

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF083997.D
 Acq On : 22 Dec 2015 17:40
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

apatel
 12/23/2015 4:27:02 PM

Quant Time: Dec 22 18:39:33 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 17:45:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	60994	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	246581	20.00	ng	0.01
38) Acenaphthene-d10	9.87	164	120819	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	196202	20.00	ng	0.00
75) Chrysene-d12	14.00	240	196534	20.00	ng	0.00
86) Perylene-d12	15.43	264	122687	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	490510	66.96	ng	0.00
7) Phenol-d6	6.49	99	633945	74.64	ng	0.01
23) Nitrobenzene-d5	7.40	82	584382	71.72	ng	0.01
41) 2,4,6-Tribromophenol	10.67	330	212838	93.84	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.94	244	1113442	65.85	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	123155	71.17	ng	99
3) Pyridine	3.10	79	288530	78.58	ng	99
4) n-Nitrosodimethylamine	3.07	42	116972	81.03	ng	100
6) Aniline	6.50	93	422748	71.52	ng	# 52
8) 2-Chlorophenol	6.62	128	330067	80.14	ng	95
9) Benzaldehyde	6.37	77	188554	65.37	ng	98
10) Phenol	6.50	94	370943	75.64	ng	77
11) bis(2-Chloroethyl)ether	6.57	93	288546	77.22	ng	92
12) 1,3-Dichlorobenzene	6.77	146	351897m	76.39	ng	
13) 1,4-Dichlorobenzene	6.85	146	359034m	80.39	ng	
14) 1,2-Dichlorobenzene	7.00	146	287136	65.46	ng	96
15) Benzyl Alcohol	6.99	79	263059	79.34	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	263834	72.51	ng	89
17) 2-Methylphenol	7.10	107	258574	78.60	ng	# 92
18) Hexachloroethane	7.34	117	129662	78.97	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	210310	82.95	ng	94
20) 3+4-Methylphenols	7.26	107	313370	76.97	ng	# 47
22) Acetophenone	7.25	105	423667	72.21	ng	97
24) Nitrobenzene	7.42	77	335118	81.18	ng	96
25) Isophorone	7.66	82	601592	78.95	ng	99
26) 2-Nitrophenol	7.73	139	163594	72.50	ng	# 83
27) 2,4-Dimethylphenol	7.79	122	284642	72.35	ng	92
28) bis(2-Chloroethoxy)methane	7.87	93	335244	69.87	ng	99
29) 2,4-Dichlorophenol	7.98	162	262314	74.99	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	281428	77.47	ng	97
31) Naphthalene	8.14	128	935035	73.35	ng	100
32) Benzoic acid	7.95	122	153147	109.52	ng	94
33) 4-Chloroaniline	8.19	127	346085	65.44	ng	98
34) Hexachlorobutadiene	8.26	225	146243	65.97	ng	99
35) Caprolactam	8.59	113	75675	71.54	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	321614	87.96	ng	98
37) 2-Methylnaphthalene	8.83	142	584477	70.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	258683	69.95	ng	99
40) Hexachlorocyclopentadiene	8.99	237	93668	120.20	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF083997.D
 Acq On : 22 Dec 2015 17:40
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

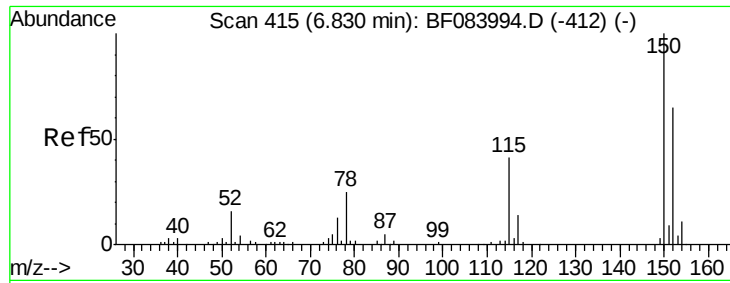
Manual Integrations
 APPROVED

apatel
 12/23/2015 4:27:02 PM

Quant Time: Dec 22 18:39:33 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 17:45:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	151553	67.78	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	160820	69.30	nq #	87
45) 1,1'-Biphenyl	9.30	154	659203	59.45	nq	98
46) 2-Chloronaphthalene	9.32	162	489573	61.58	nq	98
47) 2-Nitroaniline	9.42	65	169087	80.78	nq #	67
48) Acenaphthylene	9.73	152	870134	70.21	nq	99
49) Dimethylphthalate	9.61	163	674133	70.04	nq #	90
50) 2,6-Dinitrotoluene	9.66	165	139819	68.66	nq #	64
51) Acenaphthene	9.90	154	528282	71.92	nq	99
52) 3-Nitroaniline	9.84	138	161566	75.65	nq	91
53) 2,4-Dinitrophenol	9.95	184	69997	105.02	nq #	89
54) Dibenzofuran	10.09	168	771032	69.86	nq	98
55) 4-Nitrophenol	10.01	139	107242	87.22	nq #	79
56) 2,4-Dinitrotoluene	10.08	165	215412	86.94	nq	93
57) Fluorene	10.42	166	586073	66.63	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	142453	79.26	nq	95
59) Diethylphthalate	10.30	149	742352	79.88	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	291803	73.27	nq #	87
61) 4-Nitroaniline	10.45	138	177652	82.27	nq	96
62) Azobenzene	10.58	77	701110	86.45	nq	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	107673m	104.48	nq	
65) n-Nitrosodiphenylamine	10.53	169	538146	73.39	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	177166	78.54	nq #	71
67) Hexachlorobenzene	10.98	284	190209	77.05	nq	96
68) Atrazine	11.07	200	174794	79.75	nq	97
69) Pentachlorophenol	11.17	266	74723	114.28	nq	99
70) Phenanthrene	11.38	178	795488	70.52	nq	98
71) Anthracene	11.44	178	805809	70.32	nq	99
72) Carbazole	11.60	167	806793	76.08	nq	97
73) Di-n-butylphthalate	11.92	149	919077	68.90	nq #	97
74) Fluoranthene	12.57	202	791396	70.78	nq	99
76) Benzidine	12.69	184	500605	70.17	nq	99
77) Pyrene	12.80	202	812756	60.27	nq	99
79) Butylbenzylphthalate	13.41	149	482204	78.40	nq	97
80) Benzo(a)anthracene	13.98	228	798820	69.12	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	348145	81.98	nq #	97
82) Chrysene	14.03	228	784101	73.69	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	594657	68.48	nq #	97
84) Di-n-octyl phthalate	14.58	149	1039795	79.42	nq	100
85) Indeno(1,2,3-cd)pyrene	16.84	276	563403	62.74	nq	99
88) Benzo(k)fluoranthene	15.05	252	559517m	75.44	nq	
89) Benzo(a)pyrene	15.37	252	546415	75.69	nq #	96
90) Dibenzo(a,h)anthracene	16.85	278	474293	79.88	nq #	94
91) Benzo(g,h,i)perylene	17.27	276	477703	79.49	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 60994

Ion Ratio Lower Upper

152 100

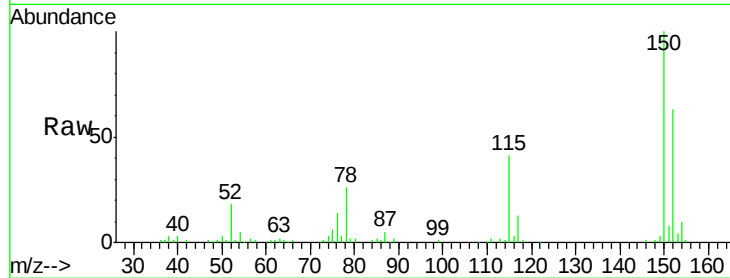
150 157.5 123.0 184.4

115 65.1 51.4 77.2

Manual Integrations
APPROVED

apatel

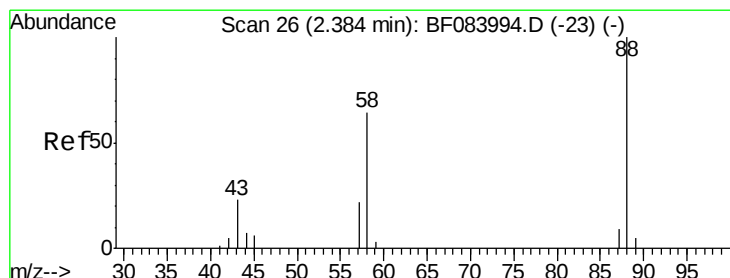
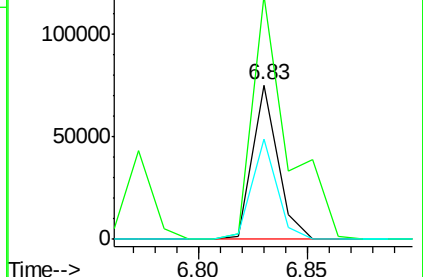
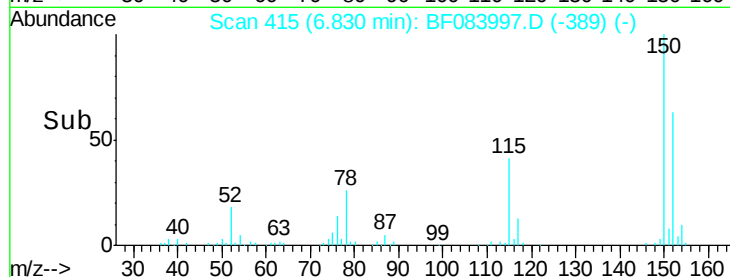
12/23/2015 4:27:02 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 71.17 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

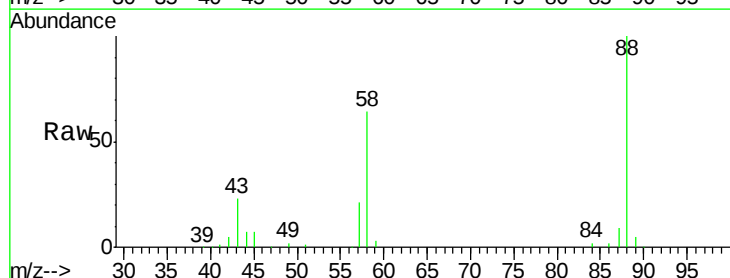
Tgt Ion: 88 Resp: 123155

Ion Ratio Lower Upper

88 100

58 63.3 51.2 76.8

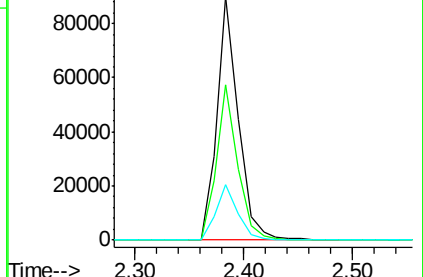
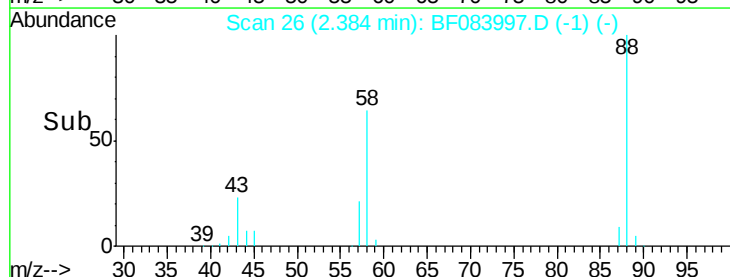
43 23.3 19.5 29.3

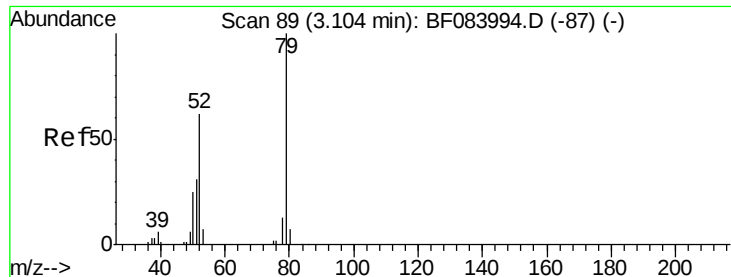


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





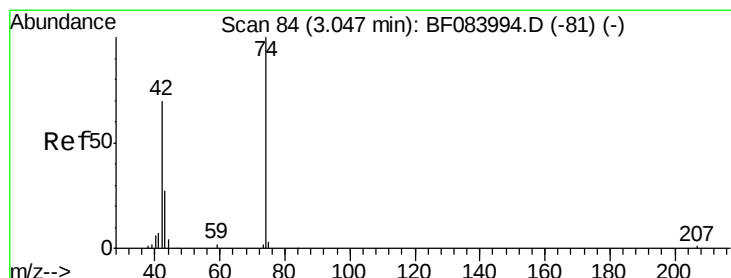
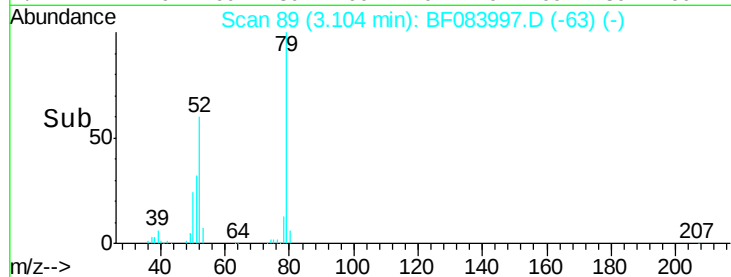
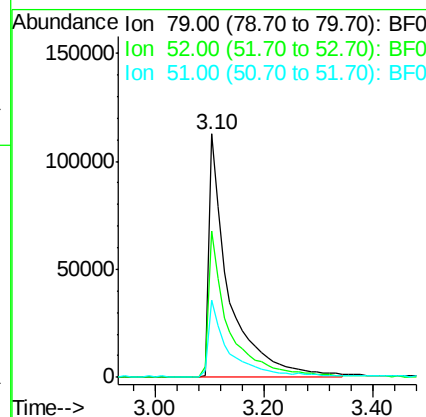
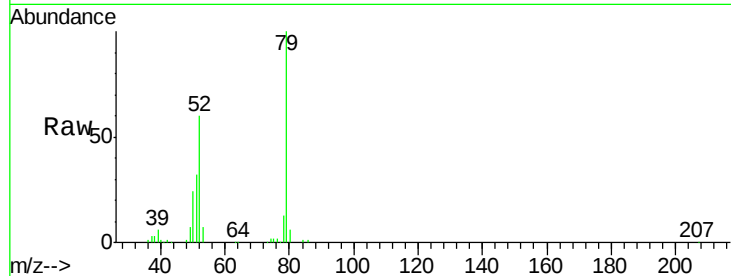
#3
 Pvridine
 Concen: 78.58 ng
 RT: 3.10 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		288530		
52	59.9	49.0	73.4		
51	32.0	25.2	37.8		

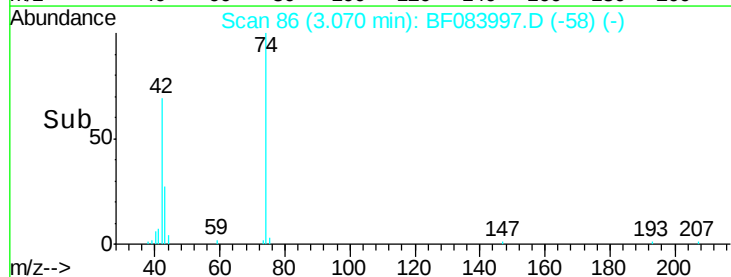
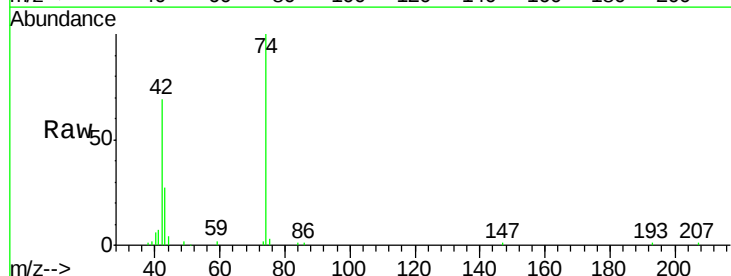
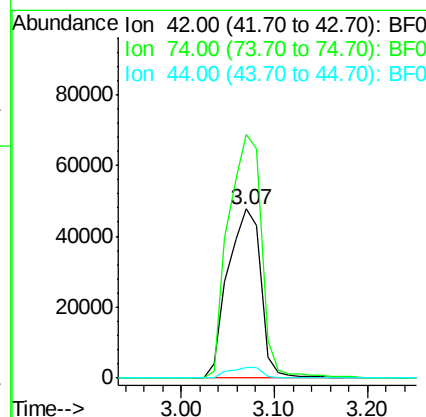
Manual Integrations
 APPROVED

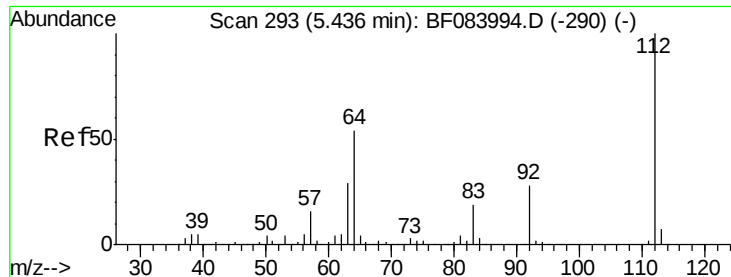
apatel
 12/23/2015 4:27:02 PM



#4
 n-Nitrosodimethylamine
 Concen: 81.03 ng
 RT: 3.07 min Scan# 86
 Delta R.T. 0.02 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		116972		
74	144.0	115.7	173.5		
44	6.2	5.1	7.7		





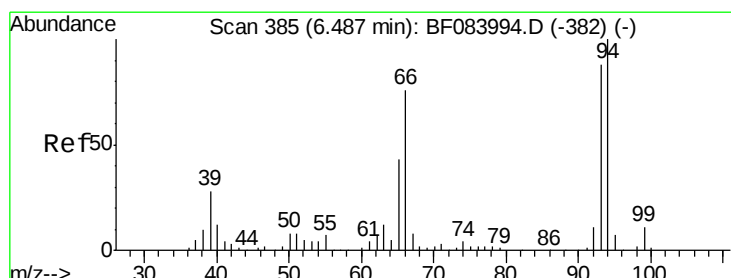
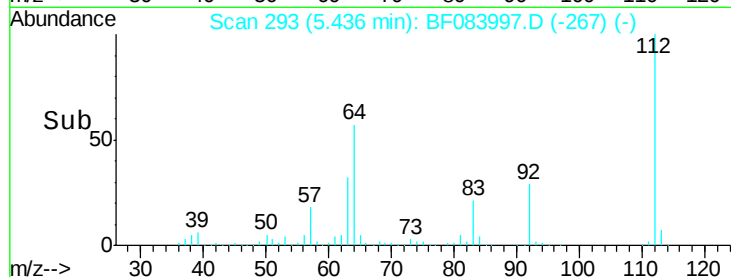
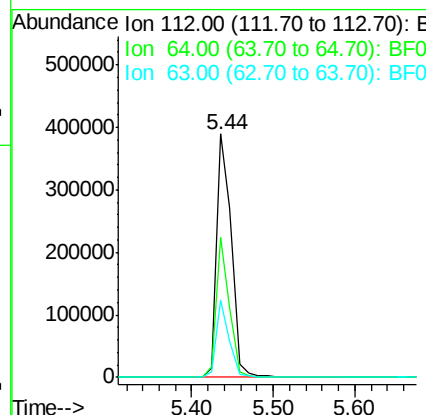
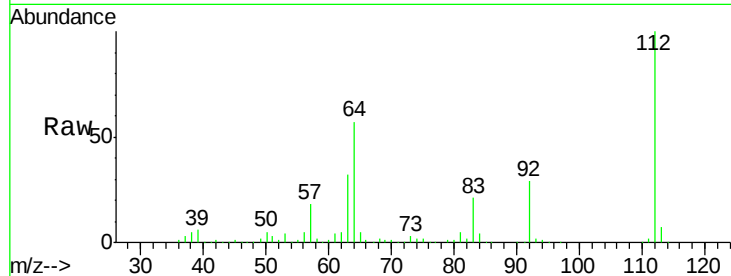
#5
2-Fluorophenol
Concen: 66.96 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.4	36.6	55.0#
63	31.7	19.4	29.0#

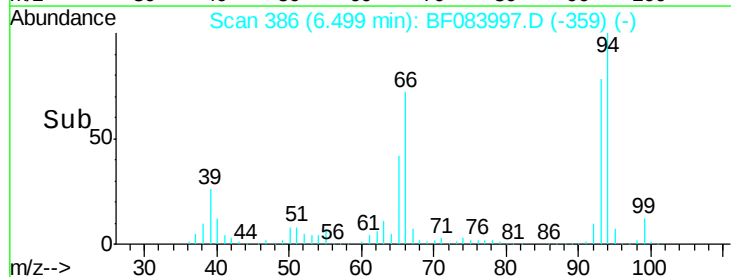
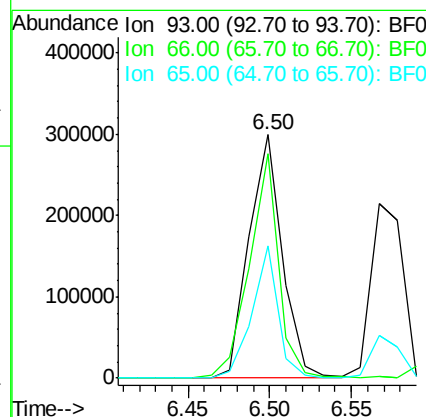
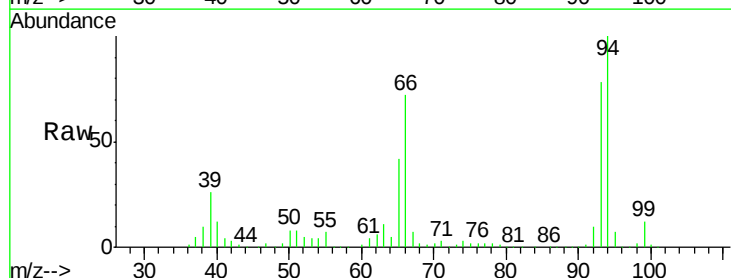
Manual Integrations
APPROVED

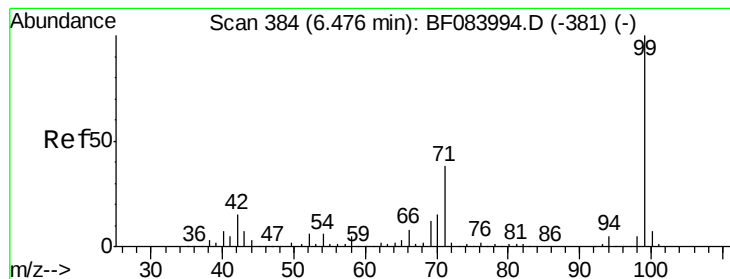
apatel
12/23/2015 4:27:02 PM



#6
Aniline
Concen: 71.52 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	92.2	44.9	67.3#
65	54.4	23.7	35.5#





#7

Phenol-d6

Concen: 74.64 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

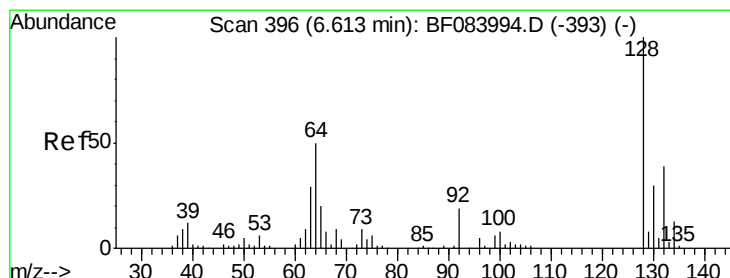
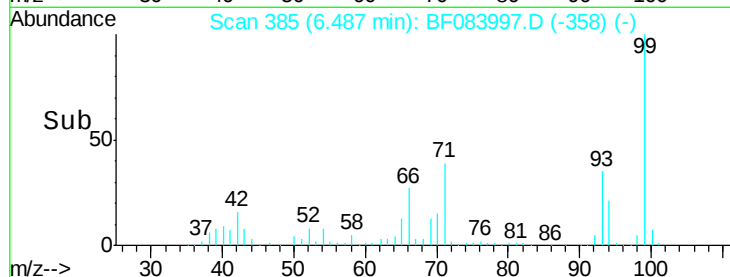
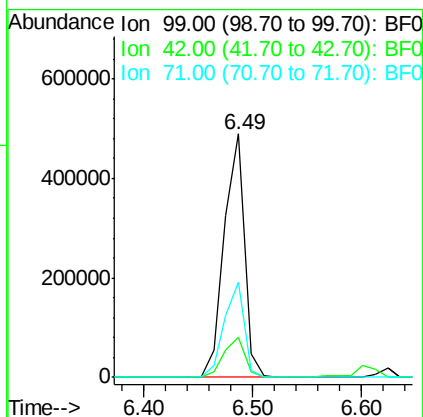
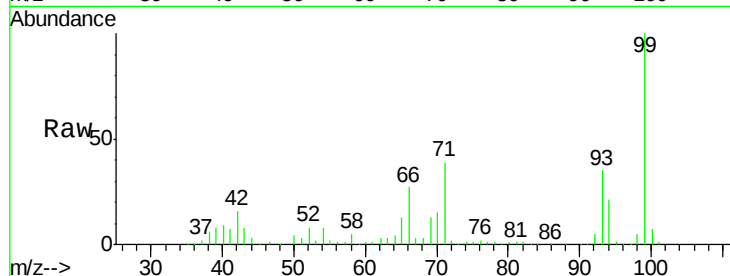
ClientSampleId :

SSTDICC080

Tot Ion:	99	Resp:	633945
Ion Ratio	Lower	Upper	
99	100		
42	16.2	12.8	19.2
71	39.0	30.9	46.3

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#8

2-Chlorophenol

Concen: 80.14 ng

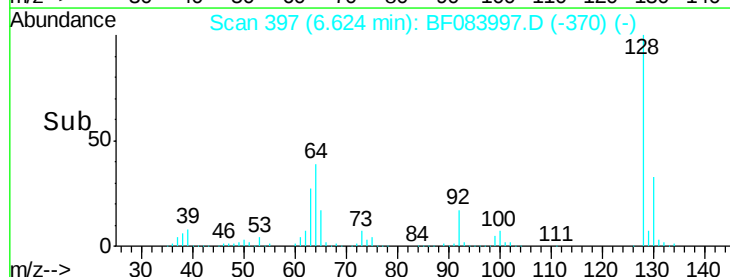
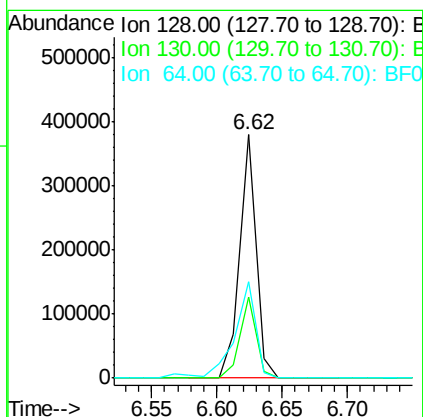
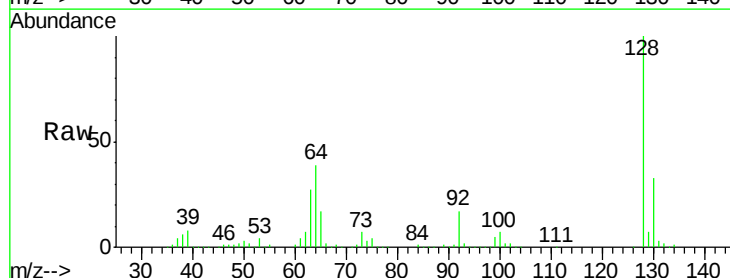
RT: 6.62 min Scan# 397

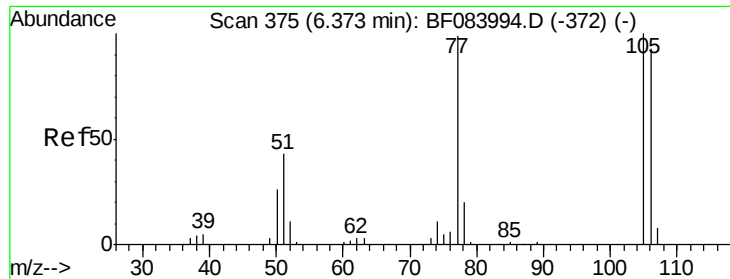
Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Tgt Ion:	128	Resp:	330067
Ion Ratio	Lower	Upper	
128	100		
130	33.1	11.6	51.6
64	39.5	23.8	63.8





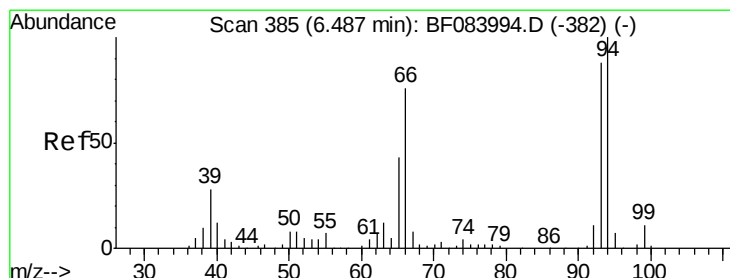
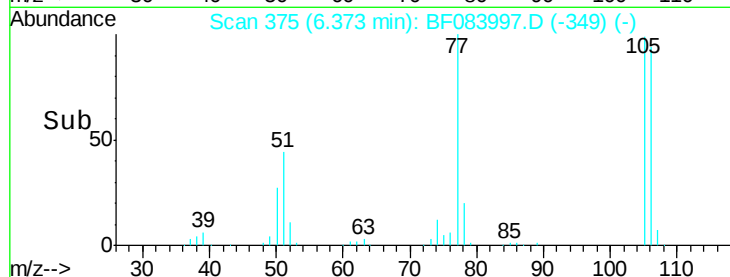
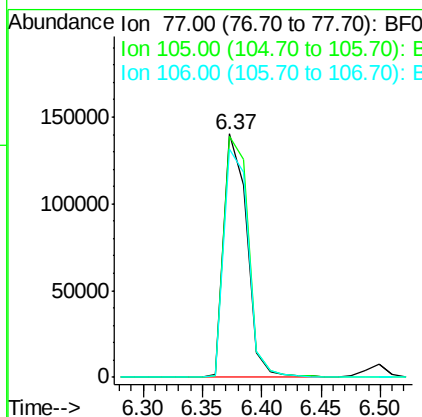
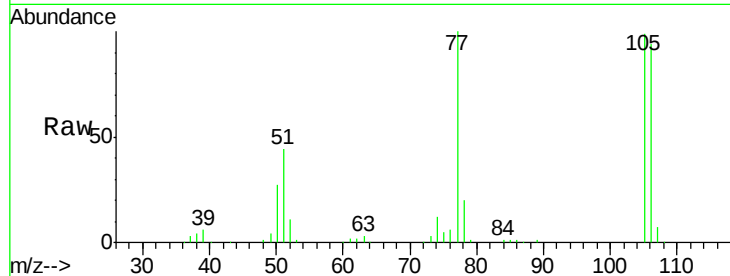
#9
Benzaldehyde
Concen: 65.37 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.0	83.0	123.0
106	93.7	74.6	114.6

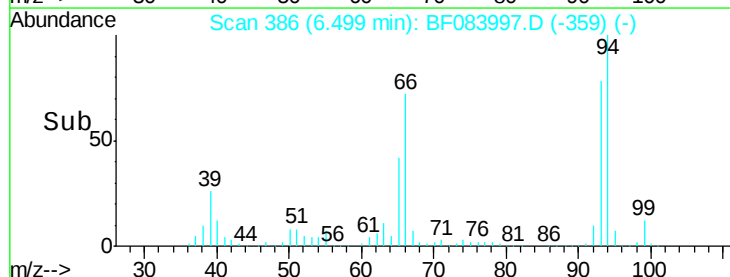
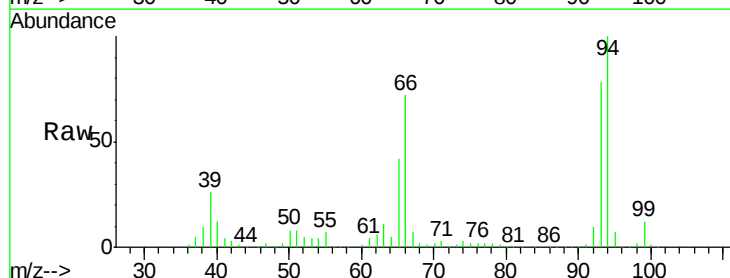
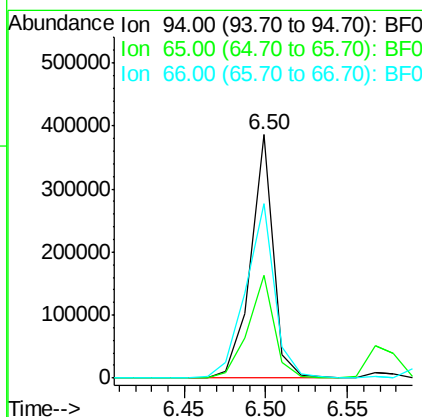
Manual Integrations
APPROVED

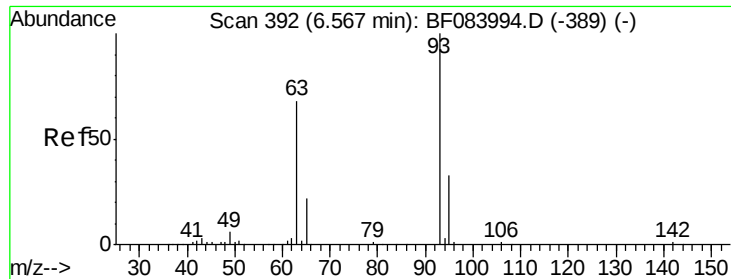
apatel
12/23/2015 4:27:02 PM



#10
Phenol
Concen: 75.64 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.2	12.9	52.9
66	71.5	32.7	72.7





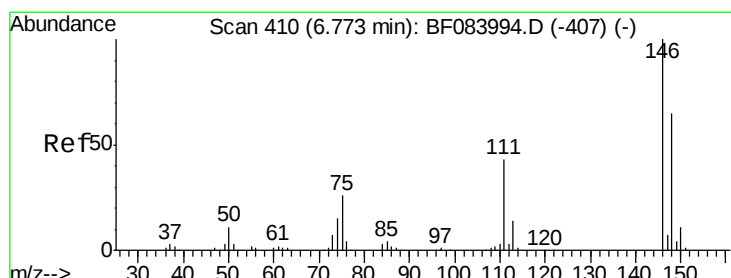
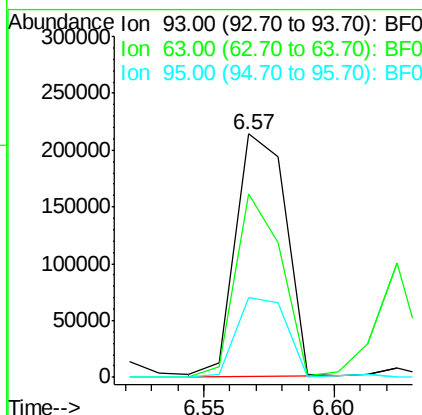
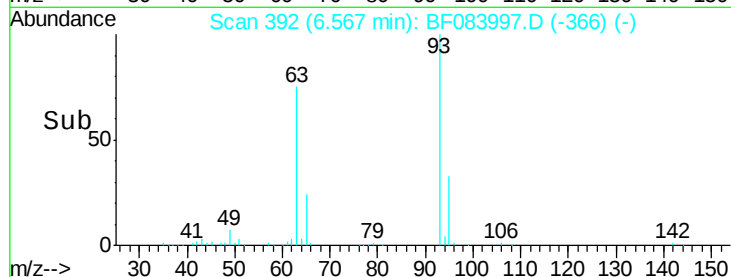
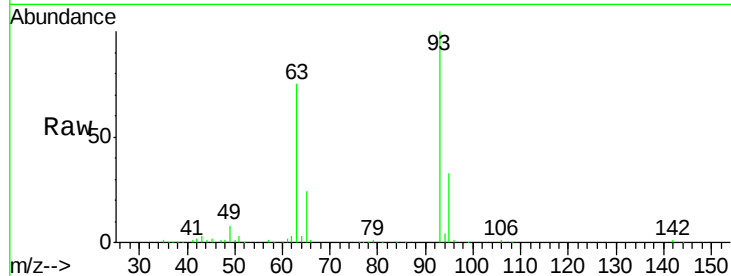
#11
bis(2-Chloroethyl)ether
Concen: 77.22 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	93	Resp:	288546
Ion Ratio	Lower	Upper	
93	100		
63	75.2	45.9	85.9
95	32.6	12.3	52.3

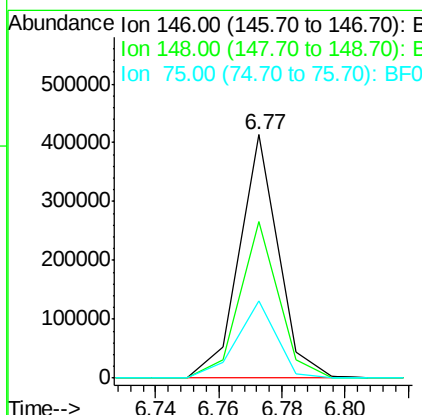
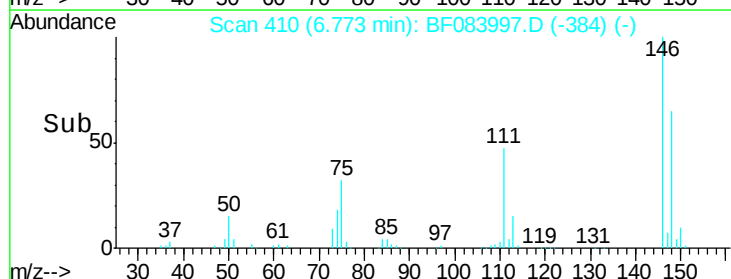
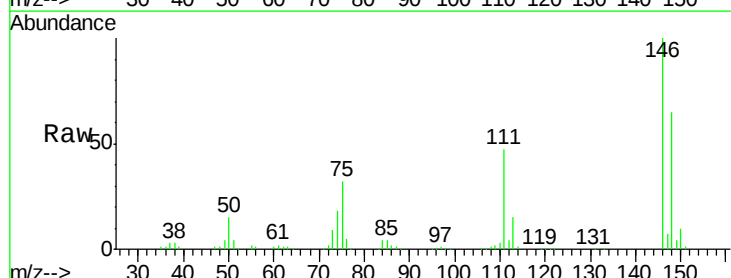
Manual Integrations
APPROVED

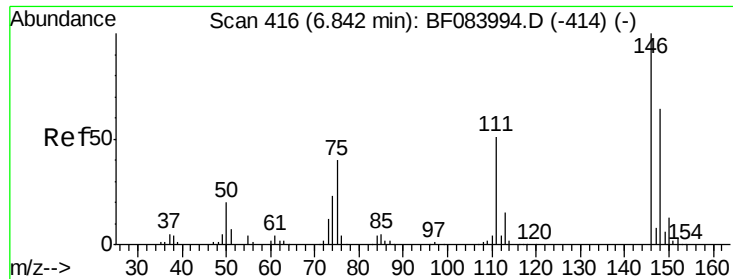
apatel
12/23/2015 4:27:02 PM



#12
1,3-Dichlorobenzene
Concen: 76.39 ng m
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion:	146	Resp:	351897
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.9	77.9
75	31.9	20.5	30.7#





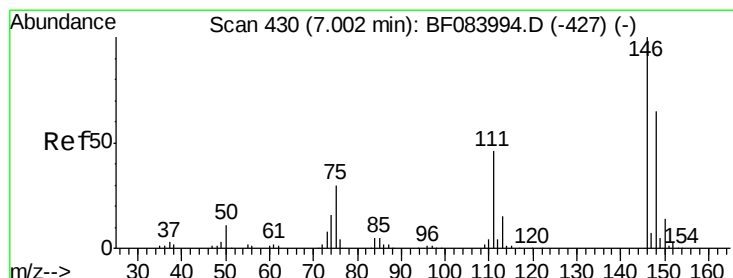
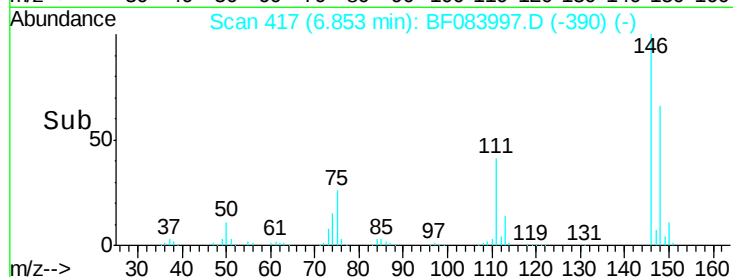
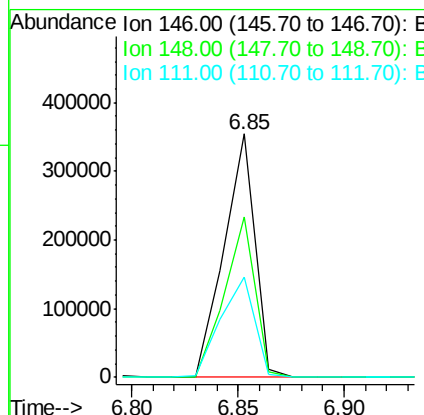
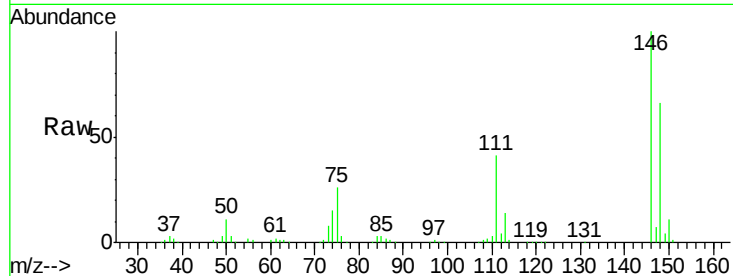
#13
 1,4-Dichlorobenzene
 Concen: 80.39 ng/mL
 RT: 6.85 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	41.1	41.6	62.4

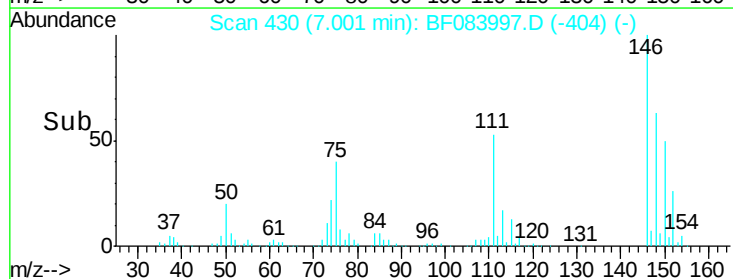
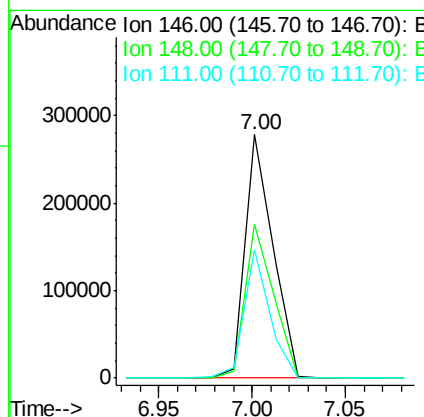
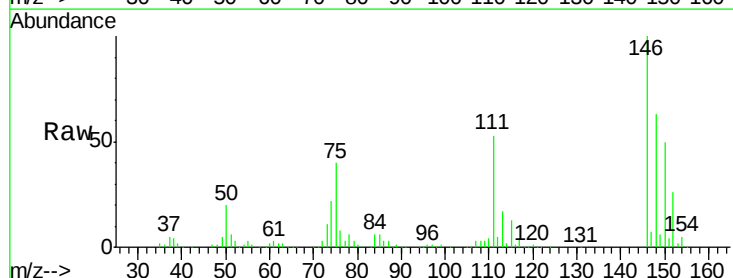
Manual Integrations
 APPROVED

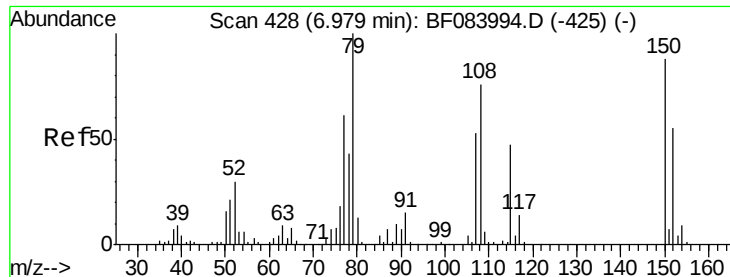
apatel
 12/23/2015 4:27:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 65.46 ng/mL
 RT: 7.00 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	52.9	38.0	57.0





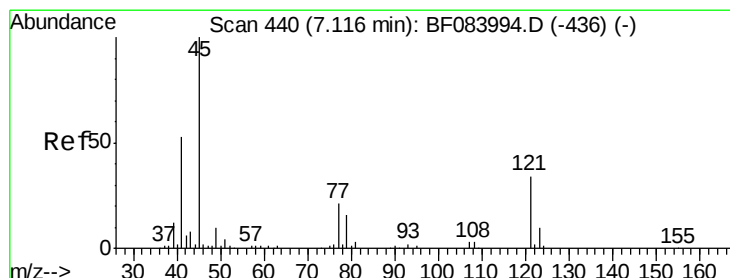
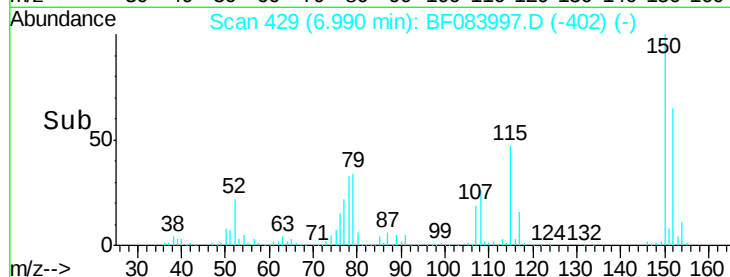
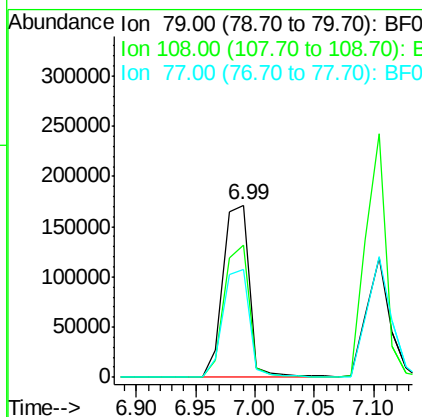
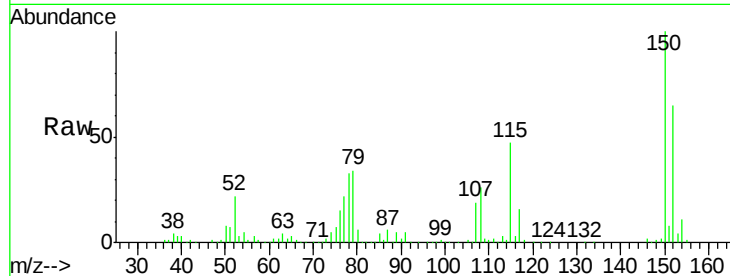
#15
Benzyl Alcohol
Concen: 79.34 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	69.0	103.4
77	62.6	50.0	75.0

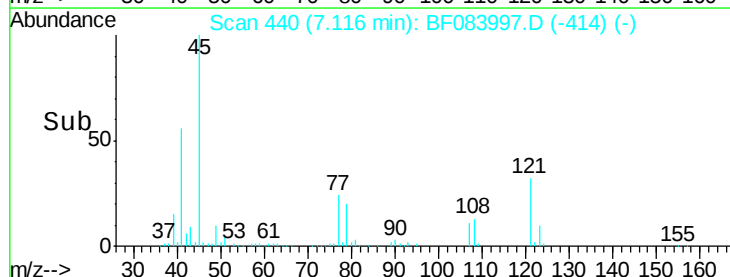
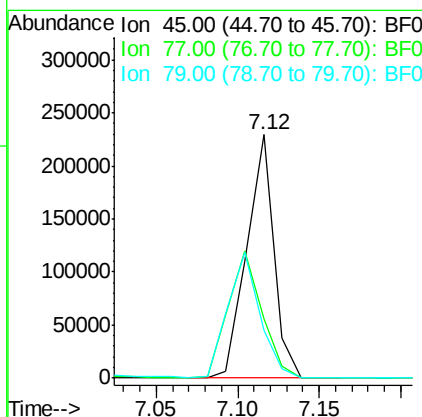
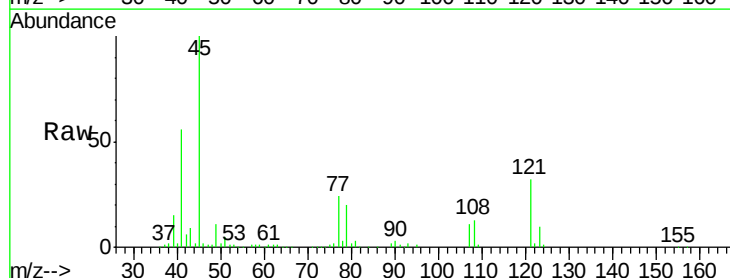
Manual Integrations
APPROVED

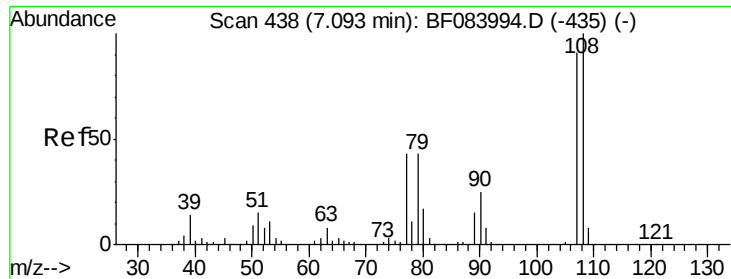
apatel
12/23/2015 4:27:02 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 72.51 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.4	0.0	39.6
79	19.7	0.0	35.0





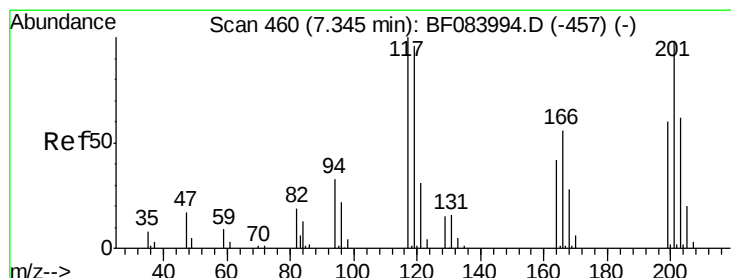
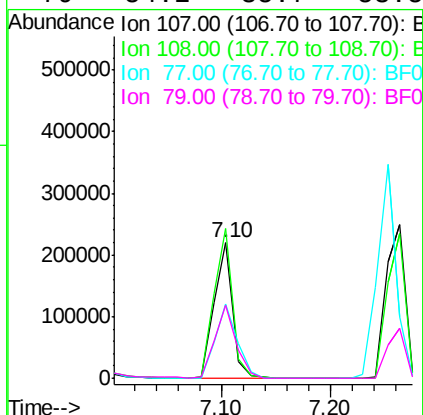
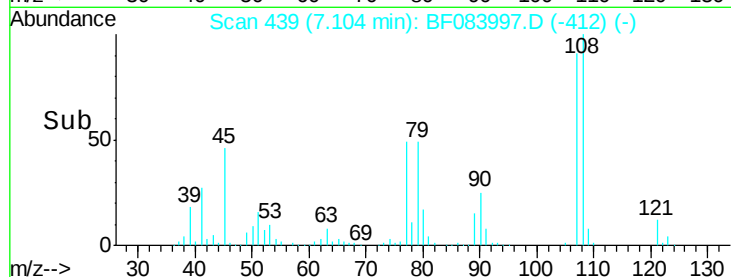
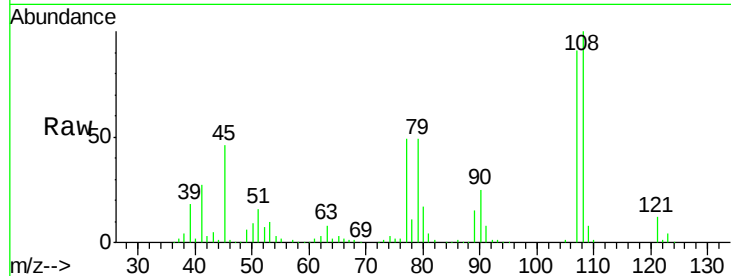
#17
2-Methylphenol
Concen: 78.60 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100	258574		
108	110.3	89.8	134.6	
77	54.4	35.7	53.5#	
79	54.2	35.7	53.5#	

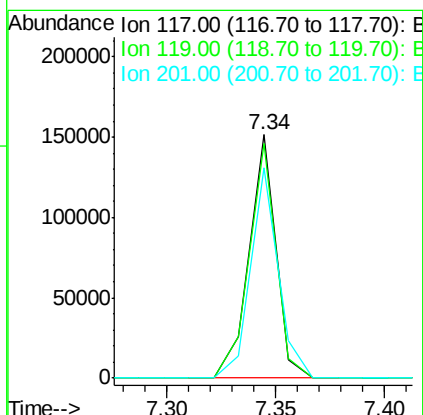
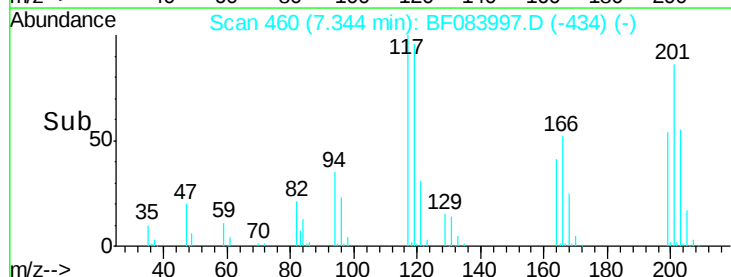
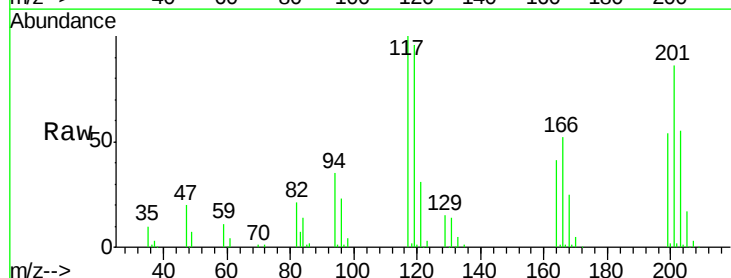
Manual Integrations
APPROVED

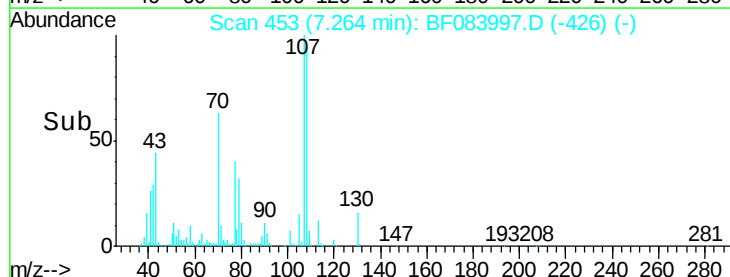
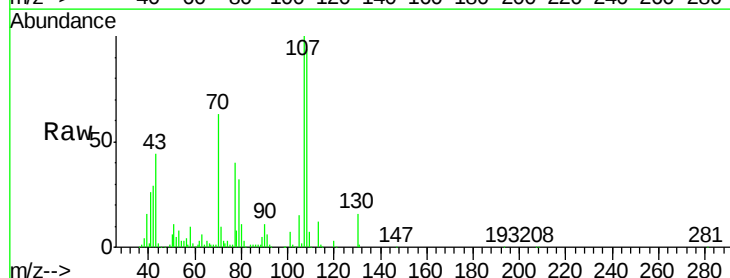
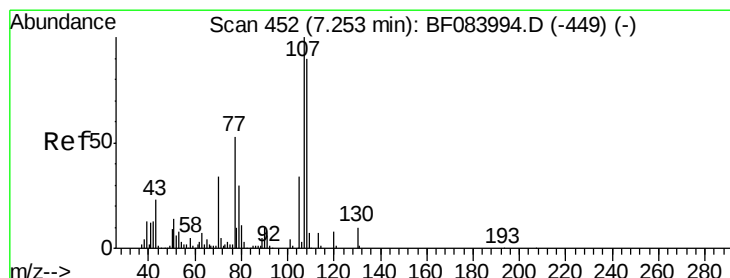
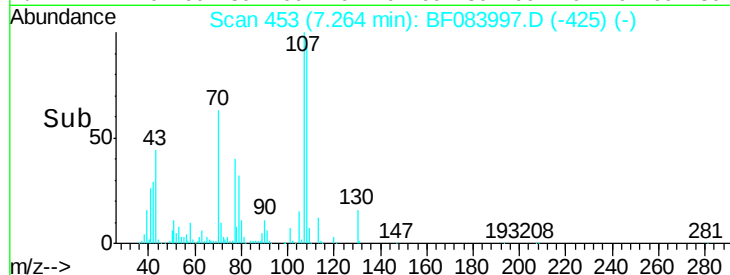
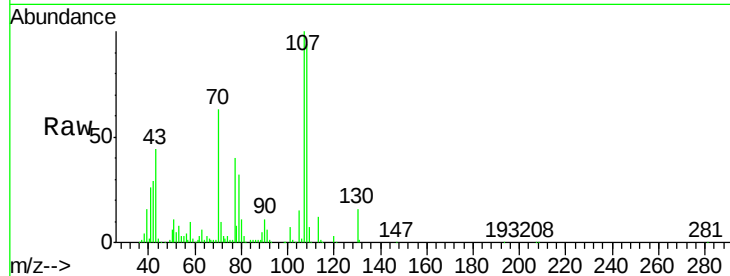
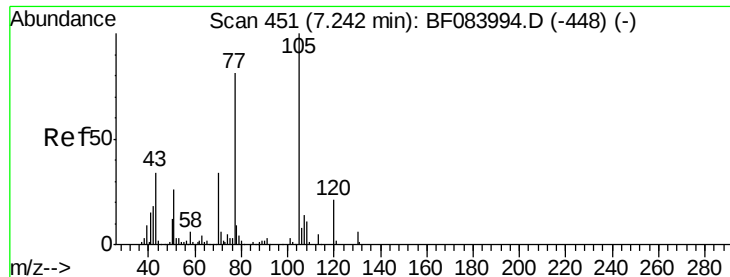
apatel
12/23/2015 4:27:02 PM



#18
Hexachloroethane
Concen: 78.97 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129662		
119	96.2	77.4	116.0	
201	86.4	68.6	103.0	





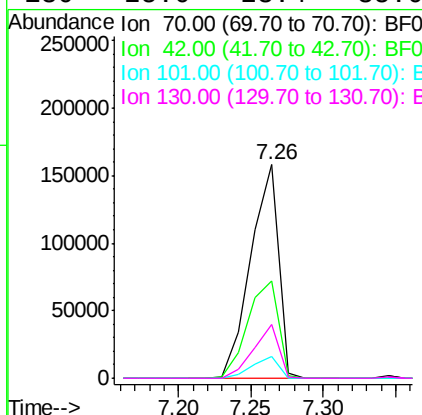
#19
n-Nitroso-di-n-propylamine
Concen: 82.95 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.02 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		210310		
42	45.5	33.3	49.9		
101	10.5	9.3	13.9		
130	25.0	23.4	35.0		

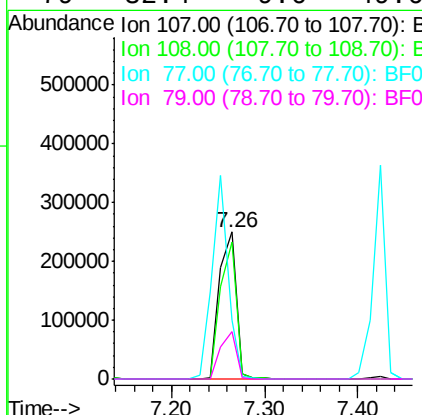
Manual Integrations
APPROVED

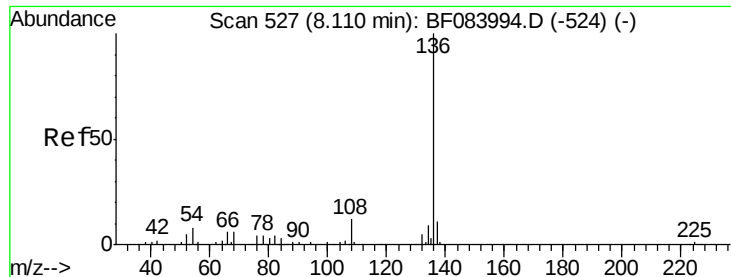
apatel
12/23/2015 4:27:02 PM



#20
3+4-Methylphenols
Concen: 76.97 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		313370		
108	93.7	64.1	104.1		
77	39.9	128.9	168.9		
79	32.4	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: BF083997.D

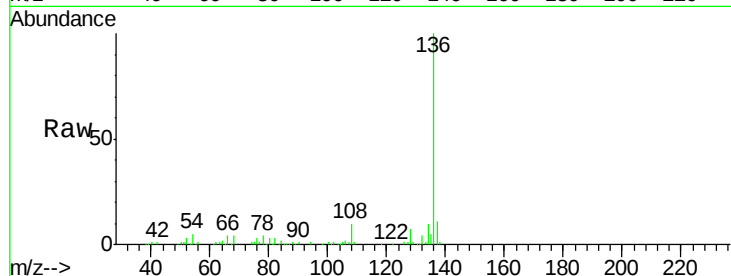
Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

ClientSampleId :

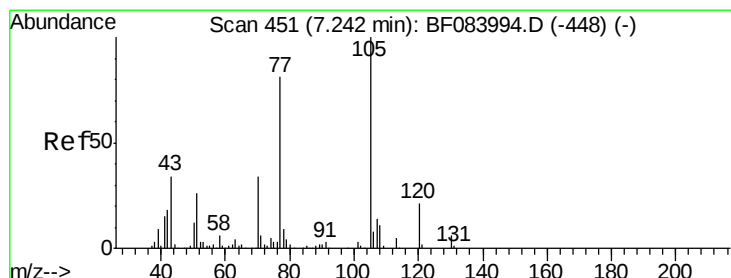
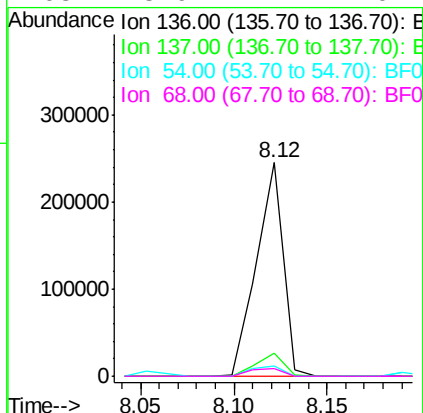
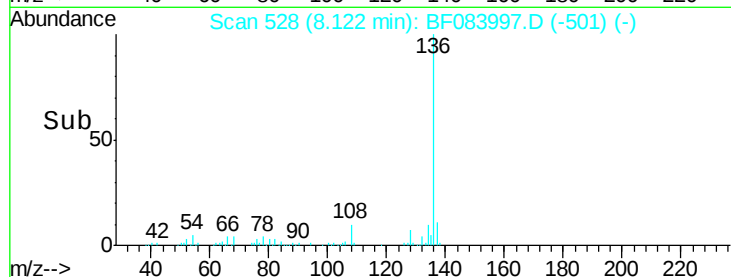
SSTDIC080



Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		246581		
137	10.7		8.7	13.1	
54	4.9		5.8	8.8#	
68	3.9		4.2	6.2#	

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#22

Acetophenone

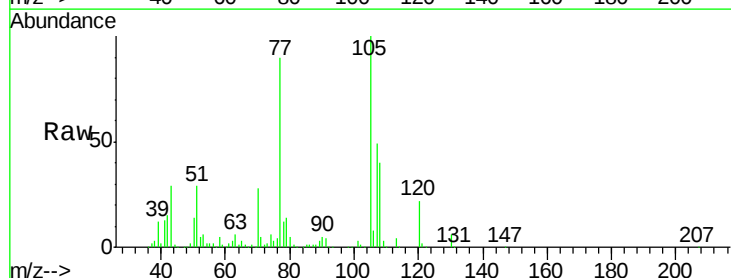
Concen: 72.21 ng

RT: 7.25 min Scan# 452

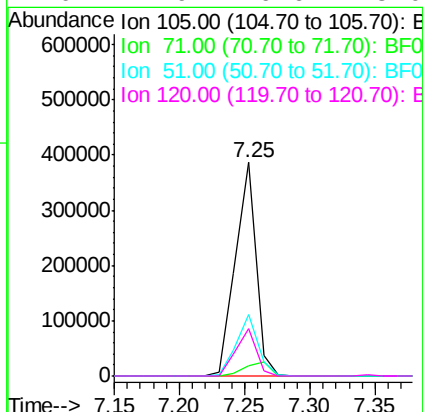
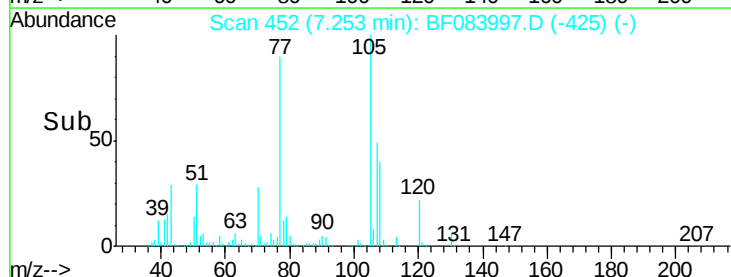
Delta R.T. 0.01 min

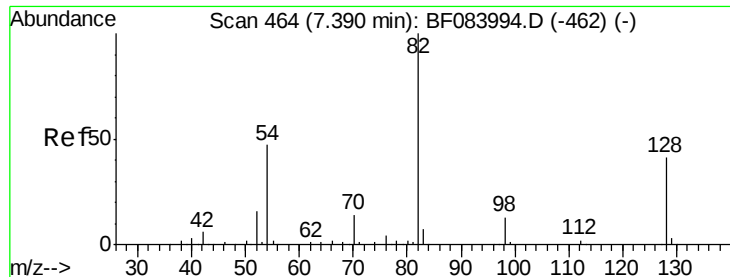
Lab File: BF083997.D

Acq: 22 Dec 2015 17:40



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		423667		
71	4.6		3.7	5.5	
51	28.9		25.1	37.7	
120	21.9		16.6	25.0	





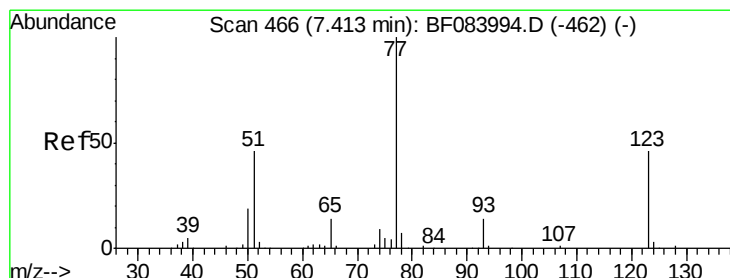
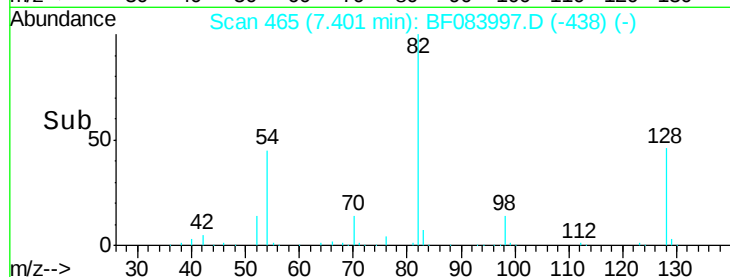
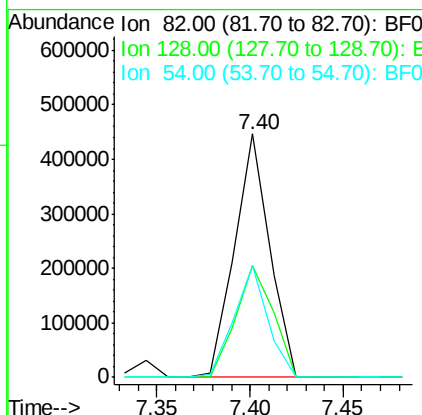
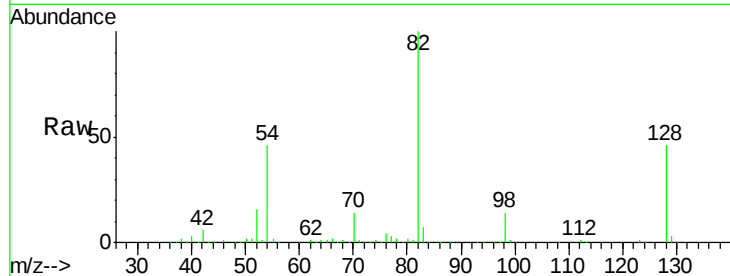
#23
 Nitrobenzene-d5
 Concen: 71.72 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
82	100	584382		
128	46.0		34.6	51.8
54	46.1		38.4	57.6

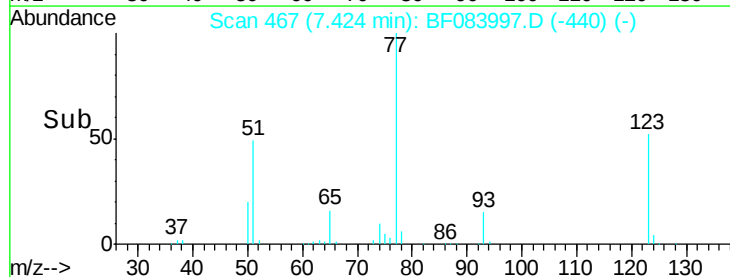
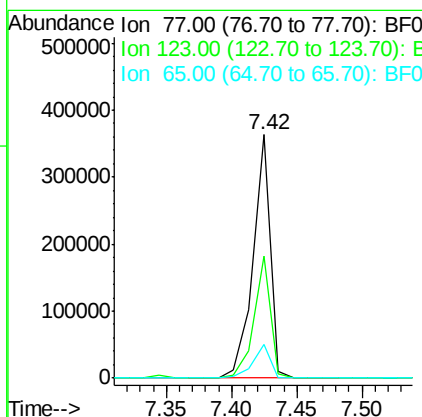
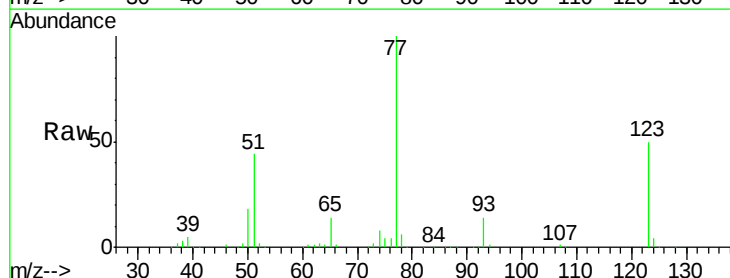
Manual Integrations
 APPROVED

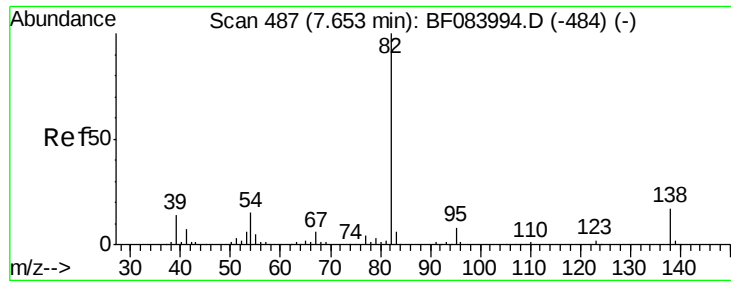
apatel
 12/23/2015 4:27:02 PM



#24
 Nitrobenzene
 Concen: 81.18 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	335118		
123	49.9		37.4	56.2
65	13.8		10.9	16.3





#25

Isophorone

Concen: 78.95 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

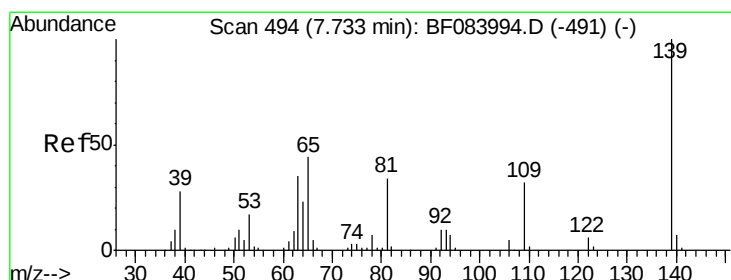
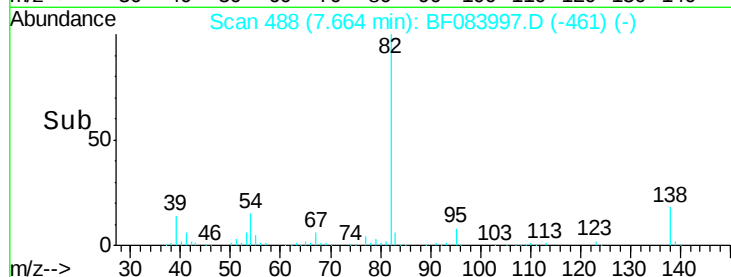
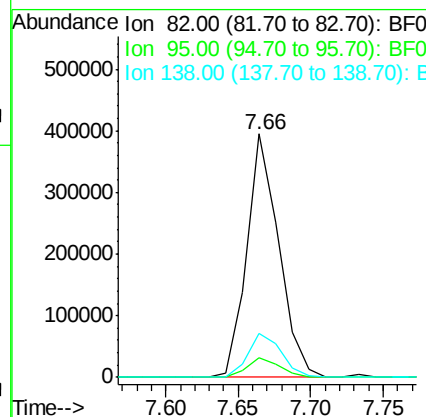
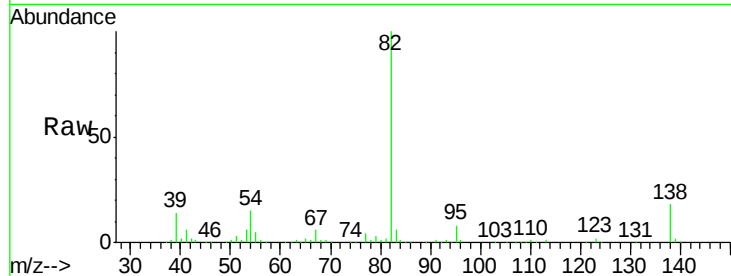
ClientSampleId :

SSTDICC080

Tot Ion:	82	Resp:	601592
Ion Ratio		Lower	Upper
82	100		
95	8.1	6.6	10.0
138	17.9	13.6	20.4

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#26

2-Nitrophenol

Concen: 72.50 ng

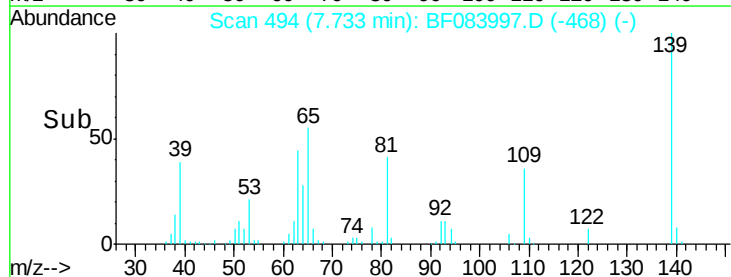
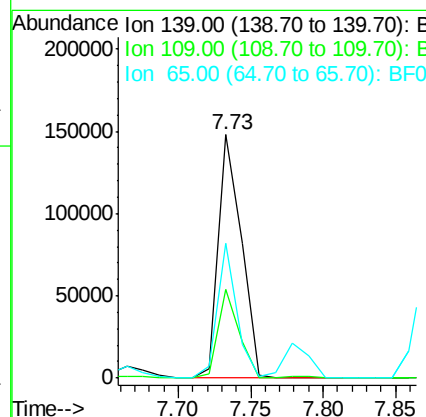
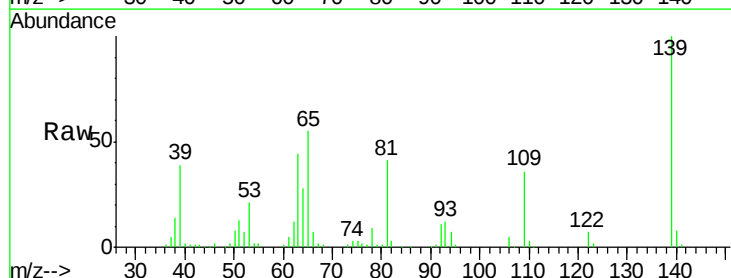
RT: 7.73 min Scan# 494

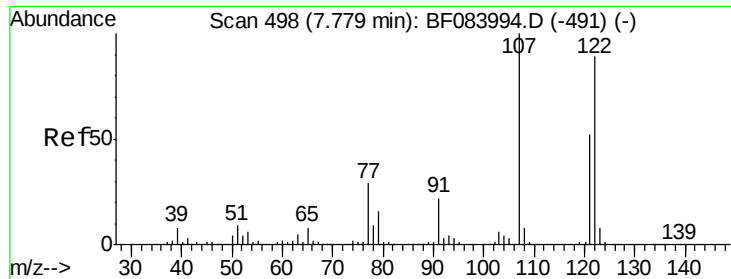
Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Tgt Ion:	139	Resp:	163594
Ion Ratio		Lower	Upper
139	100		
109	36.3	25.4	38.2
65	55.4	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 72.35 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

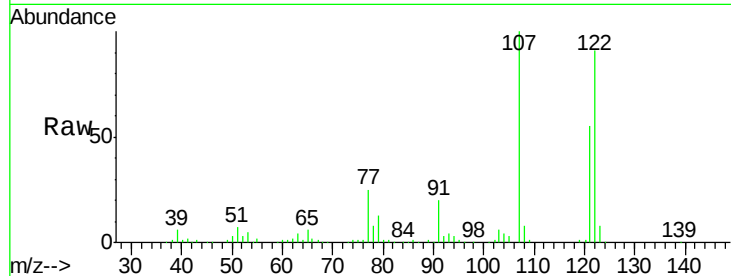
ClientSampleId :

SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
284642	122	100			
110.4	107		99.1	148.7	
60.5	121		47.9	71.9	

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM

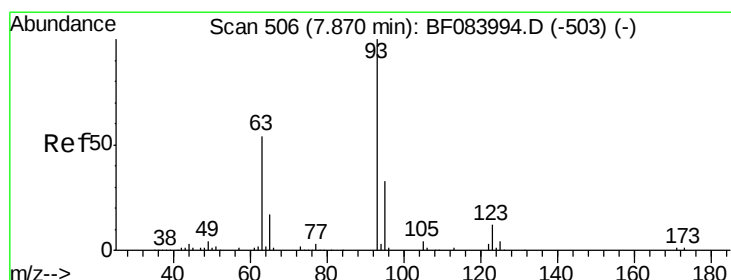
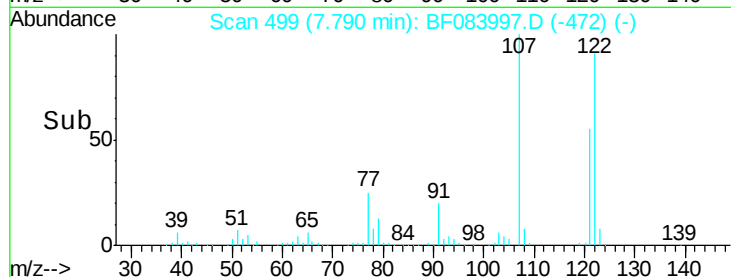
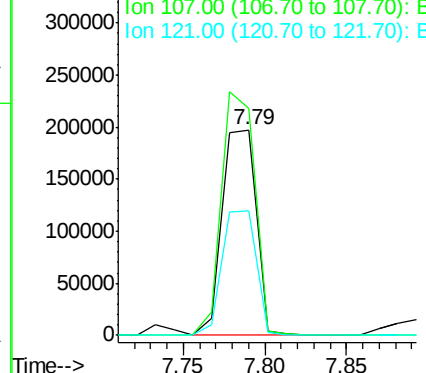


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 69.87 ng

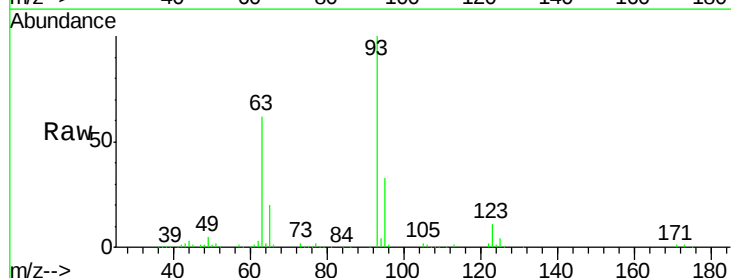
RT: 7.87 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
335244	93	100			
32.8	95		25.8	38.6	
11.1	123		8.6	12.8	

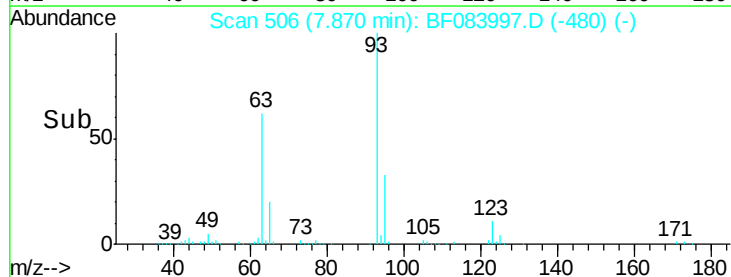
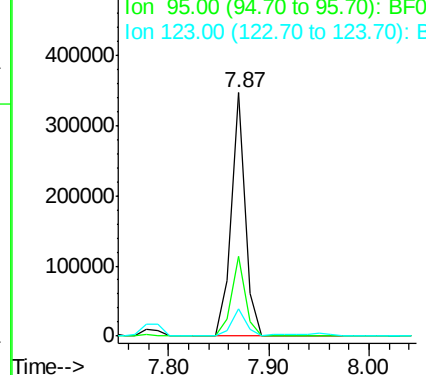


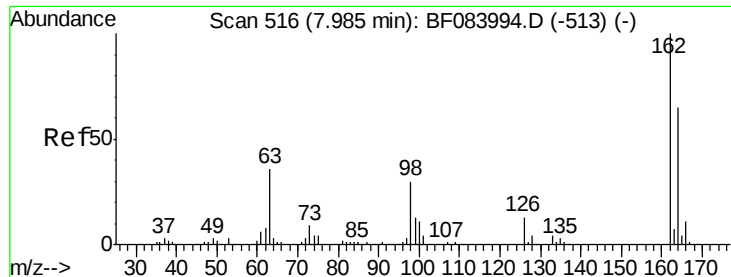
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





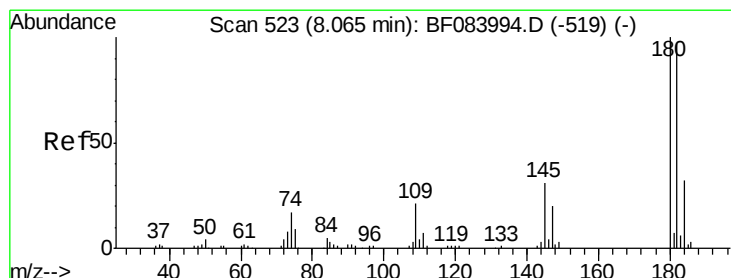
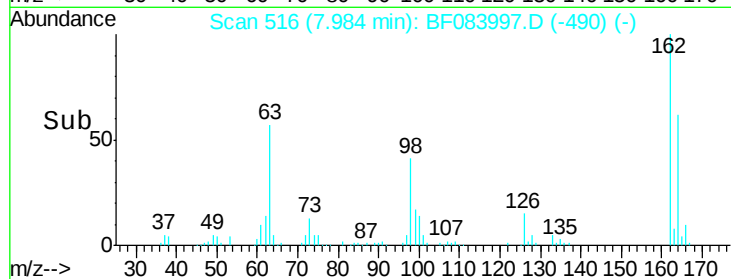
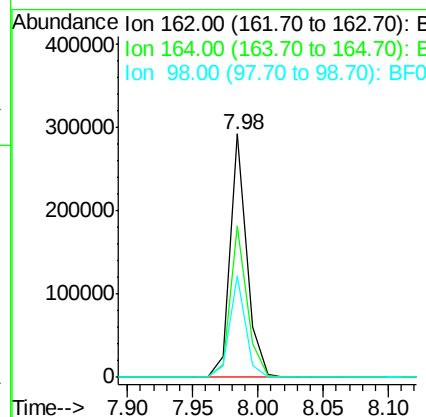
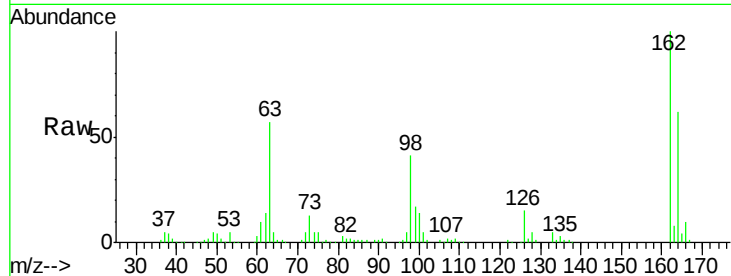
#29
 2,4-Dichlorophenol
 Concen: 74.99 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100	262314		
164	62.3	44.1	84.1	
98	41.4	20.2	60.2	

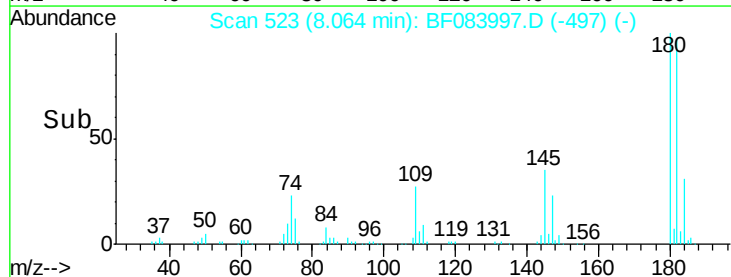
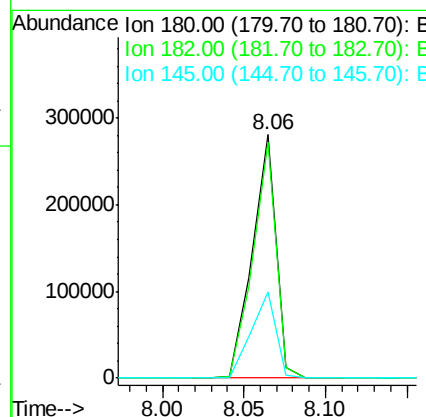
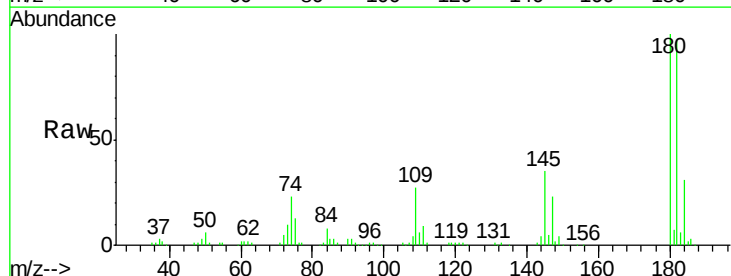
Manual Integrations
 APPROVED

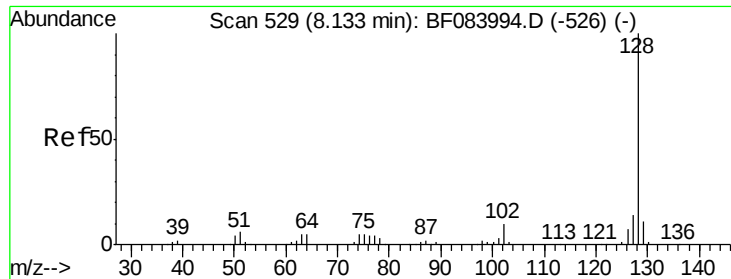
apatel
 12/23/2015 4:27:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 77.47 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	281428		
182	96.9	76.4	114.6	
145	35.3	31.6	47.4	





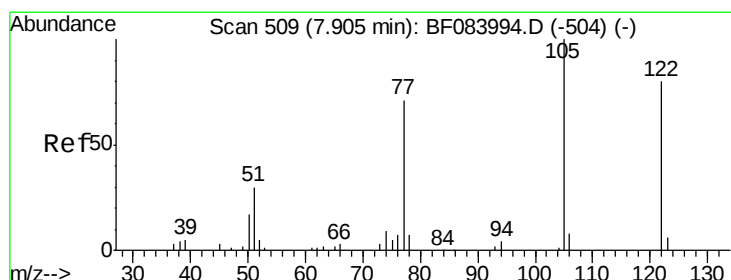
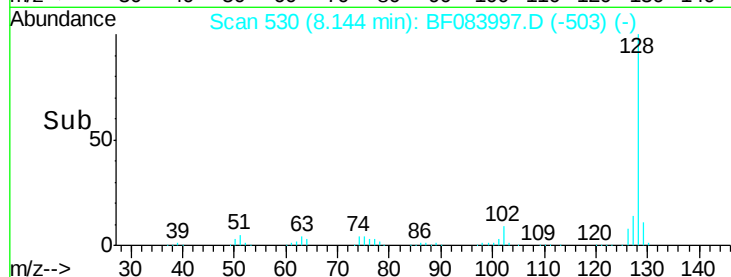
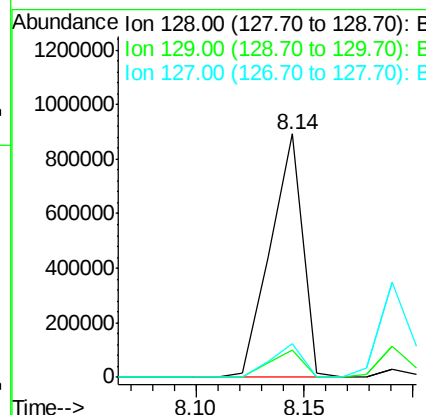
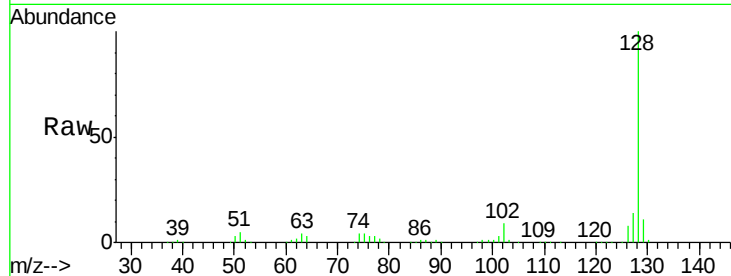
#31
Naphthalene
Concen: 73.35 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.1	9.1	13.7
127	14.0	11.1	16.7

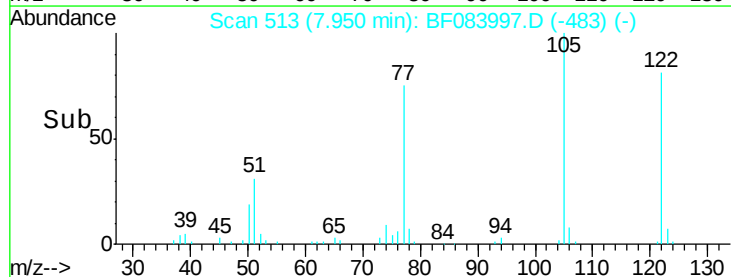
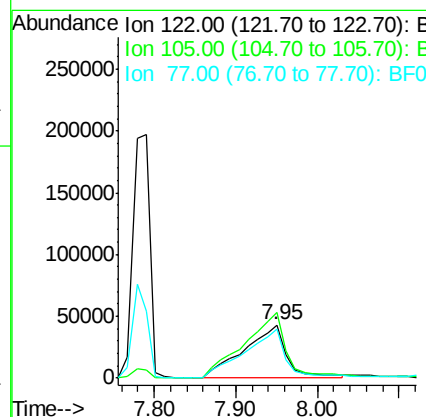
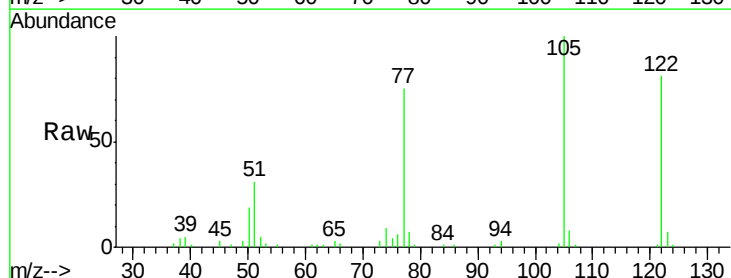
Manual Integrations
APPROVED

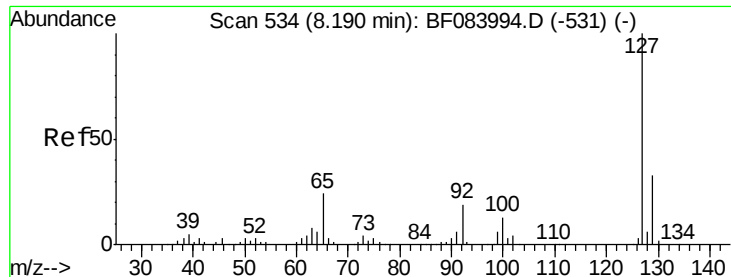
apatel
12/23/2015 4:27:02 PM



#32
Benzoic acid
Concen: 109.52 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.05 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	123.8	100.3	140.3
77	92.9	63.5	103.5





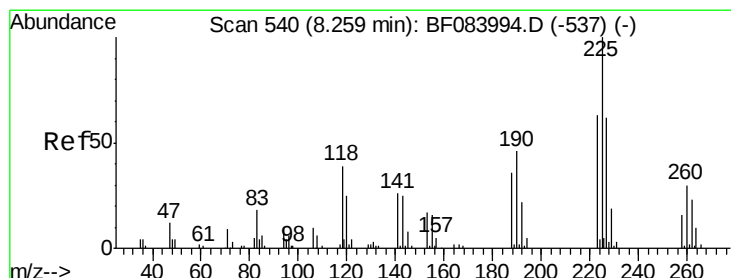
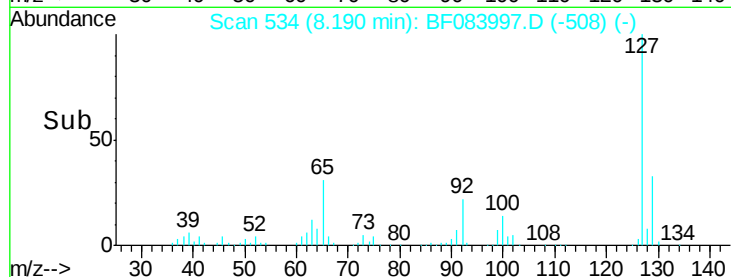
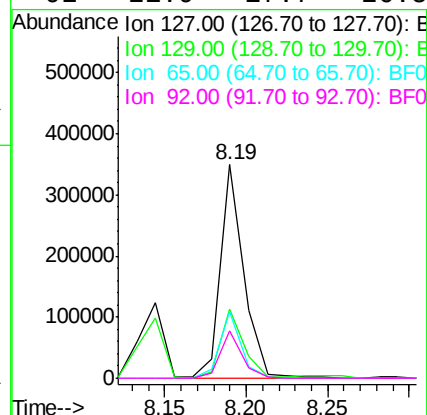
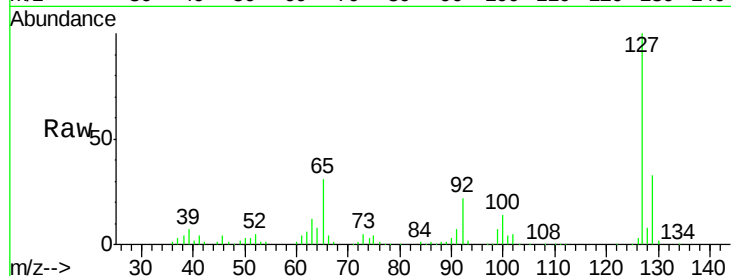
#33
4-Chloroaniline
Concen: 65.44 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		346085		
129	32.6	26.5	39.7		
65	31.5	27.2	40.8		
92	21.9	17.7	26.5		

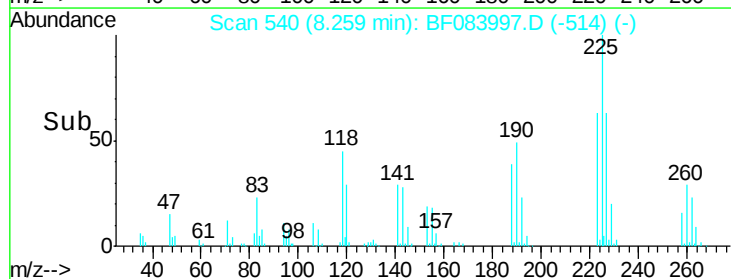
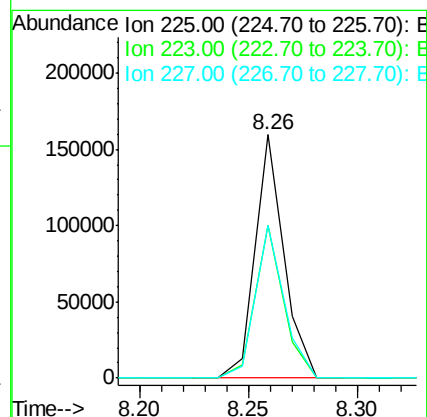
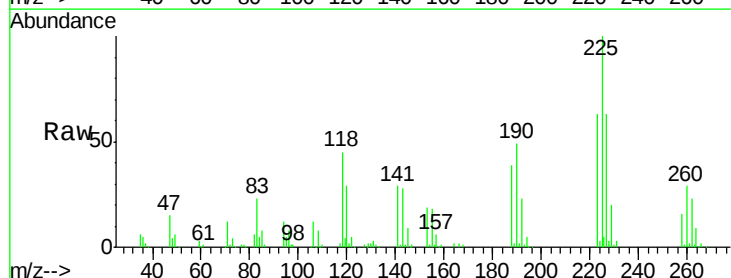
Manual Integrations
APPROVED

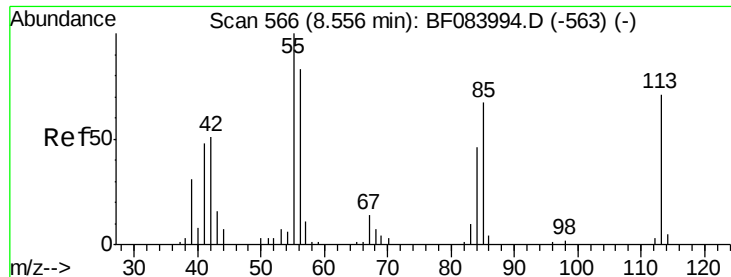
apatel
12/23/2015 4:27:02 PM



#34
Hexachlorobutadiene
Concen: 65.97 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		146243		
223	62.7	49.4	74.0		
227	62.6	50.8	76.2		





#35

Caprolactam

Concen: 71.54 ng

RT: 8.59 min Scan# 569

Delta R.T. 0.03 min

Lab File: BF083997.D

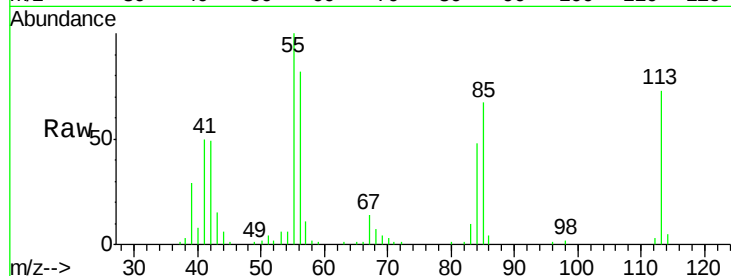
Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

ClientSampleId :

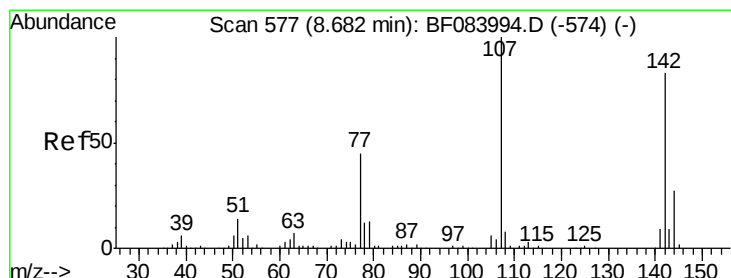
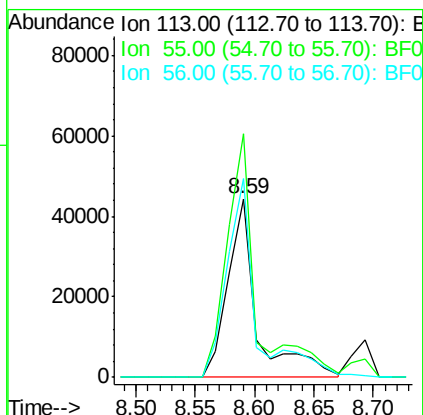
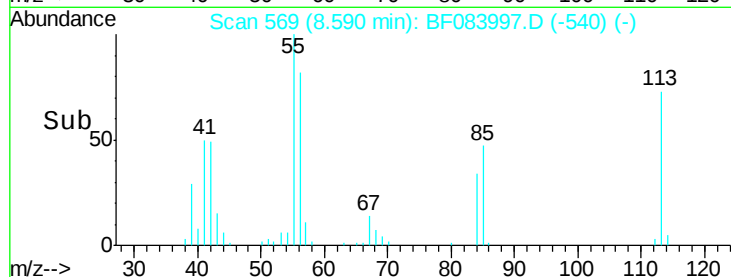
SSTDIC080



Tot Ion:	113	Resp:	75675
Ion Ratio	Lower	Upper	
113	100		
55	136.4	116.9	156.9
56	111.4	93.8	133.8

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#36

4-Chloro-3-methylphenol

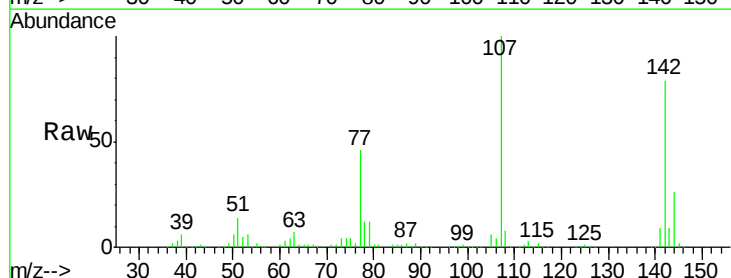
Concen: 87.96 ng

RT: 8.69 min Scan# 578

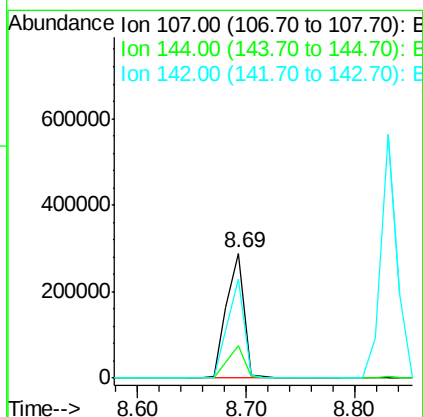
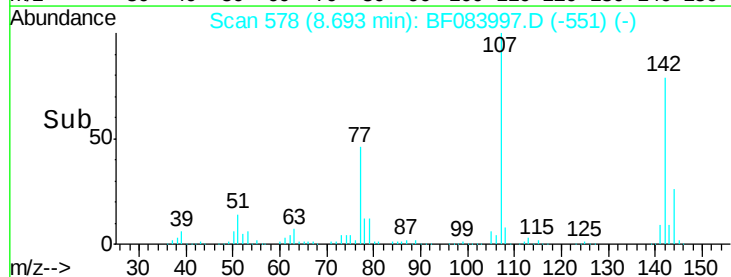
Delta R.T. 0.01 min

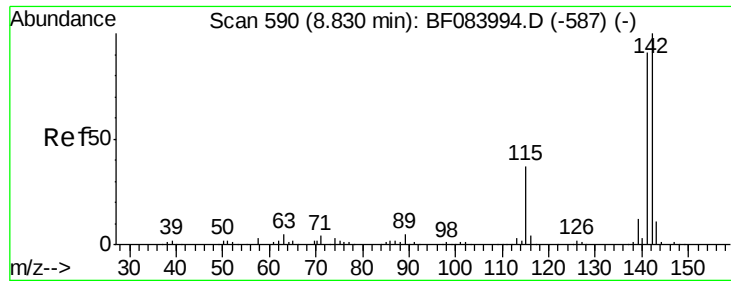
Lab File: BF083997.D

Acq: 22 Dec 2015 17:40



Tgt Ion:	107	Resp:	321614
Ion Ratio	Lower	Upper	
107	100		
144	26.4	19.7	29.5
142	79.0	61.8	92.6





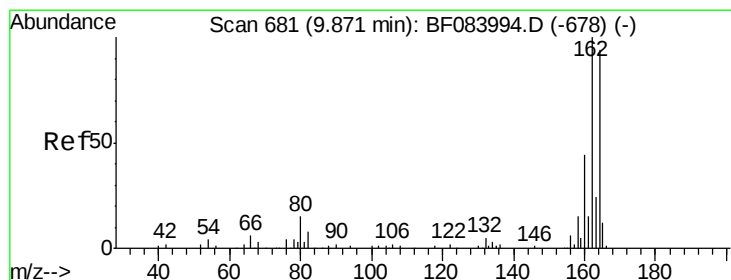
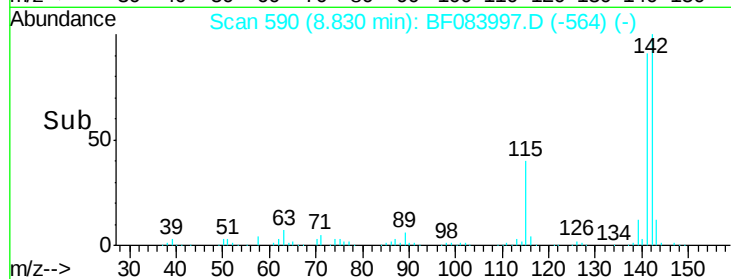
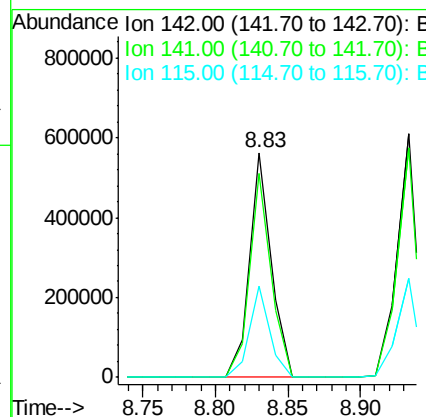
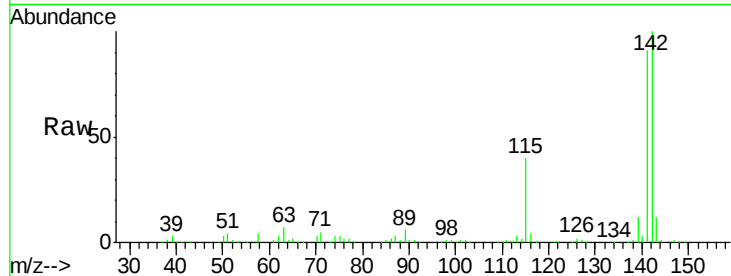
#37
2-Methylnaphthalene
Concen: 70.42 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.4	108.6
115	40.4	27.9	41.9

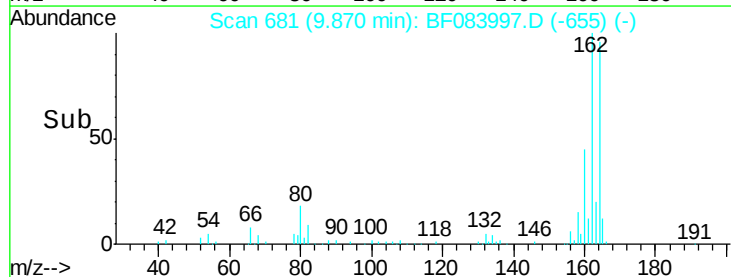
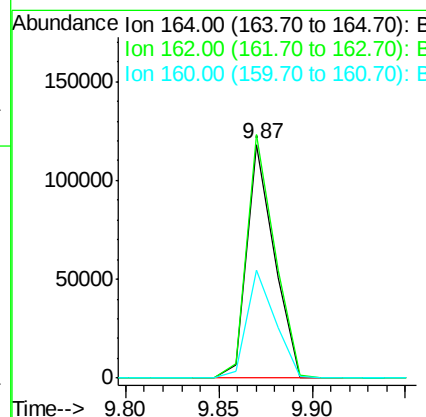
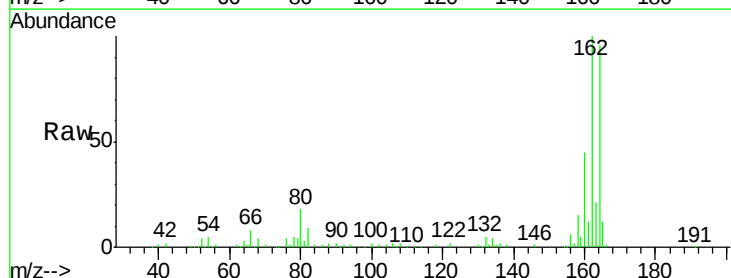
Manual Integrations
APPROVED

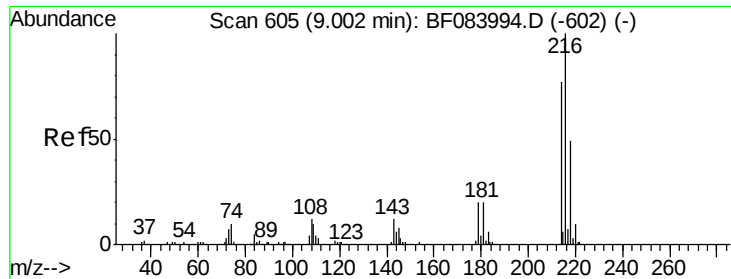
apatel
12/23/2015 4:27:02 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.1	127.7
160	46.4	37.5	56.3





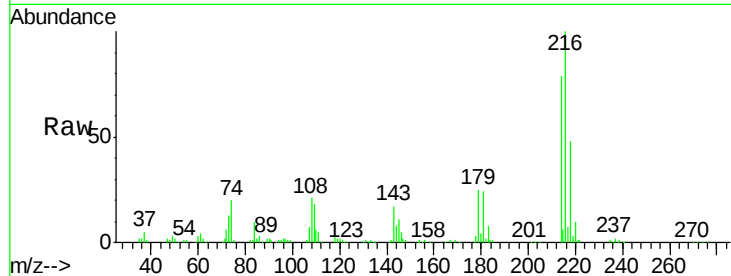
#39
1,2,4,5-Tetrachlorobenzene
Concen: 69.95 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

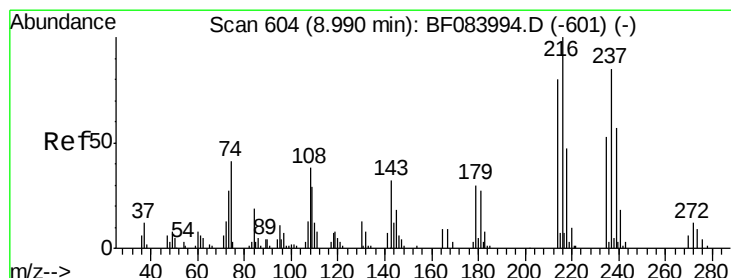
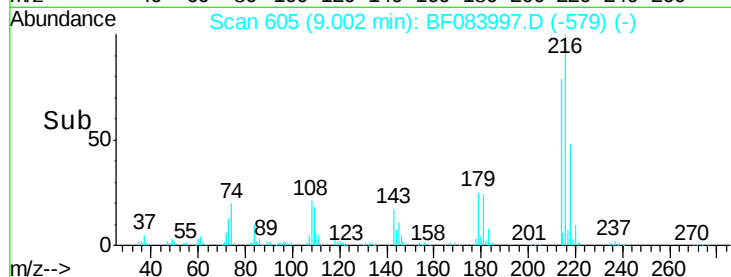
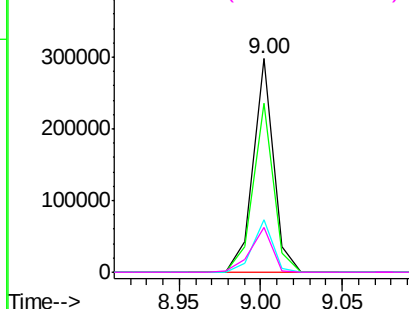
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		258683		
214	79.3	64.2	96.2		
179	24.2	18.7	28.1		
108	22.4	16.8	25.2		

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM

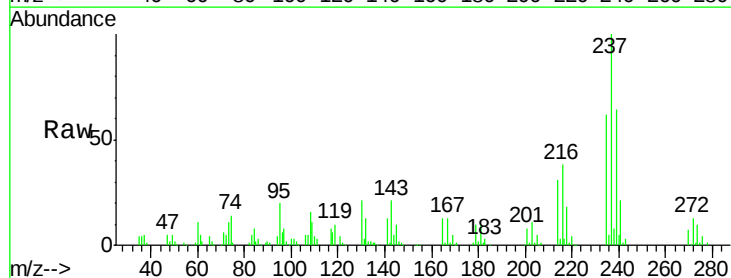


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

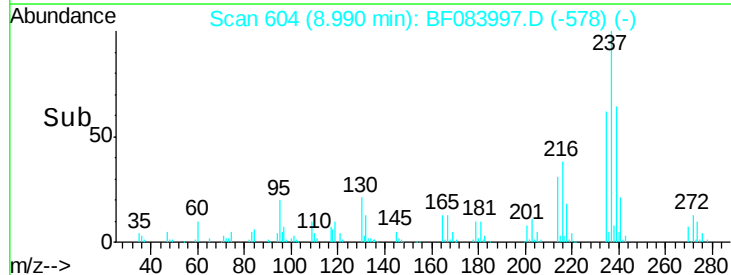
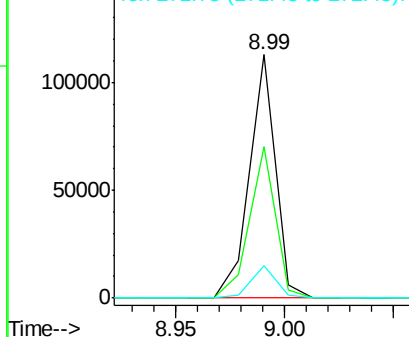


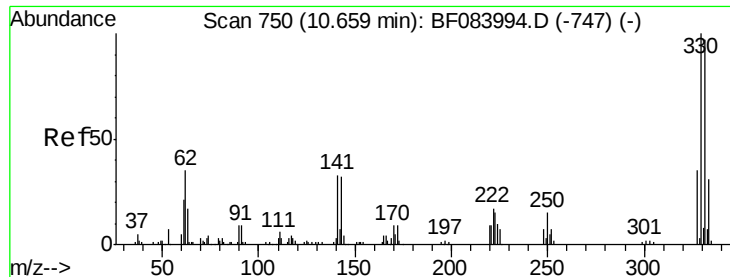
#40
Hexachlorocyclopentadiene
Concen: 120.20 ng
RT: 8.99 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		93668		
235	62.2	43.1	83.1		
272	13.3	0.0	35.1		



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





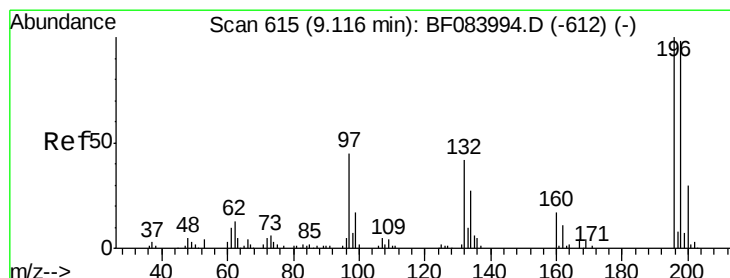
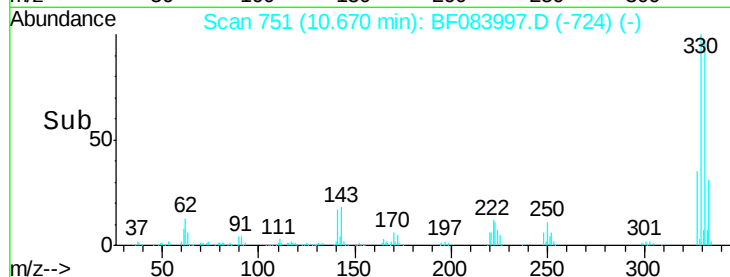
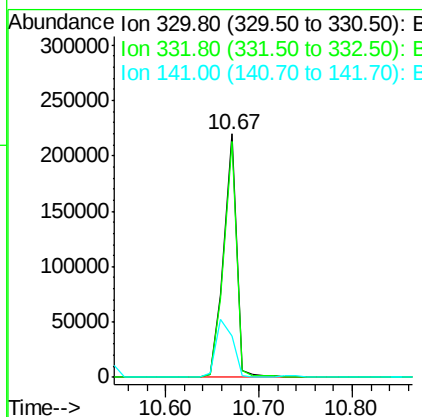
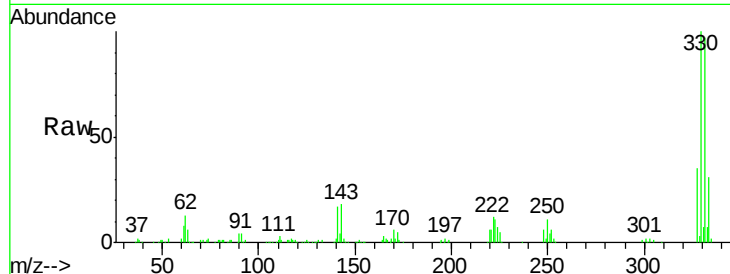
#41
 2,4,6-Tribromophenol
 Concen: 93.84 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100	212838		
332	96.5	76.6	114.8	
141	31.4	27.8	41.6	

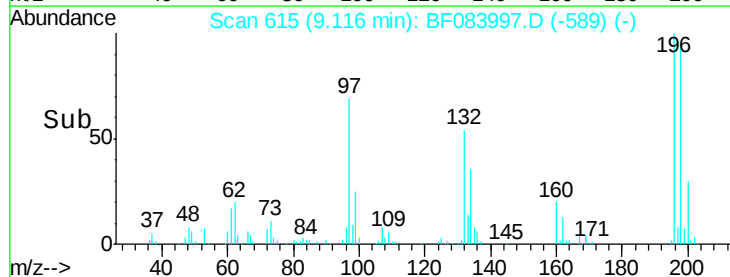
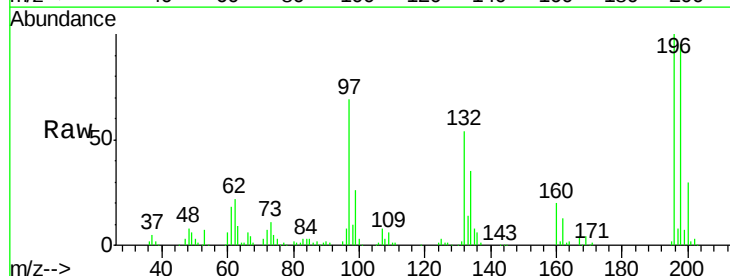
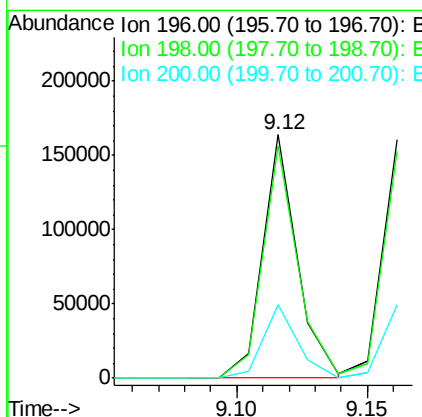
Manual Integrations
 APPROVED

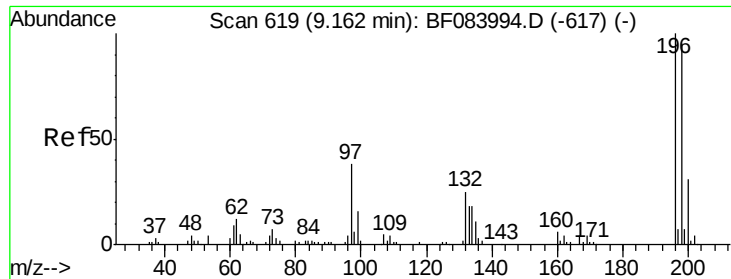
apatel
 12/23/2015 4:27:02 PM



#42
 2,4,6-Trichlorophenol
 Concen: 67.78 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	151553		
198	95.2	77.7	116.5	
200	30.1	24.6	37.0	





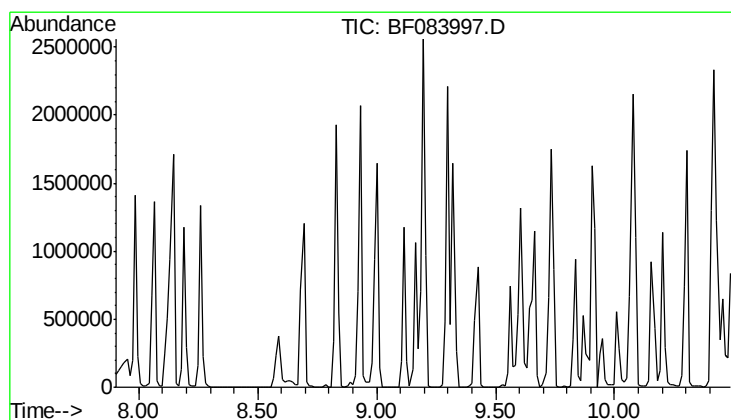
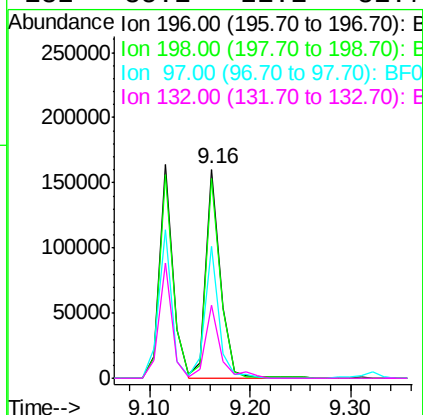
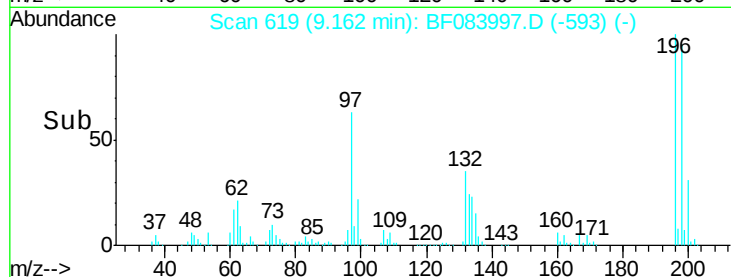
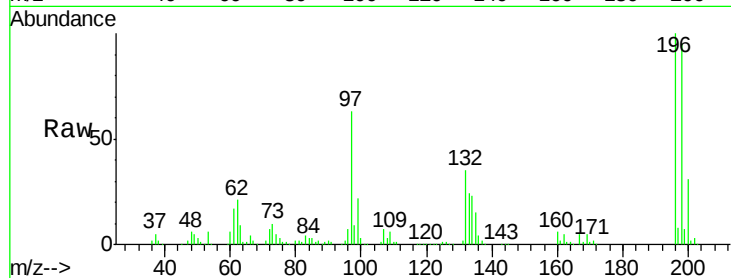
#43
 2,4,5-Trichlorophenol
 Concen: 69.30 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp Lower	Upper
196	100		
198	95.3	79.0	118.6
97	63.0	33.0	49.6#
132	35.1	21.1	31.7#

Manual Integrations
 APPROVED

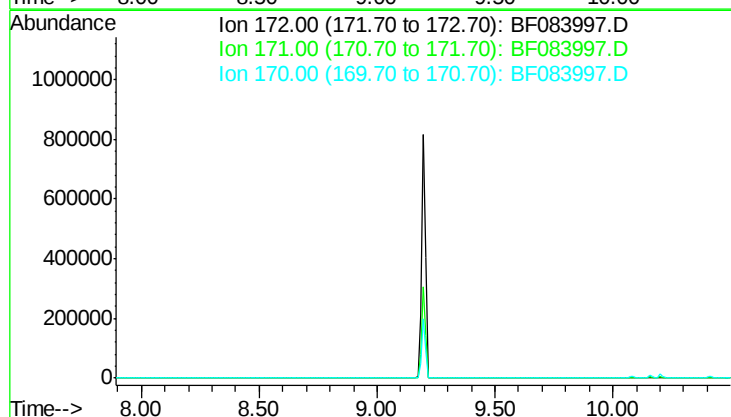
apatel
 12/23/2015 4:27:02 PM

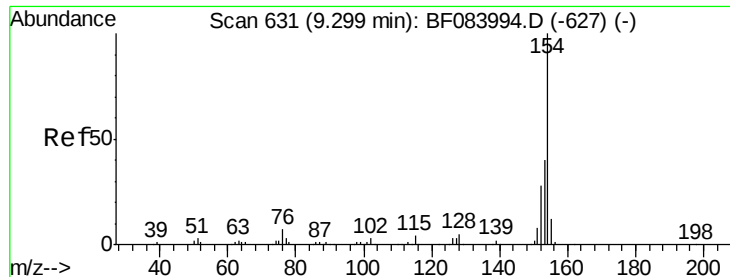


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.20 min

Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Tgt Ion	Exp Ratio
172	100
171	36.1
170	23.2





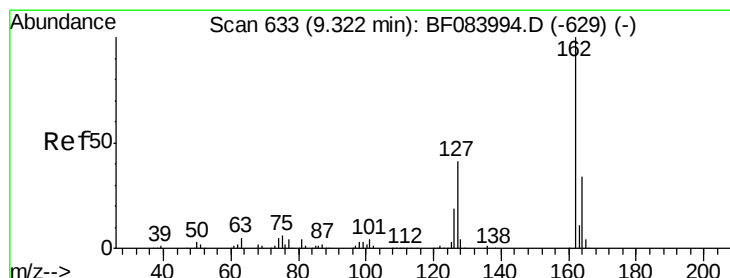
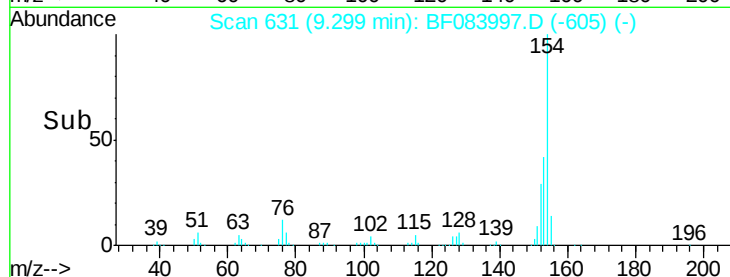
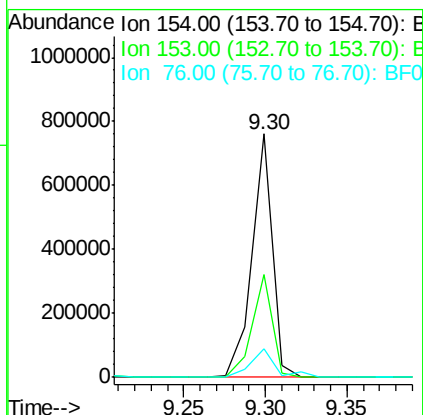
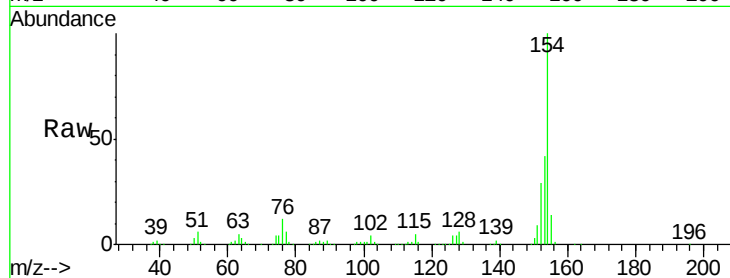
#45
1,1'-Biphenyl
Concen: 59.45 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.6	61.6
76	11.6	0.0	32.7

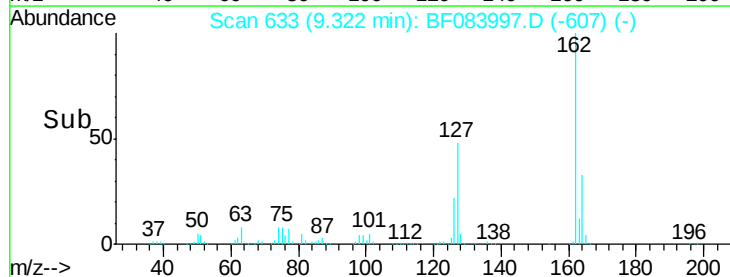
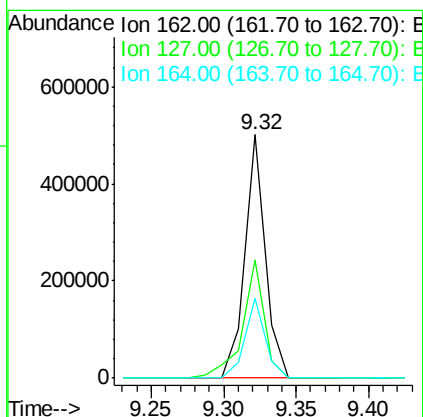
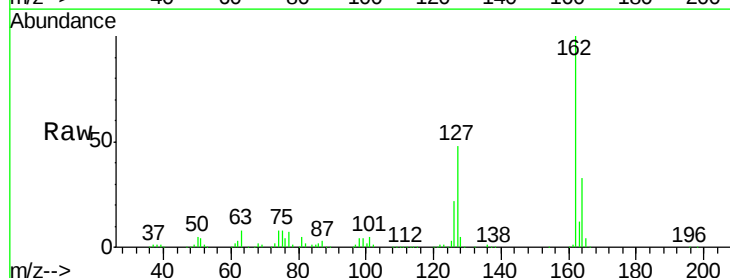
Manual Integrations
APPROVED

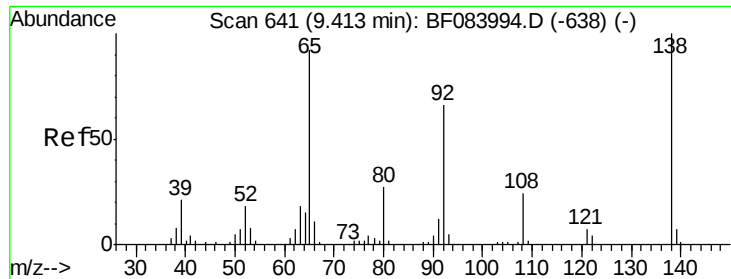
apatel
12/23/2015 4:27:02 PM



#46
2-Chloronaphthalene
Concen: 61.58 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.5	40.2	60.4
164	32.6	25.7	38.5





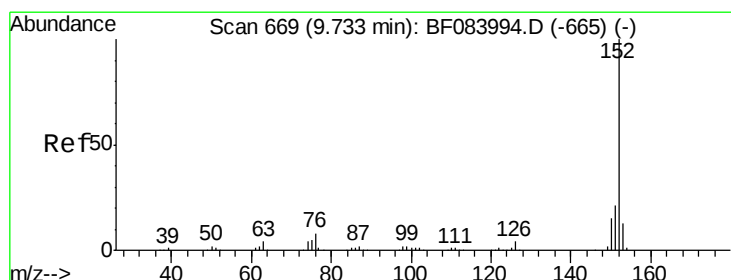
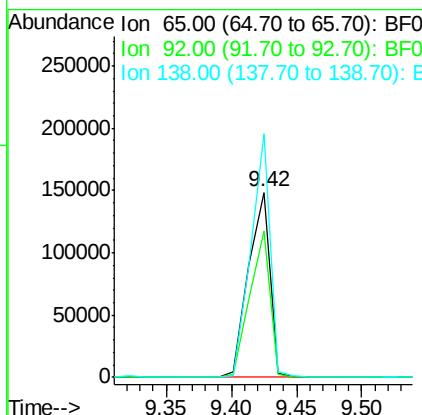
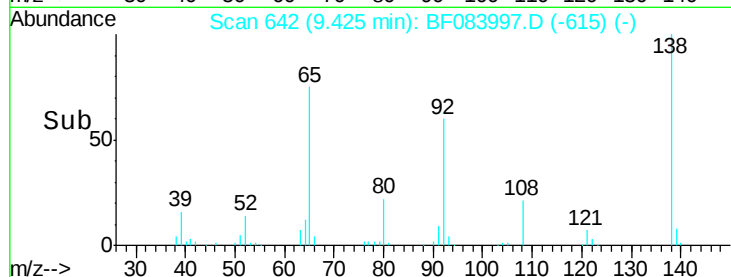
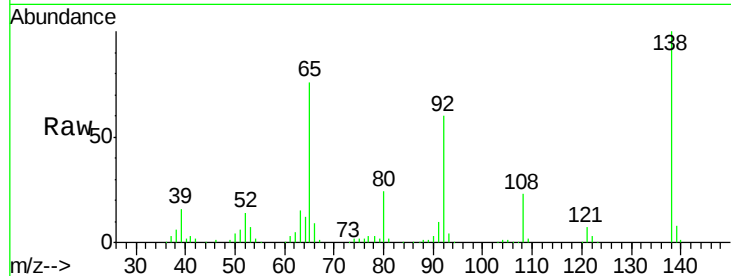
#47
 2-Nitroaniline
 Concen: 80.78 ng
 RT: 9.42 min Scan# 642
 Delta R.T. 0.01 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.0	53.4	80.2
138	131.7	71.1	106.7

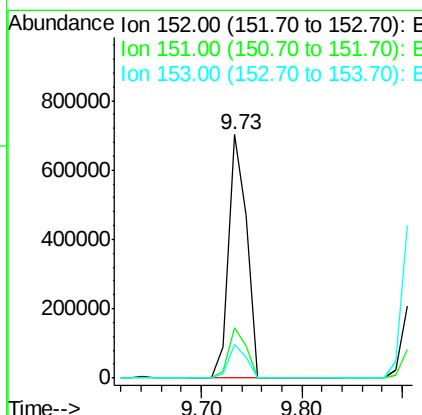
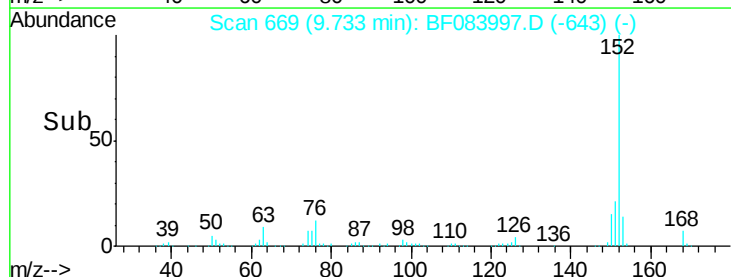
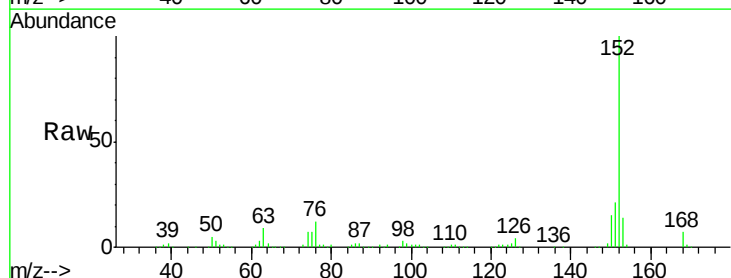
Manual Integrations
 APPROVED

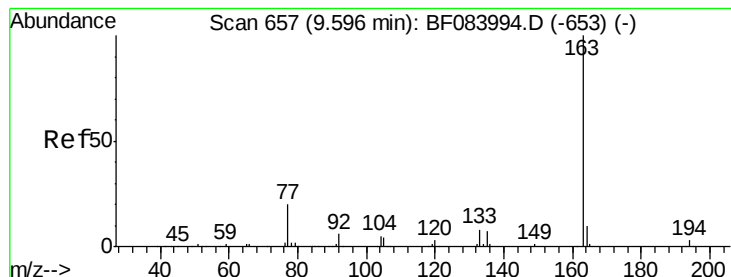
apatel
 12/23/2015 4:27:02 PM



#48
 Acenaphthylene
 Concen: 70.21 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	13.7	10.4	15.6





#49

Dimethylphthalate

Concen: 70.04 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

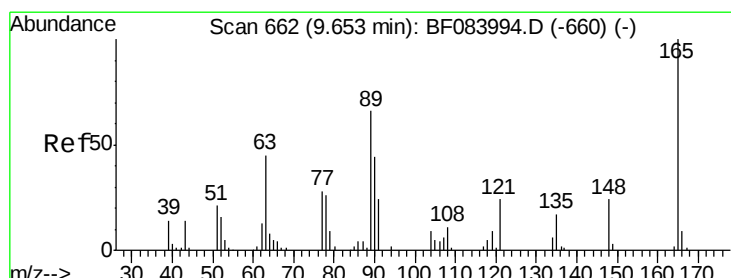
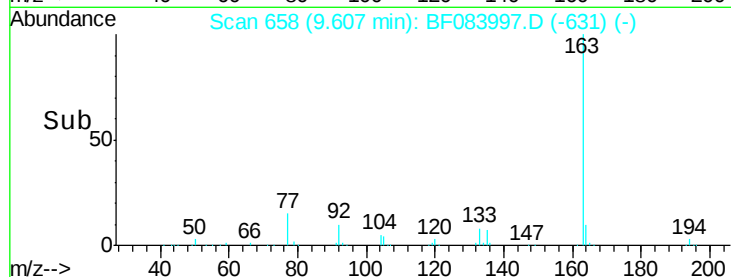
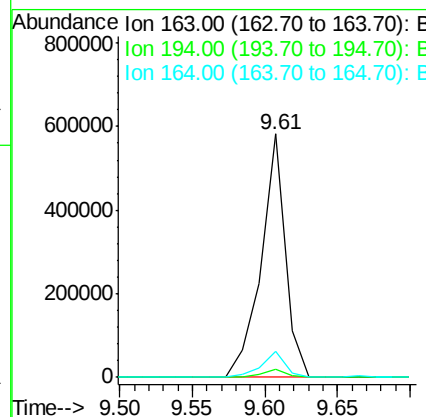
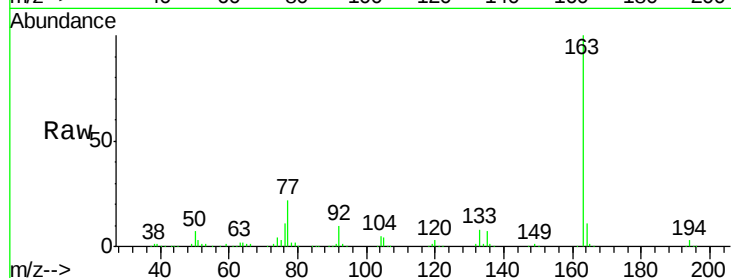
ClientSampleId :

SSTDIC080

Tot Ion:	163	Resp:	674133
Ion Ratio		Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	10.5	8.0	12.0

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#50

2,6-Dinitrotoluene

Concen: 68.66 ng

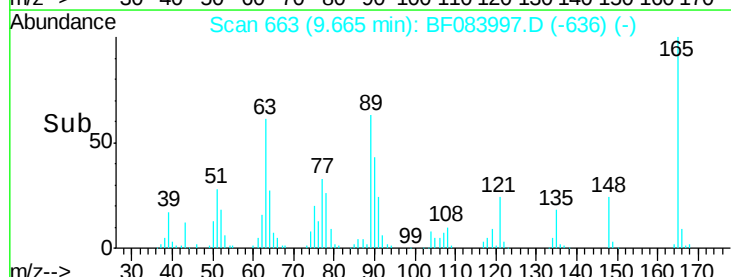
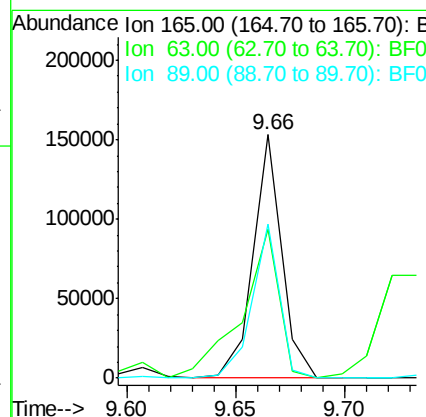
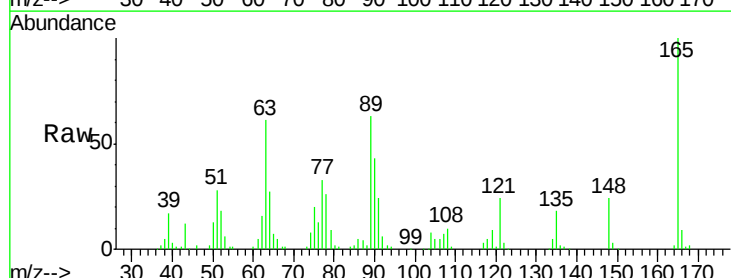
RT: 9.66 min Scan# 663

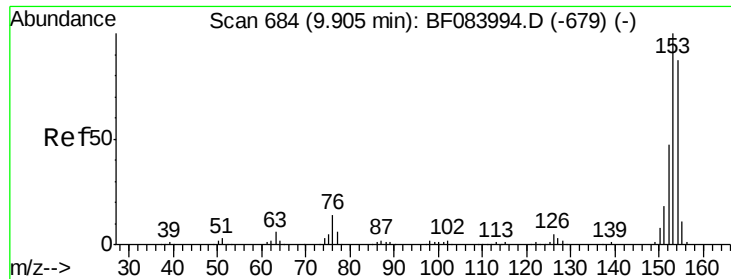
Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Tgt Ion:	165	Resp:	139819
Ion Ratio		Lower	Upper
165	100		
63	61.3	28.8	43.2#
89	63.4	35.1	52.7#





#51

Acenaphthene

Concen: 71.92 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

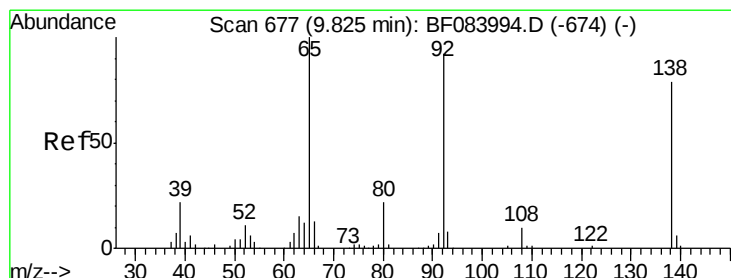
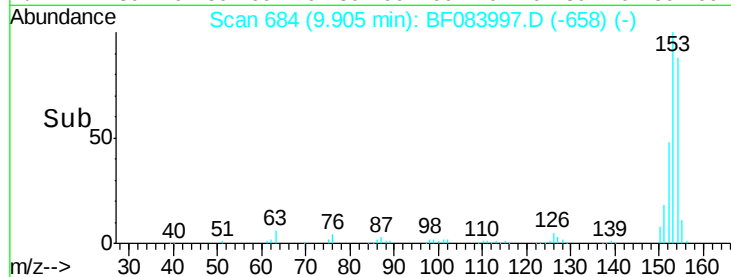
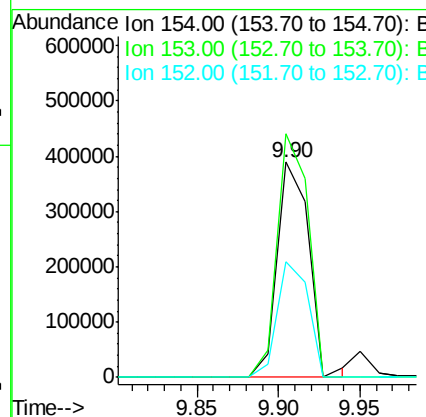
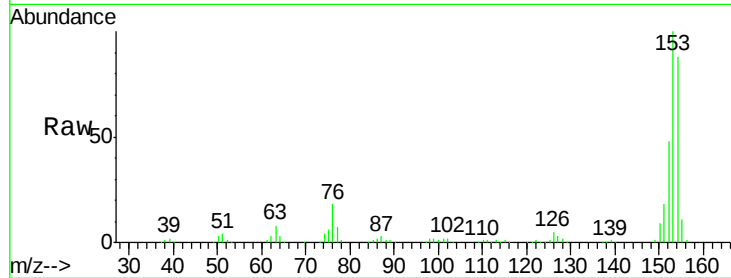
ClientSampleId :

SSTDICC080

Tot Ion:	154	Resp:	528282
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.5	137.3
152	54.0	43.0	64.6

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#52

3-Nitroaniline

Concen: 75.65 ng

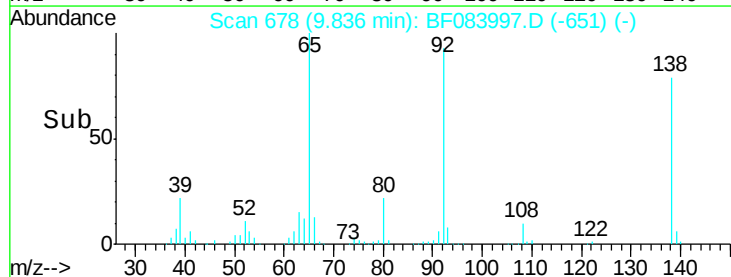
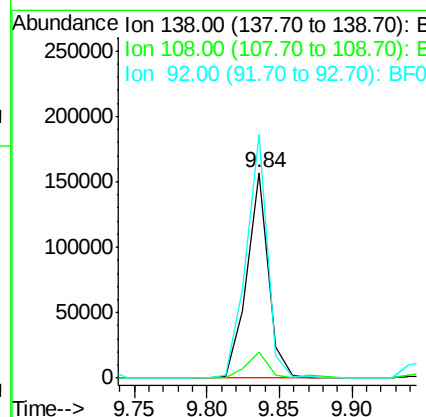
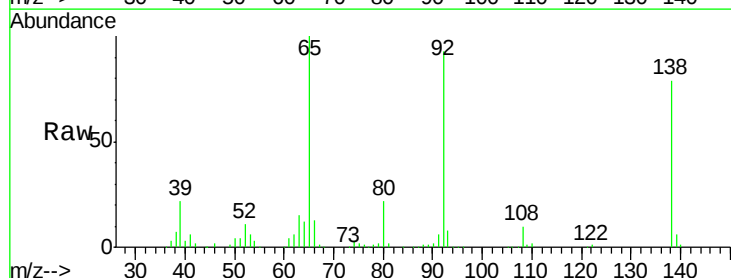
RT: 9.84 min Scan# 678

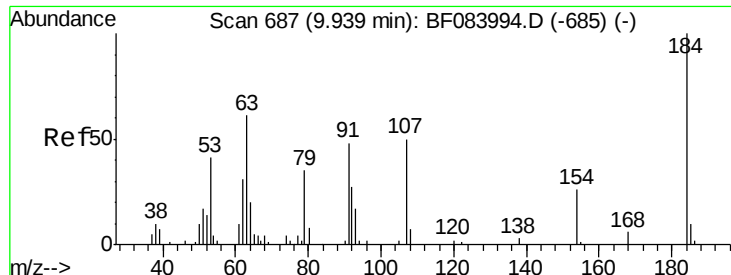
Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Tgt Ion:	138	Resp:	161566
Ion Ratio	Lower	Upper	
138	100		
108	12.4	10.5	15.7
92	118.5	103.9	155.9





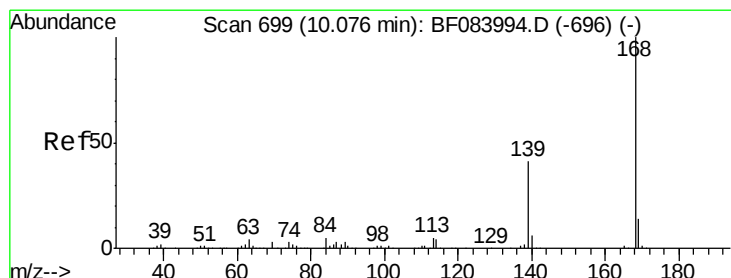
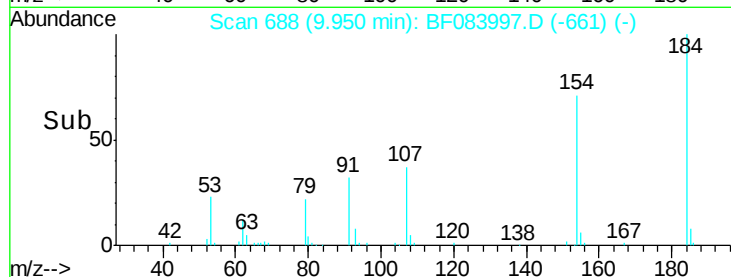
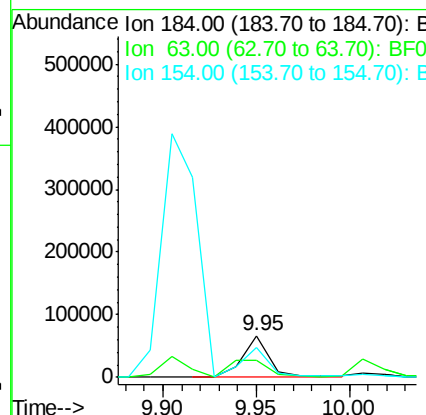
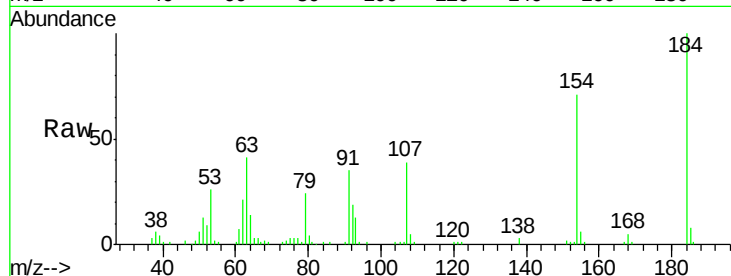
#53
2,4-Dinitrophenol
Concen: 105.02 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100	69997		
63	40.8	43.1	64.7#	
154	70.8	60.5	90.7	

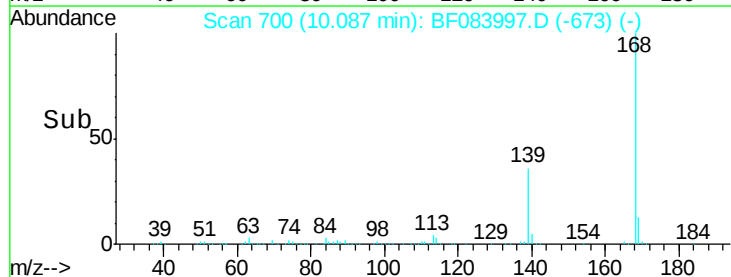
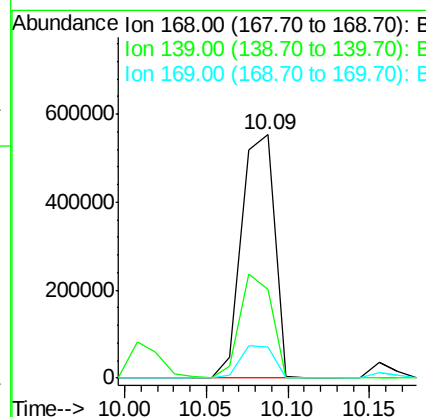
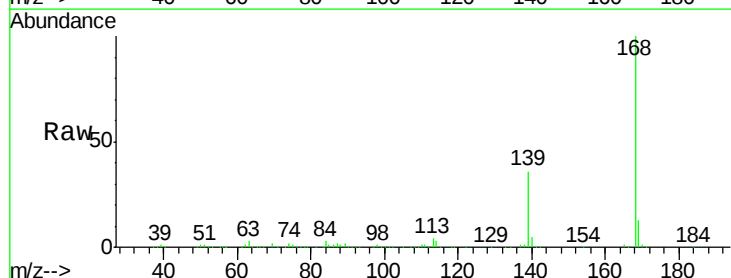
Manual Integrations
APPROVED

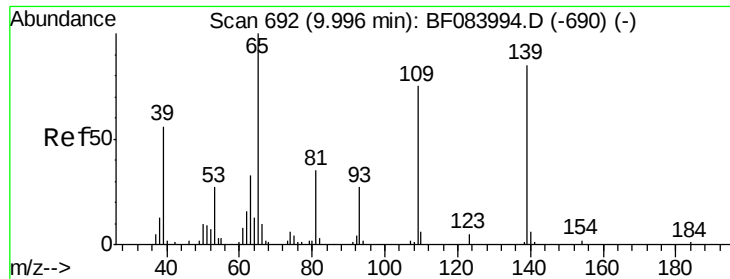
apatel
12/23/2015 4:27:02 PM



#54
Dibenzofuran
Concen: 69.86 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	771032		
139	36.2	30.5	45.7	
169	12.9	10.4	15.6	





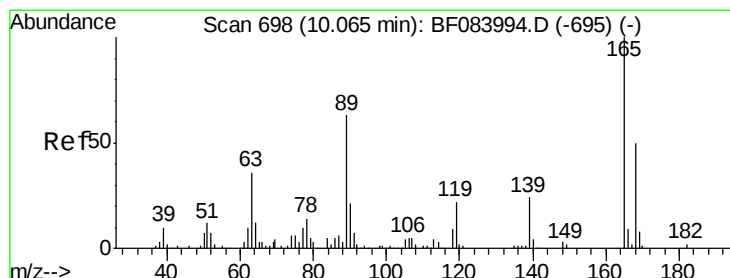
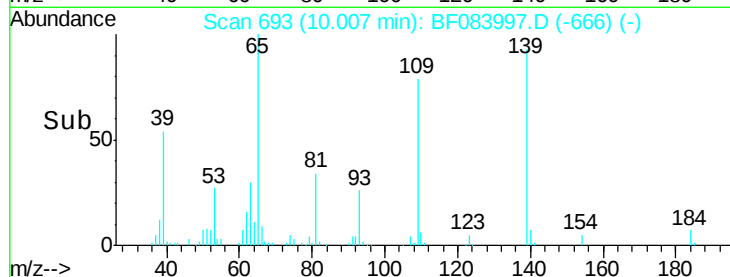
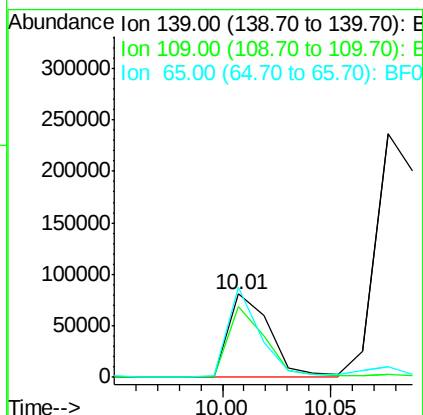
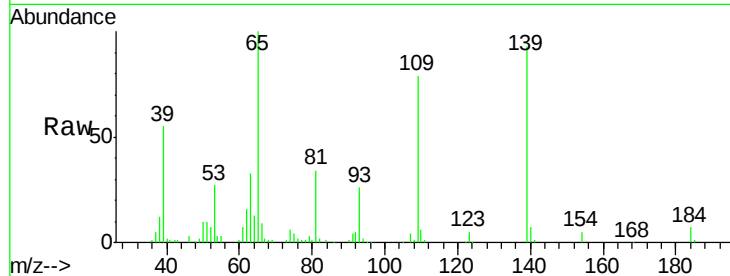
#55
4-Nitrophenol
Concen: 87.22 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
139	100		
109	85.2	58.5	98.5
65	108.1	57.6	97.6

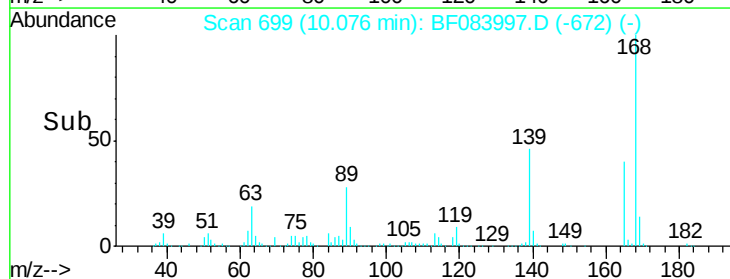
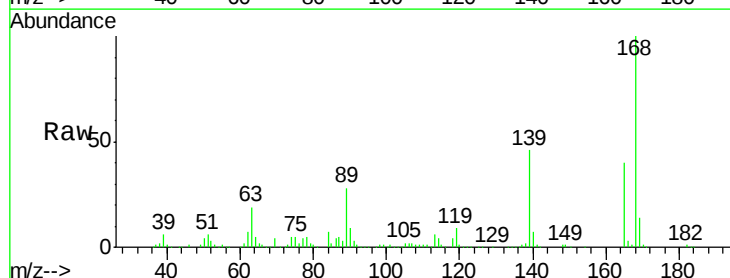
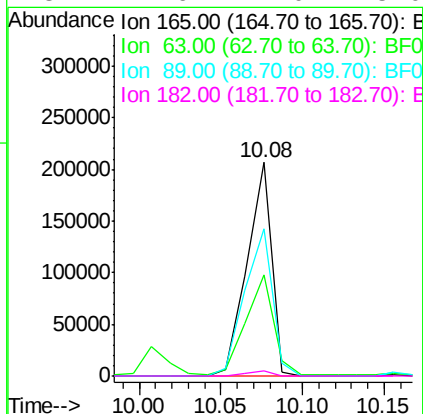
Manual Integrations
APPROVED

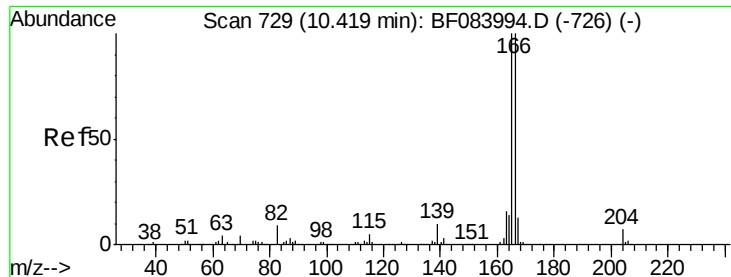
apatel
12/23/2015 4:27:02 PM



#56
2,4-Dinitrotoluene
Concen: 86.94 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.4	36.7	55.1
89	69.0	61.9	92.9
182	2.6	2.0	3.0





#57

Fluorene

Concen: 66.63 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:166 Resp: 586073

Ion Ratio Lower Upper

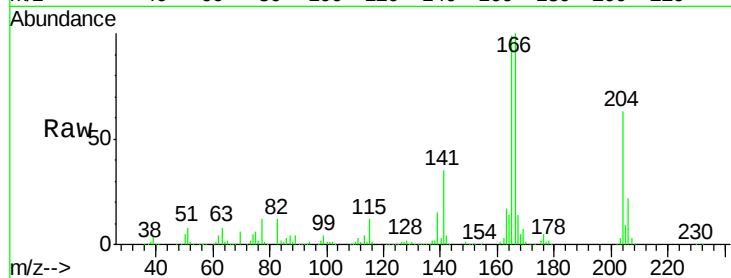
166 100

165 99.2 79.1 118.7

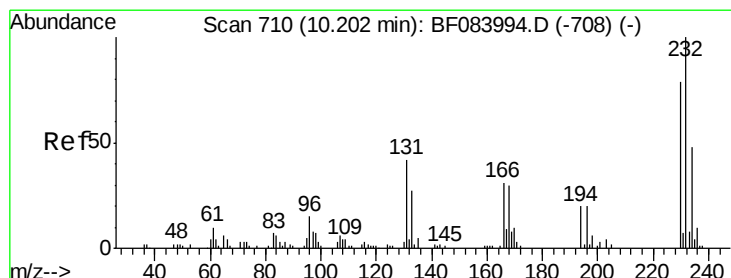
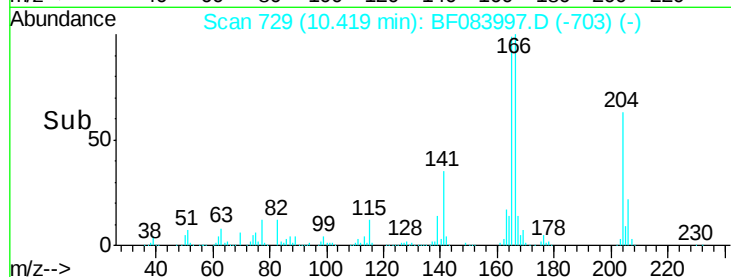
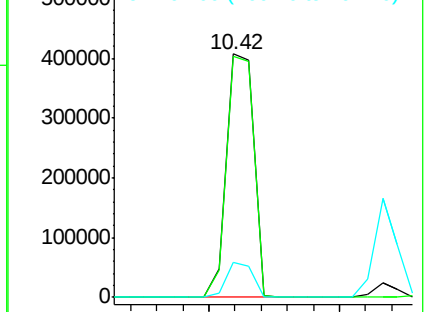
167 14.2 10.4 15.6

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 79.26 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Tgt Ion:232 Resp: 142453

Ion Ratio Lower Upper

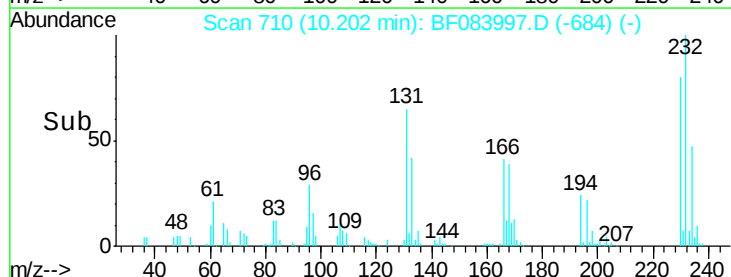
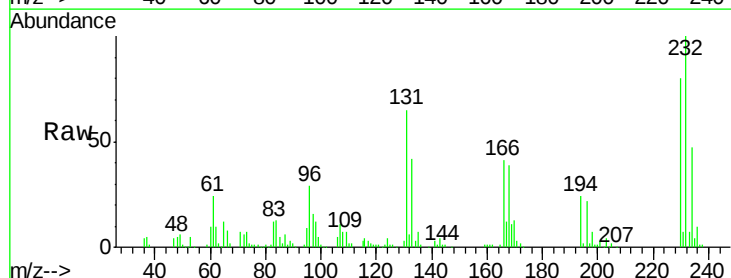
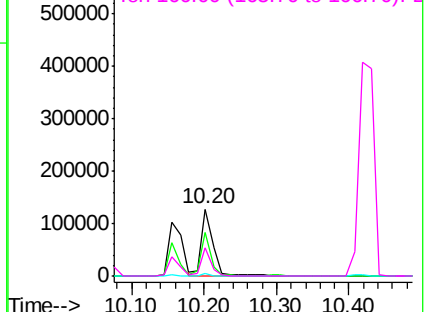
232 100

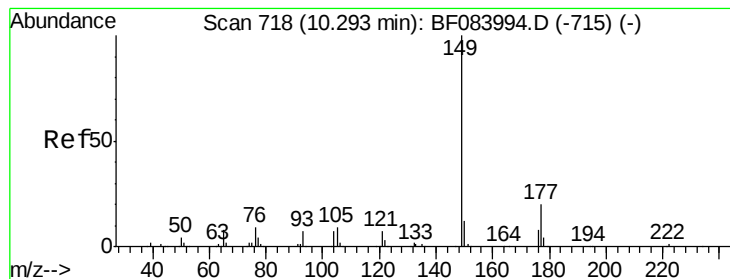
131 55.4 47.0 70.6

130 2.7 2.0 3.0

166 34.6 30.5 45.7

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 79.88 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

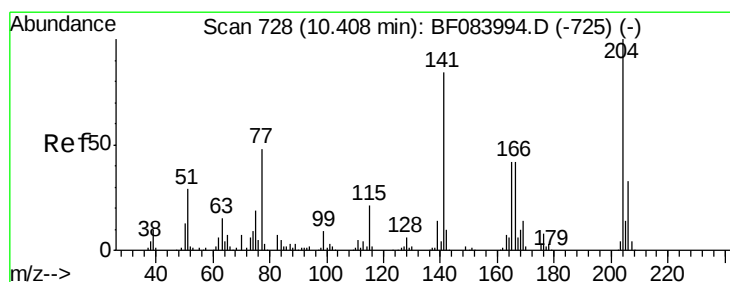
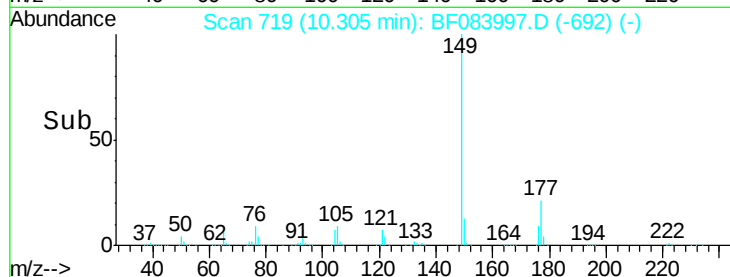
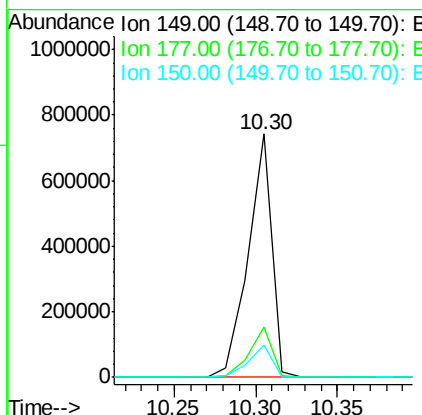
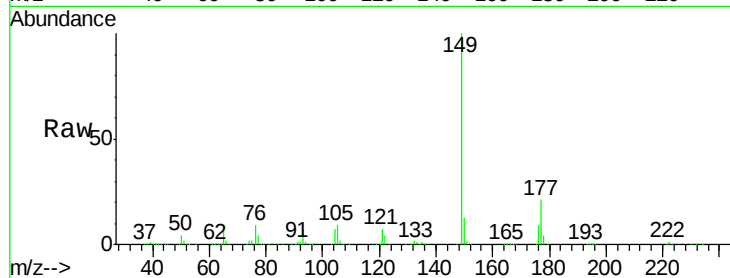
ClientSampleID :

SSTDICC080

Tot Ion:	149	Resp:	742352
Ion Ratio	Lower	Upper	
149	100		
177	20.8	17.3	25.9
150	13.2	9.8	14.8

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#60

4-Chlorophenyl-phenylether

Concen: 73.27 ng

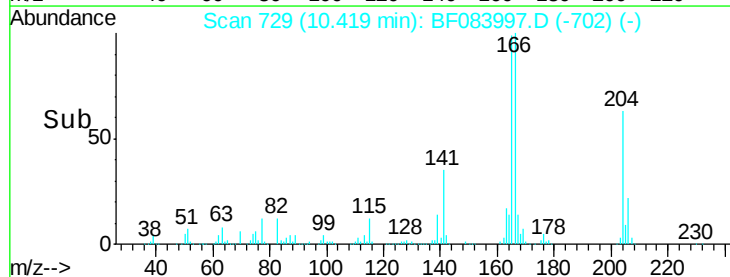
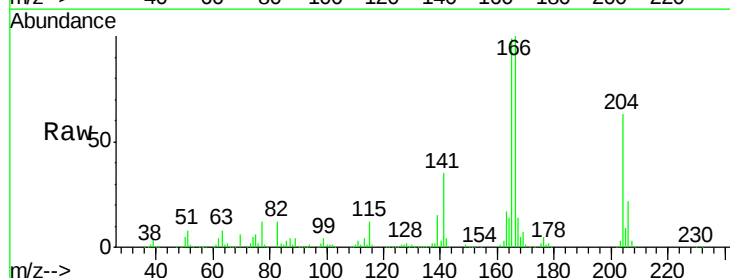
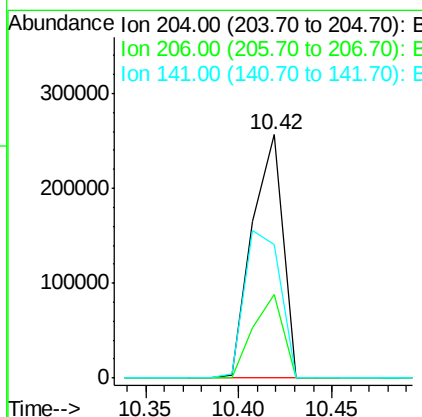
RT: 10.42 min Scan# 729

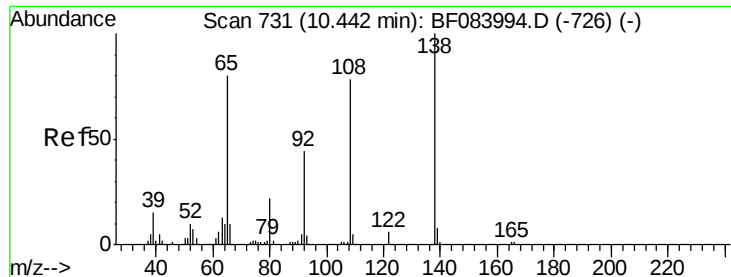
Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Tgt Ion:	204	Resp:	291803
Ion Ratio	Lower	Upper	
204	100		
206	34.2	25.7	38.5
141	54.9	55.1	82.7#





#61

4-Nitroaniline

Concen: 82.27 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

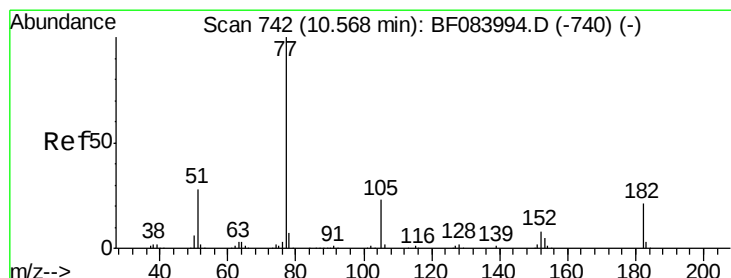
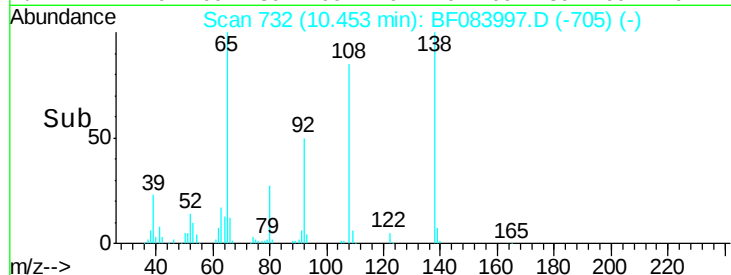
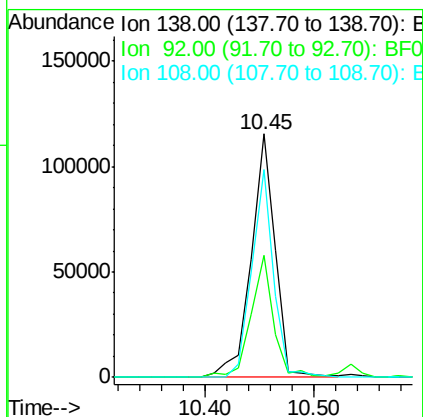
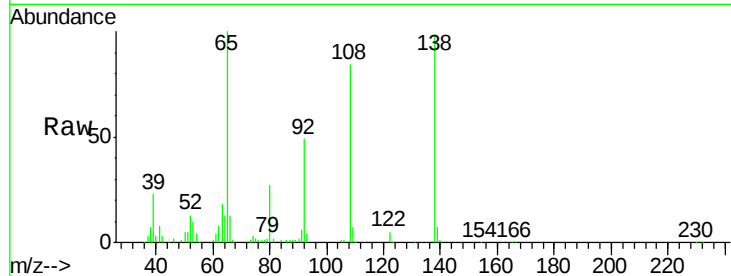
ClientSampleId :

SSTDICC080

Tot Ion:	138	Resp:	177652
Ion Ratio	Lower	Upper	
138	100		
92	50.1	32.6	72.6
108	85.2	68.6	108.6

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#62

Azobenzene

Concen: 86.45 ng

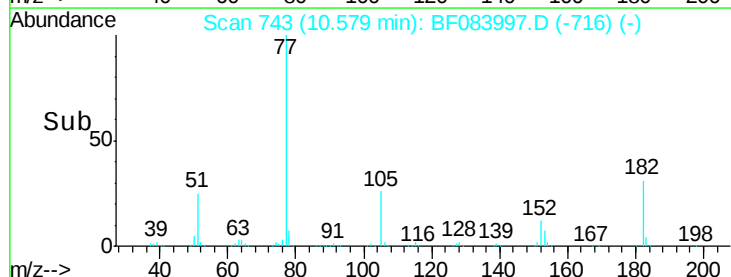
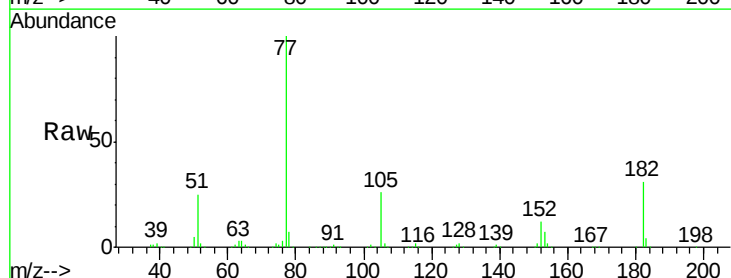
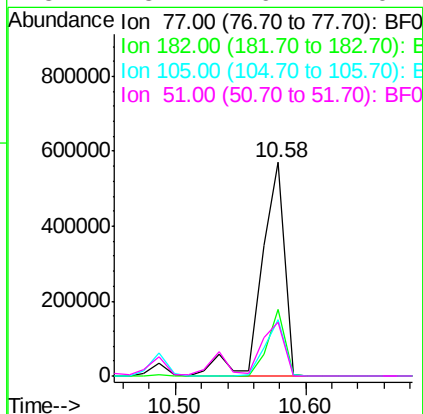
RT: 10.58 min Scan# 743

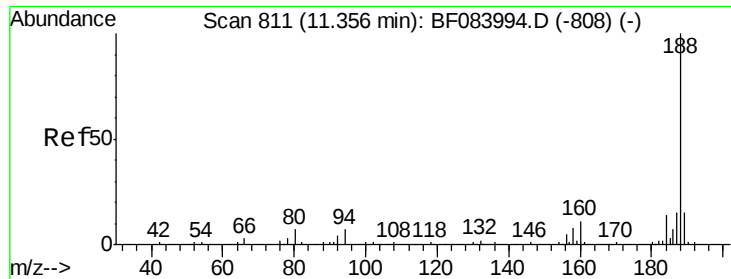
Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Tgt Ion:	77	Resp:	701110
Ion Ratio	Lower	Upper	
77	100		
182	31.1	8.3	48.3
105	26.3	4.6	44.6
51	25.4	6.2	46.2





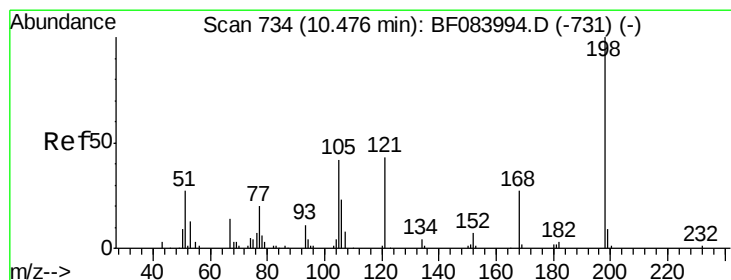
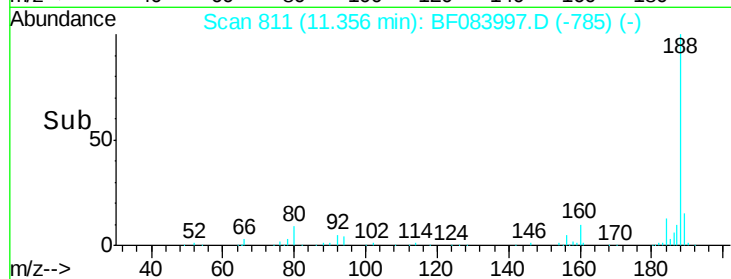
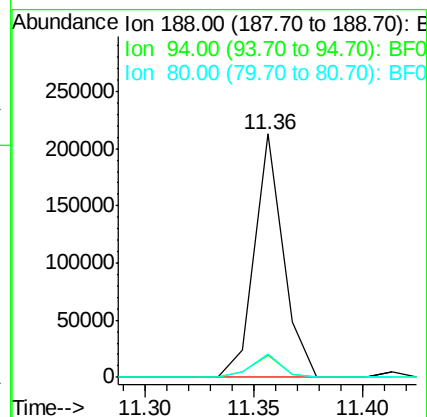
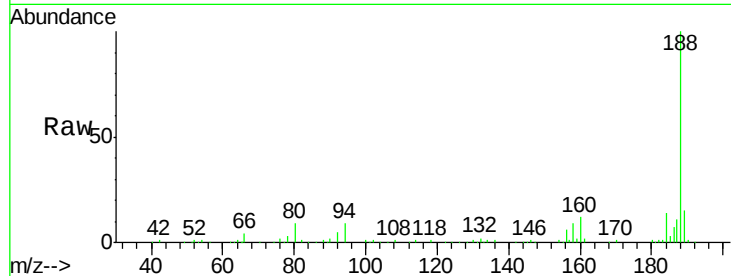
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.5	9.6	14.4#

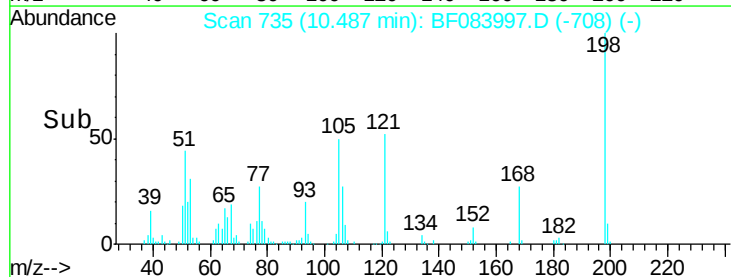
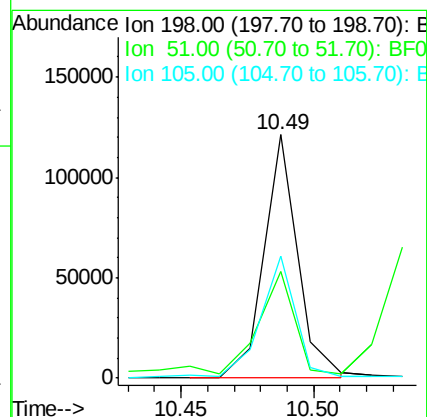
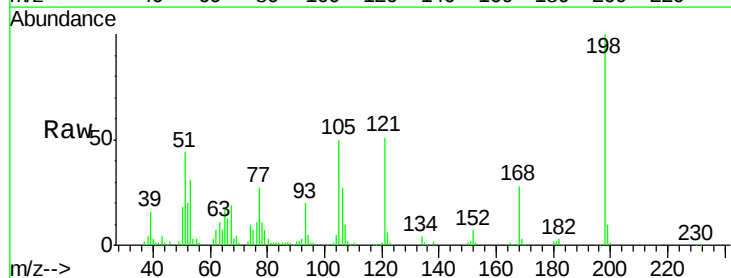
Manual Integrations
APPROVED

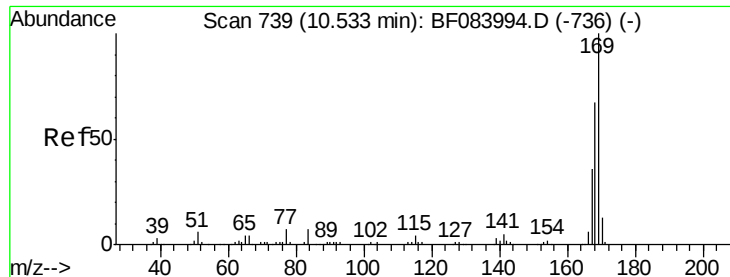
apatel
12/23/2015 4:27:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 104.48 ng m
RT: 10.49 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.6	18.9	58.9
105	50.1	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 73.39 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

ClientSampleId :

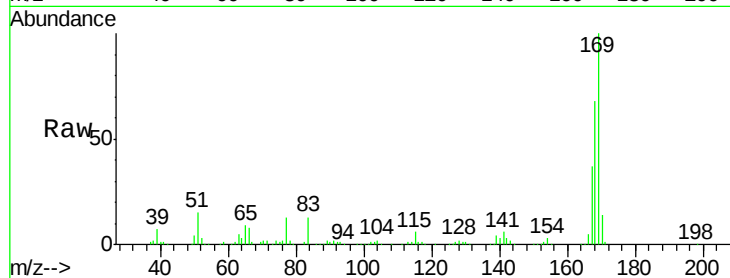
SSTDICC080

Manual Integrations
APPROVED

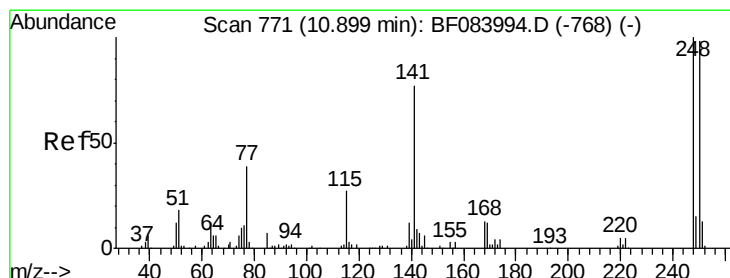
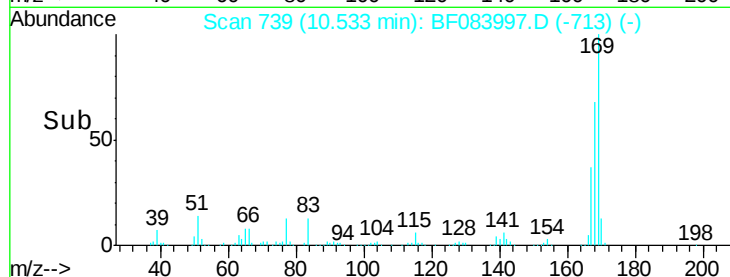
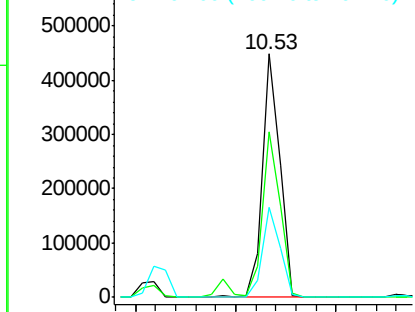
apatel

12/23/2015 4:27:02 PM

Tot Ion:	169	Resp:	538146
Ion Ratio	Lower	Upper	
169	100		
168	67.9	55.1	82.7
167	36.9	30.0	45.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 78.54 ng

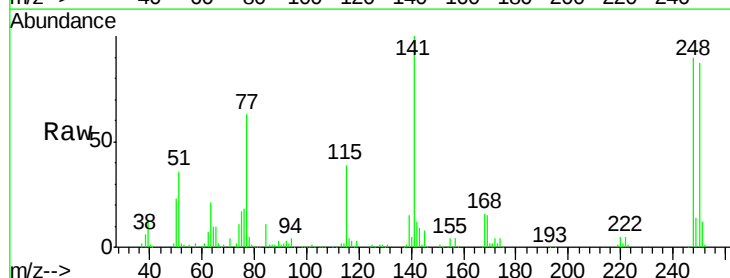
RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

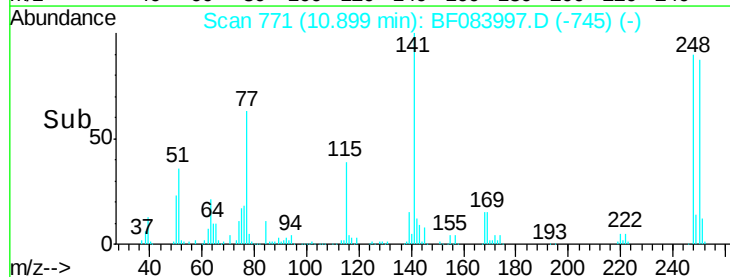
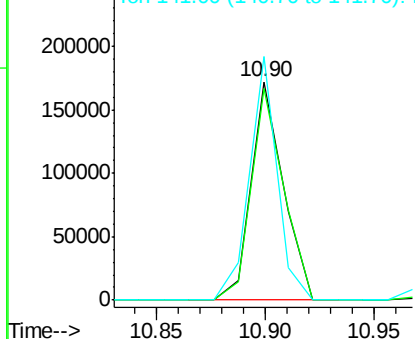
Lab File: BF083997.D

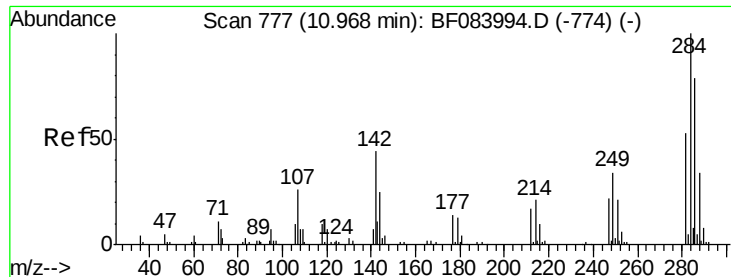
Acq: 22 Dec 2015 17:40

Tgt Ion:	248	Resp:	177166
Ion Ratio	Lower	Upper	
248	100		
250	97.2	78.4	117.6
141	111.5	44.0	66.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 77.05 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

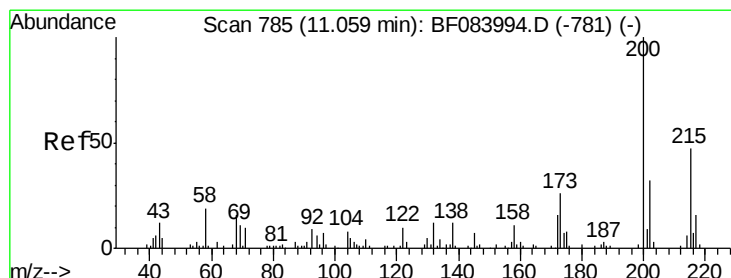
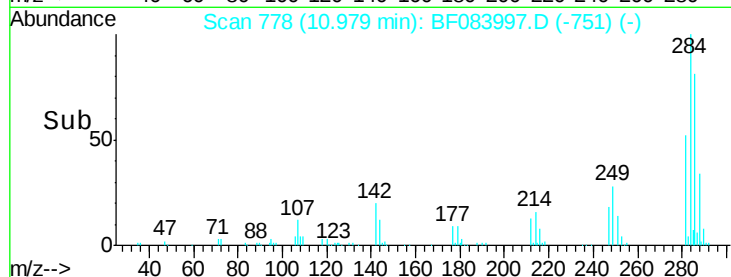
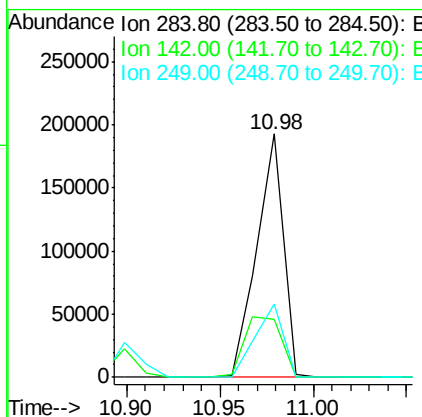
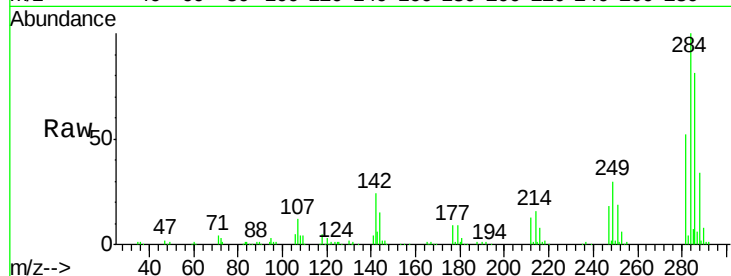
ClientSampleId :

SSTDICC080

Tot Ion:	284	Resp:	190209
Ion Ratio		Lower	Upper
284	100		
142	23.7	22.2	33.4
249	30.1	24.6	37.0

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#68

Atrazine

Concen: 79.75 ng

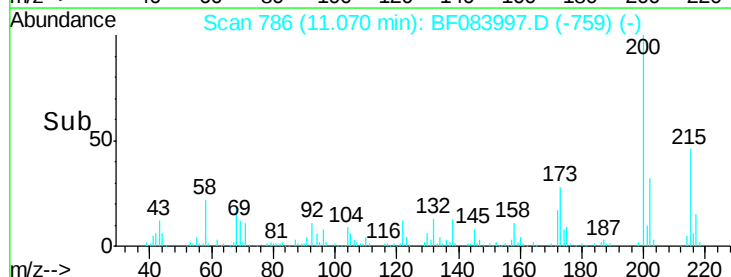
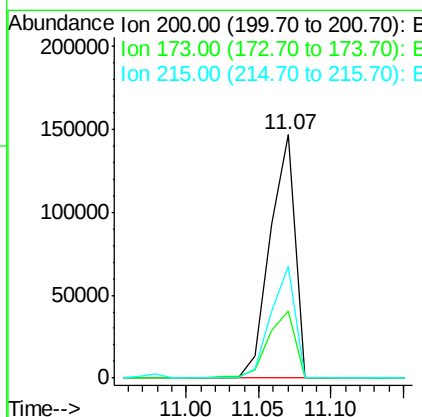
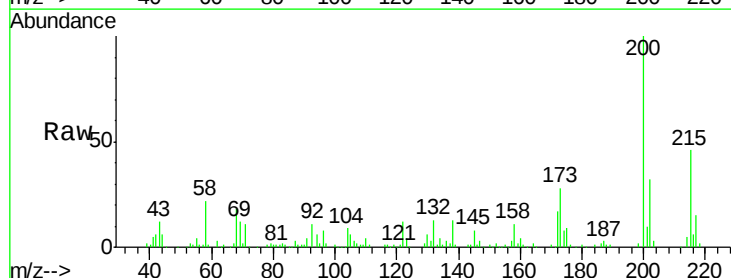
RT: 11.07 min Scan# 786

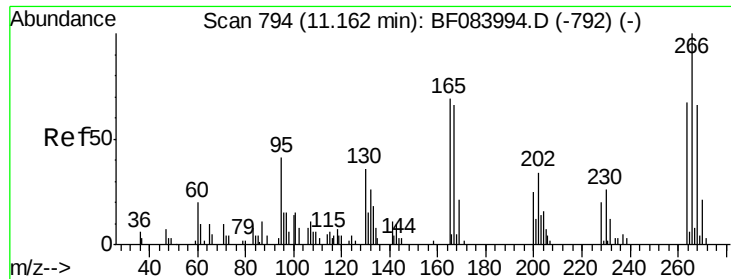
Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Tgt Ion:	200	Resp:	174794
Ion Ratio		Lower	Upper
200	100		
173	27.8	9.5	49.5
215	46.2	23.8	63.8





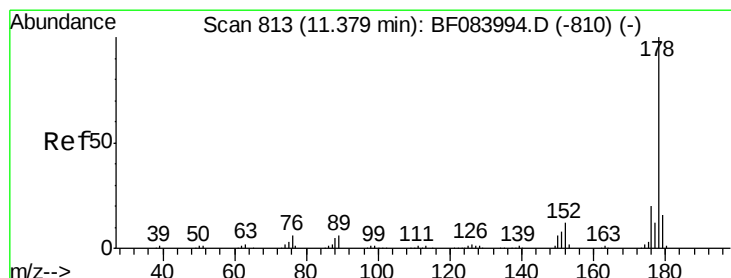
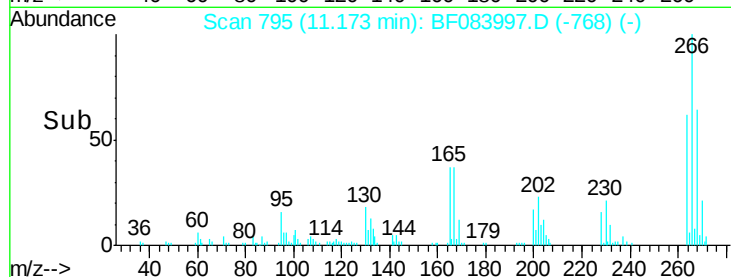
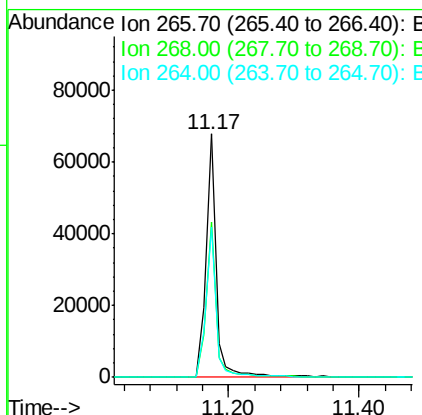
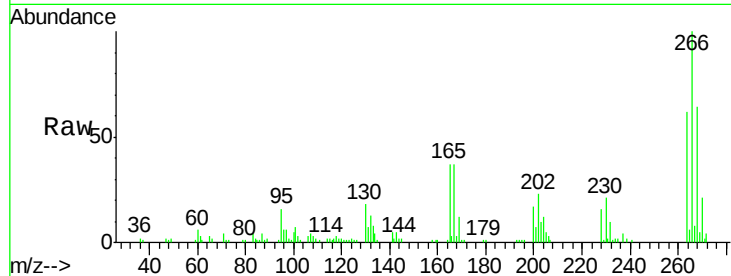
#69
 Pentachlorophenol
 Concen: 114.28 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.4	78.6
264	61.9	50.2	75.2

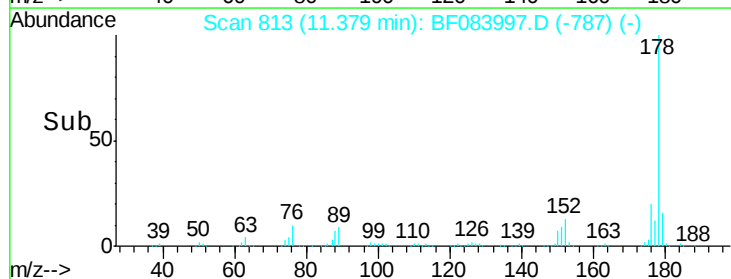
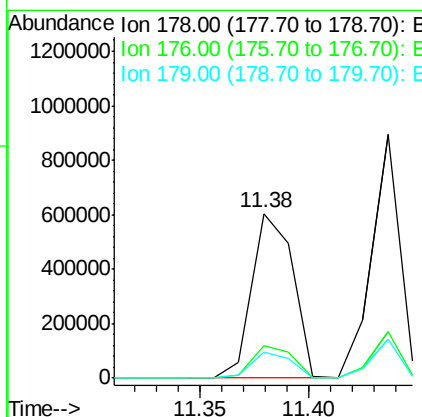
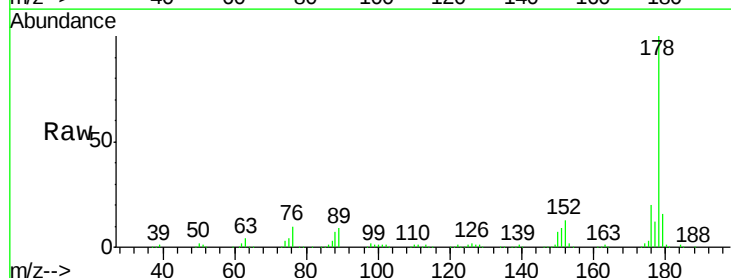
Manual Integrations
 APPROVED

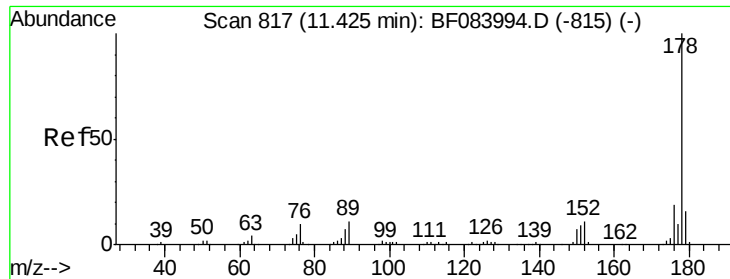
apatel
 12/23/2015 4:27:02 PM



#70
 Phenanthrene
 Concen: 70.52 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	15.8	12.0	18.0





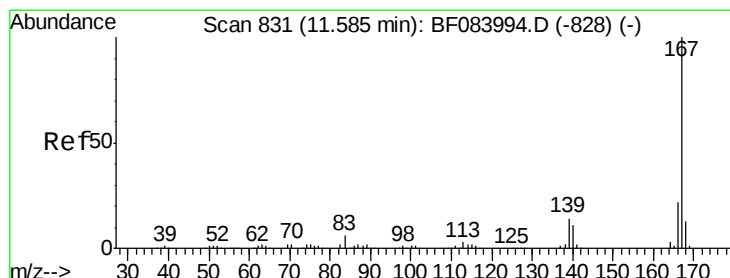
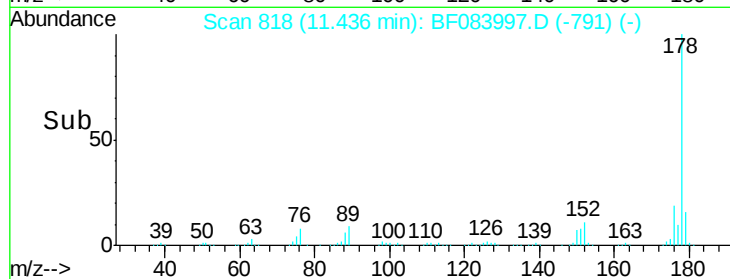
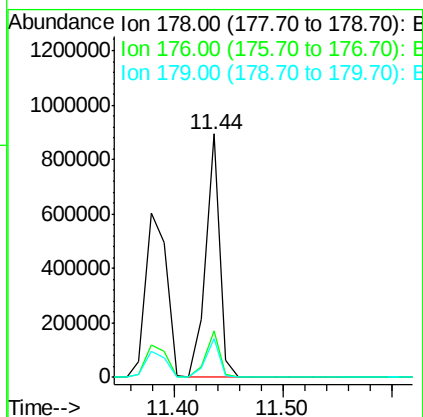
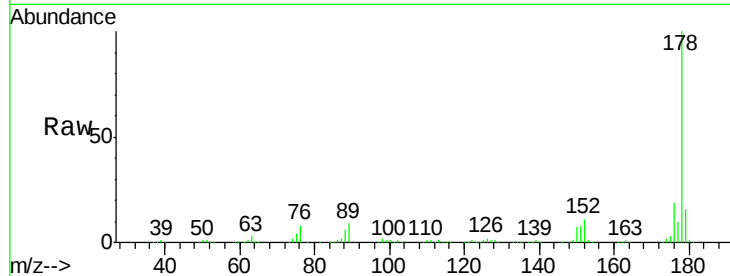
#71
 Anthracene
 Concen: 70.32 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.9	12.5	18.7

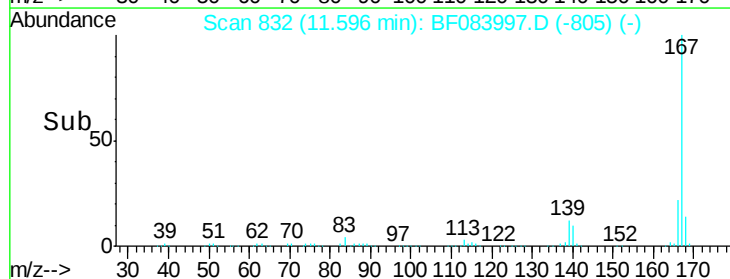
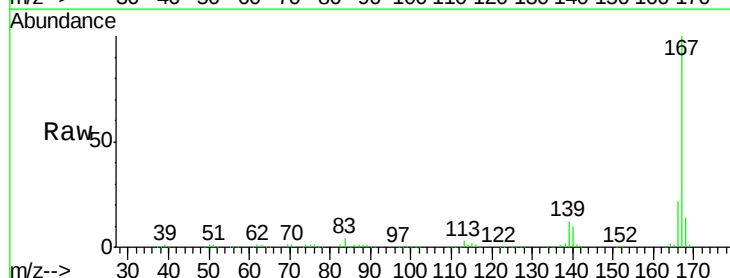
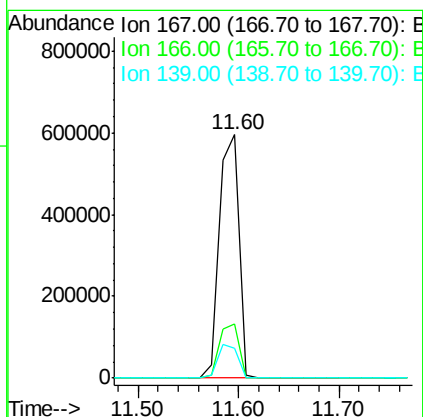
Manual Integrations
 APPROVED

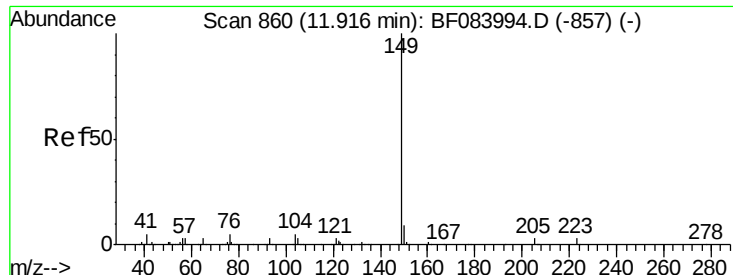
apatel
 12/23/2015 4:27:02 PM



#72
 Carbazole
 Concen: 76.08 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.3	11.8	17.8





#73

Di-n-butylphthalate

Concen: 68.90 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

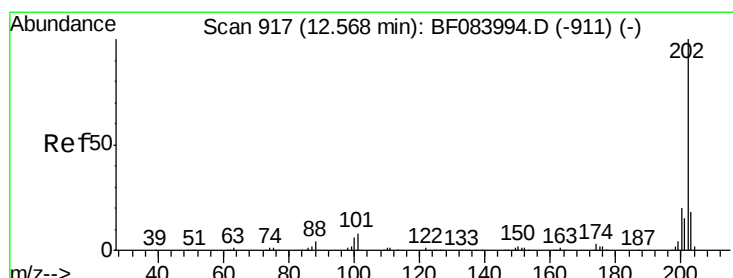
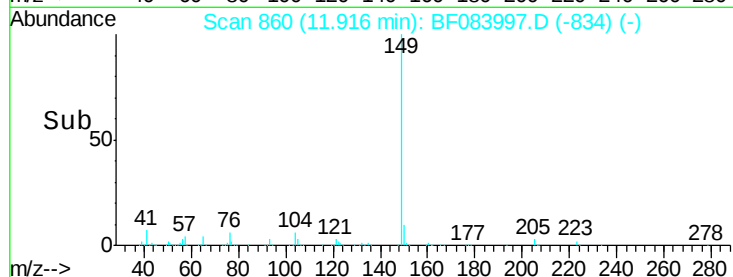
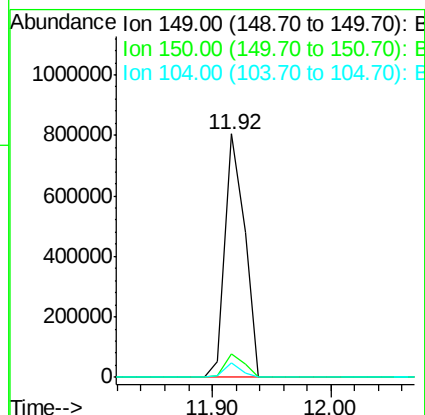
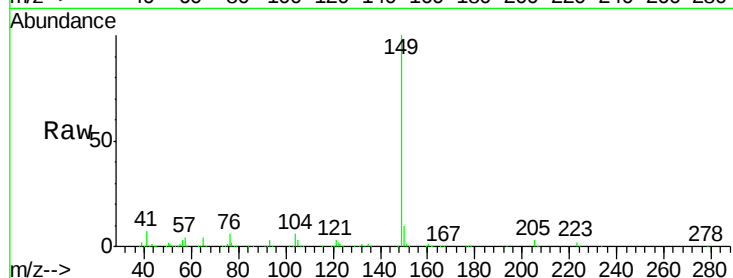
ClientSampleId :

SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.1	10.7
104	5.8	3.2	4.8

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#74

Fluoranthene

Concen: 70.78 ng

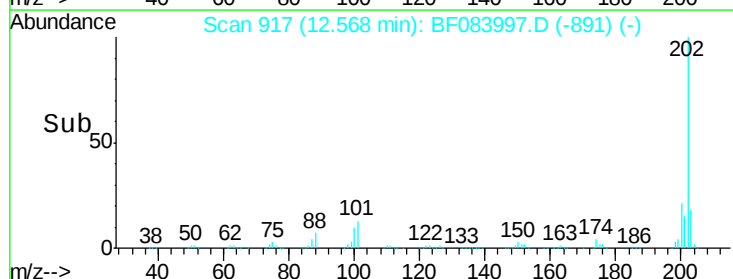
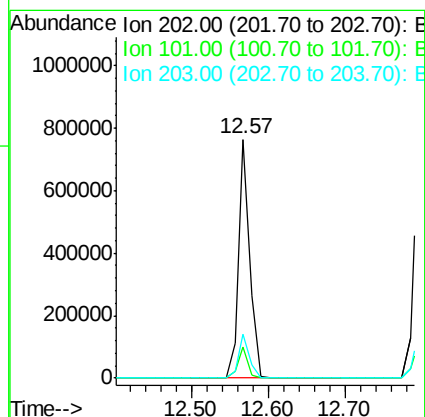
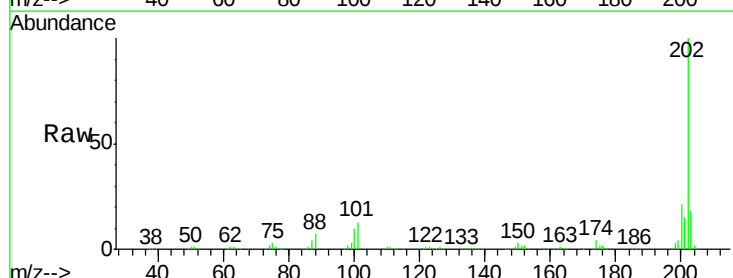
RT: 12.57 min Scan# 917

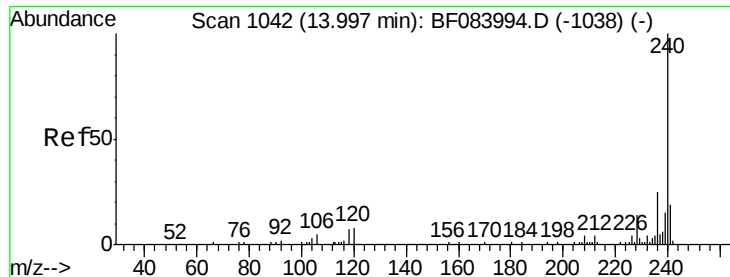
Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.8
203	18.4	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: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

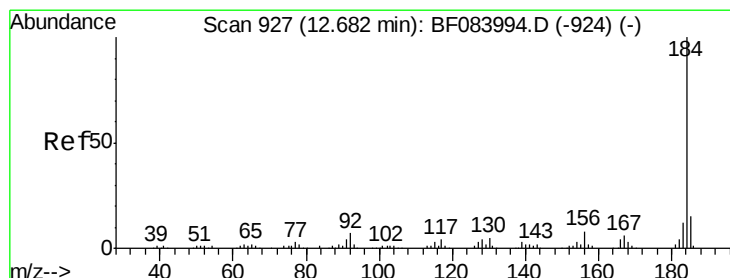
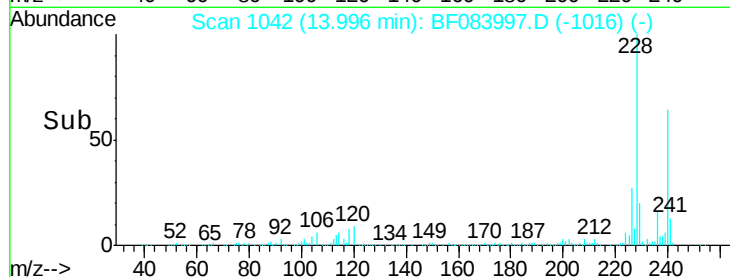
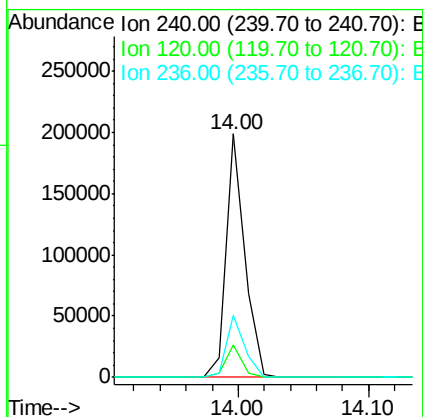
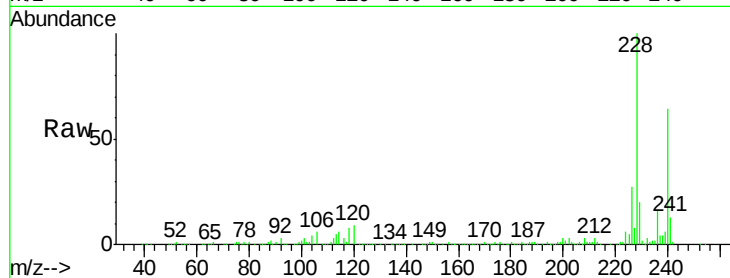
ClientSampleId :

SSTDIC080

Tot Ion:	240	Resp:	196534
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	25.6	20.6	31.0

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#76

Benzidine

Concen: 70.17 ng

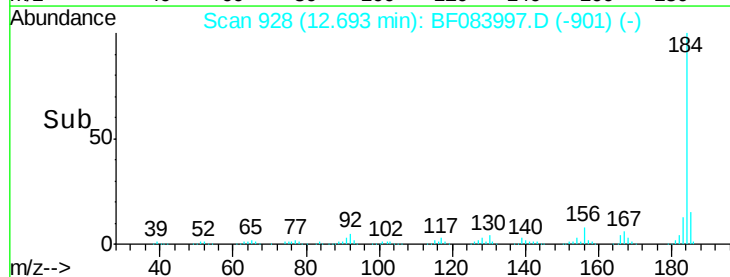
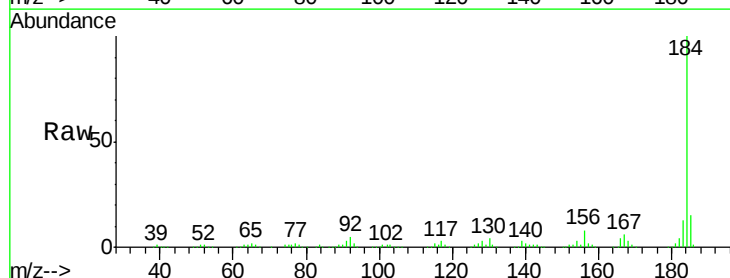
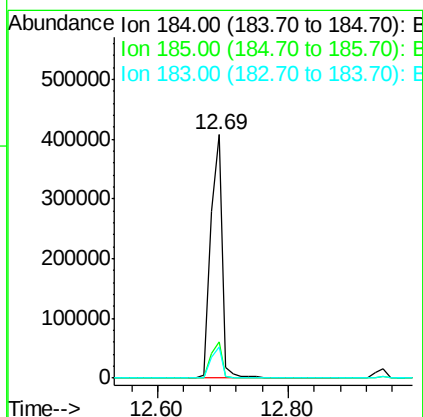
RT: 12.69 min Scan# 928

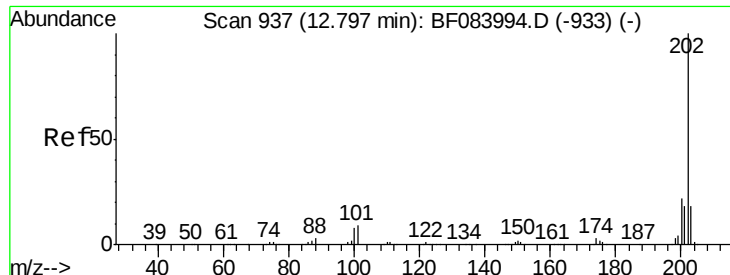
Delta R.T. 0.01 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Tgt Ion:	184	Resp:	500605
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	12.6	9.8	14.8





#77

Pvrene

Concen: 60.27 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

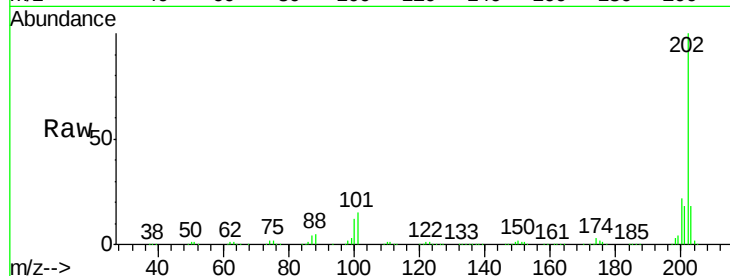
ClientSampleId :

SSTDICC080

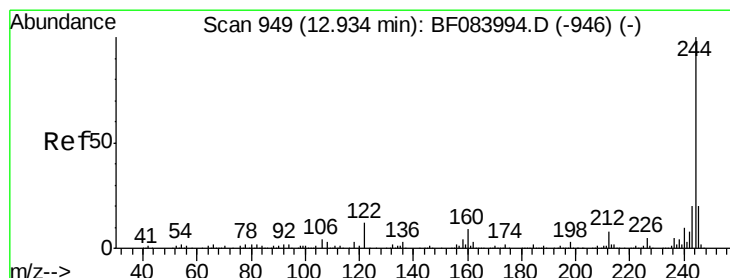
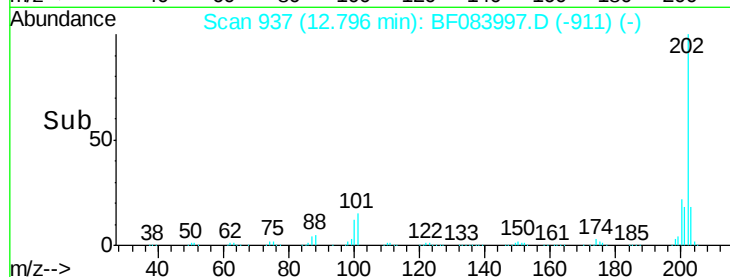
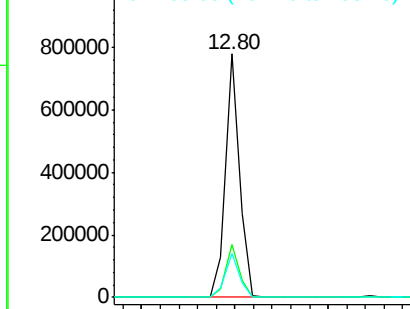
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.2	25.8
203	18.2	14.3	21.5

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



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



#78

Terphenyl-d14

Concen: 65.85 ng

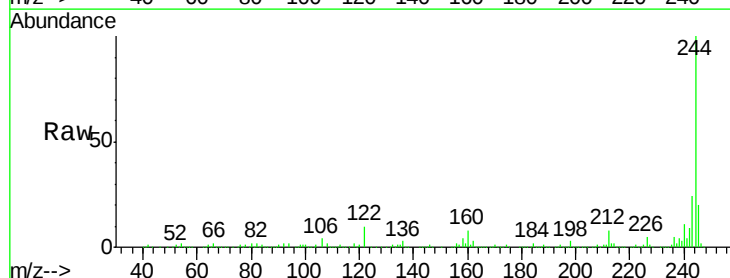
RT: 12.94 min Scan# 950

Delta R.T. 0.01 min

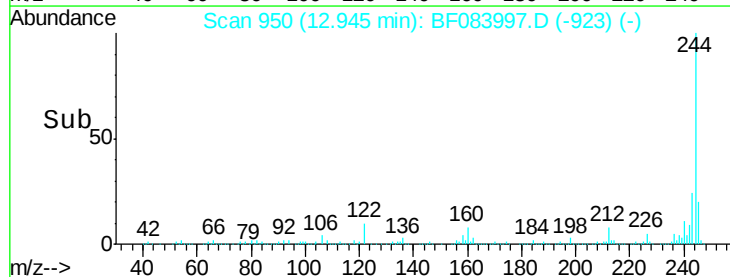
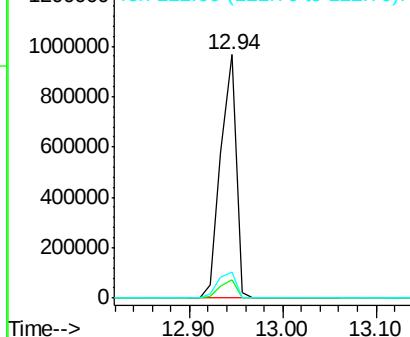
Lab File: BF083997.D

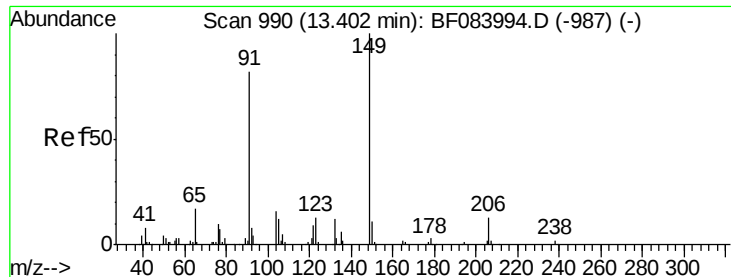
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	10.4	7.4	11.0



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





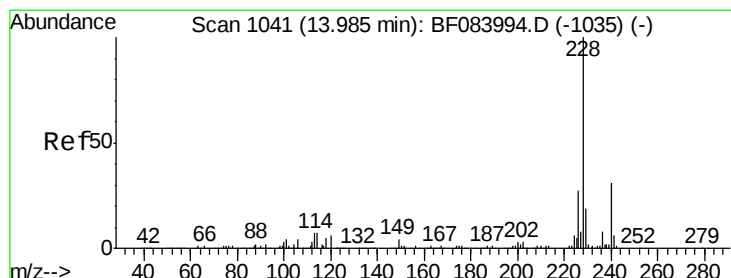
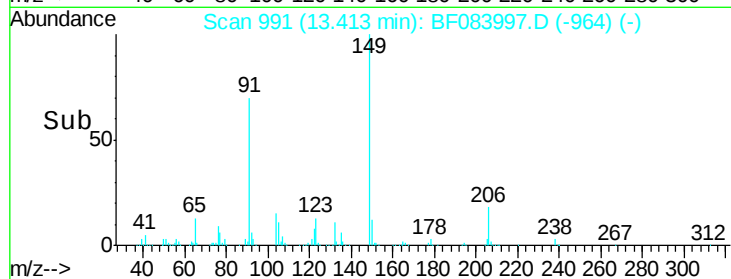
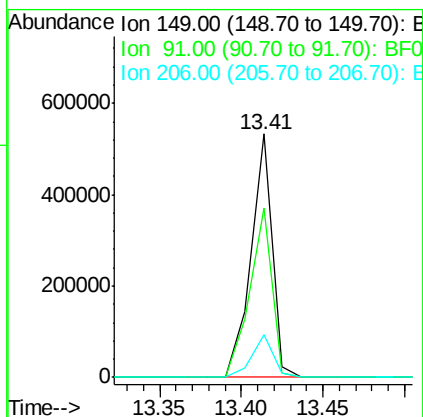
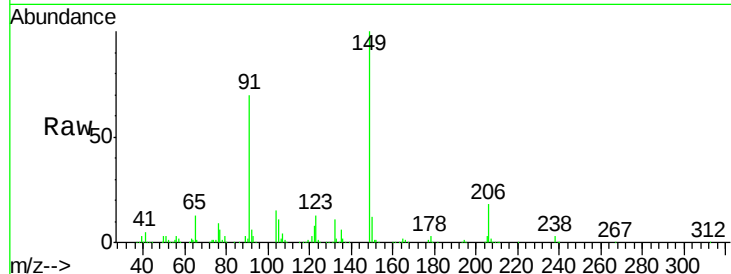
#79
Butylbenzylphthalate
Concen: 78.40 ng
RT: 13.41 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
149	100	482204		
91	69.6	57.6	86.4	
206	17.6	13.2	19.8	

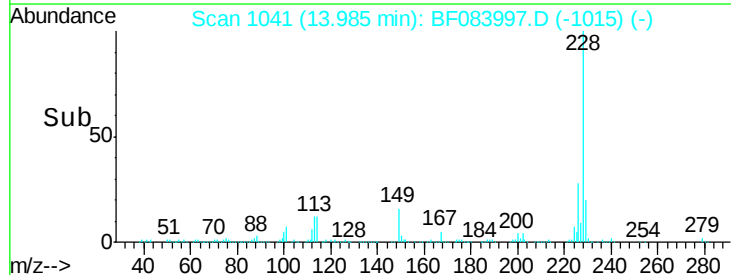
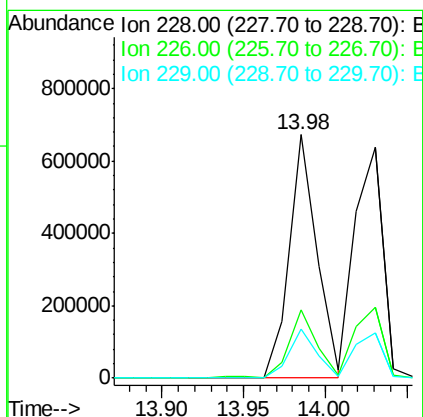
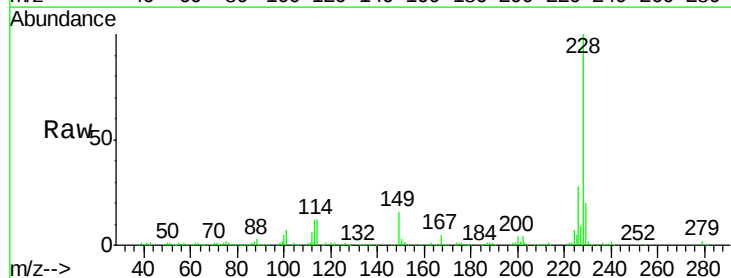
Manual Integrations
APPROVED

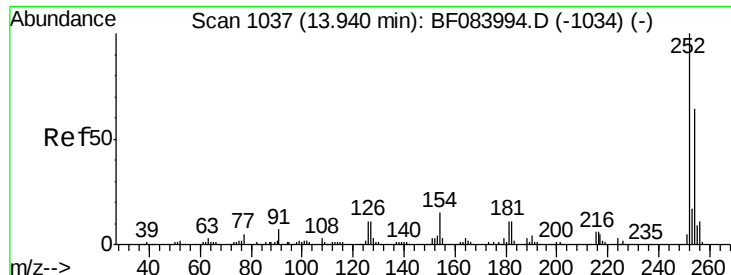
apatel
12/23/2015 4:27:02 PM



#80
Benzo(a)anthracene
Concen: 69.12 ng
RT: 13.98 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	798820		
226	28.0	21.8	32.6	
229	20.4	15.8	23.8	





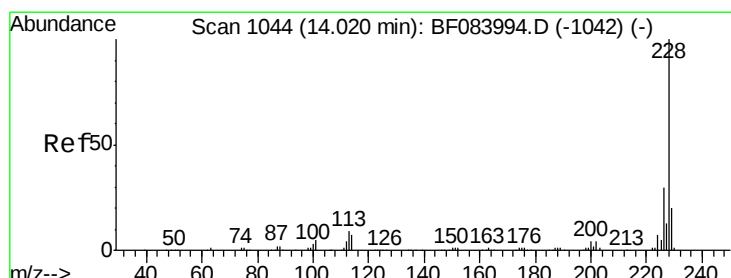
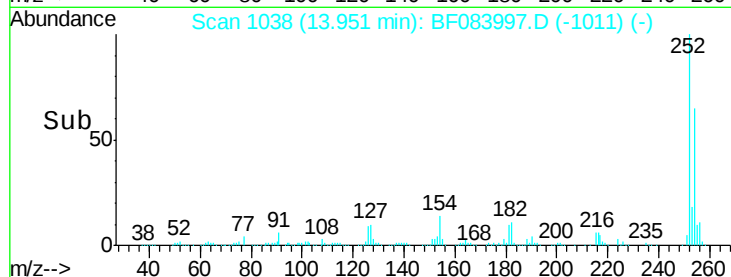
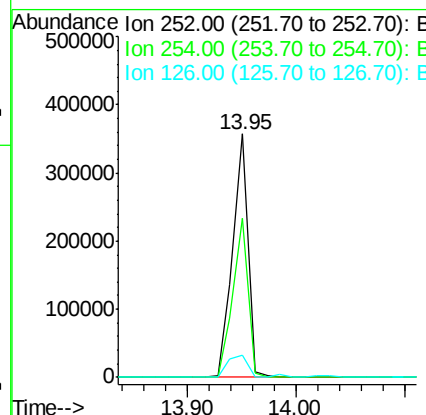
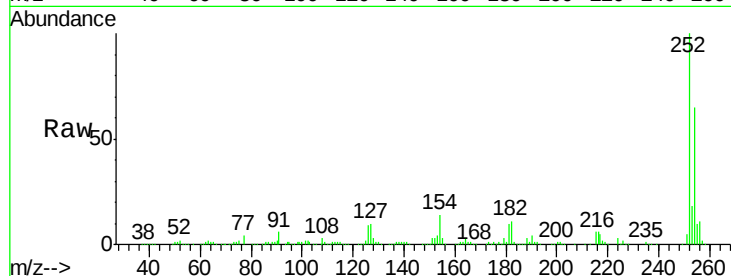
#81
 3,3'-Dichlorobenzidine
 Concen: 81.98 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.3	53.5	80.3
126	9.1	4.9	7.3

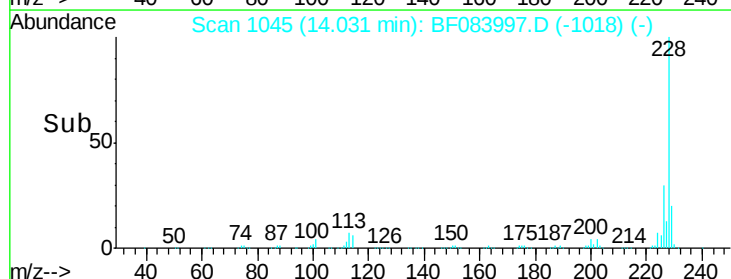
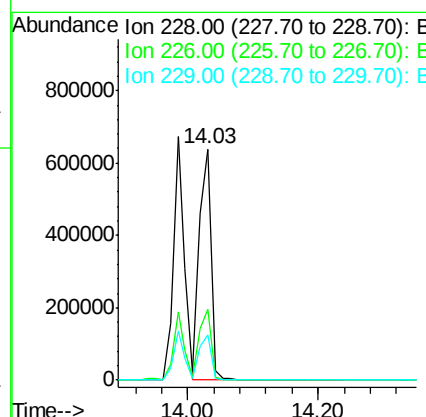
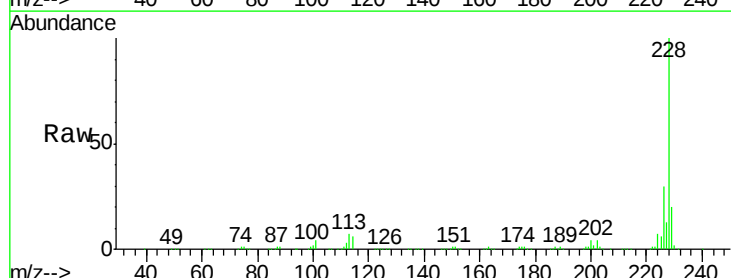
Manual Integrations
 APPROVED

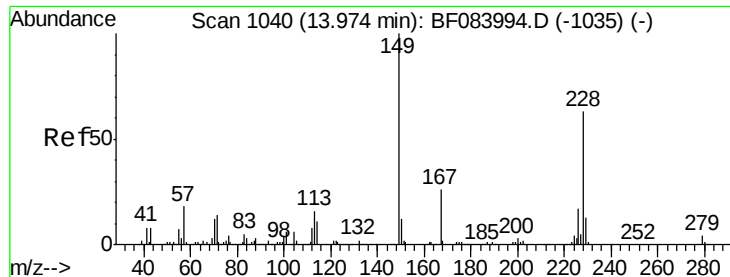
apatel
 12/23/2015 4:27:02 PM



#82
 Chrysene
 Concen: 73.69 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF083997.D
 Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.5	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 68.48 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Instrument :

BNA_F

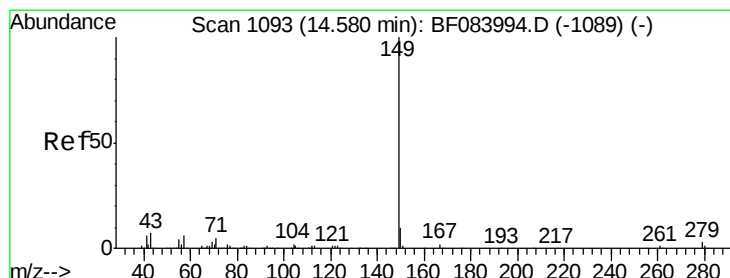
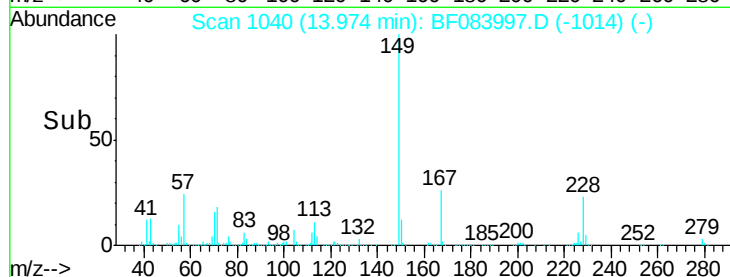
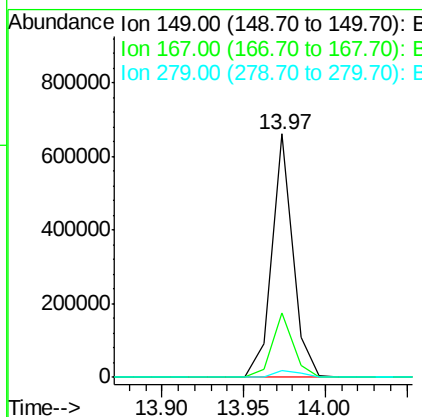
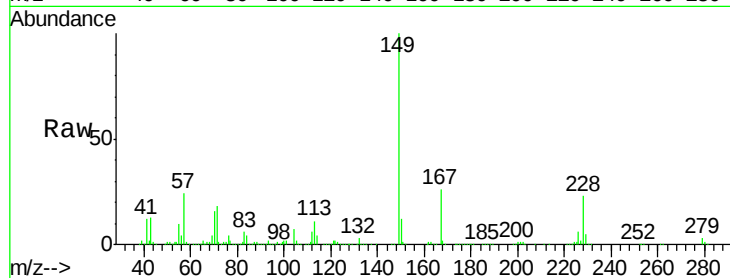
ClientSampleId :

SSTDIC080

Tot Ion:	149	Resp:	594657
Ion Ratio		Lower	Upper
149	100		
167	26.2	19.7	29.5
279	2.9	1.8	2.6#

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#84

Di-n-octyl phthalate

Concen: 79.42 ng

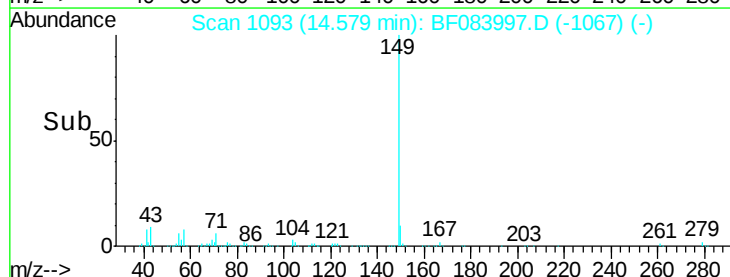
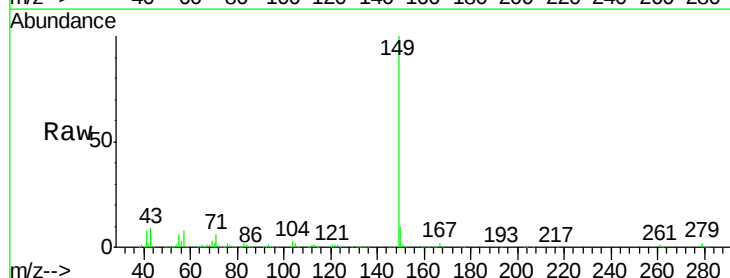
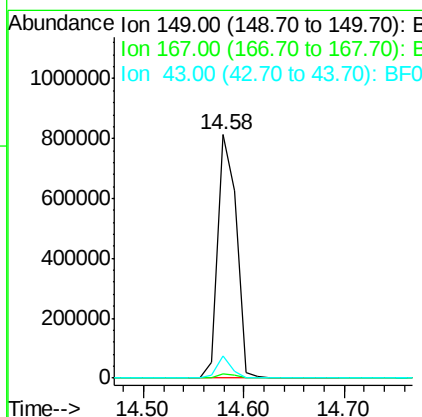
RT: 14.58 min Scan# 1093

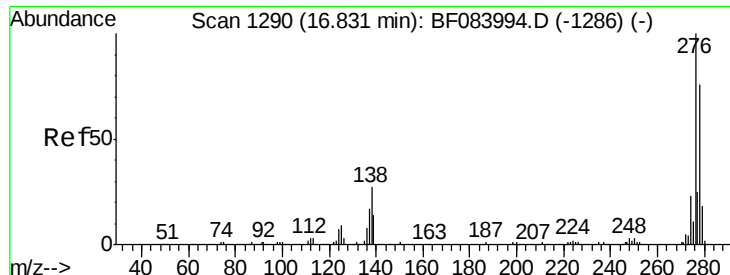
Delta R.T. -0.00 min

Lab File: BF083997.D

Acq: 22 Dec 2015 17:40

Tgt Ion:	149	Resp:	1039795
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.0	5.6	8.4





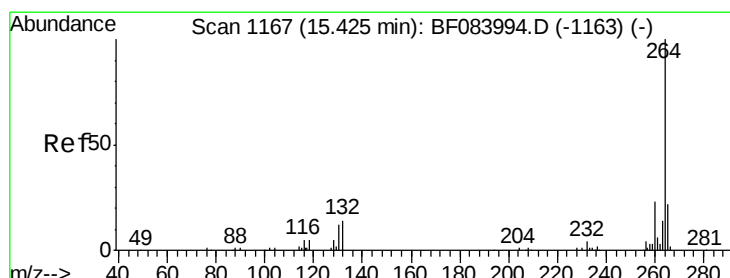
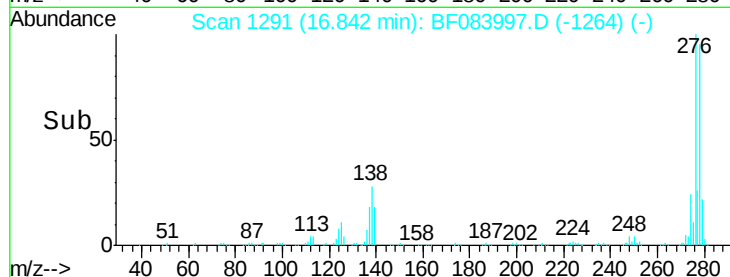
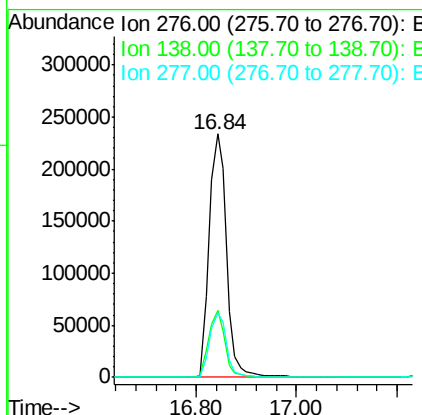
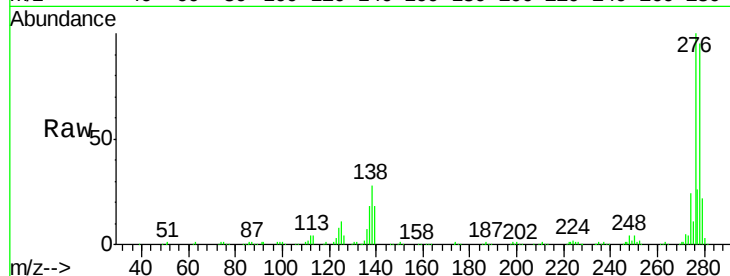
#85
Indeno(1,2,3-cd)pyrene
Concen: 62.74 ng
RT: 16.84 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.6	30.8
277	25.6	20.1	30.1

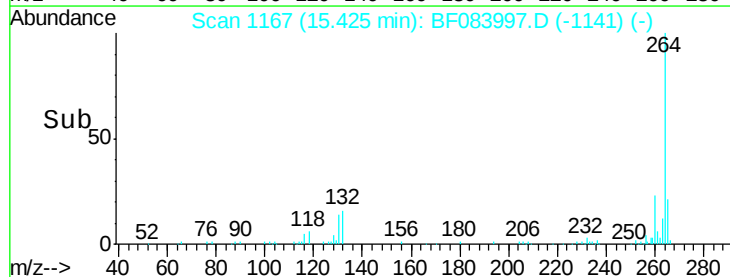
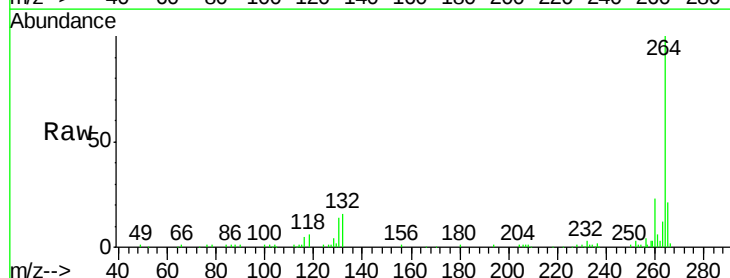
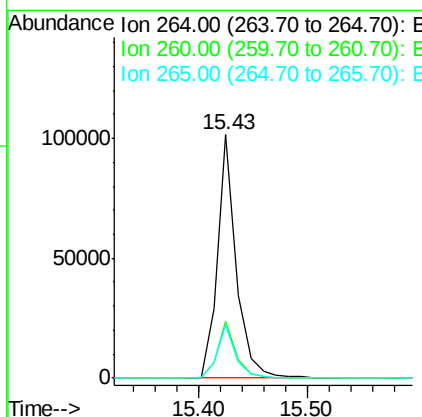
Manual Integrations
APPROVED

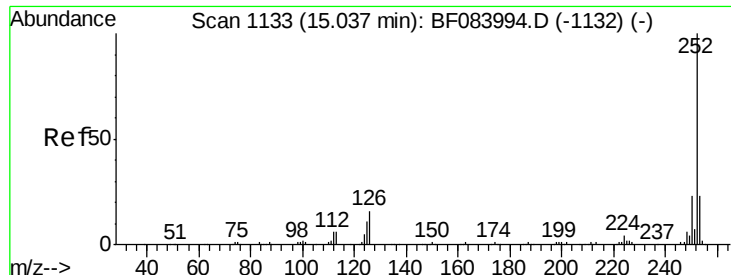
apatel
12/23/2015 4:27:02 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.5	17.8	26.6





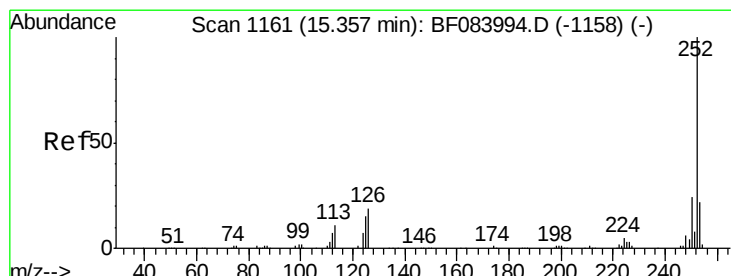
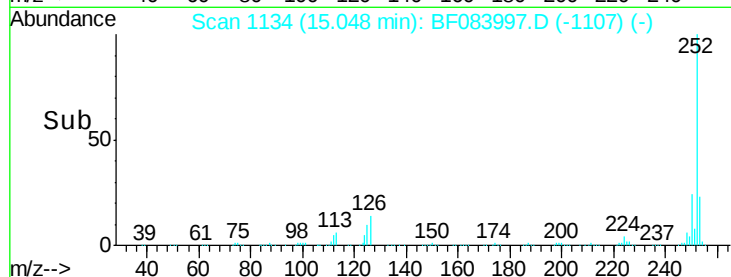
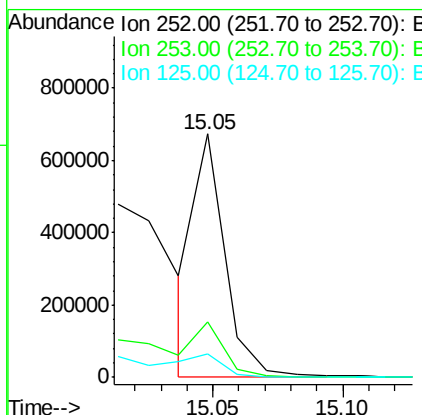
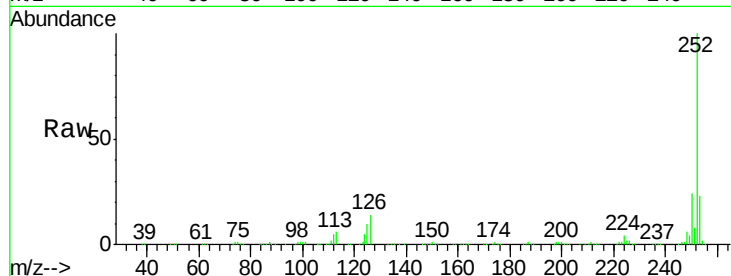
#88
Benzo(k)fluoranthene
Concen: 75.44 ng m
RT: 15.05 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.6	9.0	13.6

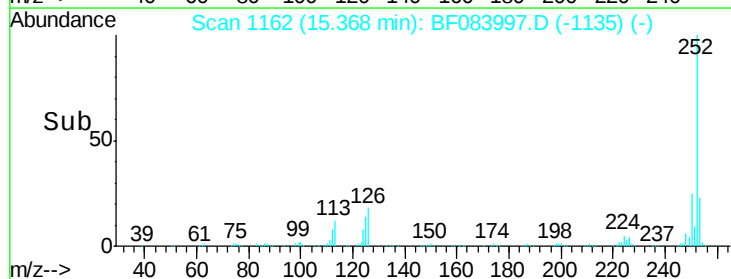
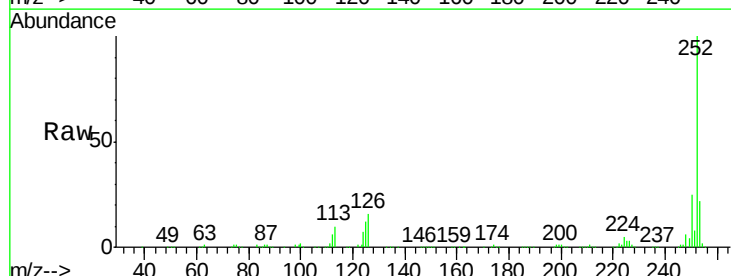
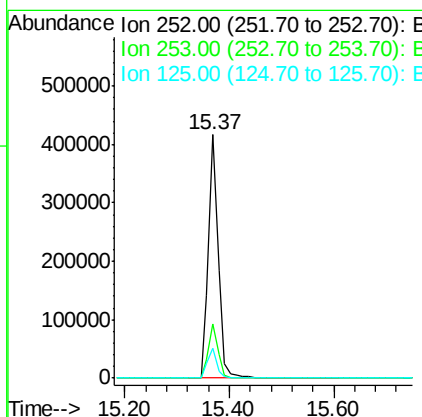
Manual Integrations
APPROVED

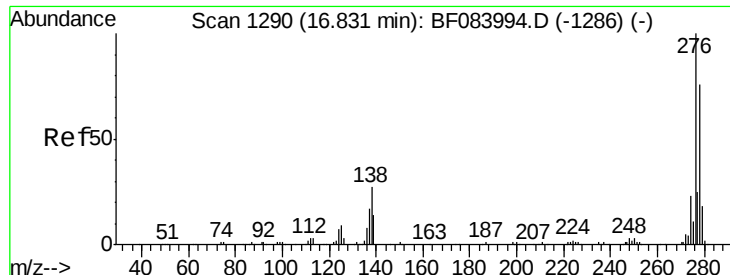
apatel
12/23/2015 4:27:02 PM



#89
Benzo(a)pyrene
Concen: 75.69 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	12.2	7.0	10.4





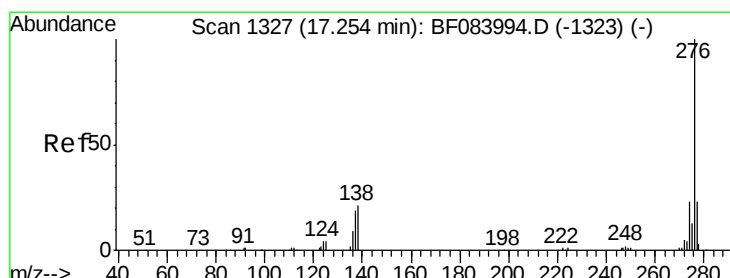
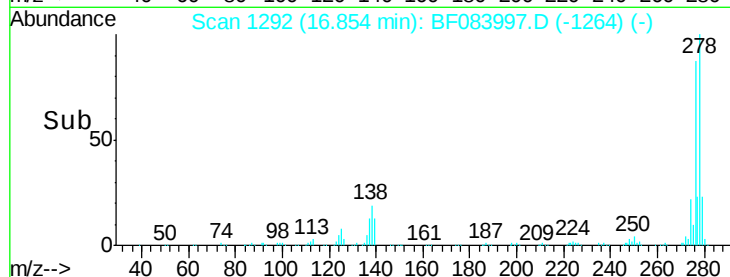
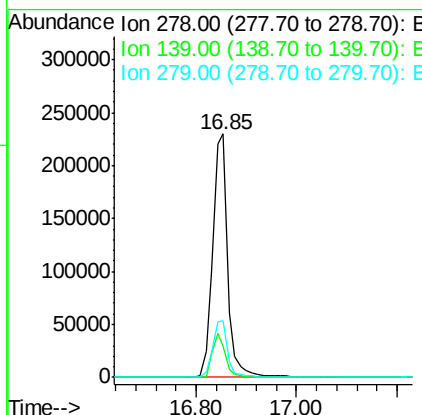
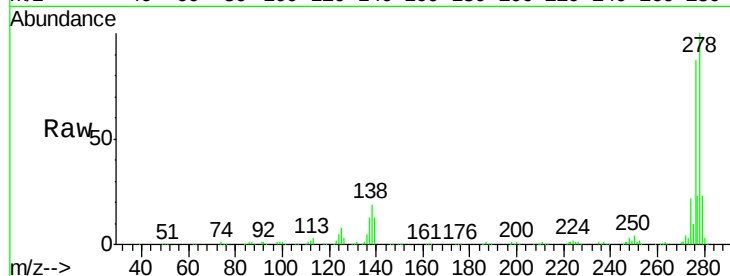
#90
Dibenzo(a,h)anthracene
Concen: 79.88 ng
RT: 16.85 min Scan# 1292
Delta R.T. 0.02 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.0	22.4#
279	23.5	18.9	28.3

Manual Integrations
APPROVED

apatel
12/23/2015 4:27:02 PM



#91
Benzo(g,h,i)perylene
Concen: 79.49 ng
RT: 17.27 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF083997.D
Acq: 22 Dec 2015 17:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	21.9	17.8	26.6

