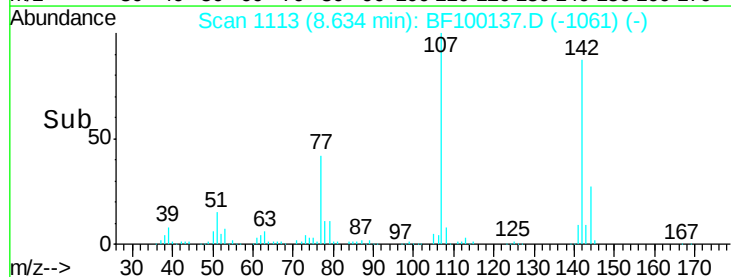
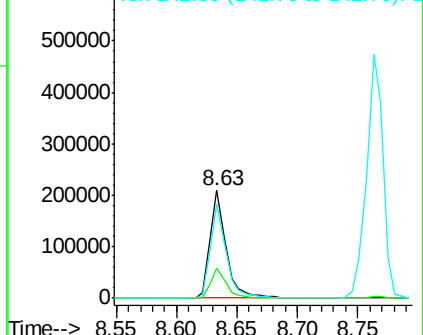
142 86.9 62.0 93.0

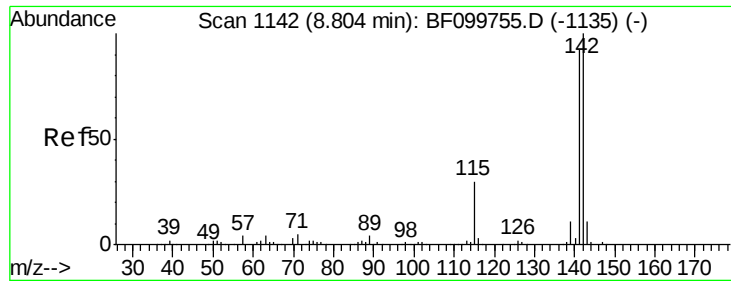


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





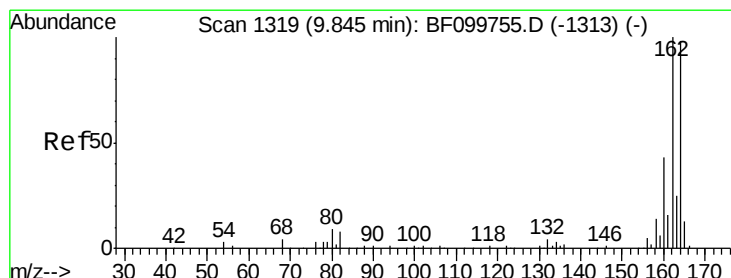
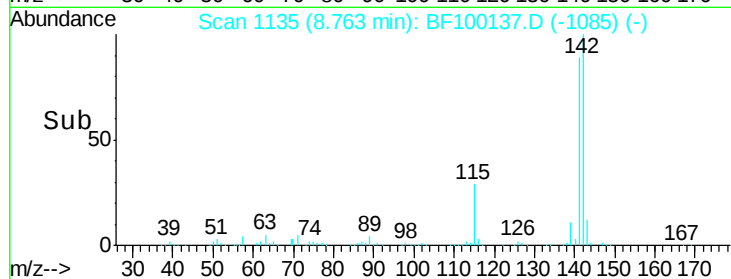
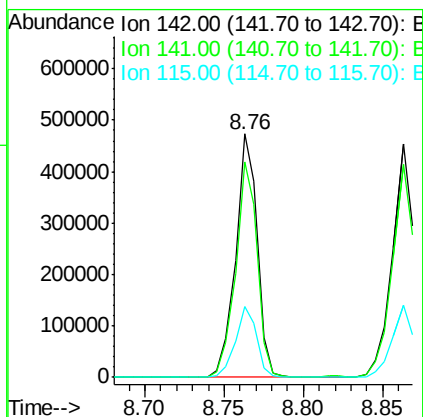
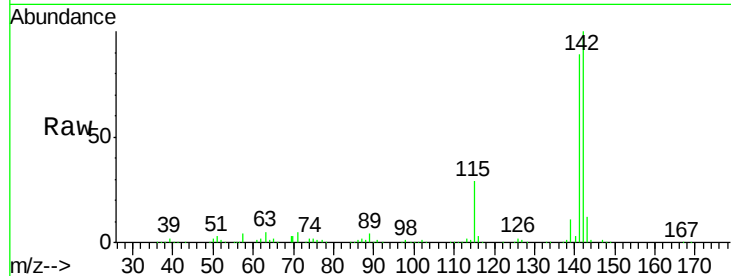
#37
2-Methylnaphthalene
Concen: 39.690 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	29.2	26.1	39.1

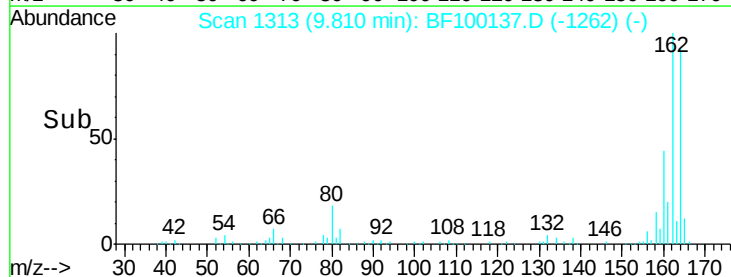
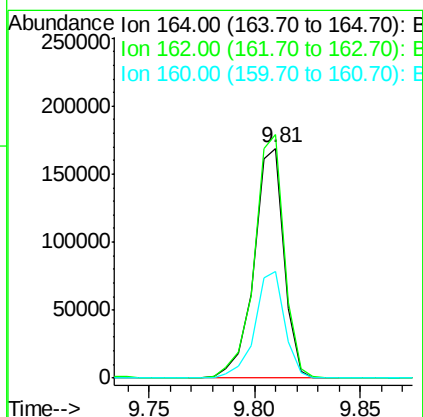
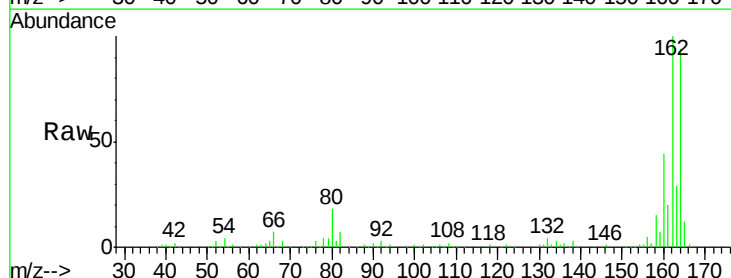
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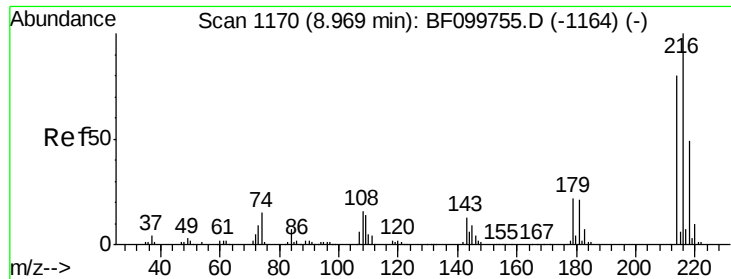
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	46.3	38.3	57.5





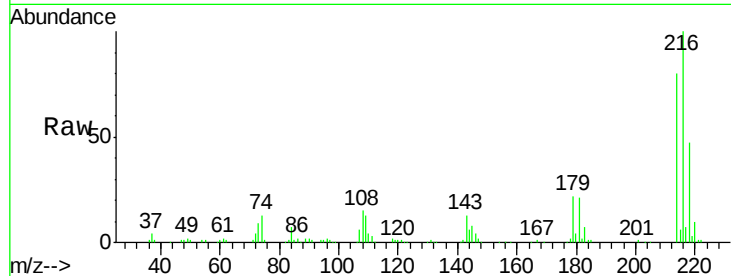
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.027 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

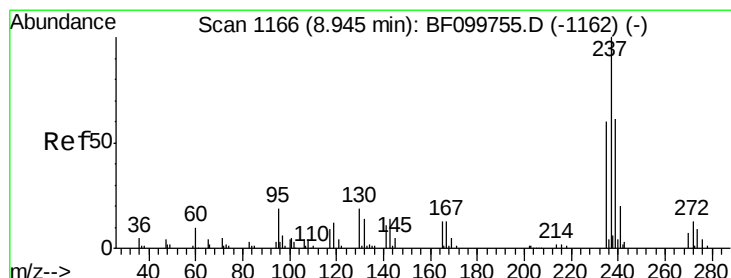
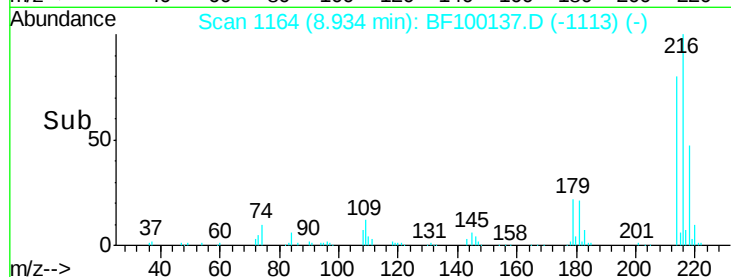
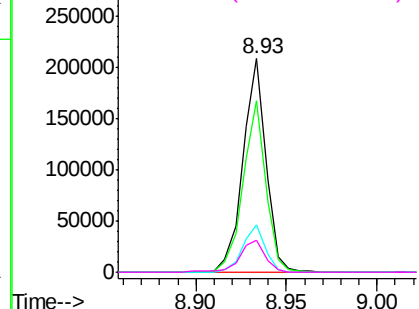
Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.1	63.0	94.4
179	21.7	18.1	27.1
108	16.9	17.2	25.8

Manual Integrations
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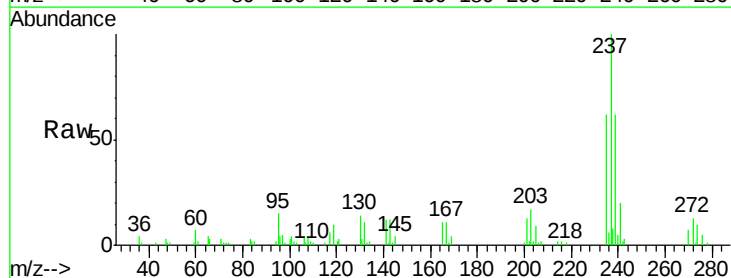


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

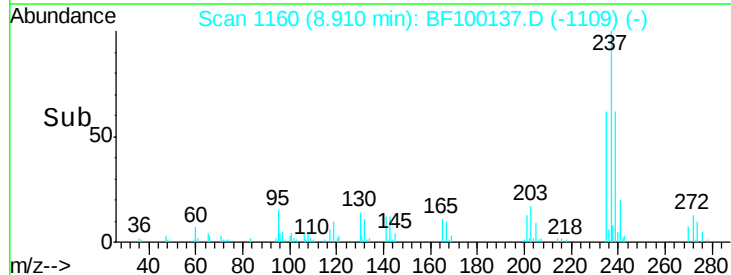
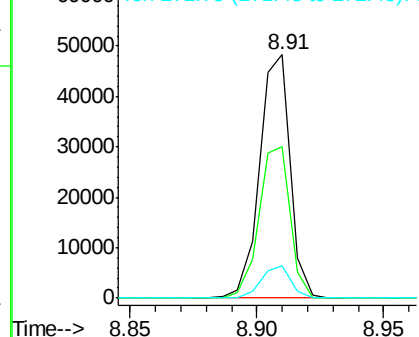


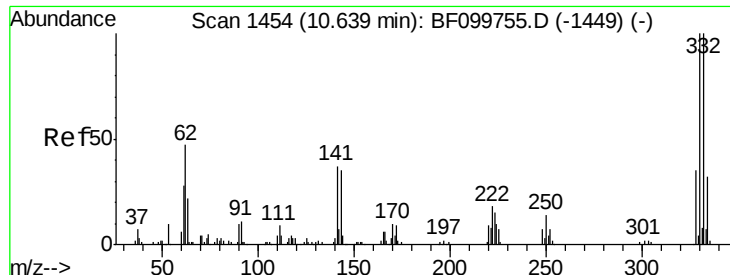
#40
 Hexachlorocyclopentadiene
 Concen: 45.509 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.3	44.8	84.8
272	13.3	0.0	33.3



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





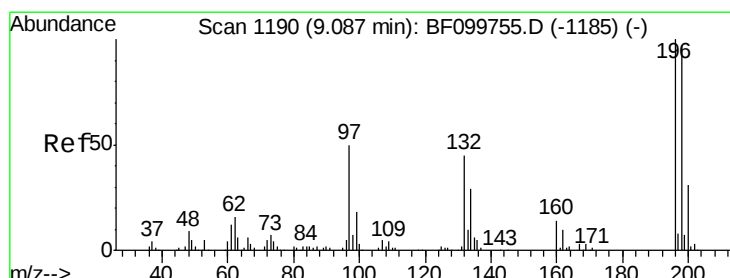
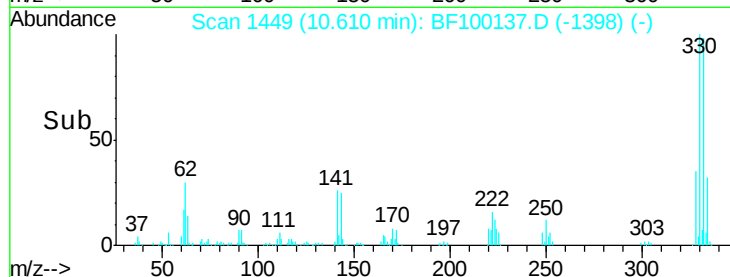
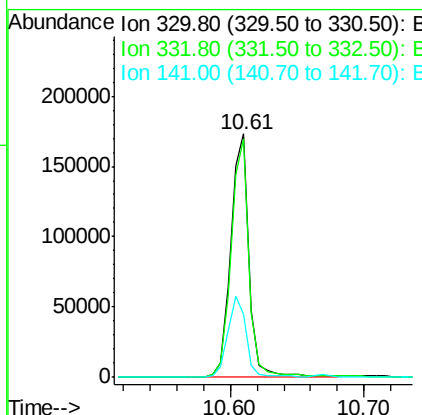
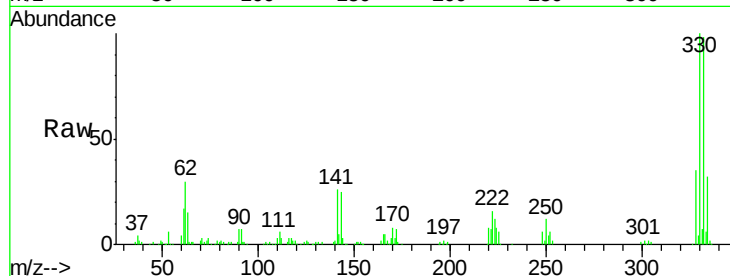
#41
 2,4,6-Tribromophenol
 Concen: 110.253 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	168176		
332	98.0	77.0	115.6	
141	33.8	29.9	44.9	

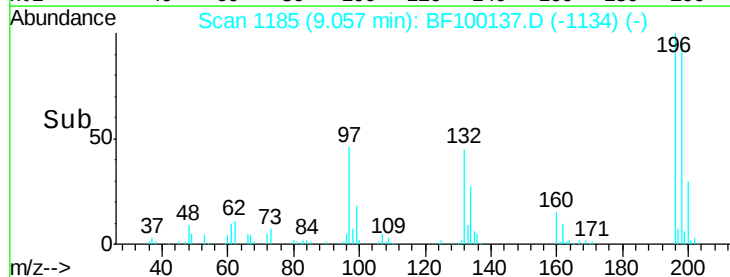
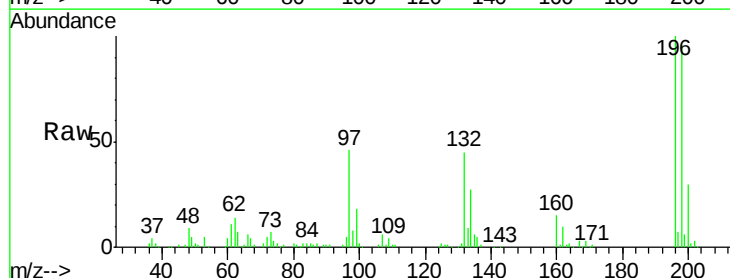
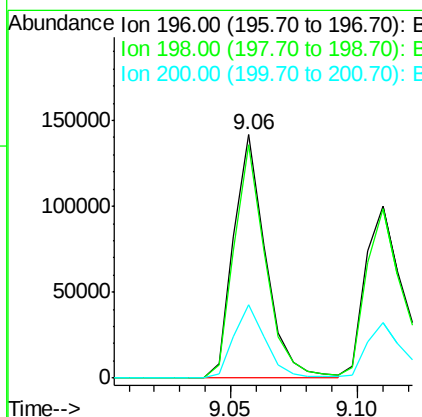
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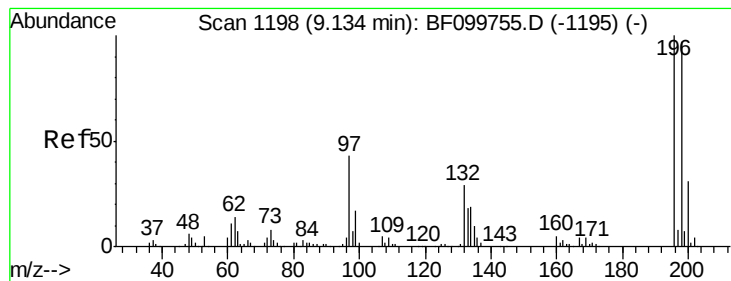
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#42
 2,4,6-Trichlorophenol
 Concen: 38.146 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	124736		
198	95.6	75.7	113.5	
200	30.3	24.5	36.7	





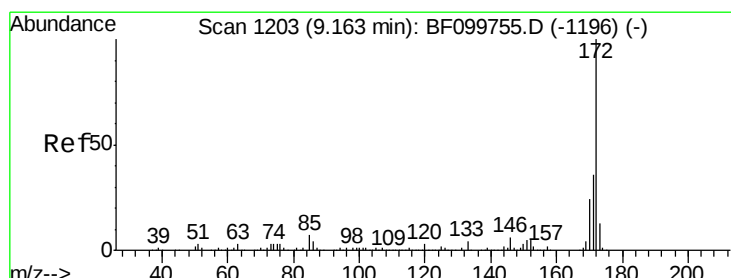
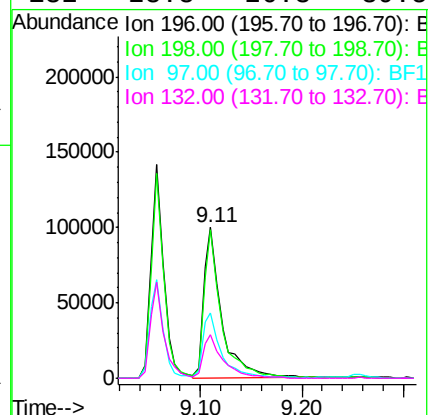
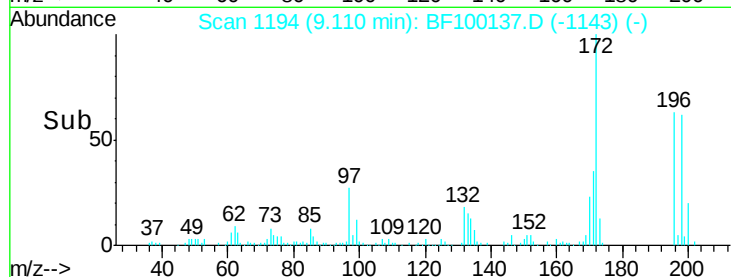
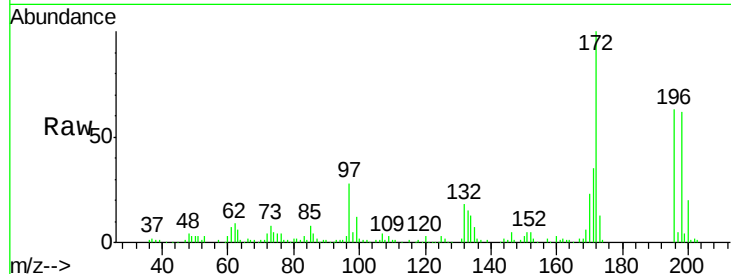
#43
 2,4,5-Trichlorophenol
 Concen: 35.340 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	122630		
198	98.8	74.6	112.0	
97	43.6	42.9	64.3	
132	28.8	26.3	39.5	

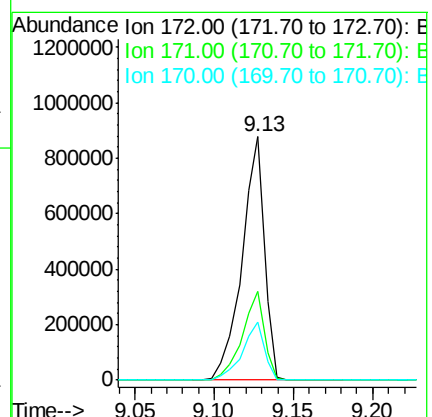
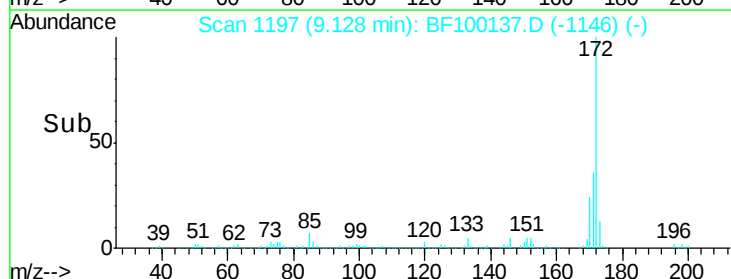
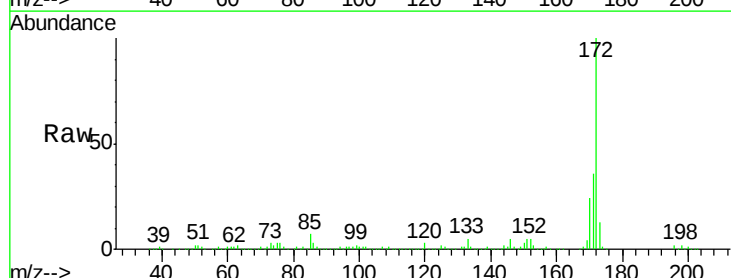
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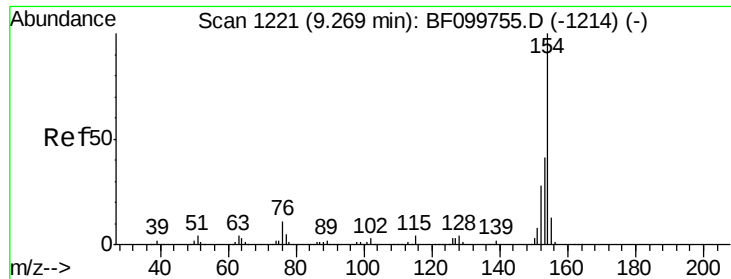
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#44
 2-Fluorobiphenyl
 Concen: 79.295 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	860264		
171	36.2	29.7	44.5	
170	23.6	19.6	29.4	





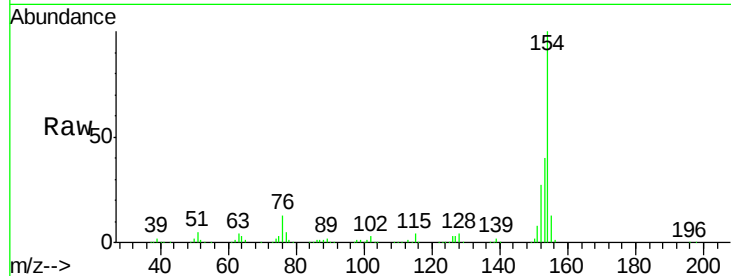
#45
 1,1'-Biphenyl
 Concen: 34.742 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

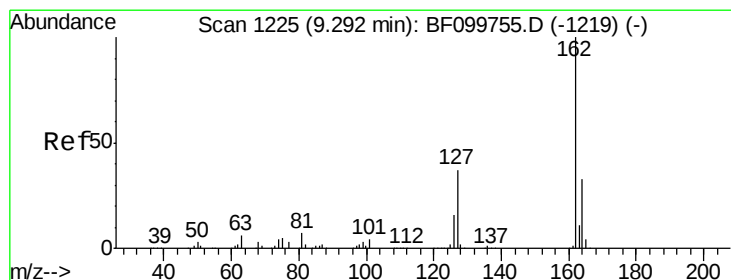
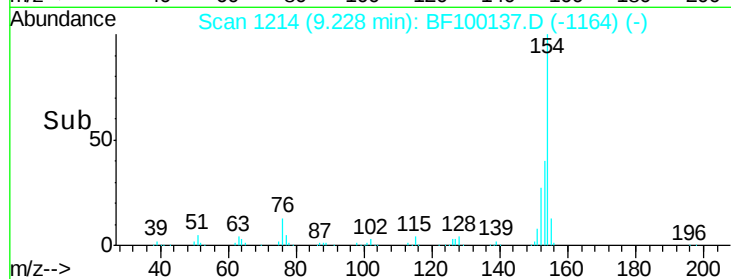
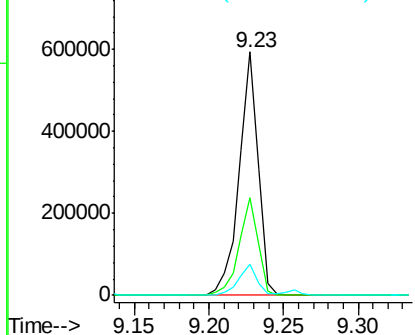
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	21.3	61.3	
76	12.6	0.0	34.0	

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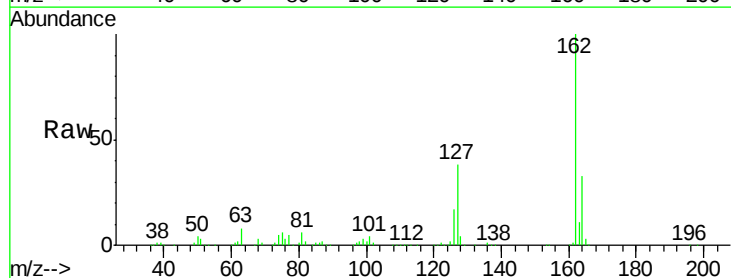


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

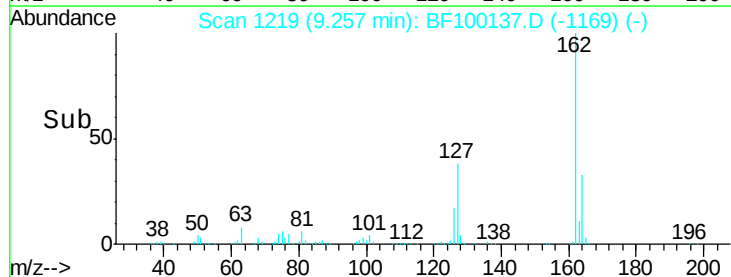
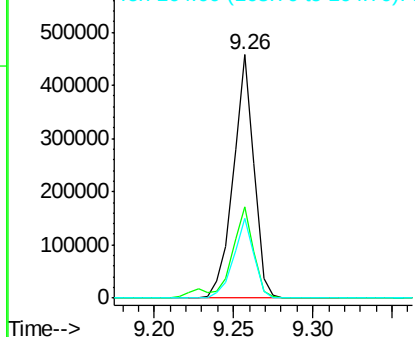


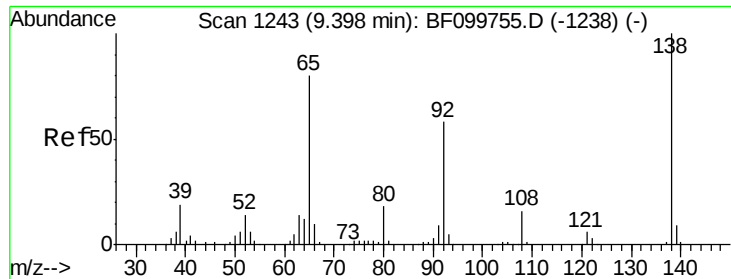
#46
 2-Chloronaphthalene
 Concen: 37.637 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.7	33.9	50.9	
164	32.9	26.5	39.7	



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





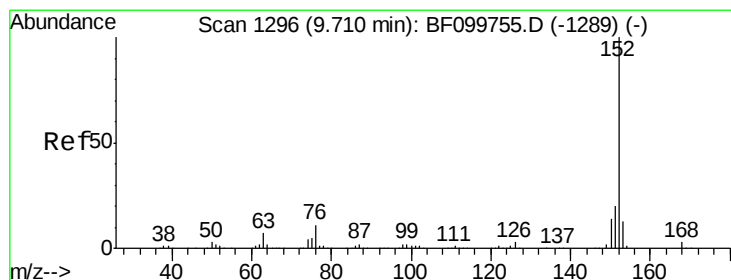
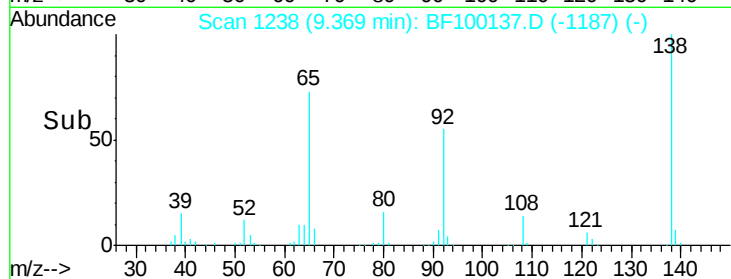
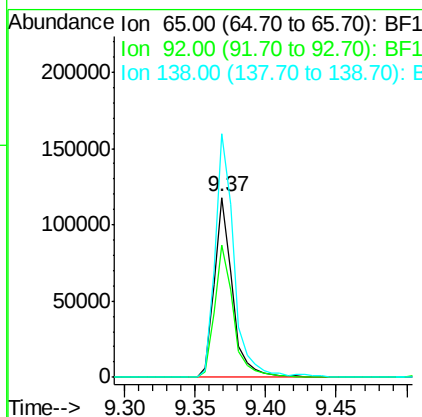
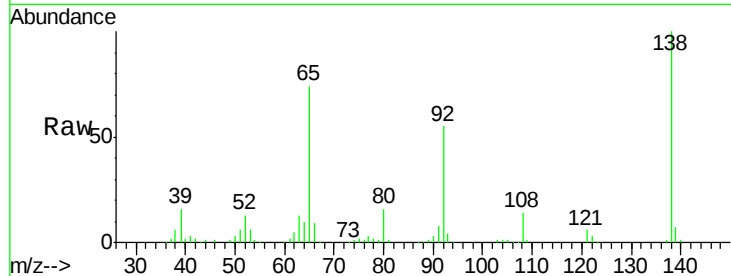
#47
 2-Nitroaniline
 Concen: 36.480 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.8	55.8	83.6
138	135.2	91.2	136.8

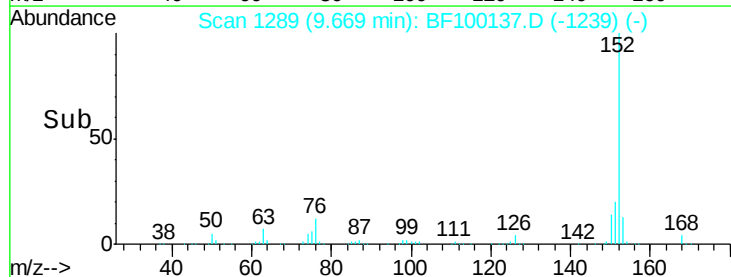
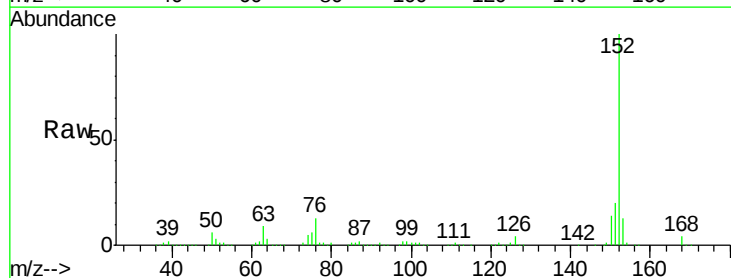
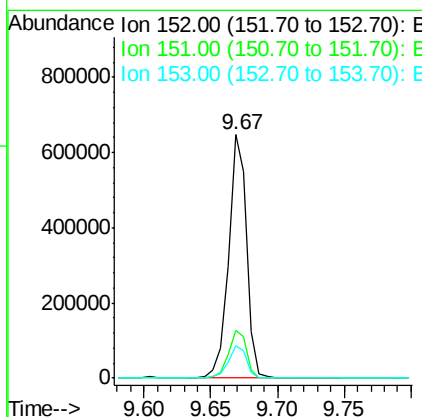
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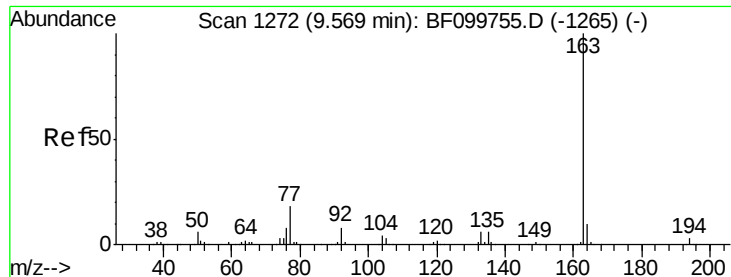
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#48
 Acenaphthylene
 Concen: 36.274 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.2	10.7	16.1





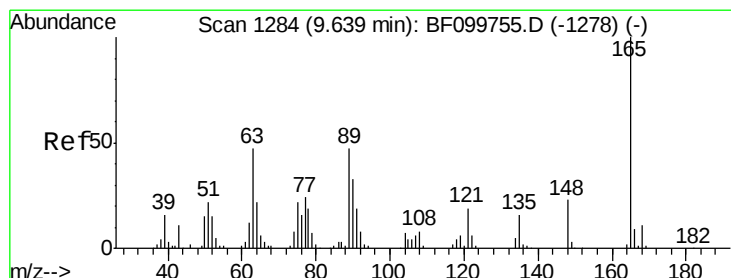
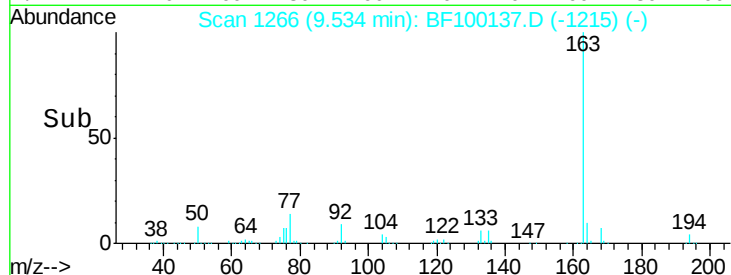
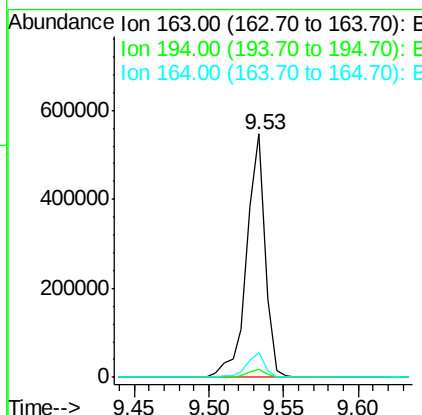
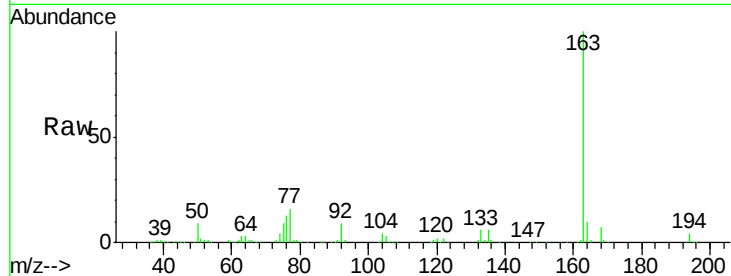
#49
Dimethylphthalate
Concen: 35.185 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	466390		
194	3.6	2.7	4.1	
164	9.9	8.2	12.2	

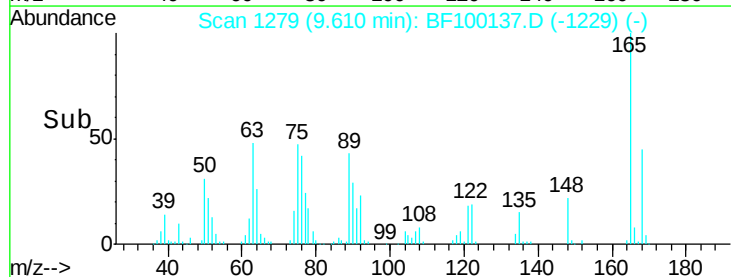
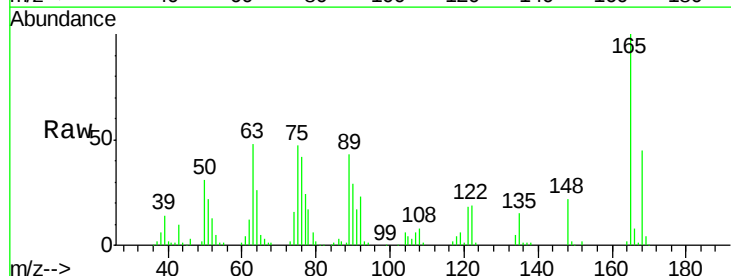
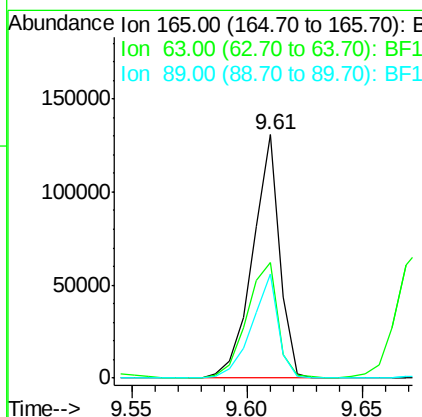
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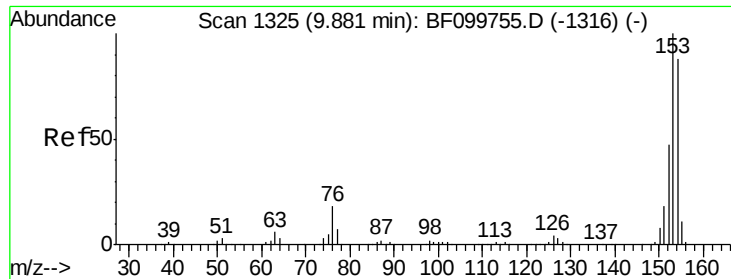
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#50
2,6-Dinitrotoluene
Concen: 38.239 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	106555		
63	47.7	44.7	67.1	
89	42.6	44.0	66.0	





#51

Acenaphthene

Concen: 36.133 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF100137.D

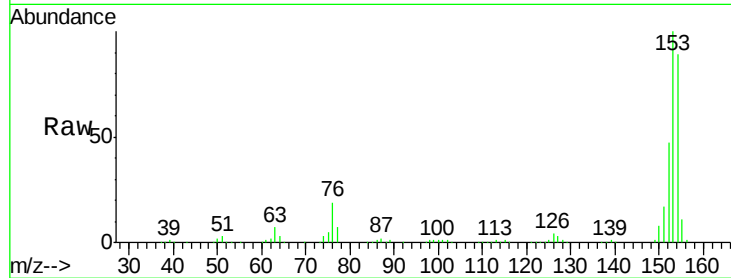
Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

ClientSampleId :

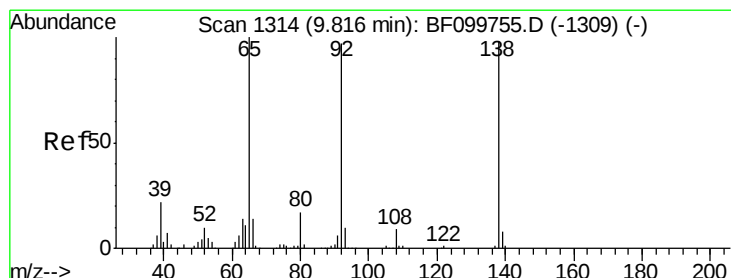
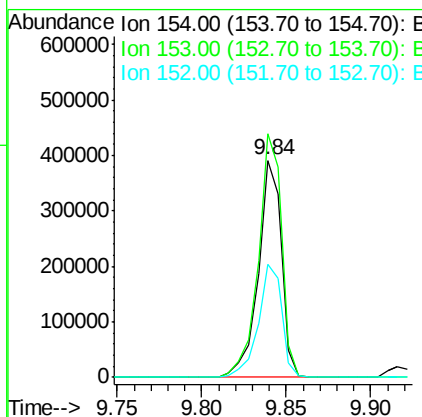
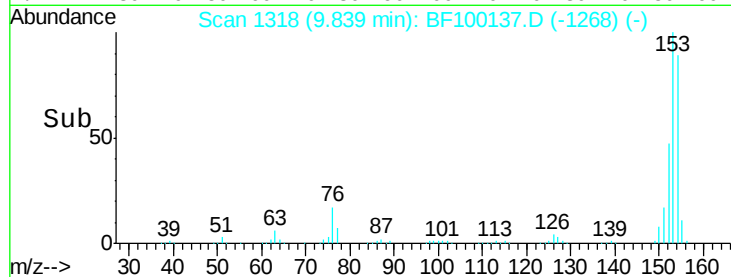
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Tgt Ion:	154	Resp:	373942
Ion Ratio	Lower	Upper	
154	100		
153	112.2	91.2	136.8
152	52.3	43.8	65.8

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#52

3-Nitroaniline

Concen: 11.816 ng

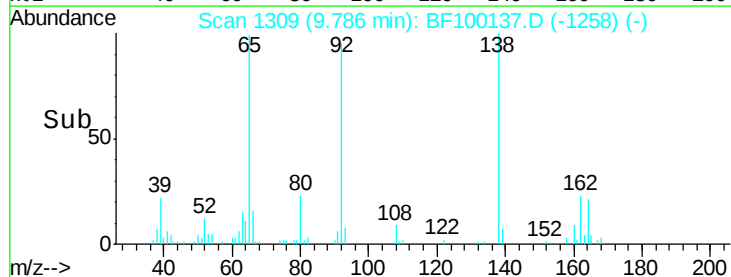
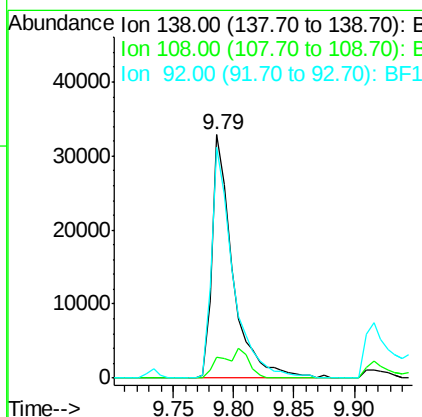
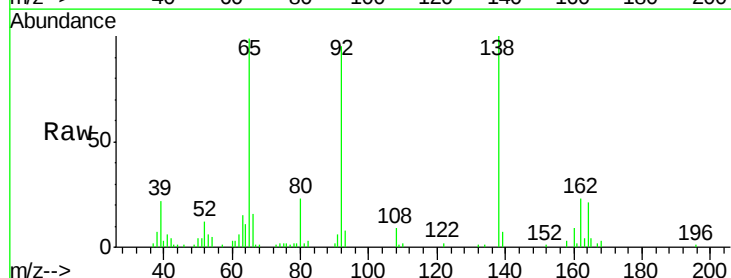
RT: 9.79 min Scan# 1309

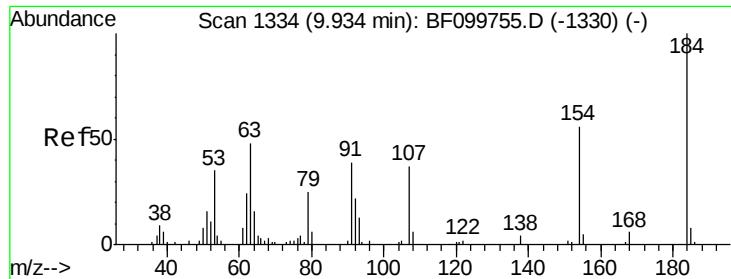
Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Tgt Ion:	138	Resp:	38796
Ion Ratio	Lower	Upper	
138	100		
108	8.8	9.4	14.0#
92	95.1	89.4	134.2





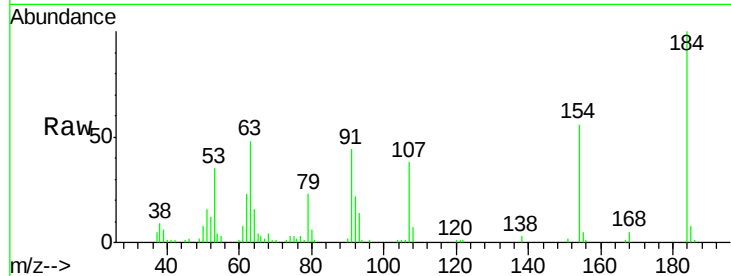
#53
2,4-Dinitrophenol
Concen: 63.787 ng m
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

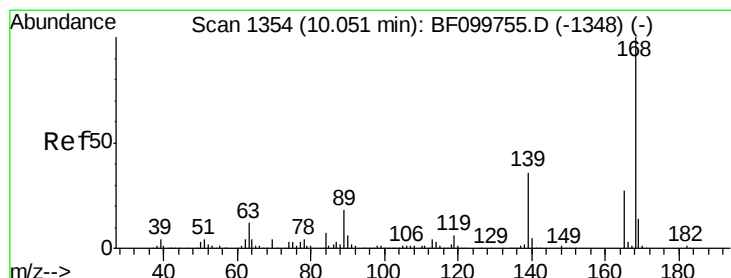
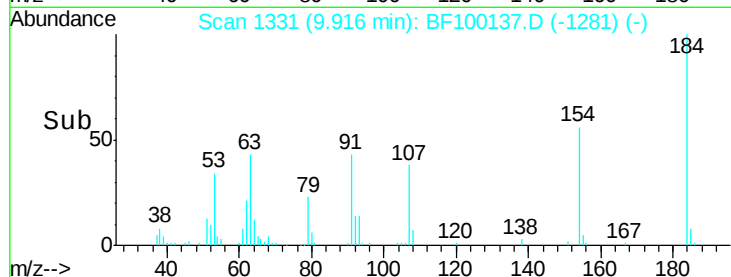
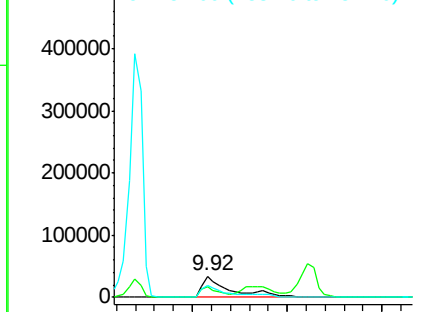
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	68794		
63	47.9	54.2	81.2#	
154	56.2	53.5	80.3	

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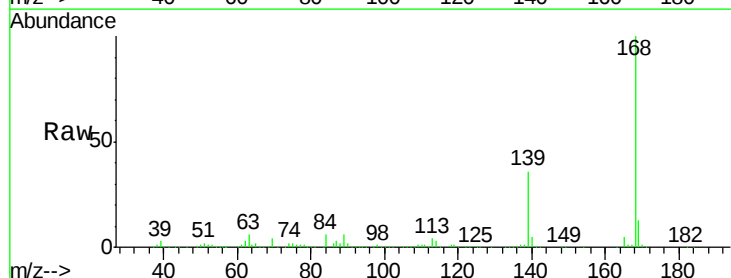


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

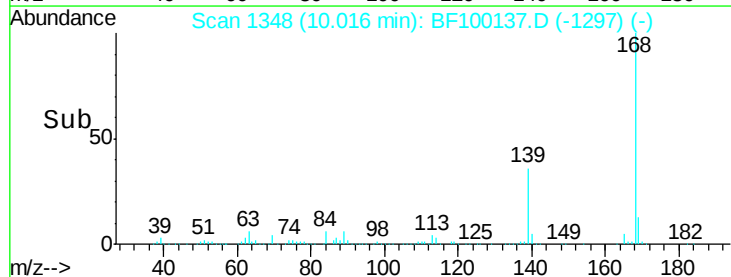
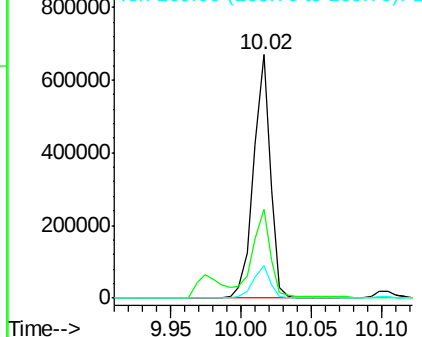


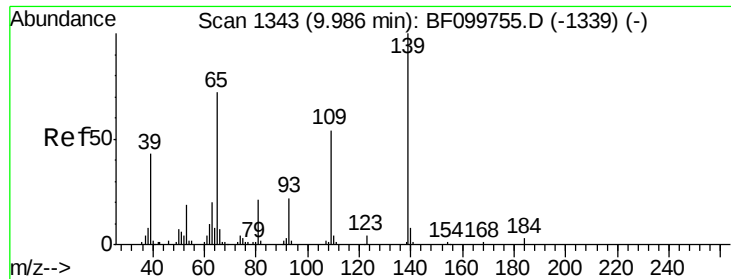
#54
Dibenzofuran
Concen: 38.494 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	562327		
139	36.4	30.1	45.1	
169	13.4	10.9	16.3	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





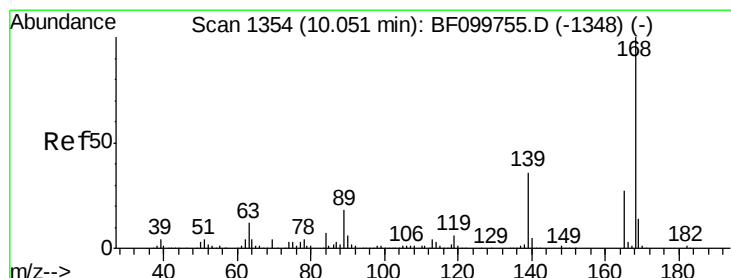
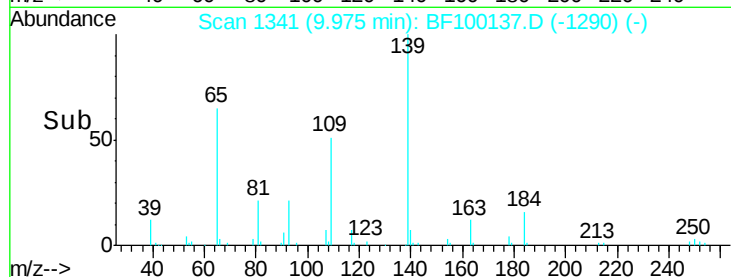
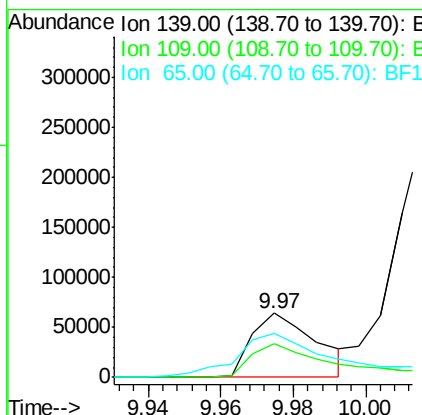
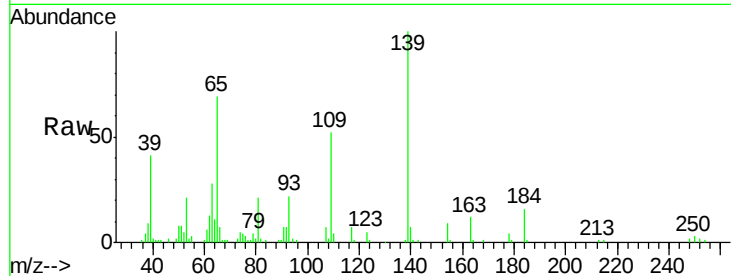
#55
4-Nitrophenol
Concen: 46.242 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	79331		
109	52.0	48.4	88.4	
65	68.9	72.6	112.6	#

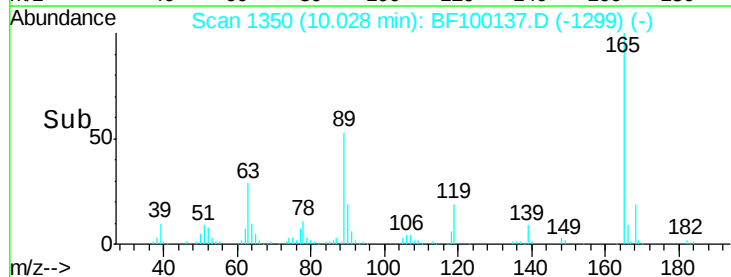
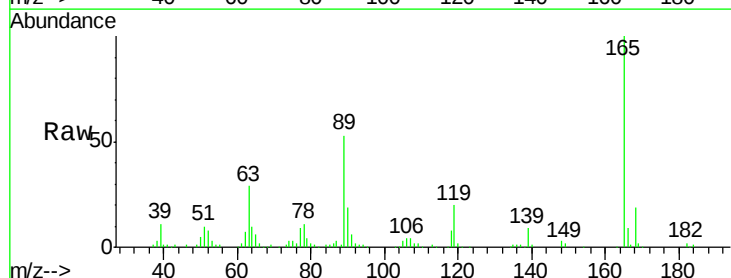
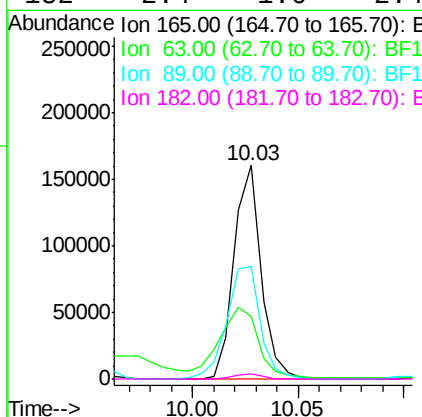
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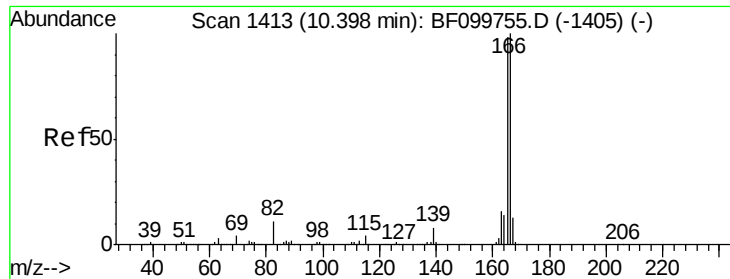
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#56
2,4-Dinitrotoluene
Concen: 42.143 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	141423		
63	29.3	36.4	54.6	#
89	52.7	57.8	86.6	#
182	2.4	1.6	2.4	#





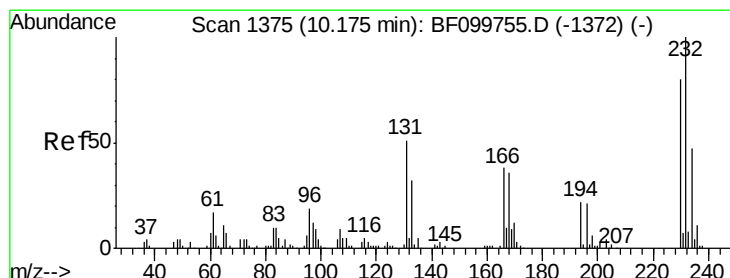
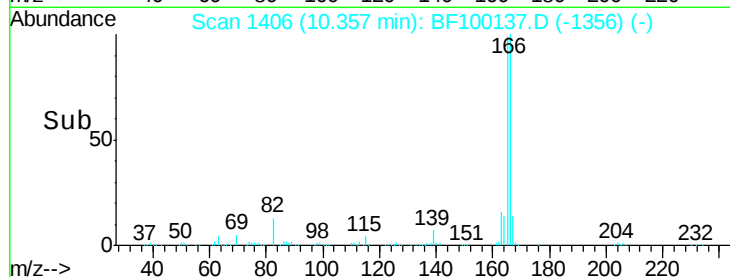
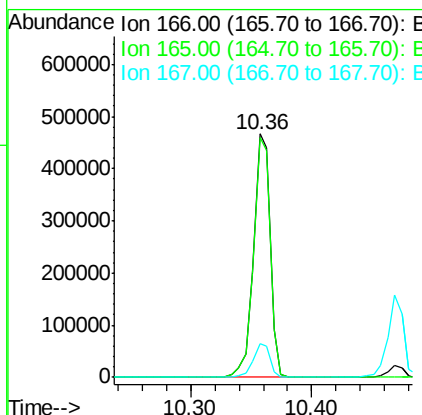
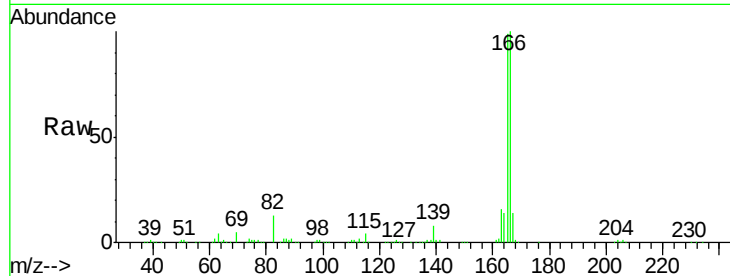
#57
 Fluorene
 Concen: 37.257 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	450634		
165	98.6	79.8	119.8	
167	13.6	10.6	16.0	

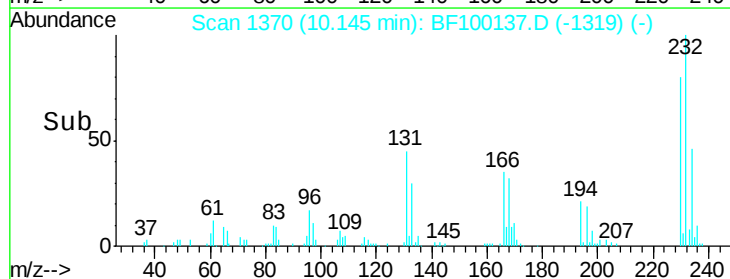
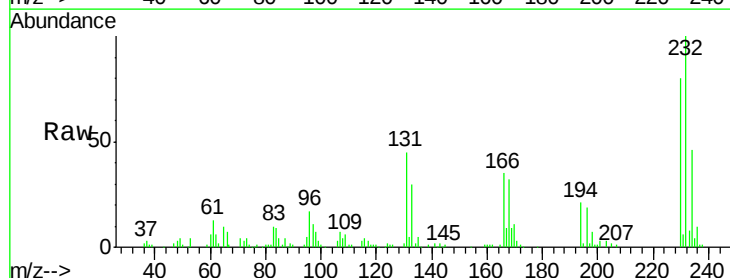
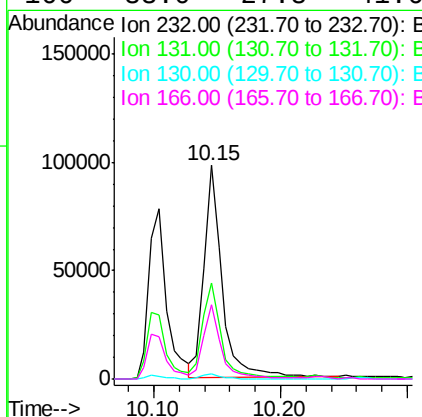
Manual Integrations
 APPROVED

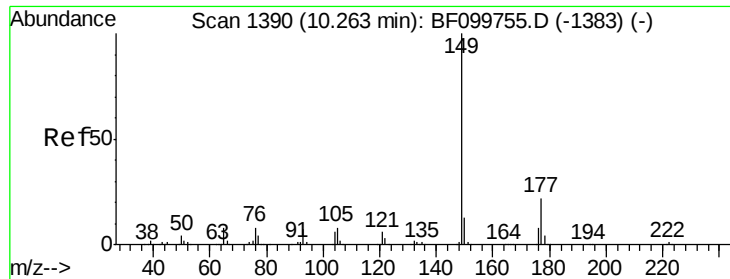
Sohil
 11/4/2017 2:18:48 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.374 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	98229		
131	45.1	43.8	65.8	
130	2.2	2.1	3.1	
166	33.0	27.8	41.6	





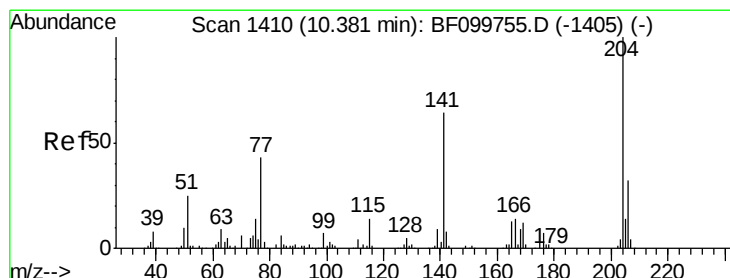
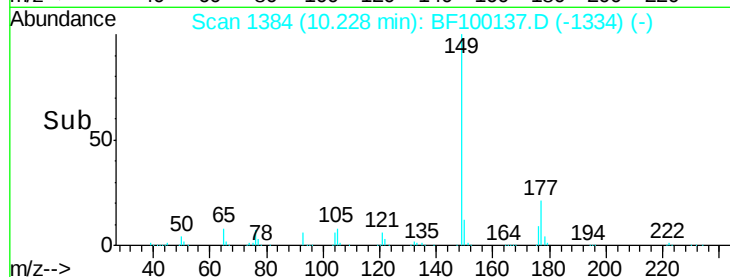
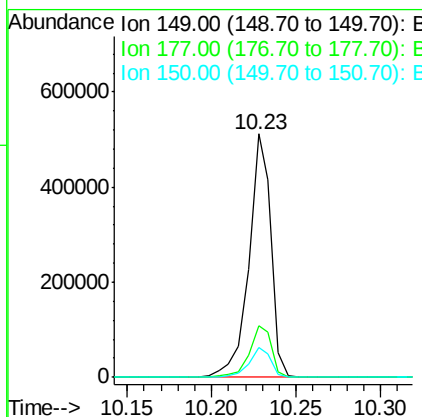
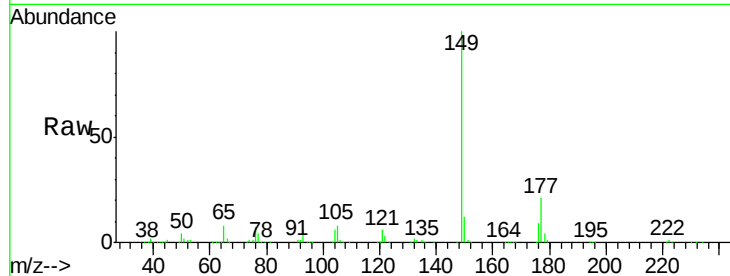
#59
Diethylphthalate
Concen: 36.006 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	466071		
177	21.1	16.1	24.1	
150	12.1	10.1	15.1	

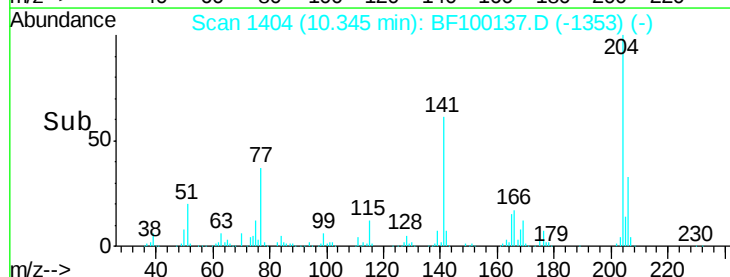
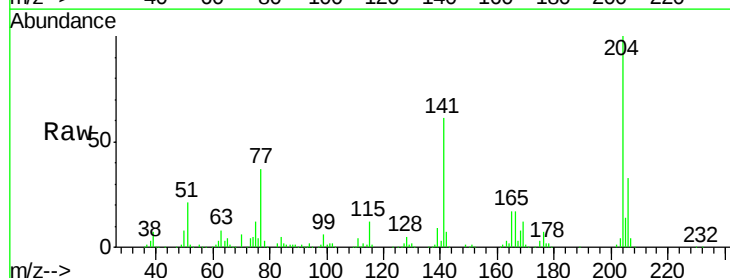
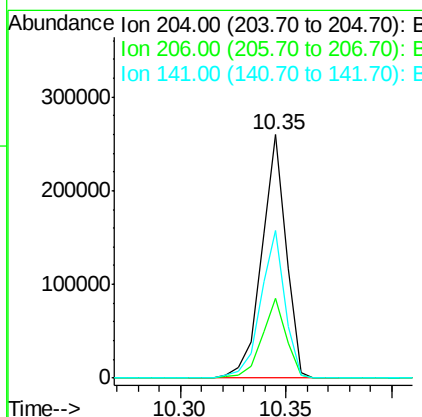
Manual Integrations
APPROVED

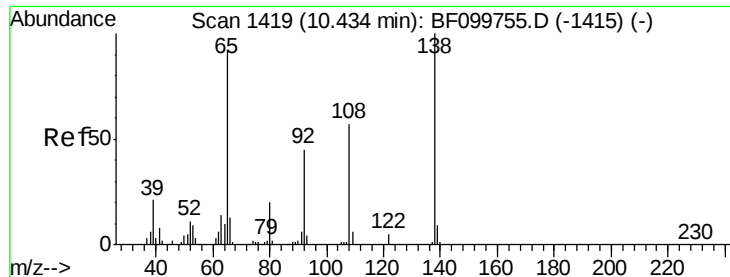
Sohil
11/4/2017 2:18:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.671 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	208745		
206	33.0	26.5	39.7	
141	60.8	54.6	81.8	





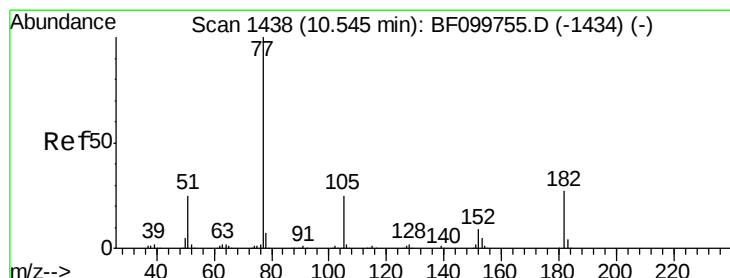
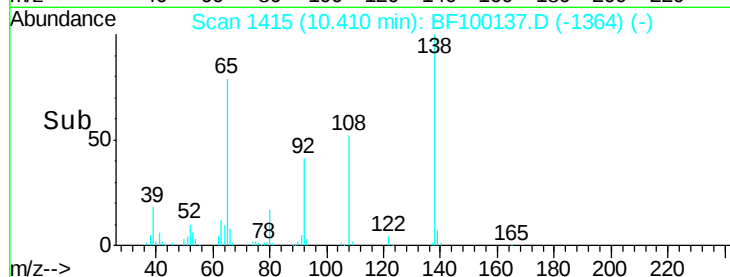
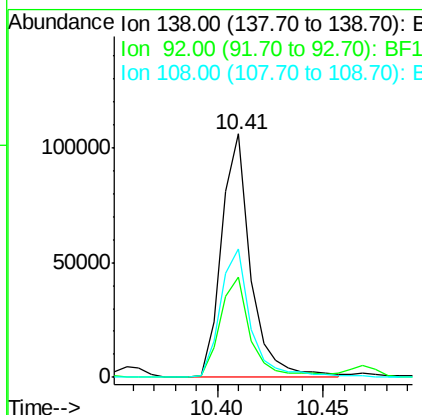
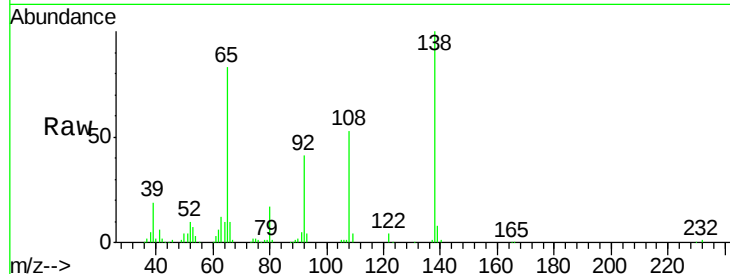
#61
4-Nitroaniline
Concen: 32.429 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.0	30.2	70.2
108	53.0	52.5	92.5

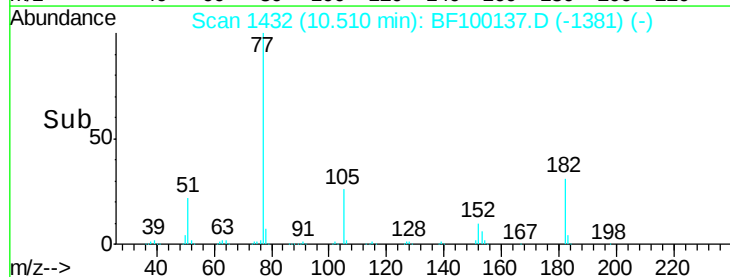
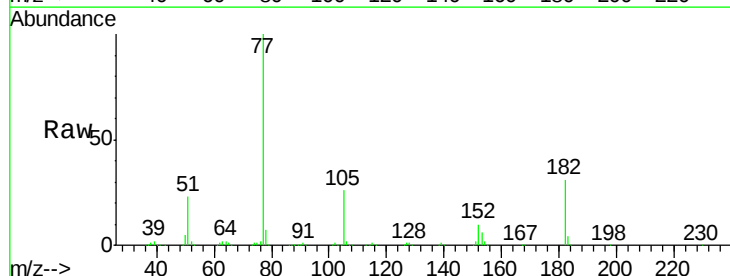
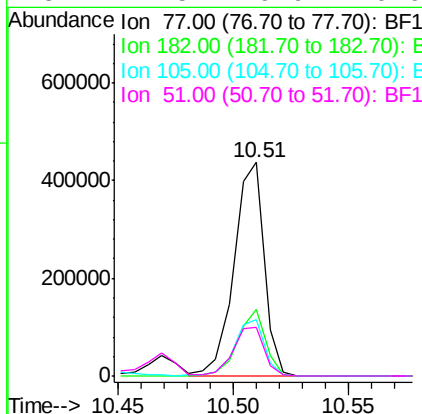
Manual Integrations
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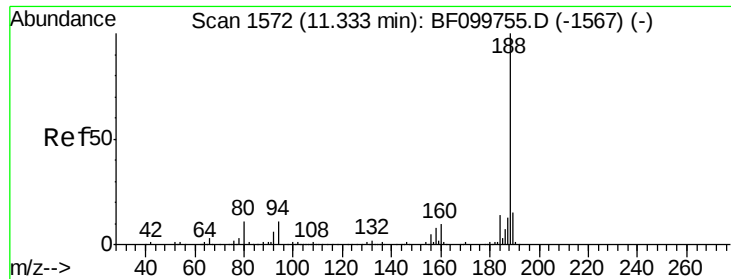
Sohil
11/4/2017 2:18:48 PM



#62
Azobenzene
Concen: 36.766 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.9	1.7	41.7
105	26.4	3.0	43.0
51	22.5	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

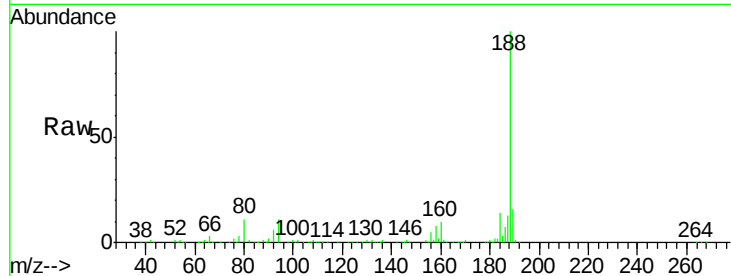
ClientSampleId :

PB103597BSD

Tgt Ion:	188	Resp:	299575
Ion Ratio	Lower	Upper	
188	100		
94	10.6	8.5	12.7
80	11.1	9.2	13.8

Manual Integrations
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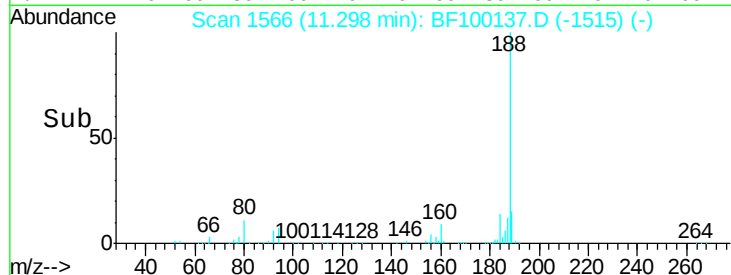


Abundance Ion 188.00 (187.70 to 188.70): E

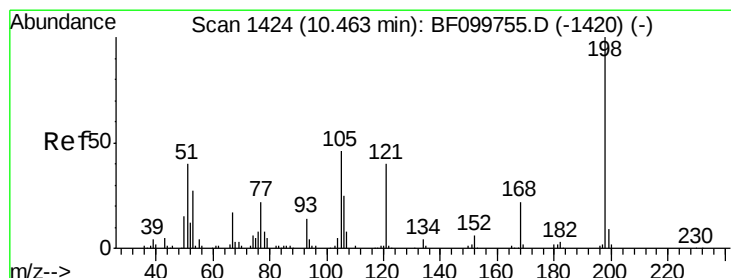
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 28.372 ng

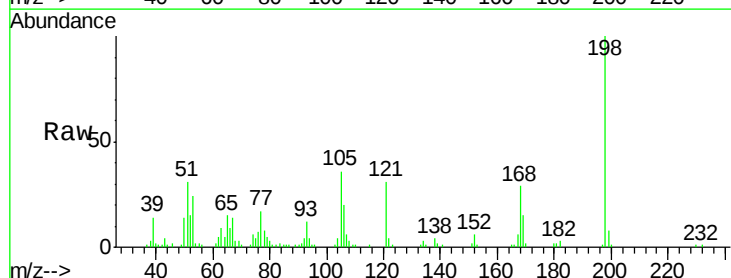
RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Tgt Ion:	198	Resp:	53429
Ion Ratio	Lower	Upper	
198	100		
51	30.9	37.7	77.7#
105	36.0	36.3	76.3#

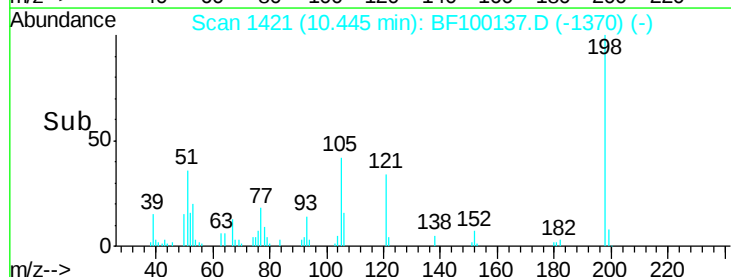


Abundance Ion 198.00 (197.70 to 198.70): E

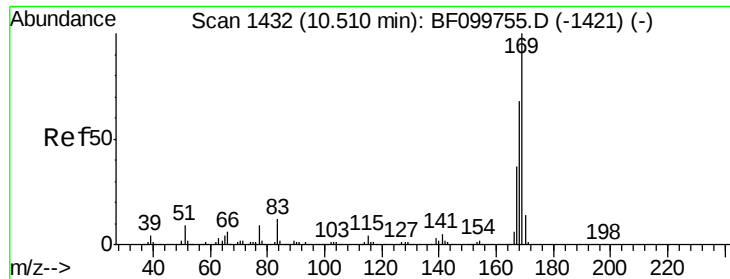
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



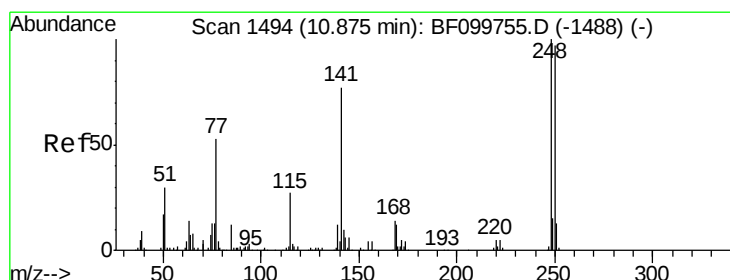
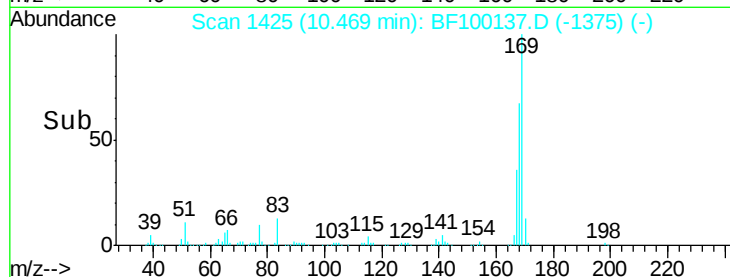
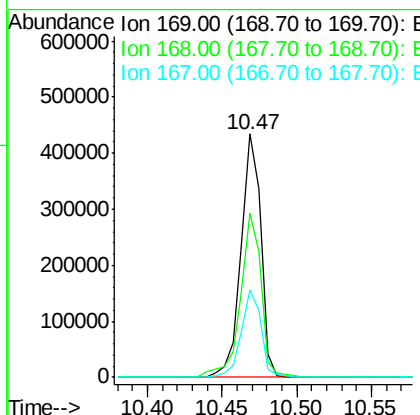
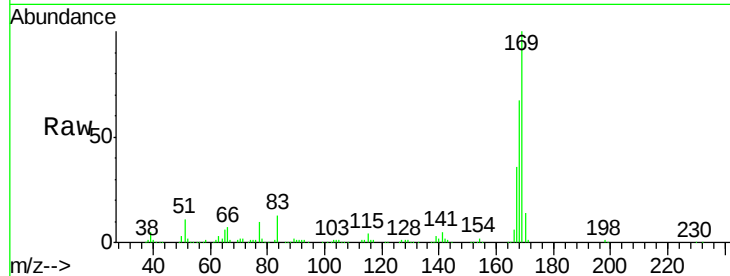
#65
 n-Nitrosodiphenylamine
 Concen: 36.331 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	401767		
168	67.3	54.4	81.6	
167	36.2	29.8	44.6	

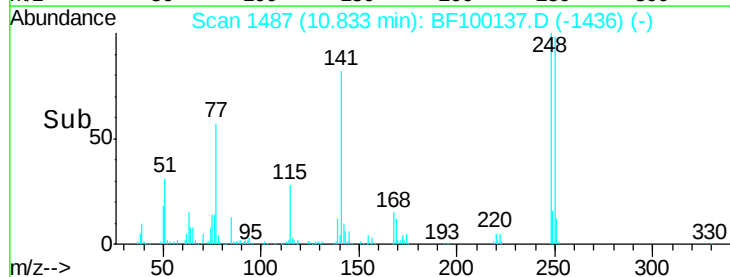
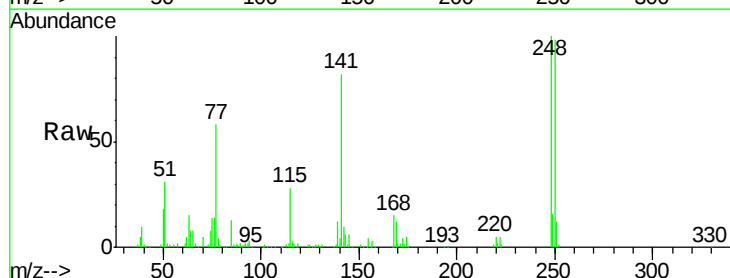
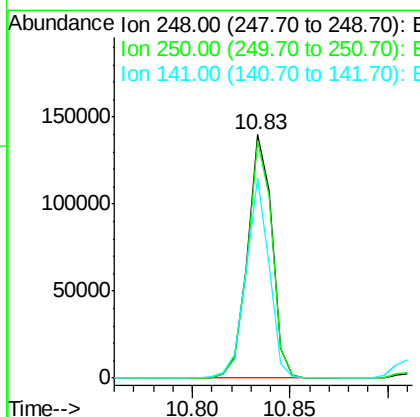
Manual Integrations
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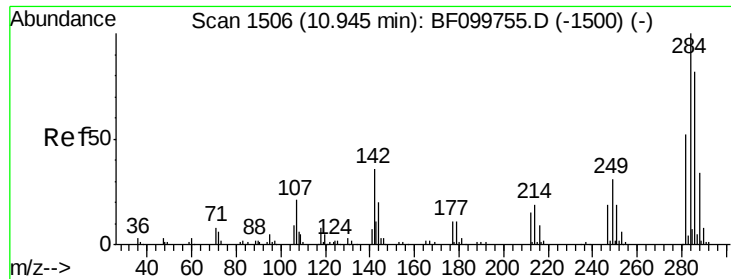
Sohil
 11/4/2017 2:18:48 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.620 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	121799		
250	97.6	76.9	115.3	
141	82.4	74.4	111.6	





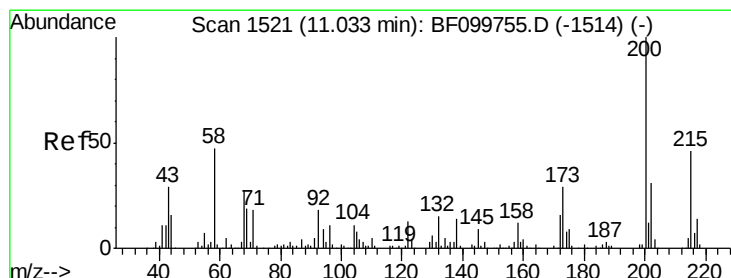
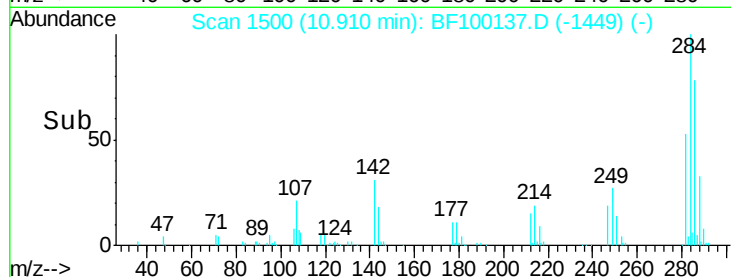
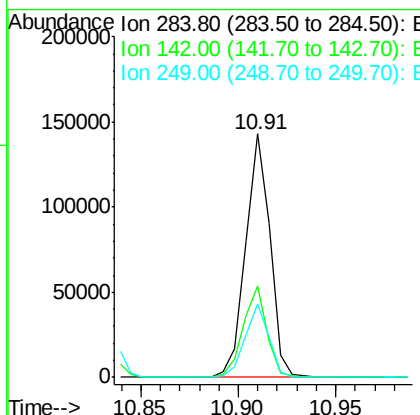
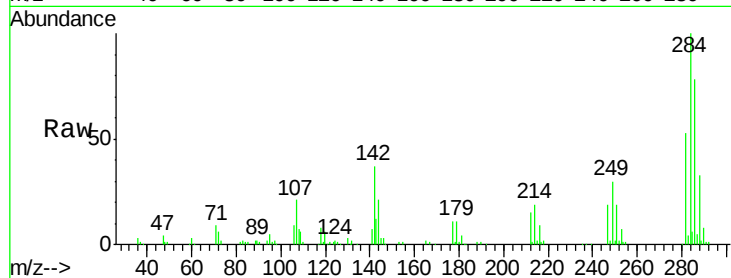
#67
Hexachlorobenzene
Concen: 38.180 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	123189		
142	37.4	34.6	52.0	
249	30.2	24.8	37.2	

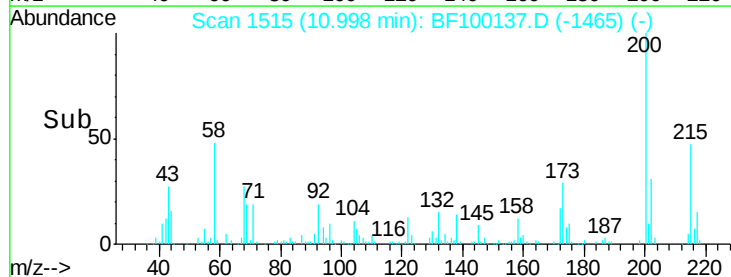
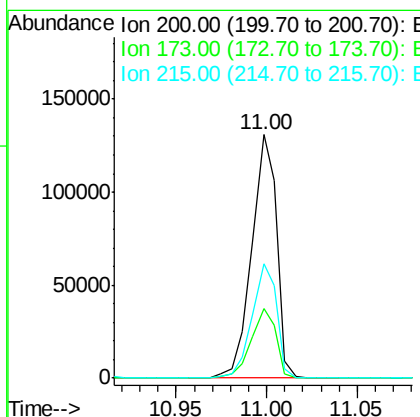
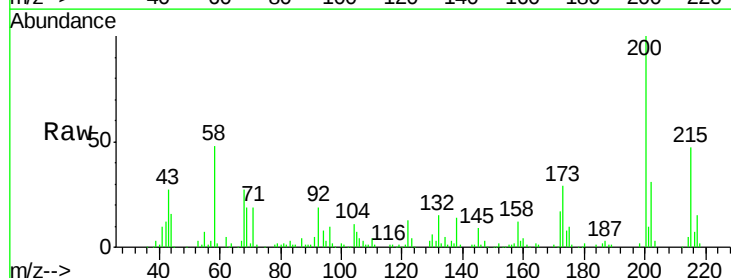
Manual Integrations
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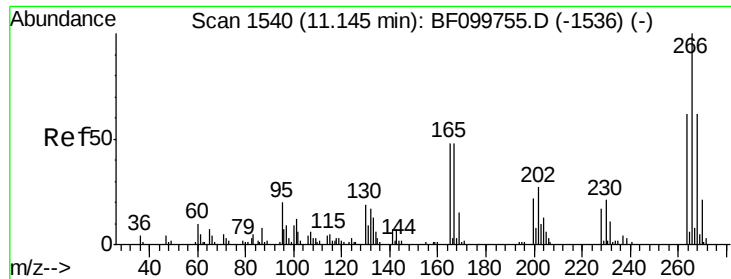
Sohil
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#68
Atrazine
Concen: 37.580 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	124834		
173	28.5	8.6	48.6	
215	46.7	25.1	65.1	





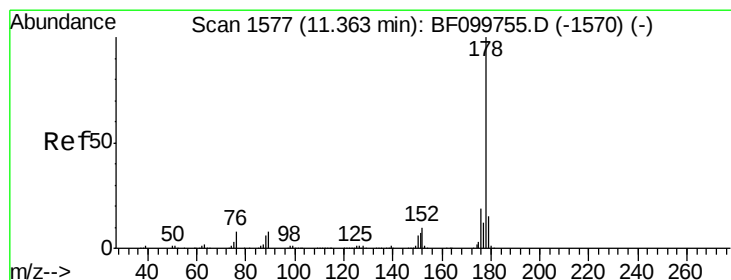
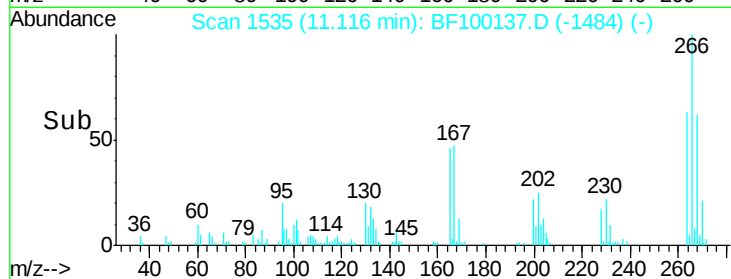
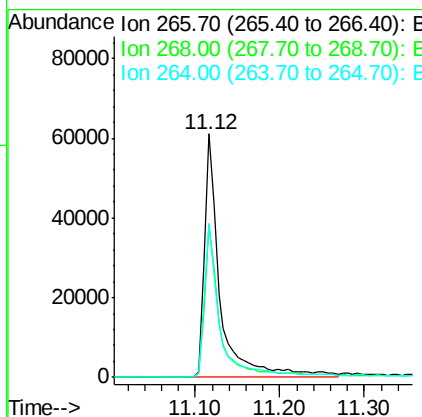
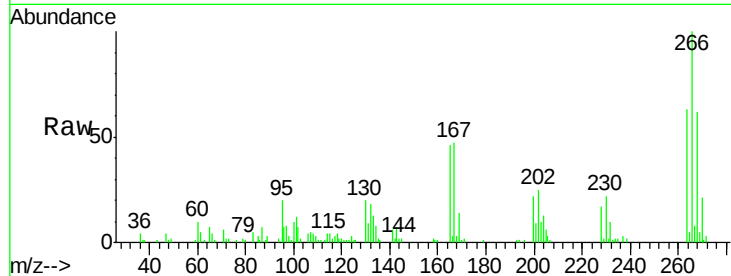
#69
 Pentachlorophenol
 Concen: 57.560 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	63.3	49.5	74.3

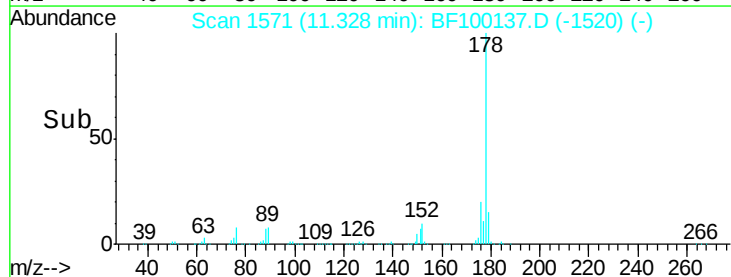
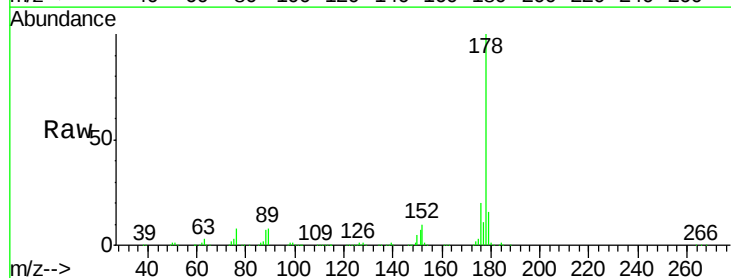
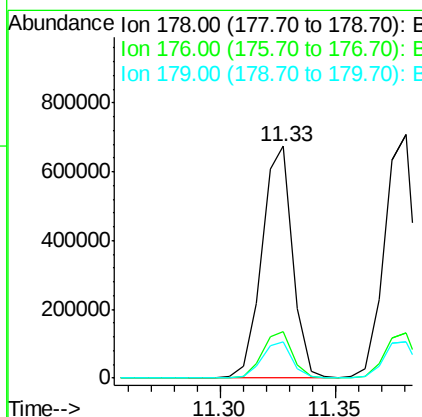
Manual Integrations
 APPROVED

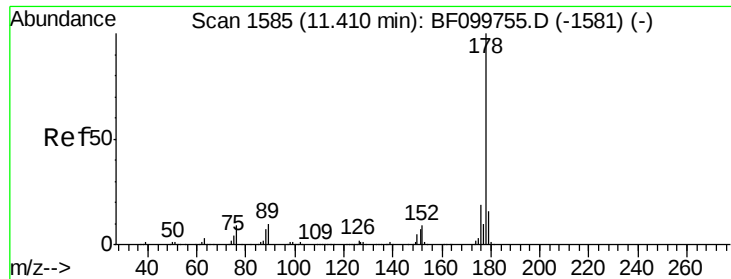
Sohil
 11/4/2017 2:18:48 PM



#70
 Phenanthrene
 Concen: 36.903 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.7	13.0	19.6





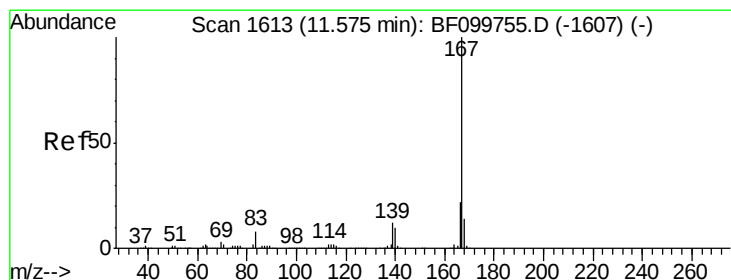
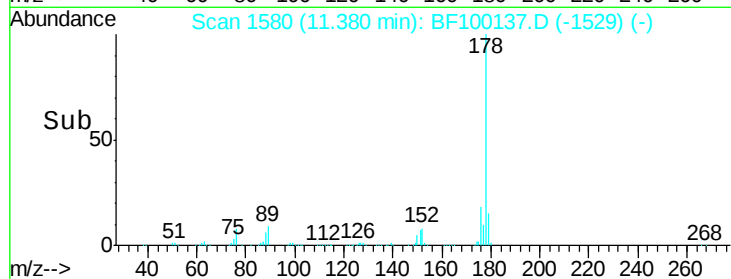
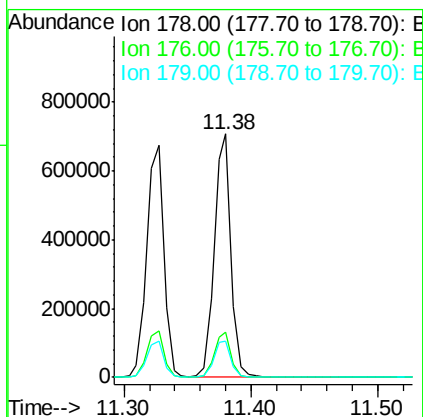
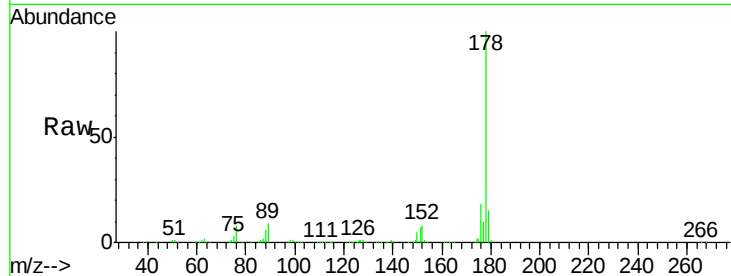
#71
 Anthracene
 Concen: 38.417 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.1	12.6	19.0

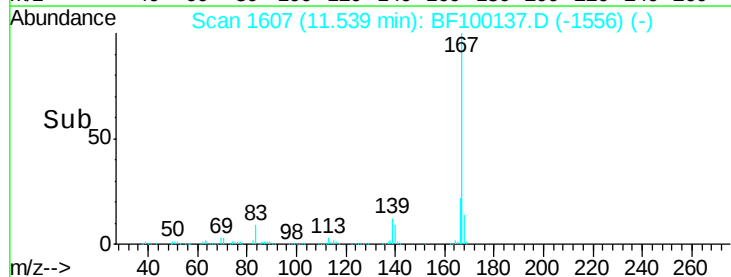
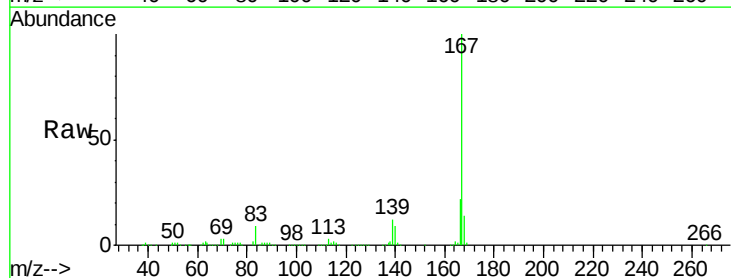
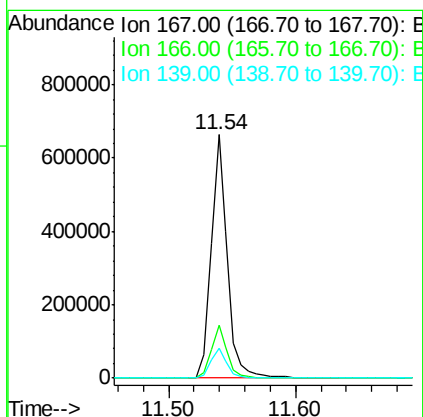
Manual Integrations
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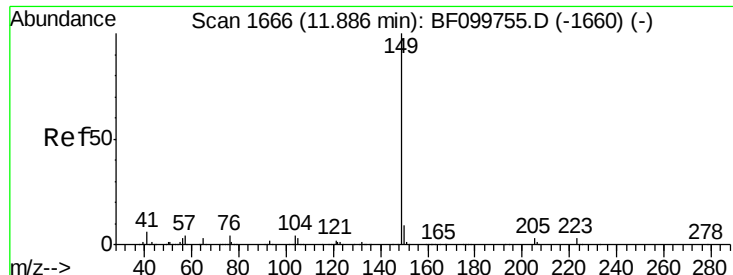
Sohil
 11/4/2017 2:18:48 PM



#72
 Carbazole
 Concen: 36.960 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 35.847 ng

RT: 11.85 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

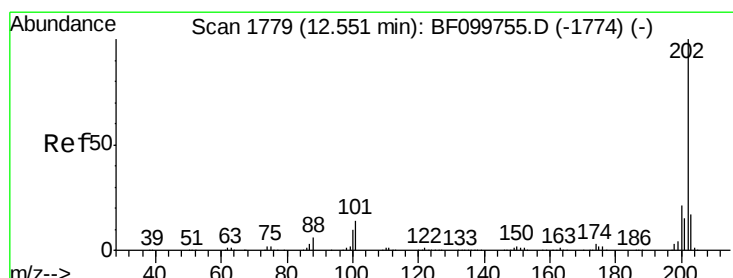
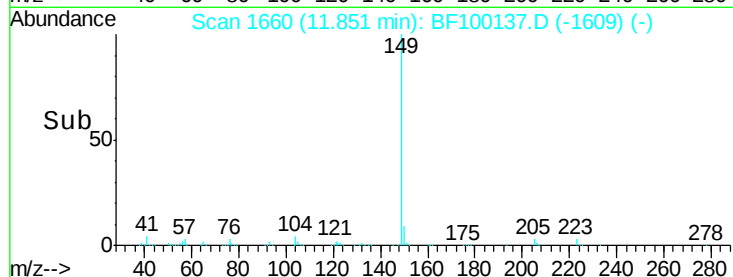
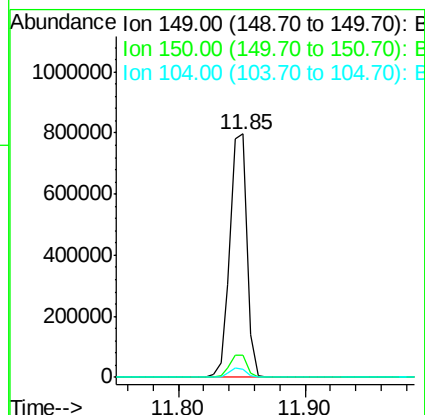
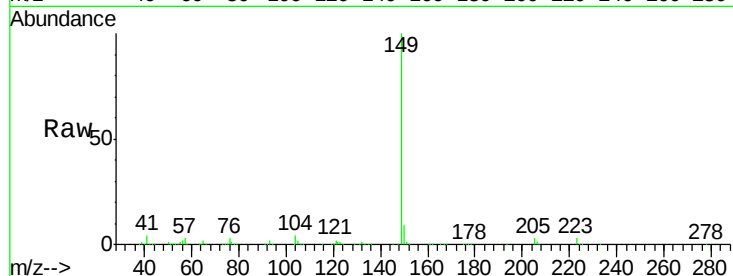
ClientSampleId :

PB103597BSD

Tgt Ion:	149	Resp:	737865
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	3.6	3.8	5.8#

Manual Integrations
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11/4/2017 2:18:48 PM



#74

Fluoranthene

Concen: 36.657 ng

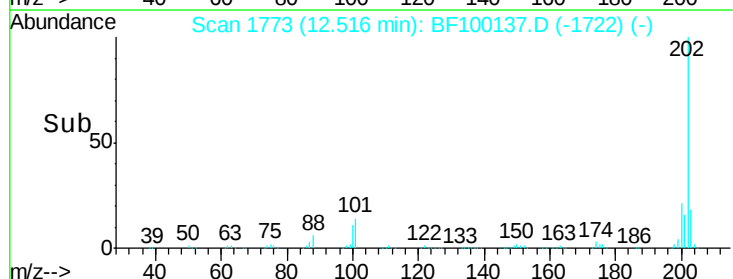
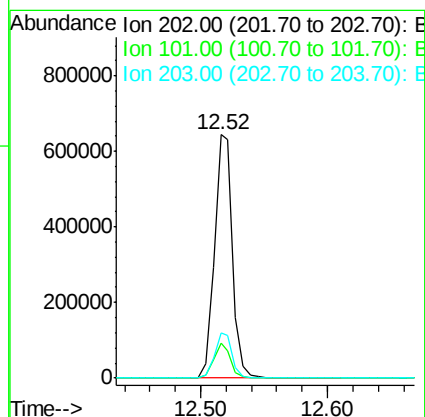
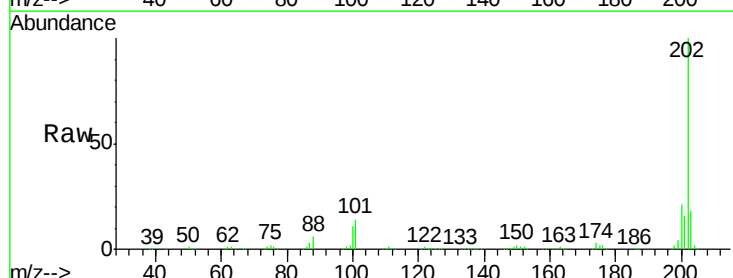
RT: 12.52 min Scan# 1773

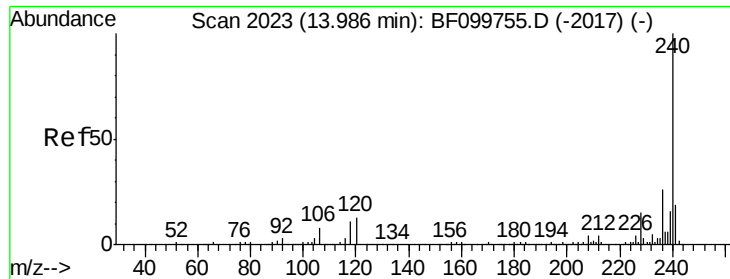
Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Tgt Ion:	202	Resp:	644056
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	34.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

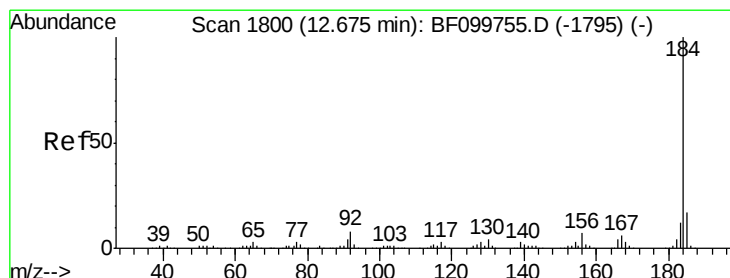
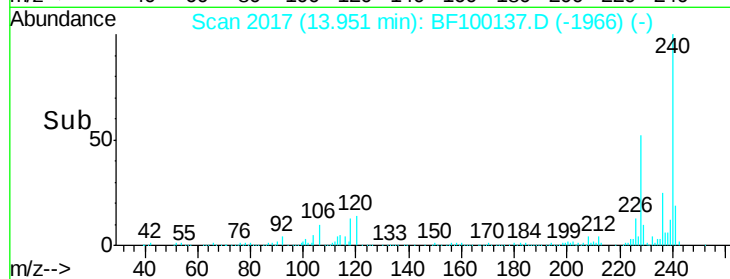
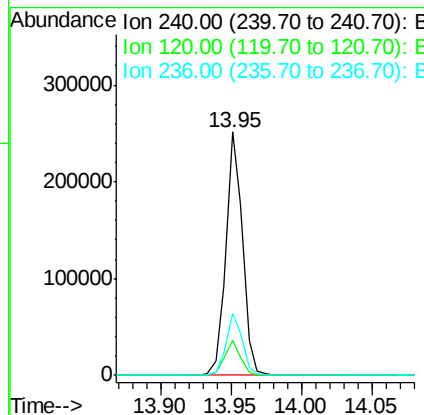
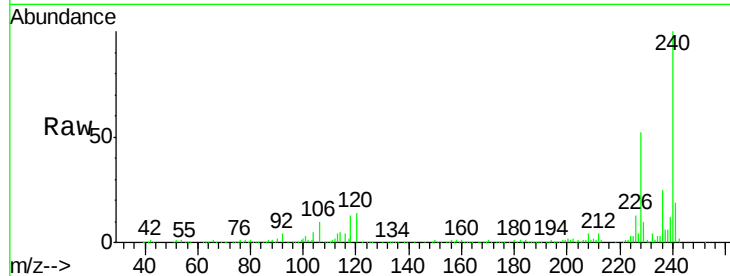
ClientSampleId :

PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	205316		
120	14.4	9.5	14.3	
236	25.3	20.7	31.1	

Manual Integrations
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#76

Benzidine

Concen: 18.284 ng

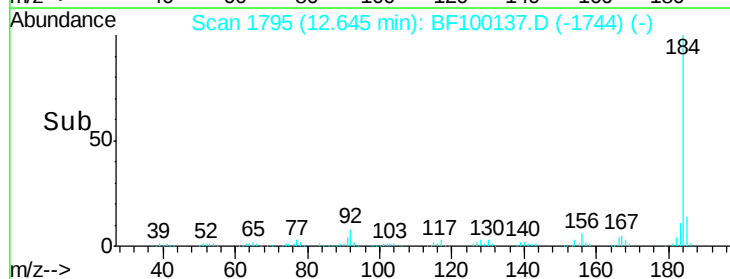
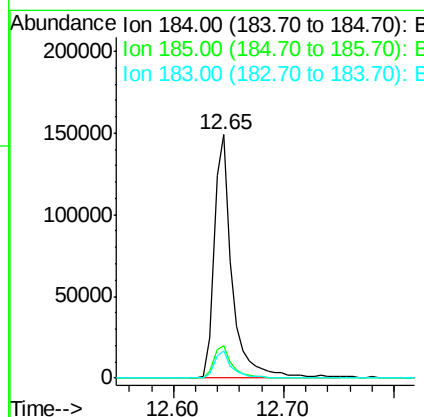
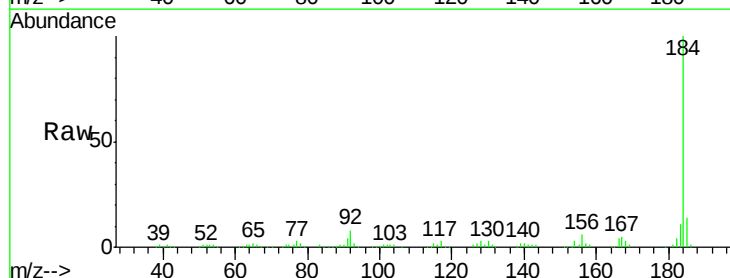
RT: 12.65 min Scan# 1795

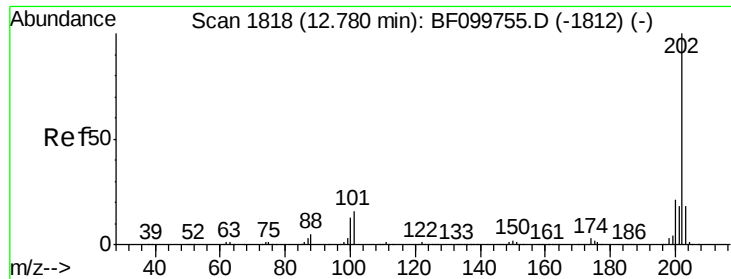
Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	164263		
185	13.6	12.6	18.8	
183	11.3	9.3	13.9	





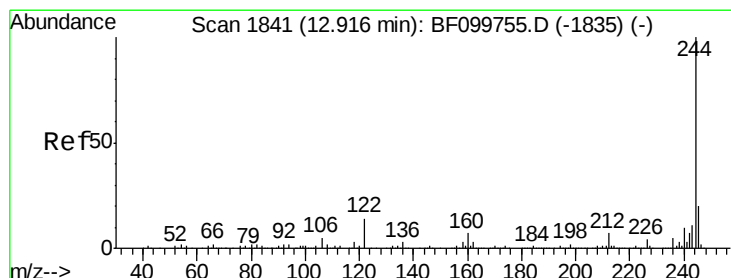
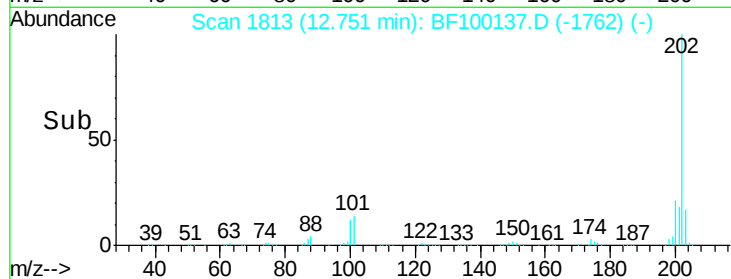
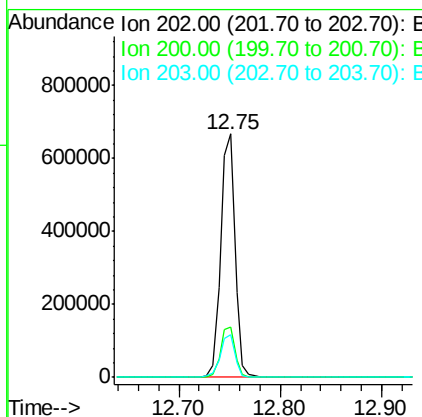
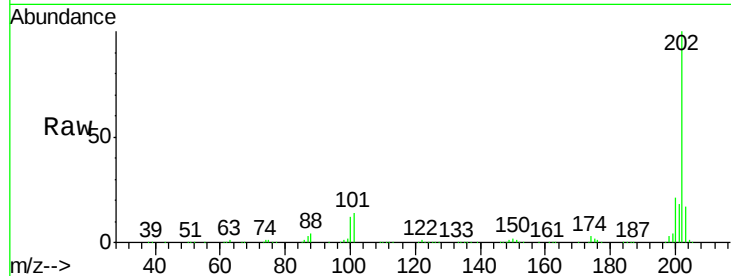
#77
 Pyrene
 Concen: 41.813 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	652781		
200	20.8		17.4	26.2
203	17.4		14.3	21.5

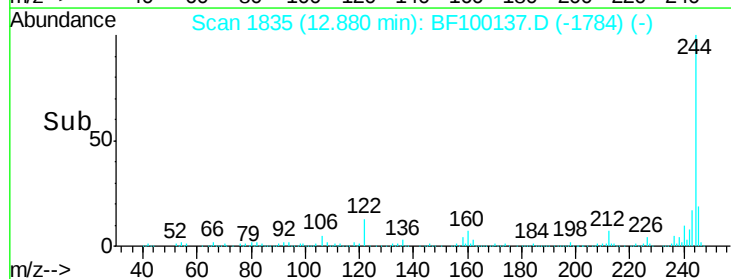
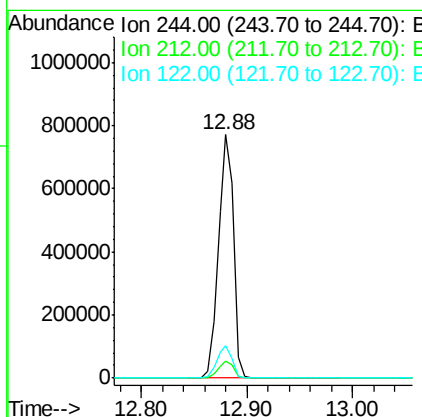
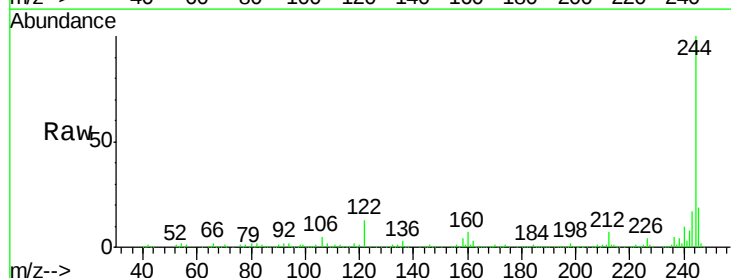
Manual Integrations
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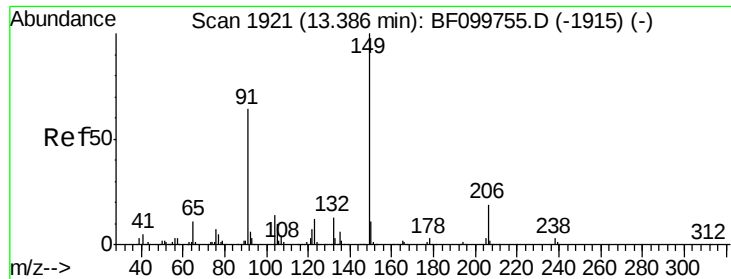
Sohil
 11/4/2017 2:18:48 PM



#78
 Terphenyl-d14
 Concen: 82.802 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	777925		
212	7.1		5.4	8.0
122	13.4		11.0	16.4





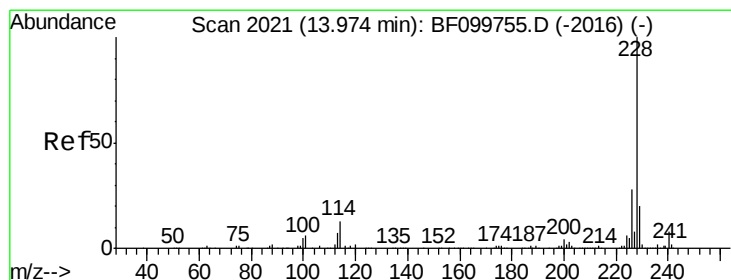
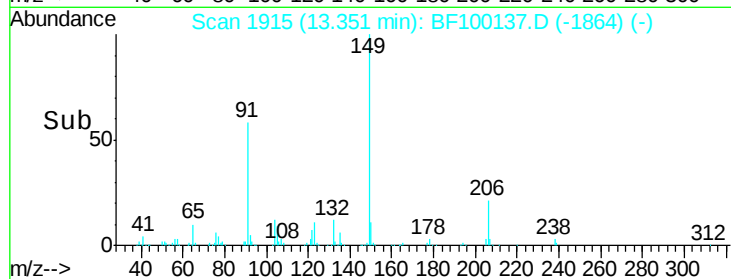
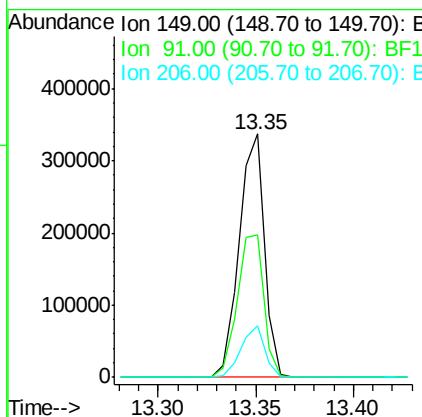
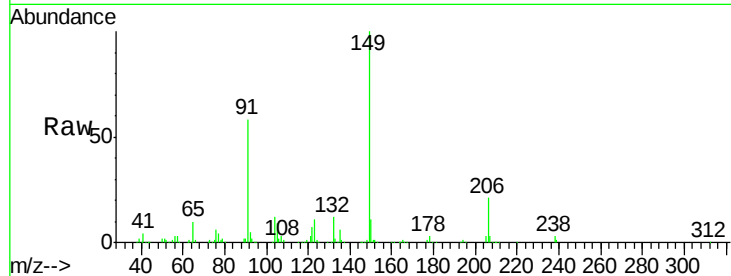
#79
Butylbenzylphthalate
Concen: 39.422 ng
RT: 13.35 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	303074		
91	58.3	56.8	85.2	
206	21.0	14.1	21.1	

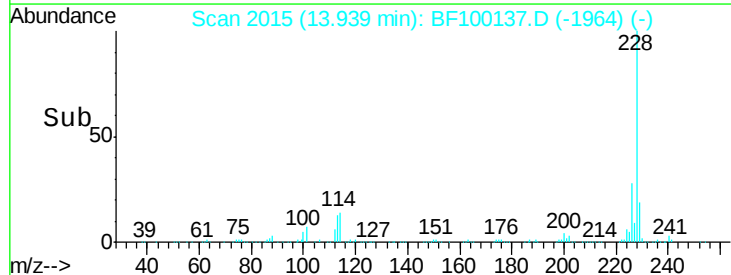
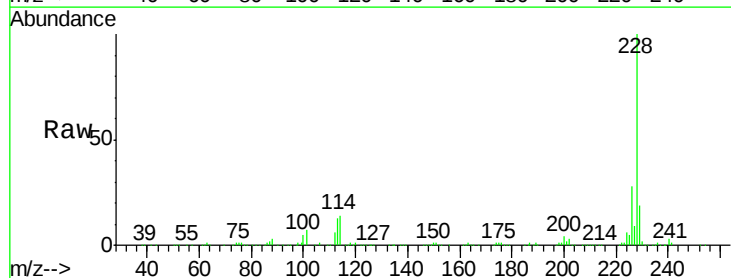
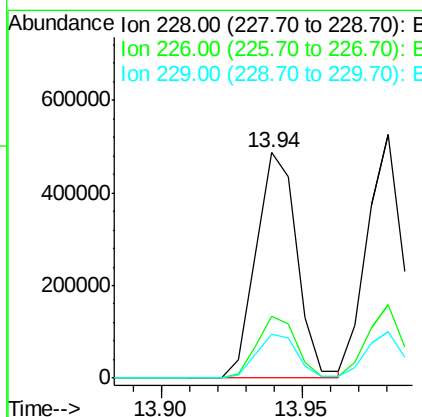
Manual Integrations
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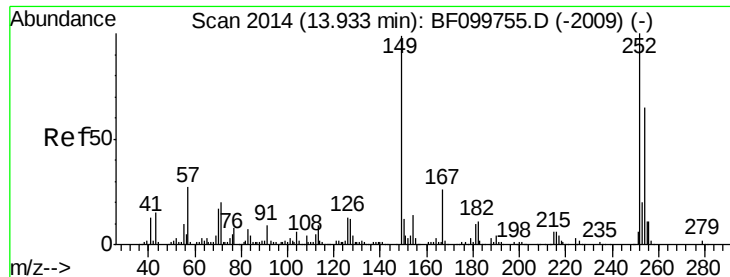
Sohil
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#80
Benzo(a)anthracene
Concen: 37.628 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	489749		
226	27.5	22.6	33.8	
229	19.5	15.8	23.6	





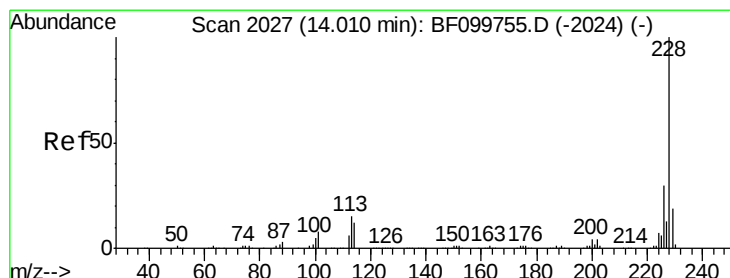
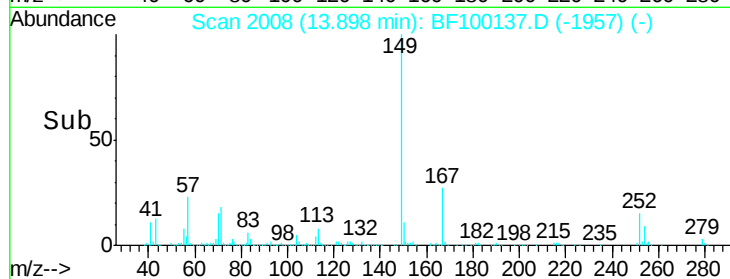
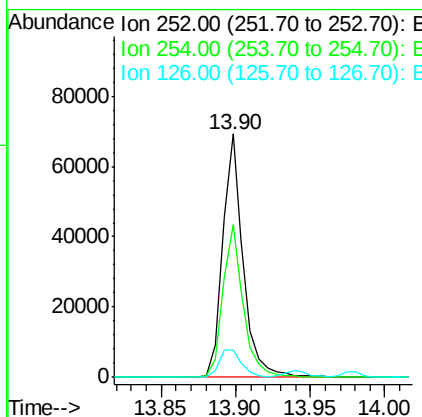
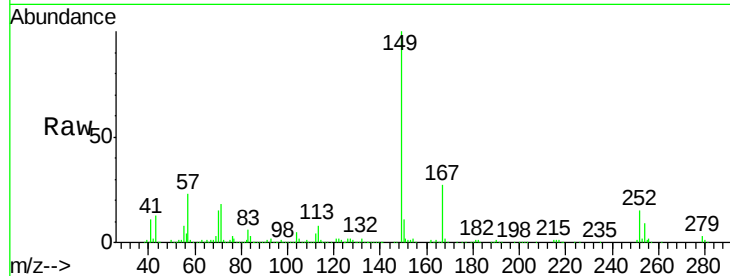
#81
3,3'-Dichlorobenzidine
Concen: 14.132 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.4	75.6
126	11.0	11.3	16.9

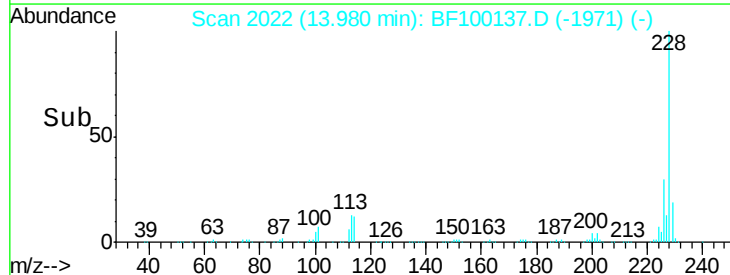
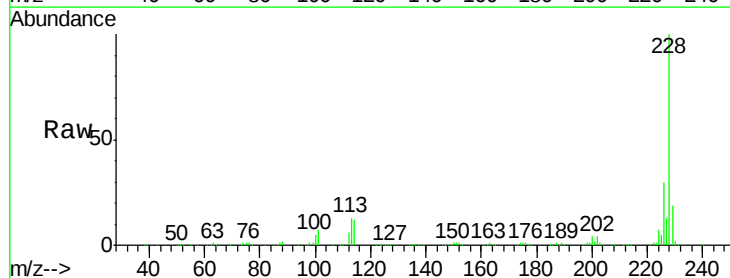
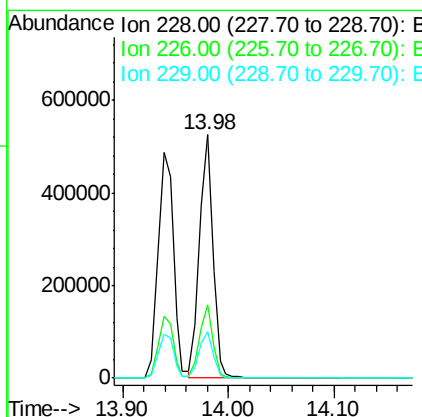
Manual Integrations
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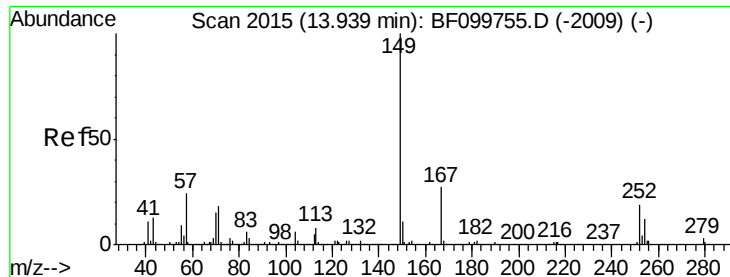
Sohil
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#82
Chrysene
Concen: 37.815 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.3	16.2	24.4





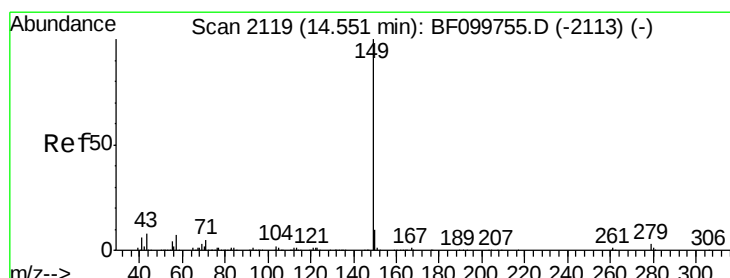
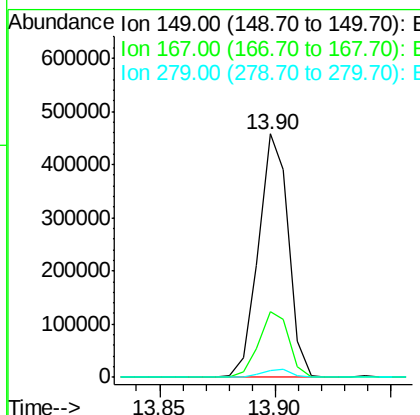
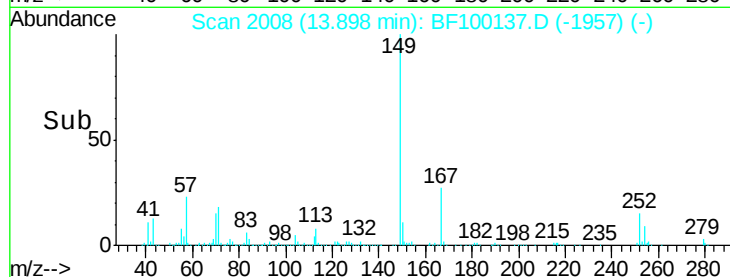
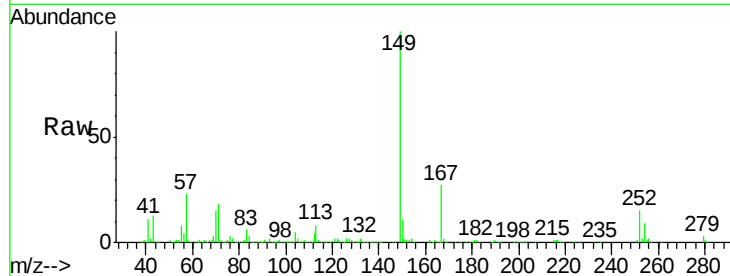
#83
Bis(2-ethylhexyl)phthalate
Concen: 38.259 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	2.8	3.0	4.4#

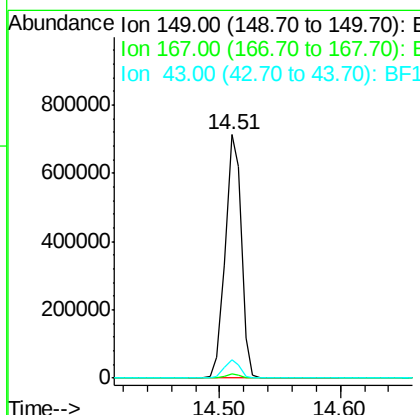
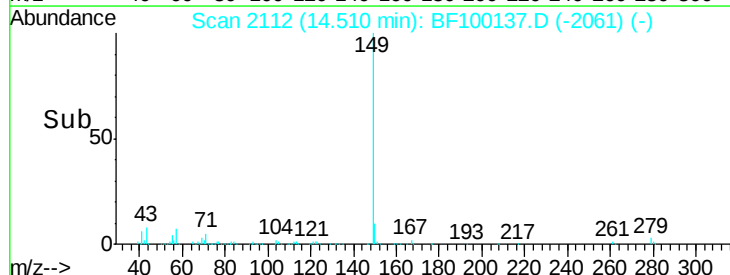
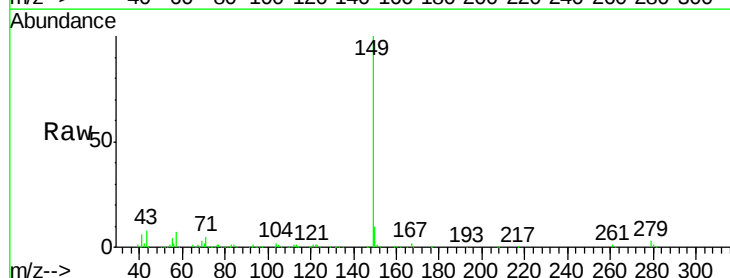
Manual Integrations
APPROVED

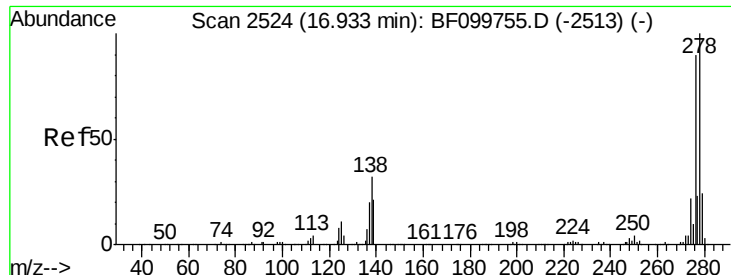
Sohil
11/4/2017 2:18:48 PM



#84
Di-n-octyl phthalate
Concen: 35.537 ng
RT: 14.51 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	7.1	8.4	12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 31.123 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

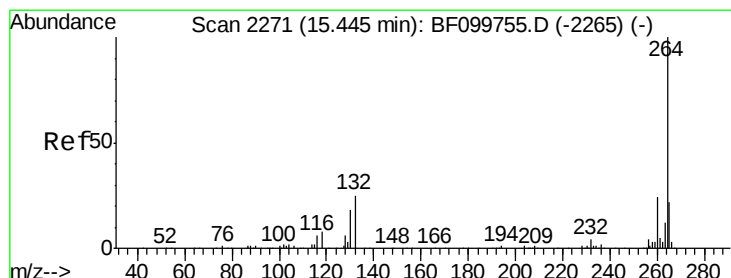
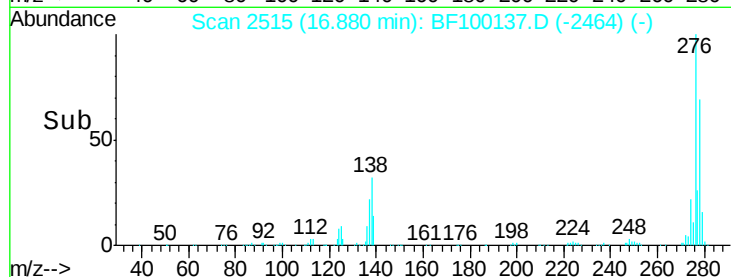
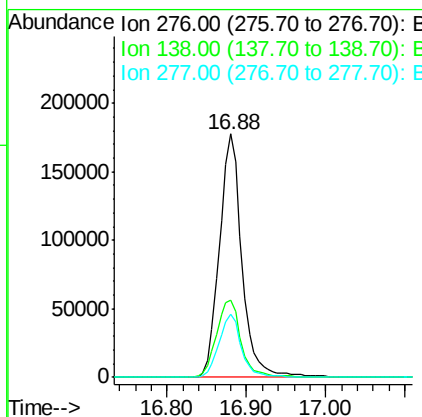
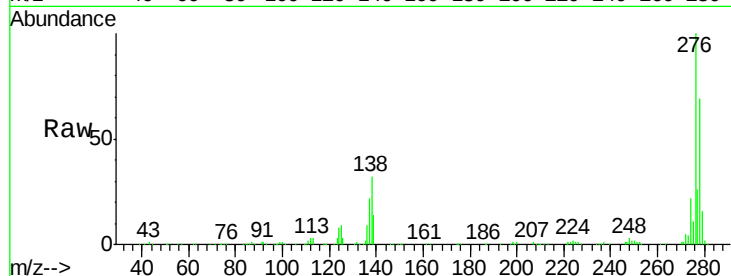
ClientSampleId :

PB103597BSD

Tgt	Ion	276	Resp:	349610
	Ion	Ratio	Lower	Upper
	276	100		
	138	34.6	25.0	37.6
	277	25.8	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

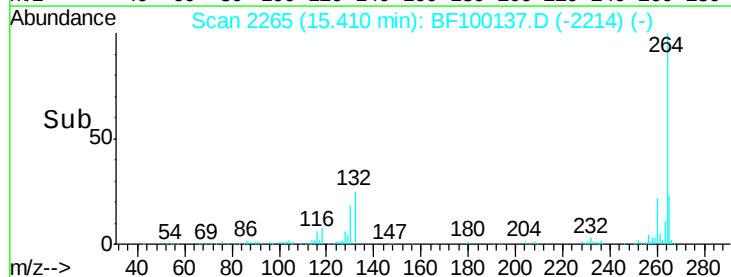
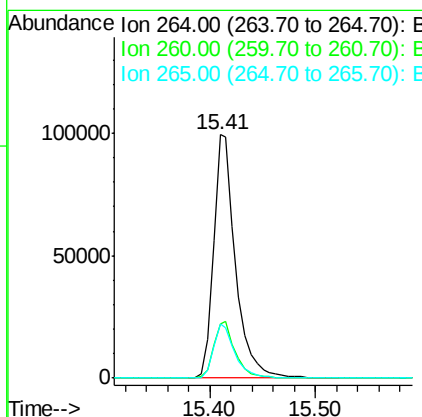
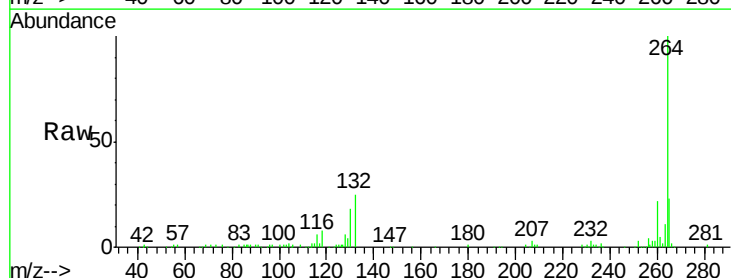
RT: 15.41 min Scan# 2265

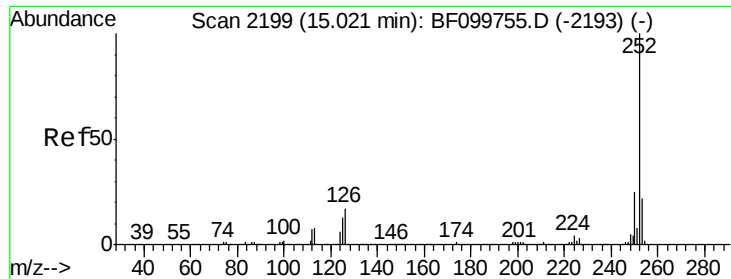
Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Tgt	Ion	264	Resp:	145304
	Ion	Ratio	Lower	Upper
	264	100		
	260	22.3	19.2	28.8
	265	22.5	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.044 ng m

RT: 14.99 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BF100137.D

Acq: 3 Nov 2017 16:28

Instrument :

BNA_F

ClientSampleId :

PB103597BSD

Tgt Ion:252 Resp: 376590
Ion Ratio Lower Upper

252 100

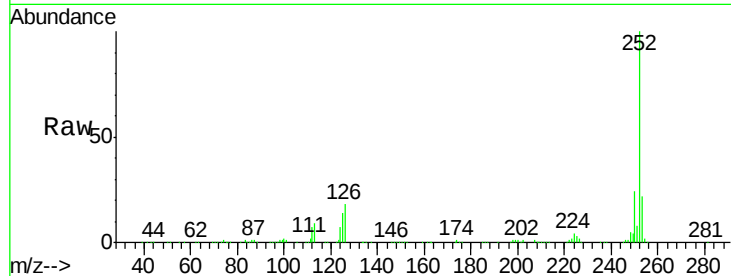
253 22.0 17.0 25.6

125 14.2 9.0 13.6#

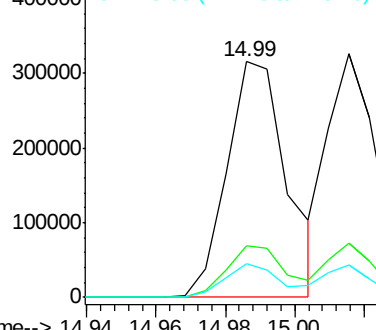
Manual Integrations
APPROVED

Sohil

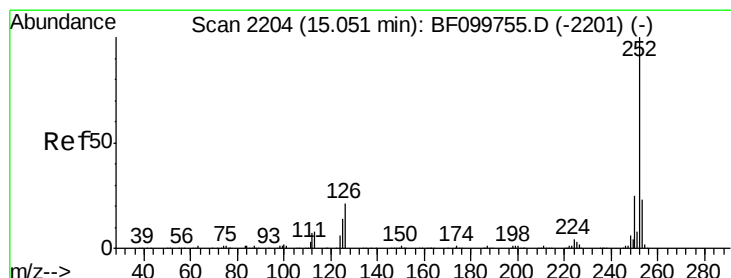
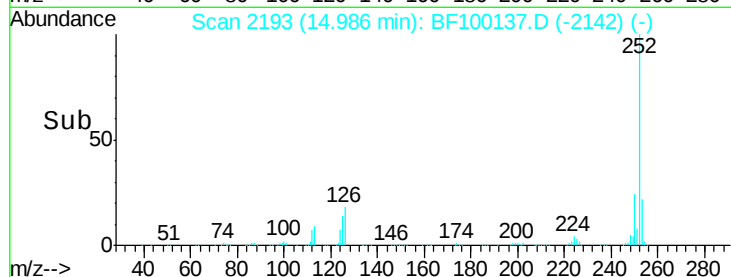
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 14.94 14.96 14.98 15.00



#88

Benzo(k)fluoranthene

Concen: 39.255 ng

RT: 15.02 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BF100137.D

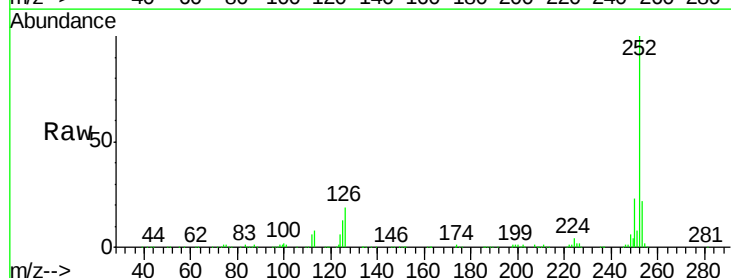
Acq: 3 Nov 2017 16:28

Tgt Ion:252 Resp: 339632
Ion Ratio Lower Upper

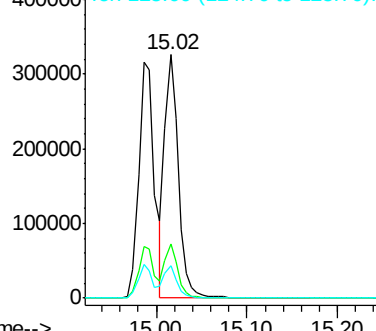
252 100

253 22.4 17.9 26.9

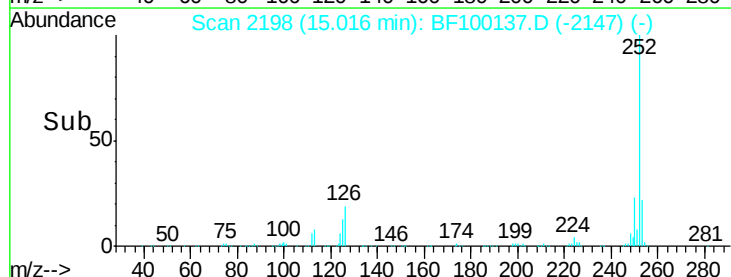
125 13.1 10.2 15.2

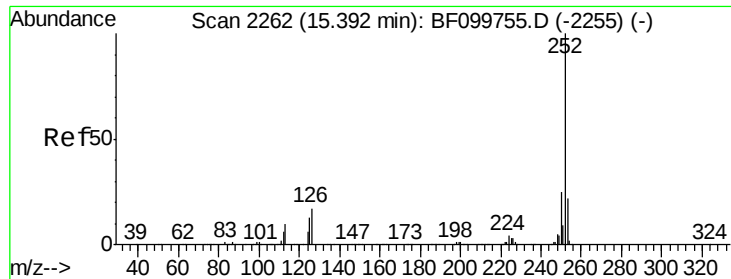


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 15.00 15.10 15.20





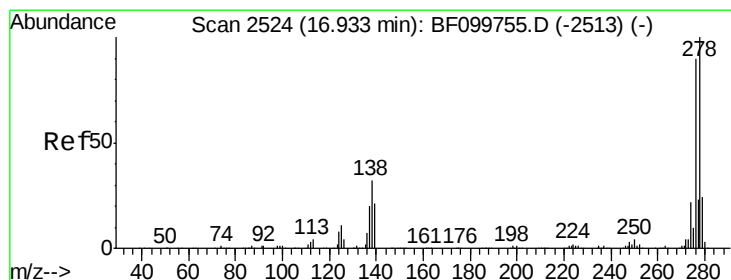
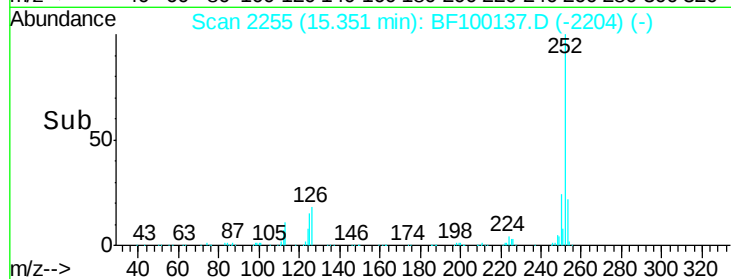
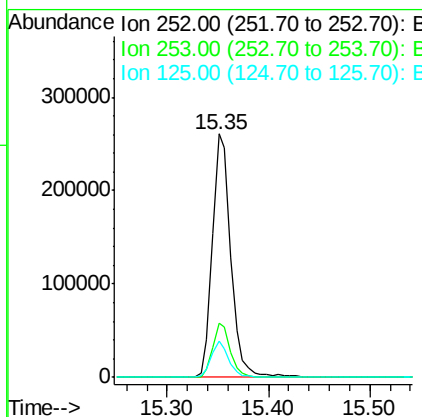
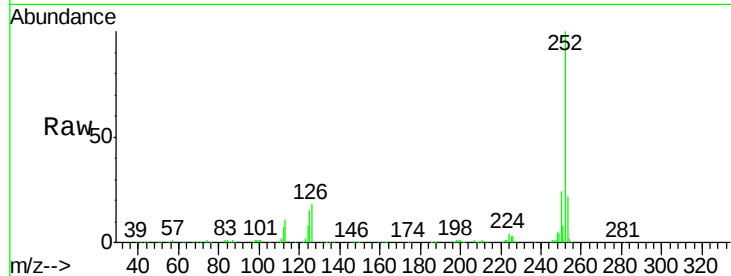
#89
Benzo(a)pyrene
Concen: 40.021 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Instrument :
BNA_F
ClientSampleId :
PB103597BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	15.0	9.8	14.6

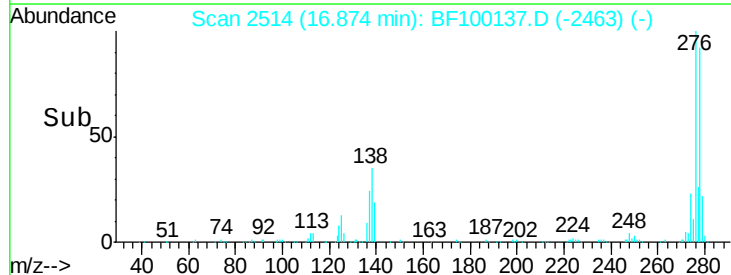
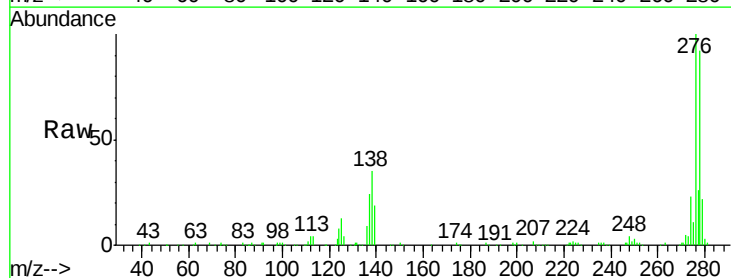
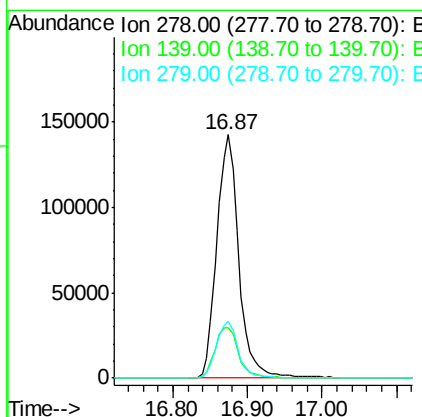
Manual Integrations
APPROVED

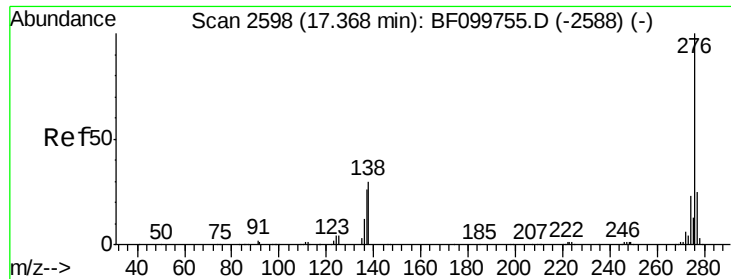
Sohil
11/4/2017 2:18:48 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.056 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF100137.D
Acq: 3 Nov 2017 16:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 42.651 ng
 RT: 17.32 min Scan# 2590
 Delta R.T. 0.00 min
 Lab File: BF100137.D
 Acq: 3 Nov 2017 16:28

Instrument :
 BNA_F
 ClientSampleId :
 PB103597BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.9	17.9	26.9
138	28.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:18:48 PM

