

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100162.D
 Acq On : 4 Nov 2017 4:54
 Operator : SJ/JU
 Sample : I6160-09MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:19:15 PM

Quant Time: Nov 04 05:51:13 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	93075	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	385064	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	173325	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	279603	20.00	ng	0.00
75) Chrysene-d12	13.95	240	155512	20.00	ng	0.00
86) Perylene-d12	15.41	264	162660	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	301527	50.86	ng	0.00
7) Phenol-d6	6.42	99	219939	31.29	ng	0.00
23) Nitrobenzene-d5	7.35	82	455455	76.15	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	159636	101.06	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	896896	79.84	ng	0.00
78) Terphenyl-d14	12.88	244	662363	93.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	39906	15.243	ng	# 86
3) Pyridine	3.33	79	68413	10.867	ng	# 81
4) n-Nitrosodimethylamine	3.26	42	26243	11.668	ng	# 75
6) Aniline	6.44	93	195158	21.412	ng	93
8) 2-Chlorophenol	6.56	128	220240	34.856	ng	90
9) Benzaldehyde	6.33	77	121962	29.035	ng	87
10) Phenol	6.44	94	96699	12.529	ng	# 1
11) bis(2-Chloroethyl)ether	6.51	93	241672	40.549	ng	91
12) 1,3-Dichlorobenzene	6.71	146	271267m	38.236	ng	
13) 1,4-Dichlorobenzene	6.79	146	283337	39.350	ng	97
14) 1,2-Dichlorobenzene	6.94	146	255186	38.887	ng	95
15) Benzyl Alcohol	6.93	79	117744	26.338	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	310836	46.950	ng	55
17) 2-Methylphenol	7.05	107	141123	26.701	ng	# 83
18) Hexachloroethane	7.27	117	85959	35.783	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	171207	41.561	ng	# 85
20) 3+4-Methylphenols	7.20	107	168035	27.305	ng	# 78
22) Acetophenone	7.19	105	361128	41.189	ng	# 91
24) Nitrobenzene	7.36	77	254773	42.276	ng	93
25) Isophorone	7.60	82	485290	44.714	ng	96
26) 2-Nitrophenol	7.68	139	147133	42.627	ng	# 80
27) 2,4-Dimethylphenol	7.72	122	196568	38.651	ng	94
28) bis(2-Chloroethoxy)methane	7.80	93	320129	42.117	ng	100
29) 2,4-Dichlorophenol	7.93	162	220718	41.778	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	223121	39.526	ng	98
31) Naphthalene	8.07	128	748499	40.269	ng	99
32) Benzoic acid	7.85	122	32520	7.265	ng	90
33) 4-Chloroaniline	8.14	127	203747	26.546	ng	# 93
34) Hexachlorobutadiene	8.18	225	108530	37.379	ng	97
35) Caprolactam	8.53	113	9800	5.899	ng	# 81
36) 4-Chloro-3-methylphenol	8.62	107	196303	36.404	ng	94
37) 2-Methylnaphthalene	8.76	142	519014	41.667	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	217840	38.914	ng	# 98
40) Hexachlorocyclopentadiene	8.90	237	17634	26.943	ng	94

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100162.D
 Acq On : 4 Nov 2017 4:54
 Operator : SJ/JU
 Sample : I6160-09MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:19:15 PM

Quant Time: Nov 04 05:51:13 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)
42) 2,4,6-Trichlorophenol	9.06	196	139575	41.220	ng	100
43) 2,4,5-Trichlorophenol	9.11	196	138260	38.477	ng	# 90
45) 1,1'-Biphenyl	9.23	154	616643	39.327	ng	99
46) 2-Chloronaphthalene	9.26	162	477248	41.911	ng	96
47) 2-Nitroaniline	9.37	65	123745	41.405	ng	88
48) Acenaphthylene	9.67	152	703622	40.118	ng	100
49) Dimethylphthalate	9.53	163	545658	39.754	ng	100
50) 2,6-Dinitrotoluene	9.61	165	125524	43.502	ng	# 91
51) Acenaphthene	9.85	154	422886	39.461	ng	98
52) 3-Nitroaniline	9.79	138	99029	29.126	ng	89
53) 2,4-Dinitrophenol	9.92	184	53372	49.235	ng	# 79
54) Dibenzofuran	10.02	168	640599	42.348	ng	97
55) 4-Nitrophenol	10.02	139	259732	146.206	ng	# 11
56) 2,4-Dinitrotoluene	10.03	165	161741	46.544	ng	# 78
57) Fluorene	10.36	166	500453	39.957	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	105030	41.689	ng	# 88
59) Diethylphthalate	10.23	149	535652	39.962	ng	97
60) 4-Chlorophenyl-phenylether	10.35	204	235167	39.896	ng	93
61) 4-Nitroaniline	10.41	138	113345	34.942	ng	82
62) Azobenzene	10.51	77	454449	40.445	ng	86
64) 4,6-Dinitro-2-methylphenol	10.45	198	42403	24.126	ng	# 74
65) n-Nitrosodiphenylamine	10.47	169	436295	42.271	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	136942	46.523	ng	93
67) Hexachlorobenzene	10.91	284	130837	43.447	ng	94
68) Atrazine	11.00	200	141062	45.498	ng	98
69) Pentachlorophenol	11.12	266	79955	62.136	ng	98
70) Phenanthrene	11.33	178	671936	42.583	ng	98
71) Anthracene	11.38	178	690534	43.113	ng	98
72) Carbazole	11.54	167	621141	41.239	ng	99
73) Di-n-butylphthalate	11.84	149	812319	42.283	ng	99
74) Fluoranthene	12.52	202	594234	36.237	ng	98
76) Benzidine	12.64	184	117374	17.249	ng	97
77) Pyrene	12.74	202	584421	49.422	ng	99
79) Butylbenzylphthalate	13.34	149	279825	48.055	ng	92
80) Benzo(a)anthracene	13.94	228	417043	42.303	ng	99
81) 3,3'-Dichlorobenzidine	13.90	252	120250	33.603	ng	96
82) Chrysene	13.98	228	410111	44.249	ng	97
83) Bis(2-ethylhexyl)phthalate	13.90	149	357267	43.690	ng	99
84) Di-n-octyl phthalate	14.51	149	568023	40.471	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.89	276	400139	47.029	ng	97
87) Benzo(b)fluoranthene	14.99	252	430573	41.920	ng	99
88) Benzo(k)fluoranthene	15.02	252	396744	40.963	ng	98
89) Benzo(a)pyrene	15.36	252	404242	43.814	ng	100
90) Dibenzo(a,h)anthracene	16.87	278	345700	42.167	ng	97
91) Benzo(g,h,i)perylene	17.33	276	326582	40.717	ng	98

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

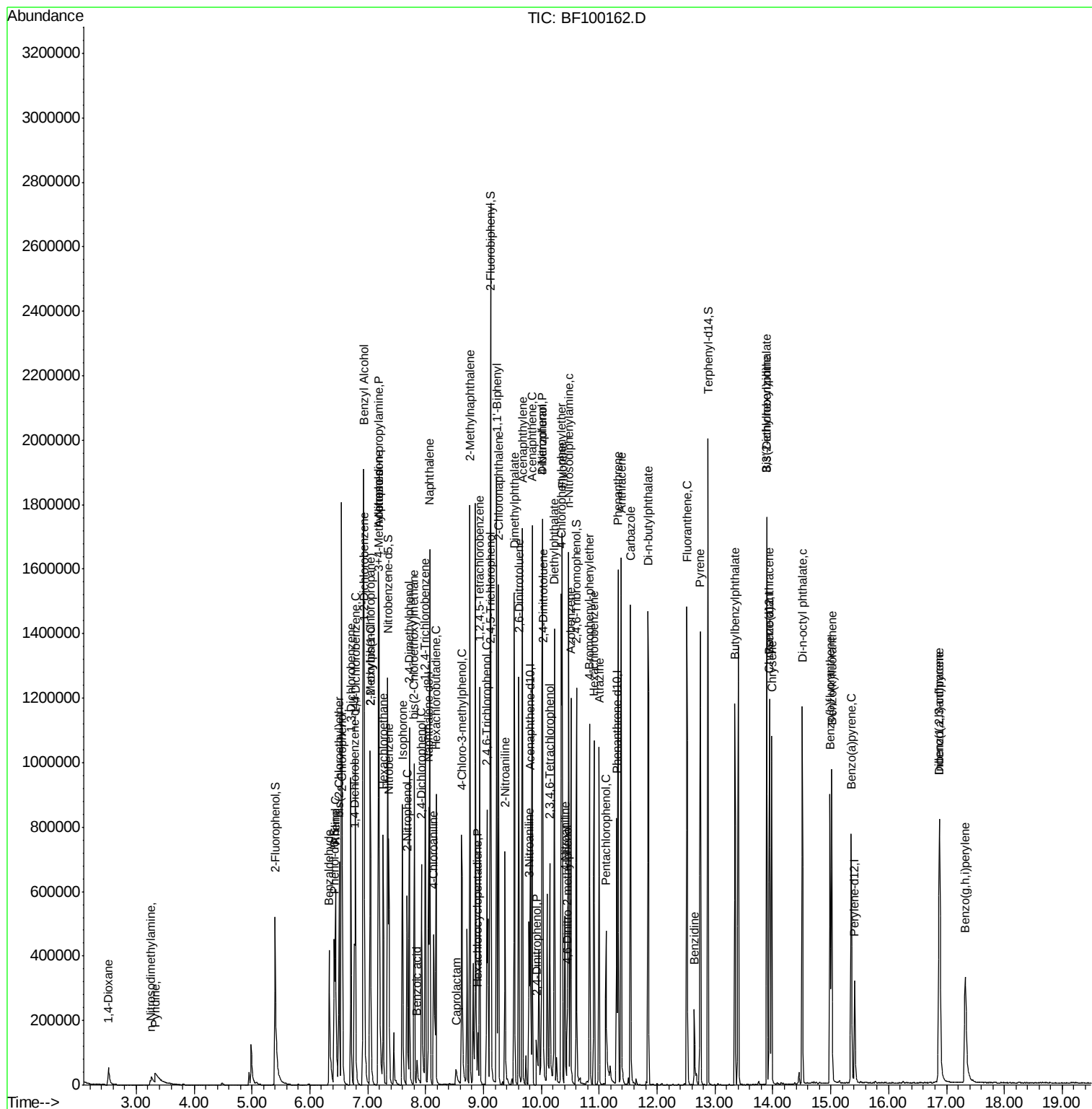
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100162.D
Acq On : 4 Nov 2017 4:54
Operator : SJ/JU
Sample : I6160-09MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

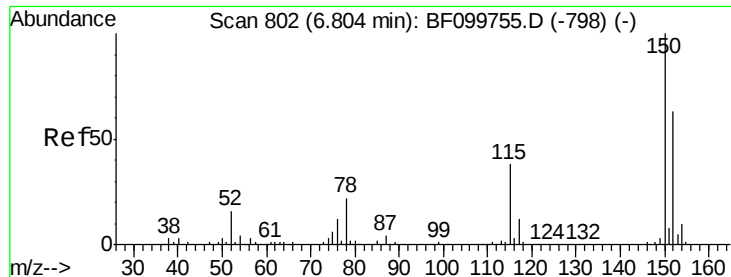
Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM

Quant Time: Nov 04 05:51:13 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





#1

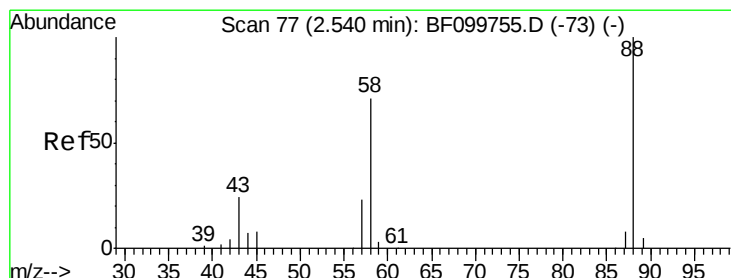
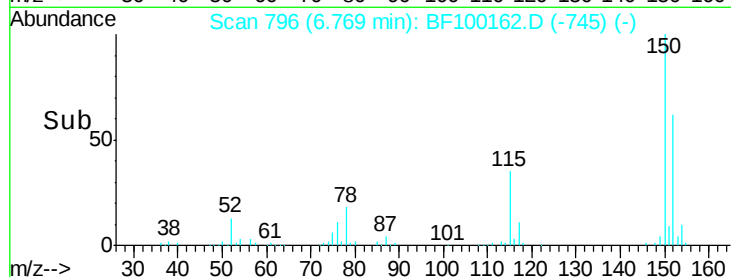
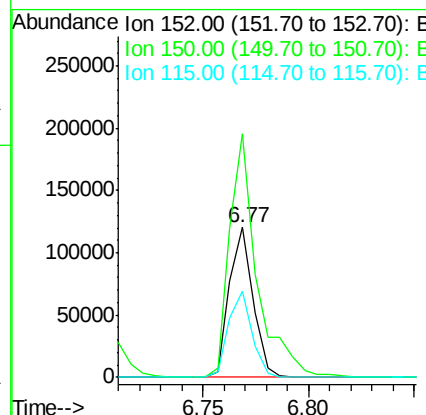
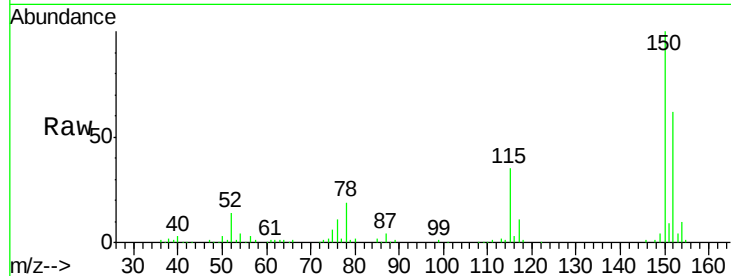
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.6	186.8
115	57.6	50.1	75.1

Manual Integrations
APPROVED

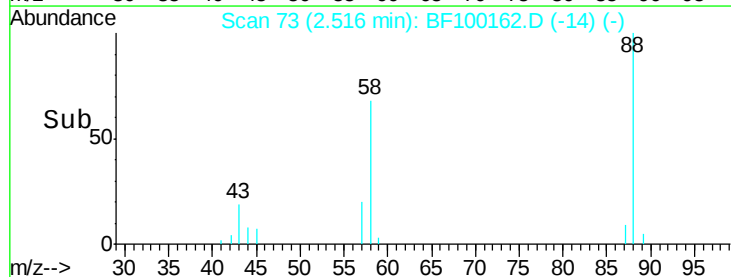
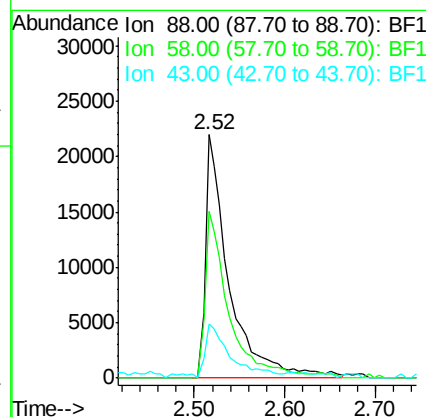
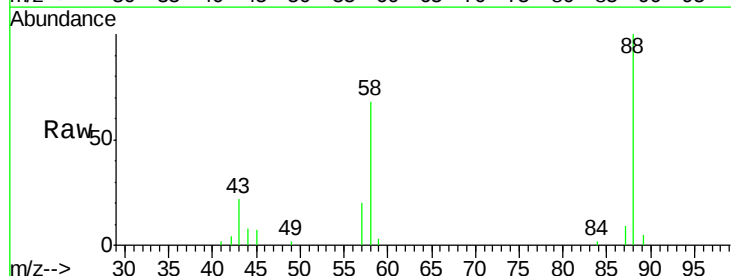
Sohil
11/4/2017 2:19:15 PM

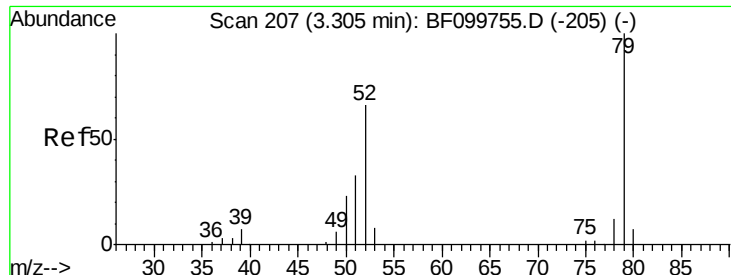


#2

1,4-Dioxane
Concen: 15.243 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.05 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	62.6	93.8
43	19.7	24.6	37.0





#3

Pyridine

Concen: 10.867 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.11 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

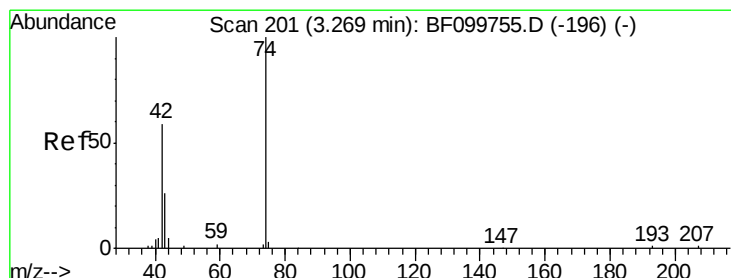
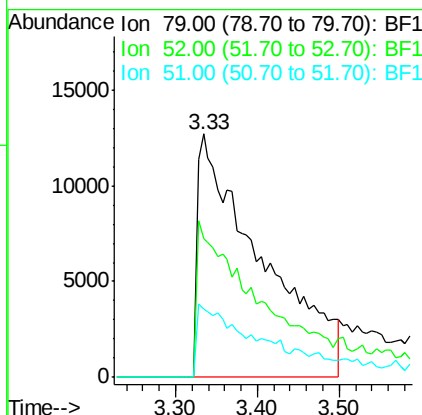
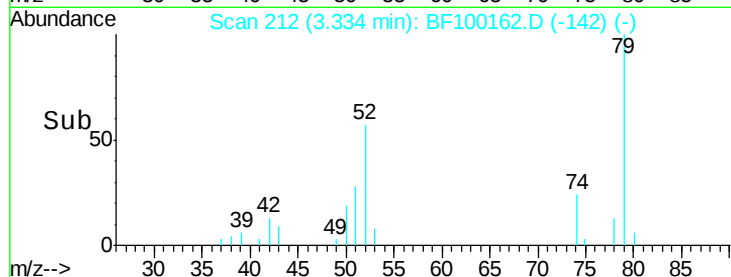
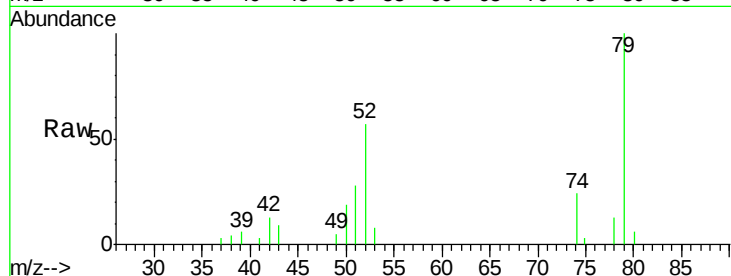
ClientSampleId :

RLF-SW-6MSD

Tgt Ion:	79	Resp:	68413
Ion	Ratio	Lower	Upper
79	100		
52	57.1	59.8	89.6#
51	27.9	29.8	44.8#

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM



#4

n-Nitrosodimethylamine

Concen: 11.668 ng

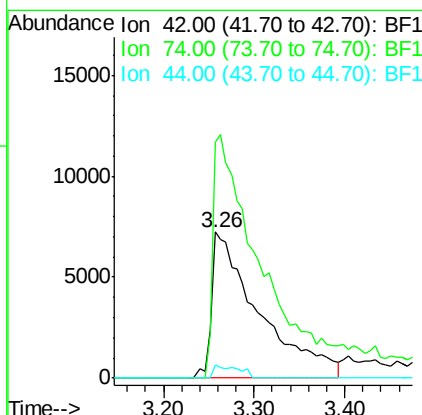
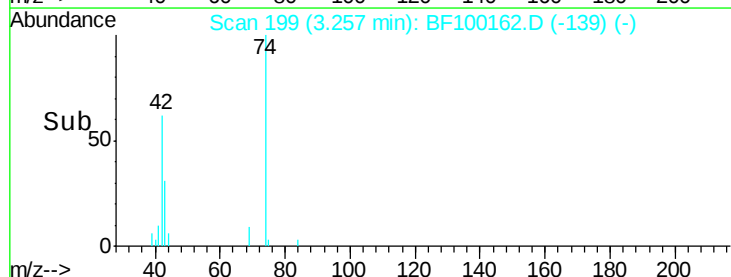
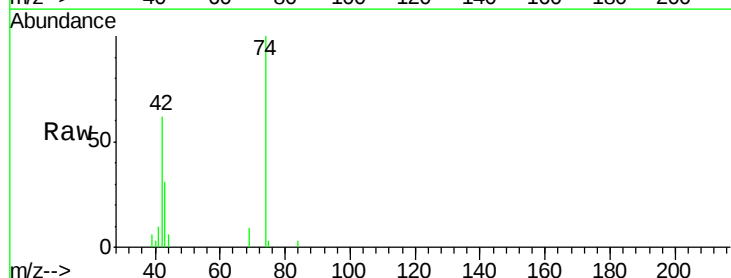
RT: 3.26 min Scan# 199

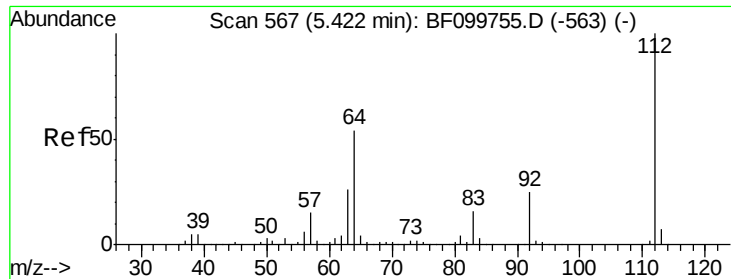
Delta R.T. 0.05 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Tgt Ion:	42	Resp:	26243
Ion	Ratio	Lower	Upper
42	100		
74	161.6	104.9	157.3#
44	9.0	6.9	10.3





#5

2-Fluorophenol

Concen: 50.861 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

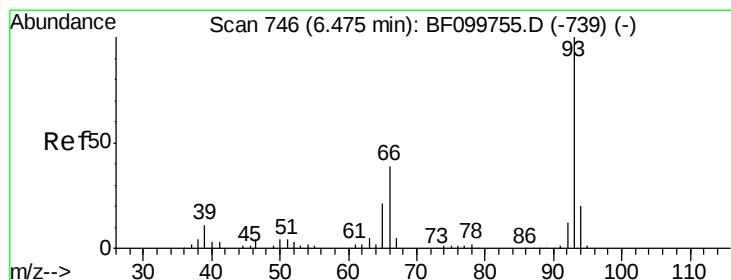
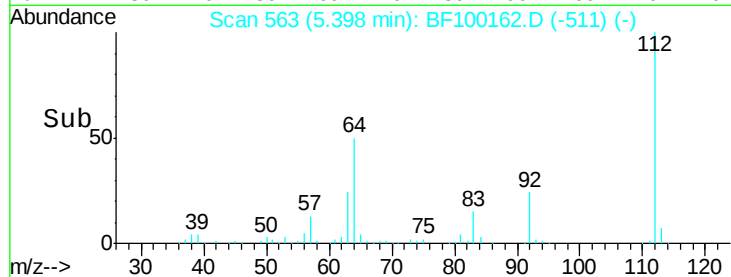
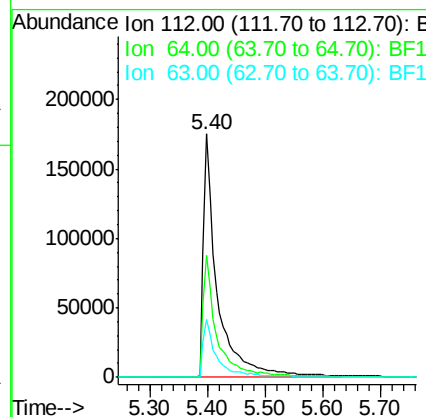
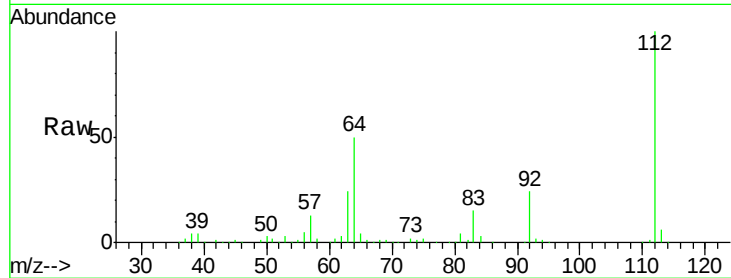
ClientSampleId :

RLF-SW-6MSD

Tgt Ion:	112	Resp:	301527
Ion Ratio	Lower	Upper	
112	100		
64	49.9	47.9	71.9
63	23.9	23.7	35.5

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM



#6

Aniline

Concen: 21.412 ng

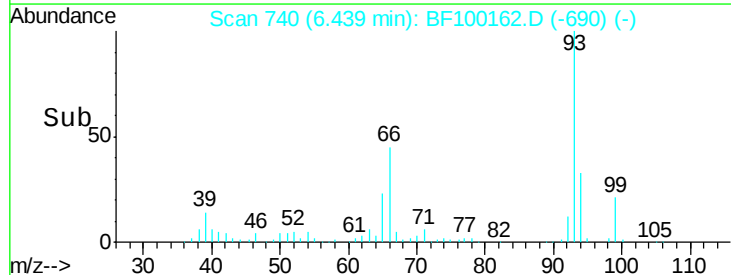
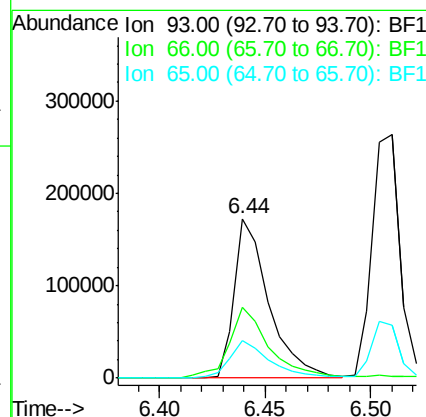
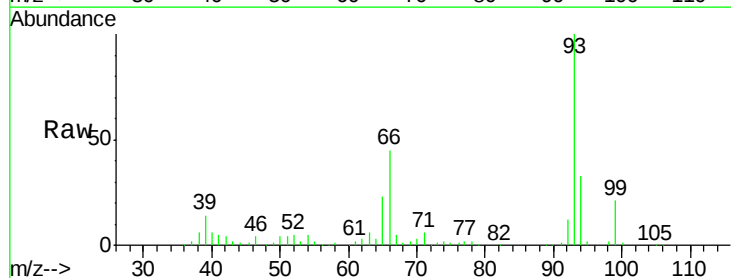
RT: 6.44 min Scan# 740

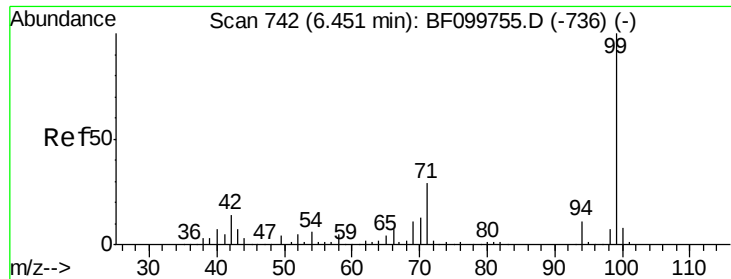
Delta R.T. -0.01 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Tgt Ion:	93	Resp:	195158
Ion Ratio	Lower	Upper	
93	100		
66	44.8	32.2	48.2
65	23.3	16.4	24.6





#7

Phenol-d6

Concen: 31.288 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

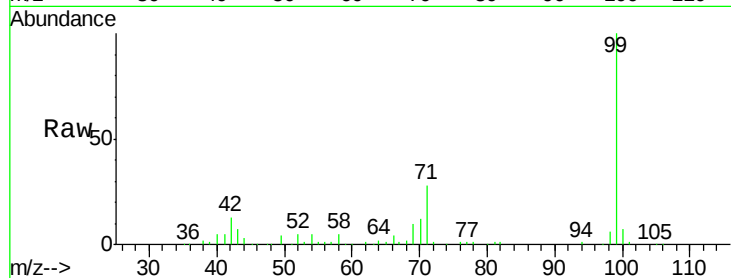
ClientSampleId :

RLF-SW-6MSD

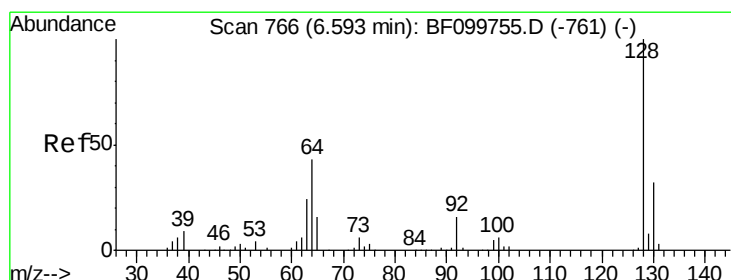
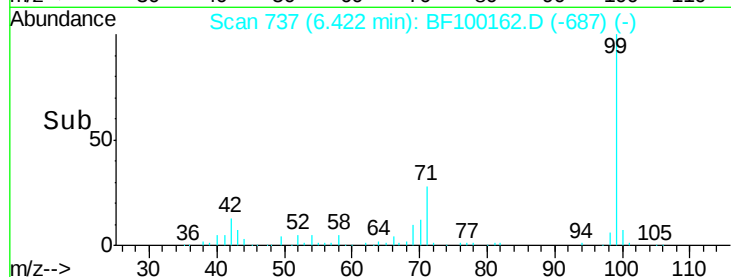
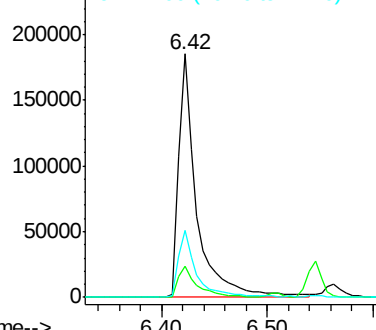
Tgt Ion:	99	Resp:	219939
Ion Ratio	Lower	Upper	
99	100		
42	12.6	14.5	21.7#
71	27.6	25.4	38.0

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM



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



#8

2-Chlorophenol

Concen: 34.856 ng

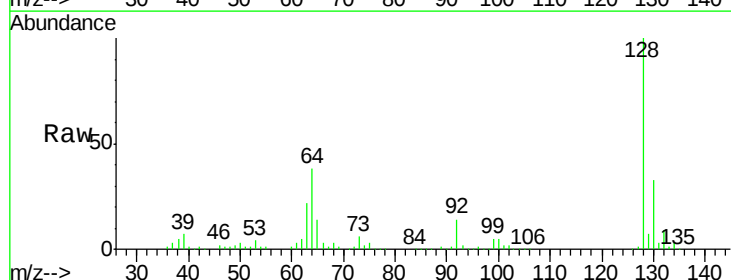
RT: 6.56 min Scan# 761

Delta R.T. -0.00 min

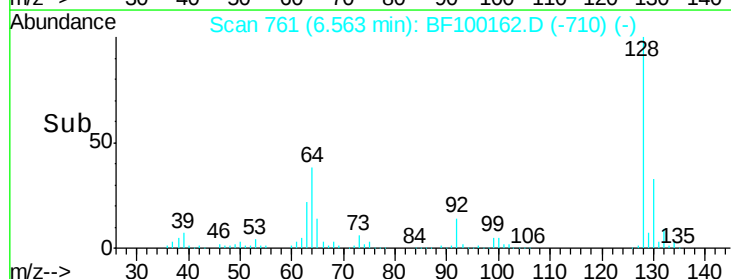
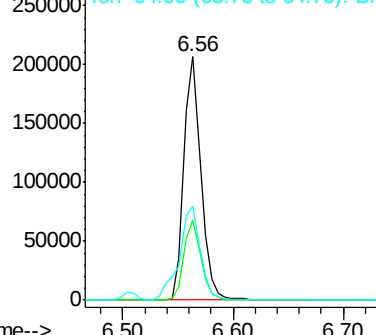
Lab File: BF100162.D

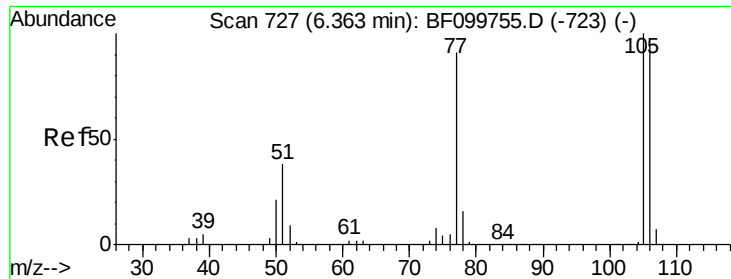
Acq: 4 Nov 2017 4:54

Tgt Ion:	128	Resp:	220240
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.0	53.0
64	38.4	29.4	69.4



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





#9

Benzaldehyde

Concen: 29.035 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

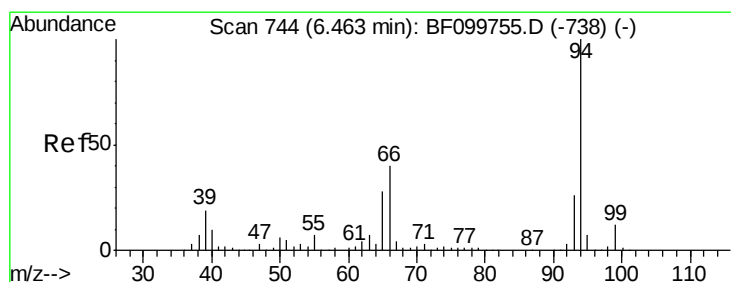
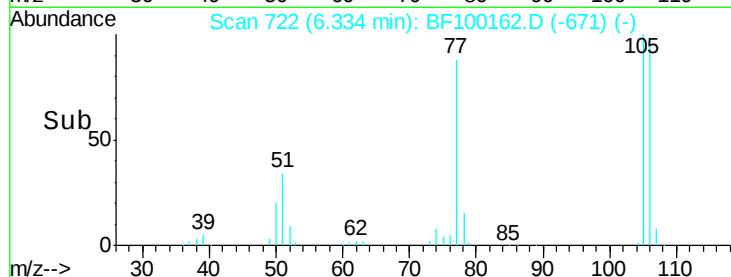
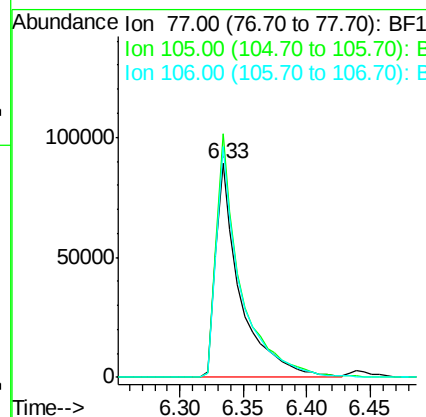
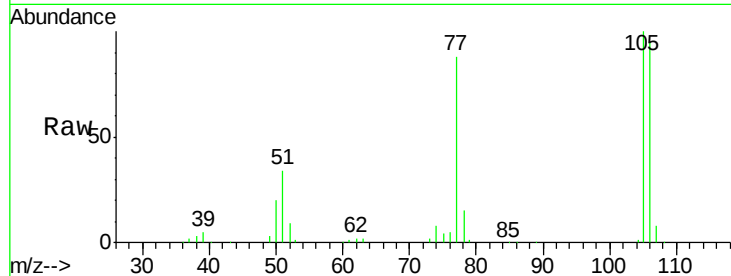
ClientSampled :

RLF-SW-6MSD

Tgt Ion:	77	Resp:	121962
Ion Ratio	Lower	Upper	
77	100		
105	113.8	81.1	121.1
106	107.7	74.5	114.5

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM



#10

Phenol

Concen: 12.529 ng

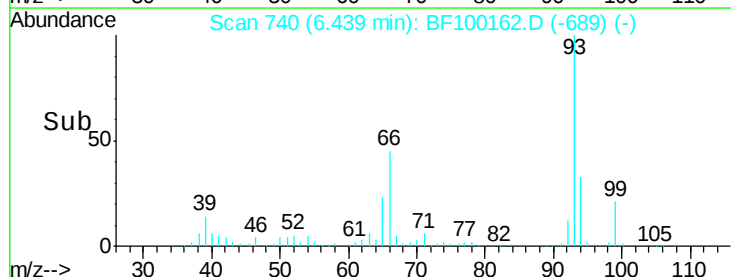
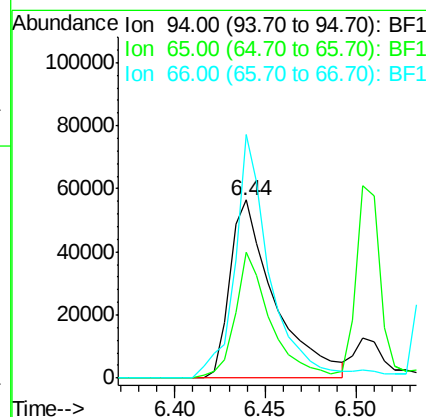
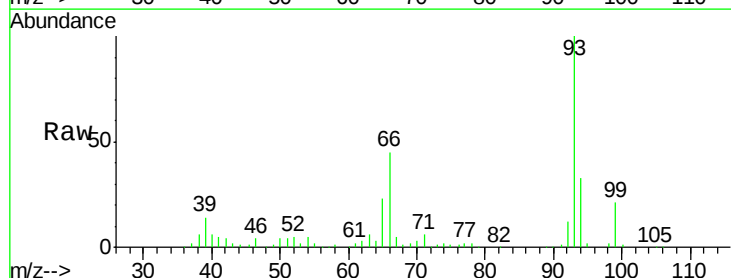
RT: 6.44 min Scan# 740

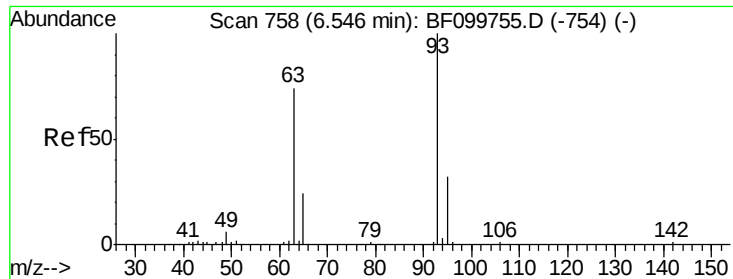
Delta R.T. -0.00 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Tgt Ion:	94	Resp:	96699
Ion Ratio	Lower	Upper	
94	100		
65	71.1	7.9	47.9#
66	136.9	16.2	56.2#





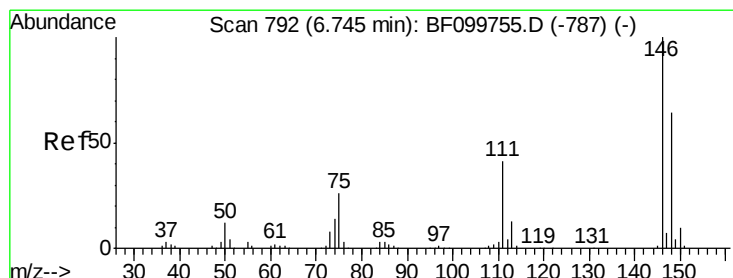
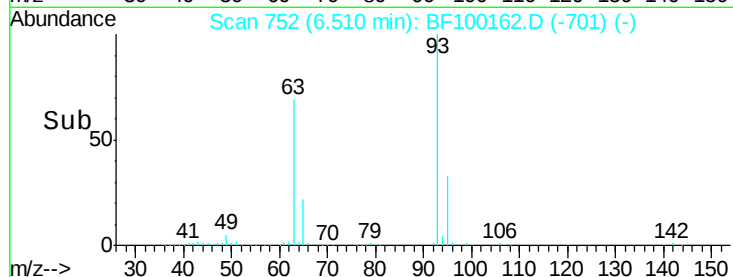
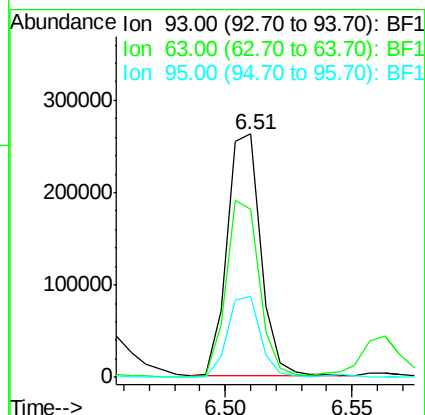
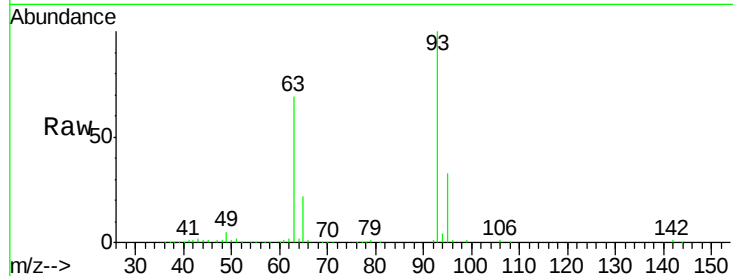
#11
bis(2-Chloroethyl)ether
Concen: 40.549 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	68.9	58.6	98.6
95	33.5	11.8	51.8

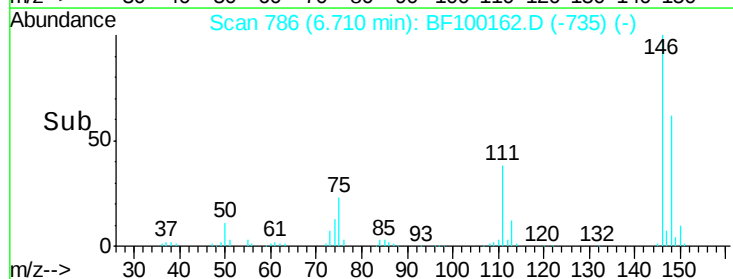
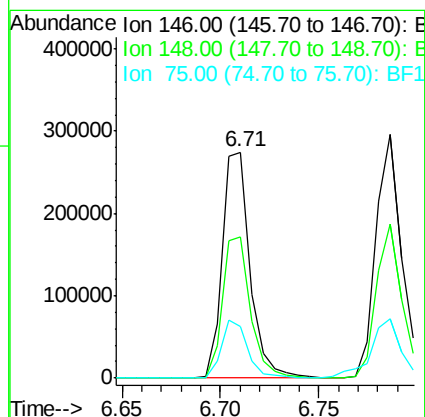
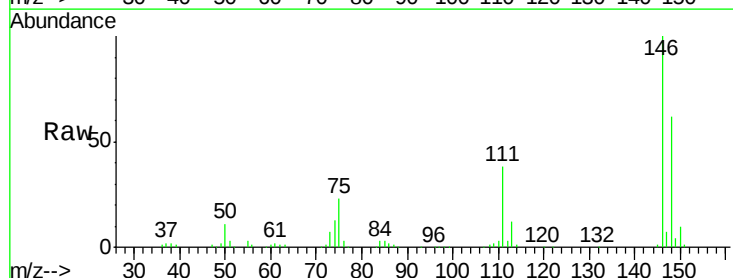
Manual Integrations
APPROVED

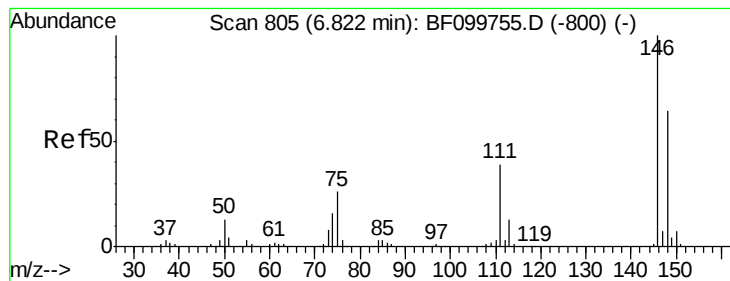
Sohil
11/4/2017 2:19:15 PM



#12
1,3-Dichlorobenzene
Concen: 38.236 ng m
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.8	77.8
75	23.0	24.2	36.4#





#13

1,4-Dichlorobenzene

Concen: 39.350 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

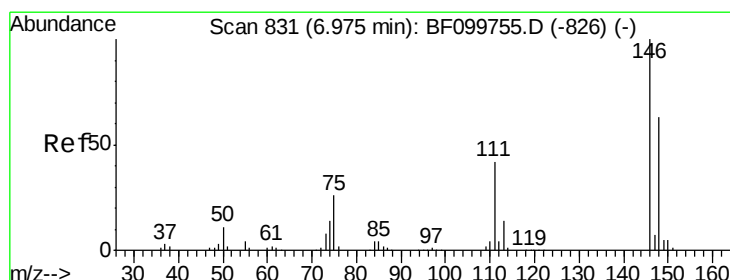
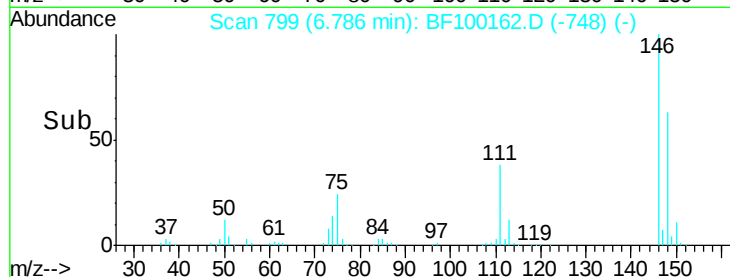
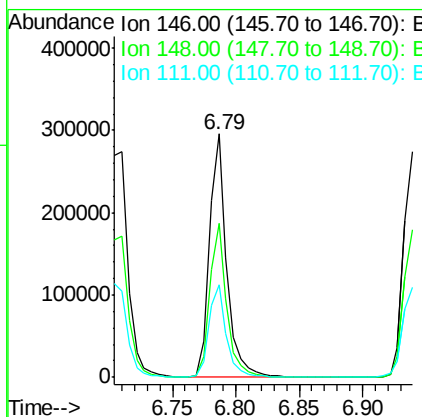
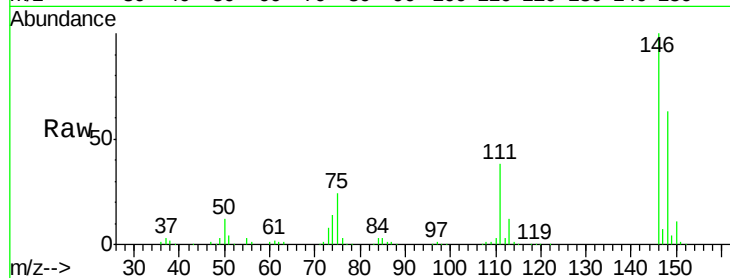
ClientSampleId :

RLF-SW-6MSD

Tgt Ion:	146	Resp:	283337
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.8	76.2
111	38.0	34.2	51.2

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM



#14

1,2-Dichlorobenzene

Concen: 38.887 ng

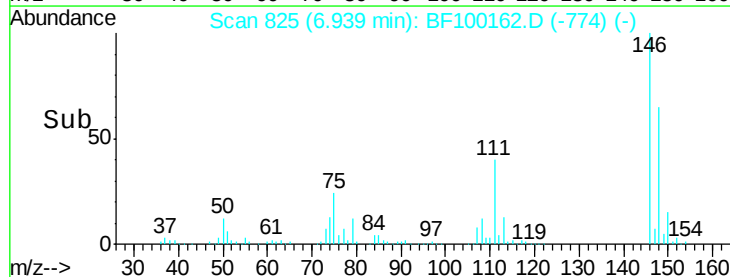
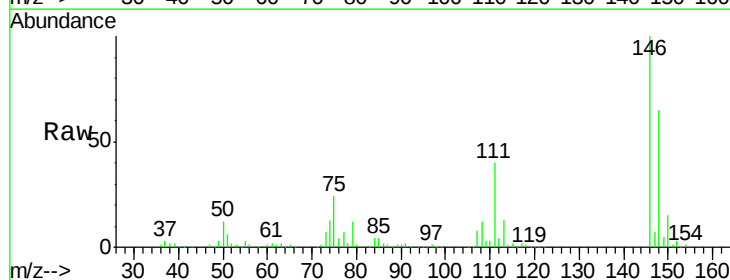
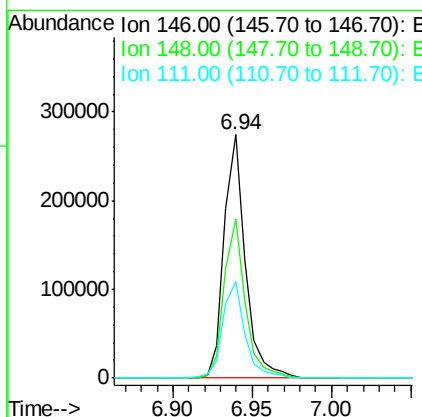
RT: 6.94 min Scan# 825

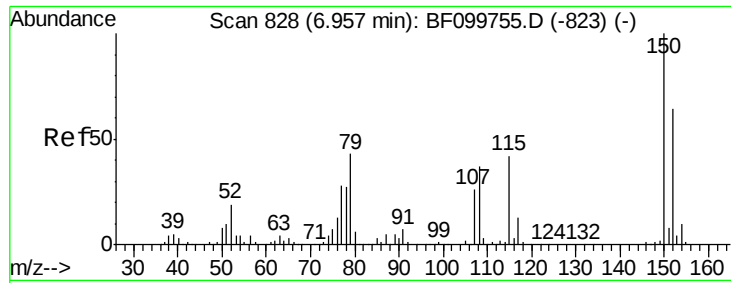
Delta R.T. -0.00 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Tgt Ion:	146	Resp:	255186
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.6	75.8
111	39.8	36.0	54.0





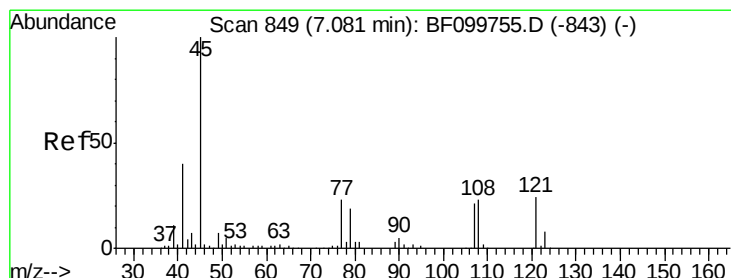
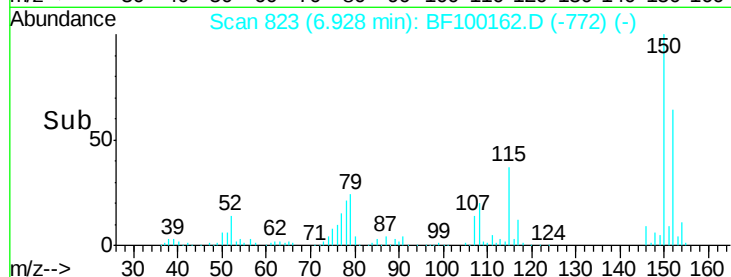
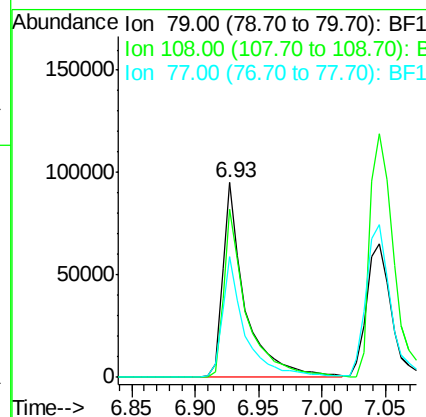
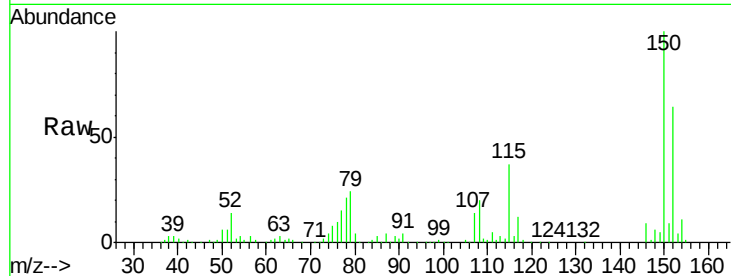
#15
Benzyl Alcohol
Concen: 26.338 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion: 79 Resp: 117744
Ion Ratio Lower Upper
79 100
108 86.0 65.1 97.7
77 62.0 50.6 75.8

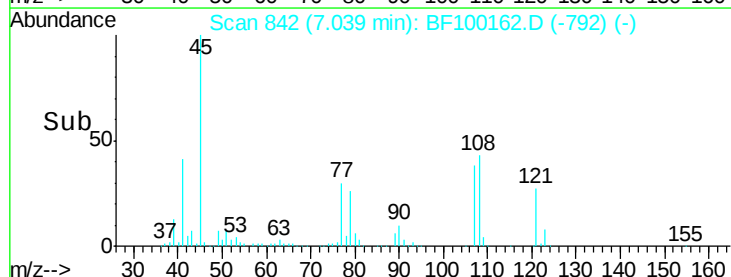
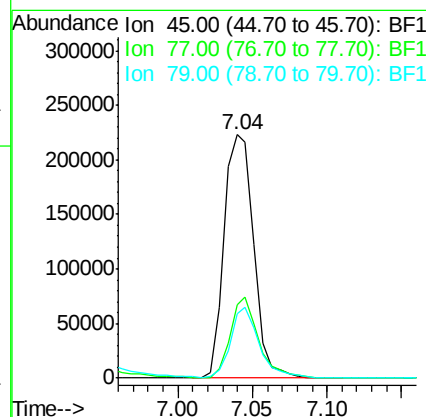
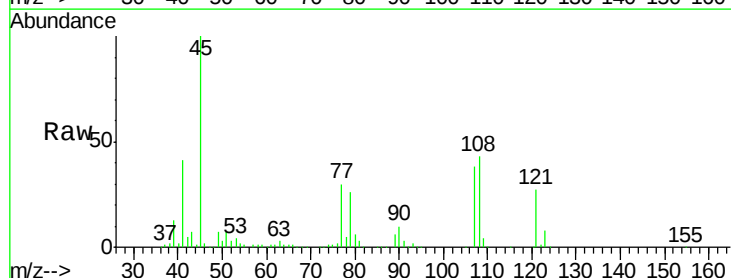
Manual Integrations
APPROVED

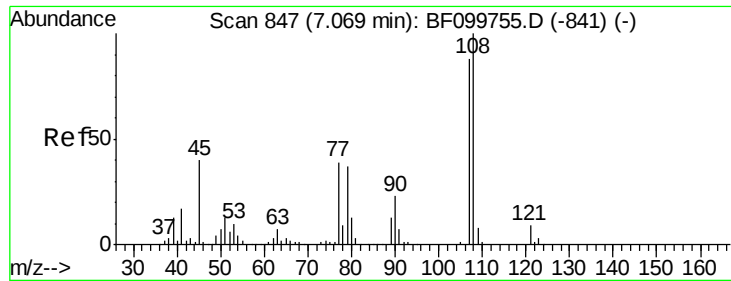
Sohil
11/4/2017 2:19:15 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.950 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion: 45 Resp: 310836
Ion Ratio Lower Upper
45 100
77 30.3 0.0 32.9
79 26.4 0.0 29.6





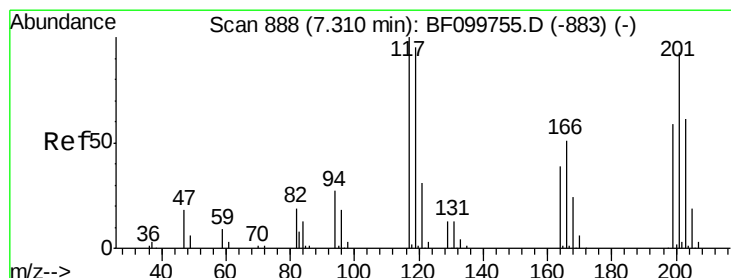
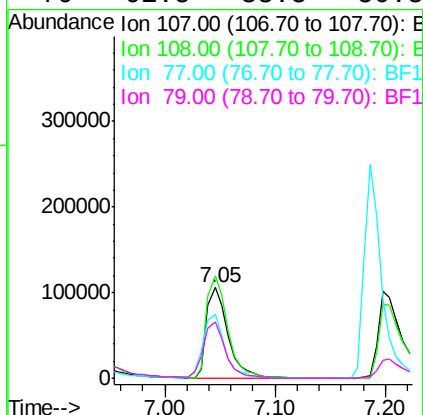
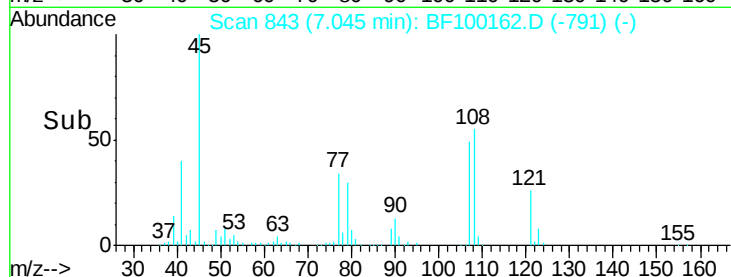
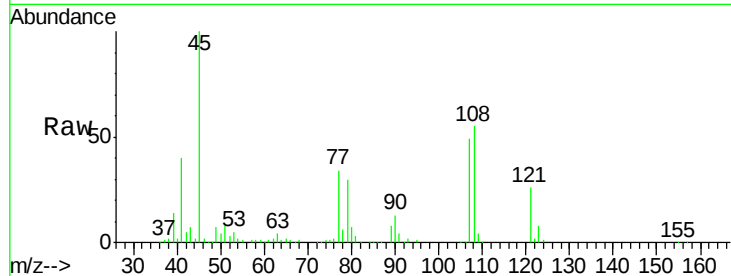
#17
2-Methylphenol
Concen: 26.701 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.1	91.7	137.5
77	70.1	33.8	50.8#
79	61.5	33.8	50.8#

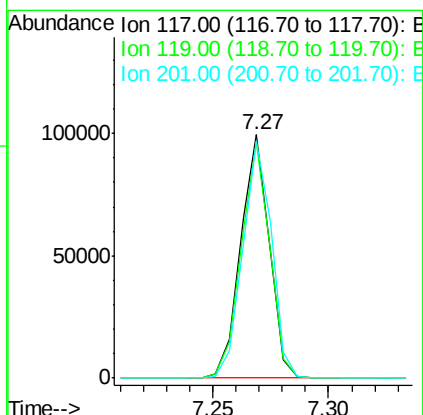
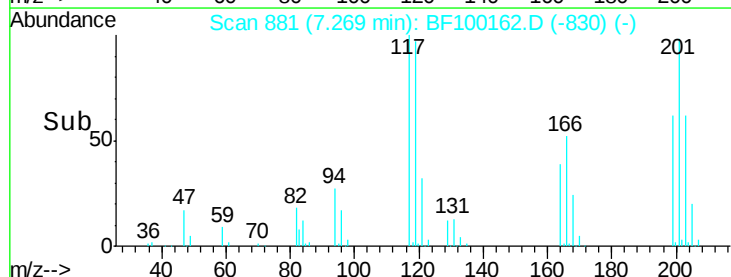
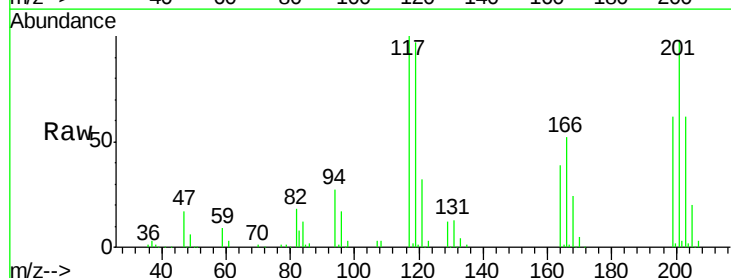
Manual Integrations
APPROVED

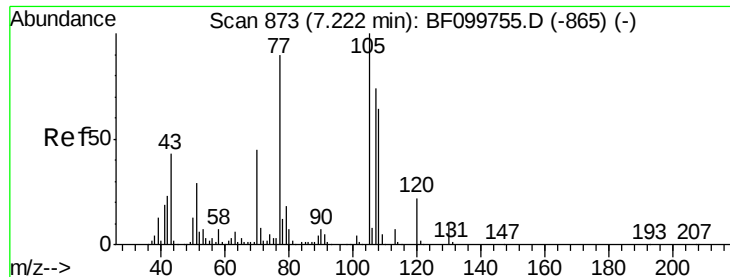
Sohil
11/4/2017 2:19:15 PM



#18
Hexachloroethane
Concen: 35.783 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	97.1	75.8	113.8
201	97.6	75.7	113.5





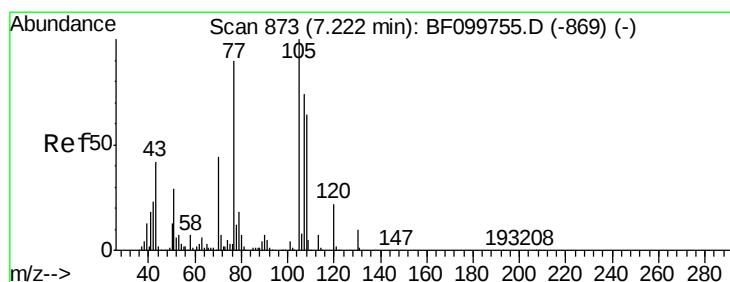
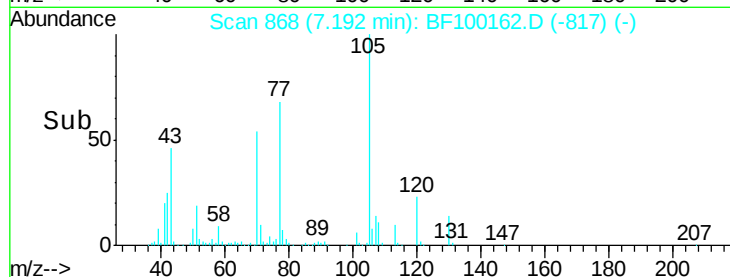
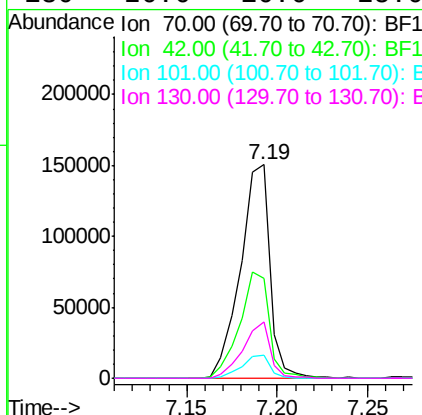
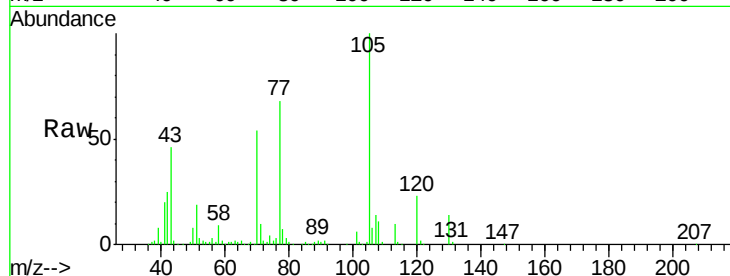
#19
n-Nitroso-di-n-propylamine
Concen: 41.561 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.8	47.5	71.3#
101	11.1	7.4	11.2
130	26.6	16.6	25.0#

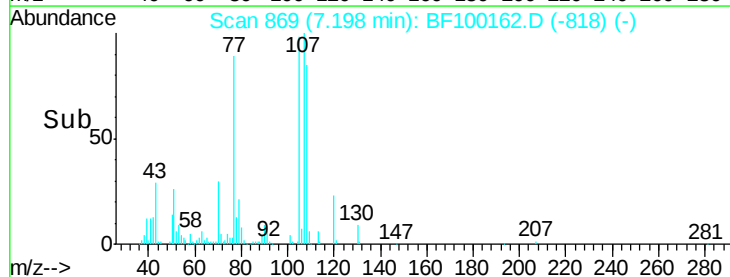
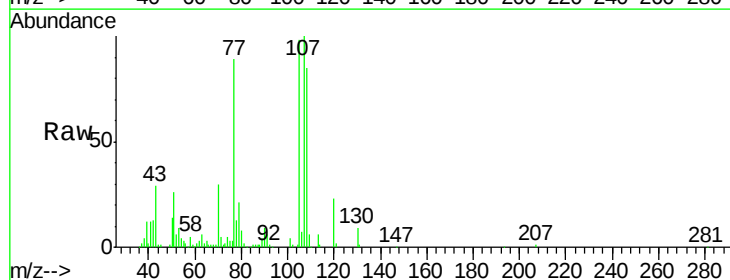
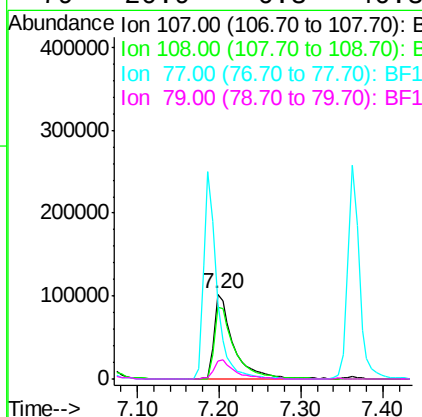
Manual Integrations
APPROVED

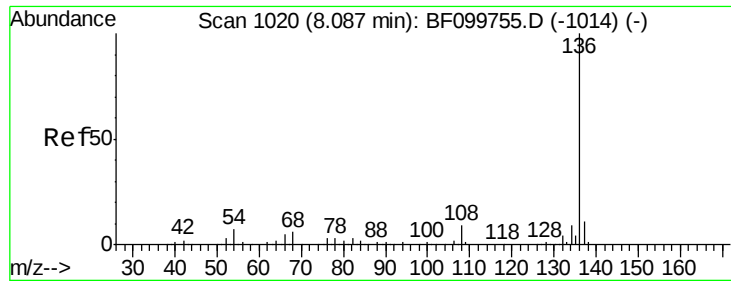
Sohil
11/4/2017 2:19:15 PM



#20
3+4-Methylphenols
Concen: 27.305 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.2	108.2
77	88.7	26.7	66.7#
79	20.9	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: BF100162.D

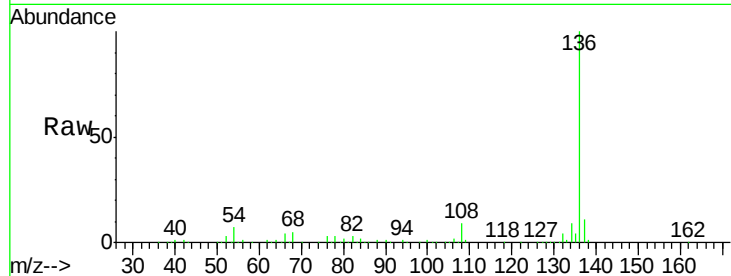
Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

ClientSampleId :

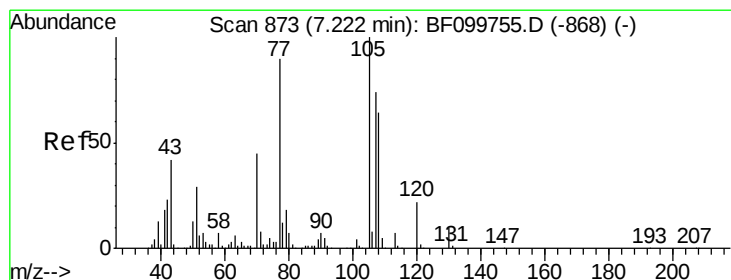
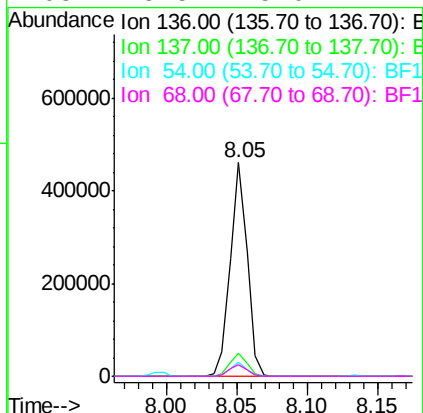
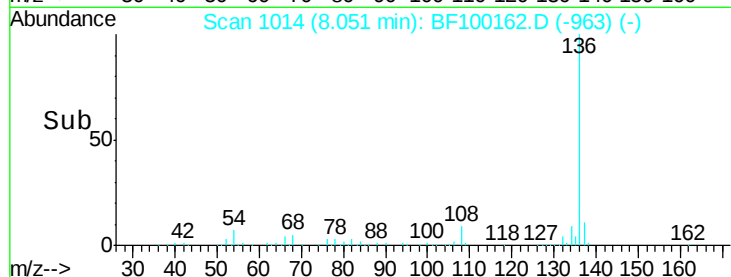
RLF-SW-6MSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	385064		
137	11.1	8.9	13.3	
54	6.5	6.6	9.8	
68	5.5	5.0	7.4	

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM



#22

Acetophenone

Concen: 41.189 ng

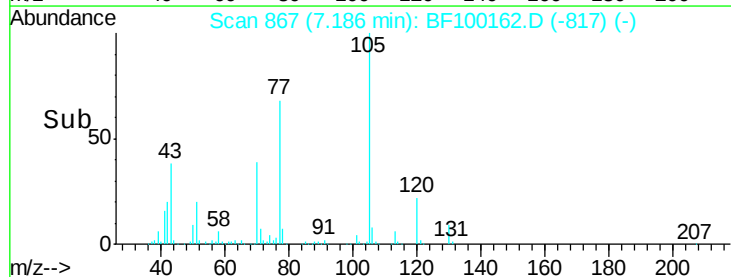
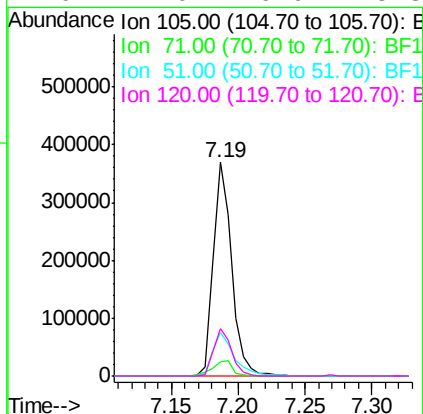
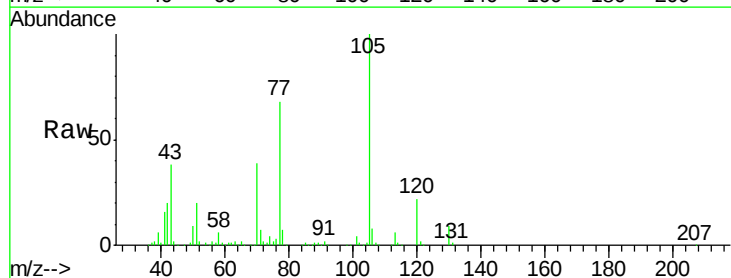
RT: 7.19 min Scan# 867

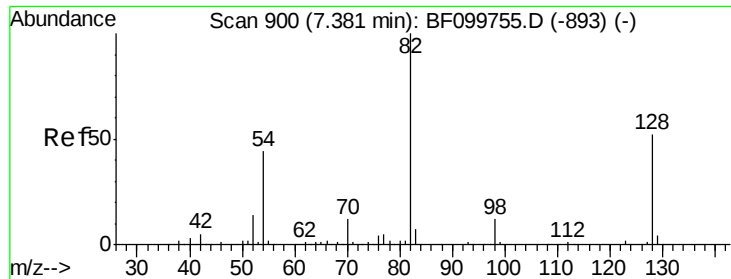
Delta R.T. -0.01 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	361128		
71	6.5	4.4	6.6	
51	20.3	22.3	33.5	
120	22.0	16.9	25.3	





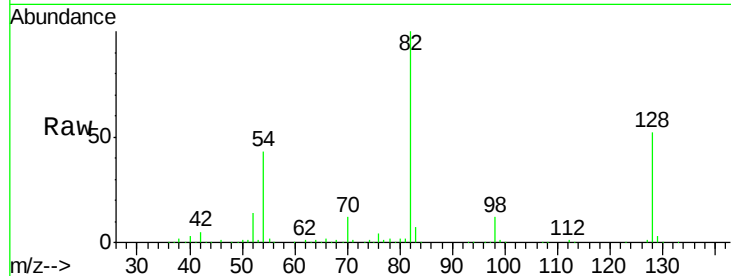
#23
 Nitrobenzene-d5
 Concen: 76.149 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

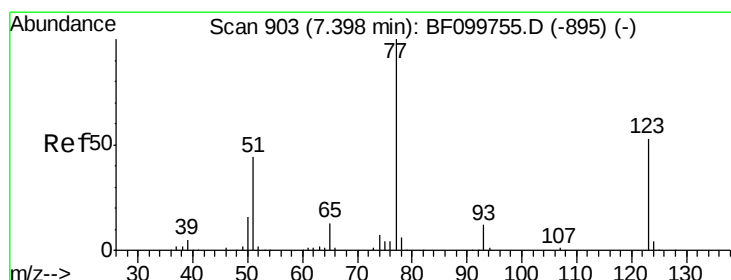
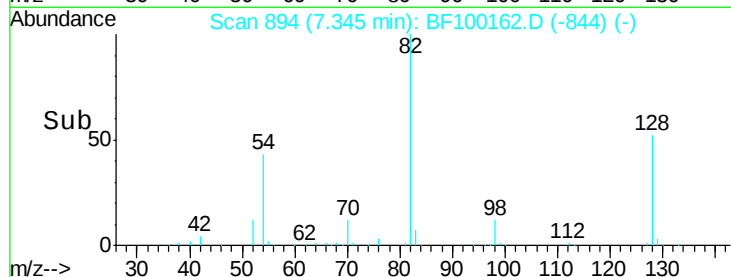
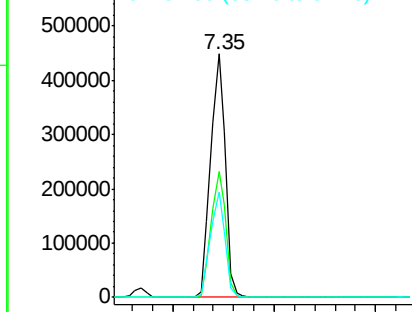
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	455455		
128	51.8	36.1	54.1	
54	43.2	41.4	62.2	

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:19:15 PM

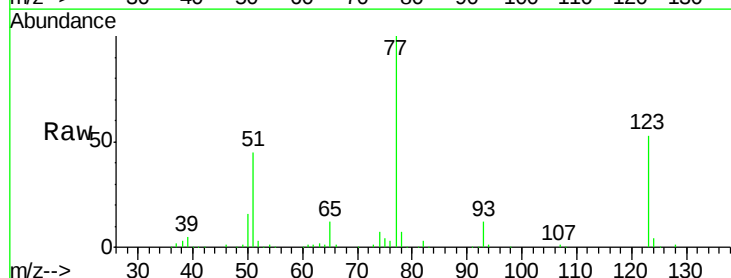


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

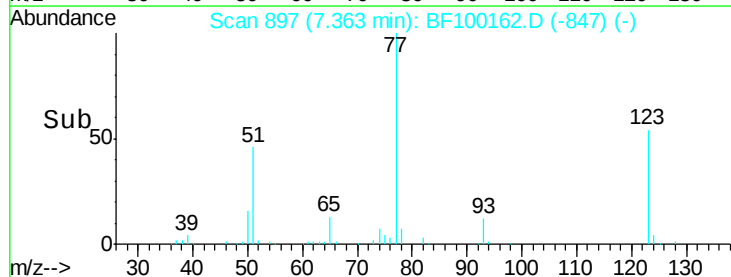
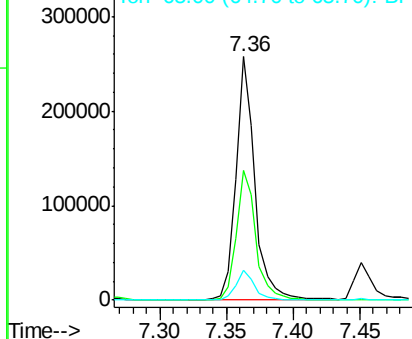


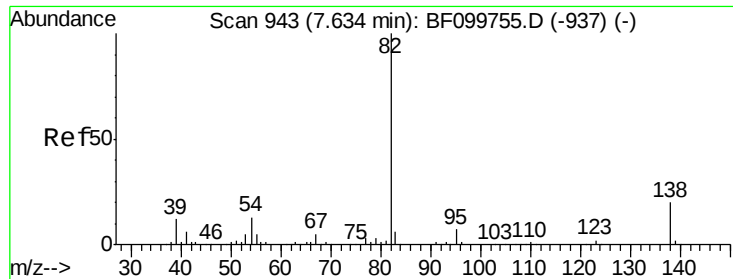
#24
 Nitrobenzene
 Concen: 42.276 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	254773		
123	53.2	37.9	56.9	
65	12.4	11.0	16.4	



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





#25

Isophorone

Concen: 44.714 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

ClientSampleId :

RLF-SW-6MSD

Tgt Ion: 82 Resp: 485290
Ion Ratio Lower Upper

82 100

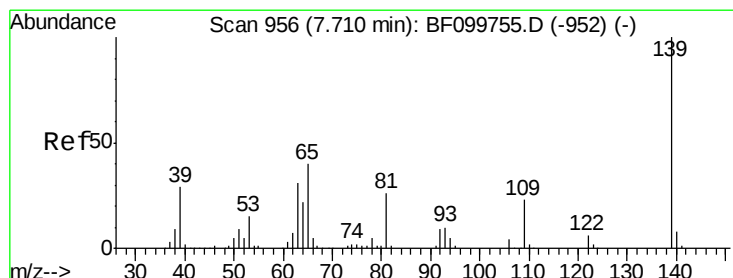
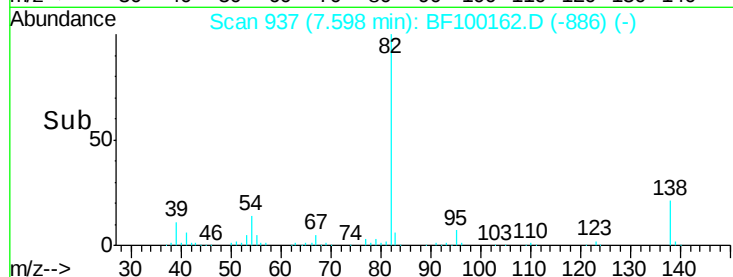
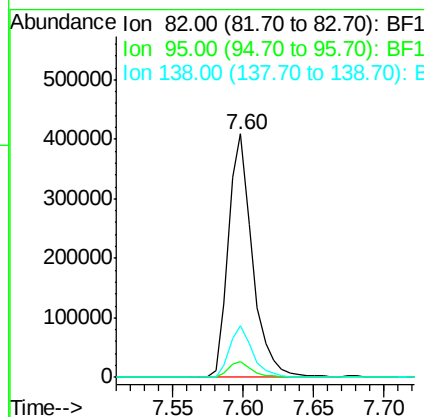
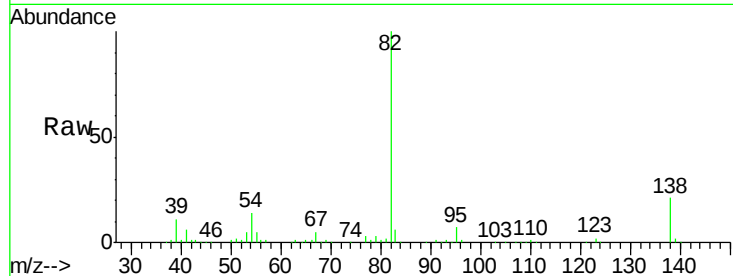
95 6.5 5.2 7.8

138 21.0 14.9 22.3

Manual Integrations
APPROVED

Sohil

11/4/2017 2:19:15 PM



#26

2-Nitrophenol

Concen: 42.627 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF100162.D

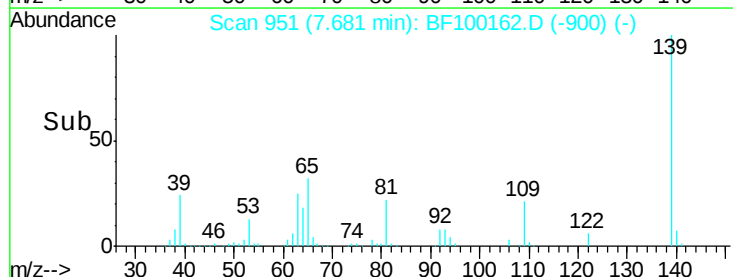
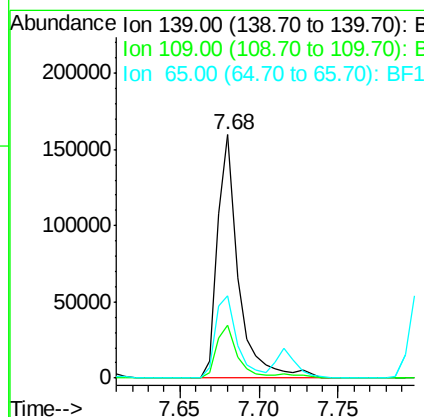
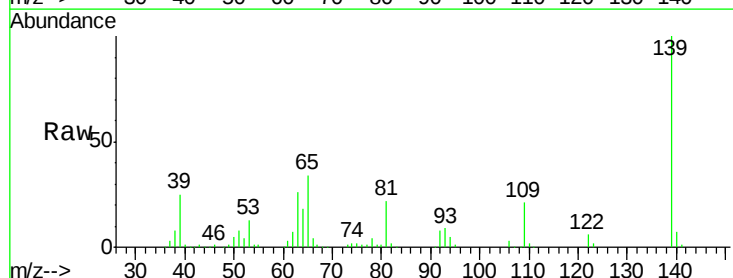
Acq: 4 Nov 2017 4:54

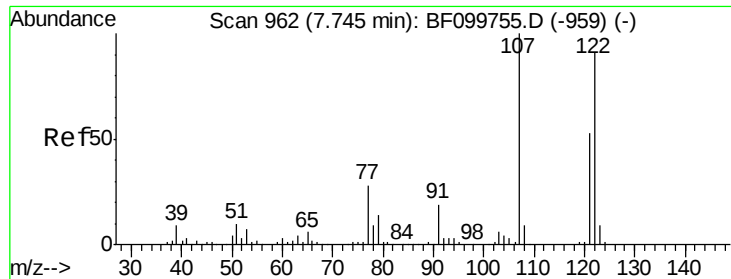
Tgt Ion: 139 Resp: 147133
Ion Ratio Lower Upper

139 100

109 21.5 22.7 34.1#

65 34.1 40.5 60.7#





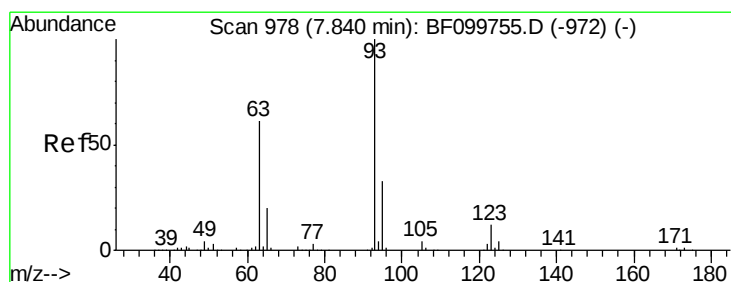
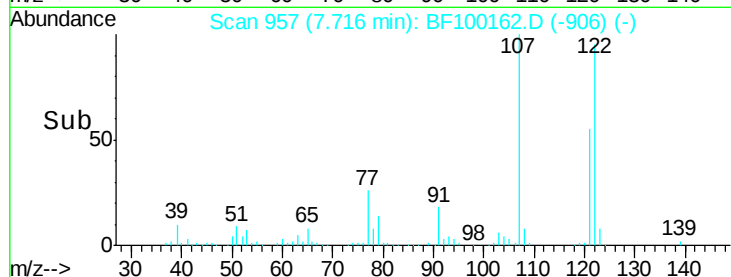
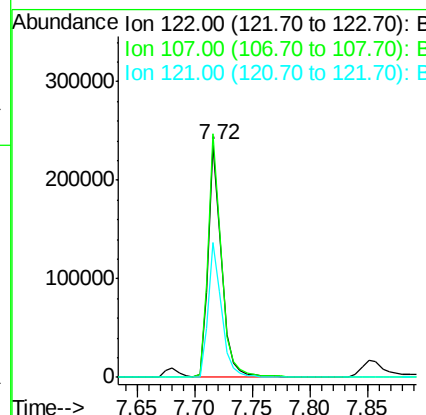
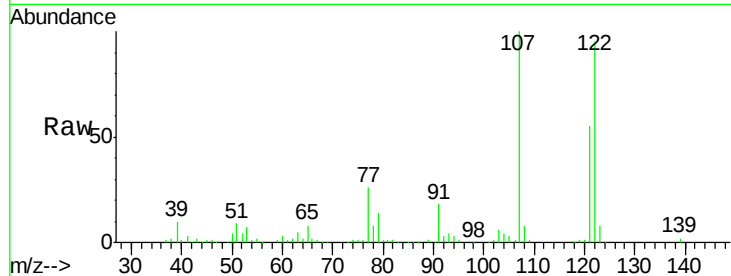
#27
2,4-Dimethylphenol
Concen: 38.651 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	196568		
107	104.9	91.2	136.8	
121	58.2	47.2	70.8	

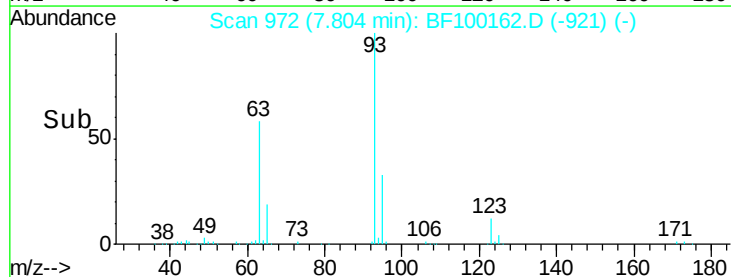
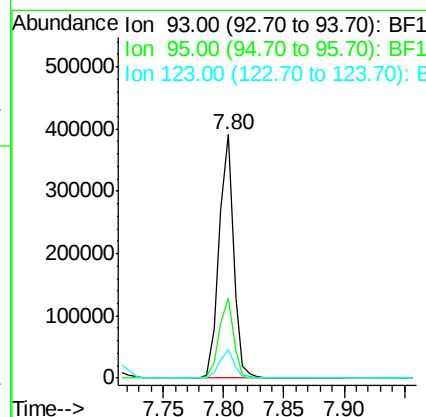
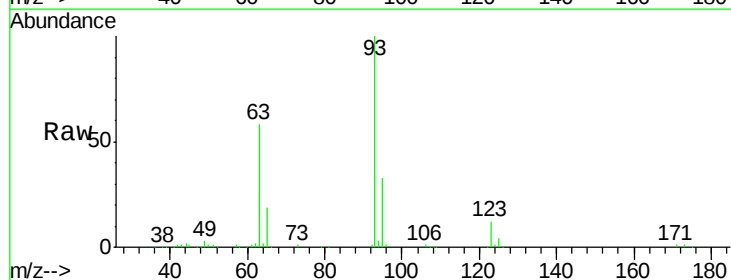
Manual Integrations
APPROVED

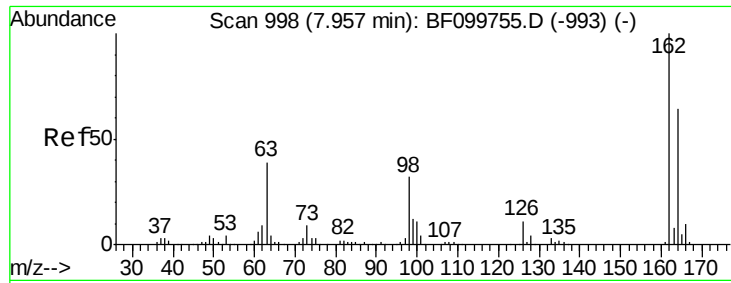
Sohil
11/4/2017 2:19:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.117 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	320129		
95	33.0	26.3	39.5	
123	11.7	9.8	14.6	





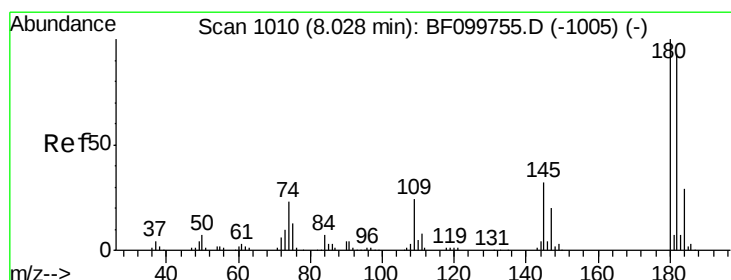
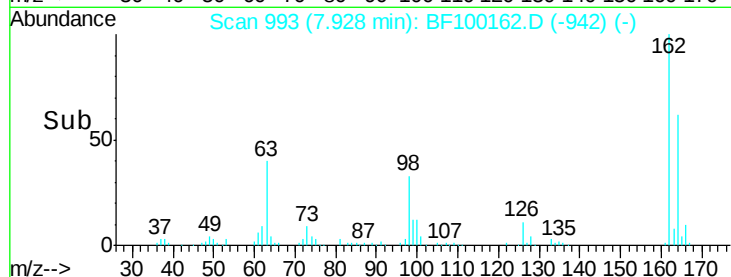
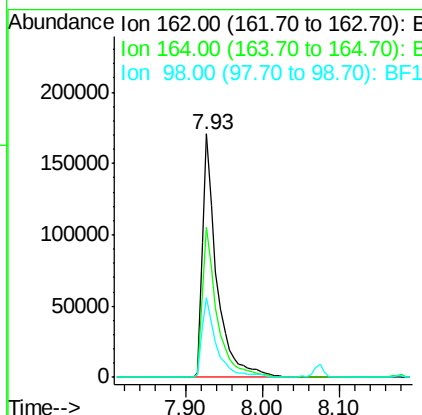
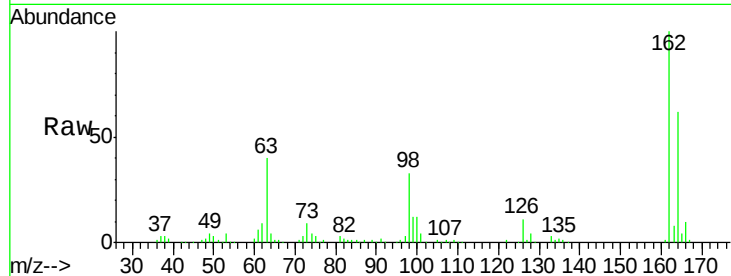
#29
 2,4-Dichlorophenol
 Concen: 41.778 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

Tgt Ion:	162	Resp:	220718
Ion Ratio	Lower	Upper	
162	100		
164	61.8	42.7	82.7
98	32.6	18.1	58.1

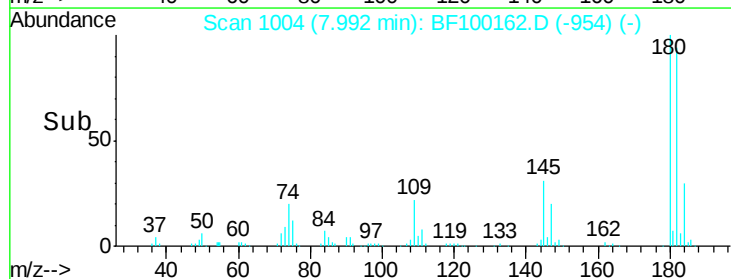
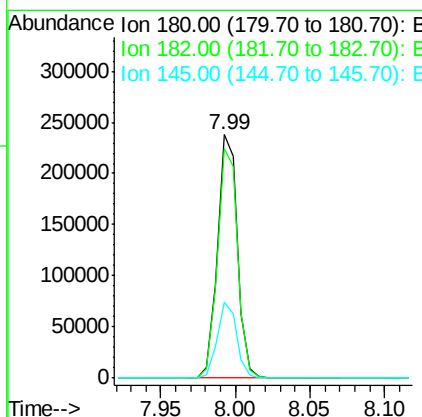
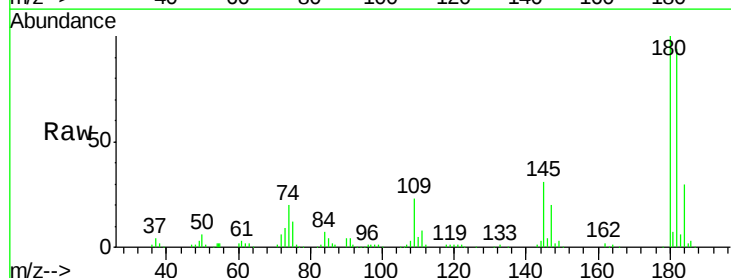
Manual Integrations
 APPROVED

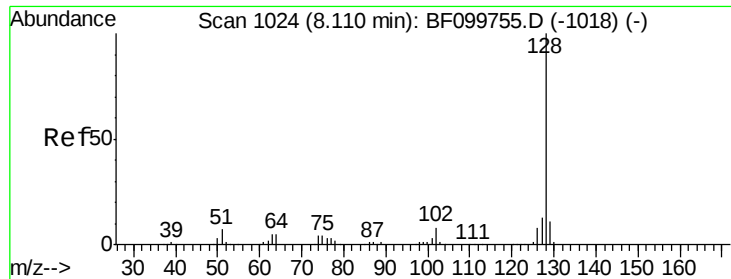
Sohil
 11/4/2017 2:19:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.526 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Tgt Ion:	180	Resp:	223121
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.8	115.2
145	31.2	26.5	39.7





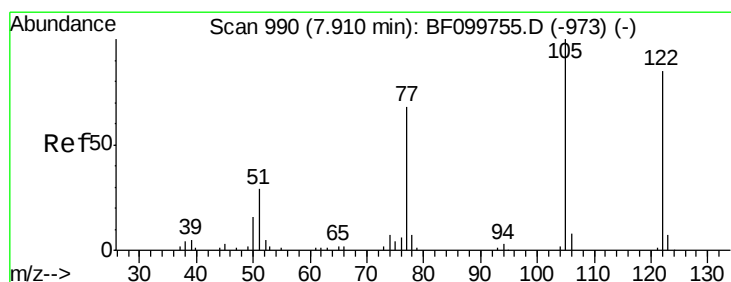
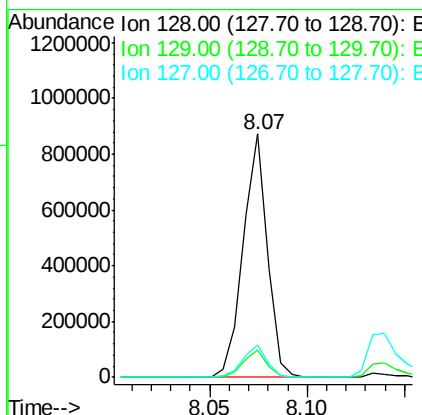
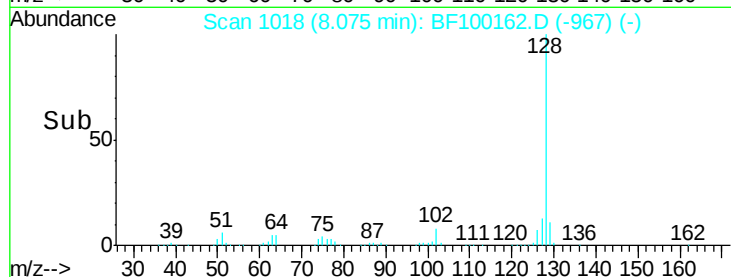
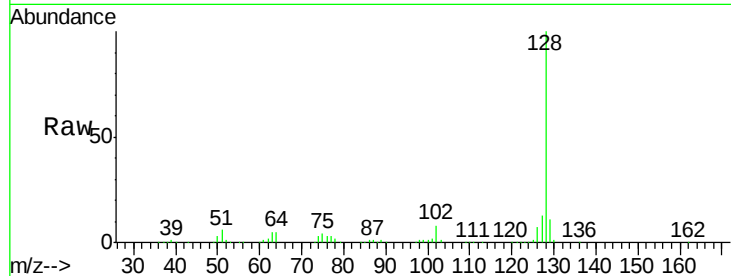
#31
Naphthalene
Concen: 40.269 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

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

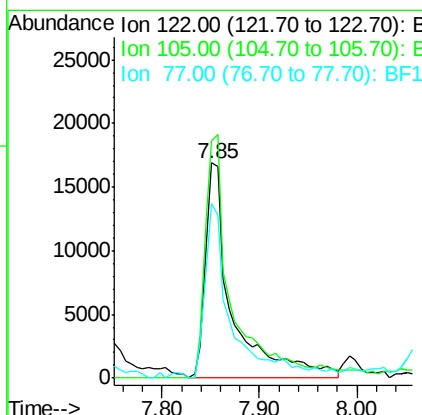
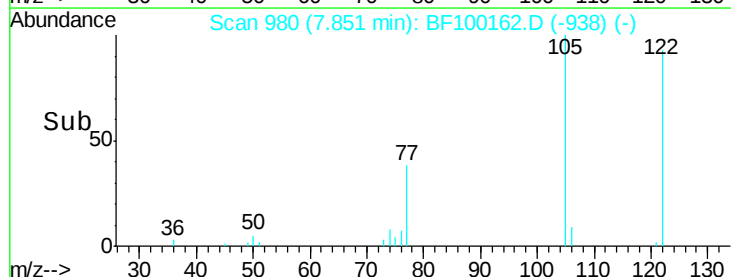
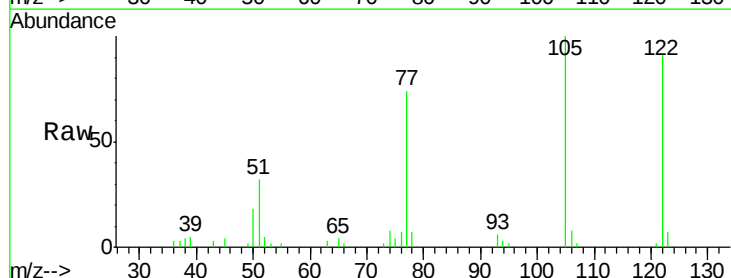
Manual Integrations
APPROVED

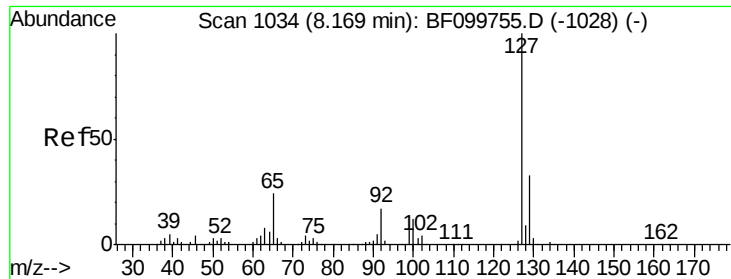
Sohil
11/4/2017 2:19:15 PM



#32
Benzoic acid
Concen: 7.265 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	110.3	101.1	141.1
77	81.4	70.7	110.7





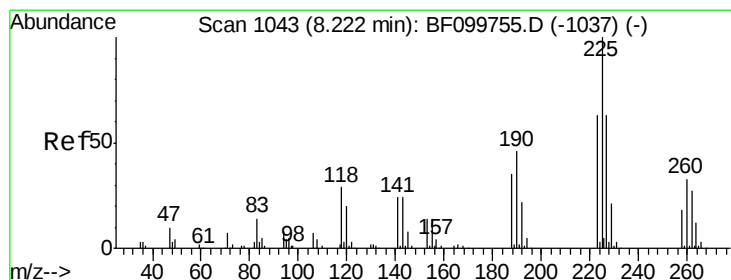
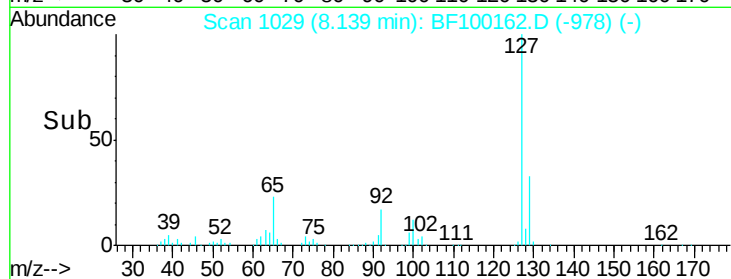
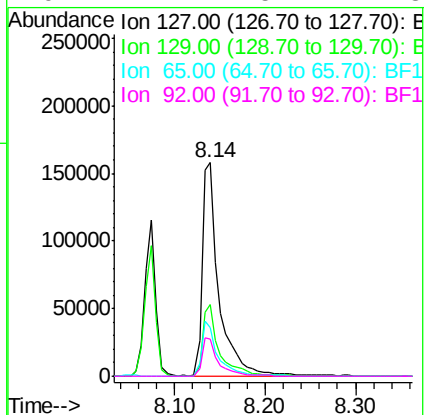
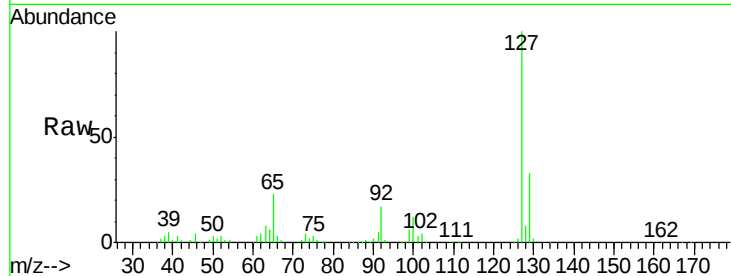
#33
 4-Chloroaniline
 Concen: 26.546 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.3	25.9	38.9
65	23.1	25.0	37.4
92	17.2	15.2	22.8

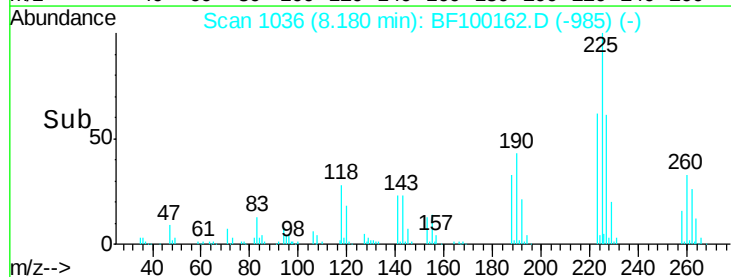
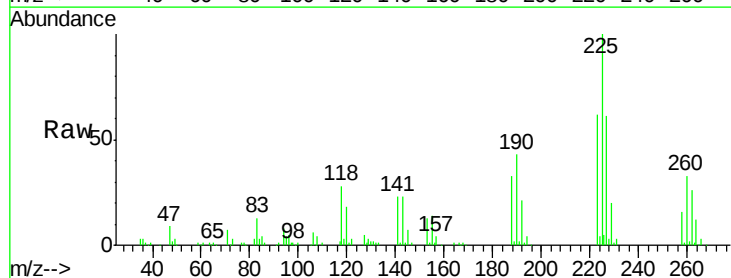
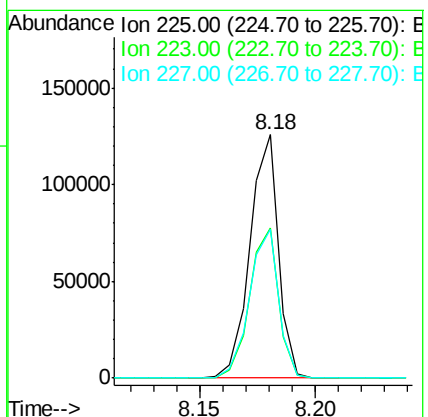
Manual Integrations
 APPROVED

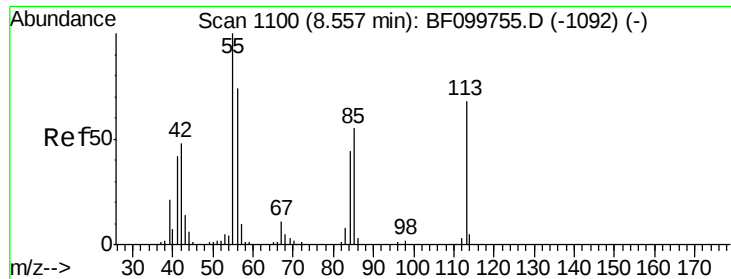
Sohil
 11/4/2017 2:19:15 PM



#34
 Hexachlorobutadiene
 Concen: 37.379 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.9	50.6	76.0
227	61.0	51.9	77.9





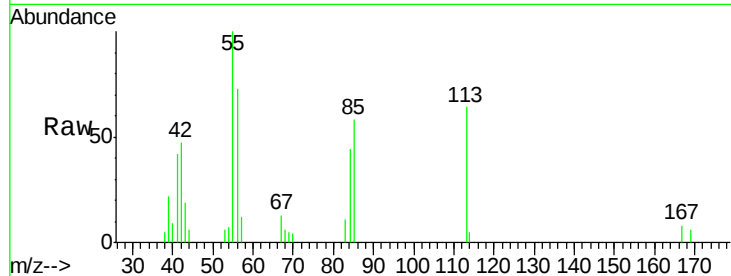
#35
 Caprolactam
 Concen: 5.899 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

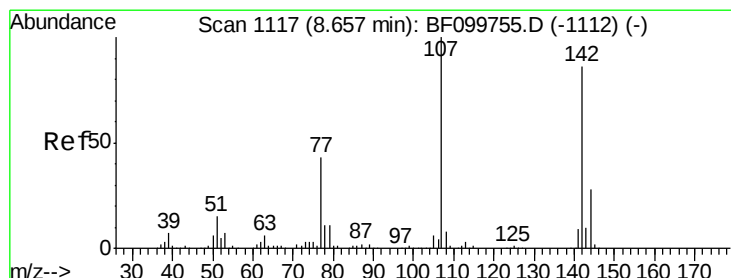
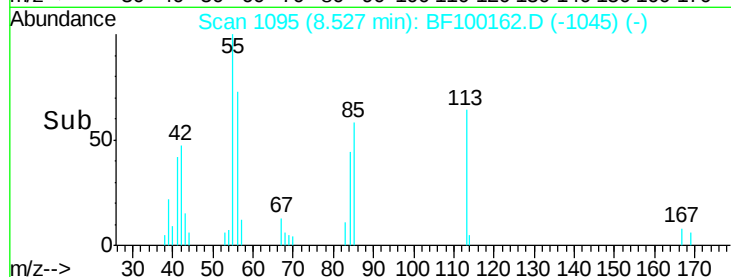
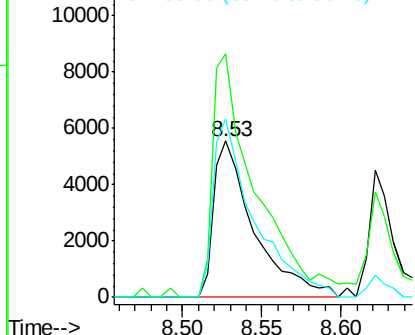
Tgt Ion: 113 Resp: 9800
 Ion Ratio Lower Upper
 113 100
 55 155.7 163.3 203.3#
 56 114.3 115.7 155.7#

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:19:15 PM

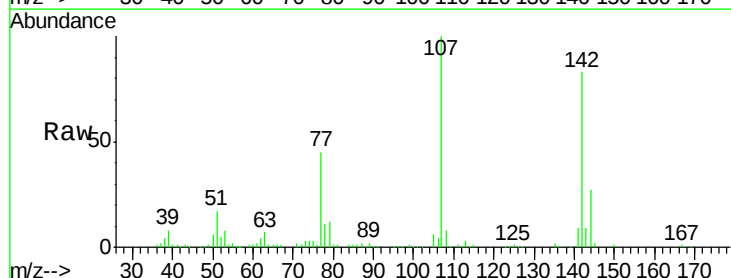


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

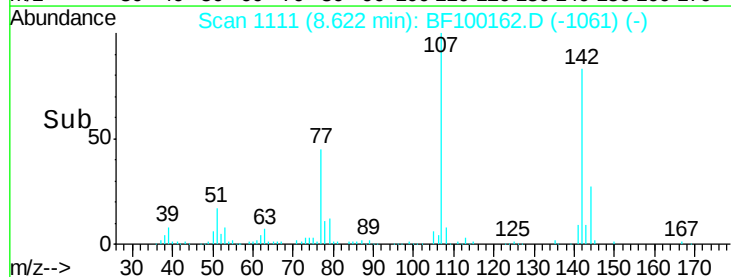
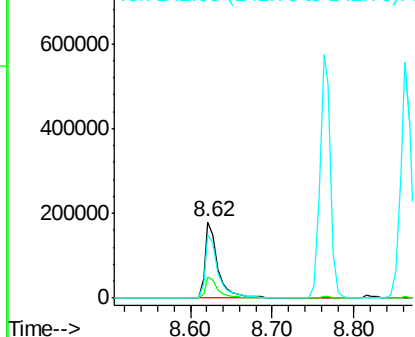


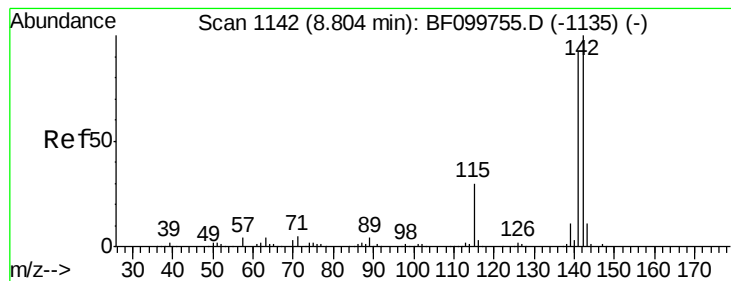
#36
 4-Chloro-3-methylphenol
 Concen: 36.404 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Tgt Ion: 107 Resp: 196303
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.5 30.7
 142 83.2 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





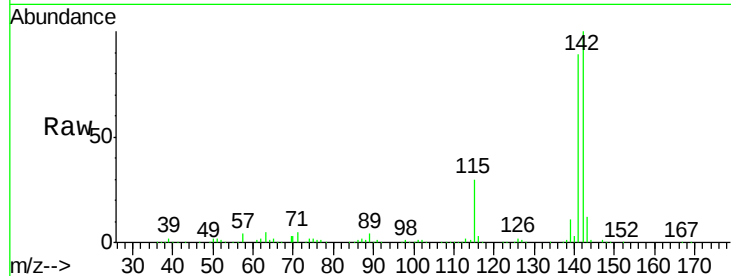
#37
2-Methylnaphthalene
Concen: 41.667 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

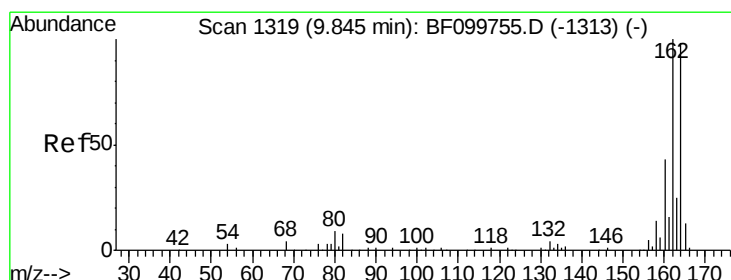
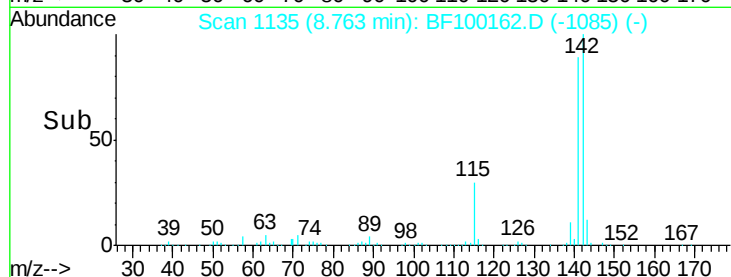
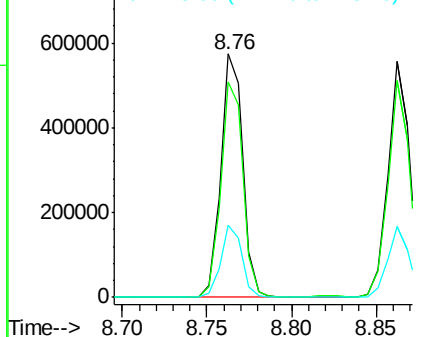
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	29.8	26.1	39.1

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM

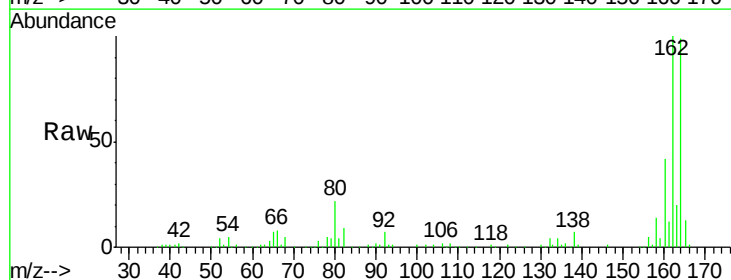


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

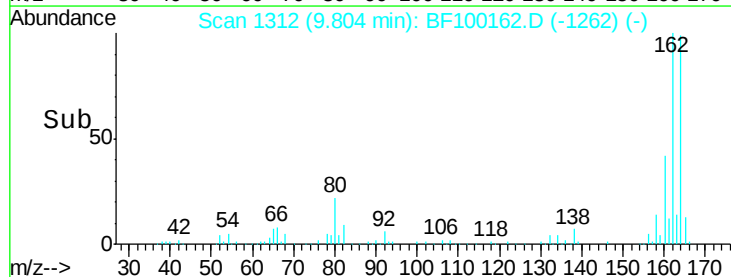
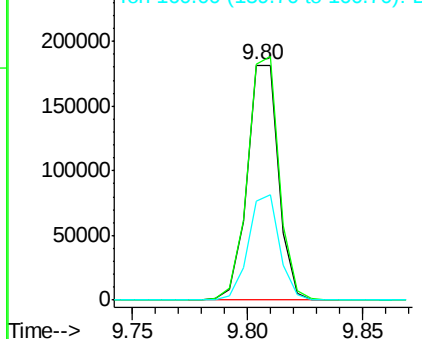


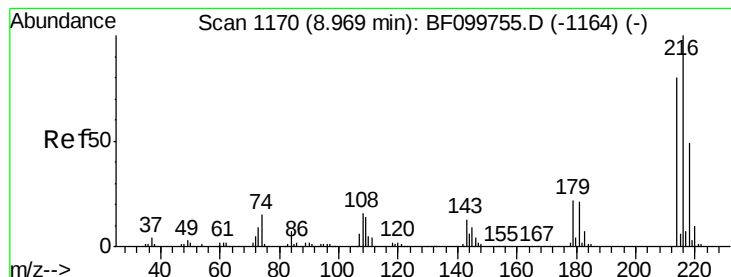
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	42.4	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.914 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

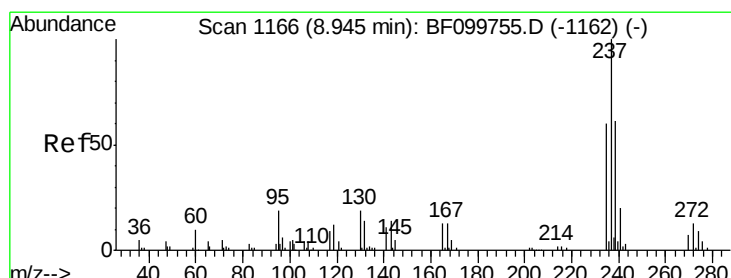
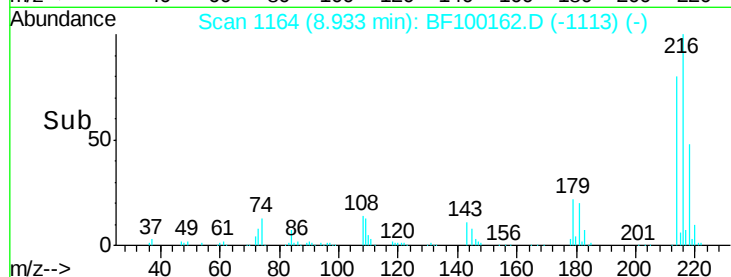
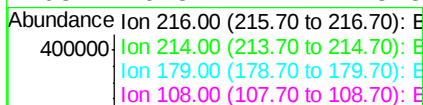
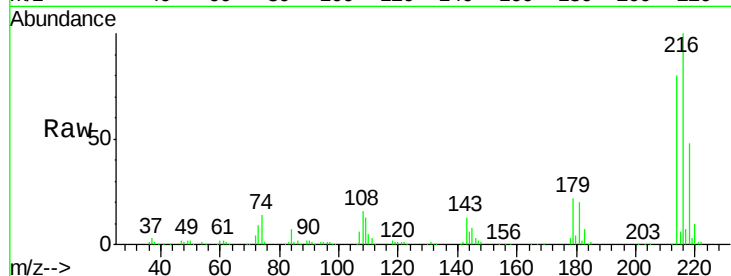
ClientSampleId :

RLF-SW-6MSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.8	18.1	27.1
108	16.8	17.2	25.8

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM



#40

Hexachlorocyclopentadiene

Concen: 26.943 ng

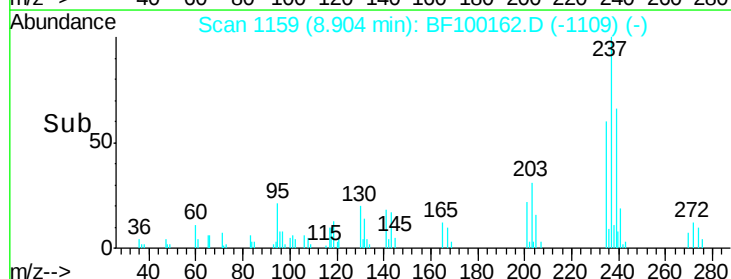
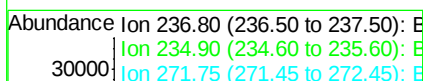
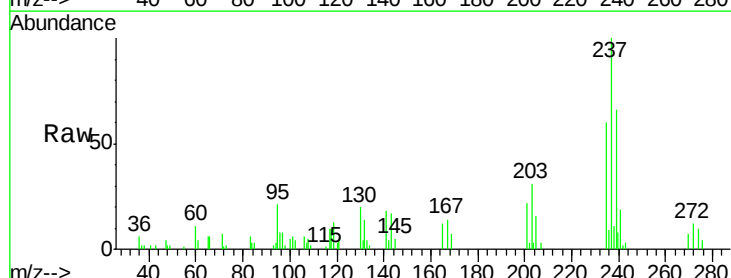
RT: 8.90 min Scan# 1159

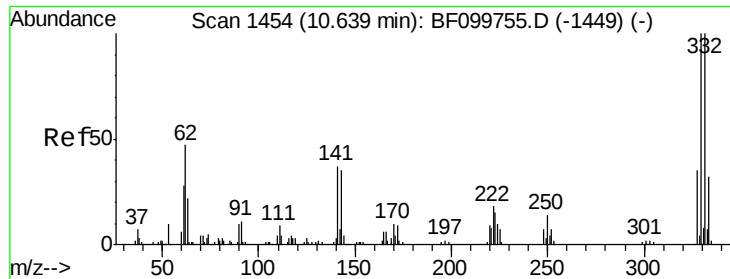
Delta R.T. -0.01 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Lower	Upper
237	100		
235	59.5	44.8	84.8
272	11.7	0.0	33.3





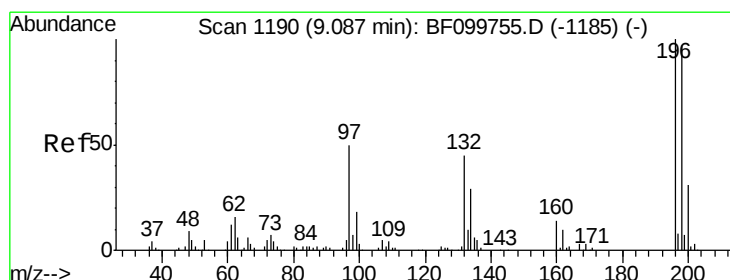
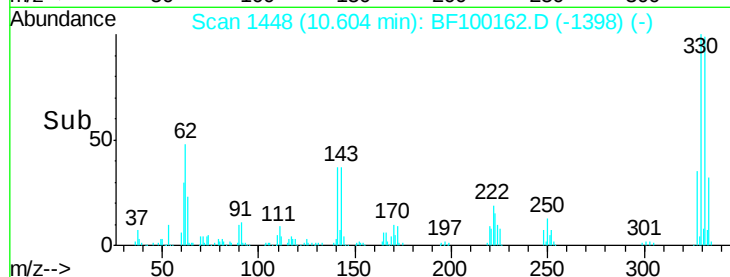
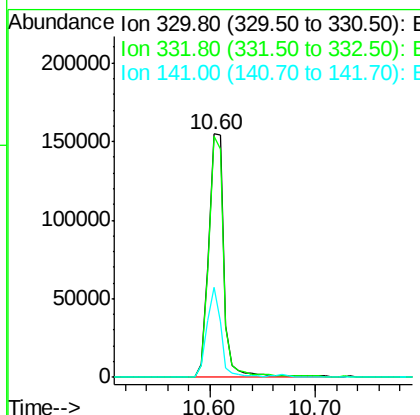
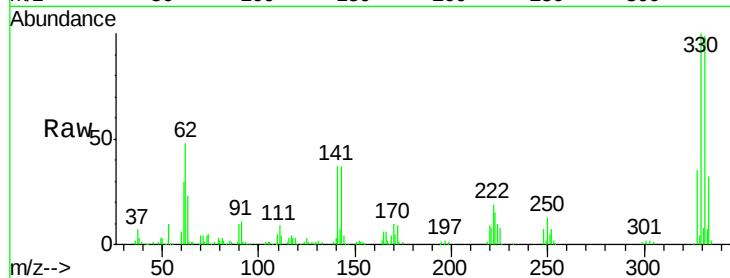
#41
 2,4,6-Tribromophenol
 Concen: 101.065 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	159636		
332	96.4	77.0	115.6	
141	33.2	29.9	44.9	

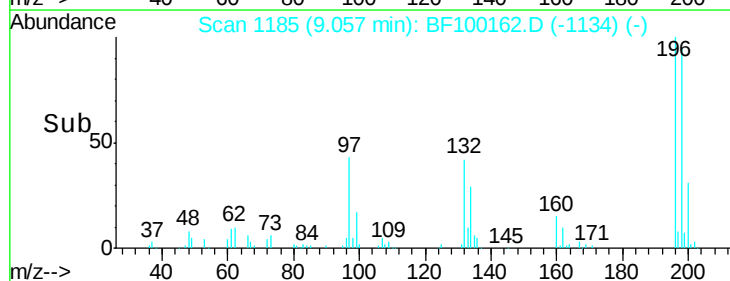
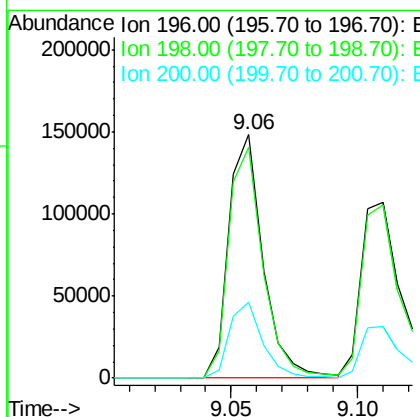
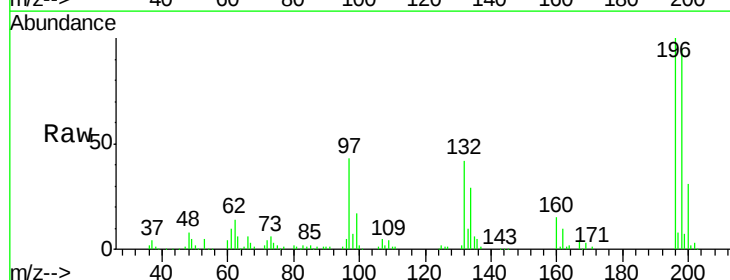
Manual Integrations
 APPROVED

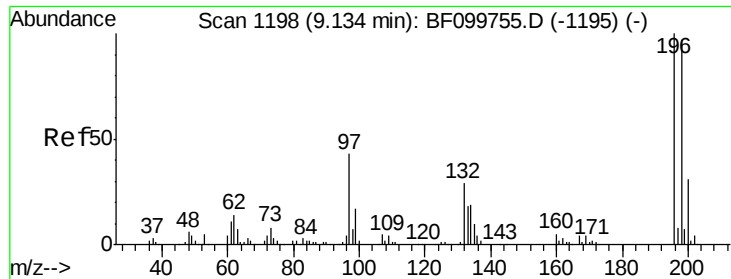
Sohil
 11/4/2017 2:19:15 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.220 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139575		
198	94.8	75.7	113.5	
200	31.1	24.5	36.7	





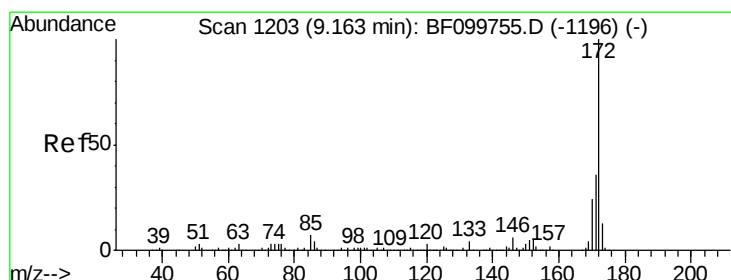
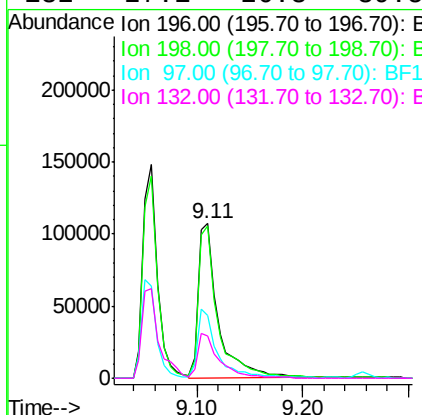
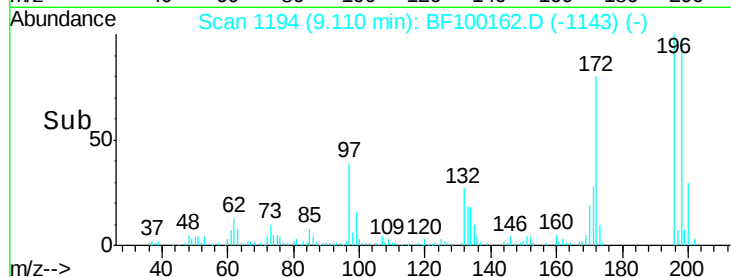
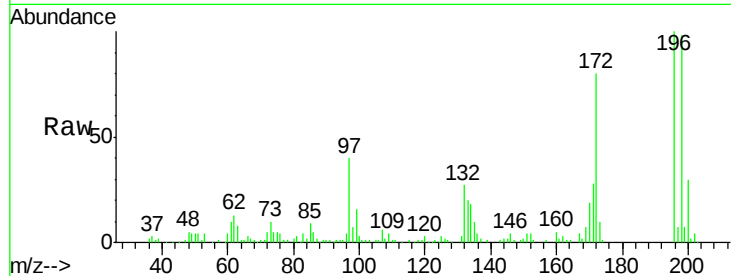
#43
 2,4,5-Trichlorophenol
 Concen: 38.477 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	98.2	74.6	112.0
97	40.4	42.9	64.3
132	27.1	26.3	39.5

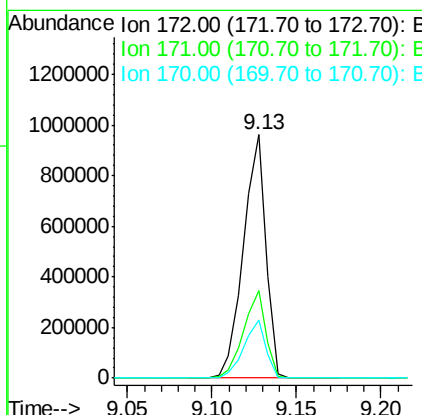
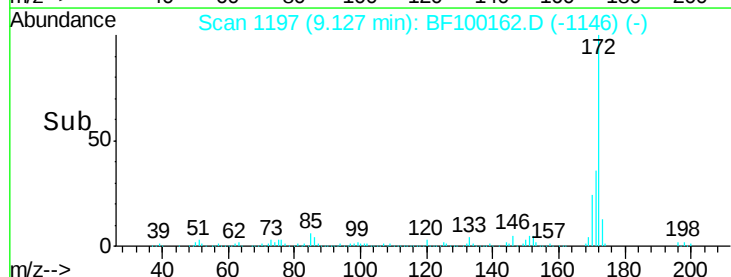
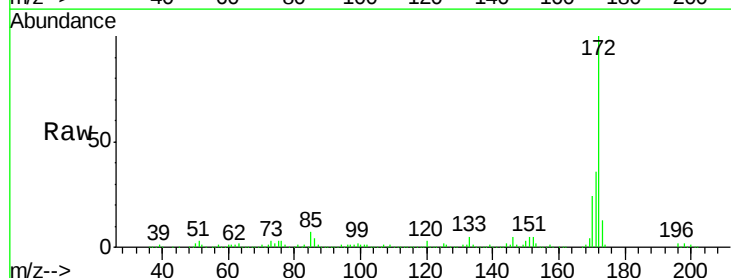
Manual Integrations
 APPROVED

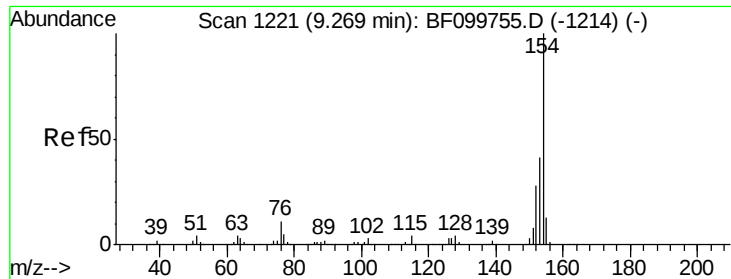
Sohil
 11/4/2017 2:19:15 PM



#44
 2-Fluorobiphenyl
 Concen: 79.836 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.0	29.7	44.5
170	23.6	19.6	29.4





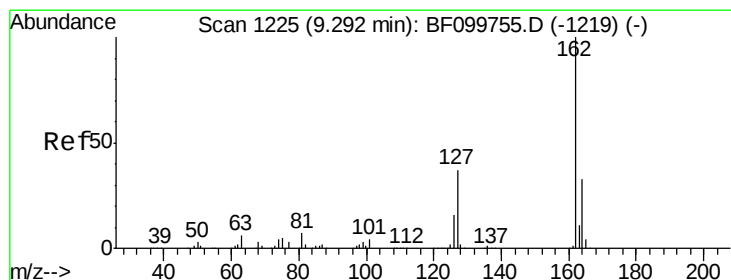
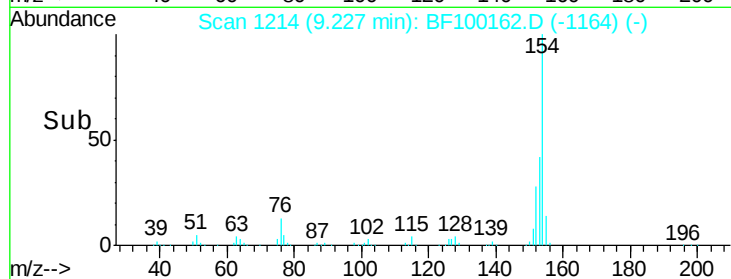
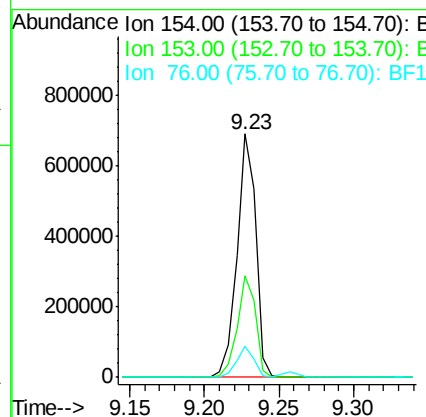
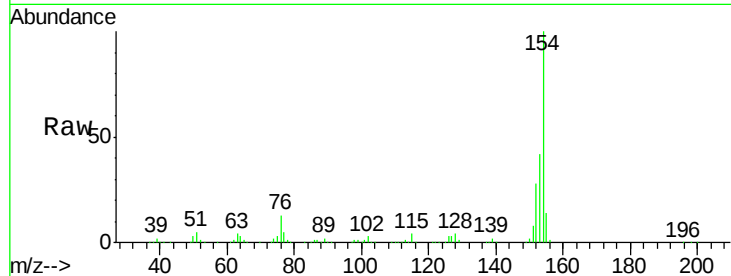
#45
 1,1'-Biphenyl
 Concen: 39.327 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.7	21.3	61.3
76	12.6	0.0	34.0

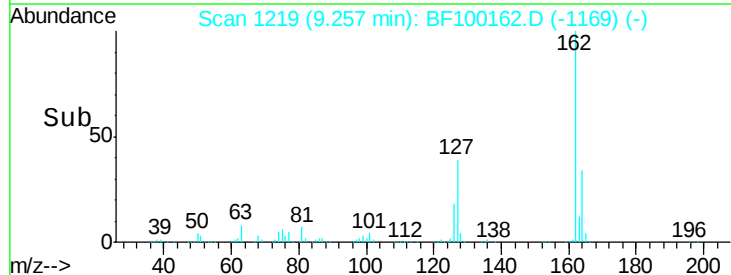
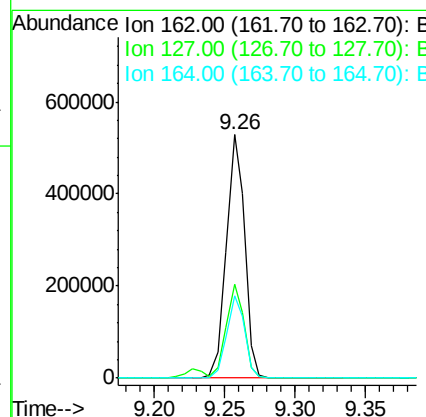
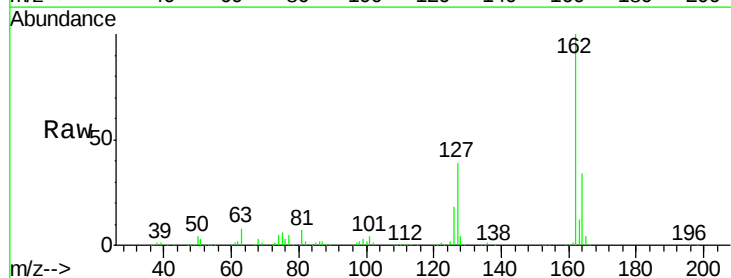
Manual Integrations
 APPROVED

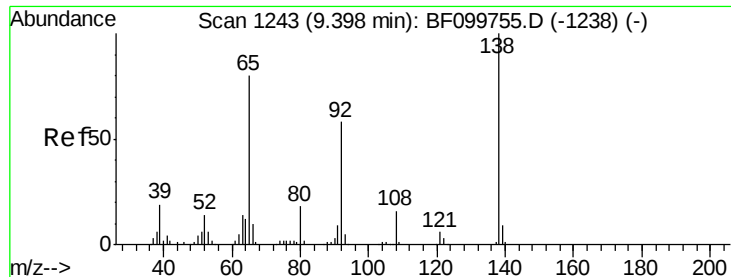
Sohil
 11/4/2017 2:19:15 PM



#46
 2-Chloronaphthalene
 Concen: 41.911 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	38.7	33.9	50.9
164	33.8	26.5	39.7





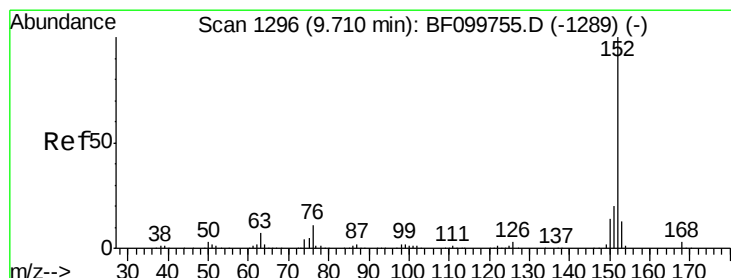
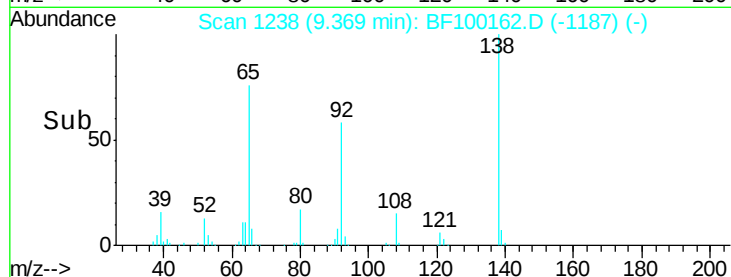
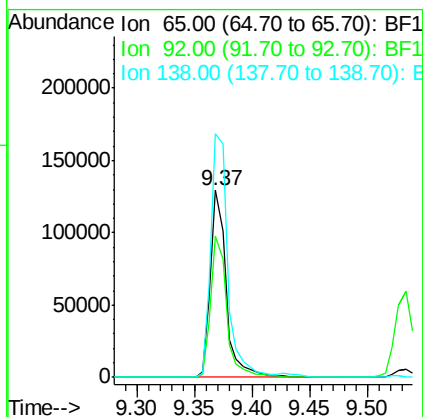
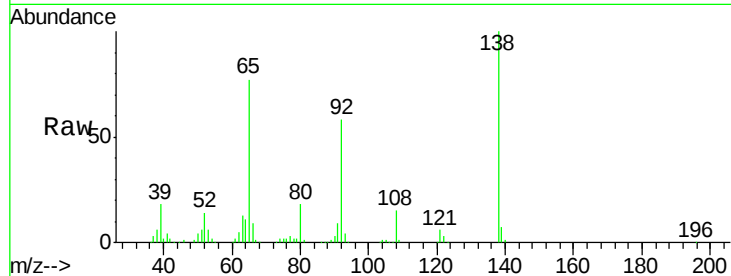
#47
2-Nitroaniline
Concen: 41.405 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion: 65 Resp: 123745
Ion Ratio Lower Upper
65 100
92 75.3 55.8 83.6
138 130.0 91.2 136.8

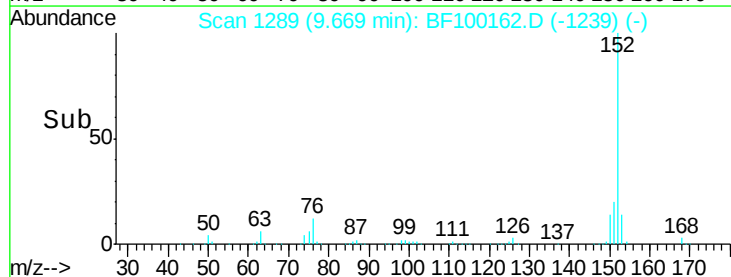
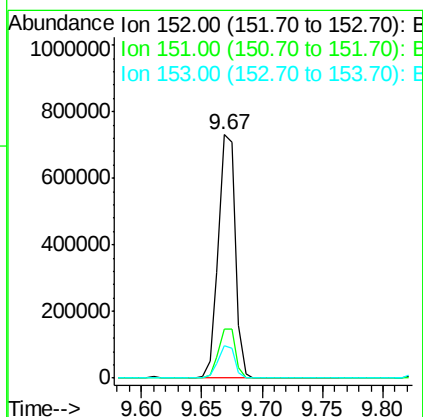
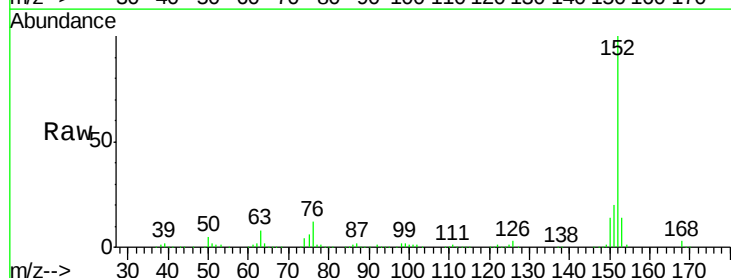
Manual Integrations
APPROVED

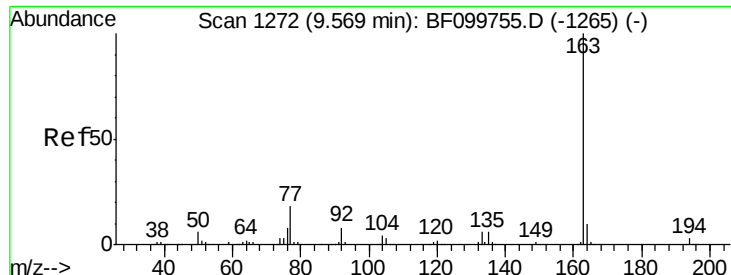
Sohil
11/4/2017 2:19:15 PM



#48
Acenaphthylene
Concen: 40.118 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion: 152 Resp: 703622
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.5 10.7 16.1





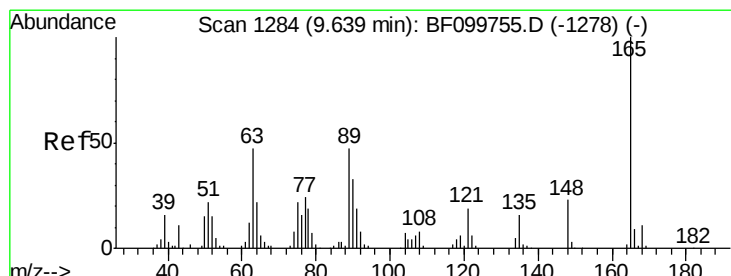
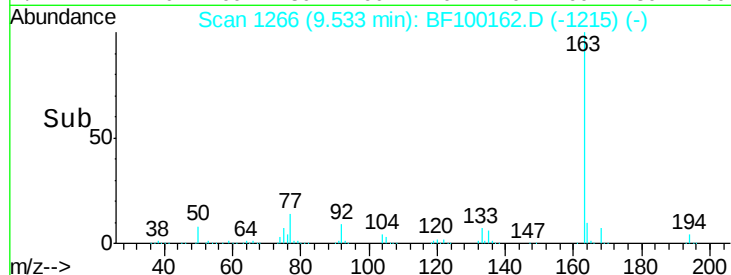
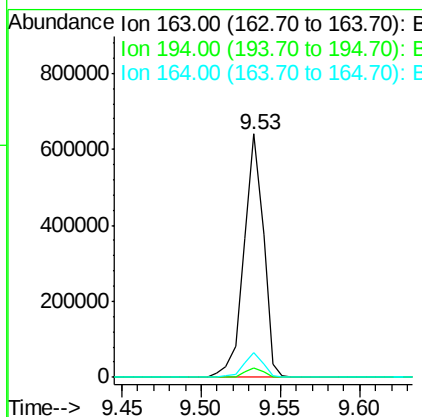
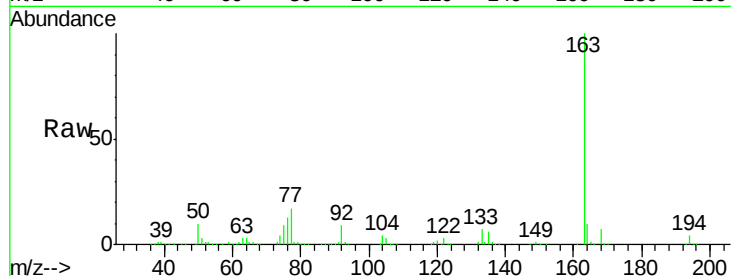
#49
Dimethylphthalate
Concen: 39.754 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2

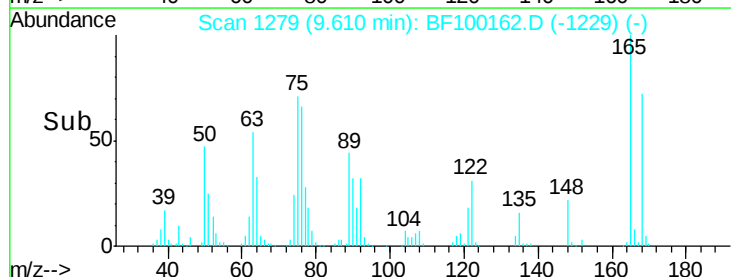
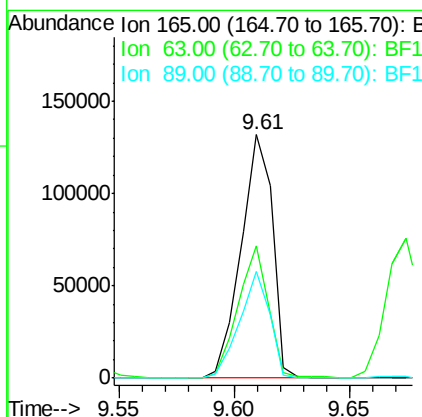
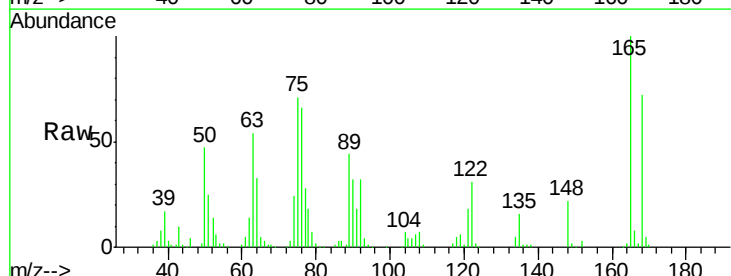
Manual Integrations
APPROVED

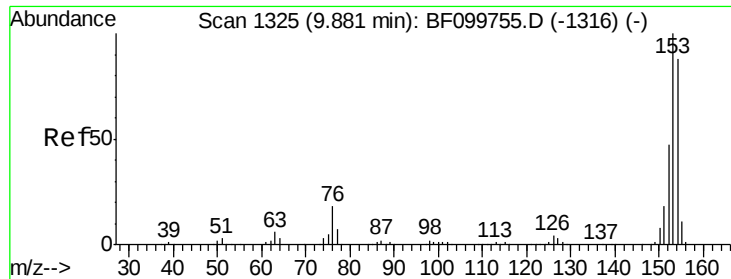
Sohil
11/4/2017 2:19:15 PM



#50
2,6-Dinitrotoluene
Concen: 43.502 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.4	44.7	67.1
89	43.8	44.0	66.0





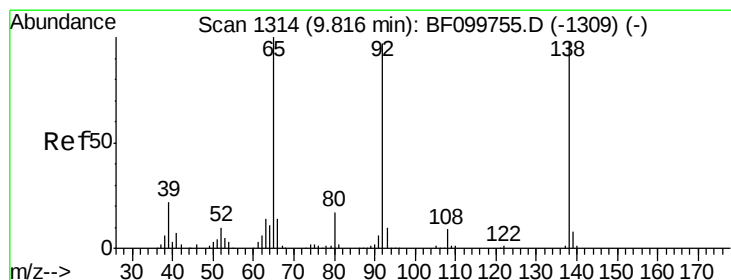
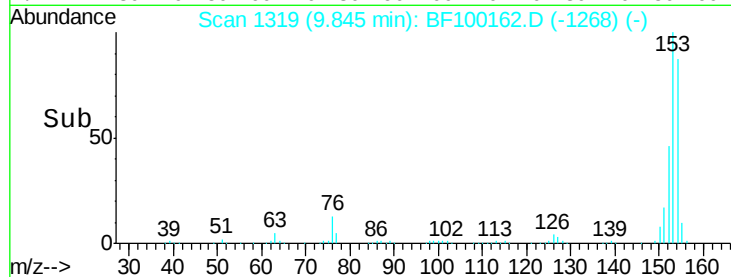
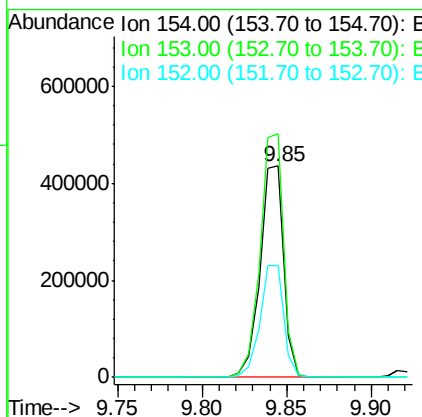
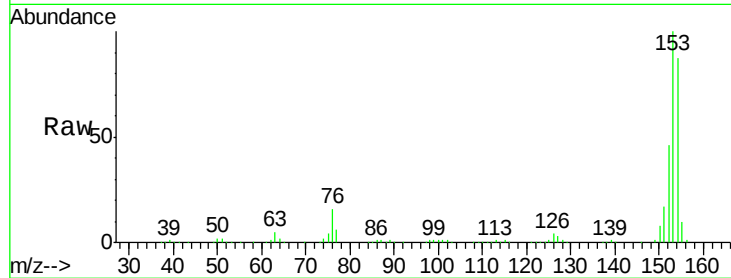
#51
Acenaphthene
Concen: 39.461 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	422886		
153	115.3	91.2	136.8	
152	52.9	43.8	65.8	

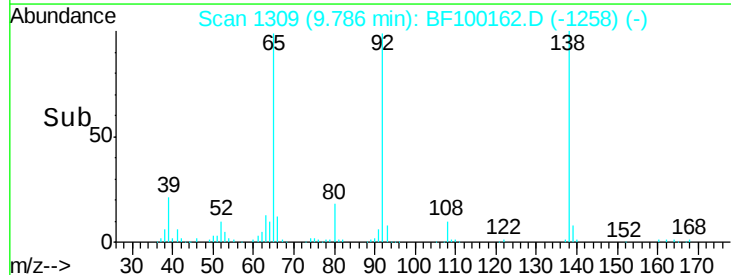
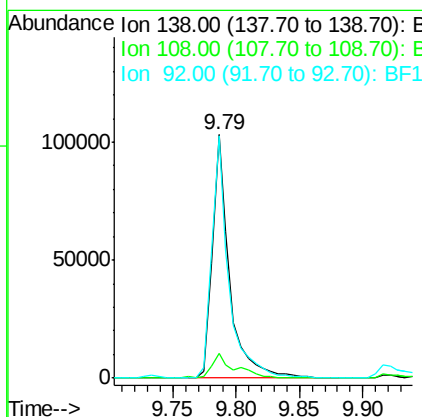
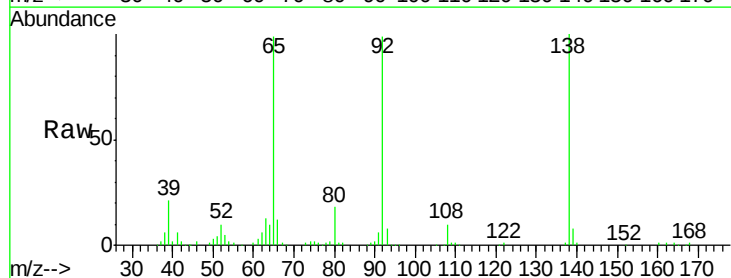
Manual Integrations
APPROVED

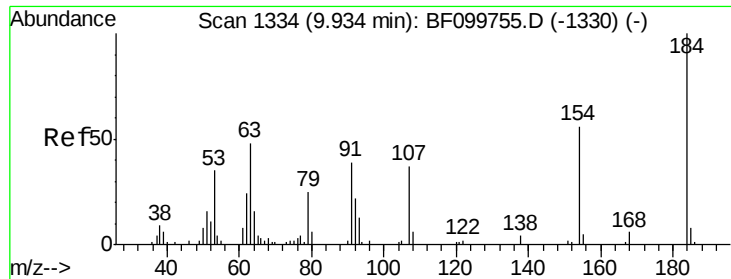
Sohil
11/4/2017 2:19:15 PM



#52
3-Nitroaniline
Concen: 29.126 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	99029		
108	10.0	9.4	14.0	
92	99.4	89.4	134.2	





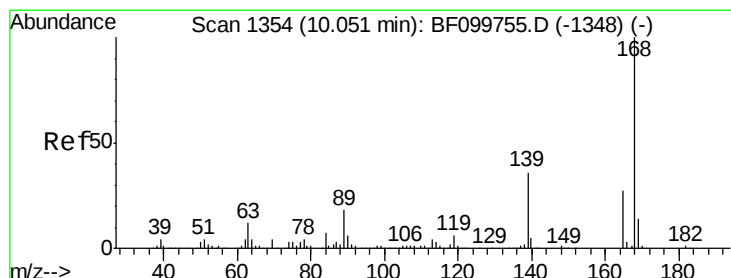
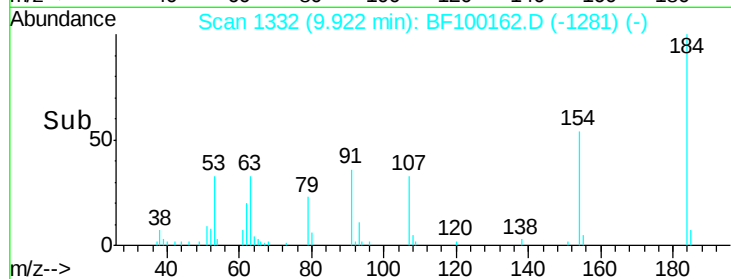
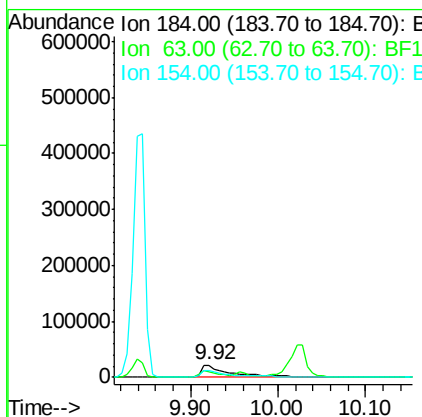
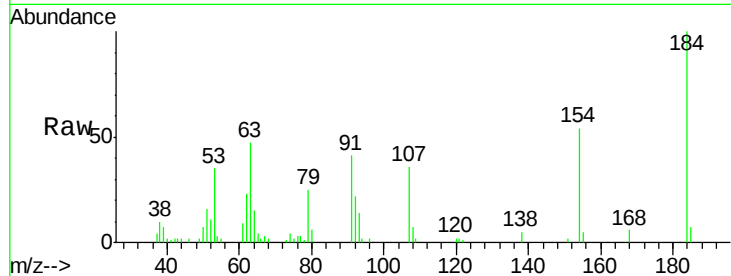
#53
 2,4-Dinitrophenol
 Concen: 49.235 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	53372		
63	47.5	54.2	81.2#	
154	53.8	53.5	80.3	

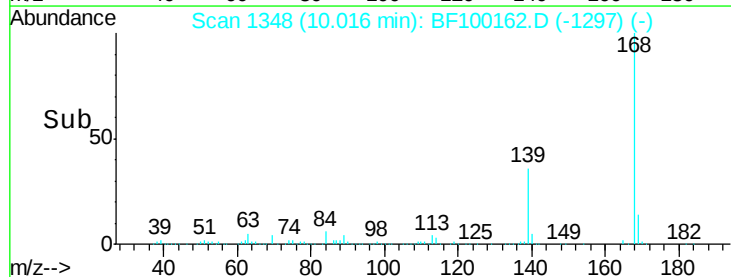
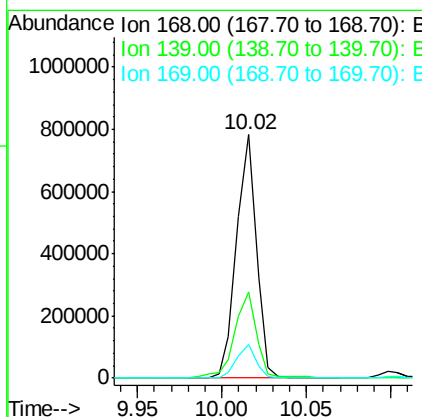
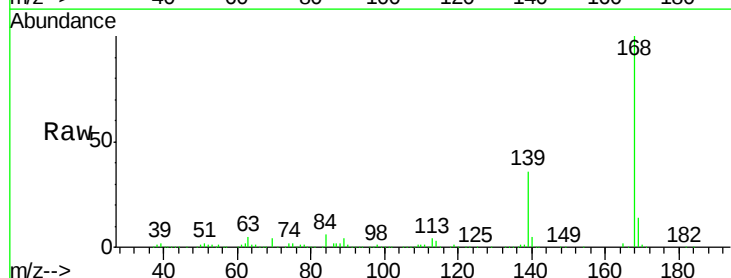
Manual Integrations
 APPROVED

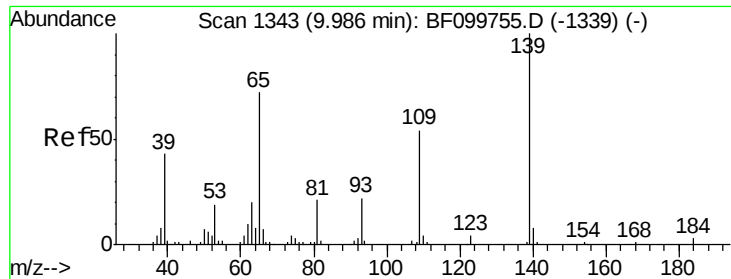
Sohil
 11/4/2017 2:19:15 PM



#54
 Dibenzofuran
 Concen: 42.348 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	640599		
139	35.5	30.1	45.1	
169	13.6	10.9	16.3	





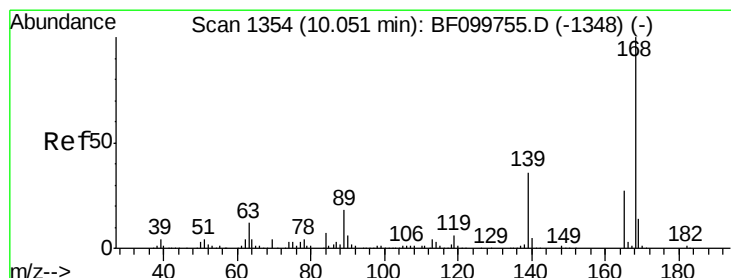
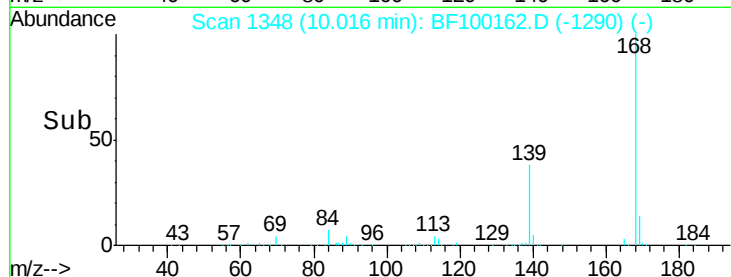
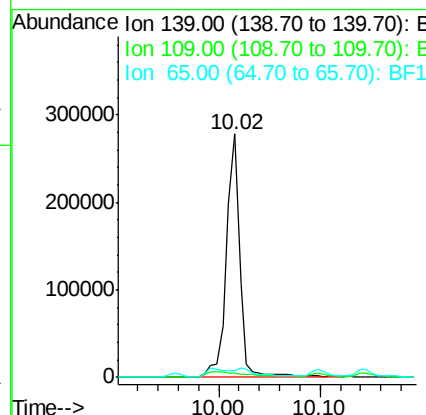
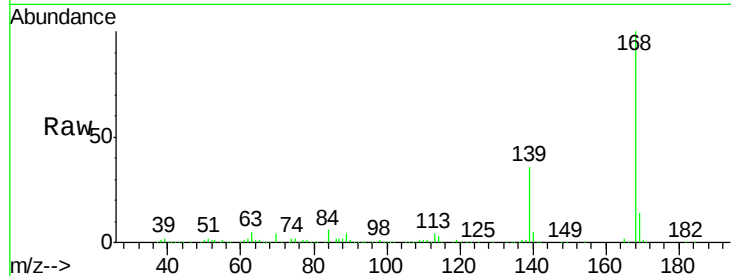
#55
4-Nitrophenol
Concen: 146.206 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.04 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	259732		
109	1.9	48.4	88.4#	
65	2.9	72.6	112.6#	

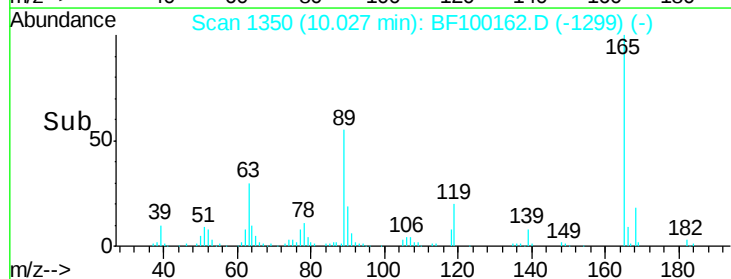
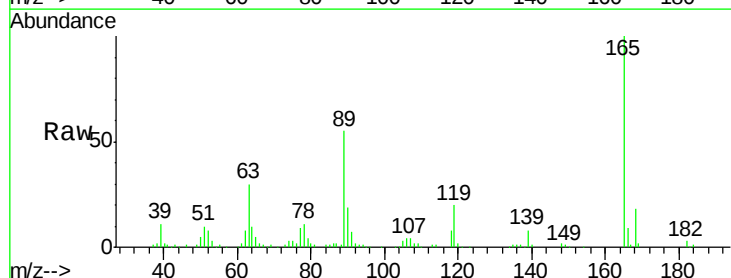
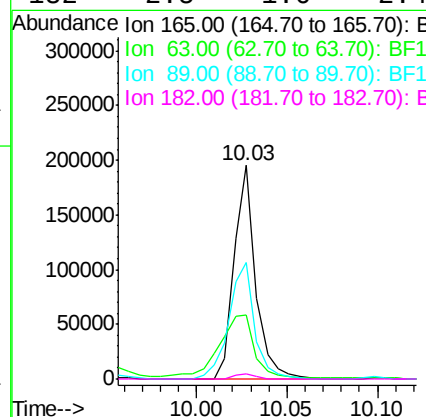
Manual Integrations
APPROVED

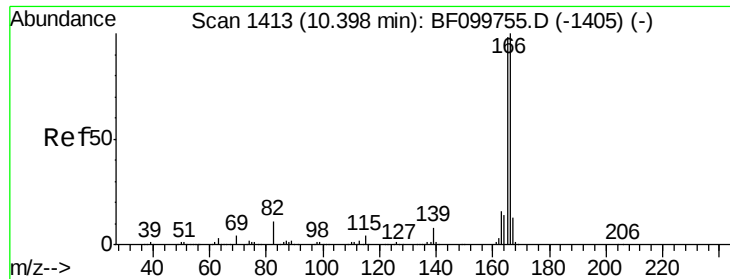
Sohil
11/4/2017 2:19:15 PM



#56
2,4-Dinitrotoluene
Concen: 46.544 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	161741		
63	29.8	36.4	54.6#	
89	54.7	57.8	86.6#	
182	2.5	1.6	2.4#	





#57

Fluorene

Concen: 39.957 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

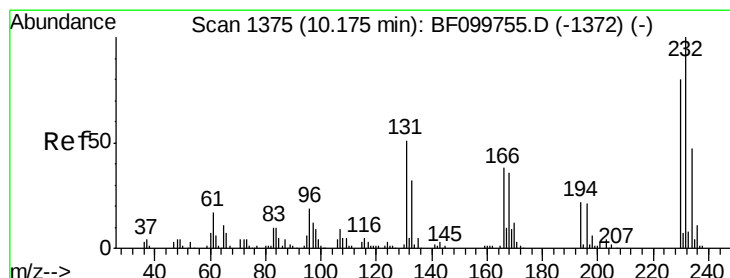
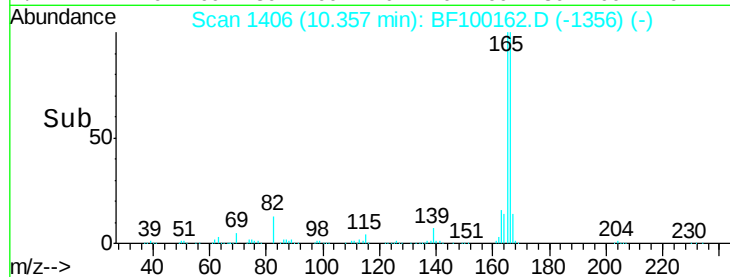
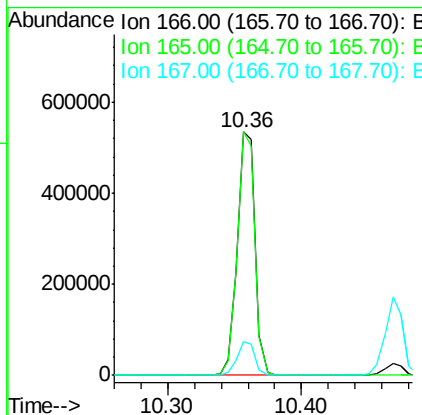
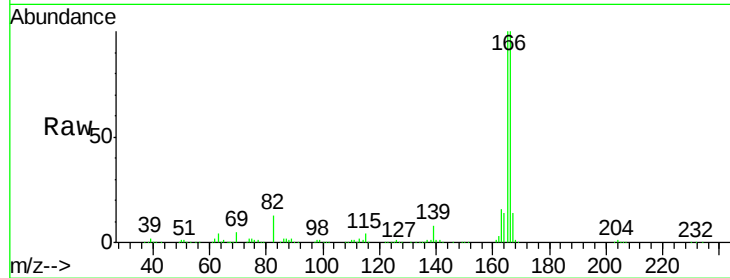
ClientSampleId :

RLF-SW-6MSD

Tgt Ion:	166	Resp:	500453
Ion Ratio	Lower	Upper	
166	100		
165	100.1	79.8	119.8
167	14.0	10.6	16.0

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.689 ng

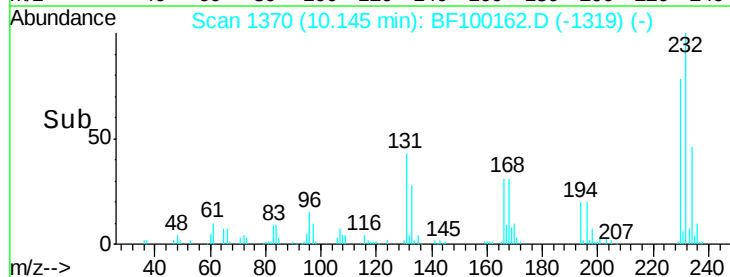
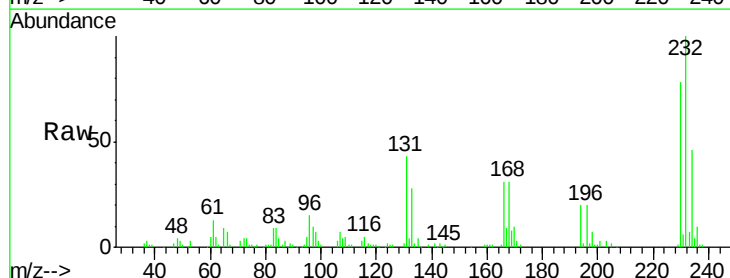
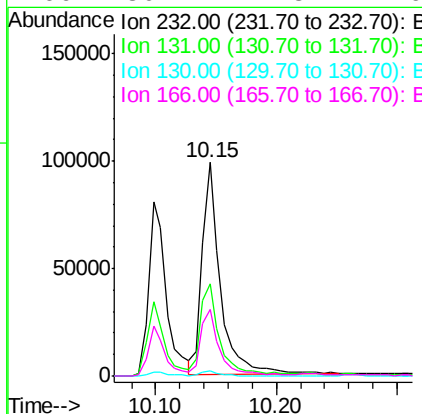
RT: 10.15 min Scan# 1370

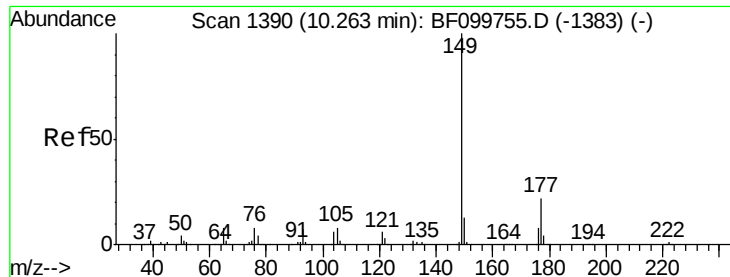
Delta R.T. -0.00 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Tgt Ion:	232	Resp:	105030
Ion Ratio	Lower	Upper	
232	100		
131	43.5	43.8	65.8#
130	2.2	2.1	3.1
166	30.4	27.8	41.6





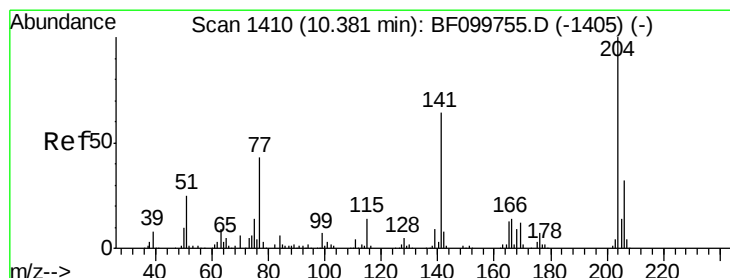
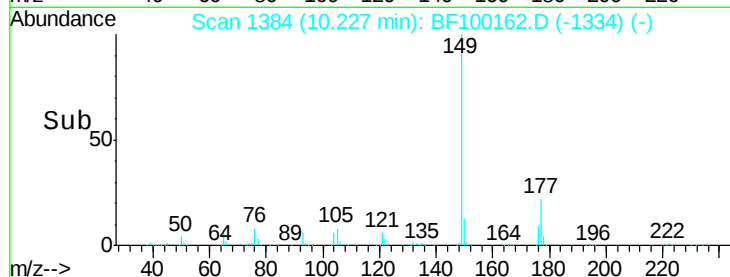
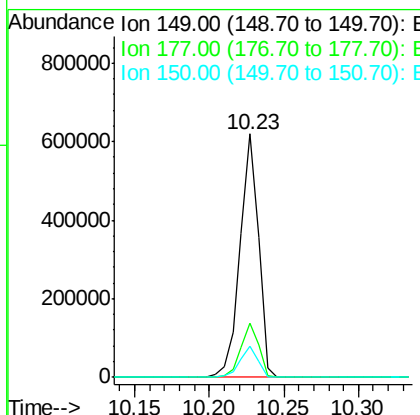
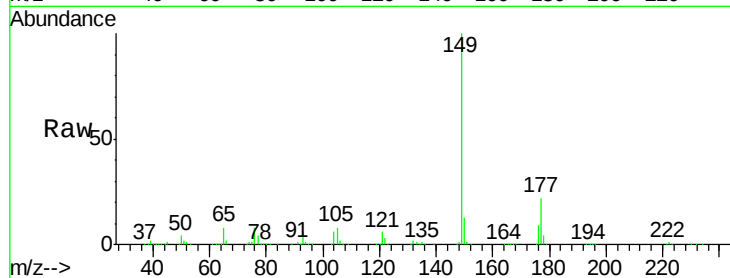
#59
Diethylphthalate
Concen: 39.962 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	16.1	24.1
150	12.7	10.1	15.1

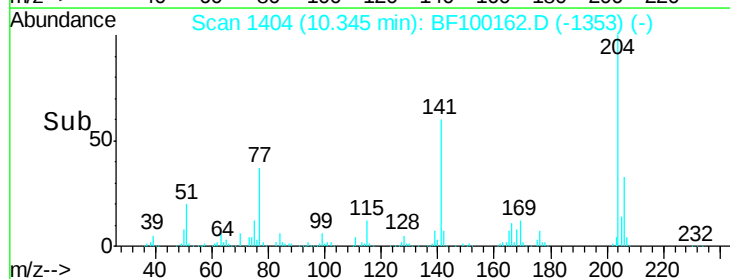
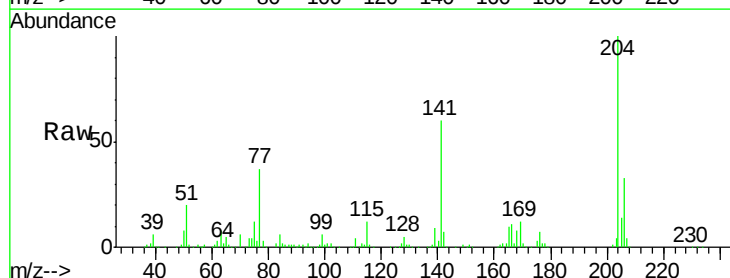
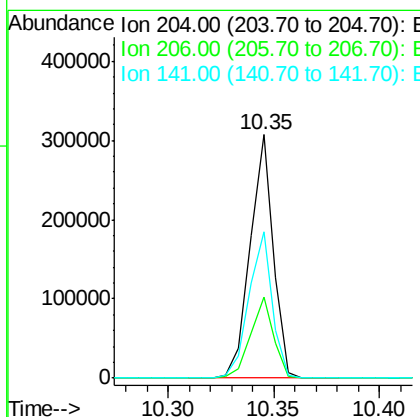
Manual Integrations
APPROVED

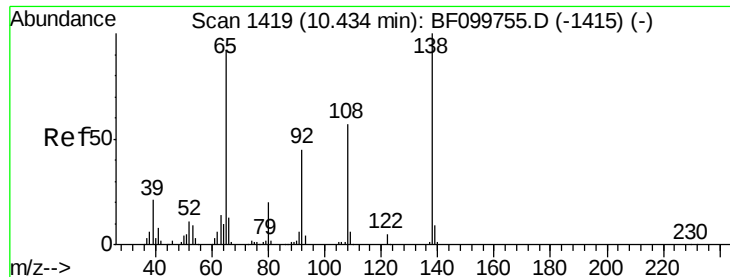
Sohil
11/4/2017 2:19:15 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.896 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	60.1	54.6	81.8





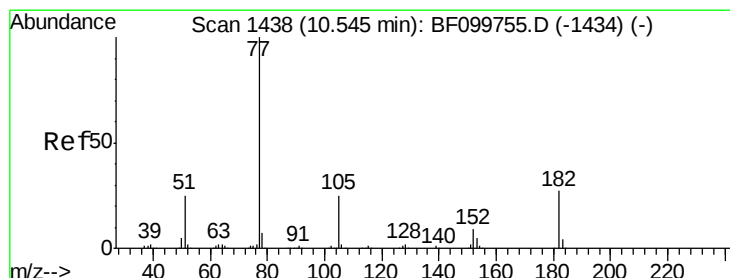
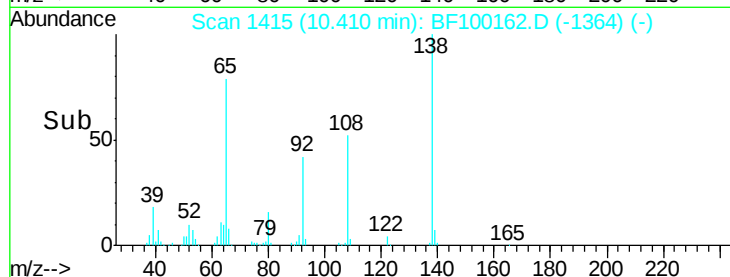
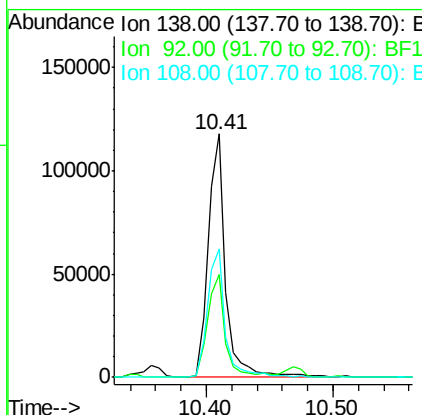
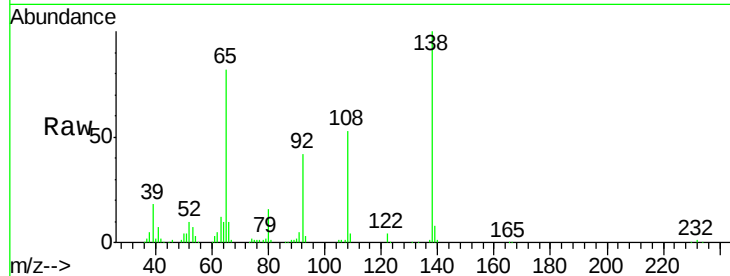
#61
4-Nitroaniline
Concen: 34.942 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.5	30.2	70.2
108	52.8	52.5	92.5

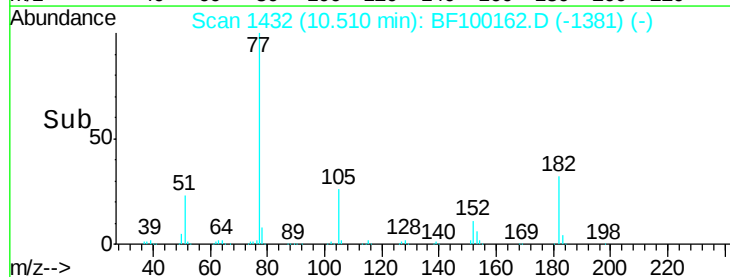
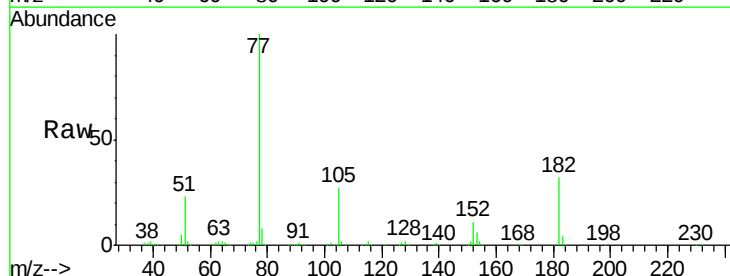
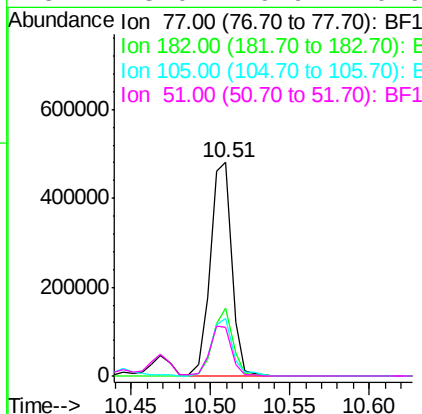
Manual Integrations
APPROVED

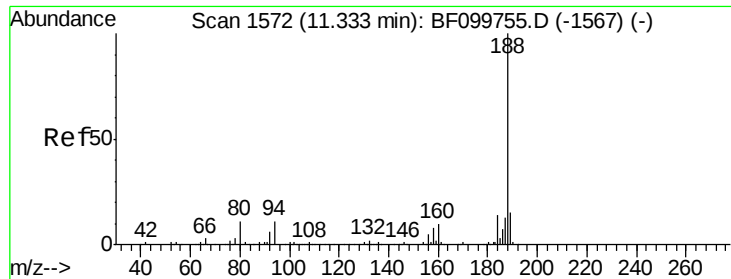
Sohil
11/4/2017 2:19:15 PM



#62
Azobenzene
Concen: 40.445 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.0	1.7	41.7
105	26.9	3.0	43.0
51	23.0	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: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

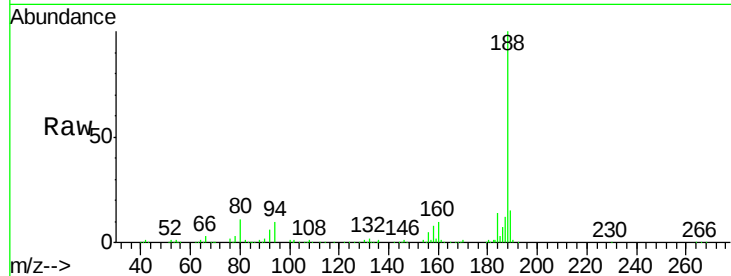
ClientSampleId :

RLF-SW-6MSD

Tgt Ion:	188	Resp:	279603
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.5	12.7
80	11.0	9.2	13.8

Manual Integrations
APPROVED

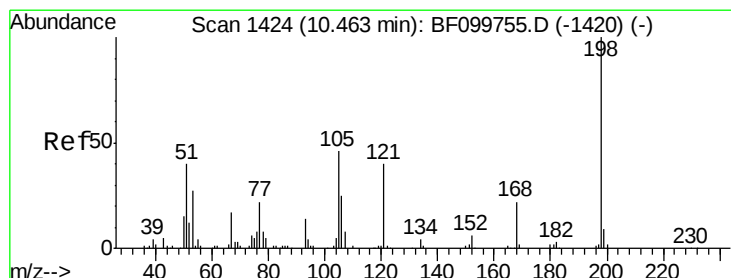
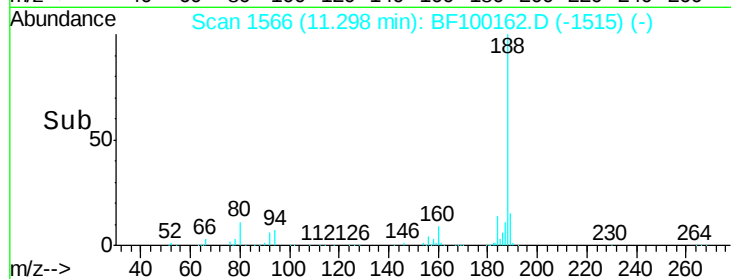
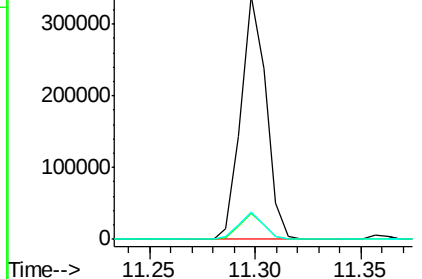
Sohil
11/4/2017 2:19:15 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 24.126 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF100162.D

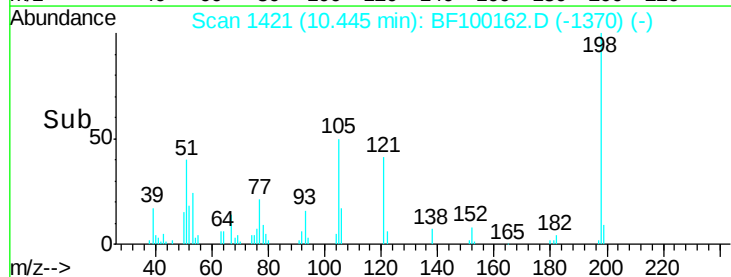
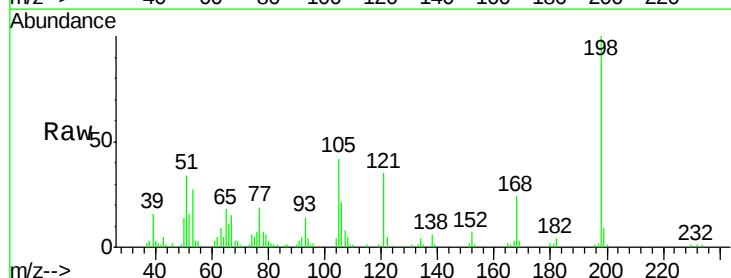
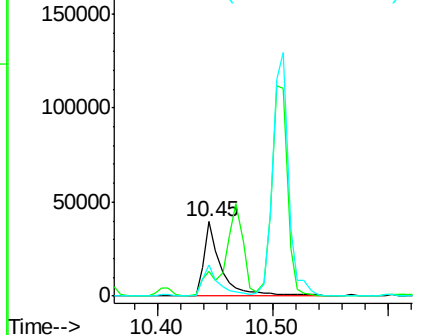
Acq: 4 Nov 2017 4:54

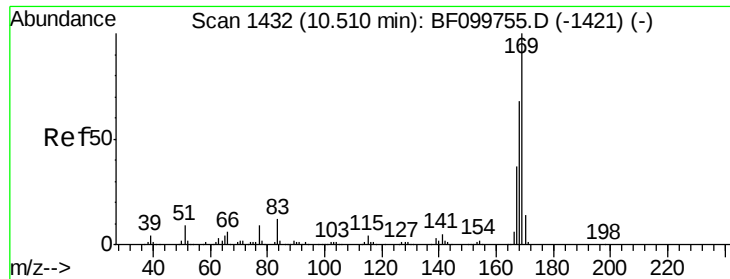
Tgt Ion:	198	Resp:	42403
Ion Ratio	Lower	Upper	
198	100		
51	33.5	37.7	77.7#
105	41.7	36.3	76.3

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





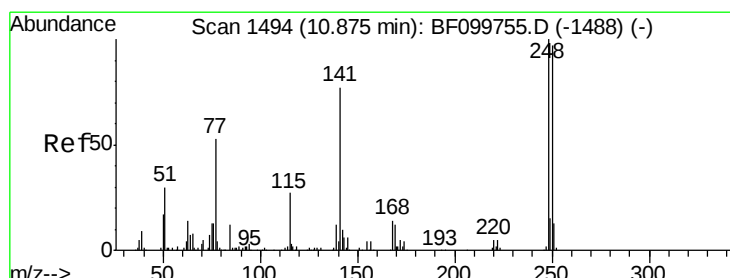
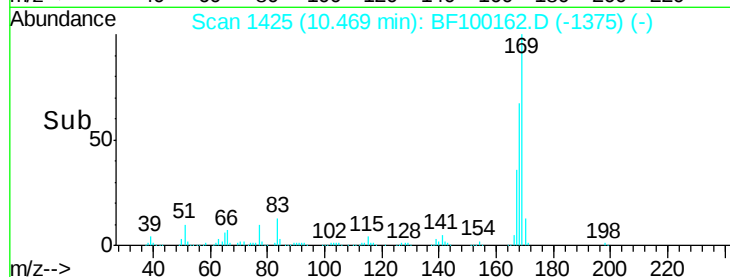
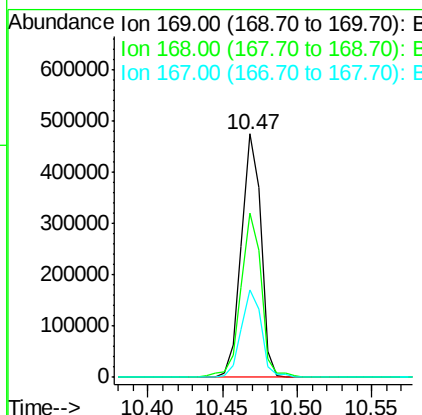
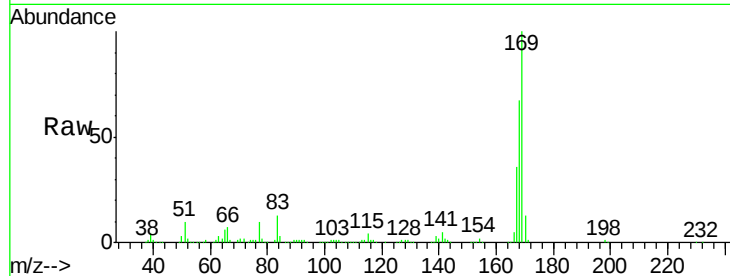
#65
n-Nitrosodiphenylamine
Concen: 42.271 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	436295		
168	67.5	54.4	81.6	
167	36.1	29.8	44.6	

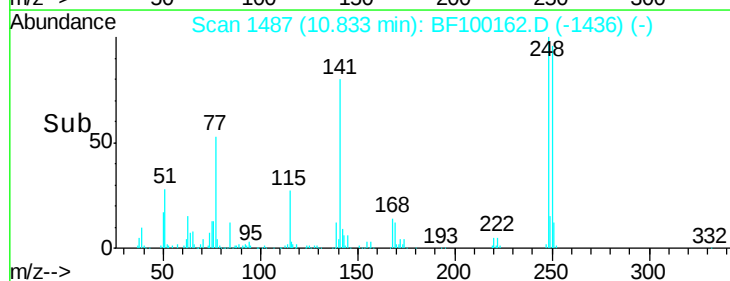
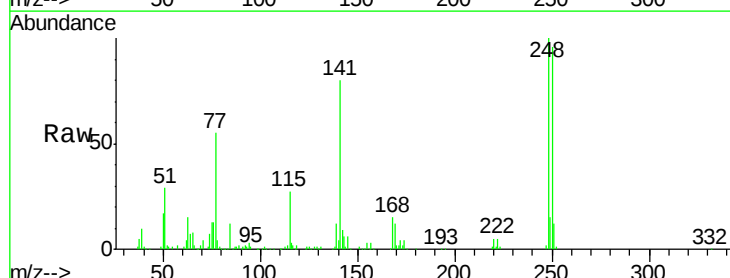
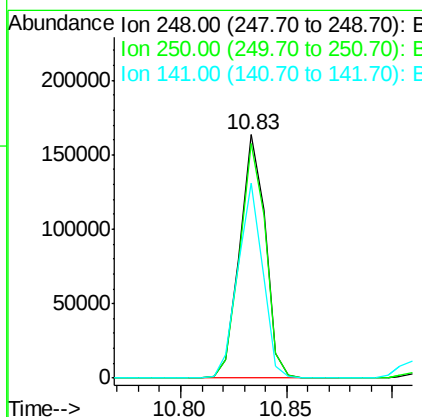
Manual Integrations
APPROVED

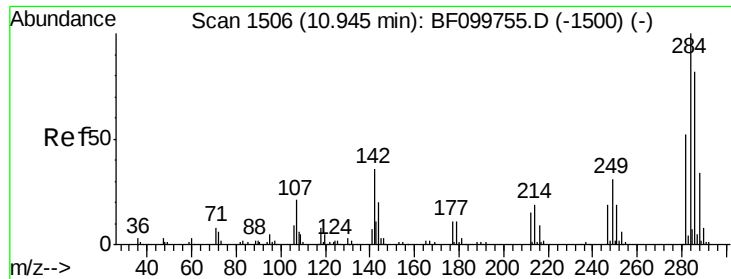
Sohil
11/4/2017 2:19:15 PM



#66
4-Bromophenyl-phenylether
Concen: 46.523 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	136942		
250	96.4	76.9	115.3	
141	79.9	74.4	111.6	





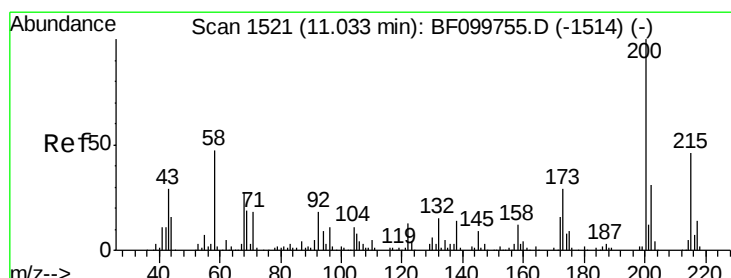
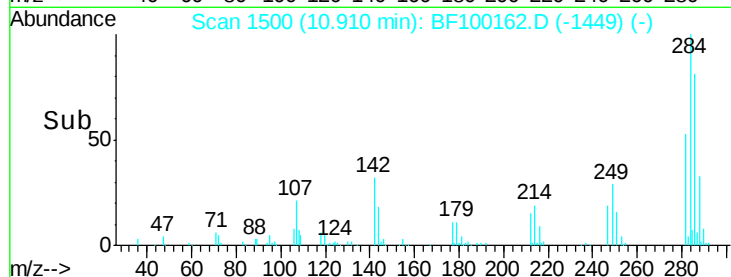
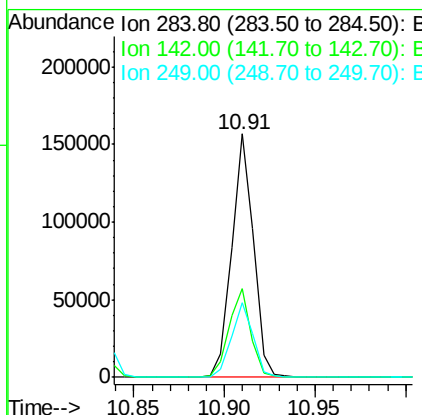
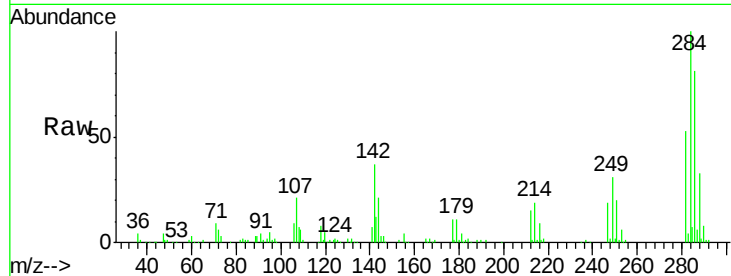
#67
Hexachlorobenzene
Concen: 43.447 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	130837		
142	36.7	34.6	52.0	
249	30.5	24.8	37.2	

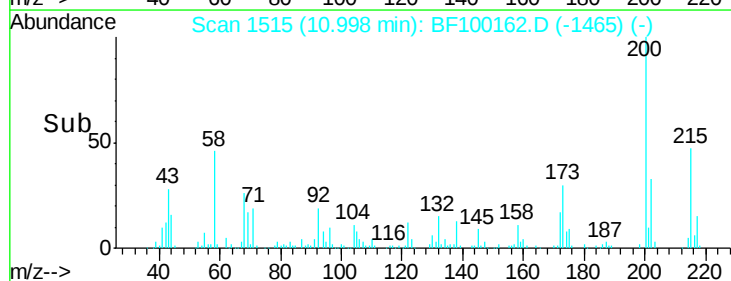
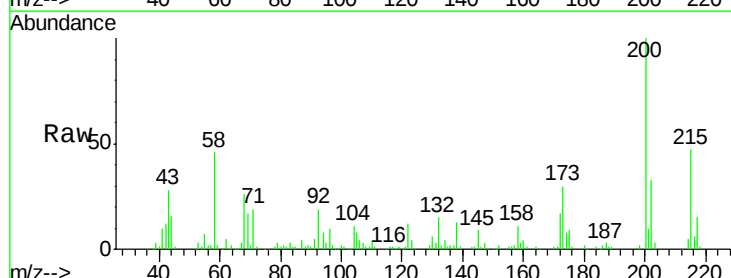
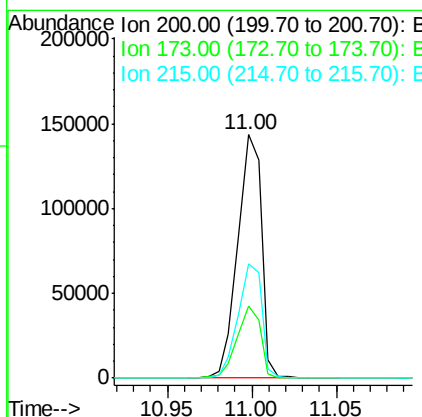
Manual Integrations
APPROVED

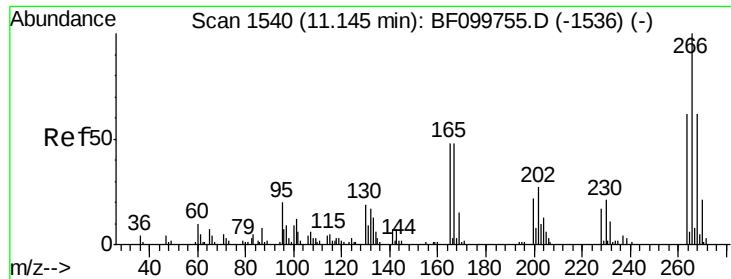
Sohil
11/4/2017 2:19:15 PM



#68
Atrazine
Concen: 45.498 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	141062		
173	29.7	8.6	48.6	
215	46.7	25.1	65.1	





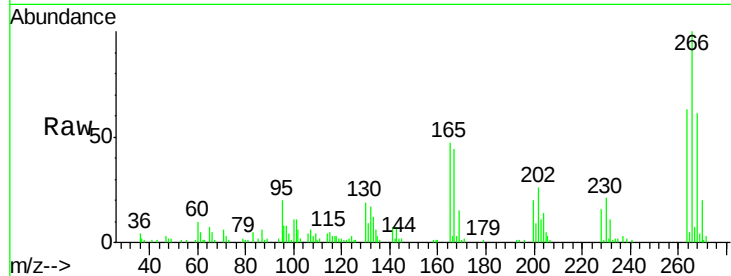
#69
 Pentachlorophenol
 Concen: 62.136 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

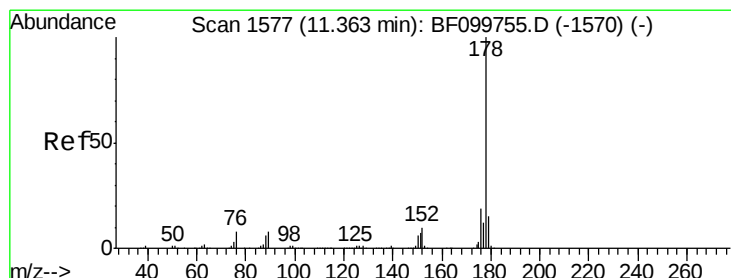
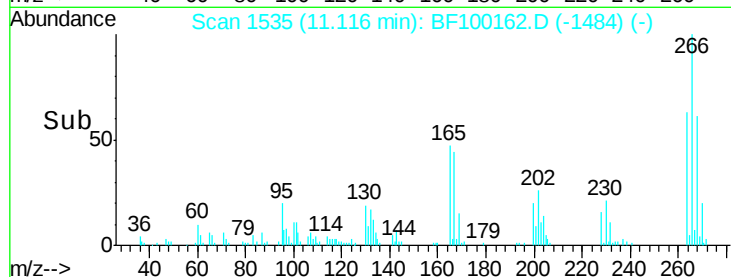
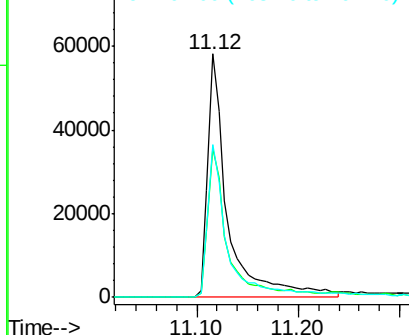
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	79955		
268	61.2	51.1	76.7	
264	62.9	49.5	74.3	

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:19:15 PM

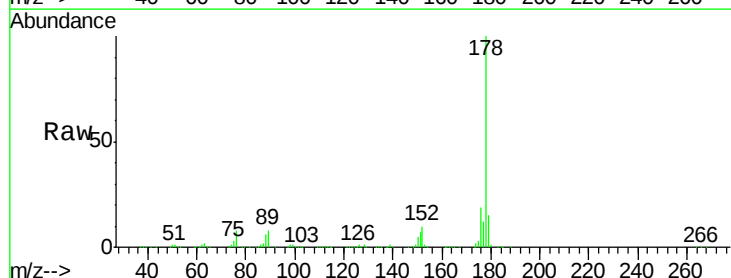


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

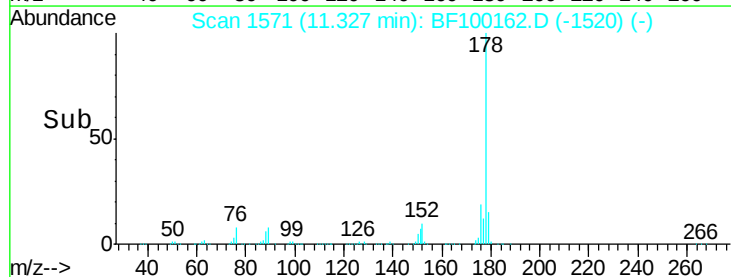
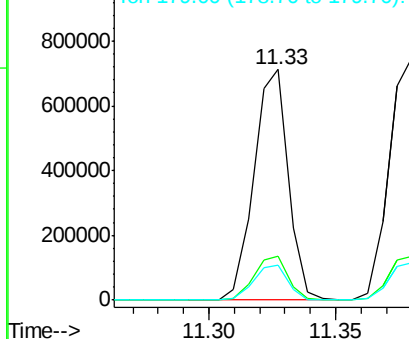


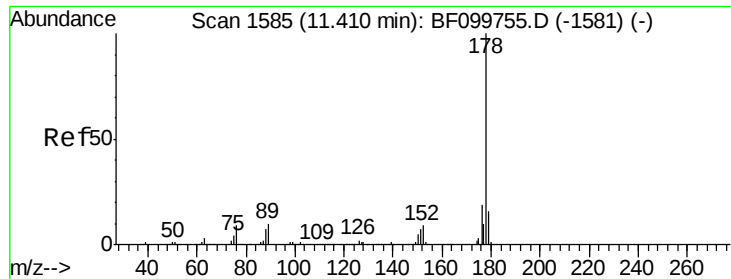
#70
 Phenanthrene
 Concen: 42.583 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	671936		
176	19.1	15.8	23.8	
179	15.2	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





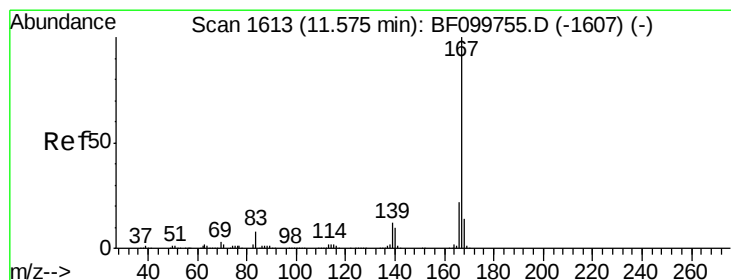
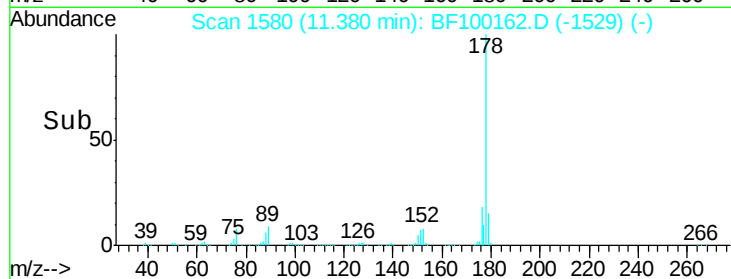
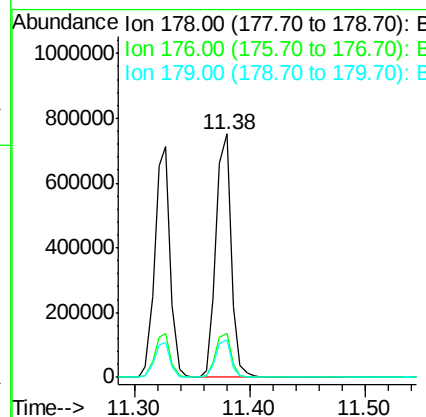
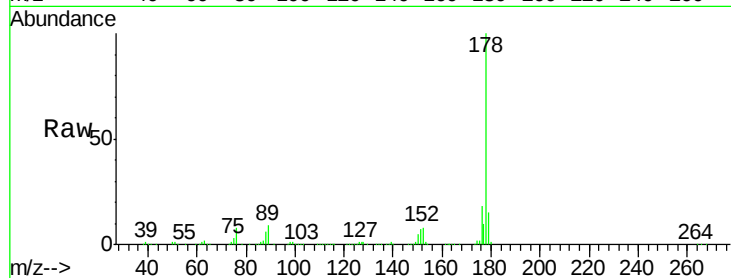
#71
 Anthracene
 Concen: 43.113 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.2	12.6	19.0

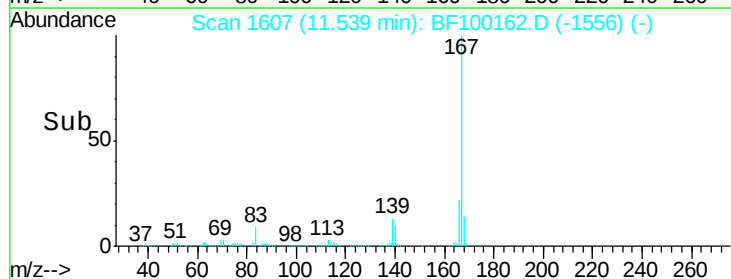
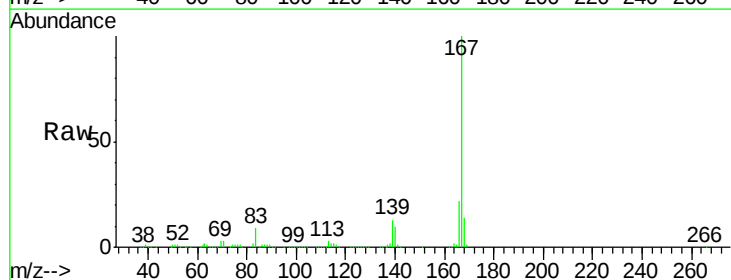
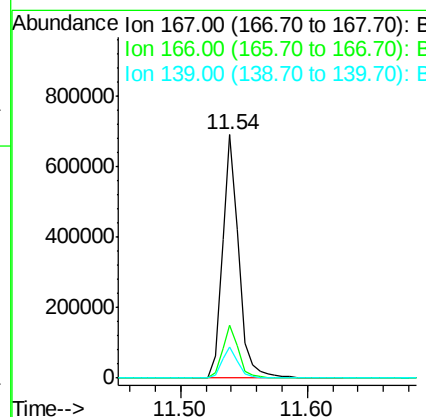
Manual Integrations
 APPROVED

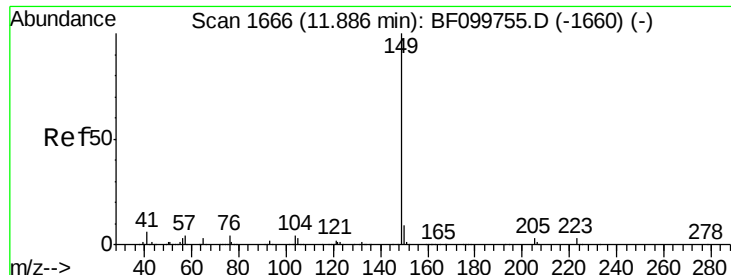
Sohil
 11/4/2017 2:19:15 PM



#72
 Carbazole
 Concen: 41.239 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.283 ng

RT: 11.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

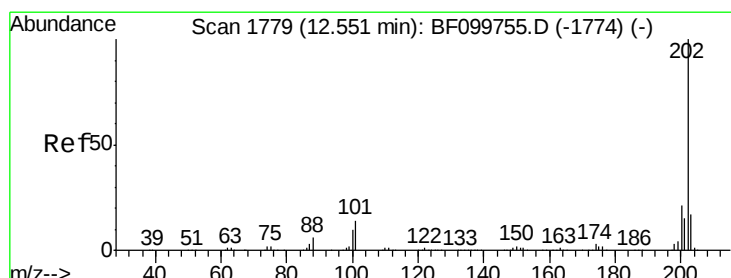
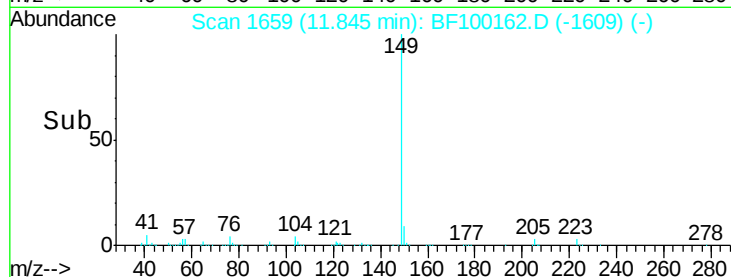
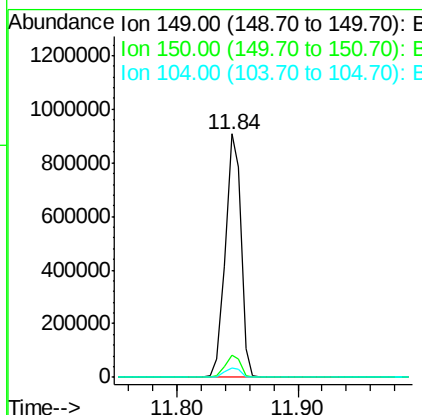
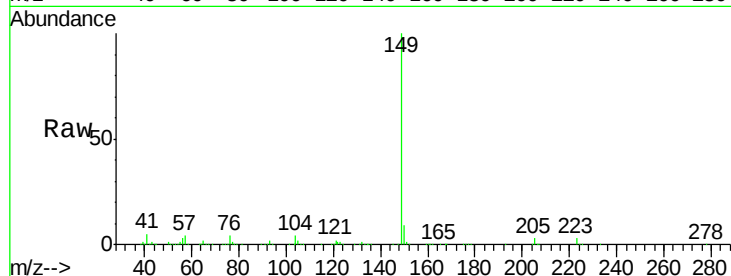
ClientSampleId :

RLF-SW-6MSD

Tgt Ion:	149	Resp:	812319
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.1	3.8	5.8

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM



#74

Fluoranthene

Concen: 36.237 ng

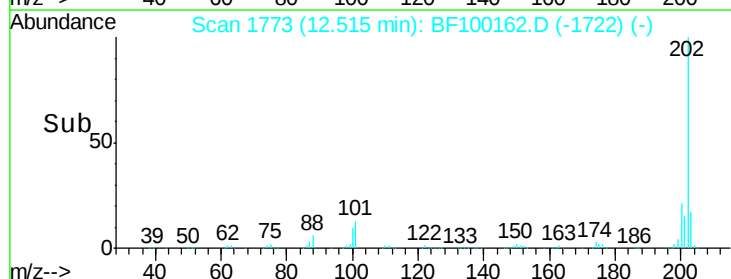
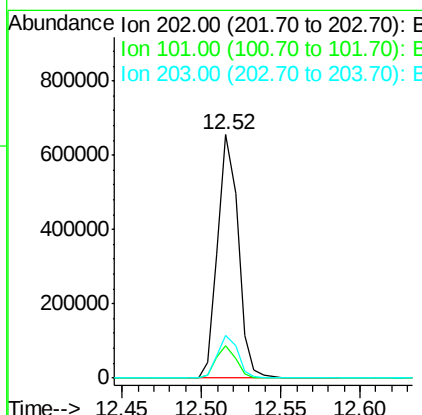
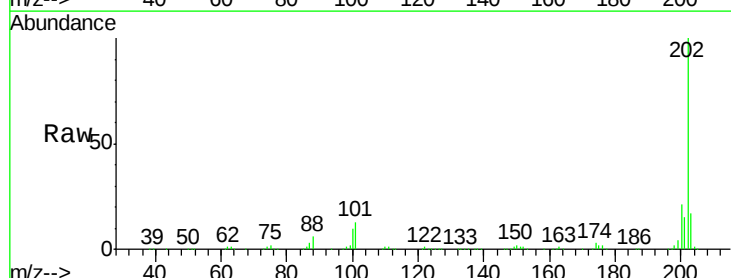
RT: 12.52 min Scan# 1773

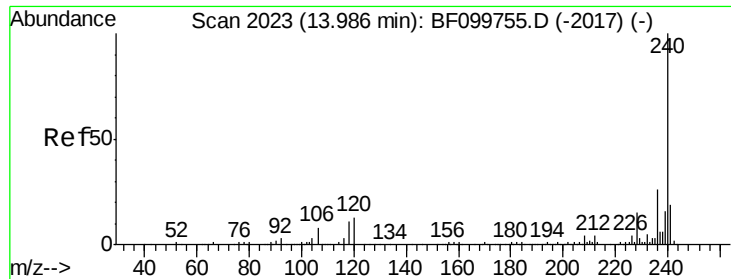
Delta R.T. -0.00 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Tgt Ion:	202	Resp:	594234
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	34.1
203	17.5	0.0	38.1





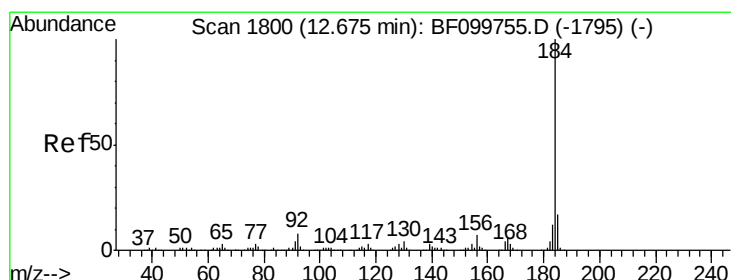
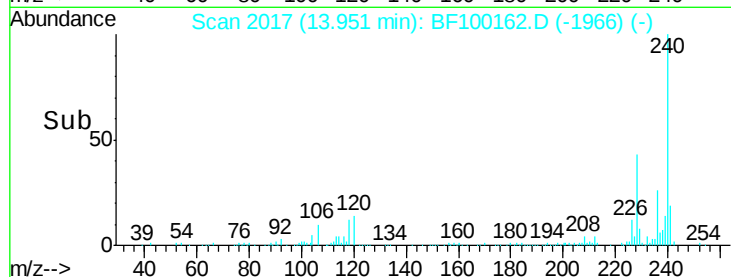
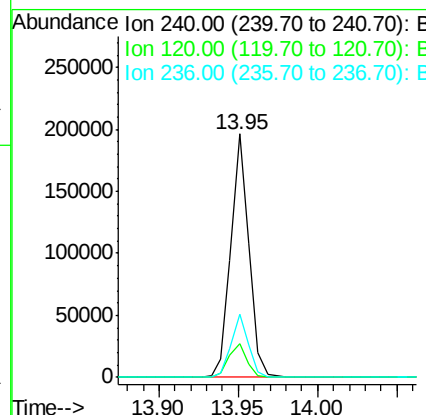
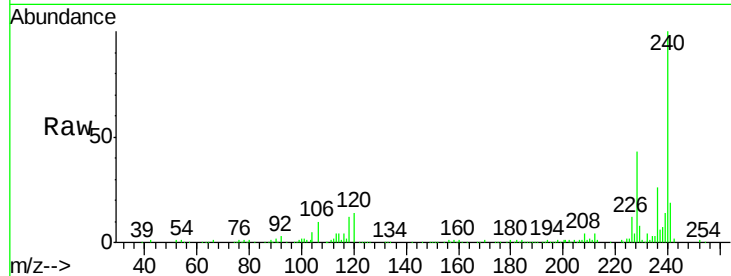
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	155512		
120	14.0	9.5	14.3	
236	26.0	20.7	31.1	

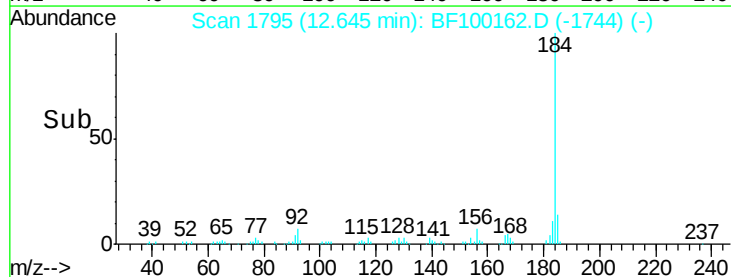
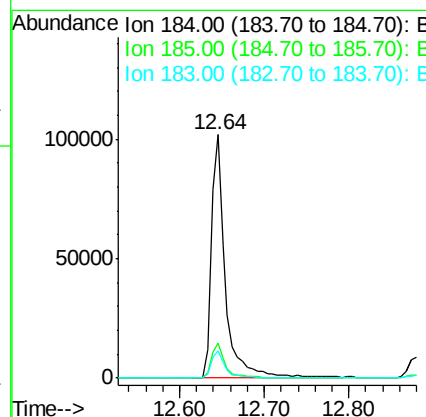
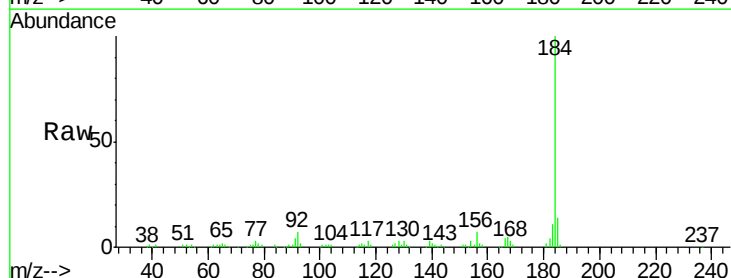
Manual Integrations
APPROVED

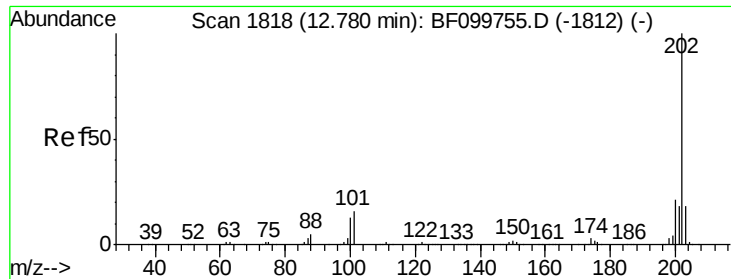
Sohil
11/4/2017 2:19:15 PM



#76
Benzidine
Concen: 17.249 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	117374		
185	14.1	12.6	18.8	
183	11.2	9.3	13.9	





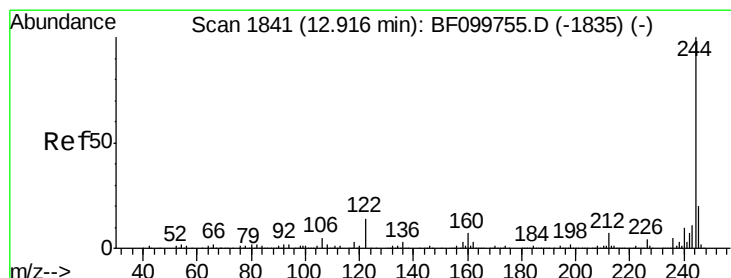
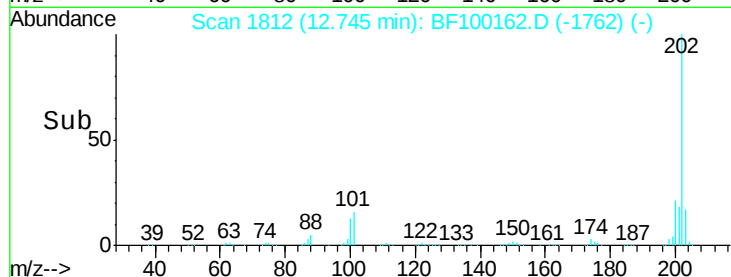
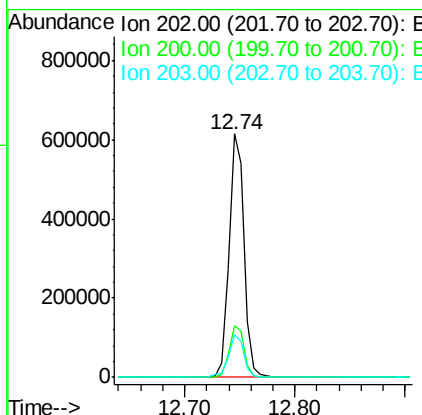
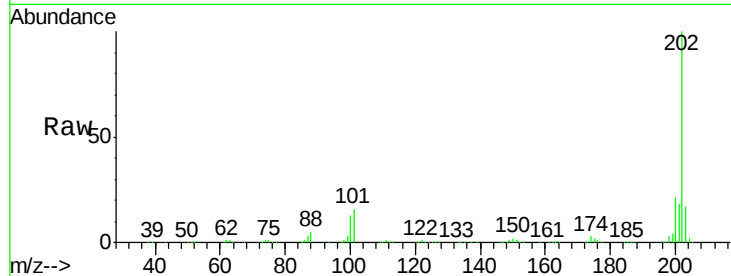
#77
 Pyrene
 Concen: 49.422 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5

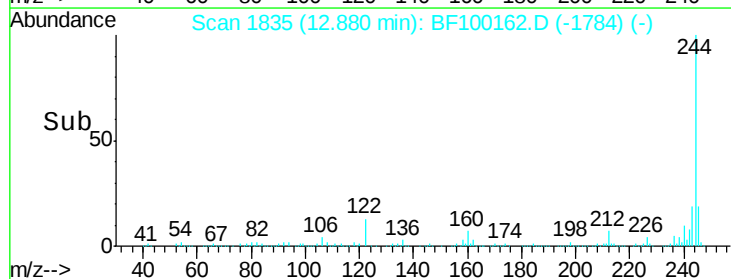
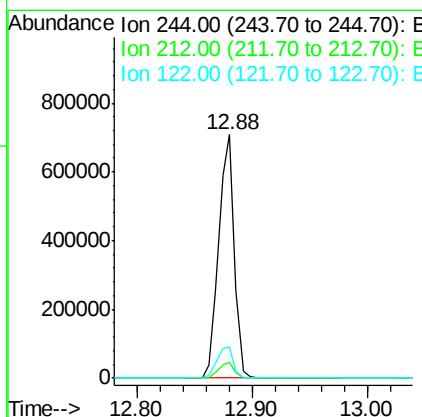
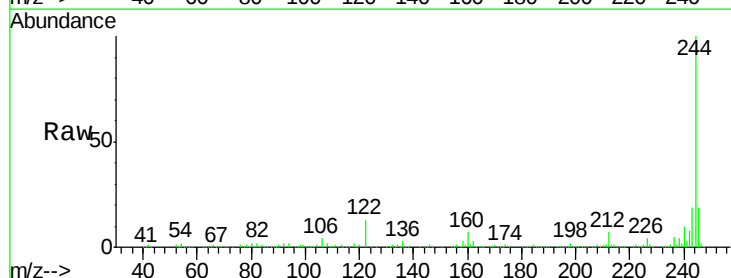
Manual Integrations
 APPROVED

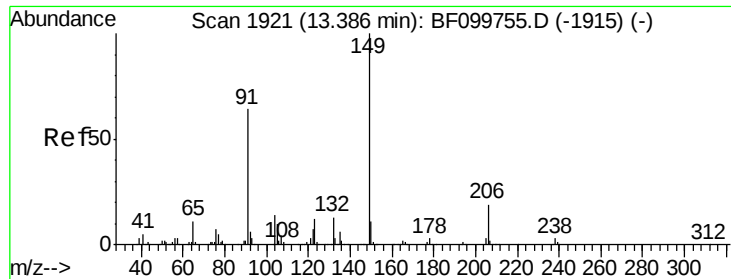
Sohil
 11/4/2017 2:19:15 PM



#78
 Terphenyl-d14
 Concen: 93.080 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	5.4	8.0
122	12.5	11.0	16.4





#79

Butylbenzylphthalate

Concen: 48.055 ng

RT: 13.34 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

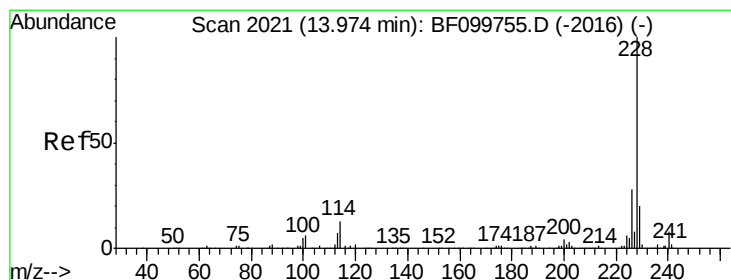
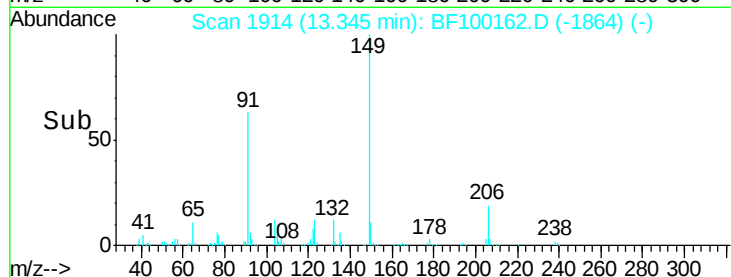
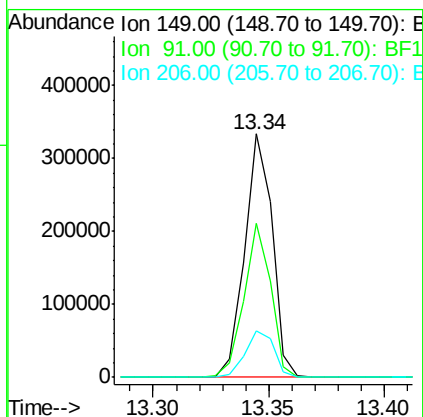
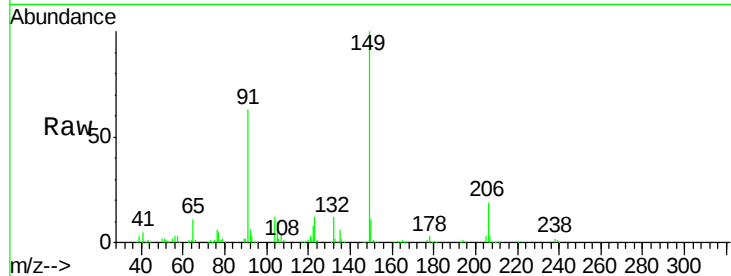
ClientSampleId :

RLF-SW-6MSD

Tgt Ion:	149	Resp:	279825
Ion Ratio	Lower	Upper	
149	100		
91	63.4	56.8	85.2
206	19.1	14.1	21.1

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM



#80

Benzo(a)anthracene

Concen: 42.303 ng

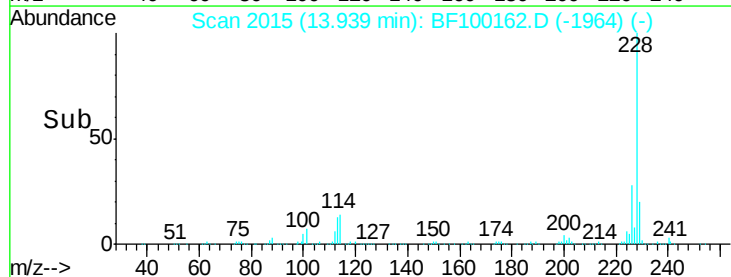
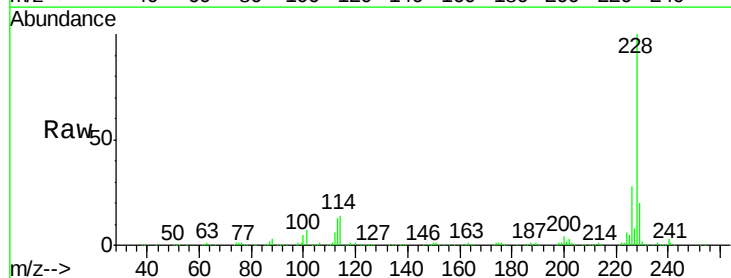
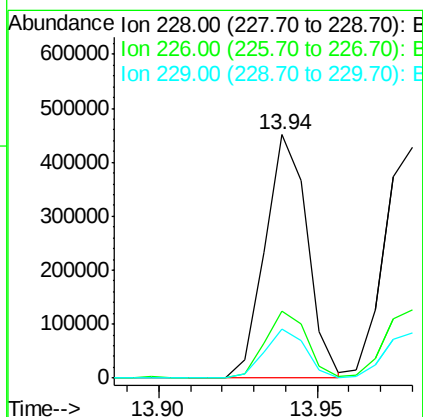
RT: 13.94 min Scan# 2015

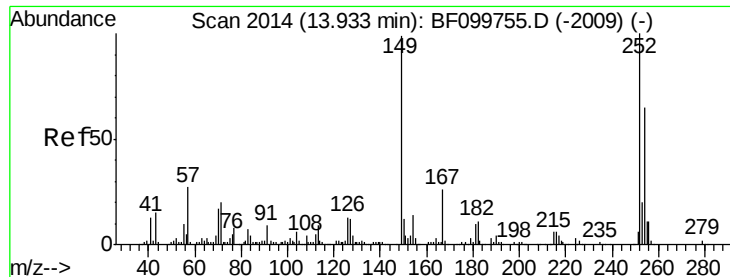
Delta R.T. -0.00 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Tgt Ion:	228	Resp:	417043
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	20.1	15.8	23.6





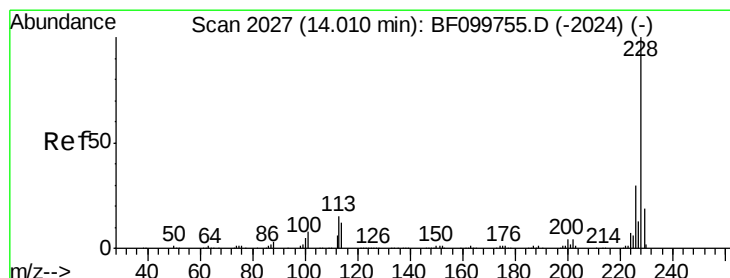
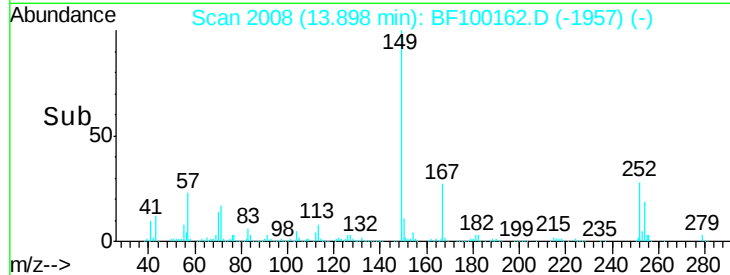
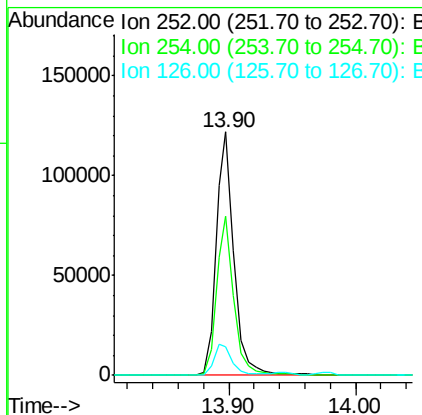
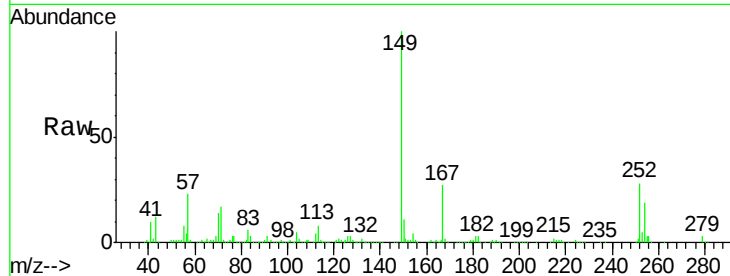
#81
 3,3'-Dichlorobenzidine
 Concen: 33.603 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

Tgt Ion:	252	Resp:	120250
Ion Ratio	Lower	Upper	
252	100		
254	65.5	50.4	75.6
126	11.9	11.3	16.9

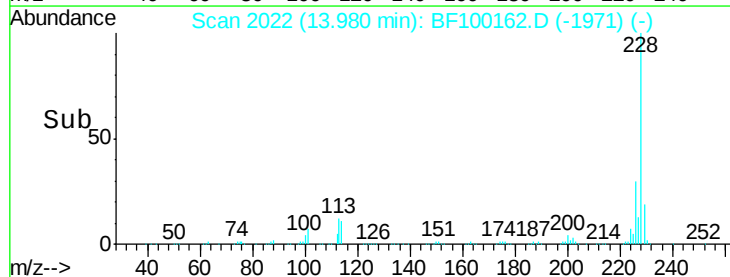
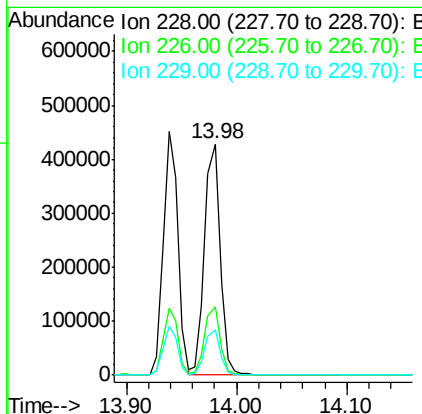
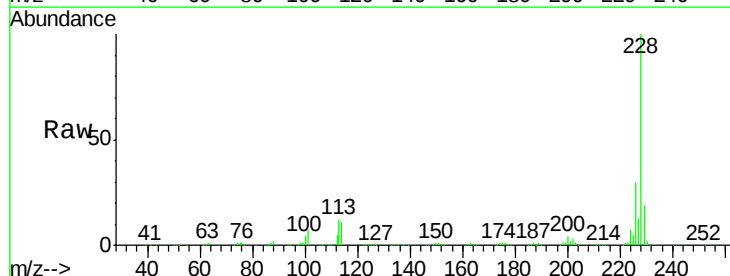
Manual Integrations
 APPROVED

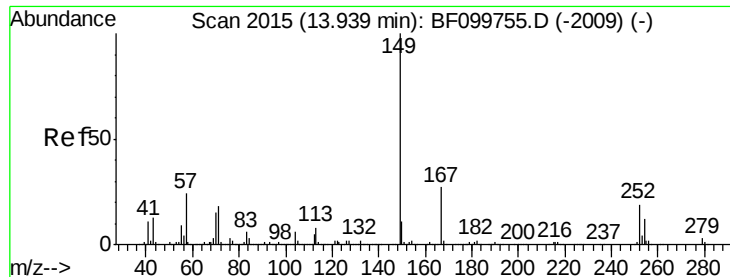
Sohil
 11/4/2017 2:19:15 PM



#82
 Chrysene
 Concen: 44.249 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Tgt Ion:	228	Resp:	410111
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.0	37.6
229	19.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.690 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

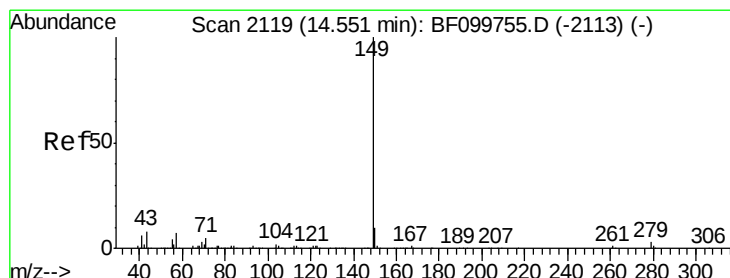
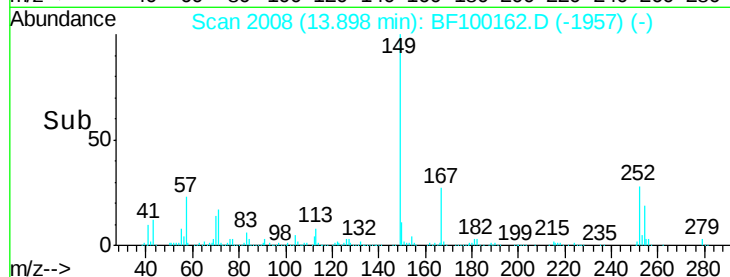
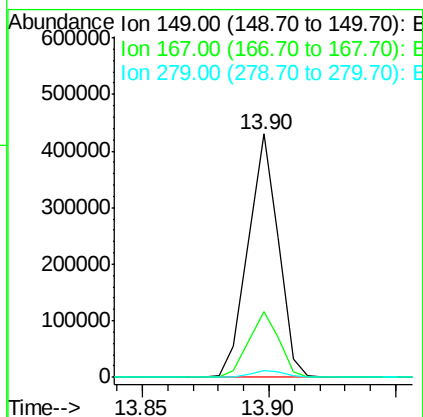
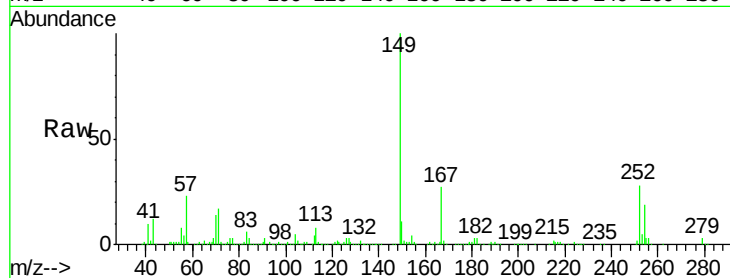
ClientSampleId :

RLF-SW-6MSD

Tgt Ion:	149	Resp:	357267
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.3	31.9
279	3.0	3.0	4.4

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM



#84

Di-n-octyl phthalate

Concen: 40.471 ng

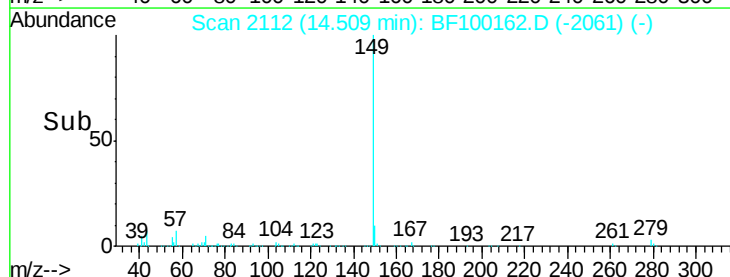
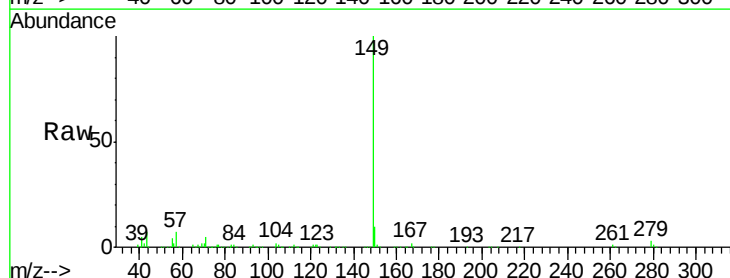
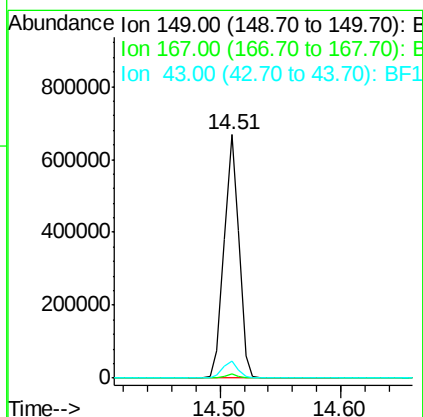
RT: 14.51 min Scan# 2112

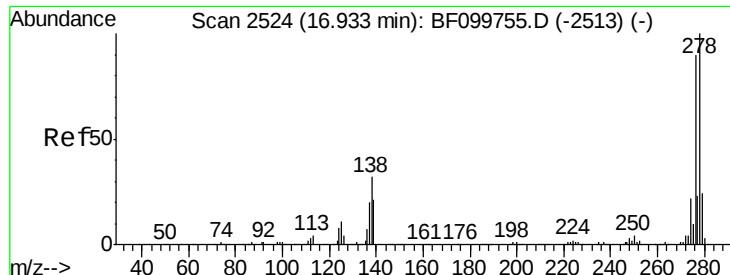
Delta R.T. -0.00 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Tgt Ion:	149	Resp:	568023
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.2	8.4	12.6#





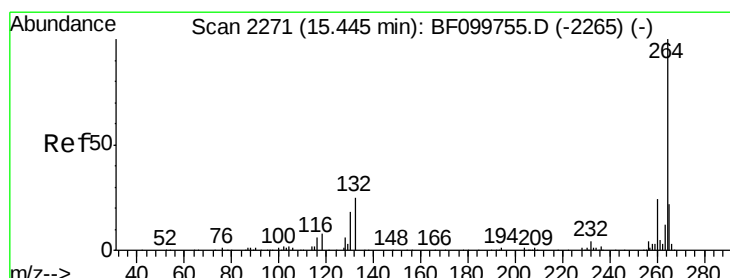
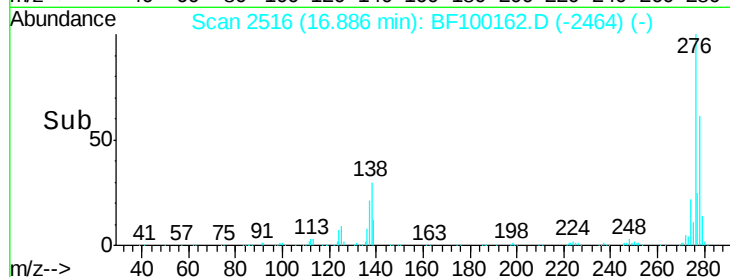
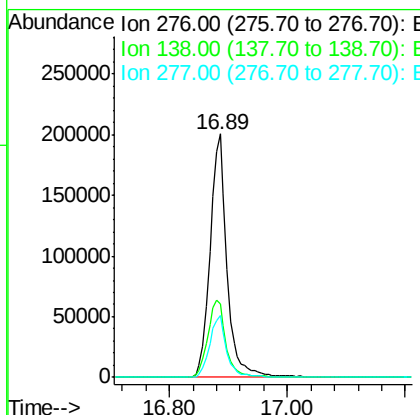
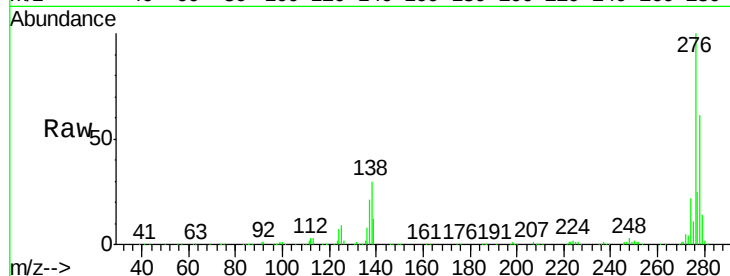
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.029 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	400139		
138	34.1	25.0	37.6	
277	25.4	20.1	30.1	

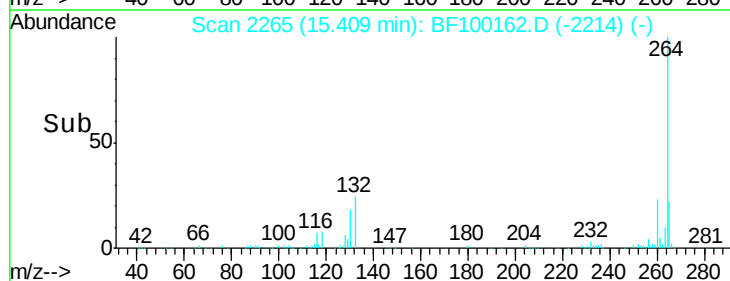
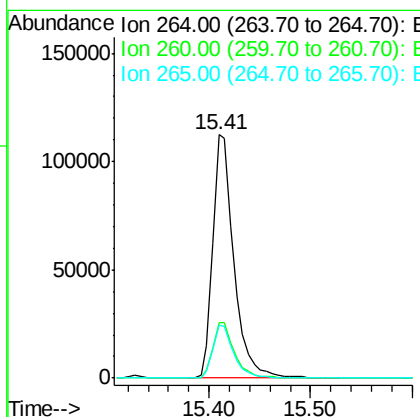
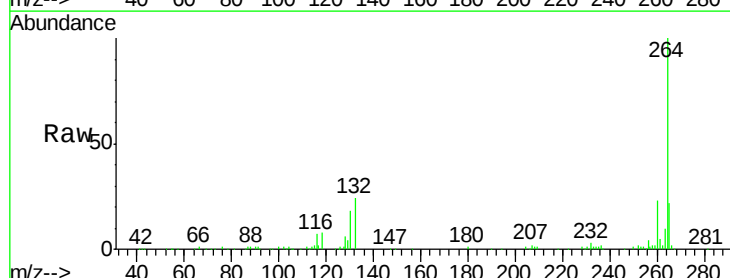
Manual Integrations
APPROVED

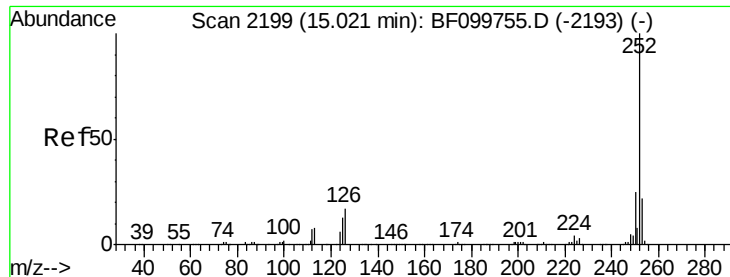
Sohil
11/4/2017 2:19:15 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	162660		
260	22.9	19.2	28.8	
265	21.9	17.5	26.3	





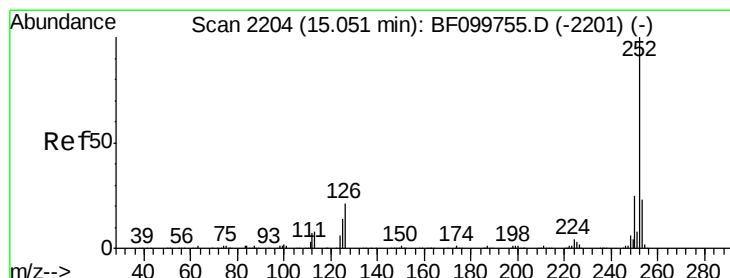
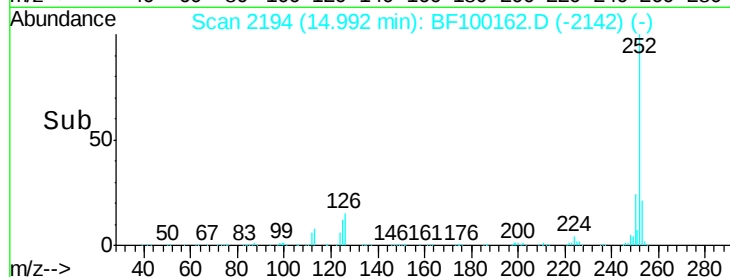
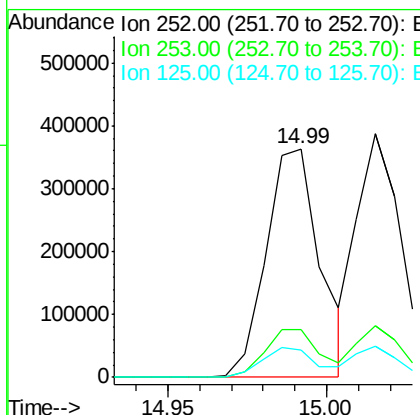
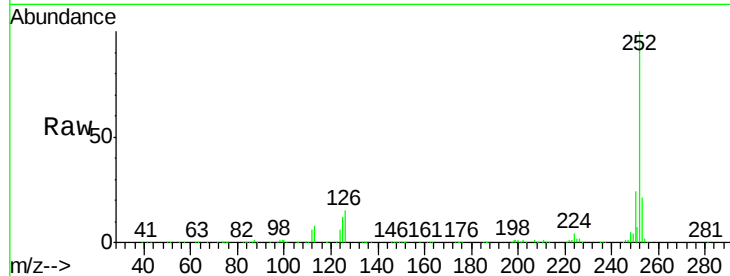
#87
Benzo(b)fluoranthene
Concen: 41.920 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Instrument :
BNA_F
ClientSampleId :
RLF-SW-6MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	11.7	9.0	13.6

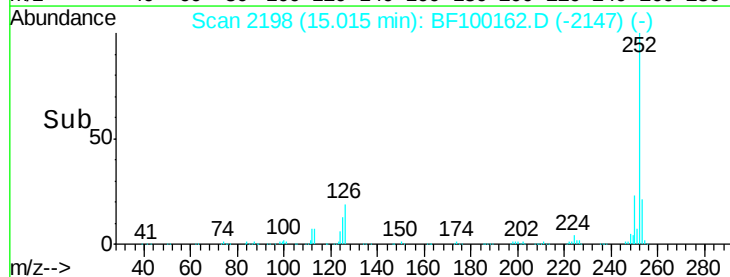
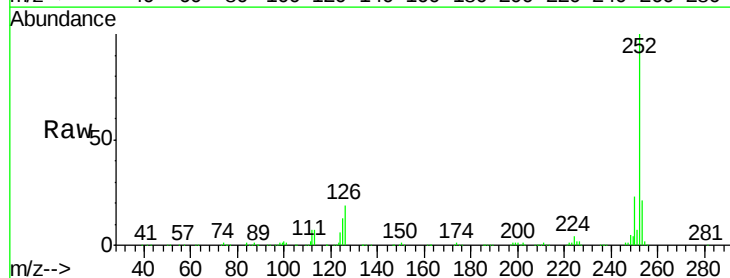
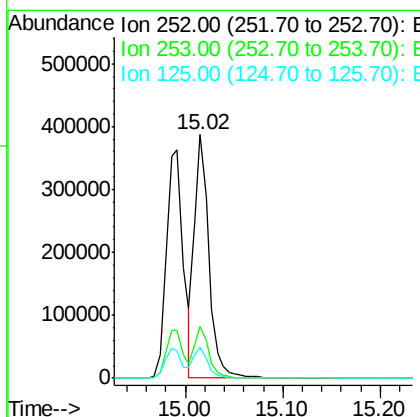
Manual Integrations
APPROVED

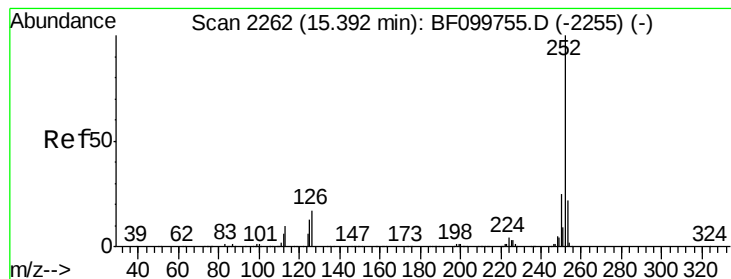
Sohil
11/4/2017 2:19:15 PM



#88
Benzo(k)fluoranthene
Concen: 40.963 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF100162.D
Acq: 4 Nov 2017 4:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	12.7	10.2	15.2





#89

Benzo(a)pyrene

Concen: 43.814 ng

RT: 15.36 min Scan# 2256

Delta R.T. 0.01 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Instrument :

BNA_F

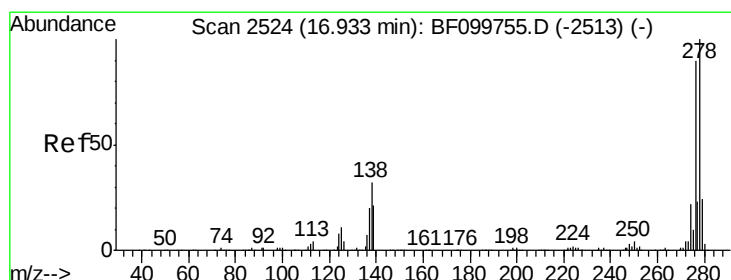
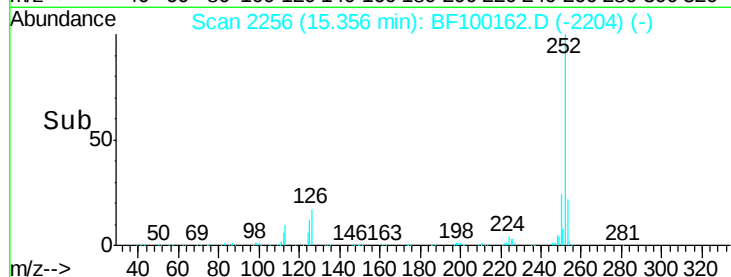
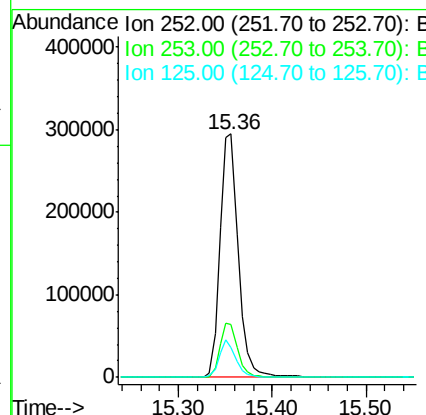
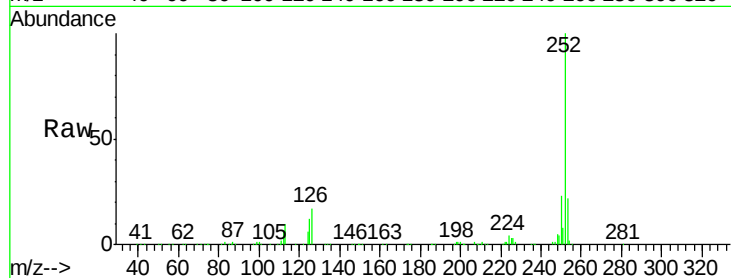
ClientSampleId :

RLF-SW-6MSD

Tgt Ion:	252	Resp:	404242
Ion Ratio		Lower	Upper
252	100		
253	21.7	17.1	25.7
125	12.3	9.8	14.6

Manual Integrations
APPROVED

Sohil
11/4/2017 2:19:15 PM



#90

Dibenzo(a,h)anthracene

Concen: 42.167 ng

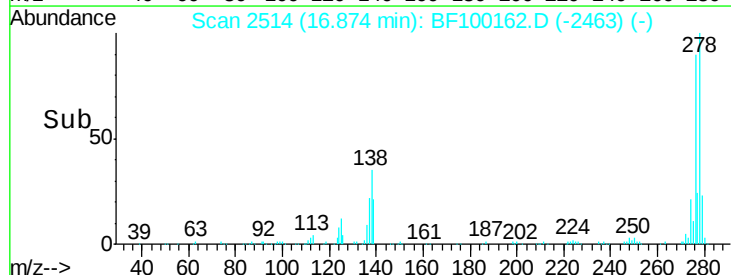
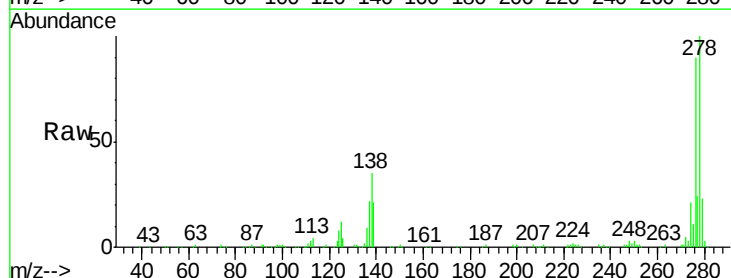
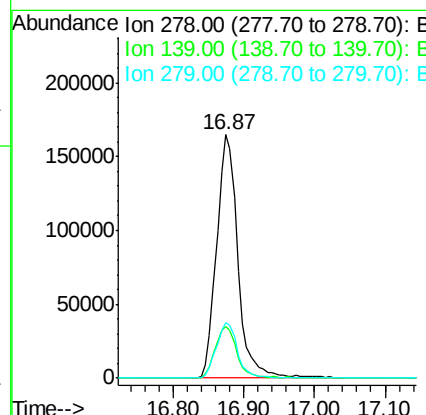
RT: 16.87 min Scan# 2514

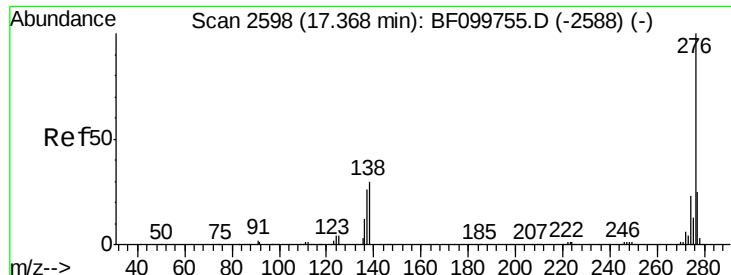
Delta R.T. -0.00 min

Lab File: BF100162.D

Acq: 4 Nov 2017 4:54

Tgt Ion:	278	Resp:	345700
Ion Ratio		Lower	Upper
278	100		
139	21.3	15.9	23.9
279	22.7	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 40.717 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. 0.01 min
 Lab File: BF100162.D
 Acq: 4 Nov 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-6MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	21.8	17.9	26.9
138	28.6	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 11/4/2017 2:19:15 PM

