

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101737.D
 Acq On : 27 Dec 2017 2:00
 Operator : SJ/JU
 Sample : I6957-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Manual Integrations
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Sohil
 12/27/2017 4:15:14 PM

Quant Time: Dec 27 06:51:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132397	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	489930	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	188056	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	307155	20.00	ng	0.00
75) Chrysene-d12	13.97	240	289460	20.00	ng	0.00
86) Perylene-d12	15.44	264	253814	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	745851	83.91	ng	0.01
7) Phenol-d6	6.44	99	820855	74.21	ng	0.00
23) Nitrobenzene-d5	7.36	82	510394	57.99	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	129918	71.70	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	837340	69.07	ng	0.00
78) Terphenyl-d14	12.90	244	676962	56.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	112191	24.565	ng	95
3) Pyridine	3.35	79	252499	19.899	ng	96
4) n-Nitrosodimethylamine	3.28	42	126463	21.646	ng	99
6) Aniline	6.46	93	241973	15.741	ng	# 74
8) 2-Chlorophenol	6.58	128	245815	26.291	ng	96
9) Benzaldehyde	6.35	77	155131	18.989	ng	99
10) Phenol	6.45	94	338546	26.852	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	257375	26.025	ng	97
12) 1,3-Dichlorobenzene	6.73	146	284233	26.935	ng	97
13) 1,4-Dichlorobenzene	6.81	146	293742	27.259	ng	97
14) 1,2-Dichlorobenzene	6.96	146	266750	27.501	ng	97
15) Benzyl Alcohol	6.95	79	191896	25.204	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	433132	28.617	ng	54
17) 2-Methylphenol	7.06	107	194811	22.651	ng	# 87
18) Hexachloroethane	7.29	117	85455	22.809	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	183450	25.253	ng	94
20) 3+4-Methylphenols	7.22	107	264353	29.006	ng	98
22) Acetophenone	7.20	105	362794	32.453	ng	# 97
24) Nitrobenzene	7.38	77	260206	26.713	ng	98
25) Isophorone	7.62	82	476056	26.963	ng	100
26) 2-Nitrophenol	7.70	139	88522	21.153	ng	97
27) 2,4-Dimethylphenol	7.74	122	196075	27.580	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	307051	27.378	ng	99
29) 2,4-Dichlorophenol	7.96	162	182460	25.977	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	206237	27.824	ng	97
31) Naphthalene	8.09	128	690149	27.981	ng	99
33) 4-Chloroaniline	8.16	127	163604	15.261	ng	97
34) Hexachlorobutadiene	8.20	225	120895	28.200	ng	98
35) Caprolactam	8.52	113	58291	23.901	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	182627	23.657	ng	98
37) 2-Methylnaphthalene	8.79	142	432162	26.893	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	201273	31.700	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	472	11.817	ng	74
42) 2,4,6-Trichlorophenol	9.07	196	99177	25.946	ng	99

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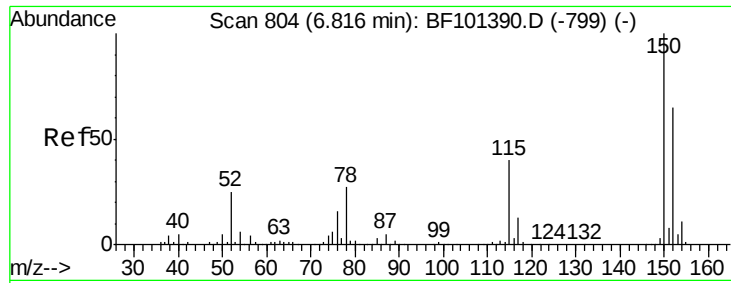
Manual Integrations
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 12/27/2017 4:15:14 PM

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	89197	21.312	ng	96
45) 1,1'-Biphenyl	9.25	154	505469	30.308	ng	99
46) 2-Chloronaphthalene	9.27	162	367211	28.776	ng	97
47) 2-Nitroaniline	9.39	65	120922	27.430	ng	90
48) Acenaphthylene	9.69	152	532442	26.416	ng	99
49) Dimethylphthalate	9.55	163	561150	37.097	ng	99
50) 2,6-Dinitrotoluene	9.62	165	74266	24.157	ng #	84
51) Acenaphthene	9.86	154	321641	26.561	ng	98
52) 3-Nitroaniline	9.80	138	95556	24.930	ng	98
54) Dibenzofuran	10.03	168	459502	29.859	ng	97
56) 2,4-Dinitrotoluene	10.05	165	92430	26.685	ng #	95
57) Fluorene	10.37	166	358423	27.532	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	40803	13.569	ng #	71
59) Diethylphthalate	10.24	149	388083	25.907	ng	97
60) 4-Chlorophenyl-phenylether	10.36	204	172985	27.725	ng	93
61) 4-Nitroaniline	10.42	138	91240	23.682	ng	93
62) Azobenzene	10.53	77	522936	33.700	ng	92
65) n-Nitrosodiphenylamine	10.49	169	323075	28.486	ng	95
66) 4-Bromophenyl-phenylether	10.86	248	100366	29.081	ng #	83
67) Hexachlorobenzene	10.93	284	101500	27.787	ng #	87
68) Atrazine	11.02	200	94517	27.949	ng	94
69) Pentachlorophenol	11.16	266	2867m	8.410	ng	
70) Phenanthrene	11.35	178	486808	28.499	ng	98
71) Anthracene	11.40	178	474769	27.210	ng	99
72) Carbazole	11.56	167	414586	25.379	ng	99
73) Di-n-butylphthalate	11.87	149	590663	29.790	ng	99
74) Fluoranthene	12.54	202	499767	27.874	ng	98
76) Benzidine	12.66	184	163976	13.413	ng	98
77) Pyrene	12.77	202	493758	22.729	ng	100
79) Butylbenzylphthalate	13.37	149	234432	23.850	ng	97
80) Benzo(a)anthracene	13.96	228	366899	19.196	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	124956	20.050	ng	99
82) Chrysene	14.00	228	362177	20.069	ng	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	351480	28.231	ng	99
84) Di-n-octyl phthalate	14.53	149	606708	27.324	ng	99
85) Indeno(1,2,3-cd)pyrene	16.93	276	45362	2.823	ng	97
87) Benzo(b)fluoranthene	15.01	252	223189	14.427	ng	99
88) Benzo(k)fluoranthene	15.04	252	186481	12.398	ng	99
89) Benzo(a)pyrene	15.38	252	142893	10.019	ng	98
90) Dibenzo(a,h)anthracene	16.92	278	46732	3.816	ng	99
91) Benzo(g,h,i)perylene	17.40	276	32566	2.686	ng	95

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



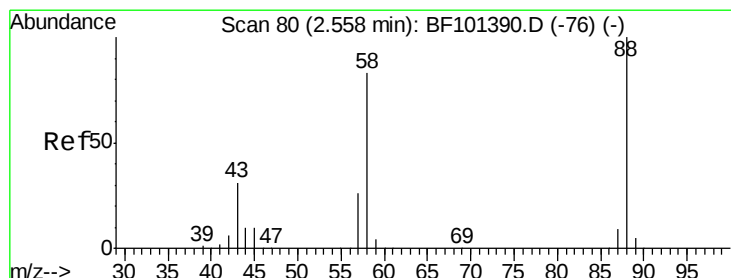
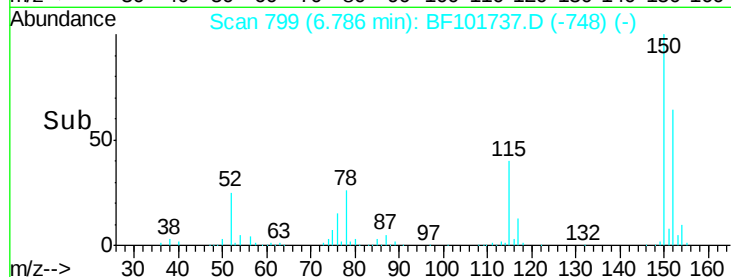
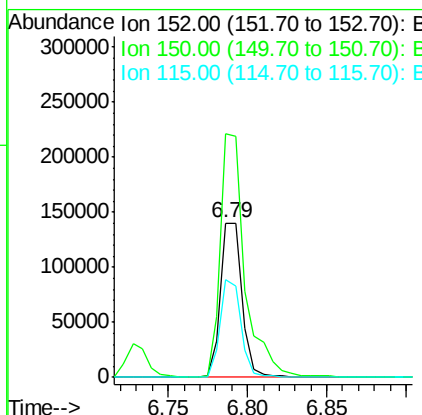
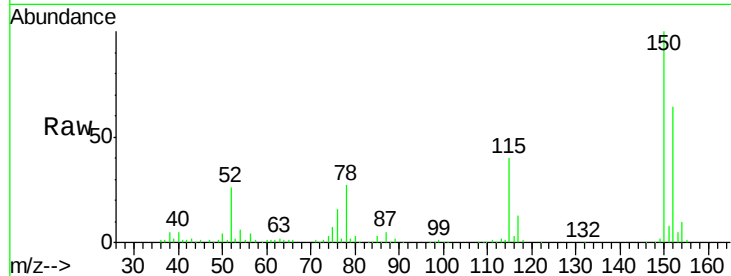
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	63.0	50.1	75.1

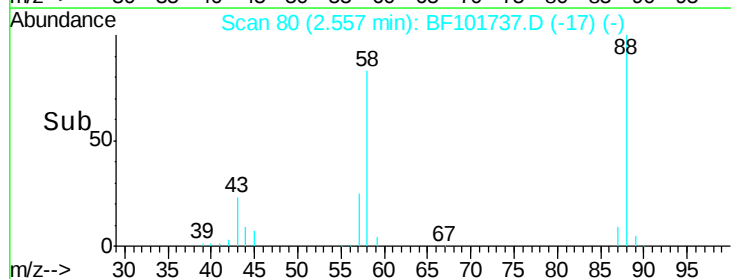
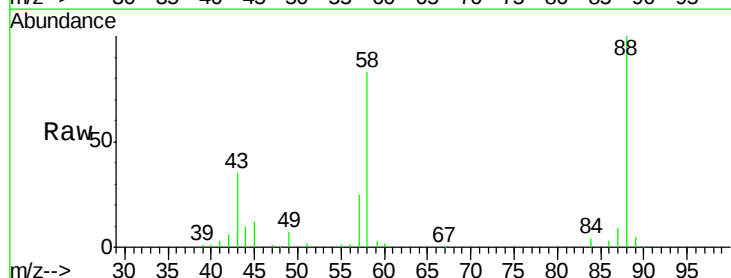
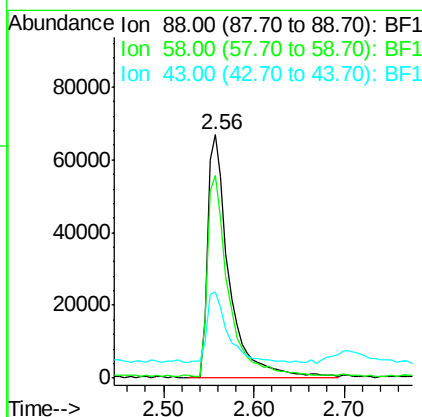
Manual Integrations
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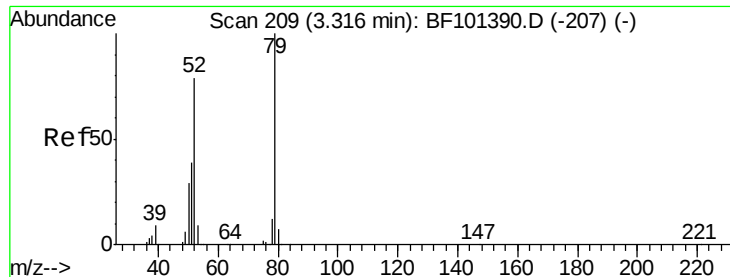
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#2
 1,4-Dioxane
 Concen: 24.565 ng
 RT: 2.56 min Scan# 80
 Delta R.T. 0.07 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	62.6	93.8
43	27.2	24.6	37.0





#3

Pyridine

Concen: 19.899 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

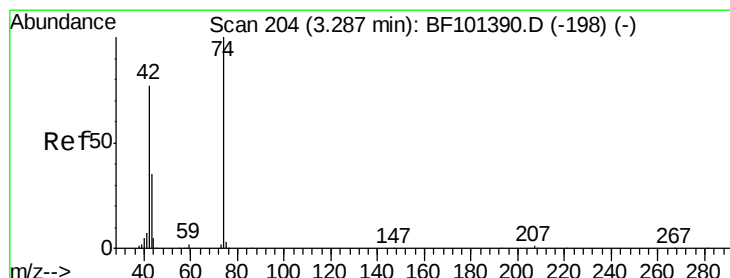
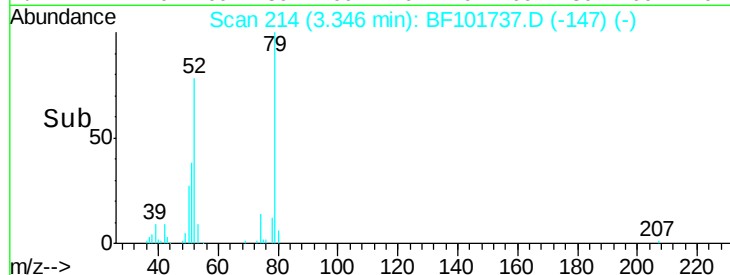
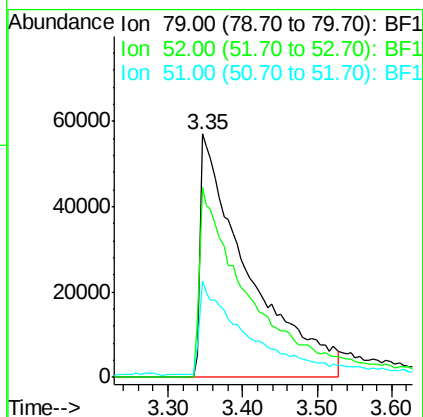
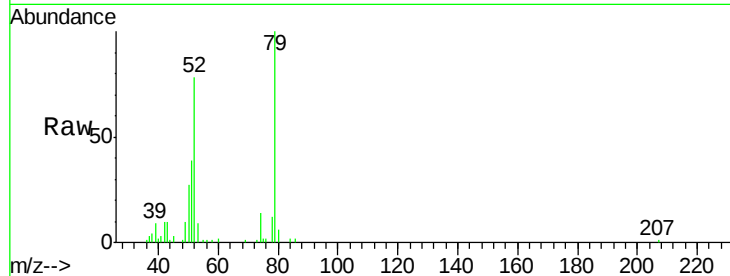
ClientSampleId :

HALSTED-WWMSD

Tgt Ion:	79	Resp:	252499
Ion Ratio	Lower	Upper	
79	100		
52	77.7	59.8	89.6
51	39.5	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 21.646 ng

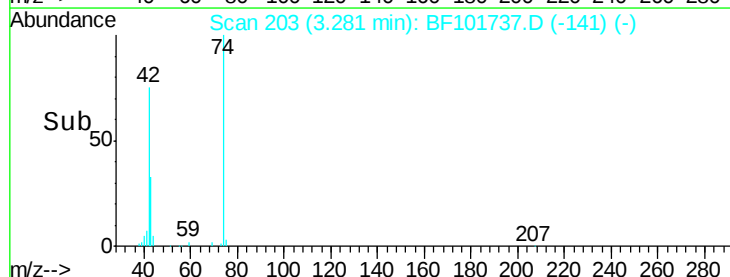
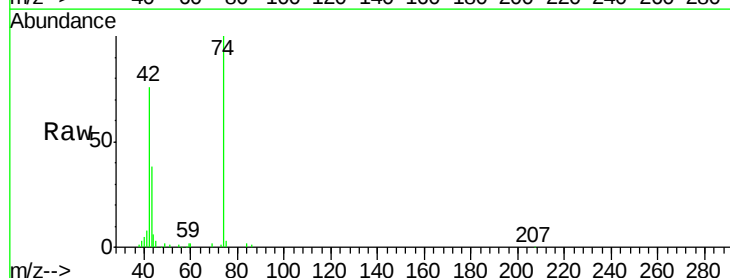
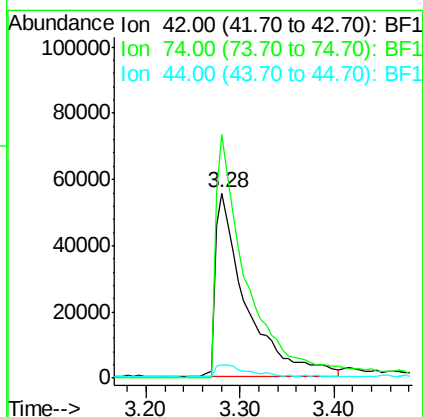
RT: 3.28 min Scan# 203

Delta R.T. 0.06 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion:	42	Resp:	126463
Ion Ratio	Lower	Upper	
42	100		
74	131.5	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 83.915 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

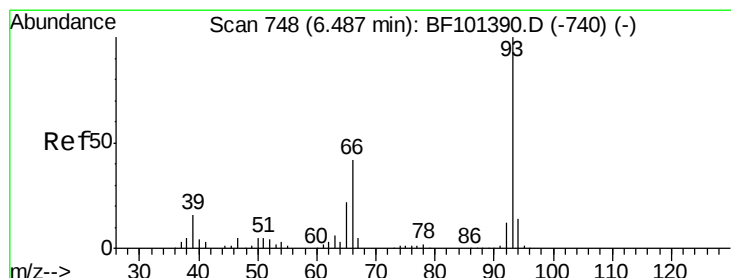
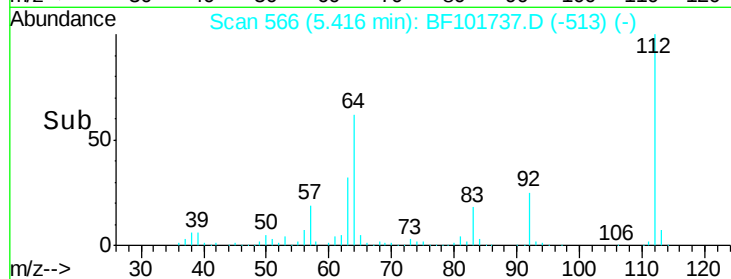
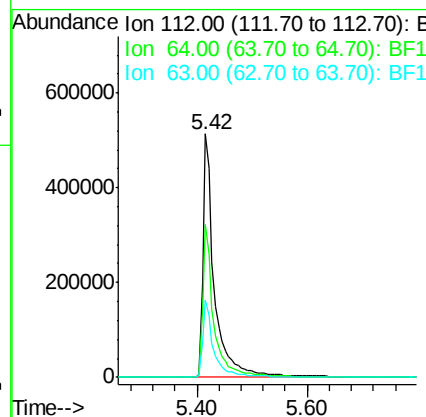
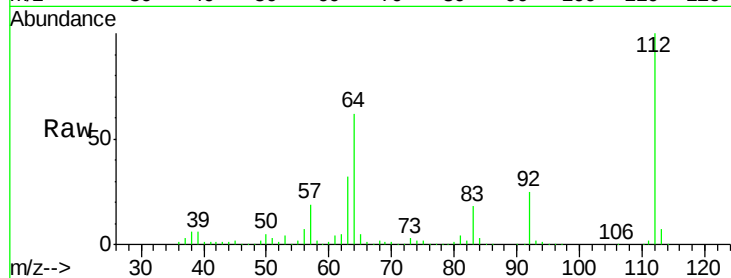
ClientSampleId :

HALSTED-WWMSD

Tgt Ion:	112	Resp:	745851
Ion Ratio	Lower	Upper	
112	100		
64	62.5	47.9	71.9
63	31.7	23.7	35.5

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#6

Aniline

Concen: 15.741 ng

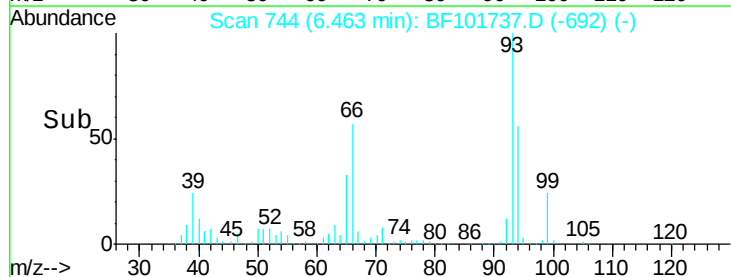
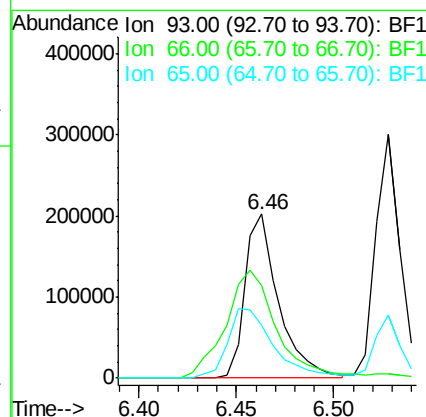
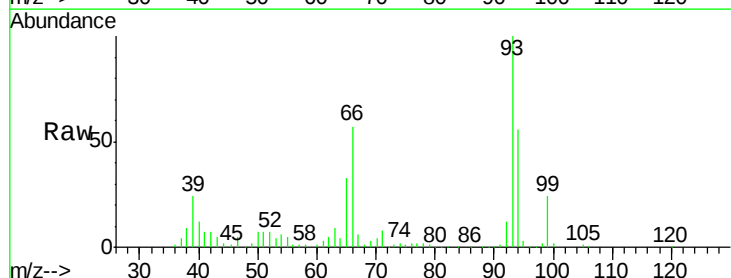
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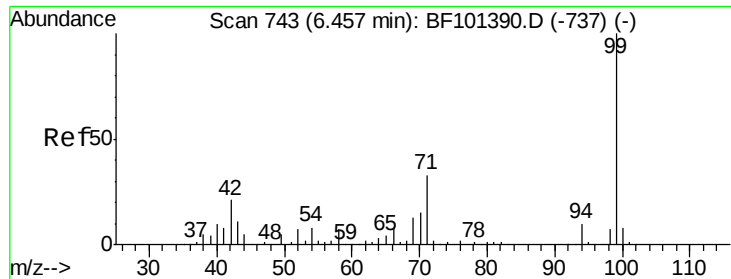
Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion:	93	Resp:	241973
Ion Ratio	Lower	Upper	
93	100		
66	56.6	32.2	48.2#
65	32.6	16.4	24.6#





#7

Phenol-d6

Concen: 74.207 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

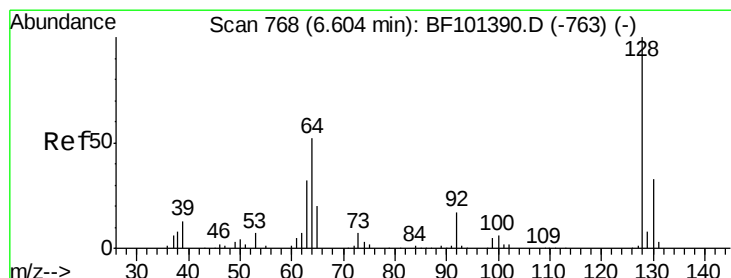
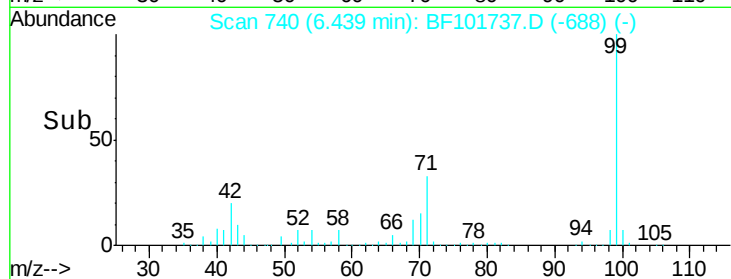
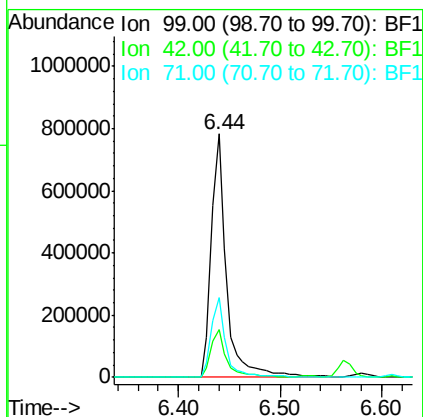
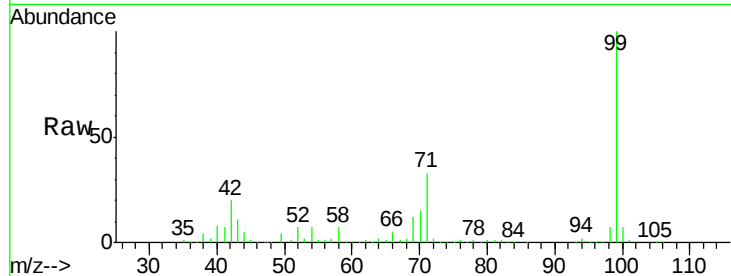
ClientSampled :

HALSTED-WWMSD

Tgt Ion:	99	Resp:	820855
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.5	21.7
71	32.8	25.4	38.0

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#8

2-Chlorophenol

Concen: 26.291 ng

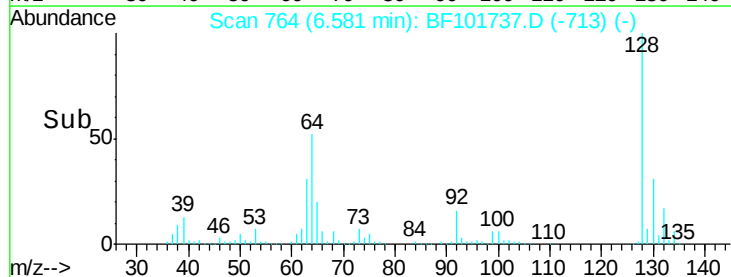
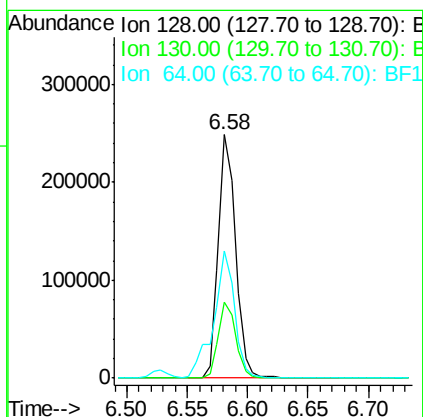
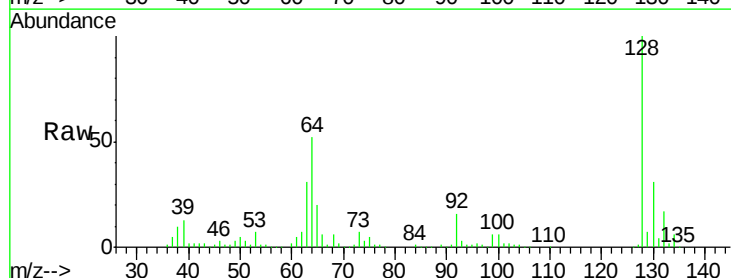
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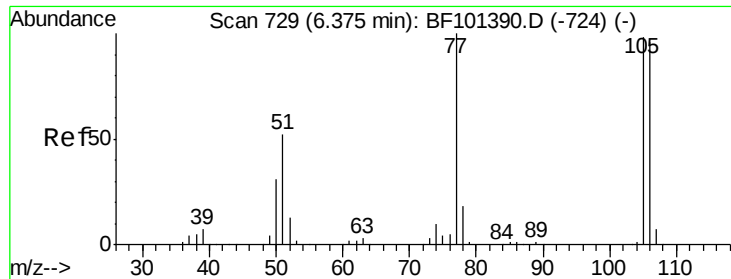
Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion:	128	Resp:	245815
Ion Ratio	Lower	Upper	
128	100		
130	31.1	13.0	53.0
64	52.3	29.4	69.4





#9

Benzaldehyde

Concen: 18.989 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

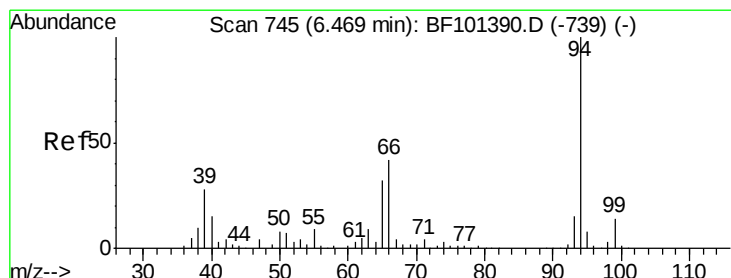
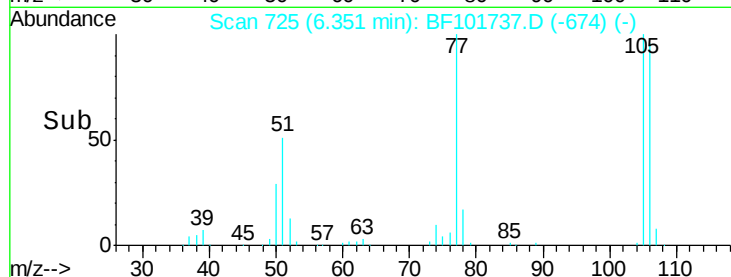
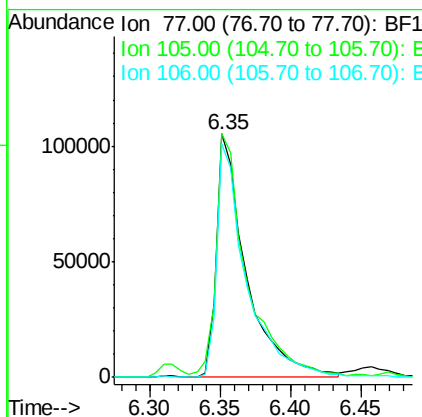
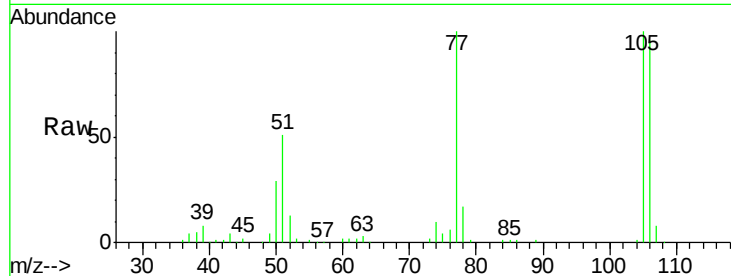
ClientSampleId :

HALSTED-WWMSD

Tgt Ion:	77	Resp:	155131
Ion Ratio	Lower	Upper	
77	100		
105	99.8	81.1	121.1
106	95.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 26.852 ng

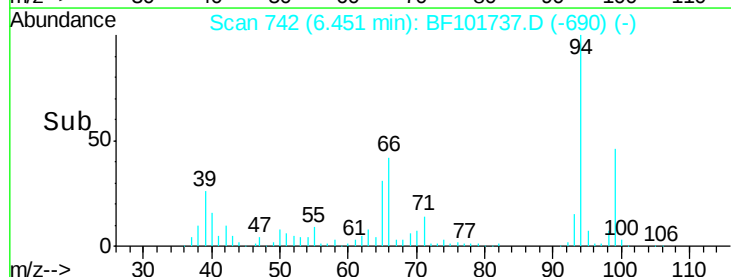
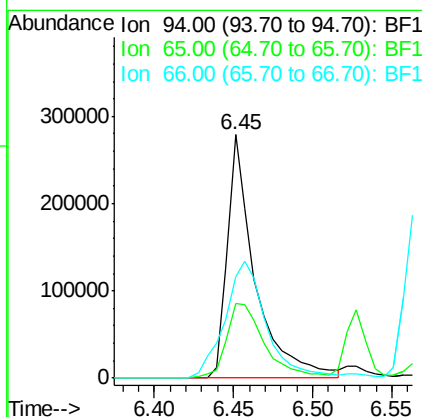
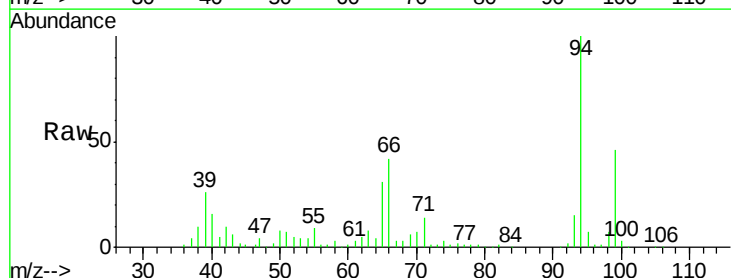
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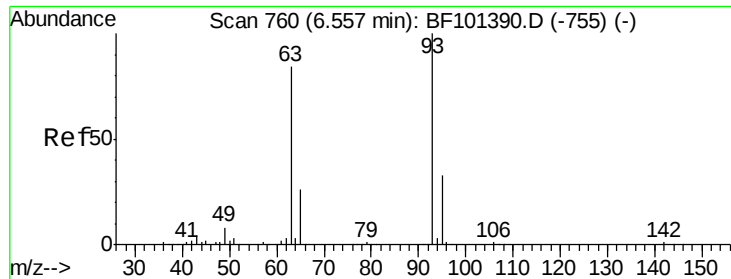
Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion:	94	Resp:	338546
Ion Ratio	Lower	Upper	
94	100		
65	30.8	7.9	47.9
66	41.7	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 26.025 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

Tgt Ion: 93 Resp: 257375
Ion Ratio Lower Upper

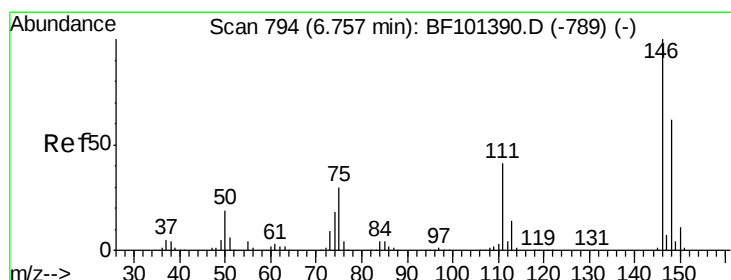
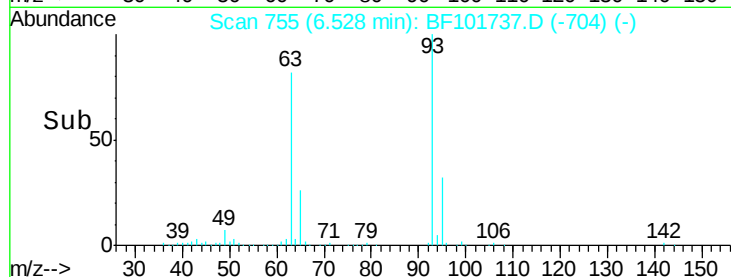
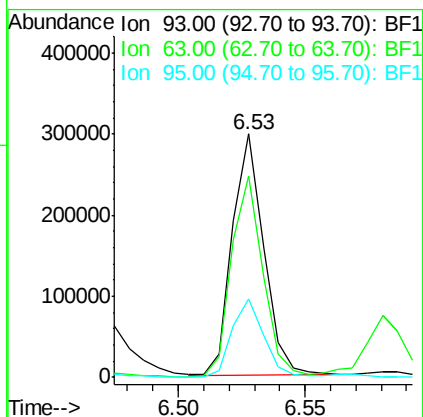
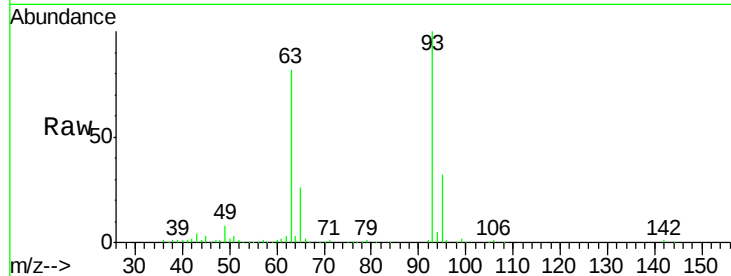
93 100

63 82.5 58.6 98.6

95 32.3 11.8 51.8

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#12

1,3-Dichlorobenzene

Concen: 26.935 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF101737.D

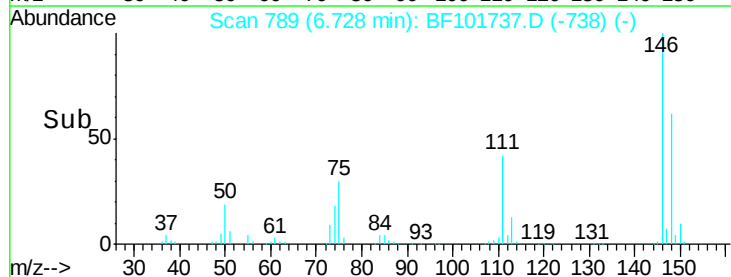
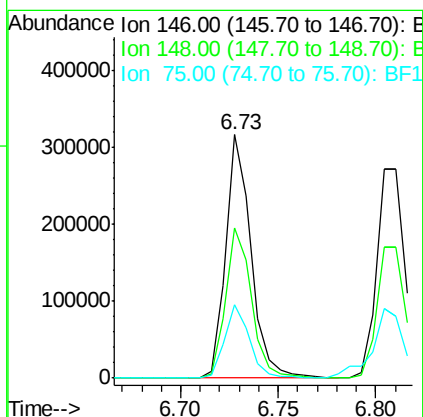
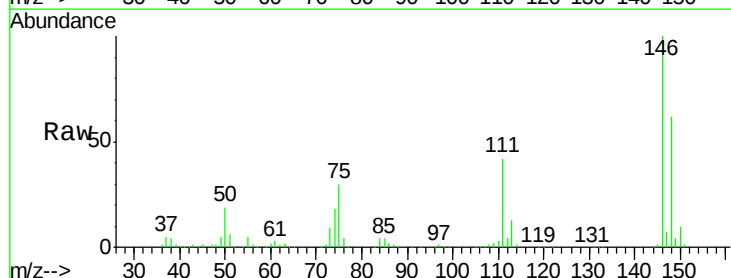
Acq: 27 Dec 2017 2:00

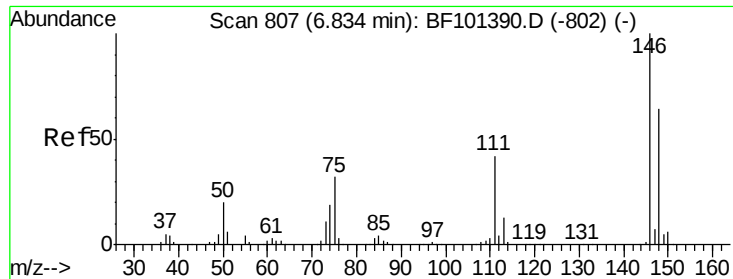
Tgt Ion: 146 Resp: 284233
Ion Ratio Lower Upper

146 100

148 61.5 51.8 77.8

75 30.3 24.2 36.4





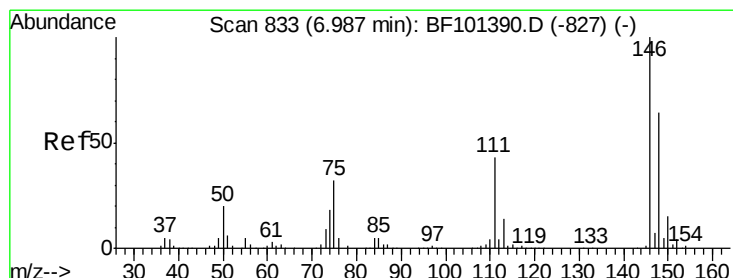
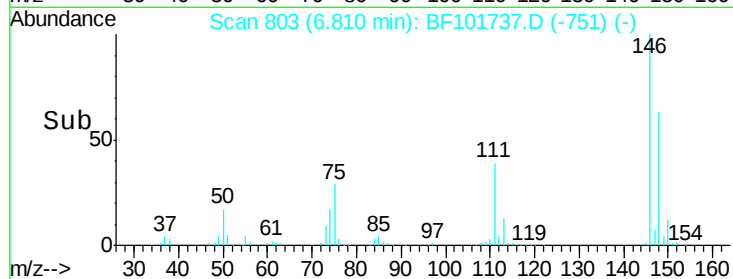
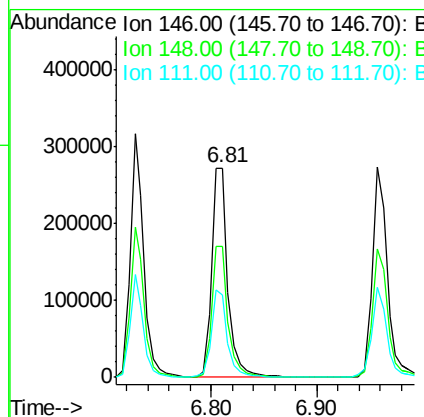
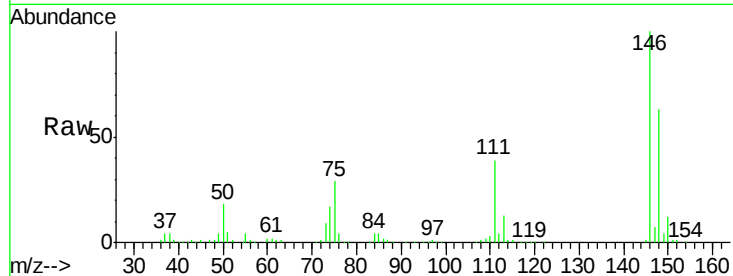
#13
 1,4-Dichlorobenzene
 Concen: 27.259 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	39.1	34.2	51.2

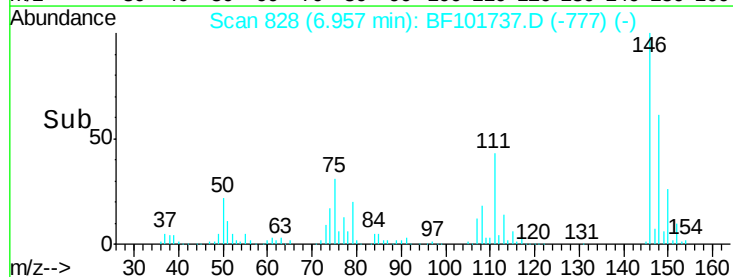
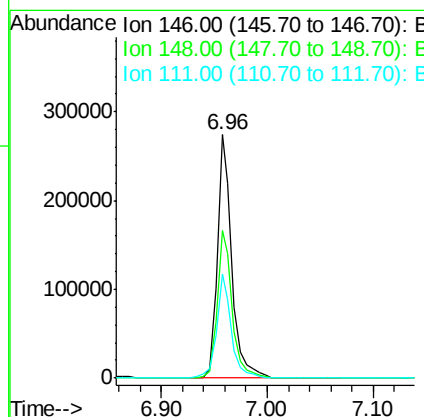
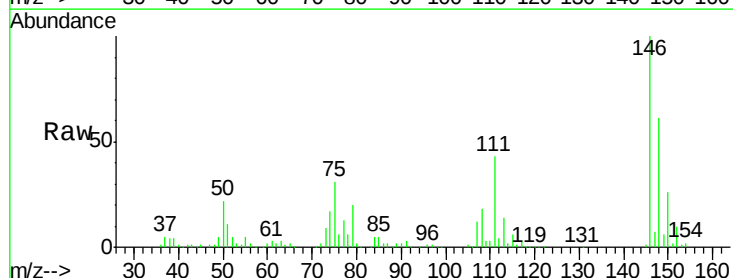
Manual Integrations
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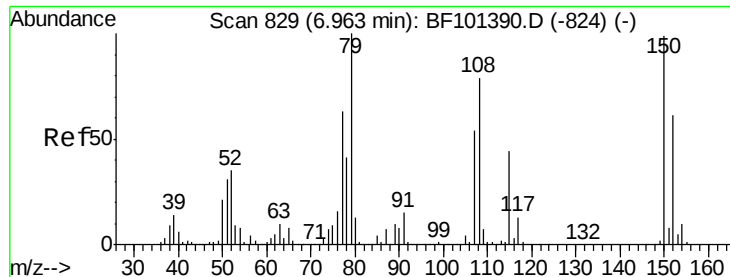
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 27.501 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	50.6	75.8
111	42.6	36.0	54.0





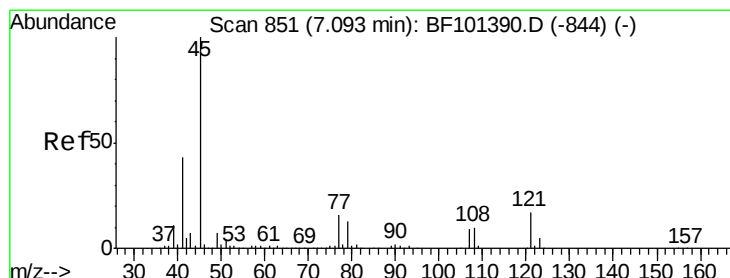
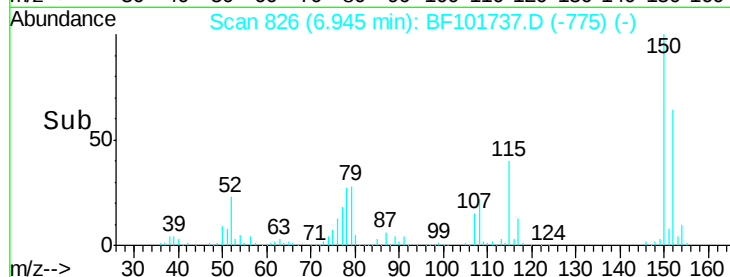
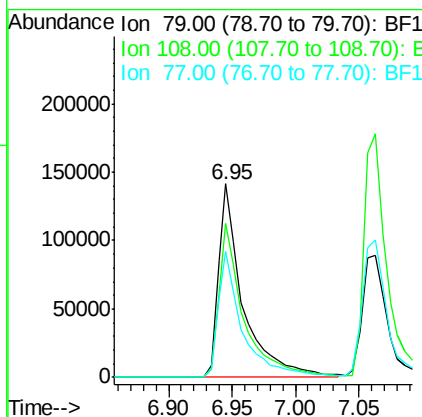
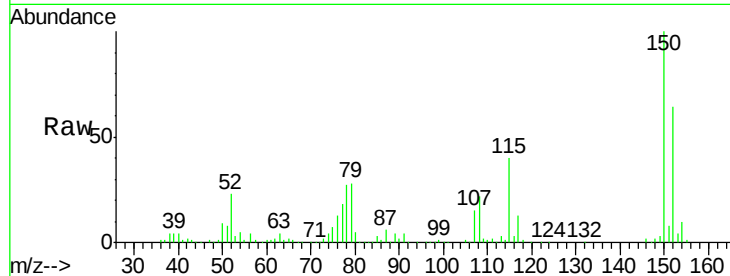
#15
Benzyl Alcohol
Concen: 25.204 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	191896		
108	79.7	65.1	97.7	
77	64.8	50.6	75.8	

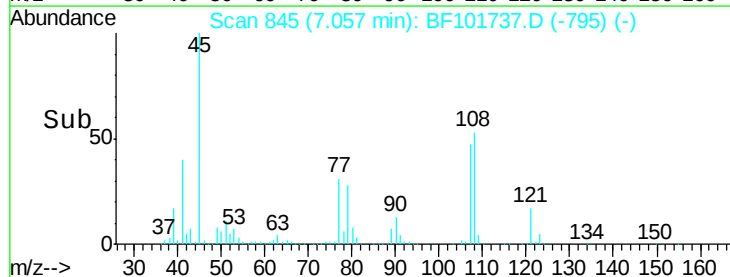
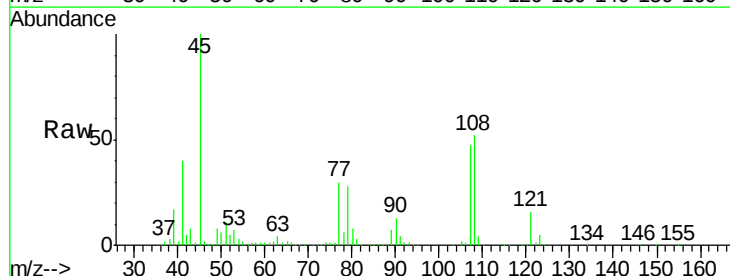
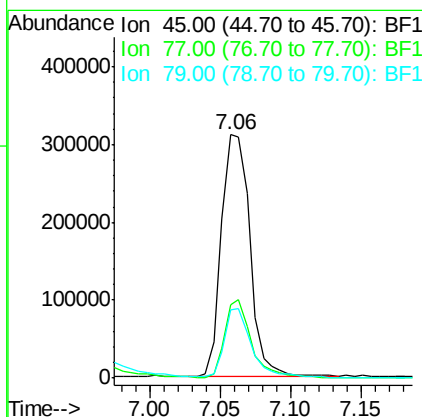
Manual Integrations
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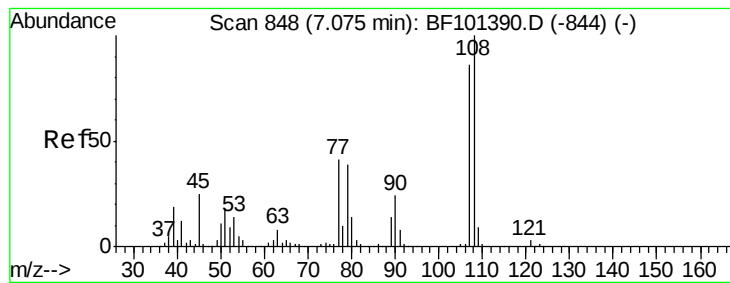
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.617 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	433132		
77	30.3	0.0	32.9	
79	27.9	0.0	29.6	





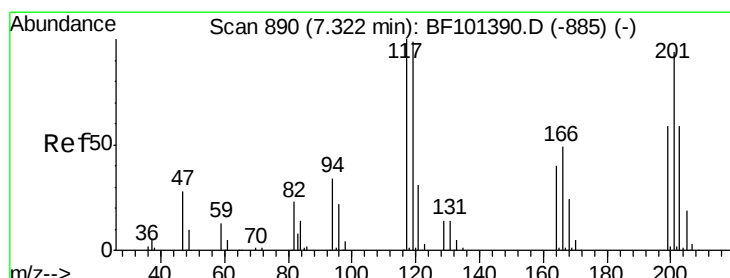
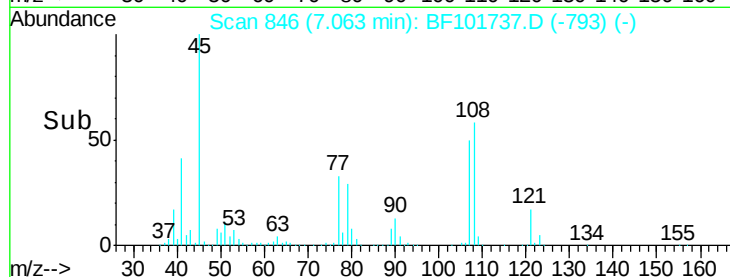
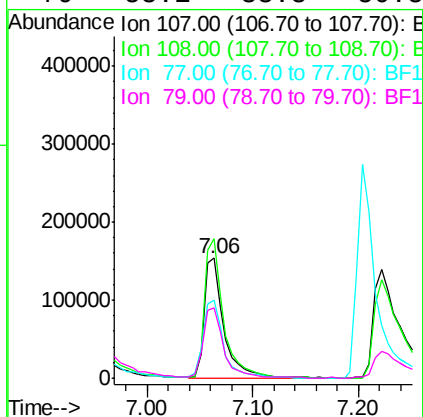
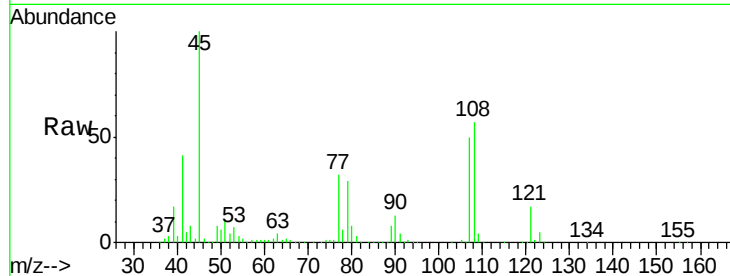
#17
2-Methylphenol
Concen: 22.651 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	115.5	91.7	137.5
77	65.2	33.8	50.8#
79	58.1	33.8	50.8#

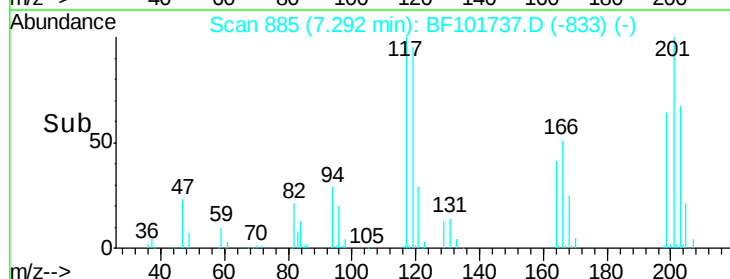
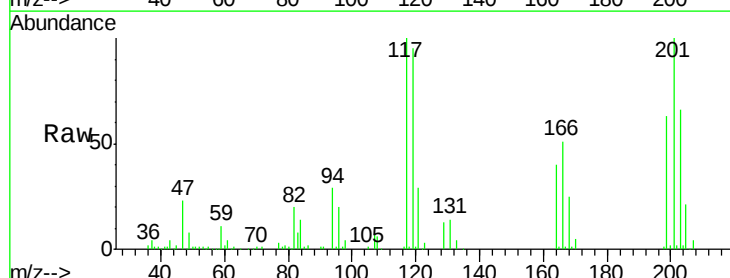
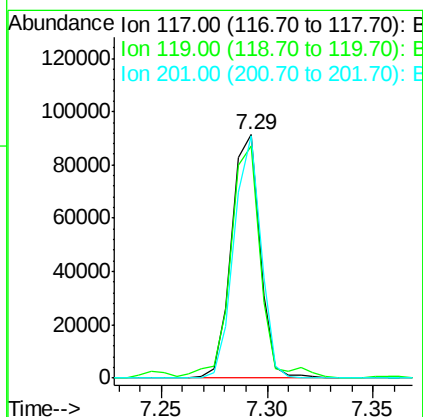
Manual Integrations
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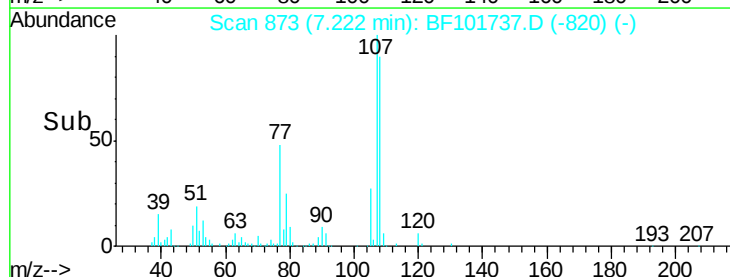
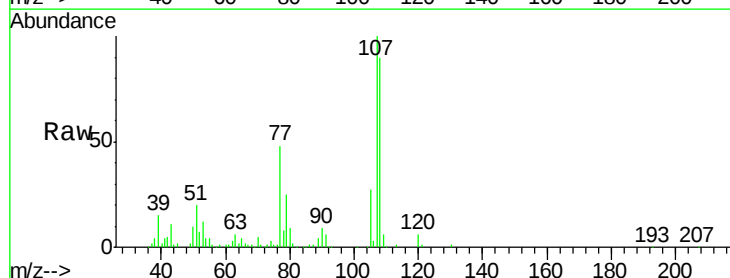
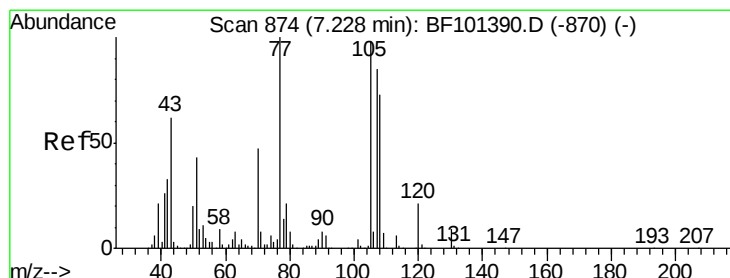
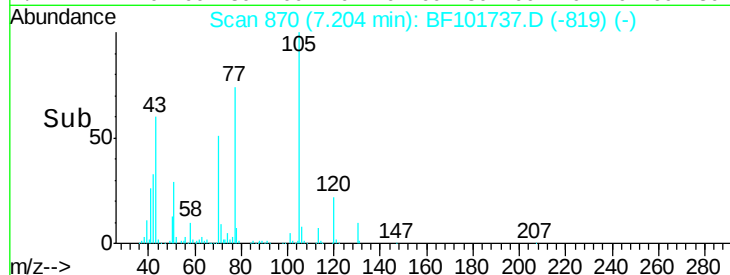
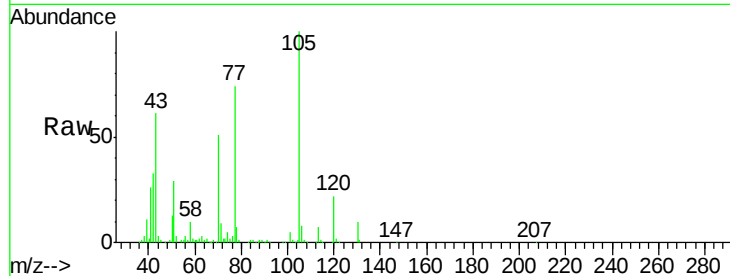
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#18
Hexachloroethane
Concen: 22.809 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.1	75.8	113.8
201	99.6	75.7	113.5





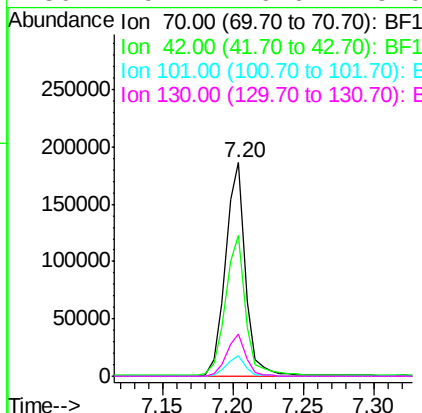
#19
n-Nitroso-di-n-propylamine
Concen: 25.253 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.0	47.5	71.3
101	9.6	7.4	11.2
130	19.7	16.6	25.0

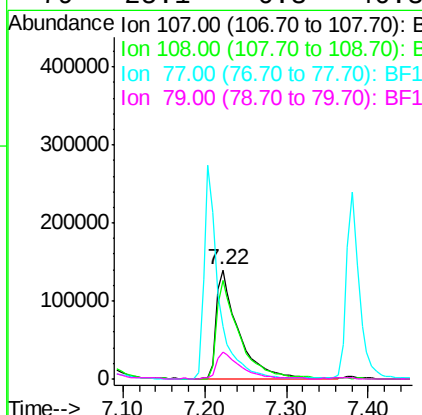
Manual Integrations
APPROVED

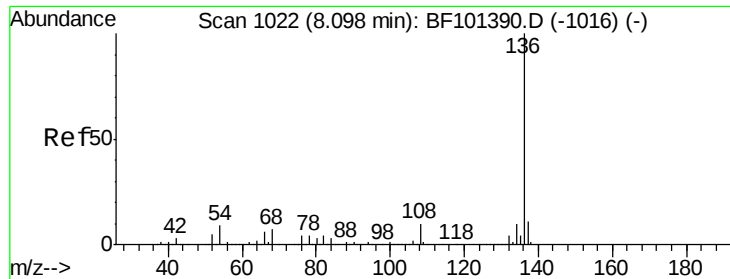
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#20
3+4-Methylphenols
Concen: 29.006 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	47.5	26.7	66.7
79	25.1	6.3	46.3





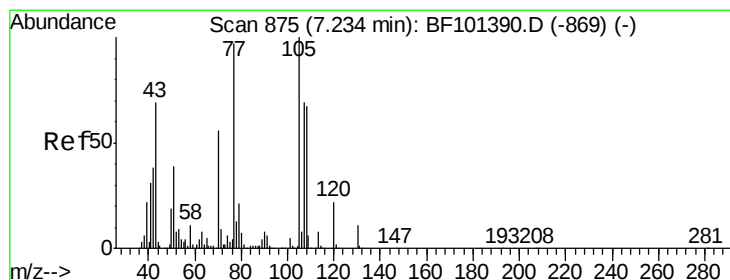
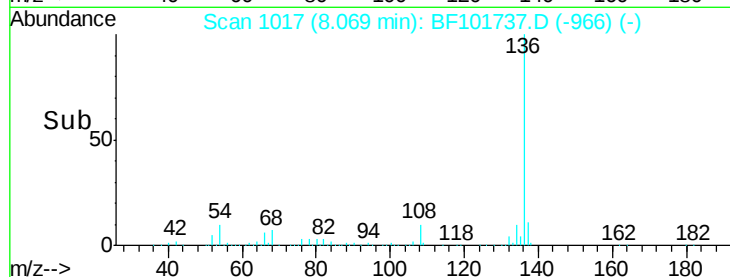
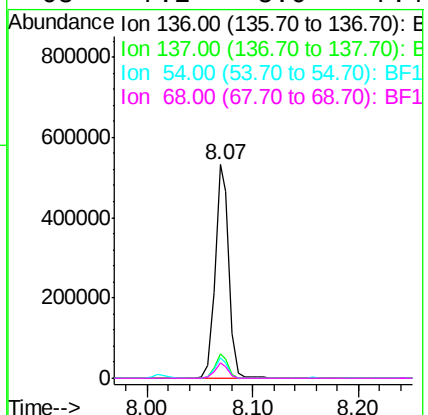
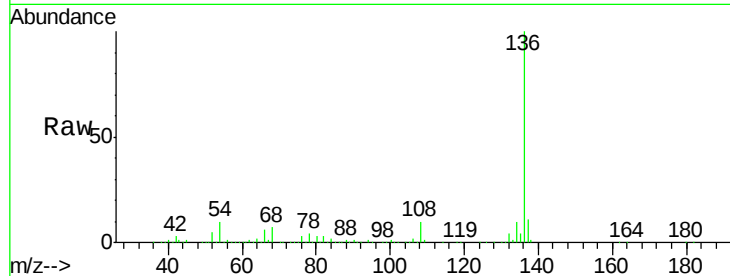
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	489930		
137	11.5	8.9	13.3	
54	9.7	6.6	9.8	
68	7.2	5.0	7.4	

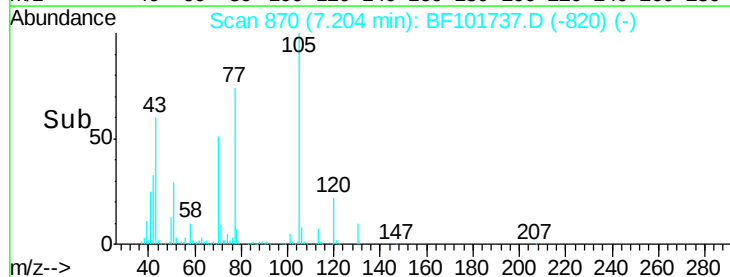
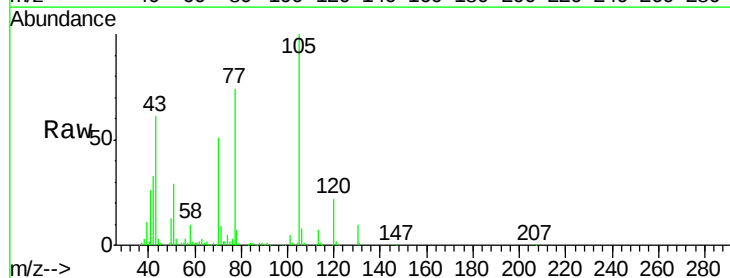
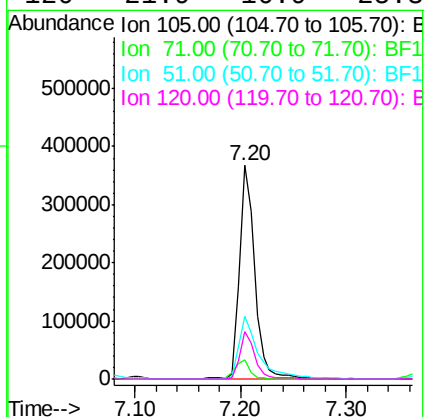
Manual Integrations
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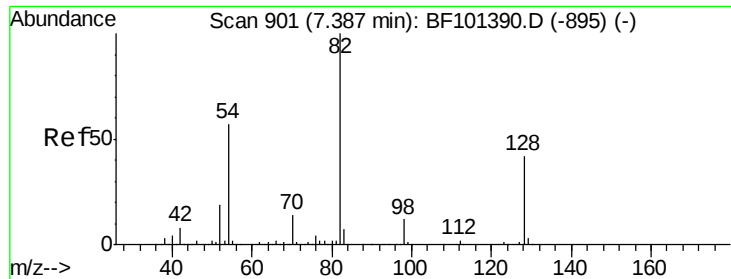
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#22
Acetophenone
Concen: 32.453 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	362794		
71	9.0	4.4	6.6#	
51	29.4	22.3	33.5	
120	21.9	16.9	25.3	





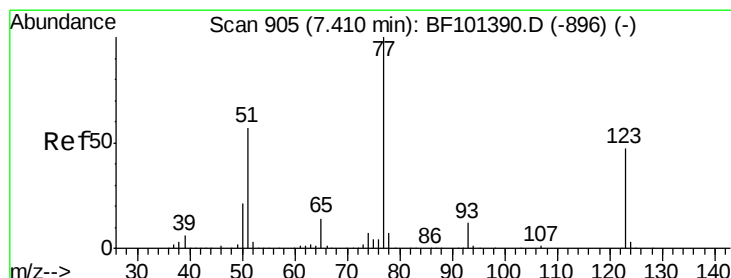
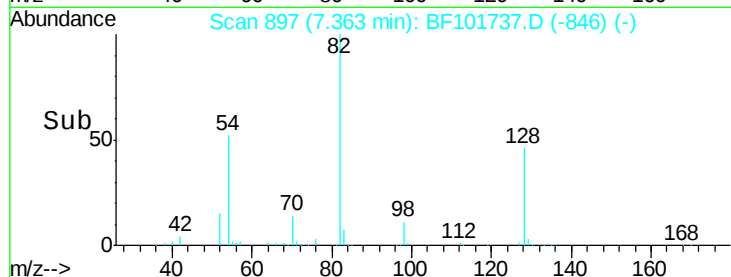
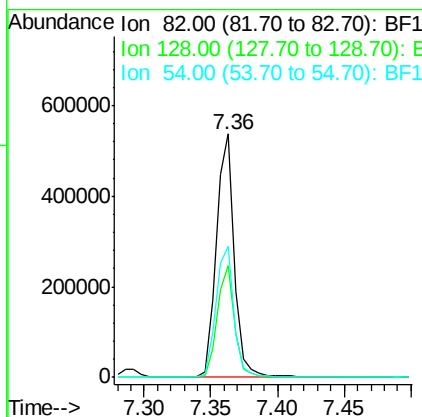
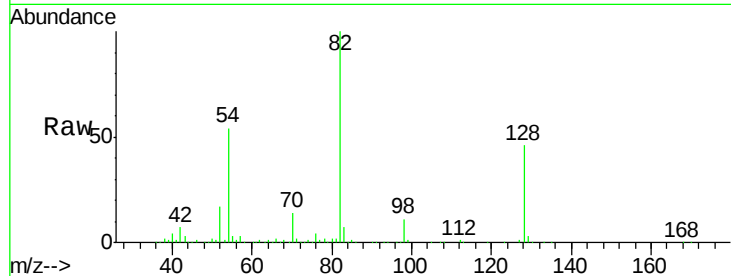
#23
 Nitrobenzene-d5
 Concen: 57.991 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	53.7	41.4	62.2

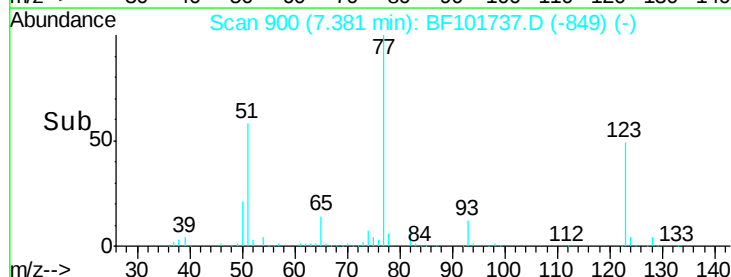
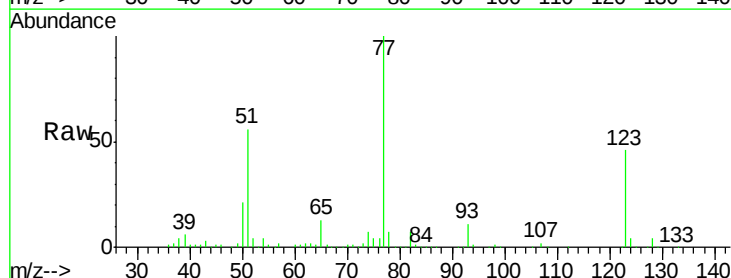
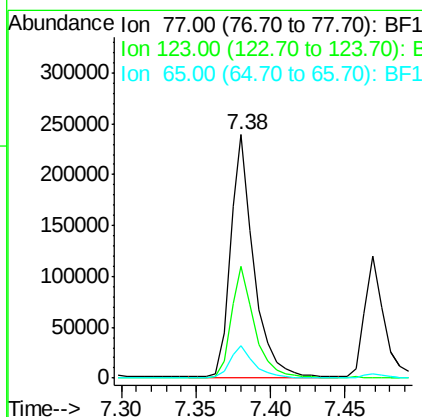
Manual Integrations
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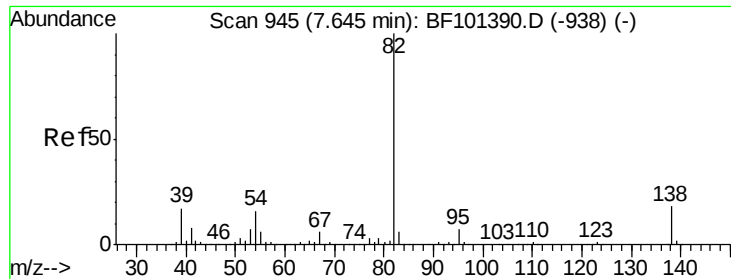
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#24
 Nitrobenzene
 Concen: 26.713 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 26.963 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

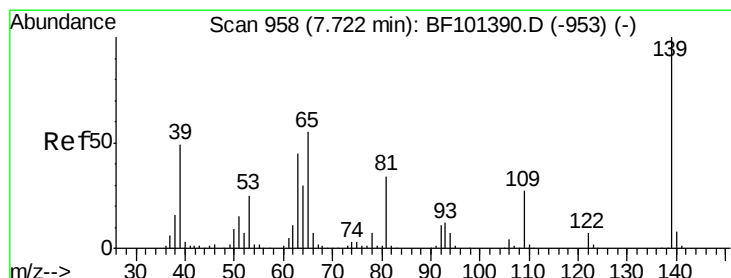
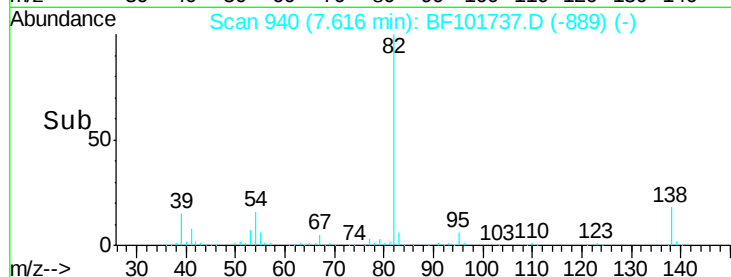
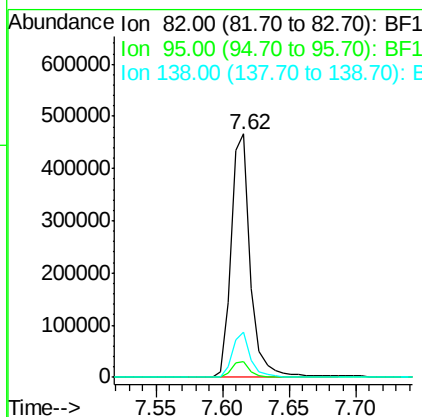
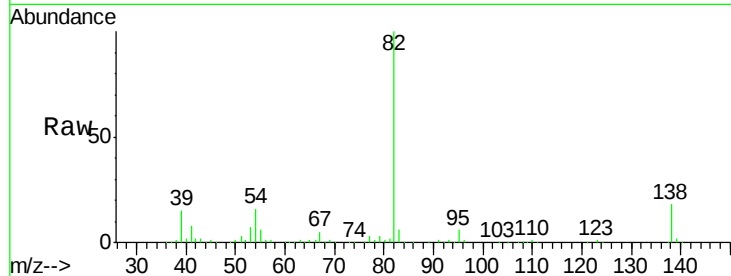
ClientSampleId :

HALSTED-WWMSD

Tgt Ion:	82	Resp:	476056
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	18.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.153 ng

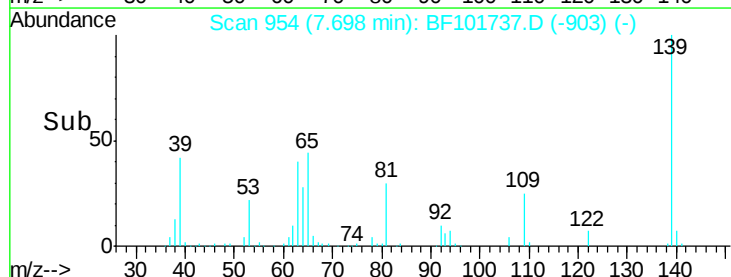
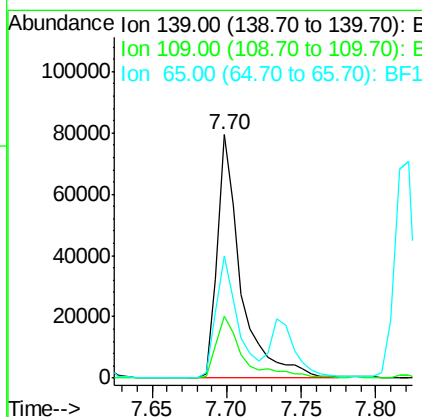
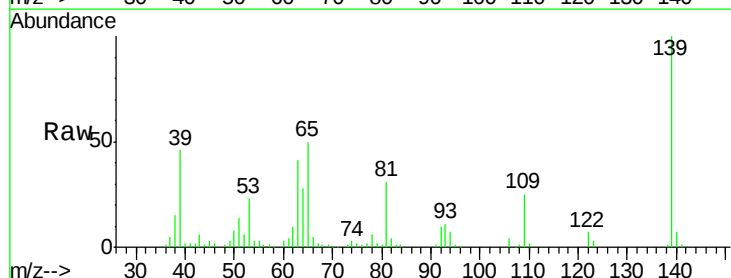
RT: 7.70 min Scan# 954

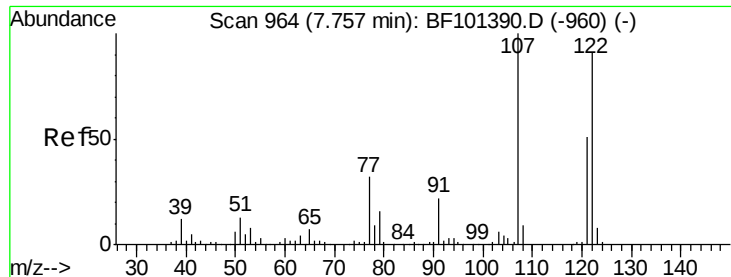
Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion:	139	Resp:	88522
Ion Ratio	Lower	Upper	
139	100		
109	25.2	22.7	34.1
65	50.2	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 27.580 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

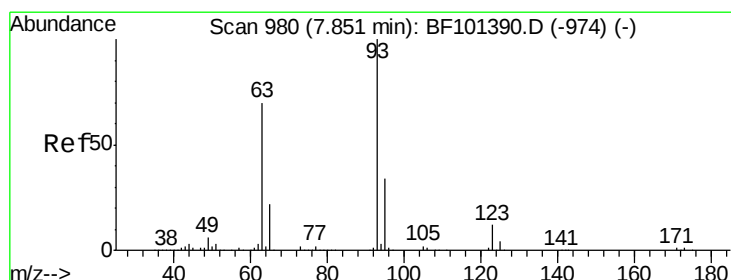
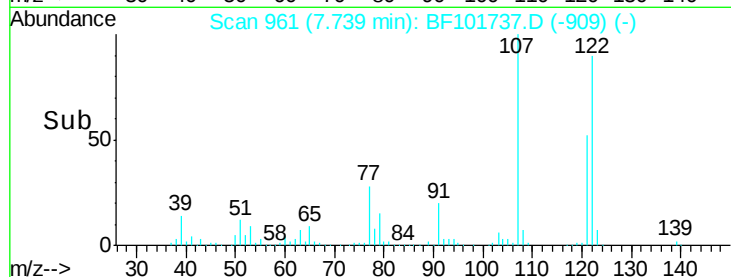
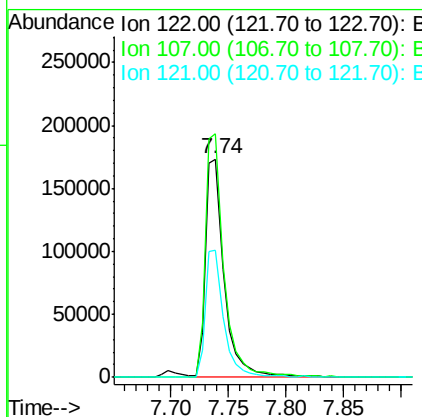
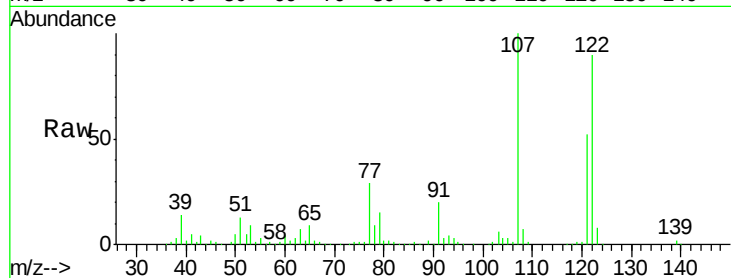
ClientSampleId :

HALSTED-WWMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	196075		
107	111.4	91.2	136.8	
121	58.0	47.2	70.8	

Manual Integrations
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12/27/2017 4:15:14 PM



#28

bis(2-Chloroethoxy)methane

Concen: 27.378 ng

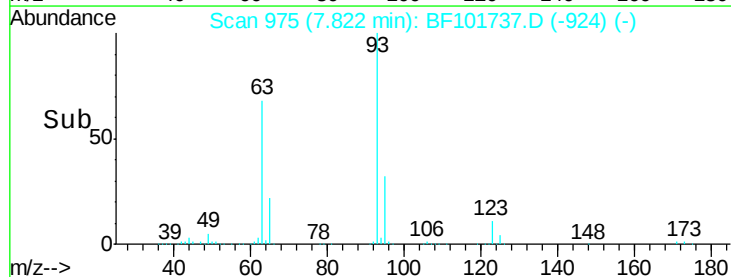
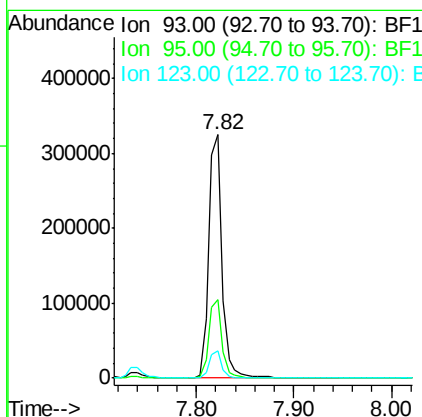
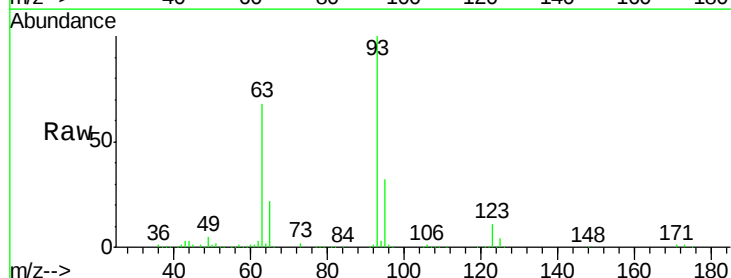
RT: 7.82 min Scan# 975

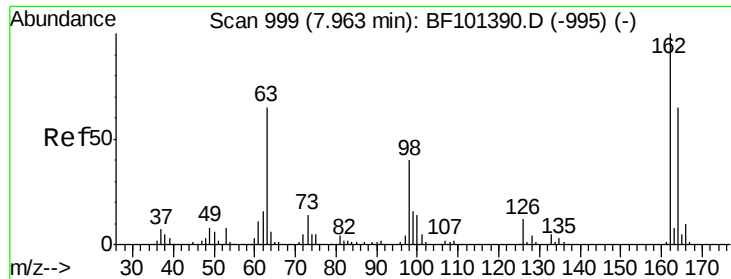
Delta R.T. -0.00 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	307051		
95	32.4	26.3	39.5	
123	11.1	9.8	14.6	





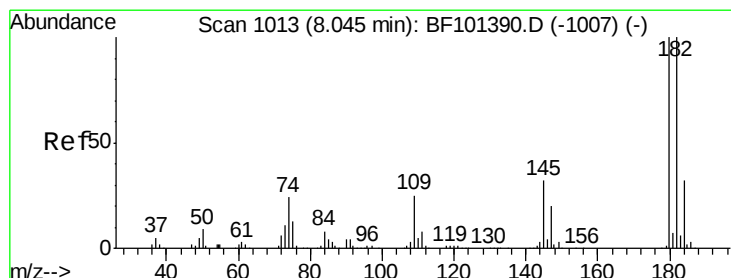
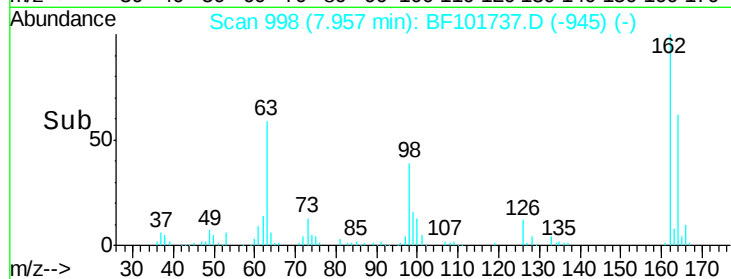
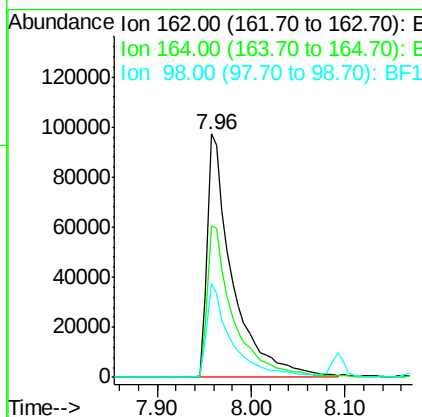
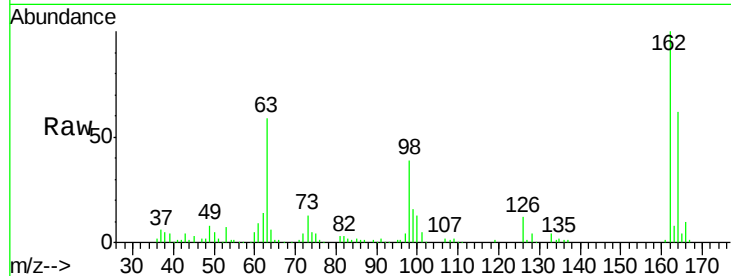
#29
2,4-Dichlorophenol
Concen: 25.977 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	182460		
164	62.2	42.7	82.7	
98	38.7	18.1	58.1	

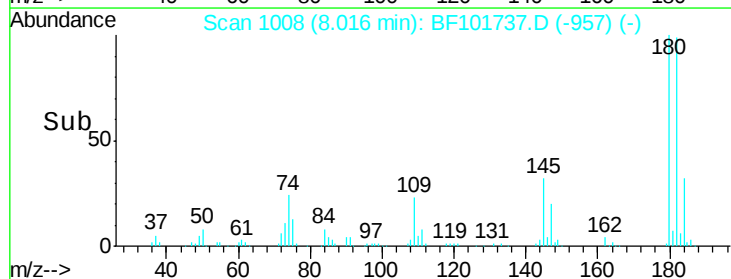
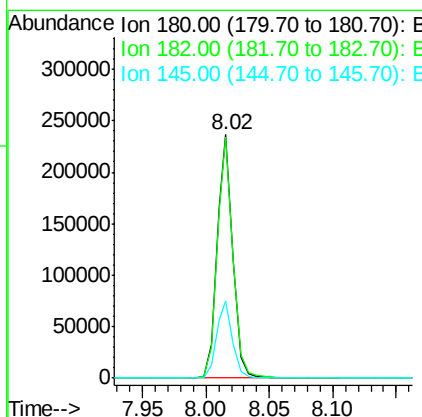
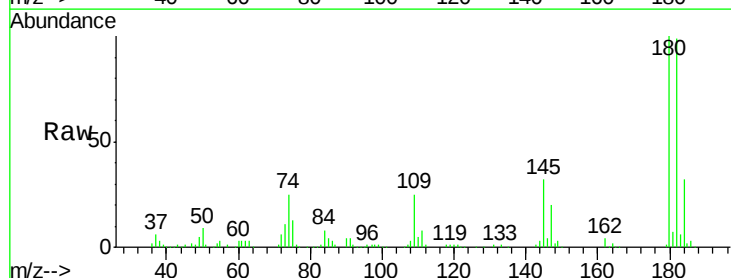
Manual Integrations
APPROVED

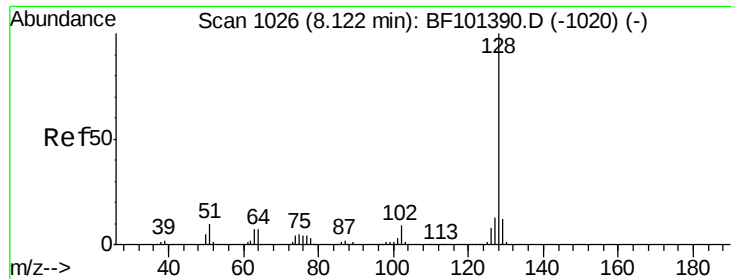
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 27.824 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	206237		
182	99.2	76.8	115.2	
145	31.9	26.5	39.7	





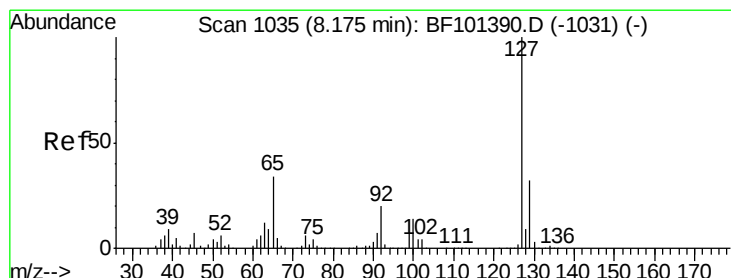
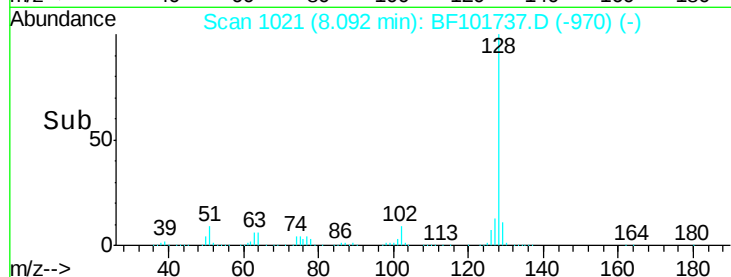
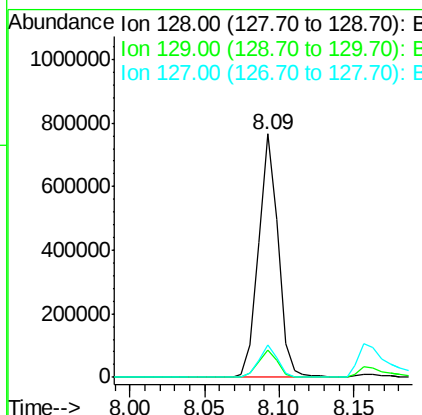
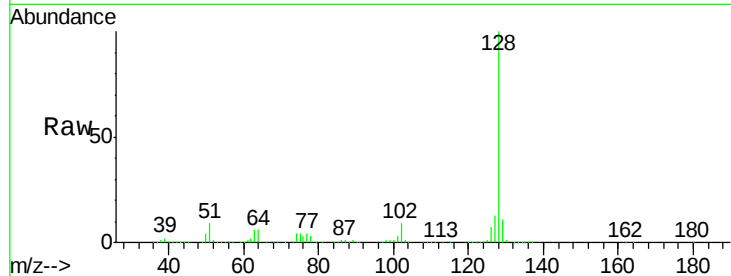
#31
Naphthalene
Concen: 27.981 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	690149		
129	11.3	8.8	13.2	
127	13.1	10.9	16.3	

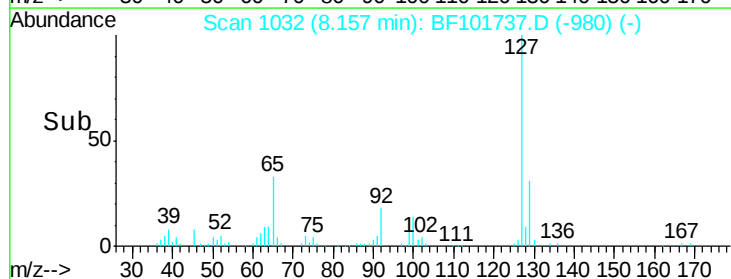
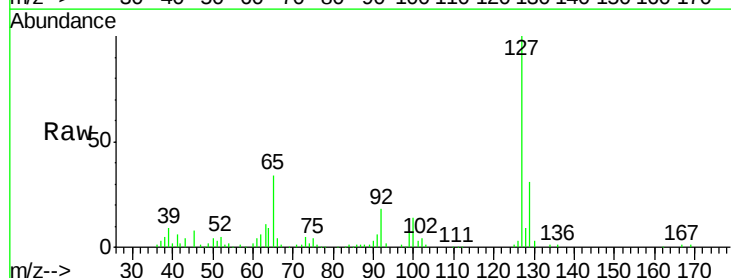
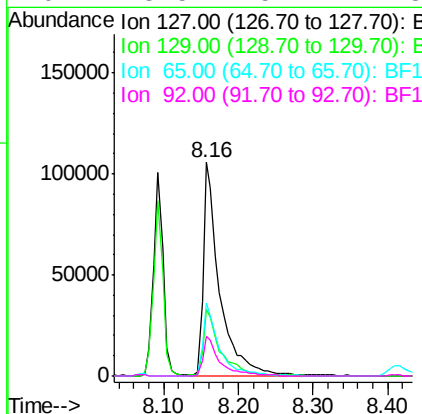
Manual Integrations
APPROVED

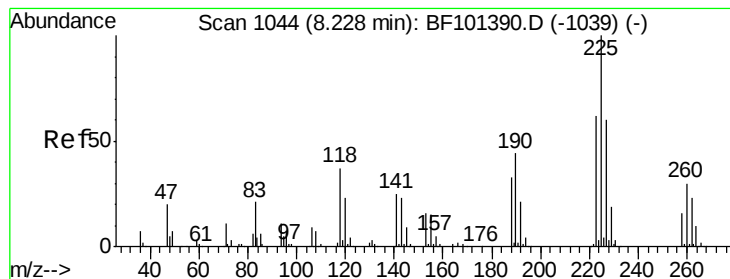
Sohil
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#33
4-Chloroaniline
Concen: 15.261 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	163604		
129	31.4	25.9	38.9	
65	34.0	25.0	37.4	
92	18.5	15.2	22.8	





#34

Hexachlorobutadiene

Concen: 28.200 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF101737.D

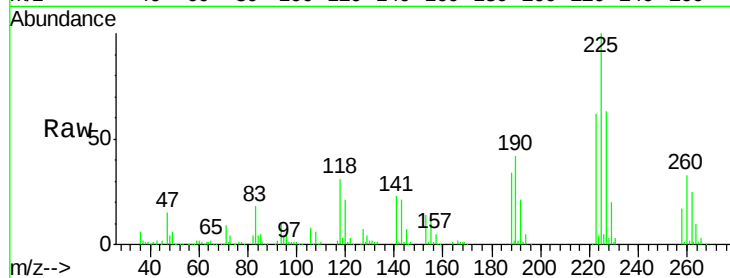
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

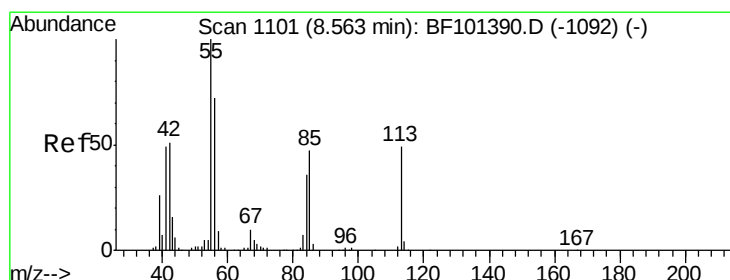
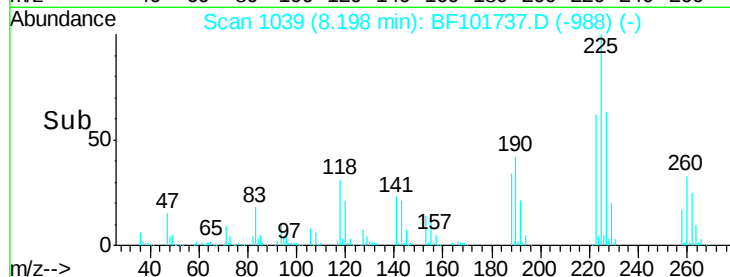
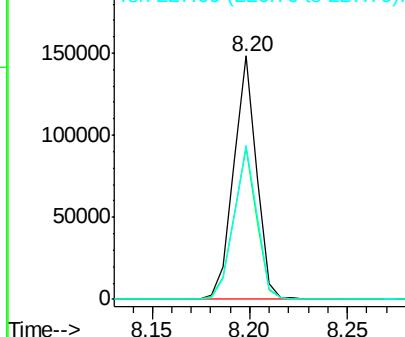
Tgt Ion:	225	Resp:	120895
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.6	76.0
227	63.1	51.9	77.9

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



#35

Caprolactam

Concen: 23.901 ng

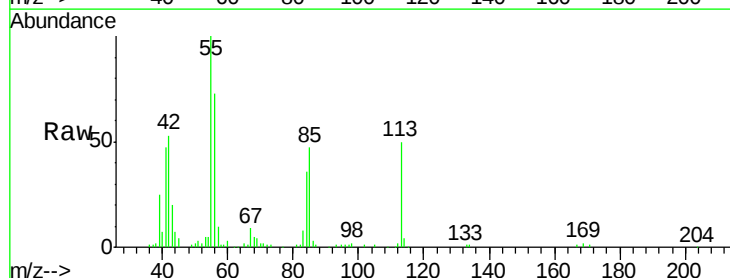
RT: 8.52 min Scan# 1093

Delta R.T. -0.02 min

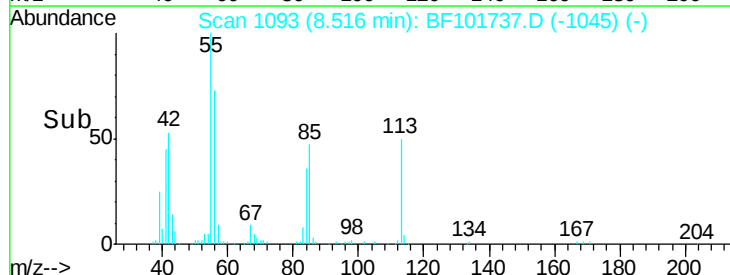
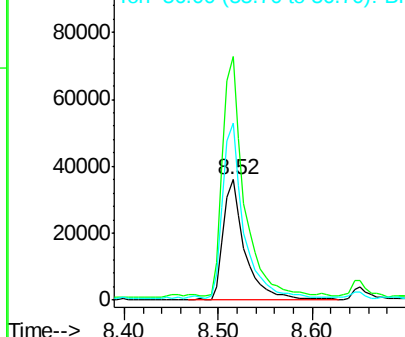
Lab File: BF101737.D

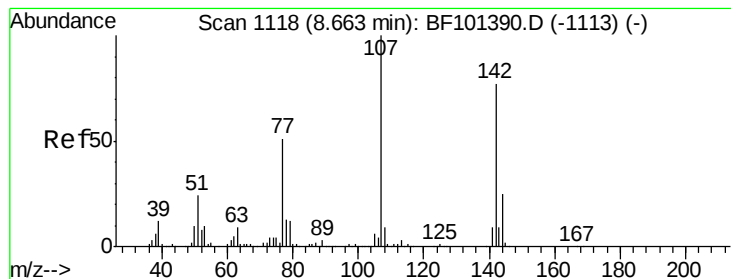
Acq: 27 Dec 2017 2:00

Tgt Ion:	113	Resp:	58291
Ion Ratio	Lower	Upper	
113	100		
55	201.9	163.3	203.3
56	146.4	115.7	155.7



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: 23.657 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

Tgt Ion:107 Resp: 182627
Ion Ratio Lower Upper

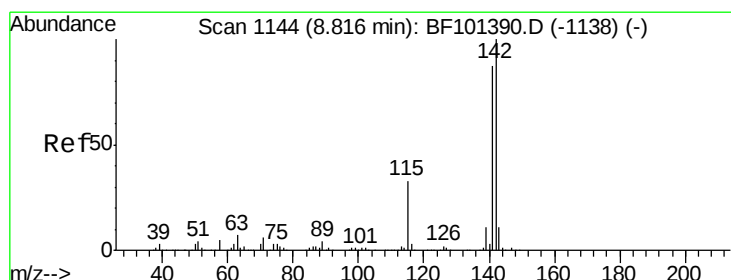
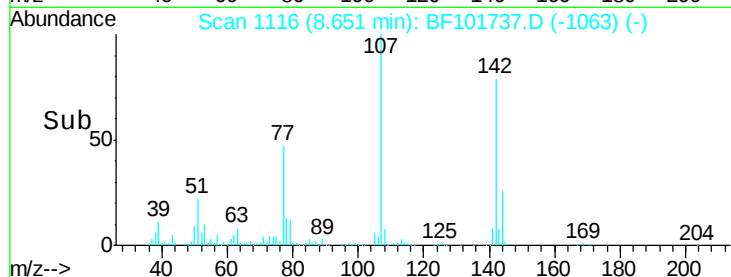
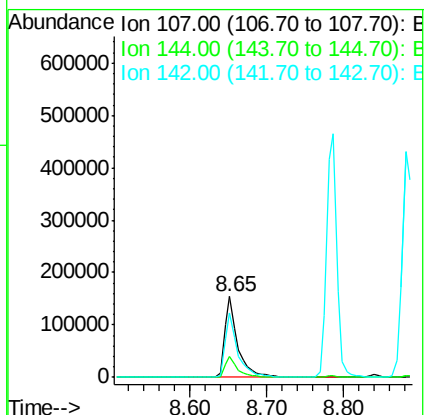
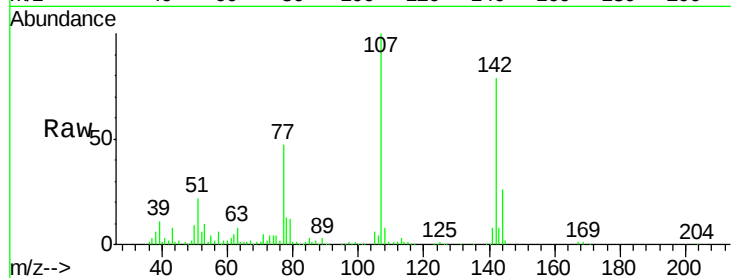
107 100

144 26.2 20.5 30.7

142 79.0 62.0 93.0

Manual Integrations
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#37

2-Methylnaphthalene

Concen: 26.893 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF101737.D

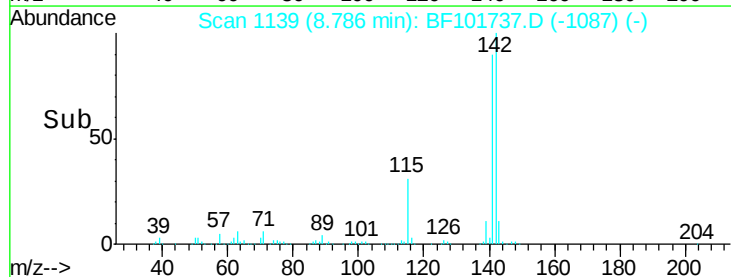
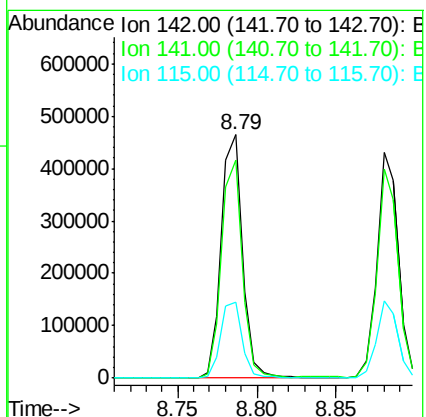
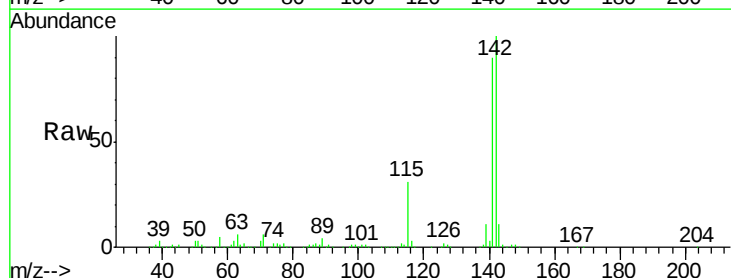
Acq: 27 Dec 2017 2:00

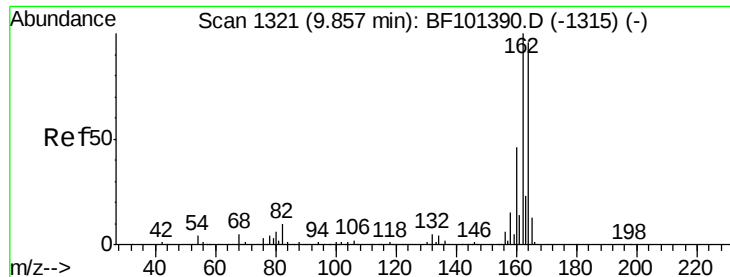
Tgt Ion:142 Resp: 432162
Ion Ratio Lower Upper

142 100

141 89.8 70.8 106.2

115 31.3 26.1 39.1





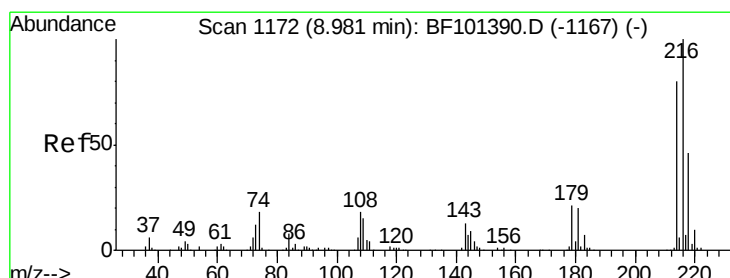
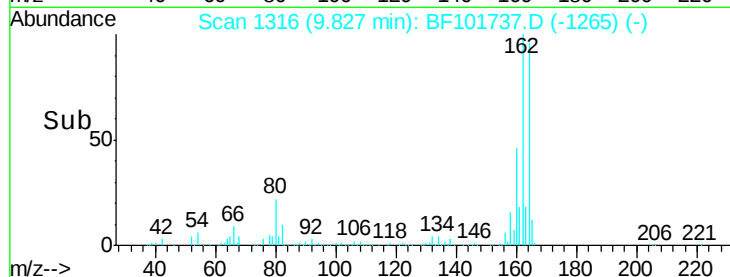
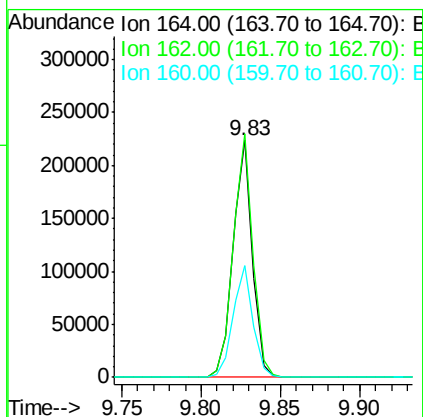
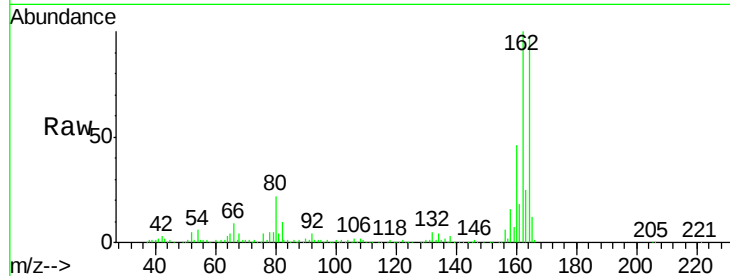
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	188056		
162	102.9	86.1	129.1	
160	47.2	38.3	57.5	

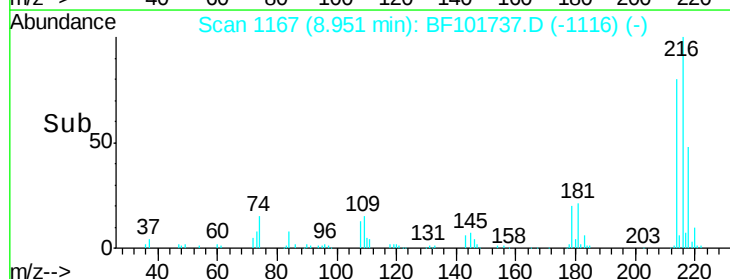
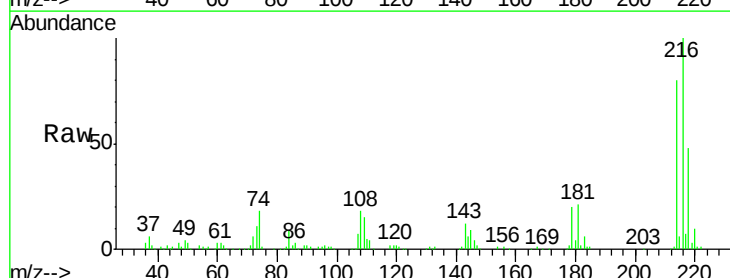
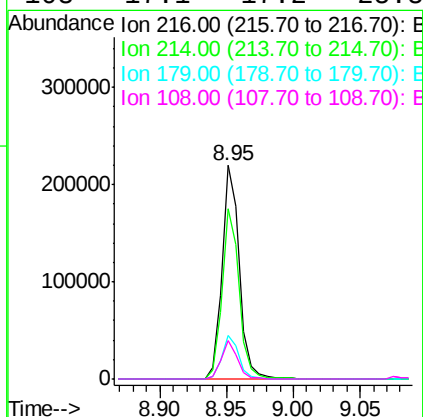
Manual Integrations
APPROVED

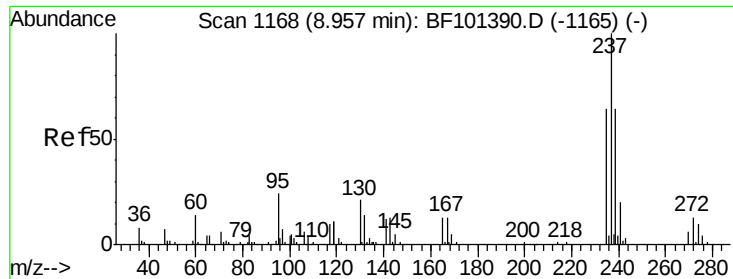
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.700 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	201273		
214	78.9	63.0	94.4	
179	20.0	18.1	27.1	
108	17.1	17.2	25.8	





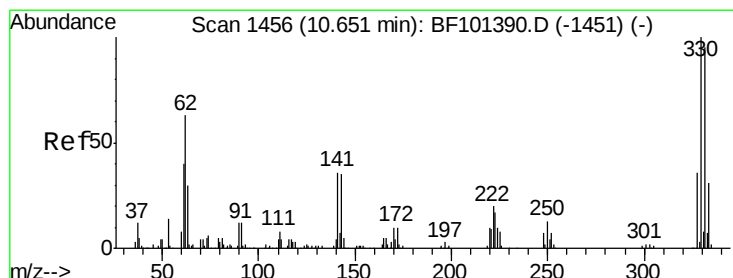
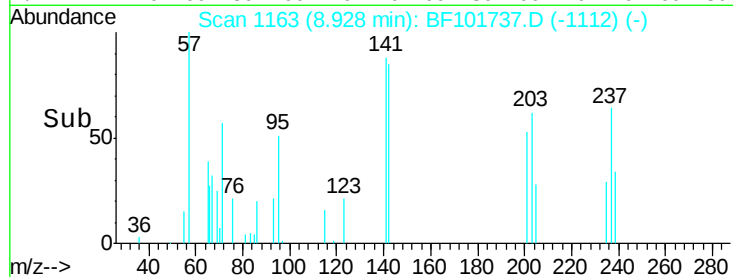
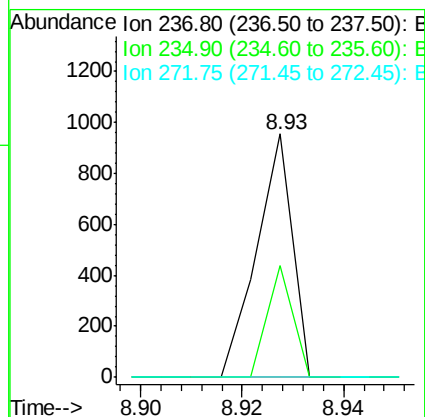
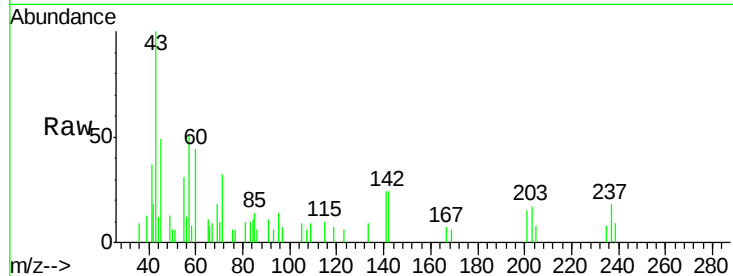
#40
Hexachlorocyclopentadiene
Concen: 11.817 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Lower	Upper
237	100		
235	45.8	44.8	84.8
272	0.0	0.0	33.3

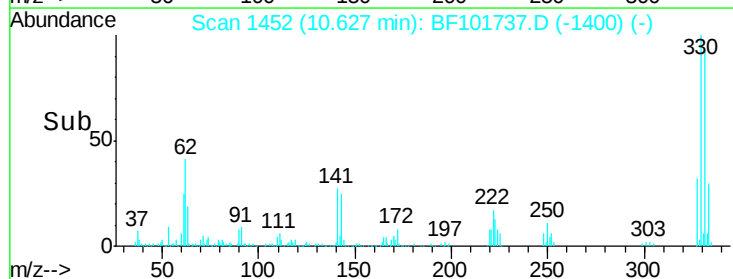
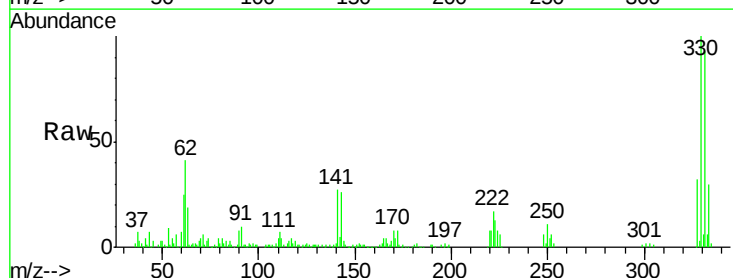
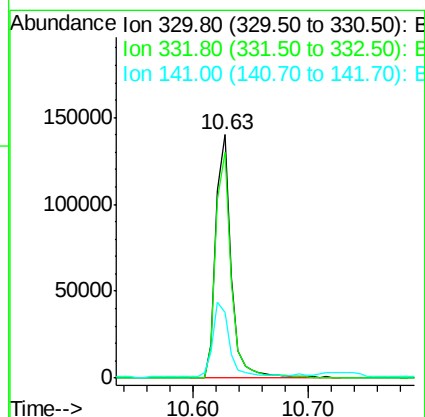
Manual Integrations
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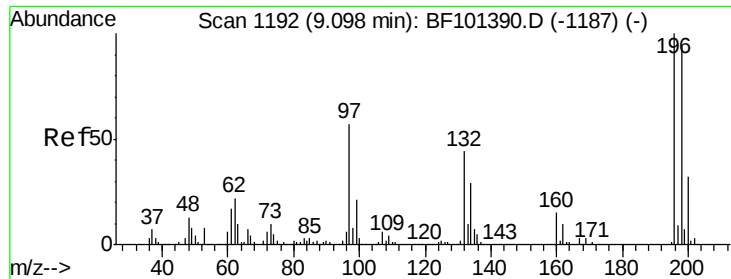
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#41
2,4,6-Tribromophenol
Concen: 71.696 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	35.1	29.9	44.9





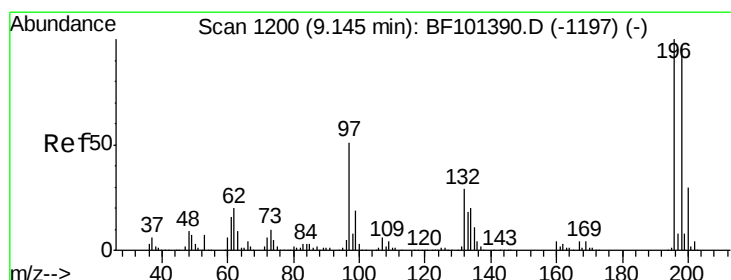
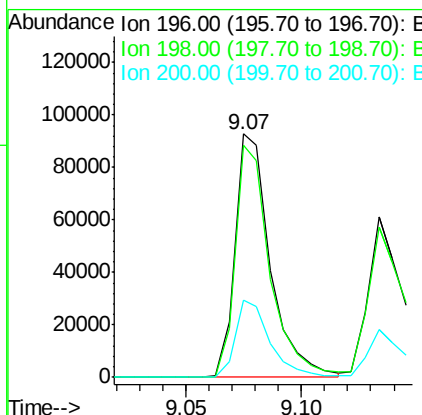
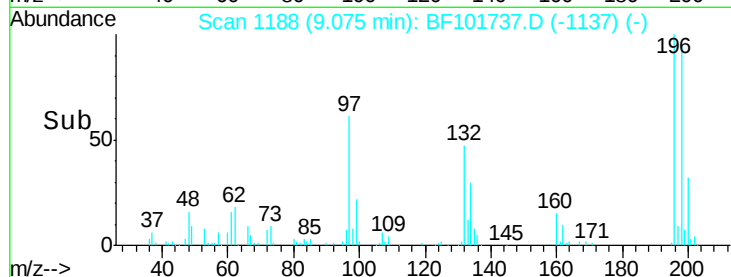
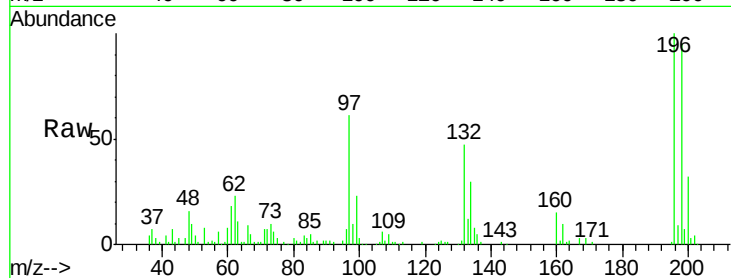
#42
 2,4,6-Trichlorophenol
 Concen: 25.946 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tgt Ion:	196	Resp:	99177
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.7	113.5
200	31.8	24.5	36.7

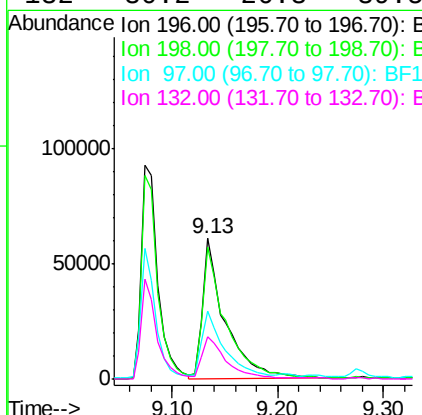
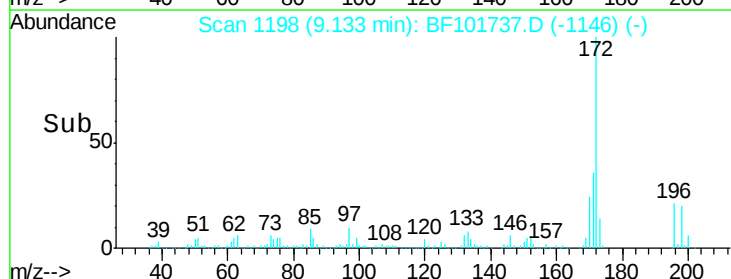
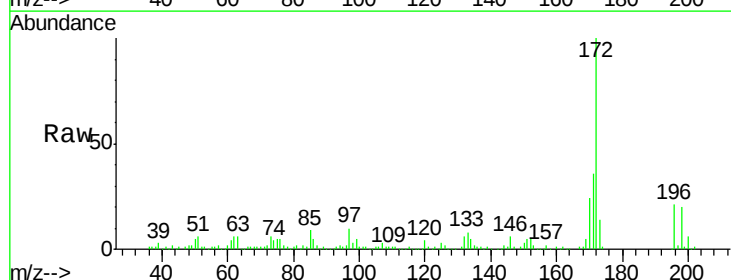
Manual Integrations
 APPROVED

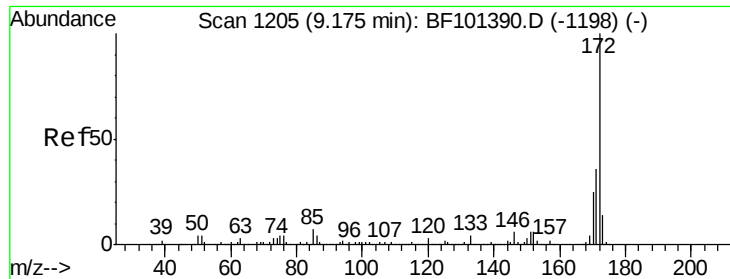
Sohil
 12/27/2017 4:15:14 PM



#43
 2,4,5-Trichlorophenol
 Concen: 21.312 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion:	196	Resp:	89197
Ion Ratio	Lower	Upper	
196	100		
198	93.9	74.6	112.0
97	47.8	42.9	64.3
132	30.2	26.3	39.5





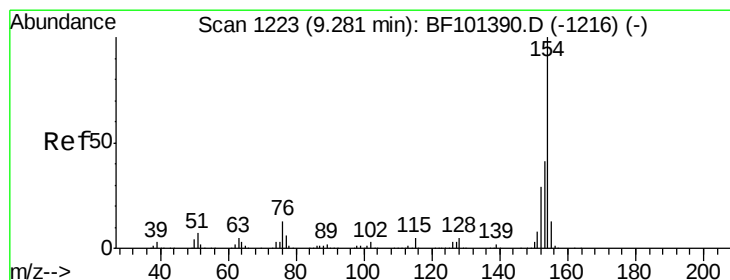
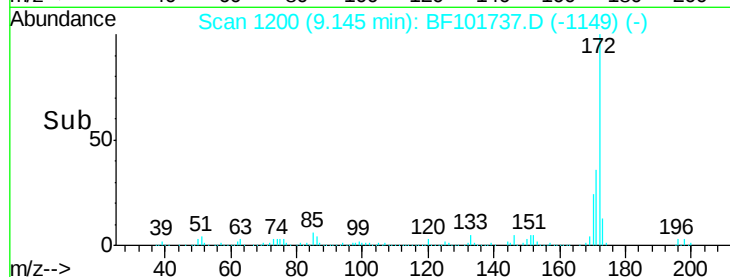
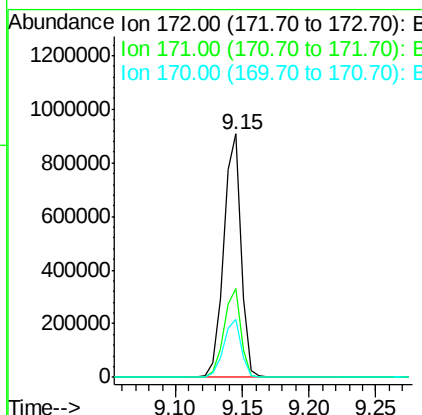
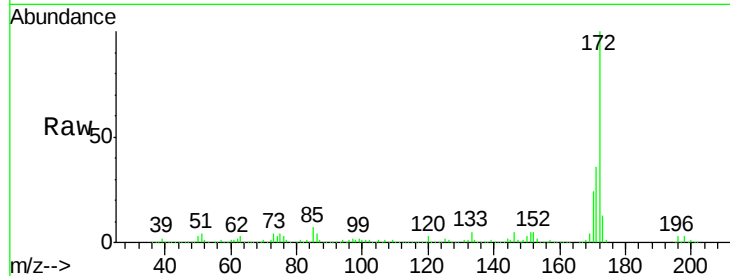
#44
2-Fluorobiphenyl
Concen: 69.071 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	837340		
171	36.4	29.7	44.5	
170	24.1	19.6	29.4	

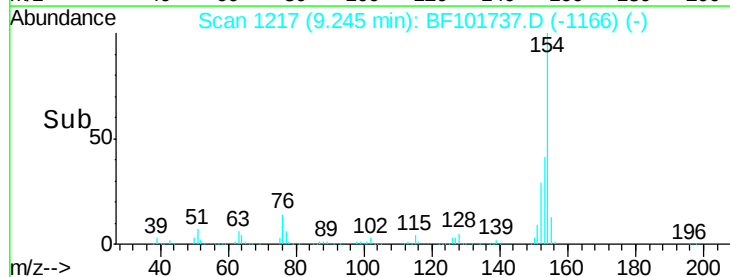
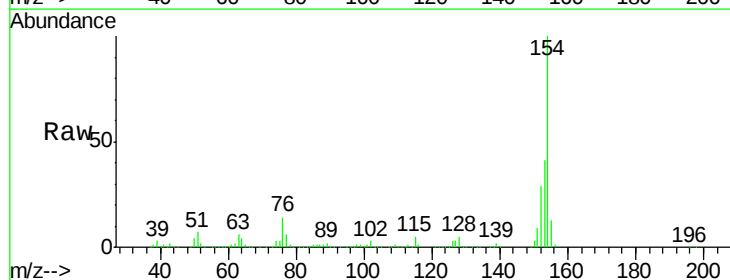
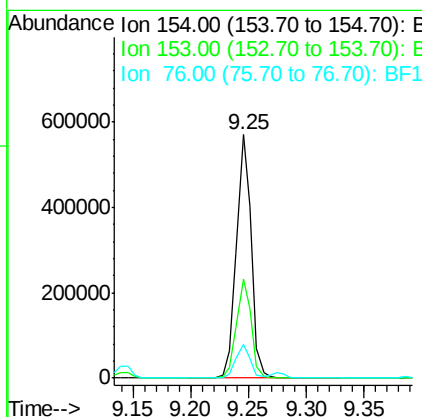
Manual Integrations
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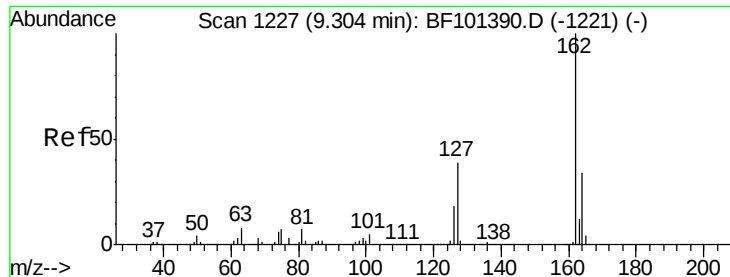
Sohil
12/27/2017 4:15:14 PM



#45
1,1'-Biphenyl
Concen: 30.308 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	505469		
153	40.6	21.3	61.3	
76	14.0	0.0	34.0	





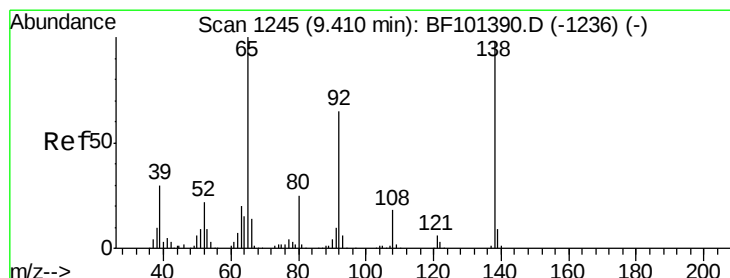
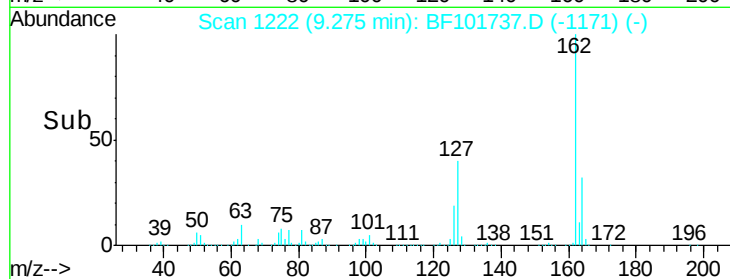
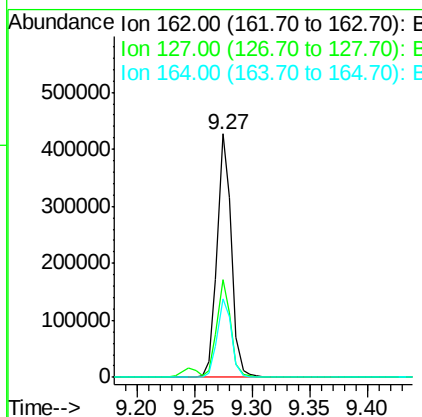
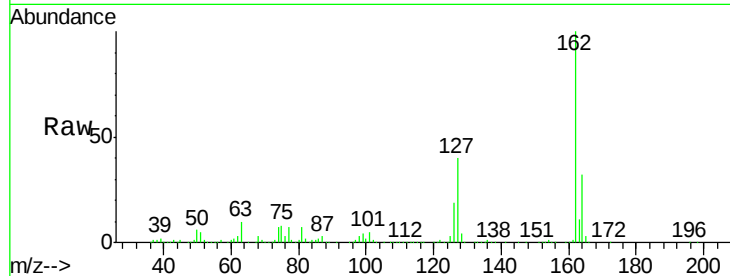
#46
 2-Chloronaphthalene
 Concen: 28.776 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tgt Ion:	162	Resp:	367211
Ion Ratio	Lower	Upper	
162	100		
127	40.0	33.9	50.9
164	32.0	26.5	39.7

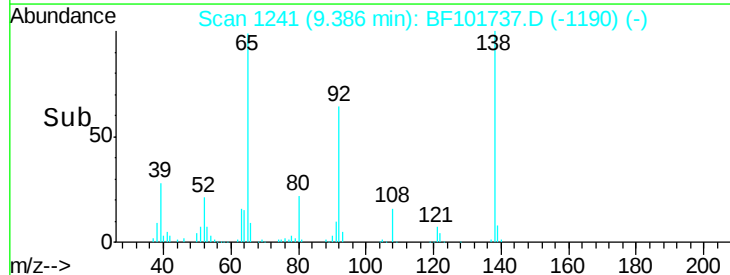
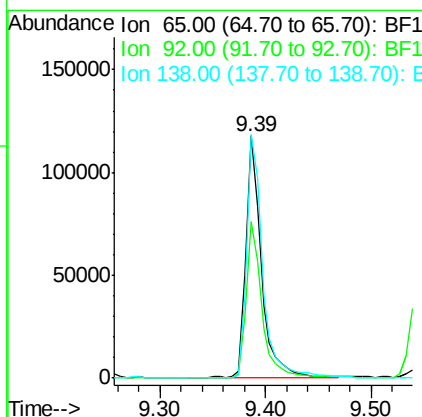
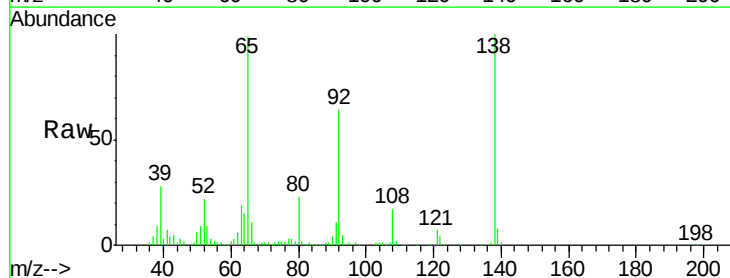
Manual Integrations
 APPROVED

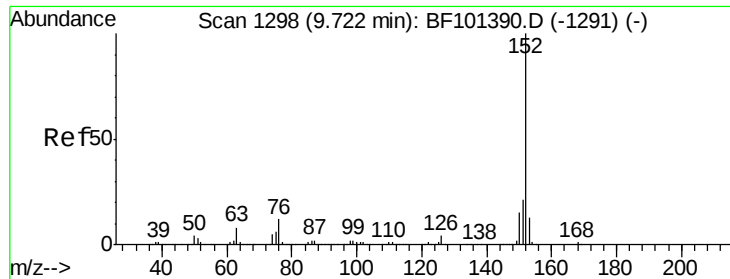
Sohil
 12/27/2017 4:15:14 PM



#47
 2-Nitroaniline
 Concen: 27.430 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion:	65	Resp:	120922
Ion Ratio	Lower	Upper	
65	100		
92	64.8	55.8	83.6
138	100.6	91.2	136.8





#48

Acenaphthylene

Concen: 26.416 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

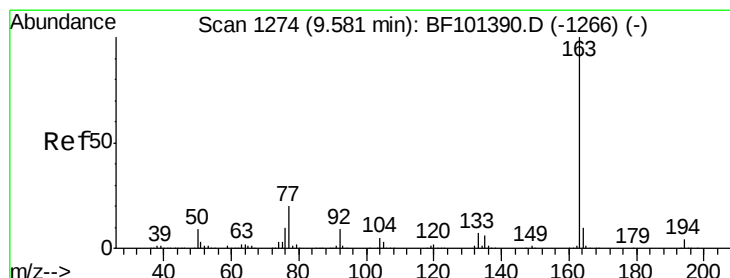
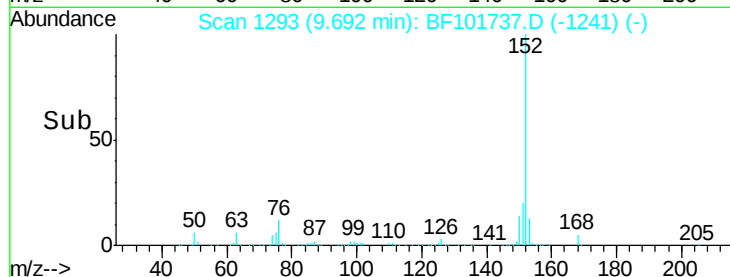
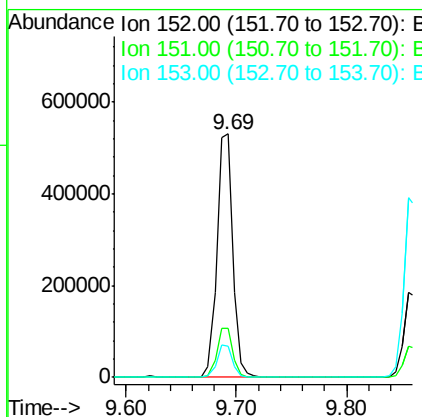
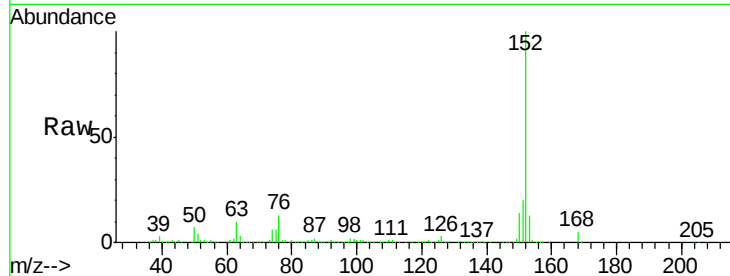
ClientSampleId :

HALSTED-WWMSD

Tgt Ion:	152	Resp:	532442
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.3	24.5
153	12.9	10.7	16.1

Manual Integrations
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#49

Dimethylphthalate

Concen: 37.097 ng

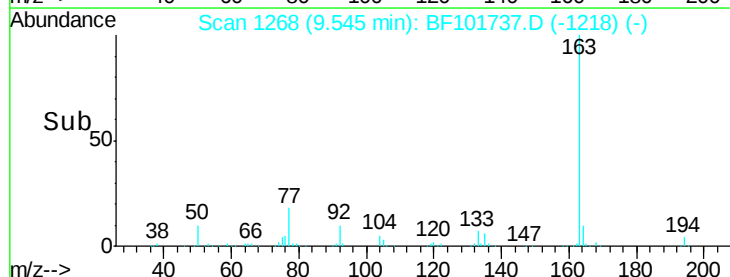
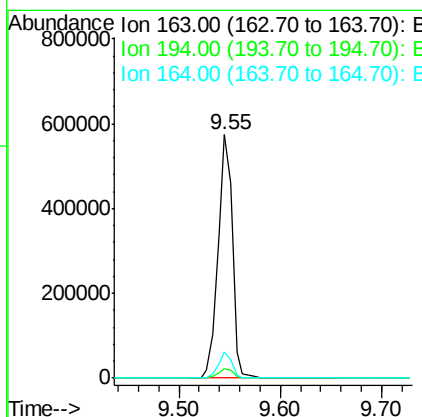
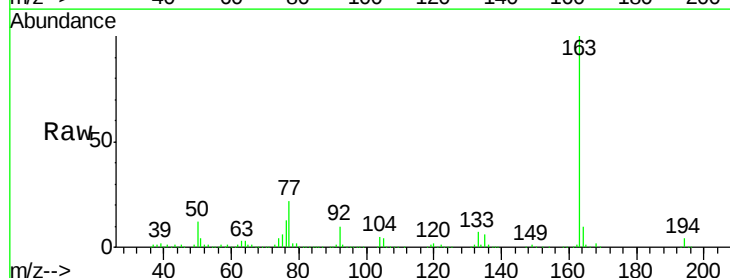
RT: 9.55 min Scan# 1268

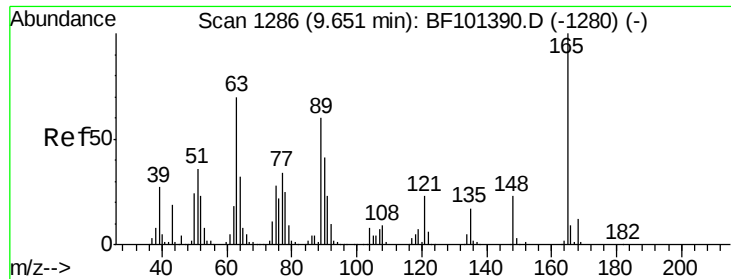
Delta R.T. -0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion:	163	Resp:	561150
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2





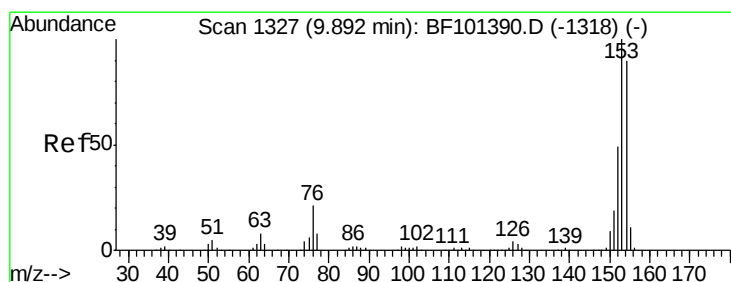
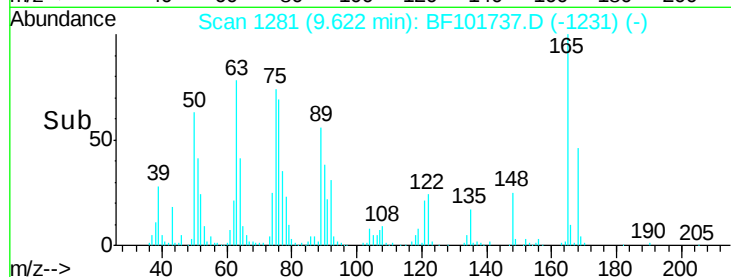
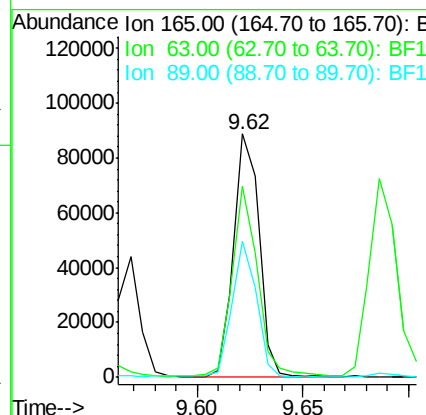
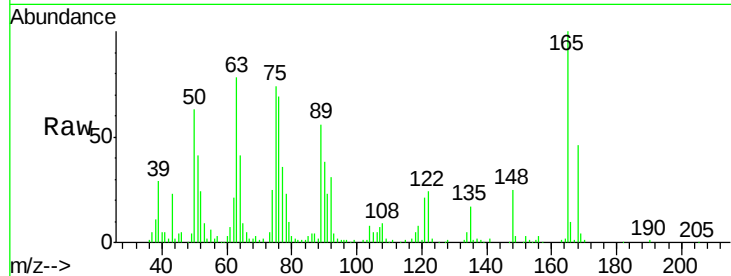
#50
2,6-Dinitrotoluene
Concen: 24.157 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	78.4	44.7	67.1#
89	56.0	44.0	66.0

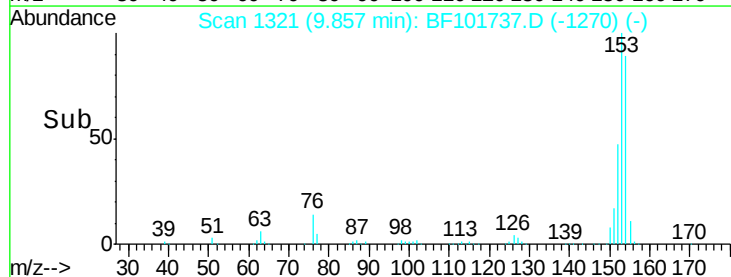
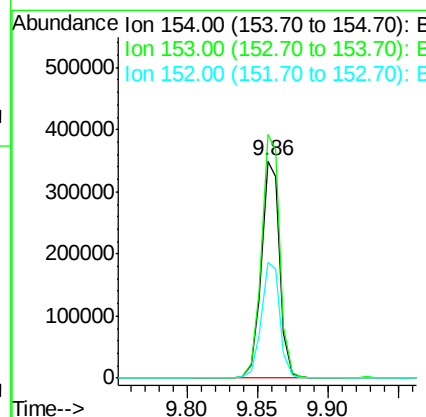
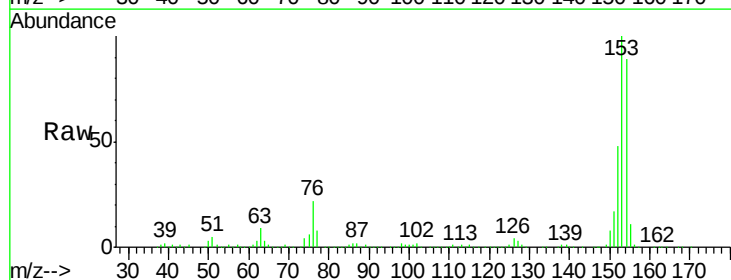
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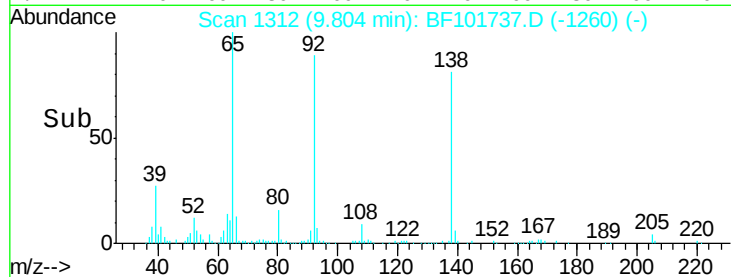
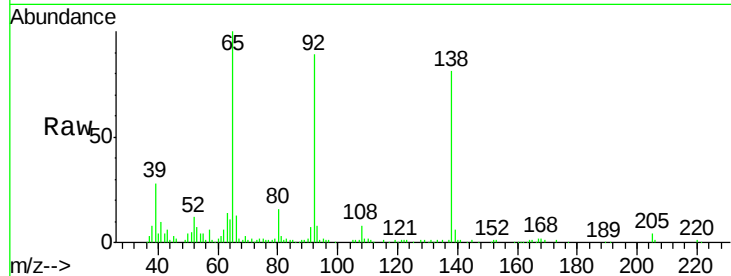
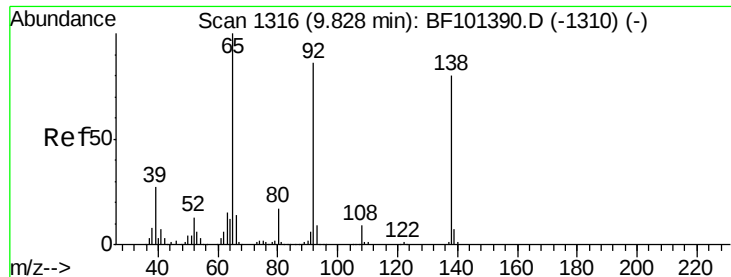
Sohil
12/27/2017 4:15:14 PM



#51
Acenaphthene
Concen: 26.561 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	91.2	136.8
152	53.4	43.8	65.8





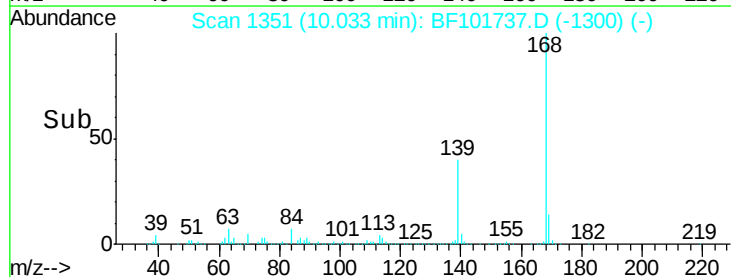
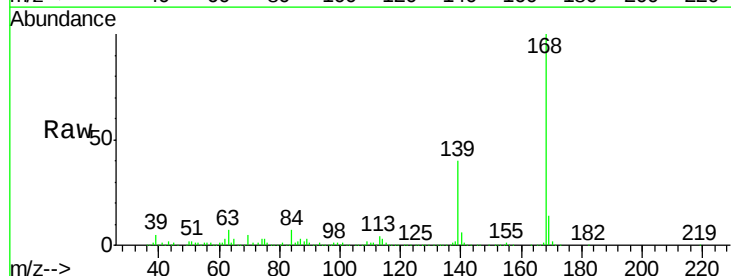
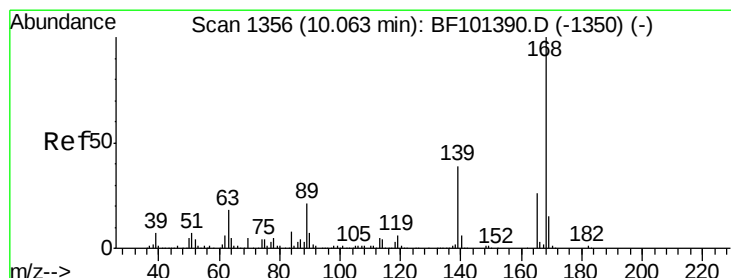
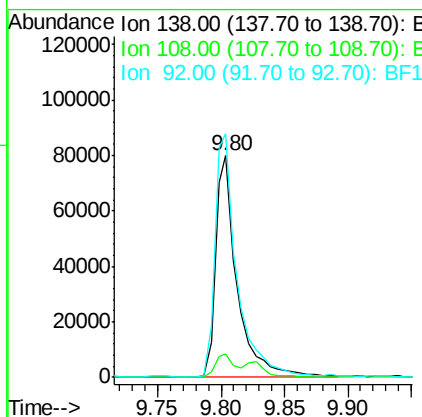
#52
3-Nitroaniline
Concen: 24.930 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	95556		
108	10.5	9.4	14.0	
92	110.0	89.4	134.2	

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

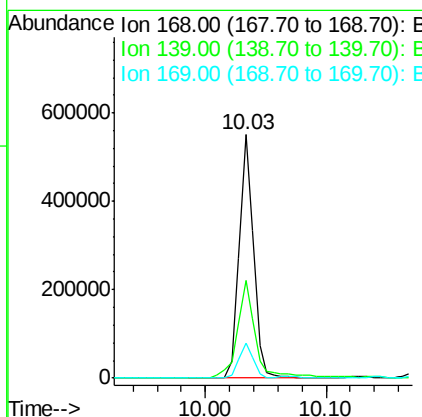
Manual Integrations
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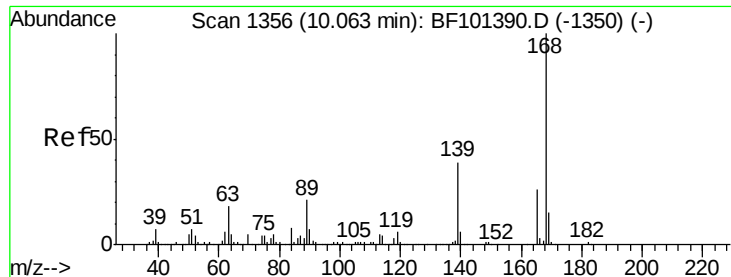
Sohil
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#54
Dibenzofuran
Concen: 29.859 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	459502		
139	39.9	30.1	45.1	
169	14.4	10.9	16.3	





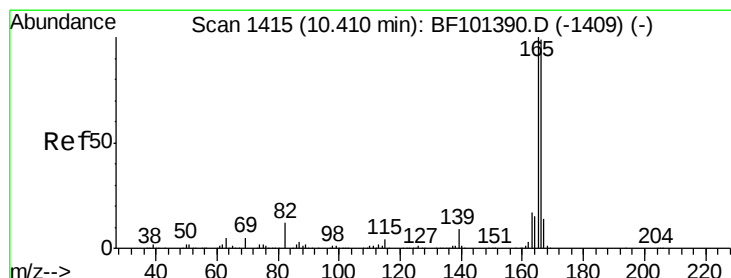
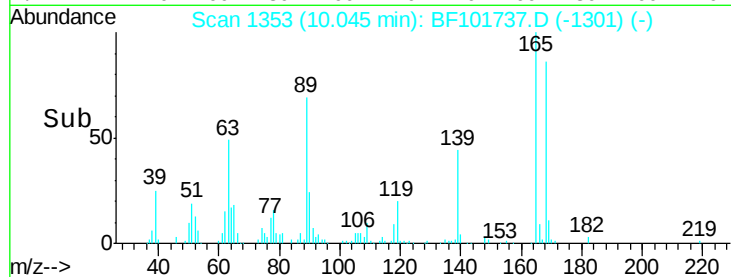
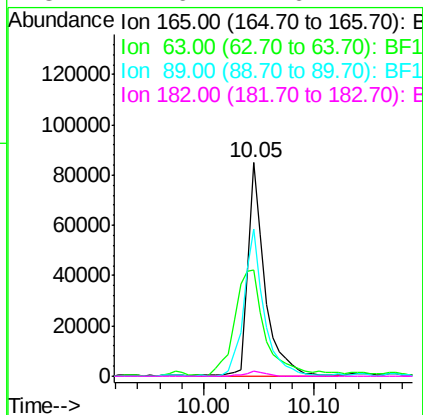
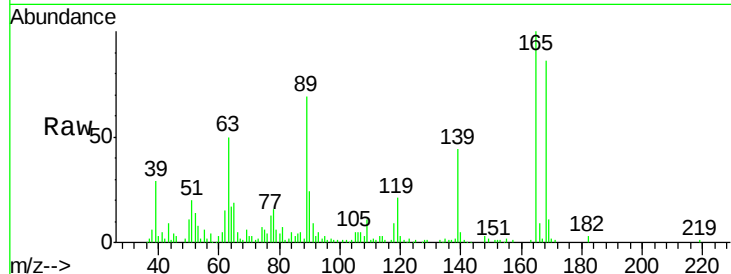
#56
2,4-Dinitrotoluene
Concen: 26.685 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	92430		
63	49.9	36.4	54.6	
89	68.9	57.8	86.6	
182	2.6	1.6	2.4	

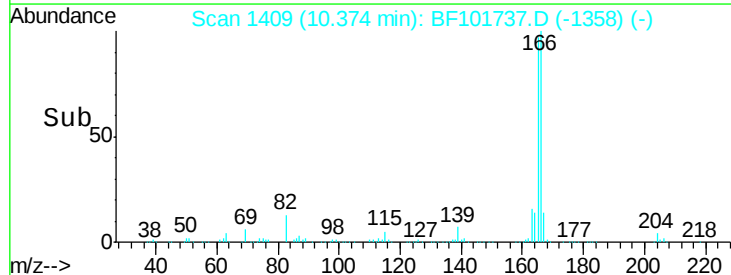
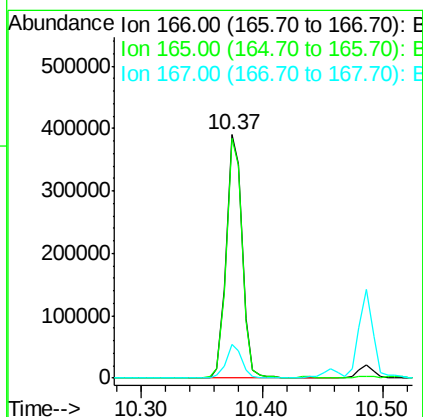
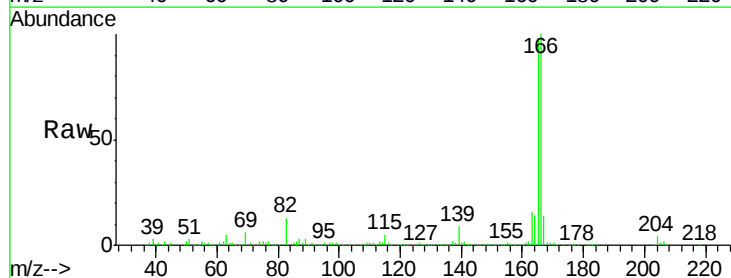
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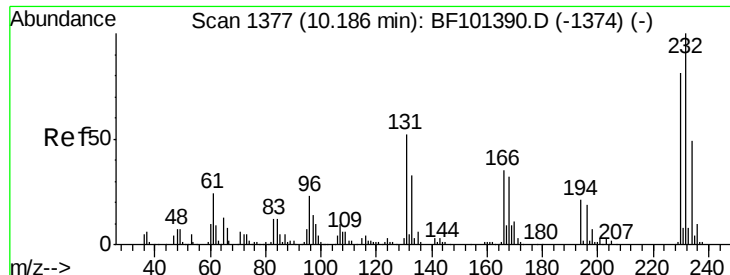
Sohil
12/27/2017 4:15:14 PM



#57
Fluorene
Concen: 27.532 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	358423		
165	98.4	79.8	119.8	
167	13.8	10.6	16.0	





#58

2,3,4,6-Tetrachlorophenol

Concen: 13.569 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

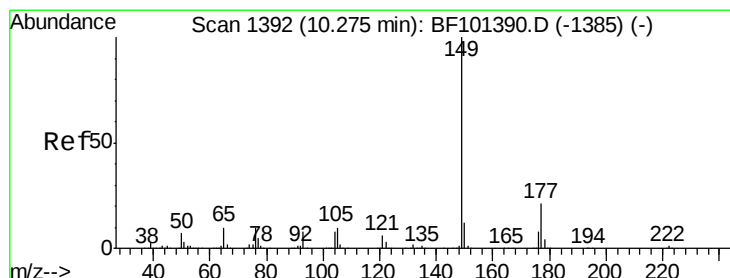
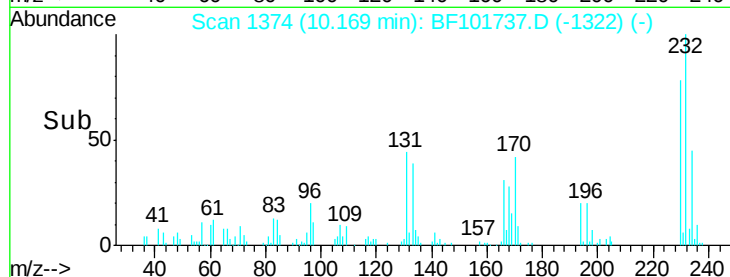
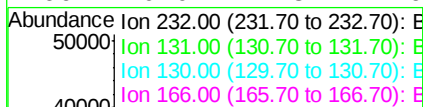
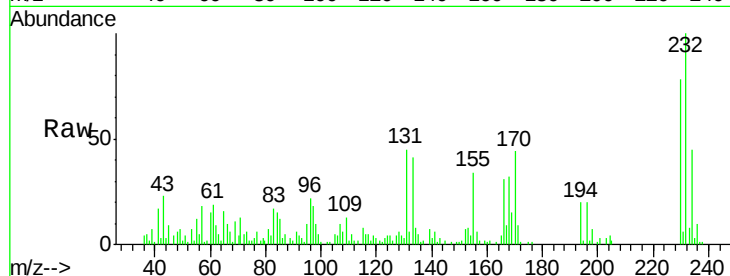
ClientSampleId :

HALSTED-WWMSD

Tgt Ion:	232	Resp:	40803
Ion Ratio	Lower	Upper	
232	100		
131	47.2	43.8	65.8
130	3.5	2.1	3.1#
166	0.0	27.8	41.6#

Manual Integrations
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#59

Diethylphthalate

Concen: 25.907 ng

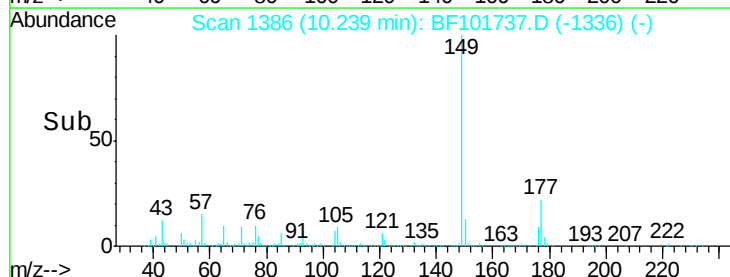
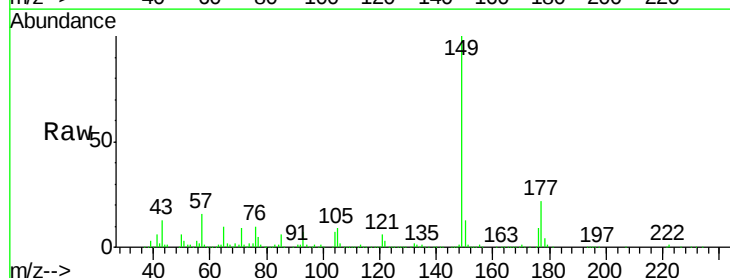
RT: 10.24 min Scan# 1386

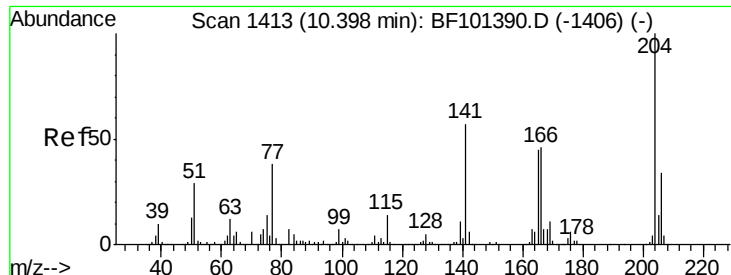
Delta R.T. -0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion:	149	Resp:	388083
Ion Ratio	Lower	Upper	
149	100		
177	22.4	16.1	24.1
150	12.8	10.1	15.1





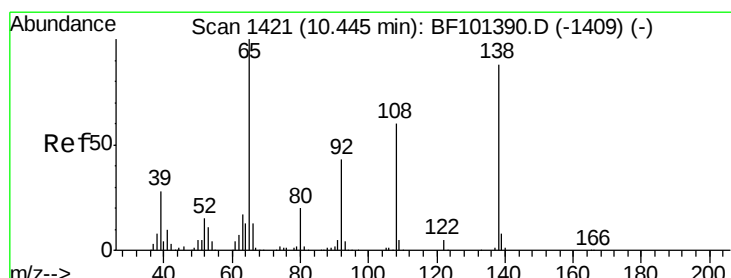
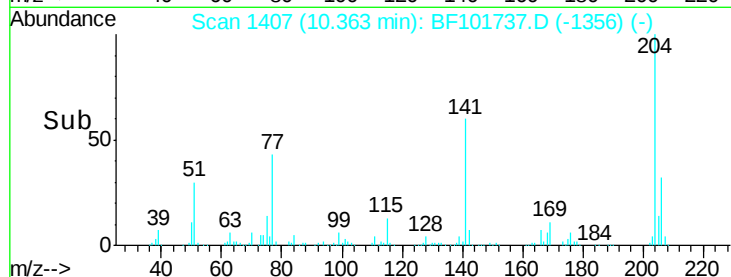
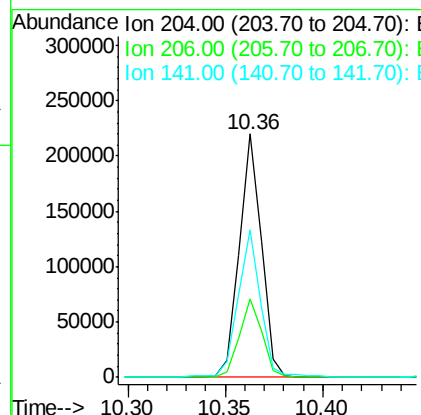
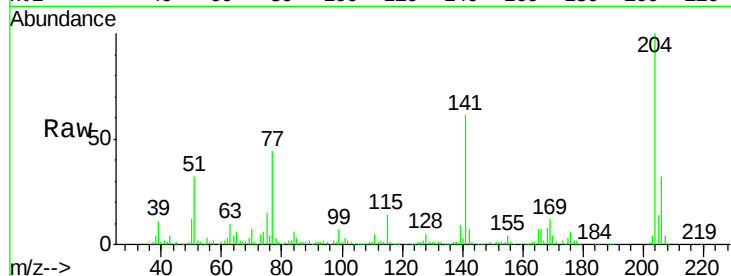
#60
 4-Chlorophenyl-phenylether
 Concen: 27.725 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tgt Ion:	204	Resp:	172985
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.5	39.7
141	60.5	54.6	81.8

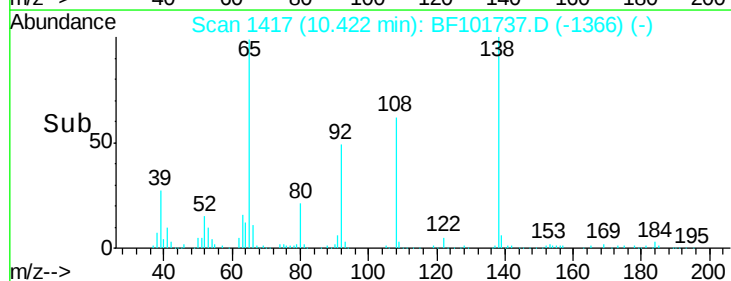
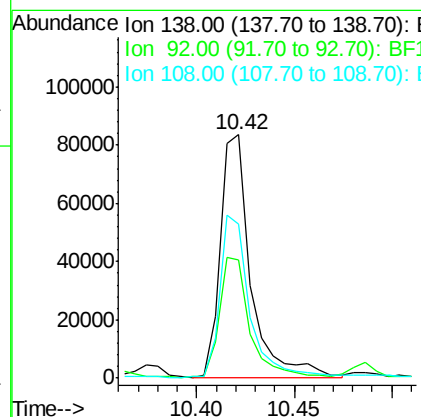
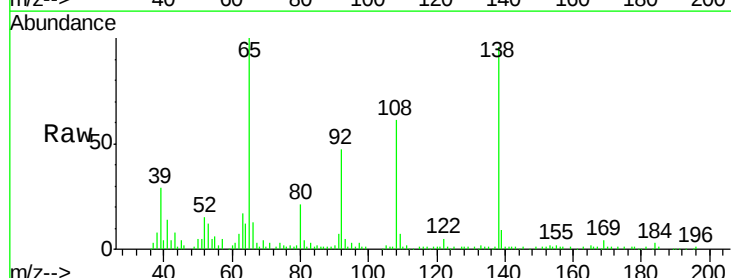
Manual Integrations
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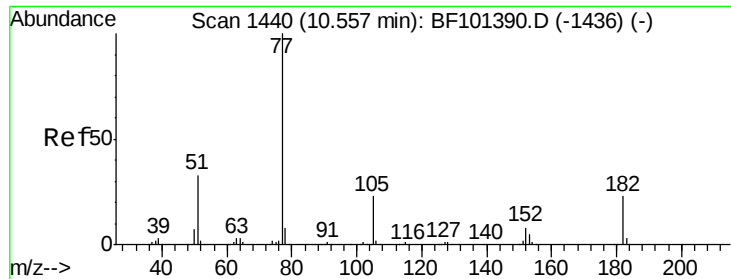
Sohil
 12/27/2017 4:15:14 PM



#61
 4-Nitroaniline
 Concen: 23.682 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion:	138	Resp:	91240
Ion Ratio	Lower	Upper	
138	100		
92	48.6	30.2	70.2
108	63.3	52.5	92.5





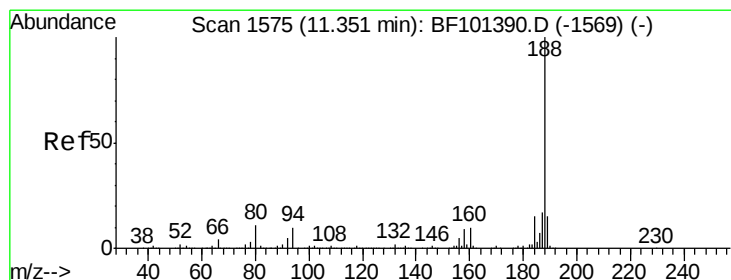
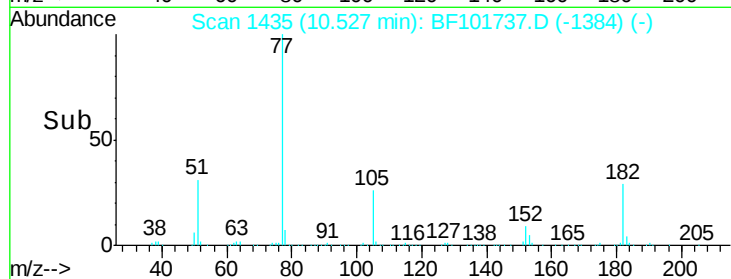
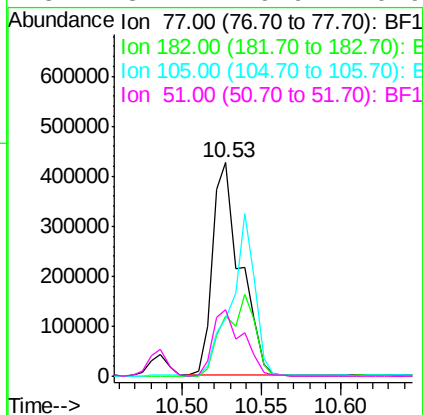
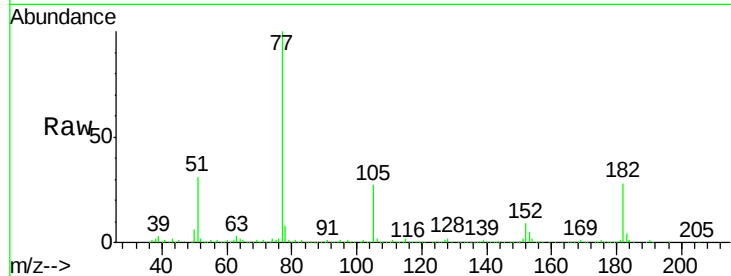
#62
Azobenzene
Concen: 33.700 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	1.7	41.7
105	27.2	3.0	43.0
51	31.2	9.9	49.9

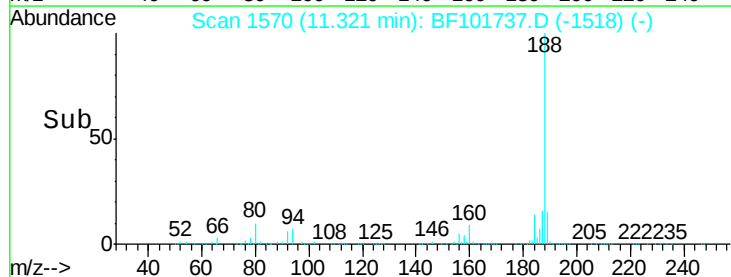
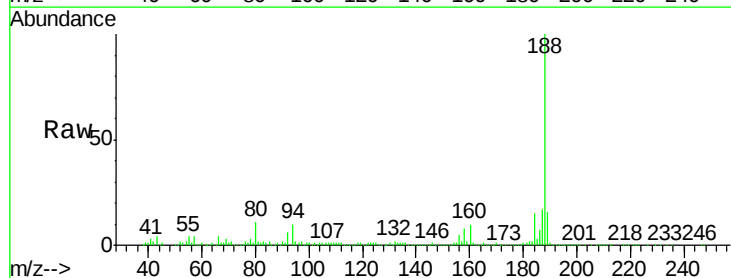
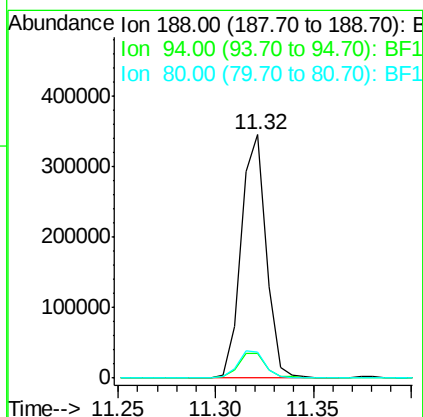
Manual Integrations
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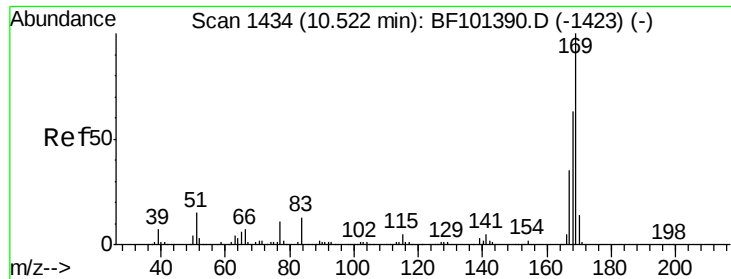
Sohil
12/27/2017 4:15:14 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.9	9.2	13.8





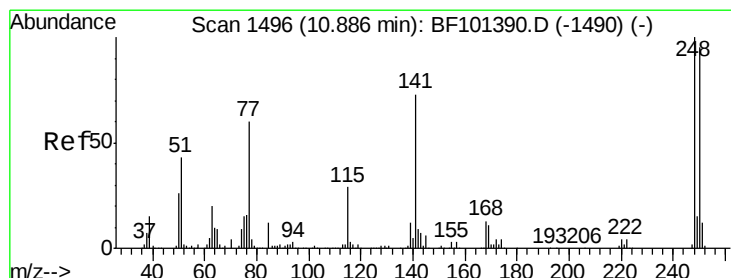
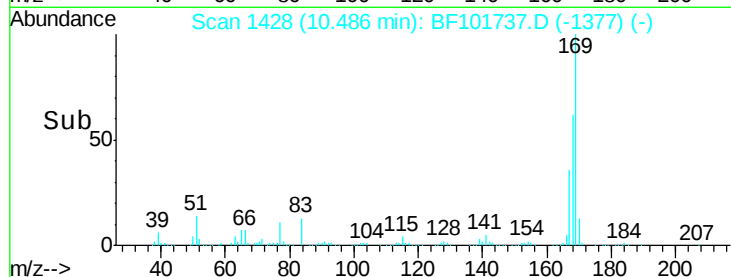
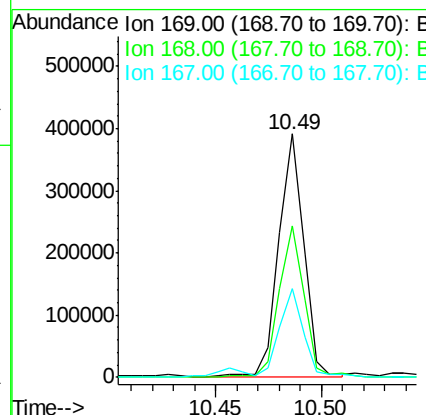
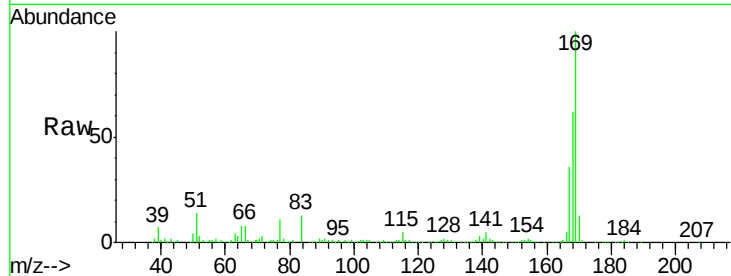
#65
n-Nitrosodiphenylamine
Concen: 28.486 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	323075		
168	62.4	54.4	81.6	
167	36.2	29.8	44.6	

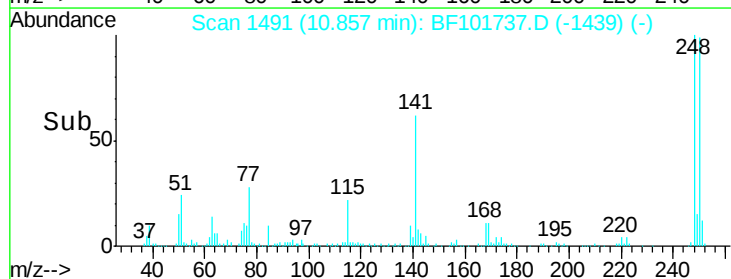
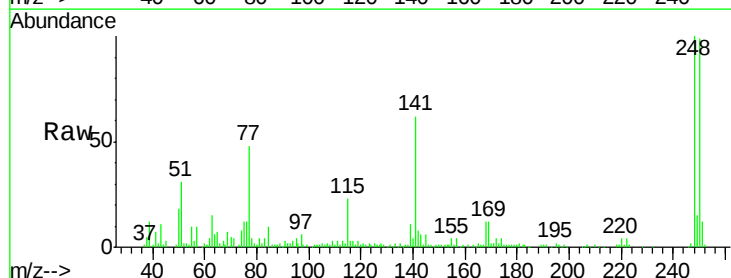
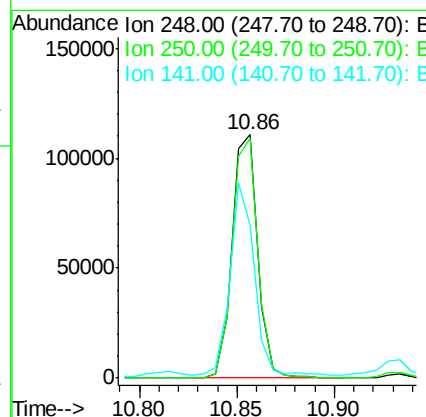
Manual Integrations
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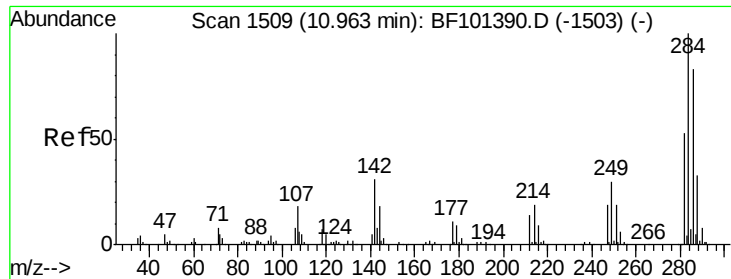
Sohil
12/27/2017 4:15:14 PM



#66
4-Bromophenyl-phenylether
Concen: 29.081 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	100366		
250	98.7	76.9	115.3	
141	62.5	74.4	111.6#	





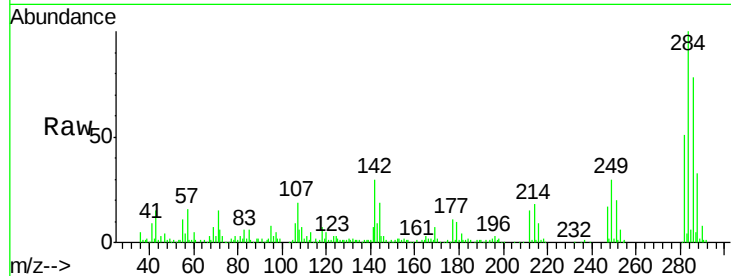
#67
Hexachlorobenzene
Concen: 27.787 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

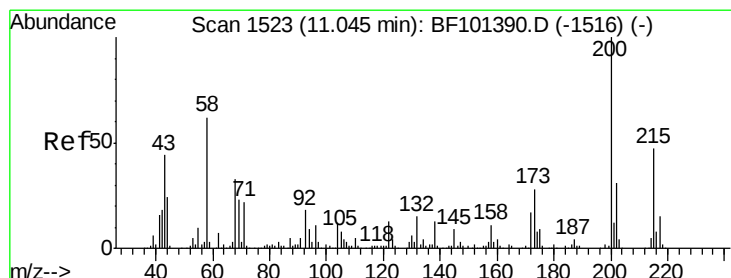
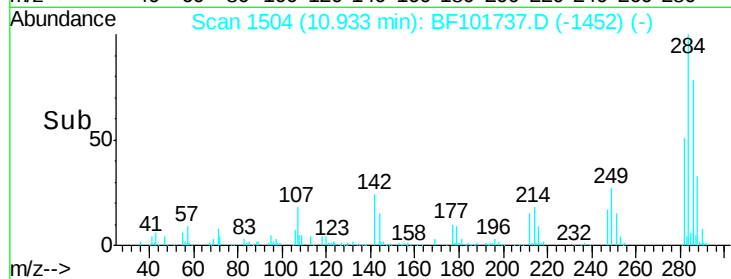
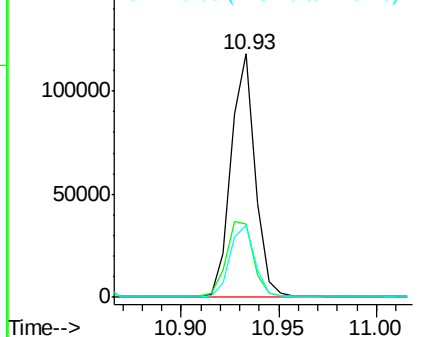
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	30.1	34.6	52.0#
249	29.5	24.8	37.2

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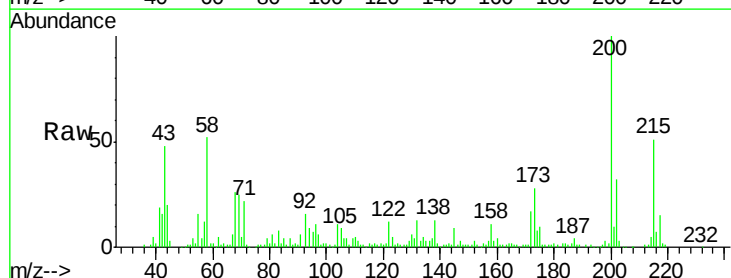


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

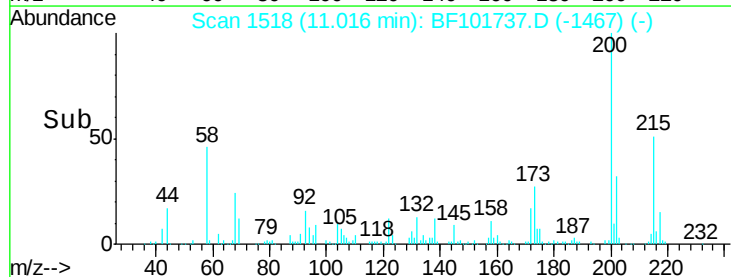
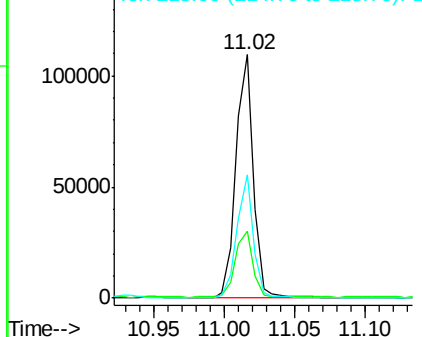


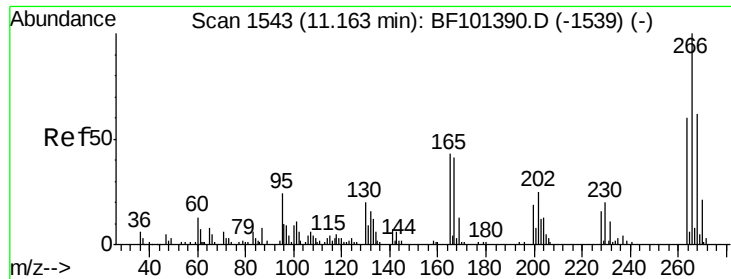
#68
Atrazine
Concen: 27.949 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.6	8.6	48.6
215	50.5	25.1	65.1



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





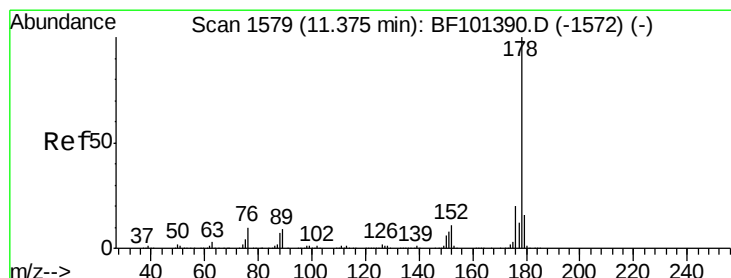
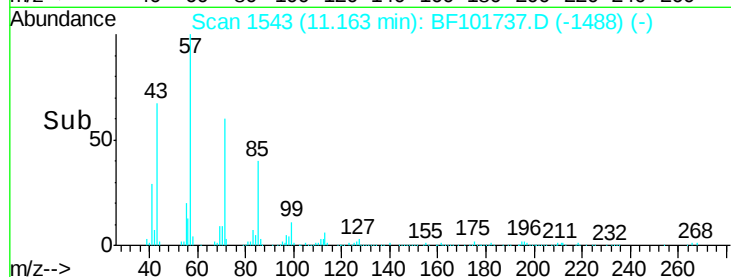
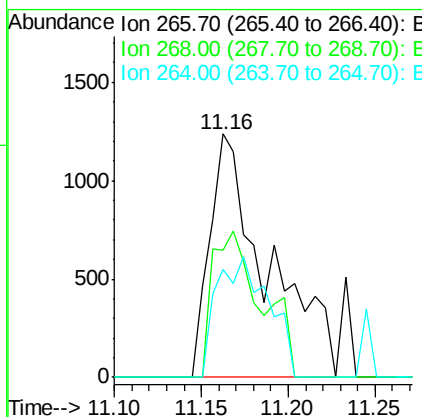
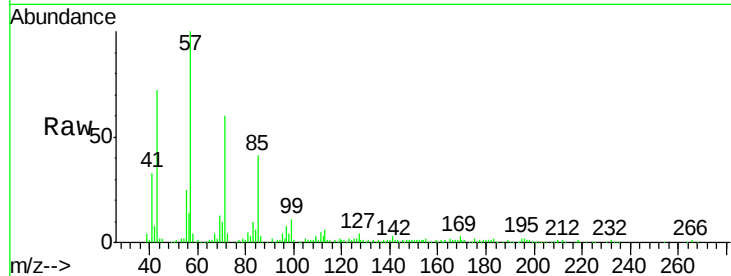
#69
 Pentachlorophenol
 Concen: 8.410 ng m
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.02 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	52.4	51.1	76.7
264	44.6	49.5	74.3

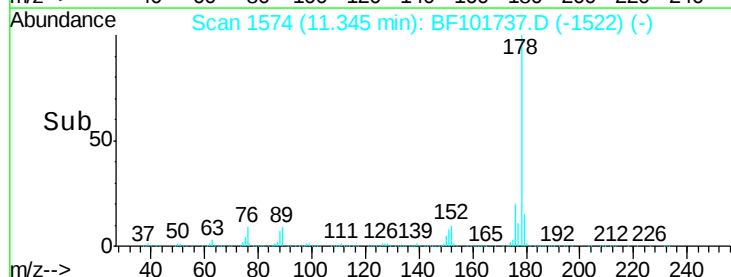
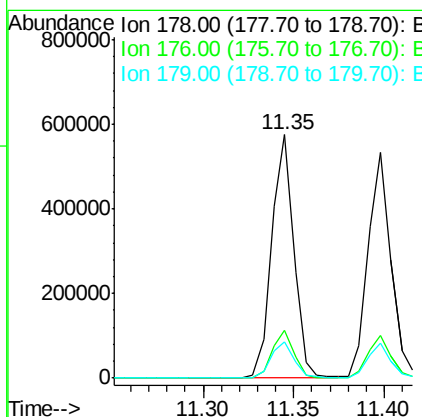
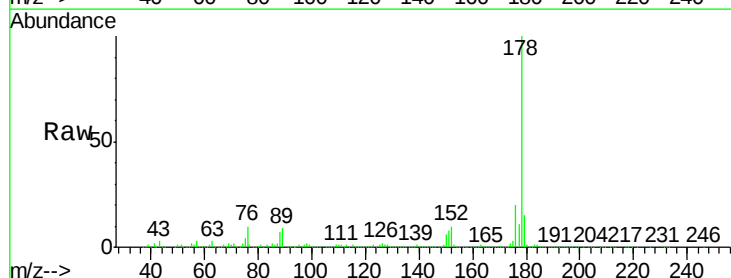
Manual Integrations
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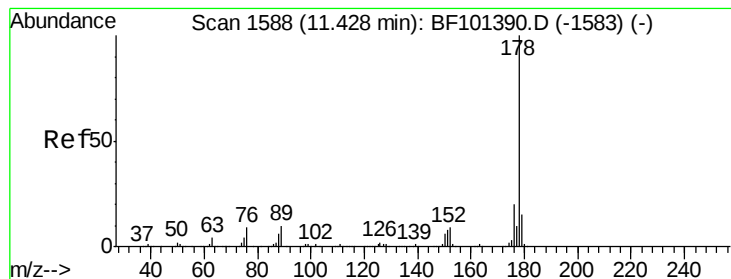
Sohil
 12/27/2017 4:15:14 PM



#70
 Phenanthrene
 Concen: 28.499 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.9	13.0	19.6





#71

Anthracene

Concen: 27.210 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF101737.D

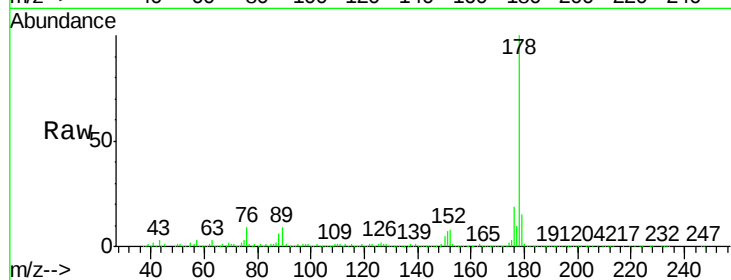
Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

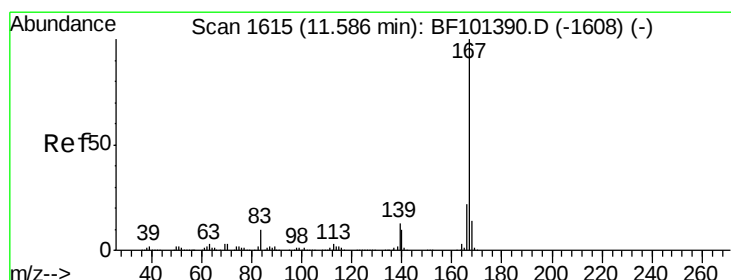
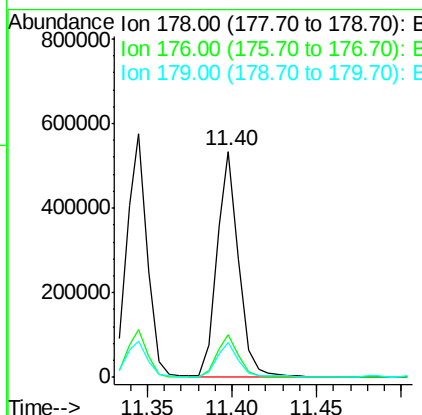
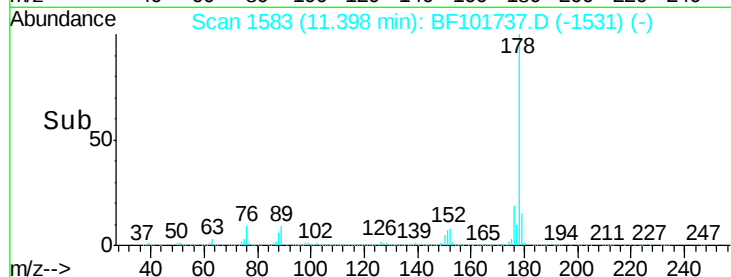
HALSTED-WWMSD



Tgt Ion:	178	Resp:	474769
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.4	23.2
179	15.5	12.6	19.0

Manual Integrations
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12/27/2017 4:15:14 PM



#72

Carbazole

Concen: 25.379 ng

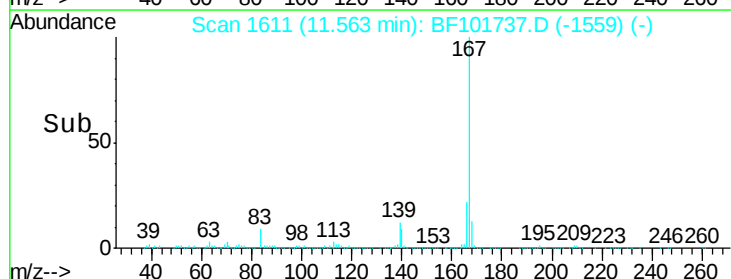
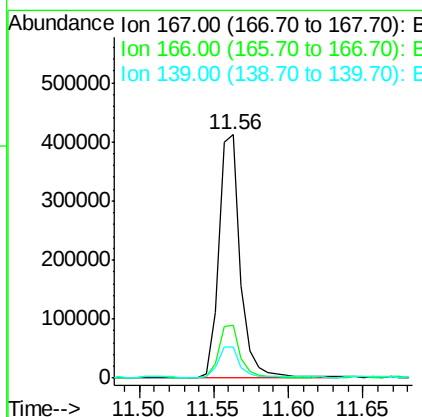
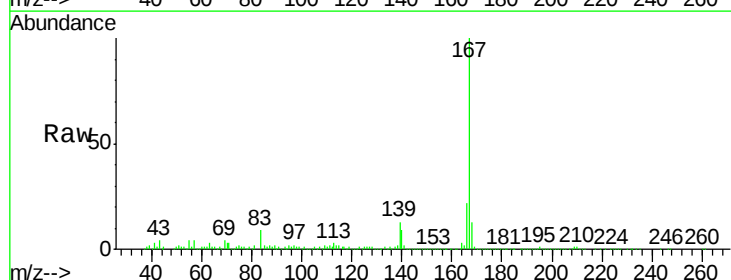
RT: 11.56 min Scan# 1611

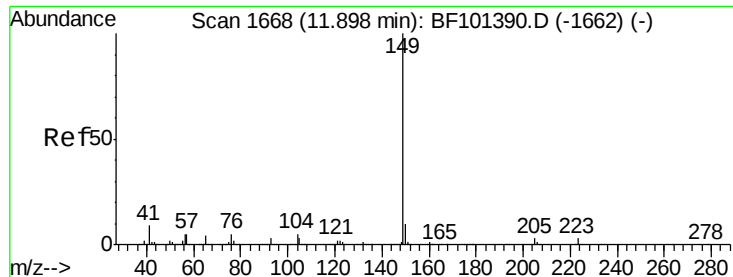
Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion:	167	Resp:	414586
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.6	26.4
139	12.7	10.9	16.3





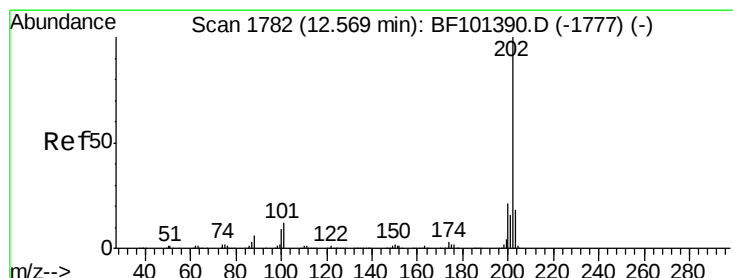
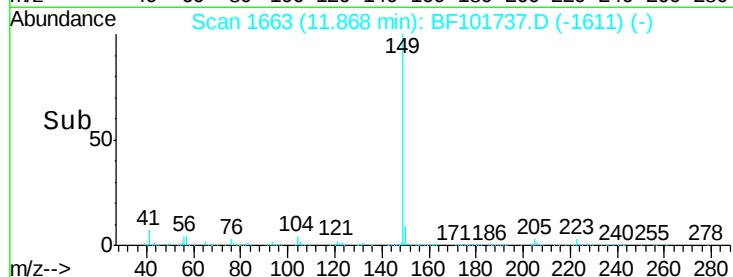
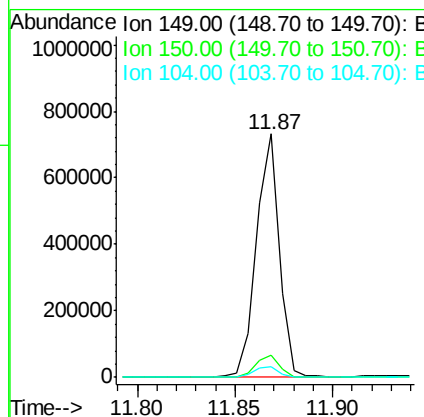
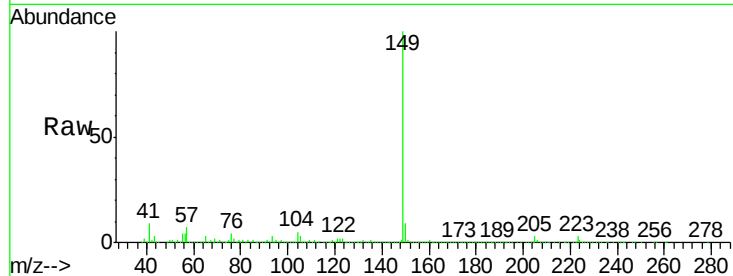
#73
Di-n-butylphthalate
Concen: 29.790 ng
RT: 11.87 min Scan# 1663
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.1	7.8	11.6
104	4.6	3.8	5.8

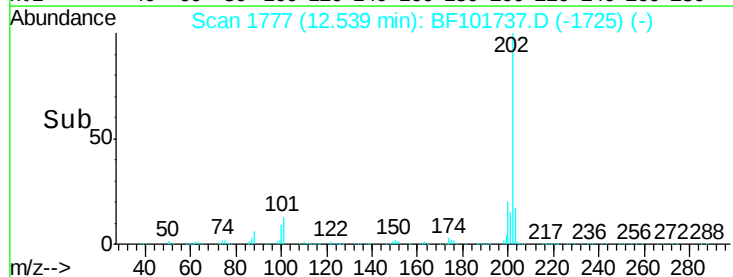
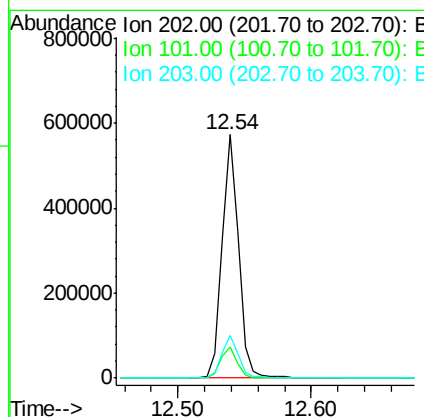
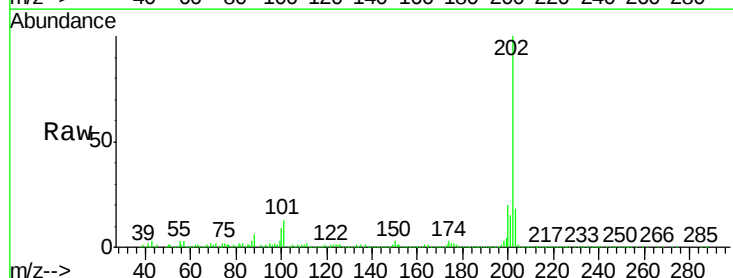
Manual Integrations
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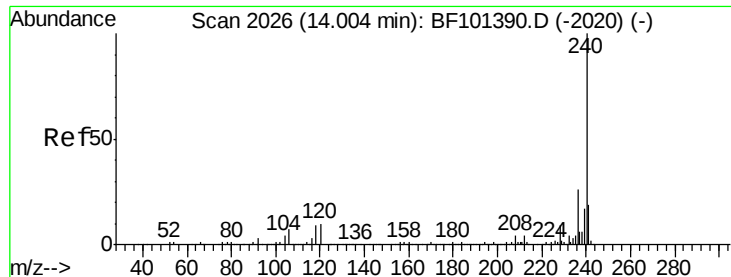
Sohil
12/27/2017 4:15:14 PM



#74
Fluoranthene
Concen: 27.874 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.7	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

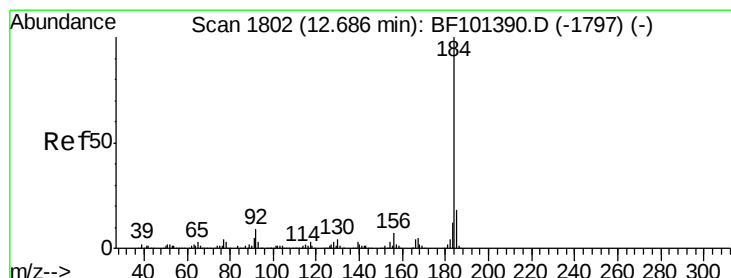
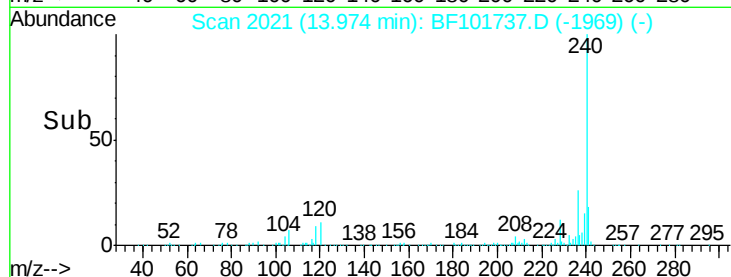
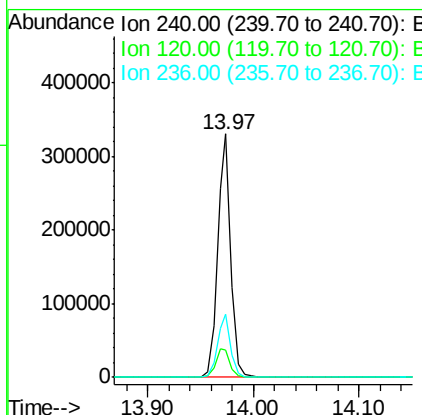
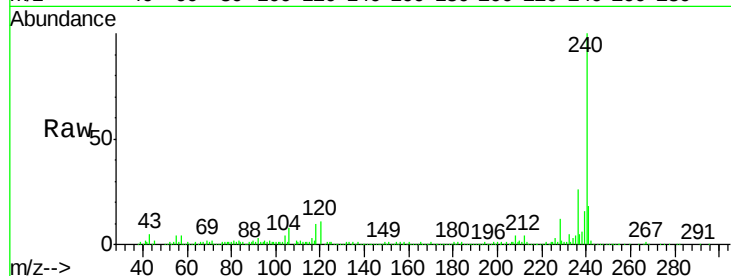
ClientSampleId :

HALSTED-WWMSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	289460		
120	11.1	9.5	14.3	
236	26.0	20.7	31.1	

Manual Integrations
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#76

Benzidine

Concen: 13.413 ng

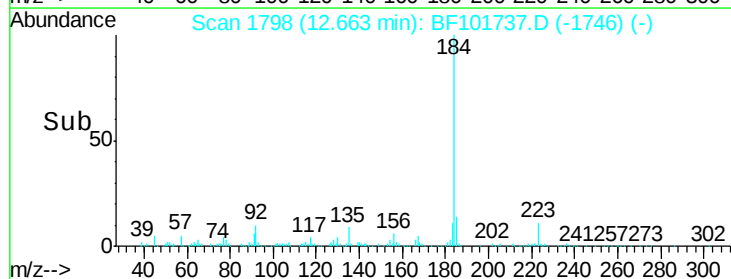
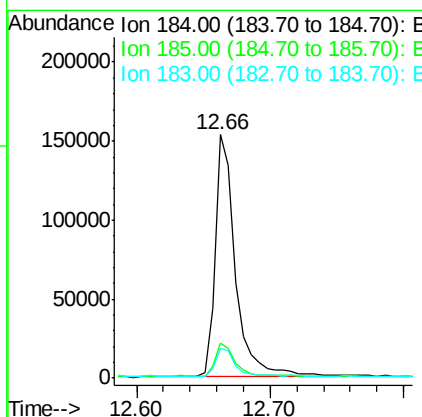
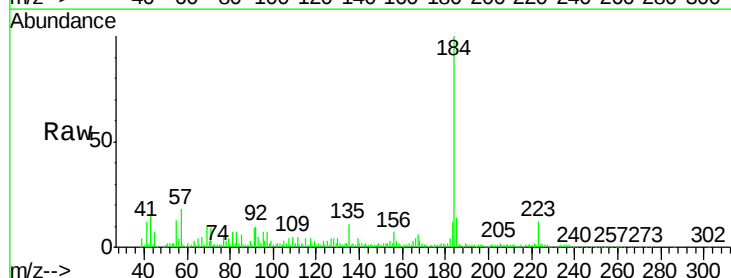
RT: 12.66 min Scan# 1798

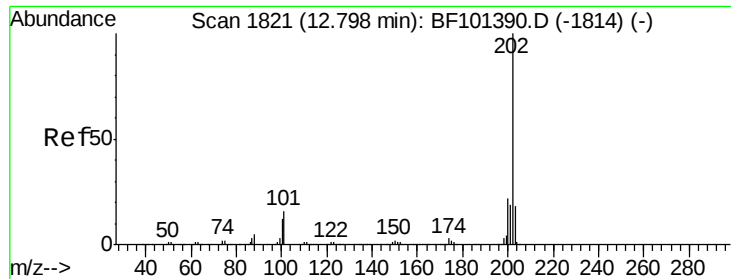
Delta R.T. 0.01 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	163976		
185	14.5	12.6	18.8	
183	12.2	9.3	13.9	





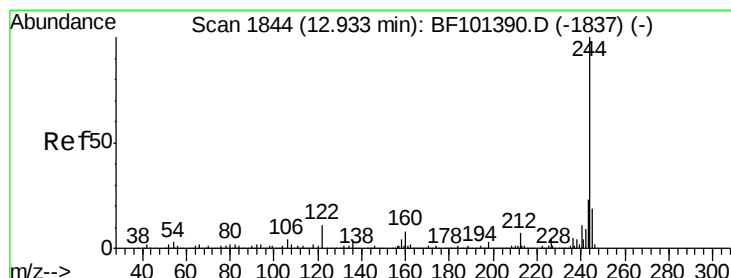
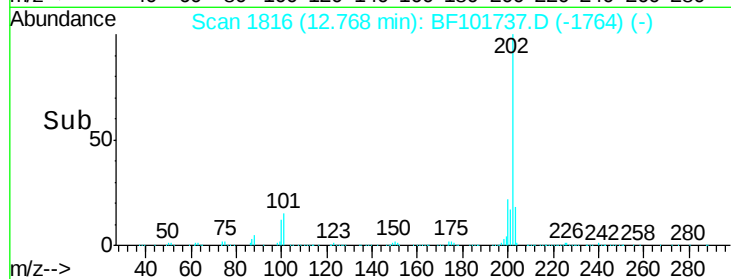
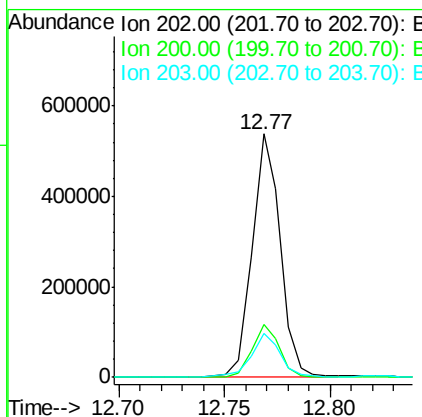
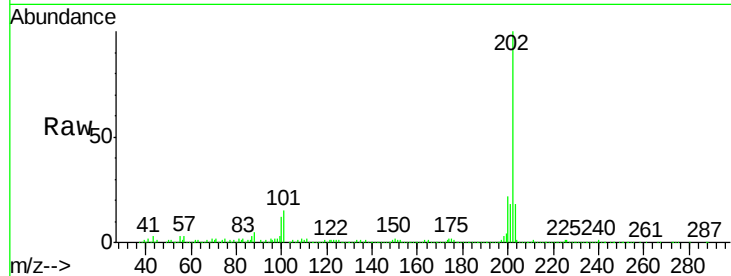
#77
 Pyrene
 Concen: 22.729 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.0	14.3	21.5

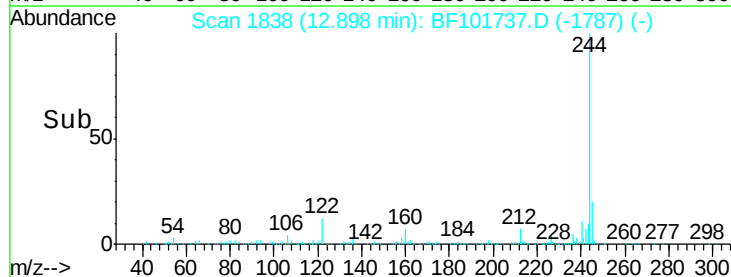
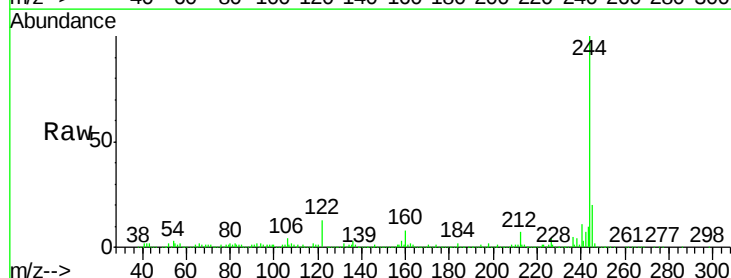
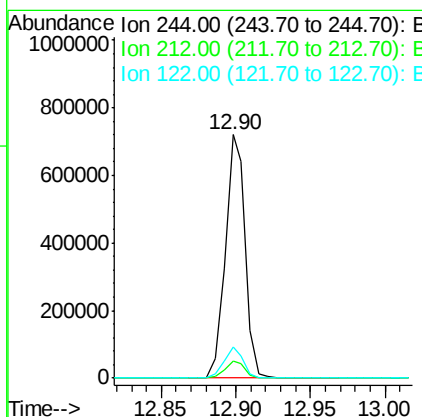
Manual Integrations
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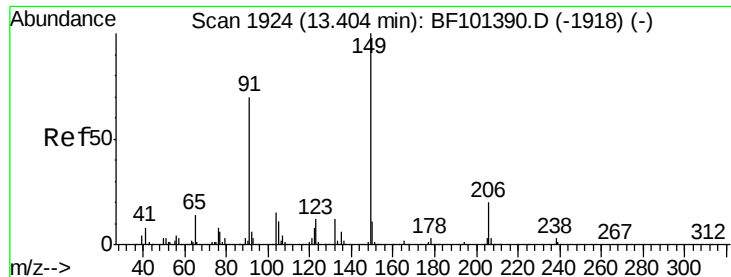
Sohil
 12/27/2017 4:15:14 PM



#78
 Terphenyl-d14
 Concen: 56.381 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.6	11.0	16.4





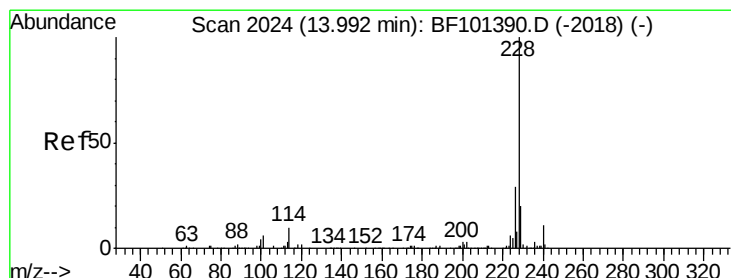
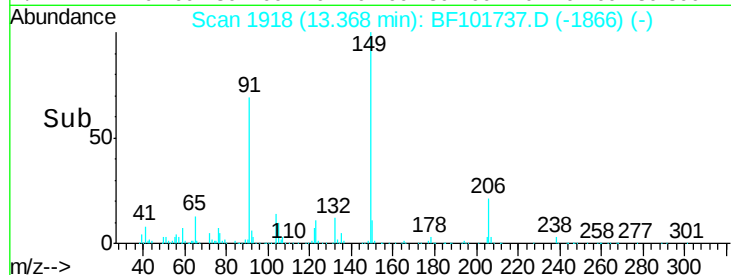
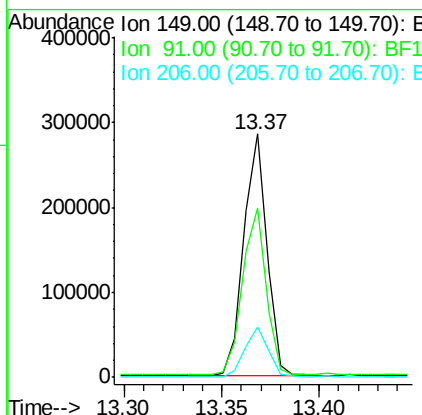
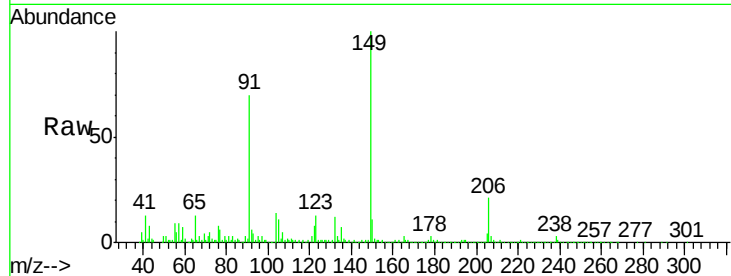
#79
Butylbenzylphthalate
Concen: 23.850 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	69.6	56.8	85.2
206	20.5	14.1	21.1

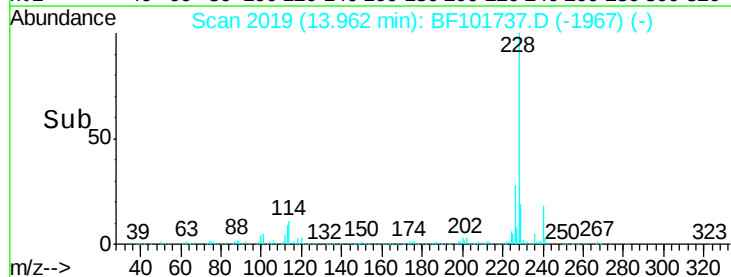
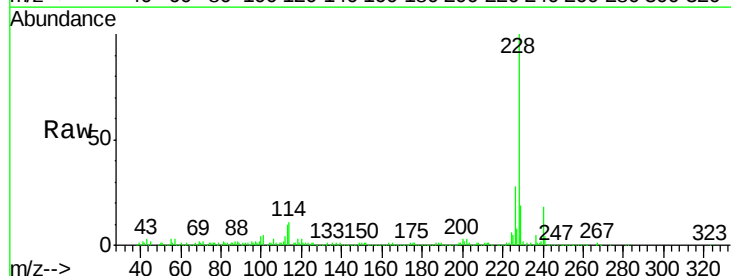
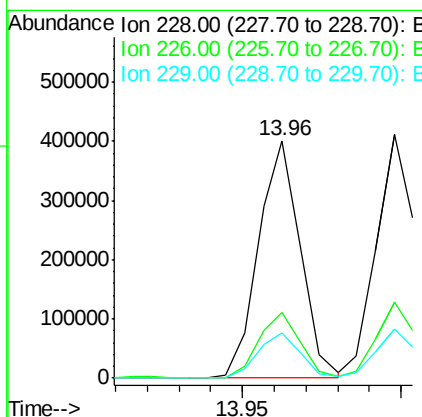
Manual Integrations
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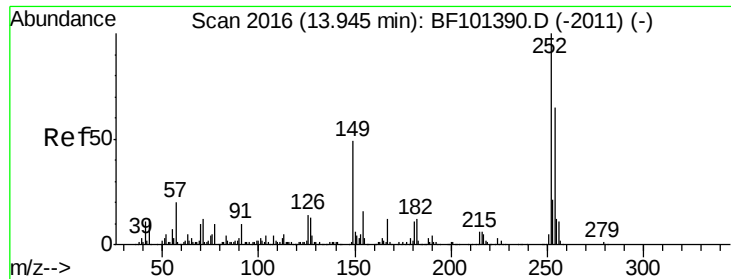
Sohil
12/27/2017 4:15:14 PM



#80
Benzo(a)anthracene
Concen: 19.196 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.7	22.6	33.8
229	19.3	15.8	23.6





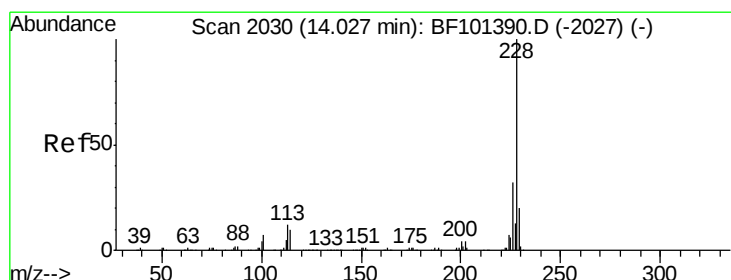
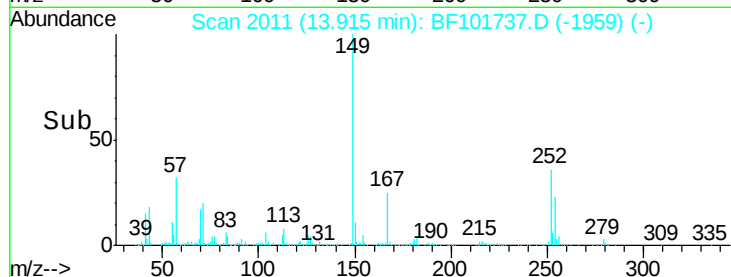
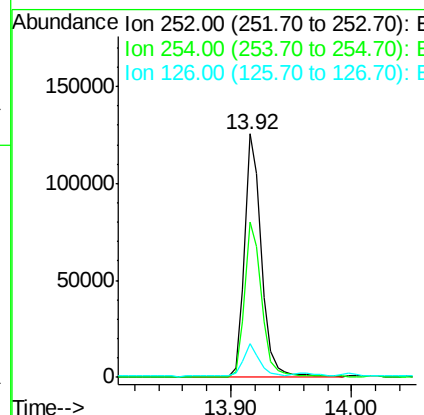
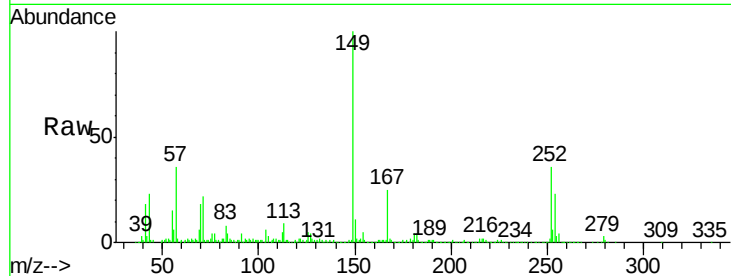
#81
3,3'-Dichlorobenzidine
Concen: 20.050 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.4	75.6
126	13.8	11.3	16.9

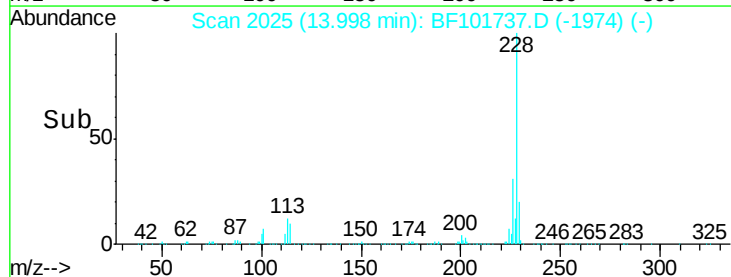
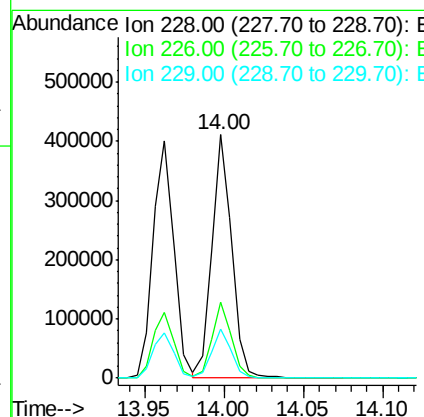
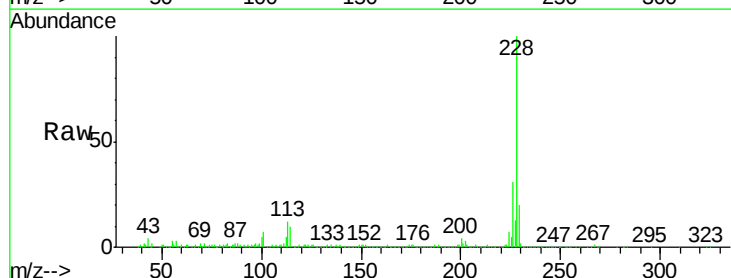
Manual Integrations
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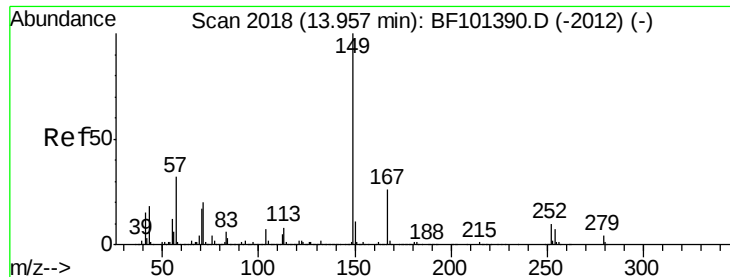
Sohil
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#82
Chrysene
Concen: 20.069 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.0	16.2	24.4





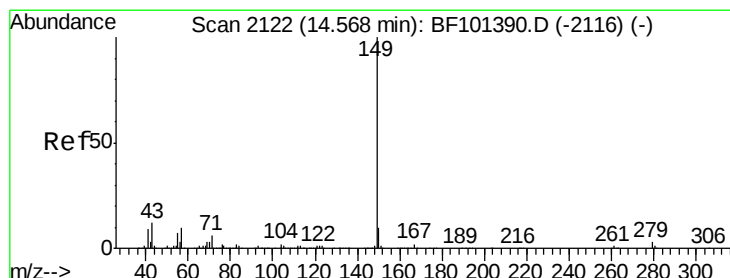
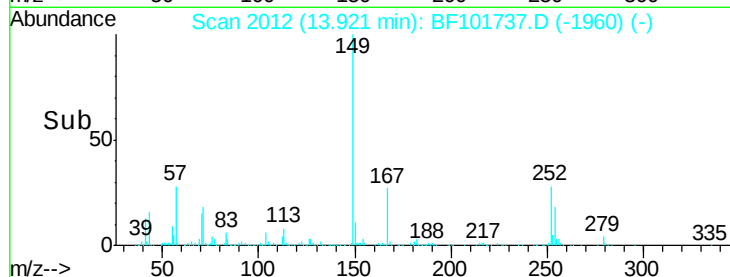
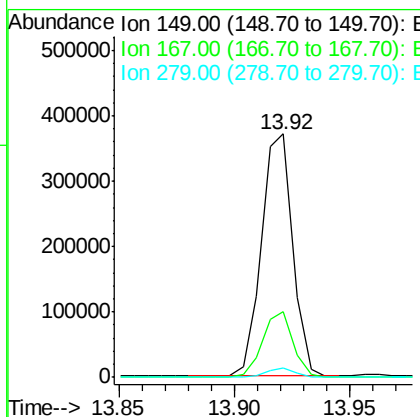
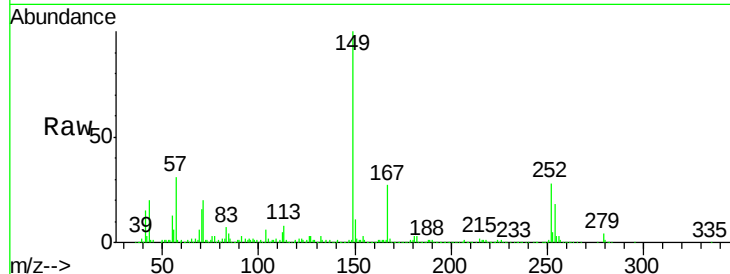
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.231 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	27.1	21.3	31.9
279	3.9	3.0	4.4

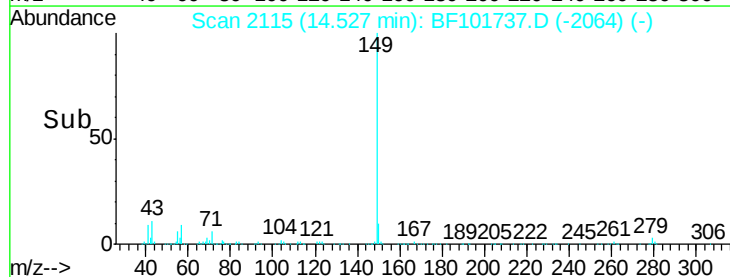
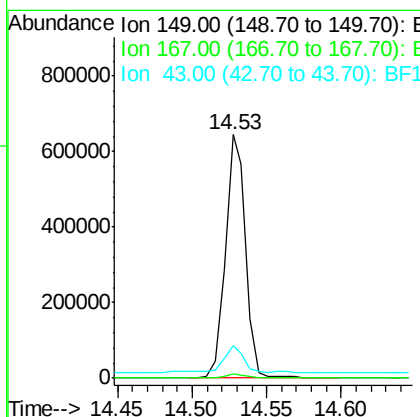
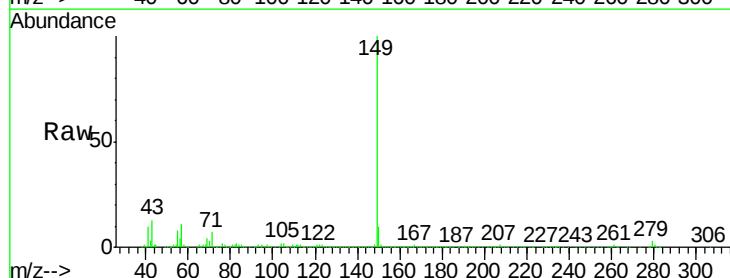
Manual Integrations
 APPROVED

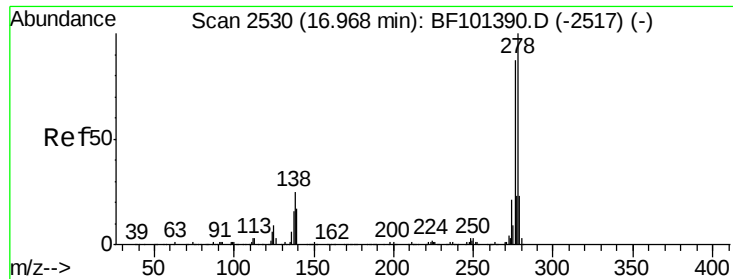
Sohil
 12/27/2017 4:15:14 PM



#84
 Di-n-octyl phthalate
 Concen: 27.324 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	10.0	8.4	12.6





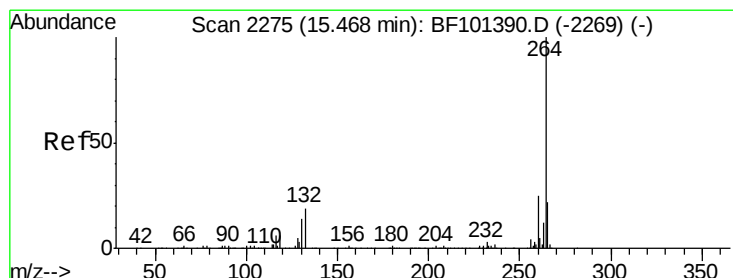
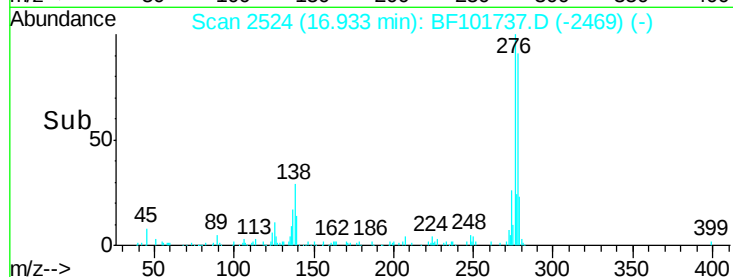
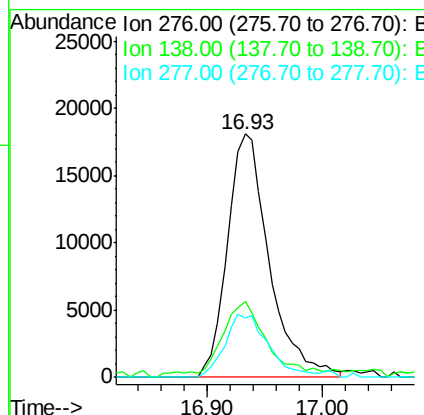
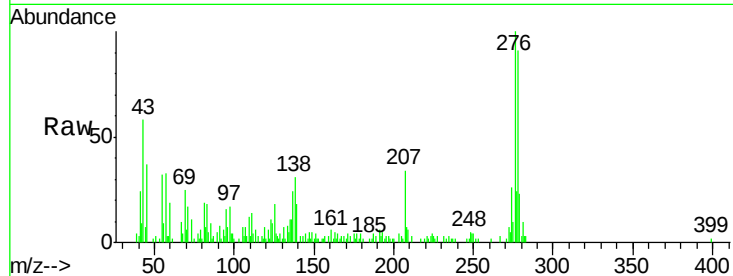
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.823 ng
 RT: 16.93 min Scan# 2524
 Delta R.T. 0.02 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WWMSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	45362		
138	30.2	25.0	37.6	
277	26.9	20.1	30.1	

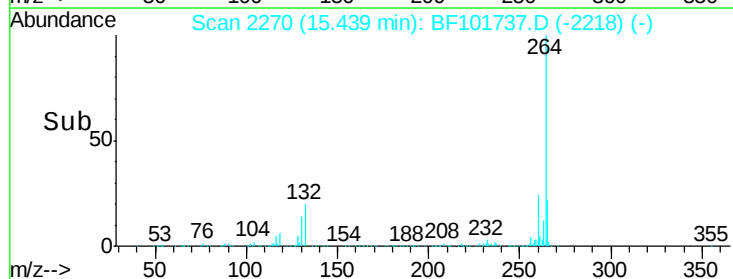
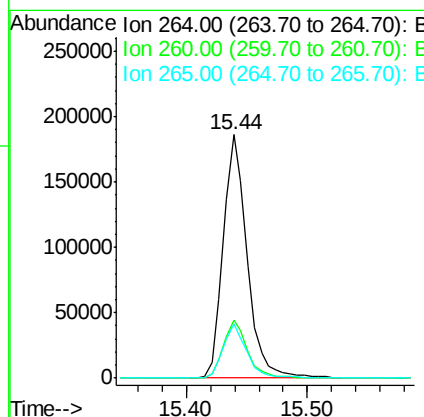
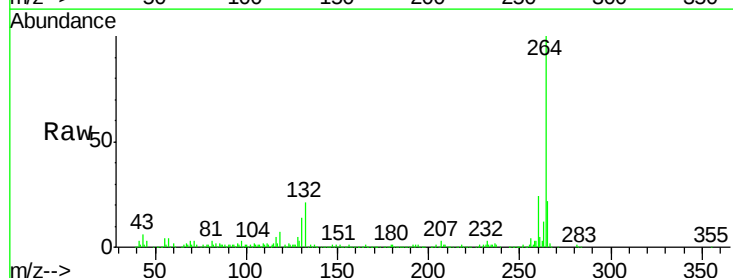
Manual Integrations
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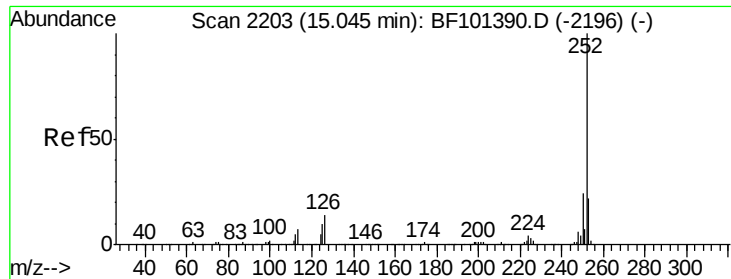
Sohil
 12/27/2017 4:15:14 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF101737.D
 Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	253814		
260	23.8	19.2	28.8	
265	22.3	17.5	26.3	





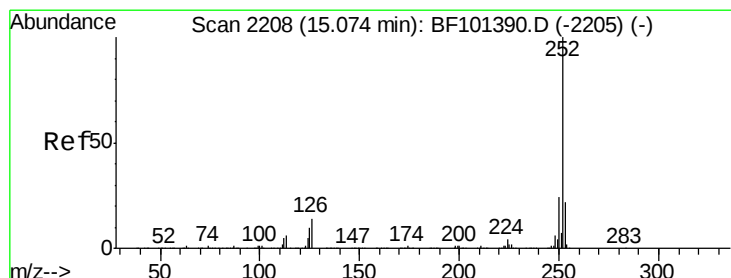
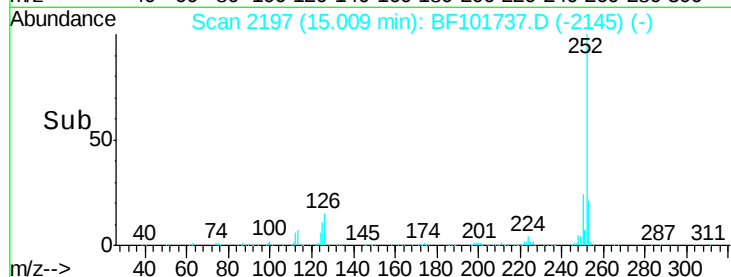
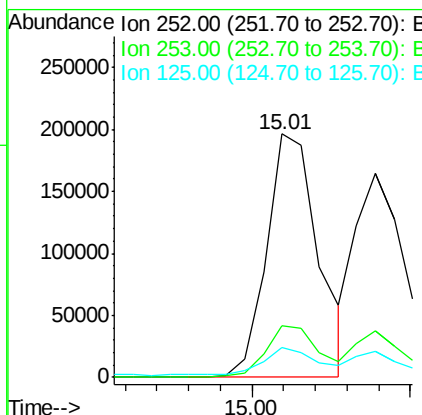
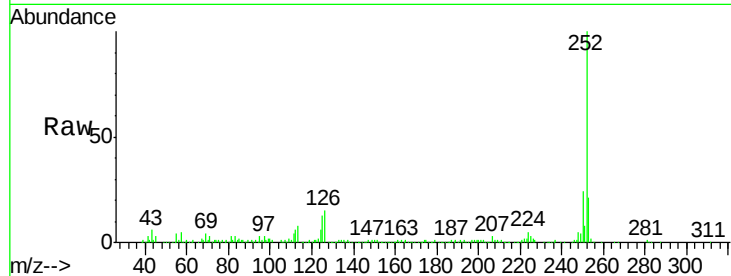
#87
Benzo(b)fluoranthene
Concen: 14.427 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	12.5	9.0	13.6

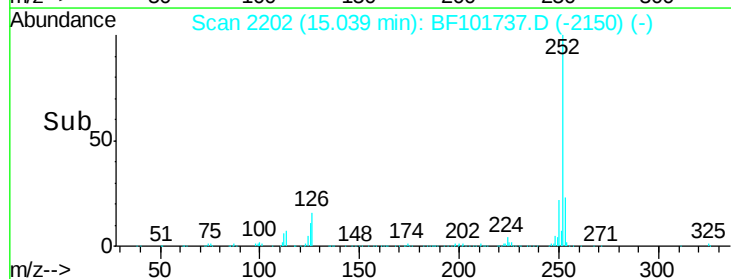
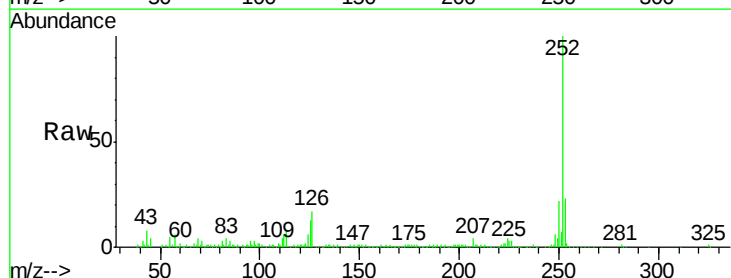
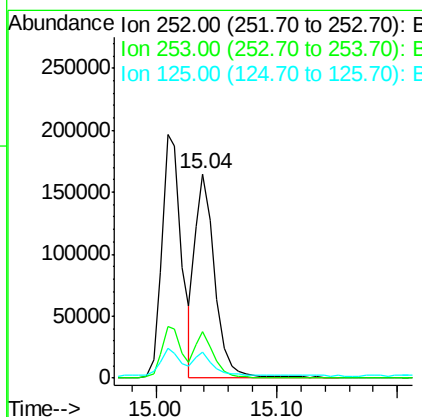
Manual Integrations
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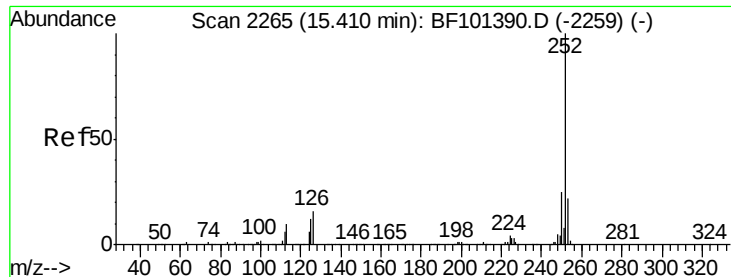
Sohil
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#88
Benzo(k)fluoranthene
Concen: 12.398 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.9	10.2	15.2





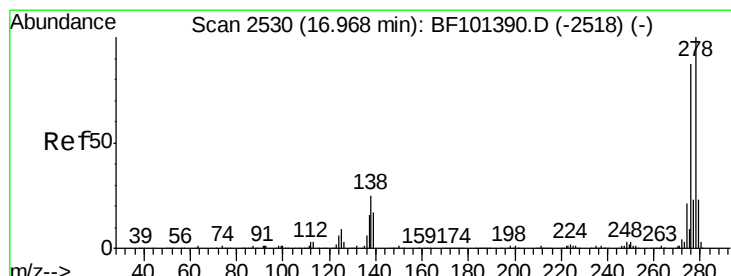
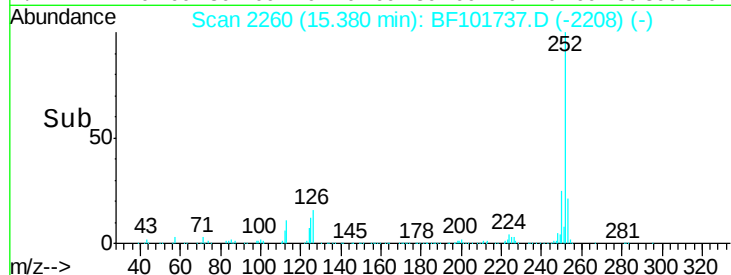
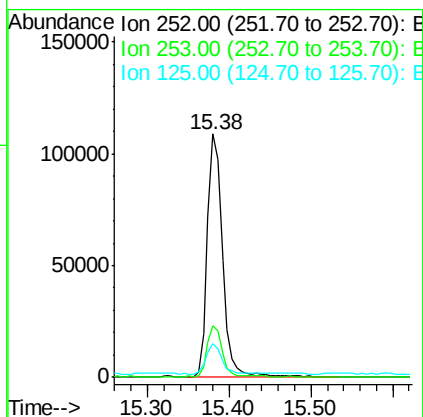
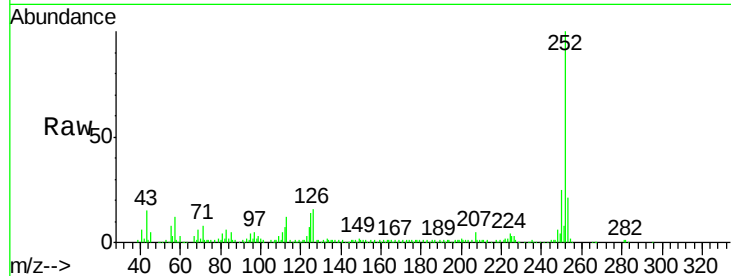
#89
Benzo(a)pyrene
Concen: 10.019 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Instrument :
BNA_F
ClientSampleId :
HALSTED-WWMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	13.7	9.8	14.6

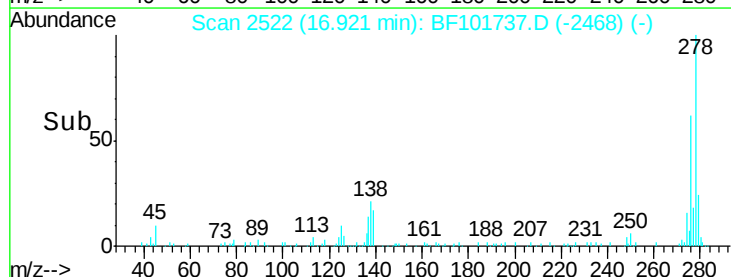
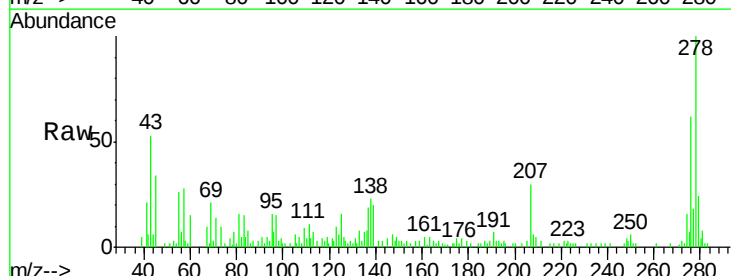
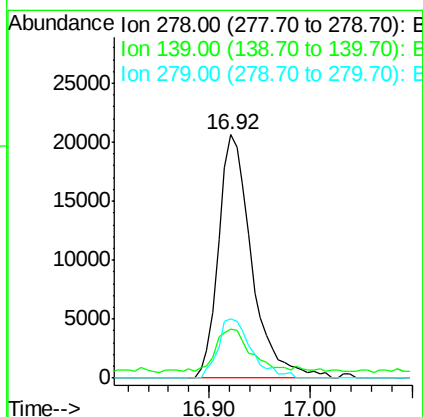
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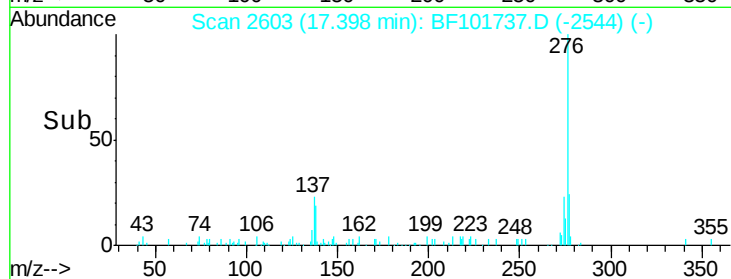
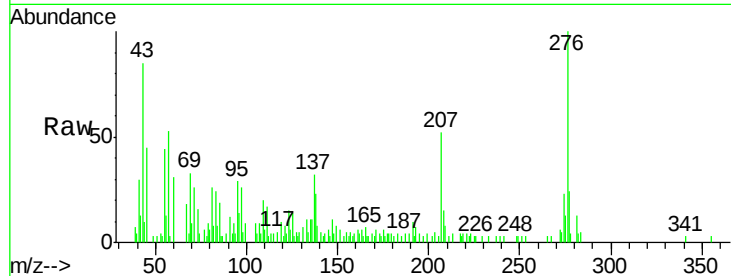
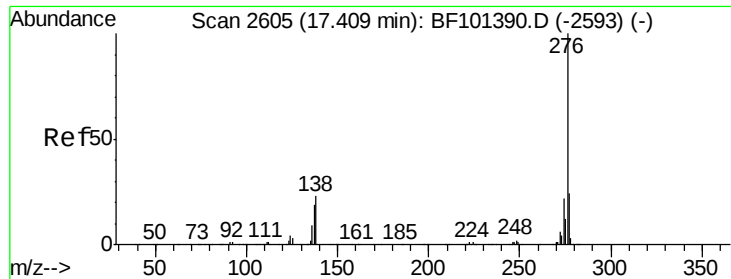
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 3.816 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.02 min
Lab File: BF101737.D
Acq: 27 Dec 2017 2:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.9	23.9
279	24.3	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 2.686 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.05 min

Lab File: BF101737.D

Acq: 27 Dec 2017 2:00

Instrument :

BNA_F

ClientSampleId :

HALSTED-WWMSD

Tgt Ion:	276	Resp:	32566
Ion Ratio	Lower	Upper	
276	100		
277	23.5	17.9	26.9
138	23.1	21.8	32.8

Manual Integrations
APPROVED

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