

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082810.D
 Acq On : 7 Nov 2015 15:00
 Operator : UM/IZ
 Sample : G4246-02MS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:08:30 PM

Quant Time: Nov 09 01:17:30 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	6.85	152	190481	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	936505	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	406240	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	671538	20.00	ng	0.00
75) Chrysene-d12	14.02	240	474392	20.00	ng	0.00
86) Perylene-d12	15.44	264	400883	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1364942	111.49	ng	0.02
7) Phenol-d6	6.50	99	1982013	121.78	ng	0.02
23) Nitrobenzene-d5	7.42	82	1347093	62.59	ng	0.01
41) 2,4,6-Tribromophenol	10.68	330	423227	90.86	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1851677	65.33	ng	0.00
78) Terphenyl-d14	12.97	244	1381287	69.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	224056	42.42	ng	97
3) Pyridine	3.23	79	556325	36.30	ng	97
4) n-Nitrosodimethylamine	3.17	42	330199	43.43	ng	# 80
6) Aniline	6.52	93	373503	16.35	ng	# 50
8) 2-Chlorophenol	6.65	128	570600	42.05	ng	98
9) Benzaldehyde	6.40	77	194822	21.67	ng	82
10) Phenol	6.51	94	599762	32.48	ng	# 78
11) bis(2-Chloroethyl)ether	6.59	93	564448	40.87	ng	92
12) 1,3-Dichlorobenzene	6.80	146	595317m	38.89	ng	
13) 1,4-Dichlorobenzene	6.88	146	584255m	36.69	ng	
14) 1,2-Dichlorobenzene	7.02	146	527881	36.45	ng	96
15) Benzyl Alcohol	7.00	79	552776	38.68	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	811247	40.05	ng	95
17) 2-Methylphenol	7.13	107	452827	39.39	ng	96
18) Hexachloroethane	7.37	117	188507	33.10	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	409546	34.23	ng	90
20) 3+4-Methylphenols	7.28	107	587377	39.30	ng	# 69
22) Acetophenone	7.26	105	783350	29.19	ng	# 95
24) Nitrobenzene	7.44	77	602387	27.37	ng	89
25) Isophorone	7.68	82	1160203	29.13	ng	98
26) 2-Nitrophenol	7.76	139	273319	29.75	ng	# 75
27) 2,4-Dimethylphenol	7.80	122	450962	27.32	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	692617	30.83	ng	99
29) 2,4-Dichlorophenol	8.01	162	480948	32.24	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	620452	36.98	ng	96
31) Naphthalene	8.17	128	1944710	37.64	ng	99
32) Benzoic acid	7.89	122	99779	8.83	ng	93
33) 4-Chloroaniline	8.21	127	220240	9.89	ng	# 83
34) Hexachlorobutadiene	8.29	225	349663	33.30	ng	97
35) Caprolactam	8.58	113	190916	40.59	ng	# 79
36) 4-Chloro-3-methylphenol	8.70	107	594350	33.88	ng	90
37) 2-Methylnaphthalene	8.85	142	1112113	33.27	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	561374	42.05	ng	97
40) Hexachlorocyclopentadiene	9.01	237	175994	24.54	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082810.D
 Acq On : 7 Nov 2015 15:00
 Operator : UM/IZ
 Sample : G4246-02MS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

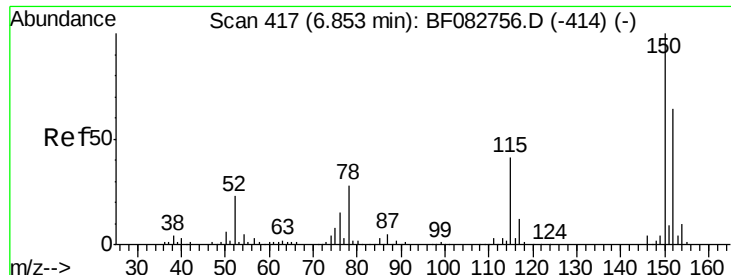
Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:08:30 PM

Quant Time: Nov 09 01:17:30 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	9.14	196	426509	42.80	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	389325m	39.50	nq	
45) 1,1'-Biphenyl	9.32	154	1441289	41.35	nq	98
46) 2-Chloronaphthalene	9.34	162	1134077	41.71	nq	99
47) 2-Nitroaniline	9.44	65	418685	41.51	nq	# 79
48) Acenaphthylene	9.76	152	1611963	37.83	nq	100
49) Dimethylphthalate	9.63	163	2019783	60.68	nq	# 97
50) 2,6-Dinitrotoluene	9.68	165	264911	37.30	nq	92
51) Acenaphthene	9.93	154	925555	34.27	nq	99
52) 3-Nitroaniline	9.85	138	212304	27.18	nq	# 69
53) 2,4-Dinitrophenol	9.95	184	47931	12.29	nq	# 8
54) Dibenzofuran	10.10	168	1382473	37.97	nq	94
55) 4-Nitrophenol	10.02	139	447018	74.60	nq	85
56) 2,4-Dinitrotoluene	10.08	165	352047	36.54	nq	94
57) Fluorene	10.44	166	988298	33.51	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	311326	38.70	nq	# 87
59) Diethylphthalate	10.33	149	1257800	38.70	nq	96
60) 4-Chlorophenyl-phenylether	10.44	204	523681	35.49	nq	92
61) 4-Nitroaniline	10.45	138	225355	28.69	nq	# 78
62) Azobenzene	10.59	77	1319825	37.81	nq	89
64) 4,6-Dinitro-2-methylphenol	10.49	198	60903	12.73	nq	93
65) n-Nitrosodiphenylamine	10.56	169	991270	40.86	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	300444	37.16	nq	# 71
67) Hexachlorobenzene	10.99	284	316965	35.11	nq	# 89
68) Atrazine	11.08	200	274272	36.56	nq	96
69) Pentachlorophenol	11.18	266	337376	61.53	nq	99
70) Phenanthrene	11.40	178	1448742	37.15	nq	100
71) Anthracene	11.46	178	1491048	36.30	nq	97
72) Carbazole	11.61	167	1303269	36.24	nq	98
73) Di-n-butylphthalate	11.95	149	1663477	37.13	nq	# 97
74) Fluoranthene	12.59	202	1505922	35.99	nq	99
76) Benzidine	12.71	184	516396	32.48	nq	99
77) Pyrene	12.82	202	1494925	45.89	nq	98
79) Butylbenzylphthalate	13.44	149	594068	41.28	nq	94
80) Benzo(a)anthracene	14.01	228	1218129	41.06	nq	97
81) 3,3'-Dichlorobenzidine	13.96	252	372106	35.28	nq	98
82) Chrysene	14.04	228	1172429	43.15	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	785716	39.89	nq	99
84) Di-n-octyl phthalate	14.61	149	1171826	35.66	nq	97
85) Indeno(1,2,3-cd)pyrene	16.84	276	756202	32.32	nq	99
87) Benzo(b)fluoranthene	15.04	252	967703m	37.61	nq	
88) Benzo(k)fluoranthene	15.07	252	918487m	40.24	nq	
89) Benzo(a)pyrene	15.39	252	918724	41.21	nq	# 98
90) Dibenzo(a,h)anthracene	16.85	278	640462	33.93	nq	99
91) Benzo(g,h,i)perylene	17.25	276	596335	32.98	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

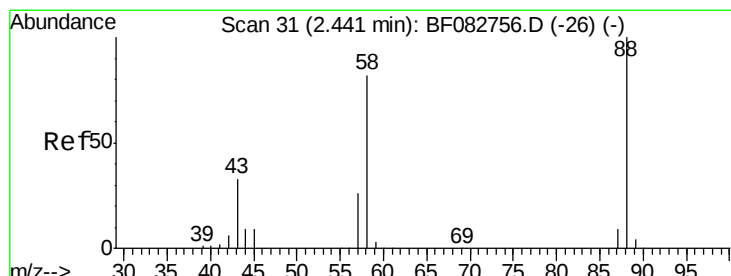
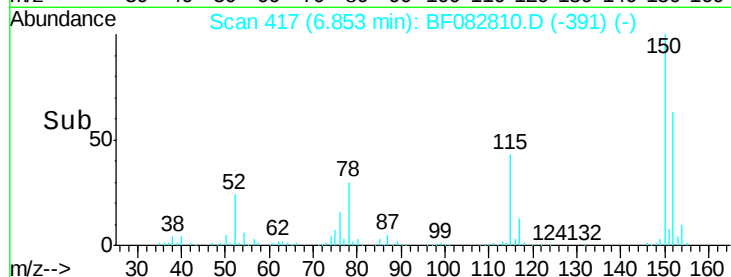
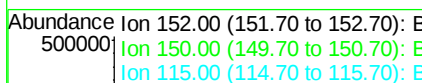
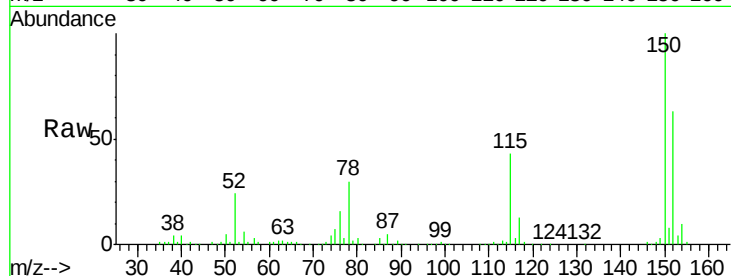
ClientSampleId :

T-14CMS

Tot Ion:	152	Resp:	190481
Ion Ratio	Lower	Upper	
152	100		
150	159.4	127.0	190.4
115	68.5	47.0	70.6

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



#2

1,4-Dioxane

Concen: 42.42 ng

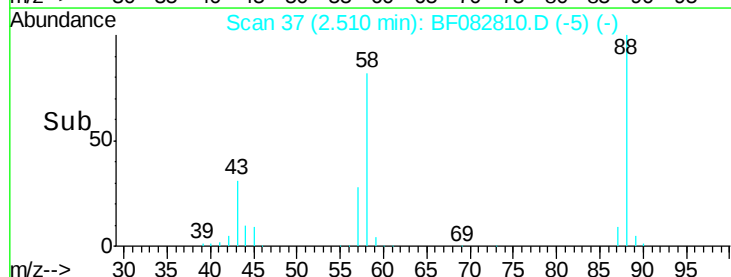
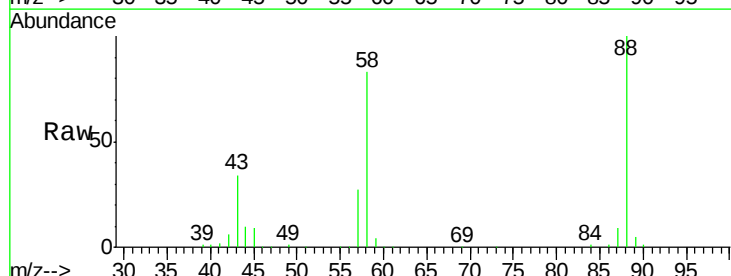
RT: 2.51 min Scan# 37

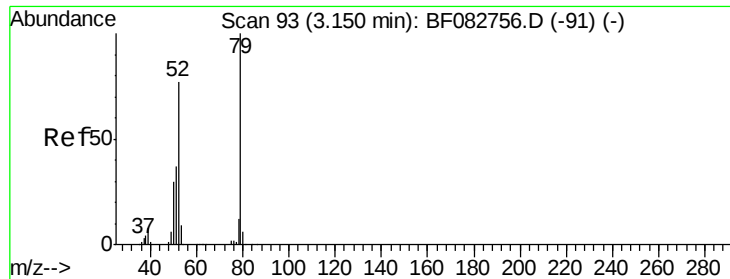
Delta R.T. 0.07 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	88	Resp:	224056
Ion Ratio	Lower	Upper	
88	100		
58	80.4	62.0	93.0
43	32.7	26.6	40.0





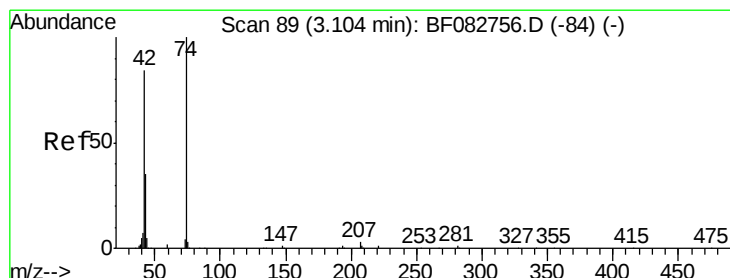
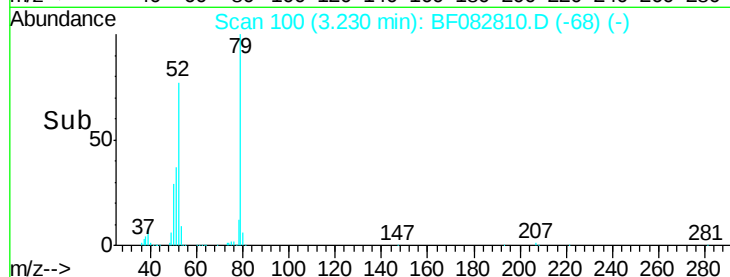
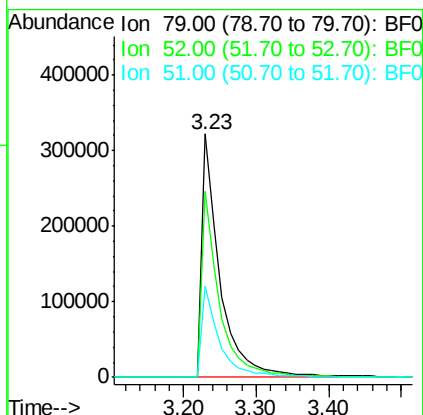
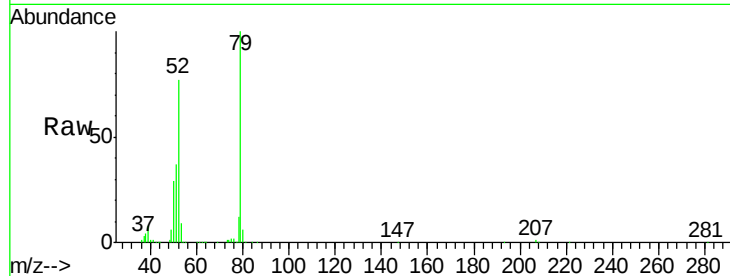
#3
 Pvridine
 Concen: 36.30 ng
 RT: 3.23 min Scan# 100
 Delta R.T. 0.07 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.6	62.8	94.2
51	37.5	32.0	48.0

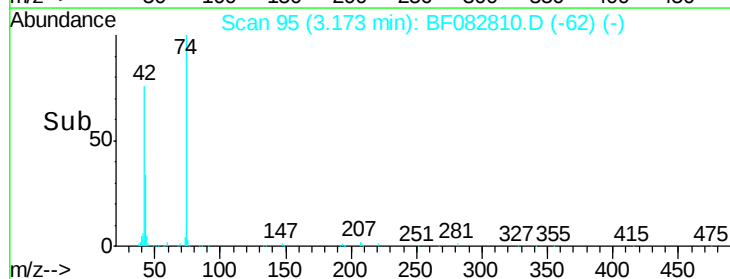
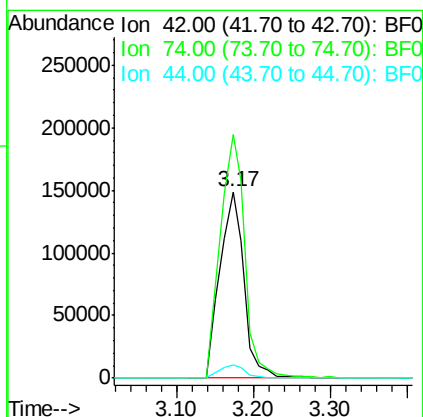
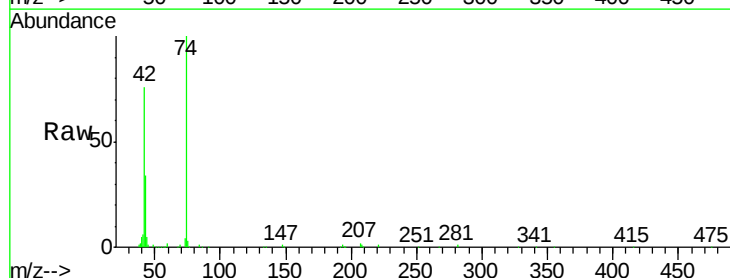
Manual Integrations
 APPROVED

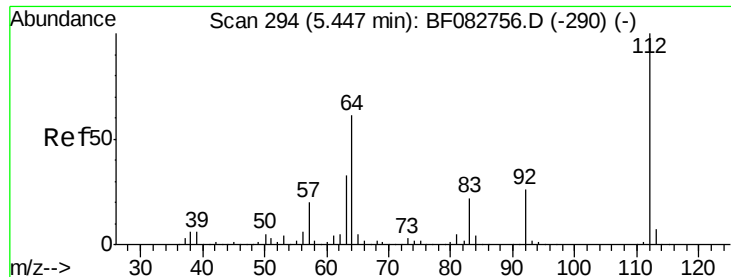
Mmdadoda
 11/9/2015 2:08:30 PM



#4
 n-Nitrosodimethylamine
 Concen: 43.43 ng
 RT: 3.17 min Scan# 95
 Delta R.T. 0.08 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.9	87.0	130.4#
44	6.8	5.8	8.8





#5

2-Fluorophenol

Concen: 111.49 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

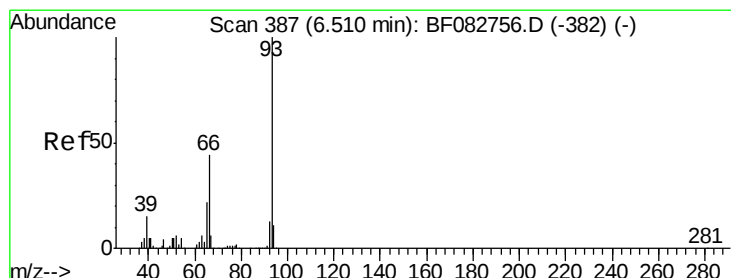
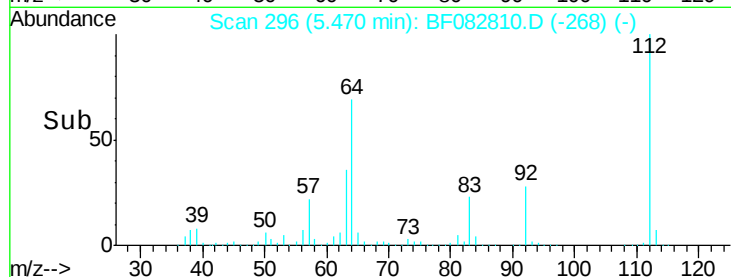
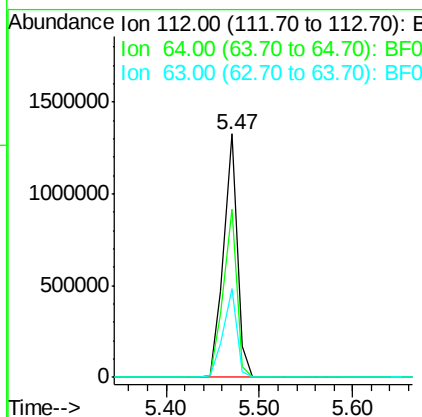
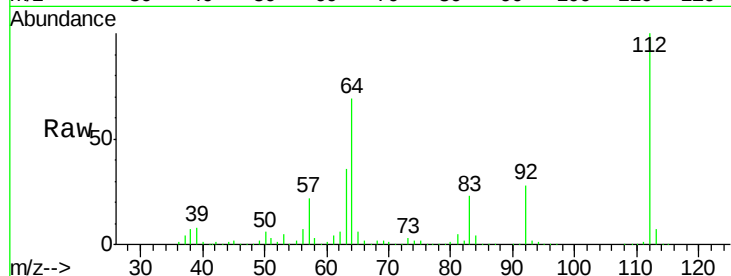
ClientSampled :

T-14CMS

Tot Ion:	112	Resp:	1364942
Ion Ratio	Lower	Upper	
112	100		
64	68.9	48.9	73.3
63	36.3	28.1	42.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



#6

Aniline

Concen: 16.35 ng

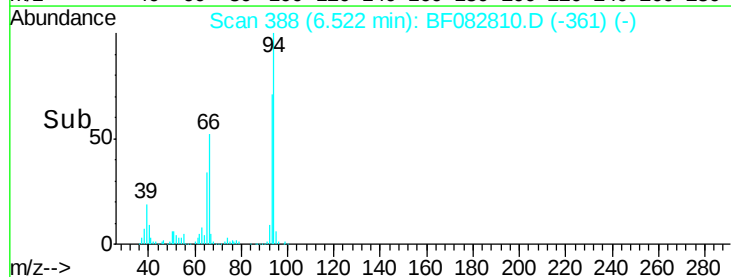
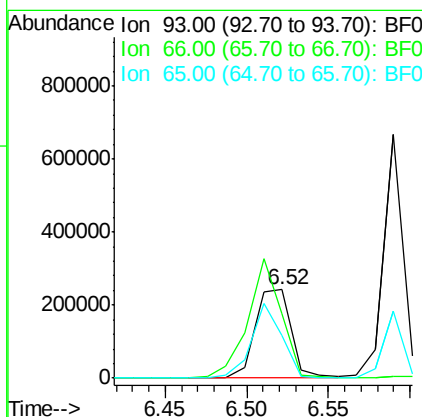
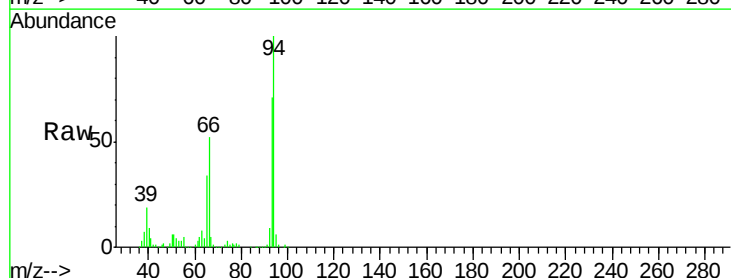
RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	93	Resp:	373503
Ion Ratio	Lower	Upper	
93	100		
66	73.0	33.6	50.4#
65	47.7	18.1	27.1#





#7

Phenol-d6

Concen: 121.78 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

Tot Ion: 99 Resp: 1982013

Ion Ratio Lower Upper

99 100

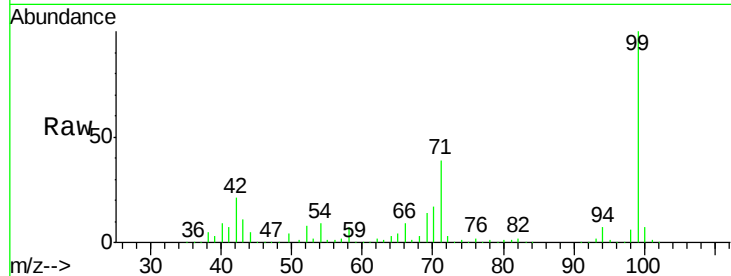
42 21.2 19.2 28.8

71 39.2 35.0 52.4

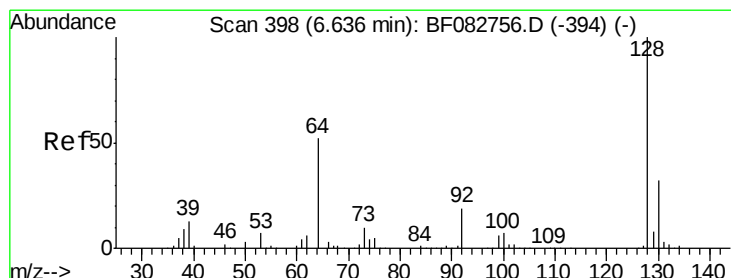
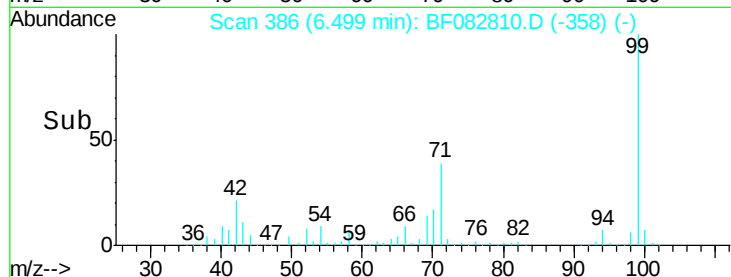
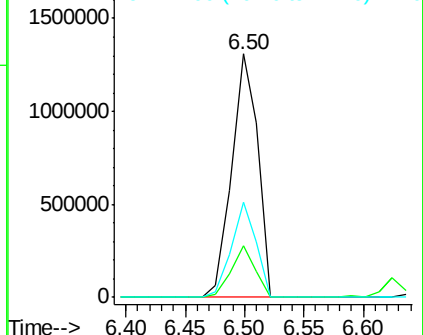
Manual Integrations
APPROVED

Mmdadoda

11/9/2015 2:08:30 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.05 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

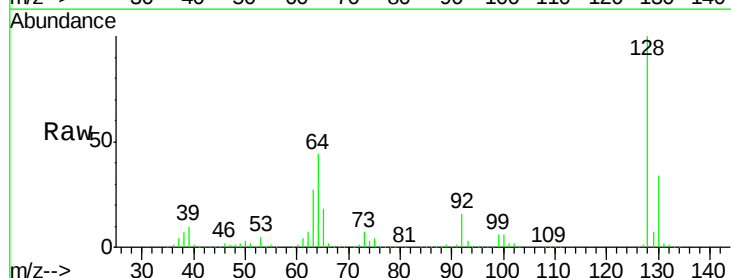
Tgt Ion: 128 Resp: 570600

Ion Ratio Lower Upper

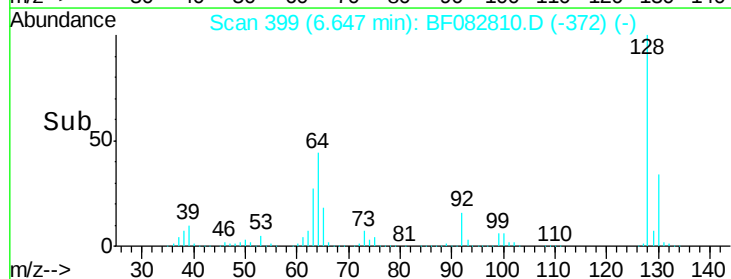
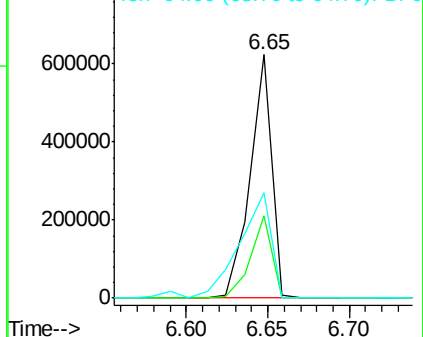
128 100

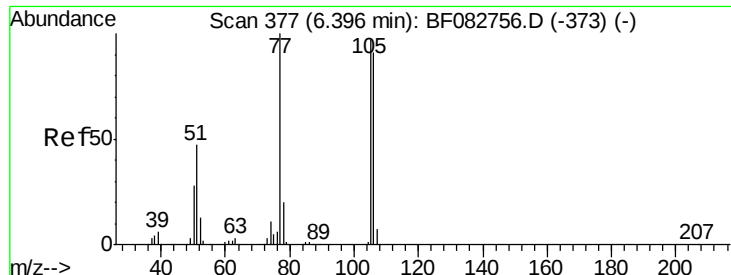
130 33.6 13.5 53.5

64 43.5 21.1 61.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.67 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

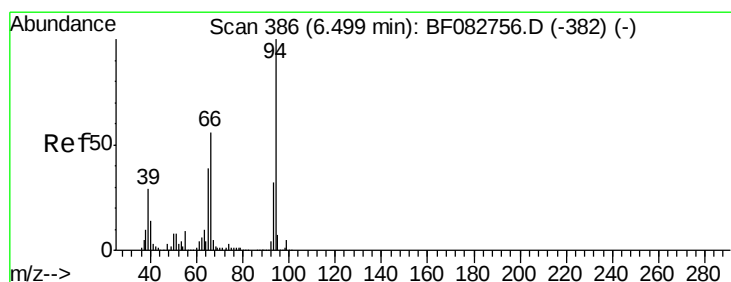
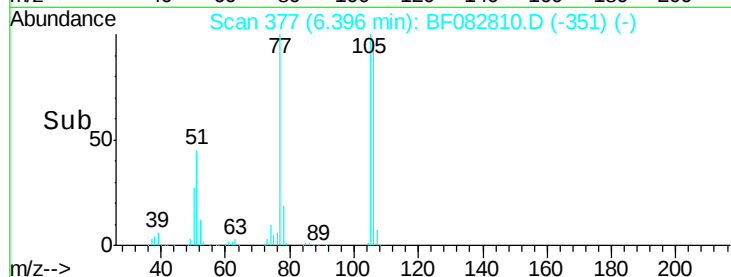
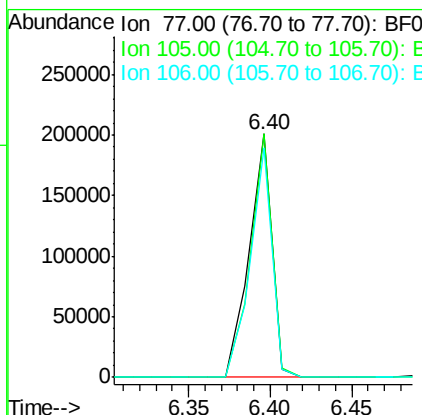
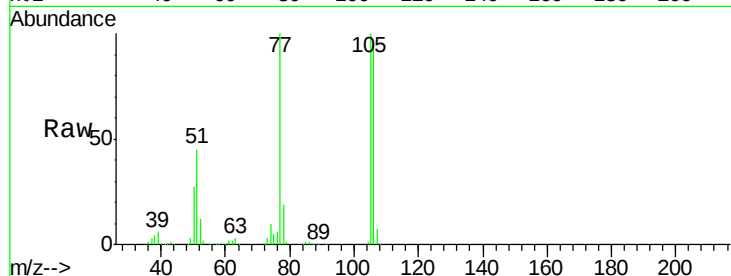
ClientSampled :

T-14CMS

Tot Ion:	77	Resp:	194822
Ion	Ratio	Lower	Upper
77	100		
105	99.9	63.5	103.5
106	94.3	59.3	99.3

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



#10

Phenol

Concen: 32.48 ng

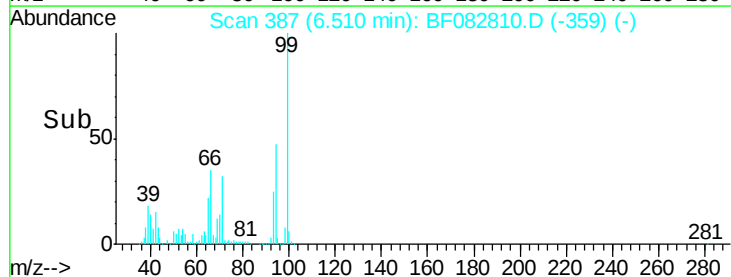
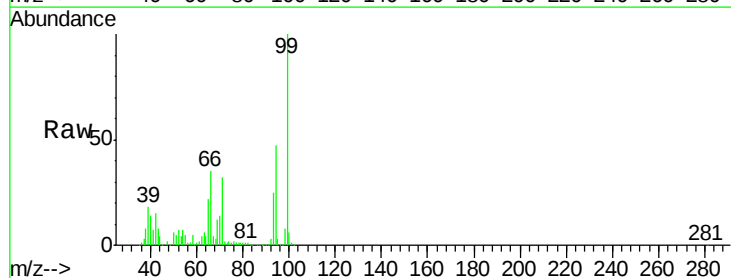
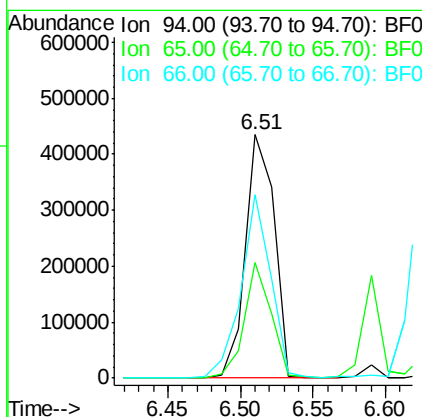
RT: 6.51 min Scan# 387

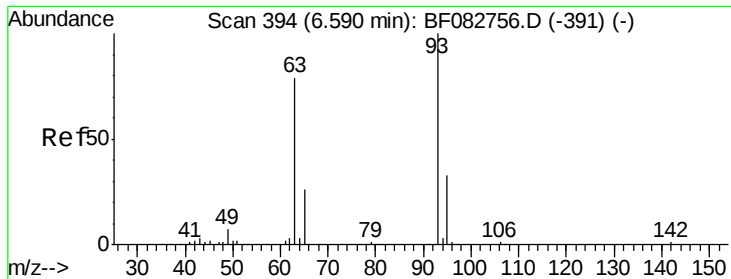
Delta R.T. 0.02 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	94	Resp:	599762
Ion	Ratio	Lower	Upper
94	100		
65	47.2	18.9	58.9
66	75.2	34.9	74.9#





#11

bis(2-Chloroethyl)ether

Concen: 40.87 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

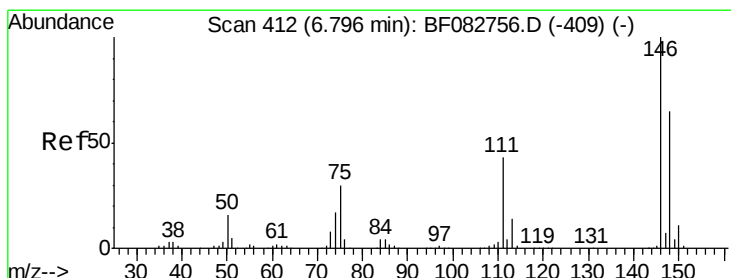
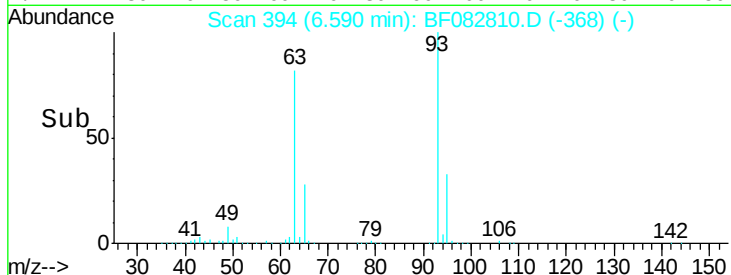
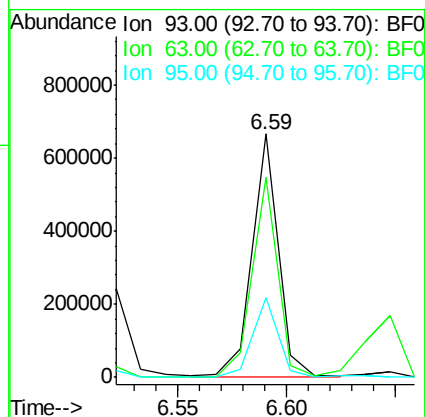
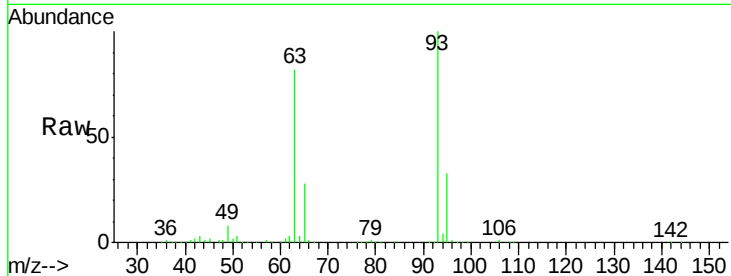
ClientSampleId :

T-14CMS

Tot Ion:	93	Resp:	564448
Ion	Ratio	Lower	Upper
93	100		
63	82.4	72.7	112.7
95	32.7	12.0	52.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



#12

1,3-Dichlorobenzene

Concen: 38.89 ng m

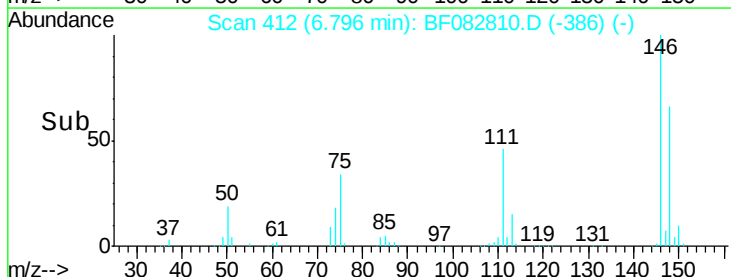
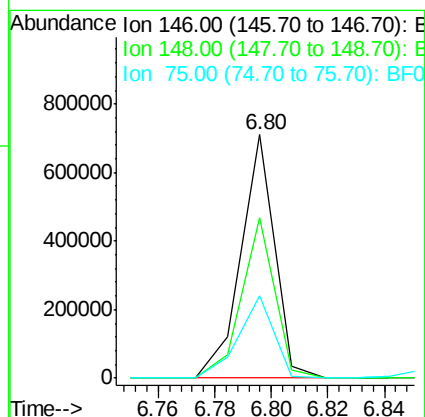
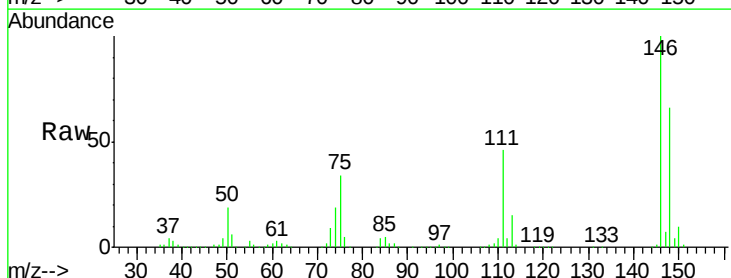
RT: 6.80 min Scan# 412

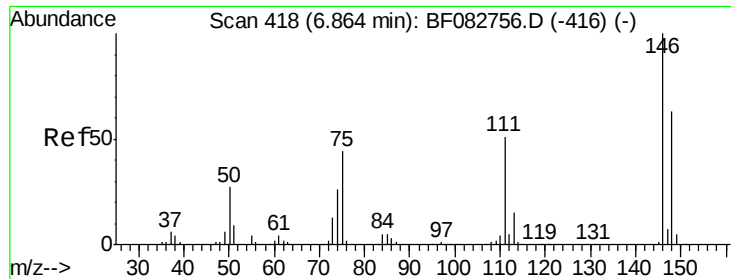
Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	146	Resp:	595317
Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.5	75.7
75	33.9	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 36.69 ng/mL

RT: 6.88 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

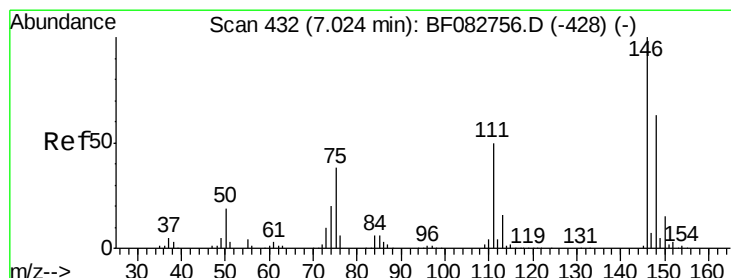
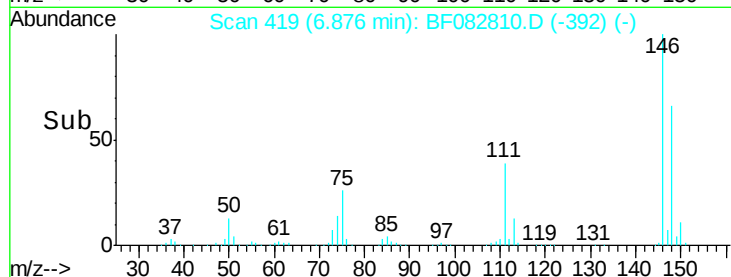
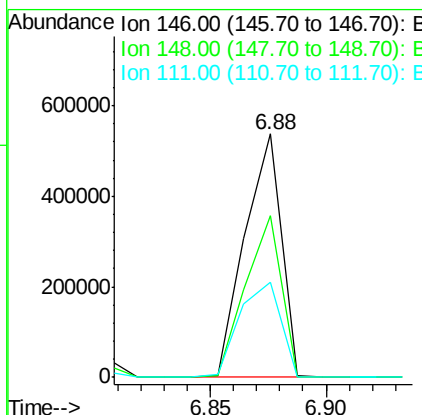
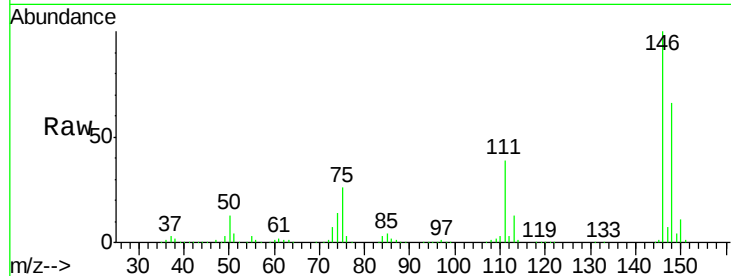
ClientSampleId :

T-14CMS

Tot Ion:	146	Resp:	584255
Ion Ratio	Lower	Upper	
146	100		
148	66.2	50.8	76.2
111	38.9	40.6	60.8#

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



#14

1,2-Dichlorobenzene

Concen: 36.45 ng/mL

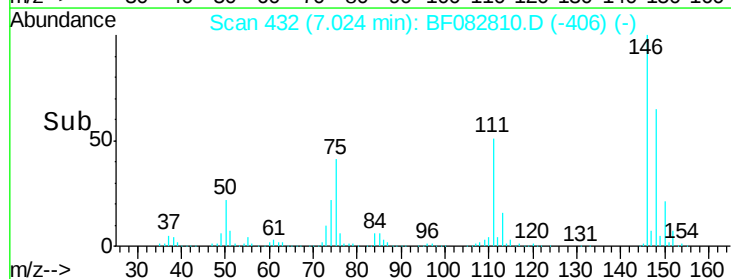
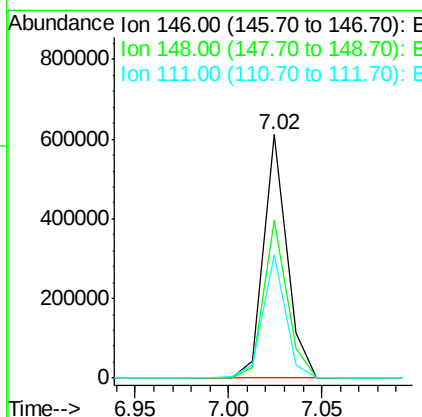
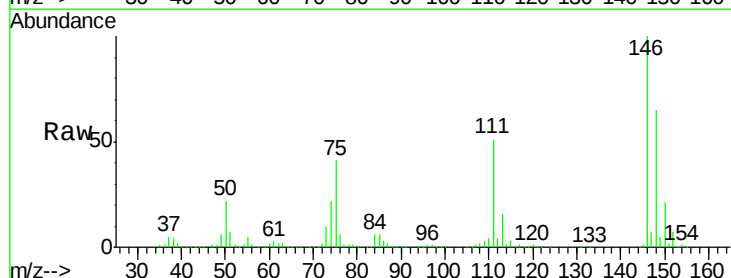
RT: 7.02 min Scan# 432

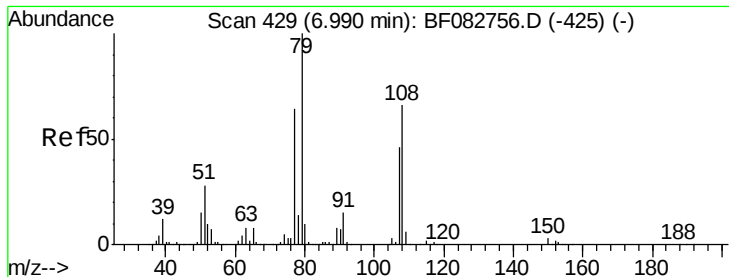
Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	146	Resp:	527881
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.4
111	50.7	36.6	55.0





#15

Benzyl Alcohol

Concen: 38.68 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

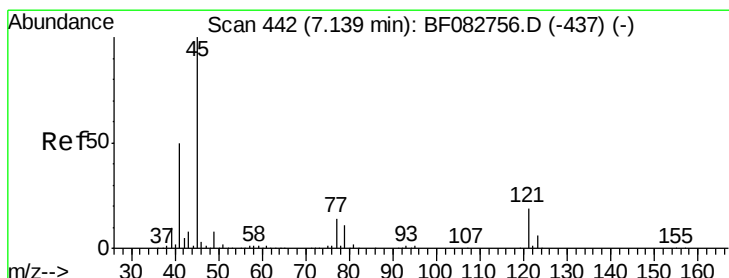
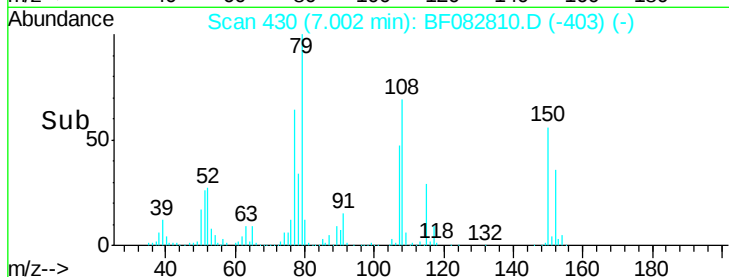
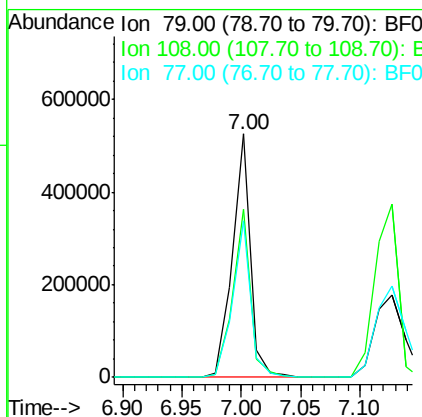
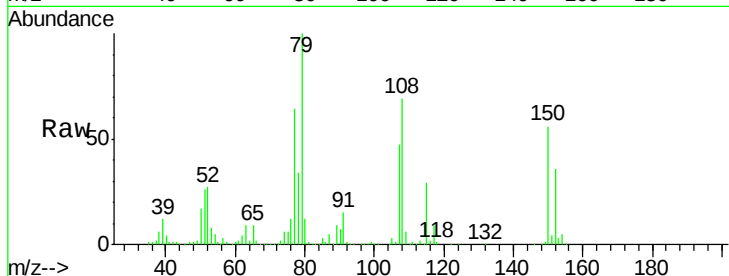
ClientSampleId :

T-14CMS

Tot Ion:	79	Resp:	552776
Ion	Ratio	Lower	Upper
79	100		
108	68.9	52.2	78.4
77	64.1	52.7	79.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.05 ng

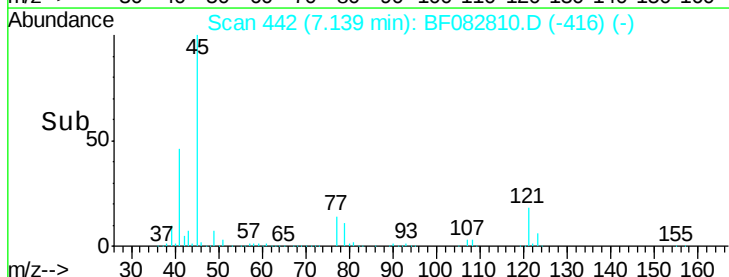
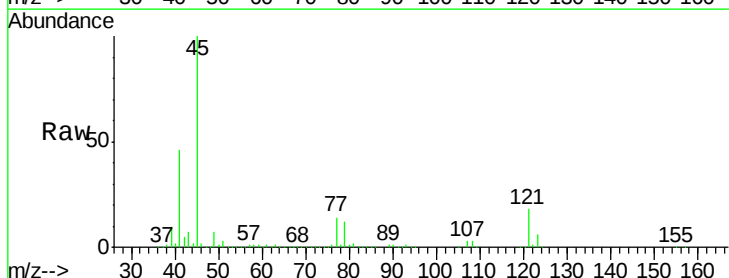
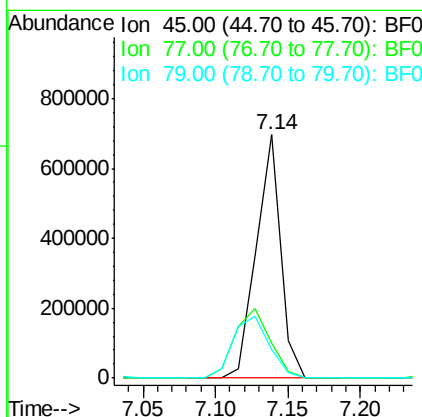
RT: 7.14 min Scan# 442

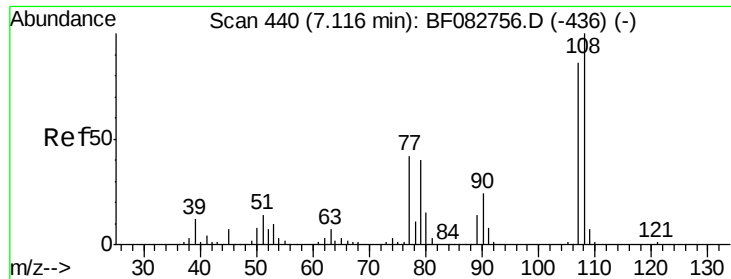
Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	45	Resp:	811247
Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	32.6
79	11.6	0.0	29.2





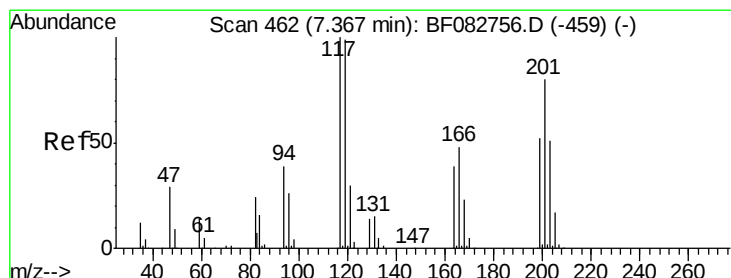
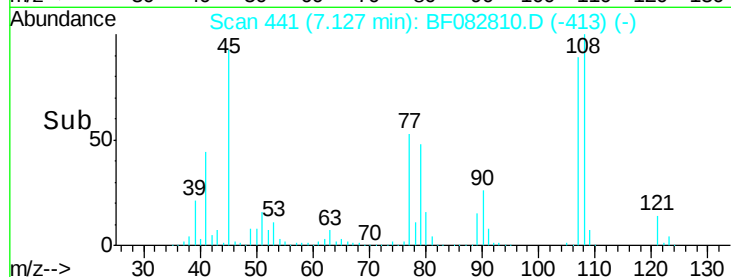
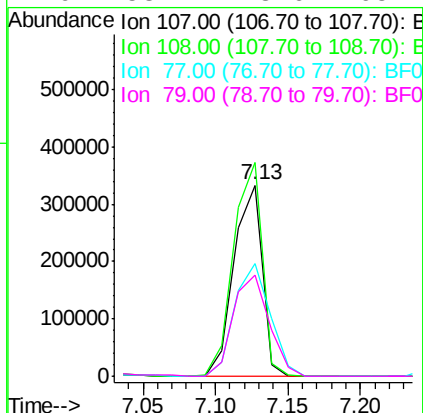
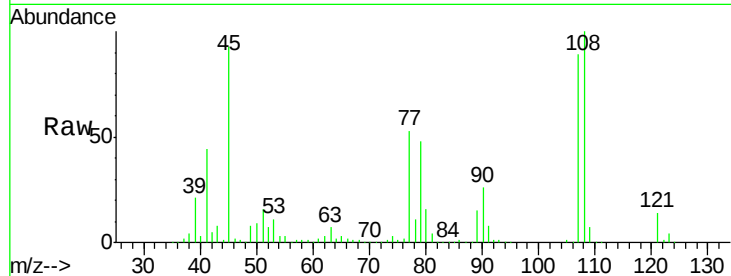
#17
2-Methylphenol
Concen: 39.39 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.02 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	452827		
108	111.9	93.0	139.4	
77	59.2	44.1	66.1	
79	53.1	43.6	65.4	

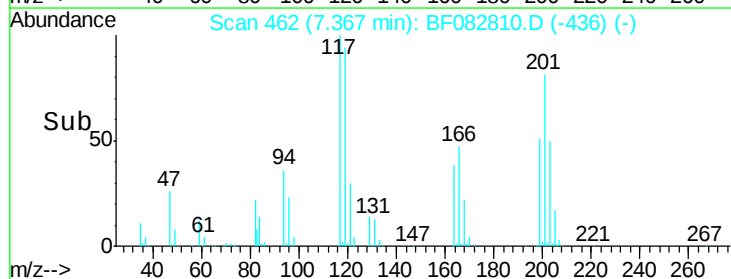
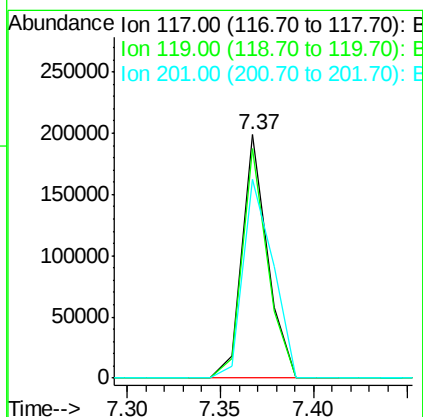
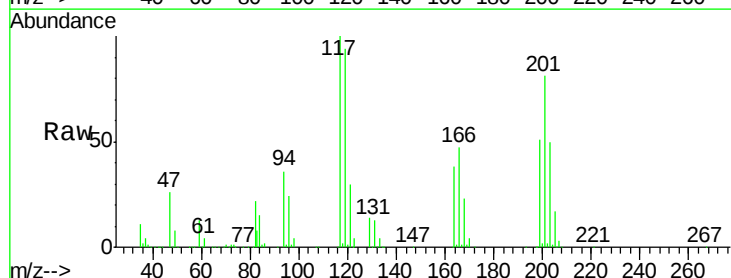
Manual Integrations
APPROVED

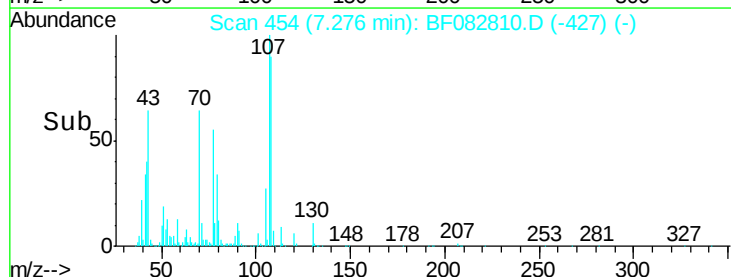
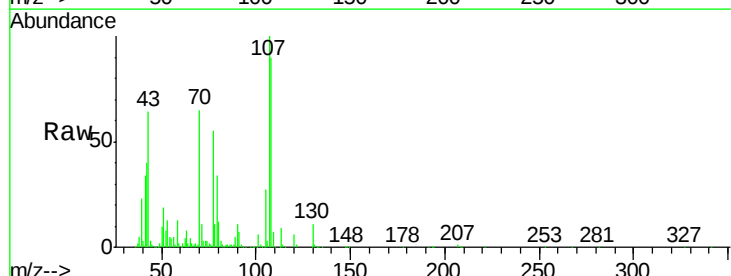
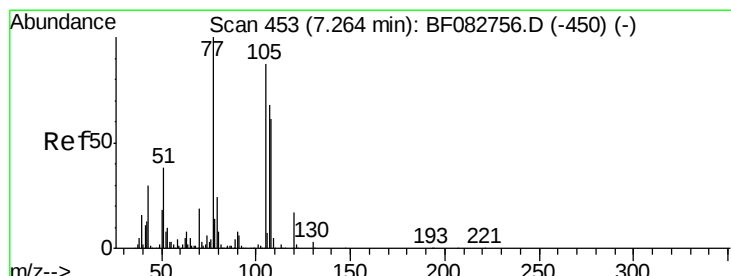
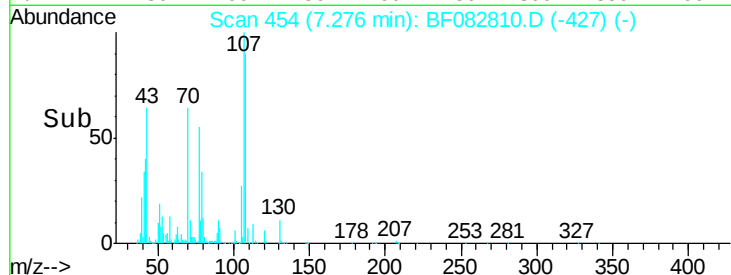
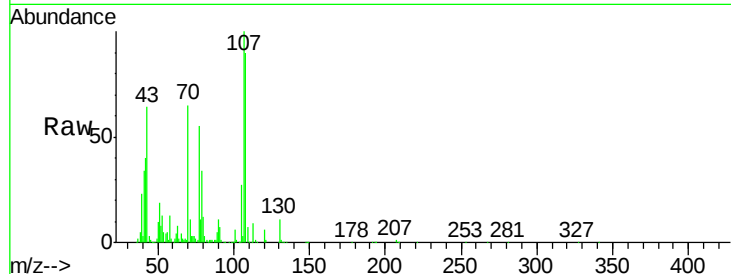
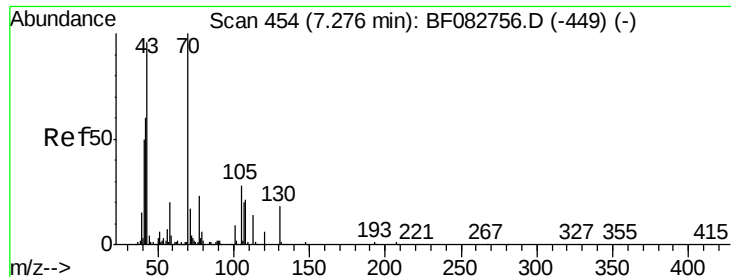
Mmdadoda
11/9/2015 2:08:30 PM



#18
Hexachloroethane
Concen: 33.10 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	188507		
119	94.3	77.7	116.5	
201	81.5	66.7	100.1	





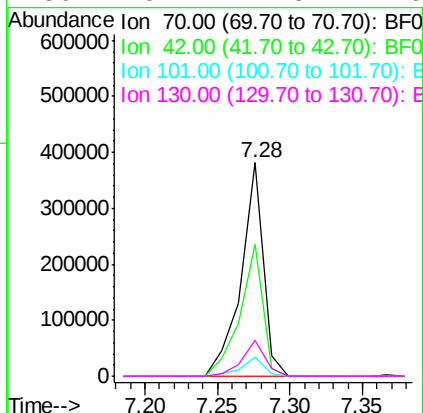
#19
n-Nitroso-di-n-propylamine
Concen: 34.23 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	57.7	86.5
101	8.8	7.0	10.6
130	16.7	11.8	17.6

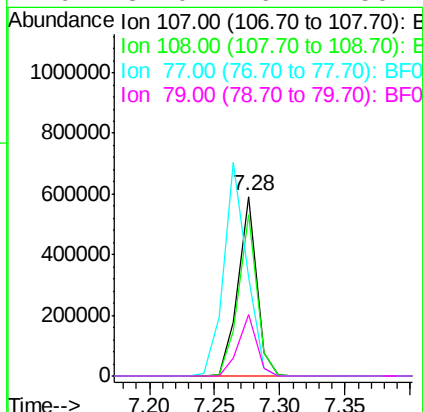
Manual Integrations
APPROVED

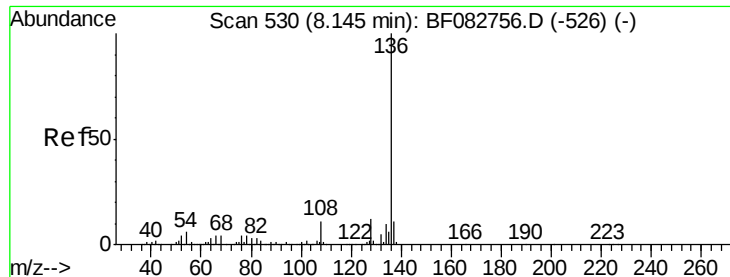
Mmdadoda
11/9/2015 2:08:30 PM



#20
3+4-Methylphenols
Concen: 39.30 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	67.3	107.3
77	54.8	100.3	140.3#
79	34.0	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

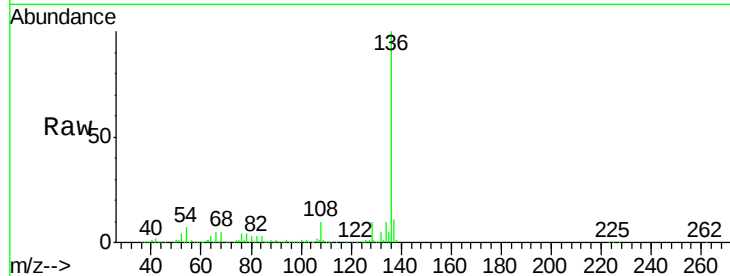
ClientSampleId :

T-14CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		936505		
137	11.1		9.1	13.7	
54	7.1		9.1	13.7	
68	5.5		4.8	7.2	

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM

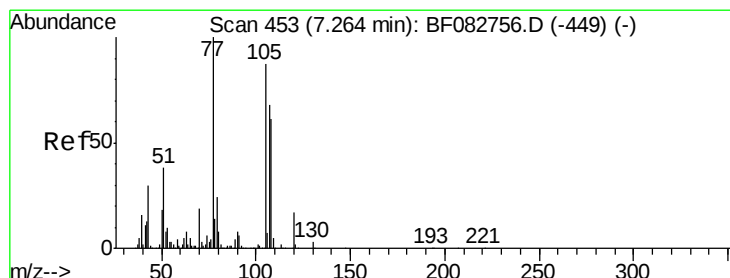
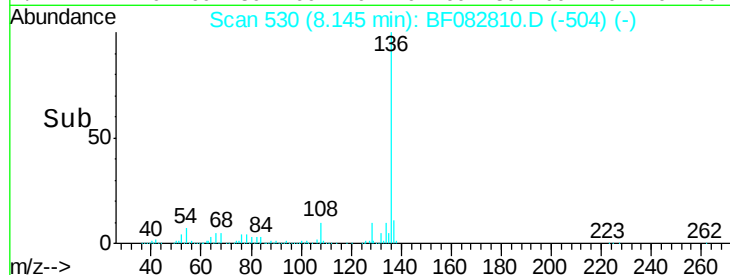
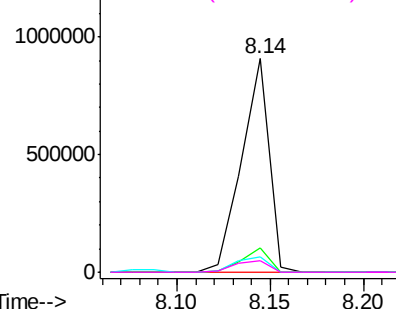


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 29.19 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

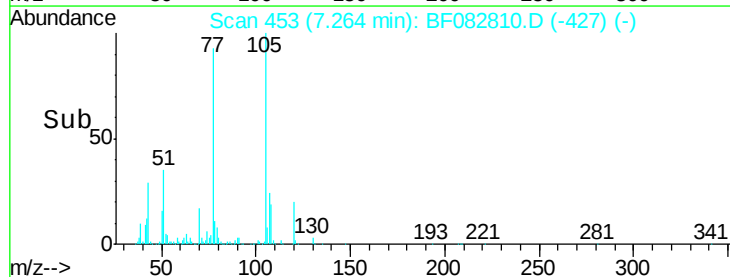
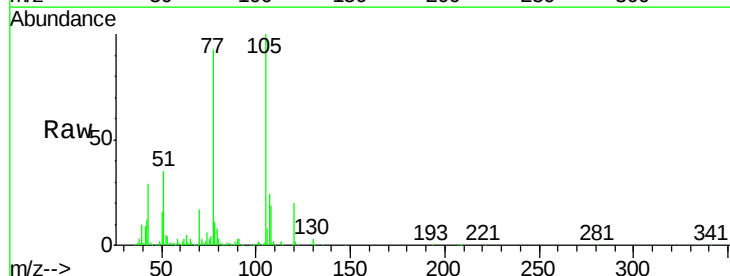
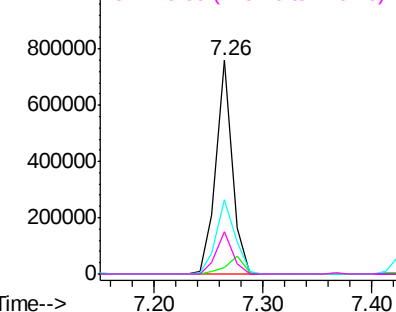
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		783350		
71	2.9		5.6	8.4	
51	34.8		24.9	37.3	
120	19.9		15.8	23.8	

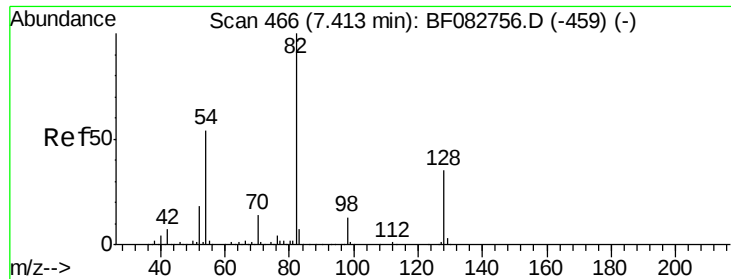
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





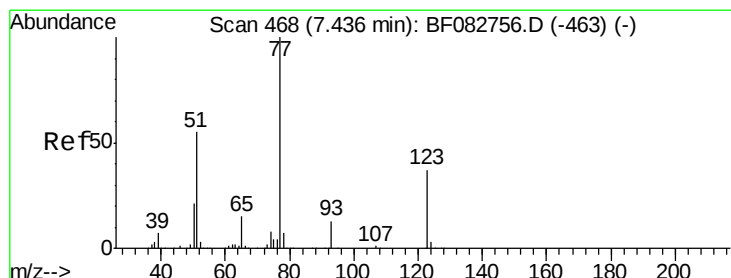
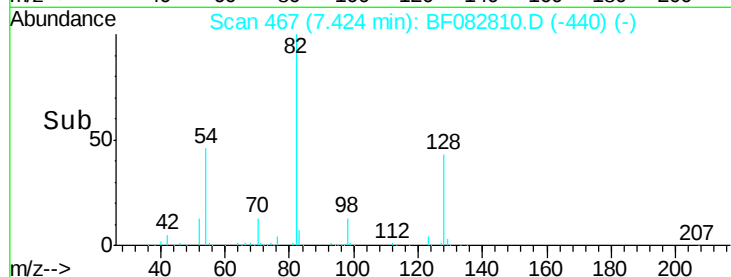
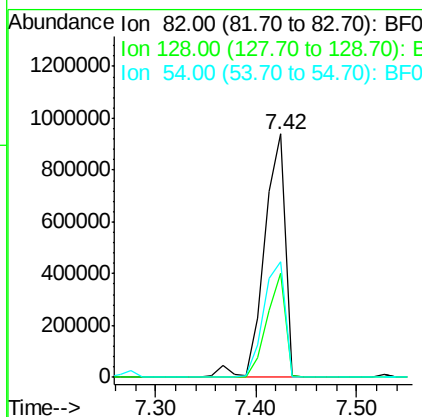
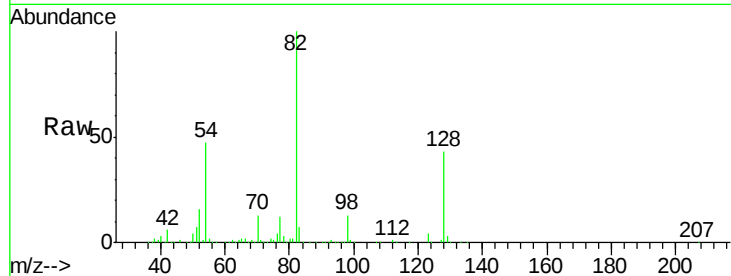
#23
 Nitrobenzene-d5
 Concen: 62.59 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion: 82 Resp: 1347093
 Ion Ratio Lower Upper
 82 100
 128 42.9 26.8 40.2#
 54 47.3 45.7 68.5

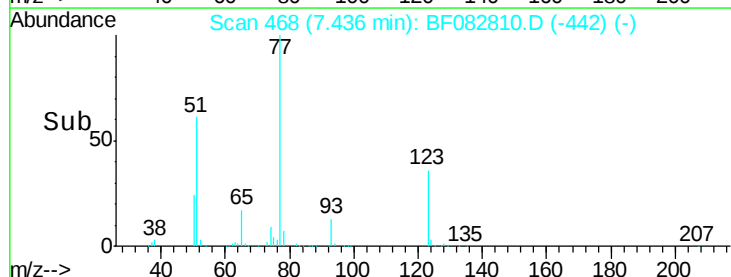
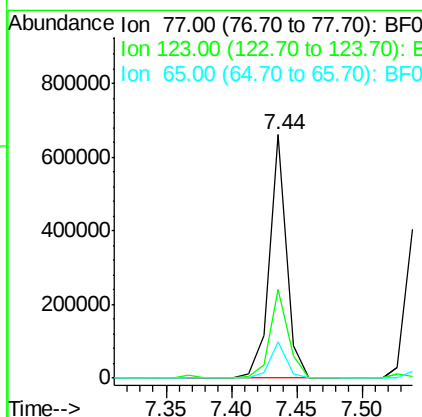
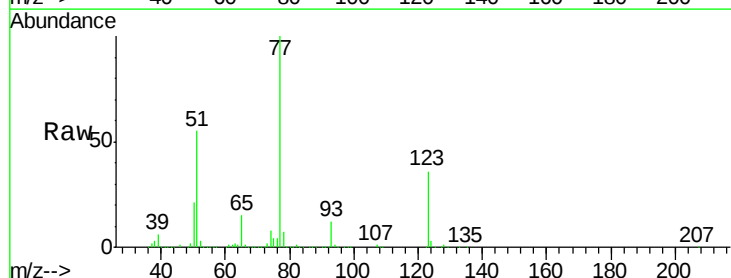
Manual Integrations
 APPROVED

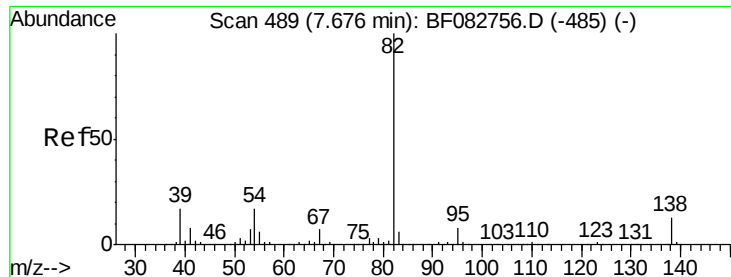
Mmdadoda
 11/9/2015 2:08:30 PM



#24
 Nitrobenzene
 Concen: 27.37 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion: 77 Resp: 602387
 Ion Ratio Lower Upper
 77 100
 123 36.4 36.4 54.6
 65 15.0 11.5 17.3





#25

Isophorone

Concen: 29.13 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

Tot Ion: 82 Resp: 1160203

Ion Ratio Lower Upper

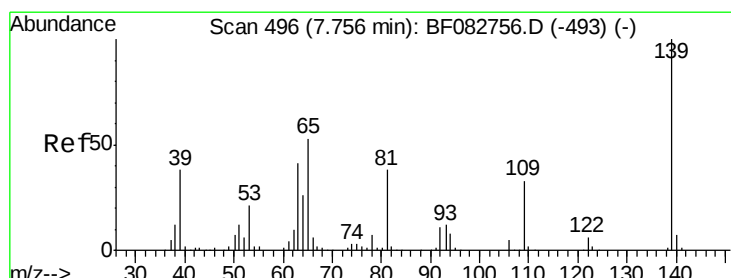
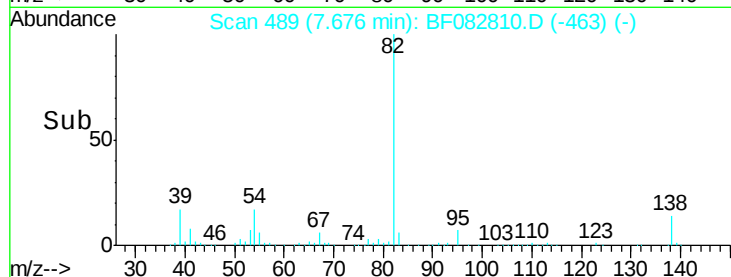
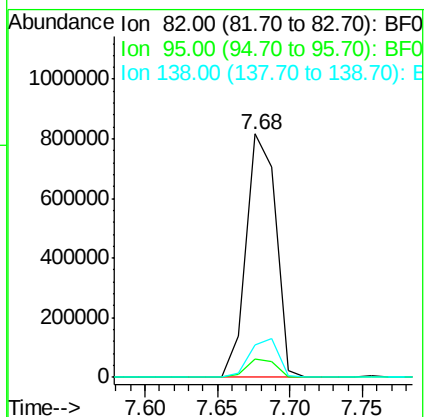
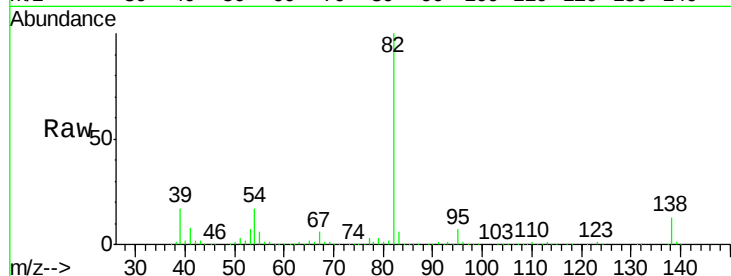
82 100

95 7.3 6.6 9.8

138 13.4 11.4 17.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



#26

2-Nitrophenol

Concen: 29.75 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

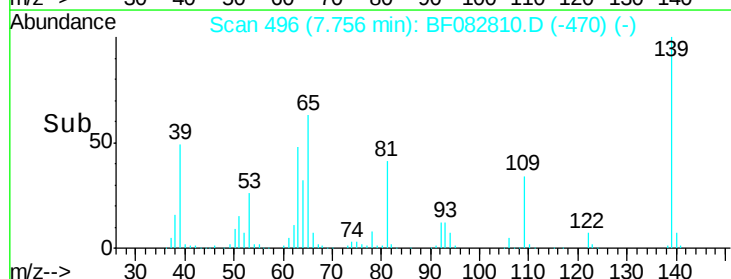
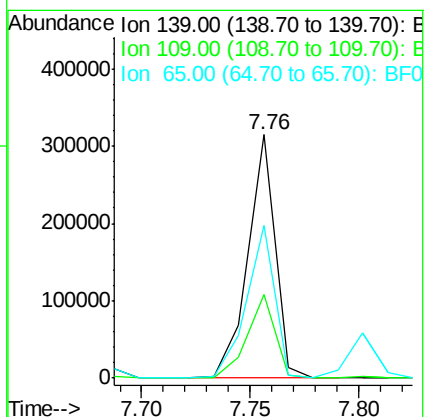
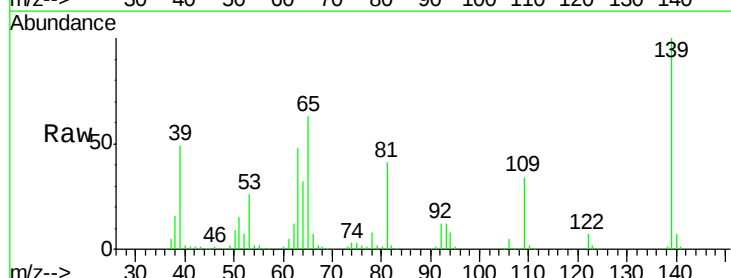
Tgt Ion: 139 Resp: 273319

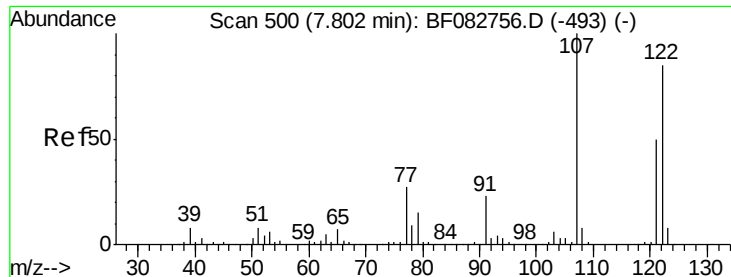
Ion Ratio Lower Upper

139 100

109 34.3 37.6 56.4#

65 62.6 70.6 105.8#





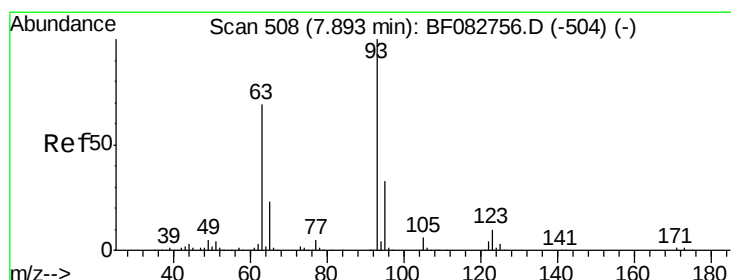
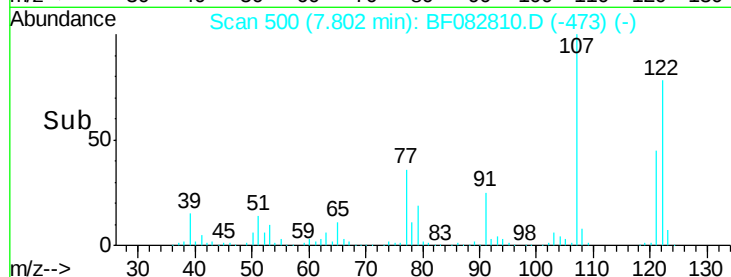
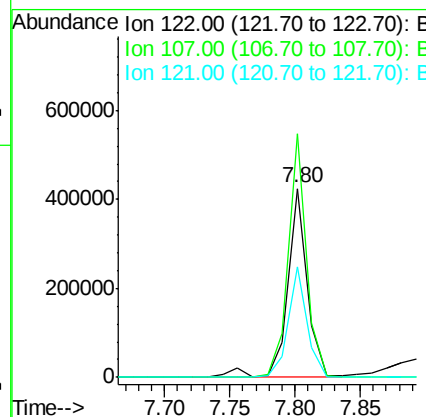
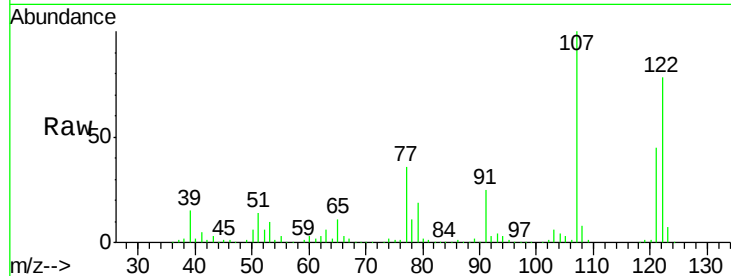
#27
 2,4-Dimethylphenol
 Concen: 27.32 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.01 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	129.0	106.0	159.0	
121	58.5	46.7	70.1	

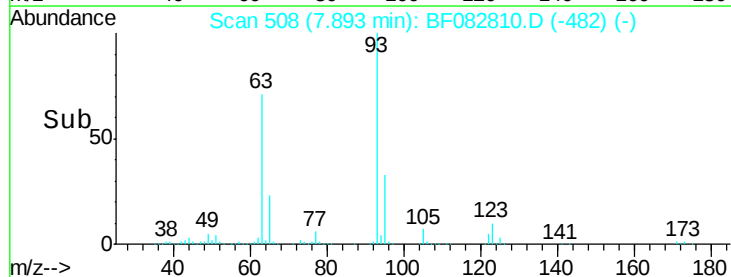
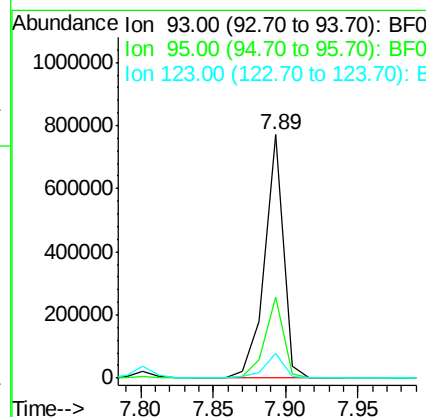
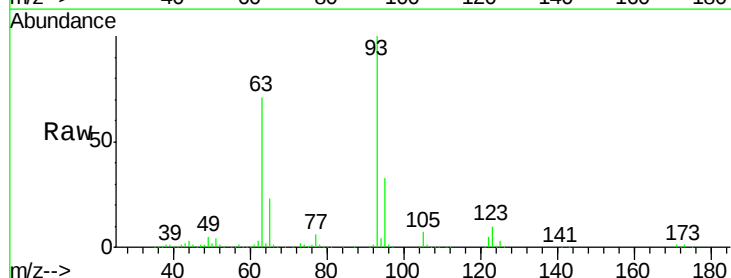
Manual Integrations
 APPROVED

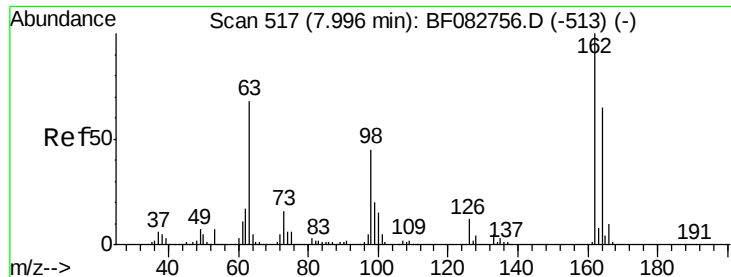
Mmdadoda
 11/9/2015 2:08:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.83 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.3	26.6	40.0	
123	10.1	9.7	14.5	





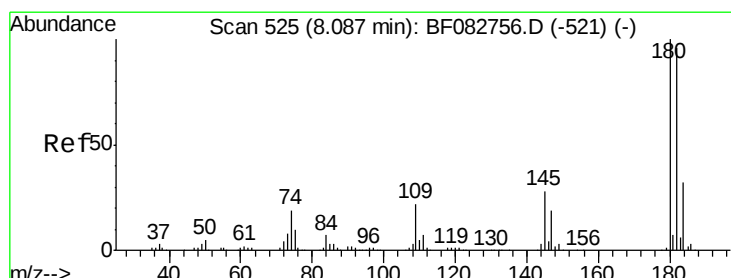
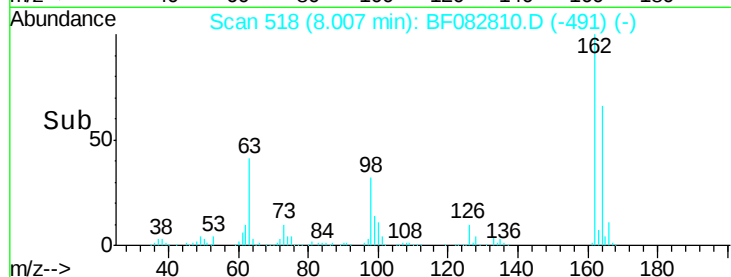
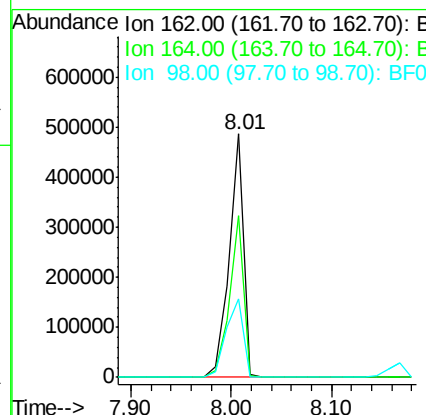
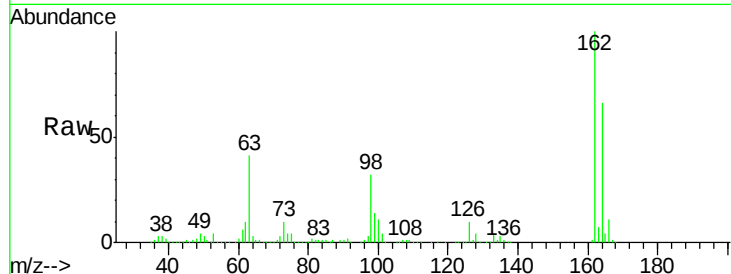
#29
2,4-Dichlorophenol
Concen: 32.24 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	480948		
164	66.2	46.8	86.8	
98	32.0	12.5	52.5	

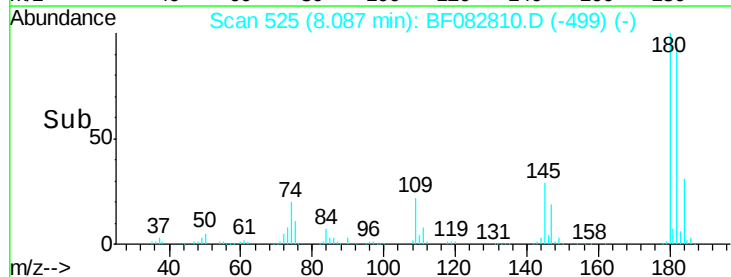
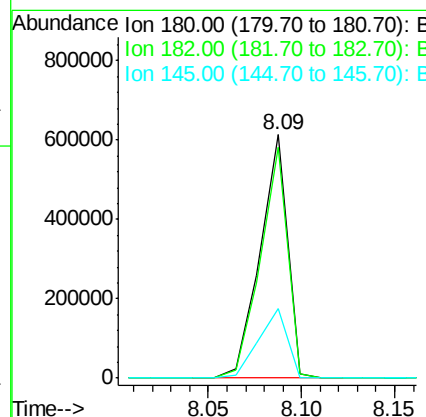
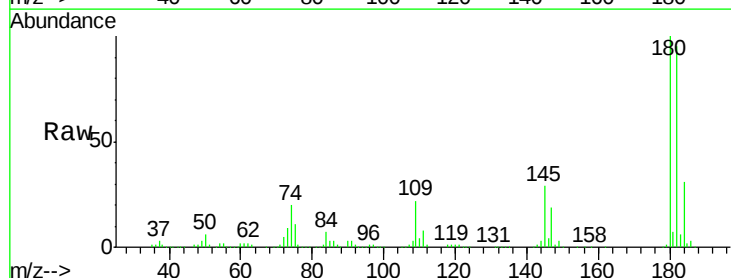
Manual Integrations
APPROVED

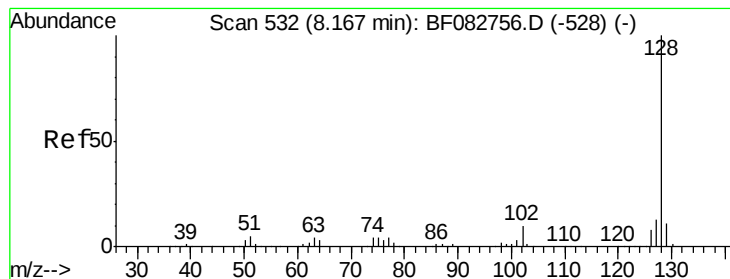
Mmdadoda
11/9/2015 2:08:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 36.98 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	620452		
182	94.9	74.9	112.3	
145	28.7	27.8	41.8	





#31

Naphthalene

Concen: 37.64 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

Tot Ion:128 Resp: 1944710

Ion Ratio Lower Upper

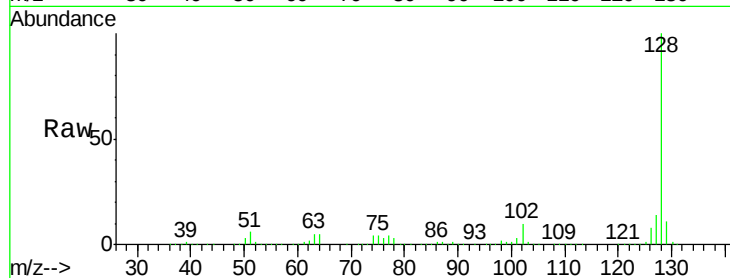
128 100

129 11.5 9.5 14.3

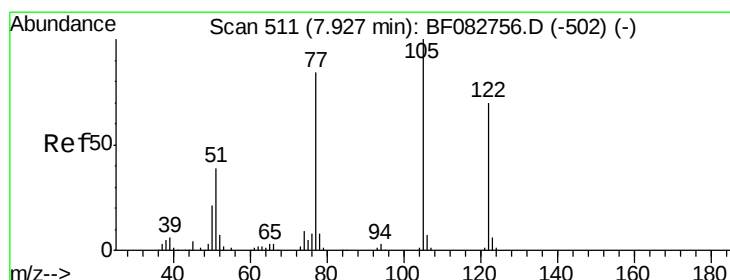
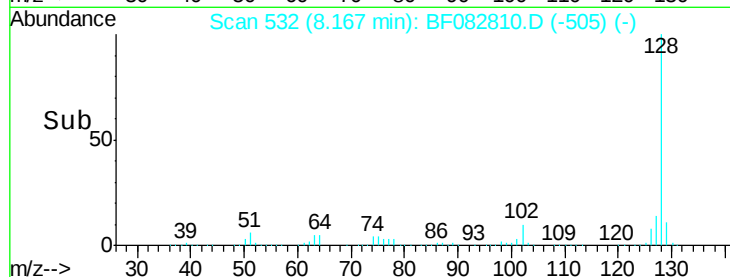
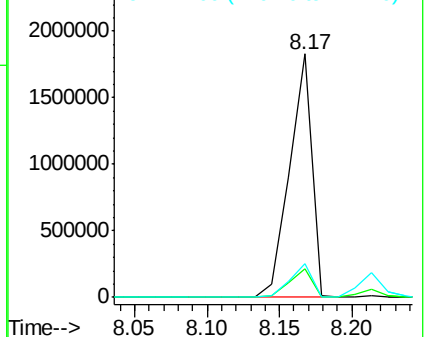
127 13.8 11.4 17.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 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: 8.83 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

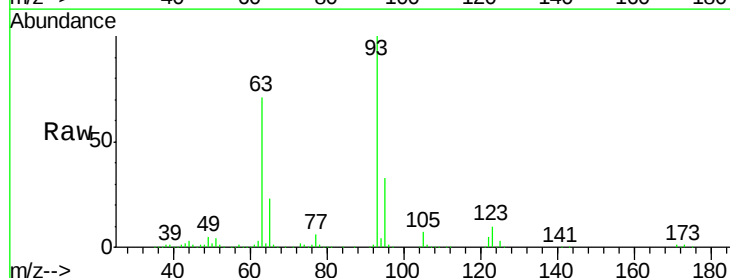
Tgt Ion:122 Resp: 99779

Ion Ratio Lower Upper

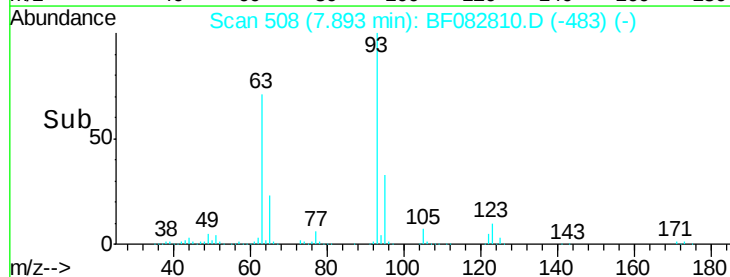
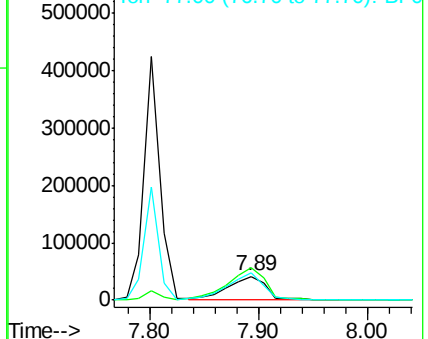
122 100

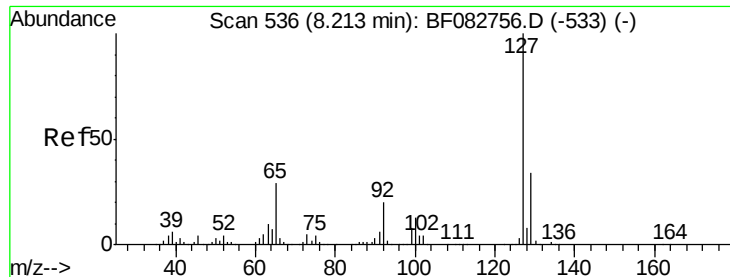
105 134.0 122.6 162.6

77 112.3 100.9 140.9



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





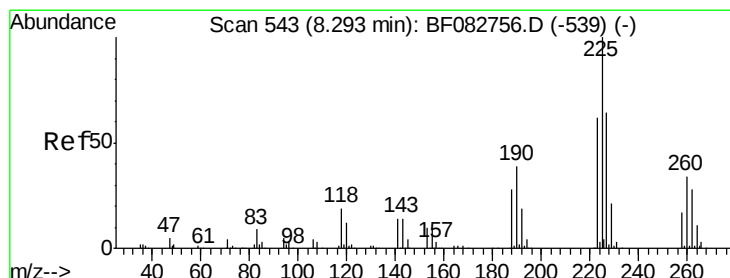
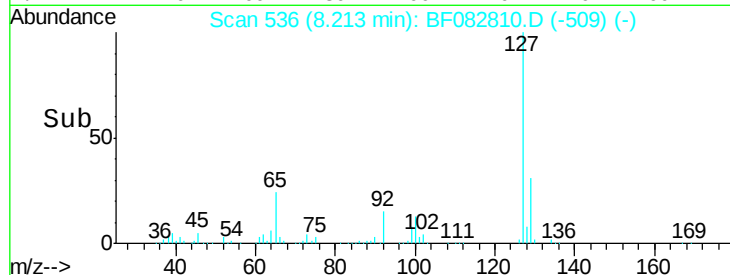
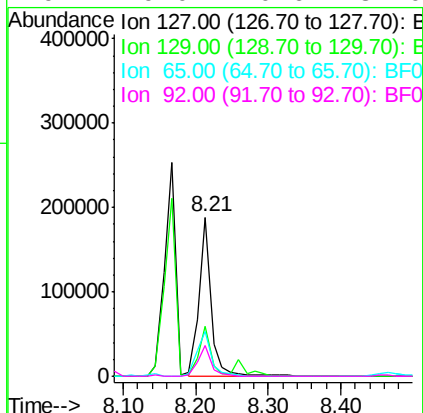
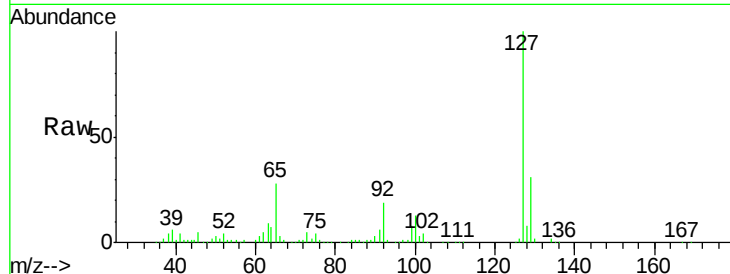
#33
4-Chloroaniline
Concen: 9.89 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	26.3	39.5	
65	27.9	37.8	56.8	
92	19.0	20.6	31.0	

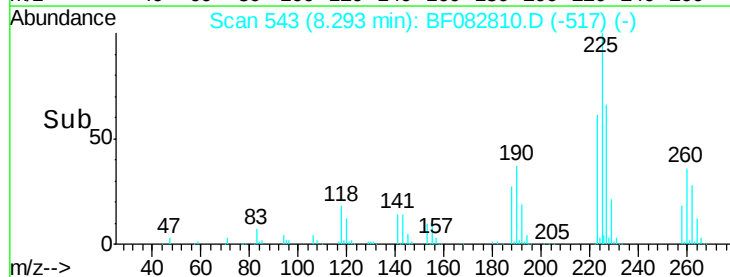
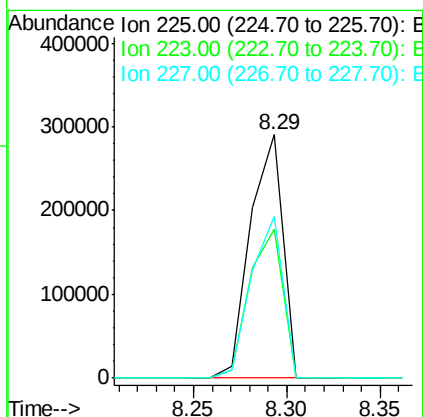
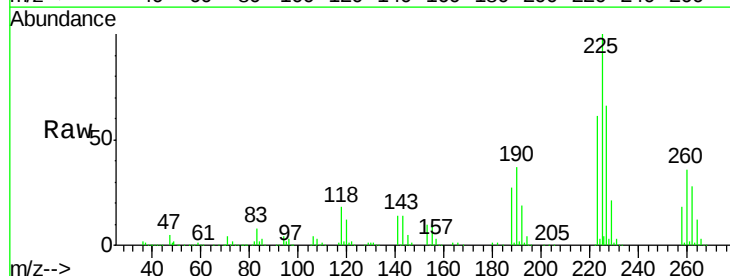
Manual Integrations
APPROVED

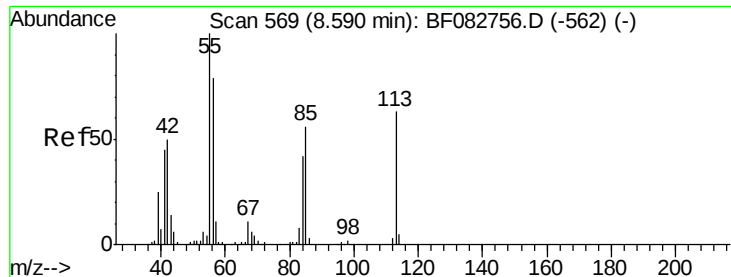
Mmdadoda
11/9/2015 2:08:30 PM



#34
Hexachlorobutadiene
Concen: 33.30 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	50.5	75.7	
227	66.2	50.2	75.2	





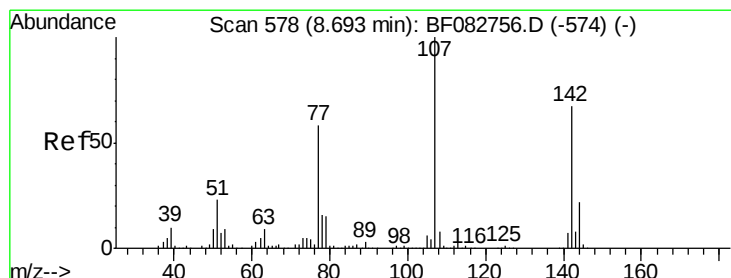
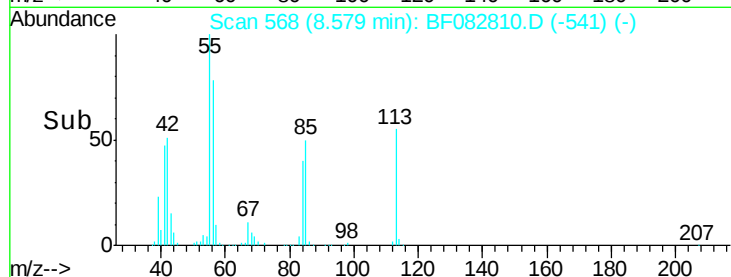
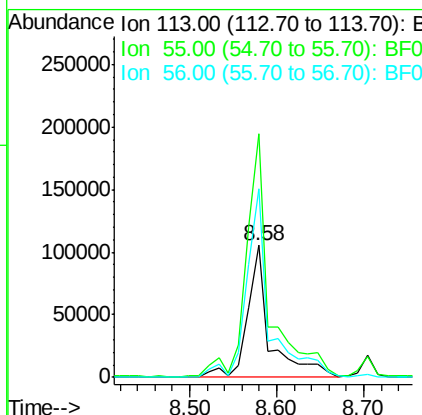
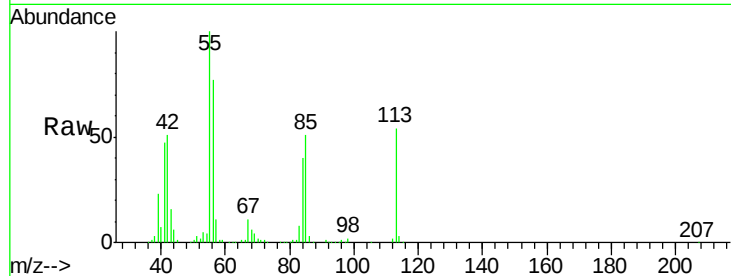
#35
 Caprolactam
 Concen: 40.59 ng
 RT: 8.58 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.2	195.5	235.5#
56	142.5	153.5	193.5#

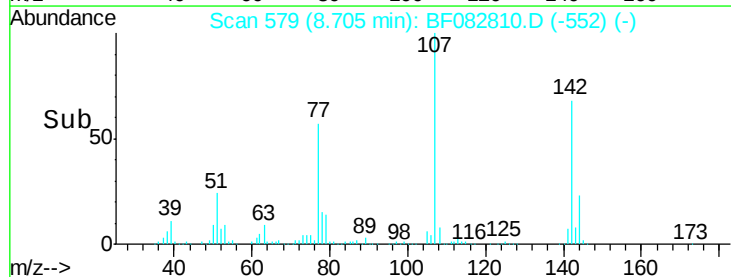
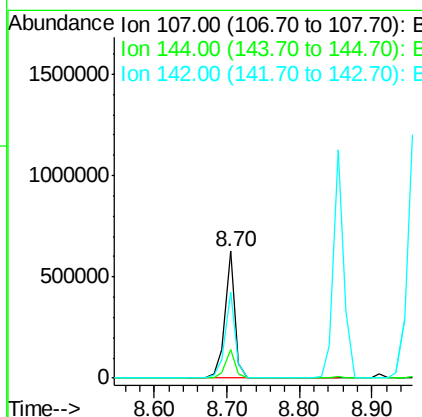
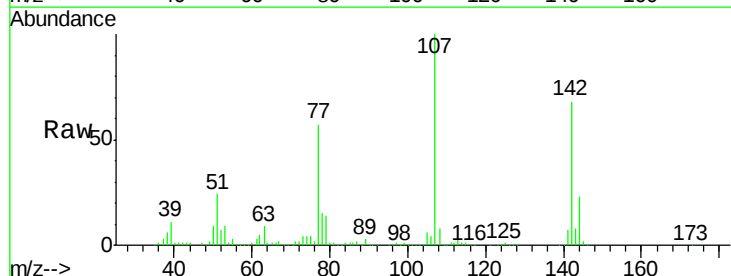
Manual Integrations
 APPROVED

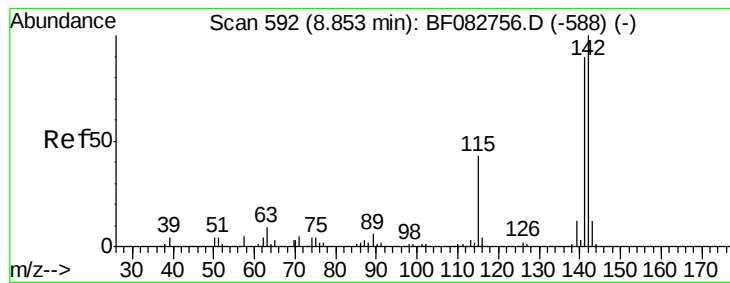
Mmdadoda
 11/9/2015 2:08:30 PM



#36
 4-Chloro-3-methylphenol
 Concen: 33.88 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.8	15.4	23.0
142	67.7	47.8	71.8





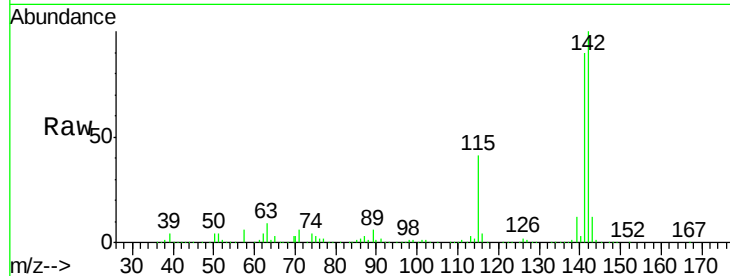
#37
2-Methylnaphthalene
Concen: 33.27 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	41.0	38.1	57.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM

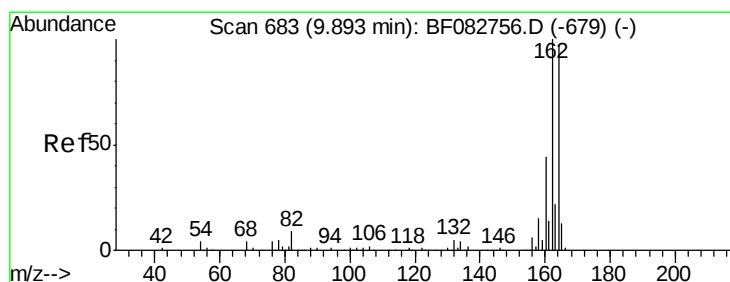
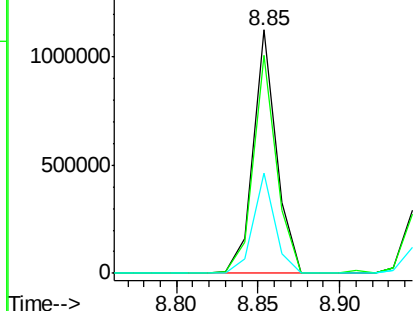
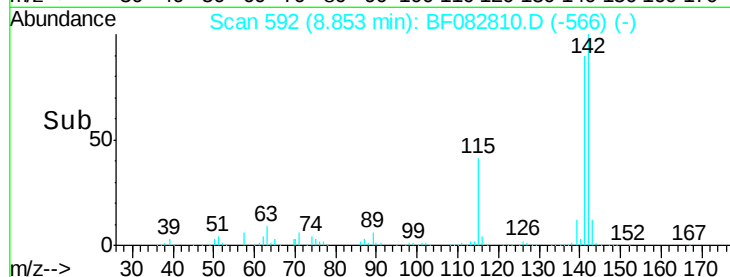


Abundance

Ion 142.00 (141.70 to 142.70): E

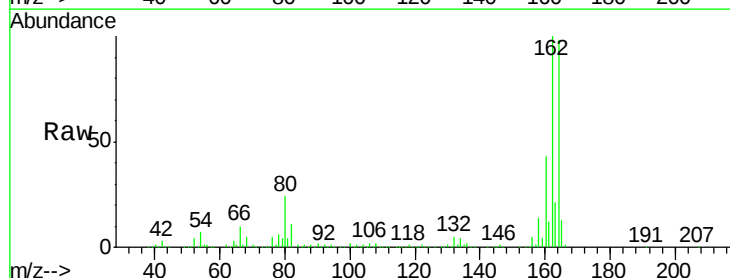
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.9	127.3
160	44.0	37.5	56.3

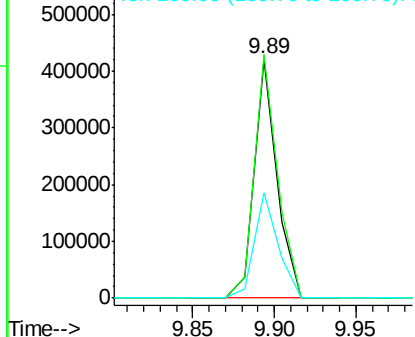
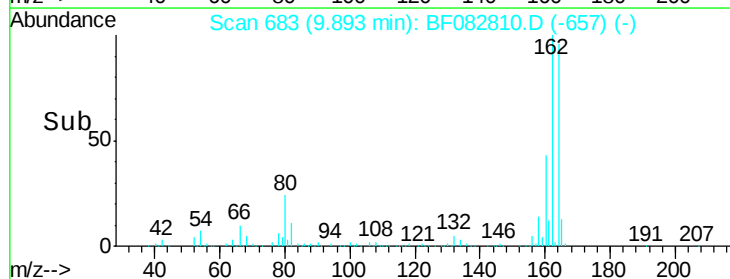


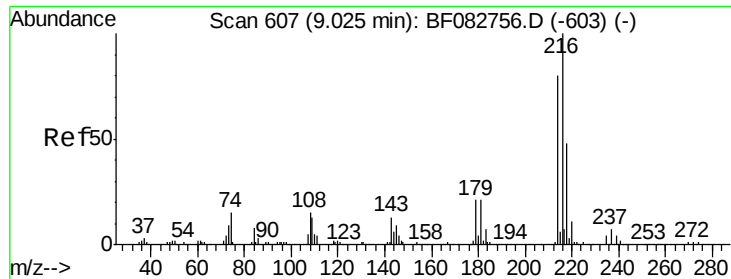
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





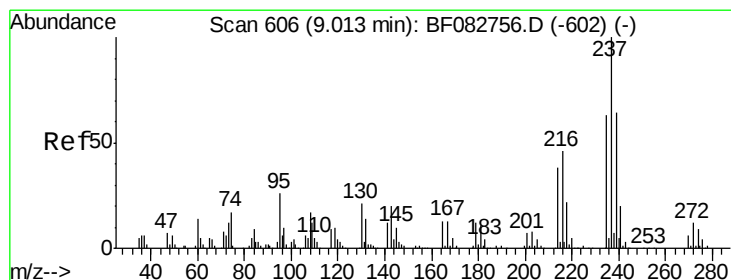
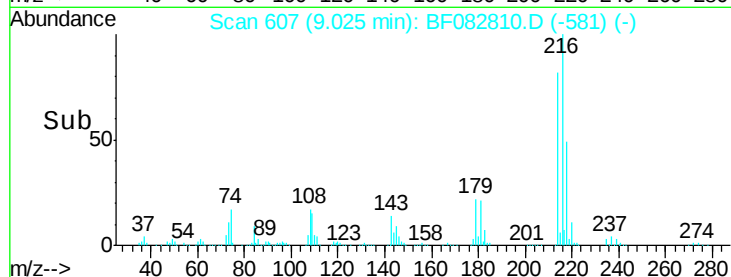
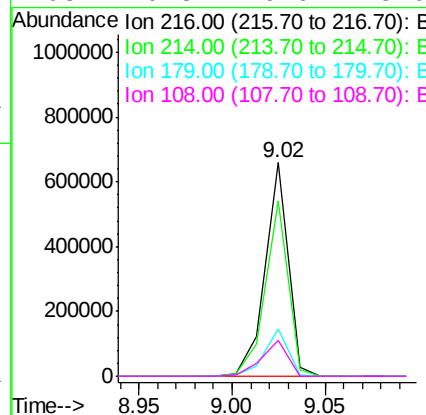
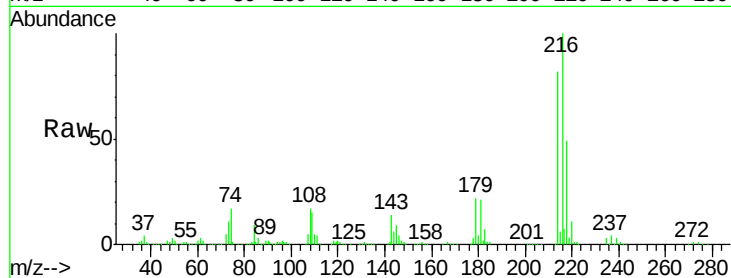
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.05 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampled :
 T-14CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		561374		
214	81.4	62.2	93.2		
179	22.4	18.1	27.1		
108	19.3	16.6	25.0		

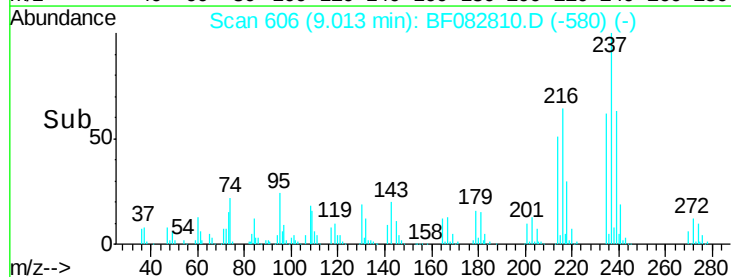
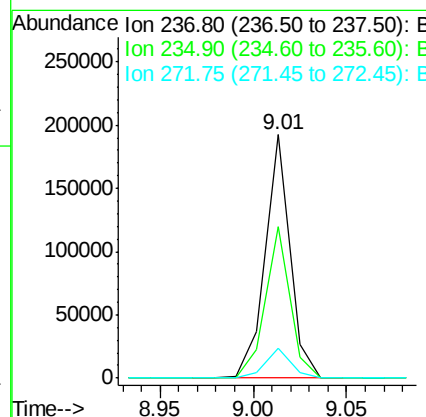
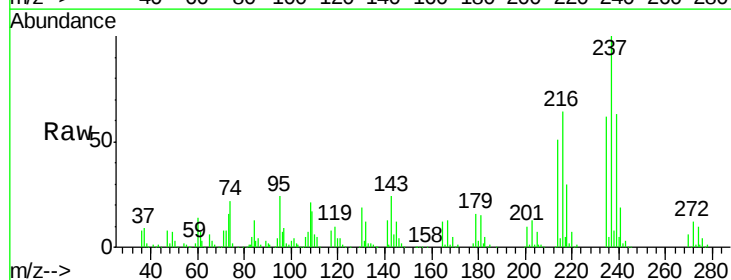
Manual Integrations
 APPROVED

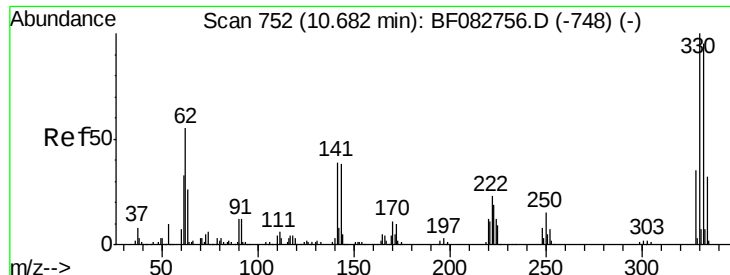
Mmdadoda
 11/9/2015 2:08:30 PM



#40
 Hexachlorocyclopentadiene
 Concen: 24.54 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		175994		
235	62.0	44.3	84.3		
272	12.0	0.0	31.9		





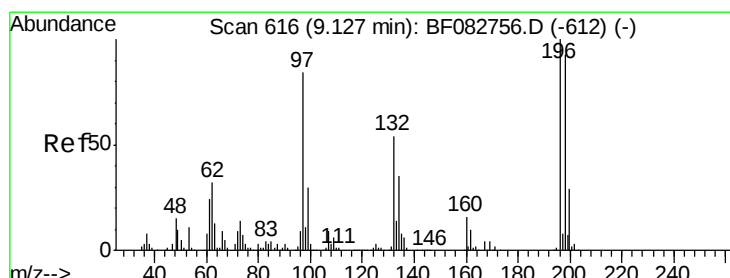
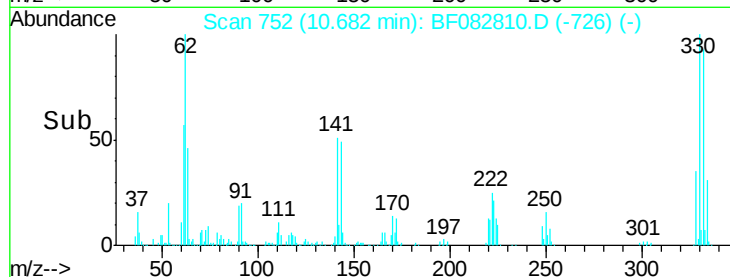
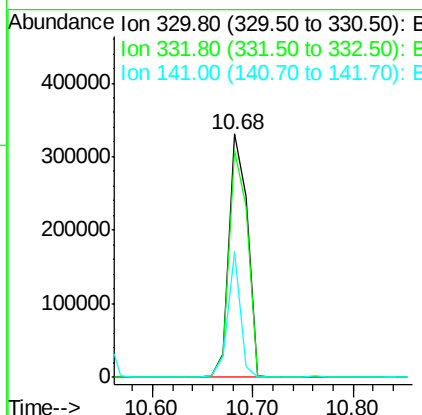
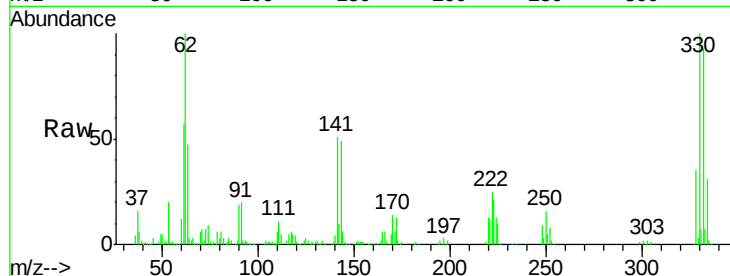
#41
 2,4,6-Tribromophenol
 Concen: 90.86 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	423227		
332	93.9	76.6	114.8	
141	35.5	41.2	61.8#	

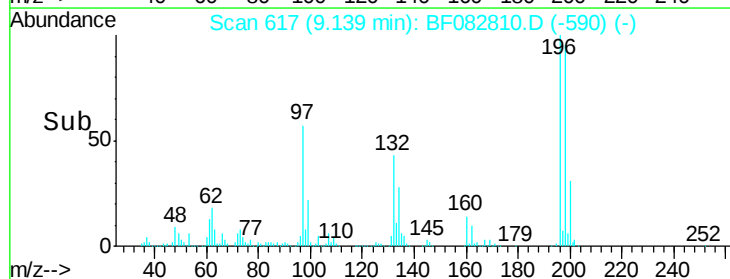
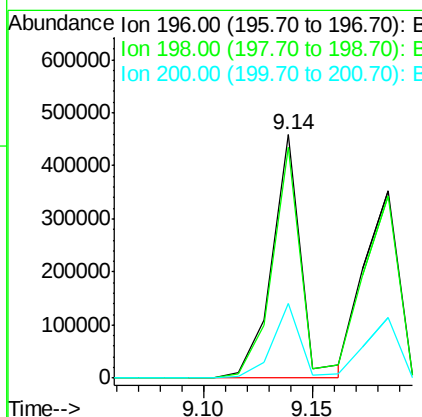
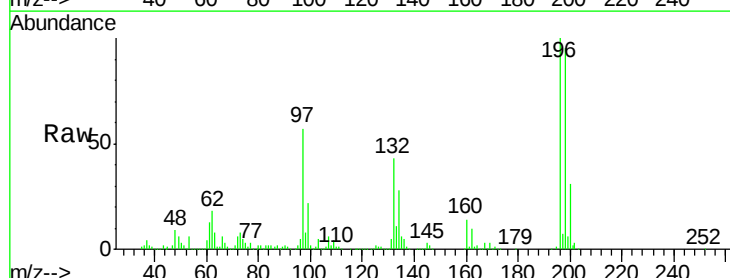
Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:08:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.80 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	426509		
198	94.7	76.3	114.5	
200	30.7	23.9	35.9	





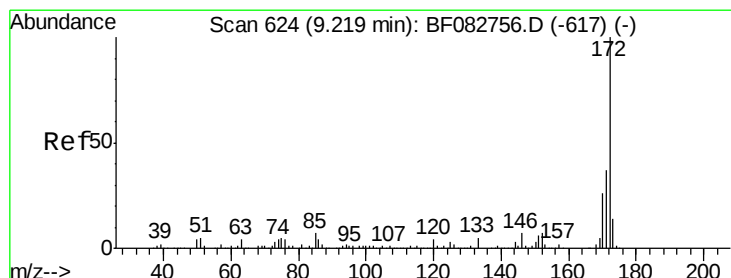
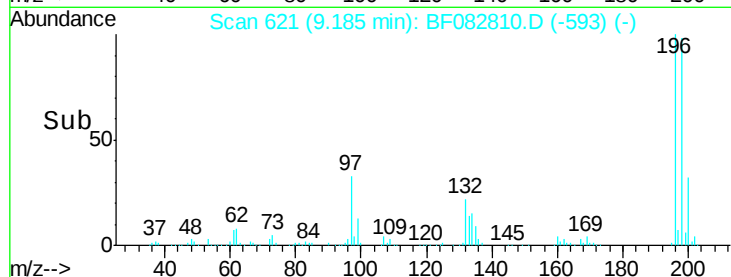
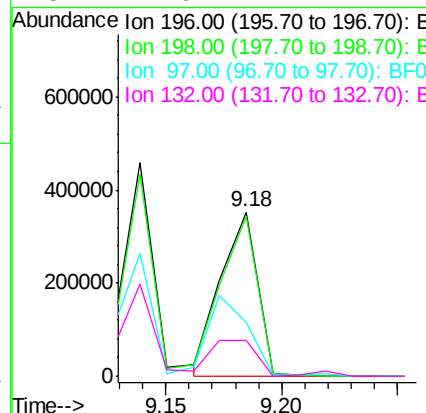
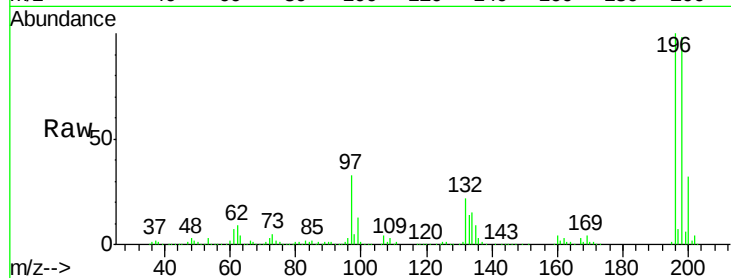
#43
 2,4,5-Trichlorophenol
 Concen: 39.50 ng/mL
 RT: 9.18 min Scan# 621
 Delta R.T. 0.02 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		389325		
198	97.6	75.8	113.8		
97	33.1	62.3	93.5		
132	21.9	27.4	41.2		

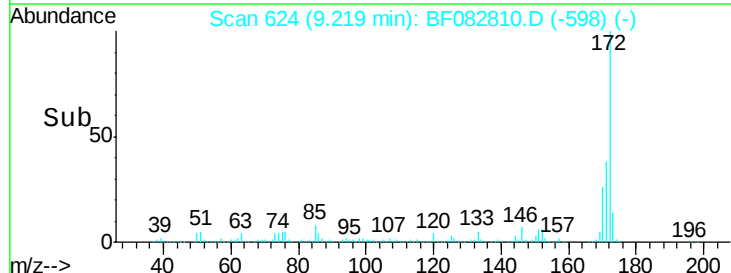
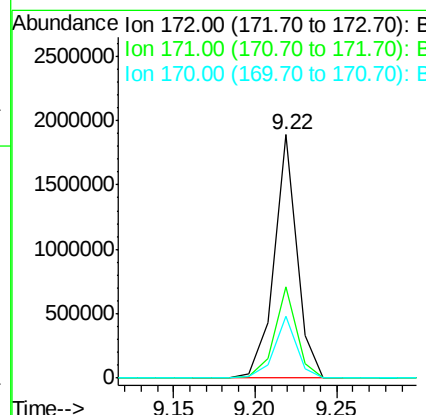
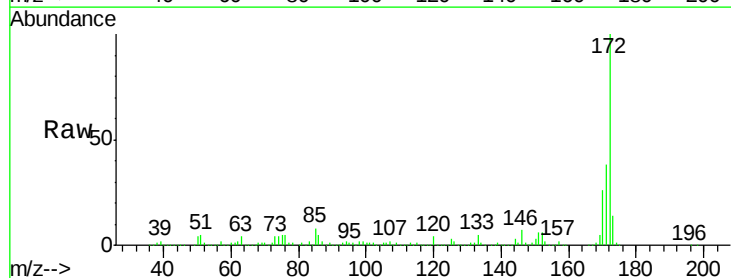
Manual Integrations
 APPROVED

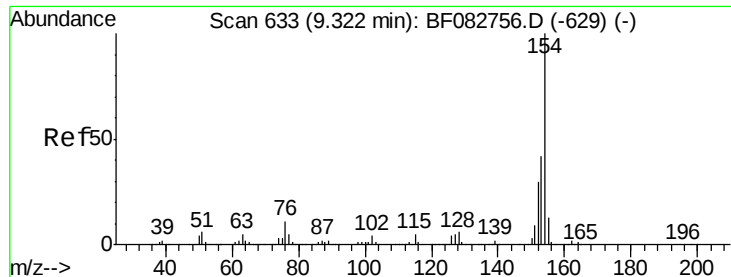
Mmdadoda
 11/9/2015 2:08:30 PM



#44
 2-Fluorobiphenyl
 Concen: 65.33 ng/mL
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1851677		
171	37.7	30.8	46.2		
170	25.5	21.2	31.8		





#45

1,1'-Biphenyl

Concen: 41.35 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

Tot Ion:154 Resp: 1441289

Ion Ratio Lower Upper

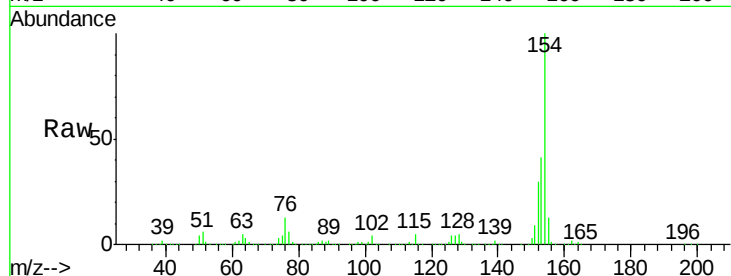
154 100

153 41.5 22.0 62.0

76 12.6 0.0 29.0

Manual Integrations
APPROVED

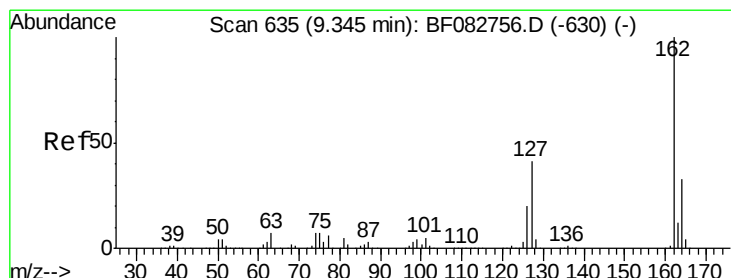
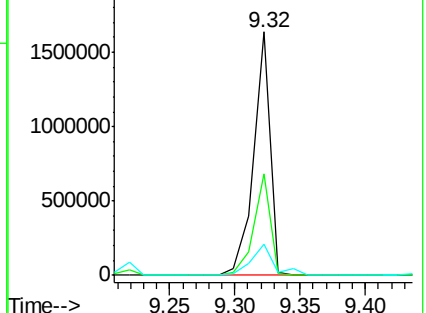
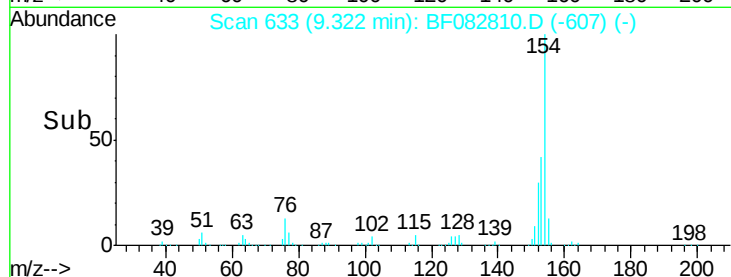
Mmdadoda
11/9/2015 2:08:30 PM



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: 41.71 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

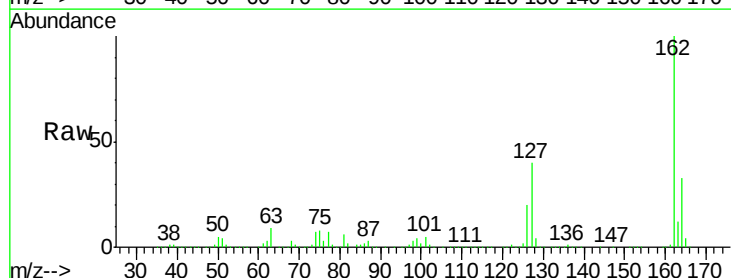
Tgt Ion:162 Resp: 1134077

Ion Ratio Lower Upper

162 100

127 40.1 32.7 49.1

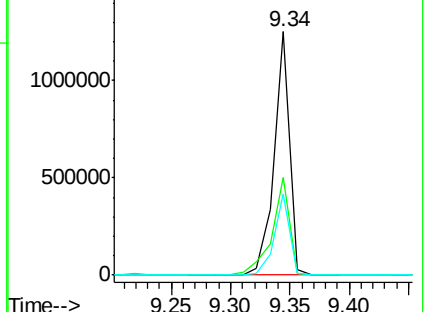
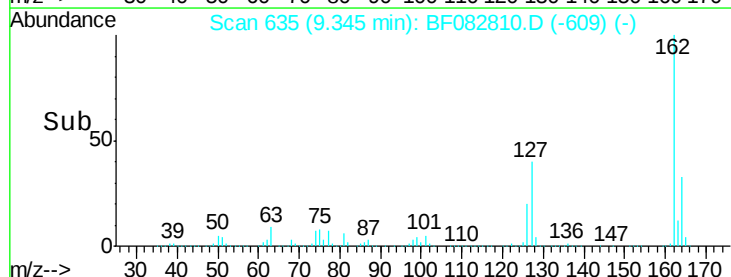
164 33.5 27.4 41.0

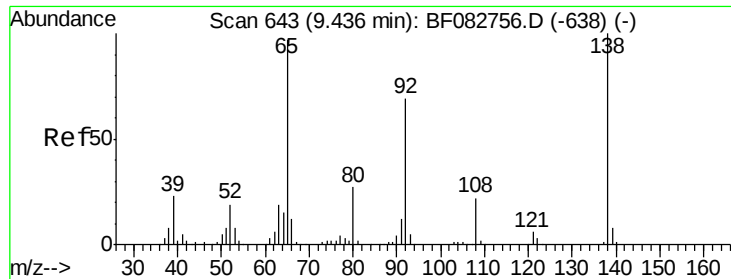


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.51 ng

RT: 9.44 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

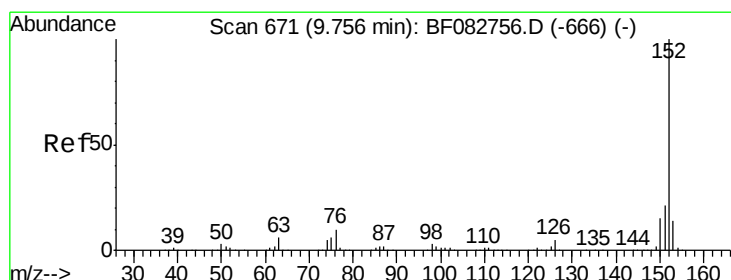
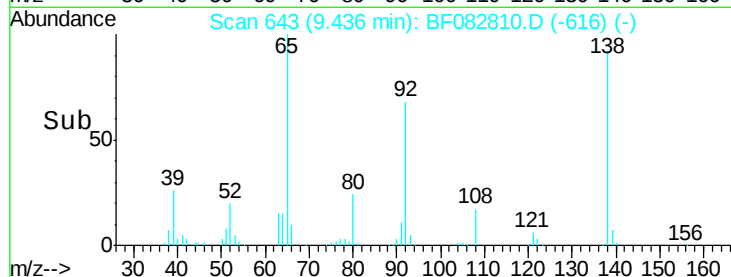
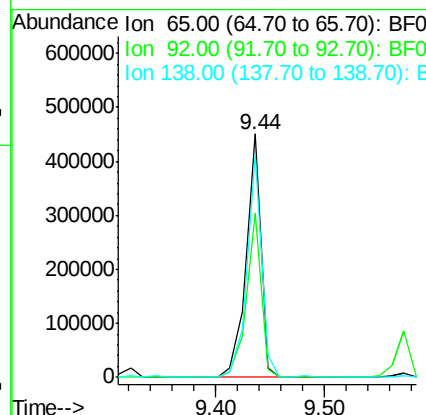
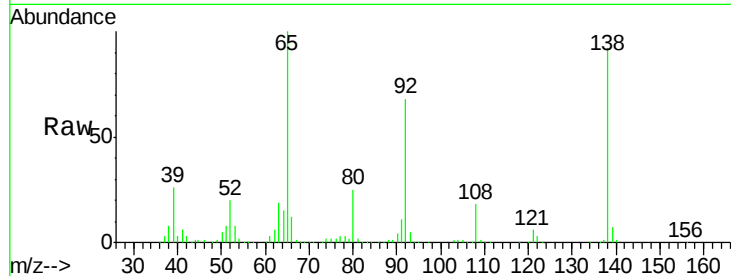
T-14CMS

Manual Integrations
APPROVED

Mmdadoda

11/9/2015 2:08:30 PM

Tot Ion:	65	Resp:	418685
Ion Ratio	Lower	Upper	
65	100		
92	67.6	46.6	70.0
138	91.7	54.6	81.8#



#48

Acenaphthylene

Concen: 37.83 ng

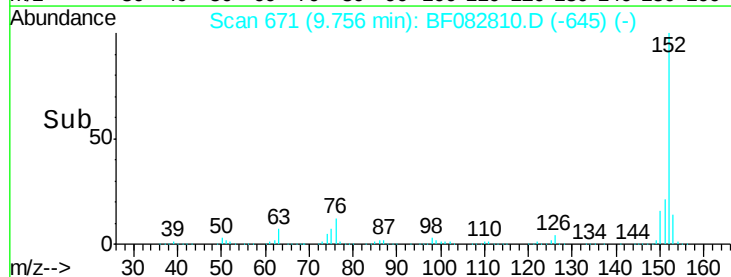
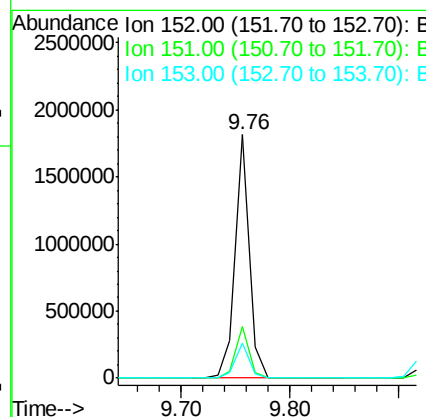
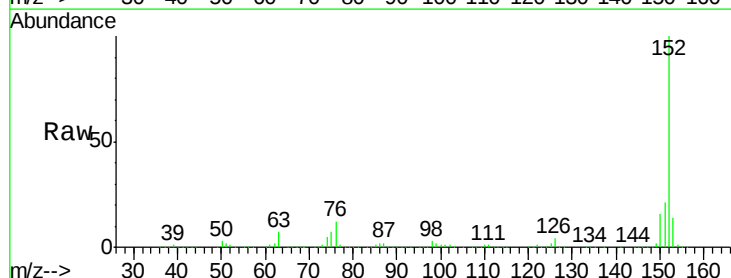
RT: 9.76 min Scan# 671

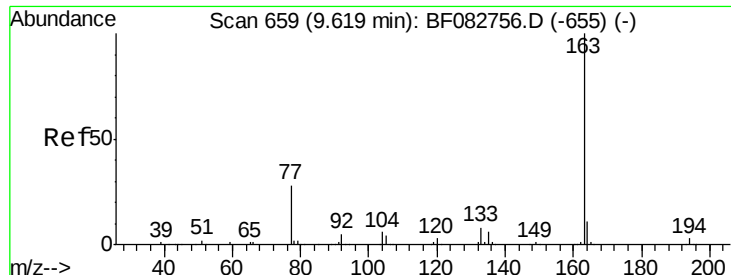
Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	152	Resp:	1611963
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.3	25.9
153	14.1	11.3	16.9





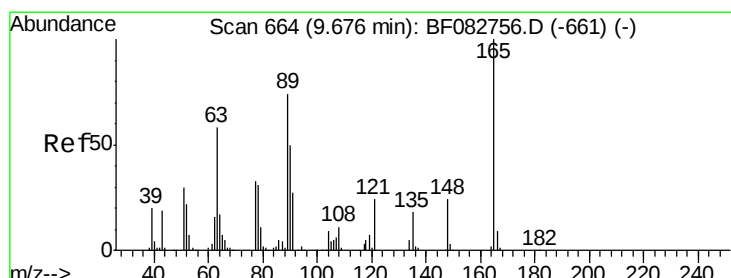
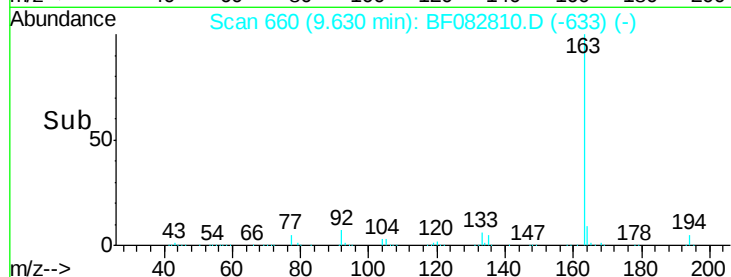
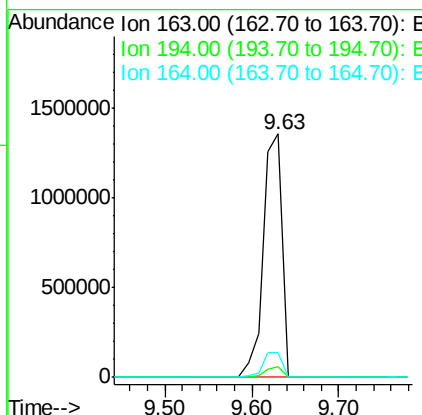
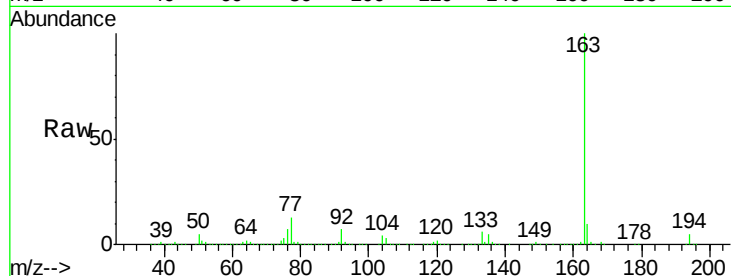
#49
Dimethylphthalate
Concen: 60.68 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tot Ion:163 Resp: 2019783
Ion Ratio Lower Upper
163 100
194 4.5 2.6 4.0#
164 10.0 8.7 13.1

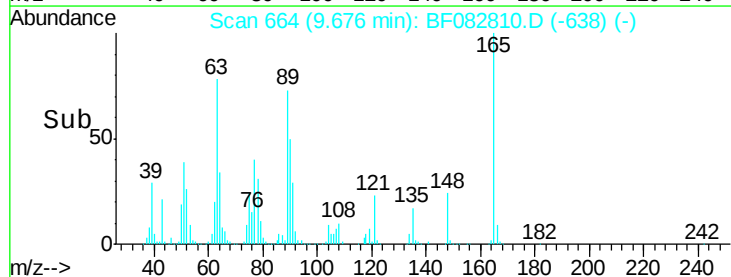
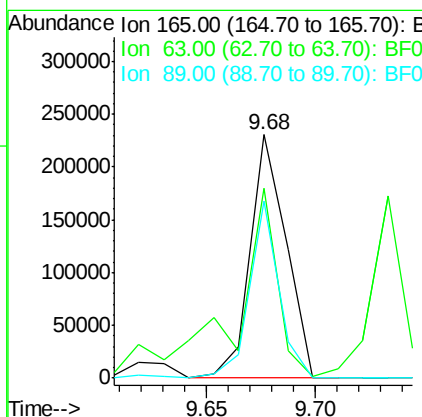
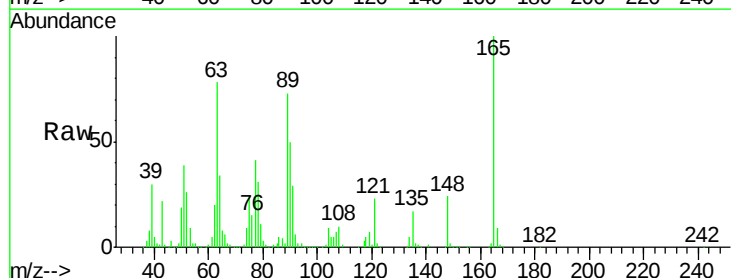
Manual Integrations
APPROVED

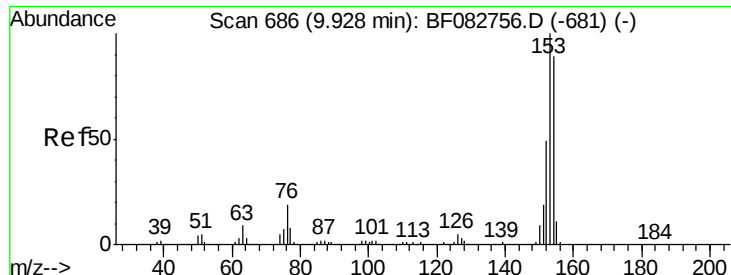
Mmdadoda
11/9/2015 2:08:30 PM



#50
2,6-Dinitrotoluene
Concen: 37.30 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion:165 Resp: 264911
Ion Ratio Lower Upper
165 100
63 78.0 55.5 83.3
89 72.9 55.0 82.6





#51

Acenaphthene

Concen: 34.27 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

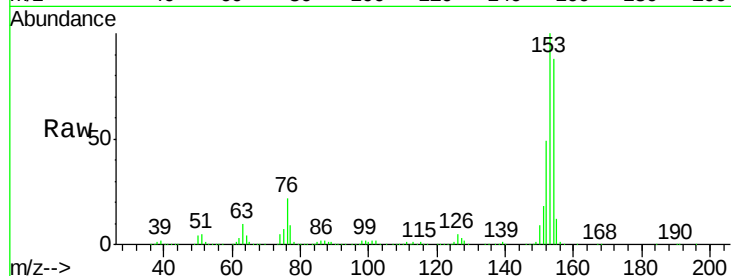
ClientSampled :

T-14CMS

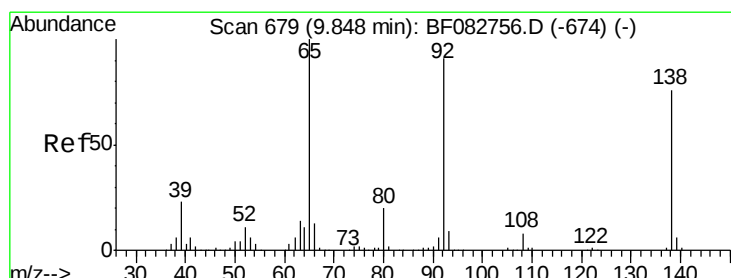
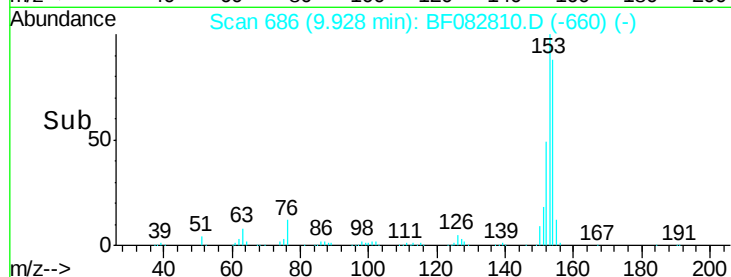
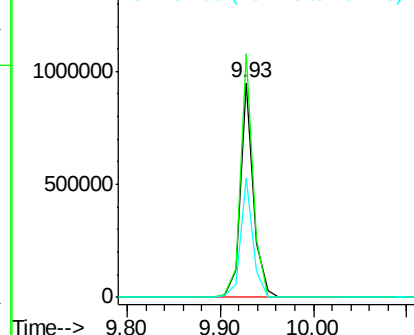
Tot Ion:	154	Resp:	925555
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.1	135.1
152	55.9	44.3	66.5

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 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: 27.18 ng

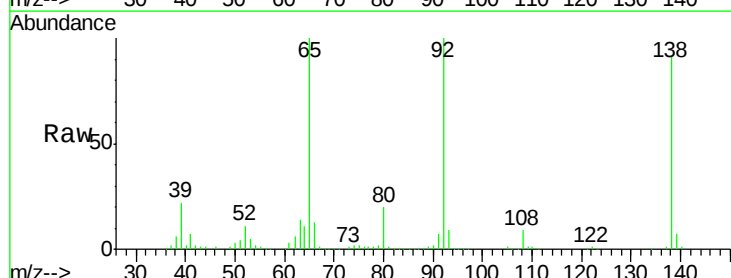
RT: 9.85 min Scan# 679

Delta R.T. 0.01 min

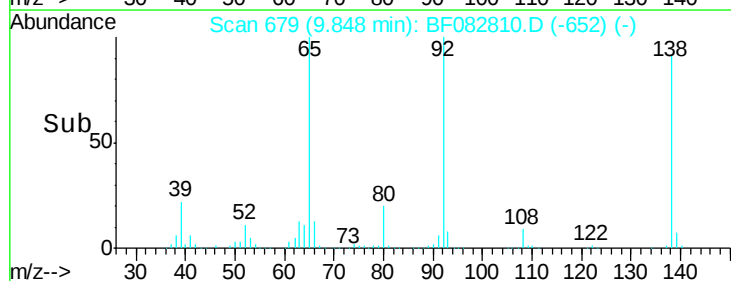
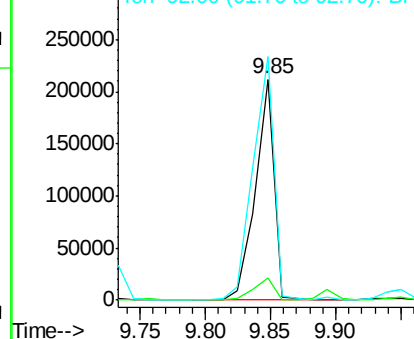
Lab File: BF082810.D

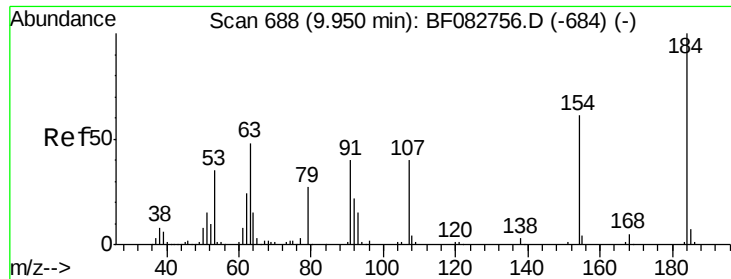
Acq: 7 Nov 2015 15:00

Tgt Ion:	138	Resp:	212304
Ion Ratio	Lower	Upper	
138	100		
108	10.3	11.3	16.9#
92	110.1	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





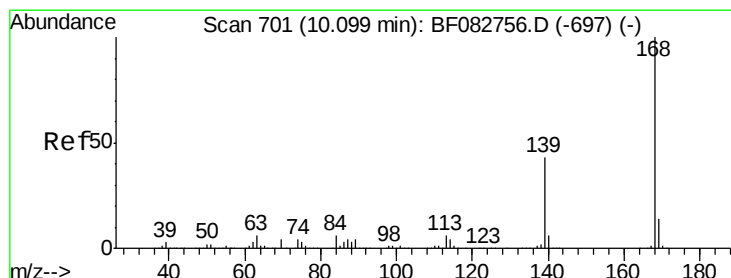
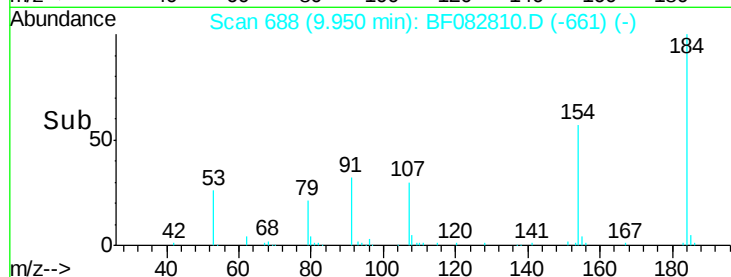
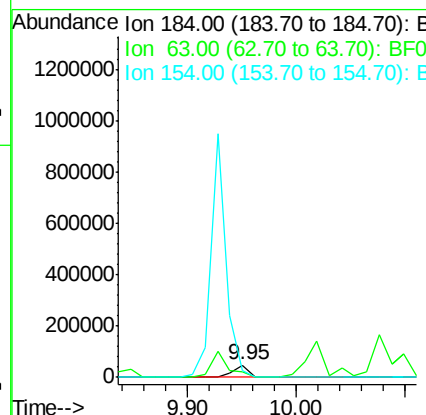
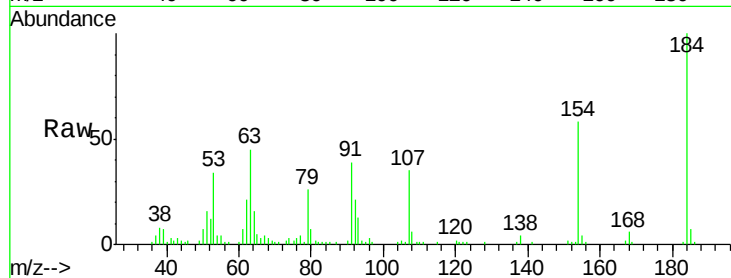
#53
2,4-Dinitrophenol
Concen: 12.29 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	47931		
63	45.1	98.6	148.0#	
154	57.7	183.9	275.9#	

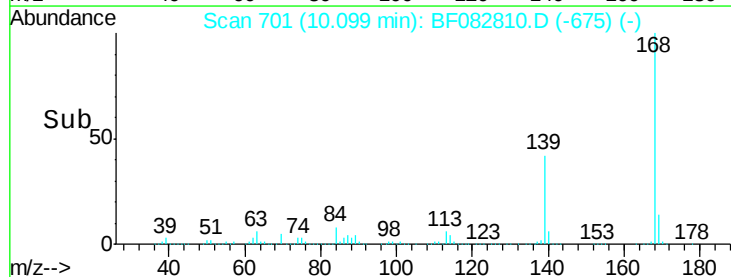
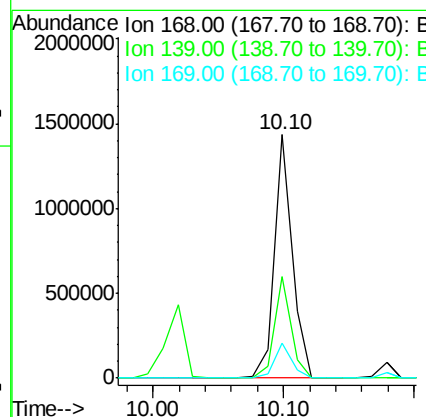
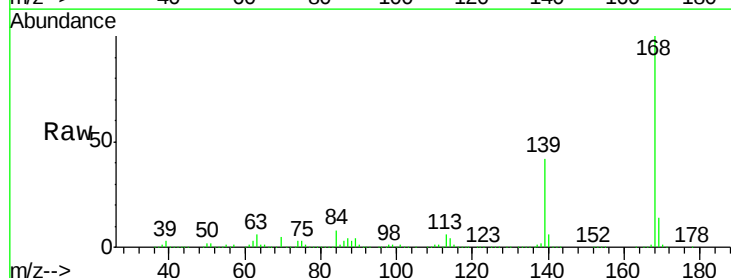
Manual Integrations
APPROVED

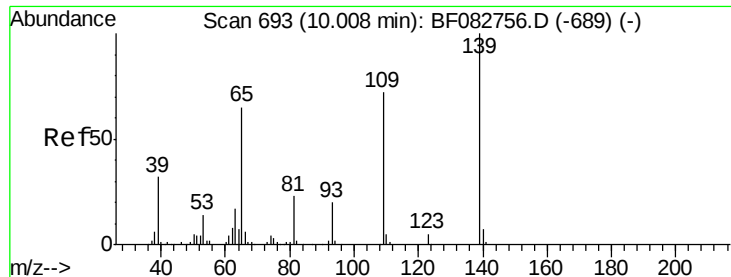
Mmdadoda
11/9/2015 2:08:30 PM



#54
Dibenzofuran
Concen: 37.97 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1382473		
139	41.8	37.8	56.6	
169	14.2	11.3	16.9	





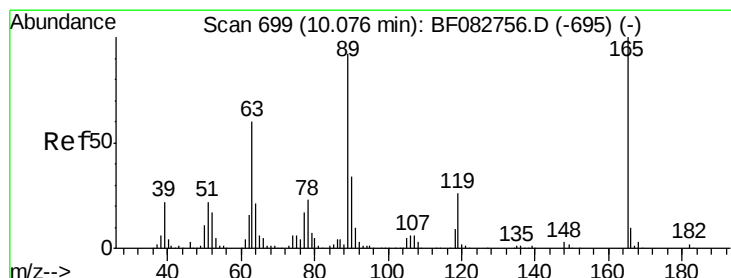
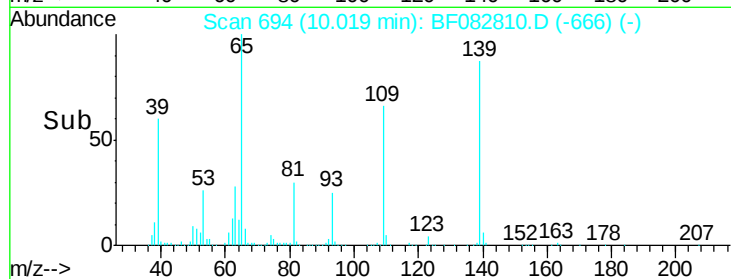
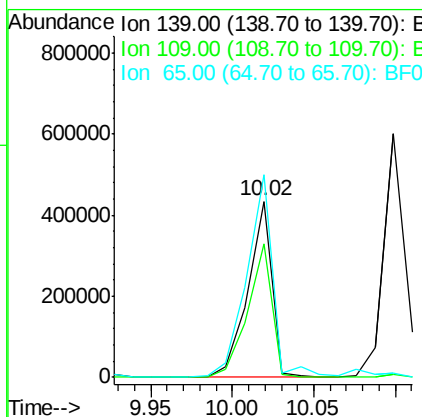
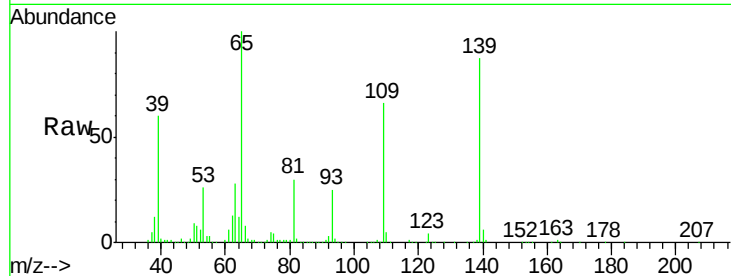
#55
4-Nitrophenol
Concen: 74.60 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.02 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	447018		
109	76.0	73.7	113.7	
65	114.7	82.9	122.9	

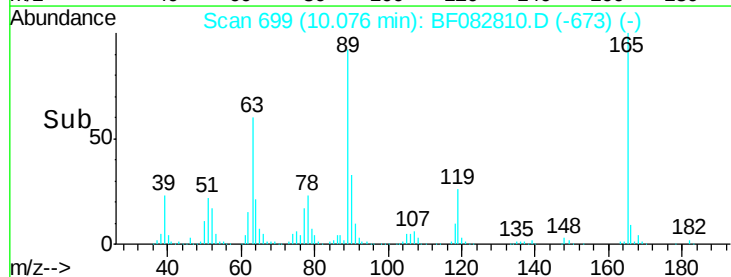
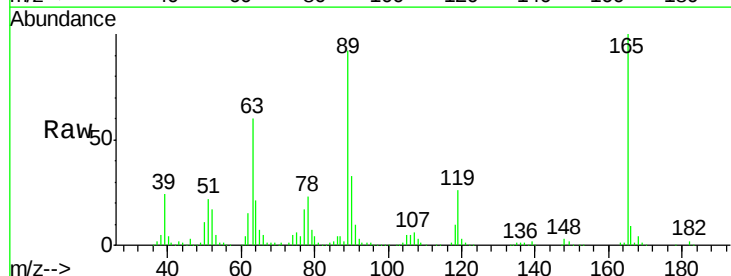
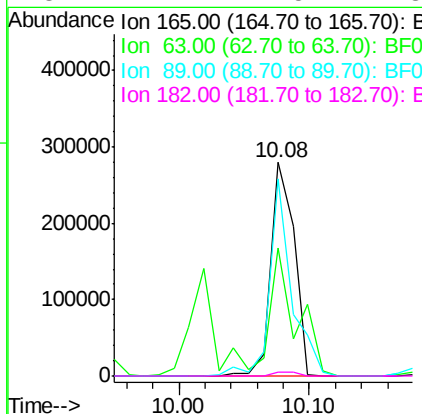
Manual Integrations
APPROVED

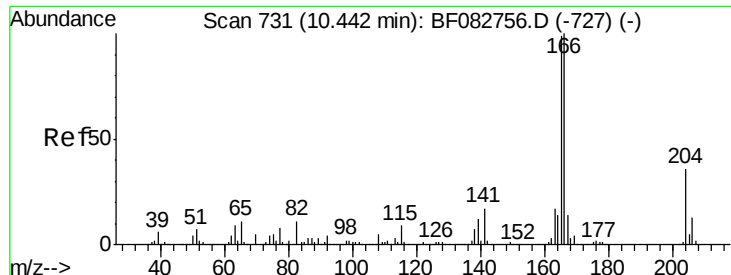
Mmdadoda
11/9/2015 2:08:30 PM



#56
2,4-Dinitrotoluene
Concen: 36.54 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	352047		
63	60.0	43.4	65.0	
89	92.4	70.6	106.0	
182	2.1	1.5	2.3	





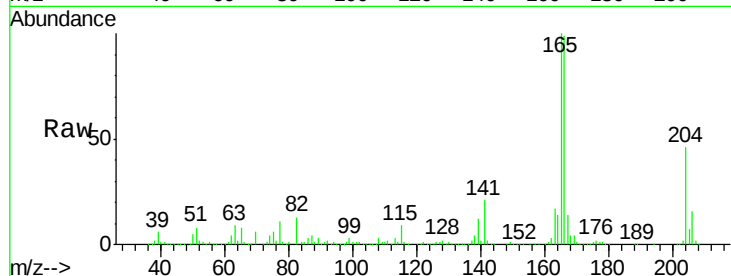
#57
Fluorene
 Concen: 33.51 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.1	80.2	120.4	
167	14.3	11.2	16.8	

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:08:30 PM

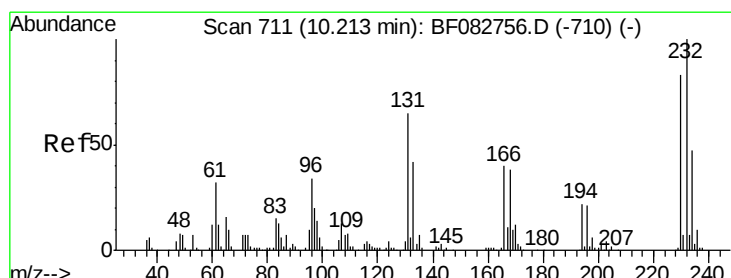
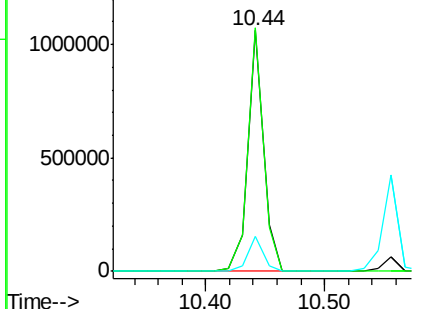
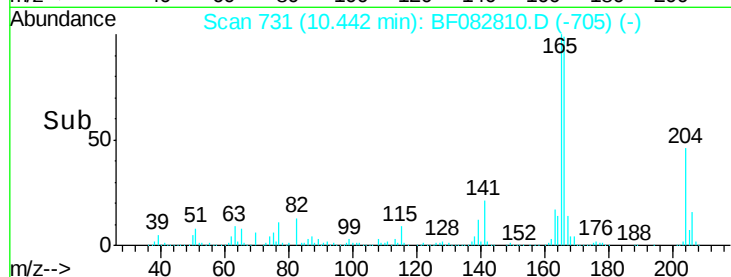


Abundance

Ion 166.00 (165.70 to 166.70): E

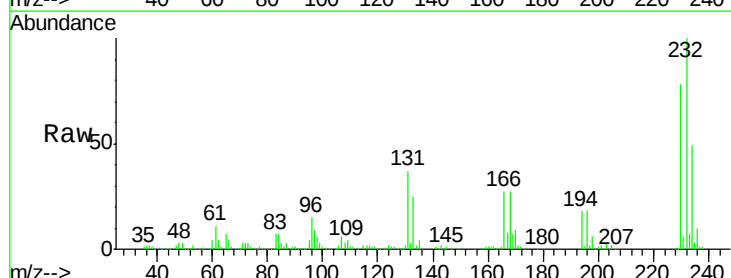
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.70 ng
 RT: 10.22 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	45.1	46.2	69.2#	
130	2.0	2.4	3.6#	
166	30.7	28.2	42.2	



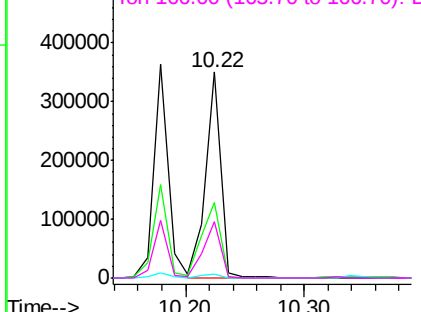
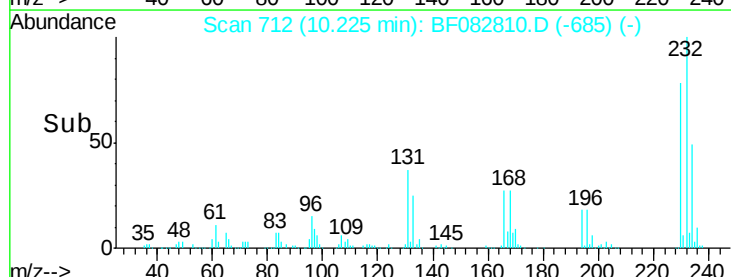
Abundance

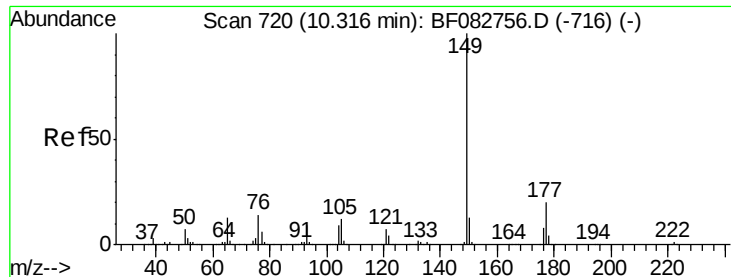
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





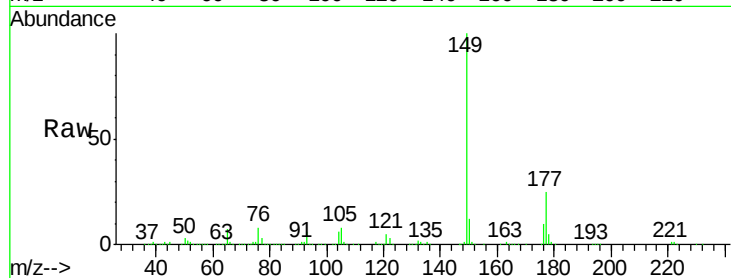
#59
Diethylphthalate
Concen: 38.70 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

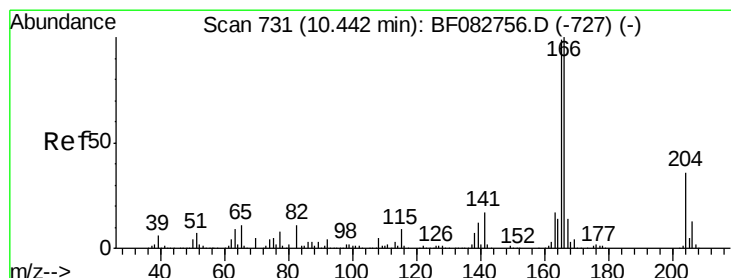
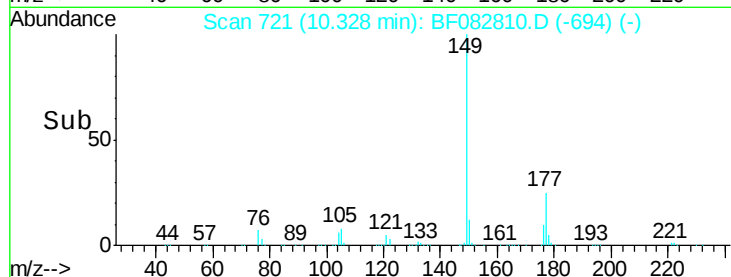
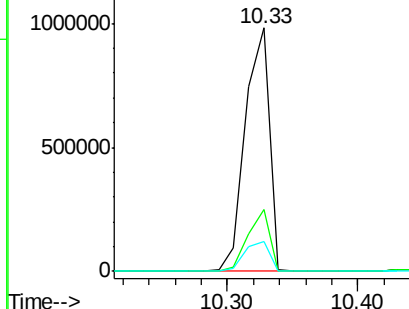
Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	17.9	26.9
150	12.4	10.1	15.1

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM

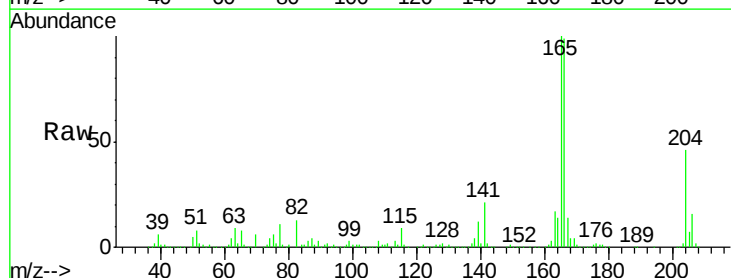


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

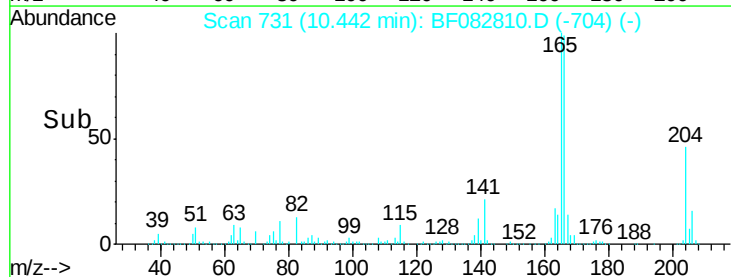
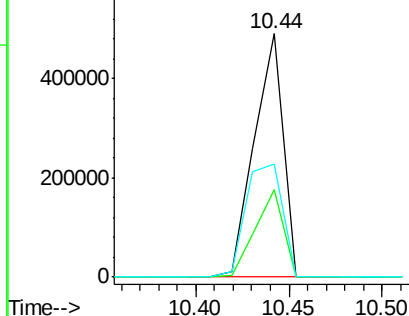


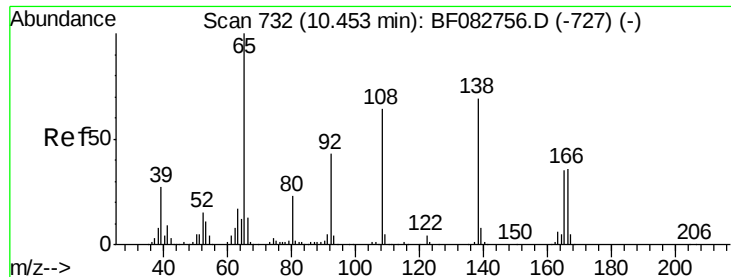
#60
4-Chlorophenyl-phenylether
Concen: 35.49 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.1	28.5	42.7
141	46.2	44.6	66.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 28.69 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

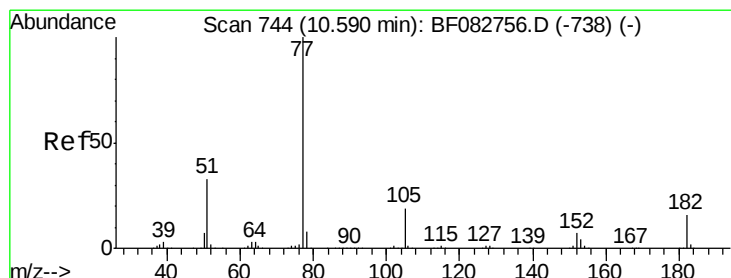
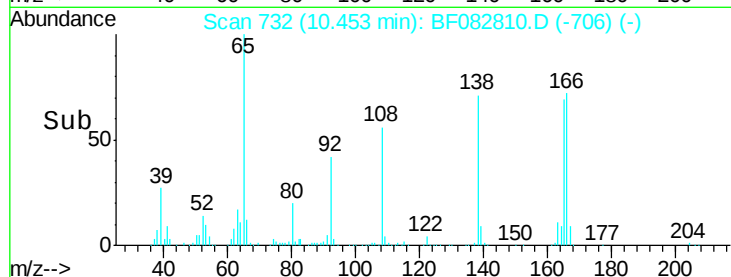
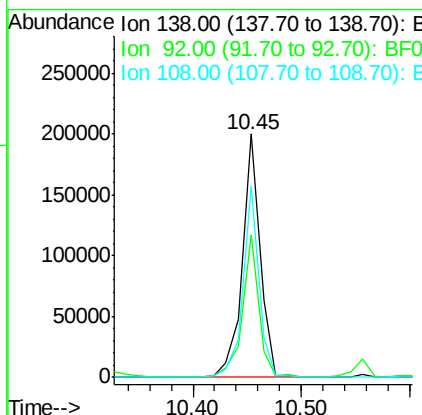
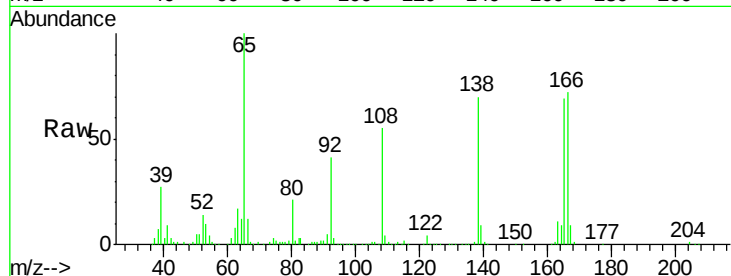
ClientSampled :

T-14CMS

Tot Ion:	138	Resp:	225355
Ion Ratio	Lower	Upper	
138	100		
92	58.7	45.8	85.8
108	78.6	89.4	129.4#

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



#62

Azobenzene

Concen: 37.81 ng

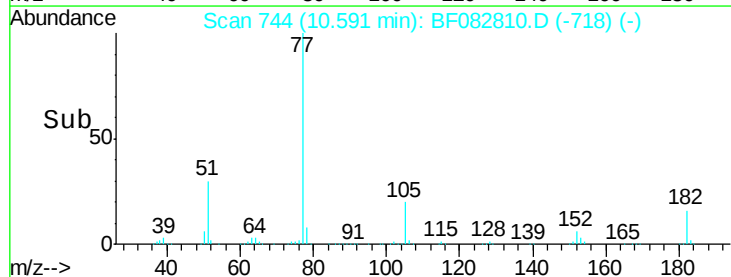
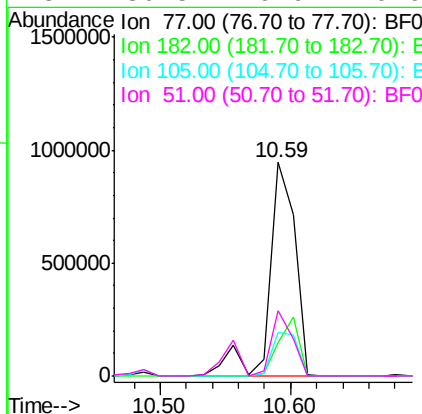
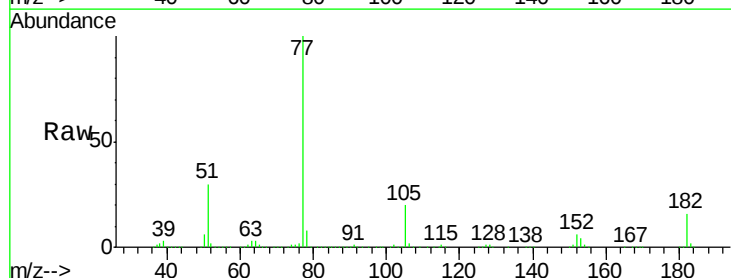
RT: 10.59 min Scan# 744

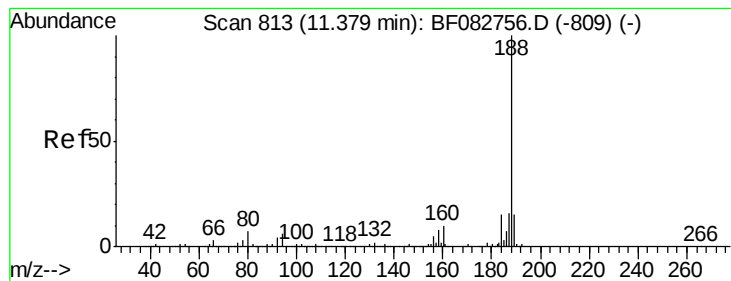
Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	77	Resp:	1319825
Ion Ratio	Lower	Upper	
77	100		
182	15.8	9.3	49.3
105	20.3	2.6	42.6
51	30.5	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

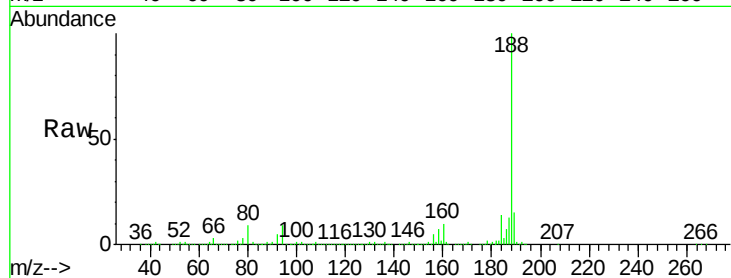
ClientSampleId :

T-14CMS

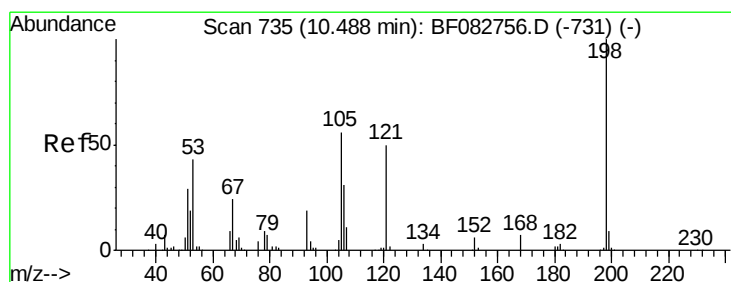
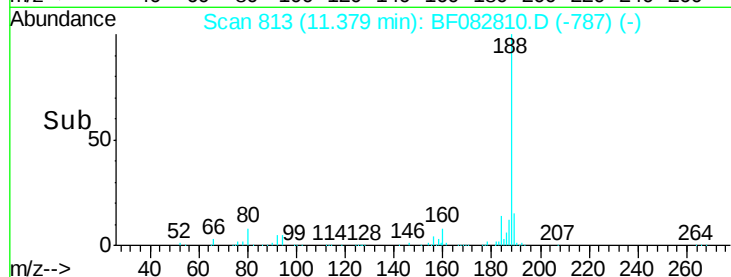
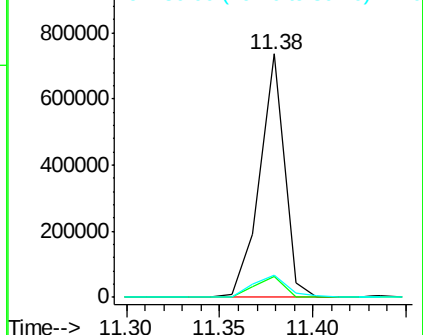
Tot Ion:	188	Resp:	671538
Ion Ratio	Lower	Upper	
188	100		
94	8.5	6.1	9.1
80	9.1	7.0	10.6

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 12.73 ng

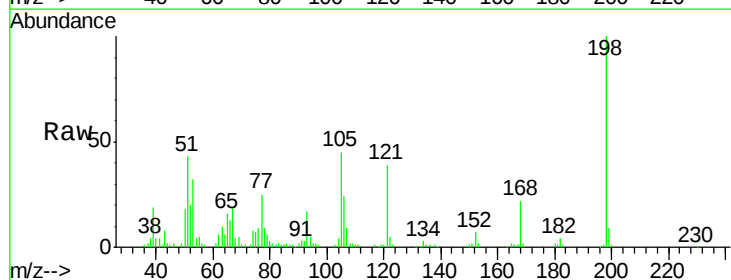
RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

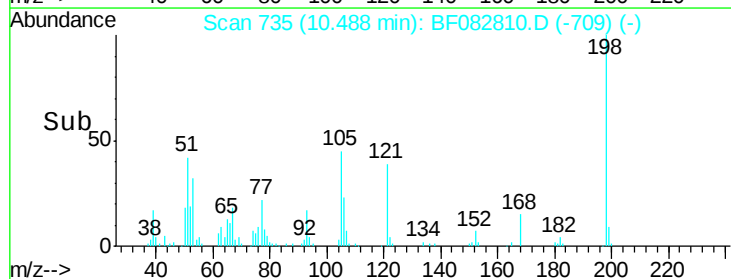
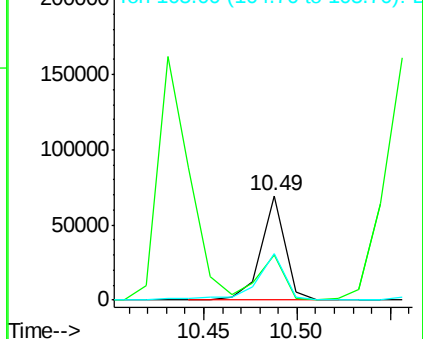
Lab File: BF082810.D

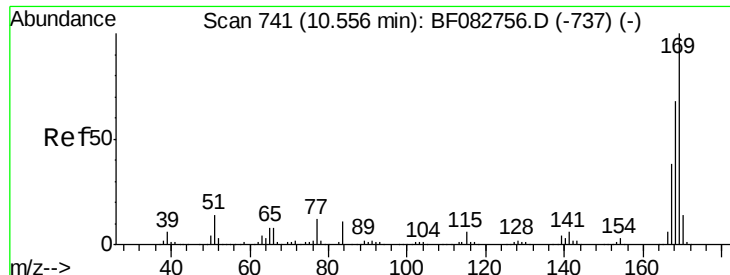
Acq: 7 Nov 2015 15:00

Tgt Ion:	198	Resp:	60903
Ion Ratio	Lower	Upper	
198	100		
51	43.1	17.3	57.3
105	44.6	21.7	61.7



Abundance Ion 198.00 (197.70 to 198.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.86 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

Tot Ion:169 Resp: 991270

Ion Ratio Lower Upper

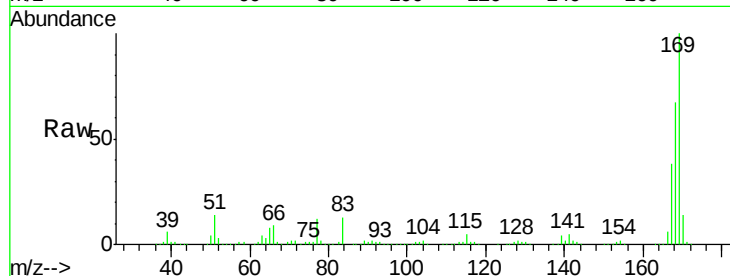
169 100

168 67.3 55.0 82.6

167 37.7 30.5 45.7

Manual Integrations
APPROVED

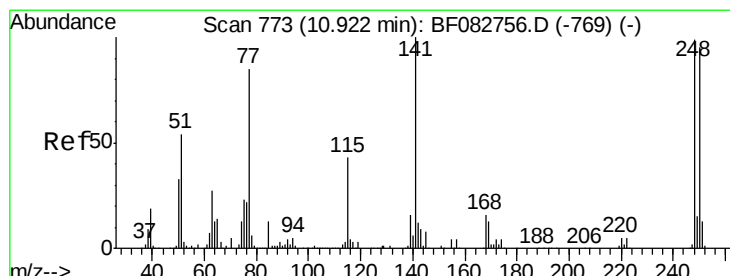
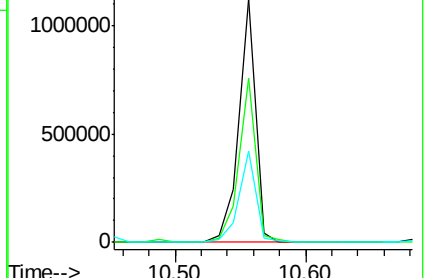
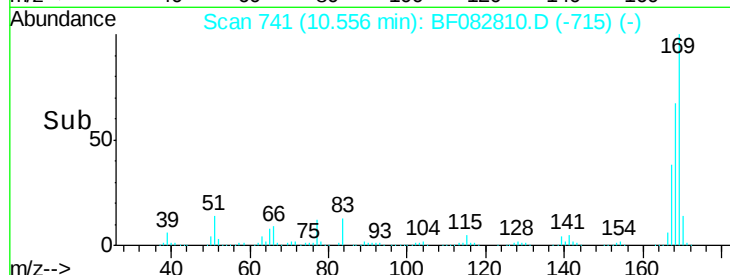
Mmdadoda
11/9/2015 2:08:30 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.16 ng

RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

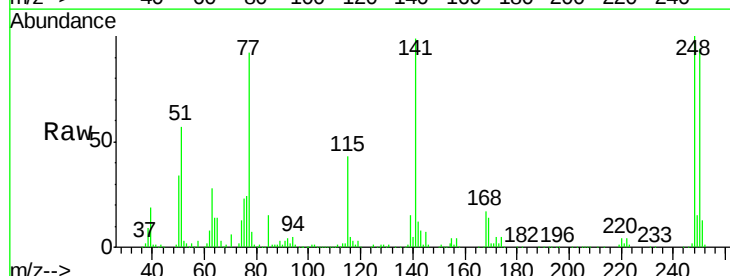
Tgt Ion:248 Resp: 300444

Ion Ratio Lower Upper

248 100

250 94.4 79.4 119.2

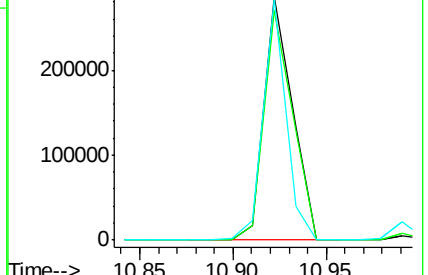
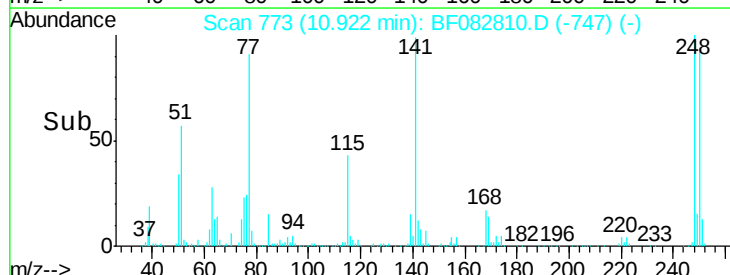
141 99.1 36.3 54.5#

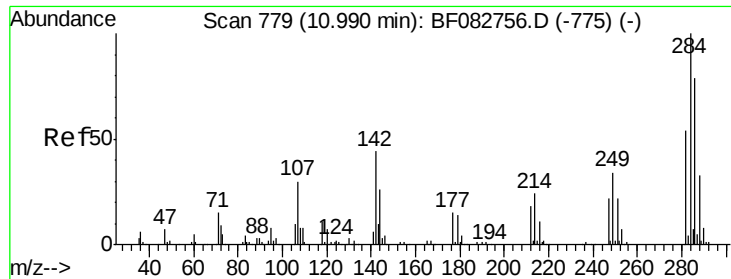


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.11 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

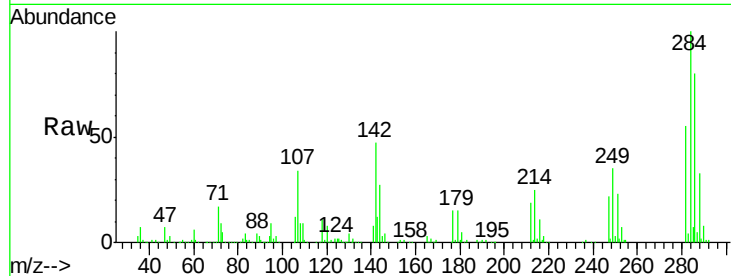
ClientSampled :

T-14CMS

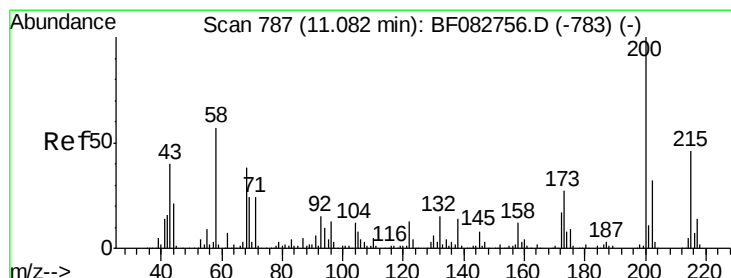
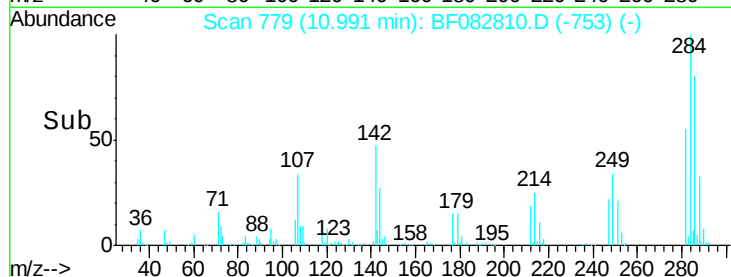
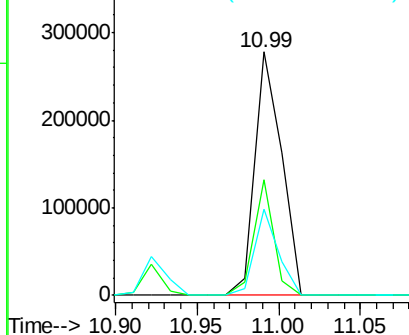
Tot Ion:	284	Resp:	316965
Ion Ratio		Lower	Upper
284	100		
142	47.5	47.9	71.9#
249	35.3	29.7	44.5

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



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



#68

Atrazine

Concen: 36.56 ng

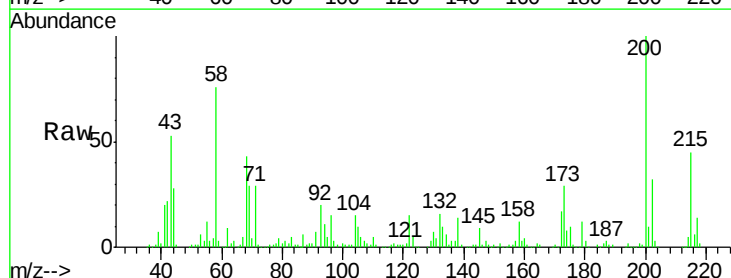
RT: 11.08 min Scan# 787

Delta R.T. 0.00 min

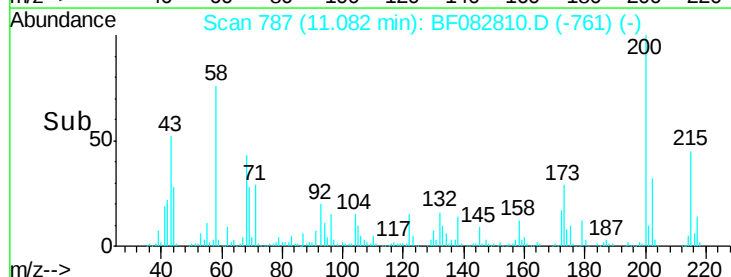
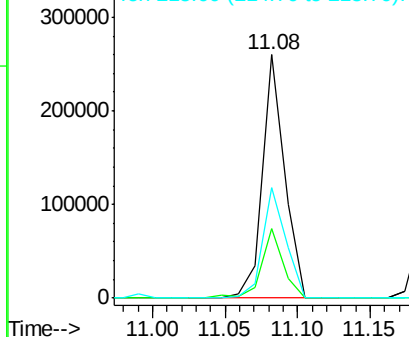
Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	200	Resp:	274272
Ion Ratio		Lower	Upper
200	100		
173	28.6	6.9	46.9
215	45.2	22.9	62.9



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





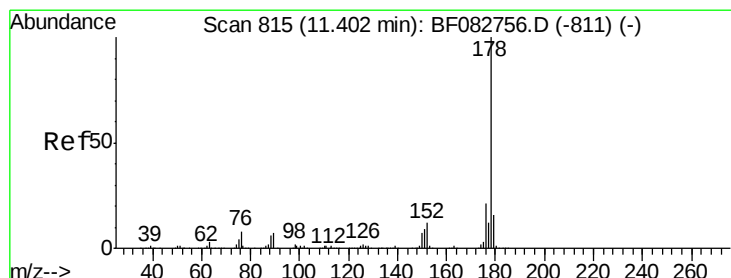
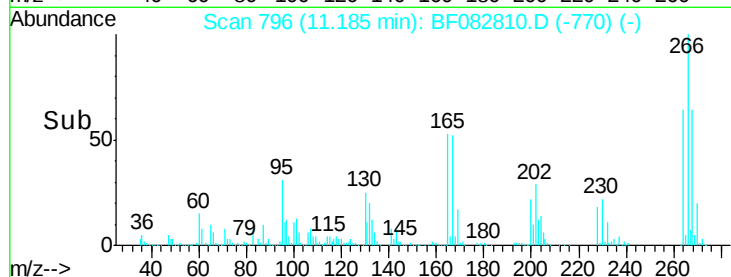
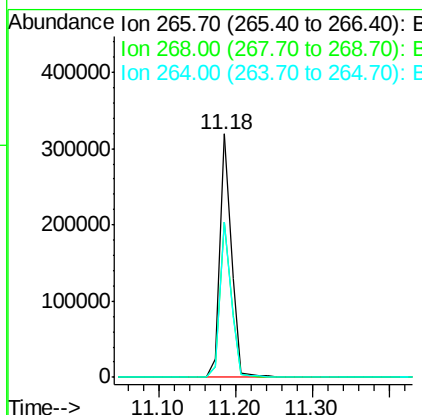
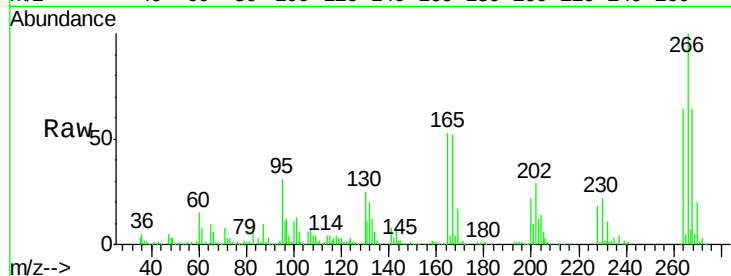
#69
 Pentachlorophenol
 Concen: 61.53 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	337376		
268	63.5	51.0	76.6	
264	63.9	50.6	75.8	

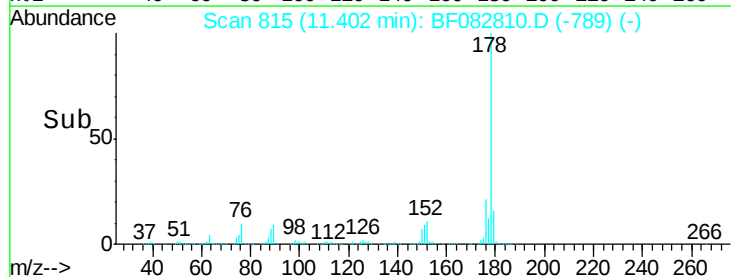
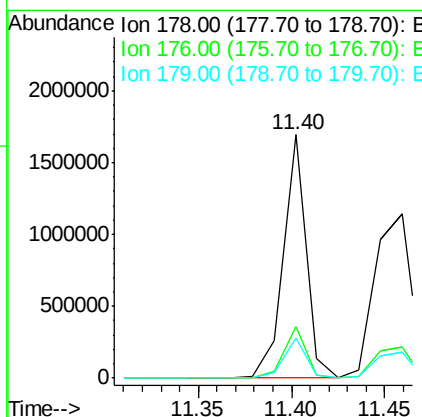
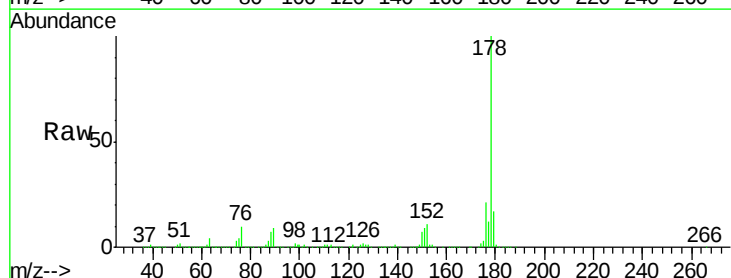
Manual Integrations
 APPROVED

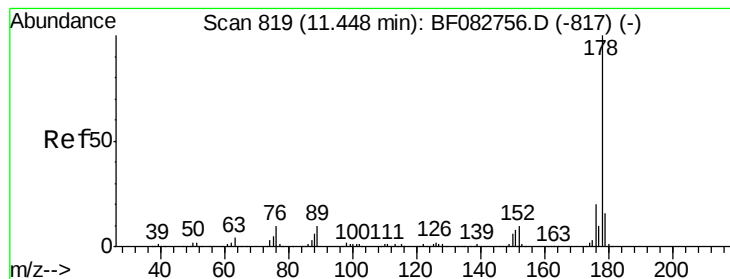
Mmdadoda
 11/9/2015 2:08:30 PM



#70
 Phenanthrene
 Concen: 37.15 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1448742		
176	21.0	17.0	25.4	
179	16.7	13.4	20.0	





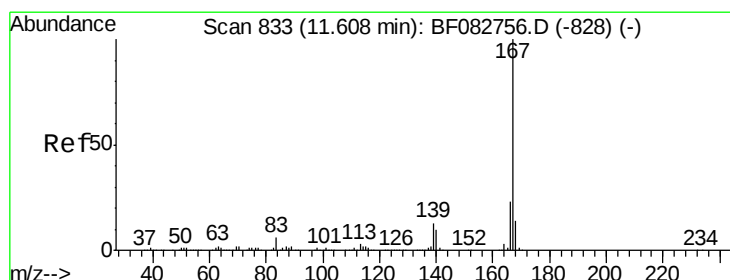
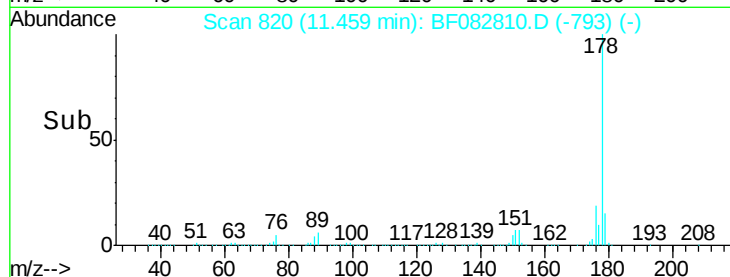
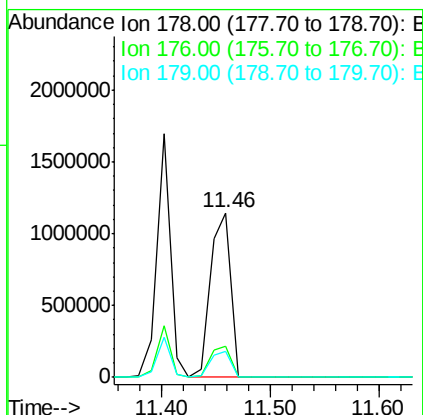
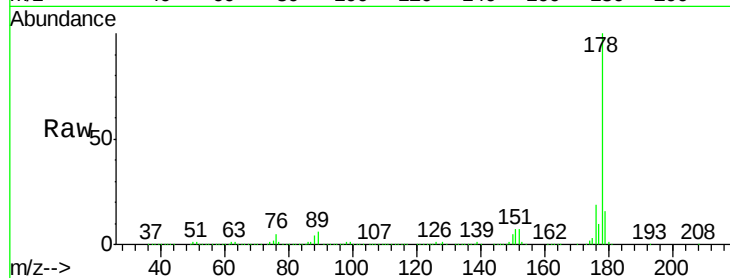
#71
 Anthracene
 Concen: 36.30 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion:178 Resp: 1491048
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.5 24.7
 179 15.7 13.2 19.8

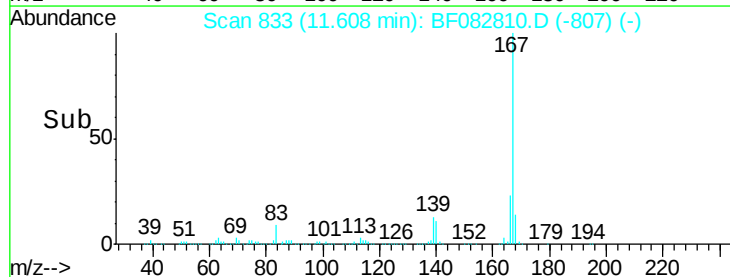
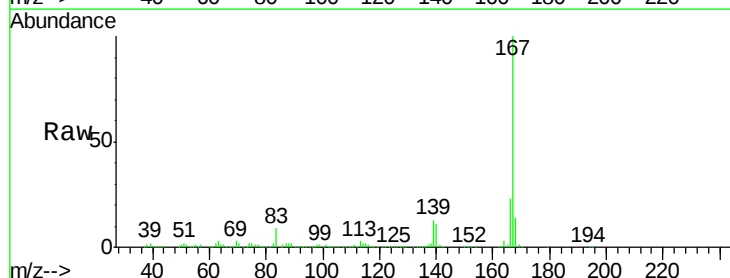
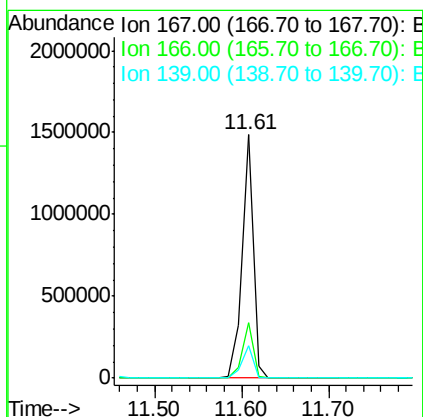
Manual Integrations
 APPROVED

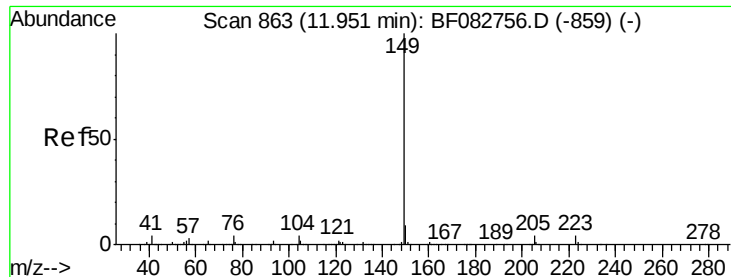
Mmdadoda
 11/9/2015 2:08:30 PM



#72
 Carbazole
 Concen: 36.24 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion:167 Resp: 1303269
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.7 28.1
 139 13.5 11.8 17.6





#73

Di-n-butylphthalate

Concen: 37.13 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

ClientSampleId :

T-14CMS

Tot Ion:149 Resp: 1663477

Ion Ratio Lower Upper

149 100

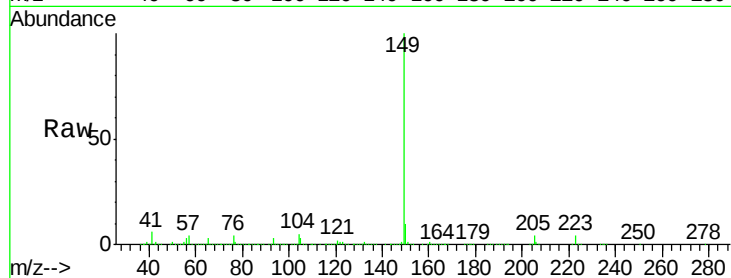
150 9.5 8.1 12.1

104 4.5 5.2 7.8#

Manual Integrations
APPROVED

Mmdadoda

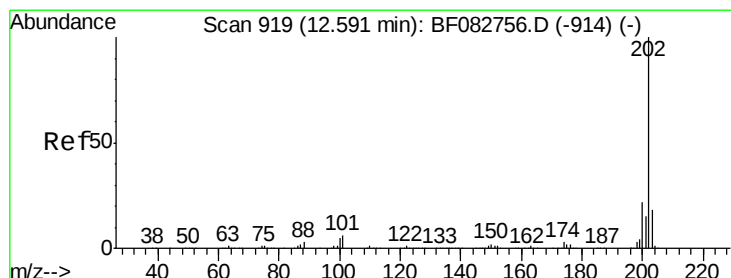
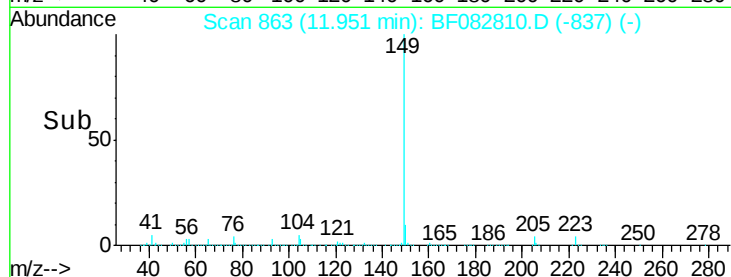
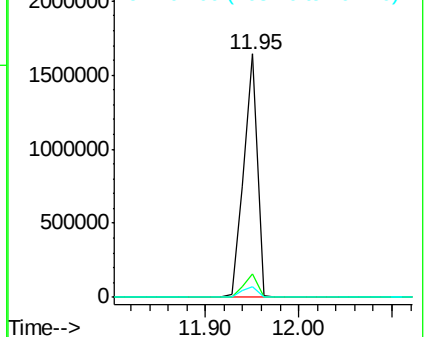
11/9/2015 2:08:30 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.99 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

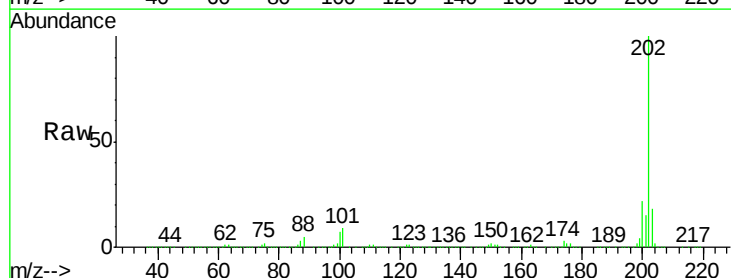
Tgt Ion:202 Resp: 1505922

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.5

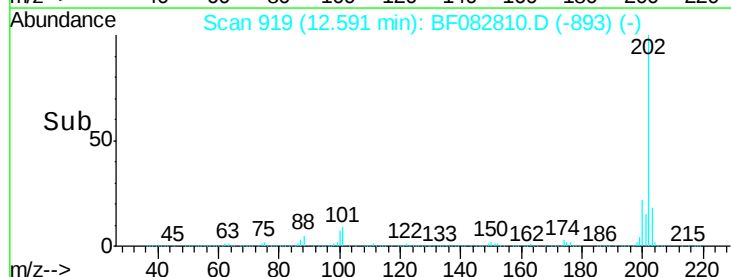
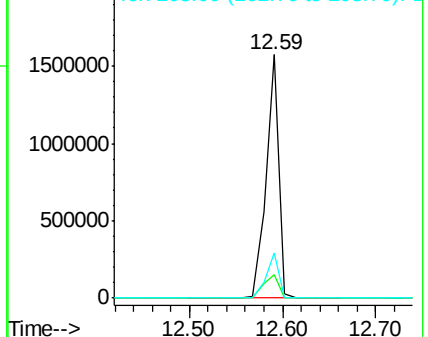
203 18.4 0.0 38.5

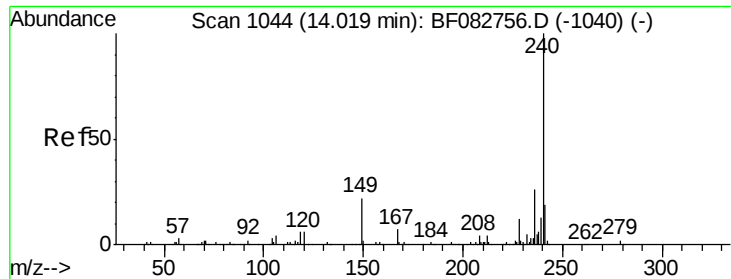


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

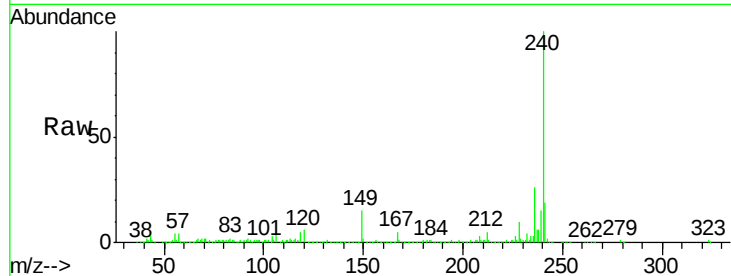
ClientSampleId :

T-14CMS

Tot Ion:	240	Resp:	474392
Ion Ratio		Lower	Upper
240	100		
120	5.8	10.9	16.3#
236	26.3	21.6	32.4

Manual Integrations
APPROVED

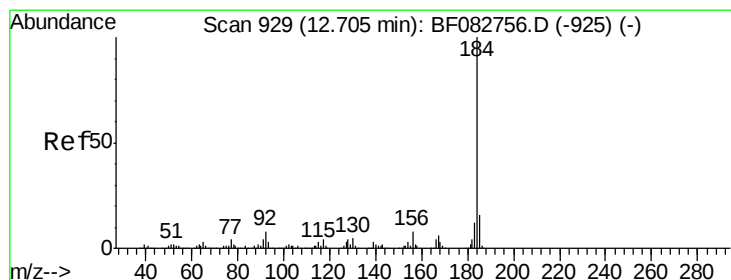
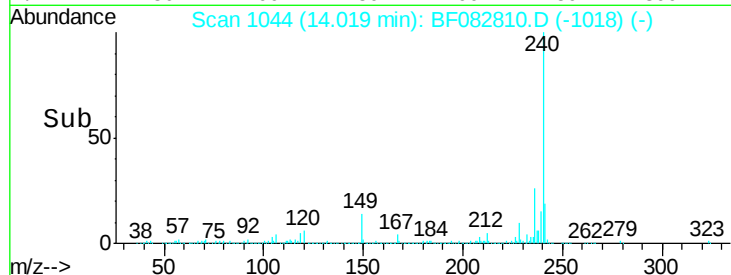
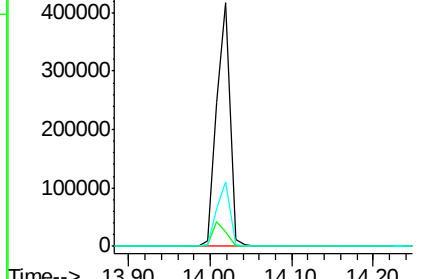
Mmdadoda
11/9/2015 2:08:30 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.48 ng

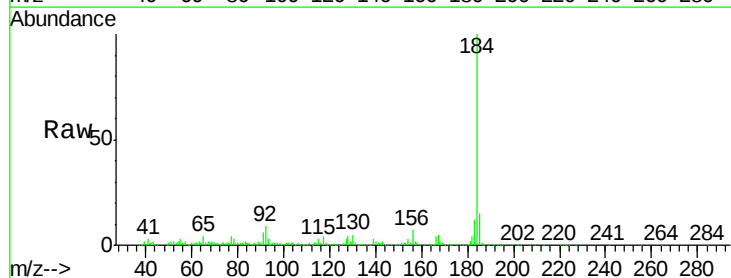
RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

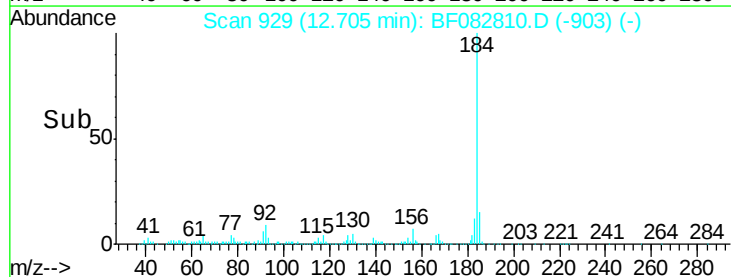
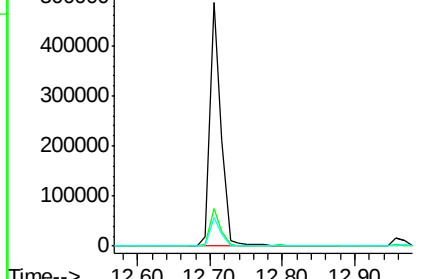
Tgt Ion:	184	Resp:	516396
Ion Ratio		Lower	Upper
184	100		
185	15.2	12.0	18.0
183	11.7	9.6	14.4

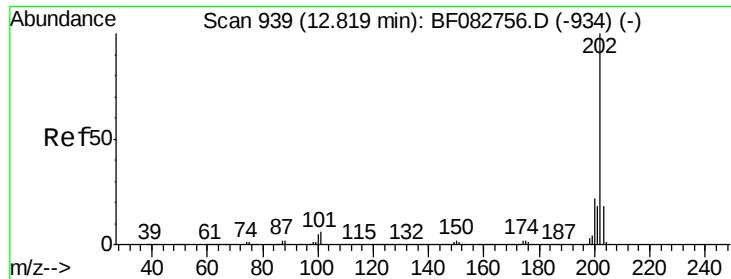


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.89 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

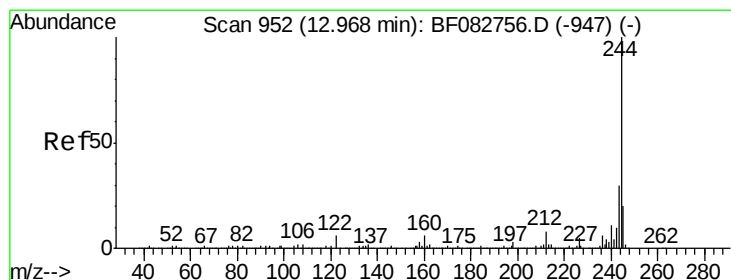
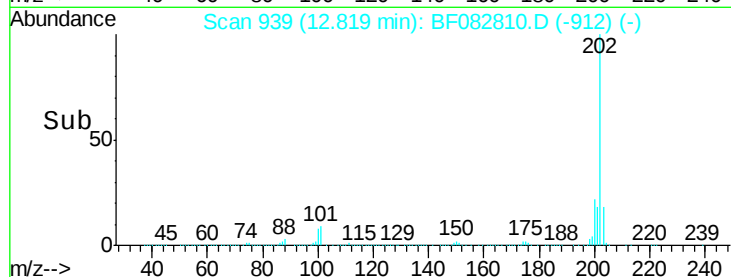
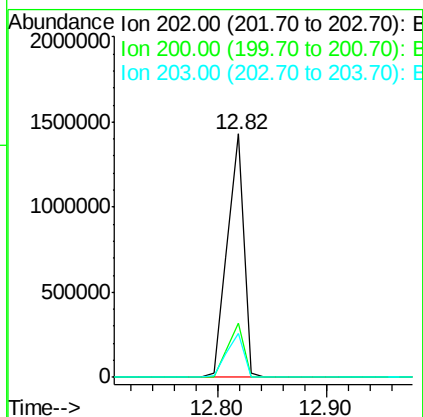
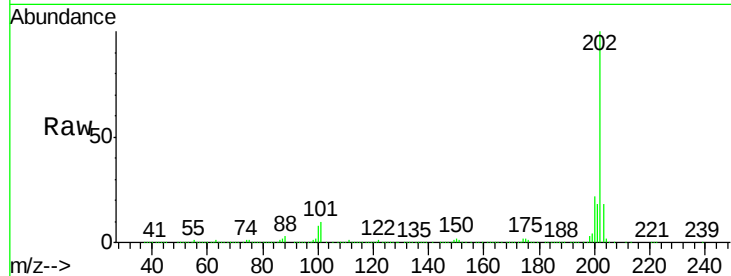
ClientSampleId :

T-14CMS

Tot Ion:	202	Resp:	1494925
Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.7	28.1
203	18.2	14.8	22.2

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



#78

Terphenyl-d14

Concen: 69.06 ng

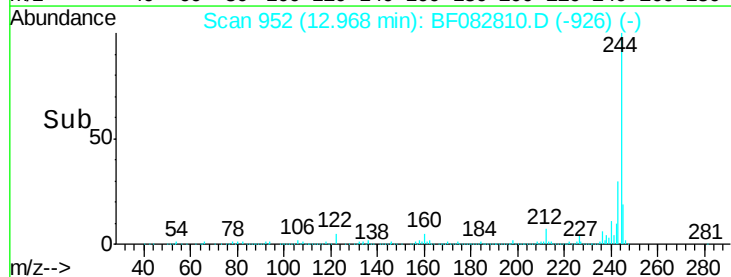
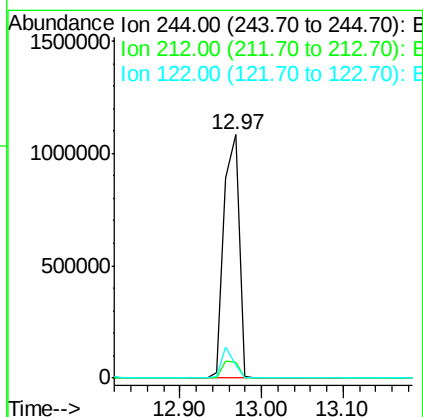
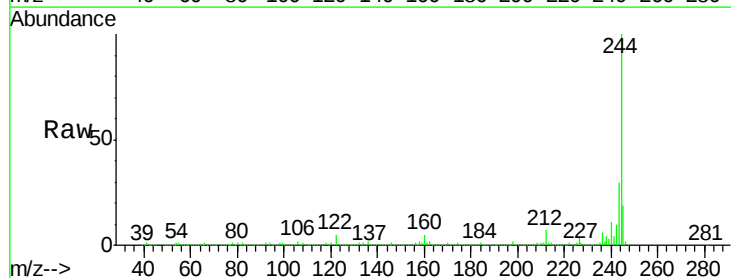
RT: 12.97 min Scan# 952

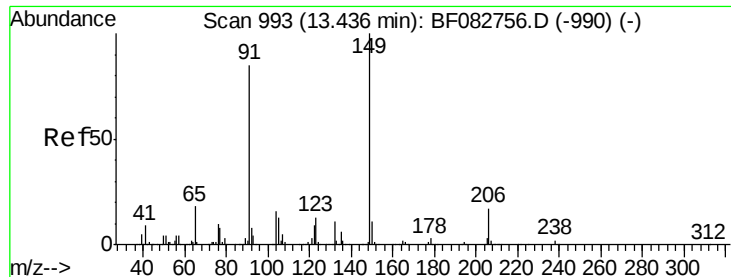
Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	244	Resp:	1381287
Ion	Ratio	Lower	Upper
244	100		
212	6.6	7.6	11.4#
122	5.5	11.3	16.9#





#79

Butylbenzylphthalate

Concen: 41.28 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

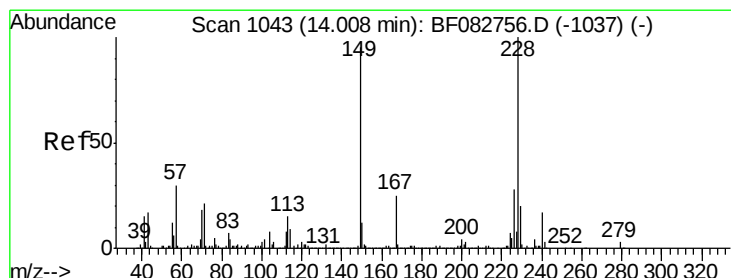
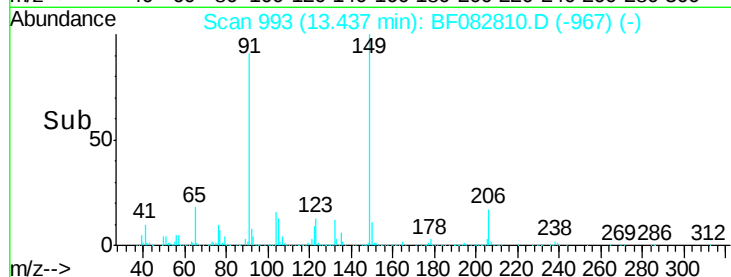
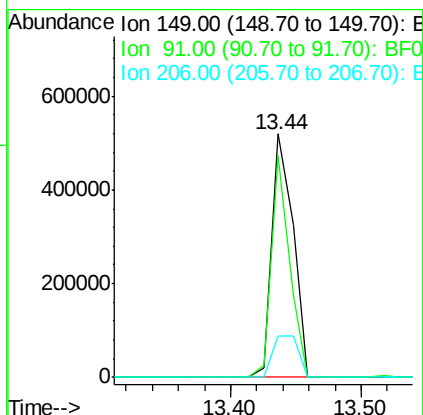
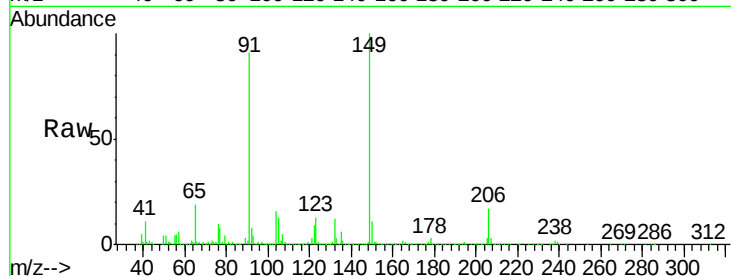
ClientSampleId :

T-14CMS

Tot Ion:	149	Resp:	594068
Ion Ratio	Lower	Upper	
149	100		
91	91.1	67.7	101.5
206	17.1	14.6	22.0

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



#80

Benzo(a)anthracene

Concen: 41.06 ng

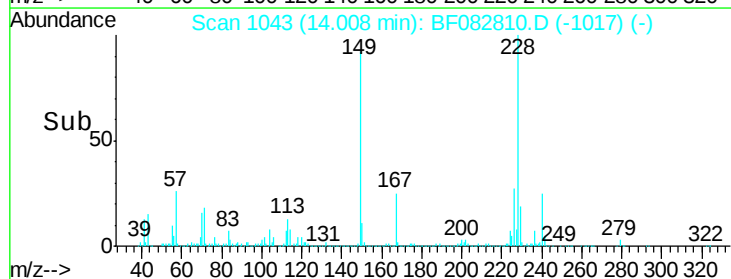
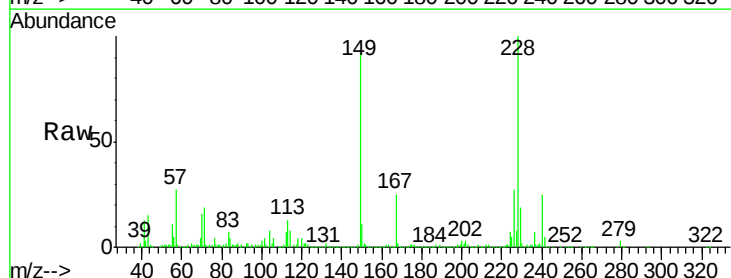
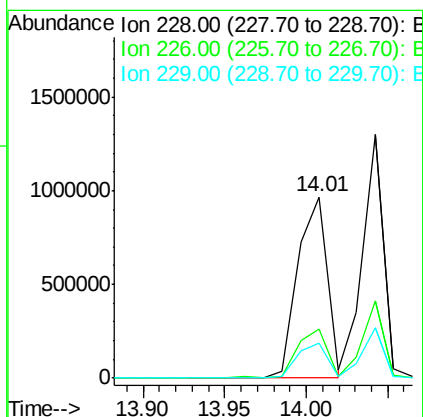
RT: 14.01 min Scan# 1043

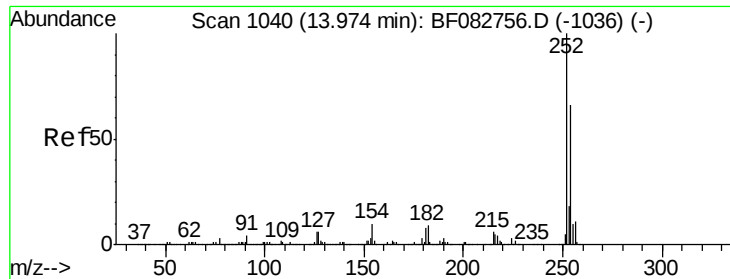
Delta R.T. 0.00 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	228	Resp:	1218129
Ion Ratio	Lower	Upper	
228	100		
226	27.3	23.4	35.2
229	19.5	16.3	24.5





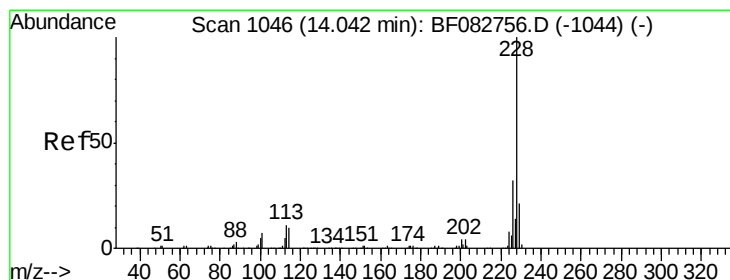
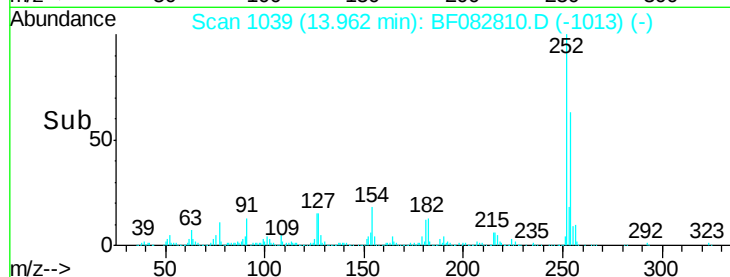
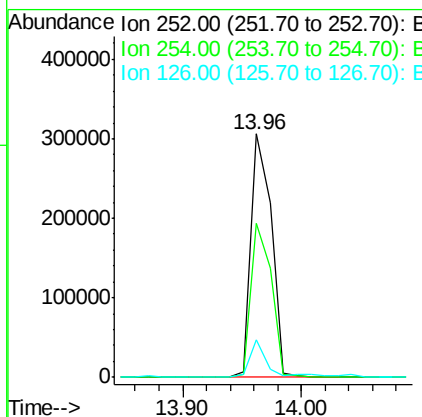
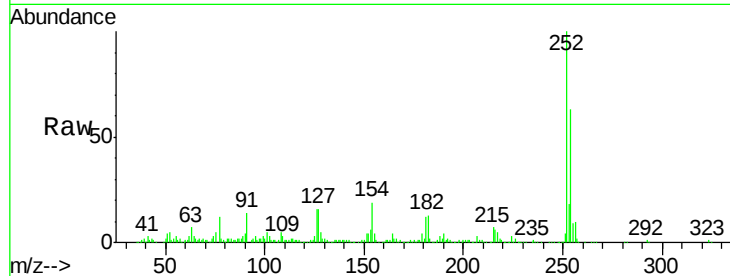
#81
 3,3'-Dichlorobenzidine
 Concen: 35.28 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.4	77.0
126	15.6	10.7	16.1

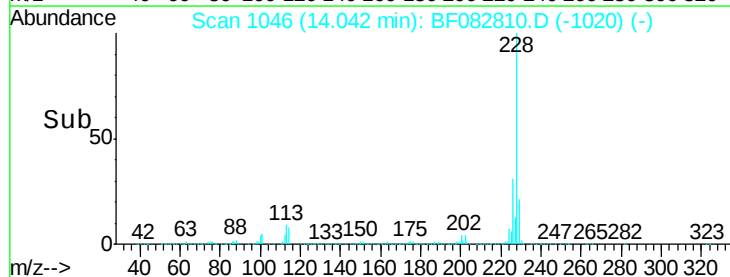
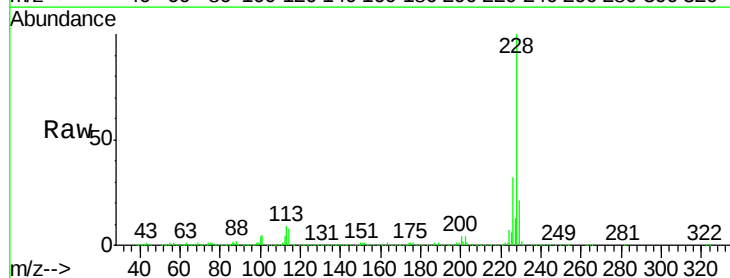
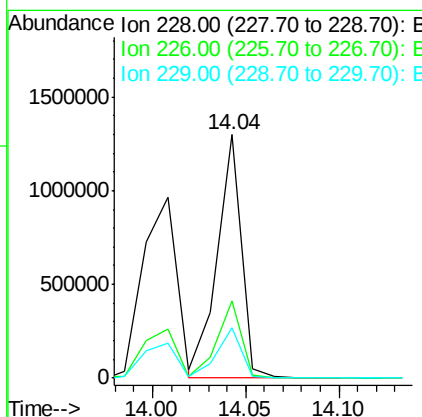
Manual Integrations
 APPROVED

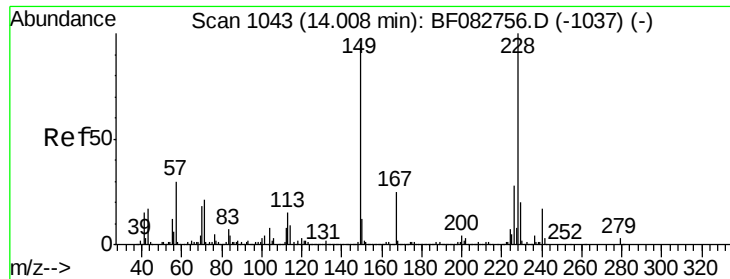
Mmdadoda
 11/9/2015 2:08:30 PM



#82
 Chrysene
 Concen: 43.15 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	20.7	16.3	24.5





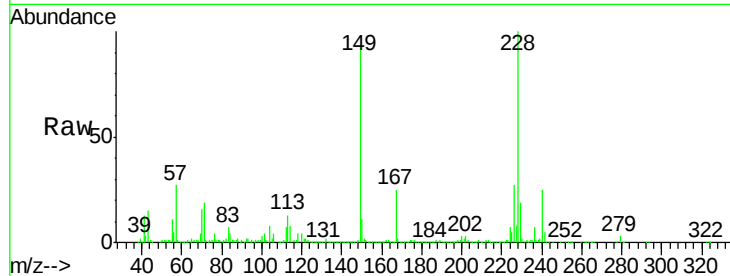
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.89 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

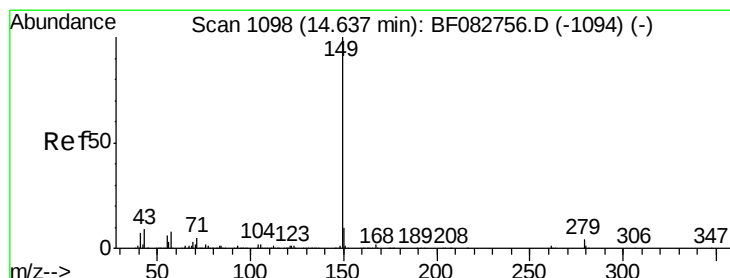
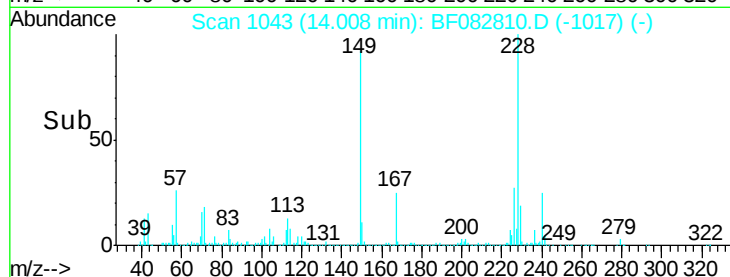
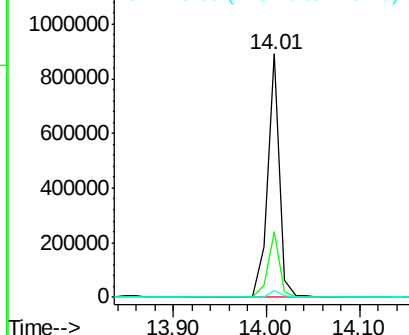
Tot Ion:	149	Resp:	785716
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.2	31.8
279	3.0	2.2	3.2

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:08:30 PM

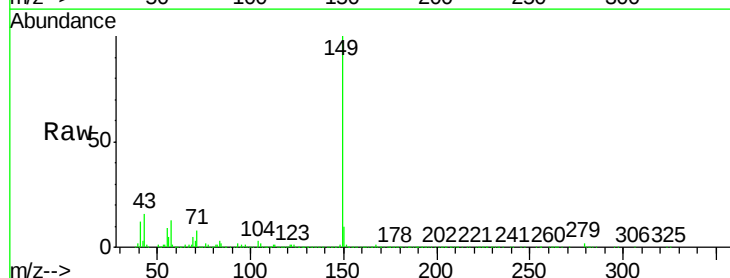


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

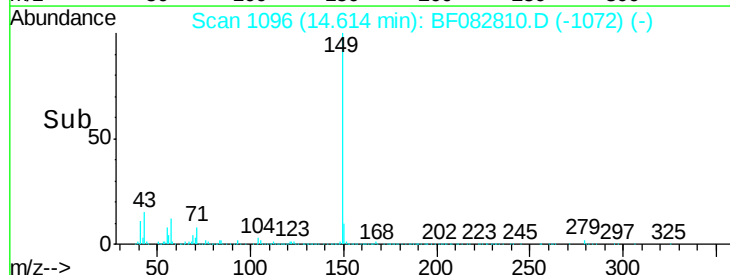
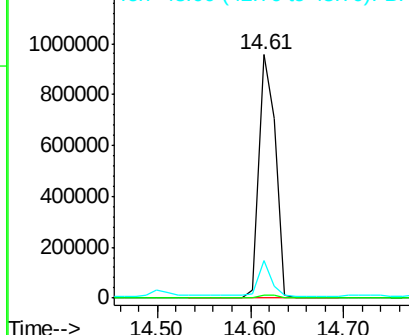


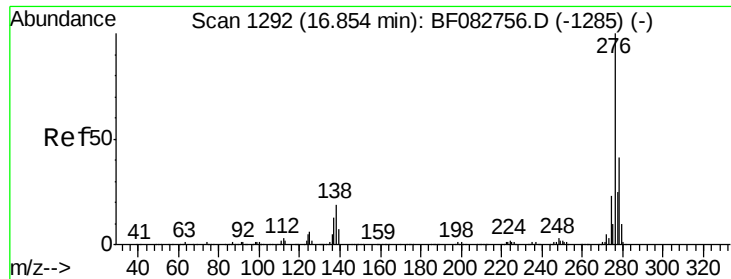
#84
 Di-n-octyl phthalate
 Concen: 35.66 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Tgt Ion:	149	Resp:	1171826
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.4	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.32 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

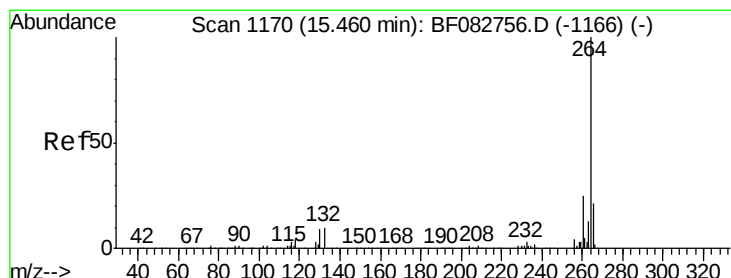
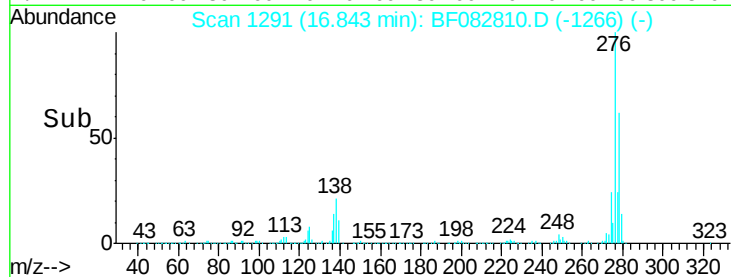
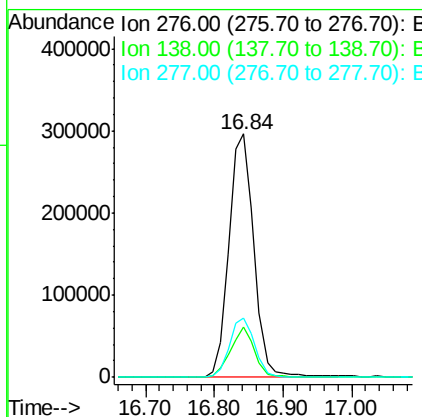
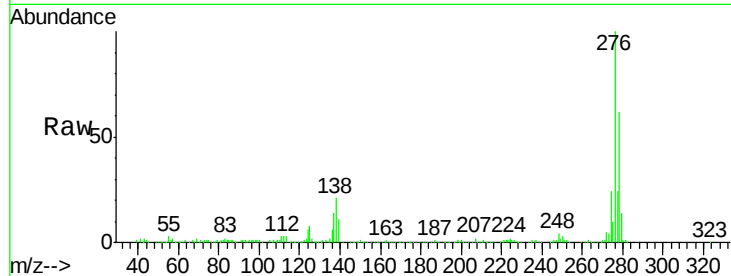
ClientSampleId :

T-14CMS

Tot Ion:	276	Resp:	756202
Ion Ratio		Lower	Upper
276	100		
138	19.5	15.3	22.9
277	24.5	20.2	30.4

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



#86

Perylene-d12

Concen: 20.00 ng

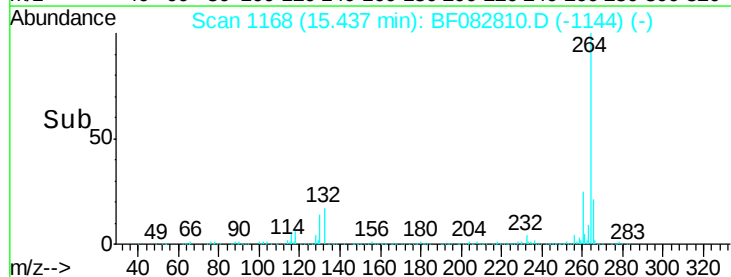
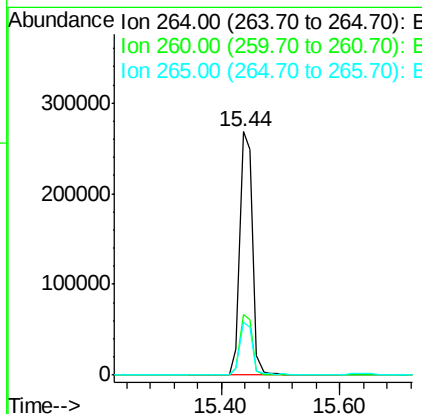
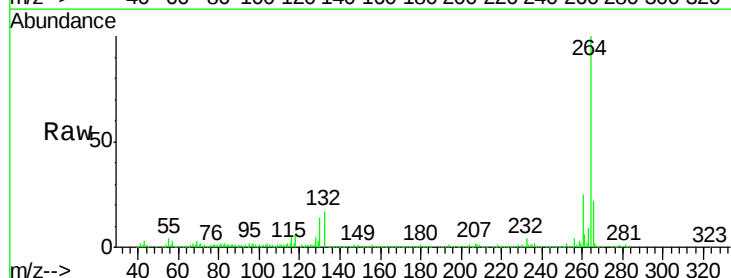
RT: 15.44 min Scan# 1168

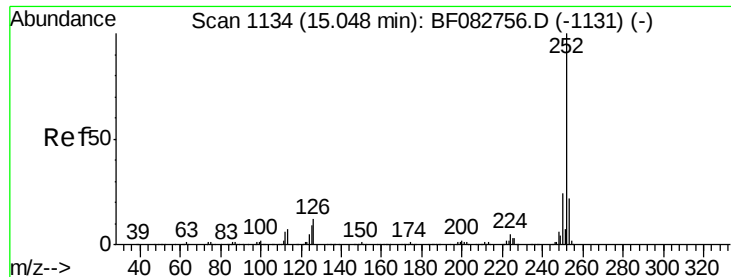
Delta R.T. -0.02 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	264	Resp:	400883
Ion Ratio		Lower	Upper
264	100		
260	25.1	19.8	29.6
265	21.5	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 37.61 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Instrument :

BNA_F

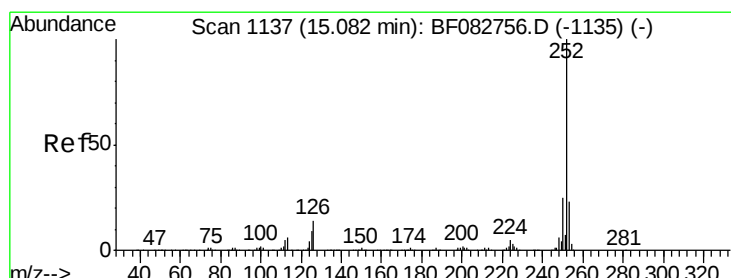
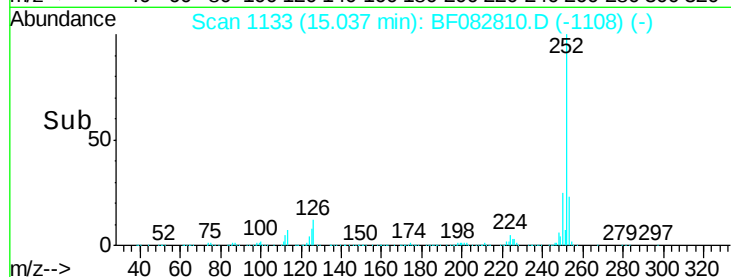
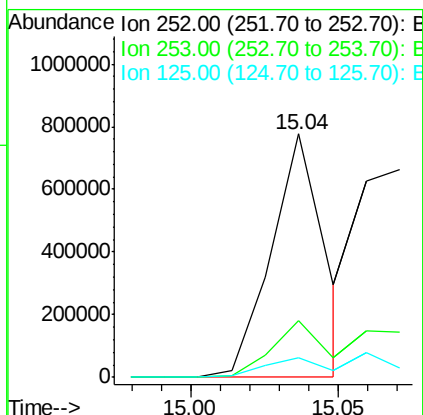
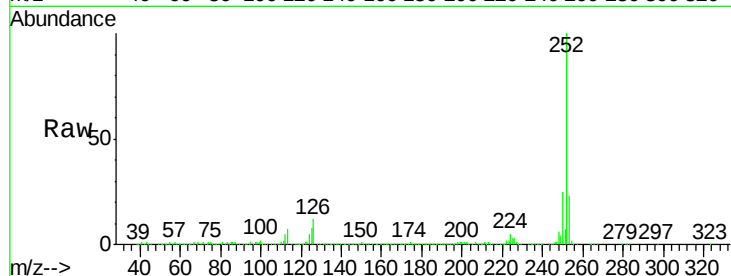
ClientSampleId :

T-14CMS

Tot Ion:	252	Resp:	967703
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.8
125	8.2	5.4	8.2#

Manual Integrations
APPROVED

Mmdadoda
11/9/2015 2:08:30 PM



#88

Benzo(k)fluoranthene

Concen: 40.24 ng m

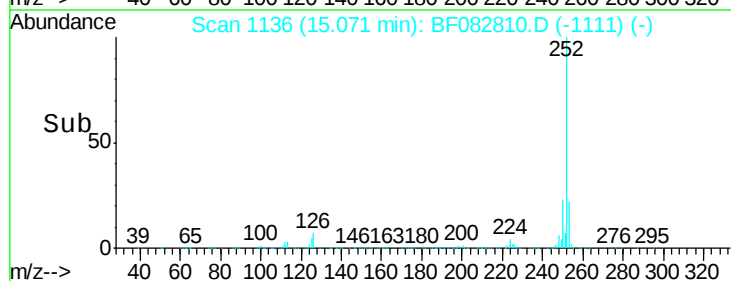
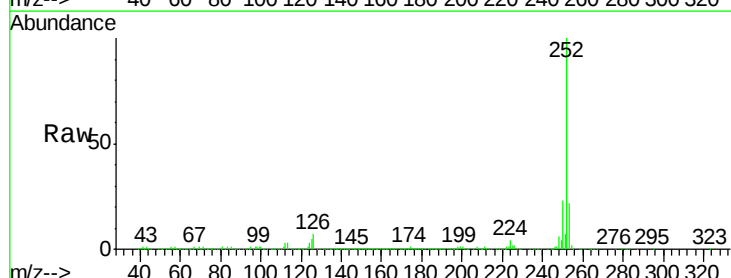
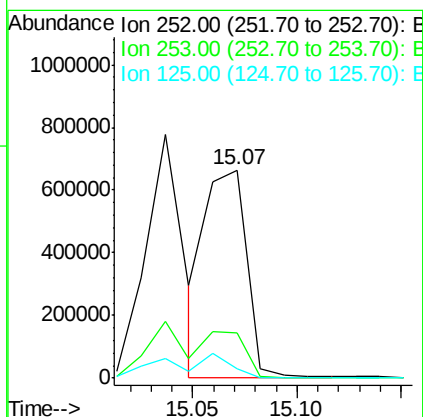
RT: 15.07 min Scan# 1136

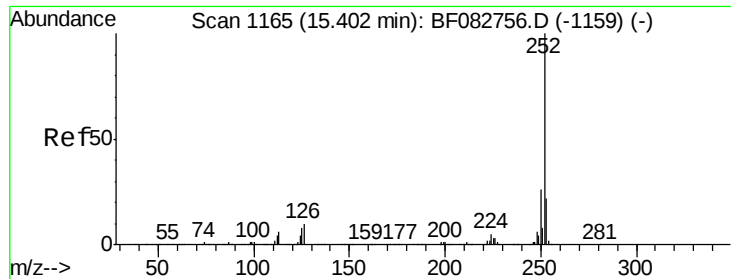
Delta R.T. -0.01 min

Lab File: BF082810.D

Acq: 7 Nov 2015 15:00

Tgt Ion:	252	Resp:	918487
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	4.8	3.5	5.3





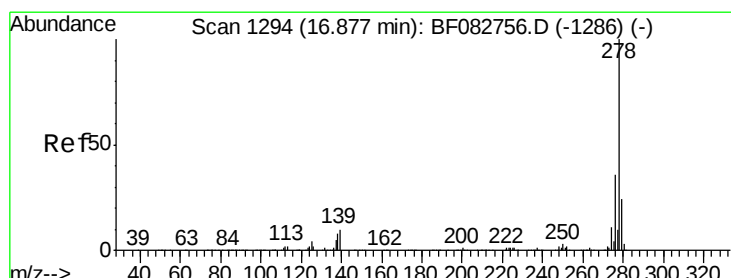
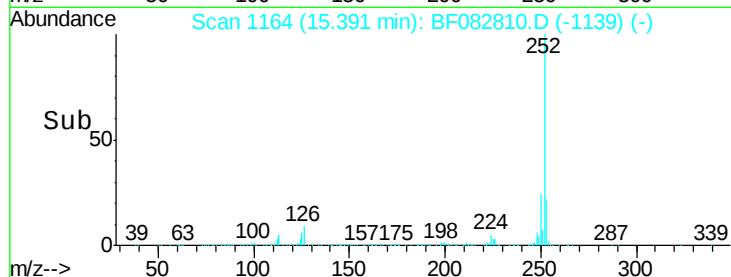
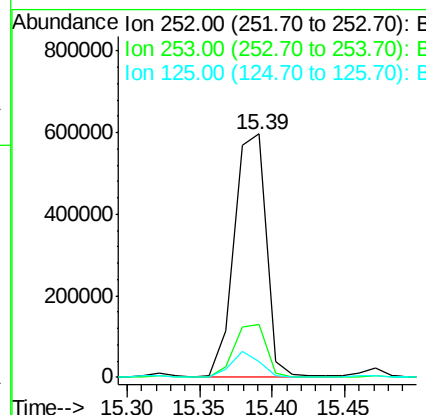
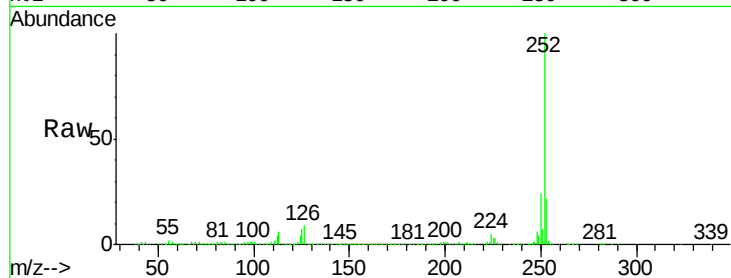
#89
Benzo(a)pyrene
Concen: 41.21 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Instrument :
BNA_F
ClientSampleId :
T-14CMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	6.6	7.1	10.7

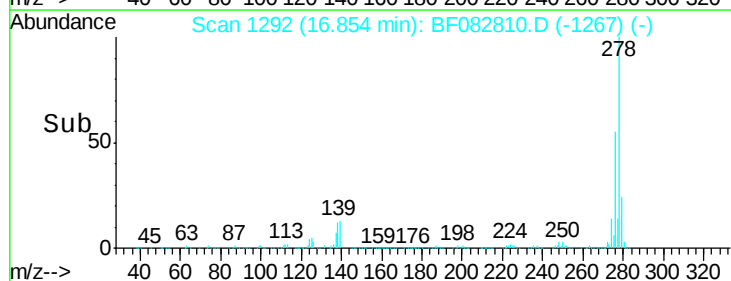
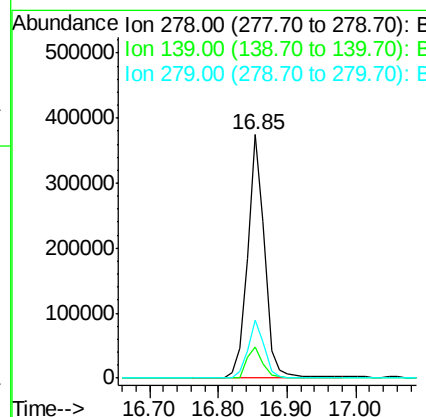
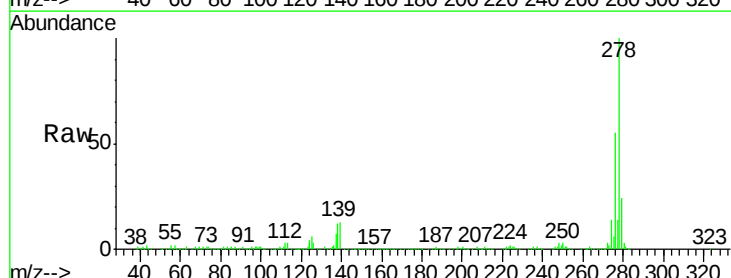
Manual Integrations
APPROVED

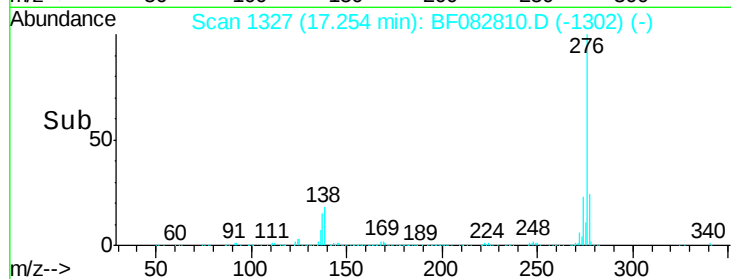
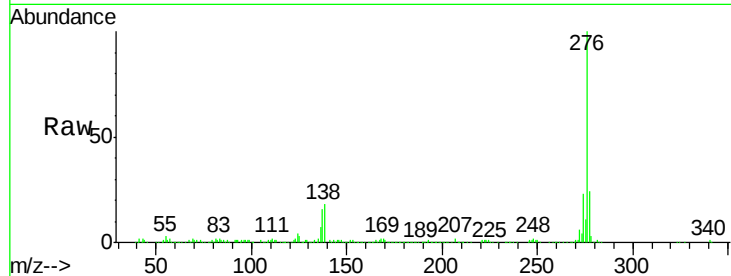
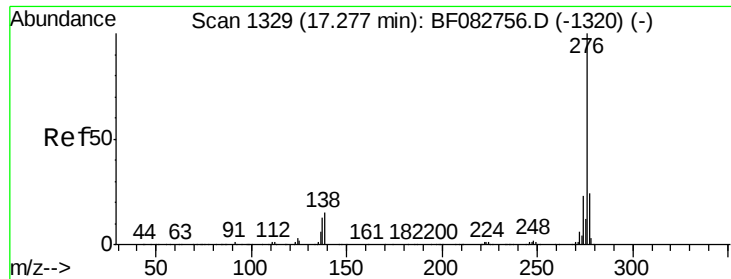
Mmdadoda
11/9/2015 2:08:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 33.93 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF082810.D
Acq: 7 Nov 2015 15:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	9.9	14.9
279	24.1	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 32.98 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF082810.D
 Acq: 7 Nov 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	19.2	28.8
138	18.3	13.1	19.7

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:08:30 PM

