

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082900.D
 Acq On : 13 Nov 2015 16:34
 Operator : UM/IZ
 Sample : G4376-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:00 PM

Quant Time: Nov 13 22:48:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	251117	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	1005133	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	528899	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	935831	20.00	ng	-0.06
75) Chrysene-d12	13.96	240	805621	20.00	ng	-0.06
86) Perylene-d12	15.39	264	811152	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1103976	68.40	ng	-0.05
7) Phenol-d6	6.44	99	1601154	74.62	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1093673	47.35	ng	-0.04
41) 2,4,6-Tribromophenol	10.64	330	399124	65.81	ng	-0.04
44) 2-Fluorobiphenyl	9.17	172	1638670	44.41	ng	-0.05
78) Terphenyl-d14	12.91	244	1562363	46.00	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	160080	22.99	ng	96
3) Pyridine	3.09	79	435972	21.58	ng	93
4) n-Nitrosodimethylamine	3.02	42	212380	21.19	ng	# 71
6) Aniline	6.45	93	435856	14.47	ng	# 1
8) 2-Chlorophenol	6.58	128	395637	22.11	ng	# 76
9) Benzaldehyde	6.34	77	31210m	2.63	ng	
10) Phenol	6.45	94	682555	28.04	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	412267	22.64	ng	93
12) 1,3-Dichlorobenzene	6.74	146	462135m	22.90	ng	
13) 1,4-Dichlorobenzene	6.82	146	474233m	22.59	ng	
14) 1,2-Dichlorobenzene	6.97	146	426598	22.34	ng	95
15) Benzyl Alcohol	6.94	79	453082	24.05	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.08	45	685121	25.65	ng	99
17) 2-Methylphenol	7.06	107	349346	23.05	ng	97
18) Hexachloroethane	7.31	117	164665	21.93	ng	91
19) n-Nitroso-di-n-propylamine	7.22	70	342803	21.73	ng	87
20) 3+4-Methylphenols	7.22	107	464656	23.58	ng	# 74
22) Acetophenone	7.21	105	599057	20.80	ng	# 95
24) Nitrobenzene	7.38	77	459065	19.43	ng	90
25) Isophorone	7.63	82	967846	22.64	ng	# 94
26) 2-Nitrophenol	7.70	139	212809	21.58	ng	# 75
27) 2,4-Dimethylphenol	7.74	122	375485	21.19	ng	92
28) bis(2-Chloroethoxy)methane	7.84	93	536466	22.25	ng	# 97
29) 2,4-Dichlorophenol	7.95	162	389015	24.29	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	391898	21.76	ng	97
31) Naphthalene	8.11	128	1256227	22.65	ng	99
32) Benzoic acid	7.82	122	57635	4.75	ng	91
33) 4-Chloroaniline	8.16	127	235177	9.84	ng	# 88
34) Hexachlorobutadiene	8.24	225	231028	20.50	ng	99
35) Caprolactam	8.51	113	120836	23.94	ng	# 90
36) 4-Chloro-3-methylphenol	8.65	107	397062	21.09	ng	90
37) 2-Methylnaphthalene	8.81	142	791559m	22.06	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	343101	19.74	ng	99
40) Hexachlorocyclopentadiene	8.97	237	417642	44.73	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082900.D
 Acq On : 13 Nov 2015 16:34
 Operator : UM/IZ
 Sample : G4376-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

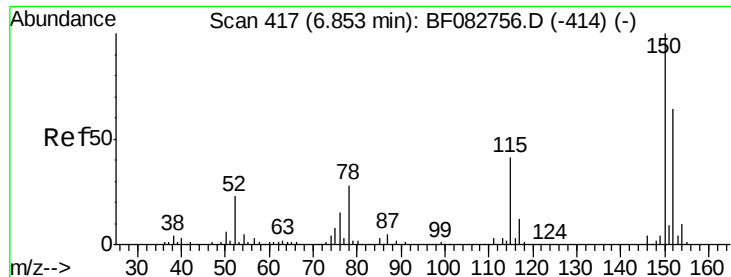
Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:00 PM

Quant Time: Nov 13 22:48:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	272019	20.97	ng	99
43) 2,4,5-Trichlorophenol	9.13	196	290113	22.61	ng #	86
45) 1,1'-Biphenyl	9.26	154	921935	20.31	ng	95
46) 2-Chloronaphthalene	9.29	162	737714	20.84	ng	96
47) 2-Nitroaniline	9.38	65	254543	19.38	ng #	86
48) Acenaphthylene	9.70	152	1212872	21.86	ng	98
49) Dimethylphthalate	9.57	163	1410290	32.55	ng	99
50) 2,6-Dinitrotoluene	9.63	165	226737	24.52	ng #	75
51) Acenaphthene	9.88	154	799065	22.72	ng	99
52) 3-Nitroaniline	9.79	138	153314	15.08	ng #	80
53) 2,4-Dinitrophenol	9.89	184	141733	27.92	ng #	30
54) Dibenzofuran	10.05	168	1127724	23.79	ng #	84
55) 4-Nitrophenol	9.96	139	314988	40.38	ng	83
56) 2,4-Dinitrotoluene	10.03	165	302786	24.14	ng #	85
57) Fluorene	10.38	166	811409	21.13	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	237281	22.66	ng #	89
59) Diethylphthalate	10.27	149	910952	21.53	ng	98
60) 4-Chlorophenyl-phenylether	10.38	204	410593	21.37	ng	92
61) 4-Nitroaniline	10.41	138	236181	23.10	ng #	69
62) Azobenzene	10.54	77	1124500	24.74	ng	94
64) 4,6-Dinitro-2-methylphenol	10.44	198	150362	22.55	ng	76
65) n-Nitrosodiphenylamine	10.50	169	720532	21.31	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	268922	23.86	ng #	95
67) Hexachlorobenzene	10.94	284	289255	22.99	ng #	60
68) Atrazine	11.04	200	294928	28.21	ng	95
69) Pentachlorophenol	11.14	266	318236	41.65	ng	98
70) Phenanthrene	11.35	178	1227243	22.58	ng	98
71) Anthracene	11.40	178	1396341	24.39	ng	99
72) Carbazole	11.55	167	1102799	22.01	ng	99
73) Di-n-butylphthalate	11.89	149	1414041	22.65	ng	99
74) Fluoranthene	12.53	202	1365547	23.42	ng	99
76) Benzidine	12.66	184	539664	19.99	ng	98
77) Pyrene	12.76	202	1440859	26.04	ng	98
79) Butylbenzylphthalate	13.39	149	670447	27.43	ng	95
80) Benzo(a)anthracene	13.95	228	1254909	24.91	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	267577	14.94	ng #	97
82) Chrysene	14.00	228	1191313	25.82	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	905972	27.08	ng #	98
84) Di-n-octyl phthalate	14.58	149	1592852	28.54	ng	97
85) Indeno(1,2,3-cd)pyrene	16.76	276	1060096	26.68	ng #	94
87) Benzo(b)fluoranthene	14.99	252	1112446	21.37	ng #	98
88) Benzo(k)fluoranthene	15.03	252	1127281m	24.41	ng	
89) Benzo(a)pyrene	15.33	252	1040440	23.06	ng #	97
90) Dibenzo(a,h)anthracene	16.77	278	907970	23.77	ng #	97
91) Benzo(g,h,i)perylene	17.17	276	852581	23.30	ng #	97

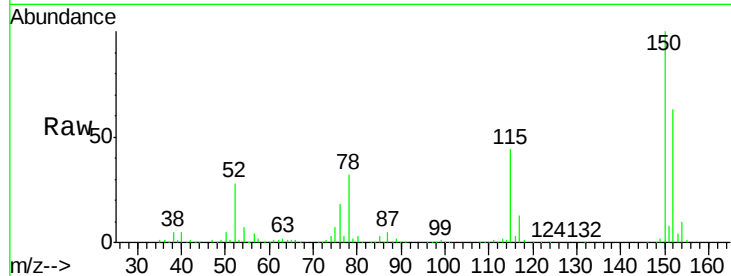
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

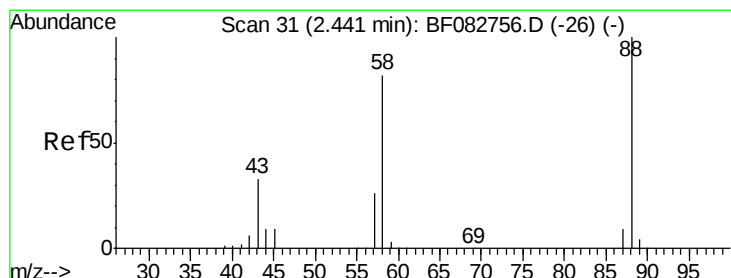
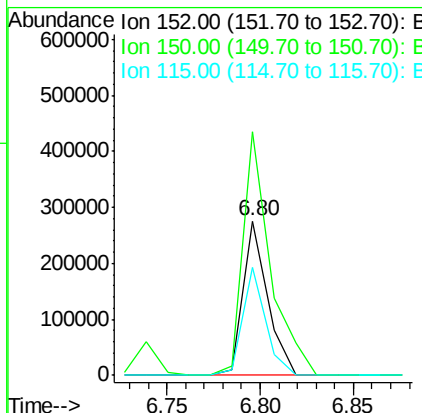
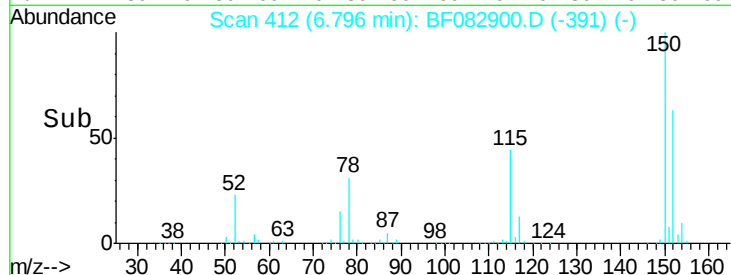
Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.0	190.4
115	69.7	47.0	70.6

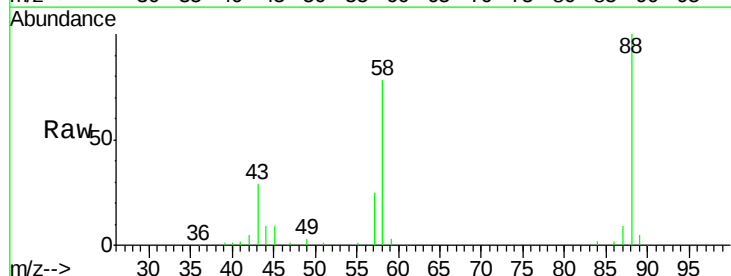
Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM

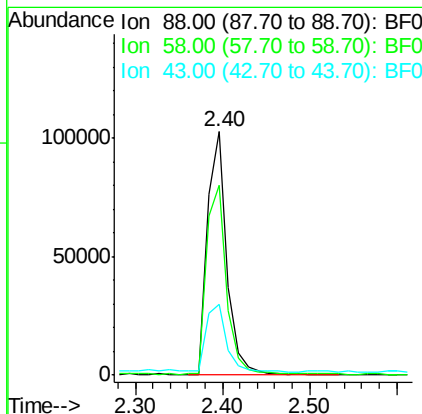
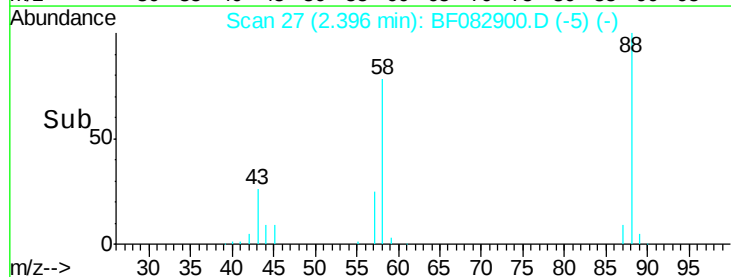


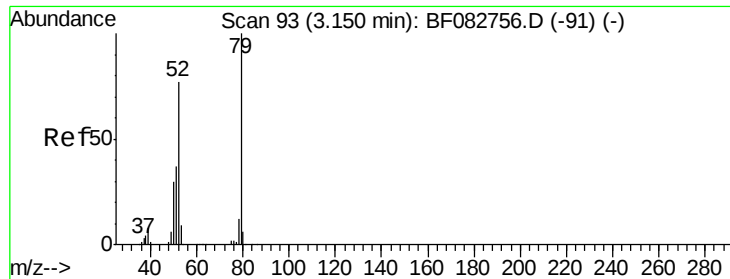
#2

1,4-Dioxane
Concen: 22.99 ng
RT: 2.40 min Scan# 27
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34



Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.4	62.0	93.0
43	29.3	26.6	40.0





#3

Pyridine

Concen: 21.58 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.07 min

Lab File: BF082900.D

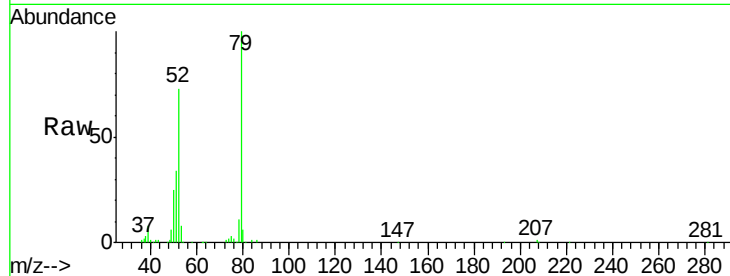
Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

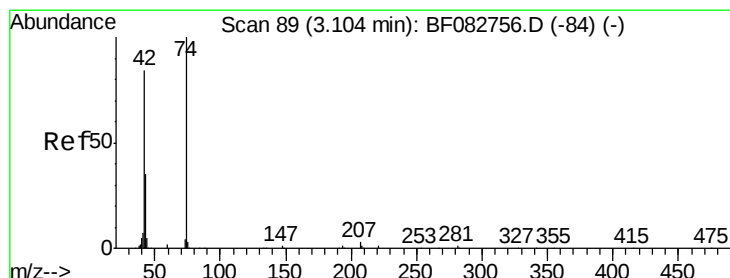
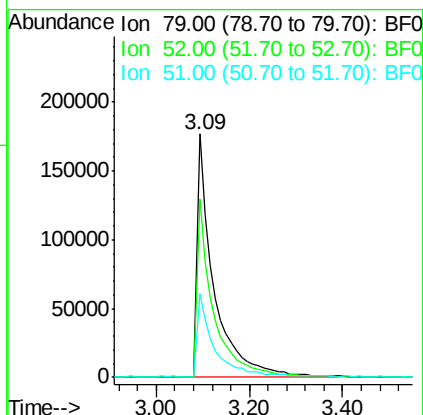
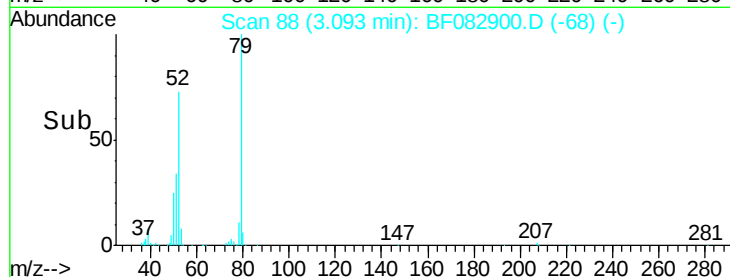
SB-3-4-6FTMSD



Tgt Ion	Ratio	Lower	Upper
79	100		
52	73.4	62.8	94.2
51	34.3	32.0	48.0

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM



#4

n-Nitrosodimethylamine

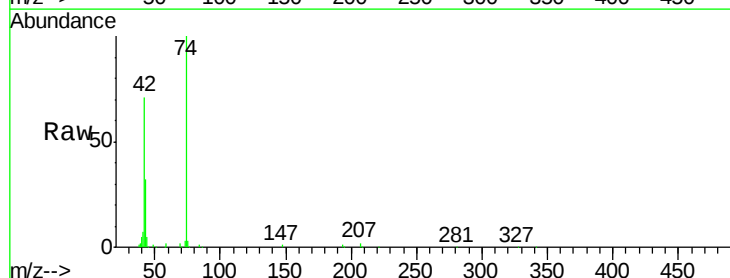
Concen: 21.19 ng

RT: 3.02 min Scan# 82

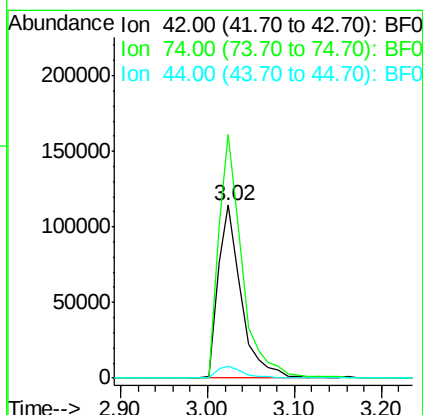
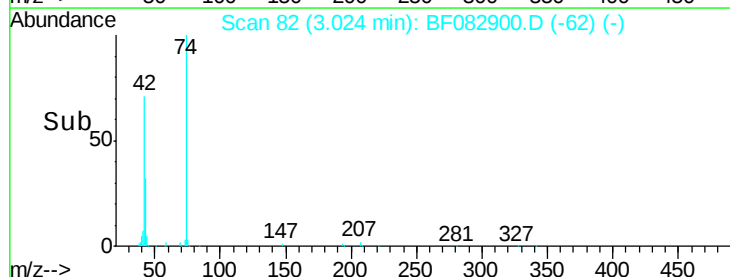
Delta R.T. -0.07 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34



Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.9	87.0	130.4#
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 68.40 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

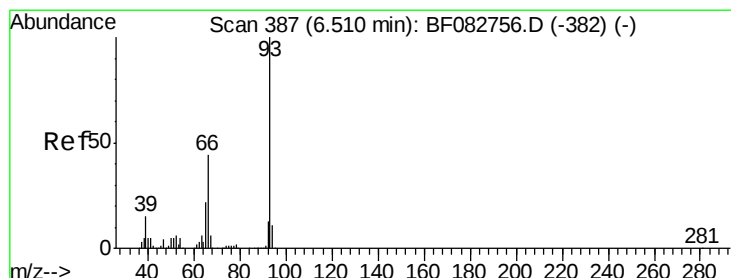
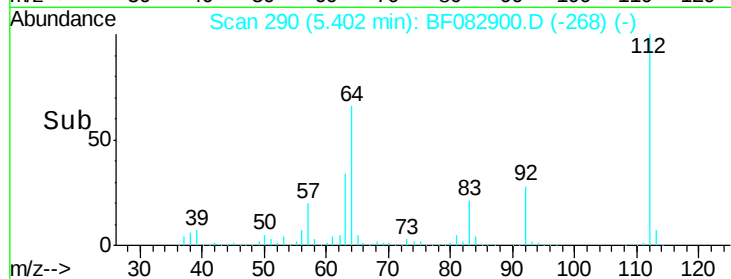
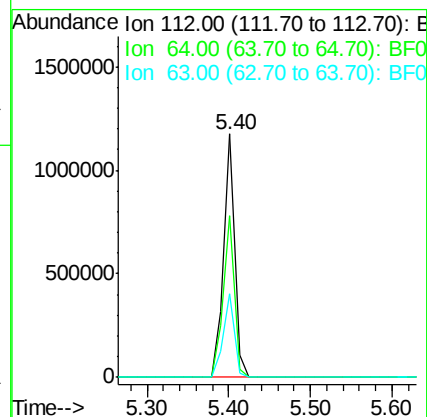
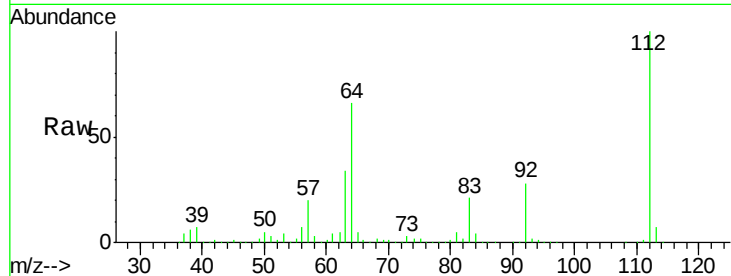
ClientSampleId :

SB-3-4-6FTMSD

Tgt Ion:	112	Resp:	1103976
Ion Ratio	Lower	Upper	
112	100		
64	66.3	48.9	73.3
63	34.3	28.1	42.1

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM



#6

Aniline

Concen: 14.47 ng

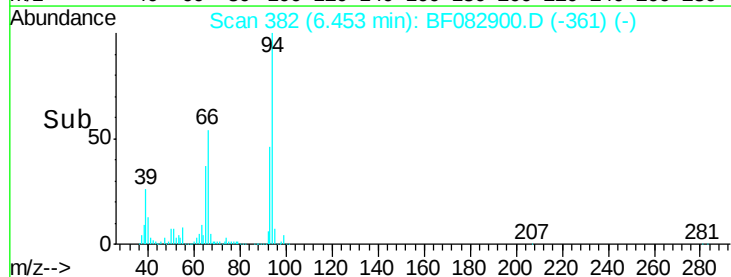
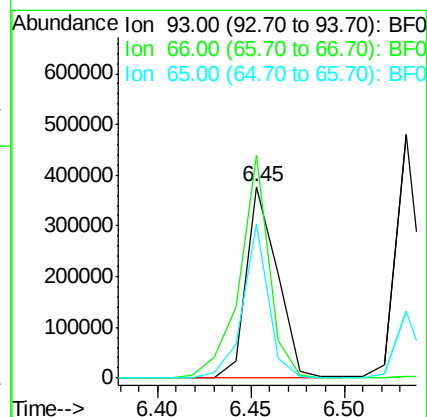
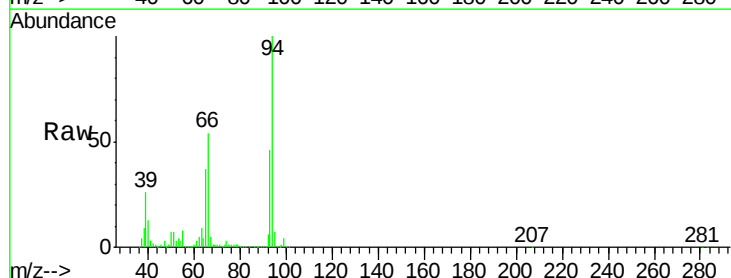
RT: 6.45 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Tgt Ion:	93	Resp:	435856
Ion Ratio	Lower	Upper	
93	100		
66	116.7	33.6	50.4#
65	80.6	18.1	27.1#





#7

Phenol-d6

Concen: 74.62 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

Tgt Ion: 99 Resp: 1601154

Ion Ratio Lower Upper

99 100

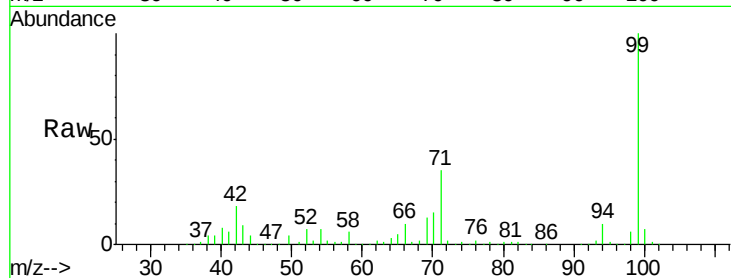
42 17.9 19.2 28.8#

71 34.6 35.0 52.4#

Manual Integrations
APPROVED

Mmdadoda

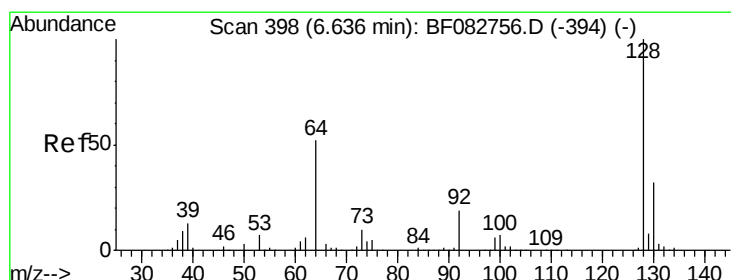
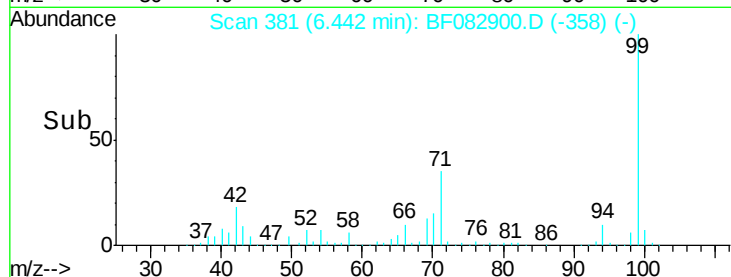
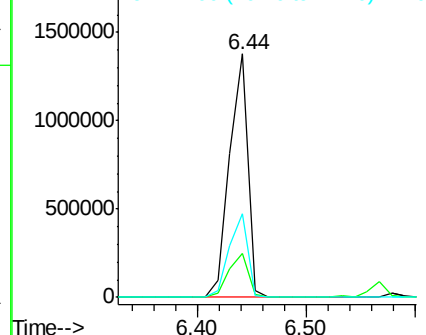
11/16/2015 12:44:00 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 22.11 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

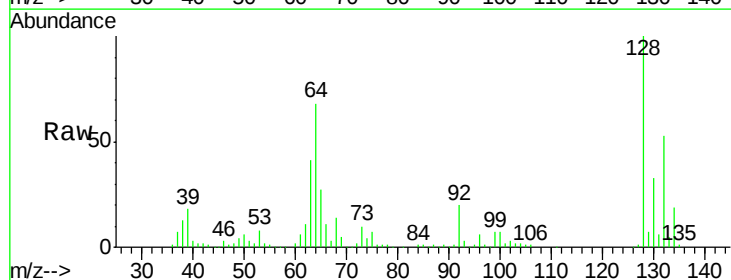
Tgt Ion: 128 Resp: 395637

Ion Ratio Lower Upper

128 100

130 32.8 13.5 53.5

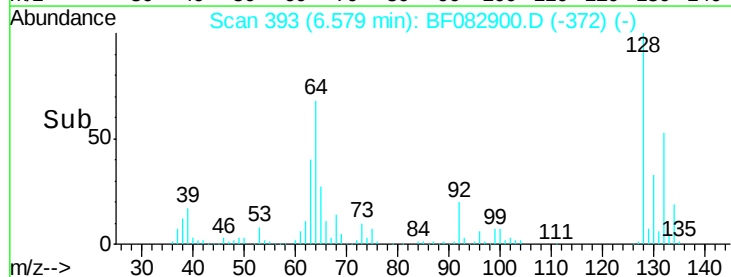
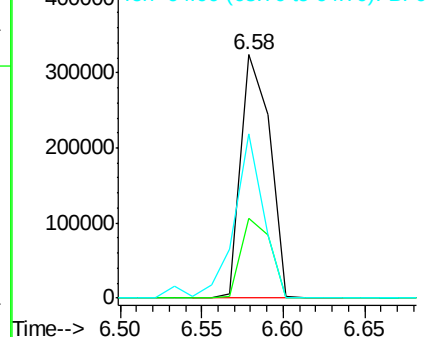
64 67.7 21.1 61.1#

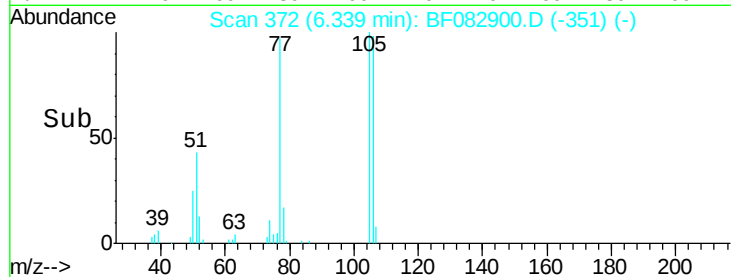
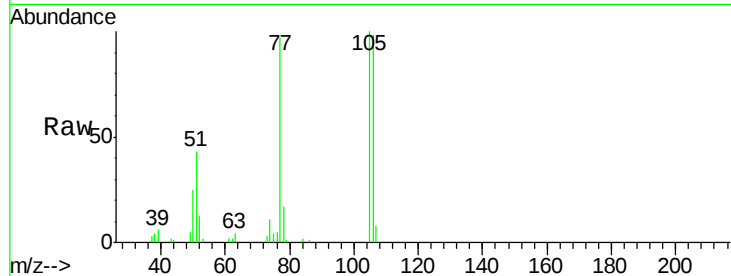
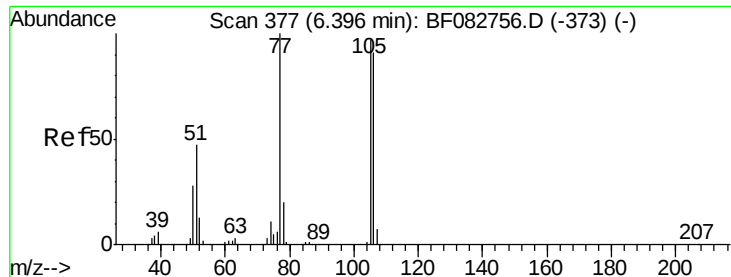


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.63 ng m

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

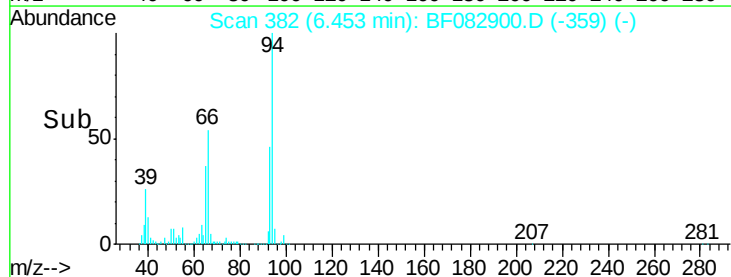
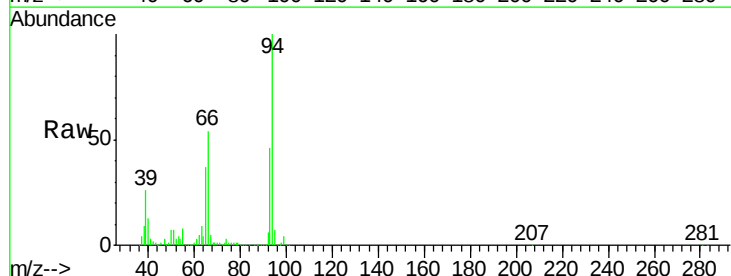
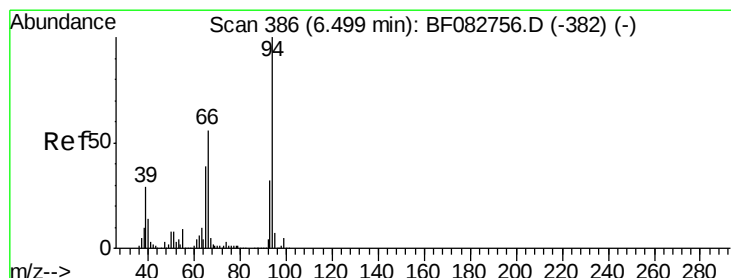
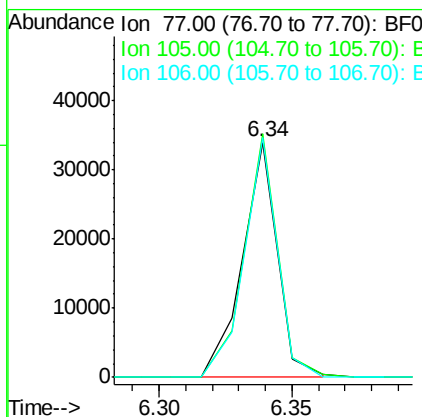
ClientSampleId :

SB-3-4-6FTMSD

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM

Tgt Ion:	77	Resp:	31210
Ion Ratio	Lower	Upper	
77	100		
105	103.5	63.5	103.5#
106	101.8	59.3	99.3#



#10

Phenol

Concen: 28.04 ng

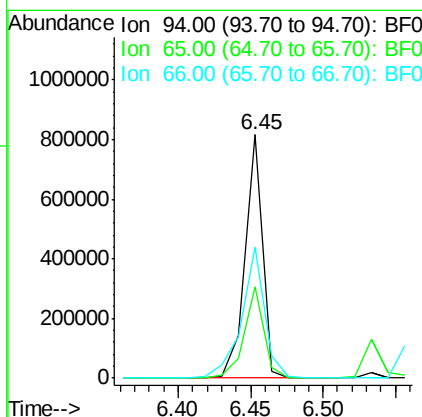
RT: 6.45 min Scan# 382

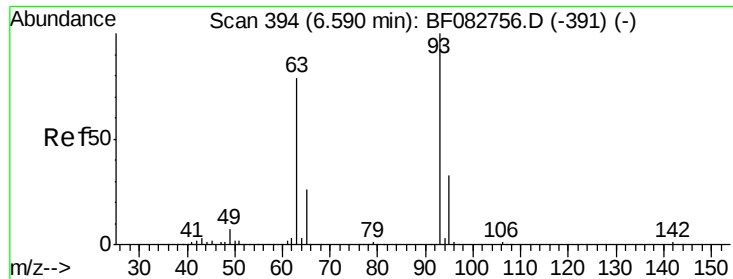
Delta R.T. -0.03 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Tgt Ion:	94	Resp:	682555
Ion Ratio	Lower	Upper	
94	100		
65	37.2	18.9	58.9
66	53.9	34.9	74.9





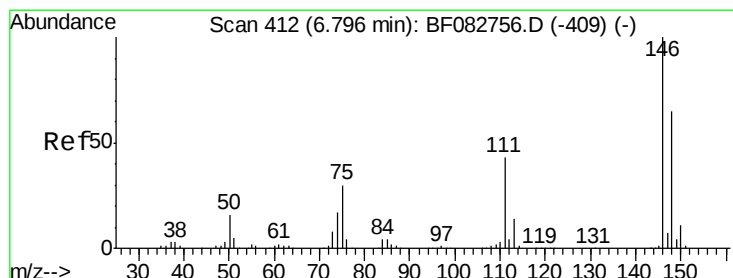
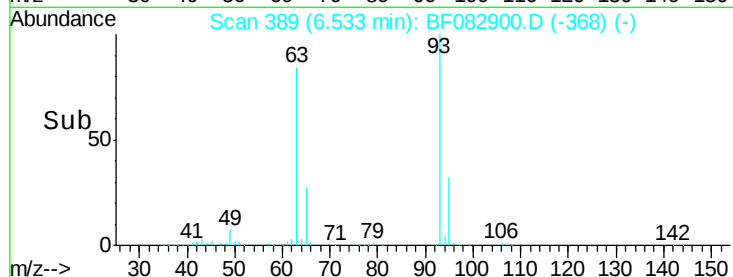
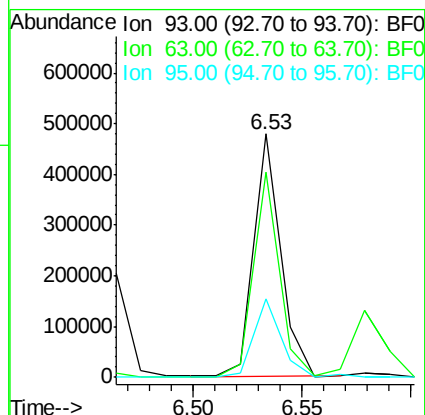
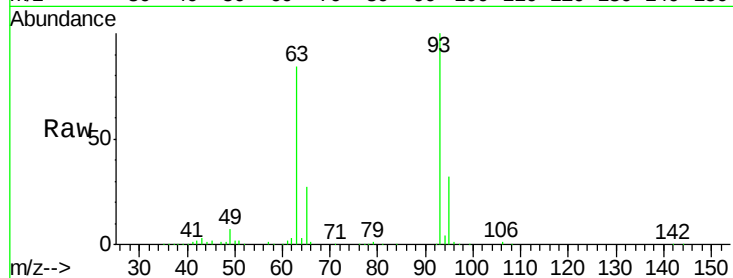
#11
bis(2-Chloroethyl)ether
Concen: 22.64 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.3	72.7	112.7
95	32.4	12.0	52.0

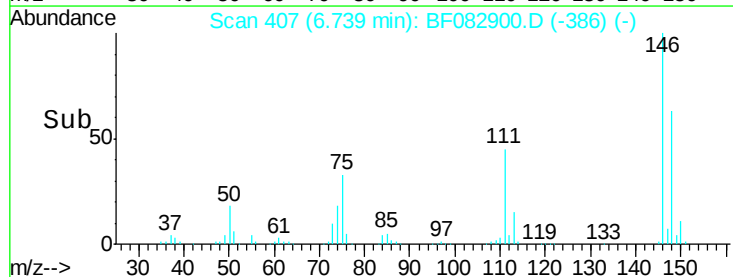
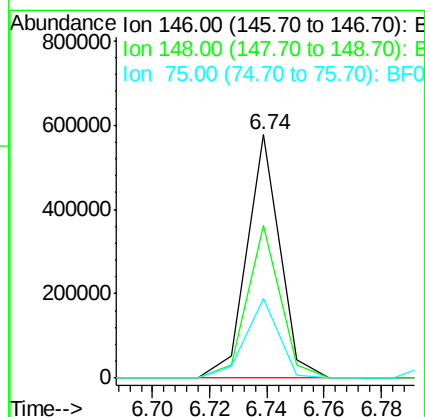
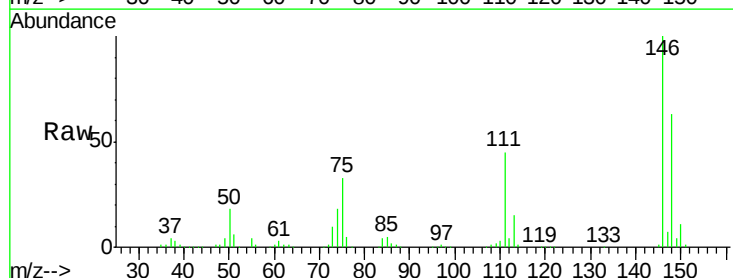
Manual Integrations
APPROVED

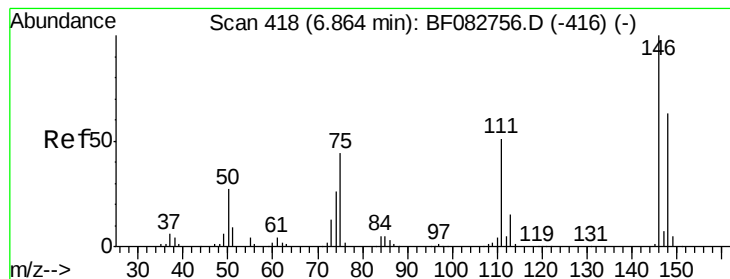
Mmdadoda
11/16/2015 12:44:00 PM



#12
1,3-Dichlorobenzene
Concen: 22.90 ng m
RT: 6.74 min Scan# 407
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.5	75.7
75	32.9	39.5	59.3





#13

1,4-Dichlorobenzene

Concen: 22.59 ng m

RT: 6.82 min Scan# 414

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

Tgt Ion:146 Resp: 474233

Ion Ratio Lower Upper

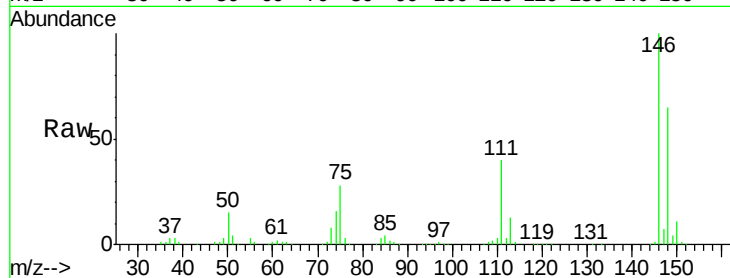
146 100

148 65.1 50.8 76.2

111 40.3 40.6 60.8#

Manual Integrations
APPROVED

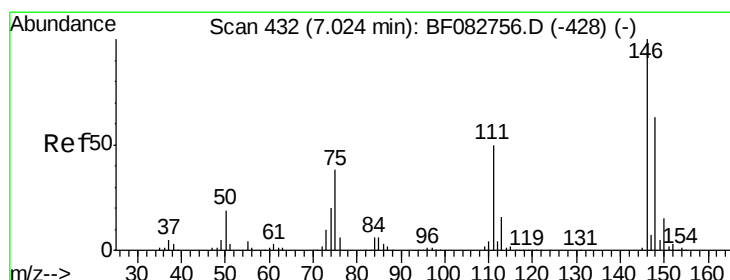
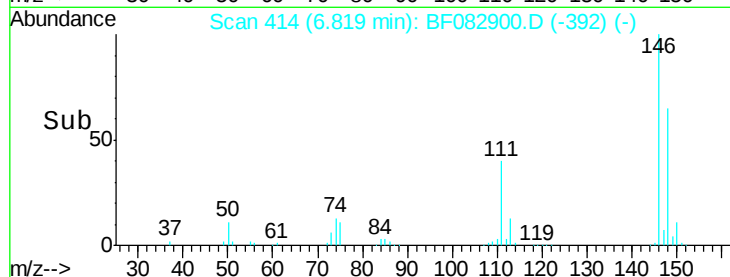
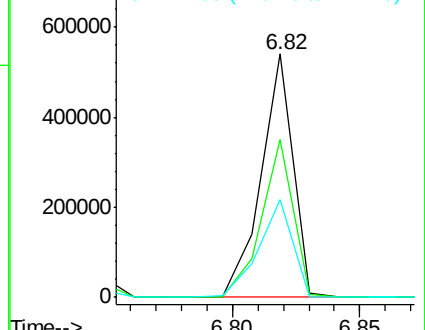
Mmdadoda
11/16/2015 12:44:00 PM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 22.34 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

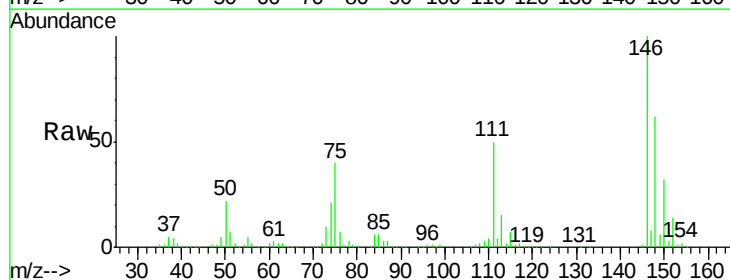
Tgt Ion:146 Resp: 426598

Ion Ratio Lower Upper

146 100

148 62.5 52.2 78.4

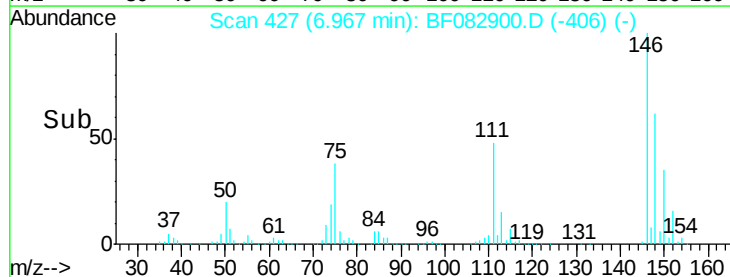
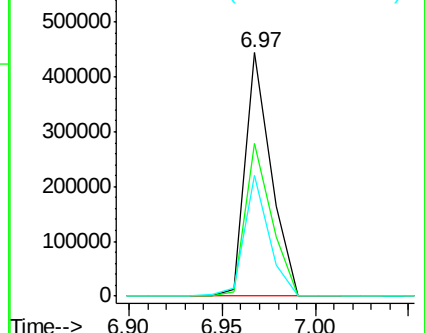
111 49.7 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.05 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

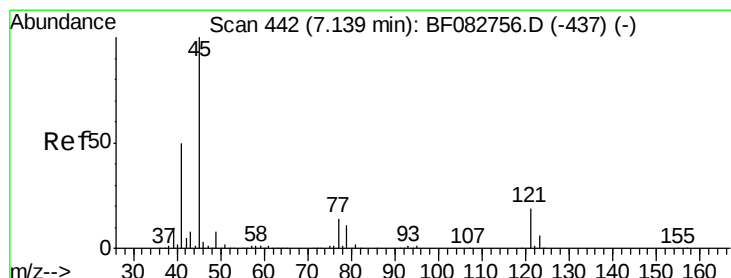
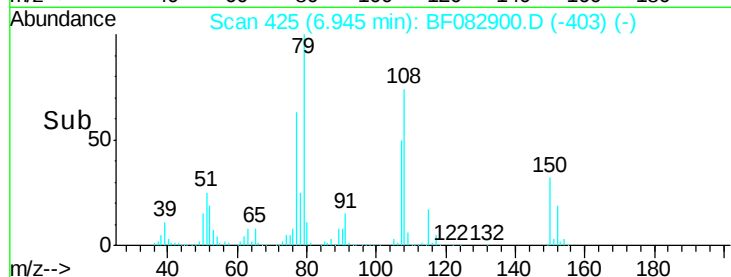
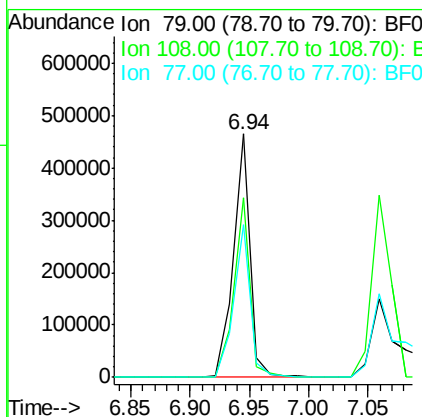
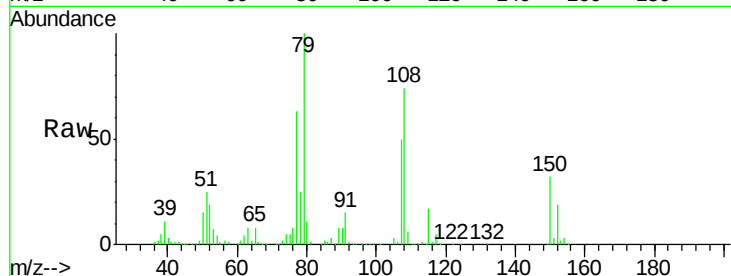
ClientSampleId :

SB-3-4-6FTMSD

Tgt Ion:	79	Resp:	453082
Ion Ratio	Lower	Upper	
79	100		
108	73.6	52.2	78.4
77	62.7	52.7	79.1

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 25.65 ng

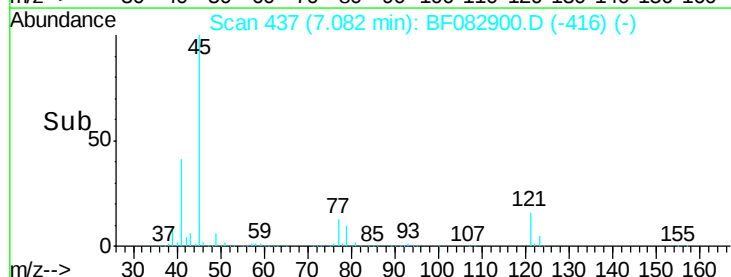
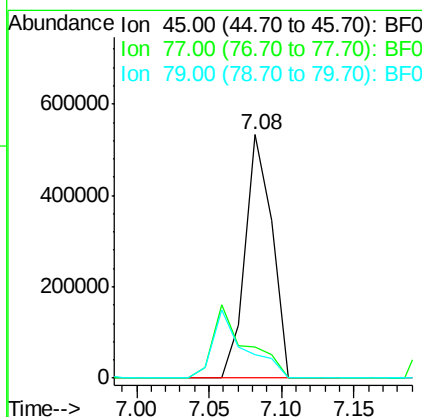
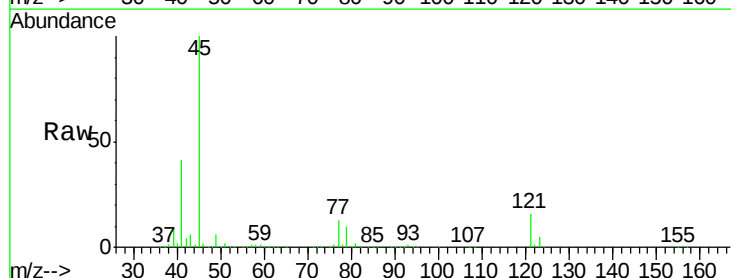
RT: 7.08 min Scan# 437

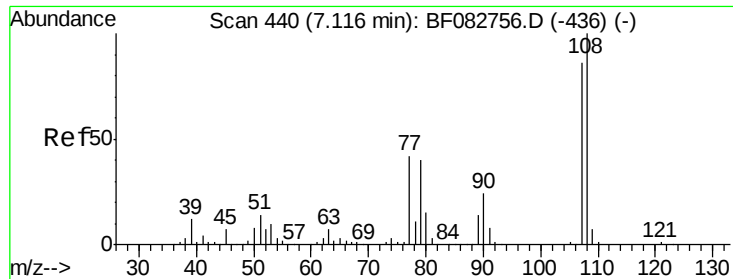
Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Tgt Ion:	45	Resp:	685121
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	32.6
79	9.7	0.0	29.2





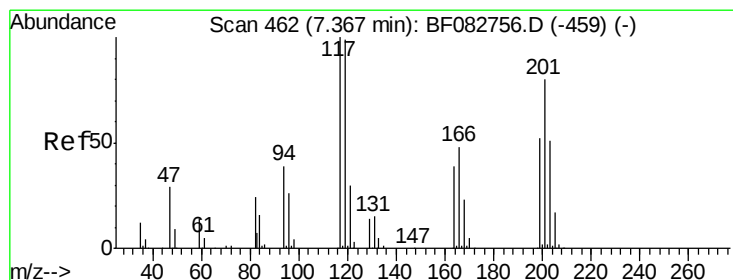
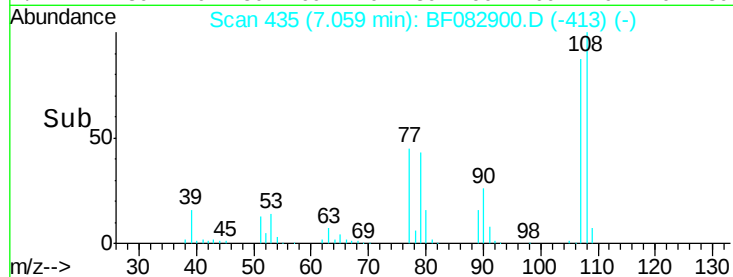
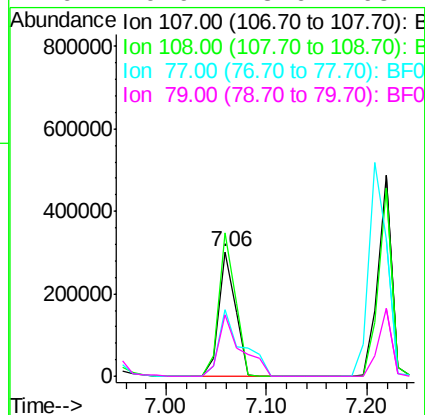
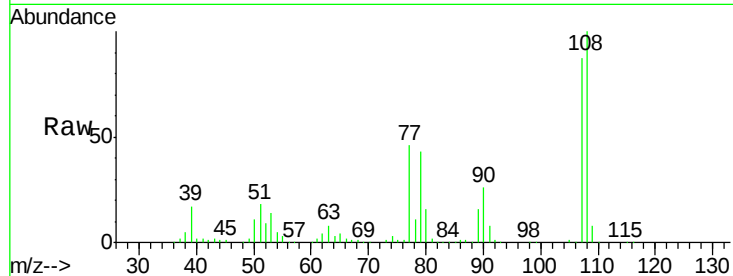
#17
2-Methylphenol
Concen: 23.05 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	349346		
108	115.5	93.0	139.4	
77	53.2	44.1	66.1	
79	49.9	43.6	65.4	

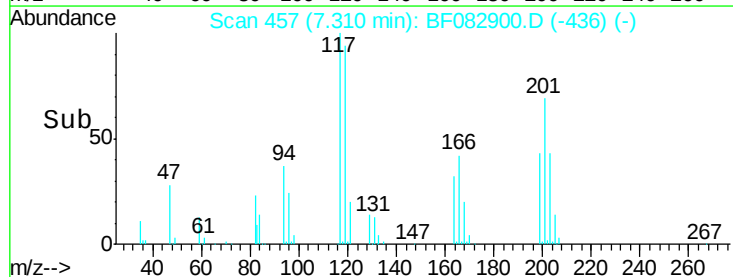
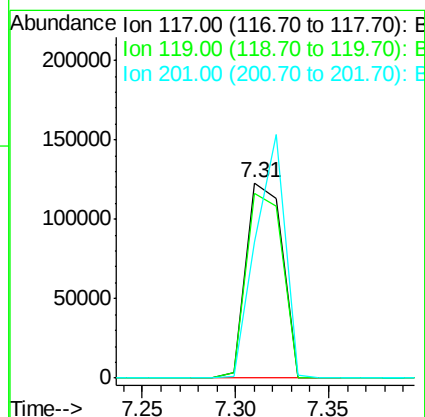
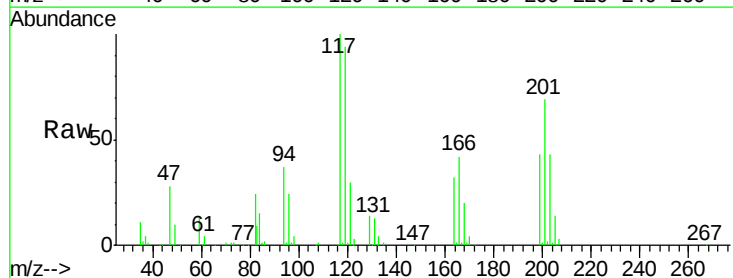
Manual Integrations
APPROVED

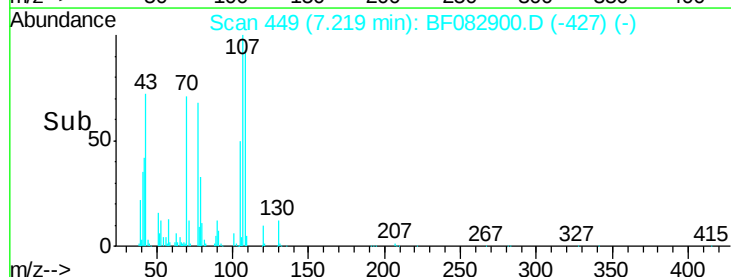
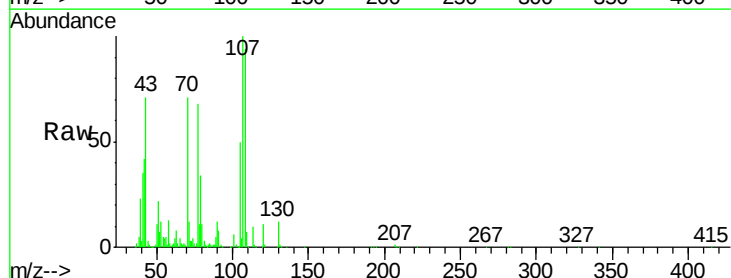
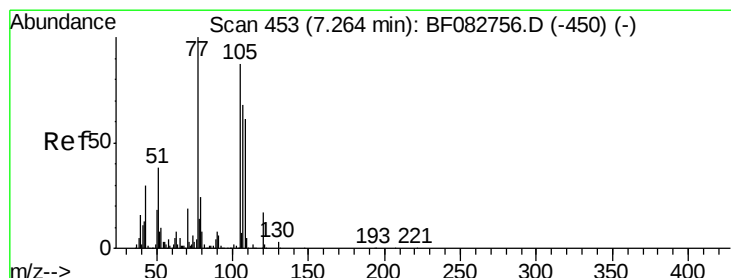
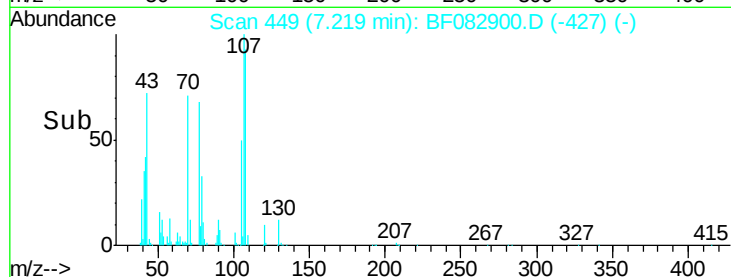
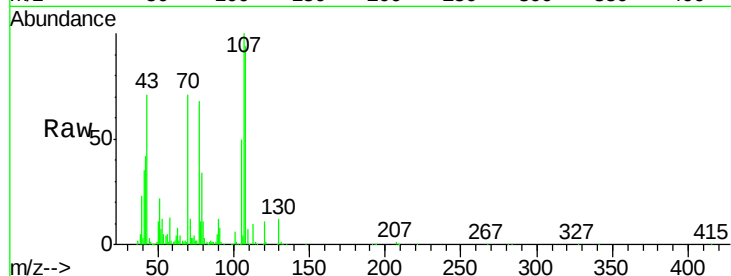
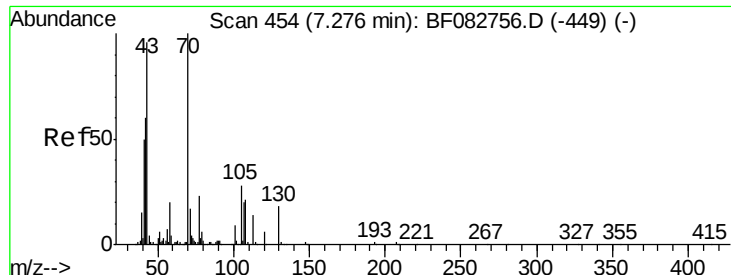
Mmdadoda
11/16/2015 12:44:00 PM



#18
Hexachloroethane
Concen: 21.93 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	164665		
119	94.3	77.7	116.5	
201	69.4	66.7	100.1	





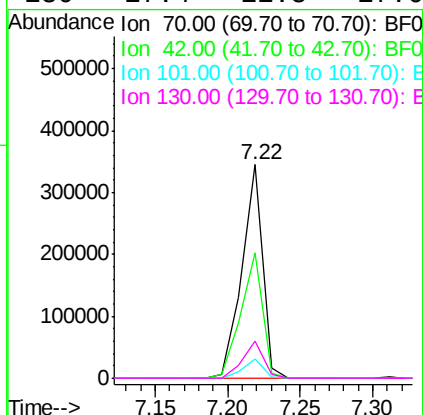
#19
n-Nitroso-di-n-propylamine
Concen: 21.73 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Manual Integrations
APPROVED

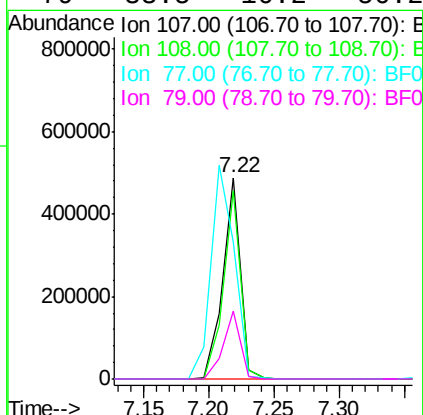
Mmdadoda
11/16/2015 12:44:00 PM

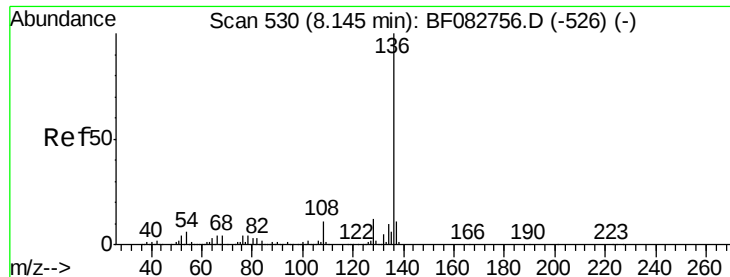
Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.0	57.7	86.5
101	8.9	7.0	10.6
130	17.4	11.8	17.6



#20
3+4-Methylphenols
Concen: 23.58 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.9	67.3	107.3
77	68.1	100.3	140.3
79	33.5	16.2	56.2





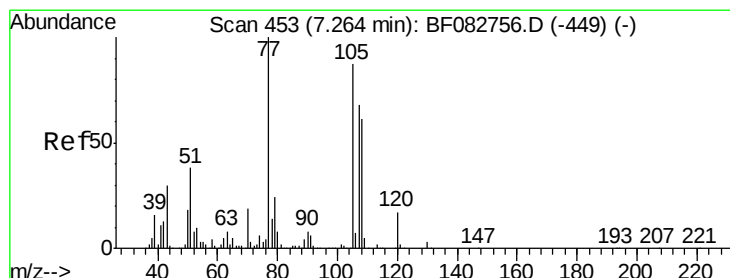
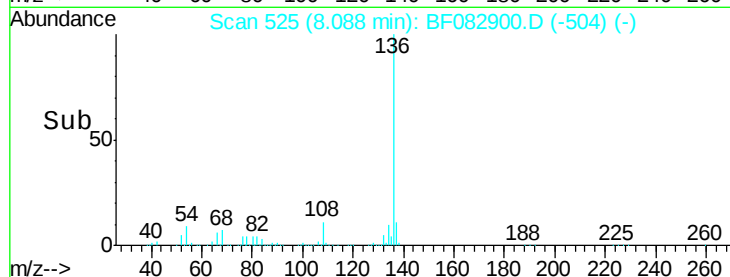
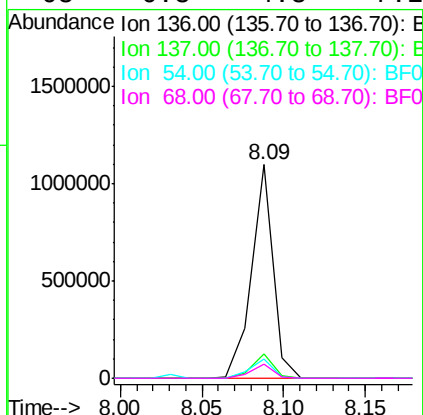
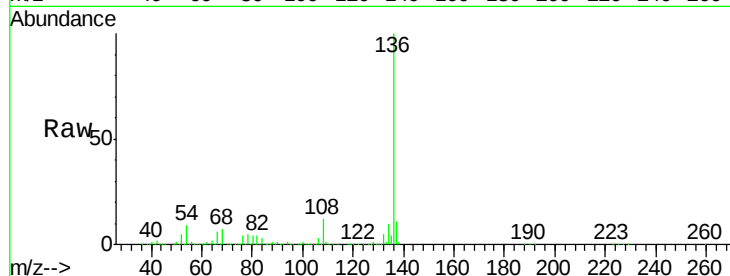
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	1005133		
137	11.4		9.1	13.7
54	9.3		9.1	13.7
68	6.8		4.8	7.2

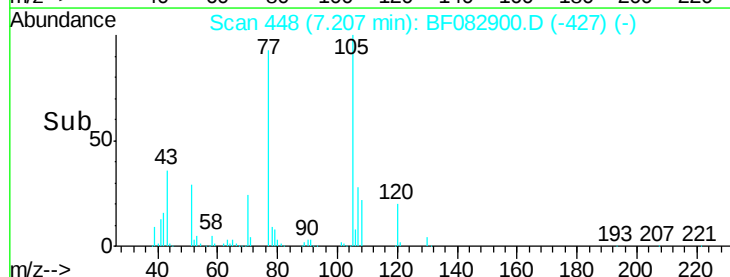
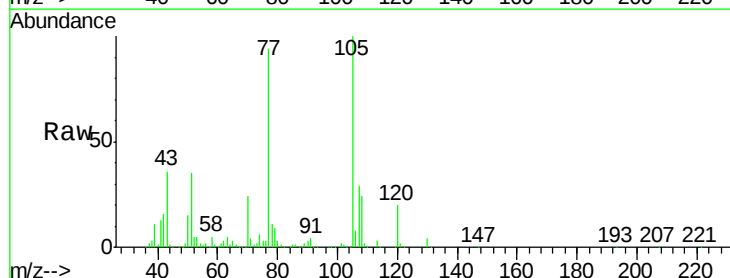
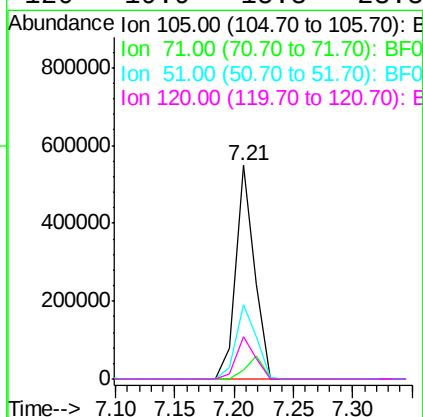
Manual Integrations
APPROVED

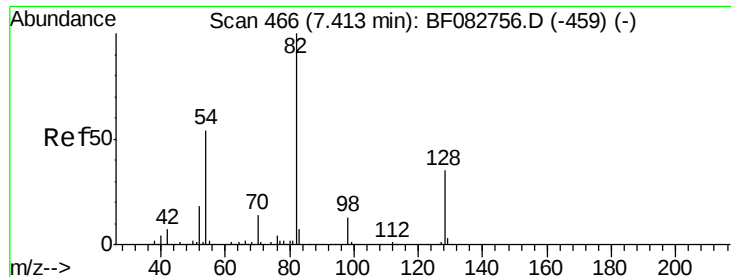
Mmdadoda
11/16/2015 12:44:00 PM



#22
Acetophenone
Concen: 20.80 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	599057		
71	4.1		5.6	8.4#
51	35.0		24.9	37.3
120	19.9		15.8	23.8





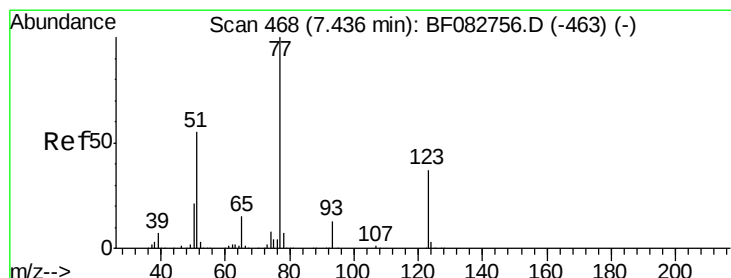
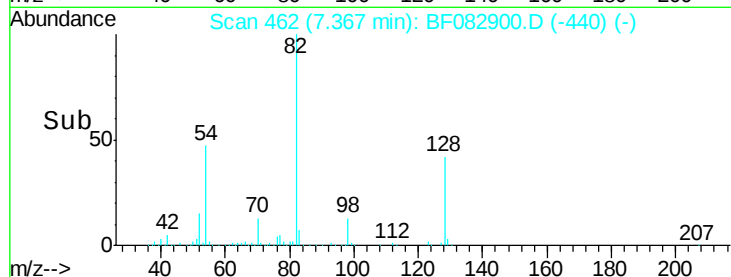
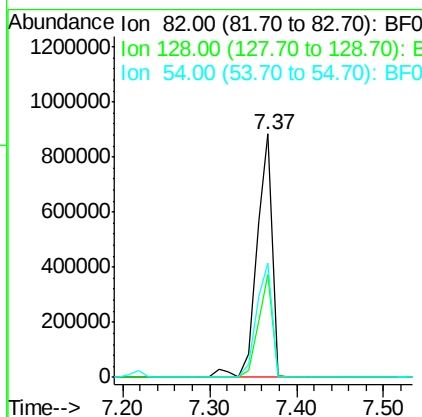
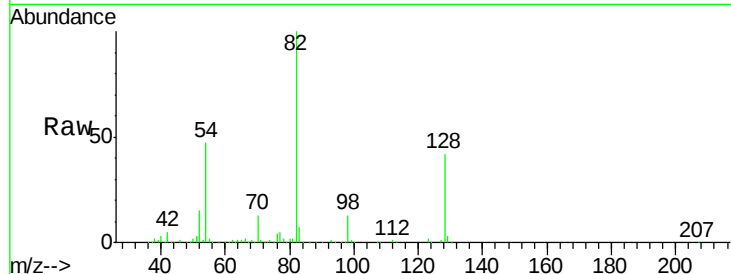
#23
 Nitrobenzene-d5
 Concen: 47.35 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Tgt Ion: 82 Resp: 1093673
 Ion Ratio Lower Upper
 82 100
 128 42.3 26.8 40.2#
 54 47.1 45.7 68.5

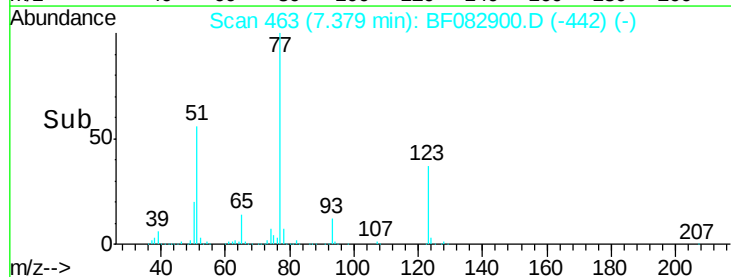
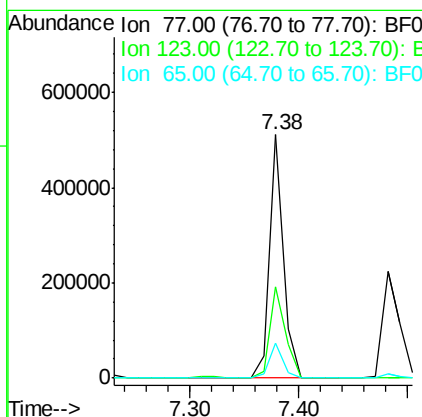
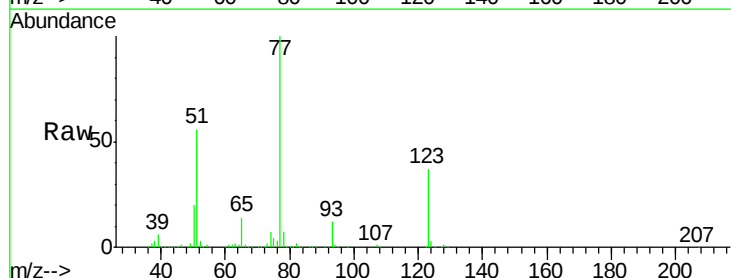
Manual Integrations
 APPROVED

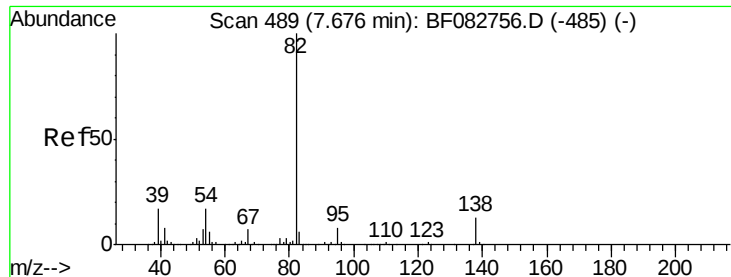
Mmdadoda
 11/16/2015 12:44:00 PM



#24
 Nitrobenzene
 Concen: 19.43 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion: 77 Resp: 459065
 Ion Ratio Lower Upper
 77 100
 123 37.4 36.4 54.6
 65 14.1 11.5 17.3





#25

Isophorone

Concen: 22.64 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

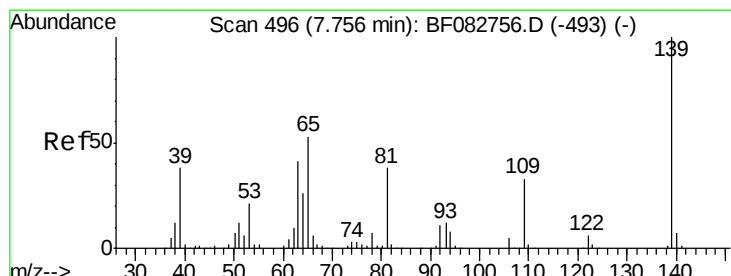
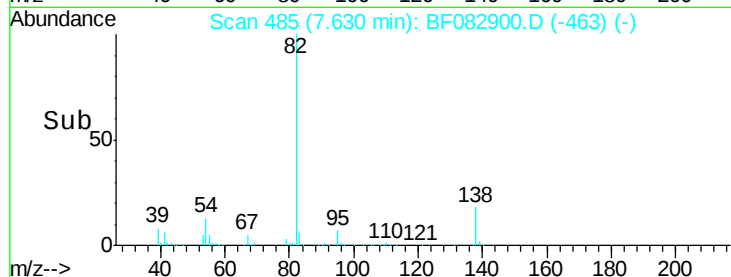
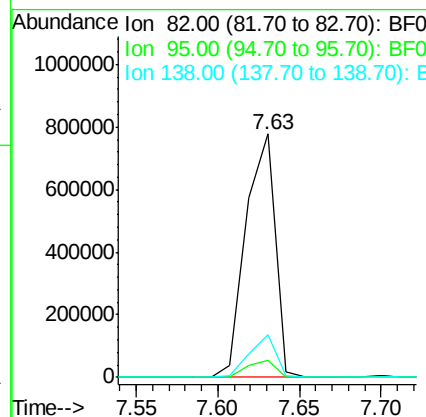
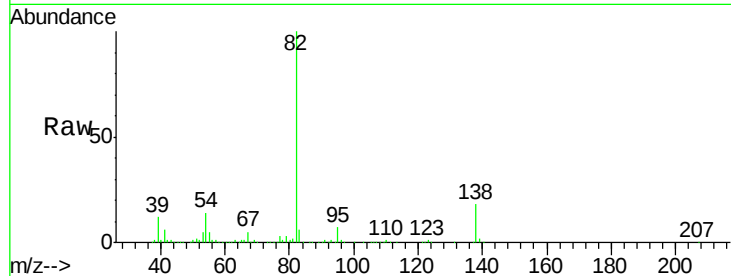
ClientSampleId :

SB-3-4-6FTMSD

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.6	9.8
138	17.6	11.4	17.0#



#26

2-Nitrophenol

Concen: 21.58 ng

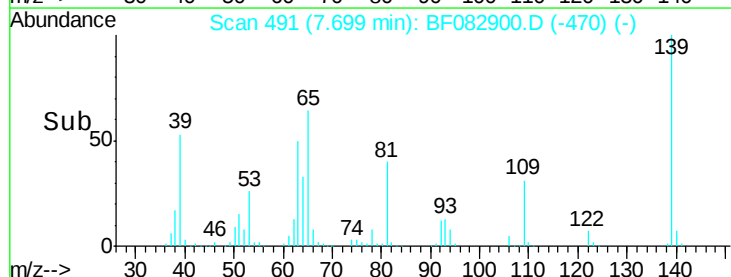
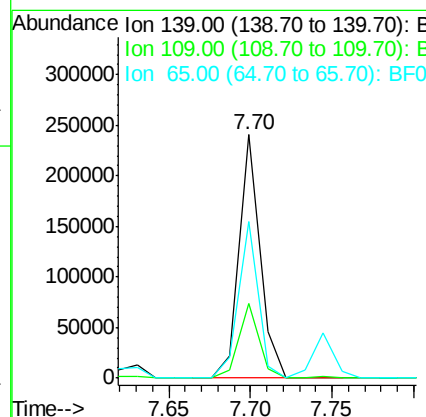
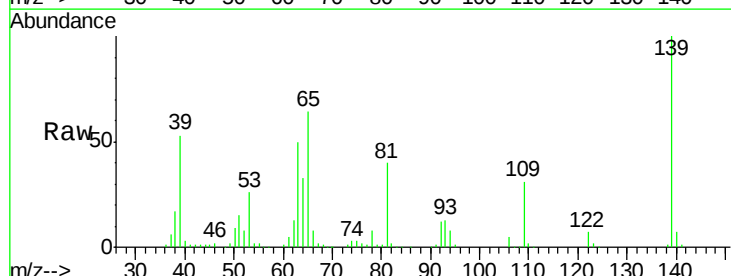
RT: 7.70 min Scan# 491

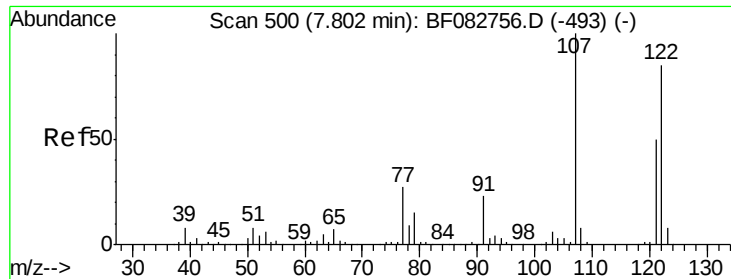
Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

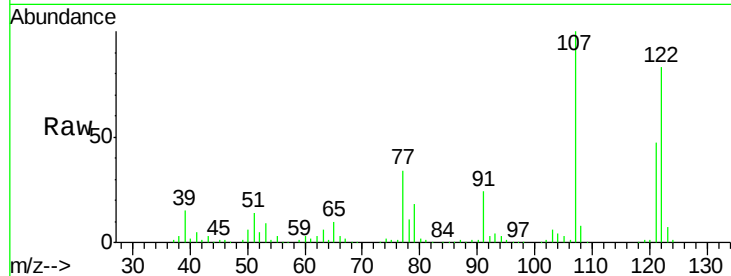
Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.8	37.6	56.4#
65	64.4	70.6	105.8#





#27
 2,4-Dimethylphenol
 Concen: 21.19 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

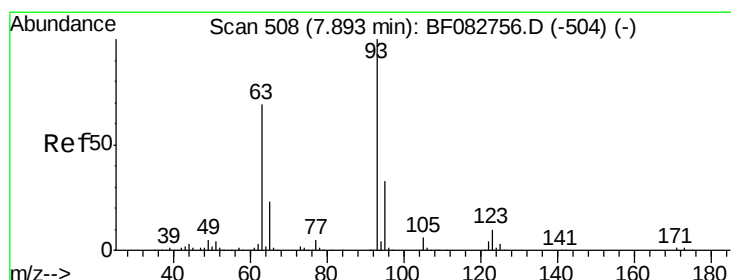
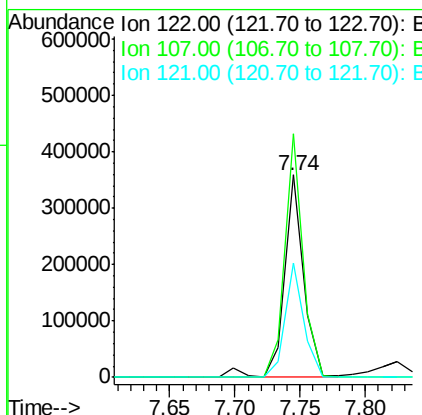
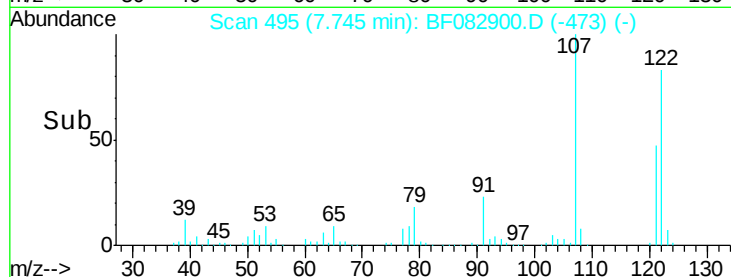
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	375485		
107	120.4	106.0	159.0	
121	56.4	46.7	70.1	

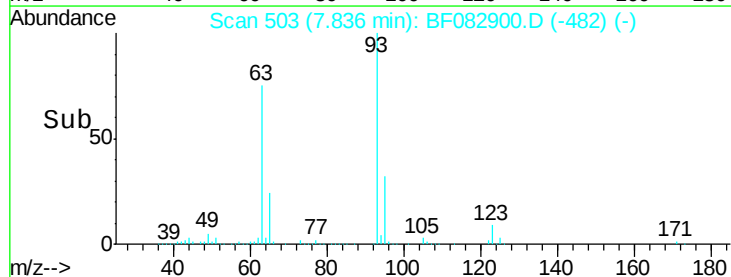
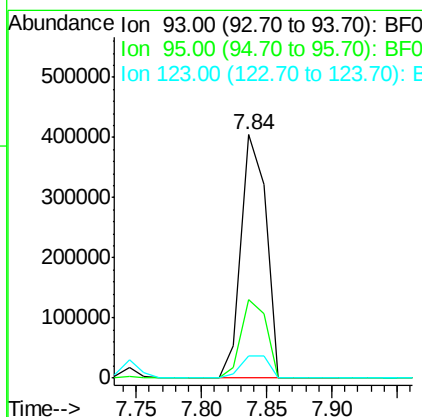
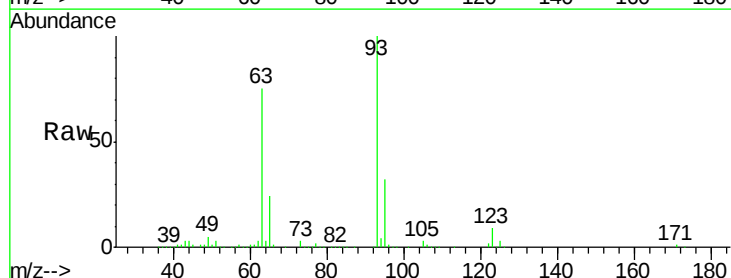
Manual Integrations
 APPROVED

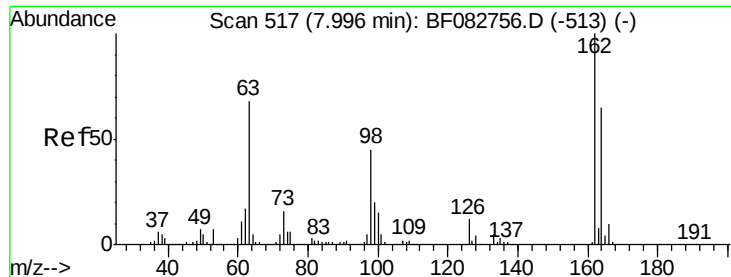
Mmdadoda
 11/16/2015 12:44:00 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 22.25 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	536466		
95	32.3	26.6	40.0	
123	8.9	9.7	14.5	





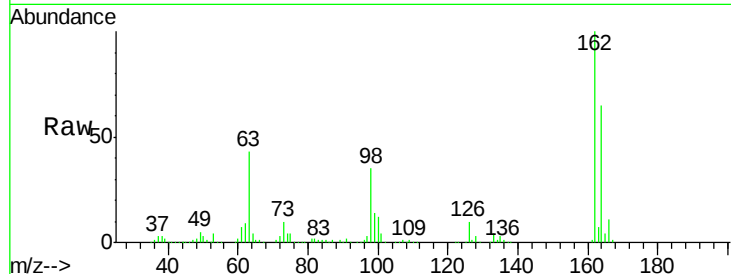
#29
2,4-Dichlorophenol
Concen: 24.29 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.8	46.8	86.8
98	34.5	12.5	52.5

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM

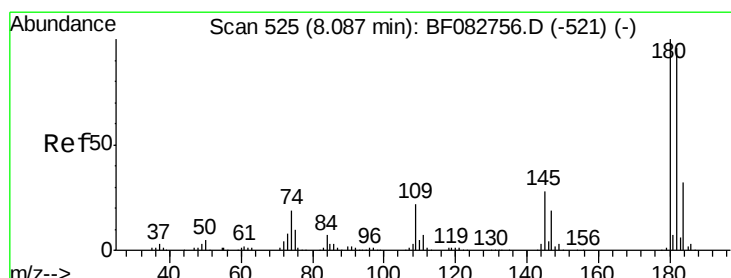
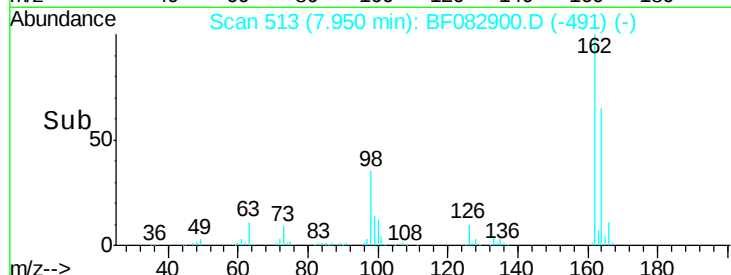
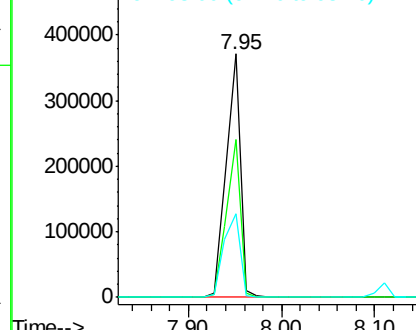


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 21.76 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

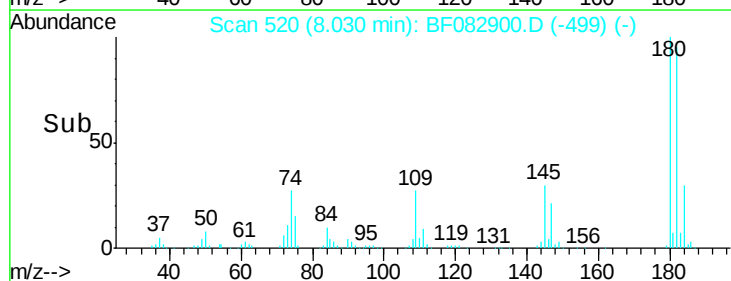
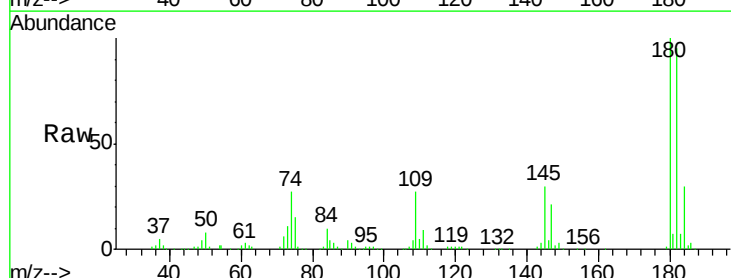
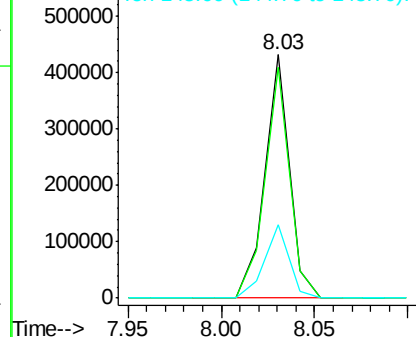
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	74.9	112.3
145	30.3	27.8	41.8

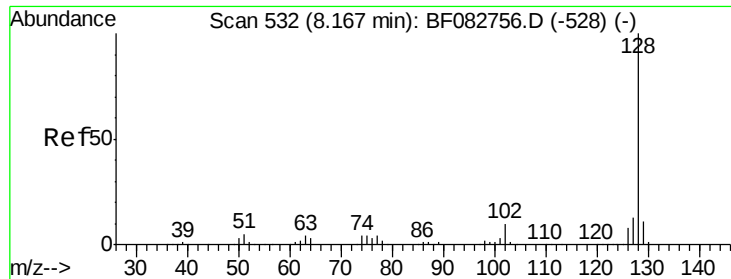
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





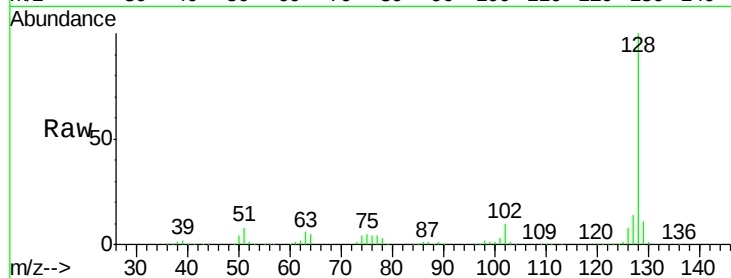
#31
Naphthalene
Concen: 22.65 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

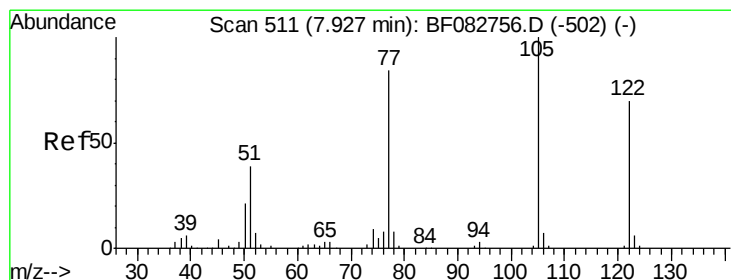
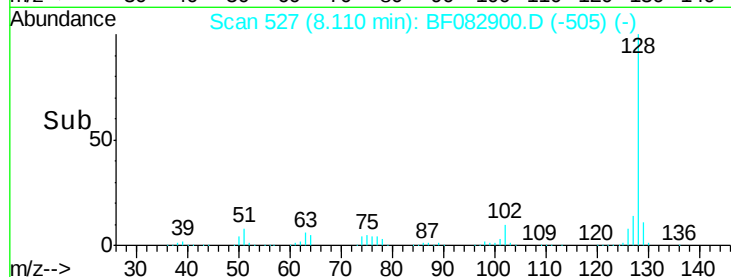
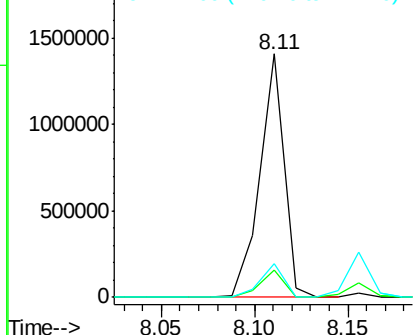
Tgt Ion:128 Resp: 1256227
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.8 11.4 17.0

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM

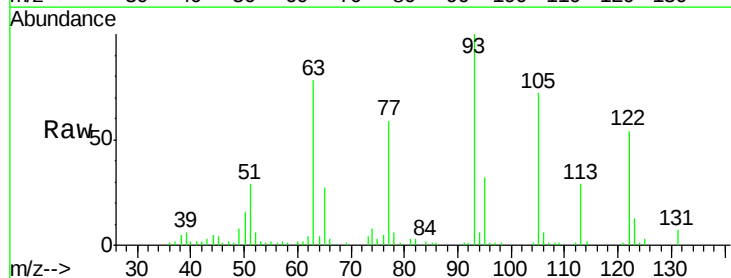


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

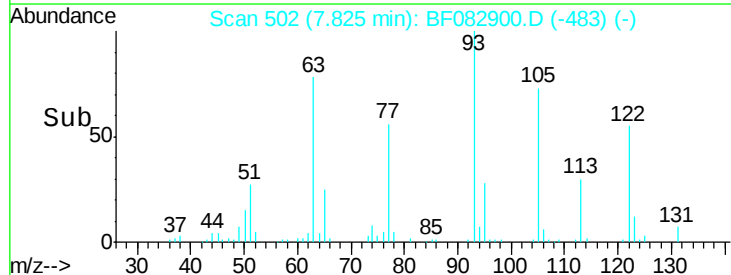
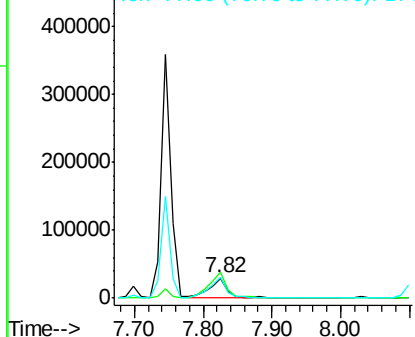


#32
Benzoic acid
Concen: 4.75 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.08 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion:122 Resp: 57635
Ion Ratio Lower Upper
122 100
105 133.9 122.6 162.6
77 109.1 100.9 140.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





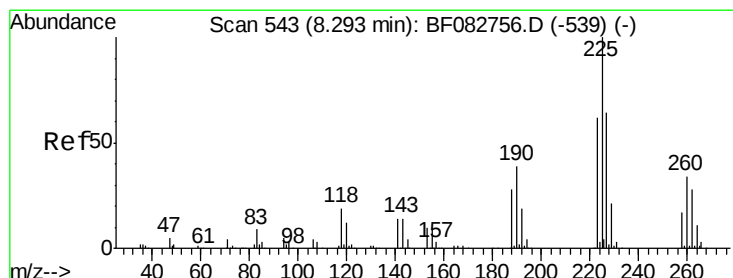
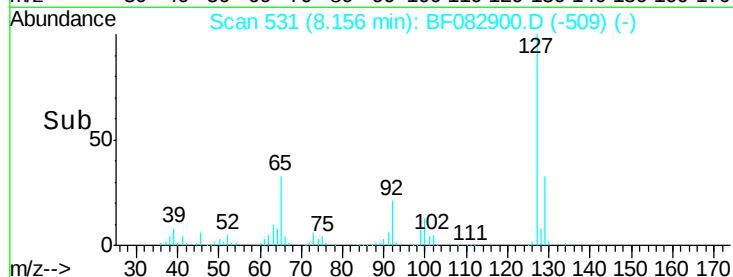
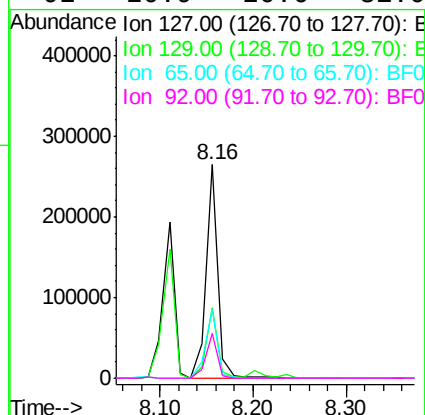
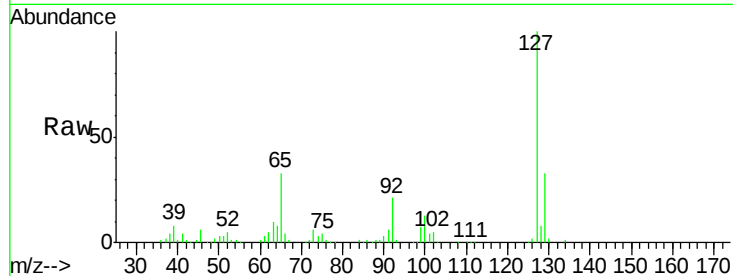
#33
4-Chloroaniline
Concen: 9.84 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.8	26.3	39.5
65	32.6	37.8	56.8
92	20.9	20.6	31.0

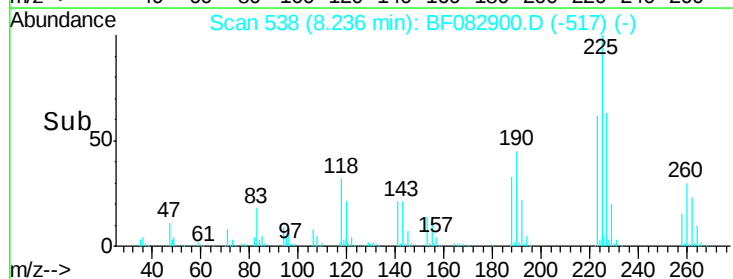
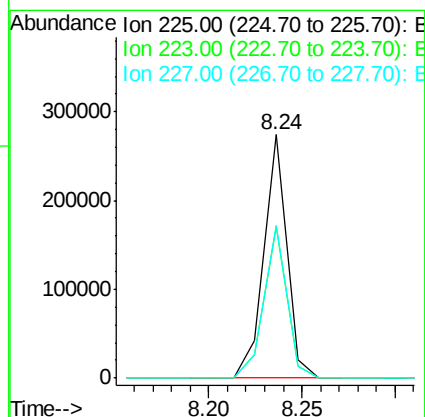
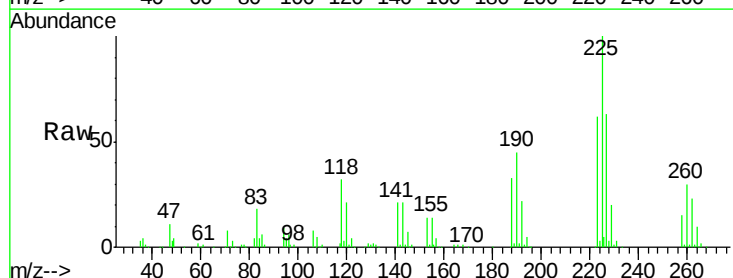
Manual Integrations
APPROVED

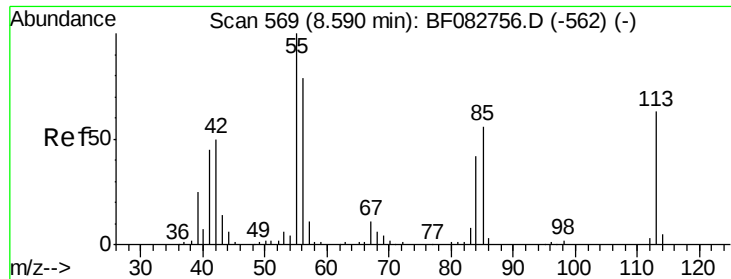
Mmdadoda
11/16/2015 12:44:00 PM



#34
Hexachlorobutadiene
Concen: 20.50 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.0	50.5	75.7
227	62.9	50.2	75.2





#35

Caprolactam

Concen: 23.94 ng

RT: 8.51 min Scan# 562

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

Tgt Ion:113 Resp: 120836
Ion Ratio Lower Upper

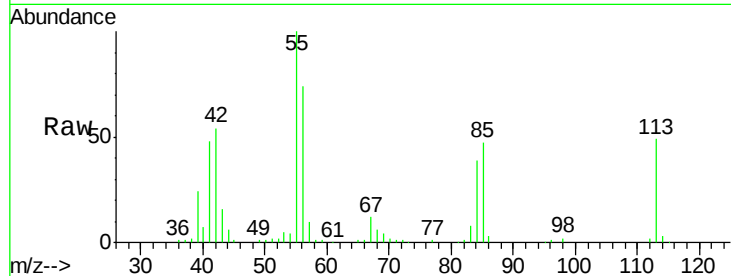
113 100

55 205.7 195.5 235.5

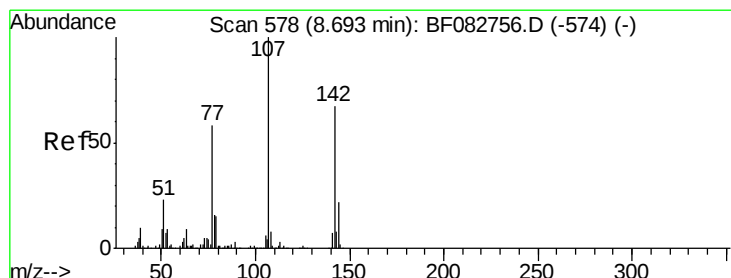
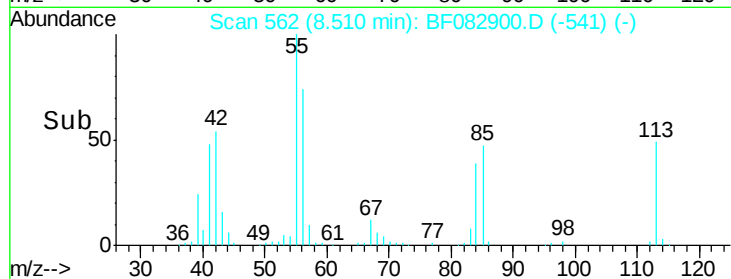
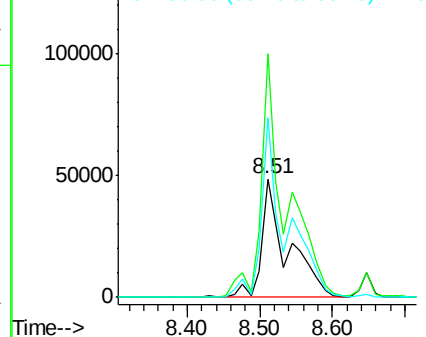
56 152.0 153.5 193.5#

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 21.09 ng

RT: 8.65 min Scan# 574

Delta R.T. -0.05 min

Lab File: BF082900.D

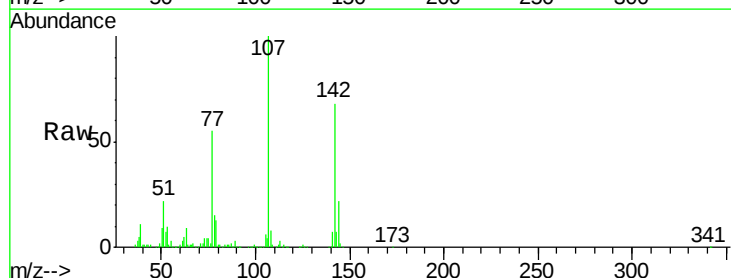
Acq: 13 Nov 2015 16:34

Tgt Ion:107 Resp: 397062
Ion Ratio Lower Upper

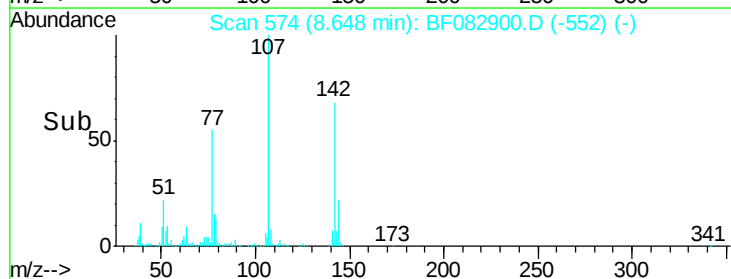
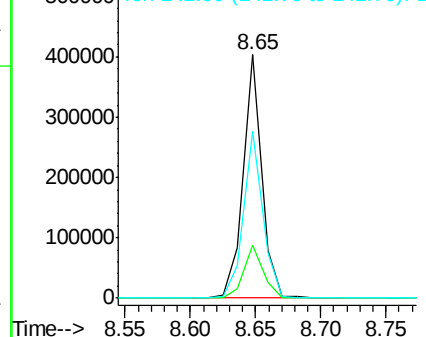
107 100

144 21.6 15.4 23.0

142 68.4 47.8 71.8



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





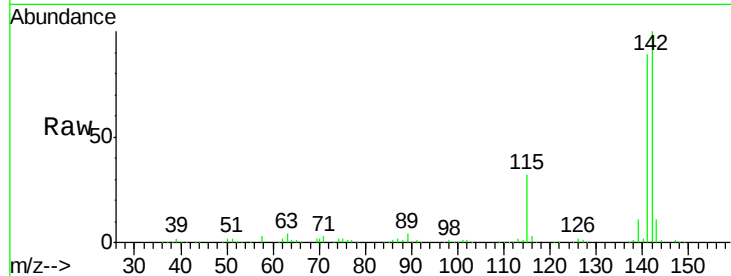
#37
2-Methylnaphthalene
Concen: 22.06 ng m
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

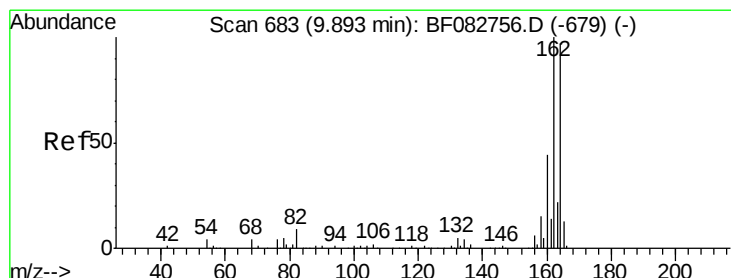
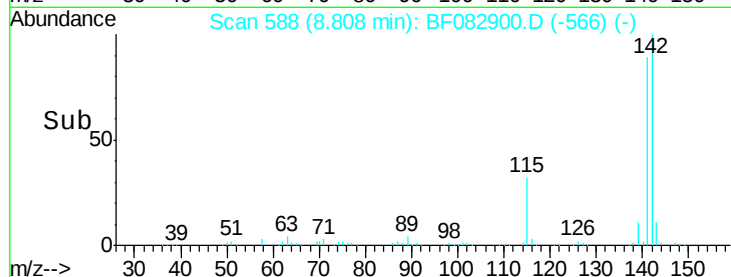
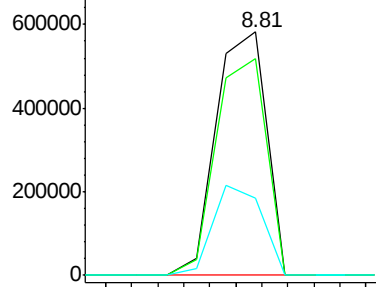
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.3	108.5
115	31.8	38.1	57.1

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM

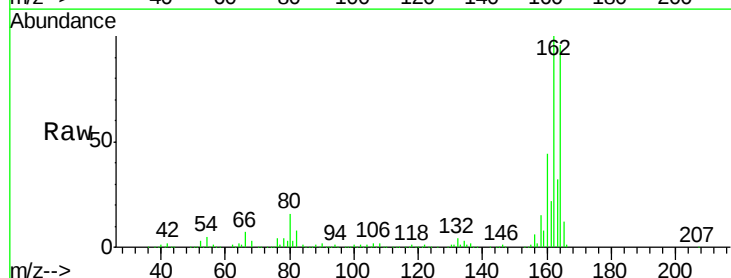


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

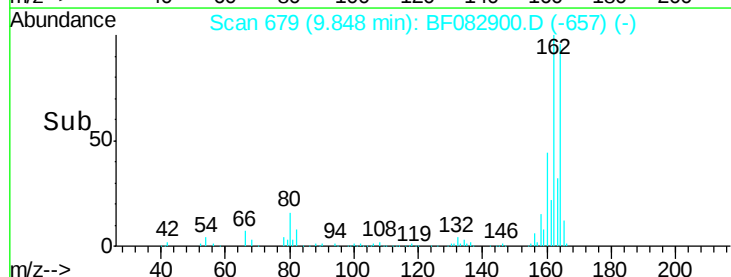
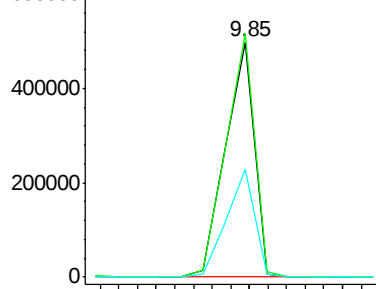


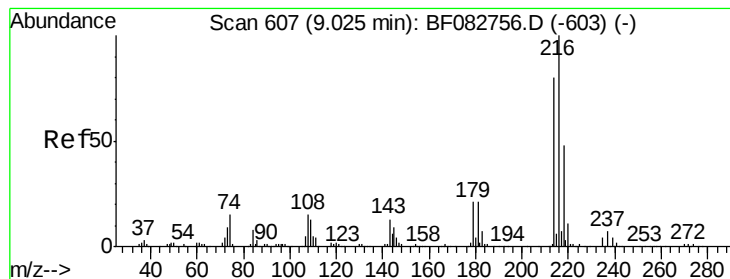
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	84.9	127.3
160	45.8	37.5	56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.74 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.06 min

Lab File: BF082900.D

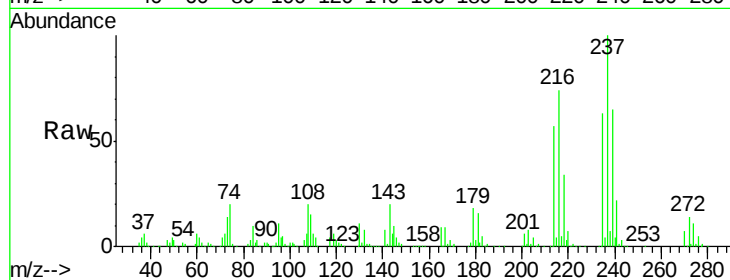
Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD



Tgt Ion: 216 Resp: 343101

Ion Ratio Lower Upper

216 100

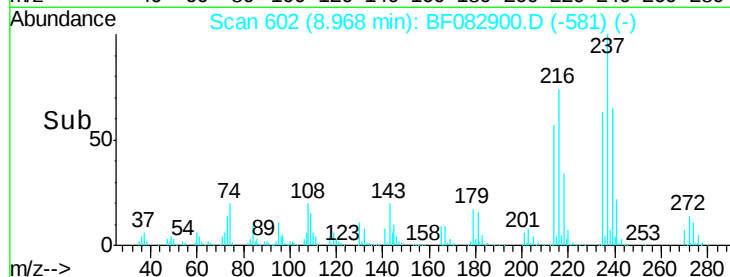
214 77.6 62.2 93.2

179 21.2 18.1 27.1

108 22.3 16.6 25.0

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM

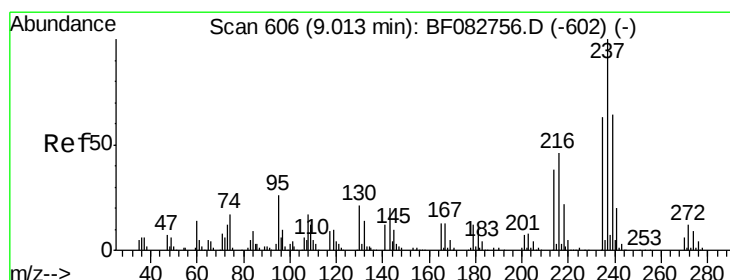
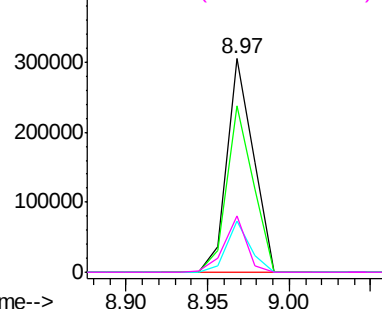


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.73 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

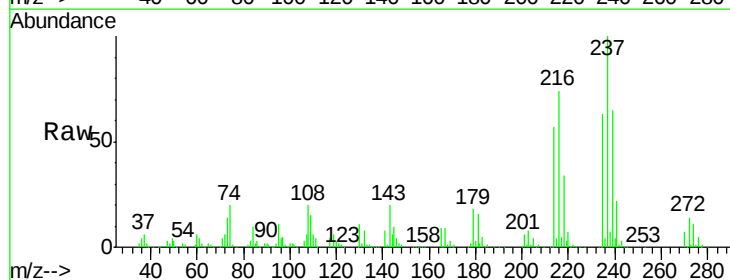
Tgt Ion: 237 Resp: 417642

Ion Ratio Lower Upper

237 100

235 62.6 44.3 84.3

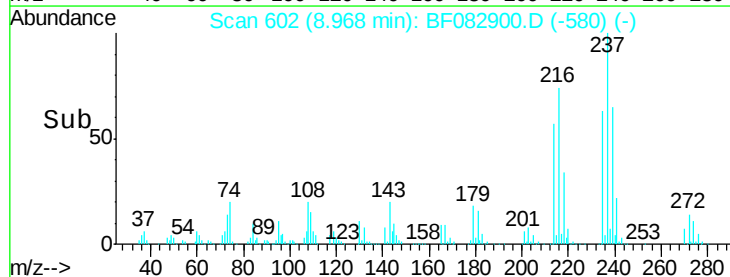
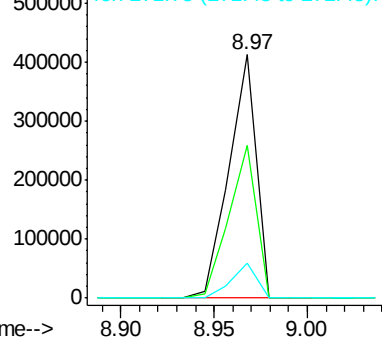
272 14.2 0.0 31.9

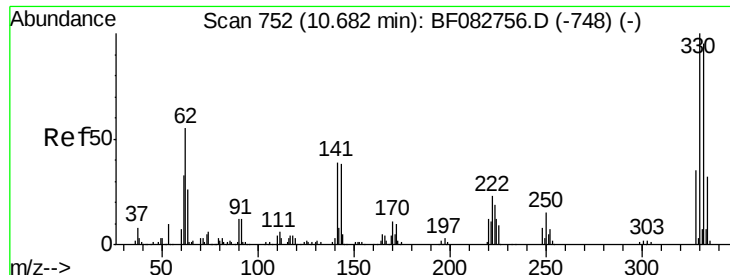


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





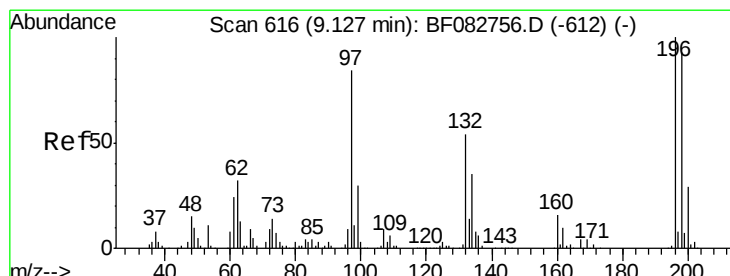
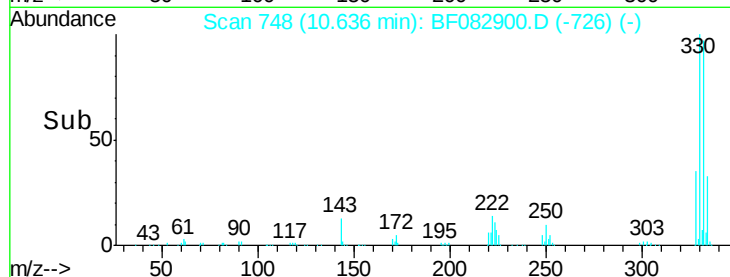
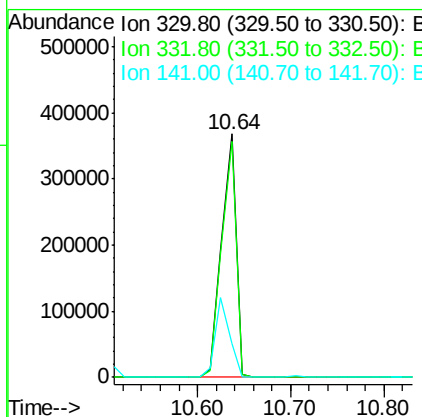
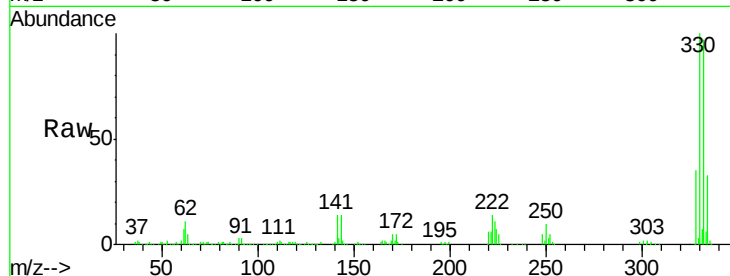
#41
 2,4,6-Tribromophenol
 Concen: 65.81 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.04 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	399124		
332	96.9	76.6	114.8	
141	32.5	41.2	61.8#	

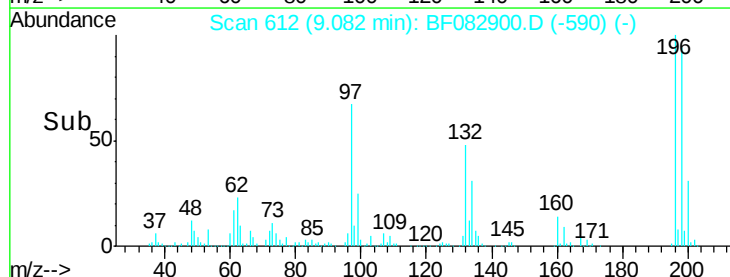
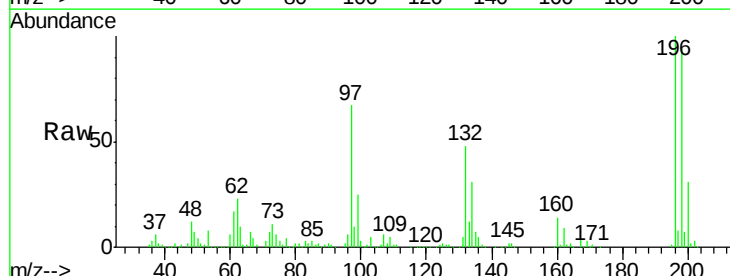
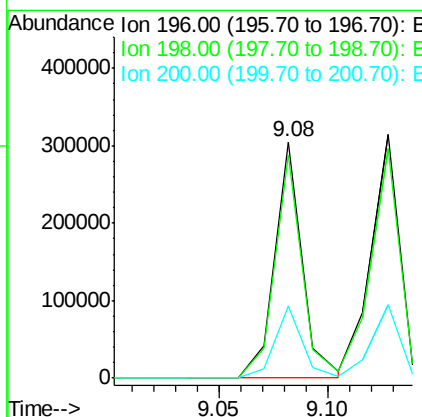
Manual Integrations
 APPROVED

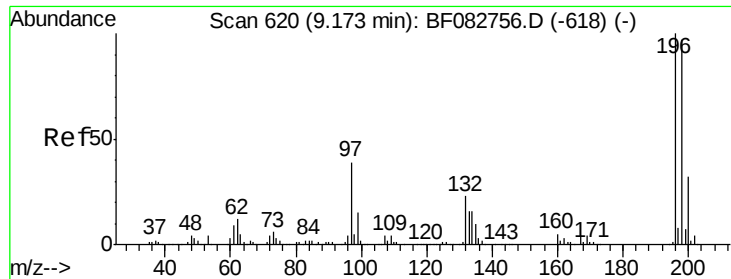
Mmdadoda
 11/16/2015 12:44:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 20.97 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

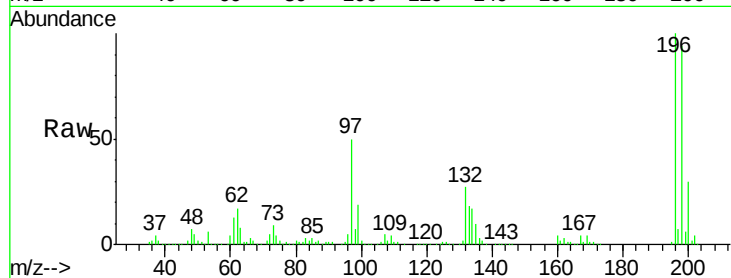
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272019		
198	94.4	76.3	114.5	
200	30.5	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 22.61 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

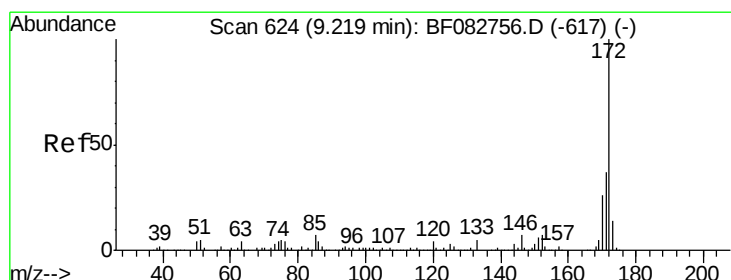
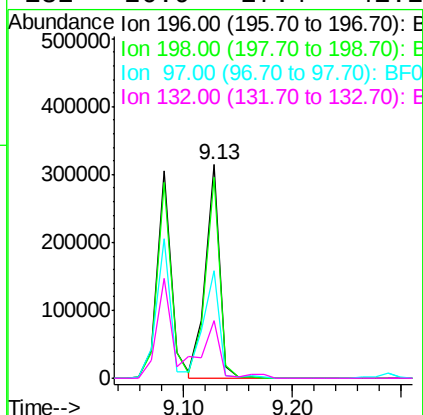
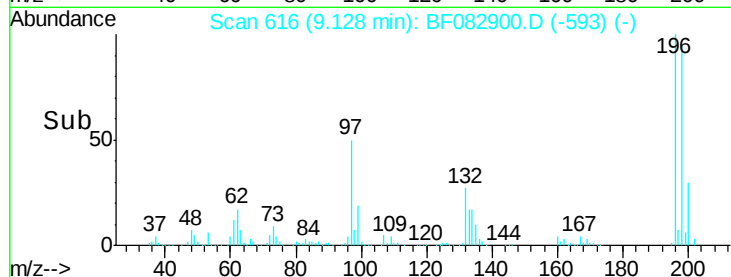
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	290113		
198	94.4	75.8	113.8	
97	50.1	62.3	93.5	
132	26.9	27.4	41.2	

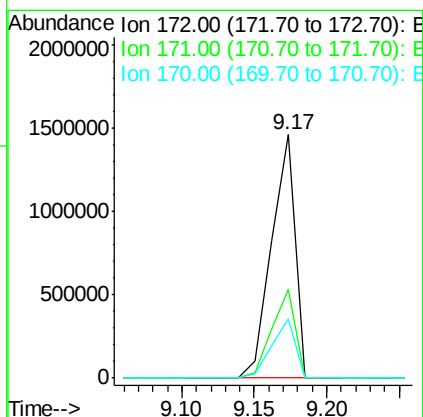
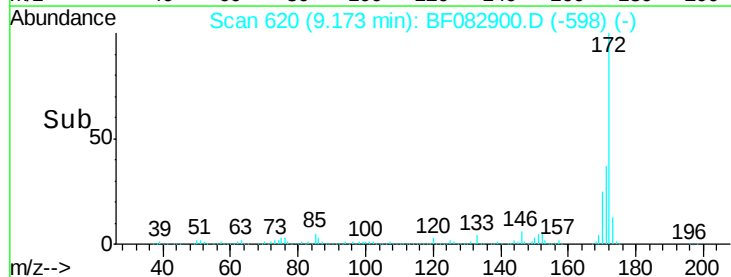
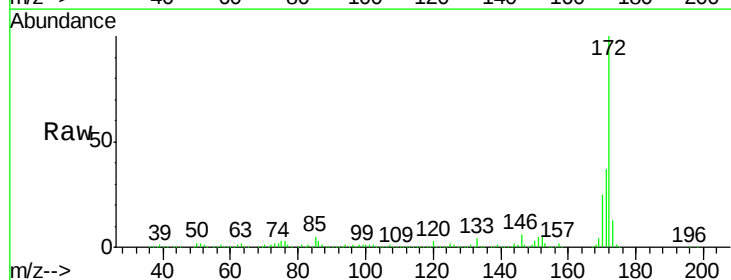
Manual Integrations
 APPROVED

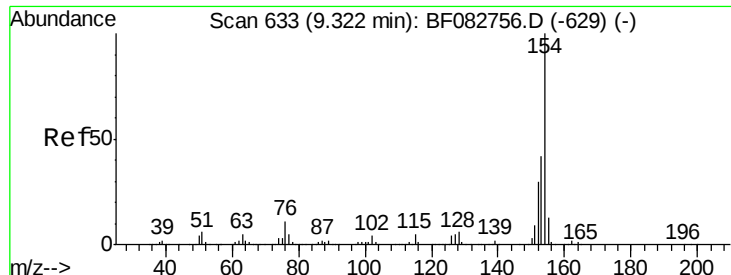
Mmdadoda
 11/16/2015 12:44:00 PM



#44
 2-Fluorobiphenyl
 Concen: 44.41 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1638670		
171	36.5	30.8	46.2	
170	24.5	21.2	31.8	





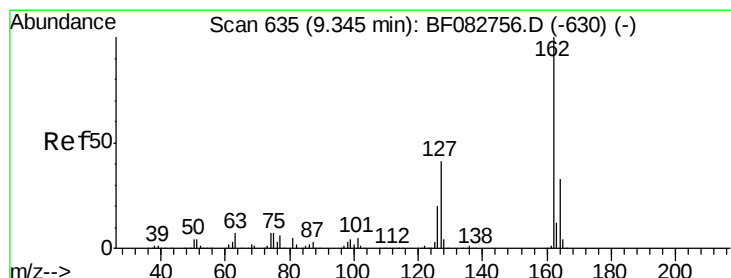
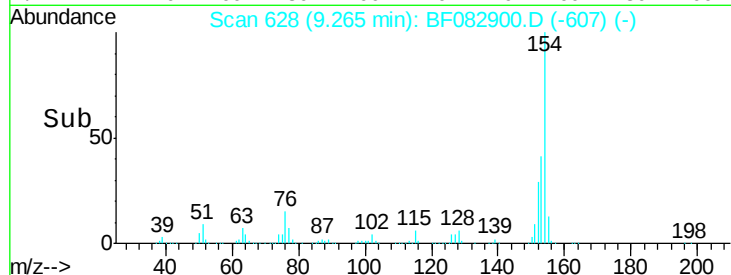
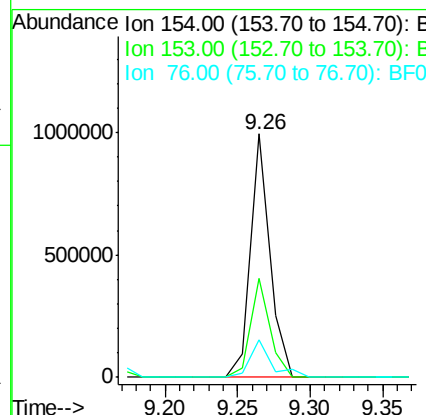
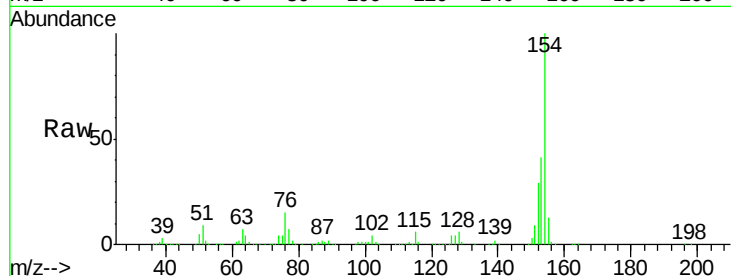
#45
 1,1'-Biphenyl
 Concen: 20.31 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	921935		
153	40.6	22.0	62.0	
76	15.4	0.0	29.0	

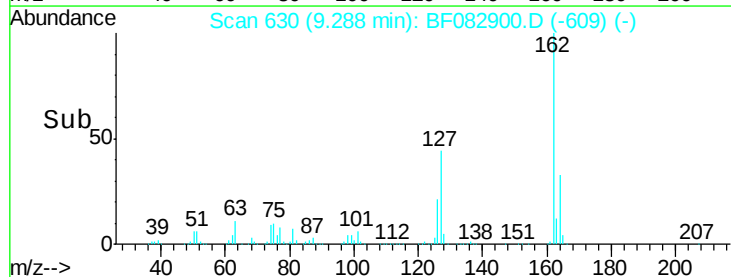
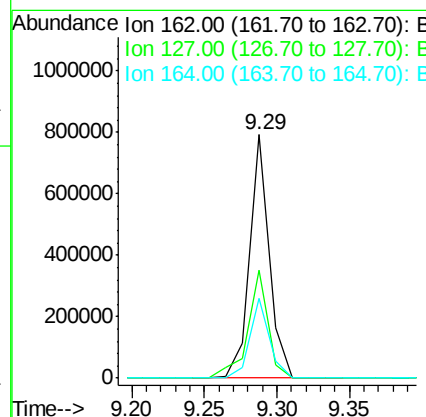
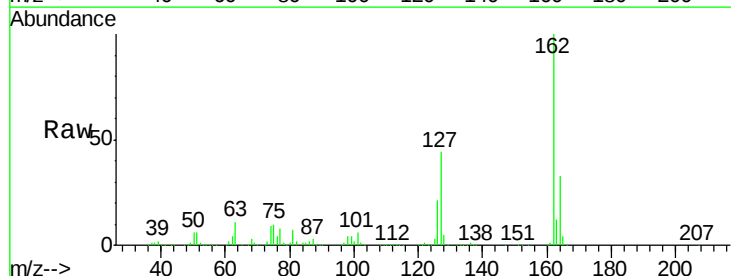
Manual Integrations
 APPROVED

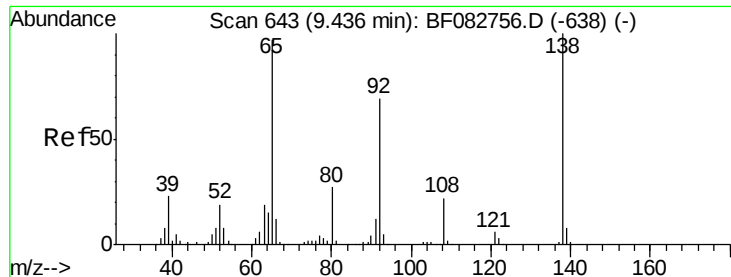
Mmdadoda
 11/16/2015 12:44:00 PM



#46
 2-Chloronaphthalene
 Concen: 20.84 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	737714		
127	44.4	32.7	49.1	
164	33.0	27.4	41.0	





#47

2-Nitroaniline

Concen: 19.38 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

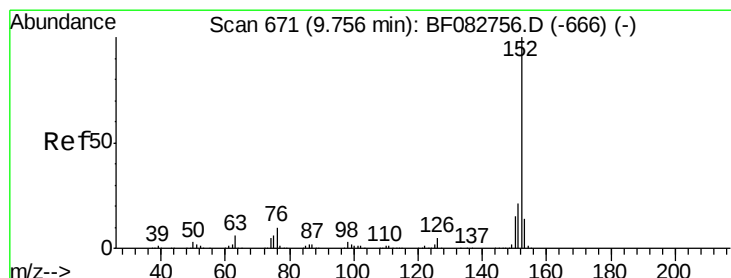
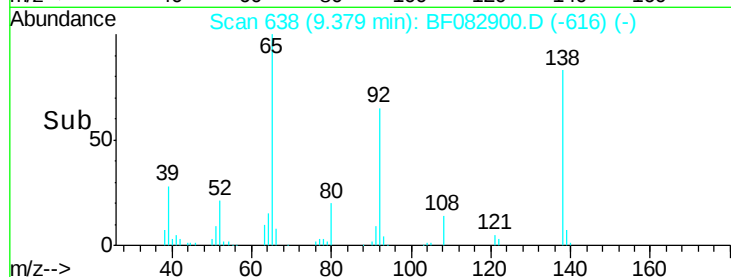
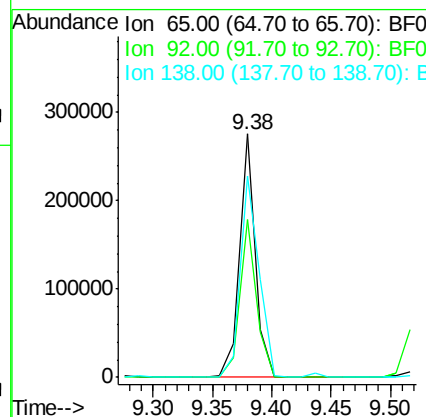
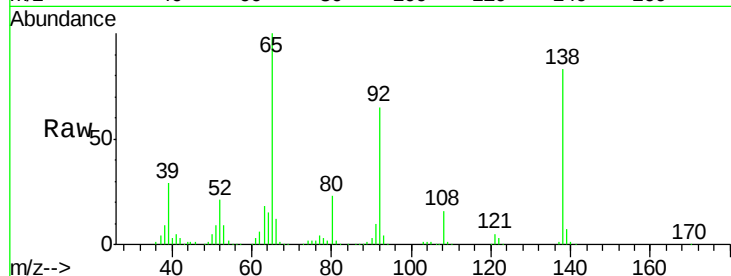
ClientSampleId :

SB-3-4-6FTMSD

Tgt Ion:	65	Resp:	254543
Ion Ratio	Lower	Upper	
65	100		
92	64.7	46.6	70.0
138	82.7	54.6	81.8#

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM



#48

Acenaphthylene

Concen: 21.86 ng

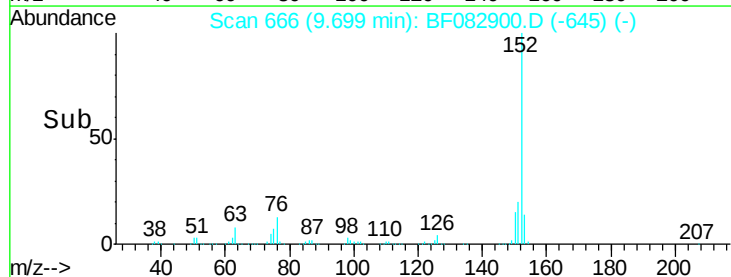
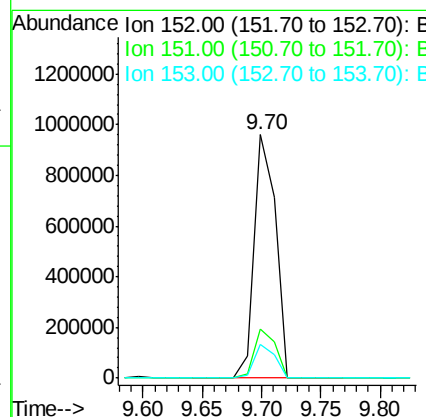
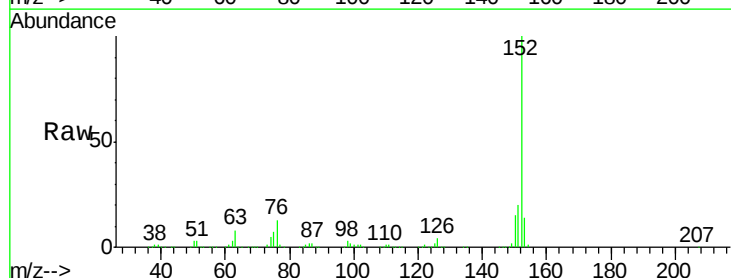
RT: 9.70 min Scan# 666

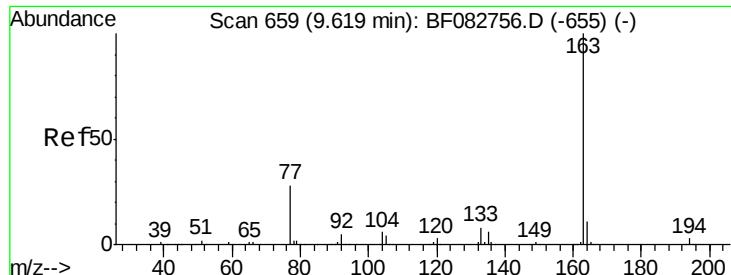
Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Tgt Ion:	152	Resp:	1212872
Ion Ratio	Lower	Upper	
152	100		
151	20.2	17.3	25.9
153	13.7	11.3	16.9





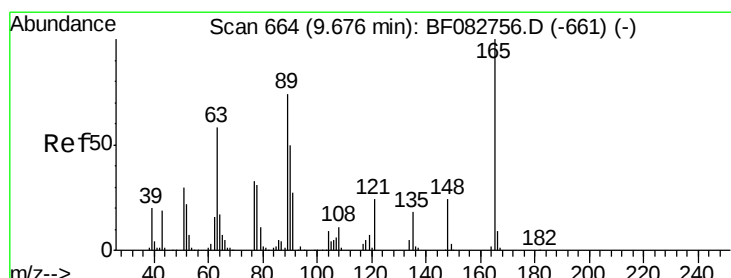
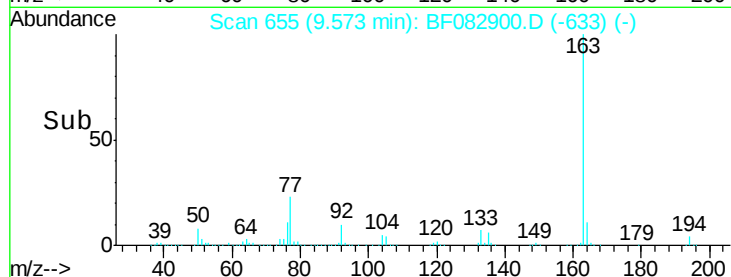
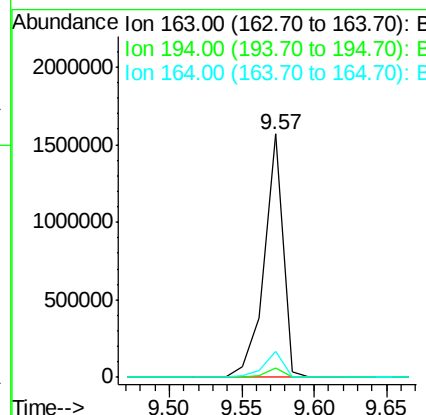
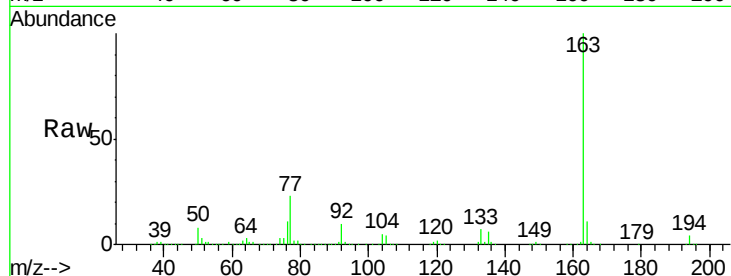
#49
Dimethylphthalate
Concen: 32.55 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion:163 Resp: 1410290
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.7 8.7 13.1

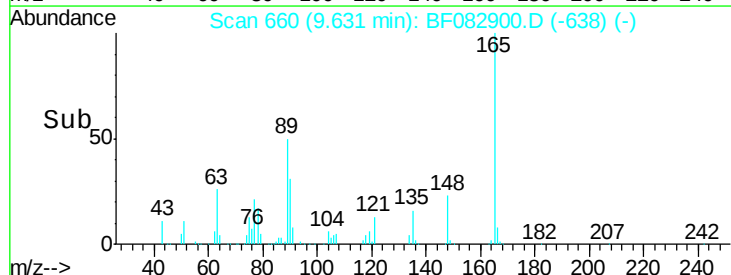
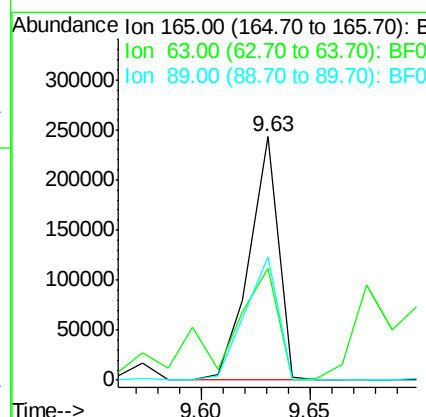
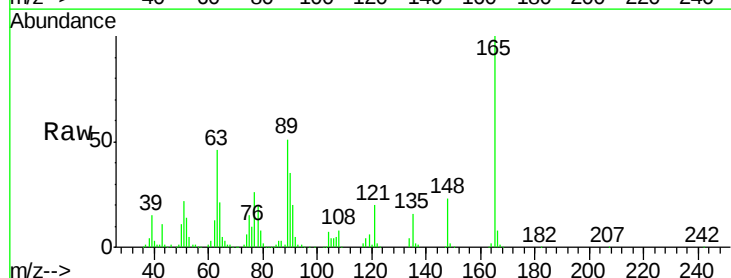
Manual Integrations
APPROVED

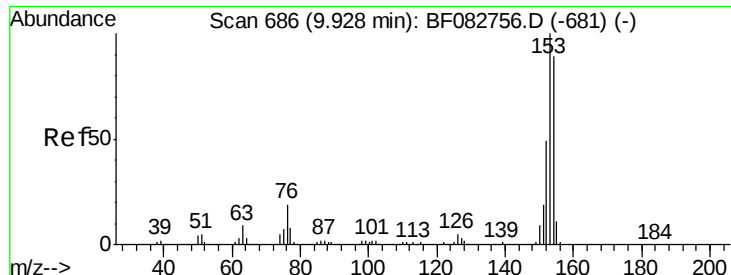
Mmdadoda
11/16/2015 12:44:00 PM



#50
2,6-Dinitrotoluene
Concen: 24.52 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion:165 Resp: 226737
Ion Ratio Lower Upper
165 100
63 46.1 55.5 83.3#
89 50.9 55.0 82.6#





#51

Acenaphthene

Concen: 22.72 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

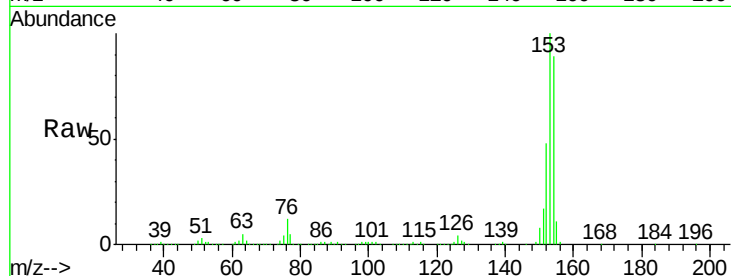
ClientSampleId :

SB-3-4-6FTMSD

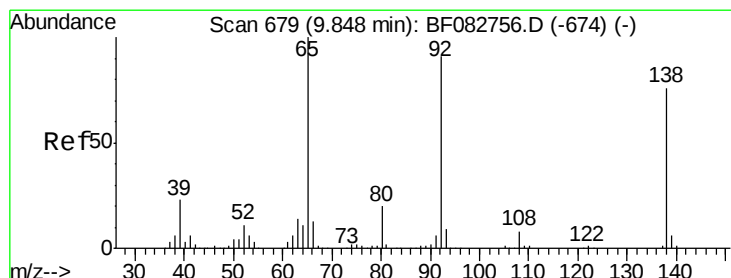
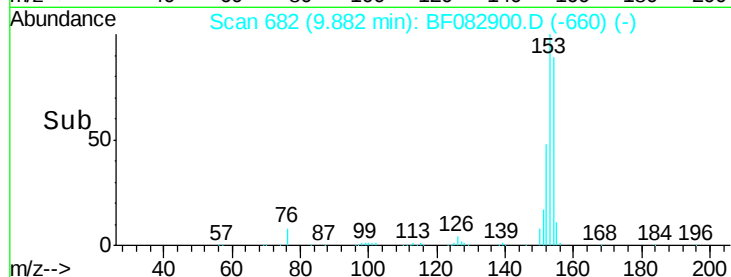
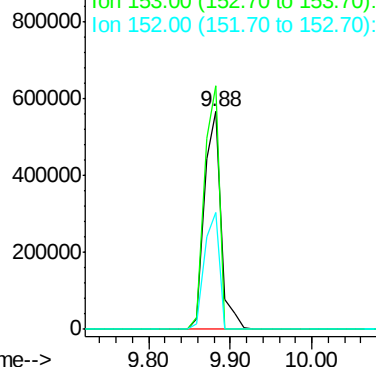
Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM

Tgt Ion:	154	Resp:	799065
Ion Ratio	Lower	Upper	
154	100		
153	111.9	90.1	135.1
152	53.9	44.3	66.5



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



#52

3-Nitroaniline

Concen: 15.08 ng

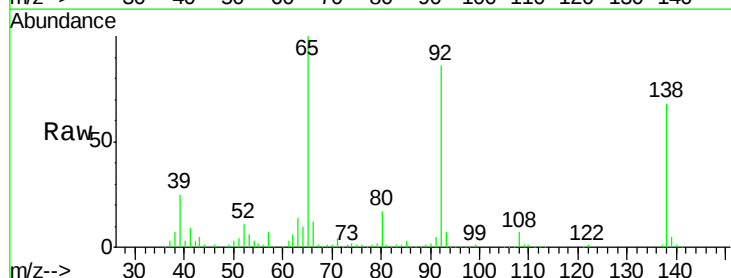
RT: 9.79 min Scan# 674

Delta R.T. -0.05 min

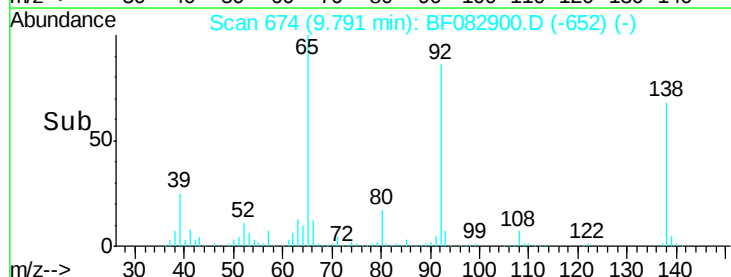
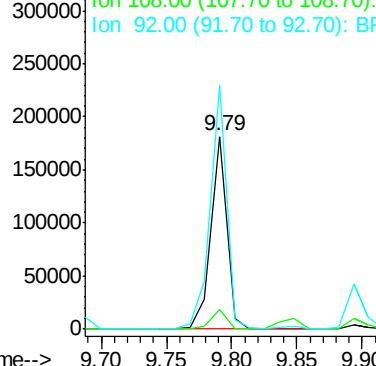
Lab File: BF082900.D

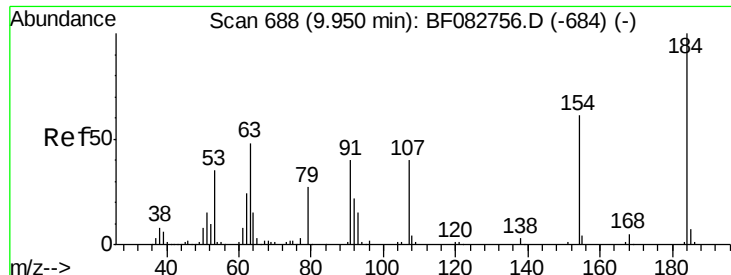
Acq: 13 Nov 2015 16:34

Tgt Ion:	138	Resp:	153314
Ion Ratio	Lower	Upper	
138	100		
108	10.3	11.3	16.9#
92	126.5	122.4	183.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





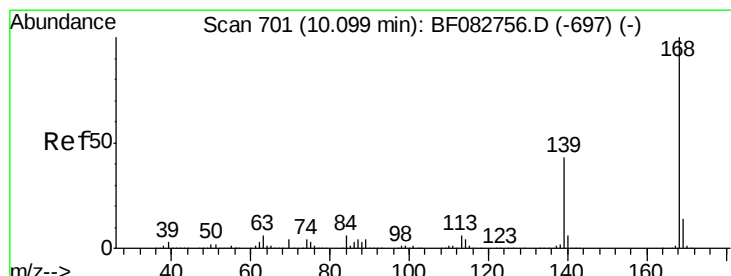
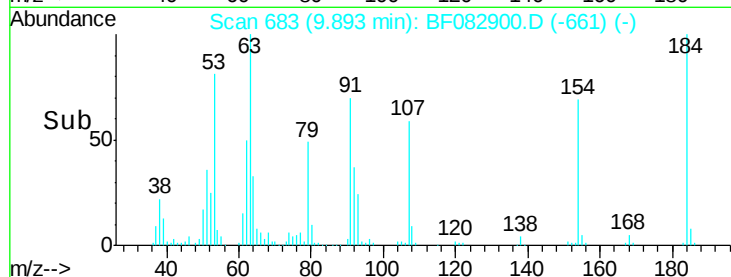
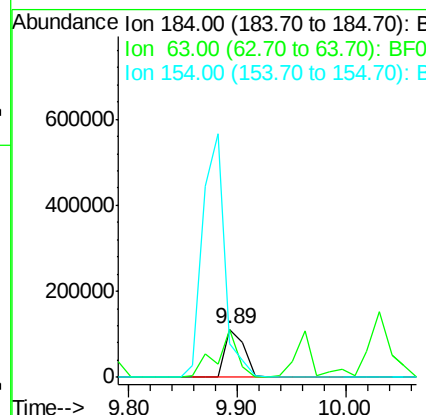
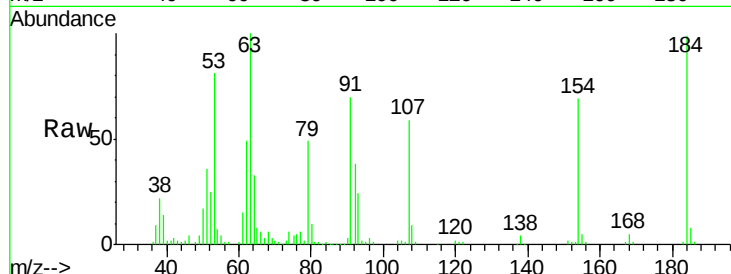
#53
2,4-Dinitrophenol
Concen: 27.92 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.04 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	141733		
63	100.8	98.6	148.0	
154	69.3	183.9	275.9#	

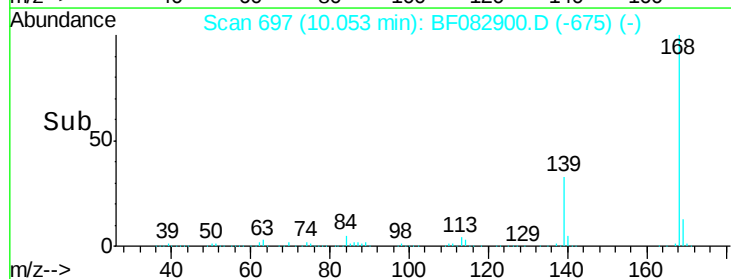
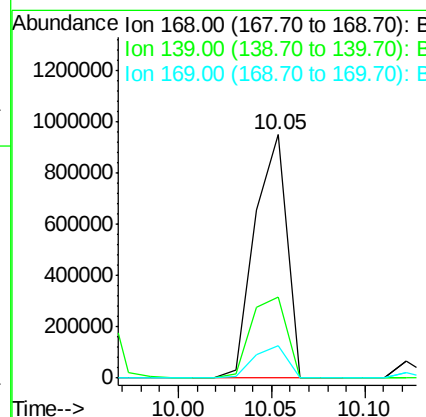
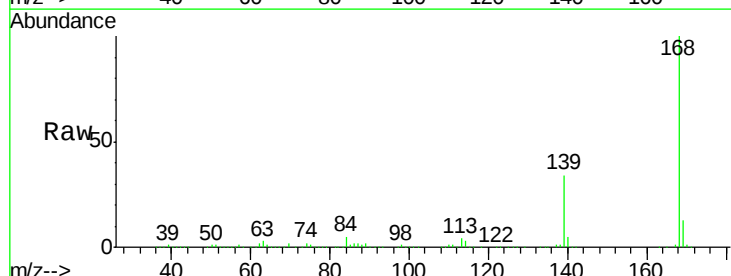
Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM



#54
Dibenzofuran
Concen: 23.79 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1127724		
139	33.5	37.8	56.6#	
169	13.2	11.3	16.9	





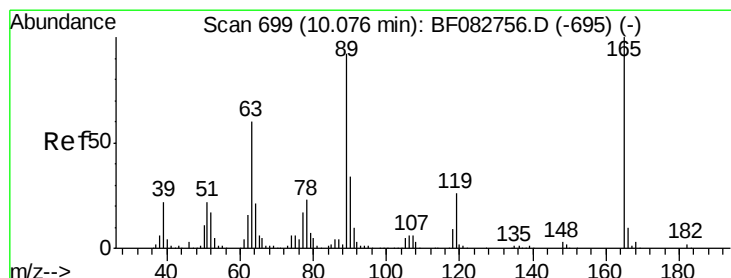
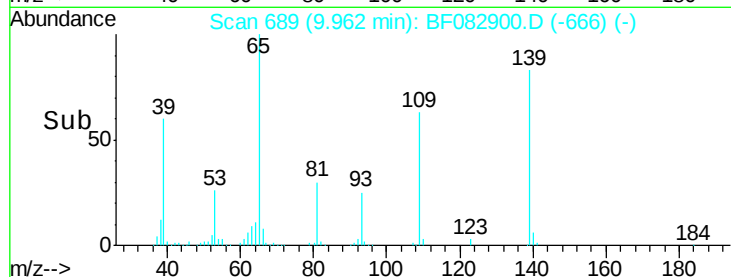
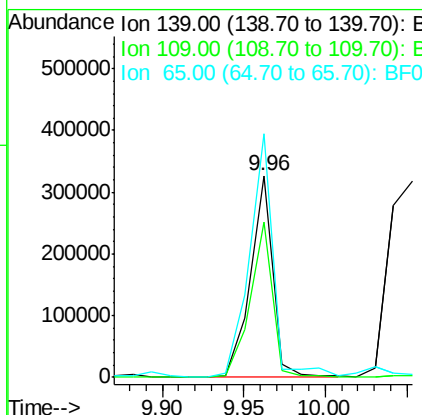
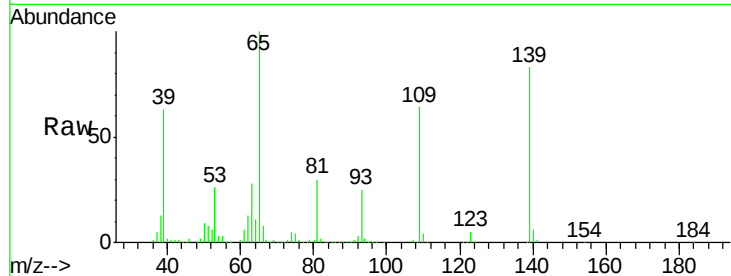
#55
4-Nitrophenol
Concen: 40.38 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	314988		
109	76.8	73.7	113.7	
65	120.6	82.9	122.9	

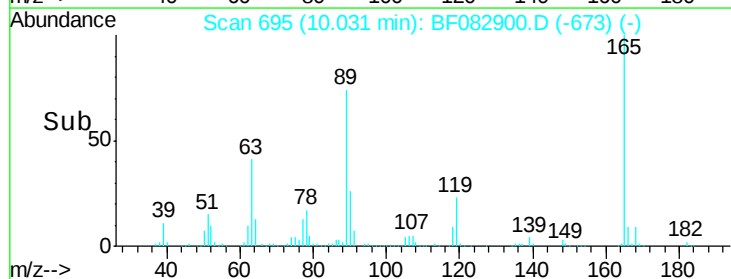
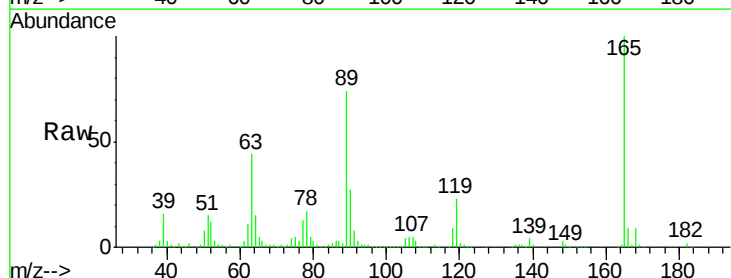
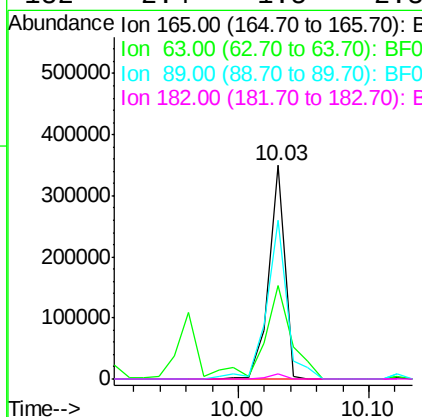
Manual Integrations
APPROVED

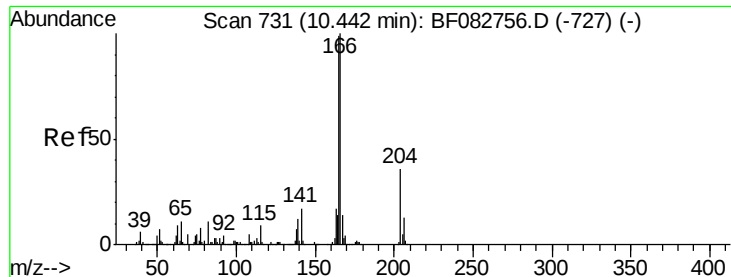
Mmdadoda
11/16/2015 12:44:00 PM



#56
2,4-Dinitrotoluene
Concen: 24.14 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	302786		
63	43.5	43.4	65.0	
89	74.2	70.6	106.0	
182	2.4	1.5	2.3#	





#57

Fluorene

Concen: 21.13 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.06 min

Lab File: BF082900.D

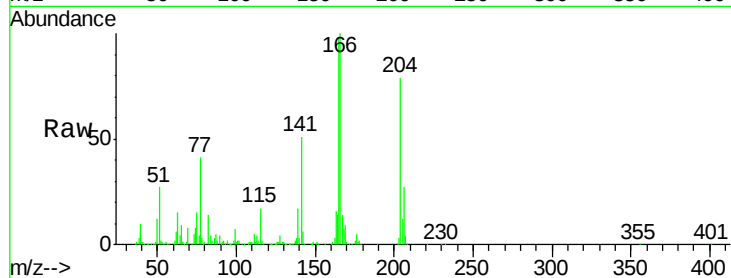
Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD



Tgt Ion:166 Resp: 811409

Ion Ratio Lower Upper

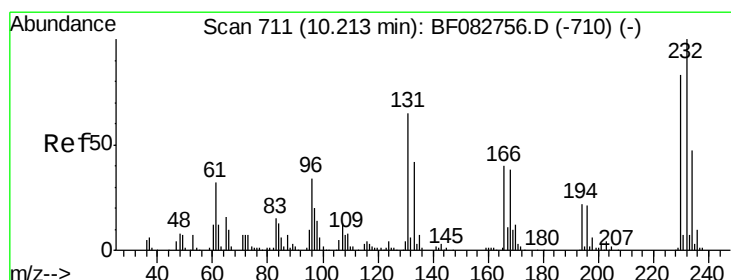
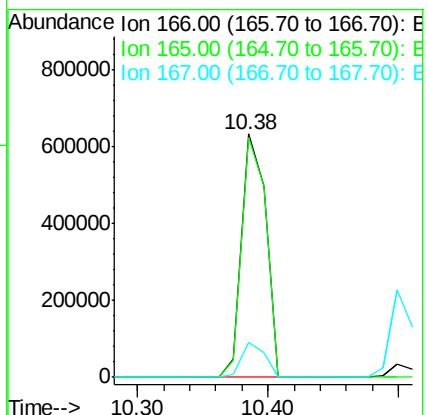
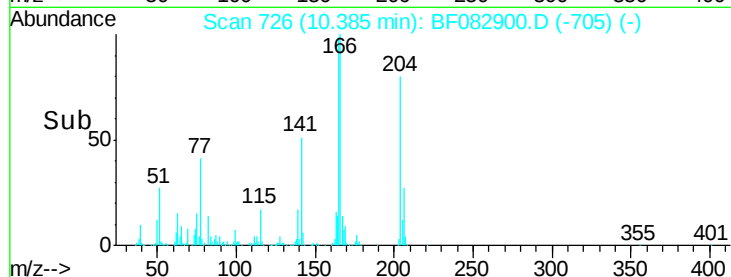
166 100

165 98.4 80.2 120.4

167 14.5 11.2 16.8

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.66 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Tgt Ion:232 Resp: 237281

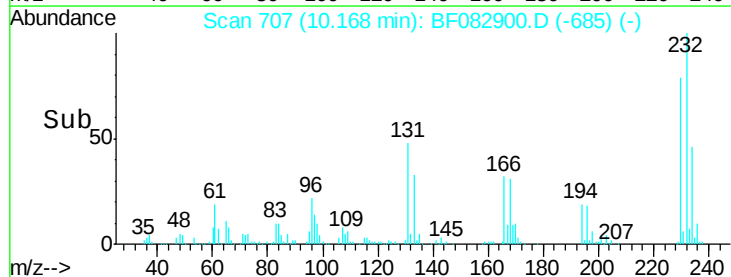
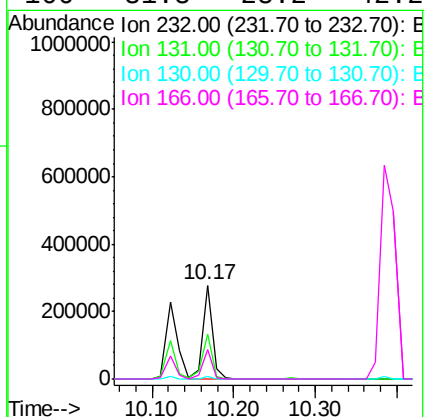
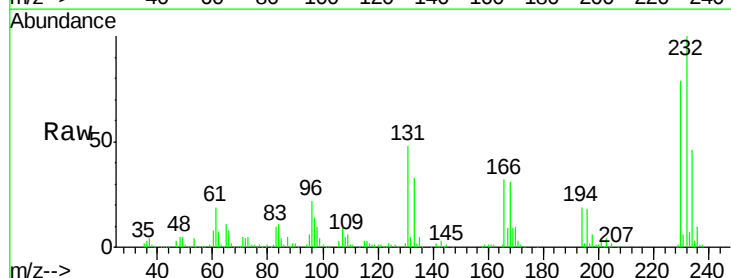
Ion Ratio Lower Upper

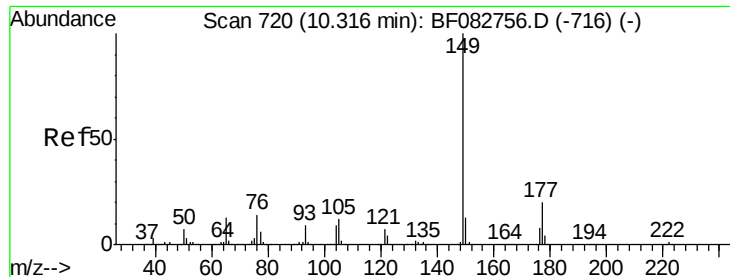
232 100

131 47.2 46.2 69.2

130 2.3 2.4 3.6#

166 31.8 28.2 42.2





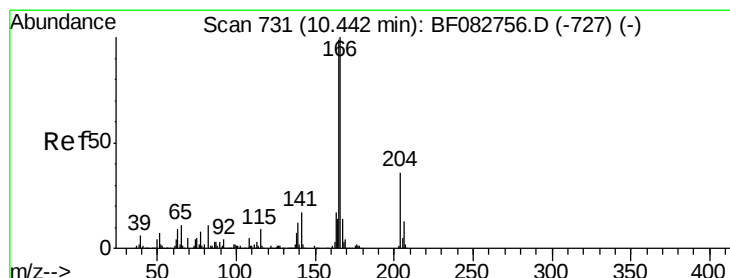
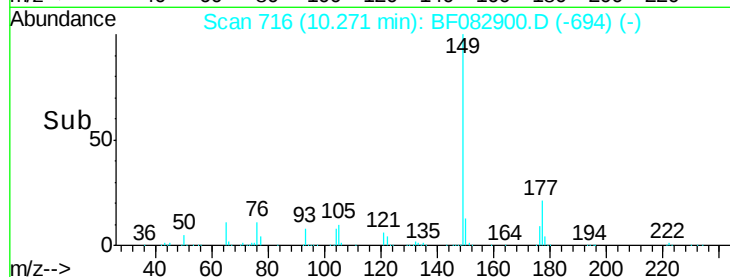
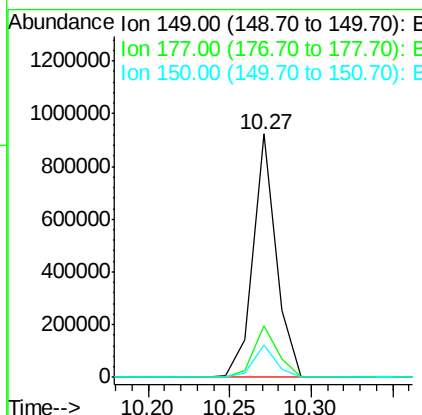
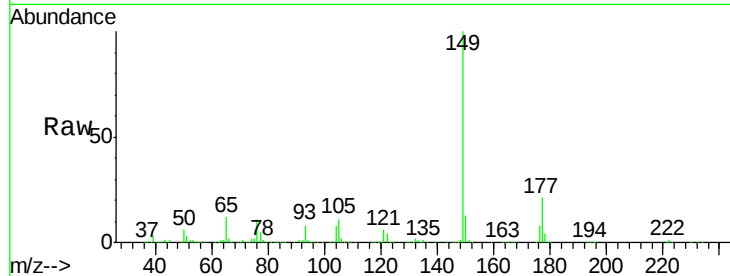
#59
Diethylphthalate
Concen: 21.53 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	910952		
177	21.2	17.9	26.9	
150	13.1	10.1	15.1	

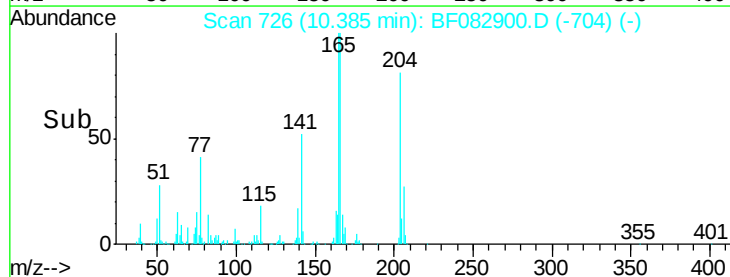
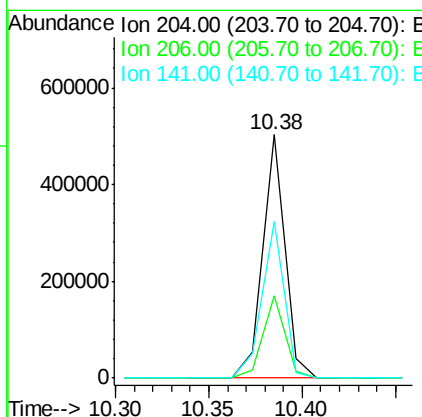
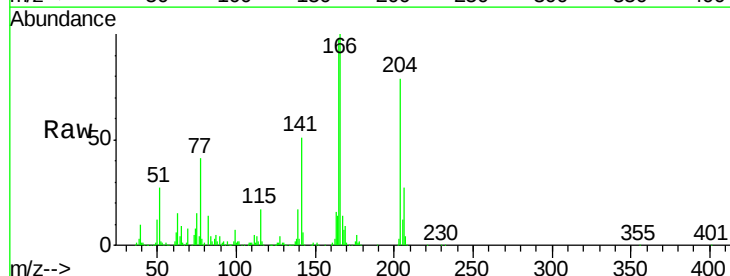
Manual Integrations
APPROVED

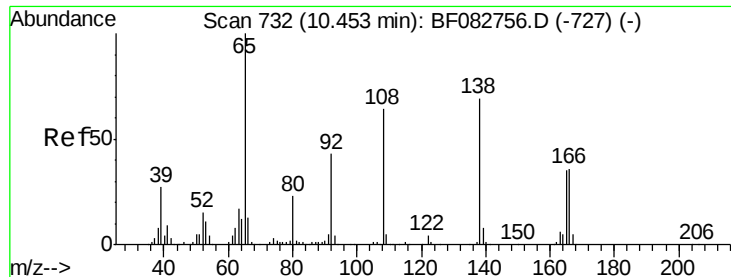
Mmdadoda
11/16/2015 12:44:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 21.37 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	410593		
206	33.9	28.5	42.7	
141	64.1	44.6	66.8	





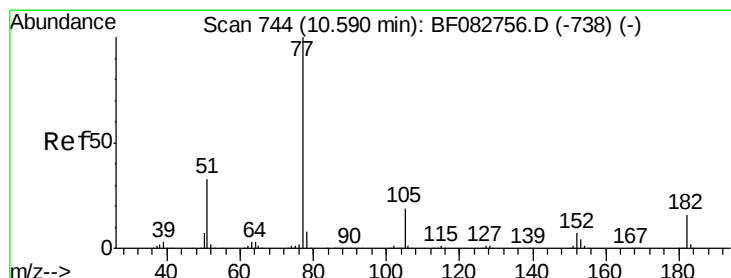
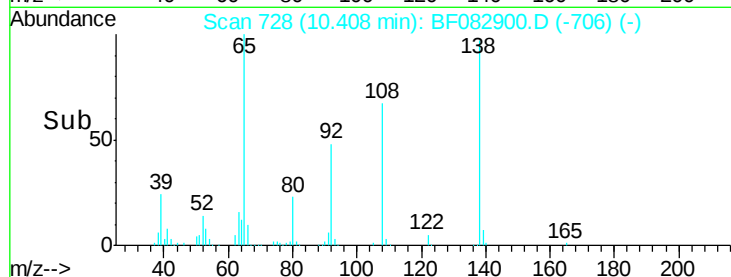
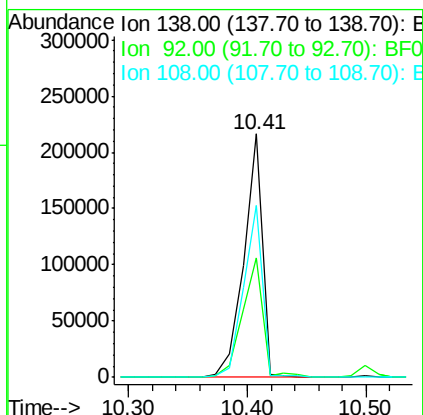
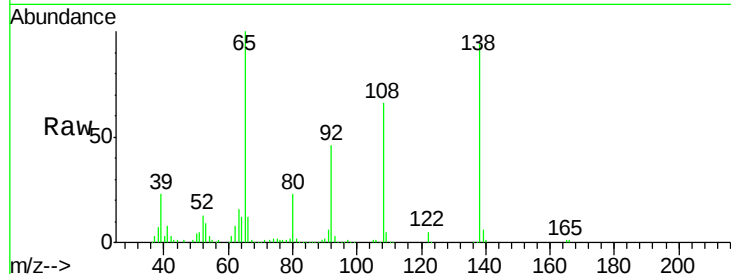
#61
4-Nitroaniline
Concen: 23.10 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	236181		
92	49.3	45.8	85.8	
108	70.5	89.4	129.4	

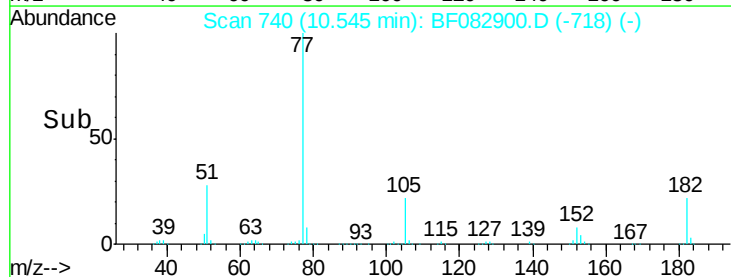
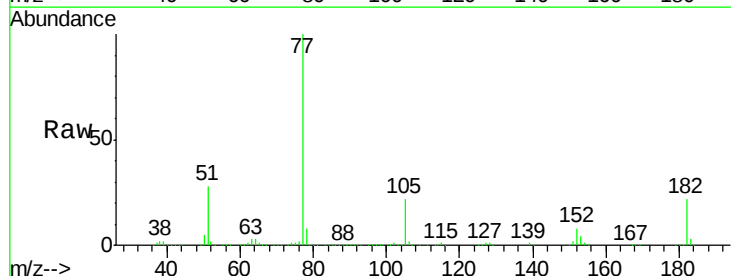
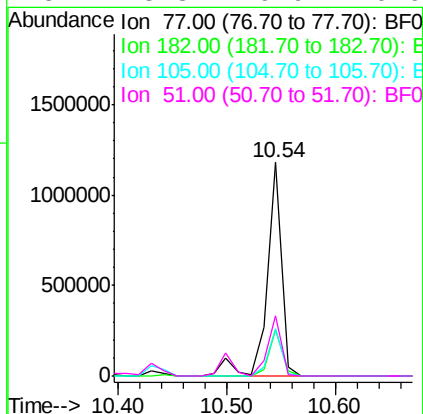
Manual Integrations
APPROVED

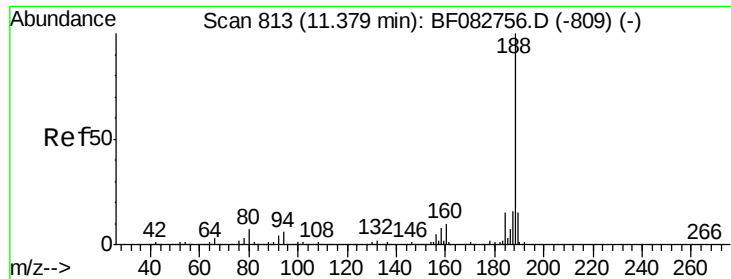
Mmdadoda
11/16/2015 12:44:00 PM



#62
Azobenzene
Concen: 24.74 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1124500		
182	21.6	9.3	49.3	
105	22.3	2.6	42.6	
51	28.3	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

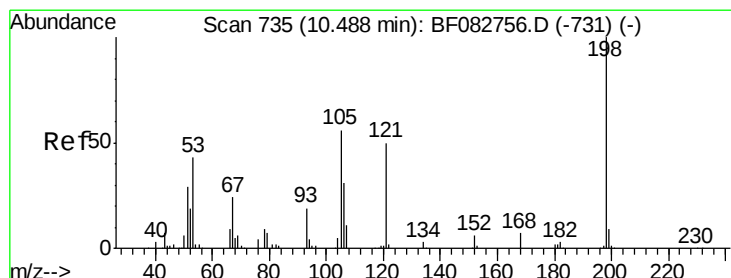
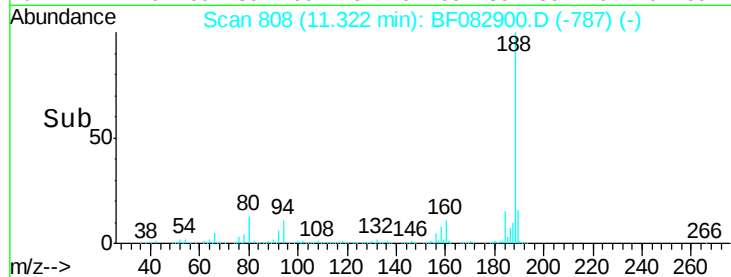
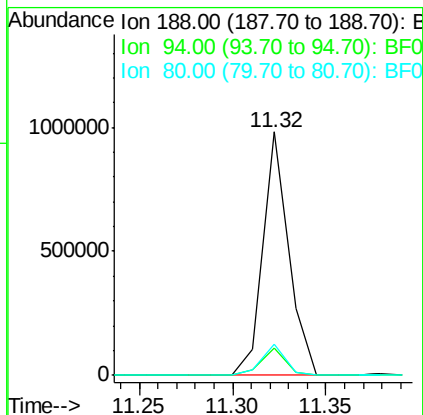
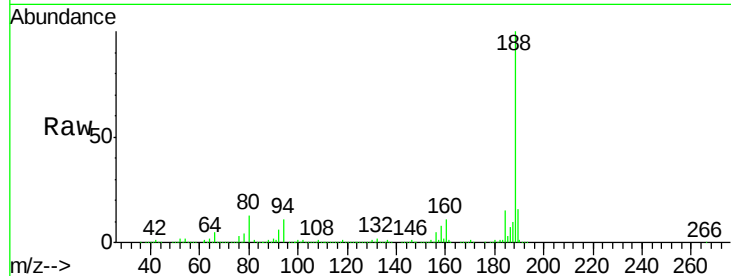
ClientSampleId :

SB-3-4-6FTMSD

Tgt	Ion:188	Resp:	935831
Ion	Ratio	Lower	Upper
188	100		
94	11.2	6.1	9.1#
80	12.8	7.0	10.6#

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 22.55 ng

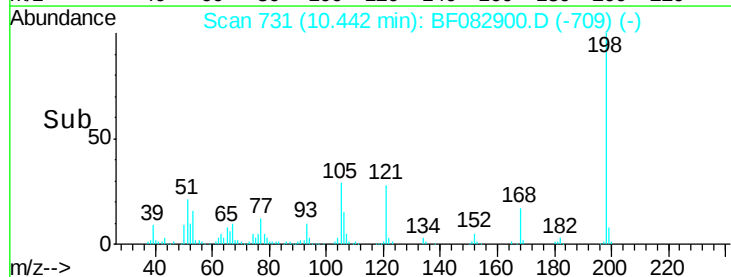
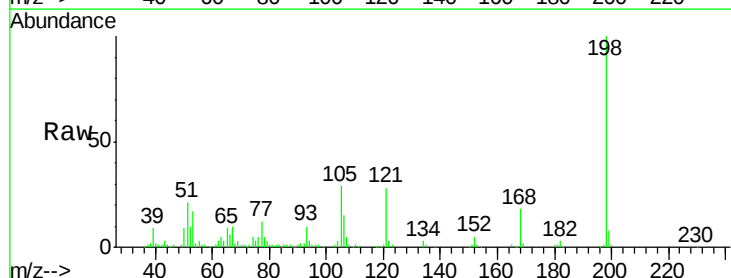
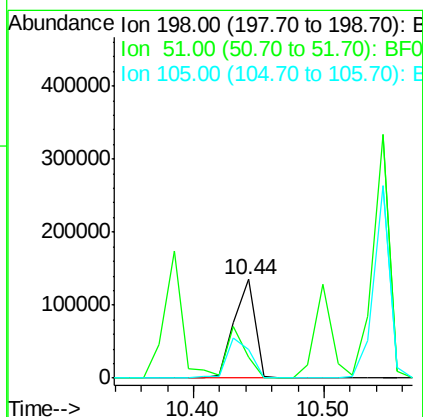
RT: 10.44 min Scan# 731

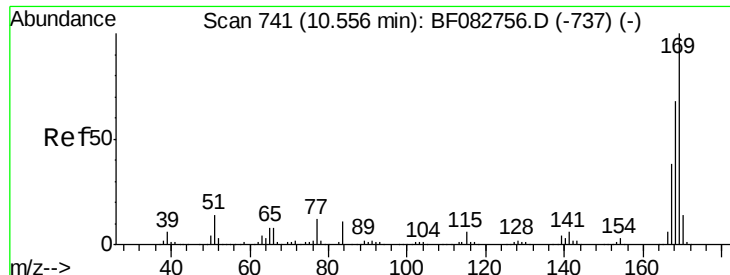
Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Tgt	Ion:198	Resp:	150362
Ion	Ratio	Lower	Upper
198	100		
51	21.2	17.3	57.3
105	28.6	21.7	61.7





#65

n-Nitrosodiphenylamine

Concen: 21.31 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.06 min

Lab File: BF082900.D

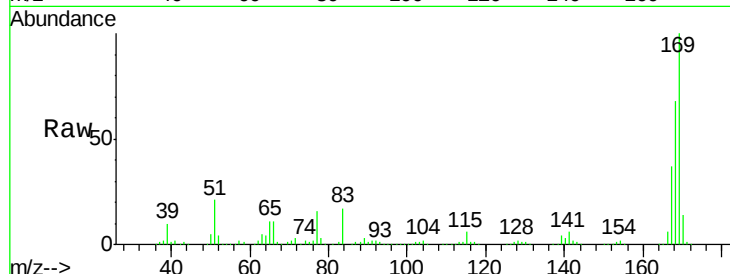
Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD



Tgt Ion:169 Resp: 720532

Ion Ratio Lower Upper

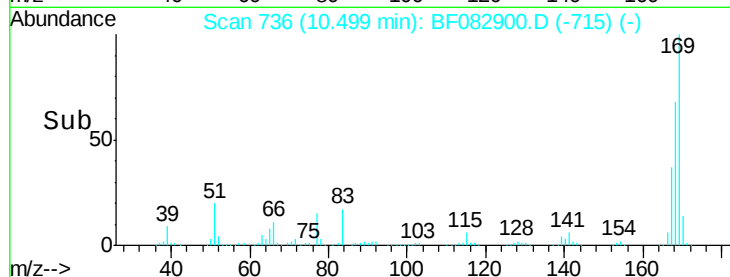
169 100

168 68.0 55.0 82.6

167 37.1 30.5 45.7

Manual Integrations
APPROVED

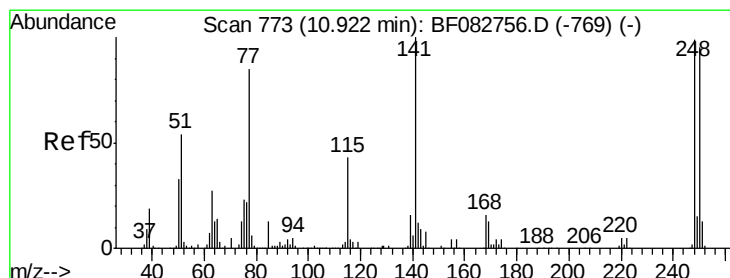
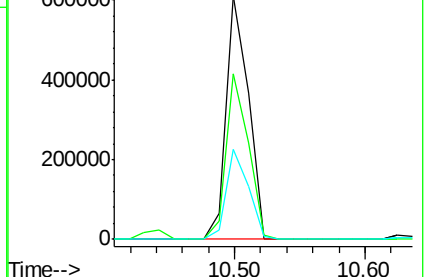
Mmdadoda
11/16/2015 12:44:00 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 23.86 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

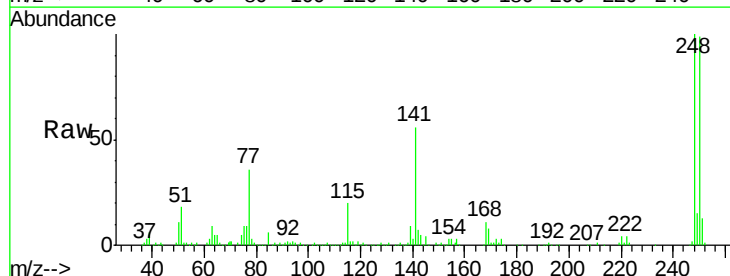
Tgt Ion:248 Resp: 268922

Ion Ratio Lower Upper

248 100

250 98.8 79.4 119.2

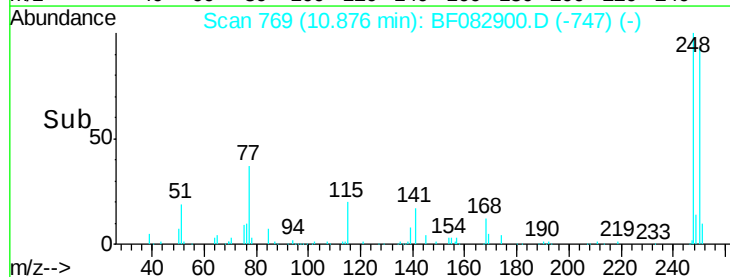
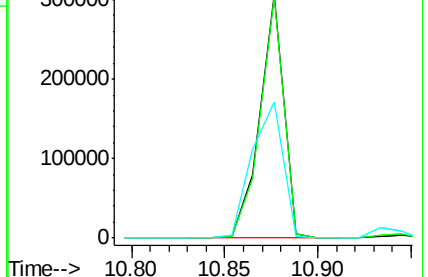
141 55.9 36.3 54.5#

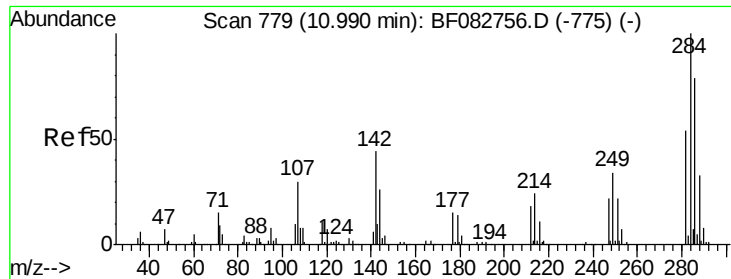


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





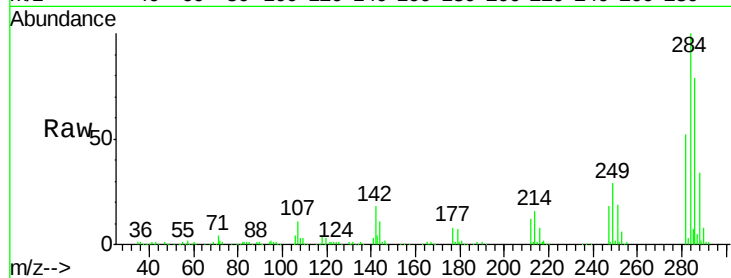
#67
Hexachlorobenzene
Concen: 22.99 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

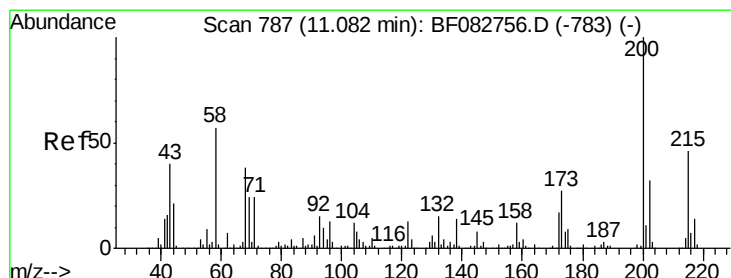
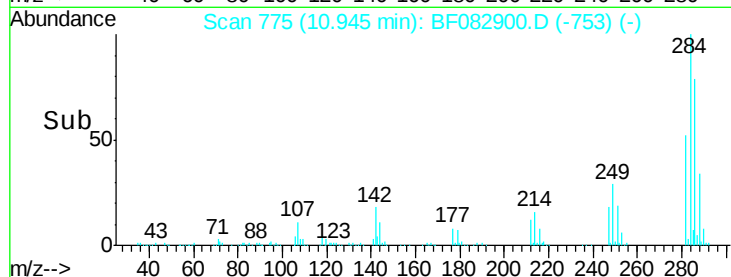
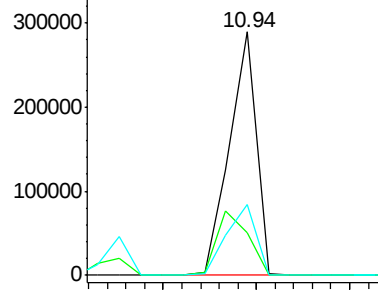
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	17.6	47.9	71.9#
249	29.0	29.7	44.5#

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM

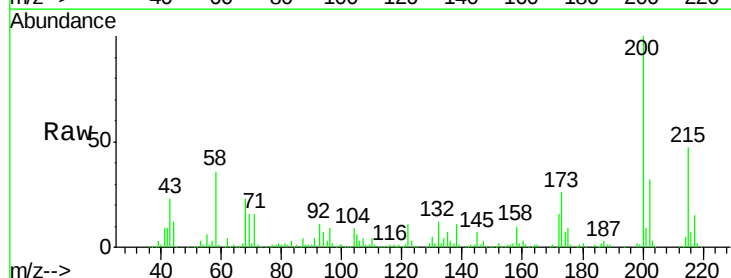


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

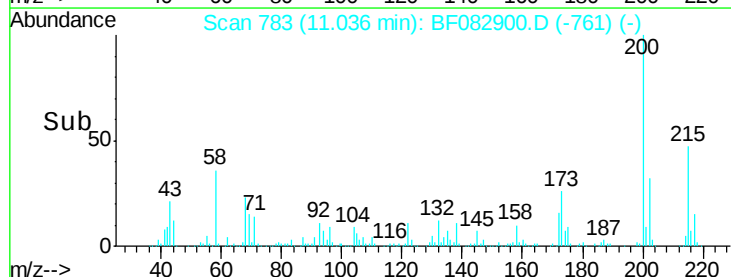
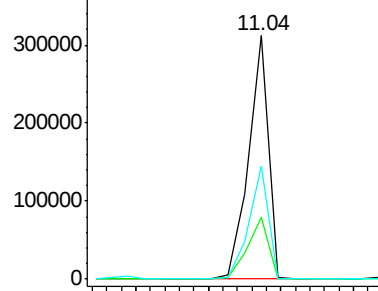


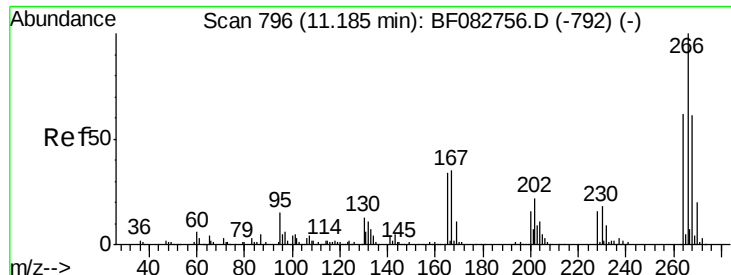
#68
Atrazine
Concen: 28.21 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.5	6.9	46.9
215	46.7	22.9	62.9



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





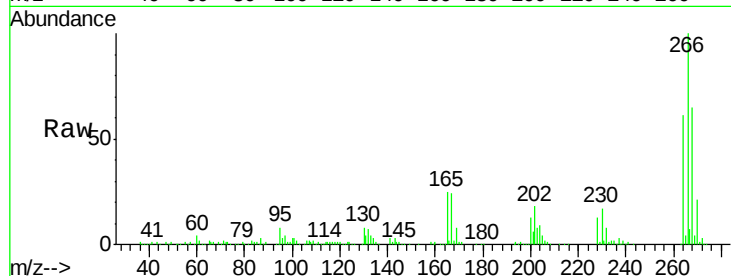
#69
 Pentachlorophenol
 Concen: 41.65 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

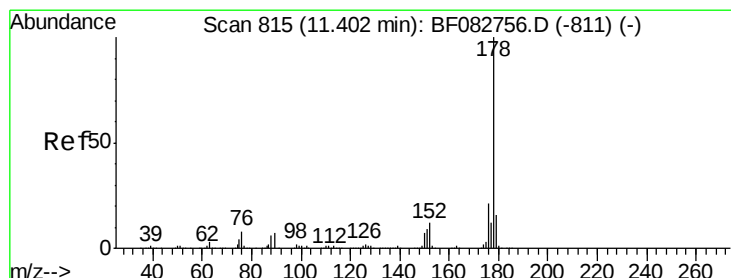
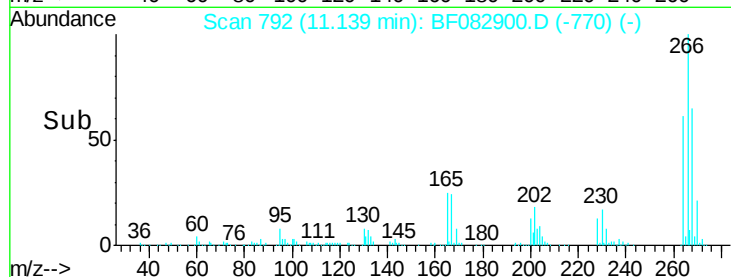
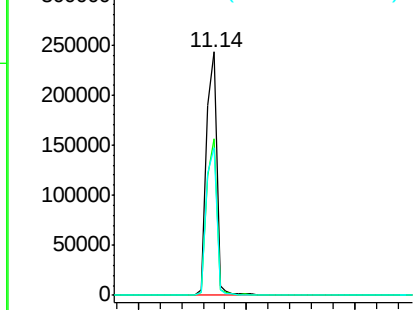
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	318236		
268	64.6	51.0	76.6	
264	60.6	50.6	75.8	

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:00 PM

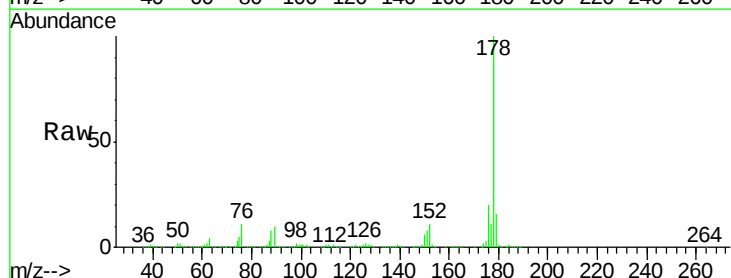


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

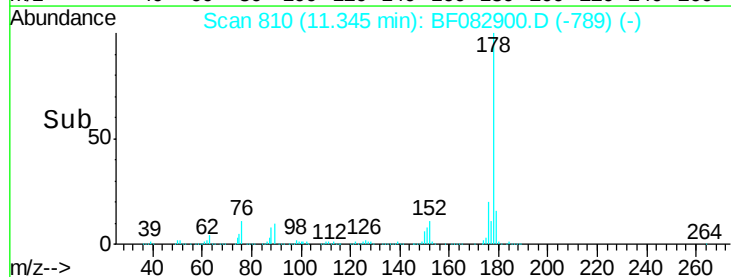
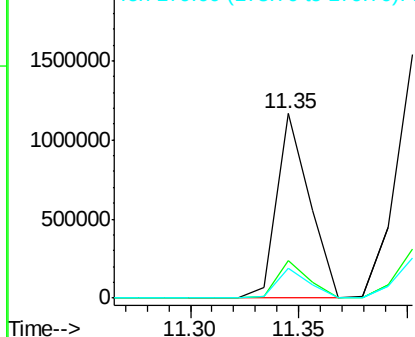


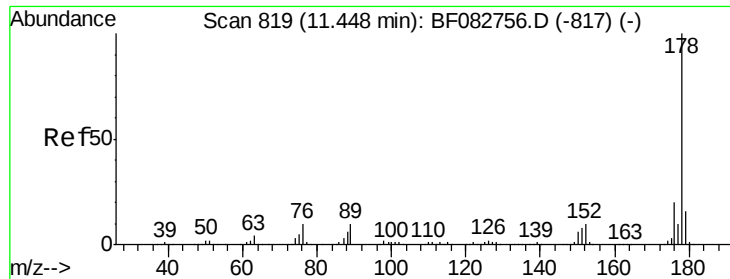
#70
 Phenanthrene
 Concen: 22.58 ng
 RT: 11.35 min Scan# 810
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1227243		
176	20.1	17.0	25.4	
179	16.3	13.4	20.0	



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





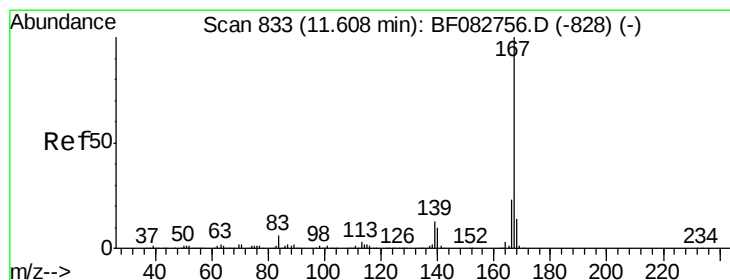
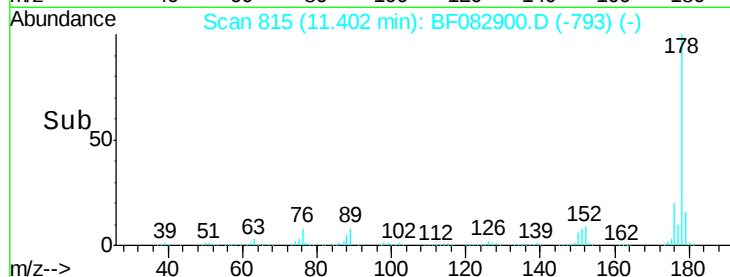
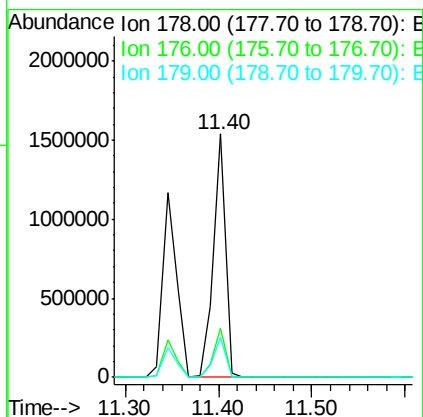
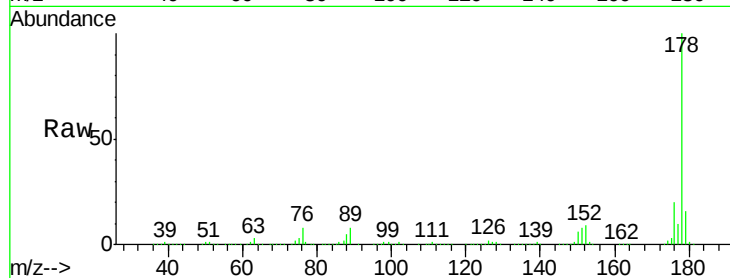
#71
 Anthracene
 Concen: 24.39 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD

Tgt Ion:178 Resp: 1396341
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.5 24.7
 179 16.5 13.2 19.8

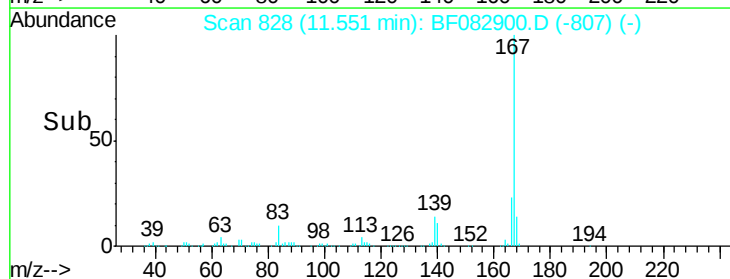
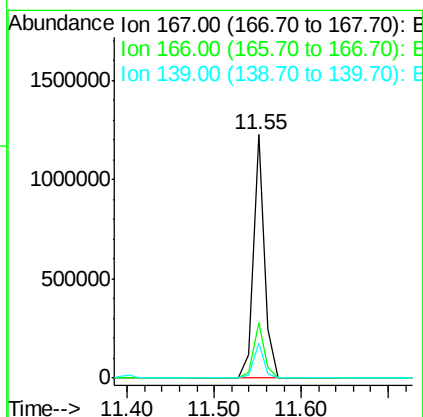
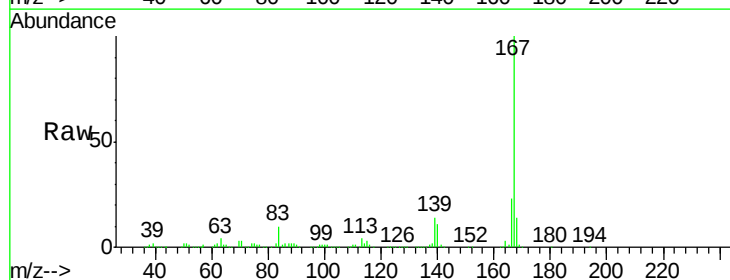
Manual Integrations
 APPROVED

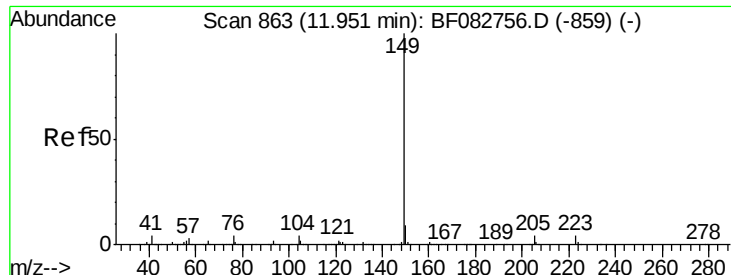
Mmdadoda
 11/16/2015 12:44:00 PM



#72
 Carbazole
 Concen: 22.01 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.06 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion:167 Resp: 1102799
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.7 28.1
 139 14.5 11.8 17.6





#73

Di-n-butylphthalate

Concen: 22.65 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

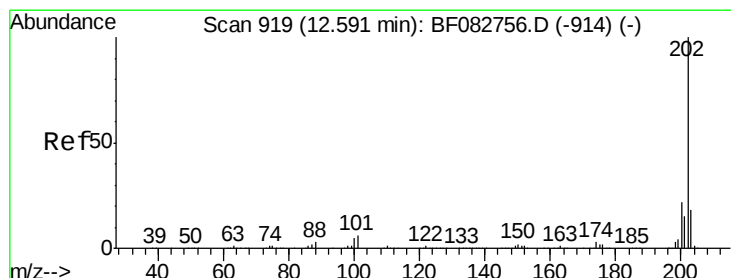
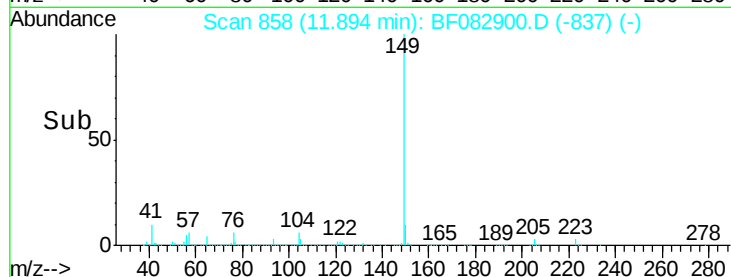
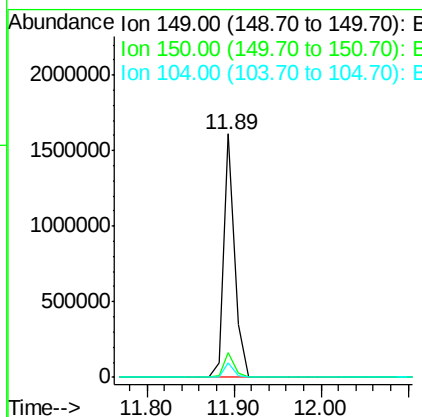
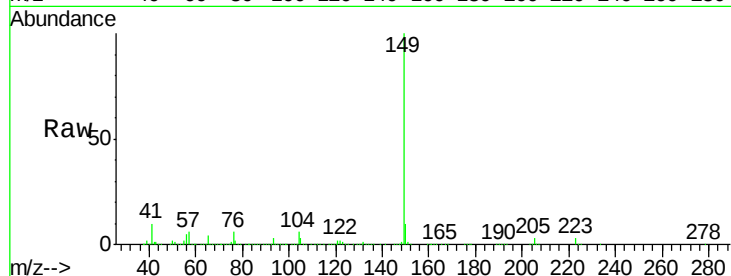
ClientSampleId :

SB-3-4-6FTMSD

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	5.8	5.2	7.8



#74

Fluoranthene

Concen: 23.42 ng

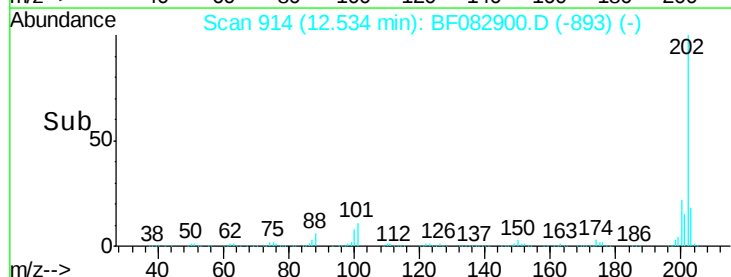
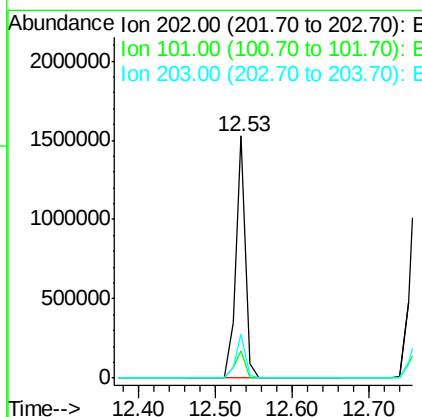
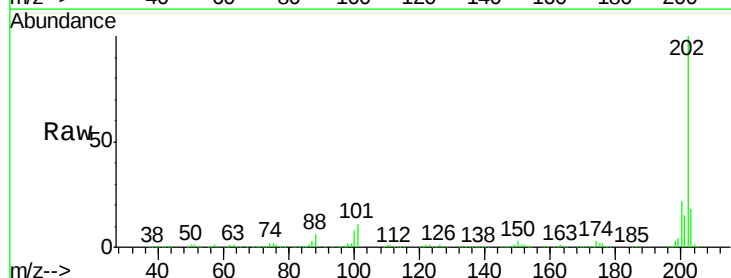
RT: 12.53 min Scan# 914

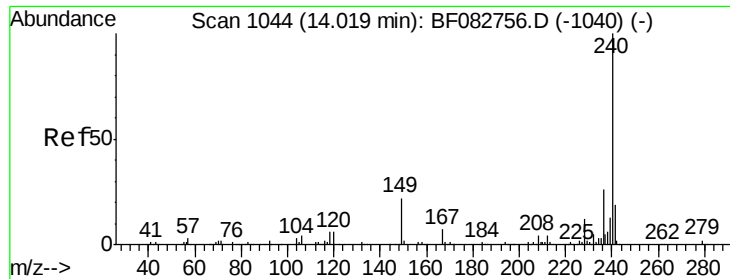
Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.5
203	18.3	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

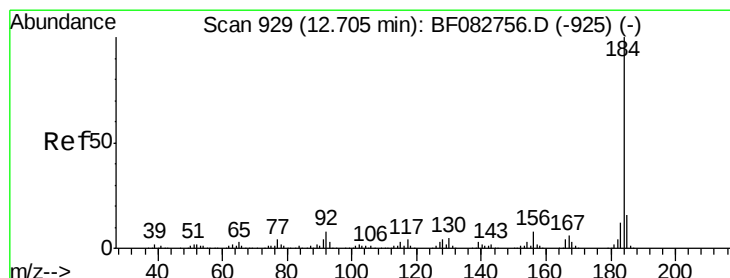
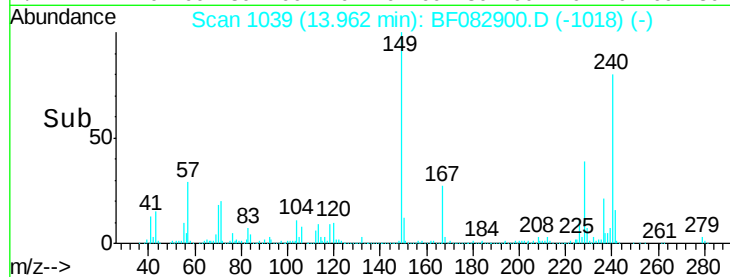
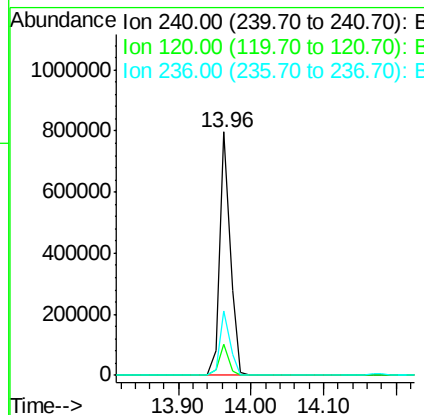
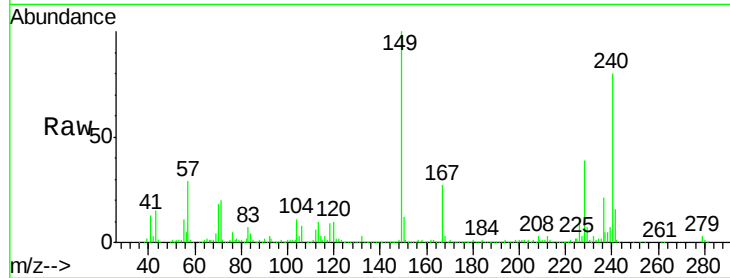
ClientSampleId :

SB-3-4-6FTMSD

Tgt Ion:	240	Resp:	805621
Ion Ratio	Lower	Upper	
240	100		
120	12.9	10.9	16.3
236	26.5	21.6	32.4

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM



#76

Benzidine

Concen: 19.99 ng

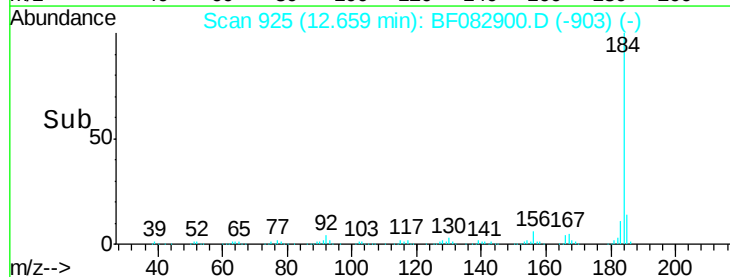
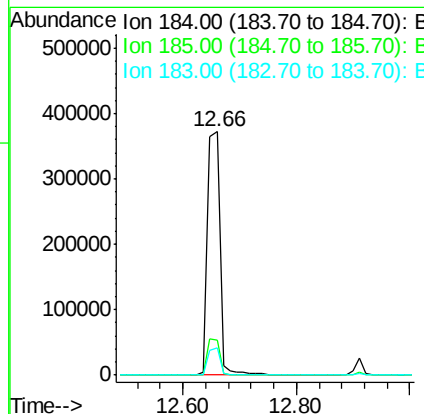
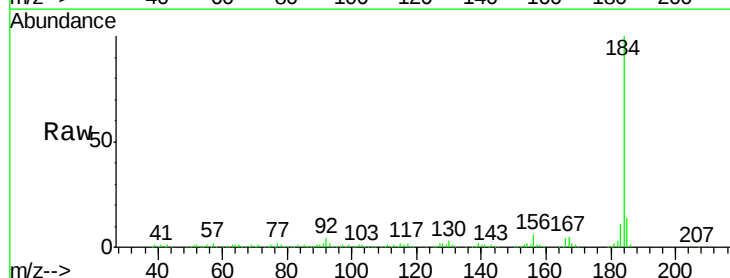
RT: 12.66 min Scan# 925

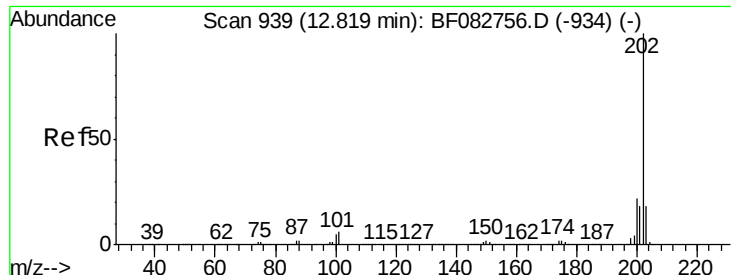
Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Tgt Ion:	184	Resp:	539664
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.0	18.0
183	11.0	9.6	14.4





#77

Pyrene

Concen: 26.04 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

Tgt Ion:202 Resp: 1440859

Ion Ratio Lower Upper

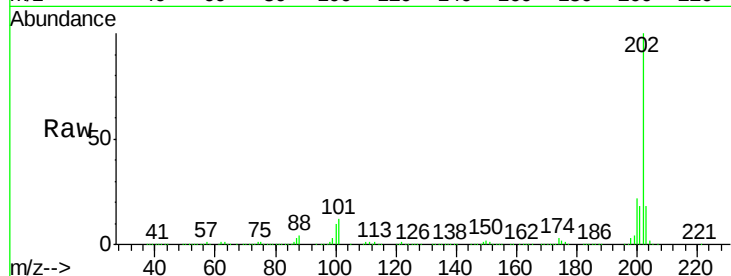
202 100

200 21.9 18.7 28.1

203 18.1 14.8 22.2

Manual Integrations
APPROVED

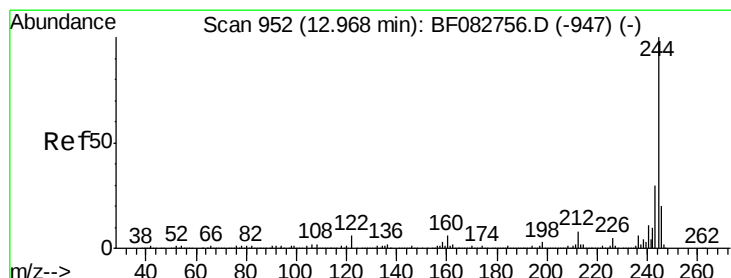
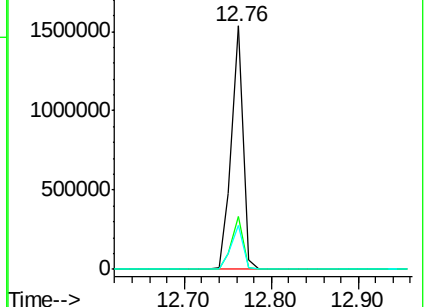
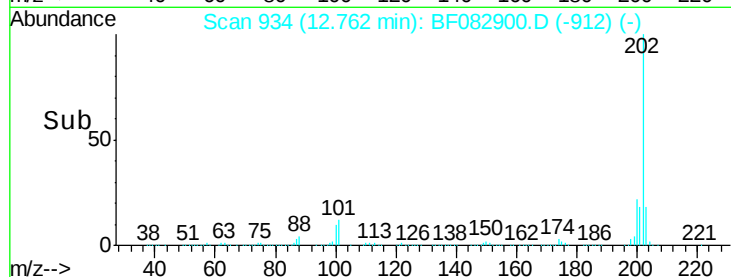
Mmdadoda
11/16/2015 12:44:00 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 46.00 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

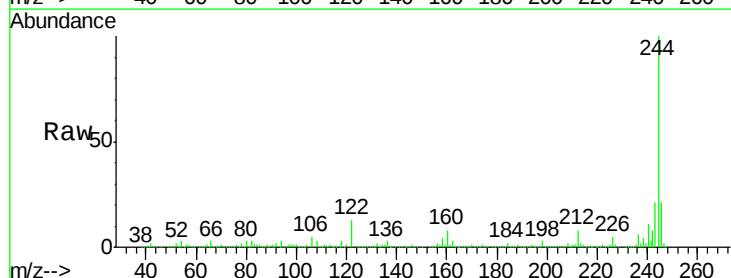
Tgt Ion:244 Resp: 1562363

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

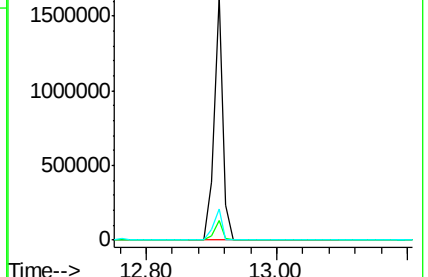
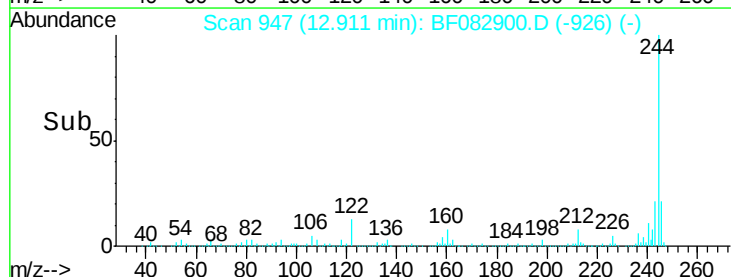
122 12.6 11.3 16.9

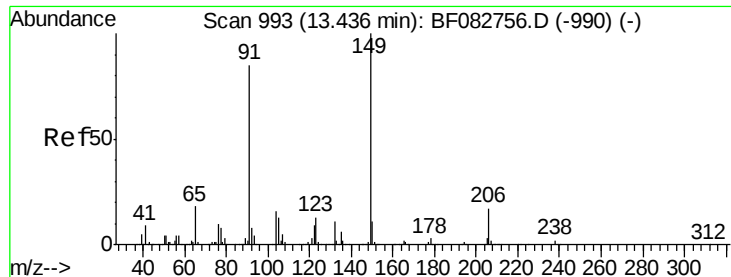


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





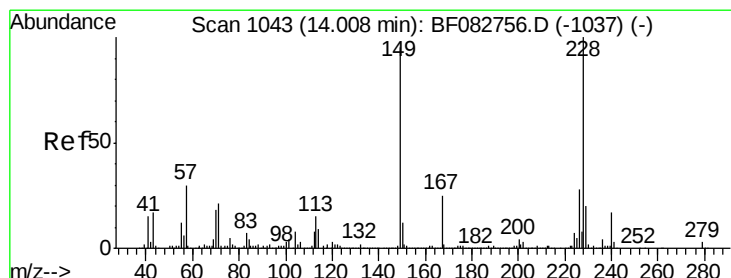
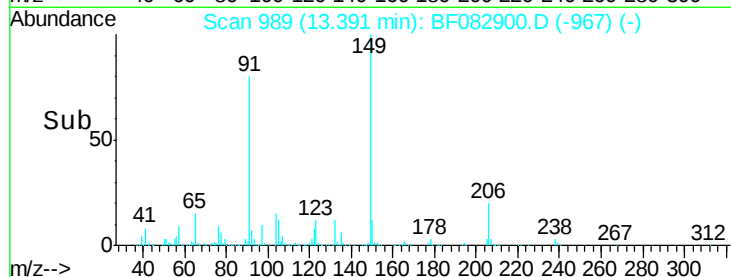
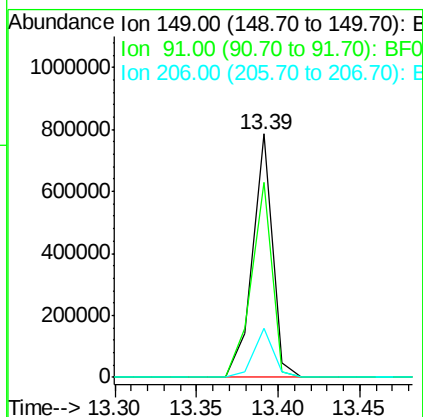
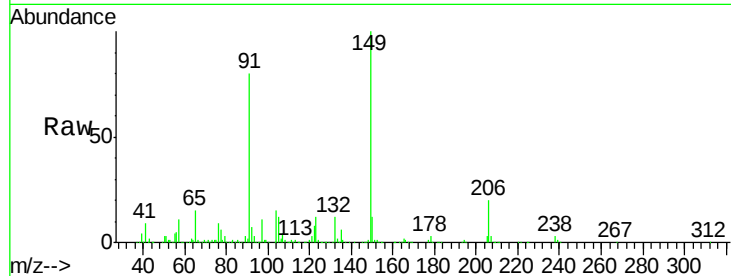
#79
Butylbenzylphthalate
Concen: 27.43 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.0	67.7	101.5
206	20.1	14.6	22.0

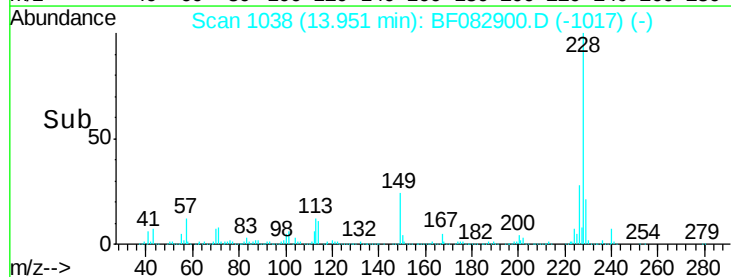
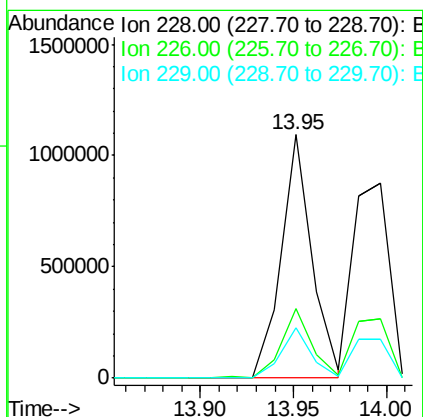
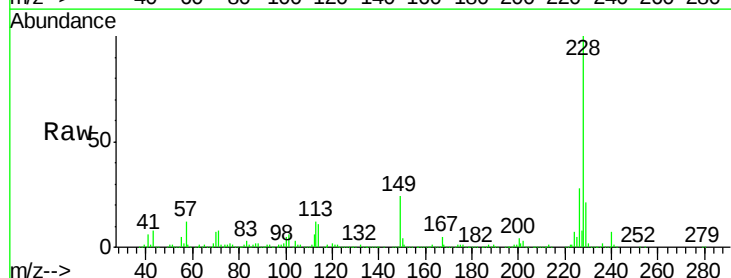
Manual Integrations
APPROVED

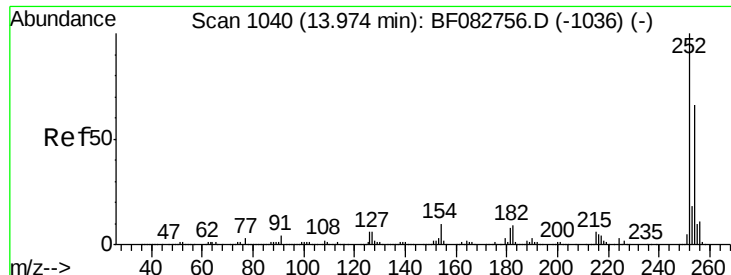
Mmdadoda
11/16/2015 12:44:00 PM



#80
Benzo(a)anthracene
Concen: 24.91 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

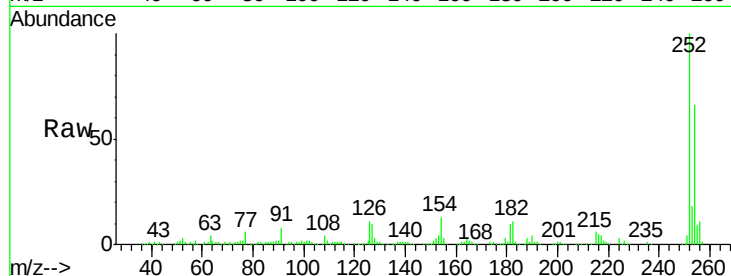
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	20.5	16.3	24.5





#81
 3,3'-Dichlorobenzidine
 Concen: 14.94 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

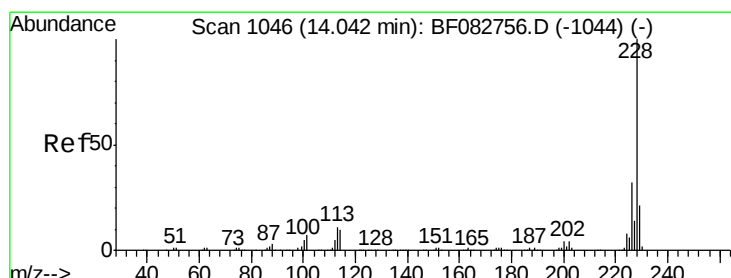
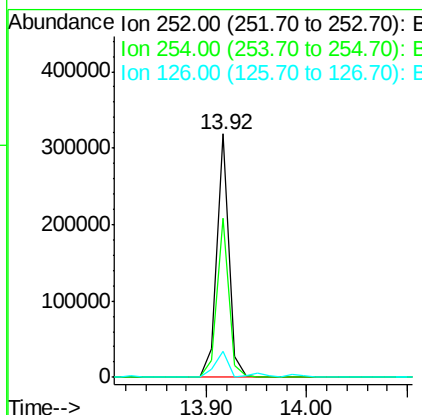
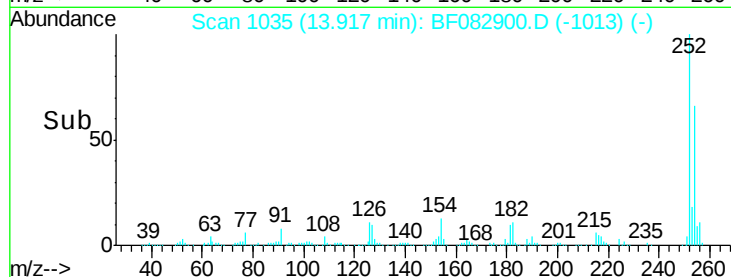
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-4-6FTMSD



Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.5	51.4	77.0
126	10.6	10.7	16.1#

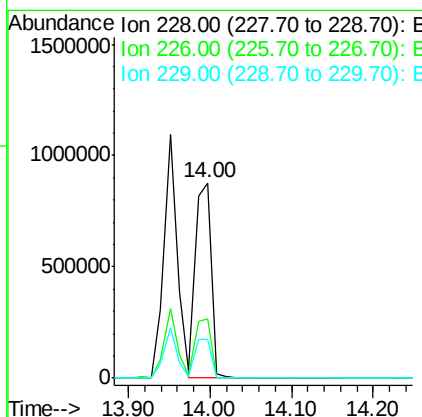
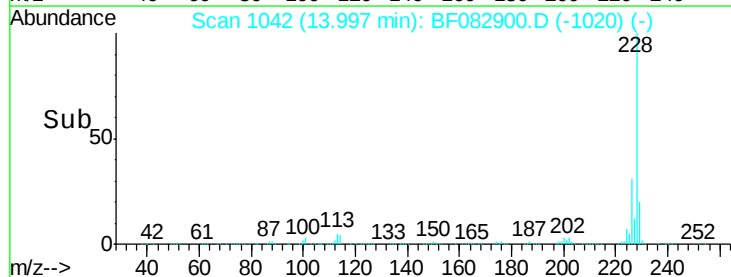
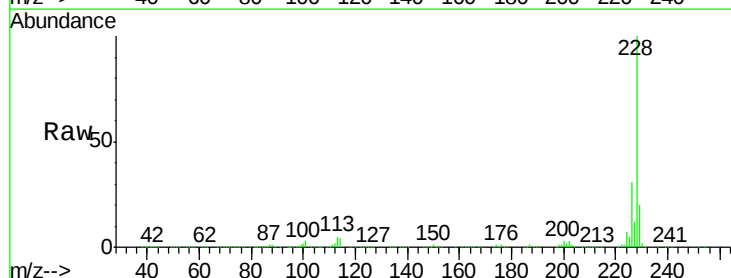
Manual Integrations
 APPROVED

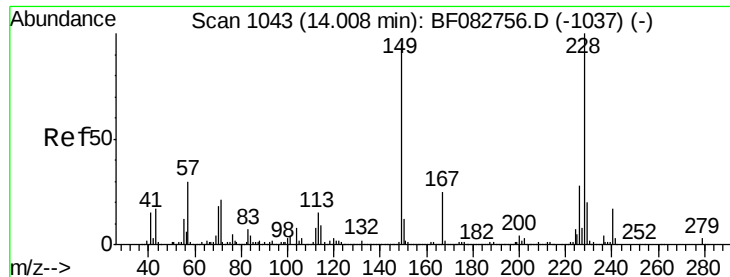
Mmdadoda
 11/16/2015 12:44:00 PM



#82
 Chrysene
 Concen: 25.82 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF082900.D
 Acq: 13 Nov 2015 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	25.5	38.3
229	19.7	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.08 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

Tgt Ion:149 Resp: 905972

Ion Ratio Lower Upper

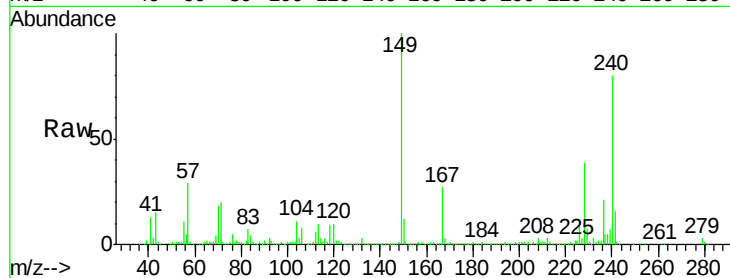
149 100

167 27.4 21.2 31.8

279 3.3 2.2 3.2#

Manual Integrations
APPROVED

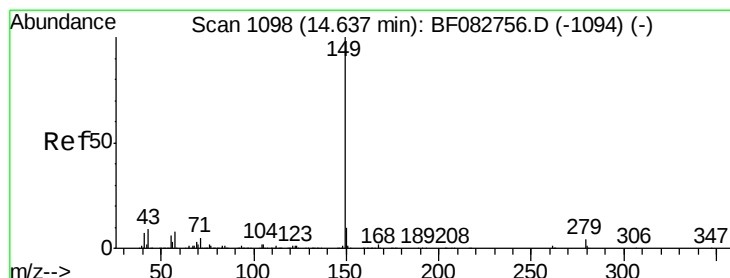
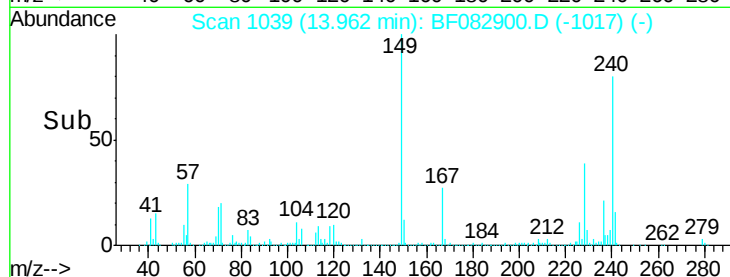
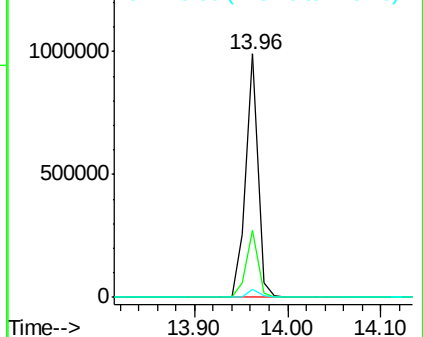
Mmdadoda
11/16/2015 12:44:00 PM



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: 28.54 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.06 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

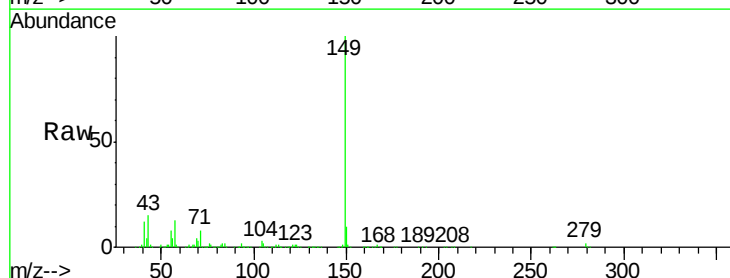
Tgt Ion:149 Resp: 1592852

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

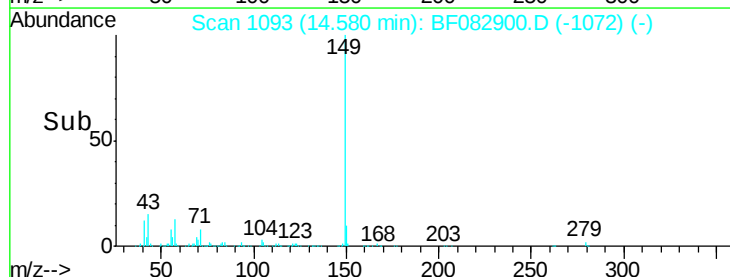
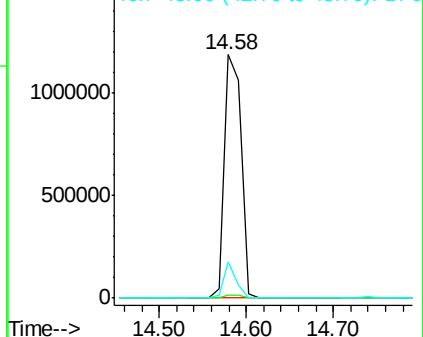
43 11.1 10.1 15.1

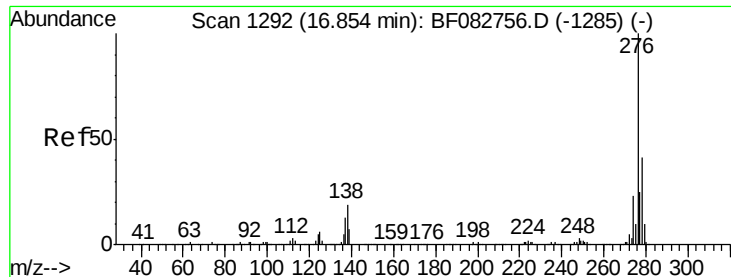


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





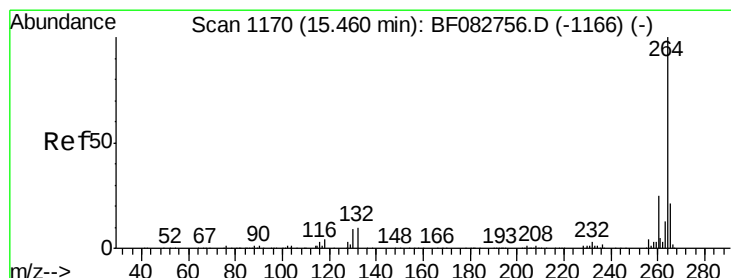
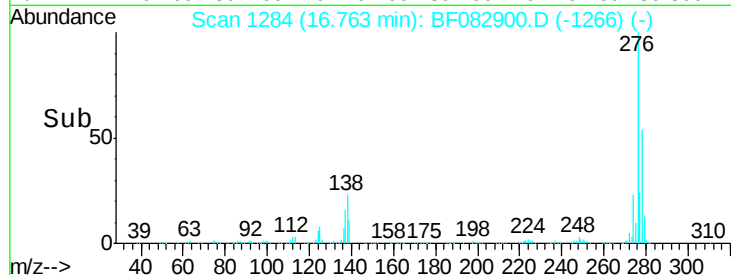
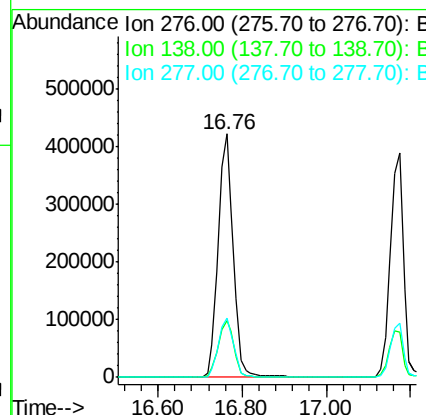
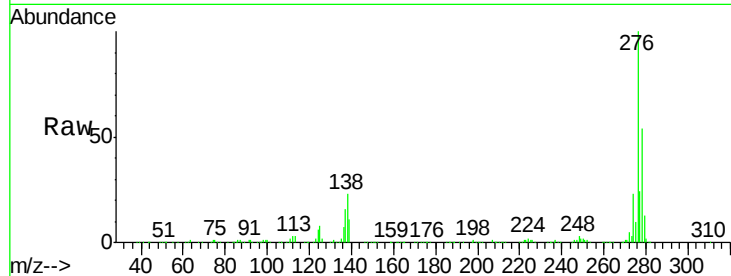
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.68 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.09 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion:276 Resp: 1060096
Ion Ratio Lower Upper
276 100
138 24.4 15.3 22.9#
277 24.7 20.2 30.4

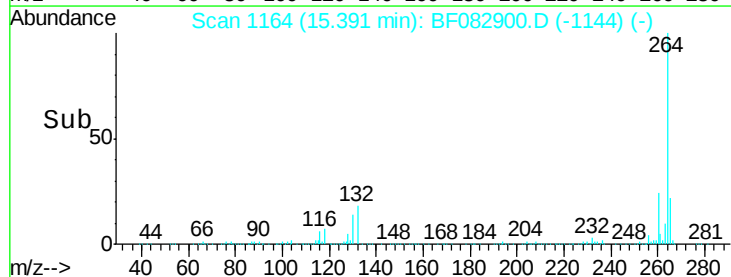
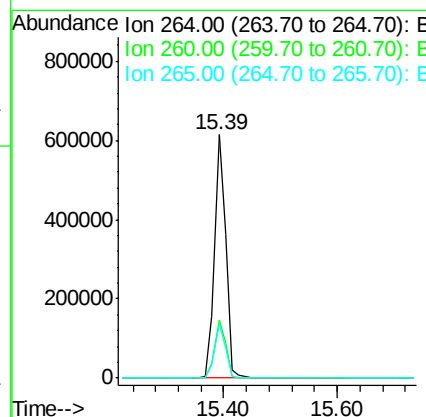
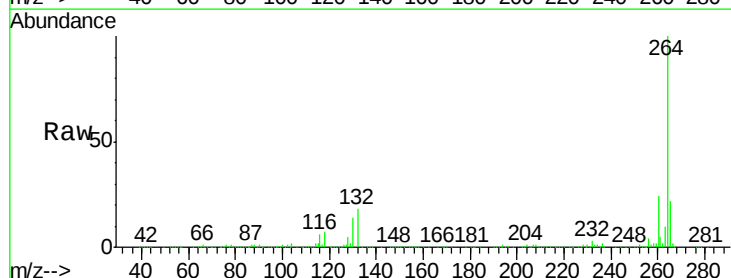
Manual Integrations
APPROVED

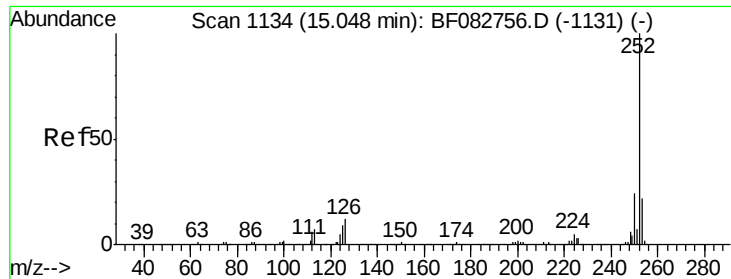
Mmdadoda
11/16/2015 12:44:00 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion:264 Resp: 811152
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.6
265 22.1 17.4 26.0





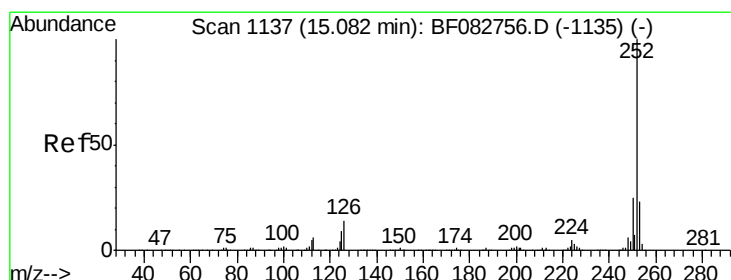
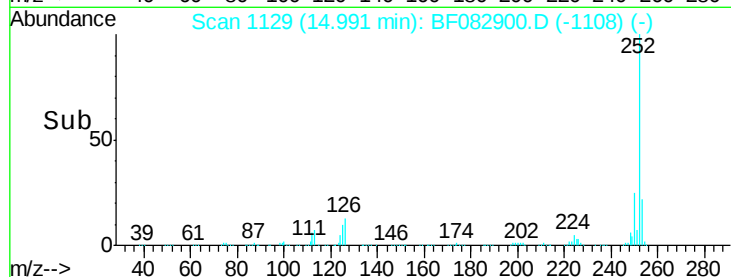
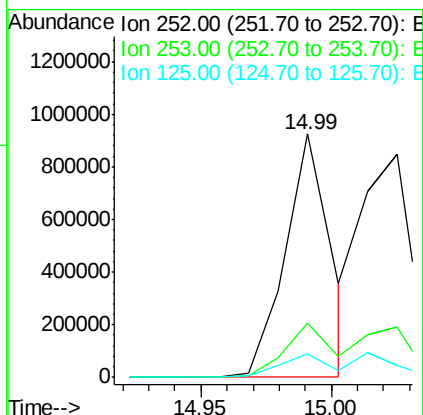
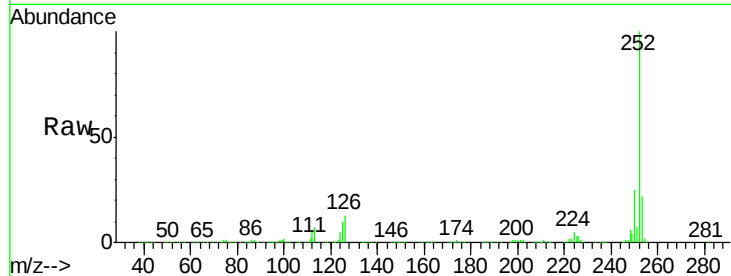
#87
Benzo(b)fluoranthene
Concen: 21.37 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
SB-3-4-6FTMSD

Tgt Ion: 252 Resp: 1112446
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.8 5.4 8.2#

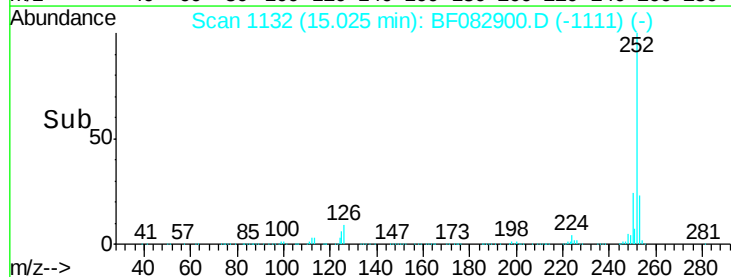
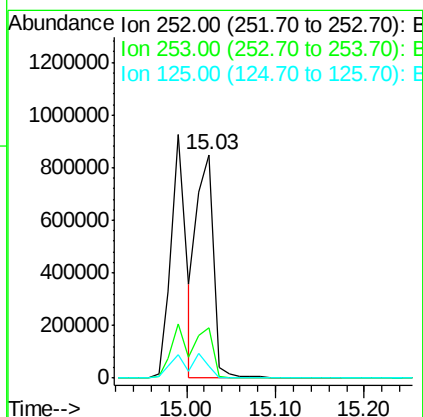
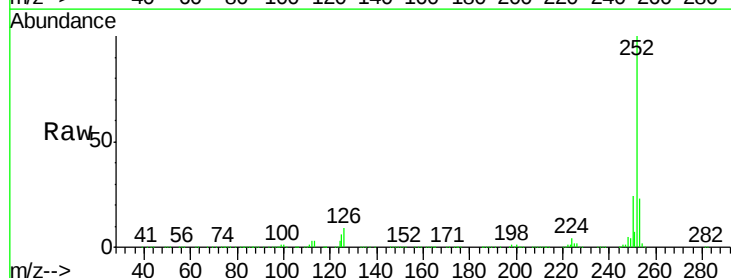
Manual Integrations
APPROVED

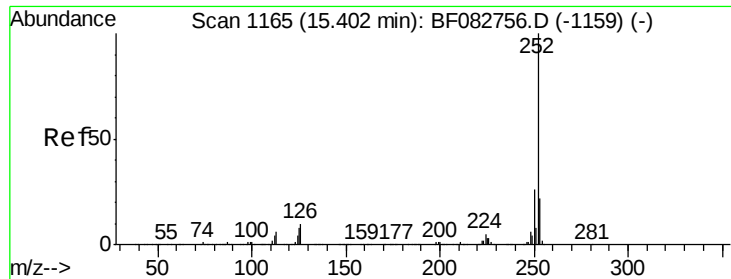
Mmdadoda
11/16/2015 12:44:00 PM



#88
Benzo(k)fluoranthene
Concen: 24.41 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.06 min
Lab File: BF082900.D
Acq: 13 Nov 2015 16:34

Tgt Ion: 252 Resp: 1127281
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 5.5 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 23.06 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.07 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

Tgt Ion: 252 Resp: 1040440

Ion Ratio Lower Upper

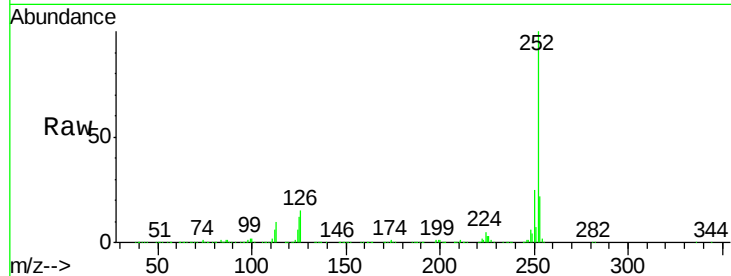
252 100

253 22.2 17.3 25.9

125 11.5 7.1 10.7#

Manual Integrations
APPROVED

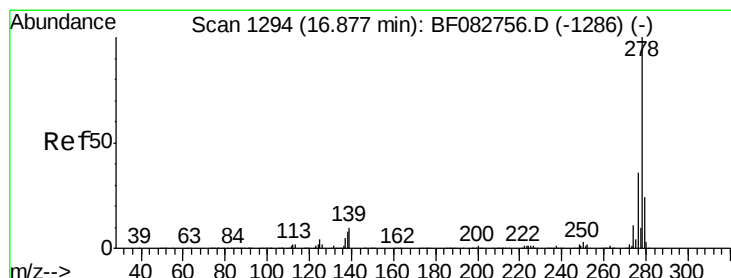
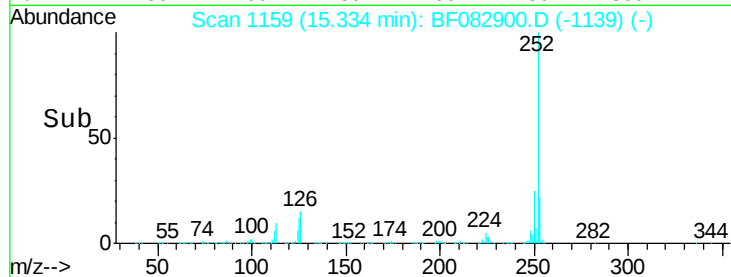
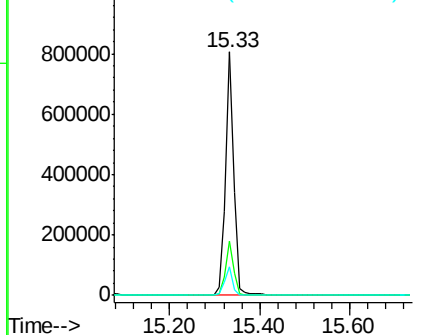
Mmdadoda
11/16/2015 12:44:00 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 23.77 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.09 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Tgt Ion: 278 Resp: 907970

Ion Ratio Lower Upper

278 100

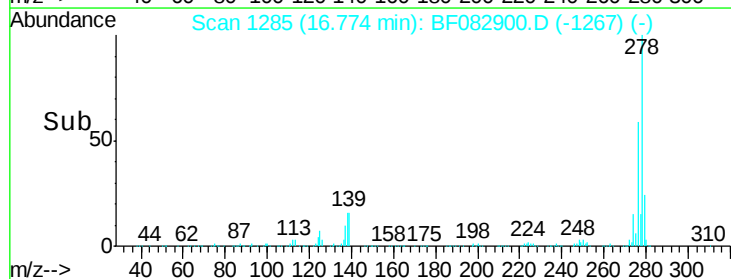
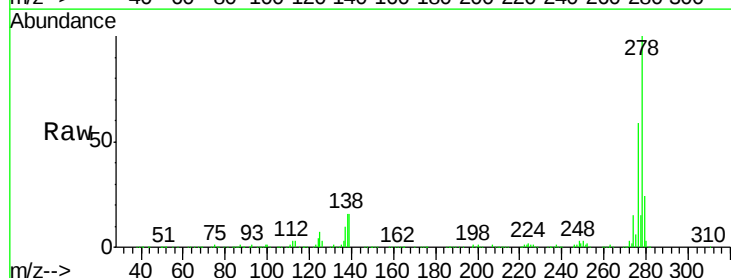
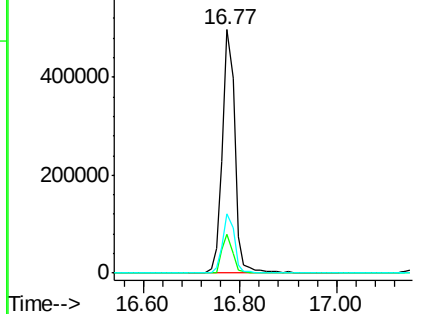
139 16.0 9.9 14.9#

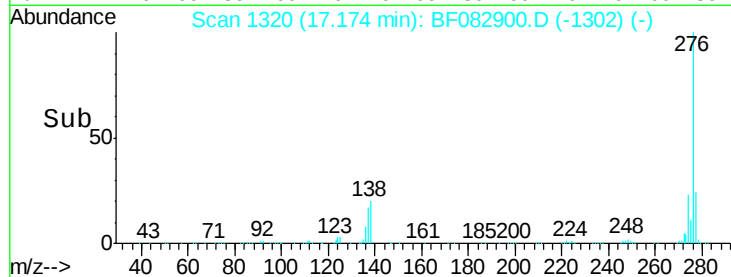
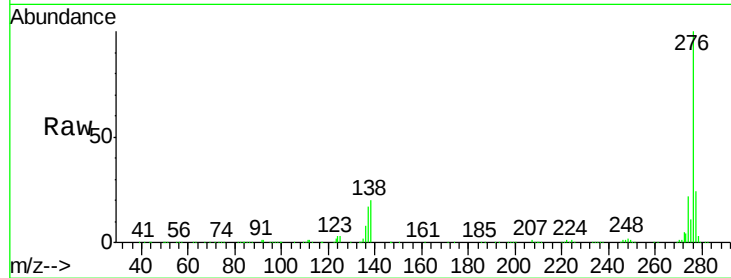
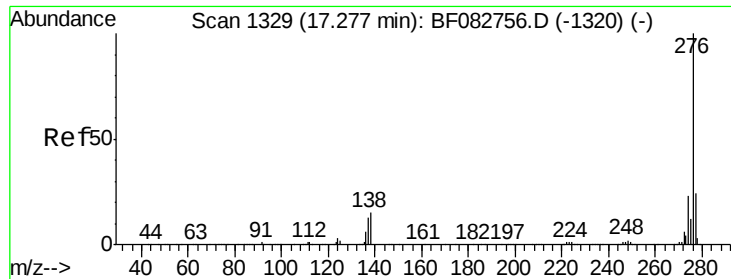
279 24.2 19.6 29.4

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 23.30 ng

RT: 17.17 min Scan# 1320

Delta R.T. -0.09 min

Lab File: BF082900.D

Acq: 13 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

SB-3-4-6FTMSD

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		852581		
277	24.0	19.2	28.8		
138	19.8	13.1	19.7		

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:00 PM

