

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100247.D
 Acq On : 6 Nov 2017 13:07
 Operator : SJ/JU
 Sample : I6092-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:39:37 PM

Quant Time: Nov 07 10:12:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	92690	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	384454	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	183813	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	333448	20.00	ng	0.00
75) Chrysene-d12	13.94	240	233106	20.00	ng	0.00
86) Perylene-d12	15.41	264	69297	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	746680	126.47	ng	0.03
7) Phenol-d6	6.42	99	793472	113.35	ng	0.00
23) Nitrobenzene-d5	7.33	82	514975	86.24	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	209221	124.90	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1036541	87.00	ng	0.00
78) Terphenyl-d14	12.87	244	957090	89.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	92607m	35.520	ng	
3) Pyridine	3.49	79	123779m	19.743	ng	
4) n-Nitrosodimethylamine	3.37	42	80572m	35.972	ng	
6) Aniline	6.46	93	22497m	2.478	ng	
8) 2-Chlorophenol	6.56	128	283025	44.979	ng	90
9) Benzaldehyde	6.36	77	32993	7.887	ng	86
10) Phenol	6.43	94	273132	35.536	ng	90
11) bis(2-Chloroethyl)ether	6.50	93	260536	43.896	ng	91
12) 1,3-Dichlorobenzene	6.70	146	306370m	43.363	ng	
13) 1,4-Dichlorobenzene	6.77	146	320525	44.700	ng	97
14) 1,2-Dichlorobenzene	6.93	146	288041	44.076	ng	97
15) Benzyl Alcohol	6.93	79	123104	27.651	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.03	45	321917	48.825	ng	72
17) 2-Methylphenol	7.03	107	223280	42.421	ng	# 90
18) Hexachloroethane	7.26	117	103475	43.254	ng	96
19) n-Nitroso-di-n-propylamine	7.18	70	180145	43.912	ng	# 87
20) 3+4-Methylphenols	7.20	107	300957	49.107	ng	96
22) Acetophenone	7.18	105	386877	44.196	ng	# 90
24) Nitrobenzene	7.35	77	268921	44.694	ng	92
25) Isophorone	7.59	82	509578	47.027	ng	98
26) 2-Nitrophenol	7.67	139	163960	47.577	ng	# 85
27) 2,4-Dimethylphenol	7.71	122	258303	50.870	ng	94
28) bis(2-Chloroethoxy)methane	7.79	93	292238	38.509	ng	99
29) 2,4-Dichlorophenol	7.92	162	259495	49.195	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	247133	43.849	ng	99
31) Naphthalene	8.06	128	835177	45.004	ng	99
32) Benzoic acid	7.89	122	165184	36.959	ng	88
33) 4-Chloroaniline	8.17	127	15769	2.058	ng	# 75
34) Hexachlorobutadiene	8.16	225	125818	43.401	ng	100
35) Caprolactam	8.52	113	59242m	35.714	ng	
36) 4-Chloro-3-methylphenol	8.63	107	248238	46.108	ng	92
37) 2-Methylnaphthalene	8.75	142	578826	46.543	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	240362	40.487	ng	98
40) Hexachlorocyclopentadiene	8.89	237	58346	54.191	ng	98

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 STRAIGHT-PATH-EAST-COMP(0-3)

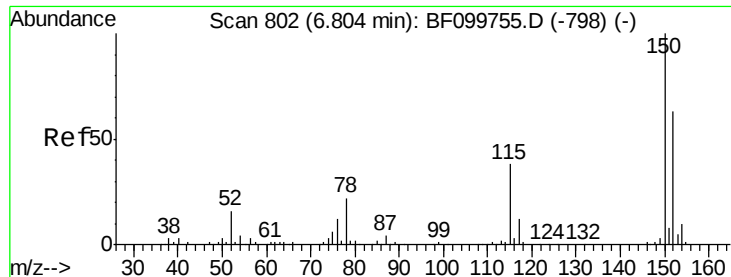
Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:39:37 PM

Quant Time: Nov 07 10:12:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	162718	45.313	ng	99
43) 2,4,5-Trichlorophenol	9.10	196	155866	40.902	ng	# 93
45) 1,1'-Biphenyl	9.22	154	695405	41.820	ng	97
46) 2-Chloronaphthalene	9.25	162	544780	45.112	ng	96
47) 2-Nitroaniline	9.36	65	119128	37.586	ng	# 83
48) Acenaphthylene	9.66	152	784576	42.182	ng	100
49) Dimethylphthalate	9.53	163	616451	42.349	ng	98
50) 2,6-Dinitrotoluene	9.60	165	141862	46.358	ng	# 82
51) Acenaphthene	9.83	154	494613	43.521	ng	98
52) 3-Nitroaniline	9.80	138	18649	5.172	ng	# 92
53) 2,4-Dinitrophenol	9.91	184	126310	102.776	ng	# 78
54) Dibenzofuran	10.00	168	741246	46.205	ng	100
55) 4-Nitrophenol	9.97	139	67315m	35.730	ng	
56) 2,4-Dinitrotoluene	10.02	165	195298	52.994	ng	# 76
57) Fluorene	10.35	166	588543	44.309	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	125710	47.050	ng	91
59) Diethylphthalate	10.22	149	603872	42.481	ng	98
60) 4-Chlorophenyl-phenylether	10.33	204	271924	43.499	ng	93
61) 4-Nitroaniline	10.40	138	52041	15.128	ng	82
62) Azobenzene	10.50	77	498145	41.804	ng	86
64) 4,6-Dinitro-2-methylphenol	10.43	198	87205	41.604	ng	# 74
65) n-Nitrosodiphenylamine	10.46	169	185352	15.058	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	157402	44.839	ng	94
67) Hexachlorobenzene	10.90	284	159994	44.550	ng	95
68) Atrazine	10.99	200	17389	4.703	ng	95
69) Pentachlorophenol	11.11	266	117421	76.517	ng	98
70) Phenanthrene	11.32	178	831479	44.185	ng	98
71) Anthracene	11.37	178	855690	44.797	ng	99
72) Carbazole	11.53	167	246352	13.715	ng	97
73) Di-n-butylphthalate	11.84	149	949904	41.461	ng	# 98
74) Fluoranthene	12.51	202	846846	43.303	ng	98
77) Pyrene	12.74	202	832756	46.981	ng	99
79) Butylbenzylphthalate	13.34	149	386802	44.315	ng	87
80) Benzo(a)anthracene	13.93	228	648472	43.883	ng	98
82) Chrysene	13.97	228	652426	46.962	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	541871	44.207	ng	100
84) Di-n-octyl phthalate	14.50	149	868058	41.261	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.87	276	394592	30.939	ng	96
87) Benzo(b)fluoranthene	14.98	252	499087	114.057	ng	98
88) Benzo(k)fluoranthene	15.01	252	522041	126.518	ng	98
89) Benzo(a)pyrene	15.34	252	406460	103.407	ng	97
90) Dibenzo(a,h)anthracene	16.86	278	366122	104.826	ng	98
91) Benzo(g,h,i)perylene	17.32	276	327366	95.804	ng	97

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



#1

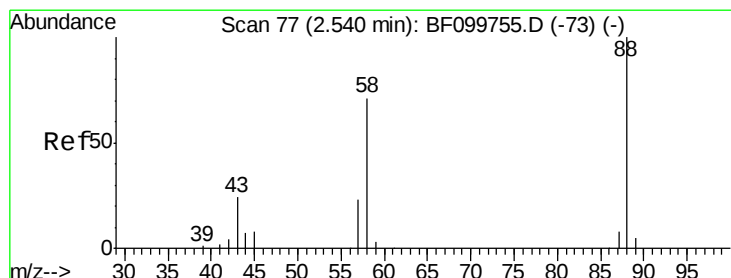
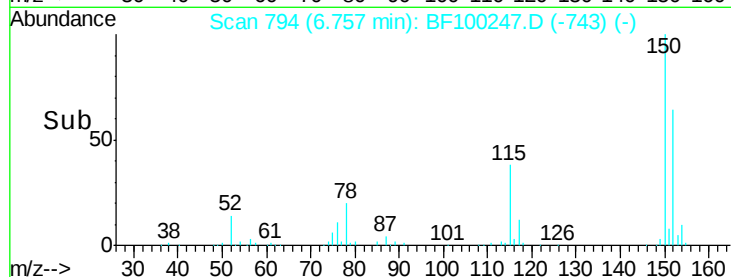
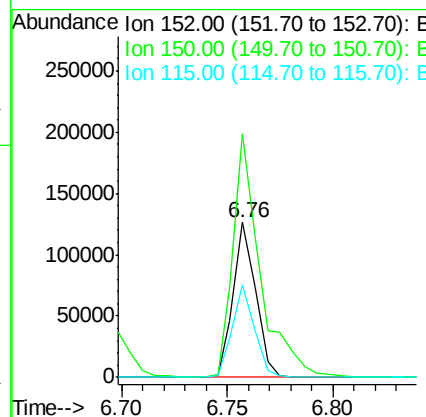
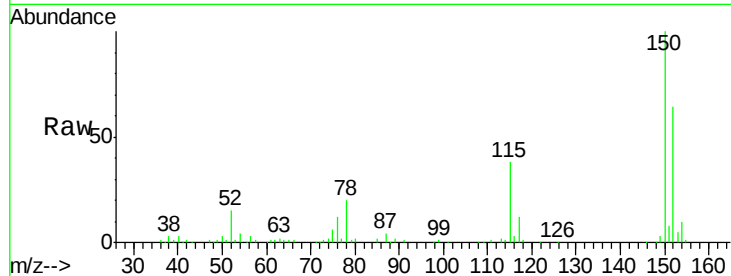
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	59.7	50.1	75.1

Manual Integrations
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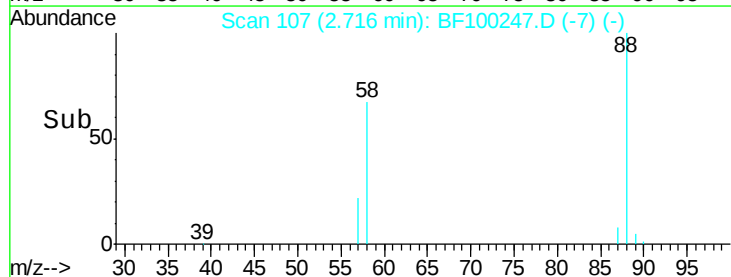
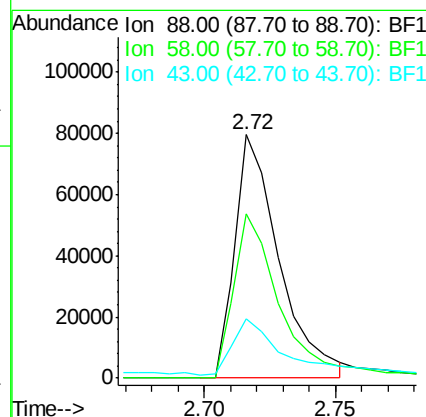
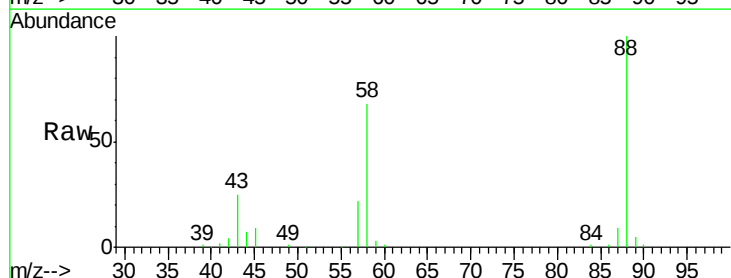
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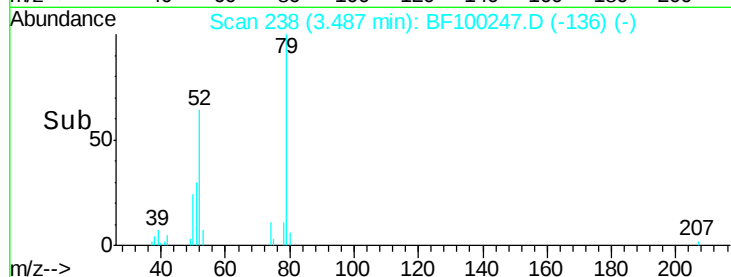
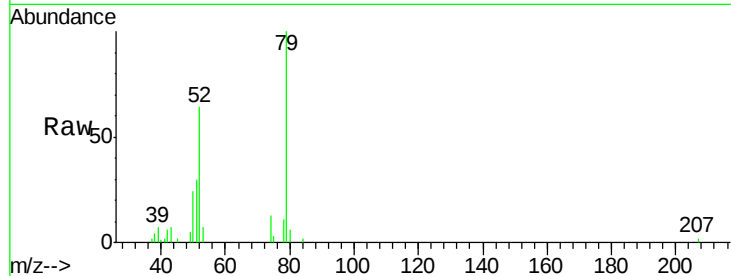
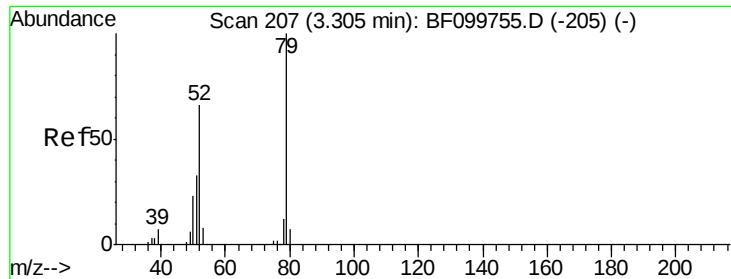


#2

1,4-Dioxane
Concen: 35.520 ng m
RT: 2.72 min Scan# 107
Delta R.T. 0.29 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

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





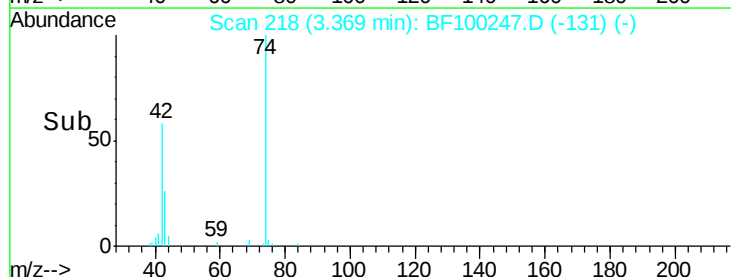
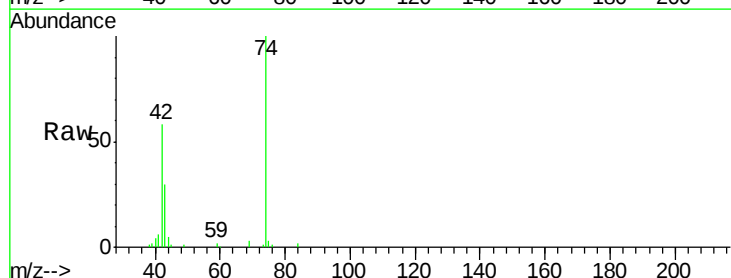
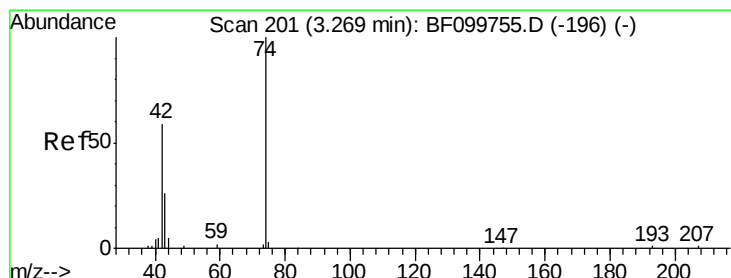
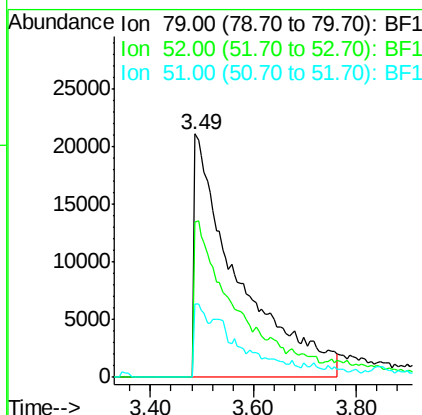
#3
Pyridine
Concen: 19.743 ng m
RT: 3.49 min Scan# 238
Delta R.T. 0.30 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
79	100		
52	63.8	59.8	89.6
51	30.2	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

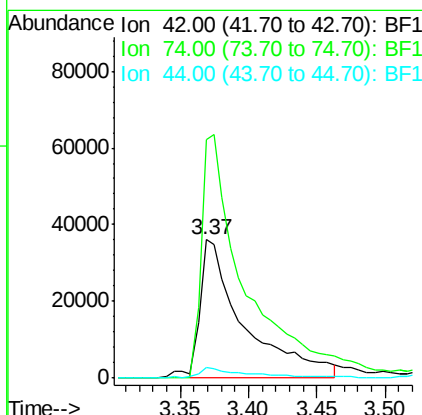
Manual Integrations
APPROVED

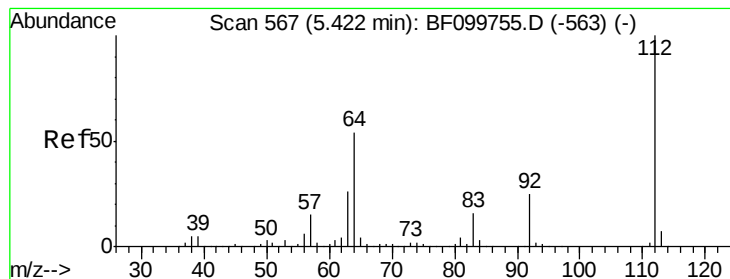
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#4
n-Nitrosodimethylamine
Concen: 35.972 ng m
RT: 3.37 min Scan# 218
Delta R.T. 0.21 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	172.3	104.9	157.3#
44	7.9	6.9	10.3





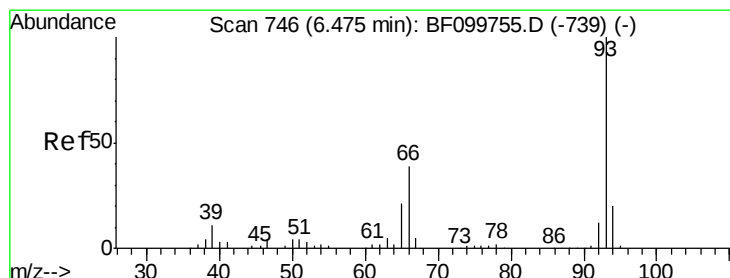
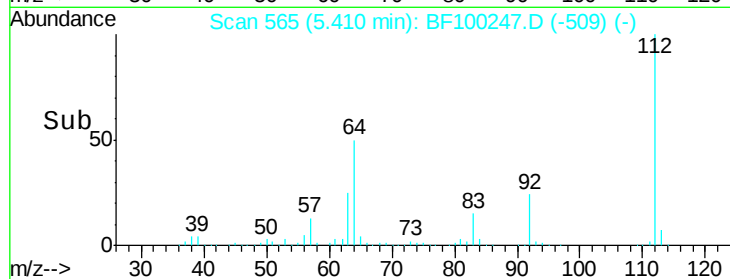
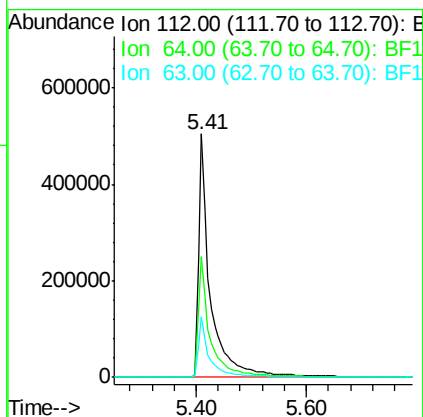
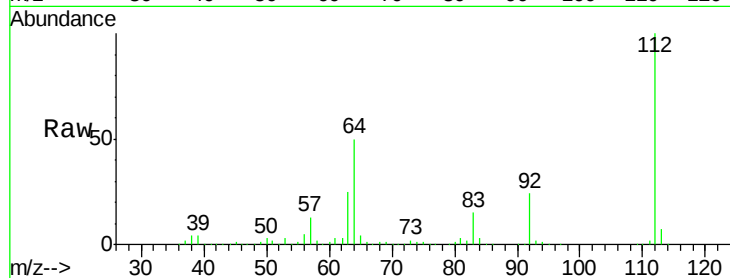
#5
 2-Fluorophenol
 Concen: 126.471 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.03 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	49.7	47.9	71.9
63	24.6	23.7	35.5

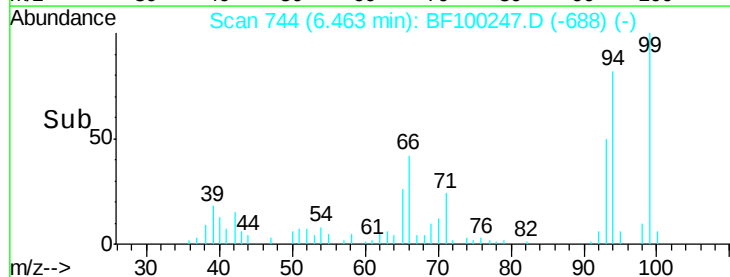
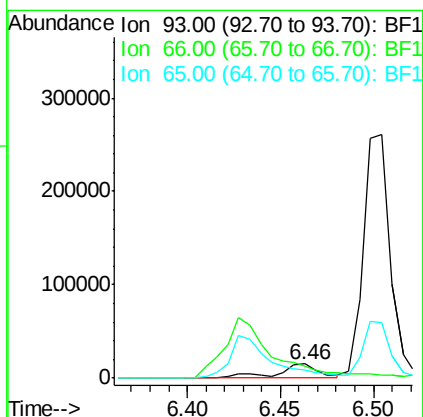
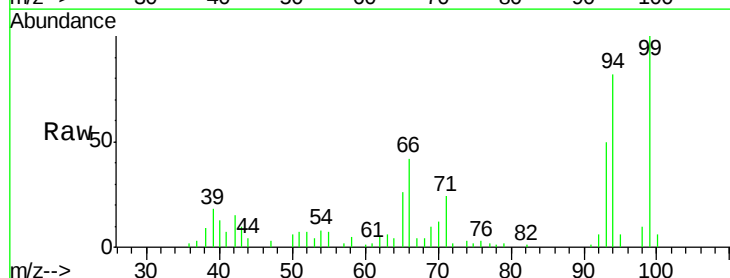
Manual Integrations
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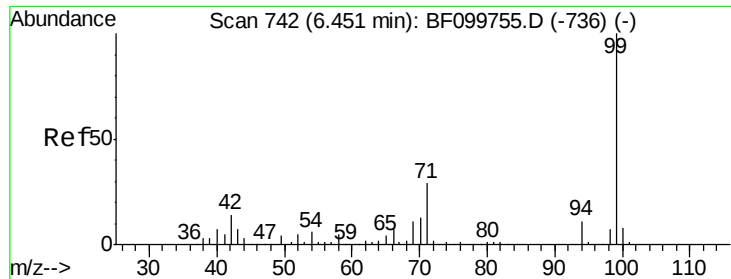
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#6
 Aniline
 Concen: 2.478 ng m
 RT: 6.46 min Scan# 744
 Delta R.T. 0.03 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	85.4	32.2	48.2#
65	53.3	16.4	24.6#





#7

Phenol-d6

Concen: 113.346 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Instrument :

BNA_F

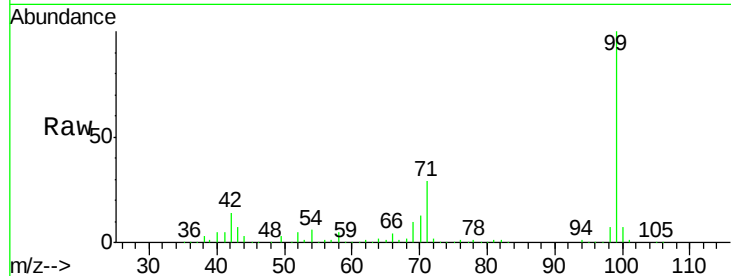
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

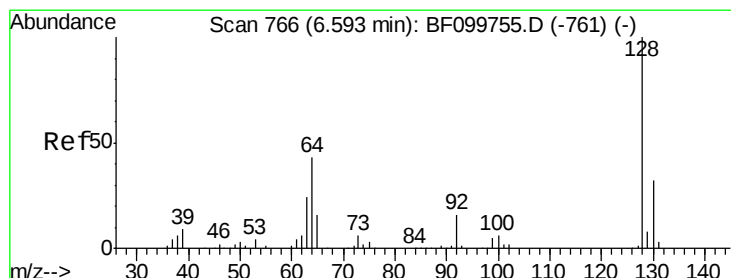
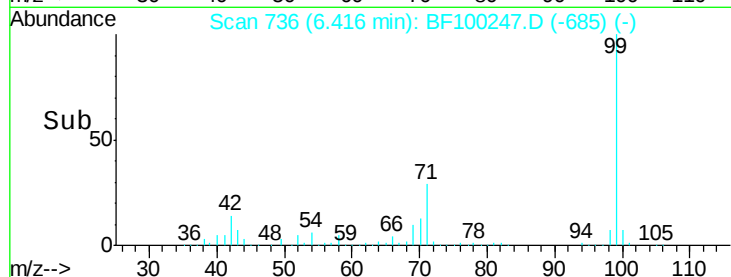
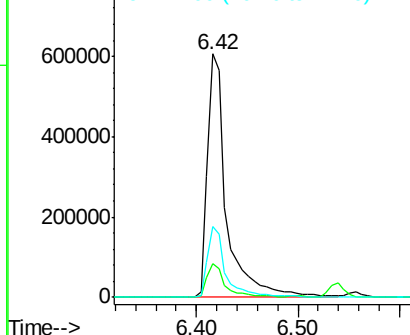
Tgt Ion:	99	Resp:	793472
Ion Ratio	Lower	Upper	
99	100		
42	13.8	14.5	21.7#
71	29.0	25.4	38.0

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



#8

2-Chlorophenol

Concen: 44.979 ng

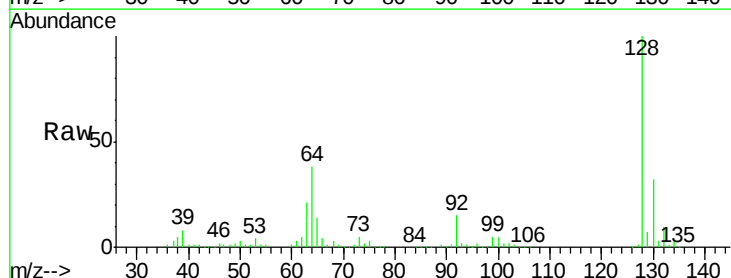
RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

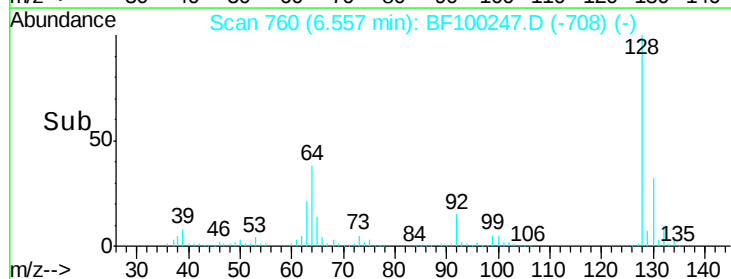
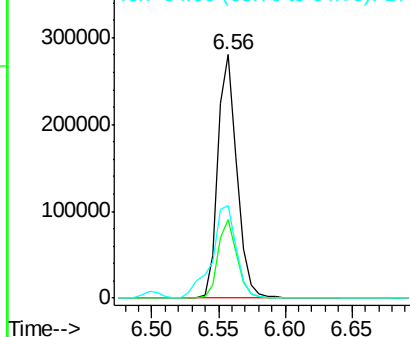
Lab File: BF100247.D

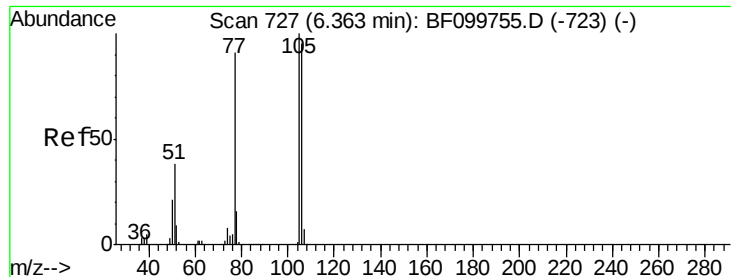
Acq: 6 Nov 2017 13:07

Tgt Ion:	128	Resp:	283025
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.0	53.0
64	38.1	29.4	69.4



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





#9

Benzaldehyde

Concen: 7.887 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.03 min

Lab File: BF100247.D

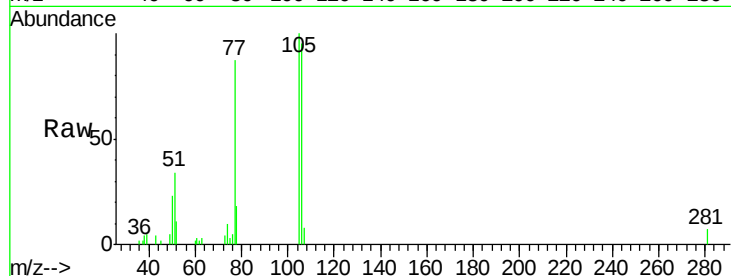
Acq: 6 Nov 2017 13:07

Instrument :

BNA_F

ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)



Tgt Ion: 77 Resp: 32993

Ion Ratio Lower Upper

77 100

105 114.9 81.1 121.1

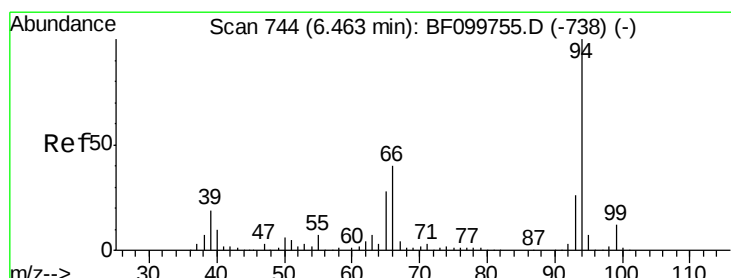
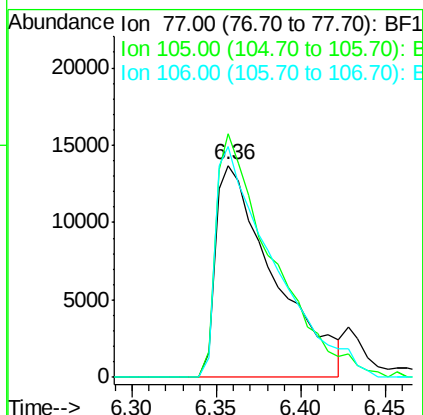
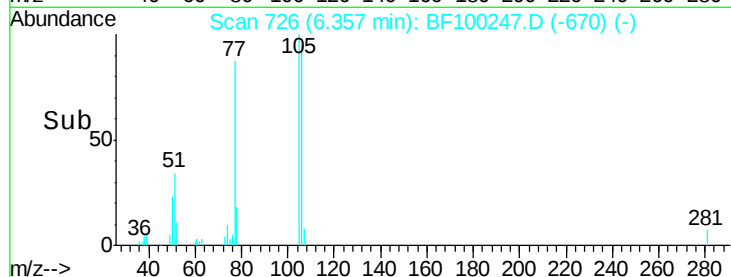
106 109.2 74.5 114.5

Manual Integrations

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#10

Phenol

Concen: 35.536 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

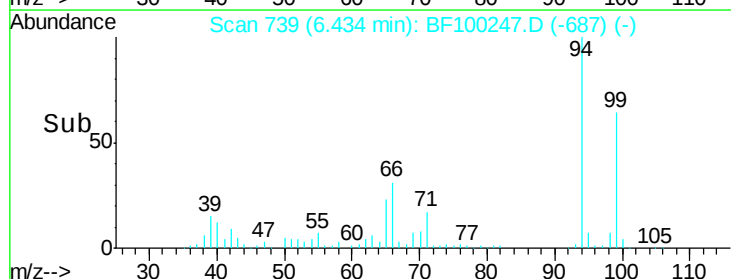
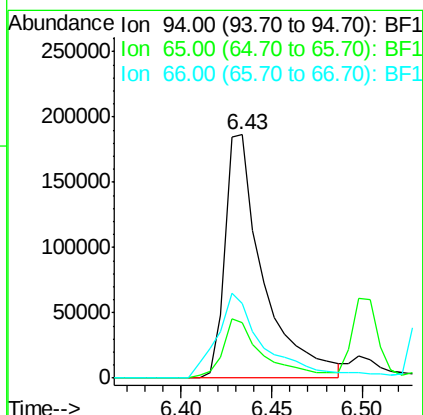
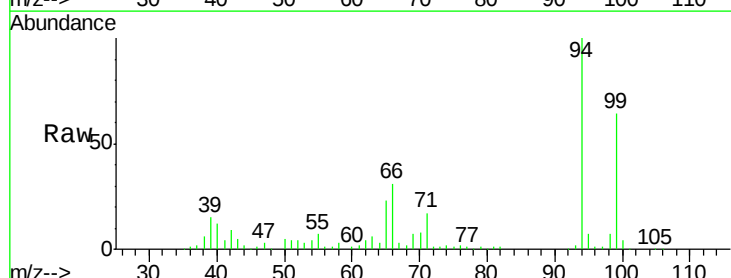
Tgt Ion: 94 Resp: 273132

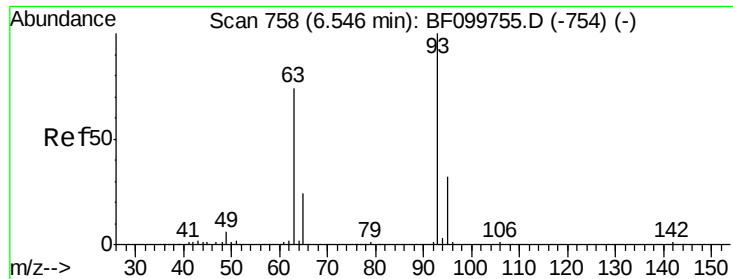
Ion Ratio Lower Upper

94 100

65 22.6 7.9 47.9

66 30.6 16.2 56.2





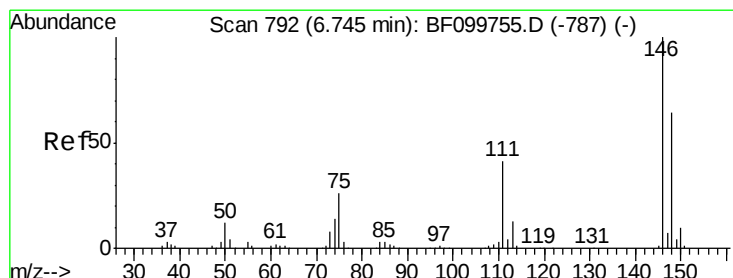
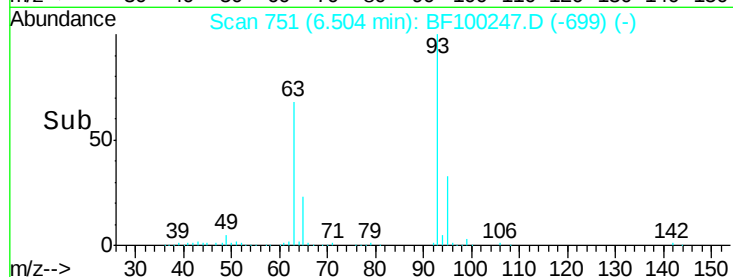
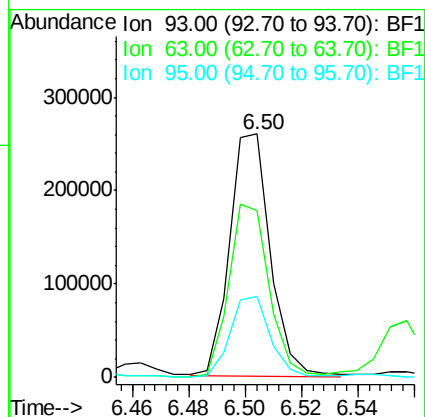
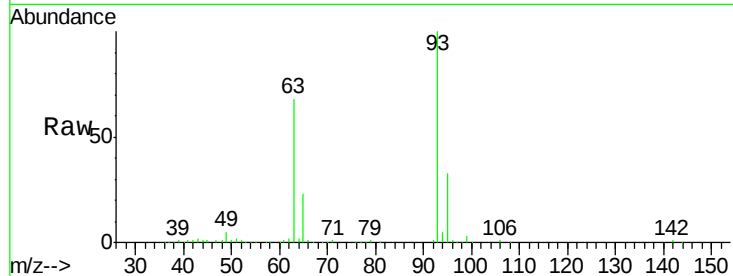
#11
bis(2-Chloroethyl)ether
Concen: 43.896 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	93	Resp:	260536
Ion	Ratio	Lower	Upper
93	100		
63	68.3	58.6	98.6
95	33.2	11.8	51.8

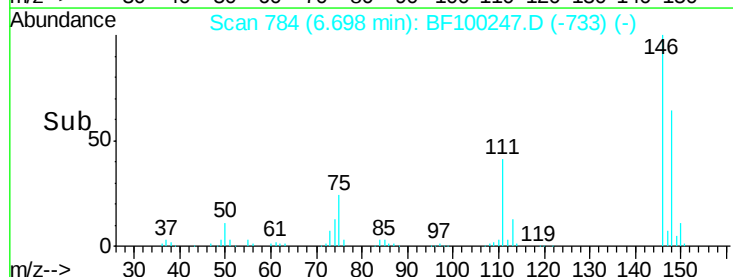
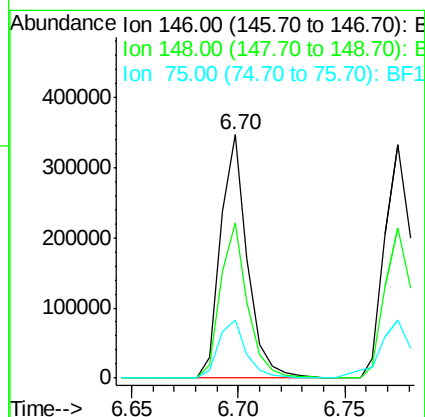
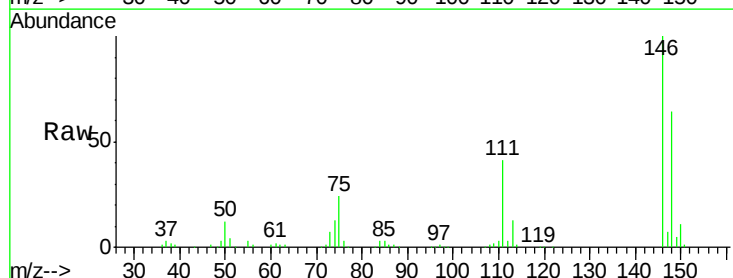
Manual Integrations
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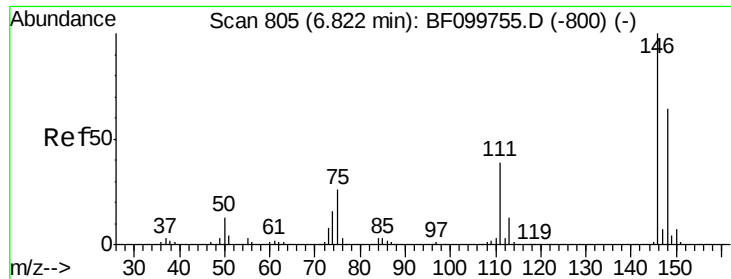
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.363 ng m
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion:	146	Resp:	306370
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	23.7	24.2	36.4#





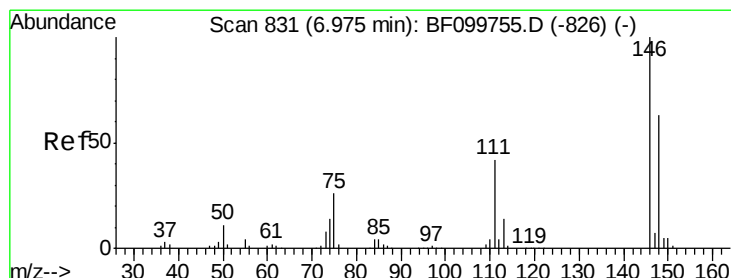
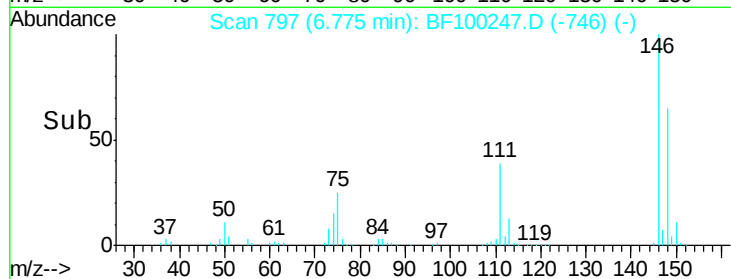
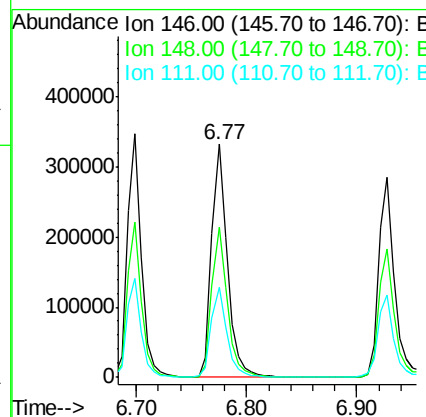
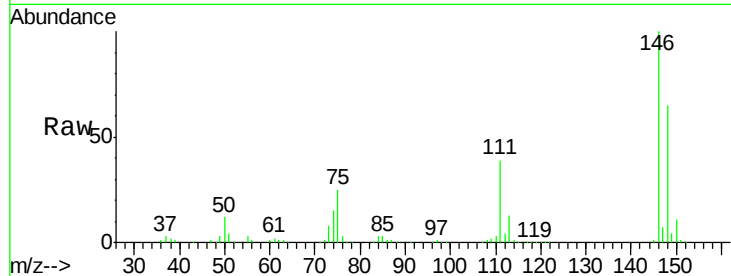
#13
1,4-Dichlorobenzene
Concen: 44.700 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	320525		
148	64.6	50.8	76.2	
111	38.5	34.2	51.2	

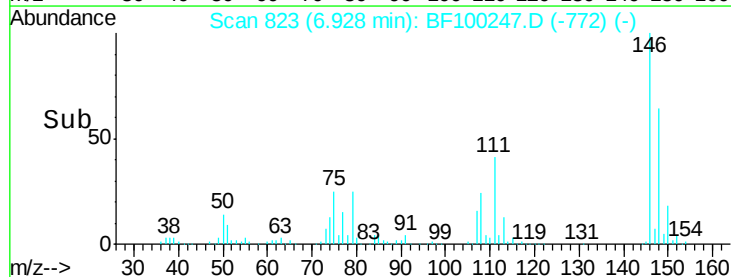
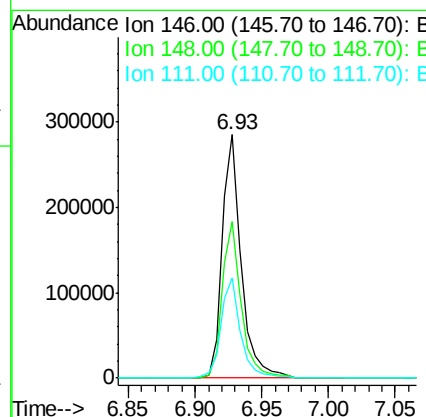
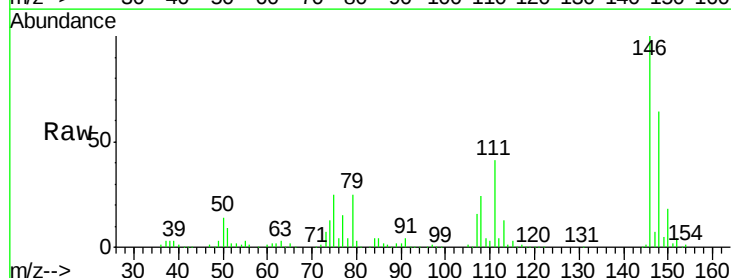
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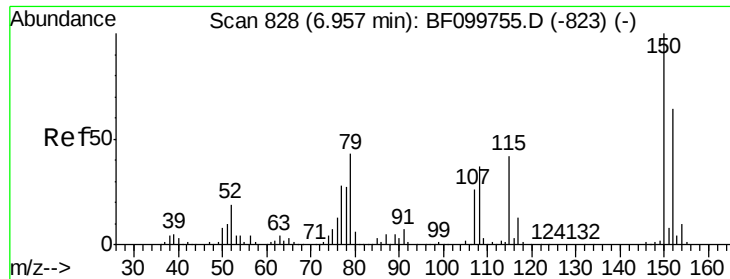
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#14
1,2-Dichlorobenzene
Concen: 44.076 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	288041		
148	64.2	50.6	75.8	
111	41.0	36.0	54.0	





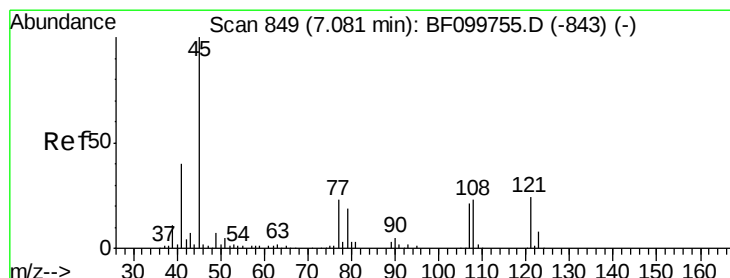
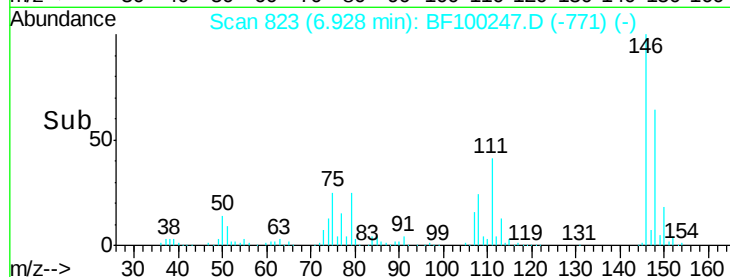
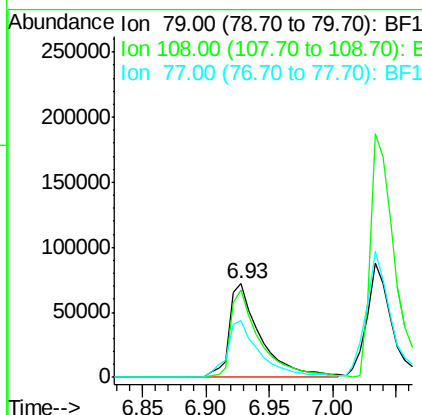
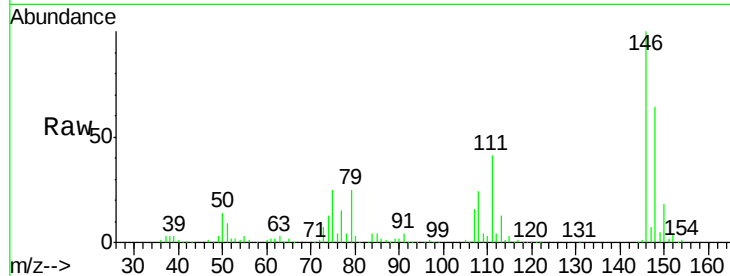
#15
Benzyl Alcohol
Concen: 27.651 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	123104		
108	93.6	65.1	97.7	
77	60.7	50.6	75.8	

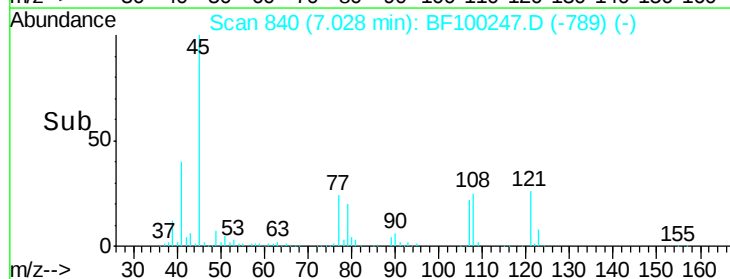
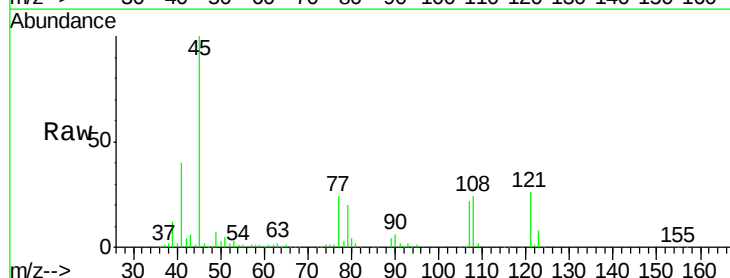
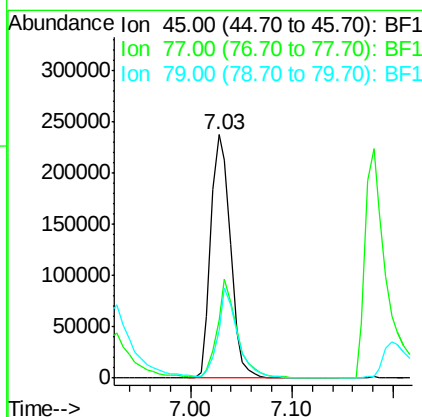
Manual Integrations
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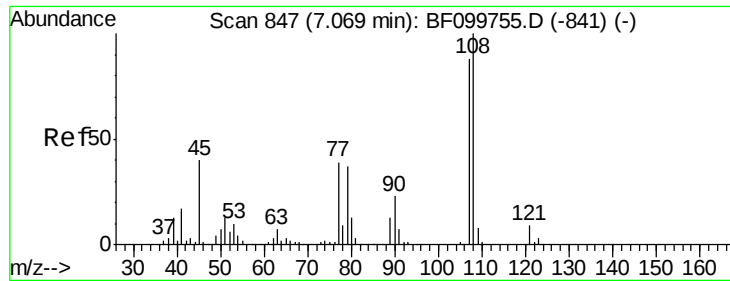
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.825 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	321917		
77	23.8	0.0	32.9	
79	19.8	0.0	29.6	





#17

2-Methylphenol

Concen: 42.421 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Instrument :

BNA_F

ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:107 Resp: 223280
Ion Ratio Lower Upper

107 100

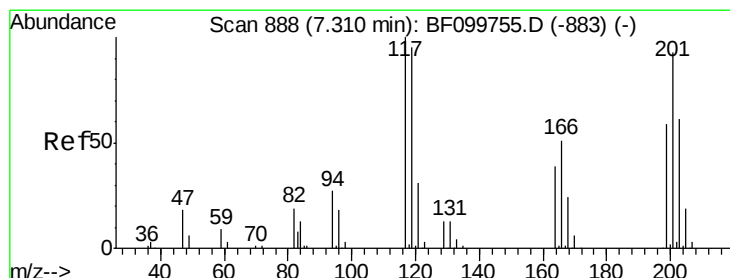
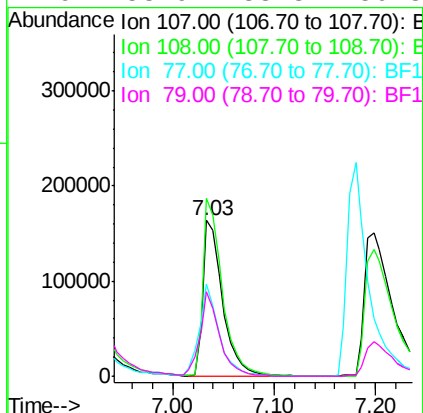
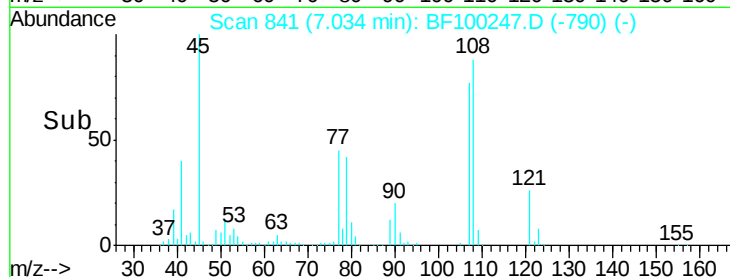
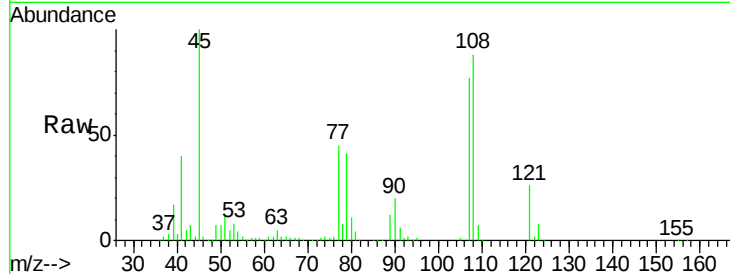
108 114.4 91.7 137.5

77 59.1 33.8 50.8#

79 53.9 33.8 50.8#

Manual Integrations
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#18

Hexachloroethane

Concen: 43.254 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF100247.D

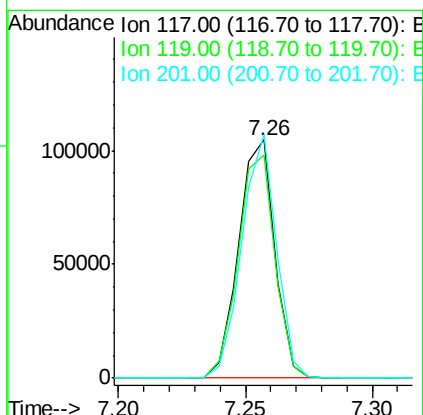
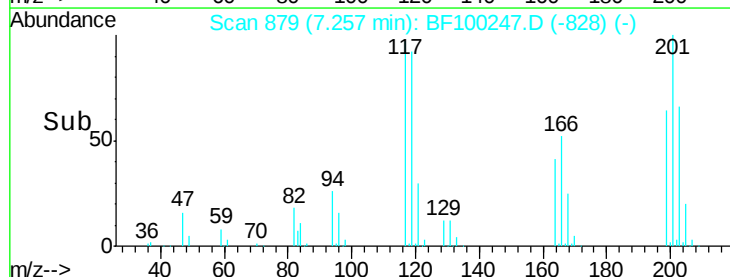
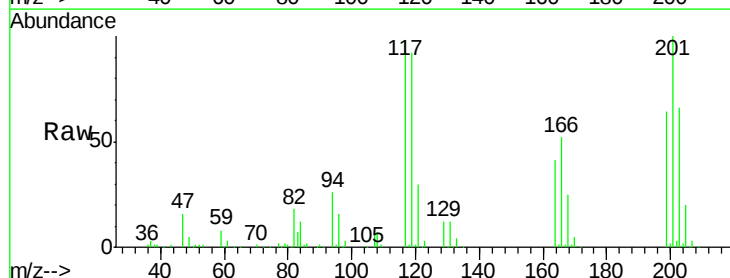
Acq: 6 Nov 2017 13:07

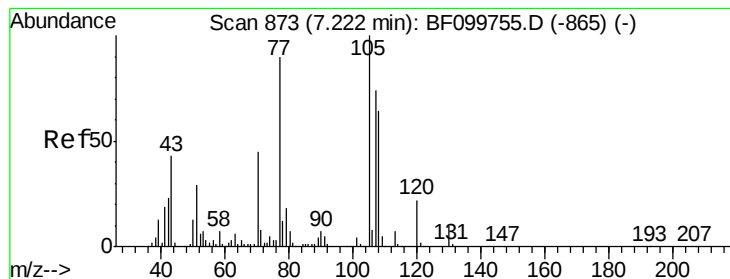
Tgt Ion:117 Resp: 103475
Ion Ratio Lower Upper

117 100

119 94.0 75.8 113.8

201 102.3 75.7 113.5





#19

n-Nitroso-di-n-propylamine

Concen: 43.912 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Instrument :

BNA_F

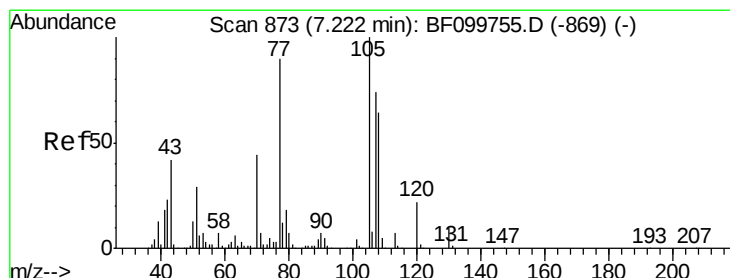
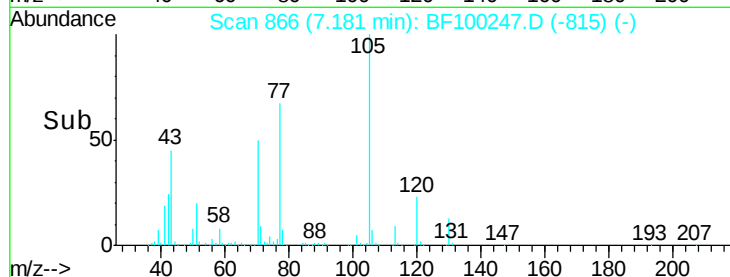
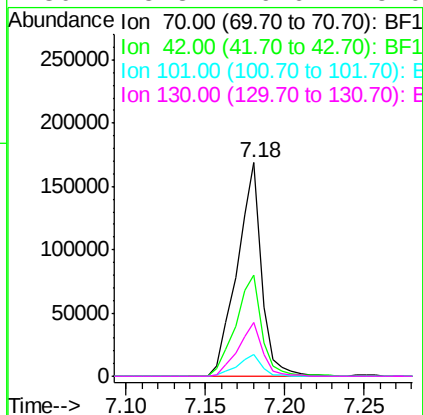
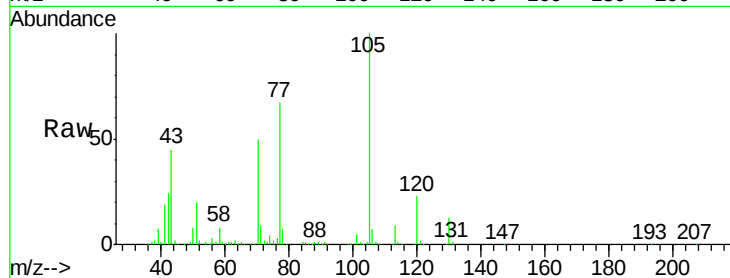
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.5	71.3
101	10.5	7.4	11.2
130	25.3	16.6	25.0#

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#20

3+4-Methylphenols

Concen: 49.107 ng

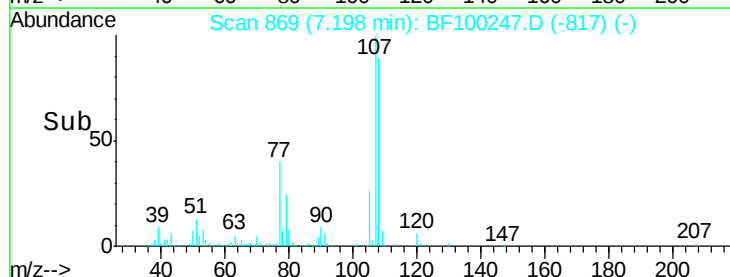
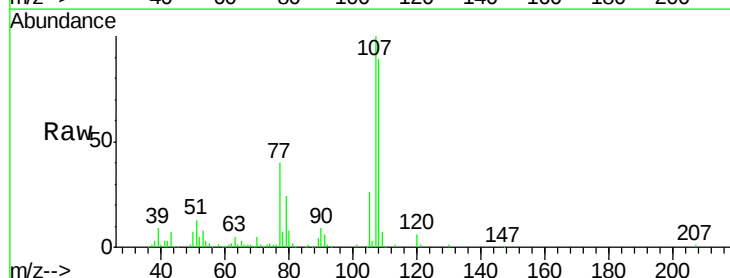
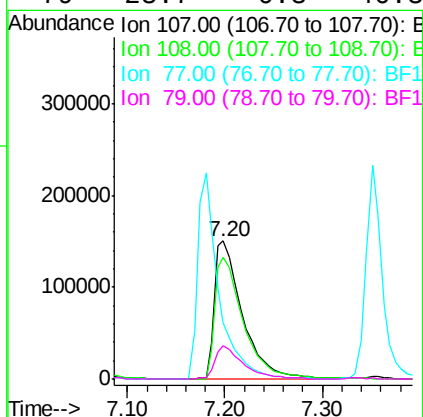
RT: 7.20 min Scan# 869

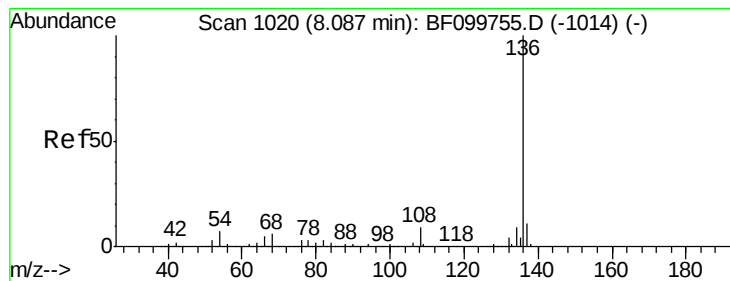
Delta R.T. 0.01 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	40.4	26.7	66.7
79	23.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Instrument :

BNA_F

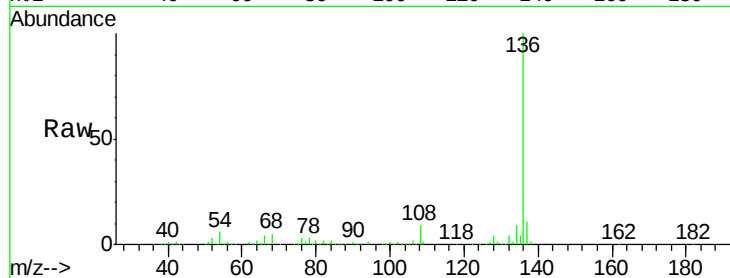
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	384454		
137	10.9	8.9	13.3	
54	6.2	6.6	9.8	
68	5.1	5.0	7.4	

Manual Integrations
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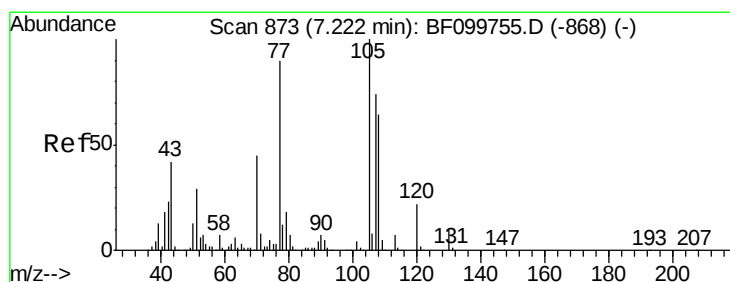
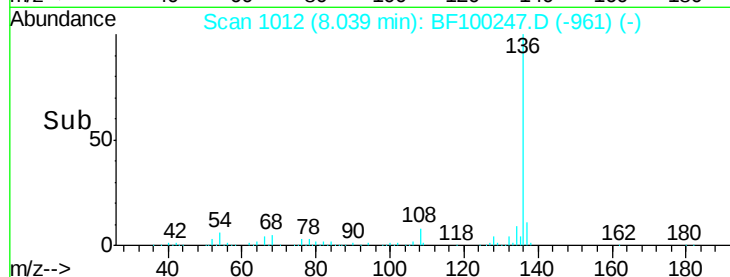
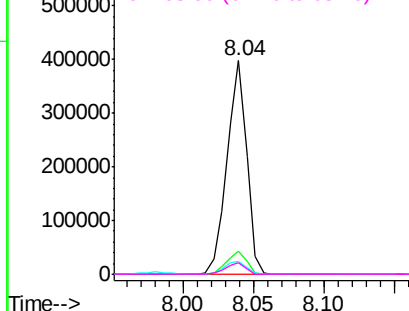
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.196 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	386877		
71	8.6	4.4	6.6	
51	19.8	22.3	33.5	
120	22.7	16.9	25.3	

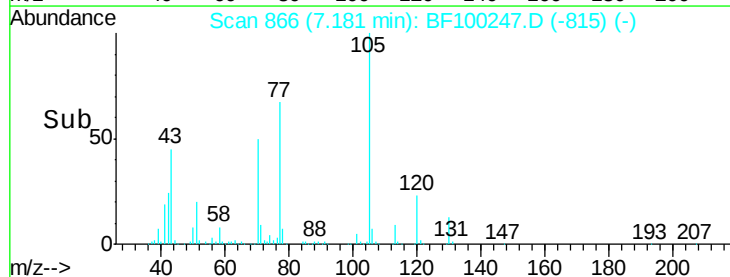
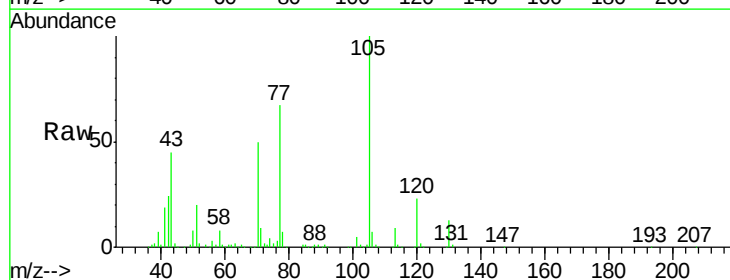
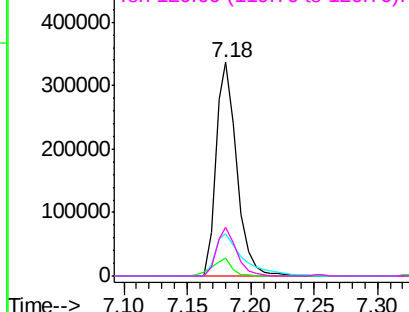
Abundance

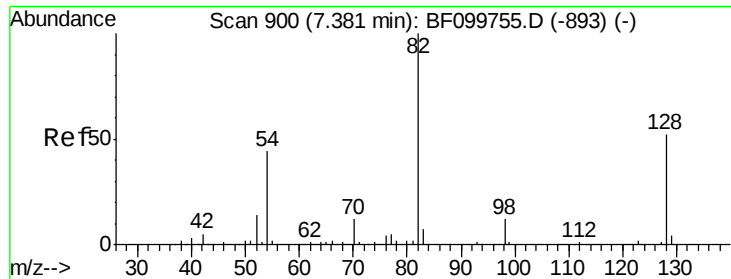
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





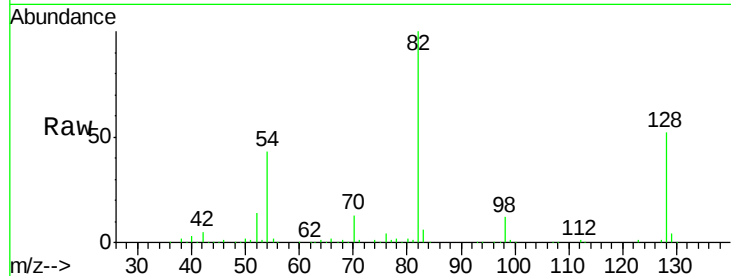
#23
Nitrobenzene-d5
Concen: 86.237 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

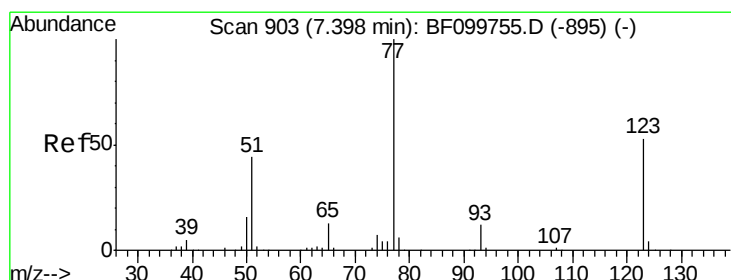
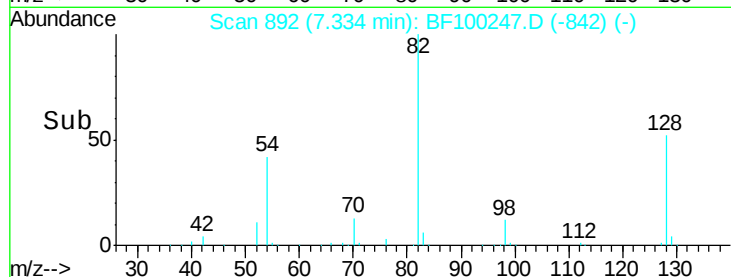
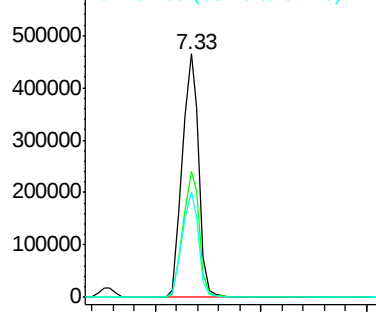
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	514975		
128	51.6	36.1	54.1	
54	43.3	41.4	62.2	

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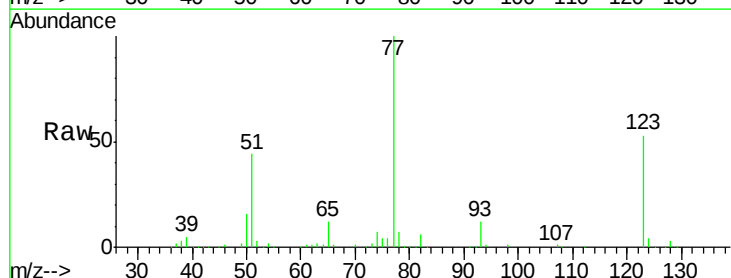


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

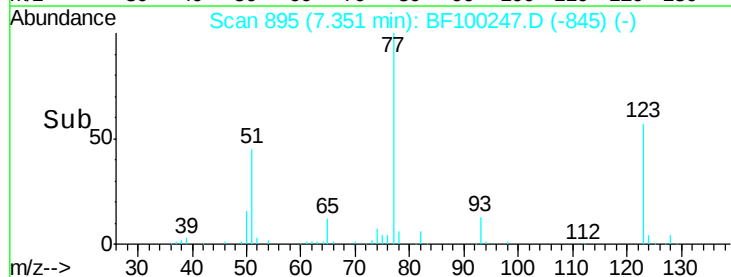
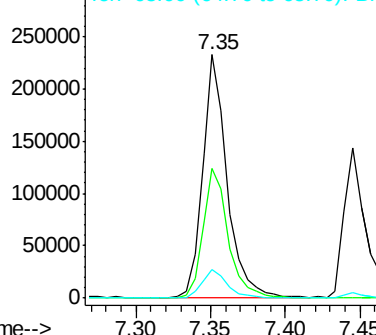


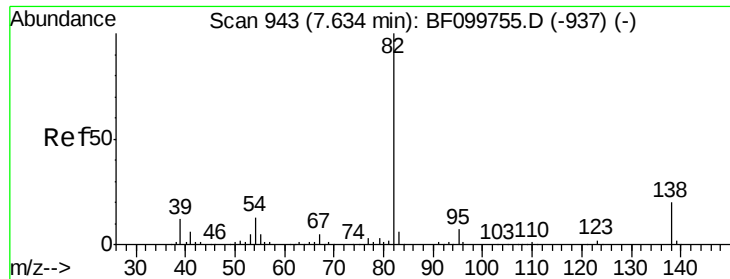
#24
Nitrobenzene
Concen: 44.694 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	268921		
123	53.4	37.9	56.9	
65	11.9	11.0	16.4	



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





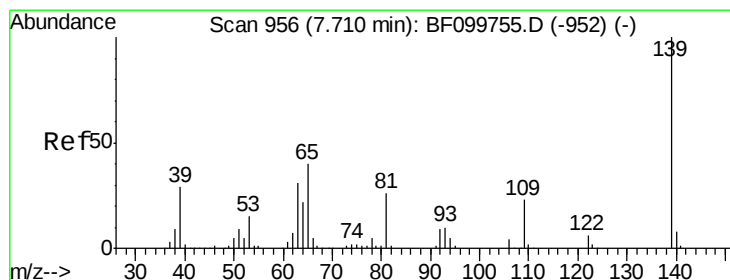
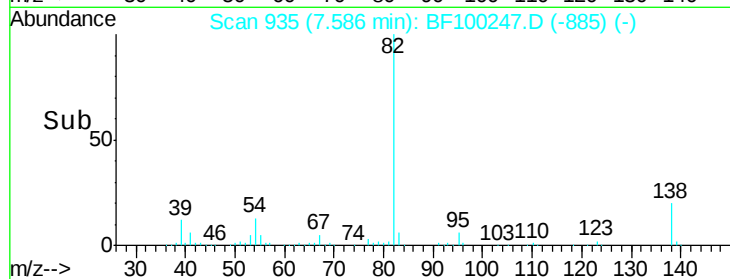
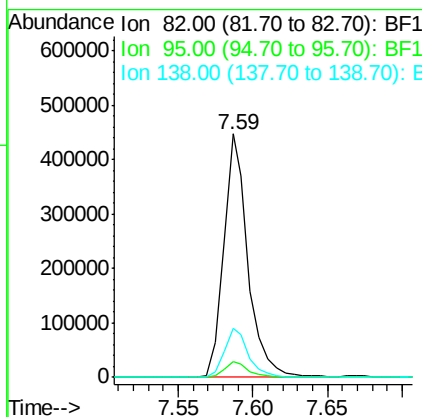
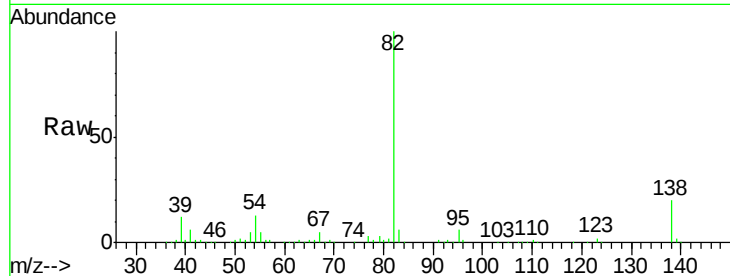
#25
Isophorone
Concen: 47.027 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	509578		
95	6.4	5.2	7.8	
138	19.9	14.9	22.3	

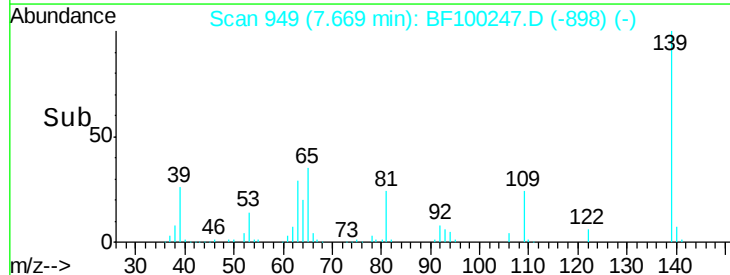
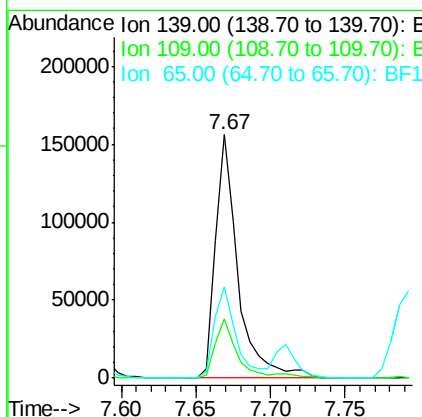
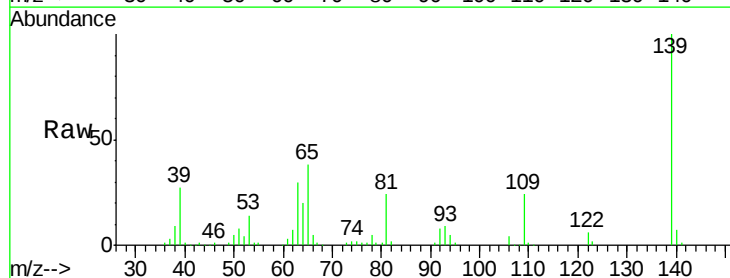
Manual Integrations
APPROVED

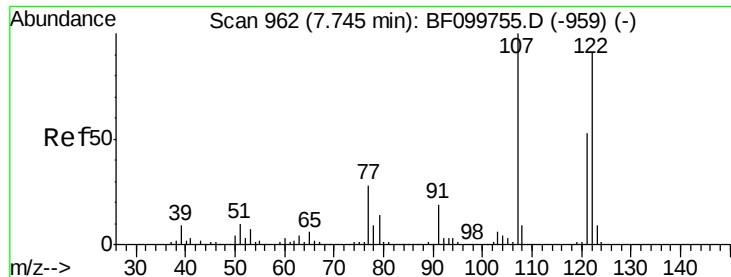
Sohil
11/7/2017 5:39:37 PM



#26
2-Nitrophenol
Concen: 47.577 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	163960		
109	24.4	22.7	34.1	
65	37.6	40.5	60.7	





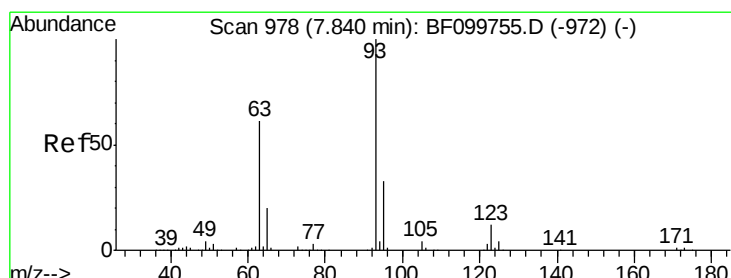
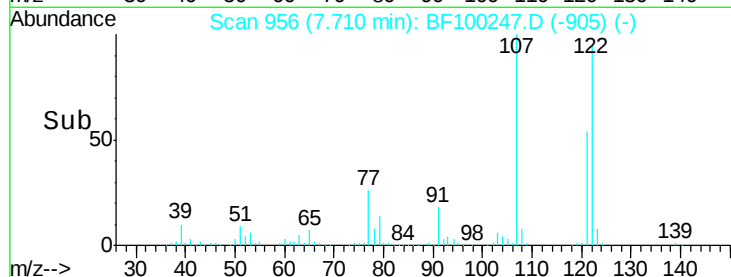
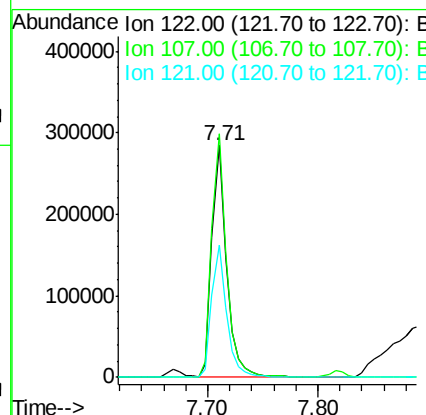
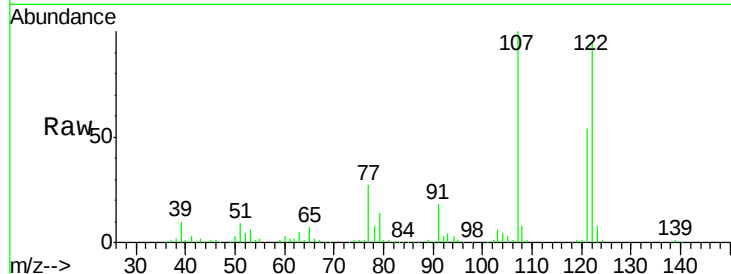
#27
2,4-Dimethylphenol
Concen: 50.870 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	258303		
107	105.0	91.2	136.8	
121	57.1	47.2	70.8	

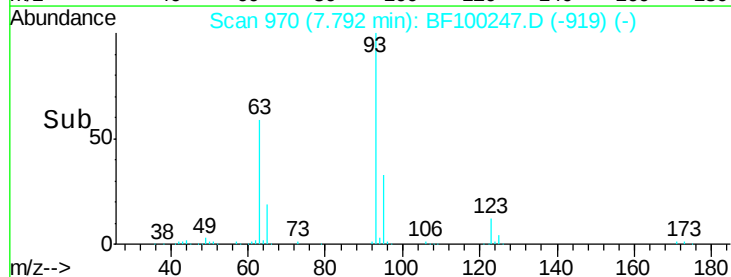
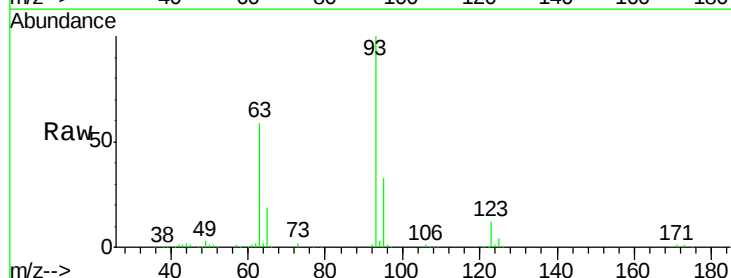
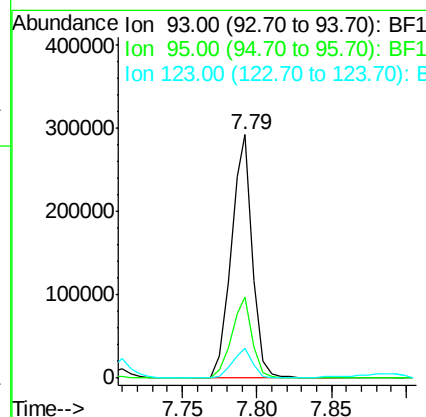
Manual Integrations
APPROVED

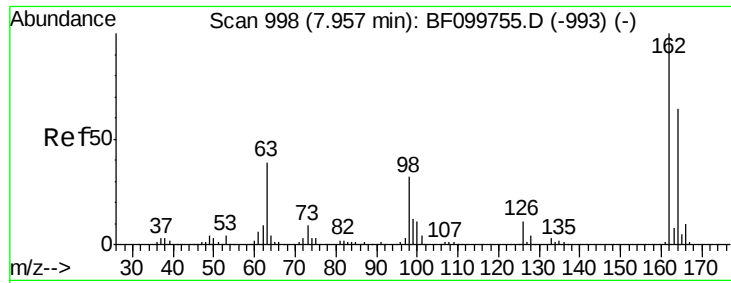
Sohil
11/7/2017 5:39:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.509 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	292238		
95	33.3	26.3	39.5	
123	12.0	9.8	14.6	





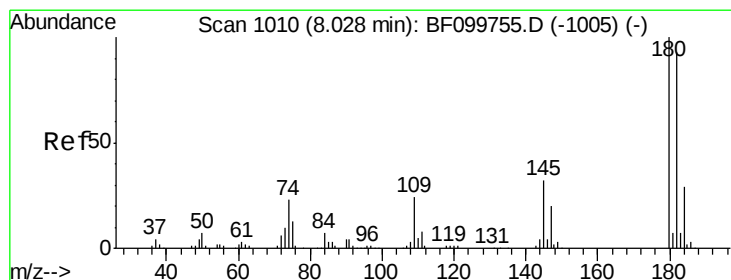
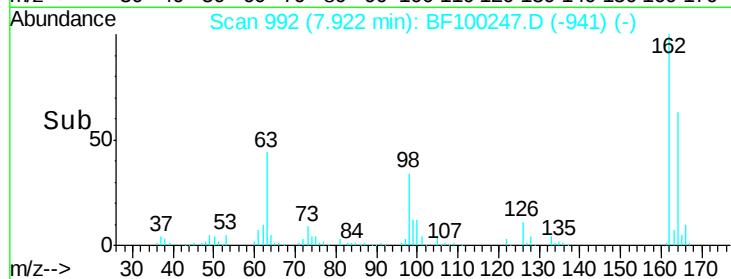
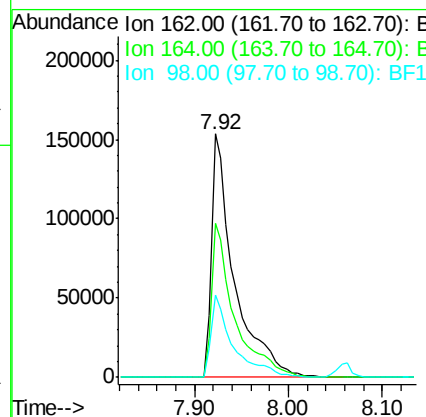
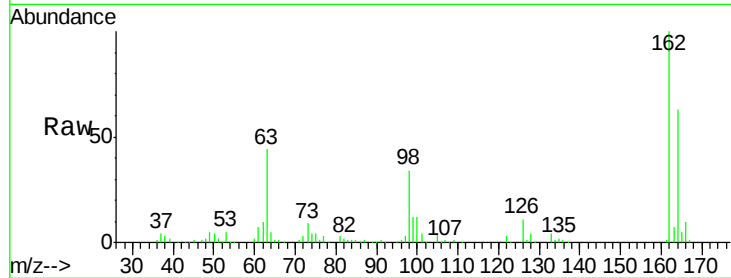
#29
 2,4-Dichlorophenol
 Concen: 49.195 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	259495		
164	63.3	42.7	82.7	
98	34.0	18.1	58.1	

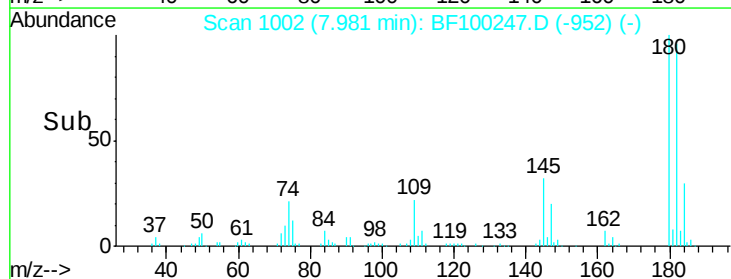
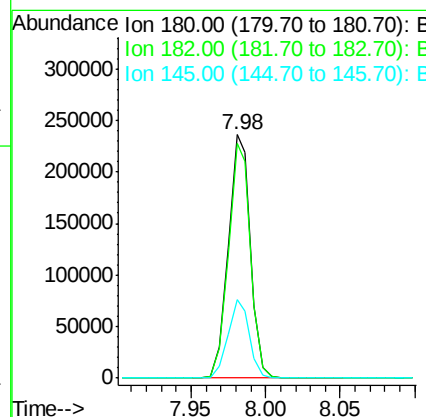
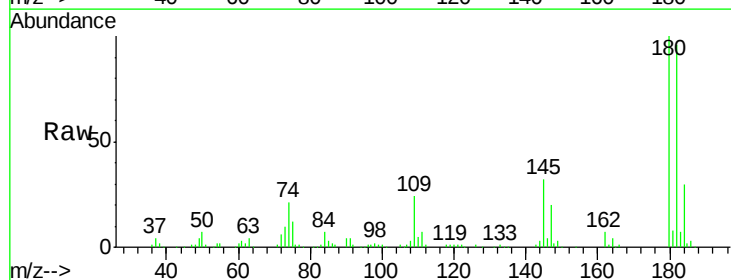
Manual Integrations
 APPROVED

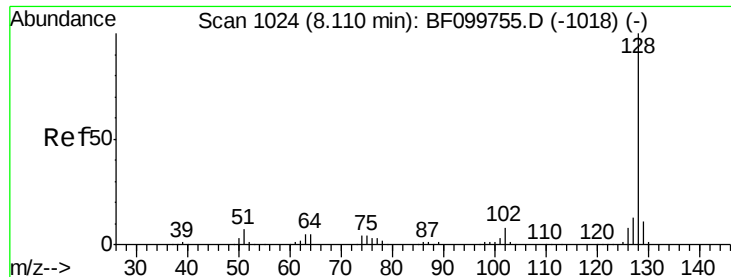
Sohil
 11/7/2017 5:39:37 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.849 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	247133		
182	96.4	76.8	115.2	
145	32.4	26.5	39.7	





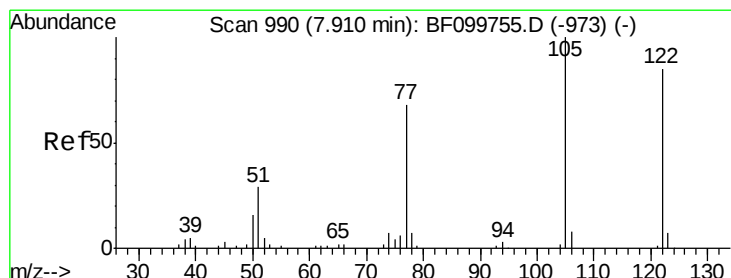
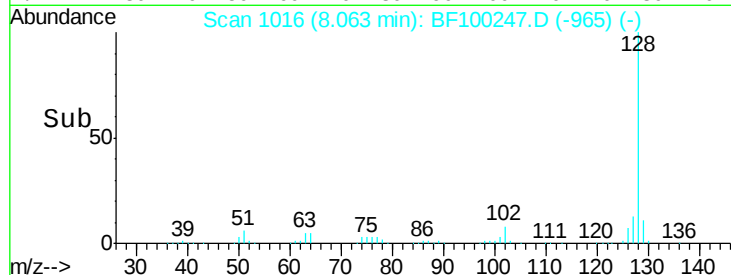
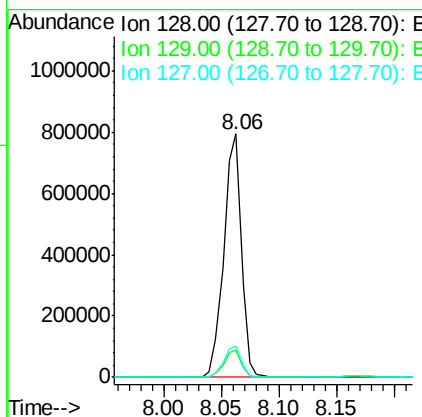
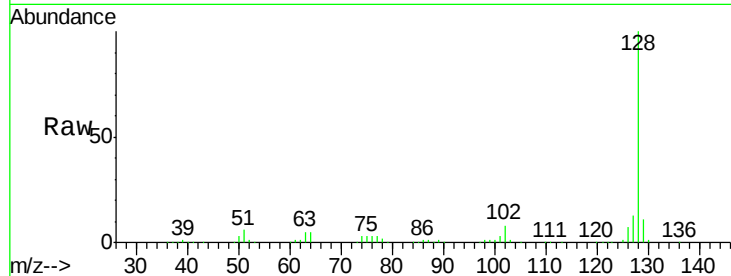
#31
Naphthalene
Concen: 45.004 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.1	8.8	13.2
127	12.9	10.9	16.3

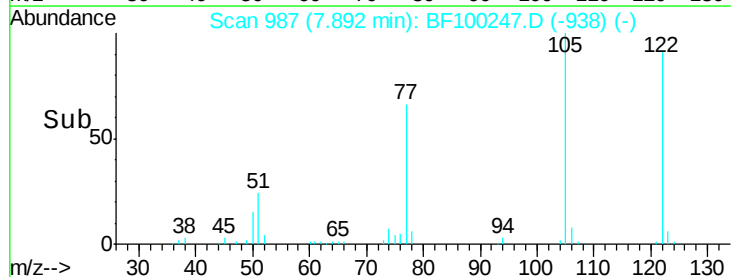
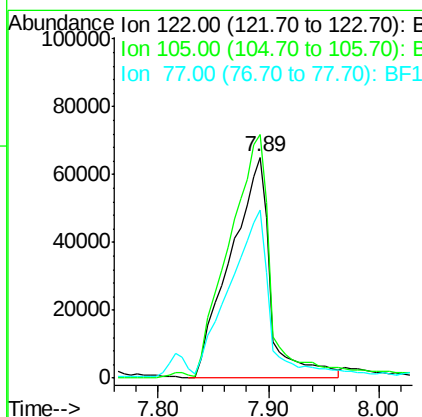
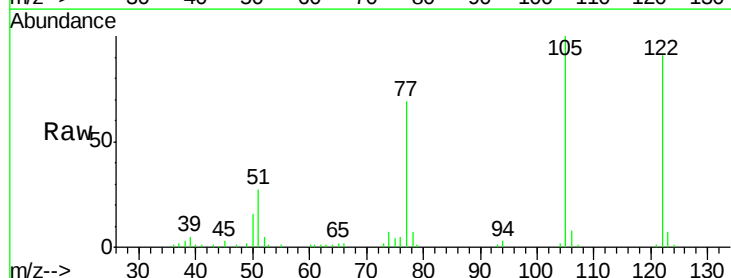
Manual Integrations
APPROVED

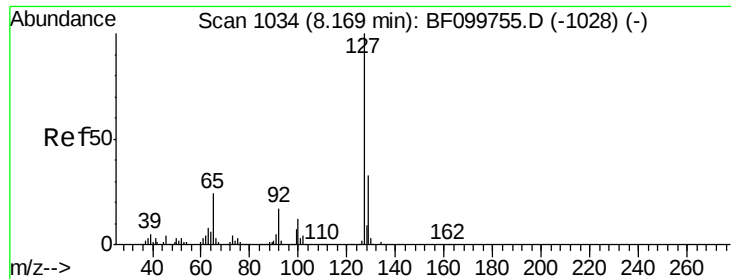
Sohil
11/7/2017 5:39:37 PM



#32
Benzoic acid
Concen: 36.959 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	110.3	101.1	141.1
77	76.1	70.7	110.7





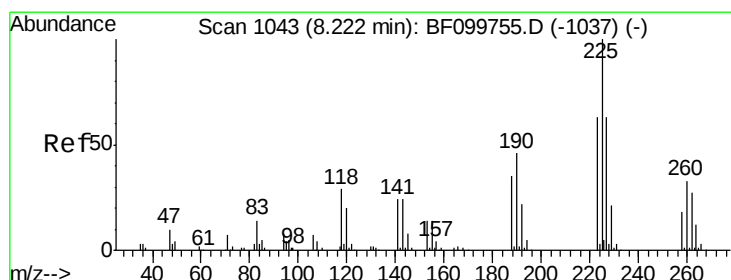
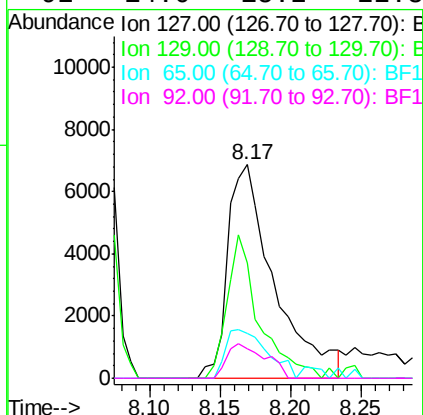
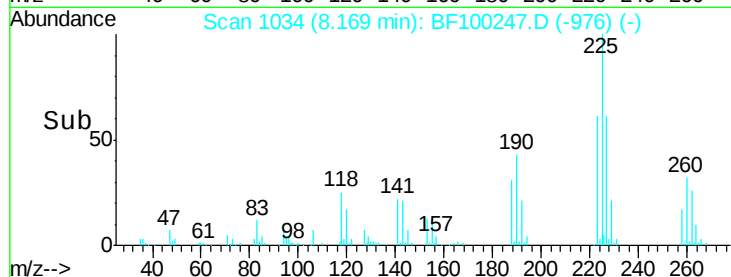
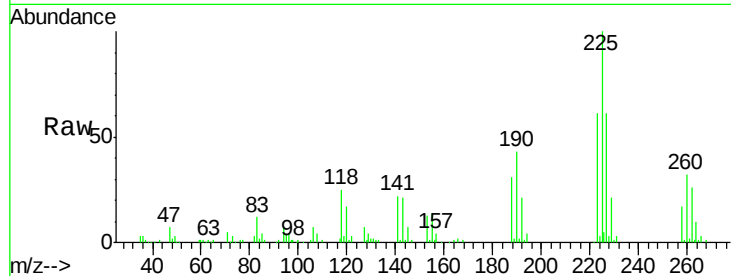
#33
4-Chloroaniline
Concen: 2.058 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.04 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	15769		
129	53.7	25.9	38.9#	
65	20.7	25.0	37.4#	
92	14.0	15.2	22.8#	

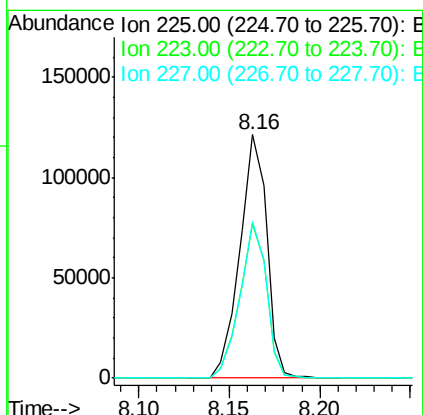
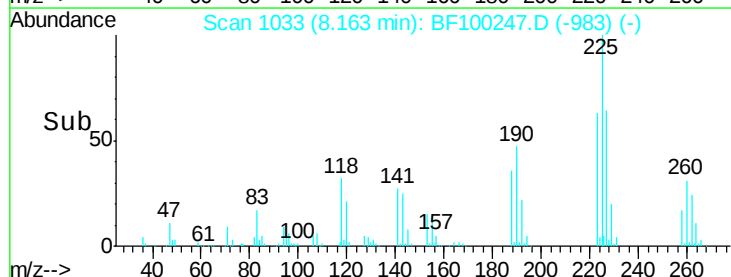
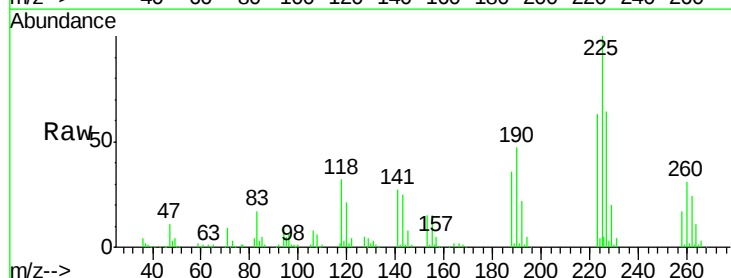
Manual Integrations
APPROVED

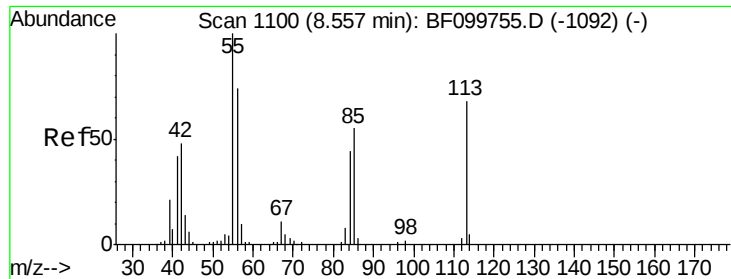
Sohil
11/7/2017 5:39:37 PM



#34
Hexachlorobutadiene
Concen: 43.401 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125818		
223	63.4	50.6	76.0	
227	64.3	51.9	77.9	





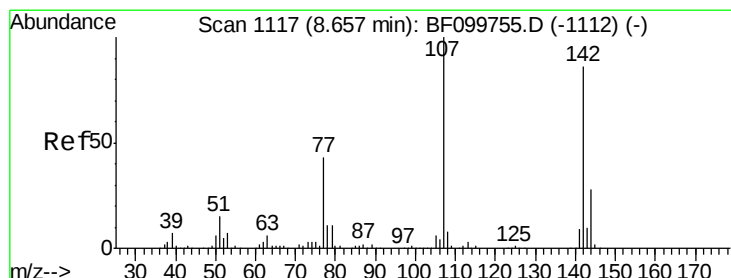
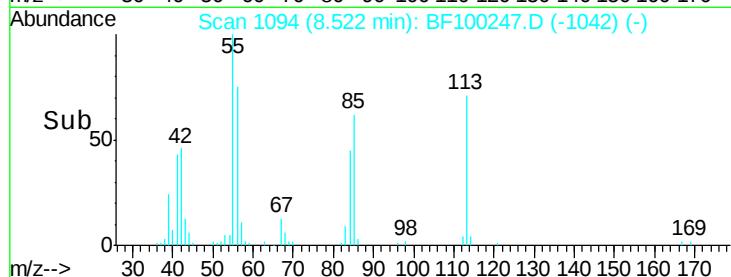
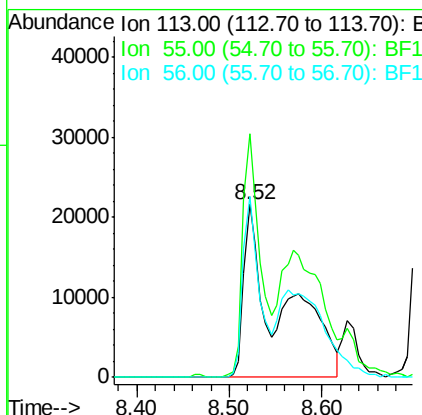
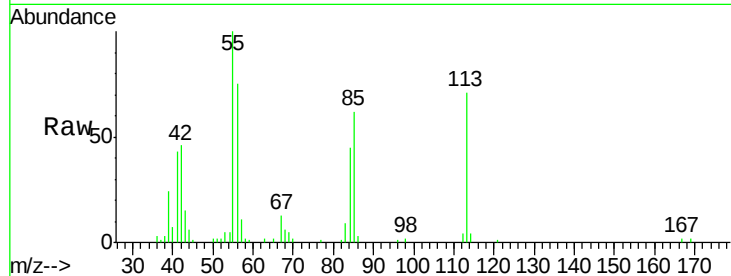
#35
 Caprolactam
 Concen: 35.714 ng m
 RT: 8.52 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:113 Resp: 59242
 Ion Ratio Lower Upper
 113 100
 55 140.9 163.3 203.3#
 56 105.0 115.7 155.7#

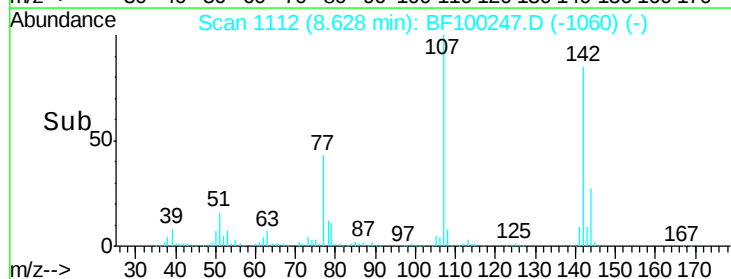
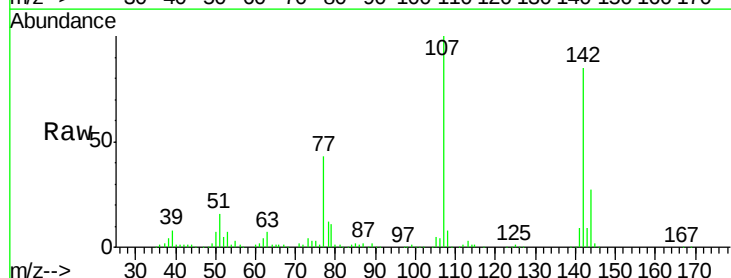
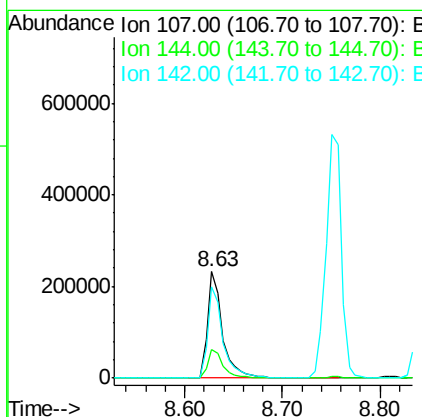
Manual Integrations
 APPROVED

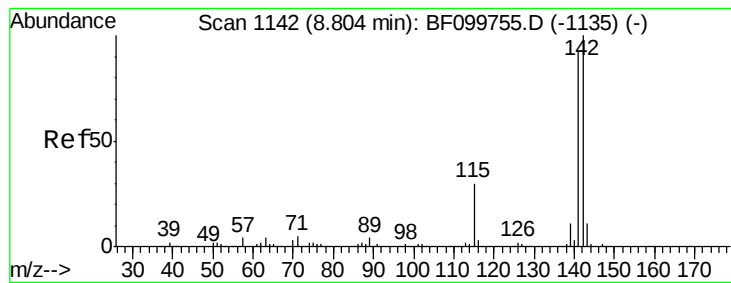
Sohil
 11/7/2017 5:39:37 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.108 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Tgt Ion:107 Resp: 248238
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.5 30.7
 142 85.3 62.0 93.0





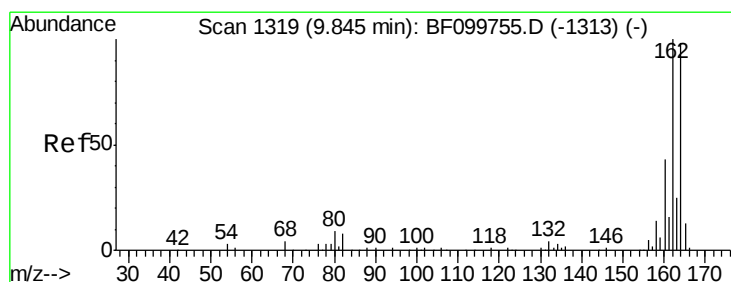
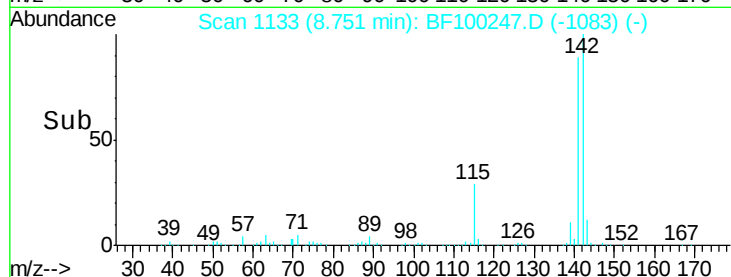
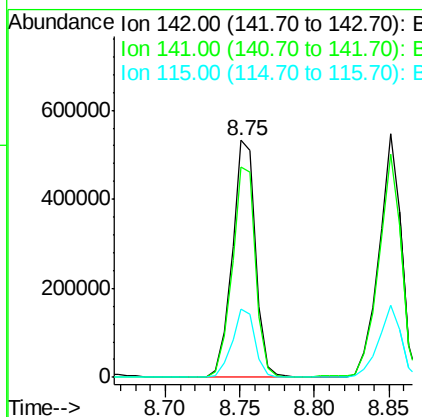
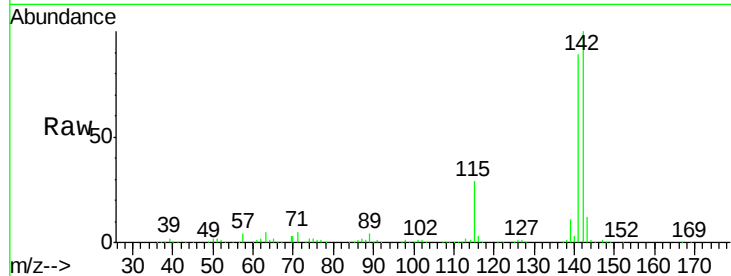
#37
2-Methylnaphthalene
Concen: 46.543 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	578826		
141	88.7	70.8	106.2	
115	28.8	26.1	39.1	

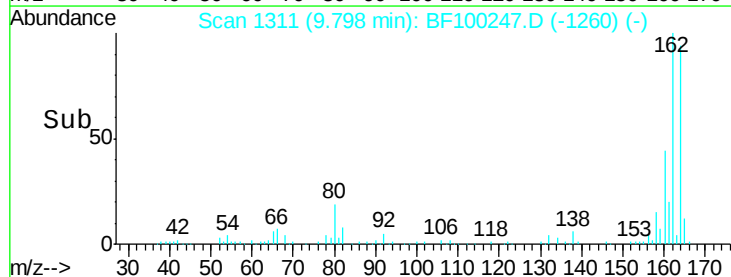
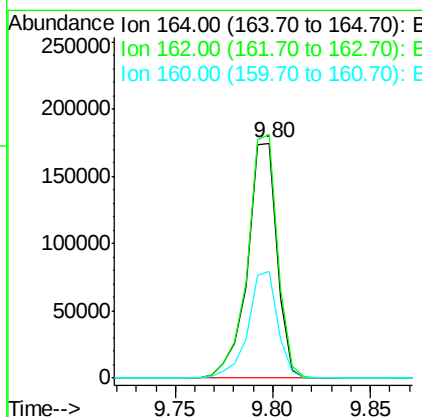
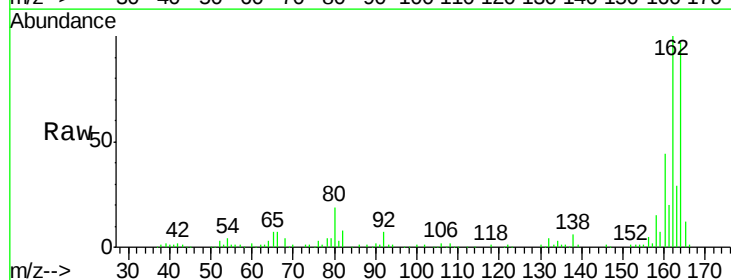
Manual Integrations
APPROVED

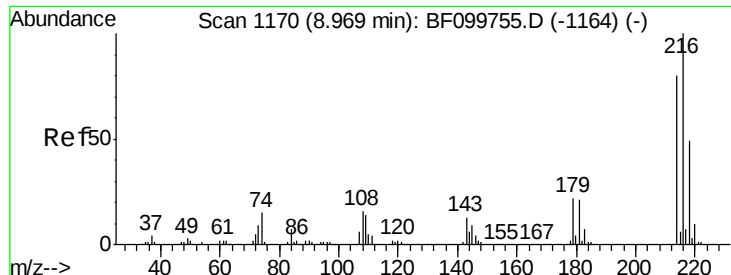
Sohil
11/7/2017 5:39:37 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	183813		
162	103.6	86.1	129.1	
160	45.4	38.3	57.5	





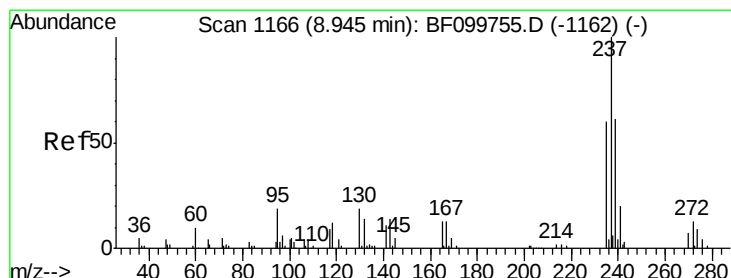
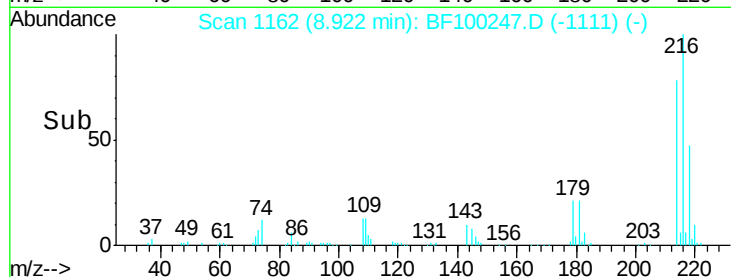
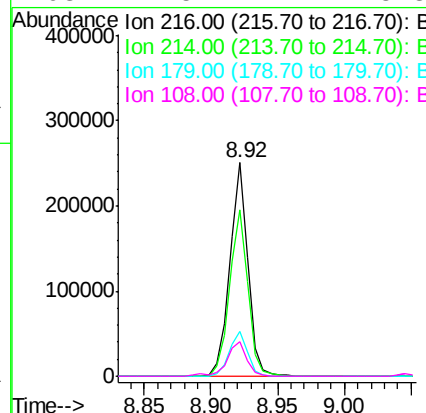
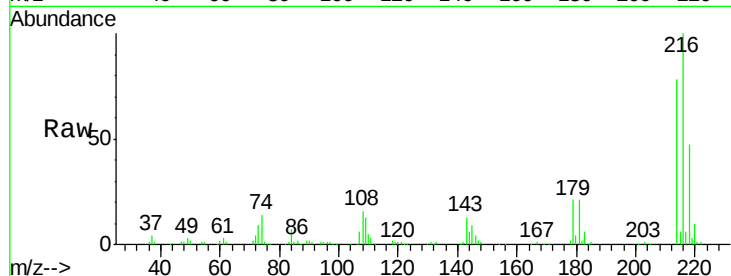
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.487 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	240362		
214	79.4	63.0	94.4	
179	21.4	18.1	27.1	
108	17.5	17.2	25.8	

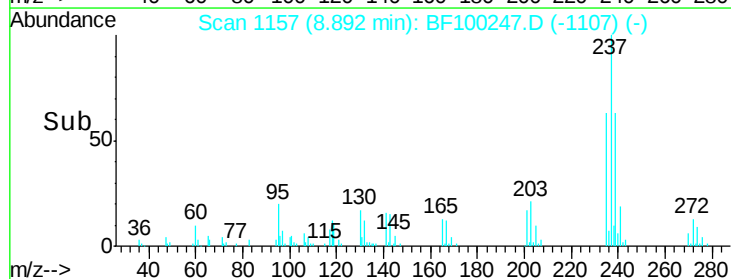
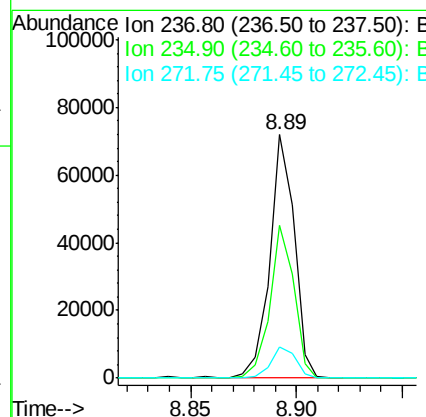
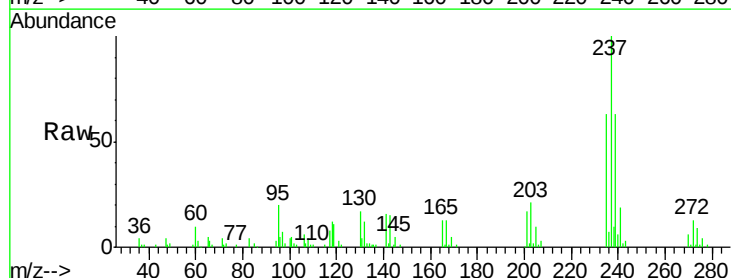
Manual Integrations
 APPROVED

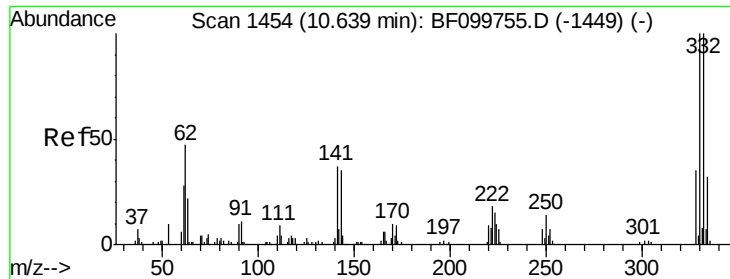
Sohil
 11/7/2017 5:39:37 PM



#40
 Hexachlorocyclopentadiene
 Concen: 54.191 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	58346		
235	62.9	44.8	84.8	
272	12.7	0.0	33.3	





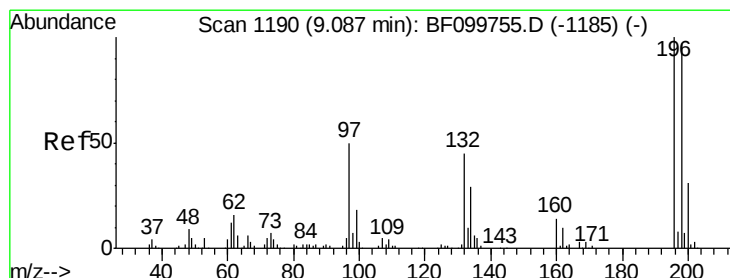
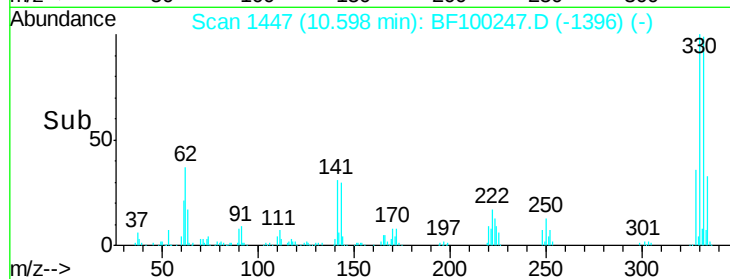
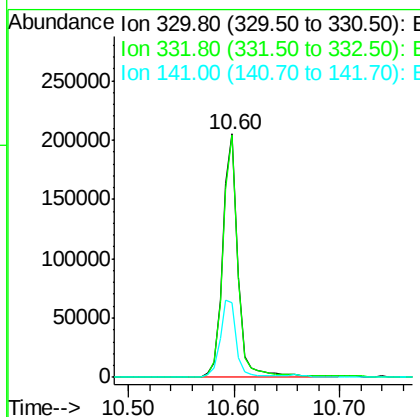
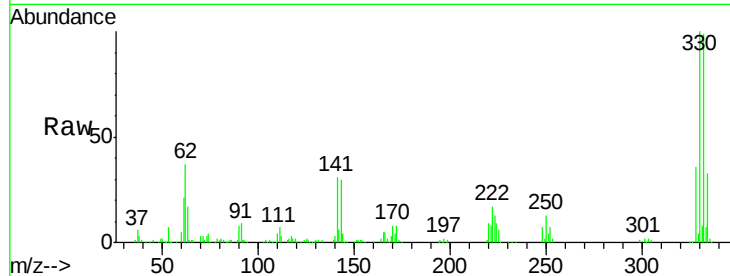
#41
 2,4,6-Tribromophenol
 Concen: 124.899 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	209221		
332	98.3	77.0	115.6	
141	34.0	29.9	44.9	

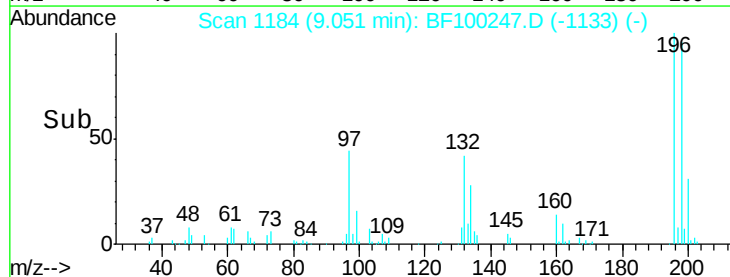
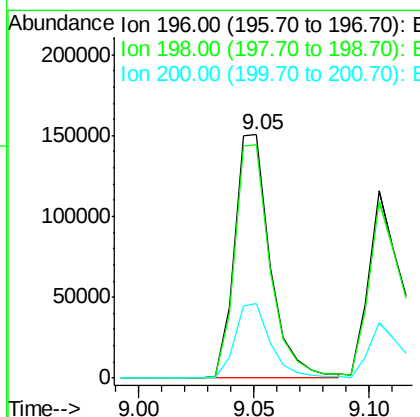
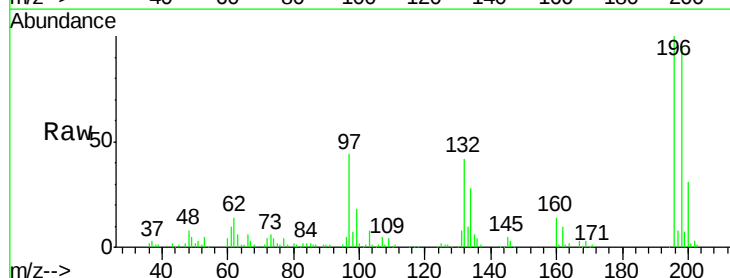
Manual Integrations
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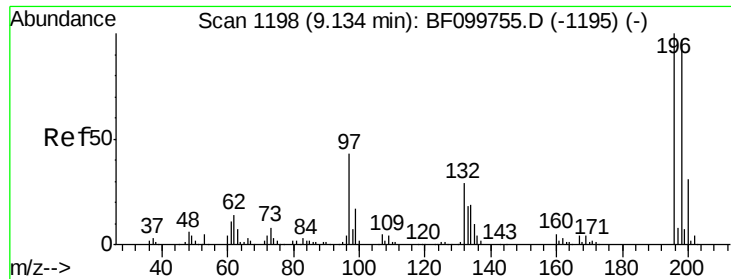
Sohil
 11/7/2017 5:39:37 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.313 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162718		
198	95.7	75.7	113.5	
200	30.8	24.5	36.7	





#43

2,4,5-Trichlorophenol

Concen: 40.902 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Instrument :

BNA_F

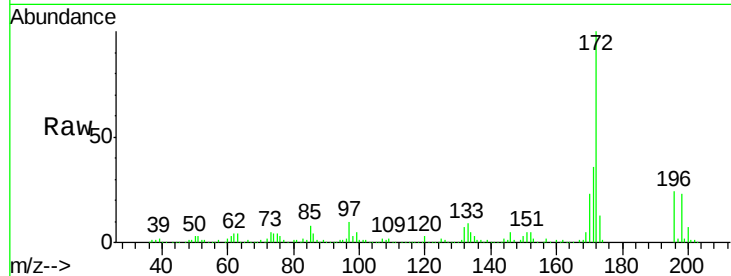
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

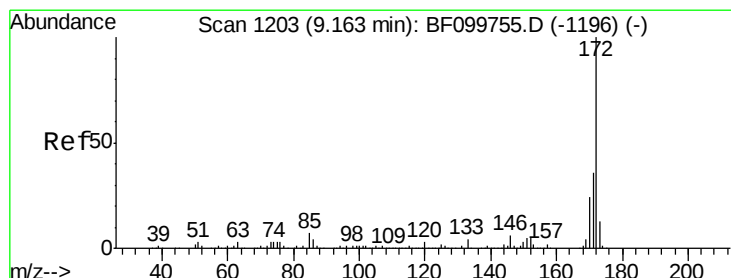
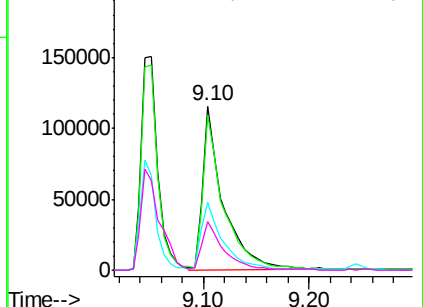
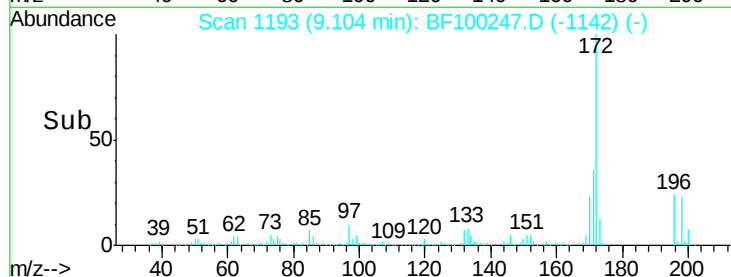
Tgt Ion:	196	Resp:	155866
Ion Ratio	Lower	Upper	
196	100		
198	94.1	74.6	112.0
97	41.6	42.9	64.3#
132	29.7	26.3	39.5

Manual Integrations
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Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 87.002 ng

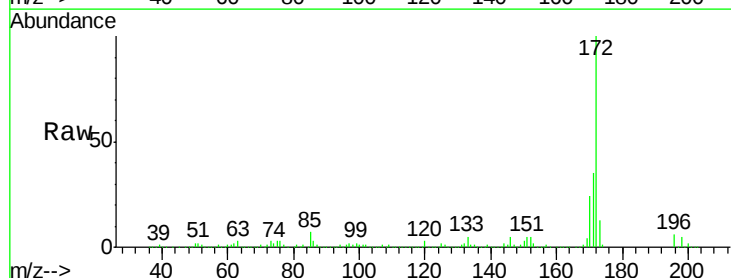
RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

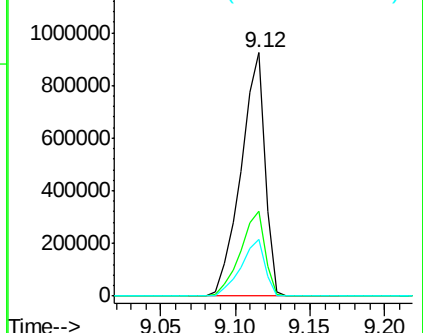
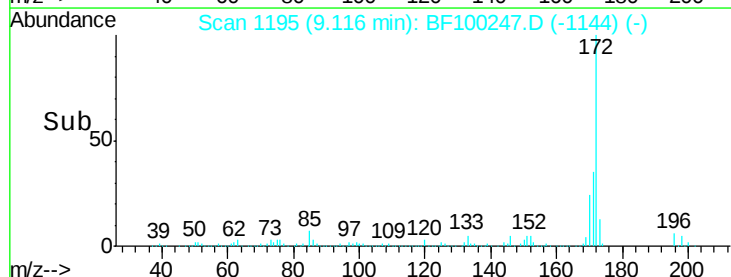
Lab File: BF100247.D

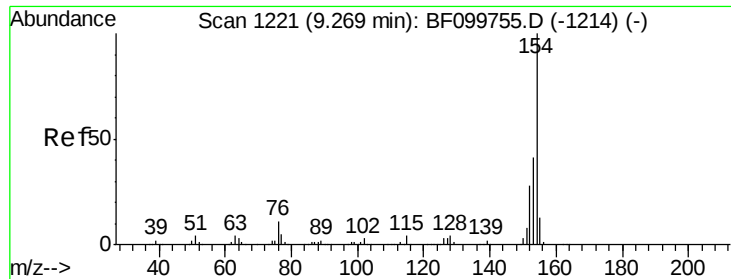
Acq: 6 Nov 2017 13:07

Tgt Ion:	172	Resp:	1036541
Ion Ratio	Lower	Upper	
172	100		
171	35.0	29.7	44.5
170	23.6	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





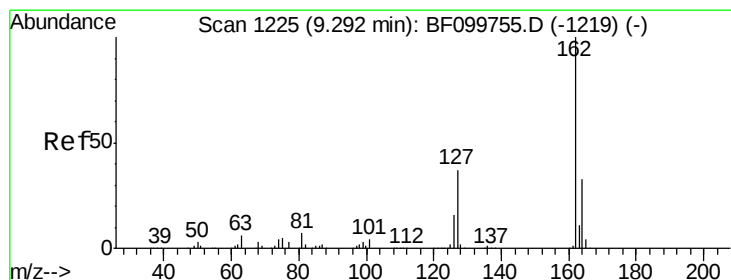
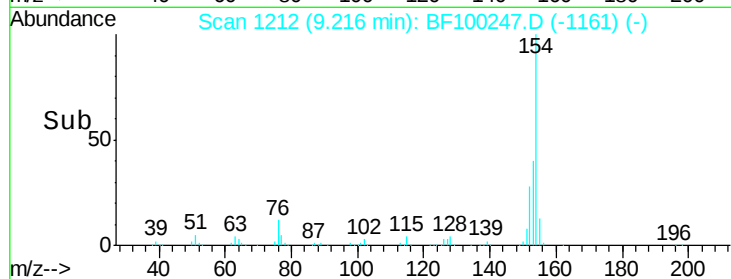
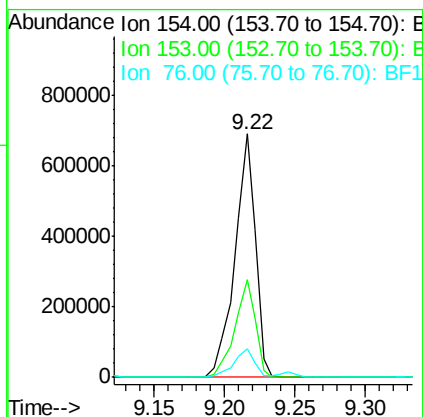
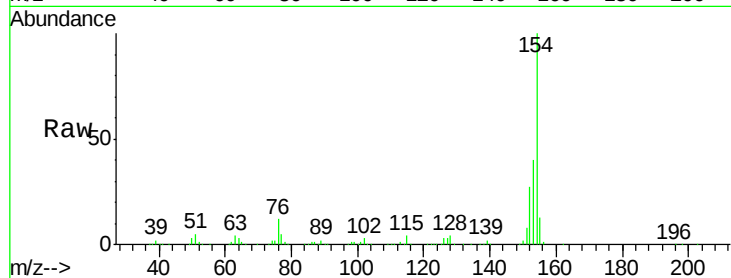
#45
1,1'-Biphenyl
Concen: 41.820 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.2	21.3	61.3
76	12.0	0.0	34.0

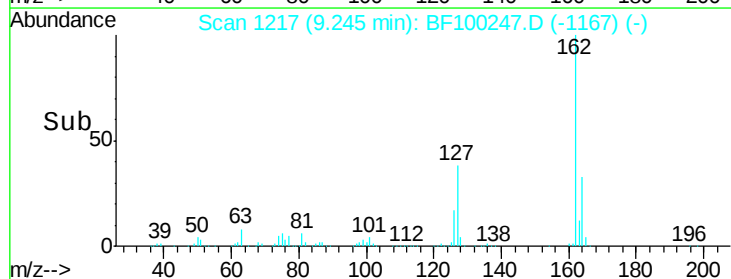
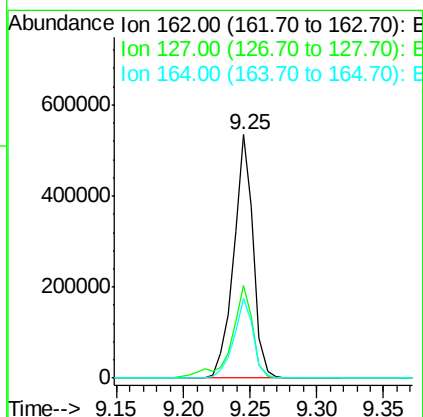
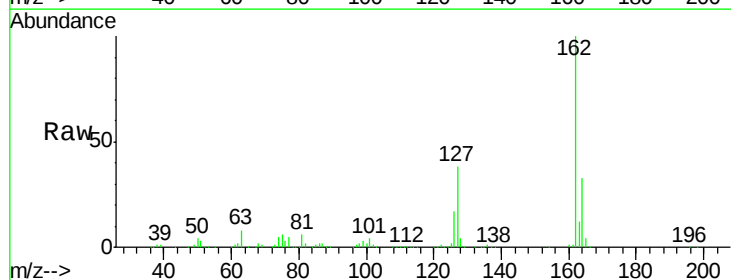
Manual Integrations
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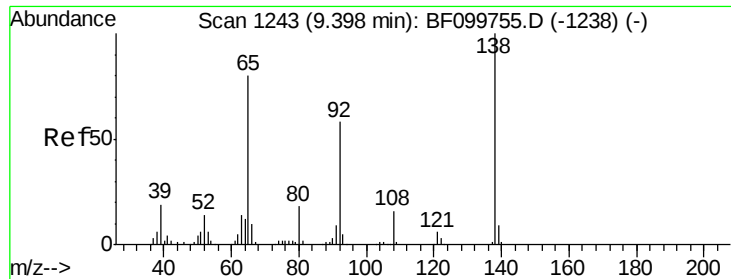
Sohil
11/7/2017 5:39:37 PM



#46
2-Chloronaphthalene
Concen: 45.112 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	38.1	33.9	50.9
164	33.0	26.5	39.7





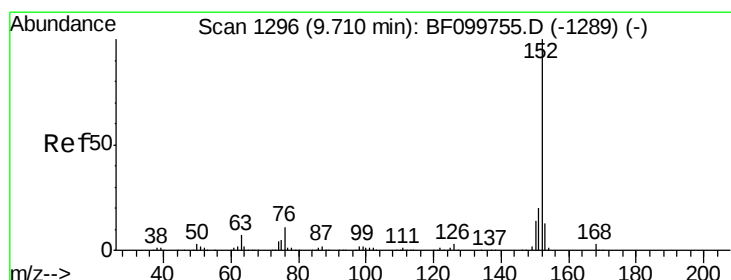
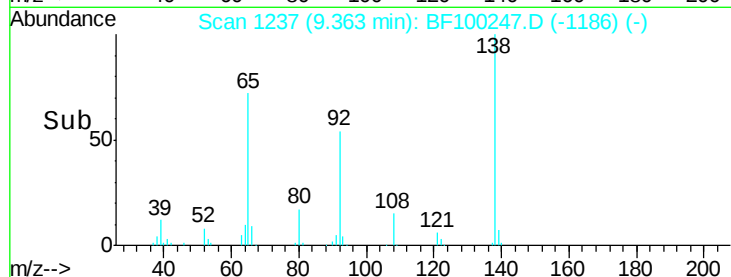
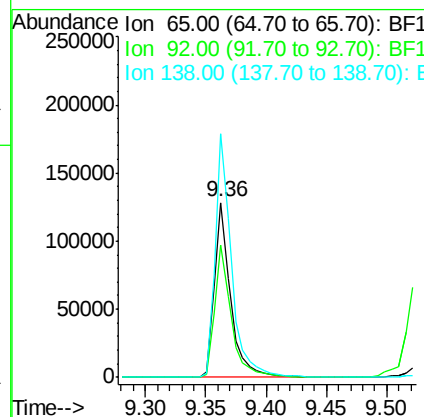
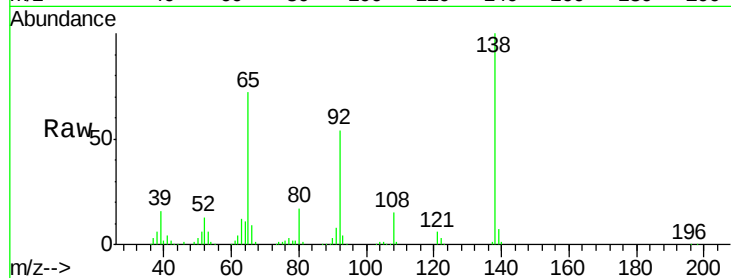
#47
2-Nitroaniline
Concen: 37.586 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	119128		
92	75.7	55.8	83.6	
138	139.5	91.2	136.8	

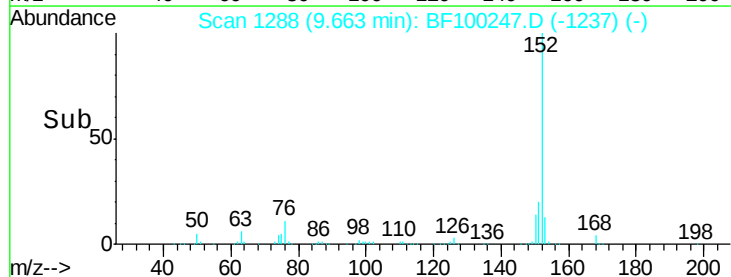
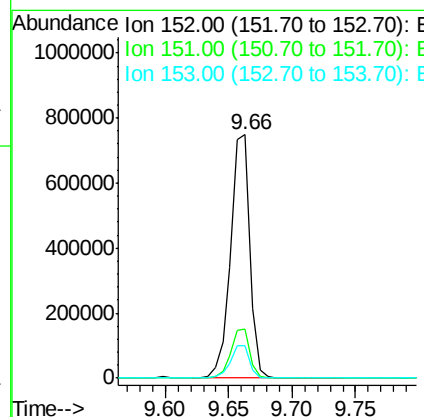
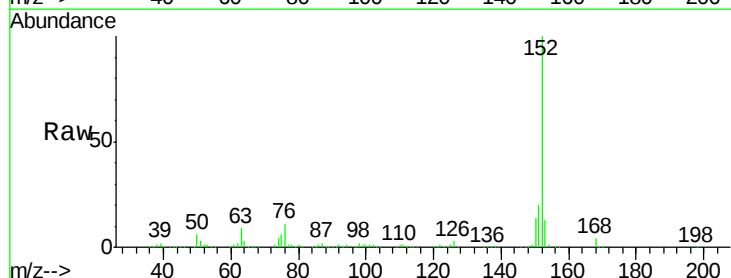
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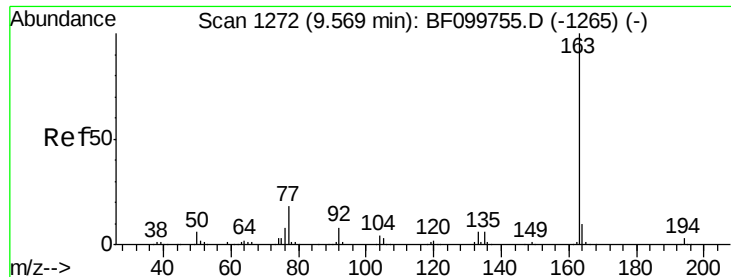
Sohil
11/7/2017 5:39:37 PM



#48
Acenaphthylene
Concen: 42.182 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	784576		
151	20.4	16.3	24.5	
153	13.1	10.7	16.1	





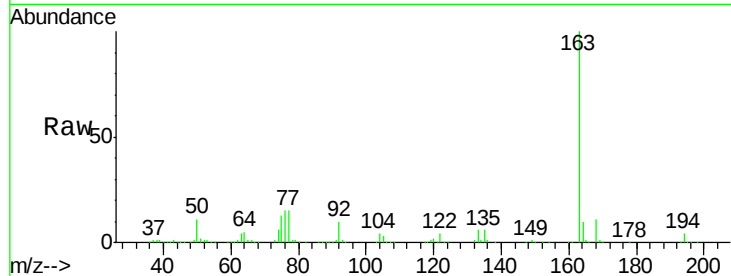
#49
Dimethylphthalate
Concen: 42.349 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

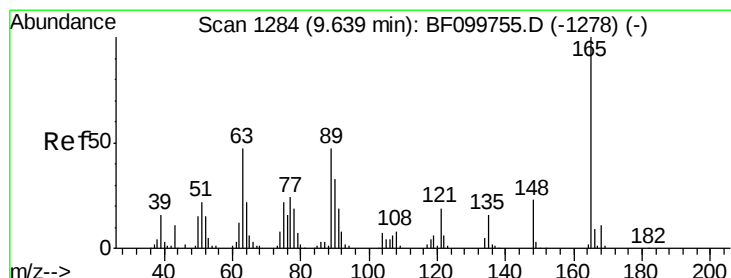
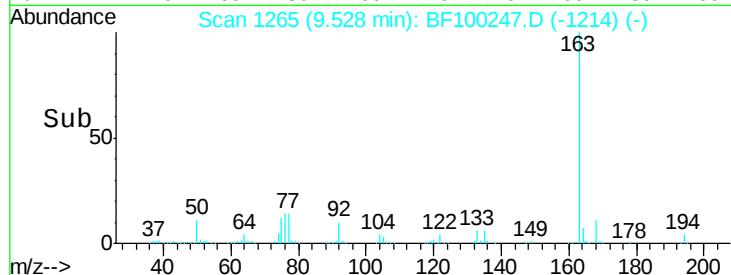
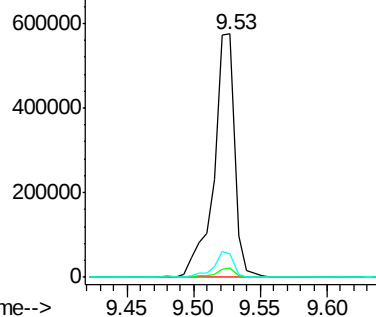
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.8	2.7	4.1
164	9.6	8.2	12.2

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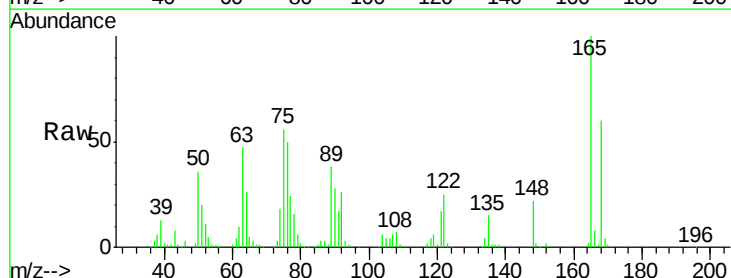


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

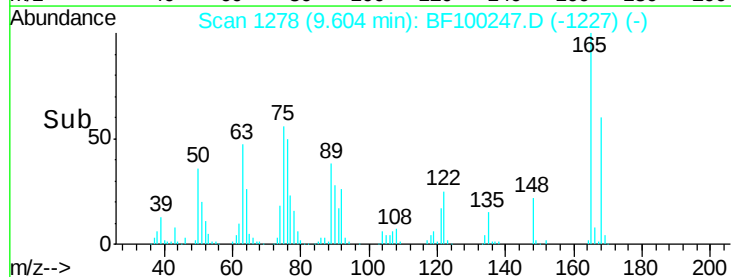
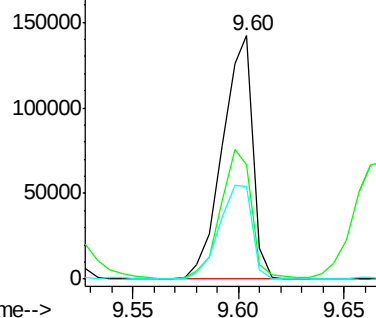


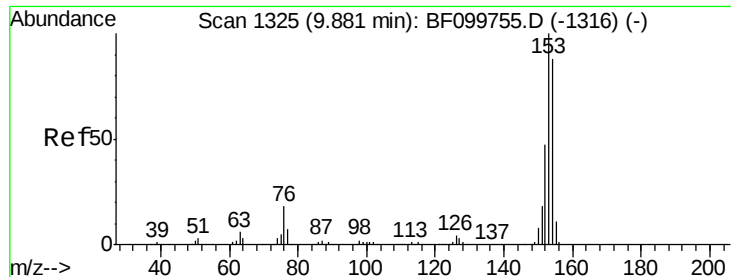
#50
2,6-Dinitrotoluene
Concen: 46.358 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	47.1	44.7	67.1
89	38.2	44.0	66.0#



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





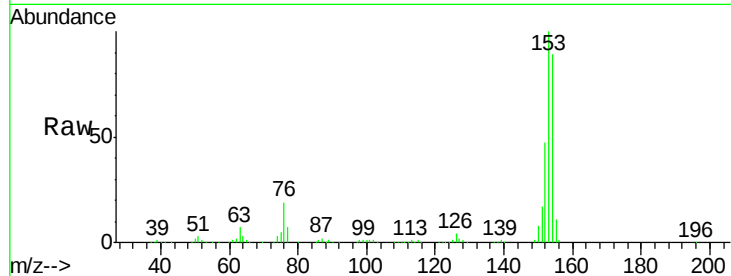
#51
Acenaphthene
Concen: 43.521 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

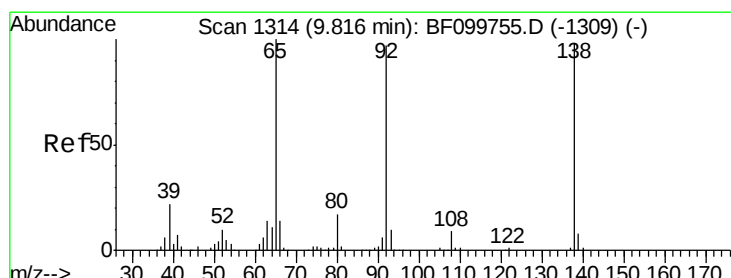
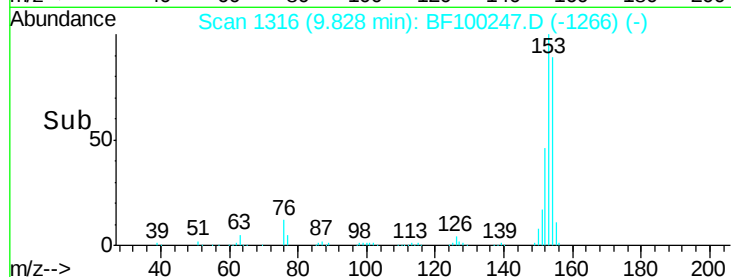
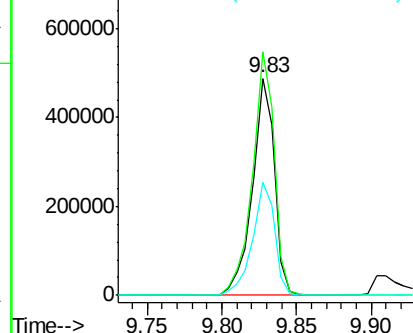
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	494613		
153	112.3	91.2	136.8	
152	52.2	43.8	65.8	

Manual Integrations
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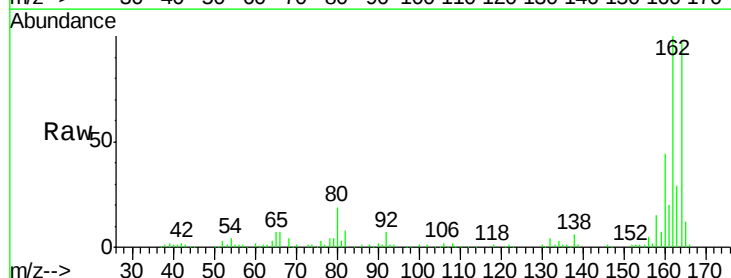


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

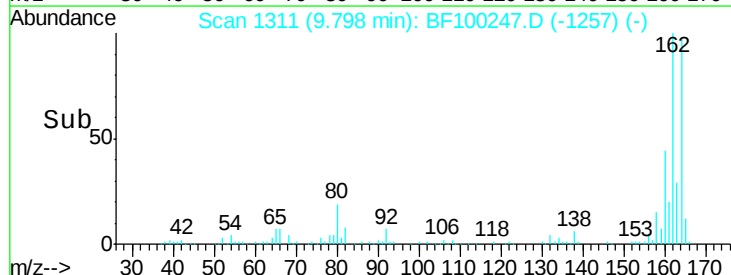
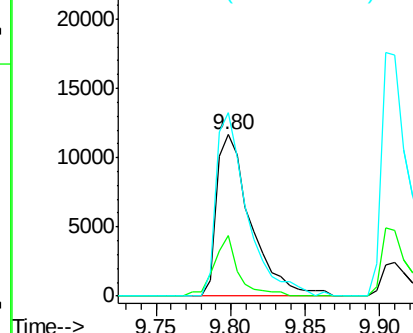


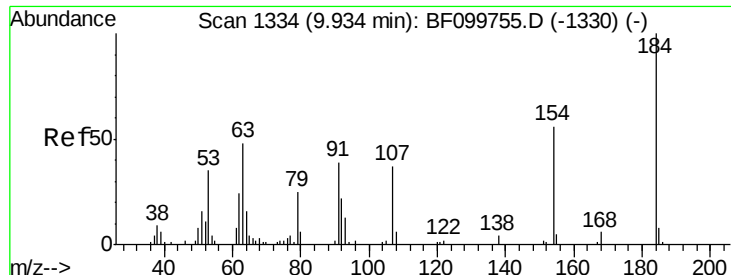
#52
3-Nitroaniline
Concen: 5.172 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.02 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	18649		
108	37.9	9.4	14.0#	
92	113.6	89.4	134.2	



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





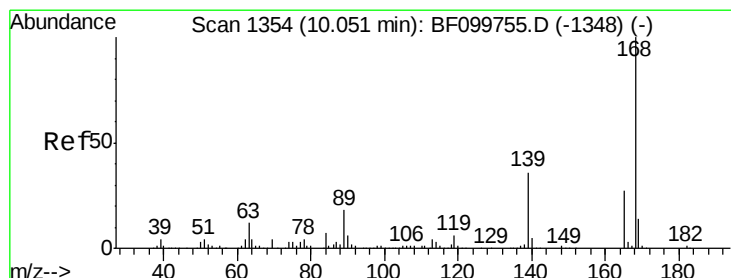
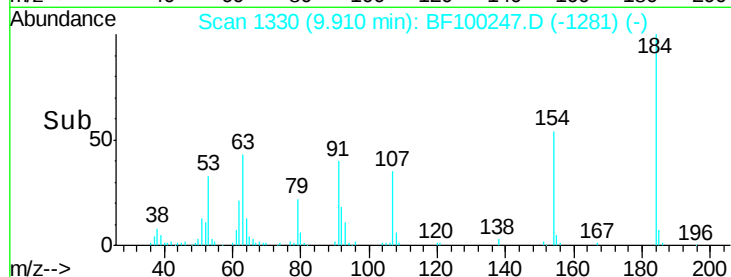
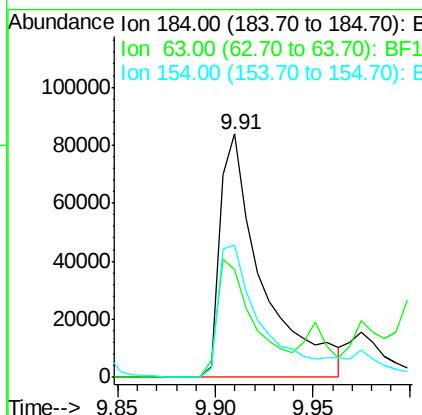
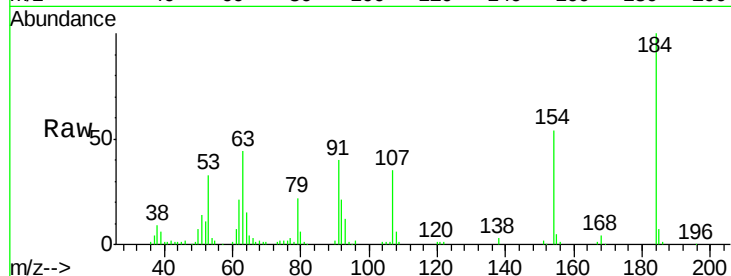
#53
2,4-Dinitrophenol
Concen: 102.776 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	126310		
63	44.4	54.2	81.2#	
154	54.2	53.5	80.3	

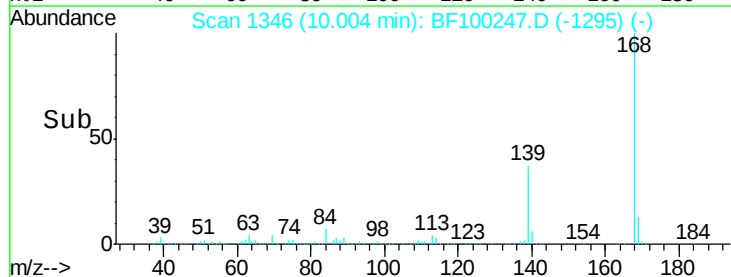
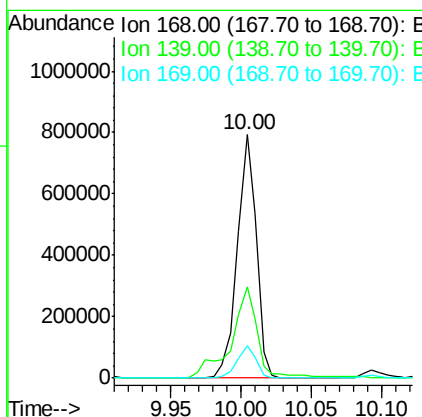
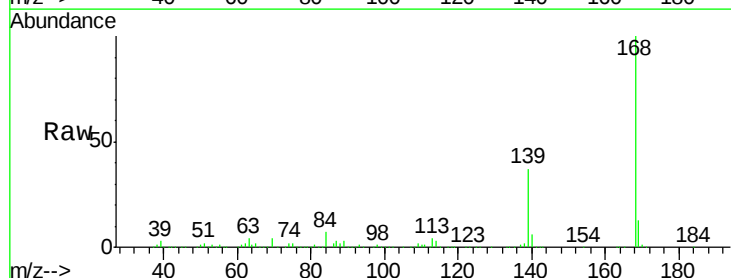
Manual Integrations
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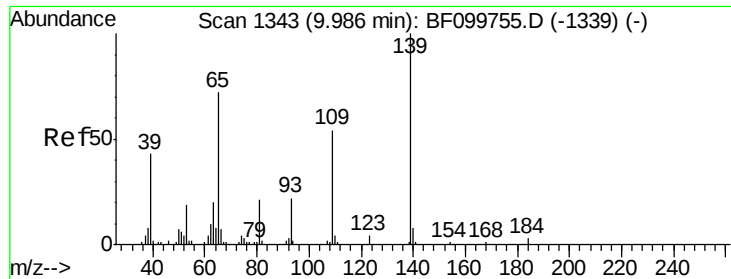
Sohil
11/7/2017 5:39:37 PM



#54
Dibenzofuran
Concen: 46.205 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	741246		
139	37.3	30.1	45.1	
169	13.4	10.9	16.3	





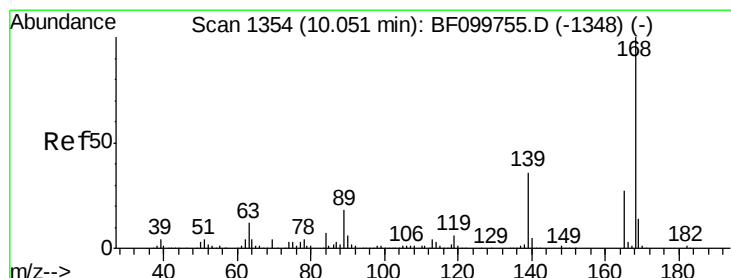
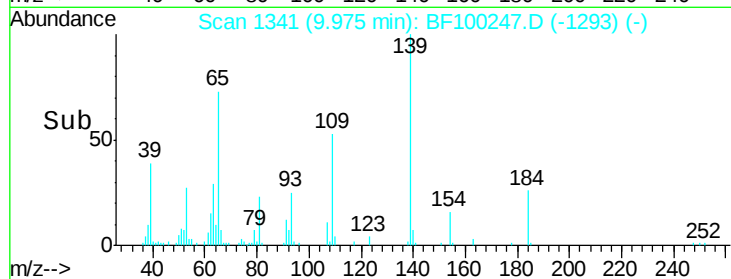
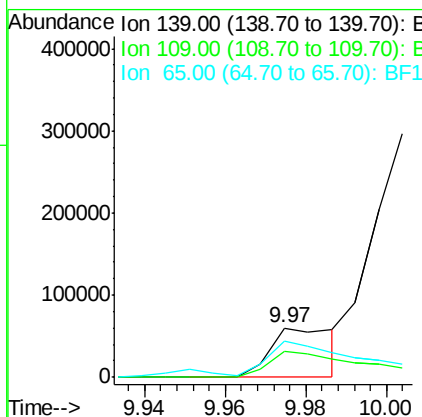
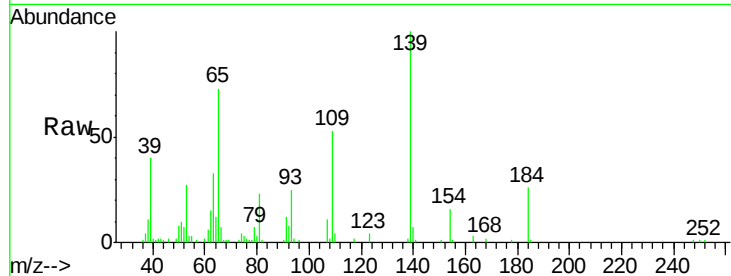
#55
4-Nitrophenol
Concen: 35.730 ng m
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	67315		
109	53.0	48.4	88.4	
65	73.0	72.6	112.6	

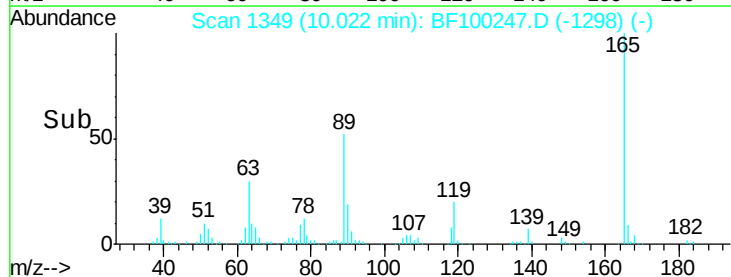
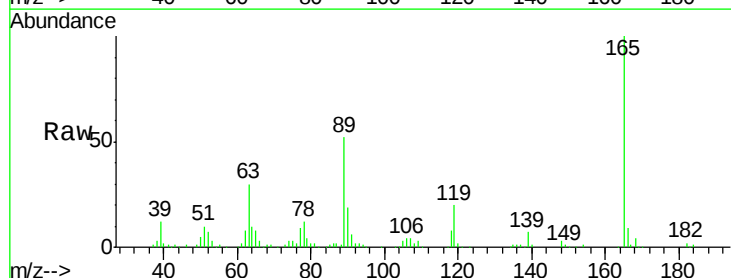
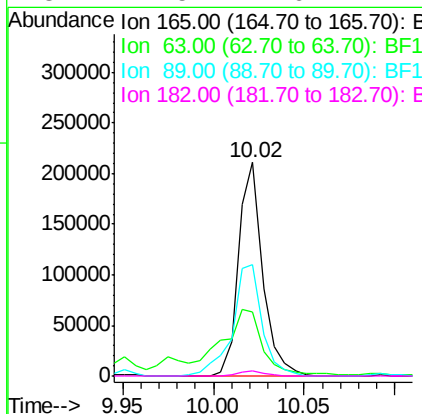
Manual Integrations
APPROVED

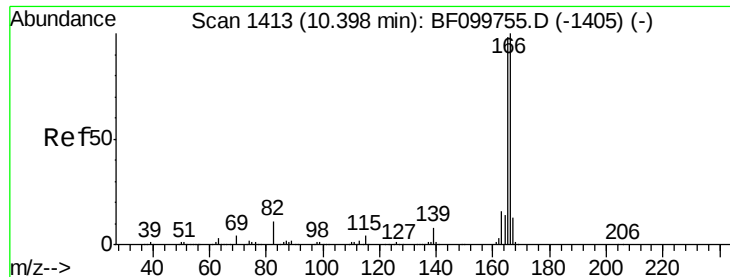
Sohil
11/7/2017 5:39:37 PM



#56
2,4-Dinitrotoluene
Concen: 52.994 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	195298		
63	29.8	36.4	54.6#	
89	51.9	57.8	86.6#	
182	2.5	1.6	2.4#	





#57

Fluorene

Concen: 44.309 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Instrument :

BNA_F

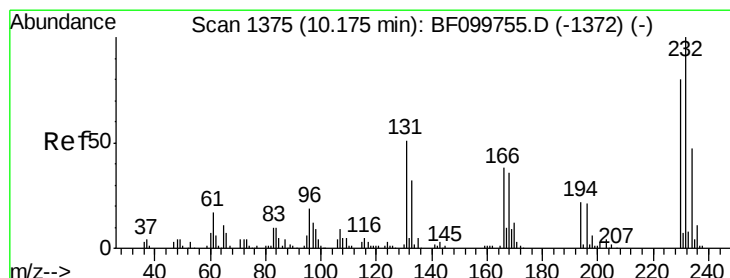
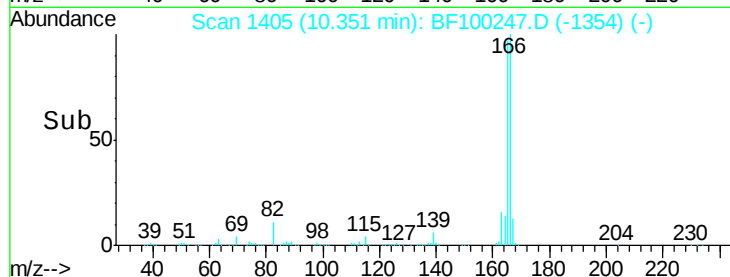
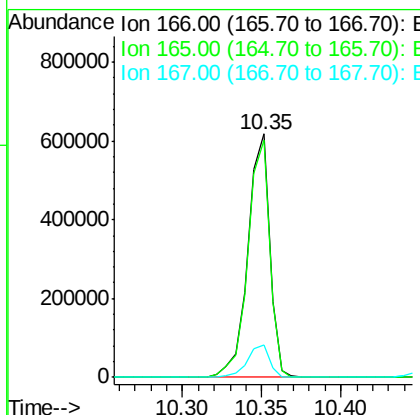
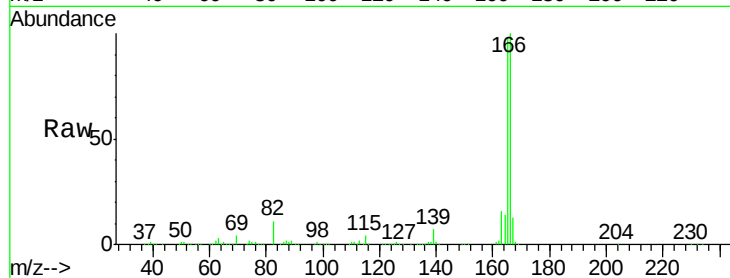
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	166	Resp:	588543
Ion Ratio	Lower	Upper	
166	100		
165	97.6	79.8	119.8
167	13.2	10.6	16.0

Manual Integrations
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Sohil
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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.050 ng

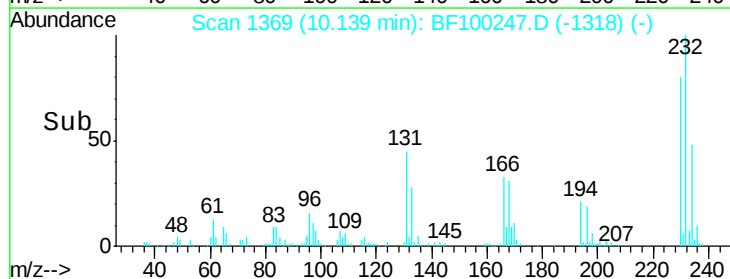
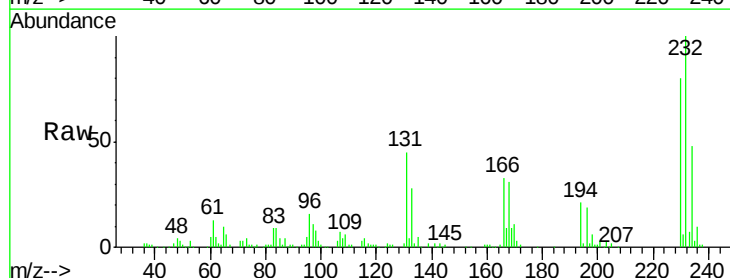
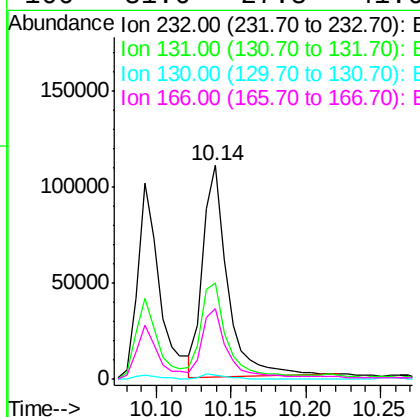
RT: 10.14 min Scan# 1369

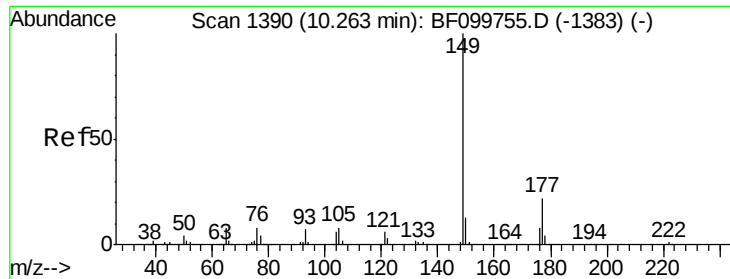
Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Tgt Ion:	232	Resp:	125710
Ion Ratio	Lower	Upper	
232	100		
131	46.7	43.8	65.8
130	2.3	2.1	3.1
166	31.6	27.8	41.6





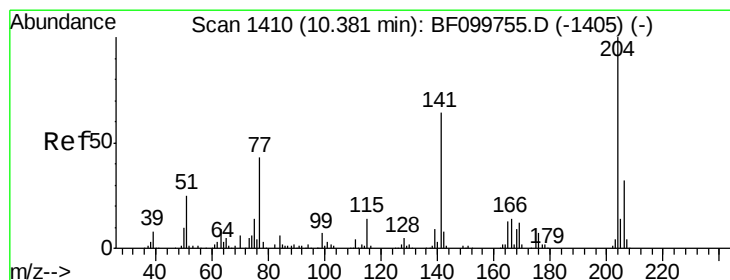
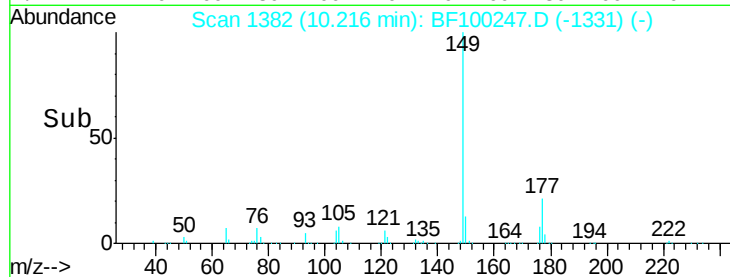
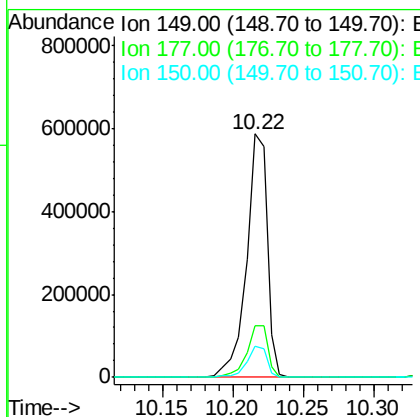
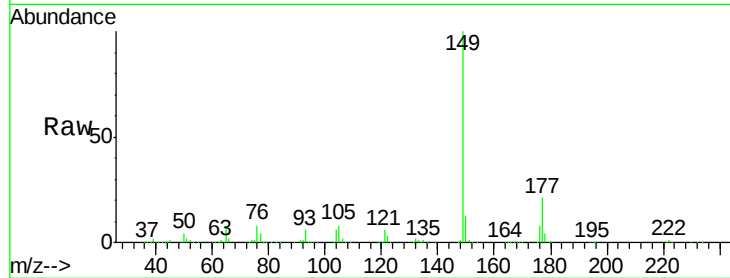
#59
Diethylphthalate
Concen: 42.481 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	603872		
177	21.3	16.1	24.1	
150	12.8	10.1	15.1	

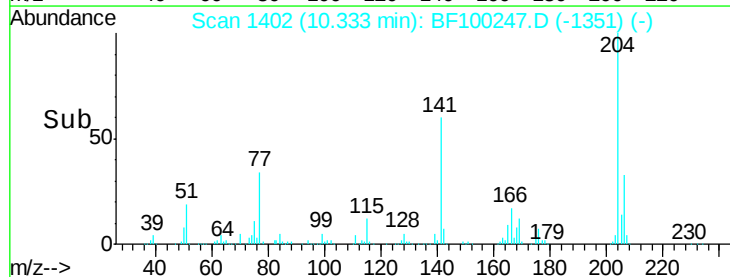
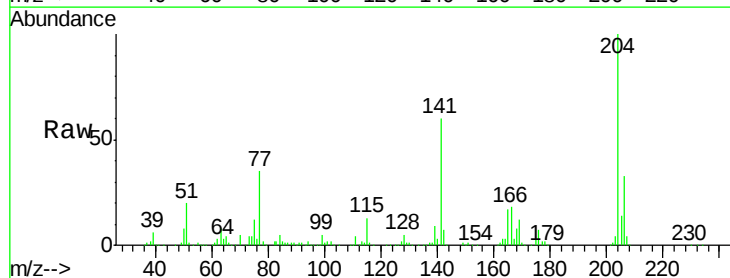
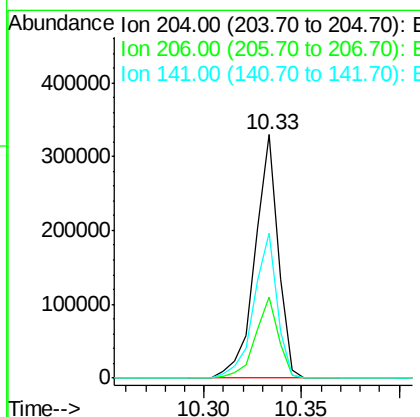
Manual Integrations
APPROVED

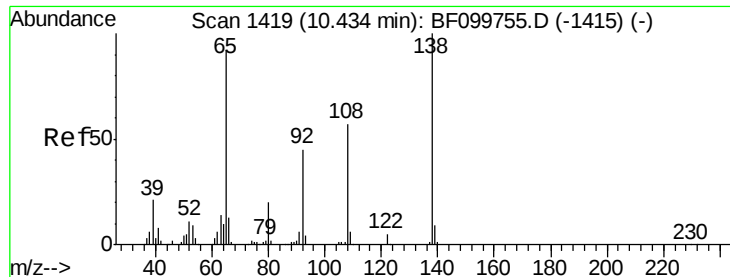
Sohil
11/7/2017 5:39:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.499 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	271924		
206	33.2	26.5	39.7	
141	59.7	54.6	81.8	





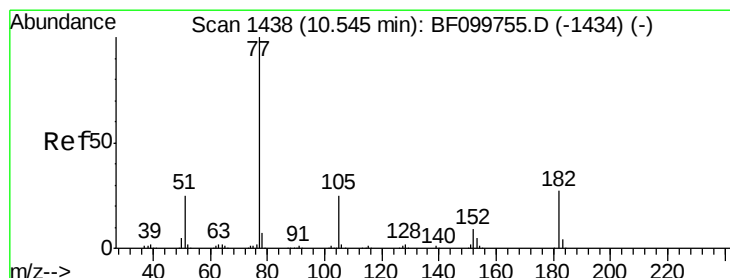
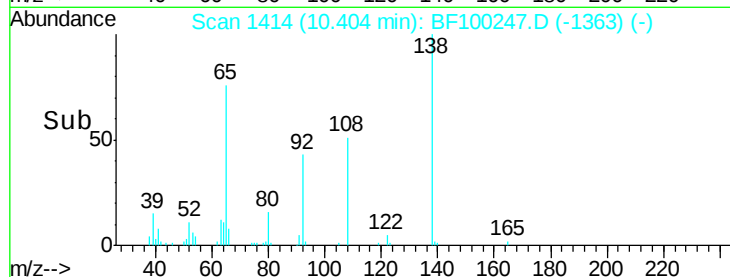
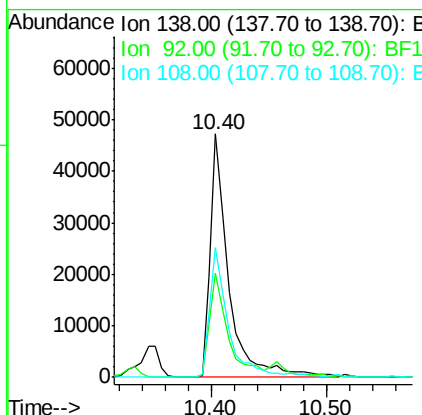
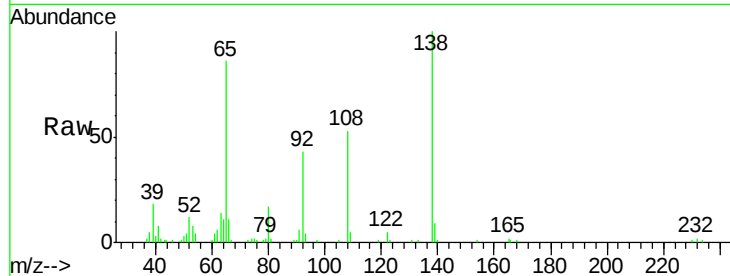
#61
4-Nitroaniline
Concen: 15.128 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.6	30.2	70.2
108	53.1	52.5	92.5

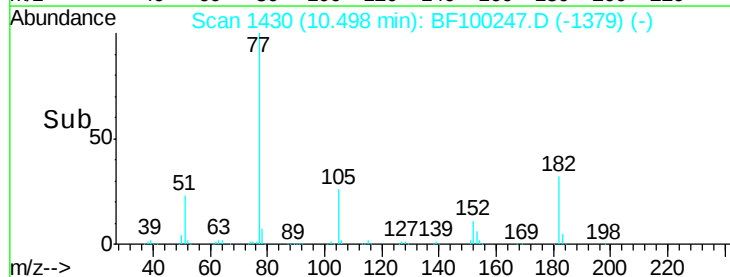
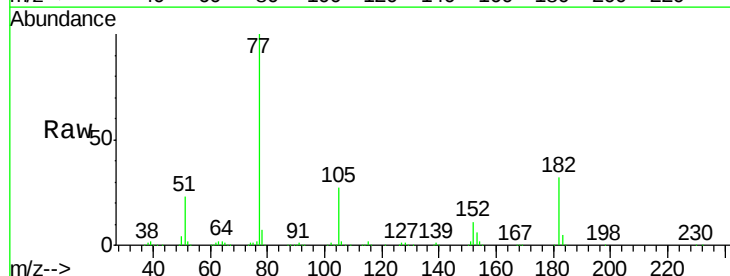
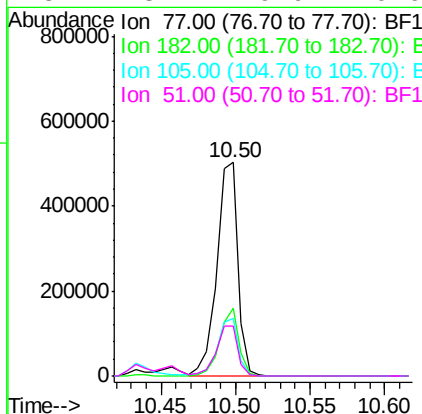
Manual Integrations
APPROVED

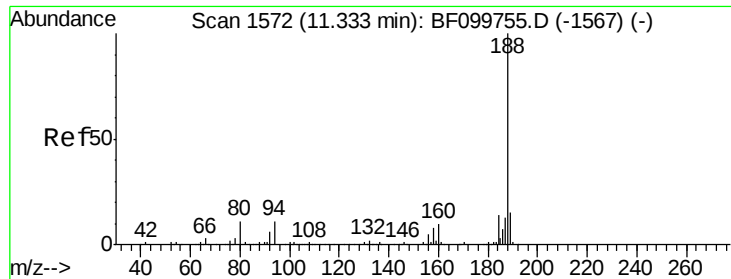
Sohil
11/7/2017 5:39:37 PM



#62
Azobenzene
Concen: 41.804 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.0	1.7	41.7
105	27.1	3.0	43.0
51	23.4	9.9	49.9





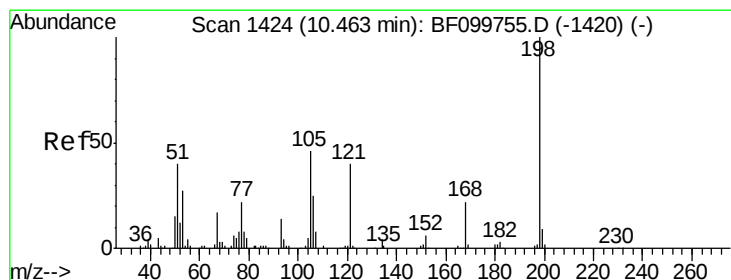
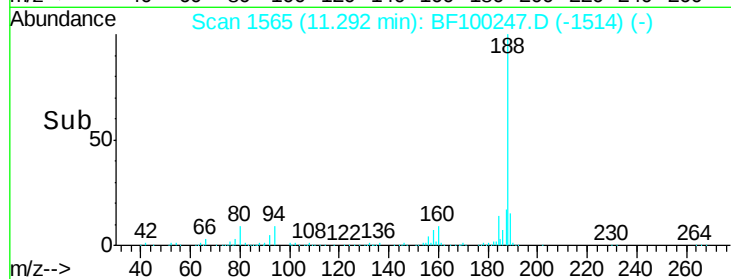
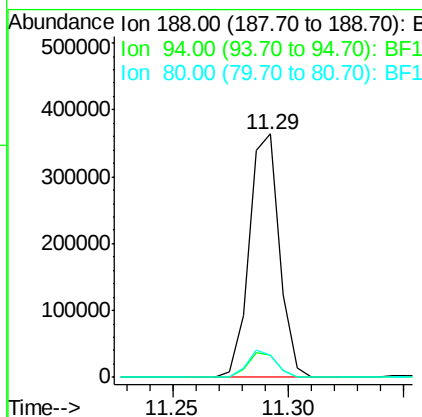
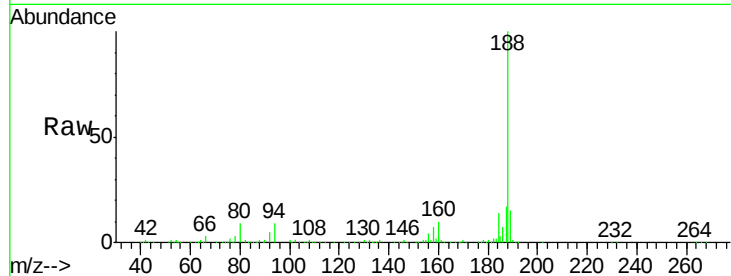
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	333448		
94	8.9		8.5	12.7
80	9.3		9.2	13.8

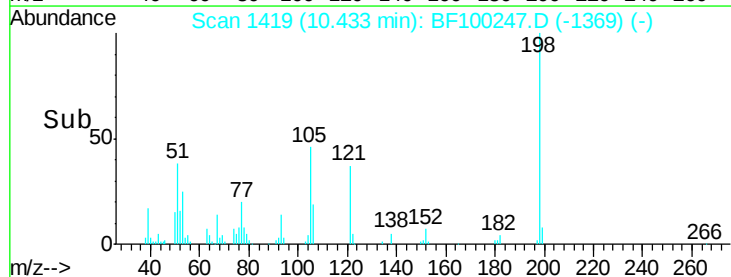
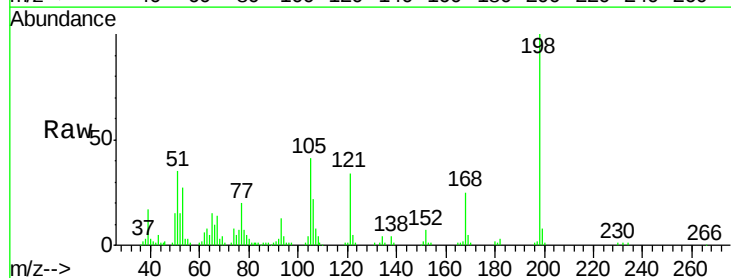
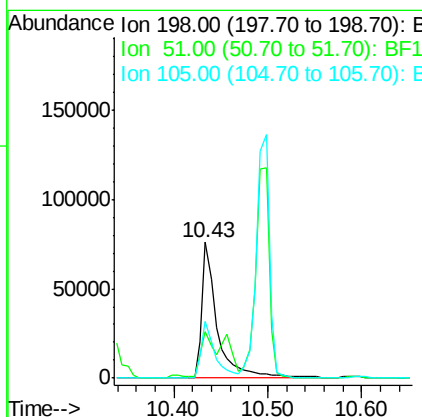
Manual Integrations
APPROVED

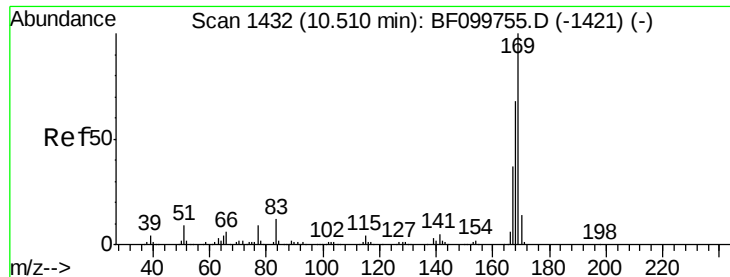
Sohil
11/7/2017 5:39:37 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.604 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	87205		
51	34.5		37.7	77.7#
105	41.5		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 15.058 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Instrument :

BNA_F

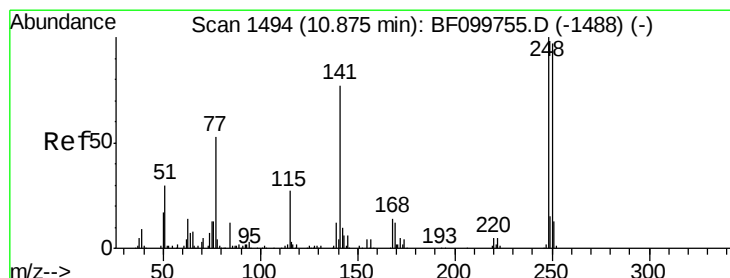
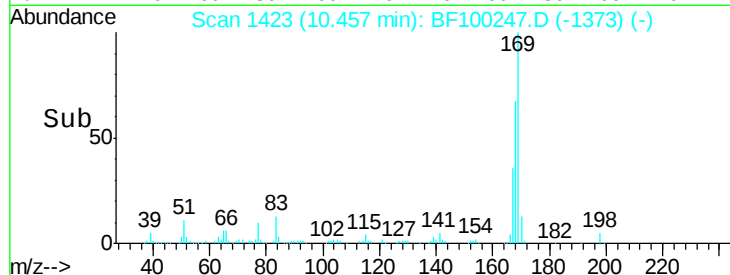
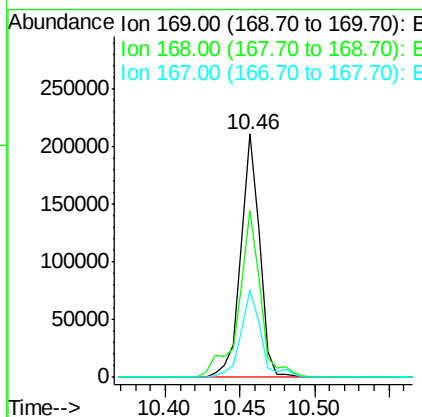
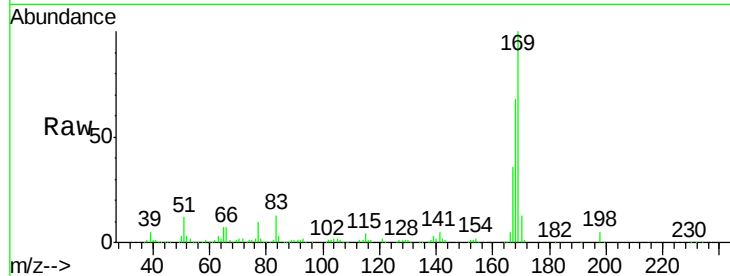
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	169	Resp:	185352
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.4	81.6
167	36.2	29.8	44.6

Manual Integrations
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11/7/2017 5:39:37 PM



#66

4-Bromophenyl-phenylether

Concen: 44.839 ng

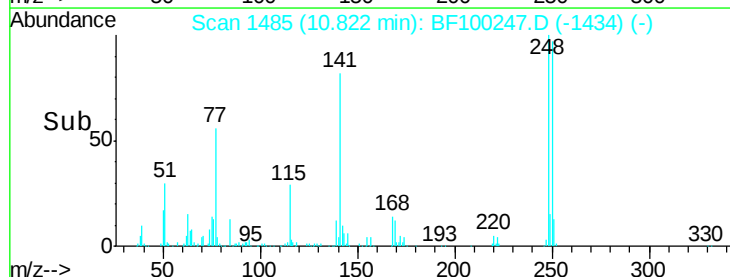
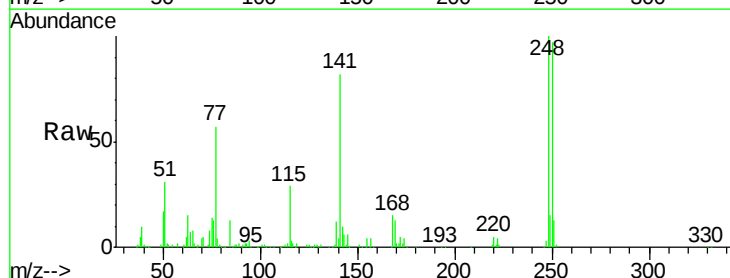
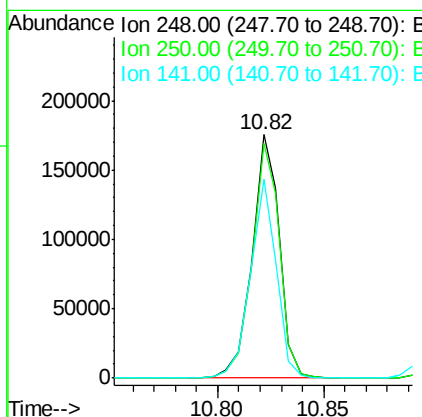
RT: 10.82 min Scan# 1485

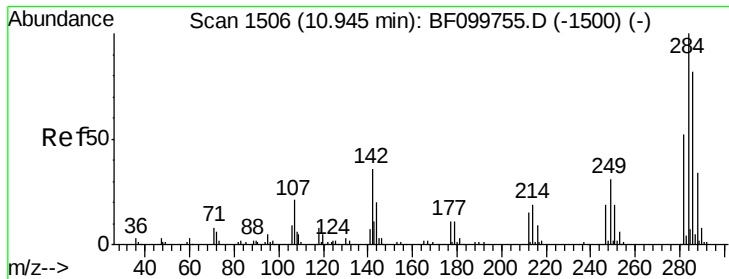
Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Tgt Ion:	248	Resp:	157402
Ion Ratio	Lower	Upper	
248	100		
250	96.5	76.9	115.3
141	81.8	74.4	111.6





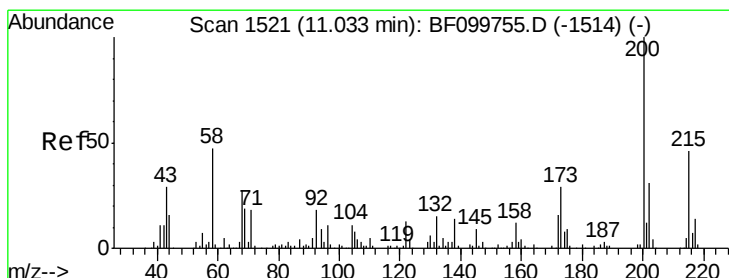
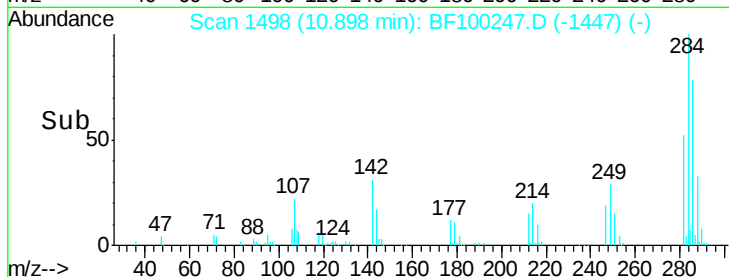
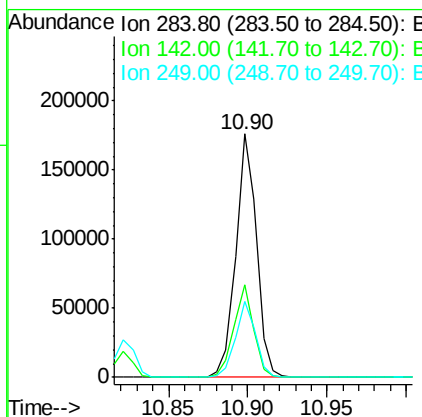
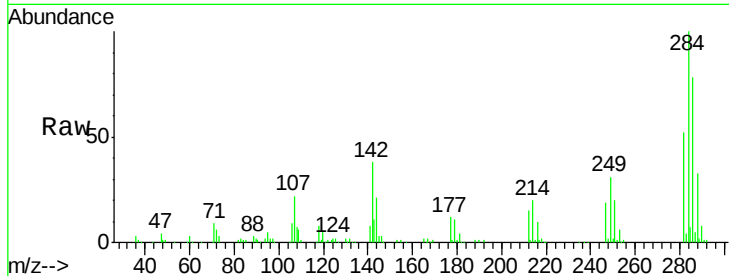
#67
Hexachlorobenzene
Concen: 44.550 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	159994		
142	38.1	34.6	52.0	
249	31.4	24.8	37.2	

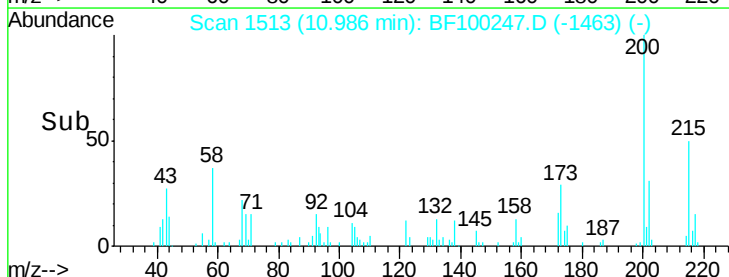
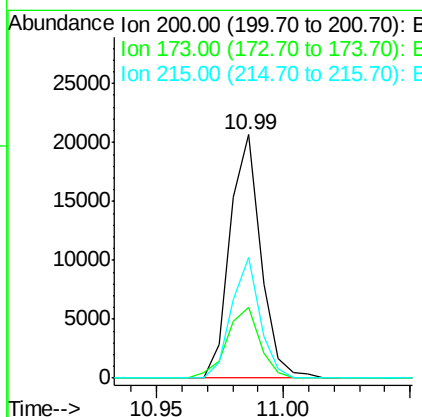
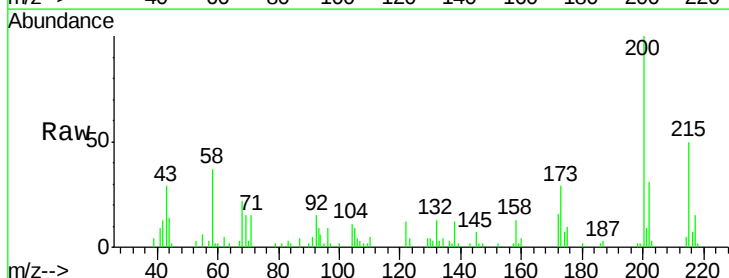
Manual Integrations
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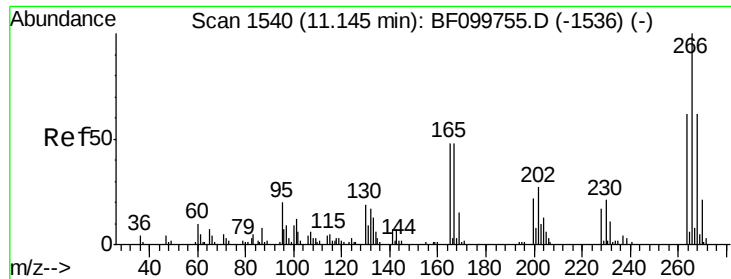
Sohil
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#68
Atrazine
Concen: 4.703 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	17389		
173	28.8	8.6	48.6	
215	49.8	25.1	65.1	





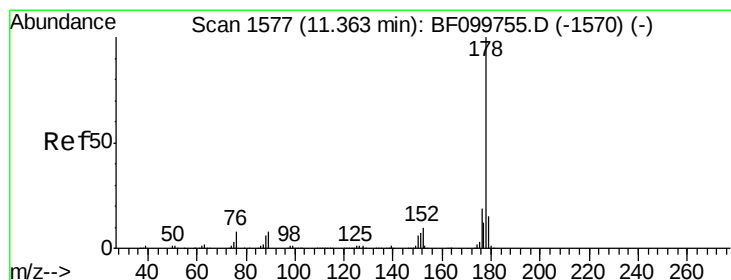
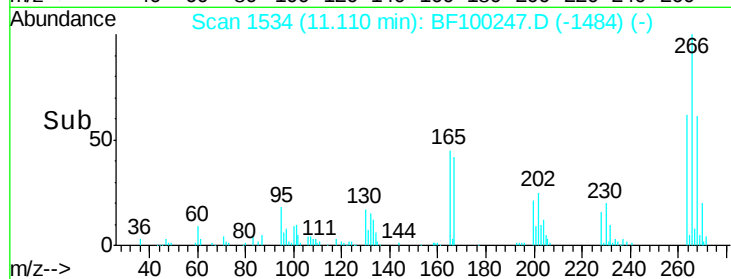
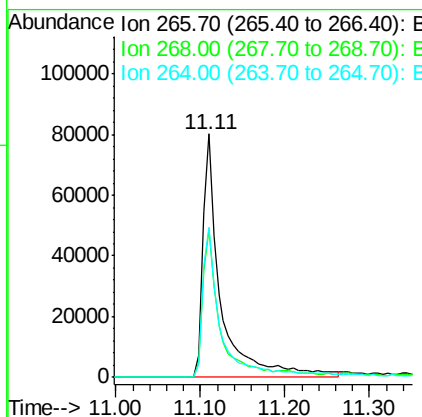
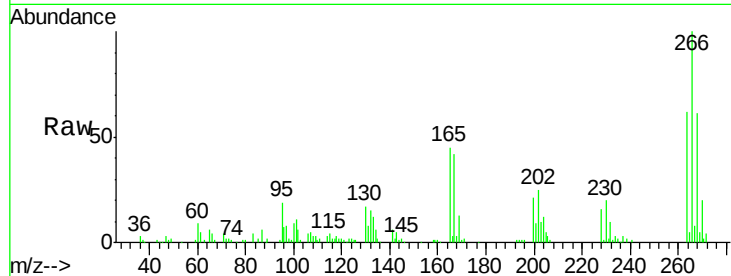
#69
 Pentachlorophenol
 Concen: 76.517 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	117421		
268	60.6	51.1	76.7	
264	61.9	49.5	74.3	

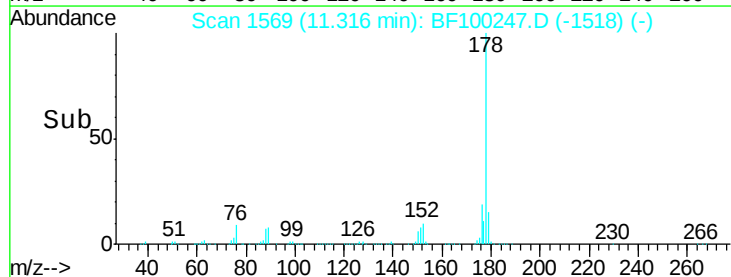
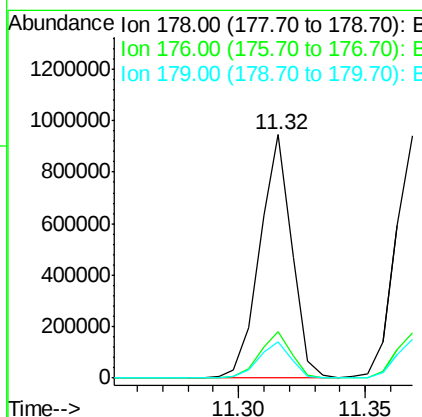
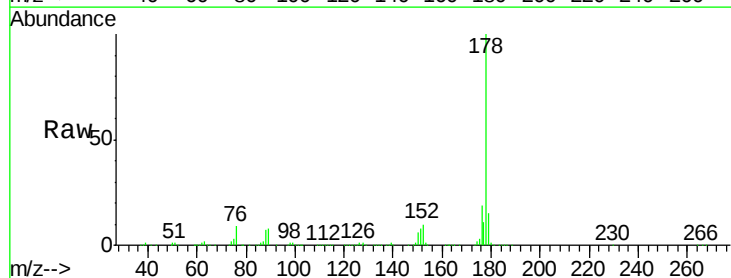
Manual Integrations
 APPROVED

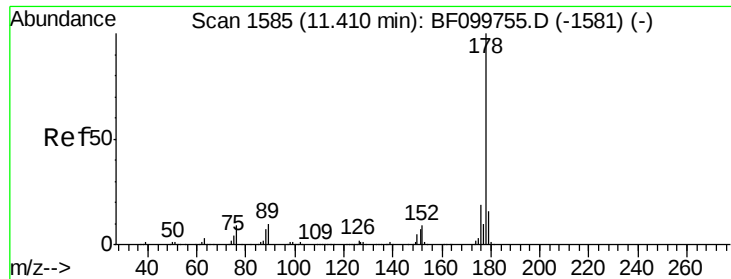
Sohil
 11/7/2017 5:39:37 PM



#70
 Phenanthrene
 Concen: 44.185 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	831479		
176	19.2	15.8	23.8	
179	15.0	13.0	19.6	





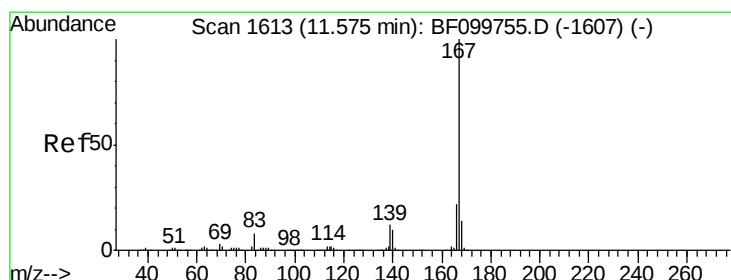
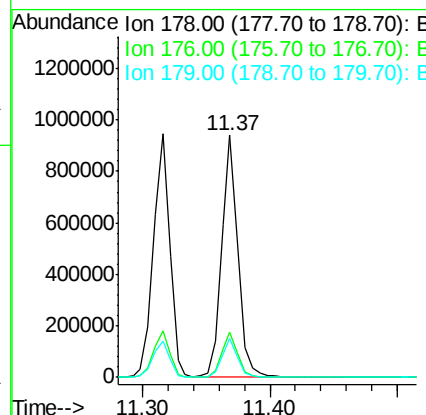
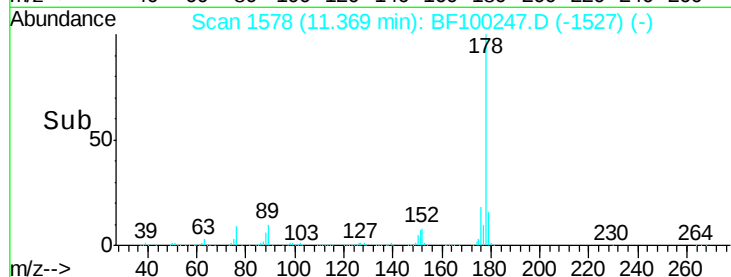
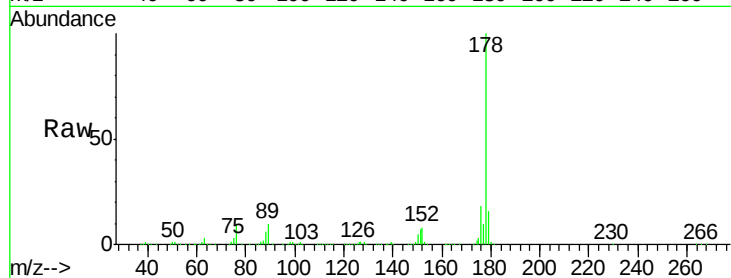
#71
 Anthracene
 Concen: 44.797 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	855690		
176	18.4	15.4	23.2	
179	15.8	12.6	19.0	

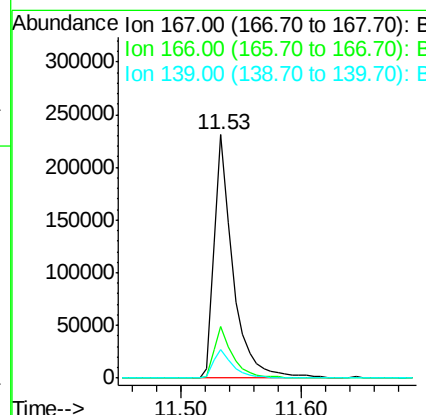
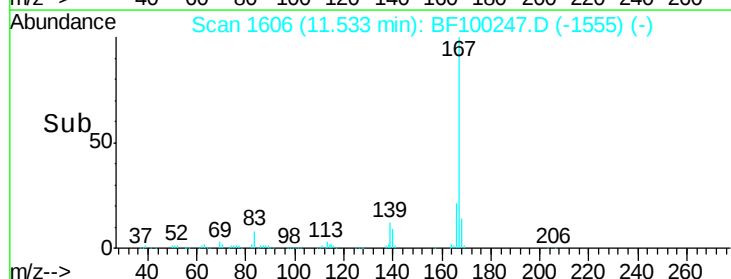
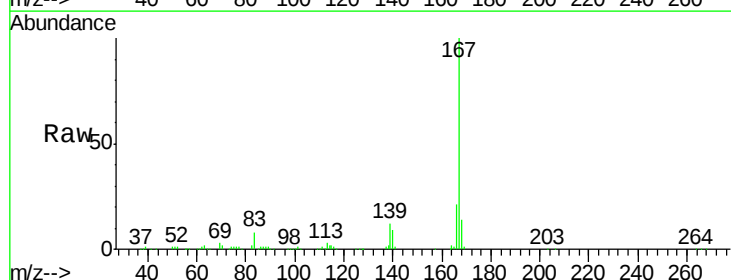
Manual Integrations
 APPROVED

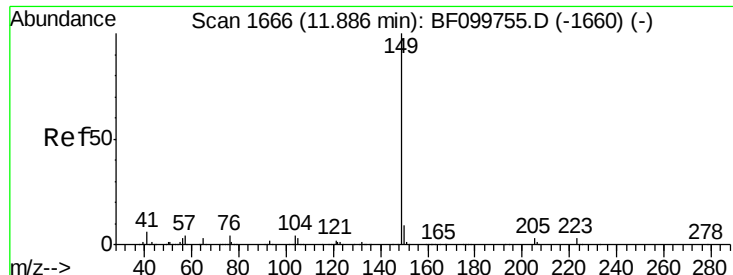
Sohil
 11/7/2017 5:39:37 PM



#72
 Carbazole
 Concen: 13.715 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	246352		
166	21.1	17.6	26.4	
139	11.9	10.9	16.3	





#73

Di-n-butylphthalate

Concen: 41.461 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Instrument :

BNA_F

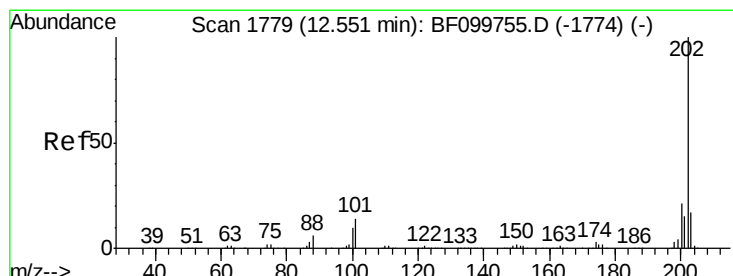
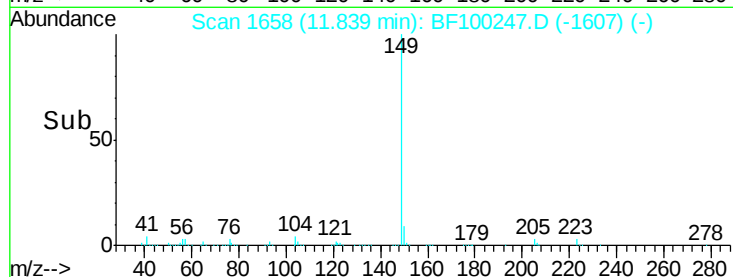
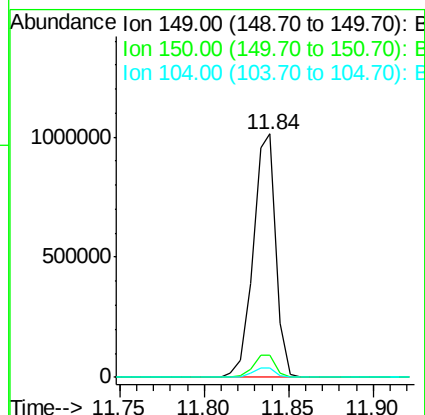
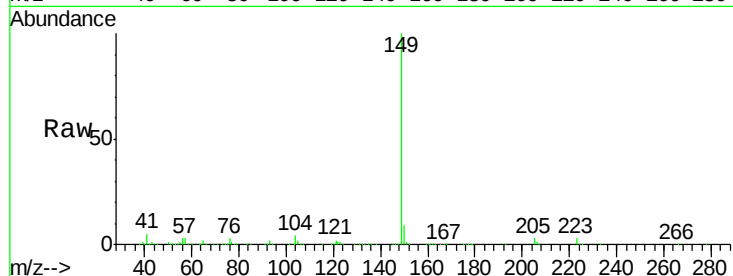
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	149	Resp:	949904
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	3.6	3.8	5.8#

Manual Integrations
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#74

Fluoranthene

Concen: 43.303 ng

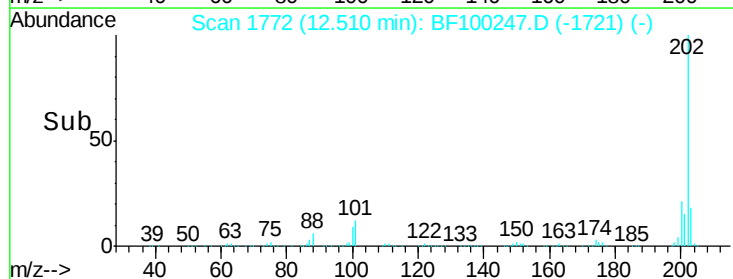
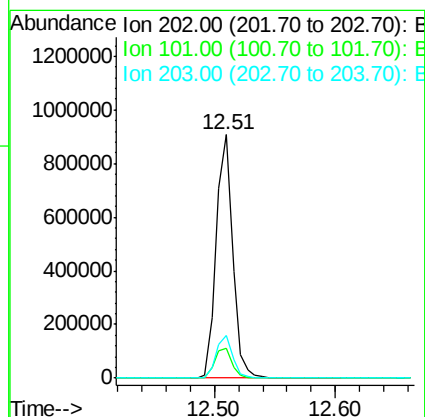
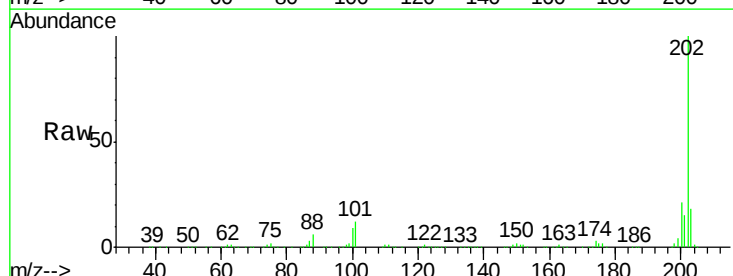
RT: 12.51 min Scan# 1772

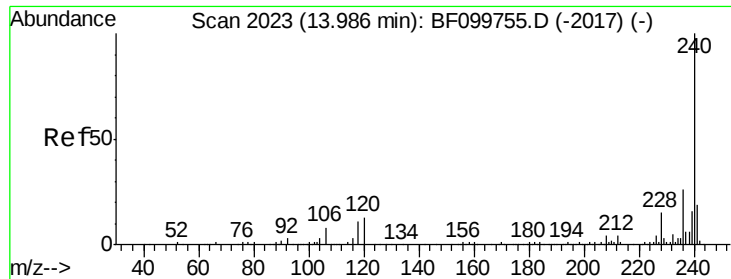
Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Tgt Ion:	202	Resp:	846846
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	17.8	0.0	38.1





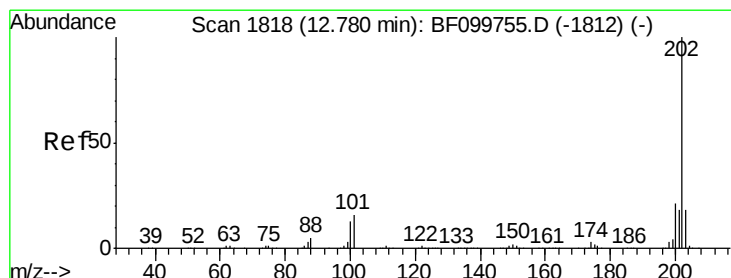
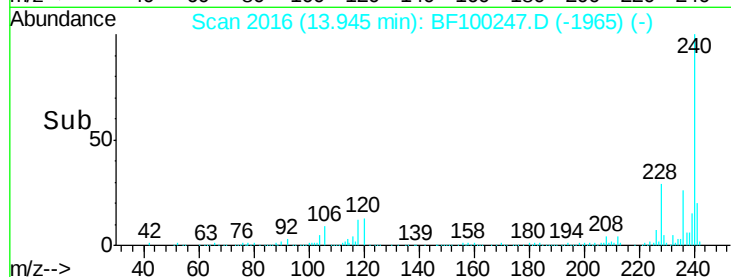
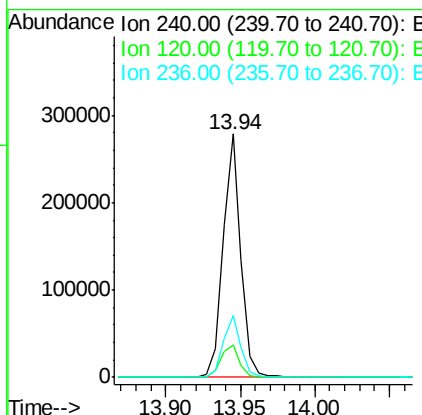
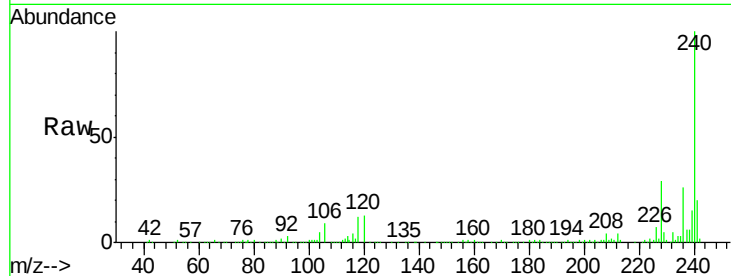
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	233106		
120	13.2	9.5	14.3	
236	25.7	20.7	31.1	

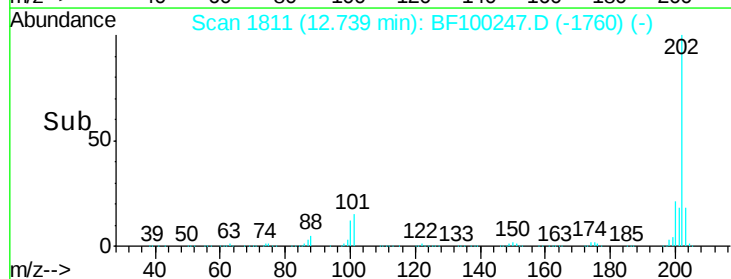
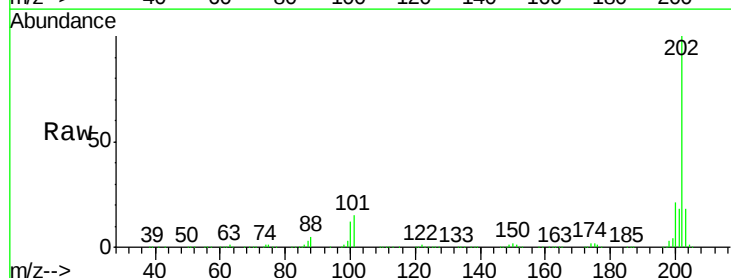
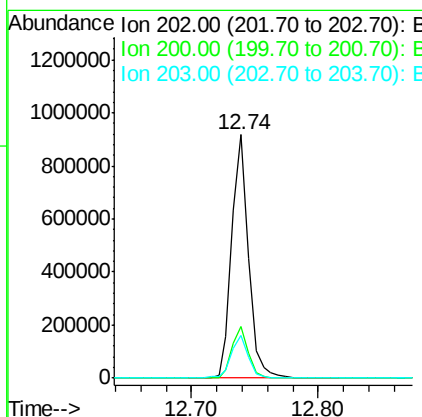
Manual Integrations
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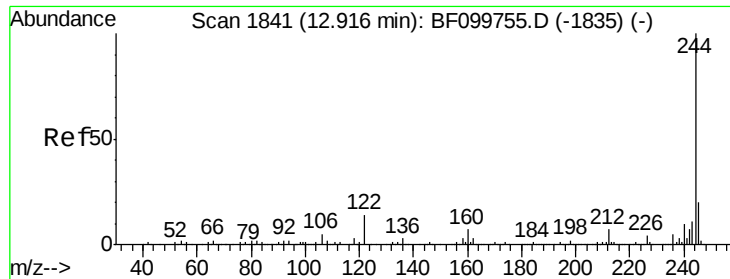
Sohil
11/7/2017 5:39:37 PM



#77
Pyrene
Concen: 46.981 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	832756		
200	21.3	17.4	26.2	
203	17.6	14.3	21.5	





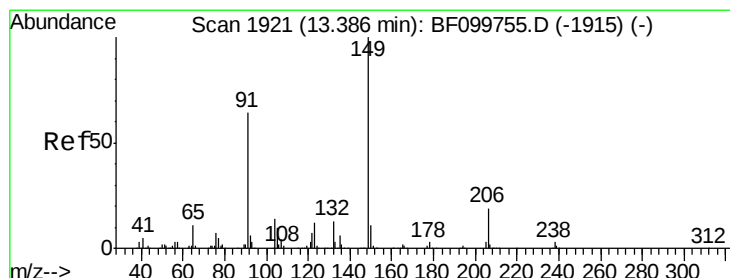
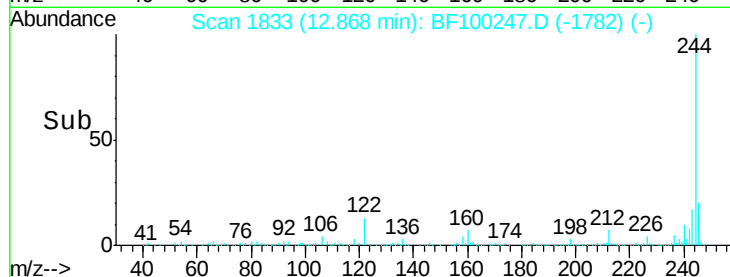
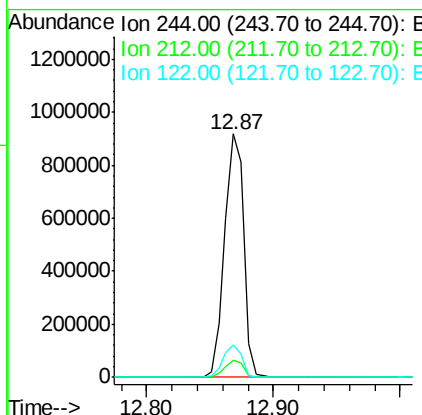
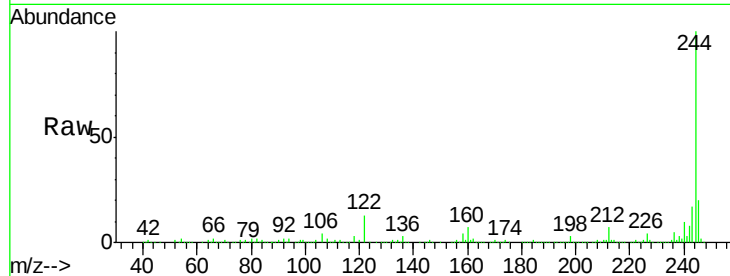
#78
 Terphenyl-d14
 Concen: 89.727 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	957090		
212	7.0	5.4	8.0	
122	13.3	11.0	16.4	

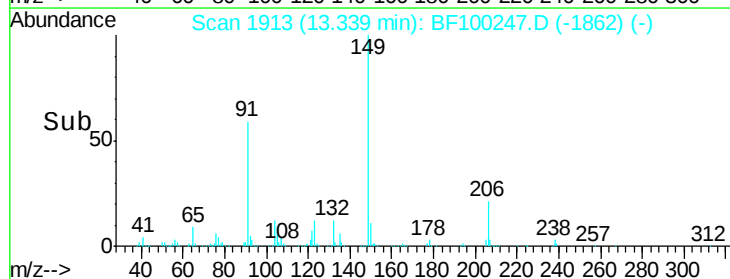
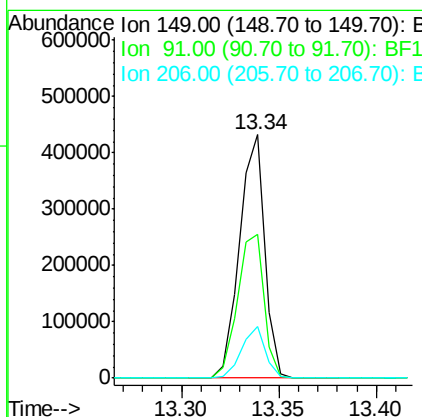
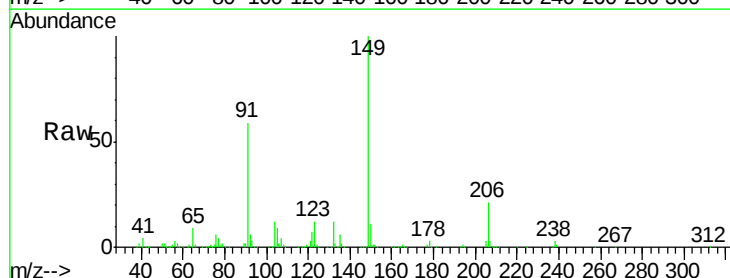
Manual Integrations
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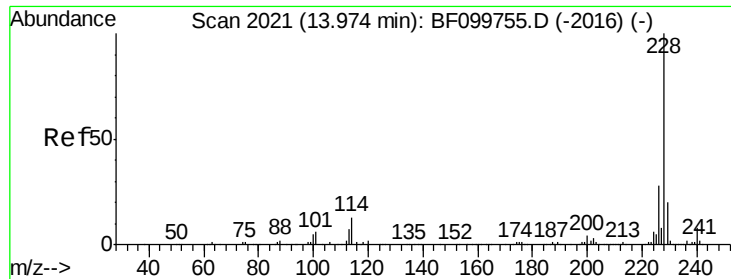
Sohil
 11/7/2017 5:39:37 PM



#79
 Butylbenzylphthalate
 Concen: 44.315 ng
 RT: 13.34 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	386802		
91	59.2	56.8	85.2	
206	21.0	14.1	21.1	





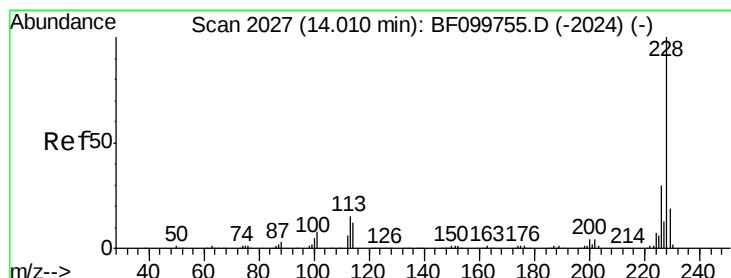
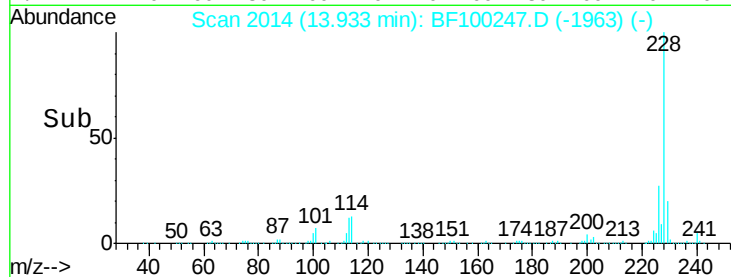
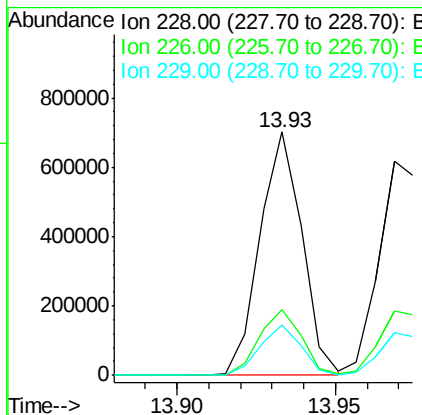
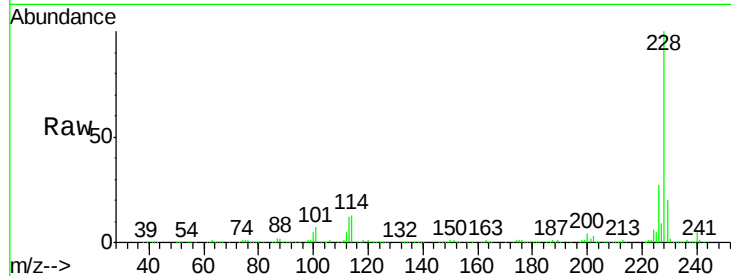
#80
Benzo(a)anthracene
Concen: 43.883 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	20.5	15.8	23.6

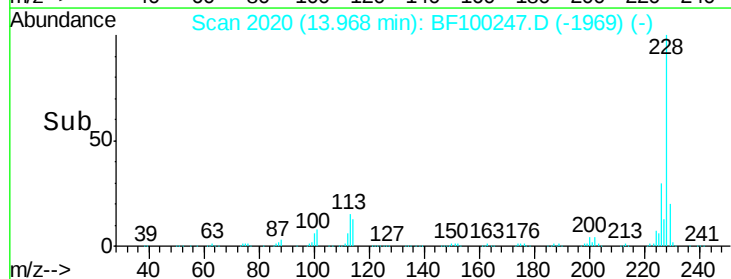
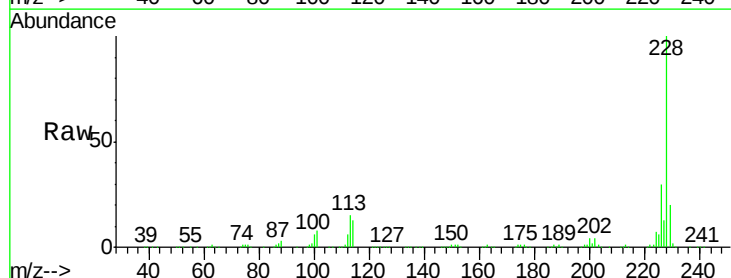
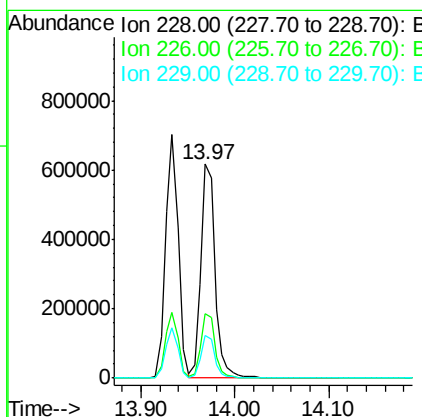
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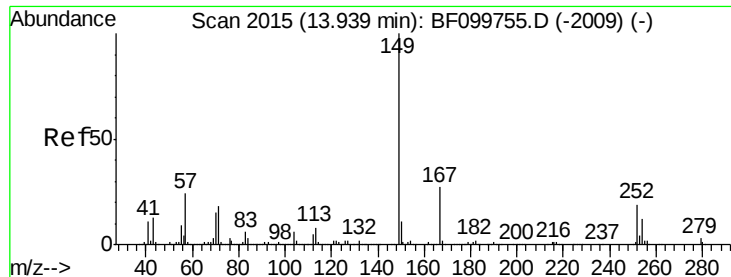
Sohil
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#82
Chrysene
Concen: 46.962 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.207 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Instrument :

BNA_F

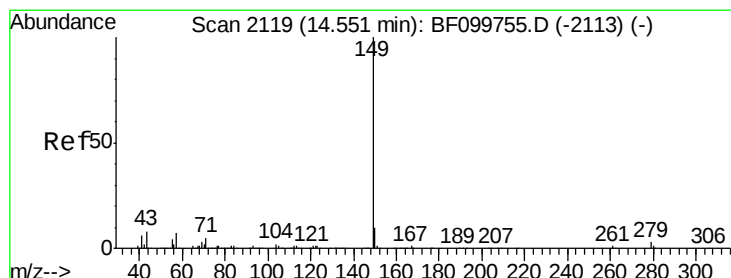
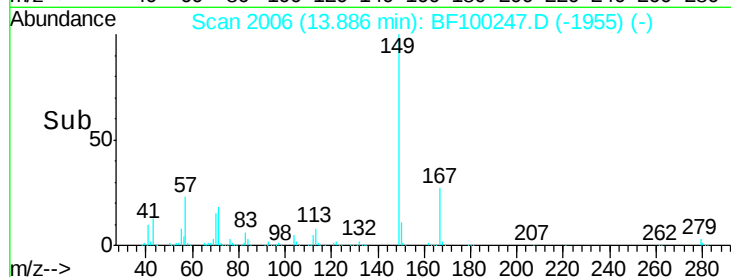
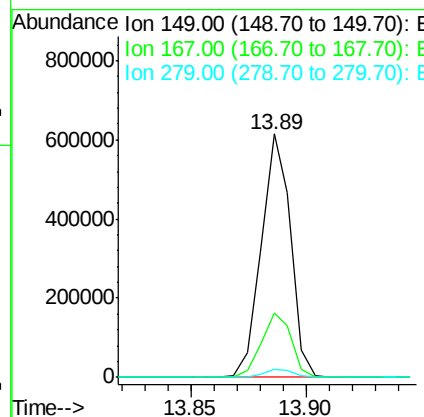
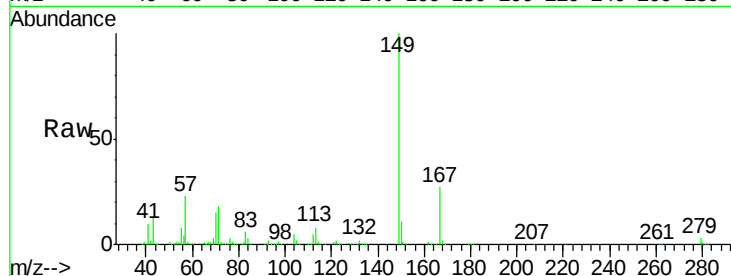
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	149	Resp:	541871
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.3	31.9
279	3.1	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 41.261 ng

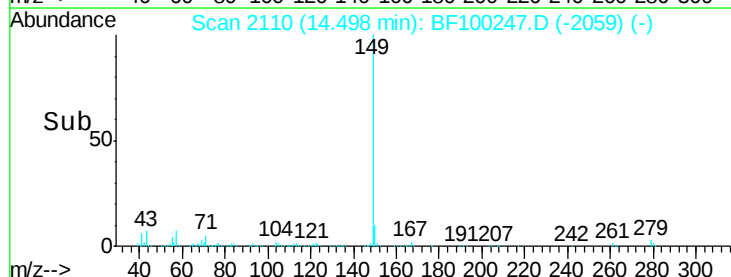
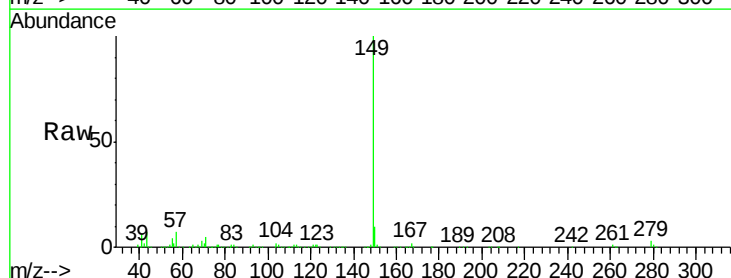
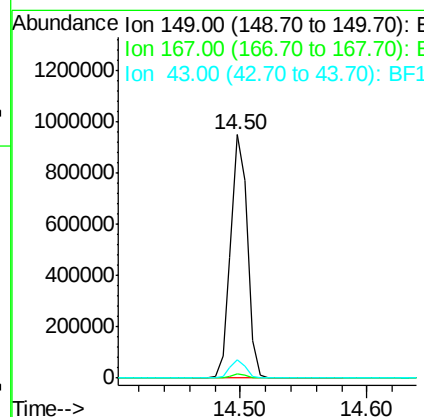
RT: 14.50 min Scan# 2110

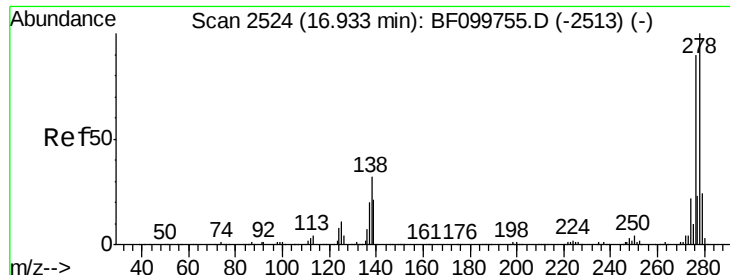
Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Tgt Ion:	149	Resp:	868058
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.1	8.4	12.6#





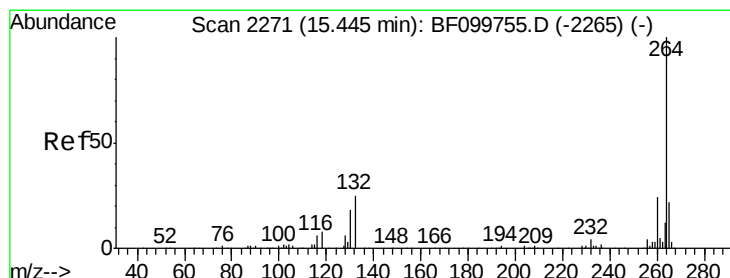
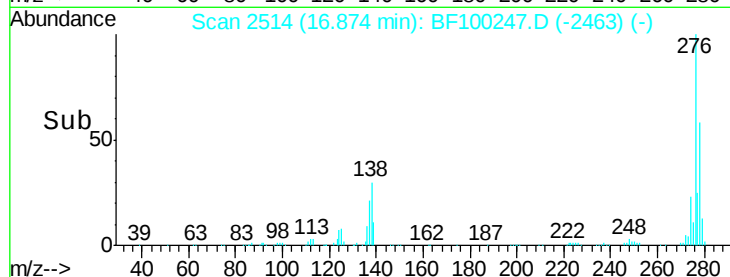
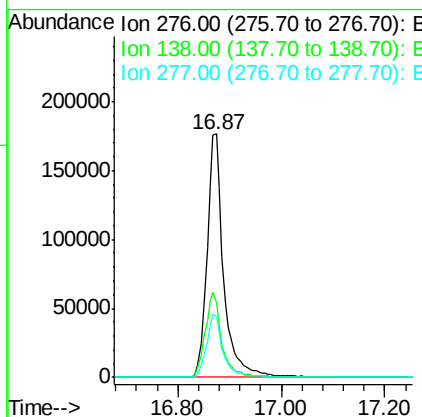
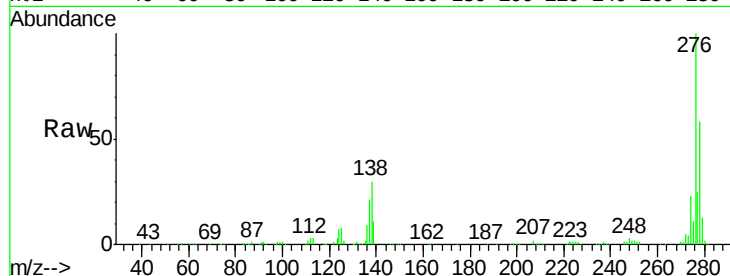
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.939 ng
 RT: 16.87 min Scan# 2514
 Delta R.T. -0.00 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	394592		
138	35.0	25.0	37.6	
277	25.4	20.1	30.1	

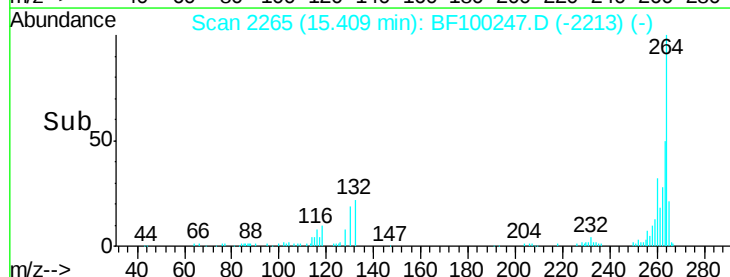
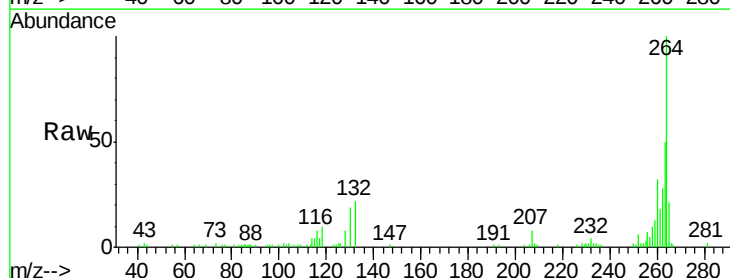
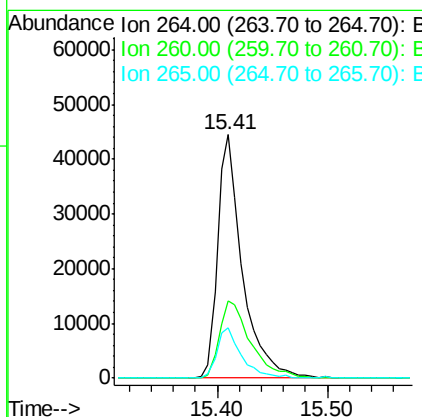
Manual Integrations
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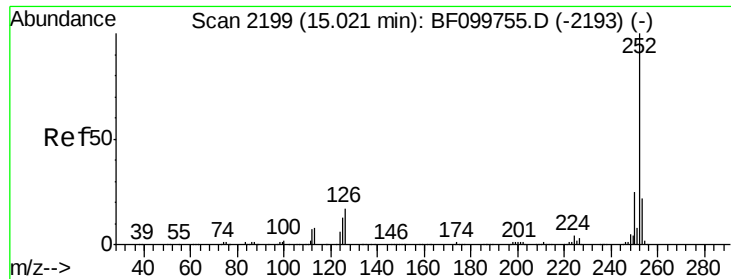
Sohil
 11/7/2017 5:39:37 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	69297		
260	31.8	19.2	28.8#	
265	20.9	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 114.057 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Instrument :

BNA_F

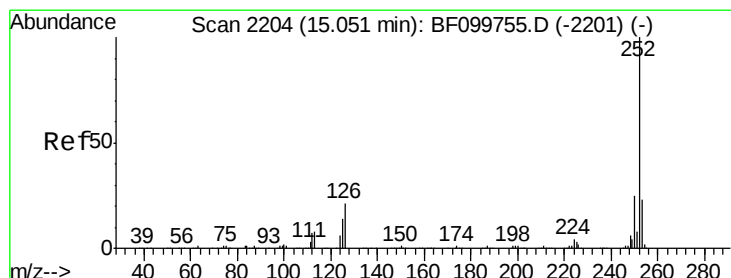
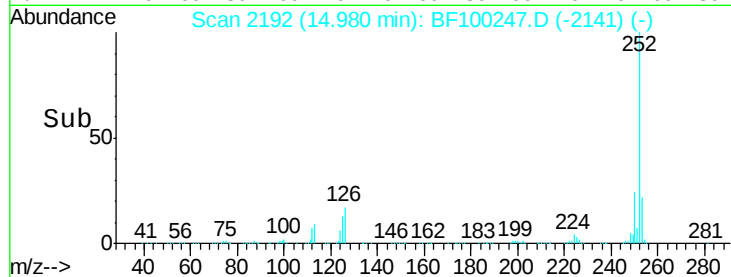
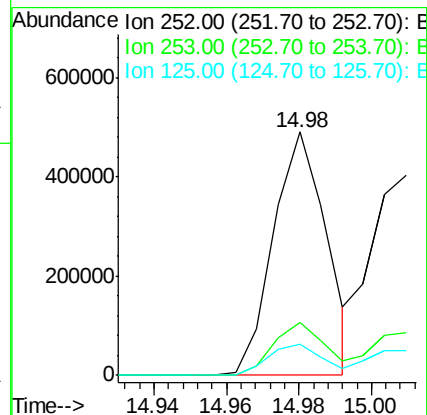
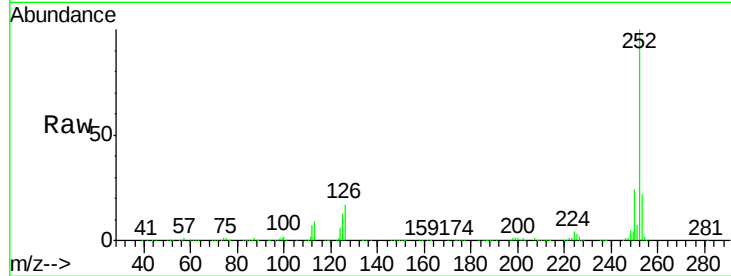
ClientSampleId :

STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	252	Resp:	499087
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.0	25.6
125	12.8	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 126.518 ng

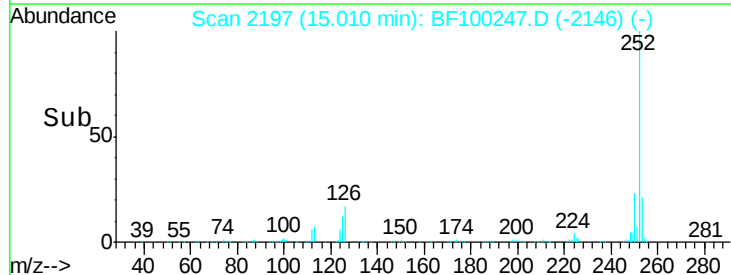
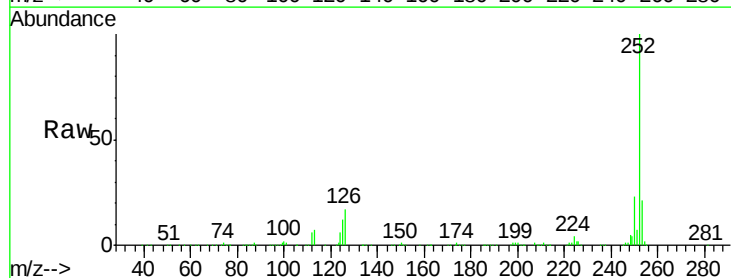
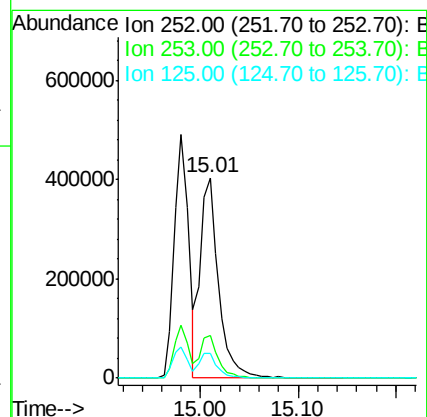
RT: 15.01 min Scan# 2197

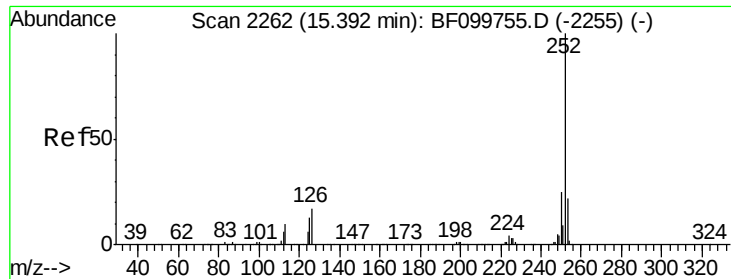
Delta R.T. -0.00 min

Lab File: BF100247.D

Acq: 6 Nov 2017 13:07

Tgt Ion:	252	Resp:	522041
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.9	26.9
125	12.3	10.2	15.2





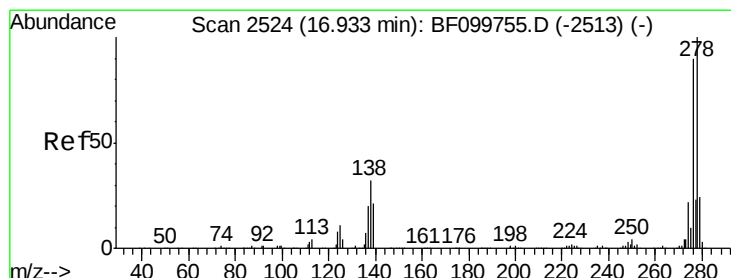
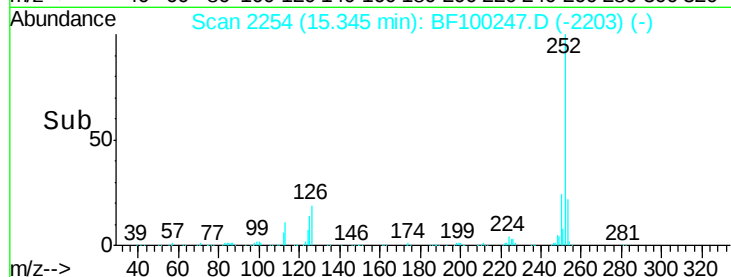
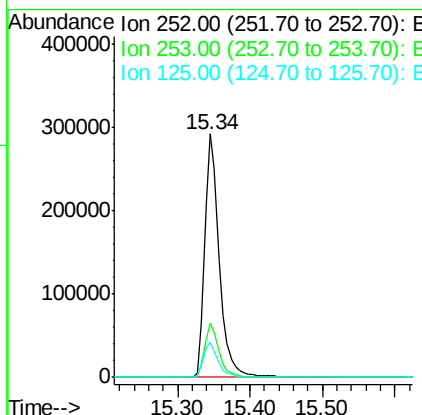
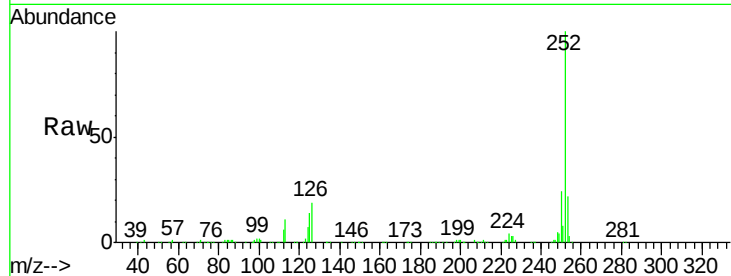
#89
Benzo(a)pyrene
Concen: 103.407 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Instrument :
BNA_F
ClientSampleId :
STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.5	9.8	14.6

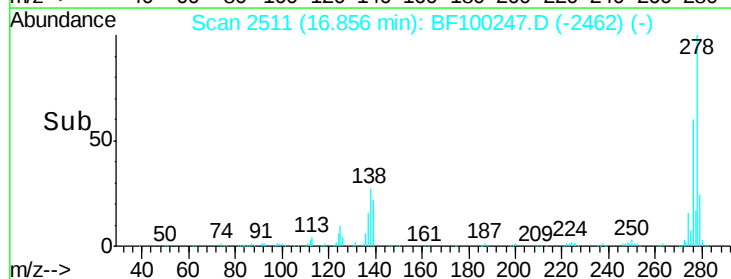
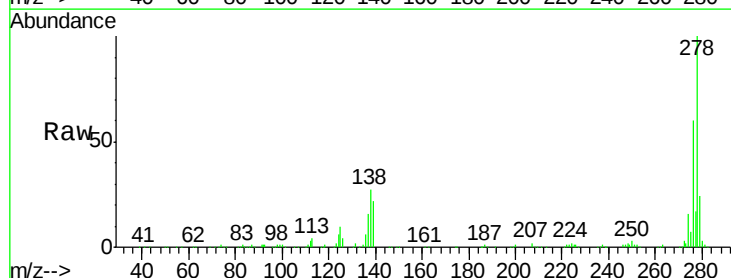
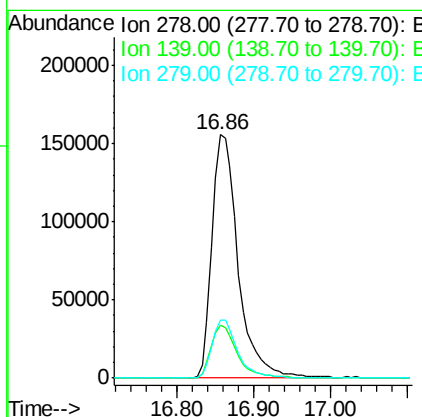
Manual Integrations
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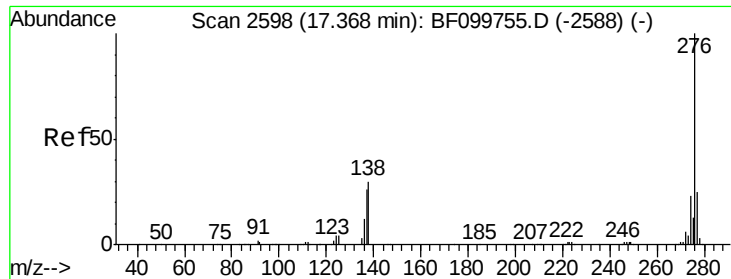
Sohil
11/7/2017 5:39:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 104.826 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF100247.D
Acq: 6 Nov 2017 13:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	15.9	23.9
279	23.7	19.0	28.4





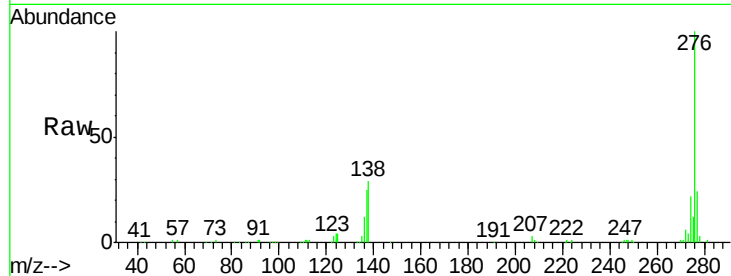
#91
 Benzo(g,h,i)perylene
 Concen: 95.804 ng
 RT: 17.32 min Scan# 2589
 Delta R.T. -0.00 min
 Lab File: BF100247.D
 Acq: 6 Nov 2017 13:07

Instrument :
 BNA_F
 ClientSampleId :
 STRAIGHT-PATH-EAST-COMP(0-3)

Tgt Ion:	276	Resp:	327366
Ion Ratio		Lower	Upper
276	100		
277	24.1	17.9	26.9
138	28.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:39:37 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

