

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF083996.D
 Acq On : 22 Dec 2015 17:12
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

apatel
 12/23/2015 4:26:53 PM

Quant Time: Dec 22 18:34:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 17:16:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	62483	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	227478	20.00	ng	0.01
38) Acenaphthene-d10	9.87	164	111801	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	203829	20.00	ng	0.00
75) Chrysene-d12	14.00	240	151196	20.00	ng	0.00
86) Perylene-d12	15.43	264	114443	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	388270	50.36	ng	0.00
7) Phenol-d6	6.48	99	495728	56.41	ng	0.00
23) Nitrobenzene-d5	7.40	82	463149	61.95	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	130806	62.81	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	820926	47.73	ng	0.00
78) Terphenyl-d14	12.93	244	725577	55.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	93030	51.20	ng	97
3) Pyridine	3.10	79	228142	60.78	ng	98
4) n-Nitrosodimethylamine	3.06	42	91426	62.21	ng	94
6) Aniline	6.50	93	335300	54.54	ng	# 87
8) 2-Chlorophenol	6.62	128	231307	53.90	ng	89
9) Benzaldehyde	6.37	77	161614	53.74	ng	96
10) Phenol	6.50	94	273673	53.49	ng	77
11) bis(2-Chloroethyl)ether	6.57	93	210027	53.94	ng	96
12) 1,3-Dichlorobenzene	6.77	146	270042	56.70	ng	98
13) 1,4-Dichlorobenzene	6.85	146	260227m	56.30	ng	
14) 1,2-Dichlorobenzene	7.00	146	226692	48.89	ng	98
15) Benzyl Alcohol	6.98	79	185240	53.56	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.12	45	194123	50.74	ng	96
17) 2-Methylphenol	7.10	107	179125	51.97	ng	94
18) Hexachloroethane	7.34	117	97026	57.24	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	144108	54.66	ng	# 89
20) 3+4-Methylphenols	7.25	107	220550	51.65	ng	# 76
22) Acetophenone	7.24	105	311936	57.18	ng	94
24) Nitrobenzene	7.41	77	224208	58.66	ng	94
25) Isophorone	7.66	82	440403	63.21	ng	95
26) 2-Nitrophenol	7.73	139	123906	59.43	ng	# 86
27) 2,4-Dimethylphenol	7.78	122	199031	53.91	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	266872	60.35	ng	99
29) 2,4-Dichlorophenol	7.98	162	197952	61.62	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	197511	58.73	ng	95
31) Naphthalene	8.14	128	671786	56.58	ng	99
32) Benzoic acid	7.93	122	98511	80.77	ng	93
33) 4-Chloroaniline	8.19	127	291243	59.63	ng	95
34) Hexachlorobutadiene	8.26	225	115565	55.85	ng	98
35) Caprolactam	8.58	113	67574	71.45	ng	# 77
36) 4-Chloro-3-methylphenol	8.68	107	202924	60.19	ng	95
37) 2-Methylnaphthalene	8.83	142	419729	53.89	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	209775	61.56	ng	98
40) Hexachlorocyclopentadiene	8.99	237	62839	98.25	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF083996.D
 Acq On : 22 Dec 2015 17:12
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

apatel
 12/23/2015 4:26:53 PM

Quant Time: Dec 22 18:34:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 17:16:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	124647	60.29	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	132959	62.31	nq	95
45) 1,1'-Biphenyl	9.30	154	603555	58.60	nq	97
46) 2-Chloronaphthalene	9.32	162	399496	53.29	nq	96
47) 2-Nitroaniline	9.41	65	107151	54.47	nq	90
48) Acenaphthylene	9.73	152	645319	55.58	nq	99
49) Dimethylphthalate	9.61	163	506444	56.27	nq	# 91
50) 2,6-Dinitrotoluene	9.66	165	114480	60.90	nq	97
51) Acenaphthene	9.90	154	401817	58.94	nq	99
52) 3-Nitroaniline	9.84	138	133109	69.04	nq	# 68
53) 2,4-Dinitrophenol	9.94	184	45205	77.59	nq	# 72
54) Dibenzofuran	10.08	168	502386	47.48	nq	91
55) 4-Nitrophenol	10.01	139	80362	73.23	nq	97
56) 2,4-Dinitrotoluene	10.06	165	125766	53.93	nq	99
57) Fluorene	10.42	166	435963	52.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	111609	68.74	nq	92
59) Diethylphthalate	10.29	149	485054	55.73	nq	96
60) 4-Chlorophenyl-phenylether	10.41	204	184817	48.56	nq	# 83
61) 4-Nitroaniline	10.44	138	122390	61.51	nq	100
62) Azobenzene	10.57	77	459043	61.41	nq	91
64) 4,6-Dinitro-2-methylphenol	10.48	198	70244m	67.21	nq	
65) n-Nitrosodiphenylamine	10.53	169	420008	54.25	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	121537	50.50	nq	# 78
67) Hexachlorobenzene	10.97	284	145123	55.95	nq	# 70
68) Atrazine	11.06	200	117983	50.44	nq	99
69) Pentachlorophenol	11.17	266	54024	85.07	nq	99
70) Phenanthrene	11.38	178	627418	52.41	nq	98
71) Anthracene	11.44	178	704531	59.02	nq	99
72) Carbazole	11.58	167	588355	52.26	nq	99
73) Di-n-butylphthalate	11.92	149	736985	52.00	nq	# 97
74) Fluoranthene	12.57	202	660848	56.31	nq	97
76) Benzidine	12.68	184	344559	63.37	nq	100
77) Pyrene	12.80	202	633073	61.24	nq	99
79) Butylbenzylphthalate	13.41	149	330417	72.20	nq	# 82
80) Benzo(a)anthracene	13.99	228	528839	59.38	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	194977	59.61	nq	# 95
82) Chrysene	14.02	228	485630m	59.19	nq	
83) Bis(2-ethylhexyl)phthalate	13.97	149	412546	62.12	nq	# 96
84) Di-n-octyl phthalate	14.58	149	600599	59.56	nq	98
85) Indeno(1,2,3-cd)pyrene	16.83	276	440547	64.59	nq	99
87) Benzo(b)fluoranthene	15.01	252	408027m	55.91	nq	
88) Benzo(k)fluoranthene	15.04	252	402184m	57.78	nq	
89) Benzo(a)pyrene	15.37	252	395458	58.47	nq	99
90) Dibenzo(a,h)anthracene	16.84	278	369405	68.22	nq	96
91) Benzo(g,h,i)perylene	17.25	276	392641	72.46	nq	99

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

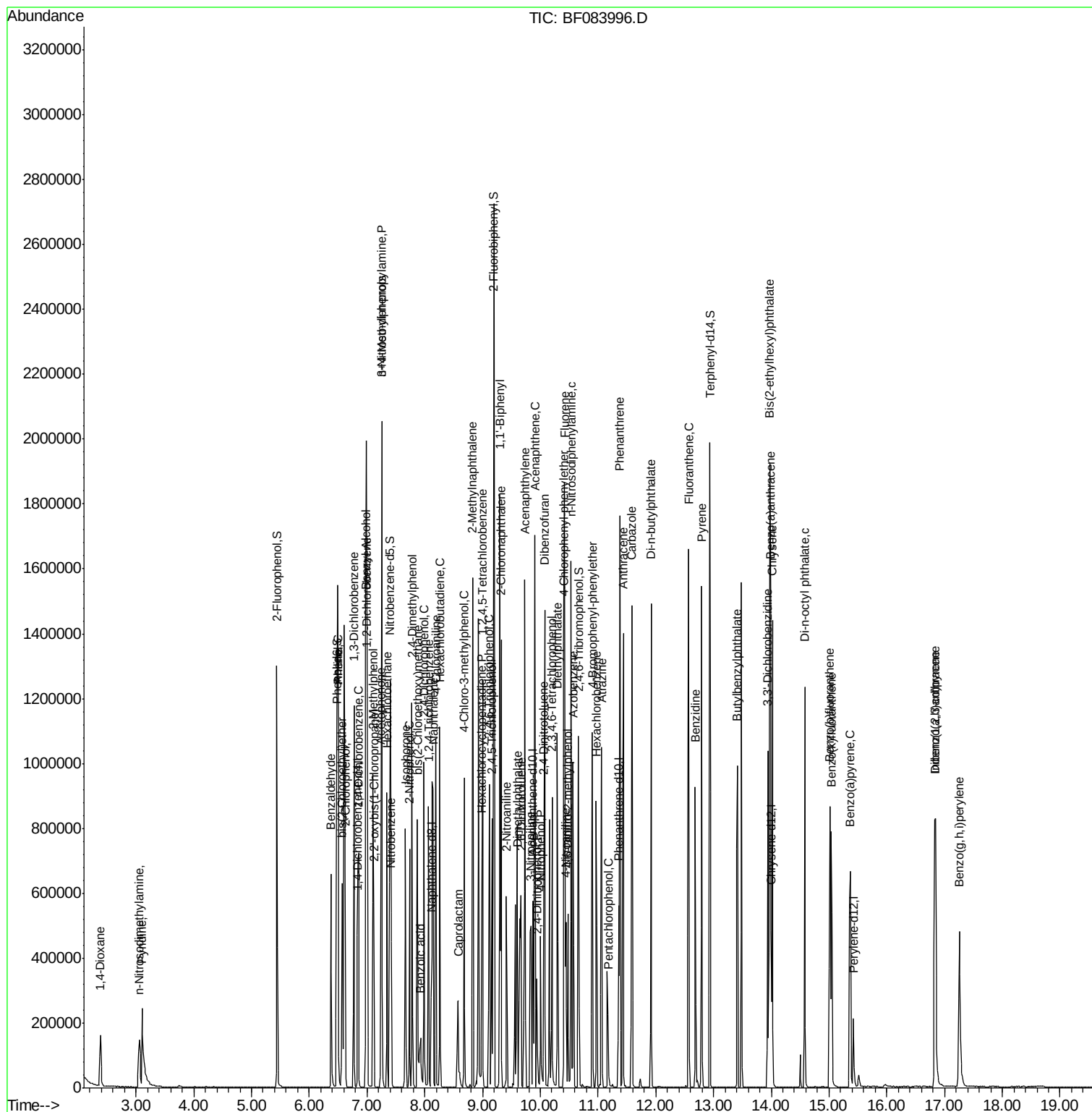
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF083996.D
Acq On    : 22 Dec 2015   17:12
Operator  : UM/SJ
Sample    : SSTDICC060
Misc      :
ALS Vial  : 7      Sample Multiplier: 1
```

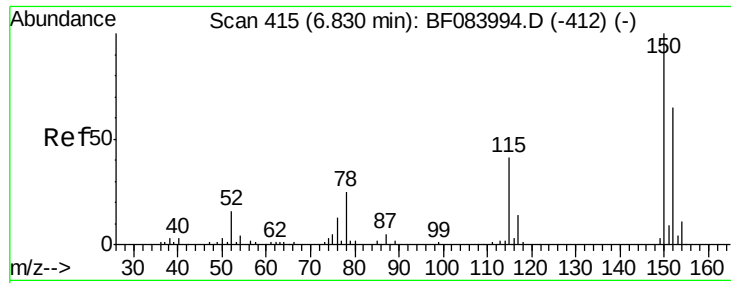
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

apatel
12/23/2015 4:26:53 PM

Quant Time: Dec 22 18:34:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 17:16:30 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

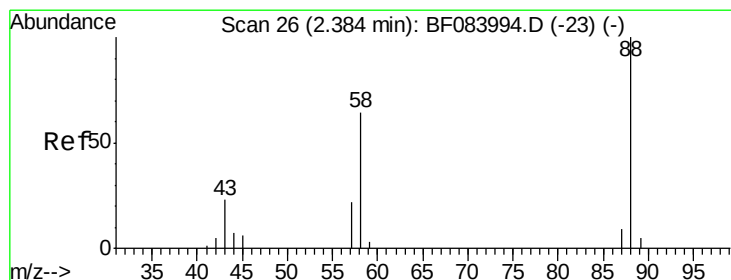
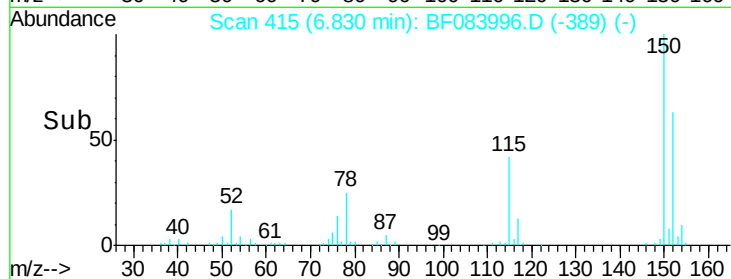
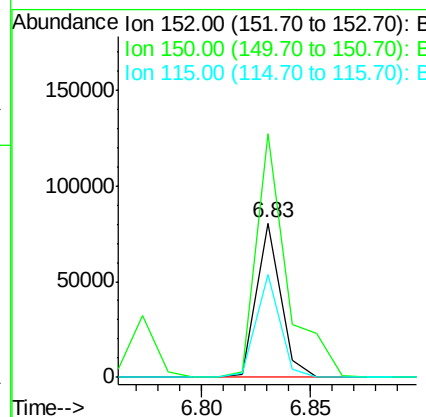
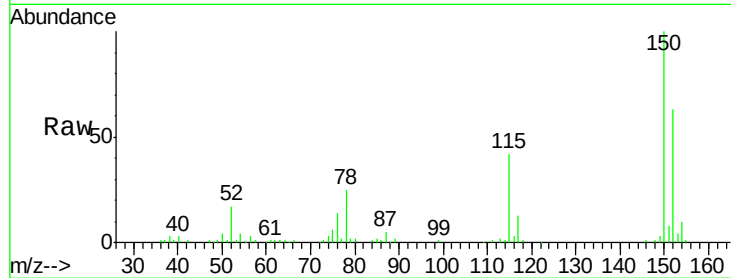
ClientSampleId :

SSTDIC060

Tot Ion:	152	Resp:	62483
Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.0	184.4
115	66.5	51.4	77.2

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#2

1,4-Dioxane

Concen: 51.20 ng

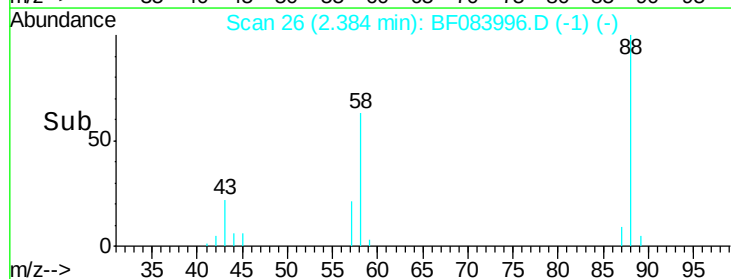
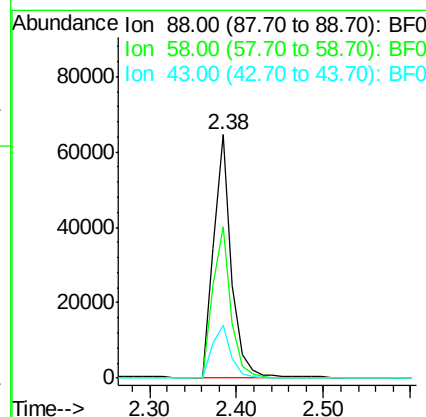
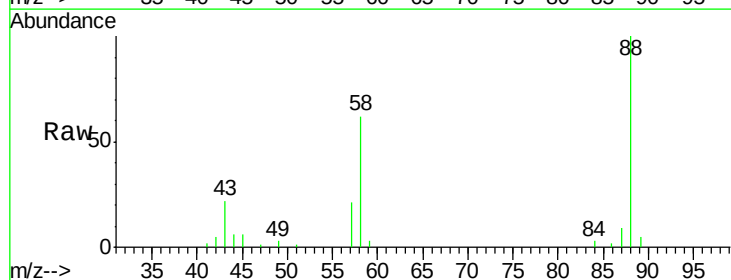
RT: 2.38 min Scan# 26

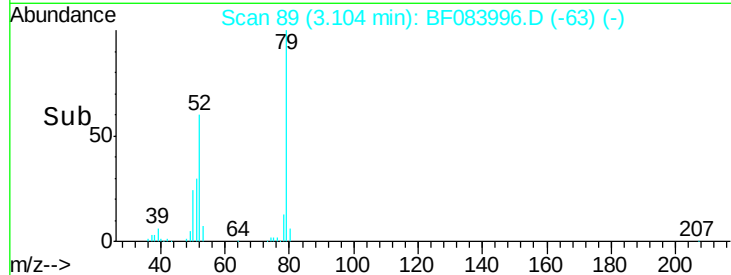
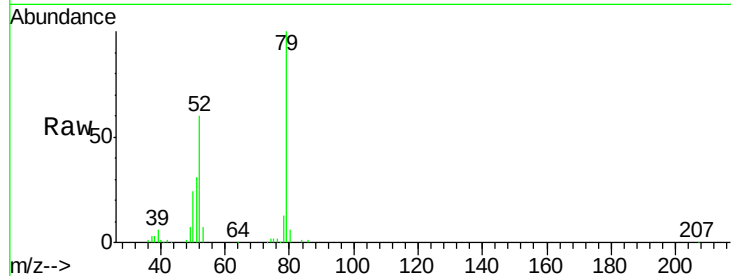
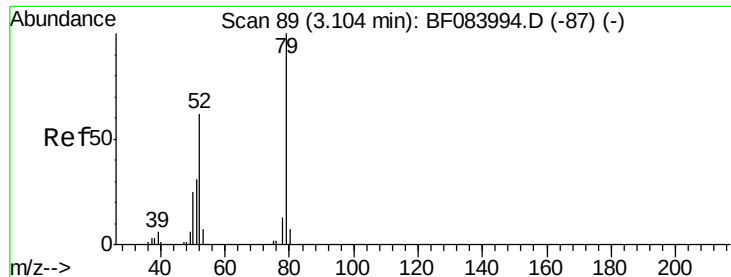
Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:	88	Resp:	93030
Ion	Ratio	Lower	Upper
88	100		
58	61.9	51.2	76.8
43	22.4	19.5	29.3





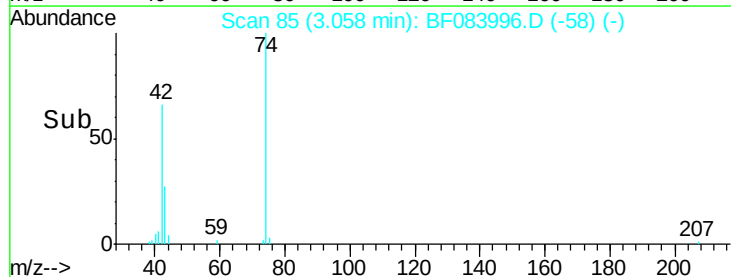
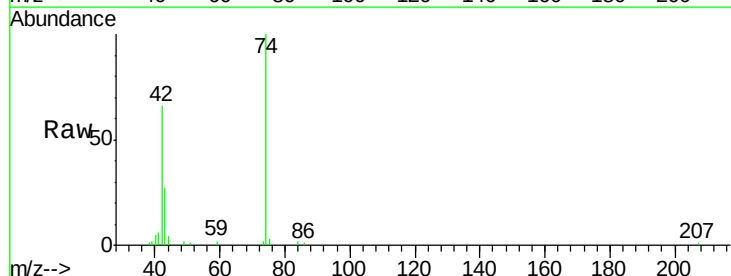
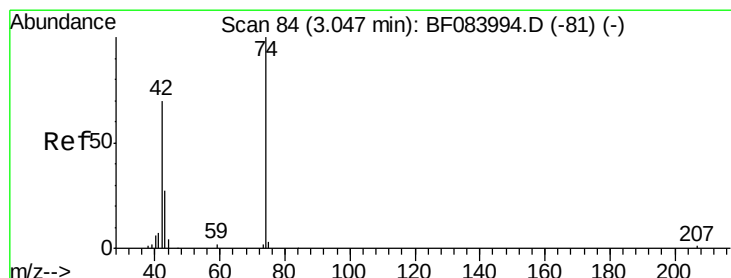
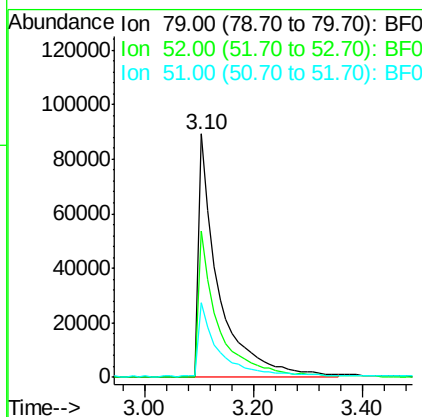
#3
 Pvridine
 Concen: 60.78 ng
 RT: 3.10 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tot Ion:	79	Resp:	228142
Ion Ratio	Lower	Upper	
79	100		
52	59.9	49.0	73.4
51	30.7	25.2	37.8

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

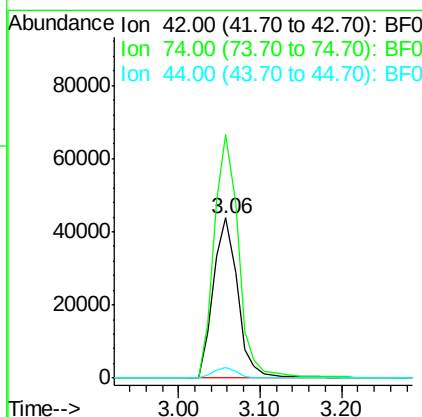
Manual Integrations
 APPROVED

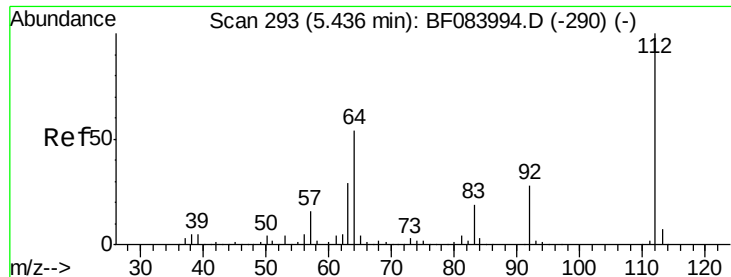
apatel
 12/23/2015 4:26:53 PM



#4
 n-Nitrosodimethylamine
 Concen: 62.21 ng
 RT: 3.06 min Scan# 85
 Delta R.T. 0.01 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tgt Ion:	42	Resp:	91426
Ion Ratio	Lower	Upper	
42	100		
74	152.2	115.7	173.5
44	6.8	5.1	7.7





#5

2-Fluorophenol

Concen: 50.36 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

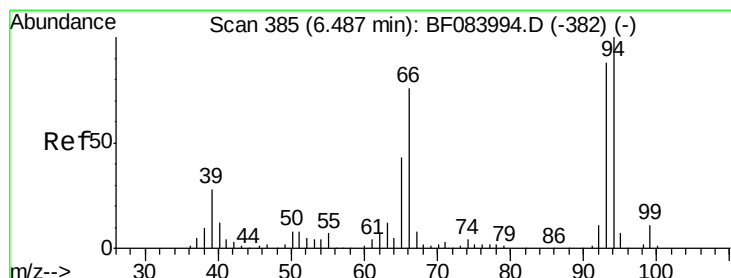
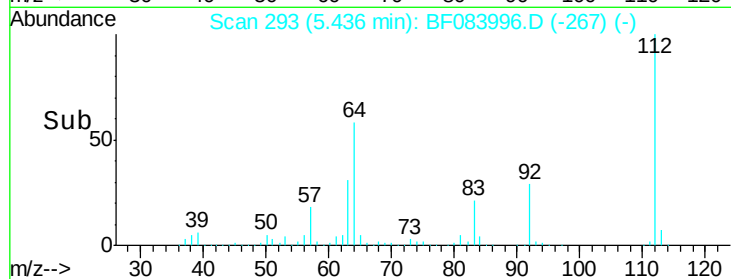
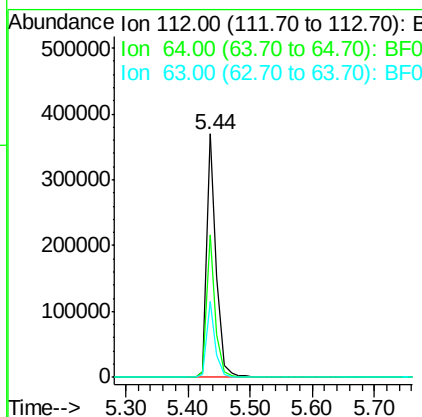
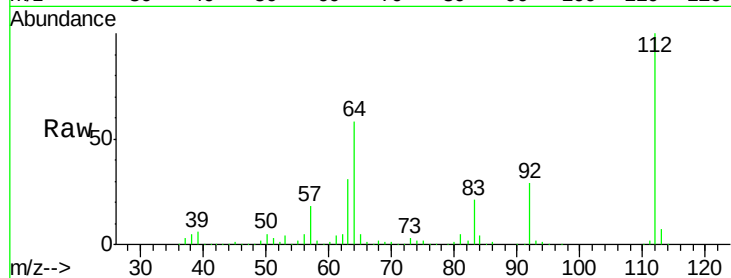
ClientSampleId :

SSTDICC060

Tot Ion:	112	Resp:	388270
Ion Ratio	Lower	Upper	
112	100		
64	58.4	36.6	55.0#
63	31.3	19.4	29.0#

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#6

Aniline

Concen: 54.54 ng

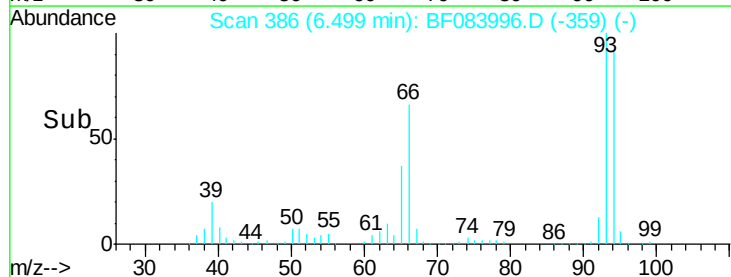
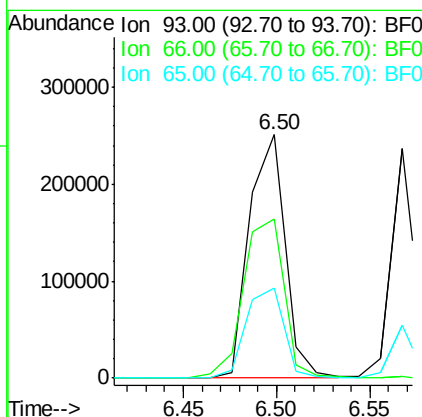
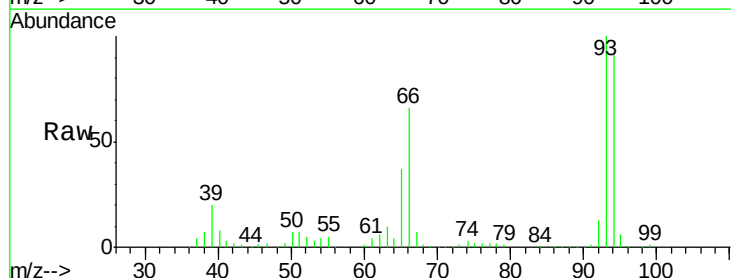
RT: 6.50 min Scan# 386

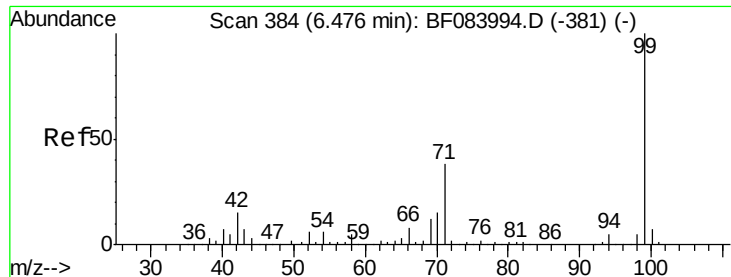
Delta R.T. 0.01 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:	93	Resp:	335300
Ion Ratio	Lower	Upper	
93	100		
66	65.6	44.9	67.3
65	37.1	23.7	35.5#





#7

Phenol-d6

Concen: 56.41 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

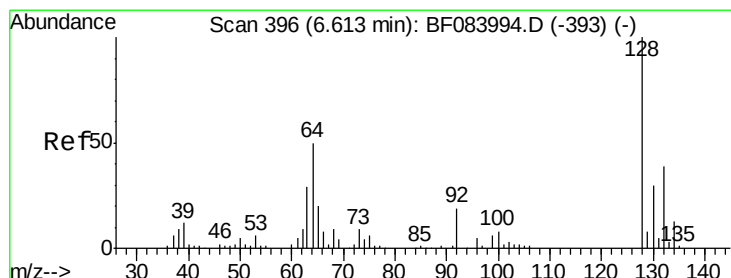
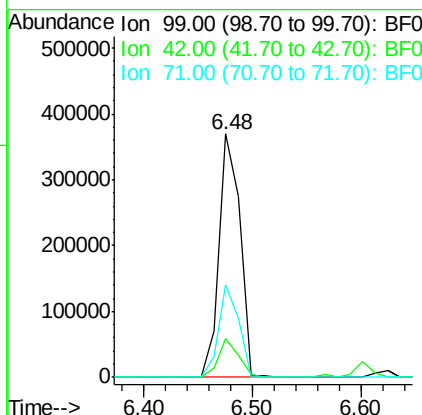
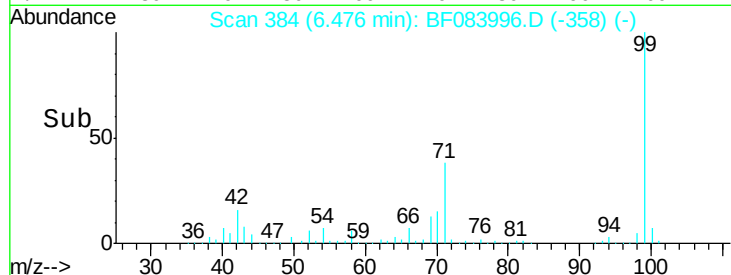
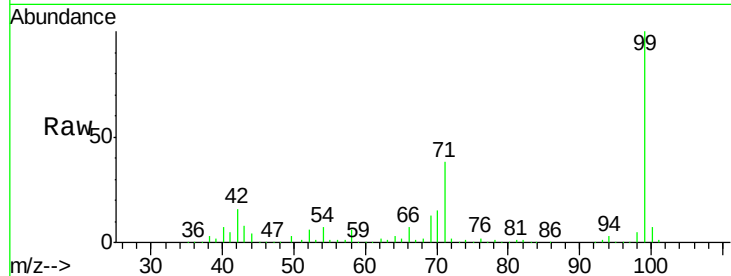
ClientSampleId :

SSTDICC060

Tot Ion:	99	Resp:	495728
Ion Ratio	Lower	Upper	
99	100		
42	16.0	12.8	19.2
71	38.1	30.9	46.3

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#8

2-Chlorophenol

Concen: 53.90 ng

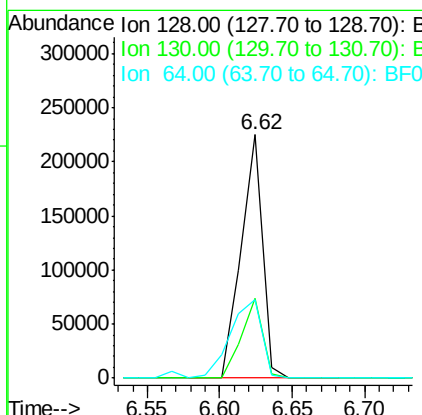
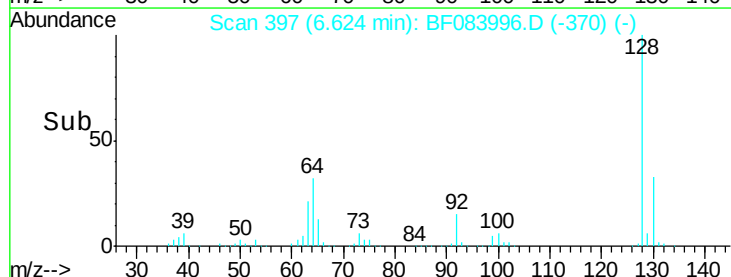
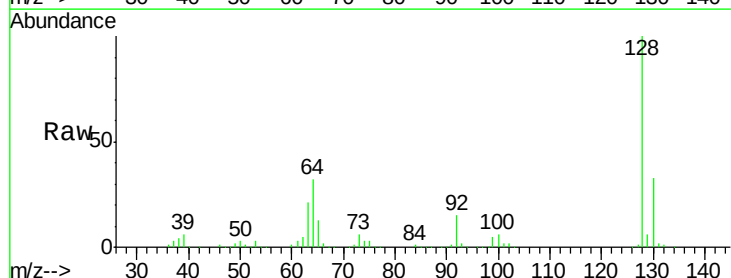
RT: 6.62 min Scan# 397

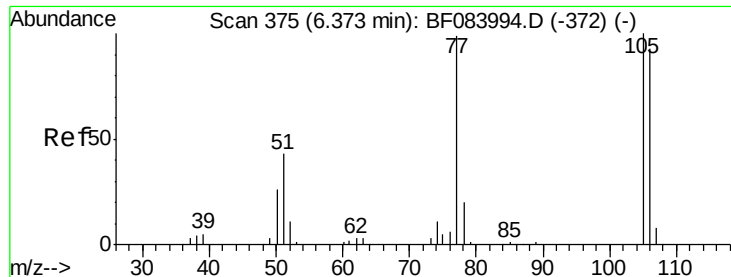
Delta R.T. 0.01 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:	128	Resp:	231307
Ion Ratio	Lower	Upper	
128	100		
130	32.6	11.6	51.6
64	32.1	23.8	63.8





#9

Benzaldehyde

Concen: 53.74 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

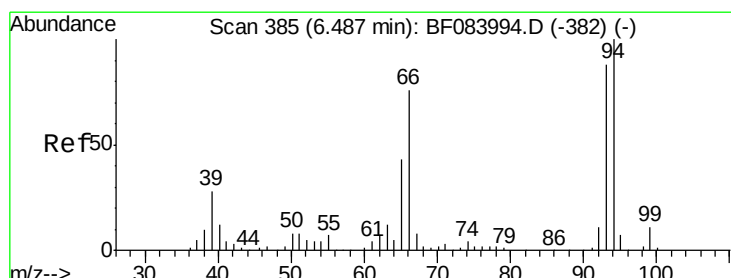
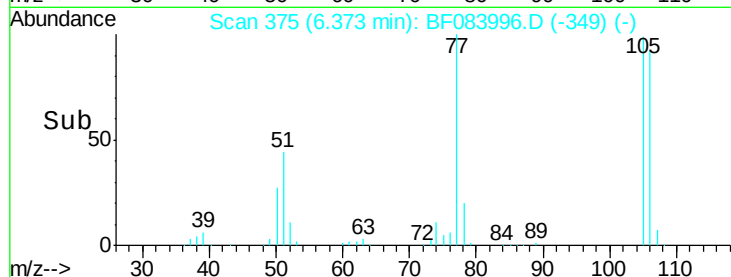
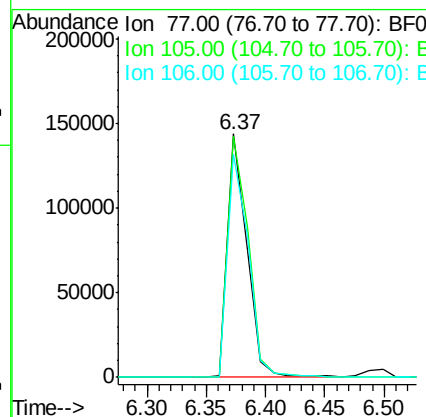
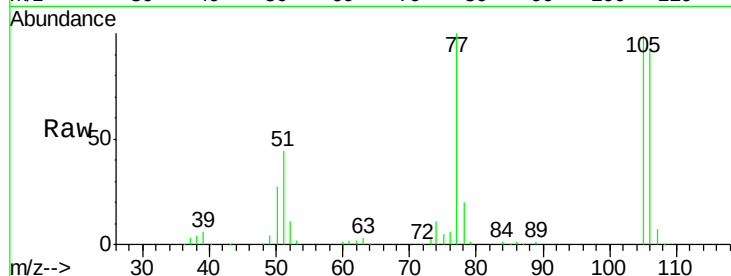
ClientSampleId :

SSTDIC060

Tot Ion:	77	Resp:	161614
Ion Ratio	Lower	Upper	
77	100		
105	98.8	83.0	123.0
106	91.5	74.6	114.6

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#10

Phenol

Concen: 53.49 ng

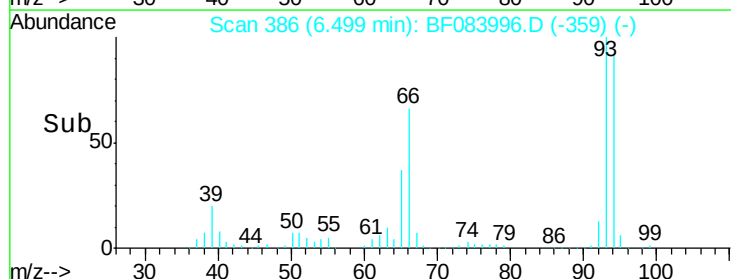
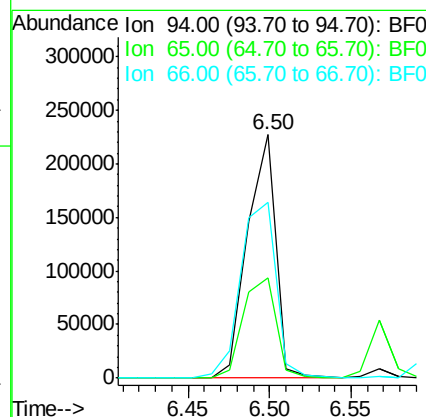
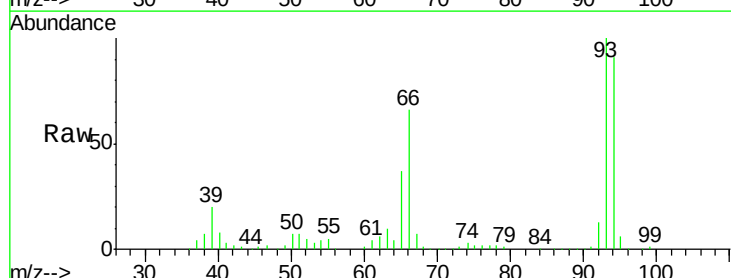
RT: 6.50 min Scan# 386

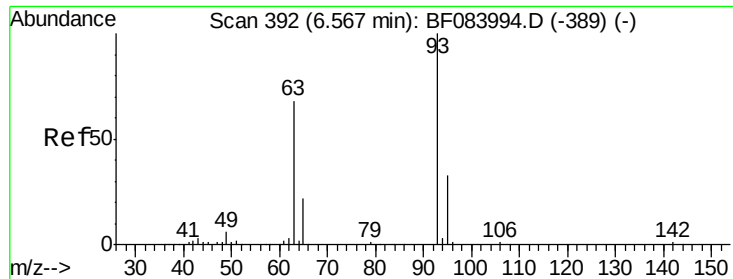
Delta R.T. 0.01 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:	94	Resp:	273673
Ion Ratio	Lower	Upper	
94	100		
65	41.0	12.9	52.9
66	72.4	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 53.94 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

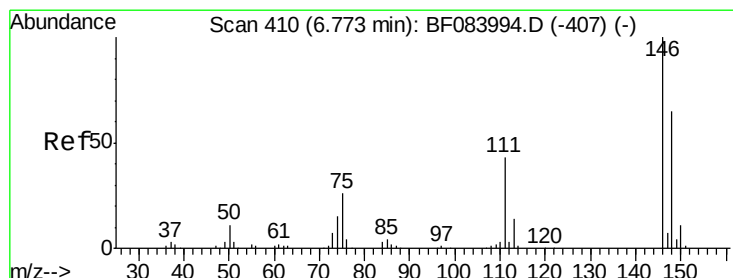
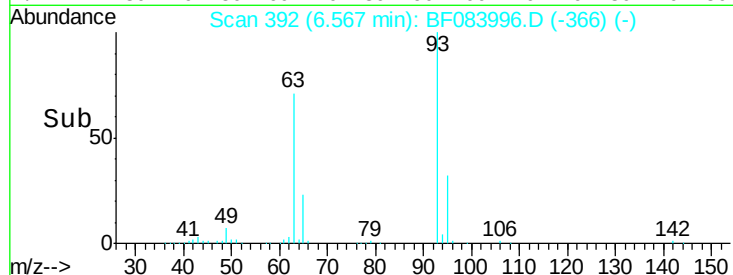
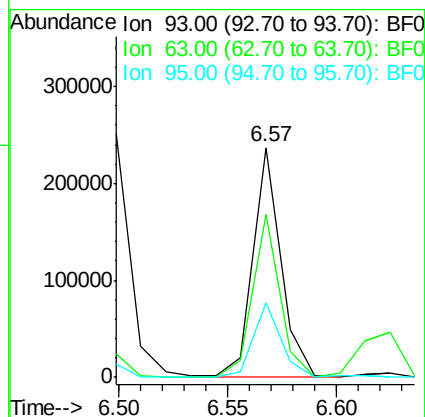
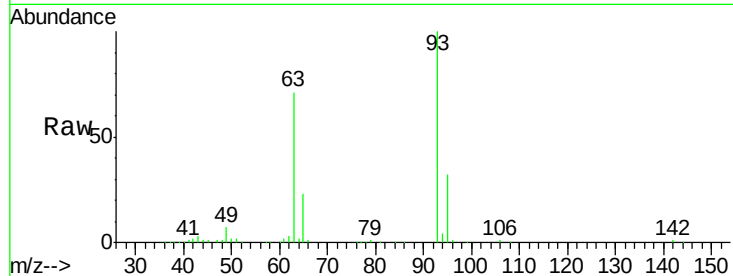
ClientSampleId :

SSTDIC060

Tot Ion:	93	Resp:	210027
Ion	Ratio	Lower	Upper
93	100		
63	70.8	45.9	85.9
95	32.3	12.3	52.3

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#12

1,3-Dichlorobenzene

Concen: 56.70 ng

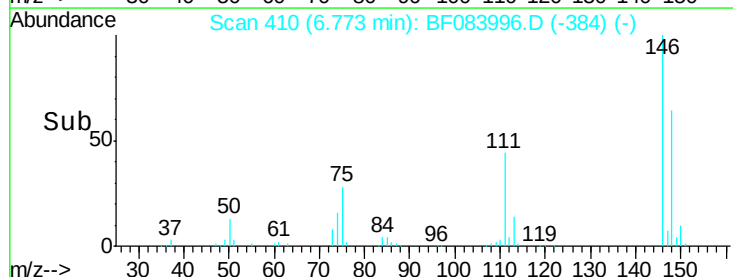
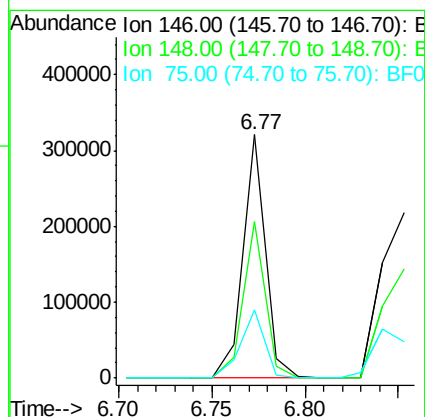
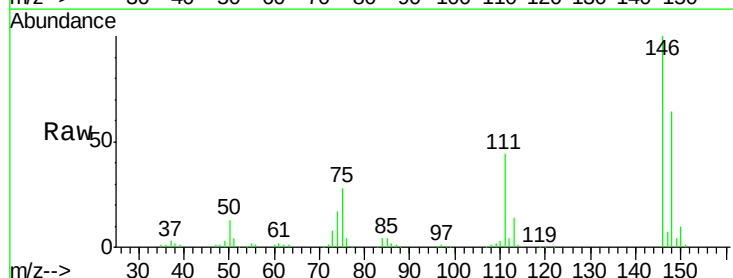
RT: 6.77 min Scan# 410

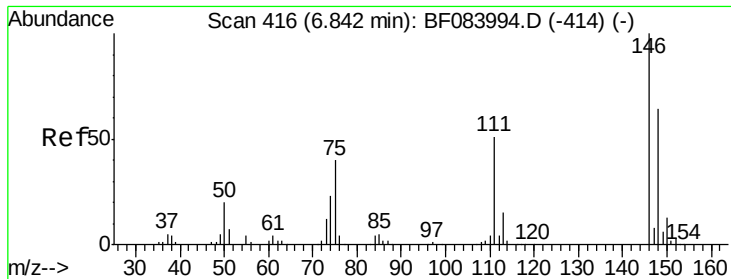
Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:	146	Resp:	270042
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	28.3	20.5	30.7





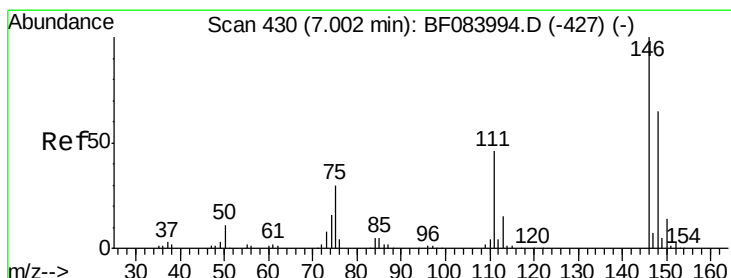
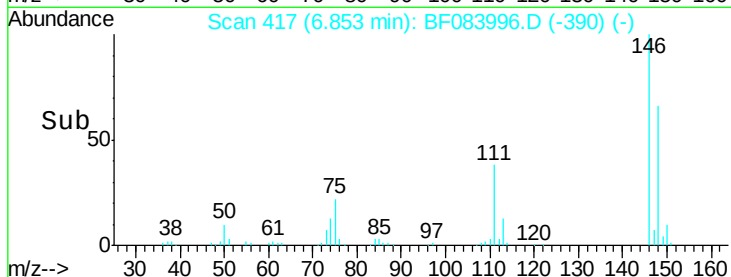
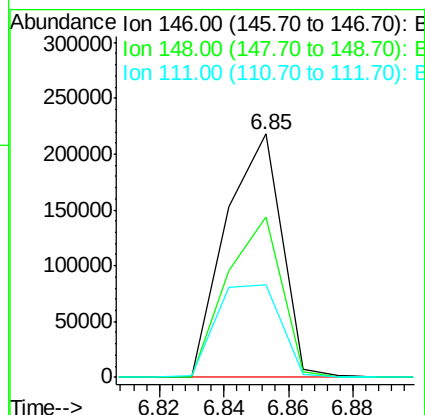
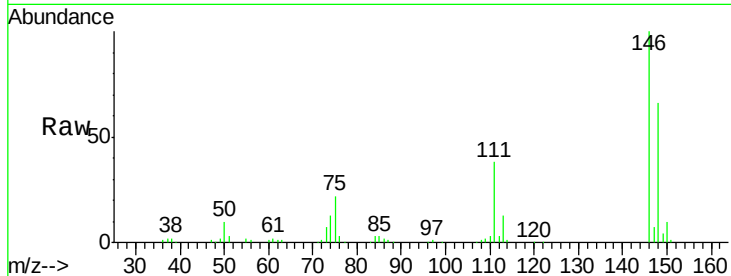
#13
 1,4-Dichlorobenzene
 Concen: 56.30 ng/mL
 RT: 6.85 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
111	38.2	41.6	62.4

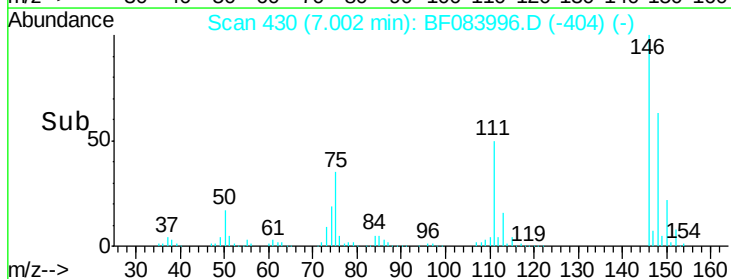
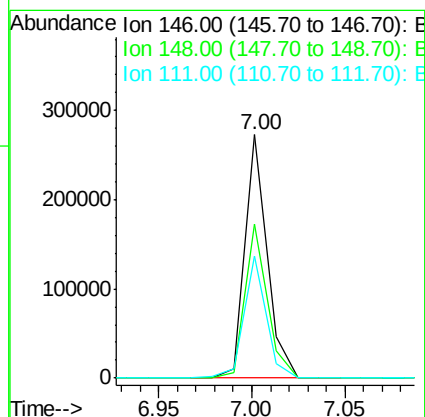
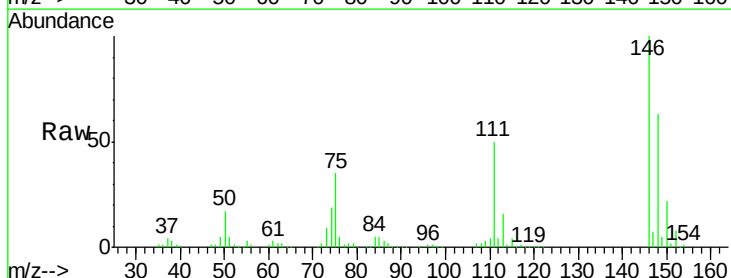
Manual Integrations
 APPROVED

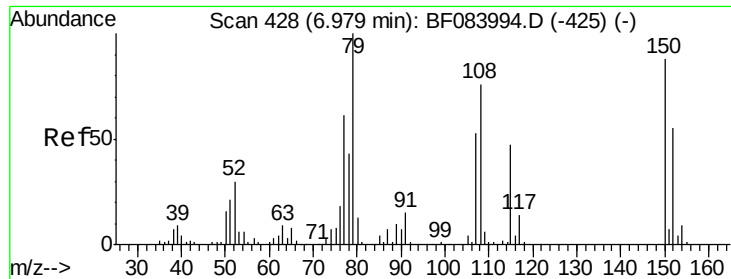
apatel
 12/23/2015 4:26:53 PM



#14
 1,2-Dichlorobenzene
 Concen: 48.89 ng/mL
 RT: 7.00 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	50.1	38.0	57.0





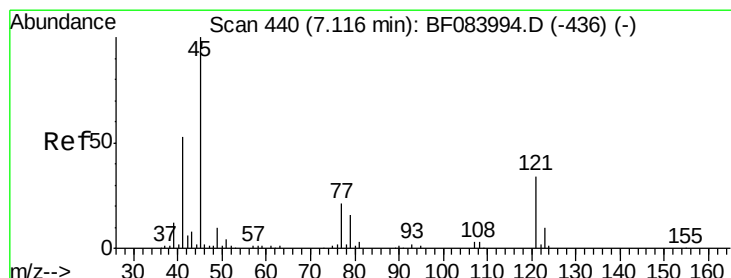
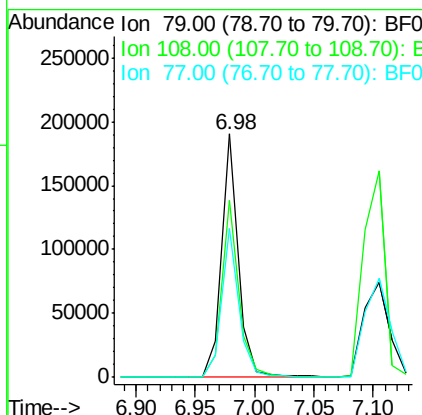
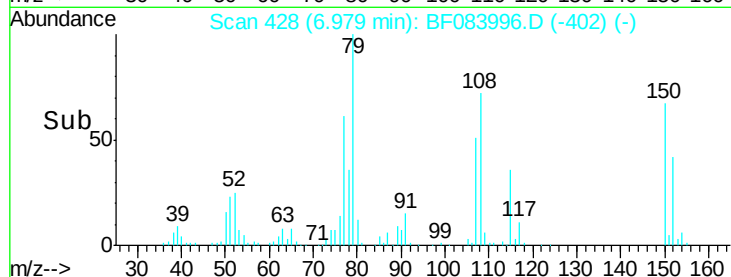
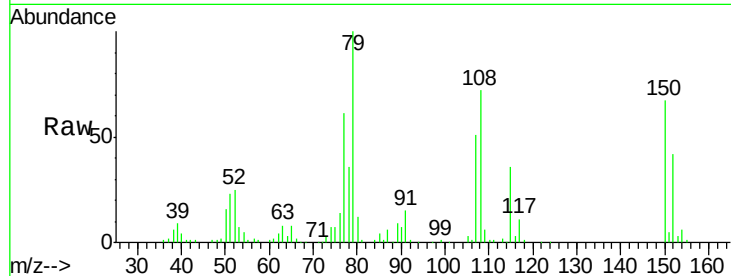
#15
Benzyl Alcohol
Concen: 53.56 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.5	69.0	103.4
77	61.2	50.0	75.0

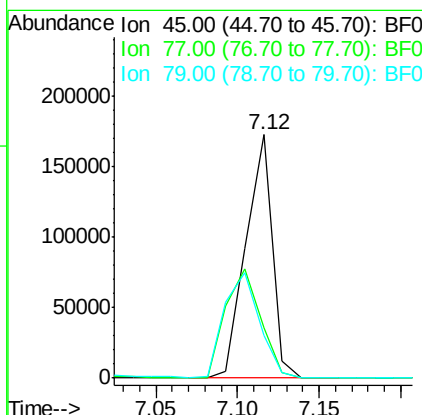
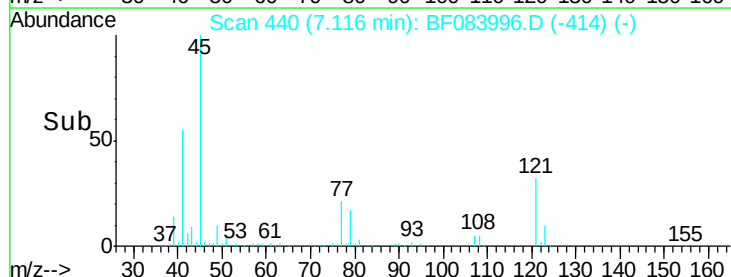
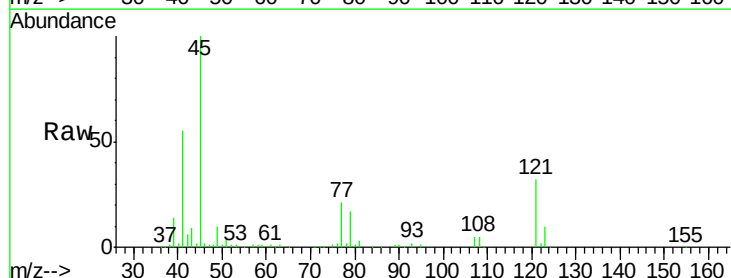
Manual Integrations
APPROVED

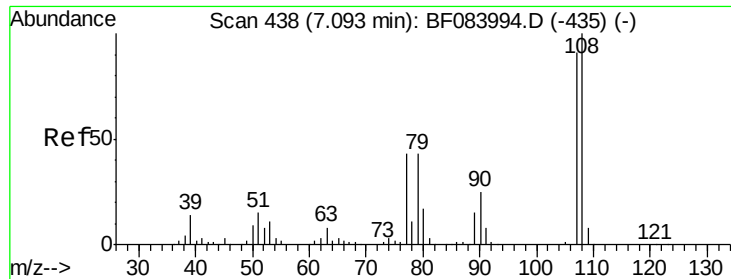
apatel
12/23/2015 4:26:53 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 50.74 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.9	0.0	39.6
79	17.3	0.0	35.0





#17

2-Methylphenol

Concen: 51.97 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

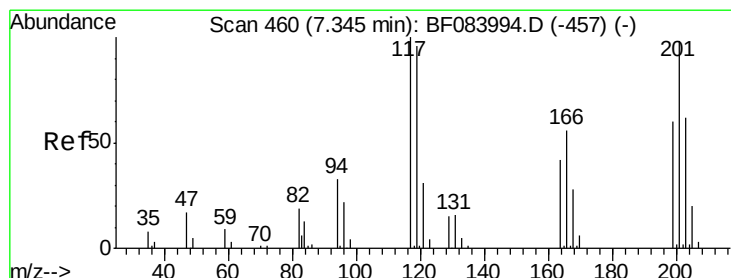
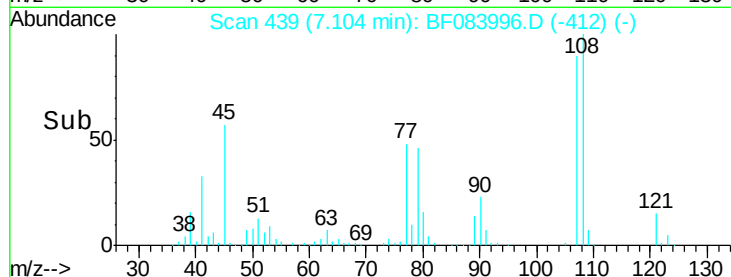
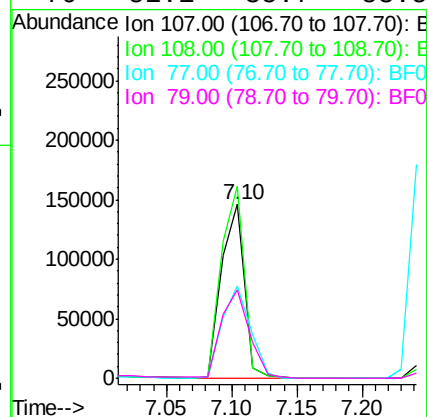
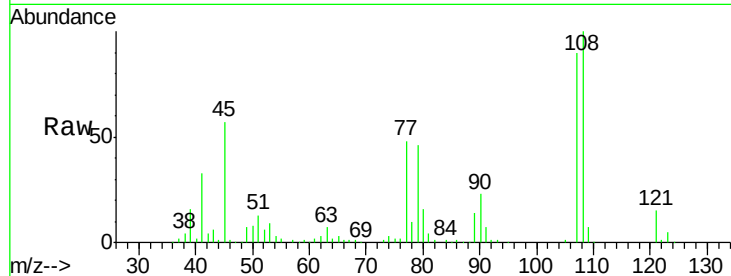
ClientSampleId :

SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	179125		
108	110.8	89.8	134.6		
77	53.1	35.7	53.5		
79	51.1	35.7	53.5		

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#18

Hexachloroethane

Concen: 57.24 ng

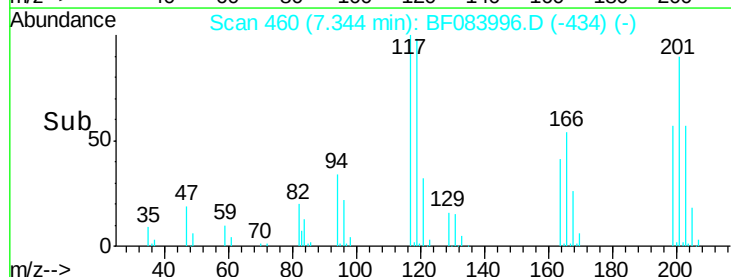
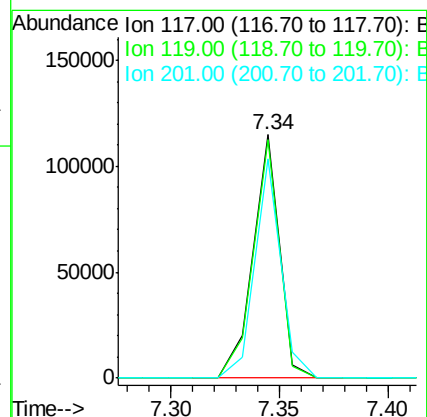
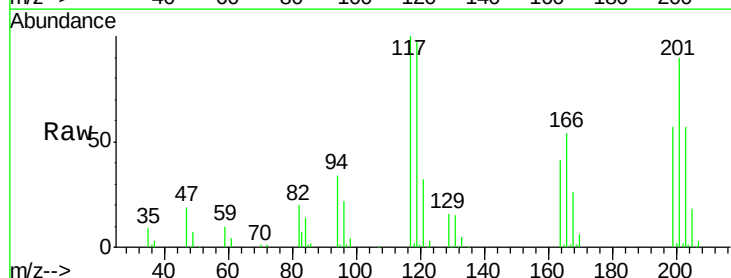
RT: 7.34 min Scan# 460

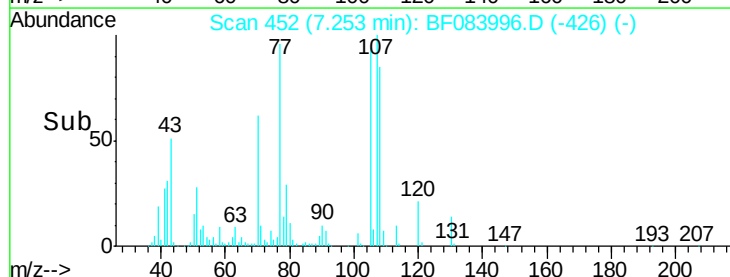
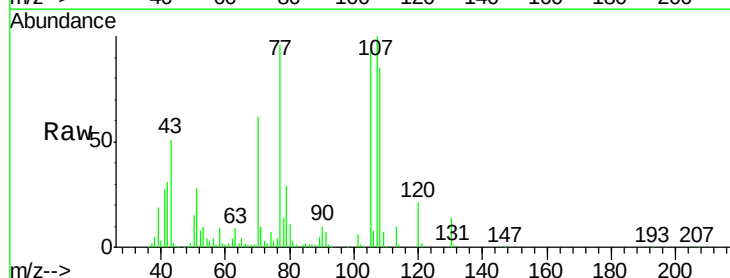
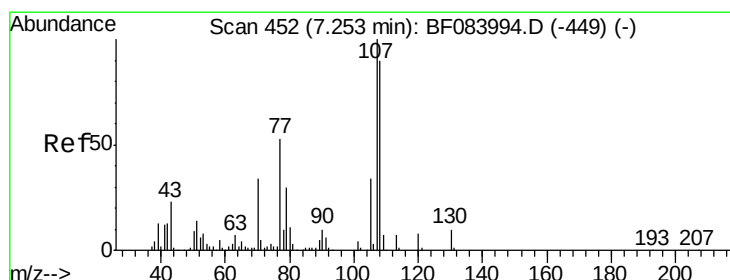
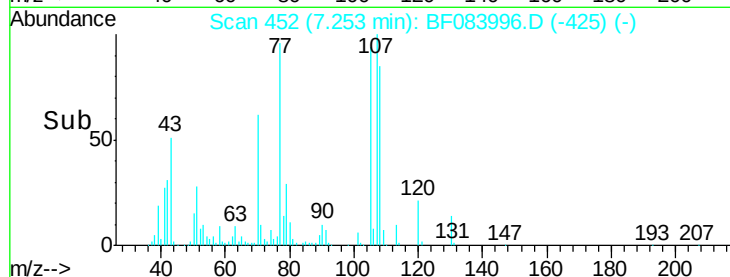
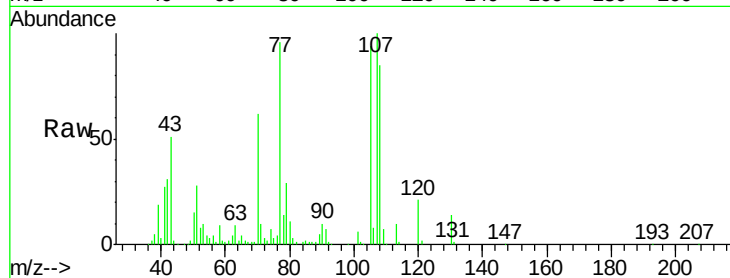
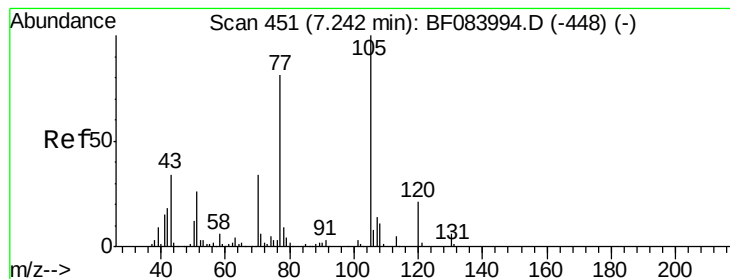
Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	97026		
119	97.7	77.4	116.0		
201	90.2	68.6	103.0		





#19

n-Nitroso-di-n-propylamine

Concen: 54.66 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.01 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 70 Resp: 144108

Ion Ratio Lower Upper

70 100

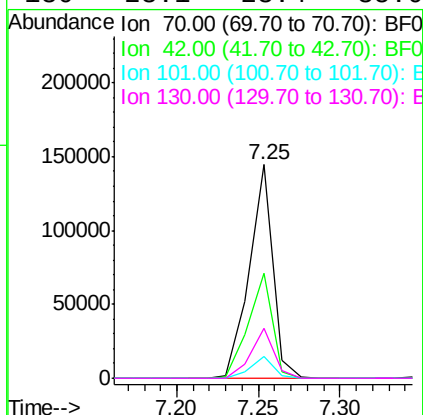
42 49.4 33.3 49.9

101 10.0 9.3 13.9

130 23.1 23.4 35.0#

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#20

3+4-Methylphenols

Concen: 51.65 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion: 107 Resp: 220550

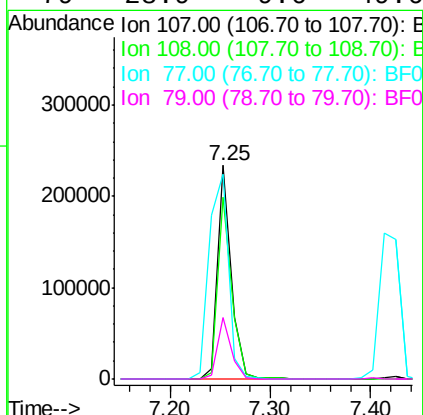
Ion Ratio Lower Upper

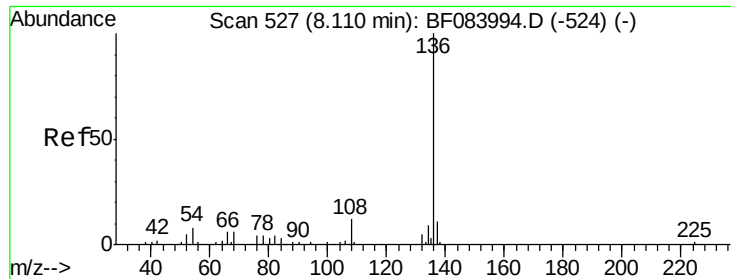
107 100

108 85.0 64.1 104.1

77 95.9 128.9 168.9#

79 28.9 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:136 Resp: 227478
Ion Ratio Lower Upper

136 100

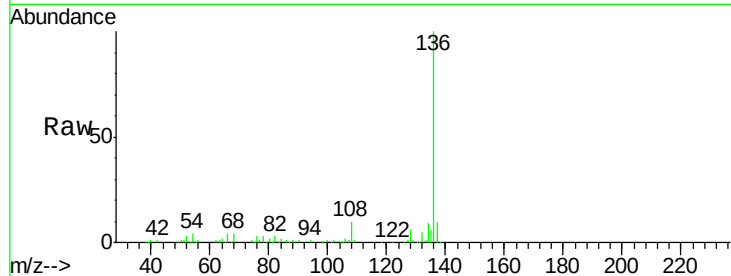
137 10.3 8.7 13.1

54 4.4 5.8 8.8#

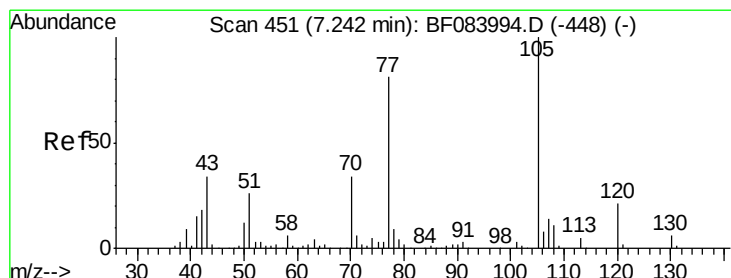
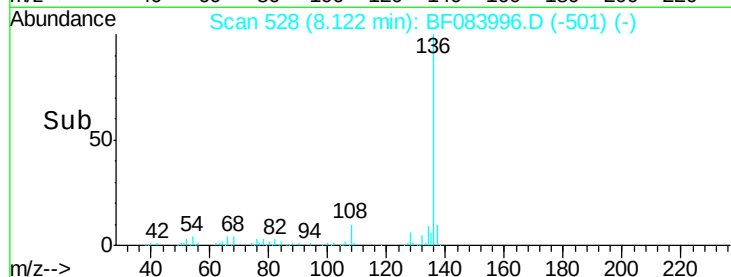
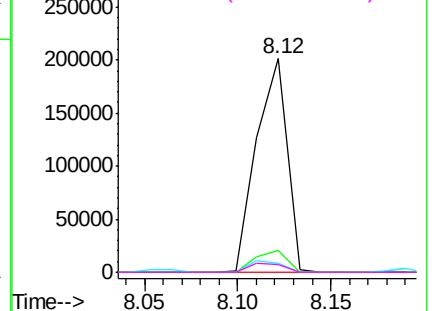
68 3.8 4.2 6.2#

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 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: 57.18 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

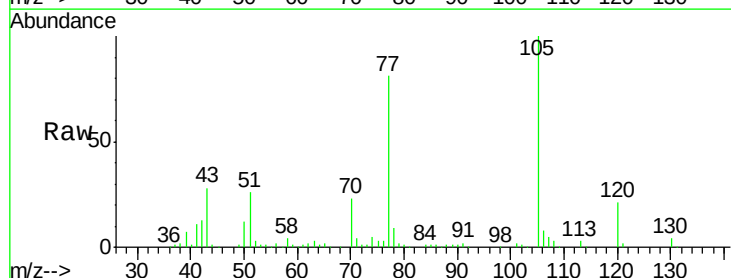
Tgt Ion:105 Resp: 311936
Ion Ratio Lower Upper

105 100

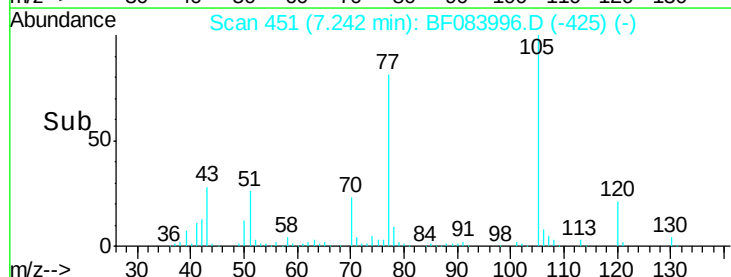
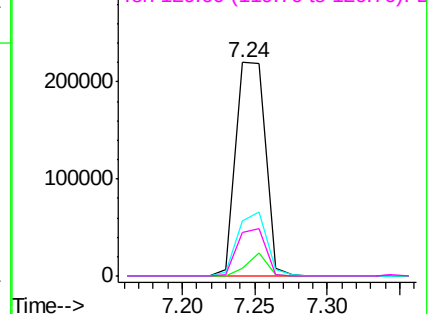
71 3.9 3.7 5.5

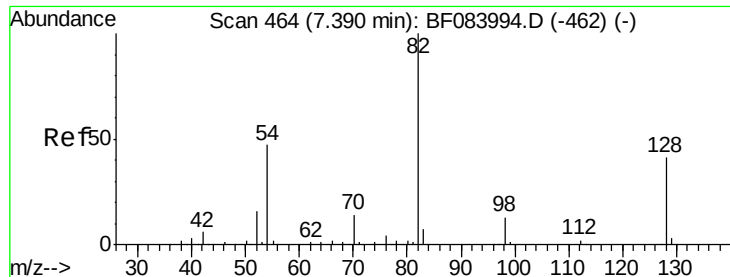
51 25.9 25.1 37.7

120 20.7 16.6 25.0



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





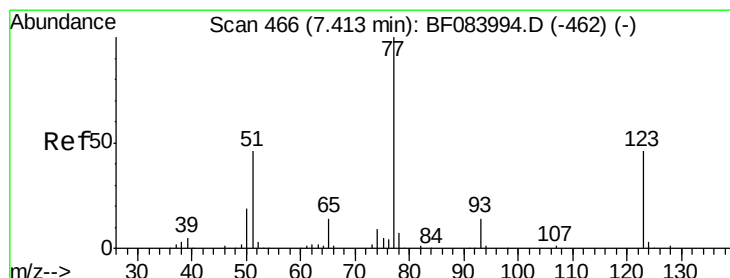
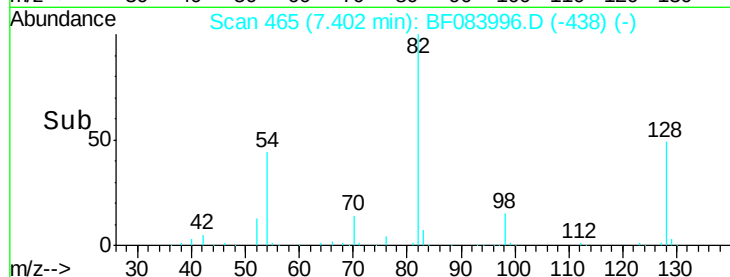
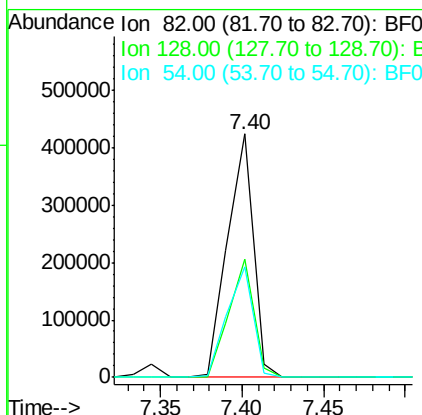
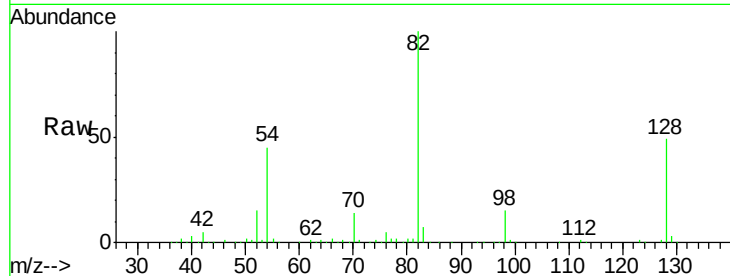
#23
 Nitrobenzene-d5
 Concen: 61.95 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.6	51.8
54	45.1	38.4	57.6

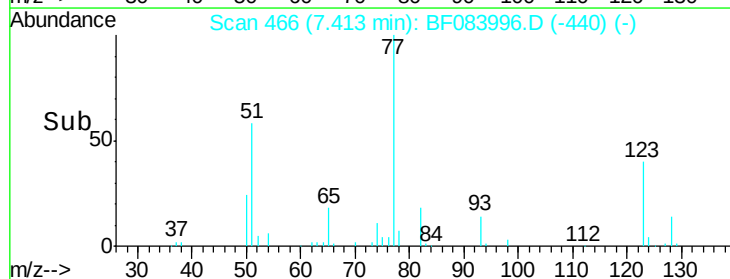
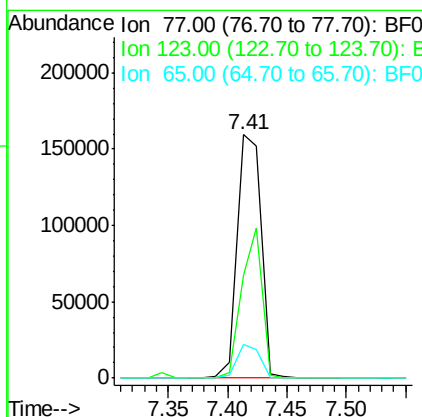
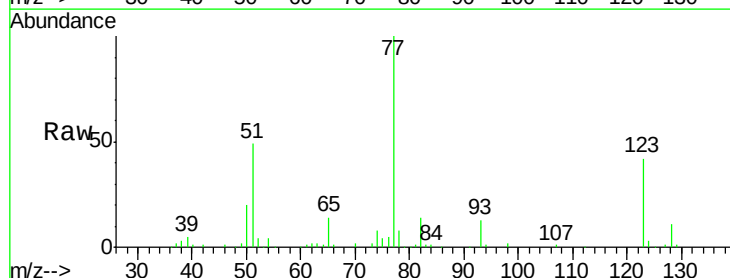
Manual Integrations
 APPROVED

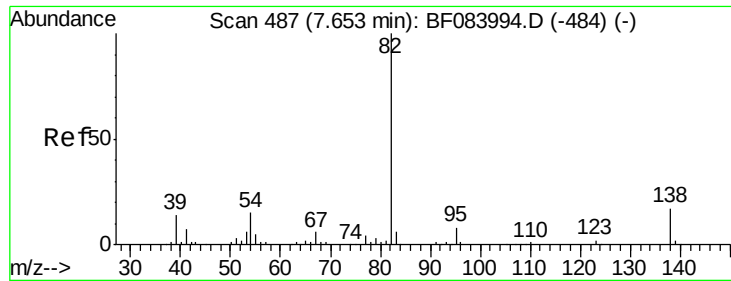
apatel
 12/23/2015 4:26:53 PM



#24
 Nitrobenzene
 Concen: 58.66 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	37.4	56.2
65	13.9	10.9	16.3





#25

Isophorone

Concen: 63.21 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

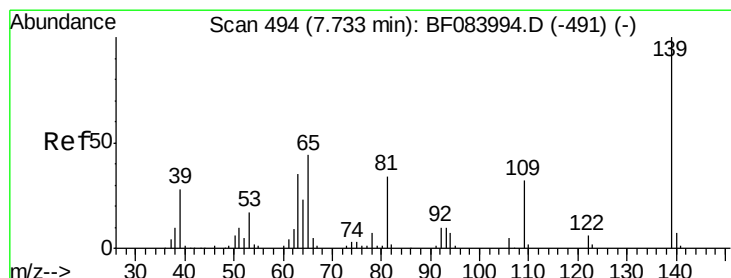
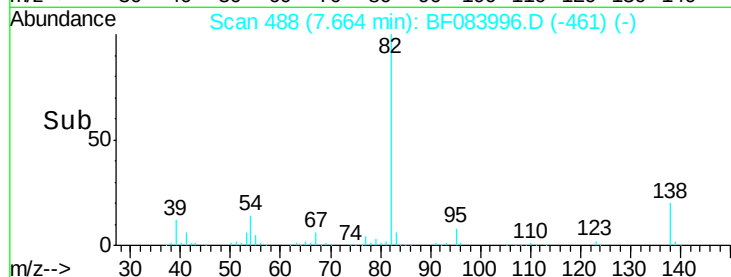
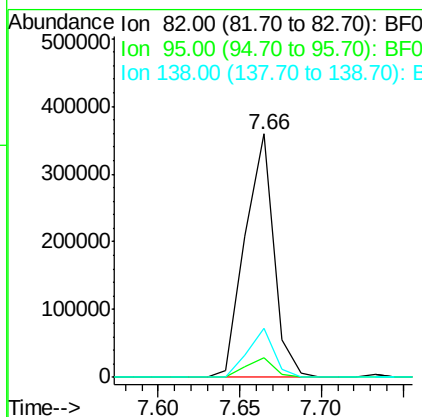
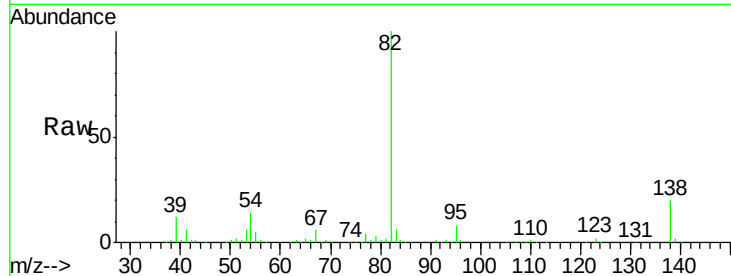
ClientSampleId :

SSTDIC060

Tot Ion:	82	Resp:	440403
Ion Ratio		Lower	Upper
82	100		
95	8.2	6.6	10.0
138	20.0	13.6	20.4

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#26

2-Nitrophenol

Concen: 59.43 ng

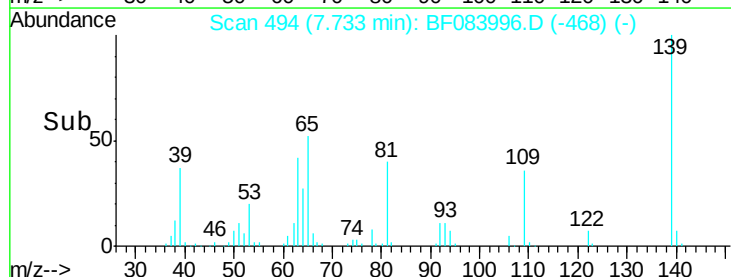
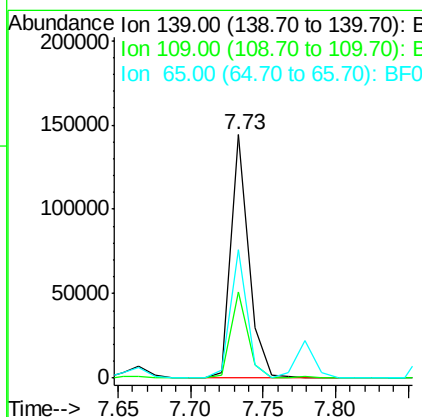
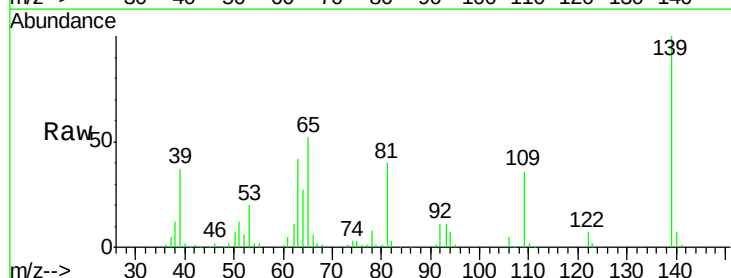
RT: 7.73 min Scan# 494

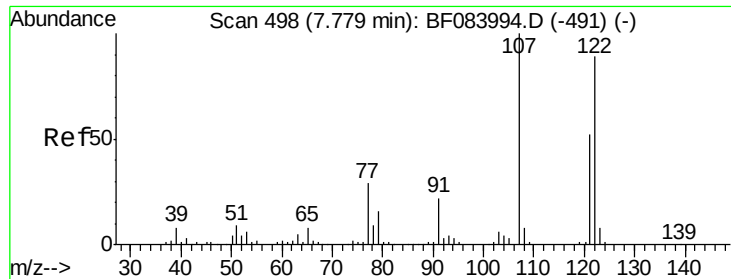
Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:	139	Resp:	123906
Ion Ratio		Lower	Upper
139	100		
109	35.6	25.4	38.2
65	52.5	32.3	48.5#





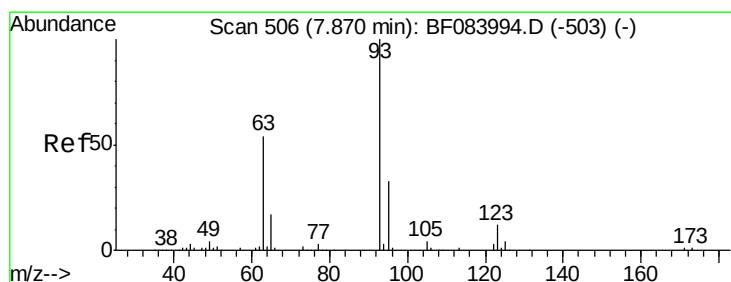
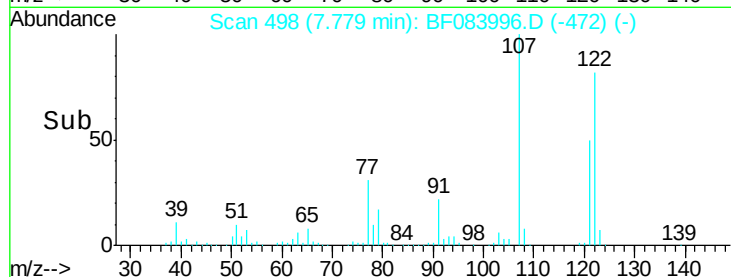
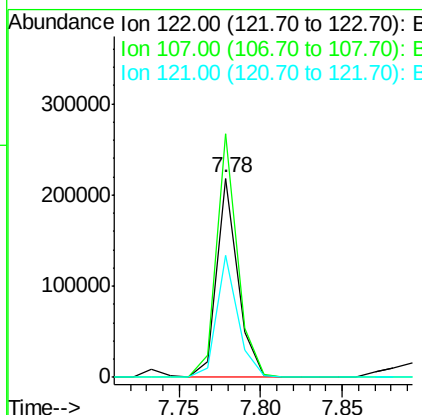
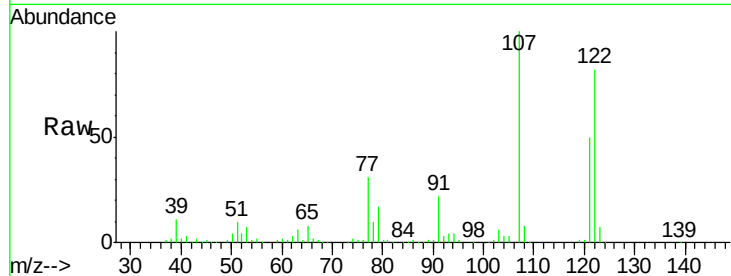
#27
 2,4-Dimethylphenol
 Concen: 53.91 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
122	100	199031		
107	122.3	99.1	148.7	
121	61.0	47.9	71.9	

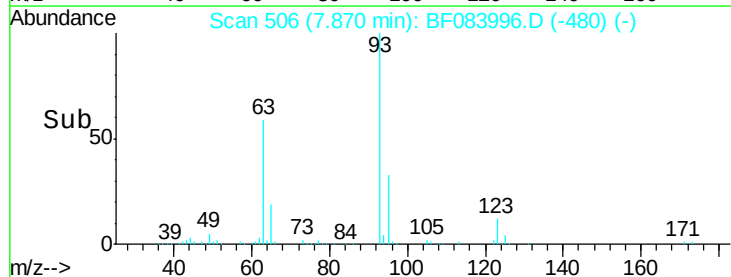
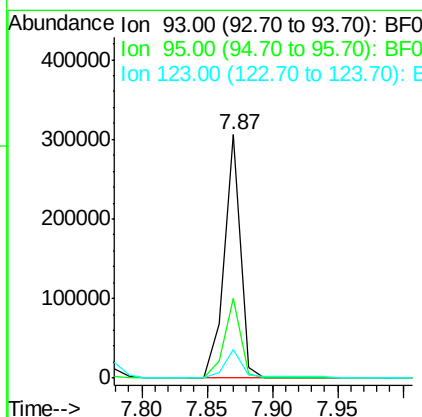
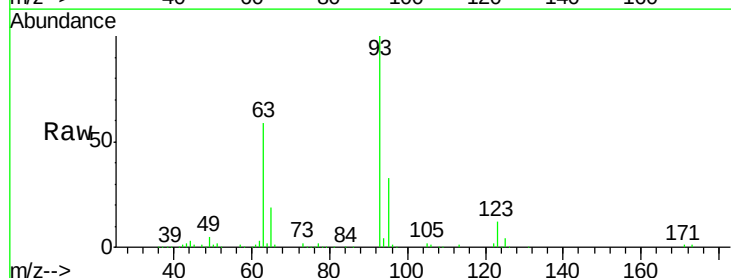
Manual Integrations
 APPROVED

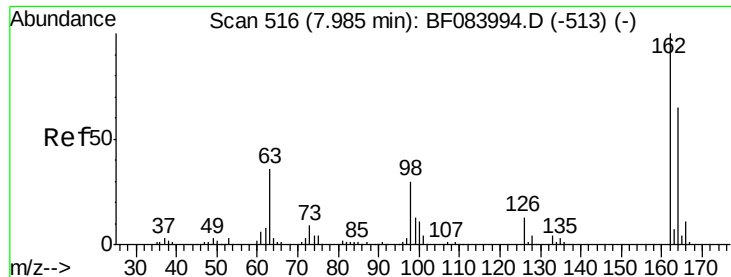
apatel
 12/23/2015 4:26:53 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 60.35 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	266872		
95	32.7	25.8	38.6	
123	11.7	8.6	12.8	





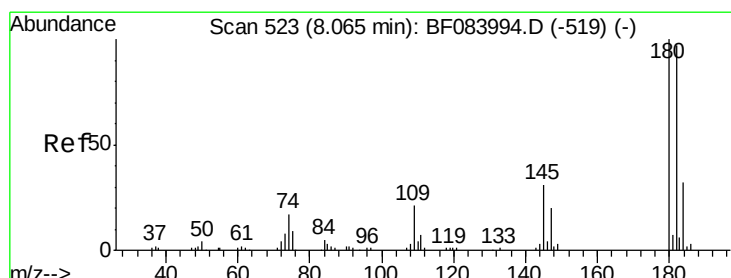
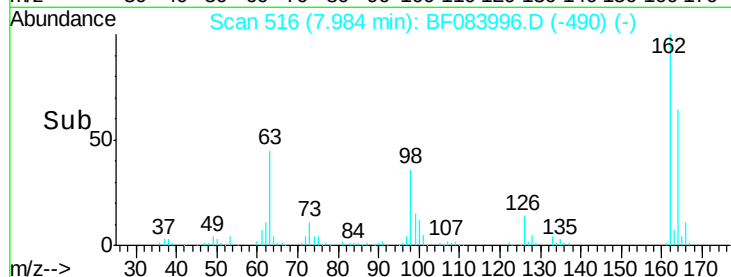
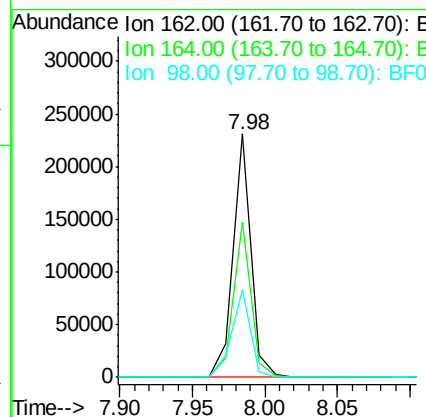
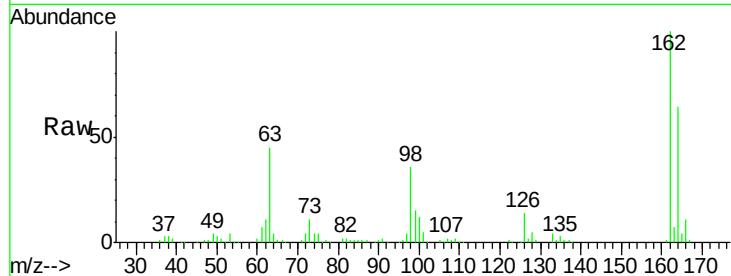
#29
 2,4-Dichlorophenol
 Concen: 61.62 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
162	100	197952		
164	63.7	44.1	84.1	
98	35.7	20.2	60.2	

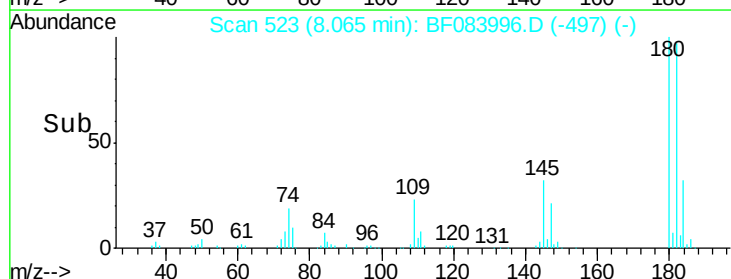
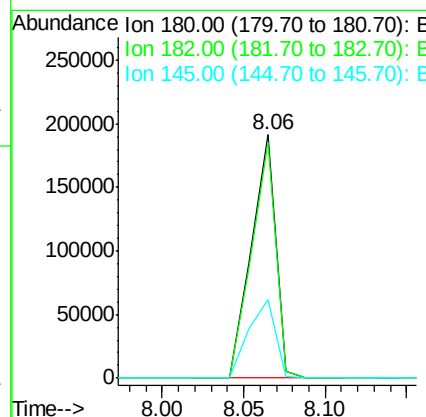
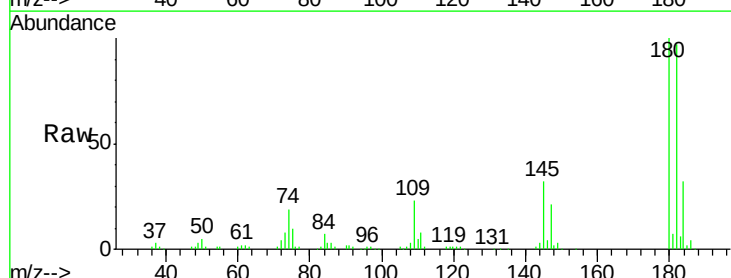
Manual Integrations
 APPROVED

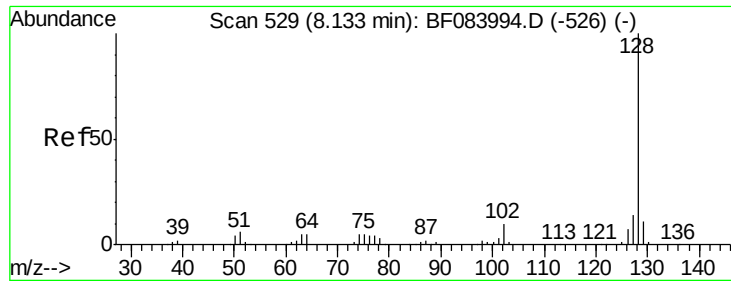
apatel
 12/23/2015 4:26:53 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 58.73 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	197511		
182	97.1	76.4	114.6	
145	32.4	31.6	47.4	





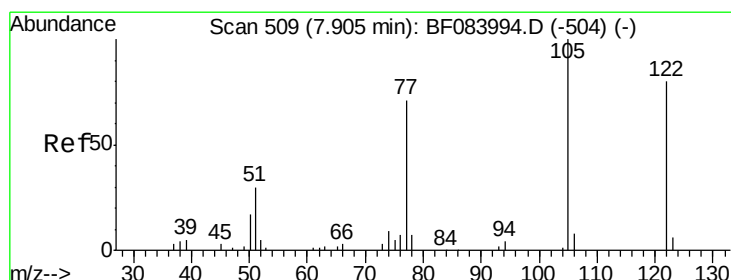
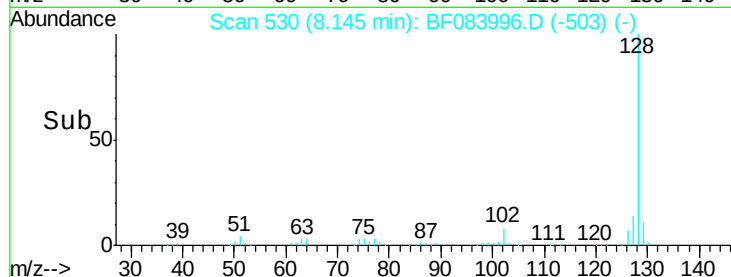
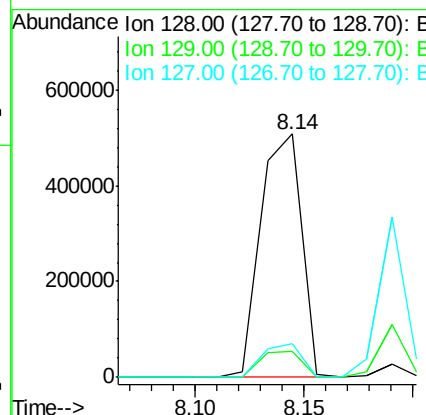
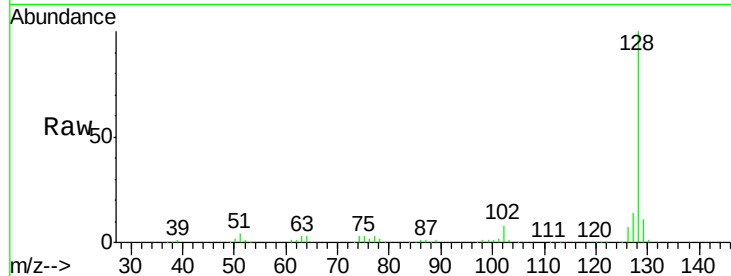
#31
Naphthalene
Concen: 56.58 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
128	100	671786		
129	10.6		9.1	13.7
127	13.8		11.1	16.7

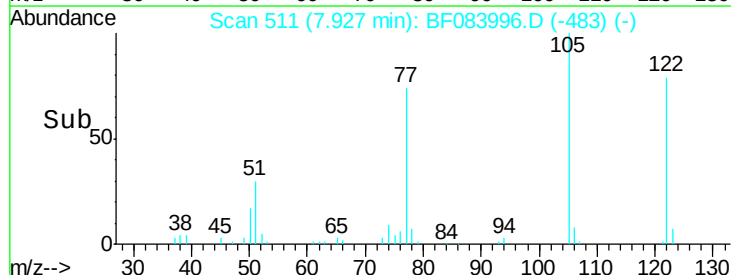
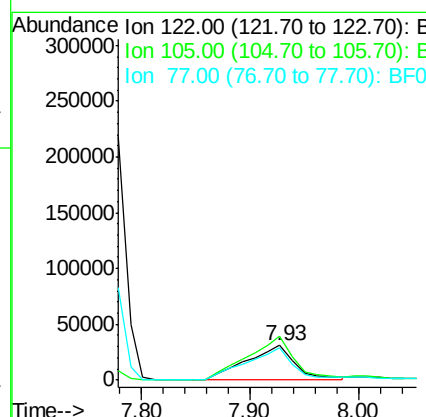
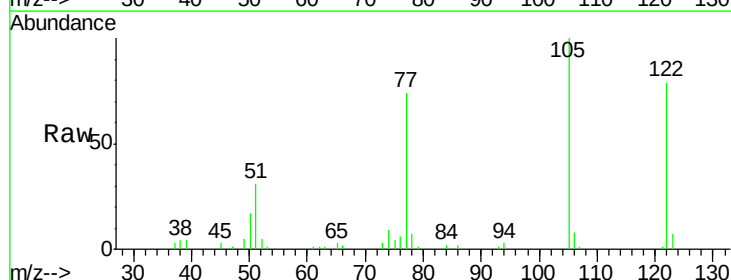
Manual Integrations
APPROVED

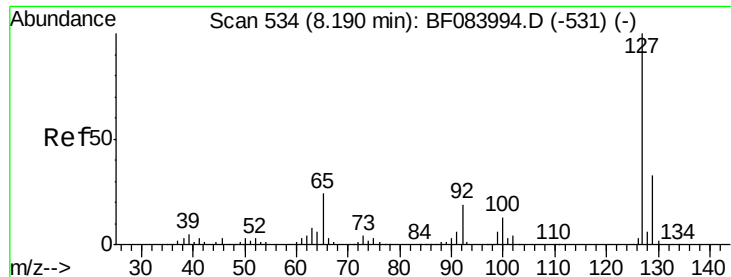
apatel
12/23/2015 4:26:53 PM



#32
Benzoic acid
Concen: 80.77 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.02 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	98511		
105	125.8		100.3	140.3
77	93.0		63.5	103.5





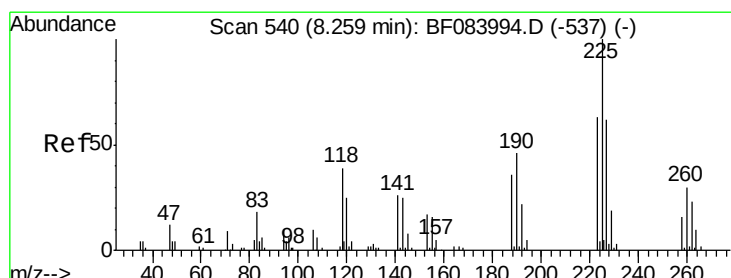
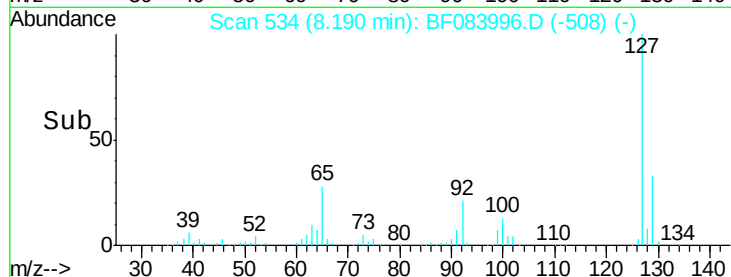
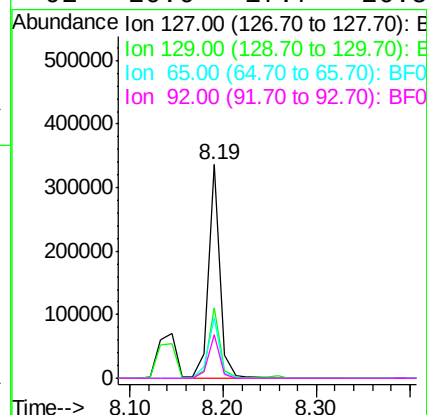
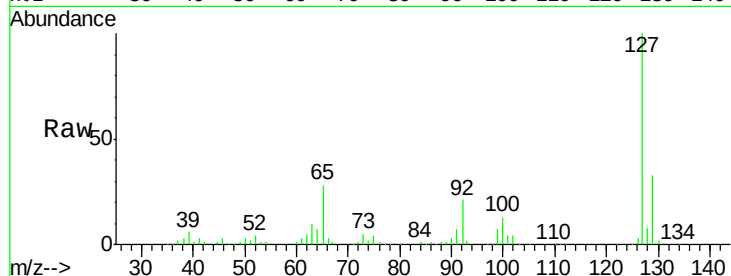
#33
4-Chloroaniline
Concen: 59.63 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
291243	127	100			
	129	33.0	26.5	39.7	
	65	28.2	27.2	40.8	
	92	20.6	17.7	26.5	

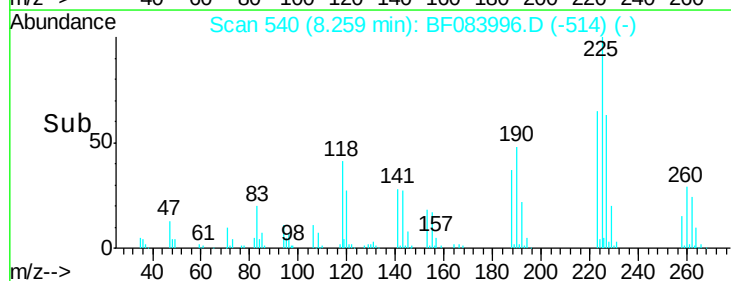
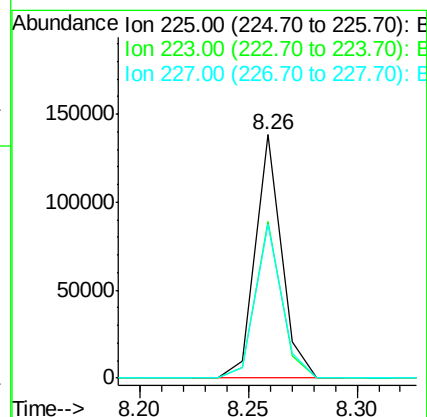
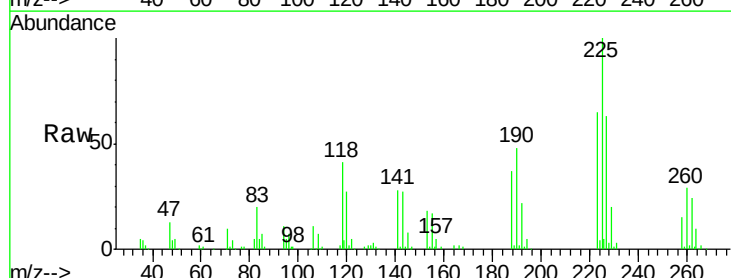
Manual Integrations
APPROVED

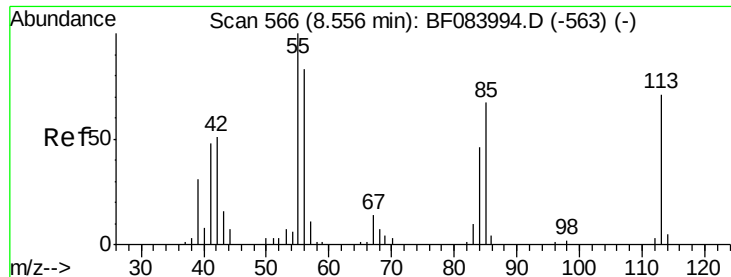
apatel
12/23/2015 4:26:53 PM



#34
Hexachlorobutadiene
Concen: 55.85 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
115565	225	100			
	223	64.5	49.4	74.0	
	227	63.1	50.8	76.2	





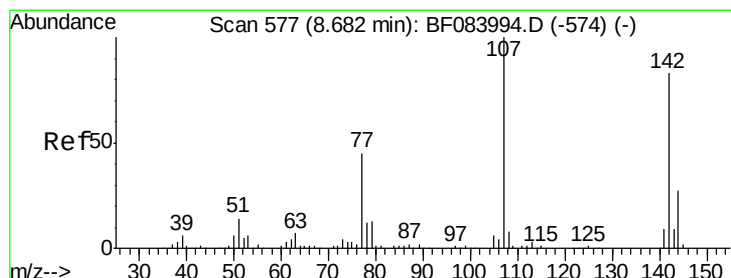
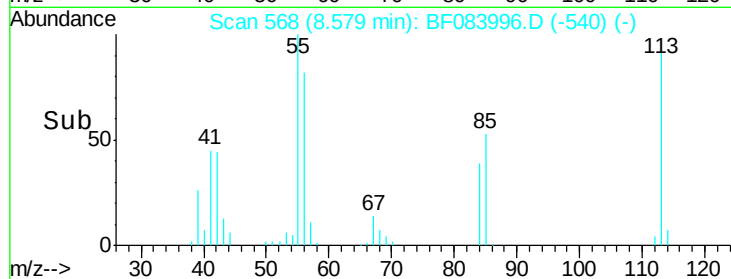
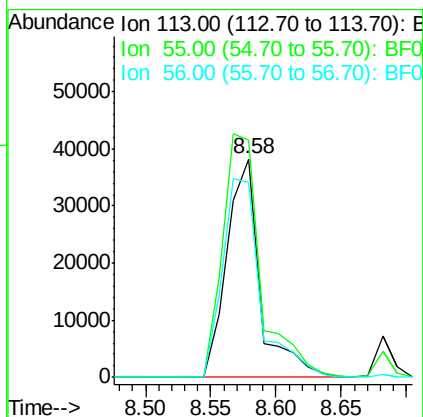
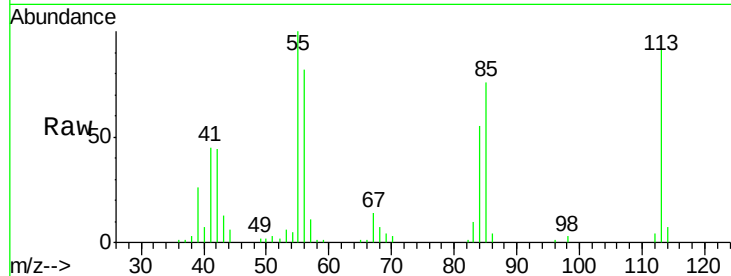
#35
Caprolactam
Concen: 71.45 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
113	100		
55	108.8	116.9	156.9#
56	89.4	93.8	133.8#

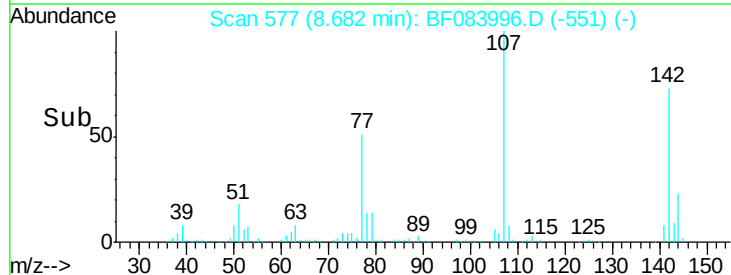
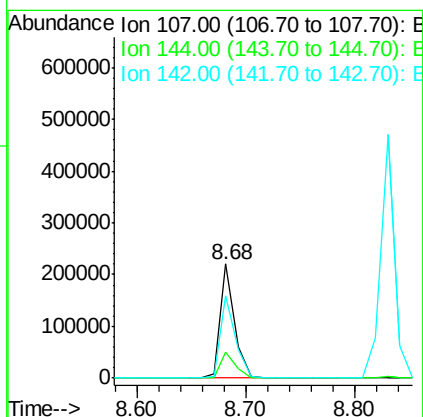
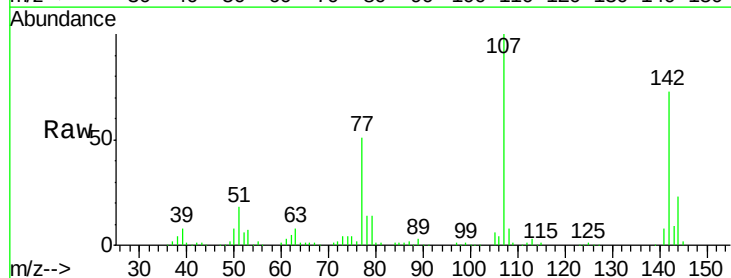
Manual Integrations
APPROVED

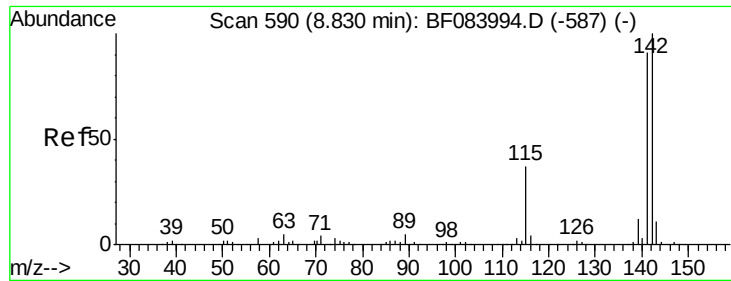
apatel
12/23/2015 4:26:53 PM



#36
4-Chloro-3-methylphenol
Concen: 60.19 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.7	29.5
142	72.7	61.8	92.6





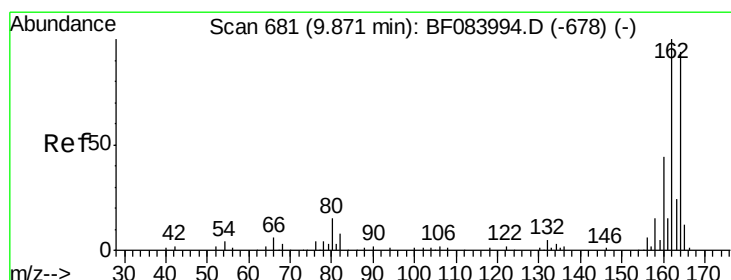
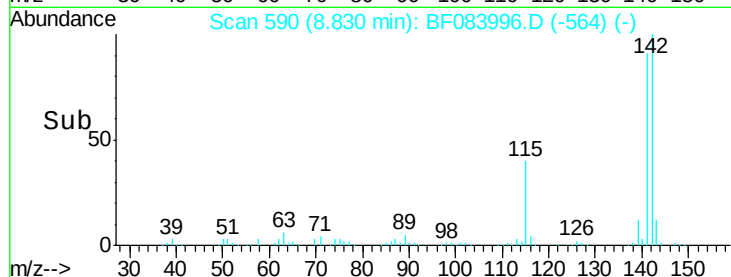
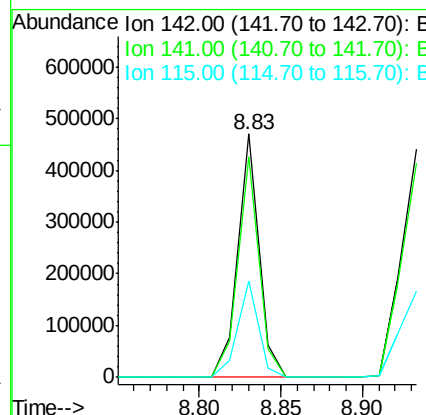
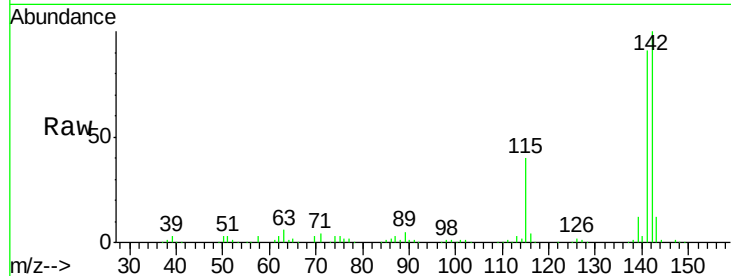
#37
2-Methylnaphthalene
Concen: 53.89 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.4	108.6
115	39.5	27.9	41.9

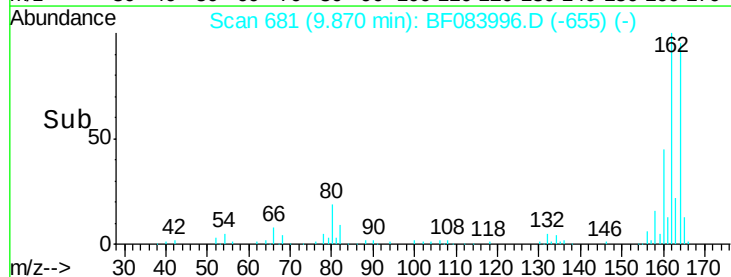
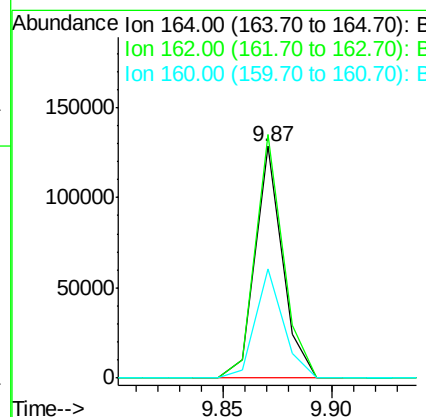
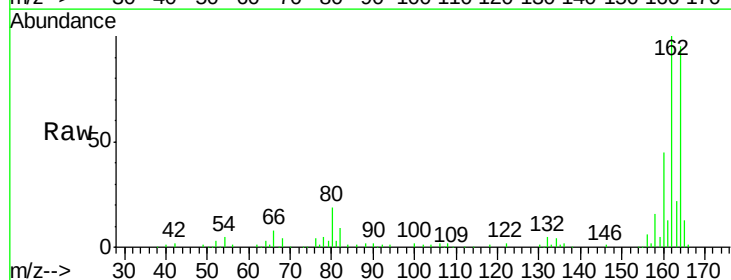
Manual Integrations
APPROVED

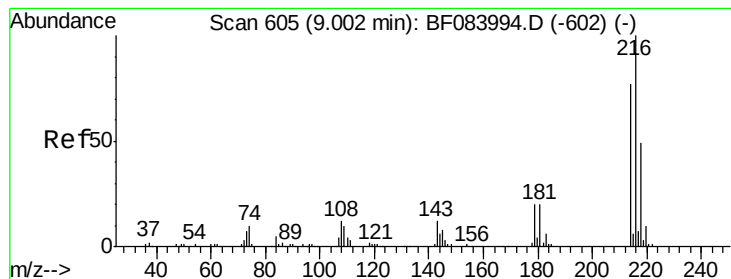
apatel
12/23/2015 4:26:53 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	46.9	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 61.56 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

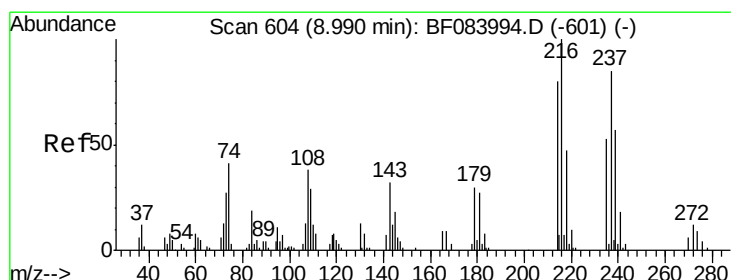
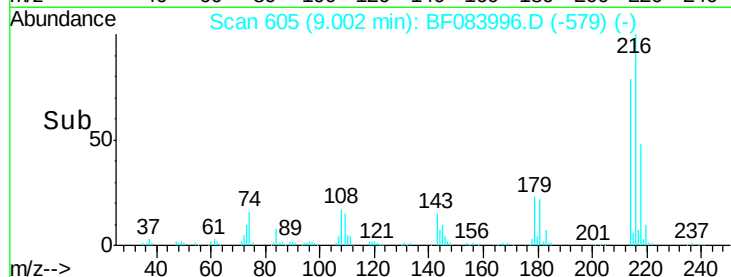
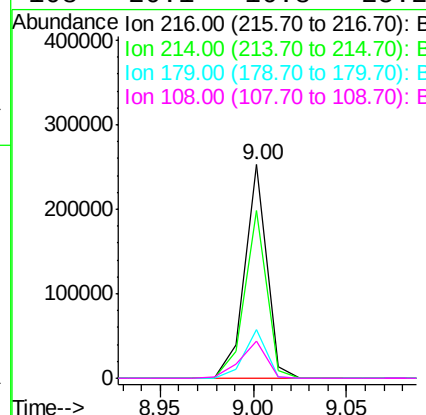
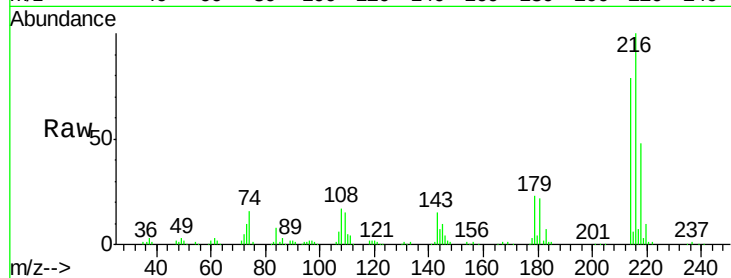
ClientSampleId :

SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		209775		
214	78.7		64.2	96.2	
179	23.0		18.7	28.1	
108	20.1		16.8	25.2	

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#40

Hexachlorocyclopentadiene

Concen: 98.25 ng

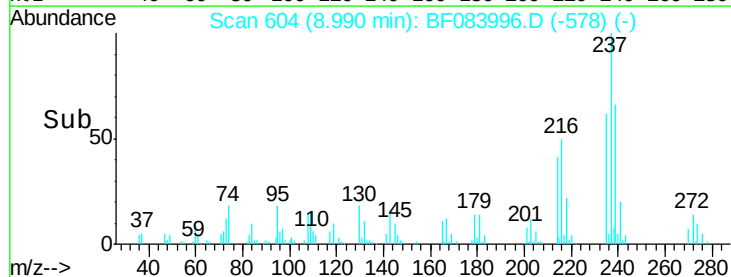
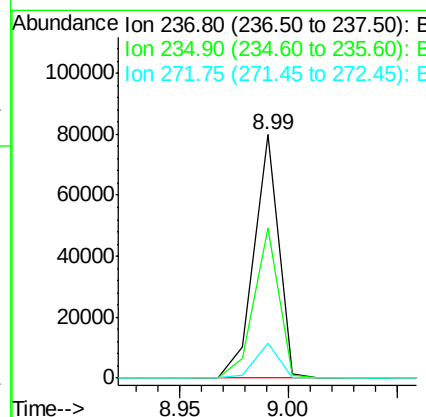
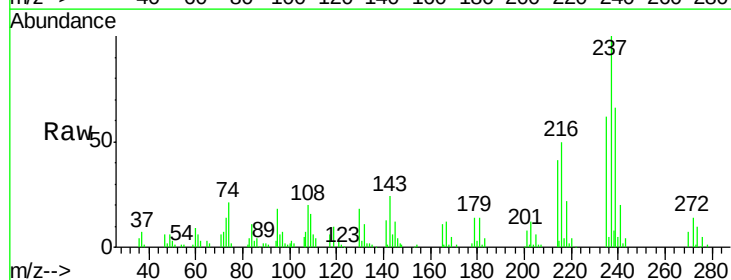
RT: 8.99 min Scan# 604

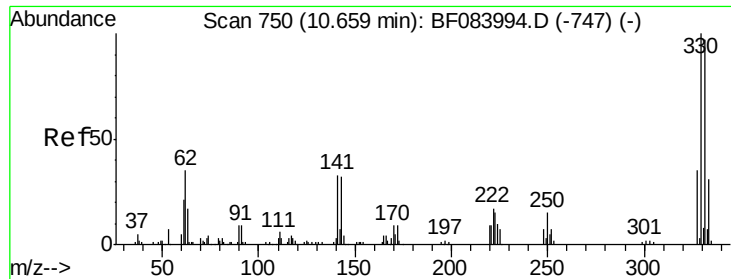
Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		62839		
235	61.9		43.1	83.1	
272	14.4		0.0	35.1	





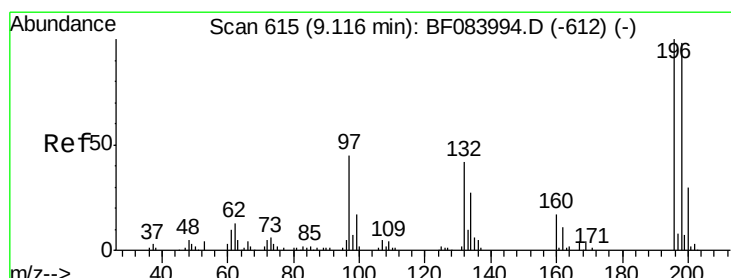
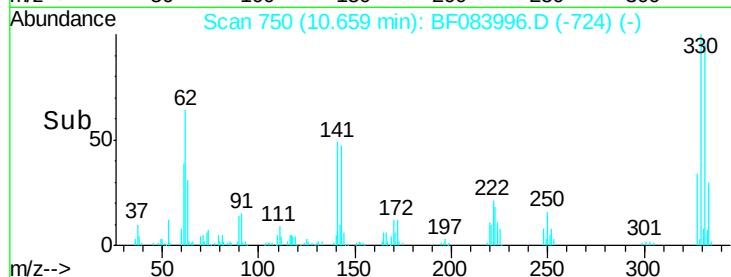
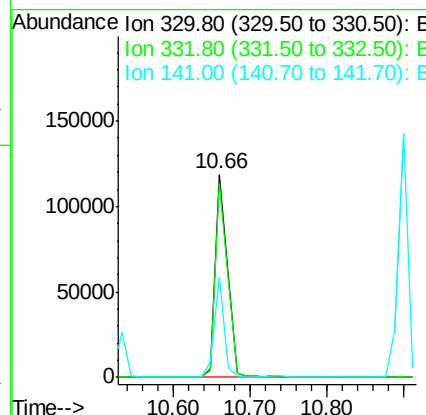
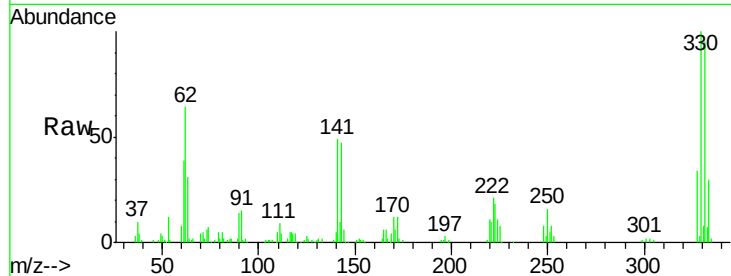
#41
 2,4,6-Tribromophenol
 Concen: 62.81 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
330	100	130806		
332	95.8	76.6	114.8	
141	39.2	27.8	41.6	

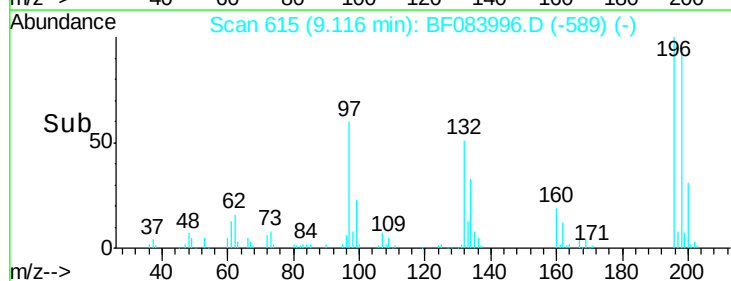
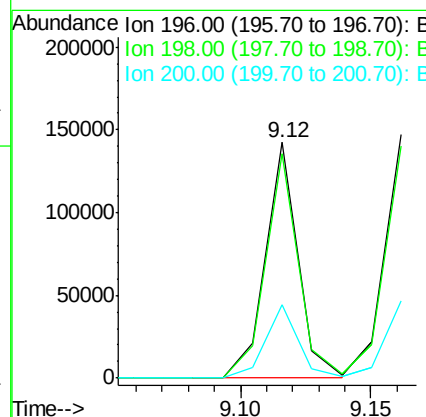
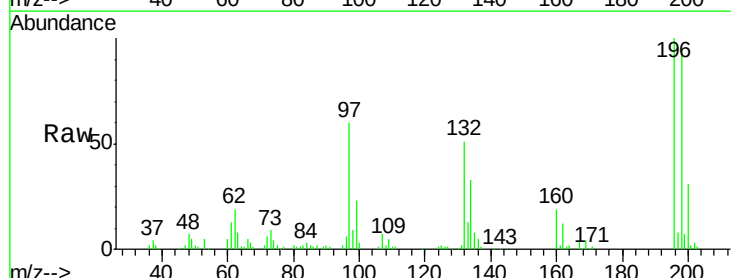
Manual Integrations
 APPROVED

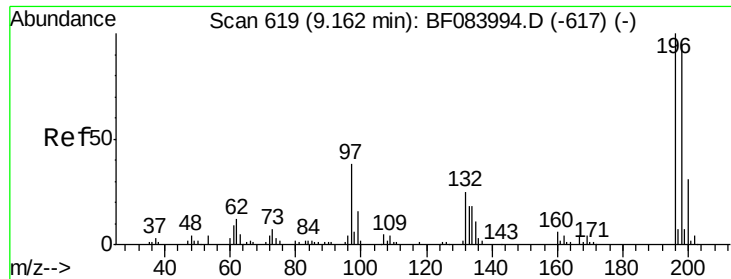
apatel
 12/23/2015 4:26:53 PM



#42
 2,4,6-Trichlorophenol
 Concen: 60.29 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	124647		
198	95.2	77.7	116.5	
200	31.4	24.6	37.0	





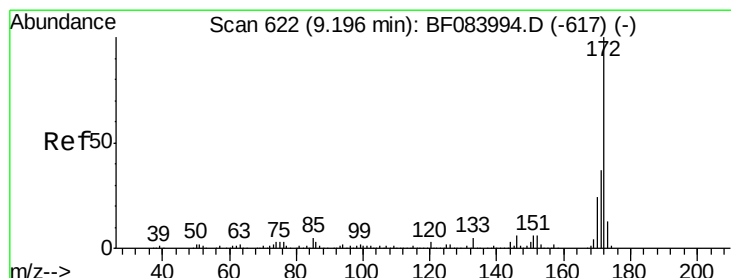
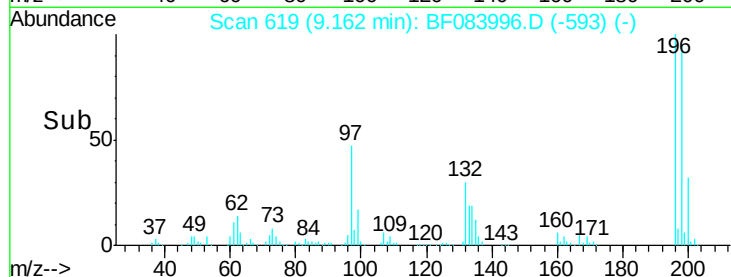
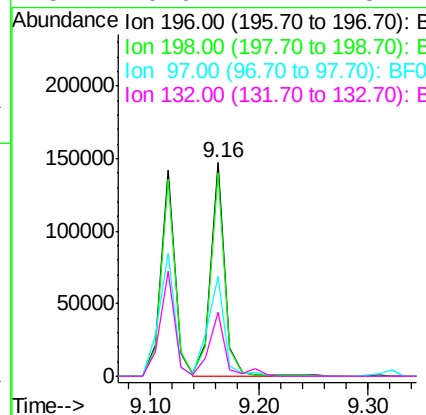
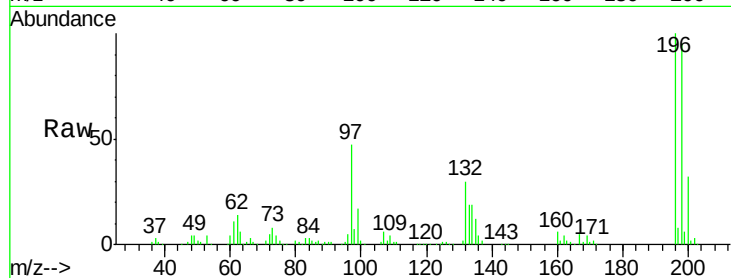
#43
 2,4,5-Trichlorophenol
 Concen: 62.31 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	132959		
198	95.4	79.0	118.6	
97	47.0	33.0	49.6	
132	29.9	21.1	31.7	

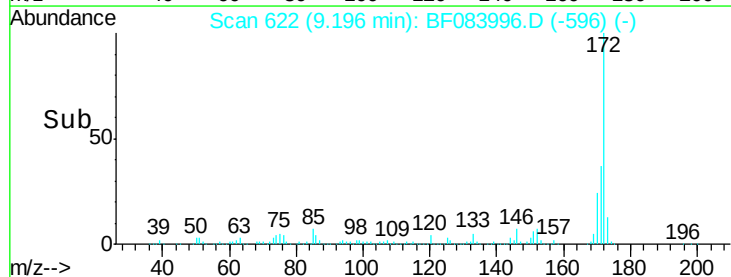
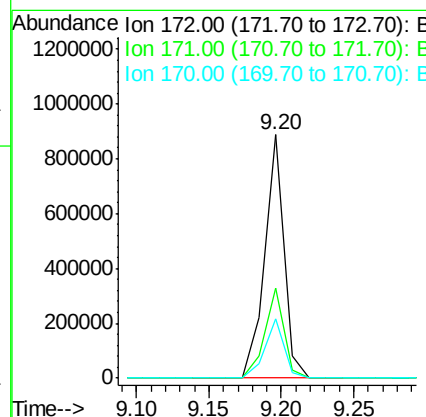
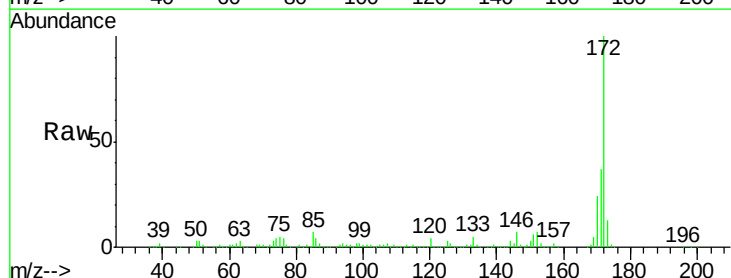
Manual Integrations
 APPROVED

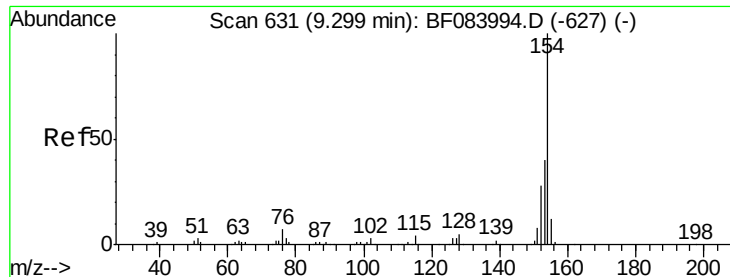
apatel
 12/23/2015 4:26:53 PM



#44
 2-Fluorobiphenyl
 Concen: 47.73 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	820926		
171	36.9	28.9	43.3	
170	24.2	18.6	27.8	





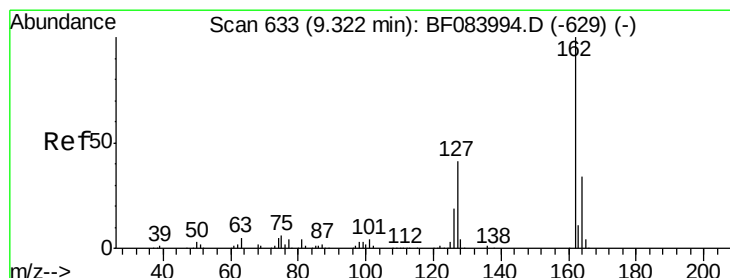
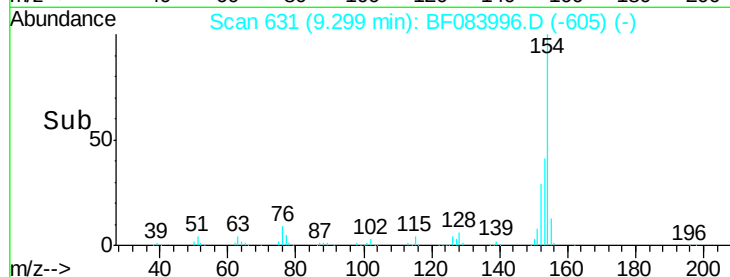
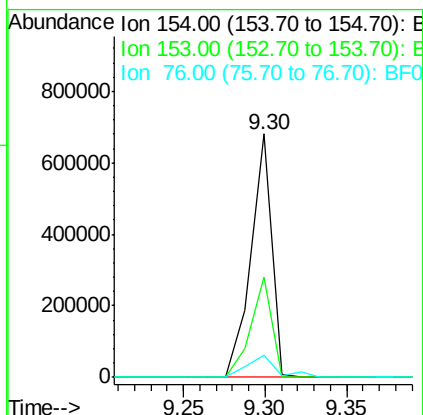
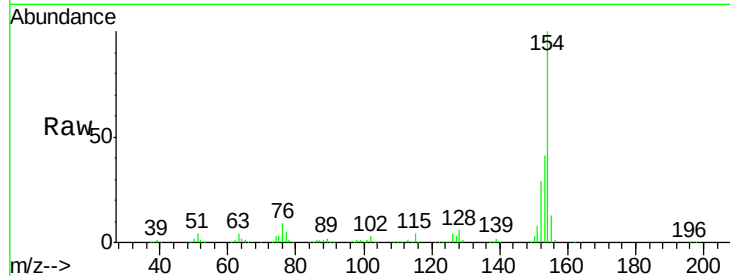
#45
 1,1'-Biphenyl
 Concen: 58.60 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.0	21.6	61.6
76	9.3	0.0	32.7

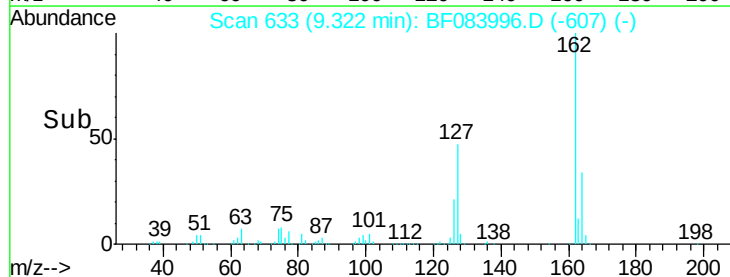
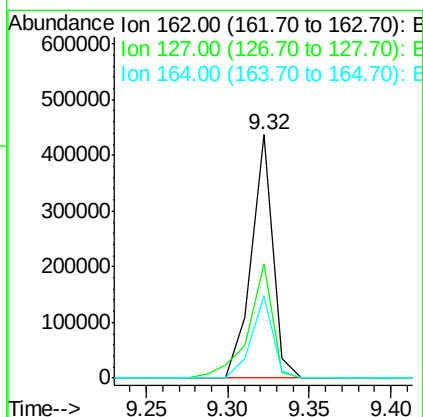
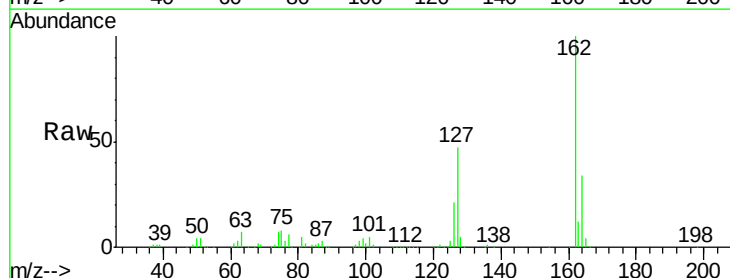
Manual Integrations
 APPROVED

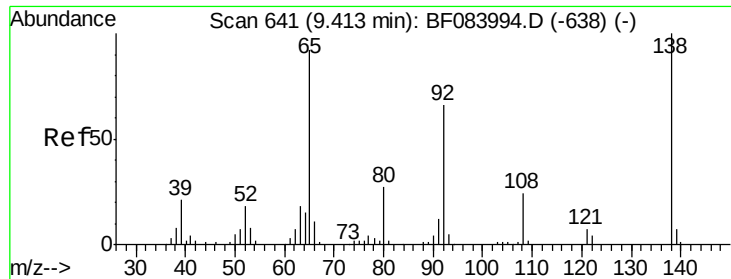
apatel
 12/23/2015 4:26:53 PM



#46
 2-Chloronaphthalene
 Concen: 53.29 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	47.1	40.2	60.4
164	33.6	25.7	38.5





#47

2-Nitroaniline

Concen: 54.47 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

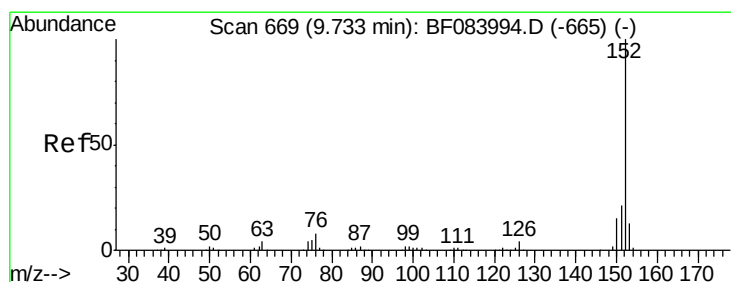
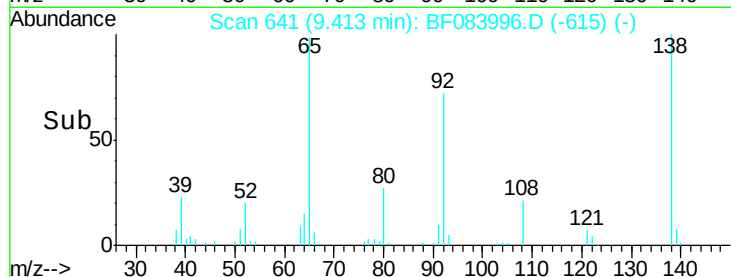
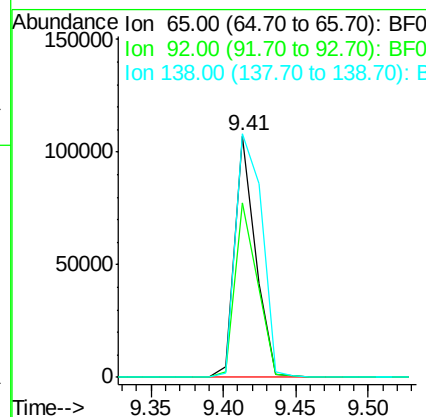
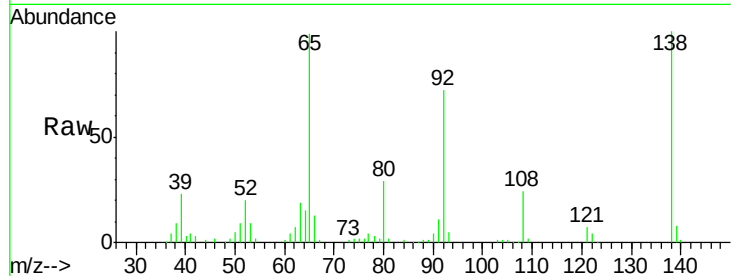
ClientSampleId :

SSTDICC060

Tot Ion:	65	Resp:	107151
Ion Ratio	Lower	Upper	
65	100		
92	72.2	53.4	80.2
138	101.0	71.1	106.7

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#48

Acenaphthylene

Concen: 55.58 ng

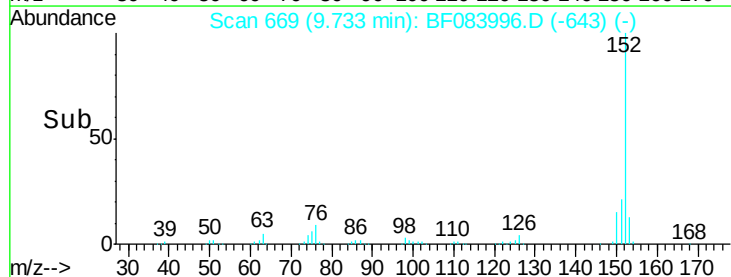
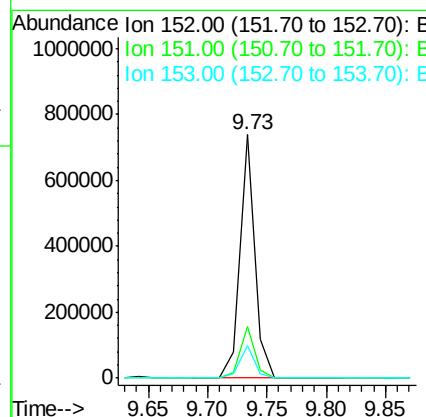
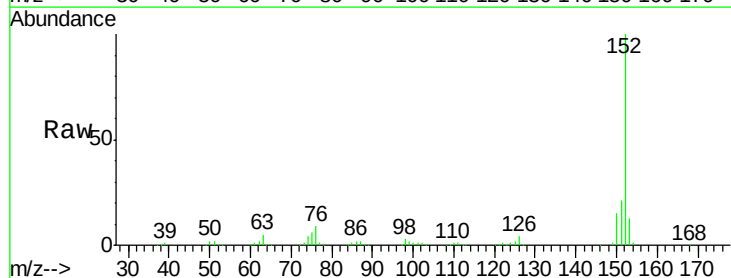
RT: 9.73 min Scan# 669

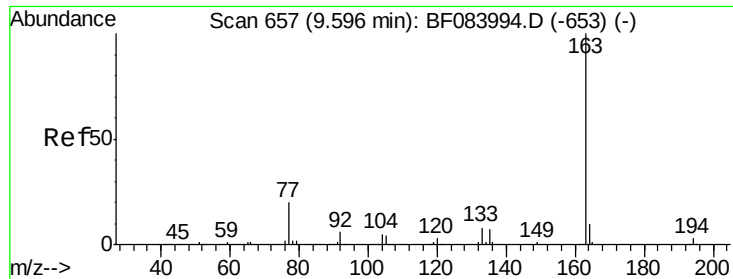
Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:	152	Resp:	645319
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.3	24.5
153	13.5	10.4	15.6





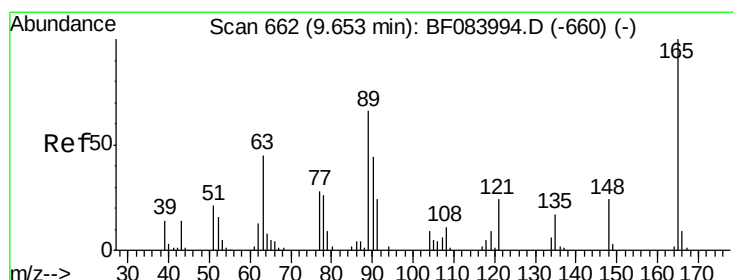
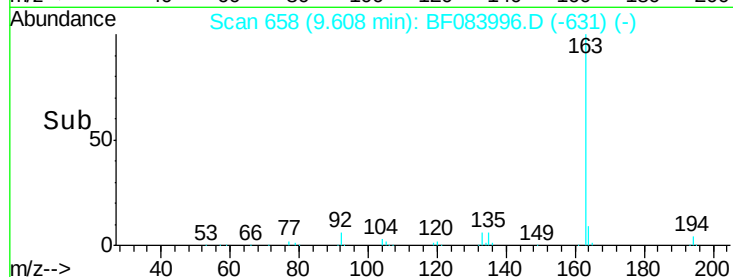
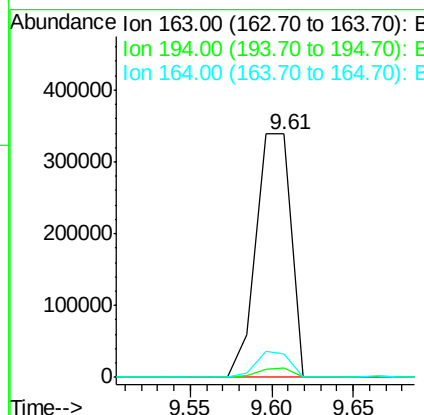
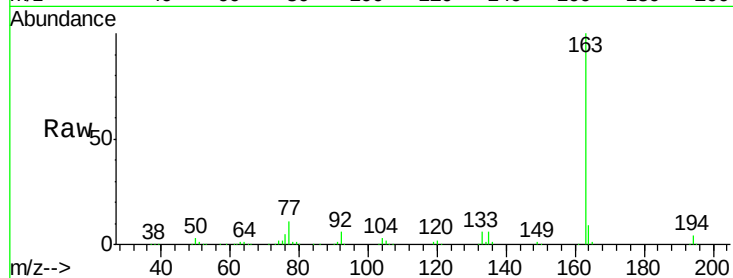
#49
Dimethylphthalate
Concen: 56.27 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.01 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	9.4	8.0	12.0

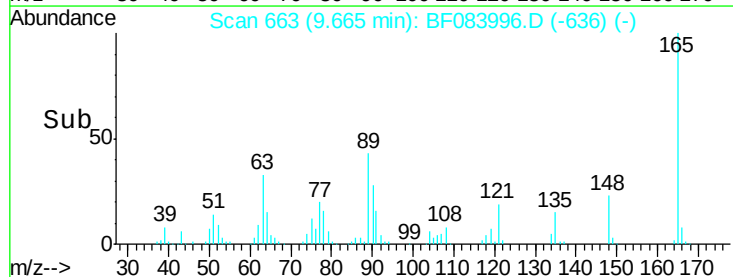
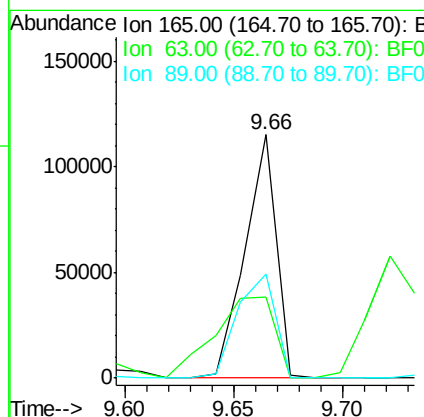
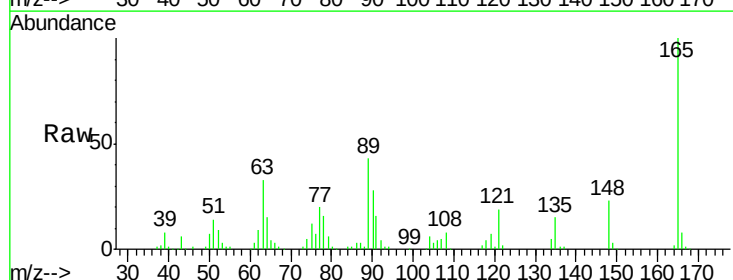
Manual Integrations
APPROVED

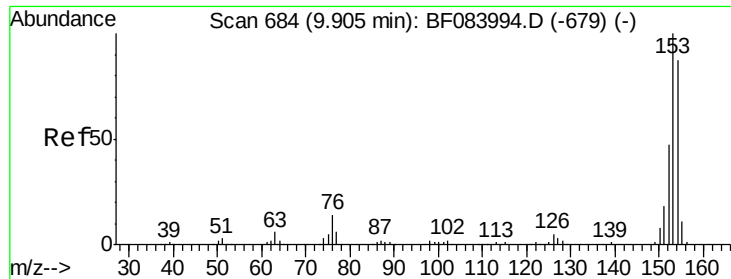
apatel
12/23/2015 4:26:53 PM



#50
2,6-Dinitrotoluene
Concen: 60.90 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	33.2	28.8	43.2
89	42.8	35.1	52.7





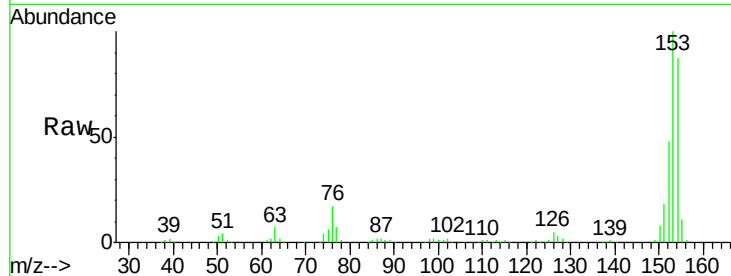
#51
Acenaphthene
Concen: 58.94 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

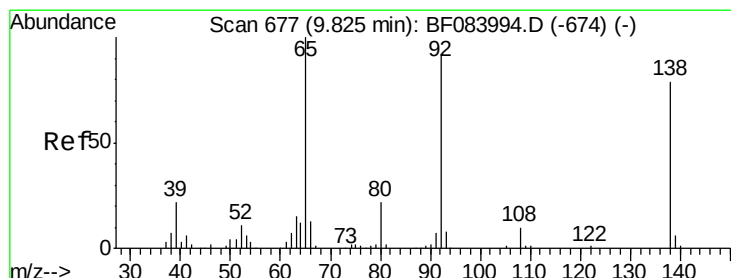
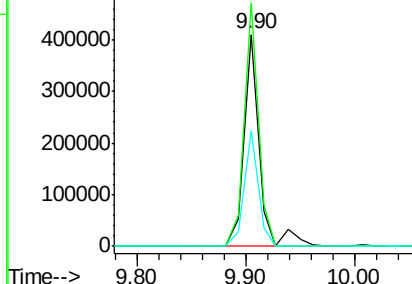
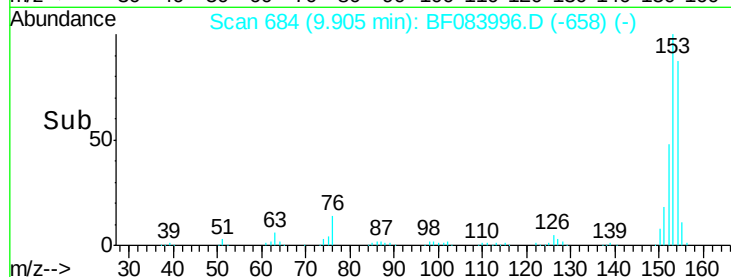
Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.5	137.3
152	54.6	43.0	64.6

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM

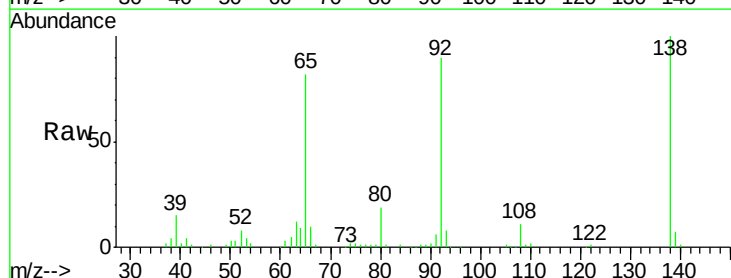


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

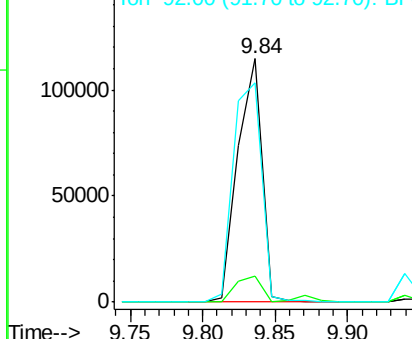
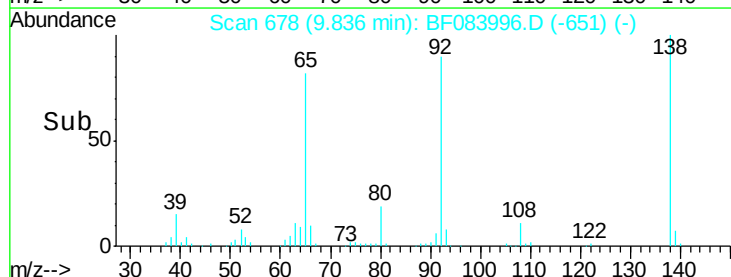


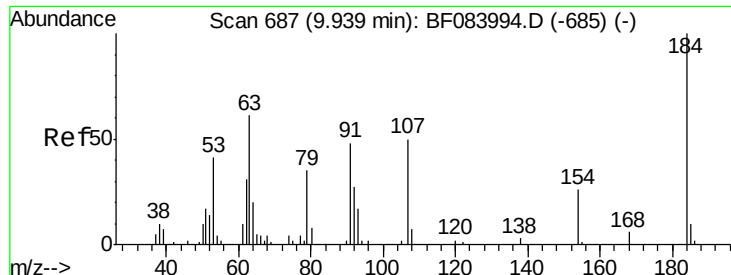
#52
3-Nitroaniline
Concen: 69.04 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	10.5	15.7
92	90.1	103.9	155.9#



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





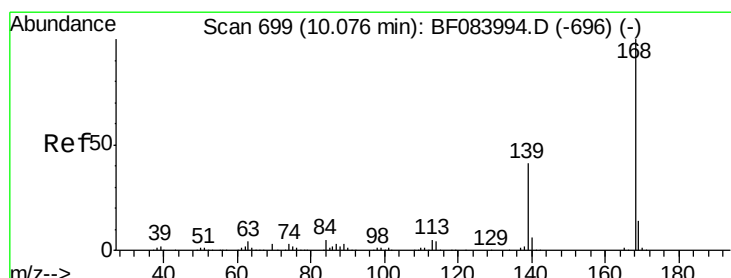
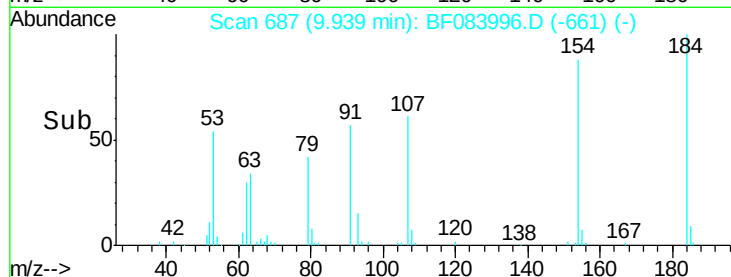
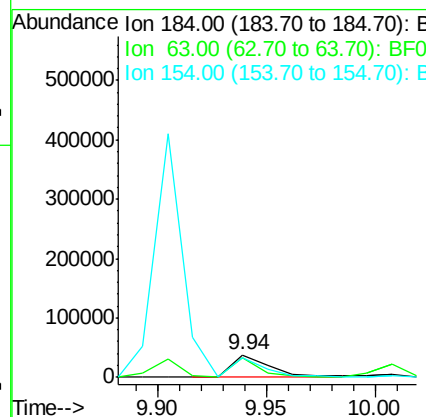
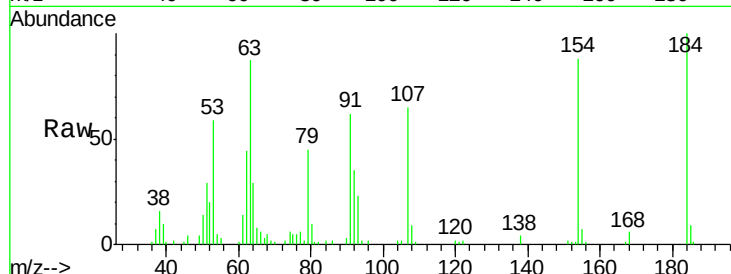
#53
2,4-Dinitrophenol
Concen: 77.59 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
184	100	45205		
63	87.5	43.1	64.7#	
154	87.9	60.5	90.7	

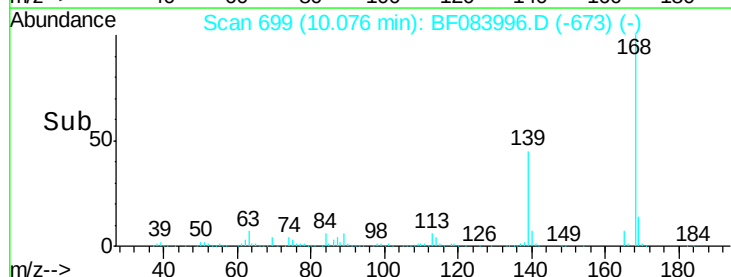
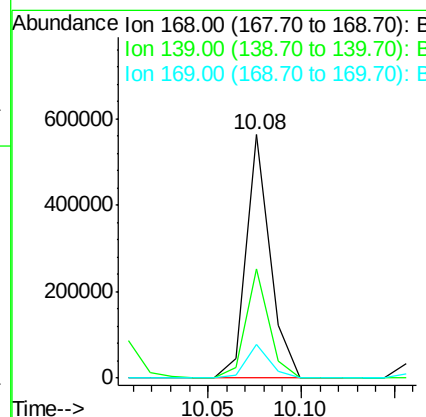
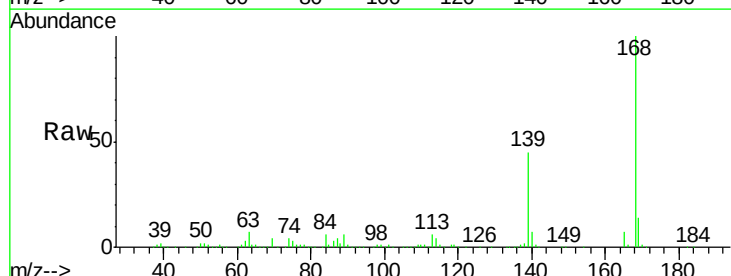
Manual Integrations
APPROVED

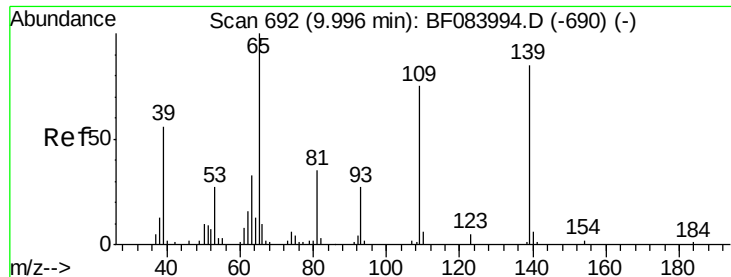
apatel
12/23/2015 4:26:53 PM



#54
Dibenzofuran
Concen: 47.48 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	502386		
139	45.0	30.5	45.7	
169	13.9	10.4	15.6	





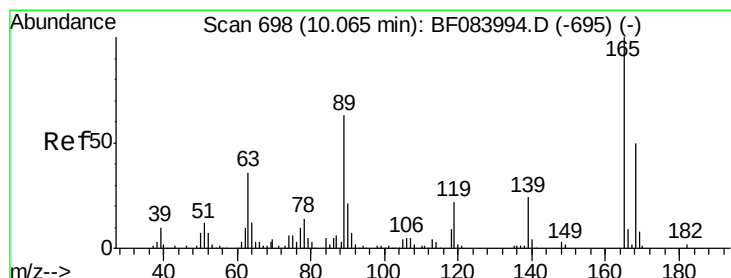
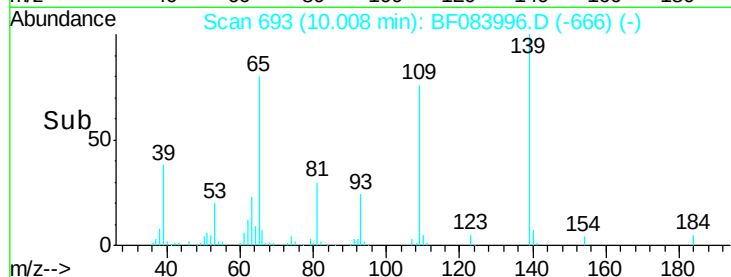
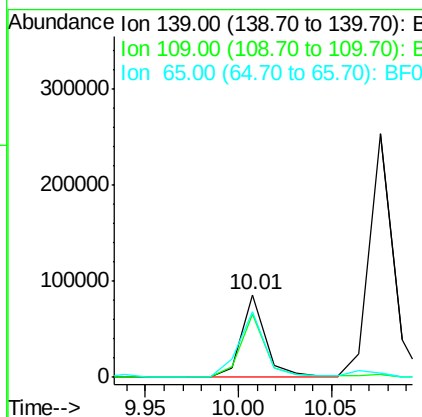
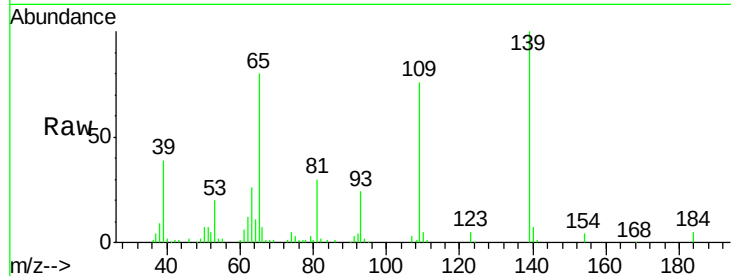
#55
4-Nitrophenol
Concen: 73.23 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100	80362		
109	76.3	58.5	98.5	
65	80.0	57.6	97.6	

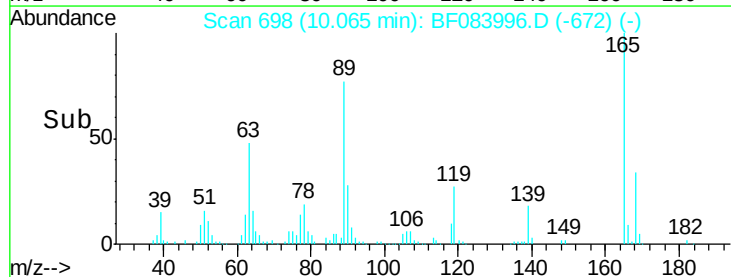
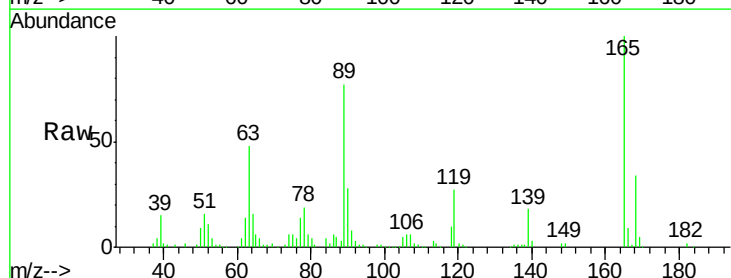
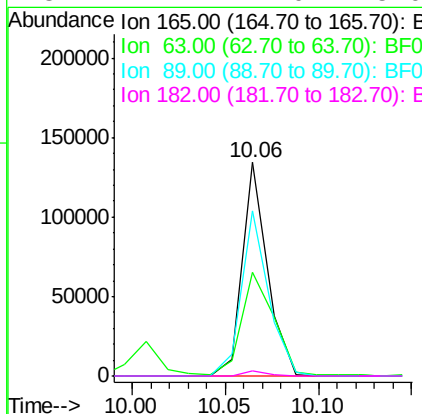
Manual Integrations
APPROVED

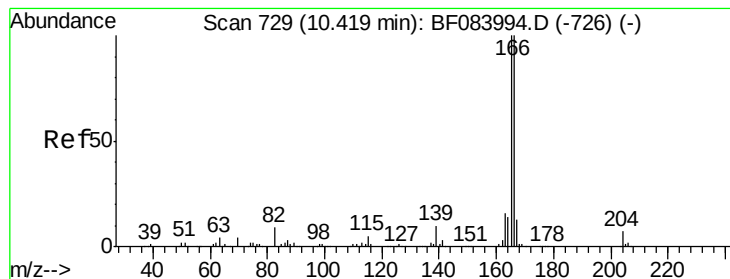
apatel
12/23/2015 4:26:53 PM



#56
2,4-Dinitrotoluene
Concen: 53.93 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125766		
63	48.3	36.7	55.1	
89	77.3	61.9	92.9	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 52.44 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

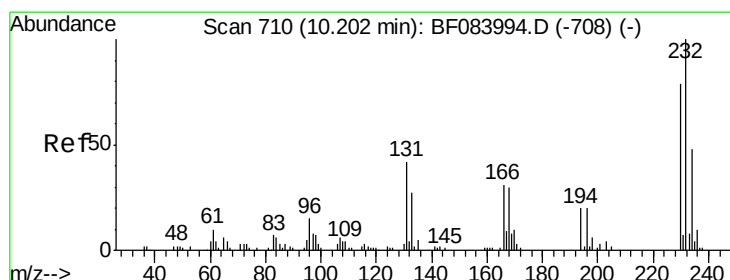
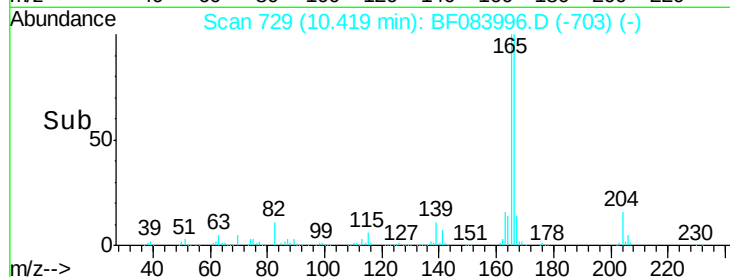
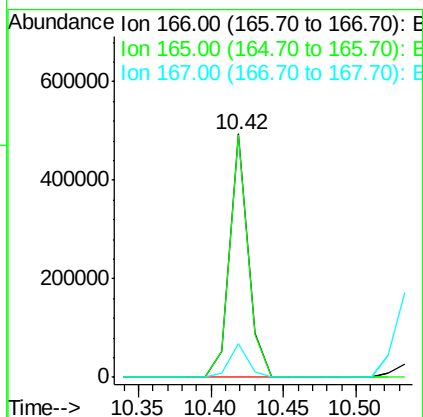
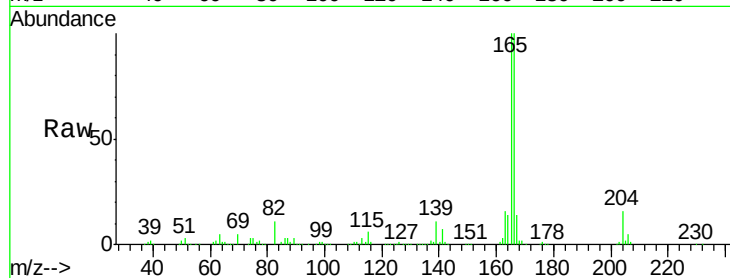
ClientSampleId :

SSTDIC060

Tot Ion:	166	Resp:	435963
Ion Ratio		Lower	Upper
166	100		
165	99.7	79.1	118.7
167	13.7	10.4	15.6

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 68.74 ng

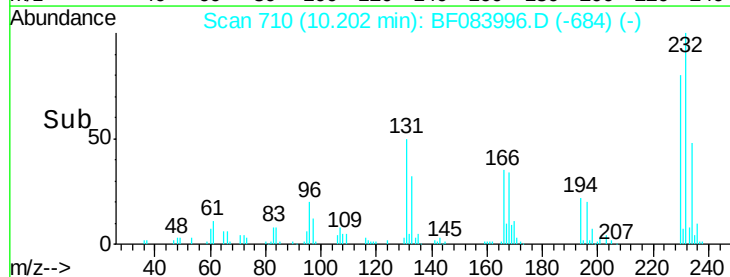
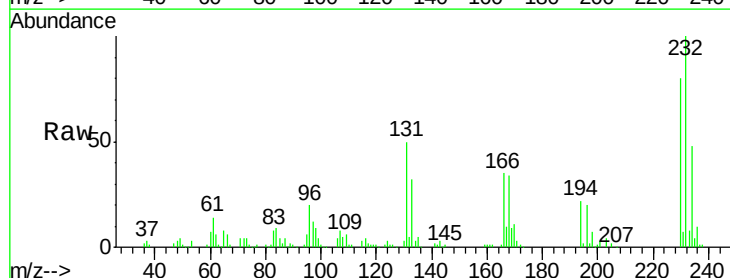
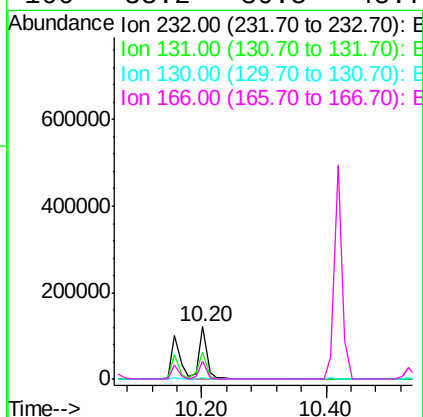
RT: 10.20 min Scan# 710

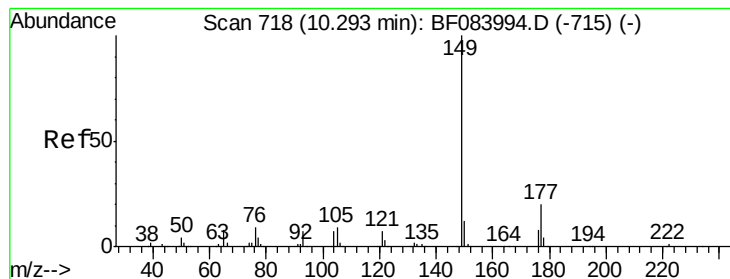
Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:	232	Resp:	111609
Ion Ratio		Lower	Upper
232	100		
131	52.1	47.0	70.6
130	2.5	2.0	3.0
166	33.2	30.5	45.7





#59

Diethylphthalate

Concen: 55.73 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

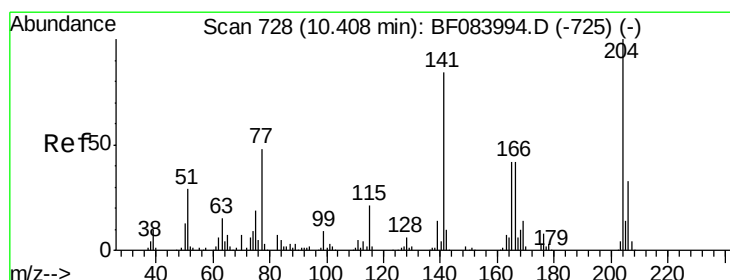
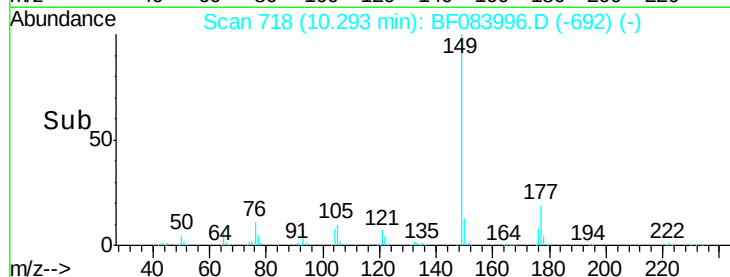
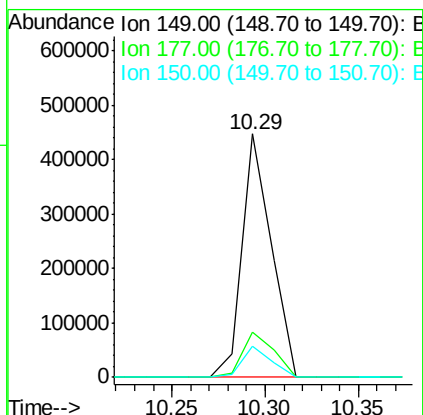
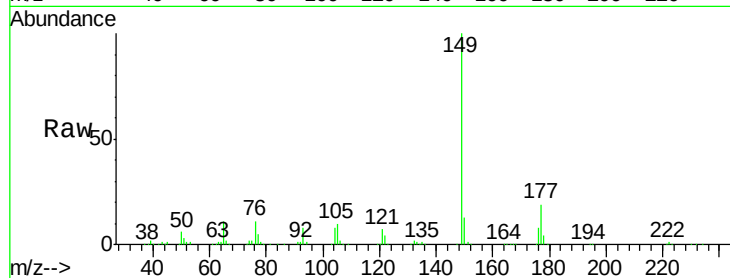
ClientSampleId :

SSTDICC060

Tot Ion:	149	Resp:	485054
Ion Ratio	Lower	Upper	
149	100		
177	18.8	17.3	25.9
150	12.9	9.8	14.8

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#60

4-Chlorophenyl-phenylether

Concen: 48.56 ng

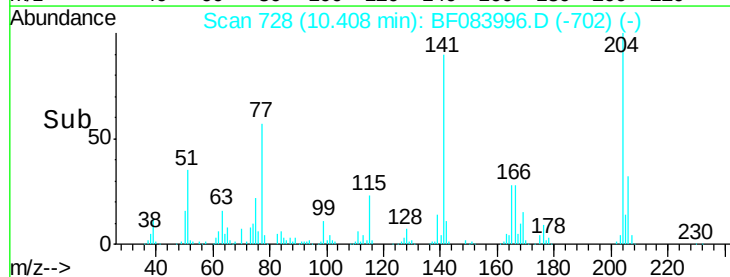
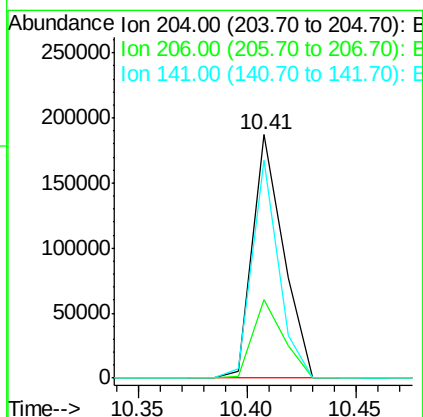
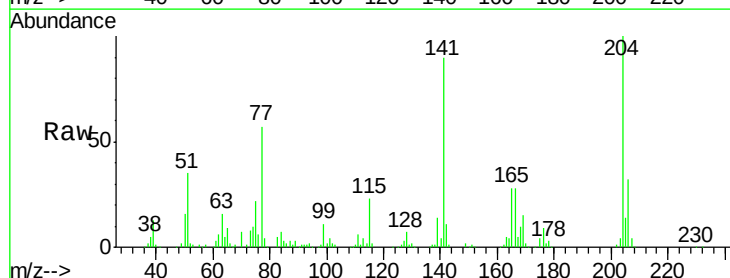
RT: 10.41 min Scan# 728

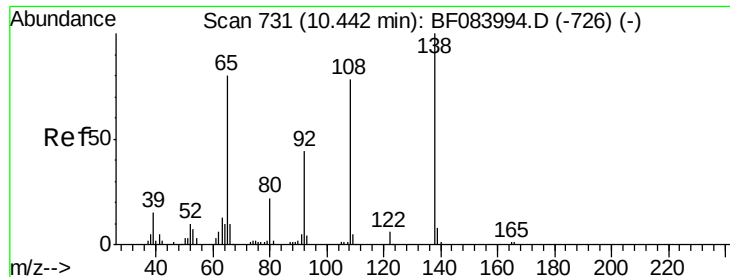
Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:	204	Resp:	184817
Ion Ratio	Lower	Upper	
204	100		
206	32.0	25.7	38.5
141	89.6	55.1	82.7#





#61

4-Nitroaniline

Concen: 61.51 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

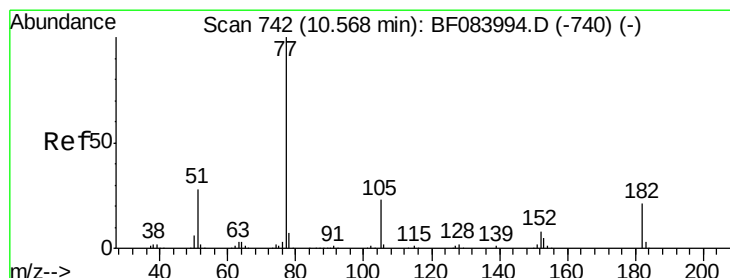
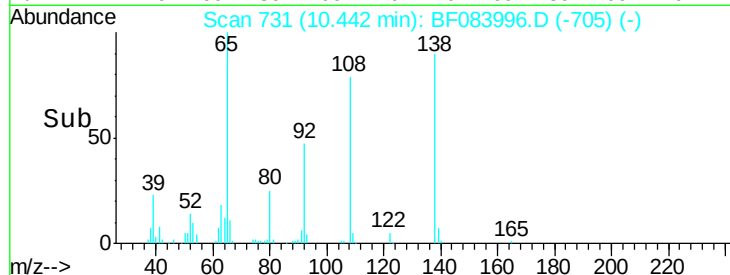
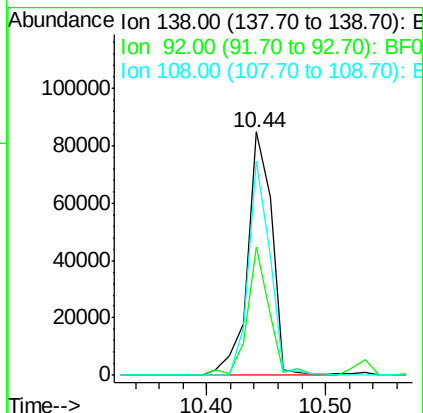
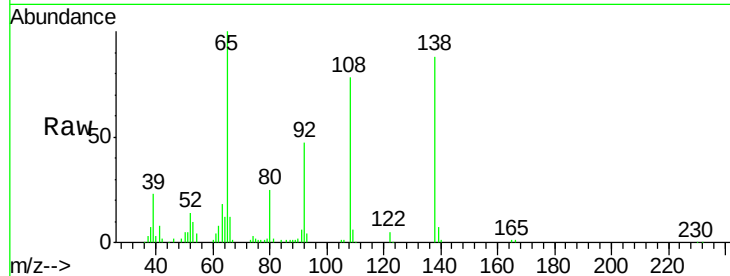
ClientSampleId :

SSTDICC060

Tot Ion:	138	Resp:	122390
Ion Ratio	Lower	Upper	
138	100		
92	52.7	32.6	72.6
108	88.1	68.6	108.6

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#62

Azobenzene

Concen: 61.41 ng

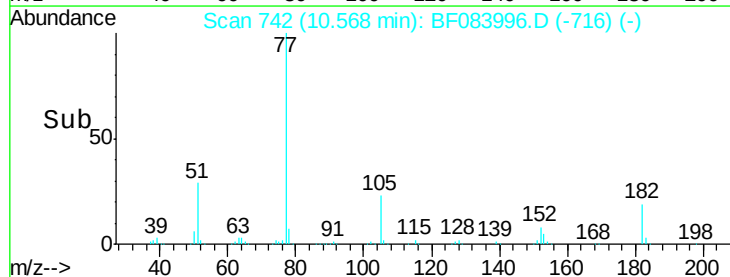
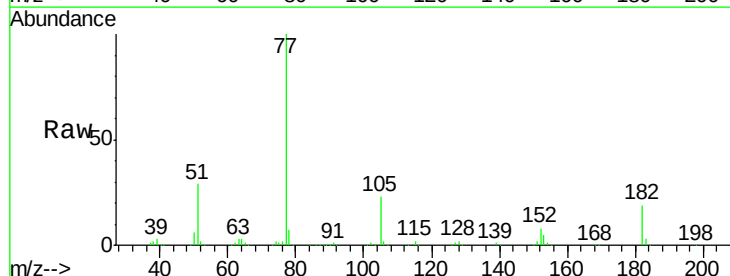
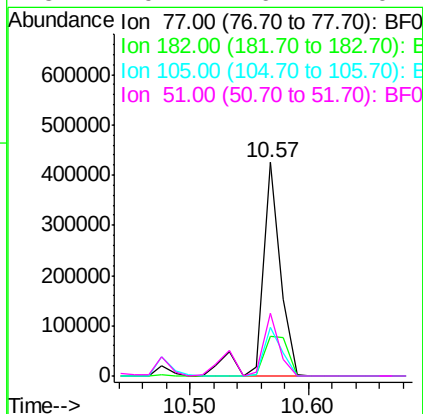
RT: 10.57 min Scan# 742

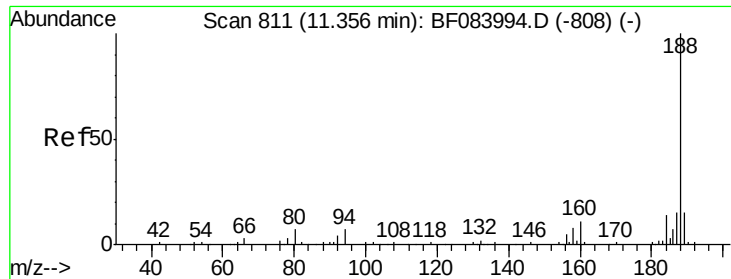
Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:	77	Resp:	459043
Ion Ratio	Lower	Upper	
77	100		
182	18.8	8.3	48.3
105	22.7	4.6	44.6
51	29.1	6.2	46.2





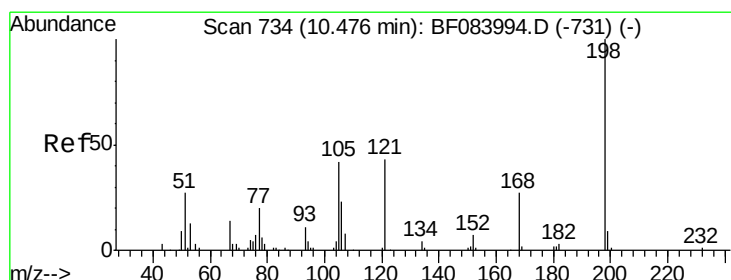
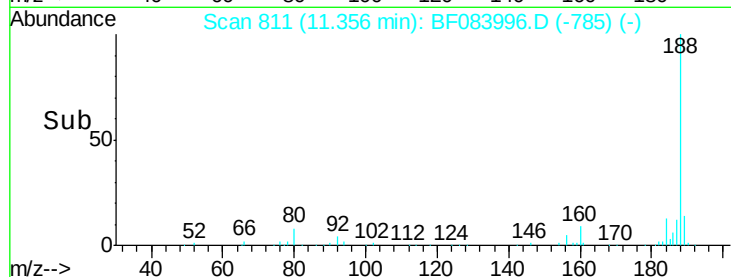
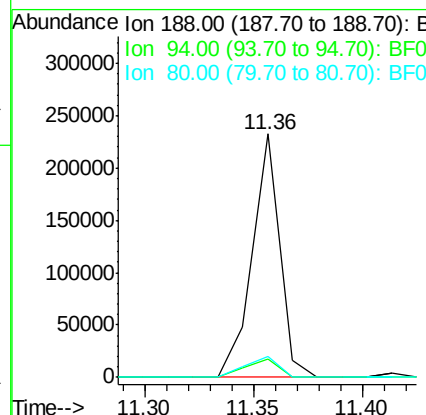
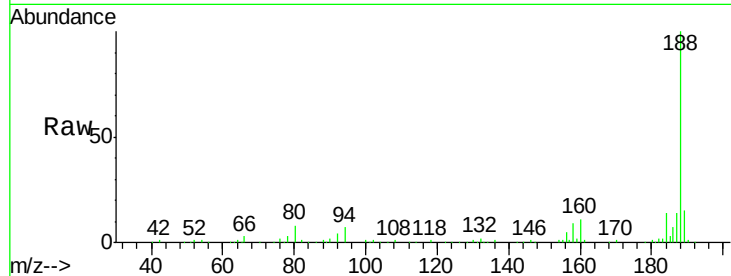
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	9.0	13.4#
80	8.3	9.6	14.4#

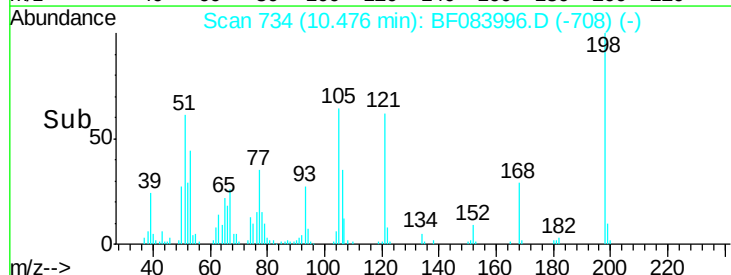
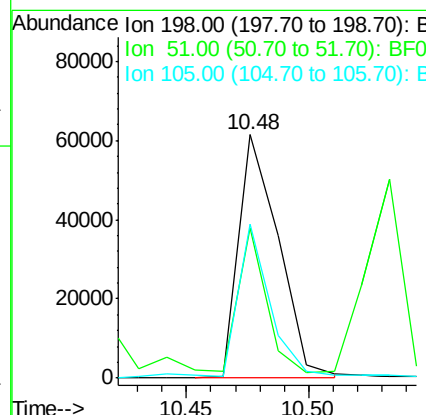
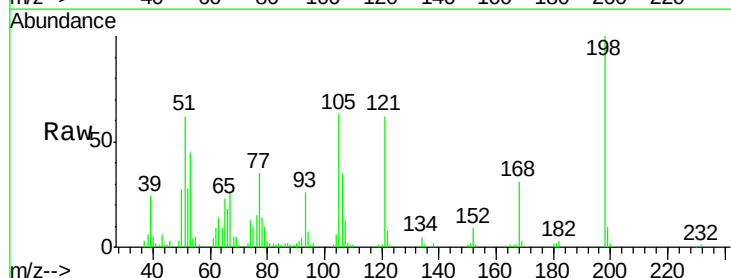
Manual Integrations
APPROVED

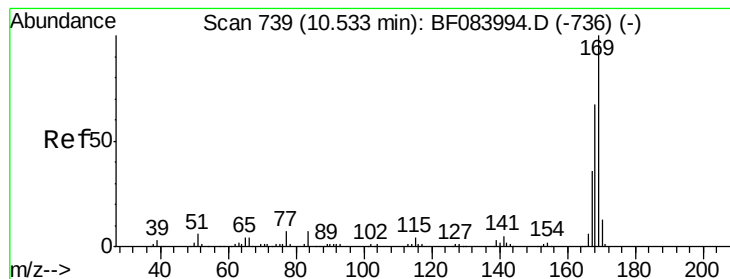
apatel
12/23/2015 4:26:53 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 67.21 ng m
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	61.7	18.9	58.9#
105	63.4	26.4	66.4





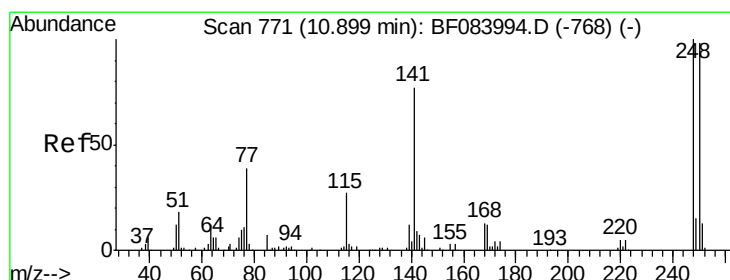
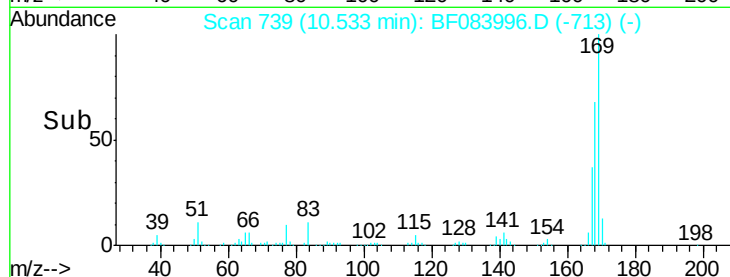
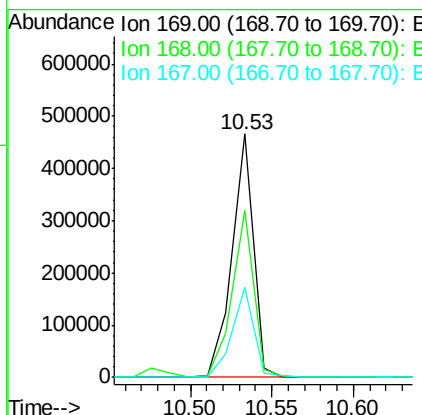
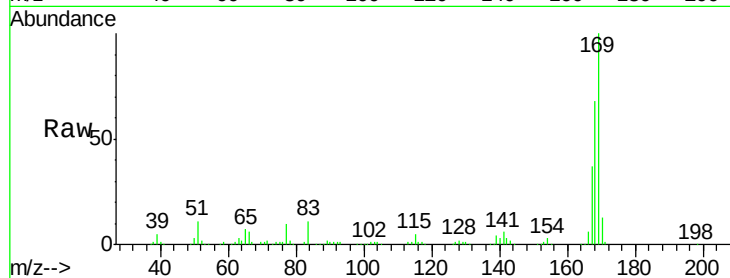
#65
 n-Nitrosodiphenylamine
 Concen: 54.25 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	55.1	82.7
167	37.0	30.0	45.0

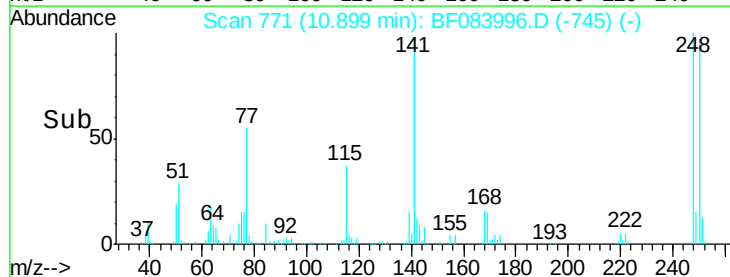
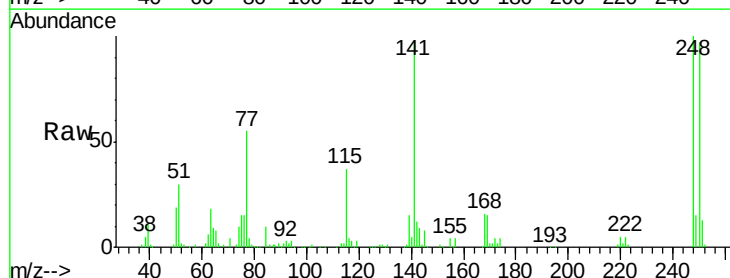
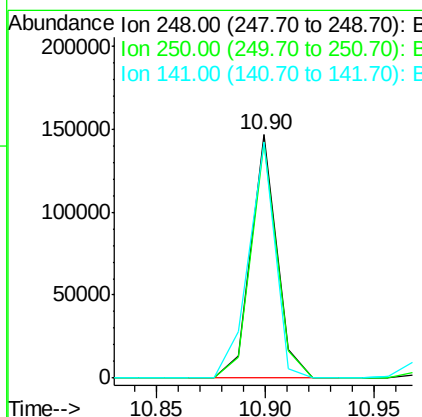
Manual Integrations
 APPROVED

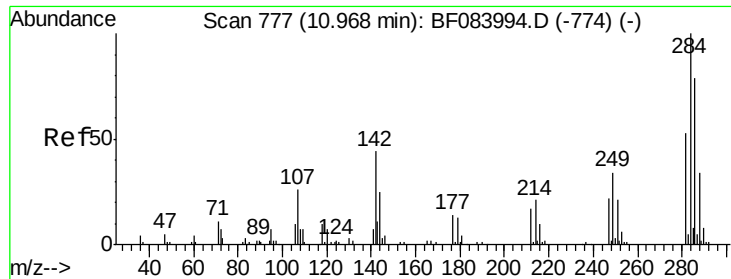
apatel
 12/23/2015 4:26:53 PM



#66
 4-Bromophenyl-phenylether
 Concen: 50.50 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.4	117.6
141	97.2	44.0	66.0





#67

Hexachlorobenzene

Concen: 55.95 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

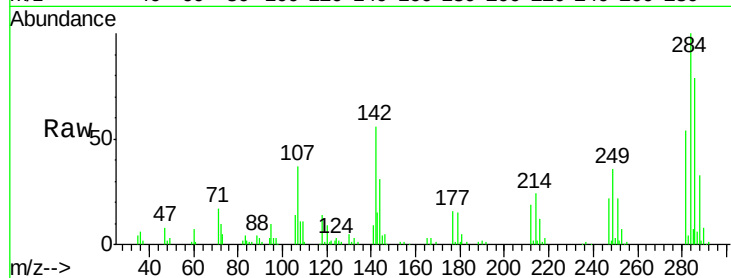
ClientSampleId :

SSTDIC060

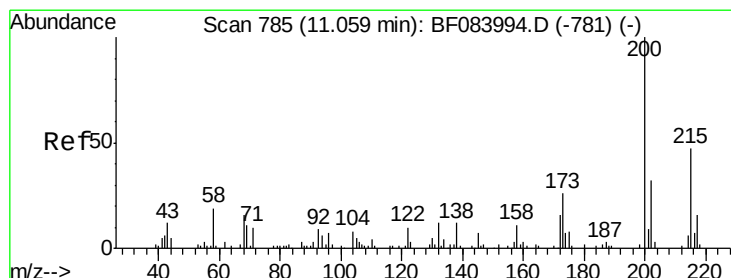
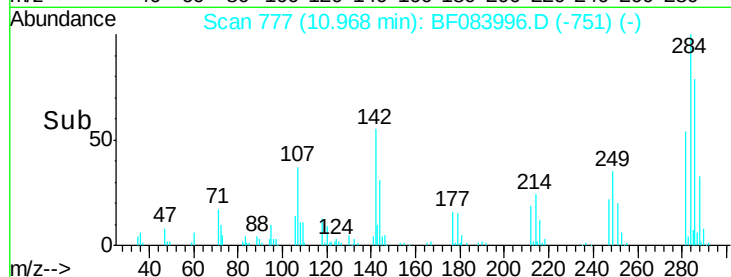
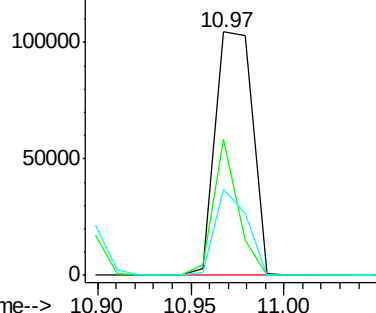
Tot Ion:	284	Resp:	145123
Ion Ratio	Lower	Upper	
284	100		
142	55.8	22.2	33.4#
249	35.5	24.6	37.0

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



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



#68

Atrazine

Concen: 50.44 ng

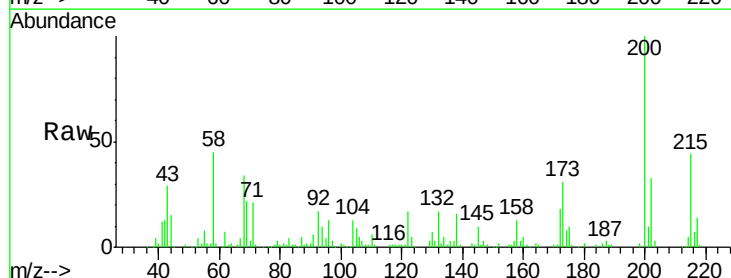
RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

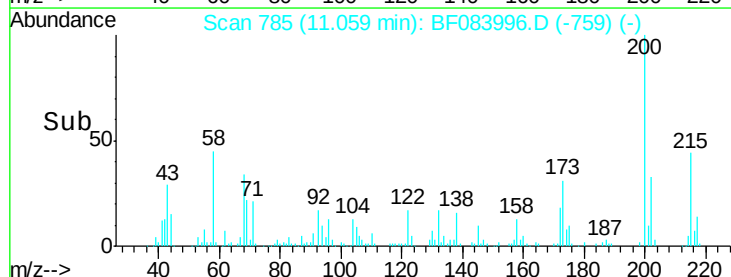
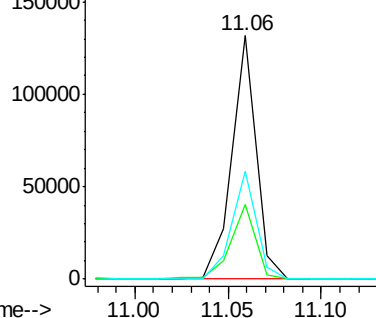
Lab File: BF083996.D

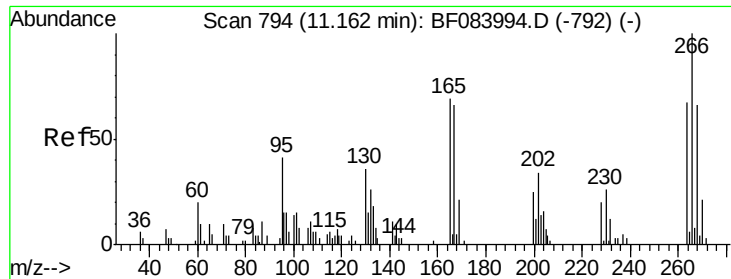
Acq: 22 Dec 2015 17:12

Tgt Ion:	200	Resp:	117983
Ion Ratio	Lower	Upper	
200	100		
173	30.9	9.5	49.5
215	44.2	23.8	63.8



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





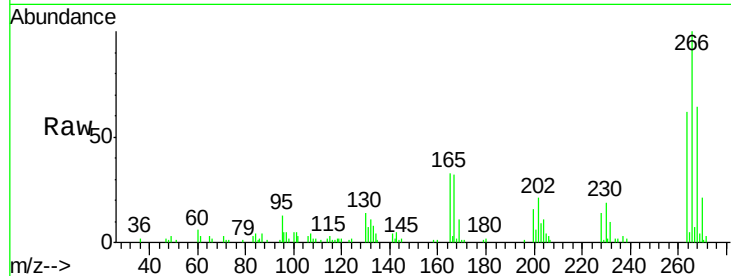
#69
 Pentachlorophenol
 Concen: 85.07 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

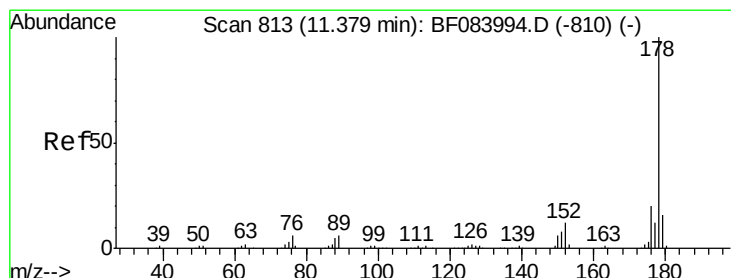
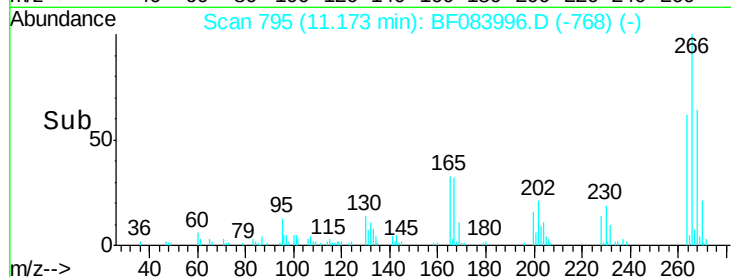
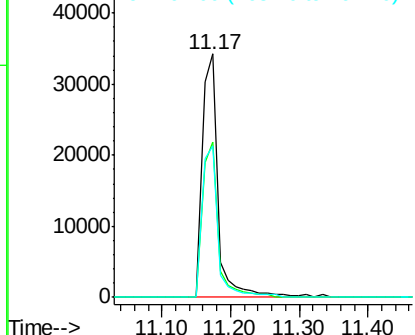
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.4	78.6
264	62.2	50.2	75.2

Manual Integrations
 APPROVED

apatel
 12/23/2015 4:26:53 PM

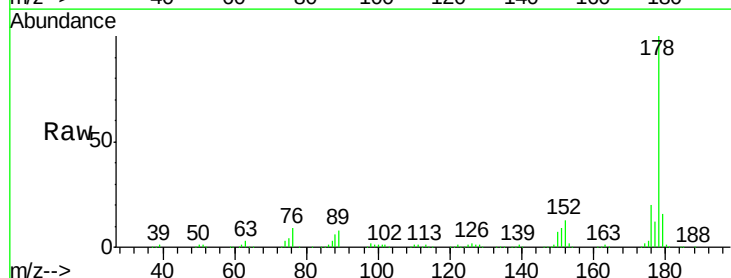


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

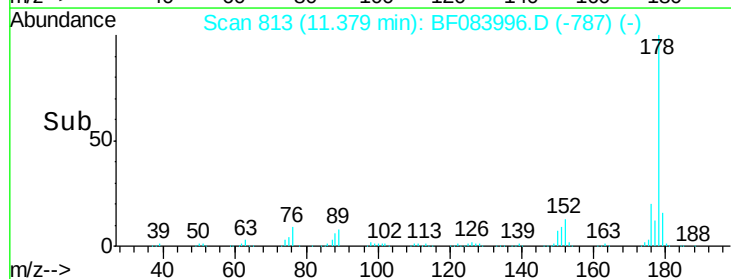
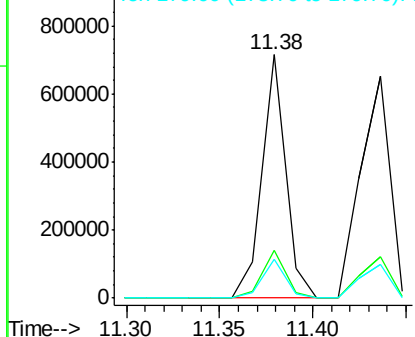


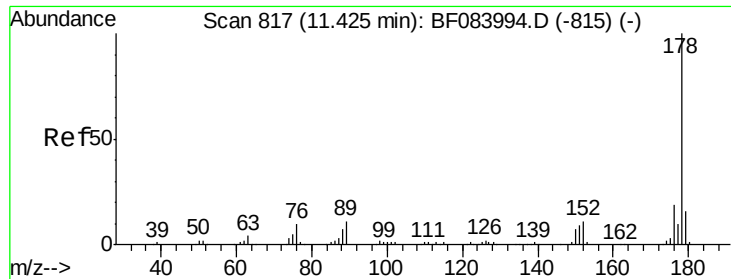
#70
 Phenanthrene
 Concen: 52.41 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	15.8	12.0	18.0



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





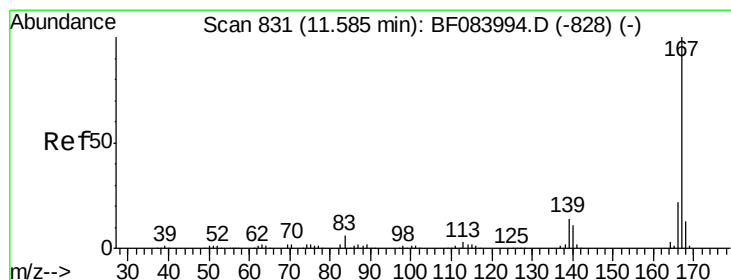
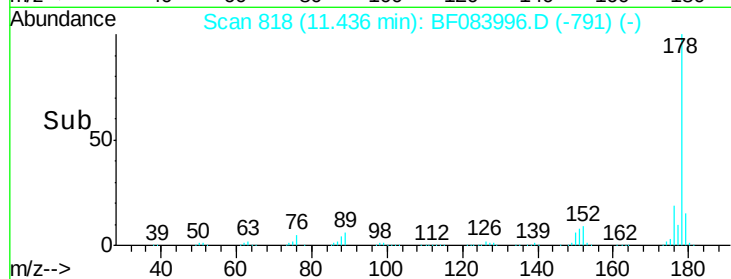
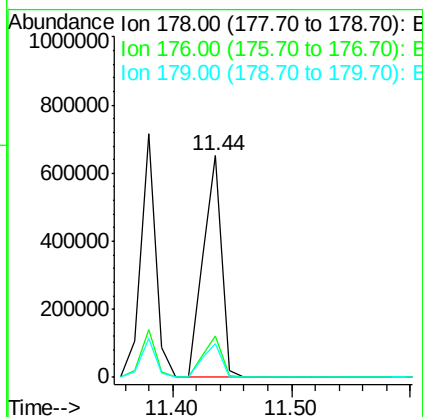
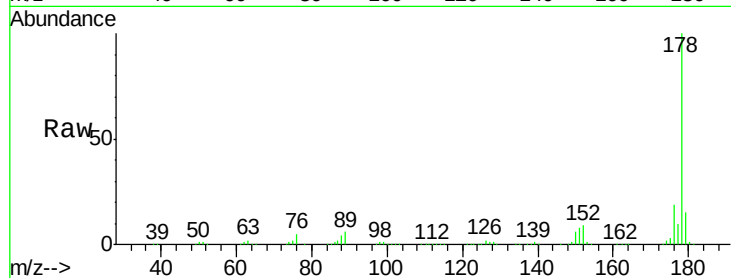
#71
 Anthracene
 Concen: 59.02 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.3	12.5	18.7

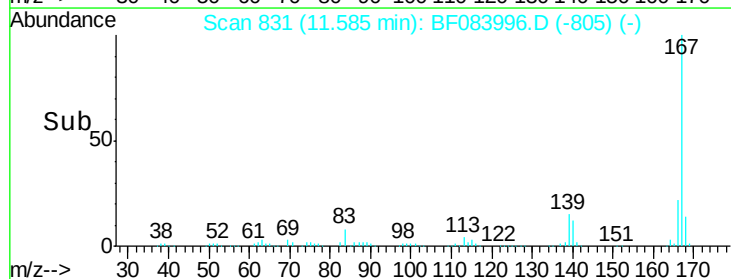
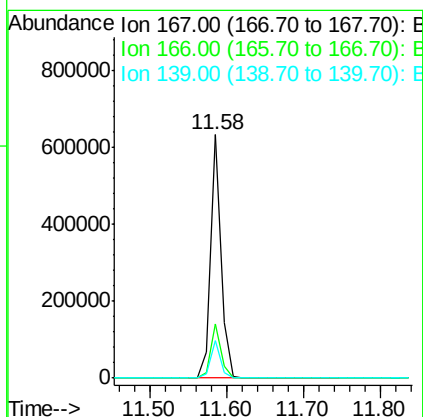
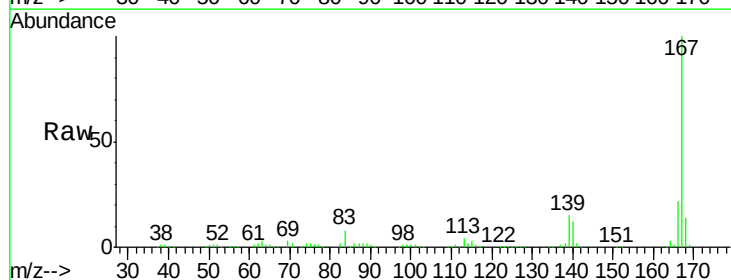
Manual Integrations
 APPROVED

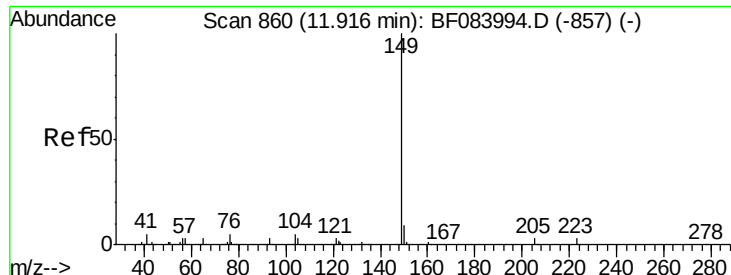
apatel
 12/23/2015 4:26:53 PM



#72
 Carbazole
 Concen: 52.26 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	15.3	11.8	17.8





#73

Di-n-butylphthalate

Concen: 52.00 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

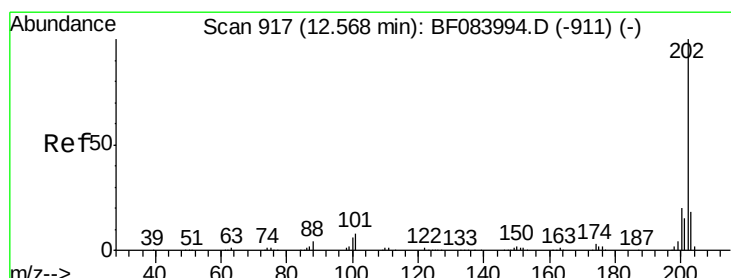
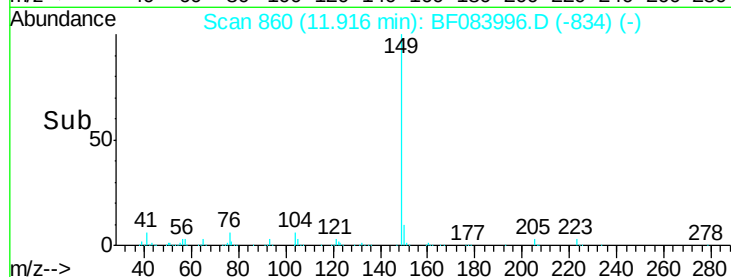
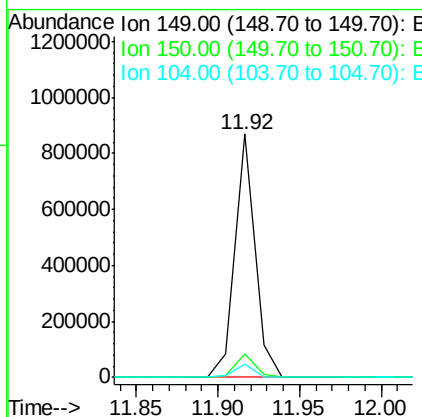
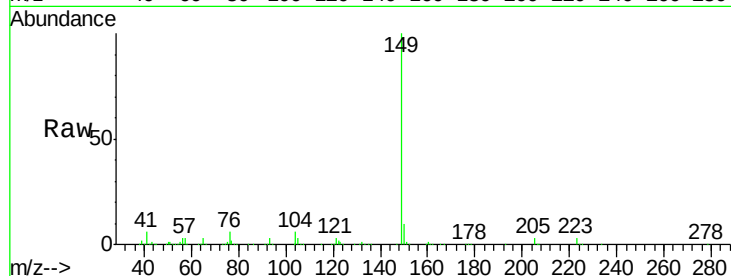
ClientSampleId :

SSTDICC060

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM

Tot Ion:	149	Resp:	736985
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.1	10.7
104	5.6	3.2	4.8



#74

Fluoranthene

Concen: 56.31 ng

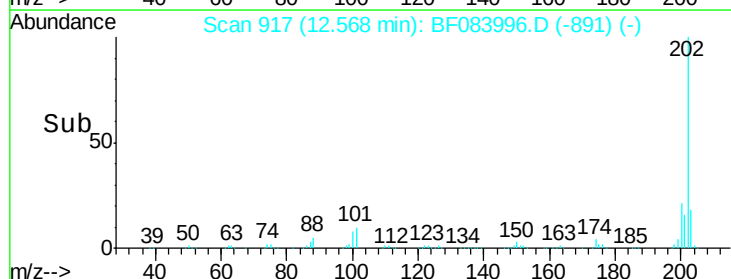
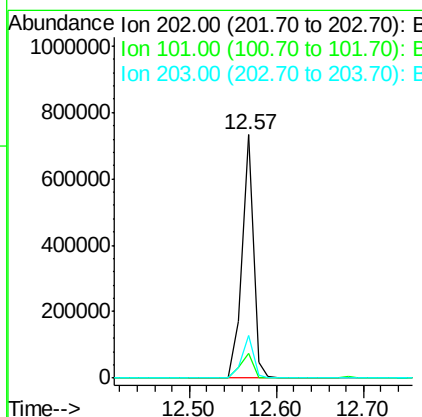
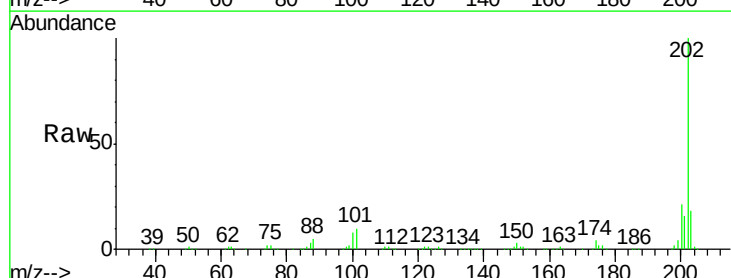
RT: 12.57 min Scan# 917

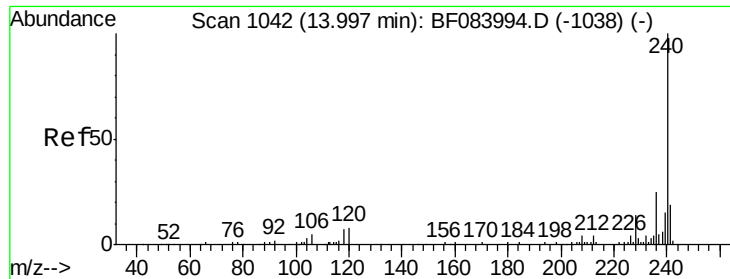
Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:	202	Resp:	660848
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	32.8
203	17.7	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

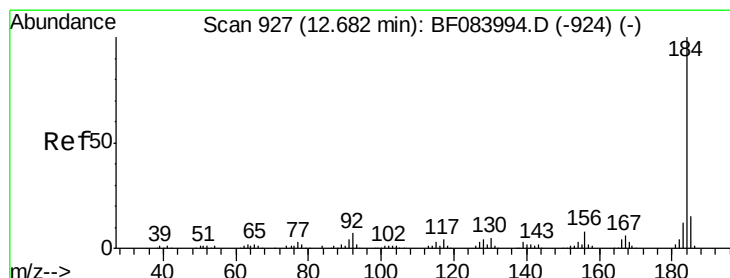
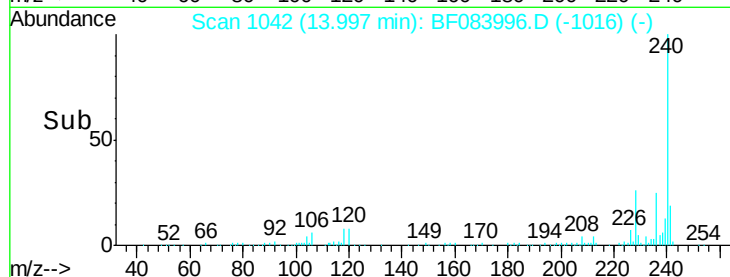
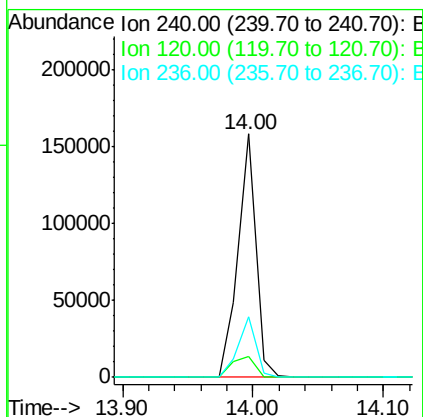
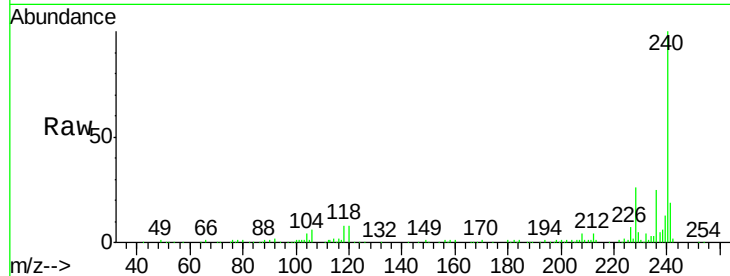
ClientSampleId :

SSTDICC060

Tot Ion:	240	Resp:	151196
Ion Ratio	Lower	Upper	
240	100		
120	8.4	9.5	14.3#
236	25.1	20.6	31.0

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



#76

Benzidine

Concen: 63.37 ng

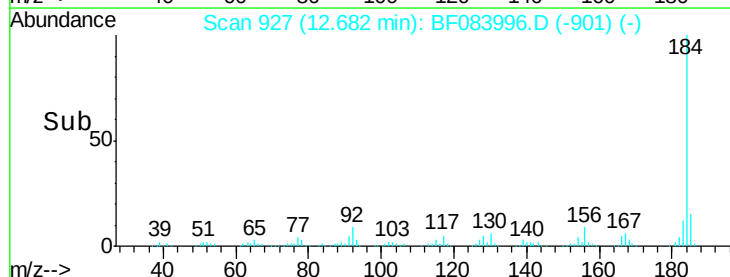
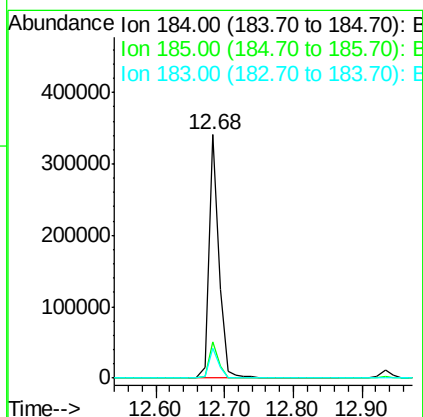
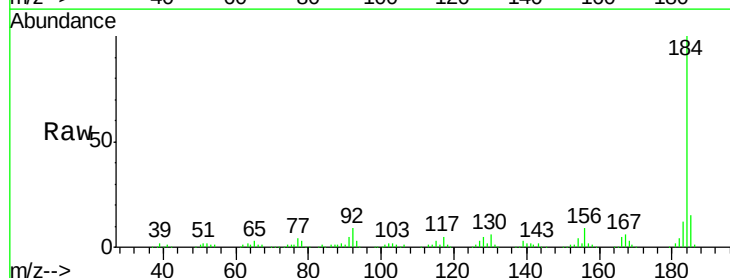
RT: 12.68 min Scan# 927

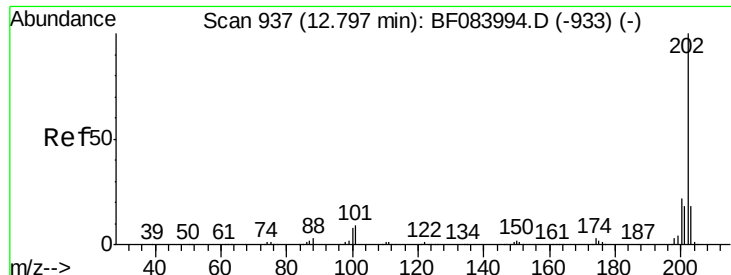
Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:	184	Resp:	344559
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	12.2	9.8	14.8





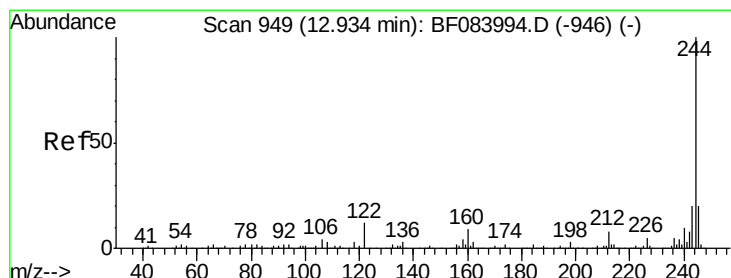
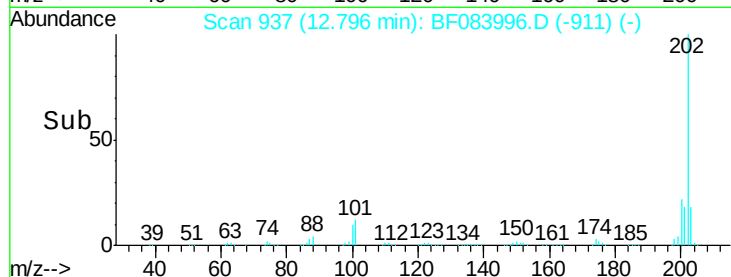
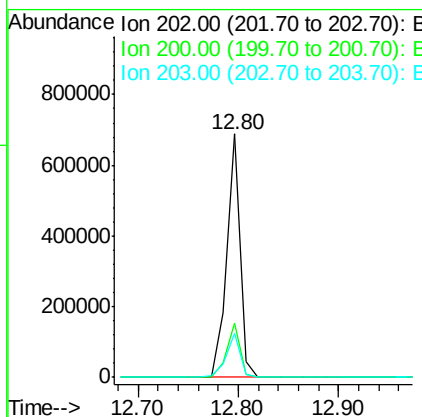
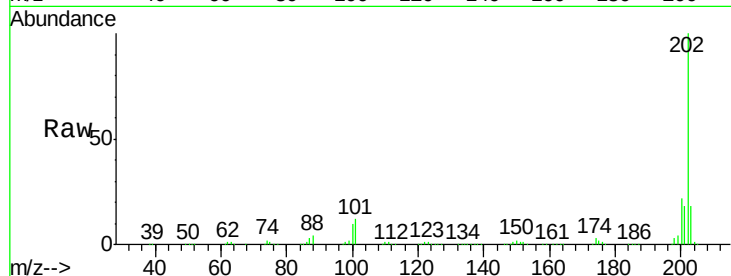
#77
Pvrene
Concen: 61.24 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	17.2	25.8
203	17.9	14.3	21.5

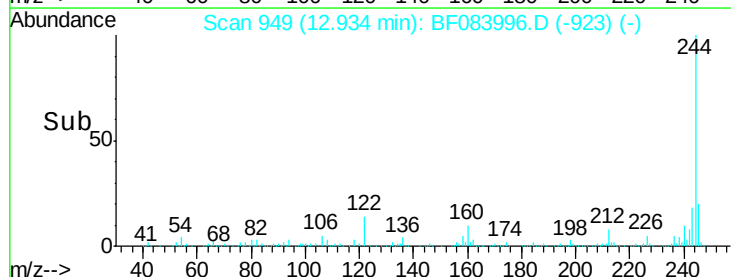
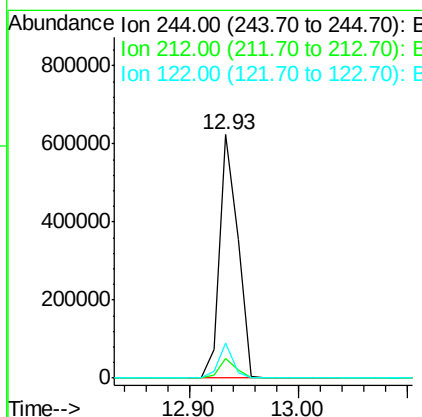
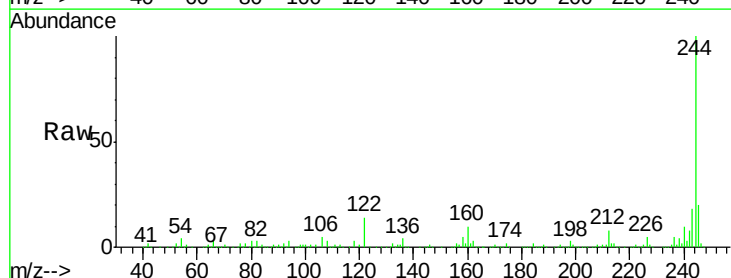
Manual Integrations
APPROVED

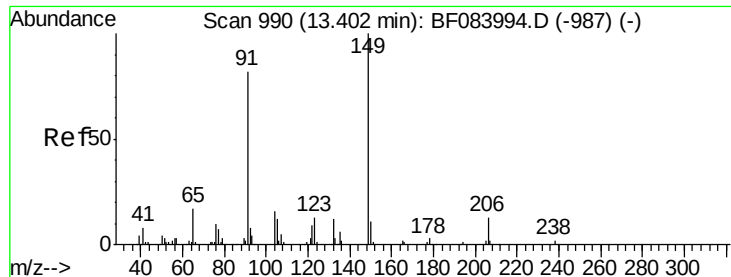
apatel
12/23/2015 4:26:53 PM



#78
Terphenyl-d14
Concen: 55.00 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	5.7	8.5
122	14.2	7.4	11.0





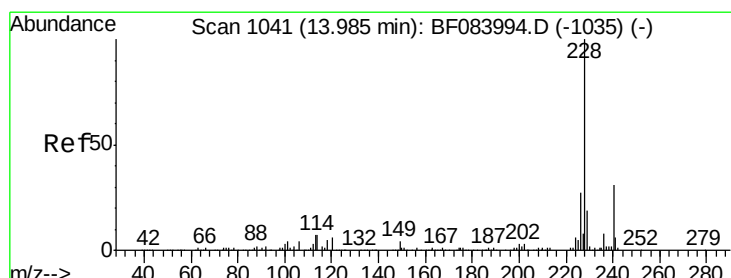
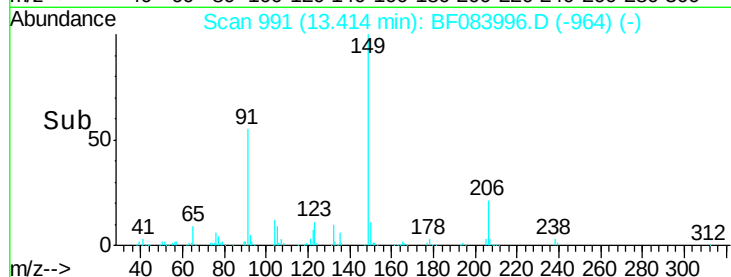
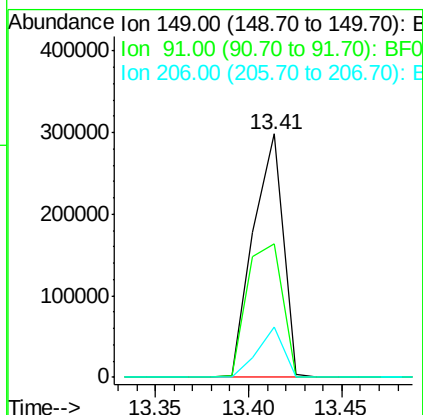
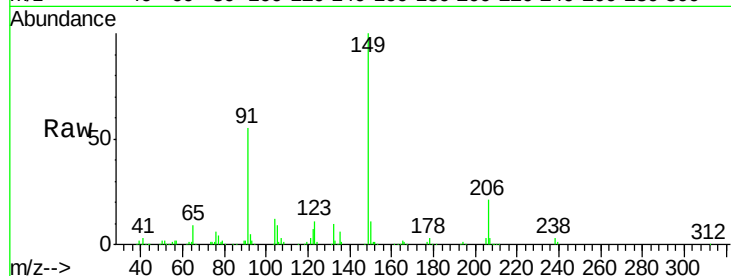
#79
Butylbenzylphthalate
Concen: 72.20 ng
RT: 13.41 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	55.0	57.6	86.4#	
206	20.9	13.2	19.8#	

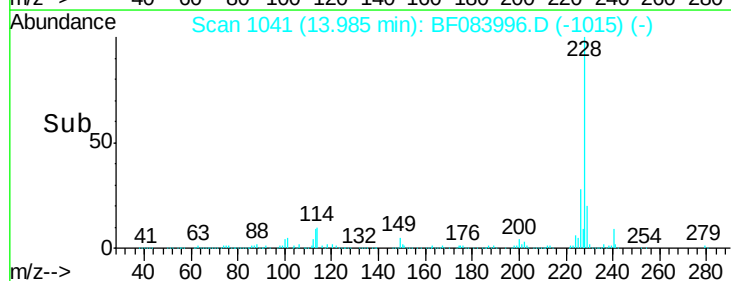
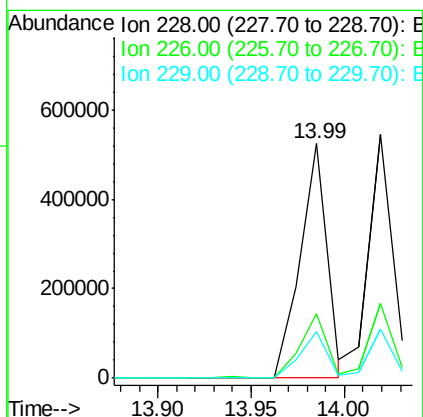
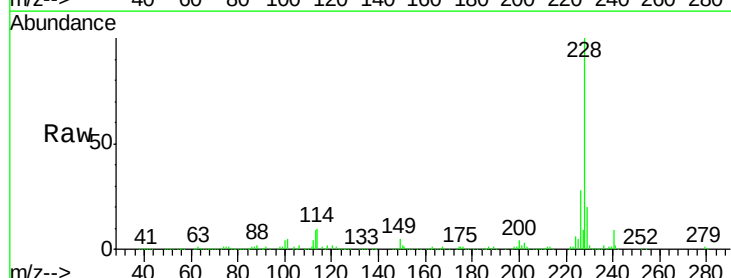
Manual Integrations
APPROVED

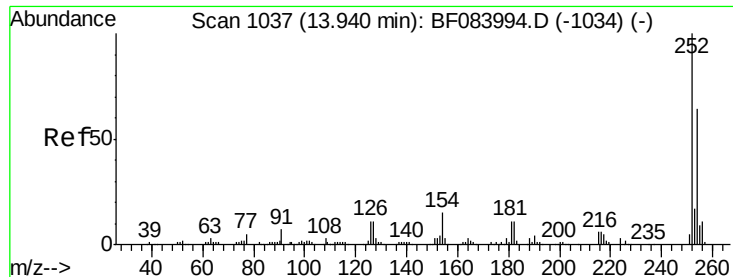
apatel
12/23/2015 4:26:53 PM



#80
Benzo(a)anthracene
Concen: 59.38 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.6	21.8	32.6	
229	19.9	15.8	23.8	





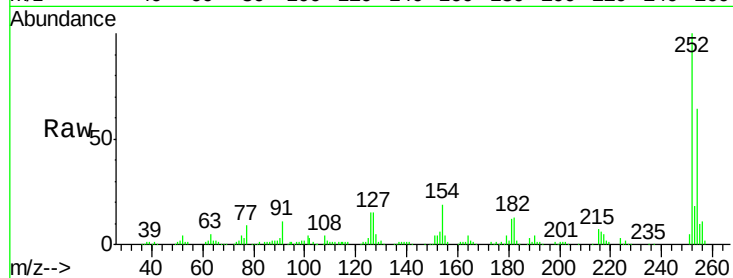
#81
 3,3'-Dichlorobenzidine
 Concen: 59.61 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

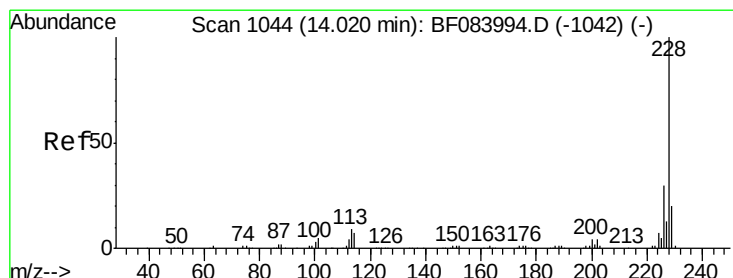
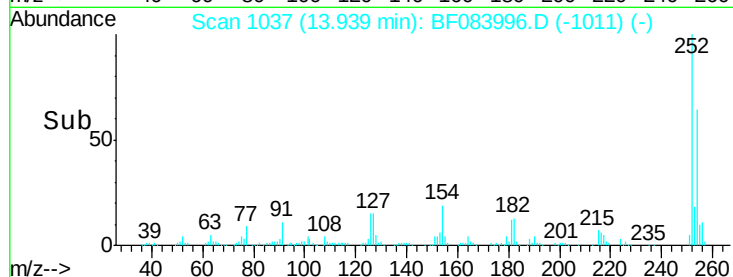
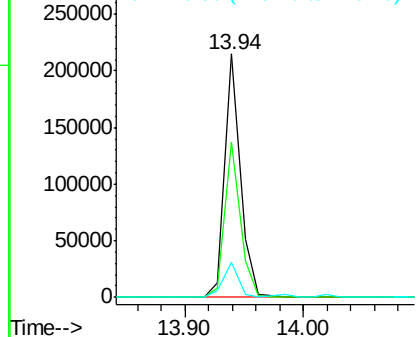
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.0	53.5	80.3
126	14.6	4.9	7.3

Manual Integrations
 APPROVED

apatel
 12/23/2015 4:26:53 PM

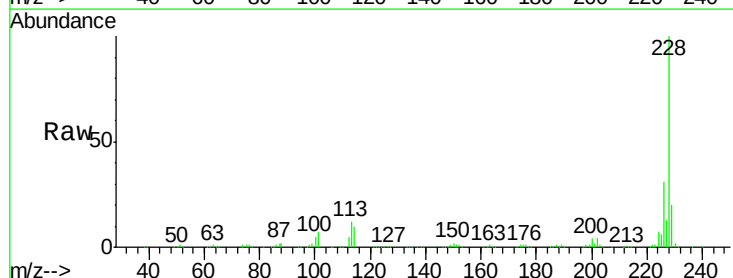


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

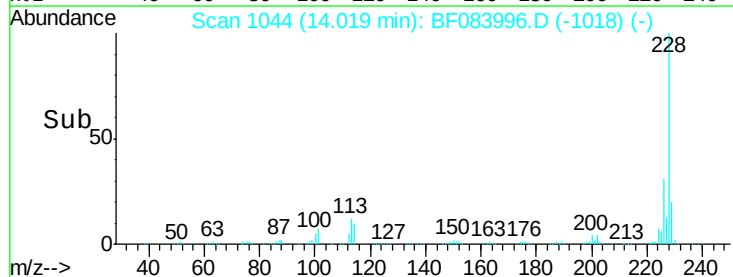
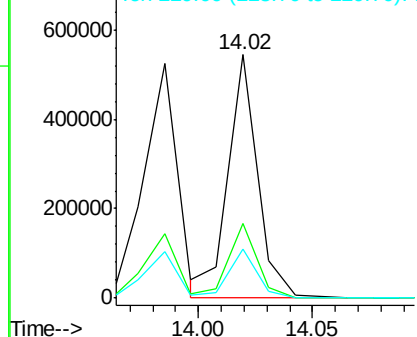


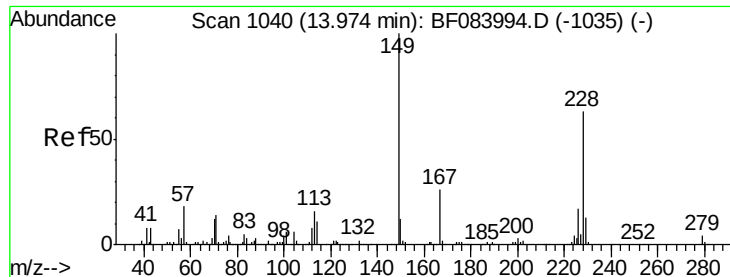
#82
 Chrysene
 Concen: 59.19 ng m
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.3	36.5
229	20.1	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 62.12 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 412546

Ion Ratio Lower Upper

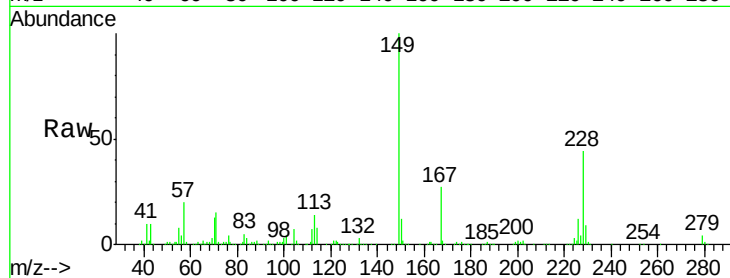
149 100

167 26.5 19.7 29.5

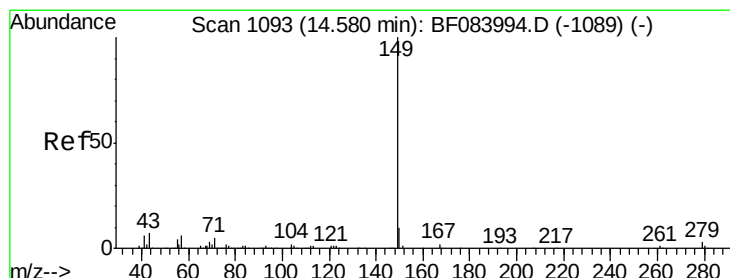
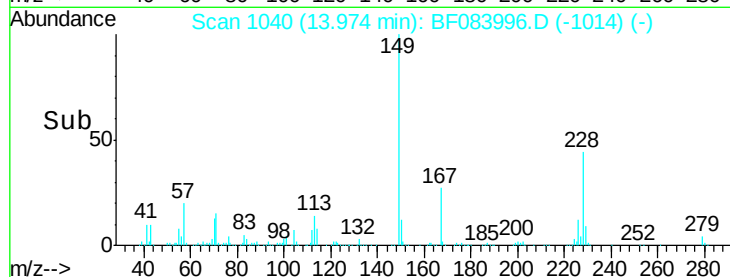
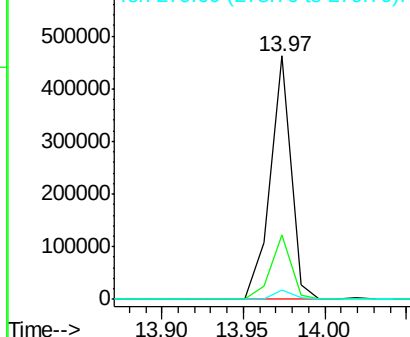
279 3.7 1.8 2.6#

Manual Integrations
APPROVED

apatel
12/23/2015 4:26:53 PM



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



#84

Di-n-octyl phthalate

Concen: 59.56 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF083996.D

Acq: 22 Dec 2015 17:12

Tgt Ion:149 Resp: 600599

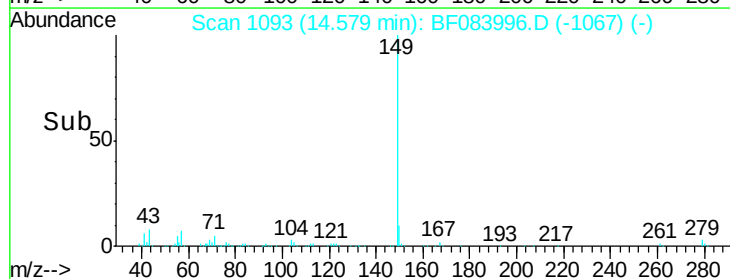
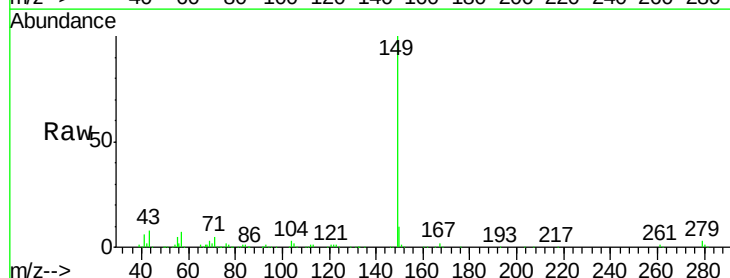
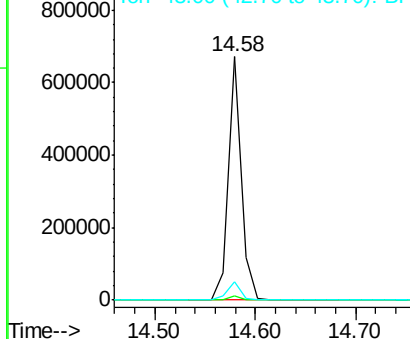
Ion Ratio Lower Upper

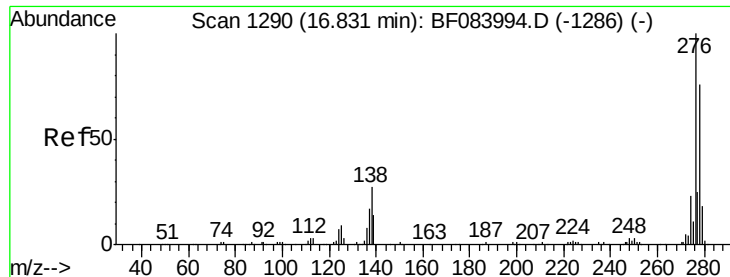
149 100

167 1.5 1.2 1.8

43 7.7 5.6 8.4

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





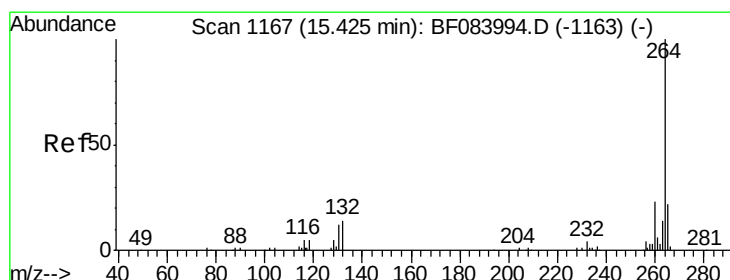
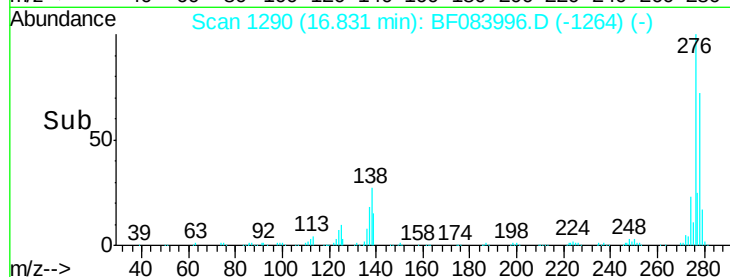
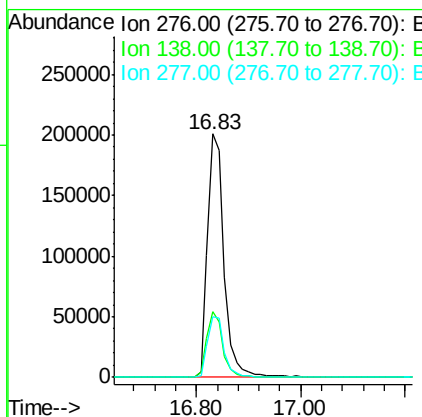
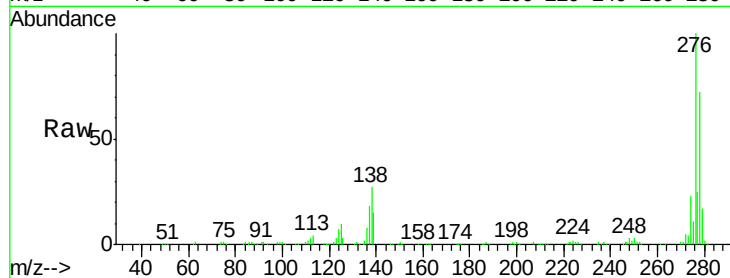
#85
Indeno(1,2,3-cd)pyrene
Concen: 64.59 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.6	30.8
277	25.3	20.1	30.1

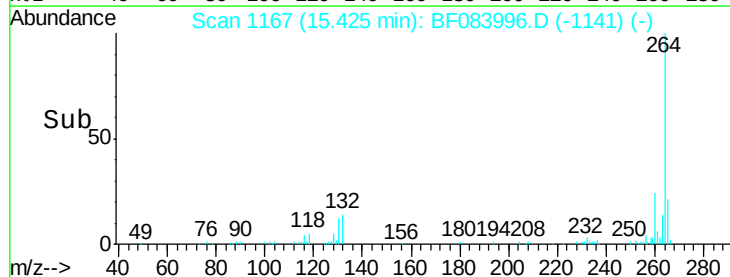
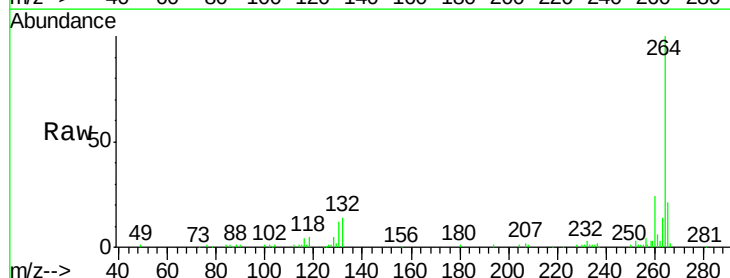
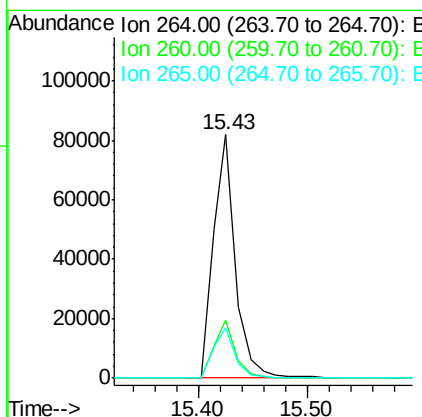
Manual Integrations
APPROVED

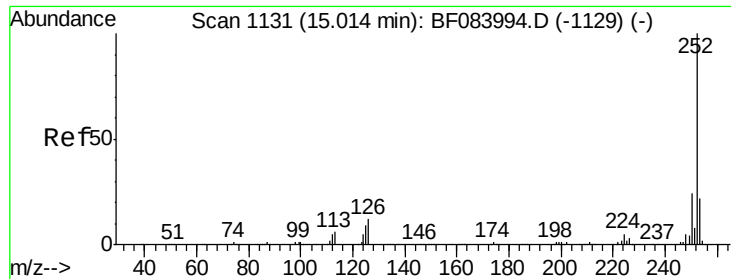
apatel
12/23/2015 4:26:53 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	20.8	17.8	26.6





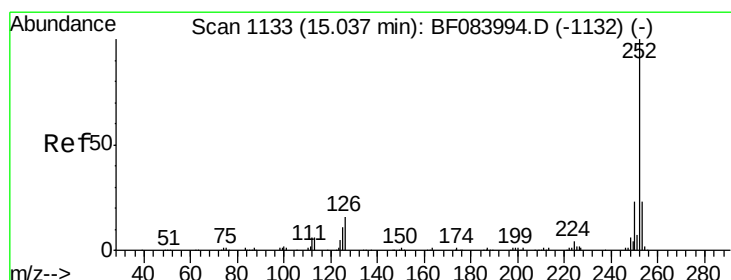
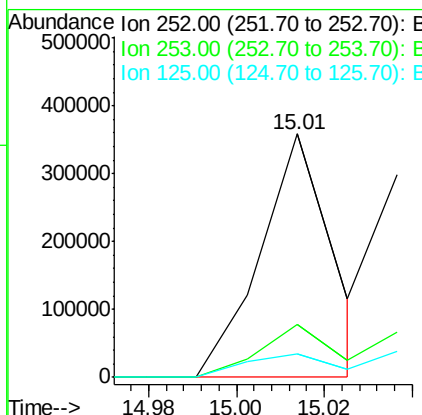
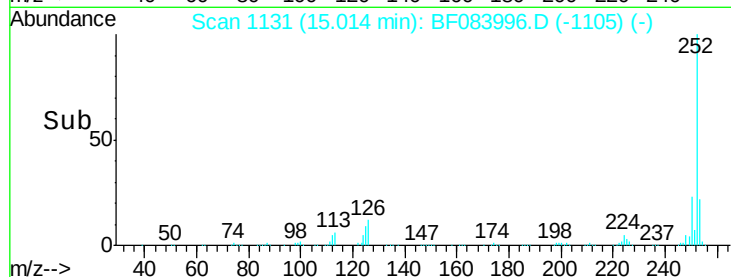
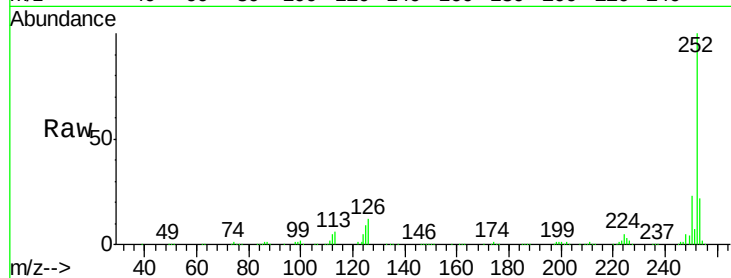
#87
Benzo(b)fluoranthene
Concen: 55.91 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	9.4	6.5	9.7

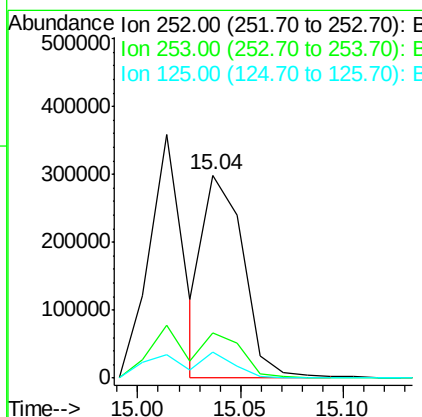
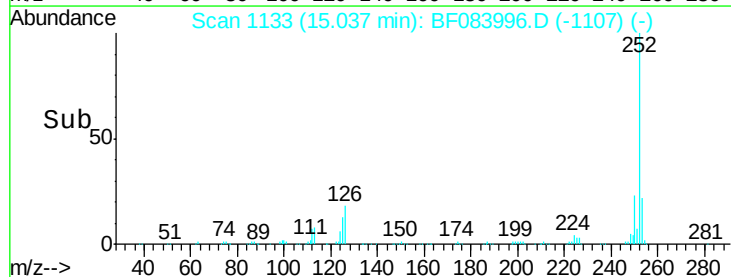
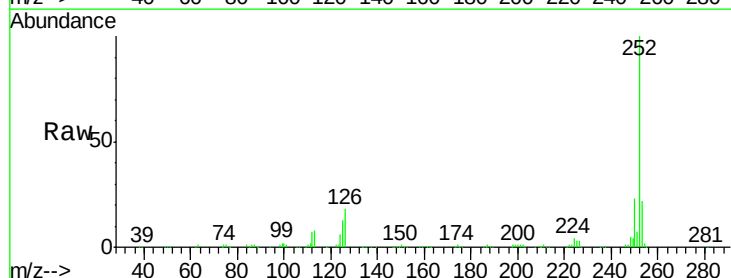
Manual Integrations
APPROVED

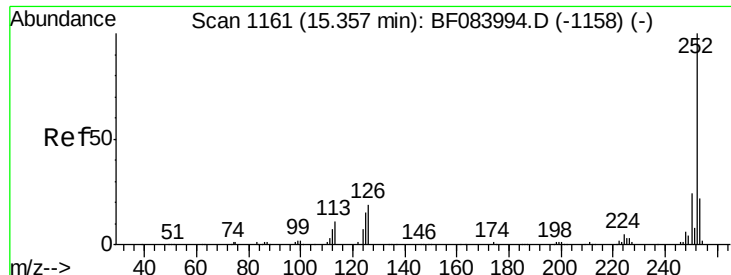
apatel
12/23/2015 4:26:53 PM



#88
Benzo(k)fluoranthene
Concen: 57.78 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.1	9.0	13.6





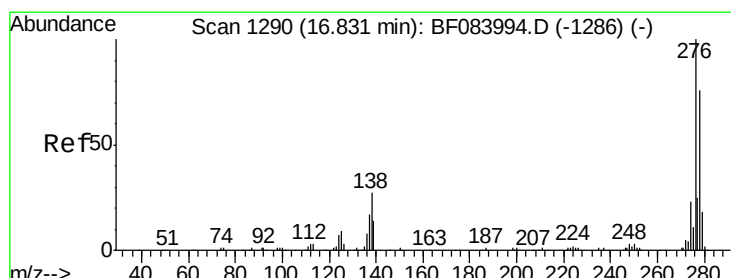
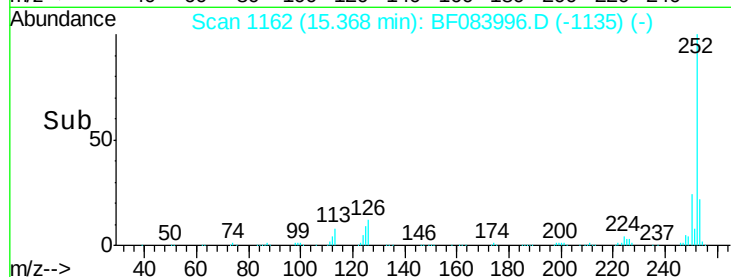
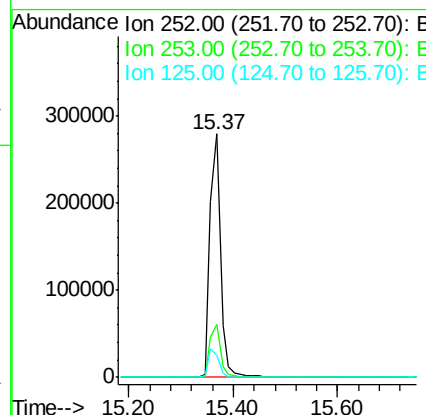
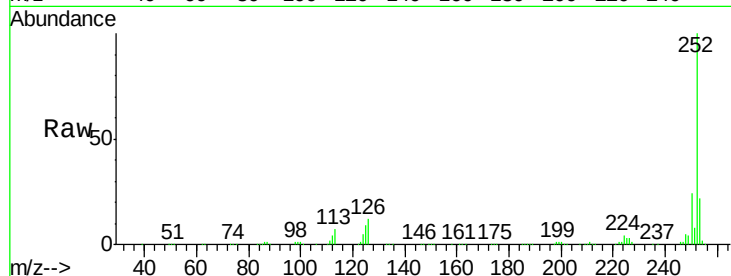
#89
Benzo(a)pyrene
Concen: 58.47 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	9.1	7.0	10.4

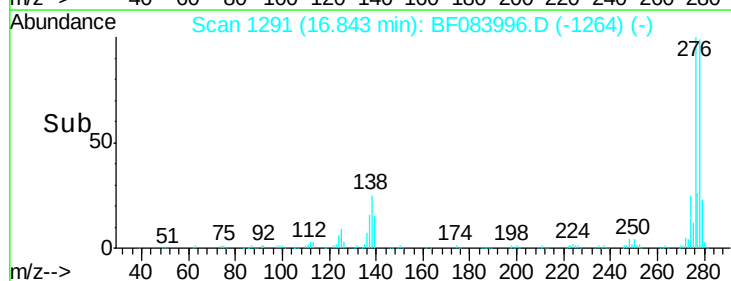
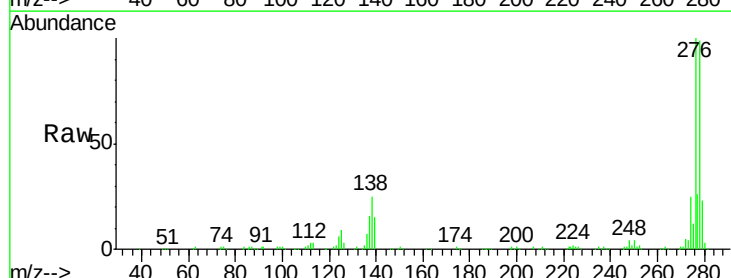
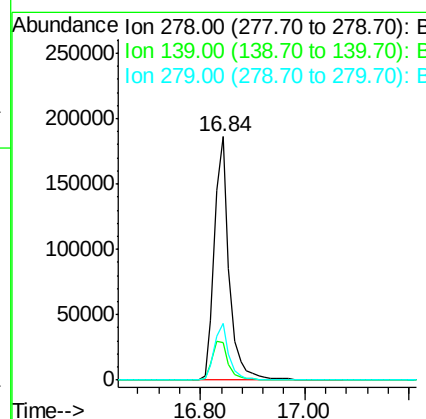
Manual Integrations
APPROVED

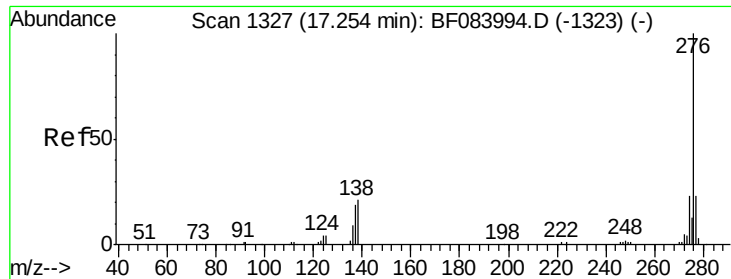
apatel
12/23/2015 4:26:53 PM



#90
Dibenzo(a,h)anthracene
Concen: 68.22 ng
RT: 16.84 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF083996.D
Acq: 22 Dec 2015 17:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	15.0	22.4
279	23.1	18.9	28.3





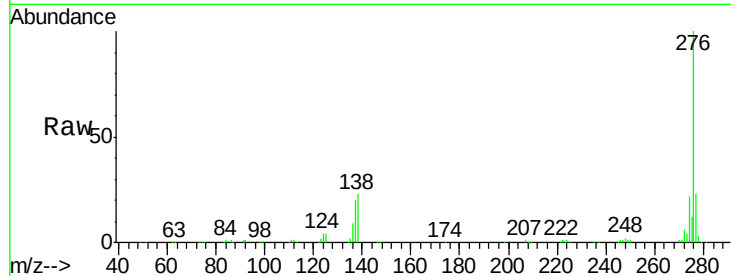
#91
 Benzo(a,h,i)perylene
 Concen: 72.46 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF083996.D
 Acq: 22 Dec 2015 17:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	276	Resp:	392641
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.8	28.2
138	23.2	17.8	26.6

Manual Integrations
 APPROVED

apatel
 12/23/2015 4:26:53 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

