

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081934.D
 Acq On : 1 Oct 2015 12:37
 Operator : UM/IZ
 Sample : PB85818BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

Manual Integrations
 APPROVED

apatel
 10/2/2015 9:01:11 AM

Quant Time: Oct 02 02:16:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	136424	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	523028	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	262384	20.00	ng	-0.03
63) Phenanthrene-d10	11.43	188	502898	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	428112	20.00	ng	-0.05
86) Perylene-d12	15.51	264	366143	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	823754	109.61	ng	-0.01
7) Phenol-d6	6.54	99	1039456	109.92	ng	-0.02
23) Nitrobenzene-d5	7.46	82	620908	79.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	298389	112.29	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1168263	72.39	ng	-0.05
78) Terphenyl-d14	13.01	244	1198889	92.78	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	105360	32.24	ng	85
3) Pyridine	3.34	79	266191	31.28	ng	# 84
4) n-Nitrosodimethylamine	3.30	42	123823	32.04	ng	95
6) Aniline	6.56	93	273053m	21.49	ng	
8) 2-Chlorophenol	6.69	128	317548	38.26	ng	97
9) Benzaldehyde	6.45	77	58679	9.48	ng	# 84
10) Phenol	6.55	94	374789	35.33	ng	80
11) bis(2-Chloroethyl)ether	6.64	93	335705m	40.81	ng	
12) 1,3-Dichlorobenzene	6.83	146	342913m	34.98	ng	
13) 1,4-Dichlorobenzene	6.91	146	367890m	35.94	ng	
14) 1,2-Dichlorobenzene	7.07	146	328600	36.03	ng	97
15) Benzyl Alcohol	7.04	79	222519	32.60	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.18	45	421987	36.29	ng	80
17) 2-Methylphenol	7.15	107	254228	37.78	ng	# 86
18) Hexachloroethane	7.41	117	120282	37.54	ng	# 87
19) n-Nitroso-di-n-propylamine	7.31	70	203488	35.40	ng	# 77
20) 3+4-Methylphenols	7.30	107	292984	34.47	ng	# 66
22) Acetophenone	7.31	105	412085	38.53	ng	# 82
24) Nitrobenzene	7.49	77	319398	37.49	ng	# 71
25) Isophorone	7.73	82	590713	37.98	ng	# 93
26) 2-Nitrophenol	7.81	139	176038	43.04	ng	# 86
27) 2,4-Dimethylphenol	7.84	122	301901	41.96	ng	# 84
28) bis(2-Chloroethoxy)methane	7.93	93	349192	37.81	ng	# 93
29) 2,4-Dichlorophenol	8.05	162	288135	41.30	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	313373	40.24	ng	99
31) Naphthalene	8.21	128	901469	38.90	ng	97
32) Benzoic acid	7.95	122	154949	37.84	ng	# 71
33) 4-Chloroaniline	8.26	127	117051	11.68	ng	# 96
34) Hexachlorobutadiene	8.32	225	187652	40.74	ng	99
35) Caprolactam	8.63	113	82254m	42.59	ng	
36) 4-Chloro-3-methylphenol	8.74	107	289097	42.38	ng	95
37) 2-Methylnaphthalene	8.89	142	605523	38.28	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	311853	38.71	ng	99
40) Hexachlorocyclopentadiene	9.05	237	361052	87.04	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081934.D
 Acq On : 1 Oct 2015 12:37
 Operator : UM/IZ
 Sample : PB85818BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

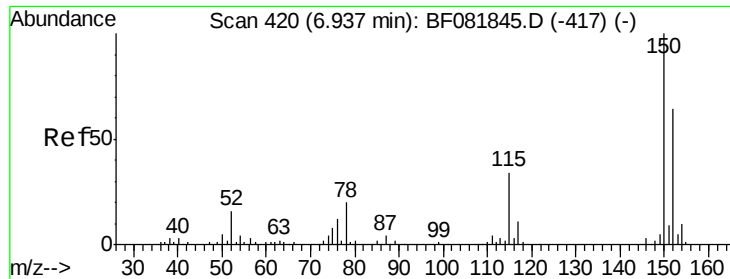
Manual Integrations
 APPROVED

apatel
 10/2/2015 9:01:11 AM

Quant Time: Oct 02 02:16:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	223146	40.41	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	219479	38.65	ng #	94
45) 1,1'-Biphenyl	9.36	154	745227	36.81	ng	94
46) 2-Chloronaphthalene	9.38	162	582536	36.65	ng #	92
47) 2-Nitroaniline	9.49	65	181643	38.93	ng #	82
48) Acenaphthylene	9.81	152	974512	38.31	ng	97
49) Dimethylphthalate	9.67	163	733360	40.49	ng #	97
50) 2,6-Dinitrotoluene	9.73	165	150394	38.25	ng #	63
51) Acenaphthene	9.98	154	645807	42.75	ng	89
52) 3-Nitroaniline	9.90	138	90347	19.86	ng #	74
53) 2,4-Dinitrophenol	10.00	184	142425	76.61	ng #	52
54) Dibenzofuran	10.15	168	847291	39.69	ng	93
55) 4-Nitrophenol	10.06	139	231581	70.45	ng #	52
56) 2,4-Dinitrotoluene	10.13	165	203880	40.67	ng #	71
57) Fluorene	10.49	166	658980	43.07	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	199201	44.22	ng	91
59) Diethylphthalate	10.37	149	711012	42.03	ng	96
60) 4-Chlorophenyl-phenylether	10.48	204	323785	41.42	ng	94
61) 4-Nitroaniline	10.51	138	161675	35.45	ng #	49
62) Azobenzene	10.64	77	684495	41.46	ng	93
64) 4,6-Dinitro-2-methylphenol	10.54	198	111060	48.54	ng #	77
65) n-Nitrosodiphenylamine	10.61	169	583930	38.38	ng	92
66) 4-Bromophenyl-phenylether	10.97	248	216717	42.74	ng #	90
67) Hexachlorobenzene	11.03	284	208058	36.36	ng #	91
68) Atrazine	11.13	200	210251	44.53	ng	83
69) Pentachlorophenol	11.22	266	234356	71.87	ng	100
70) Phenanthrene	11.45	178	1008429	41.54	ng	96
71) Anthracene	11.50	178	1003830	39.27	ng	97
72) Carbazole	11.66	167	935079	40.42	ng	95
73) Di-n-butylphthalate	11.99	149	1085108	46.08	ng	99
74) Fluoranthene	12.64	202	1090528	40.48	ng	86
76) Benzidine	12.77	184	348070	26.98	ng	98
77) Pyrene	12.87	202	1106956	43.28	ng	96
79) Butylbenzylphthalate	13.49	149	483737	50.26	ng #	91
80) Benzo(a)anthracene	14.06	228	929963	40.34	ng	96
81) 3,3'-Dichlorobenzidine	14.02	252	182973	23.50	ng #	93
82) Chrysene	14.09	228	958848m	51.48	ng	
83) Bis(2-ethylhexyl)phthalate	14.04	149	599249	49.64	ng #	91
84) Di-n-octyl phthalate	14.65	149	1047109	53.30	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.94	276	719104	39.87	ng #	88
87) Benzo(b)fluoranthene	15.09	252	983186m	47.03	ng	
88) Benzo(k)fluoranthene	15.12	252	706201m	36.86	ng	
89) Benzo(a)pyrene	15.45	252	798479	44.03	ng #	85
90) Dibenzo(a,h)anthracene	16.96	278	592869	38.97	ng #	81
91) Benzo(g,h,i)perylene	17.37	276	569246	36.51	ng #	77

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



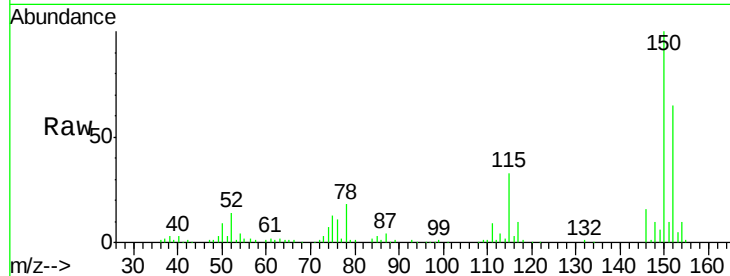
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.03 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

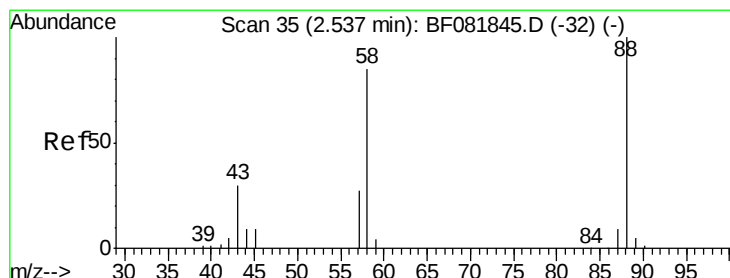
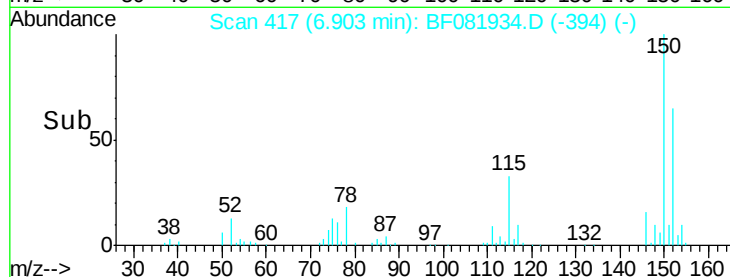
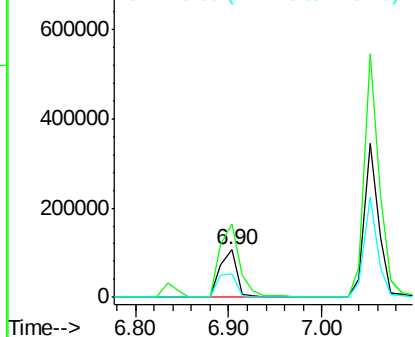
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.7	187.1
115	50.3	39.0	58.4

Manual Integrations
 APPROVED

apatel
 10/2/2015 9:01:11 AM



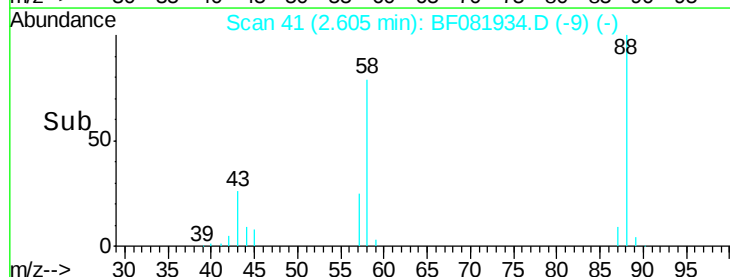
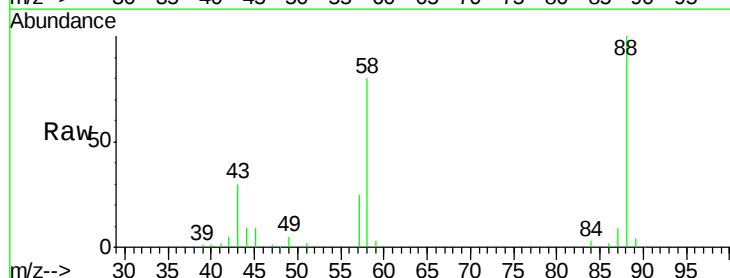
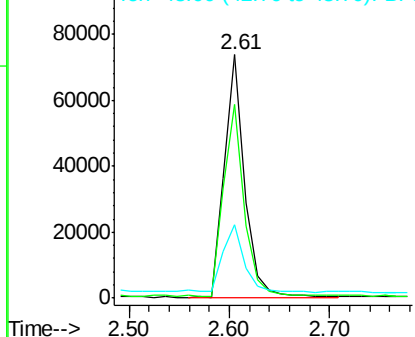
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

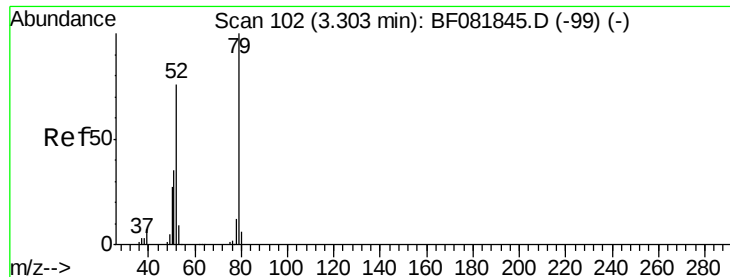


#2
 1,4-Dioxane
 Concen: 32.24 ng
 RT: 2.61 min Scan# 41
 Delta R.T. 0.07 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.8	77.7	116.5
43	28.7	26.6	40.0

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





#3

Pyridine

Concen: 31.28 ng

RT: 3.34 min Scan# 105

Delta R.T. 0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

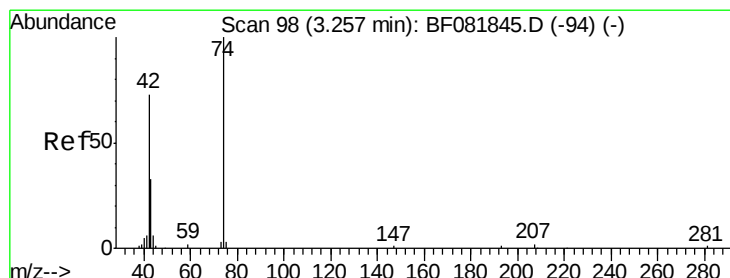
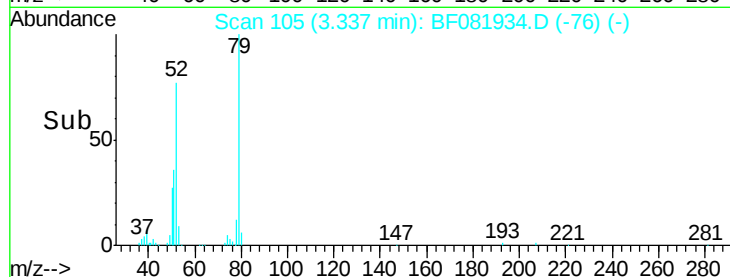
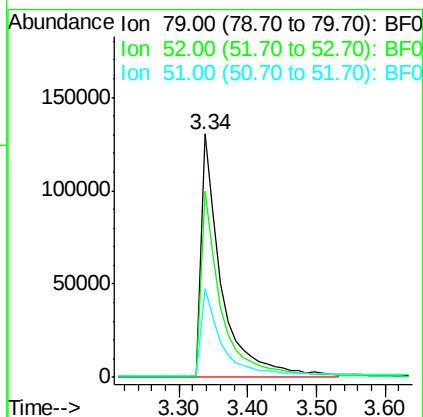
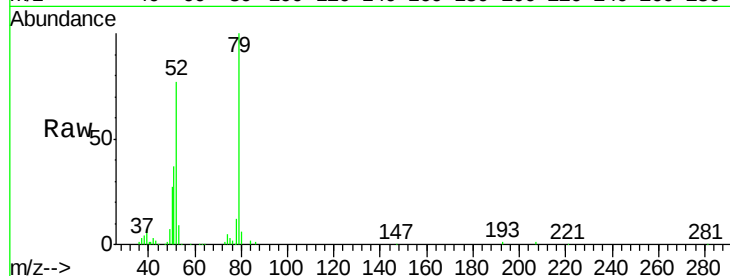
ClientSampleId :

PB85818BSD

Tgt Ion:	79	Resp:	266191
Ion Ratio	Lower	Upper	
79	100		
52	76.5	76.8	115.2#
51	36.5	32.2	48.4

Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM



#4

n-Nitrosodimethylamine

Concen: 32.04 ng

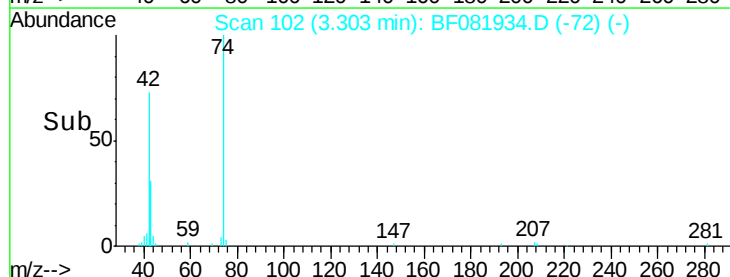
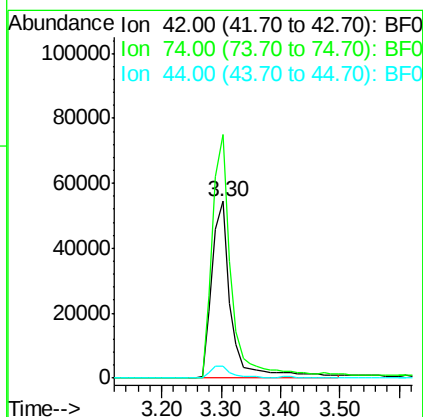
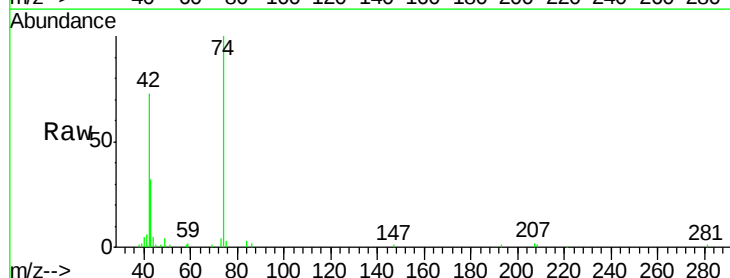
RT: 3.30 min Scan# 102

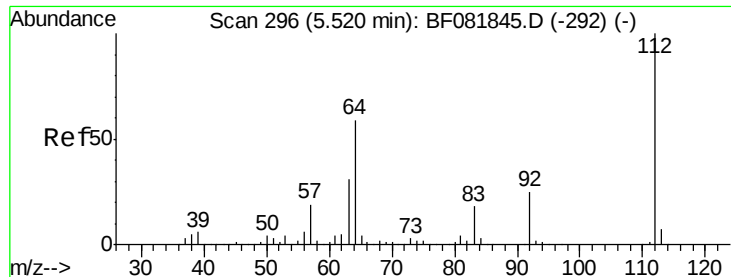
Delta R.T. 0.05 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion:	42	Resp:	123823
Ion Ratio	Lower	Upper	
42	100		
74	137.8	105.0	157.6
44	7.1	6.6	10.0





#5

2-Fluorophenol

Concen: 109.61 ng

RT: 5.51 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

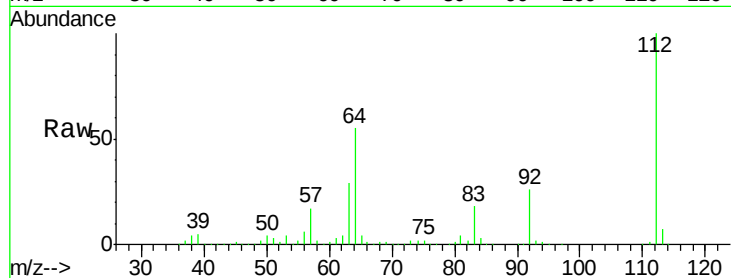
PB85818BSD

Manual Integrations
APPROVED

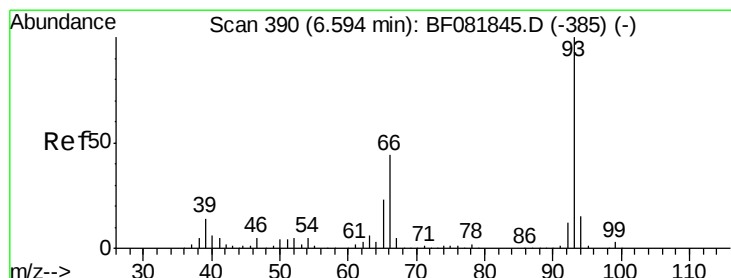
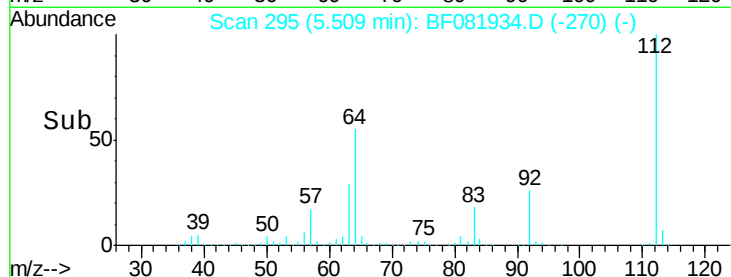
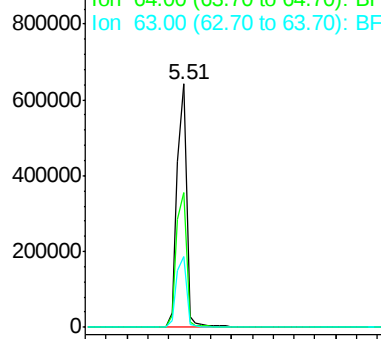
apatel

10/2/2015 9:01:11 AM

Tgt Ion:	112	Resp:	823754
Ion Ratio	Lower	Upper	
112	100		
64	55.3	39.7	59.5
63	28.8	17.4	26.0#



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 21.49 ng m

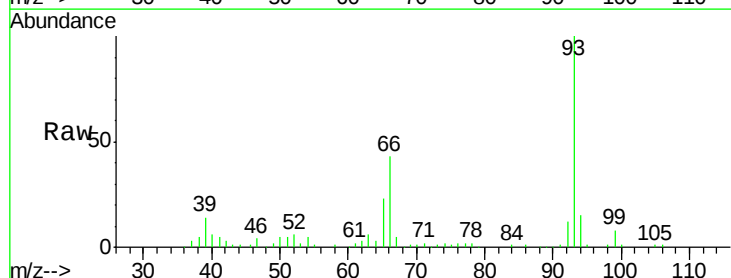
RT: 6.56 min Scan# 387

Delta R.T. -0.03 min

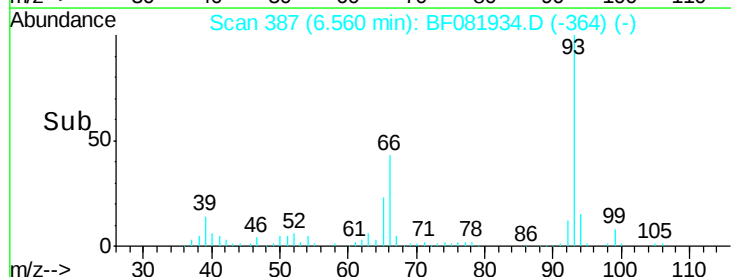
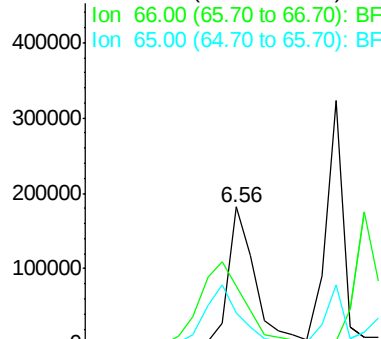
Lab File: BF081934.D

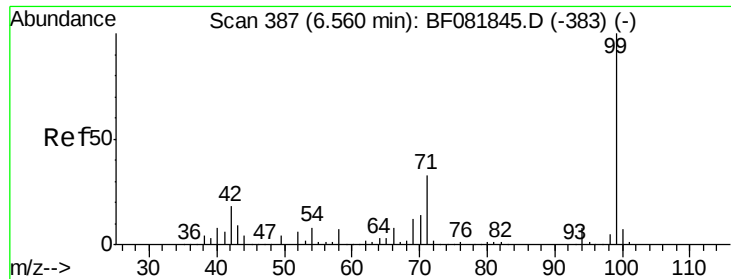
Acq: 1 Oct 2015 12:37

Tgt Ion:	93	Resp:	273053
Ion Ratio	Lower	Upper	
93	100		
66	42.6	27.2	40.8#
65	22.9	14.7	22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 109.92 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

PB85818BSD

Tgt Ion: 99 Resp: 1039456

Ion Ratio Lower Upper

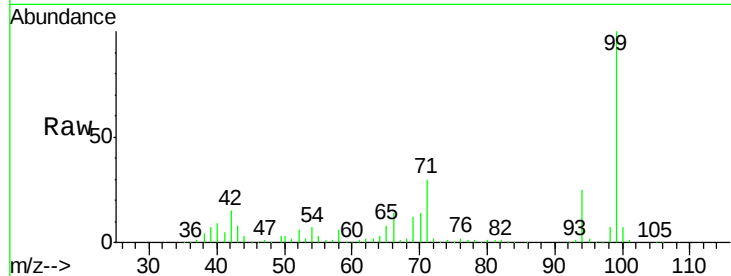
99 100

42 14.7 13.7 20.5

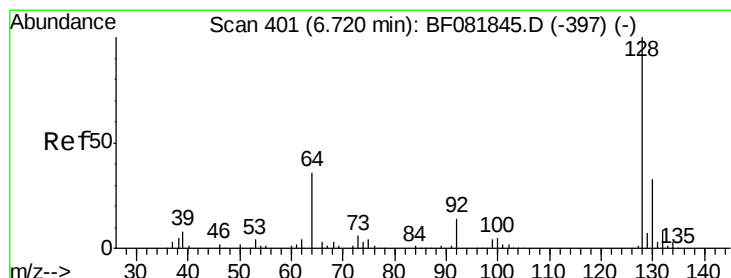
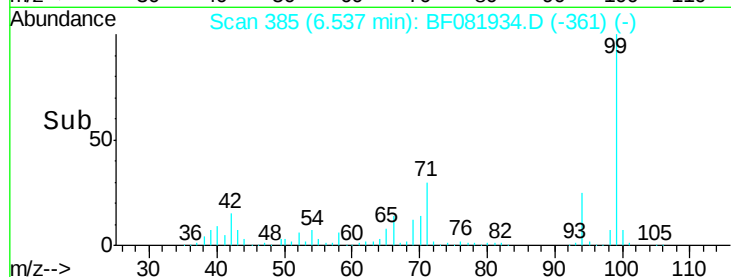
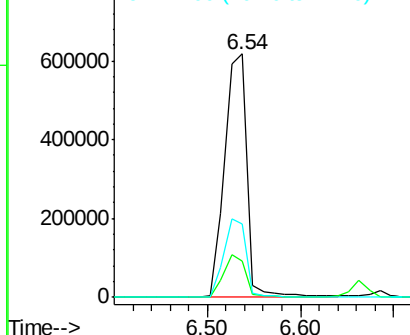
71 30.1 14.2 21.2#

Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM



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



#8

2-Chlorophenol

Concen: 38.26 ng

RT: 6.69 min Scan# 398

Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

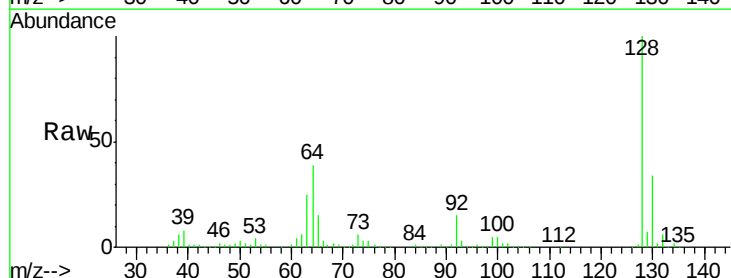
Tgt Ion: 128 Resp: 317548

Ion Ratio Lower Upper

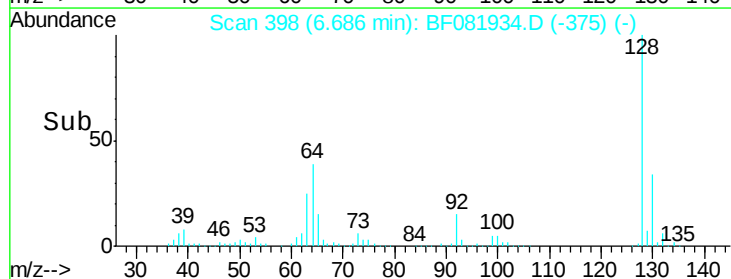
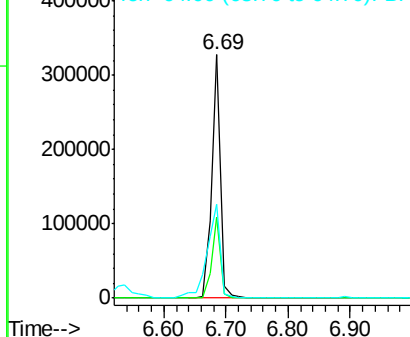
128 100

130 33.5 12.2 52.2

64 38.8 20.5 60.5



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





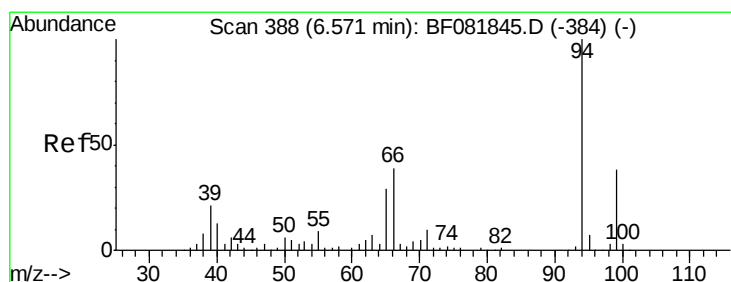
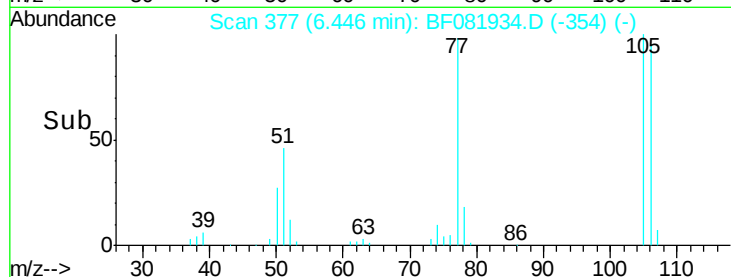
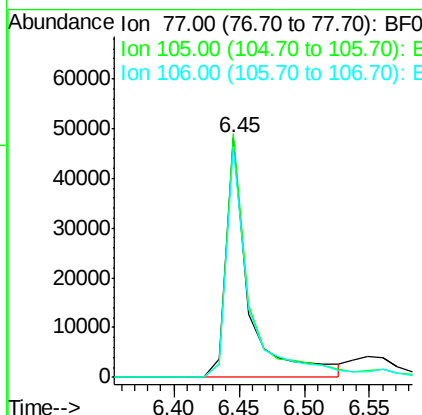
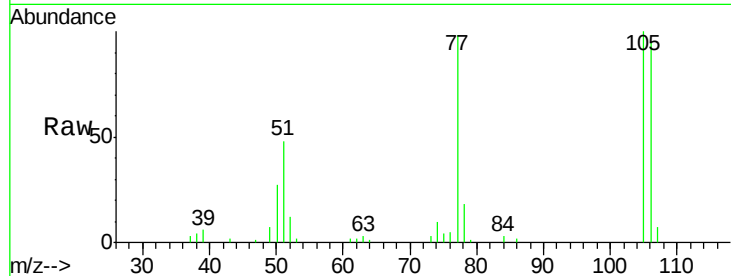
#9
Benzaldehyde
Concen: 9.48 ng
RT: 6.45 min Scan# 377
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Tgt Ion: 77 Resp: 58679
Ion Ratio Lower Upper
77 100
105 101.8 91.6 131.6
106 96.7 102.6 142.6#

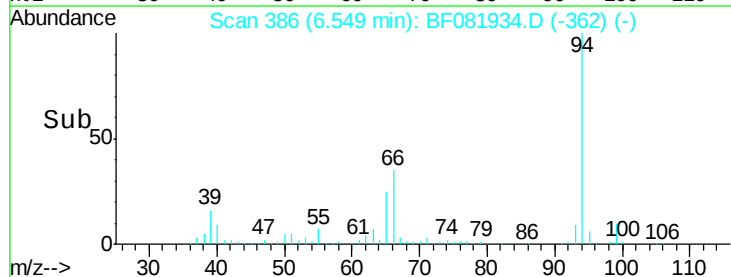
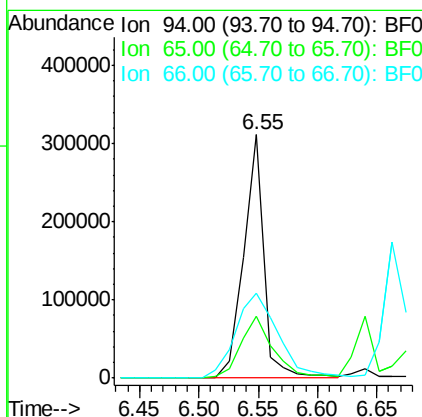
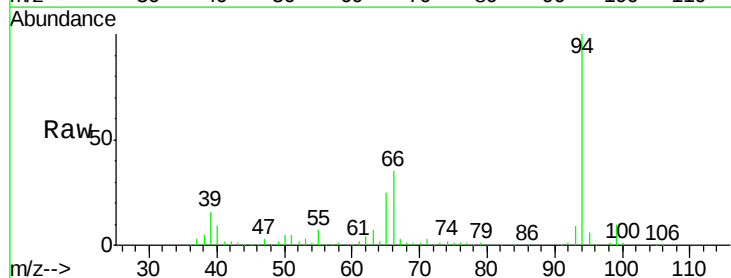
Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM



#10
Phenol
Concen: 35.33 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion: 94 Resp: 374789
Ion Ratio Lower Upper
94 100
65 25.5 0.7 40.7
66 35.0 0.8 40.8





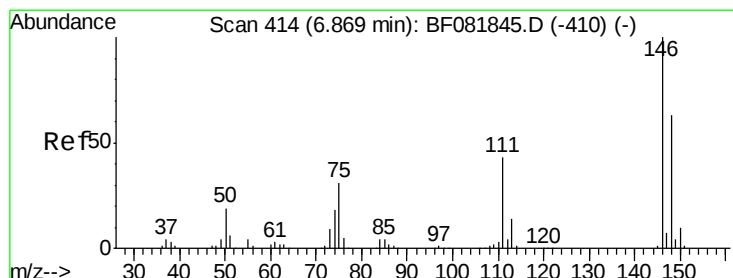
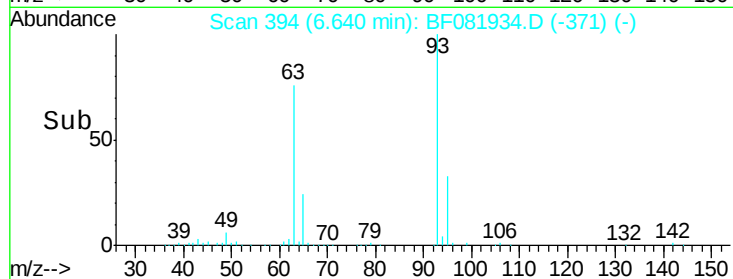
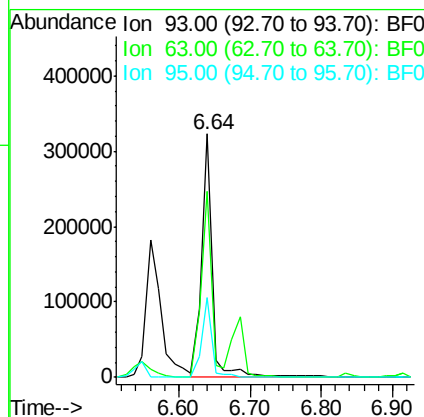
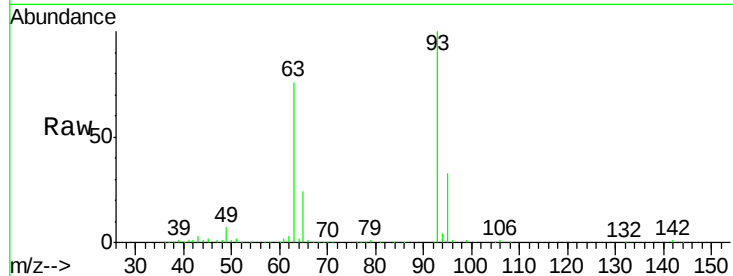
#11
bis(2-Chloroethyl)ether
Concen: 40.81 ng m
RT: 6.64 min Scan# 394
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	335705		
63	76.2	65.6	105.6	
95	33.0	13.6	53.6	

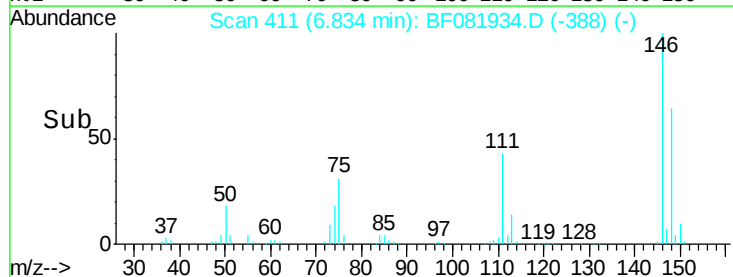
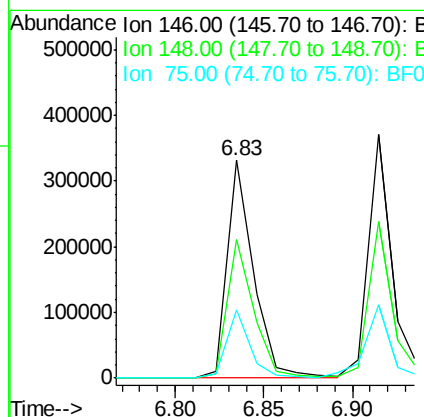
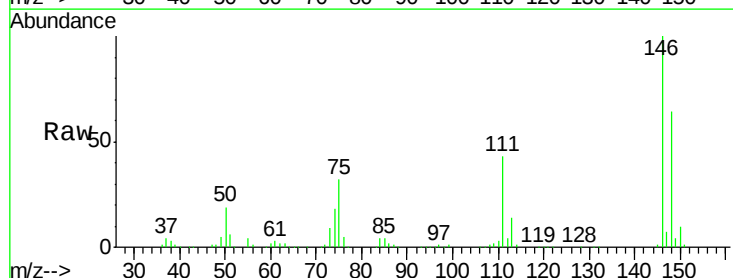
Manual Integrations
APPROVED

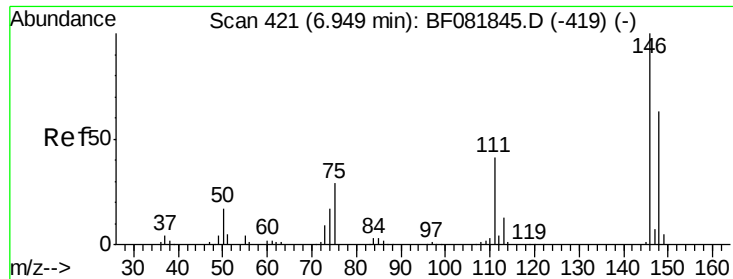
apatel
10/2/2015 9:01:11 AM



#12
1,3-Dichlorobenzene
Concen: 34.98 ng m
RT: 6.83 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	342913		
148	63.6	51.0	76.4	
75	31.6	15.0	22.6	





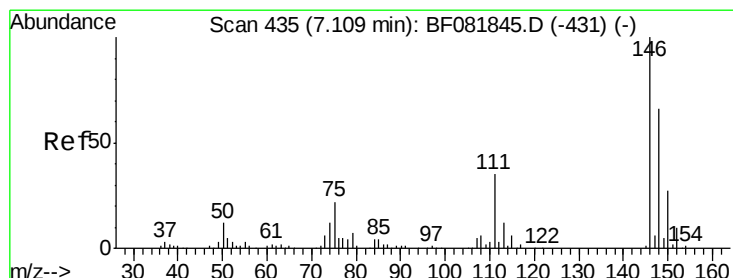
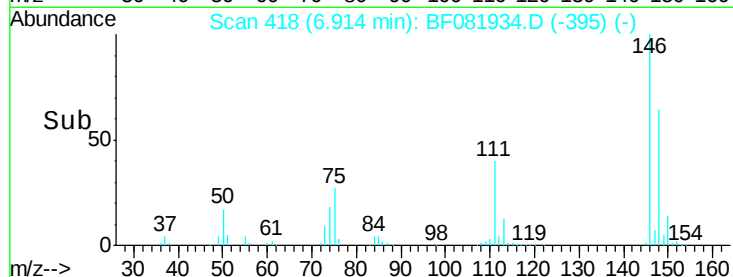
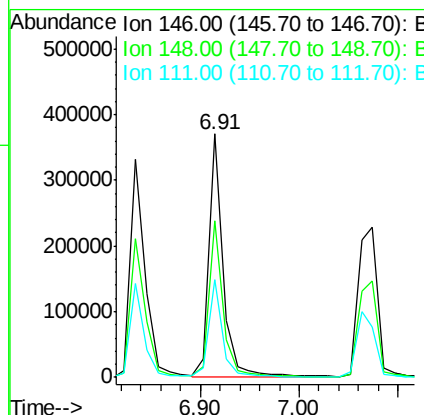
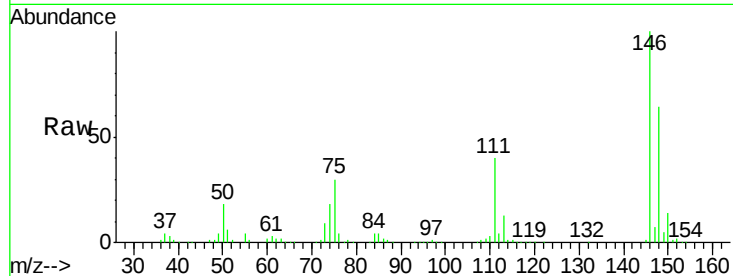
#13
1,4-Dichlorobenzene
Concen: 35.94 ng m
RT: 6.91 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	367890		
148	64.3	51.8	77.6	
111	40.3	24.9	37.3#	

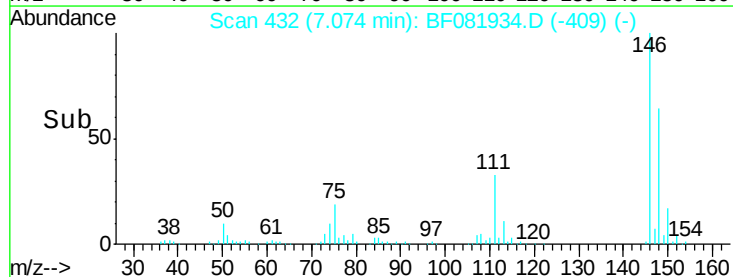
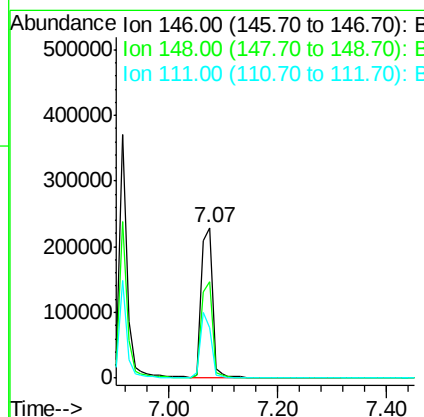
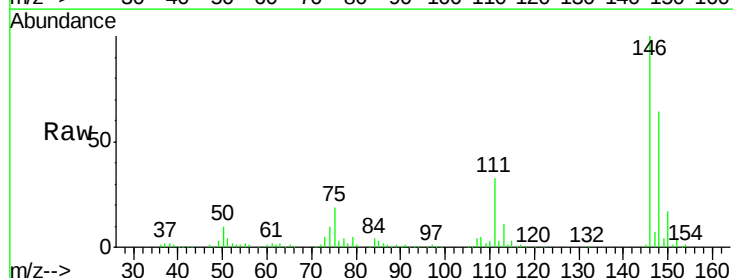
Manual Integrations
APPROVED

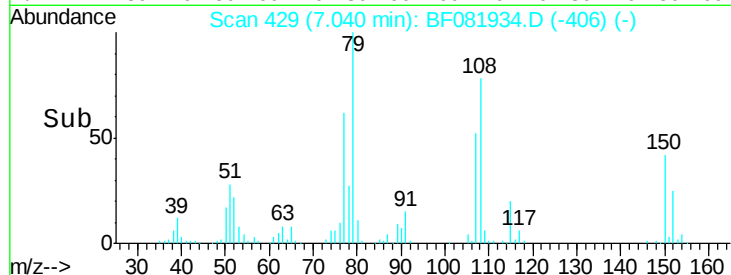
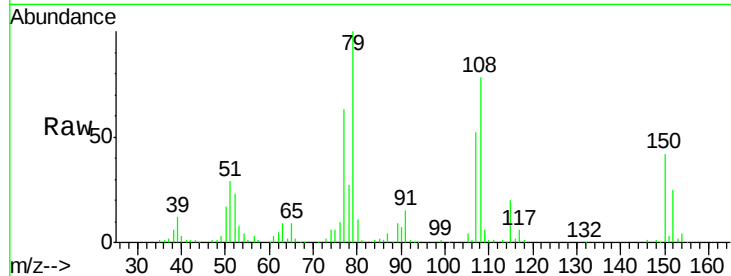
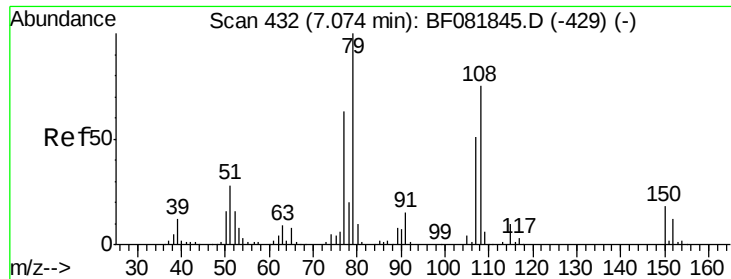
apatel
10/2/2015 9:01:11 AM



#14
1,2-Dichlorobenzene
Concen: 36.03 ng
RT: 7.07 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	328600		
148	64.2	52.7	79.1	
111	33.4	28.8	43.2	





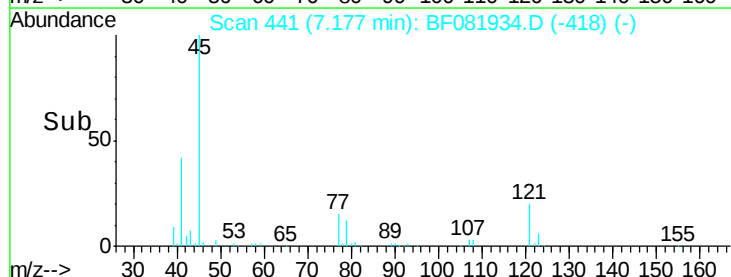
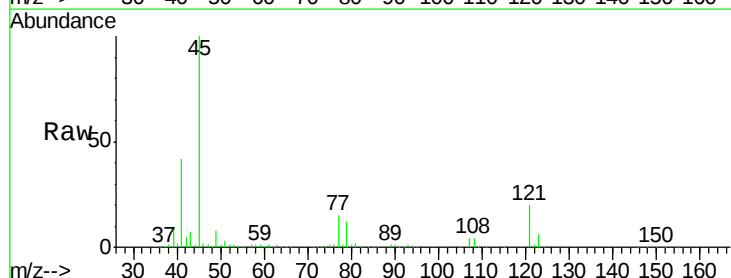
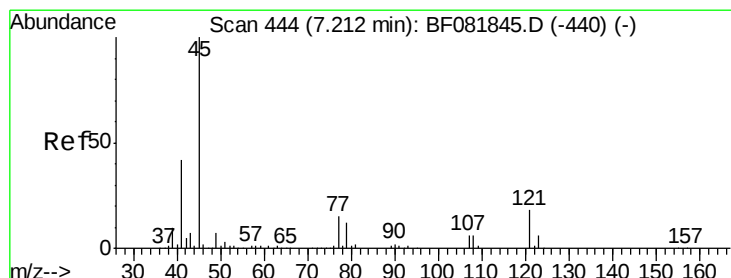
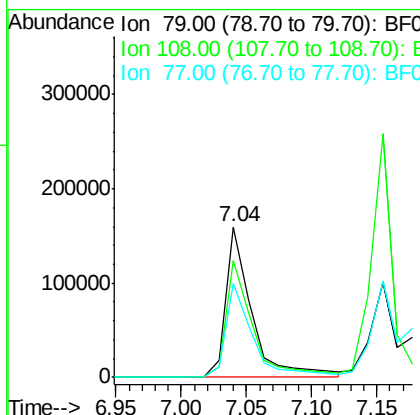
#15
Benzyl Alcohol
Concen: 32.60 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion: 79 Resp: 222519
Ion Ratio Lower Upper
79 100
108 77.6 88.6 132.8#
77 62.7 47.0 70.4

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

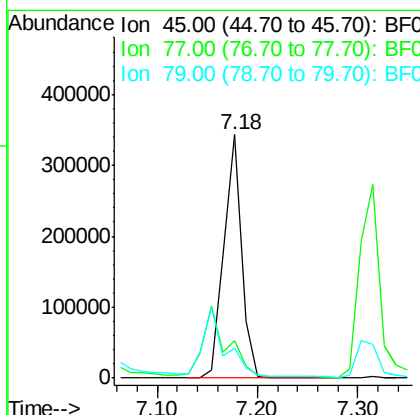
Manual Integrations
APPROVED

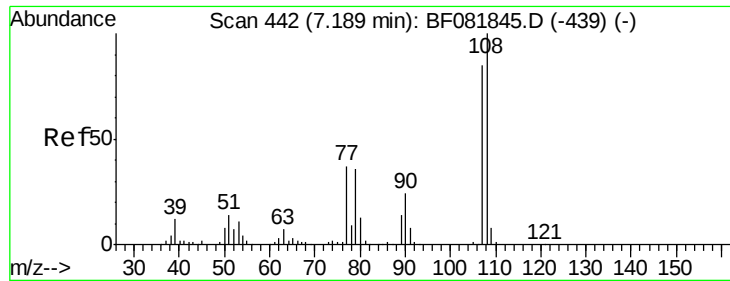
apatel
10/2/2015 9:01:11 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.29 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion: 45 Resp: 421987
Ion Ratio Lower Upper
45 100
77 15.3 0.0 28.1
79 12.4 0.0 26.0





#17

2-Methylphenol

Concen: 37.78 ng

RT: 7.15 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF081934.D

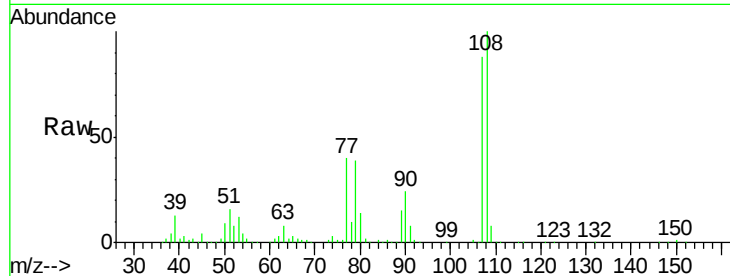
Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

PB85818BSD



Tgt Ion:107 Resp: 254228

Ion Ratio Lower Upper

107 100

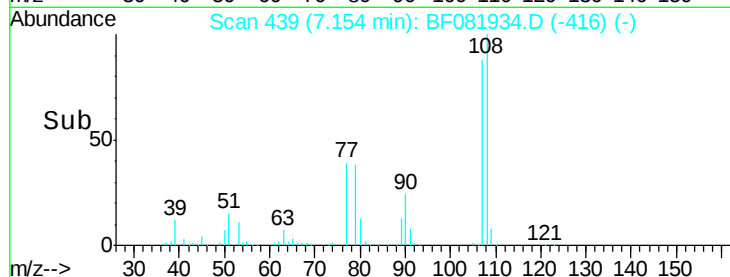
108 113.8 96.6 145.0

77 45.2 23.3 34.9#

79 44.3 22.0 33.0#

Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM



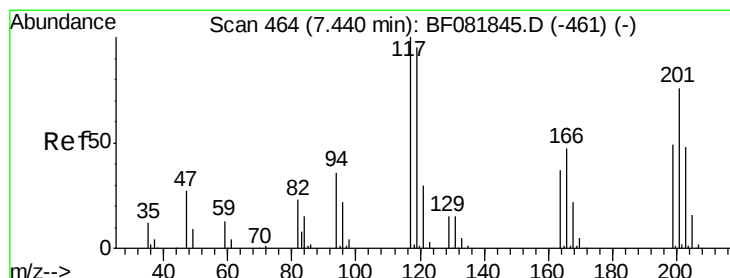
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 37.54 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

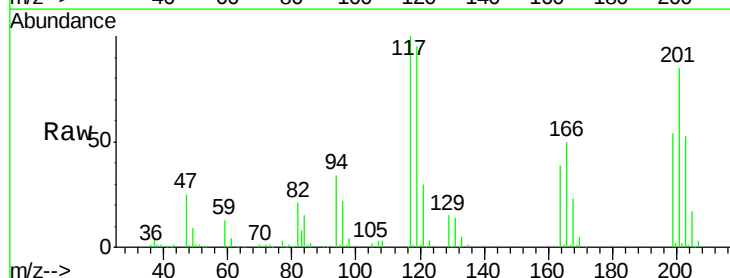
Tgt Ion:117 Resp: 120282

Ion Ratio Lower Upper

117 100

119 95.2 83.8 125.6

201 84.9 55.1 82.7#

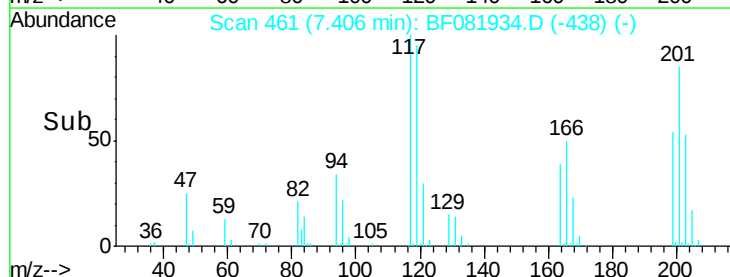


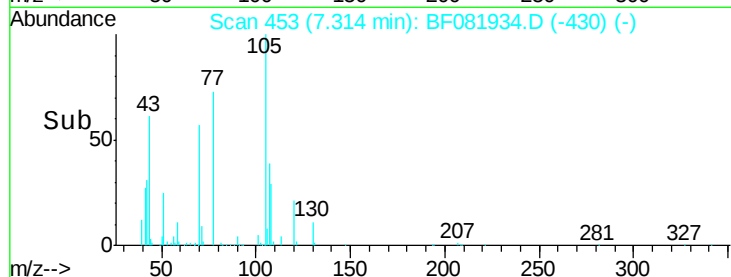
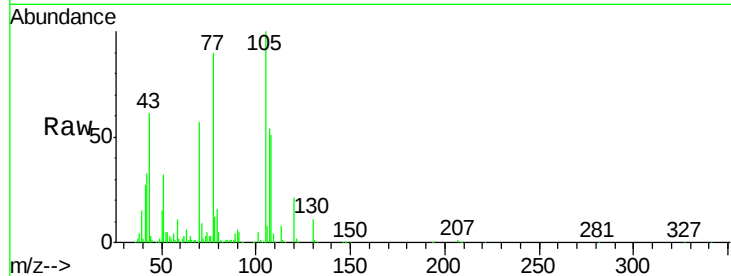
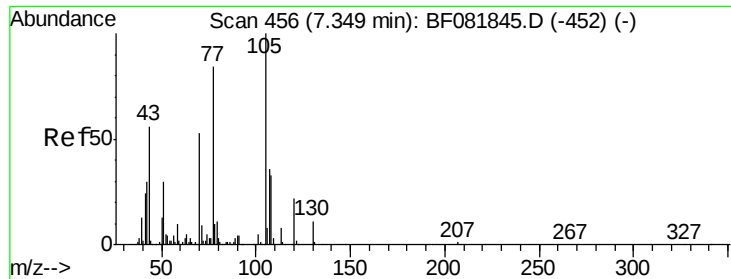
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





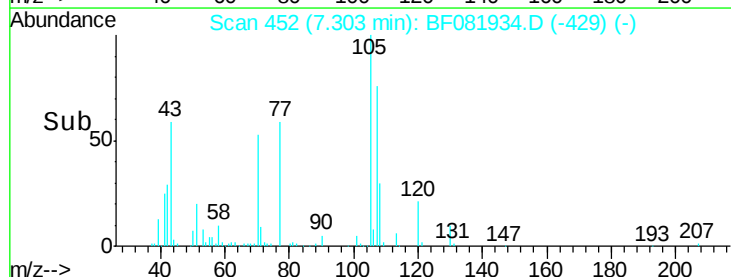
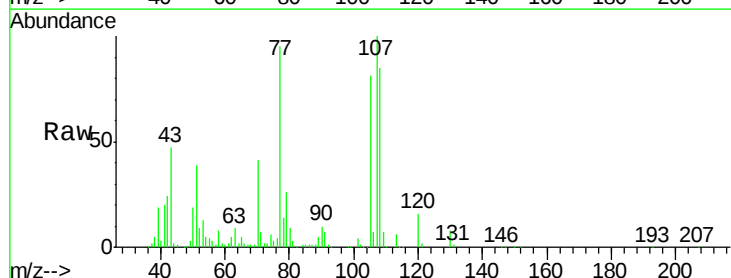
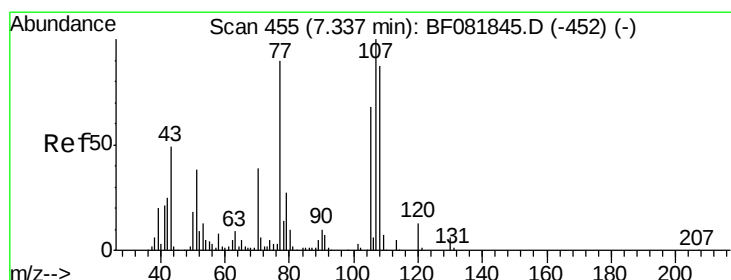
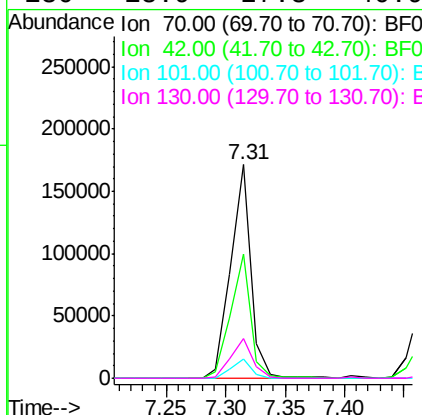
#19
n-Nitroso-di-n-propylamine
Concen: 35.40 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Manual Integrations
APPROVED

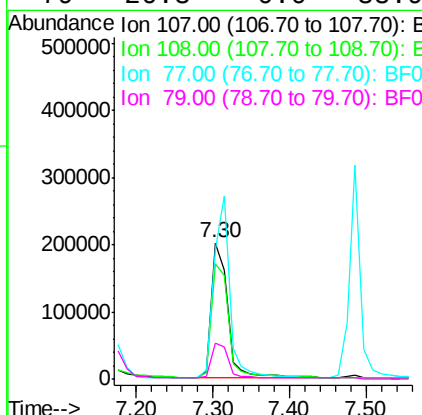
apatel
10/2/2015 9:01:11 AM

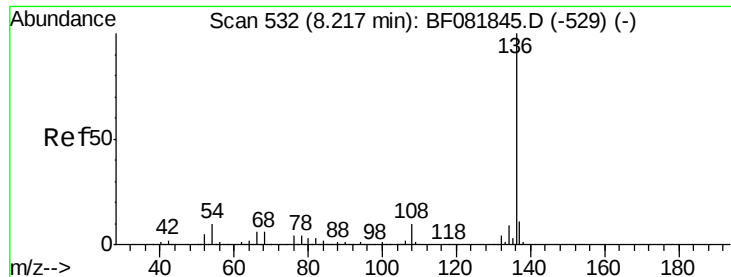
Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.4	63.8	95.6#
101	9.3	9.2	13.8
130	18.9	27.3	40.9#



#20
3+4-Methylphenols
Concen: 34.47 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	74.6	114.6
77	95.5	0.7	40.7#
79	26.3	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

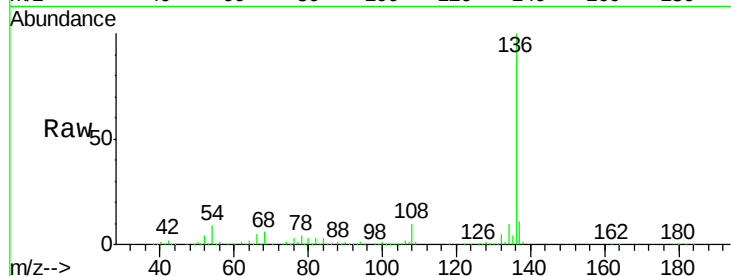
ClientSampleId :

PB85818BSD

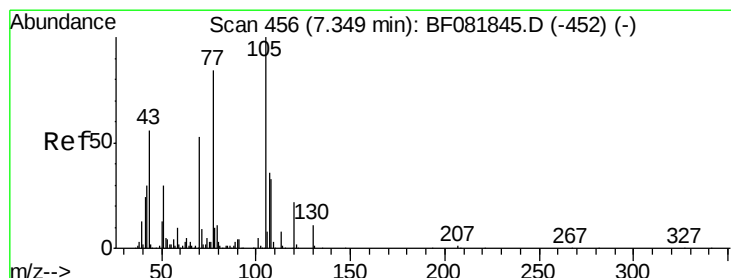
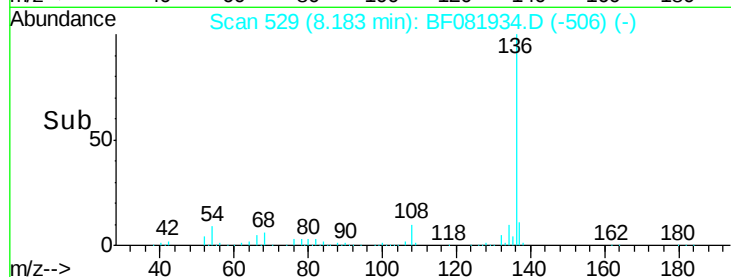
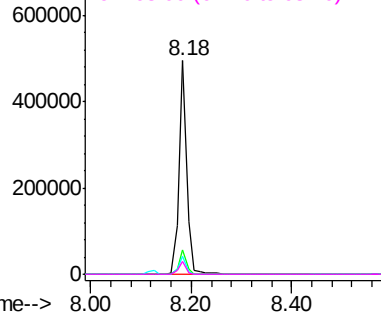
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	523028		
137	11.2	9.0	13.6	
54	8.5	8.2	12.2	
68	6.0	5.8	8.6	

Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.53 ng

RT: 7.31 min Scan# 453

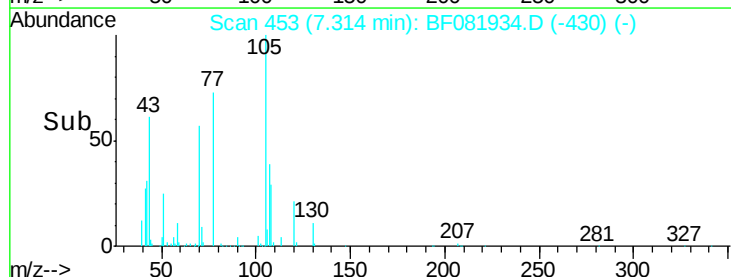
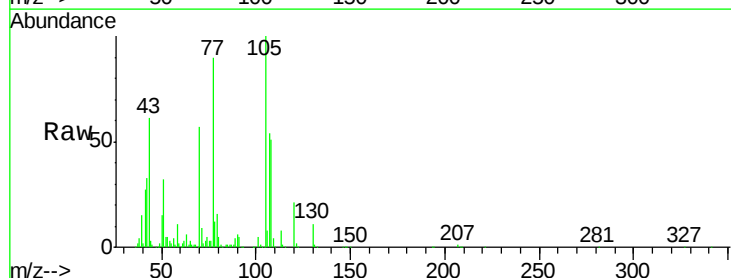
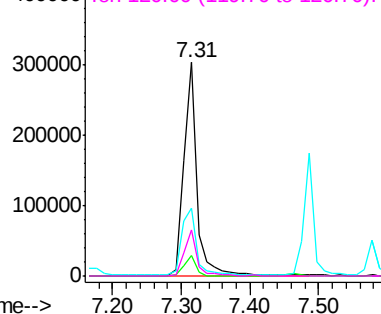
Delta R.T. -0.03 min

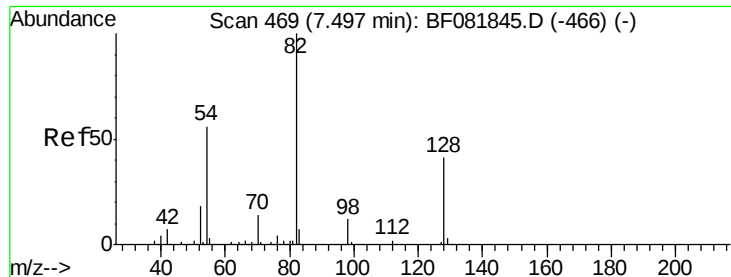
Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	412085		
71	9.5	4.7	7.1#	
51	31.7	22.0	33.0	
120	21.4	30.1	45.1#	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





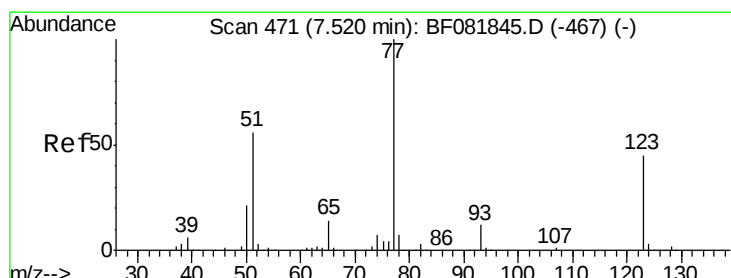
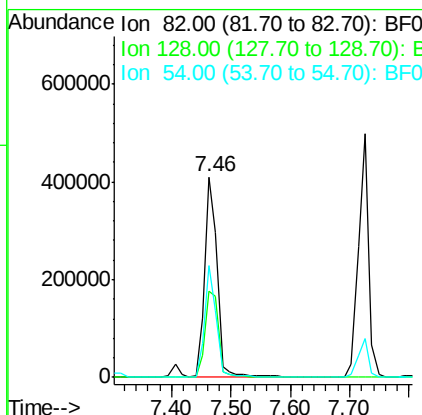
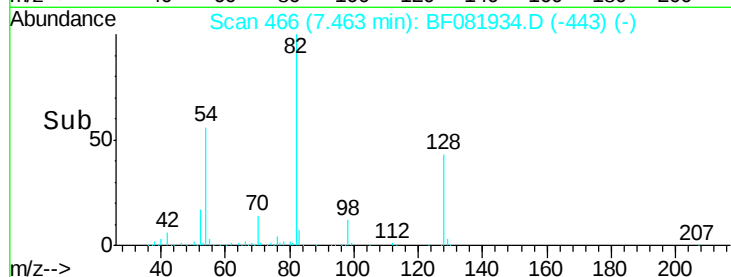
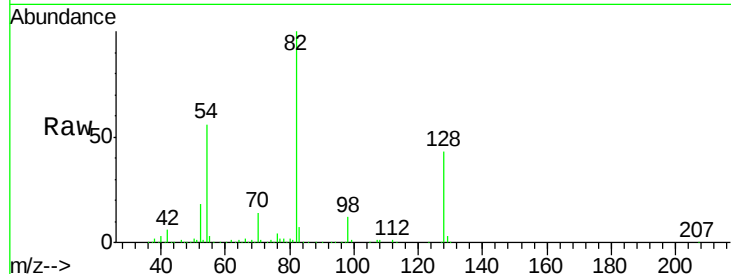
#23
 Nitrobenzene-d5
 Concen: 79.13 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	51.0	76.6#
54	55.6	47.5	71.3

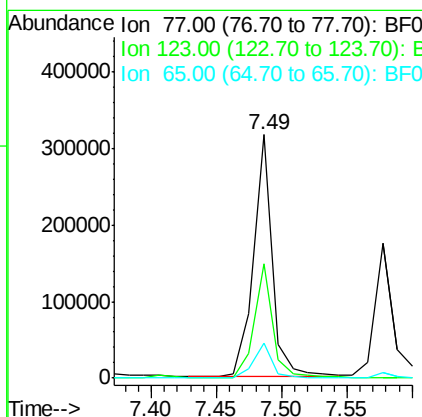
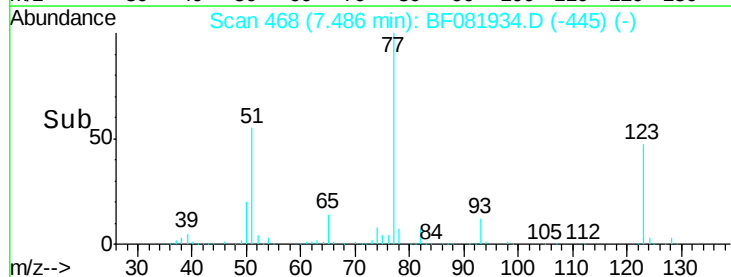
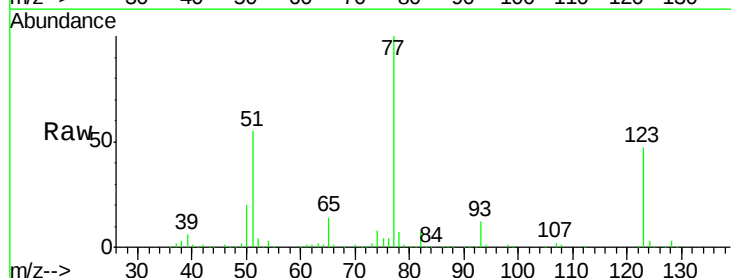
Manual Integrations
 APPROVED

apatel
 10/2/2015 9:01:11 AM



#24
 Nitrobenzene
 Concen: 37.49 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	59.8	89.8#
65	14.1	10.2	15.4





#25

Isophorone

Concen: 37.98 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

PB85818BSD

Tgt Ion: 82 Resp: 590713
Ion Ratio Lower Upper

82 100

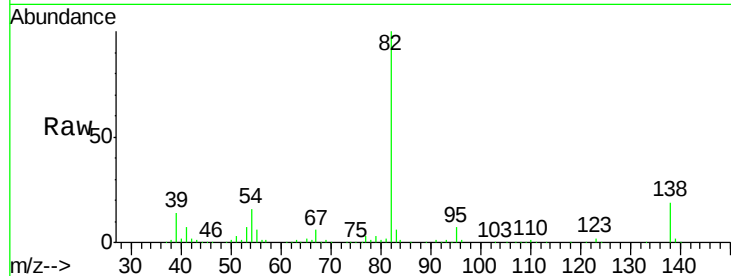
95 7.2 4.0 6.0#

138 19.5 18.3 27.5

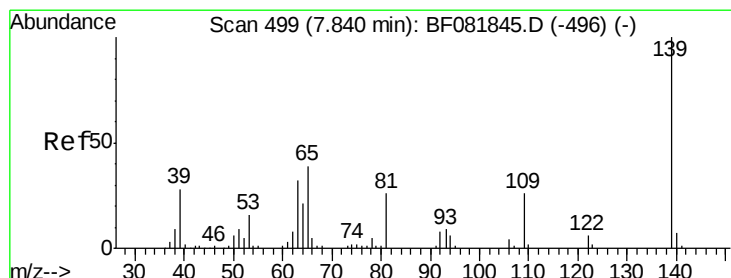
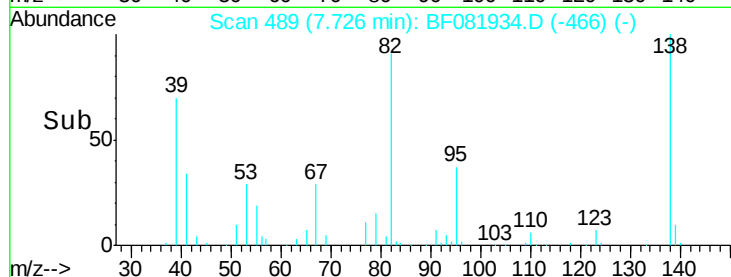
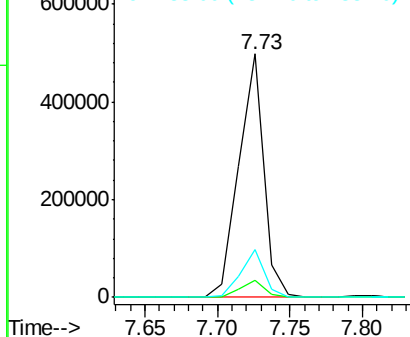
Manual Integrations
APPROVED

apatel

10/2/2015 9:01:11 AM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 43.04 ng

RT: 7.81 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF081934.D

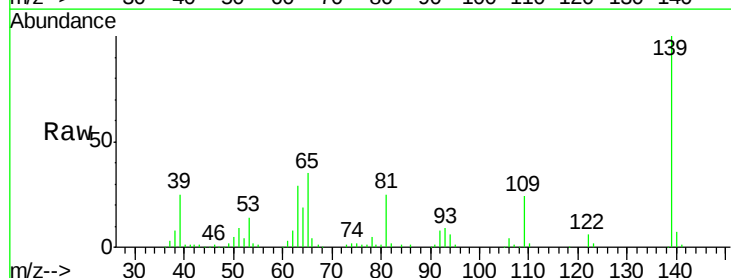
Acq: 1 Oct 2015 12:37

Tgt Ion: 139 Resp: 176038
Ion Ratio Lower Upper

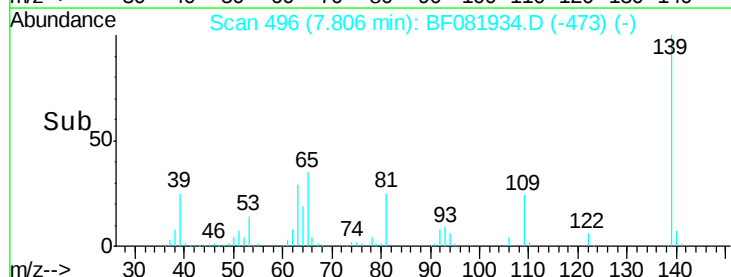
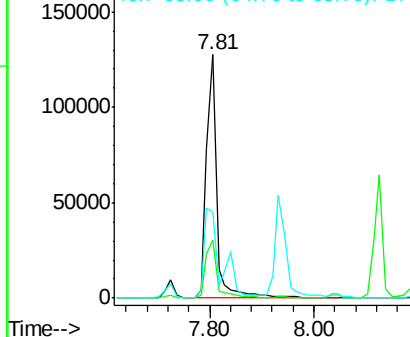
139 100

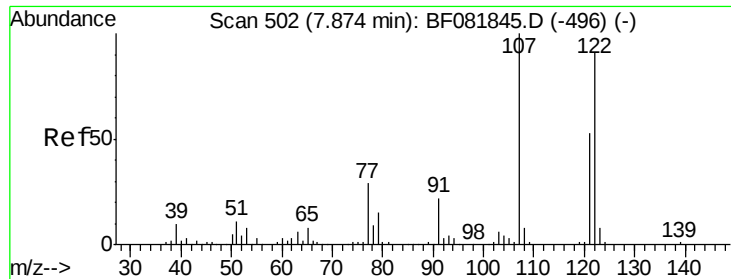
109 24.0 11.0 16.4#

65 35.5 24.7 37.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.96 ng

RT: 7.84 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

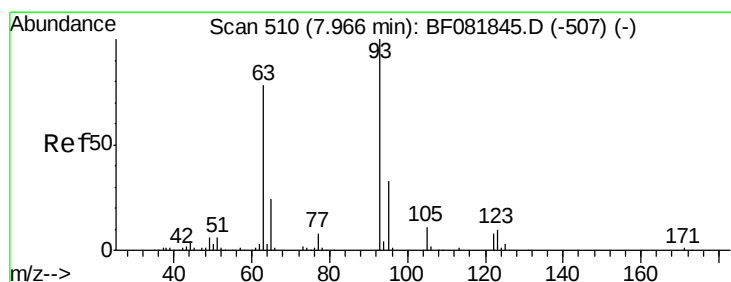
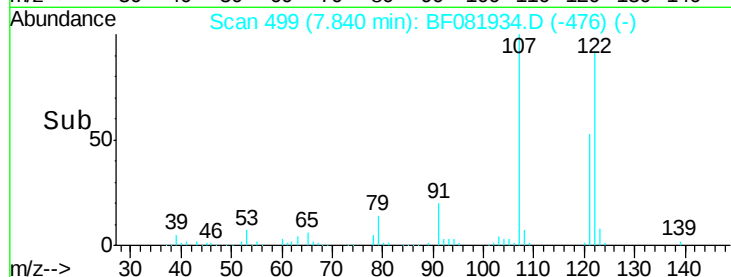
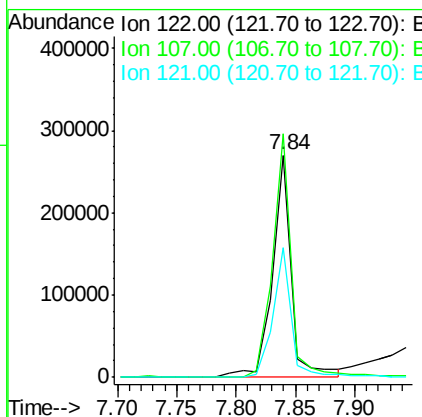
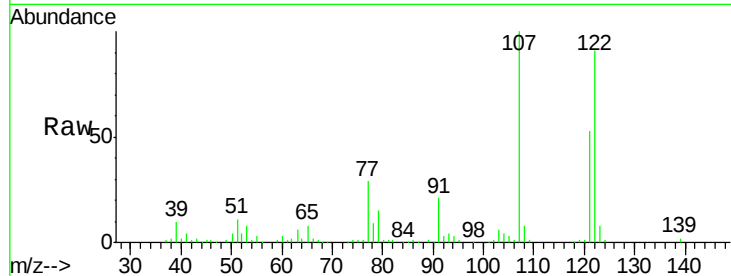
ClientSampleId :

PB85818BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	301901		
107	109.7	71.8	107.6#	
121	58.3	42.3	63.5	

Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM



#28

bis(2-Chloroethoxy)methane

Concen: 37.81 ng

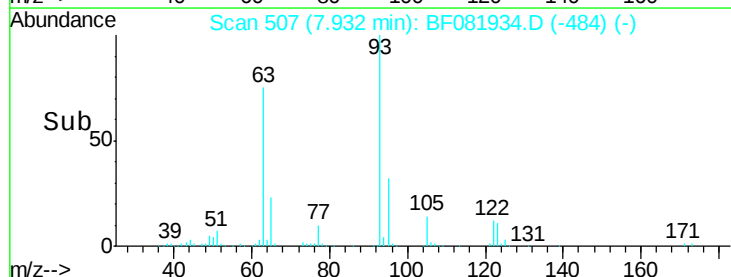
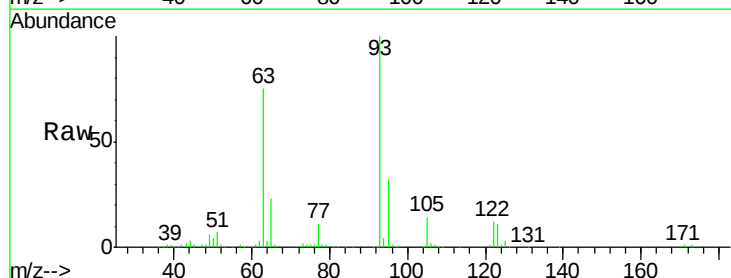
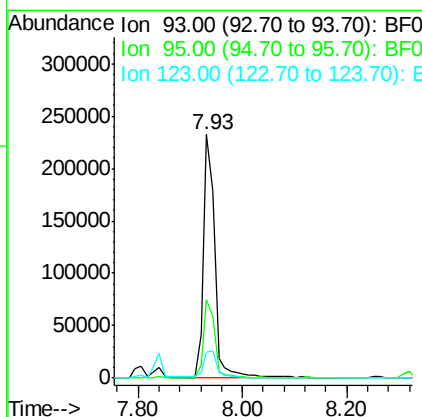
RT: 7.93 min Scan# 507

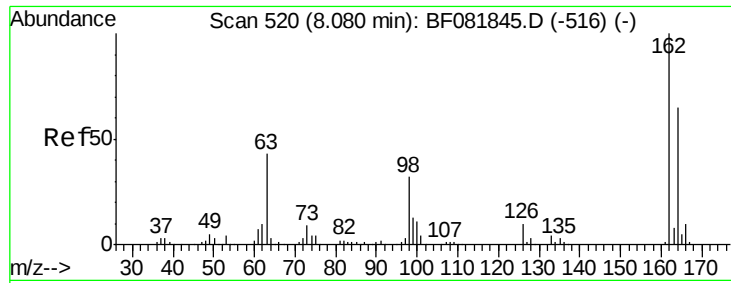
Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	349192		
95	32.2	27.5	41.3	
123	10.7	13.7	20.5#	





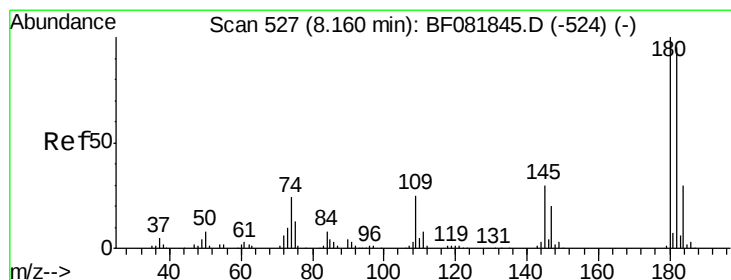
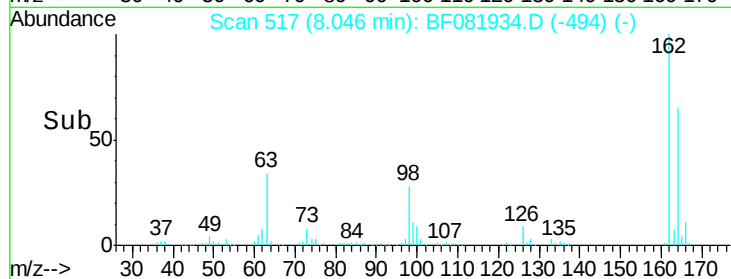
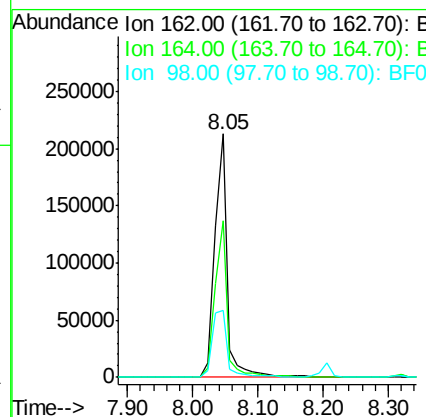
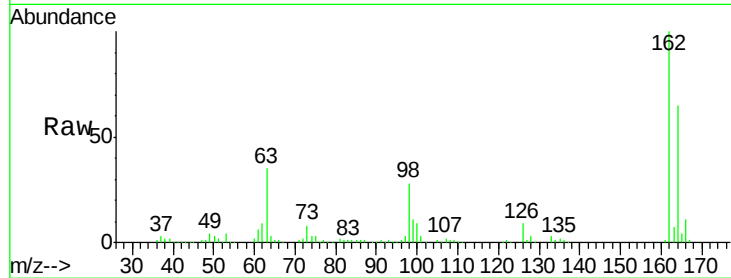
#29
 2,4-Dichlorophenol
 Concen: 41.30 ng
 RT: 8.05 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

Tgt Ion:	162	Resp:	288135
Ion Ratio		Lower	Upper
162	100		
164	64.5	44.9	84.9
98	27.7	13.0	53.0

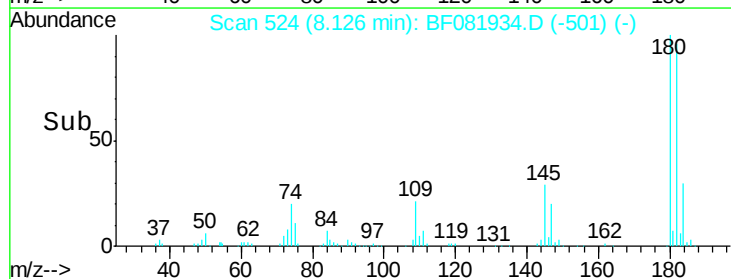
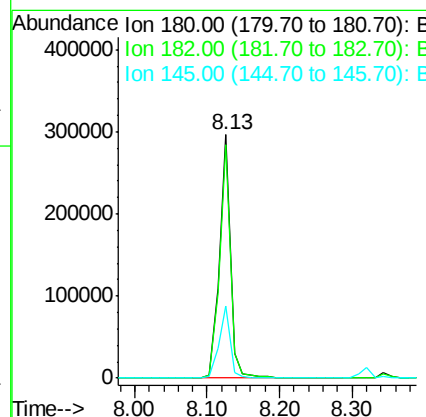
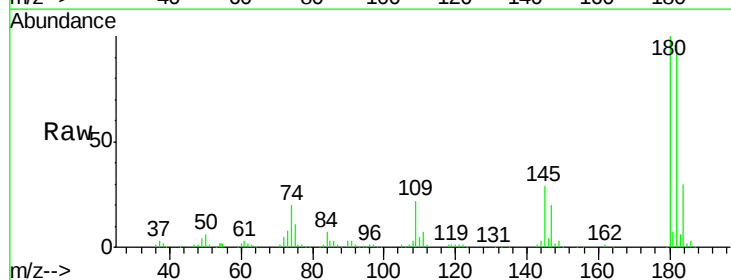
Manual Integrations
 APPROVED

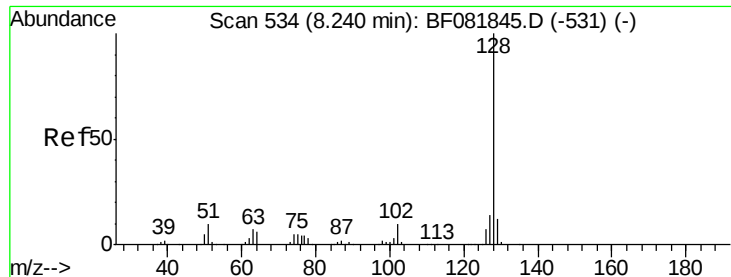
apatel
 10/2/2015 9:01:11 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.24 ng
 RT: 8.13 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion:	180	Resp:	313373
Ion Ratio		Lower	Upper
180	100		
182	95.9	77.1	115.7
145	29.4	23.3	34.9





#31

Naphthalene

Concen: 38.90 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

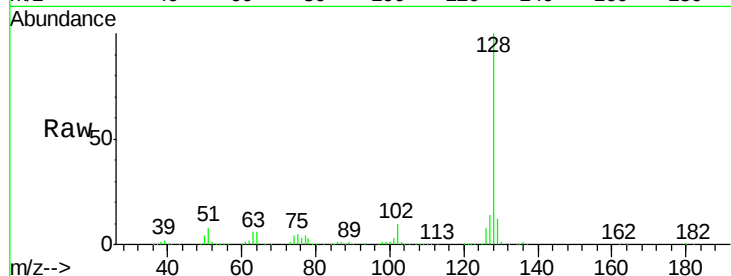
ClientSampleId :

PB85818BSD

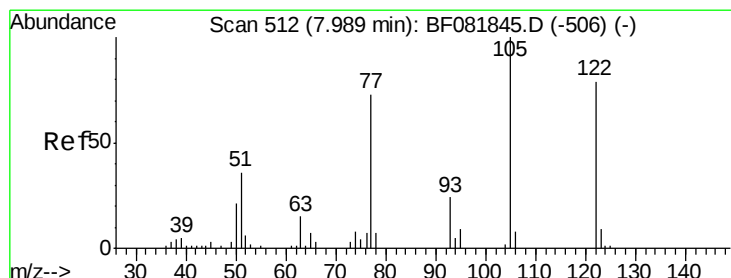
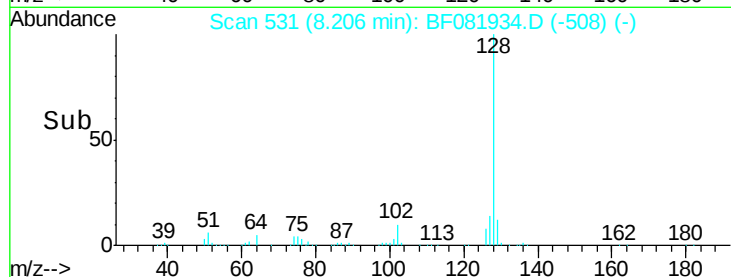
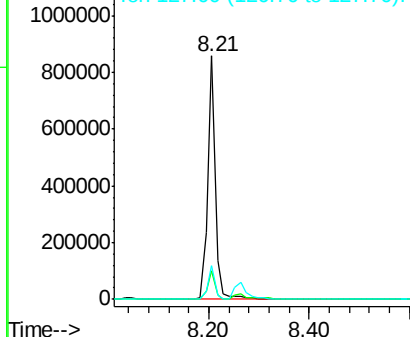
Tgt Ion:	128	Resp:	901469
Ion Ratio		Lower	Upper
128	100		
129	11.6	8.4	12.6
127	13.7	9.9	14.9

Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM



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



#32

Benzoic acid

Concen: 37.84 ng

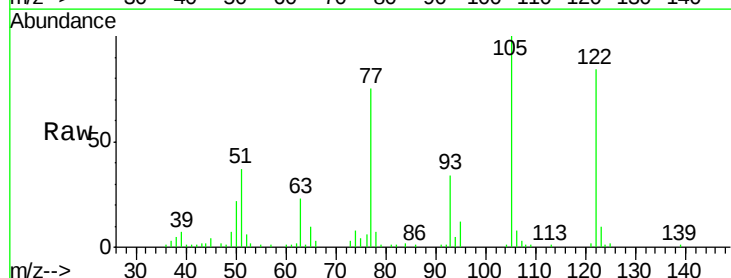
RT: 7.95 min Scan# 509

Delta R.T. -0.03 min

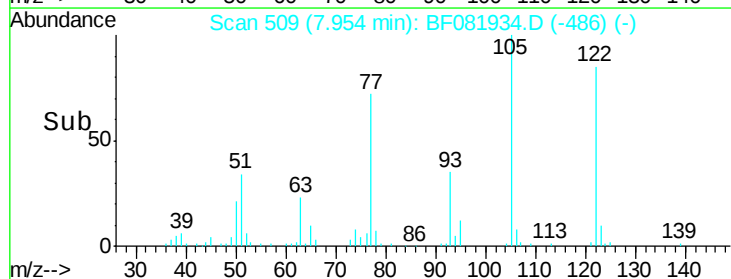
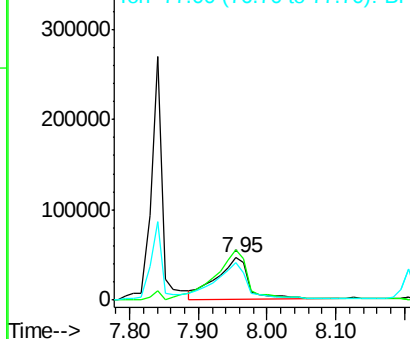
Lab File: BF081934.D

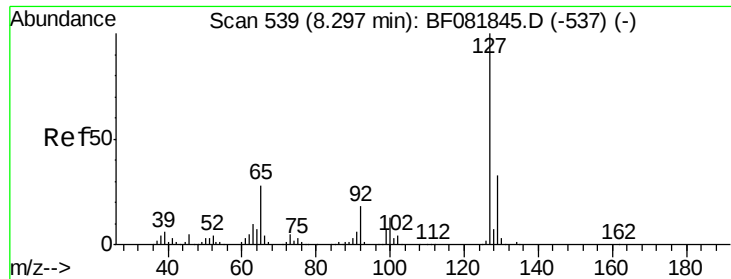
Acq: 1 Oct 2015 12:37

Tgt Ion:	122	Resp:	154949
Ion Ratio		Lower	Upper
122	100		
105	118.6	76.1	116.1#
77	88.8	40.5	80.5#



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





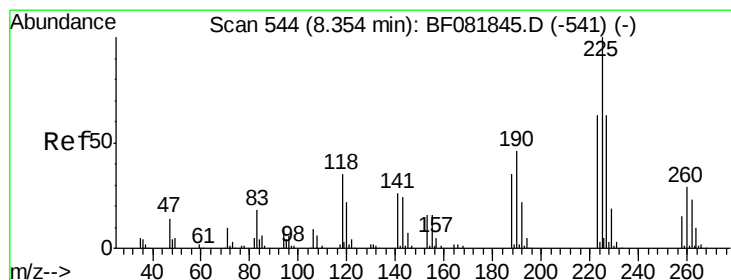
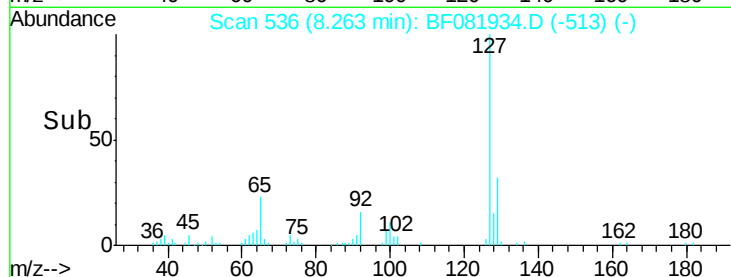
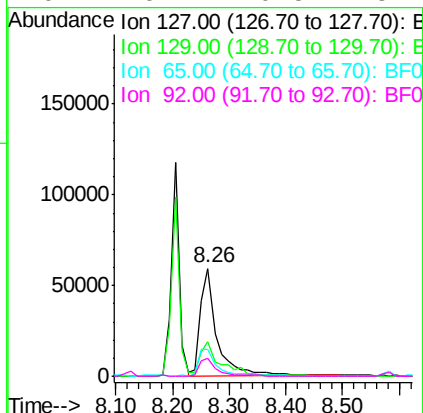
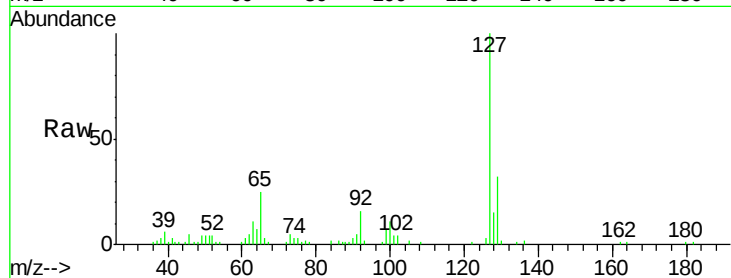
#33
4-Chloroaniline
Concen: 11.68 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	117051		
129	32.4	25.8	38.6	
65	25.3	17.9	26.9	
92	16.2	10.5	15.7	

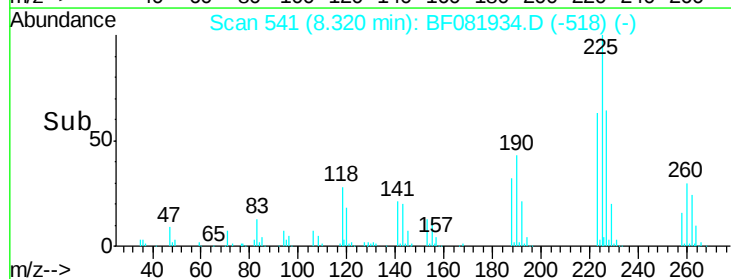
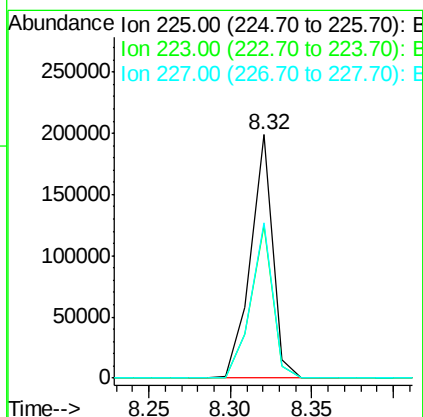
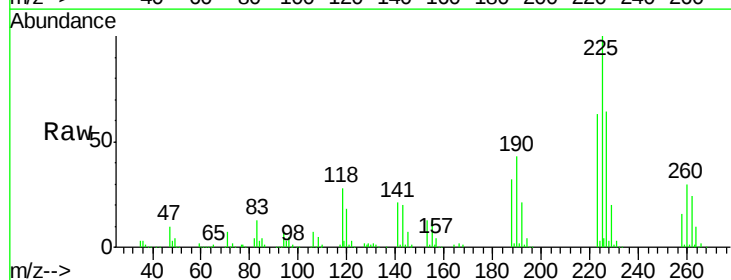
Manual Integrations
APPROVED

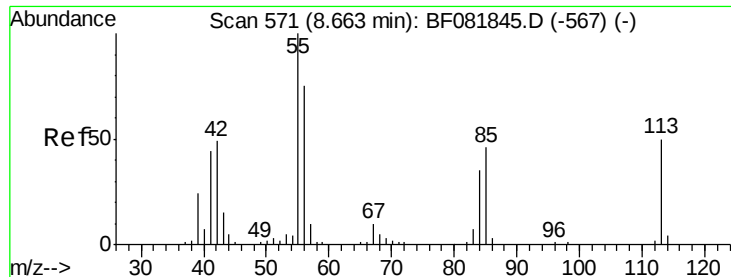
apatel
10/2/2015 9:01:11 AM



#34
Hexachlorobutadiene
Concen: 40.74 ng
RT: 8.32 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	187652		
223	62.7	50.2	75.2	
227	63.8	52.2	78.2	





#35

Caprolactam

Concen: 42.59 ng m

RT: 8.63 min Scan# 568

Delta R.T. -0.03 min

Lab File: BF081934.D

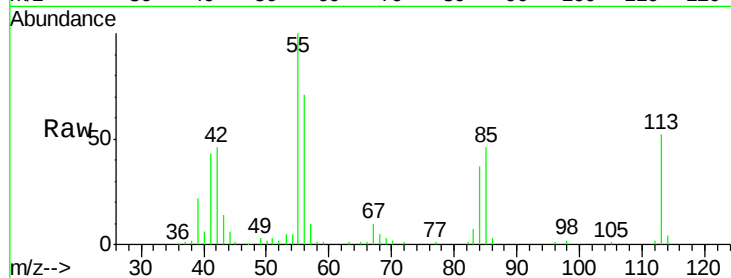
Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

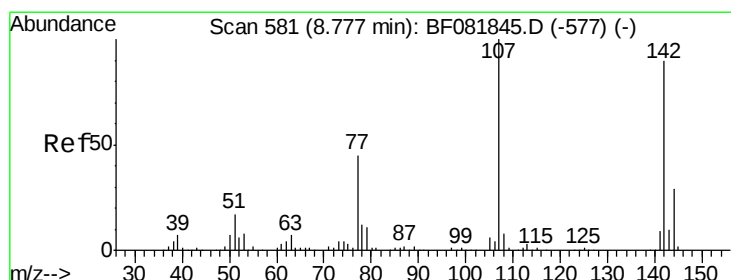
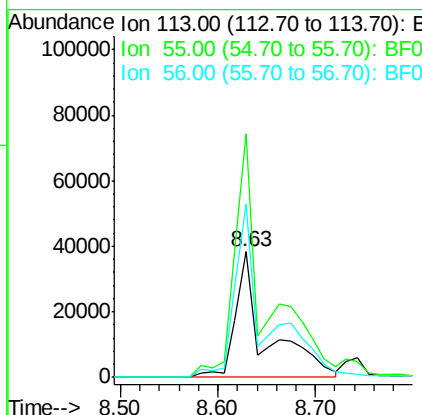
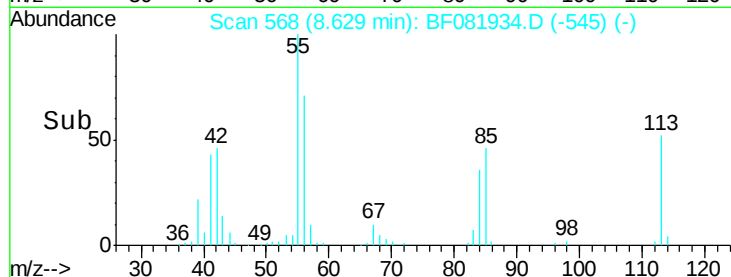
PB85818BSD



Tgt Ion	Ratio	Lower	Upper
113	100		
55	193.9	152.4	192.4#
56	138.1	104.6	144.6

Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM



#36

4-Chloro-3-methylphenol

Concen: 42.38 ng

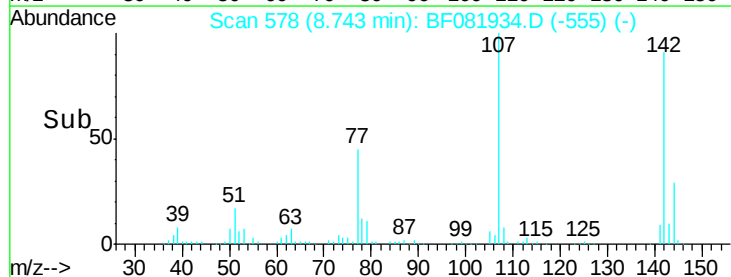
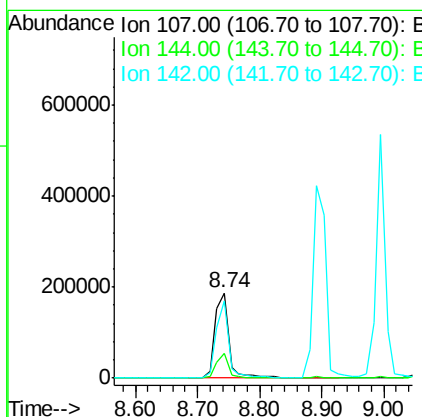
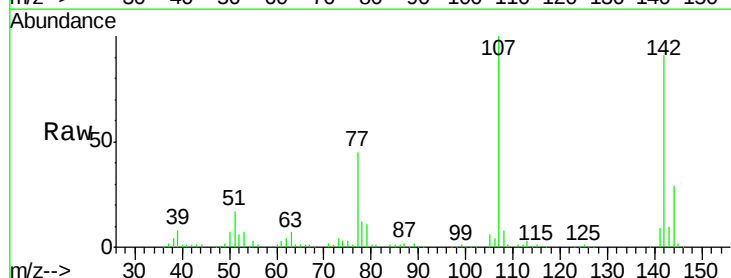
RT: 8.74 min Scan# 578

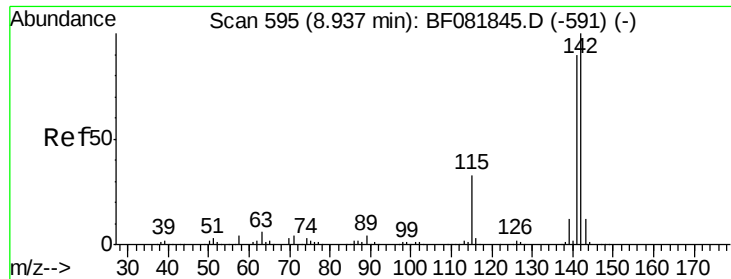
Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.1	25.4	38.0
142	91.0	77.3	115.9





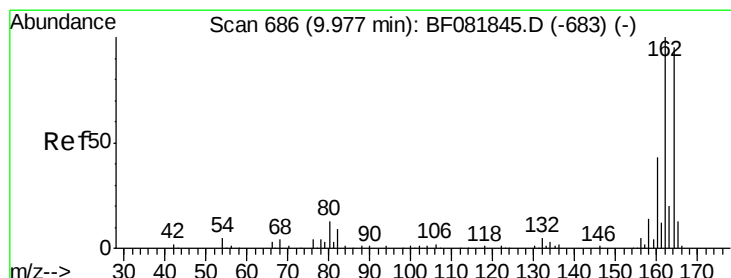
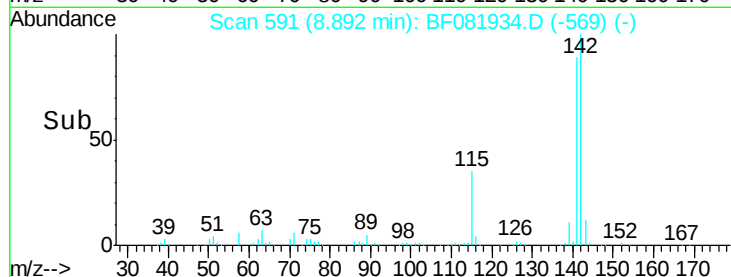
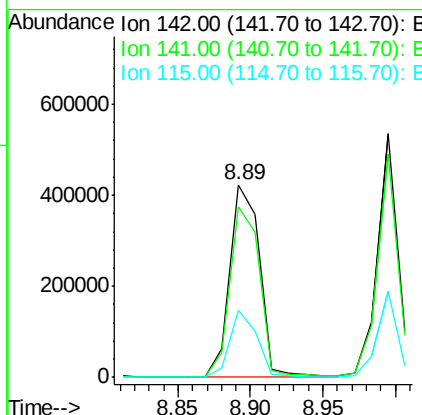
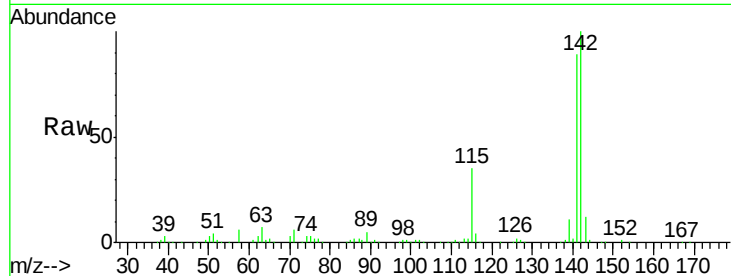
#37
2-Methylnaphthalene
Concen: 38.28 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.5	101.3
115	34.9	18.2	27.2

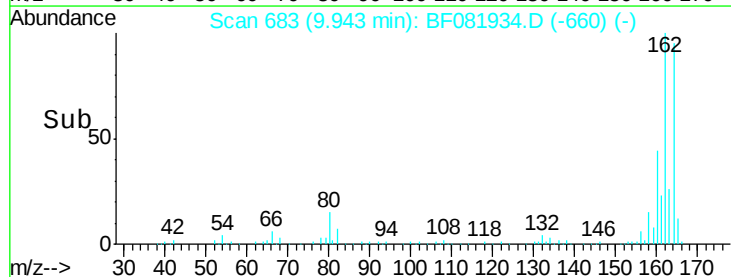
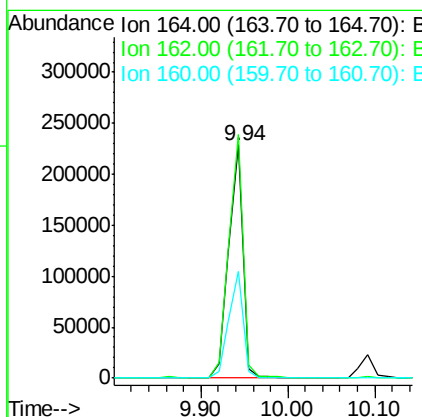
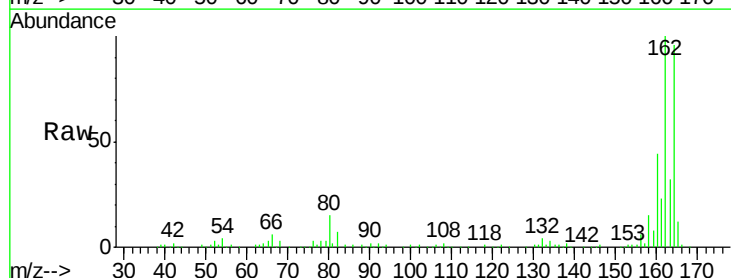
Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	75.2	112.8
160	45.8	31.5	47.3





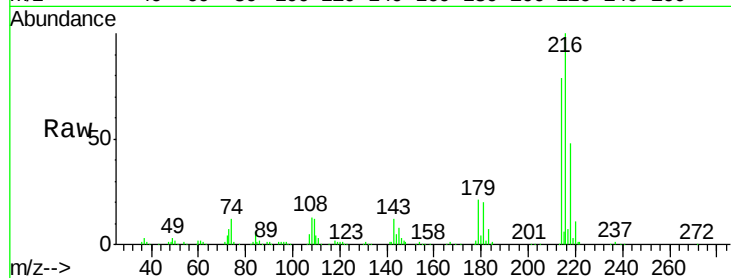
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.71 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

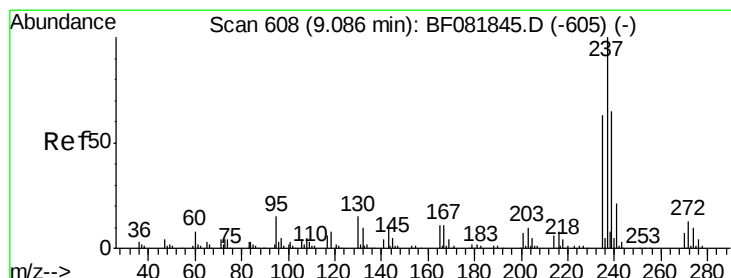
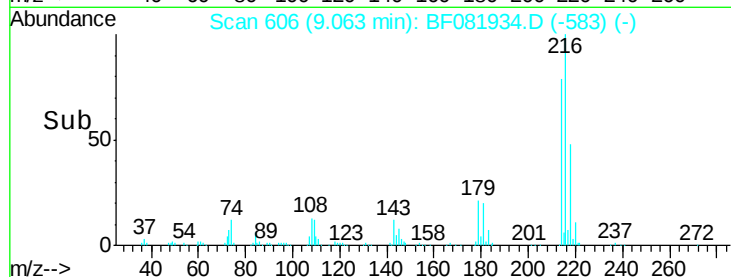
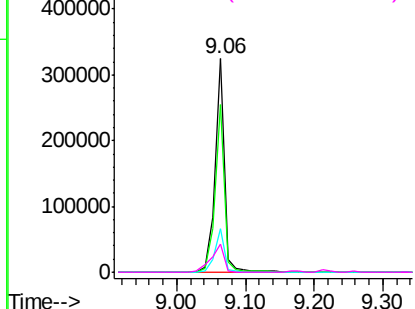
Manual Integrations
 APPROVED

apatel
 10/2/2015 9:01:11 AM

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	311853		
214	79.0	63.5	95.3	
179	20.9	16.6	24.8	
108	18.6	16.3	24.5	

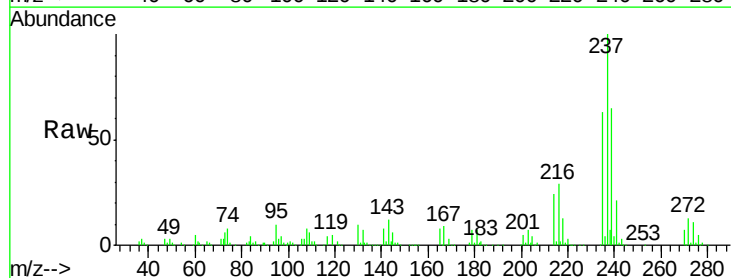


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

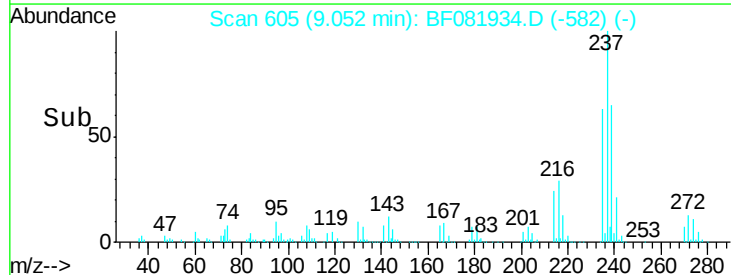
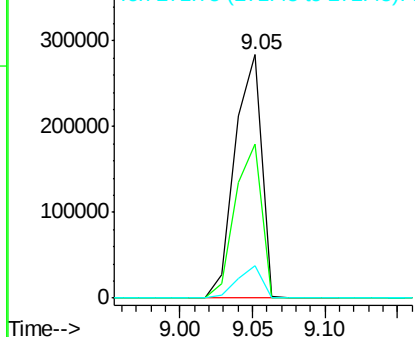


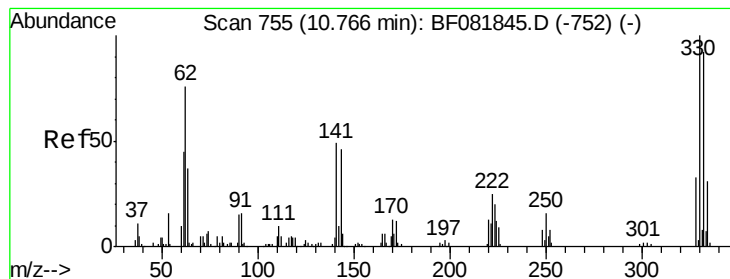
#40
 Hexachlorocyclopentadiene
 Concen: 87.04 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.03 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	361052		
235	63.1	42.0	82.0	
272	13.3	0.0	36.1	



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





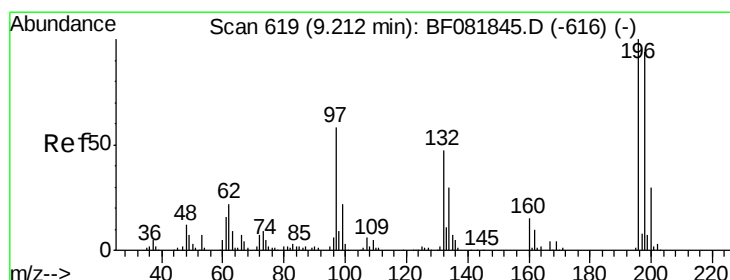
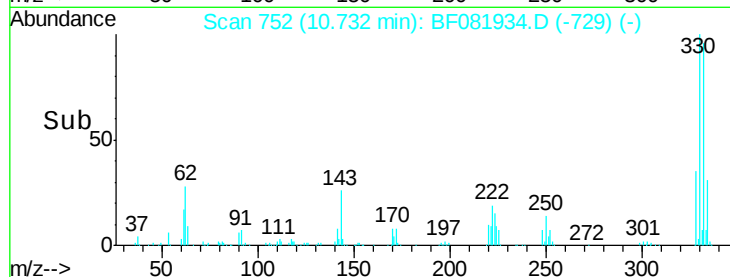
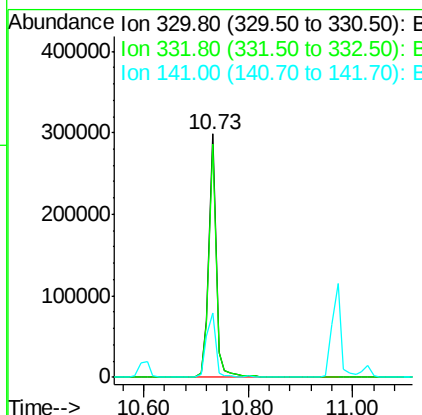
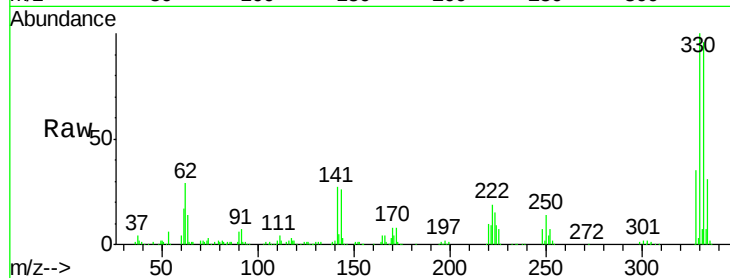
#41
 2,4,6-Tribromophenol
 Concen: 112.29 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	298389		
332	96.3	76.6	114.8	
141	33.7	29.7	44.5	

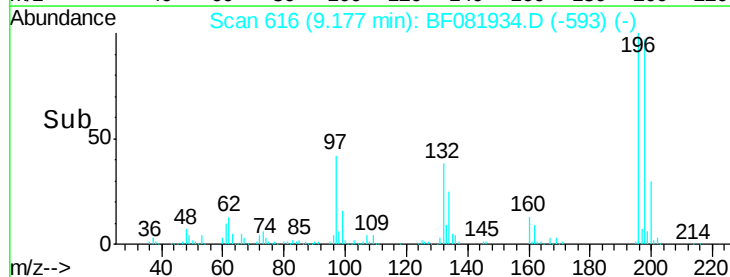
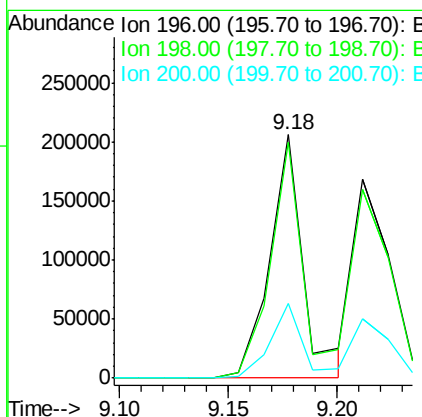
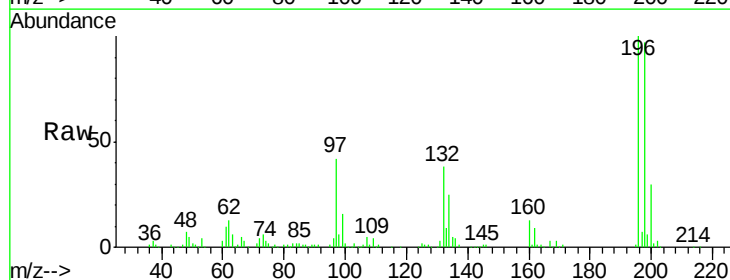
Manual Integrations
 APPROVED

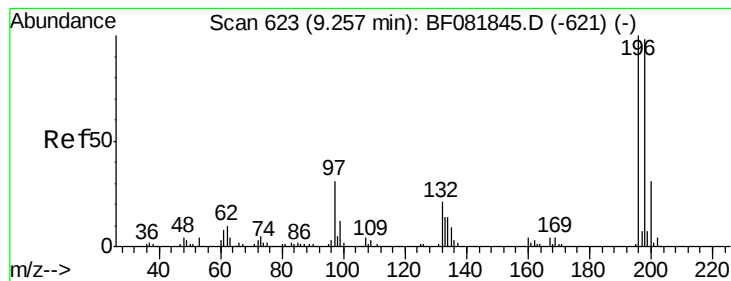
apatel
 10/2/2015 9:01:11 AM



#42
 2,4,6-Trichlorophenol
 Concen: 40.41 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	223146		
198	96.8	75.7	113.5	
200	30.4	23.9	35.9	





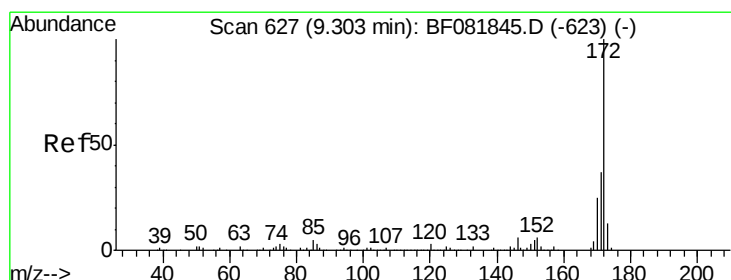
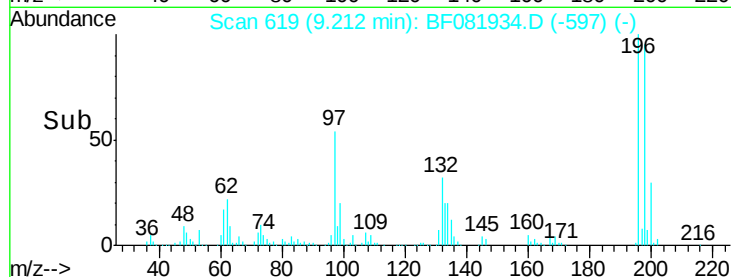
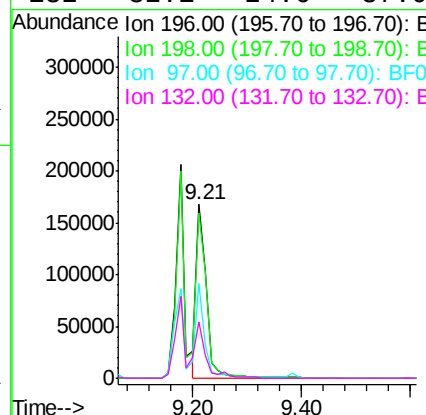
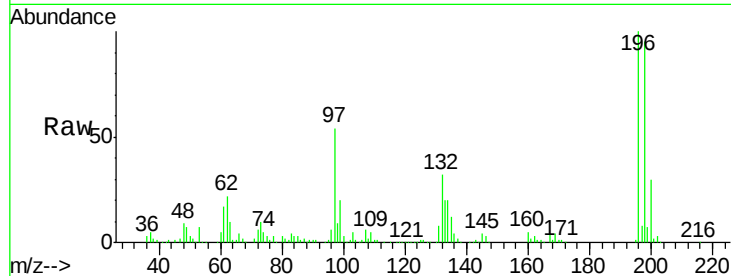
#43
 2,4,5-Trichlorophenol
 Concen: 38.65 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

Tgt Ion:	196	Resp:	219479
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.4	113.0
97	54.3	33.3	49.9
132	32.1	24.6	37.0

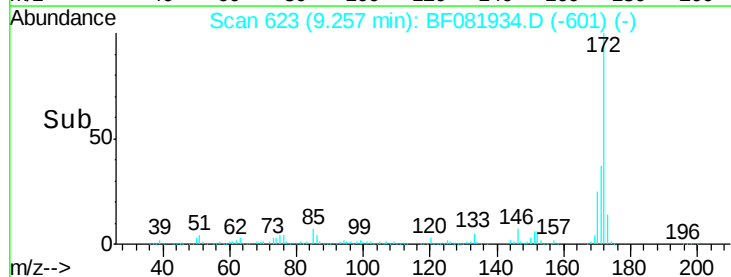
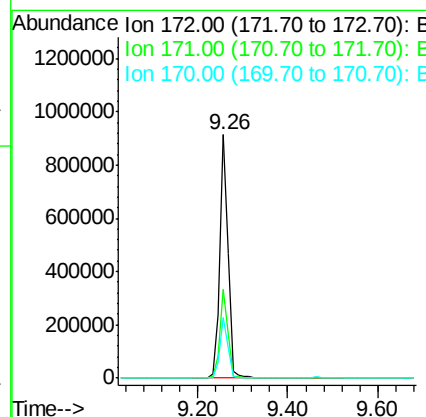
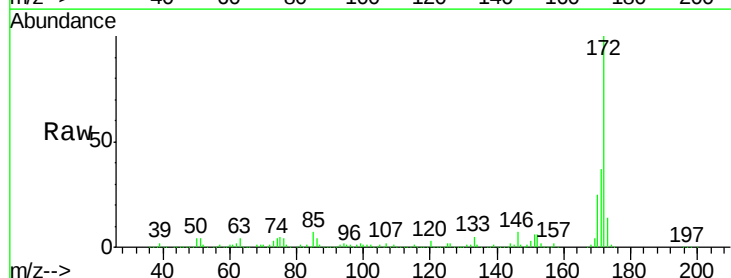
Manual Integrations
 APPROVED

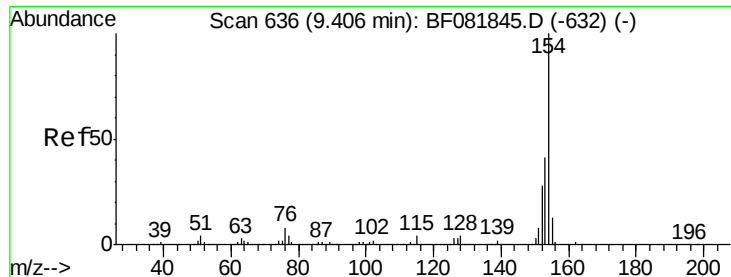
apatel
 10/2/2015 9:01:11 AM



#44
 2-Fluorobiphenyl
 Concen: 72.39 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion:	172	Resp:	1168263
Ion Ratio	Lower	Upper	
172	100		
171	36.7	26.1	39.1
170	24.9	17.4	26.2





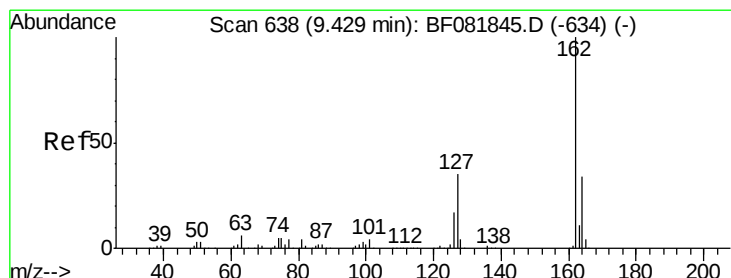
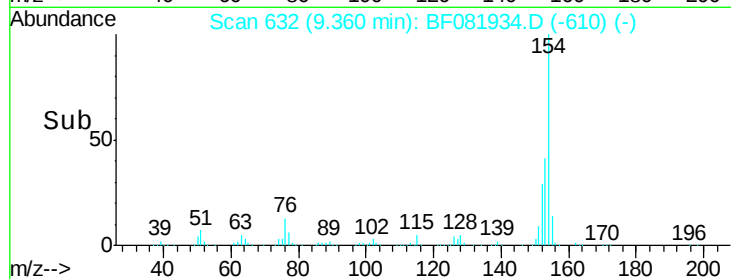
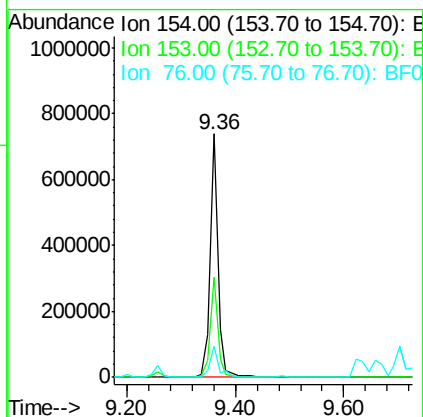
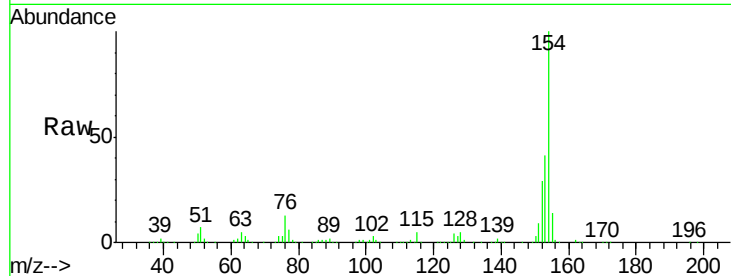
#45
 1,1'-Biphenyl
 Concen: 36.81 ng
 RT: 9.36 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	17.1	57.1
76	12.7	0.0	31.6

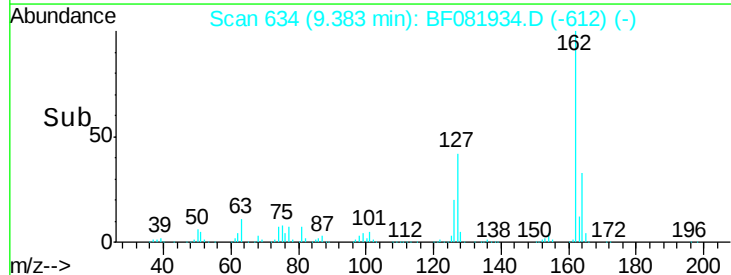
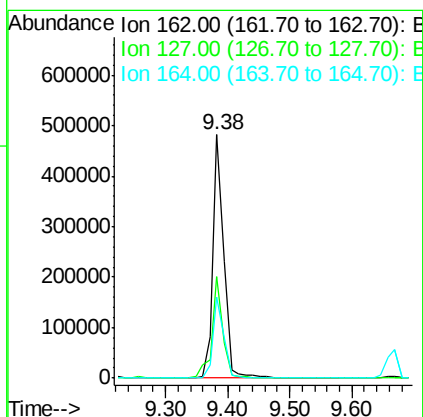
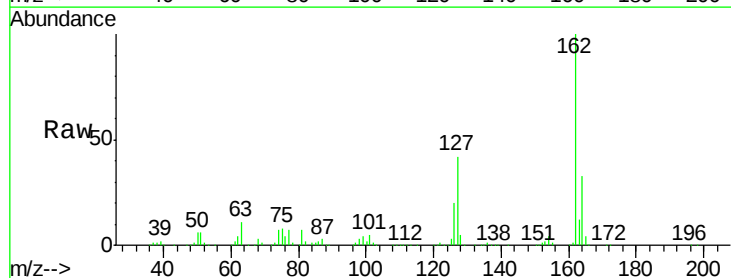
Manual Integrations
 APPROVED

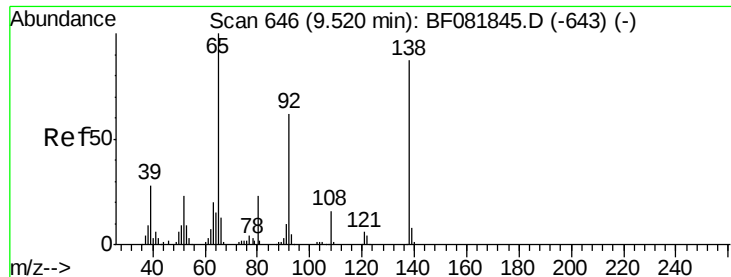
apatel
 10/2/2015 9:01:11 AM



#46
 2-Chloronaphthalene
 Concen: 36.65 ng
 RT: 9.38 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.6	27.6	41.4#
164	33.1	25.4	38.2





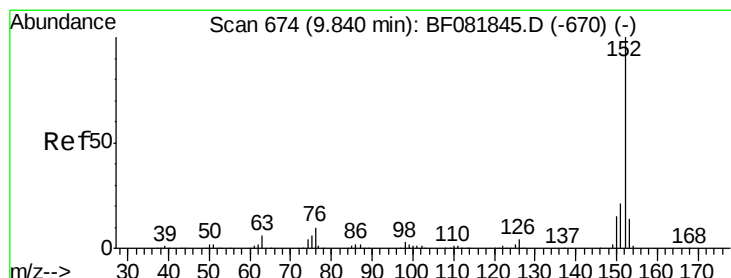
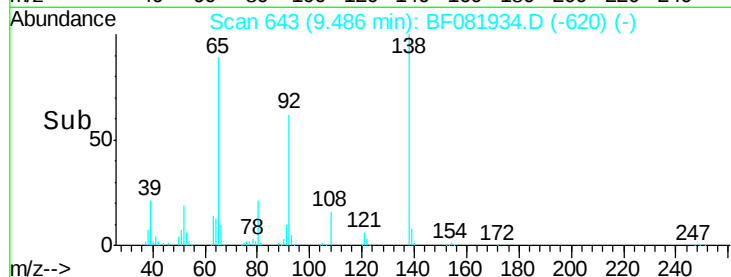
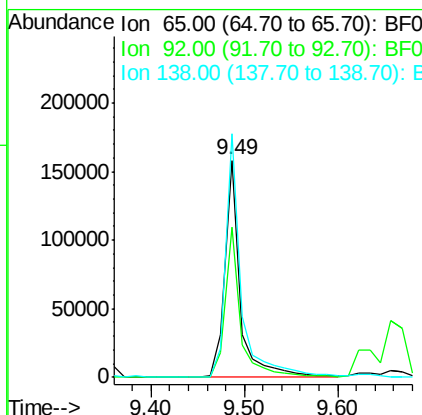
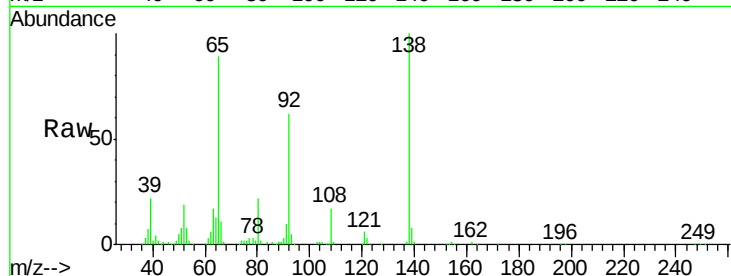
#47
2-Nitroaniline
Concen: 38.93 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	55.4	83.0
138	112.1	115.5	173.3

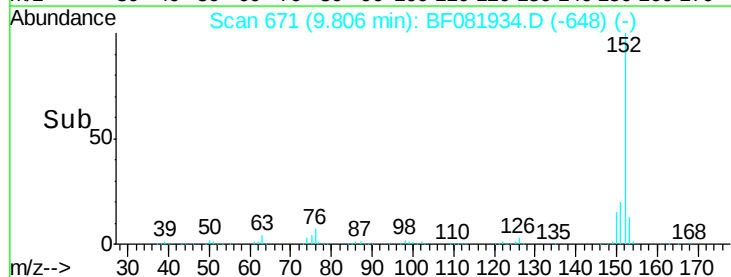
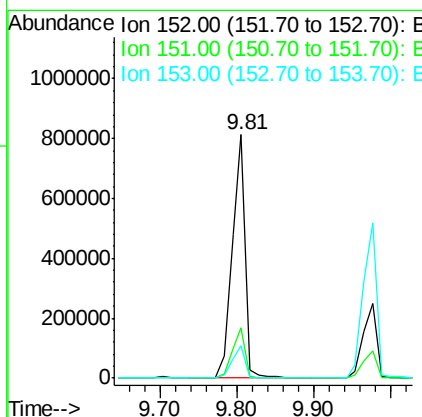
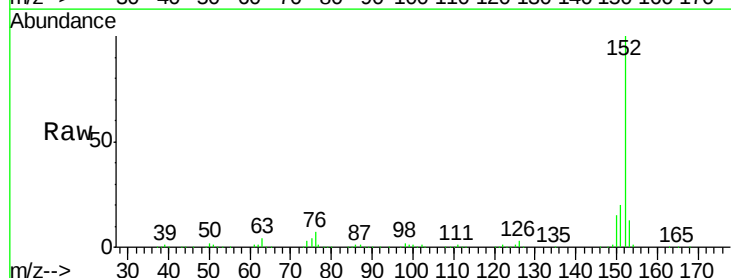
Manual Integrations
APPROVED

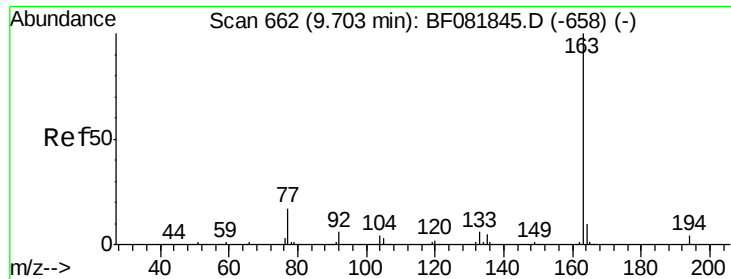
apatel
10/2/2015 9:01:11 AM



#48
Acenaphthylene
Concen: 38.31 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	14.6	22.0
153	13.3	10.3	15.5





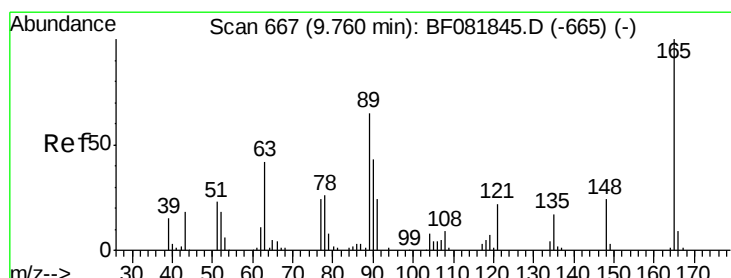
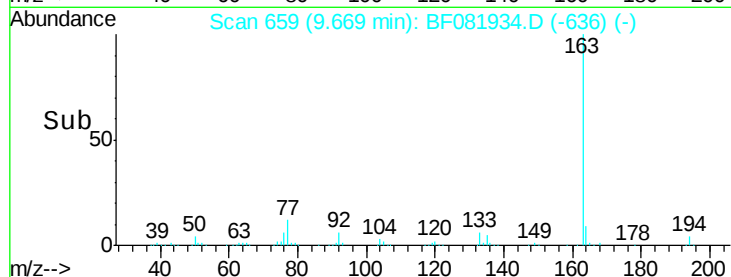
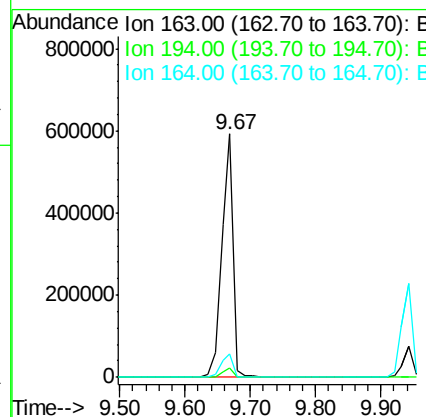
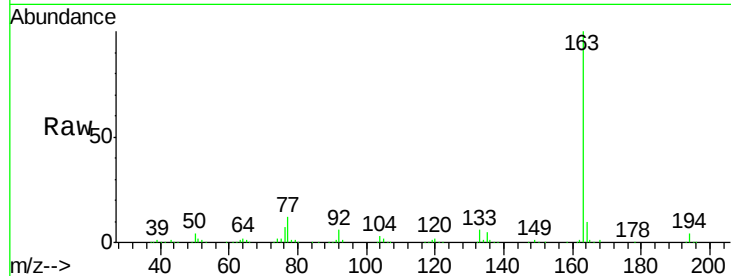
#49
Dimethylphthalate
Concen: 40.49 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	4.4	6.6#
164	9.7	8.3	12.5

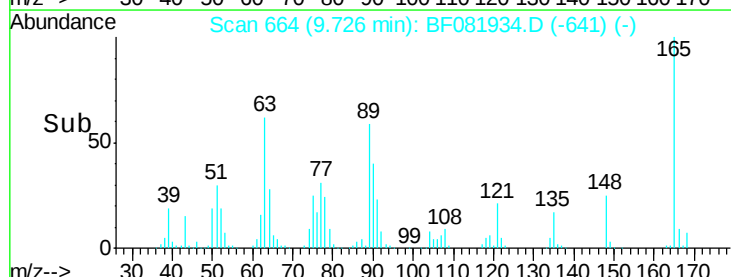
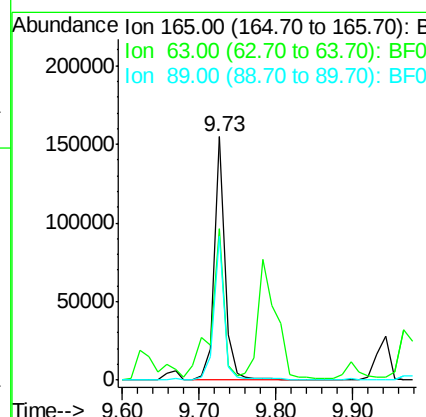
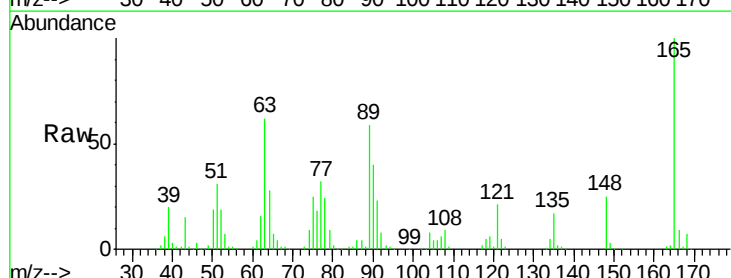
Manual Integrations
APPROVED

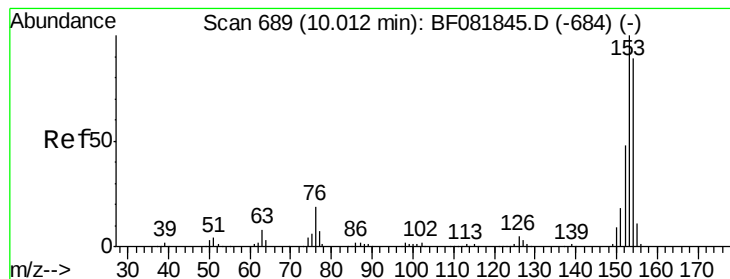
apatel
10/2/2015 9:01:11 AM



#50
2,6-Dinitrotoluene
Concen: 38.25 ng
RT: 9.73 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	62.1	32.3	48.5#
89	59.0	28.6	43.0#





#51

Acenaphthene

Concen: 42.75 ng

RT: 9.98 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

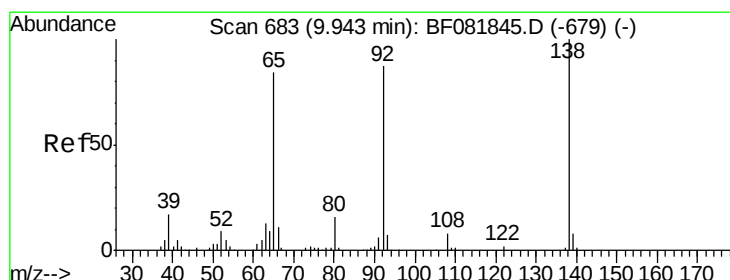
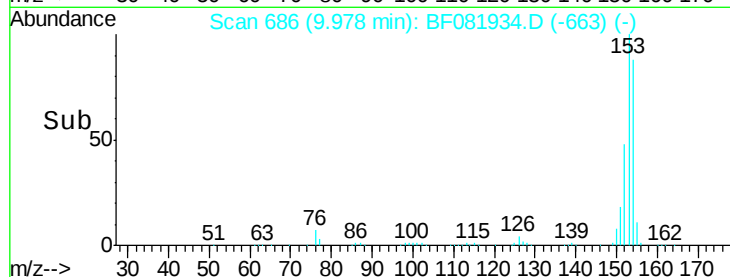
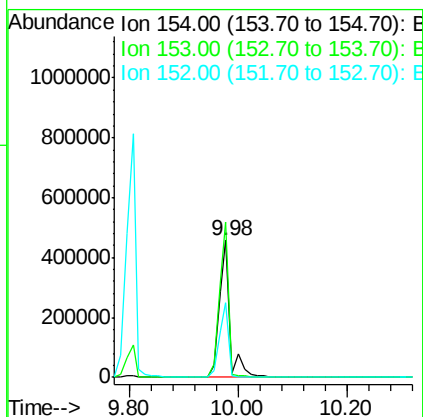
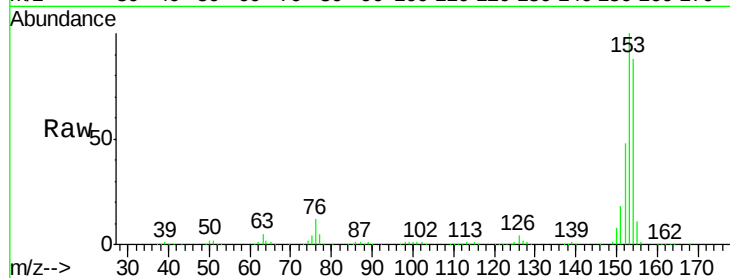
ClientSampleId :

PB85818BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	645807		
153	113.4	82.1	123.1	
152	54.5	37.9	56.9	

Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM



#52

3-Nitroaniline

Concen: 19.86 ng

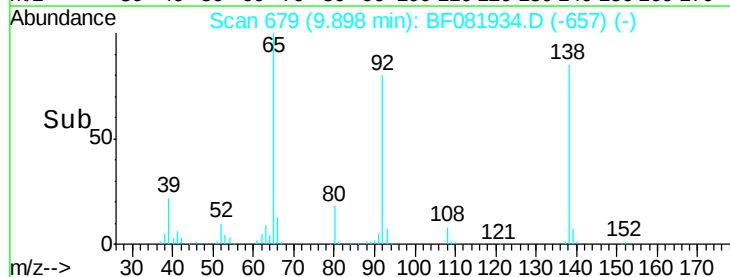
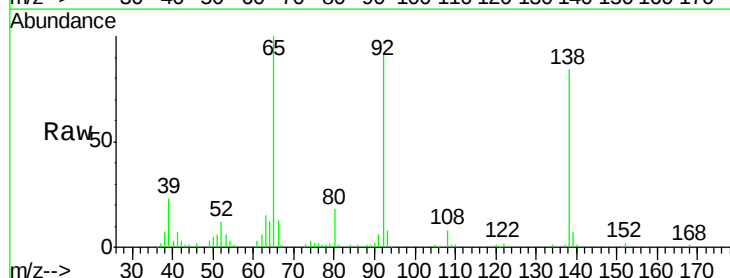
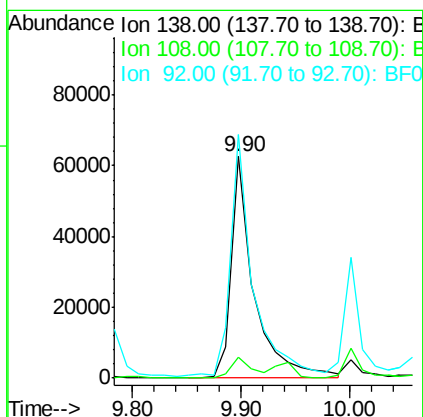
RT: 9.90 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

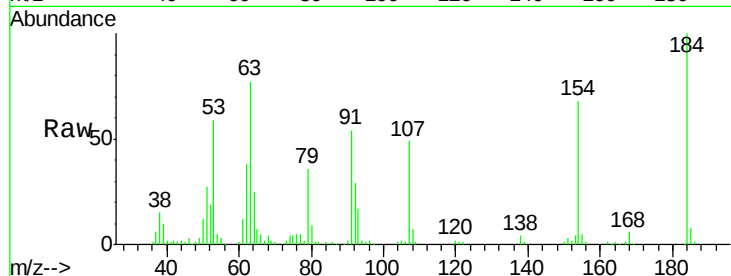
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	90347		
108	9.5	5.7	8.5#	
92	110.0	67.7	101.5#	





#53
2,4-Dinitrophenol
Concen: 76.61 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

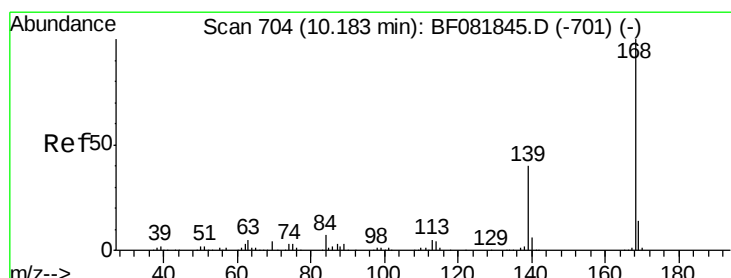
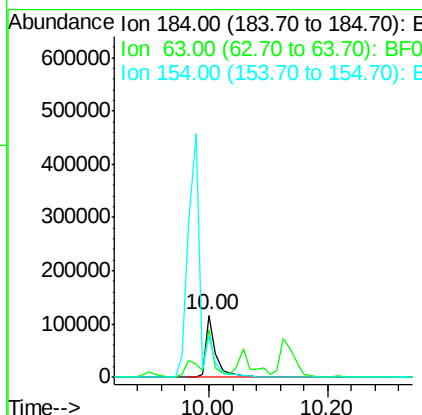
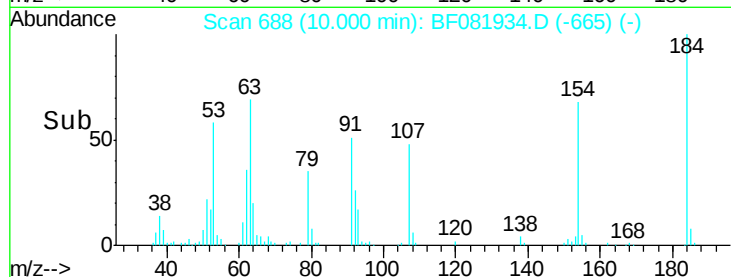
Instrument :
BNA_F
ClientSampleId :
PB85818BSD



Tgt Ion:184 Resp: 142425
Ion Ratio Lower Upper
184 100
63 77.4 35.4 53.2#
154 67.7 32.2 48.4#

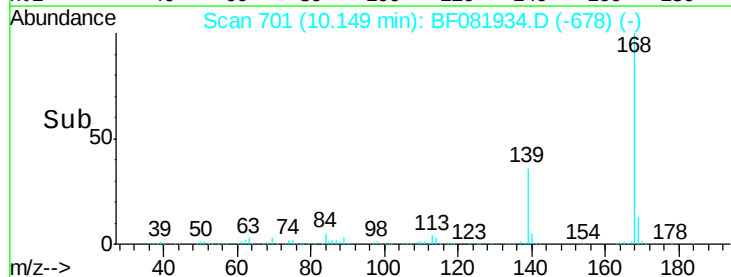
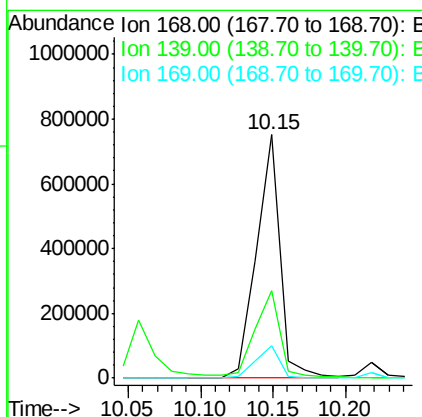
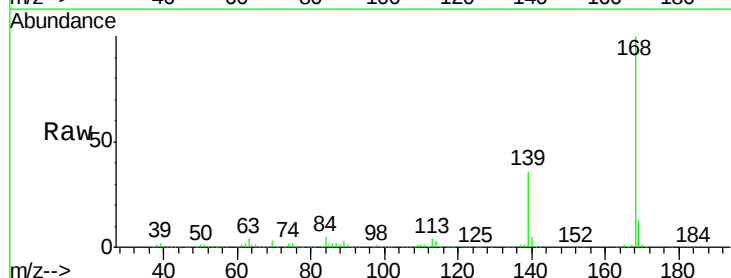
Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM



#54
Dibenzofuran
Concen: 39.69 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion:168 Resp: 847291
Ion Ratio Lower Upper
168 100
139 35.7 24.2 36.2
169 13.4 10.6 15.8





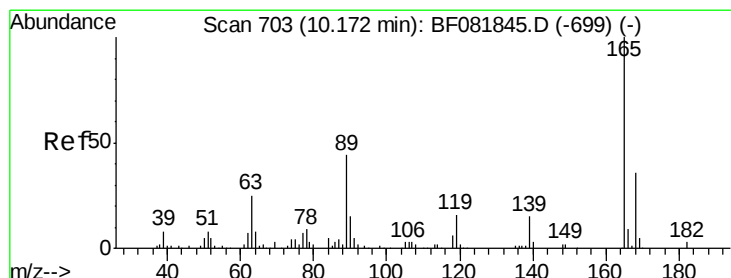
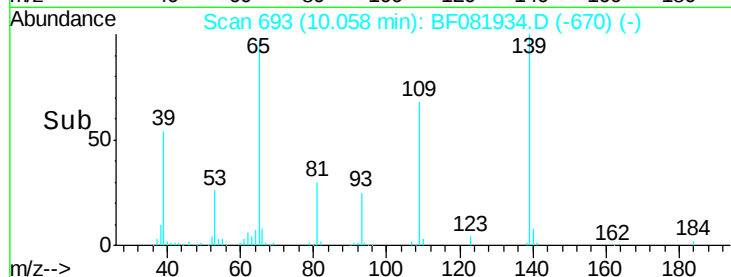
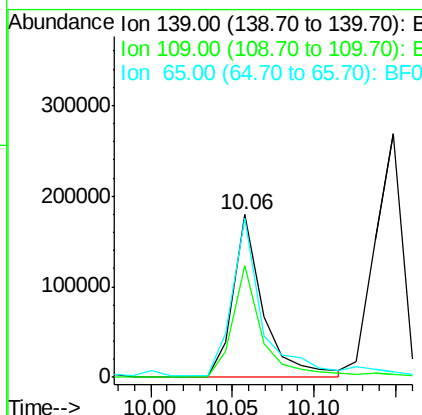
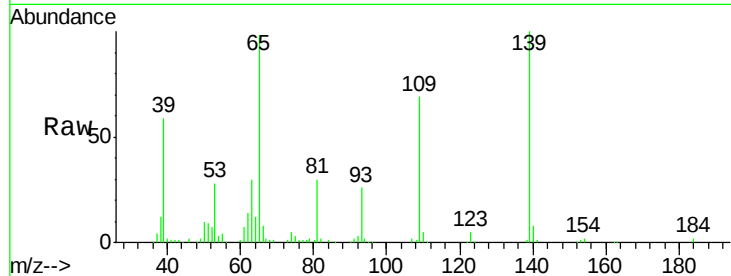
#55
4-Nitrophenol
Concen: 70.45 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	231581		
109	68.7	12.7	52.7#	
65	98.0	45.9	85.9#	

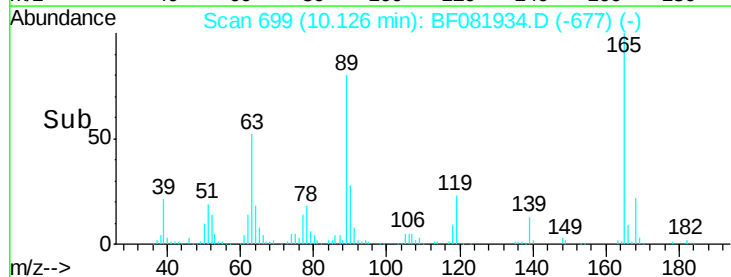
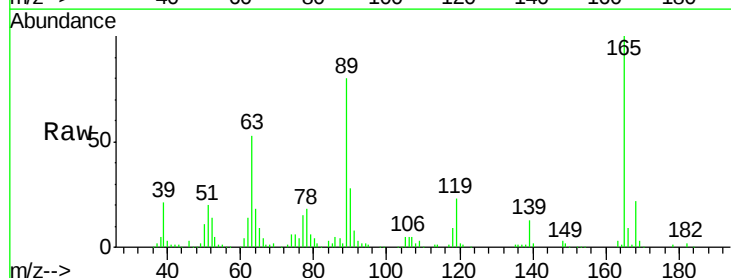
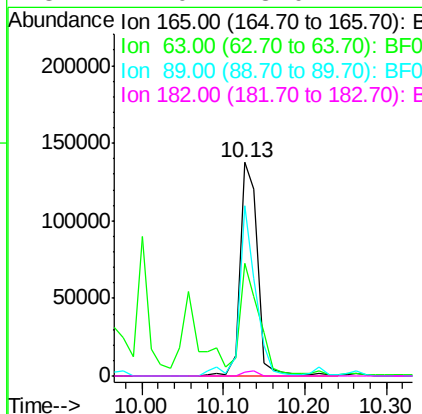
Manual Integrations
APPROVED

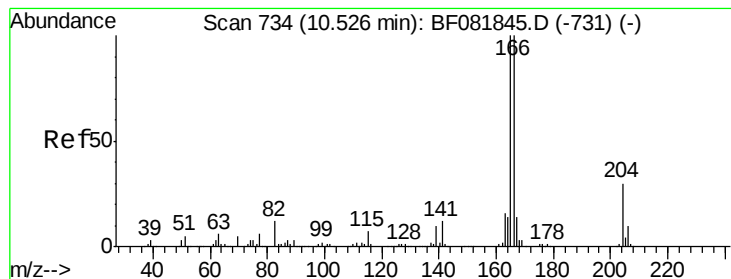
apatel
10/2/2015 9:01:11 AM



#56
2,4-Dinitrotoluene
Concen: 40.67 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	203880		
63	52.8	29.8	44.6#	
89	79.5	44.5	66.7#	
182	2.0	3.0	4.4#	





#57

Fluorene

Concen: 43.07 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

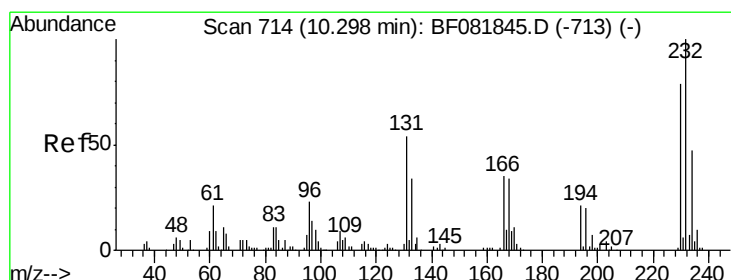
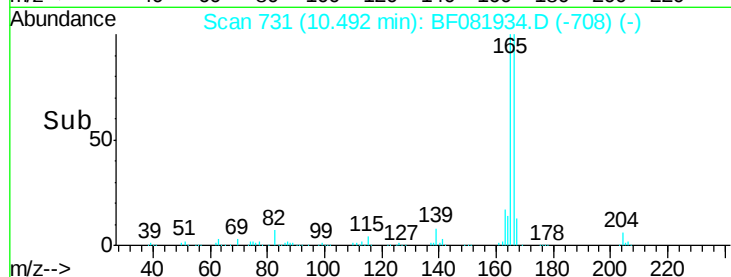
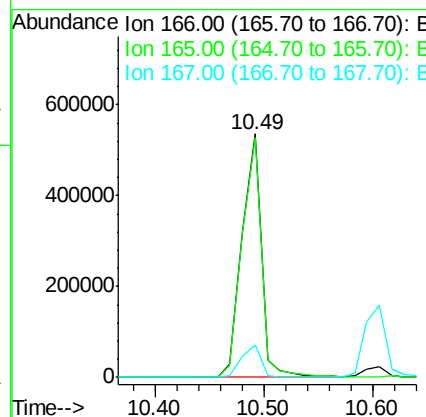
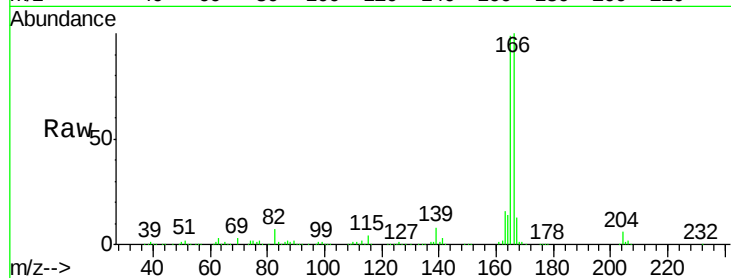
PB85818BSD

Manual Integrations
APPROVED

apatel

10/2/2015 9:01:11 AM

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	658980		
165	98.7	72.6	109.0	
167	13.1	10.6	16.0	



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.22 ng

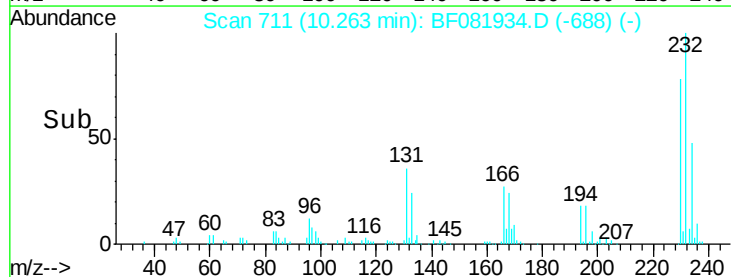
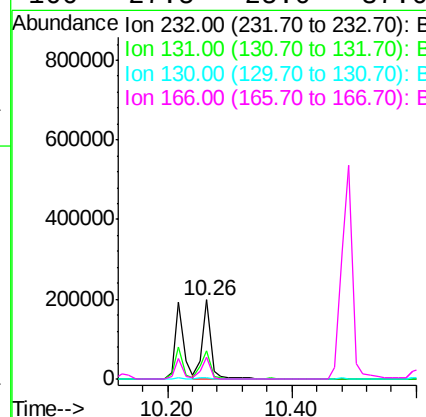
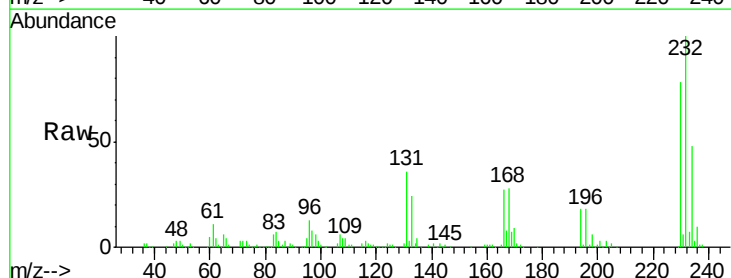
RT: 10.26 min Scan# 711

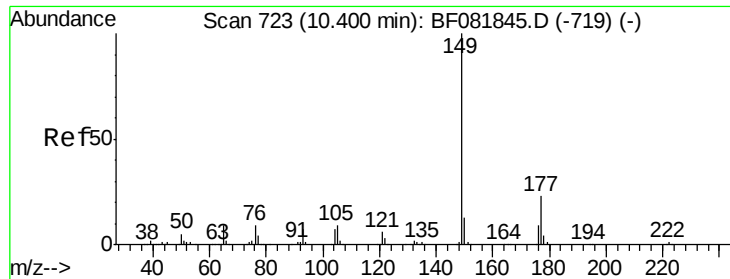
Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	199201		
131	40.9	38.5	57.7	
130	1.9	1.8	2.6	
166	27.5	25.0	37.6	





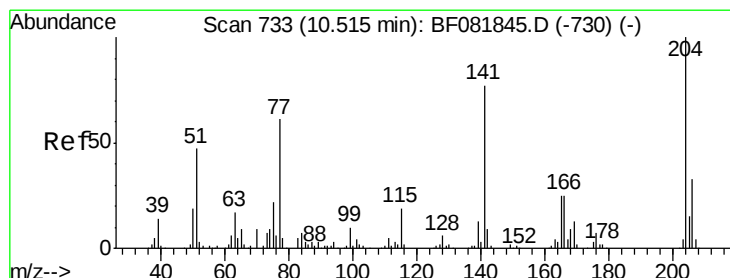
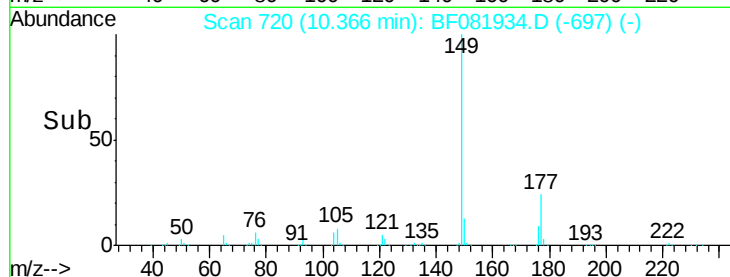
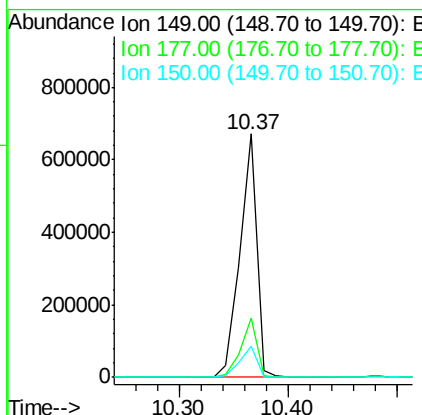
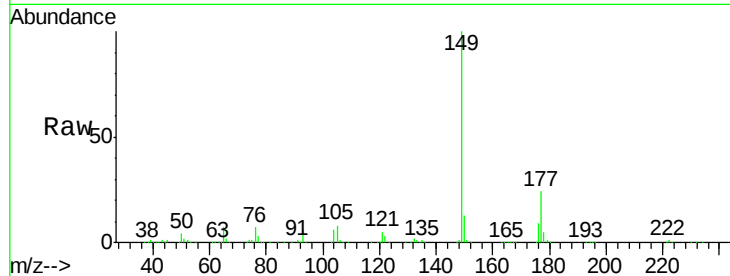
#59
Diethylphthalate
Concen: 42.03 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	17.5	26.3
150	12.7	9.4	14.2

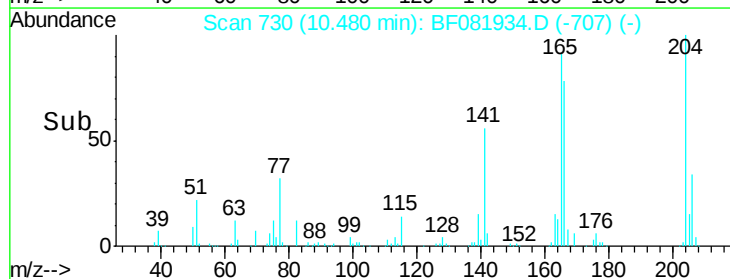
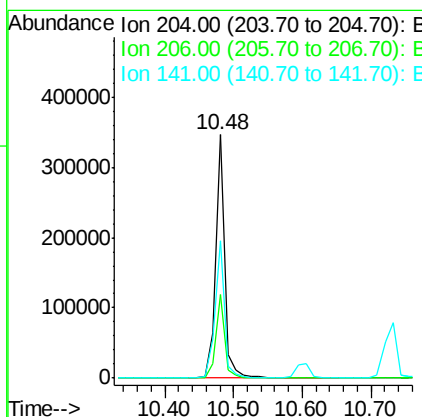
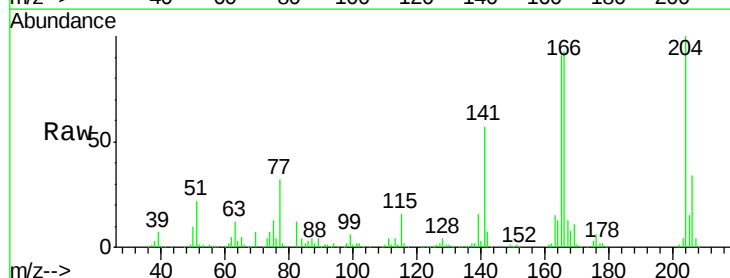
Manual Integrations
APPROVED

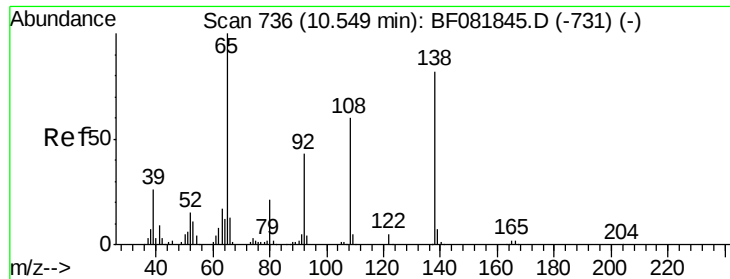
apatel
10/2/2015 9:01:11 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.42 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	24.8	37.2
141	56.7	42.2	63.4





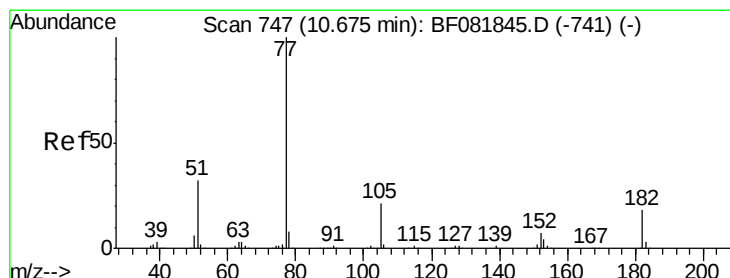
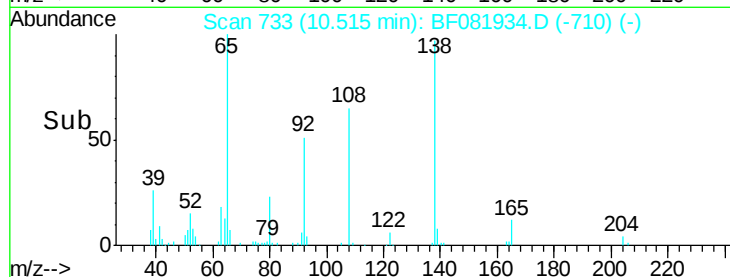
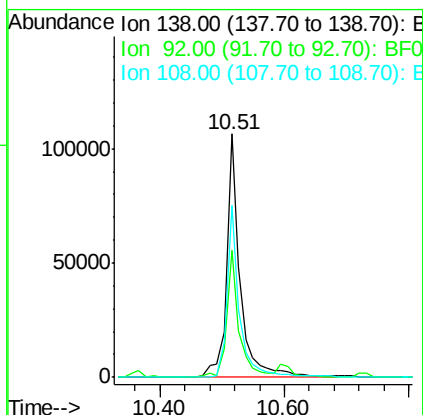
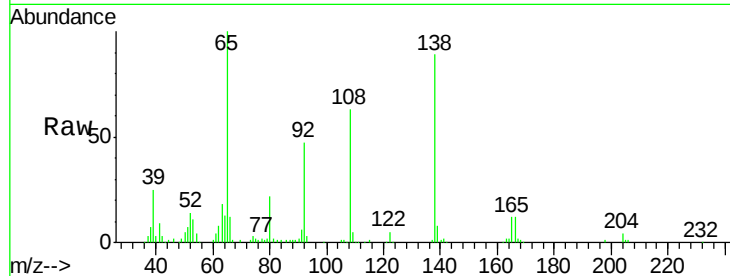
#61
4-Nitroaniline
Concen: 35.45 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	161675		
92	52.1	12.6	52.6	
108	70.4	12.4	52.4#	

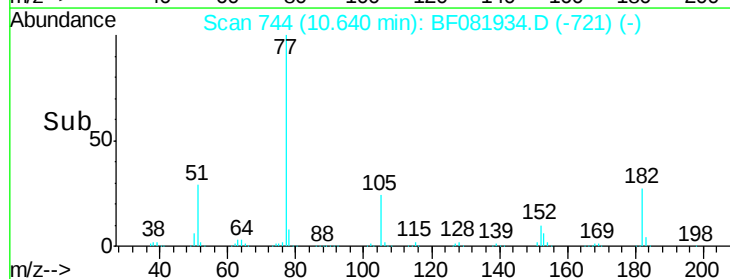
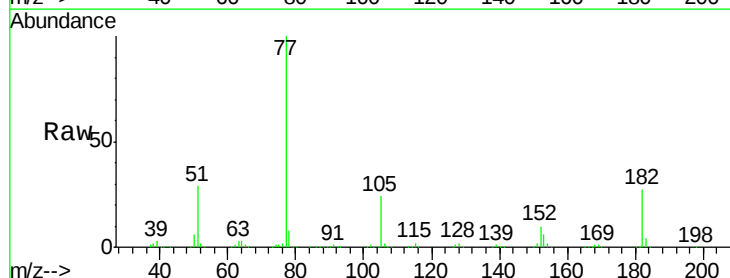
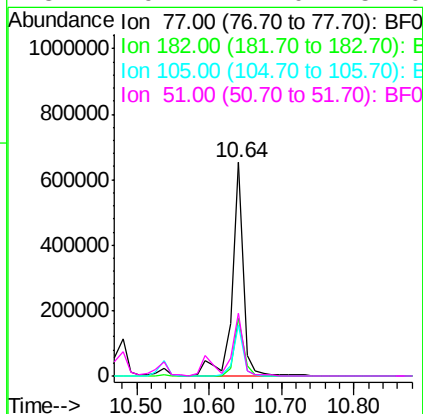
Manual Integrations
APPROVED

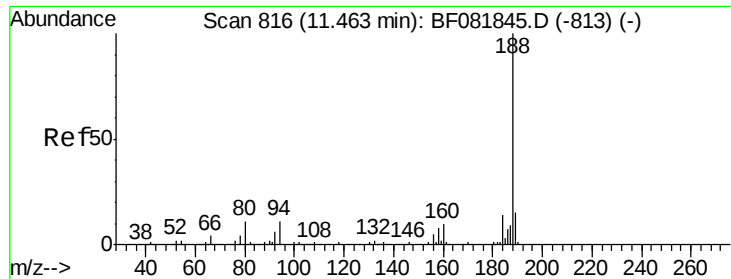
apatel
10/2/2015 9:01:11 AM



#62
Azobenzene
Concen: 41.46 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	684495		
182	26.8	15.1	55.1	
105	23.8	3.4	43.4	
51	29.4	12.0	52.0	





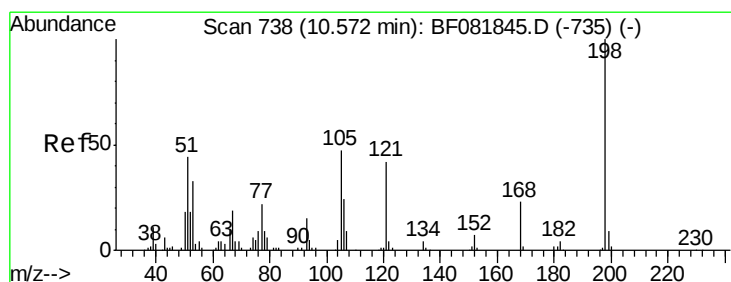
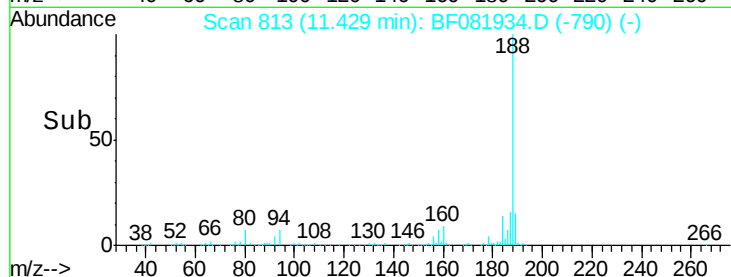
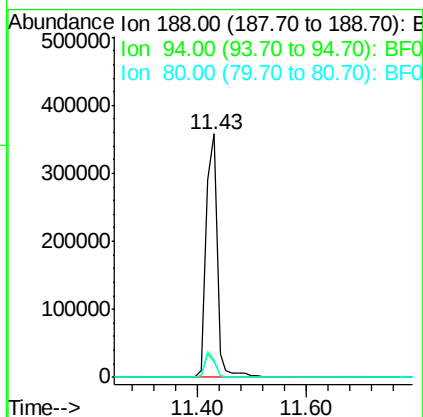
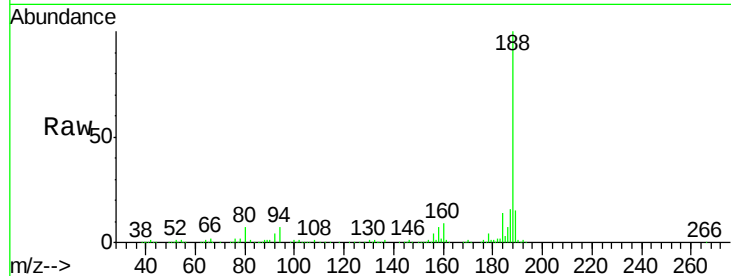
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	502898		
94	6.5	11.1	16.7#	
80	6.9	11.0	16.4#	

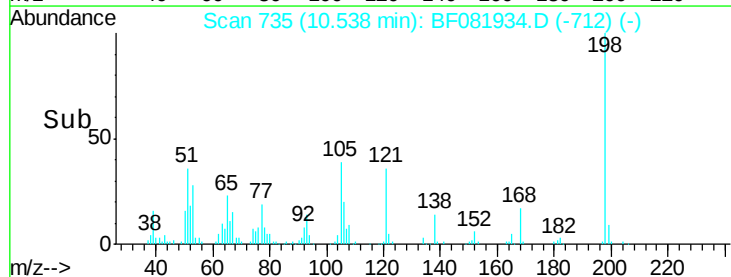
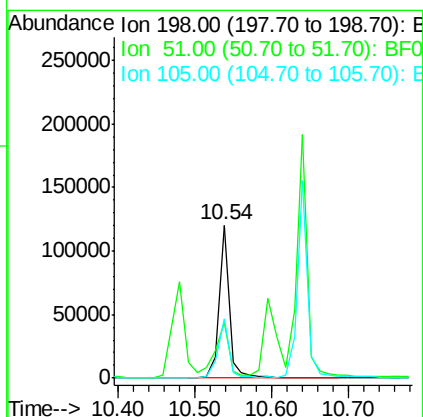
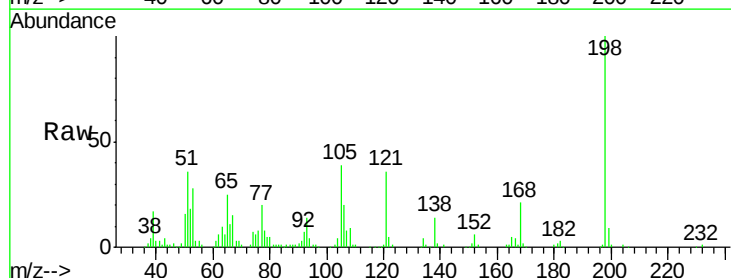
Manual Integrations
APPROVED

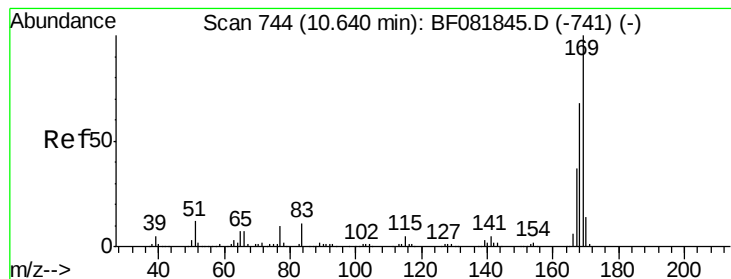
apatel
10/2/2015 9:01:11 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 48.54 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	111060		
51	36.4	39.6	79.6#	
105	39.1	28.5	68.5	





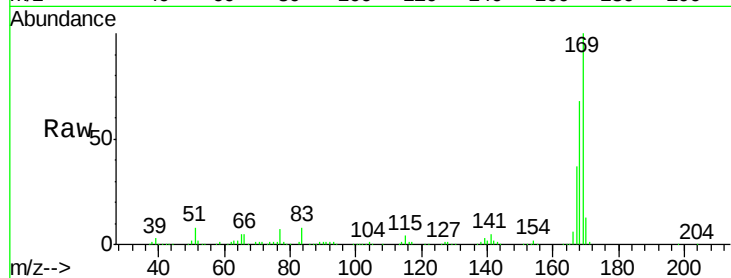
#65
 n-Nitrosodiphenylamine
 Concen: 38.38 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

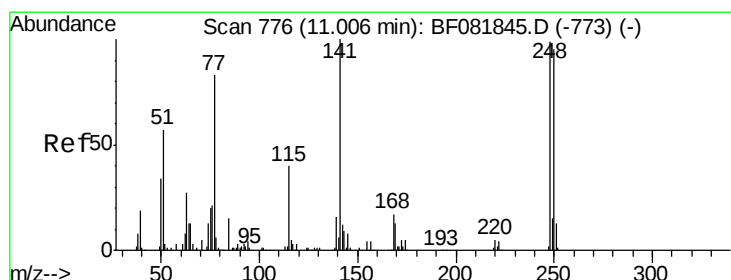
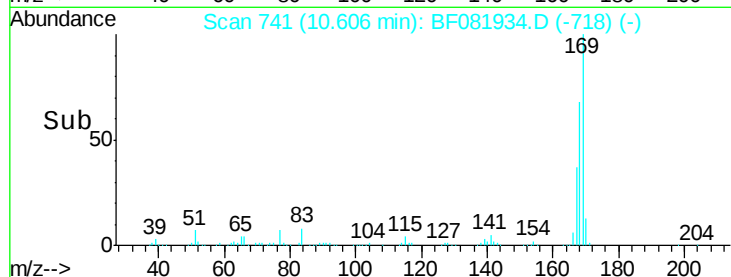
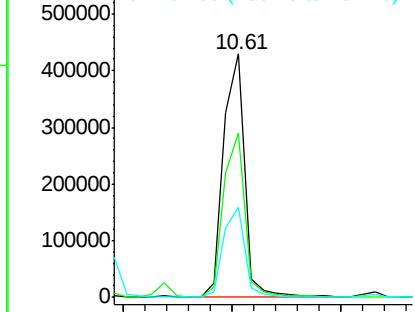
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	583930		
168	67.7	48.9	73.3	
167	37.2	26.2	39.4	

Manual Integrations
 APPROVED

apatel
 10/2/2015 9:01:11 AM

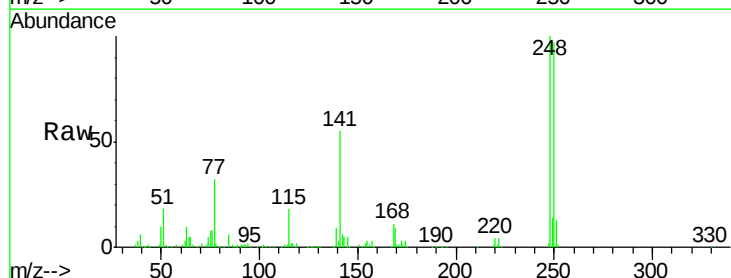


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

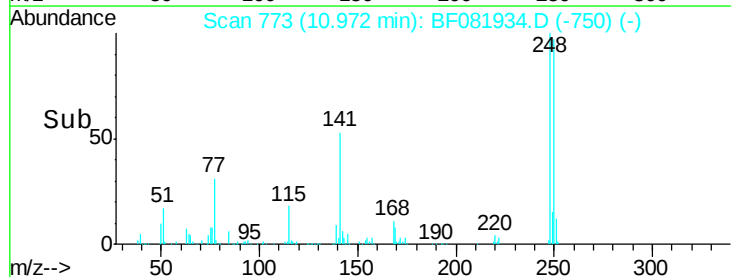
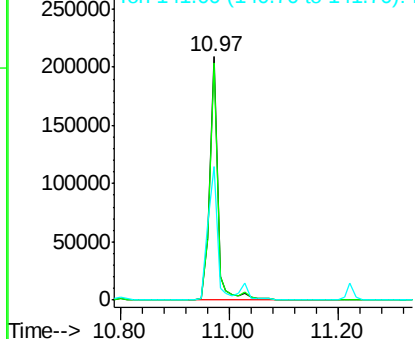


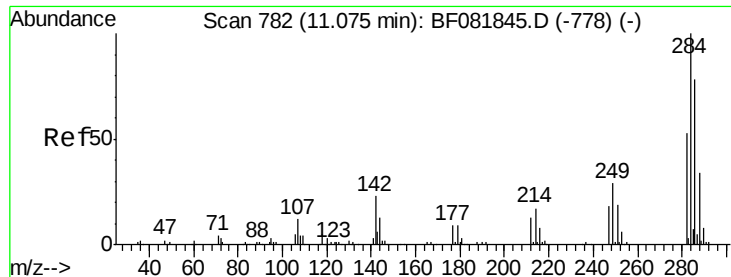
#66
 4-Bromophenyl-phenylether
 Concen: 42.74 ng
 RT: 10.97 min Scan# 773
 Delta R.T. -0.03 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	216717		
250	97.4	78.5	117.7	
141	54.8	59.0	88.6	



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





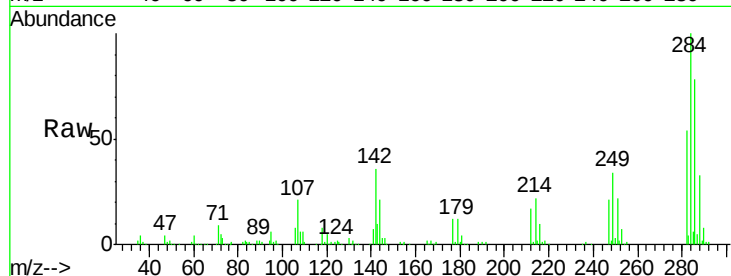
#67
Hexachlorobenzene
Concen: 36.36 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.05 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

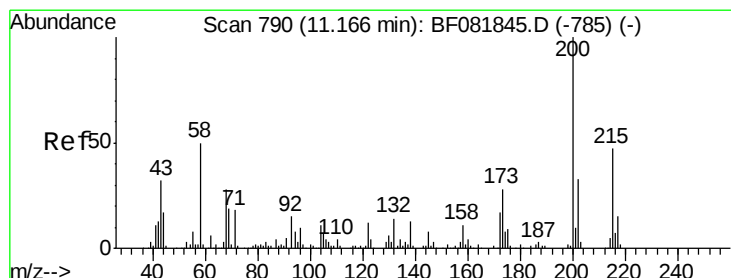
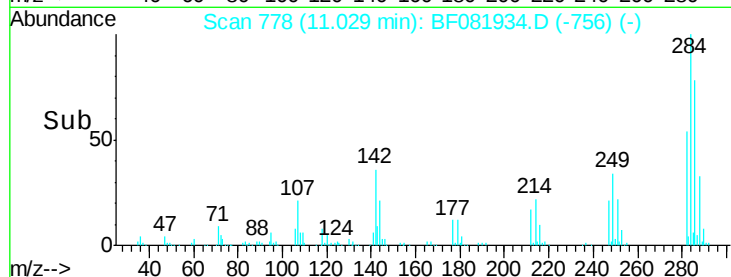
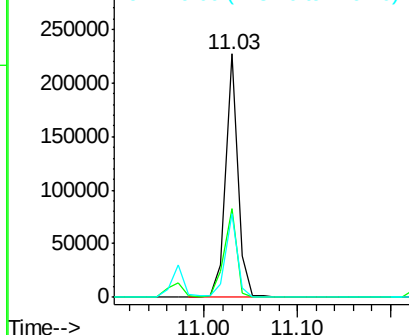
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	36.2	29.5	44.3
249	34.3	19.5	29.3

Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM

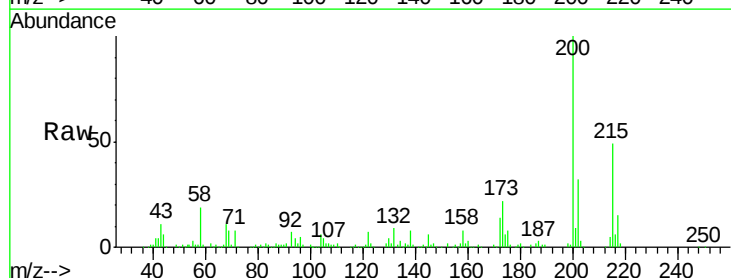


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

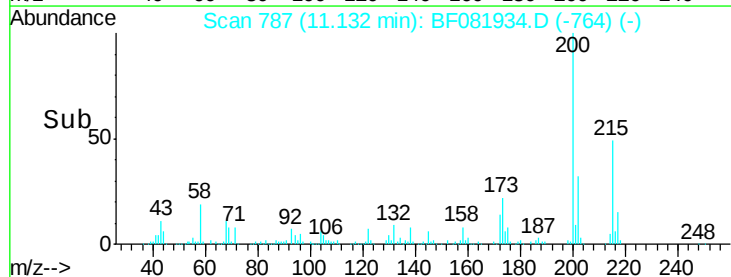
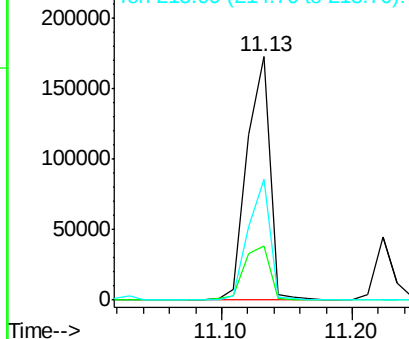


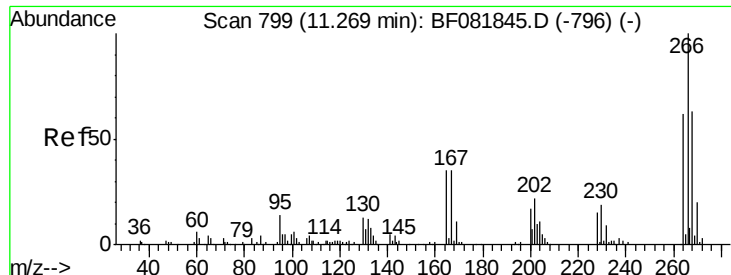
#68
Atrazine
Concen: 44.53 ng
RT: 11.13 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.3	13.2	53.2
215	49.4	41.8	81.8



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





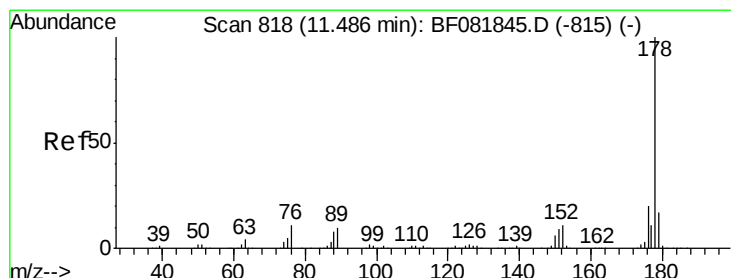
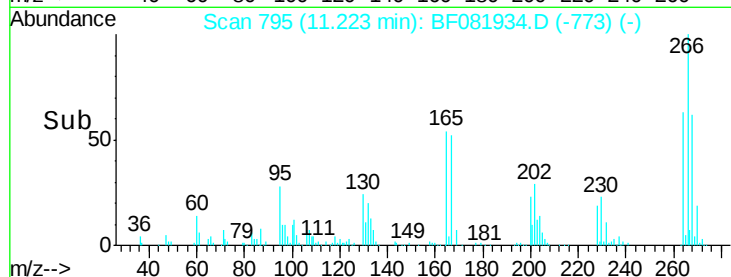
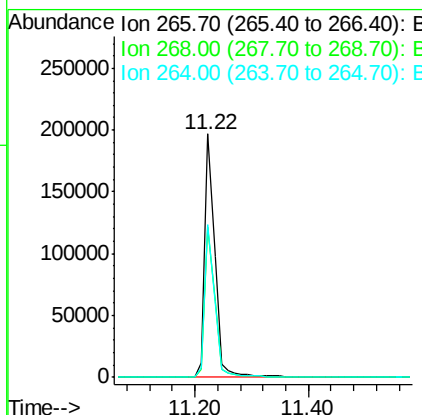
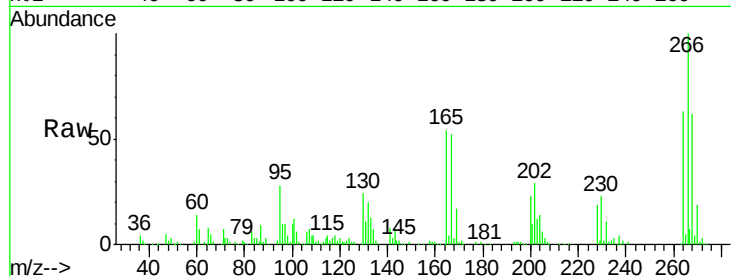
#69
 Pentachlorophenol
 Concen: 71.87 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.05 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	234356		
268	61.7	49.8	74.6	
264	62.9	50.2	75.2	

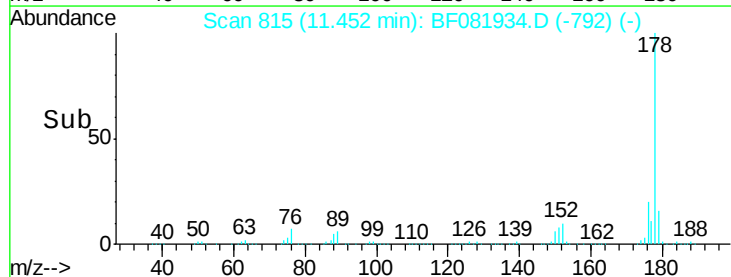
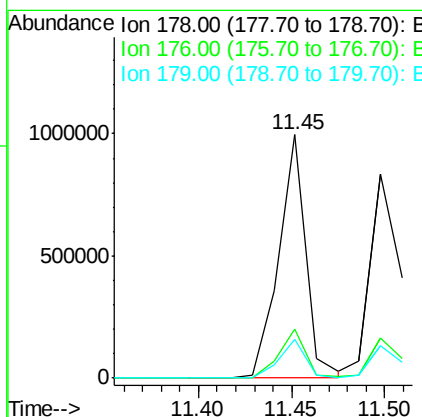
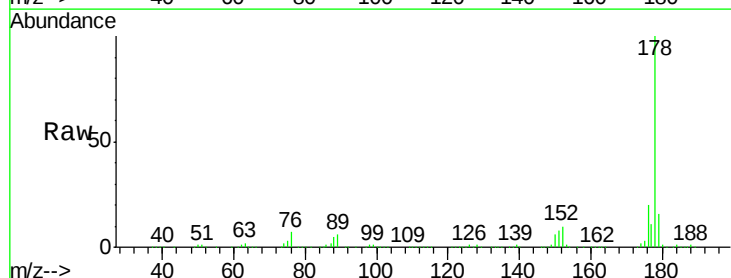
Manual Integrations
 APPROVED

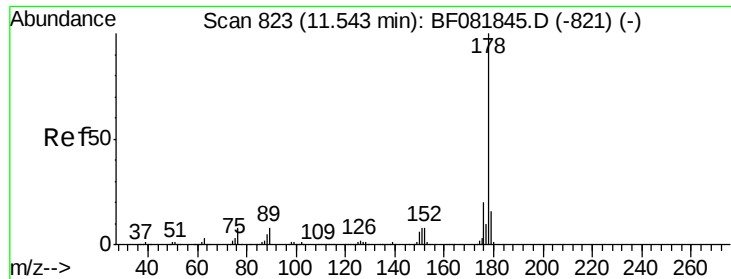
apatel
 10/2/2015 9:01:11 AM



#70
 Phenanthrene
 Concen: 41.54 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1008429		
176	20.1	13.8	20.8	
179	15.9	12.2	18.2	





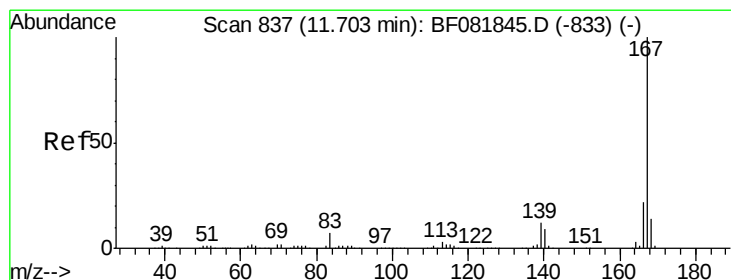
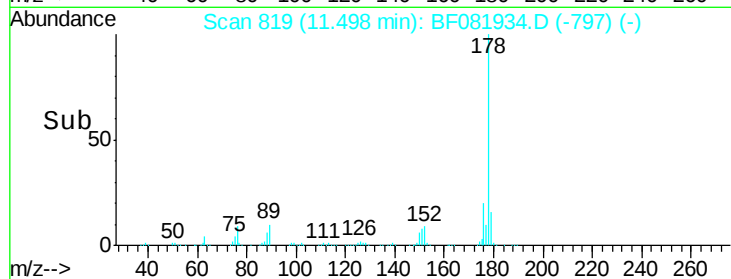
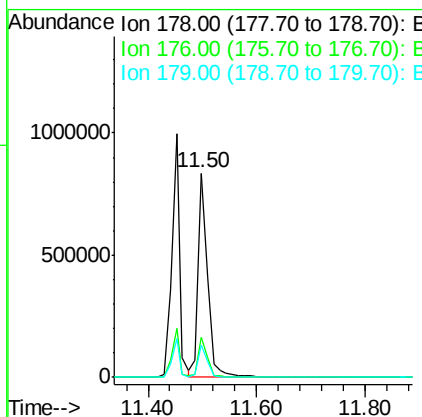
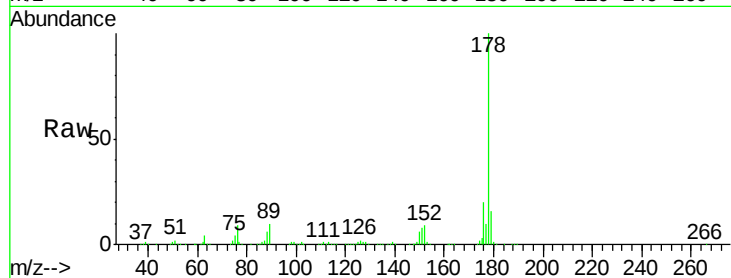
#71
 Anthracene
 Concen: 39.27 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.05 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

Tgt Ion:178 Resp: 1003830
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.1 21.1
 179 16.0 12.2 18.2

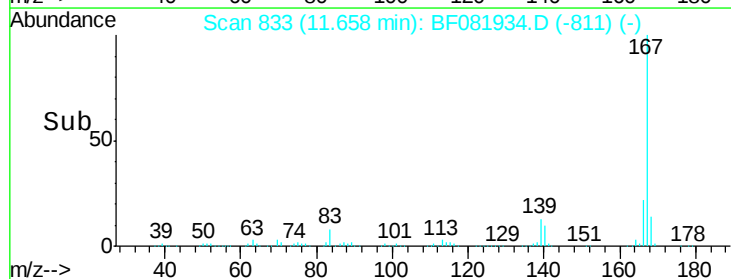
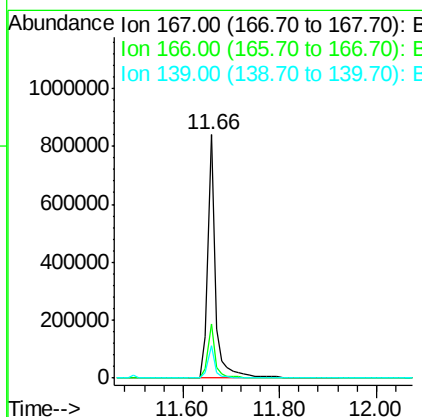
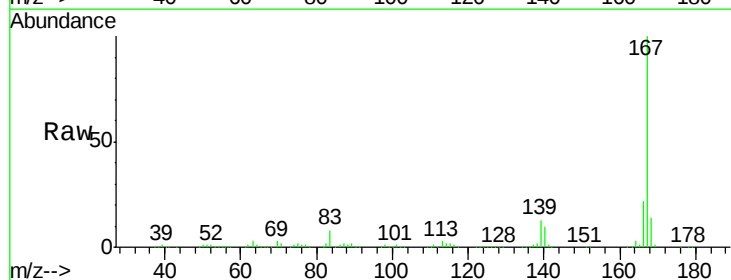
Manual Integrations
 APPROVED

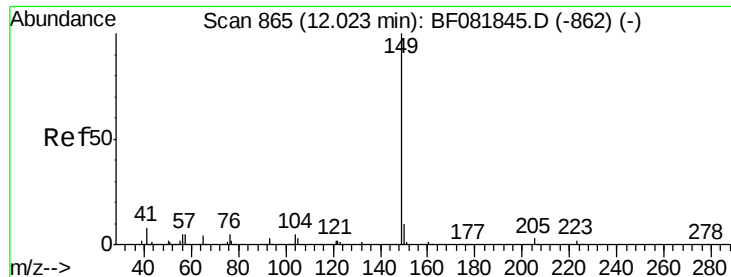
apatel
 10/2/2015 9:01:11 AM



#72
 Carbazole
 Concen: 40.42 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion:167 Resp: 935079
 Ion Ratio Lower Upper
 167 100
 166 22.3 15.7 23.5
 139 13.2 9.5 14.3





#73

Di-n-butylphthalate

Concen: 46.08 ng

RT: 11.99 min Scan# 862

Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

ClientSampleId :

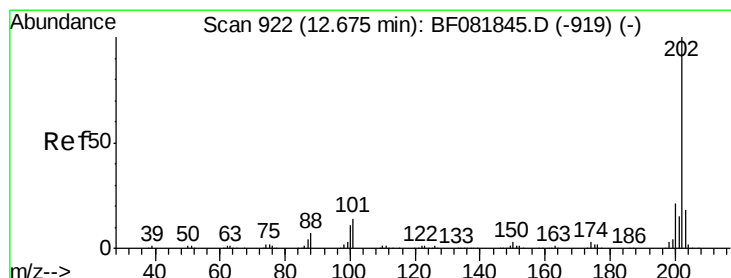
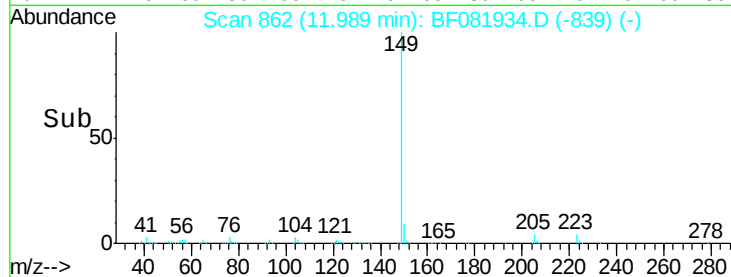
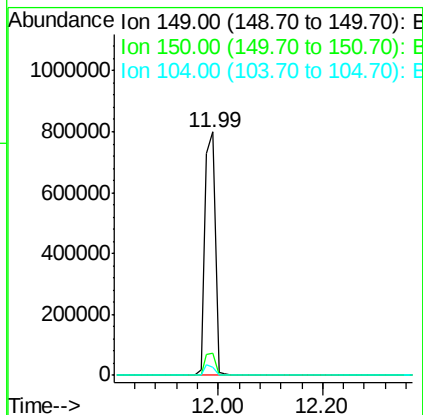
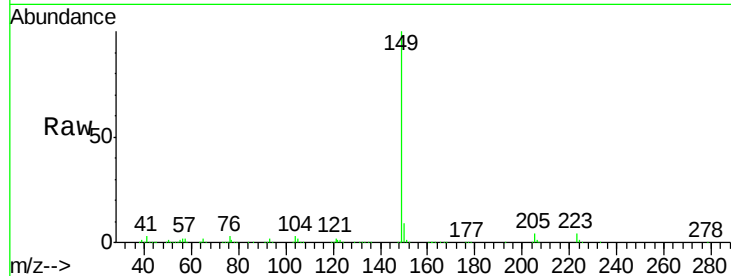
PB85818BSD

Manual Integrations
APPROVED

apatel

10/2/2015 9:01:11 AM

Tgt Ion:149 Resp: 1085108
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 3.5 2.4 3.6



#74

Fluoranthene

Concen: 40.48 ng

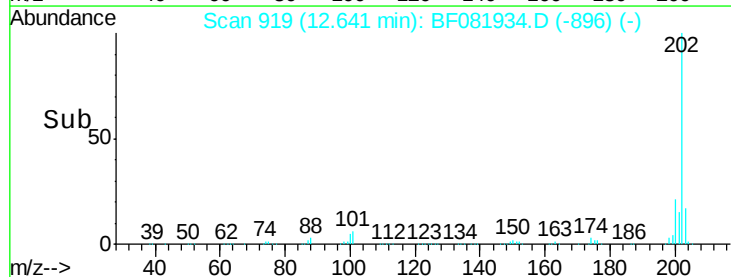
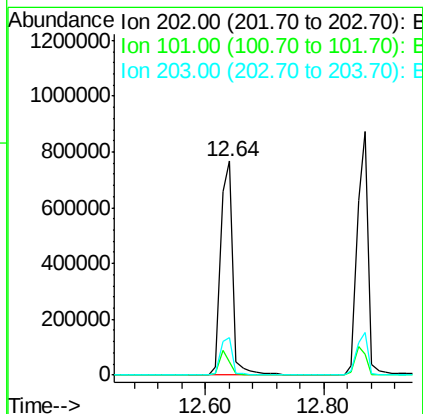
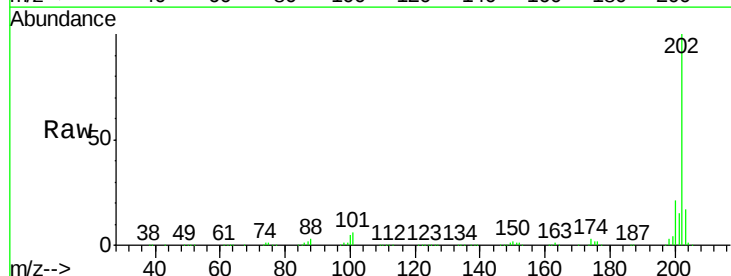
RT: 12.64 min Scan# 919

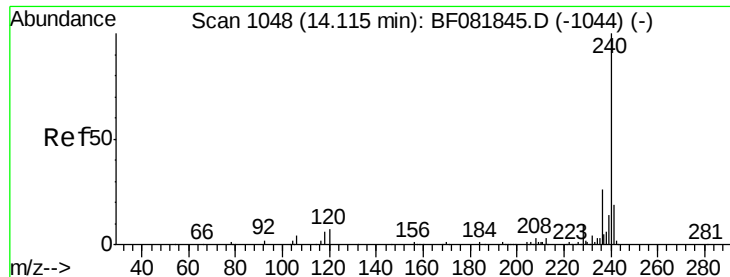
Delta R.T. -0.03 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion:202 Resp: 1090528
Ion Ratio Lower Upper
202 100
101 6.3 0.0 38.3
203 17.4 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

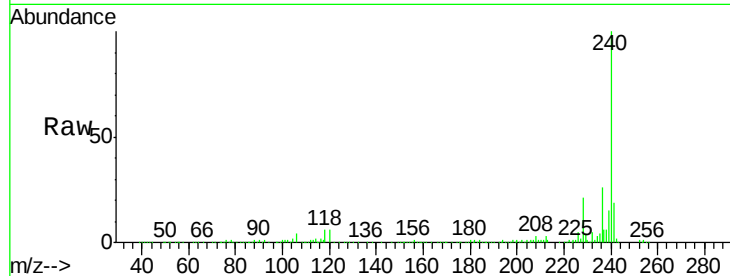
ClientSampleId :

PB85818BSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	16.2	24.2#
236	26.1	18.4	27.6

Manual Integrations
APPROVED

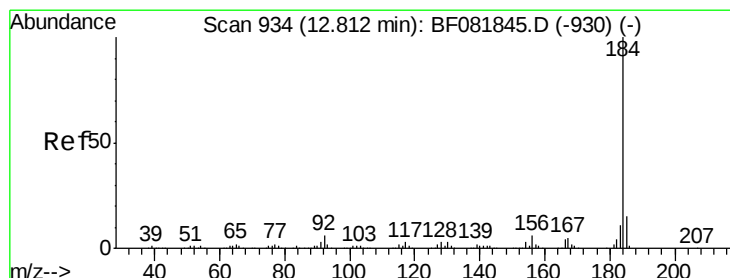
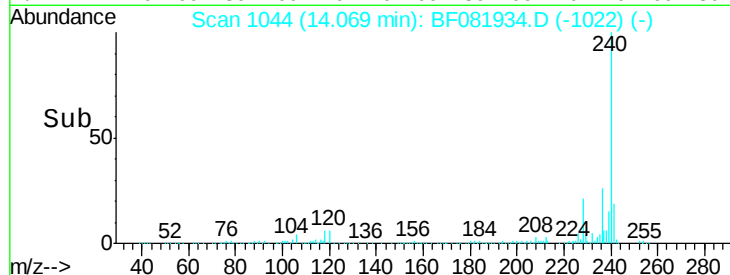
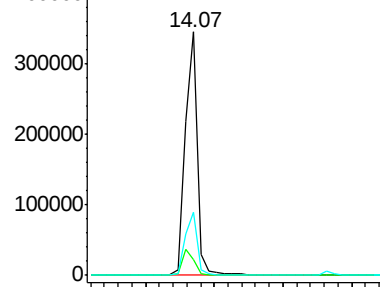
apatel
10/2/2015 9:01:11 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.98 ng

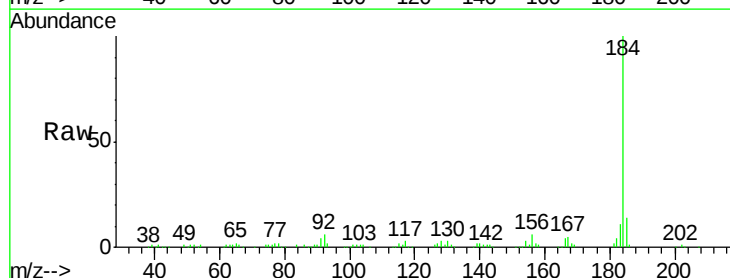
RT: 12.77 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

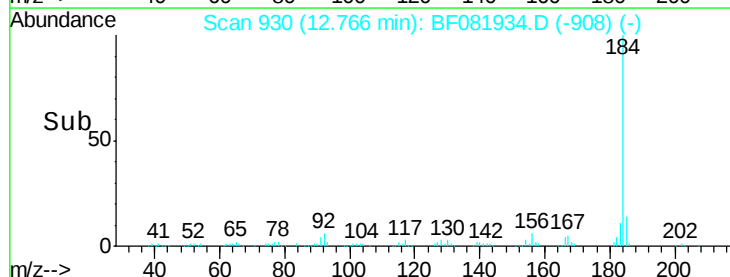
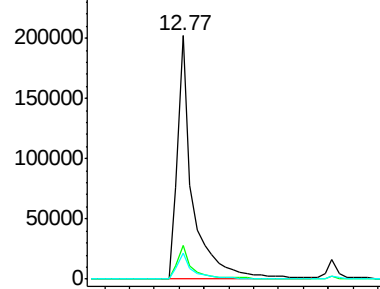
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.6
183	10.8	7.6	11.4

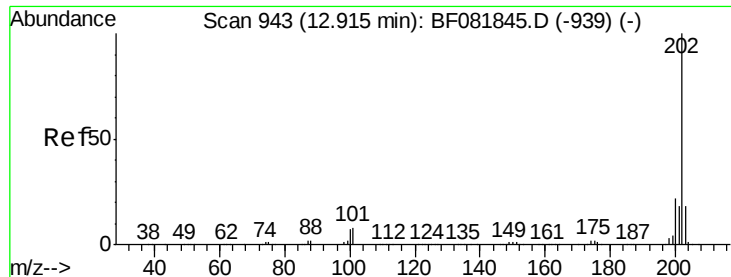


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





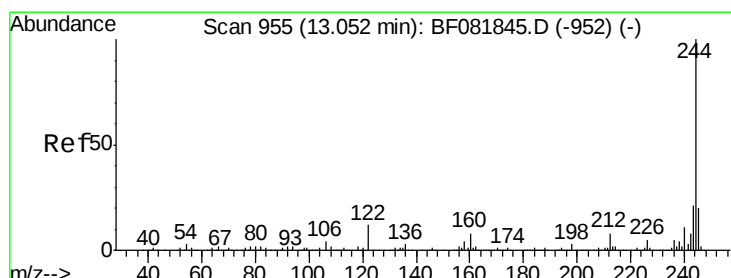
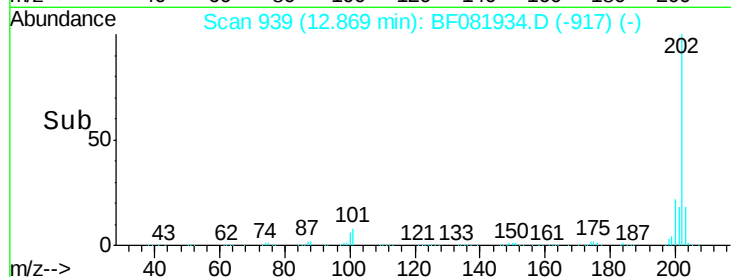
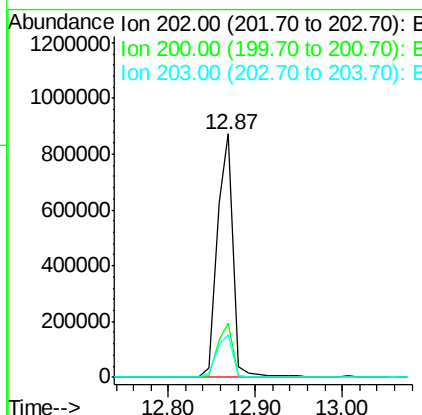
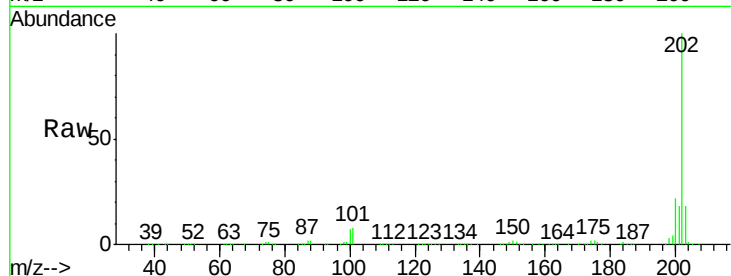
#77
 Pyrene
 Concen: 43.28 ng
 RT: 12.87 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.0	22.4
203	17.6	14.1	21.1

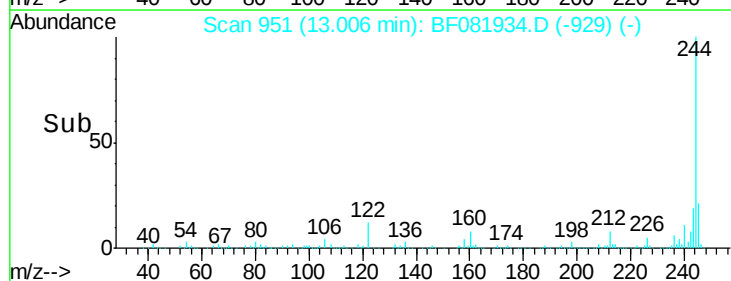
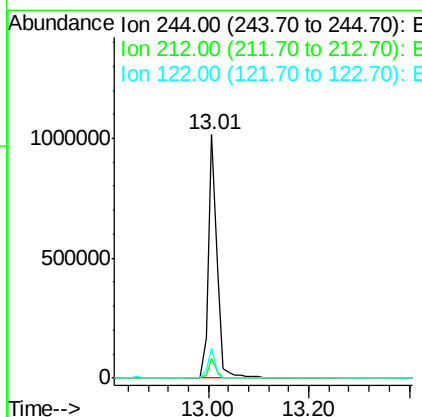
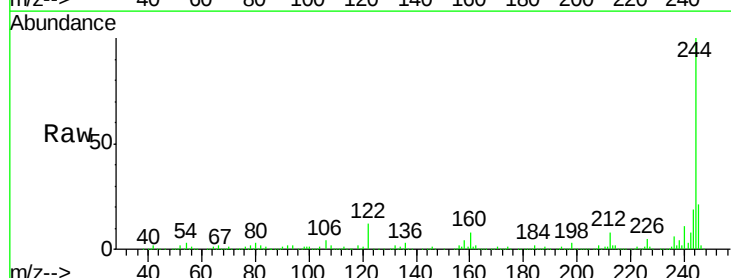
Manual Integrations
 APPROVED

apatel
 10/2/2015 9:01:11 AM



#78
 Terphenyl-d14
 Concen: 92.78 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	12.4	17.4	26.2#





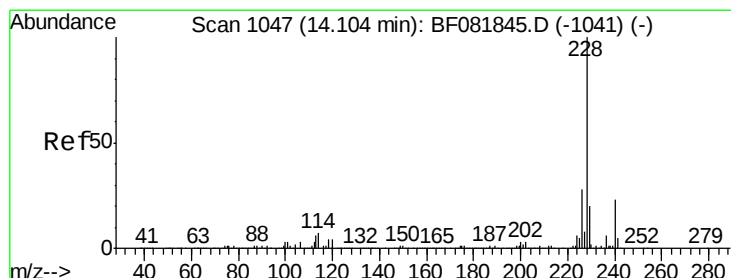
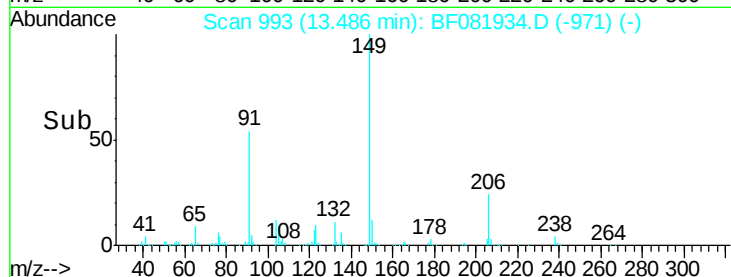
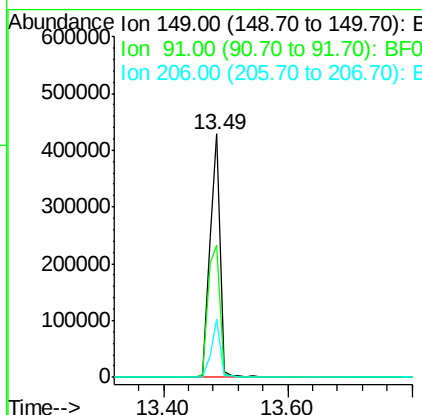
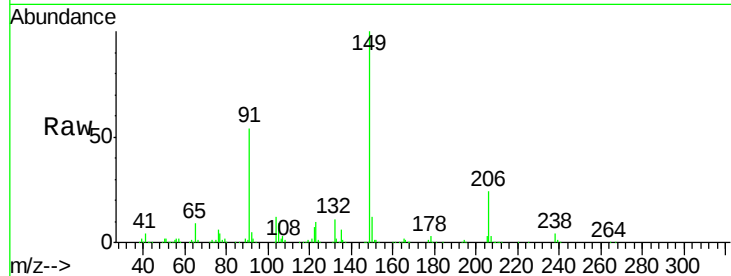
#79
Butylbenzylphthalate
Concen: 50.26 ng
RT: 13.49 min Scan# 993
Delta R.T. -0.05 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	483737		
91	54.4	48.6	72.8	
206	23.6	14.9	22.3	

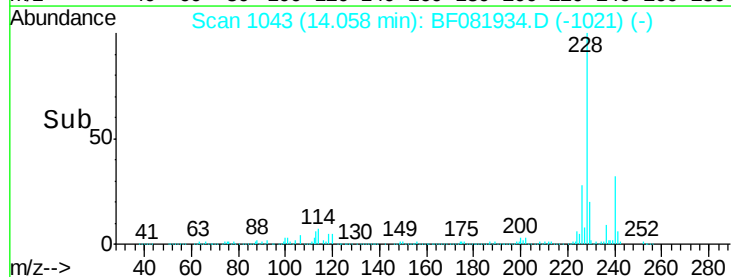
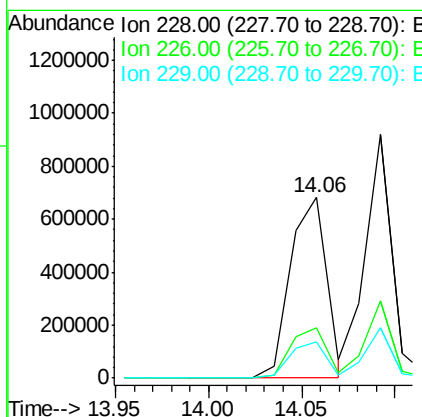
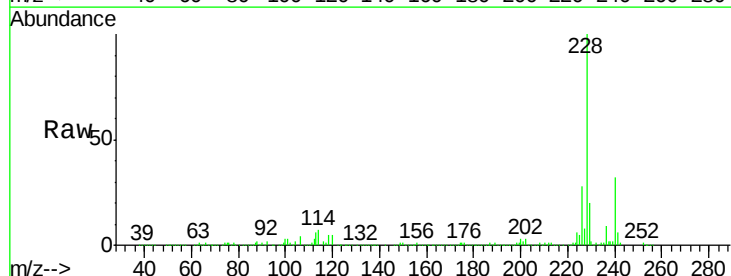
Manual Integrations
APPROVED

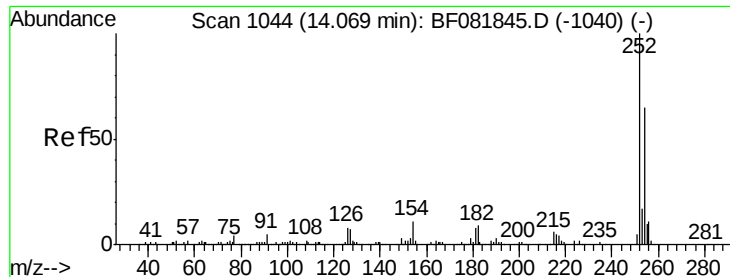
apatel
10/2/2015 9:01:11 AM



#80
Benzo(a)anthracene
Concen: 40.34 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	929963		
226	27.9	20.0	30.0	
229	19.9	15.4	23.2	





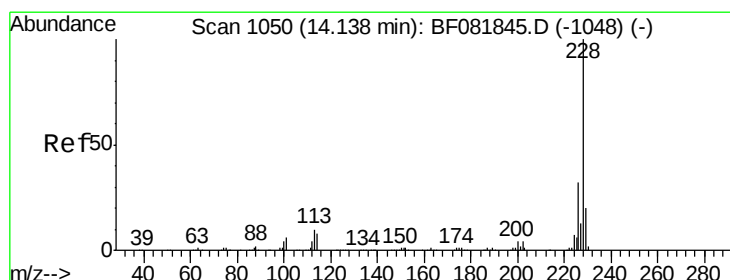
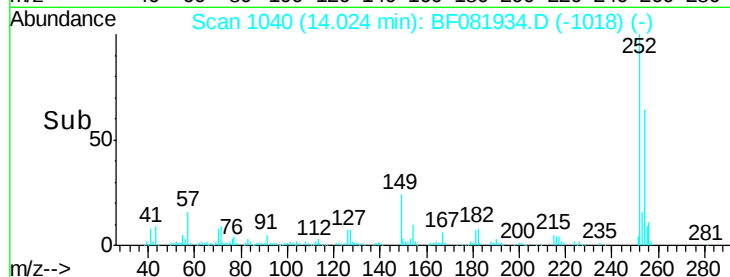
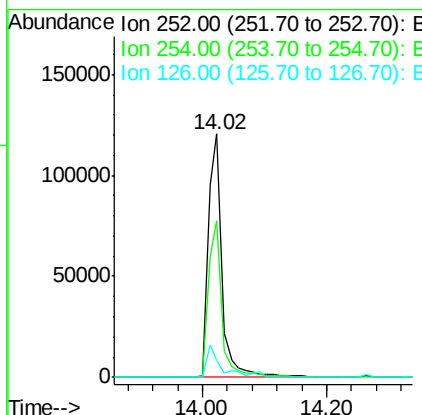
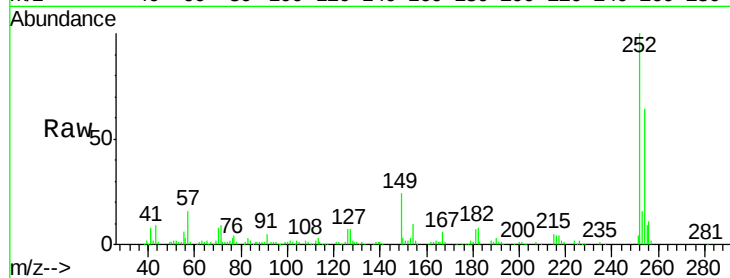
#81
 3,3'-Dichlorobenzidine
 Concen: 23.50 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.4	51.4	77.2
126	7.1	16.4	24.6

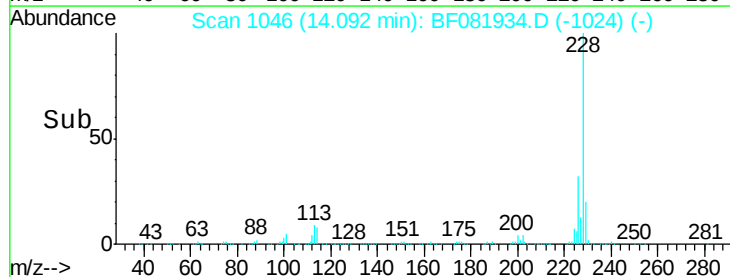
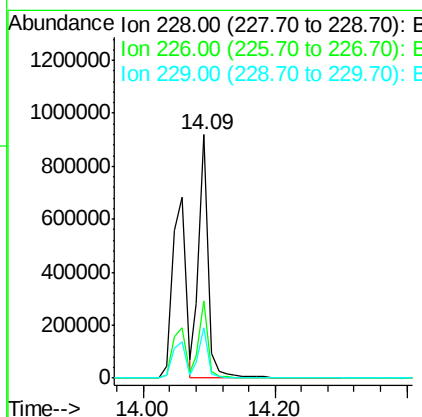
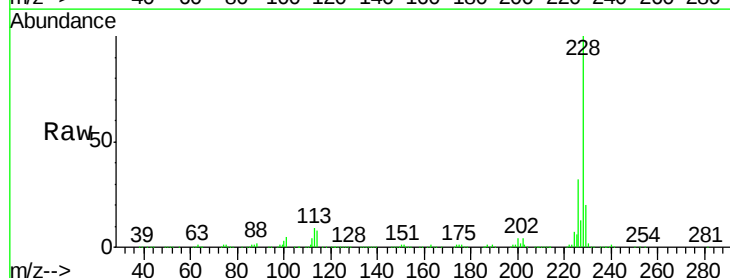
Manual Integrations
 APPROVED

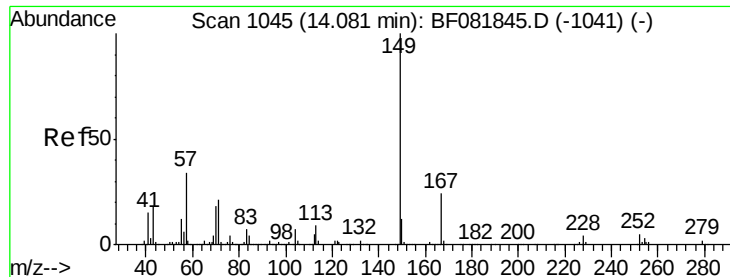
apatel
 10/2/2015 9:01:11 AM



#82
 Chrysene
 Concen: 51.48 ng m
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.04 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.9	21.0	31.4
229	20.4	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.64 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.05 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

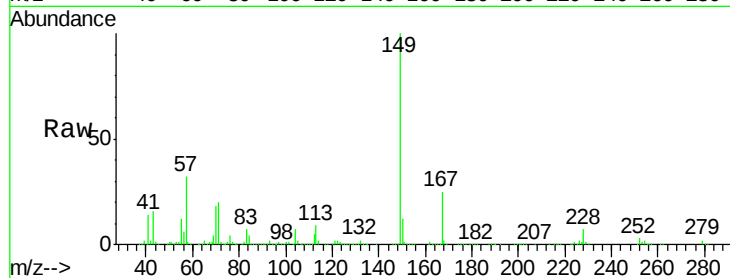
ClientSampleId :

PB85818BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	599249		
167	25.4	24.2	36.2	
279	2.4	3.8	5.6#	

Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM

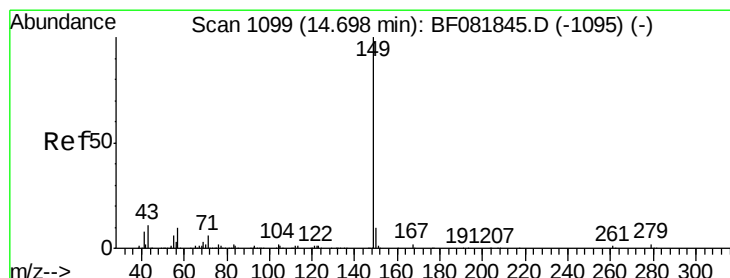
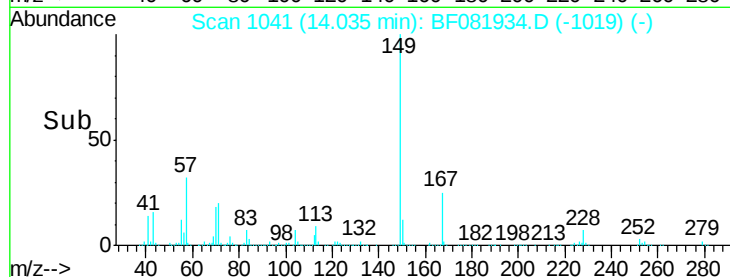
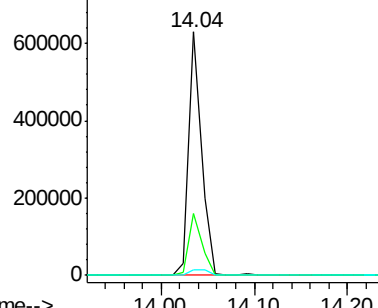


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.30 ng

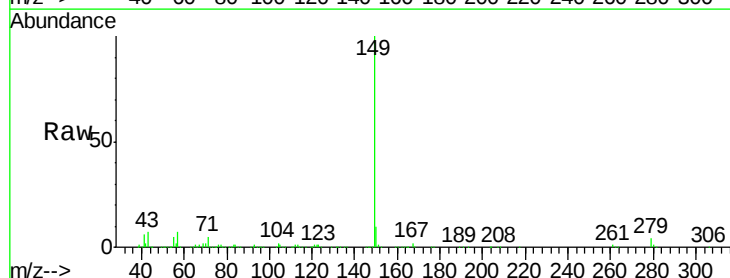
RT: 14.65 min Scan# 1095

Delta R.T. -0.05 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1047109		
167	1.6	1.0	1.6#	
43	8.8	10.2	15.2#	

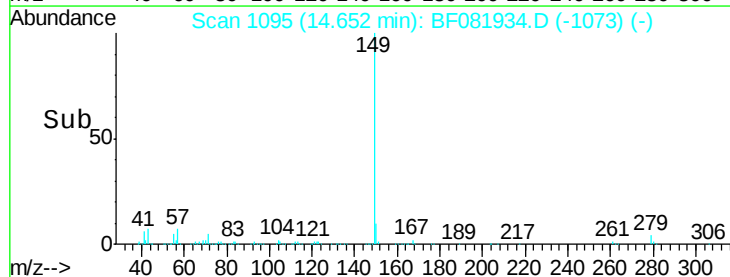
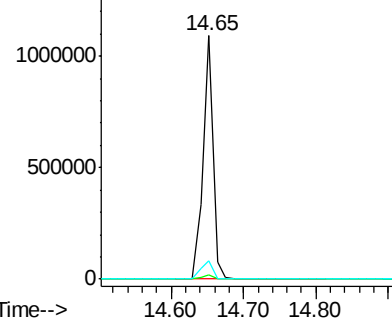


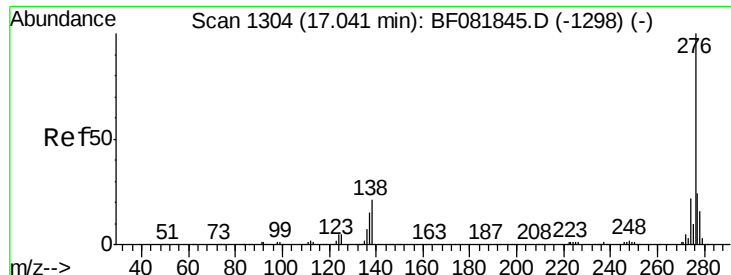
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





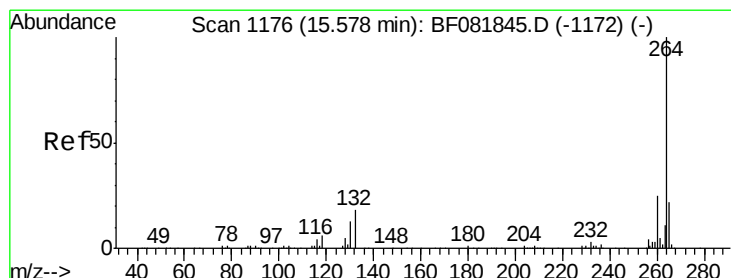
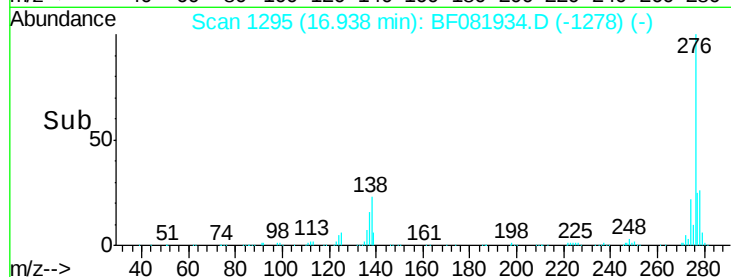
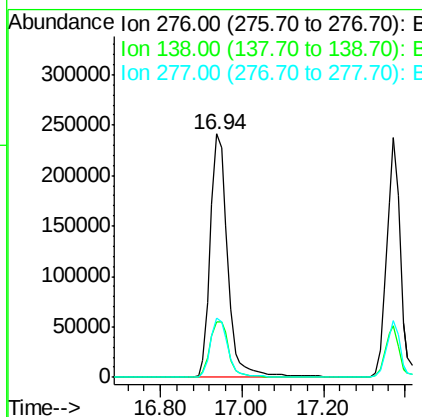
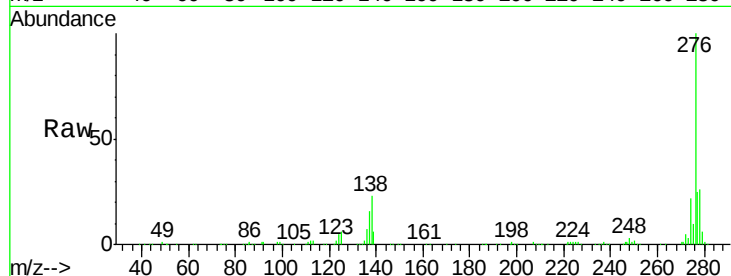
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.87 ng
 RT: 16.94 min Scan# 1295
 Delta R.T. -0.10 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	25.7	38.5#
277	24.8	15.6	23.4#

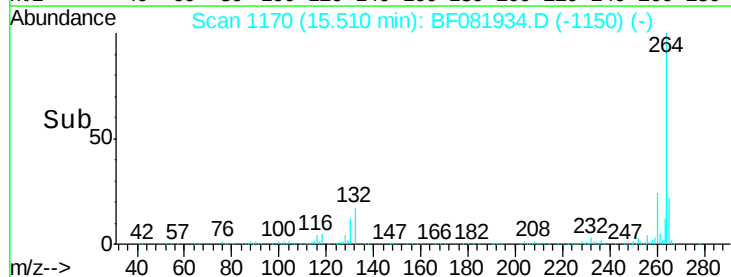
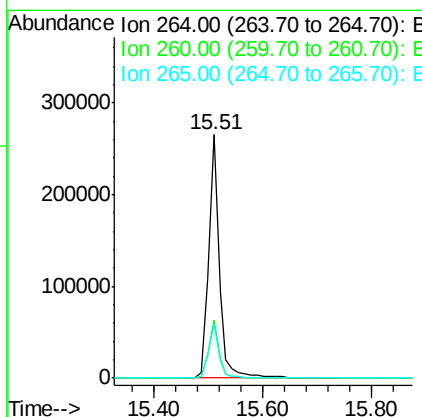
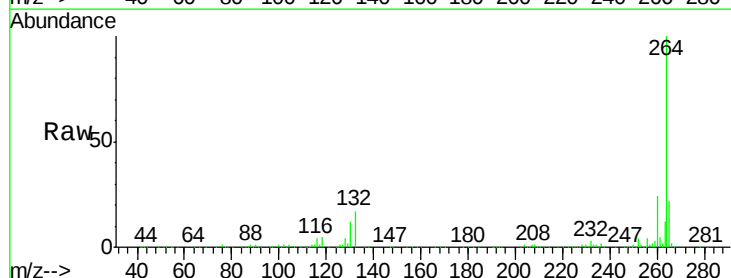
Manual Integrations
 APPROVED

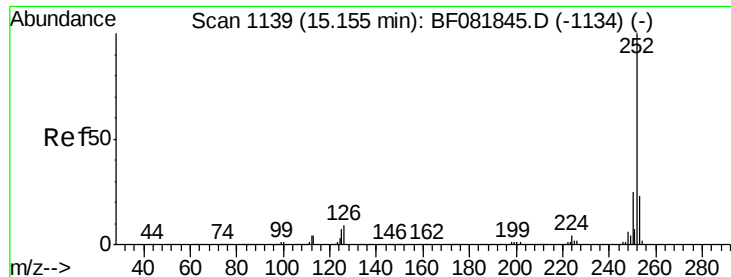
apatel
 10/2/2015 9:01:11 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.07 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.03 ng m

RT: 15.09 min Scan# 1133

Delta R.T. -0.07 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Instrument :

BNA_F

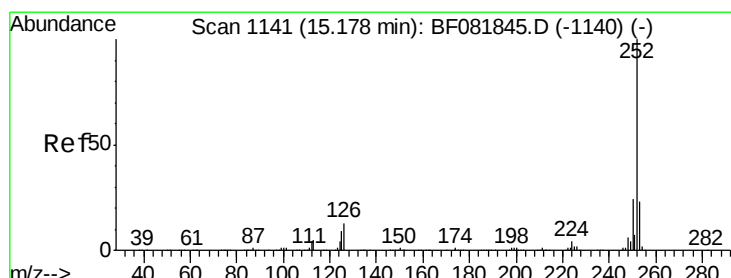
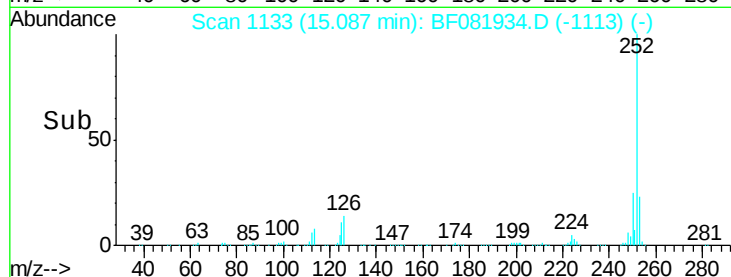
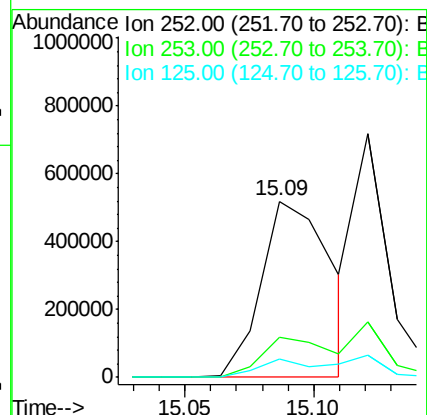
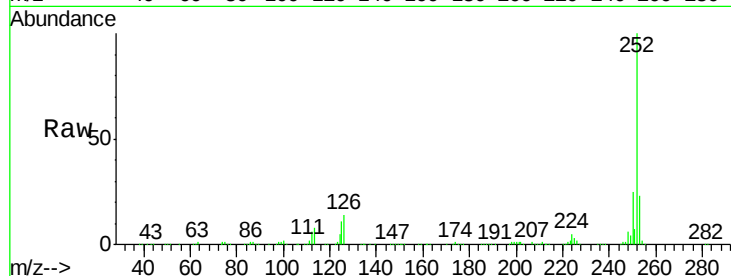
ClientSampleId :

PB85818BSD

Tgt Ion:	252	Resp:	983186
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.7	17.1	25.7#

Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM



#88

Benzo(k)fluoranthene

Concen: 36.86 ng m

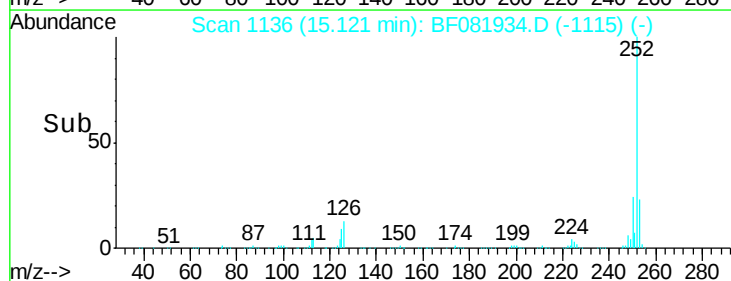
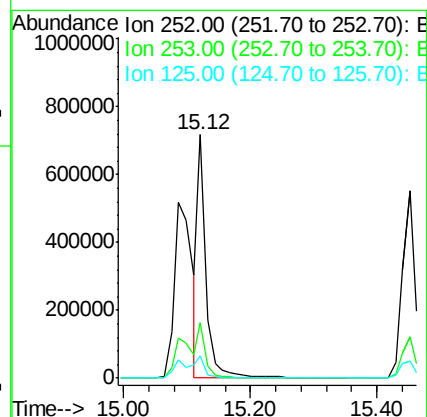
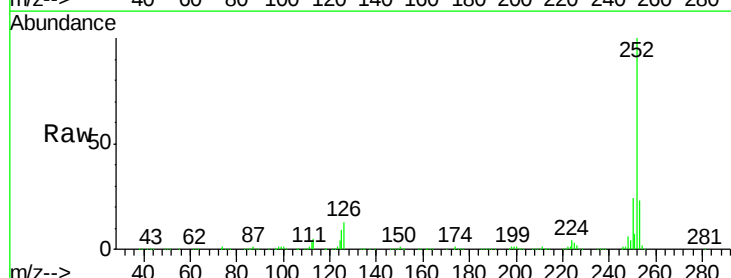
RT: 15.12 min Scan# 1136

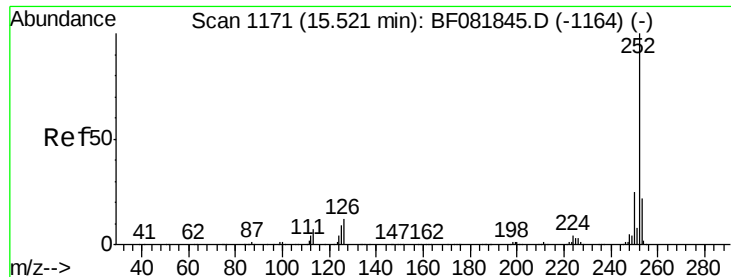
Delta R.T. -0.06 min

Lab File: BF081934.D

Acq: 1 Oct 2015 12:37

Tgt Ion:	252	Resp:	706201
Ion Ratio		Lower	Upper
252	100		
253	22.6	17.0	25.4
125	8.9	16.0	24.0#





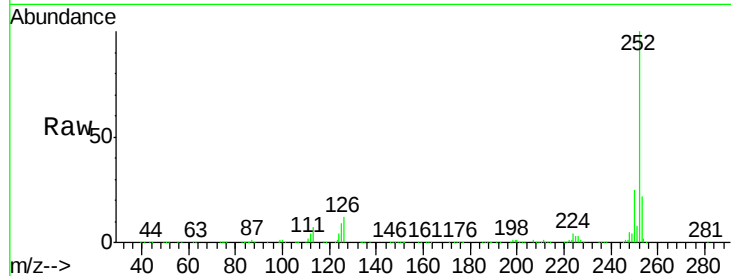
#89
Benzo(a)pyrene
Concen: 44.03 ng
RT: 15.45 min Scan# 1165
Delta R.T. -0.07 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Instrument :
BNA_F
ClientSampleId :
PB85818BSD

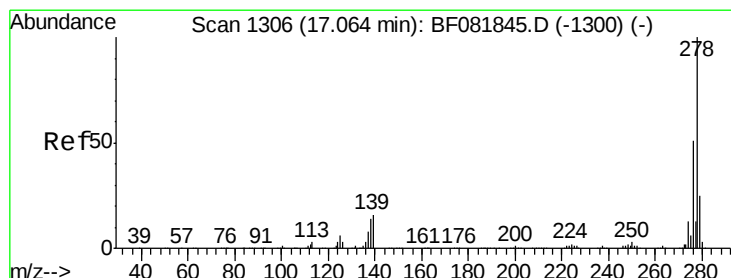
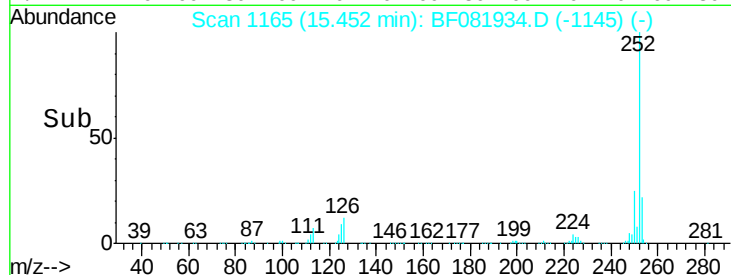
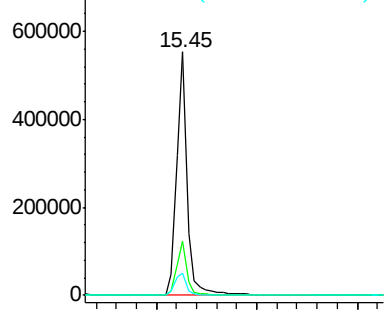
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	798479		
253	22.1	17.2	25.8	
125	9.0	18.0	27.0	

Manual Integrations
APPROVED

apatel
10/2/2015 9:01:11 AM

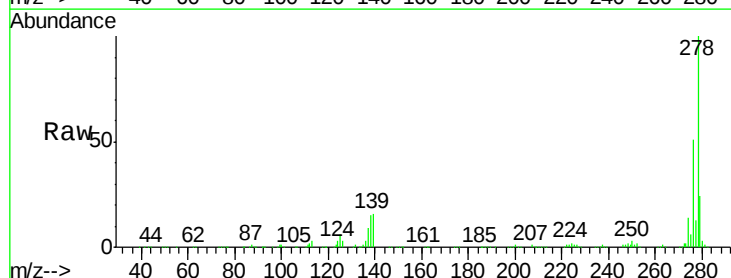


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

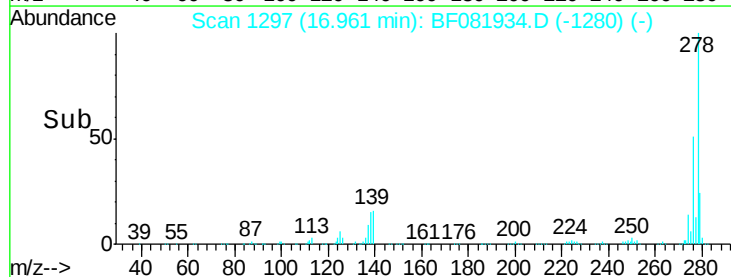
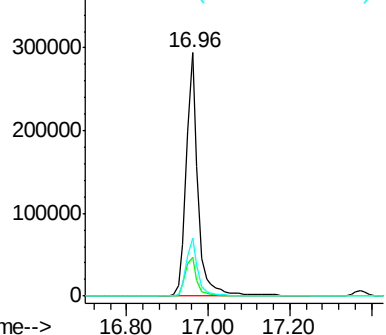


#90
Dibenzo(a,h)anthracene
Concen: 38.97 ng
RT: 16.96 min Scan# 1297
Delta R.T. -0.10 min
Lab File: BF081934.D
Acq: 1 Oct 2015 12:37

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	592869		
139	15.9	26.3	39.5	
279	24.0	18.2	27.4	



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 36.51 ng
 RT: 17.37 min Scan# 1333
 Delta R.T. -0.11 min
 Lab File: BF081934.D
 Acq: 1 Oct 2015 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	17.8	26.6
138	21.6	34.6	51.8#

Manual Integrations
 APPROVED

apatel
 10/2/2015 9:01:11 AM

