

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100735.D
 Acq On : 20 Nov 2017 17:38
 Operator : SJ/JU
 Sample : PB104390BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:15:22 PM

Quant Time: Nov 21 04:25:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	89096	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	359431	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	166115	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	321171	20.00	ng	0.00
75) Chrysene-d12	14.03	240	190631	20.00	ng	-0.01
86) Perylene-d12	15.50	264	170629	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	499435	89.86	ng	0.00
7) Phenol-d6	6.50	99	609990	89.00	ng	0.00
23) Nitrobenzene-d5	7.43	82	384617	70.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	179697	106.16	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	828599	75.95	ng	-0.01
78) Terphenyl-d14	12.98	244	723013	87.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	68874	25.427	ng	97
3) Pyridine	3.50	79	203131	27.488	ng	94
4) n-Nitrosodimethylamine	3.45	42	94863	26.440	ng	94
6) Aniline	6.53	93	181976	18.794	ng	99
8) 2-Chlorophenol	6.66	128	203869	34.672	ng	98
9) Benzaldehyde	6.42	77	61471	12.559	ng	95
10) Phenol	6.52	94	239587	33.298	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	182902	30.264	ng	99
12) 1,3-Dichlorobenzene	6.81	146	231018	34.078	ng	98
13) 1,4-Dichlorobenzene	6.89	146	234279	34.145	ng	96
14) 1,2-Dichlorobenzene	7.05	146	222382	35.055	ng	95
15) Benzyl Alcohol	7.01	79	173136	32.367	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	326835	33.813	ng	98
17) 2-Methylphenol	7.12	107	171859	34.202	ng	96
18) Hexachloroethane	7.38	117	78934	34.891	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	139022	29.248	ng	97
20) 3+4-Methylphenols	7.27	107	212356	33.397	ng	# 78
22) Acetophenone	7.28	105	274987	31.375	ng	# 96
24) Nitrobenzene	7.45	77	206679	36.936	ng	99
25) Isophorone	7.69	82	376383	32.945	ng	99
26) 2-Nitrophenol	7.77	139	114772	44.223	ng	92
27) 2,4-Dimethylphenol	7.80	122	191953	37.481	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	239638	32.067	ng	100
29) 2,4-Dichlorophenol	8.01	162	182728	37.374	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	190574	36.035	ng	96
31) Naphthalene	8.17	128	598368	34.564	ng	99
32) Benzoic acid	7.92	122	122393	34.487	ng	96
33) 4-Chloroaniline	8.22	127	89070	12.360	ng	96
34) Hexachlorobutadiene	8.29	225	110821	35.244	ng	99
35) Caprolactam	8.59	113	50785m	30.268	ng	
36) 4-Chloro-3-methylphenol	8.70	107	178803	34.052	ng	95
37) 2-Methylnaphthalene	8.87	142	412562	35.895	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	189523	34.401	ng	97
40) Hexachlorocyclopentadiene	9.02	237	220004	84.849	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100735.D
 Acq On : 20 Nov 2017 17:38
 Operator : SJ/JU
 Sample : PB104390BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:15:22 PM

Quant Time: Nov 21 04:25:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	138049	39.537	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	140753	38.908	nq	# 90
45) 1,1'-Biphenyl	9.33	154	496947	34.589	nq	97
46) 2-Chloronaphthalene	9.36	162	384511	36.891	nq	96
47) 2-Nitroaniline	9.45	65	109141	36.166	nq	96
48) Acenaphthylene	9.77	152	590719	34.199	nq	99
49) Dimethylphthalate	9.63	163	440072	34.697	nq	100
50) 2,6-Dinitrotoluene	9.69	165	99050	39.454	nq	89
51) Acenaphthene	9.95	154	355812	33.870	nq	98
52) 3-Nitroaniline	9.86	138	62720	21.156	nq	98
53) 2,4-Dinitrophenol	9.97	184	94522	83.890	nq	# 16
54) Dibenzofuran	10.12	168	525251	35.674	nq	97
55) 4-Nitrophenol	10.02	139	155839	64.739	nq	92
56) 2,4-Dinitrotoluene	10.10	165	129534	40.899	nq	86
57) Fluorene	10.46	166	401848	37.256	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	114376	38.577	nq	# 86
59) Diethylphthalate	10.33	149	417474	32.892	nq	97
60) 4-Chlorophenyl-phenylether	10.45	204	194458	36.751	nq	# 88
61) 4-Nitroaniline	10.48	138	101498	36.107	nq	81
62) Azobenzene	10.61	77	378287	31.645	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	62286	40.122	nq	79
65) n-Nitrosodiphenylamine	10.57	169	372446	33.351	nq	97
66) 4-Bromophenyl-phenylether	10.94	248	125021	36.313	nq	# 85
67) Hexachlorobenzene	11.00	284	130166	36.148	nq	# 90
68) Atrazine	11.09	200	116129	34.353	nq	96
69) Pentachlorophenol	11.20	266	145070	56.185	nq	99
70) Phenanthrene	11.42	178	592971	35.066	nq	98
71) Anthracene	11.47	178	610944	35.611	nq	99
72) Carbazole	11.63	167	524260	33.118	nq	99
73) Di-n-butylphthalate	11.95	149	635264	34.292	nq	98
74) Fluoranthene	12.61	202	583561	32.562	nq	96
76) Benzidine	12.73	184	159668	20.914	nq	98
77) Pyrene	12.84	202	590842	43.480	nq	98
79) Butylbenzylphthalate	13.45	149	203166	36.661	nq	# 88
80) Benzo(a)anthracene	14.02	228	420506	36.630	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	87313	21.228	nq	# 98
82) Chrysene	14.06	228	398062	35.808	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	247160	33.910	nq	99
84) Di-n-octyl phthalate	14.62	149	367762	29.370	nq	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	444904	49.480	nq	94
87) Benzo(b)fluoranthene	15.07	252	344558	34.085	nq	98
88) Benzo(k)fluoranthene	15.10	252	324021	33.924	nq	# 95
89) Benzo(a)pyrene	15.44	252	330697	36.900	nq	99
90) Dibenzo(a,h)anthracene	17.00	278	362527	49.464	nq	95
91) Benzo(g,h,i)perylene	17.43	276	386237	53.836	nq	95

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

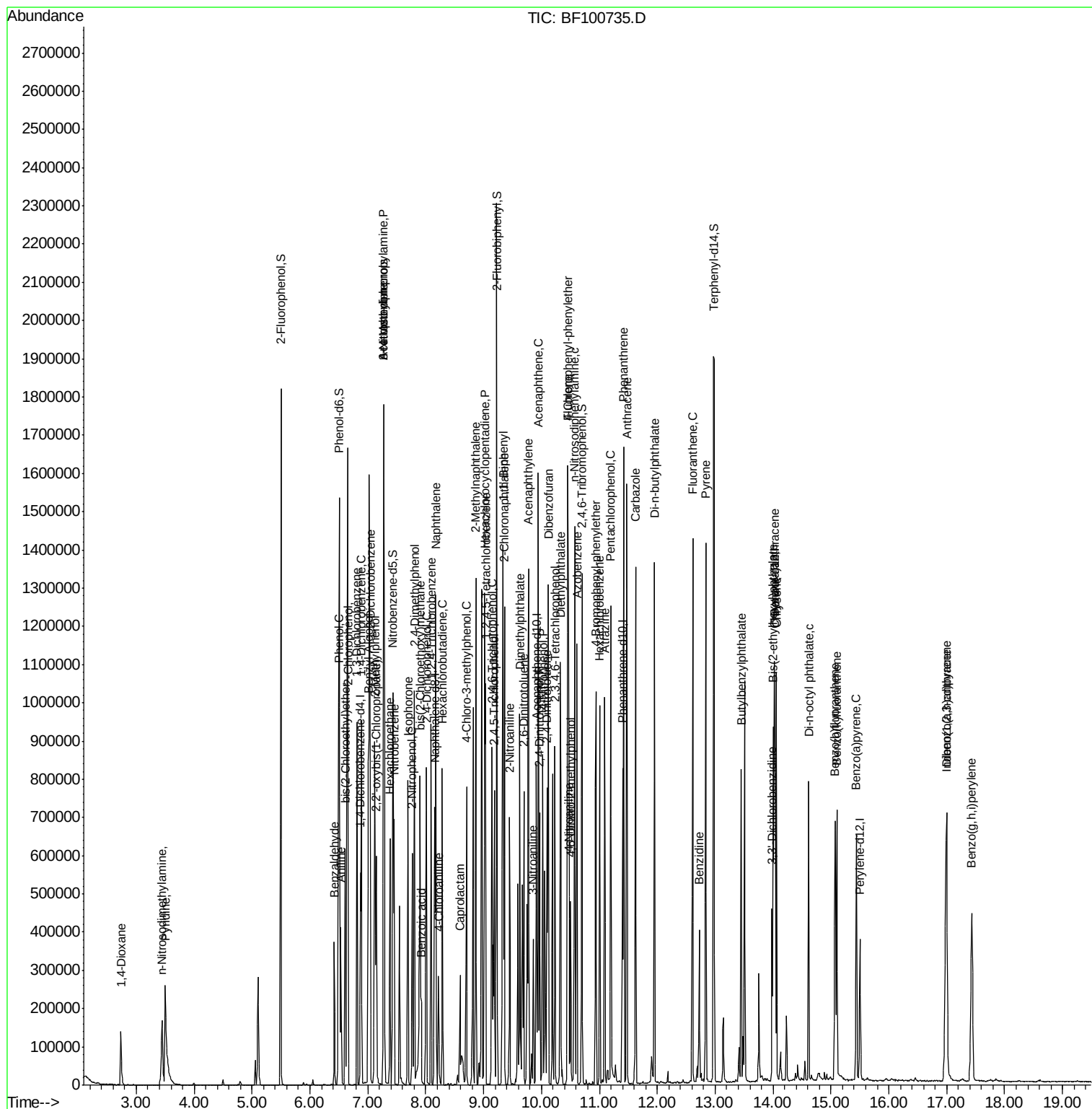
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100735.D
Acq On : 20 Nov 2017 17:38
Operator : SJ/JU
Sample : PB104390BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

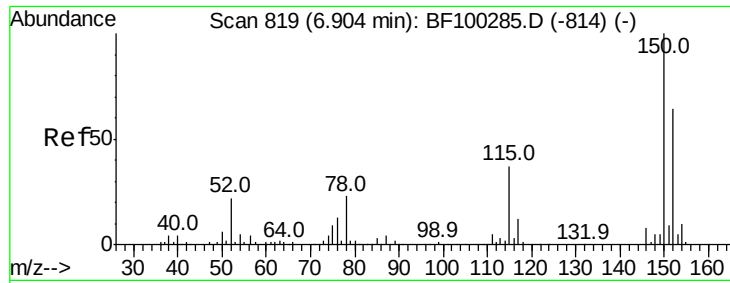
Instrument :
BNA_F
ClientSampleId :
PB104390BS

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:15:22 PM

Quant Time: Nov 21 04:25:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration





#1

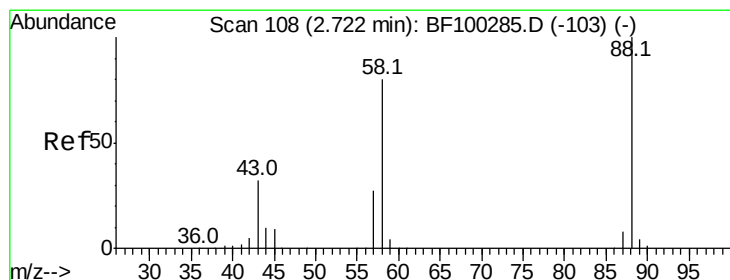
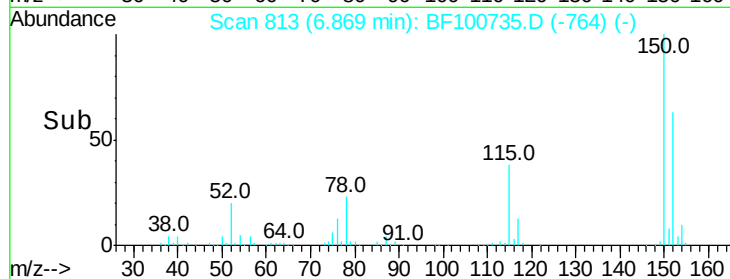
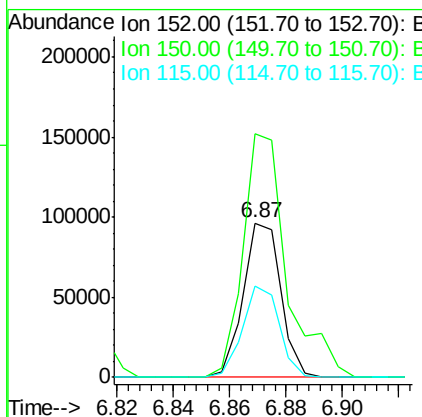
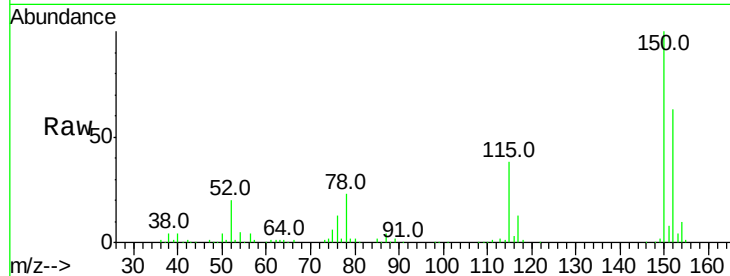
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	59.3	50.1	75.1

Manual Integrations
APPROVED

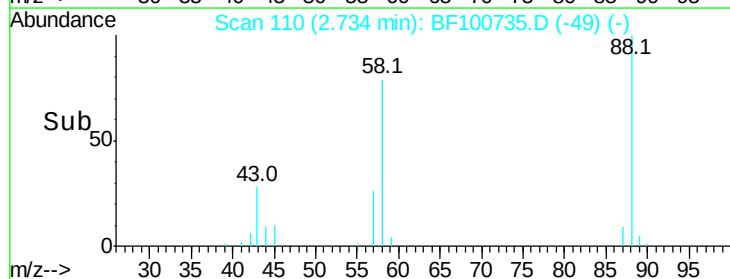
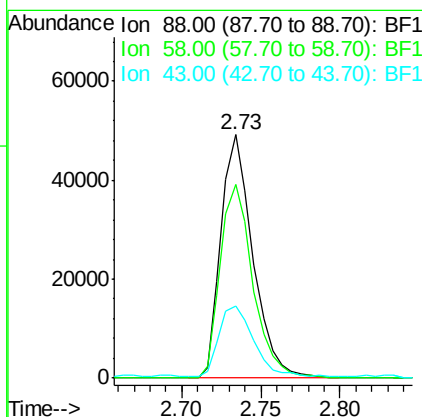
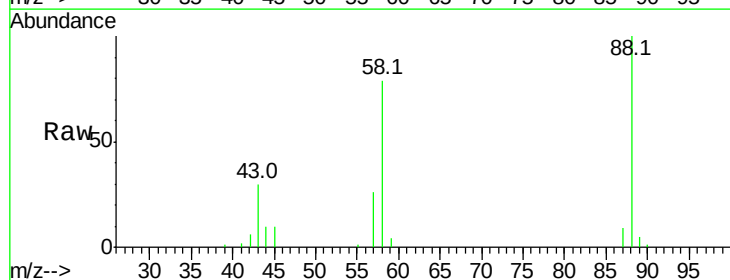
SOHIL
11/21/2017 2:15:22 PM

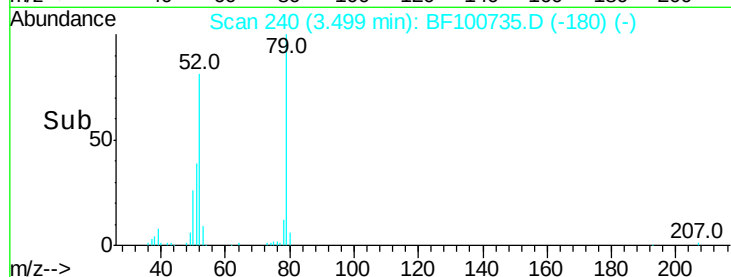
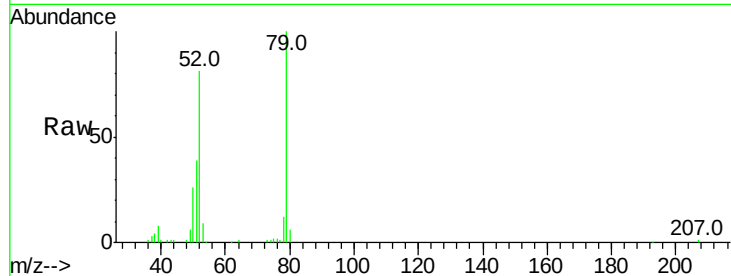
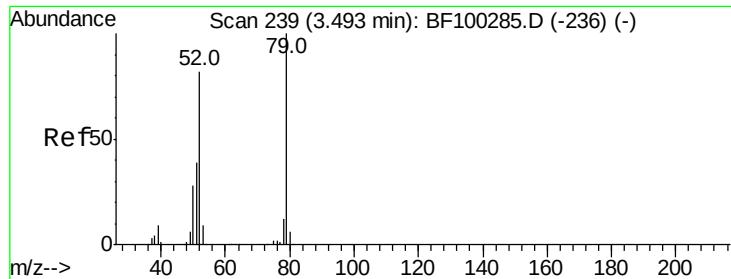


#2

1,4-Dioxane
Concen: 25.427 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.06 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	62.6	93.8
43	31.6	24.6	37.0





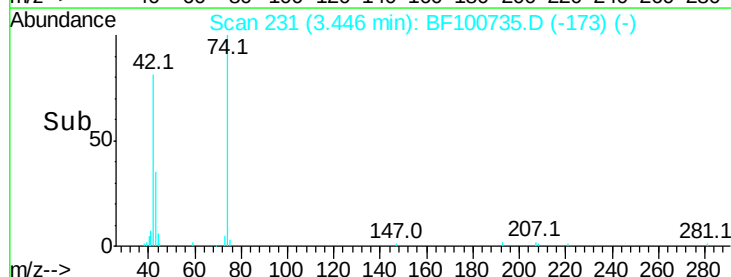
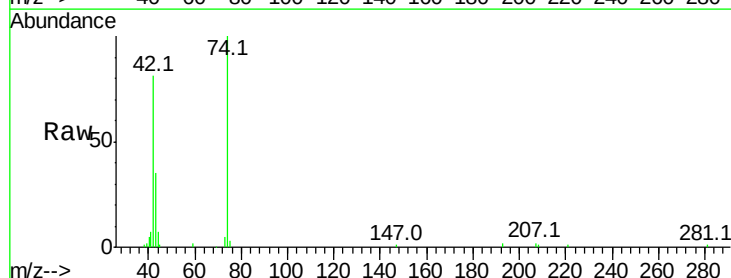
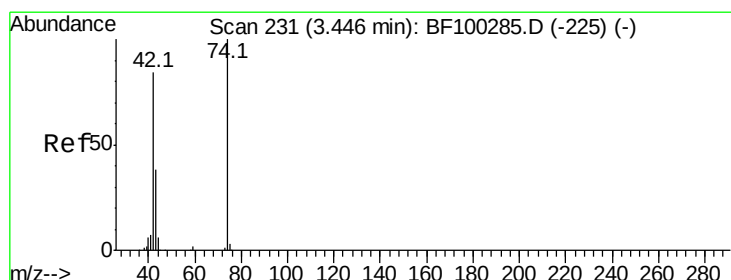
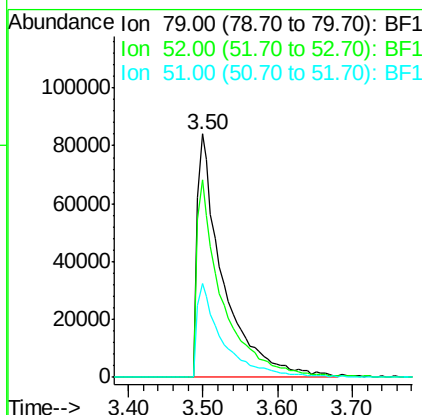
#3
 Pvridine
 Concen: 27.488 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.05 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tot Ion	Ratio	Resp	Lower	Upper
79	100	203131		
52	81.2		59.8	89.6
51	38.7		29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

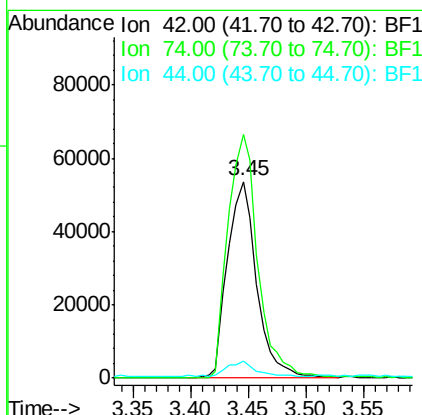
Manual Integrations
 APPROVED

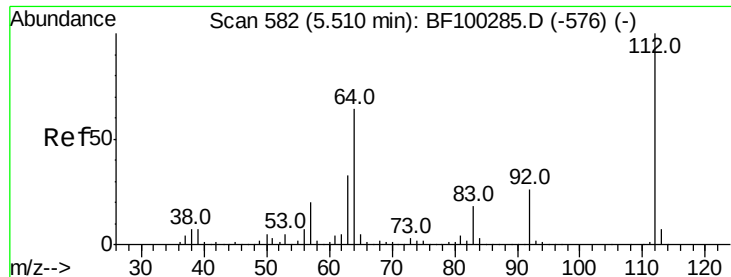
SOHIL
 11/21/2017 2:15:22 PM



#4
 n-Nitrosodimethylamine
 Concen: 26.440 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.04 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	94863		
74	123.9		104.9	157.3
44	8.4		6.9	10.3





#5

2-Fluorophenol

Concen: 89.857 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

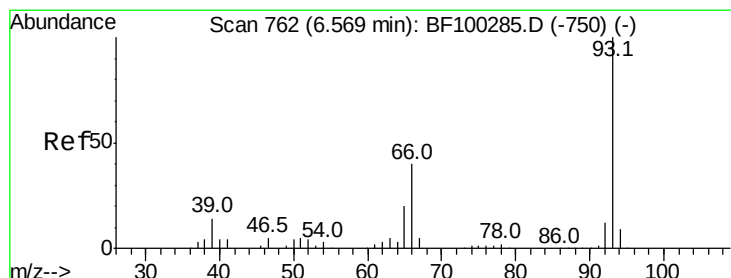
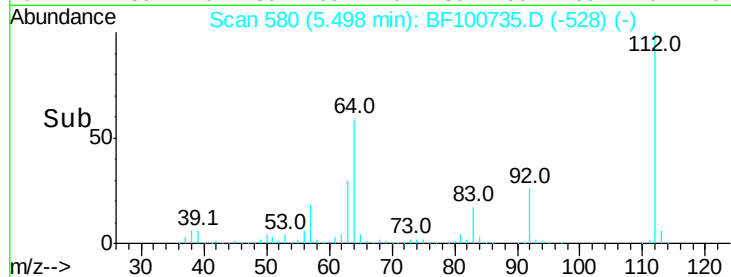
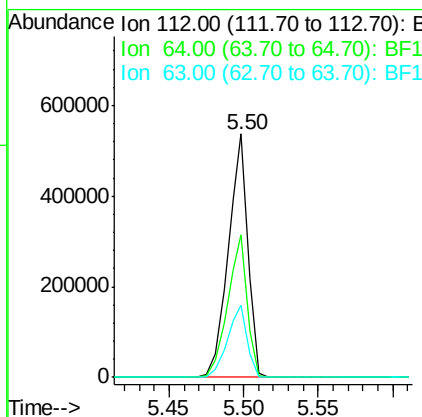
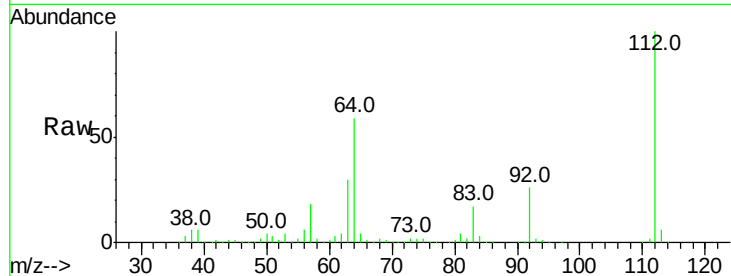
ClientSampleId :

PB104390BS

Tot Ion:	112	Resp:	499435
Ion Ratio	Lower	Upper	
112	100		
64	58.5	47.9	71.9
63	29.6	23.7	35.5

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:15:22 PM



#6

Aniline

Concen: 18.794 ng

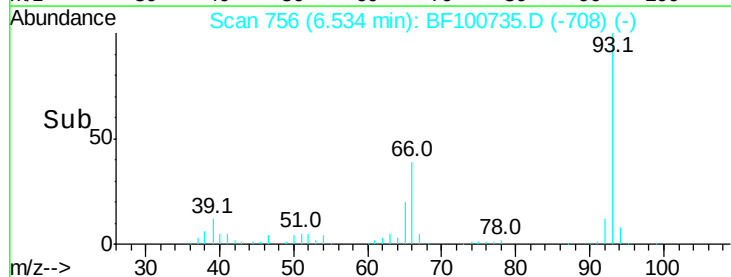
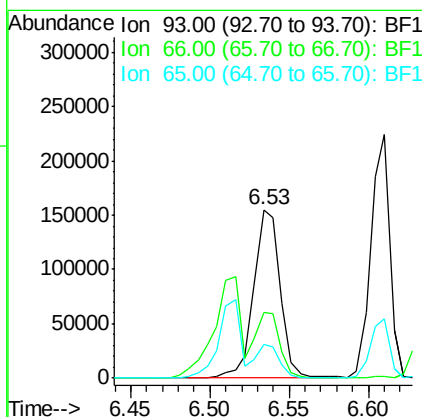
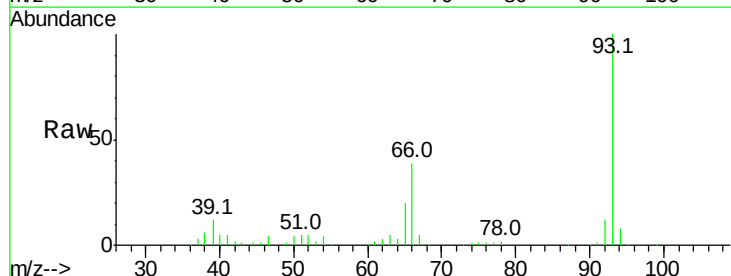
RT: 6.53 min Scan# 756

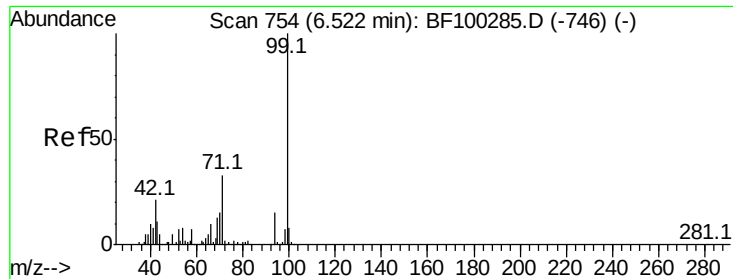
Delta R.T. -0.02 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Tgt Ion:	93	Resp:	181976
Ion Ratio	Lower	Upper	
93	100		
66	38.9	32.2	48.2
65	20.3	16.4	24.6





#7

Phenol-d6

Concen: 88.999 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

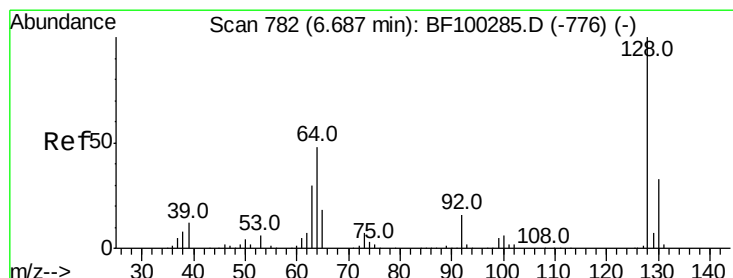
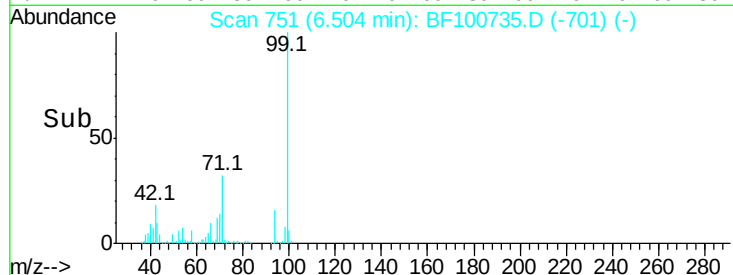
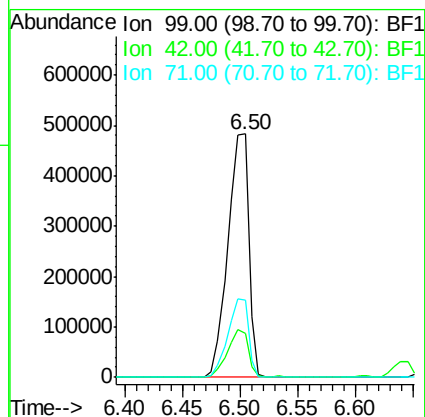
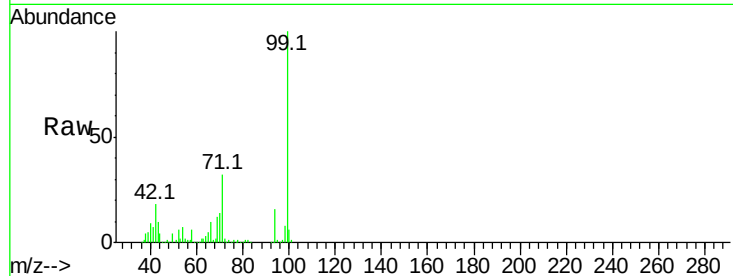
ClientSampleId :

PB104390BS

Tot Ion	99	Resp	609990
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	31.9	25.4	38.0

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:15:22 PM



#8

2-Chlorophenol

Concen: 34.672 ng

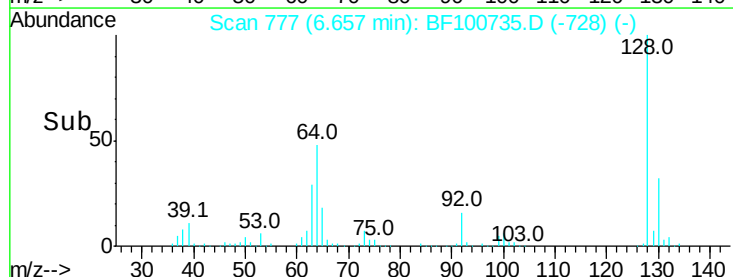
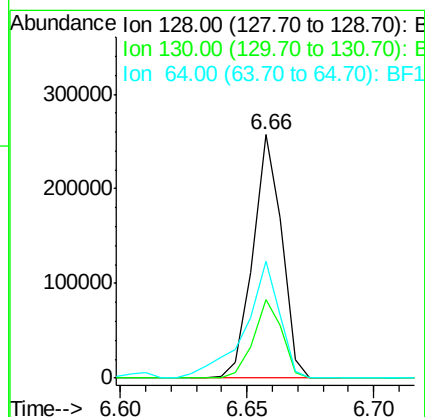
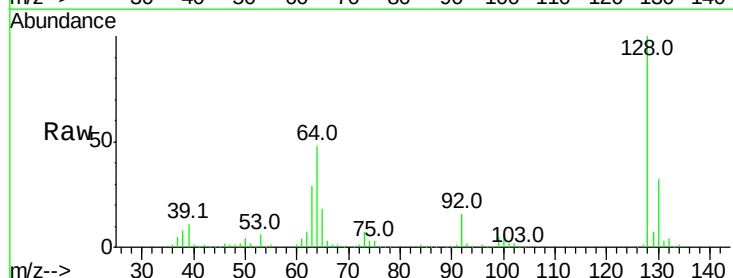
RT: 6.66 min Scan# 777

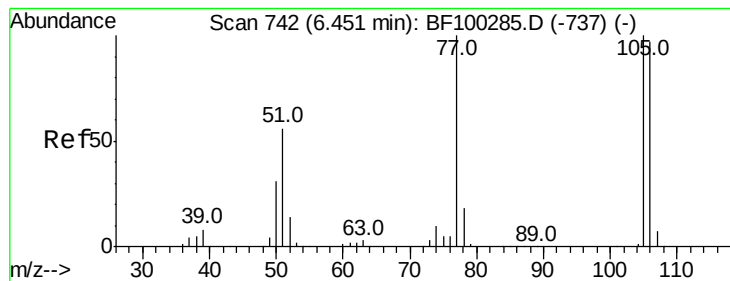
Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Tgt Ion	128	Resp	203869
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	47.8	29.4	69.4





#9

Benzaldehyde

Concen: 12.559 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleID :

PB104390BS

Tot Ion: 77 Resp: 61471

Ion Ratio Lower Upper

77 100

105 105.5 81.1 121.1

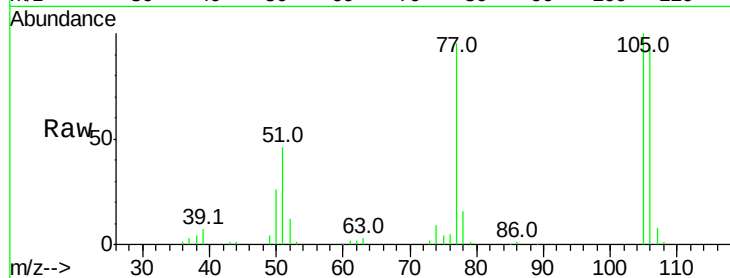
106 99.2 74.5 114.5

Manual Integrations

APPROVED

SOHIL

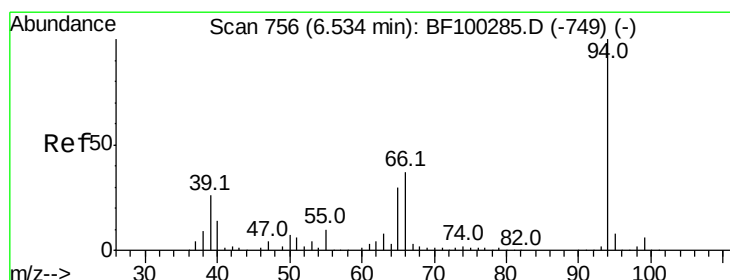
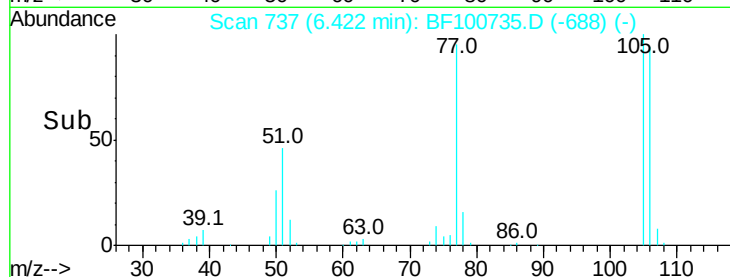
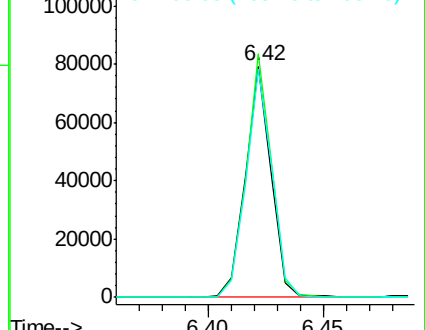
11/21/2017 2:15:22 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.298 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

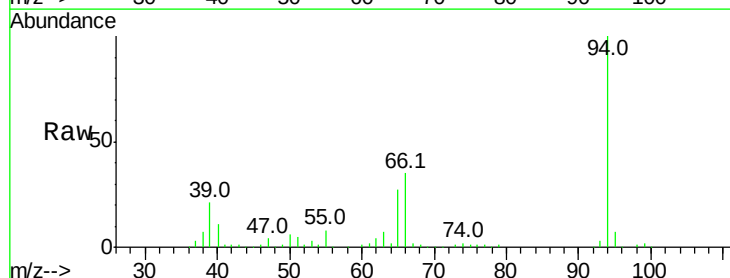
Tgt Ion: 94 Resp: 239587

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

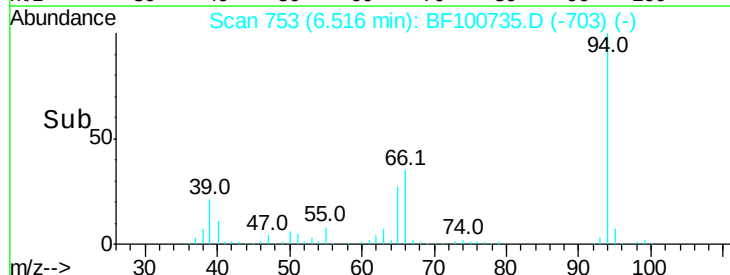
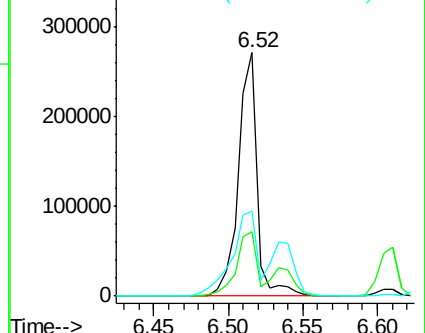
66 34.7 16.2 56.2

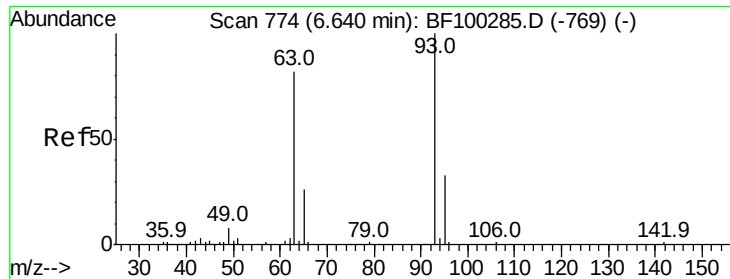


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





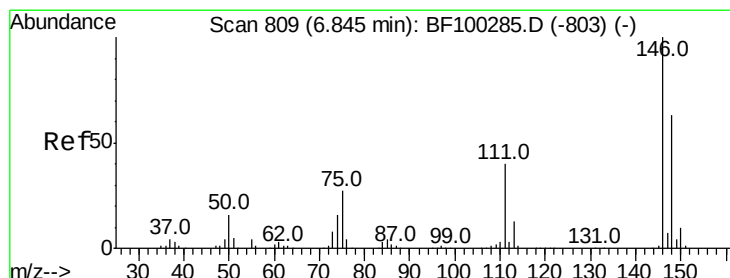
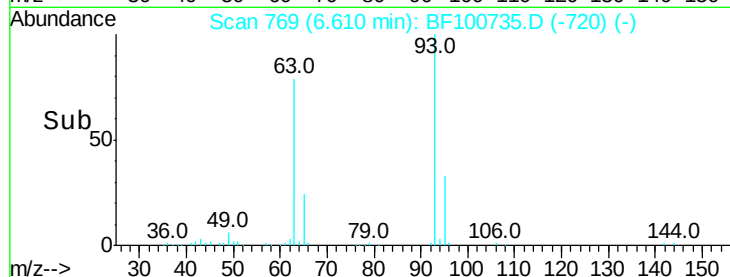
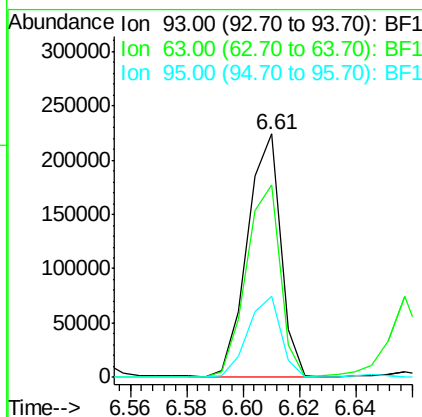
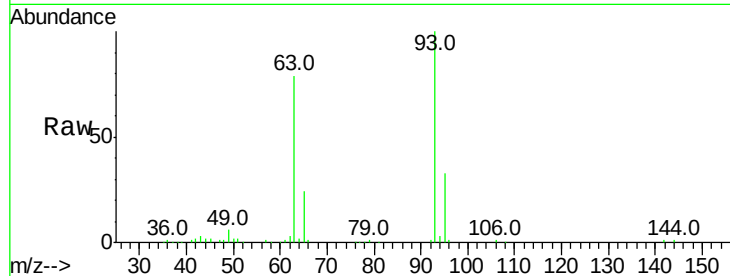
#11
bis(2-Chloroethyl)ether
Concen: 30.264 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.1	58.6	98.6
95	33.1	11.8	51.8

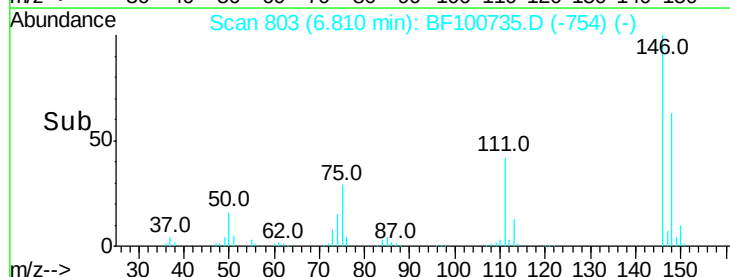
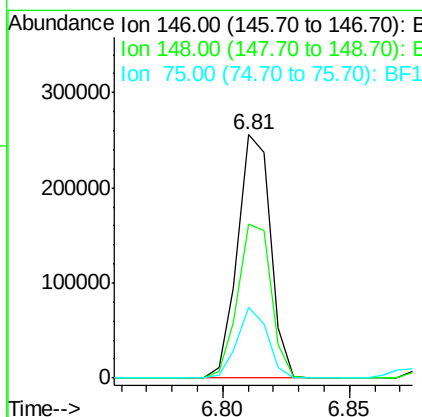
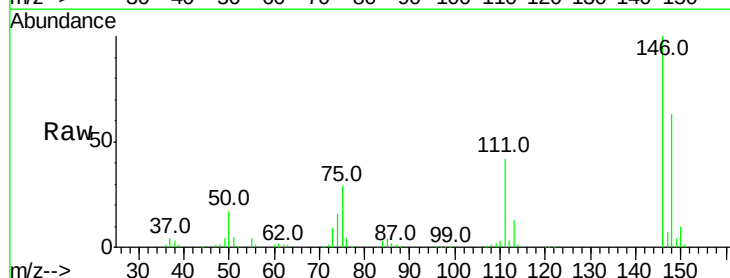
Manual Integrations
APPROVED

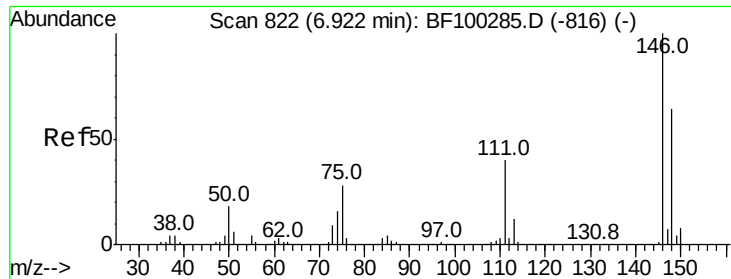
SOHIL
11/21/2017 2:15:22 PM



#12
1,3-Dichlorobenzene
Concen: 34.078 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	28.9	24.2	36.4





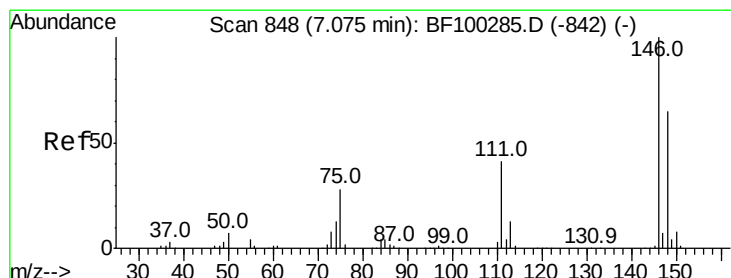
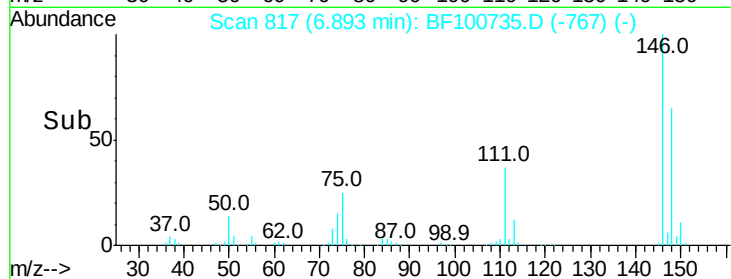
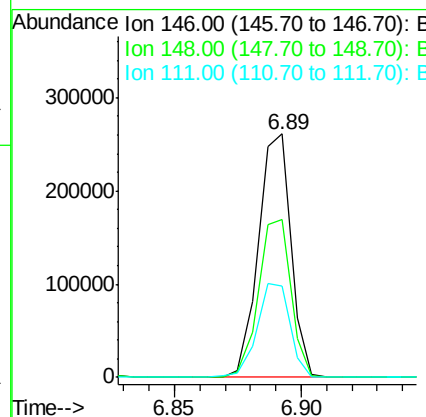
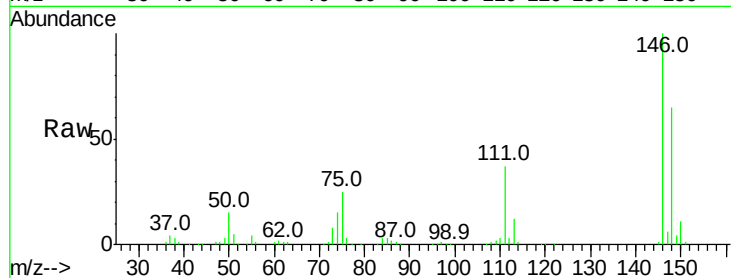
#13
 1,4-Dichlorobenzene
 Concen: 34.145 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	37.5	34.2	51.2

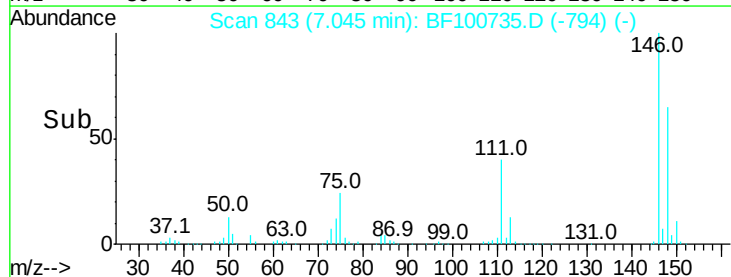
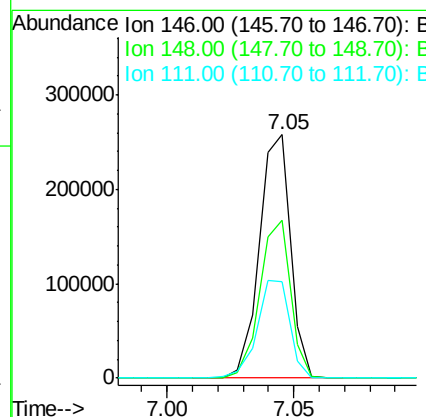
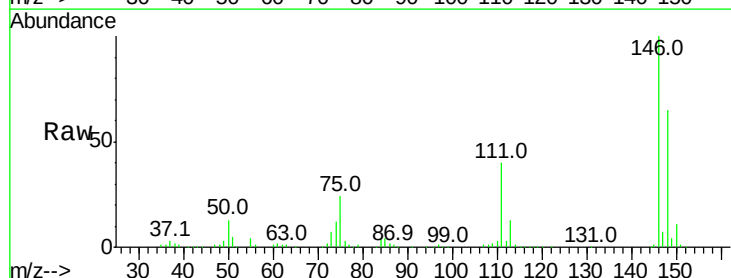
Manual Integrations
 APPROVED

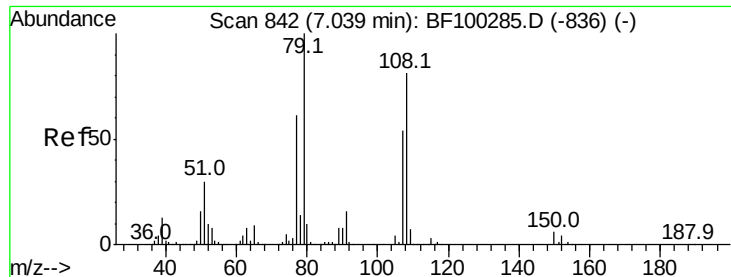
SOHIL
 11/21/2017 2:15:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.055 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	39.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 32.367 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

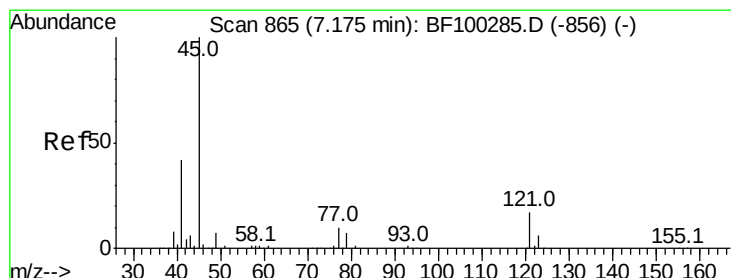
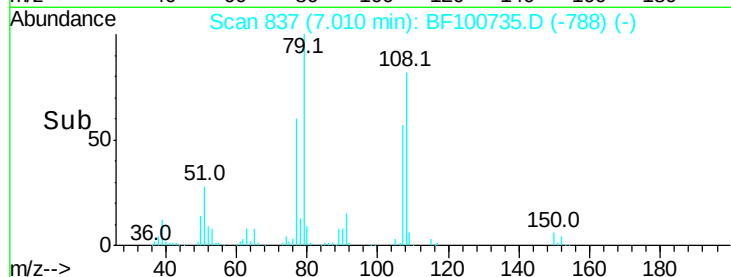
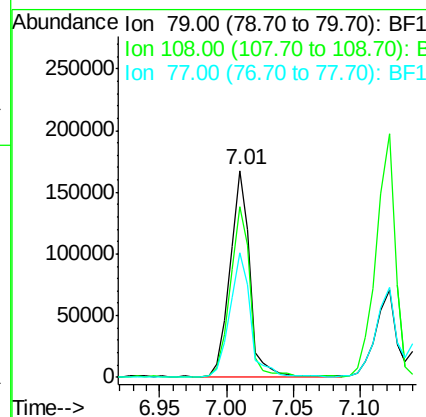
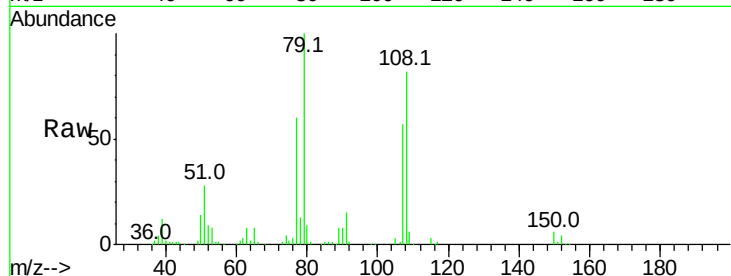
ClientSampled :

PB104390BS

Tot Ion	79	Resp	173136
Ion Ratio	Lower	Upper	
79	100		
108	82.3	65.1	97.7
77	60.3	50.6	75.8

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:15:22 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.813 ng

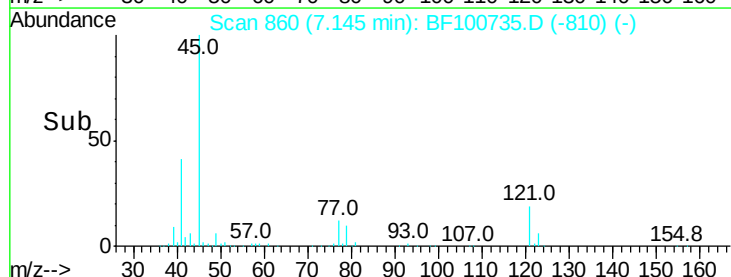
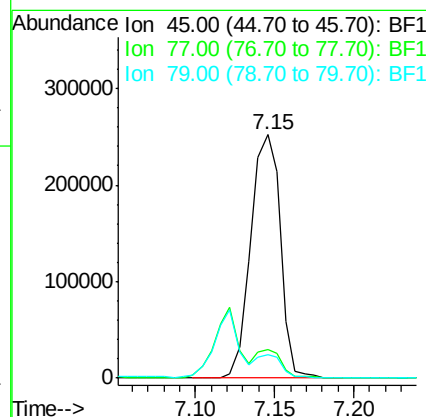
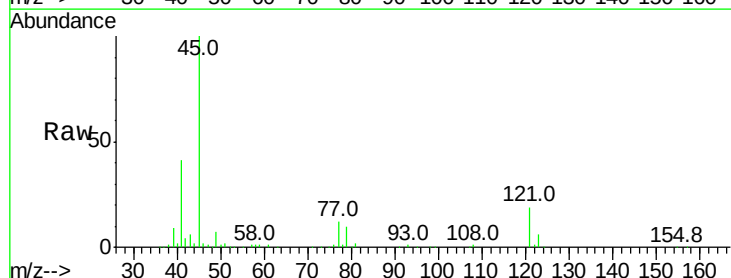
RT: 7.15 min Scan# 860

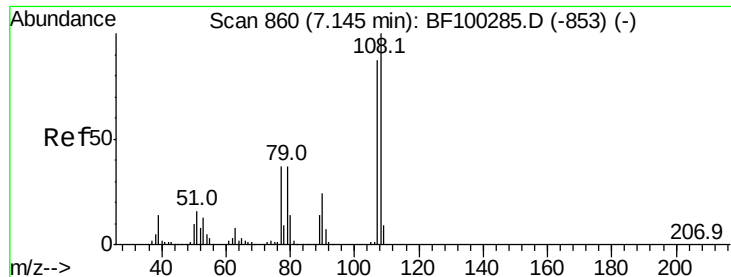
Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Tgt Ion	45	Resp	326835
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	32.9
79	9.9	0.0	29.6





#17

2-Methylphenol

Concen: 34.202 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

Tot Ion:107 Resp: 171859

Ion Ratio Lower Upper

107 100

108 109.7 91.7 137.5

77 40.8 33.8 50.8

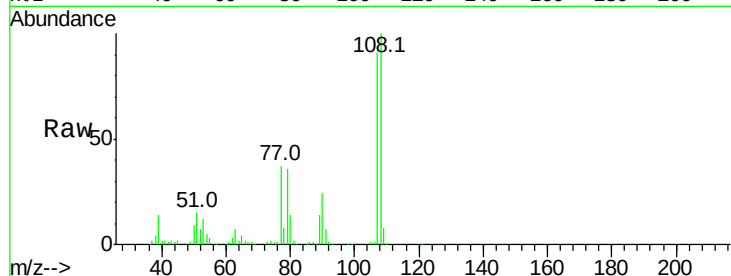
79 39.4 33.8 50.8

Manual Integrations

APPROVED

SOHIL

11/21/2017 2:15:22 PM

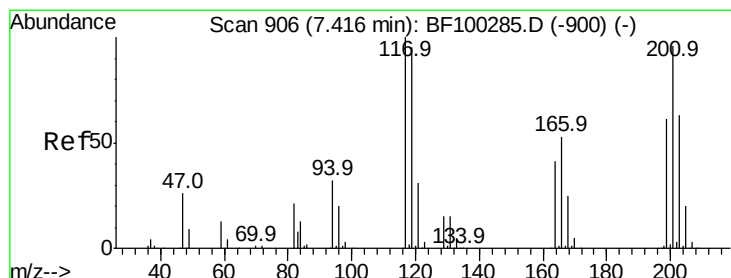
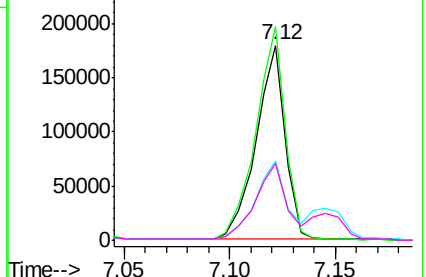
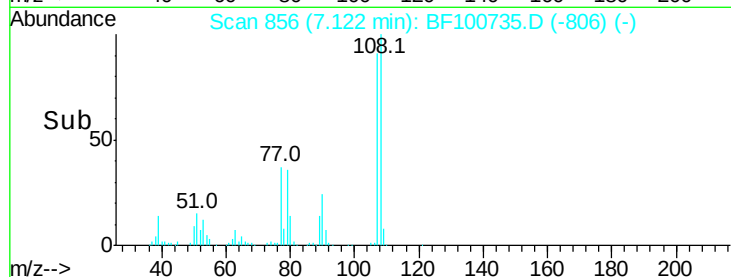


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.891 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

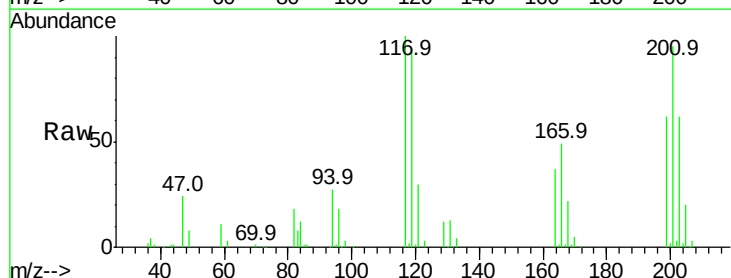
Tgt Ion:117 Resp: 78934

Ion Ratio Lower Upper

117 100

119 93.6 75.8 113.8

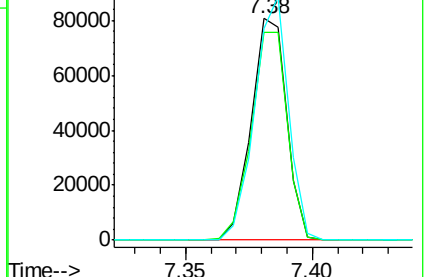
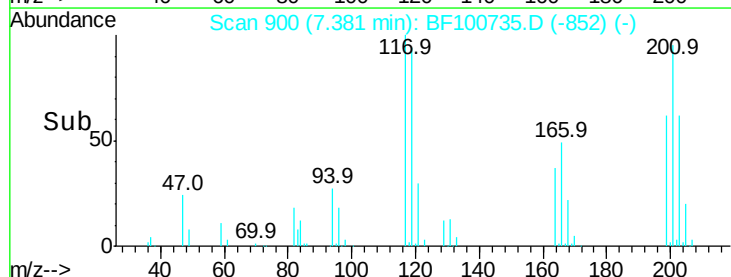
201 95.5 75.7 113.5

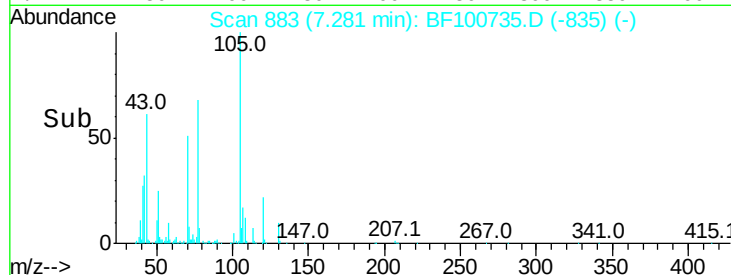
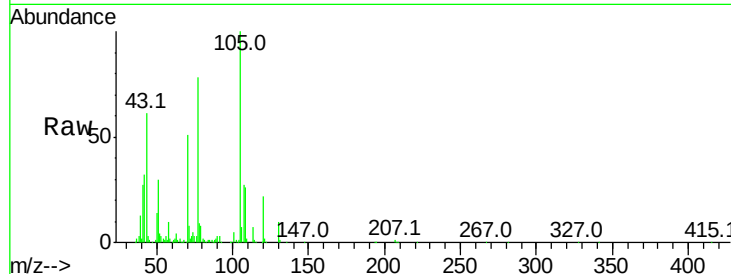
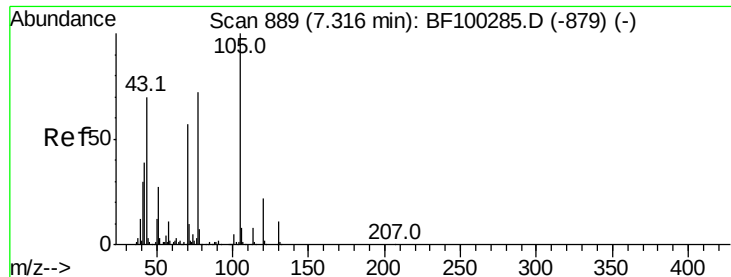


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





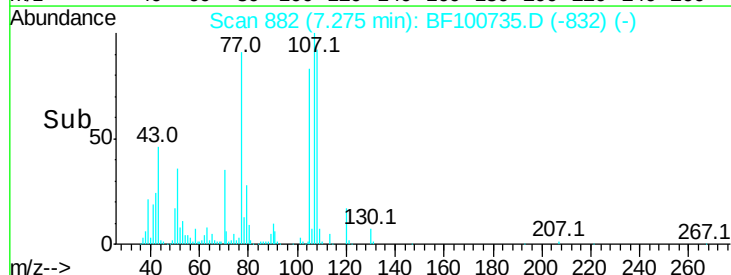
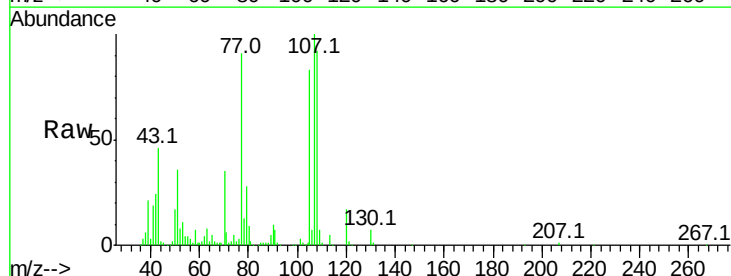
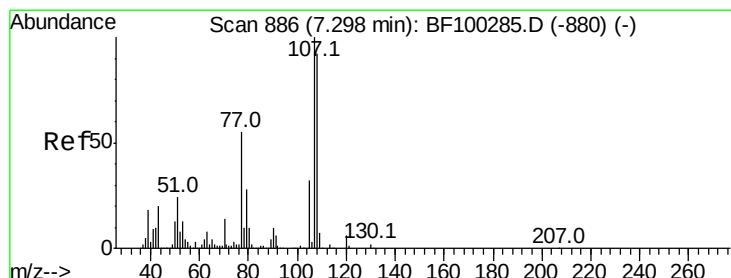
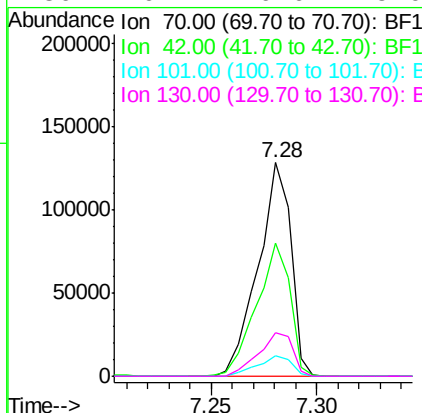
#19
n-Nitroso-di-n-propylamine
Concen: 29.248 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Manual Integrations
APPROVED

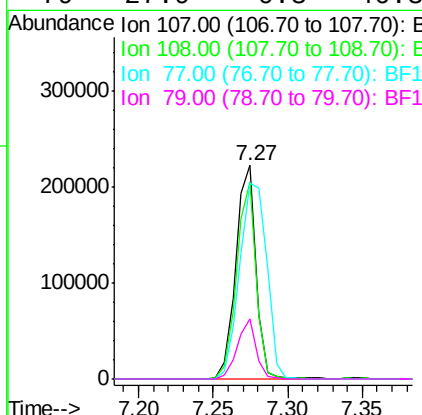
SOHIL
11/21/2017 2:15:22 PM

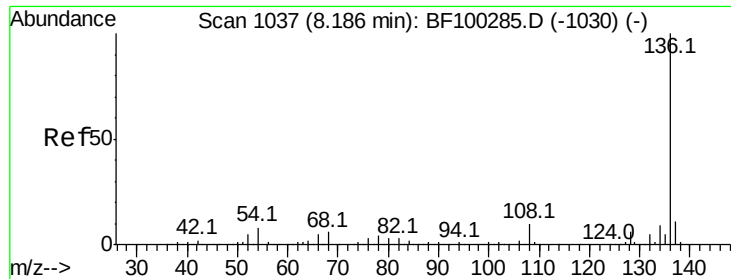
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.5	47.5	71.3
101	9.5	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.397 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	91.5	26.7	66.7#
79	27.9	6.3	46.3





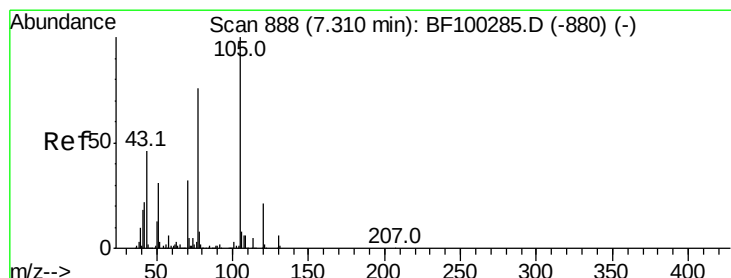
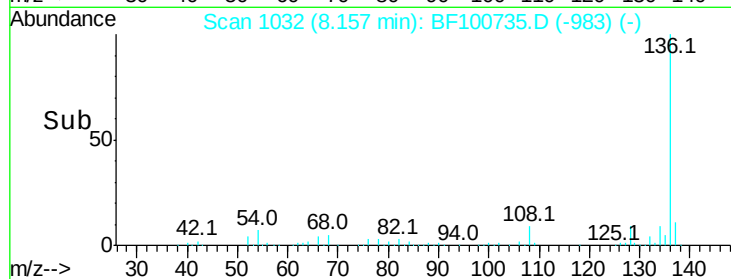
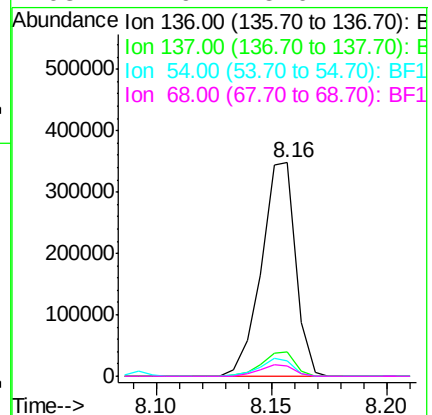
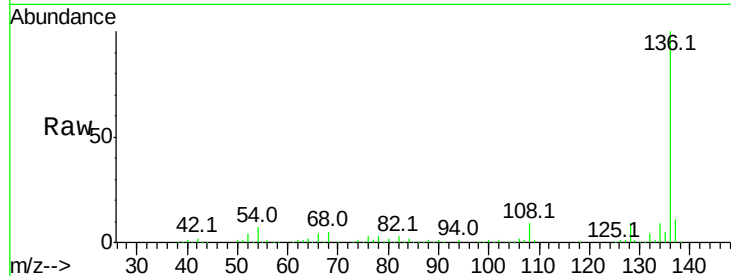
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	7.2	6.6	9.8	
68	4.9	5.0	7.4	

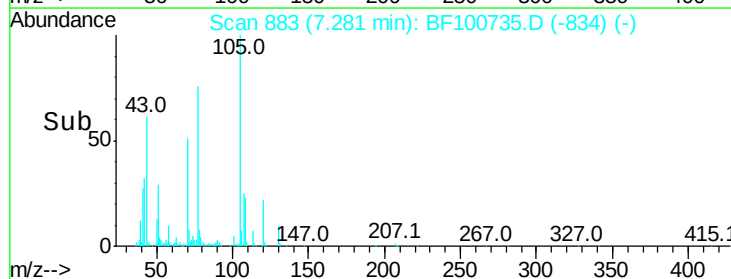
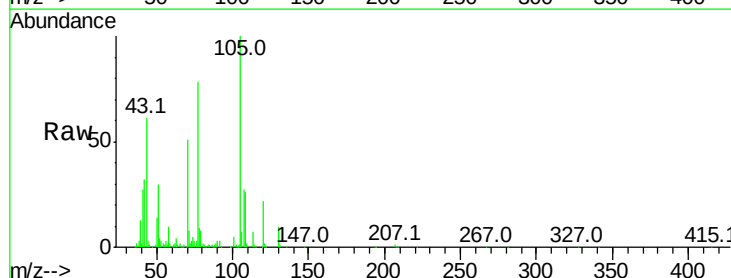
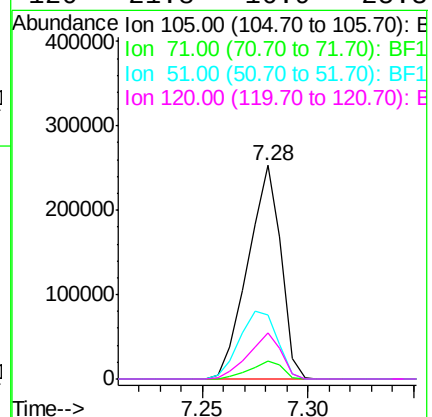
Manual Integrations
APPROVED

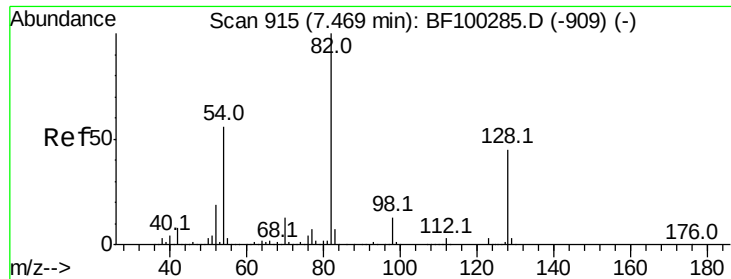
SOHIL
11/21/2017 2:15:22 PM



#22
Acetophenone
Concen: 31.375 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.4	4.4	6.6	
51	30.2	22.3	33.5	
120	21.8	16.9	25.3	





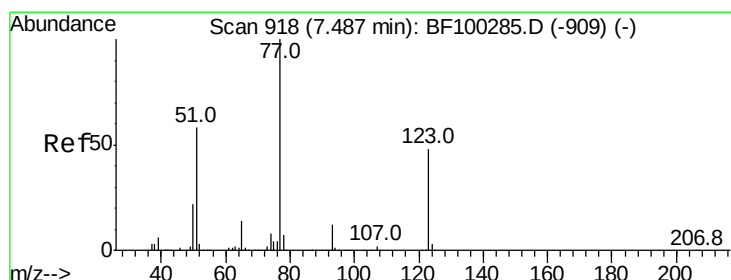
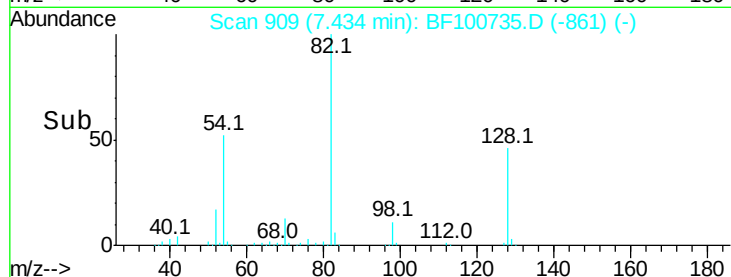
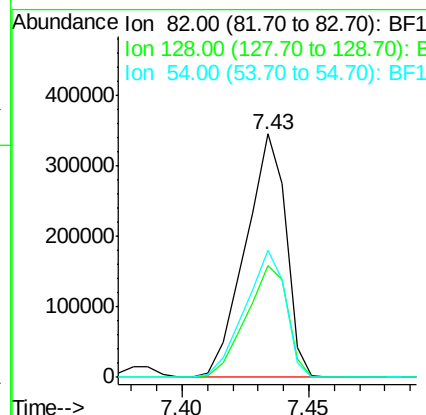
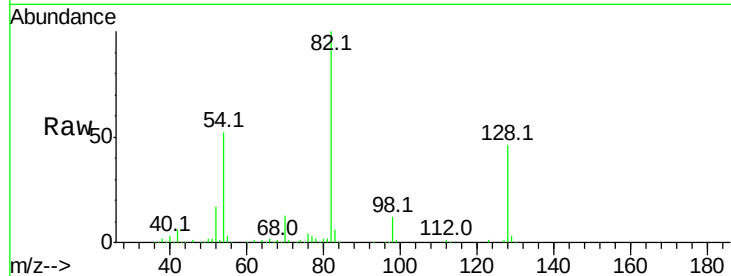
#23
 Nitrobenzene-d5
 Concen: 70.746 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleID :
 PB104390BS

Tot Ion:	82	Resp:	384617
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.1	54.1
54	52.3	41.4	62.2

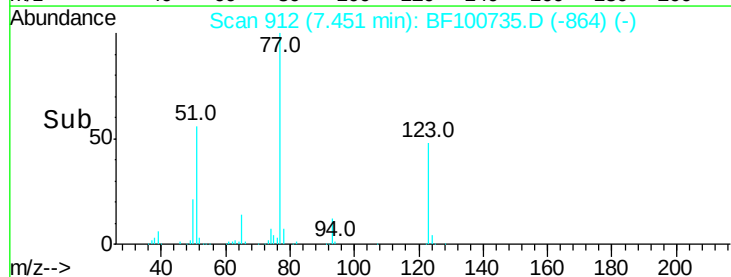
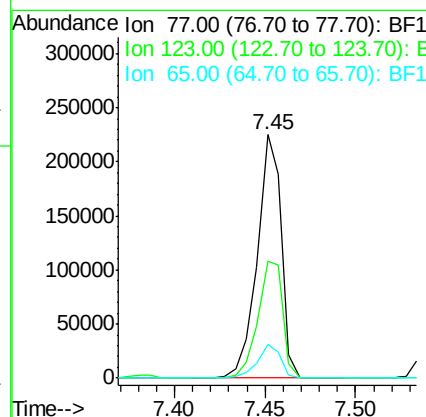
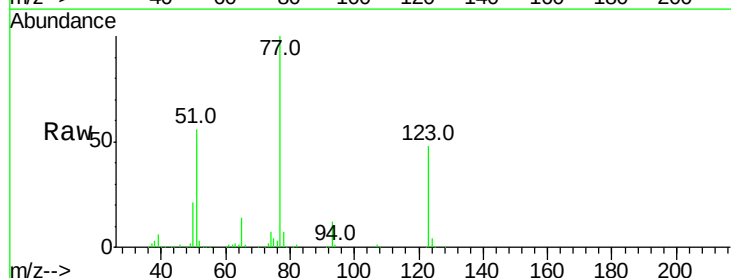
Manual Integrations
 APPROVED

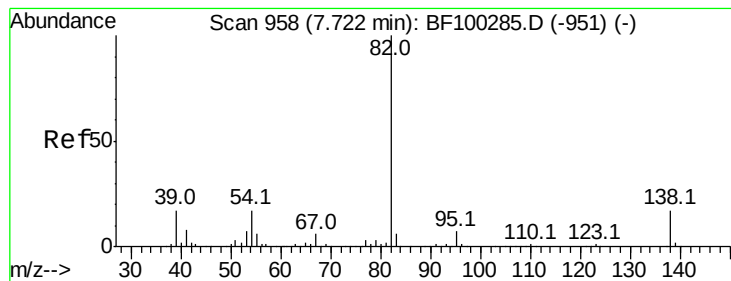
SOHIL
 11/21/2017 2:15:22 PM



#24
 Nitrobenzene
 Concen: 36.936 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion:	77	Resp:	206679
Ion Ratio	Lower	Upper	
77	100		
123	47.9	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 32.945 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

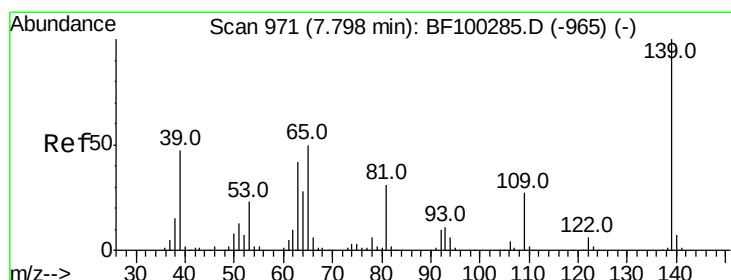
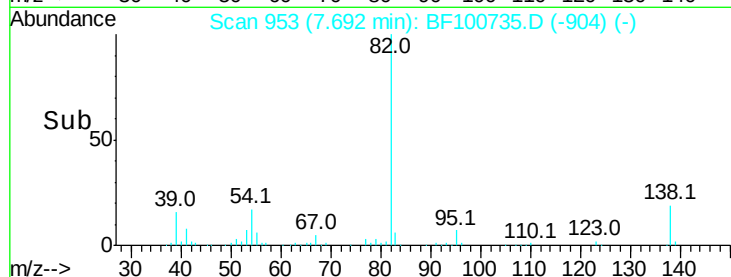
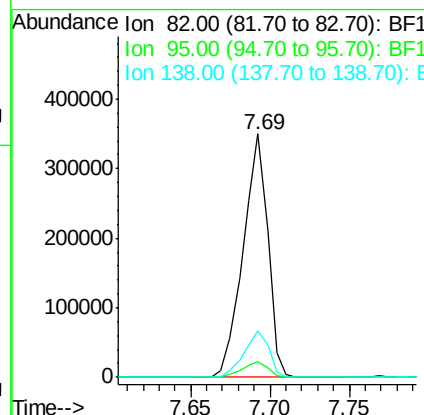
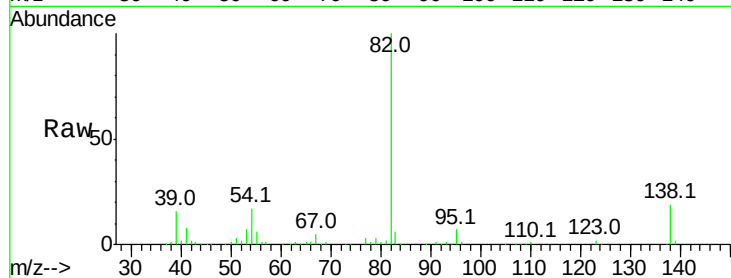
ClientSampleId :

PB104390BS

Tot Ion:	82	Resp:	376383
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	19.2	14.9	22.3

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:15:22 PM



#26

2-Nitrophenol

Concen: 44.223 ng

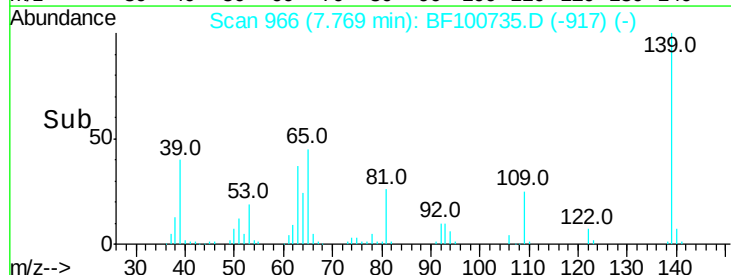
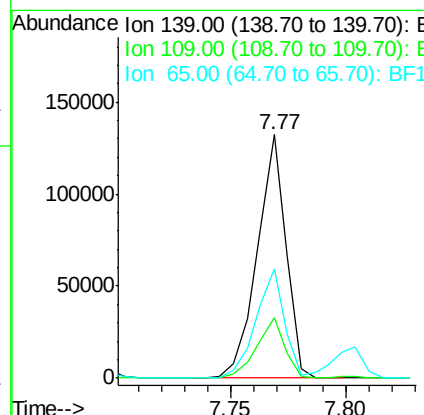
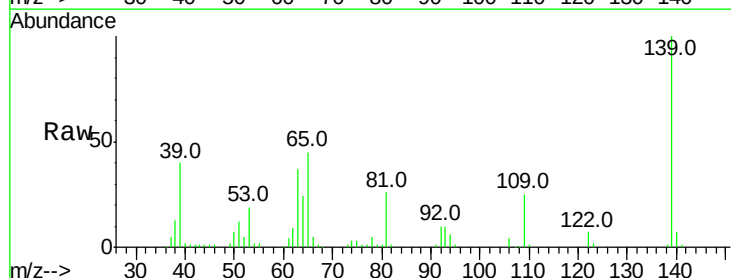
RT: 7.77 min Scan# 966

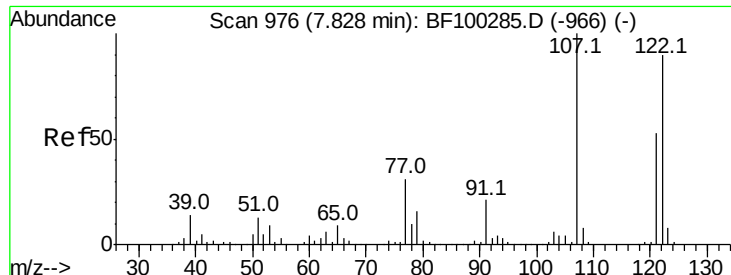
Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Tgt Ion:	139	Resp:	114772
Ion Ratio	Lower	Upper	
139	100		
109	24.6	22.7	34.1
65	44.8	40.5	60.7





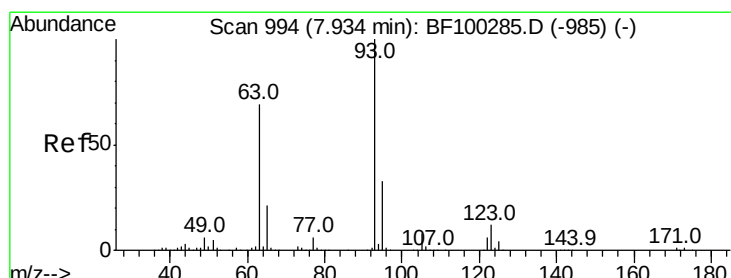
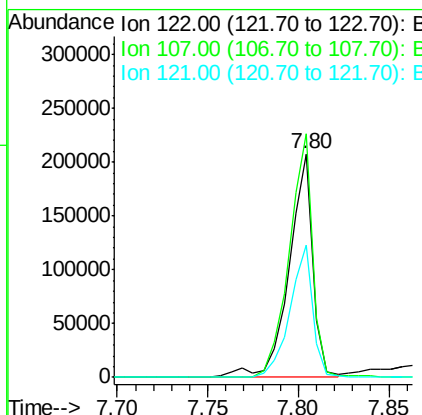
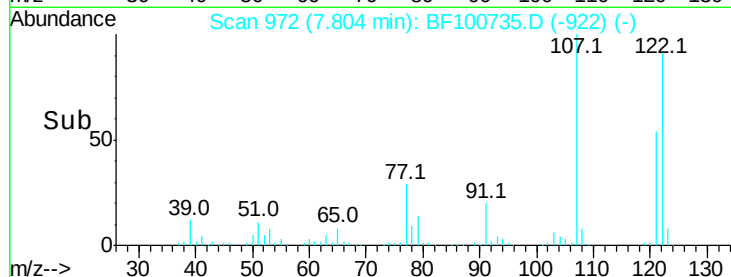
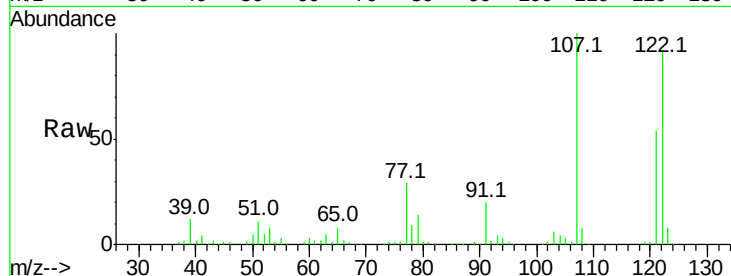
#27
2,4-Dimethylphenol
Concen: 37.481 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		191953		
107	108.8	91.2	136.8		
121	59.3	47.2	70.8		

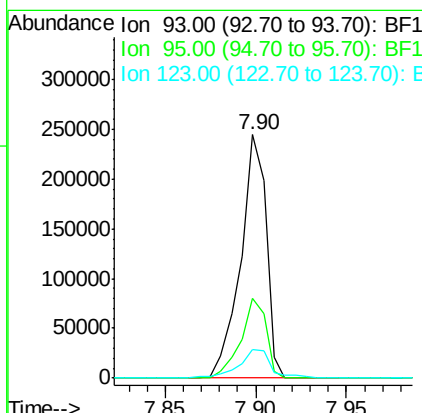
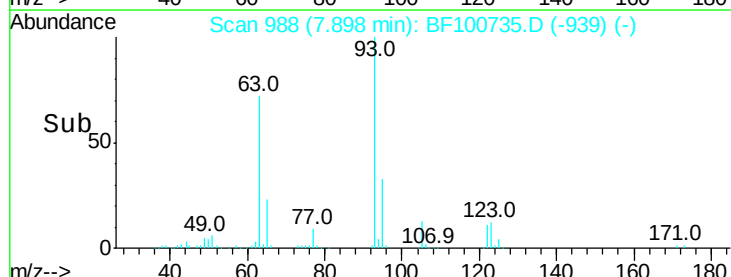
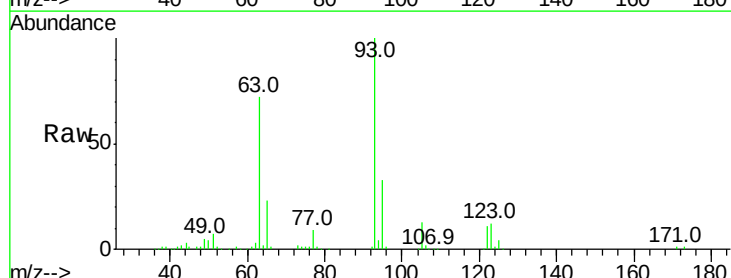
Manual Integrations
APPROVED

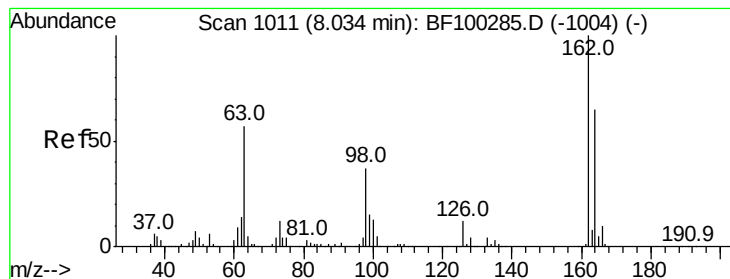
SOHIL
11/21/2017 2:15:22 PM



#28
bis(2-Chloroethoxy)methane
Concen: 32.067 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		239638		
95	32.9	26.3	39.5		
123	11.8	9.8	14.6		





#29

2,4-Dichlorophenol

Concen: 37.374 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

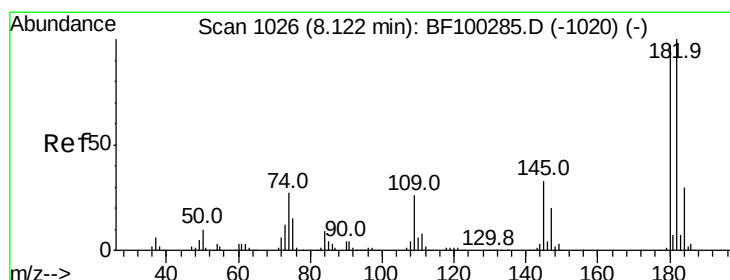
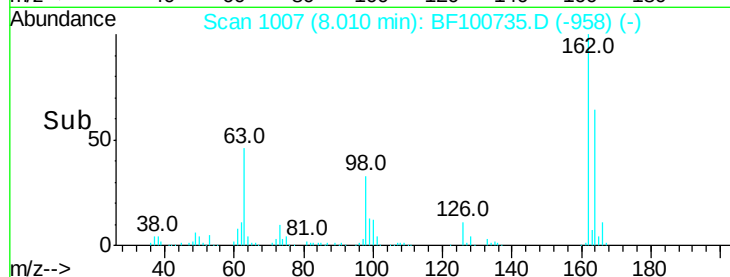
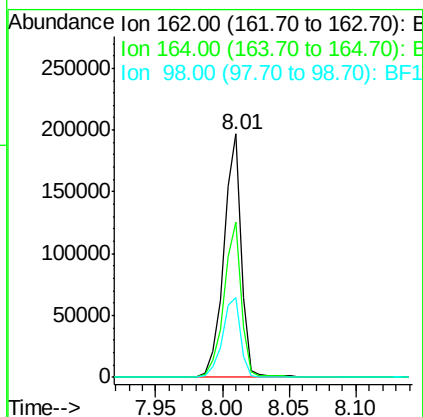
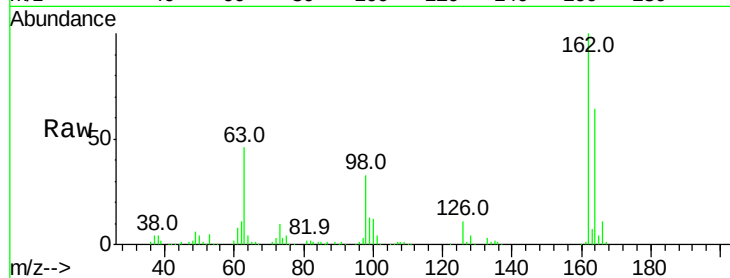
ClientSampled :

PB104390BS

Tot Ion:	162	Resp:	182728
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.7	82.7
98	32.9	18.1	58.1

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:15:22 PM



#30

1,2,4-Trichlorobenzene

Concen: 36.035 ng

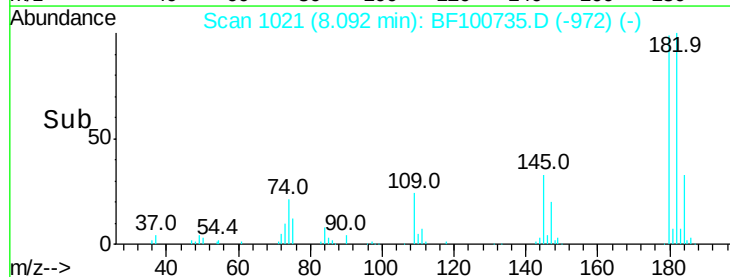
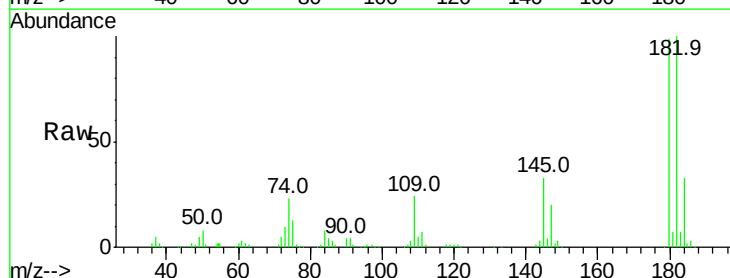
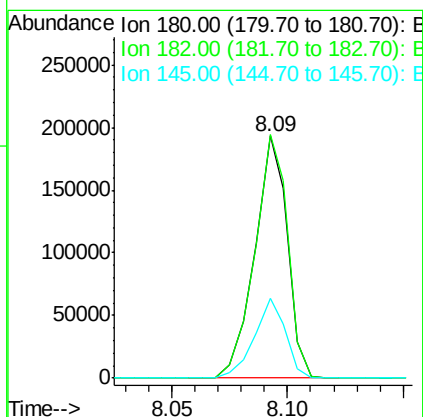
RT: 8.09 min Scan# 1021

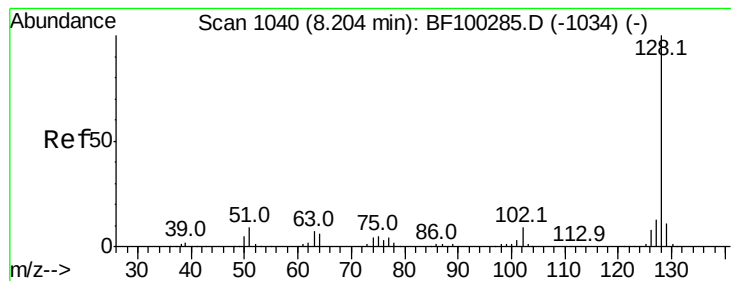
Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Tgt Ion:	180	Resp:	190574
Ion Ratio	Lower	Upper	
180	100		
182	100.6	76.8	115.2
145	32.9	26.5	39.7





#31

Naphthalene

Concen: 34.564 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

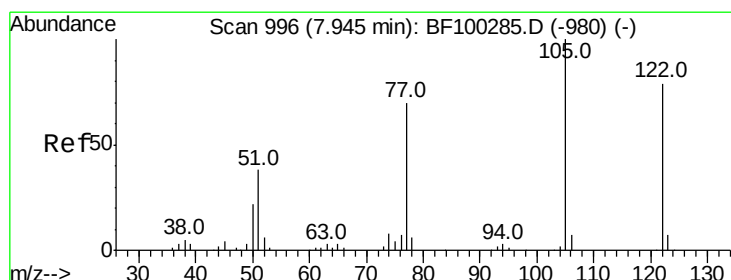
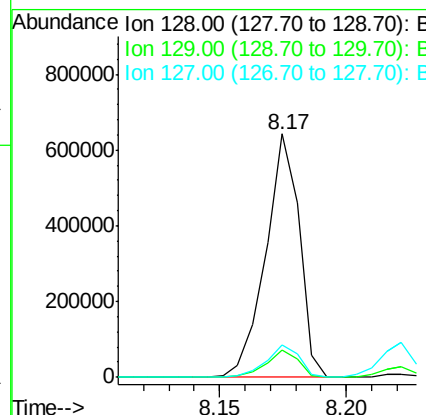
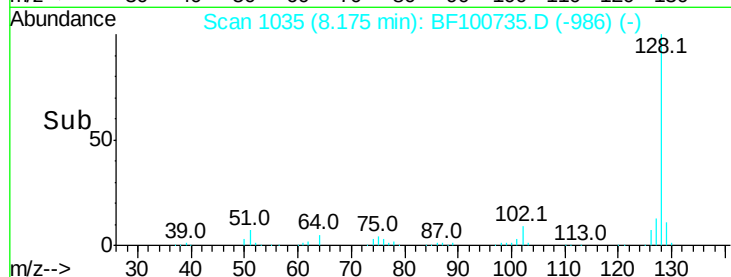
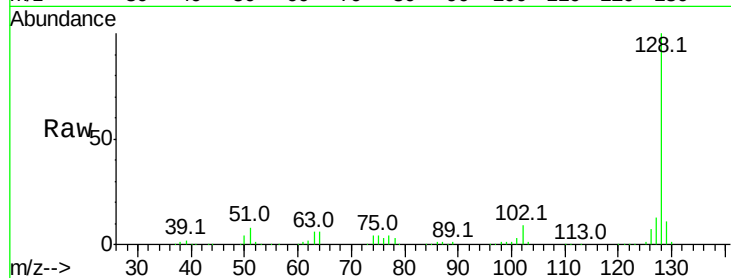
ClientSampleId :

PB104390BS

Tot Ion:	128	Resp:	598368
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.1	10.9	16.3

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:15:22 PM



#32

Benzoic acid

Concen: 34.487 ng

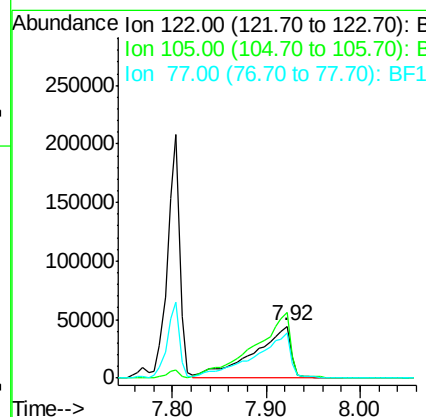
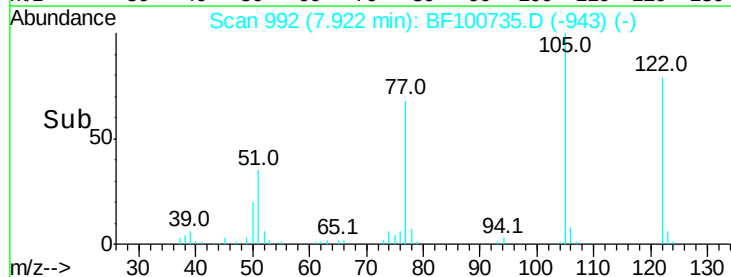
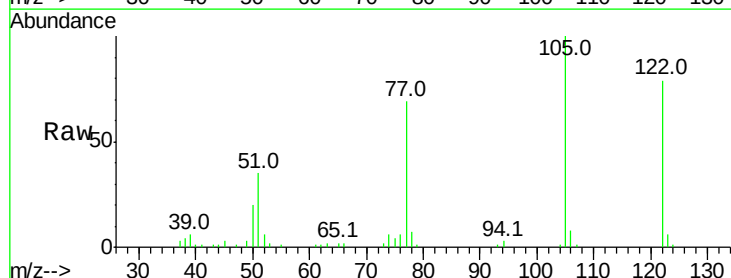
RT: 7.92 min Scan# 992

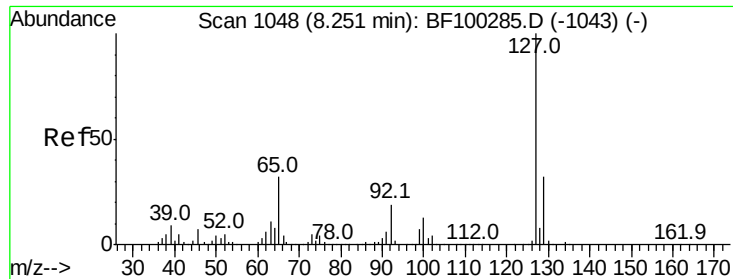
Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Tgt Ion:	122	Resp:	122393
Ion Ratio	Lower	Upper	
122	100		
105	126.8	101.1	141.1
77	87.3	70.7	110.7





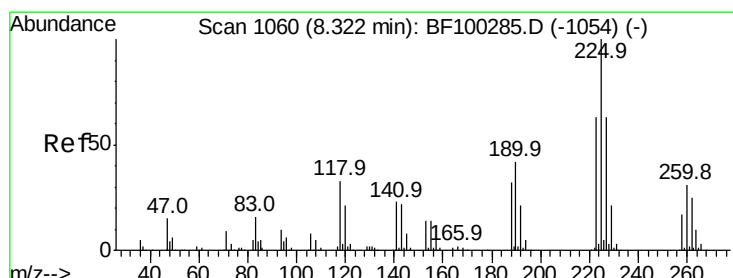
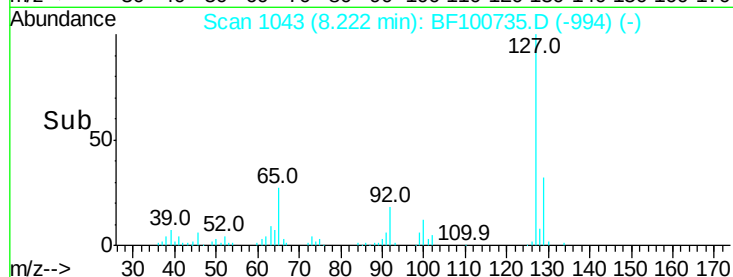
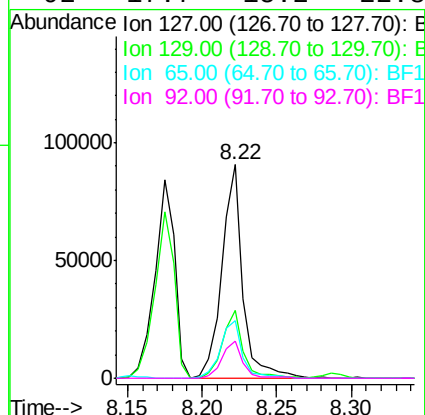
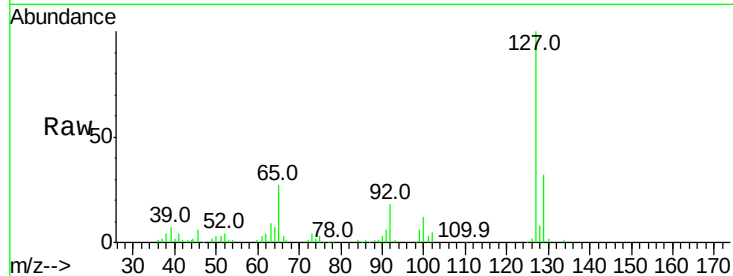
#33
4-Chloroaniline
Concen: 12.360 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	27.1	25.0	37.4
92	17.7	15.2	22.8

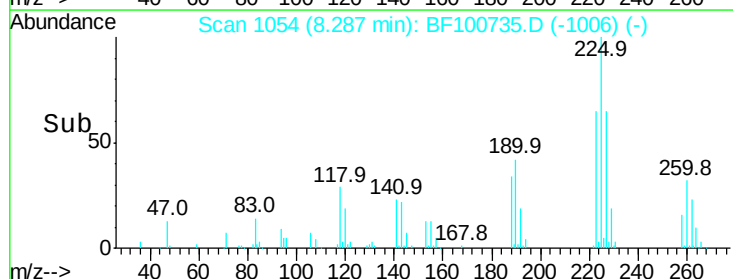
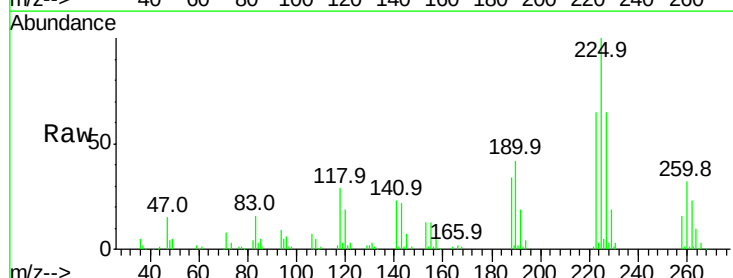
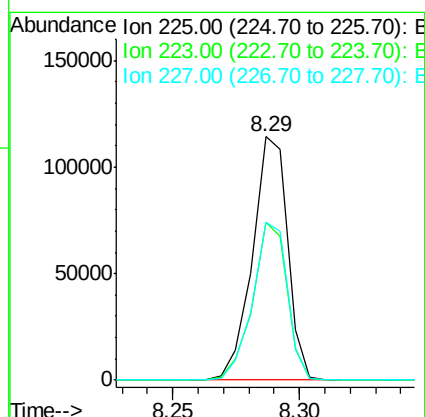
Manual Integrations
APPROVED

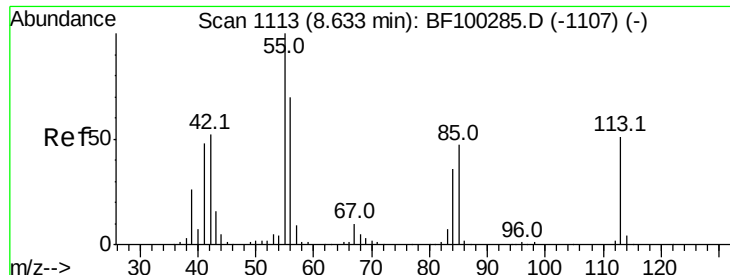
SOHIL
11/21/2017 2:15:22 PM



#34
Hexachlorobutadiene
Concen: 35.244 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	64.6	51.9	77.9





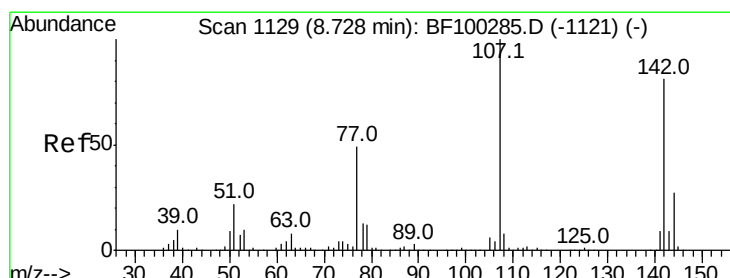
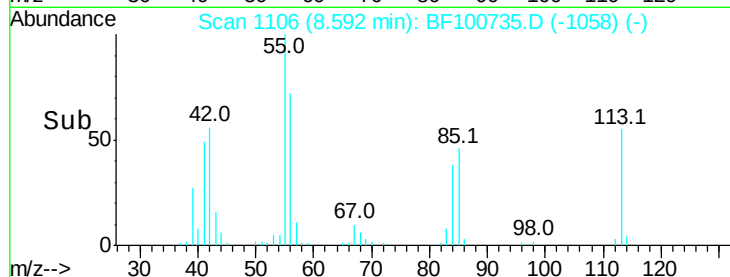
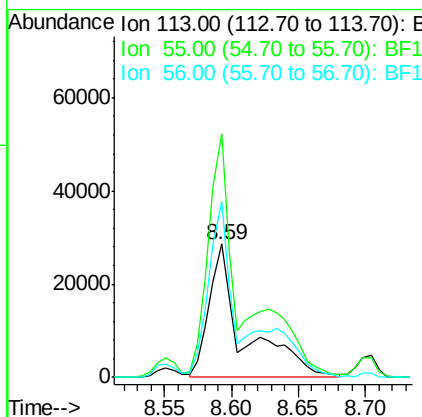
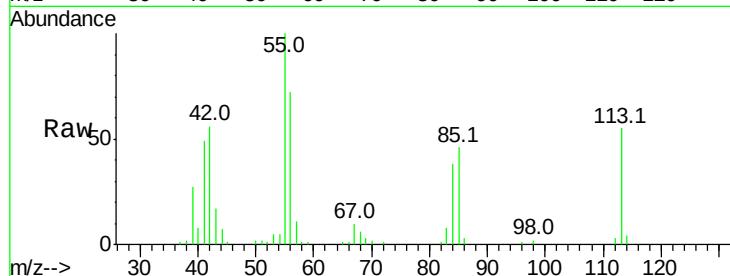
#35
 Caprolactam
 Concen: 30.268 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.1	163.3	203.3
56	132.2	115.7	155.7

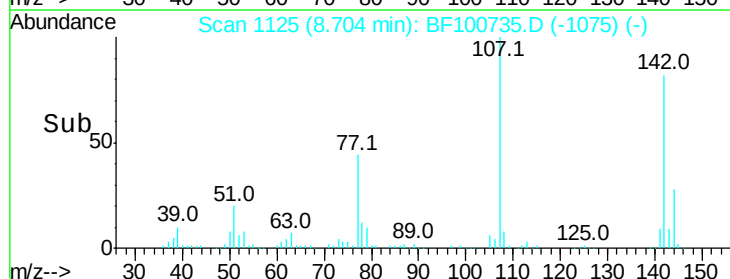
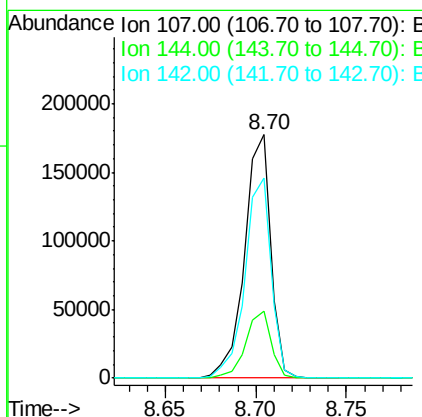
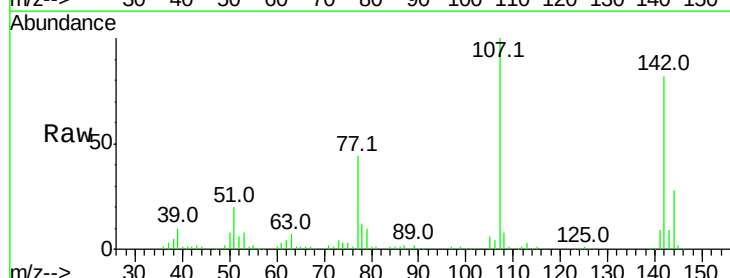
Manual Integrations
 APPROVED

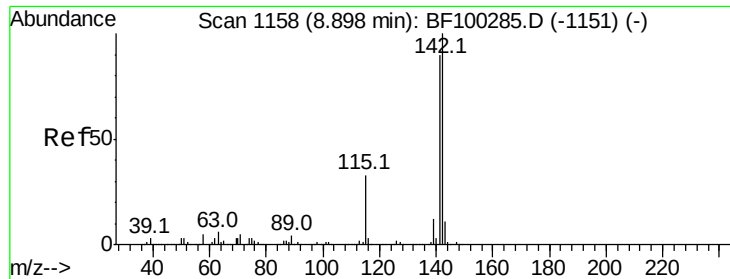
SOHIL
 11/21/2017 2:15:22 PM



#36
 4-Chloro-3-methylphenol
 Concen: 34.052 ng/ml
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.6	20.5	30.7
142	82.2	62.0	93.0





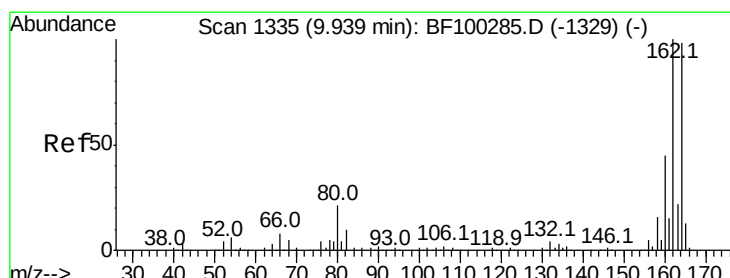
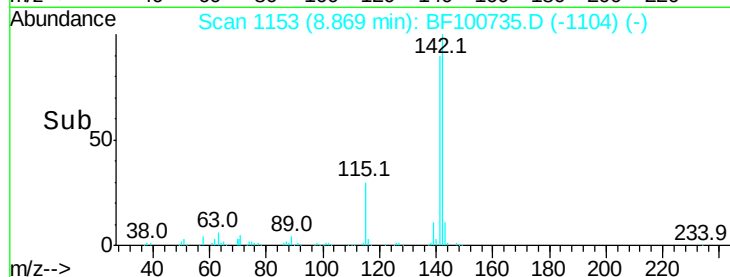
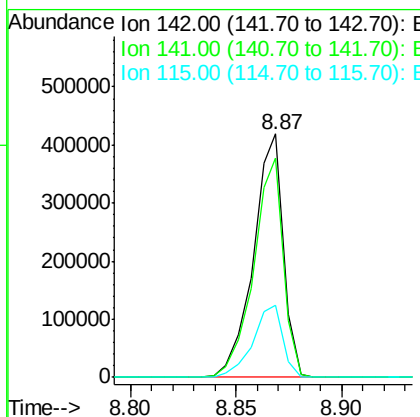
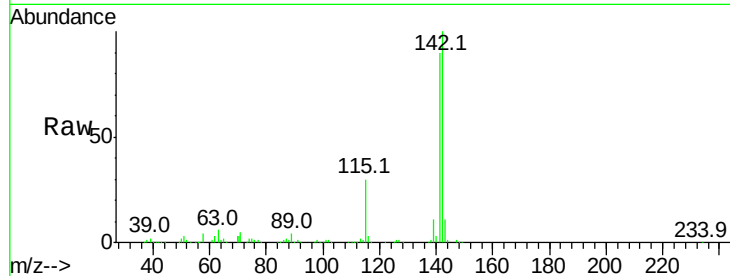
#37
2-Methylnaphthalene
Concen: 35.895 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampled :
PB104390BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	29.6	26.1	39.1

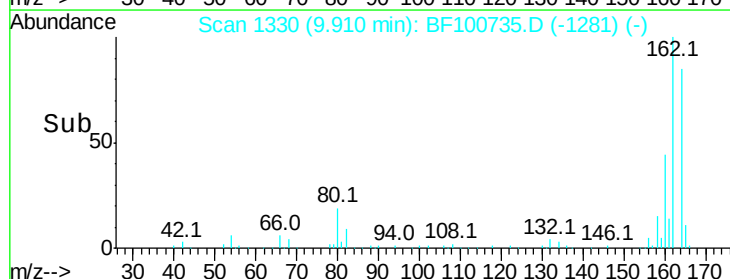
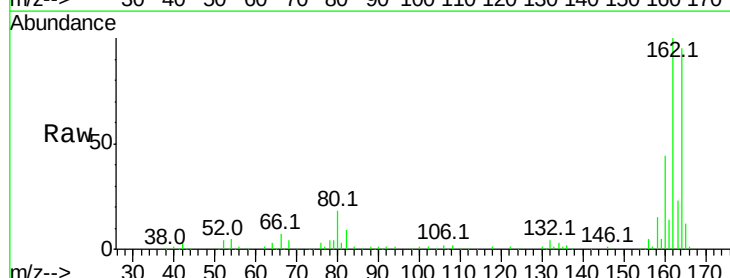
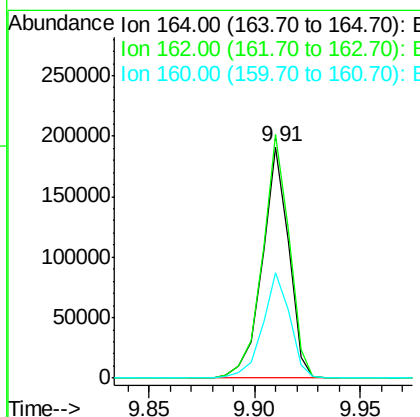
Manual Integrations
APPROVED

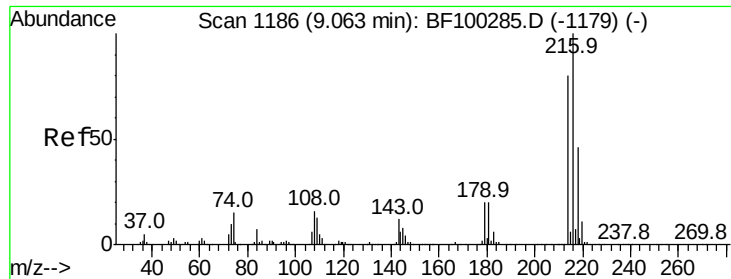
SOHIL
11/21/2017 2:15:22 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	45.8	38.3	57.5





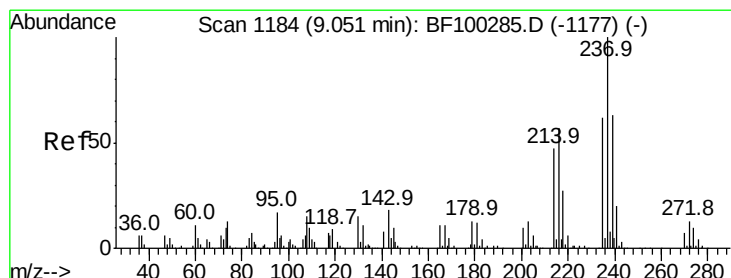
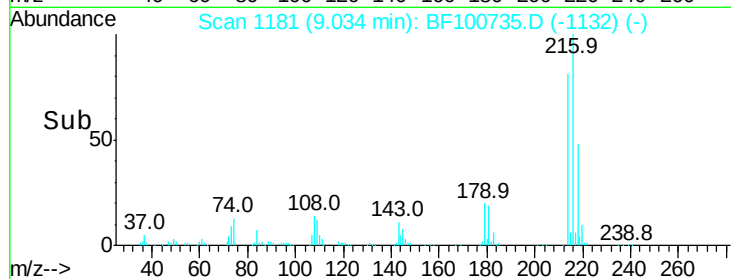
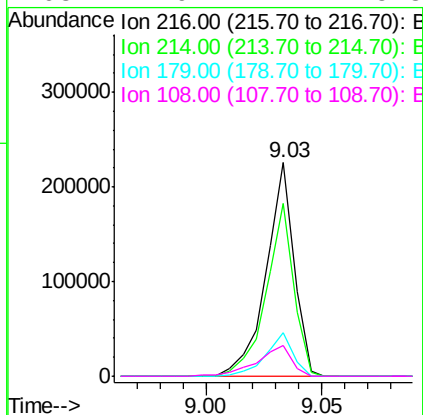
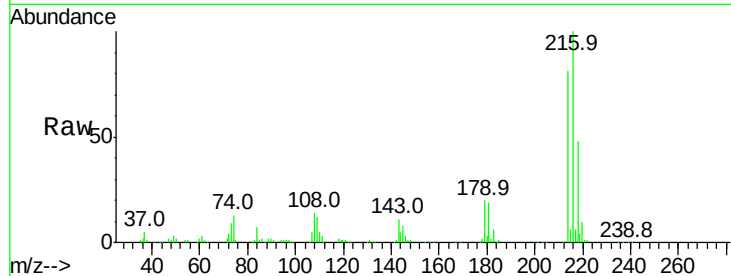
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.401 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	189523		
214	79.8	63.0	94.4	
179	19.8	18.1	27.1	
108	17.9	17.2	25.8	

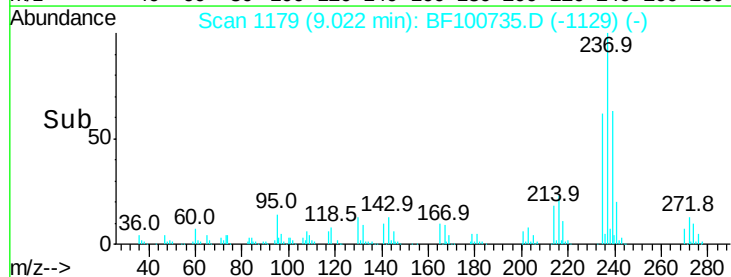
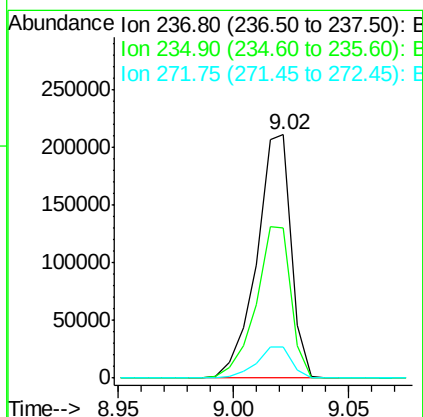
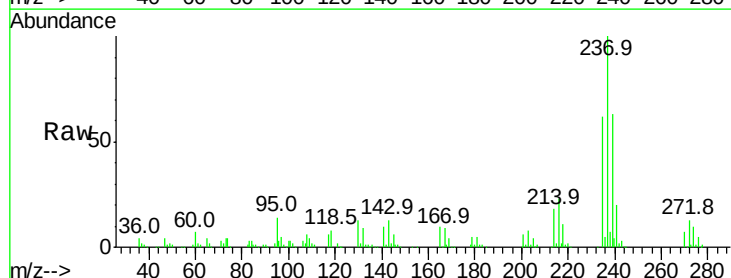
Manual Integrations
 APPROVED

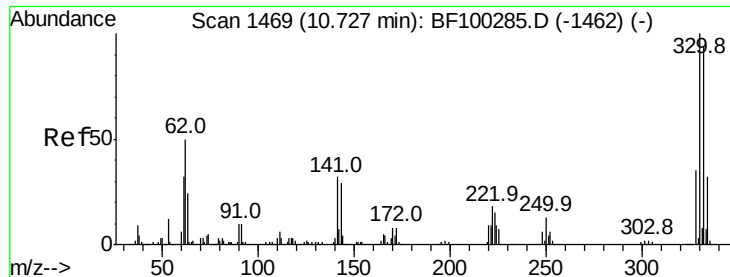
SOHIL
 11/21/2017 2:15:22 PM



#40
 Hexachlorocyclopentadiene
 Concen: 84.849 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	220004		
235	61.7	44.8	84.8	
272	12.7	0.0	33.3	





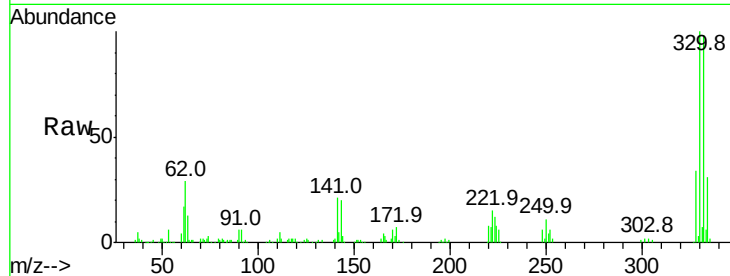
#41
 2,4,6-Tribromophenol
 Concen: 106.159 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

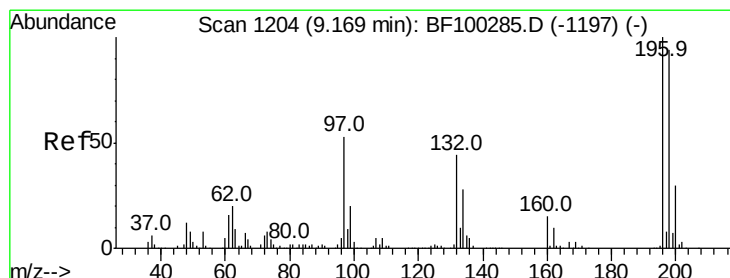
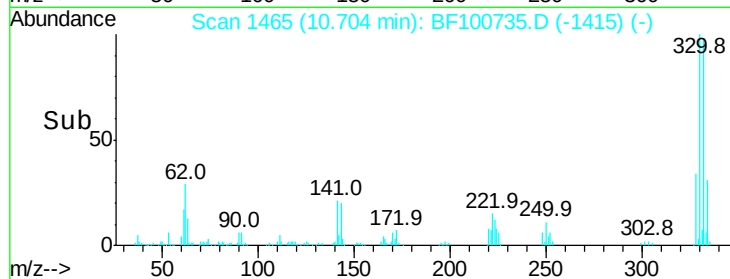
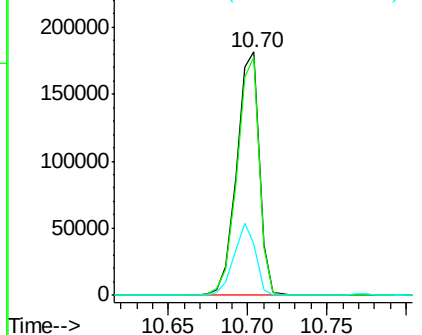
Tot Ion	Ratio	Resp	Lower	Upper
330	100	179697		
332	95.9	77.0	115.6	
141	28.2	29.9	44.9#	

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:15:22 PM



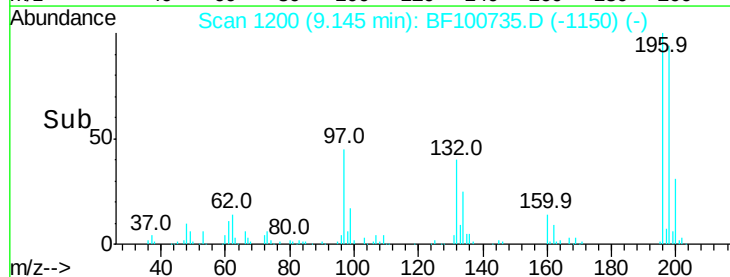
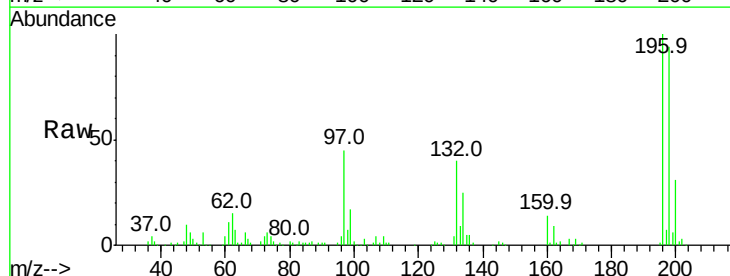
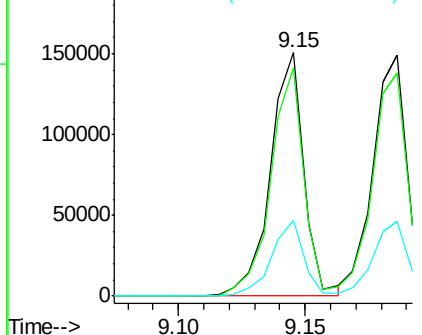
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

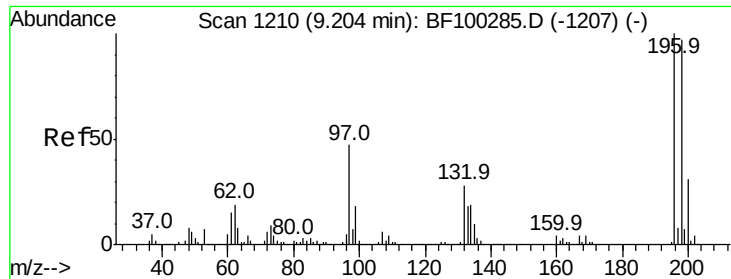


#42
 2,4,6-Trichlorophenol
 Concen: 39.537 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	138049		
198	94.0	75.7	113.5	
200	31.2	24.5	36.7	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





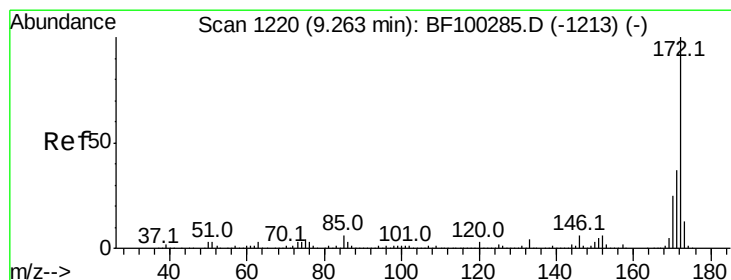
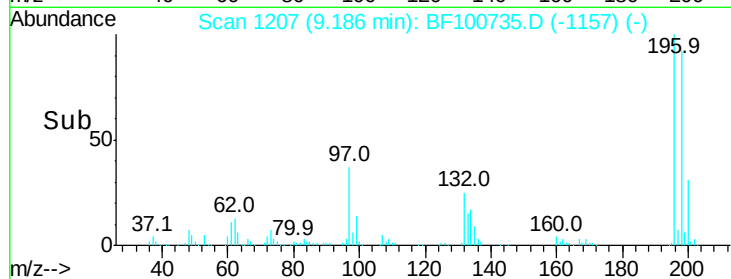
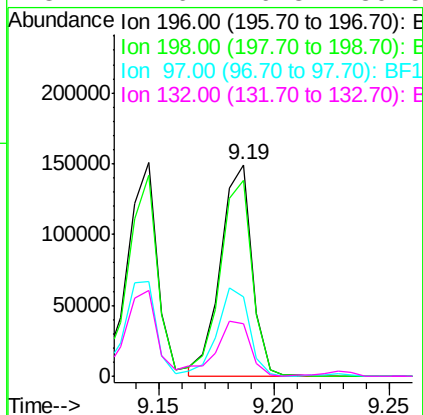
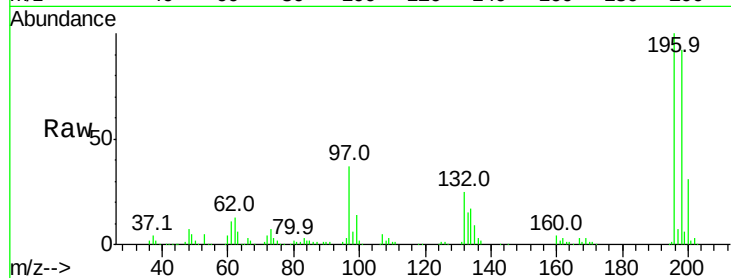
#43
 2,4,5-Trichlorophenol
 Concen: 38.908 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.4	74.6	112.0	
97	37.3	42.9	64.3	
132	24.6	26.3	39.5	

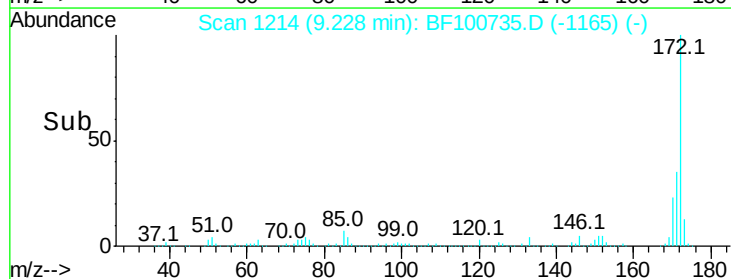
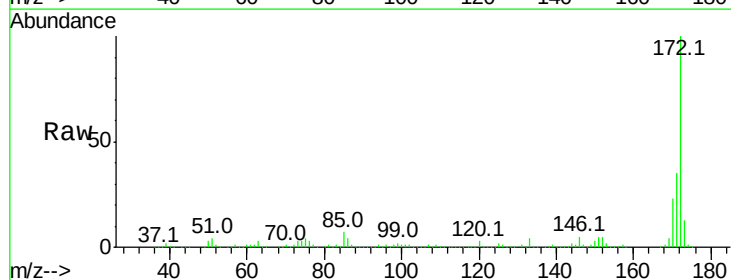
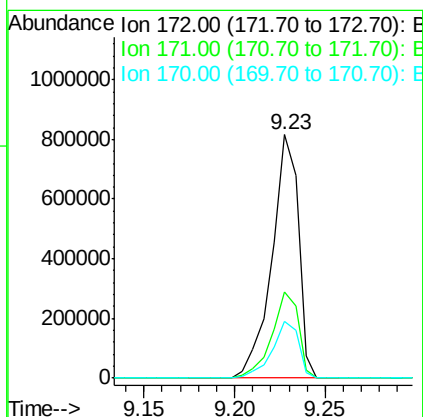
Manual Integrations
 APPROVED

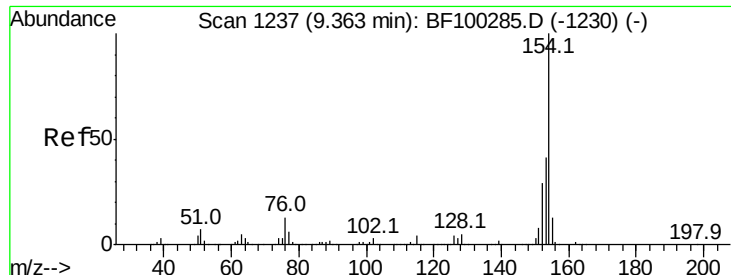
SOHIL
 11/21/2017 2:15:22 PM



#44
 2-Fluorobiphenyl
 Concen: 75.954 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.7	44.5	
170	23.1	19.6	29.4	





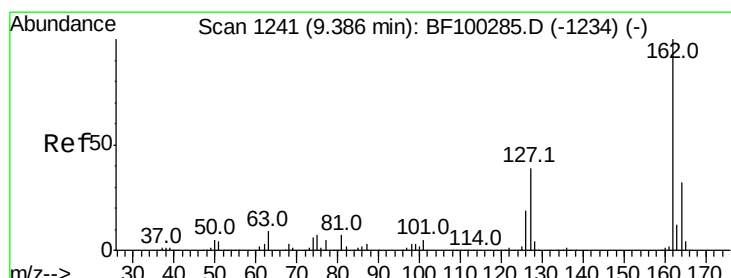
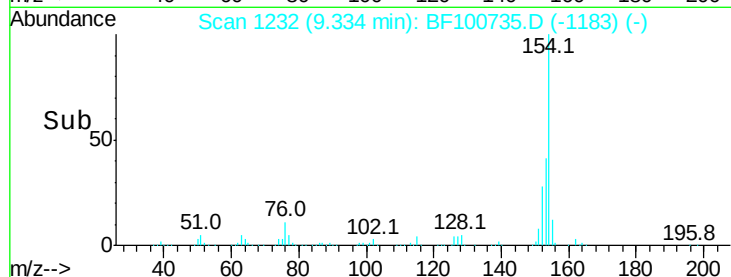
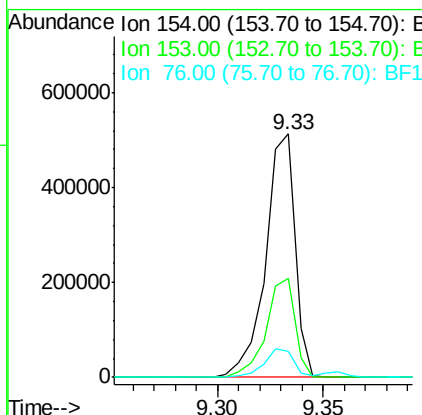
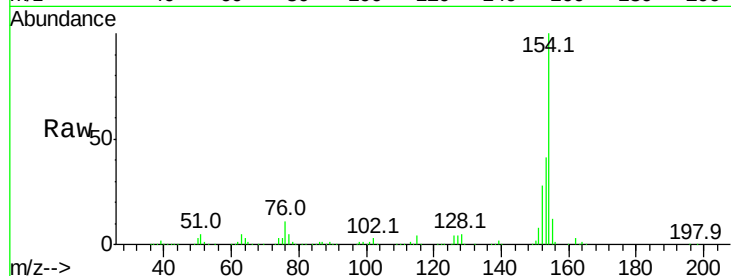
#45
 1,1'-Biphenyl
 Concen: 34.589 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	21.3	61.3	
76	10.5	0.0	34.0	

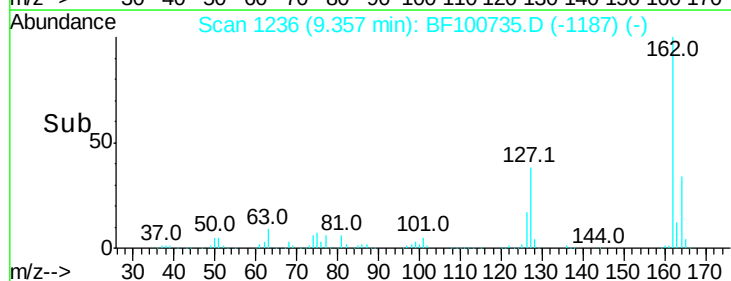
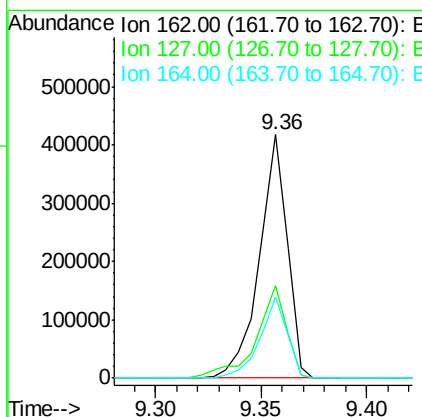
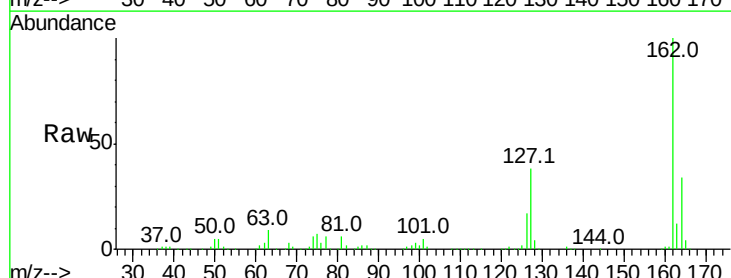
Manual Integrations
 APPROVED

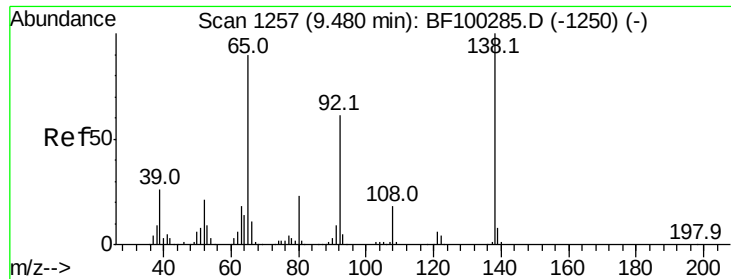
SOHIL
 11/21/2017 2:15:22 PM



#46
 2-Chloronaphthalene
 Concen: 36.891 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.0	33.9	50.9	
164	33.5	26.5	39.7	





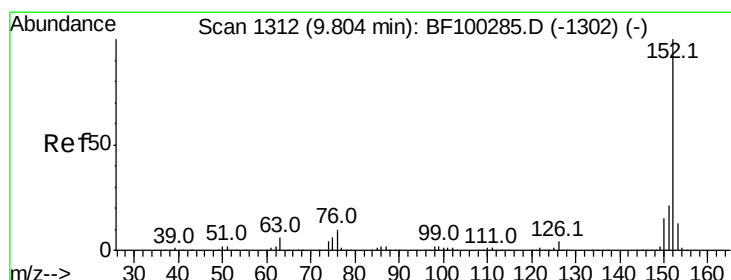
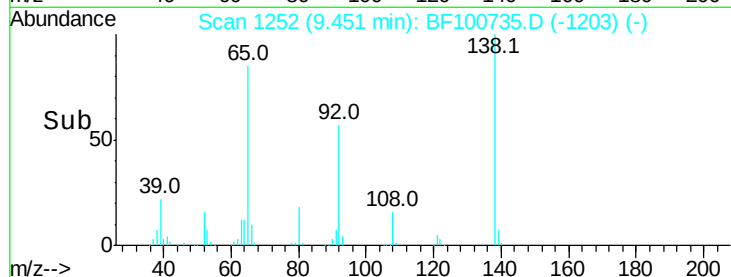
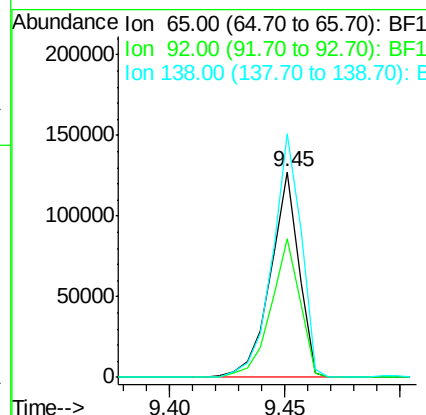
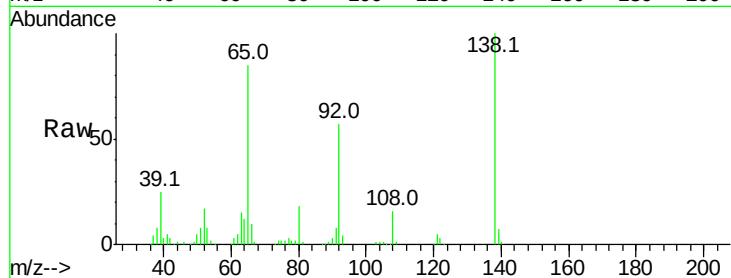
#47
2-Nitroaniline
Concen: 36.166 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.8	83.6
138	118.3	91.2	136.8

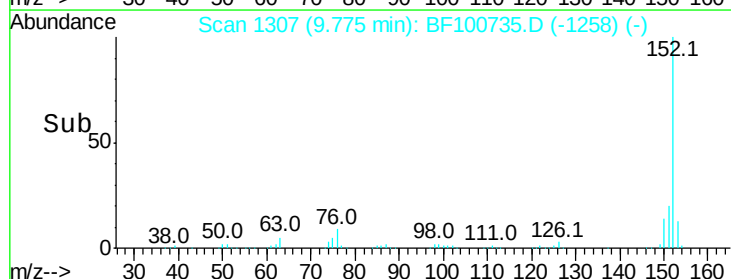
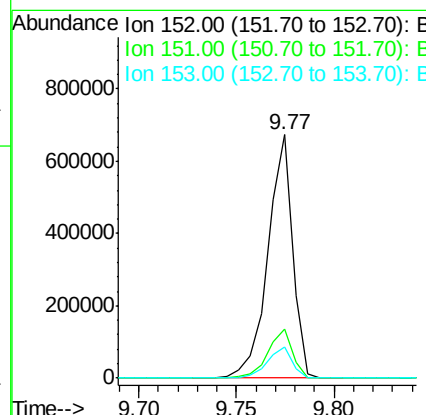
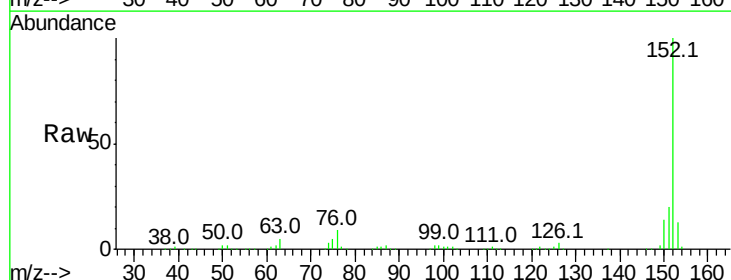
Manual Integrations
APPROVED

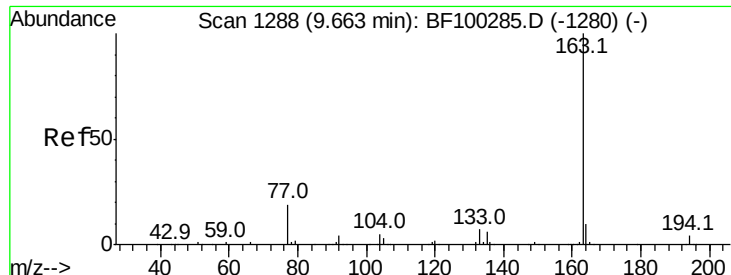
SOHIL
11/21/2017 2:15:22 PM



#48
Acenaphthylene
Concen: 34.199 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.8	10.7	16.1





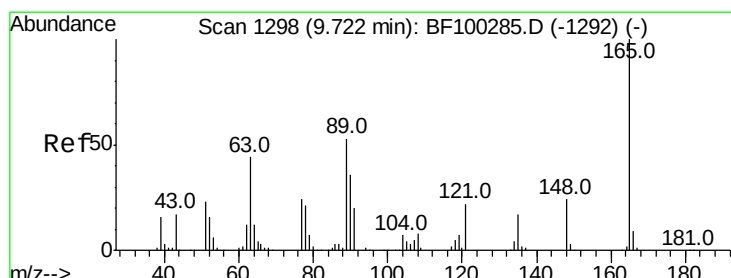
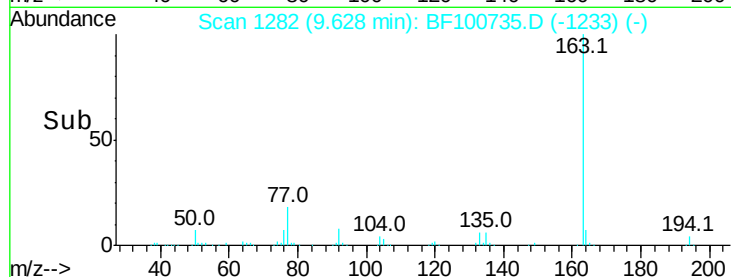
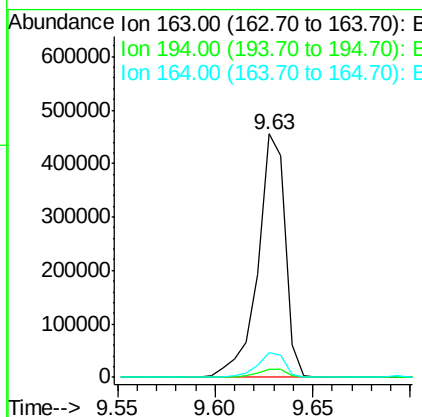
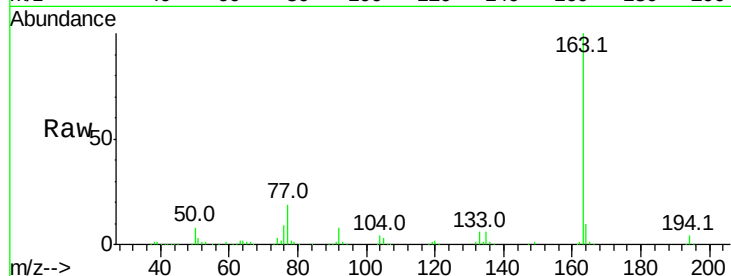
#49
Dimethylphthalate
Concen: 34.697 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	440072		
194	3.5		2.7	4.1
164	10.4		8.2	12.2

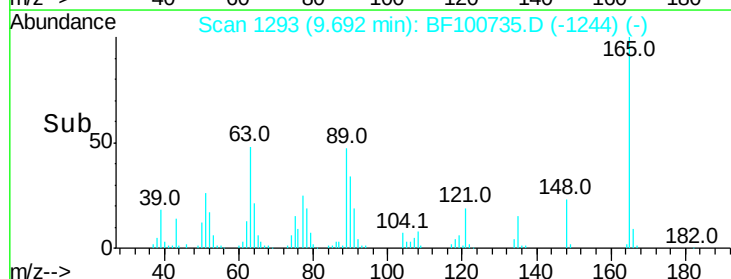
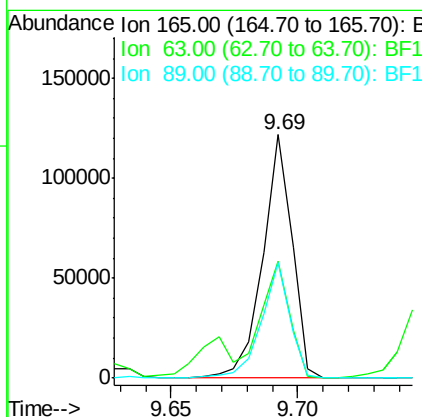
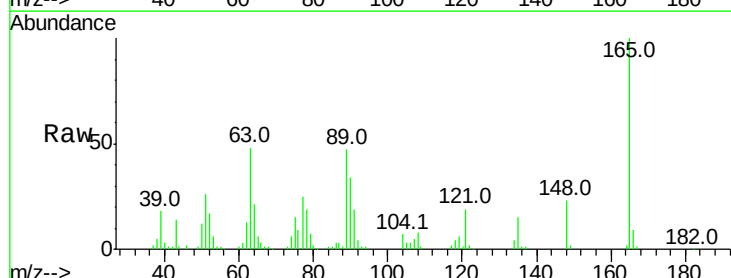
Manual Integrations
APPROVED

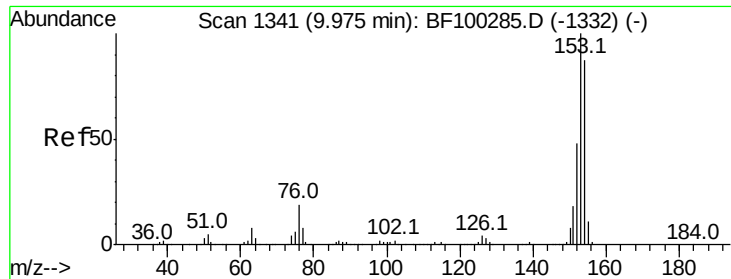
SOHIL
11/21/2017 2:15:22 PM



#50
2,6-Dinitrotoluene
Concen: 39.454 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	99050		
63	48.2		44.7	67.1
89	47.3		44.0	66.0





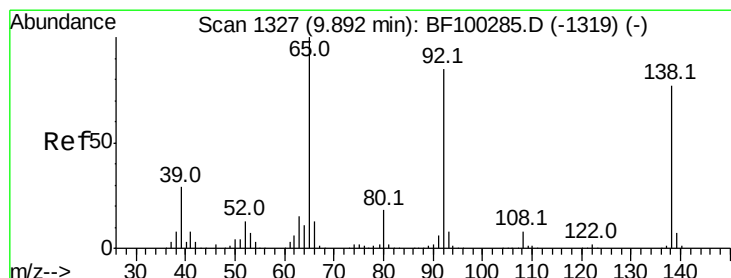
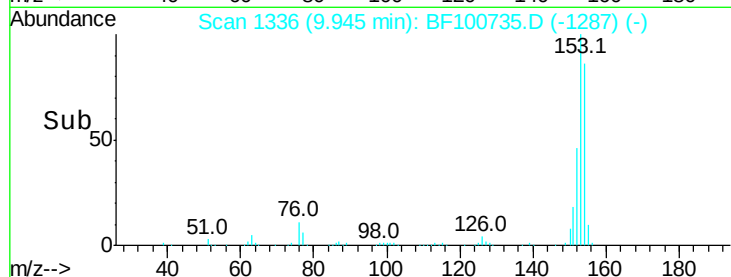
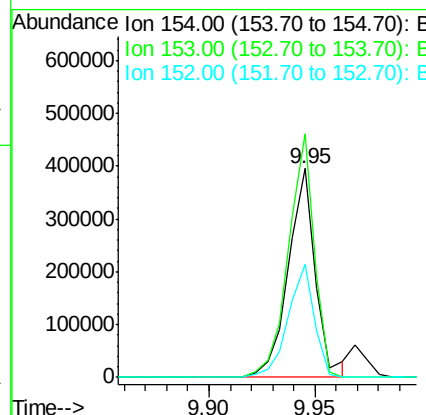
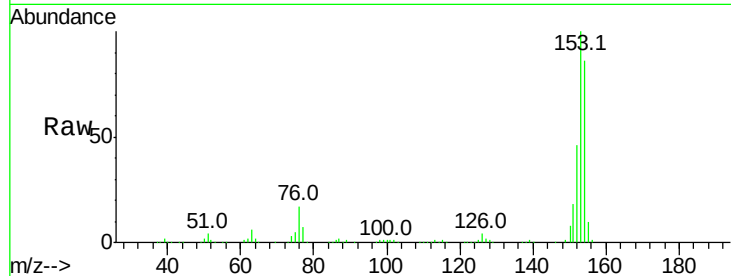
#51
Acenaphthene
Concen: 33.870 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.7	91.2	136.8
152	54.3	43.8	65.8

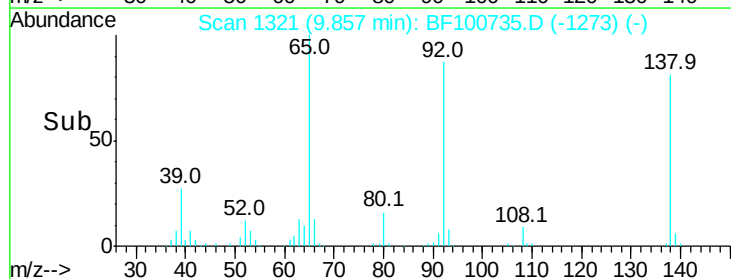
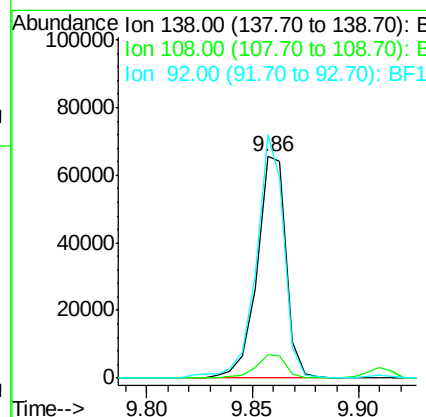
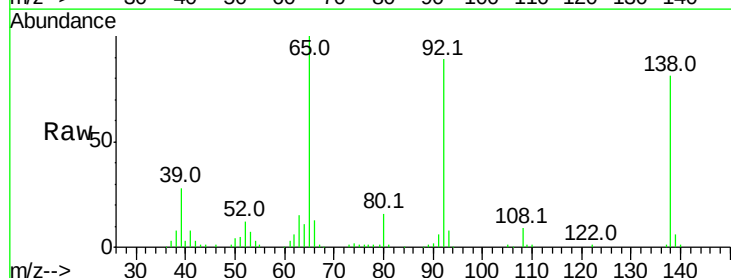
Manual Integrations
APPROVED

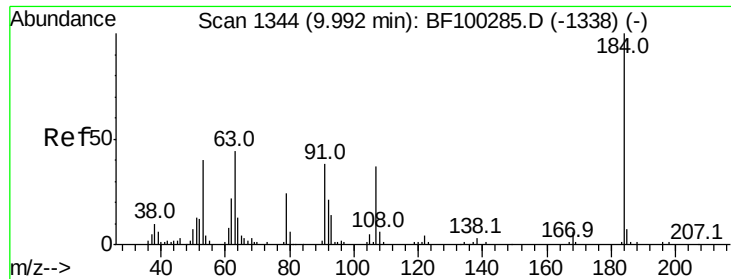
SOHIL
11/21/2017 2:15:22 PM



#52
3-Nitroaniline
Concen: 21.156 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.4	14.0
92	110.0	89.4	134.2





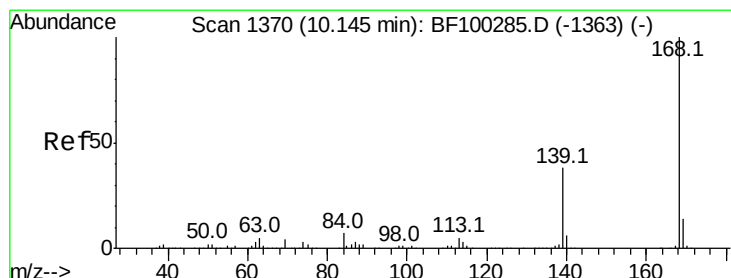
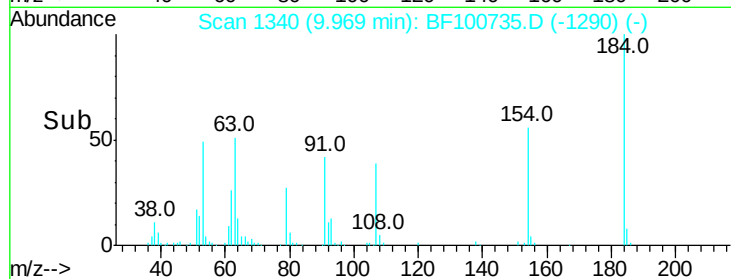
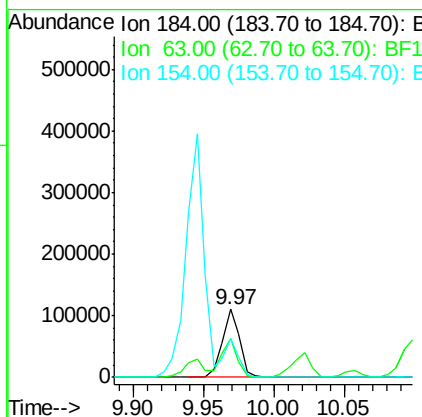
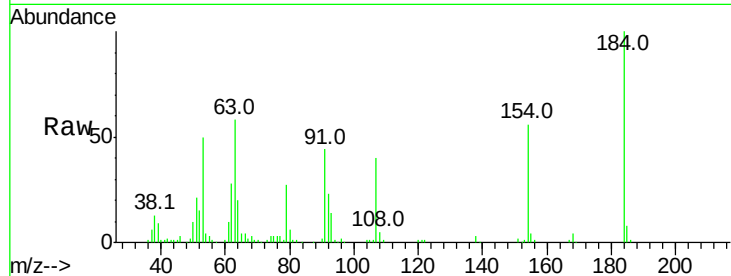
#53
 2,4-Dinitrophenol
 Concen: 83.890 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleID :
 PB104390BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.0	54.2	81.2
154	56.4	184.0	276.0#

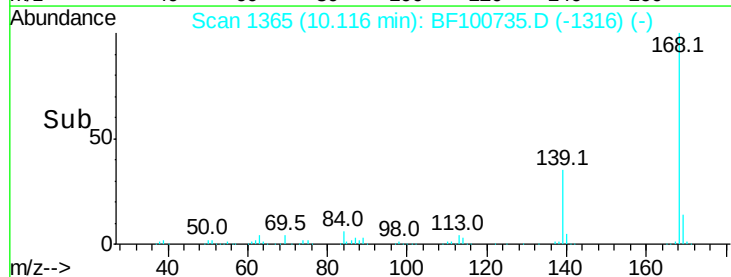
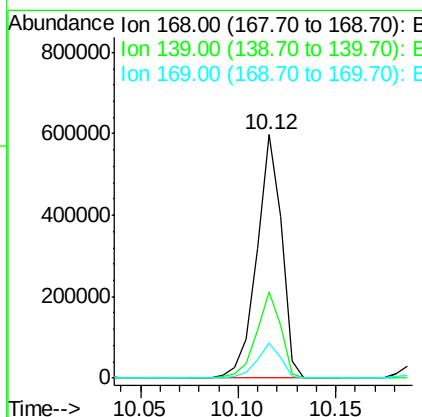
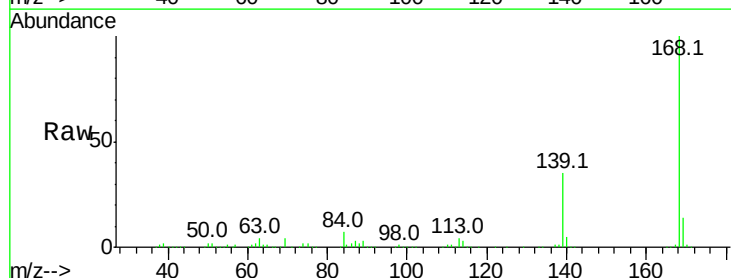
Manual Integrations
 APPROVED

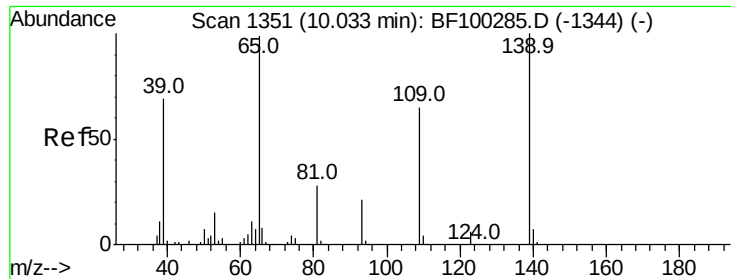
SOHIL
 11/21/2017 2:15:22 PM



#54
 Dibenzofuran
 Concen: 35.674 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	30.1	45.1
169	14.3	10.9	16.3





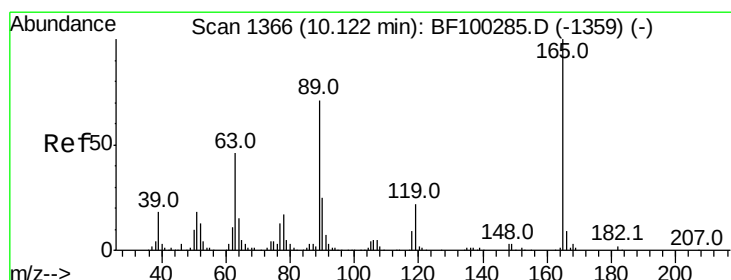
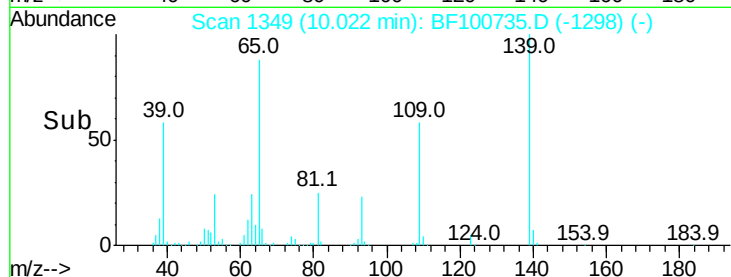
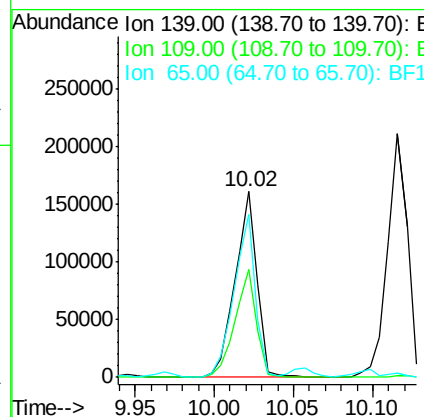
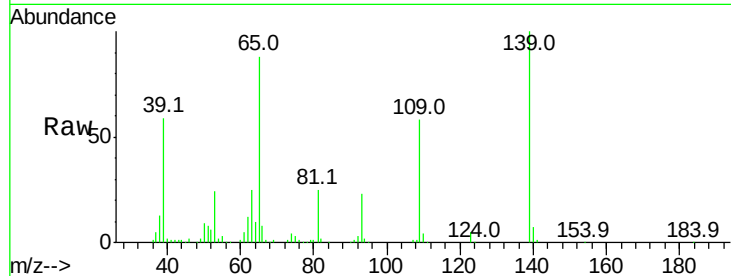
#55
4-Nitrophenol
Concen: 64.739 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	155839		
109	58.3	48.4	88.4	
65	87.9	72.6	112.6	

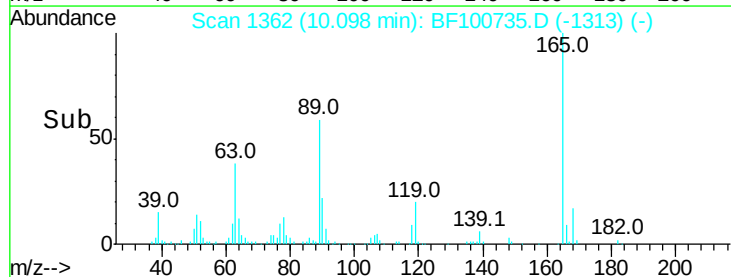
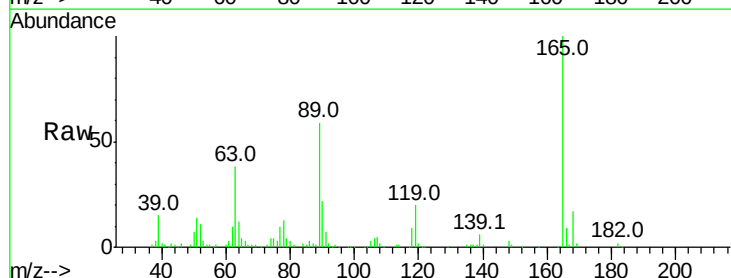
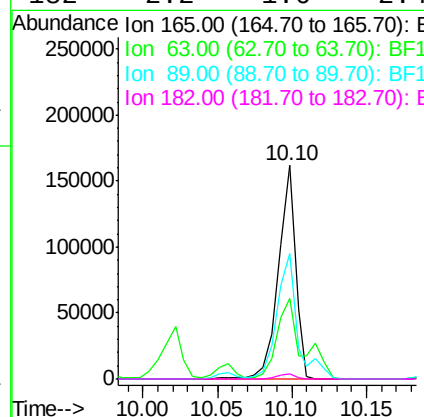
Manual Integrations
APPROVED

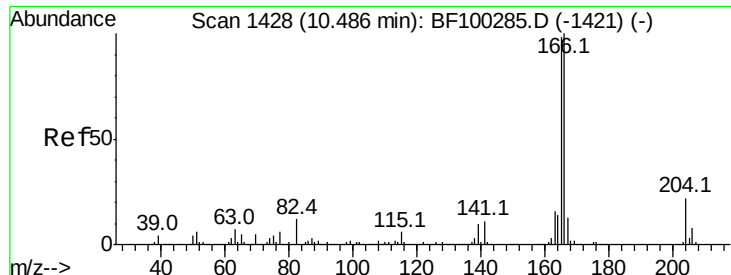
SOHIL
11/21/2017 2:15:22 PM



#56
2,4-Dinitrotoluene
Concen: 40.899 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	129534		
63	38.0	36.4	54.6	
89	58.6	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 37.256 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

ClientSampleId :

PB104390BS

Tot Ion:166 Resp: 401848

Ion Ratio Lower Upper

166 100

165 97.8 79.8 119.8

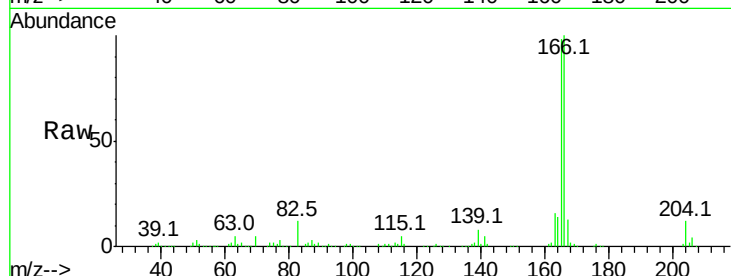
167 13.2 10.6 16.0

Manual Integrations

APPROVED

SOHIL

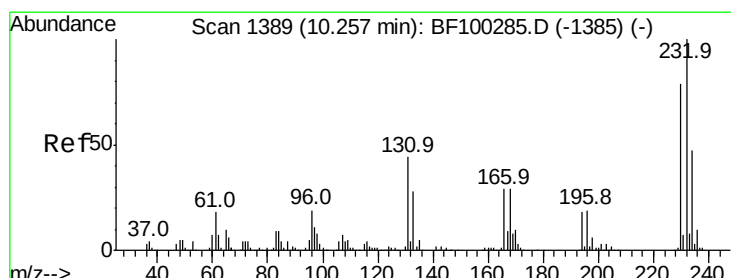
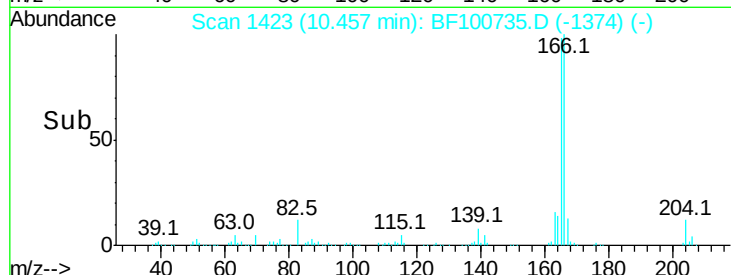
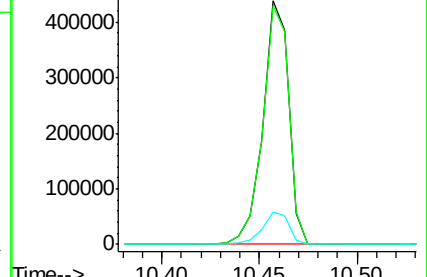
11/21/2017 2:15:22 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.577 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Tgt Ion:232 Resp: 114376

Ion Ratio Lower Upper

232 100

131 41.7 43.8 65.8#

130 1.7 2.1 3.1#

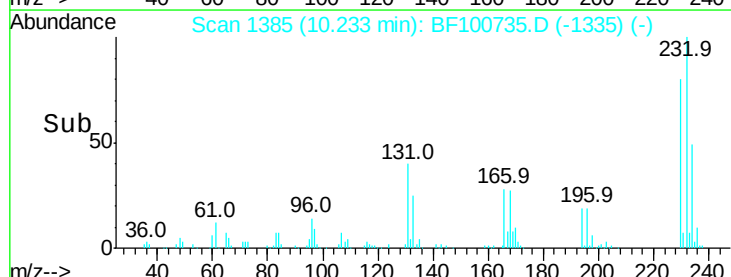
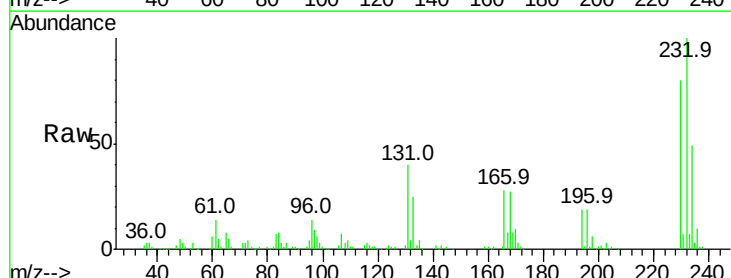
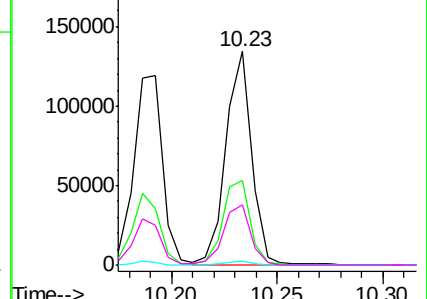
166 29.3 27.8 41.6

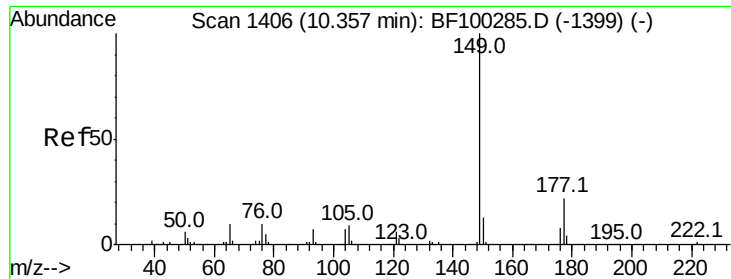
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





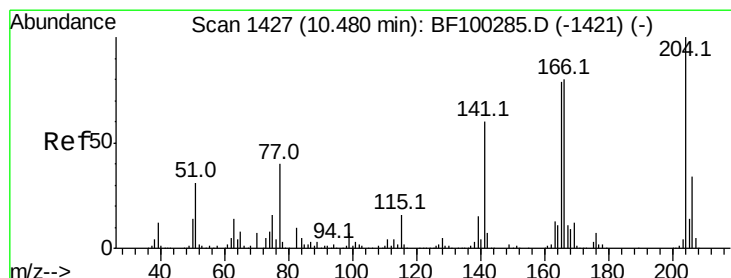
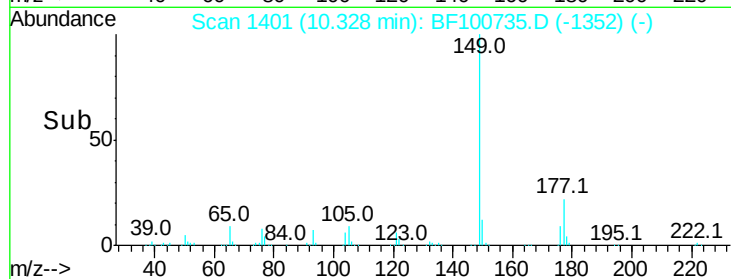
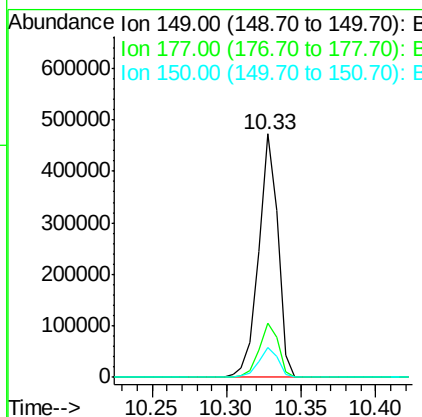
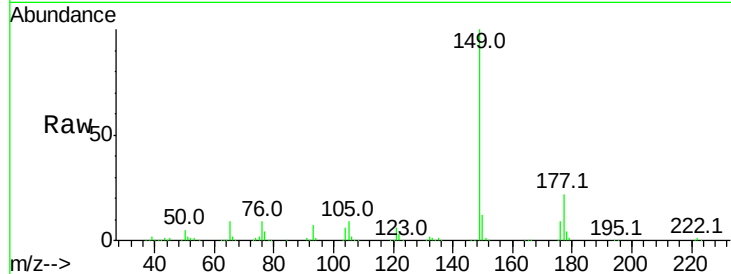
#59
Diethylphthalate
Concen: 32.892 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	12.3	10.1	15.1

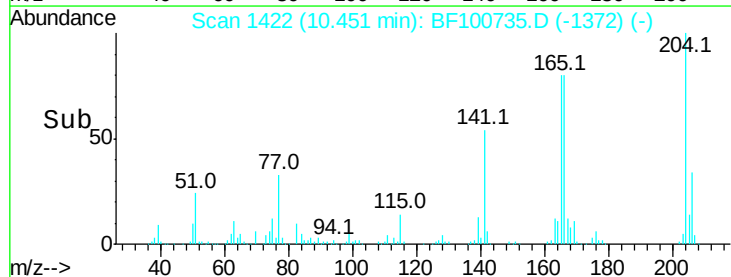
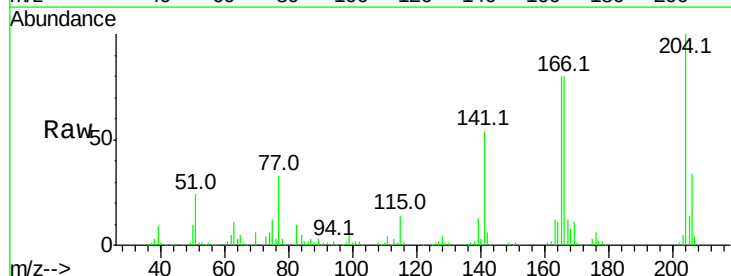
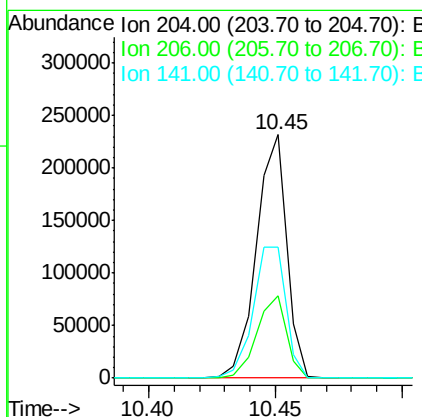
Manual Integrations
APPROVED

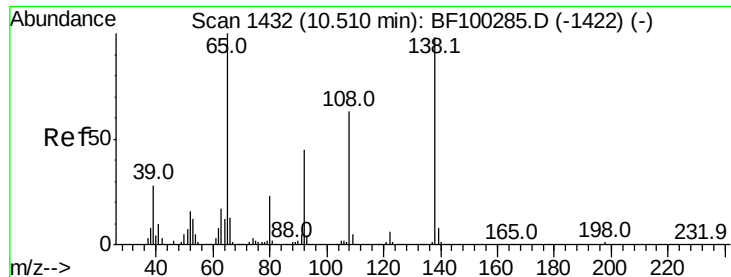
SOHIL
11/21/2017 2:15:22 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.751 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	54.1	54.6	81.8#





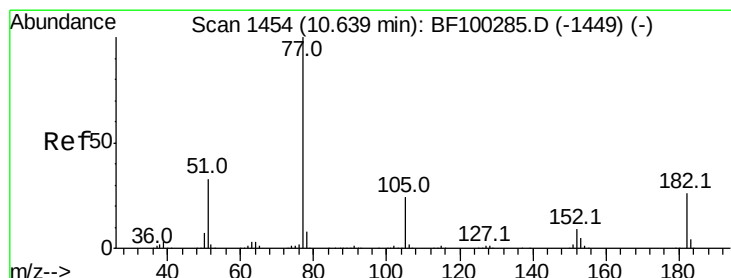
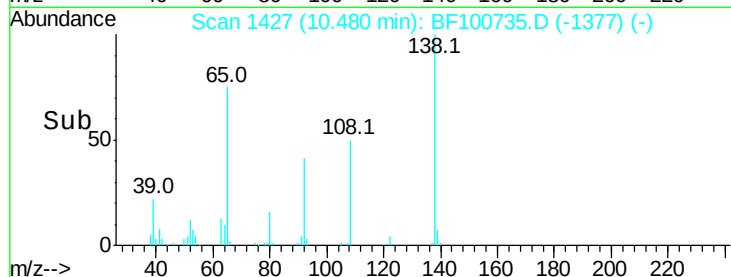
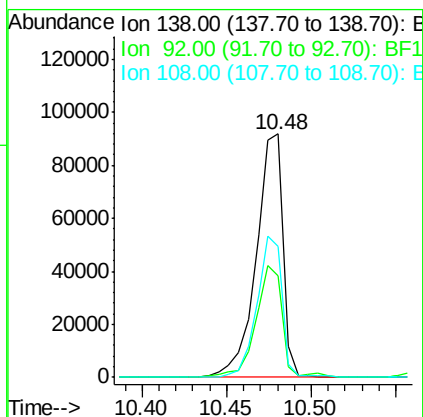
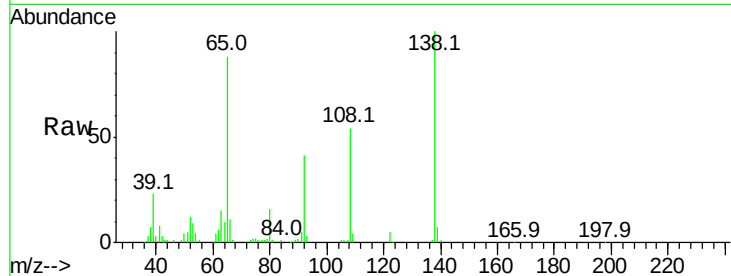
#61
4-Nitroaniline
Concen: 36.107 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.5	30.2	70.2
108	53.6	52.5	92.5

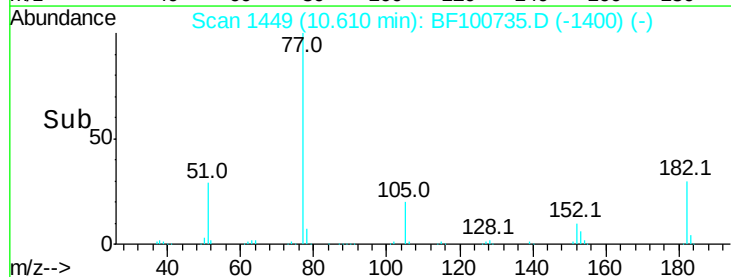
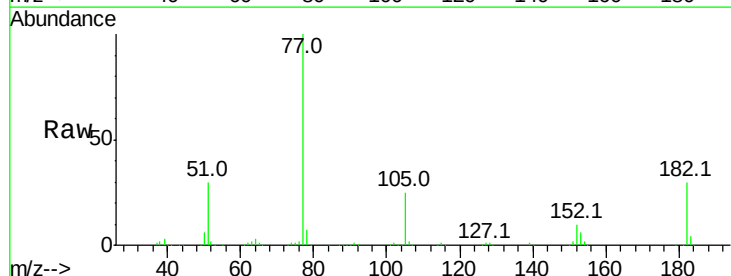
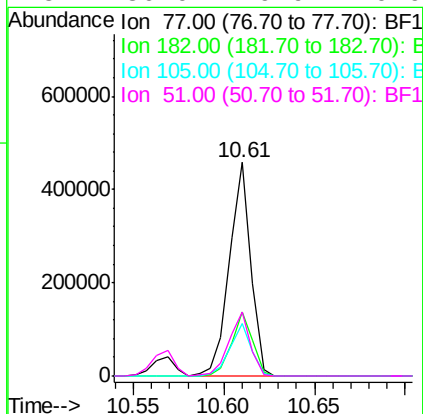
Manual Integrations
APPROVED

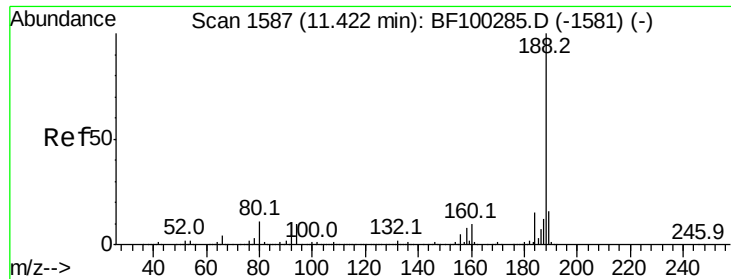
SOHIL
11/21/2017 2:15:22 PM



#62
Azobenzene
Concen: 31.645 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.7	1.7	41.7
105	24.6	3.0	43.0
51	30.0	9.9	49.9





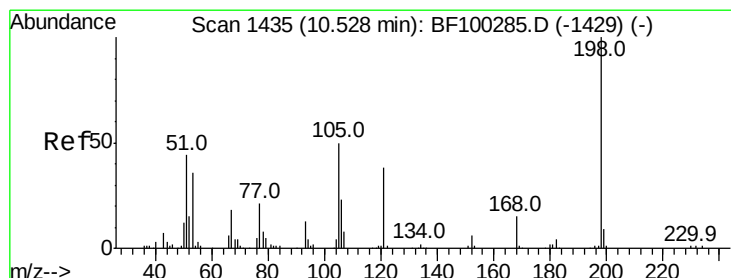
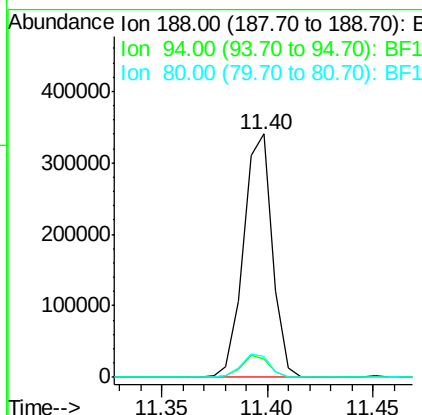
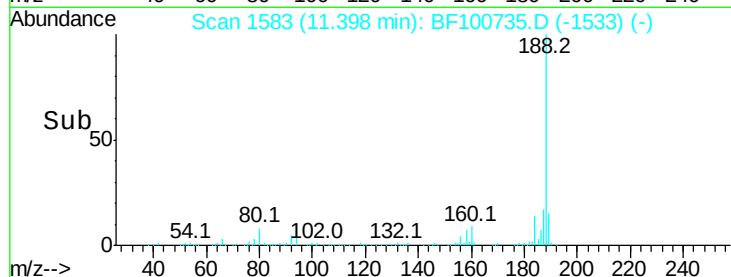
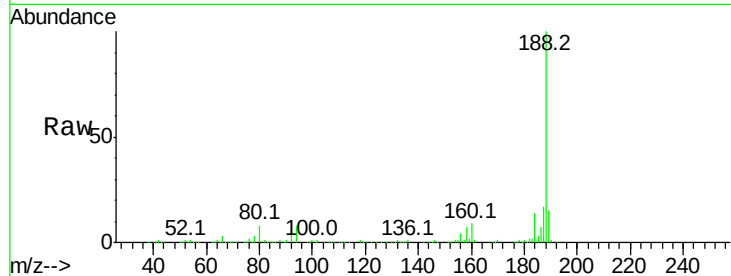
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.4	9.2	13.8#

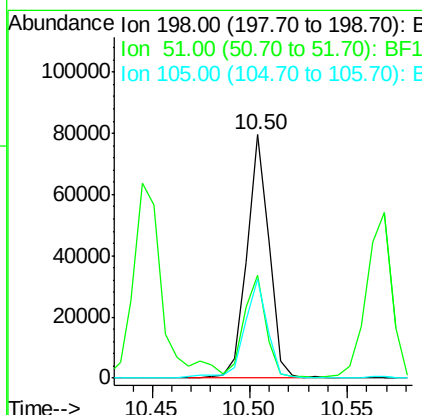
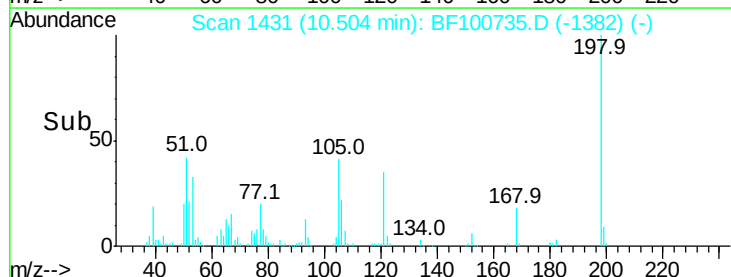
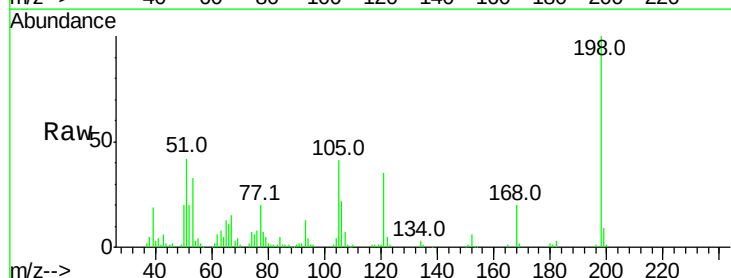
Manual Integrations
APPROVED

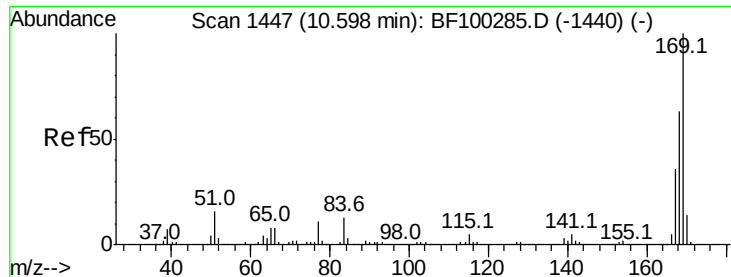
SOHIL
11/21/2017 2:15:22 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.122 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	42.1	37.7	77.7
105	40.7	36.3	76.3





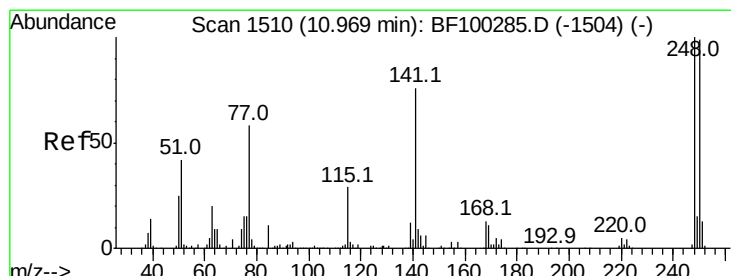
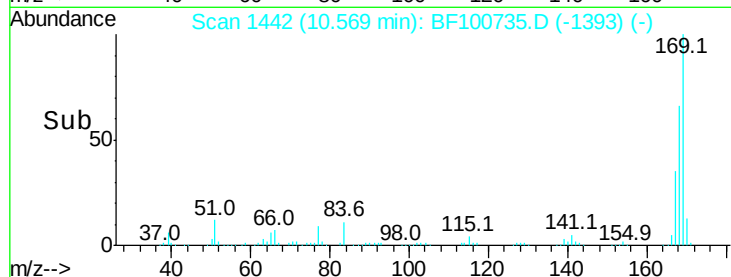
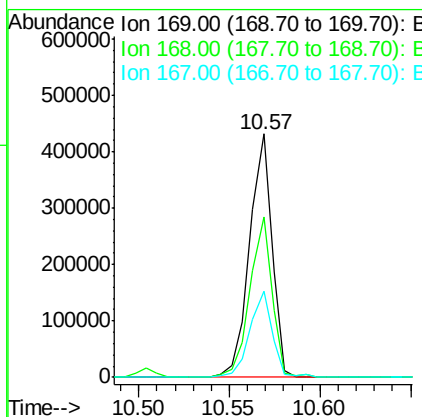
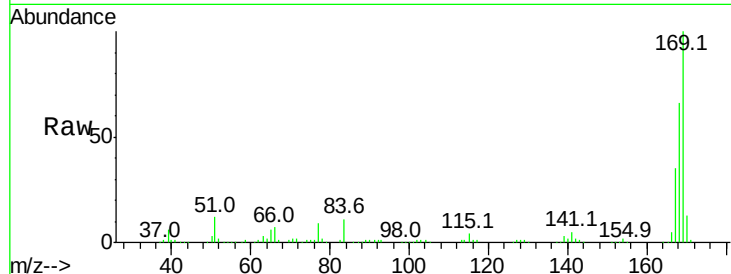
#65
n-Nitrosodiphenylamine
Concen: 33.351 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	372446		
168	65.7		54.4	81.6
167	35.3		29.8	44.6

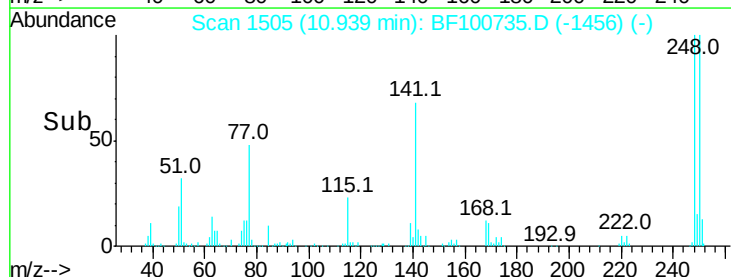
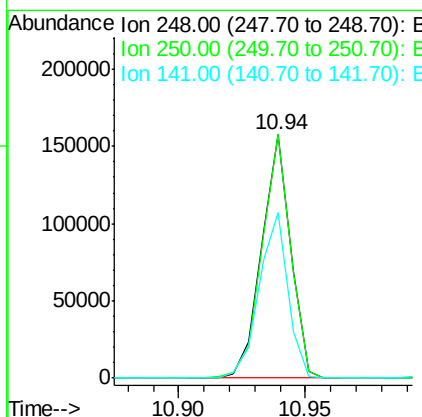
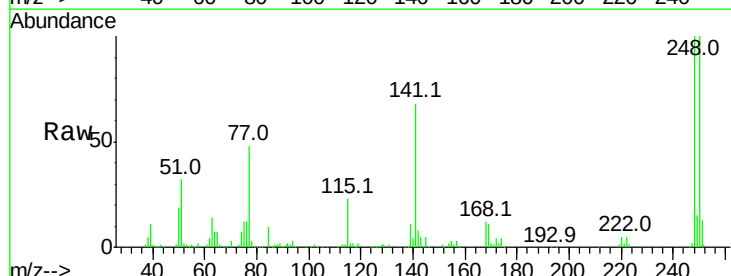
Manual Integrations
APPROVED

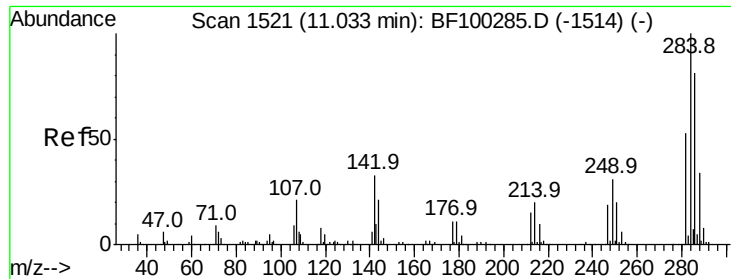
SOHIL
11/21/2017 2:15:22 PM



#66
4-Bromophenyl-phenylether
Concen: 36.313 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	125021		
250	100.0		76.9	115.3
141	67.8		74.4	111.6#





#67

Hexachlorobenzene

Concen: 36.148 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

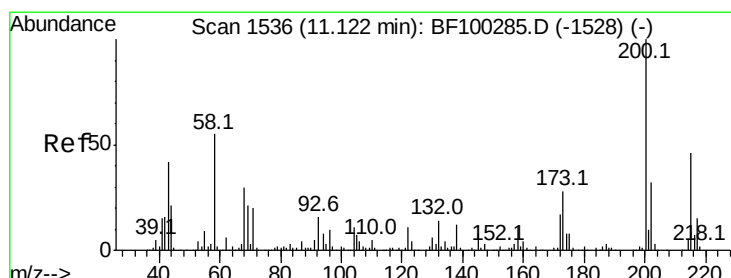
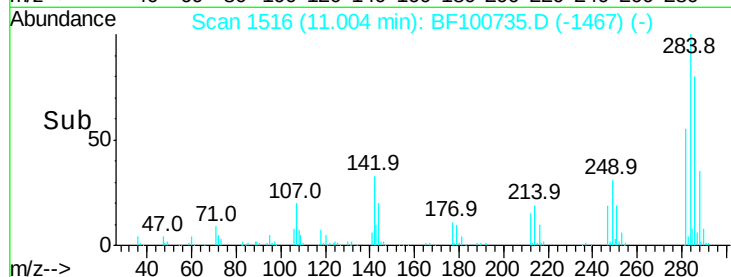
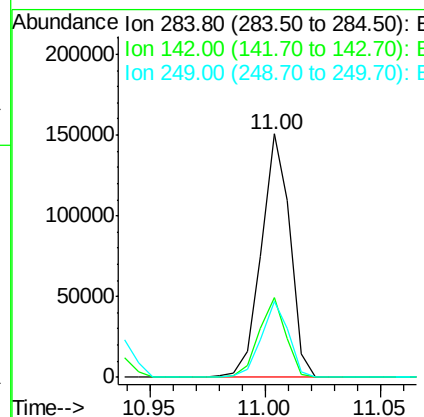
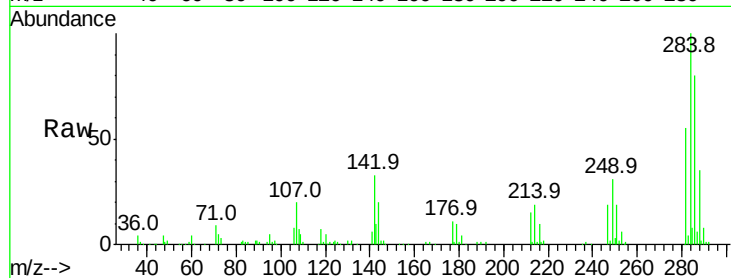
ClientSampleId :

PB104390BS

Tot Ion:	284	Resp:	130166
Ion Ratio	Lower	Upper	
284	100		
142	32.5	34.6	52.0#
249	31.1	24.8	37.2

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:15:22 PM



#68

Atrazine

Concen: 34.353 ng

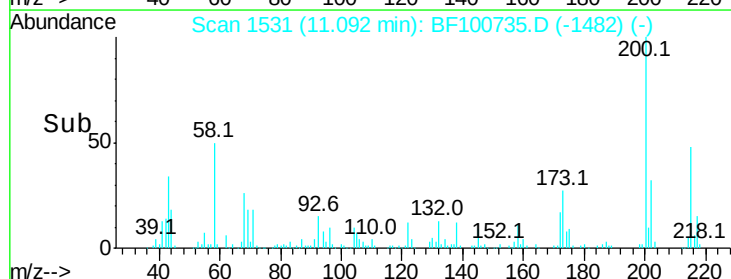
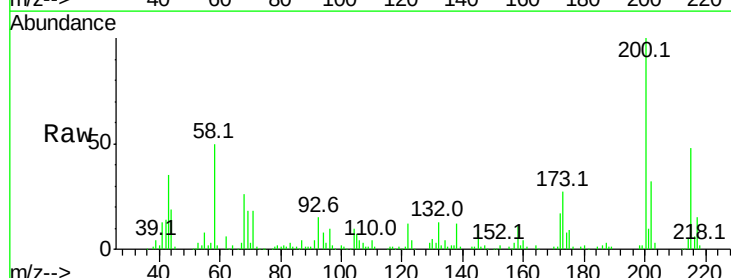
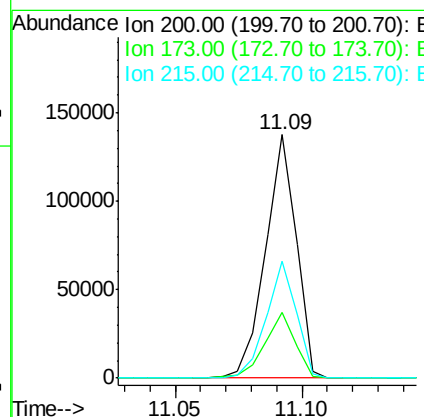
RT: 11.09 min Scan# 1531

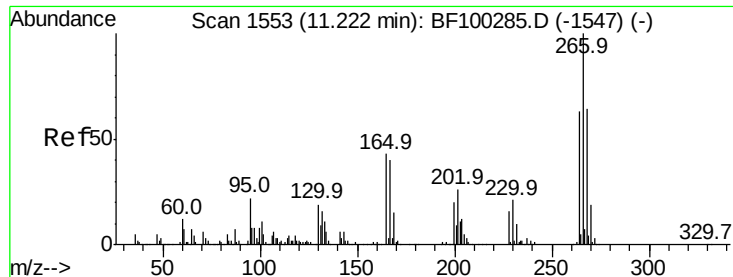
Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Tgt Ion:	200	Resp:	116129
Ion Ratio	Lower	Upper	
200	100		
173	27.2	8.6	48.6
215	48.0	25.1	65.1





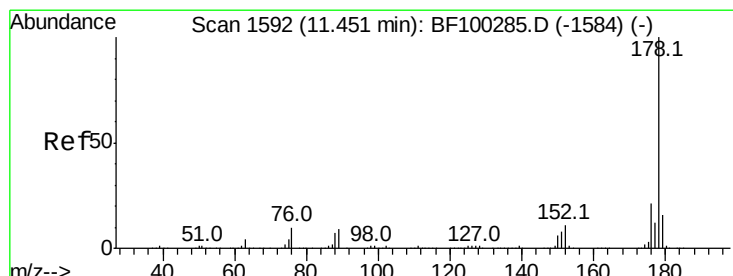
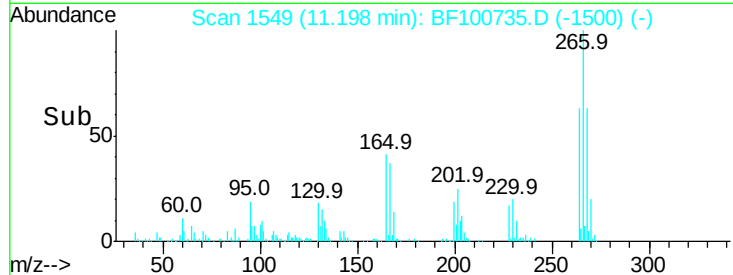
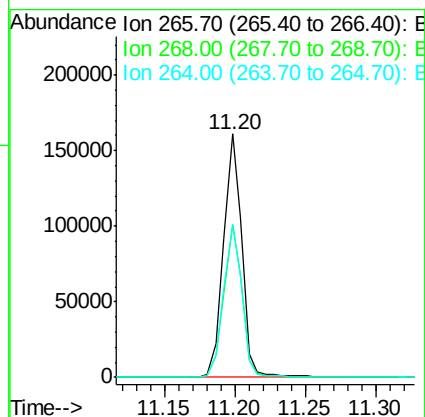
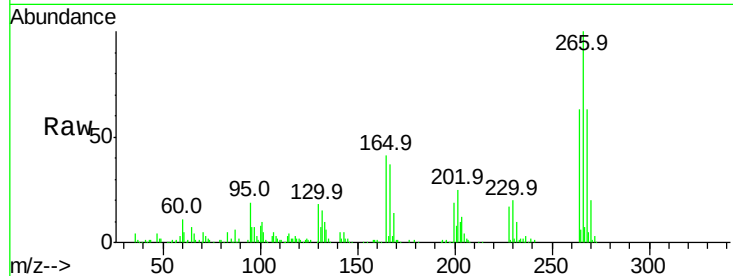
#69
 Pentachlorophenol
 Concen: 56.185 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	145070		
268	63.0	51.1	76.7	
264	62.9	49.5	74.3	

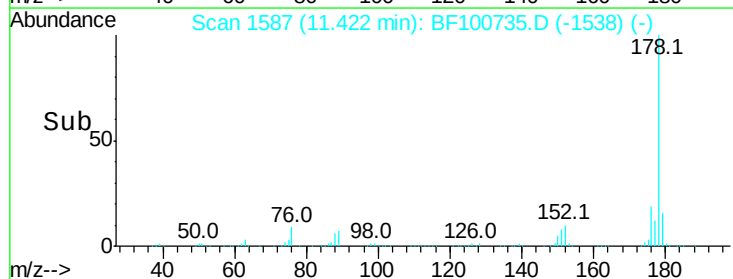
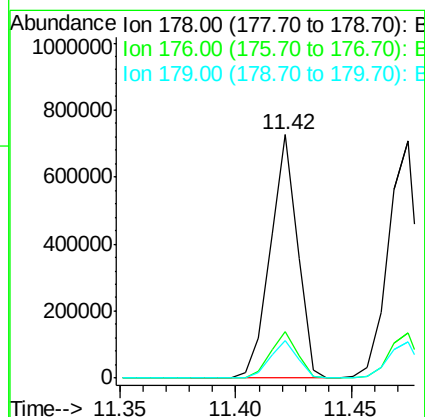
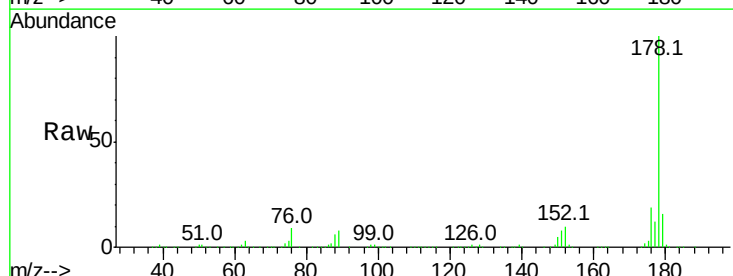
Manual Integrations
 APPROVED

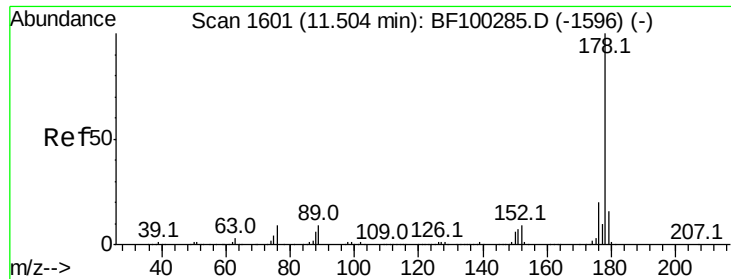
SOHIL
 11/21/2017 2:15:22 PM



#70
 Phenanthrene
 Concen: 35.066 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	592971		
176	19.0	15.8	23.8	
179	15.6	13.0	19.6	





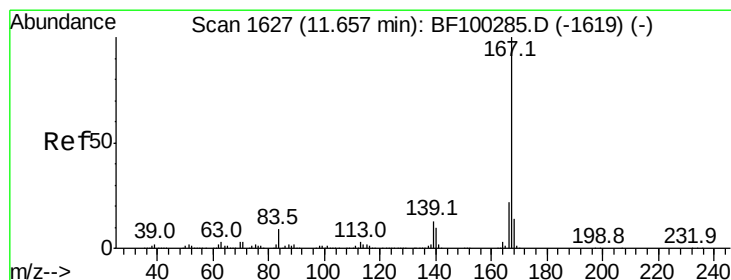
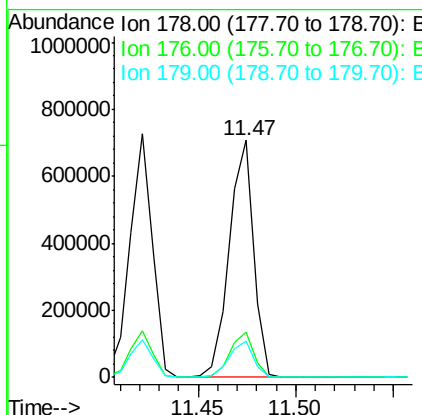
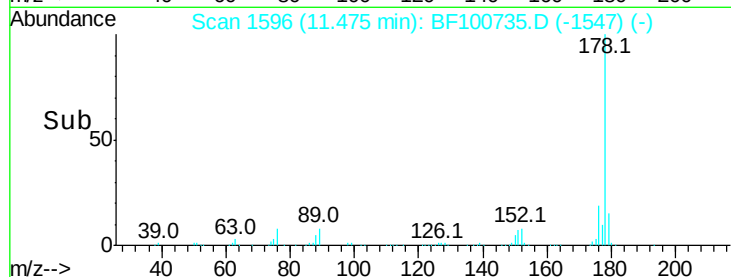
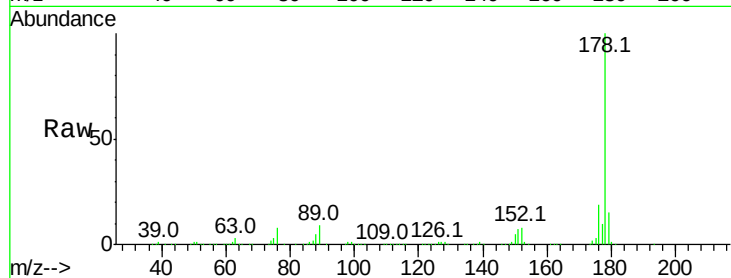
#71
 Anthracene
 Concen: 35.611 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.6	19.0

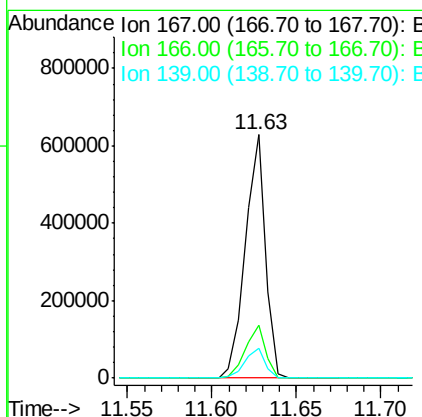
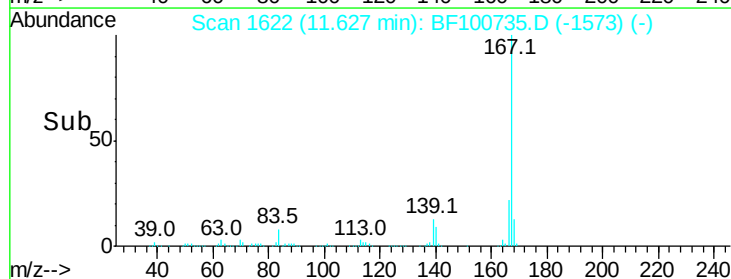
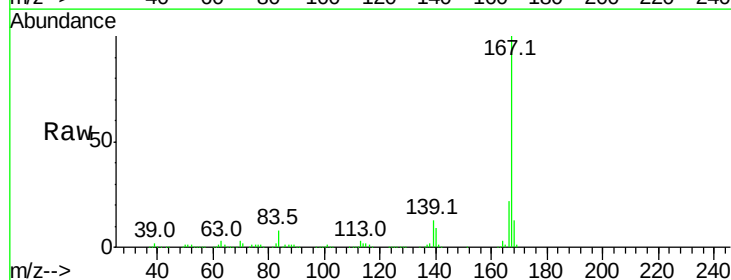
Manual Integrations
 APPROVED

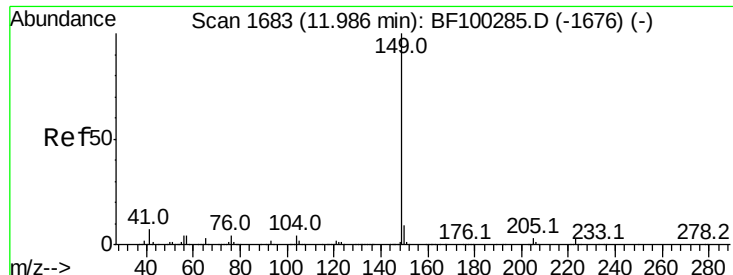
SOHIL
 11/21/2017 2:15:22 PM



#72
 Carbazole
 Concen: 33.118 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 34.292 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

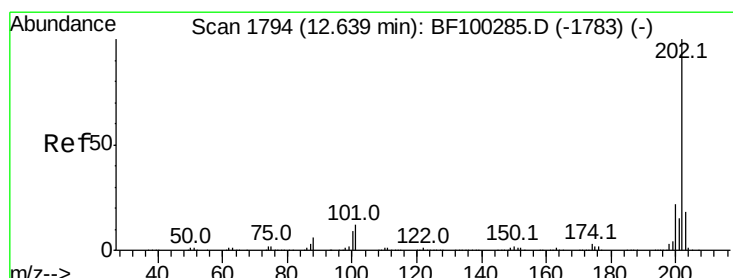
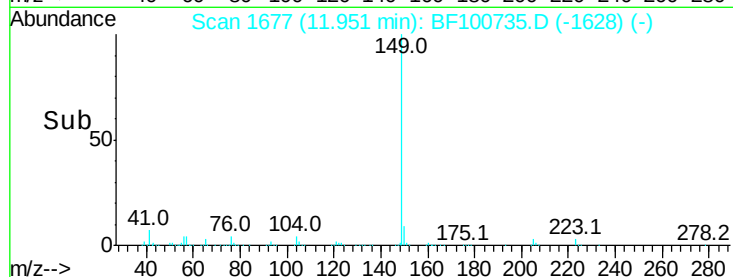
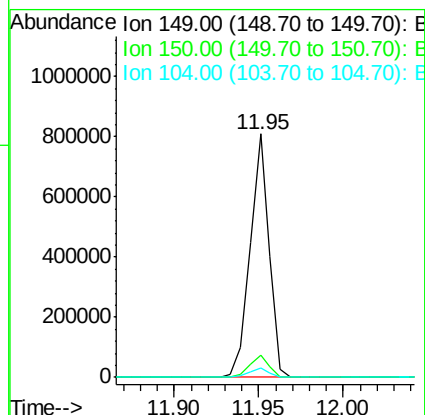
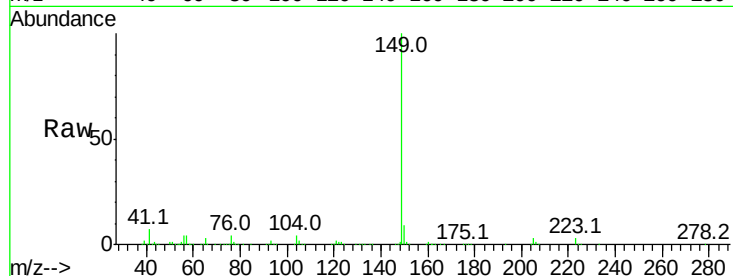
ClientSampleId :

PB104390BS

Tot Ion:	149	Resp:	635264
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.0	3.8	5.8

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:15:22 PM



#74

Fluoranthene

Concen: 32.562 ng

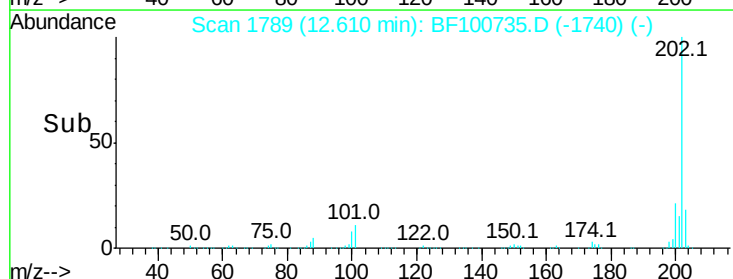
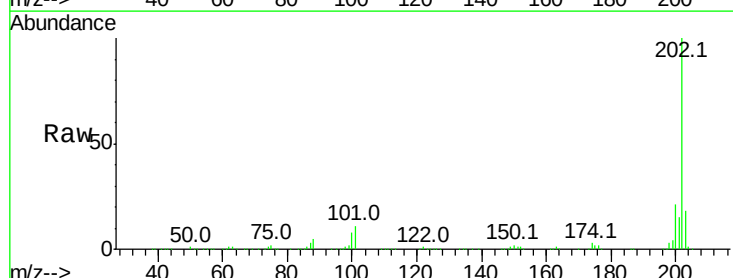
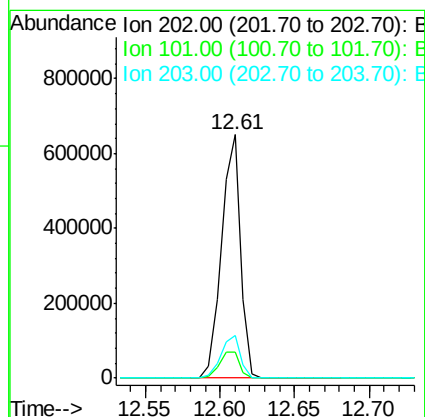
RT: 12.61 min Scan# 1789

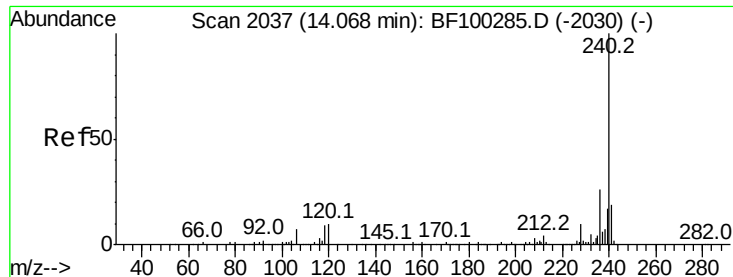
Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Tgt Ion:	202	Resp:	583561
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Instrument :

BNA_F

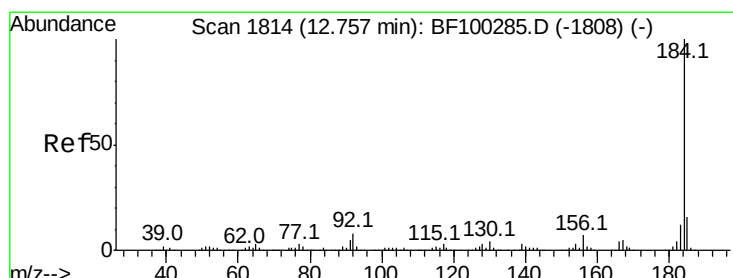
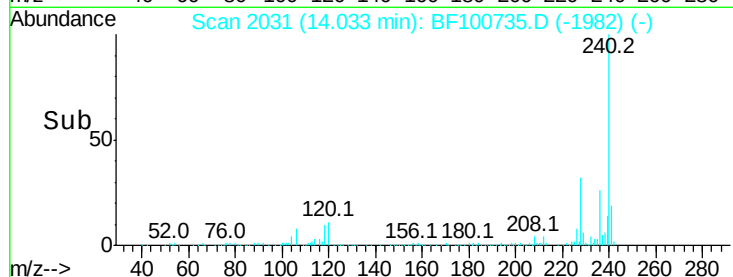
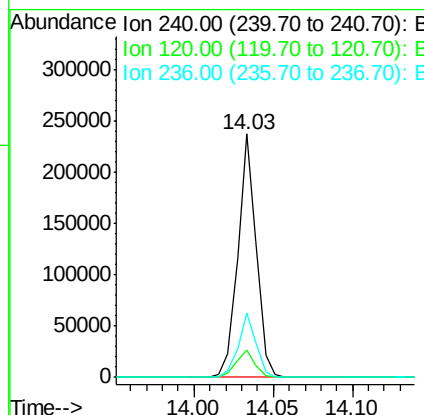
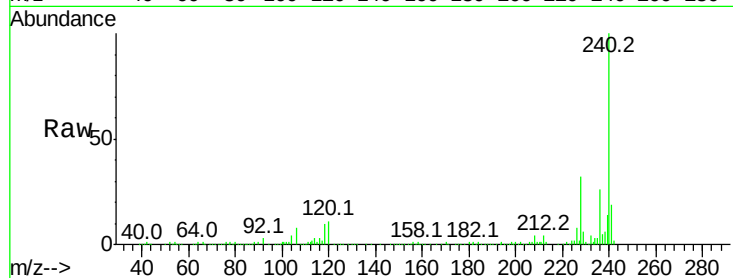
ClientSampleId :

PB104390BS

Tot Ion:	240	Resp:	190631
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	26.2	20.7	31.1

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:15:22 PM



#76

Benzidine

Concen: 20.914 ng

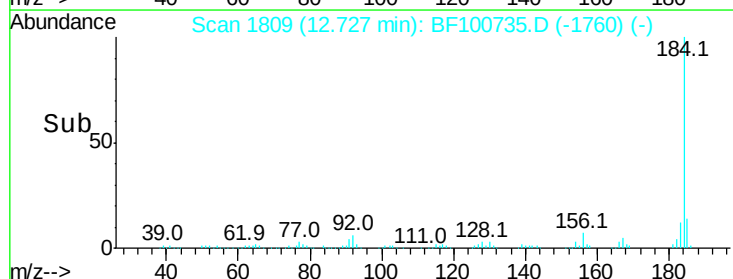
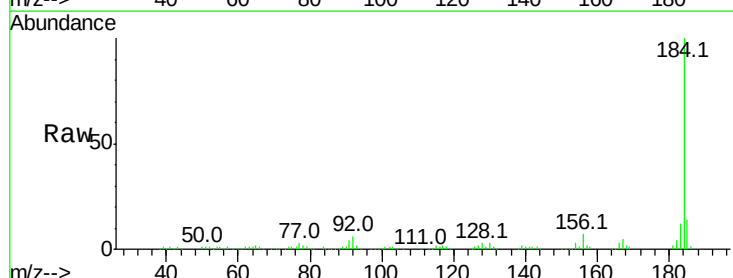
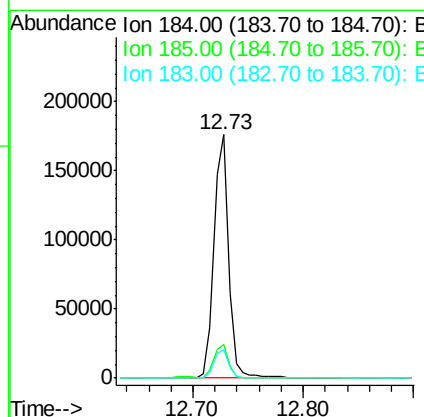
RT: 12.73 min Scan# 1809

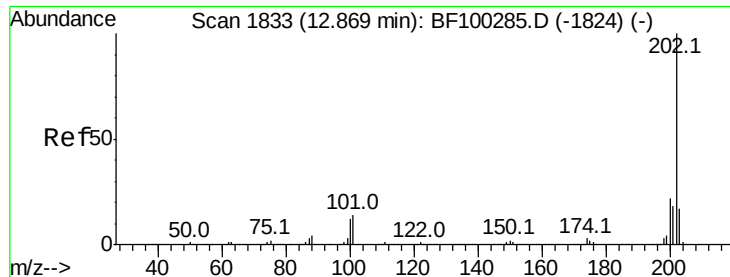
Delta R.T. -0.01 min

Lab File: BF100735.D

Acq: 20 Nov 2017 17:38

Tgt Ion:	184	Resp:	159668
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.6	18.8
183	11.6	9.3	13.9





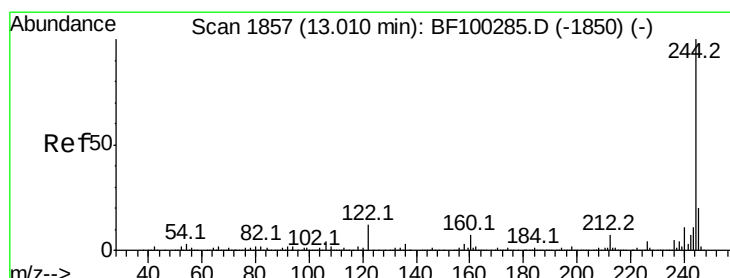
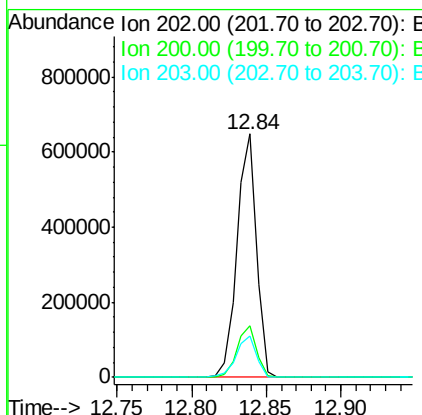
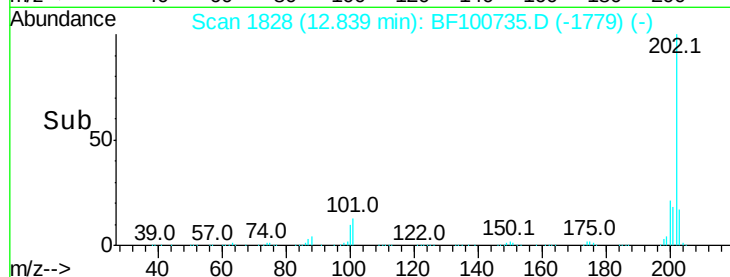
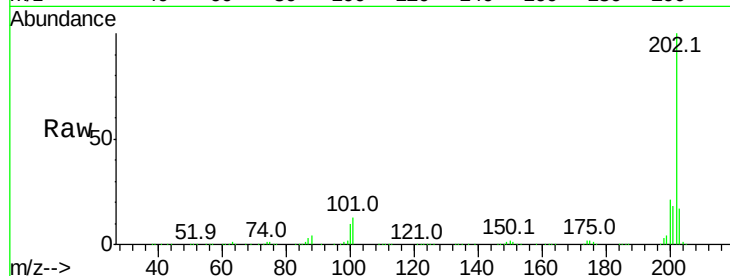
#77
Pvrene
Concen: 43.480 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.2	17.4	26.2	
203	17.0	14.3	21.5	

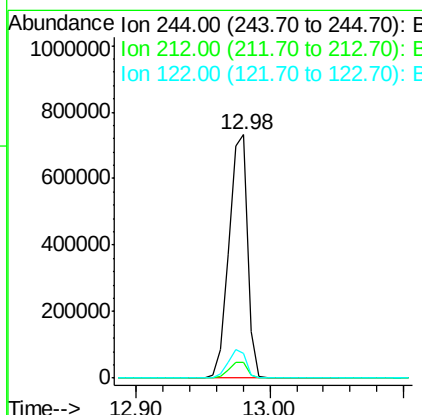
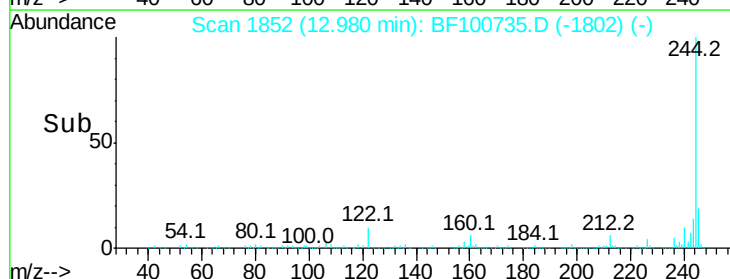
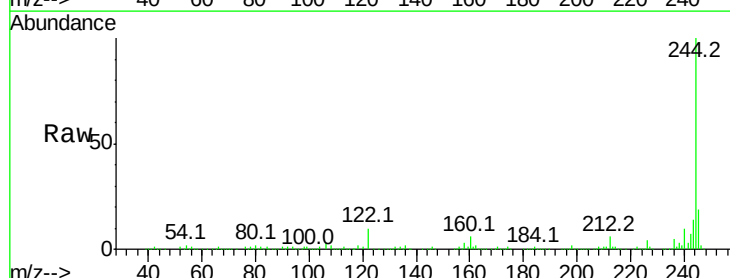
Manual Integrations
APPROVED

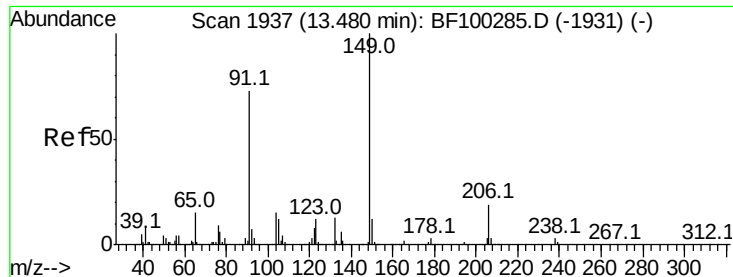
SOHIL
11/21/2017 2:15:22 PM



#78
Terphenyl-d14
Concen: 87.146 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.3	5.4	8.0	
122	9.9	11.0	16.4	





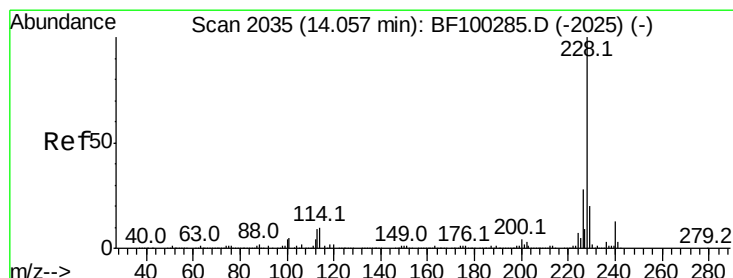
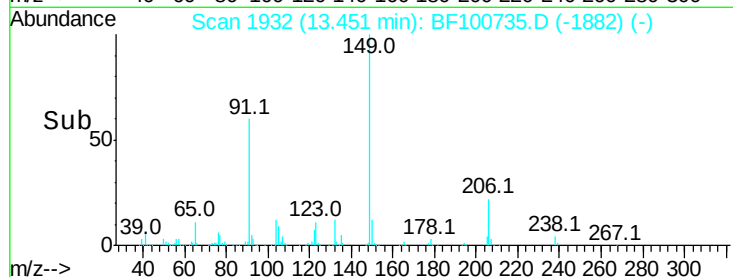
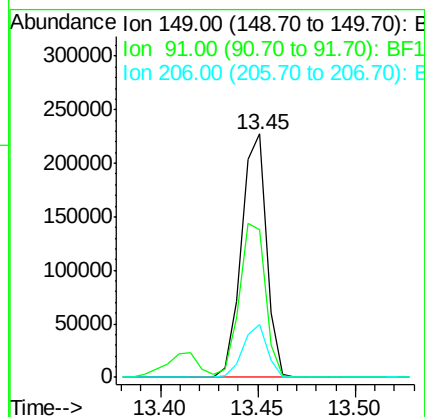
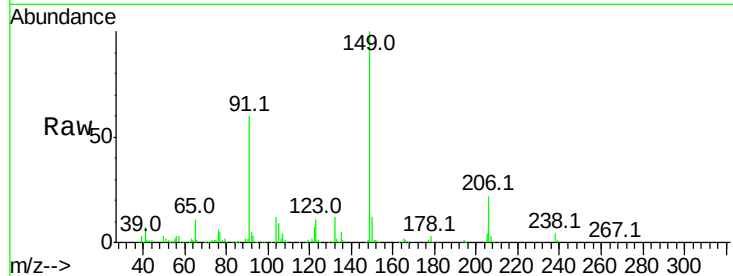
#79
Butylbenzylphthalate
Concen: 36.661 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.5	56.8	85.2
206	21.7	14.1	21.1

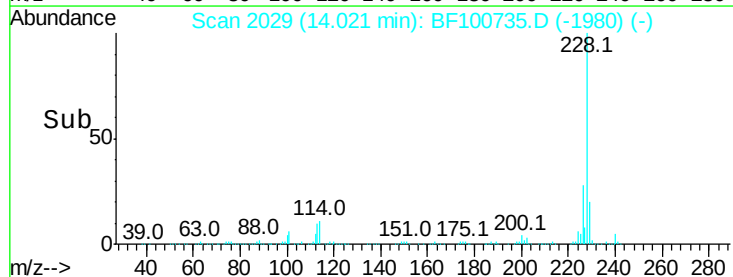
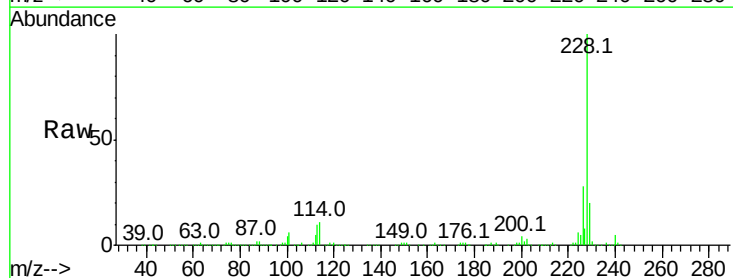
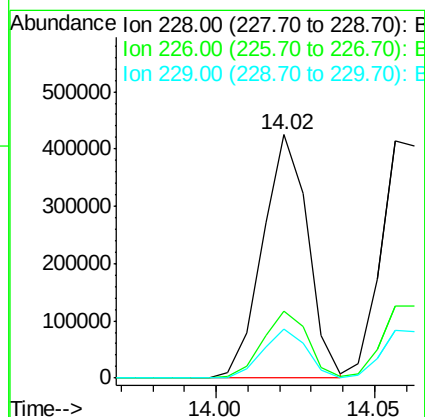
Manual Integrations
APPROVED

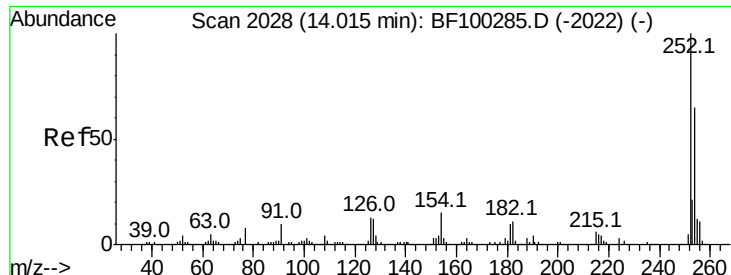
SOHIL
11/21/2017 2:15:22 PM



#80
Benzo(a)anthracene
Concen: 36.630 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.1	15.8	23.6





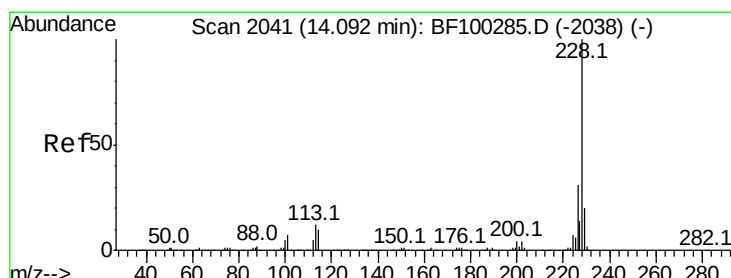
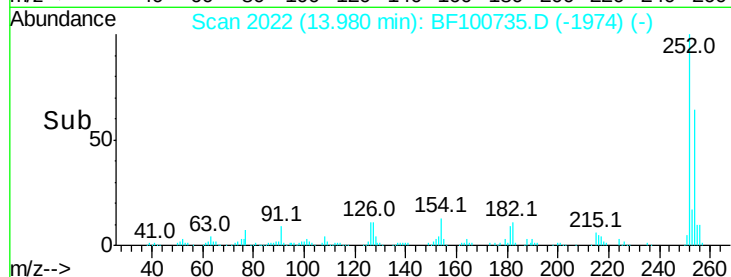
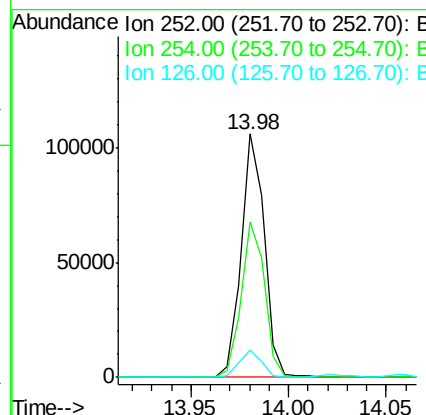
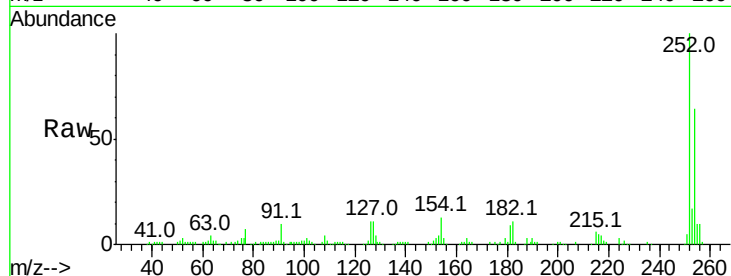
#81
 3,3'-Dichlorobenzidine
 Concen: 21.228 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	87313		
254	63.7		50.4	75.6
126	11.2		11.3	16.9#

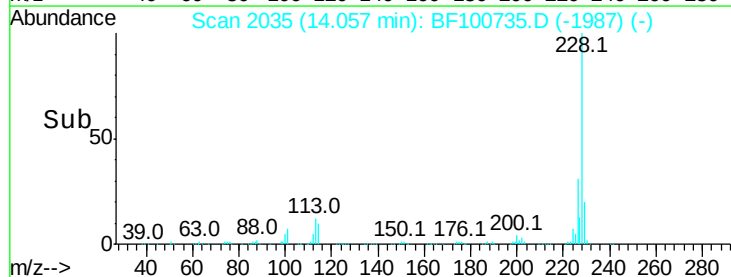
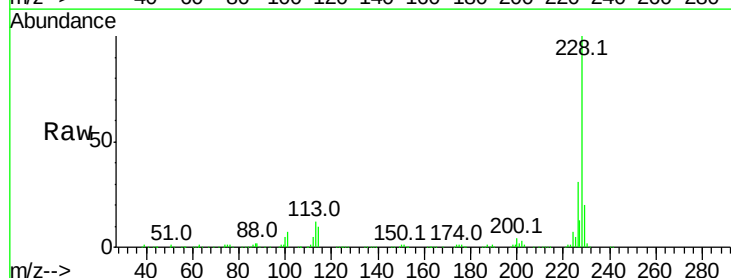
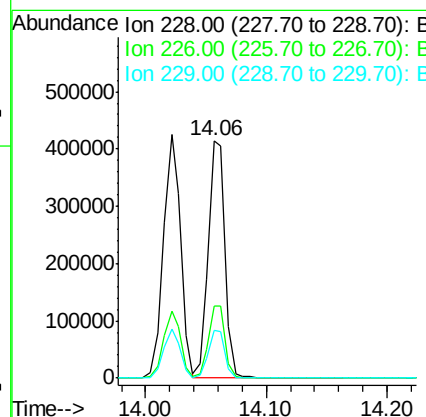
Manual Integrations
 APPROVED

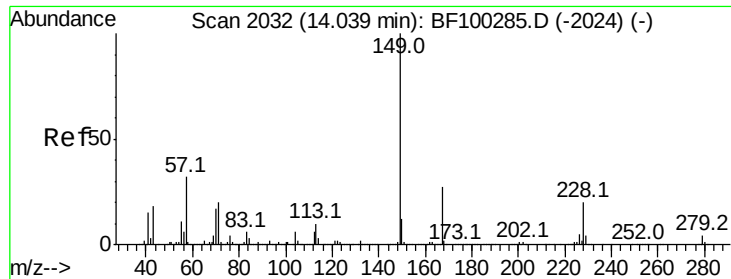
SOHIL
 11/21/2017 2:15:22 PM



#82
 Chrysene
 Concen: 35.808 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	398062		
226	30.6		25.0	37.6
229	20.1		16.2	24.4





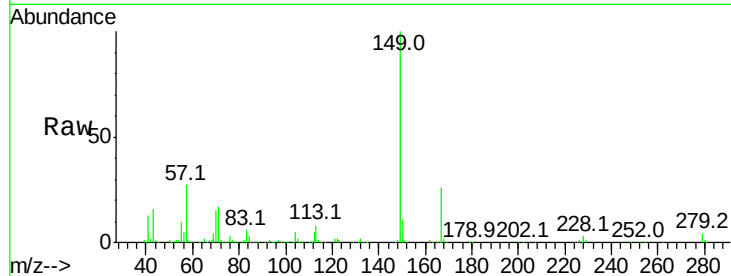
#83
Bis(2-ethylhexyl)phthalate
Concen: 33.910 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

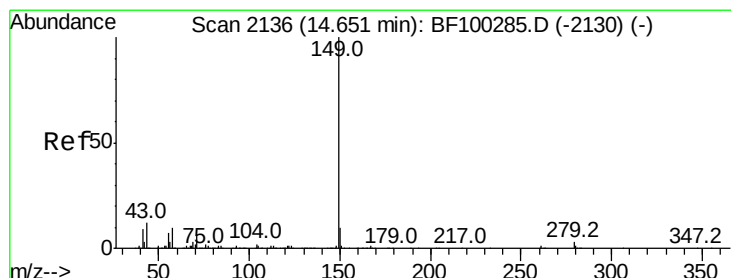
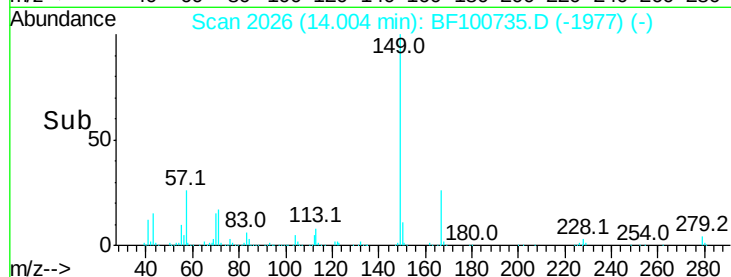
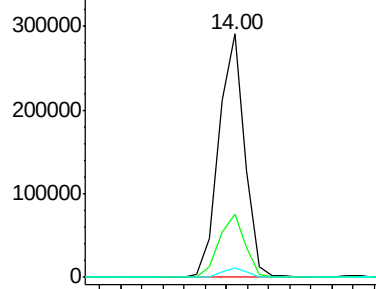
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.8	3.0	4.4

Manual Integrations
APPROVED

SOHIL
11/21/2017 2:15:22 PM

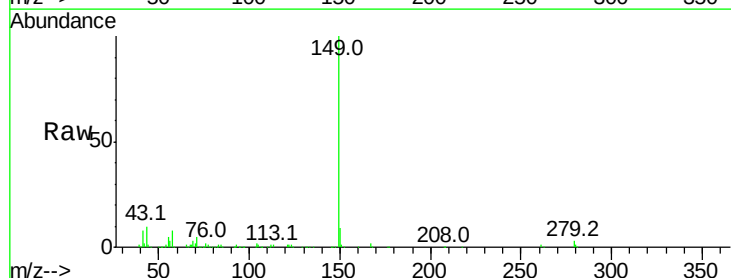


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

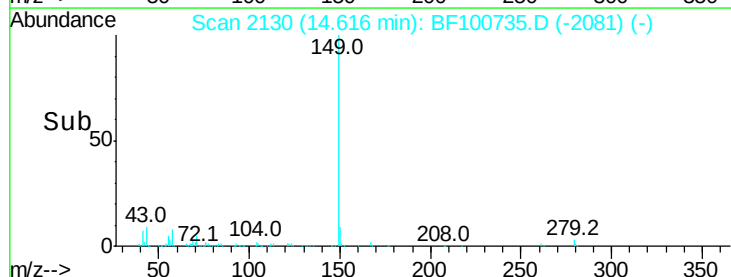
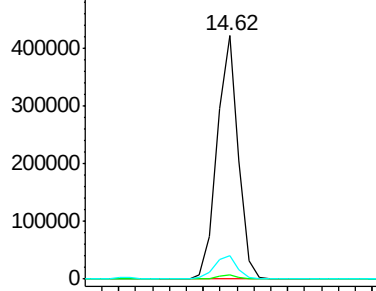


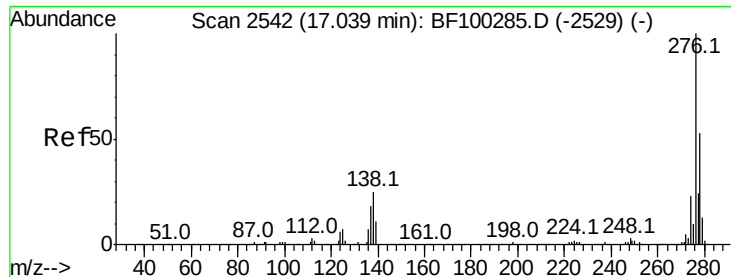
#84
Di-n-octyl phthalate
Concen: 29.370 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.1	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





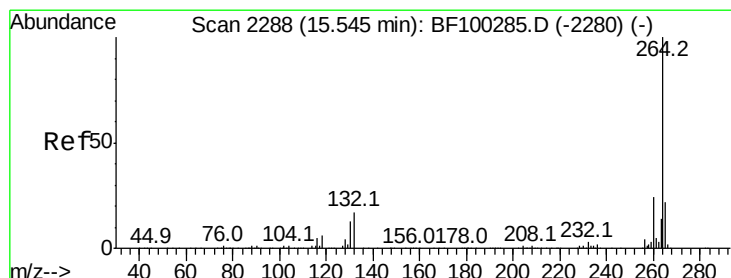
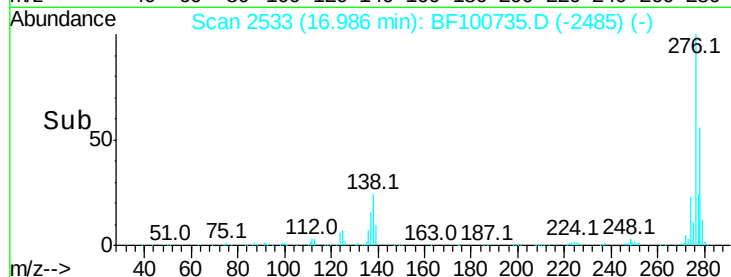
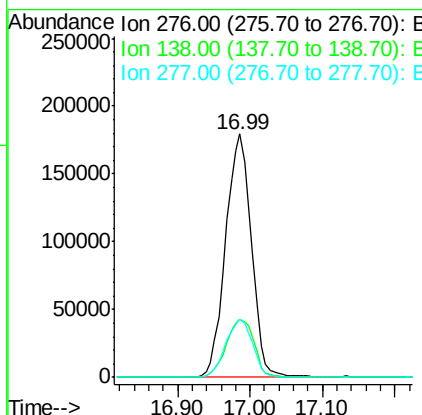
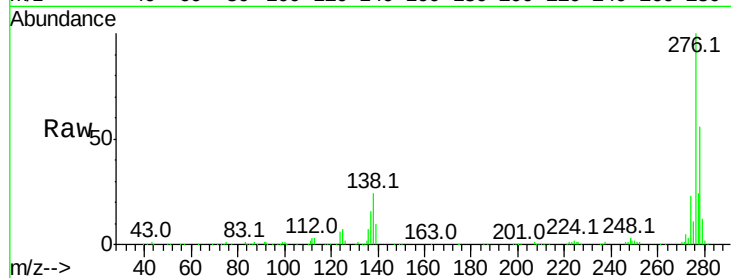
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.480 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.0	37.6
277	24.6	20.1	30.1

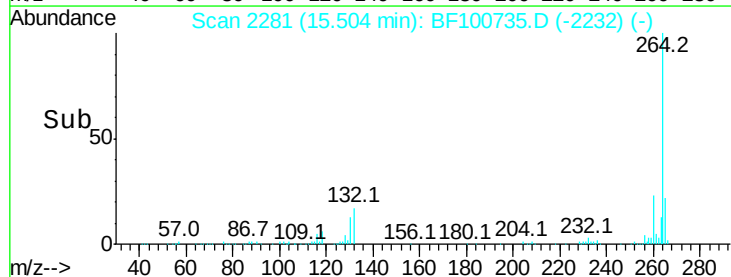
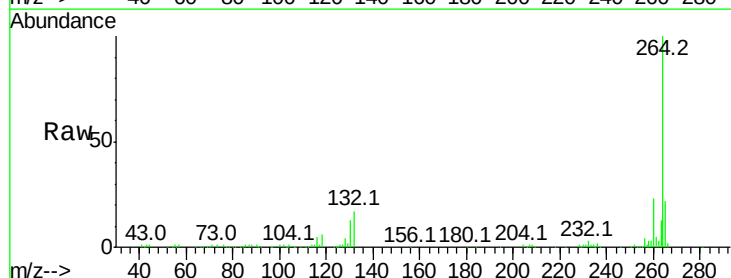
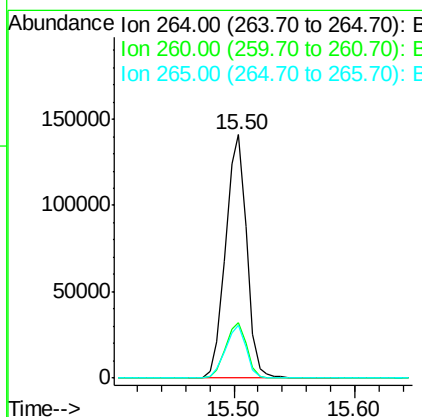
Manual Integrations
APPROVED

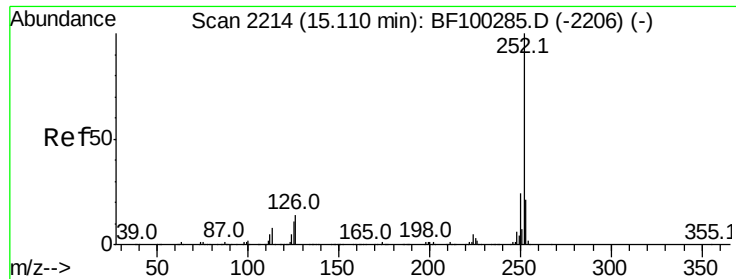
SOHIL
11/21/2017 2:15:22 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.6	17.5	26.3





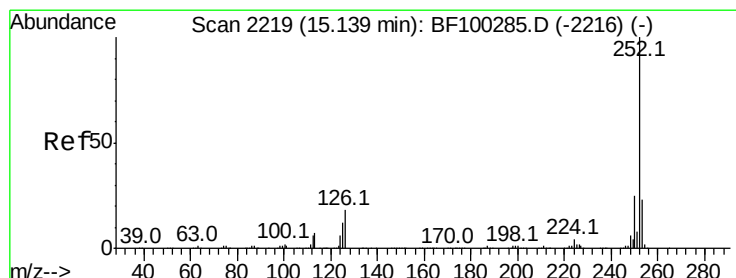
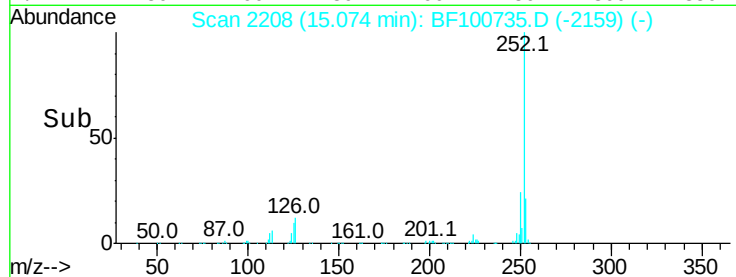
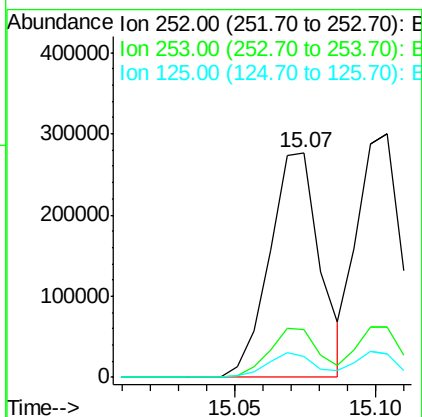
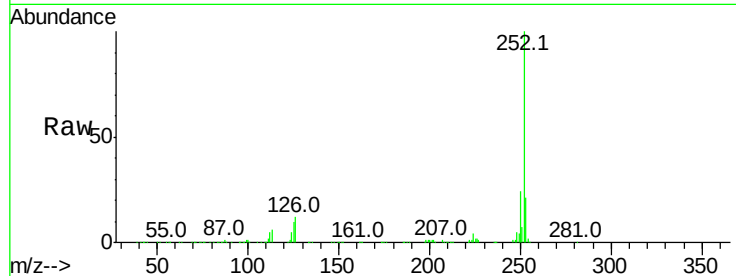
#87
Benzo(b)fluoranthene
Concen: 34.085 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	9.5	9.0	13.6

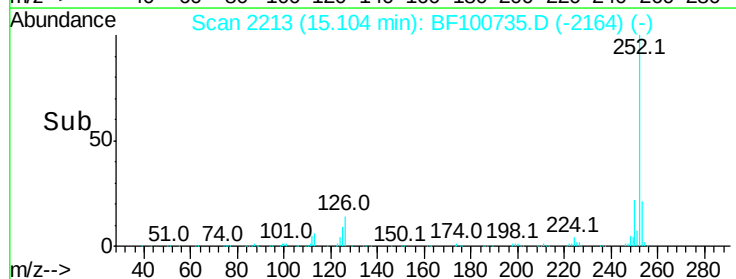
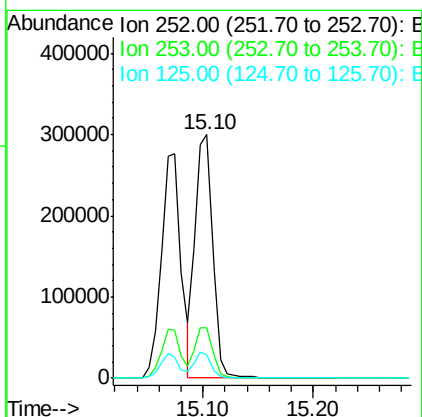
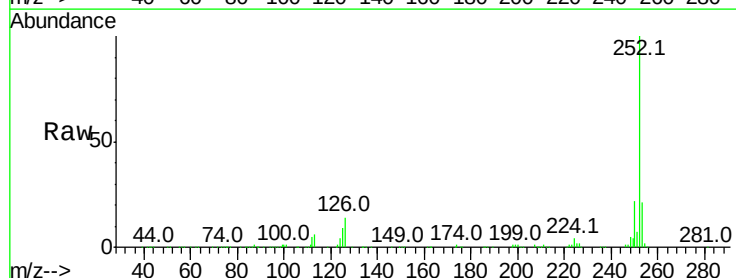
Manual Integrations
APPROVED

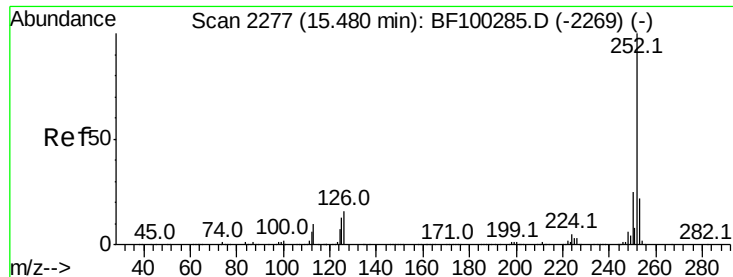
SOHIL
11/21/2017 2:15:22 PM



#88
Benzo(k)fluoranthene
Concen: 33.924 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.9	26.9
125	9.5	10.2	15.2#





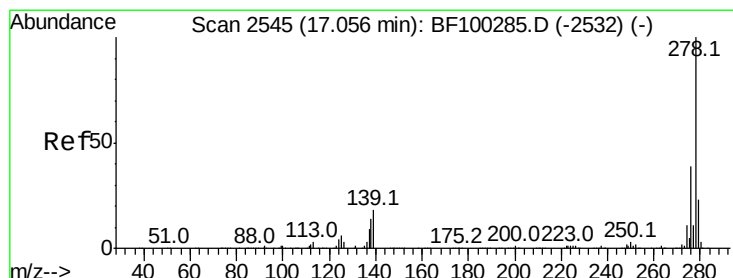
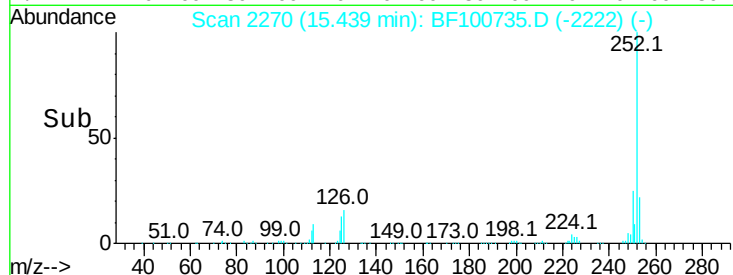
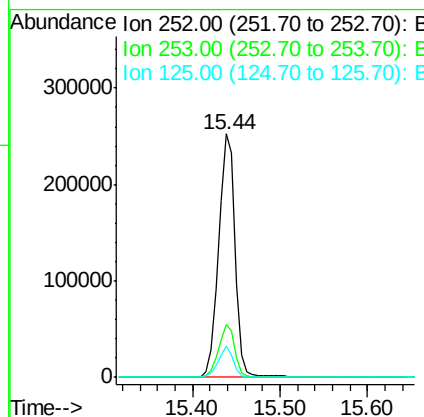
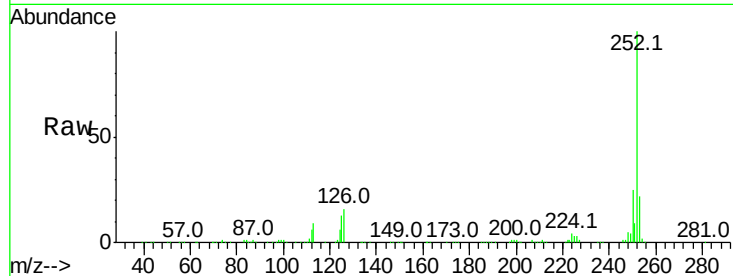
#89
Benzo(a)pyrene
Concen: 36.900 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Instrument :
BNA_F
ClientSampleId :
PB104390BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	12.7	9.8	14.6

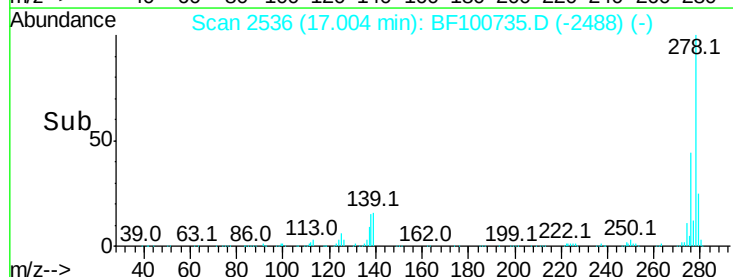
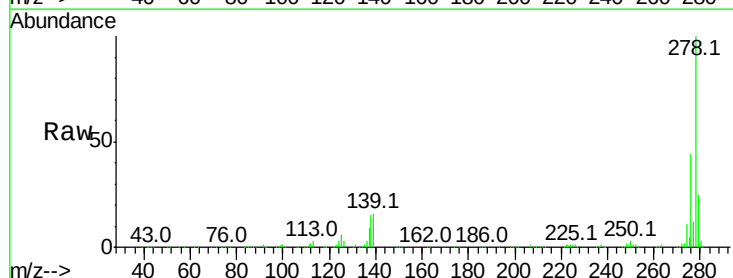
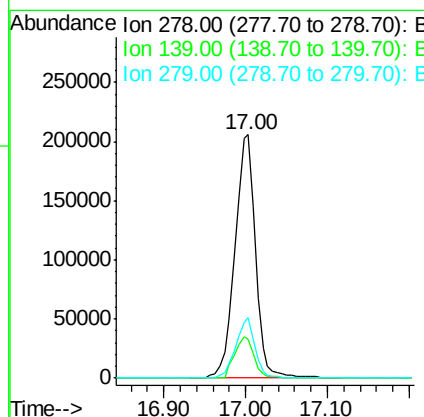
Manual Integrations
APPROVED

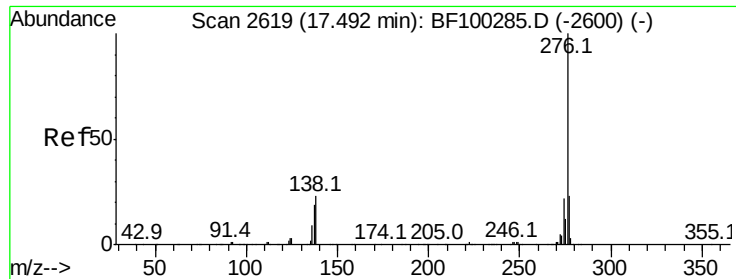
SOHIL
11/21/2017 2:15:22 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.464 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF100735.D
Acq: 20 Nov 2017 17:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	15.9	23.9
279	24.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 53.836 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. -0.02 min
 Lab File: BF100735.D
 Acq: 20 Nov 2017 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB104390BS

Tot Ion:	276	Resp:	386237
Ion Ratio		Lower	Upper
276	100		
277	23.5	17.9	26.9
138	23.2	21.8	32.8

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:15:22 PM

