

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082171.D
 Acq On : 10 Oct 2015 12:32
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:30:54 PM

Quant Time: Oct 12 01:44:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 00:52:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95787m	20.00	ng	0.01
21) Naphthalene-d8	8.13	136	376687	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	192658	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	367735	20.00	ng	0.00
75) Chrysene-d12	14.01	240	321006	20.00	ng	0.00
86) Perylene-d12	15.44	264	262600	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	460762	87.84	ng	0.00
7) Phenol-d6	6.48	99	600039	90.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	564042	99.30	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	163729	84.82	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1149420	94.31	ng	0.00
78) Terphenyl-d14	12.96	244	1136652	99.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	111870	48.80	ng	98
3) Pyridine	3.14	79	288417	49.29	ng	100
4) n-Nitrosodimethylamine	3.11	42	123472	46.11	ng	97
6) Aniline	6.50	93	399098	45.02	ng	96
8) 2-Chlorophenol	6.63	128	277693	47.52	ng	98
9) Benzaldehyde	6.39	77	159565	37.62	ng	98
10) Phenol	6.49	94	349879	46.82	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	295946	50.20	ng	98
12) 1,3-Dichlorobenzene	6.78	146	323211m	46.86	ng	
13) 1,4-Dichlorobenzene	6.86	146	337264m	46.77	ng	
14) 1,2-Dichlorobenzene	7.02	146	295803	46.05	ng	# 90
15) Benzyl Alcohol	6.99	79	218911	45.99	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	382320	46.85	ng	99
17) 2-Methylphenol	7.11	107	221964	47.08	ng	98
18) Hexachloroethane	7.35	117	112332	49.27	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	215168	53.04	ng	92
20) 3+4-Methylphenols	7.26	107	246917	41.73	ng	99
22) Acetophenone	7.26	105	352944	46.09	ng	98
24) Nitrobenzene	7.43	77	284599	47.16	ng	98
25) Isophorone	7.67	82	545780	48.77	ng	99
26) 2-Nitrophenol	7.75	139	166728	55.81	ng	97
27) 2,4-Dimethylphenol	7.78	122	240035	47.05	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	346226	51.20	ng	99
29) 2,4-Dichlorophenol	7.99	162	251785	49.75	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	275847	49.10	ng	98
31) Naphthalene	8.15	128	753251	45.08	ng	99
32) Benzoic acid	7.93	122	165828	58.53	ng	98
33) 4-Chloroaniline	8.21	127	343957	47.82	ng	99
34) Hexachlorobutadiene	8.26	225	165031	49.38	ng	98
35) Caprolactam	8.59	113	65256	46.33	ng	# 78
36) 4-Chloro-3-methylphenol	8.69	107	239117	48.92	ng	99
37) 2-Methylnaphthalene	8.85	142	578386	50.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	262241	44.69	ng	98
40) Hexachlorocyclopentadiene	8.99	237	130468	44.59	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082171.D
 Acq On : 10 Oct 2015 12:32
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:30:54 PM

Quant Time: Oct 12 01:44:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 00:52:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	176078	44.24	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	199910	48.16	ng	97
45) 1,1'-Biphenyl	9.31	154	688363	46.64	ng	95
46) 2-Chloronaphthalene	9.34	162	558787	48.17	ng	98
47) 2-Nitroaniline	9.44	65	159591	46.95	ng	# 60
48) Acenaphthylene	9.75	152	818655	43.85	ng	99
49) Dimethylphthalate	9.61	163	609068	46.39	ng	100
50) 2,6-Dinitrotoluene	9.68	165	138898	47.71	ng	# 87
51) Acenaphthene	9.92	154	517857	46.62	ng	99
52) 3-Nitroaniline	9.85	138	155989	47.06	ng	94
53) 2,4-Dinitrophenol	9.95	184	75136	70.67	ng	93
54) Dibenzofuran	10.09	168	689676	43.90	ng	98
55) 4-Nitrophenol	10.01	139	96019	41.11	ng	92
56) 2,4-Dinitrotoluene	10.08	165	168732	45.96	ng	94
57) Fluorene	10.43	166	566335	45.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	155318	47.27	ng	96
59) Diethylphthalate	10.31	149	572837	46.24	ng	100
60) 4-Chlorophenyl-phenylether	10.42	204	254493	44.49	ng	99
61) 4-Nitroaniline	10.47	138	155541	46.35	ng	98
62) Azobenzene	10.58	77	557769	46.15	ng	100
64) 4,6-Dinitro-2-methylphenol	10.49	198	106650	62.90	ng	84
65) n-Nitrosodiphenylamine	10.55	169	494417	44.48	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	167302	45.09	ng	97
67) Hexachlorobenzene	10.98	284	189681	45.78	ng	# 93
68) Atrazine	11.07	200	152271	44.44	ng	99
69) Pentachlorophenol	11.18	266	114670	48.73	ng	96
70) Phenanthrene	11.39	178	812363	42.20	ng	99
71) Anthracene	11.45	178	918255	48.71	ng	100
72) Carbazole	11.61	167	795749	47.19	ng	# 96
73) Di-n-butylphthalate	11.93	149	962514	49.94	ng	100
74) Fluoranthene	12.58	202	893331	44.82	ng	98
76) Benzidine	12.71	184	444361	46.76	ng	98
77) Pyrene	12.81	202	882790	46.67	ng	100
79) Butylbenzylphthalate	13.43	149	404213	55.49	ng	96
80) Benzo(a)anthracene	14.00	228	791343	46.17	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	293414	50.36	ng	98
82) Chrysene	14.05	228	803211	48.91	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	597206	62.96	ng	100
84) Di-n-octyl phthalate	14.61	149	987623	63.73	ng	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	636037	47.65	ng	99
87) Benzo(b)fluoranthene	15.03	252	826272m	53.81	ng	
88) Benzo(k)fluoranthene	15.06	252	571847m	42.07	ng	
89) Benzo(a)pyrene	15.38	252	646533	49.45	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	522113	47.81	ng	98
91) Benzo(g,h,i)perylene	17.28	276	503306	45.40	ng	98

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

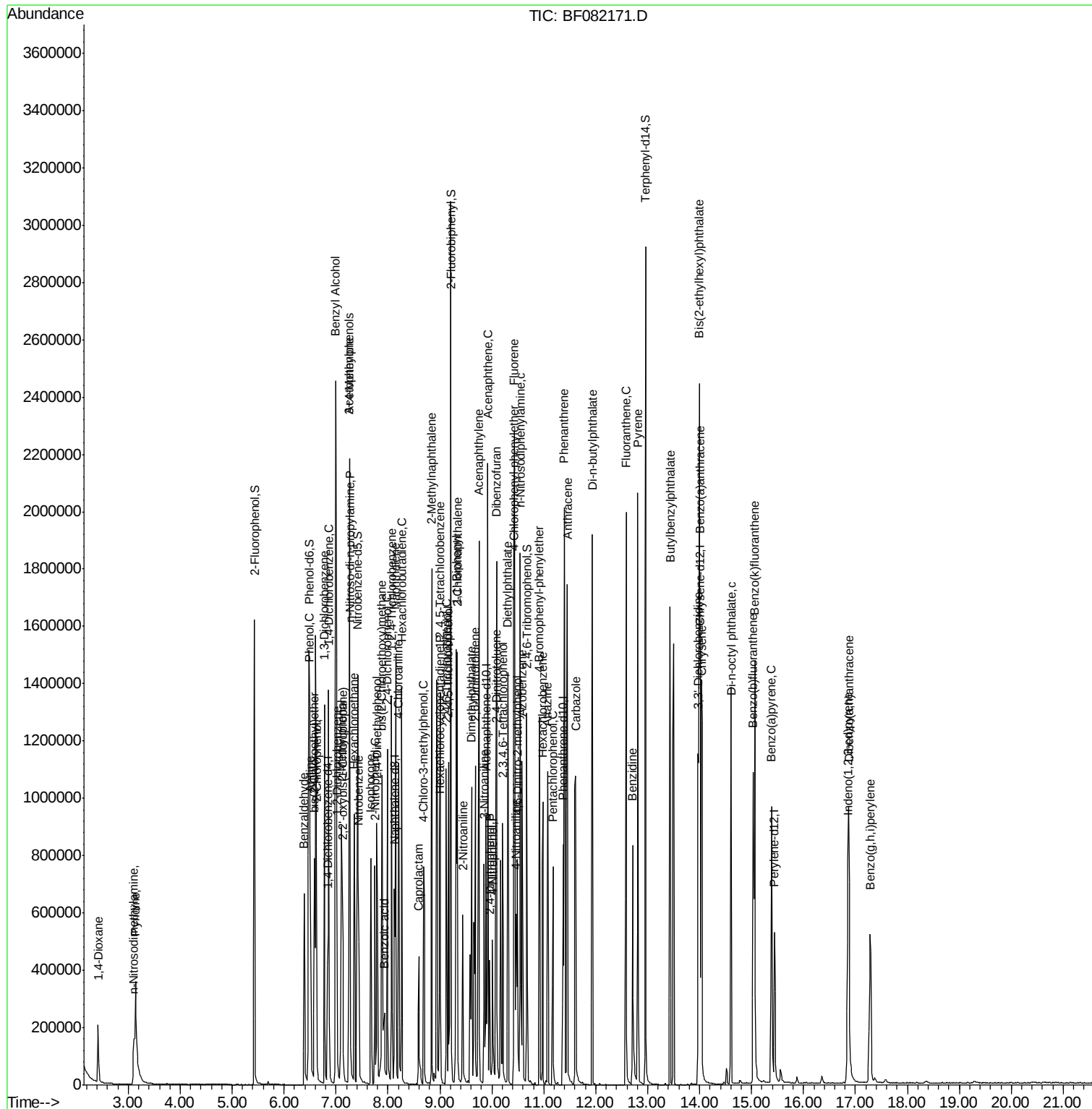
```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\  
Data File : BF082171.D  
Acq On    : 10 Oct 2015   12:32  
Operator  : UM/IZ  
Sample    : SSTDICC050  
Misc      :  
ALS Vial  : 7      Sample Multiplier: 1
```

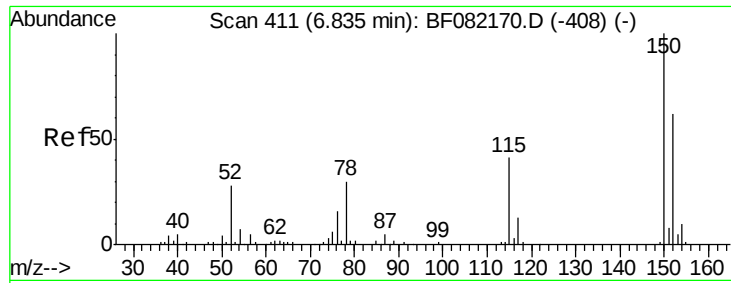
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

MMDadoda
10/12/2015 2:30:54 PM

Quant Time: Oct 12 01:44:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 00:52:18 2015
Response via : Initial Calibration





#1

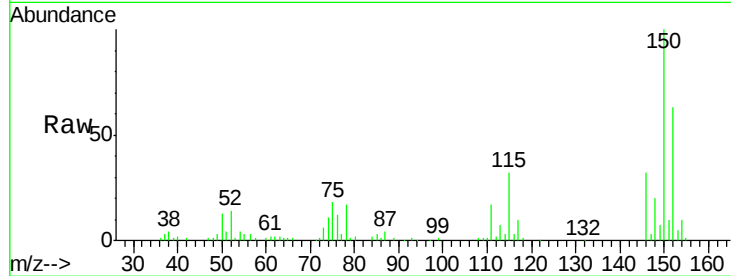
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.85 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

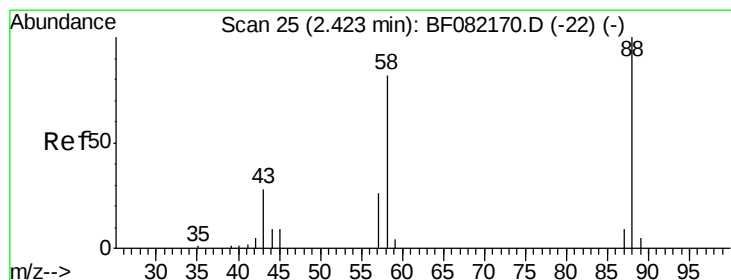
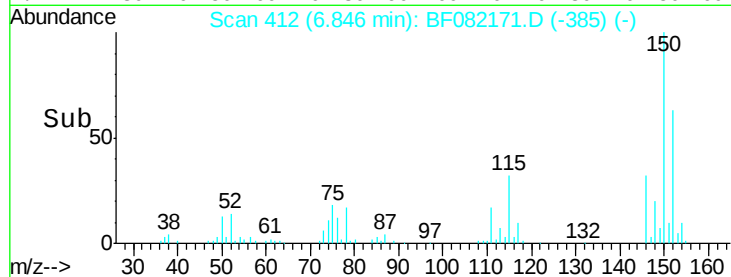
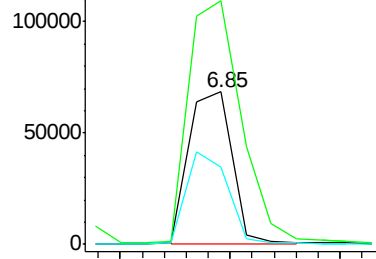
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	129.0	193.4
115	50.4	52.1	78.1#

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



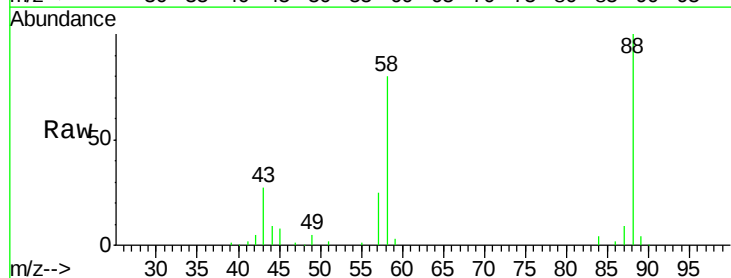
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



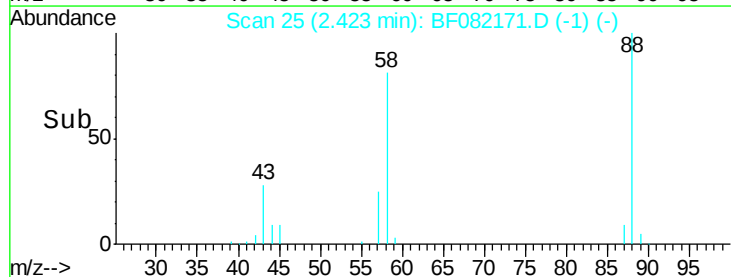
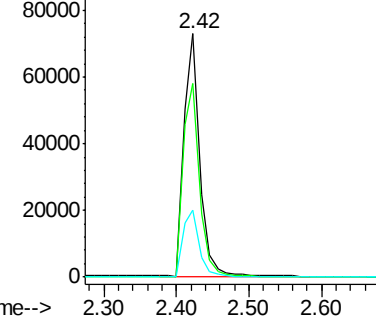
#2

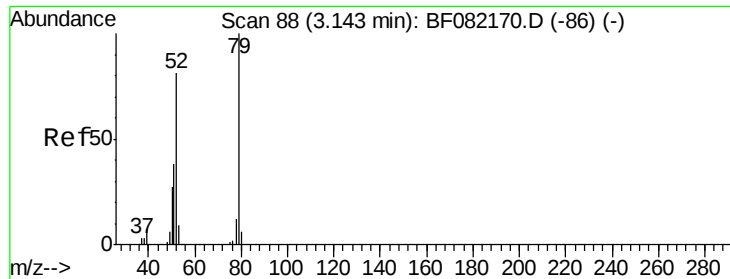
1,4-Dioxane
Concen: 48.80 ng
RT: 2.42 min Scan# 25
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	66.2	99.4
43	27.8	23.0	34.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 49.29 ng

RT: 3.14 min Scan# 88

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

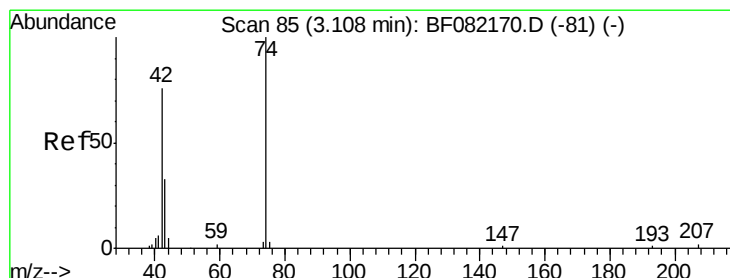
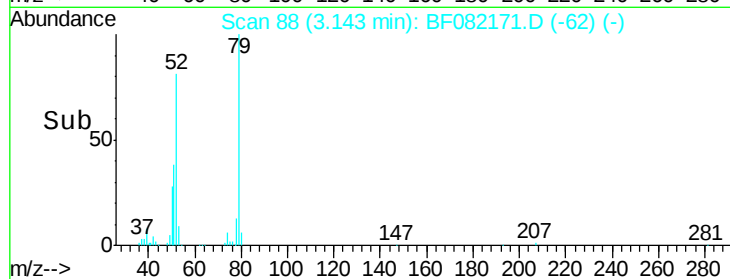
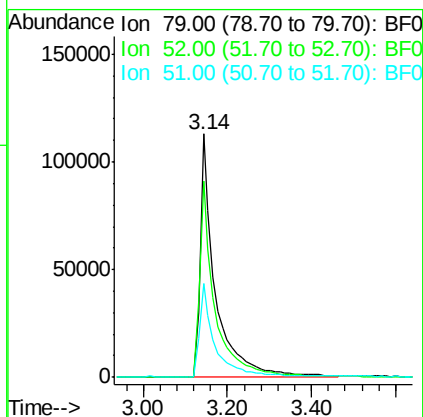
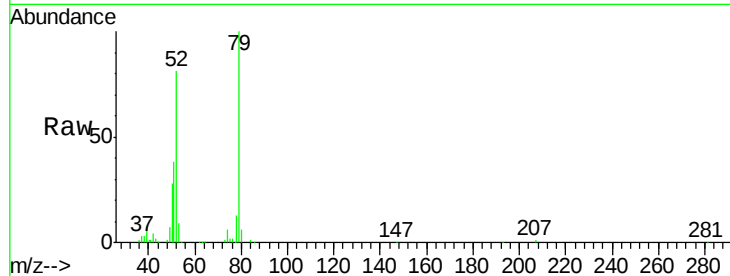
ClientSampleId :

SSTDICC050

Tgt Ion	Ratio	Lower	Upper
79	100		
52	80.5	64.4	96.6
51	38.4	30.5	45.7

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#4

n-Nitrosodimethylamine

Concen: 46.11 ng

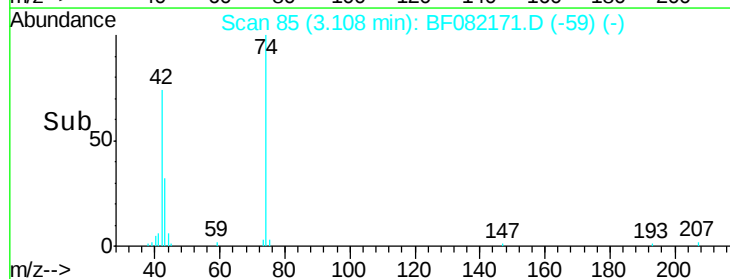
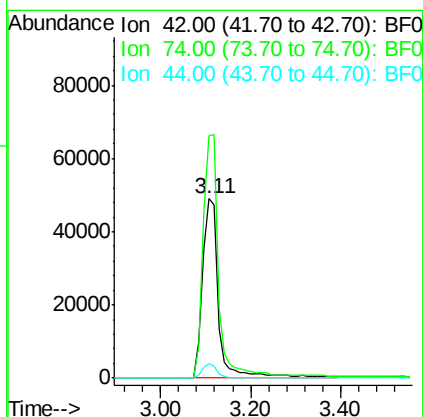
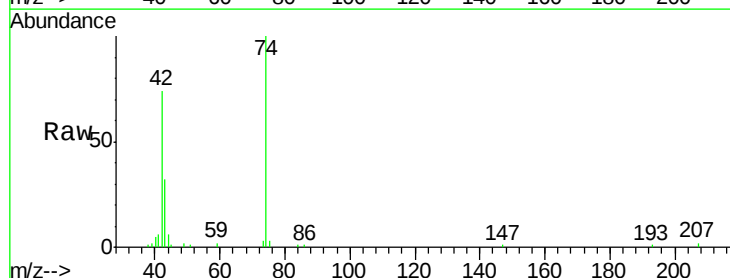
RT: 3.11 min Scan# 85

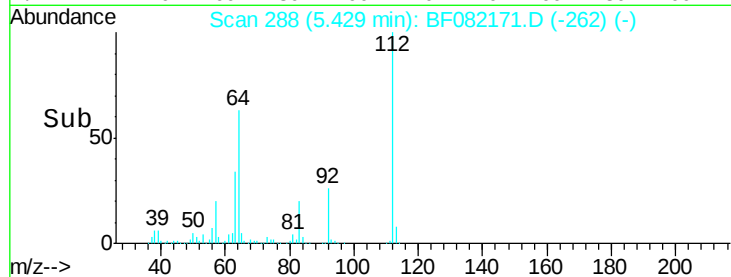
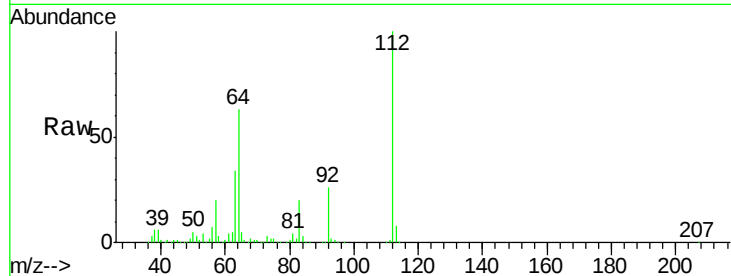
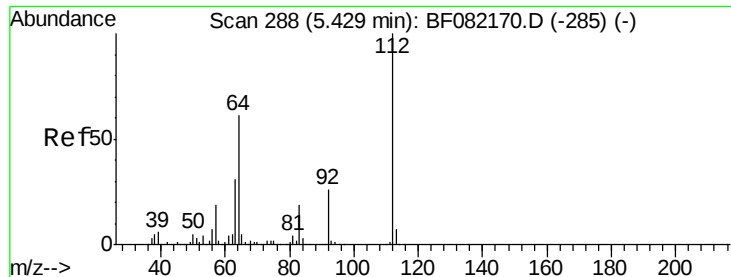
Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.7	105.7	158.5
44	7.8	5.4	8.2





#5

2-Fluorophenol

Concen: 87.84 ng

RT: 5.43 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	460762		
64	63.5	48.6	73.0	
63	33.7	25.1	37.7	

Instrument :

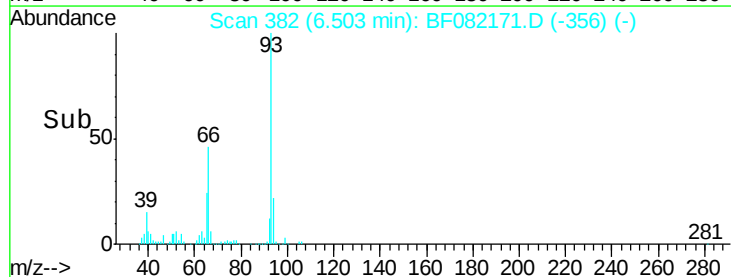
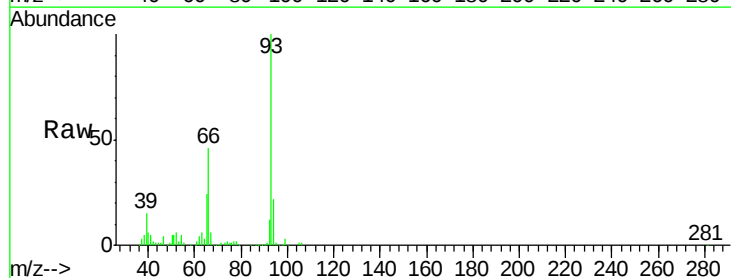
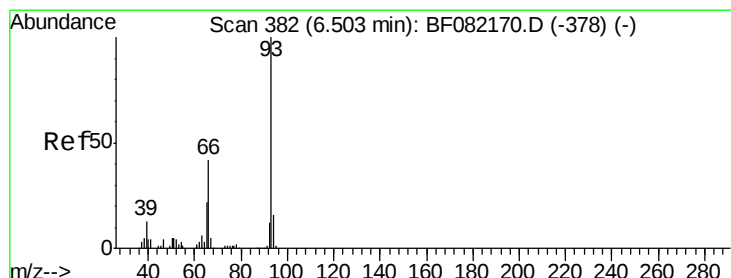
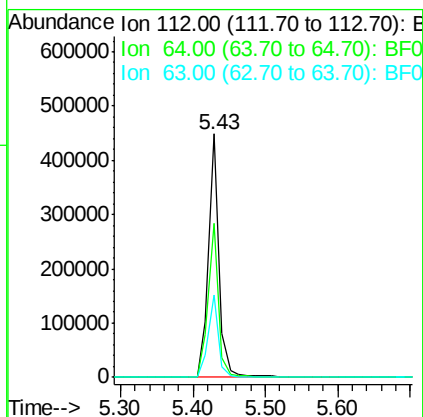
BNA_F

ClientSampleId :

SSTDIC050

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#6

Aniline

Concen: 45.02 ng

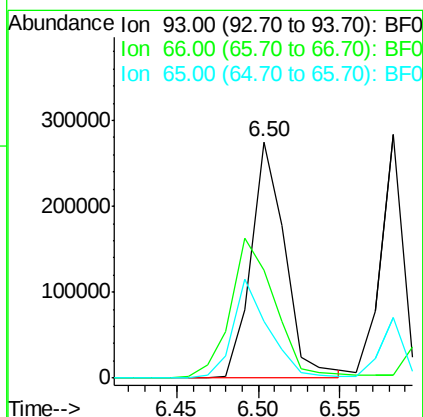
RT: 6.50 min Scan# 382

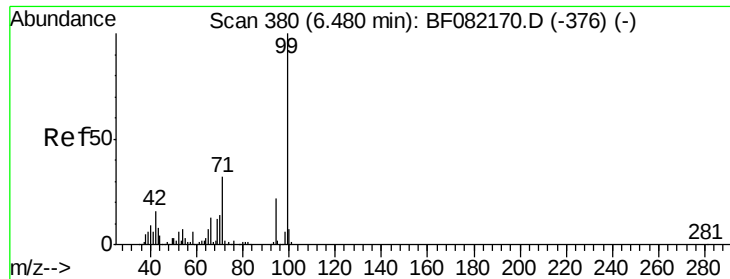
Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	399098		
66	45.8	34.2	51.2	
65	23.9	17.9	26.9	





#7

Phenol-d6

Concen: 90.39 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082171.D

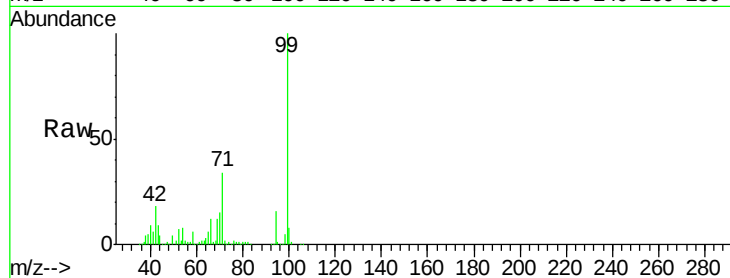
Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

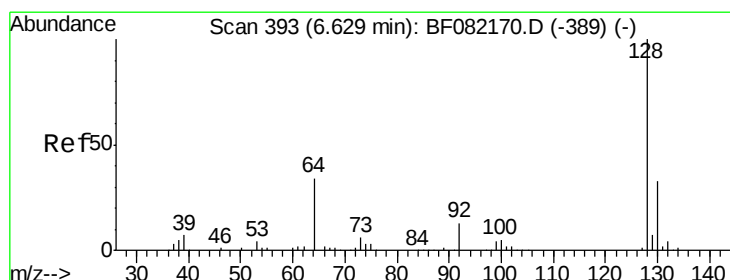
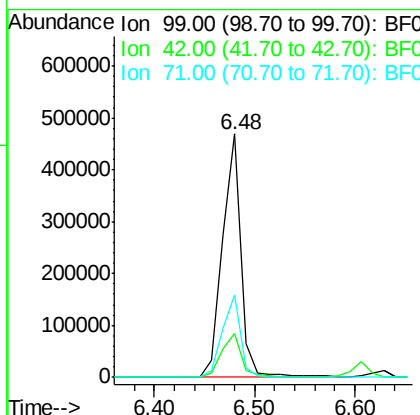
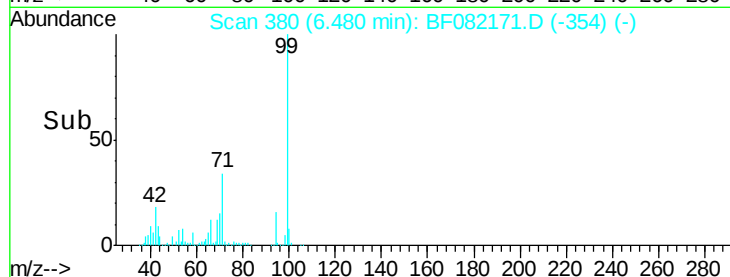
SSTDICC050



Tgt Ion:	99	Resp:	600039
Ion Ratio	Lower	Upper	
99	100		
42	18.1	13.2	19.8
71	34.0	25.6	38.4

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#8

2-Chlorophenol

Concen: 47.52 ng

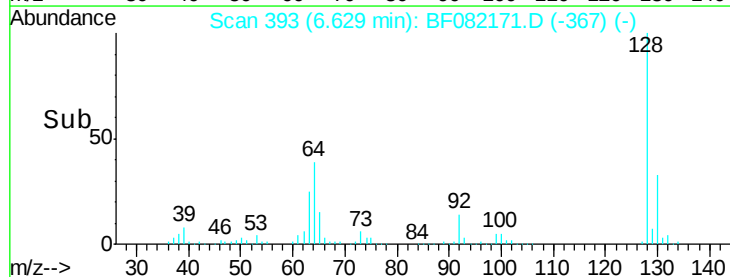
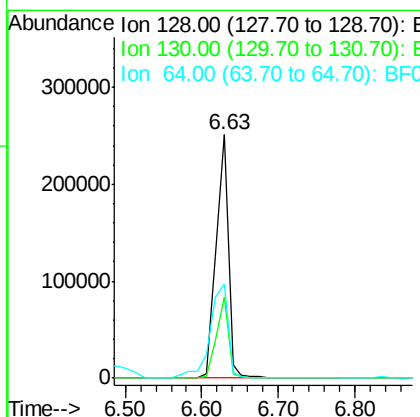
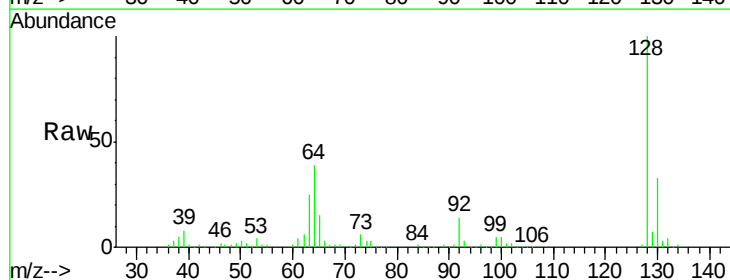
RT: 6.63 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion:	128	Resp:	277693
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.6	52.6
64	38.8	16.7	56.7





#9

Benzaldehyde

Concen: 37.62 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

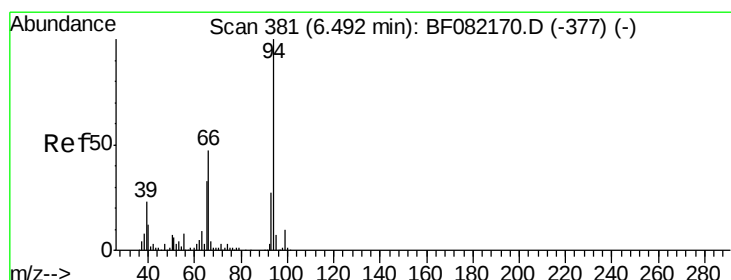
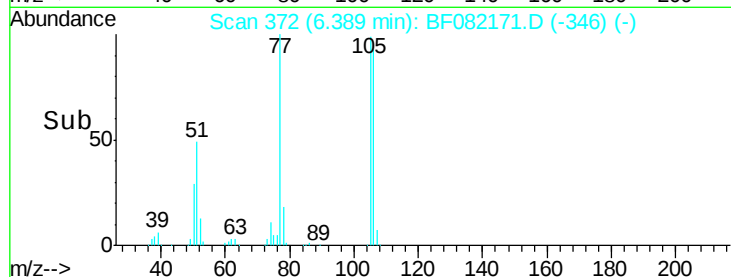
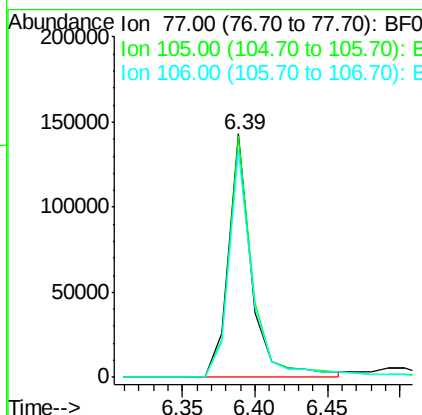
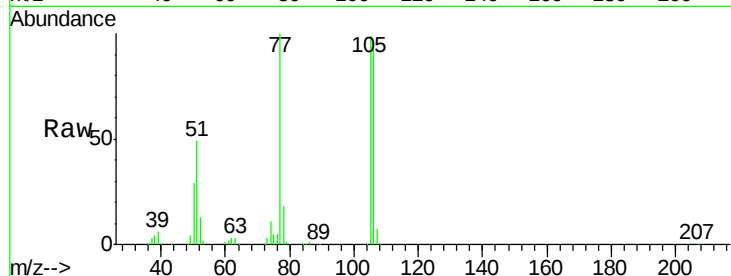
ClientSampleId :

SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	159565		
105	99.2	80.6	120.6	
106	93.5	75.5	115.5	

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#10

Phenol

Concen: 46.82 ng

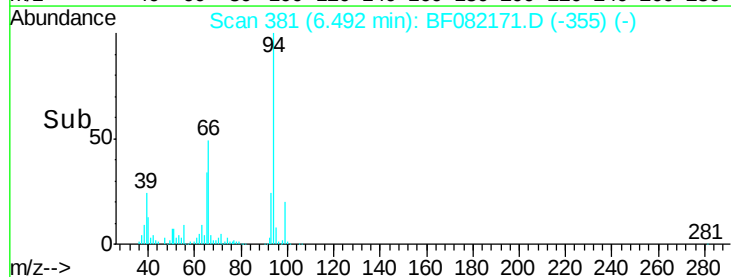
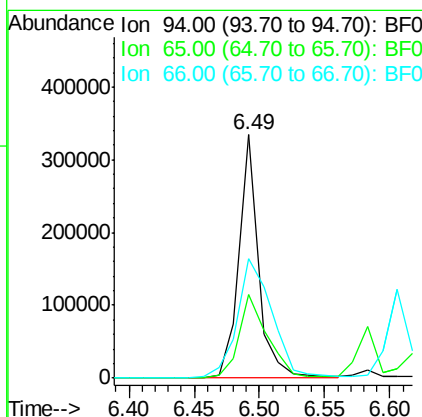
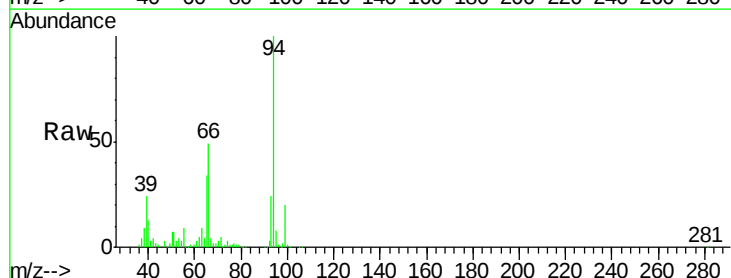
RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	349879		
65	34.3	12.6	52.6	
66	48.9	27.3	67.3	





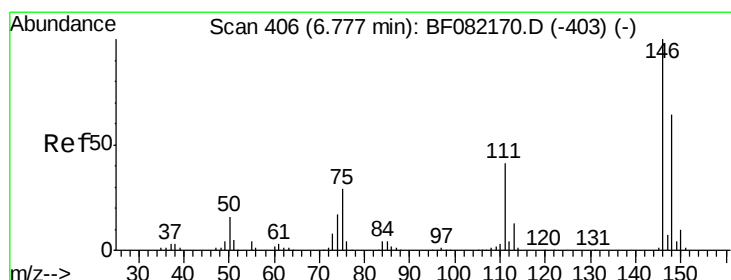
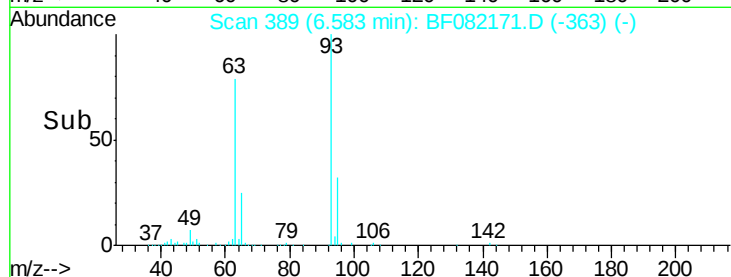
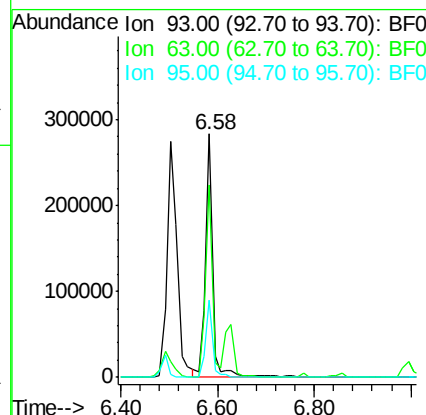
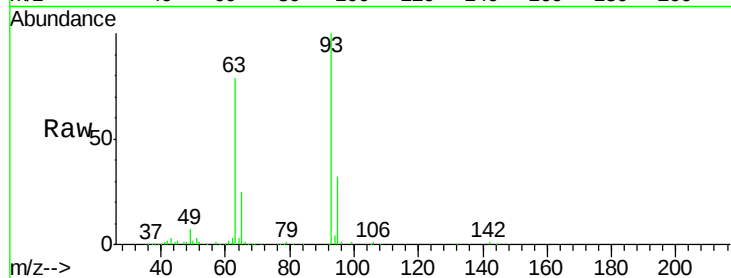
#11
bis(2-Chloroethyl)ether
Concen: 50.20 ng
RT: 6.58 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	79.2	57.1	97.1
95	31.8	11.9	51.9

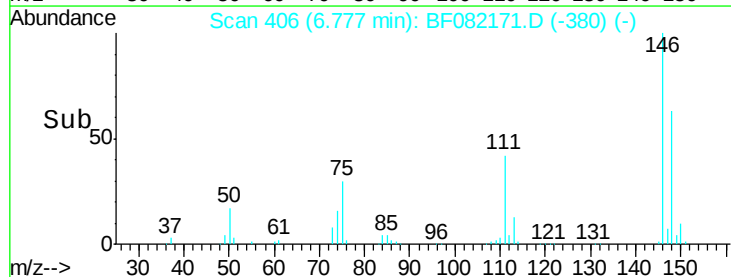
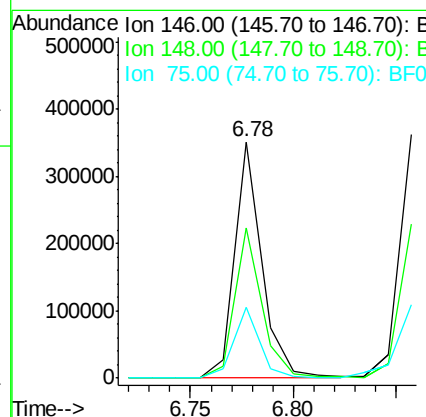
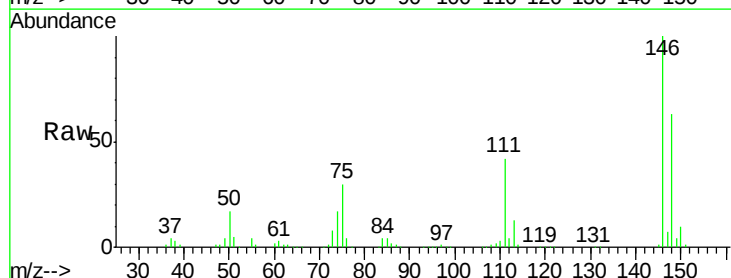
Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#12
1,3-Dichlorobenzene
Concen: 46.86 ng m
RT: 6.78 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.3	51.4	77.2
75	30.1	23.0	34.6





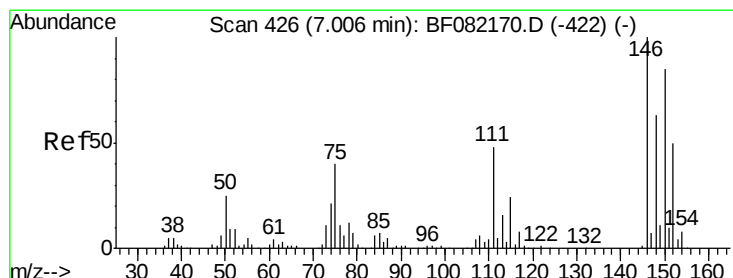
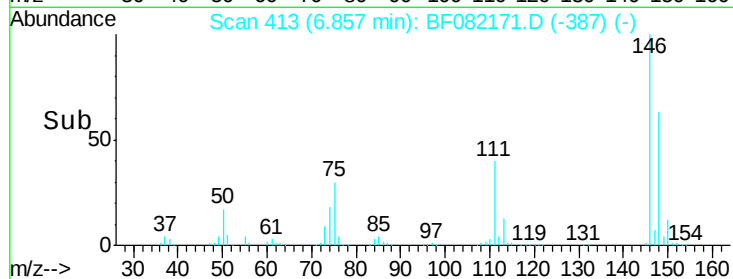
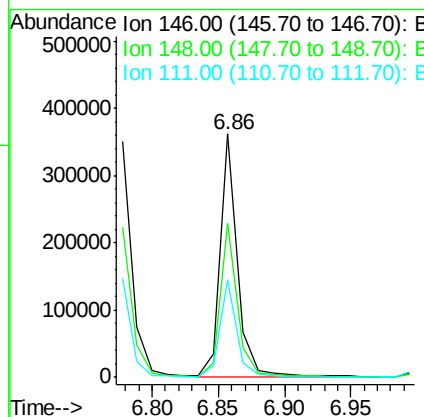
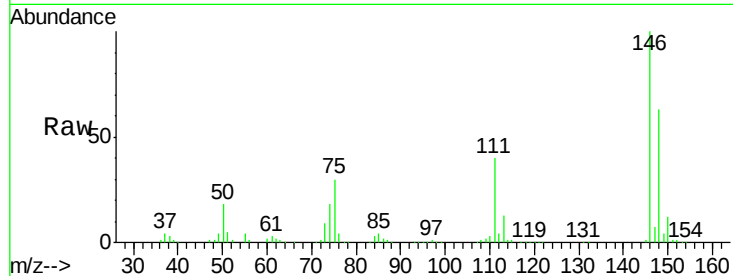
#13
1,4-Dichlorobenzene
Concen: 46.77 ng m
RT: 6.86 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	337264		
148	63.1	51.0	76.4	
111	40.1	31.1	46.7	

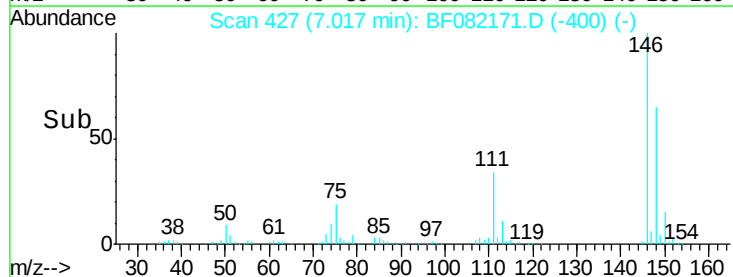
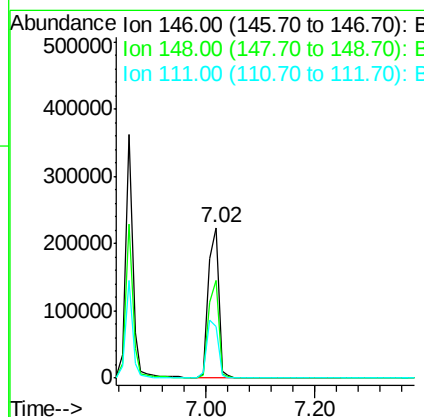
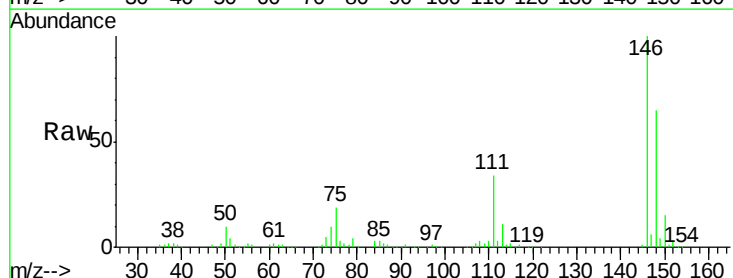
Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#14
1,2-Dichlorobenzene
Concen: 46.05 ng
RT: 7.02 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	295803		
148	64.7	50.5	75.7	
111	34.4	38.5	57.7	





#15

Benzyl Alcohol

Concen: 45.99 ng

RT: 6.99 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

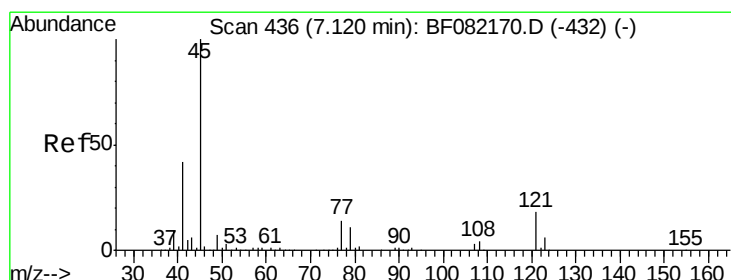
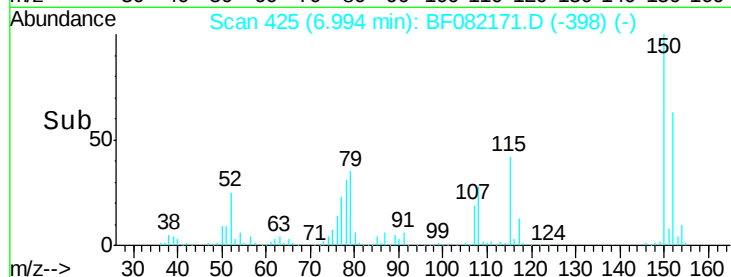
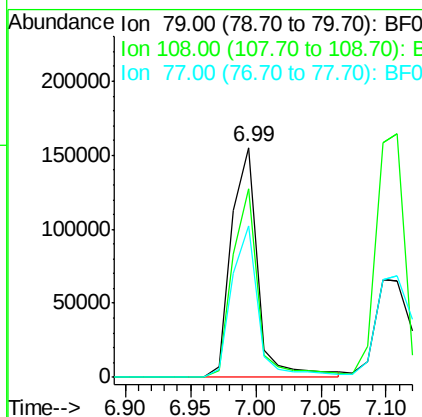
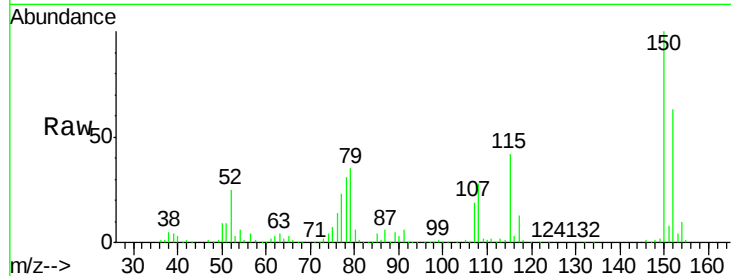
ClientSampleId :

SSTDICC050

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM

Tgt Ion:	79	Resp:	218911
Ion Ratio	Lower	Upper	
79	100		
108	81.9	58.4	87.6
77	65.7	49.8	74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.85 ng

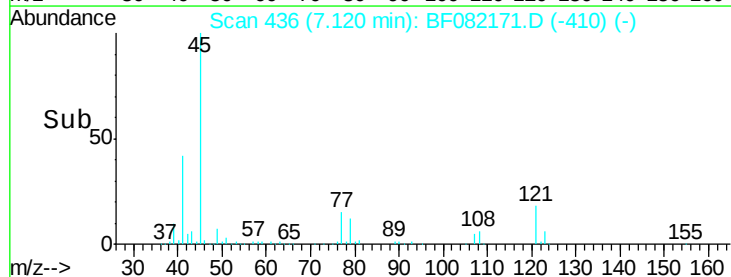
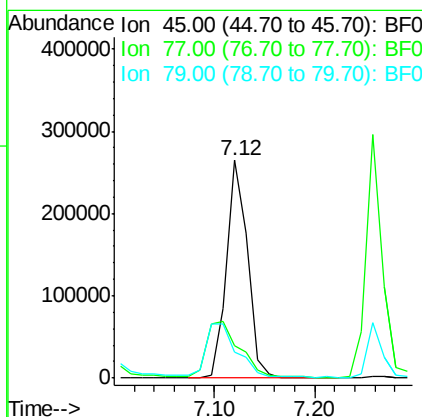
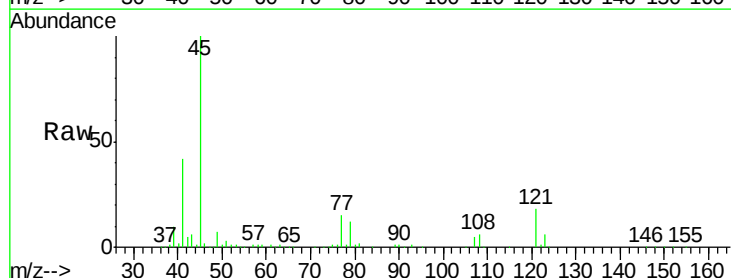
RT: 7.12 min Scan# 436

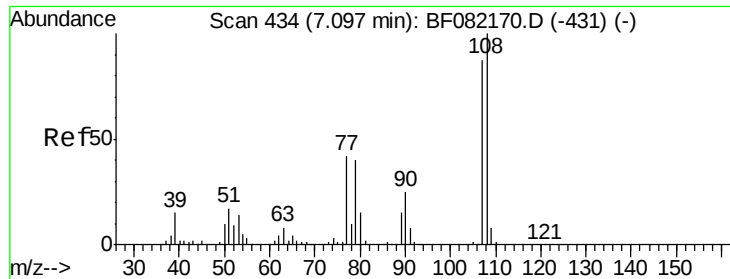
Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion:	45	Resp:	382320
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	34.5
79	11.9	0.0	31.6





#17

2-Methylphenol

Concen: 47.08 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF082171.D

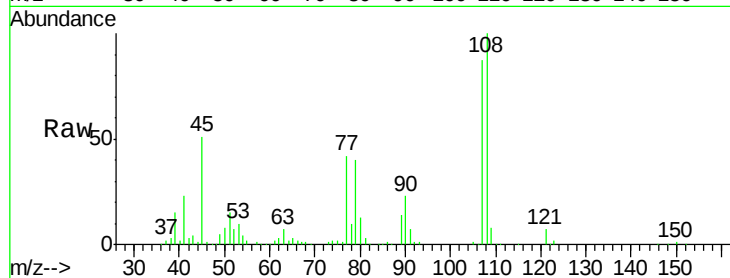
Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

SSTDIC050



Tgt Ion:107 Resp: 221964

Ion Ratio Lower Upper

107 100

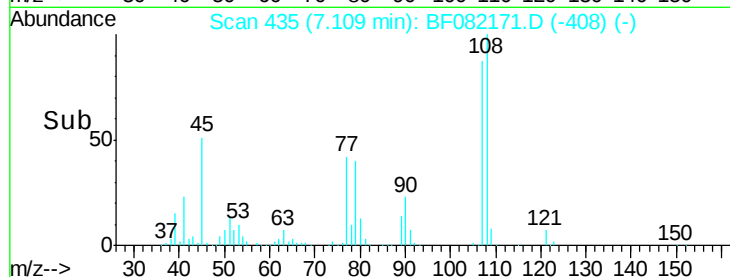
108 114.5 92.2 138.2

77 48.0 39.6 59.4

79 45.5 38.2 57.4

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM

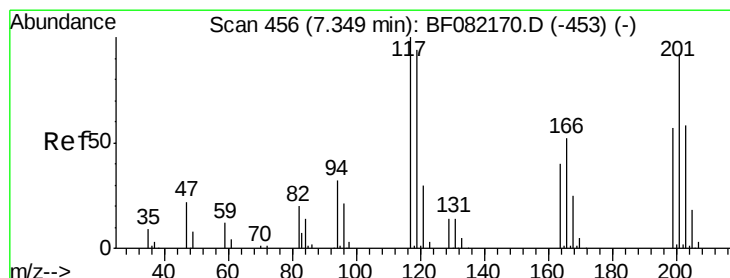
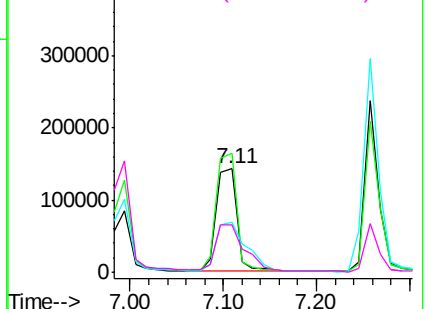


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 49.27 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

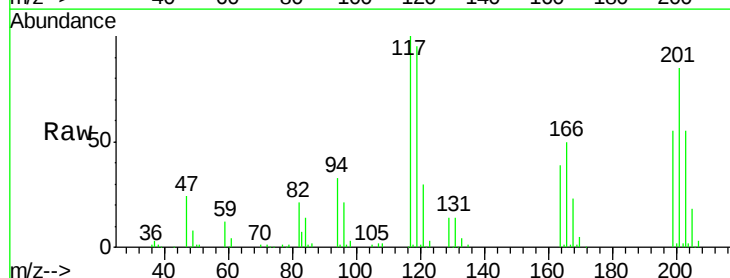
Tgt Ion:117 Resp: 112332

Ion Ratio Lower Upper

117 100

119 94.7 75.4 113.2

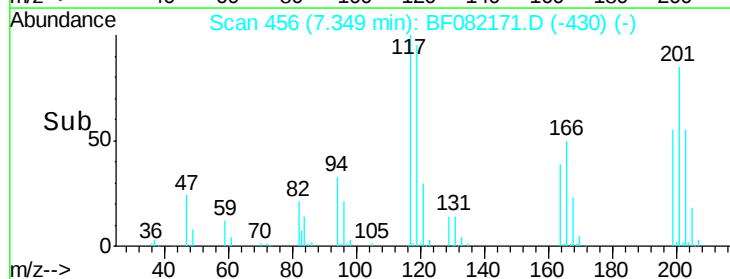
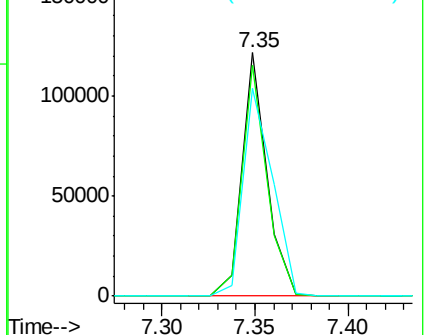
201 85.5 73.4 110.0

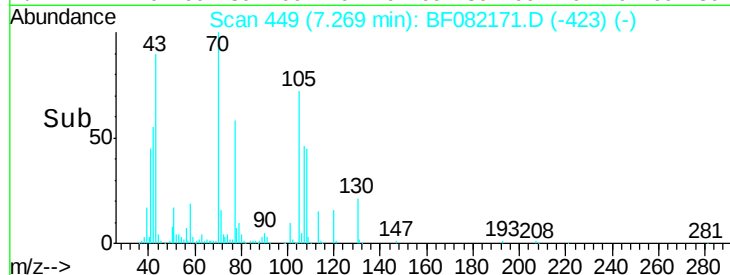
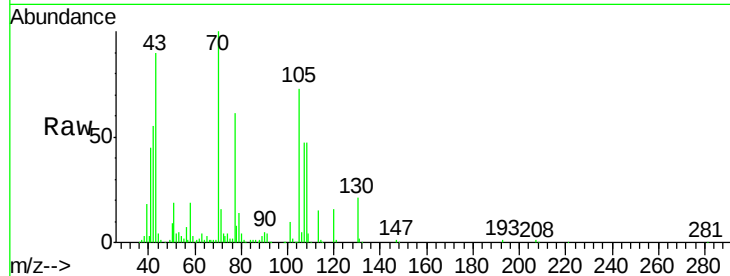


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





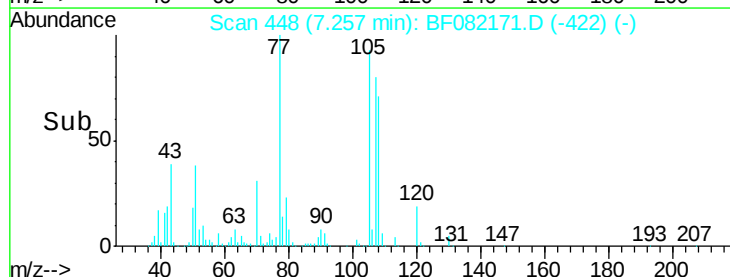
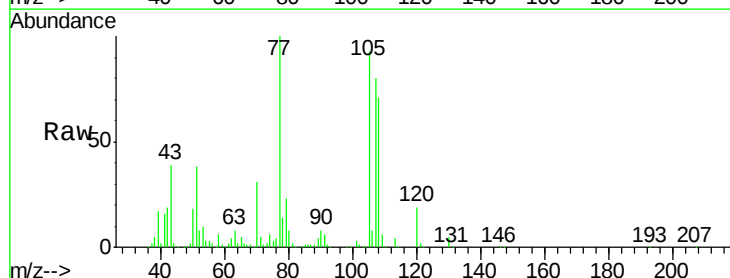
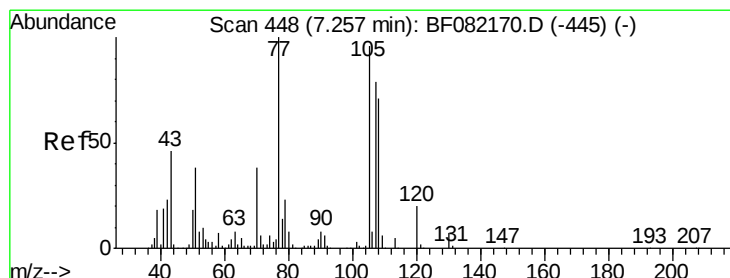
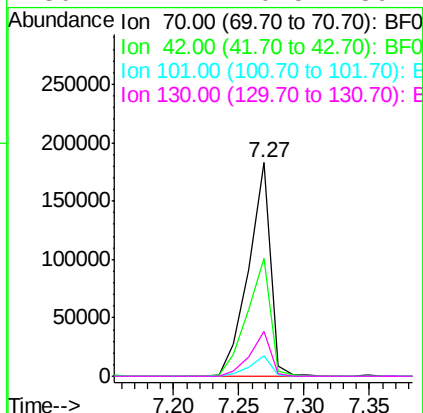
#19
n-Nitroso-di-n-propylamine
Concen: 53.04 ng
RT: 7.27 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Manual Integrations
APPROVED

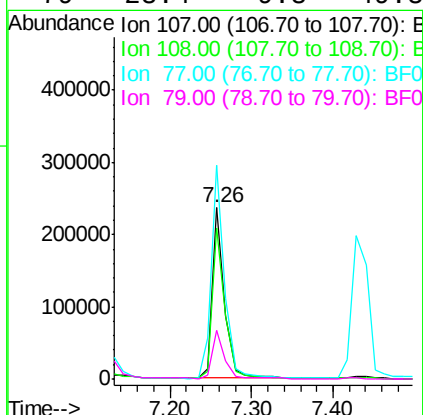
MMDadoda
10/12/2015 2:30:54 PM

Tgt Ion	Ion	Resp	Lower	Upper
70	100			
42	55.2	39.8	59.8	
101	9.6	8.6	13.0	
130	21.1	20.5	30.7	



#20
3+4-Methylphenols
Concen: 41.73 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ion	Resp	Lower	Upper
107	100			
108	88.5	69.9	109.9	
77	124.8	106.0	146.0	
79	28.4	9.8	49.8	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

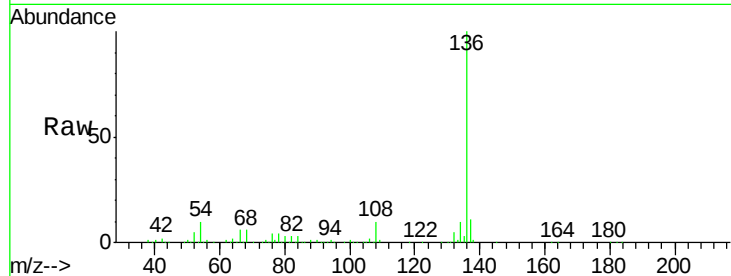
ClientSampleId :

SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	376687		
137	11.4	9.0	13.6	
54	9.6	7.5	11.3	
68	6.1	4.6	7.0	

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM

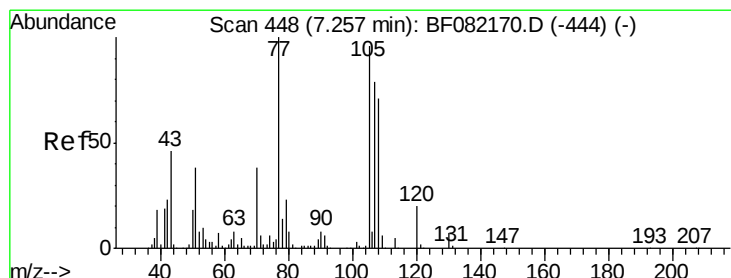
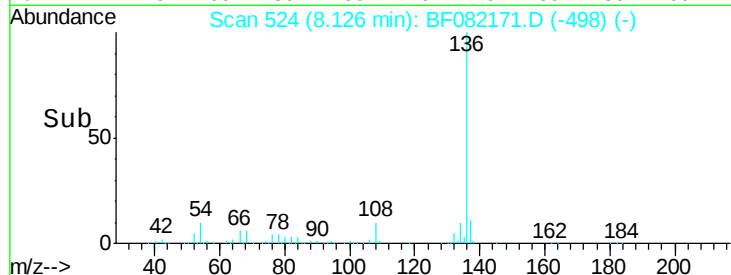
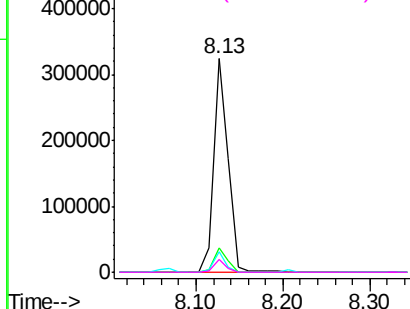


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.09 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

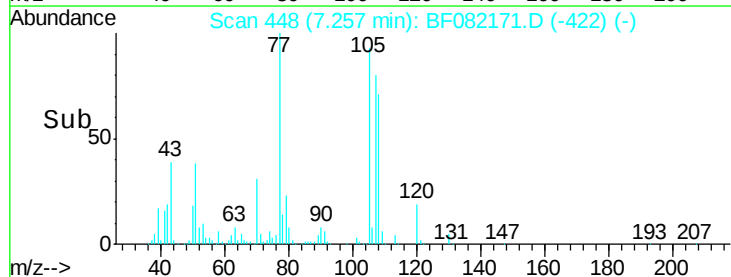
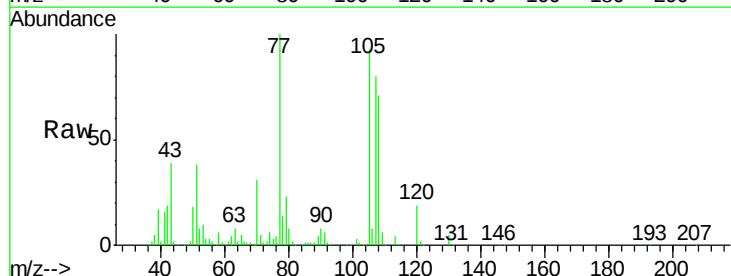
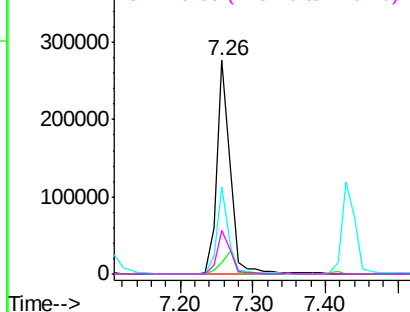
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	352944		
71	5.5	5.4	8.0	
51	40.9	31.8	47.6	
120	20.3	16.3	24.5	

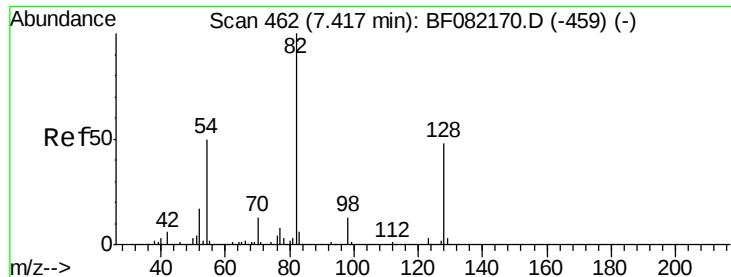
Abundance Ion 105.00 (104.70 to 105.70): E

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





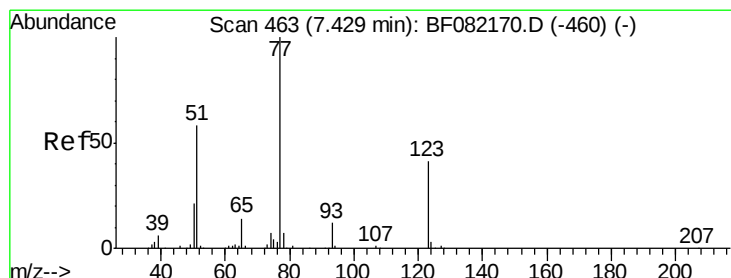
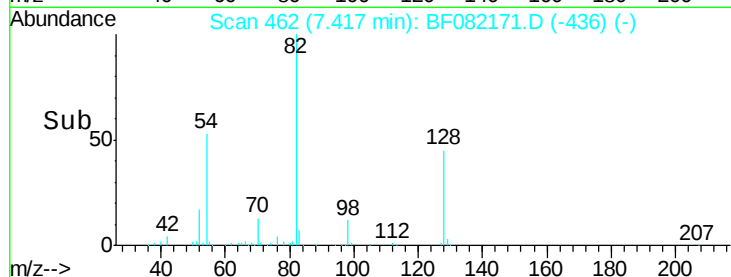
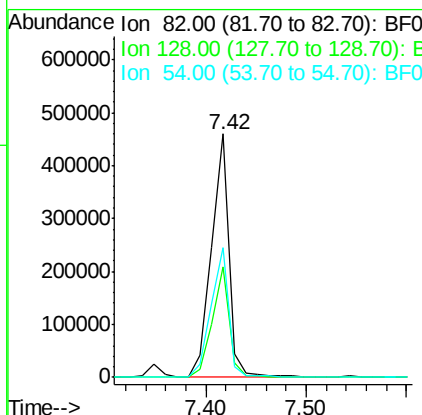
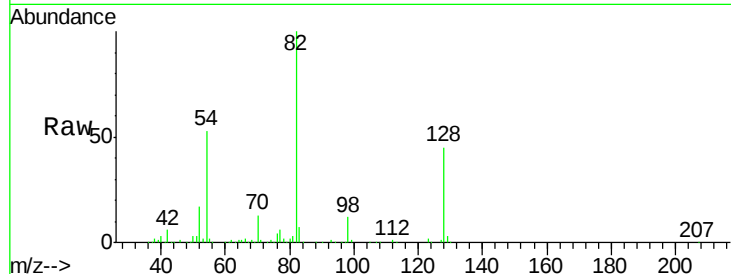
#23
 Nitrobenzene-d5
 Concen: 99.30 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	38.7	58.1
54	53.1	40.1	60.1

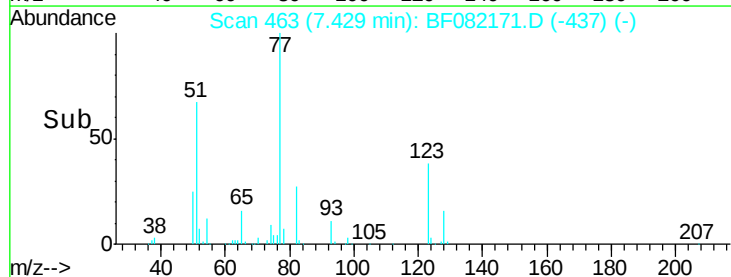
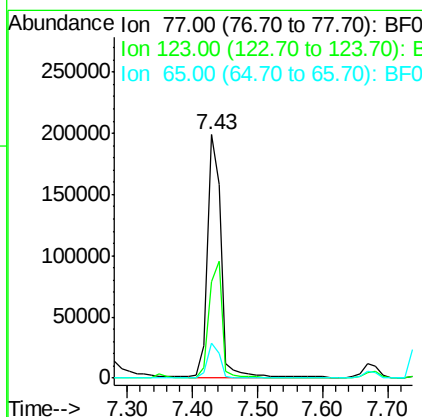
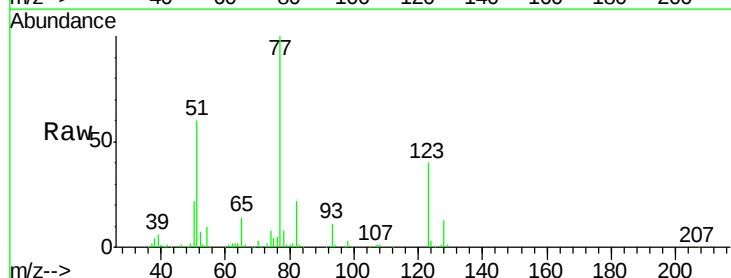
Manual Integrations
 APPROVED

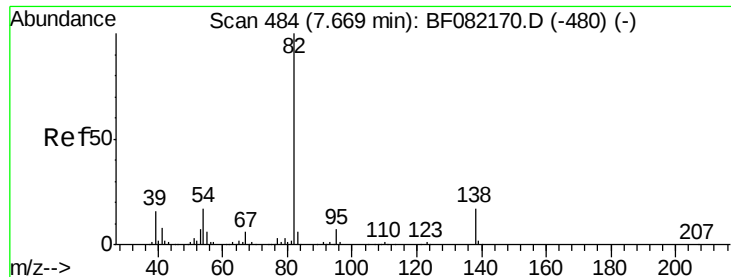
MMDadoda
 10/12/2015 2:30:54 PM



#24
 Nitrobenzene
 Concen: 47.16 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.7	33.0	49.4
65	14.2	11.2	16.8





#25

Isophorone

Concen: 48.77 ng

RT: 7.67 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF082171.D

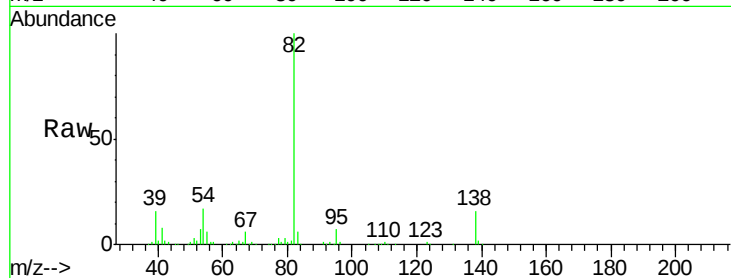
Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

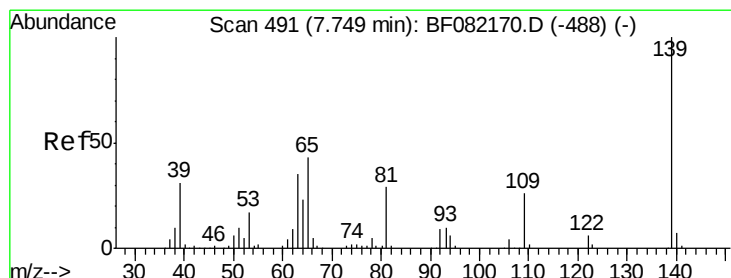
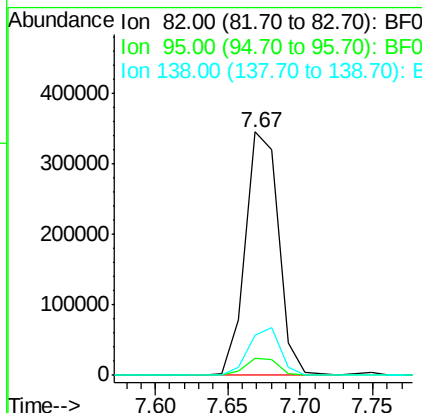
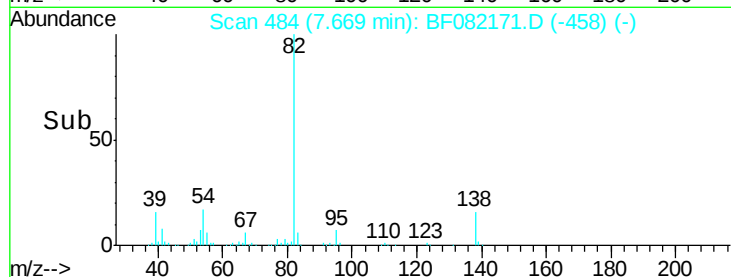
SSTDIC050



Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	16.3	13.6	20.4

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#26

2-Nitrophenol

Concen: 55.81 ng

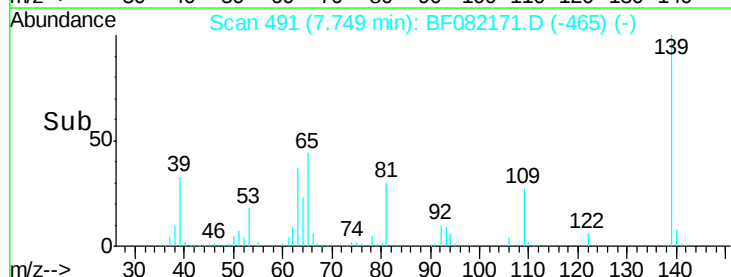
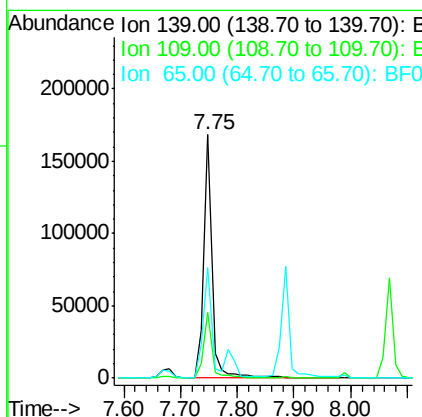
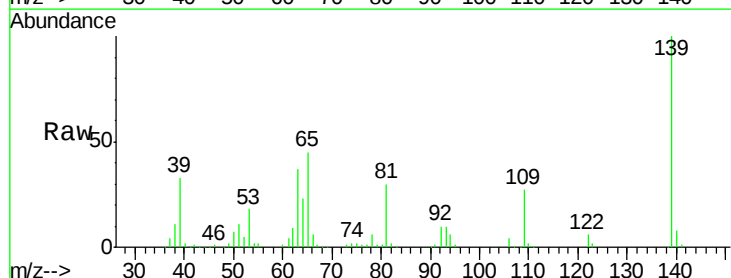
RT: 7.75 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.1	20.6	31.0
65	45.2	34.3	51.5





#27

2,4-Dimethylphenol

Concen: 47.05 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

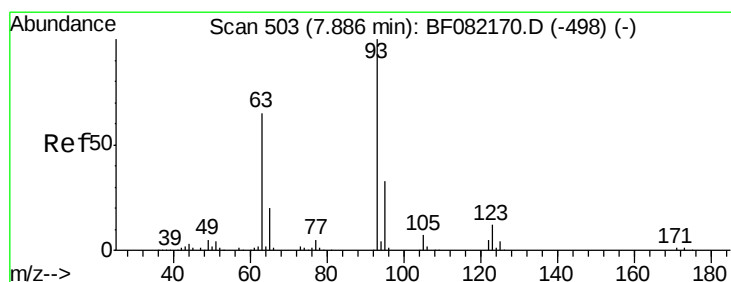
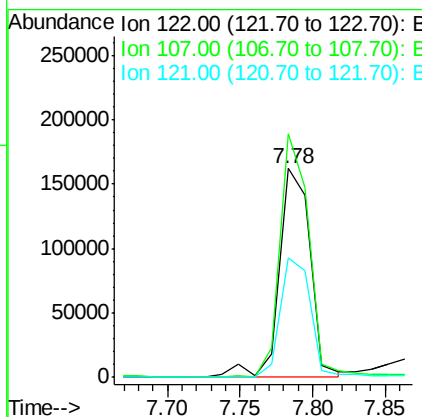
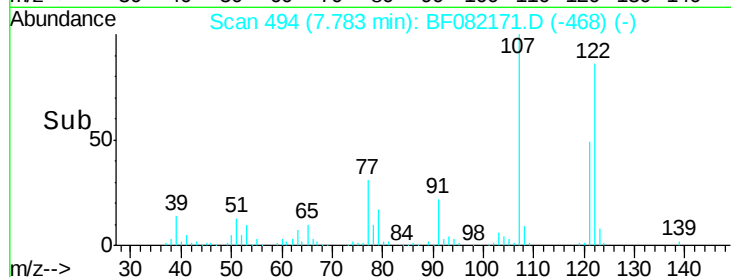
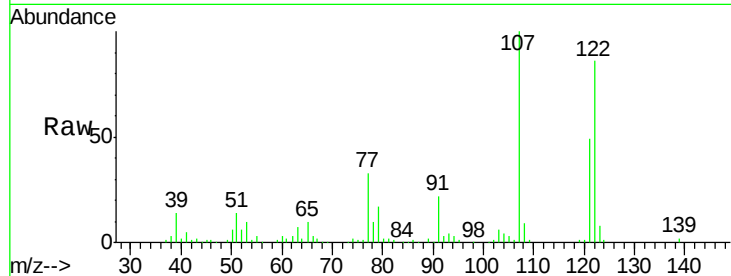
ClientSampleId :

SSTDIC050

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM

Tgt Ion:	122	Resp:	240035
Ion Ratio	Lower	Upper	
122	100		
107	116.6	94.0	141.0
121	57.0	46.8	70.2



#28

bis(2-Chloroethoxy)methane

Concen: 51.20 ng

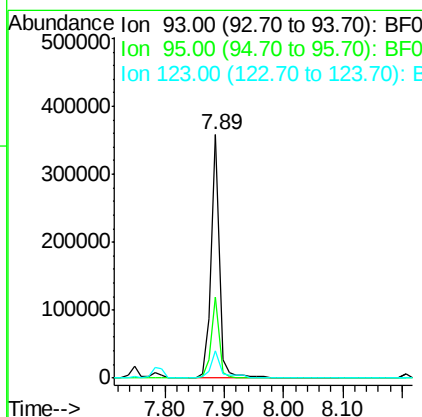
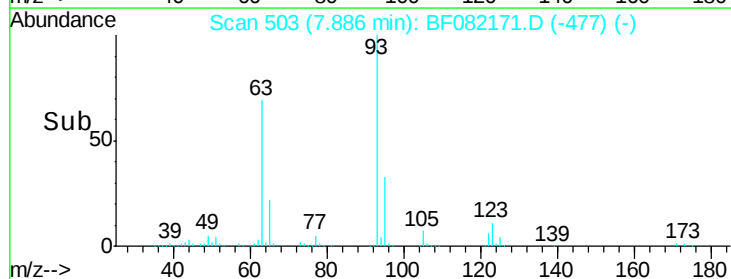
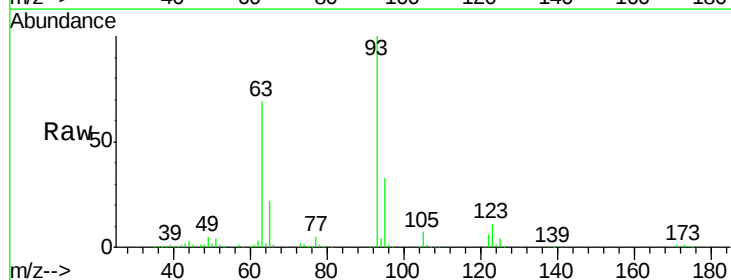
RT: 7.89 min Scan# 503

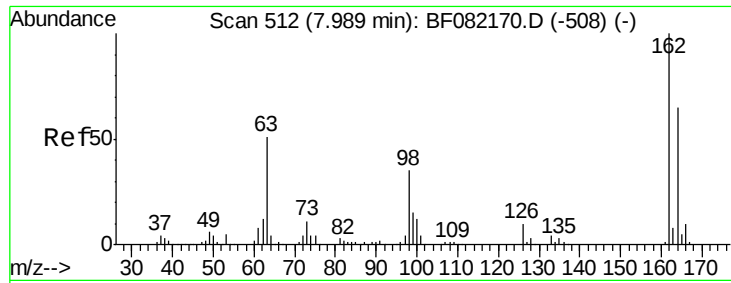
Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion:	93	Resp:	346226
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.6	39.8
123	11.2	9.5	14.3





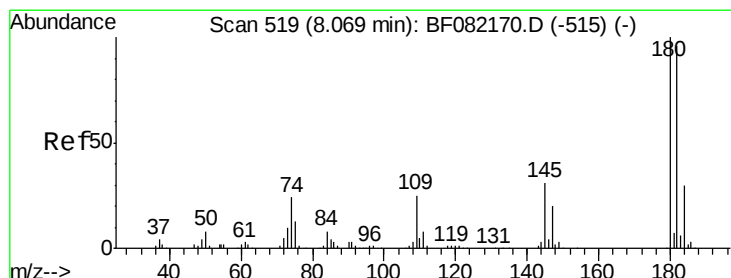
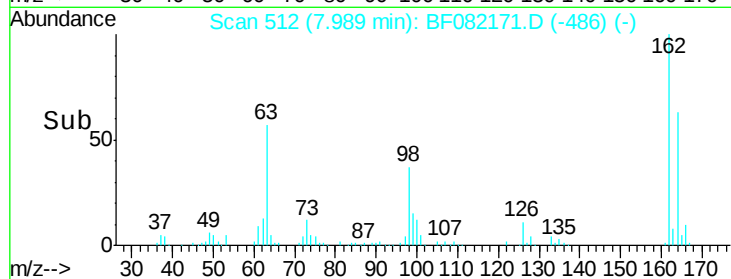
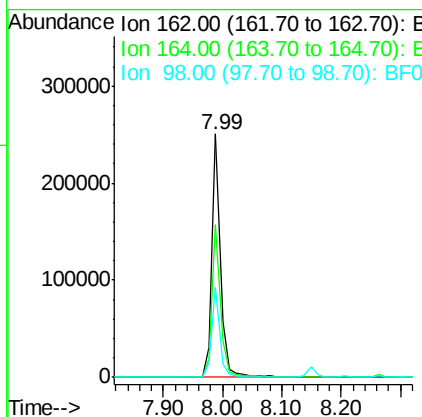
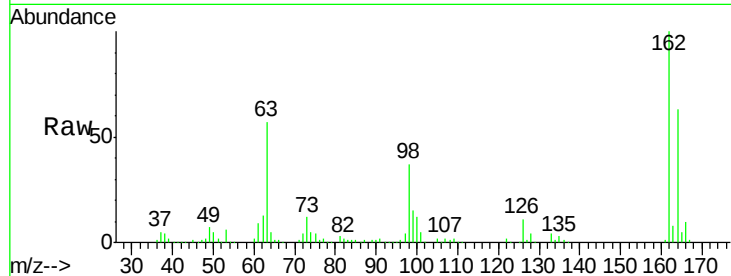
#29
 2,4-Dichlorophenol
 Concen: 49.75 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:	162	Resp:	251785
Ion Ratio	Lower	Upper	
162	100		
164	62.8	44.6	84.6
98	36.8	15.0	55.0

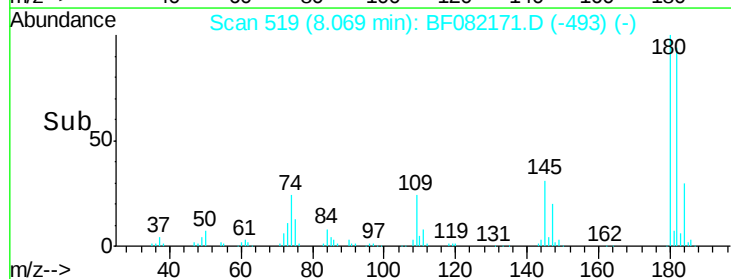
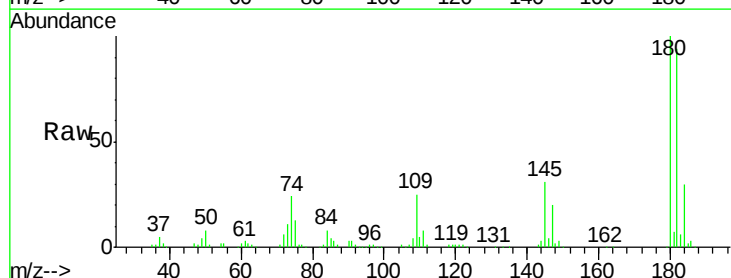
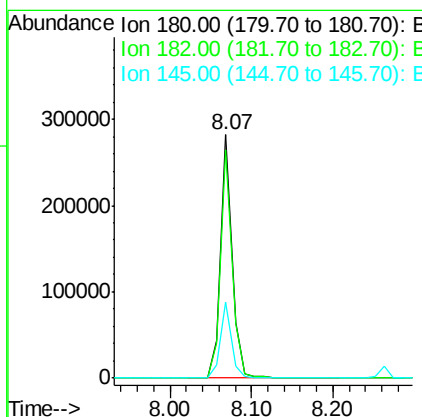
Manual Integrations
 APPROVED

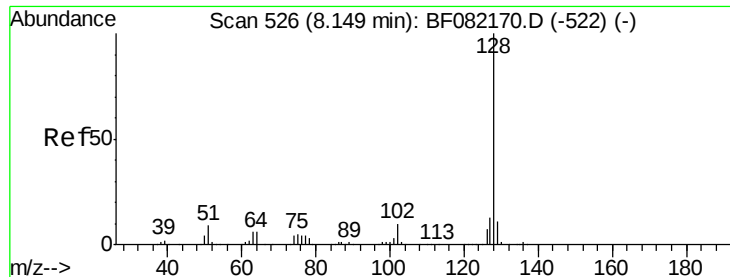
MMDadoda
 10/12/2015 2:30:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 49.10 ng
 RT: 8.07 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion:	180	Resp:	275847
Ion Ratio	Lower	Upper	
180	100		
182	93.7	77.0	115.4
145	31.4	25.0	37.4





#31

Naphthalene

Concen: 45.08 ng

RT: 8.15 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

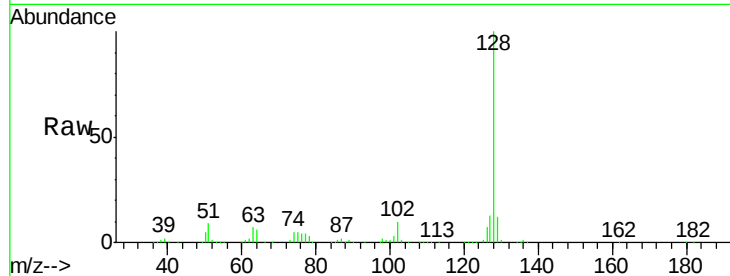
ClientSampleId :

SSTDIC050

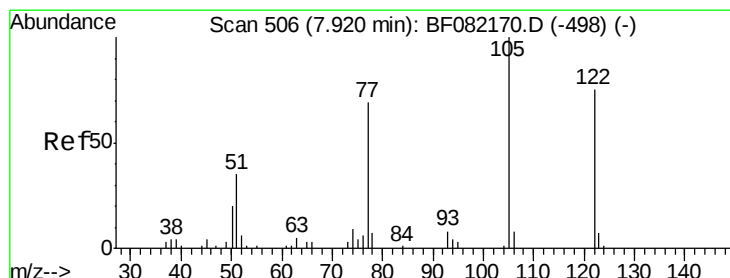
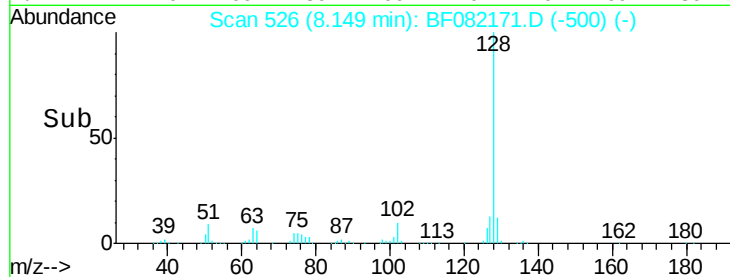
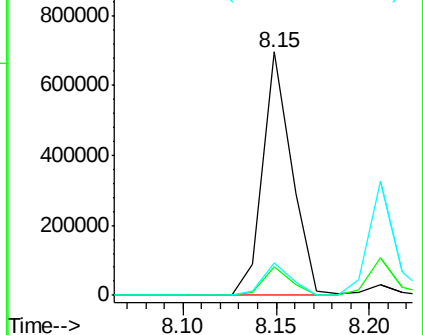
Tgt	Ion	Ratio	Resp	Lower	Upper
128	100		753251		
129	11.8	9.1	13.7		
127	13.5	10.7	16.1		

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 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: 58.53 ng

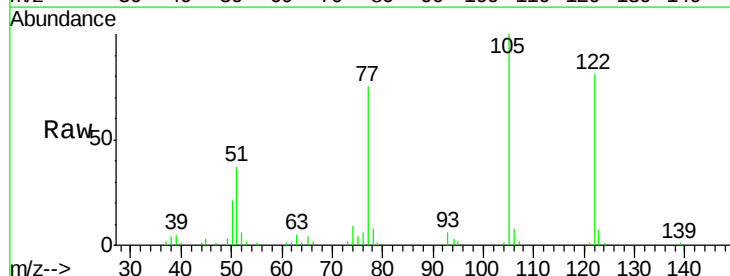
RT: 7.93 min Scan# 507

Delta R.T. 0.01 min

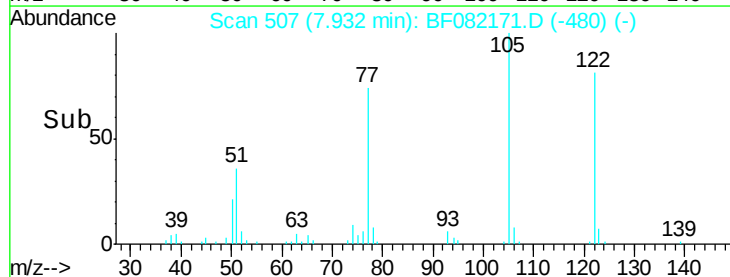
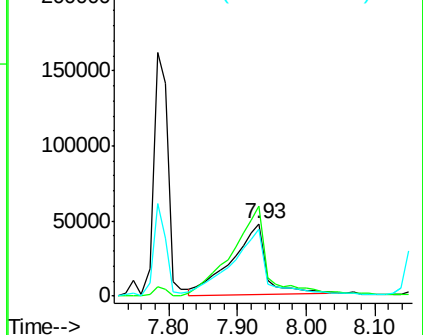
Lab File: BF082171.D

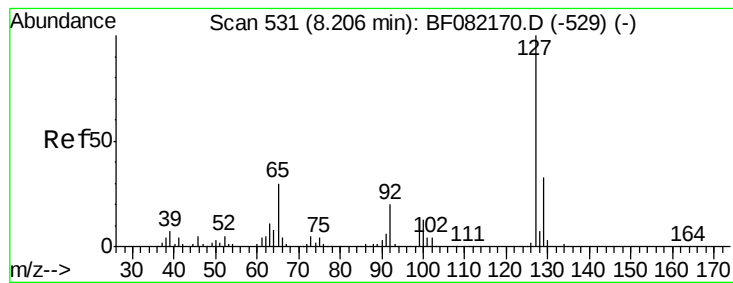
Acq: 10 Oct 2015 12:32

Tgt	Ion	Ratio	Resp	Lower	Upper
122	100		165828		
105	123.9	104.4	144.4		
77	92.9	69.0	109.0		



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: 47.82 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

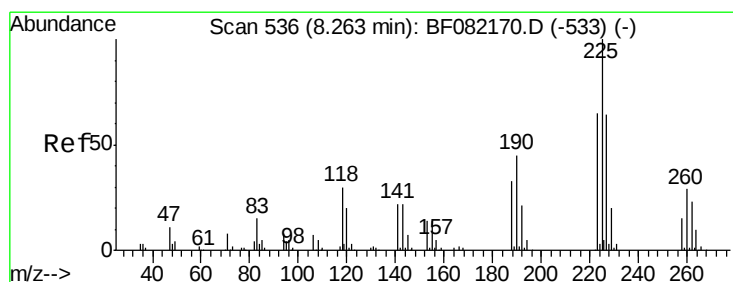
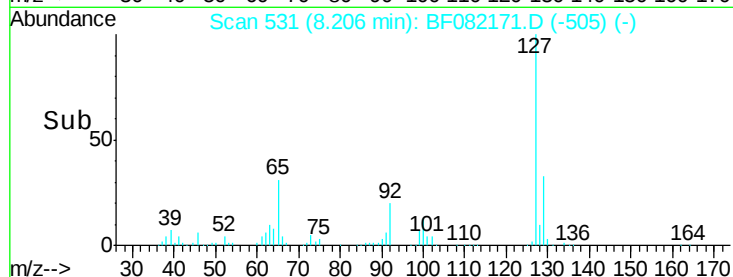
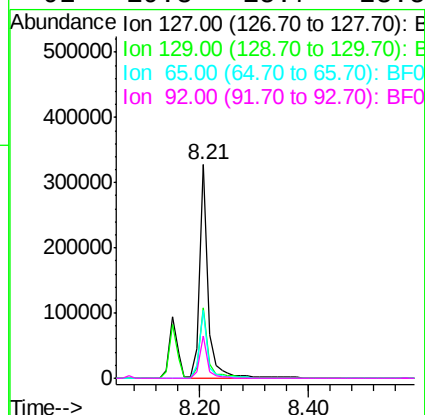
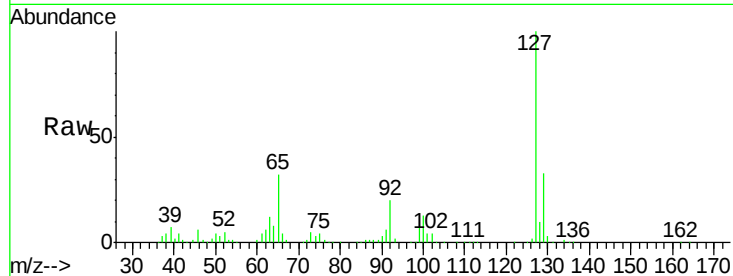
ClientSampleId :

SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	343957		
129	32.7	26.3	39.5	
65	31.8	24.4	36.6	
92	19.8	15.7	23.5	

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#34

Hexachlorobutadiene

Concen: 49.38 ng

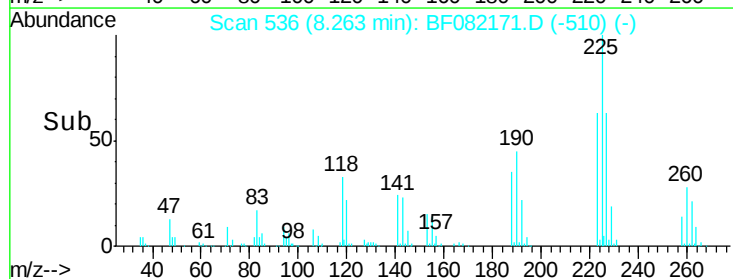
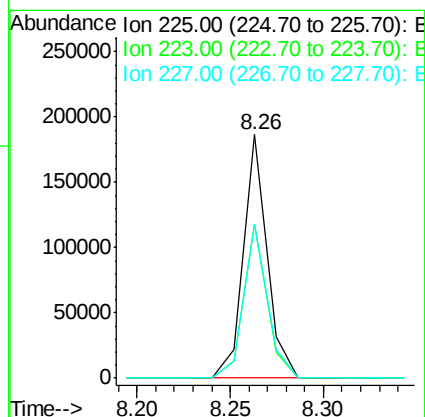
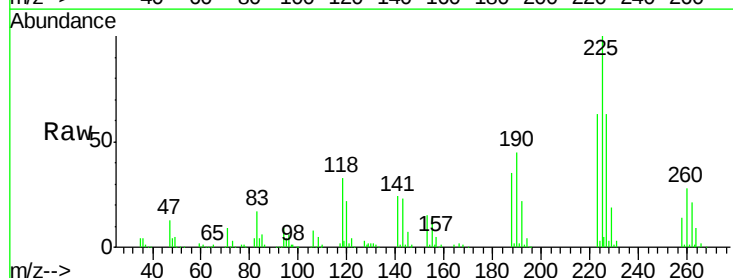
RT: 8.26 min Scan# 536

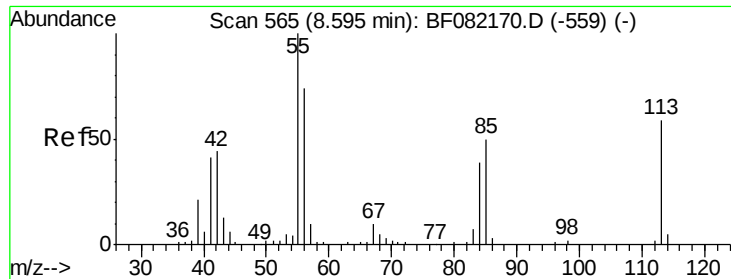
Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	165031		
223	63.4	52.2	78.2	
227	63.1	51.3	76.9	





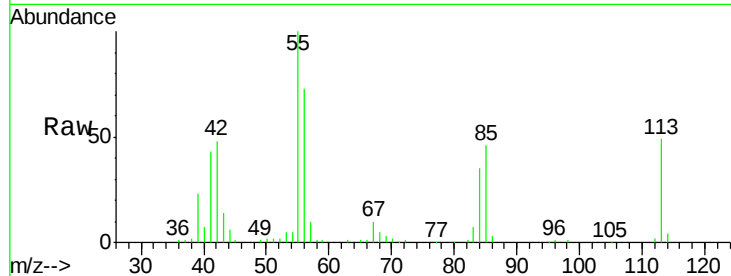
#35
 Caprolactam
 Concen: 46.33 ng
 RT: 8.59 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

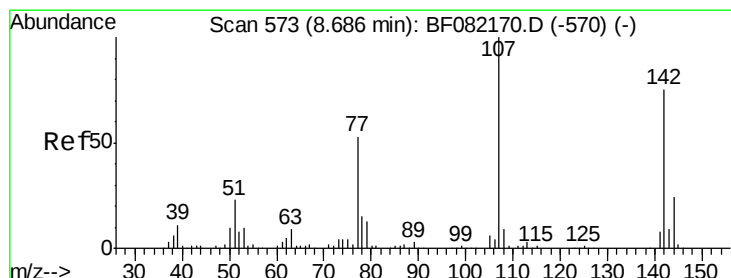
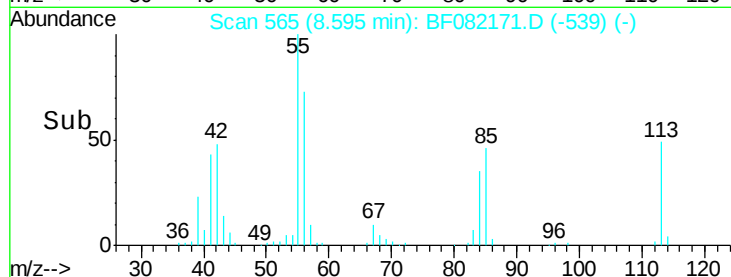
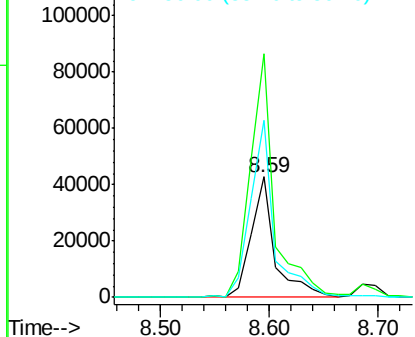
Tgt Ion:113 Resp: 65256
 Ion Ratio Lower Upper
 113 100
 55 202.6 149.7 189.7#
 56 147.3 105.4 145.4#

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:30:54 PM

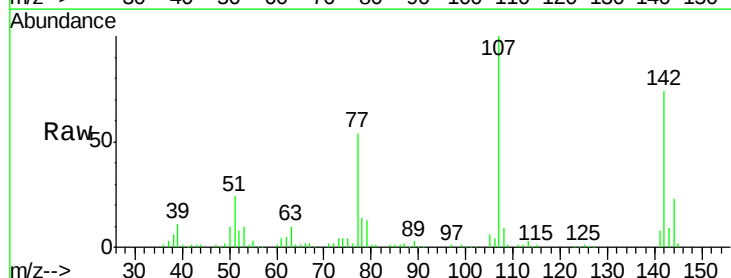


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

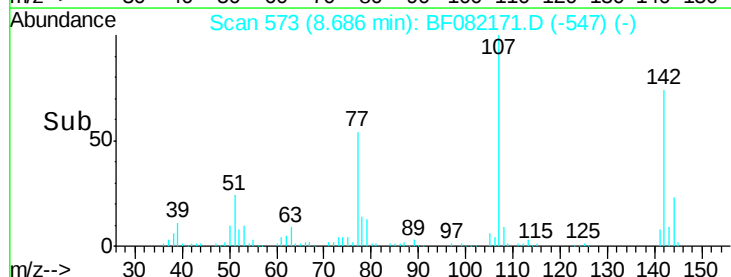
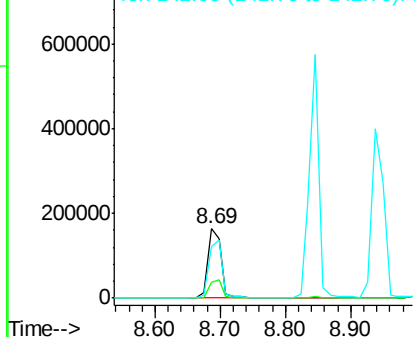


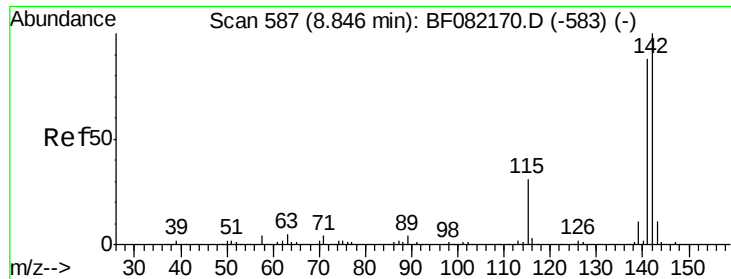
#36
 4-Chloro-3-methylphenol
 Concen: 48.92 ng
 RT: 8.69 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion:107 Resp: 239117
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.3 28.9
 142 73.9 59.9 89.9



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





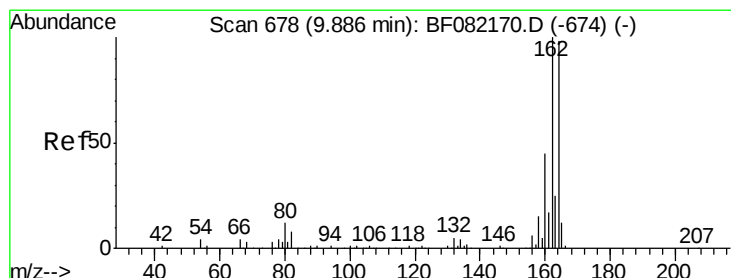
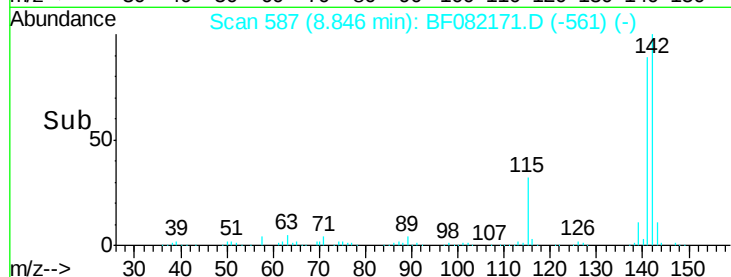
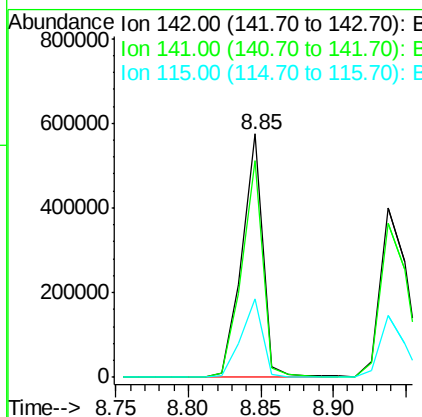
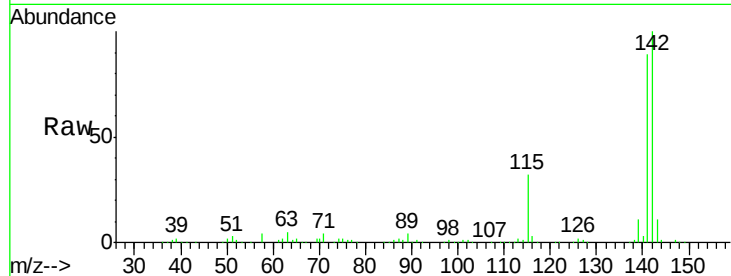
#37
 2-Methylnaphthalene
 Concen: 50.74 ng
 RT: 8.85 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	578386		
141	89.2	70.4	105.6	
115	32.0	24.6	37.0	

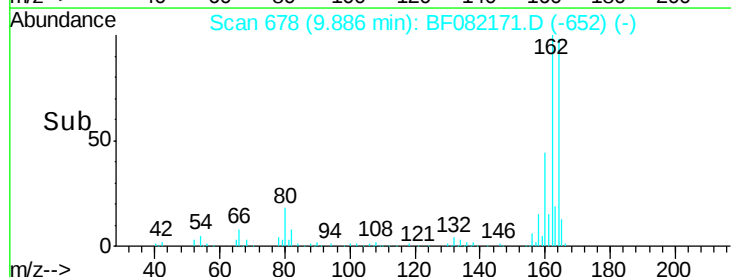
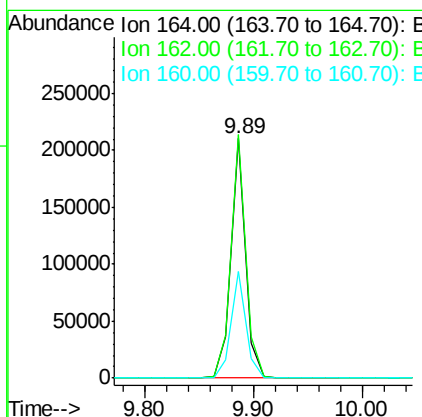
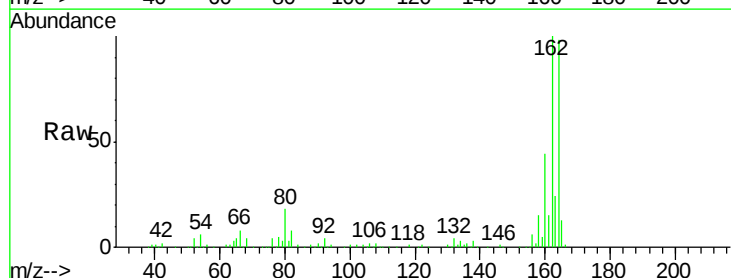
Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:30:54 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	192658		
162	101.6	81.6	122.4	
160	44.3	36.4	54.6	





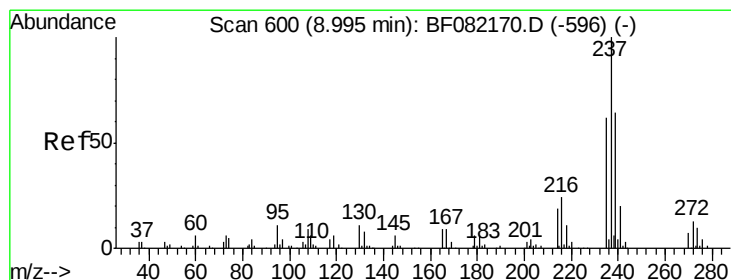
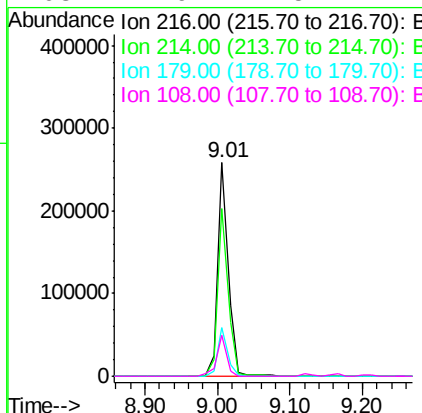
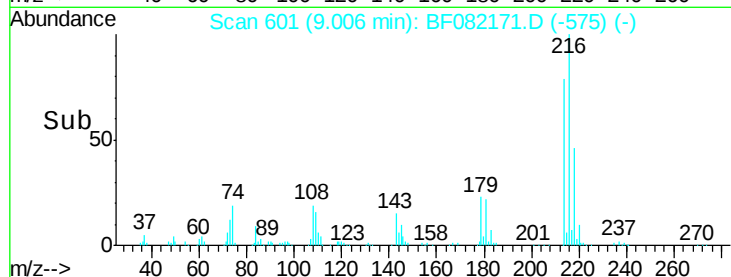
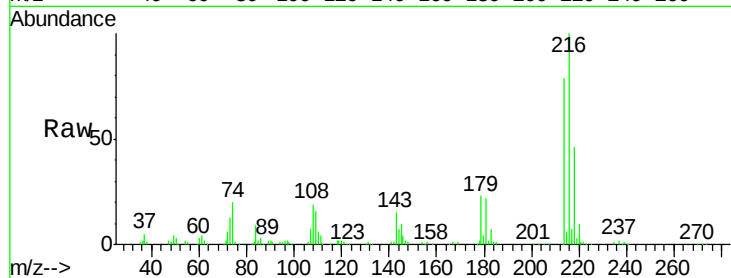
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.69 ng
 RT: 9.01 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

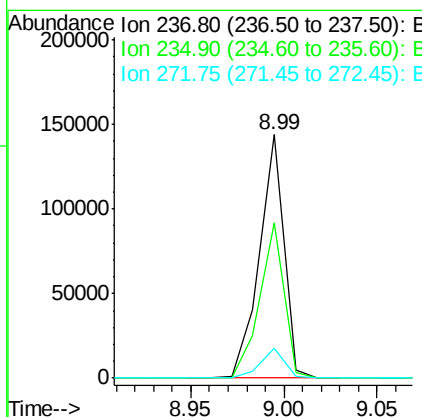
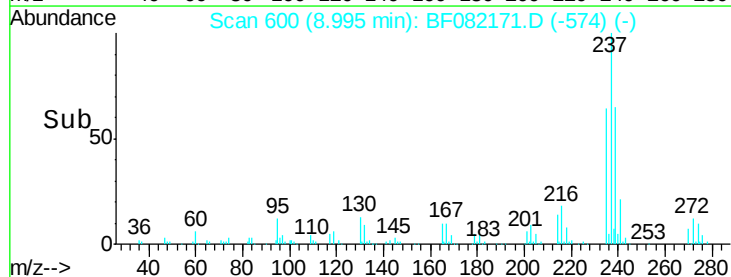
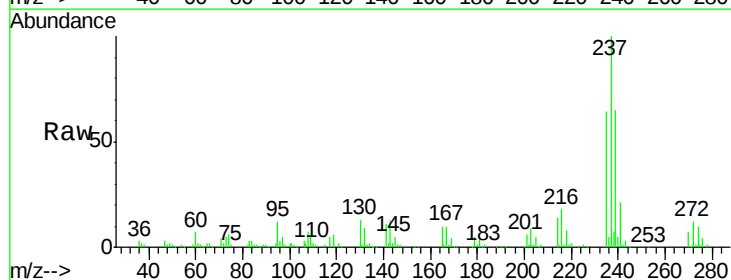
MMDadoda
 10/12/2015 2:30:54 PM

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	262241		
214	78.2	64.6	97.0	
179	21.0	17.6	26.4	
108	17.9	14.5	21.7	



#40
 Hexachlorocyclopentadiene
 Concen: 44.59 ng
 RT: 8.99 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	130468		
235	63.9	41.7	81.7	
272	12.2	0.0	32.8	





#41

2,4,6-Tribromophenol

Concen: 84.82 ng

RT: 10.67 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

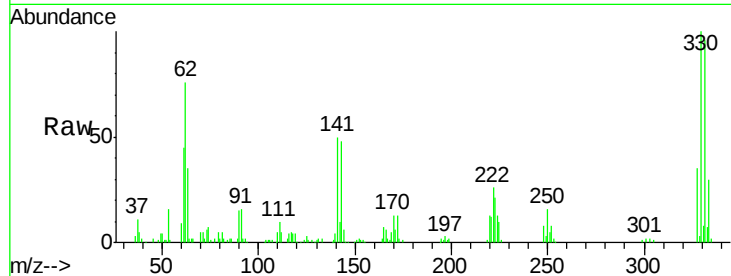
ClientSampleId :

SSTDIC050

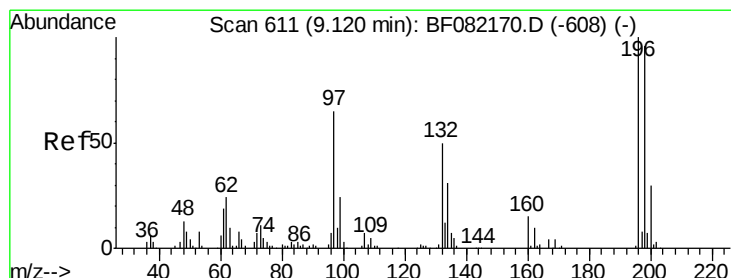
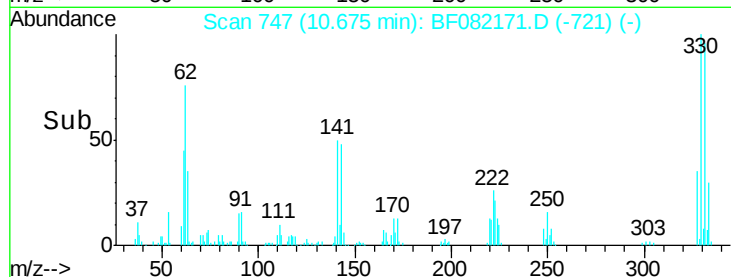
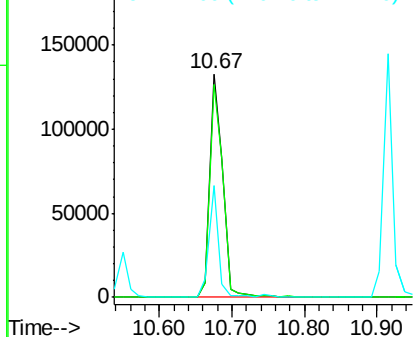
Tgt Ion:	330	Resp:	163729
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.1	115.7
141	37.5	29.8	44.8

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



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



#42

2,4,6-Trichlorophenol

Concen: 44.24 ng

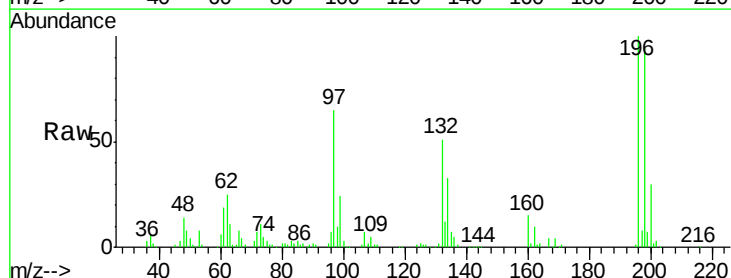
RT: 9.12 min Scan# 611

Delta R.T. -0.00 min

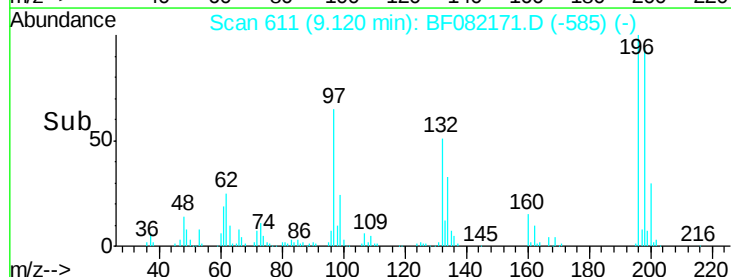
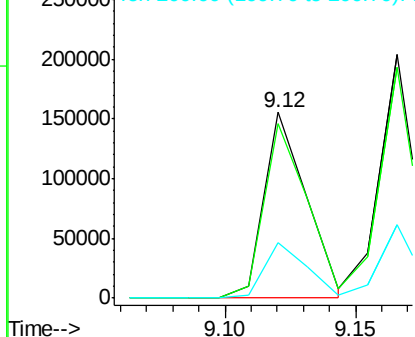
Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion:	196	Resp:	176078
Ion Ratio	Lower	Upper	
196	100		
198	94.2	76.6	115.0
200	29.6	23.7	35.5



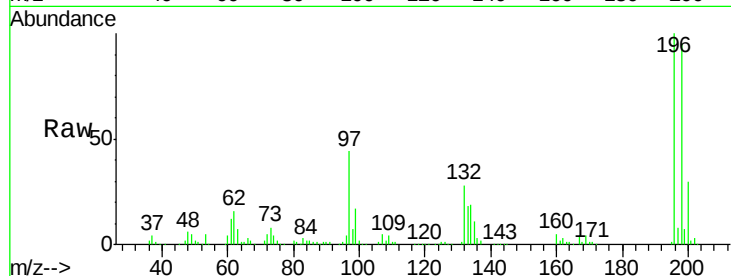
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 48.16 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

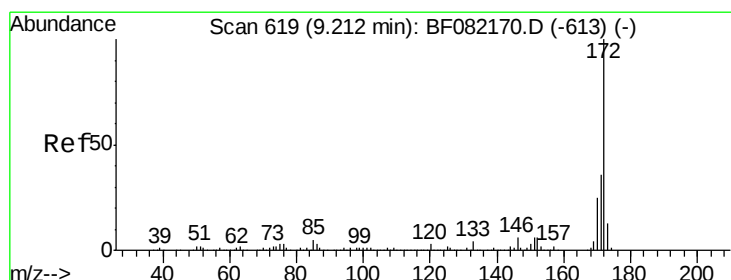
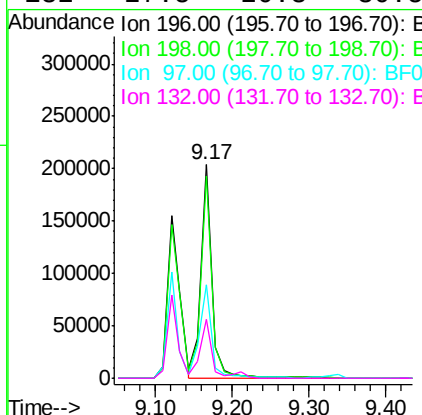
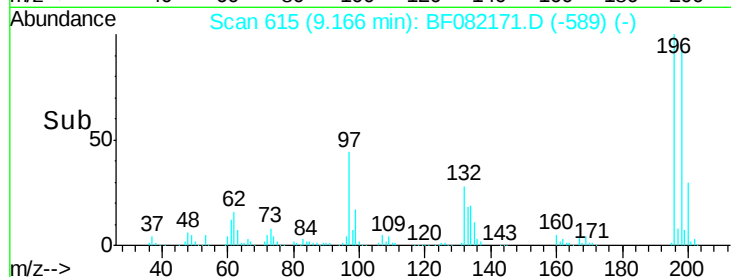
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199910		
198	94.9	77.0	115.4	
97	43.7	31.9	47.9	
132	27.5	20.3	30.5	

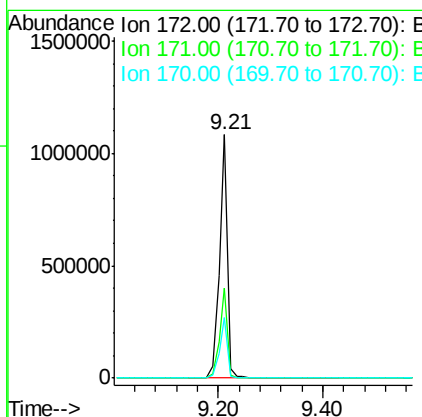
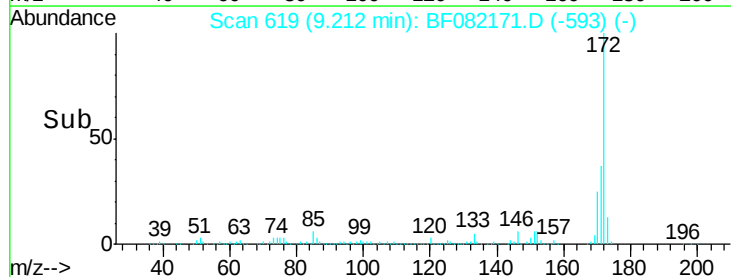
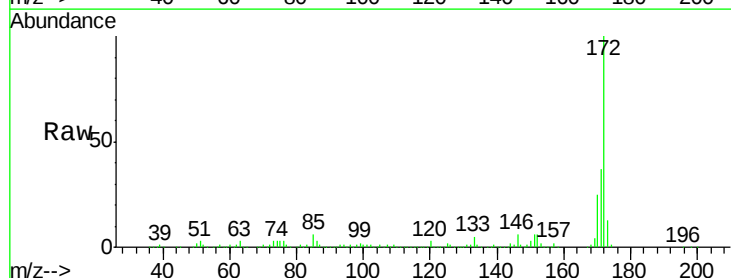
Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:30:54 PM



#44
 2-Fluorobiphenyl
 Concen: 94.31 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1149420		
171	36.8	28.6	42.8	
170	24.9	19.7	29.5	





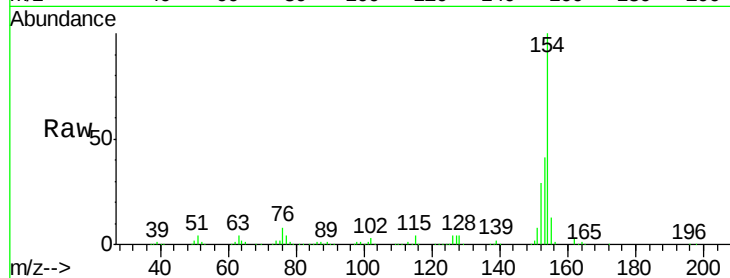
#45
 1,1'-Biphenyl
 Concen: 46.64 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

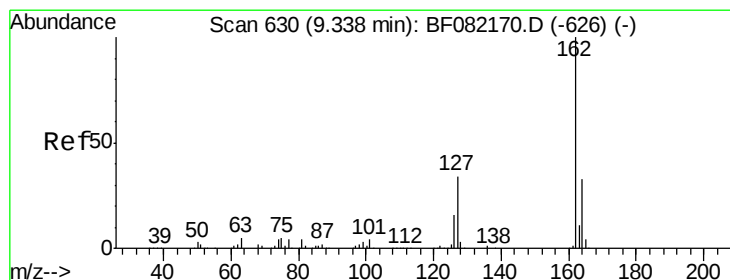
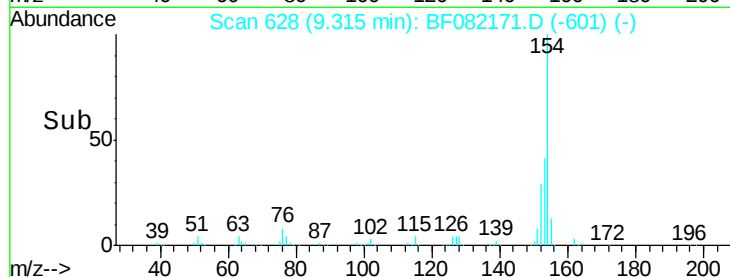
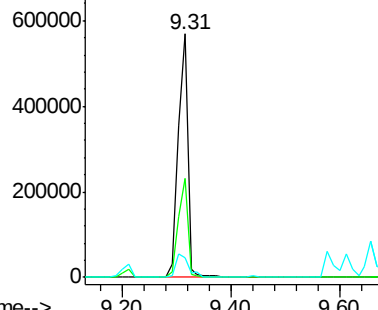
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	688363		
153	40.7	20.6	60.6	
76	8.0	0.0	35.2	

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:30:54 PM

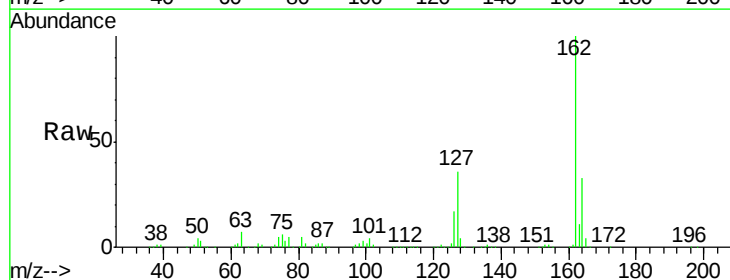


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

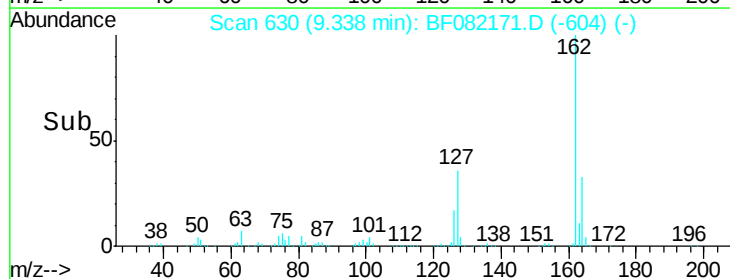
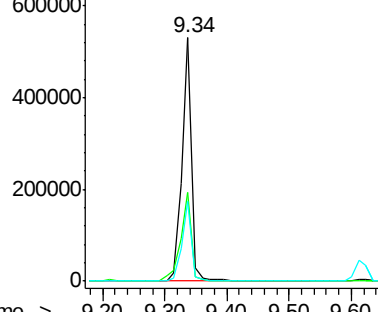


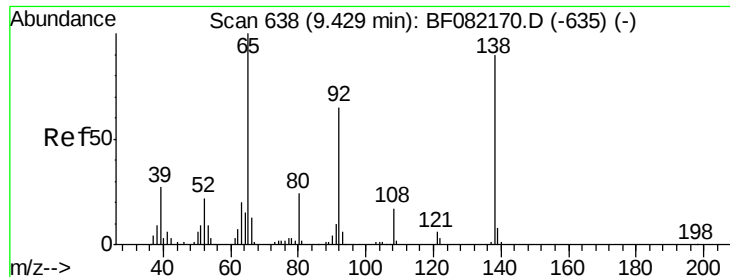
#46
 2-Chloronaphthalene
 Concen: 48.17 ng
 RT: 9.34 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	558787		
127	36.4	27.5	41.3	
164	32.9	26.6	39.8	



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: 46.95 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

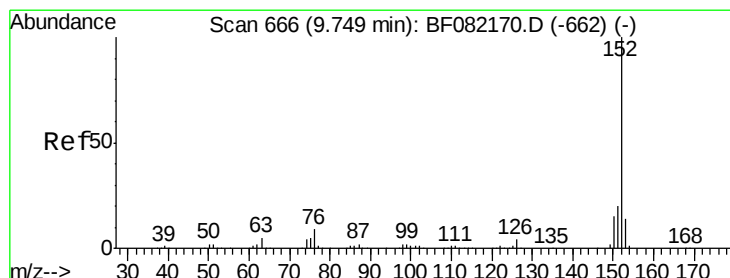
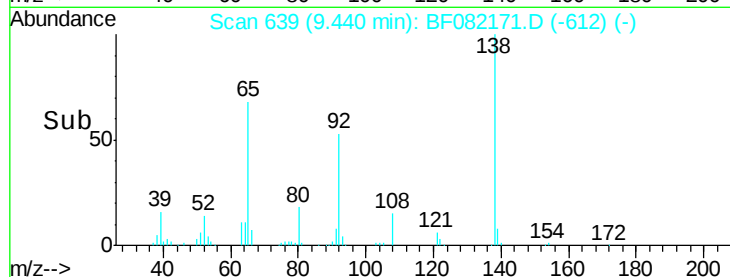
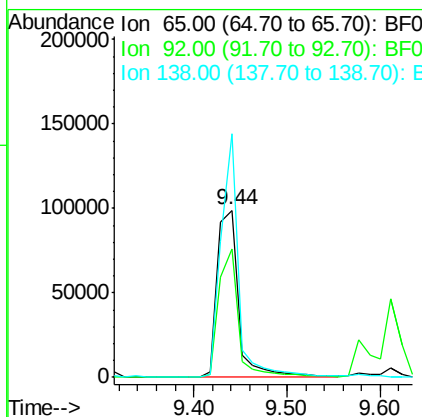
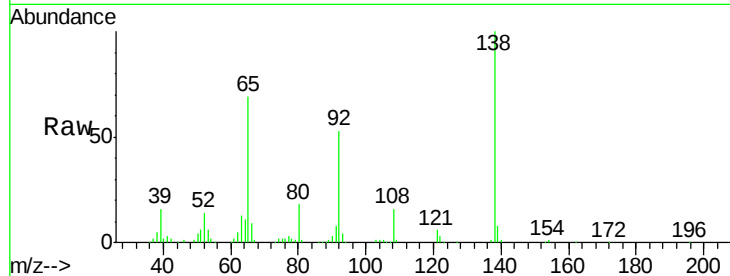
ClientSampleId :

SSTDIC050

Tgt Ion:	65	Resp:	159591
Ion Ratio	Lower	Upper	
65	100		
92	76.8	52.3	78.5
138	145.7	72.2	108.4#

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#48

Acenaphthylene

Concen: 43.85 ng

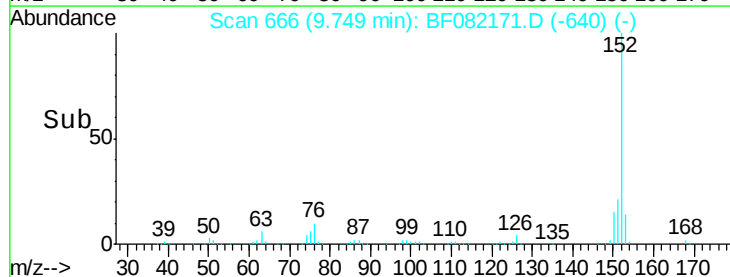
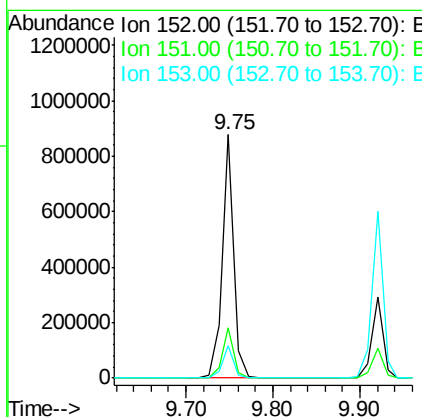
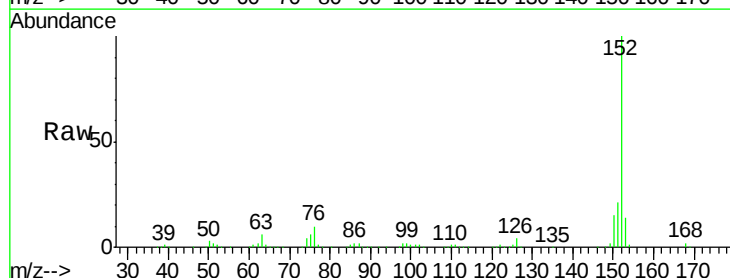
RT: 9.75 min Scan# 666

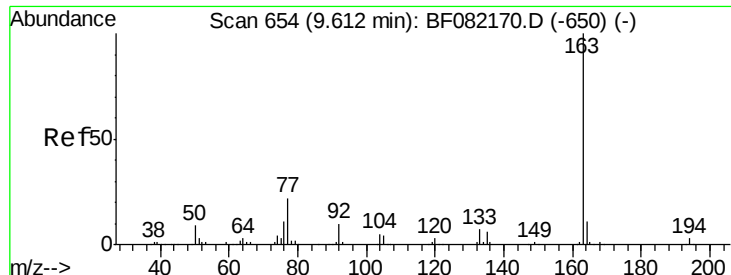
Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion:	152	Resp:	818655
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.4	24.6
153	13.6	10.8	16.2





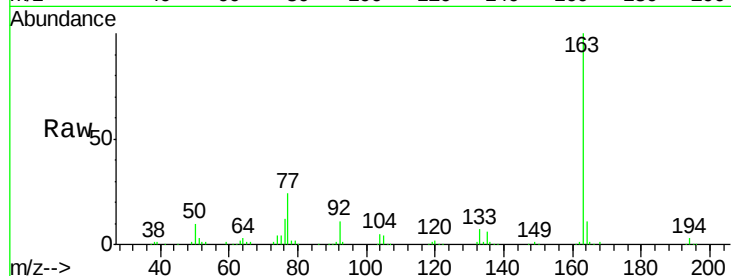
#49
Dimethylphthalate
Concen: 46.39 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

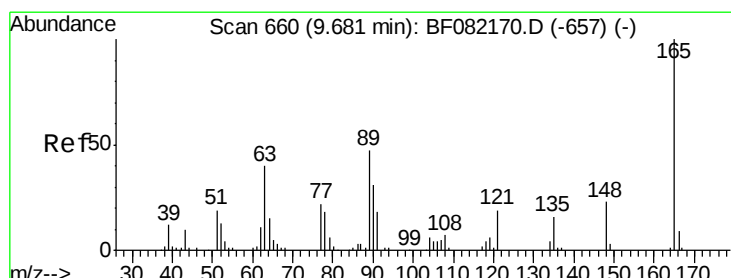
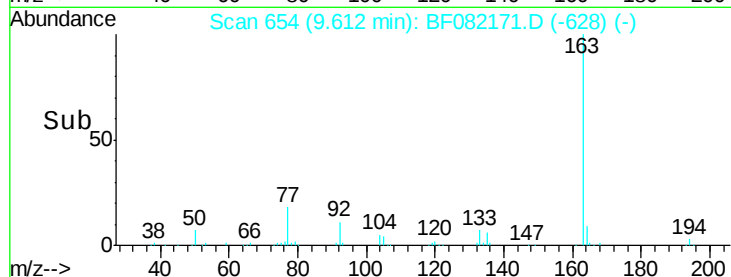
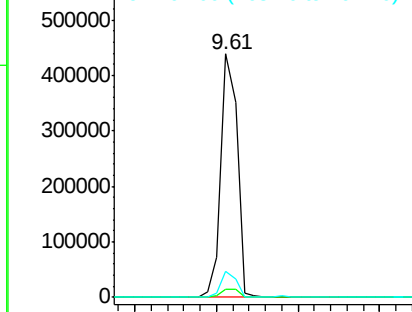
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.7	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM

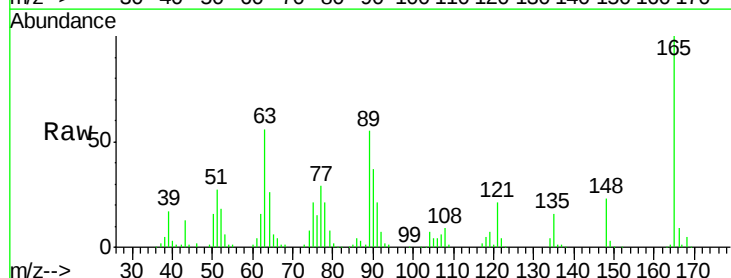


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

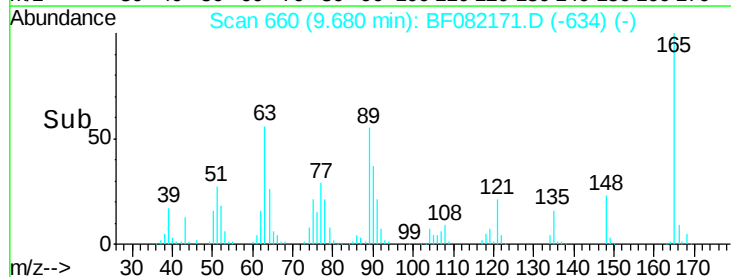
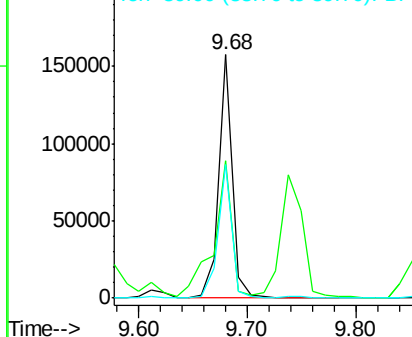


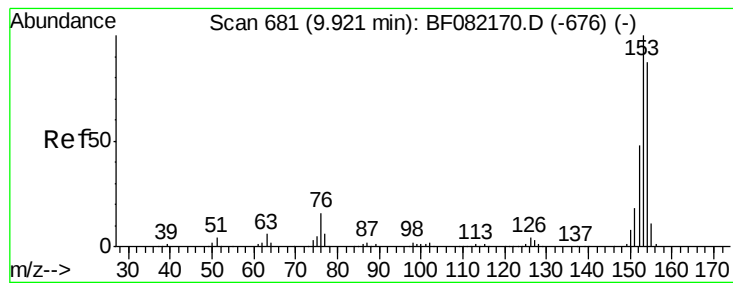
#50
2,6-Dinitrotoluene
Concen: 47.71 ng
RT: 9.68 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	56.2	36.7	55.1#
89	54.6	37.8	56.6



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





#51

Acenaphthene

Concen: 46.62 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

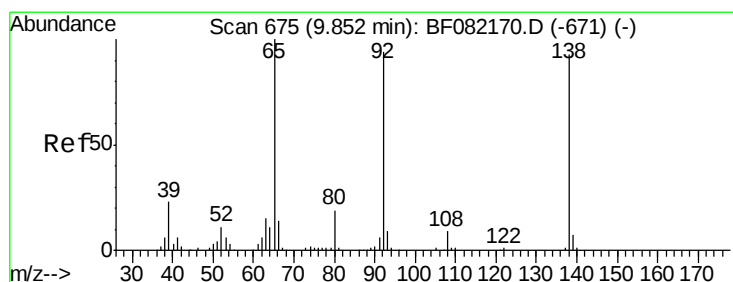
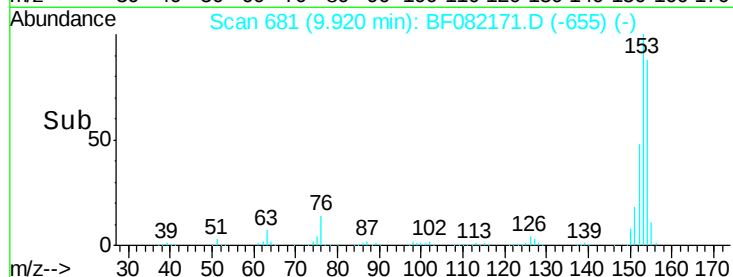
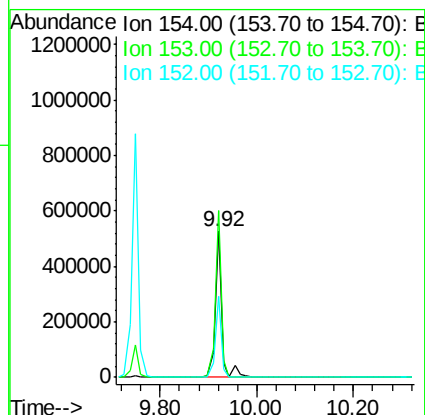
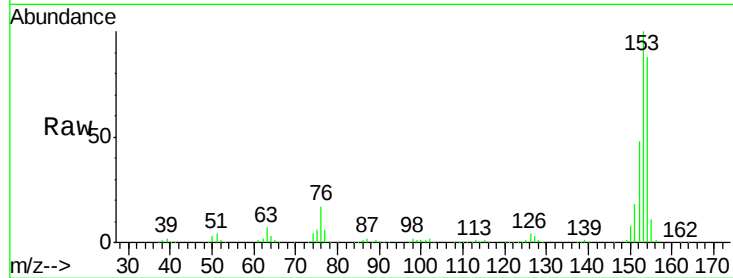
ClientSampleId :

SSTDIC050

Tgt Ion:	154	Resp:	517857
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.4	137.2
152	55.1	44.3	66.5

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#52

3-Nitroaniline

Concen: 47.06 ng

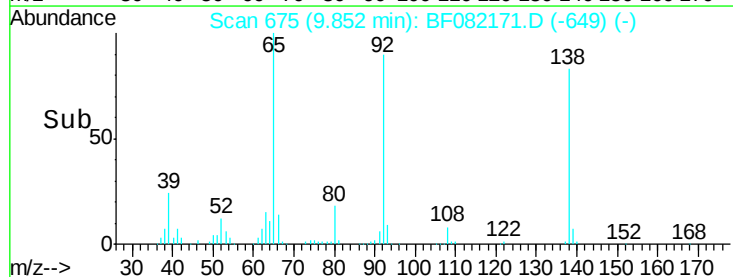
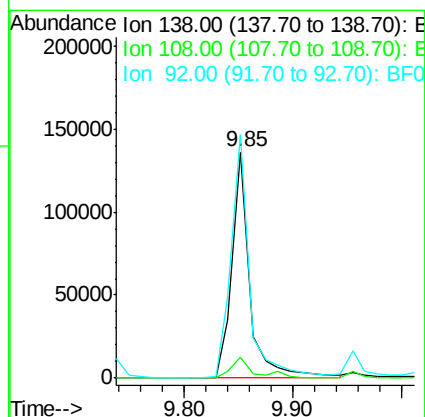
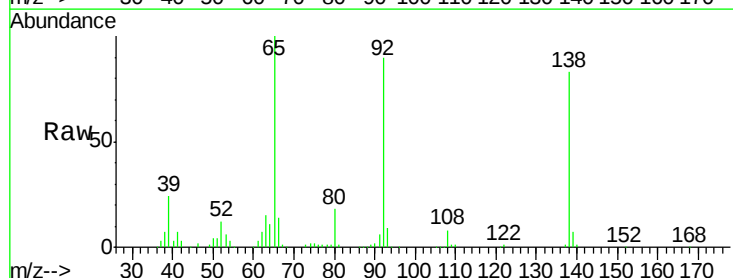
RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion:	138	Resp:	155989
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.4	11.0
92	107.7	81.3	121.9





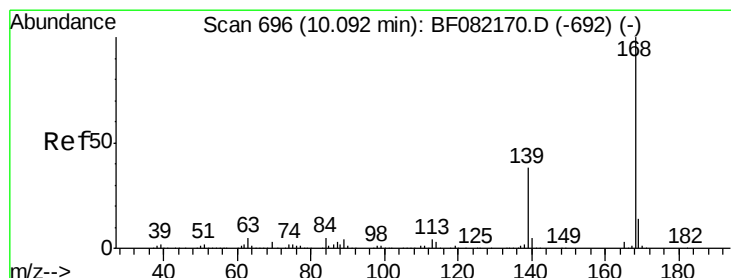
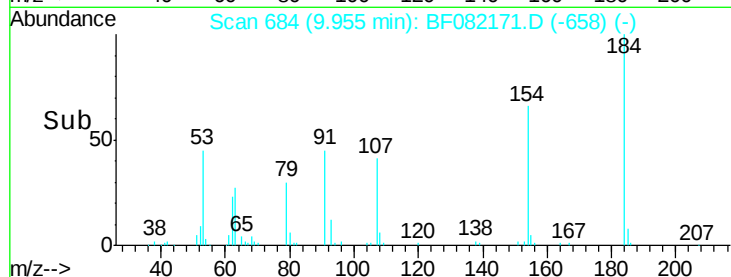
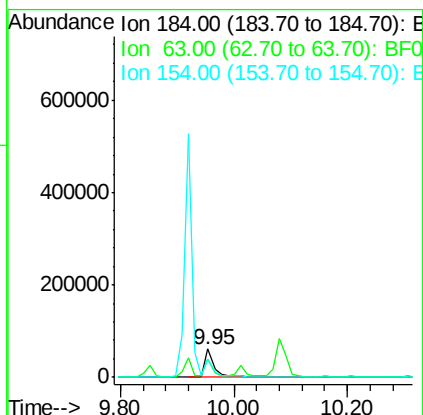
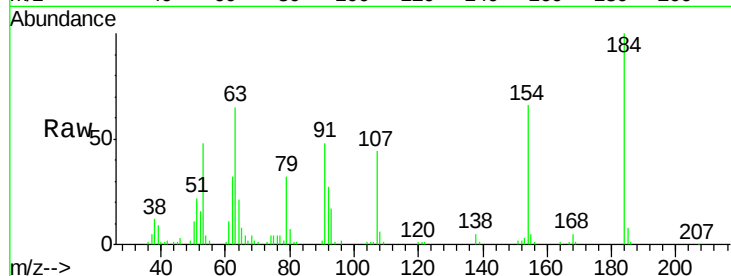
#53
2,4-Dinitrophenol
Concen: 70.67 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.2	45.1	67.7
154	66.2	51.2	76.8

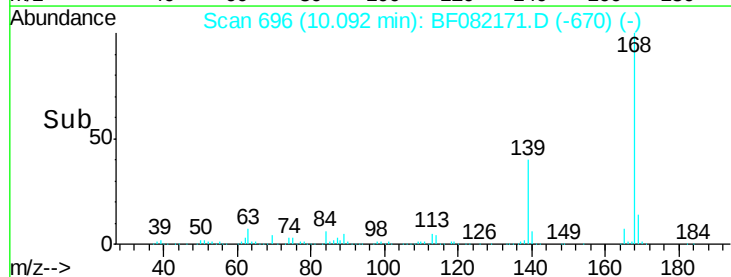
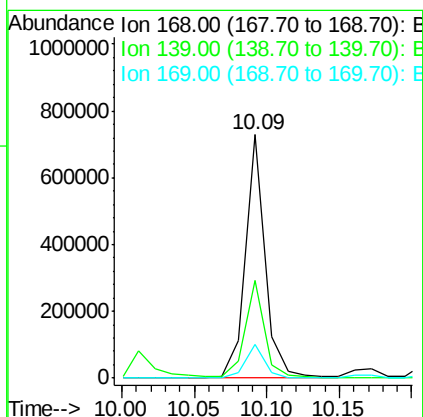
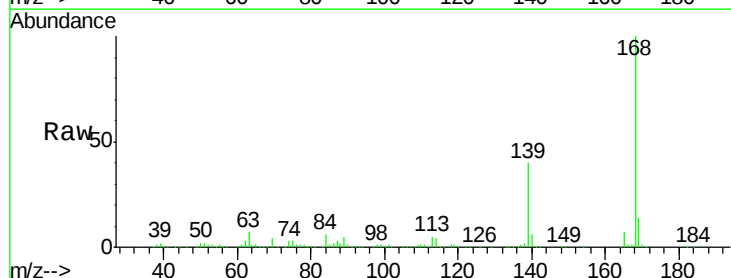
Manual Integrations
APPROVED

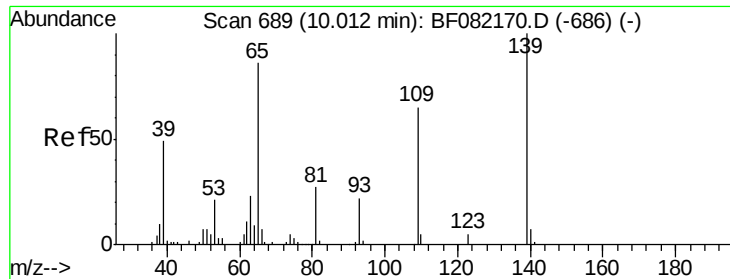
MMDadoda
10/12/2015 2:30:54 PM



#54
Dibenzofuran
Concen: 43.90 ng
RT: 10.09 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.0	46.6
169	14.0	10.9	16.3





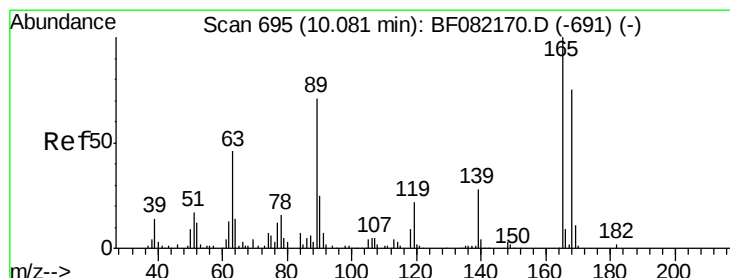
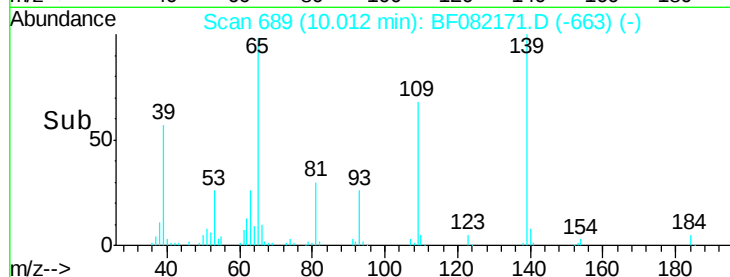
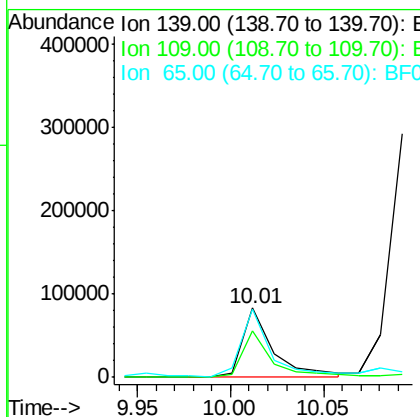
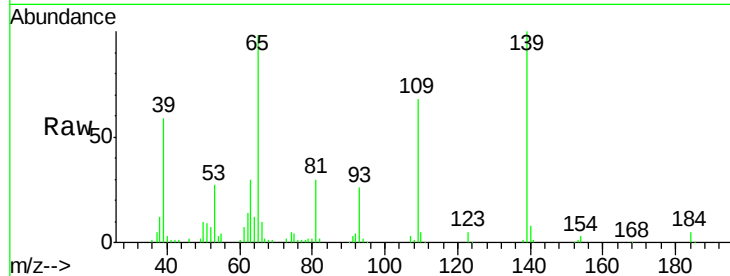
#55
4-Nitrophenol
Concen: 41.11 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	96019		
109	68.1	44.8	84.8	
65	98.5	67.7	107.7	

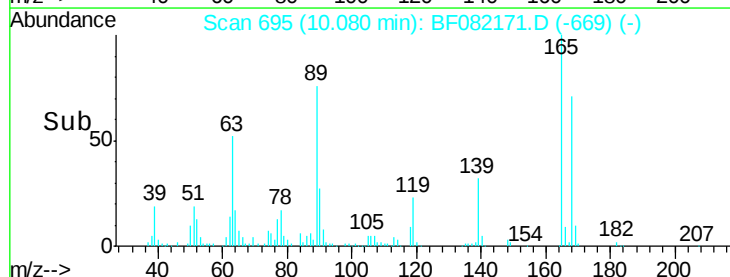
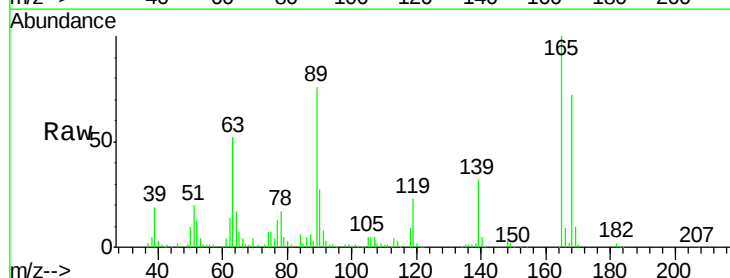
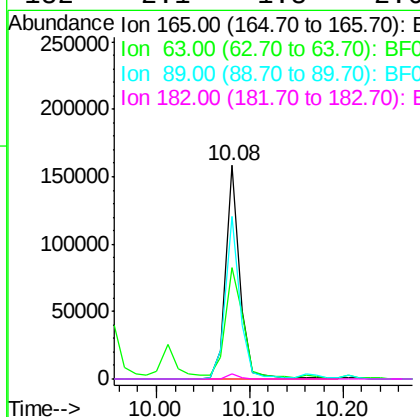
Manual Integrations
APPROVED

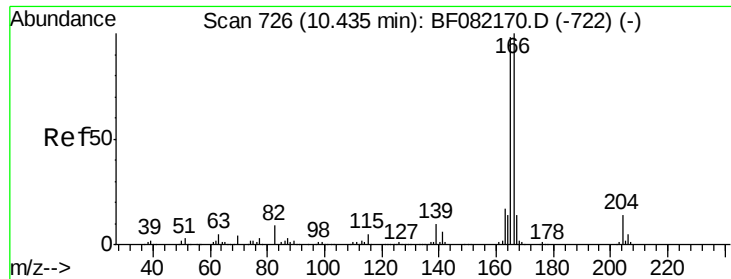
MMDadoda
10/12/2015 2:30:54 PM



#56
2,4-Dinitrotoluene
Concen: 45.96 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	168732		
63	52.3	38.6	58.0	
89	76.3	57.0	85.6	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 45.38 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

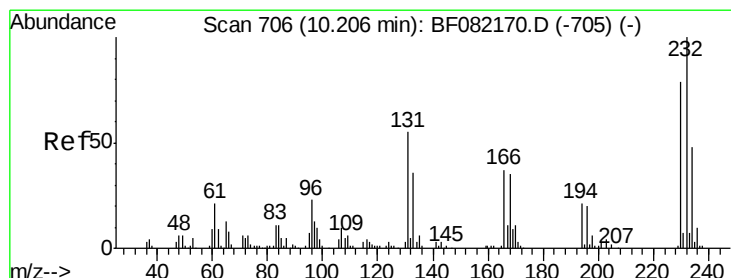
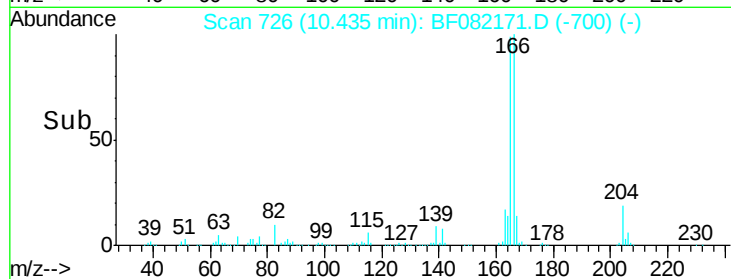
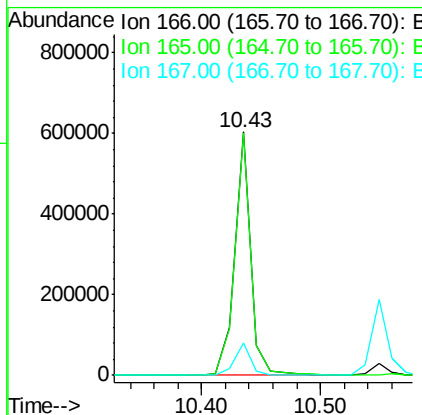
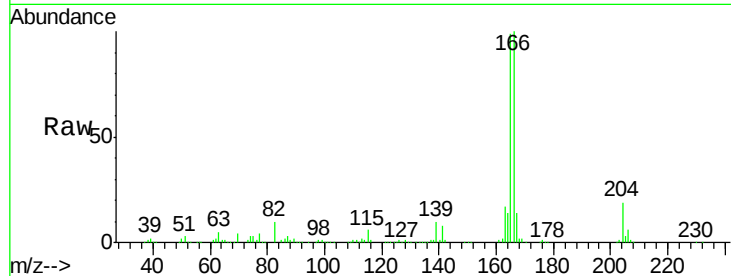
ClientSampleId :

SSTDICC050

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	566335		
165	99.3	78.3	117.5	
167	13.6	10.8	16.2	



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.27 ng

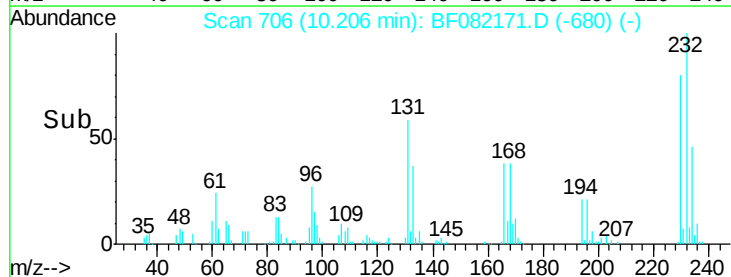
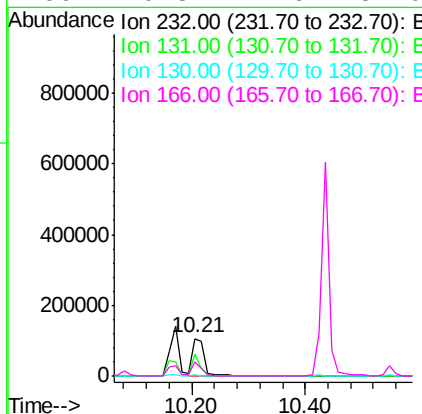
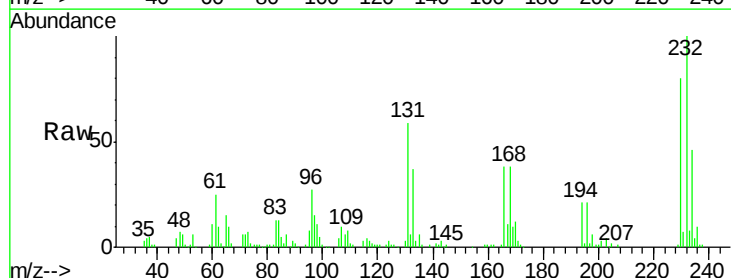
RT: 10.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	155318		
131	42.8	36.6	54.8	
130	1.8	1.5	2.3	
166	29.3	24.6	37.0	





#59

Diethylphthalate

Concen: 46.24 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

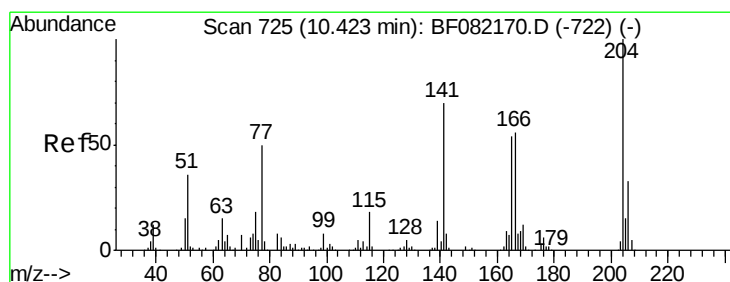
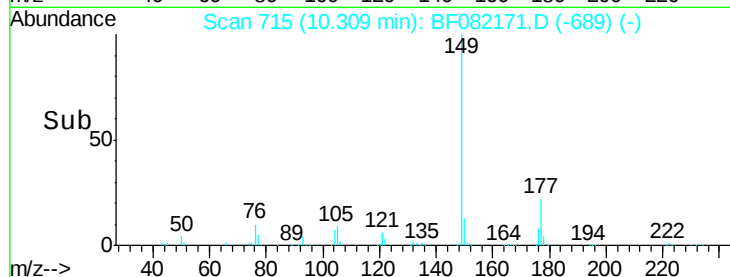
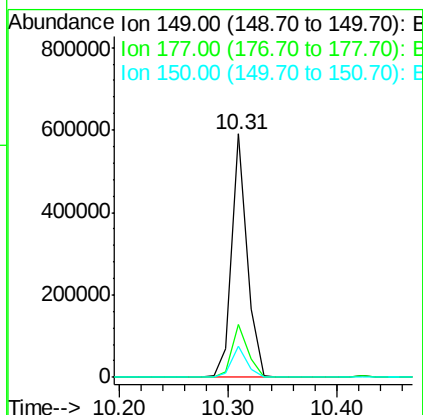
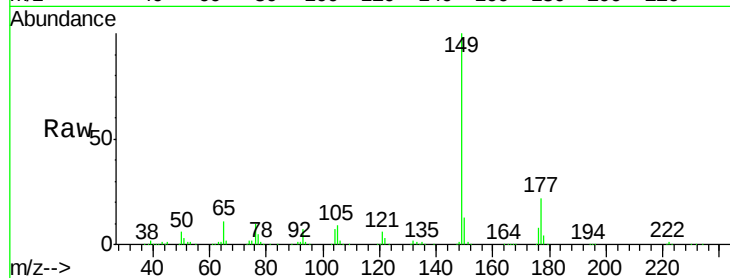
ClientSampleId :

SSTDIC050

Tgt Ion:	149	Resp:	572837
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.6	26.4
150	13.1	10.3	15.5

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#60

4-Chlorophenyl-phenylether

Concen: 44.49 ng

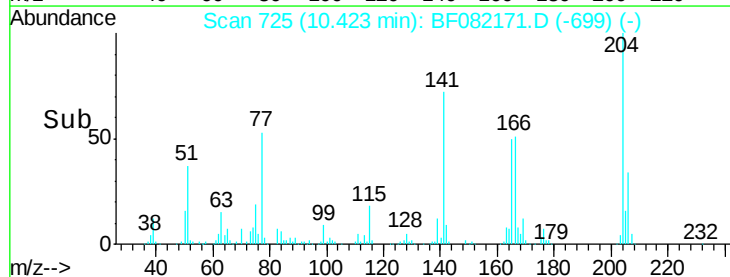
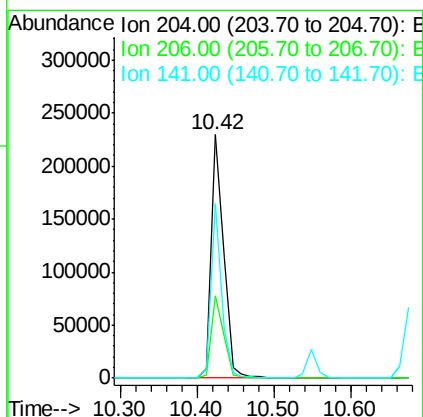
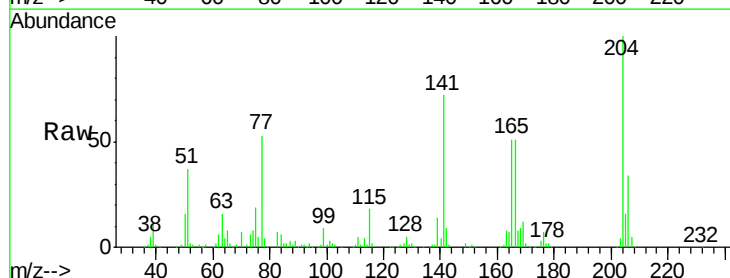
RT: 10.42 min Scan# 725

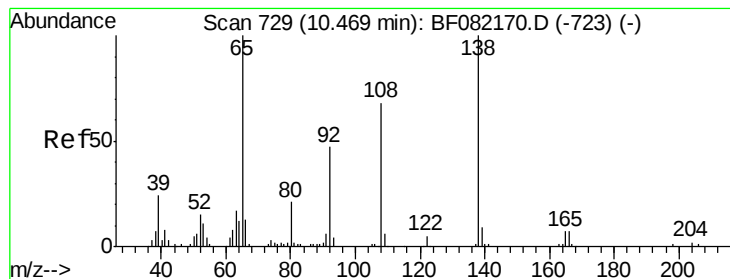
Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion:	204	Resp:	254493
Ion Ratio	Lower	Upper	
204	100		
206	34.0	26.8	40.2
141	71.5	56.1	84.1





#61

4-Nitroaniline

Concen: 46.35 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF082171.D

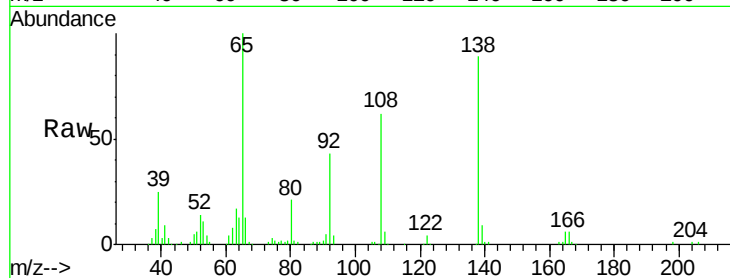
Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

ClientSampleId :

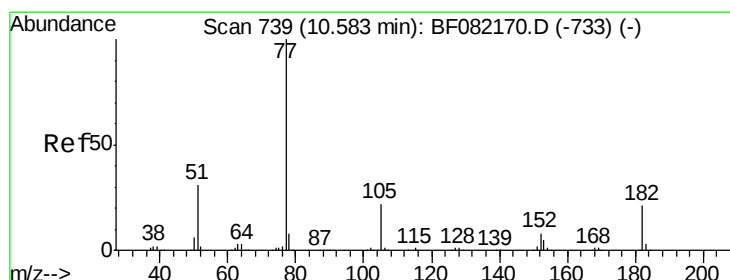
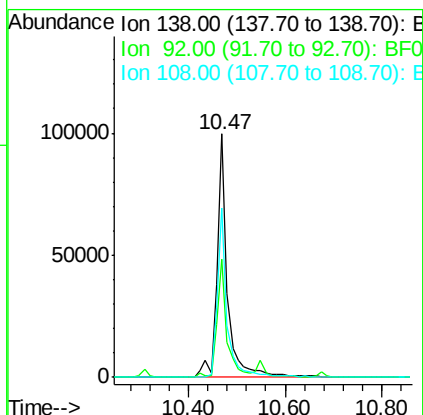
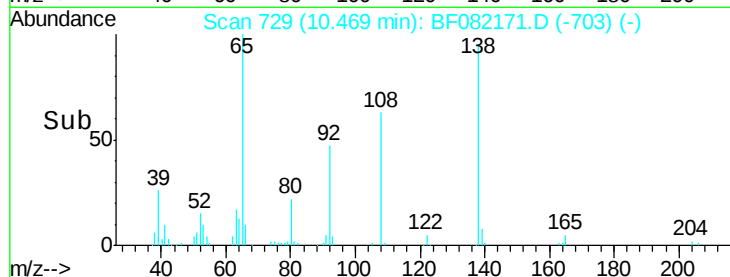
SSTDICC050



Tgt Ion:	138	Resp:	155541
Ion Ratio	Lower	Upper	
138	100		
92	48.8	26.8	66.8
108	69.6	48.4	88.4

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#62

Azobenzene

Concen: 46.15 ng

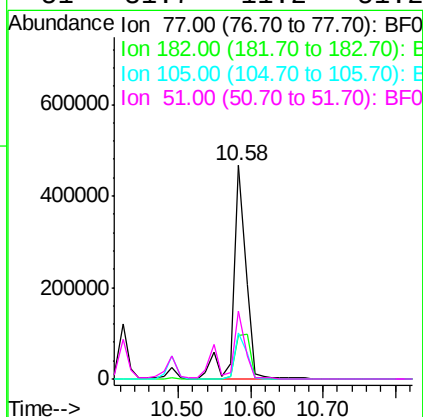
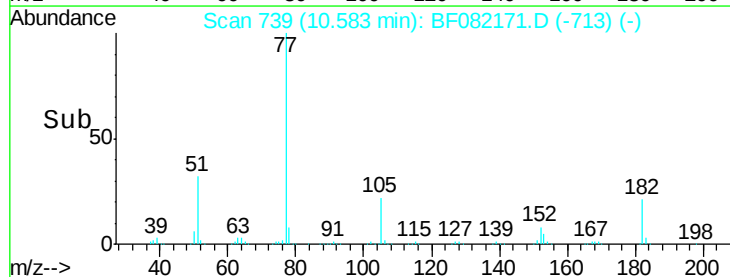
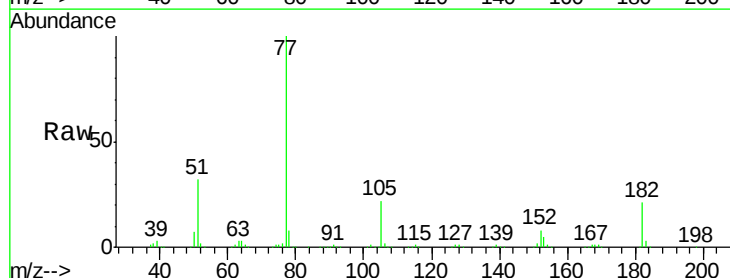
RT: 10.58 min Scan# 739

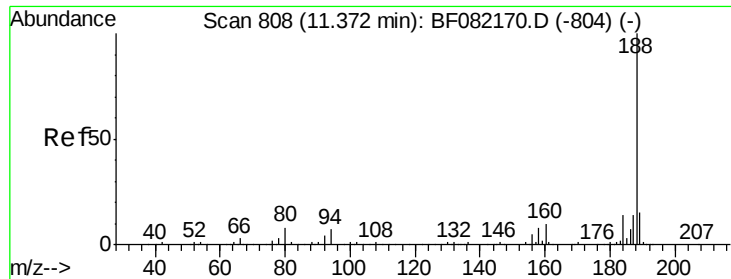
Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion:	77	Resp:	557769
Ion Ratio	Lower	Upper	
77	100		
182	20.5	0.5	40.5
105	21.7	1.8	41.8
51	31.7	11.2	51.2





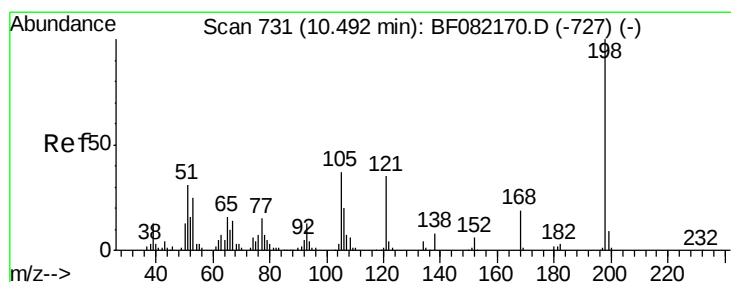
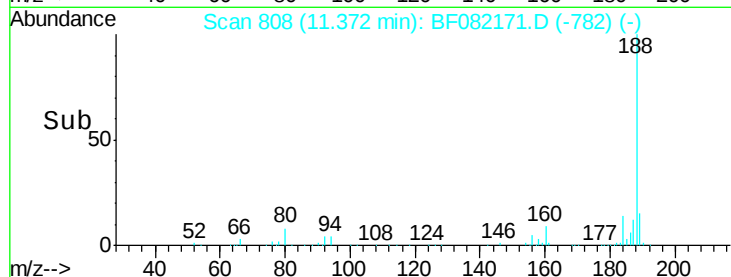
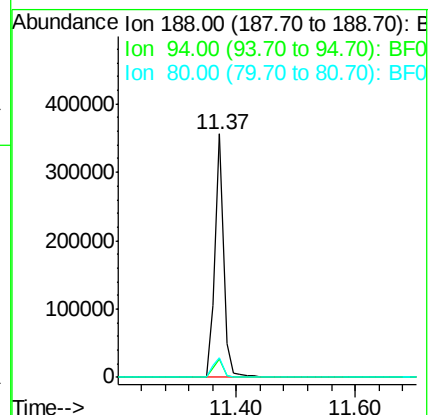
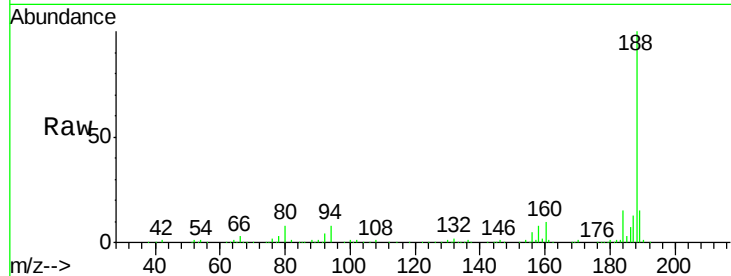
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.7	5.8	8.6
80	7.9	6.4	9.6

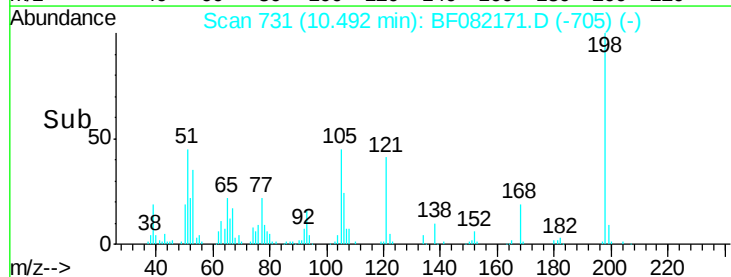
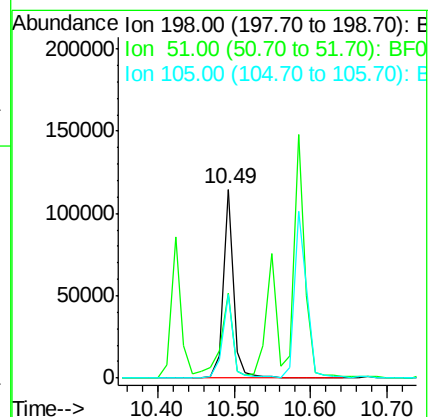
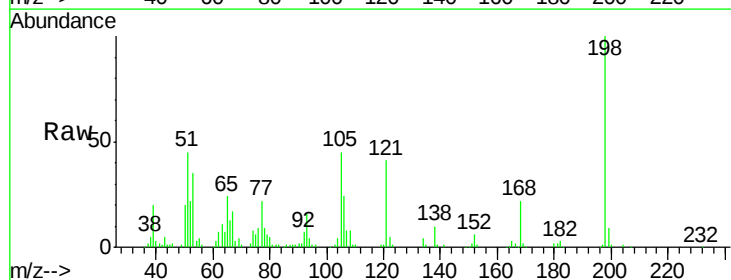
Manual Integrations
APPROVED

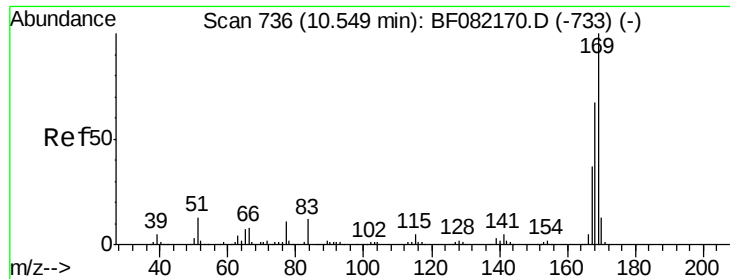
MMDadoda
10/12/2015 2:30:54 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 62.90 ng
RT: 10.49 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.9	13.6	53.6
105	44.6	17.1	57.1





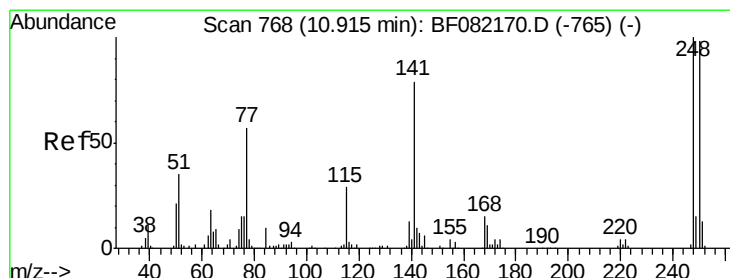
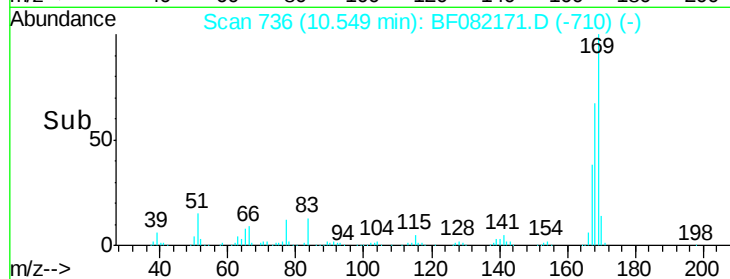
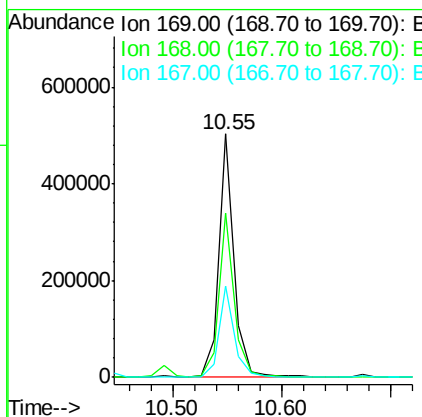
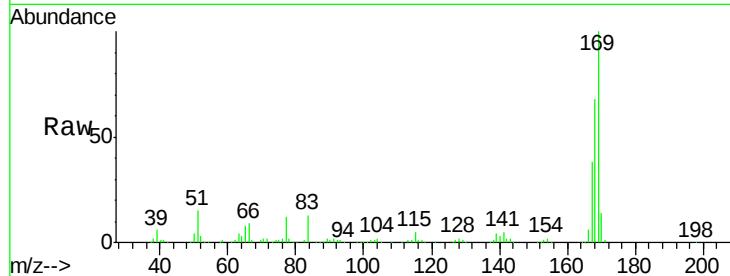
#65
 n-Nitrosodiphenylamine
 Concen: 44.48 ng
 RT: 10.55 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	494417		
168	67.6	54.0	81.0	
167	37.5	29.6	44.4	

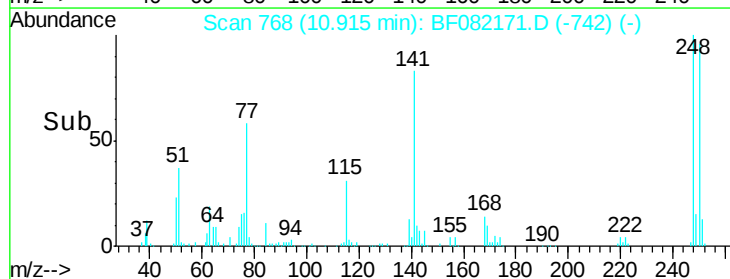
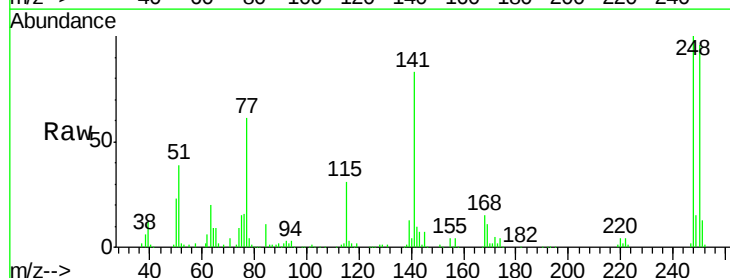
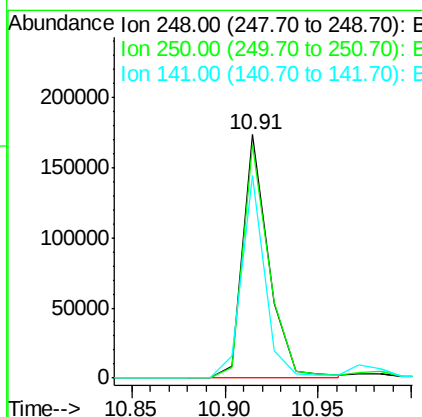
Manual Integrations
 APPROVED

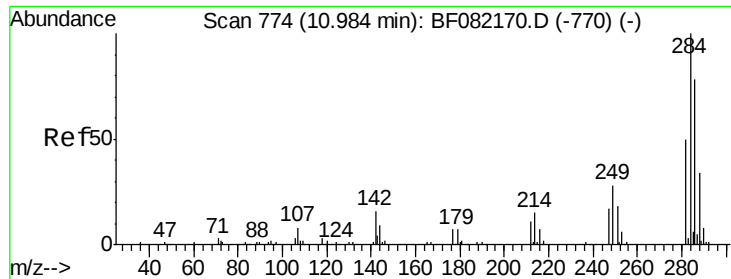
MMDadoda
 10/12/2015 2:30:54 PM



#66
 4-Bromophenyl-phenylether
 Concen: 45.09 ng
 RT: 10.91 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	167302		
250	96.1	78.6	117.8	
141	83.4	63.3	94.9	





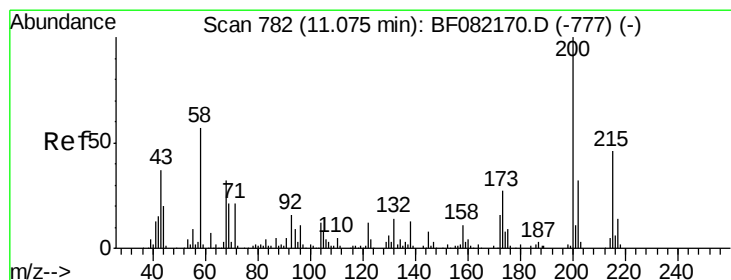
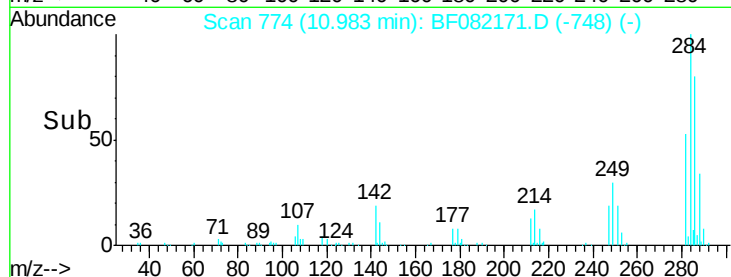
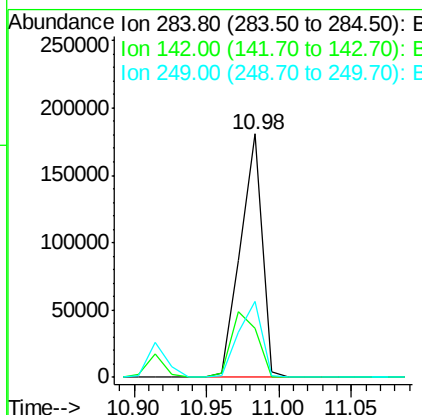
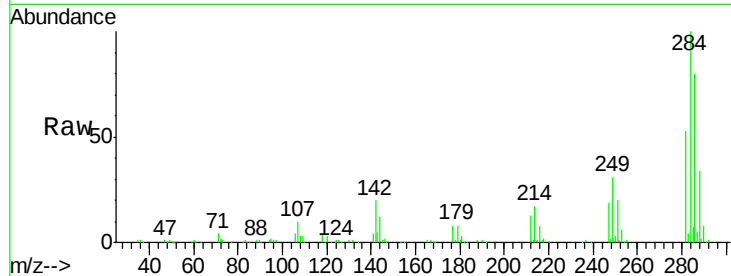
#67
Hexachlorobenzene
Concen: 45.78 ng
RT: 10.98 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	19.9	13.0	19.6#
249	31.0	22.5	33.7

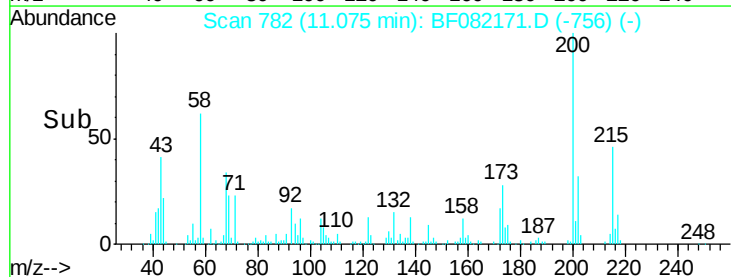
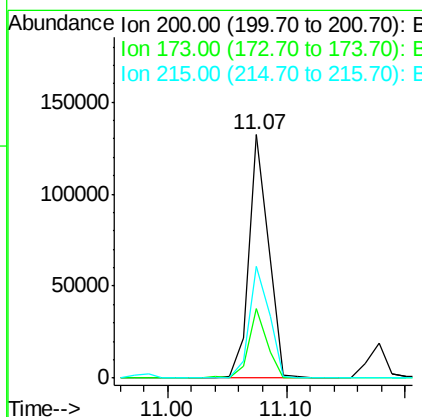
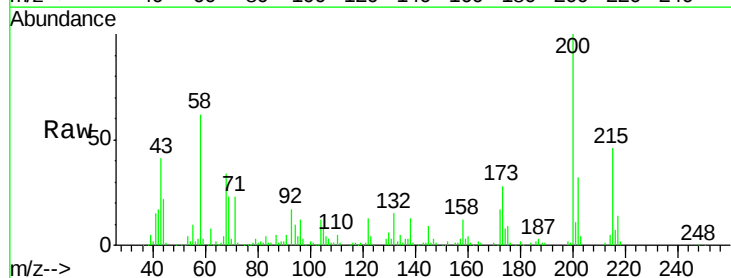
Manual Integrations
APPROVED

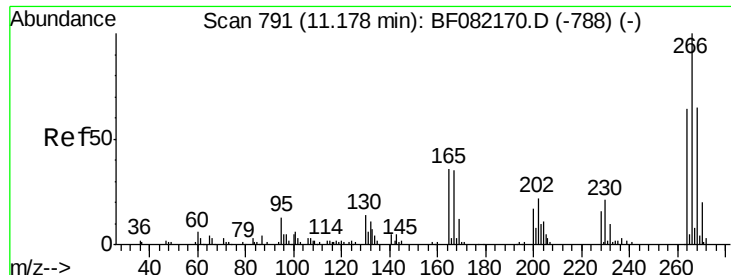
MMDadoda
10/12/2015 2:30:54 PM



#68
Atrazine
Concen: 44.44 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.5	7.3	47.3
215	46.1	26.2	66.2





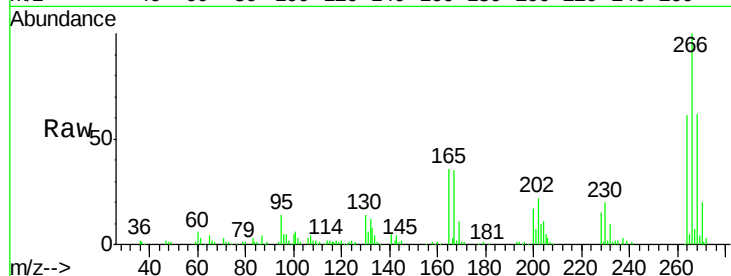
#69
 Pentachlorophenol
 Concen: 48.73 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

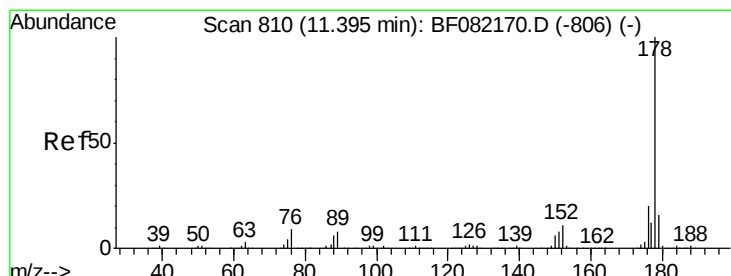
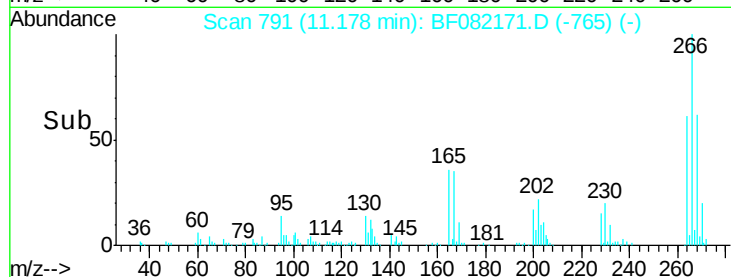
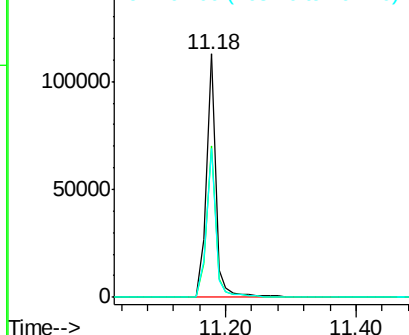
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	114670		
268	62.0	52.0	78.0	
264	61.2	51.4	77.0	

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:30:54 PM

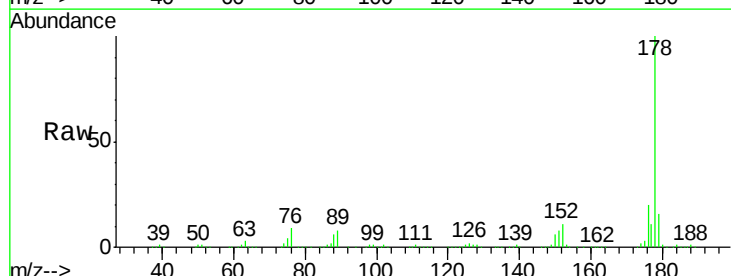


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

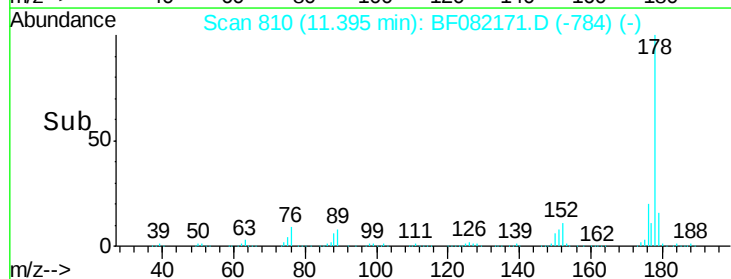
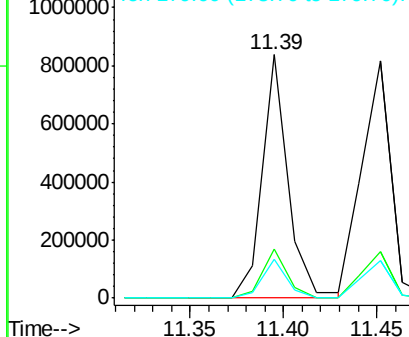


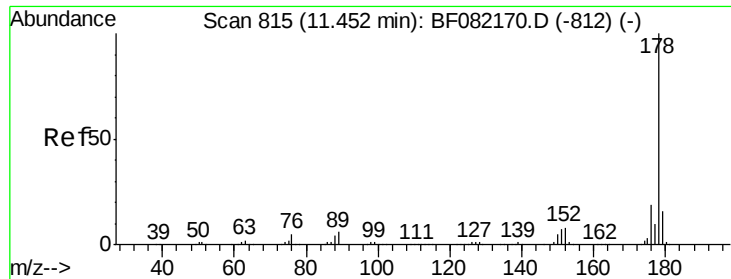
#70
 Phenanthrene
 Concen: 42.20 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	812363		
176	20.1	16.0	24.0	
179	16.2	12.6	19.0	



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





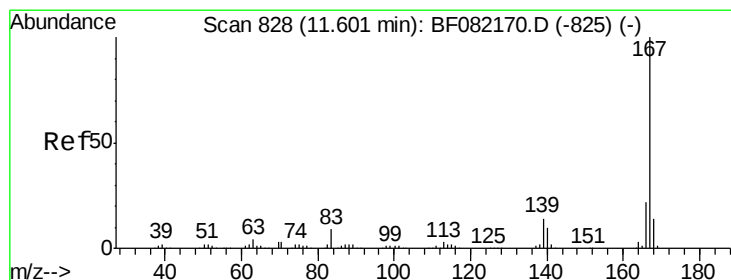
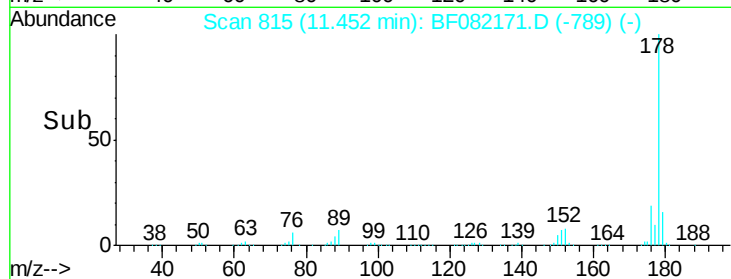
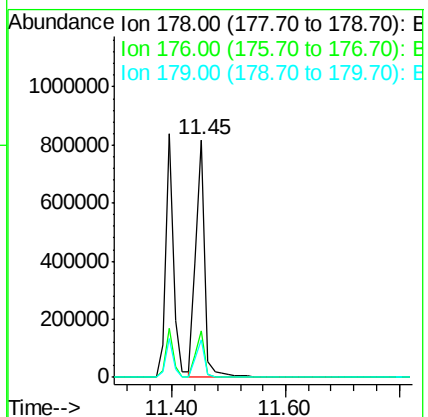
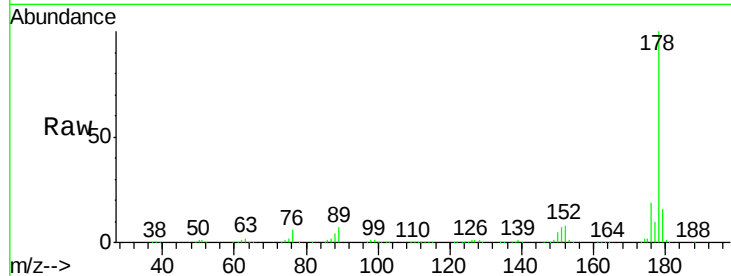
#71
 Anthracene
 Concen: 48.71 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.7	12.5	18.7

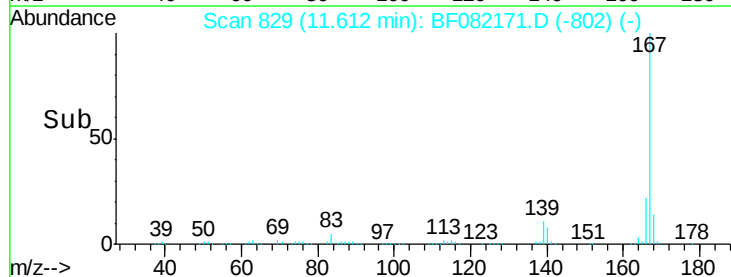
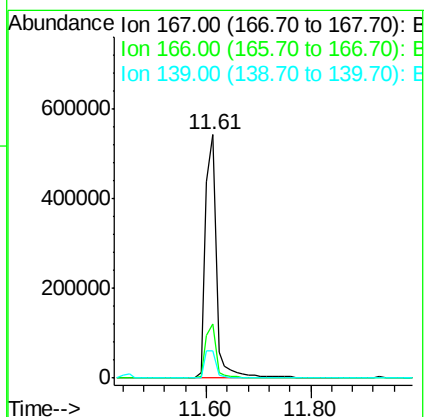
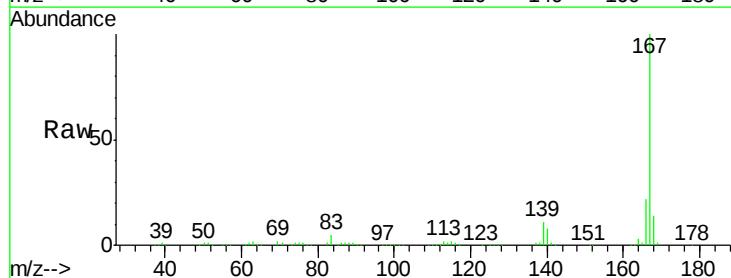
Manual Integrations
 APPROVED

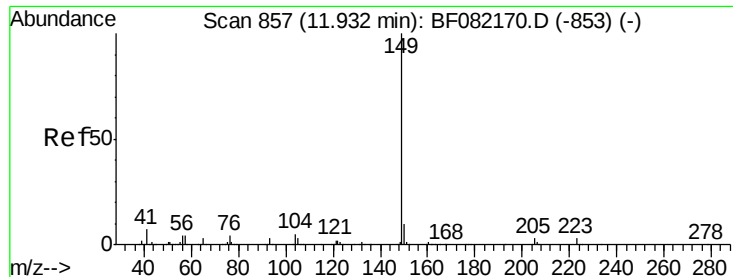
MMDadoda
 10/12/2015 2:30:54 PM



#72
 Carbazole
 Concen: 47.19 ng
 RT: 11.61 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.3	25.9
139	11.2	11.2	16.8#





#73

Di-n-butylphthalate

Concen: 49.94 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

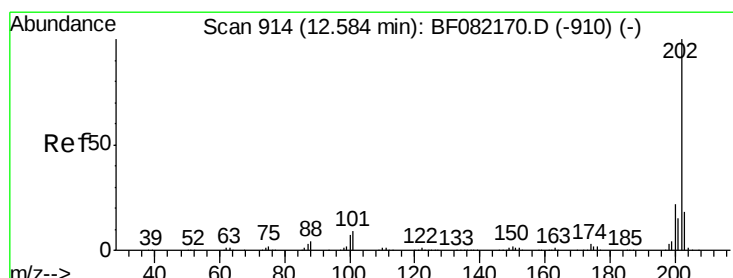
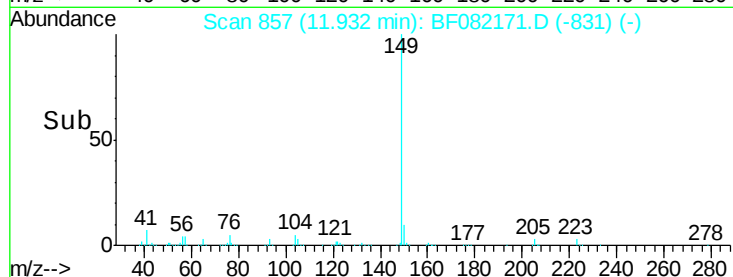
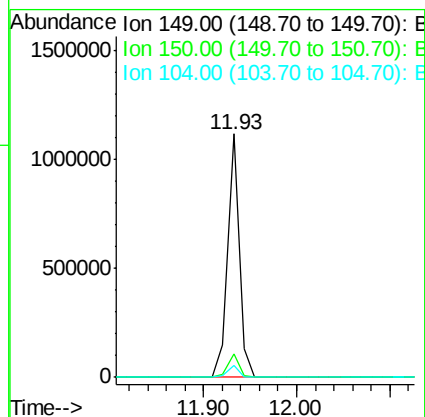
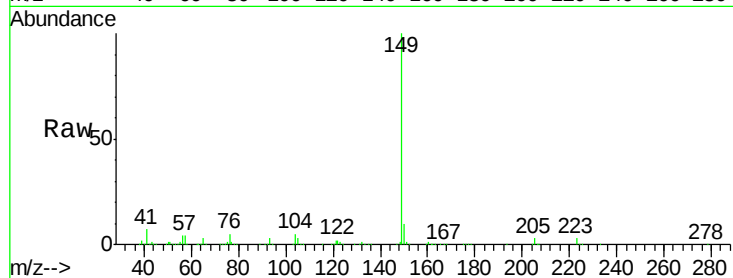
ClientSampleId :

SSTDICC050

Tgt Ion:	149	Resp:	962514
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#74

Fluoranthene

Concen: 44.82 ng

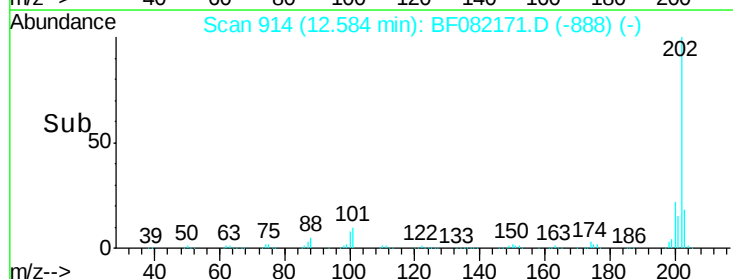
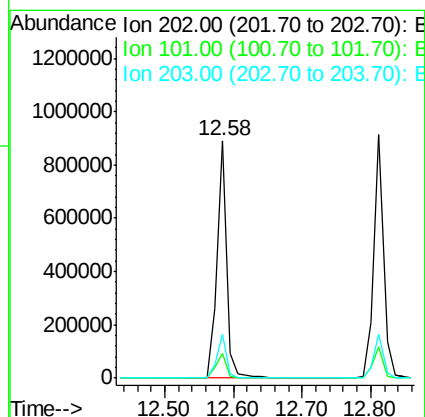
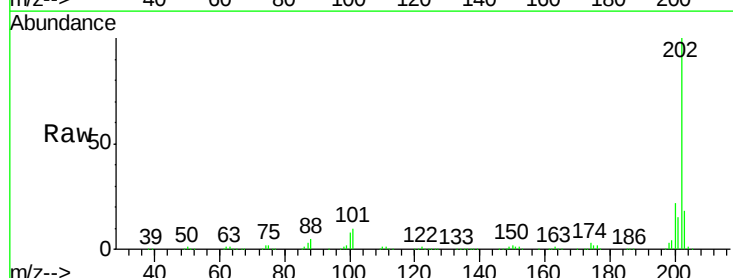
RT: 12.58 min Scan# 914

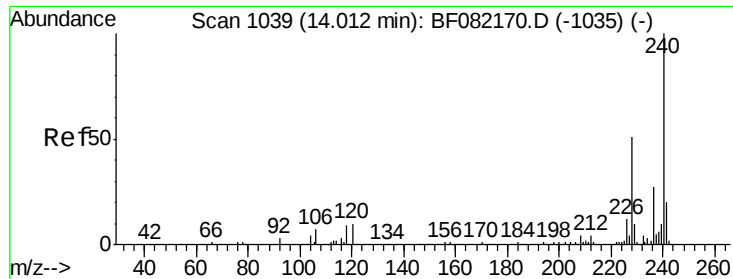
Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion:	202	Resp:	893331
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	29.3
203	18.3	0.0	37.8





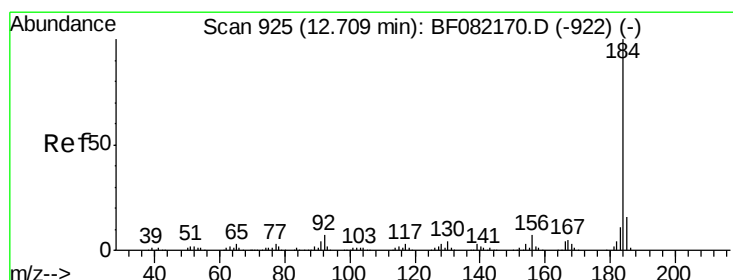
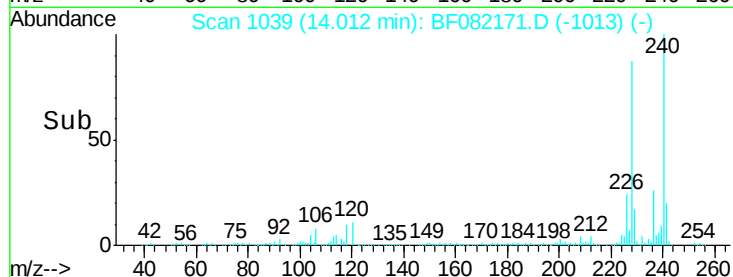
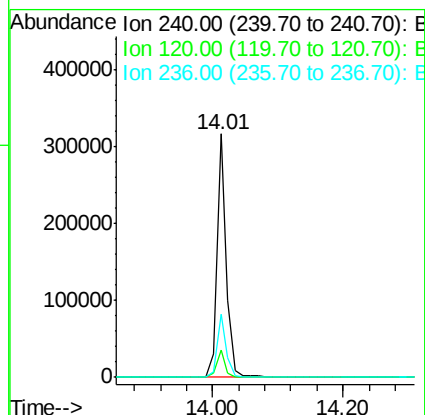
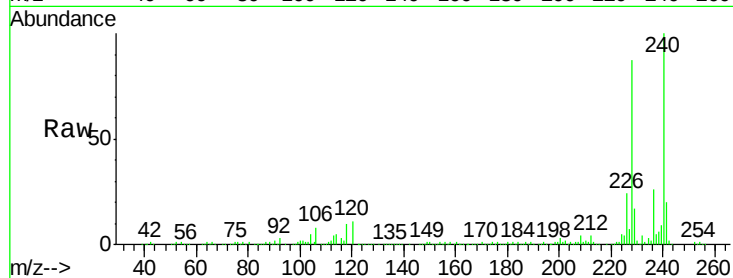
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	321006		
120	11.3	8.1	12.1	
236	26.0	21.3	31.9	

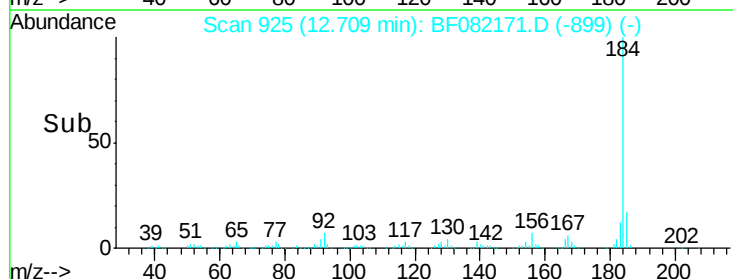
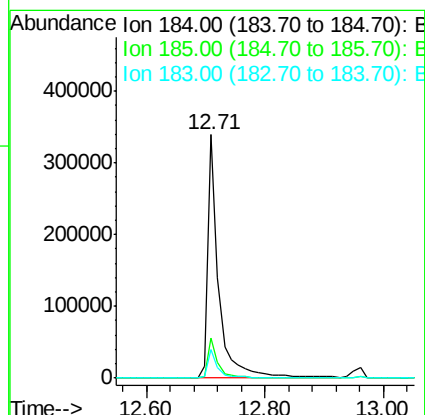
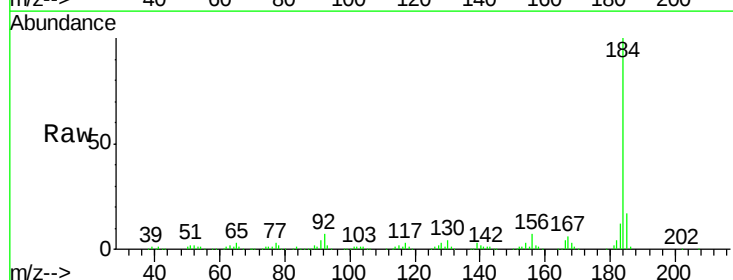
Manual Integrations
APPROVED

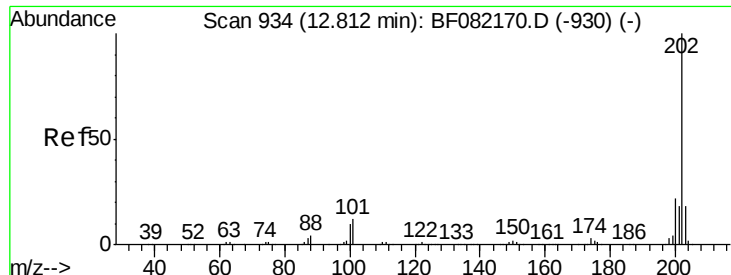
MMDadoda
10/12/2015 2:30:54 PM



#76
Benzidine
Concen: 46.76 ng
RT: 12.71 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	444361		
185	16.5	12.5	18.7	
183	11.6	9.1	13.7	





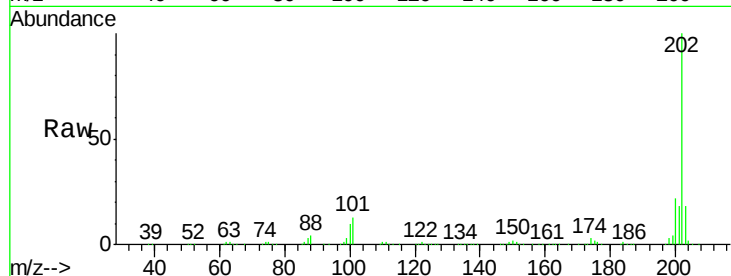
#77
 Pyrene
 Concen: 46.67 ng
 RT: 12.81 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

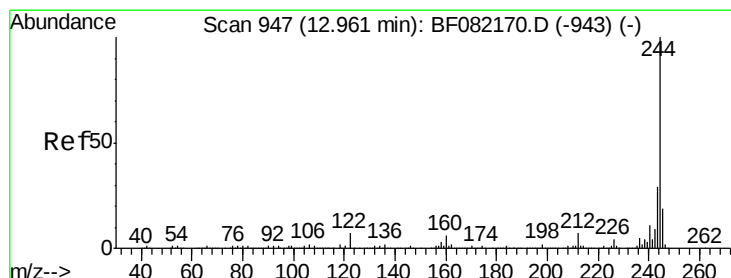
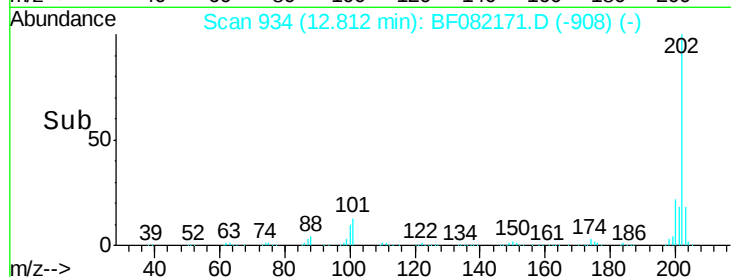
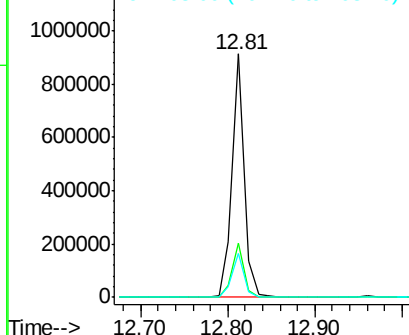
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.1	17.9	26.9
203	18.1	14.5	21.7

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:30:54 PM

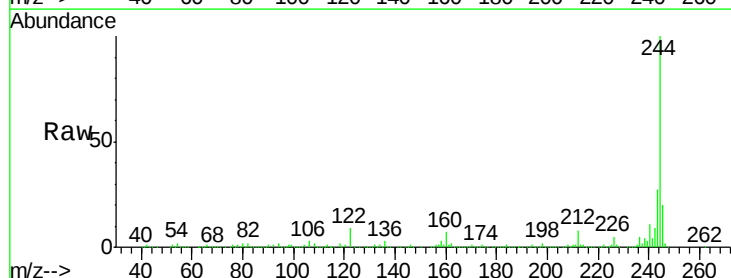


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

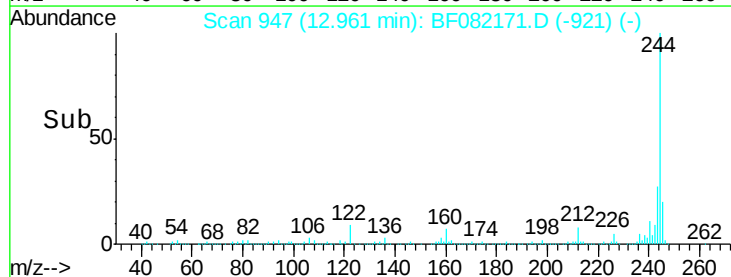
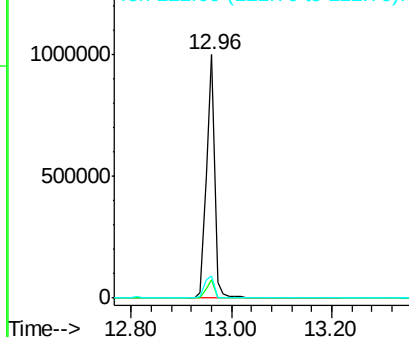


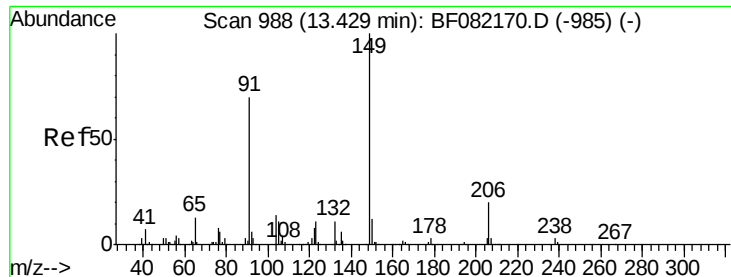
#78
 Terphenyl-d14
 Concen: 99.12 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.6	5.8	8.6
122	9.1	5.9	8.9#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





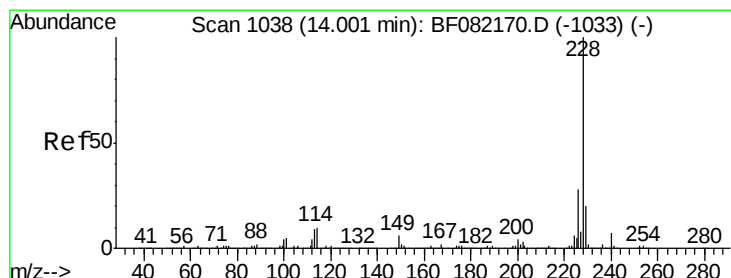
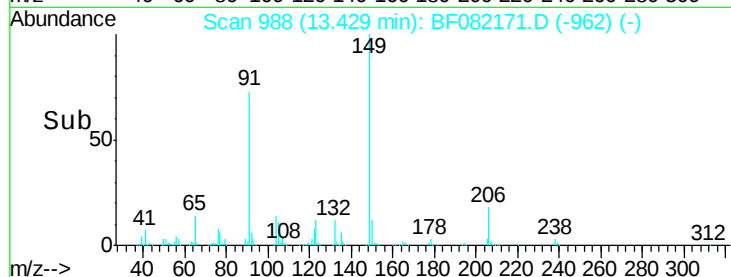
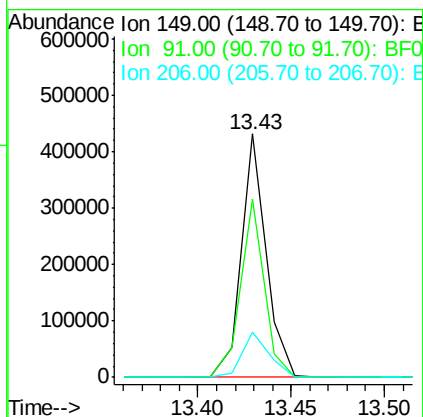
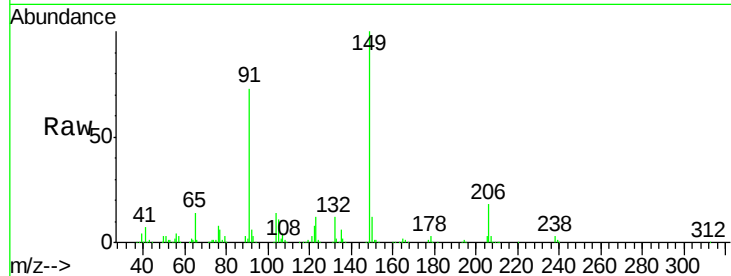
#79
Butylbenzylphthalate
Concen: 55.49 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	404213		
91	73.1	55.7	83.5	
206	18.4	15.6	23.4	

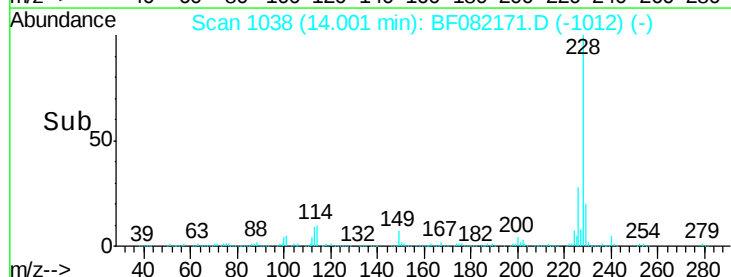
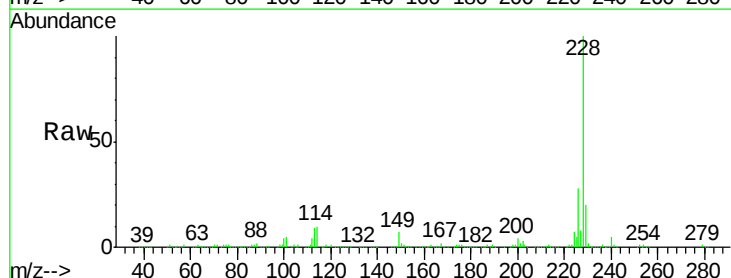
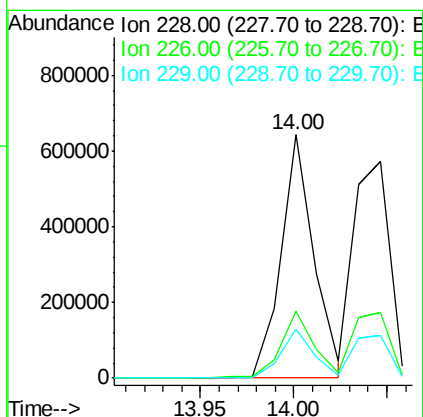
Manual Integrations
APPROVED

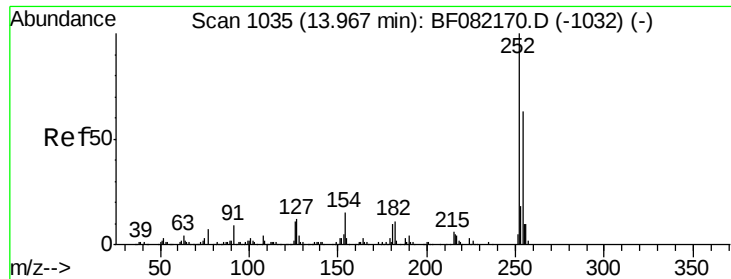
MMDadoda
10/12/2015 2:30:54 PM



#80
Benzo(a)anthracene
Concen: 46.17 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	791343		
226	27.5	22.3	33.5	
229	20.1	16.2	24.2	





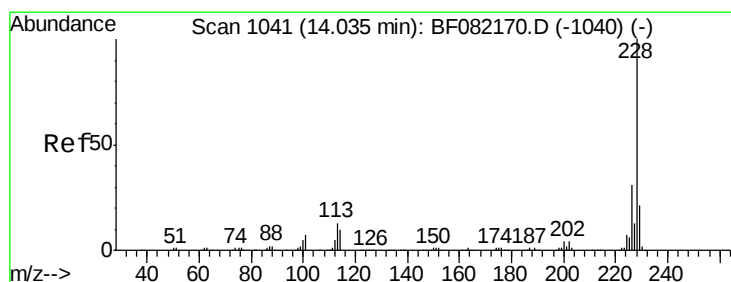
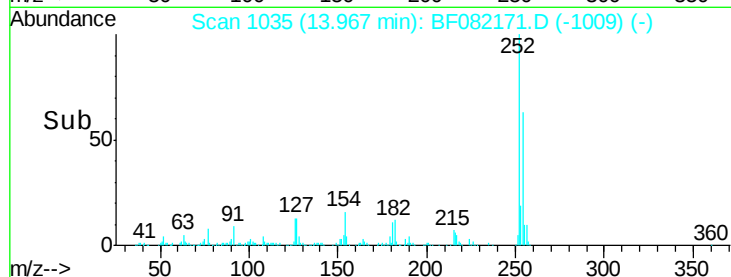
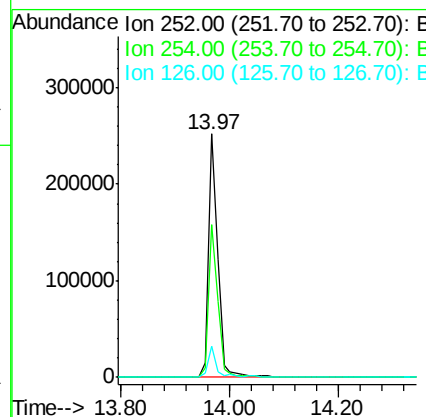
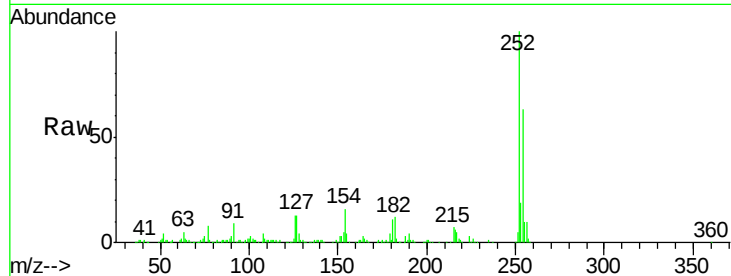
#81
 3,3'-Dichlorobenzidine
 Concen: 50.36 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	293414		
254	62.6	50.7	76.1	
126	13.0	9.0	13.6	

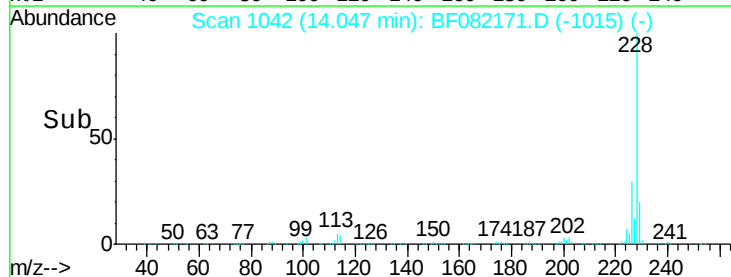
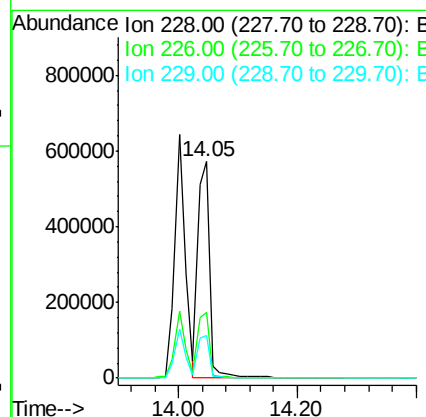
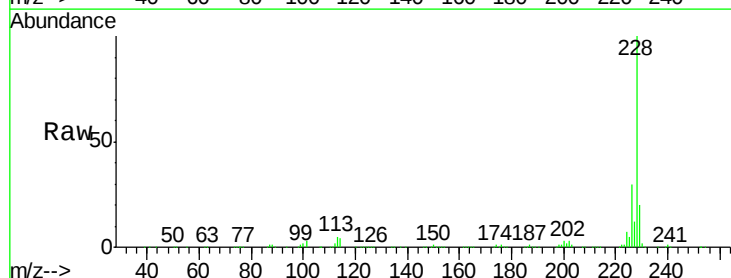
Manual Integrations
 APPROVED

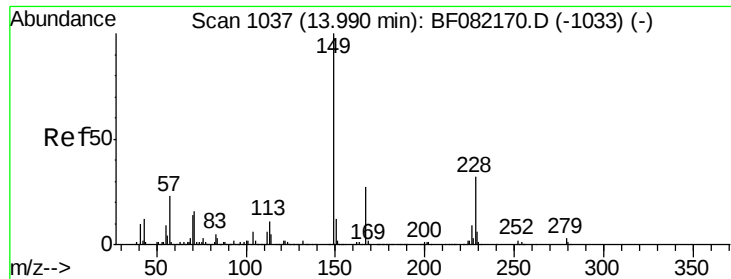
MMDadoda
 10/12/2015 2:30:54 PM



#82
 Chrysene
 Concen: 48.91 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	803211		
226	30.5	24.4	36.6	
229	19.6	16.3	24.5	





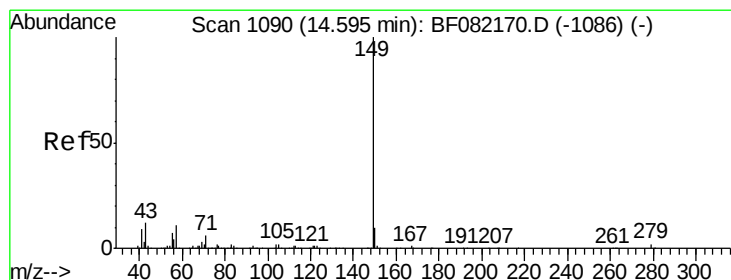
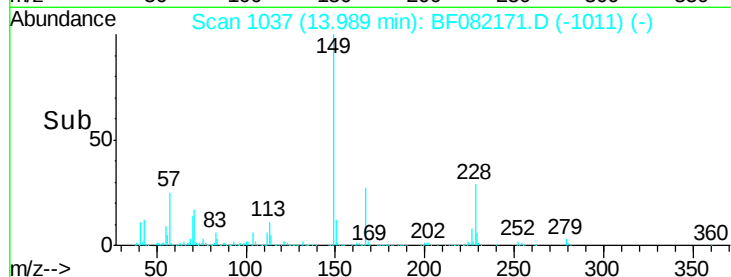
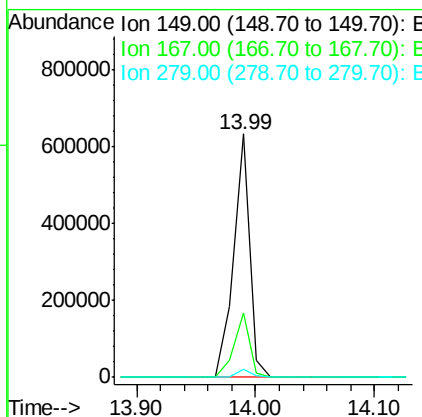
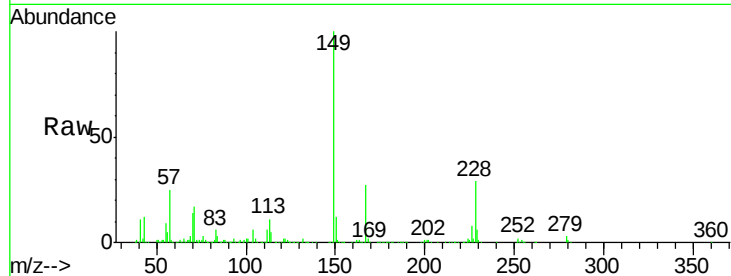
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 62.96 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	597206		
167	26.6	21.3	31.9	
279	3.4	2.6	4.0	

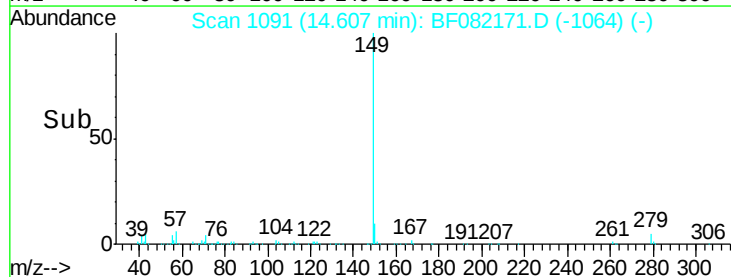
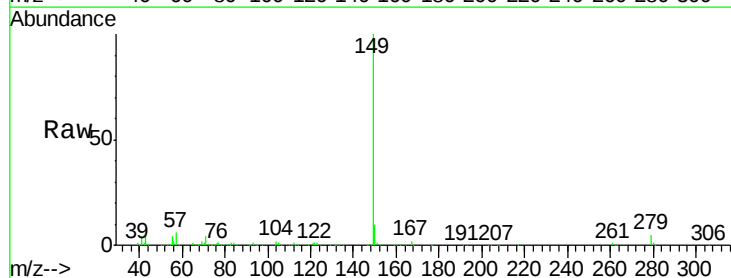
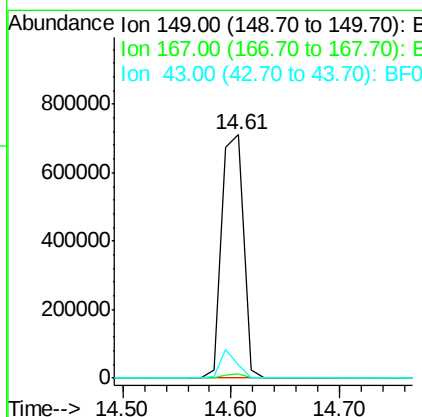
Manual Integrations
 APPROVED

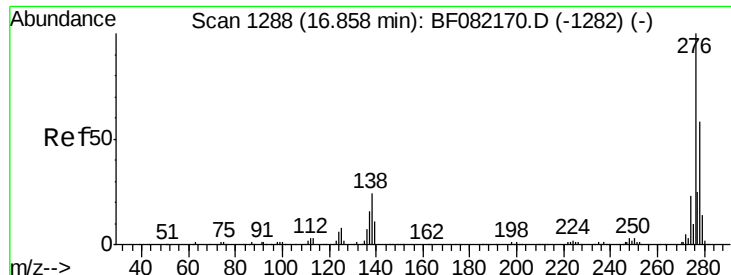
MMDadoda
 10/12/2015 2:30:54 PM



#84
 Di-n-octyl phthalate
 Concen: 63.73 ng
 RT: 14.61 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	987623		
167	1.6	1.3	1.9	
43	9.3	7.4	11.2	





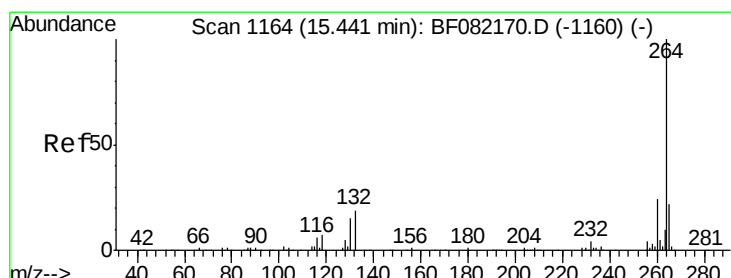
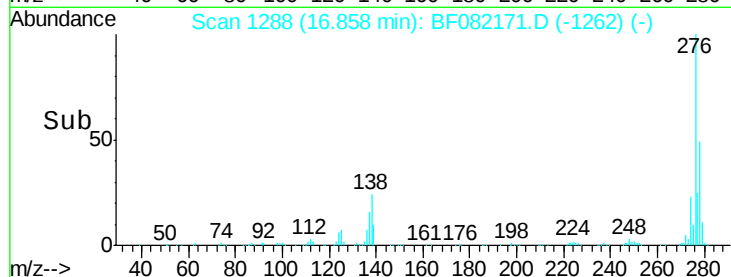
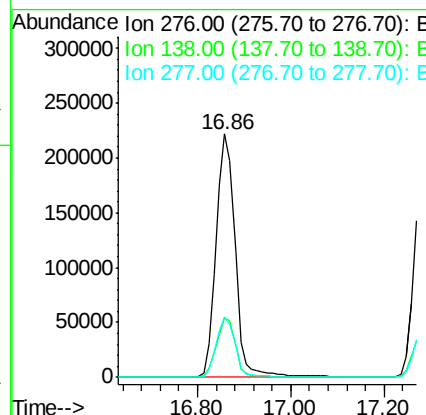
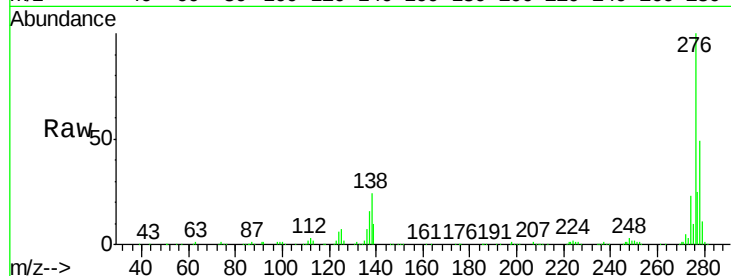
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.65 ng
RT: 16.86 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.7	29.5
277	24.6	20.1	30.1

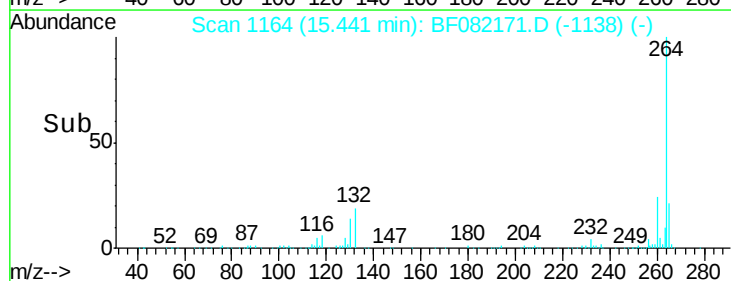
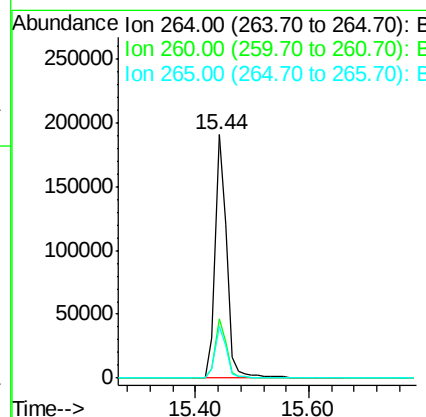
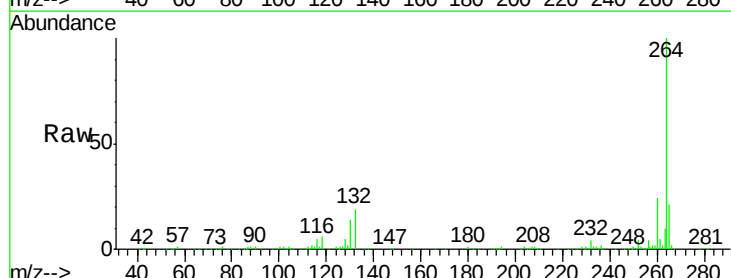
Manual Integrations
APPROVED

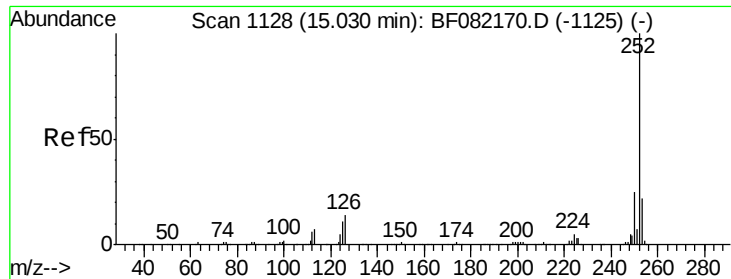
MMDadoda
10/12/2015 2:30:54 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 53.81 ng m

RT: 15.03 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Instrument :

BNA_F

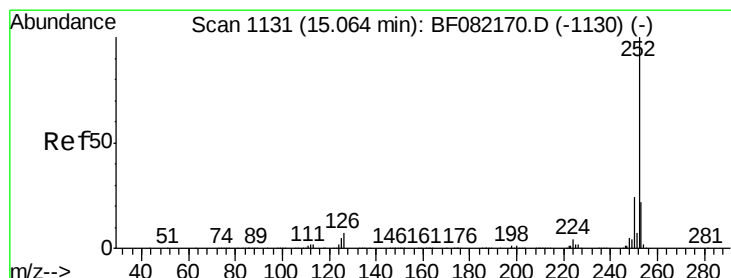
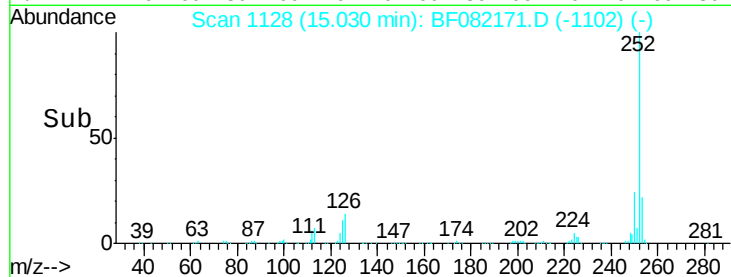
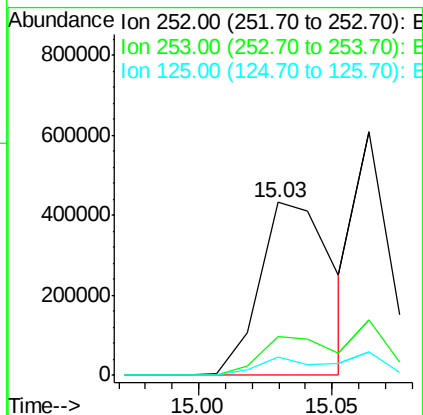
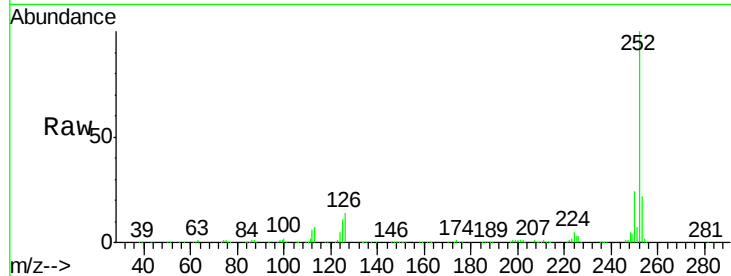
ClientSampleId :

SSTDICC050

Tgt Ion:	252	Resp:	826272
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.0	27.0
125	10.5	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/12/2015 2:30:54 PM



#88

Benzo(k)fluoranthene

Concen: 42.07 ng m

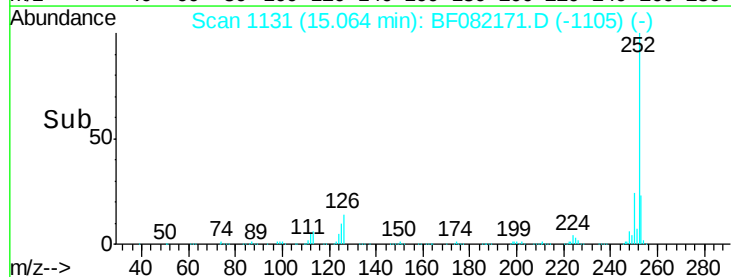
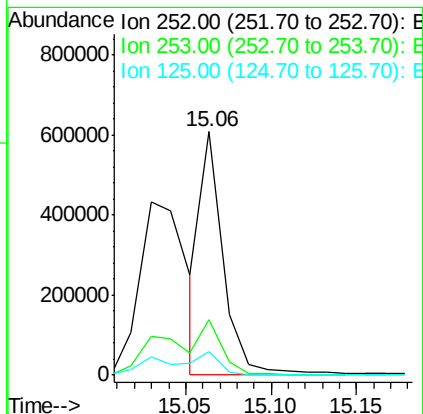
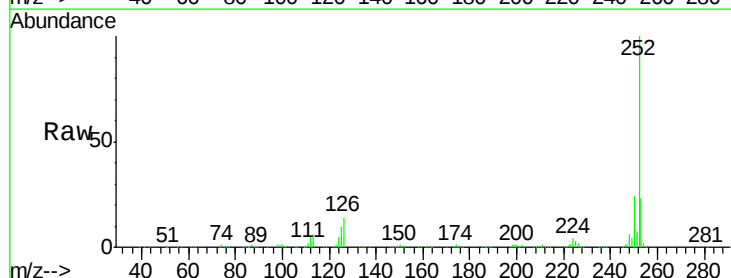
RT: 15.06 min Scan# 1131

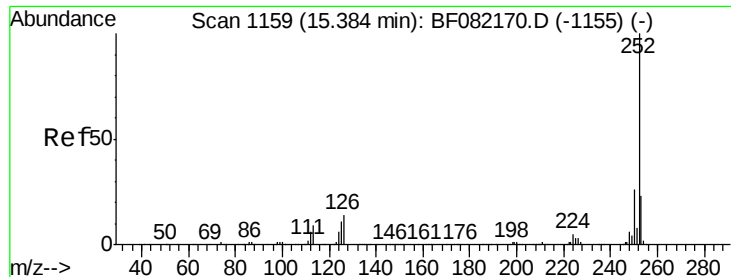
Delta R.T. -0.00 min

Lab File: BF082171.D

Acq: 10 Oct 2015 12:32

Tgt Ion:	252	Resp:	571847
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	9.5	6.7	10.1





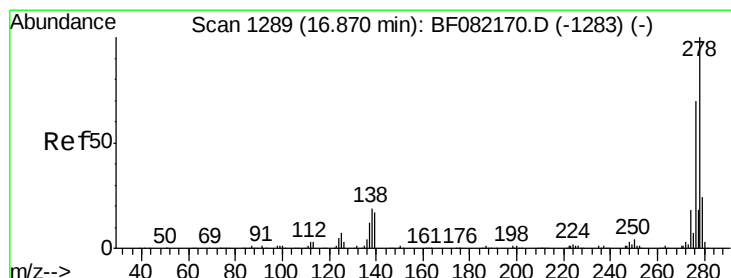
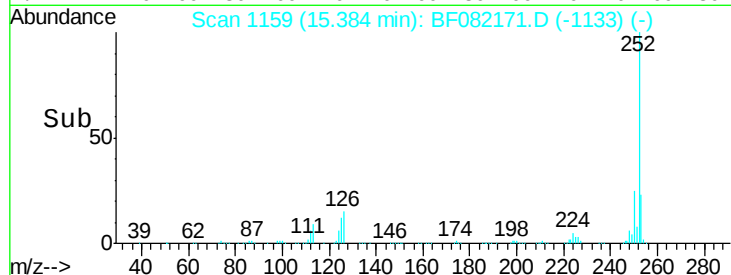
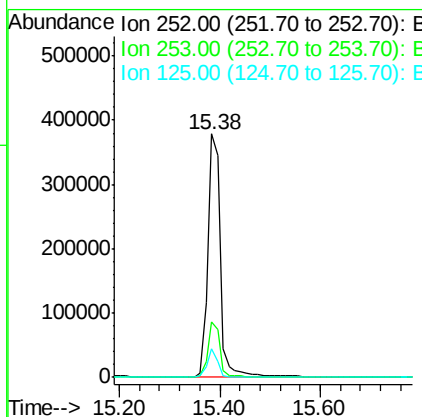
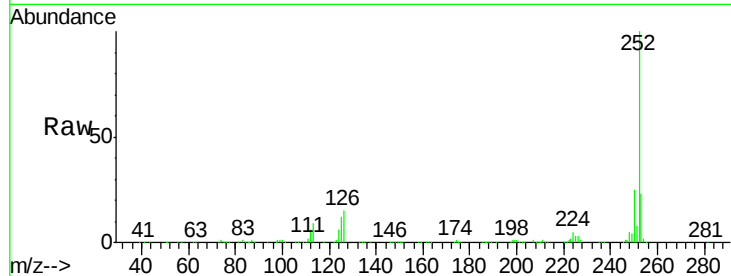
#89
Benzo(a)pyrene
Concen: 49.45 ng
RT: 15.38 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.7	8.9	13.3

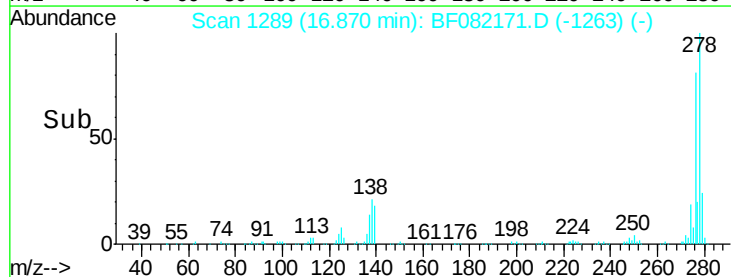
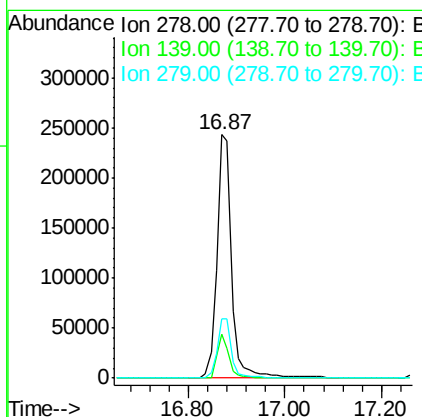
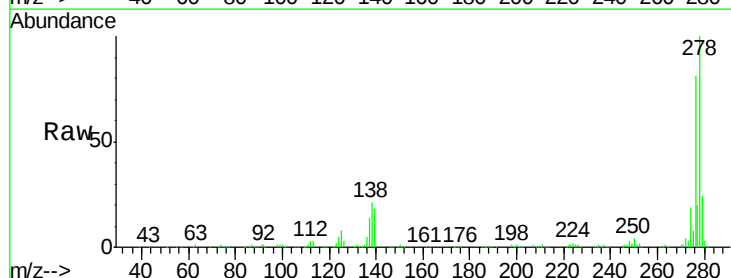
Manual Integrations
APPROVED

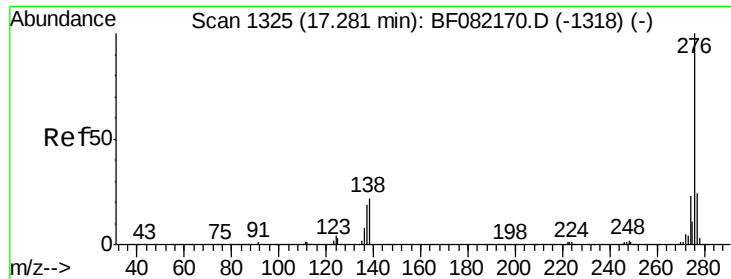
MMDadoda
10/12/2015 2:30:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.81 ng
RT: 16.87 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF082171.D
Acq: 10 Oct 2015 12:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.3	19.9
279	24.3	18.9	28.3





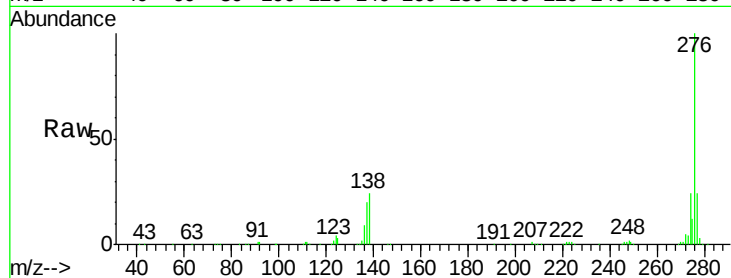
#91
 Benzo(g,h,i)perylene
 Concen: 45.40 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082171.D
 Acq: 10 Oct 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	503306		
277	23.8		18.8	28.2
138	23.5		17.4	26.2

Manual Integrations
 APPROVED

MMDadoda
 10/12/2015 2:30:54 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

