

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100167.D
 Acq On : 4 Nov 2017 7:07
 Operator : SJ/JU
 Sample : I6143-04MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Manual Integrations
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Sohil
 11/4/2017 2:19:53 PM

Quant Time: Nov 04 10:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	94801	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	386355	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	164104	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	255042	20.00	ng	0.00
75) Chrysene-d12	13.95	240	150631	20.00	ng	0.00
86) Perylene-d12	15.42	264	151971	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	454133	75.21	ng	0.00
7) Phenol-d6	6.42	99	352321	49.21	ng	0.00
23) Nitrobenzene-d5	7.35	82	556783	92.78	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	183305	122.57	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1073676	100.94	ng	0.00
78) Terphenyl-d14	12.88	244	690051	100.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	47237	17.715	ng	# 87
3) Pyridine	3.35	79	94079m	14.671	ng	
4) n-Nitrosodimethylamine	3.26	42	39742m	17.348	ng	
6) Aniline	6.45	93	161144	17.358	ng	93
8) 2-Chlorophenol	6.56	128	245215	38.103	ng	92
9) Benzaldehyde	6.33	77	127840	29.880	ng	89
10) Phenol	6.43	94	135323	17.214	ng	97
11) bis(2-Chloroethyl)ether	6.51	93	256973	42.332	ng	92
12) 1,3-Dichlorobenzene	6.71	146	297601m	41.184	ng	
13) 1,4-Dichlorobenzene	6.79	146	306104	41.738	ng	96
14) 1,2-Dichlorobenzene	6.94	146	277845	41.569	ng	97
15) Benzyl Alcohol	6.93	79	132309	29.057	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	323404	47.959	ng	55
17) 2-Methylphenol	7.05	107	165559	30.755	ng	# 85
18) Hexachloroethane	7.27	117	94927	38.797	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	178235	42.479	ng	# 89
20) 3+4-Methylphenols	7.20	107	201445	32.138	ng	97
22) Acetophenone	7.19	105	377566	42.920	ng	# 91
24) Nitrobenzene	7.36	77	264426	43.731	ng	94
25) Isophorone	7.60	82	504048	46.288	ng	96
26) 2-Nitrophenol	7.68	139	156092	45.071	ng	# 81
27) 2,4-Dimethylphenol	7.72	122	211978	41.542	ng	95
28) bis(2-Chloroethoxy)methane	7.80	93	333822	43.772	ng	99
29) 2,4-Dichlorophenol	7.93	162	235350	44.398	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	240167	42.404	ng	99
31) Naphthalene	8.07	128	790439	42.384	ng	99
32) Benzoic acid	7.86	122	34531	7.688	ng	92
33) 4-Chloroaniline	8.14	127	123654	16.057	ng	95
34) Hexachlorobutadiene	8.18	225	120785	41.460	ng	98
35) Caprolactam	8.53	113	13472	8.082	ng	# 76
36) 4-Chloro-3-methylphenol	8.63	107	211320	39.057	ng	92
37) 2-Methylnaphthalene	8.77	142	548549	43.891	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	224918	42.436	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	8222	18.858	ng	95

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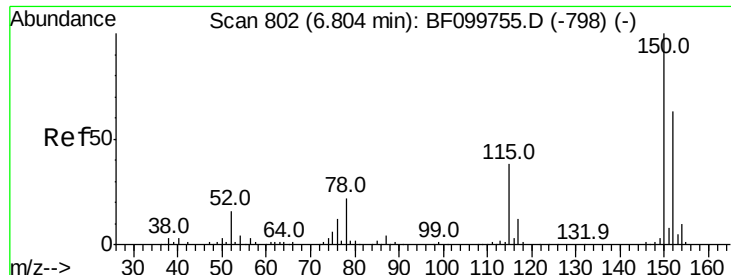
Manual Integrations
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Quant Time: Nov 04 10:55:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	145482	45.378	nq	97
43) 2,4,5-Trichlorophenol	9.11	196	143379	42.144	nq #	90
45) 1,1'-Biphenyl	9.23	154	635489	42.807	nq	98
46) 2-Chloronaphthalene	9.26	162	488113	45.274	nq	97
47) 2-Nitroaniline	9.37	65	126167	44.587	nq	87
48) Acenaphthylene	9.67	152	708426	42.662	nq	99
49) Dimethylphthalate	9.53	163	570688	43.914	nq	100
50) 2,6-Dinitrotoluene	9.62	165	125937	46.097	nq #	74
51) Acenaphthene	9.85	154	428386	42.221	nq	99
52) 3-Nitroaniline	9.79	138	78426	24.363	nq	92
53) 2,4-Dinitrophenol	9.92	184	36518	37.178	nq #	87
54) Dibenzofuran	10.02	168	646643	45.149	nq	99
55) 4-Nitrophenol	9.99	139	22235m	13.220	nq	
56) 2,4-Dinitrotoluene	10.03	165	160502	48.783	nq #	79
57) Fluorene	10.36	166	506346	42.699	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	105216	44.109	nq	91
59) Diethylphthalate	10.23	149	544628	42.915	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	236243	42.330	nq	94
61) 4-Nitroaniline	10.41	138	110315	35.919	nq	83
62) Azobenzene	10.51	77	444415	41.775	nq	87
64) 4,6-Dinitro-2-methylphenol	10.45	198	33229	20.727	nq	81
65) n-Nitrosodiphenylamine	10.47	169	450177	47.816	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	134968	50.268	nq	93
67) Hexachlorobenzene	10.91	284	127856	46.546	nq	95
68) Atrazine	11.00	200	138602	49.010	nq	98
69) Pentachlorophenol	11.12	266	84897	72.330	nq	97
70) Phenanthrene	11.33	178	640868	44.526	nq	99
71) Anthracene	11.38	178	656264	44.919	nq	99
72) Carbazole	11.54	167	583641	42.481	nq	99
73) Di-n-butylphthalate	11.85	149	791938	45.192	nq #	97
74) Fluoranthene	12.52	202	553979	37.036	nq	99
76) Benzidine	12.65	184	36432	5.527	nq	97
77) Pyrene	12.75	202	543206	47.425	nq	99
79) Butylbenzylphthalate	13.34	149	254853	45.185	nq	93
80) Benzo(a)anthracene	13.94	228	421563	44.147	nq	99
81) 3,3'-Dichlorobenzidine	13.90	252	91330	26.348	nq	100
82) Chrysene	13.98	228	405202	45.136	nq	97
83) Bis(2-ethylhexyl)phthalate	13.90	149	334400	42.219	nq	98
84) Di-n-octyl phthalate	14.51	149	551520	40.569	nq #	92
85) Indeno(1,2,3-cd)pyrene	16.89	276	371876	45.123	nq	97
87) Benzo(b)fluoranthene	14.99	252	427247	44.522	nq	97
88) Benzo(k)fluoranthene	15.02	252	417795	46.171	nq	99
89) Benzo(a)pyrene	15.36	252	405972	47.096	nq	97
90) Dibenzo(a,h)anthracene	16.88	278	320911	41.897	nq	97
91) Benzo(g,h,i)perylene	17.33	276	302169	40.323	nq	97

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



#1

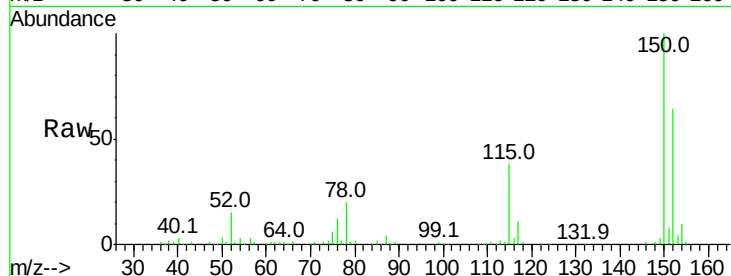
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	58.7	50.1	75.1

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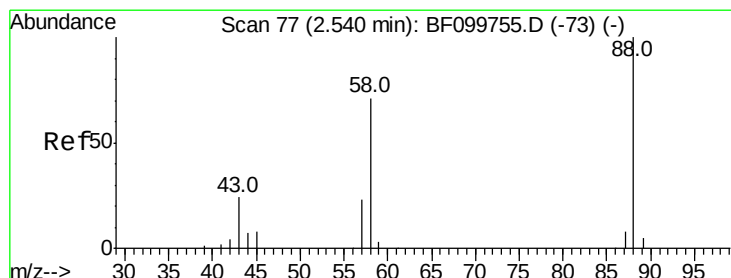
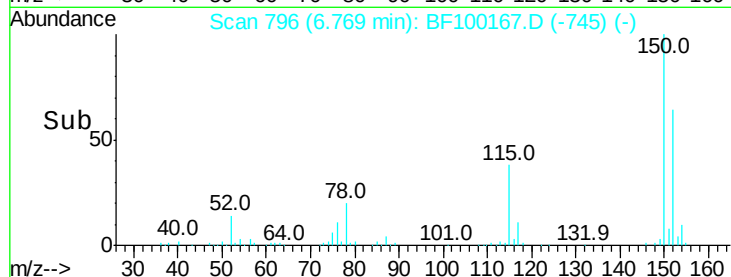
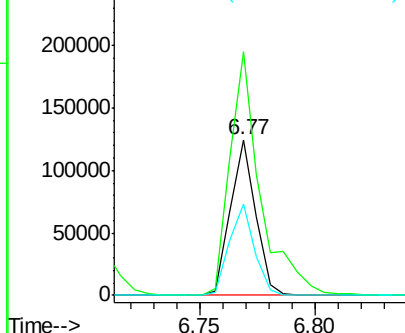


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

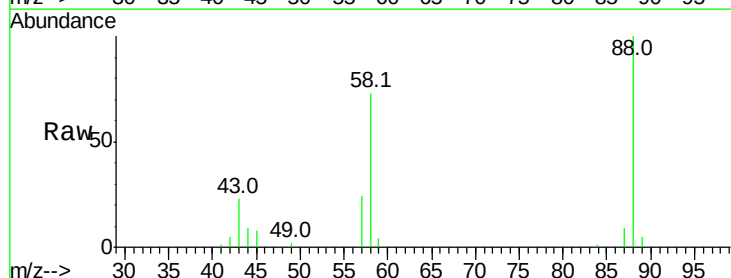
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 17.715 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.06 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	62.6	93.8
43	21.6	24.6	37.0

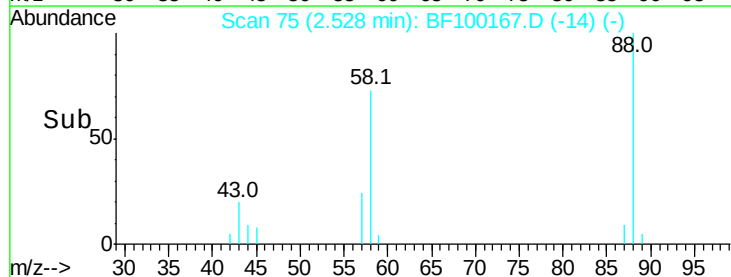
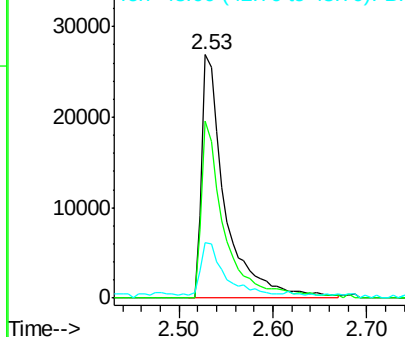


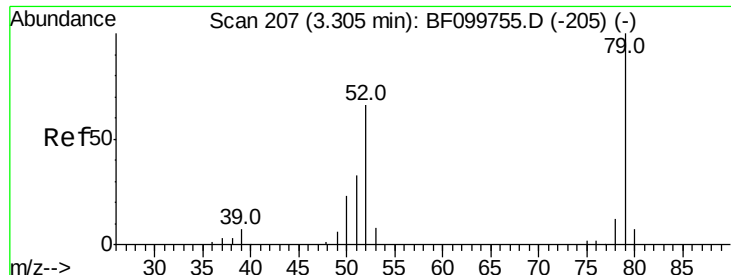
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





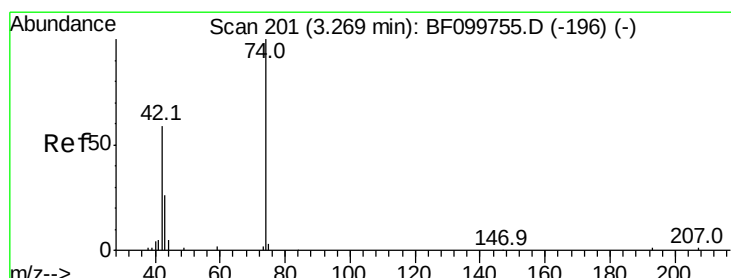
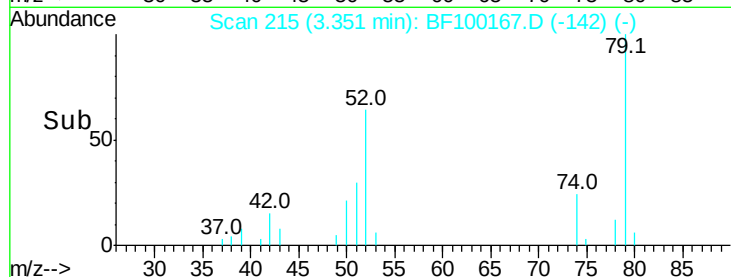
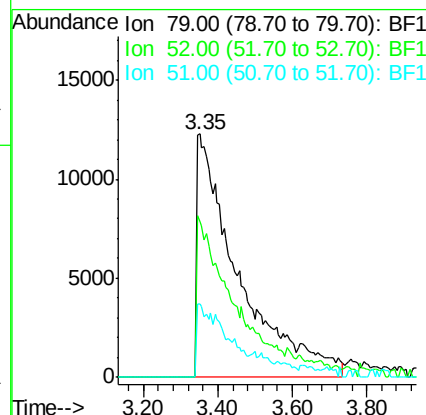
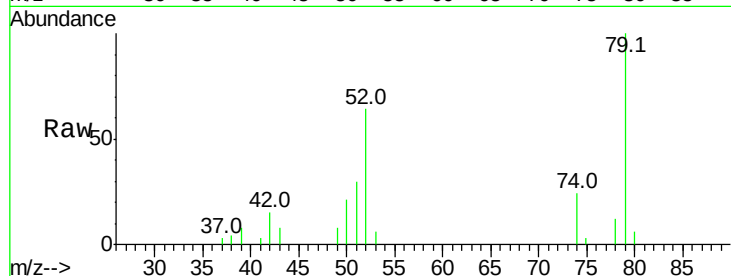
#3
 Pvridine
 Concen: 14.671 ng m
 RT: 3.35 min Scan# 215
 Delta R.T. 0.13 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.6	59.8	89.6
51	30.0	29.8	44.8

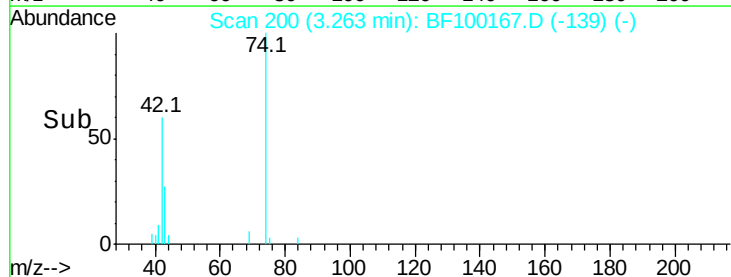
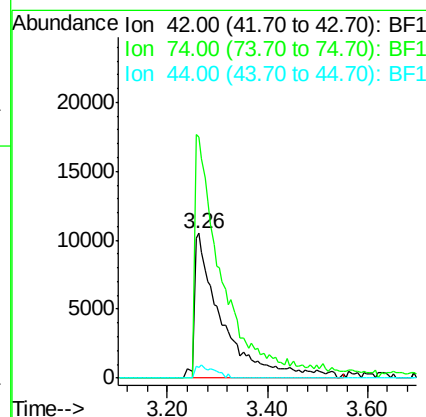
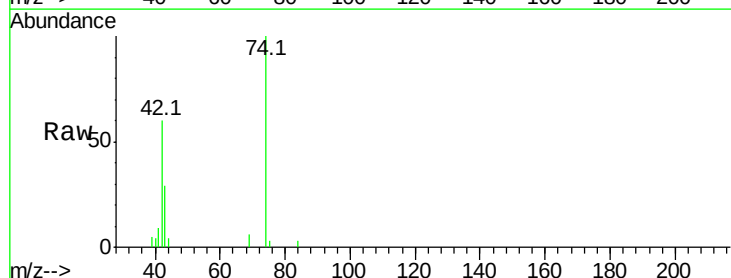
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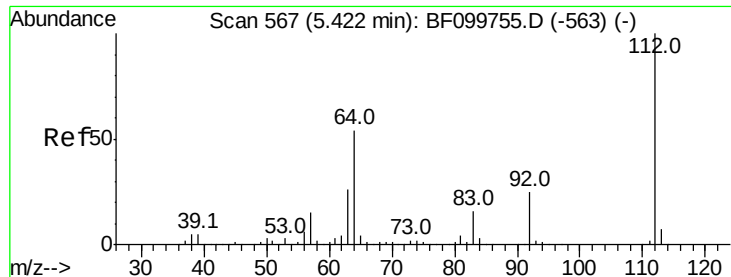
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#4
 n-Nitrosodimethylamine
 Concen: 17.348 ng m
 RT: 3.26 min Scan# 200
 Delta R.T. 0.06 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.5	104.9	157.3#
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 75.207 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Instrument :

BNA_F

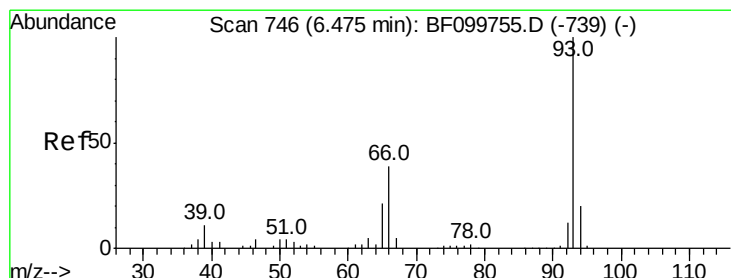
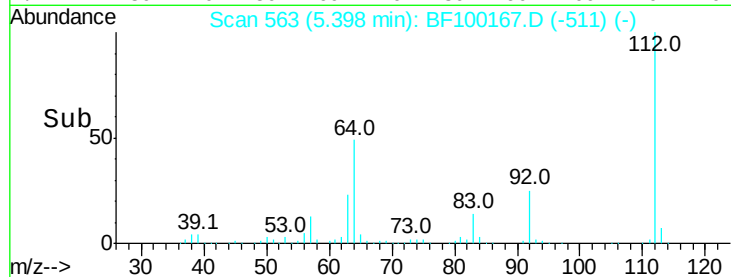
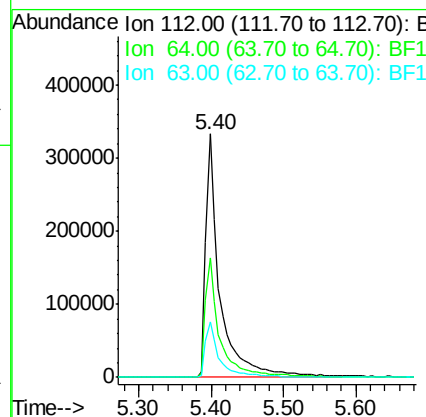
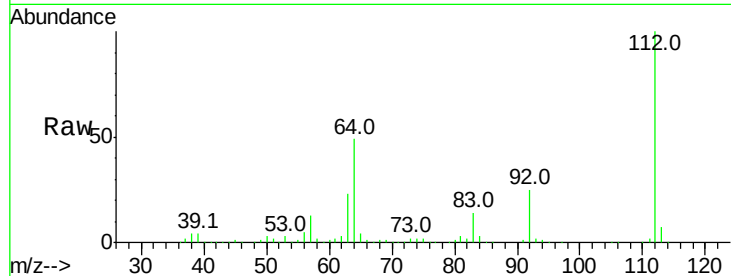
ClientSampleId :

RLF-GW-9SMS

Tot Ion:	112	Resp:	454133
Ion Ratio	Lower	Upper	
112	100		
64	49.1	47.9	71.9
63	22.9	23.7	35.5#

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#6

Aniline

Concen: 17.358 ng

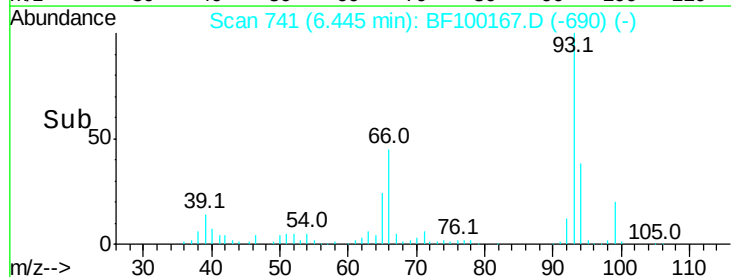
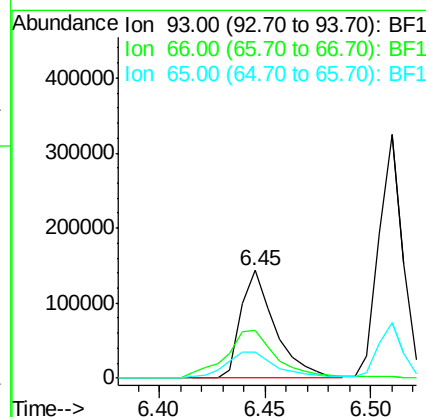
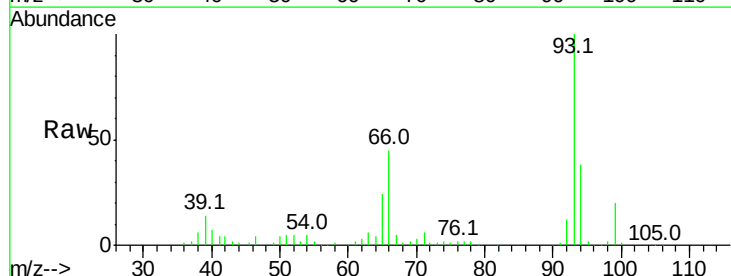
RT: 6.45 min Scan# 741

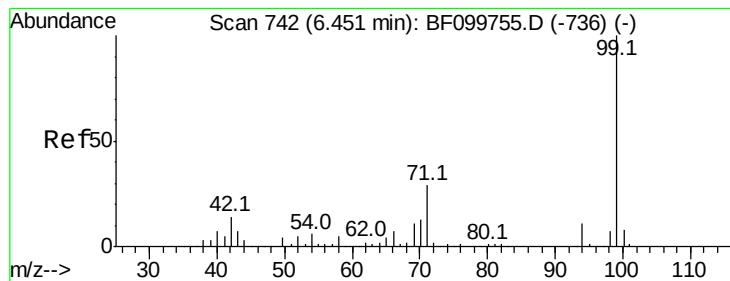
Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Tgt Ion:	93	Resp:	161144
Ion Ratio	Lower	Upper	
93	100		
66	44.5	32.2	48.2
65	23.9	16.4	24.6





#7

Phenol-d6

Concen: 49.208 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Instrument :

BNA_F

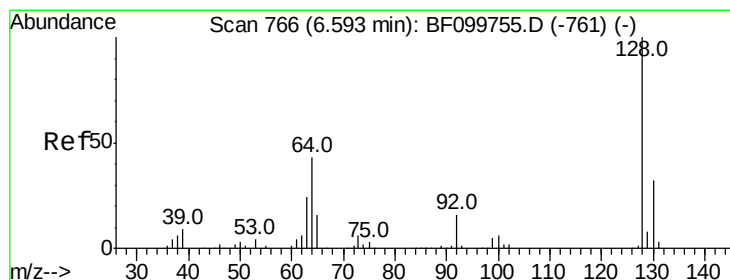
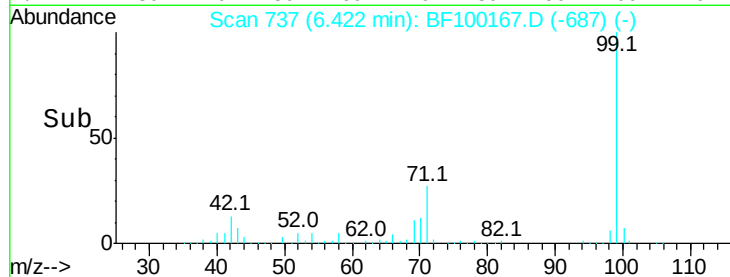
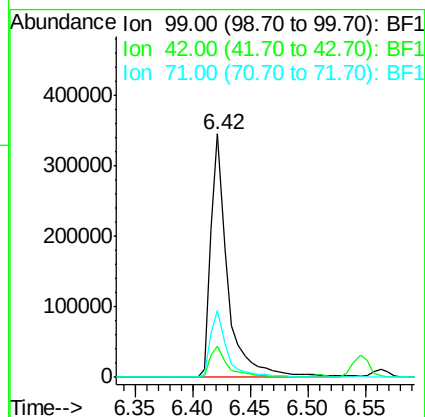
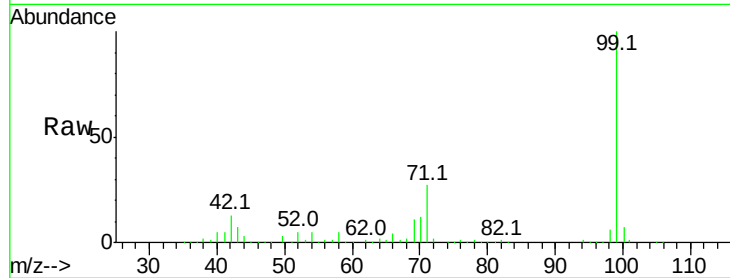
ClientSampleId :

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Tot Ion:	99	Resp:	352321
Ion Ratio	Lower	Upper	
99	100		
42	12.7	14.5	21.7#
71	27.3	25.4	38.0

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#8

2-Chlorophenol

Concen: 38.103 ng

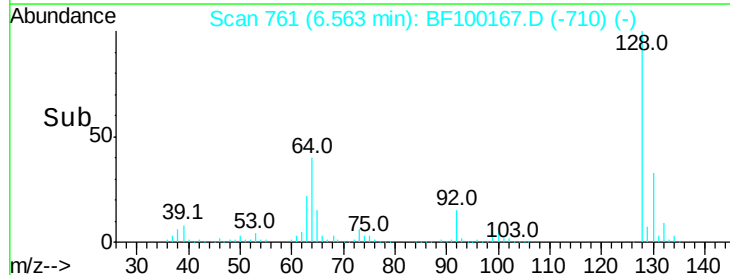
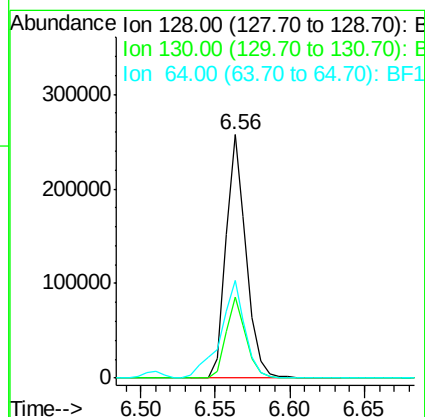
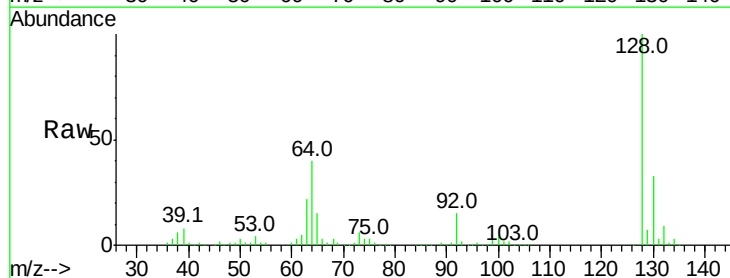
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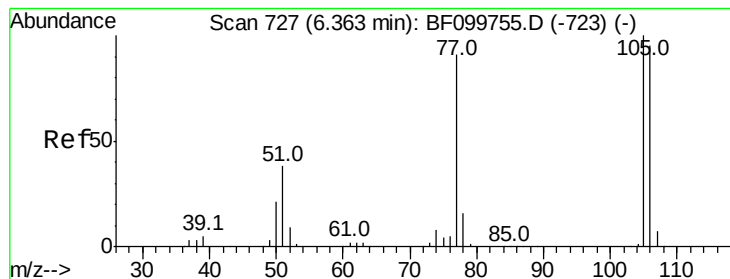
Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Tgt Ion:	128	Resp:	245215
Ion Ratio	Lower	Upper	
128	100		
130	33.4	13.0	53.0
64	40.1	29.4	69.4





#9

Benzaldehyde

Concen: 29.880 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Instrument :

BNA_F

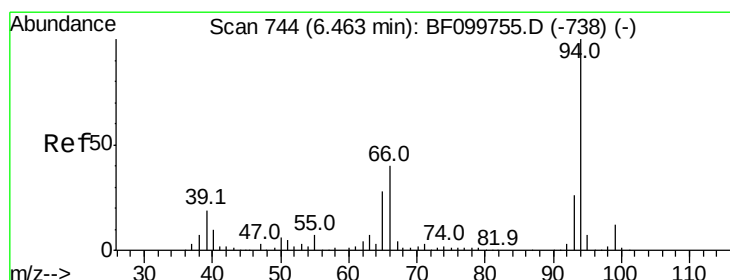
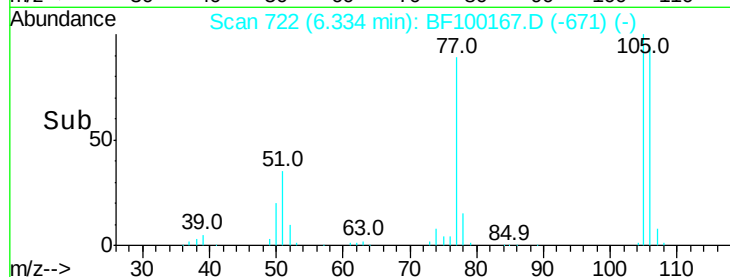
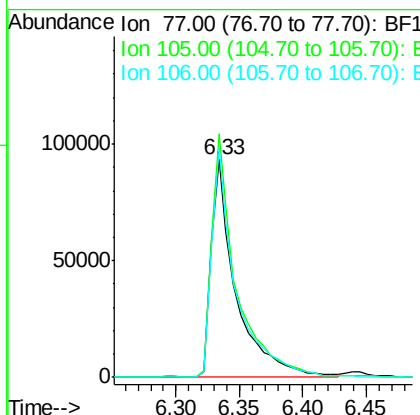
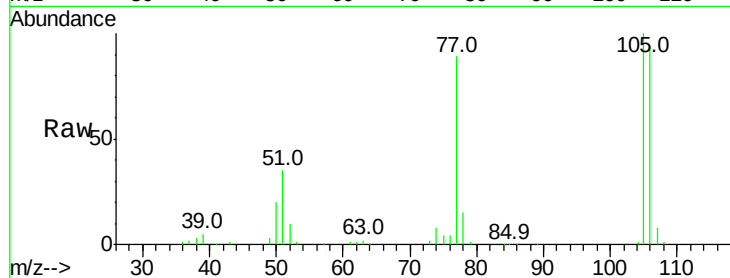
ClientSampled :

RLF-GW-9SMS

Tot Ion:	77	Resp:	127840
Ion Ratio	Lower	Upper	
77	100		
105	111.8	81.1	121.1
106	105.6	74.5	114.5

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#10

Phenol

Concen: 17.214 ng

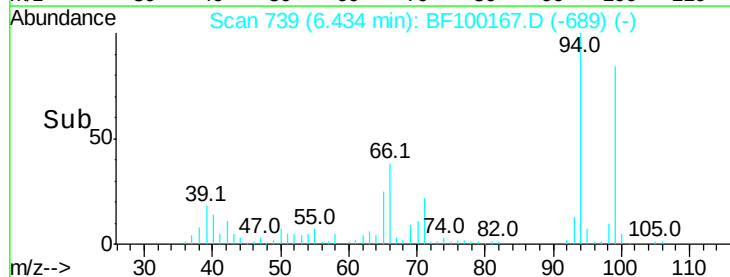
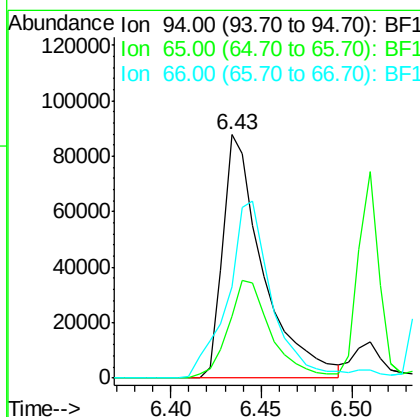
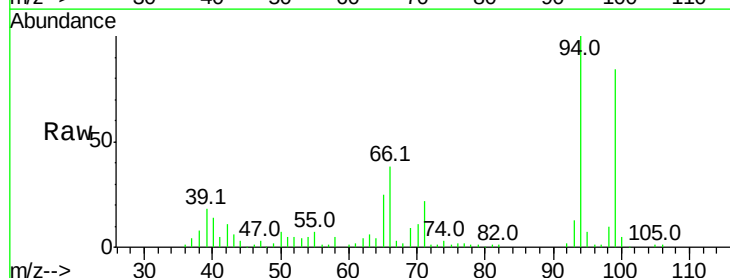
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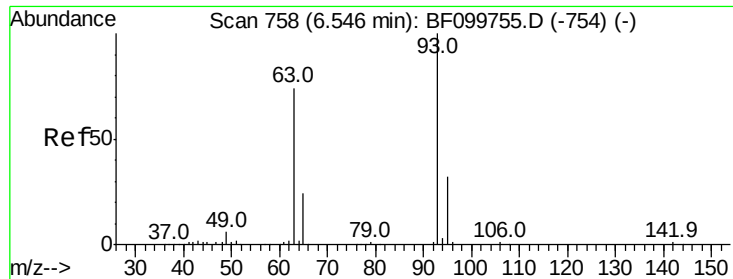
Delta R.T. -0.01 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Tgt Ion:	94	Resp:	135323
Ion Ratio	Lower	Upper	
94	100		
65	25.4	7.9	47.9
66	37.5	16.2	56.2





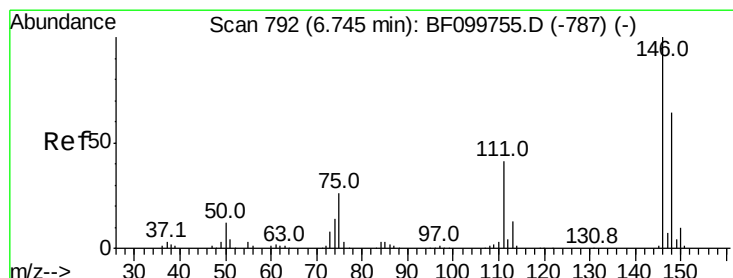
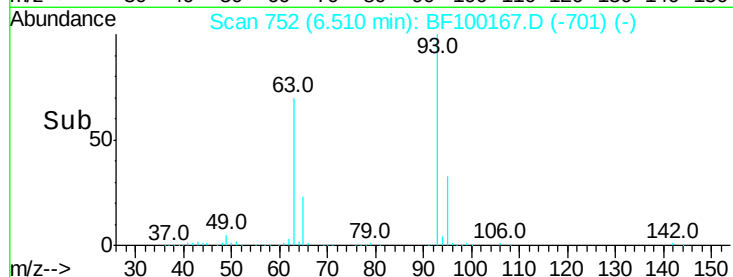
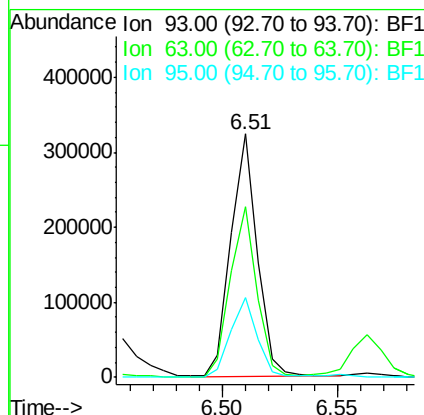
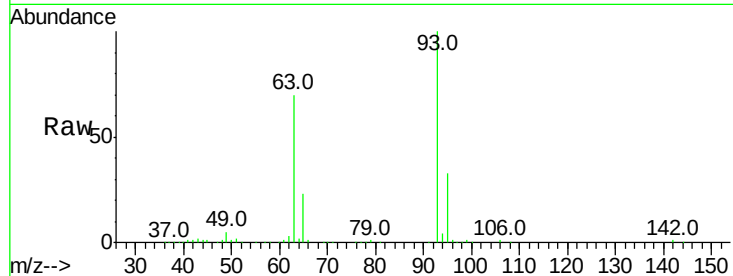
#11
bis(2-Chloroethyl)ether
Concen: 42.332 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	256973		
63	69.9	58.6	98.6	
95	32.7	11.8	51.8	

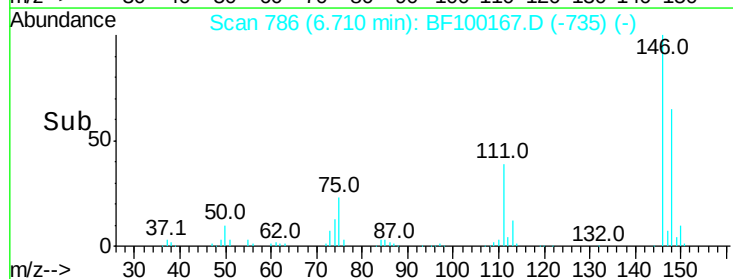
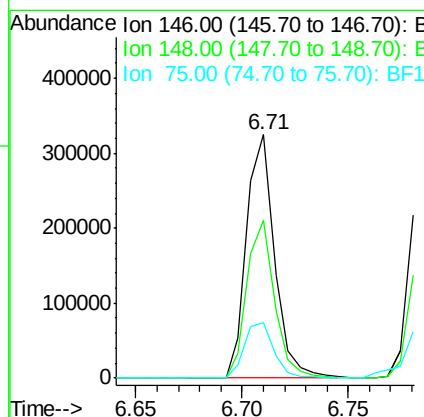
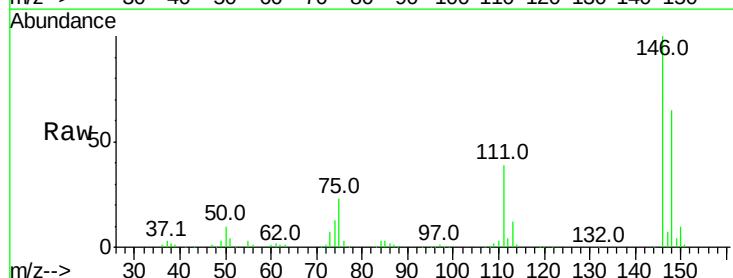
Manual Integrations
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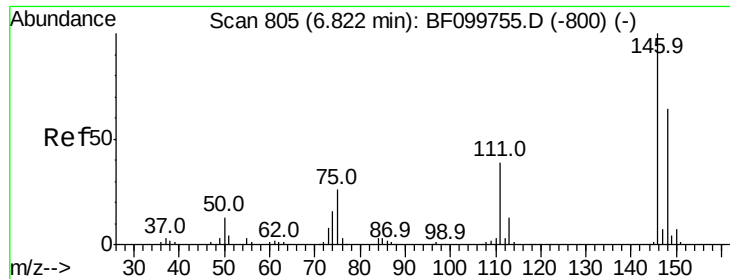
Sohil
11/4/2017 2:19:53 PM



#12
1,3-Dichlorobenzene
Concen: 41.184 ng m
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	297601		
148	64.7	51.8	77.8	
75	22.9	24.2	36.4#	





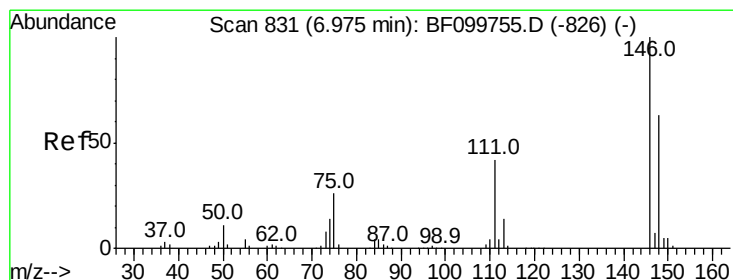
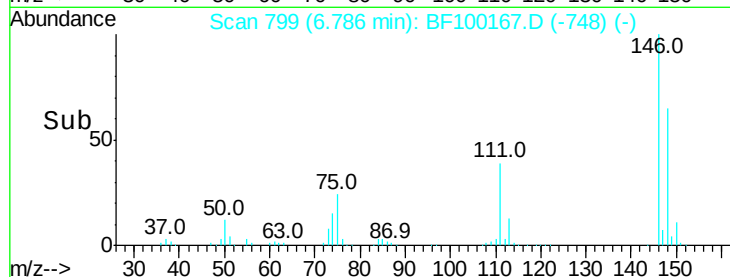
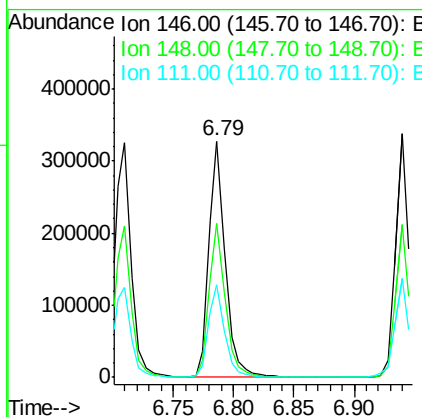
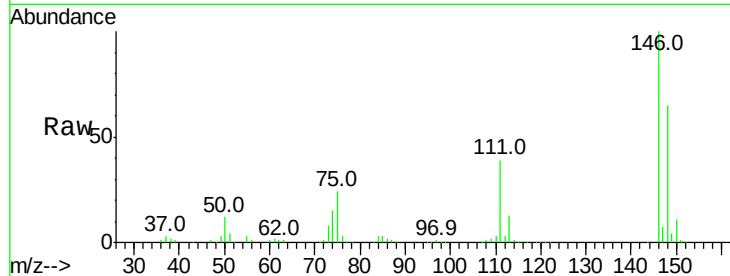
#13
 1,4-Dichlorobenzene
 Concen: 41.738 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
111	39.2	34.2	51.2

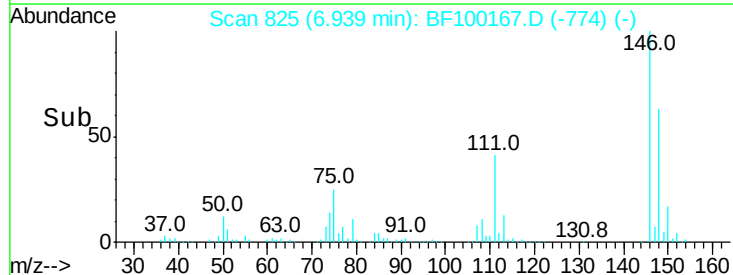
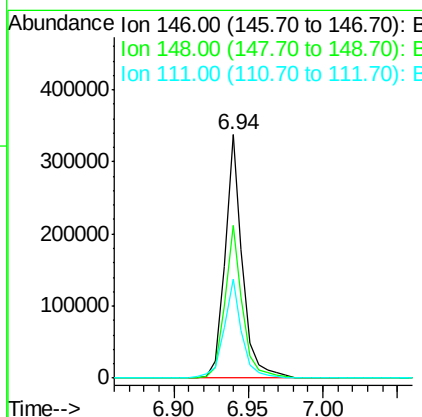
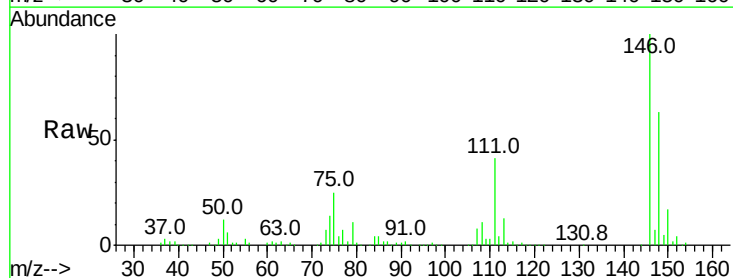
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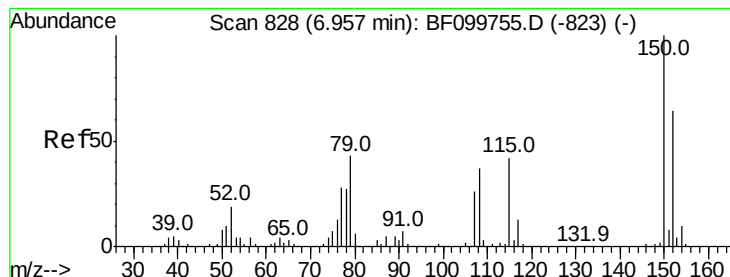
Sohil
 11/4/2017 2:19:53 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.569 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	40.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 29.057 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Instrument :

BNA_F

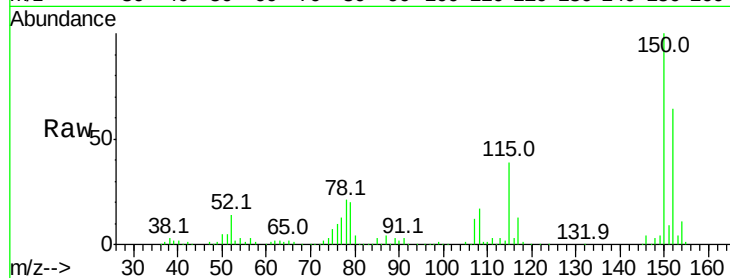
ClientSampleId :

RLF-GW-9SMS

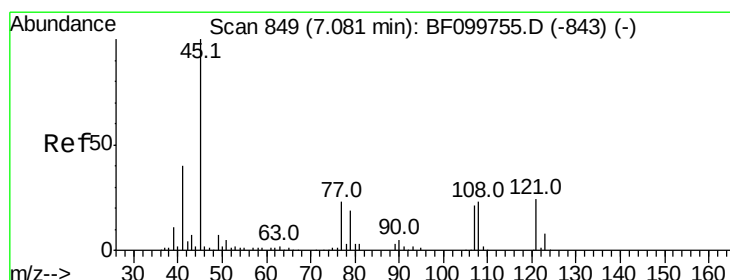
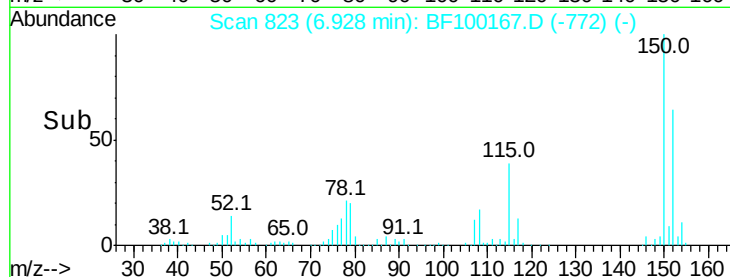
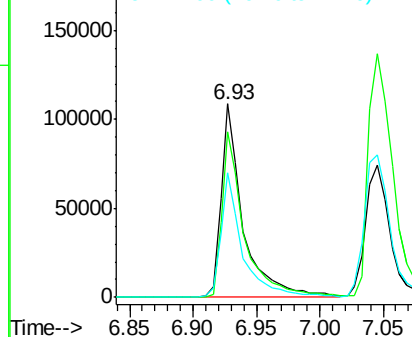
Tot Ion:	79	Resp:	132309
Ion Ratio	Lower	Upper	
79	100		
108	85.8	65.1	97.7
77	64.1	50.6	75.8

Manual Integrations
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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.959 ng

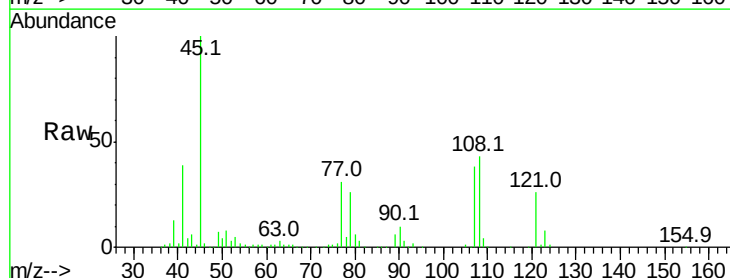
RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

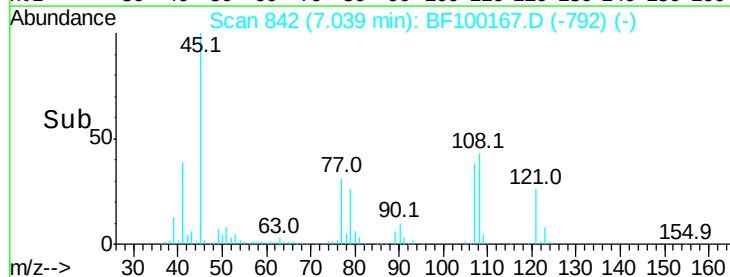
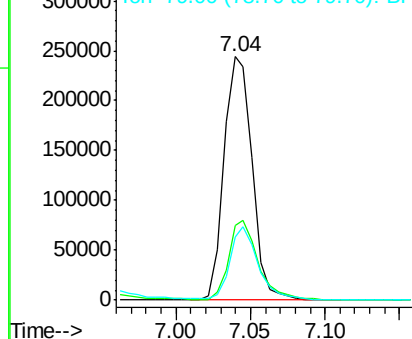
Lab File: BF100167.D

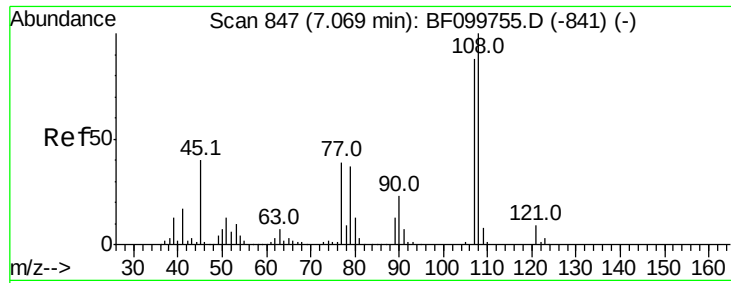
Acq: 4 Nov 2017 7:07

Tgt Ion:	45	Resp:	323404
Ion Ratio	Lower	Upper	
45	100		
77	30.9	0.0	32.9
79	25.9	0.0	29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





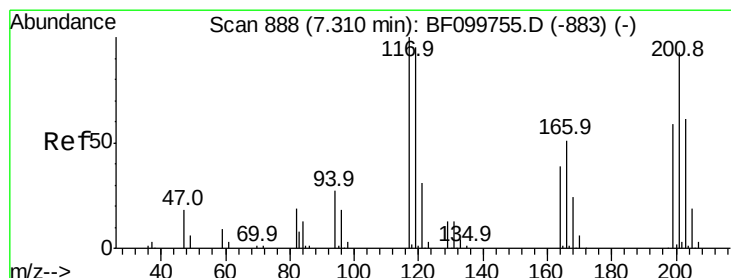
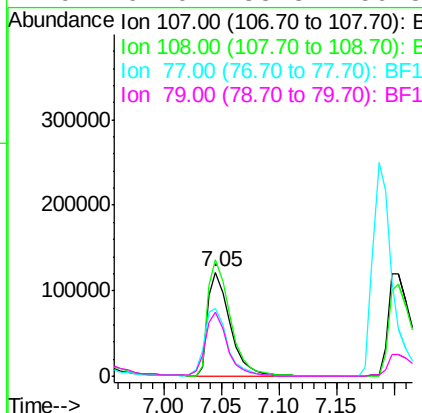
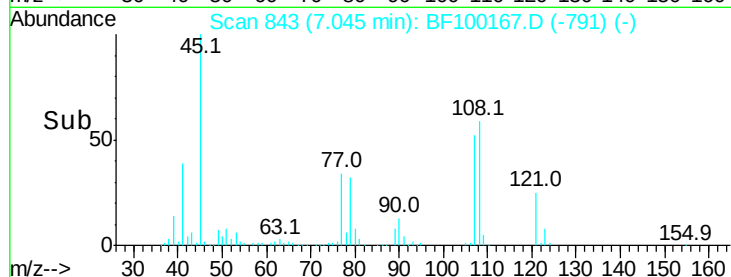
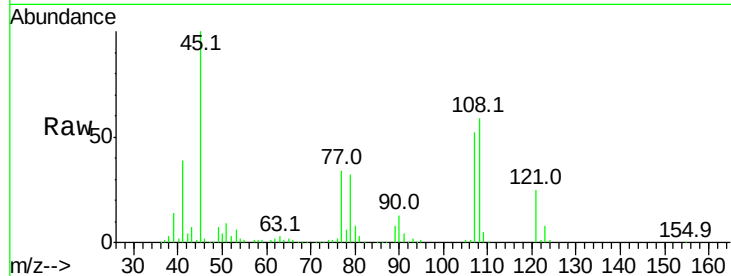
#17
2-Methylphenol
Concen: 30.755 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion:	107	Resp:	165559
Ion Ratio	Lower	Upper	
107	100		
108	112.7	91.7	137.5
77	65.9	33.8	50.8#
79	61.0	33.8	50.8#

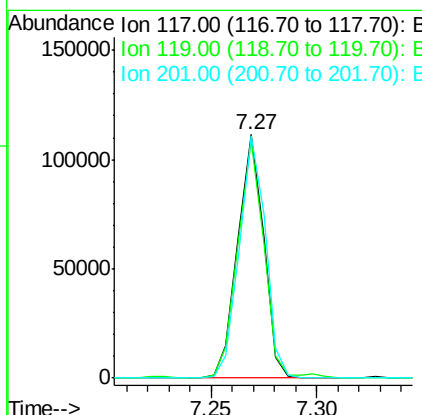
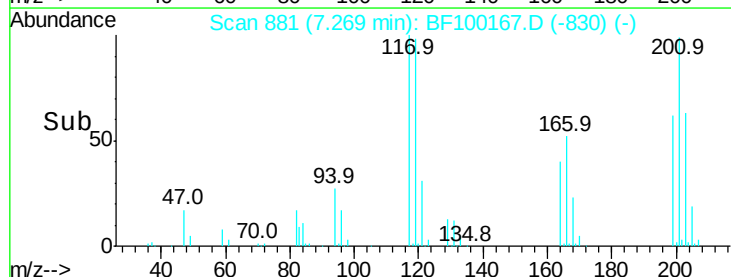
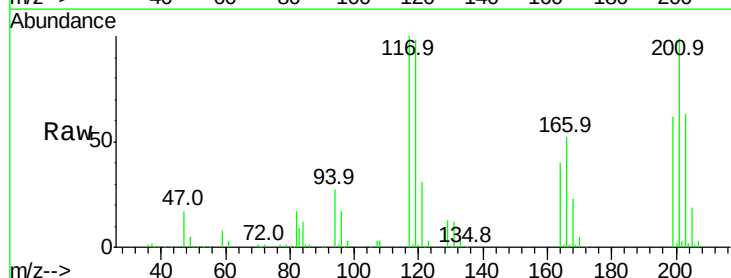
Manual Integrations
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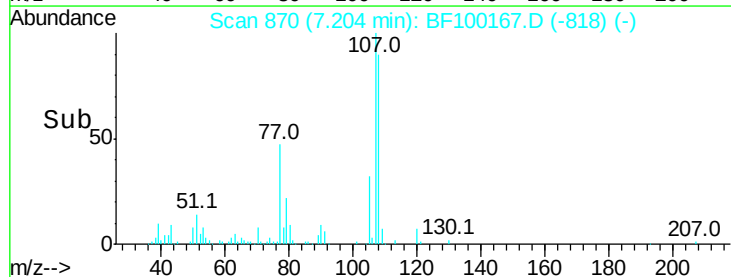
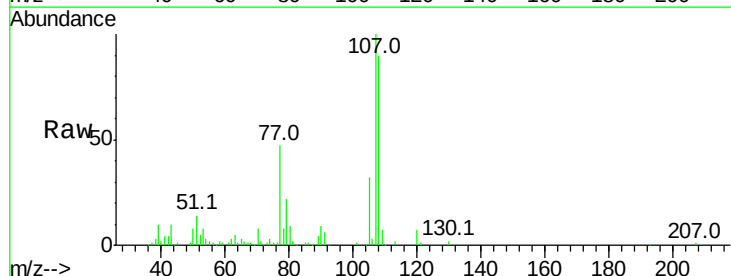
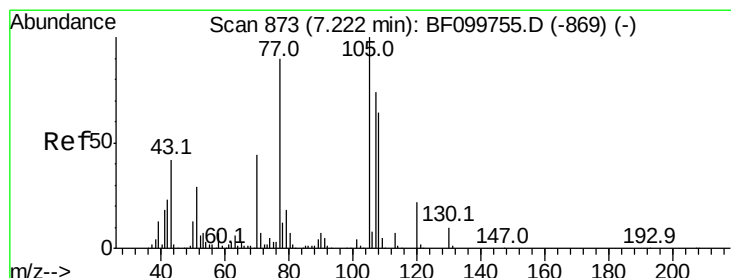
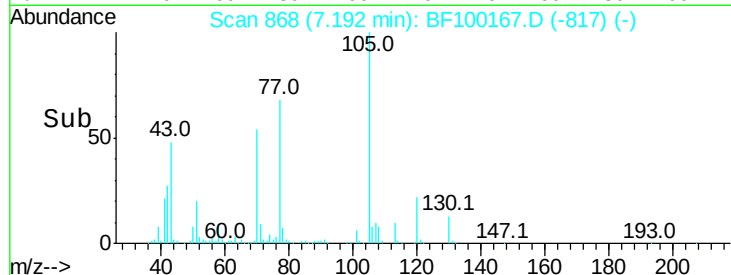
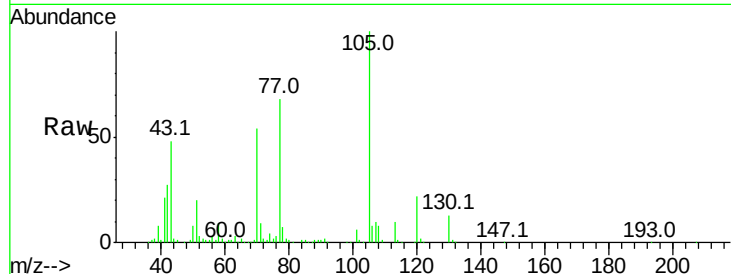
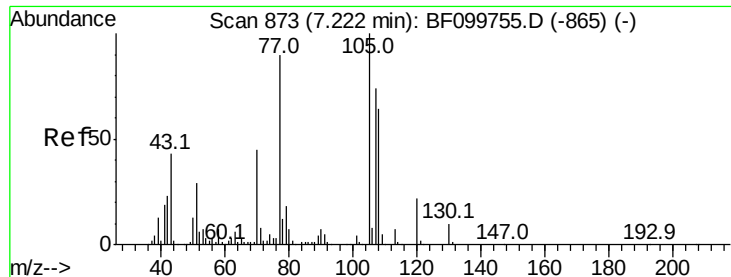
Sohil
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#18
Hexachloroethane
Concen: 38.797 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion:	117	Resp:	94927
Ion Ratio	Lower	Upper	
117	100		
119	97.6	75.8	113.8
201	99.5	75.7	113.5





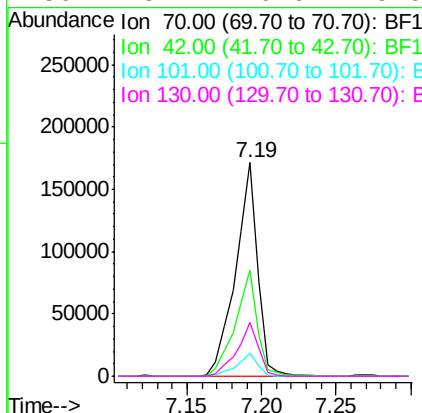
#19
n-Nitroso-di-n-propylamine
Concen: 42.479 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.5	71.3
101	10.5	7.4	11.2
130	25.1	16.6	25.0#

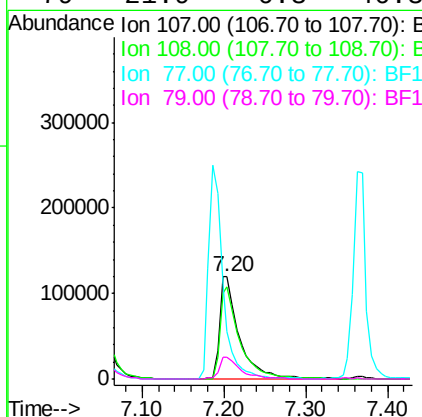
Manual Integrations
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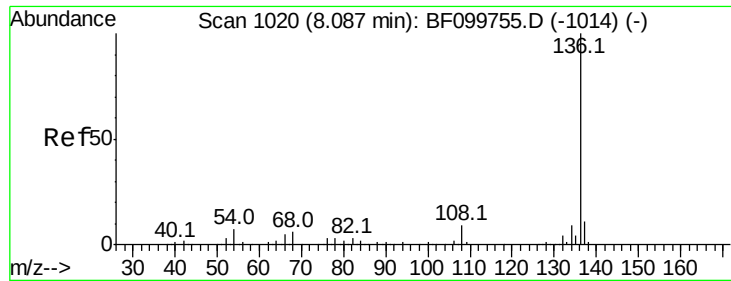
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#20
3+4-Methylphenols
Concen: 32.138 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.2	108.2
77	46.6	26.7	66.7
79	21.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Instrument :

BNA_F

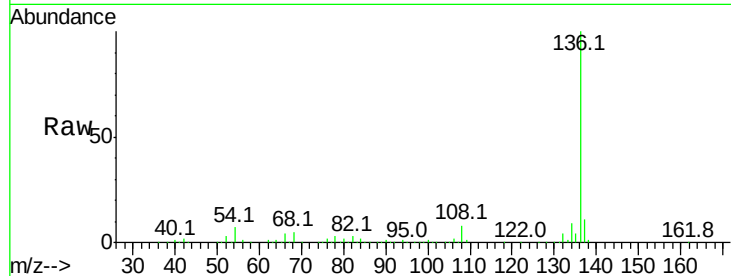
ClientSampleId :

RLF-GW-9SMS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.6	6.6	9.8
68	5.4	5.0	7.4

Manual Integrations
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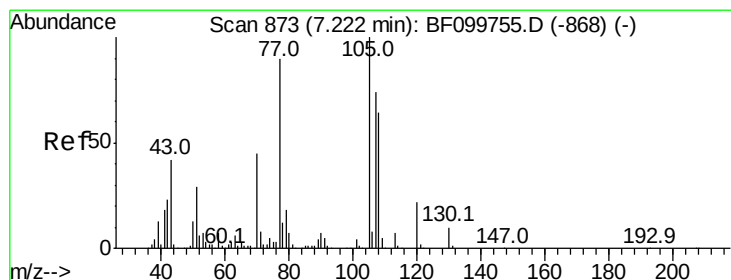
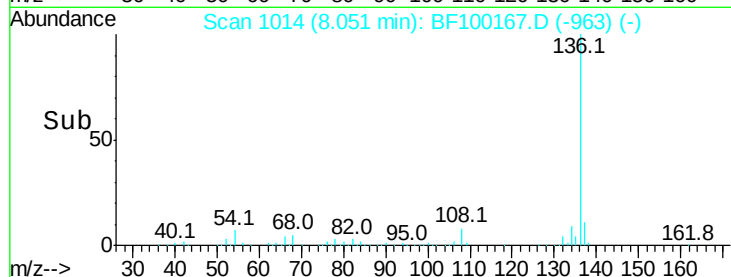
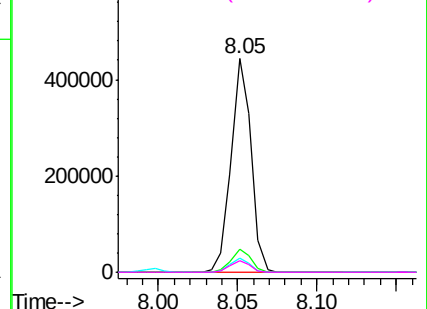


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.920 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

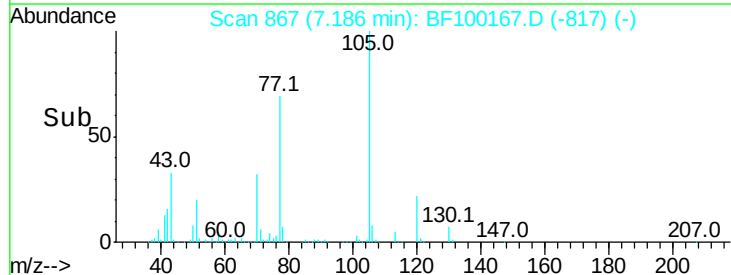
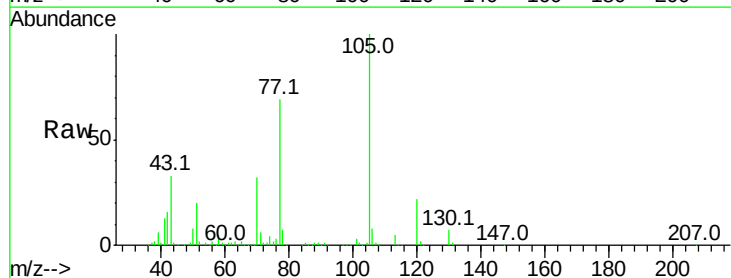
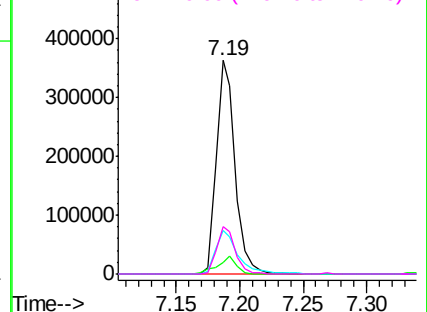
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.6	4.4	6.6
51	20.1	22.3	33.5#
120	22.5	16.9	25.3

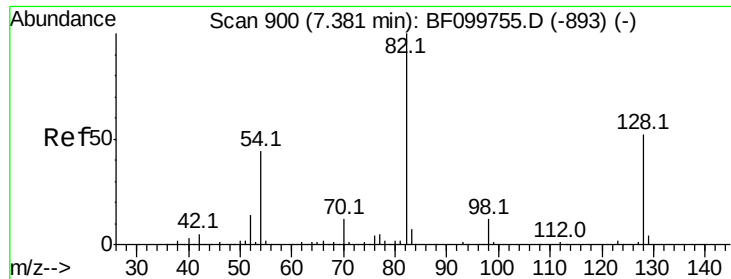
Abundance Ion 105.00 (104.70 to 105.70): E

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





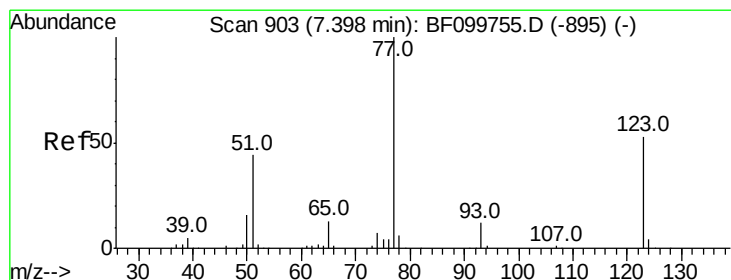
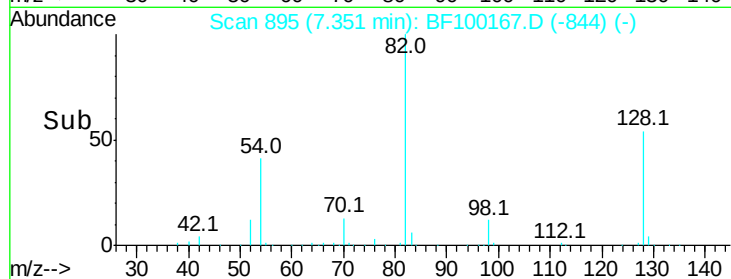
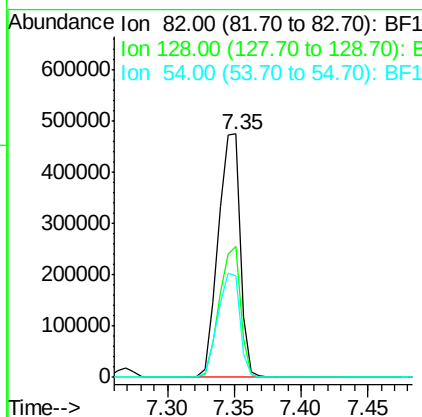
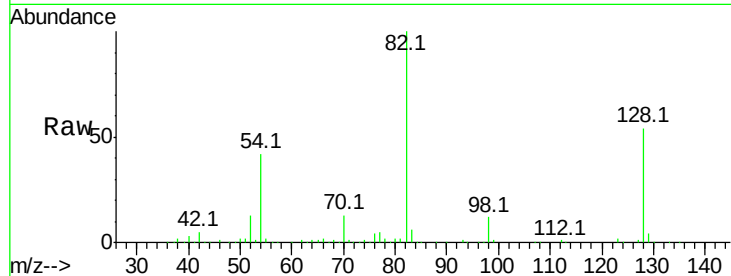
#23
Nitrobenzene-d5
Concen: 92.780 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.9	36.1	54.1
54	41.7	41.4	62.2

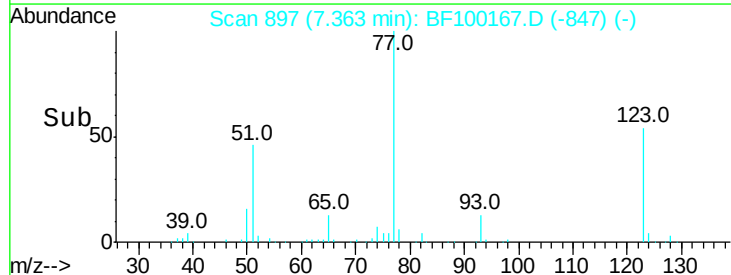
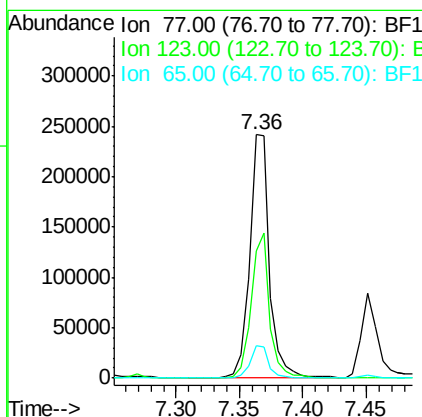
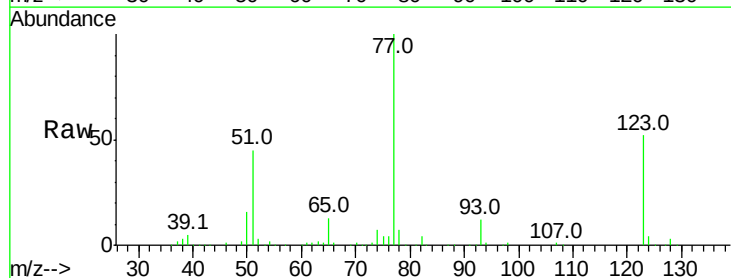
Manual Integrations
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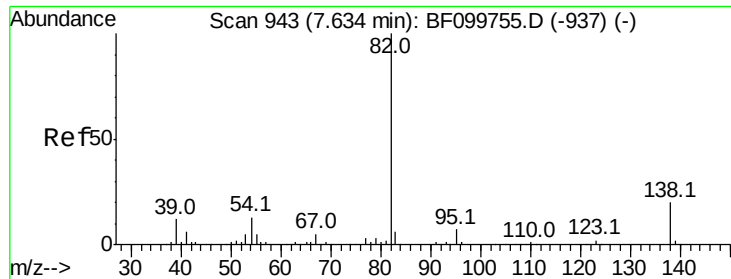
Sohil
11/4/2017 2:19:53 PM



#24
Nitrobenzene
Concen: 43.731 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.3	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 46.288 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Instrument :

BNA_F

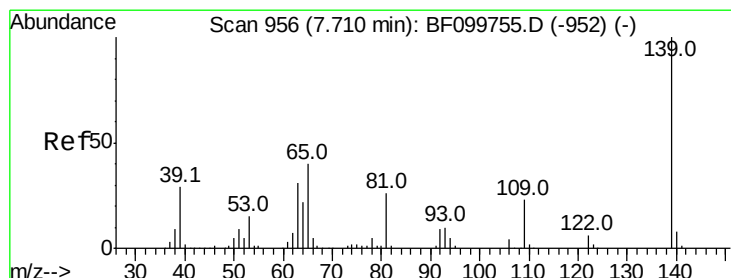
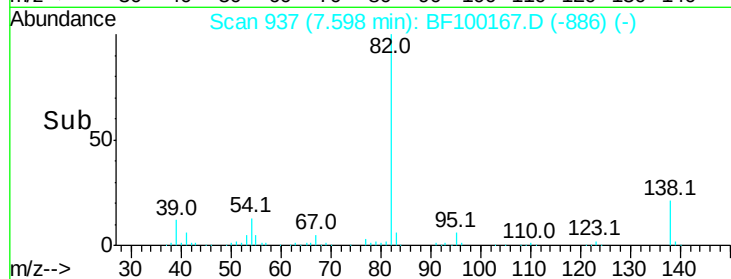
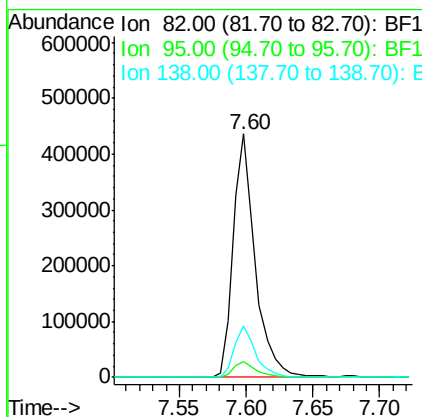
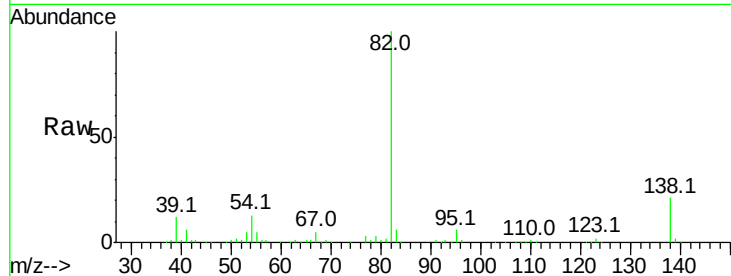
ClientSampleId :

RLF-GW-9SMS

Tot Ion:	82	Resp:	504048
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	21.0	14.9	22.3

Manual Integrations
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11/4/2017 2:19:53 PM



#26

2-Nitrophenol

Concen: 45.071 ng

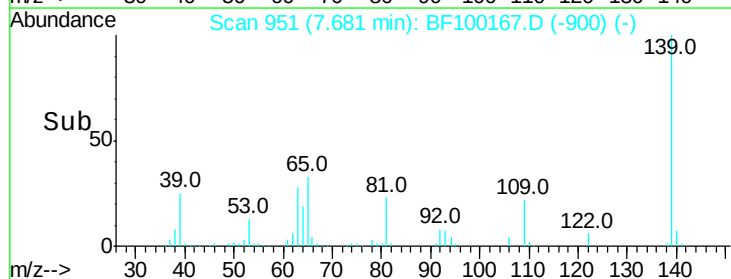
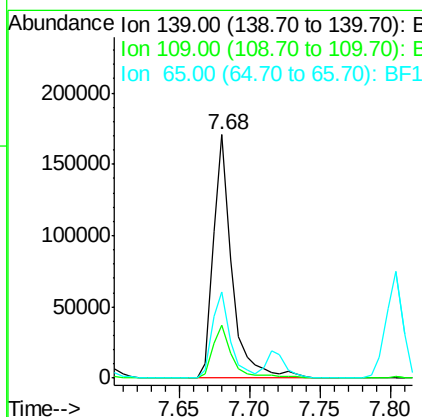
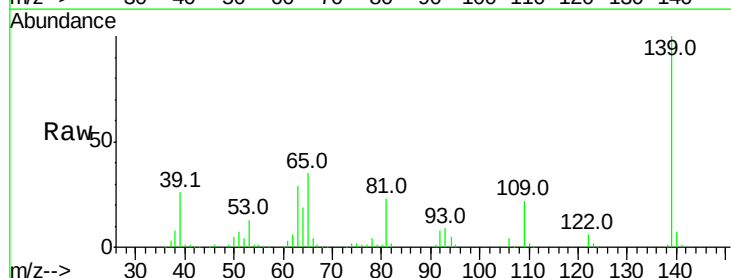
RT: 7.68 min Scan# 951

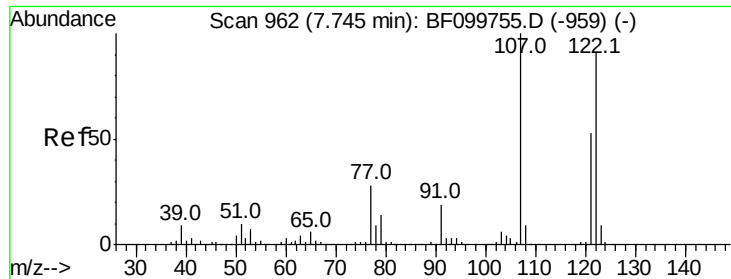
Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Tgt Ion:	139	Resp:	156092
Ion Ratio	Lower	Upper	
139	100		
109	21.5	22.7	34.1#
65	35.3	40.5	60.7#





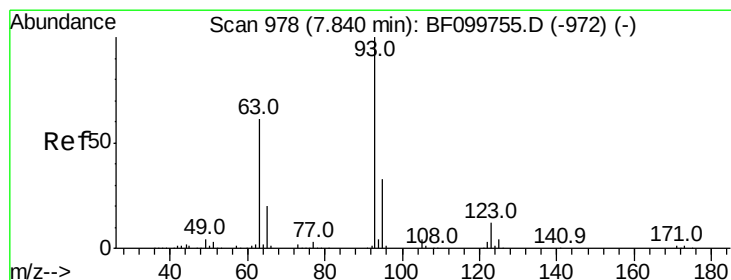
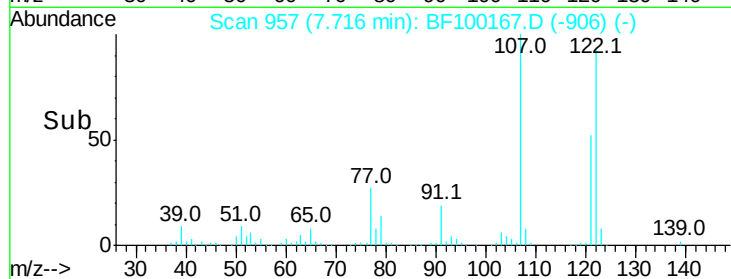
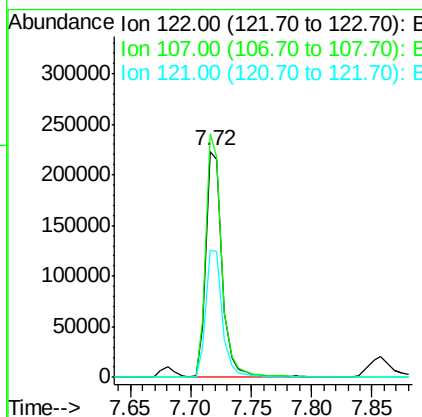
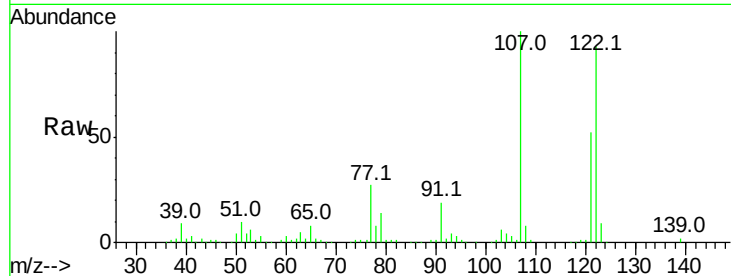
#27
2,4-Dimethylphenol
Concen: 41.542 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		211978		
107	107.9	91.2		136.8	
121	56.5	47.2		70.8	

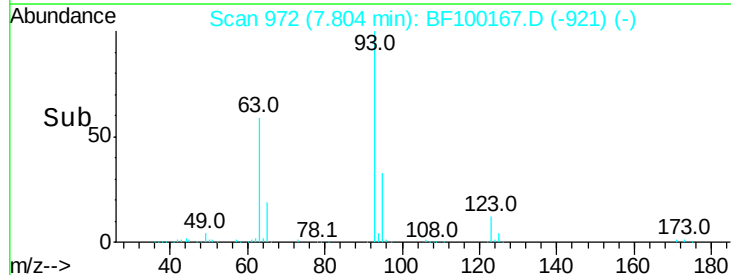
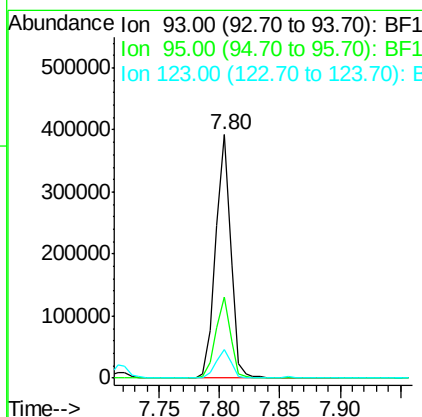
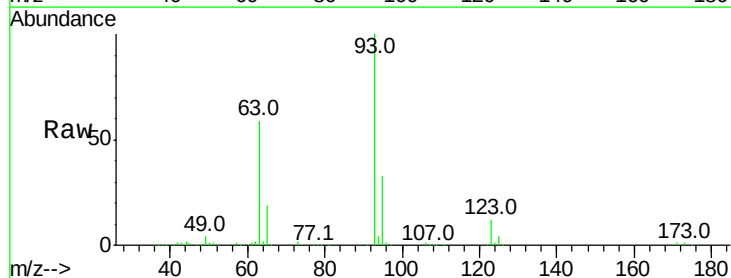
Manual Integrations
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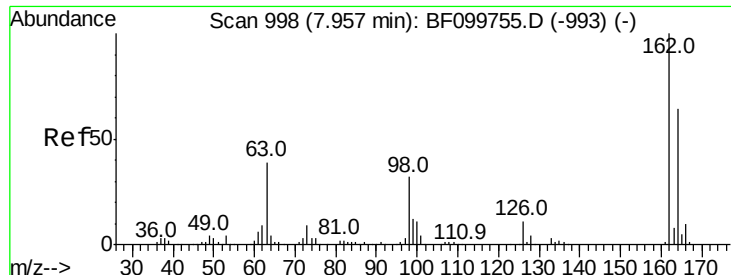
Sohil
11/4/2017 2:19:53 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.772 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		333822		
95	33.4	26.3		39.5	
123	11.6	9.8		14.6	





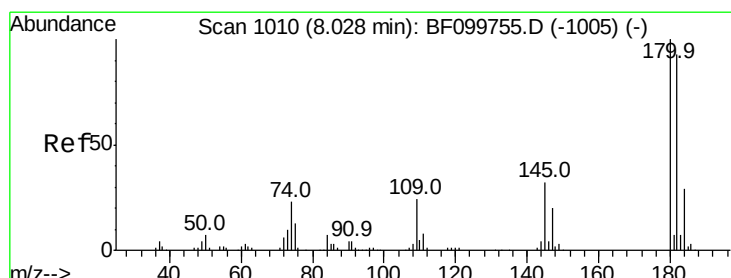
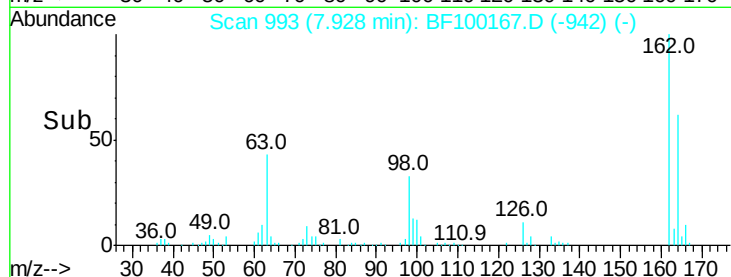
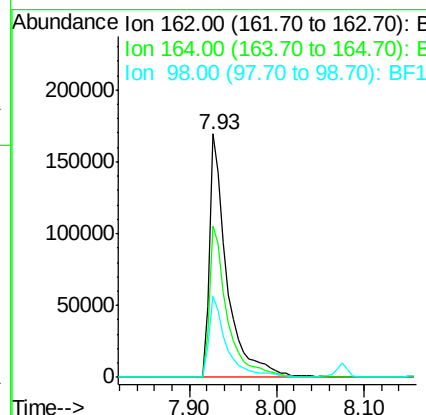
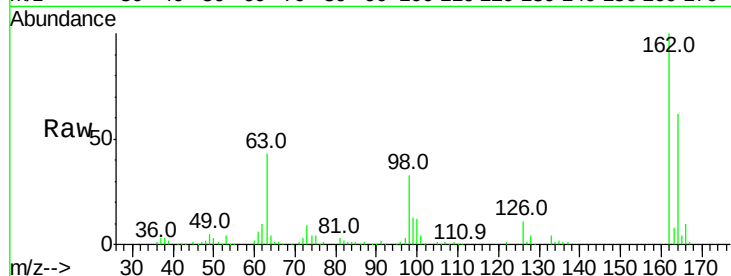
#29
2,4-Dichlorophenol
Concen: 44.398 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.3	42.7	82.7
98	33.3	18.1	58.1

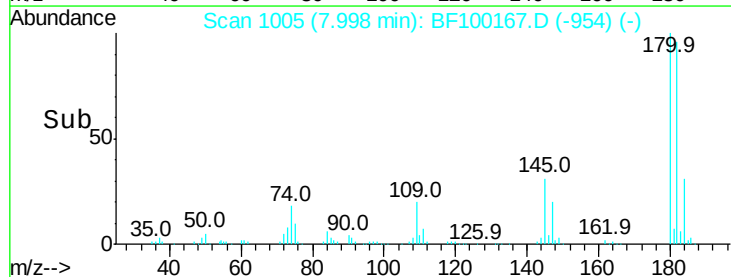
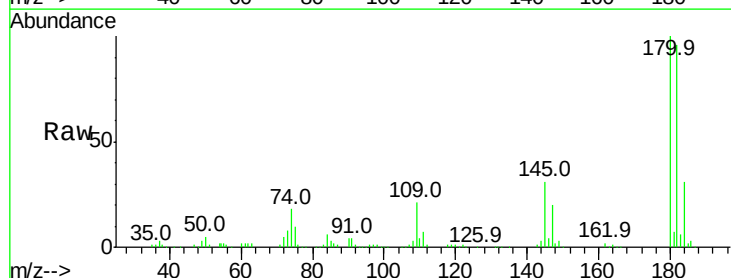
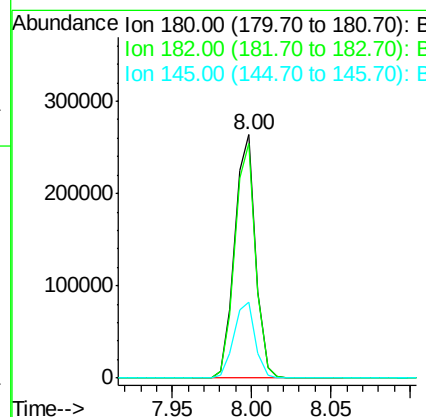
Manual Integrations
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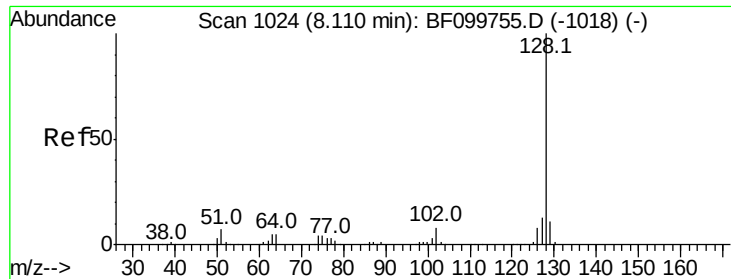
Sohil
11/4/2017 2:19:53 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.404 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.5	76.8	115.2
145	31.4	26.5	39.7





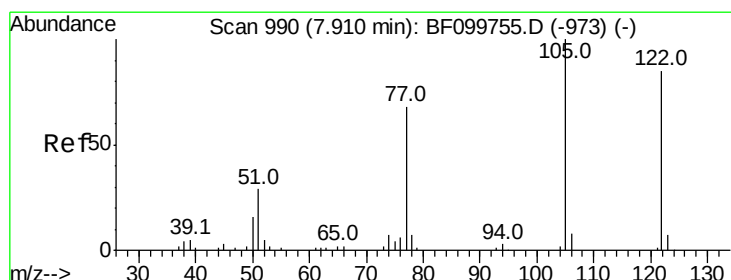
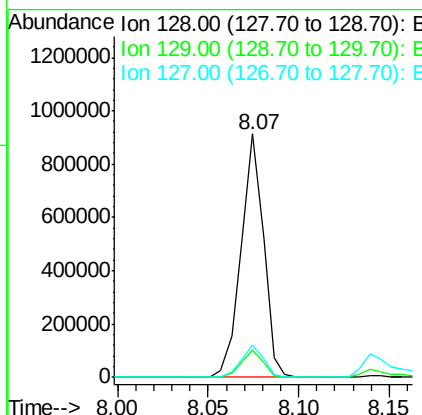
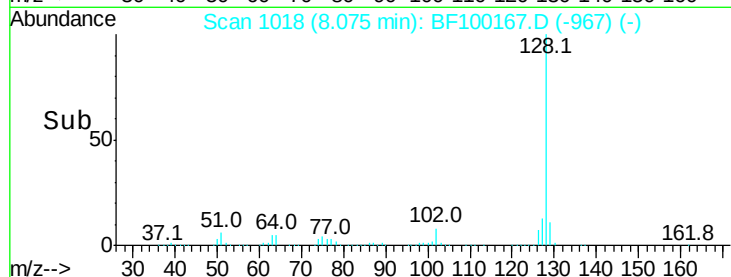
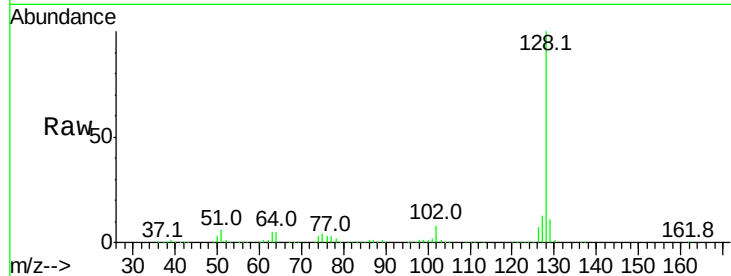
#31
Naphthalene
Concen: 42.384 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.3	10.9	16.3

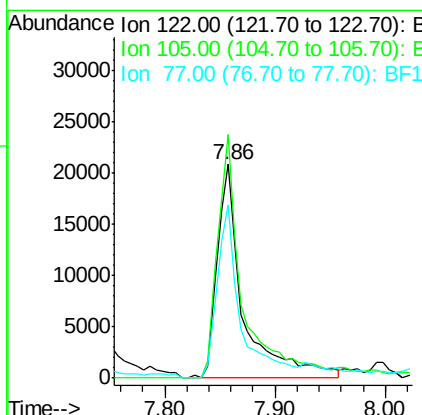
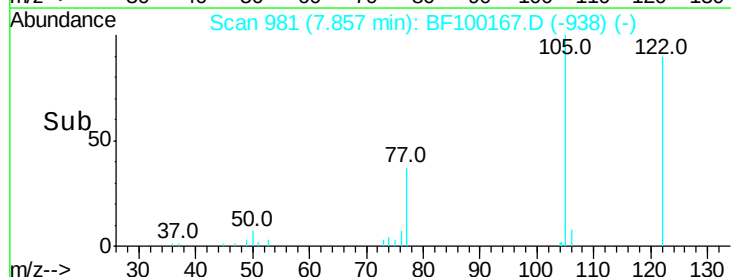
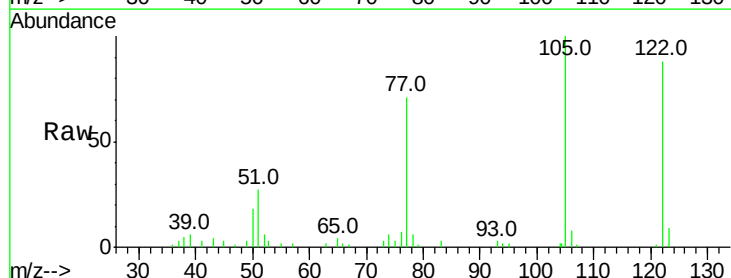
Manual Integrations
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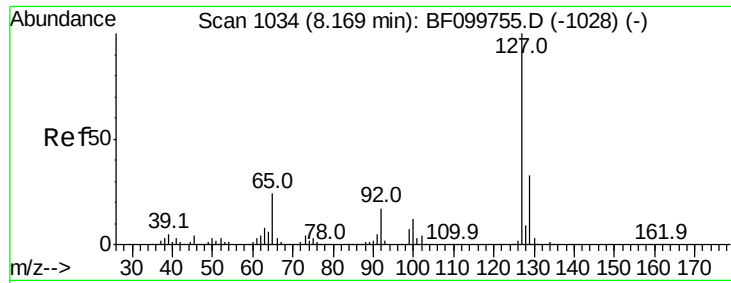
Sohil
11/4/2017 2:19:53 PM



#32
Benzoic acid
Concen: 7.688 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.05 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	113.9	101.1	141.1
77	80.9	70.7	110.7





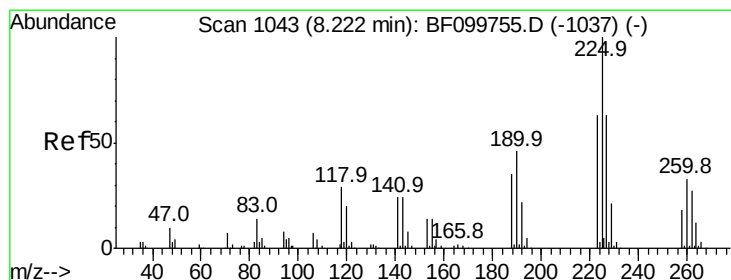
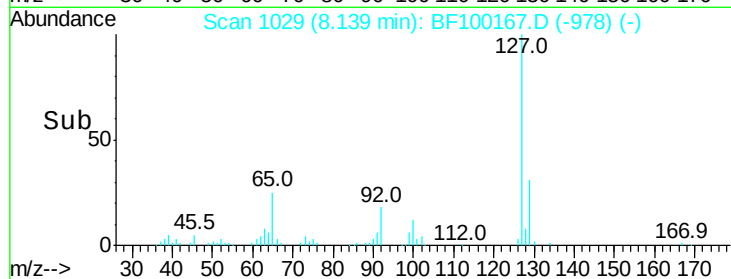
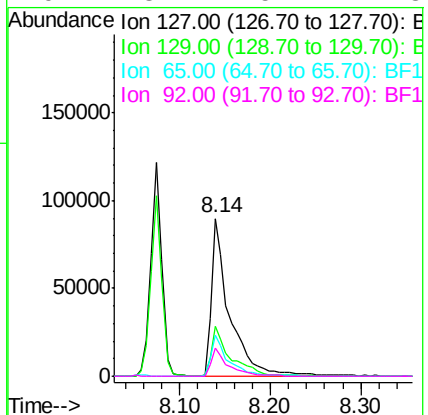
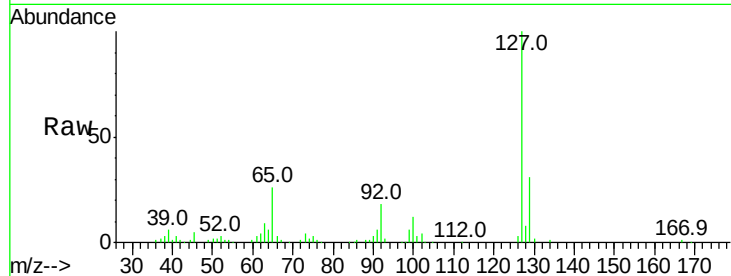
#33
4-Chloroaniline
Concen: 16.057 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.9	38.9		
65	25.7	25.0	37.4		
92	18.2	15.2	22.8		

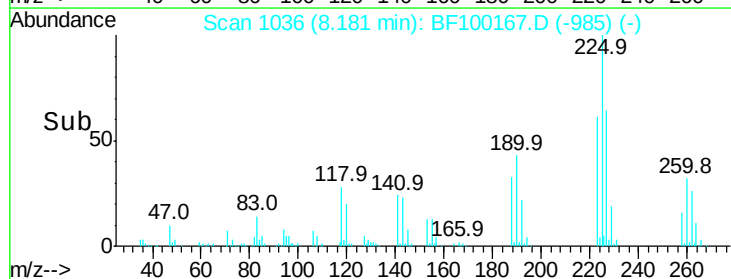
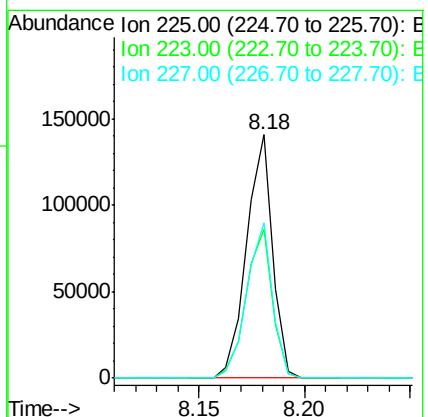
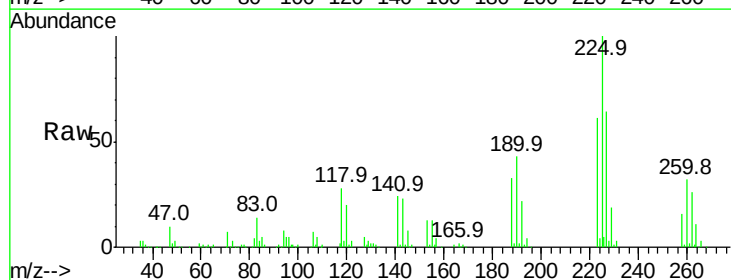
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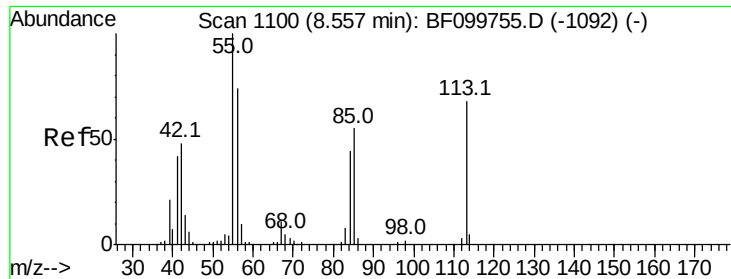
Sohil
11/4/2017 2:19:53 PM



#34
Hexachlorobutadiene
Concen: 41.460 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	50.6	76.0		
227	63.7	51.9	77.9		





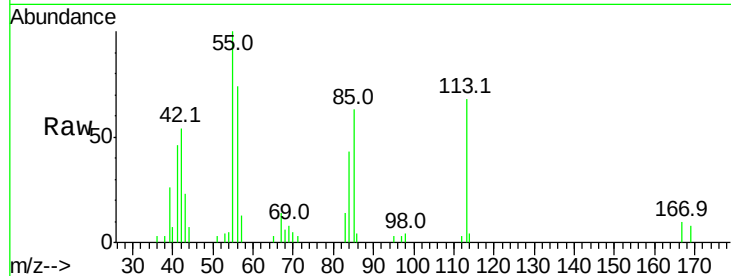
#35
 Caprolactam
 Concen: 8.082 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

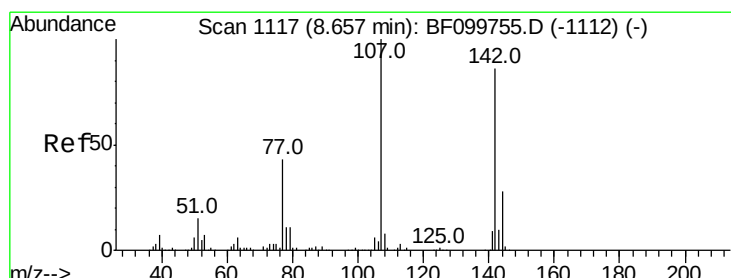
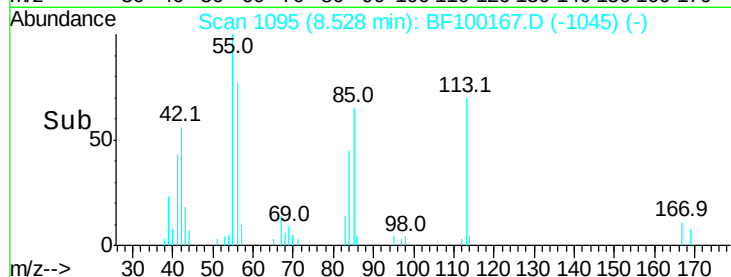
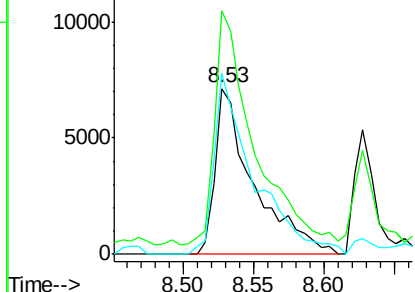
Tot Ion:113 Resp: 13472
 Ion Ratio Lower Upper
 113 100
 55 146.9 163.3 203.3#
 56 109.2 115.7 155.7#

Manual Integrations
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 11/4/2017 2:19:53 PM



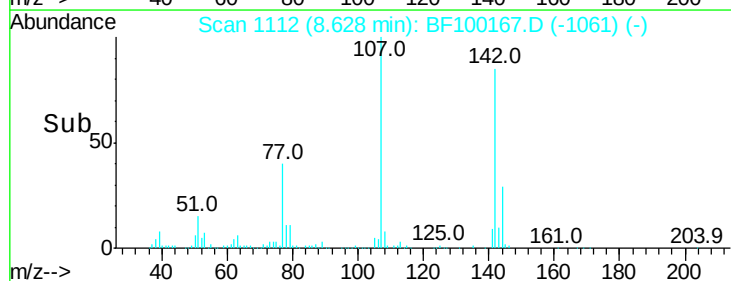
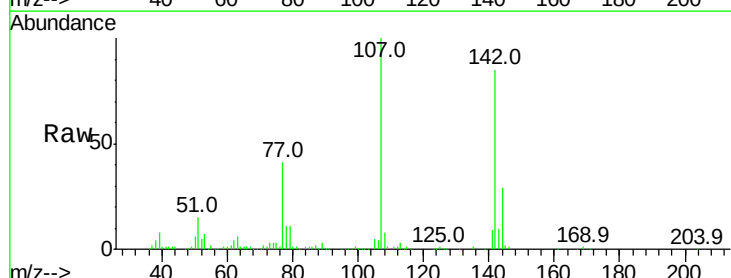
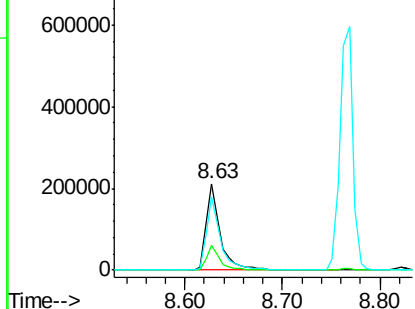
Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

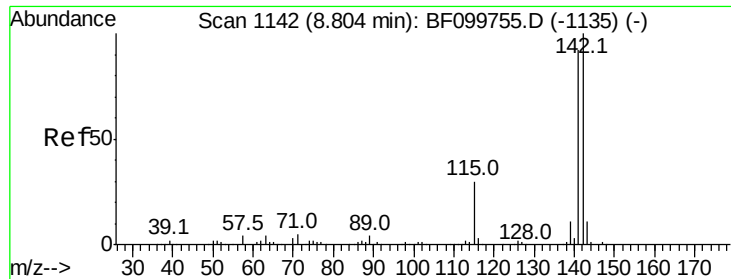


#36
 4-Chloro-3-methylphenol
 Concen: 39.057 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Tgt Ion:107 Resp: 211320
 Ion Ratio Lower Upper
 107 100
 144 28.8 20.5 30.7
 142 85.0 62.0 93.0

Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





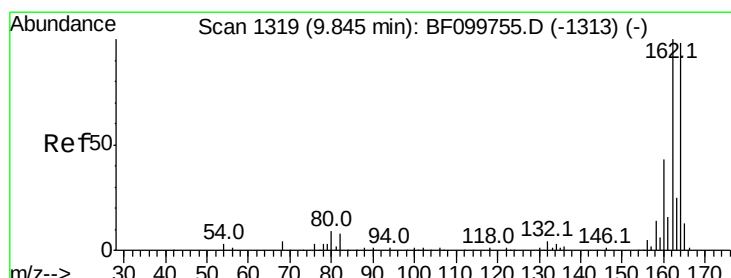
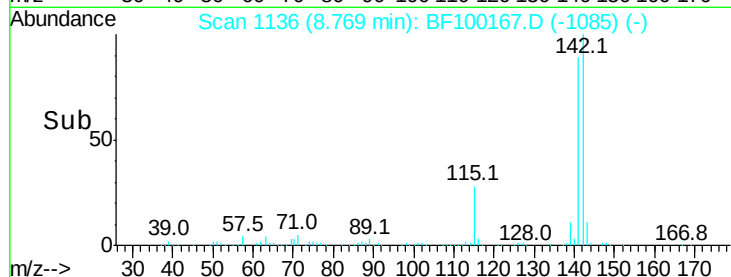
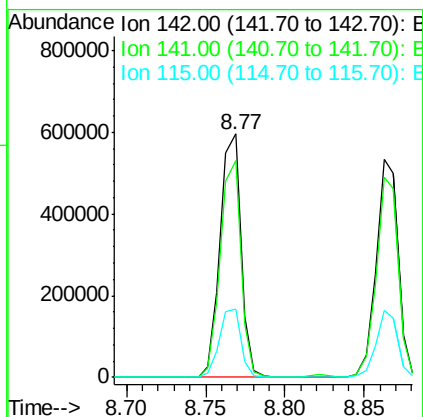
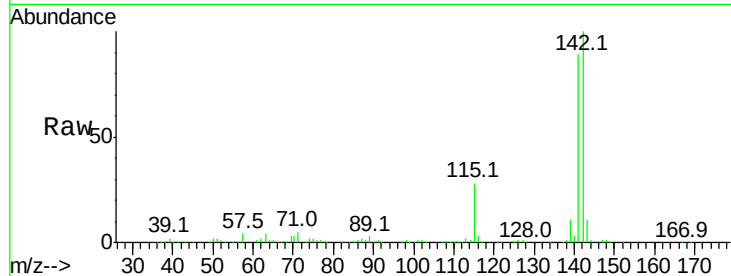
#37
2-Methylnaphthalene
Concen: 43.891 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	28.2	26.1	39.1

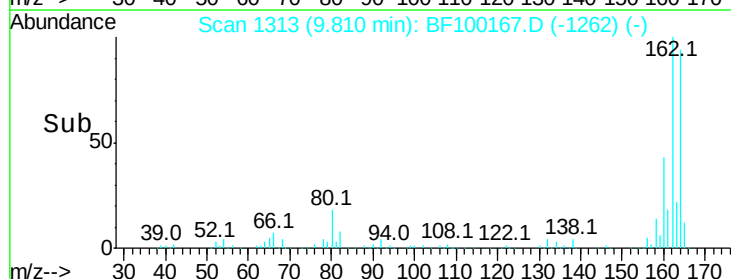
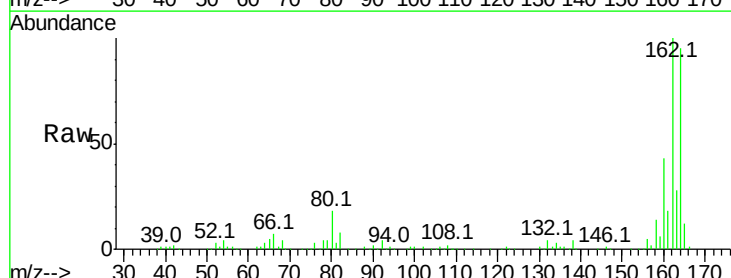
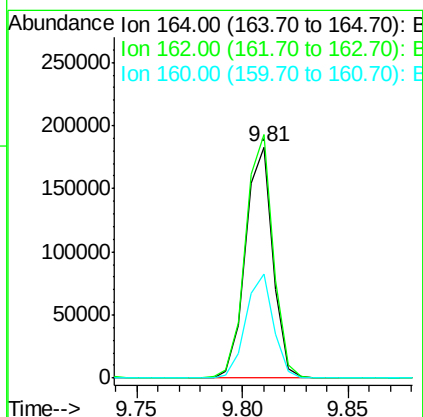
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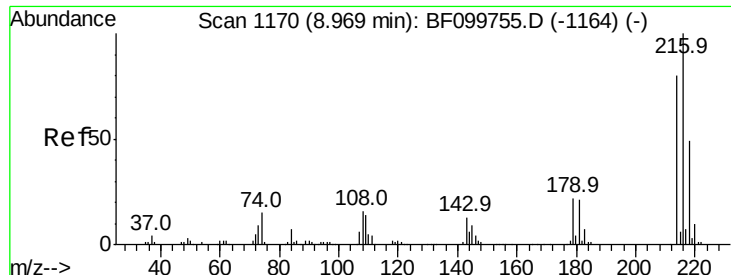
Sohil
11/4/2017 2:19:53 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	44.8	38.3	57.5





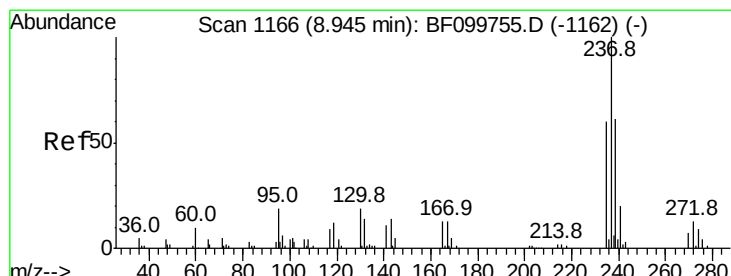
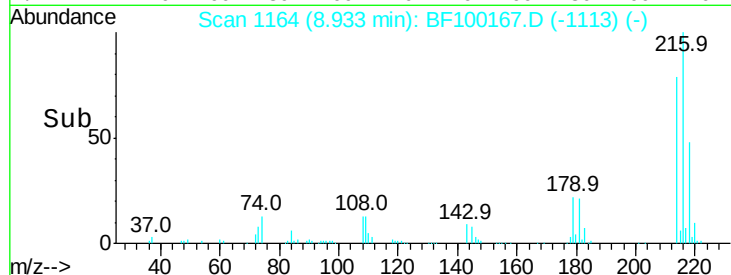
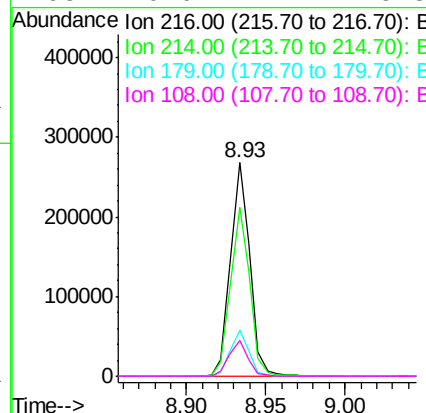
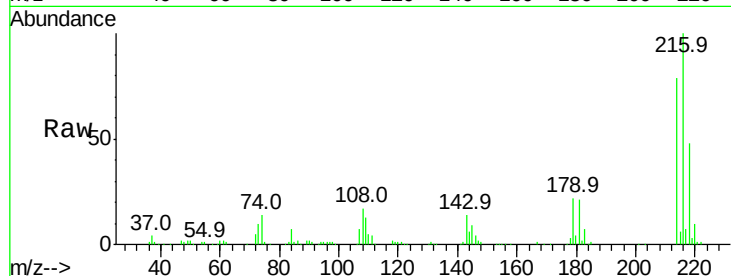
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.436 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	224918		
214	79.0	63.0	94.4	
179	21.1	18.1	27.1	
108	16.6	17.2	25.8	

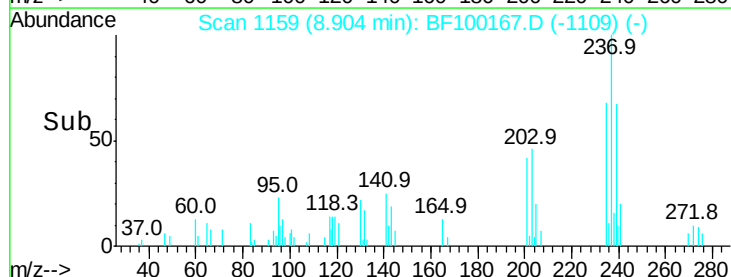
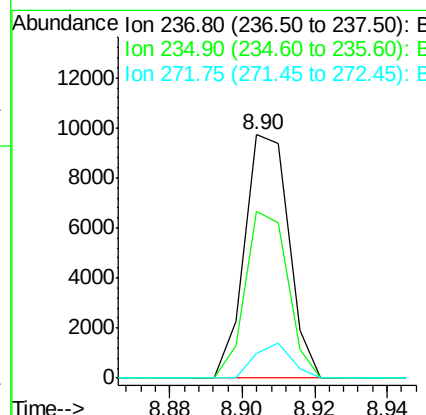
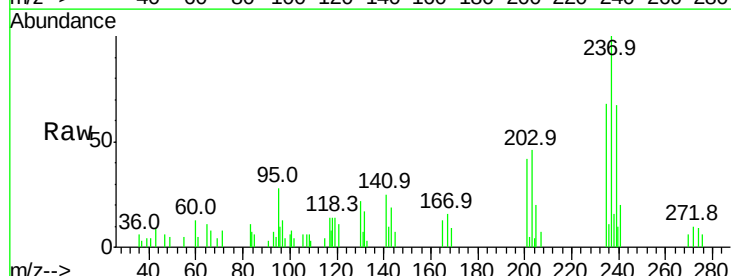
Manual Integrations
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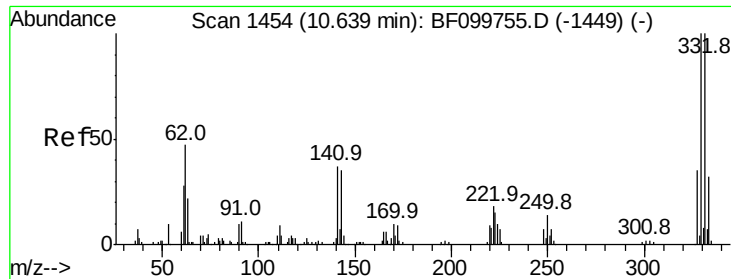
Sohil
 11/4/2017 2:19:53 PM



#40
 Hexachlorocyclopentadiene
 Concen: 18.858 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	8222		
235	68.5	44.8	84.8	
272	9.9	0.0	33.3	





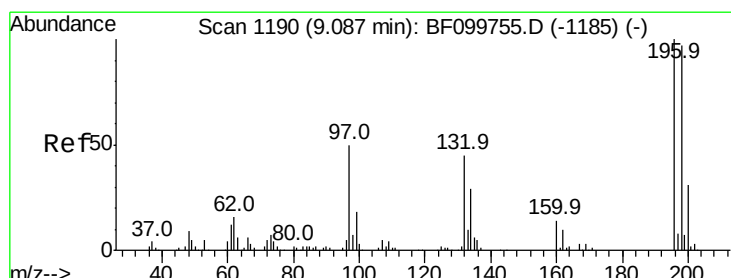
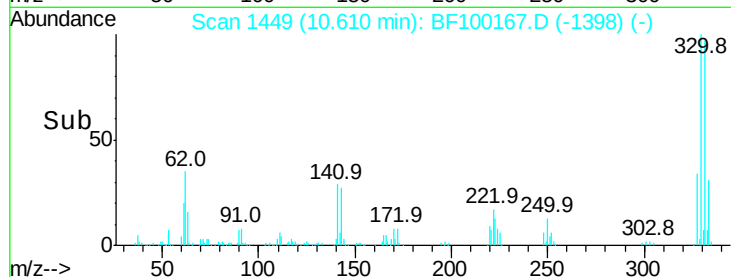
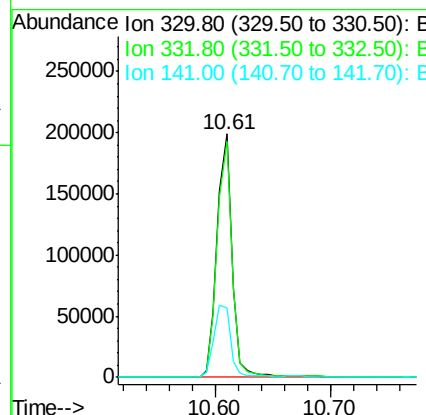
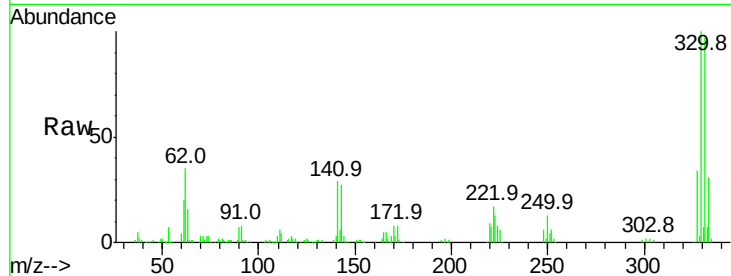
#41
 2,4,6-Tribromophenol
 Concen: 122.570 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	183305		
332	97.0	77.0	115.6	
141	33.1	29.9	44.9	

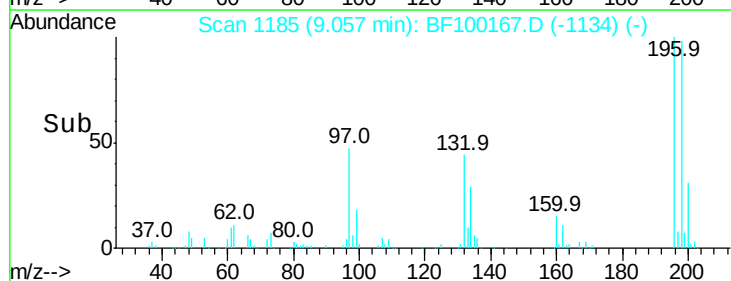
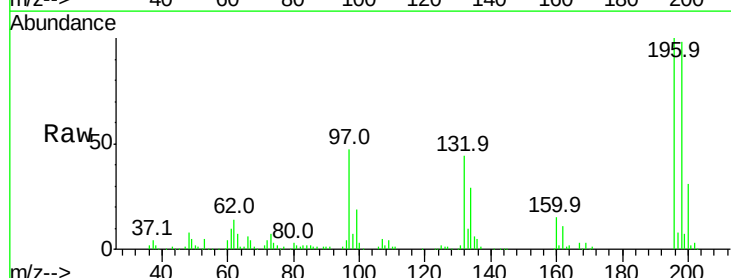
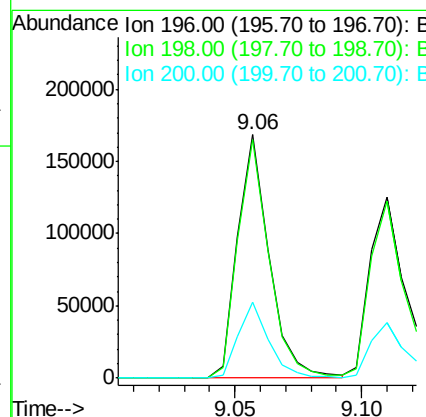
Manual Integrations
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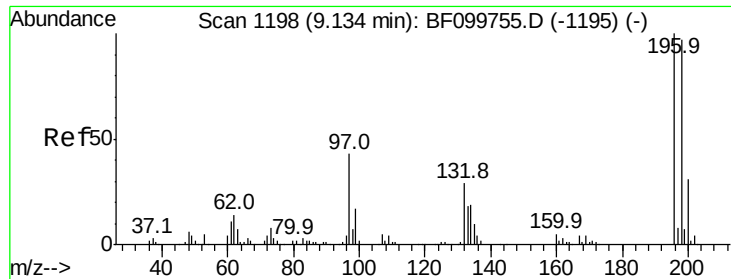
Sohil
 11/4/2017 2:19:53 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.378 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145482		
198	97.9	75.7	113.5	
200	31.1	24.5	36.7	





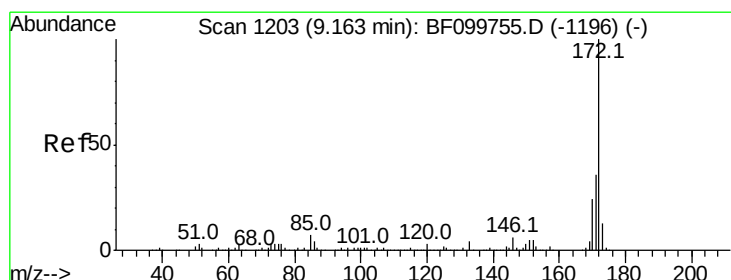
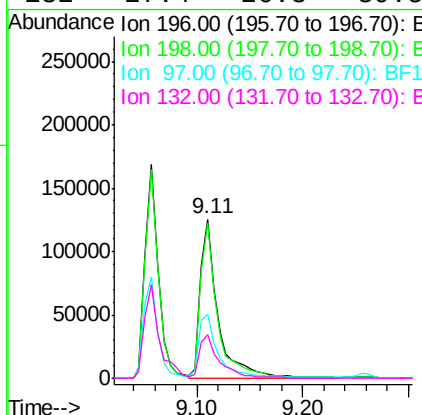
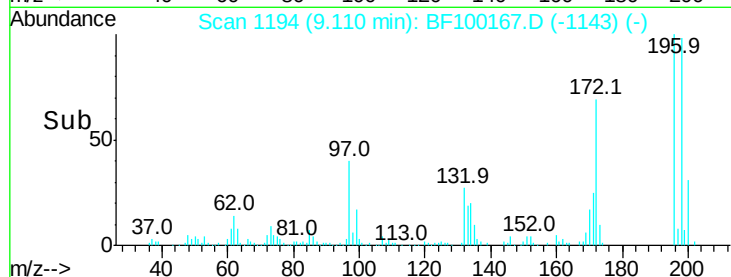
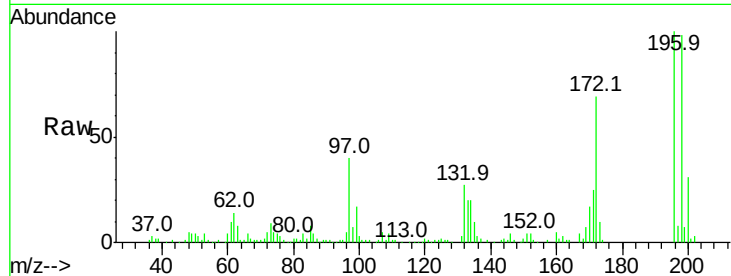
#43
 2,4,5-Trichlorophenol
 Concen: 42.144 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	143379		
198	97.7	74.6	112.0	
97	40.3	42.9	64.3	
132	27.4	26.3	39.5	

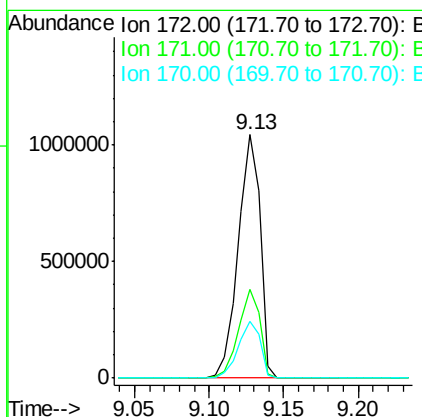
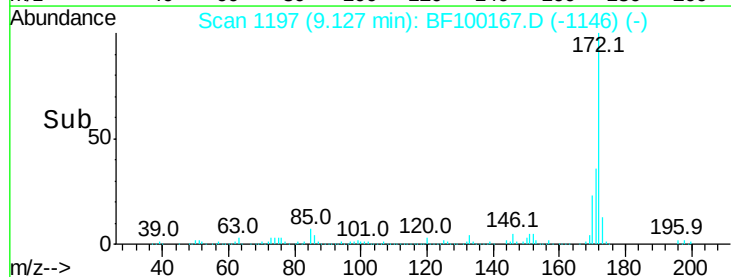
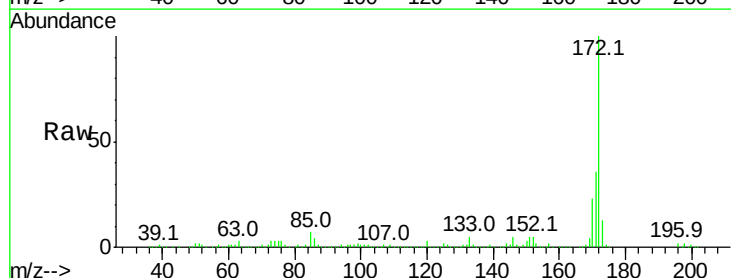
Manual Integrations
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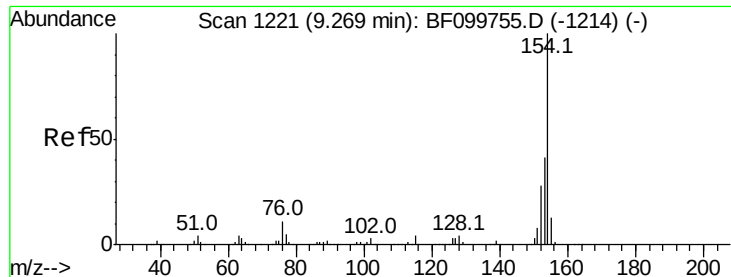
Sohil
 11/4/2017 2:19:53 PM



#44
 2-Fluorobiphenyl
 Concen: 100.943 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1073676		
171	36.2	29.7	44.5	
170	23.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 42.807 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Instrument :

BNA_F

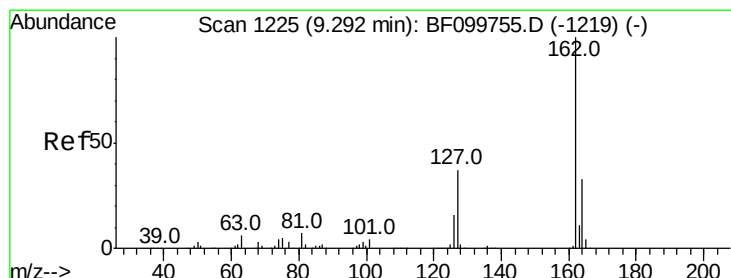
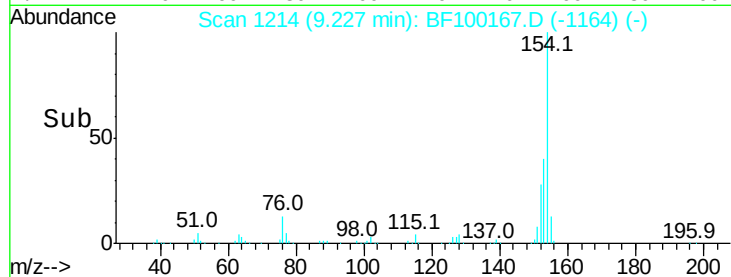
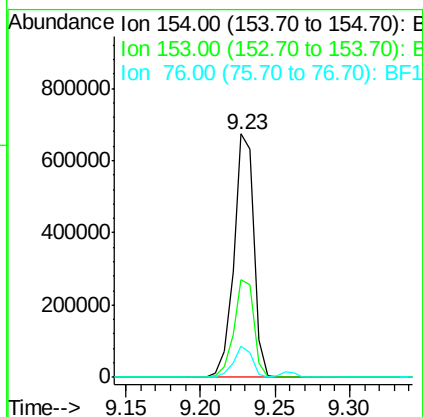
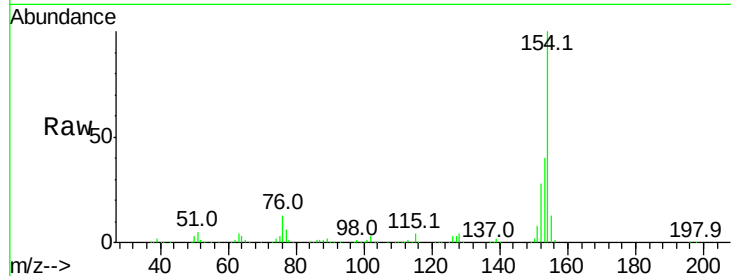
ClientSampleId :

RLF-GW-9SMS

Tot Ion:	154	Resp:	635489
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.3	61.3
76	12.8	0.0	34.0

Manual Integrations
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11/4/2017 2:19:53 PM



#46

2-Chloronaphthalene

Concen: 45.274 ng

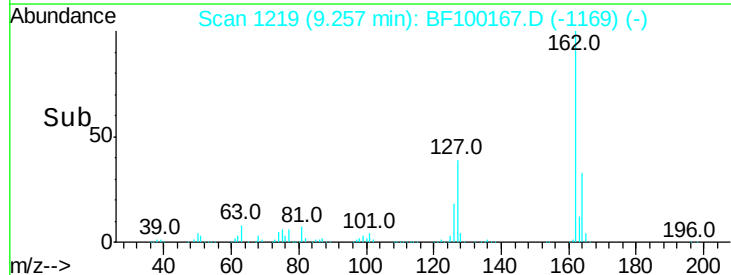
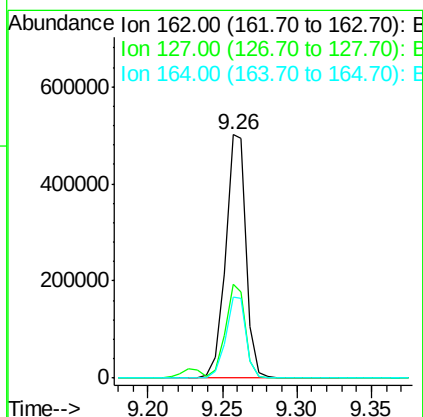
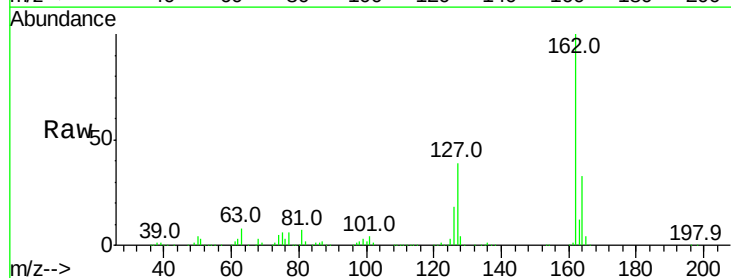
RT: 9.26 min Scan# 1219

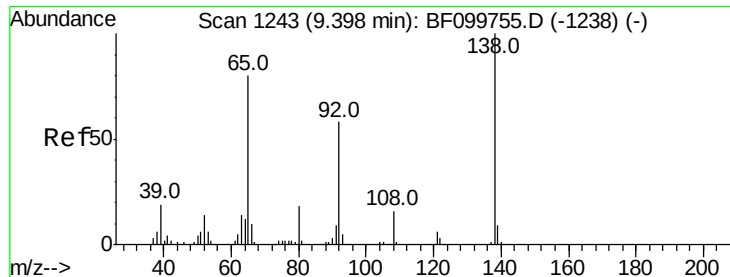
Delta R.T. -0.01 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Tgt Ion:	162	Resp:	488113
Ion Ratio	Lower	Upper	
162	100		
127	38.7	33.9	50.9
164	33.1	26.5	39.7





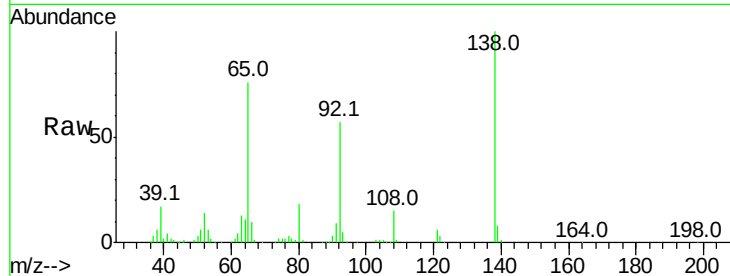
#47
2-Nitroaniline
Concen: 44.587 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.5	55.8	83.6
138	131.7	91.2	136.8

Manual Integrations
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Sohil
11/4/2017 2:19:53 PM

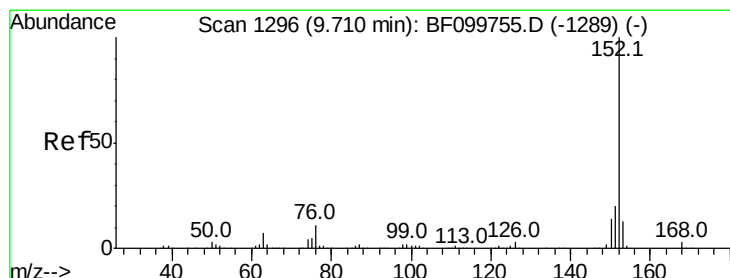
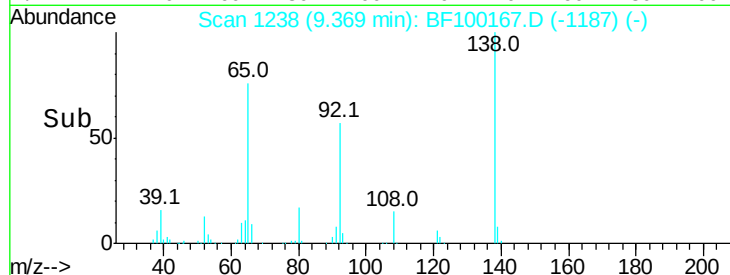
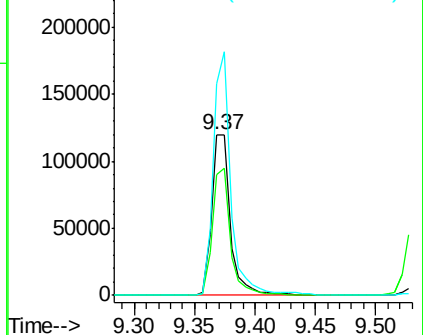


Abundance

Ion 65.00 (64.70 to 65.70): BF1

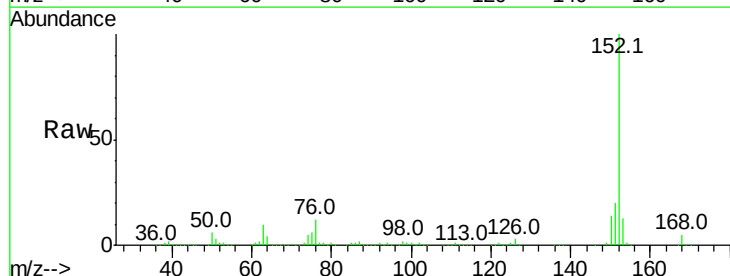
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 42.662 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	12.7	10.7	16.1

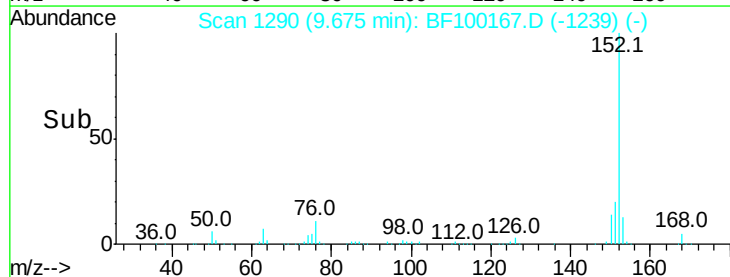
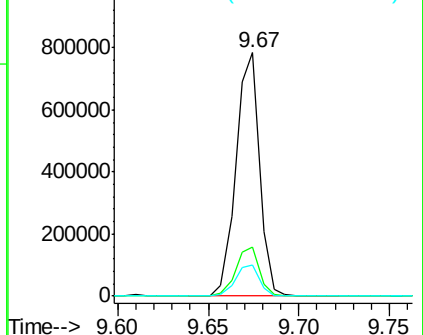


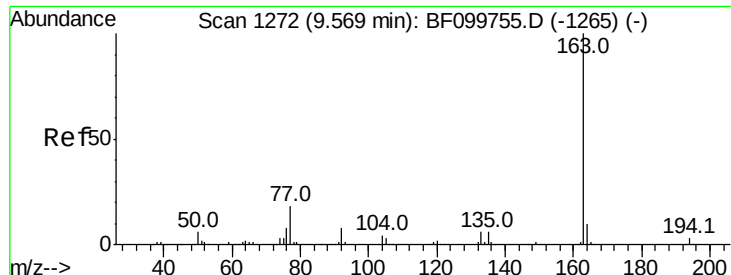
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





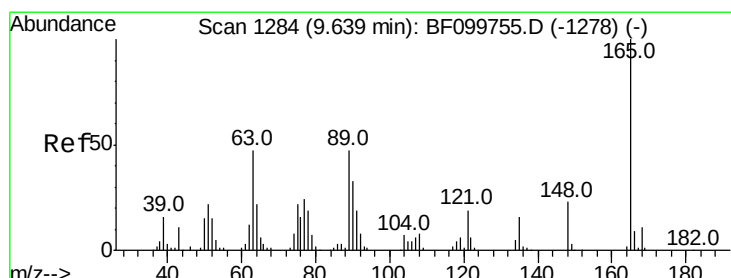
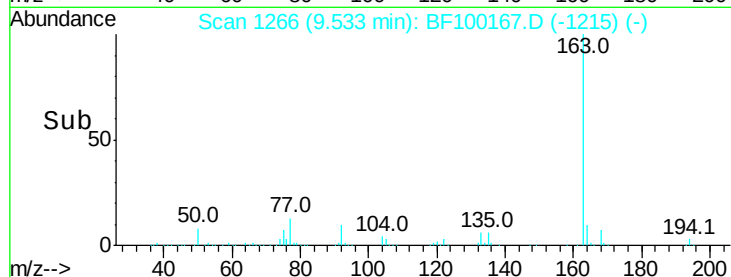
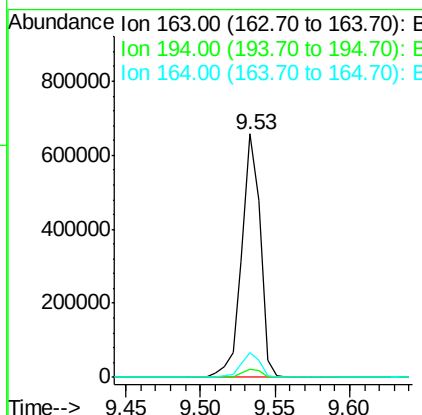
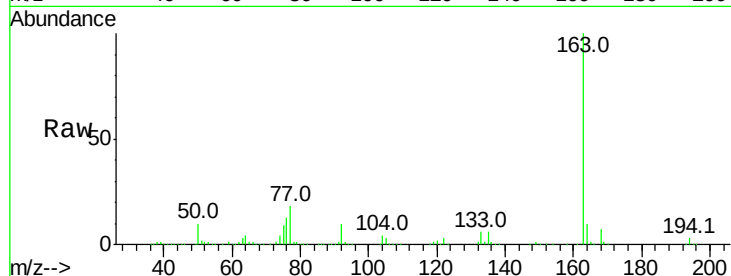
#49
Dimethylphthalate
Concen: 43.914 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.2	8.2	12.2	

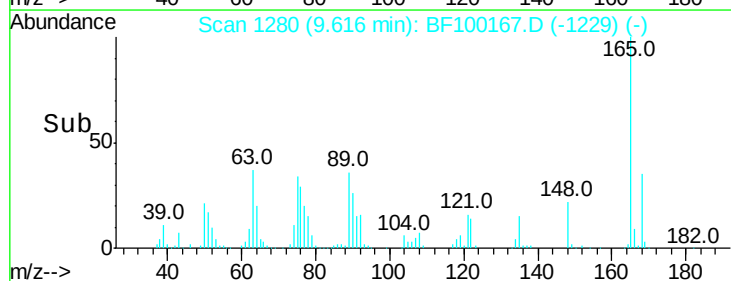
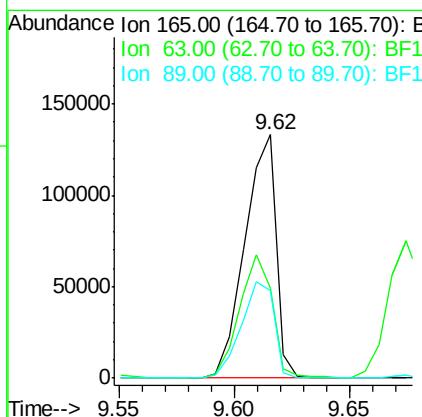
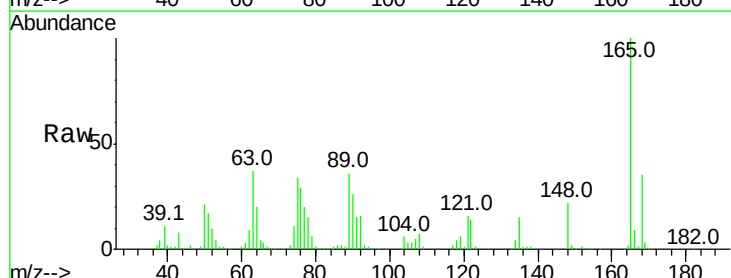
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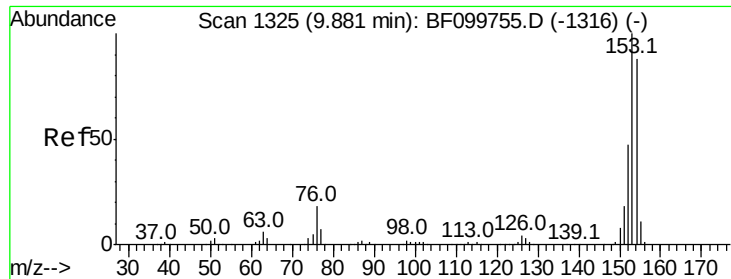
Sohil
11/4/2017 2:19:53 PM



#50
2,6-Dinitrotoluene
Concen: 46.097 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	36.9	44.7	67.1#	
89	36.1	44.0	66.0#	





#51

Acenaphthene

Concen: 42.221 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Instrument :

BNA_F

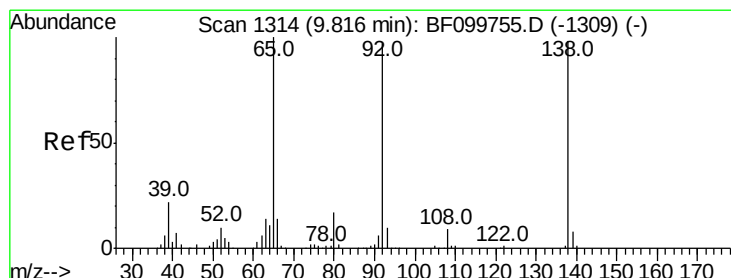
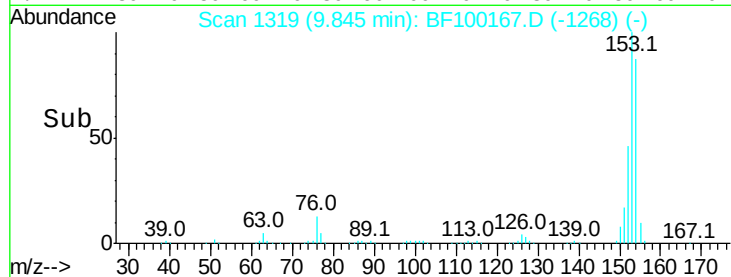
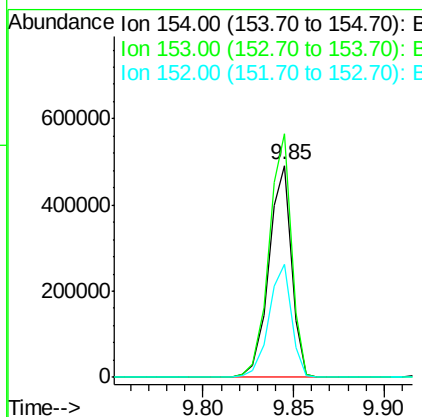
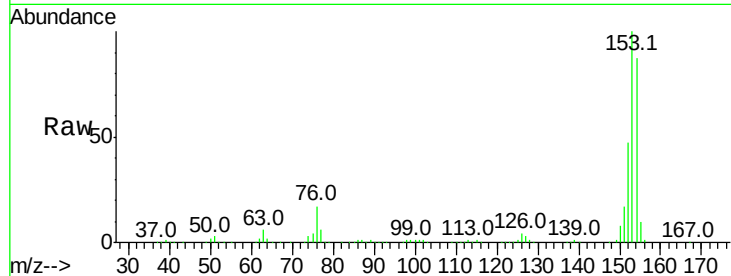
ClientSampleId :

RLF-GW-9SMS

Tot Ion:	154	Resp:	428386
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.2	136.8
152	53.4	43.8	65.8

Manual Integrations
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11/4/2017 2:19:53 PM



#52

3-Nitroaniline

Concen: 24.363 ng

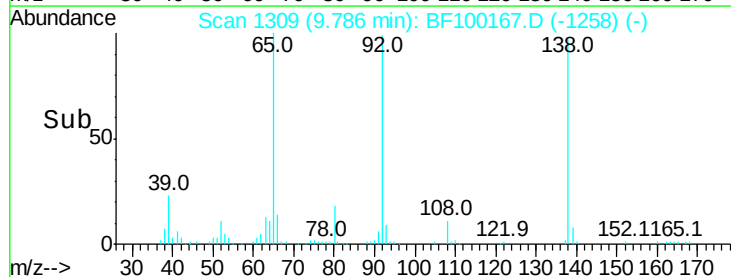
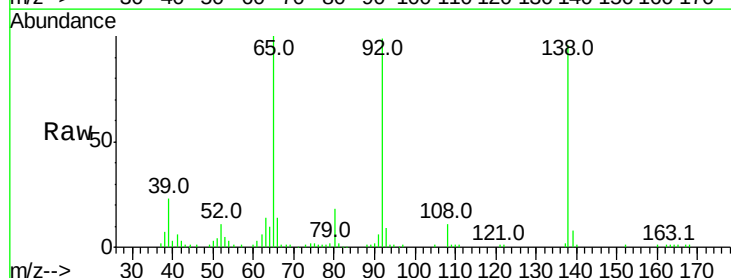
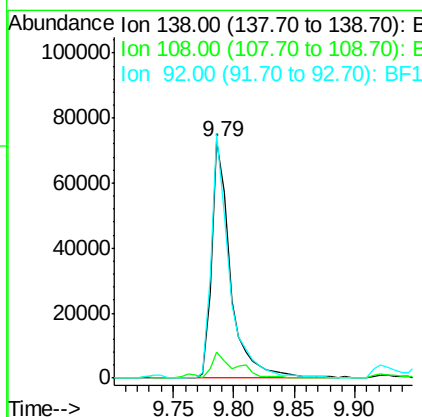
RT: 9.79 min Scan# 1309

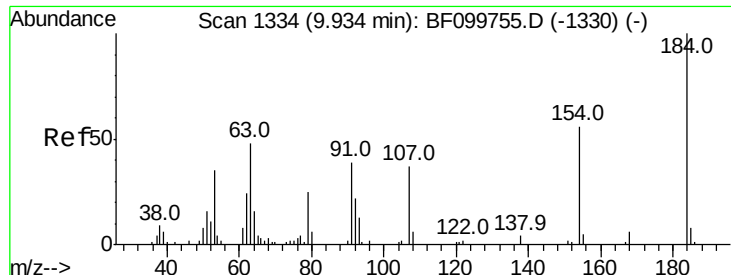
Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Tgt Ion:	138	Resp:	78426
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.4	14.0
92	102.7	89.4	134.2





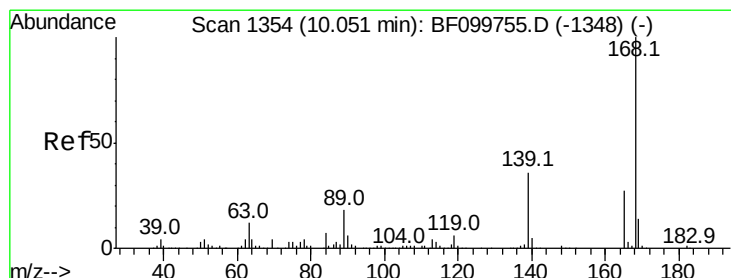
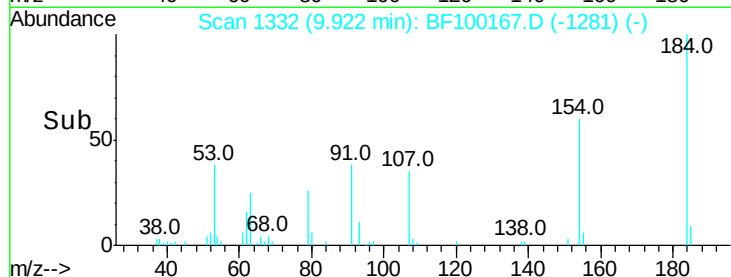
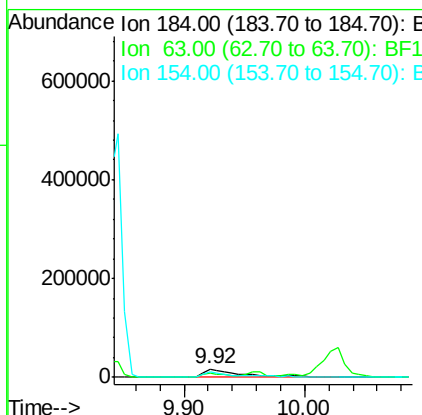
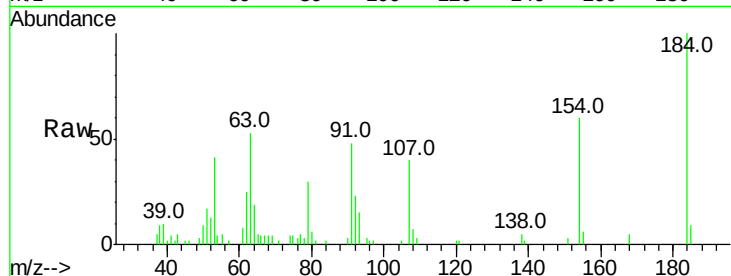
#53
 2,4-Dinitrophenol
 Concen: 37.178 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	53.5	54.2	81.2#	
154	60.0	53.5	80.3	

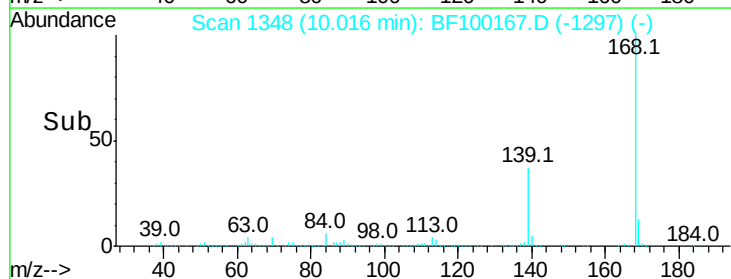
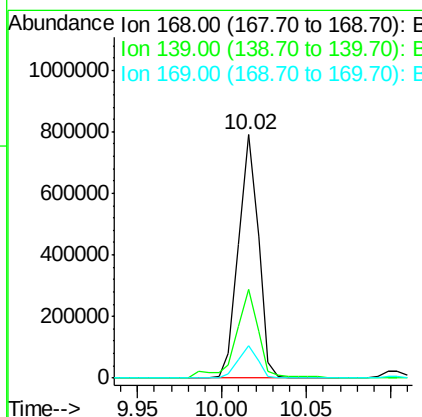
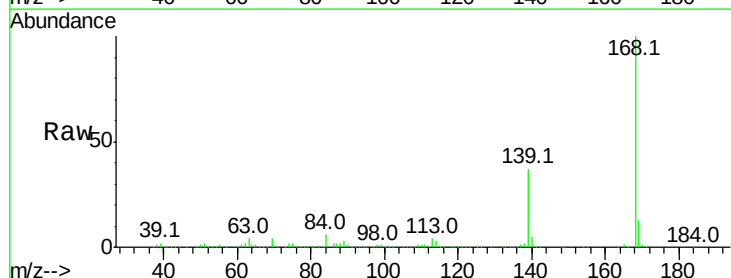
Manual Integrations
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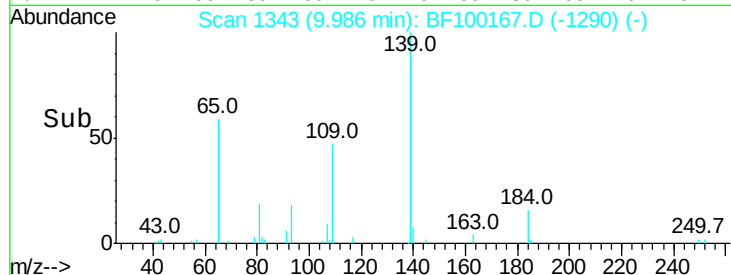
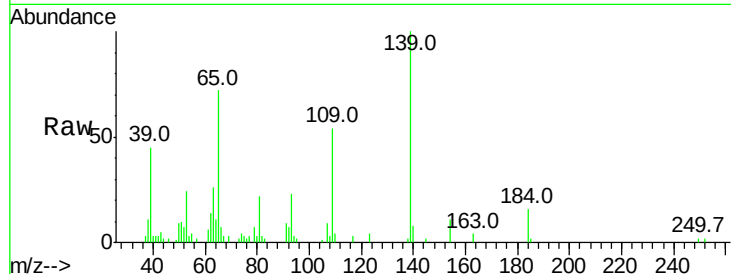
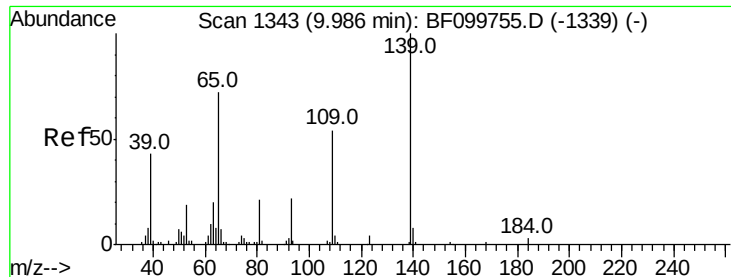
Sohil
 11/4/2017 2:19:53 PM



#54
 Dibenzofuran
 Concen: 45.149 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.6	30.1	45.1	
169	13.4	10.9	16.3	





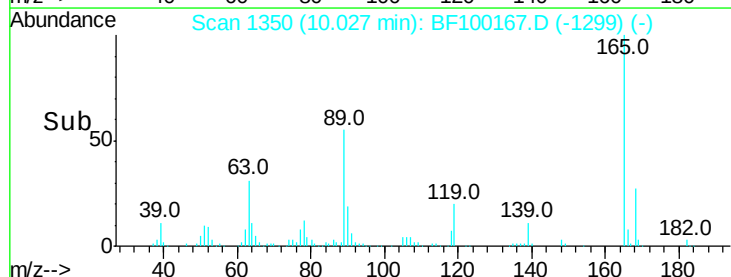
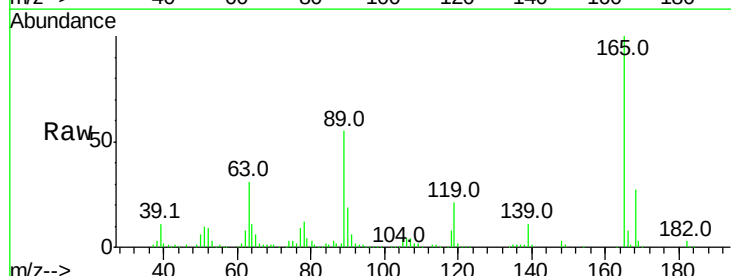
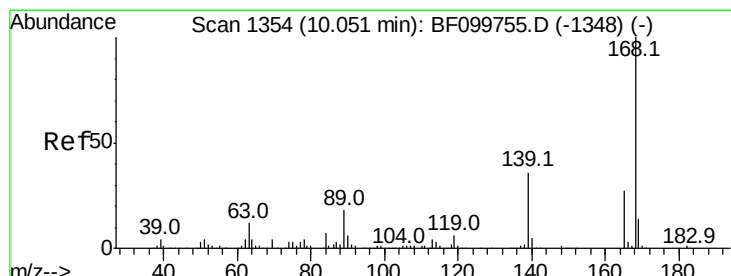
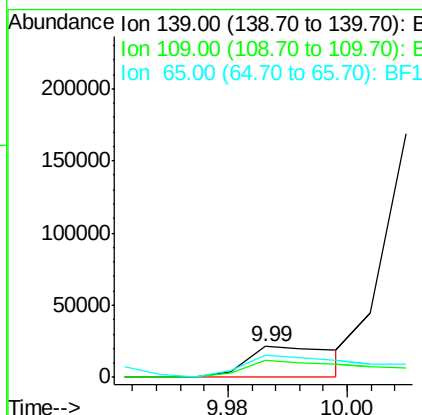
#55
4-Nitrophenol
Concen: 13.220 ng/ml
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tot Ion	Ratio	Lower	Upper
139	100		
109	54.2	48.4	88.4
65	72.0	72.6	112.6

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

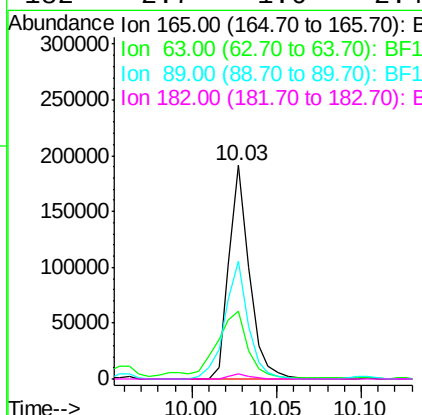
Manual Integrations
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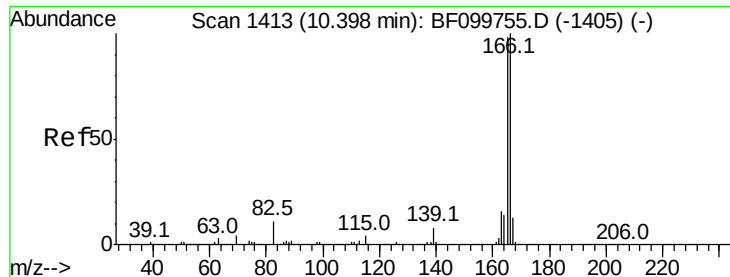
Sohil
11/4/2017 2:19:53 PM



#56
2,4-Dinitrotoluene
Concen: 48.783 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	31.5	36.4	54.6
89	55.1	57.8	86.6
182	2.7	1.6	2.4





#57

Fluorene

Concen: 42.699 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Instrument :

BNA_F

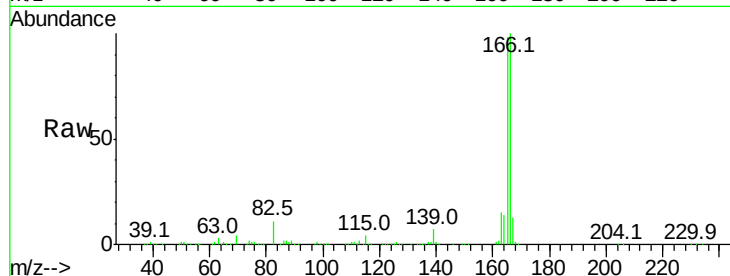
ClientSampleId :

RLF-GW-9SMS

Tot Ion:	166	Resp:	506346
Ion Ratio	Lower	Upper	
166	100		
165	97.5	79.8	119.8
167	12.9	10.6	16.0

Manual Integrations
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11/4/2017 2:19:53 PM

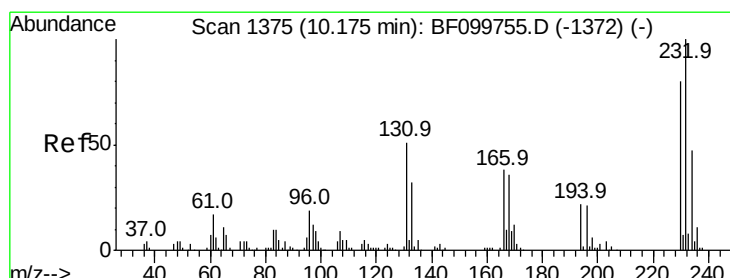
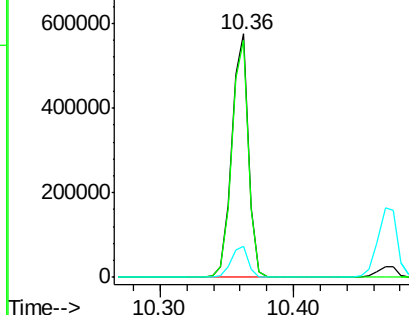
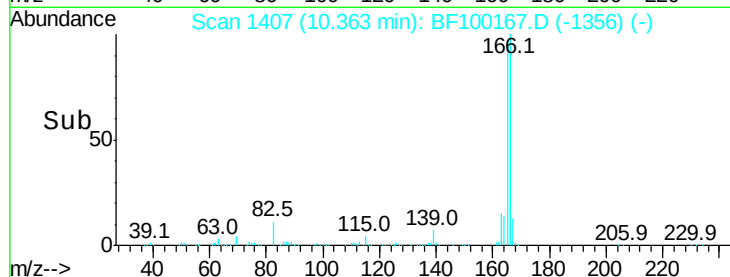


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.109 ng

RT: 10.15 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Tgt Ion:	232	Resp:	105216
Ion Ratio	Lower	Upper	
232	100		
131	45.0	43.8	65.8
130	2.2	2.1	3.1
166	33.0	27.8	41.6

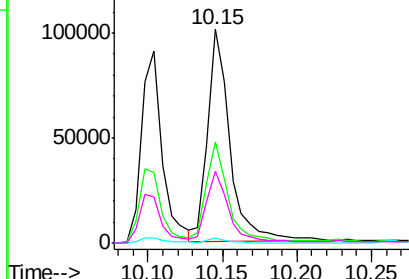
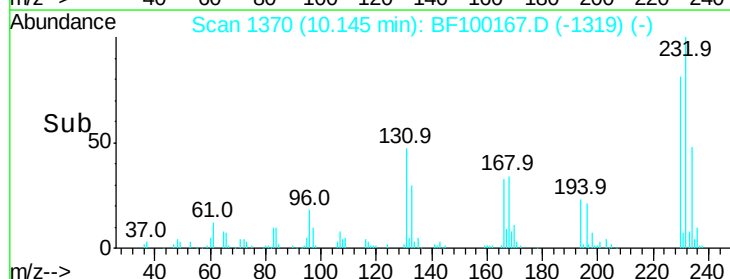
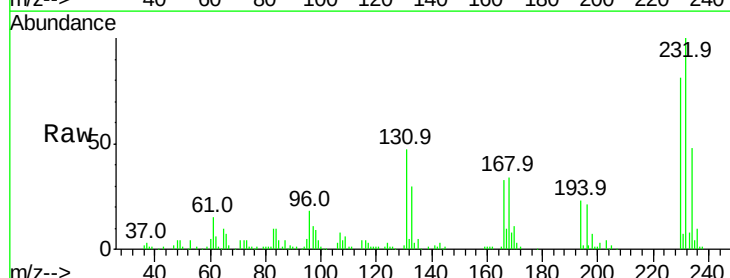
Abundance

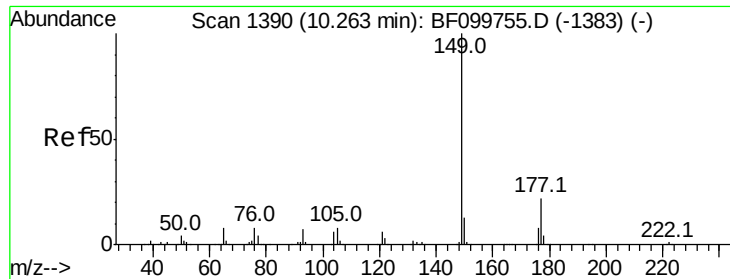
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





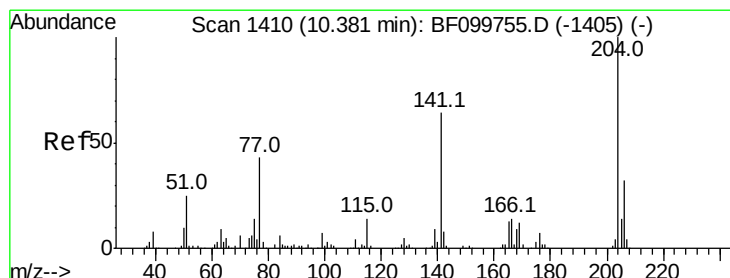
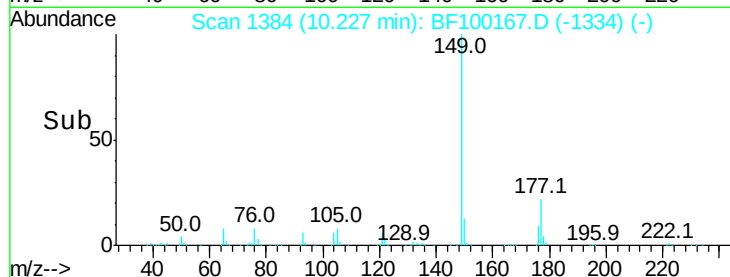
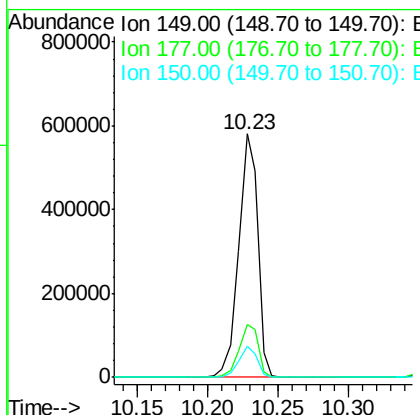
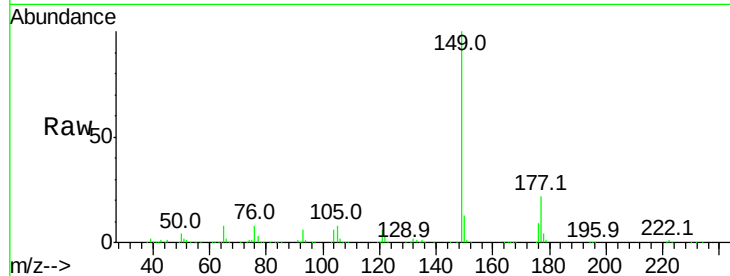
#59
Diethylphthalate
Concen: 42.915 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	544628		
177	21.7		16.1	24.1
150	12.7		10.1	15.1

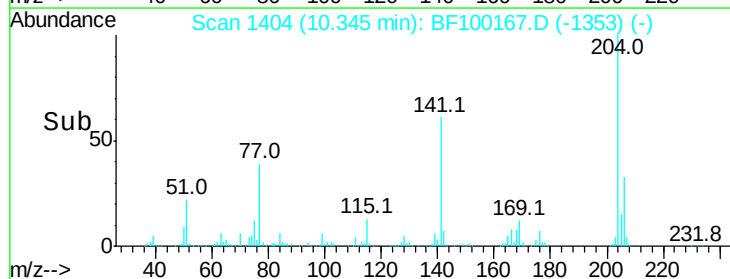
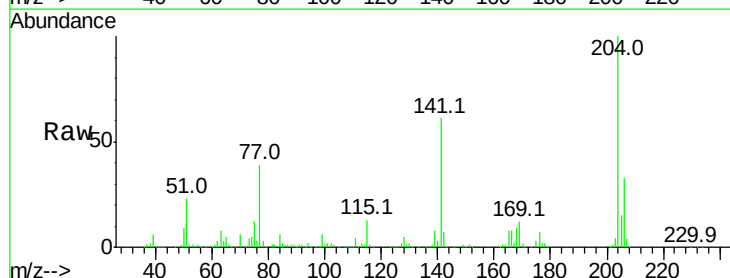
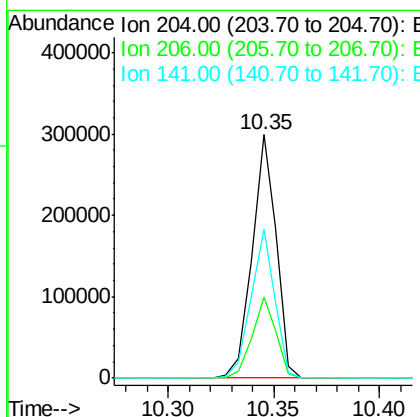
Manual Integrations
APPROVED

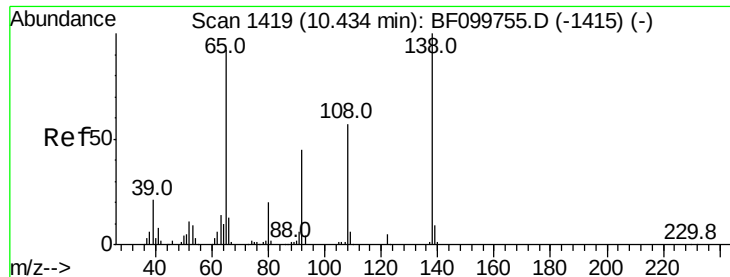
Sohil
11/4/2017 2:19:53 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.330 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	236243		
206	33.3		26.5	39.7
141	61.2		54.6	81.8





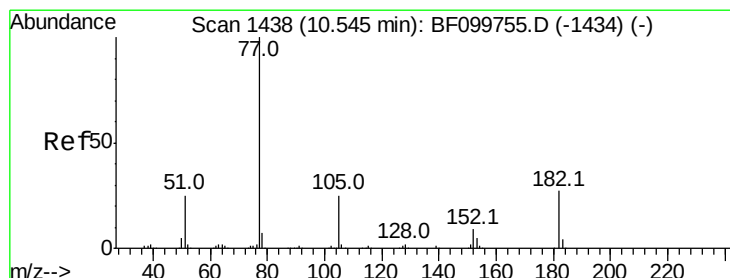
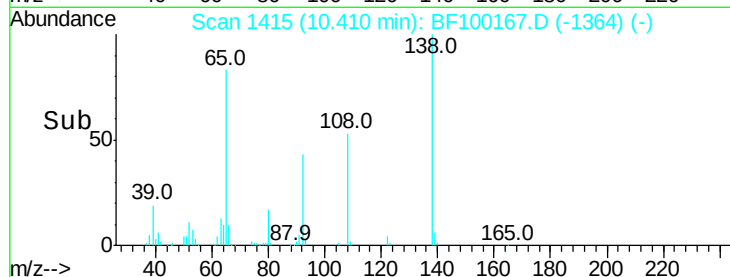
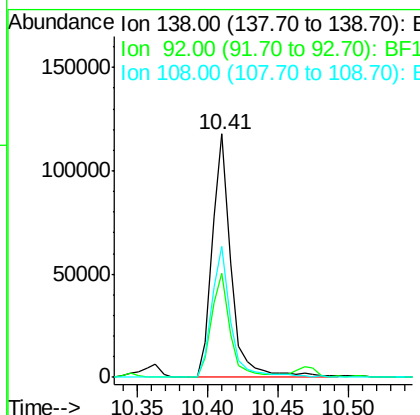
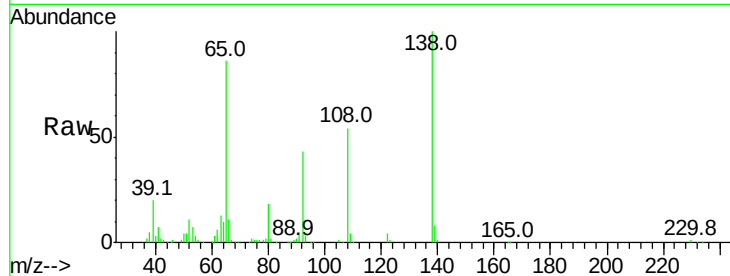
#61
4-Nitroaniline
Concen: 35.919 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.7	30.2	70.2
108	54.1	52.5	92.5

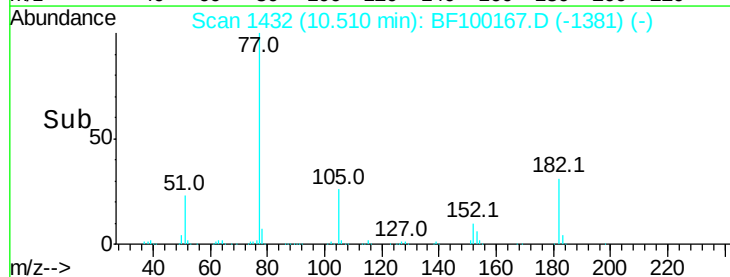
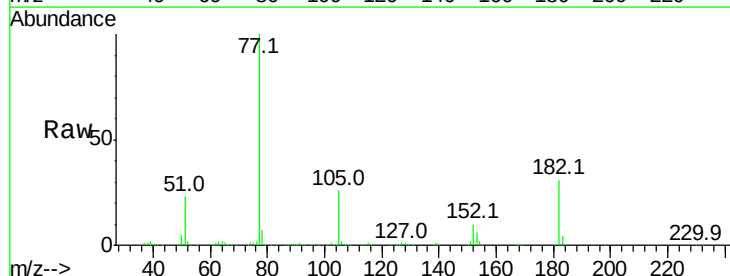
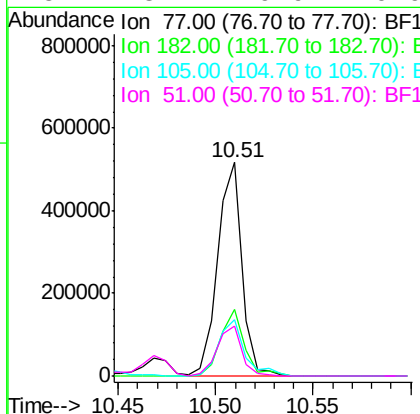
Manual Integrations
APPROVED

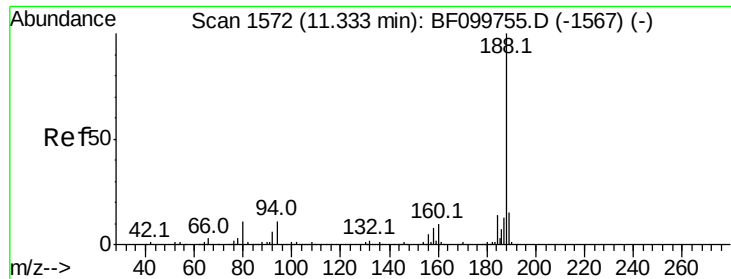
Sohil
11/4/2017 2:19:53 PM



#62
Azobenzene
Concen: 41.775 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.1	1.7	41.7
105	26.3	3.0	43.0
51	23.2	9.9	49.9





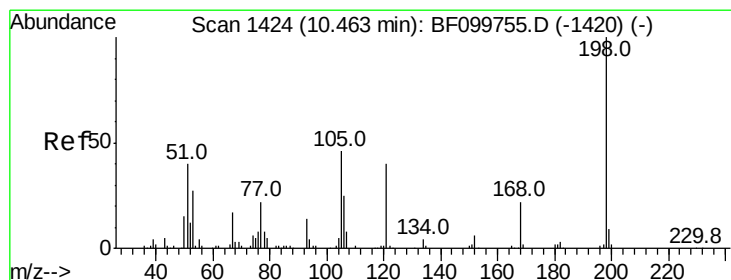
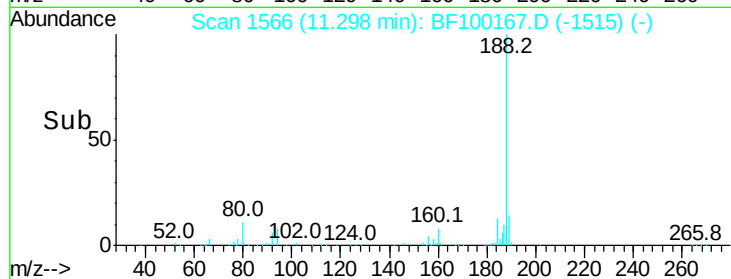
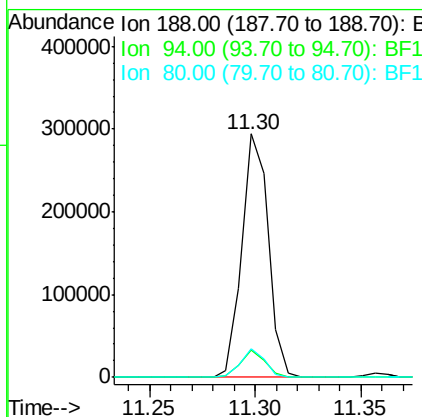
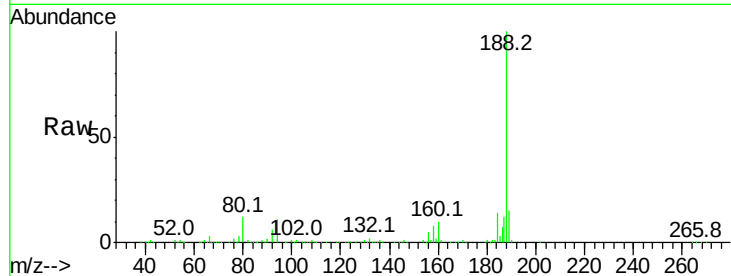
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	255042		
94	11.0		8.5	12.7
80	11.6		9.2	13.8

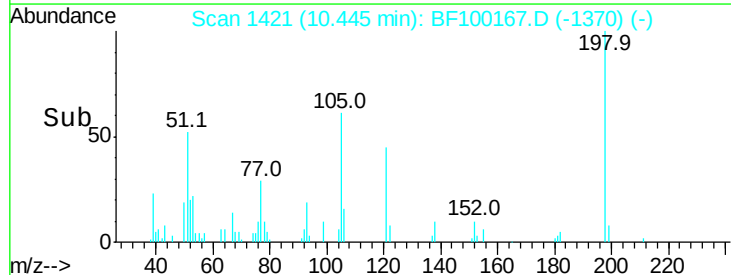
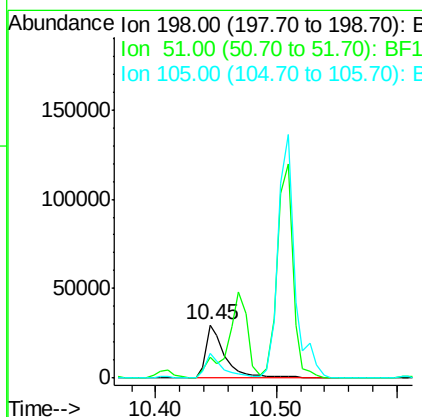
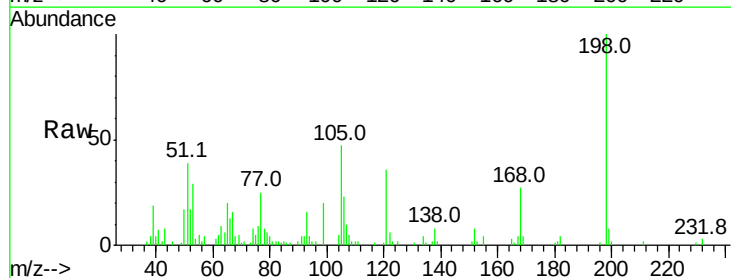
Manual Integrations
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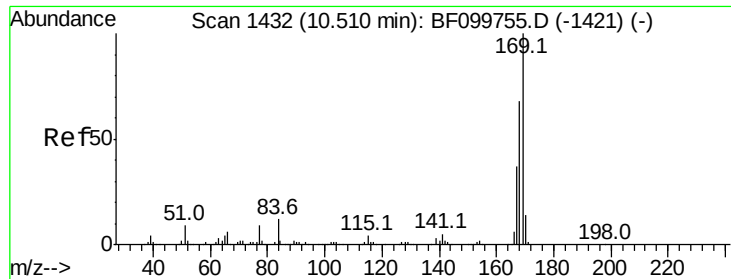
Sohil
11/4/2017 2:19:53 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 20.727 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	33229		
51	39.3		37.7	77.7
105	46.6		36.3	76.3





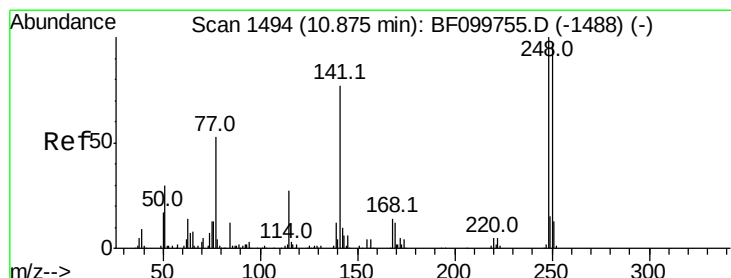
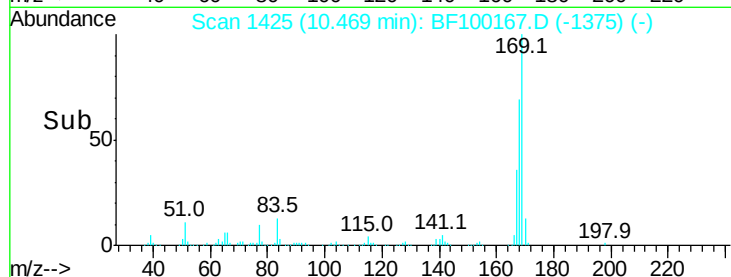
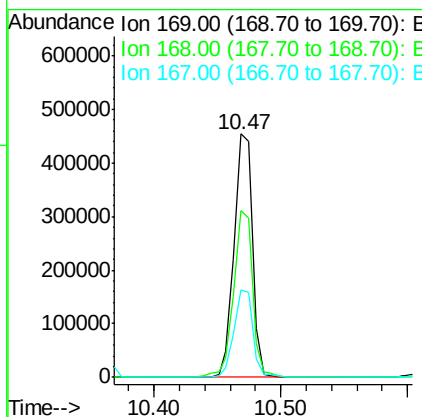
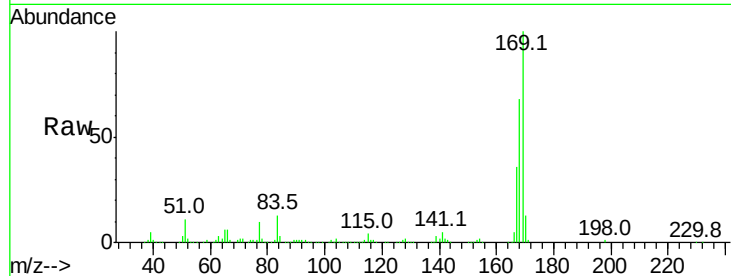
#65
n-Nitrosodiphenylamine
Concen: 47.816 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	450177		
168	68.4	54.4	81.6	
167	35.8	29.8	44.6	

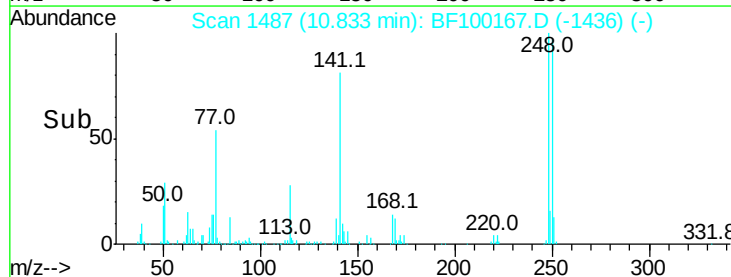
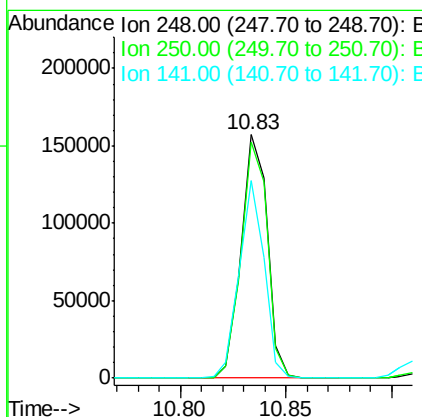
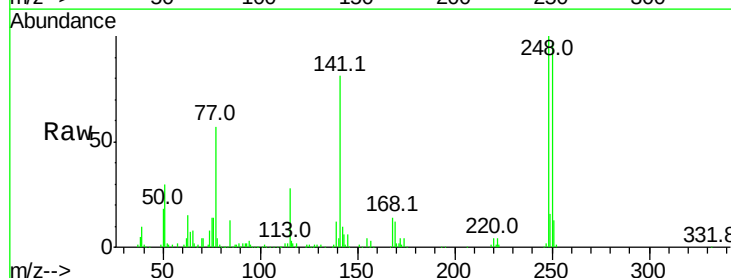
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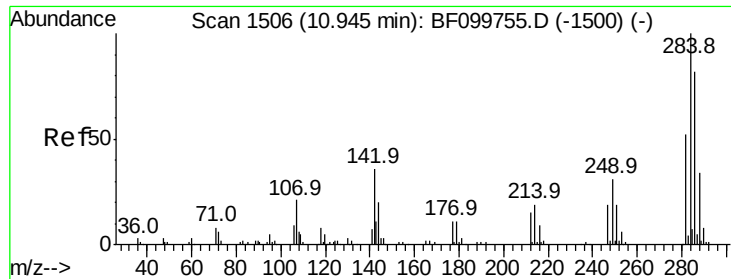
Sohil
11/4/2017 2:19:53 PM



#66
4-Bromophenyl-phenylether
Concen: 50.268 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	134968		
250	96.8	76.9	115.3	
141	81.0	74.4	111.6	





#67

Hexachlorobenzene

Concen: 46.546 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Instrument :

BNA_F

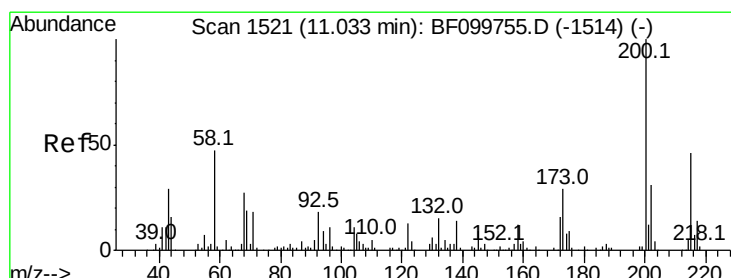
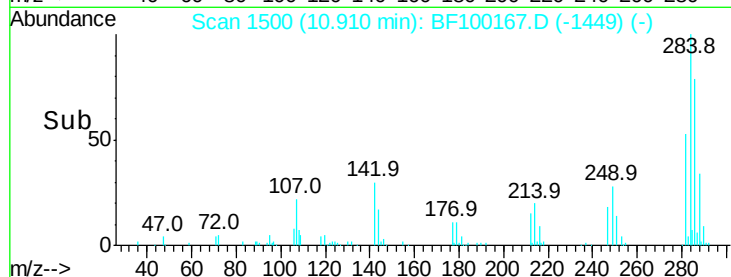
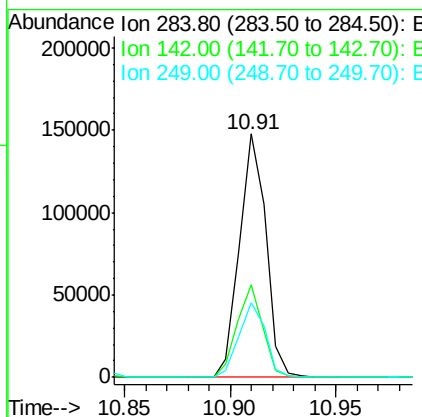
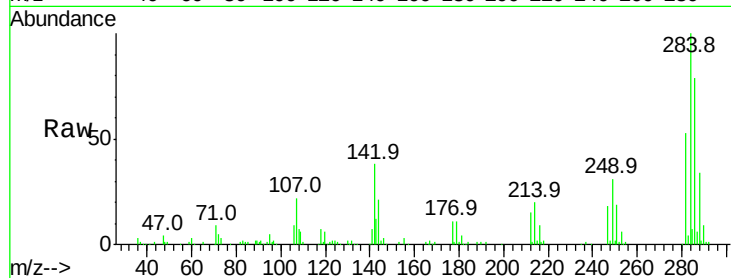
ClientSampleId :

RLF-GW-9SMS

Tot Ion:	284	Resp:	127856
Ion Ratio	Lower	Upper	
284	100		
142	38.0	34.6	52.0
249	30.7	24.8	37.2

Manual Integrations
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Sohil
11/4/2017 2:19:53 PM



#68

Atrazine

Concen: 49.010 ng

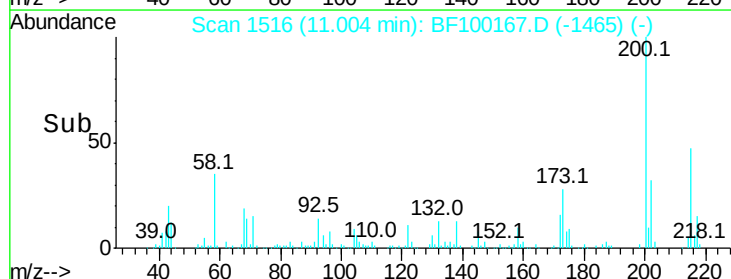
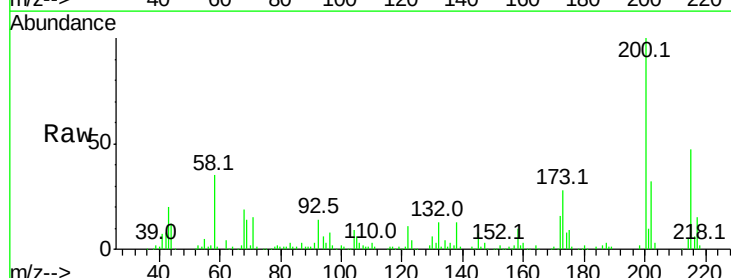
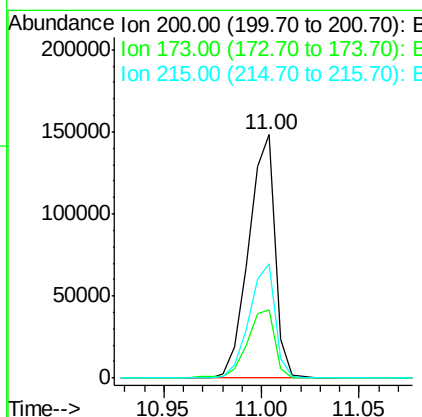
RT: 11.00 min Scan# 1516

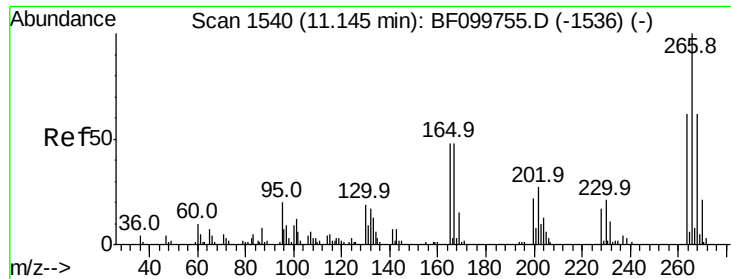
Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Tgt Ion:	200	Resp:	138602
Ion Ratio	Lower	Upper	
200	100		
173	28.0	8.6	48.6
215	46.9	25.1	65.1





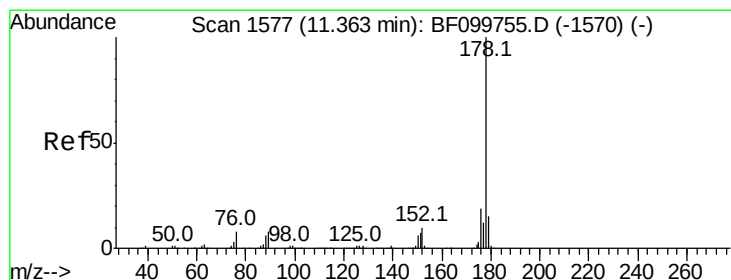
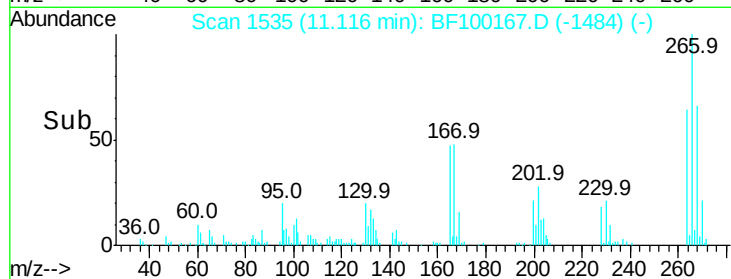
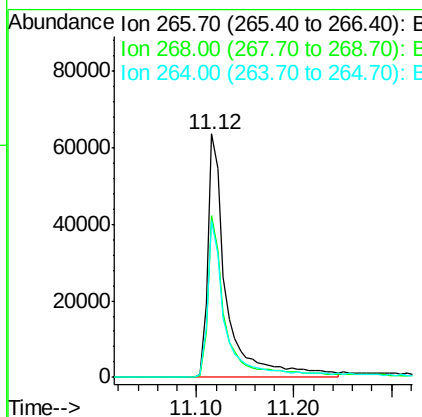
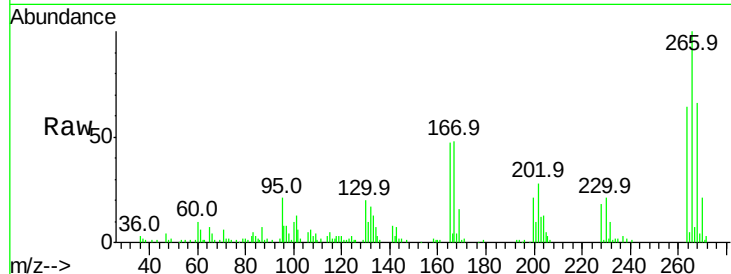
#69
 Pentachlorophenol
 Concen: 72.330 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion:	266	Resp:	84897
Ion Ratio	Lower	Upper	
266	100		
268	66.5	51.1	76.7
264	64.1	49.5	74.3

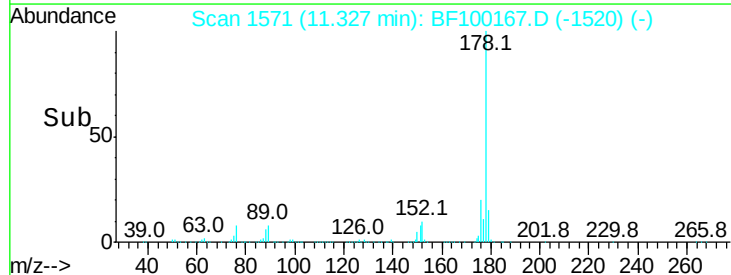
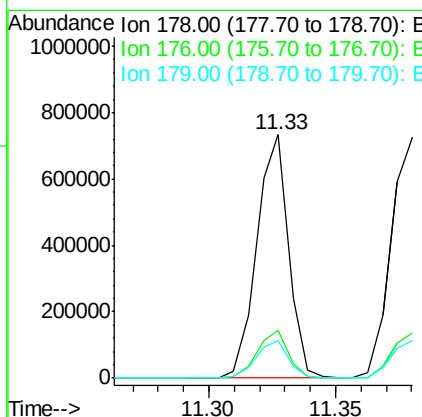
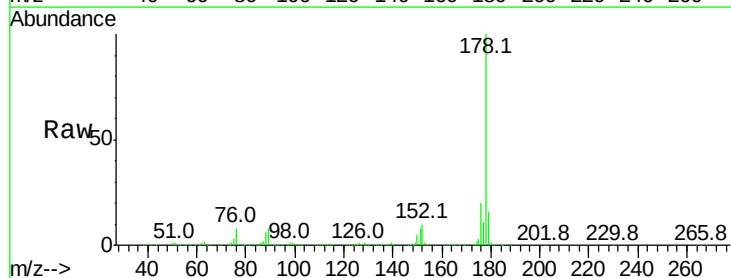
Manual Integrations
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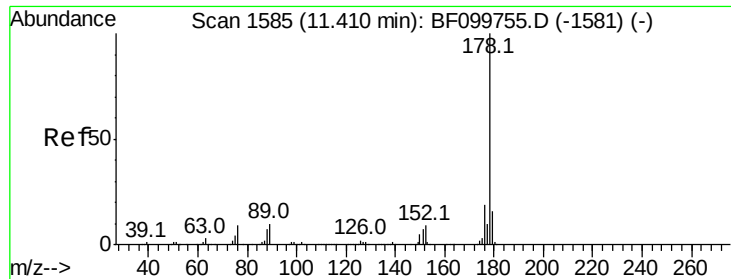
Sohil
 11/4/2017 2:19:53 PM



#70
 Phenanthrene
 Concen: 44.526 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Tgt Ion:	178	Resp:	640868
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6





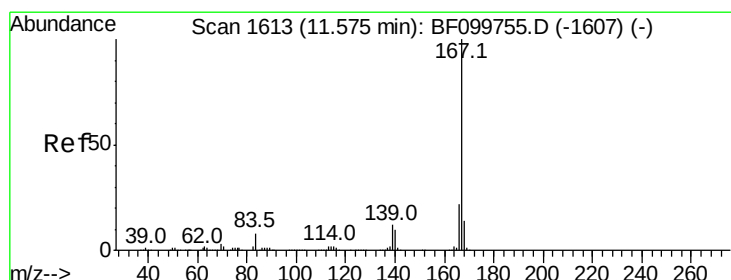
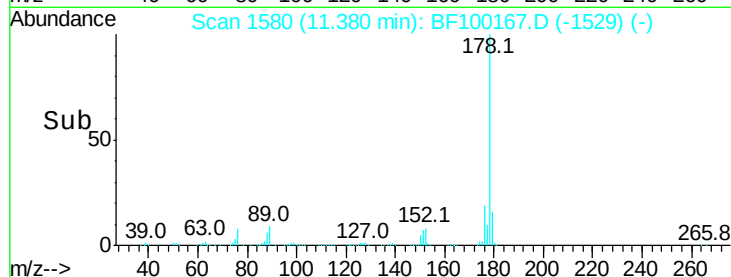
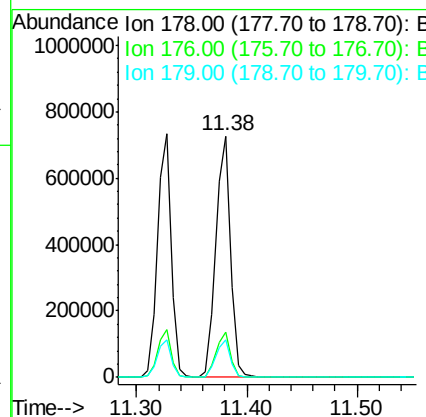
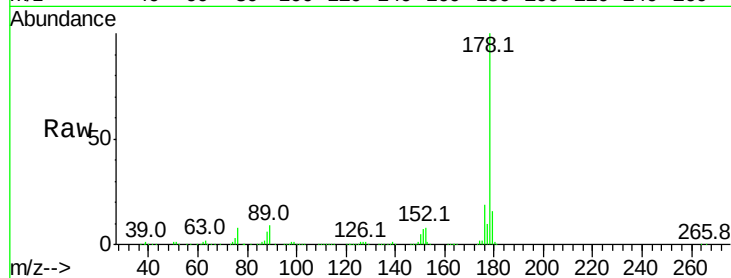
#71
 Anthracene
 Concen: 44.919 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.7	12.6	19.0

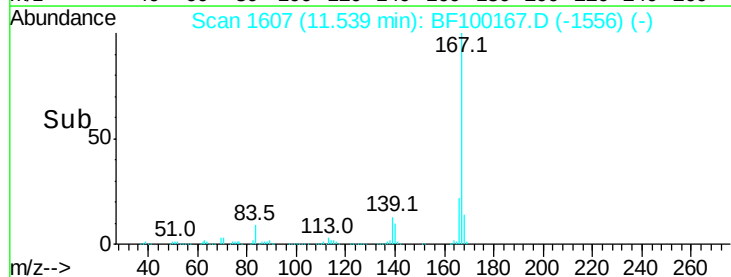
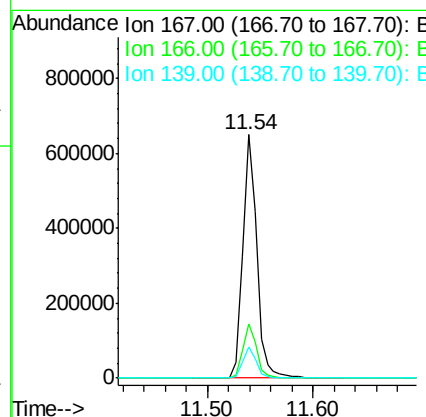
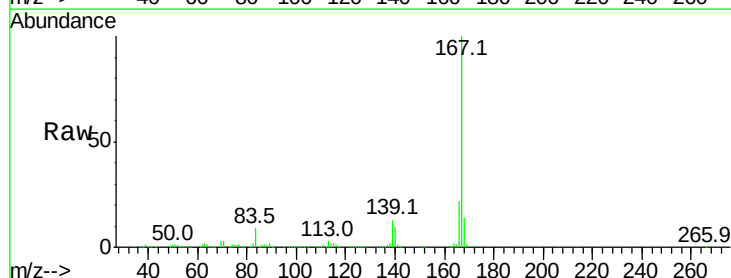
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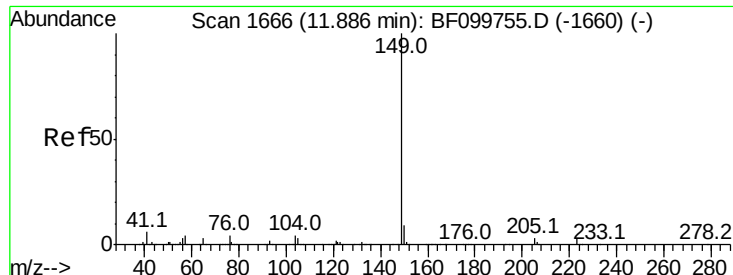
Sohil
 11/4/2017 2:19:53 PM



#72
 Carbazole
 Concen: 42.481 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.192 ng

RT: 11.85 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9SMS

Tot Ion:149 Resp: 791938

Ion Ratio Lower Upper

149 100

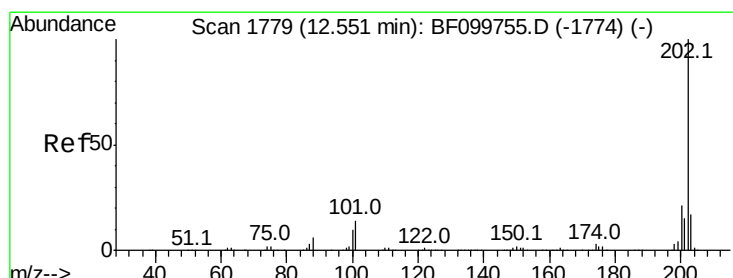
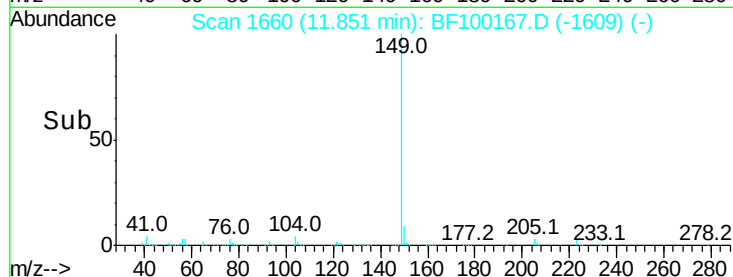
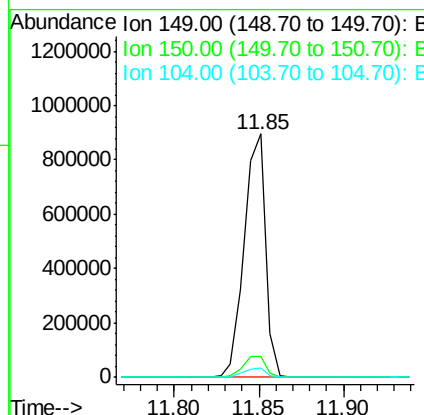
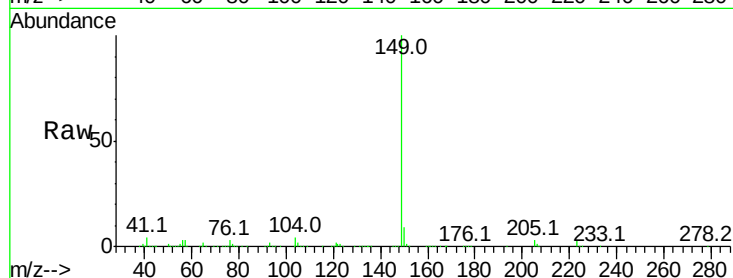
150 8.8 7.8 11.6

104 3.6 3.8 5.8#

Manual Integrations
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Sohil

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#74

Fluoranthene

Concen: 37.036 ng

RT: 12.52 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

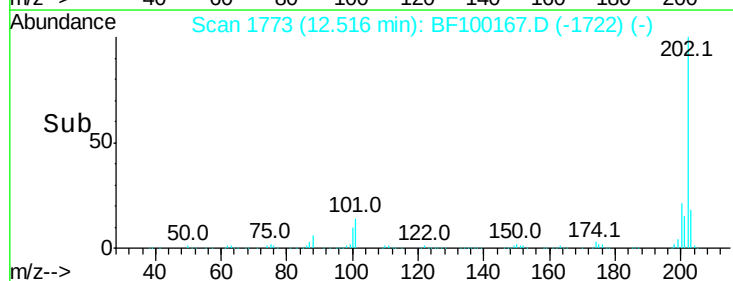
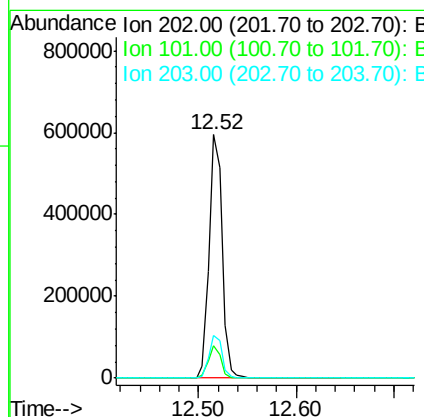
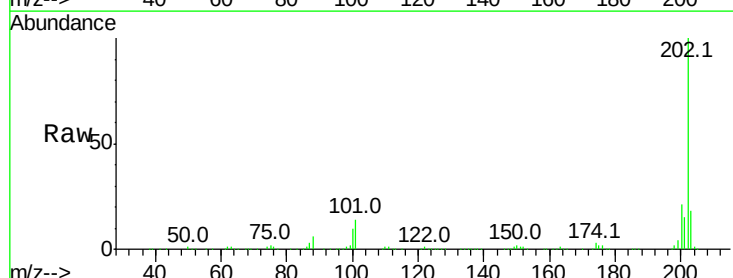
Tgt Ion:202 Resp: 553979

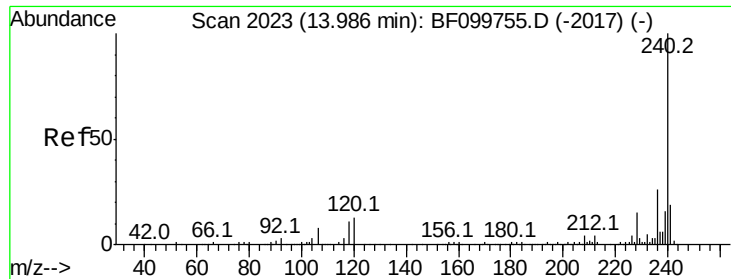
Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

203 17.5 0.0 38.1





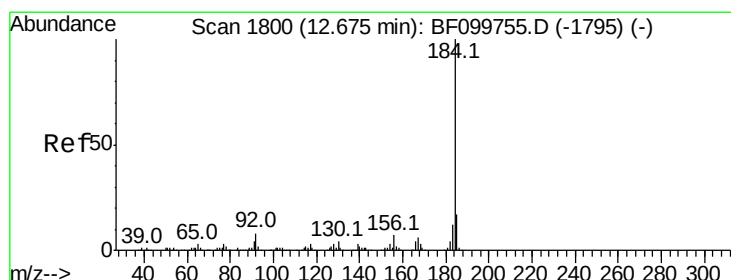
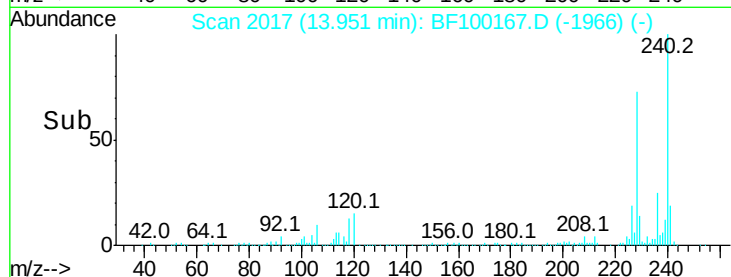
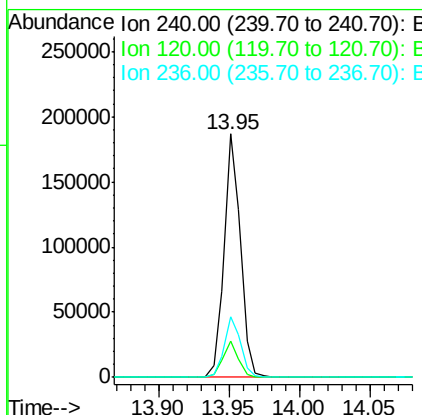
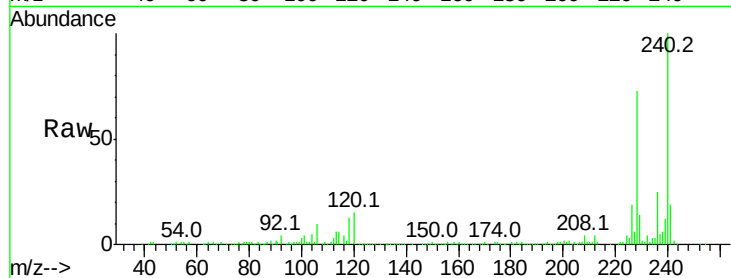
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.7	9.5	14.3	
236	25.1	20.7	31.1	

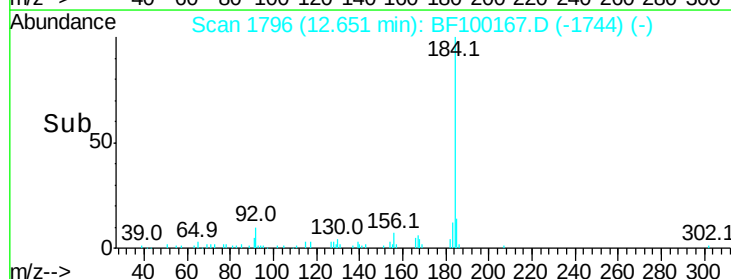
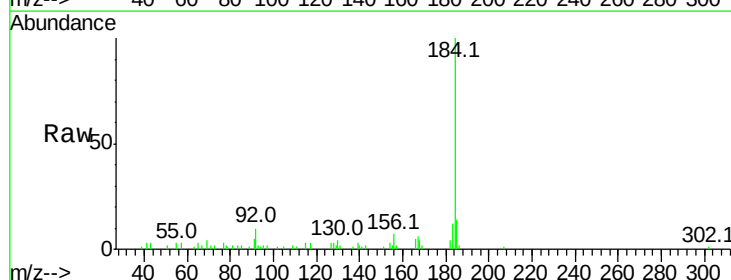
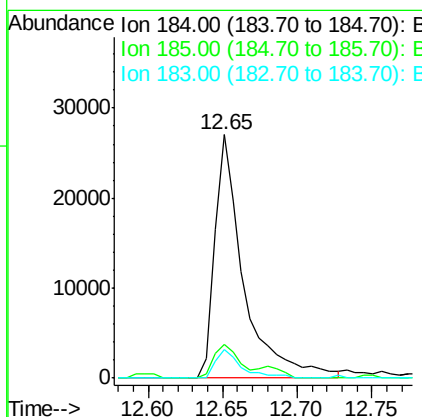
Manual Integrations
APPROVED

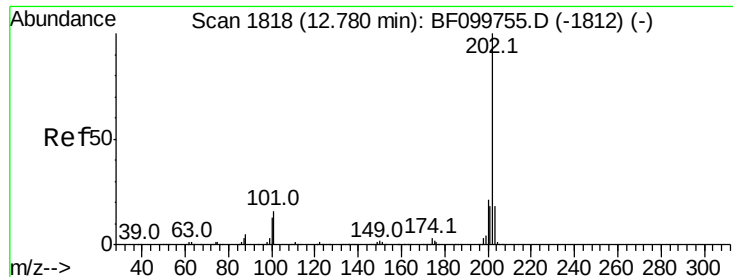
Sohil
11/4/2017 2:19:53 PM



#76
Benzidine
Concen: 5.527 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.01 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.6	12.6	18.8	
183	11.8	9.3	13.9	





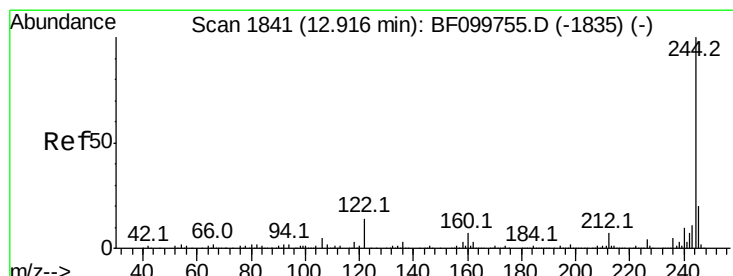
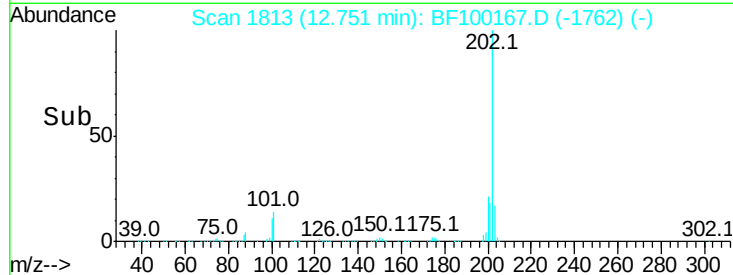
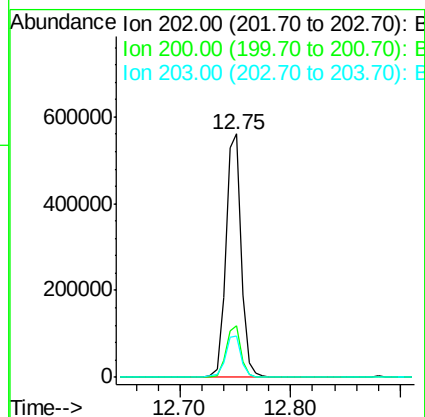
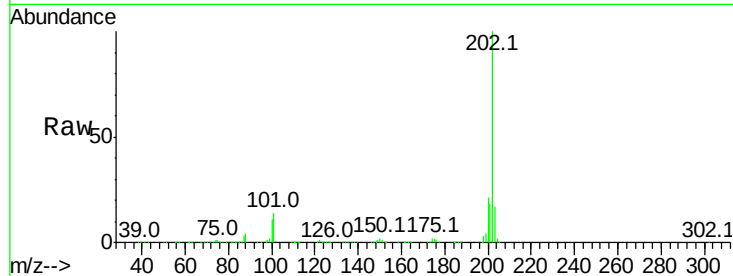
#77
Pvrene
Concen: 47.425 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	17.4	26.2	
203	17.1	14.3	21.5	

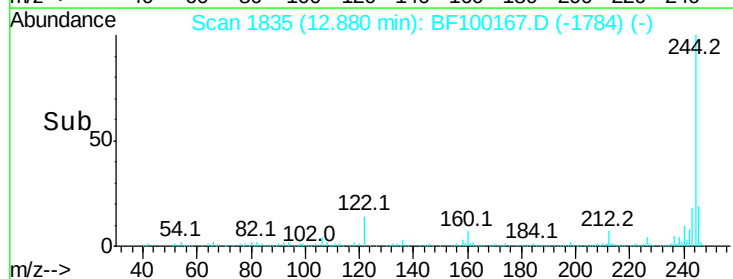
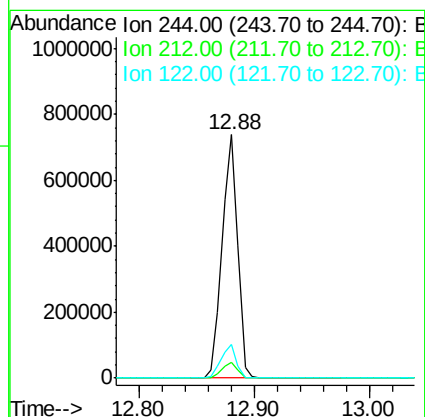
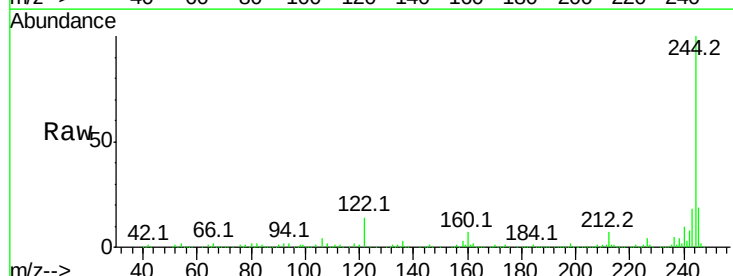
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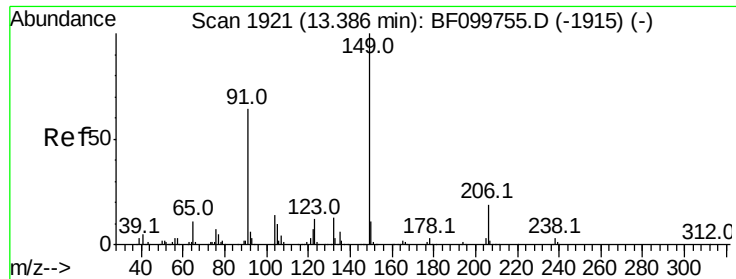
Sohil
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#78
Terphenyl-d14
Concen: 100.113 ng
RT: 12.88 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	5.4	8.0	
122	13.6	11.0	16.4	





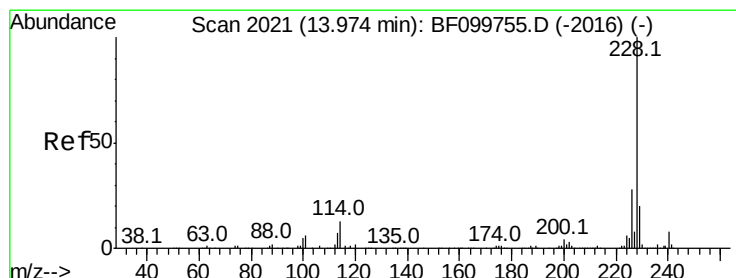
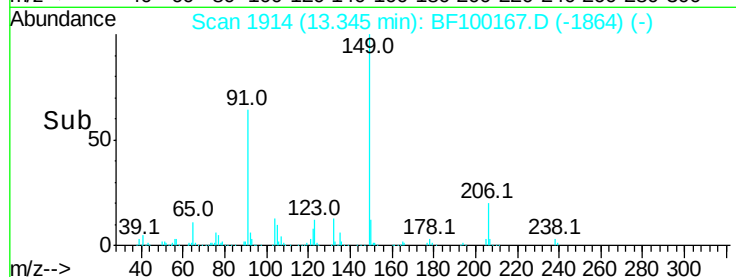
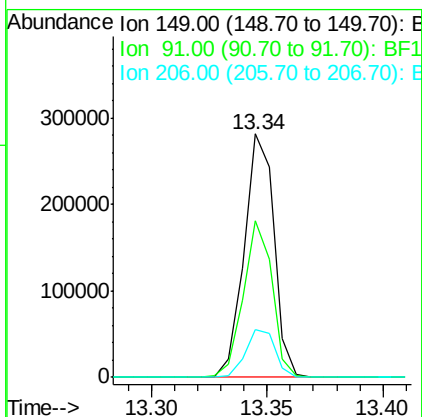
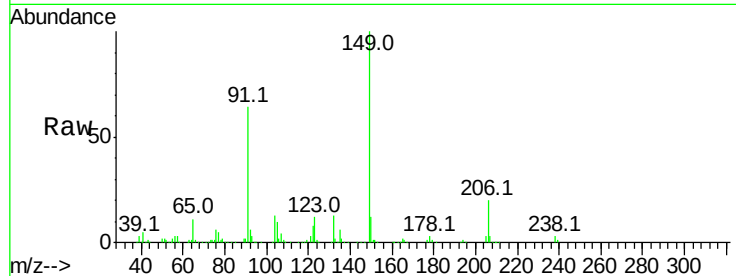
#79
Butylbenzylphthalate
Concen: 45.185 ng
RT: 13.34 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	64.2	56.8	85.2
206	19.5	14.1	21.1

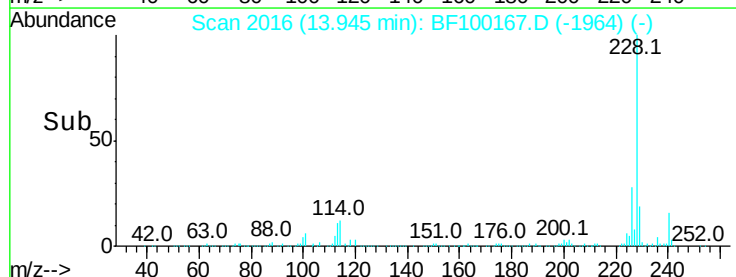
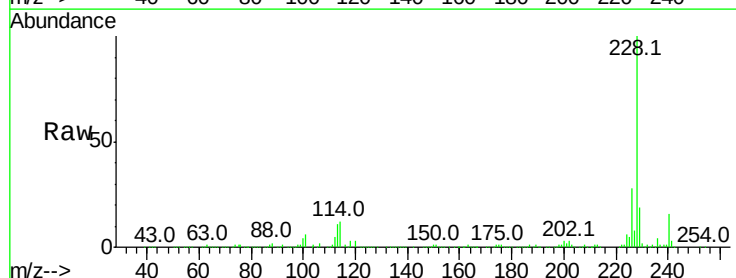
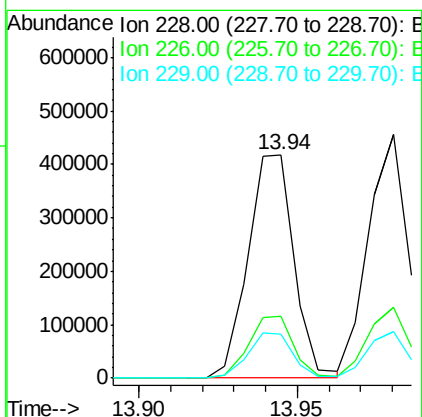
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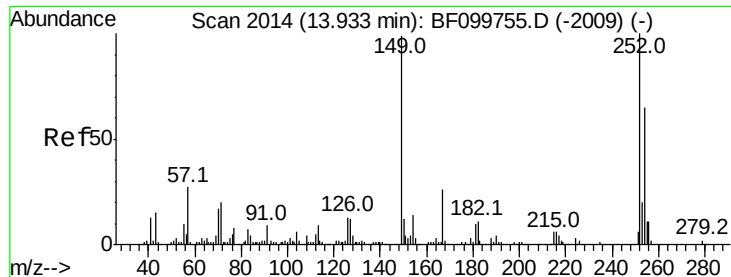
Sohil
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#80
Benzo(a)anthracene
Concen: 44.147 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

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





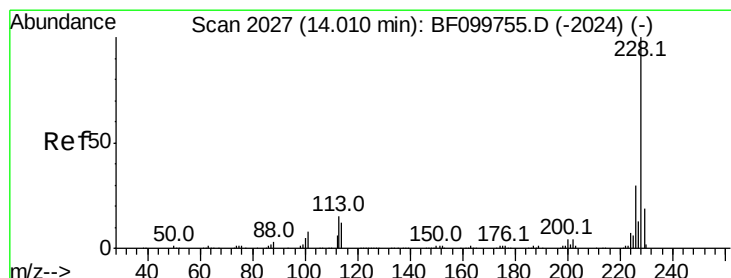
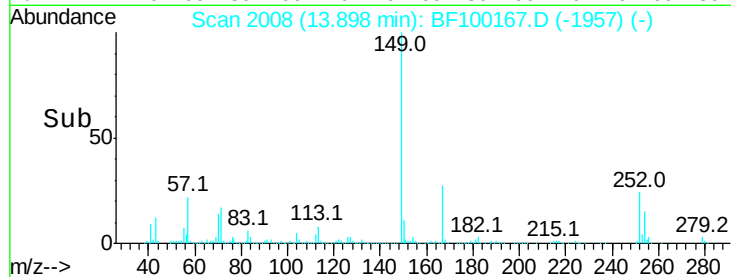
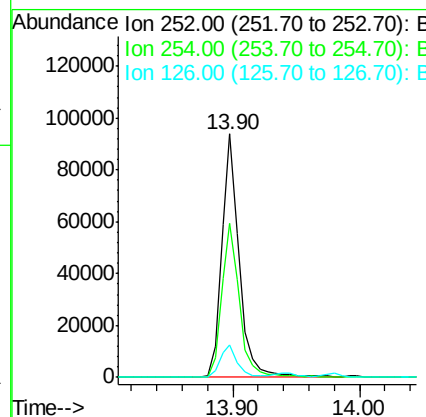
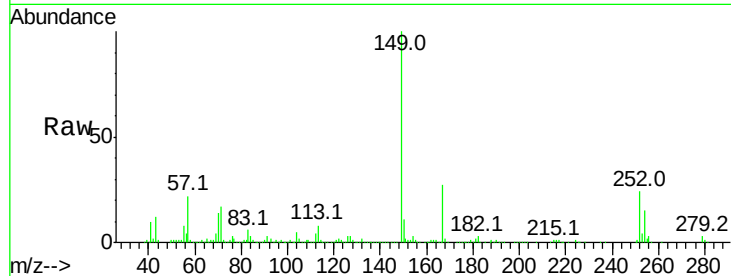
#81
3,3'-Dichlorobenzidine
Concen: 26.348 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	13.5	11.3	16.9

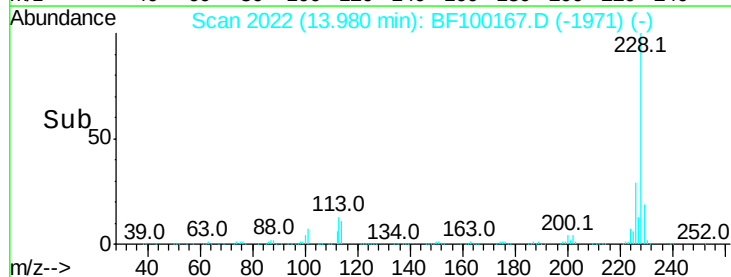
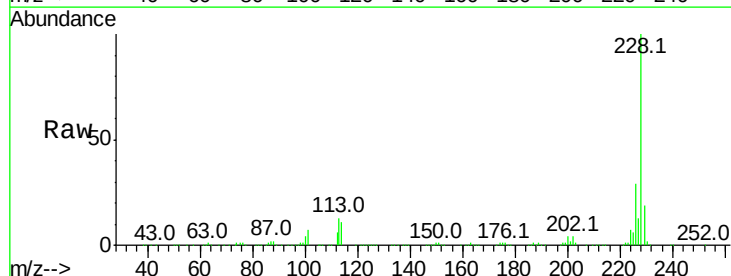
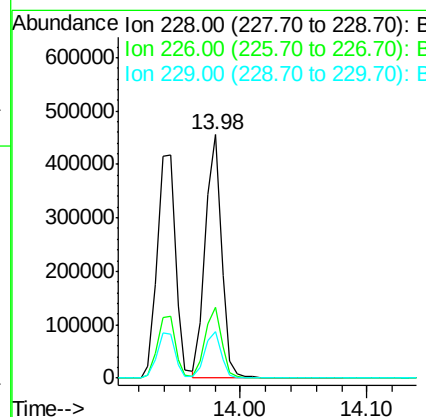
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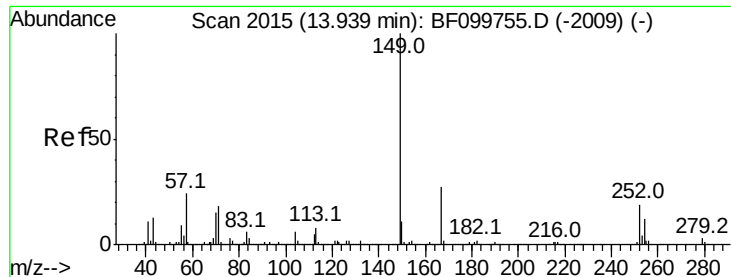
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#82
Chrysene
Concen: 45.136 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	19.3	16.2	24.4





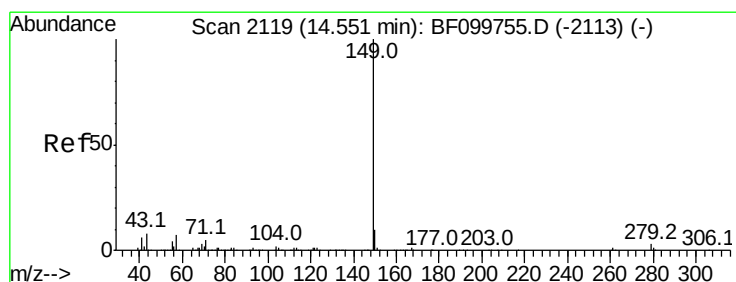
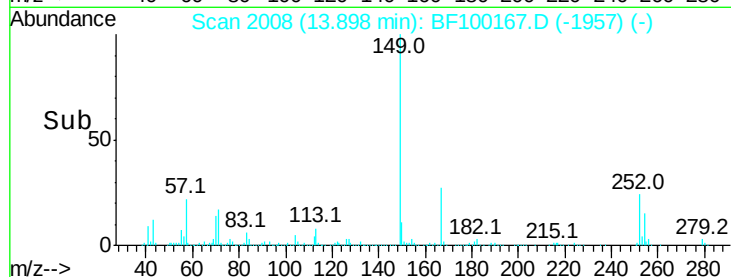
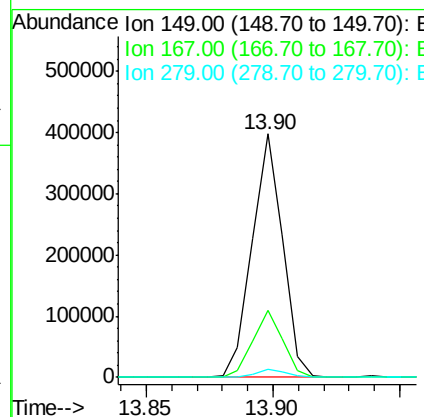
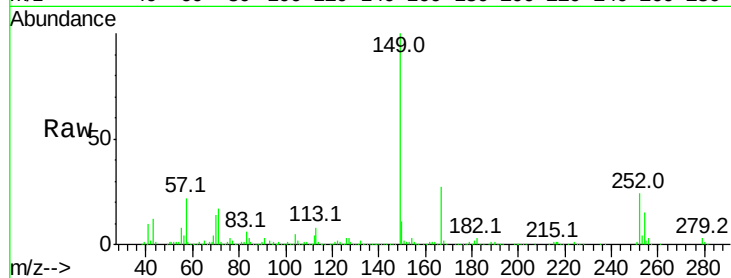
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.219 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.5	21.3	31.9	
279	3.1	3.0	4.4	

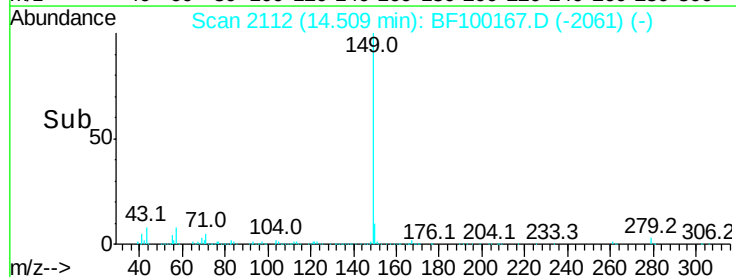
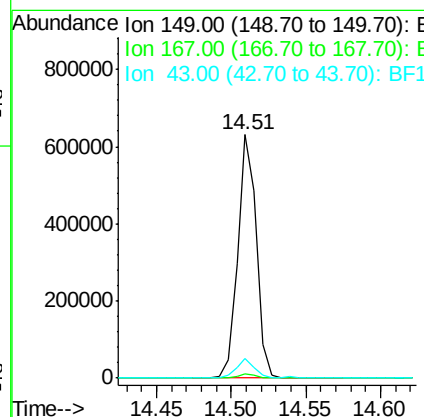
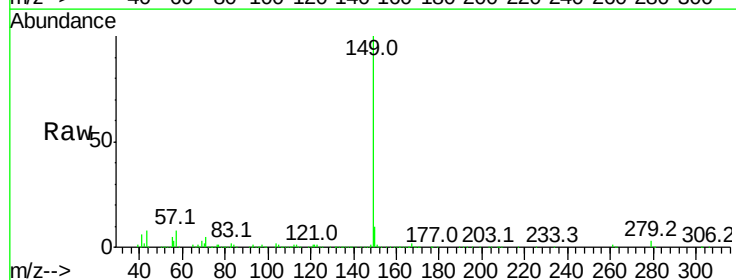
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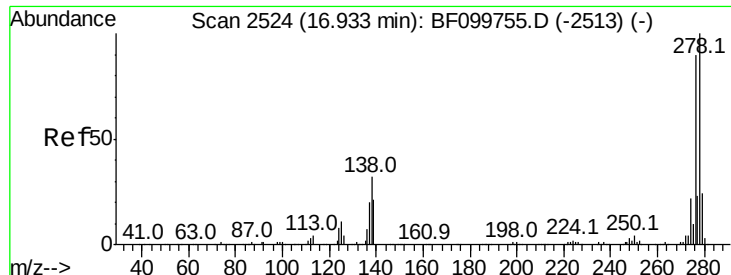
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#84
 Di-n-octyl phthalate
 Concen: 40.569 ng
 RT: 14.51 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

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





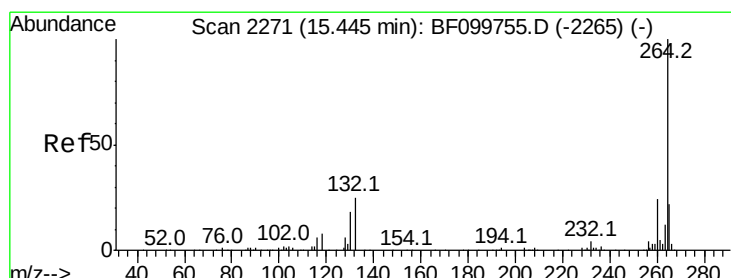
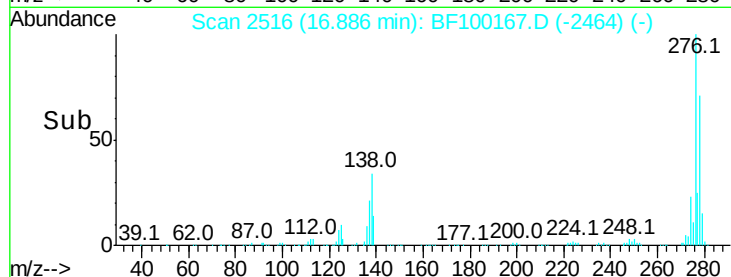
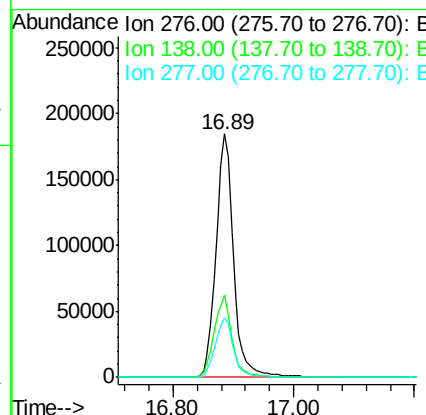
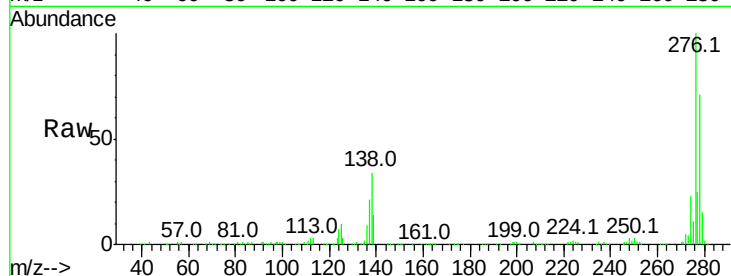
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.123 ng
 RT: 16.89 min Scan# 2516
 Delta R.T. 0.01 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	25.0	37.6
277	25.2	20.1	30.1

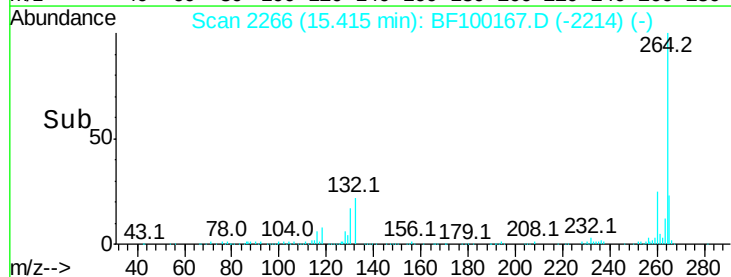
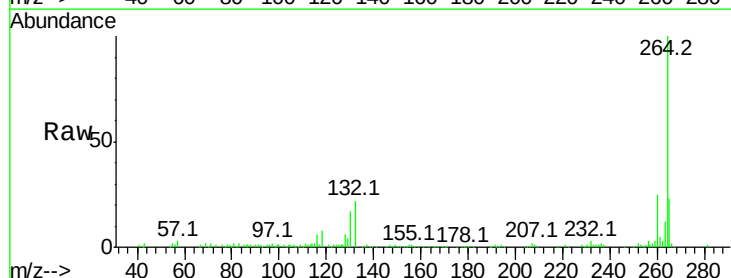
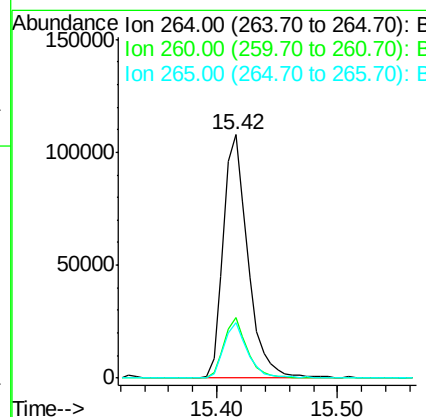
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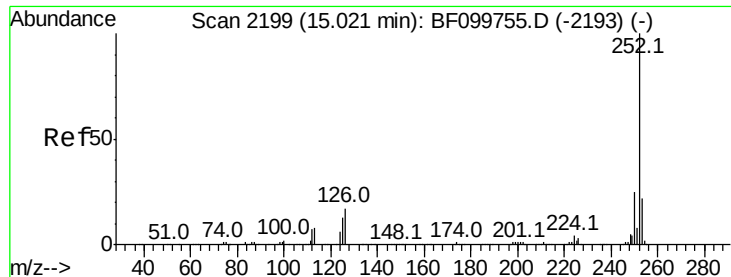
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.522 ng

RT: 14.99 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Instrument :

BNA_F

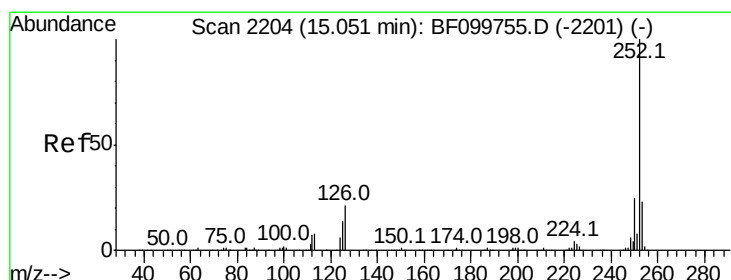
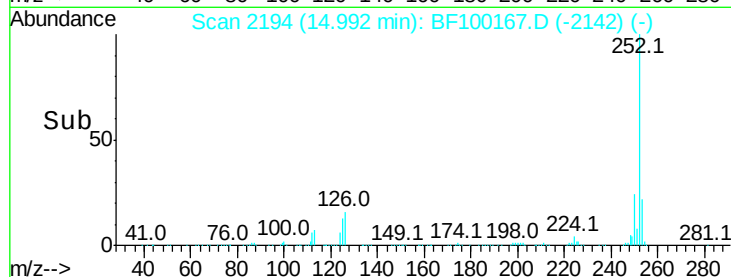
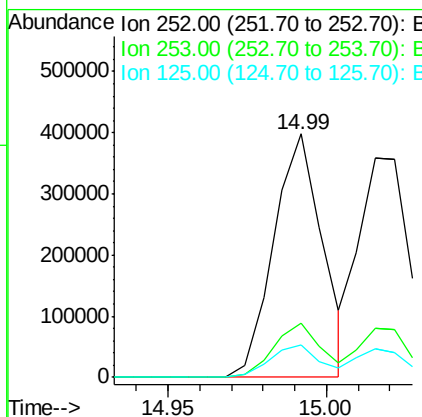
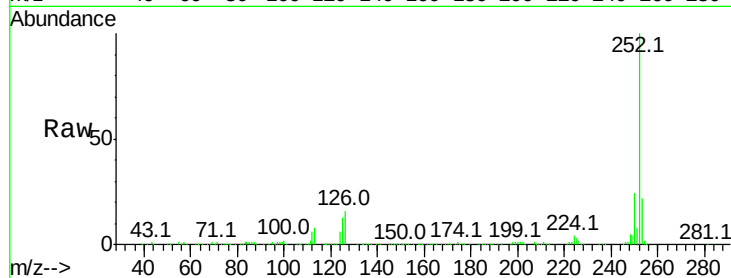
ClientSampleId :

RLF-GW-9SMS

Tot Ion:	252	Resp:	427247
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.6
125	13.2	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 46.171 ng

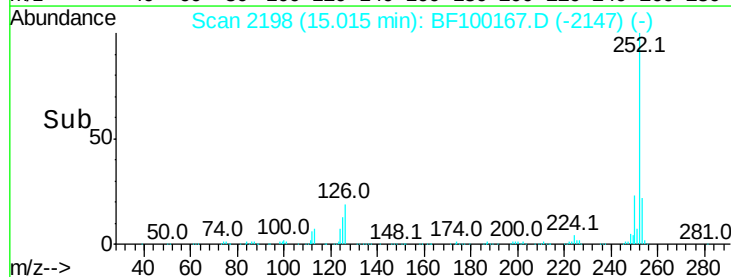
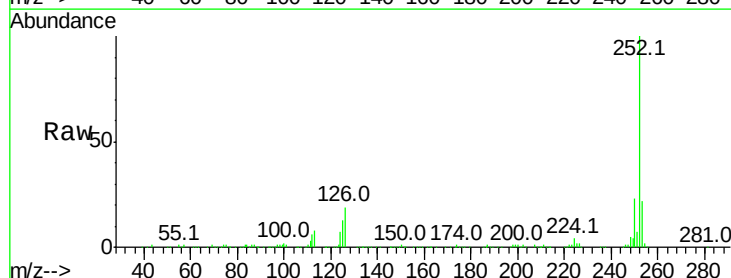
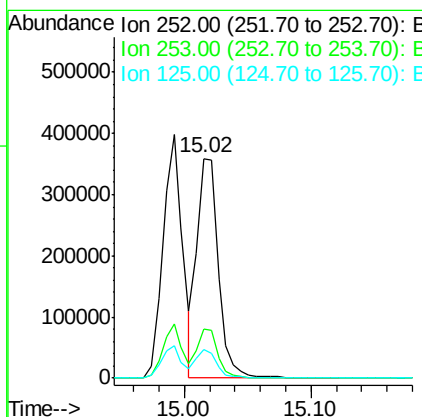
RT: 15.02 min Scan# 2198

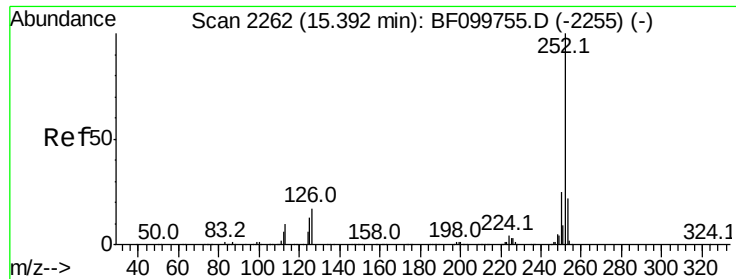
Delta R.T. 0.00 min

Lab File: BF100167.D

Acq: 4 Nov 2017 7:07

Tgt Ion:	252	Resp:	417795
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	13.1	10.2	15.2





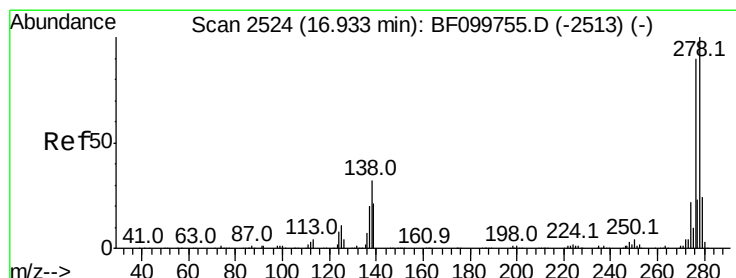
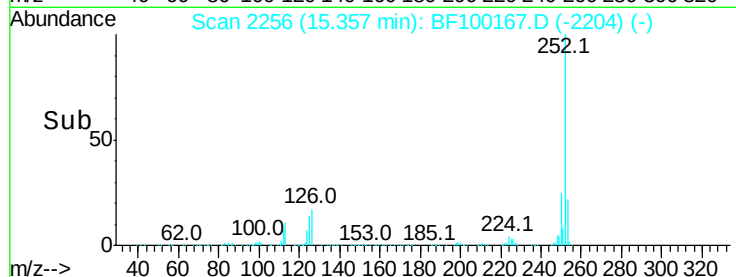
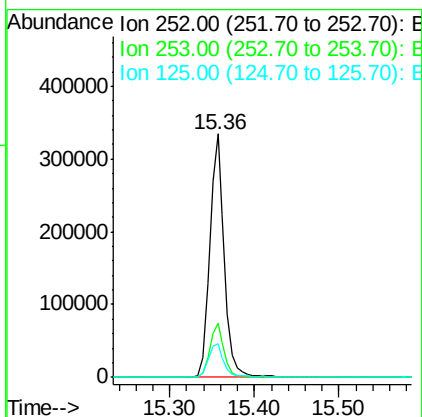
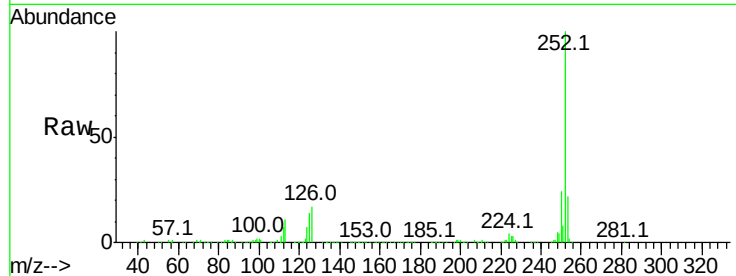
#89
Benzo(a)pyrene
Concen: 47.096 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	13.7	9.8	14.6

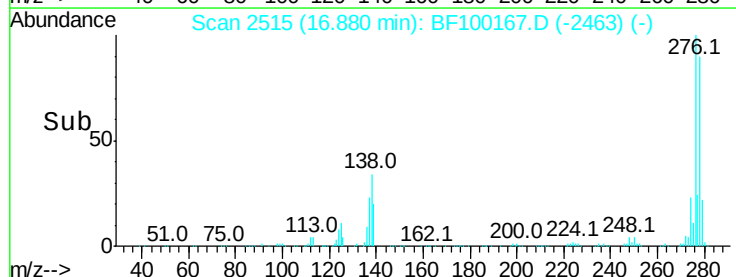
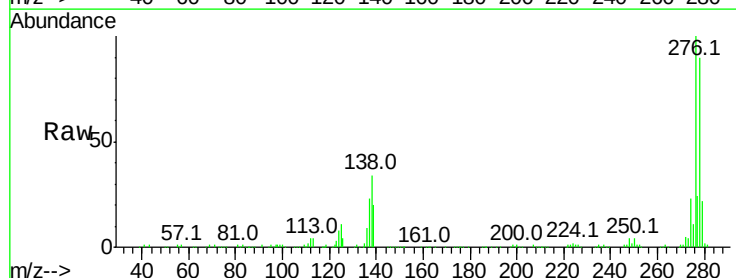
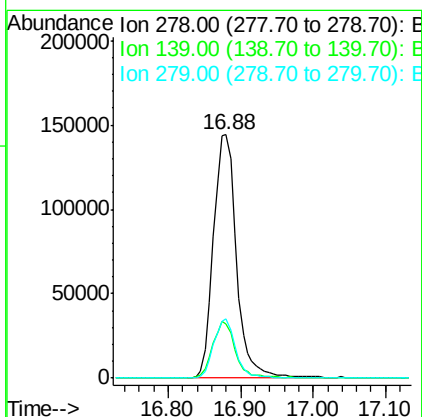
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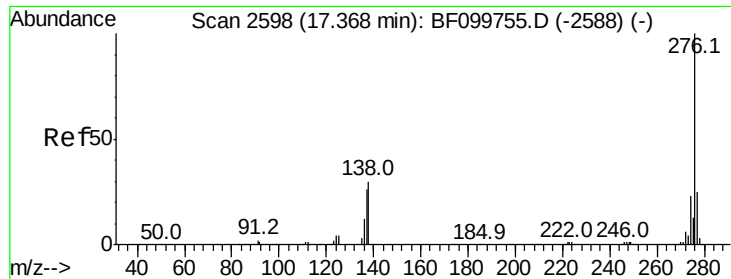
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#90
Dibenzo(a,h)anthracene
Concen: 41.897 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF100167.D
Acq: 4 Nov 2017 7:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	15.9	23.9
279	24.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.323 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. 0.01 min
 Lab File: BF100167.D
 Acq: 4 Nov 2017 7:07

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9SMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	28.8	21.8	32.8

Manual Integrations
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