

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087036.D
 Acq On : 14 May 2016 23:05
 Operator : UM/SJ
 Sample : PB90419BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Manual Integrations
 APPROVED

sohil
 5/16/2016 6:58:42 PM

Quant Time: May 16 05:37:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	142547	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	578586	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	278169	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	543405	20.00	ng	0.00
75) Chrysene-d12	13.76	240	335859	20.00	ng	0.00
86) Perylene-d12	15.11	264	297467	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	869805	103.34	ng	0.01
7) Phenol-d6	6.28	99	1206800	107.28	ng	0.00
23) Nitrobenzene-d5	7.19	82	814417	70.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	350114	118.89	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1336253	80.73	ng	0.00
78) Terphenyl-d14	12.71	244	1171959	74.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	123410	29.86	ng	# 61
3) Pyridine	2.79	79	284104	28.12	ng	# 66
4) n-Nitrosodimethylamine	2.74	42	262825	35.88	ng	# 50
6) Aniline	6.28	93	173949	12.78	ng	# 6
8) 2-Chlorophenol	6.40	128	354633	34.92	ng	# 81
9) Benzaldehyde	6.17	77	23249	3.57	ng	96
10) Phenol	6.30	94	496410	37.13	ng	84
11) bis(2-Chloroethyl)ether	6.35	93	324851	31.16	ng	# 80
12) 1,3-Dichlorobenzene	6.55	146	367308	33.42	ng	# 93
13) 1,4-Dichlorobenzene	6.63	146	379881	33.89	ng	94
14) 1,2-Dichlorobenzene	6.78	146	324868m	33.25	ng	
15) Benzyl Alcohol	6.78	79	317520	40.88	ng	88
16) 2,2'-oxybis(1-Chloropropan	6.90	45	724293	31.95	ng	53
17) 2-Methylphenol	6.90	107	294305	36.41	ng	# 81
18) Hexachloroethane	7.12	117	144460	34.25	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	271785	34.57	ng	# 62
20) 3+4-Methylphenols	7.06	107	394214	37.35	ng	# 60
22) Acetophenone	7.04	105	521304	38.15	ng	# 95
24) Nitrobenzene	7.21	77	417729	35.24	ng	91
25) Isophorone	7.45	82	767010	35.88	ng	97
26) 2-Nitrophenol	7.53	139	182592	35.04	ng	95
27) 2,4-Dimethylphenol	7.59	122	318263	35.86	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	467520	40.54	ng	98
29) 2,4-Dichlorophenol	7.77	162	290494	37.19	ng	93
30) 1,2,4-Trichlorobenzene	7.84	180	309452	35.43	ng	95
31) Naphthalene	7.92	128	997619	34.42	ng	99
32) Benzoic acid	7.74	122	168193	32.27	ng	85
33) 4-Chloroaniline	7.99	127	109457	9.72	ng	# 94
34) Hexachlorobutadiene	8.04	225	183244	36.16	ng	99
35) Caprolactam	8.36	113	96912m	36.46	ng	
36) 4-Chloro-3-methylphenol	8.49	107	331607	35.00	ng	90
37) 2-Methylnaphthalene	8.62	142	706840	41.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	277500	34.31	ng	98
40) Hexachlorocyclopentadiene	8.76	237	213575	55.64	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087036.D
 Acq On : 14 May 2016 23:05
 Operator : UM/SJ
 Sample : PB90419BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

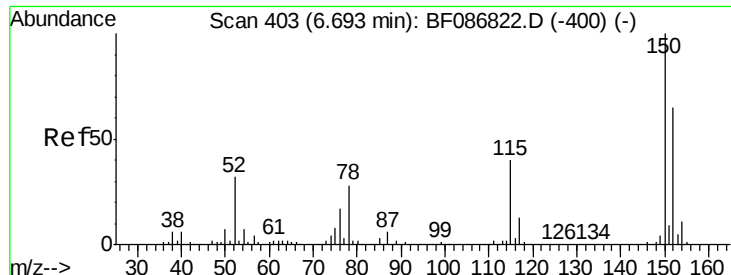
Manual Integrations
 APPROVED

sohil
 5/16/2016 6:58:42 PM

Quant Time: May 16 05:37:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	187812	34.73	ng	94
43) 2,4,5-Trichlorophenol	8.96	196	185078	33.09	ng	95
45) 1,1'-Biphenyl	9.08	154	837635	37.86	ng	99
46) 2-Chloronaphthalene	9.10	162	619290	35.73	ng	92
47) 2-Nitroaniline	9.21	65	245858	38.81	ng	# 73
48) Acenaphthylene	9.51	152	956604	37.52	ng	99
49) Dimethylphthalate	9.39	163	801791	37.78	ng	99
50) 2,6-Dinitrotoluene	9.45	165	153898	34.46	ng	# 70
51) Acenaphthene	9.68	154	572777	36.11	ng	98
52) 3-Nitroaniline	9.62	138	80677	17.16	ng	# 80
53) 2,4-Dinitrophenol	9.74	184	82733	40.46	ng	87
54) Dibenzofuran	9.85	168	830048	40.77	ng	91
55) 4-Nitrophenol	9.82	139	149000m	49.38	ng	
56) 2,4-Dinitrotoluene	9.86	165	216226	39.12	ng	# 83
57) Fluorene	10.19	166	613863	35.35	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	174240	41.38	ng	96
59) Diethylphthalate	10.09	149	793700	38.38	ng	97
60) 4-Chlorophenyl-phenylether	10.19	204	321985	41.90	ng	93
61) 4-Nitroaniline	10.24	138	164601	36.45	ng	# 72
62) Azobenzene	10.35	77	958360	42.95	ng	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	76995	22.81	ng	# 30
65) n-Nitrosodiphenylamine	10.32	169	653015	39.12	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	193186	35.06	ng	# 87
67) Hexachlorobenzene	10.74	284	235464	36.57	ng	# 89
68) Atrazine	10.86	200	207821	37.26	ng	95
69) Pentachlorophenol	10.95	266	179656	60.37	ng	96
70) Phenanthrene	11.15	178	1102535	38.02	ng	100
71) Anthracene	11.20	178	1006818	33.95	ng	100
72) Carbazole	11.37	167	968110	37.97	ng	99
73) Di-n-butylphthalate	11.70	149	1161610	37.31	ng	# 99
74) Fluoranthene	12.33	202	1017961	34.13	ng	97
76) Benzidine	12.47	184	146795	17.14	ng	96
77) Pyrene	12.56	202	1093542	42.53	ng	100
79) Butylbenzylphthalate	13.19	149	469125	43.13	ng	# 76
80) Benzo(a)anthracene	13.75	228	755921	40.09	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	122420	10.22	ng	# 98
82) Chrysene	13.78	228	800480	41.74	ng	100
83) Bis(2-ethylhexyl)phthalate	13.75	149	566148	43.27	ng	# 95
84) Di-n-octyl phthalate	14.35	149	983694	45.39	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.35	276	672552	42.15	ng	95
87) Benzo(b)fluoranthene	14.74	252	649066m	33.57	ng	
88) Benzo(k)fluoranthene	14.77	252	627010m	39.61	ng	
89) Benzo(a)pyrene	15.06	252	617646	37.04	ng	# 96
90) Dibenzo(a,h)anthracene	16.37	278	559809	39.83	ng	97
91) Benzo(g,h,i)perylene	16.73	276	571308	40.01	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF087036.D

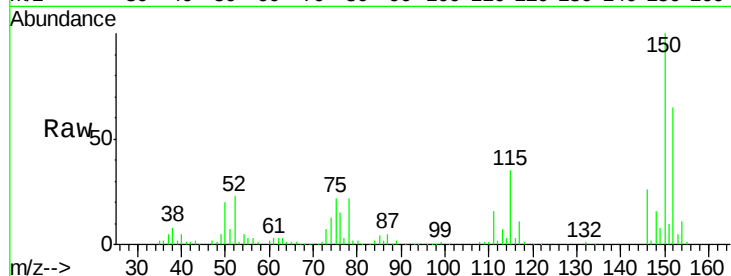
Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS



Tgt Ion: 152 Resp: 142547

Ion Ratio Lower Upper

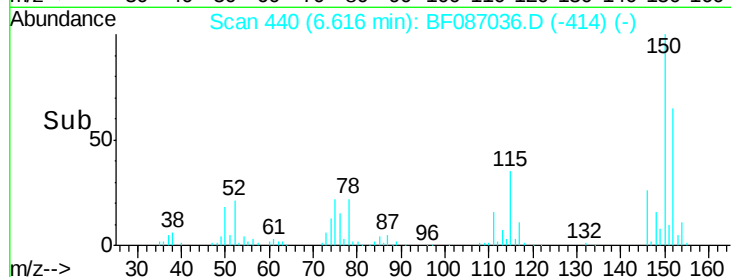
152 100

150 154.0 125.8 188.6

115 53.2 51.5 77.3

Manual Integrations
APPROVED

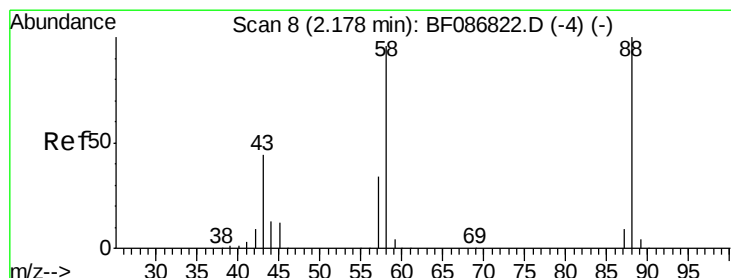
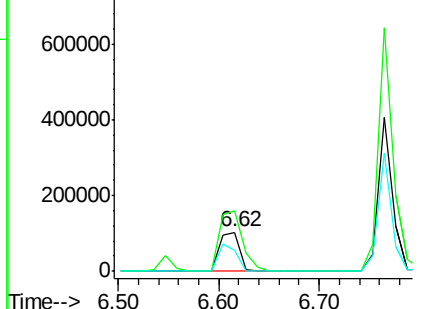
sohil
5/16/2016 6:58:42 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.86 ng

RT: 2.15 min Scan# 49

Delta R.T. 0.09 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

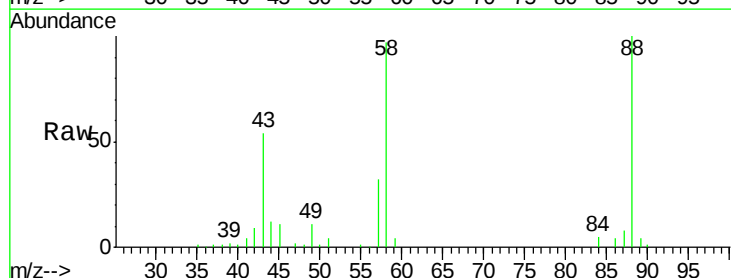
Tgt Ion: 88 Resp: 123410

Ion Ratio Lower Upper

88 100

58 102.0 59.6 89.4#

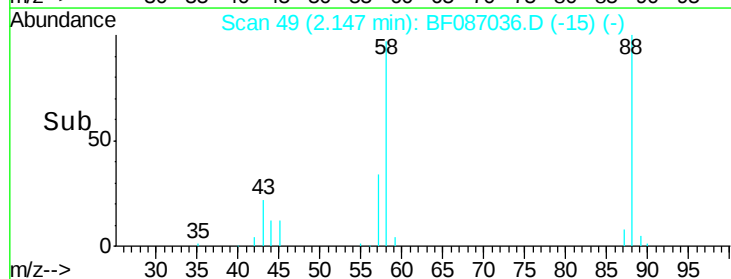
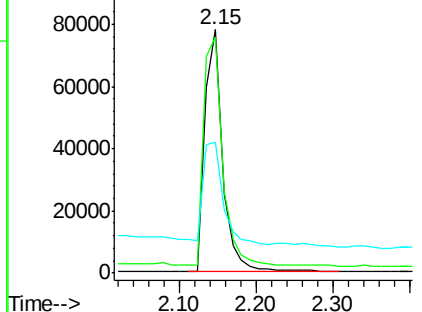
43 55.9 21.8 32.6#

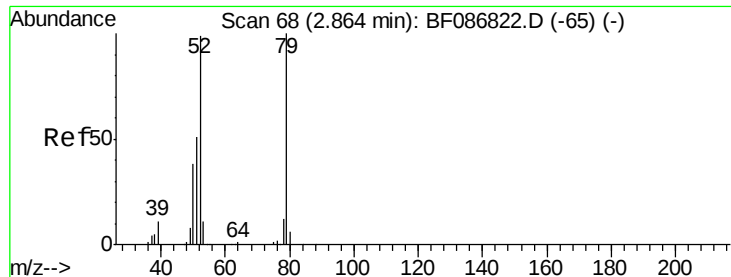


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.12 ng

RT: 2.79 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF087036.D

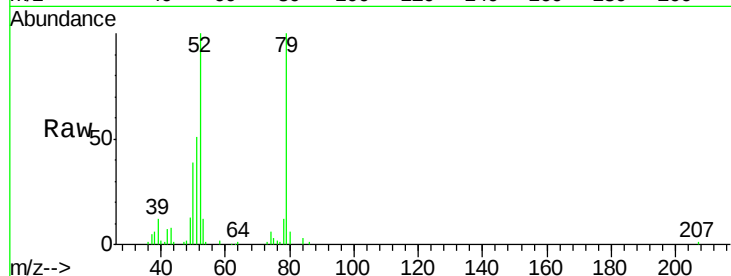
Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

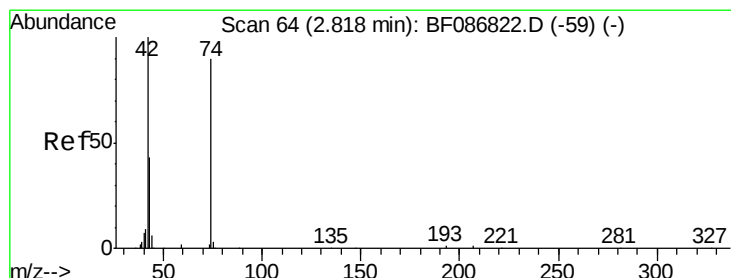
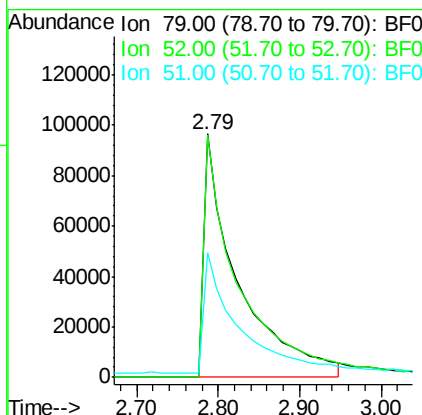
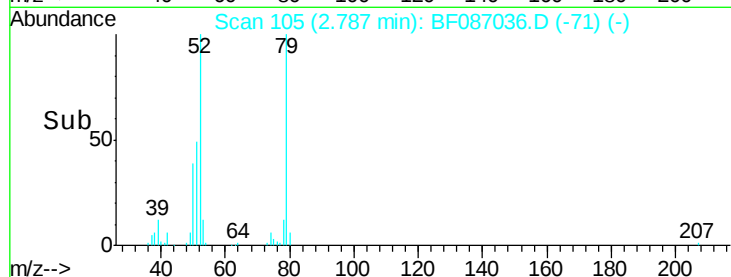
PB90419BS



Tgt Ion	Ratio	Lower	Upper
79	100		
52	99.7	55.9	83.9#
51	51.4	28.1	42.1#

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#4

n-Nitrosodimethylamine

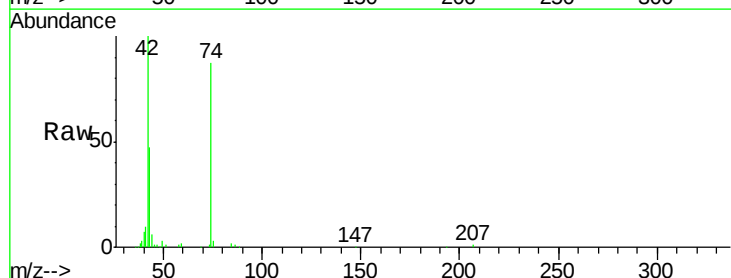
Concen: 35.88 ng

RT: 2.74 min Scan# 101

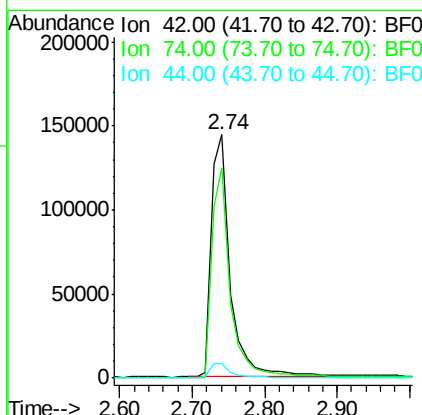
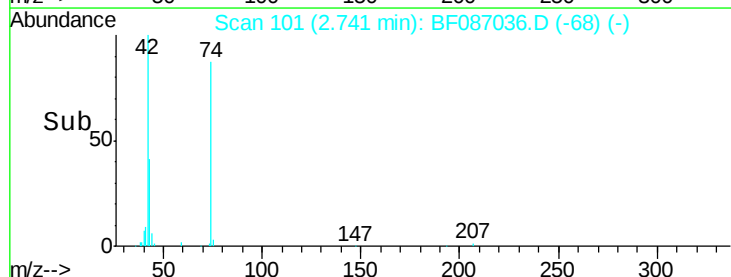
Delta R.T. 0.08 min

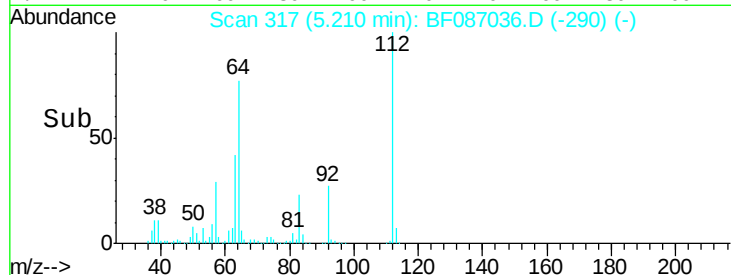
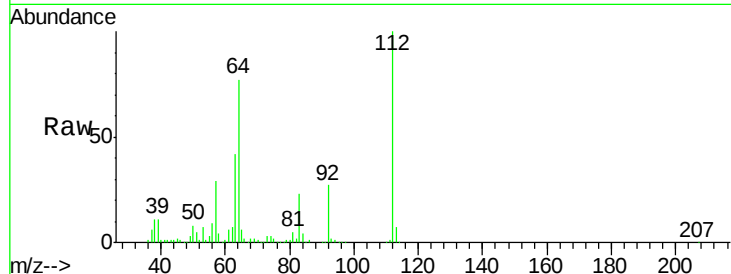
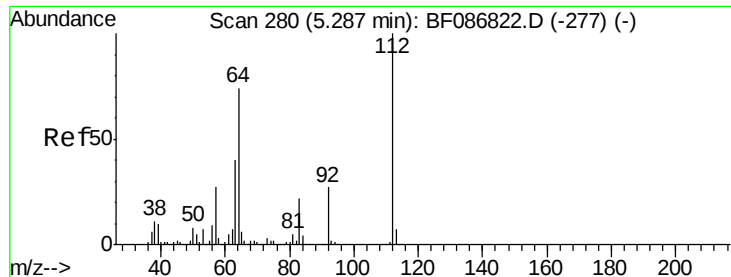
Lab File: BF087036.D

Acq: 14 May 2016 23:05



Tgt Ion	Ratio	Lower	Upper
42	100		
74	86.6	123.4	185.0#
44	6.0	5.8	8.6





#5

2-Fluorophenol

Concen: 103.34 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087036.D

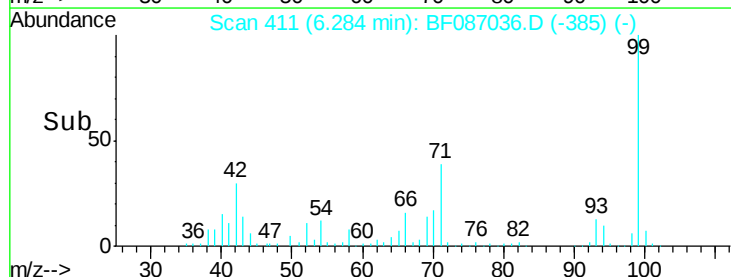
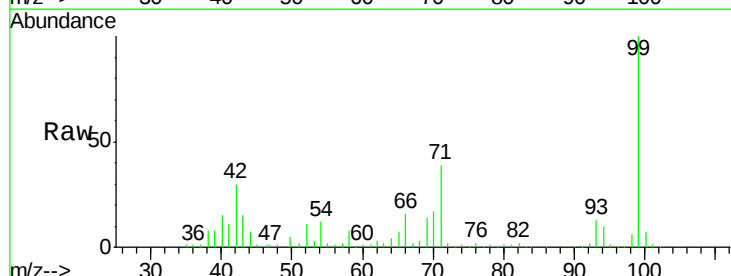
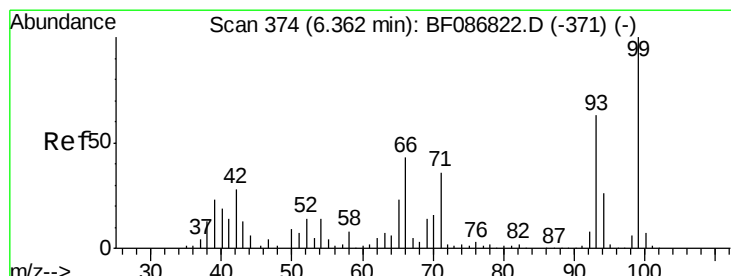
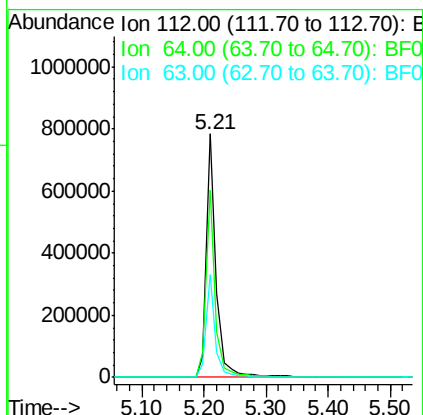
Acq: 14 May 2016 23:05

Tgt Ion:	112	Resp:	869805
Ion Ratio	Lower	Upper	
112	100		
64	77.0	52.1	78.1
63	42.2	25.7	38.5#

Instrument :
BNA_F
ClientSampled :
PB90419BS

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#6

Aniline

Concen: 12.78 ng

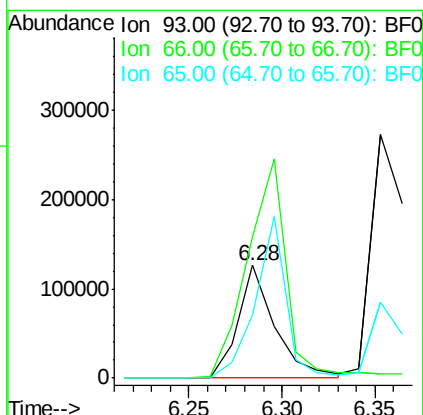
RT: 6.28 min Scan# 411

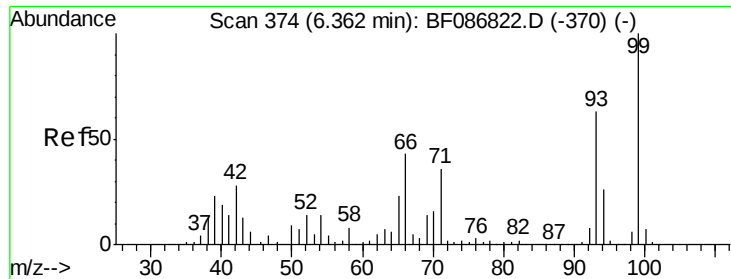
Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Tgt Ion:	93	Resp:	173949
Ion Ratio	Lower	Upper	
93	100		
66	125.3	39.0	58.6#
65	55.6	20.6	31.0#





#7

Phenol-d6

Concen: 107.28 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

Tgt Ion: 99 Resp: 1206800

Ion Ratio Lower Upper

99 100

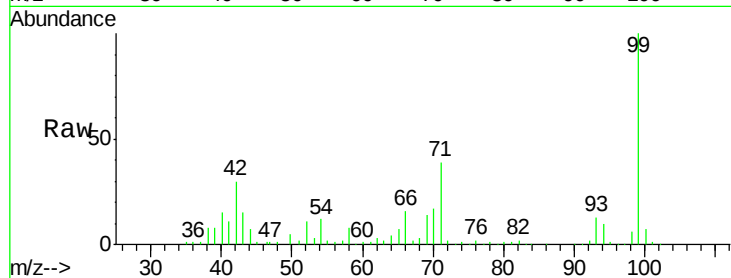
42 30.0 13.6 20.4#

71 39.2 24.6 36.8#

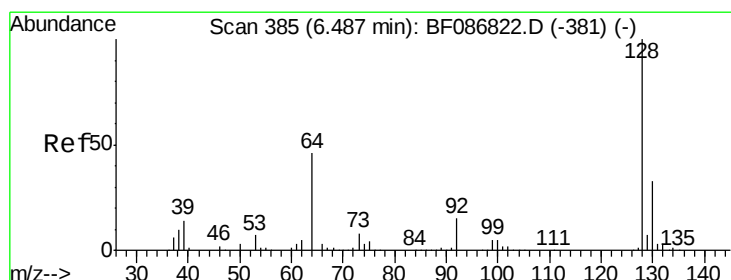
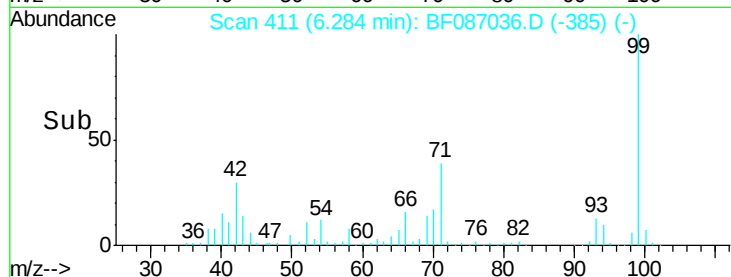
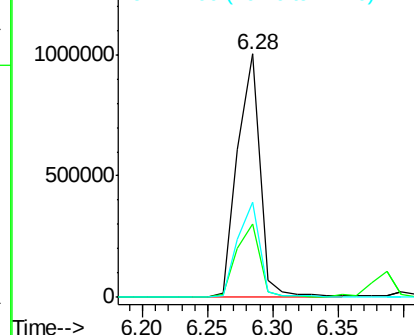
Manual Integrations
APPROVED

sohil

5/16/2016 6:58:42 PM



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



#8

2-Chlorophenol

Concen: 34.92 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

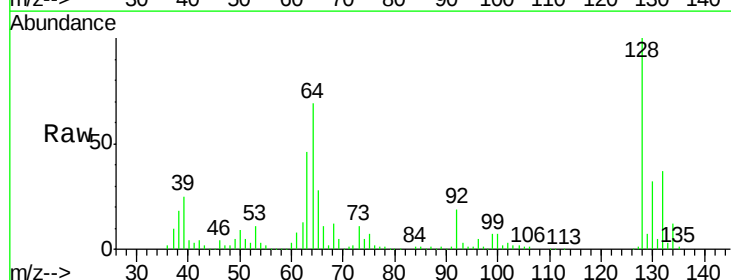
Tgt Ion: 128 Resp: 354633

Ion Ratio Lower Upper

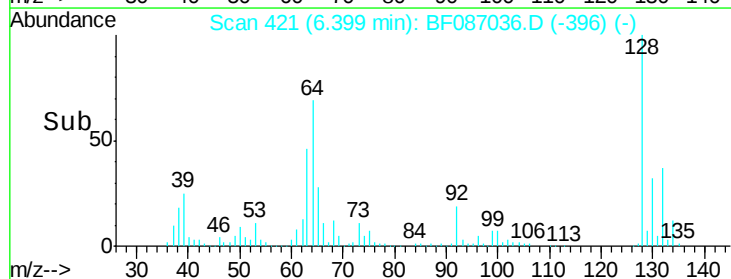
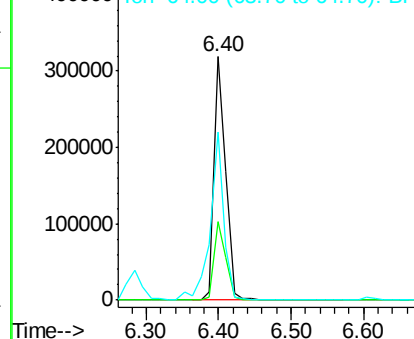
128 100

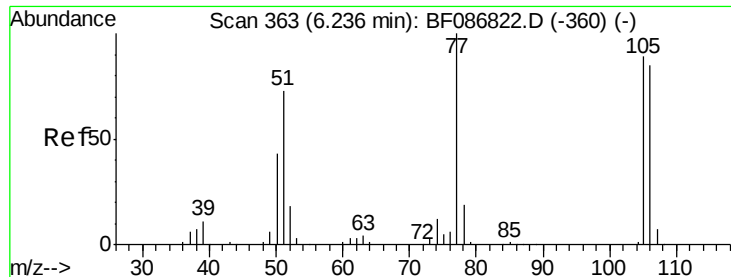
130 32.1 12.5 52.5

64 69.0 27.3 67.3#



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: 3.57 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF087036.D

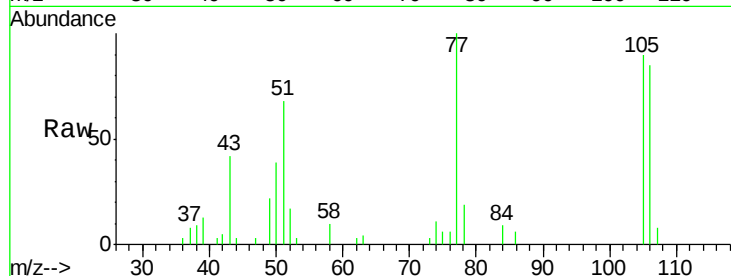
Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampled :

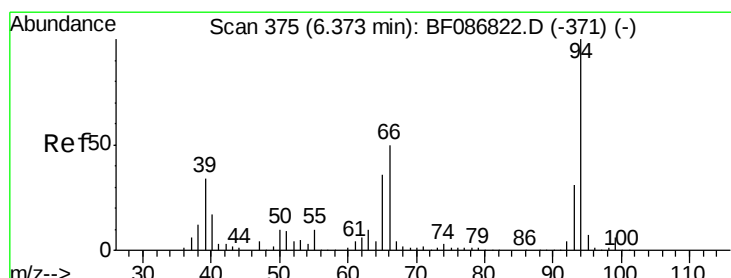
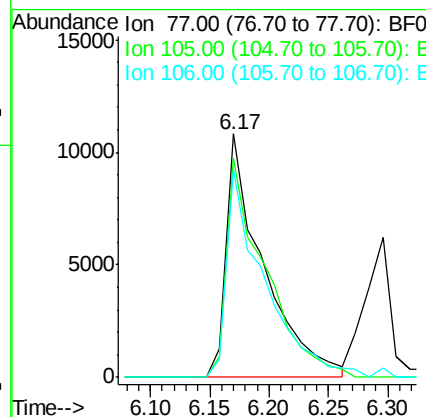
PB90419BS



Tgt Ion:	77	Resp:	23249
Ion	Ratio	Lower	Upper
77	100		
105	90.3	72.7	112.7
106	85.3	70.8	110.8

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#10

Phenol

Concen: 37.13 ng

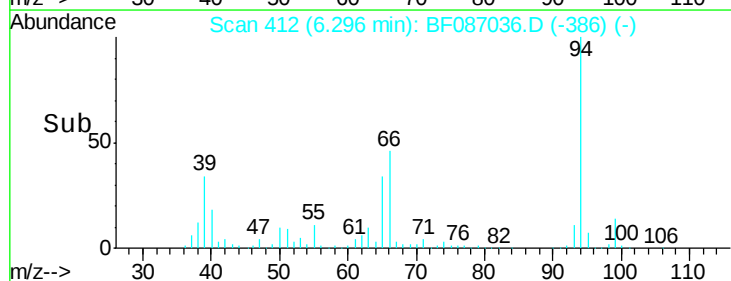
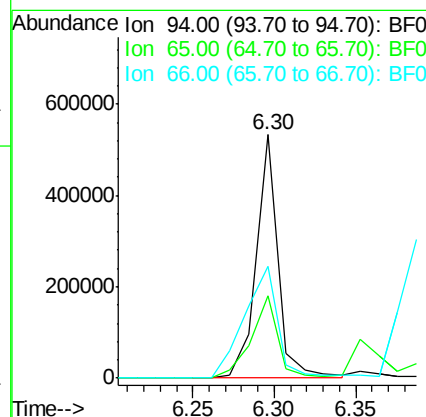
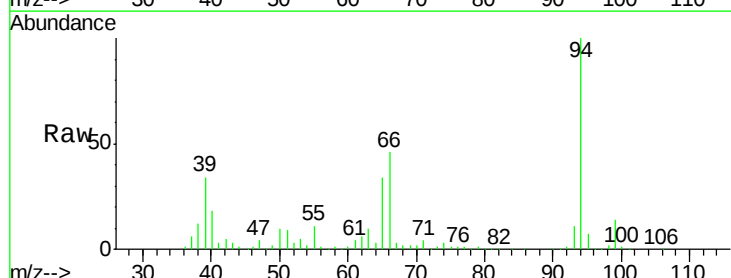
RT: 6.30 min Scan# 412

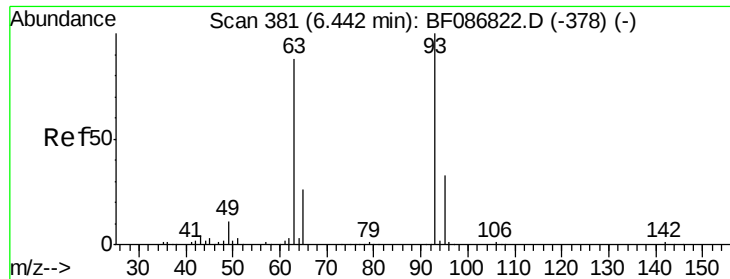
Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Tgt Ion:	94	Resp:	496410
Ion	Ratio	Lower	Upper
94	100		
65	34.0	7.2	47.2
66	46.0	14.9	54.9





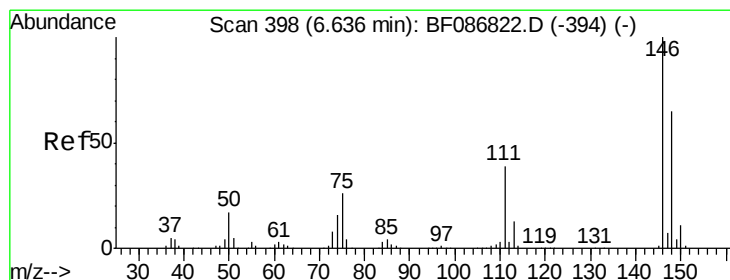
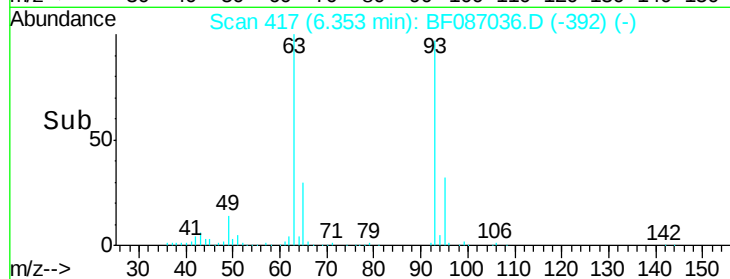
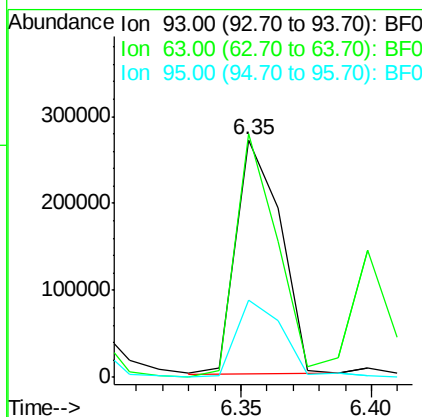
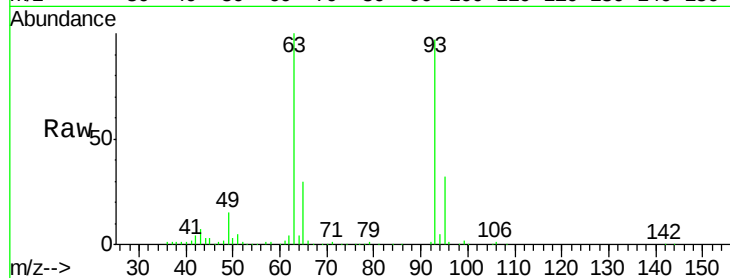
#11
bis(2-Chloroethyl)ether
Concen: 31.16 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion:	93	Resp:	324851
Ion Ratio	Lower	Upper	
93	100		
63	102.6	58.0	98.0#
95	32.5	11.9	51.9

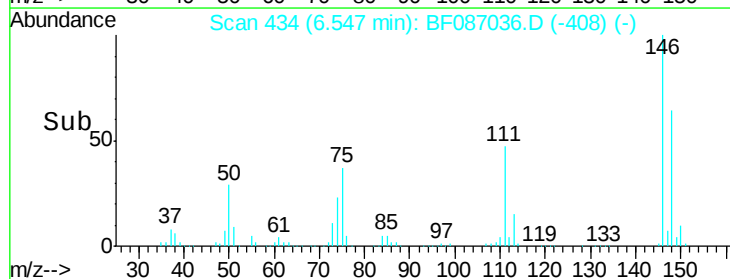
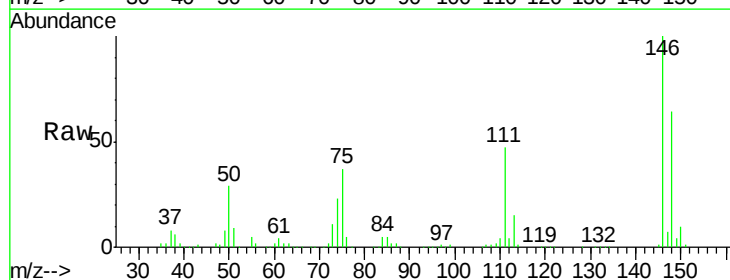
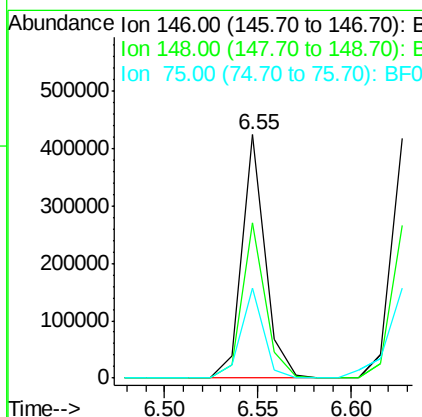
Manual Integrations
APPROVED

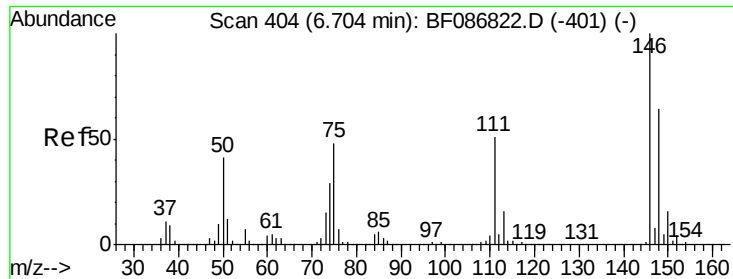
sohil
5/16/2016 6:58:42 PM



#12
1,3-Dichlorobenzene
Concen: 33.42 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion:	146	Resp:	367308
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.4	78.6
75	37.1	22.8	34.2#





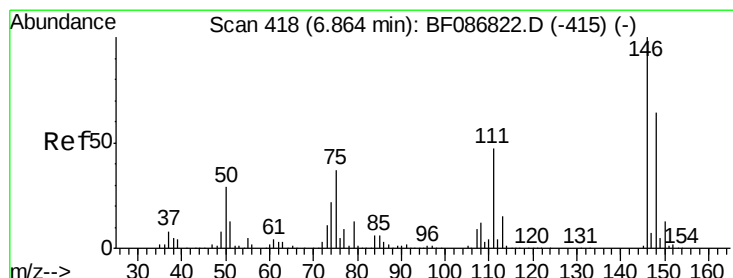
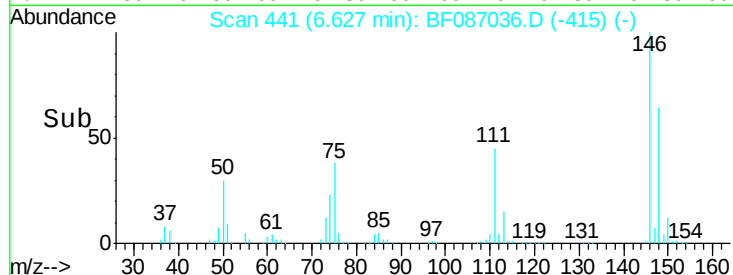
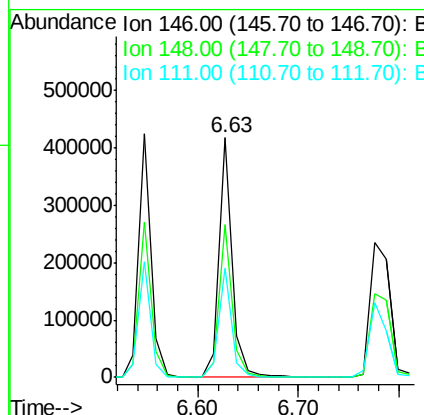
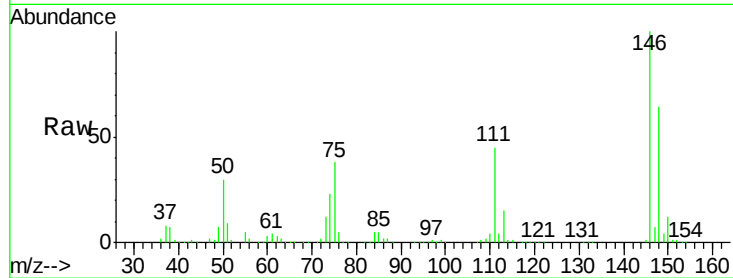
#13
 1,4-Dichlorobenzene
 Concen: 33.89 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampled :
 PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	379881		
148	63.5	52.2	78.4	
111	45.3	30.7	46.1	

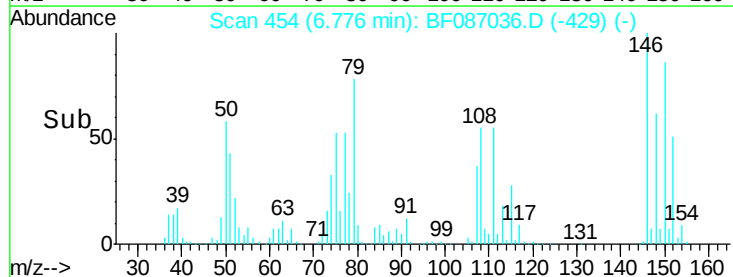
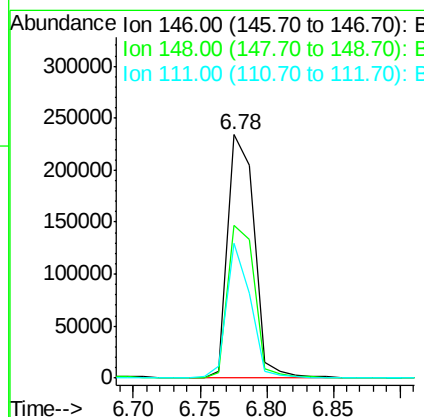
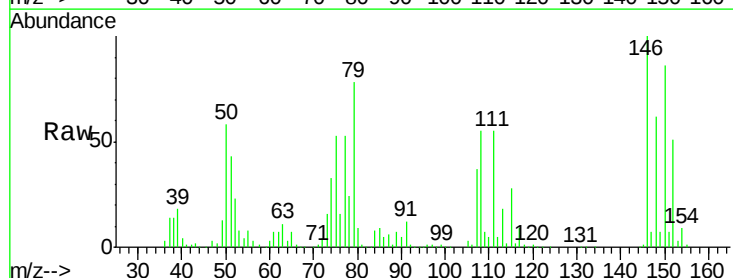
Manual Integrations
 APPROVED

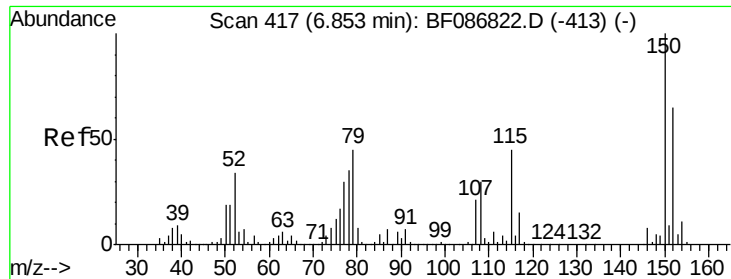
sohil
 5/16/2016 6:58:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.25 ng m
 RT: 6.78 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	324868		
148	62.5	51.0	76.6	
111	55.5	36.2	54.4#	





#15

Benzyl Alcohol

Concen: 40.88 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

Tgt Ion: 79 Resp: 317520
Ion Ratio Lower Upper

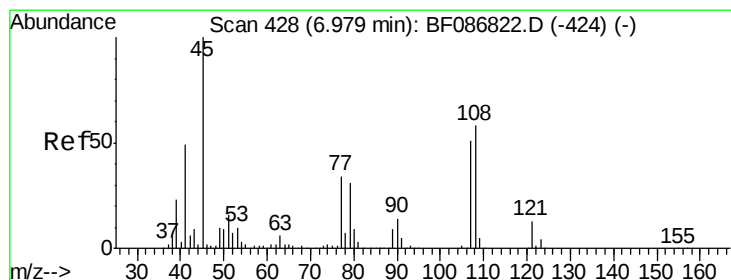
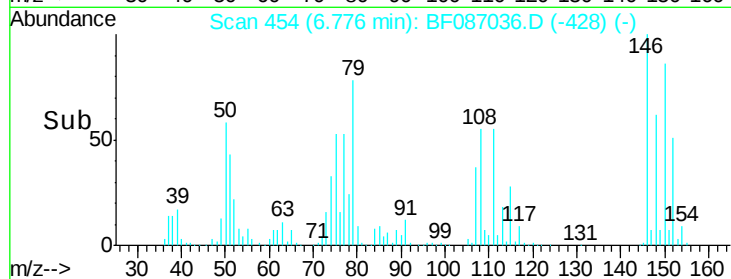
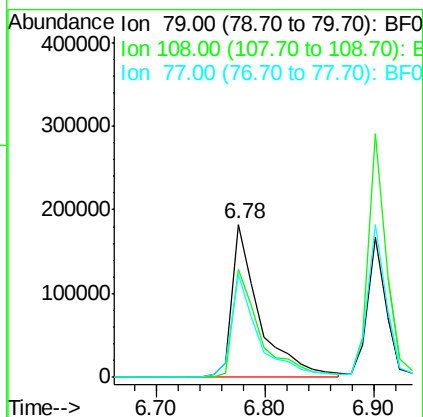
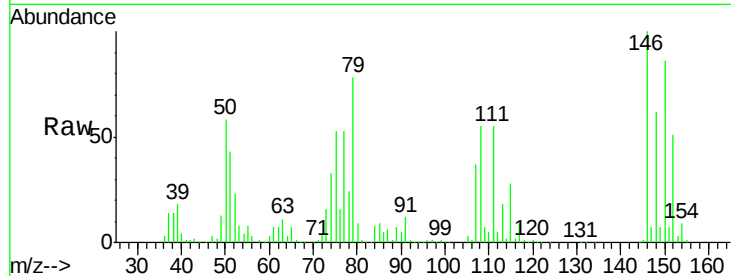
79 100

108 70.3 68.4 102.6

77 67.6 50.6 76.0

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.95 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF087036.D

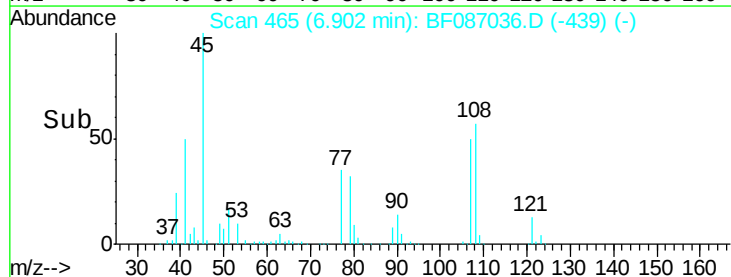
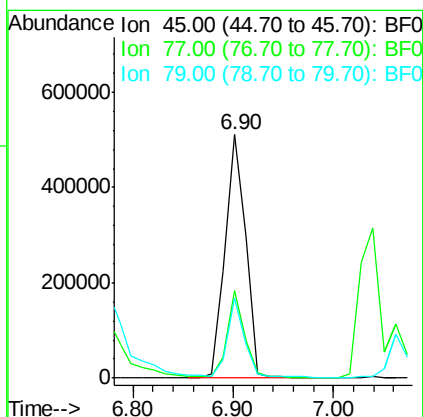
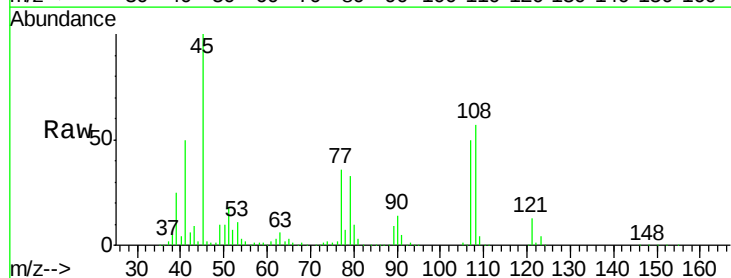
Acq: 14 May 2016 23:05

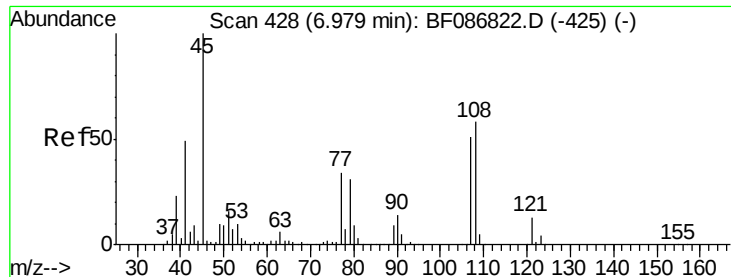
Tgt Ion: 45 Resp: 724293
Ion Ratio Lower Upper

45 100

77 35.7 0.0 36.4

79 32.8 0.0 33.4





#17

2-Methylphenol

Concen: 36.41 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

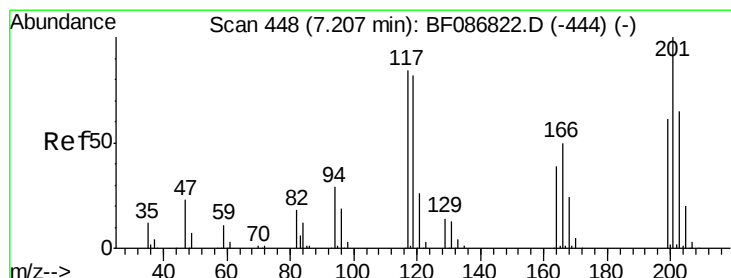
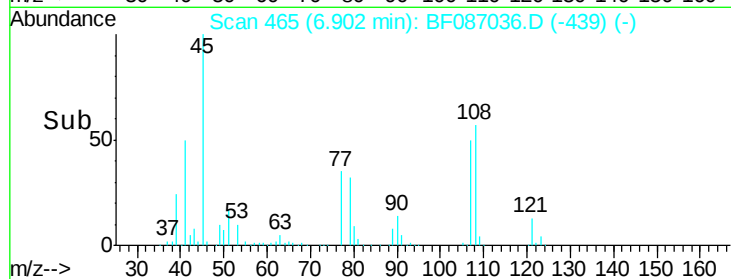
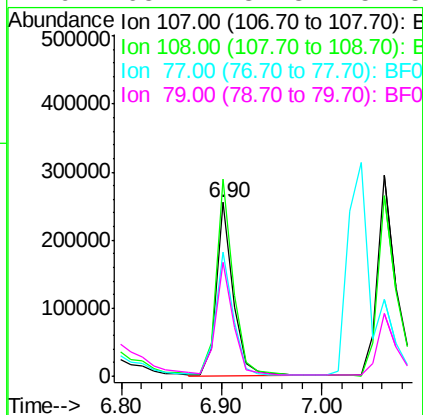
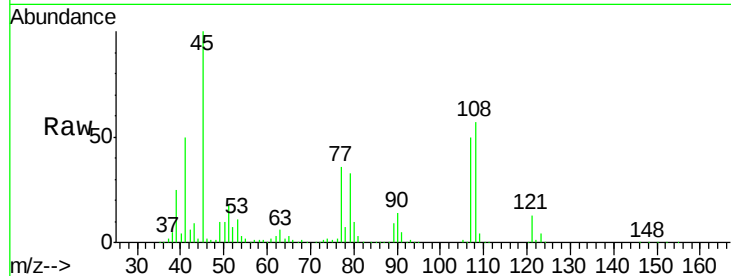
ClientSampleId :

PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	294305		
108	114.0	93.7	140.5	
77	71.5	33.4	50.0#	
79	65.7	34.3	51.5#	

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#18

Hexachloroethane

Concen: 34.25 ng

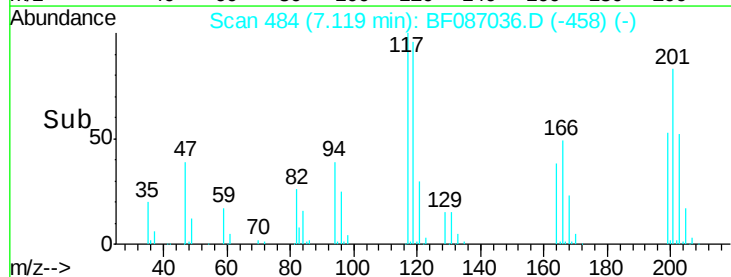
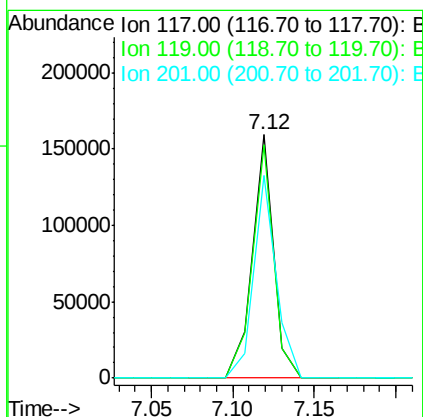
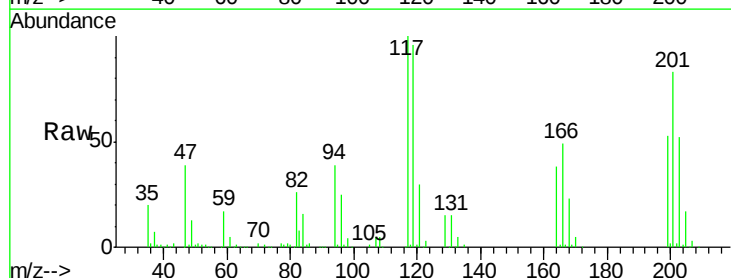
RT: 7.12 min Scan# 484

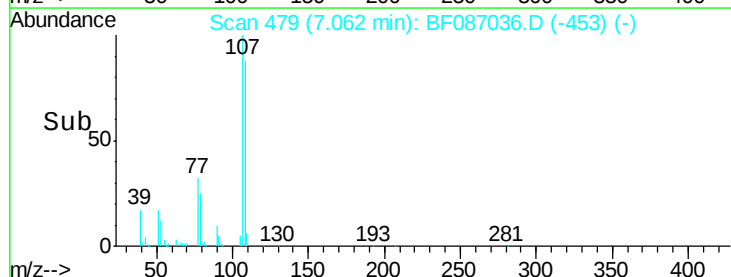
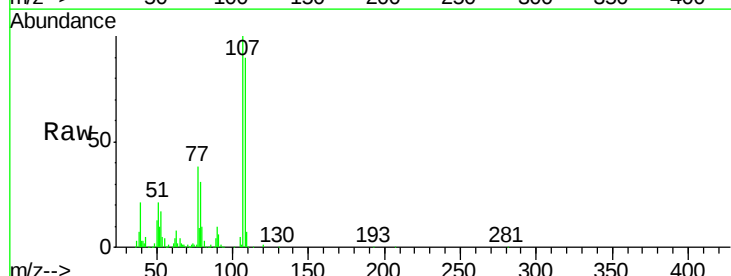
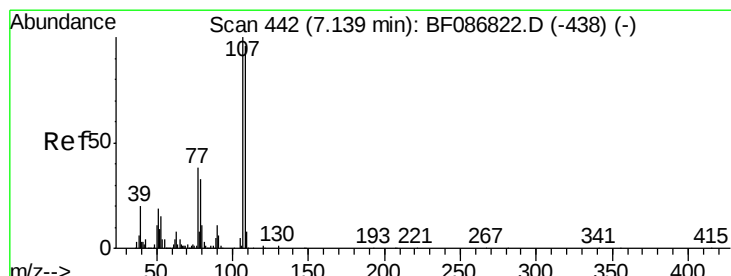
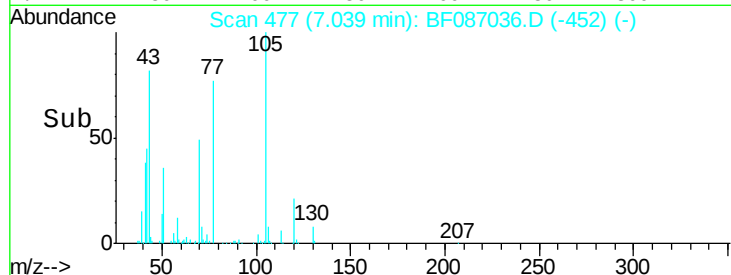
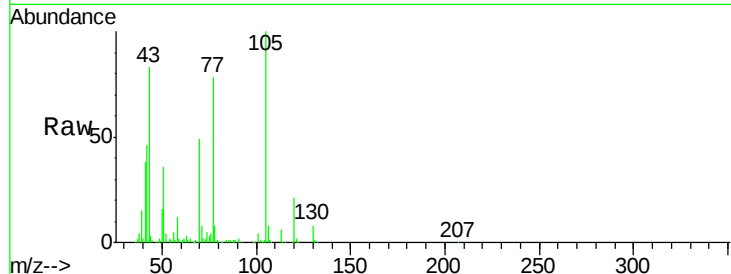
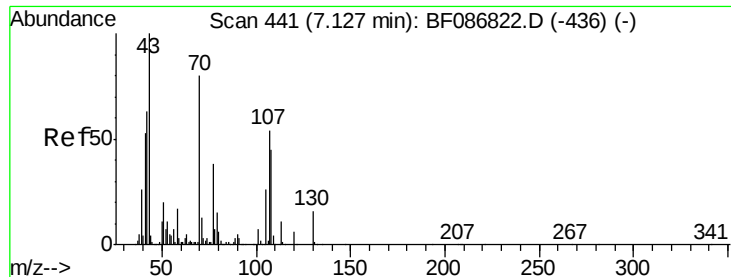
Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	144460		
119	95.8	76.5	114.7	
201	83.3	63.0	94.6	





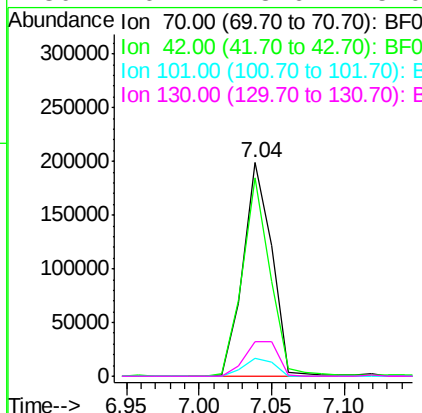
#19
n-Nitroso-di-n-propylamine
Concen: 34.57 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	92.8	43.1	64.7#
101	8.1	8.1	12.1
130	16.2	18.6	28.0#

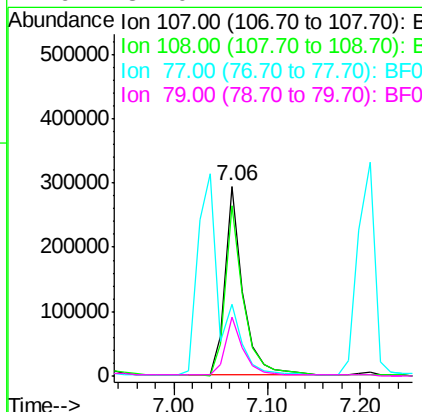
Manual Integrations
APPROVED

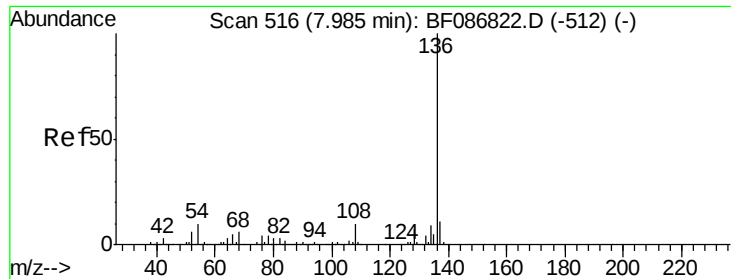
sohil
5/16/2016 6:58:42 PM



#20
3+4-Methylphenols
Concen: 37.35 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	89.9	68.5	108.5
77	38.1	101.6	141.6#
79	31.0	7.4	47.4





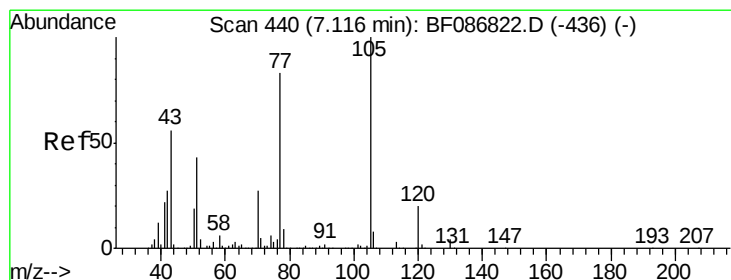
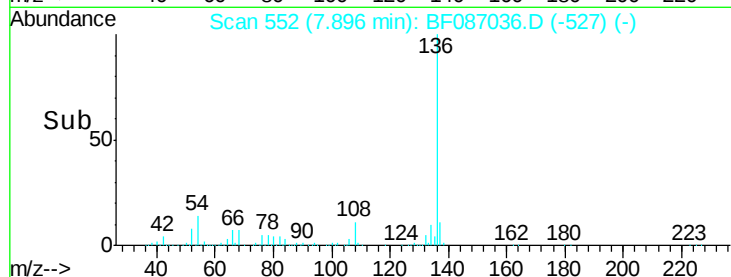
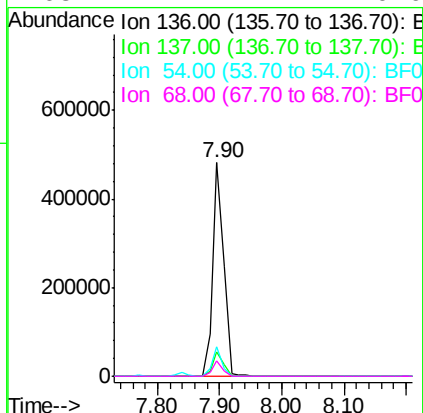
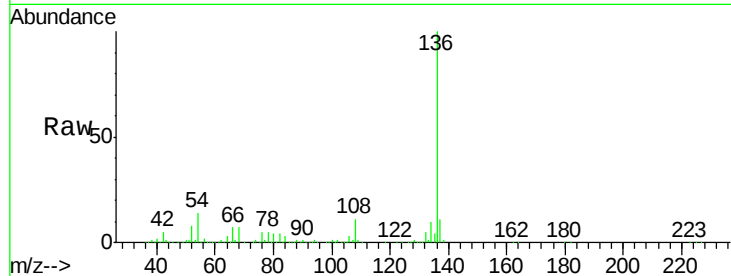
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	578586		
137	11.3	8.8	13.2	
54	14.0	5.0	7.4#	
68	7.1	4.4	6.6#	

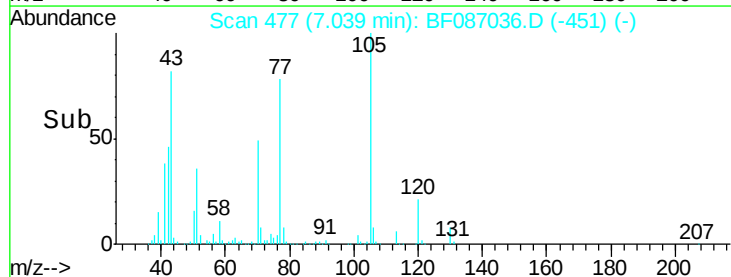
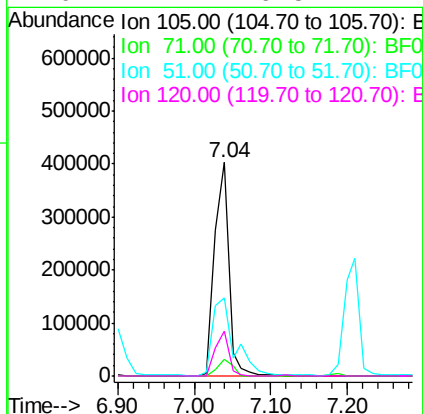
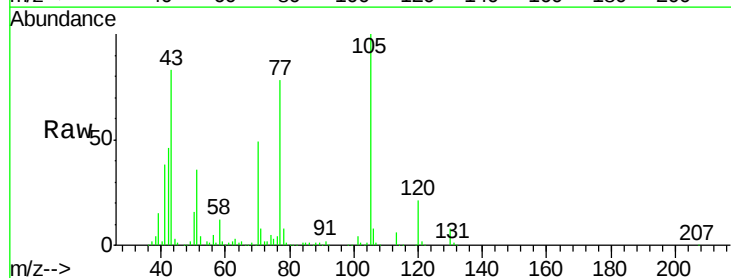
Manual Integrations
APPROVED

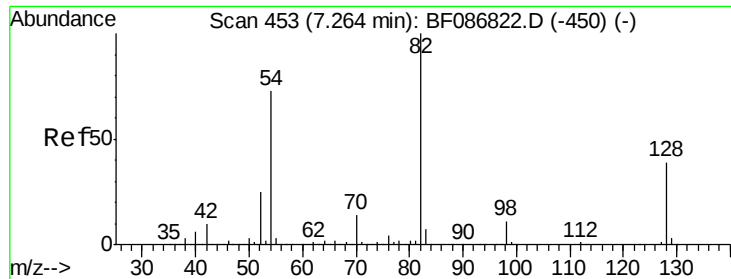
sohil
5/16/2016 6:58:42 PM



#22
Acetophenone
Concen: 38.15 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	521304		
71	7.9	4.8	7.2#	
51	36.4	32.6	49.0	
120	21.1	16.5	24.7	





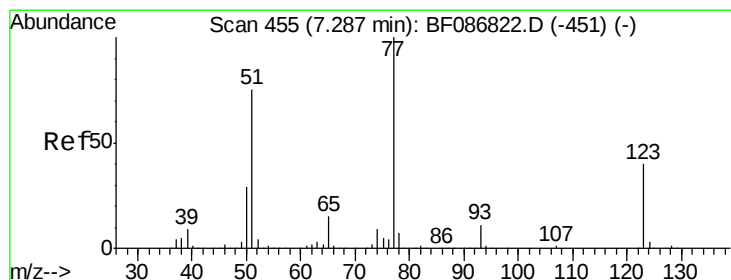
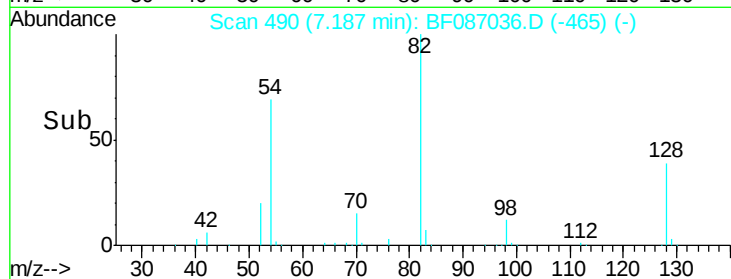
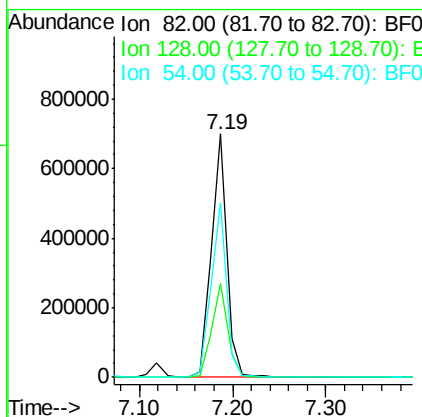
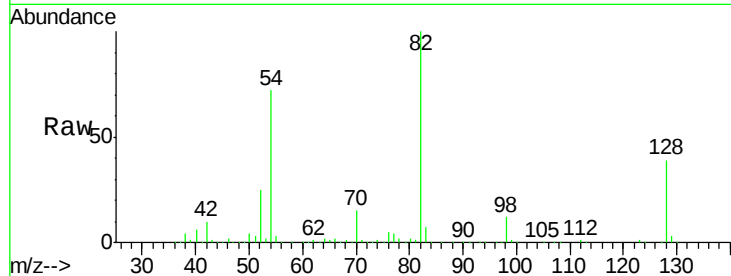
#23
 Nitrobenzene-d5
 Concen: 70.68 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	38.6	40.6	61.0#
54	71.6	38.1	57.1#

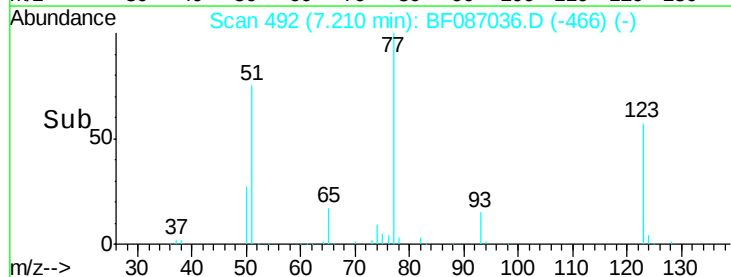
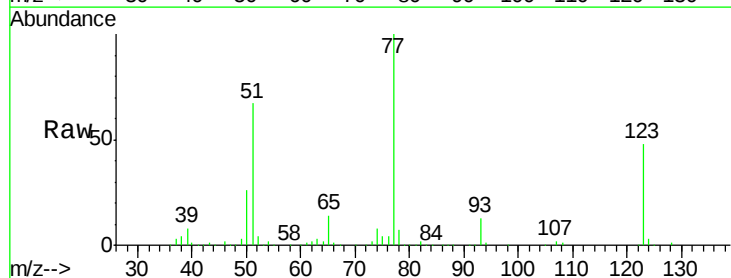
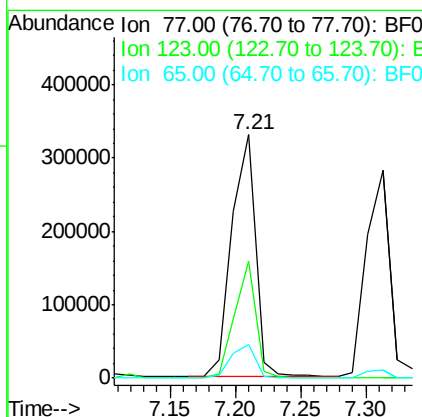
Manual Integrations
 APPROVED

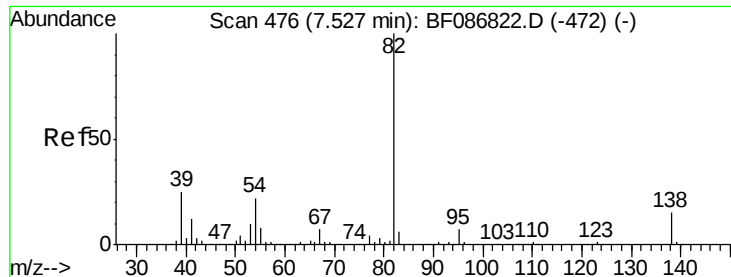
sohil
 5/16/2016 6:58:42 PM



#24
 Nitrobenzene
 Concen: 35.24 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	48.1	33.0	49.4
65	14.1	10.8	16.2





#25

Isophorone

Concen: 35.88 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

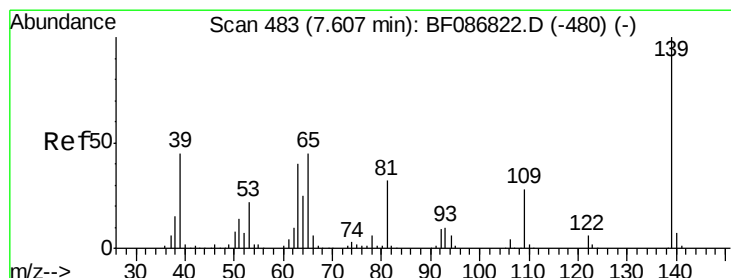
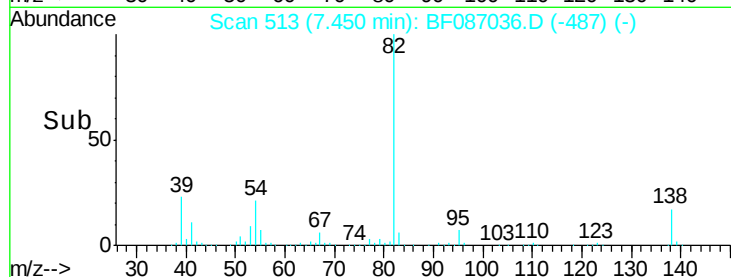
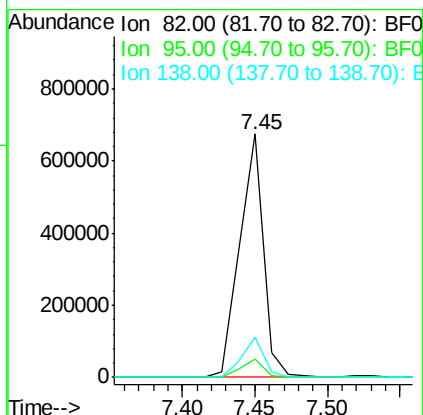
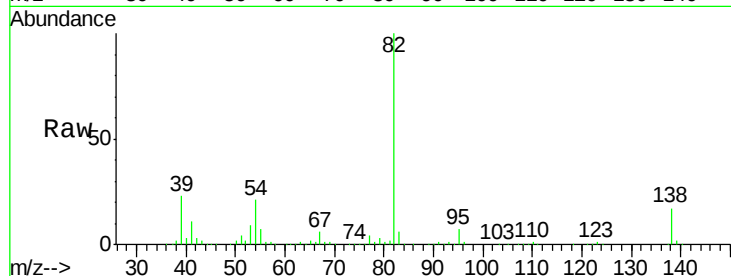
ClientSampleId :

PB90419BS

Tgt Ion:	82	Resp:	767010
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.1	7.7
138	16.5	12.4	18.6

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#26

2-Nitrophenol

Concen: 35.04 ng

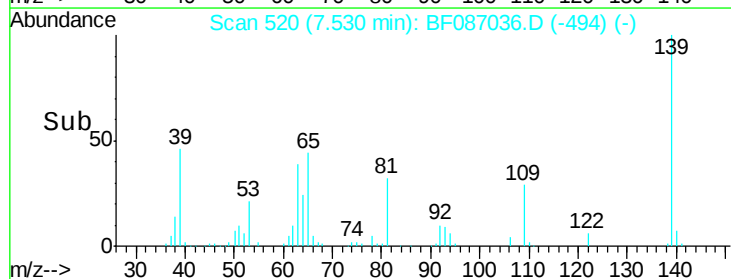
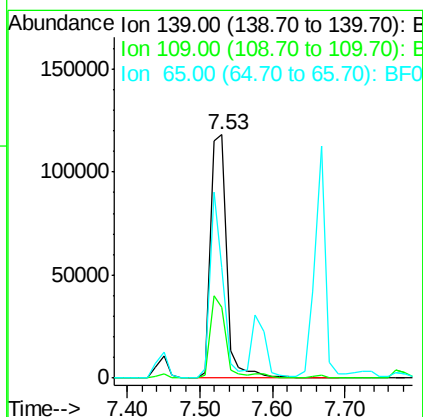
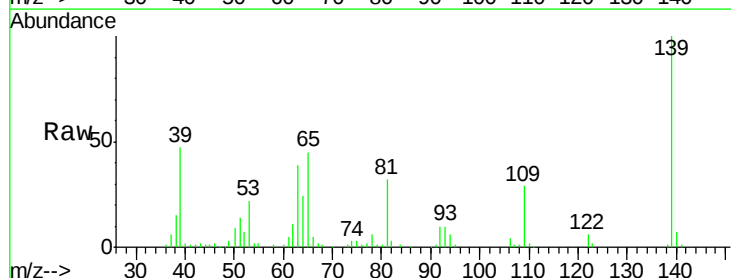
RT: 7.53 min Scan# 520

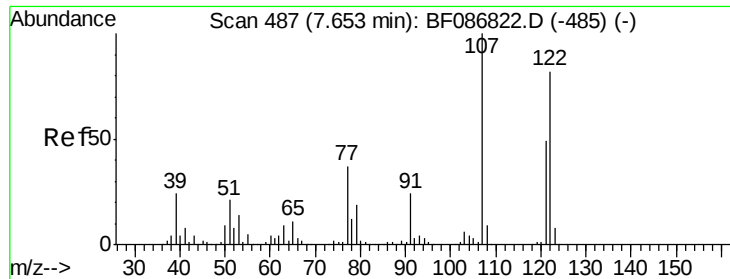
Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Tgt Ion:	139	Resp:	182592
Ion Ratio	Lower	Upper	
139	100		
109	29.0	19.5	29.3
65	45.3	37.5	56.3





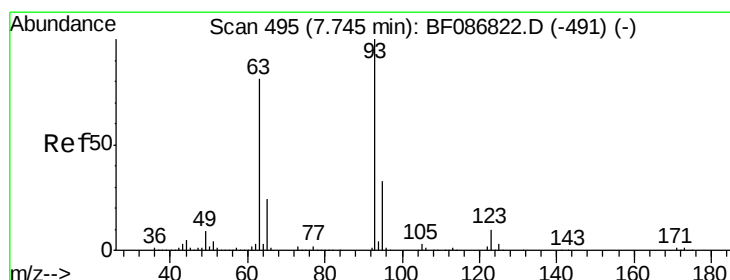
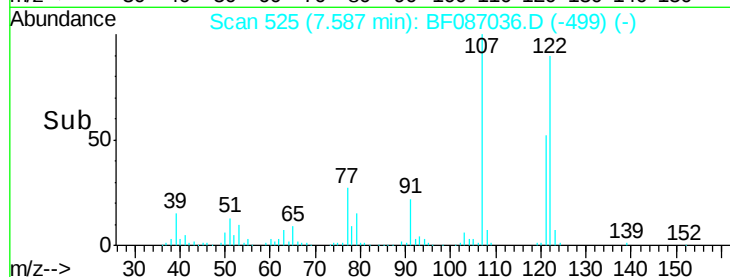
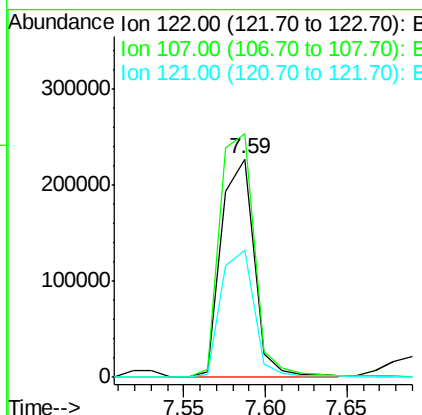
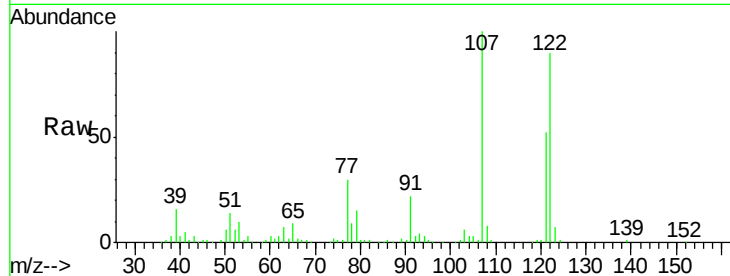
#27
 2,4-Dimethylphenol
 Concen: 35.86 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	318263		
107	111.5	82.0	123.0	
121	58.2	46.1	69.1	

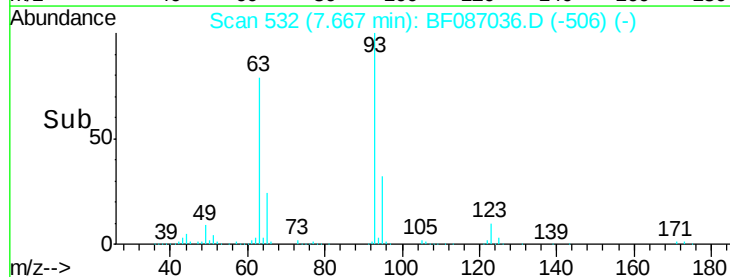
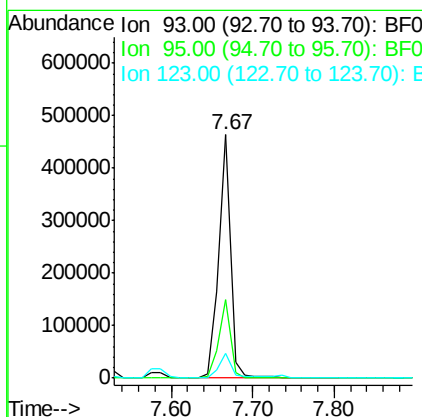
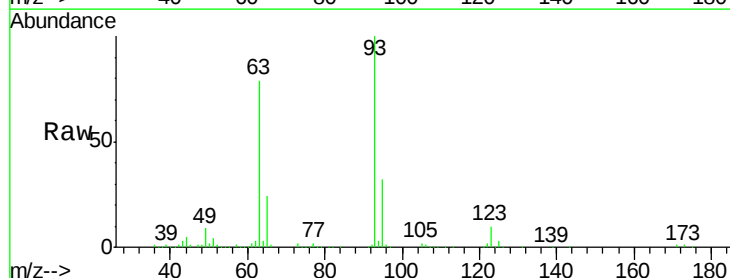
Manual Integrations
 APPROVED

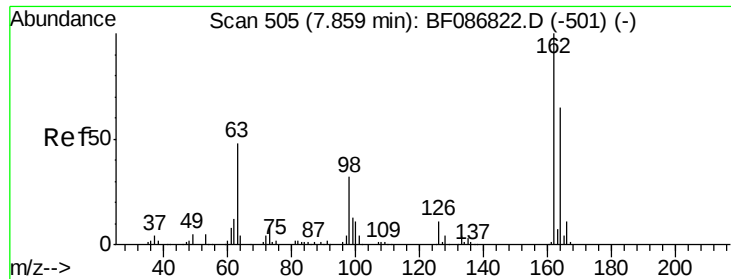
sohil
 5/16/2016 6:58:42 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.54 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	467520		
95	32.0	26.0	39.0	
123	10.3	9.5	14.3	





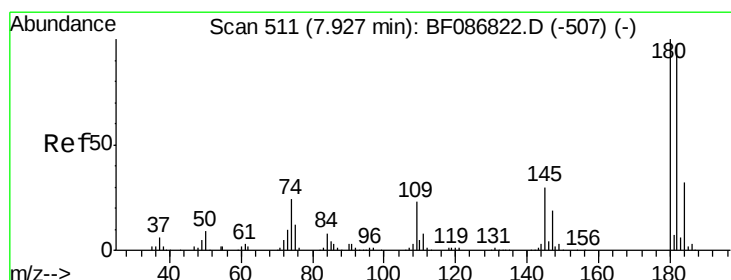
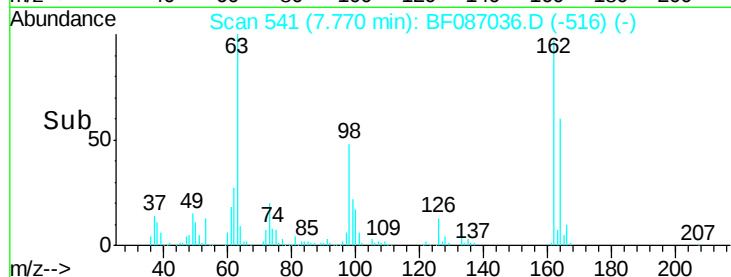
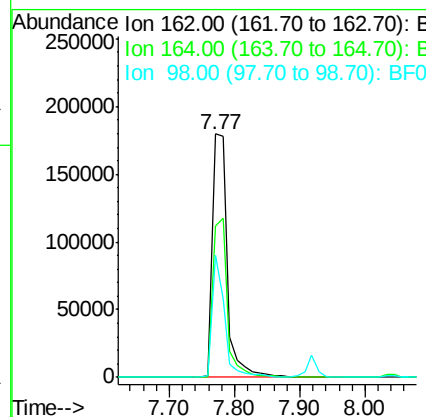
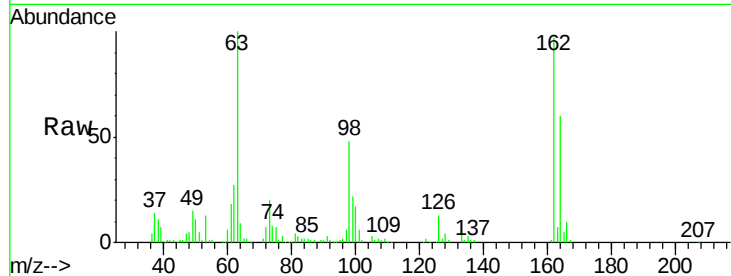
#29
2,4-Dichlorophenol
Concen: 37.19 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	290494		
164	62.1	42.2	82.2	
98	50.1	19.0	59.0	

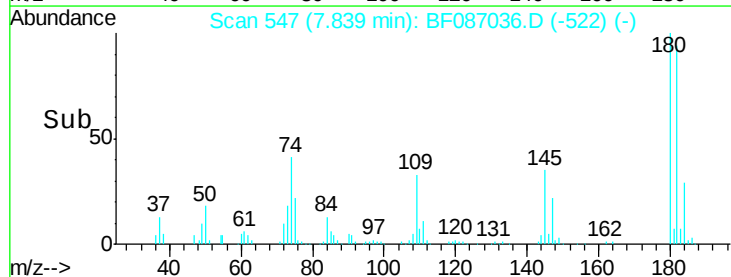
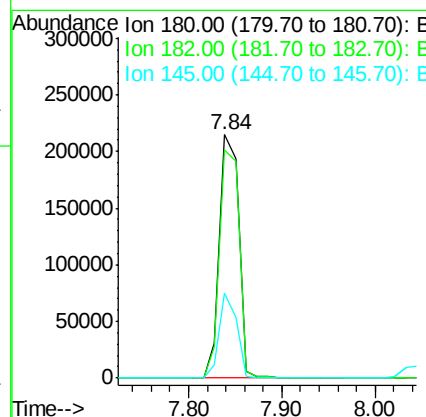
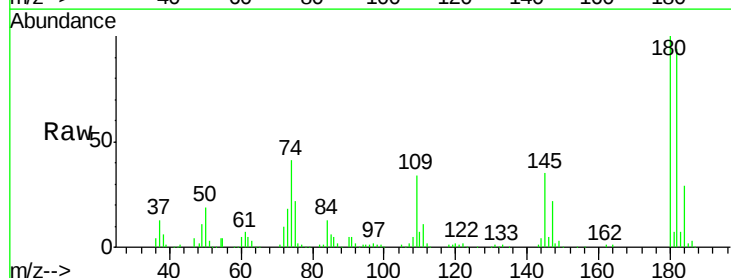
Manual Integrations
APPROVED

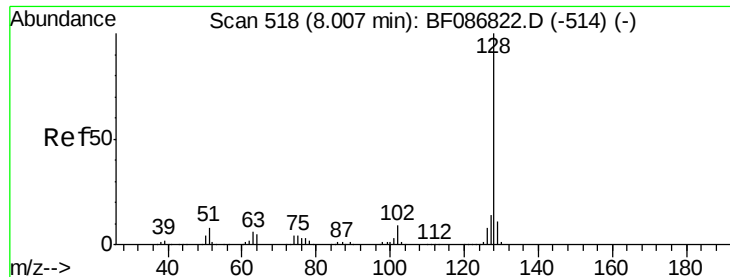
sohil
5/16/2016 6:58:42 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.43 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	309452		
182	93.9	78.0	117.0	
145	34.9	24.2	36.2	





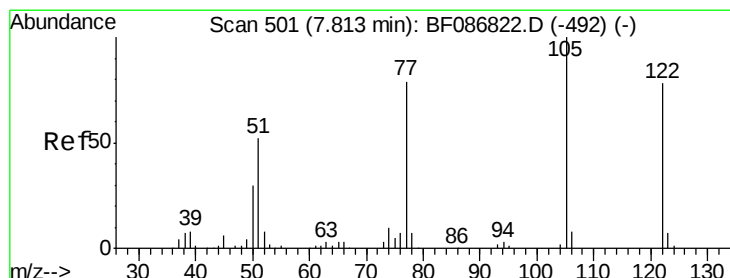
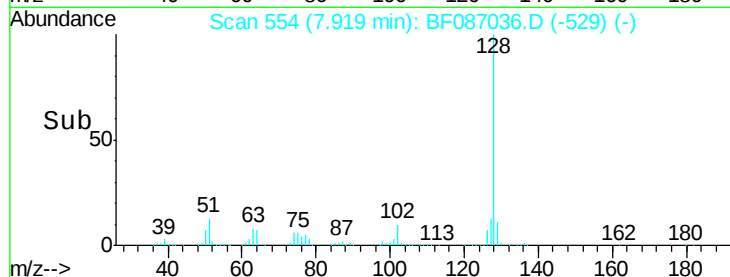
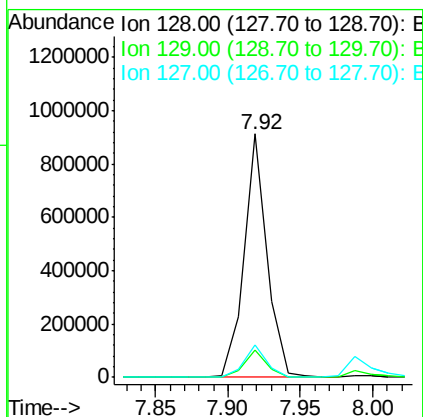
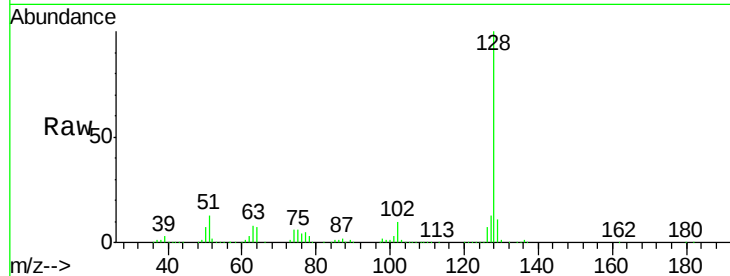
#31
Naphthalene
Concen: 34.42 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	997619		
129	11.5	8.6	13.0	
127	13.2	10.8	16.2	

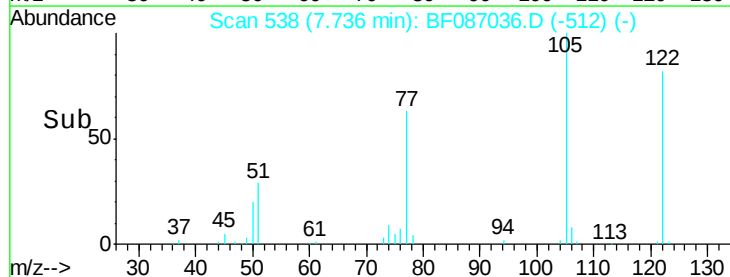
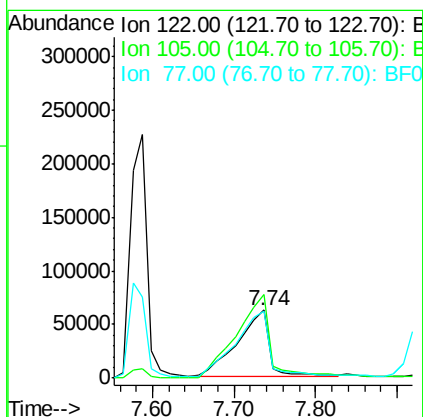
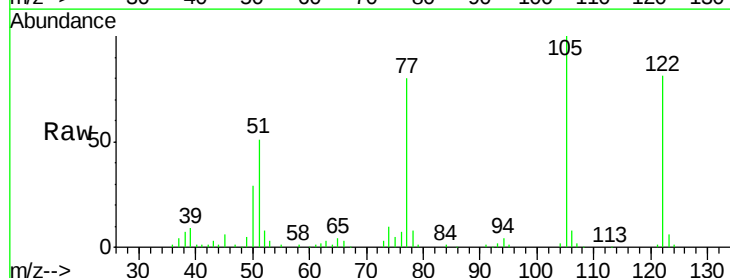
Manual Integrations
APPROVED

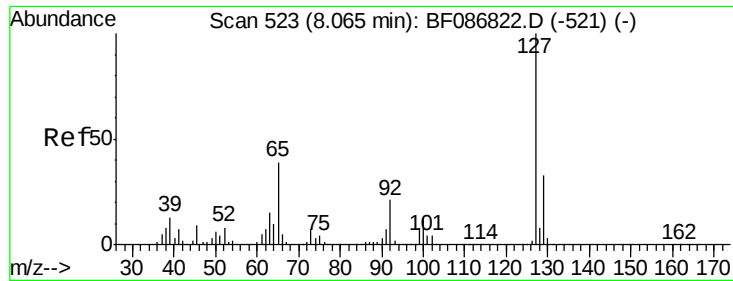
sohil
5/16/2016 6:58:42 PM



#32
Benzoic acid
Concen: 32.27 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	168193		
105	123.5	92.6	132.6	
77	98.9	60.0	100.0	





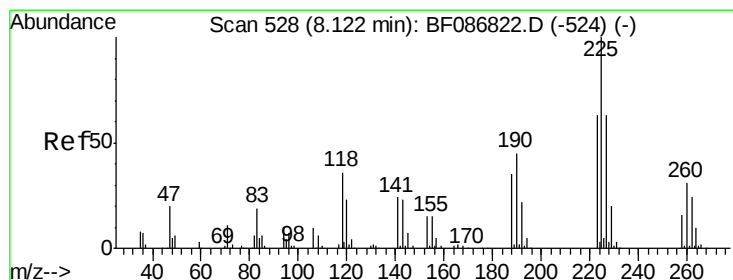
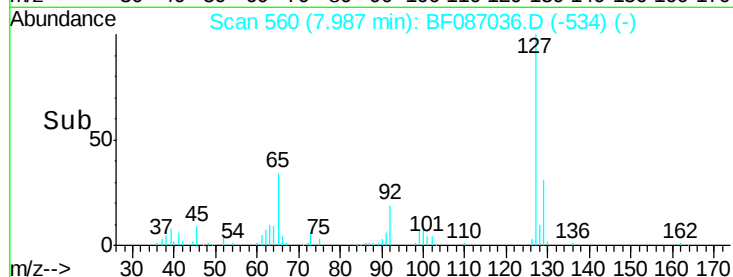
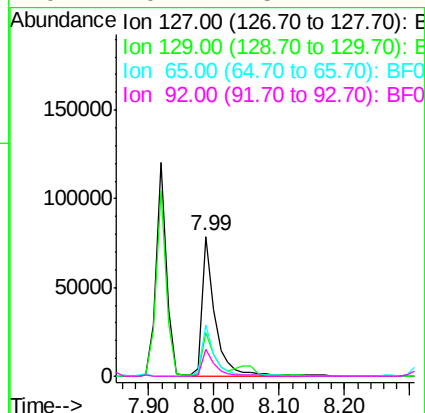
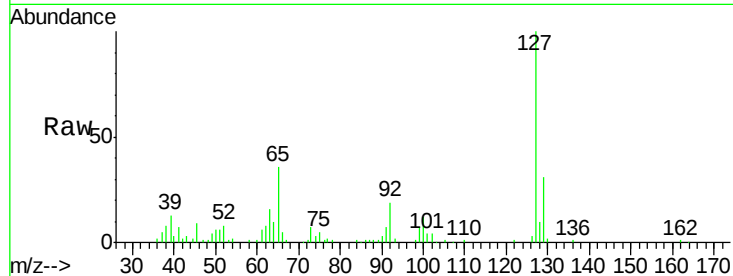
#33
4-Chloroaniline
Concen: 9.72 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.2	39.4	
65	36.5	23.0	34.4	
92	19.2	15.1	22.7	

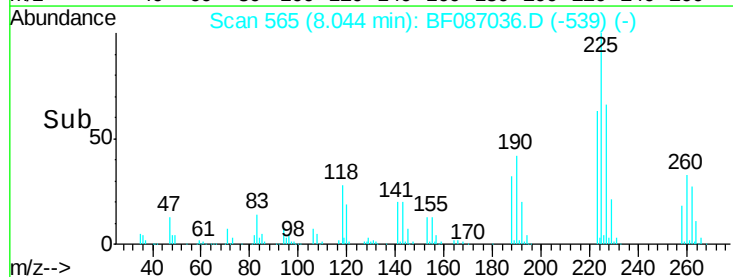
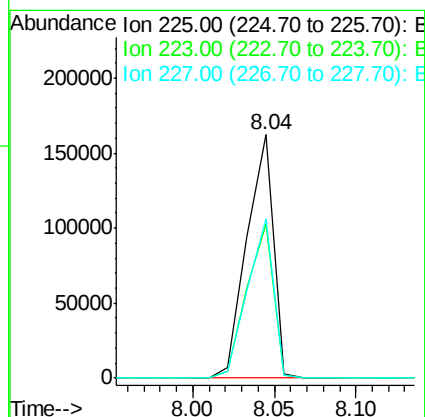
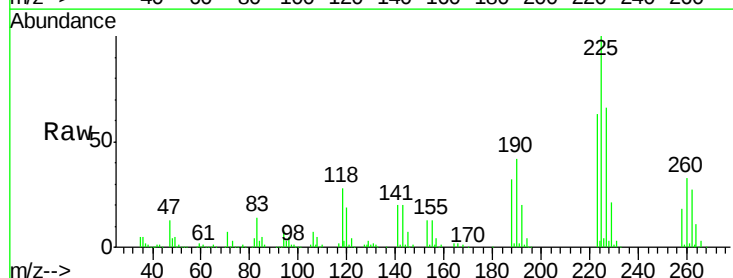
Manual Integrations
APPROVED

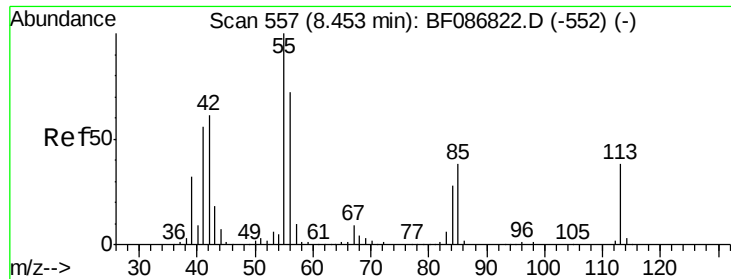
sohil
5/16/2016 6:58:42 PM



#34
Hexachlorobutadiene
Concen: 36.16 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	51.5	77.3	
227	65.5	52.2	78.2	





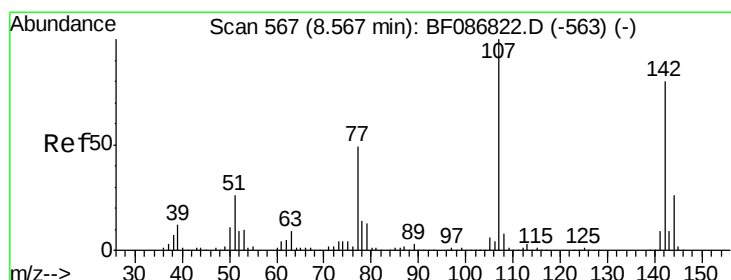
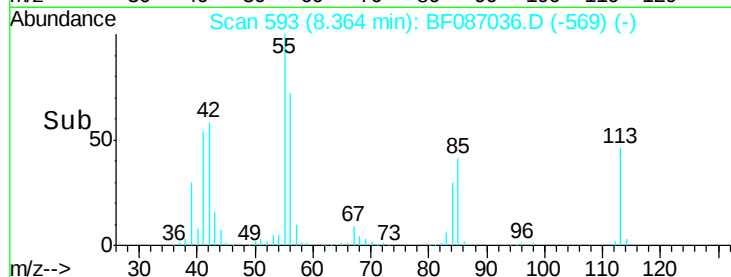
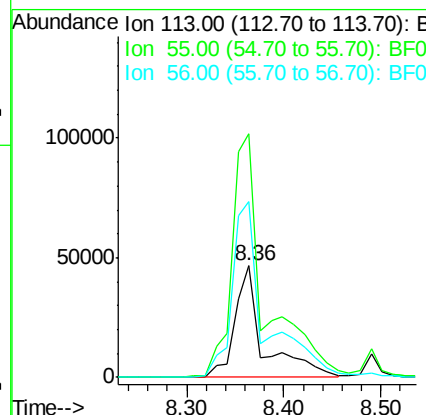
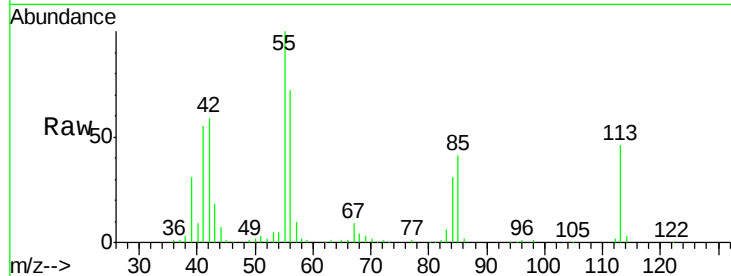
#35
 Caprolactam
 Concen: 36.46 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	218.6	162.0	202.0#	
56	157.8	115.3	155.3#	

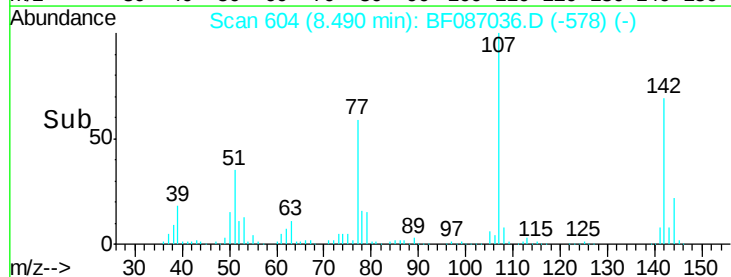
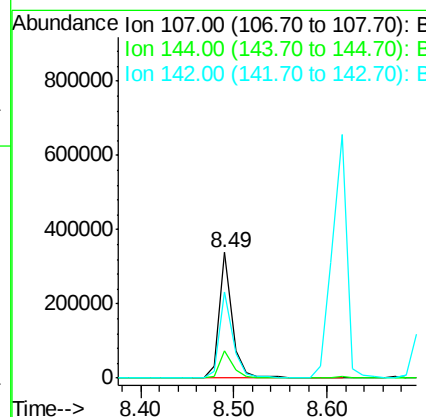
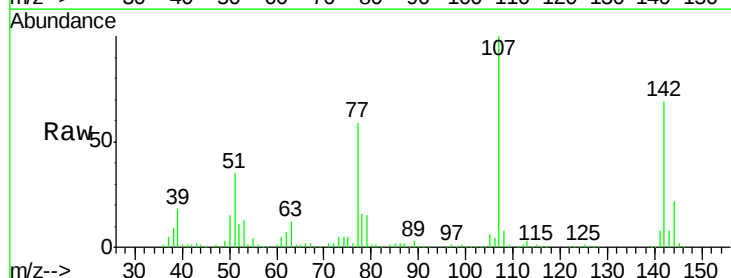
Manual Integrations
 APPROVED

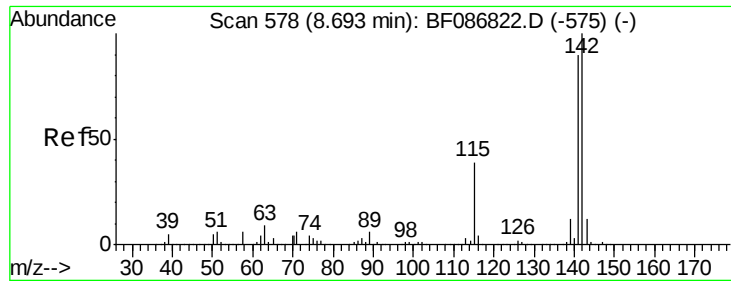
sohil
 5/16/2016 6:58:42 PM



#36
 4-Chloro-3-methylphenol
 Concen: 35.00 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.1	20.7	31.1	
142	69.1	63.2	94.8	





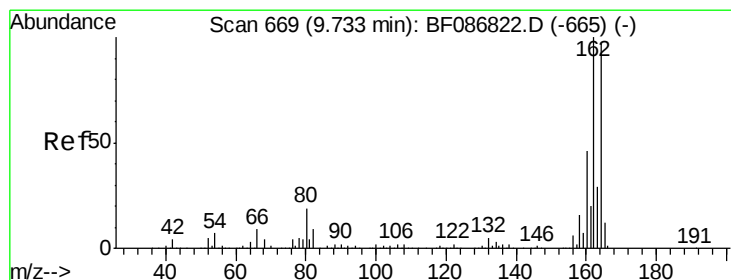
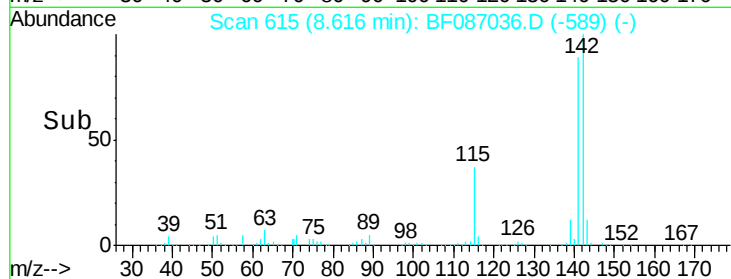
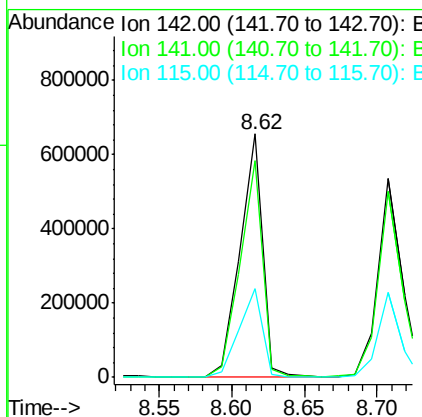
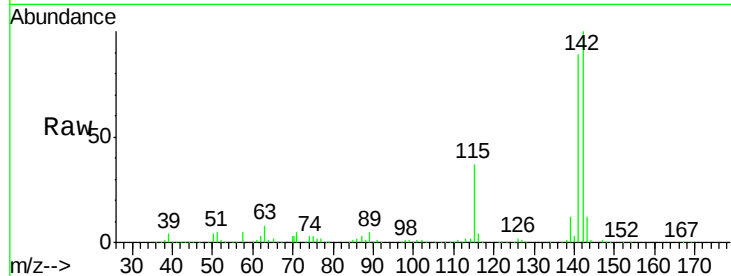
#37
 2-Methylnaphthalene
 Concen: 41.72 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion:	142	Resp:	706840
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.0	106.6
115	36.6	26.6	39.8

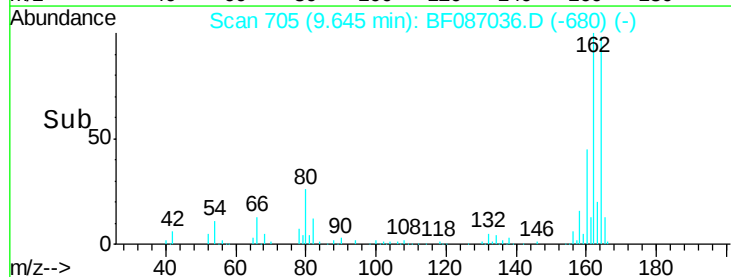
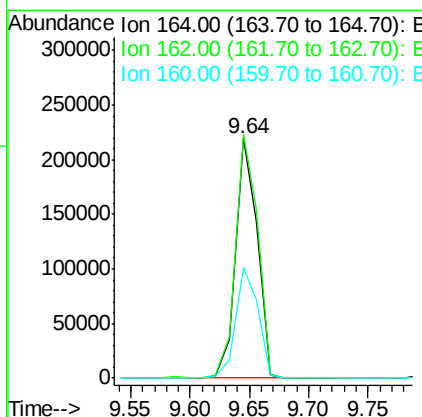
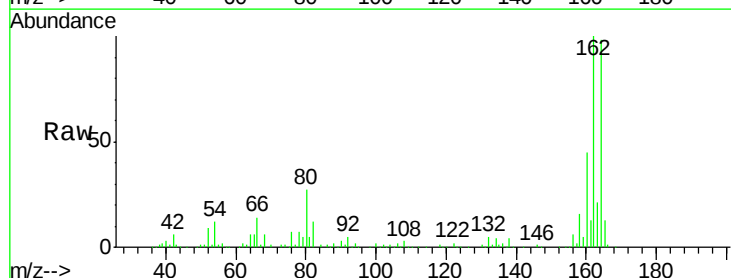
Manual Integrations
 APPROVED

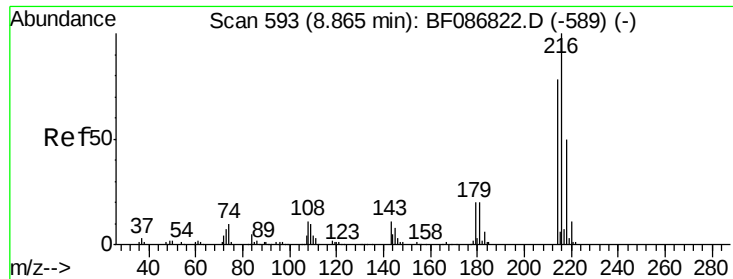
sohil
 5/16/2016 6:58:42 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion:	164	Resp:	278169
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.8	124.2
160	46.0	36.9	55.3





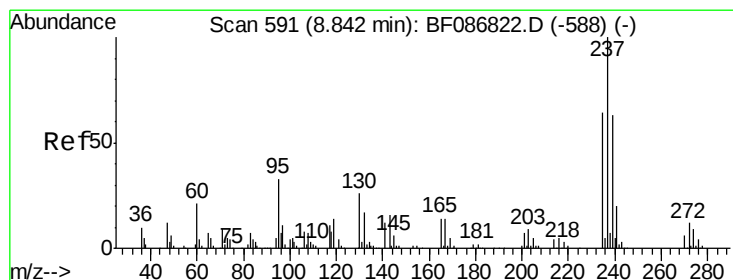
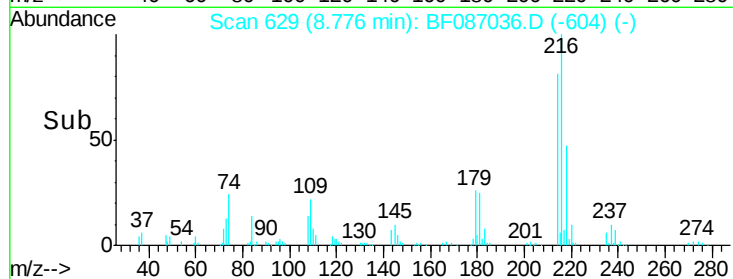
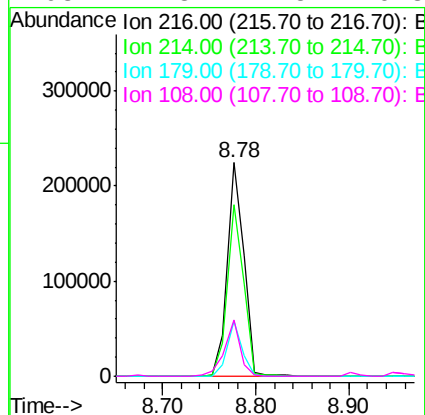
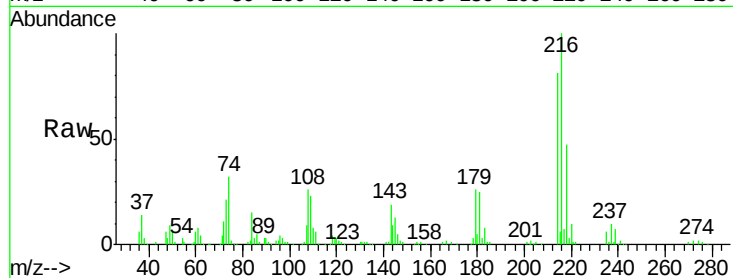
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.31 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	277500		
214	79.3	62.6	93.8	
179	23.1	18.2	27.4	
108	24.8	17.5	26.3	

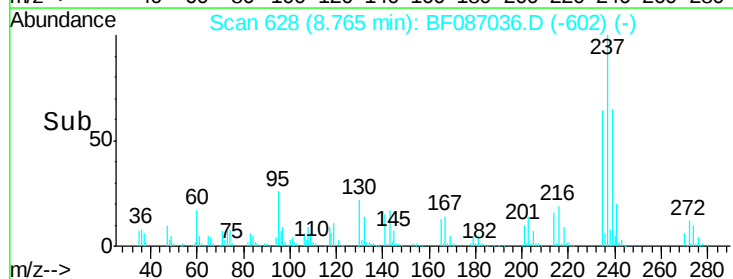
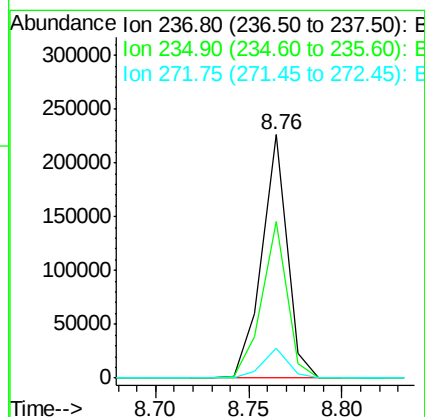
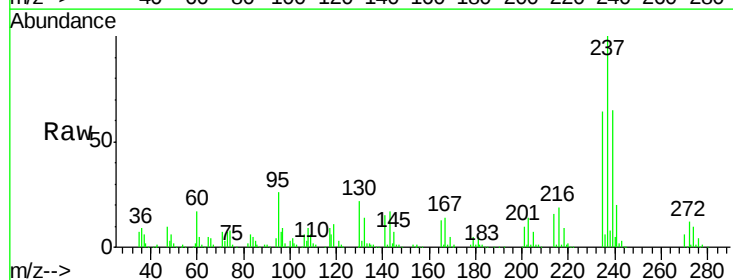
Manual Integrations
 APPROVED

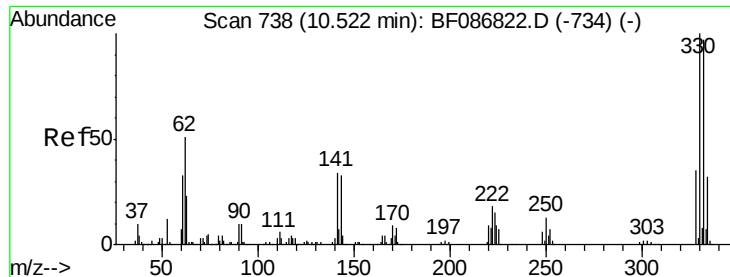
sohil
 5/16/2016 6:58:42 PM



#40
 Hexachlorocyclopentadiene
 Concen: 55.64 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	213575		
235	64.1	47.2	87.2	
272	12.1	0.0	31.1	





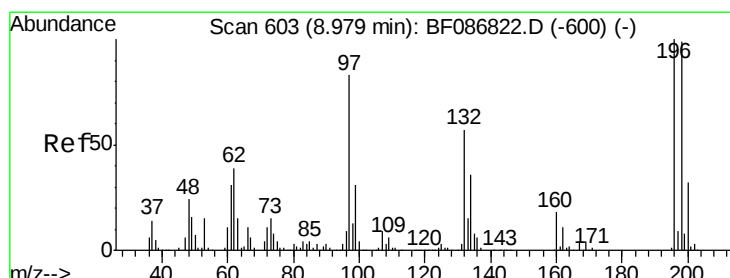
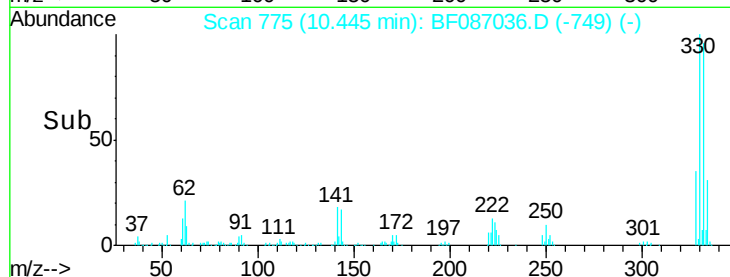
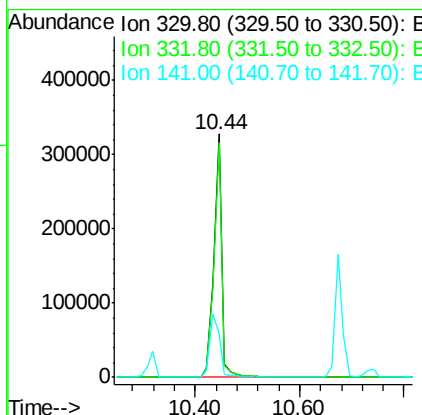
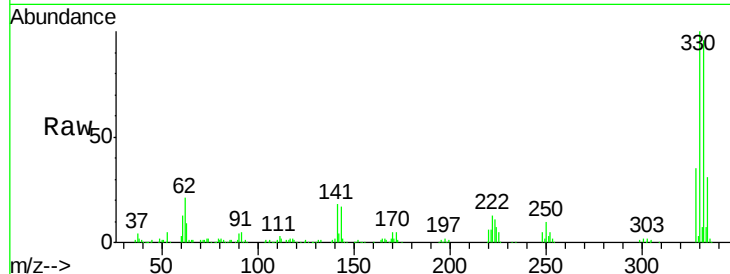
#41
 2,4,6-Tribromophenol
 Concen: 118.89 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	350114		
332	96.1	79.0	118.4	
141	32.5	31.2	46.8	

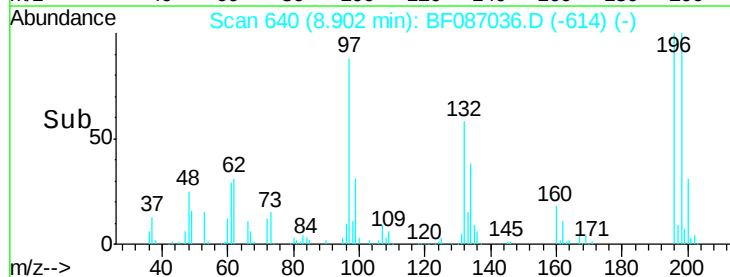
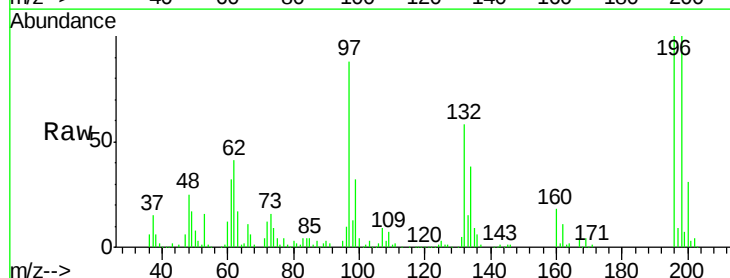
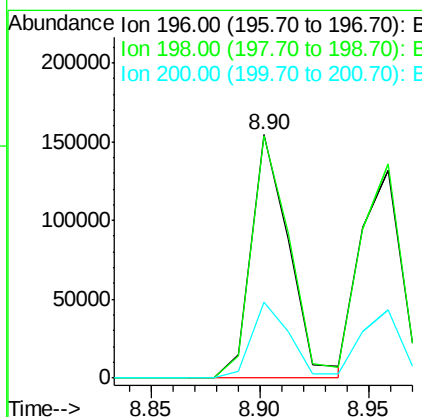
Manual Integrations
 APPROVED

sohil
 5/16/2016 6:58:42 PM



#42
 2,4,6-Trichlorophenol
 Concen: 34.73 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

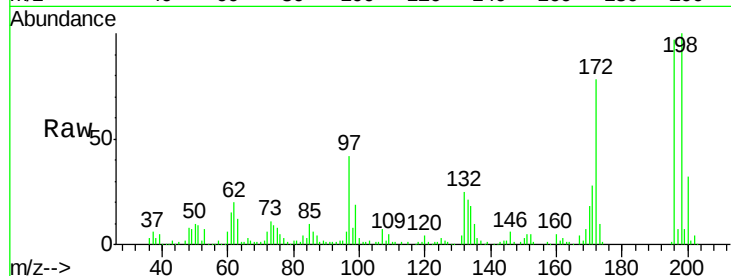
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	187812		
198	99.8	74.7	112.1	
200	31.4	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 33.09 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

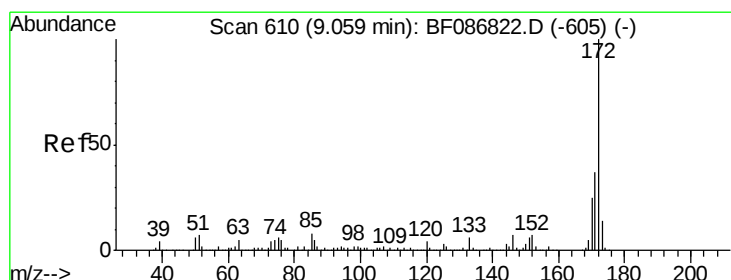
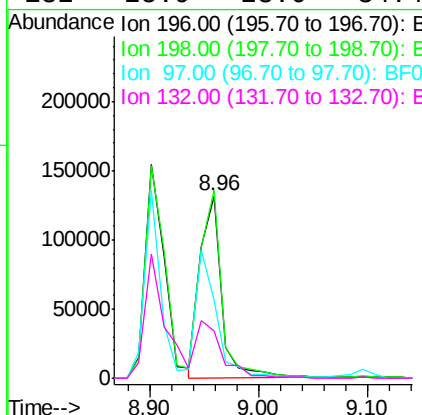
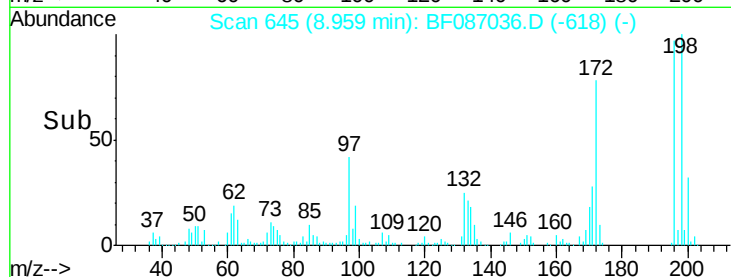
Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS



Tgt Ion	Resp	Lower	Upper
196	185078		
196	100		
198	103.1	77.5	116.3
97	43.1	34.8	52.2
132	25.9	23.0	34.4

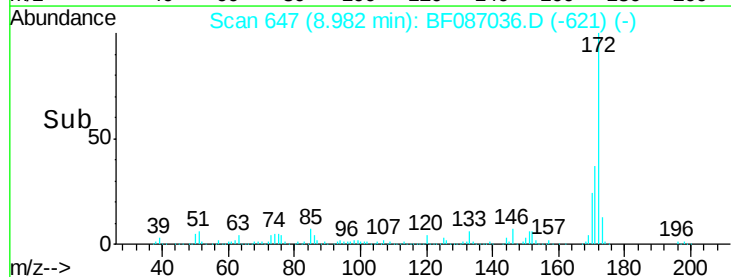
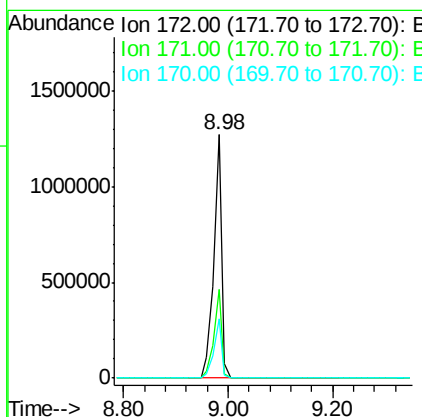
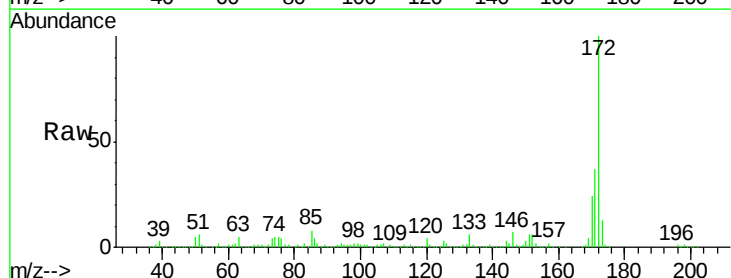
Manual Integrations
 APPROVED

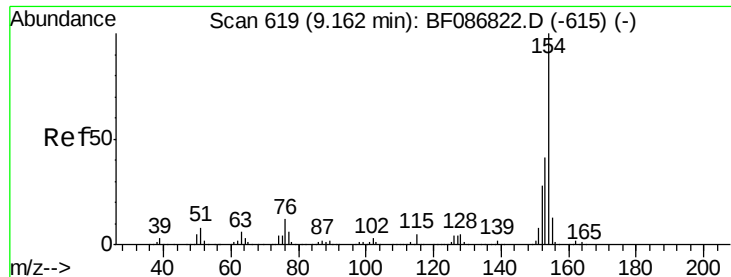
sohil
 5/16/2016 6:58:42 PM



#44
 2-Fluorobiphenyl
 Concen: 80.73 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion	Resp	Lower	Upper
172	1336253		
172	100		
171	36.5	29.0	43.6
170	24.4	19.8	29.8





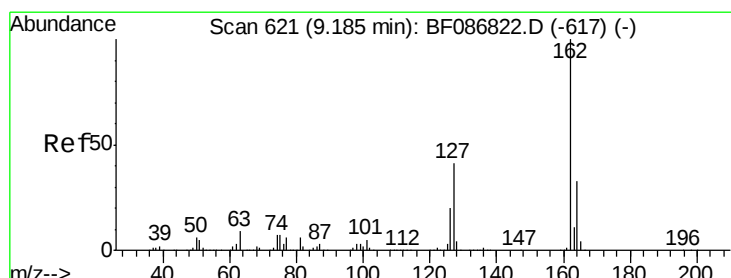
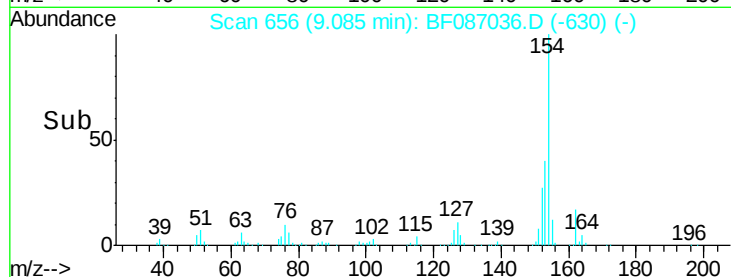
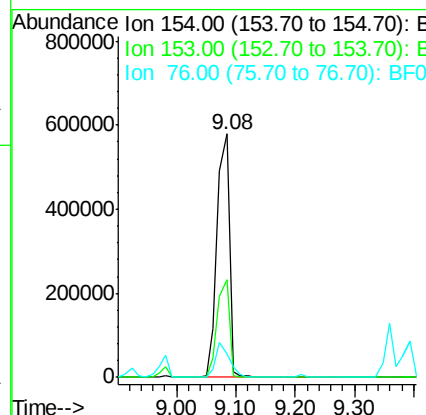
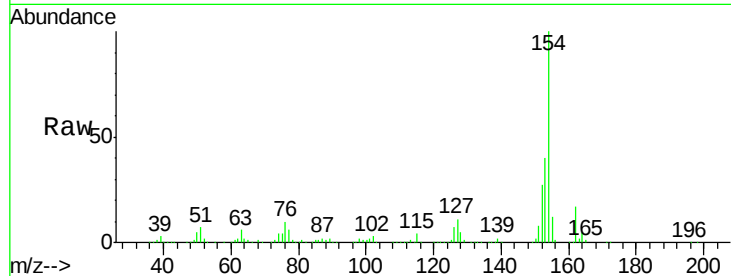
#45
 1,1'-Biphenyl
 Concen: 37.86 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion:	154	Resp:	837635
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.3	60.3
76	9.6	0.0	30.2

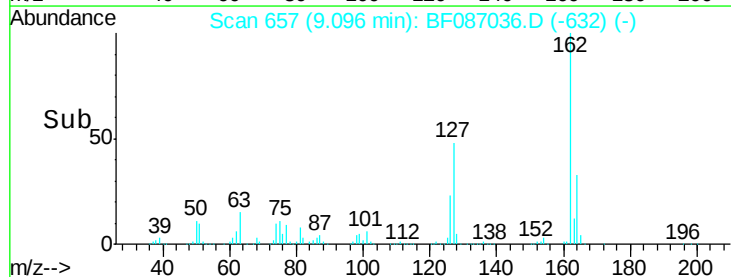
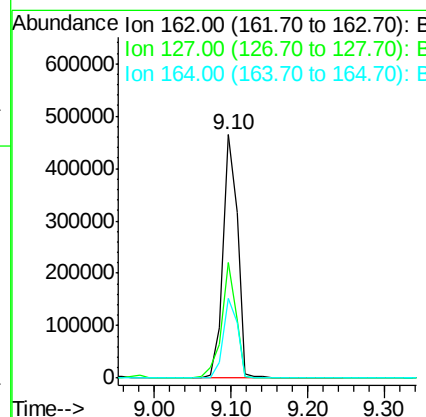
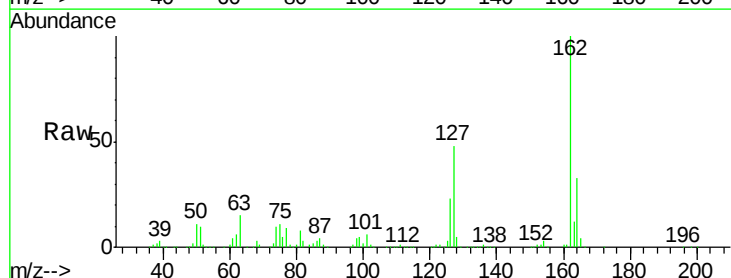
Manual Integrations
 APPROVED

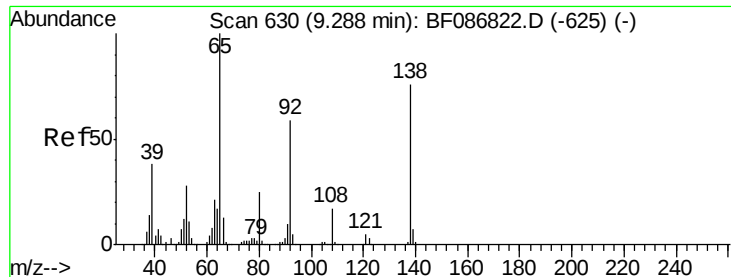
sohil
 5/16/2016 6:58:42 PM



#46
 2-Chloronaphthalene
 Concen: 35.73 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion:	162	Resp:	619290
Ion Ratio	Lower	Upper	
162	100		
127	47.5	31.8	47.6
164	32.5	27.0	40.6





#47

2-Nitroaniline

Concen: 38.81 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

Tgt Ion: 65 Resp: 245858
Ion Ratio Lower Upper

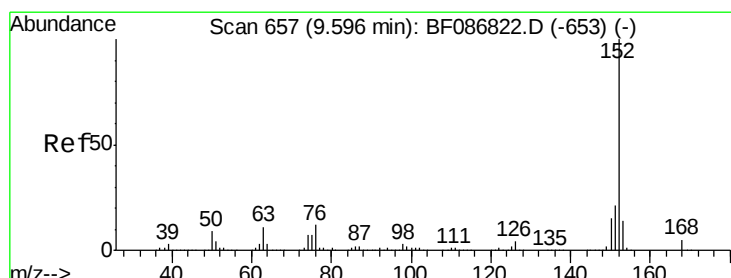
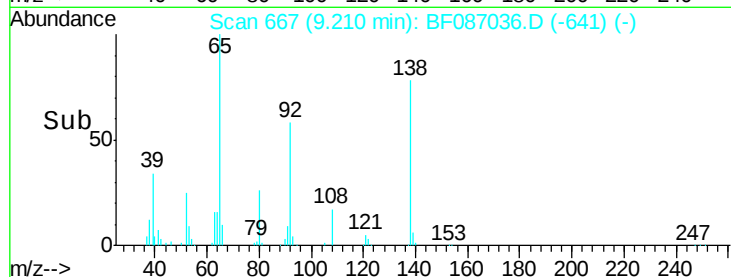
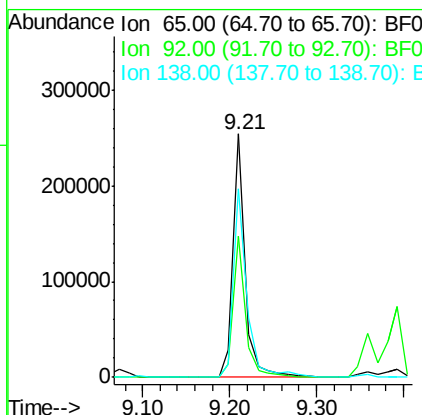
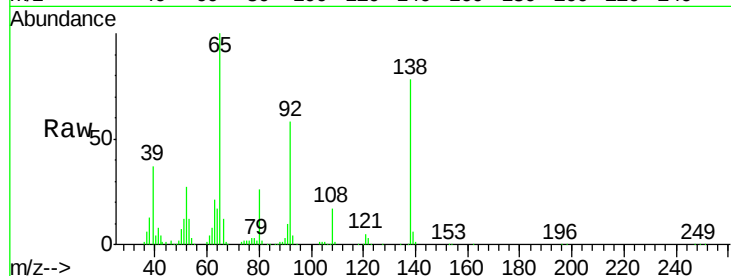
65 100

92 57.9 57.4 86.2

138 77.5 90.1 135.1#

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#48

Acenaphthylene

Concen: 37.52 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF087036.D

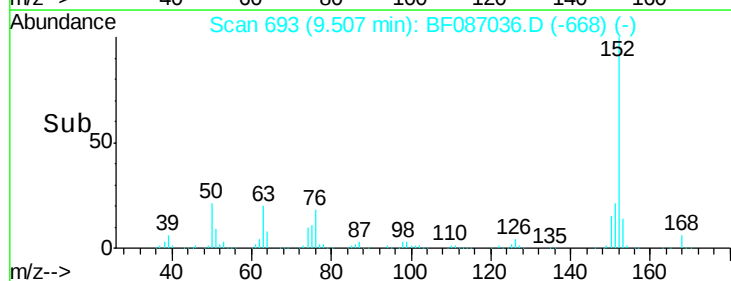
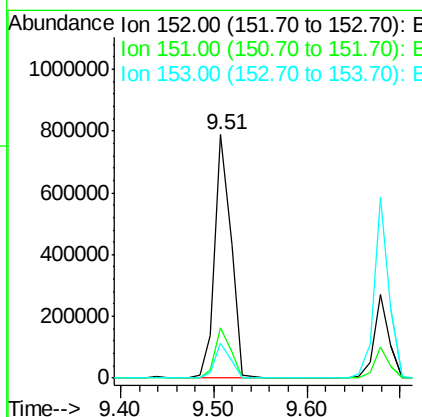
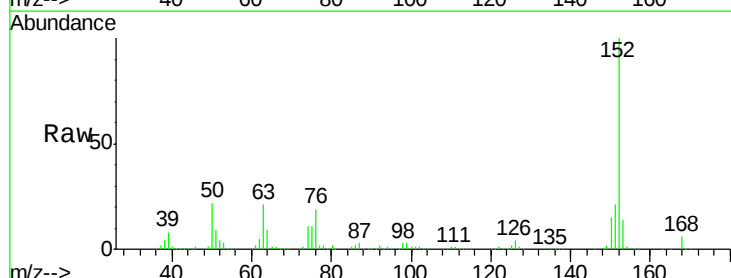
Acq: 14 May 2016 23:05

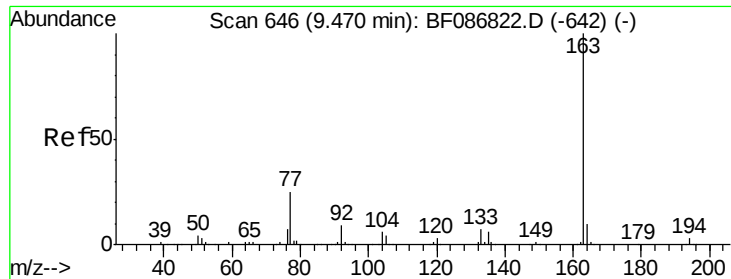
Tgt Ion: 152 Resp: 956604
Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

153 14.2 10.9 16.3





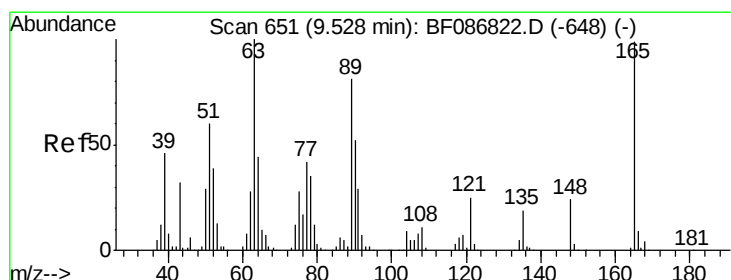
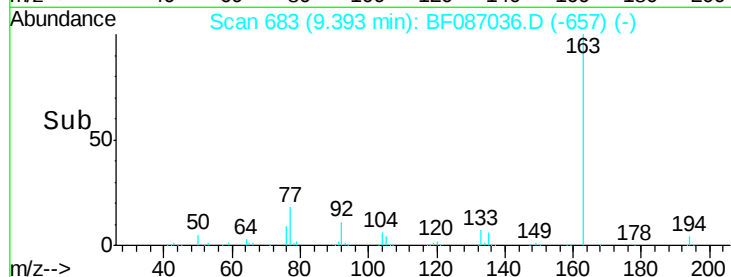
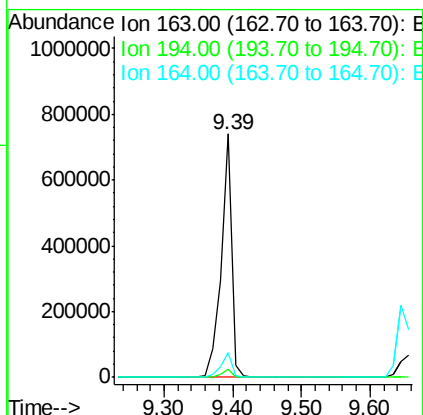
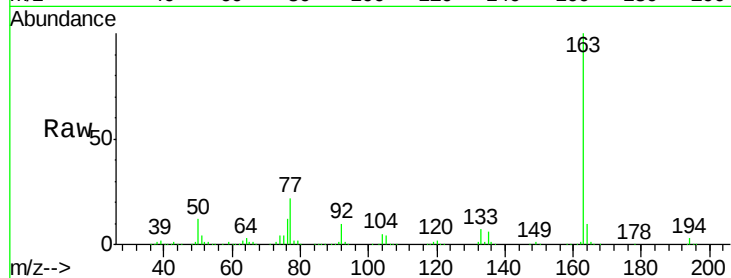
#49
Dimethylphthalate
Concen: 37.78 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	801791		
194	3.3	2.6	4.0	
164	10.0	8.2	12.4	

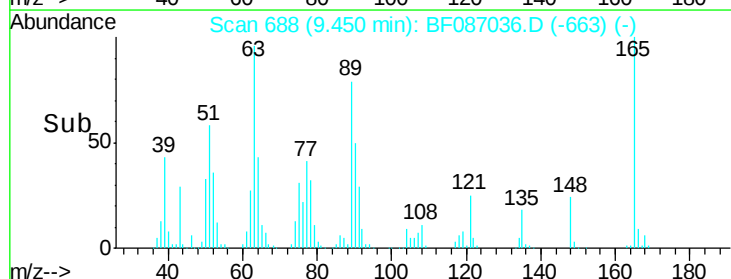
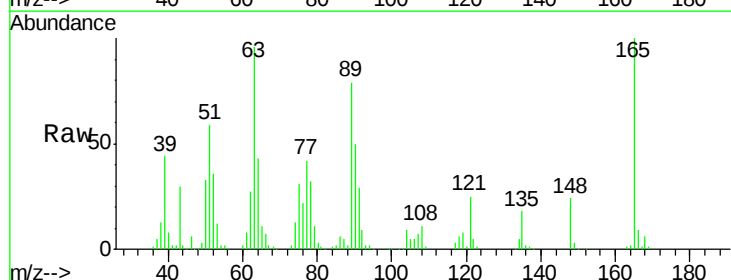
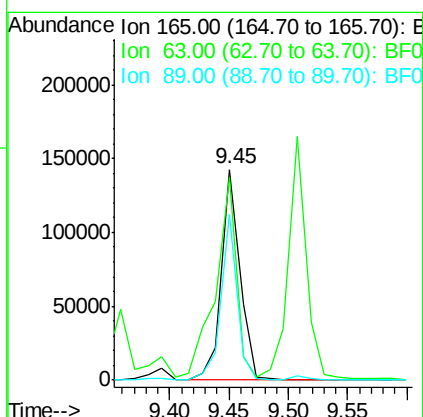
Manual Integrations
APPROVED

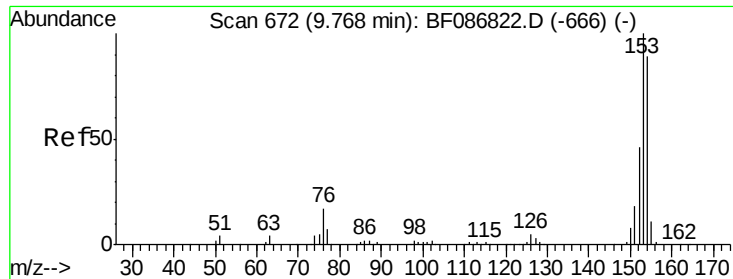
sohil
5/16/2016 6:58:42 PM



#50
2,6-Dinitrotoluene
Concen: 34.46 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	153898		
63	96.1	51.8	77.8#	
89	78.5	50.7	76.1#	





#51

Acenaphthene

Concen: 36.11 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087036.D

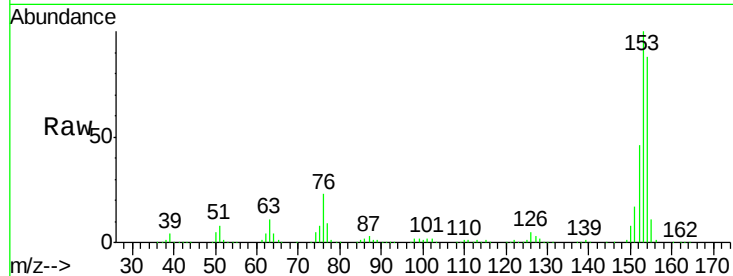
Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

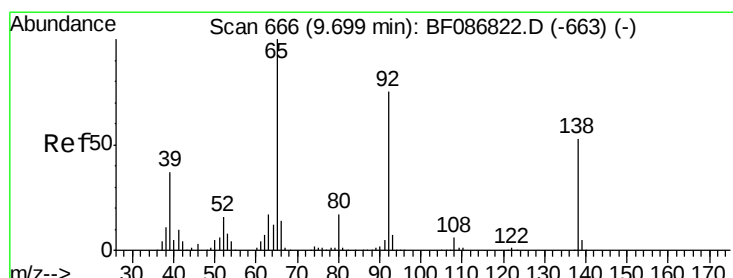
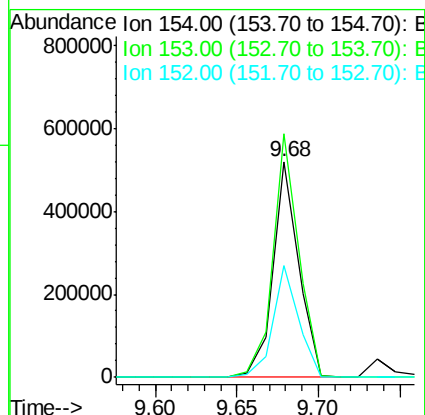
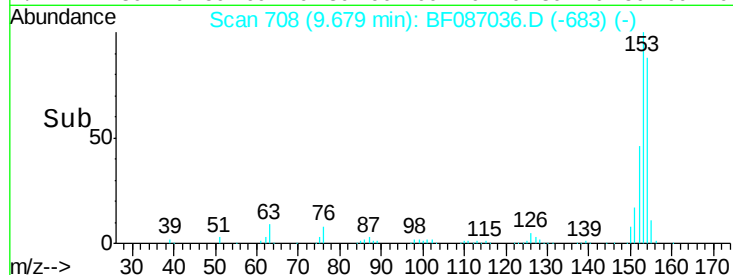
PB90419BS



Tgt Ion:	154	Resp:	572777
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.8	134.6
152	51.8	43.4	65.0

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#52

3-Nitroaniline

Concen: 17.16 ng

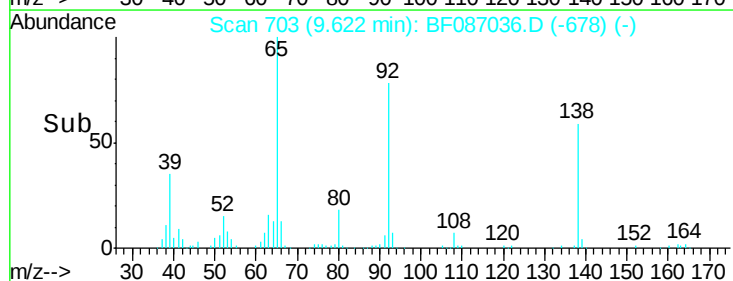
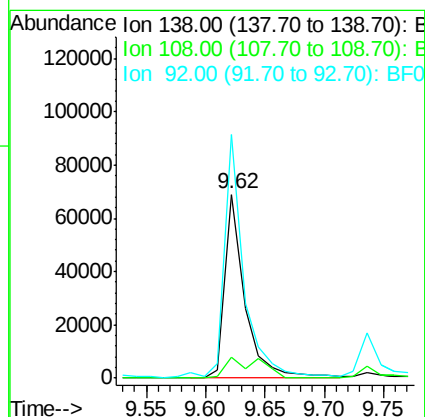
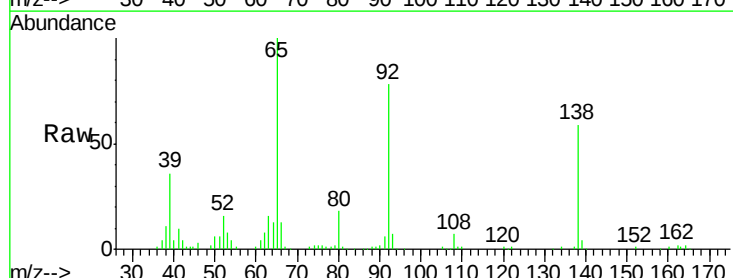
RT: 9.62 min Scan# 703

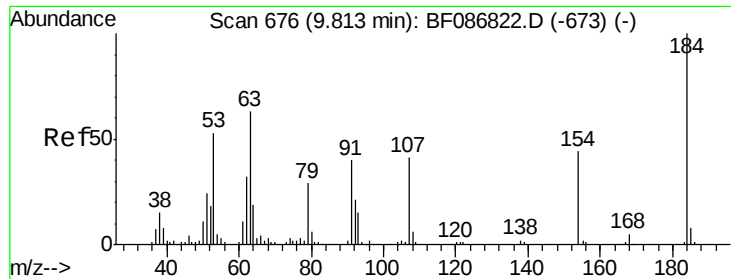
Delta R.T. -0.01 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

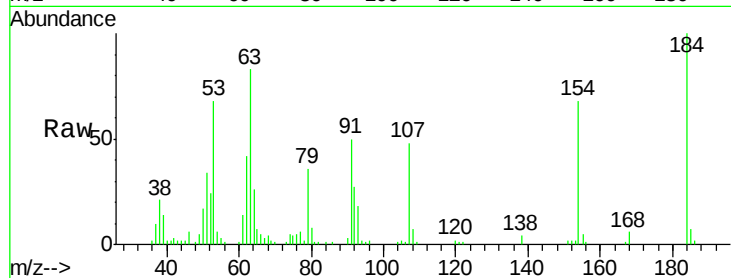
Tgt Ion:	138	Resp:	80677
Ion Ratio	Lower	Upper	
138	100		
108	11.2	7.8	11.6
92	132.5	87.8	131.8#





#53
 2,4-Dinitrophenol
 Concen: 40.46 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

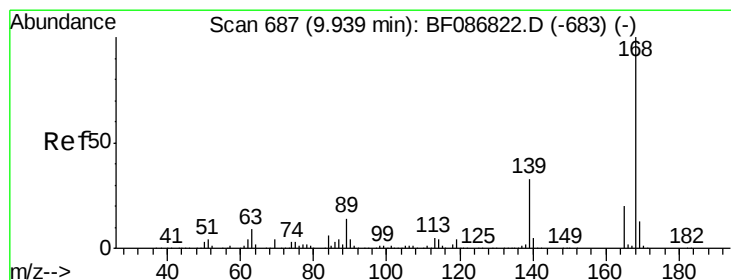
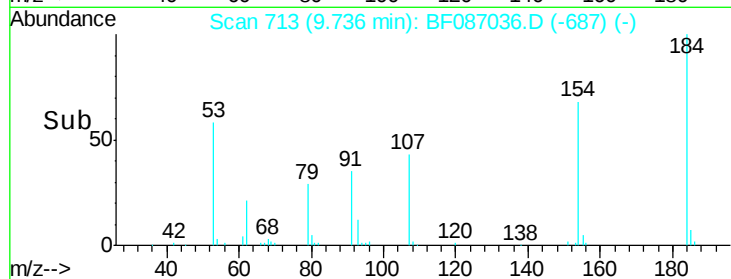
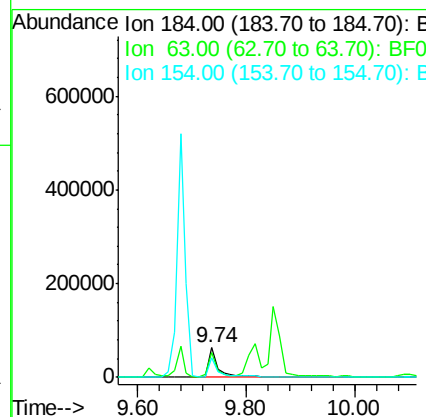
Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	82733		
63	82.8	55.8	83.8	
154	68.2	62.4	93.6	

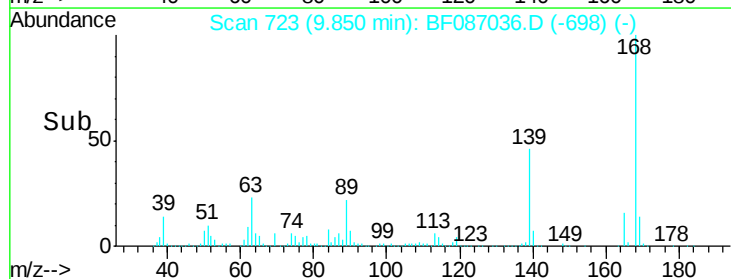
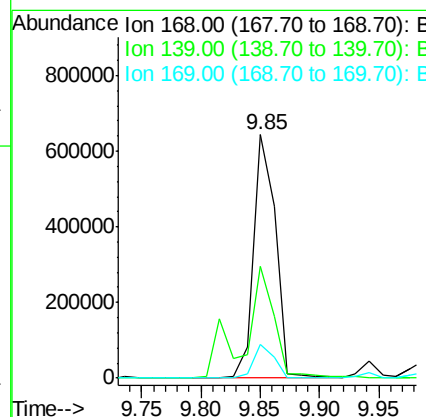
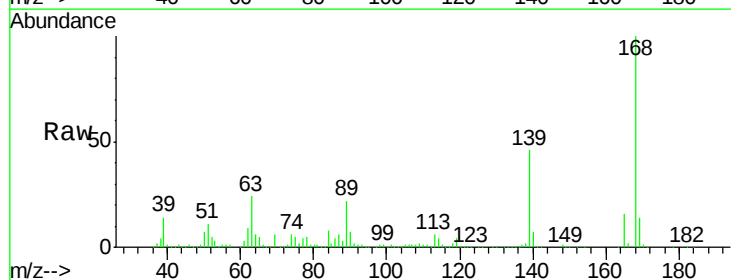
Manual Integrations
 APPROVED

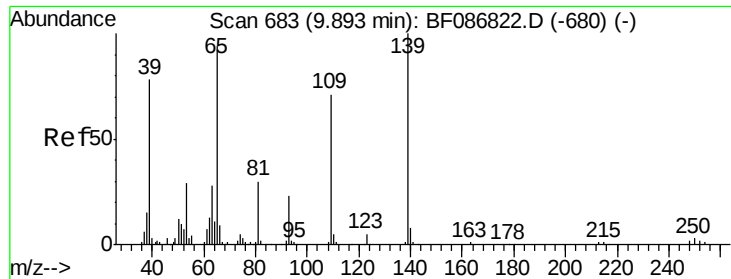
sohil
 5/16/2016 6:58:42 PM



#54
 Dibenzofuran
 Concen: 40.77 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	830048		
139	46.0	31.4	47.0	
169	13.8	10.7	16.1	





#55

4-Nitrophenol

Concen: 49.38 ng m

RT: 9.82 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

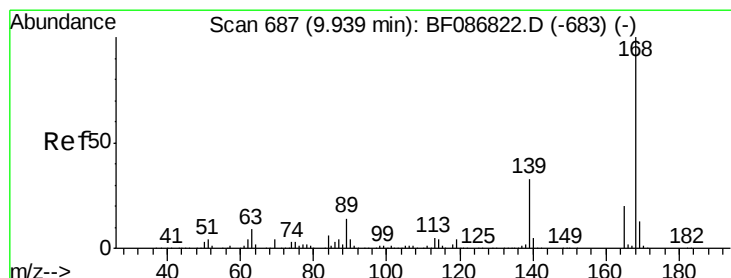
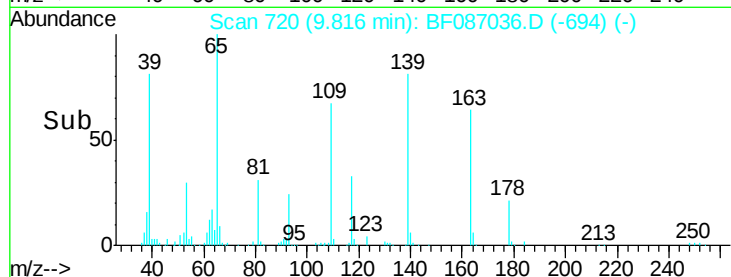
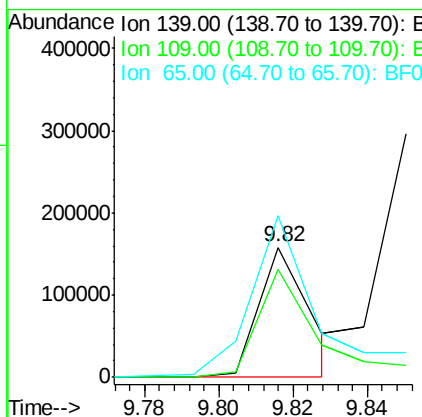
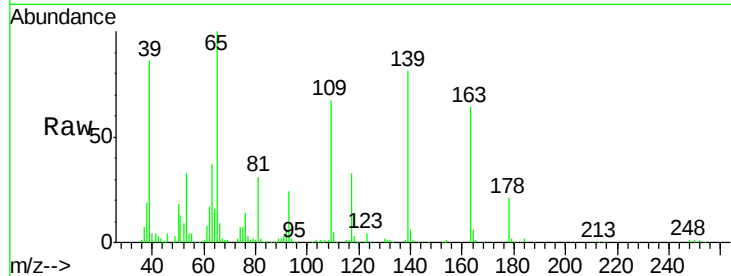
ClientSampleId :

PB90419BS

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	149000		
109	82.6	36.9	76.9#	
65	123.8	64.0	104.0#	



#56

2,4-Dinitrotoluene

Concen: 39.12 ng

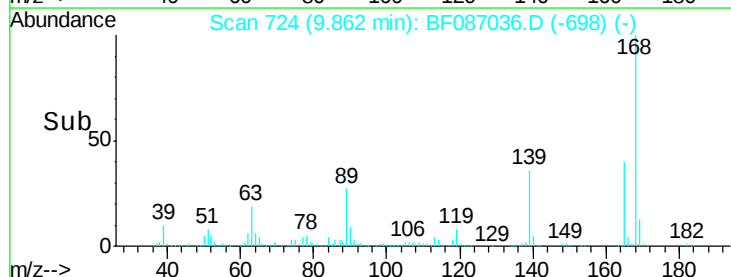
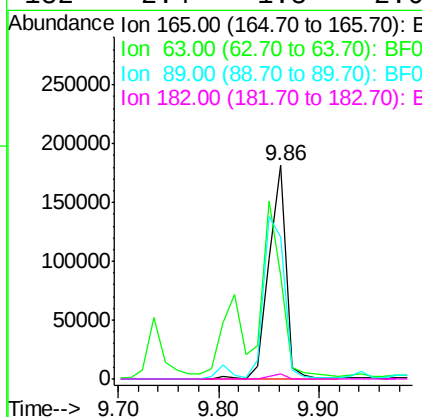
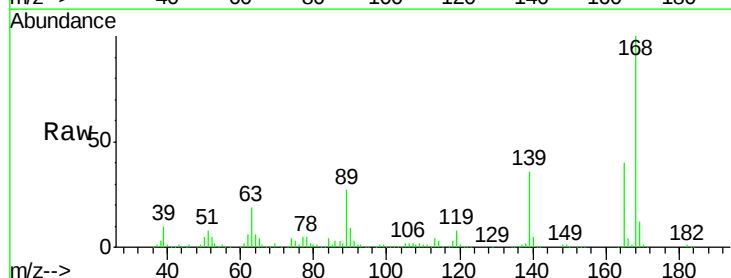
RT: 9.86 min Scan# 724

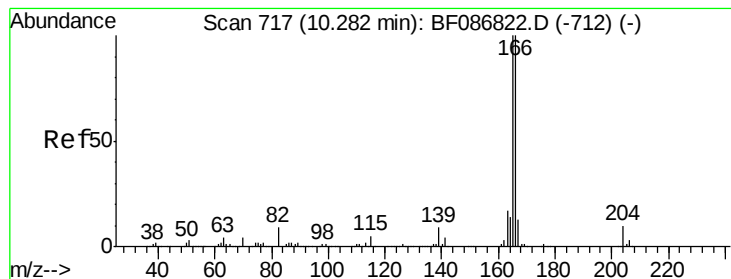
Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	216226		
63	48.6	44.3	66.5	
89	66.4	70.0	105.0#	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 35.35 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF087036.D

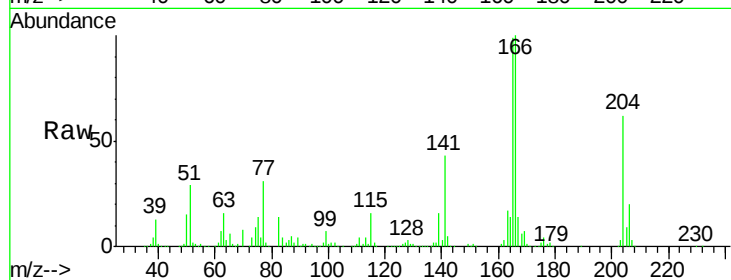
Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

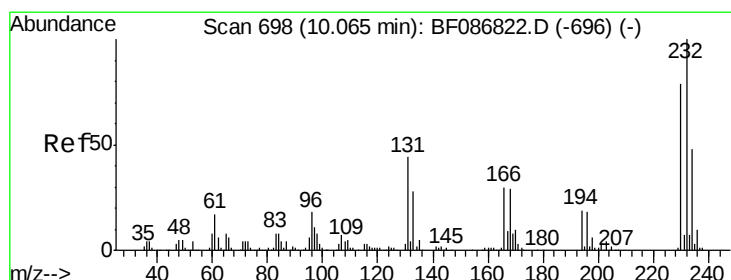
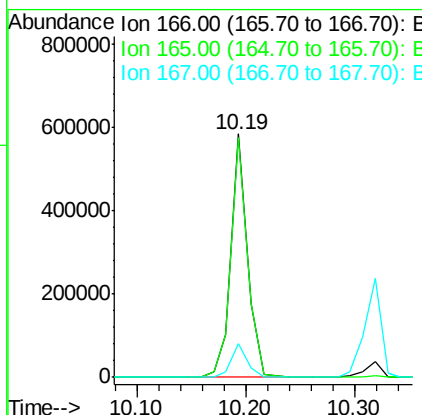
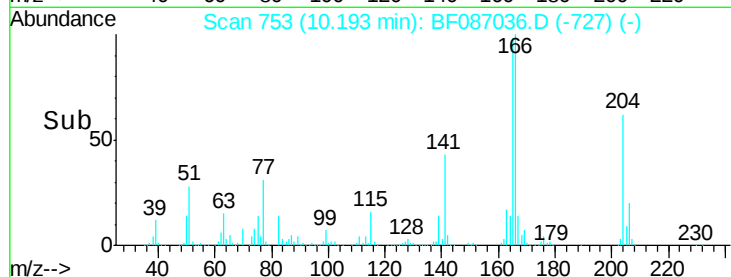
PB90419BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	613863		
165	98.5	79.0	118.6	
167	13.8	10.6	15.8	

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#58

2,3,4,6-Tetrachlorophenol

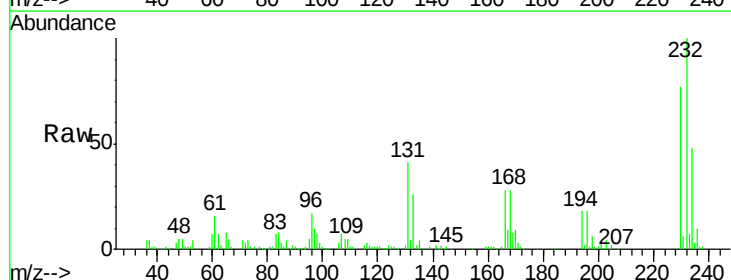
Concen: 41.38 ng

RT: 9.99 min Scan# 735

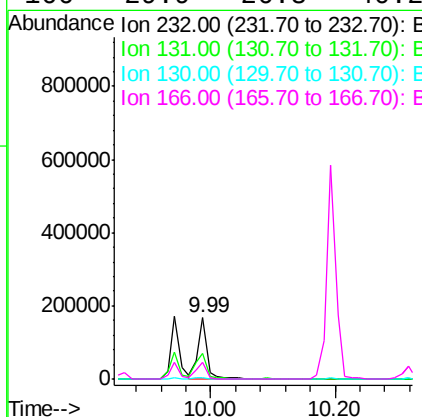
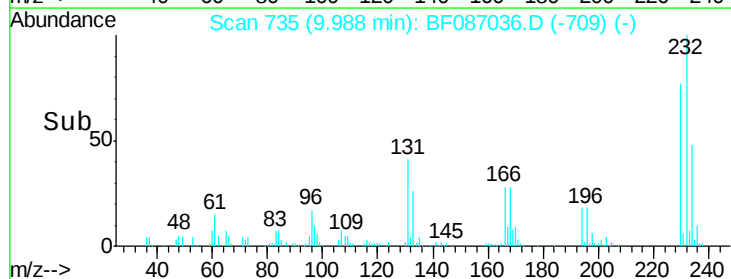
Delta R.T. -0.00 min

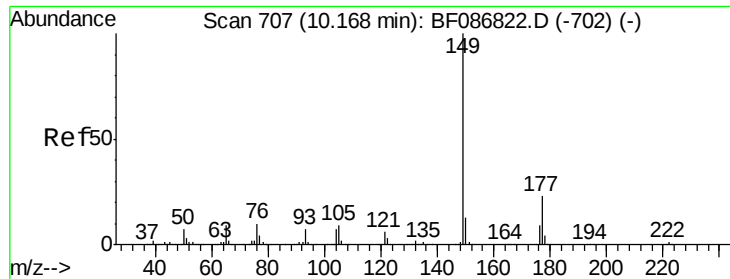
Lab File: BF087036.D

Acq: 14 May 2016 23:05



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	174240		
131	50.1	41.9	62.9	
130	2.7	2.2	3.4	
166	29.9	26.8	40.2	





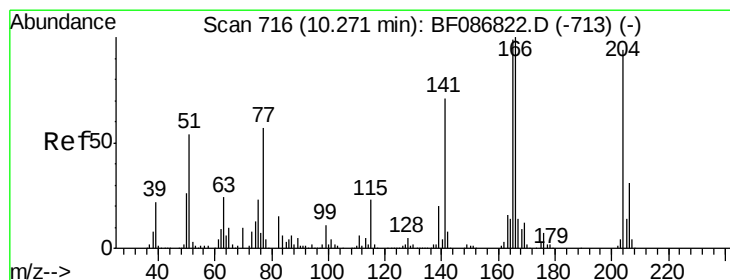
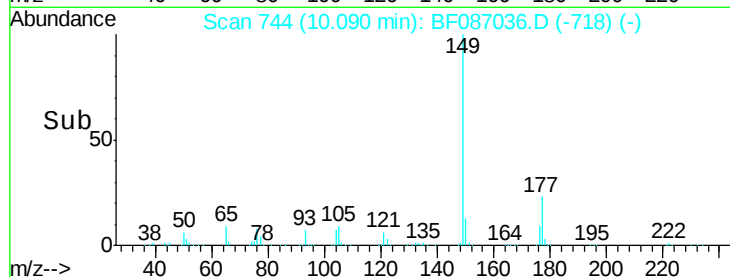
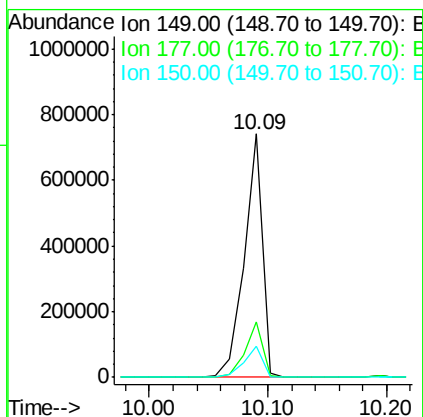
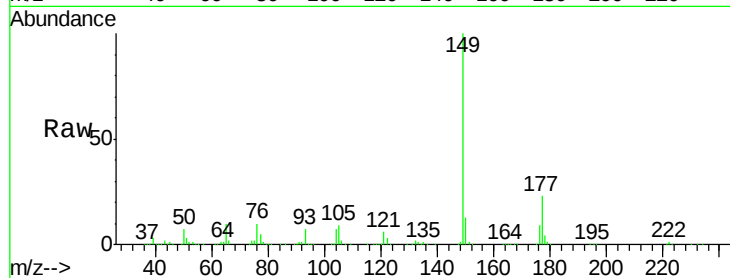
#59
Diethylphthalate
Concen: 38.38 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	793700		
177	23.0	16.6	24.8	
150	12.6	10.0	15.0	

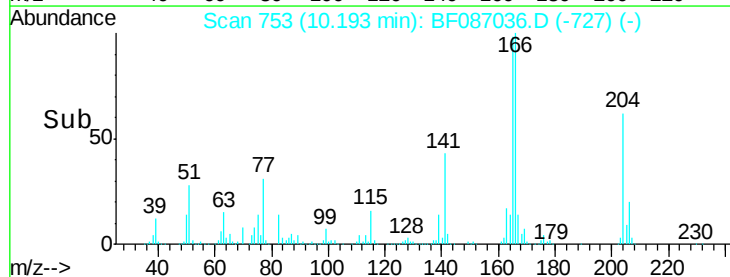
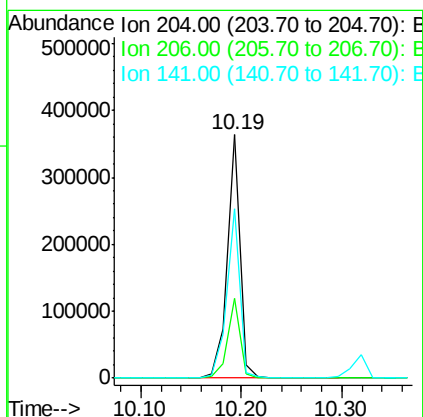
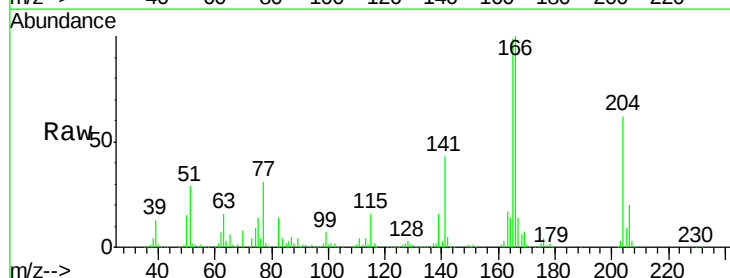
Manual Integrations
APPROVED

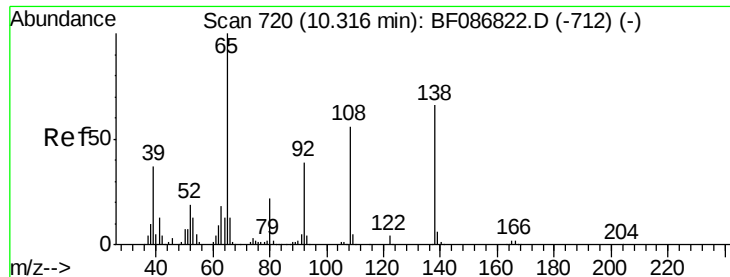
sohil
5/16/2016 6:58:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.90 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	321985		
206	32.9	25.4	38.0	
141	69.7	61.6	92.4	





#61

4-Nitroaniline

Concen: 36.45 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

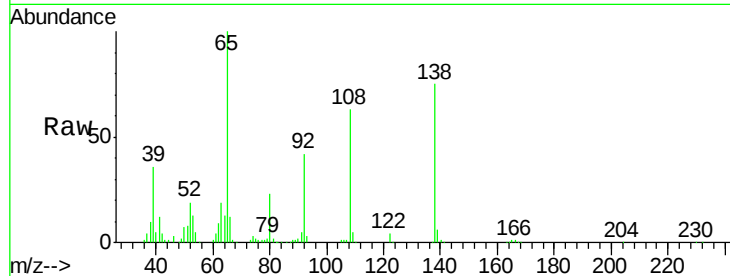
ClientSampleId :

PB90419BS

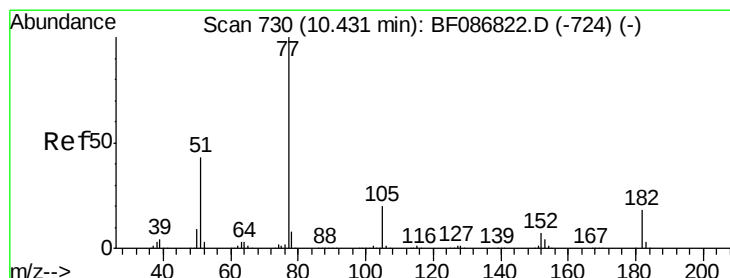
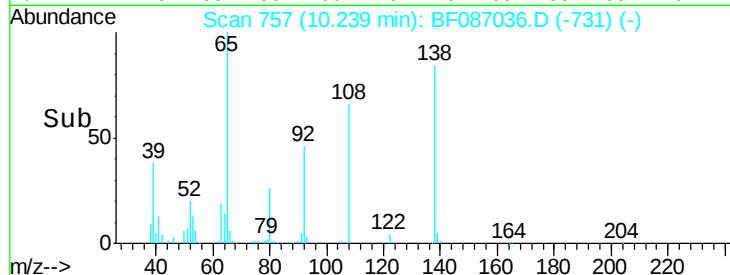
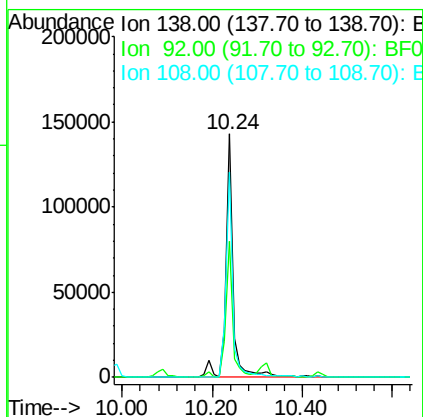
Manual Integrations
APPROVED

sohil

5/16/2016 6:58:42 PM



Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	24.7	64.7
108	84.2	37.4	77.4#



#62

Azobenzene

Concen: 42.95 ng

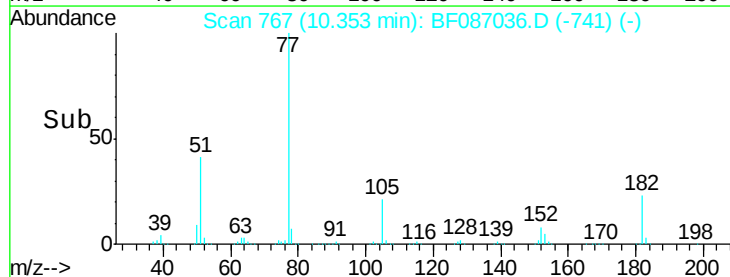
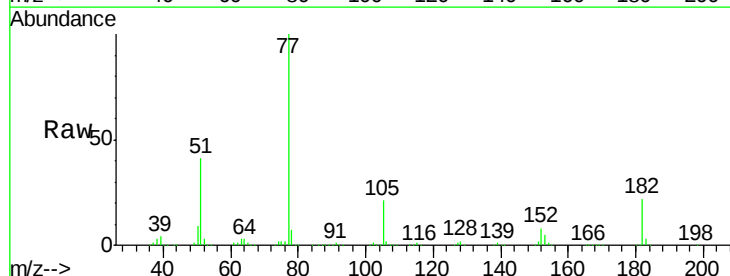
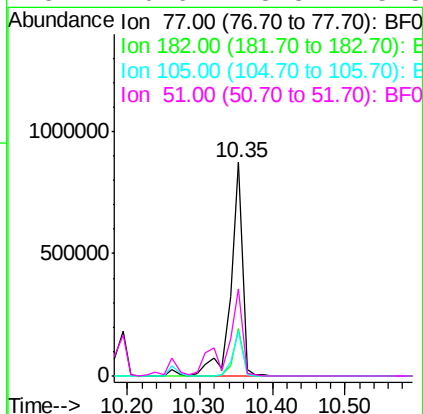
RT: 10.35 min Scan# 767

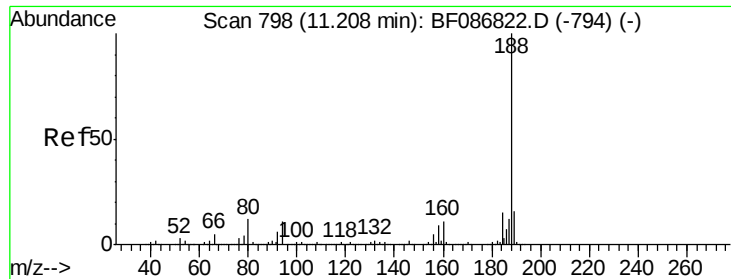
Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.5	0.0	38.8
105	21.3	3.2	43.2
51	40.6	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

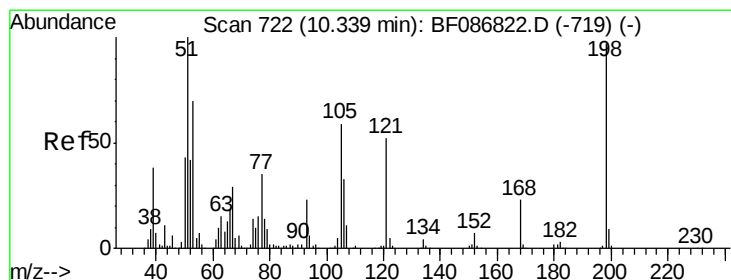
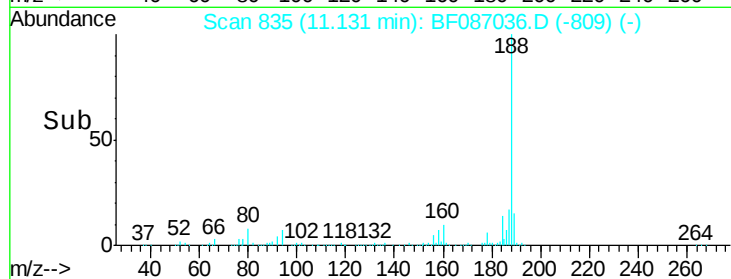
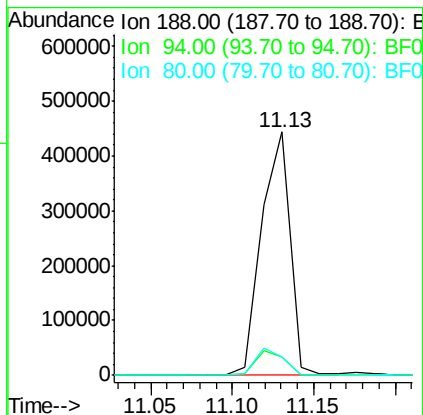
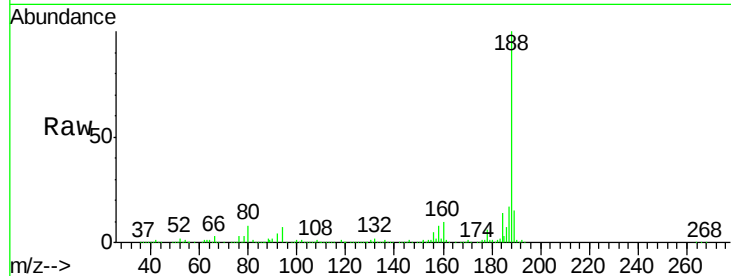
ClientSampleId :

PB90419BS

Tgt Ion:	188	Resp:	543405
Ion Ratio	100	Lower	Upper
188	100		
94	7.4	6.8	10.2
80	7.7	7.1	10.7

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 22.81 ng

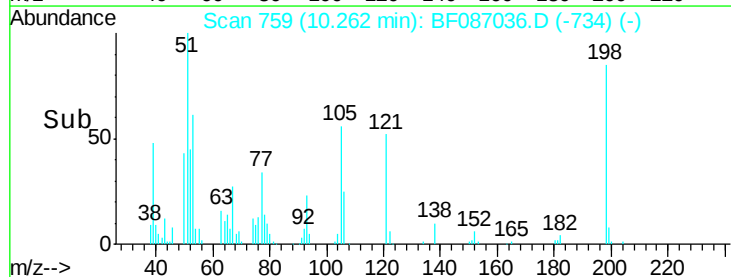
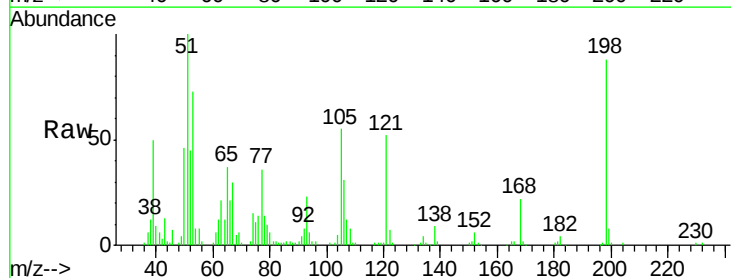
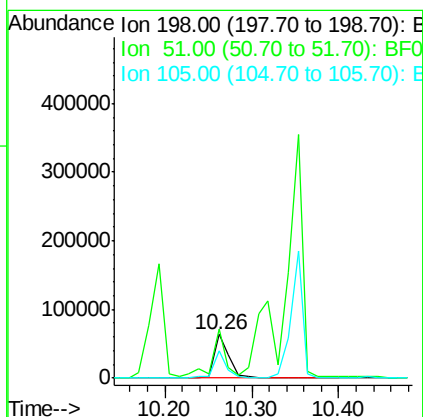
RT: 10.26 min Scan# 759

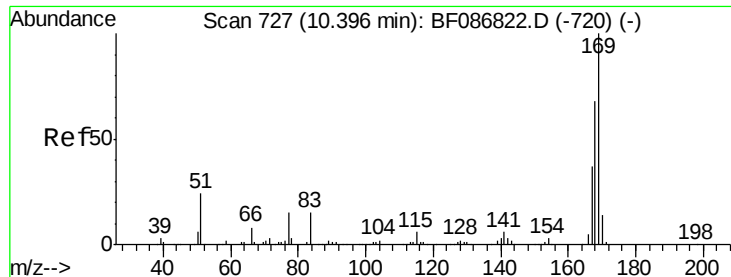
Delta R.T. -0.01 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Tgt Ion:	198	Resp:	76995
Ion Ratio	100	Lower	Upper
198	100		
51	113.3	20.5	60.5#
105	62.6	24.5	64.5





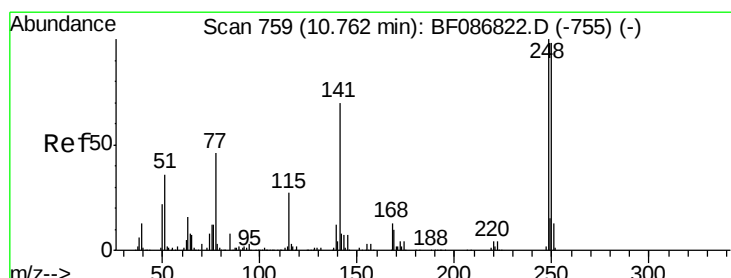
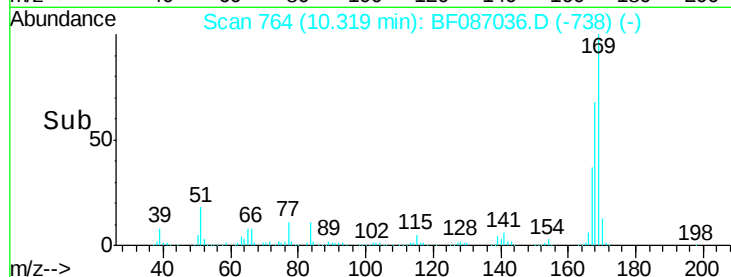
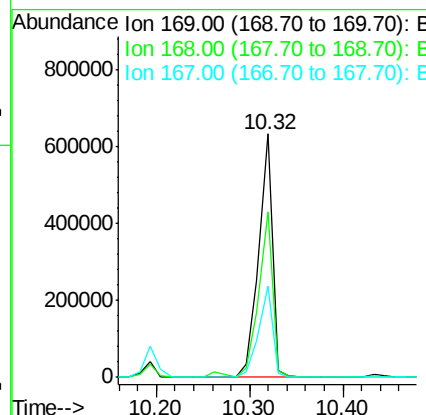
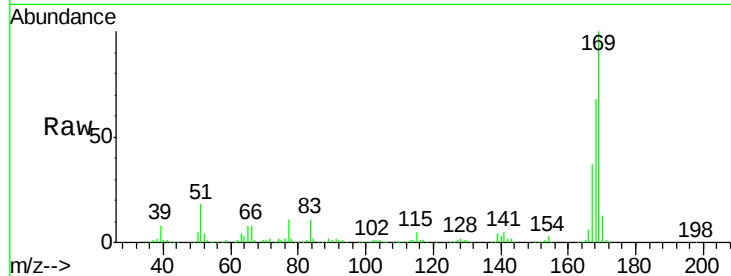
#65
n-Nitrosodiphenylamine
Concen: 39.12 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	653015		
168	67.7	53.8	80.6	
167	37.4	29.5	44.3	

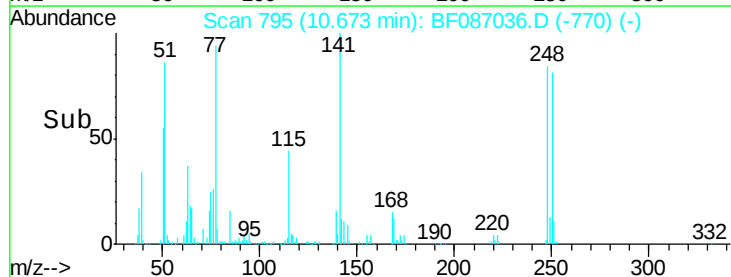
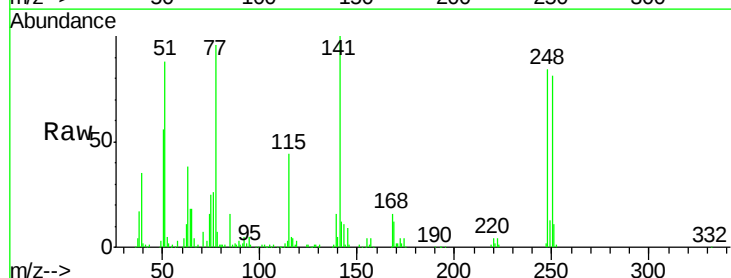
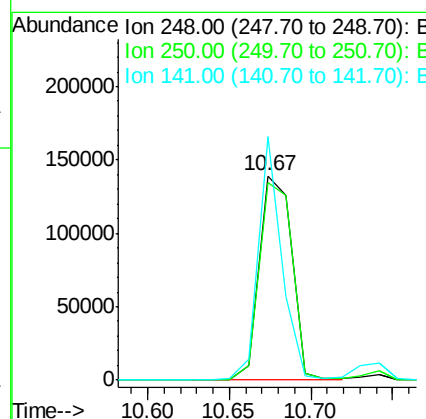
Manual Integrations
APPROVED

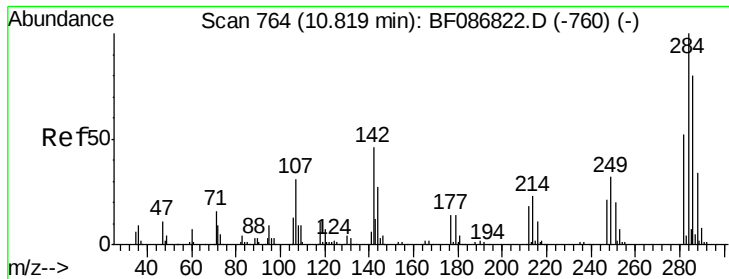
sohil
5/16/2016 6:58:42 PM



#66
4-Bromophenyl-phenylether
Concen: 35.06 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	193186		
250	96.7	78.6	117.8	
141	119.2	76.0	114.0#	





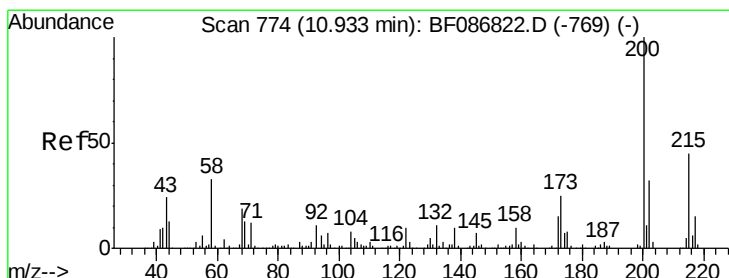
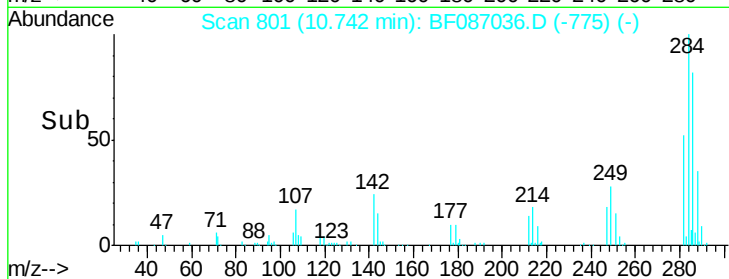
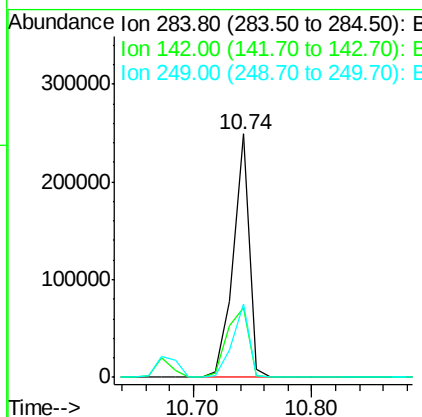
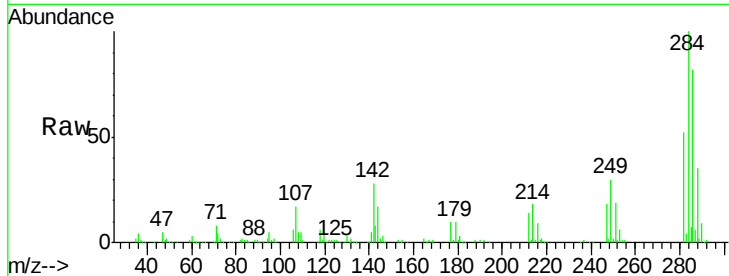
#67
Hexachlorobenzene
Concen: 36.57 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	235464		
142	28.5	16.7	25.1#	
249	30.0	21.3	31.9	

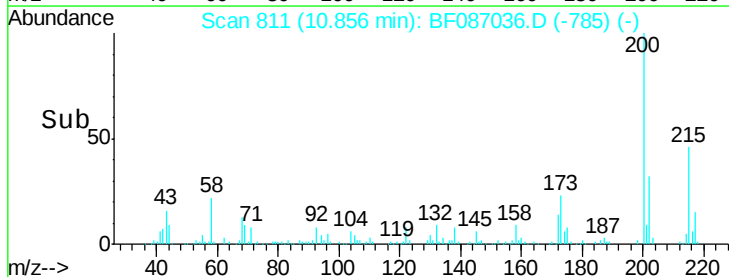
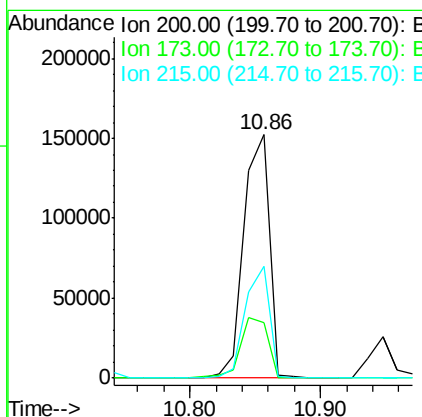
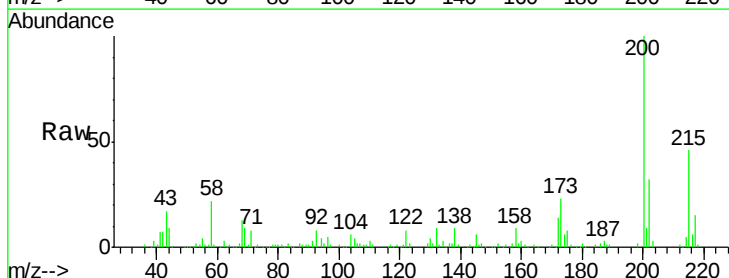
Manual Integrations
APPROVED

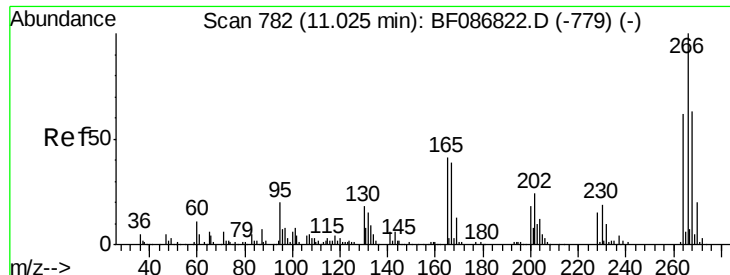
sohil
5/16/2016 6:58:42 PM



#68
Atrazine
Concen: 37.26 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	207821		
173	23.0	8.5	48.5	
215	45.7	27.2	67.2	





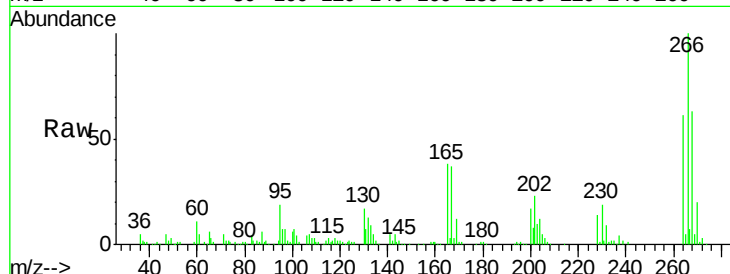
#69
 Pentachlorophenol
 Concen: 60.37 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

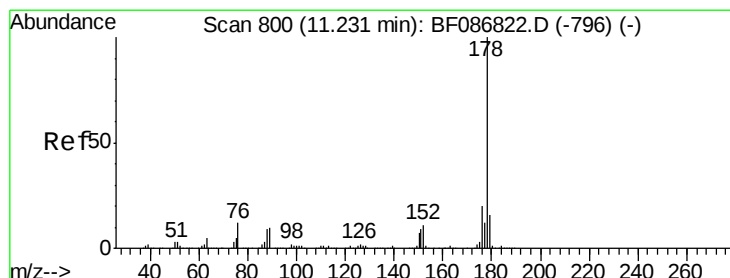
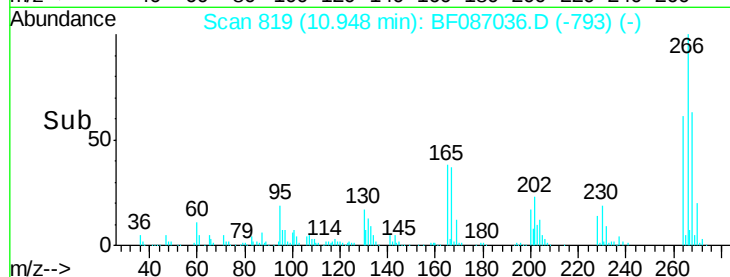
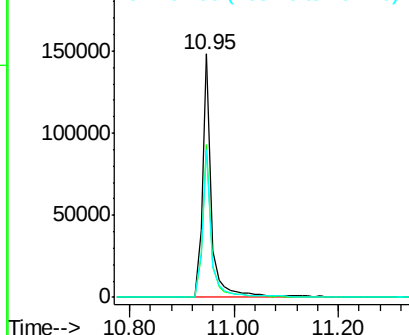
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	179656		
268	62.9	51.5	77.3	
264	60.8	52.9	79.3	

Manual Integrations
 APPROVED

sohil
 5/16/2016 6:58:42 PM

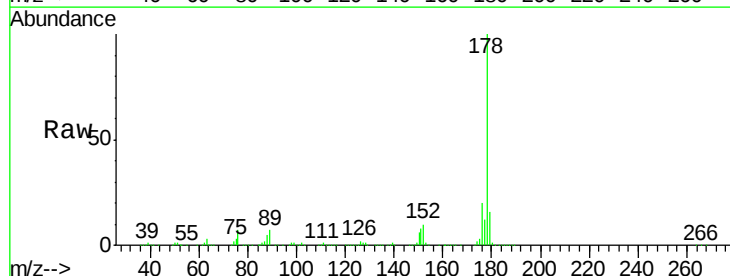


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

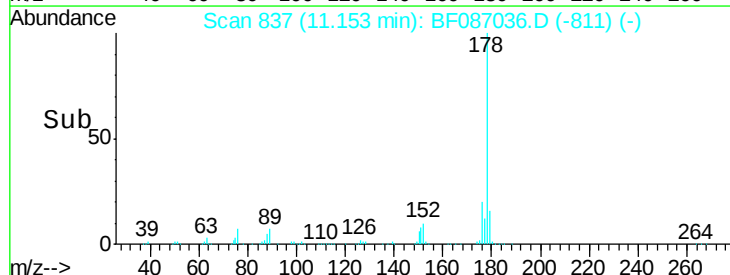
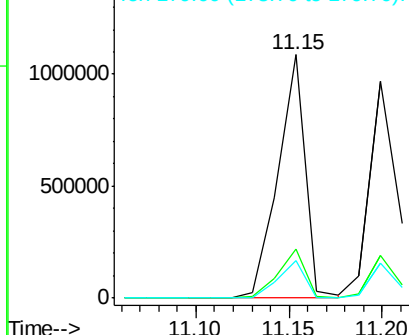


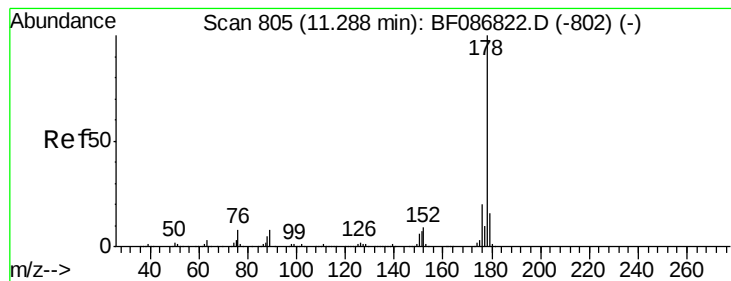
#70
 Phenanthrene
 Concen: 38.02 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1102535		
176	20.1	16.0	24.0	
179	15.6	12.6	18.8	



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





#71

Anthracene

Concen: 33.95 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF087036.D

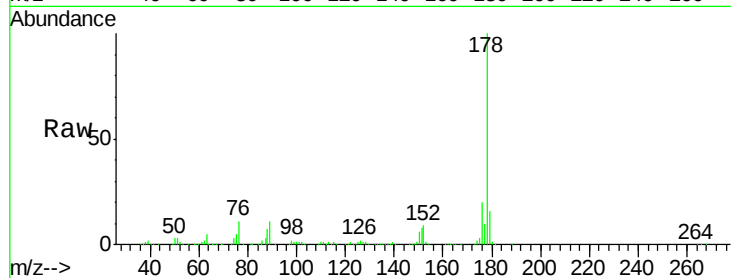
Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS



Tgt Ion:178 Resp: 1006818

Ion Ratio Lower Upper

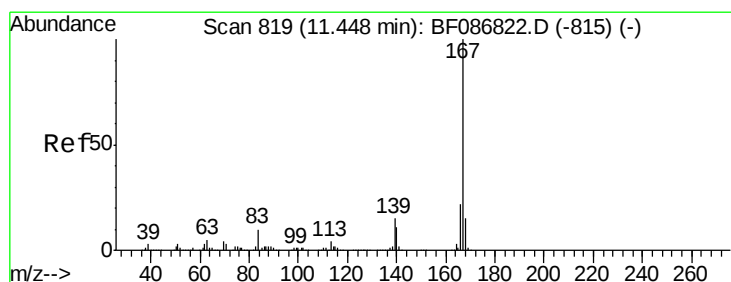
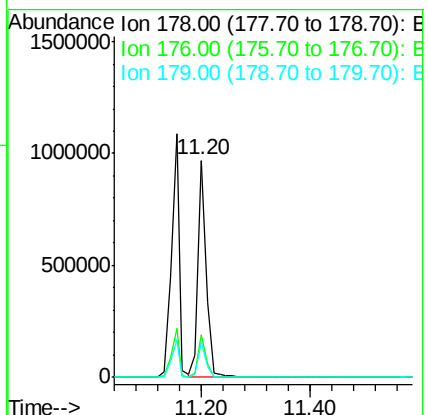
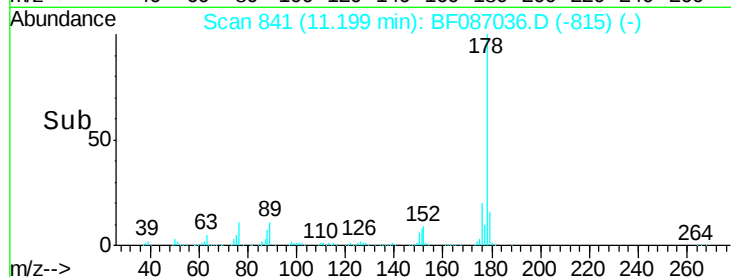
178 100

176 19.5 15.6 23.4

179 16.3 12.7 19.1

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#72

Carbazole

Concen: 37.97 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

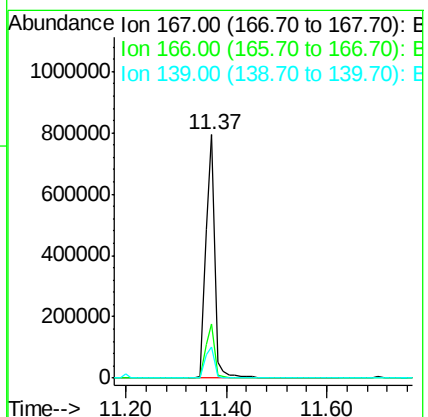
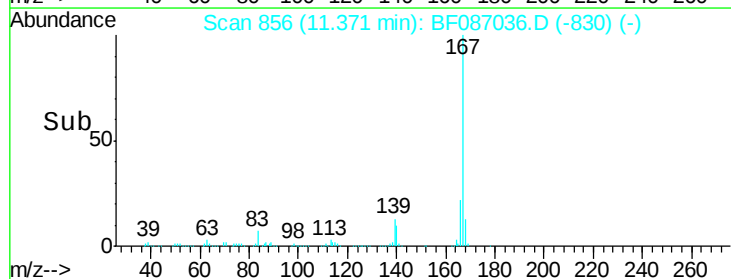
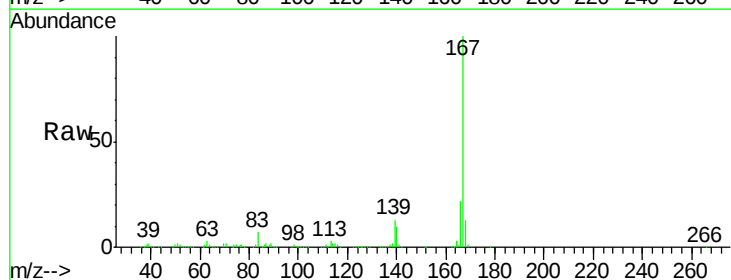
Tgt Ion:167 Resp: 968110

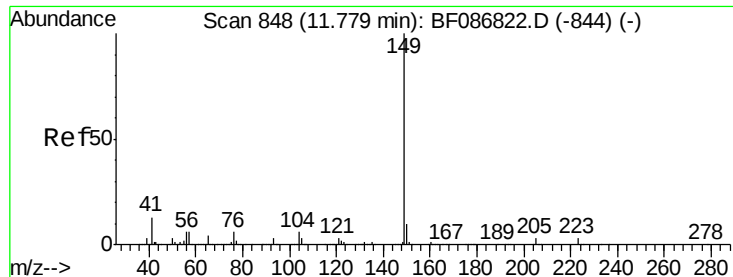
Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

139 12.7 10.8 16.2





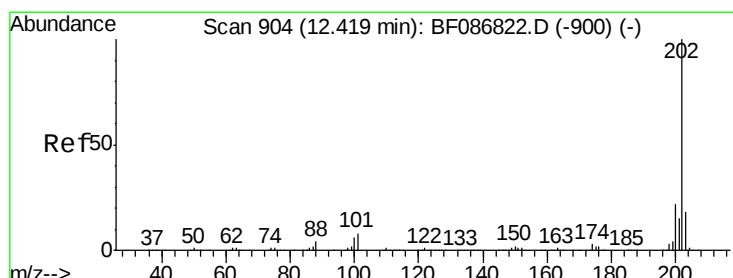
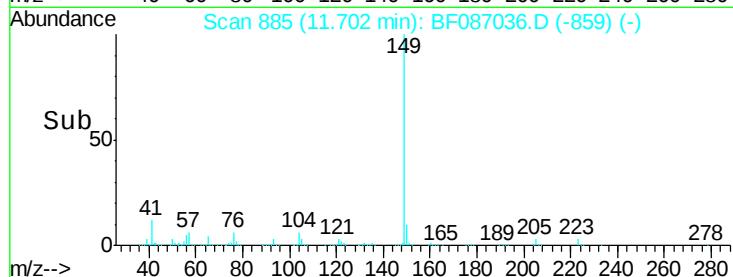
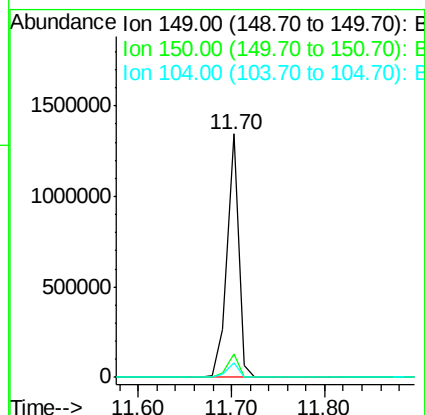
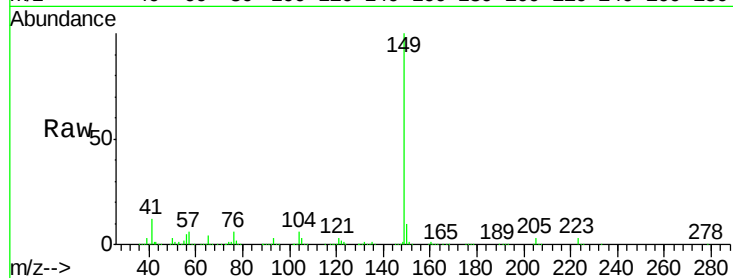
#73
Di-n-butylphthalate
Concen: 37.31 ng
RT: 11.70 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion:149 Resp: 1161610
Ion Ratio Lower Upper
149 100
150 9.6 7.6 11.4
104 6.0 3.8 5.6#

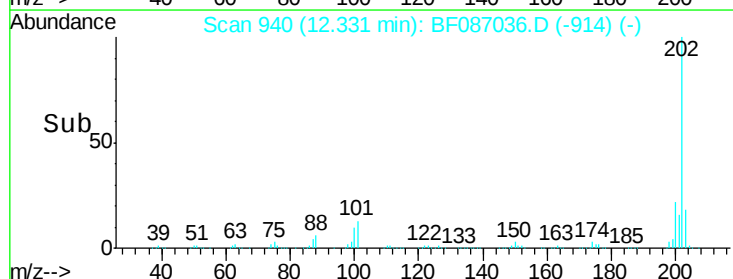
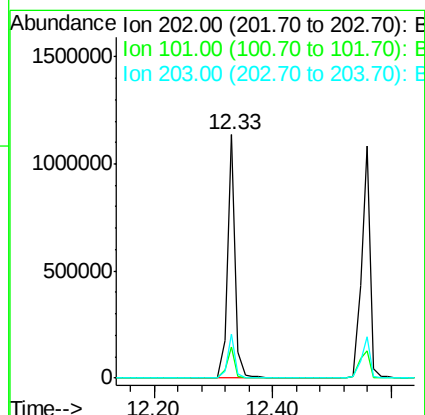
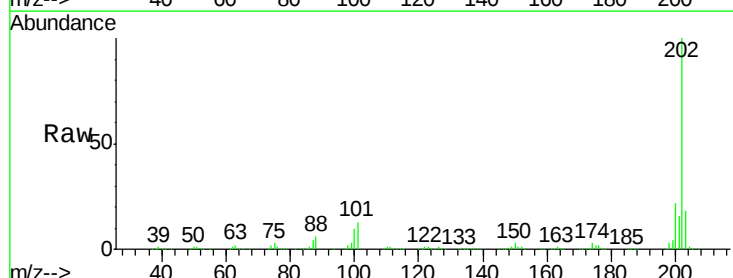
Manual Integrations
APPROVED

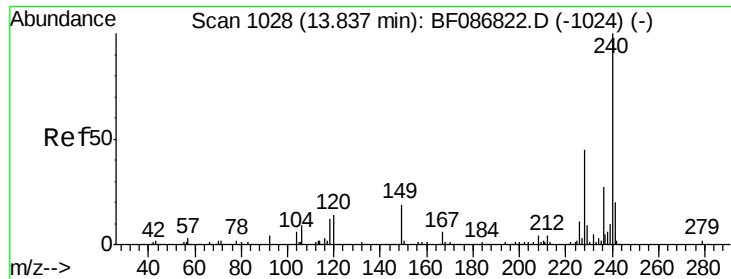
sohil
5/16/2016 6:58:42 PM



#74
Fluoranthene
Concen: 34.13 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion:202 Resp: 1017961
Ion Ratio Lower Upper
202 100
101 12.6 0.0 35.4
203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

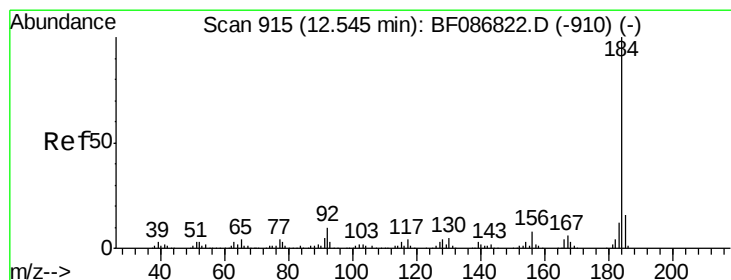
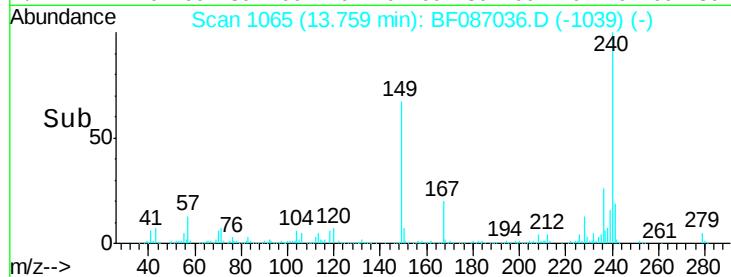
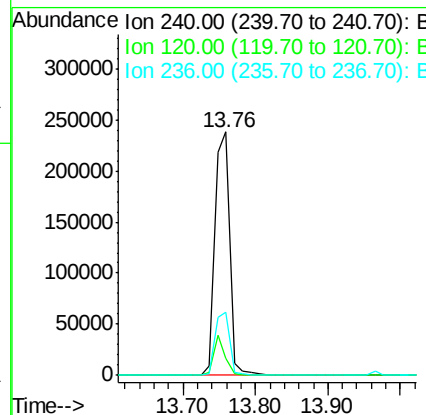
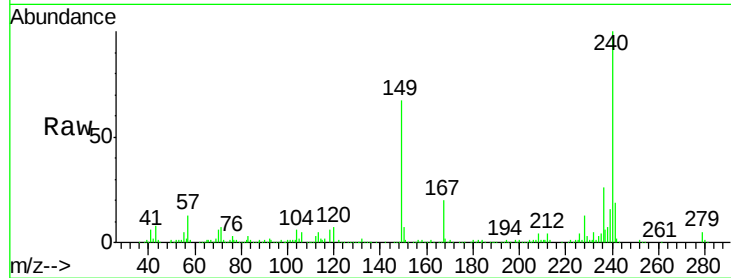
ClientSampleId :

PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	335859		
120	7.2	11.2	16.8#	
236	26.0	21.2	31.8	

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#76

Benzidine

Concen: 17.14 ng

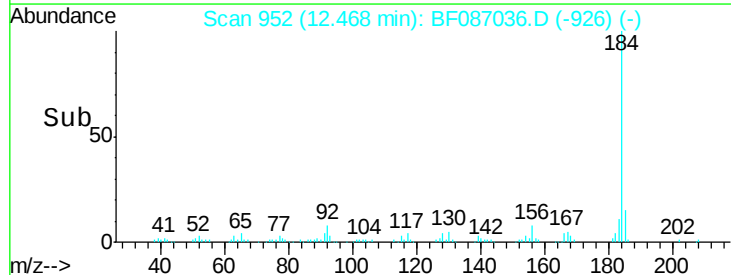
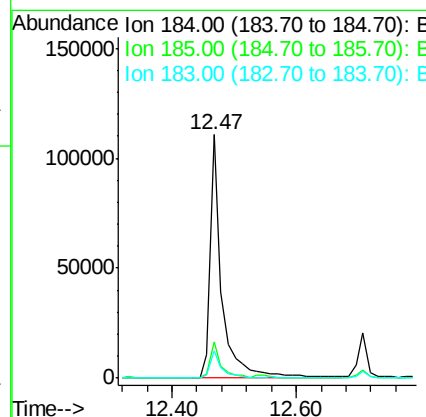
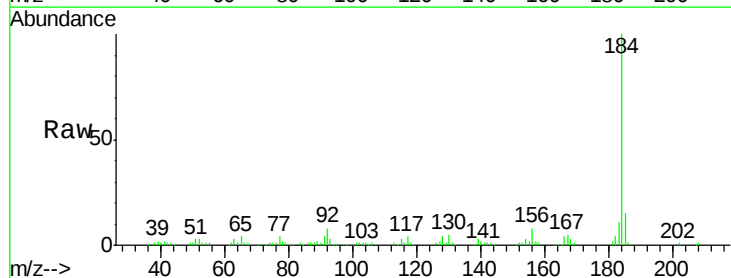
RT: 12.47 min Scan# 952

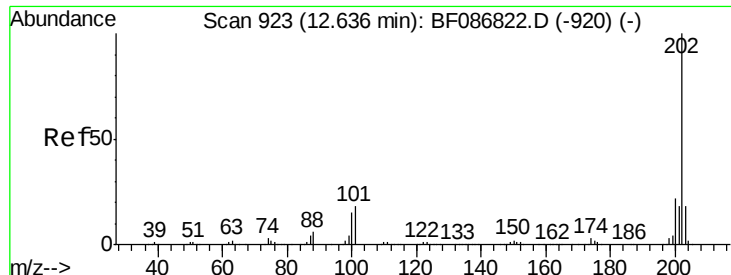
Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	146795		
185	15.0	13.6	20.4	
183	11.3	9.8	14.6	





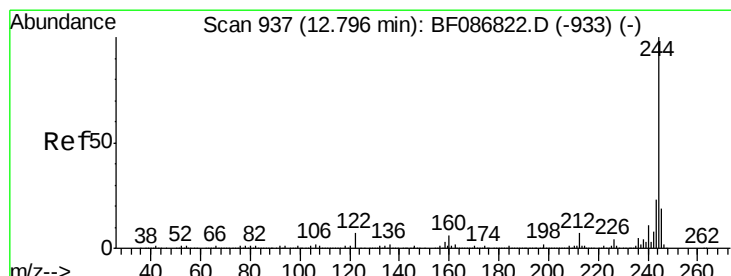
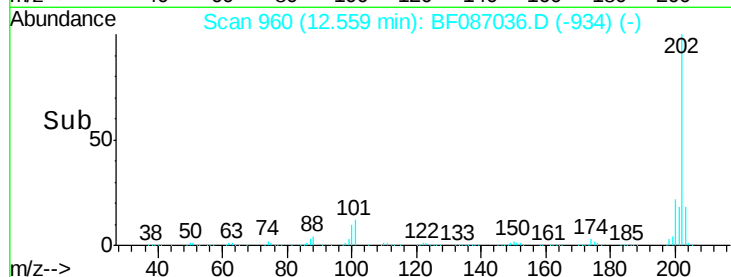
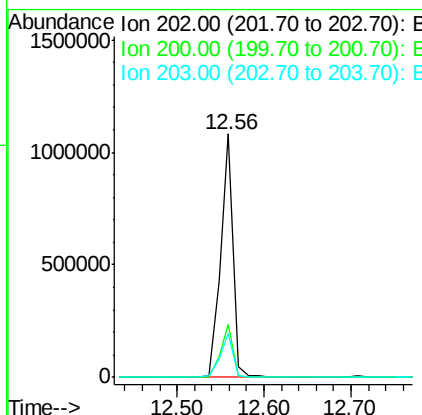
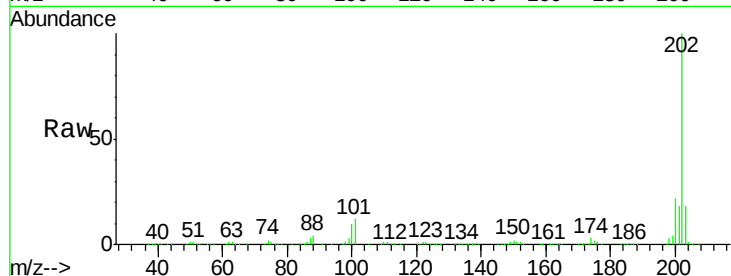
#77
 Pyrene
 Concen: 42.53 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.8	14.2	21.4

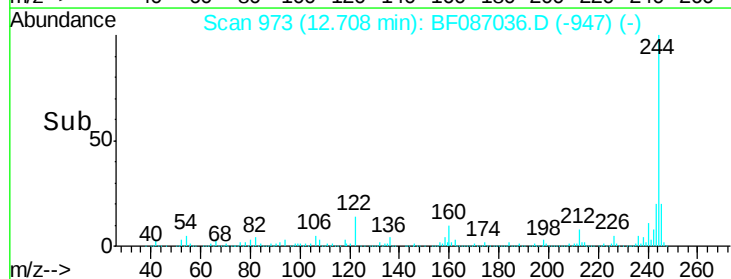
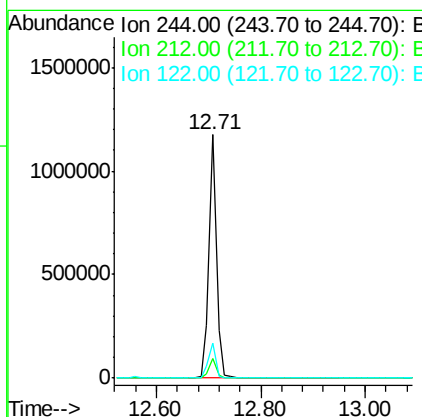
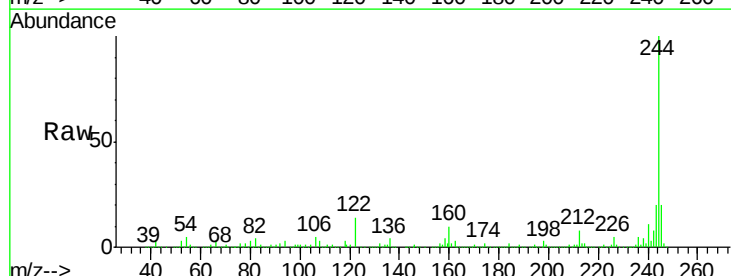
Manual Integrations
 APPROVED

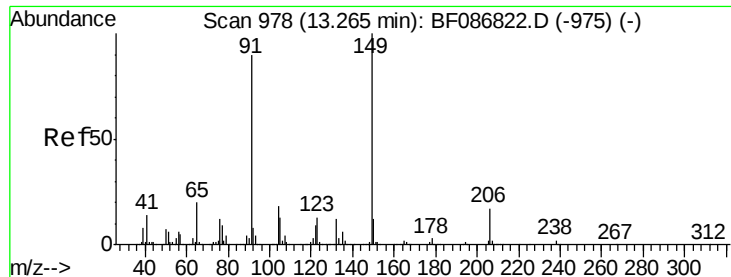
sohil
 5/16/2016 6:58:42 PM



#78
 Terphenyl-d14
 Concen: 74.04 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF087036.D
 Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.1	12.0	18.0





#79

Butylbenzylphthalate

Concen: 43.13 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF087036.D

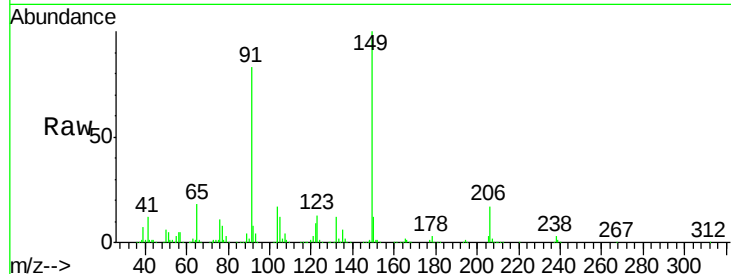
Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

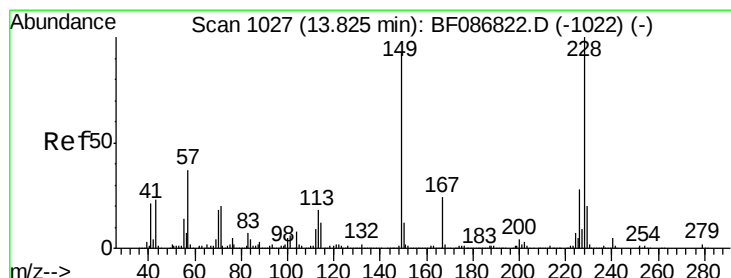
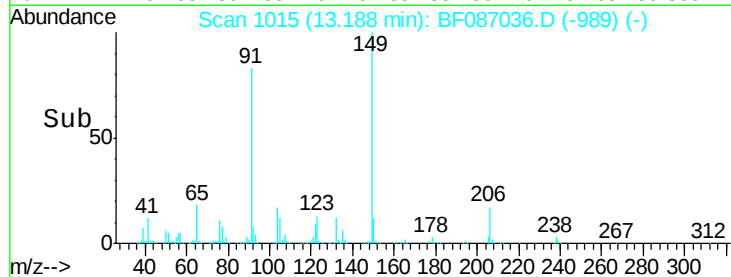
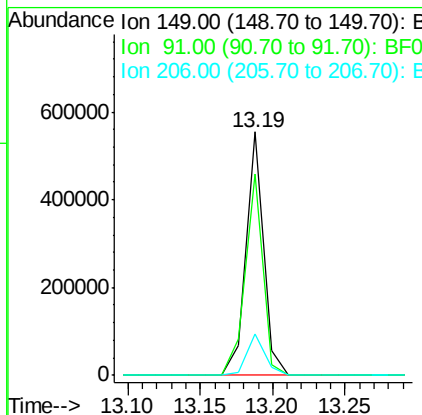
PB90419BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	469125		
91	82.7	48.0	72.0#	
206	17.1	15.8	23.6	

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#80

Benzo(a)anthracene

Concen: 40.09 ng

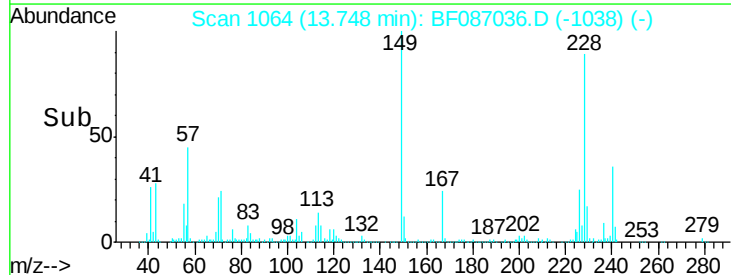
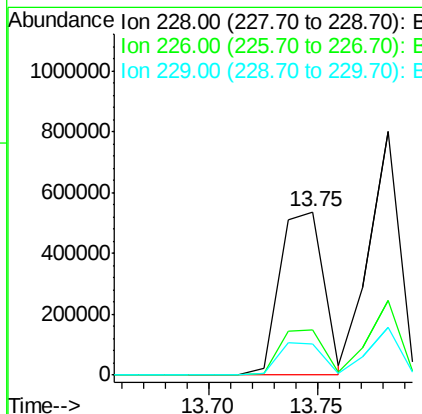
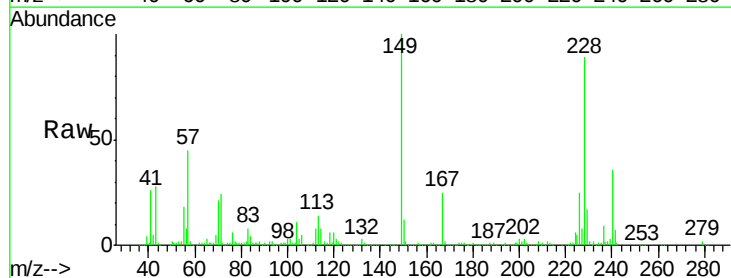
RT: 13.75 min Scan# 1064

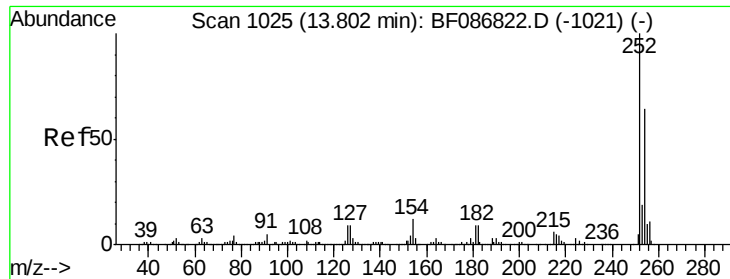
Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	755921		
226	27.7	22.5	33.7	
229	19.5	16.6	25.0	





#81

3,3'-Dichlorobenzidine

Concen: 10.22 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

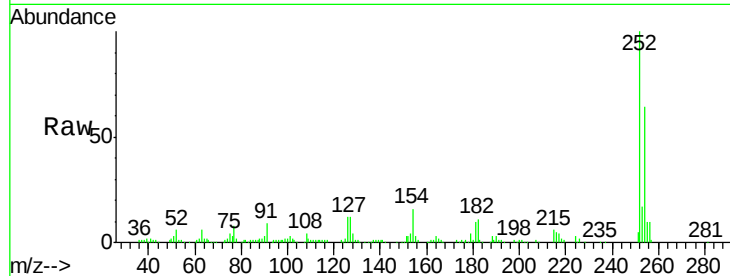
ClientSampleId :

PB90419BS

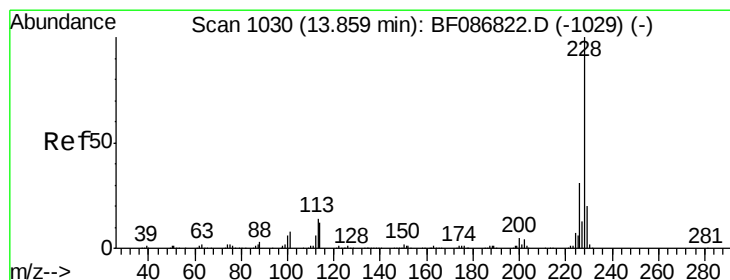
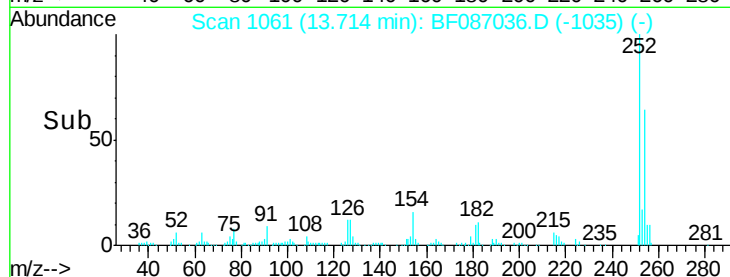
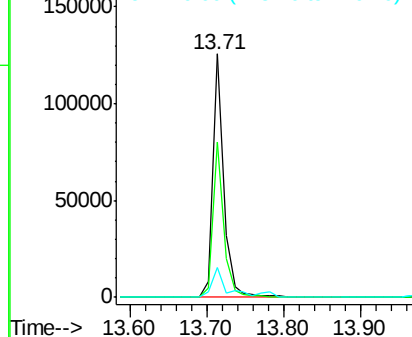
Tgt Ion:	252	Resp:	122420
Ion Ratio		Lower	Upper
252	100		
254	63.8	50.7	76.1
126	12.2	12.7	19.1#

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



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



#82

Chrysene

Concen: 41.74 ng

RT: 13.78 min Scan# 1067

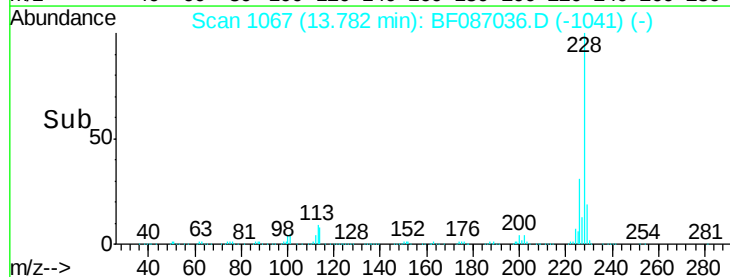
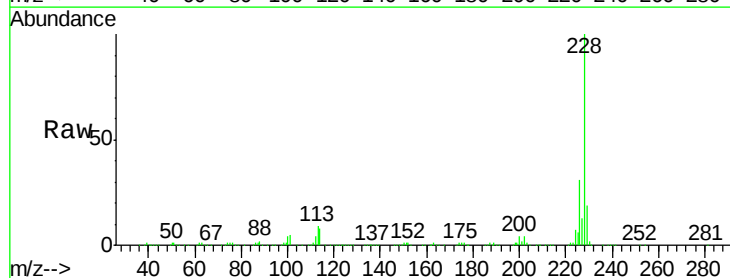
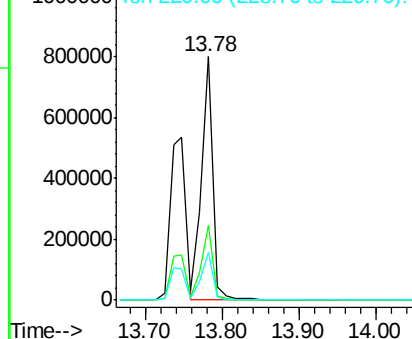
Delta R.T. -0.00 min

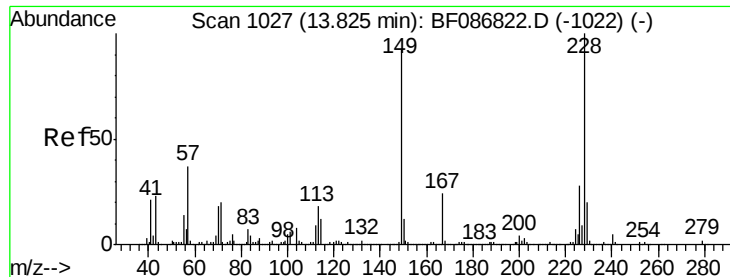
Lab File: BF087036.D

Acq: 14 May 2016 23:05

Tgt Ion:	228	Resp:	800480
Ion Ratio		Lower	Upper
228	100		
226	30.6	24.4	36.6
229	19.4	15.8	23.8

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.27 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

Tgt Ion:149 Resp: 566148
Ion Ratio Lower Upper

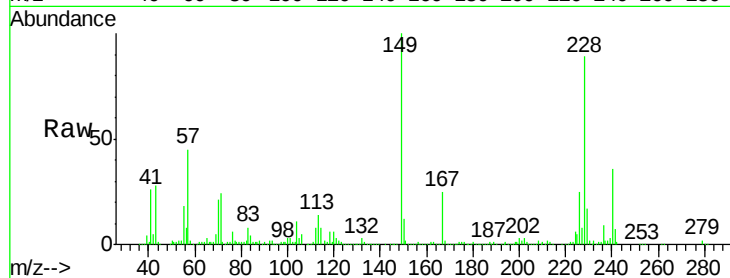
149 100

167 24.5 21.8 32.6

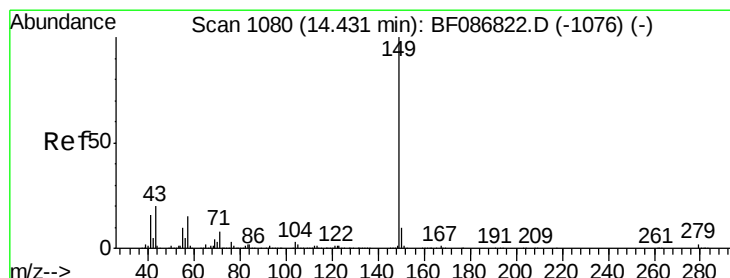
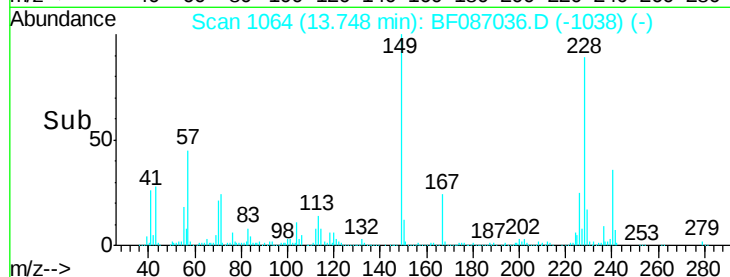
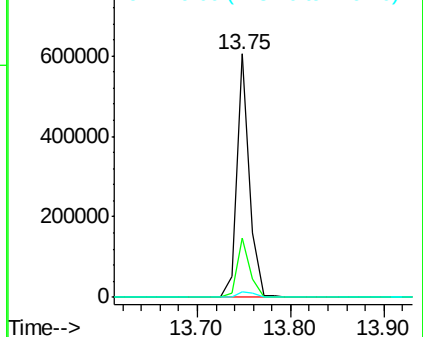
279 2.3 2.6 4.0#

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



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



#84

Di-n-octyl phthalate

Concen: 45.39 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF087036.D

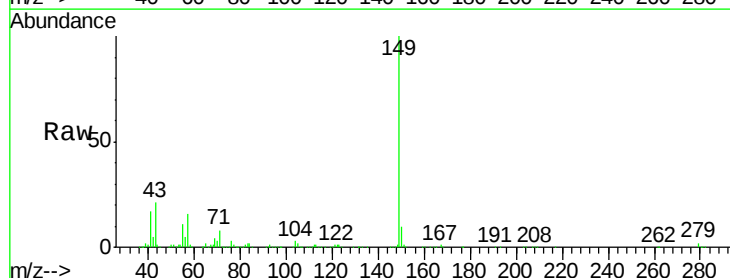
Acq: 14 May 2016 23:05

Tgt Ion:149 Resp: 983694
Ion Ratio Lower Upper

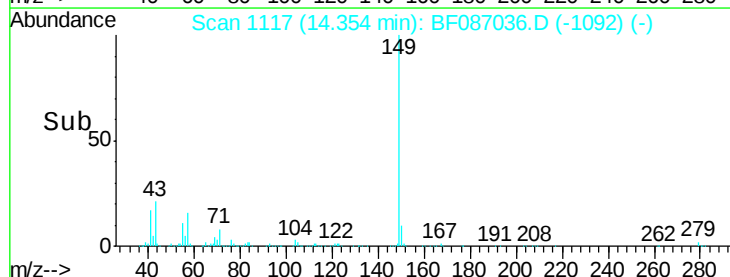
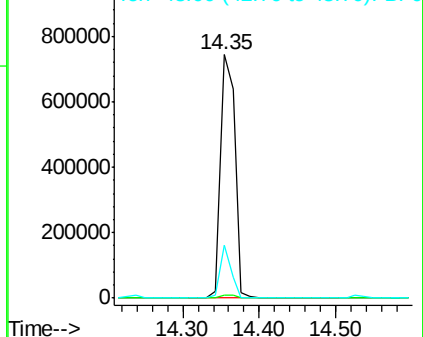
149 100

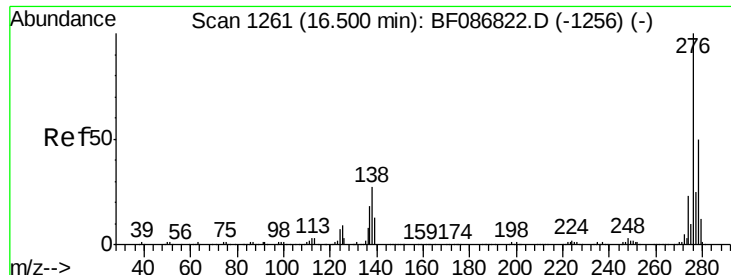
167 1.5 1.2 1.8

43 16.3 8.2 12.4#



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





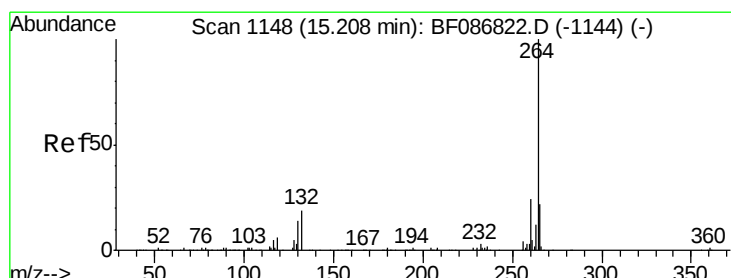
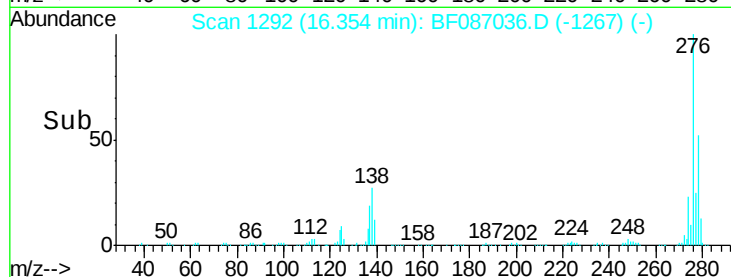
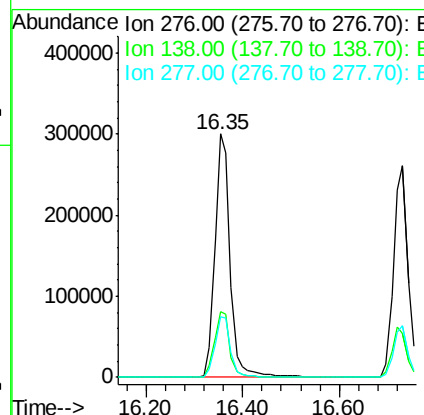
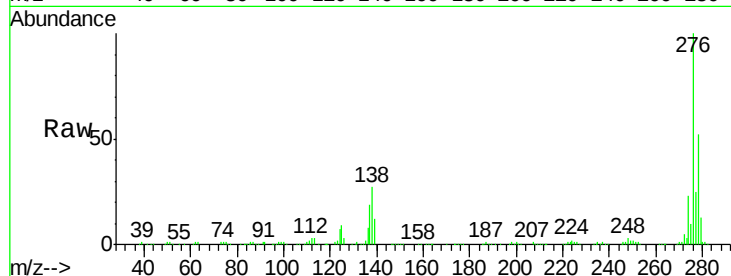
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.15 ng
RT: 16.35 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	672552		
138	27.5	25.6	38.4	
277	25.3	20.5	30.7	

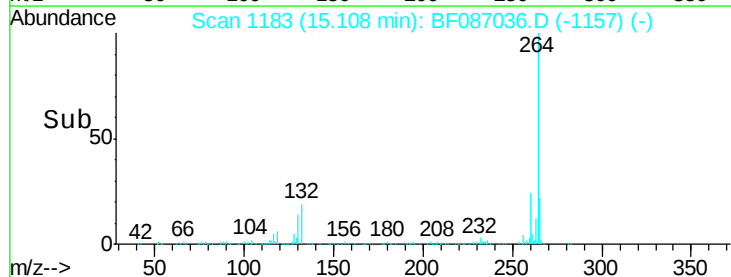
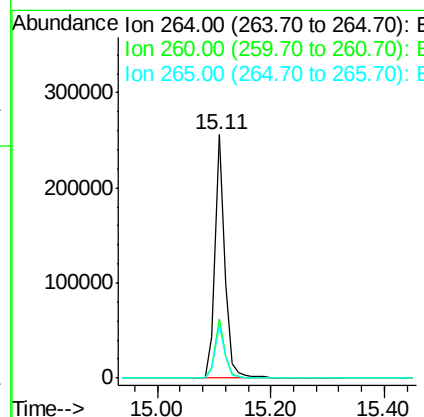
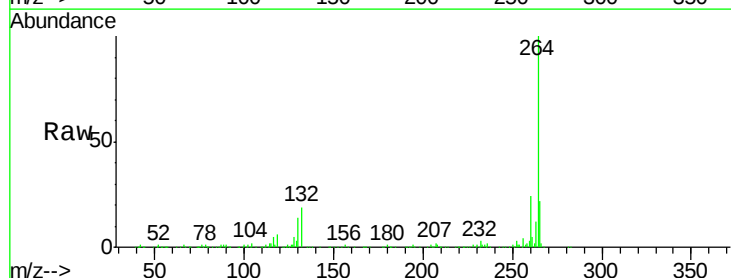
Manual Integrations
APPROVED

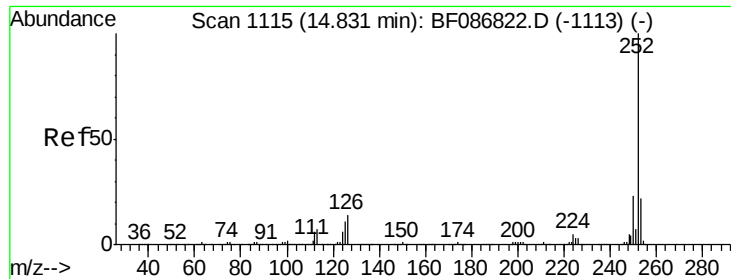
sohil
5/16/2016 6:58:42 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	297467		
260	24.3	19.5	29.3	
265	21.7	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 33.57 ng m

RT: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF087036.D

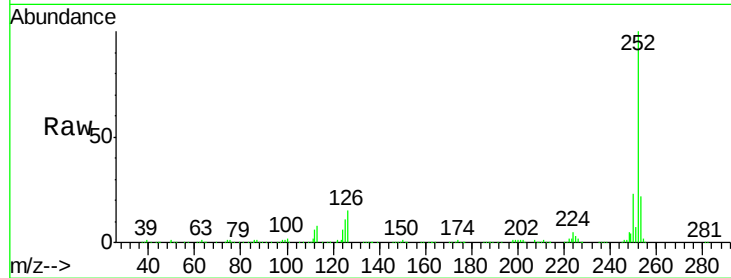
Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS



Tgt Ion: 252 Resp: 649066

Ion Ratio Lower Upper

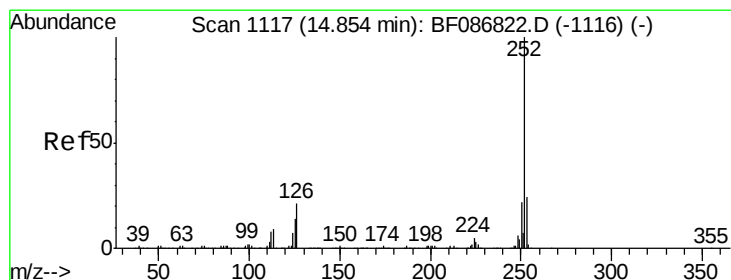
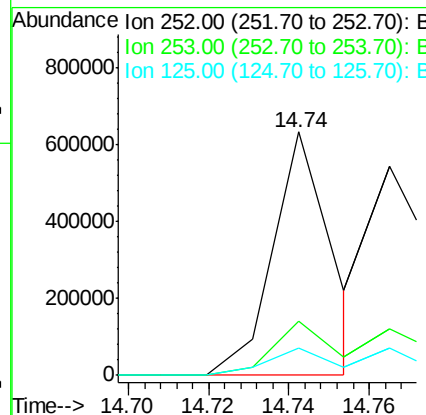
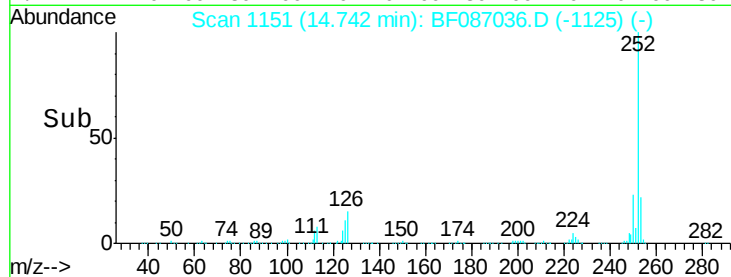
252 100

253 22.1 17.8 26.6

125 11.1 11.4 17.0

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM



#88

Benzo(k)fluoranthene

Concen: 39.61 ng m

RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

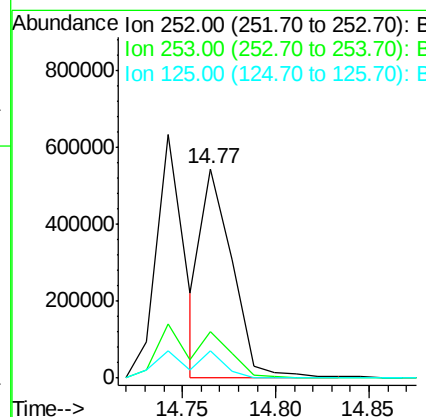
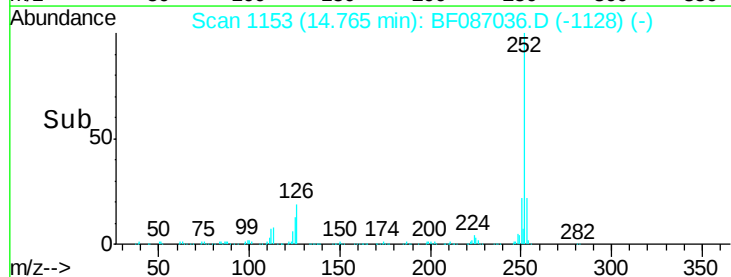
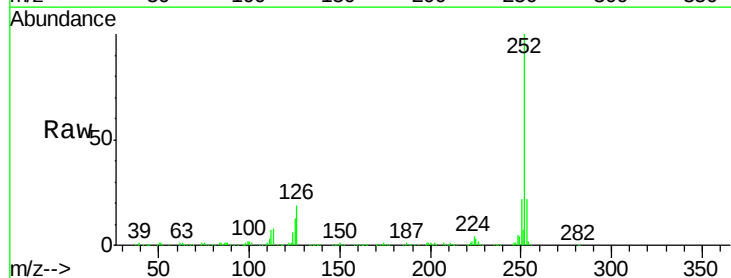
Tgt Ion: 252 Resp: 627010

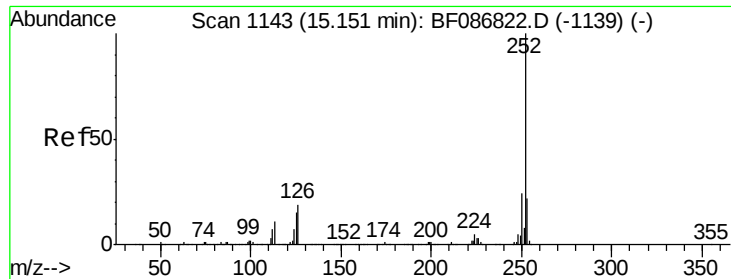
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 13.0 9.1 13.7





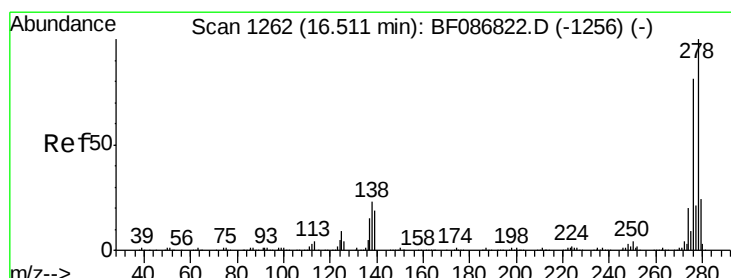
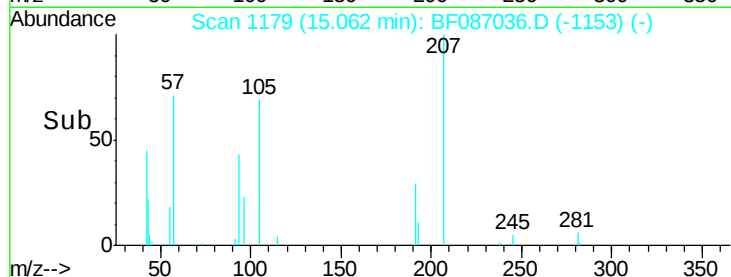
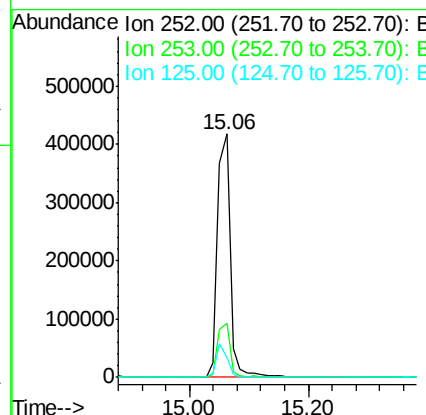
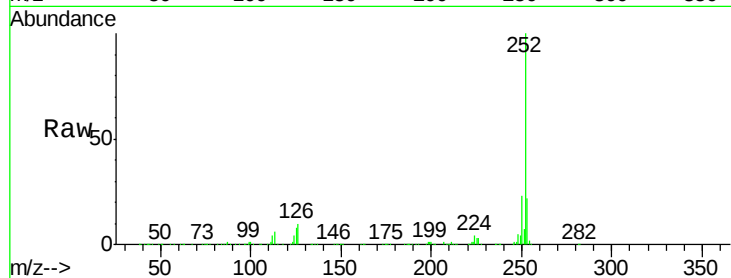
#89
Benzo(a)pyrene
Concen: 37.04 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90419BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	8.1	9.0	13.6

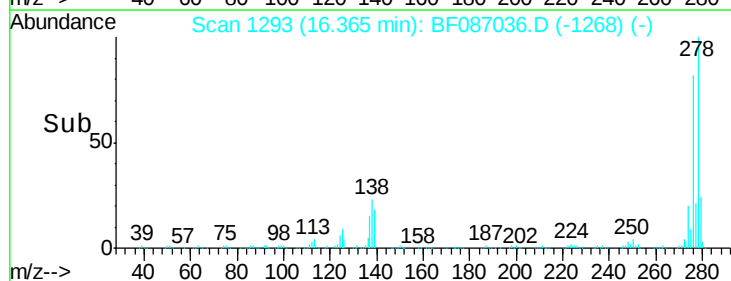
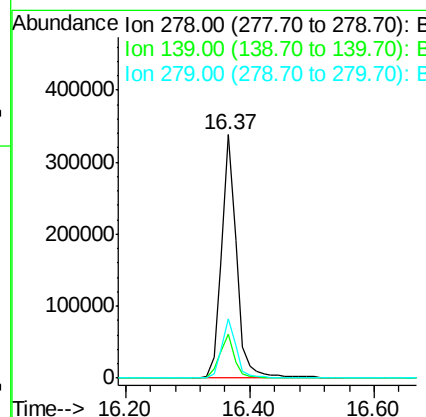
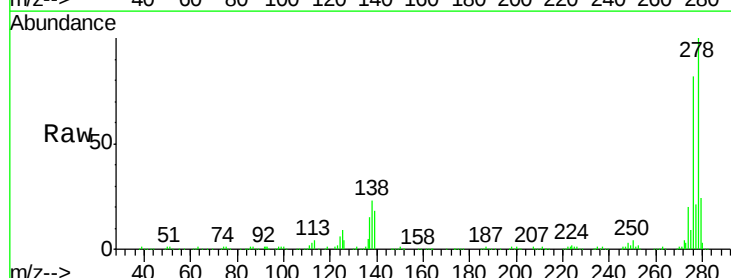
Manual Integrations
APPROVED

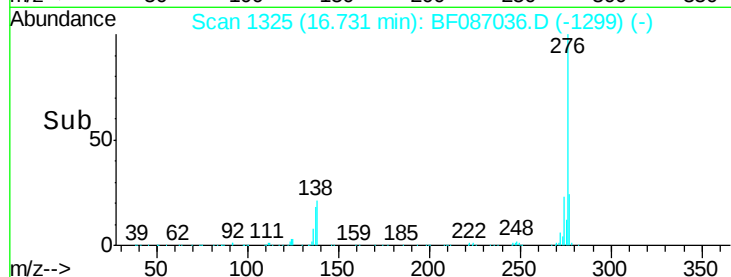
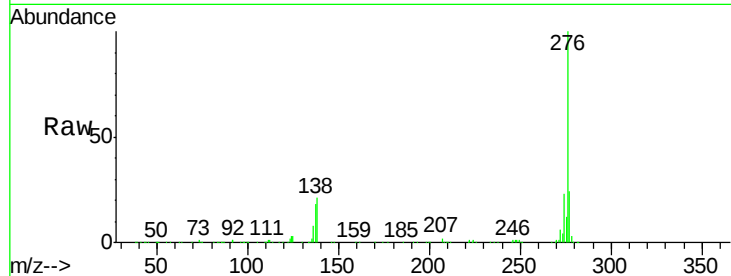
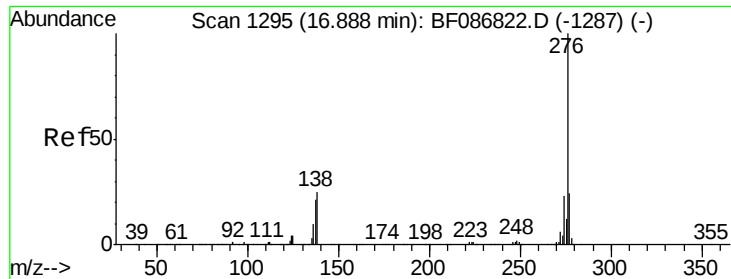
sohil
5/16/2016 6:58:42 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.83 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF087036.D
Acq: 14 May 2016 23:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	16.6	24.8
279	24.2	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 40.01 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF087036.D

Acq: 14 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90419BS

Tgt Ion: 276 Resp: 571308

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 20.8 23.6 35.4#

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:42 PM

