

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082908.D
 Acq On : 13 Nov 2015 20:27
 Operator : UM/IZ
 Sample : G4370-05MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:02 PM

Quant Time: Nov 14 05:36:29 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	6.81	152	269323	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	996849	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	464831	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	834319	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	524344	20.00	ng	-0.05
86) Perylene-d12	15.39	264	610494	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2375912	137.26	ng	-0.01
7) Phenol-d6	6.48	99	3129447	135.99	ng	0.00
23) Nitrobenzene-d5	7.38	82	2071252	90.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	648325	121.64	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	2430347	74.94	ng	-0.05
78) Terphenyl-d14	12.92	244	1868879	84.54	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	157624	21.10	ng	97
3) Pyridine	3.14	79	485087	22.38	ng	95
4) n-Nitrosodimethylamine	3.06	42	227610	21.18	ng	# 72
6) Aniline	6.51	93	193934m	6.00	ng	
8) 2-Chlorophenol	6.60	128	481539	25.10	ng	94
9) Benzaldehyde	6.34	77	34214	2.69	ng	94
10) Phenol	6.49	94	489267	18.74	ng	# 71
11) bis(2-Chloroethyl)ether	6.54	93	597974m	30.62	ng	
12) 1,3-Dichlorobenzene	6.75	146	474717m	21.94	ng	
13) 1,4-Dichlorobenzene	6.82	146	459578	20.41	ng	97
14) 1,2-Dichlorobenzene	6.98	146	482943	23.59	ng	99
15) Benzyl Alcohol	6.96	79	414629	20.52	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	716391	25.01	ng	62
17) 2-Methylphenol	7.08	107	356082	21.91	ng	# 91
18) Hexachloroethane	7.32	117	115400	14.33	ng	91
19) n-Nitroso-di-n-propylamine	7.23	70	351162	20.76	ng	89
20) 3+4-Methylphenols	7.24	107	498780	23.60	ng	# 59
22) Acetophenone	7.22	105	677792	23.73	ng	# 95
24) Nitrobenzene	7.39	77	500613	21.37	ng	91
25) Isophorone	7.63	82	859536	20.28	ng	# 97
26) 2-Nitrophenol	7.71	139	244290	24.98	ng	# 64
27) 2,4-Dimethylphenol	7.77	122	408181	23.23	ng	87
28) bis(2-Chloroethoxy)methane	7.85	93	616491	25.78	ng	98
29) 2,4-Dichlorophenol	7.96	162	383053	24.12	ng	93
30) 1,2,4-Trichlorobenzene	8.04	180	390851	21.89	ng	# 92
31) Naphthalene	8.11	128	1152998	20.96	ng	99
32) Benzoic acid	7.86	122	93835	7.80	ng	# 84
33) 4-Chloroaniline	8.18	127	138406	5.84	ng	# 85
34) Hexachlorobutadiene	8.24	225	219350	19.63	ng	99
35) Caprolactam	8.53	113	121545	24.28	ng	# 87
36) 4-Chloro-3-methylphenol	8.67	107	414794	22.21	ng	# 82
37) 2-Methylnaphthalene	8.81	142	793690	22.31	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	390051	25.53	ng	97
40) Hexachlorocyclopentadiene	8.97	237	20628	2.51	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082908.D
 Acq On : 13 Nov 2015 20:27
 Operator : UM/IZ
 Sample : G4370-05MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

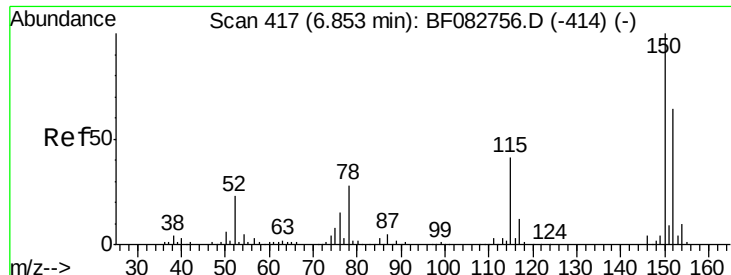
Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:02 PM

Quant Time: Nov 14 05:36:29 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

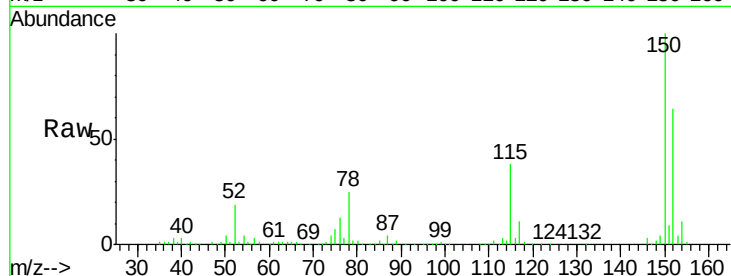
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	247448	21.70	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	259789	23.04	ng	96
45) 1,1'-Biphenyl	9.28	154	1004458	25.18	ng	98
46) 2-Chloronaphthalene	9.30	162	778062	25.01	ng	97
47) 2-Nitroaniline	9.39	65	255437	22.13	ng	# 84
48) Acenaphthylene	9.71	152	1178904	24.18	ng	99
49) Dimethylphthalate	9.57	163	1227667	32.24	ng	100
50) 2,6-Dinitrotoluene	9.63	165	177031	21.79	ng	89
51) Acenaphthene	9.88	154	713336	23.08	ng	99
52) 3-Nitroaniline	9.80	138	104888	11.74	ng	# 70
53) 2,4-Dinitrophenol	9.90	184	71871	16.11	ng	# 18
54) Dibenzofuran	10.05	168	981938	23.57	ng	92
55) 4-Nitrophenol	9.98	139	284275	41.46	ng	85
56) 2,4-Dinitrotoluene	10.03	165	247201	22.42	ng	93
57) Fluorene	10.40	166	803626	23.82	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	222949	24.22	ng	# 87
59) Diethylphthalate	10.28	149	922702	24.81	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	348949	20.67	ng	# 89
61) 4-Nitroaniline	10.42	138	171929	19.13	ng	# 63
62) Azobenzene	10.54	77	924305	23.14	ng	90
64) 4,6-Dinitro-2-methylphenol	10.44	198	74595	12.55	ng	# 60
65) n-Nitrosodiphenylamine	10.51	169	676491	22.44	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	210498	20.95	ng	# 75
67) Hexachlorobenzene	10.94	284	223762	19.95	ng	# 84
68) Atrazine	11.05	200	241227	25.88	ng	92
69) Pentachlorophenol	11.15	266	243321	35.72	ng	98
70) Phenanthrene	11.36	178	1117996	23.07	ng	99
71) Anthracene	11.40	178	1047420	20.52	ng	97
72) Carbazole	11.56	167	895123	20.04	ng	98
73) Di-n-butylphthalate	11.91	149	1285748	23.10	ng	# 97
74) Fluoranthene	12.55	202	979276	18.83	ng	95
76) Benzidine	12.66	184	141547	8.05	ng	# 94
77) Pyrene	12.77	202	920393	25.56	ng	96
79) Butylbenzylphthalate	13.40	149	406074	25.53	ng	# 72
80) Benzo(a)anthracene	13.96	228	759781	23.17	ng	97
81) 3,3'-Dichlorobenzidine	13.92	252	149403	12.82	ng	# 97
82) Chrysene	14.00	228	755012	25.14	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	552635	25.38	ng	99
84) Di-n-octyl phthalate	14.58	149	1007940	27.75	ng	96
85) Indeno(1,2,3-cd)pyrene	16.76	276	758532	29.33	ng	# 95
87) Benzo(b)fluoranthene	14.99	252	912744m	23.29	ng	
88) Benzo(k)fluoranthene	15.01	252	580704m	16.70	ng	
89) Benzo(a)pyrene	15.33	252	745606	21.96	ng	99
90) Dibenzo(a,h)anthracene	16.77	278	625689	21.76	ng	# 96
91) Benzo(g,h,i)perylene	17.17	276	596540	21.66	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

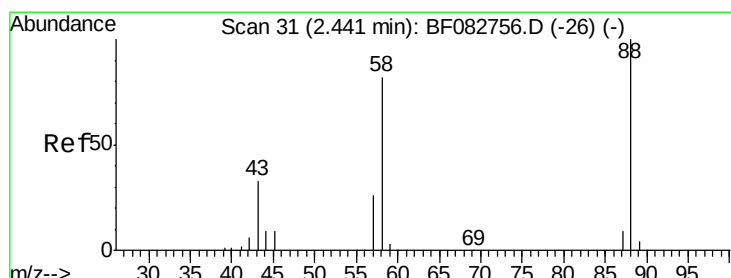
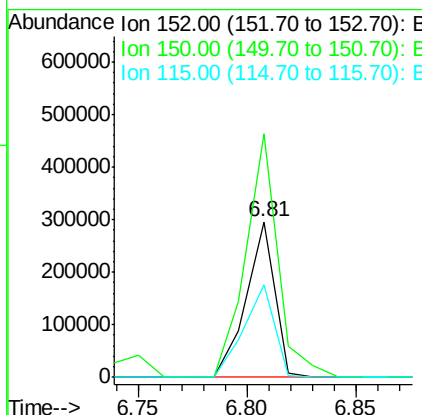
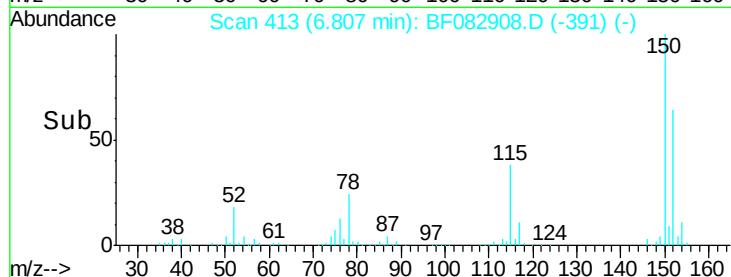
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.0	190.4
115	60.0	47.0	70.6

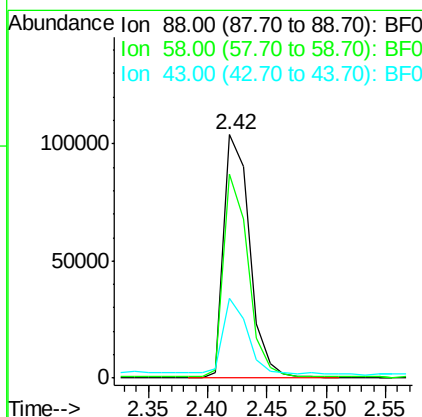
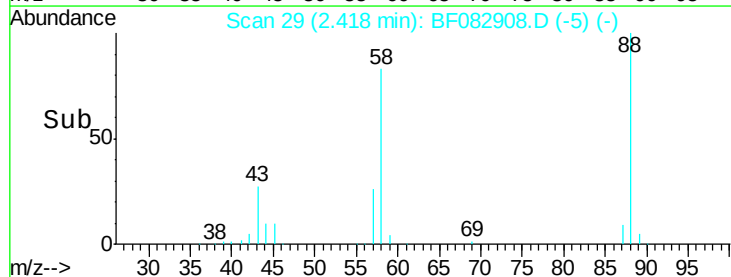
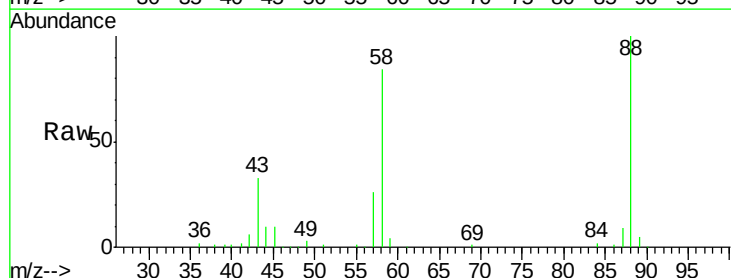
Manual Integrations
 APPROVED

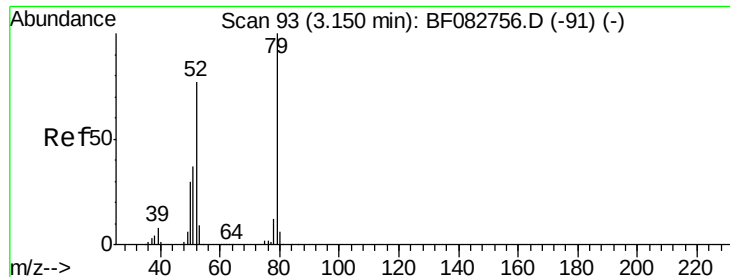
Mmdadoda
 11/16/2015 12:44:02 PM



#2
 1,4-Dioxane
 Concen: 21.10 ng
 RT: 2.42 min Scan# 29
 Delta R.T. -0.02 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	62.0	93.0
43	30.4	26.6	40.0





#3

Pyridine

Concen: 22.38 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.02 min

Lab File: BF082908.D

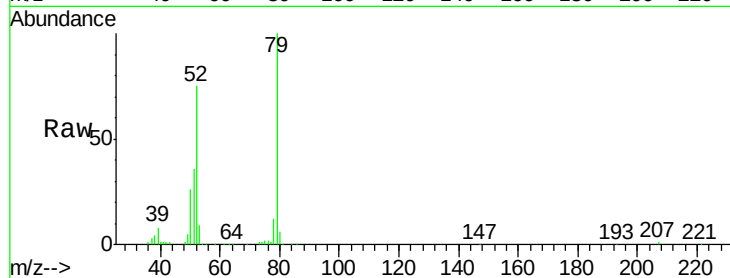
Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

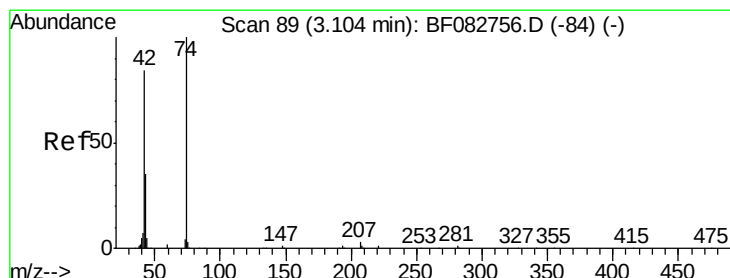
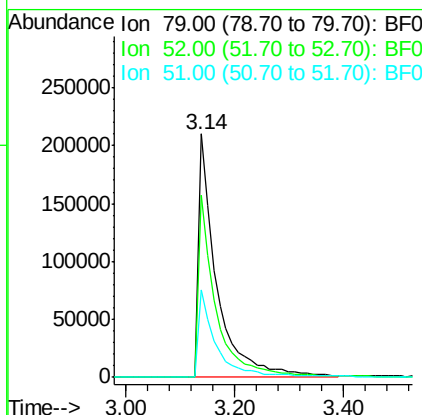
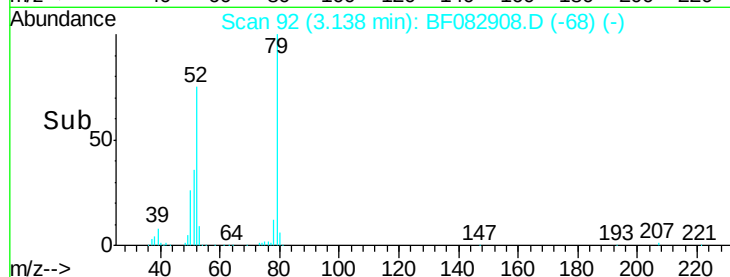
P001-TS003-02MS



Tgt Ion:	79	Resp:	485087
Ion Ratio	Lower	Upper	
79	100		
52	75.0	62.8	94.2
51	35.8	32.0	48.0

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM



#4

n-Nitrosodimethylamine

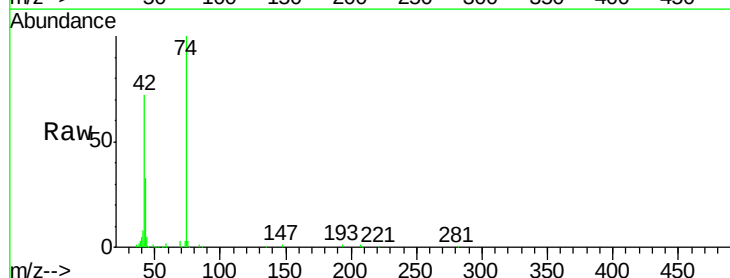
Concen: 21.18 ng

RT: 3.06 min Scan# 85

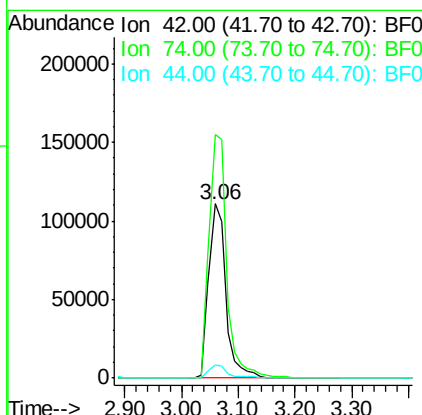
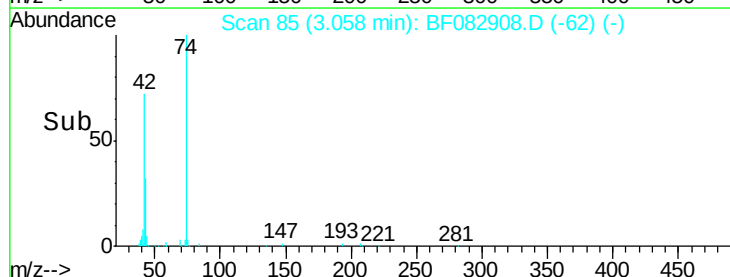
Delta R.T. -0.03 min

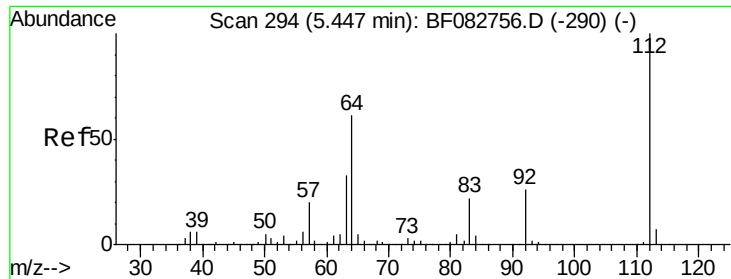
Lab File: BF082908.D

Acq: 13 Nov 2015 20:27



Tgt Ion:	42	Resp:	227610
Ion Ratio	Lower	Upper	
42	100		
74	139.6	87.0	130.4#
44	7.4	5.8	8.8





#5

2-Fluorophenol

Concen: 137.26 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082908.D

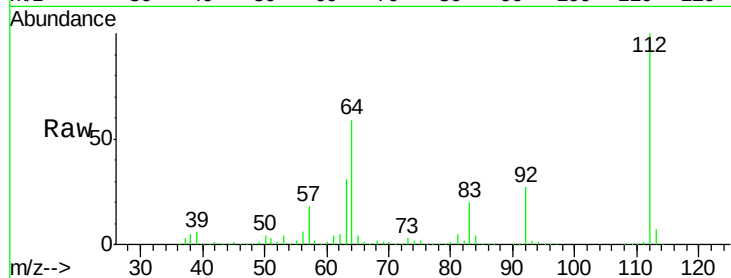
Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

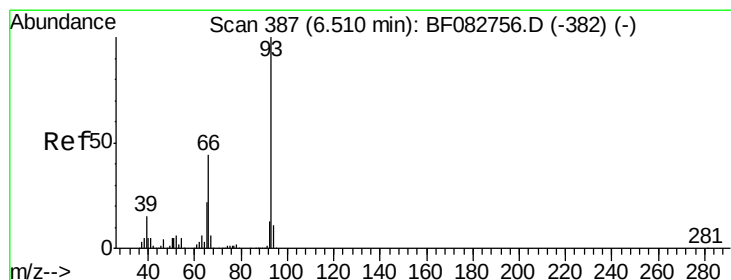
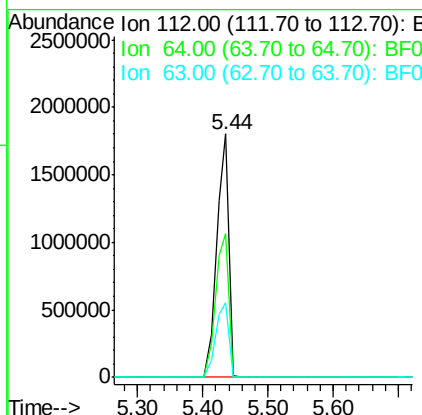
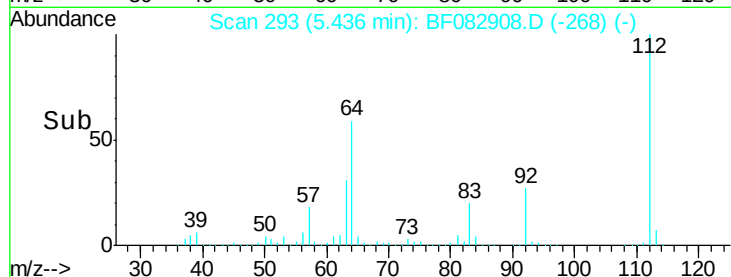
P001-TS003-02MS



Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.9	73.3
63	30.8	28.1	42.1

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM



#6

Aniline

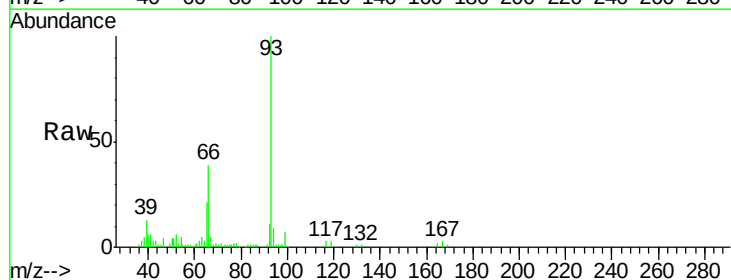
Concen: 6.00 ng m

RT: 6.51 min Scan# 387

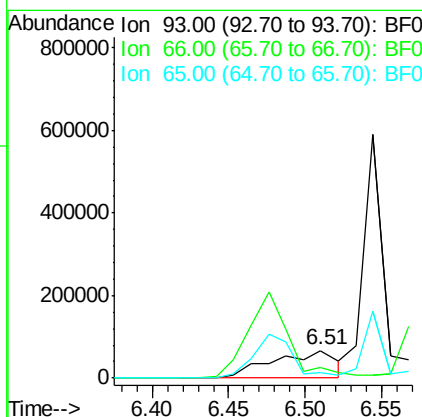
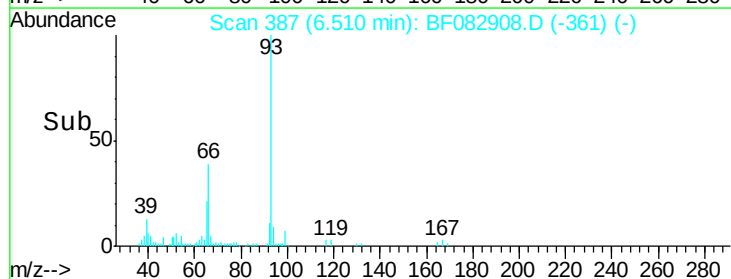
Delta R.T. 0.00 min

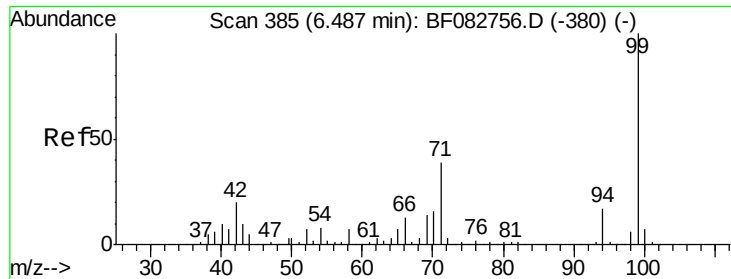
Lab File: BF082908.D

Acq: 13 Nov 2015 20:27



Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.4	33.6	50.4
65	21.1	18.1	27.1





#7

Phenol-d6

Concen: 135.99 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

Tgt Ion: 99 Resp: 3129447

Ion Ratio Lower Upper

99 100

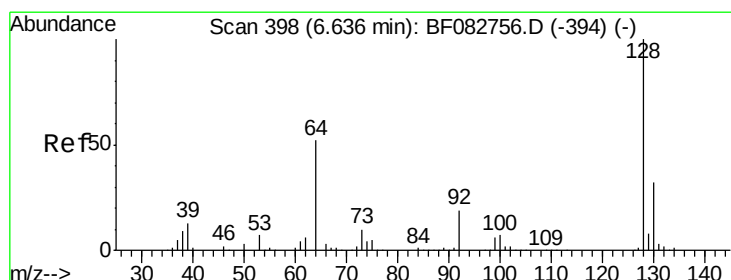
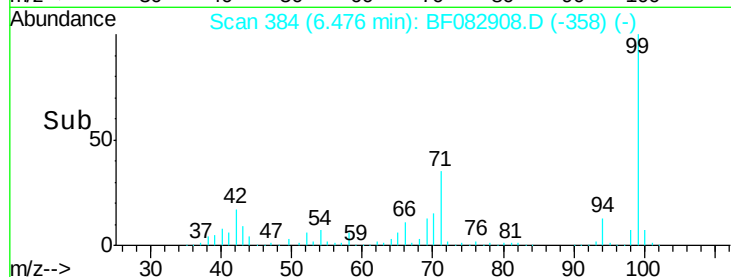
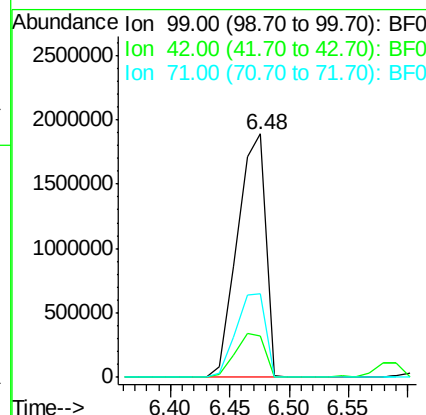
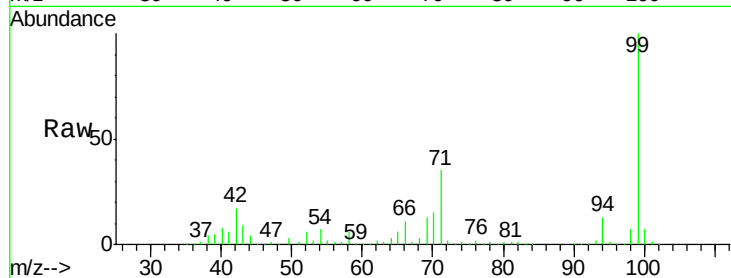
42 16.9 19.2 28.8#

71 34.5 35.0 52.4#

Manual Integrations
APPROVED

Mmdadoda

11/16/2015 12:44:02 PM



#8

2-Chlorophenol

Concen: 25.10 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

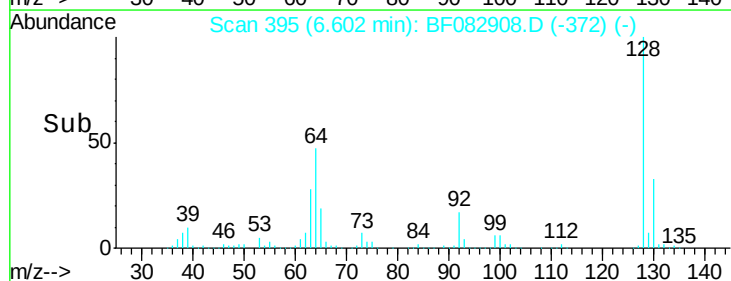
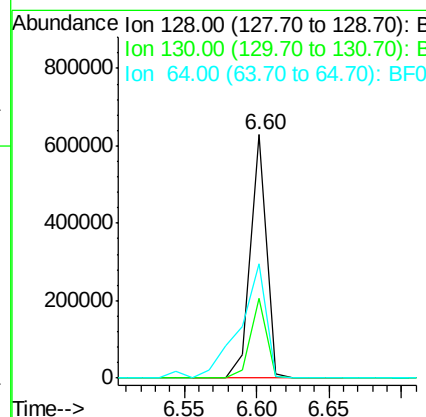
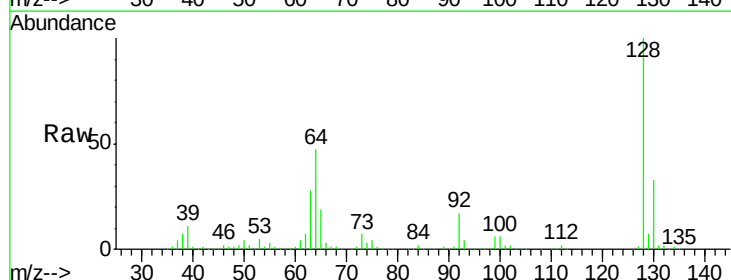
Tgt Ion: 128 Resp: 481539

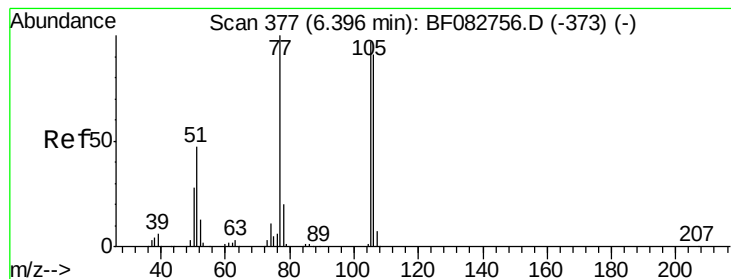
Ion Ratio Lower Upper

128 100

130 32.5 13.5 53.5

64 46.8 21.1 61.1





#9

Benzaldehyde

Concen: 2.69 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF082908.D

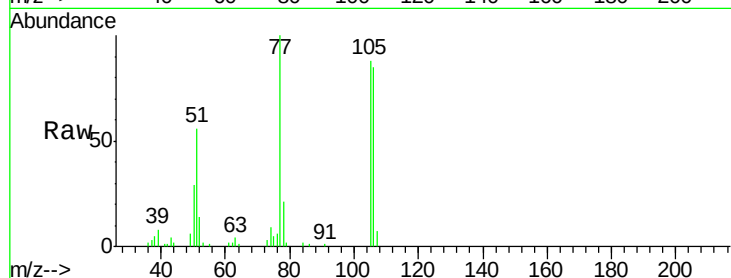
Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

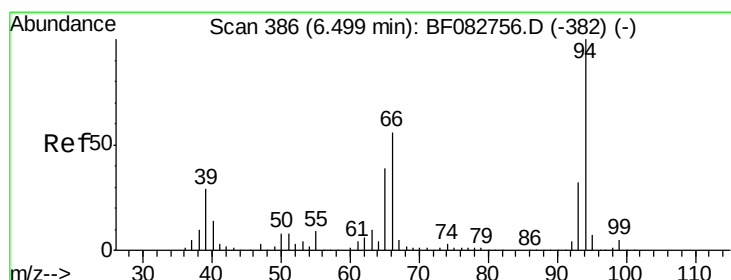
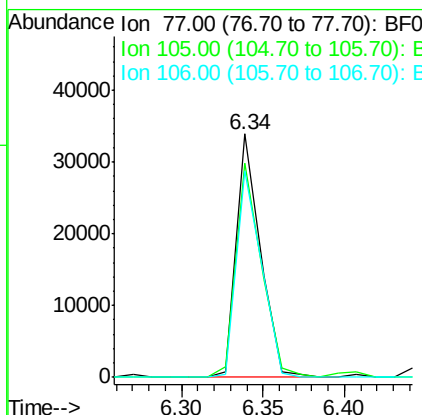
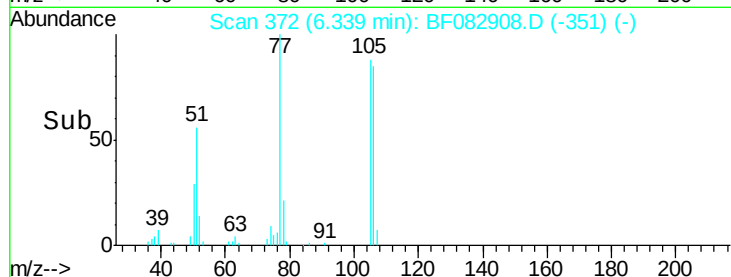
P001-TS003-02MS



Tgt Ion:	77	Resp:	34214
Ion Ratio	Lower	Upper	
77	100		
105	88.1	63.5	103.5
106	84.8	59.3	99.3

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM



#10

Phenol

Concen: 18.74 ng

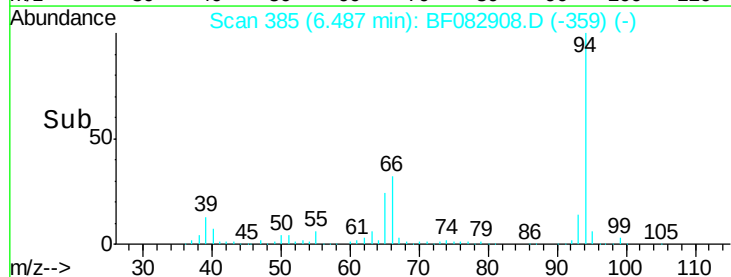
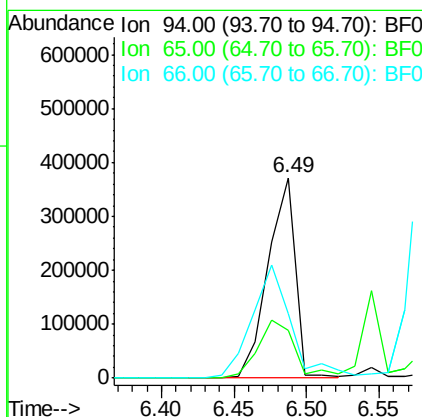
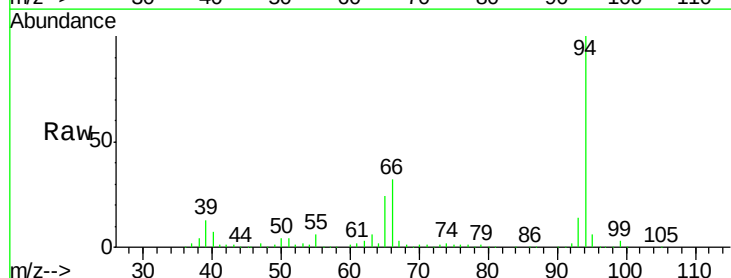
RT: 6.49 min Scan# 385

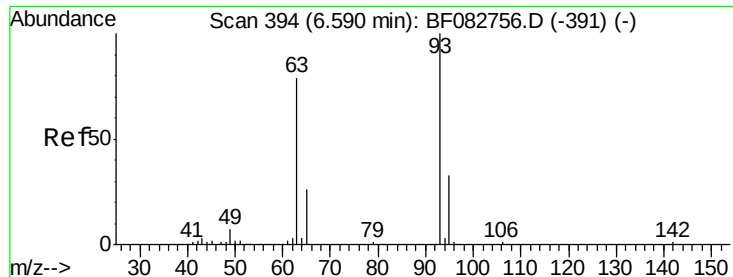
Delta R.T. 0.00 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Tgt Ion:	94	Resp:	489267
Ion Ratio	Lower	Upper	
94	100		
65	23.7	18.9	58.9
66	32.0	34.9	74.9#





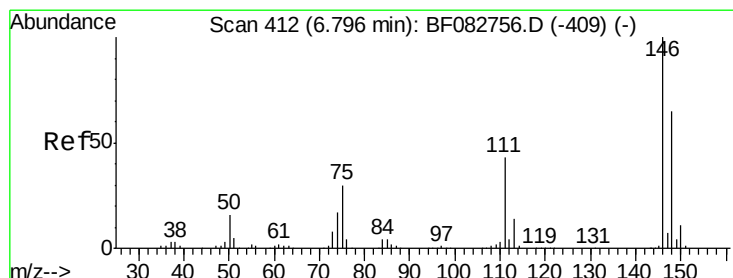
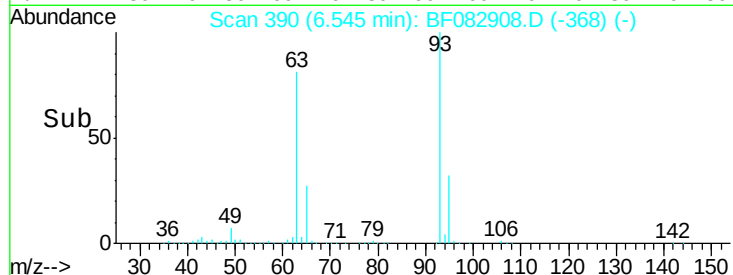
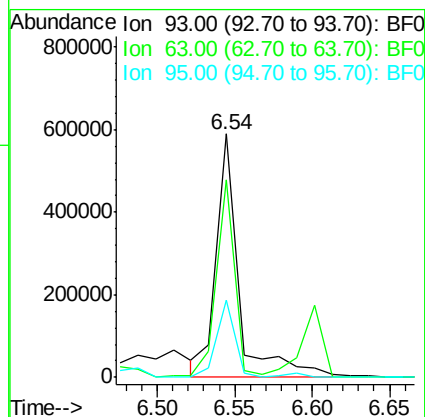
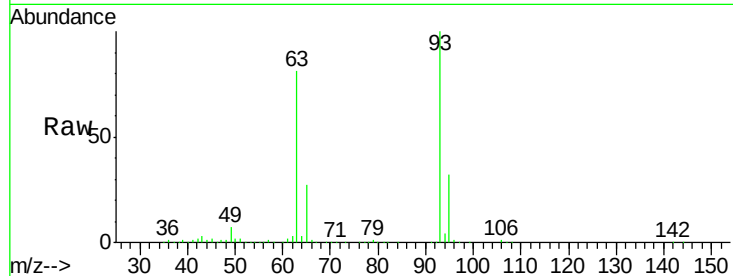
#11
bis(2-Chloroethyl)ether
Concen: 30.62 ng m
RT: 6.54 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion:	93	Resp:	597974
Ion	Ratio	Lower	Upper
93	100		
63	80.9	72.7	112.7
95	32.0	12.0	52.0

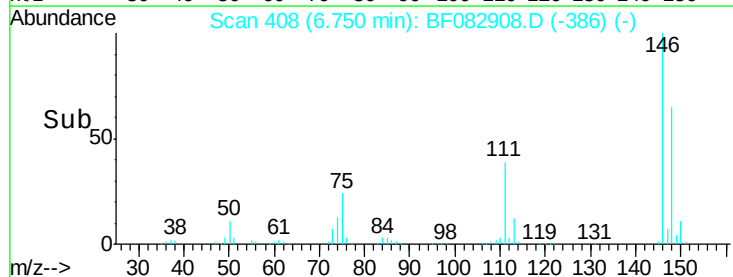
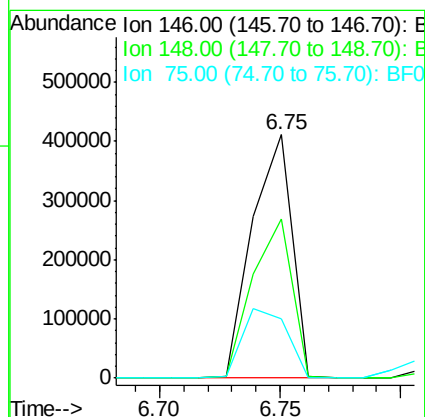
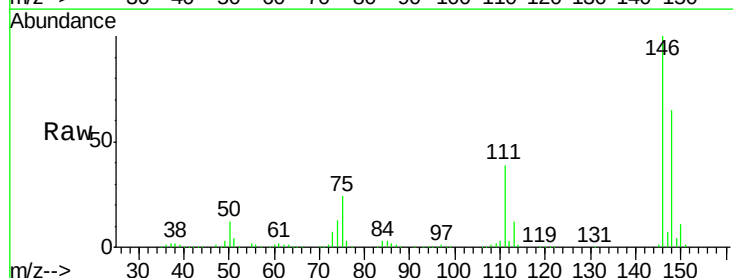
Manual Integrations
APPROVED

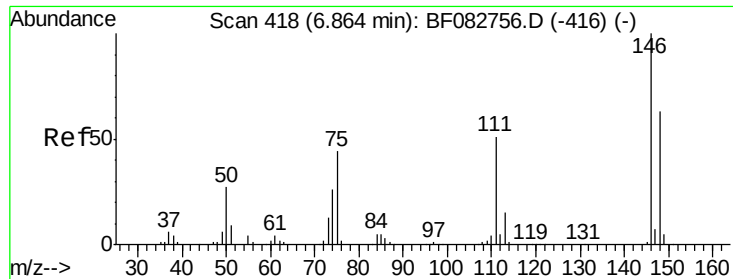
Mmdadoda
11/16/2015 12:44:02 PM



#12
1,3-Dichlorobenzene
Concen: 21.94 ng m
RT: 6.75 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion:	146	Resp:	474717
Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.5	75.7
75	24.1	39.5	59.3#





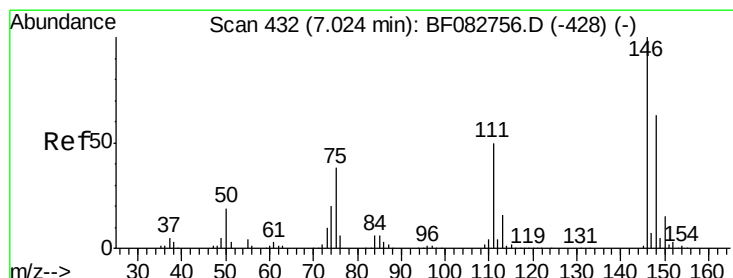
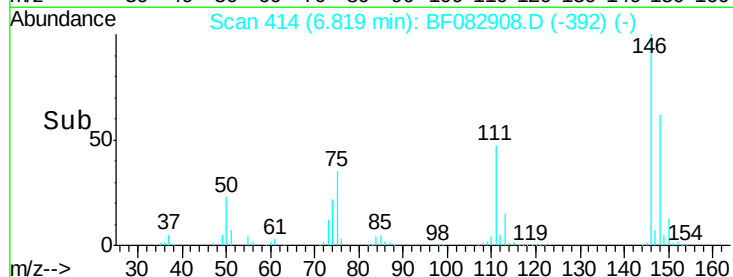
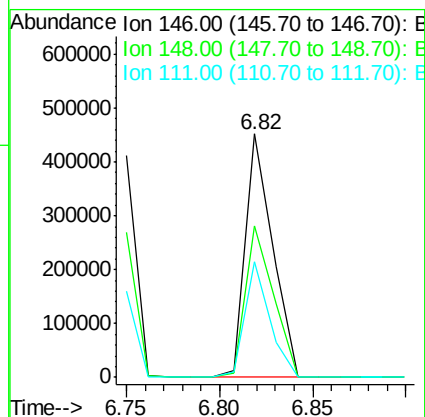
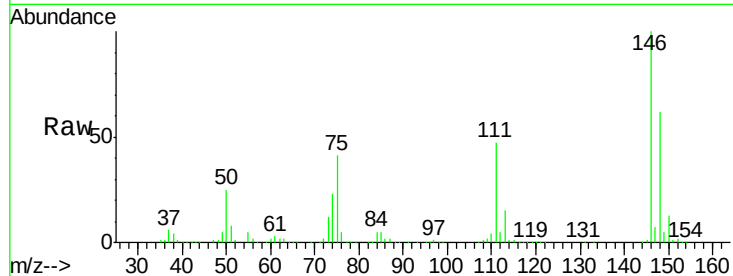
#13
1,4-Dichlorobenzene
Concen: 20.41 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.8	76.2
111	47.3	40.6	60.8

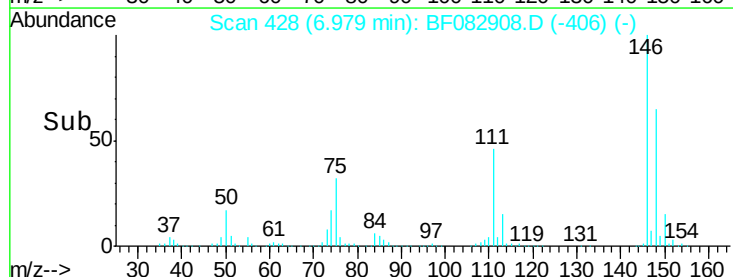
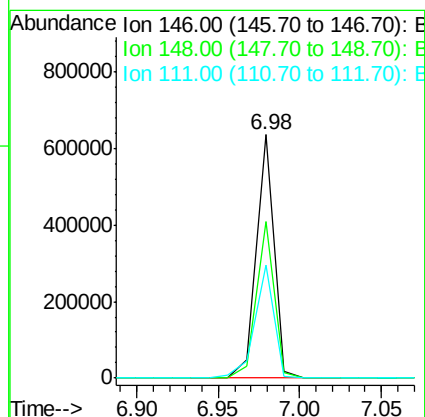
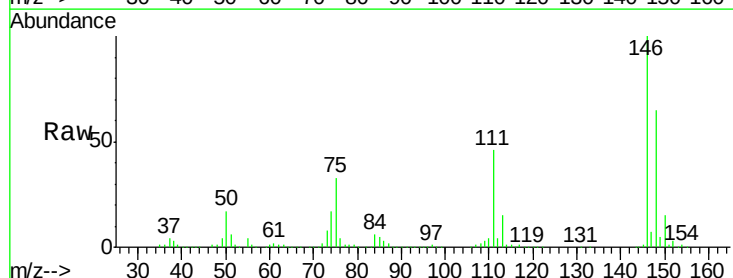
Manual Integrations
APPROVED

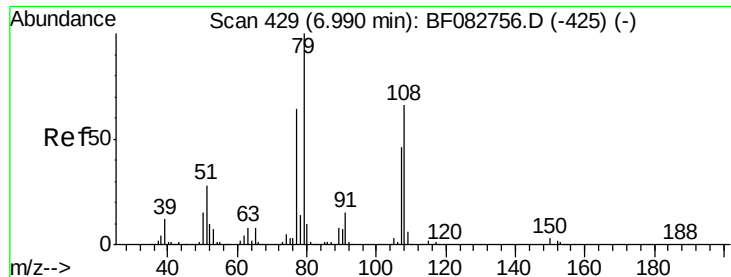
Mmdadoda
11/16/2015 12:44:02 PM



#14
1,2-Dichlorobenzene
Concen: 23.59 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.4
111	46.3	36.6	55.0





#15

Benzyl Alcohol

Concen: 20.52 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

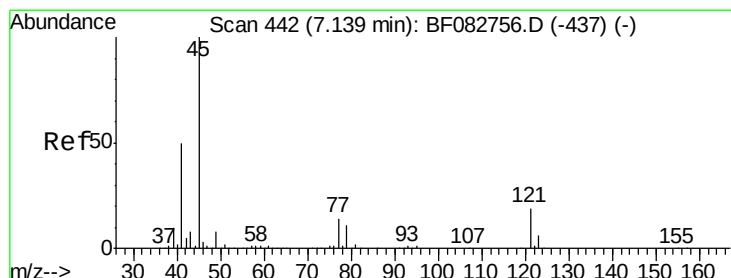
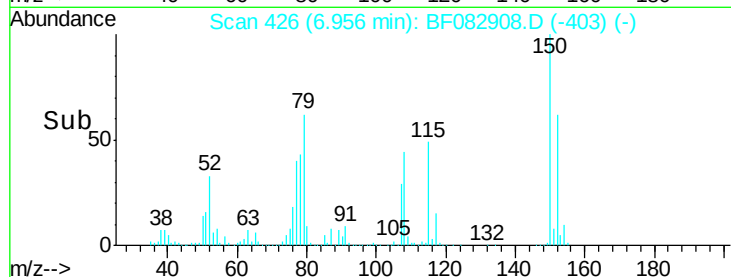
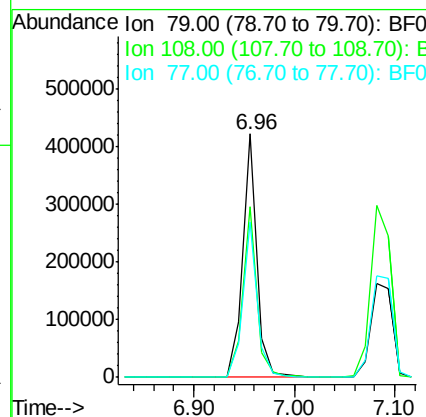
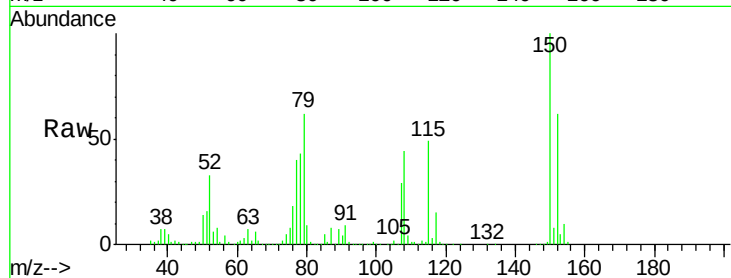
ClientSampleId :

P001-TS003-02MS

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM

Tgt Ion:	79	Resp:	414629
Ion Ratio	Lower	Upper	
79	100		
108	70.2	52.2	78.4
77	63.7	52.7	79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.01 ng

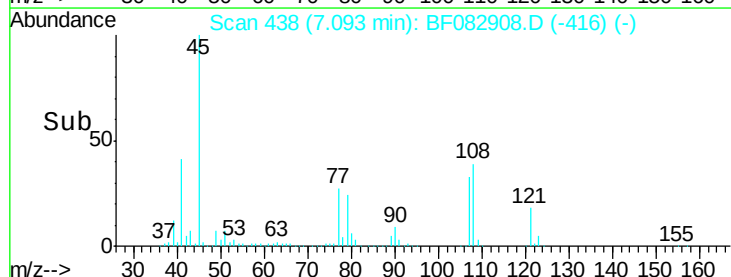
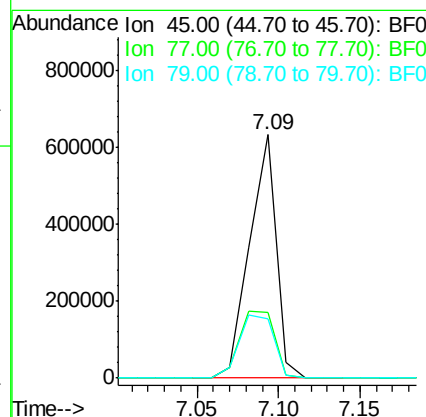
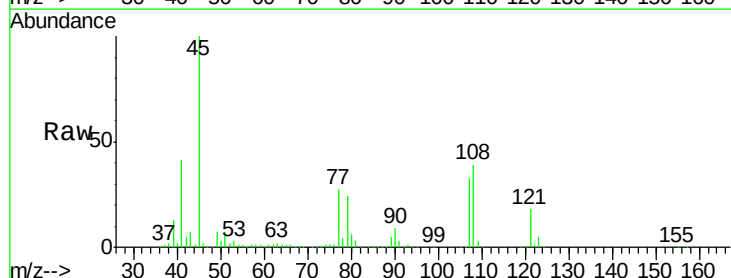
RT: 7.09 min Scan# 438

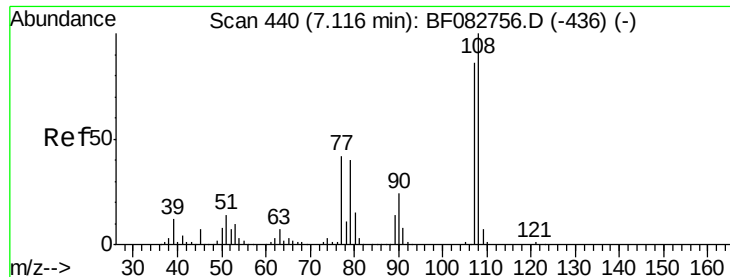
Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Tgt Ion:	45	Resp:	716391
Ion Ratio	Lower	Upper	
45	100		
77	27.0	0.0	32.6
79	24.2	0.0	29.2





#17

2-Methylphenol

Concen: 21.91 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082908.D

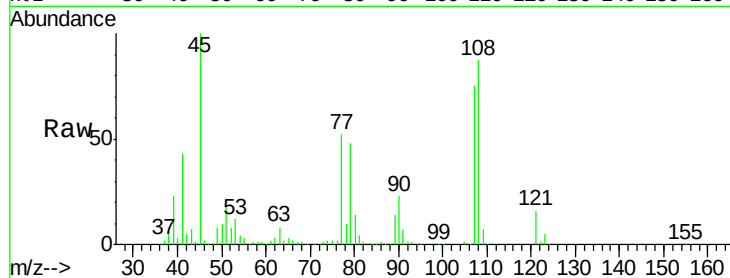
Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS



Tgt Ion:107 Resp: 356082

Ion Ratio Lower Upper

107 100

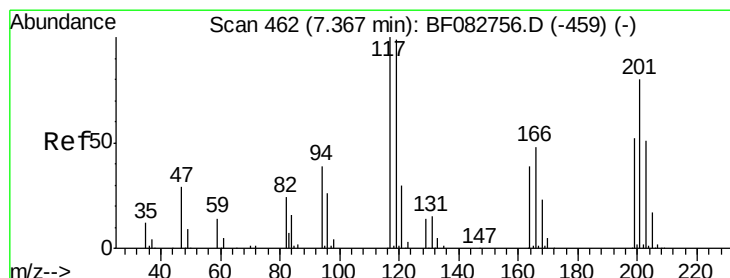
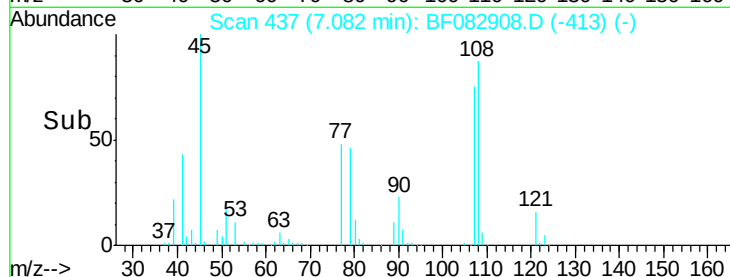
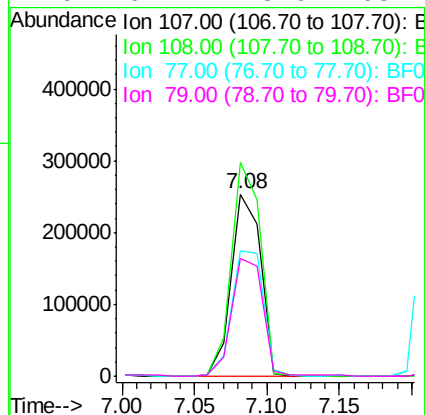
108 117.2 93.0 139.4

77 69.2 44.1 66.1

79 64.4 43.6 65.4

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM



#18

Hexachloroethane

Concen: 14.33 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

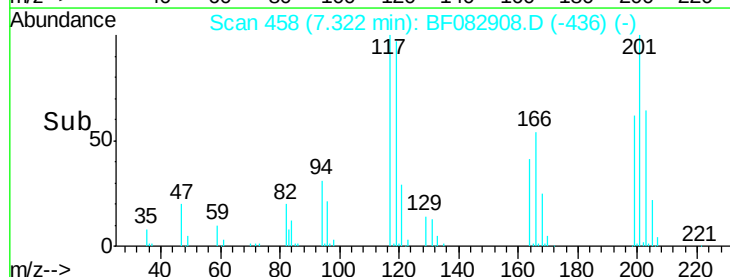
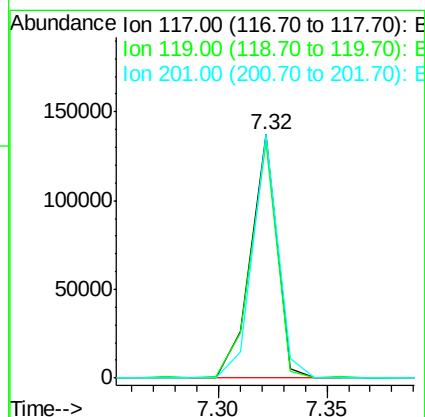
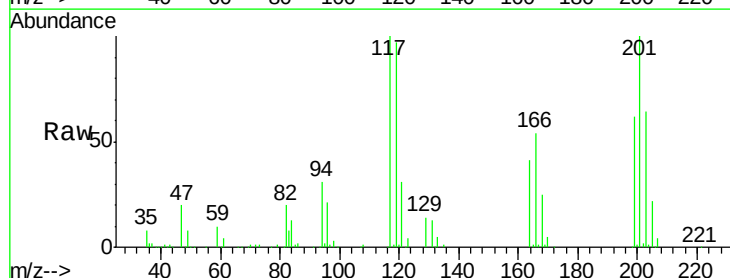
Tgt Ion:117 Resp: 115400

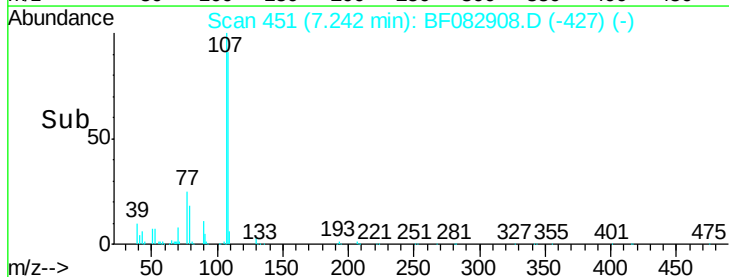
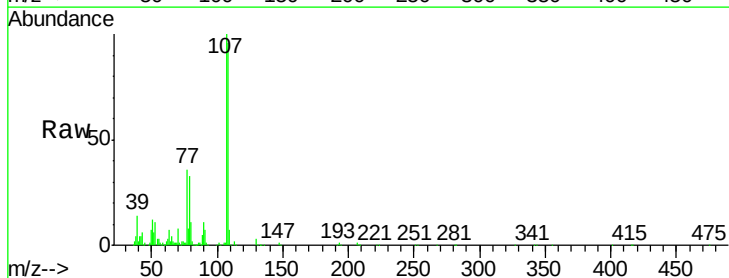
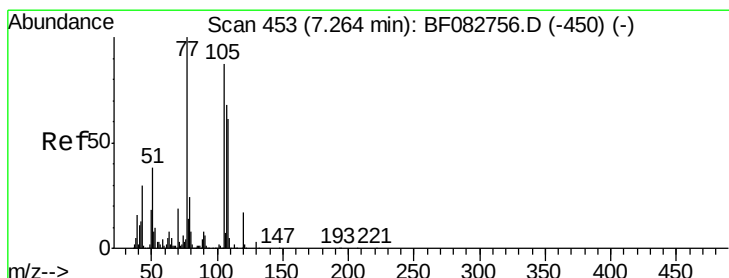
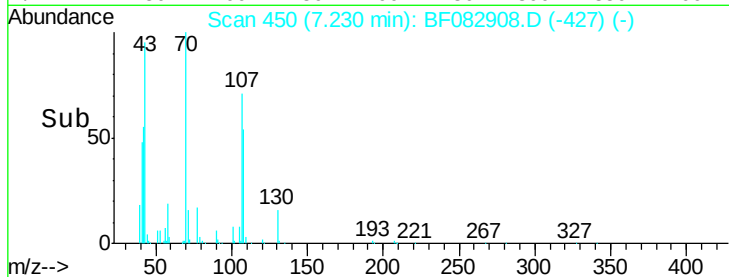
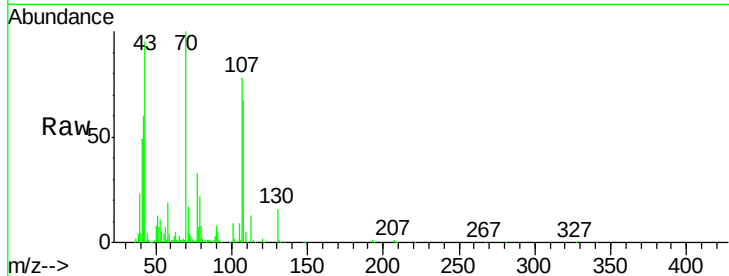
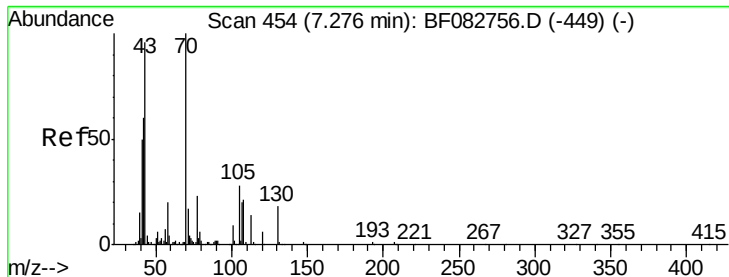
Ion Ratio Lower Upper

117 100

119 96.8 77.7 116.5

201 100.0 66.7 100.1

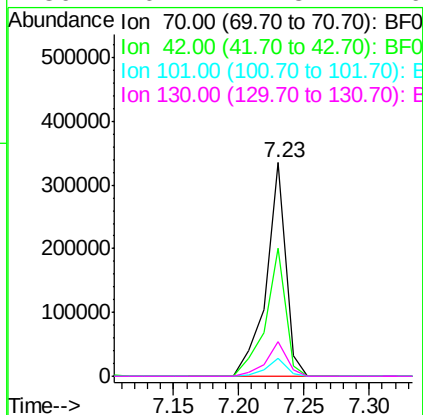




#19
n-Nitroso-di-n-propylamine
Concen: 20.76 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.2	57.7	86.5
101	8.7	7.0	10.6
130	16.1	11.8	17.6

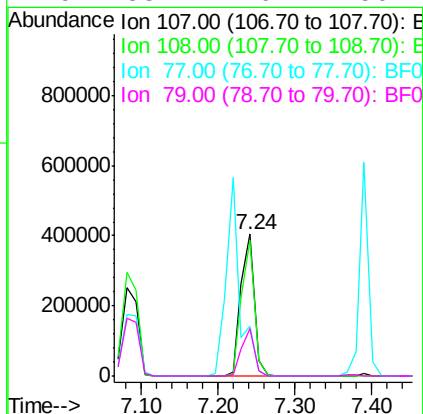


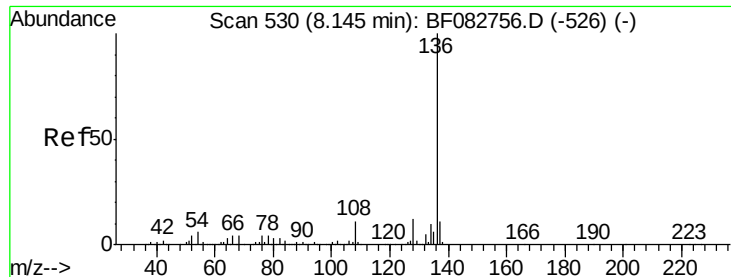
Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM

#20
3+4-Methylphenols
Concen: 23.60 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.6	67.3	107.3
77	35.7	100.3	140.3#
79	33.2	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF082908.D

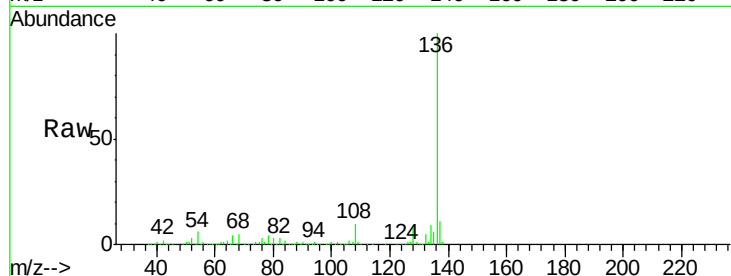
Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS



Tgt Ion:136 Resp: 996849

Ion Ratio Lower Upper

136 100

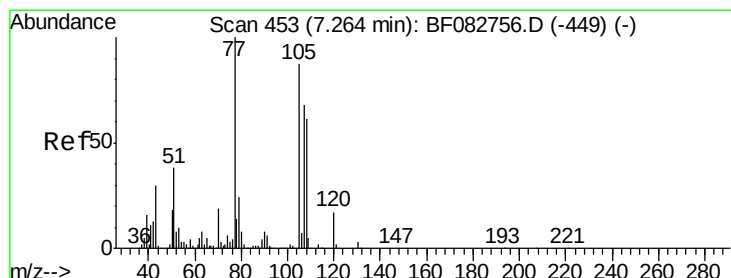
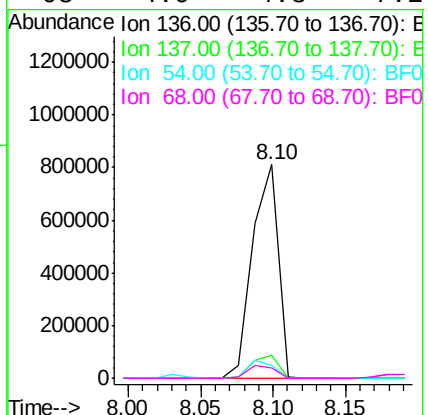
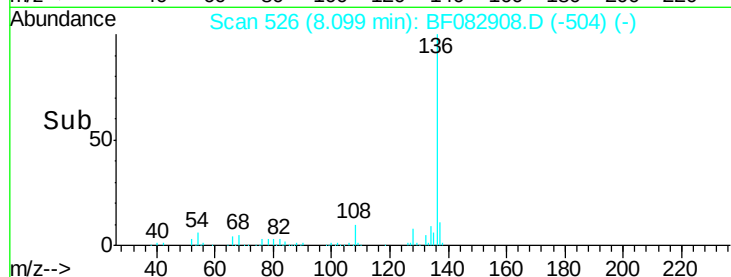
137 10.7 9.1 13.7

54 6.3 9.1 13.7#

68 4.9 4.8 7.2

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM



#22

Acetophenone

Concen: 23.73 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Tgt Ion:105 Resp: 677792

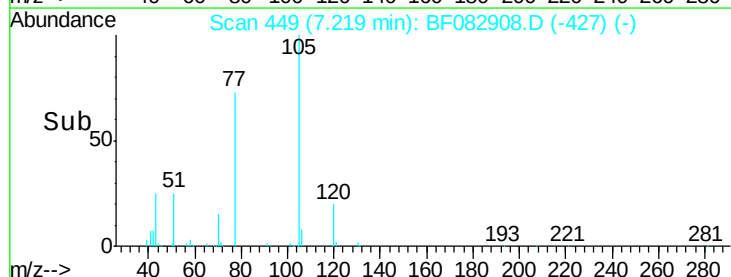
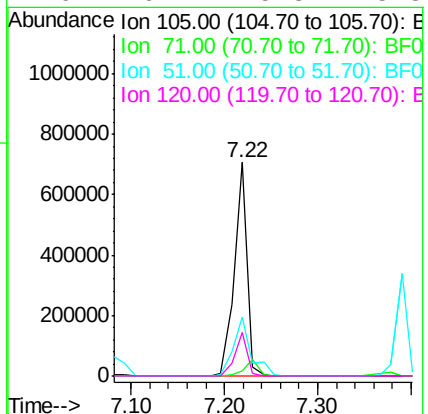
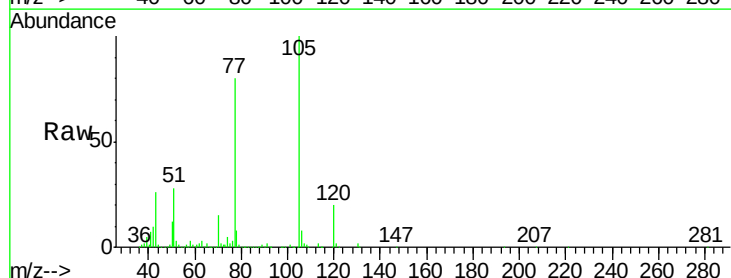
Ion Ratio Lower Upper

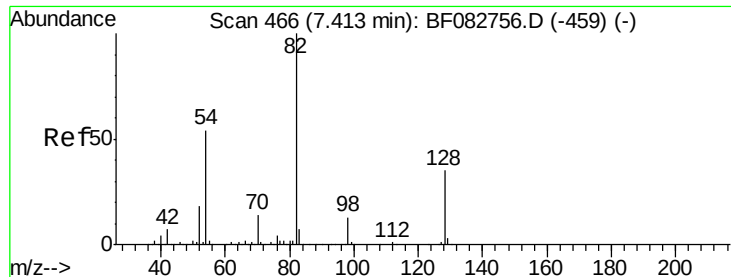
105 100

71 2.5 5.6 8.4#

51 27.7 24.9 37.3

120 20.4 15.8 23.8





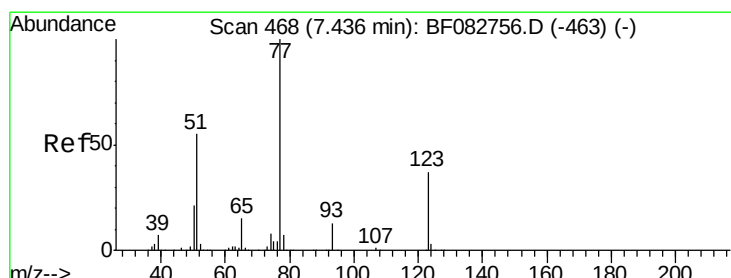
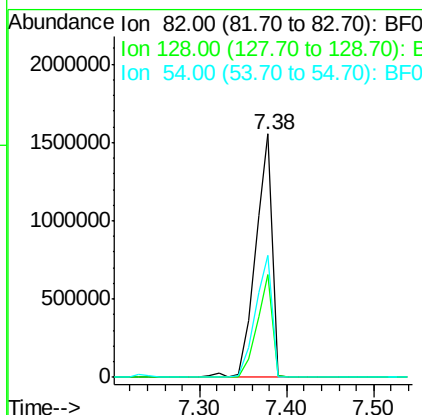
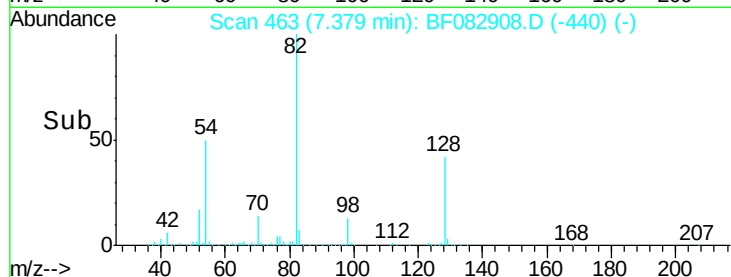
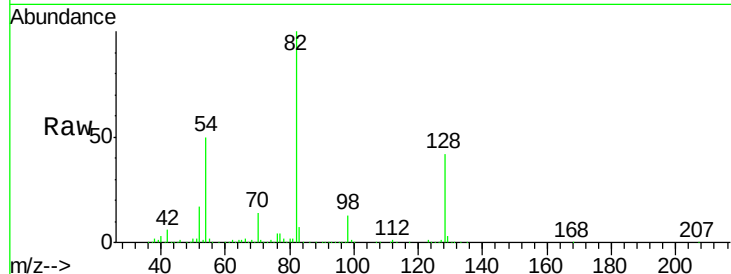
#23
 Nitrobenzene-d5
 Concen: 90.41 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.2	26.8	40.2#
54	50.1	45.7	68.5

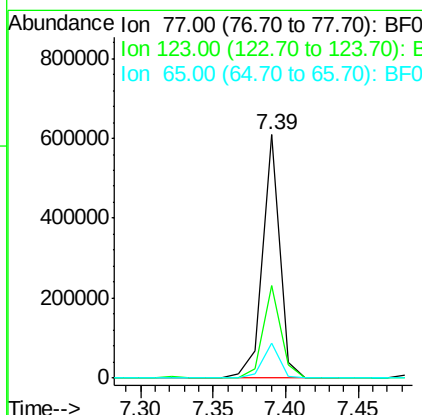
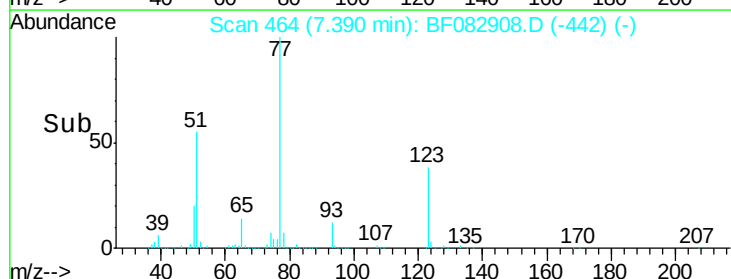
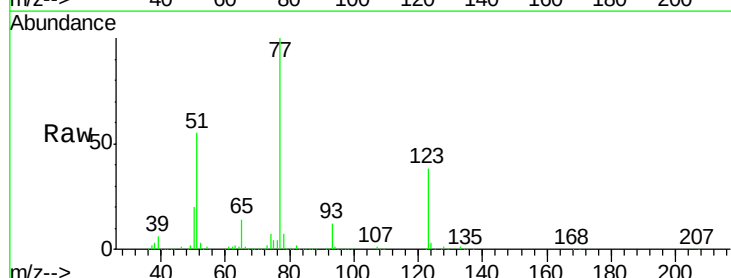
Manual Integrations
 APPROVED

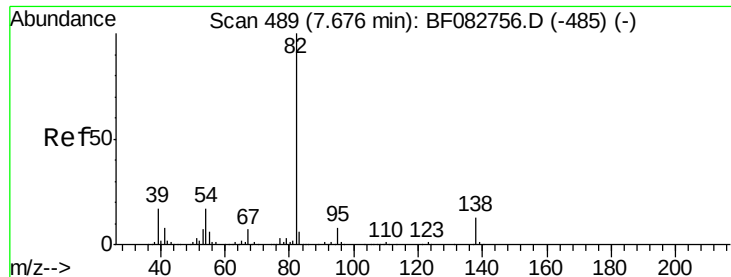
Mmdadoda
 11/16/2015 12:44:02 PM



#24
 Nitrobenzene
 Concen: 21.37 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.9	36.4	54.6
65	14.4	11.5	17.3





#25

Isophorone

Concen: 20.28 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF082908.D

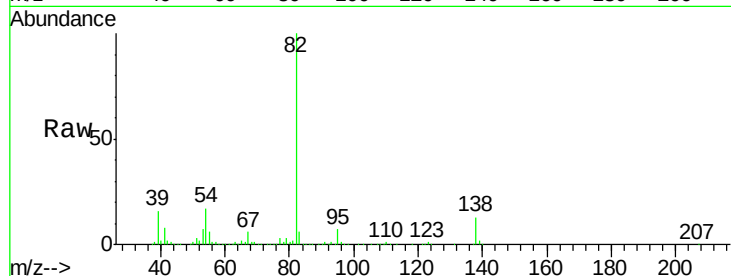
Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS



Tgt Ion: 82 Resp: 859536

Ion Ratio Lower Upper

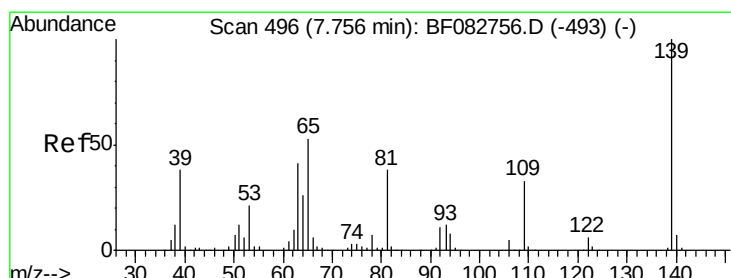
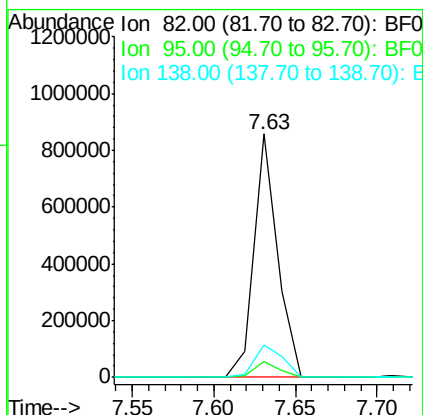
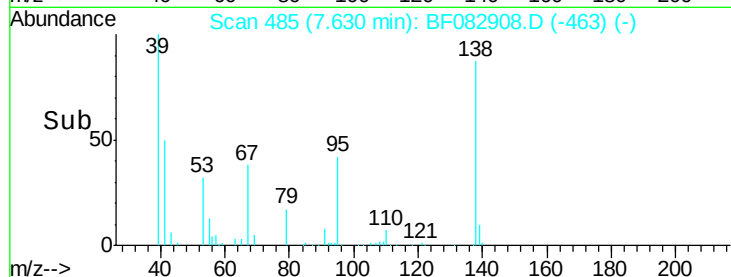
82 100

95 6.5 6.6 9.8#

138 13.4 11.4 17.0

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM



#26

2-Nitrophenol

Concen: 24.98 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

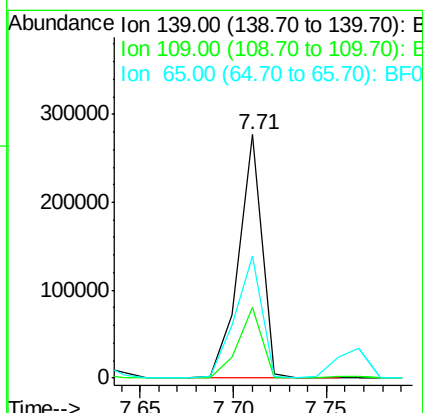
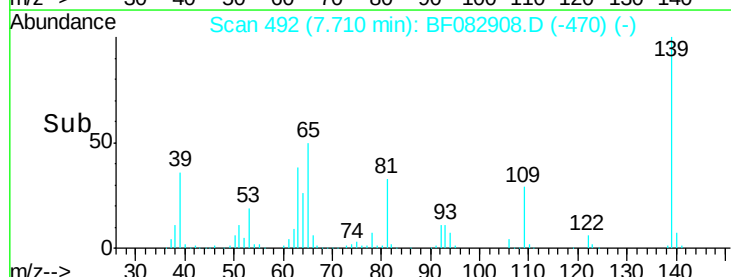
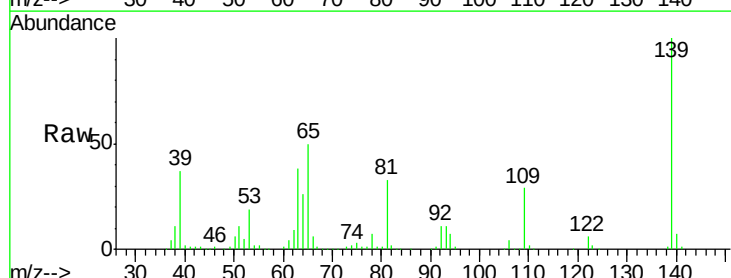
Tgt Ion: 139 Resp: 244290

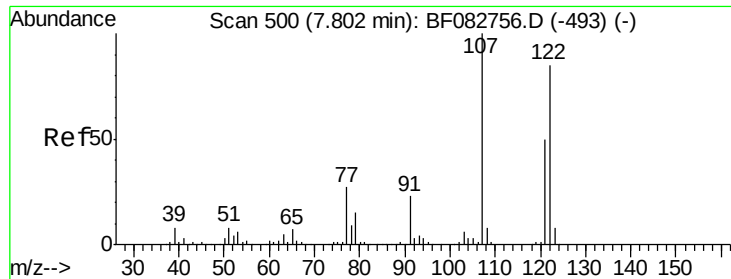
Ion Ratio Lower Upper

139 100

109 28.9 37.6 56.4#

65 49.9 70.6 105.8#





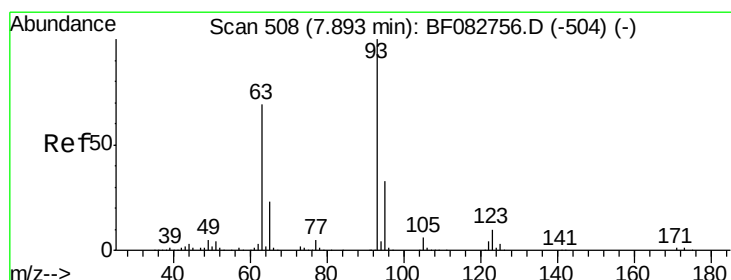
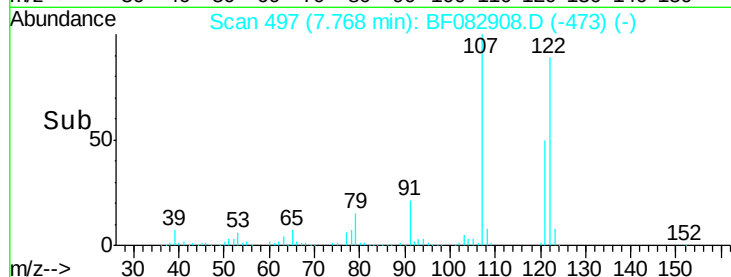
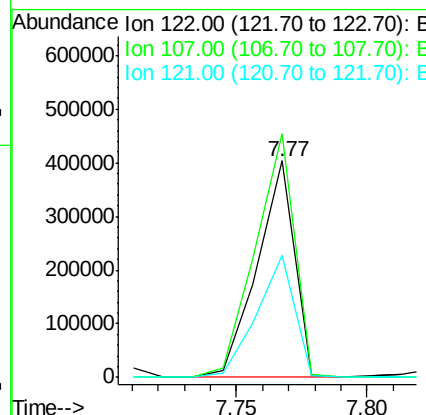
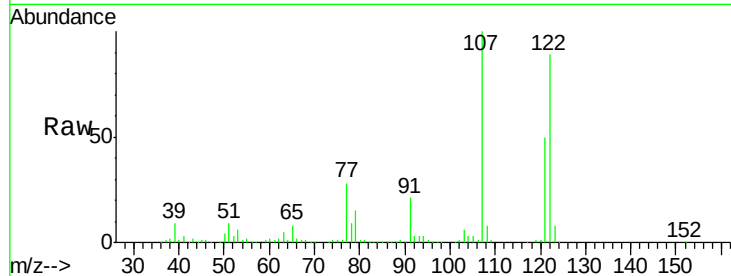
#27
 2,4-Dimethylphenol
 Concen: 23.23 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.02 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	408181		
107	112.5	106.0	159.0	
121	56.4	46.7	70.1	

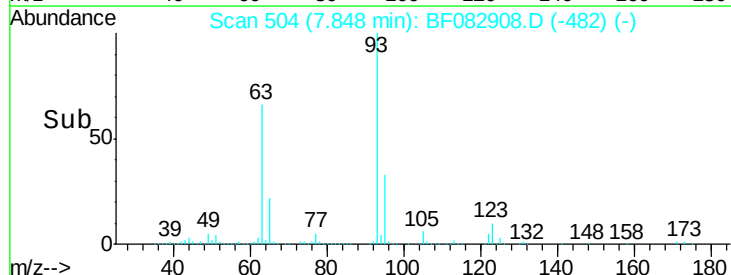
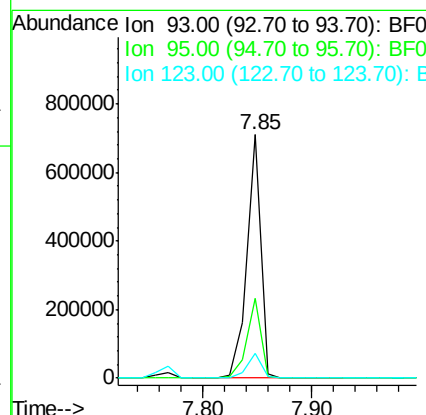
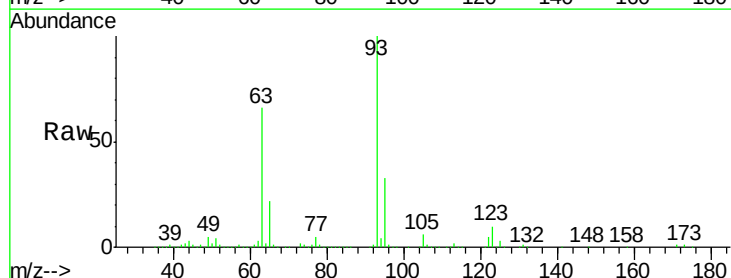
Manual Integrations
 APPROVED

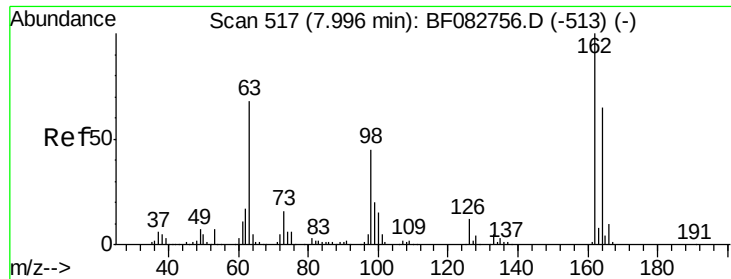
Mmdadoda
 11/16/2015 12:44:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 25.78 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	616491		
95	32.6	26.6	40.0	
123	10.2	9.7	14.5	





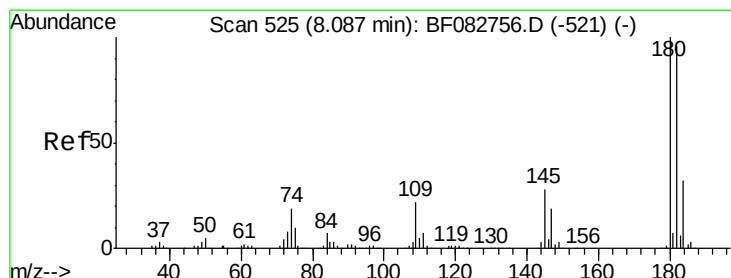
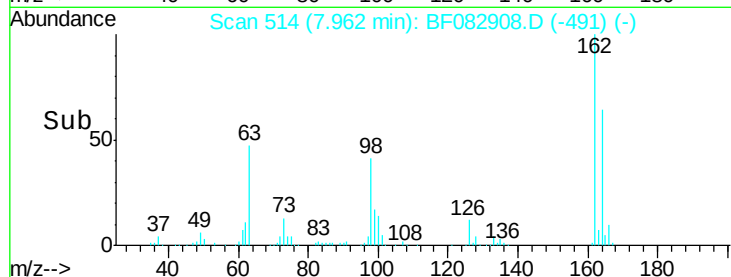
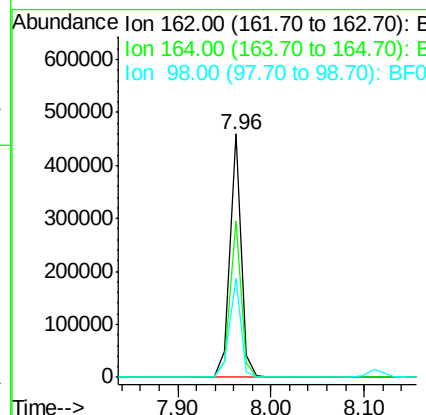
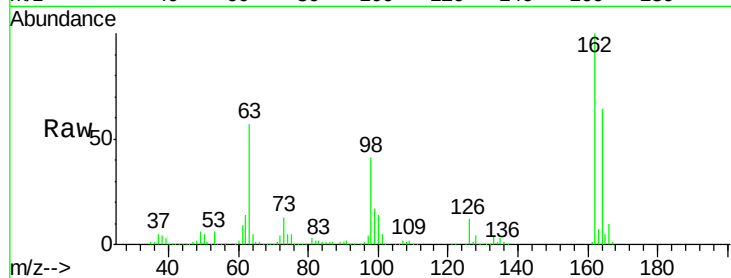
#29
2,4-Dichlorophenol
Concen: 24.12 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	383053		
164	64.1	46.8	86.8	
98	40.6	12.5	52.5	

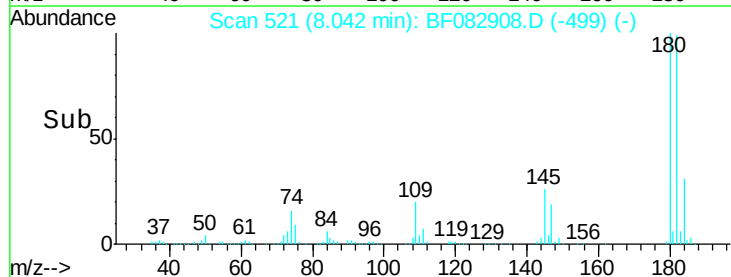
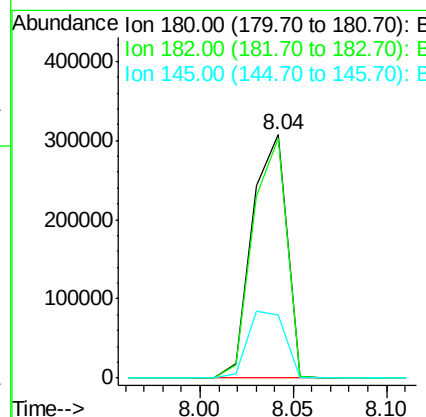
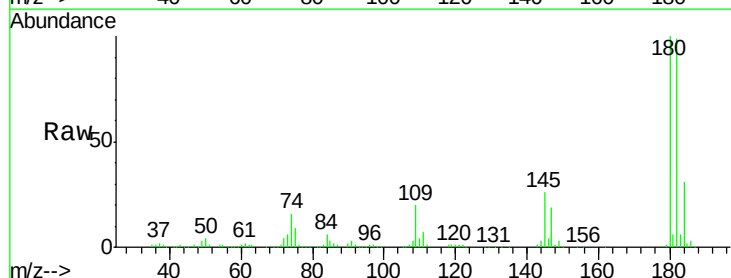
Manual Integrations
APPROVED

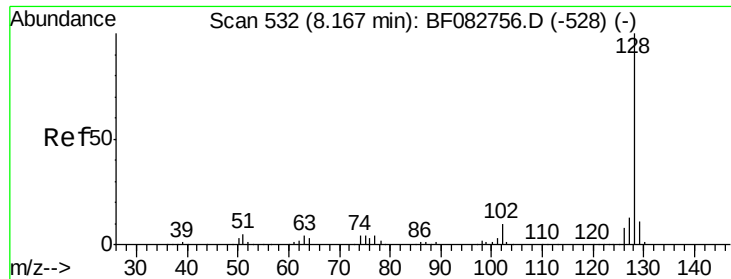
Mmdadoda
11/16/2015 12:44:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 21.89 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	390851		
182	98.5	74.9	112.3	
145	25.9	27.8	41.8#	





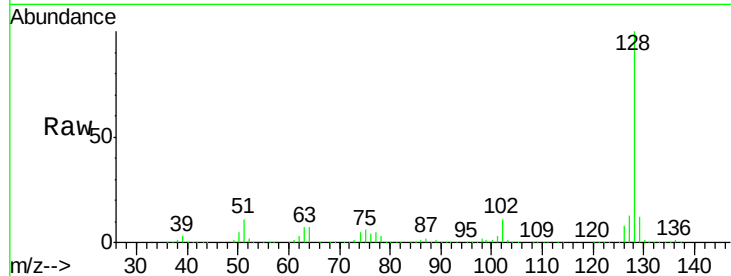
#31
Naphthalene
Concen: 20.96 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

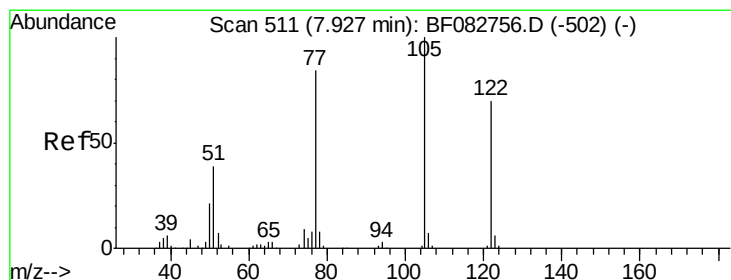
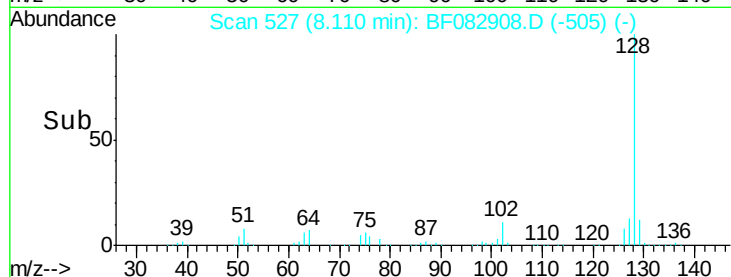
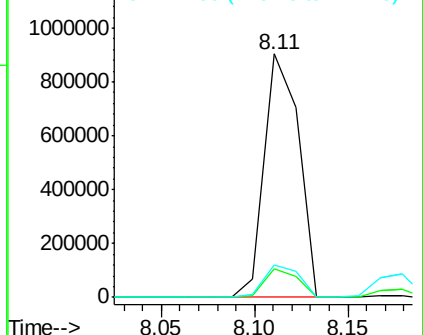
Tgt Ion:128 Resp: 1152998
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.4 11.4 17.0

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM

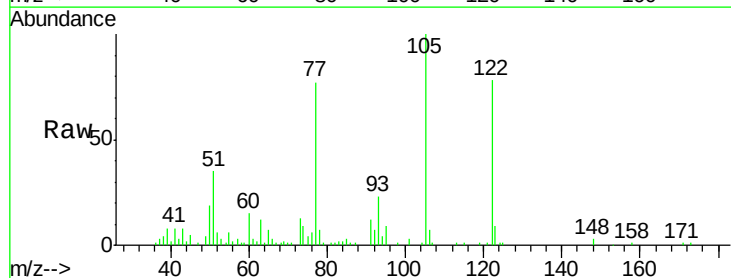


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

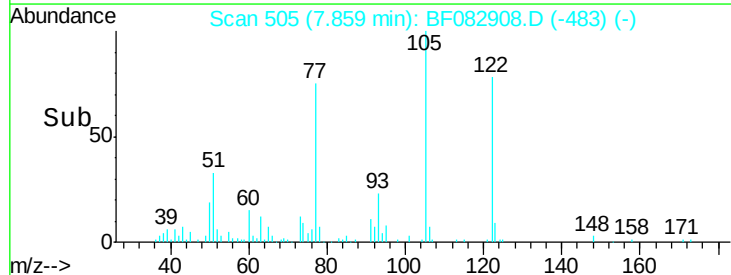
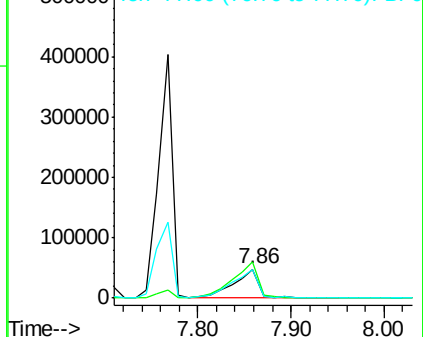


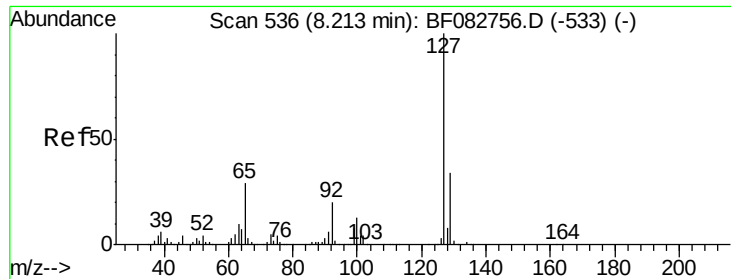
#32
Benzoic acid
Concen: 7.80 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion:122 Resp: 93835
Ion Ratio Lower Upper
122 100
105 127.5 122.6 162.6
77 98.1 100.9 140.9#



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





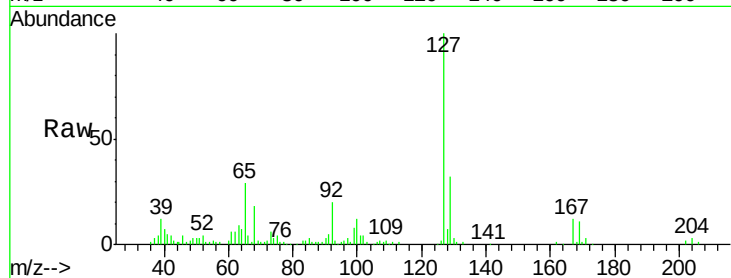
#33
 4-Chloroaniline
 Concen: 5.84 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

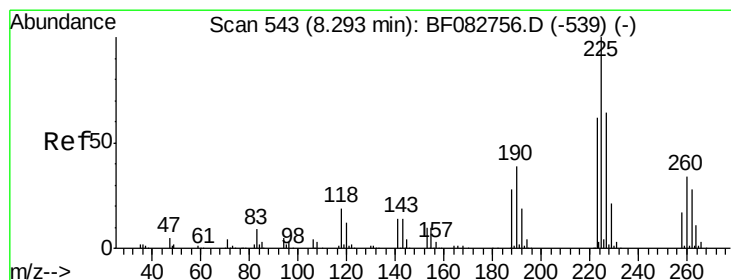
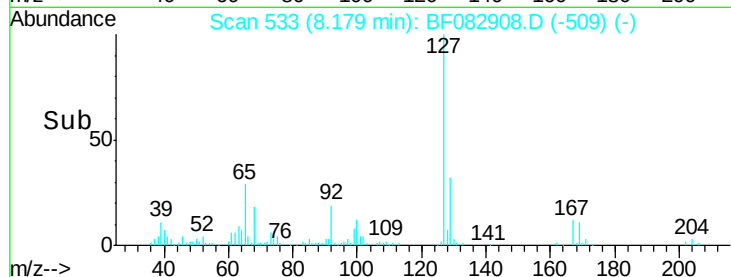
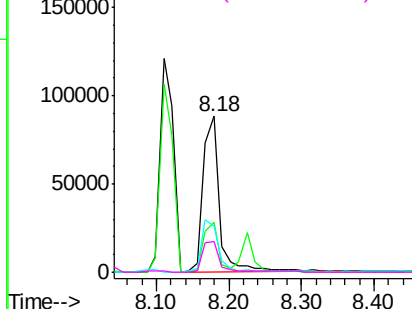
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.3	39.5	
65	29.4	37.8	56.8	
92	19.7	20.6	31.0	

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:02 PM

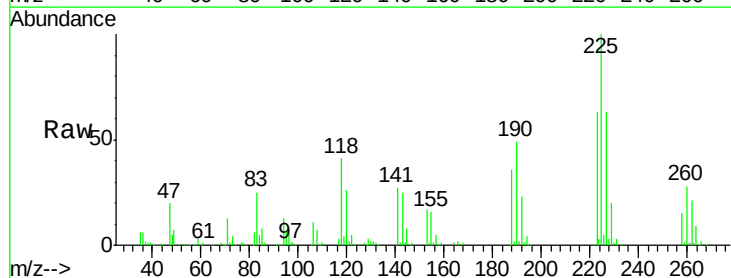


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

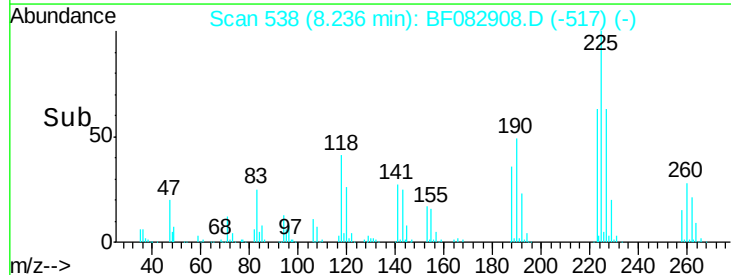
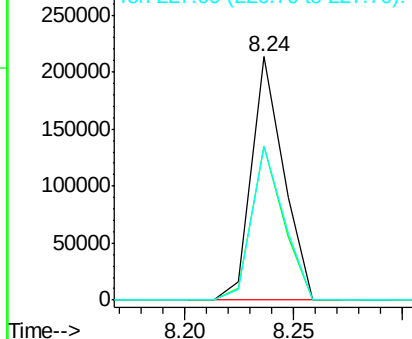


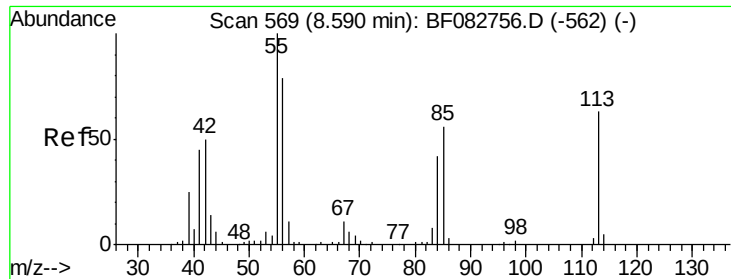
#34
 Hexachlorobutadiene
 Concen: 19.63 ng
 RT: 8.24 min Scan# 538
 Delta R.T. -0.06 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.5	75.7	
227	63.4	50.2	75.2	



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





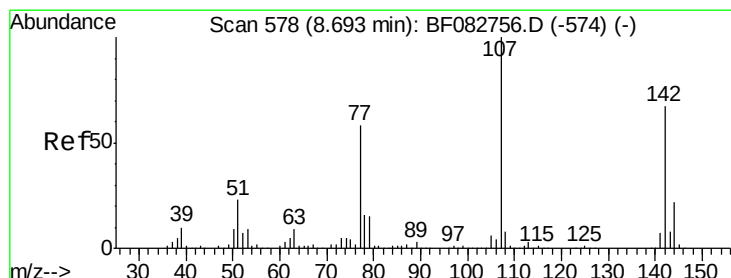
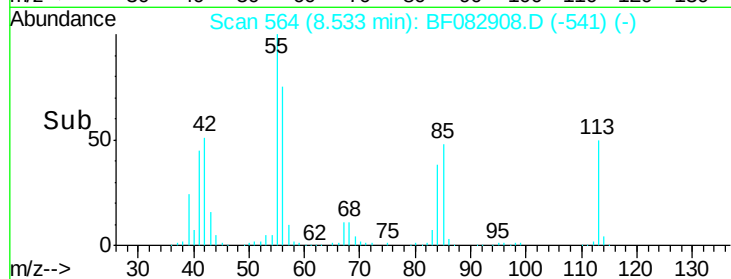
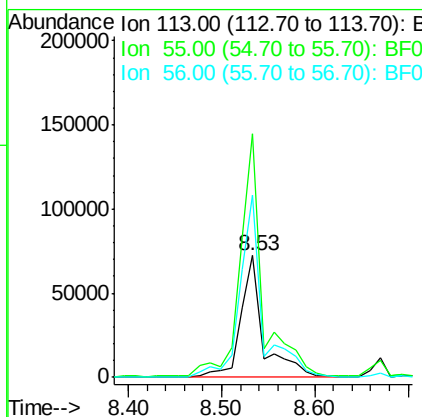
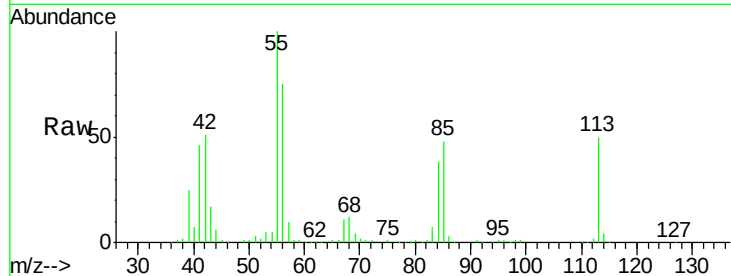
#35
 Caprolactam
 Concen: 24.28 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	199.8	121545	195.5	235.5
56	149.3		153.5	193.5#

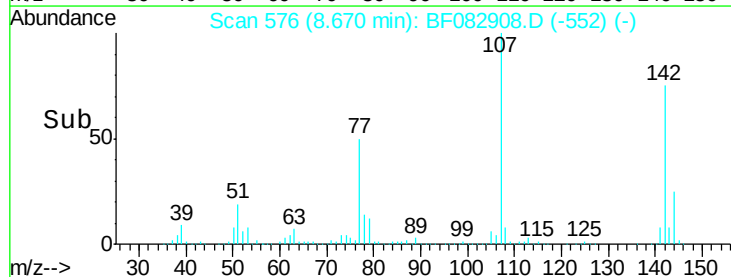
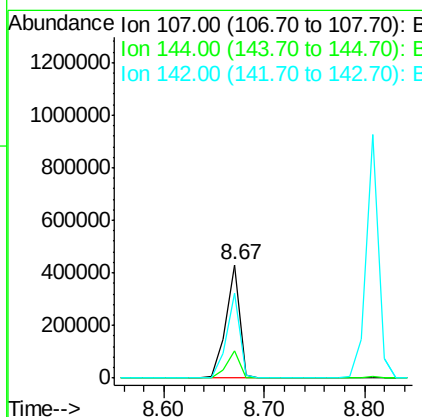
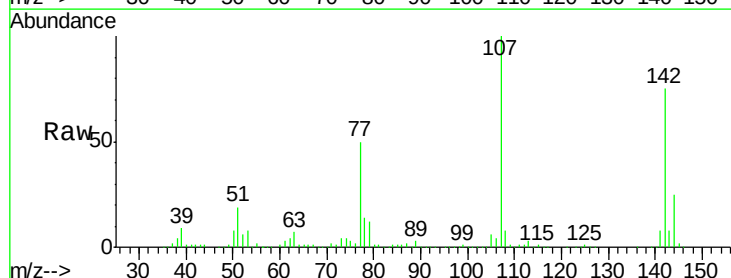
Manual Integrations
 APPROVED

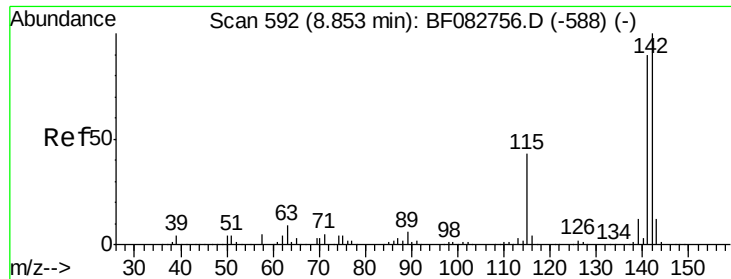
Mmdadoda
 11/16/2015 12:44:02 PM



#36
 4-Chloro-3-methylphenol
 Concen: 22.21 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

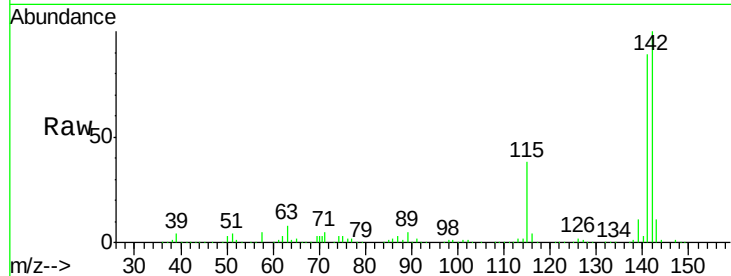
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	414794		
144	24.6		15.4	23.0#
142	75.0		47.8	71.8#





#37
2-Methylnaphthalene
Concen: 22.31 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

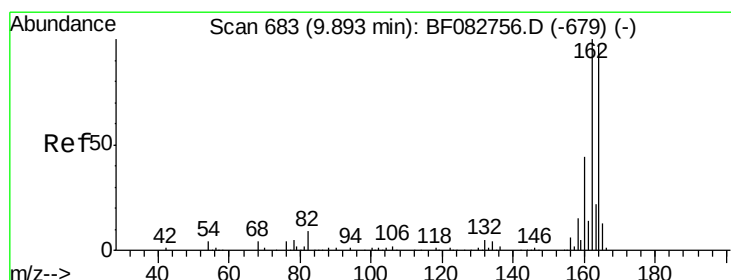
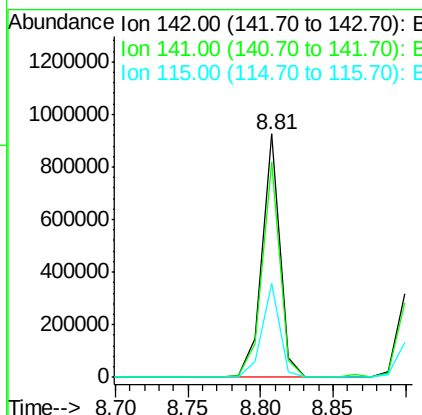
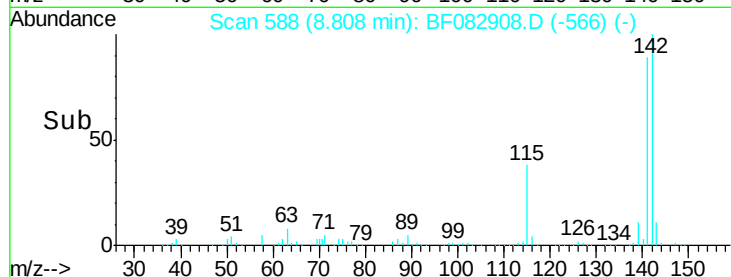
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS



Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.3	108.5
115	38.4	38.1	57.1

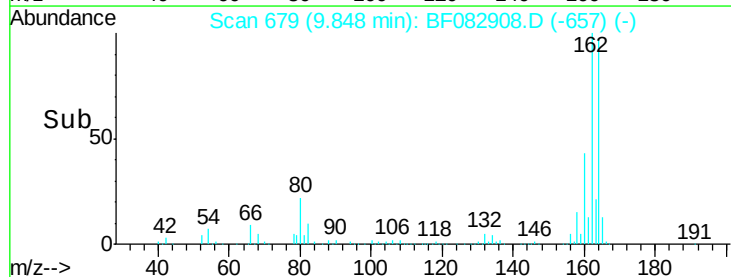
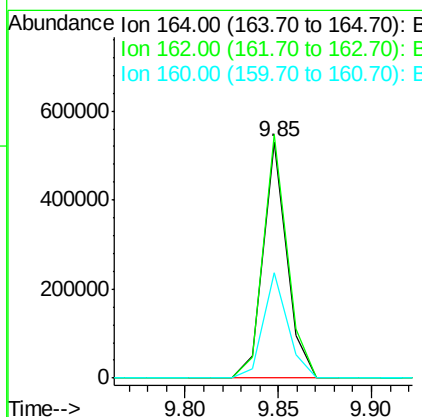
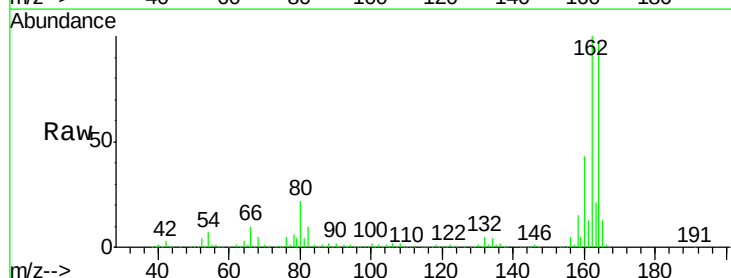
Manual Integrations
APPROVED

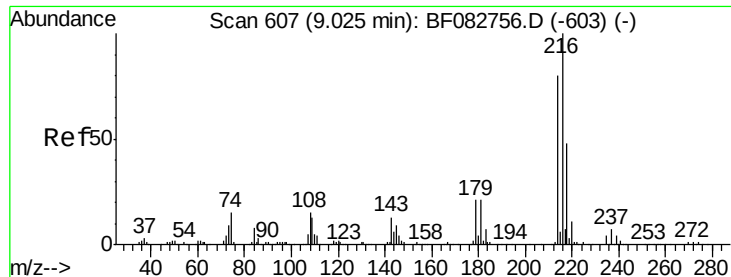
Mmdadoda
11/16/2015 12:44:02 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	84.9	127.3
160	44.8	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.53 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

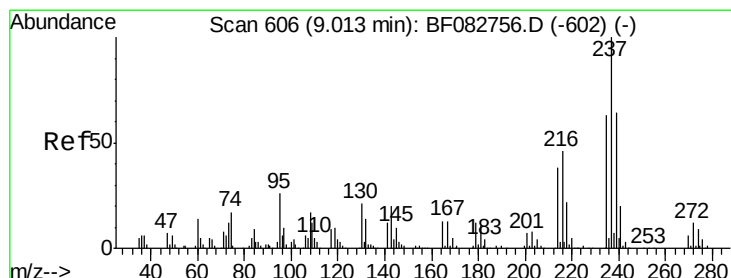
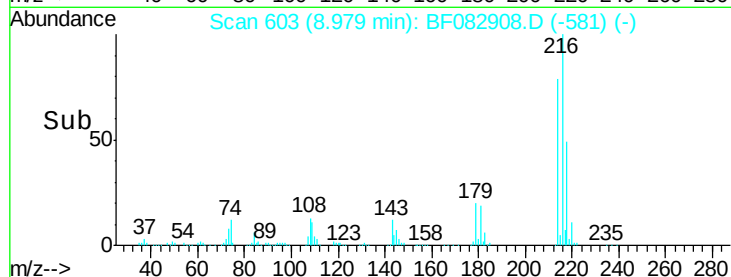
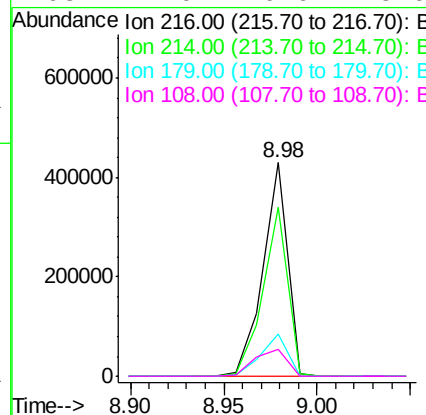
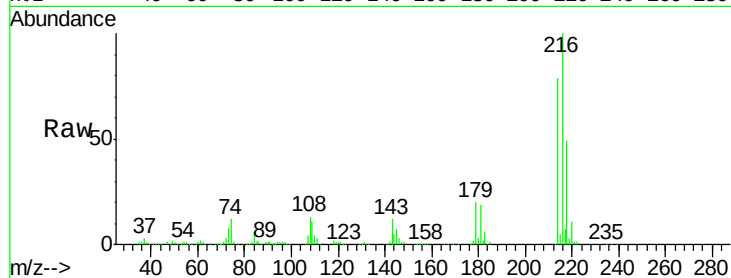
ClientSampleId :

P001-TS003-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	390051		
214	79.6	62.2	93.2	
179	20.9	18.1	27.1	
108	17.0	16.6	25.0	

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM



#40

Hexachlorocyclopentadiene

Concen: 2.51 ng

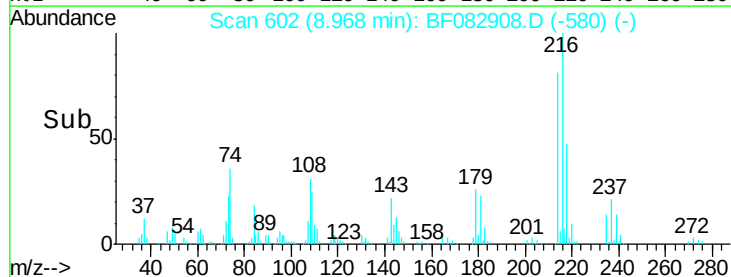
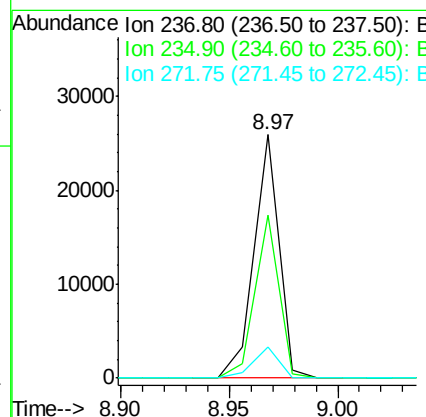
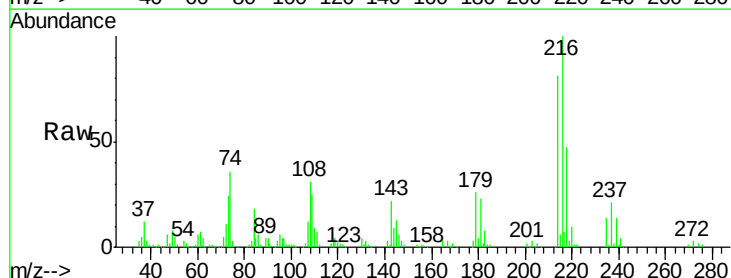
RT: 8.97 min Scan# 602

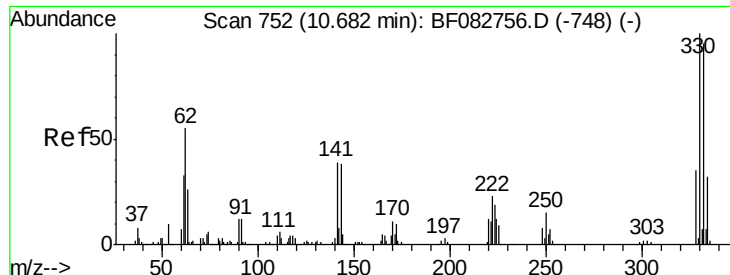
Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	20628		
235	66.9	44.3	84.3	
272	12.6	0.0	31.9	





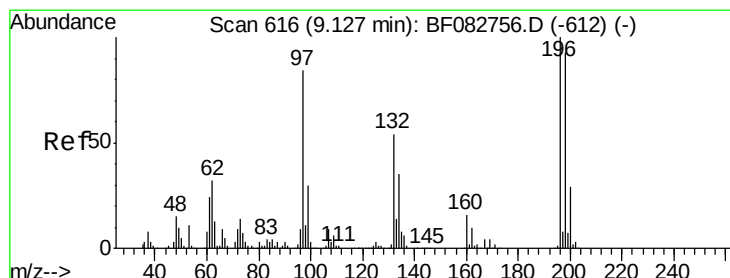
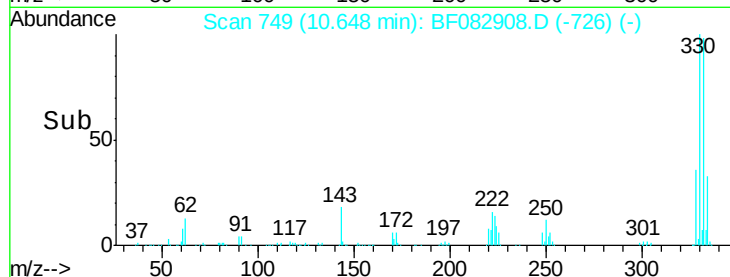
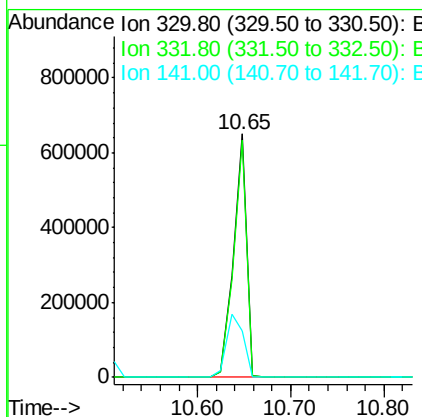
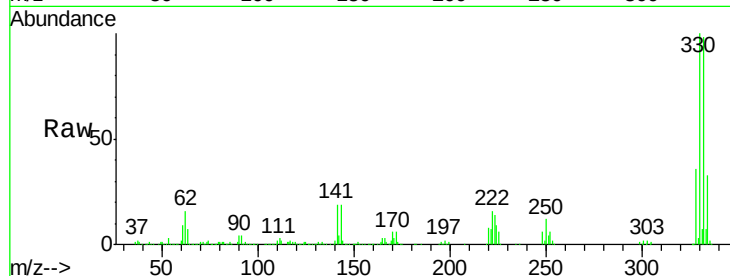
#41
 2,4,6-Tribromophenol
 Concen: 121.64 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	648325		
332	97.3	76.6	114.8	
141	33.1	41.2	61.8#	

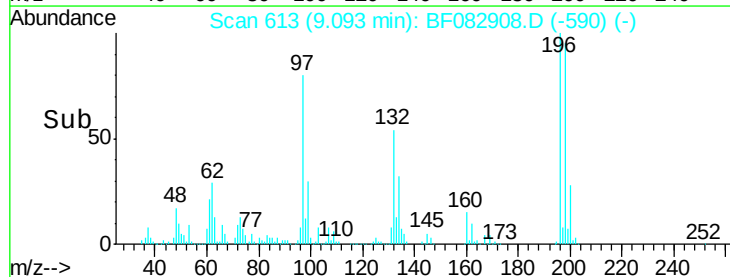
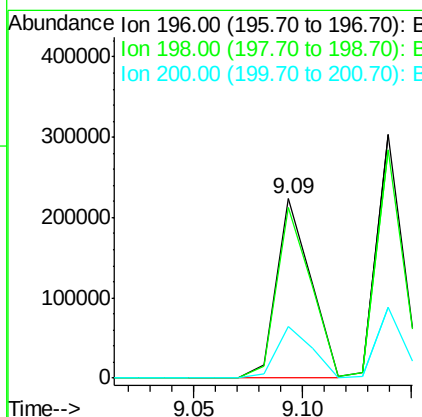
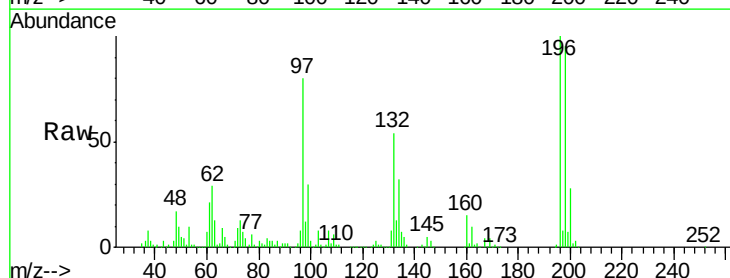
Manual Integrations
 APPROVED

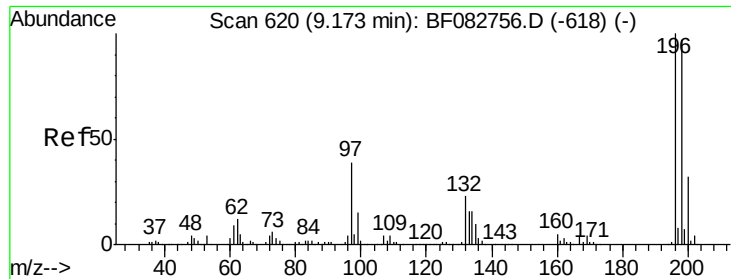
Mmdadoda
 11/16/2015 12:44:02 PM



#42
 2,4,6-Trichlorophenol
 Concen: 21.70 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

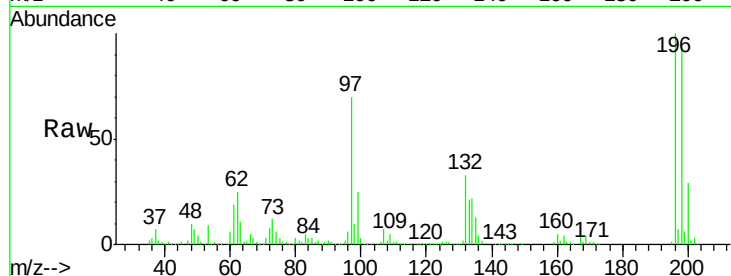
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	247448		
198	95.0	76.3	114.5	
200	28.4	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 23.04 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

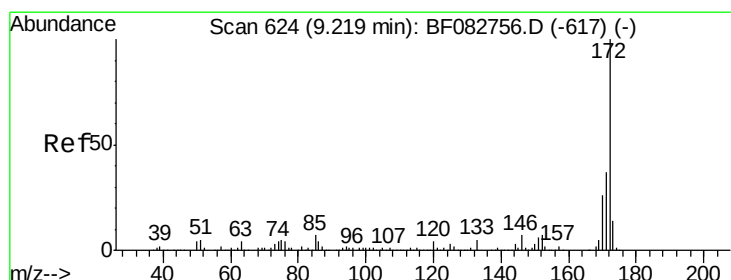
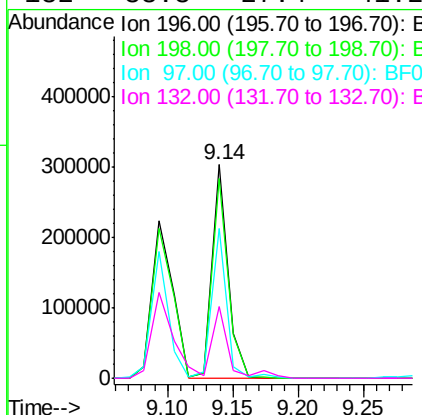
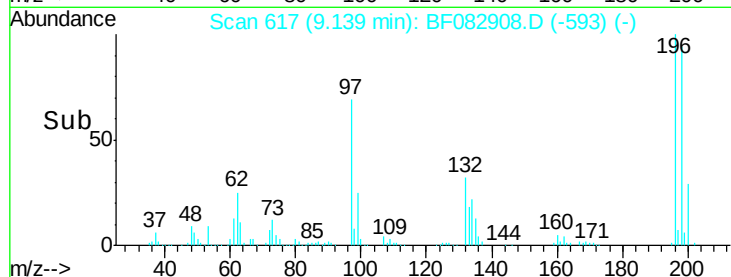
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		259789		
198	93.6	75.8	113.8		
97	70.1	62.3	93.5		
132	33.3	27.4	41.2		

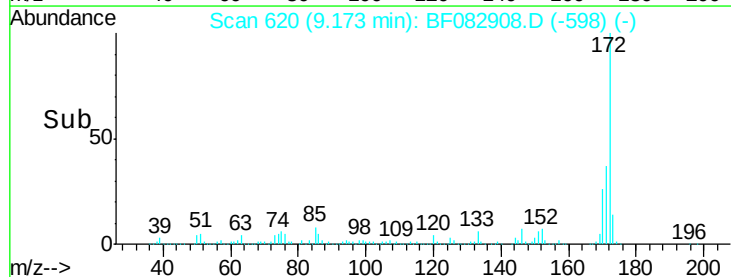
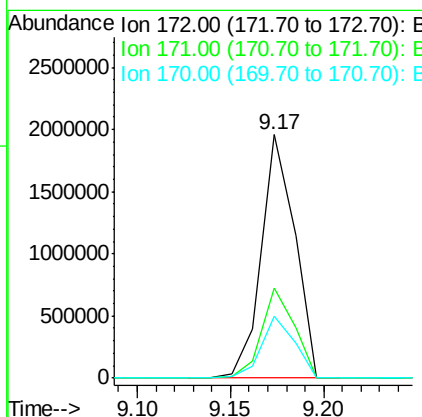
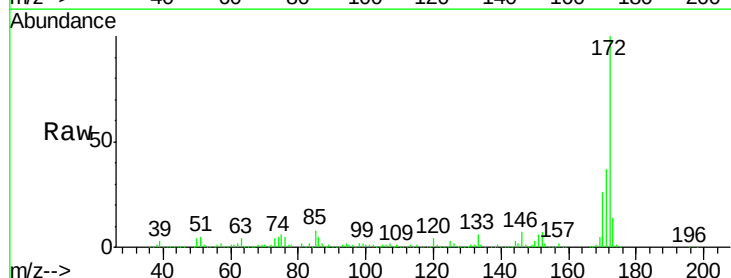
Manual Integrations
 APPROVED

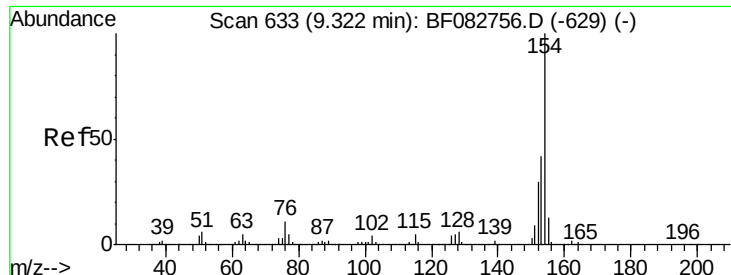
Mmdadoda
 11/16/2015 12:44:02 PM



#44
 2-Fluorobiphenyl
 Concen: 74.94 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2430347		
171	37.1	30.8	46.2		
170	25.6	21.2	31.8		





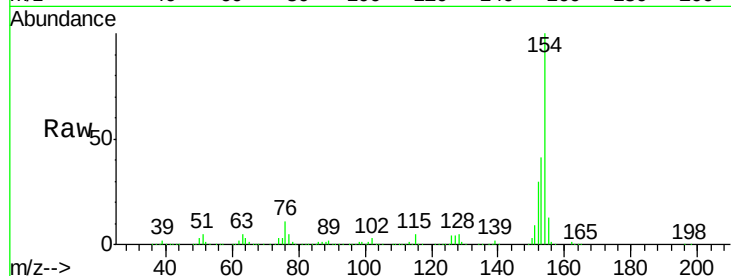
#45
 1,1'-Biphenyl
 Concen: 25.18 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

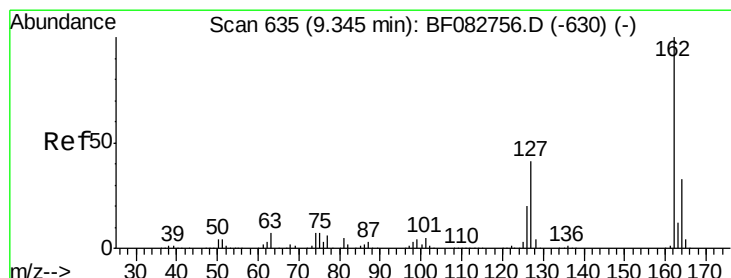
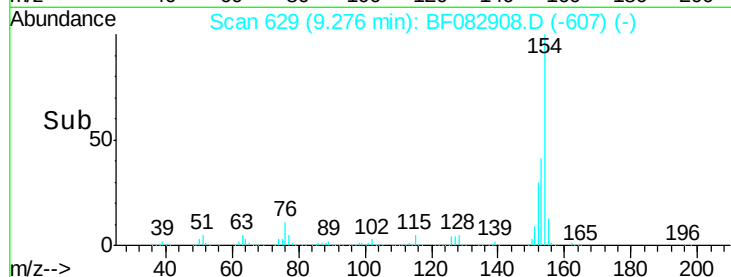
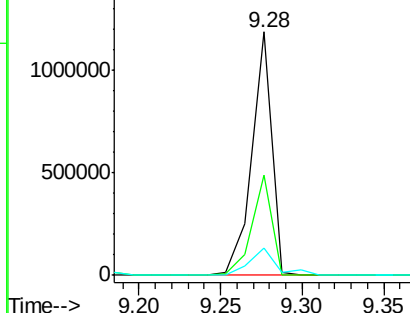
Tgt Ion:154 Resp: 1004458
 Ion Ratio Lower Upper
 154 100
 153 41.3 22.0 62.0
 76 11.3 0.0 29.0

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:02 PM

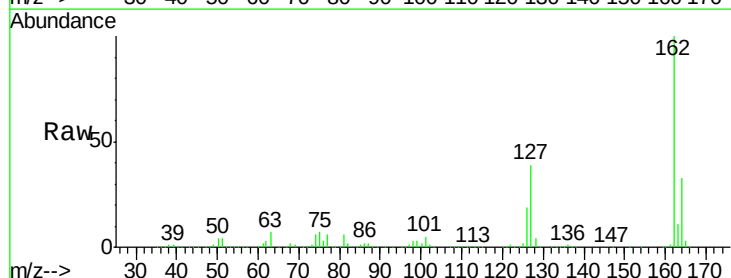


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

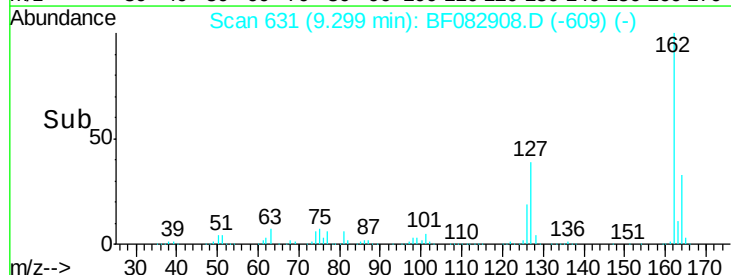
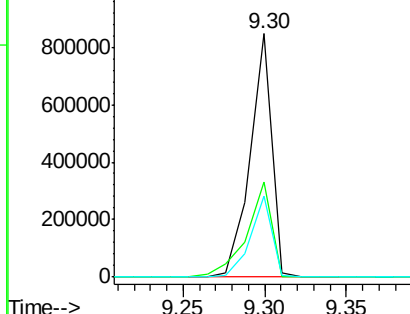


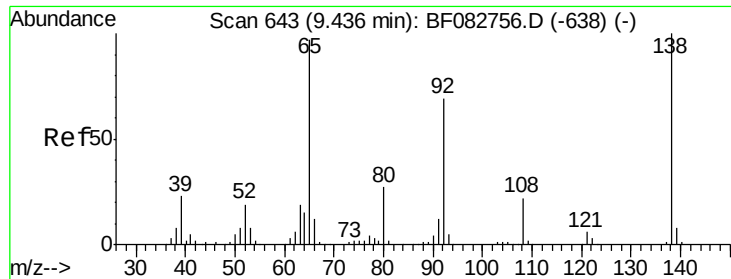
#46
 2-Chloronaphthalene
 Concen: 25.01 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion:162 Resp: 778062
 Ion Ratio Lower Upper
 162 100
 127 38.8 32.7 49.1
 164 33.2 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





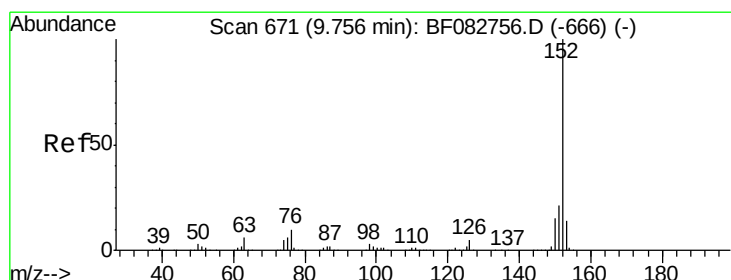
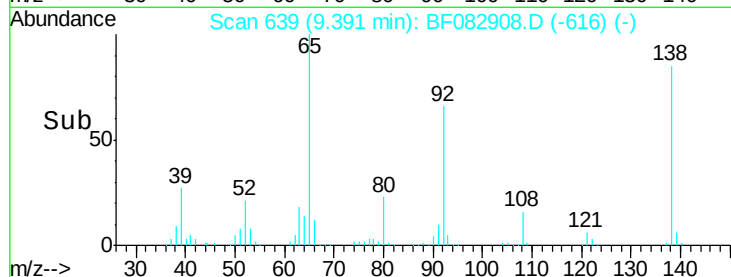
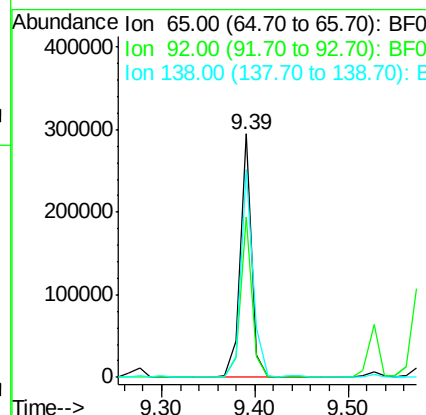
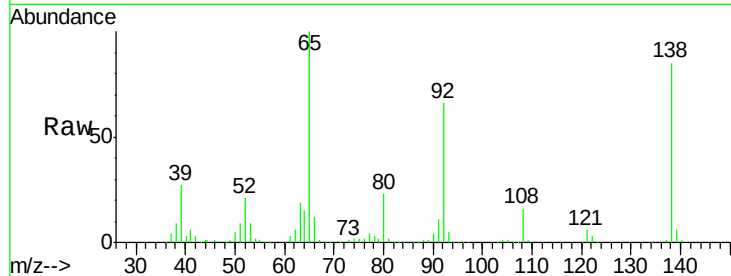
#47
2-Nitroaniline
Concen: 22.13 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	46.6	70.0
138	85.3	54.6	81.8

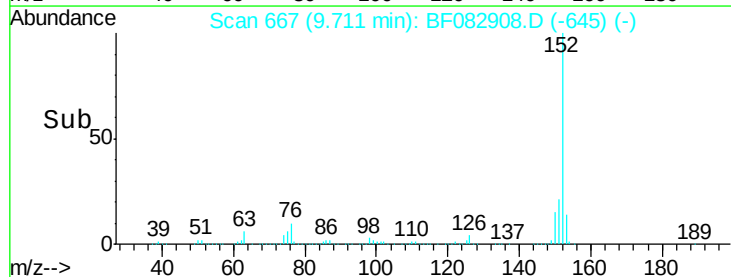
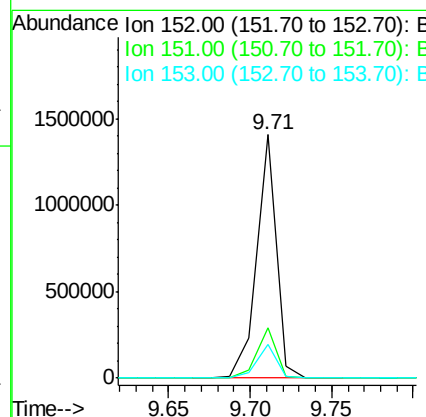
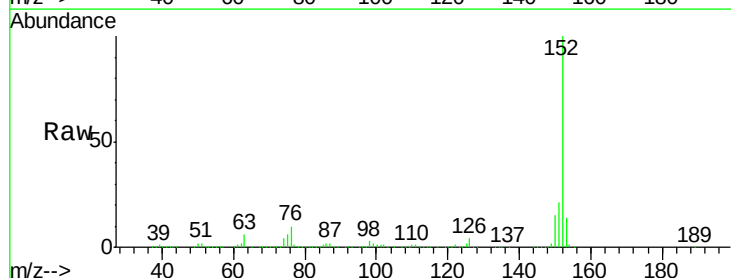
Manual Integrations
APPROVED

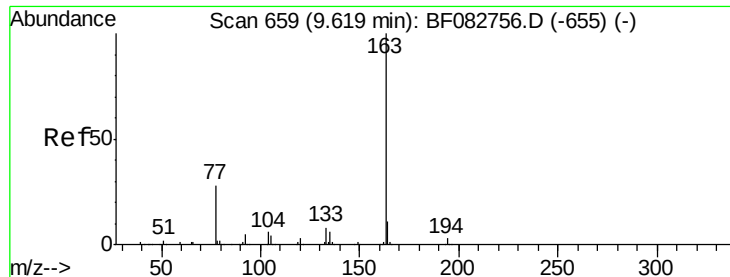
Mmdadoda
11/16/2015 12:44:02 PM



#48
Acenaphthylene
Concen: 24.18 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.3	25.9
153	13.8	11.3	16.9





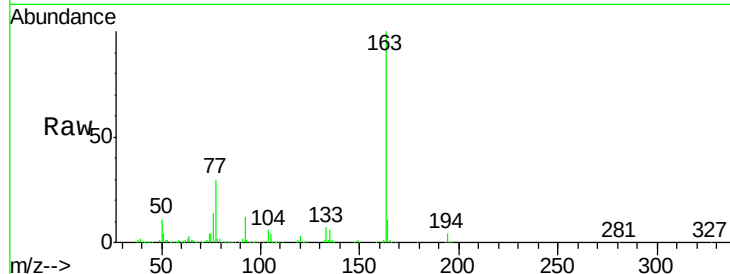
#49
Dimethylphthalate
Concen: 32.24 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

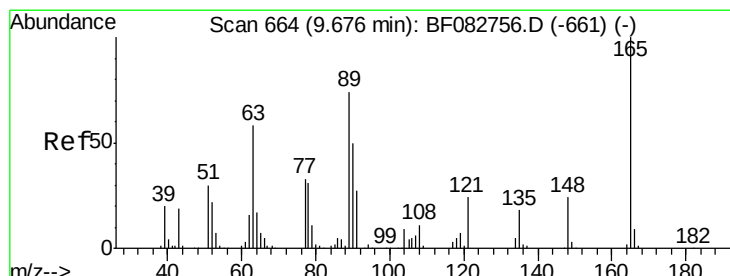
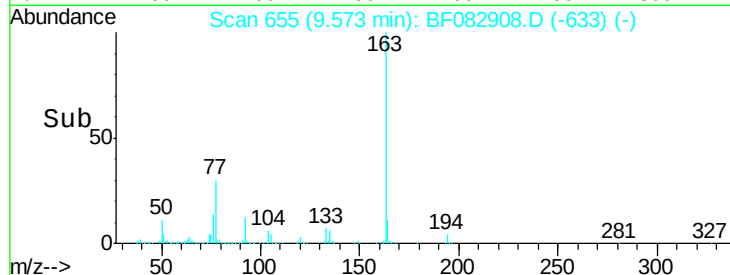
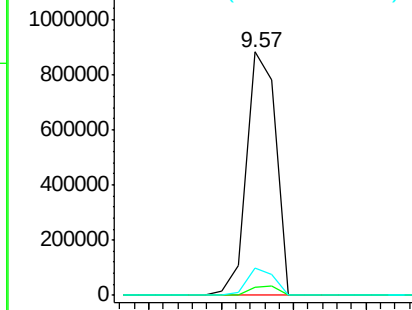
Tgt Ion:163 Resp: 1227667
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 11.0 8.7 13.1

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM

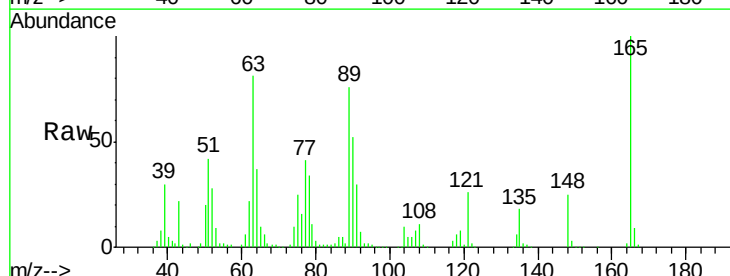


Abundance Ion 163.00 (162.70 to 163.70): E
1200000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

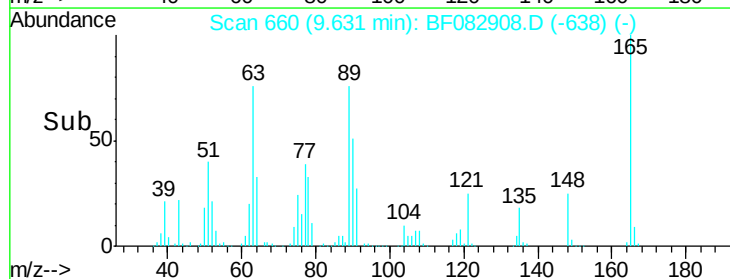
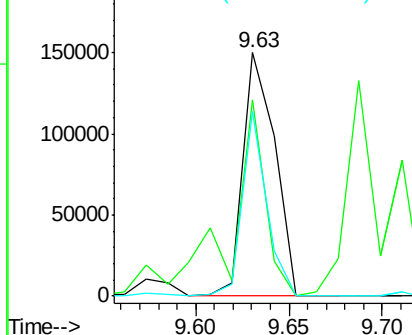


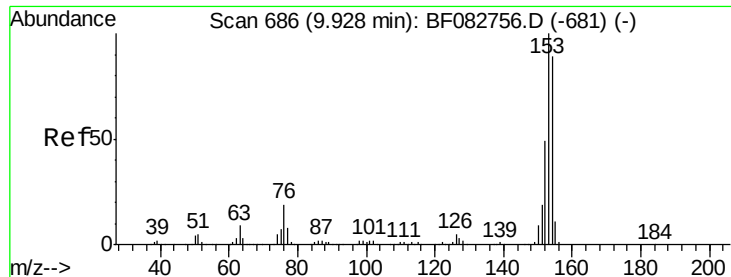
#50
2,6-Dinitrotoluene
Concen: 21.79 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion:165 Resp: 177031
Ion Ratio Lower Upper
165 100
63 80.6 55.5 83.3
89 76.1 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E
200000
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 23.08 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082908.D

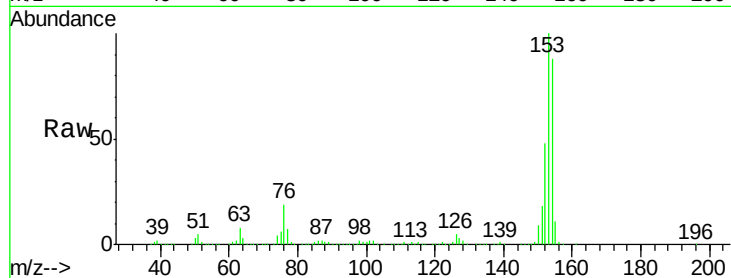
Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS



Tgt Ion:154 Resp: 713336

Ion Ratio Lower Upper

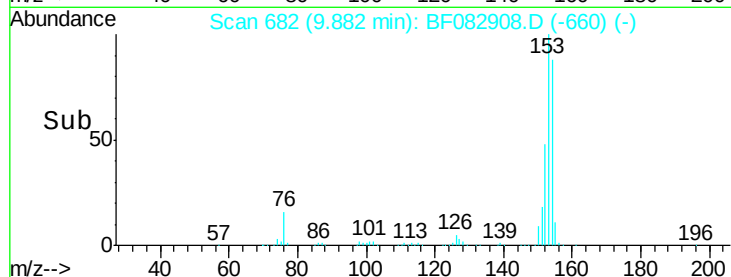
154 100

153 114.2 90.1 135.1

152 54.5 44.3 66.5

Manual Integrations
APPROVED

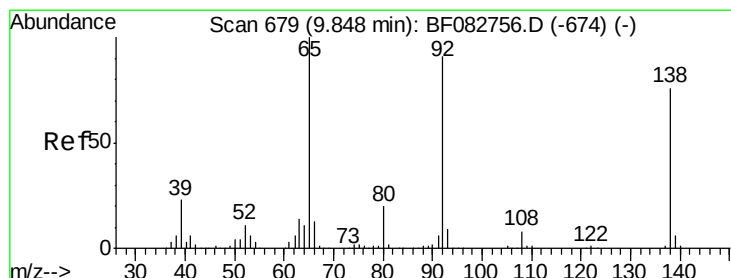
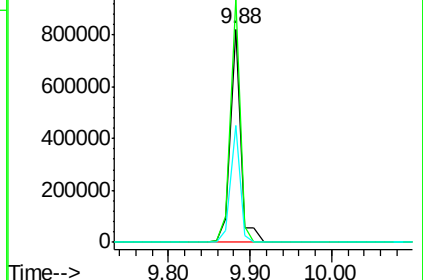
Mmdadoda
11/16/2015 12:44:02 PM



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: 11.74 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

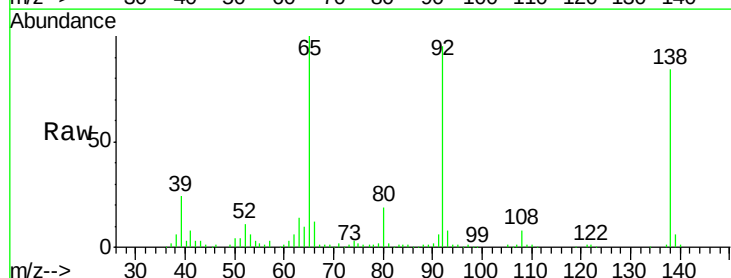
Tgt Ion:138 Resp: 104888

Ion Ratio Lower Upper

138 100

108 9.6 11.3 16.9#

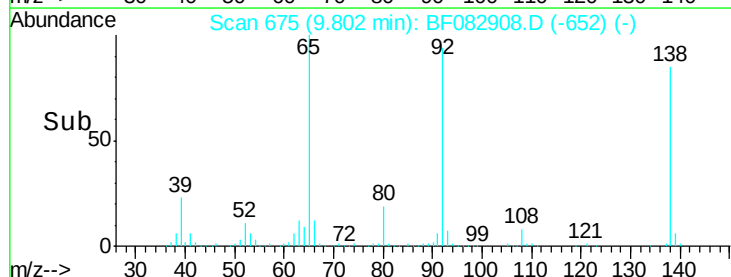
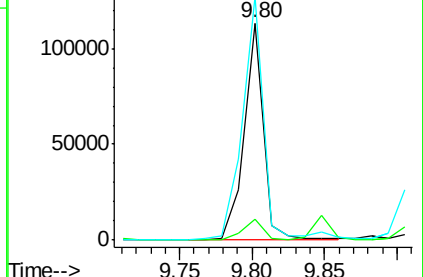
92 112.1 122.4 183.6#

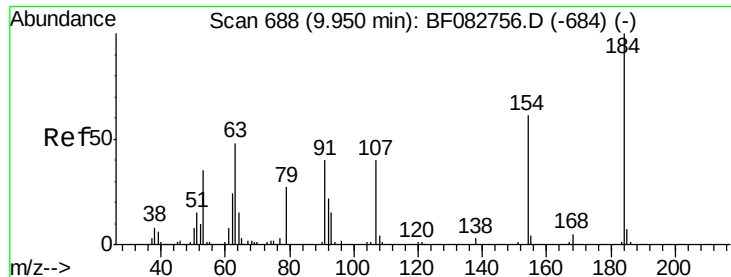


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

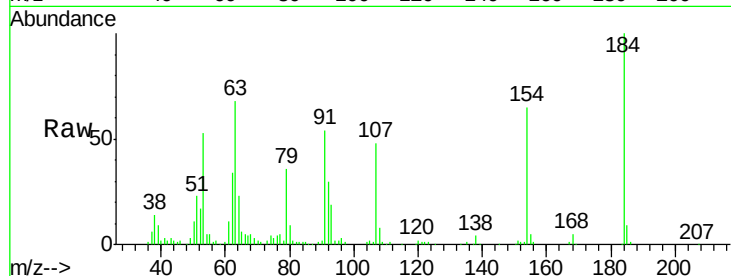
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 16.11 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

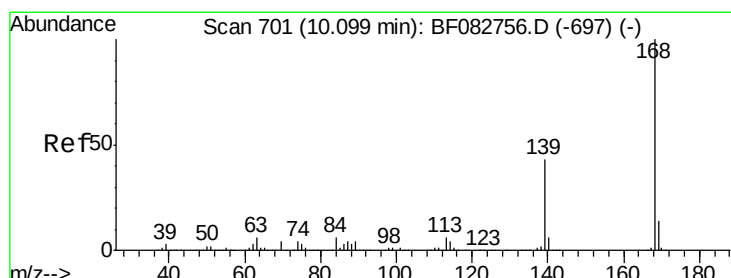
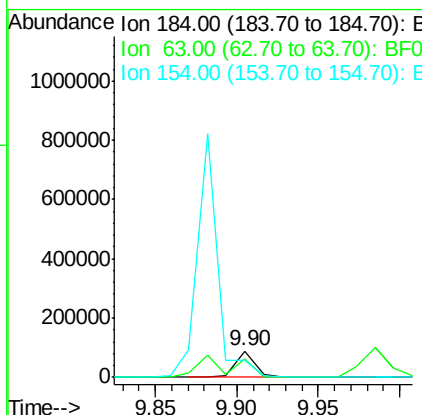
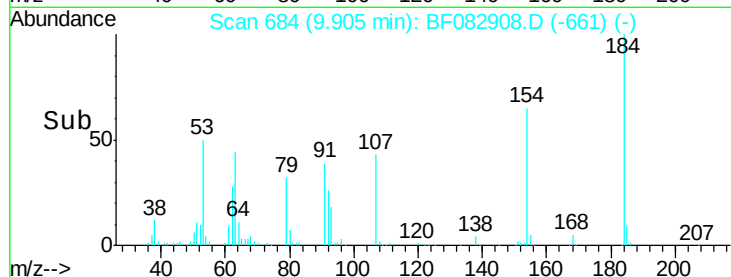
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS



Tgt Ion:184 Resp: 71871
Ion Ratio Lower Upper
184 100
63 68.1 98.6 148.0#
154 65.2 183.9 275.9#

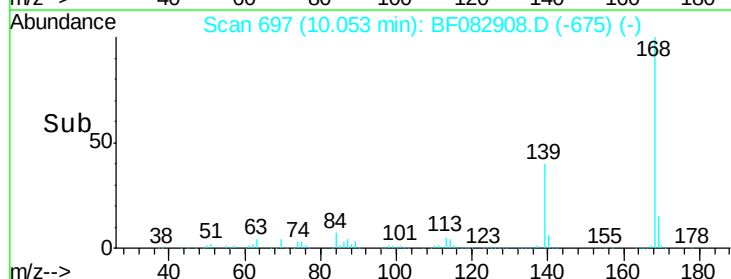
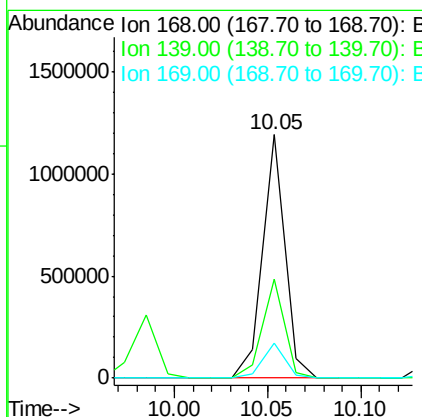
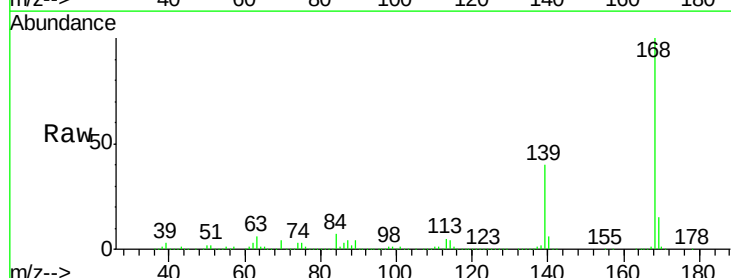
Manual Integrations
APPROVED

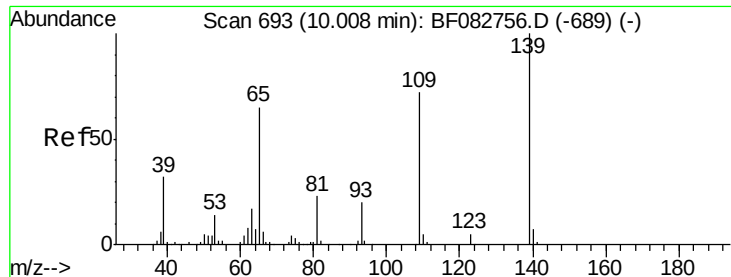
Mmdadoda
11/16/2015 12:44:02 PM



#54
Dibenzofuran
Concen: 23.57 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion:168 Resp: 981938
Ion Ratio Lower Upper
168 100
139 40.4 37.8 56.6
169 14.6 11.3 16.9





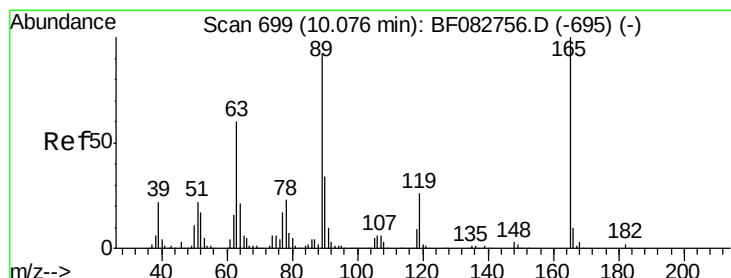
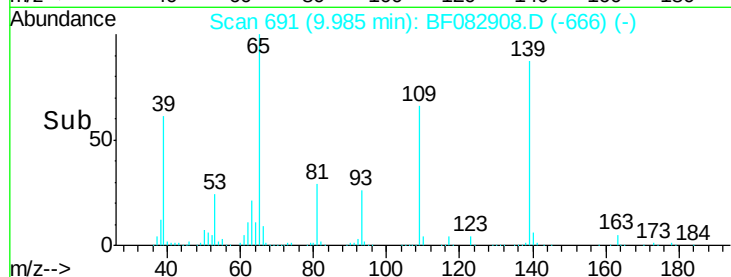
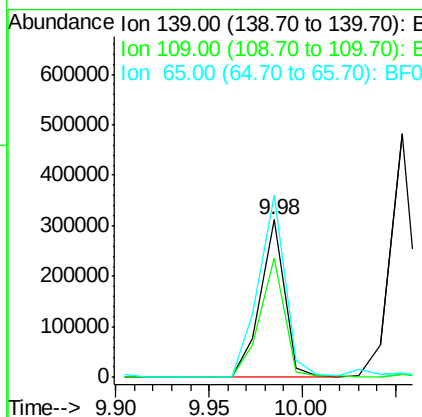
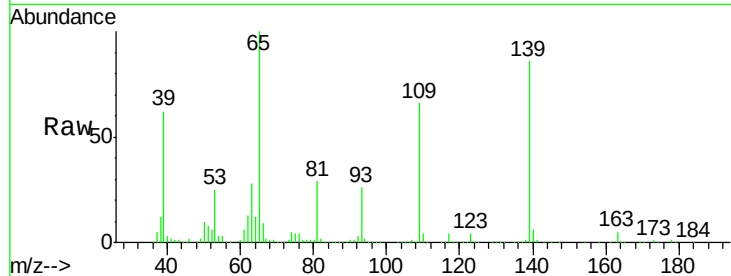
#55
4-Nitrophenol
Concen: 41.46 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	284275		
109	76.0	73.7	113.7	
65	115.7	82.9	122.9	

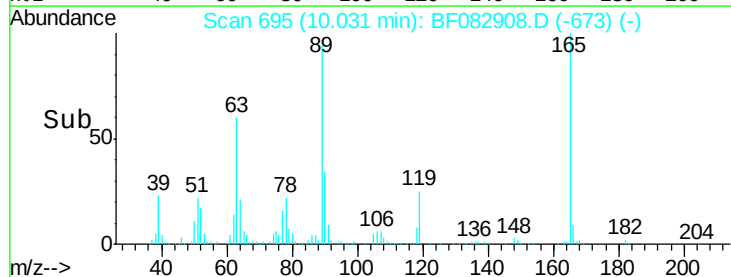
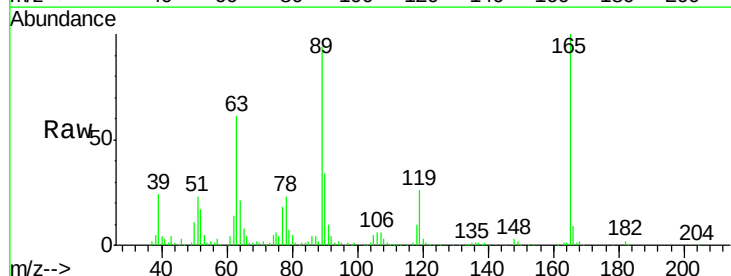
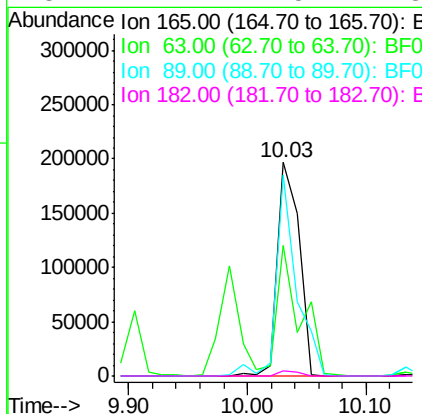
Manual Integrations
APPROVED

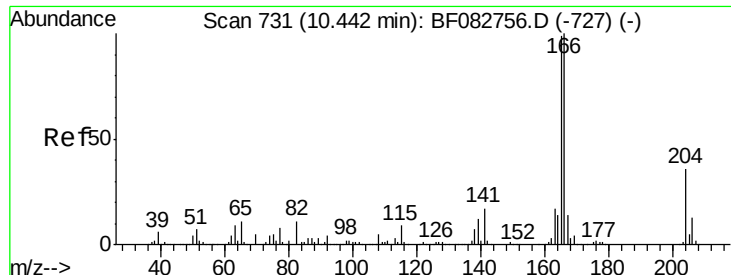
Mmdadoda
11/16/2015 12:44:02 PM



#56
2,4-Dinitrotoluene
Concen: 22.42 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	247201		
63	61.0	43.4	65.0	
89	94.2	70.6	106.0	
182	2.2	1.5	2.3	





#57

Fluorene

Concen: 23.82 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF082908.D

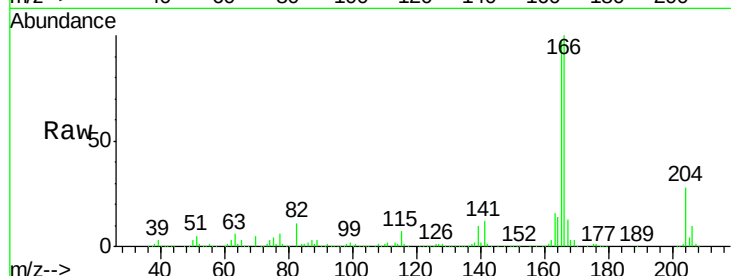
Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

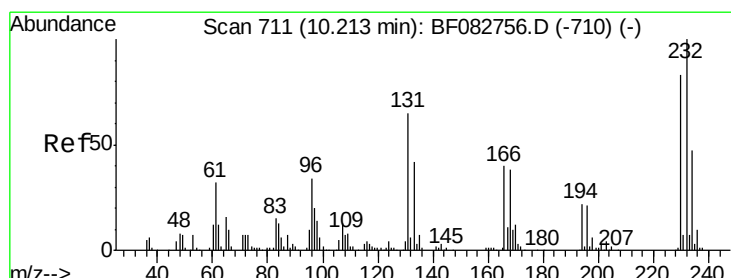
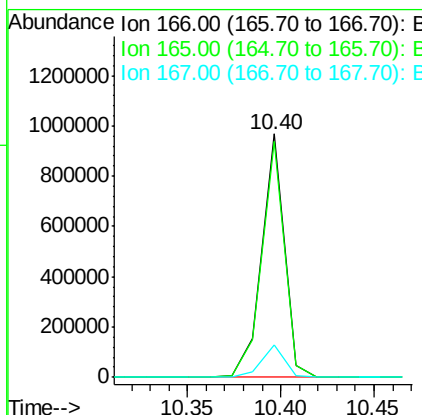
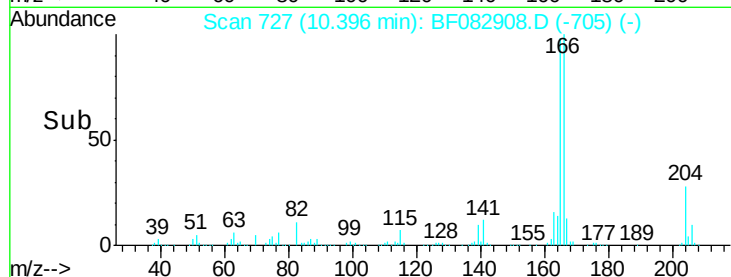
P001-TS003-02MS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.9	80.2	120.4	
167	13.4	11.2	16.8	

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM



#58

2,3,4,6-Tetrachlorophenol

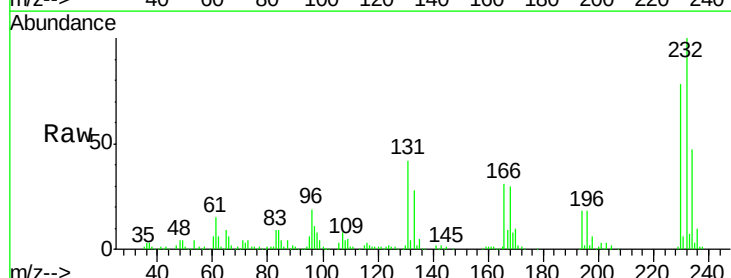
Concen: 24.22 ng

RT: 10.18 min Scan# 708

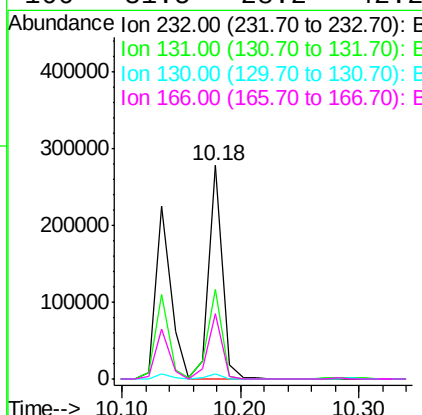
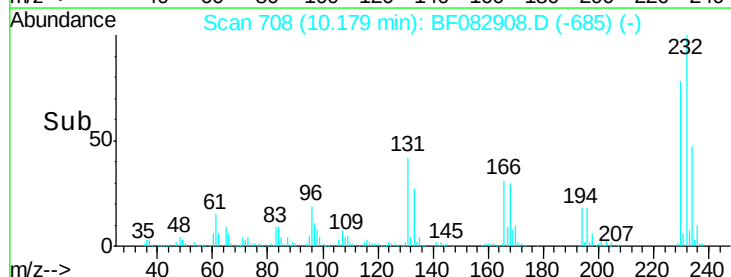
Delta R.T. -0.03 min

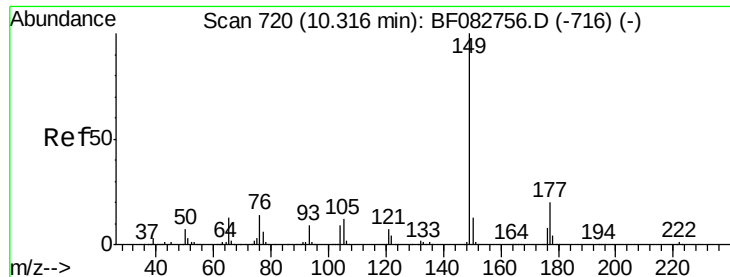
Lab File: BF082908.D

Acq: 13 Nov 2015 20:27



Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	44.9	46.2	69.2#	
130	2.2	2.4	3.6#	
166	31.5	28.2	42.2	





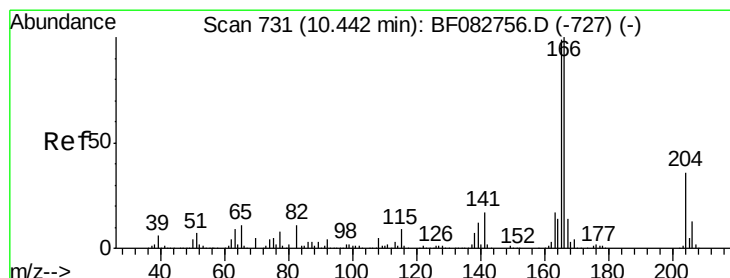
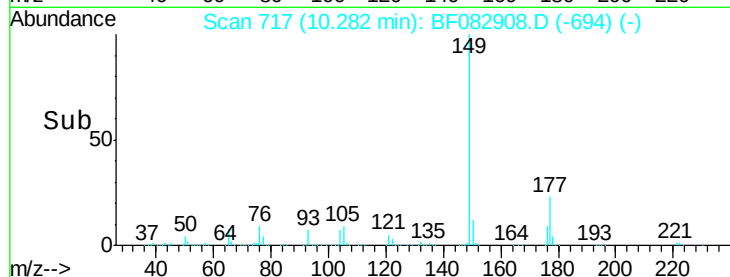
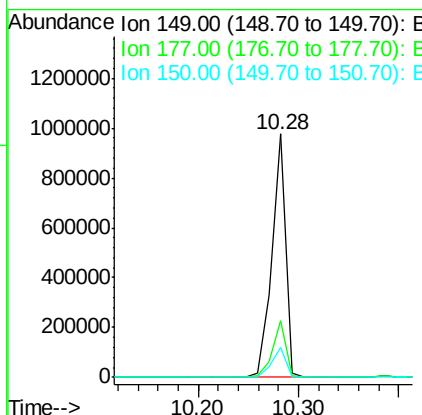
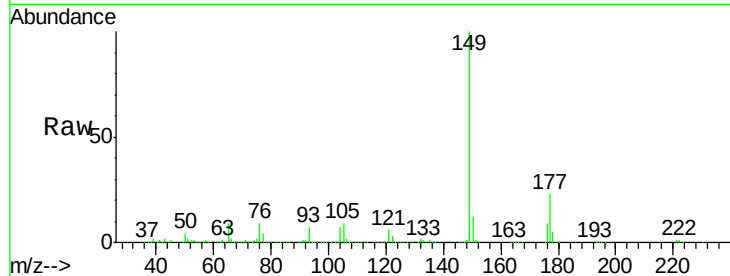
#59
Diethylphthalate
Concen: 24.81 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.9	26.9
150	12.3	10.1	15.1

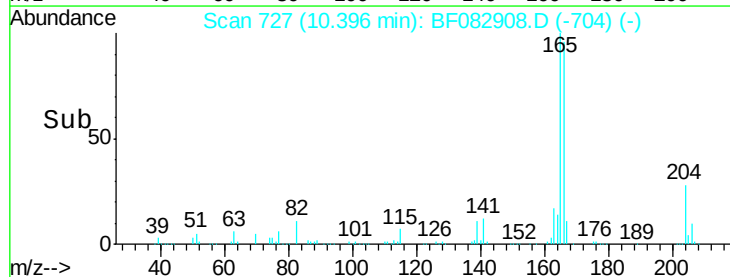
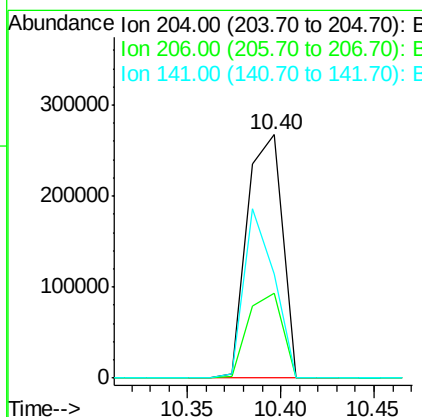
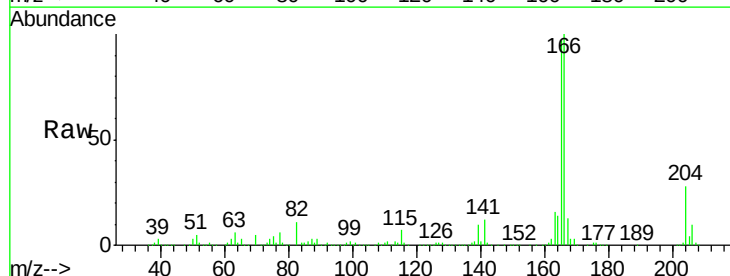
Manual Integrations
APPROVED

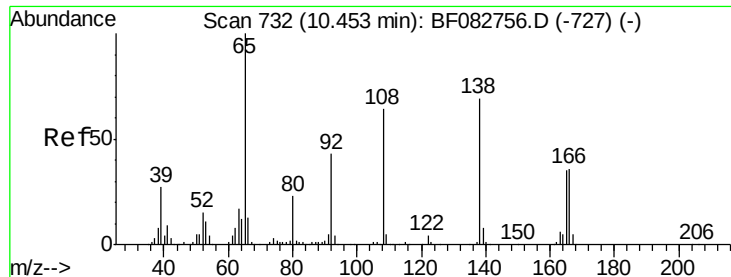
Mmdadoda
11/16/2015 12:44:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 20.67 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.1	28.5	42.7
141	42.6	44.6	66.8#





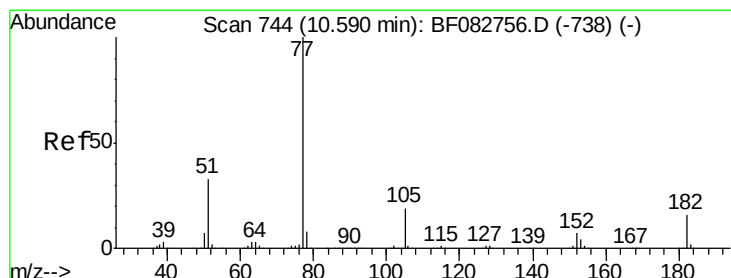
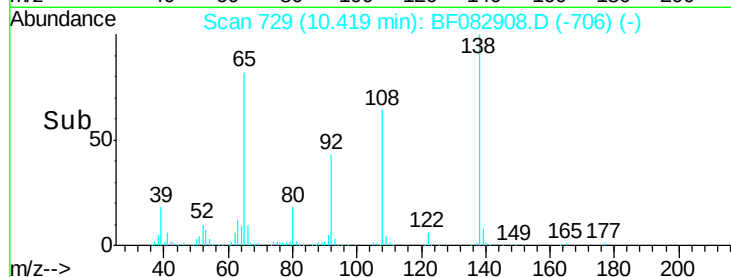
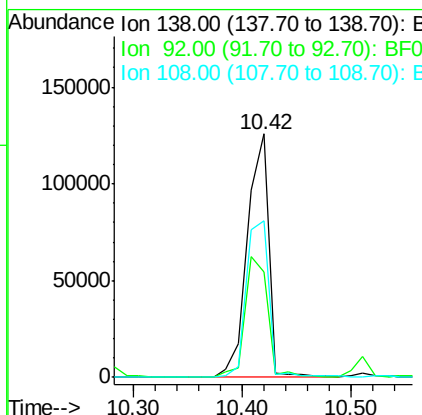
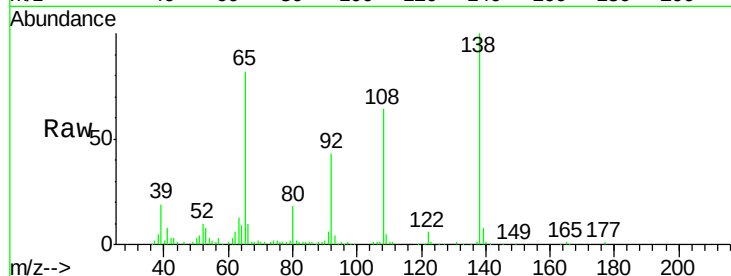
#61
4-Nitroaniline
Concen: 19.13 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.4	45.8	85.8#
108	64.1	89.4	129.4#

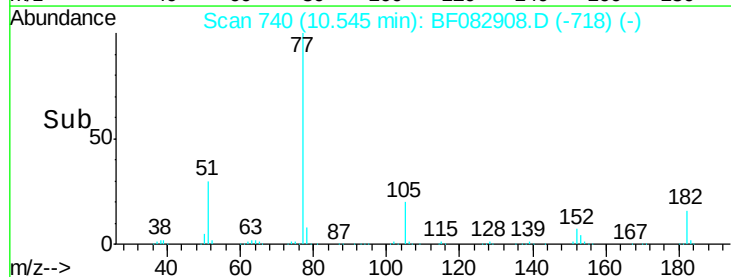
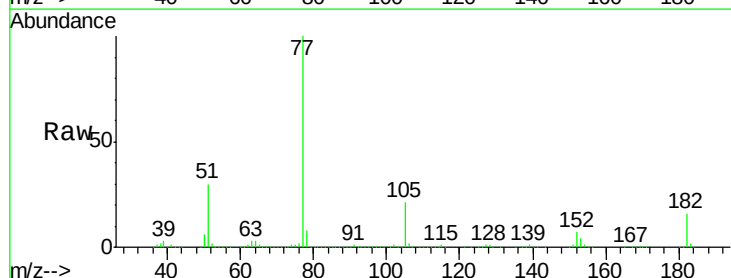
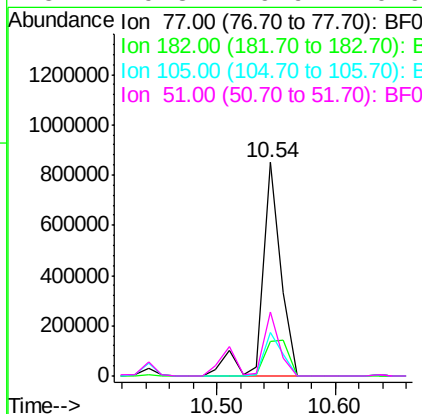
Manual Integrations
APPROVED

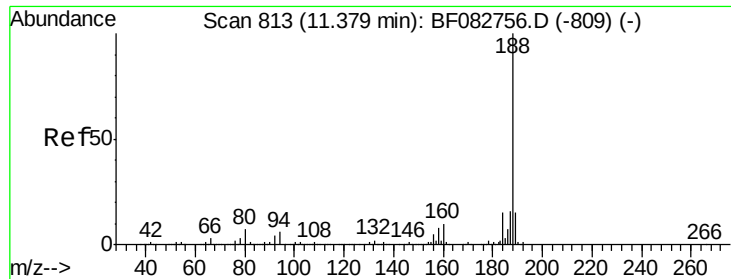
Mmdadoda
11/16/2015 12:44:02 PM



#62
Azobenzene
Concen: 23.14 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.0	9.3	49.3
105	20.6	2.6	42.6
51	29.8	9.9	49.9





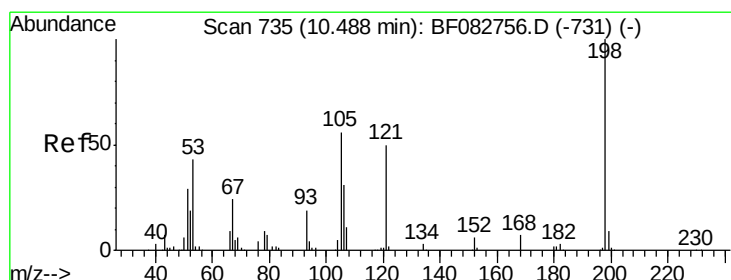
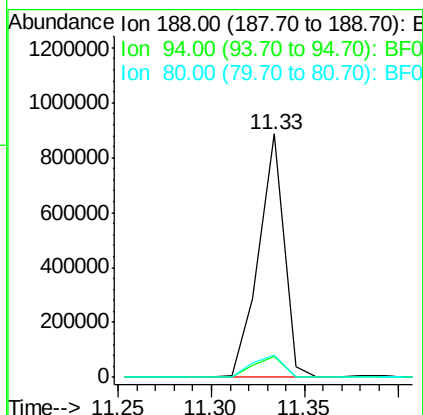
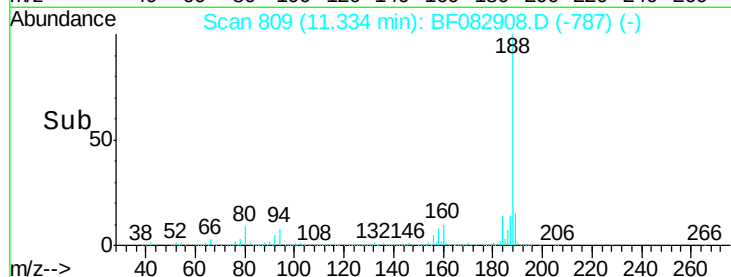
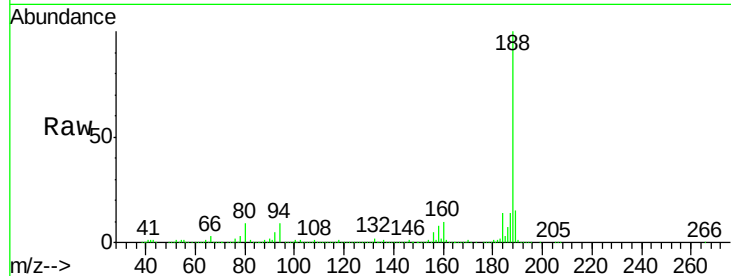
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.5	6.1	9.1
80	9.3	7.0	10.6

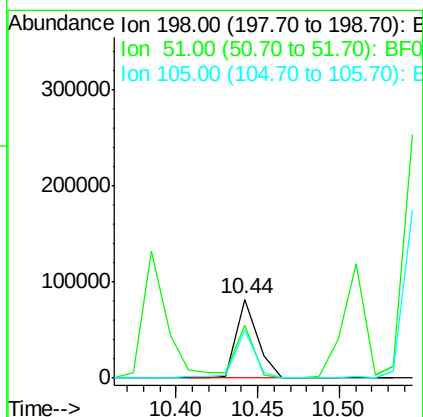
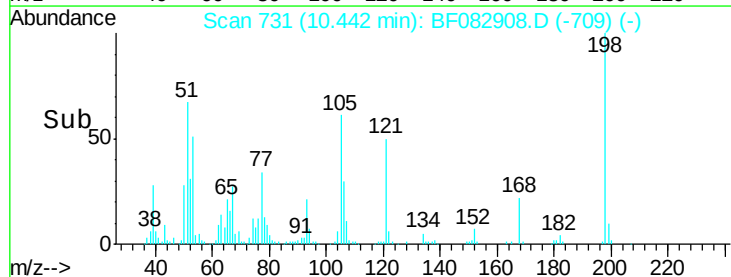
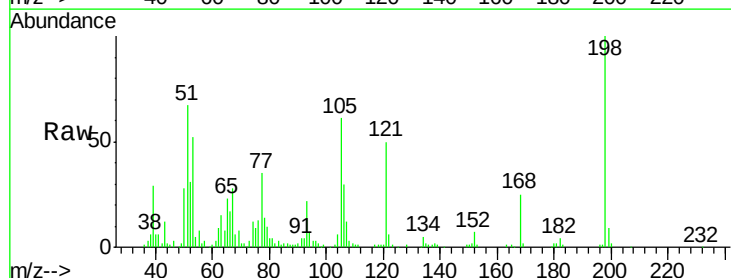
Manual Integrations
APPROVED

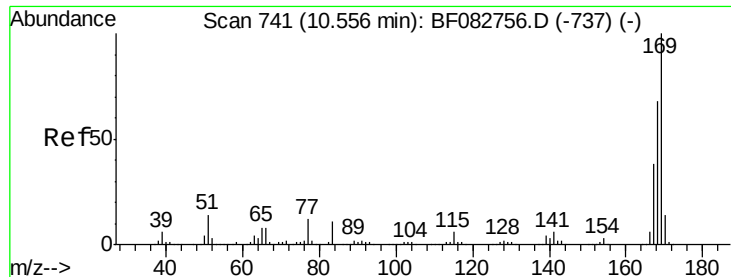
Mmdadoda
11/16/2015 12:44:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 12.55 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	67.3	17.3	57.3#
105	61.3	21.7	61.7





#65

n-Nitrosodiphenylamine

Concen: 22.44 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF082908.D

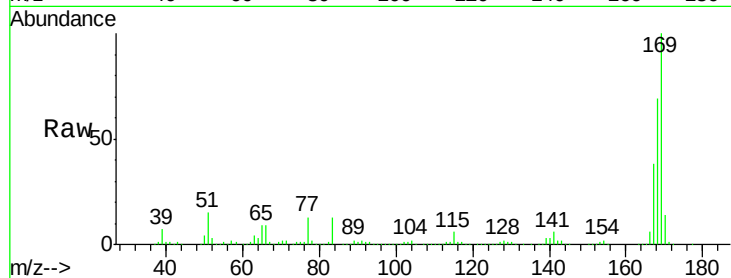
Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

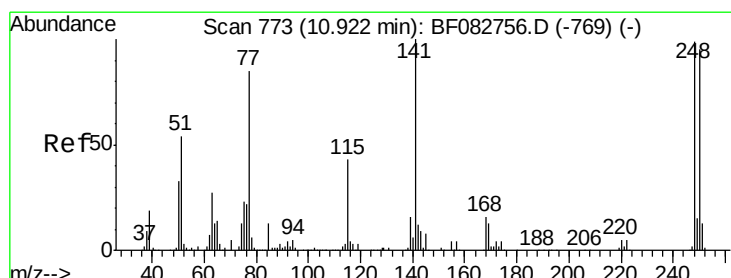
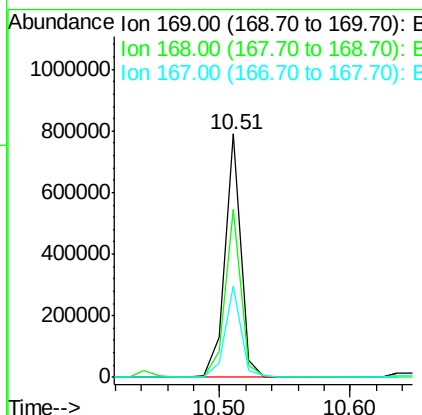
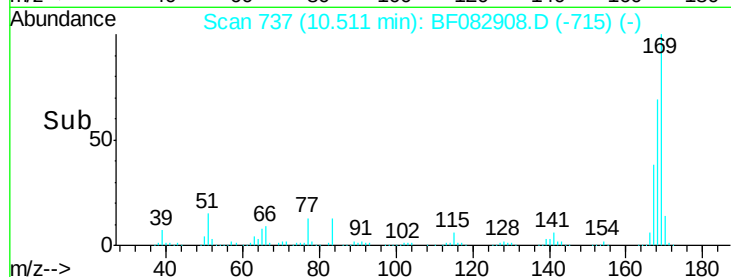
P001-TS003-02MS



Tgt Ion:	169	Resp:	676491
Ion Ratio	Lower	Upper	
169	100		
168	69.1	55.0	82.6
167	37.7	30.5	45.7

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM



#66

4-Bromophenyl-phenylether

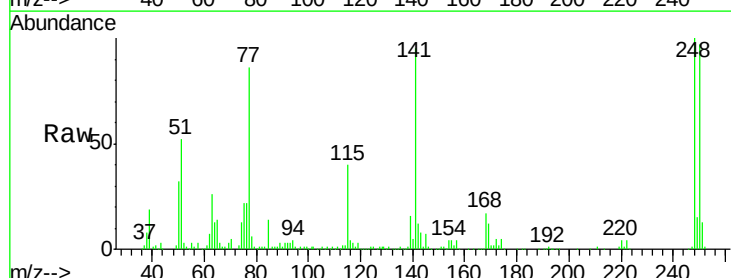
Concen: 20.95 ng

RT: 10.88 min Scan# 769

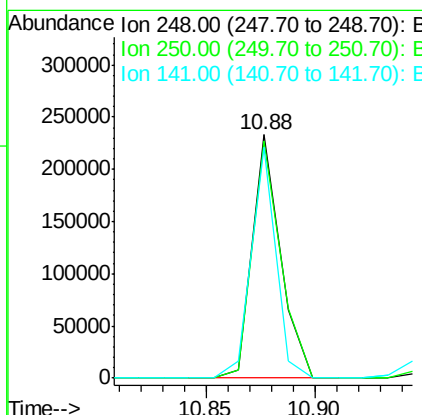
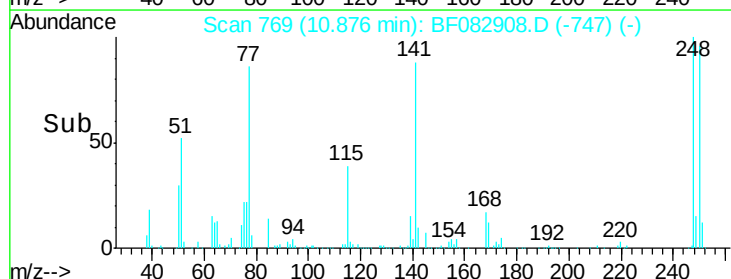
Delta R.T. -0.05 min

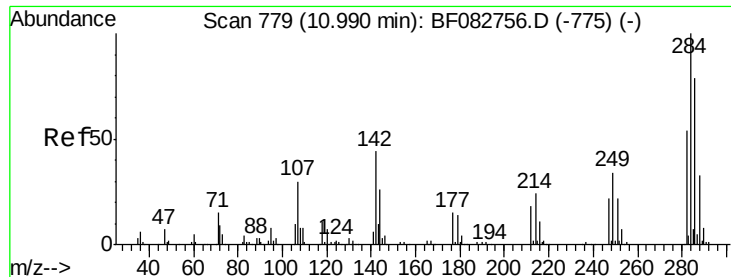
Lab File: BF082908.D

Acq: 13 Nov 2015 20:27



Tgt Ion:	248	Resp:	210498
Ion Ratio	Lower	Upper	
248	100		
250	97.2	79.4	119.2
141	95.0	36.3	54.5#





#67

Hexachlorobenzene

Concen: 19.95 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.05 min

Lab File: BF082908.D

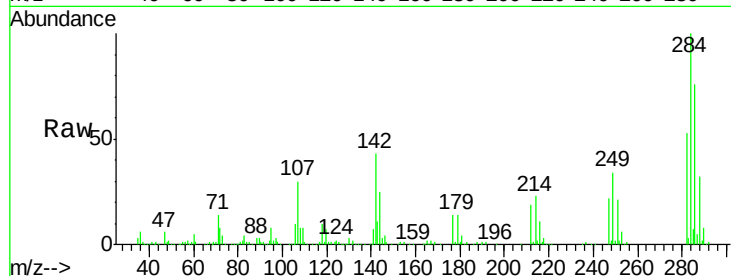
Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS



Tgt Ion: 284 Resp: 223762

Ion Ratio Lower Upper

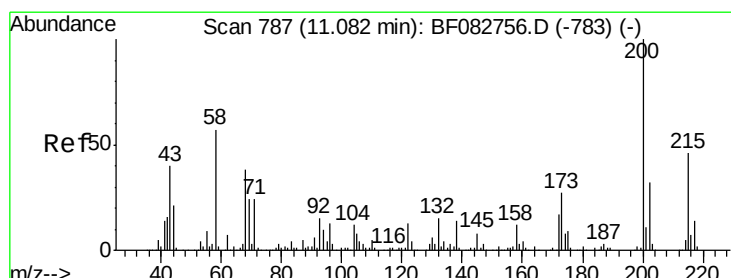
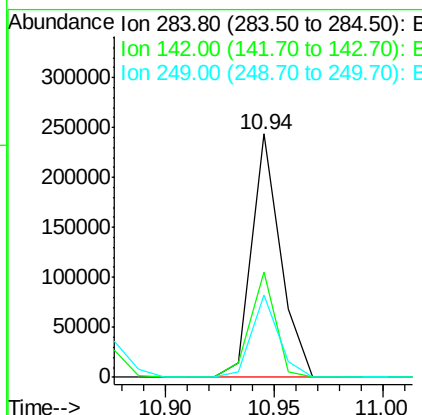
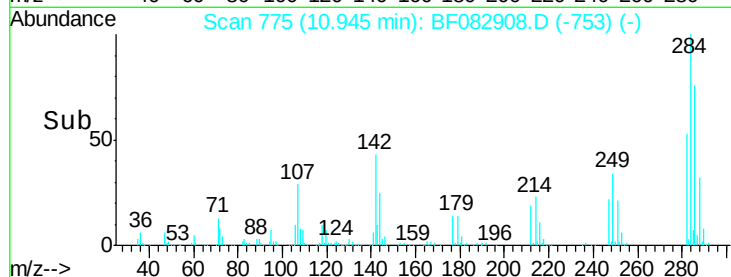
284 100

142 43.0 47.9 71.9#

249 33.8 29.7 44.5

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM



#68

Atrazine

Concen: 25.88 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

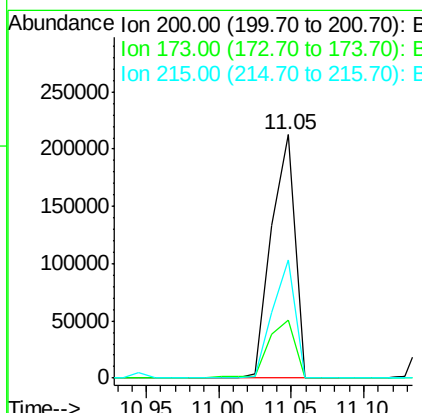
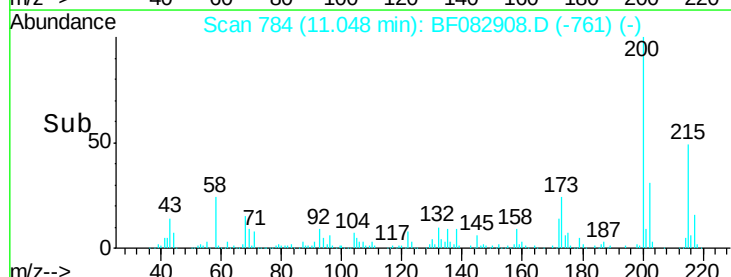
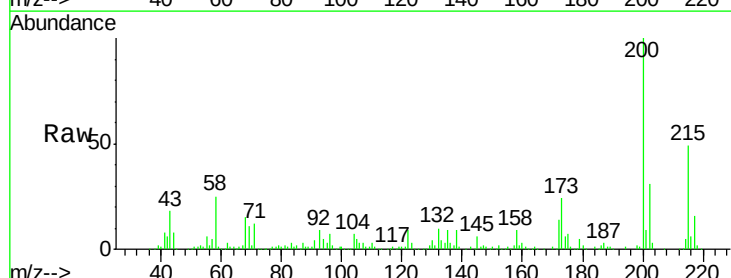
Tgt Ion: 200 Resp: 241227

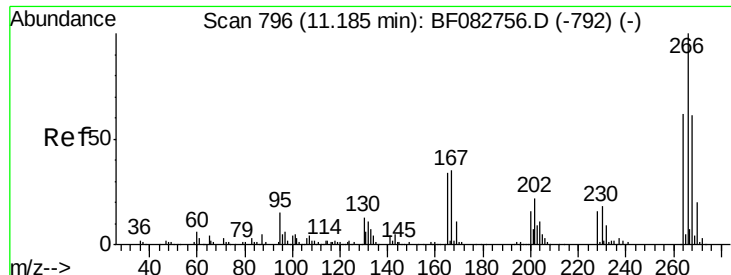
Ion Ratio Lower Upper

200 100

173 23.9 6.9 46.9

215 48.7 22.9 62.9





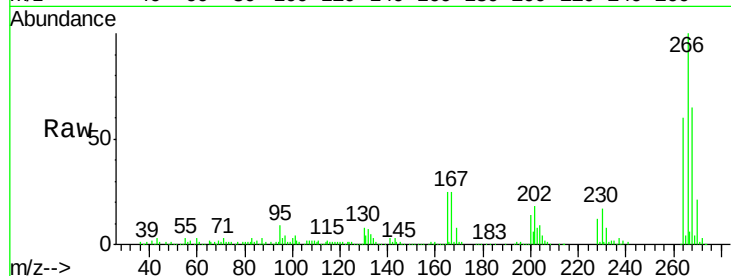
#69
 Pentachlorophenol
 Concen: 35.72 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

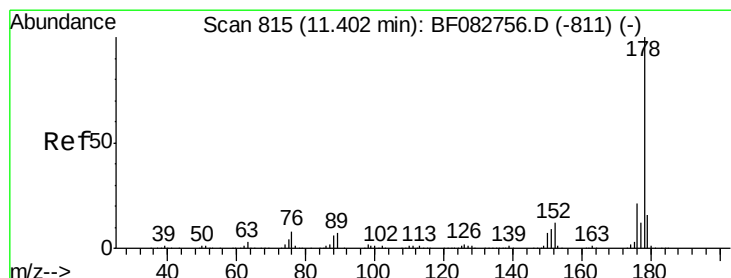
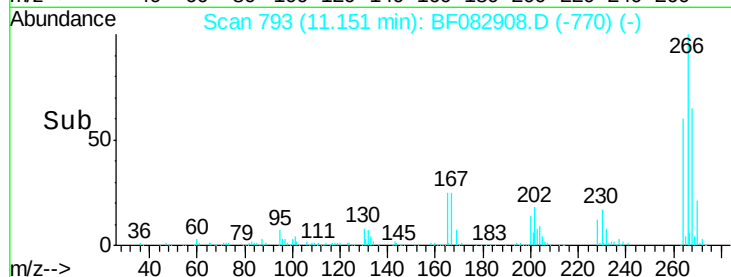
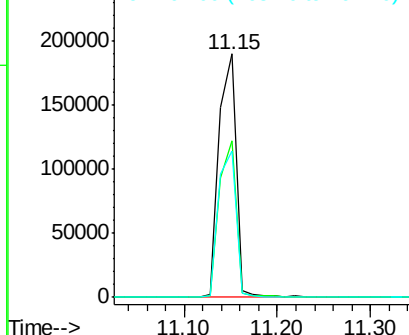
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.0	76.6
264	60.2	50.6	75.8

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:02 PM

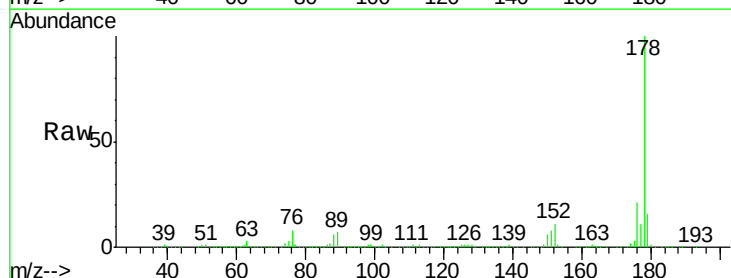


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

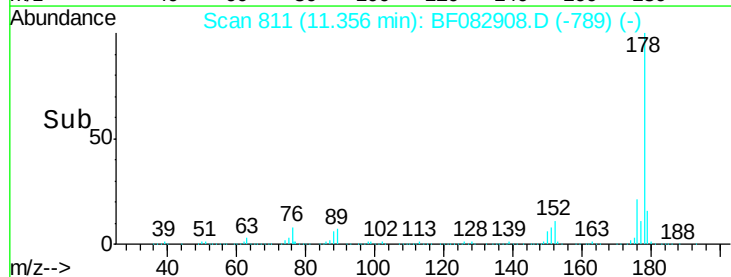
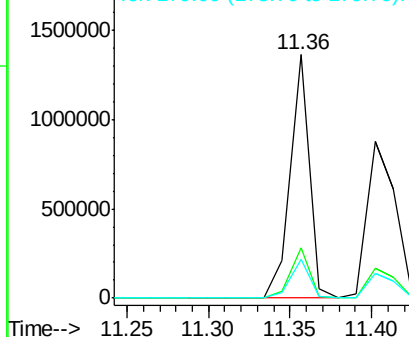


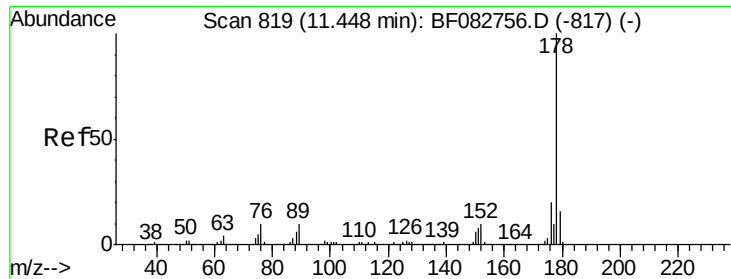
#70
 Phenanthrene
 Concen: 23.07 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	17.0	25.4
179	16.0	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





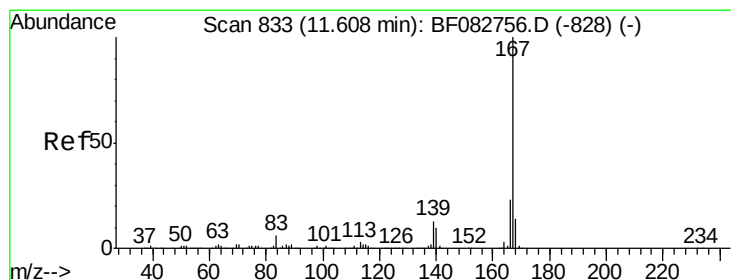
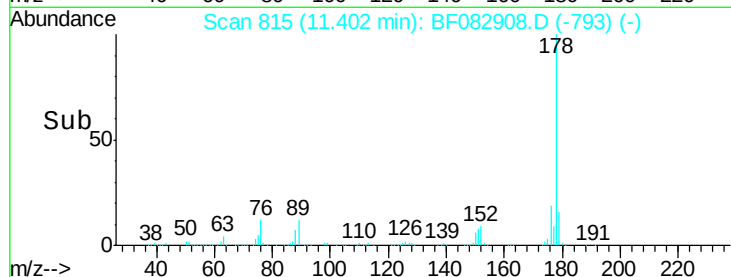
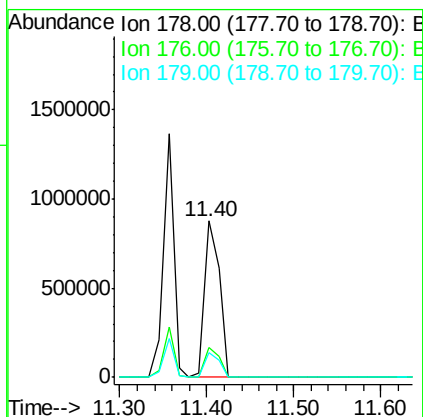
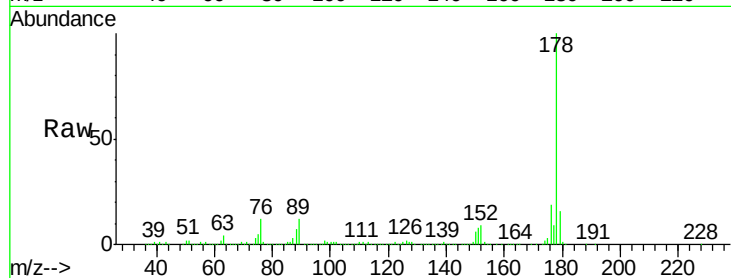
#71
 Anthracene
 Concen: 20.52 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion:178 Resp: 1047420
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.5 24.7
 179 15.9 13.2 19.8

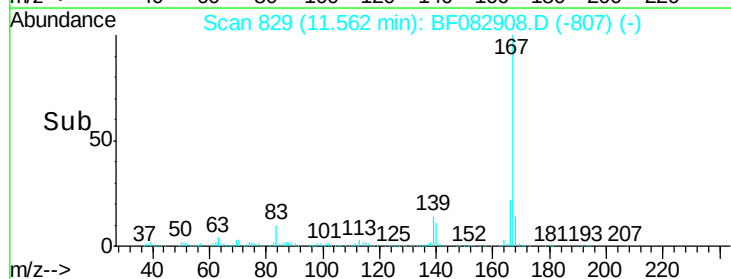
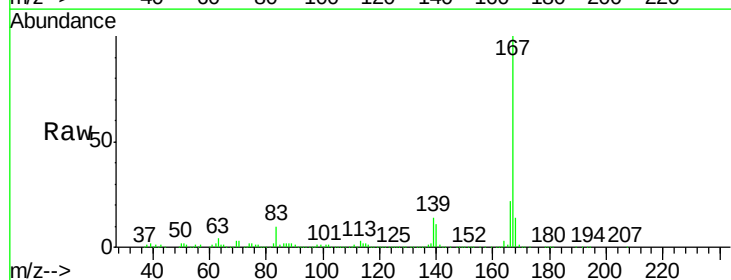
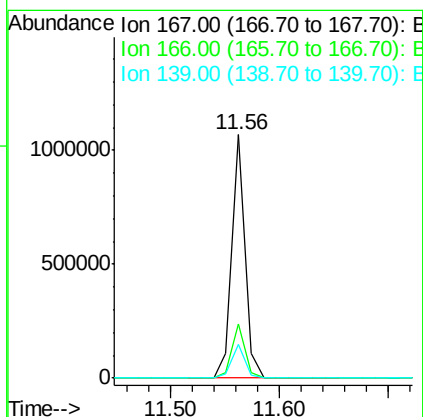
Manual Integrations
 APPROVED

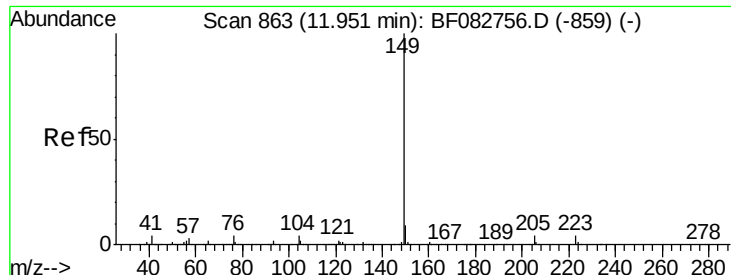
Mmdadoda
 11/16/2015 12:44:02 PM



#72
 Carbazole
 Concen: 20.04 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion:167 Resp: 895123
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.7 28.1
 139 13.9 11.8 17.6





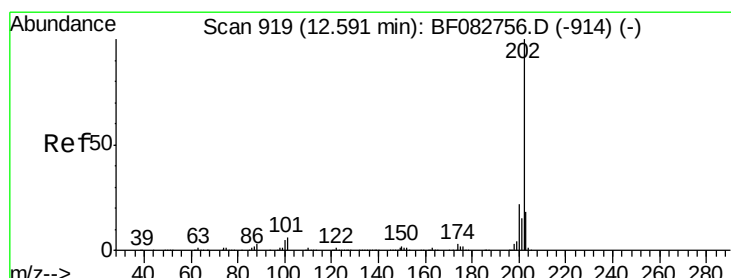
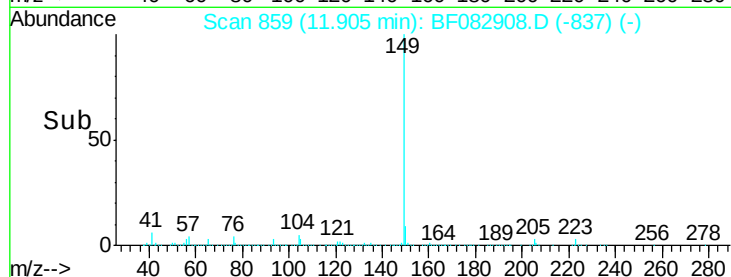
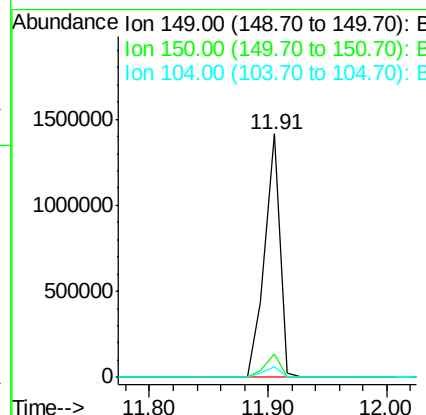
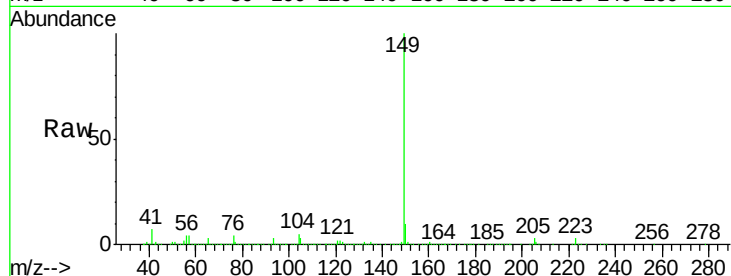
#73
Di-n-butylphthalate
Concen: 23.10 ng
RT: 11.91 min Scan# 859
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.6	5.2	7.8

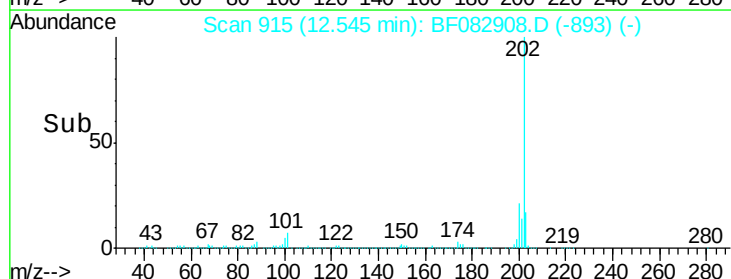
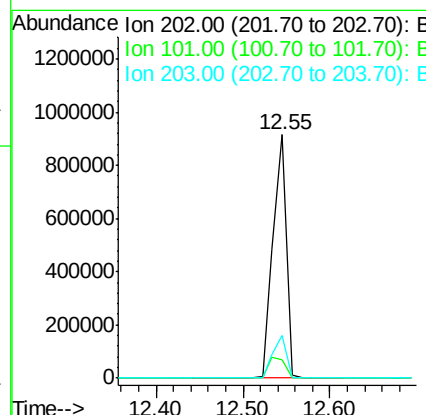
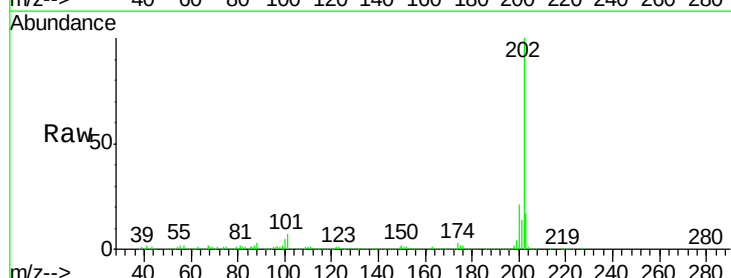
Manual Integrations
APPROVED

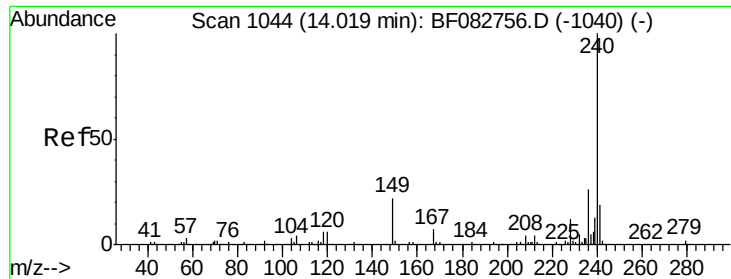
Mmdadoda
11/16/2015 12:44:02 PM



#74
Fluoranthene
Concen: 18.83 ng
RT: 12.55 min Scan# 915
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	30.5
203	17.3	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

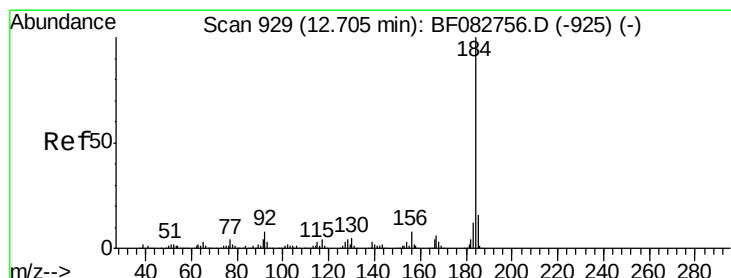
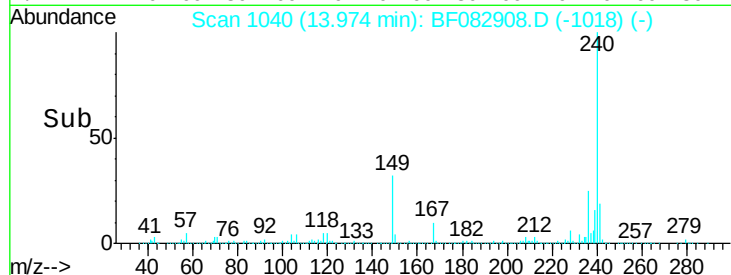
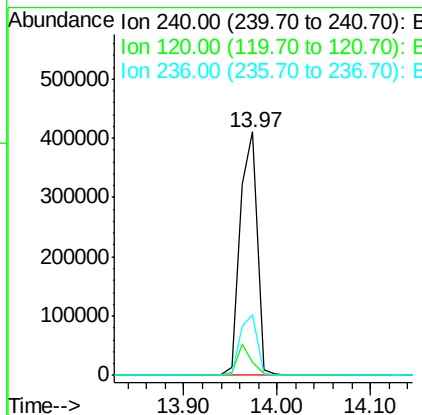
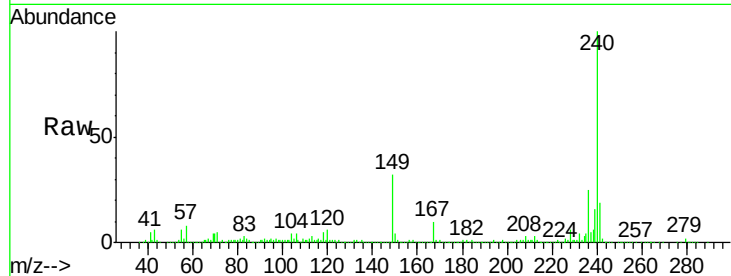
ClientSampleId :

P001-TS003-02MS

Tgt Ion:	240	Resp:	524344
Ion Ratio		Lower	Upper
240	100		
120	5.6	10.9	16.3#
236	25.1	21.6	32.4

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM



#76

Benzidine

Concen: 8.05 ng

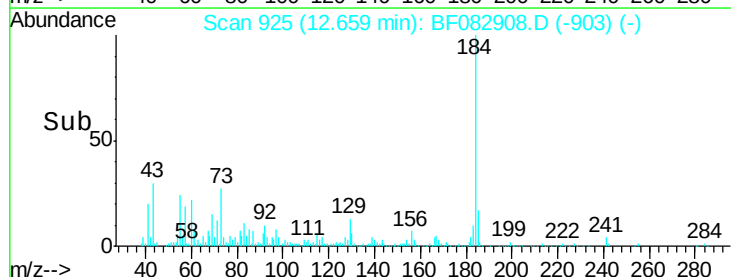
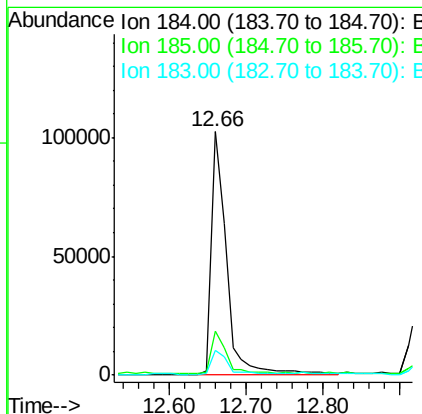
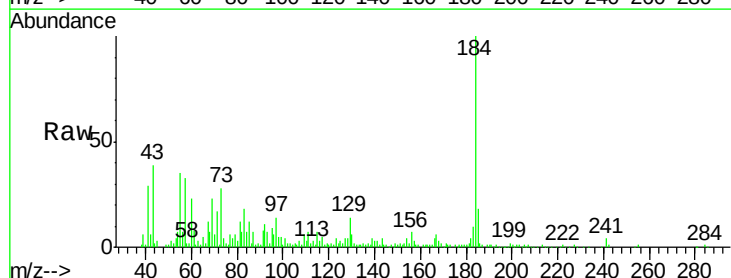
RT: 12.66 min Scan# 925

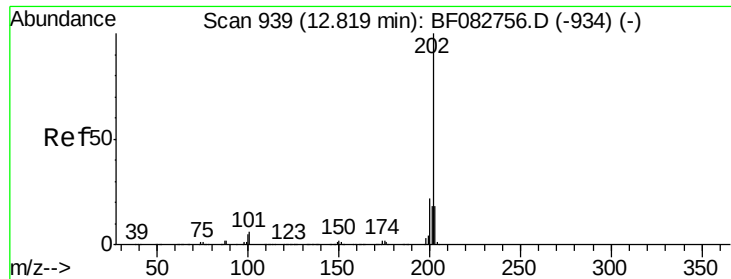
Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Tgt Ion:	184	Resp:	141547
Ion Ratio		Lower	Upper
184	100		
185	18.1	12.0	18.0#
183	10.4	9.6	14.4





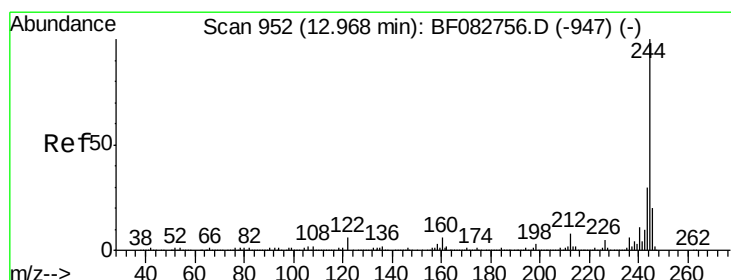
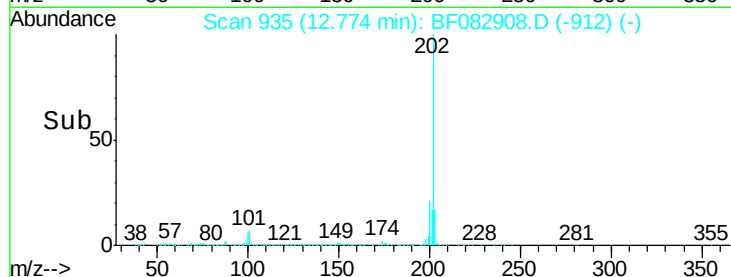
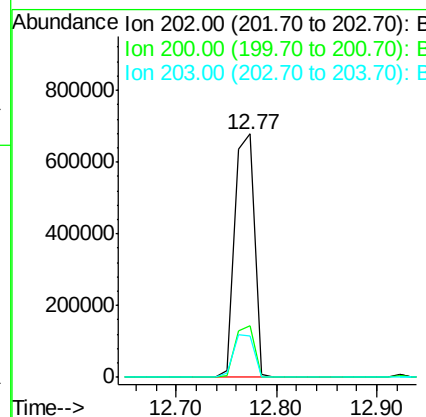
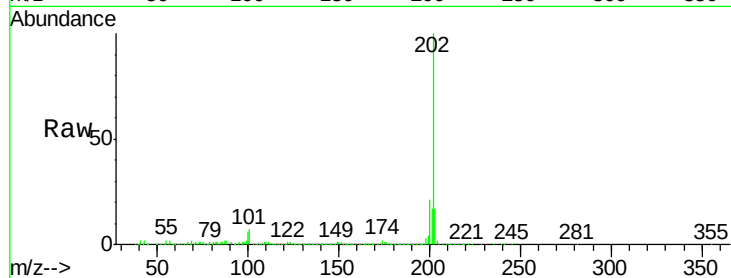
#77
 Pyrene
 Concen: 25.56 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.03 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	920393		
200	21.4	18.7	28.1	
203	17.3	14.8	22.2	

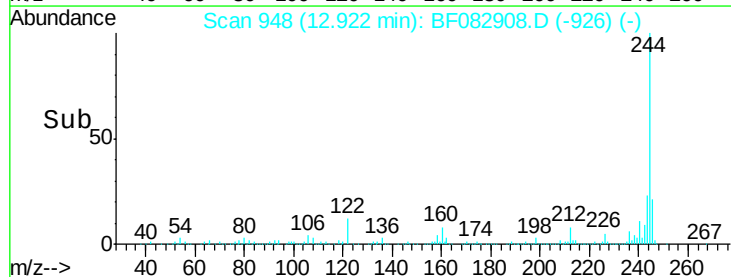
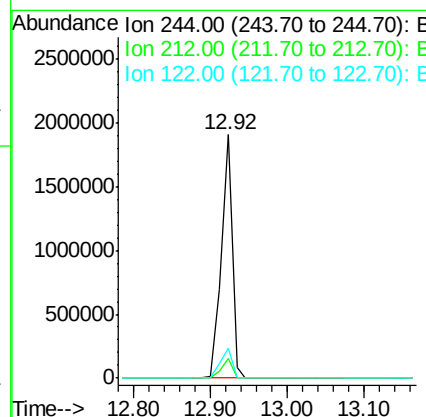
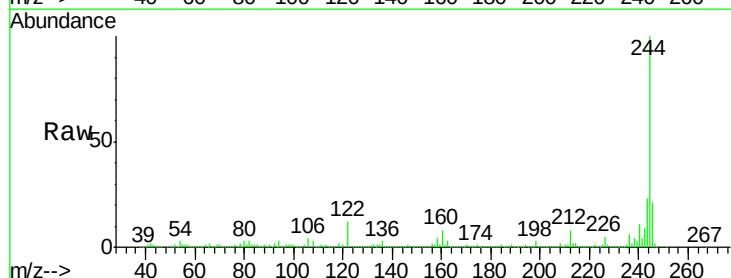
Manual Integrations
 APPROVED

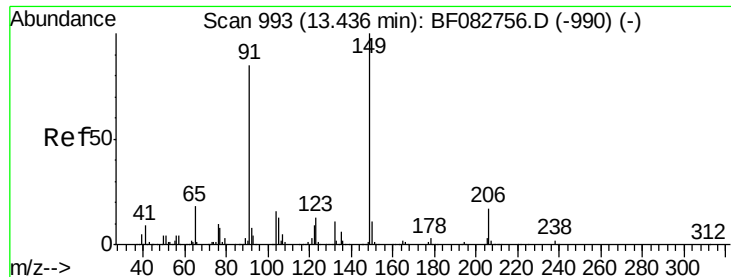
Mmdadoda
 11/16/2015 12:44:02 PM



#78
 Terphenyl-d14
 Concen: 84.54 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.04 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1868879		
212	8.3	7.6	11.4	
122	12.2	11.3	16.9	





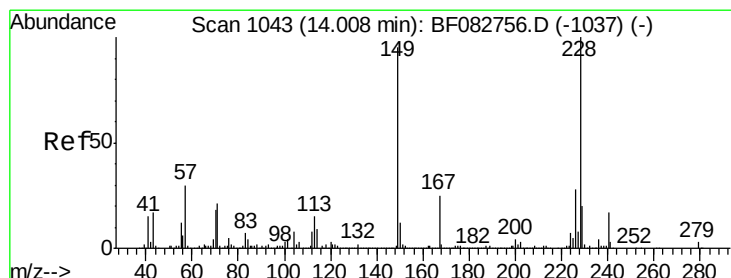
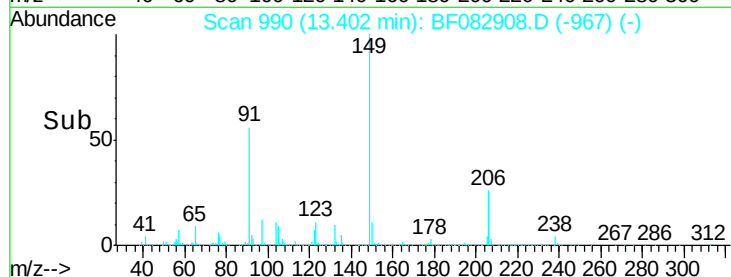
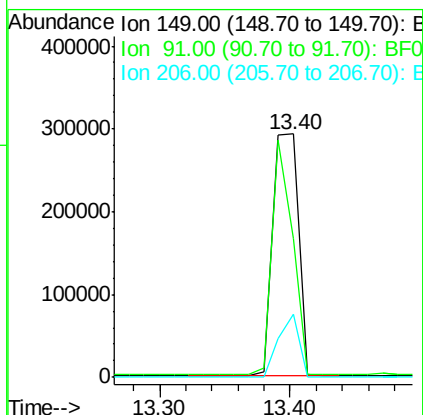
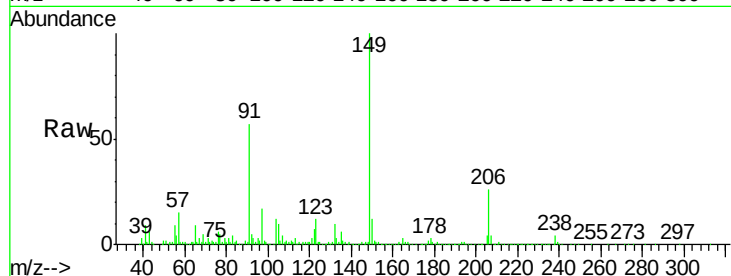
#79
Butylbenzylphthalate
Concen: 25.53 ng
RT: 13.40 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	56.8	67.7	101.5#
206	26.2	14.6	22.0#

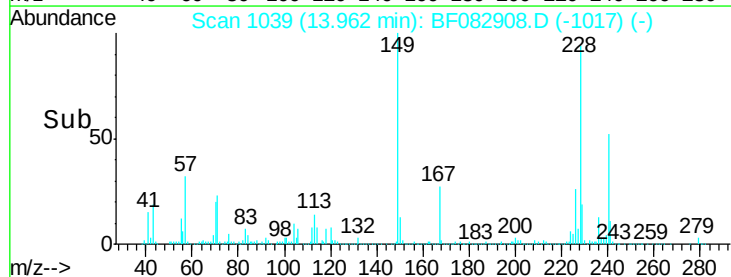
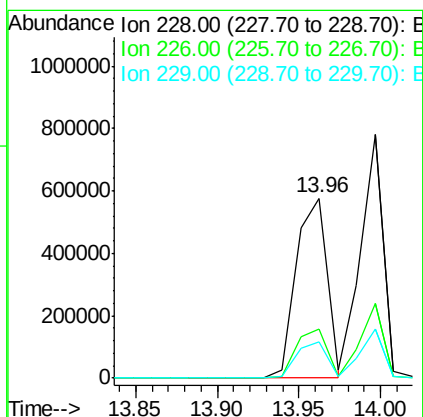
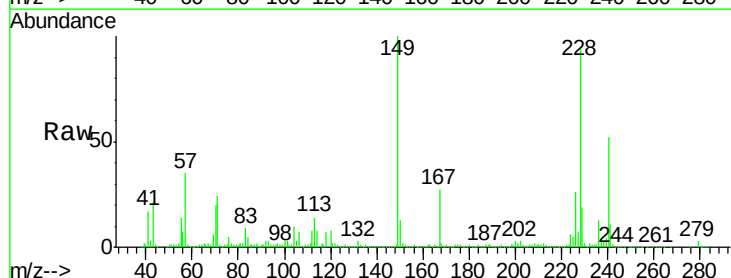
Manual Integrations
APPROVED

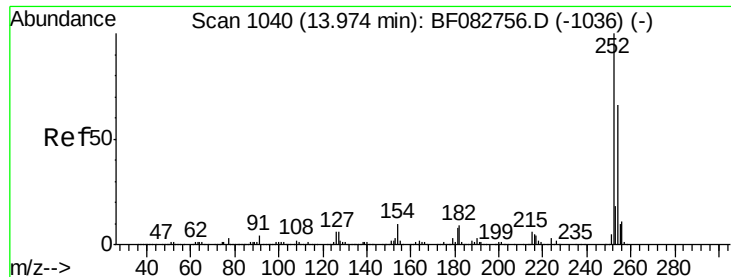
Mmdadoda
11/16/2015 12:44:02 PM



#80
Benzo(a)anthracene
Concen: 23.17 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.4	35.2
229	19.9	16.3	24.5





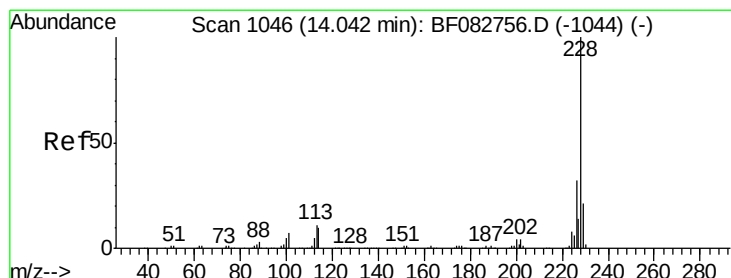
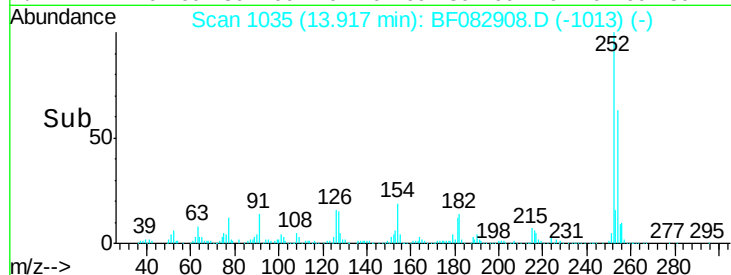
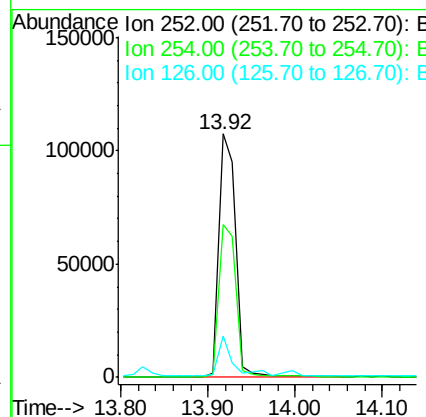
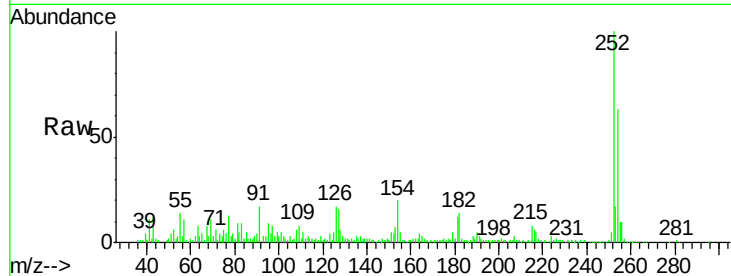
#81
 3,3'-Dichlorobenzidine
 Concen: 12.82 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.4	77.0
126	16.9	10.7	16.1

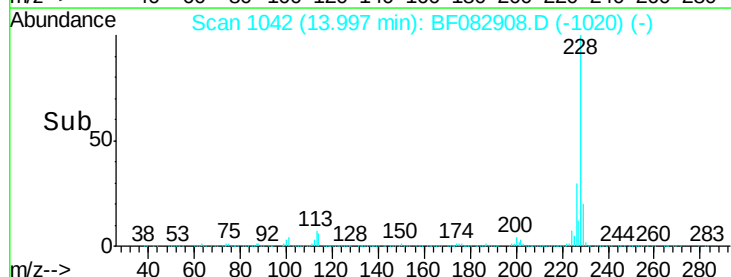
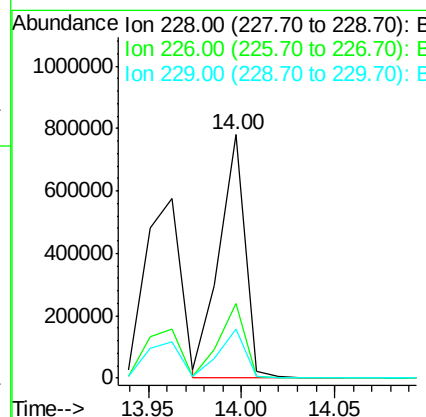
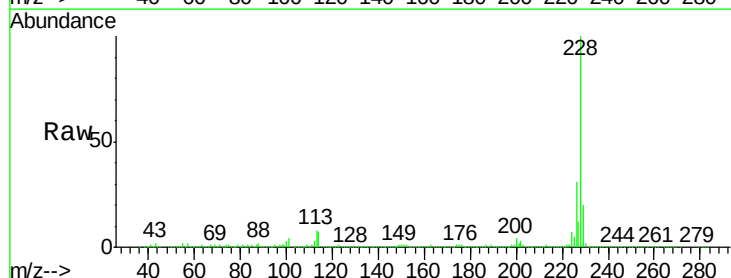
Manual Integrations
 APPROVED

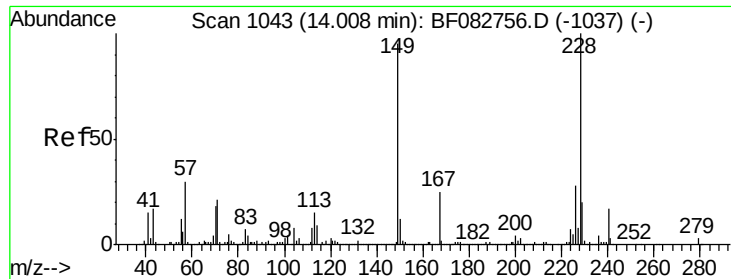
Mmdadoda
 11/16/2015 12:44:02 PM



#82
 Chrysene
 Concen: 25.14 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.5	38.3
229	20.0	16.3	24.5





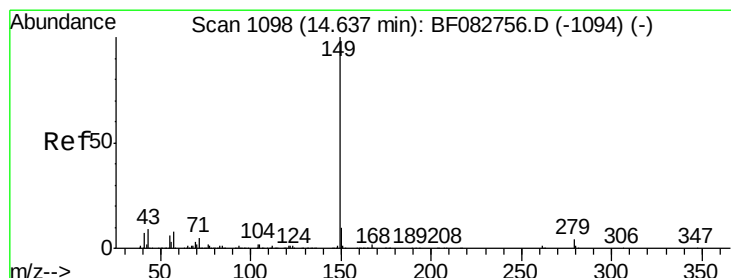
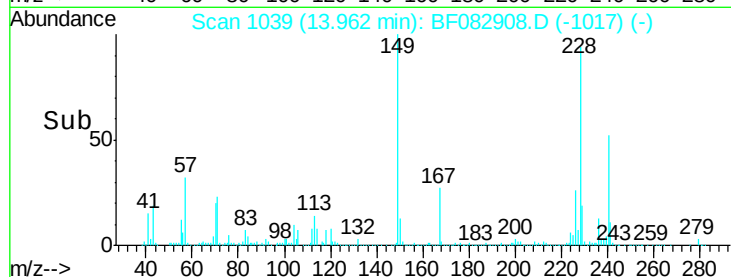
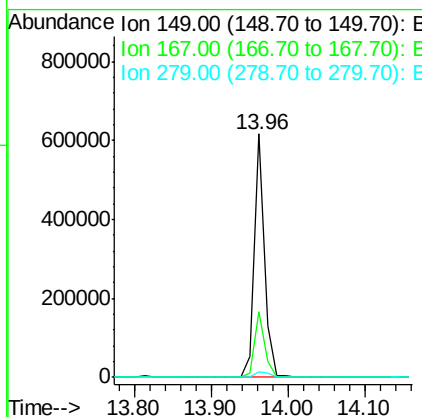
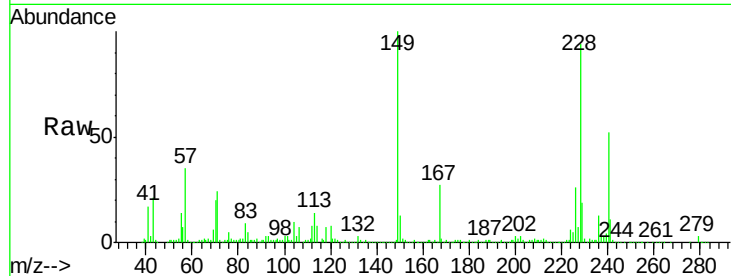
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.38 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	552635		
167	27.2	21.2	31.8	
279	2.5	2.2	3.2	

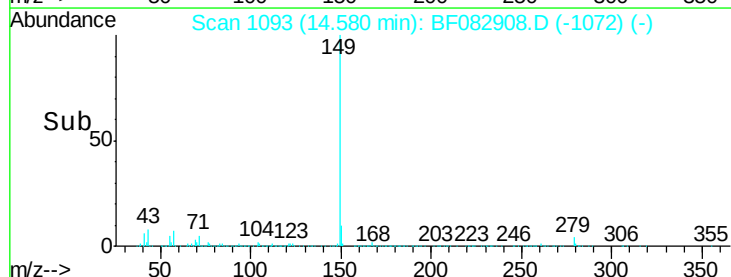
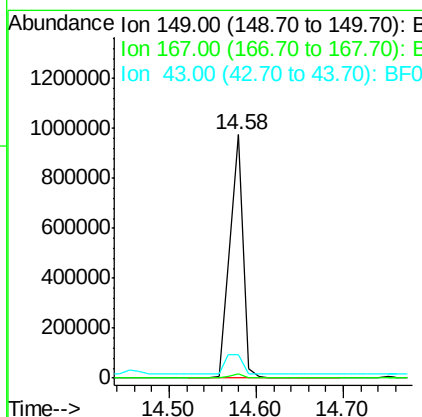
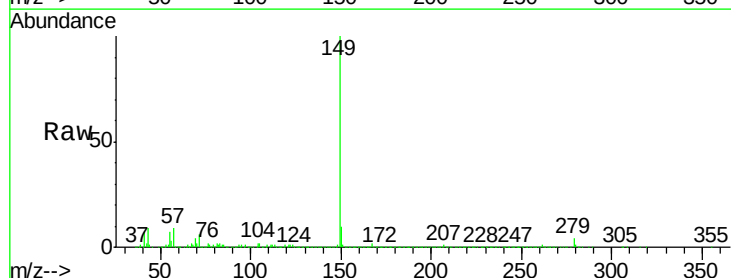
Manual Integrations
 APPROVED

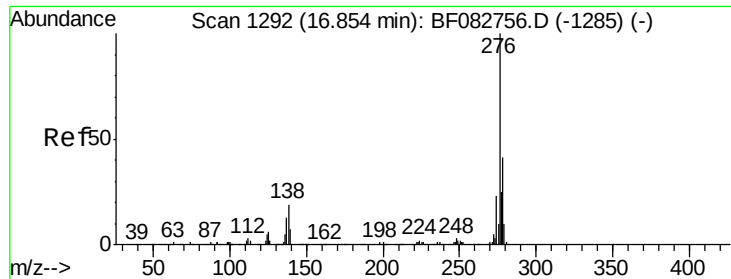
Mmdadoda
 11/16/2015 12:44:02 PM



#84
 Di-n-octyl phthalate
 Concen: 27.75 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.06 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1007940		
167	1.6	1.3	1.9	
43	11.0	10.1	15.1	





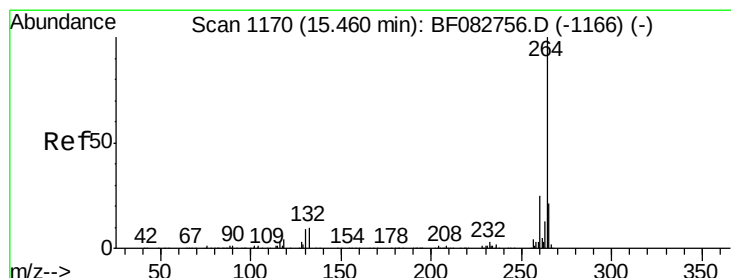
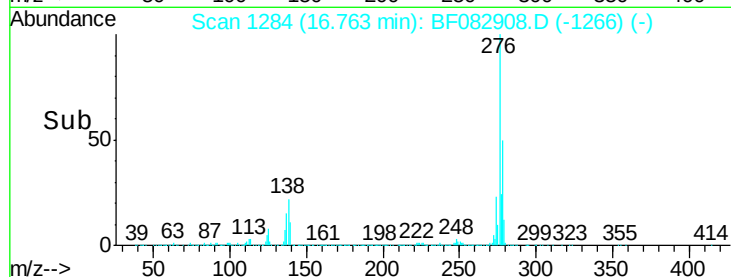
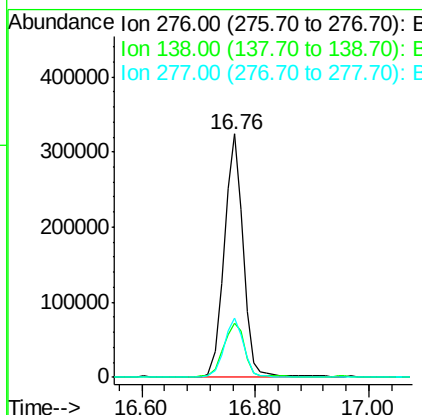
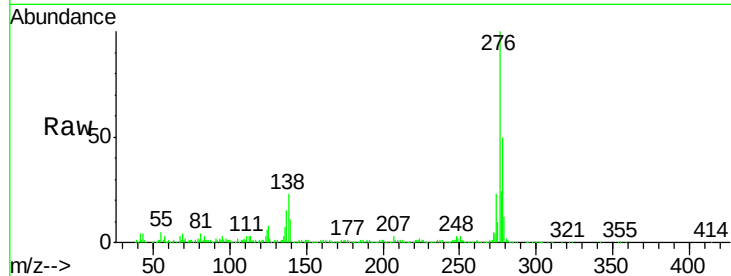
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.33 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.09 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	15.3	22.9#
277	25.5	20.2	30.4

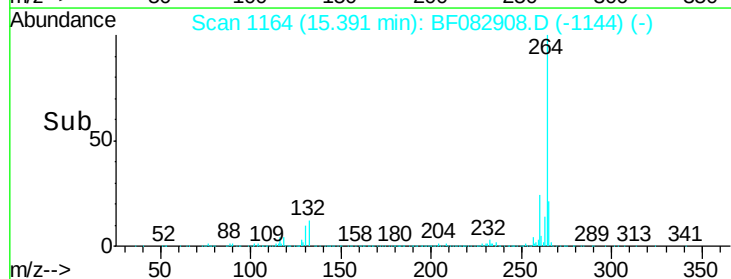
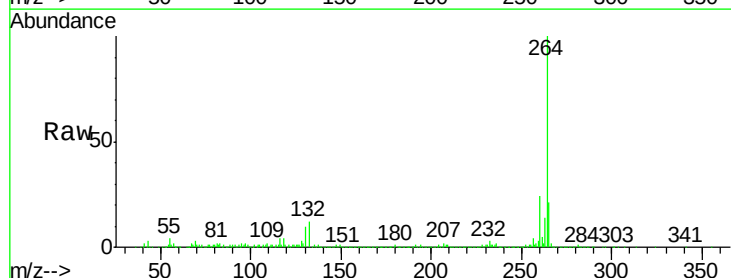
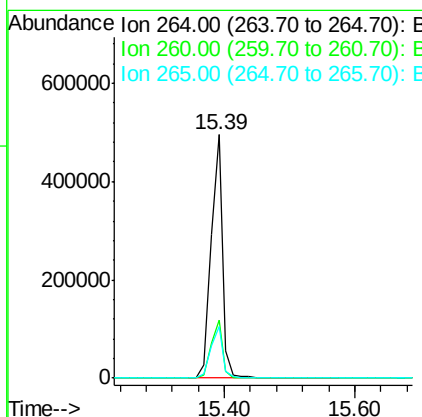
Manual Integrations
APPROVED

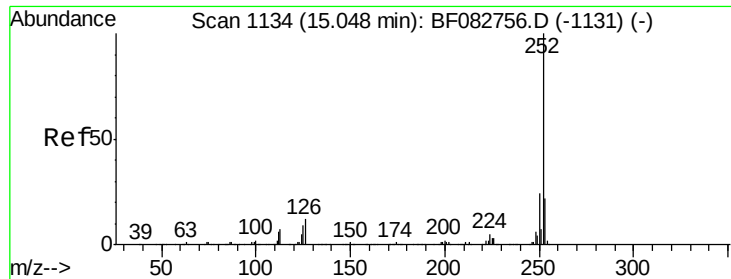
Mmdadoda
11/16/2015 12:44:02 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.07 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 23.29 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.06 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

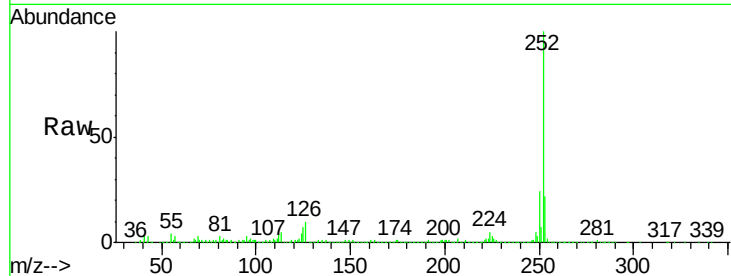
ClientSampleId :

P001-TS003-02MS

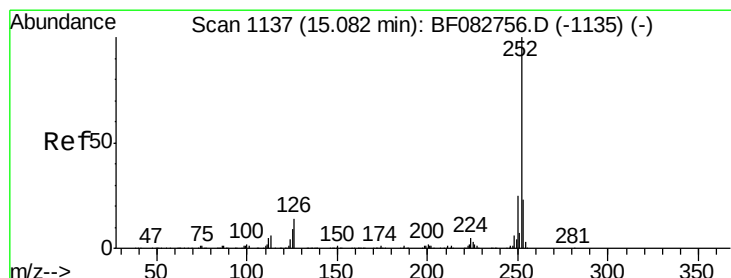
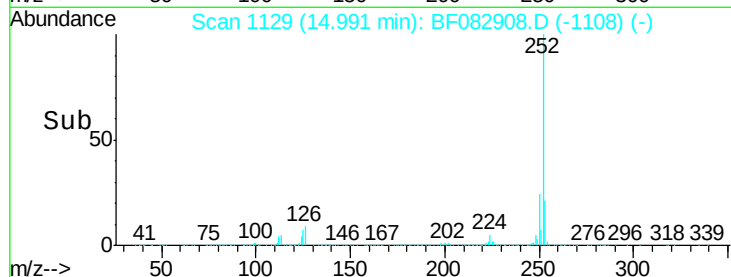
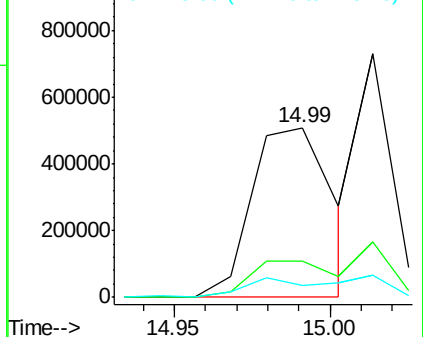
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	7.2	5.4	8.2

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 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



#88

Benzo(k)fluoranthene

Concen: 16.70 ng m

RT: 15.01 min Scan# 1131

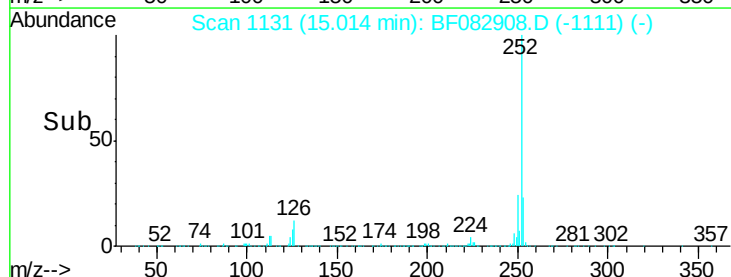
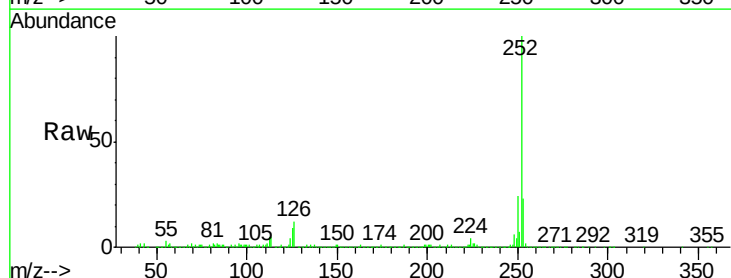
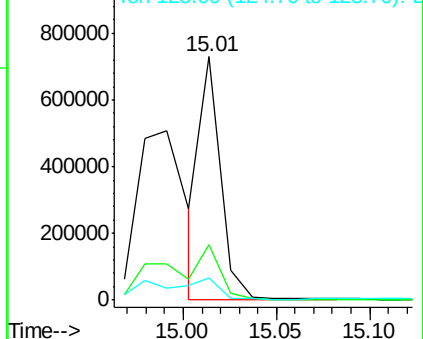
Delta R.T. -0.07 min

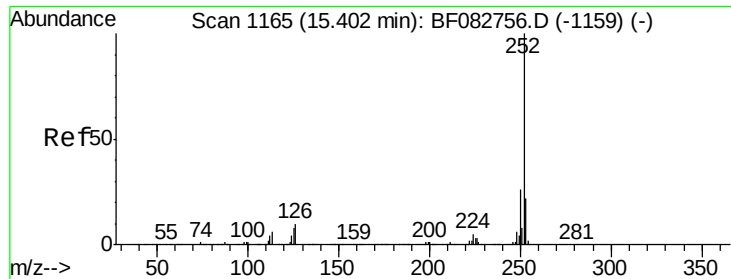
Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	8.9	3.5	5.3#

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





#89

Benzo(a)pyrene

Concen: 21.96 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.07 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

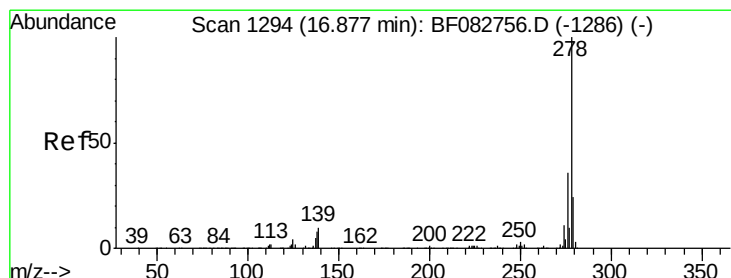
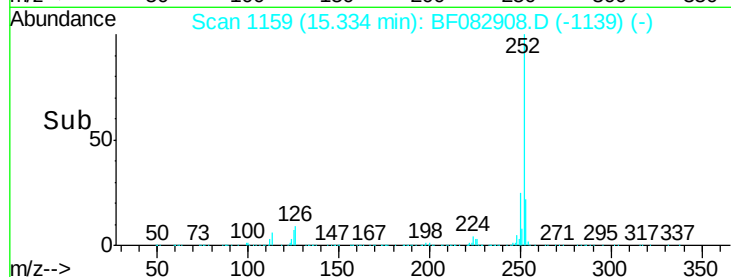
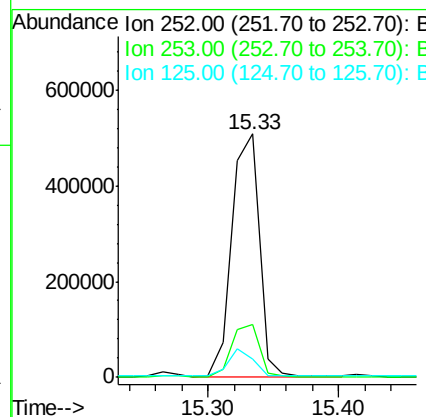
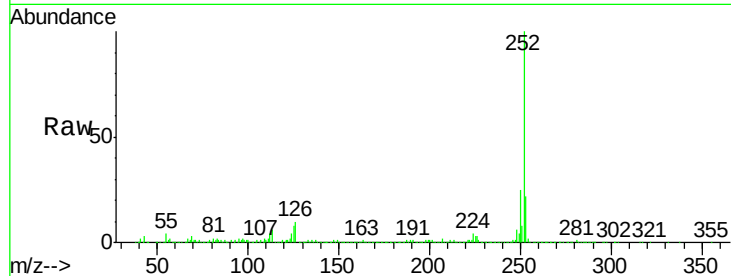
ClientSampleId :

P001-TS003-02MS

Tgt Ion:	252	Resp:	745606
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.3	25.9
125	7.6	7.1	10.7

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM



#90

Dibenzo(a,h)anthracene

Concen: 21.76 ng

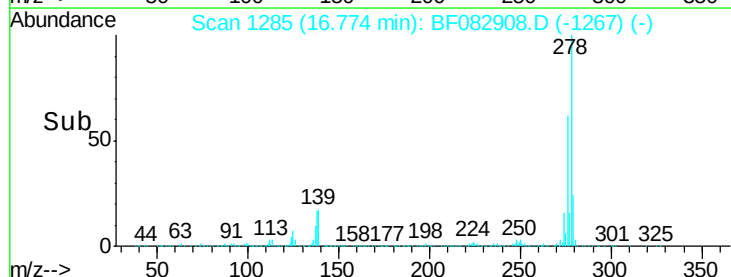
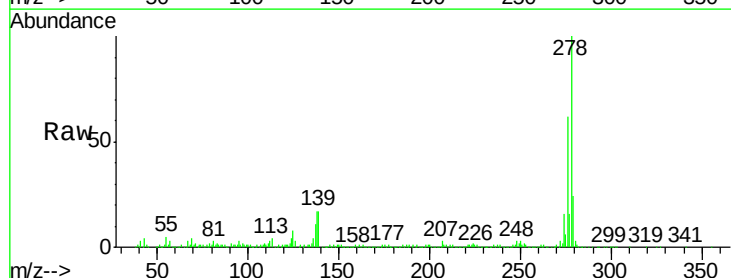
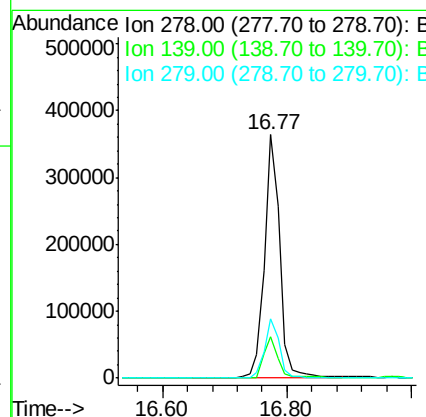
RT: 16.77 min Scan# 1285

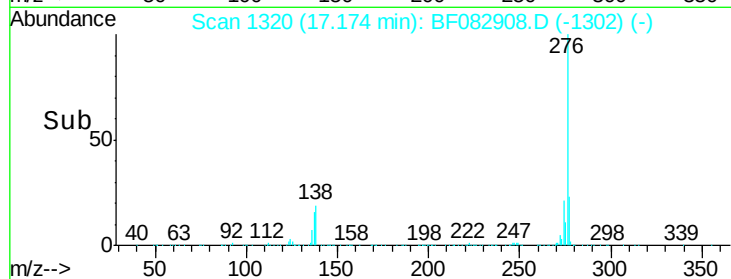
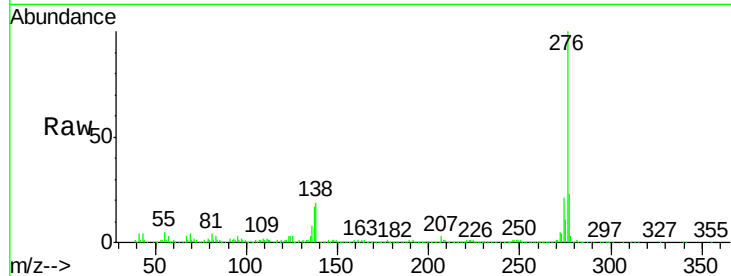
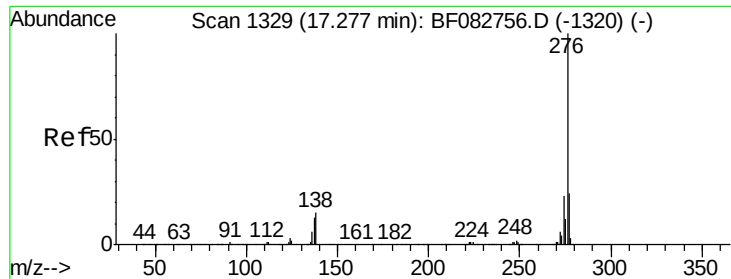
Delta R.T. -0.09 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Tgt Ion:	278	Resp:	625689
Ion Ratio	Lower	Upper	
278	100		
139	17.0	9.9	14.9#
279	24.1	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 21.66 ng

RT: 17.17 min Scan# 1320

Delta R.T. -0.09 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Tgt Ion:	276	Resp:	596540
Ion Ratio		Lower	Upper
276	100		
277	23.1	19.2	28.8
138	19.3	13.1	19.7

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

Manual Integrations
APPROVED

Mmdadoda
11/16/2015 12:44:02 PM

