

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087099.D
 Acq On : 17 May 2016 13:13
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

sohil
 5/18/2016 6:56:23 PM

Quant Time: May 17 16:43:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 14:49:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	155041	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	663015	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	307257	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	581129	20.00	ng	0.01
75) Chrysene-d12	13.75	240	430808	20.00	ng	0.00
86) Perylene-d12	15.10	264	345235	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1143987	124.96	ng	0.01
7) Phenol-d6	6.27	99	1431834	117.02	ng	0.00
23) Nitrobenzene-d5	7.19	82	1632470	123.63	ng	0.01
41) 2,4,6-Tribromophenol	10.43	330	422207	129.80	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	1907398	104.33	ng	0.00
78) Terphenyl-d14	12.70	244	2170744	106.91	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.02	88	273809	60.92	ng	# 74
3) Pyridine	2.66	79	666784	60.69	ng	# 66
4) n-Nitrosodimethylamine	2.64	42	498287	62.54	ng	# 50
6) Aniline	6.27	93	930806	62.90	ng	# 81
8) 2-Chlorophenol	6.39	128	635725	57.55	ng	# 82
9) Benzaldehyde	6.15	77	335180	47.31	ng	96
10) Phenol	6.28	94	769233	52.89	ng	# 59
11) bis(2-Chloroethyl)ether	6.35	93	694077	61.21	ng	92
12) 1,3-Dichlorobenzene	6.54	146	692195m	57.90	ng	
13) 1,4-Dichlorobenzene	6.62	146	717904	58.89	ng	95
14) 1,2-Dichlorobenzene	6.78	146	567409	53.40	ng	94
15) Benzyl Alcohol	6.76	79	548604	64.93	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1313419	53.27	ng	63
17) 2-Methylphenol	6.89	107	529082	60.19	ng	# 76
18) Hexachloroethane	7.11	117	280960	61.25	ng	92
19) n-Nitroso-di-n-propylamine	7.04	70	477559	55.85	ng	# 68
20) 3+4-Methylphenols	7.05	107	684374	59.61	ng	# 62
22) Acetophenone	7.03	105	925952	59.13	ng	# 96
24) Nitrobenzene	7.20	77	712948	52.49	ng	96
25) Isophorone	7.44	82	1427527	58.27	ng	98
26) 2-Nitrophenol	7.52	139	377622	63.25	ng	95
27) 2,4-Dimethylphenol	7.58	122	617822	60.75	ng	89
28) bis(2-Chloroethoxy)methane	7.66	93	764876	57.88	ng	98
29) 2,4-Dichlorophenol	7.77	162	533271	59.57	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	577275	57.68	ng	99
31) Naphthalene	7.91	128	1714095	51.62	ng	98
32) Benzoic acid	7.76	122	394796	66.09	ng	# 79
33) 4-Chloroaniline	7.98	127	750728	58.18	ng	# 90
34) Hexachlorobutadiene	8.03	225	321709	55.40	ng	98
35) Caprolactam	8.39	113	176996	58.11	ng	# 52
36) 4-Chloro-3-methylphenol	8.49	107	648152	59.70	ng	98
37) 2-Methylnaphthalene	8.60	142	1212470	62.45	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	506262	56.67	ng	99
40) Hexachlorocyclopentadiene	8.75	237	204597	48.25	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
 Data File : BF087099.D
 Acq On : 17 May 2016 13:13
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

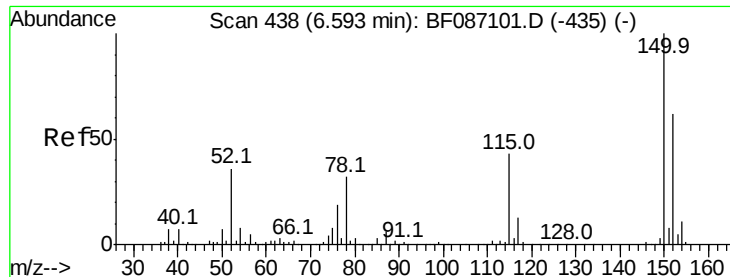
Manual Integrations
 APPROVED

sohil
 5/18/2016 6:56:23 PM

Quant Time: May 17 16:43:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 14:49:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	349789	58.55	nq	95
43) 2,4,5-Trichlorophenol	8.95	196	356253	57.67	nq	95
45) 1,1'-Biphenyl	9.07	154	1532981	62.73	nq	97
46) 2-Chloronaphthalene	9.10	162	1178338	61.54	nq	99
47) 2-Nitroaniline	9.20	65	425782	60.84	nq #	74
48) Acenaphthylene	9.50	152	1726751	61.31	nq	99
49) Dimethylphthalate	9.38	163	1378901	58.82	nq	99
50) 2,6-Dinitrotoluene	9.45	165	297244	60.25	nq #	87
51) Acenaphthene	9.68	154	1120097	63.93	nq	98
52) 3-Nitroaniline	9.62	138	344628	66.36	nq	87
53) 2,4-Dinitrophenol	9.74	184	164037	79.88	nq #	86
54) Dibenzofuran	9.85	168	1391739	61.89	nq	98
55) 4-Nitrophenol	9.82	139	207848m	67.26	nq	
56) 2,4-Dinitrotoluene	9.85	165	334371	54.77	nq #	72
57) Fluorene	10.18	166	1078469	56.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	280846	60.38	nq	98
59) Diethylphthalate	10.08	149	1236150	54.11	nq	98
60) 4-Chlorophenyl-phenylether	10.18	204	522405	53.54	nq	92
61) 4-Nitroaniline	10.24	138	306514	61.45	nq #	72
62) Azobenzene	10.34	77	1473057	59.77	nq	88
64) 4,6-Dinitro-2-methylphenol	10.26	198	225747	62.53	nq #	38
65) n-Nitrosodiphenylamine	10.31	169	940237	52.67	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	345269	58.60	nq #	74
67) Hexachlorobenzene	10.73	284	363084	52.73	nq #	76
68) Atrazine	10.84	200	289557	48.55	nq	95
69) Pentachlorophenol	10.94	266	166950	52.46	nq	98
70) Phenanthrene	11.14	178	1649022	53.17	nq	99
71) Anthracene	11.19	178	1795777	56.62	nq	100
72) Carbazole	11.36	167	1648523	60.46	nq	98
73) Di-n-butylphthalate	11.69	149	1886276	56.65	nq #	98
74) Fluoranthene	12.32	202	1572047	49.28	nq	98
76) Benzidine	12.46	184	575712	52.42	nq	99
77) Pyrene	12.55	202	1667305	50.55	nq	99
79) Butylbenzylphthalate	13.18	149	761568	54.59	nq #	72
80) Benzo(a)anthracene	13.74	228	1314215	54.34	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	917012	59.68	nq #	94
82) Chrysene	13.77	228	1255141	51.02	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	878902	52.37	nq	97
84) Di-n-octyl phthalate	14.34	149	1539214	55.37	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.35	276	1197478	58.50	nq	95
87) Benzo(b)fluoranthene	14.74	252	1587034m	70.73	nq	
88) Benzo(k)fluoranthene	14.77	252	852744m	46.42	nq	
89) Benzo(a)pyrene	15.05	252	1115257	57.63	nq	98
90) Dibenzo(a,h)anthracene	16.37	278	994313	60.96	nq #	93
91) Benzo(g,h,i)perylene	16.72	276	1025971	61.91	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:152 Resp: 155041

Ion Ratio Lower Upper

152 100

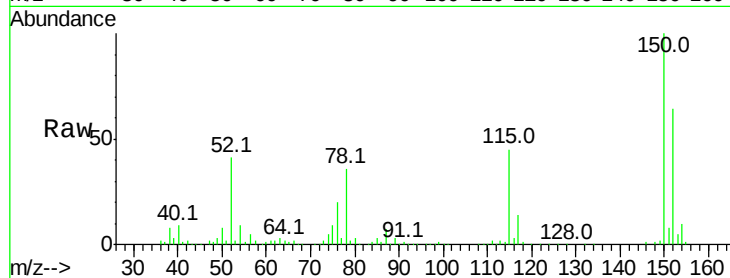
150 156.0 125.8 188.6

115 70.4 51.5 77.3

Manual Integrations
APPROVED

sohil

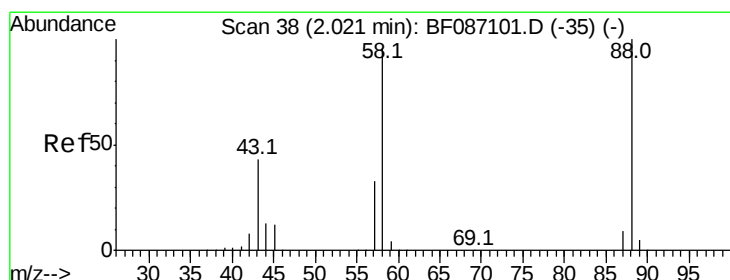
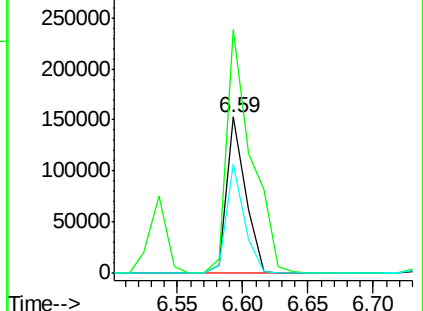
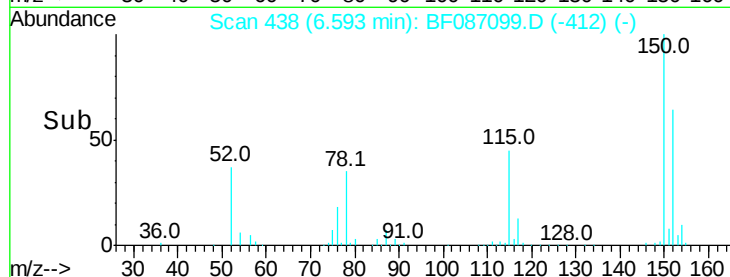
5/18/2016 6:56:23 PM



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: 60.92 ng

RT: 2.02 min Scan# 38

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

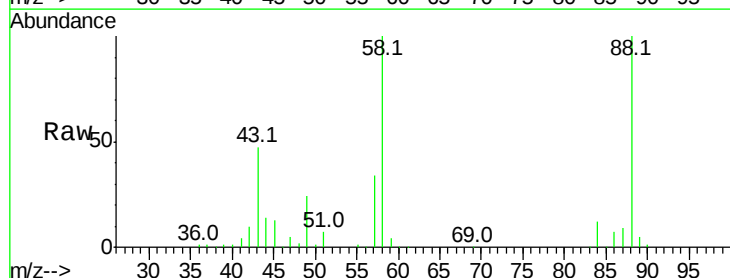
Tgt Ion: 88 Resp: 273809

Ion Ratio Lower Upper

88 100

58 94.1 59.6 89.4#

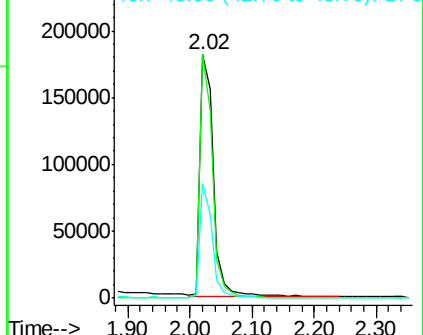
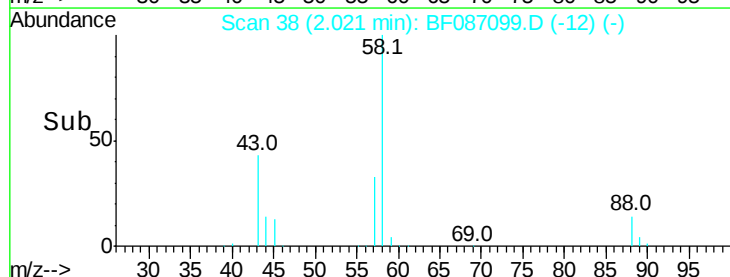
43 44.8 21.8 32.6#

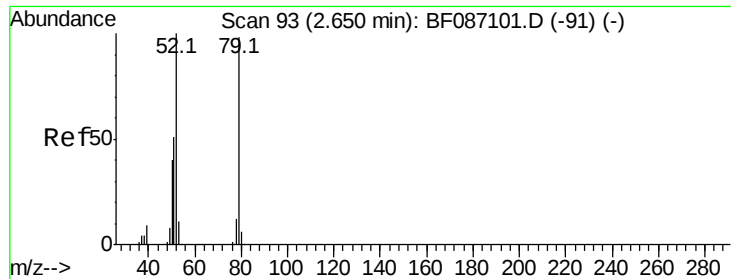


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





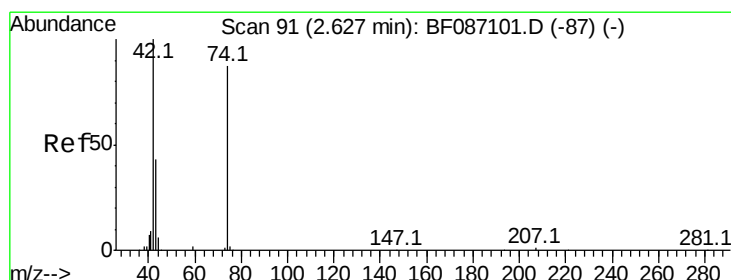
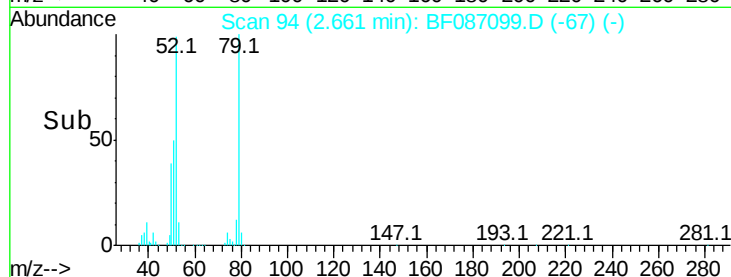
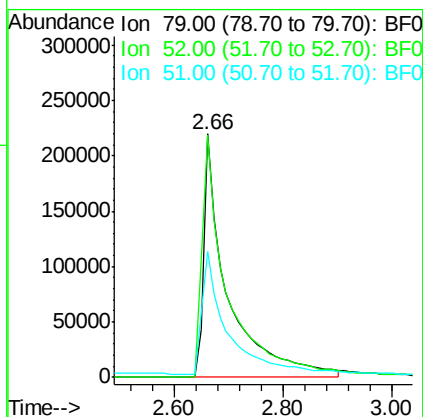
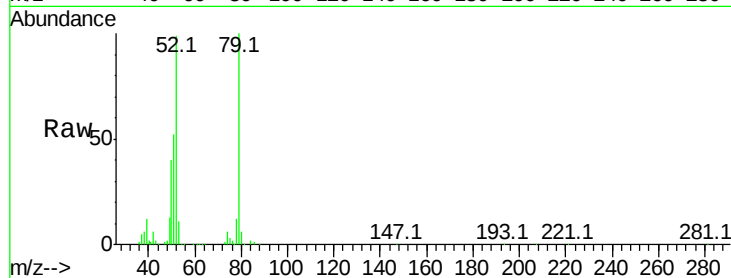
#3
 Pvridine
 Concen: 60.69 ng
 RT: 2.66 min Scan# 94
 Delta R.T. 0.01 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
79	100		
52	99.4	55.9	83.9#
51	51.8	28.1	42.1#

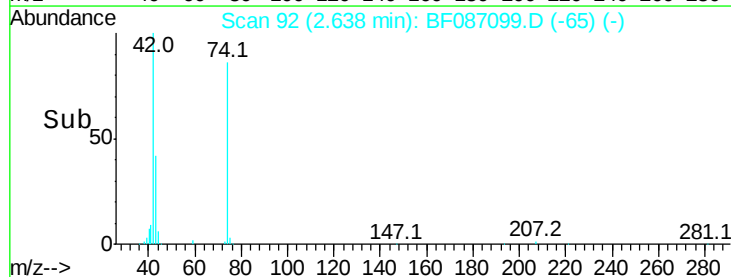
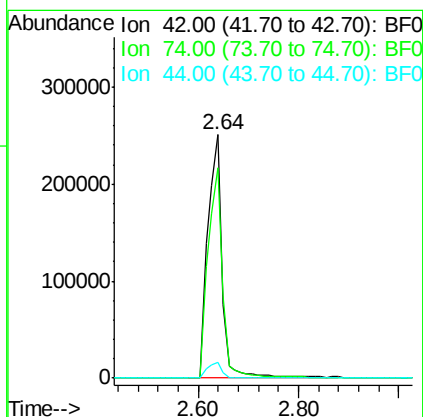
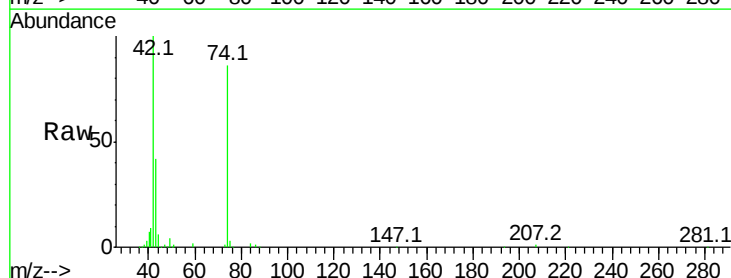
Manual Integrations
 APPROVED

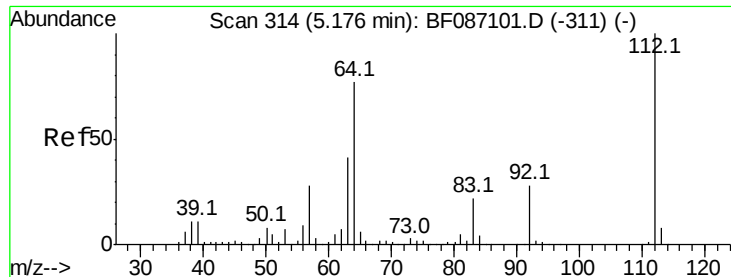
sohil
 5/18/2016 6:56:23 PM



#4
 n-Nitrosodimethylamine
 Concen: 62.54 ng
 RT: 2.64 min Scan# 92
 Delta R.T. 0.01 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	86.2	123.4	185.0#
44	6.4	5.8	8.6





#5

2-Fluorophenol

Concen: 124.96 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampled :

SSTDIC060

Tot Ion:112 Resp: 1143987

Ion Ratio Lower Upper

112 100

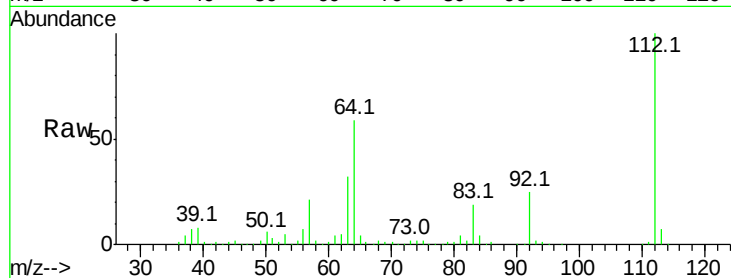
64 59.2 52.1 78.1

63 31.9 25.7 38.5

Manual Integrations
APPROVED

sohil

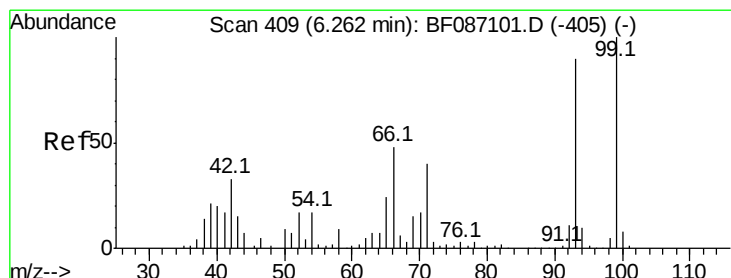
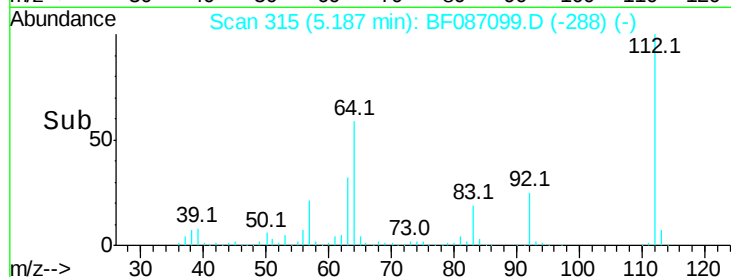
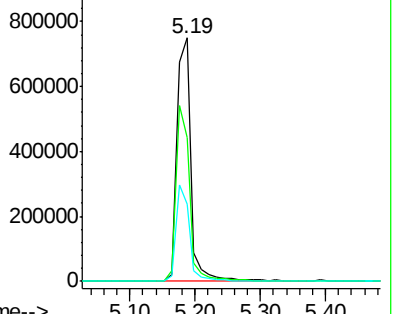
5/18/2016 6:56:23 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 62.90 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.01 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

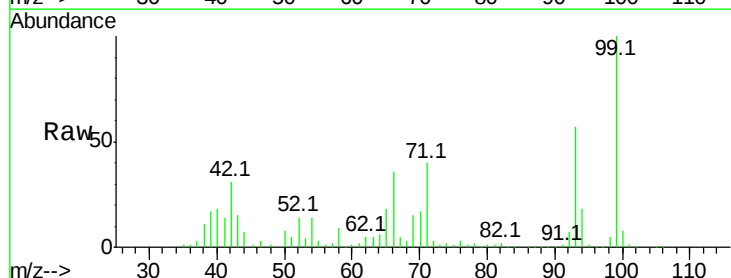
Tgt Ion: 93 Resp: 930806

Ion Ratio Lower Upper

93 100

66 63.9 39.0 58.6#

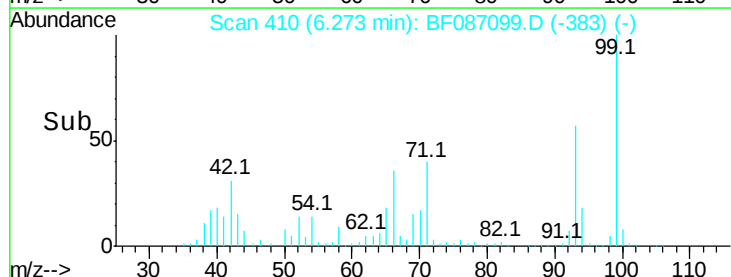
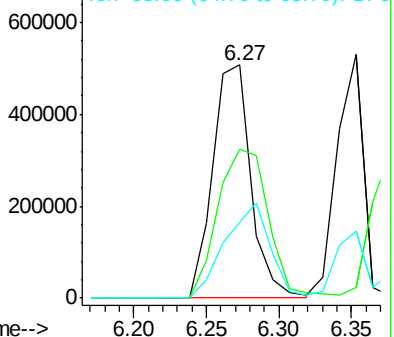
65 32.3 20.6 31.0#

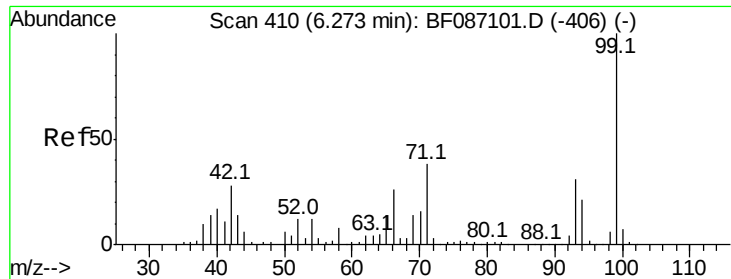


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.02 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 1431834

Ion Ratio Lower Upper

99 100

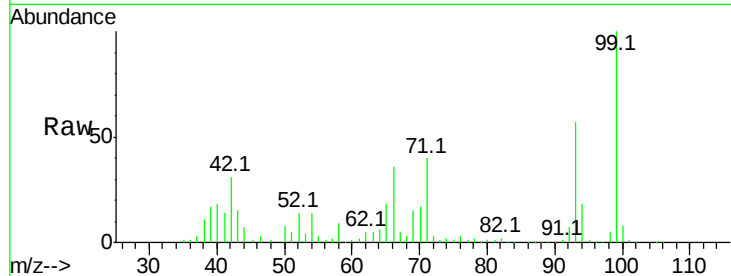
42 30.9 13.6 20.4#

71 39.9 24.6 36.8#

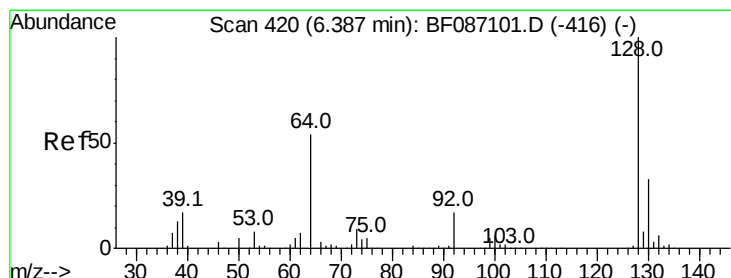
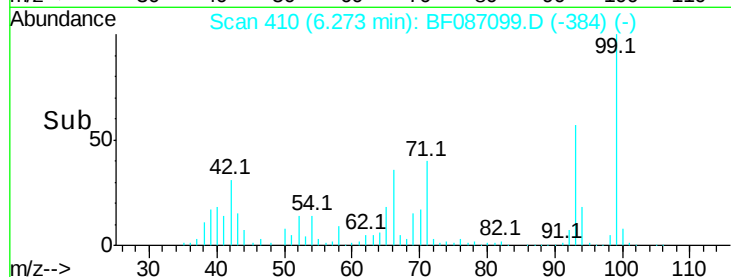
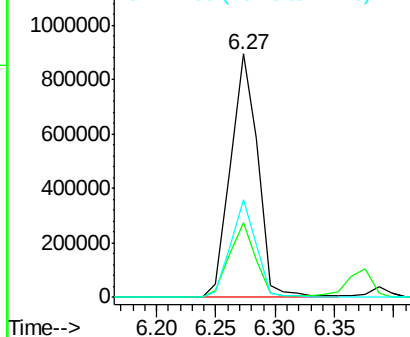
Manual Integrations
APPROVED

sohil

5/18/2016 6:56:23 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: 57.55 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

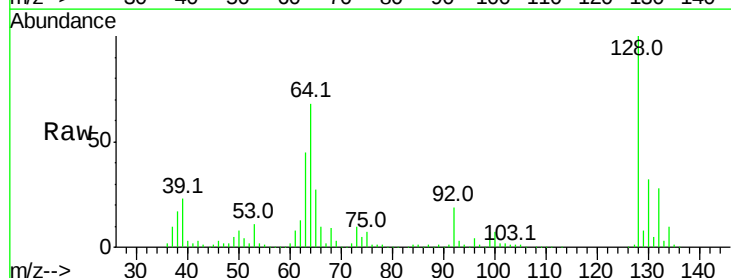
Tgt Ion: 128 Resp: 635725

Ion Ratio Lower Upper

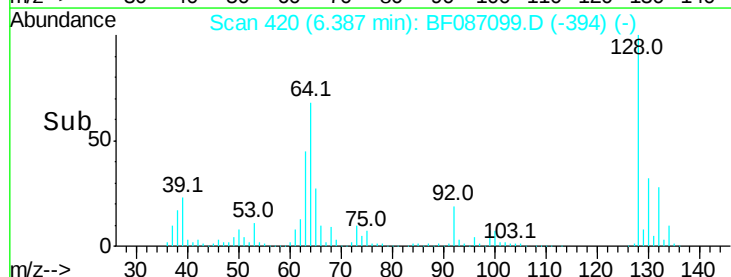
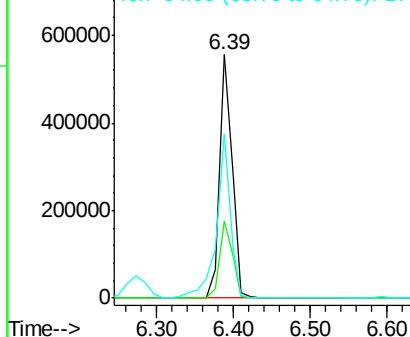
128 100

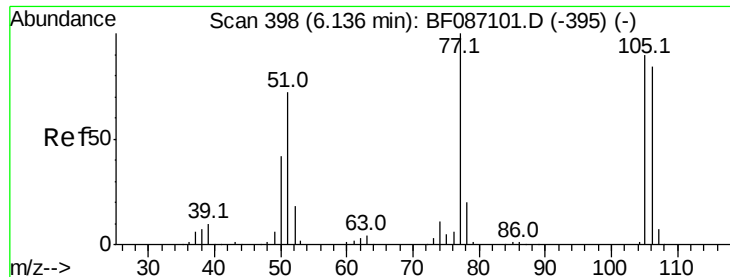
130 31.9 12.5 52.5

64 67.6 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





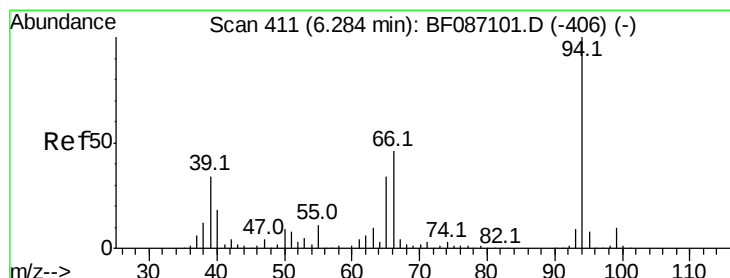
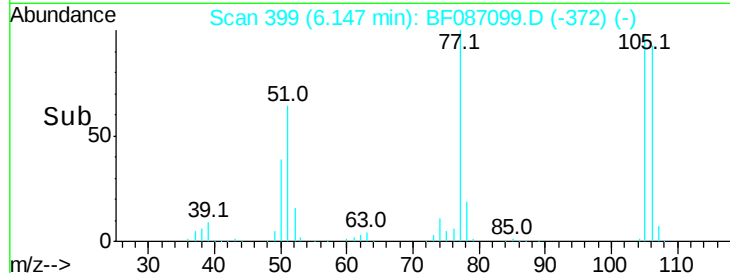
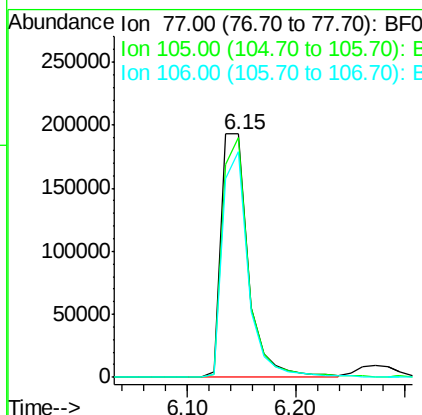
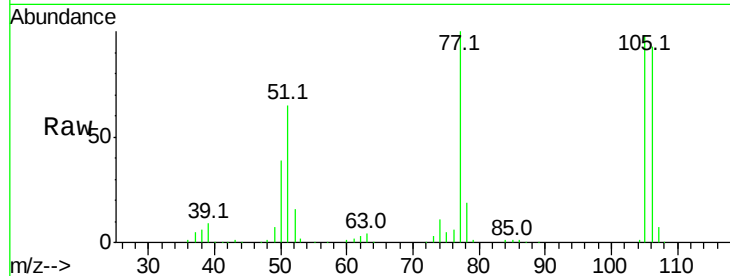
#9
Benzaldehyde
Concen: 47.31 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleID :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.2	72.7	112.7
106	92.6	70.8	110.8

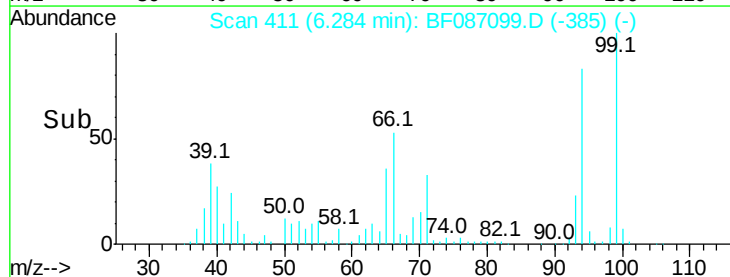
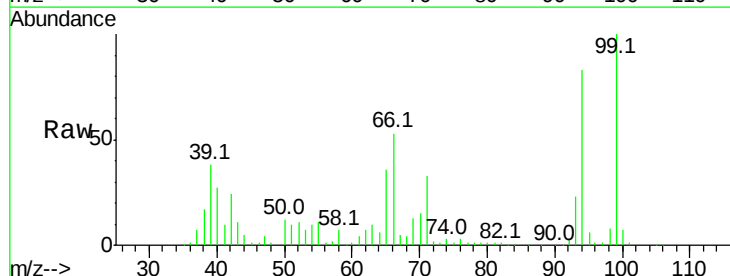
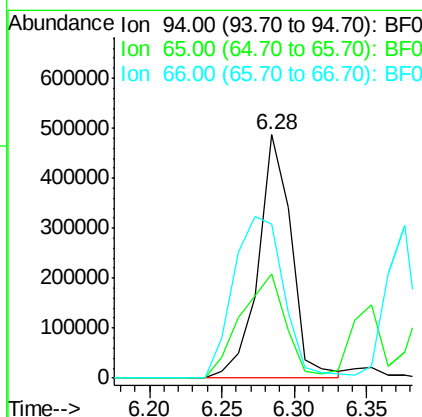
Manual Integrations
APPROVED

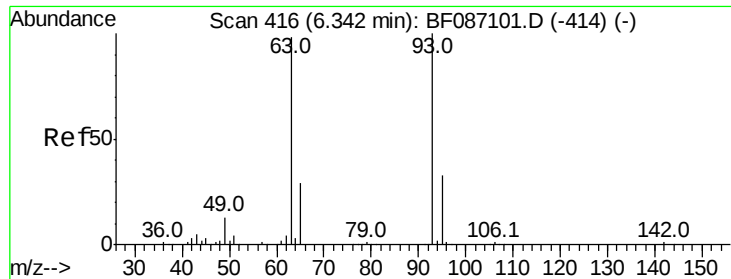
sohil
5/18/2016 6:56:23 PM



#10
Phenol
Concen: 52.89 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.8	7.2	47.2
66	63.4	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 61.21 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

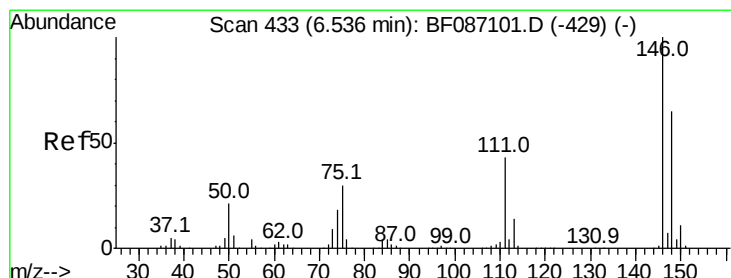
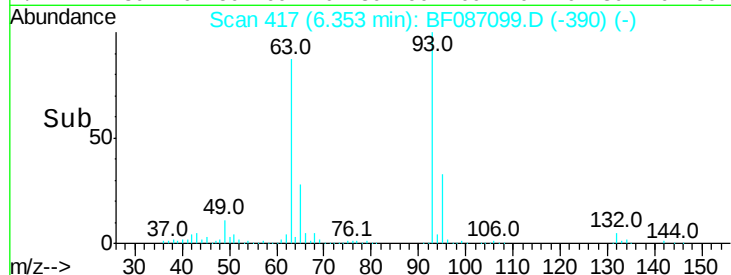
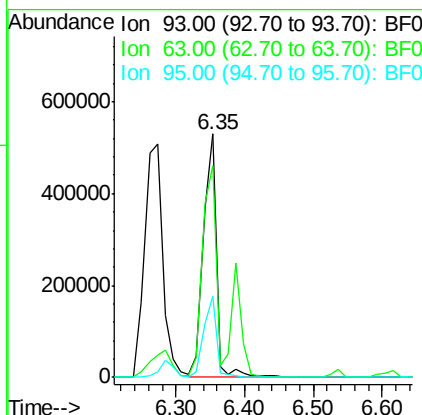
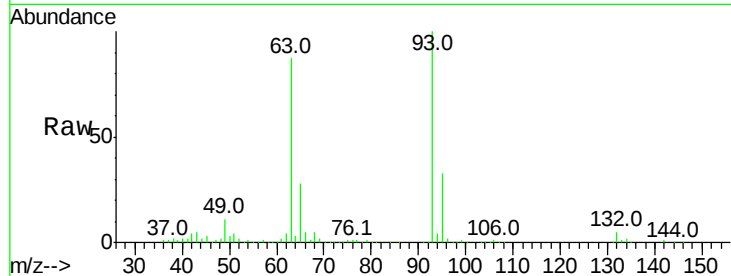
ClientSampleId :

SSTDIC060

Tot Ion:	93	Resp:	694077
Ion Ratio	Lower	Upper	
93	100		
63	86.9	58.0	98.0
95	33.1	11.9	51.9

Manual Integrations
APPROVED

sohil
5/18/2016 6:56:23 PM



#12

1,3-Dichlorobenzene

Concen: 57.90 ng m

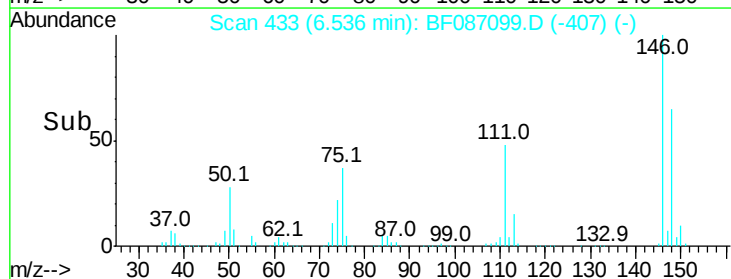
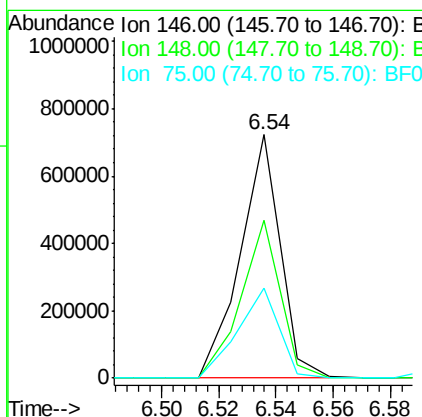
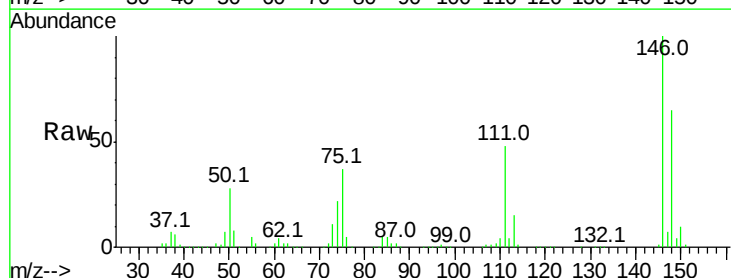
RT: 6.54 min Scan# 433

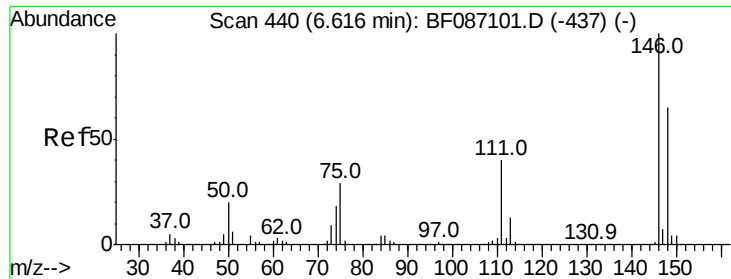
Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Tgt Ion:	146	Resp:	692195
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.4	78.6
75	36.9	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 58.89 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

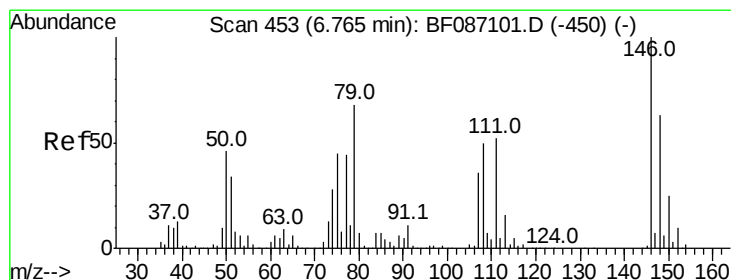
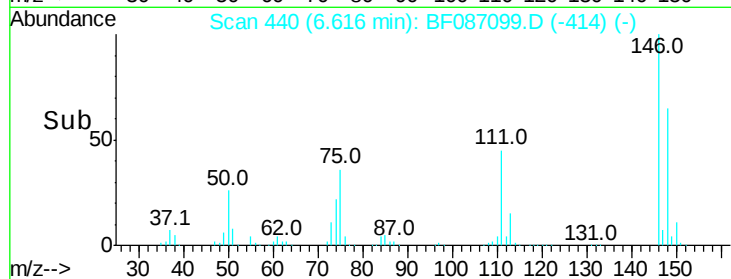
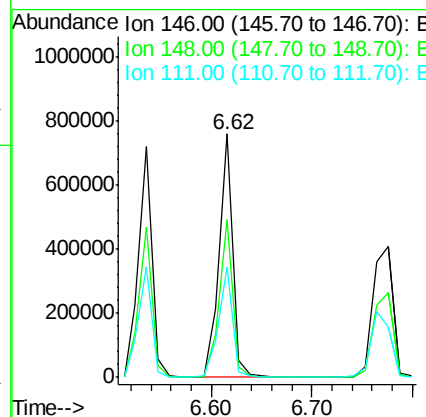
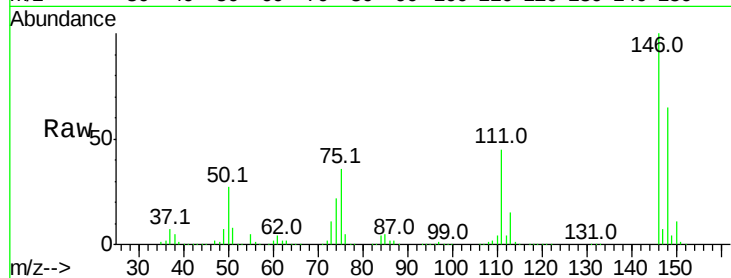
ClientSampleId :

SSTDICC060

Tot Ion:	146	Resp:	717904
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.4
111	45.2	30.7	46.1

Manual Integrations
APPROVED

sohil
5/18/2016 6:56:23 PM



#14

1,2-Dichlorobenzene

Concen: 53.40 ng

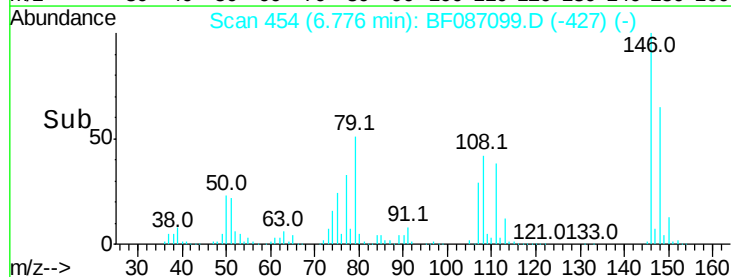
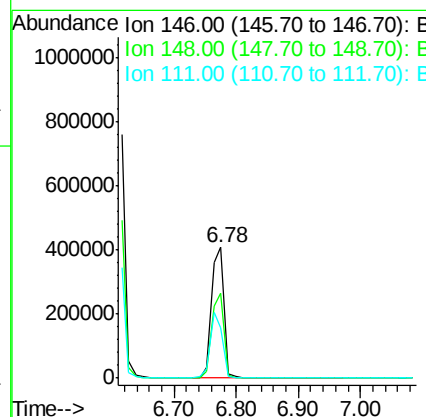
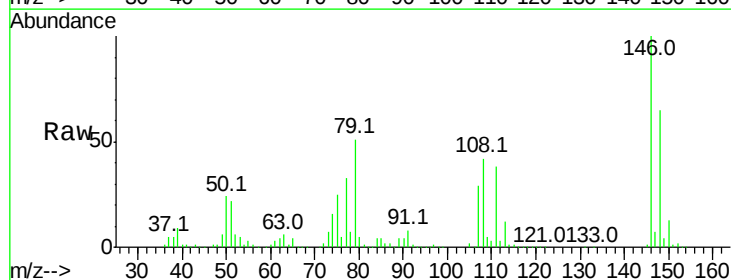
RT: 6.78 min Scan# 454

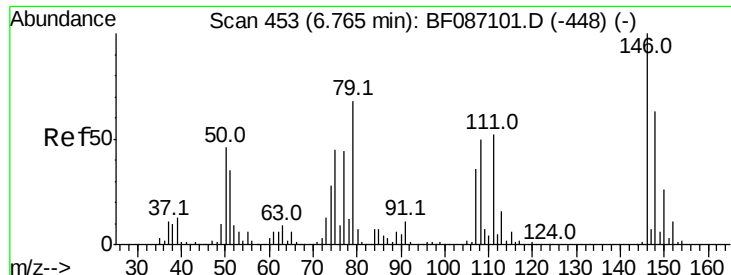
Delta R.T. 0.01 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Tgt Ion:	146	Resp:	567409
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.0	76.6
111	38.3	36.2	54.4





#15

Benzyl Alcohol

Concen: 64.93 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

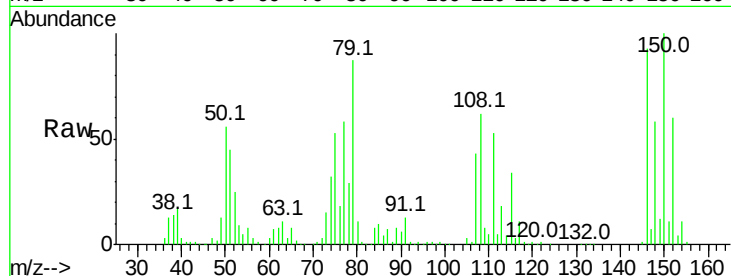
ClientSampled :

SSTDIC060

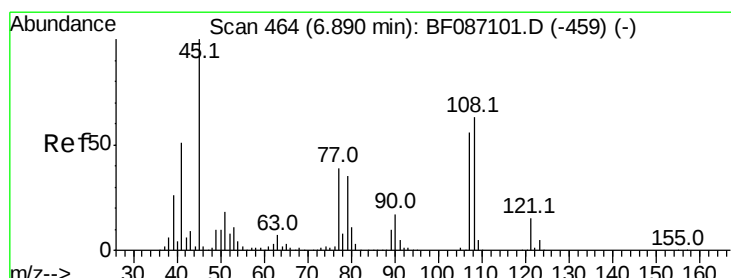
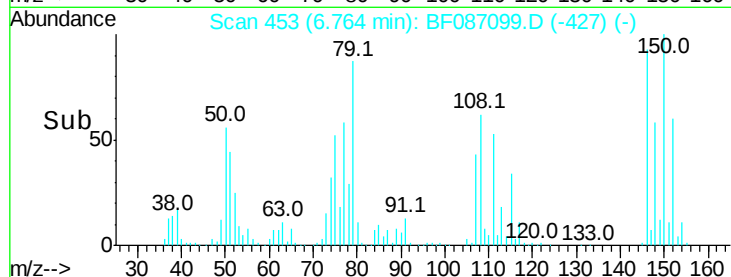
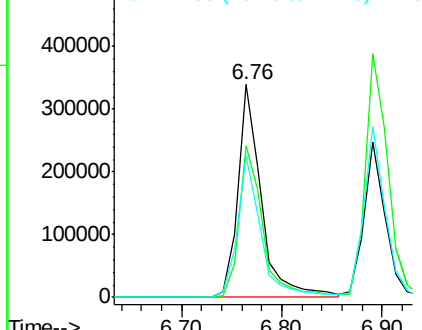
Tot Ion:	79	Resp:	548604
Ion Ratio	Lower	Upper	
79	100		
108	71.3	68.4	102.6
77	66.8	50.6	76.0

Manual Integrations
APPROVED

sohil
5/18/2016 6:56:23 PM



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 53.27 ng

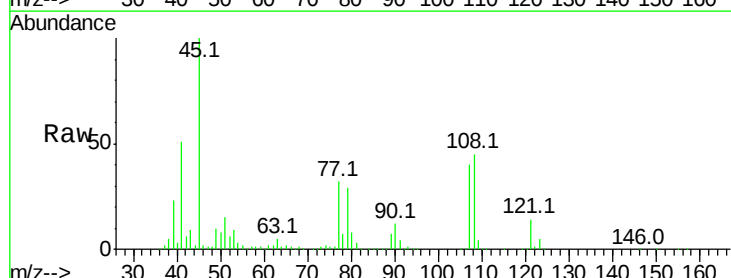
RT: 6.89 min Scan# 464

Delta R.T. -0.00 min

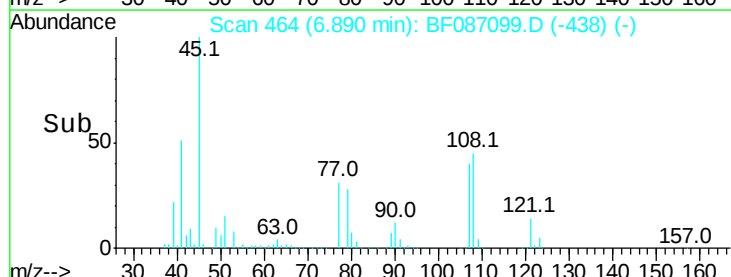
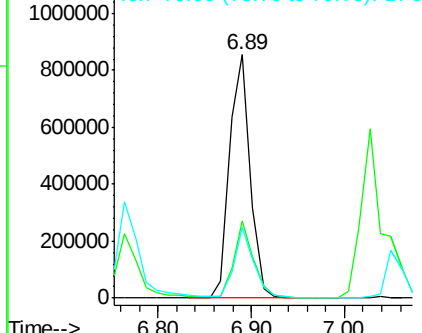
Lab File: BF087099.D

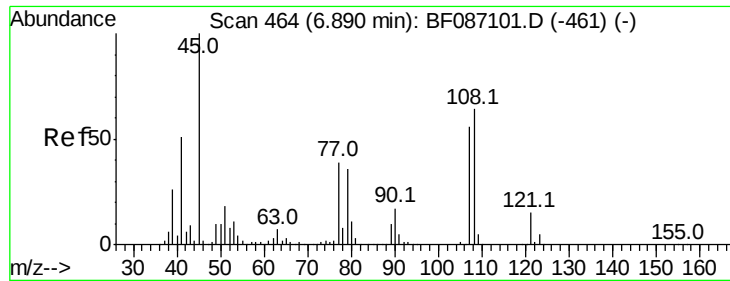
Acq: 17 May 2016 13:13

Tgt Ion:	45	Resp:	1313419
Ion Ratio	Lower	Upper	
45	100		
77	31.9	0.0	36.4
79	29.0	0.0	33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 60.19 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:107 Resp: 529082
Ion Ratio Lower Upper

107 100

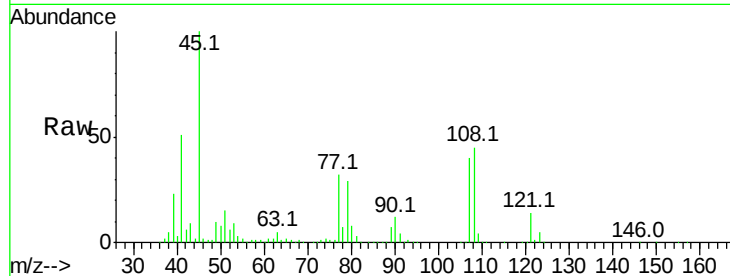
108 114.2 93.7 140.5

77 80.1 33.4 50.0#

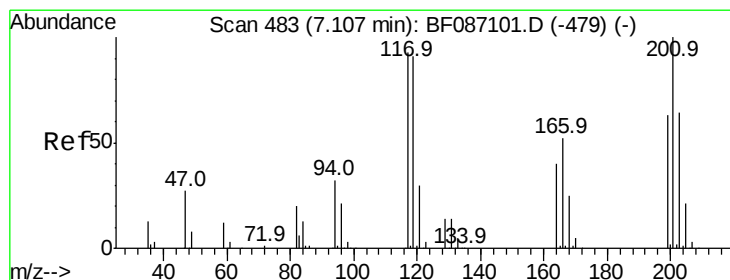
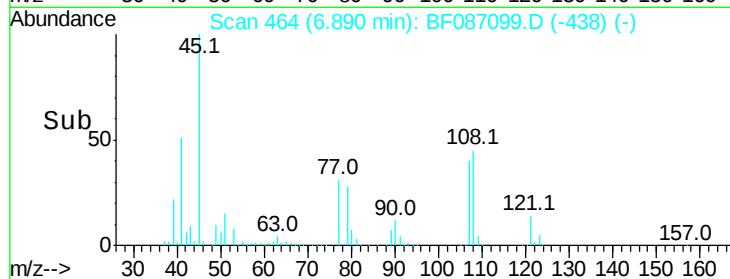
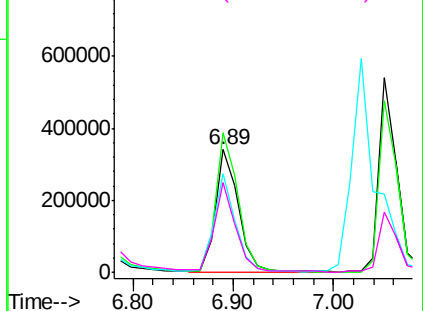
79 72.9 34.3 51.5#

Manual Integrations
APPROVED

sohil
5/18/2016 6:56:23 PM



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 61.25 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF087099.D

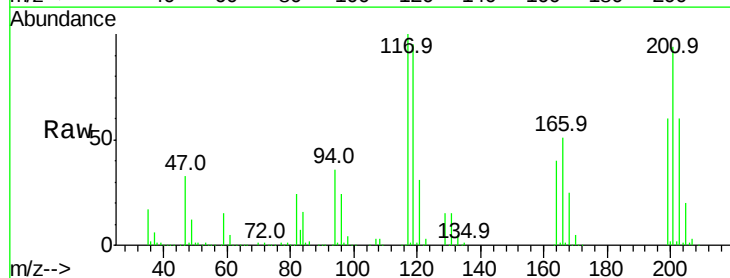
Acq: 17 May 2016 13:13

Tgt Ion:117 Resp: 280960
Ion Ratio Lower Upper

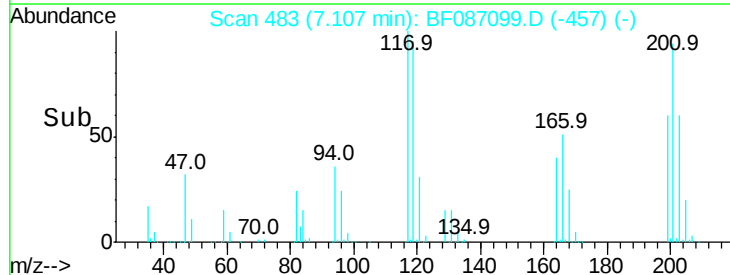
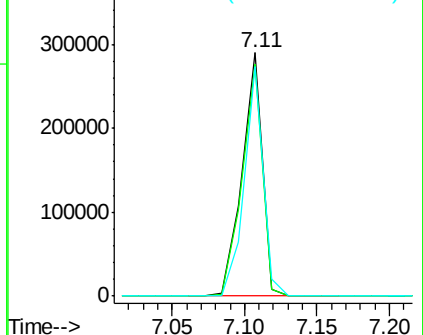
117 100

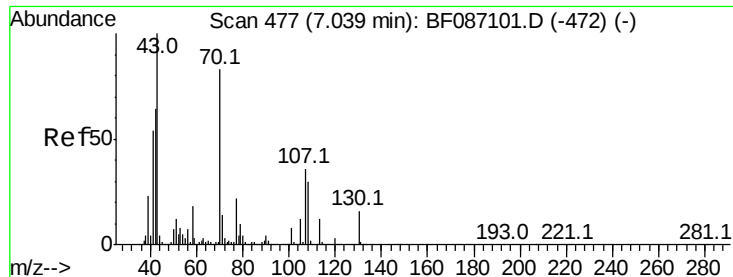
119 95.2 76.5 114.7

201 94.0 63.0 94.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





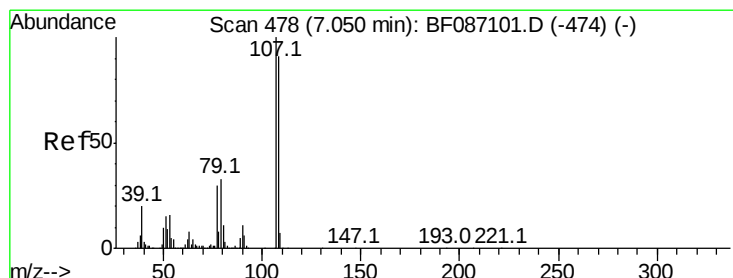
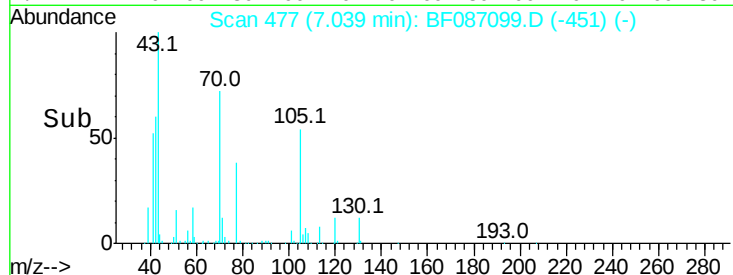
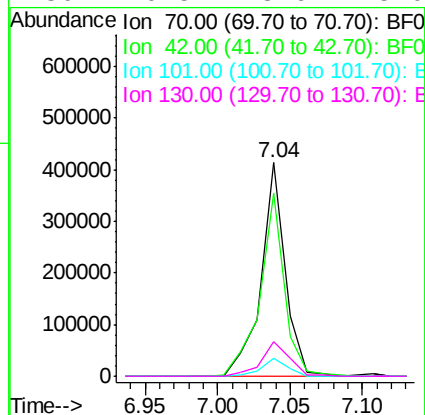
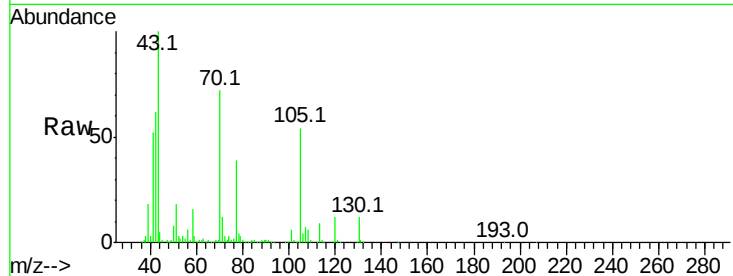
#19
n-Nitroso-di-n-propylamine
Concen: 55.85 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	85.9	43.1	64.7#
101	8.5	8.1	12.1
130	16.5	18.6	28.0#

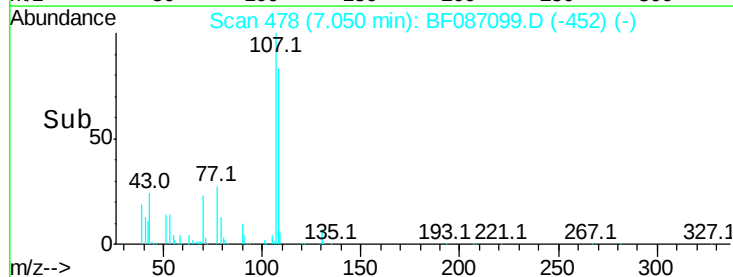
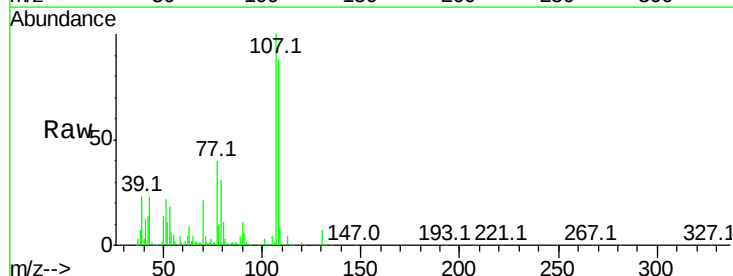
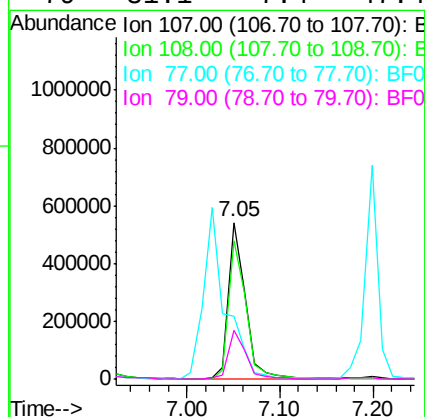
Manual Integrations
APPROVED

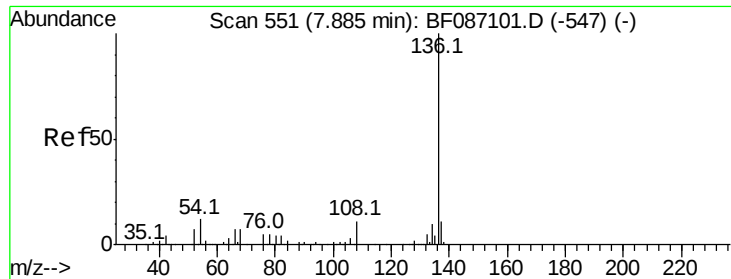
sohil
5/18/2016 6:56:23 PM



#20
3+4-Methylphenols
Concen: 59.61 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.5	108.5
77	39.8	101.6	141.6#
79	31.1	7.4	47.4





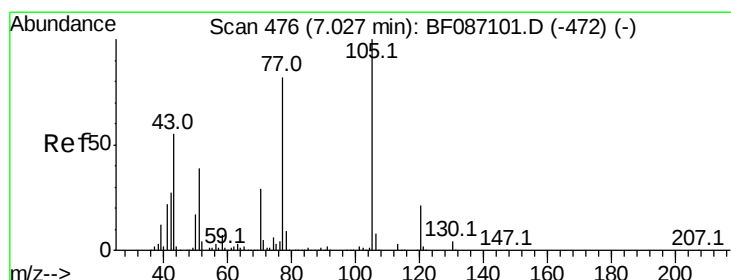
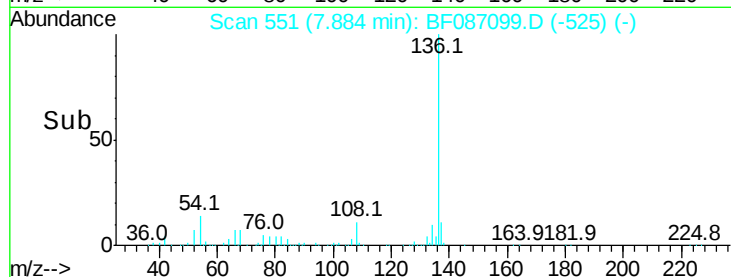
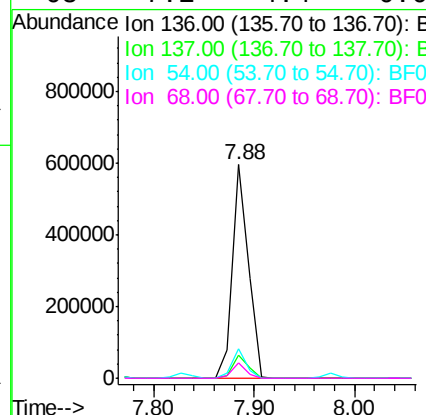
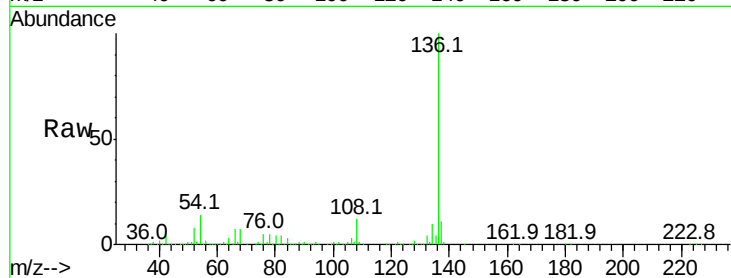
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100	663015		
137	11.1	8.8	13.2	
54	13.7	5.0	7.4	
68	7.1	4.4	6.6	

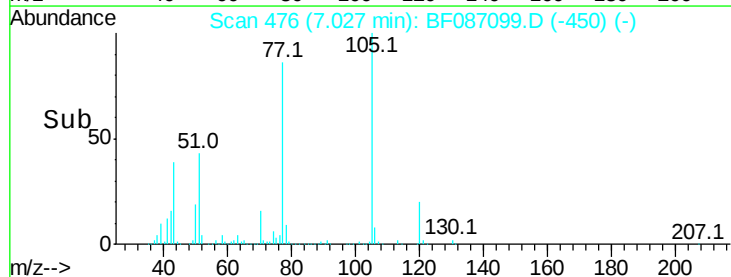
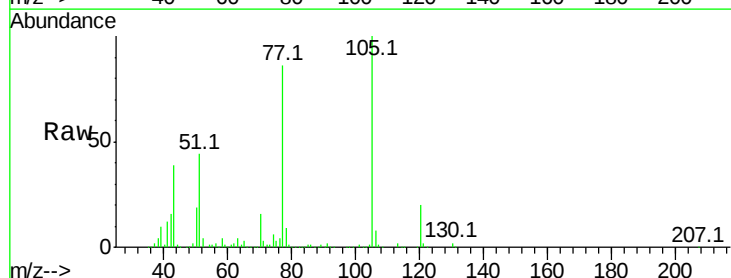
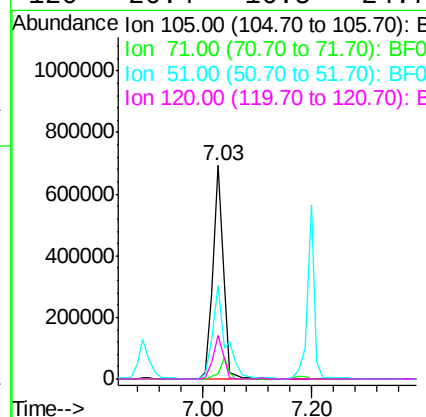
Manual Integrations
APPROVED

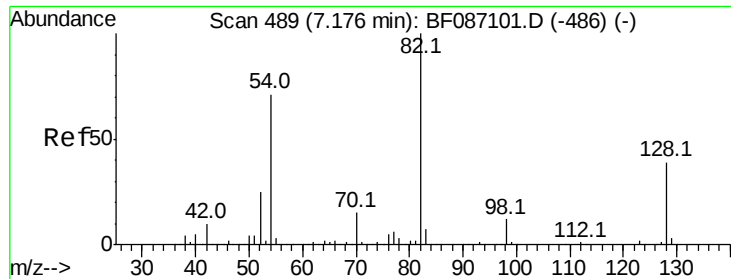
sohil
5/18/2016 6:56:23 PM



#22
Acetophenone
Concen: 59.13 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	925952		
71	2.6	4.8	7.2	
51	43.5	32.6	49.0	
120	20.4	16.5	24.7	





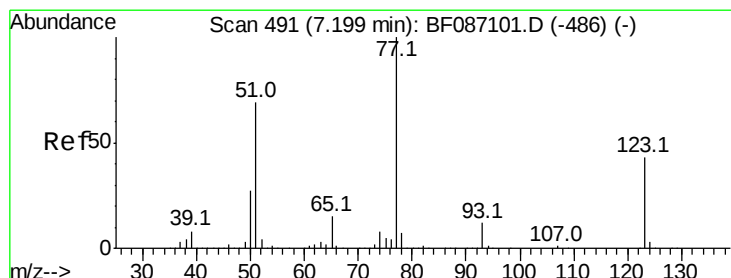
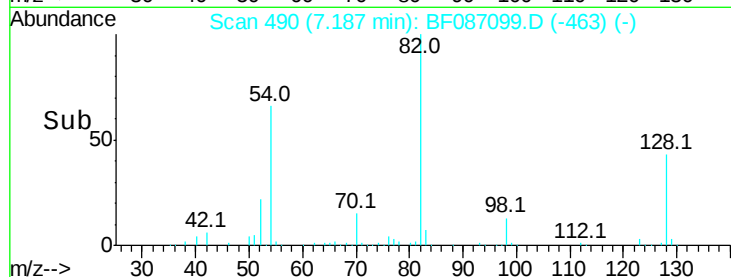
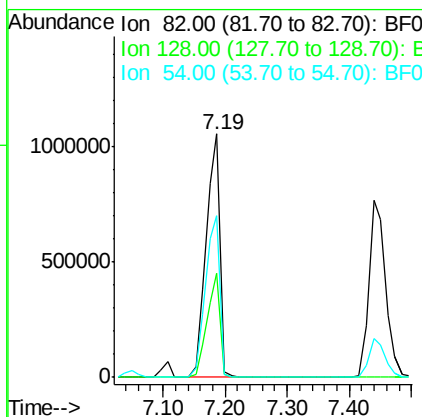
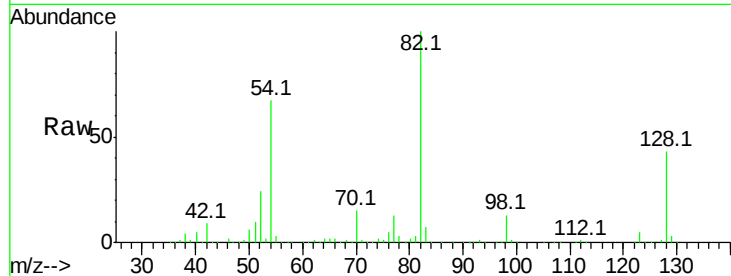
#23
 Nitrobenzene-d5
 Concen: 123.63 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion: 82 Resp: 1632470
 Ion Ratio Lower Upper
 82 100
 128 42.9 40.6 61.0
 54 66.5 38.1 57.1#

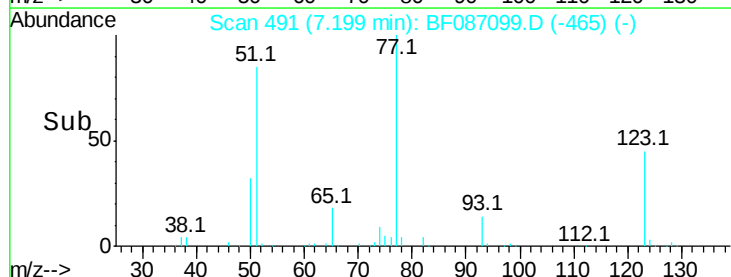
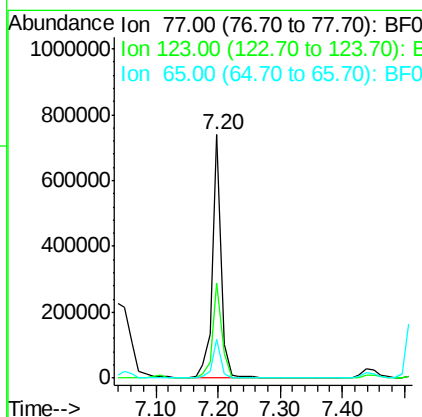
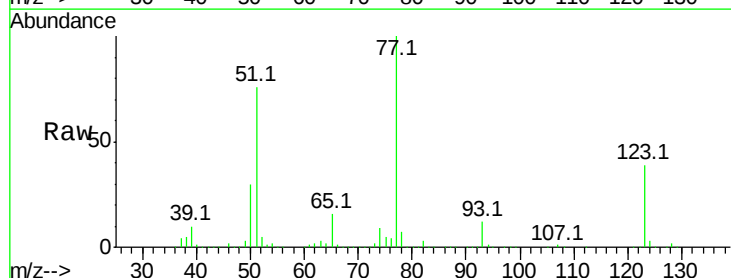
Manual Integrations
 APPROVED

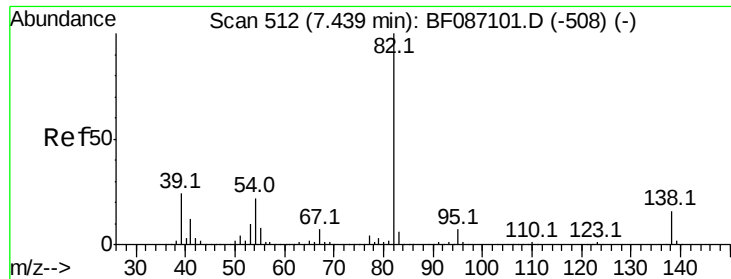
sohil
 5/18/2016 6:56:23 PM



#24
 Nitrobenzene
 Concen: 52.49 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Tgt Ion: 77 Resp: 712948
 Ion Ratio Lower Upper
 77 100
 123 39.2 33.0 49.4
 65 15.9 10.8 16.2





#25

Isophorone

Concen: 58.27 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 1427527

Ion Ratio Lower Upper

82 100

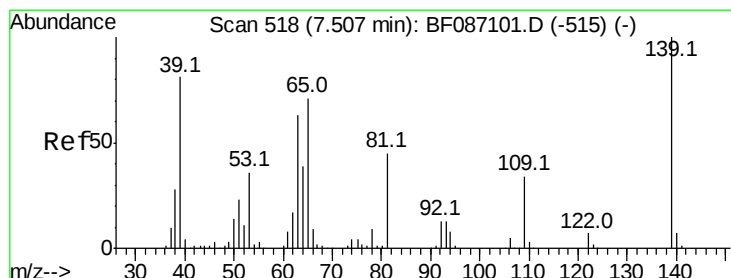
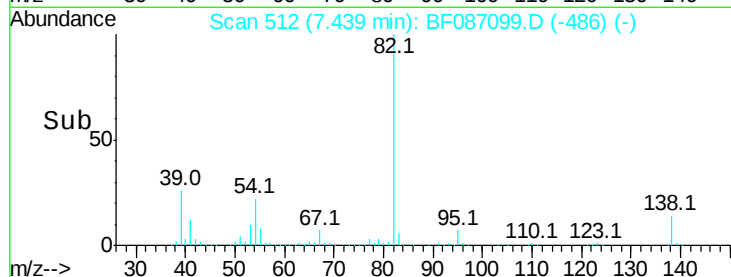
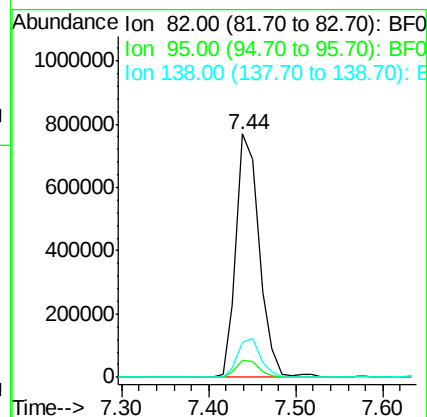
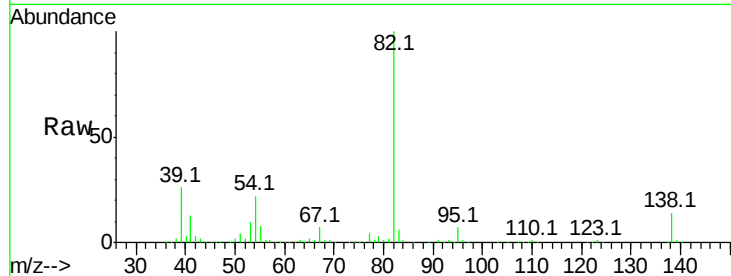
95 7.1 5.1 7.7

138 14.4 12.4 18.6

Manual Integrations
APPROVED

sohil

5/18/2016 6:56:23 PM



#26

2-Nitrophenol

Concen: 63.25 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

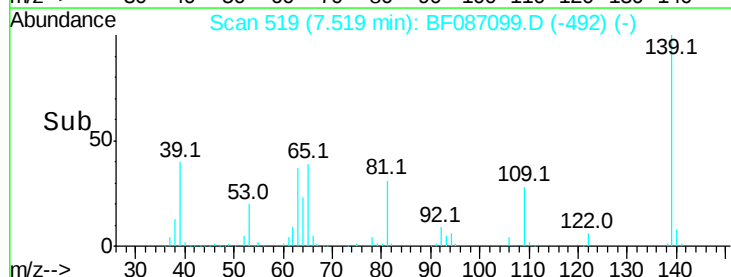
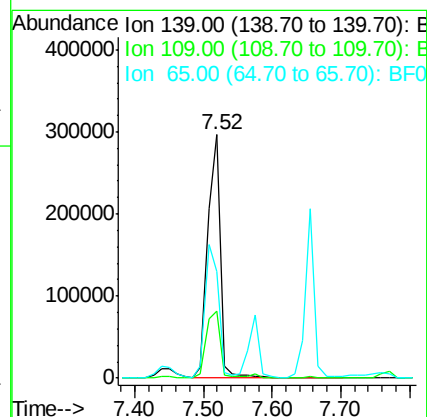
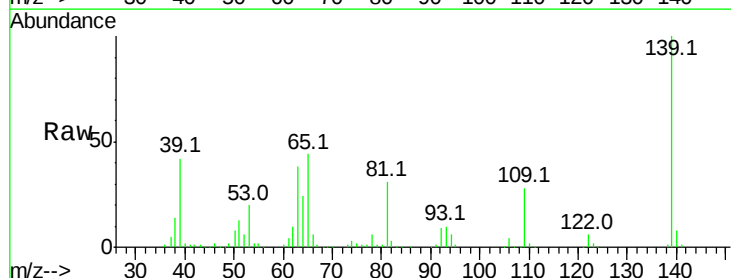
Tgt Ion: 139 Resp: 377622

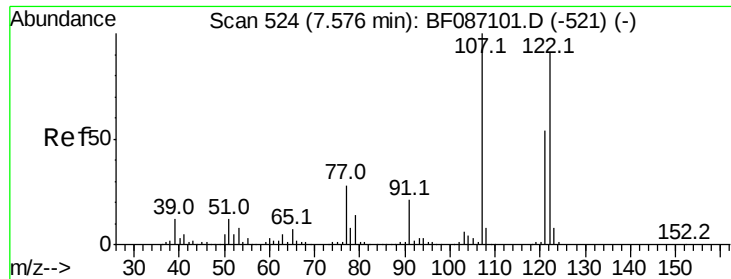
Ion Ratio Lower Upper

139 100

109 27.7 19.5 29.3

65 43.9 37.5 56.3





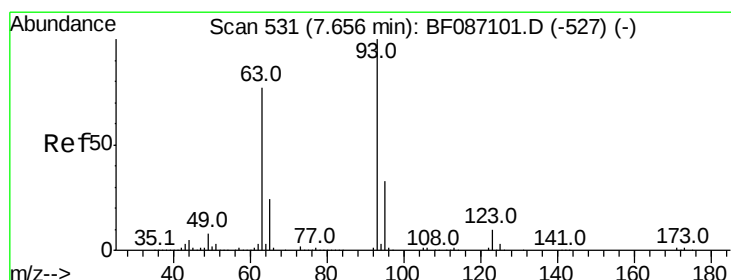
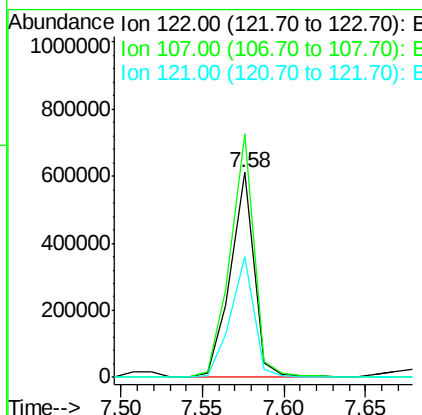
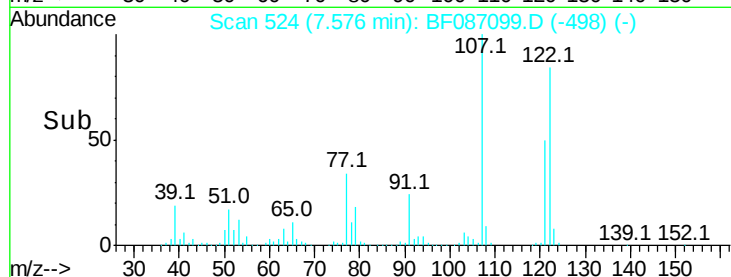
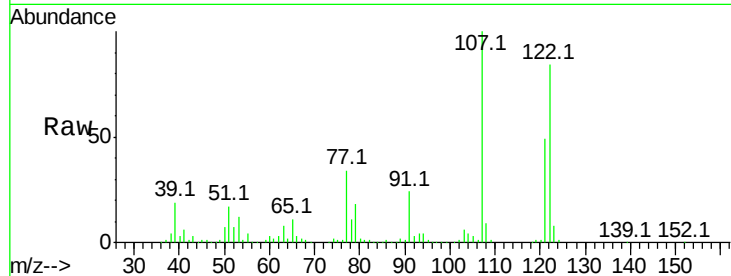
#27
2,4-Dimethylphenol
Concen: 60.75 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
122	100	617822		
107	118.9	82.0	123.0	
121	58.9	46.1	69.1	

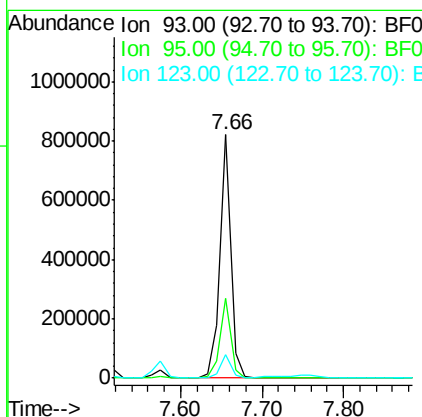
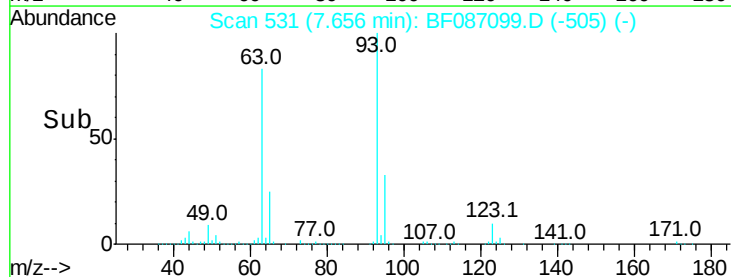
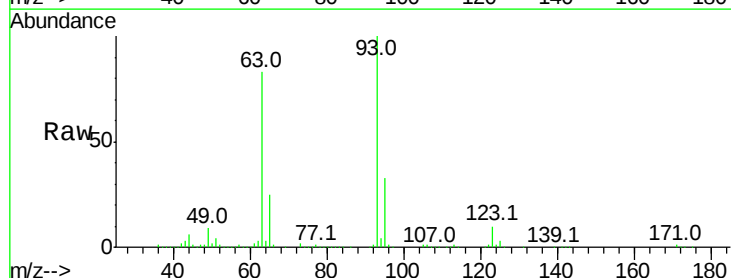
Manual Integrations
APPROVED

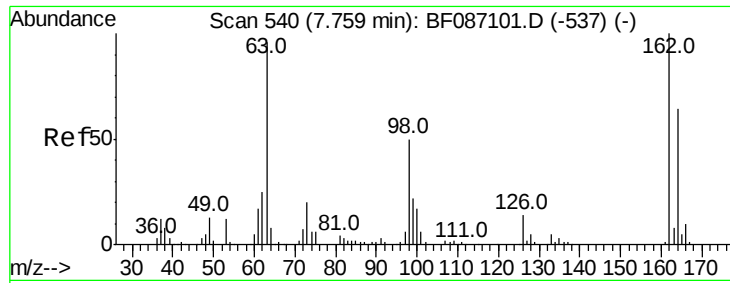
sohil
5/18/2016 6:56:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 57.88 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	764876		
95	32.9	26.0	39.0	
123	9.8	9.5	14.3	





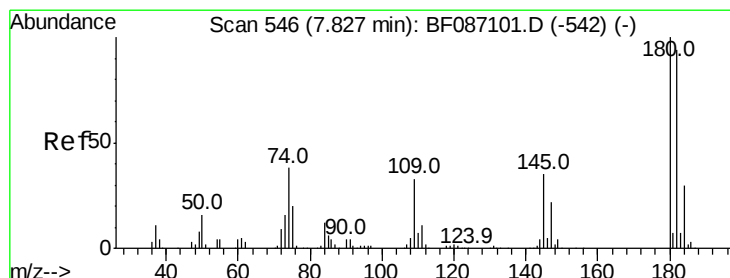
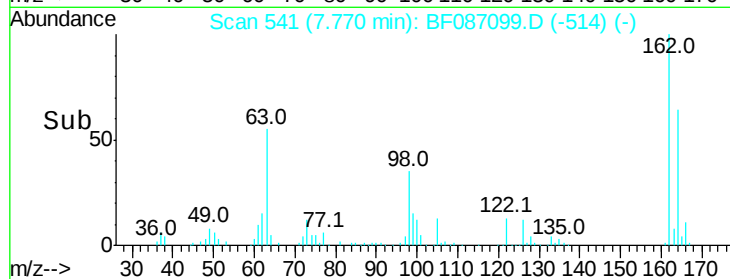
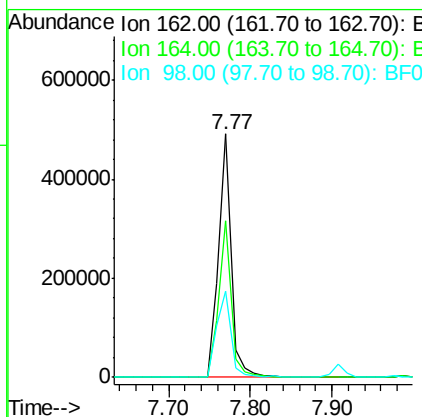
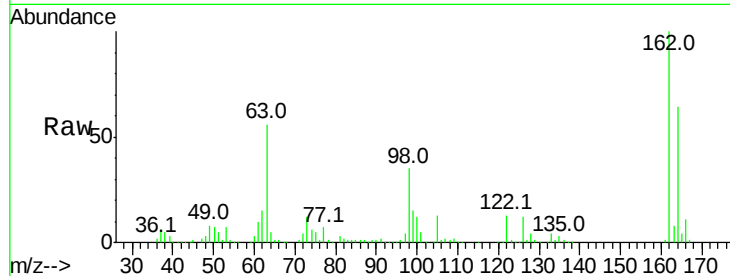
#29
 2,4-Dichlorophenol
 Concen: 59.57 ng
 RT: 7.77 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.2	42.2	82.2
98	35.3	19.0	59.0

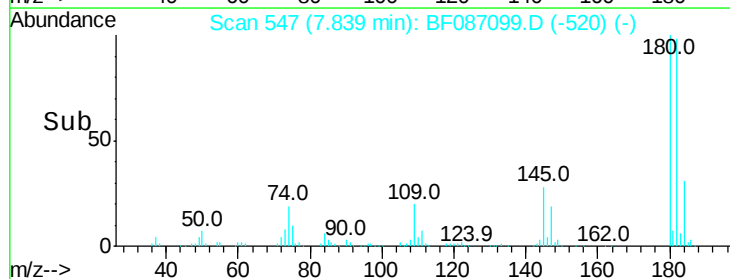
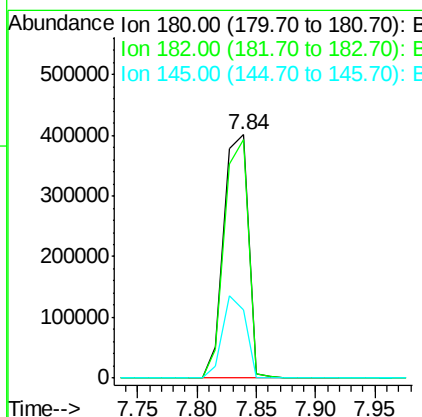
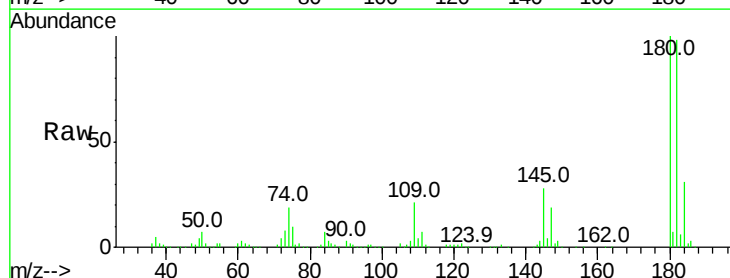
Manual Integrations
 APPROVED

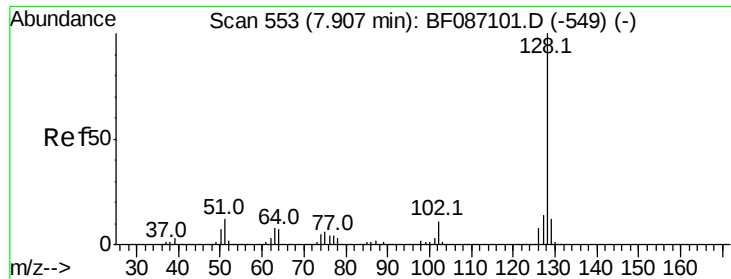
sohil
 5/18/2016 6:56:23 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 57.68 ng
 RT: 7.84 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.1	78.0	117.0
145	27.9	24.2	36.2





#31

Naphthalene

Concen: 51.62 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:128 Resp: 1714095

Ion Ratio Lower Upper

128 100

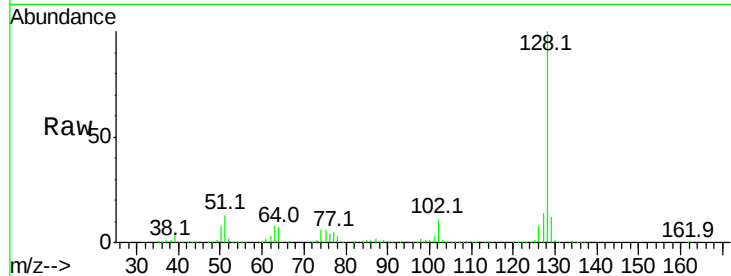
129 11.8 8.6 13.0

127 13.9 10.8 16.2

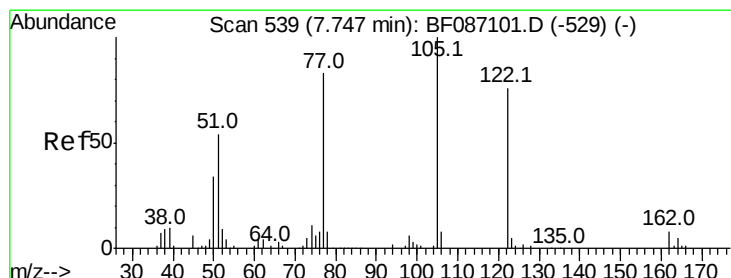
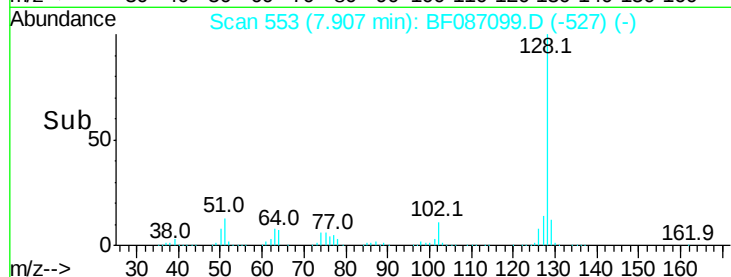
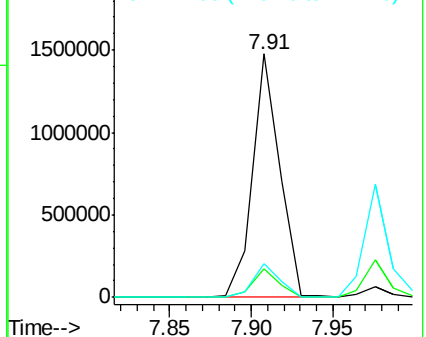
Manual Integrations
APPROVED

sohil

5/18/2016 6:56:23 PM



Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 66.09 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

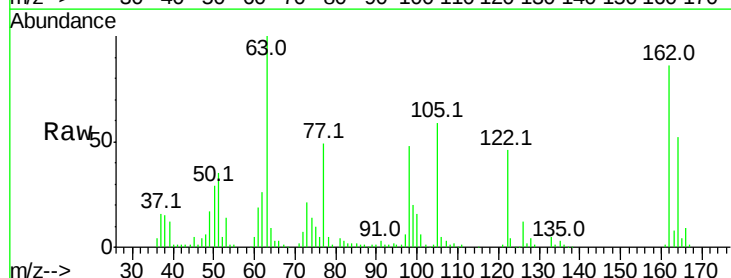
Tgt Ion:122 Resp: 394796

Ion Ratio Lower Upper

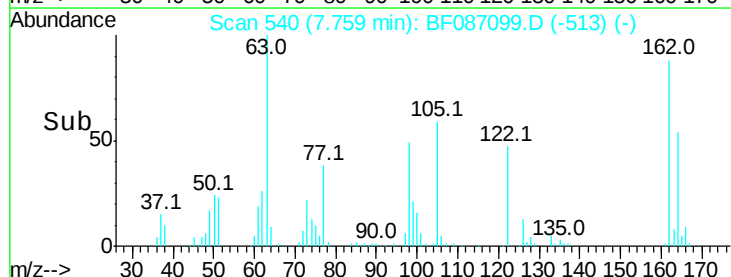
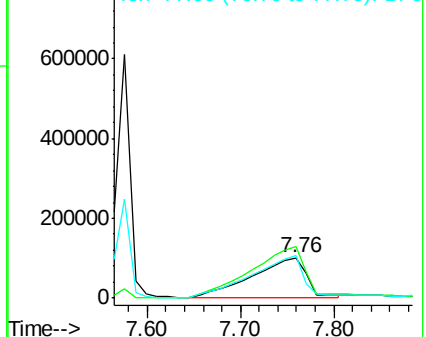
122 100

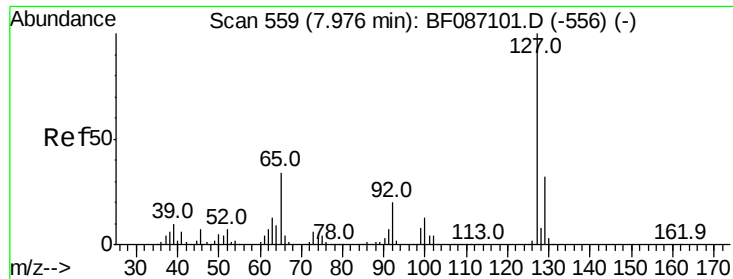
105 128.1 92.6 132.6

77 106.4 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
800000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





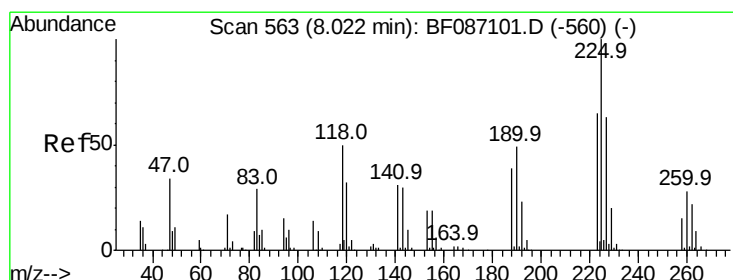
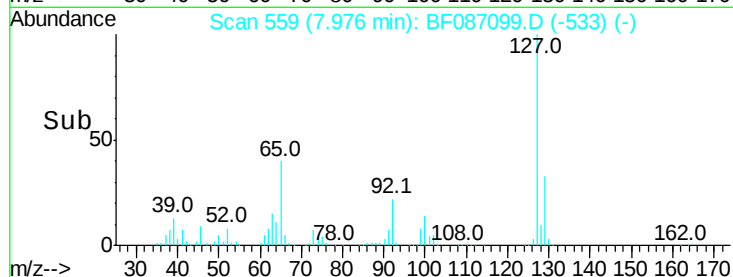
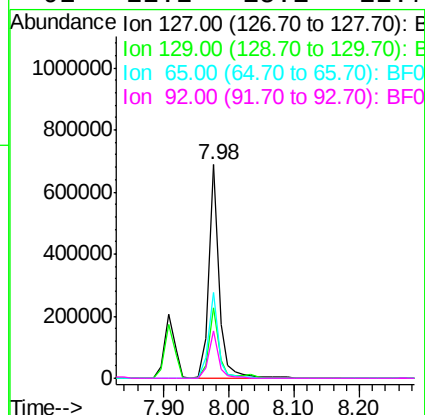
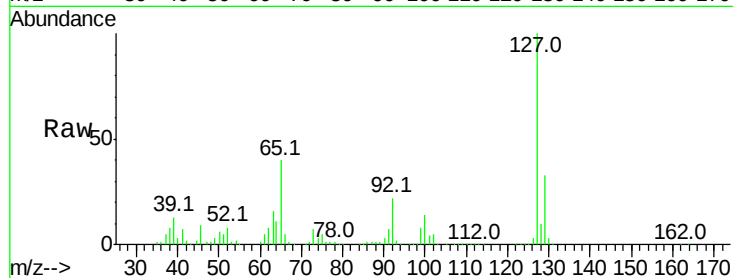
#33
4-Chloroaniline
Concen: 58.18 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.3	26.2	39.4
65	40.1	23.0	34.4
92	22.2	15.1	22.7

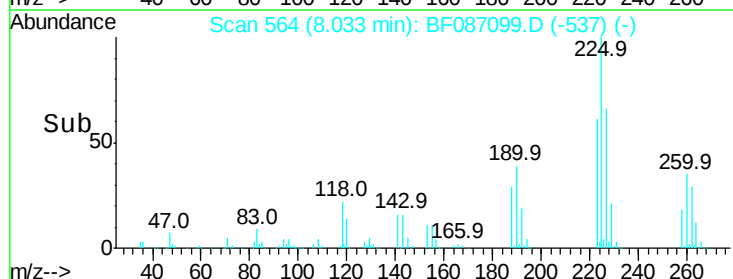
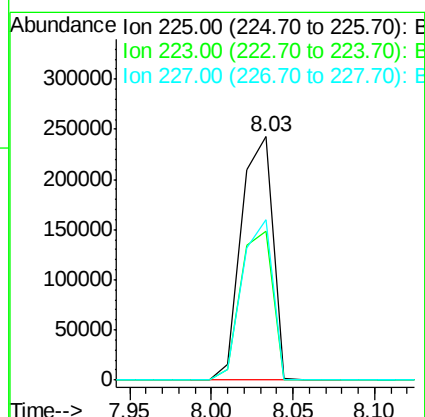
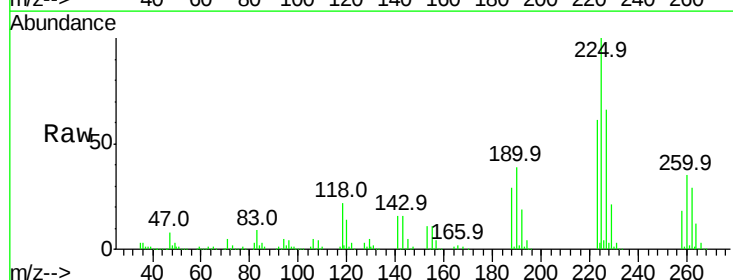
Manual Integrations
APPROVED

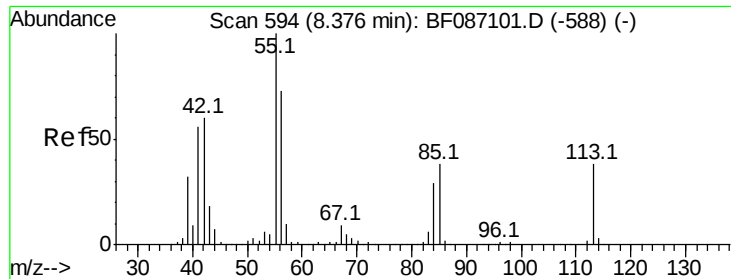
sohil
5/18/2016 6:56:23 PM



#34
Hexachlorobutadiene
Concen: 55.40 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.0	51.5	77.3
227	65.7	52.2	78.2





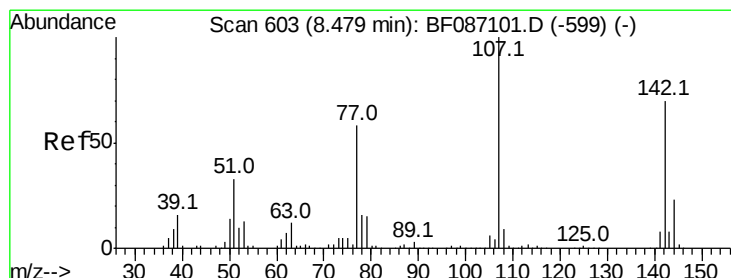
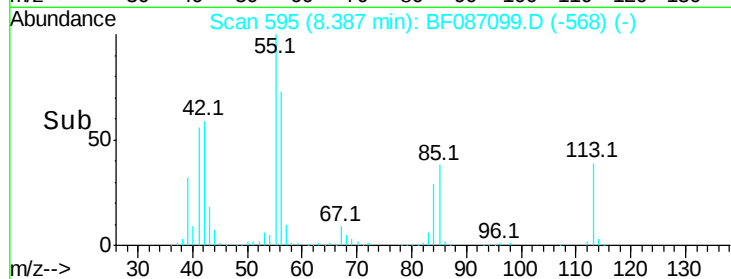
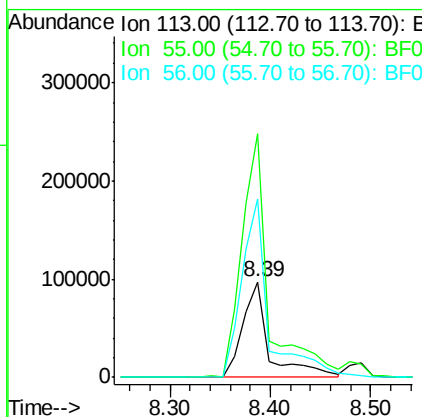
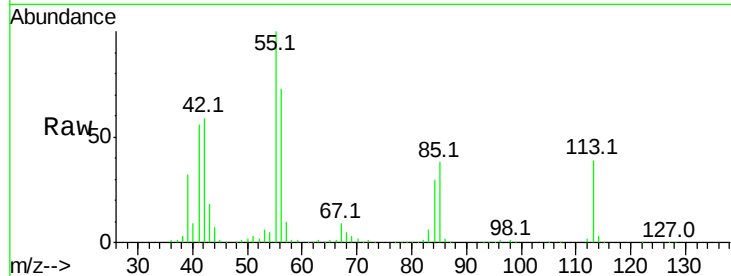
#35
Caprolactam
Concen: 58.11 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	255.5	162.0	202.0#	
56	186.8	115.3	155.3#	

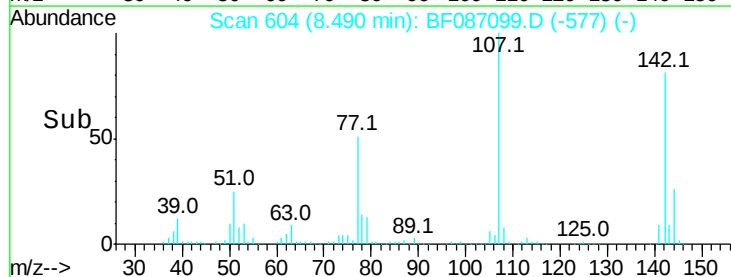
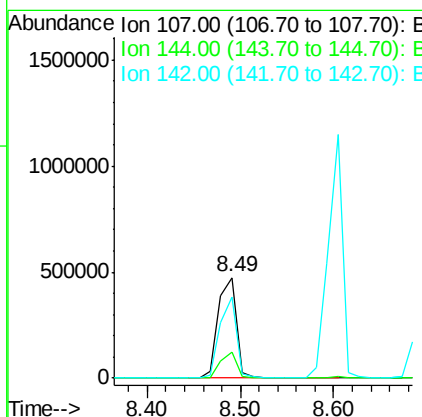
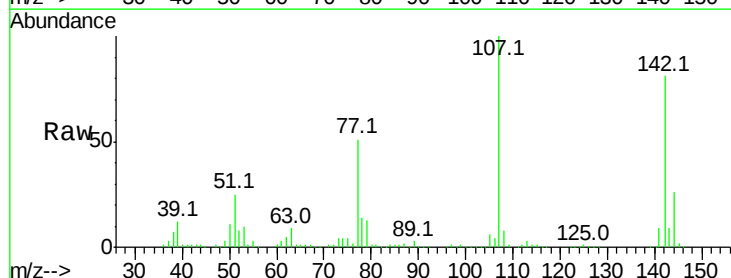
Manual Integrations
APPROVED

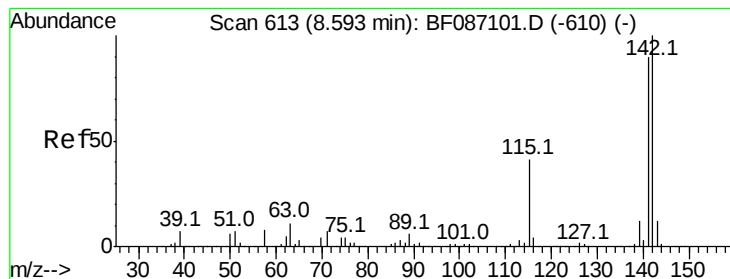
sohil
5/18/2016 6:56:23 PM



#36
4-Chloro-3-methylphenol
Concen: 59.70 ng
RT: 8.49 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.3	20.7	31.1	
142	80.8	63.2	94.8	





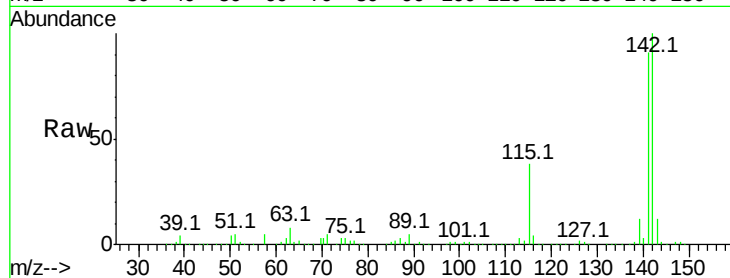
#37
2-Methylnaphthalene
Concen: 62.45 ng
RT: 8.60 min Scan# 614
Delta R.T. 0.01 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.0	106.6
115	38.2	26.6	39.8

Manual Integrations
APPROVED

sohil
5/18/2016 6:56:23 PM

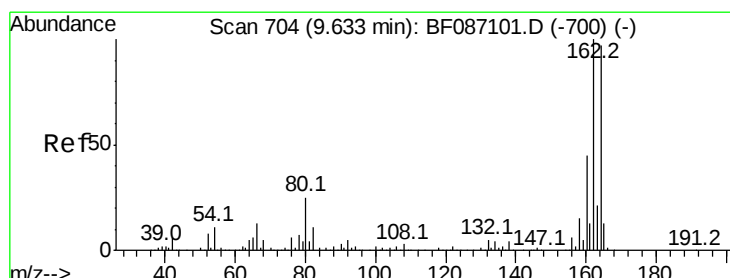
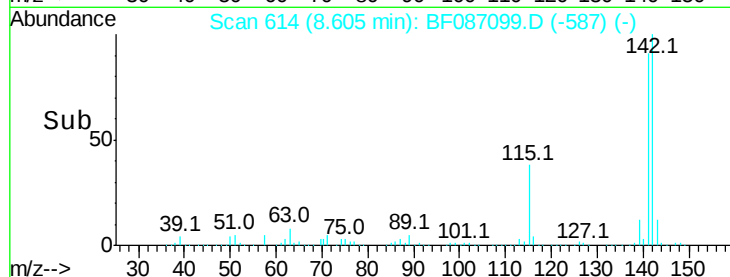
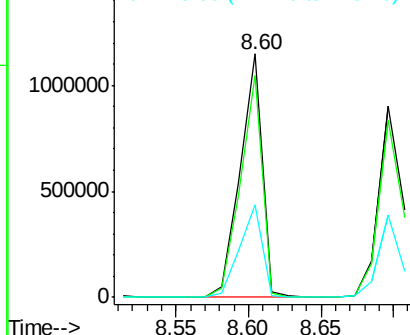


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

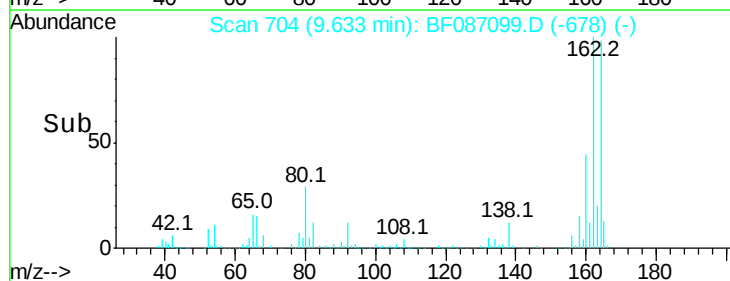
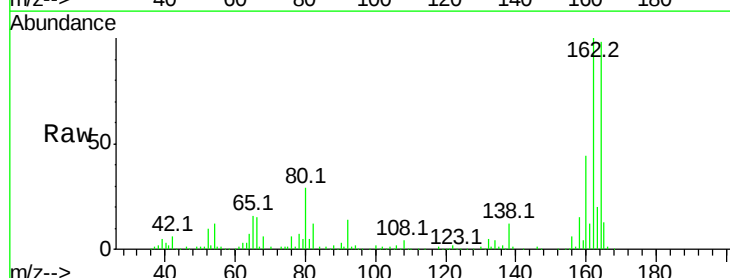
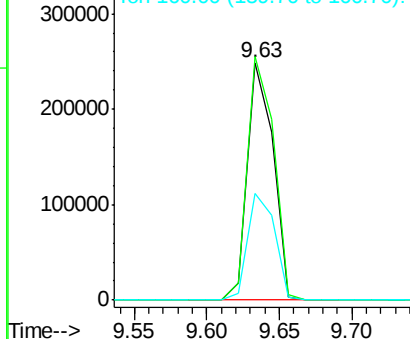
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	45.1	36.9	55.3

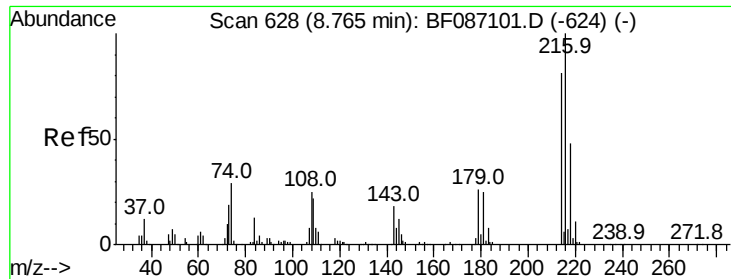
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 56.67 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF087099.D

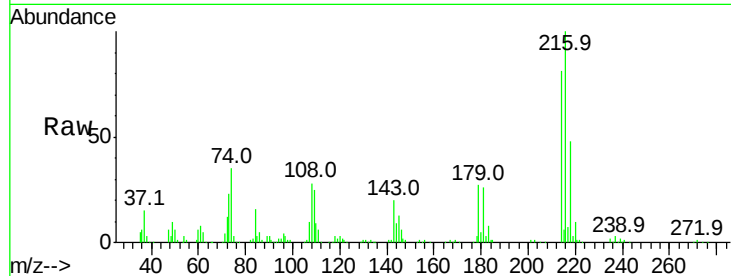
Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tot Ion	Ratio	Resp	Lower	Upper
216	100	506262		

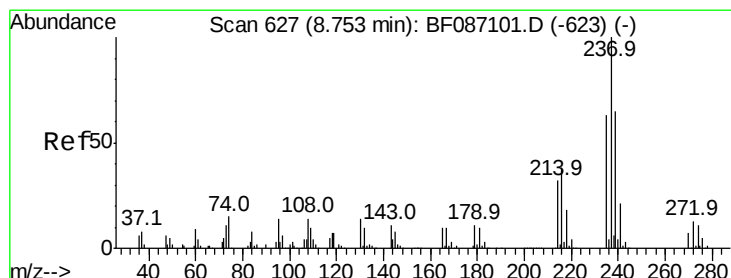
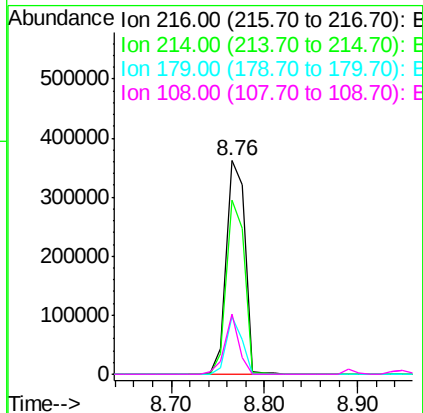
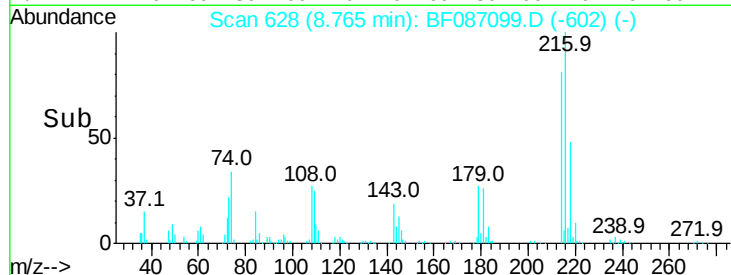
216	100			
214	79.2	62.6	93.8	
179	23.1	18.2	27.4	
108	21.5	17.5	26.3	

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

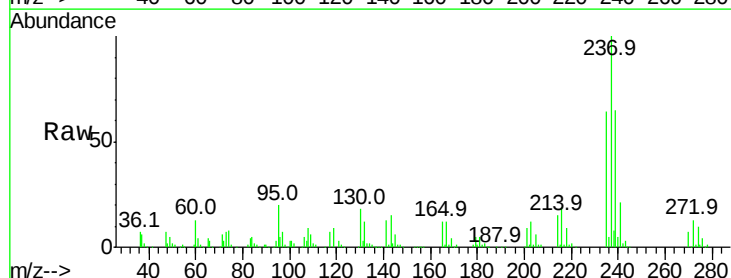
Concen: 48.25 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13



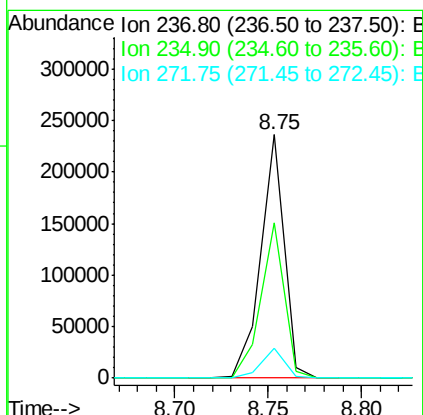
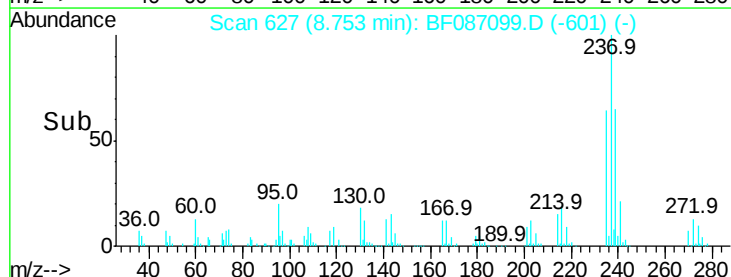
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	204597		

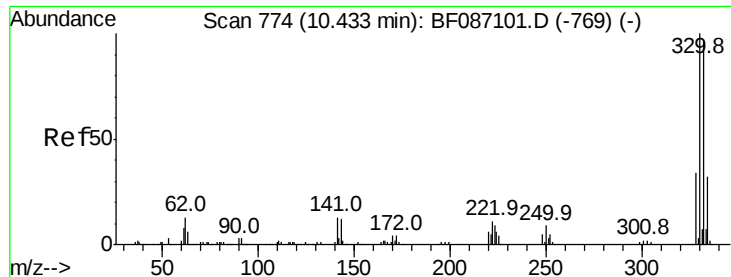
237	100			
235	63.6	47.2	87.2	
272	12.5	0.0	31.1	

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





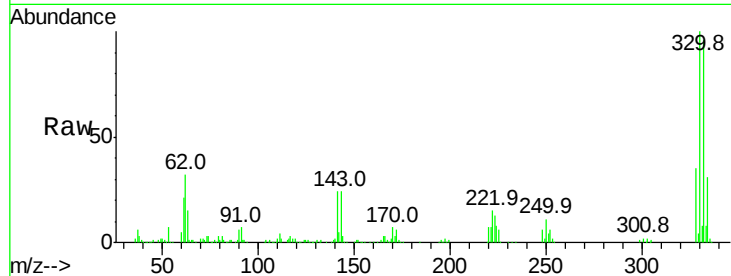
#41
 2,4,6-Tribromophenol
 Concen: 129.80 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

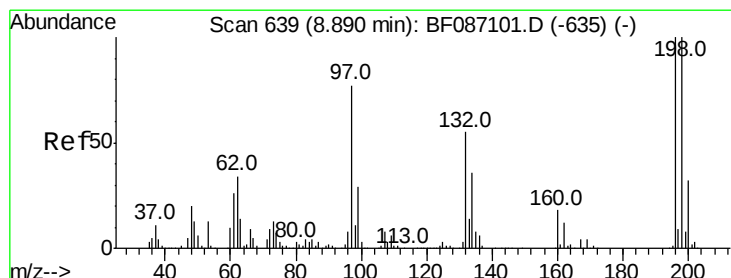
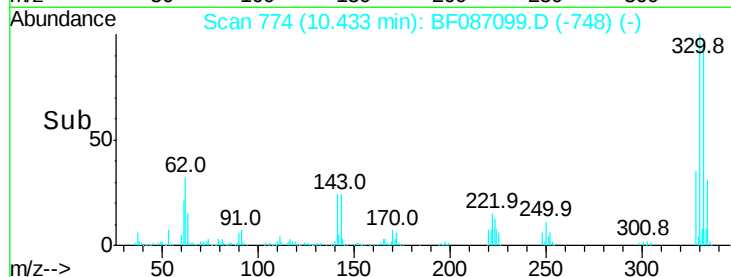
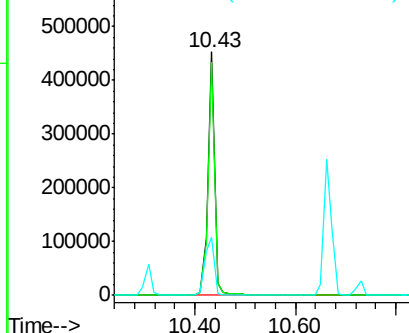
Tot Ion	Ratio	Resp	Lower	Upper
330	100	422207		
332	95.5	79.0	118.4	
141	33.2	31.2	46.8	

Manual Integrations
 APPROVED

sohil
 5/18/2016 6:56:23 PM



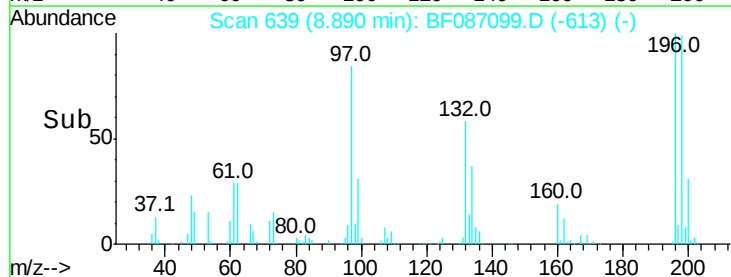
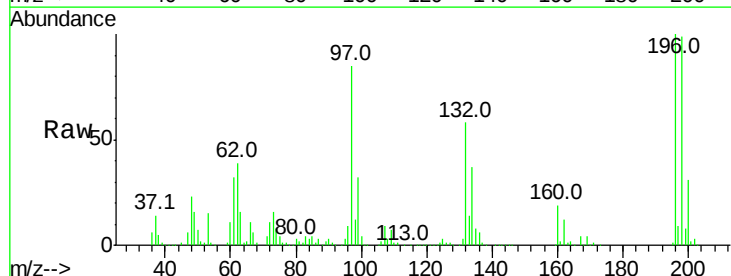
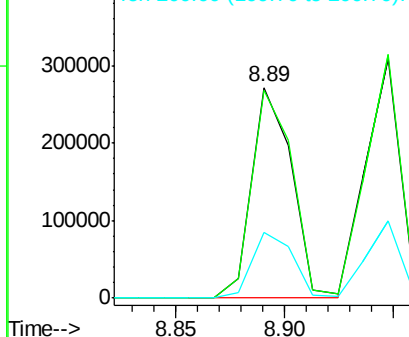
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

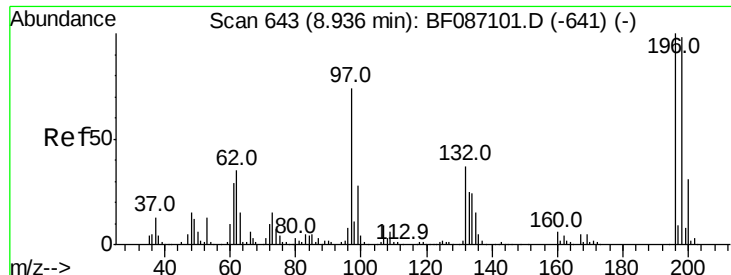


#42
 2,4,6-Trichlorophenol
 Concen: 58.55 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	349789		
198	98.7	74.7	112.1	
200	31.1	23.8	35.6	

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





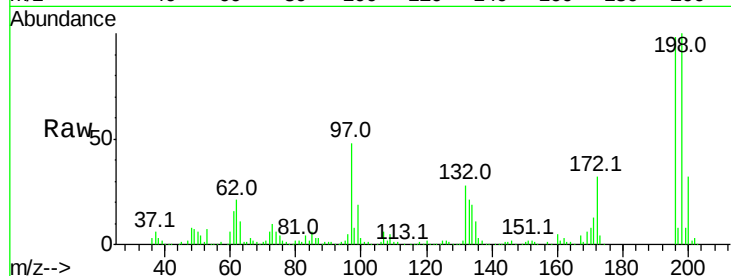
#43
 2,4,5-Trichlorophenol
 Concen: 57.67 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.01 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	196	Resp:	356253
Ion Ratio	Lower	Upper	
196	100		
198	101.6	77.5	116.3
97	49.2	34.8	52.2
132	28.6	23.0	34.4

Manual Integrations
 APPROVED

sohil
 5/18/2016 6:56:23 PM



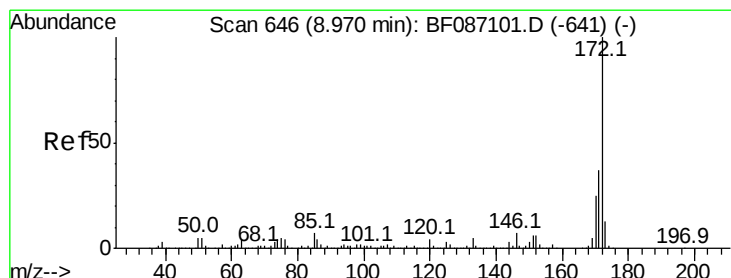
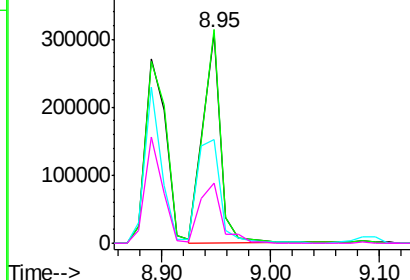
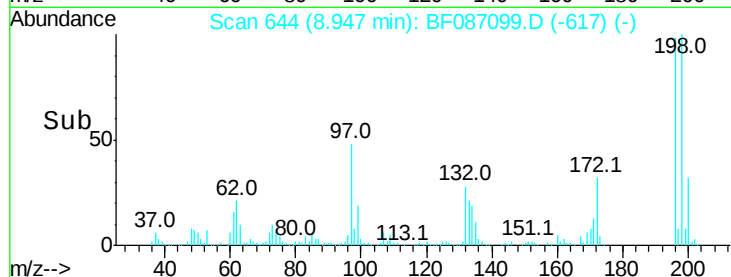
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

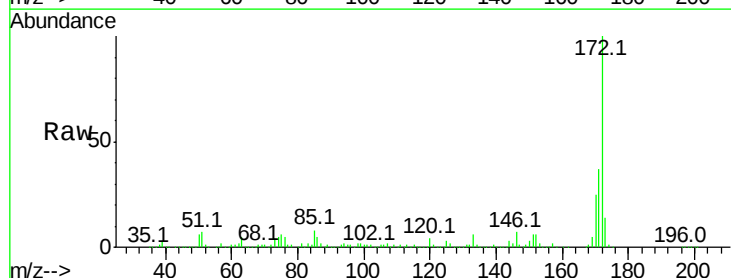
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.33 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Tgt Ion:	172	Resp:	1907398
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.0	43.6
170	24.9	19.8	29.8

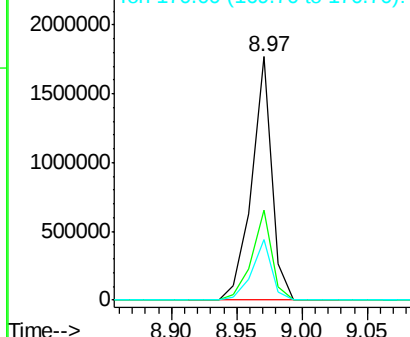
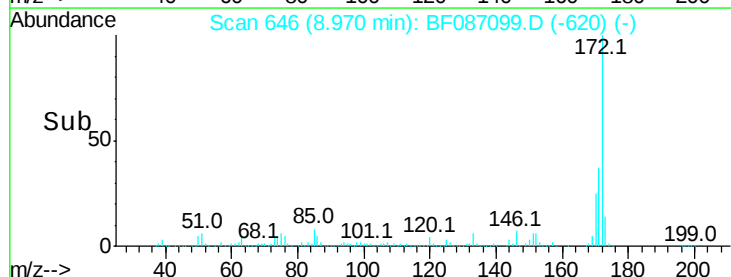


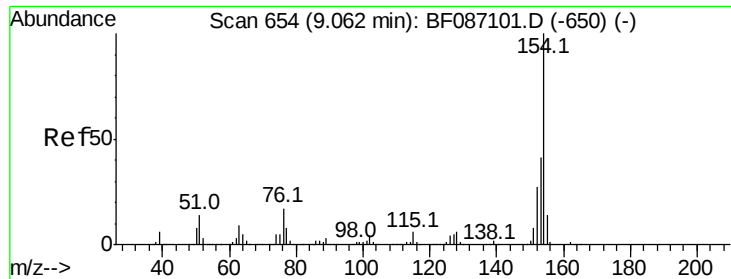
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 62.73 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 1532981

Ion Ratio Lower Upper

154 100

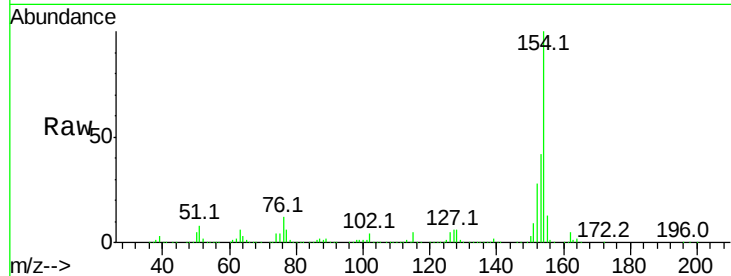
153 41.9 20.3 60.3

76 12.1 0.0 30.2

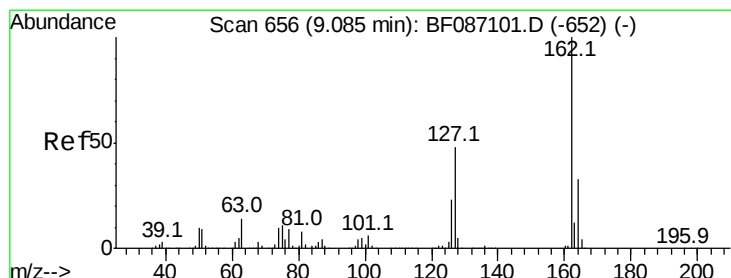
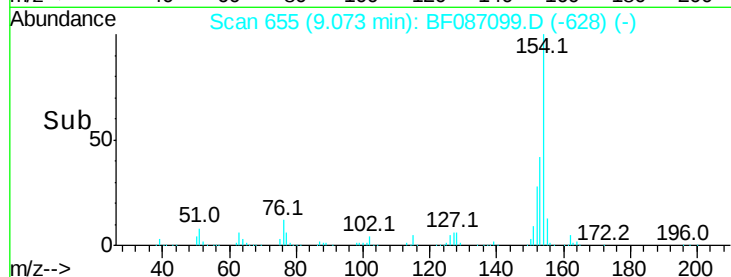
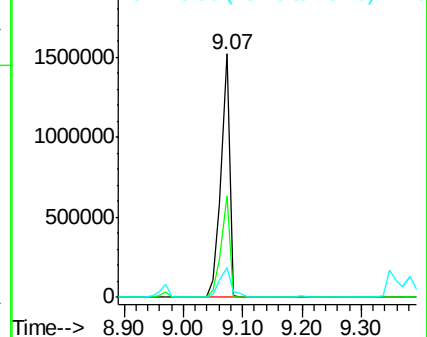
Manual Integrations
APPROVED

sohil

5/18/2016 6:56:23 PM



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



#46

2-Chloronaphthalene

Concen: 61.54 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.01 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

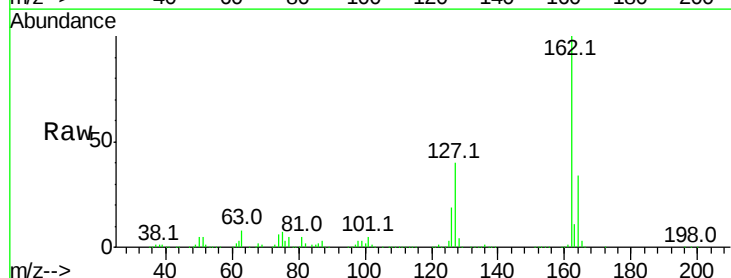
Tgt Ion:162 Resp: 1178338

Ion Ratio Lower Upper

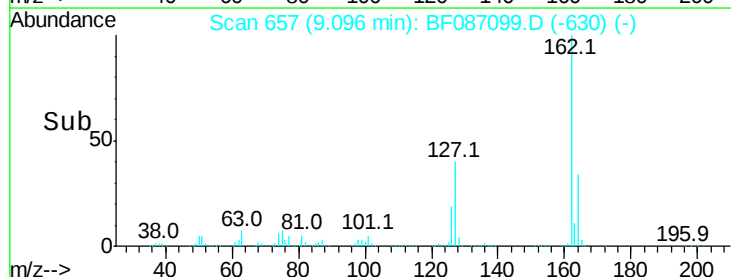
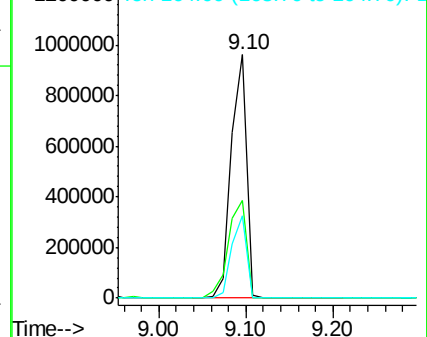
162 100

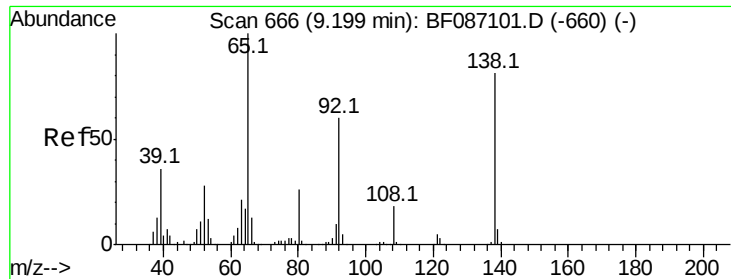
127 40.3 31.8 47.6

164 33.9 27.0 40.6



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





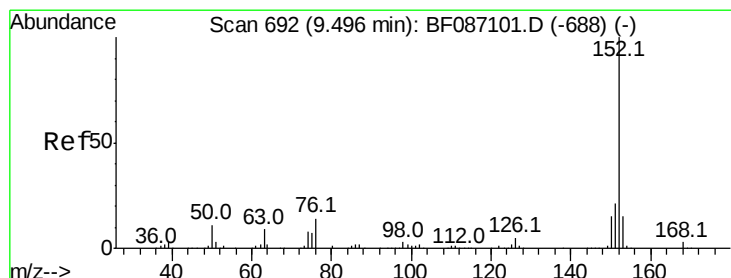
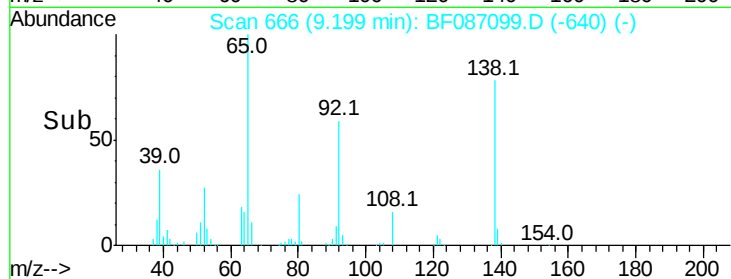
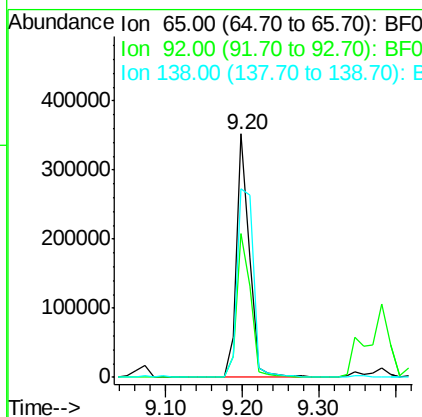
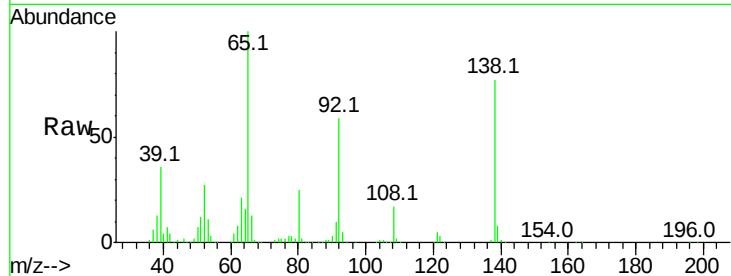
#47
2-Nitroaniline
Concen: 60.84 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.0	57.4	86.2
138	77.3	90.1	135.1#

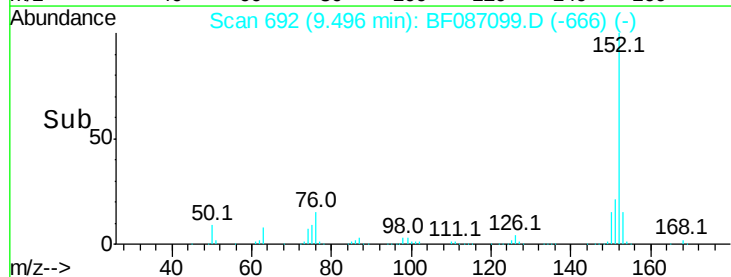
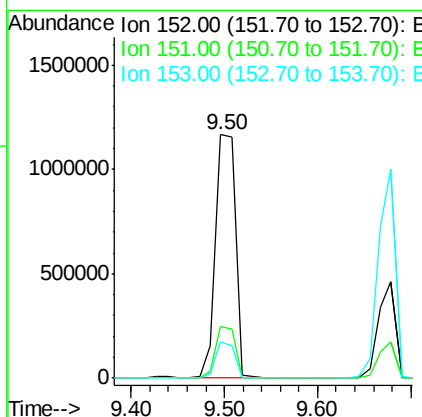
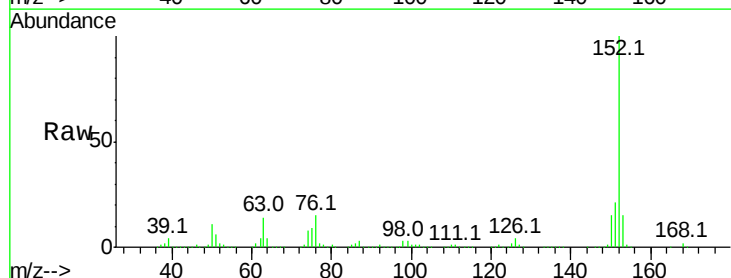
Manual Integrations
APPROVED

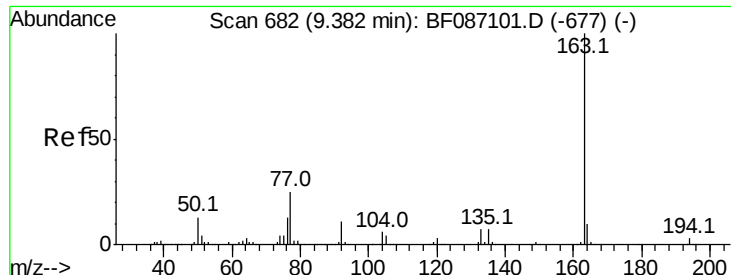
sohil
5/18/2016 6:56:23 PM



#48
Acenaphthylene
Concen: 61.31 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	14.7	10.9	16.3





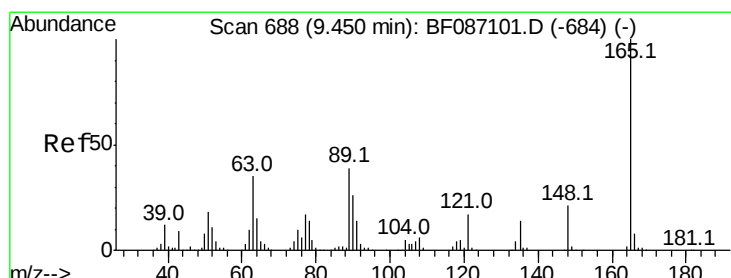
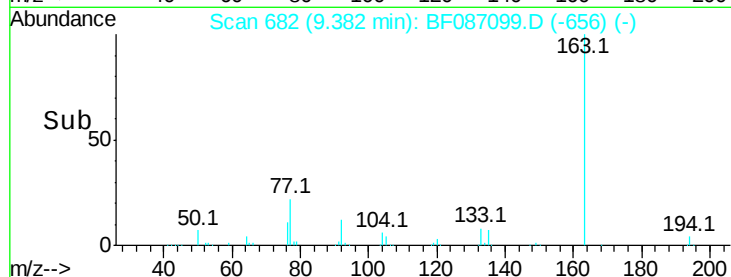
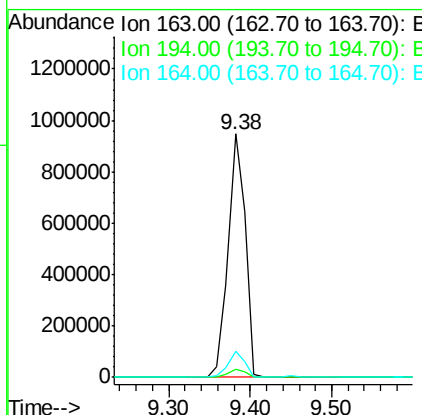
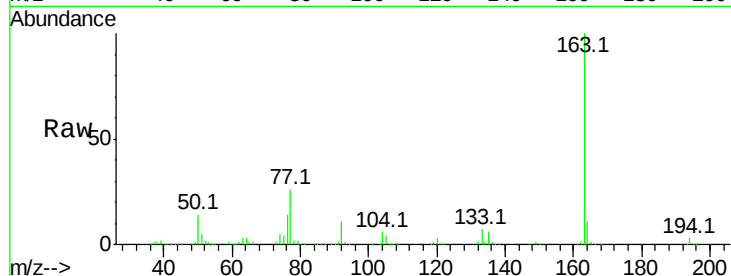
#49
Dimethylphthalate
Concen: 58.82 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.6	8.2	12.4

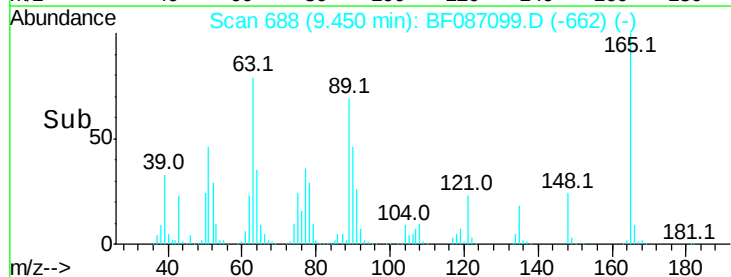
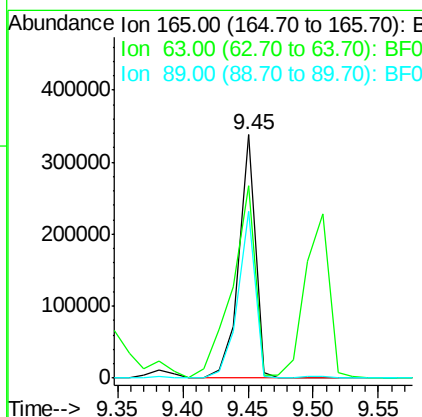
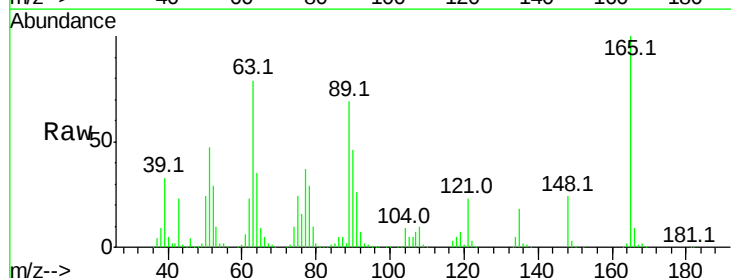
Manual Integrations
APPROVED

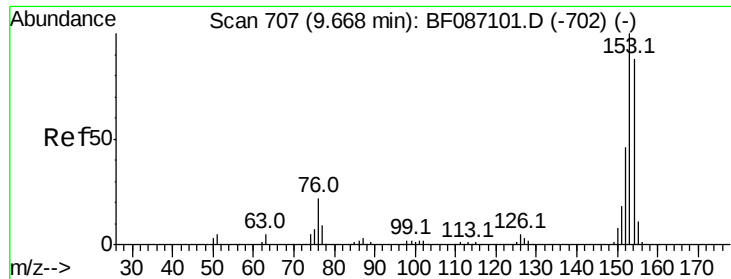
sohil
5/18/2016 6:56:23 PM



#50
2,6-Dinitrotoluene
Concen: 60.25 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	79.3	51.8	77.8#
89	68.7	50.7	76.1





#51

Acenaphthene

Concen: 63.93 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:154 Resp: 1120097

Ion Ratio Lower Upper

154 100

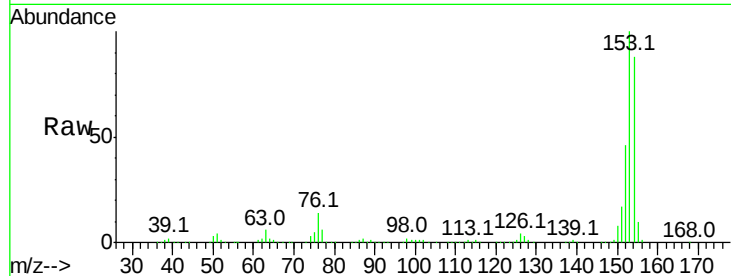
153 113.8 89.8 134.6

152 52.5 43.4 65.0

Manual Integrations
APPROVED

sohil

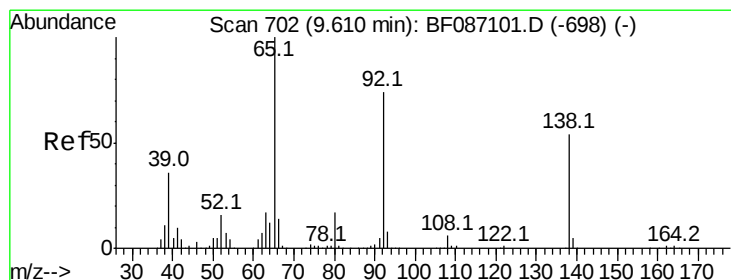
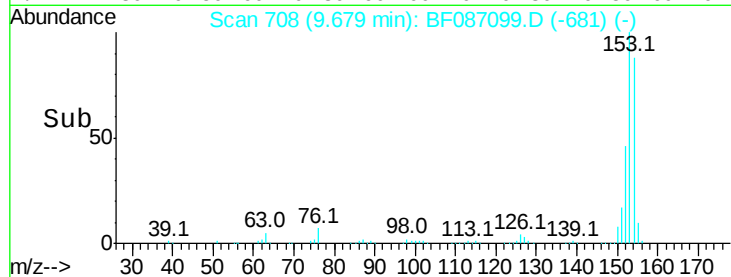
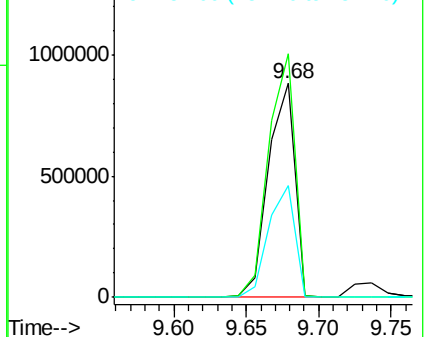
5/18/2016 6:56:23 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 66.36 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.01 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

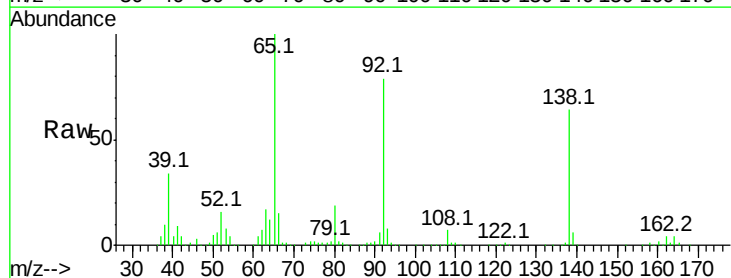
Tgt Ion:138 Resp: 344628

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.6

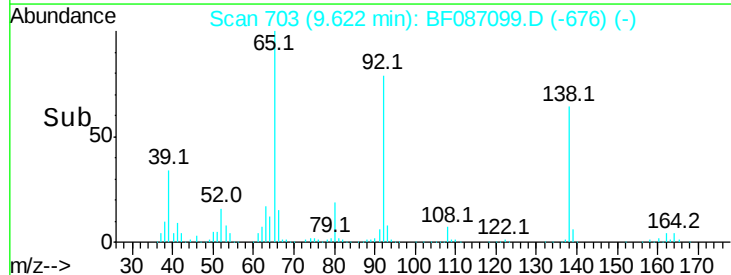
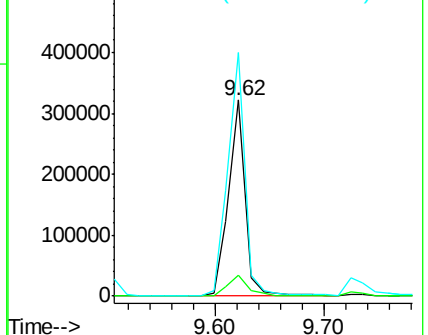
92 124.4 87.8 131.8

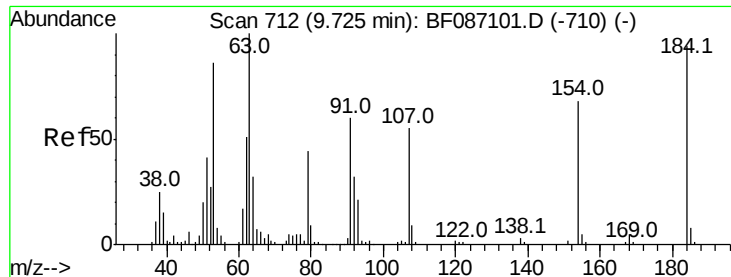


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





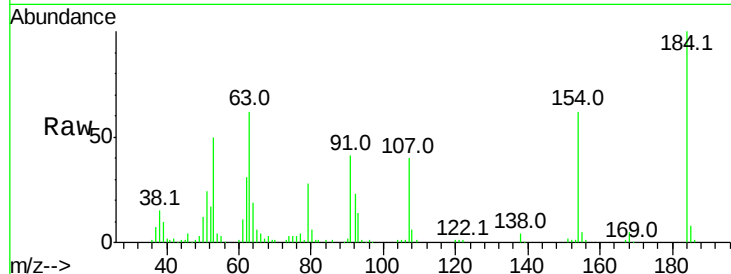
#53
 2,4-Dinitrophenol
 Concen: 79.88 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

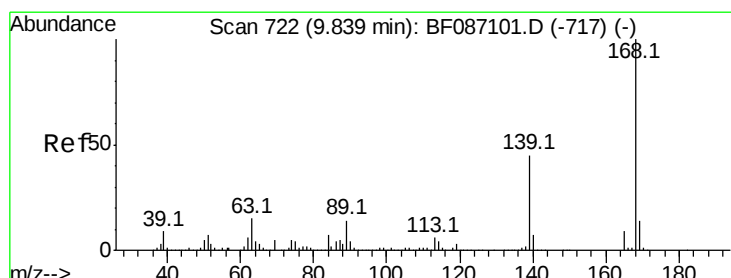
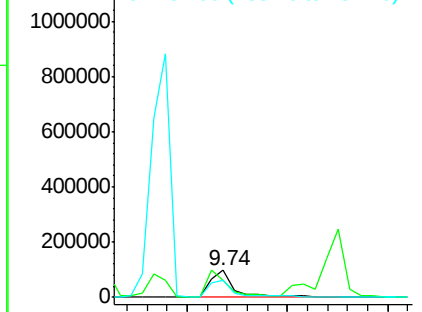
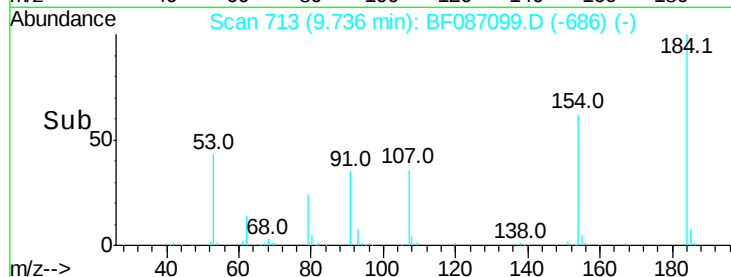
Tot Ion	Ratio	Resp	Lower	Upper
184	100	164037		
63	62.0	55.8	83.8	
154	62.2	62.4	93.6	

Manual Integrations
 APPROVED

sohil
 5/18/2016 6:56:23 PM

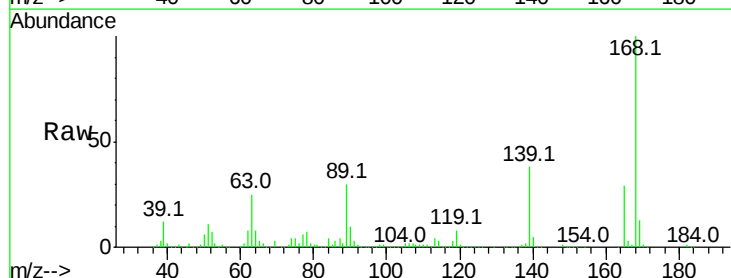


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

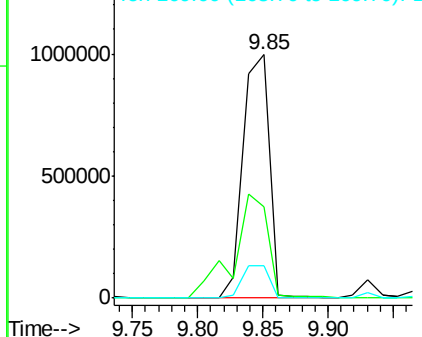
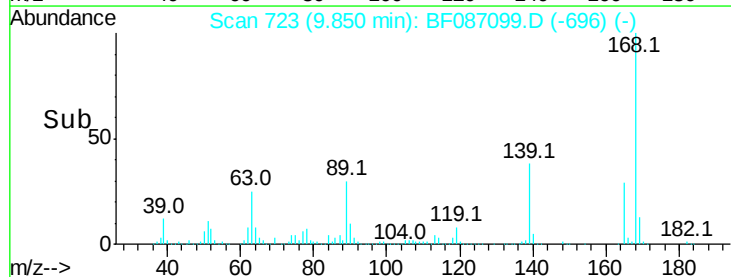


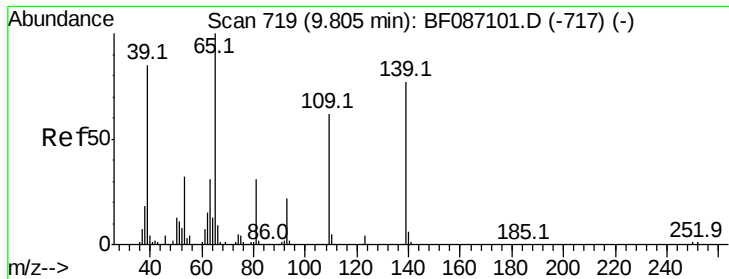
#54
 Dibenzofuran
 Concen: 61.89 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1391739		
139	37.5	31.4	47.0	
169	13.1	10.7	16.1	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 67.26 ng/mL

RT: 9.82 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

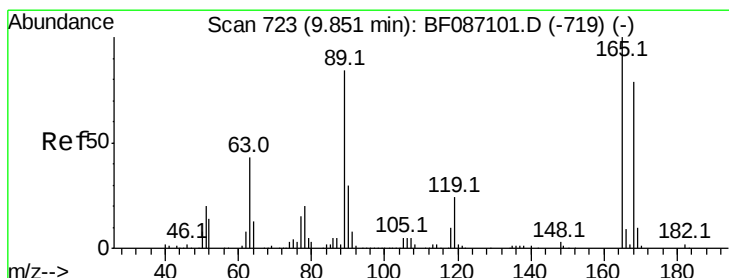
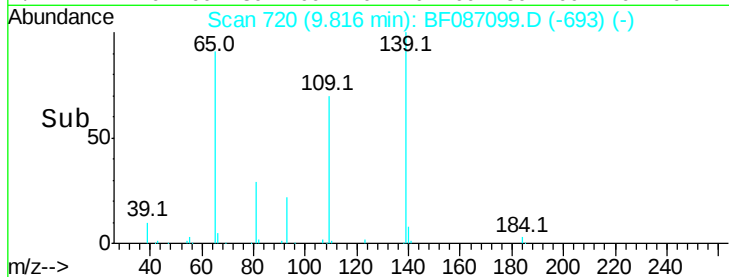
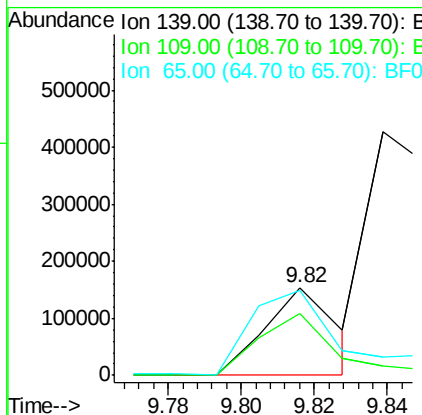
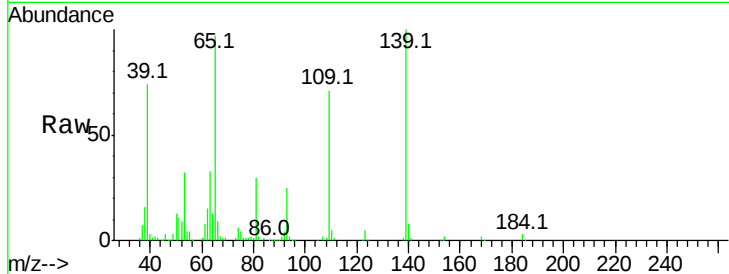
SSTDIC060

Manual Integrations
APPROVED

sohil

5/18/2016 6:56:23 PM

Tot Ion:	139	Resp:	207848
Ion Ratio	Lower	Upper	
139	100		
109	71.1	36.9	76.9
65	96.5	64.0	104.0



#56

2,4-Dinitrotoluene

Concen: 54.77 ng/mL

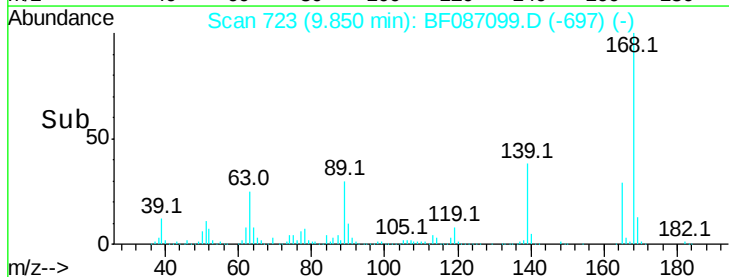
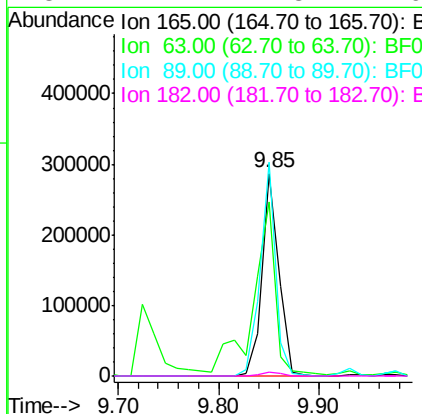
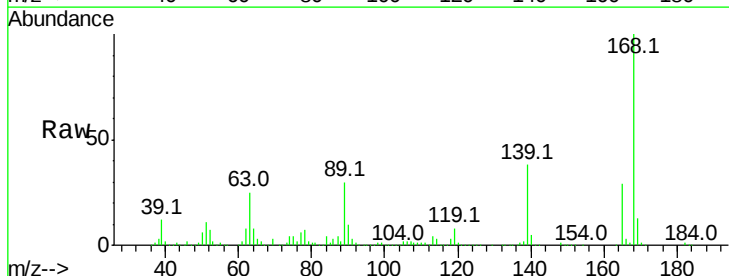
RT: 9.85 min Scan# 723

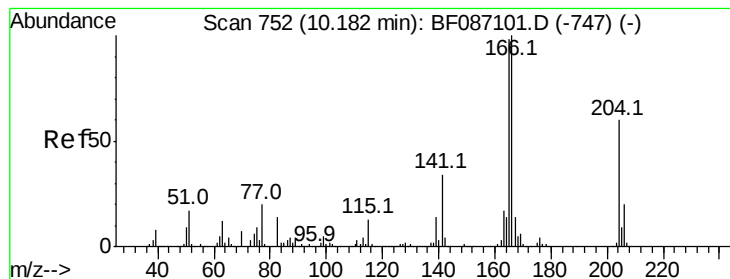
Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Tgt Ion:	165	Resp:	334371
Ion Ratio	Lower	Upper	
165	100		
63	86.4	44.3	66.5#
89	105.6	70.0	105.0#
182	2.2	1.8	2.6





#57

Fluorene

Concen: 56.23 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:166 Resp: 1078469

Ion Ratio Lower Upper

166 100

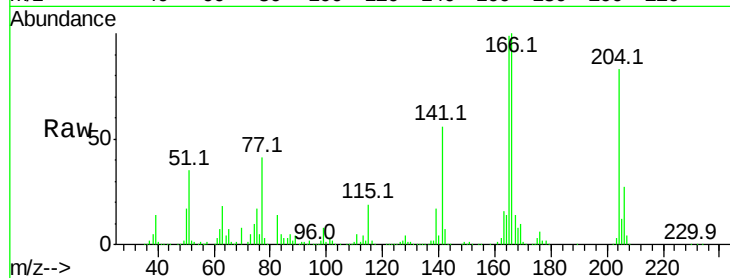
165 99.4 79.0 118.6

167 14.0 10.6 15.8

Manual Integrations
APPROVED

sohil

5/18/2016 6:56:23 PM

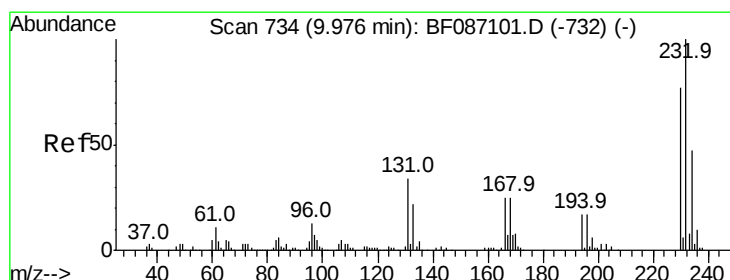
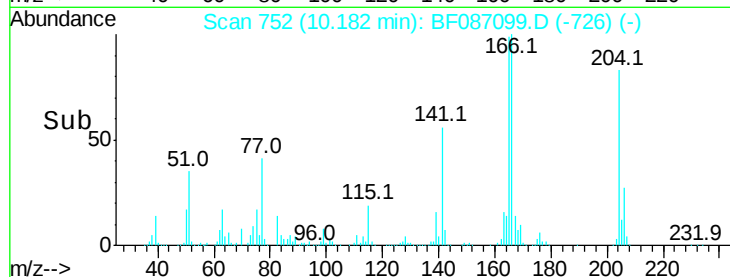
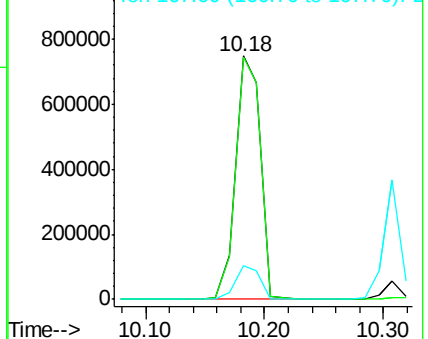


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.38 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Tgt Ion:232 Resp: 280846

Ion Ratio Lower Upper

232 100

131 51.6 41.9 62.9

130 2.7 2.2 3.4

166 32.3 26.8 40.2

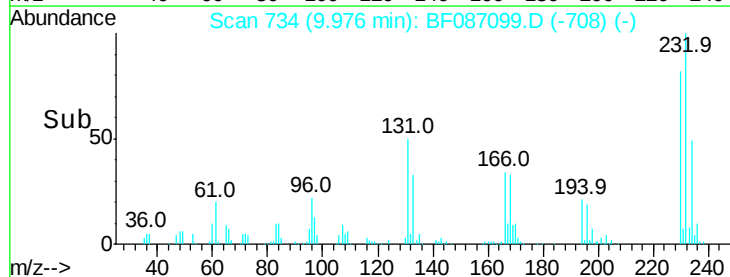
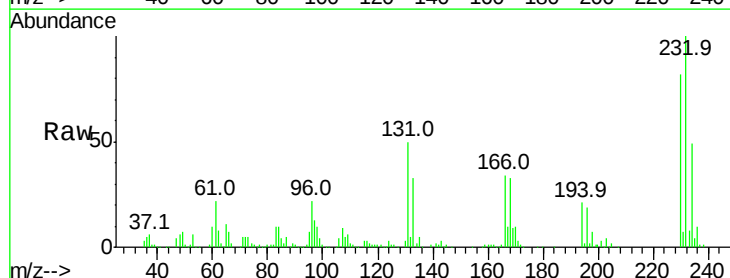
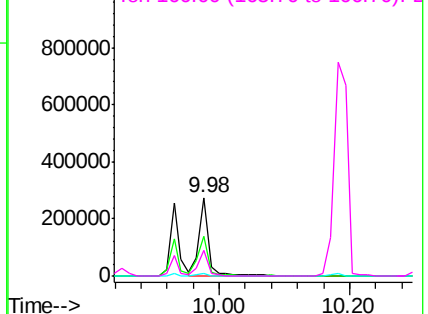
Abundance

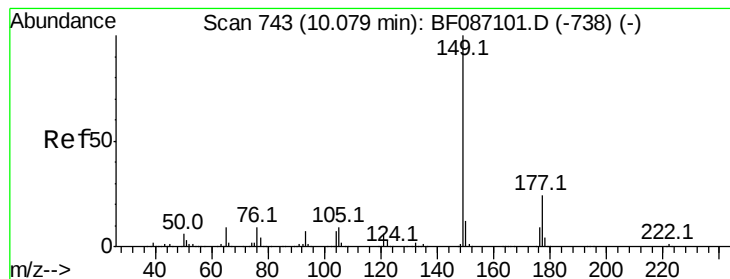
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 54.11 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:149 Resp: 1236150

Ion Ratio Lower Upper

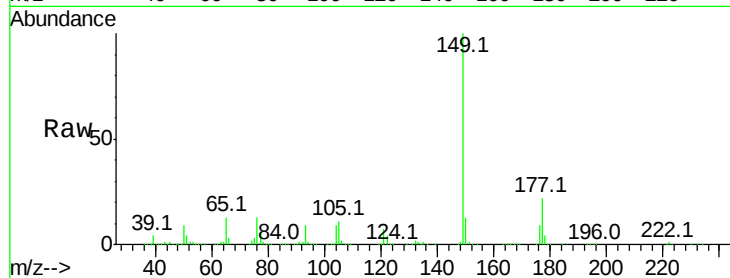
149 100

177 21.8 16.6 24.8

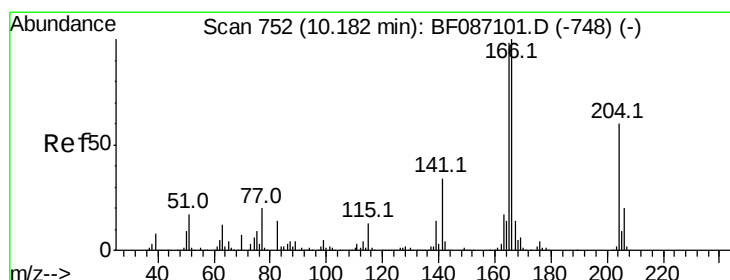
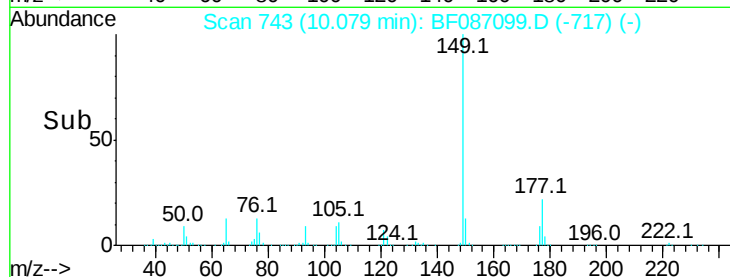
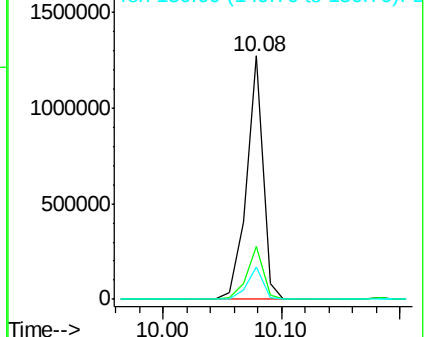
150 13.1 10.0 15.0

Manual Integrations
APPROVED

sohil
5/18/2016 6:56:23 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 53.54 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

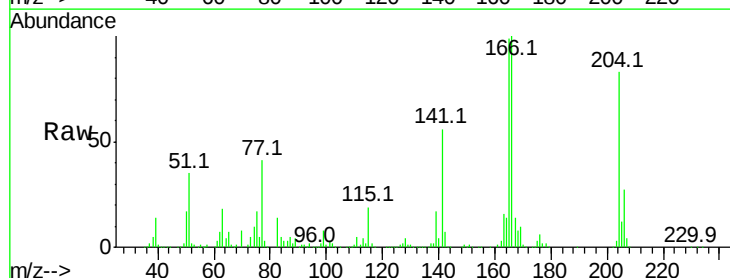
Tgt Ion:204 Resp: 522405

Ion Ratio Lower Upper

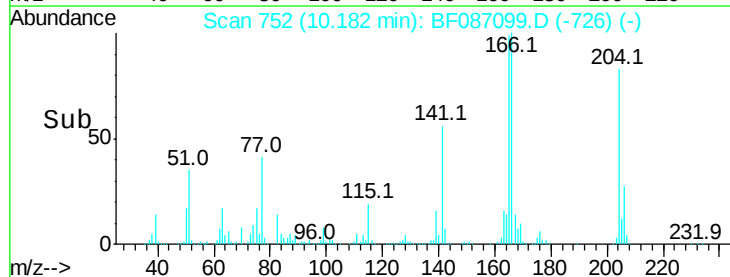
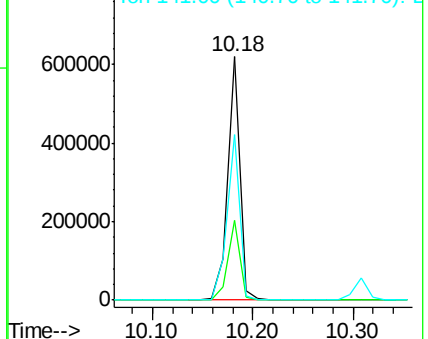
204 100

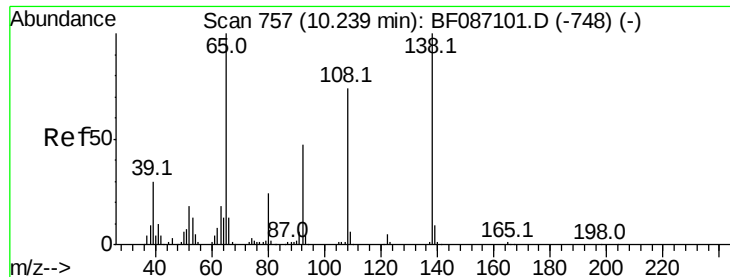
206 32.8 25.4 38.0

141 68.0 61.6 92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 61.45 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

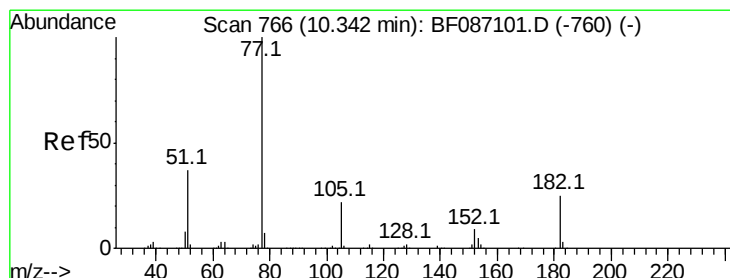
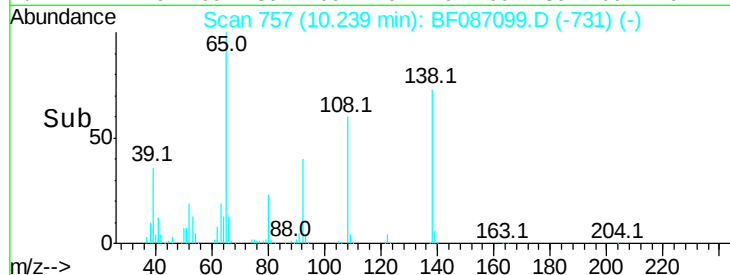
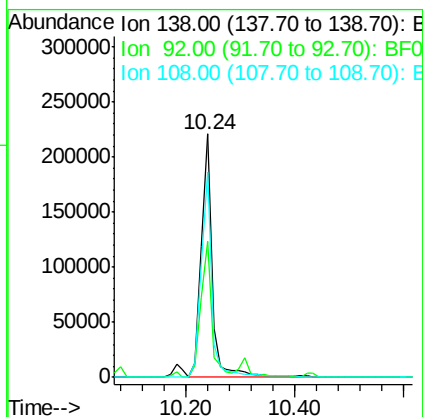
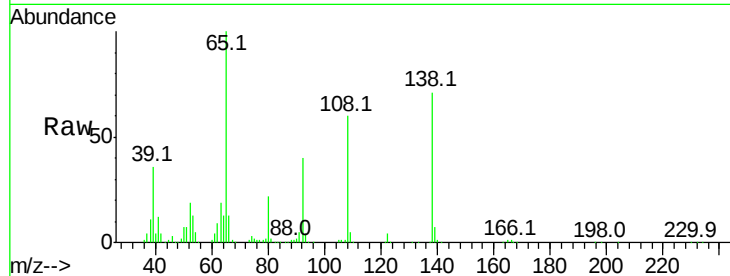
ClientSampleId :

SSTDICC060

Tot Ion:	138	Resp:	306514
Ion Ratio	Lower	Upper	
138	100		
92	55.7	24.7	64.7
108	84.0	37.4	77.4#

Manual Integrations
APPROVED

sohil
5/18/2016 6:56:23 PM



#62

Azobenzene

Concen: 59.77 ng

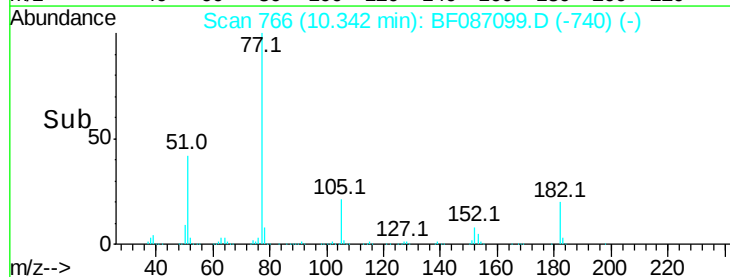
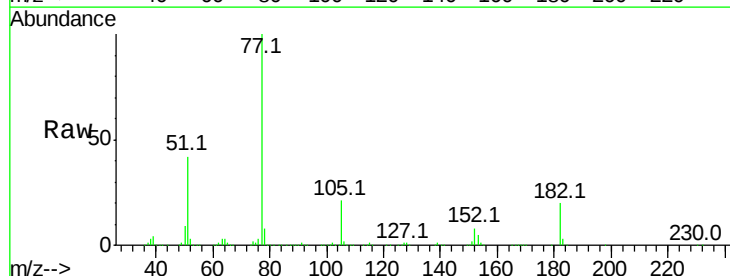
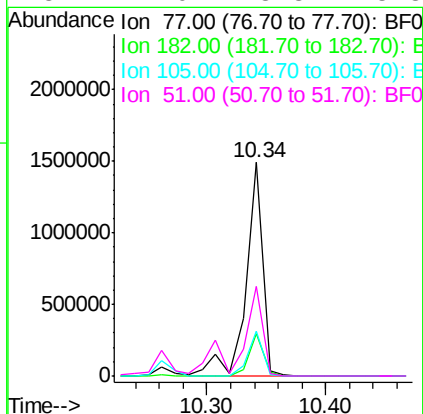
RT: 10.34 min Scan# 766

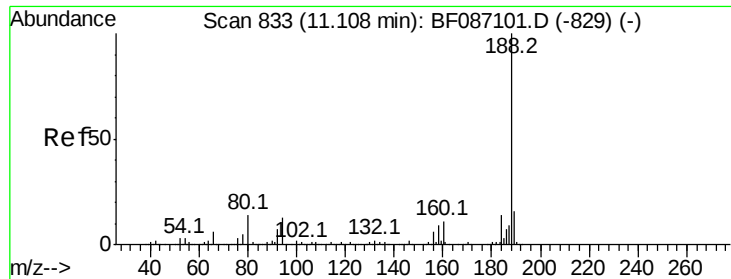
Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Tgt Ion:	77	Resp:	1473057
Ion Ratio	Lower	Upper	
77	100		
182	19.9	0.0	38.8
105	20.9	3.2	43.2
51	42.0	8.8	48.8





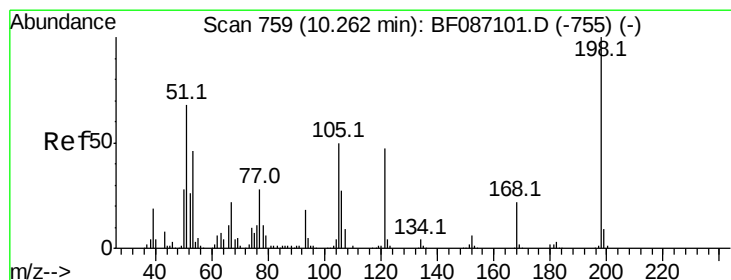
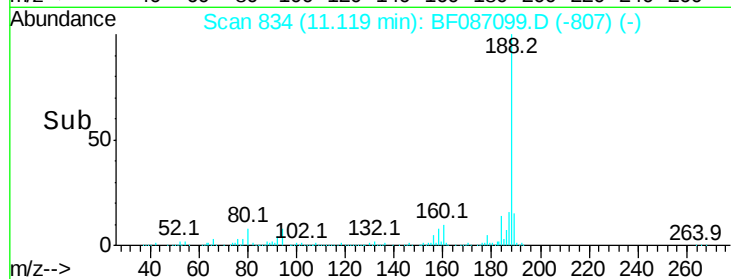
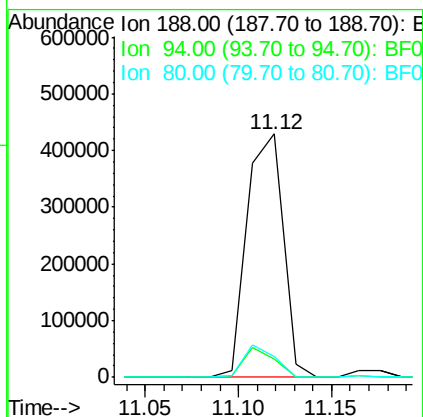
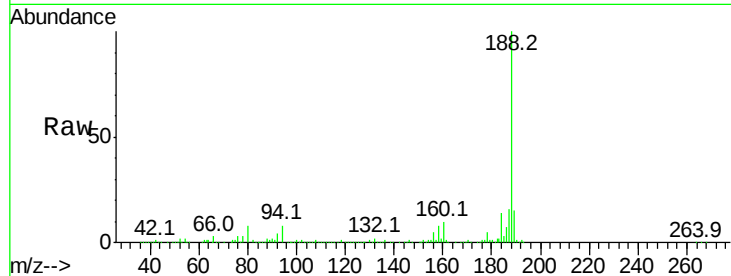
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	6.8	10.2
80	8.4	7.1	10.7

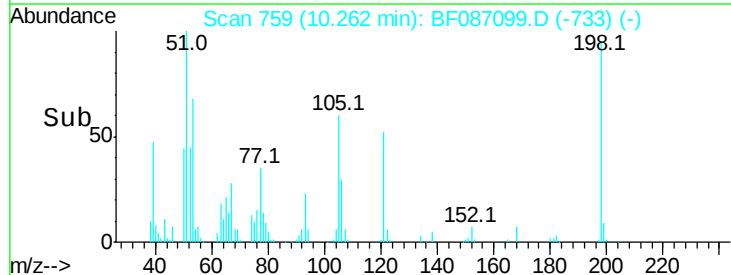
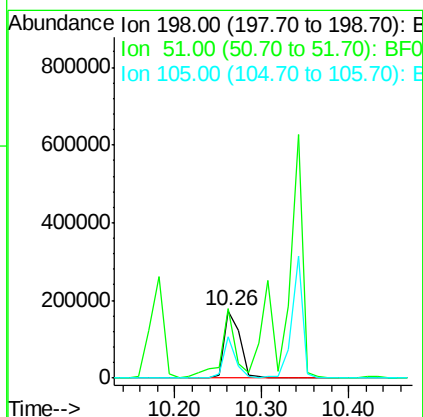
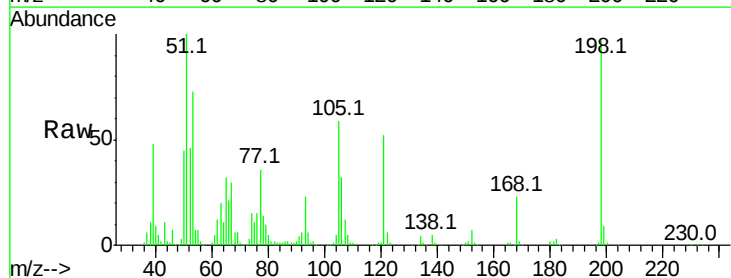
Manual Integrations
APPROVED

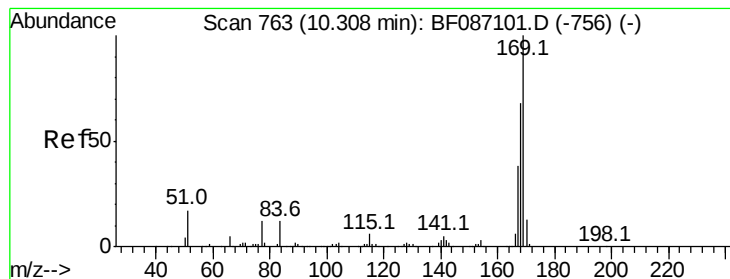
sohil
5/18/2016 6:56:23 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 62.53 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	103.4	20.5	60.5#
105	61.4	24.5	64.5





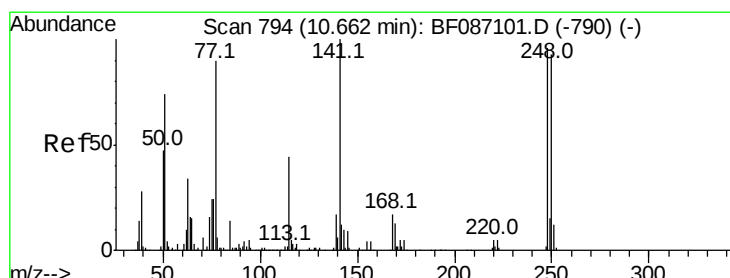
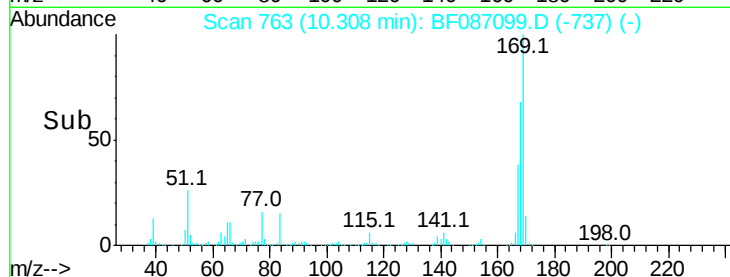
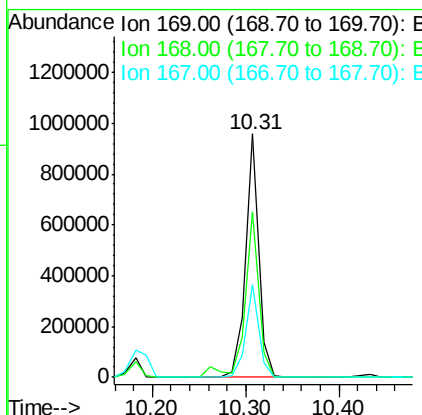
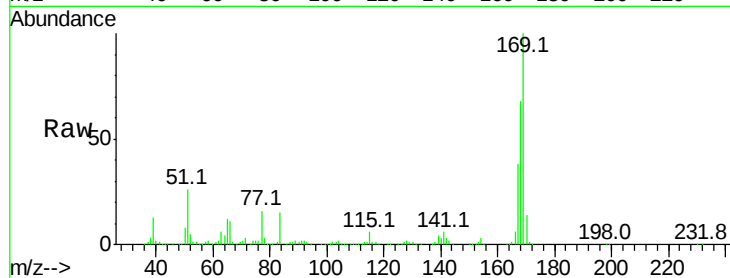
#65
n-Nitrosodiphenylamine
Concen: 52.67 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
169	100	940237		
168	67.9		53.8	80.6
167	38.2		29.5	44.3

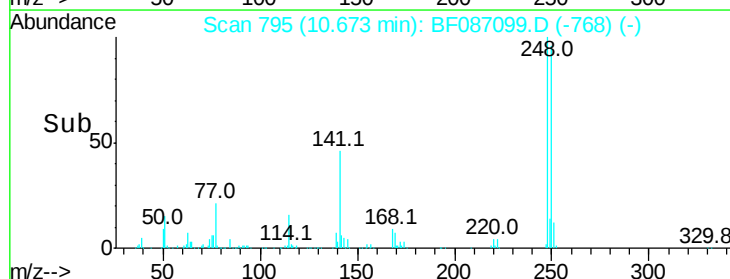
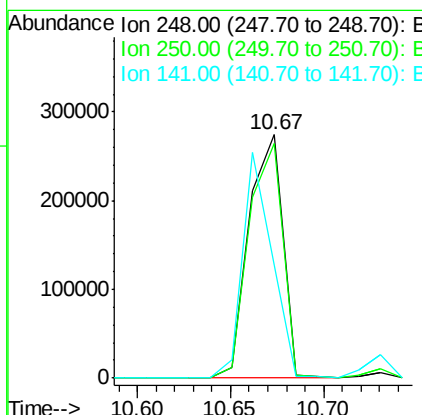
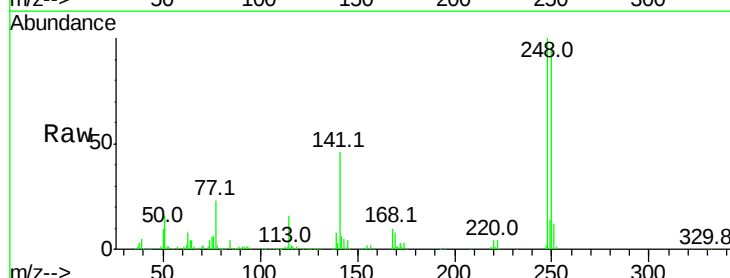
Manual Integrations
APPROVED

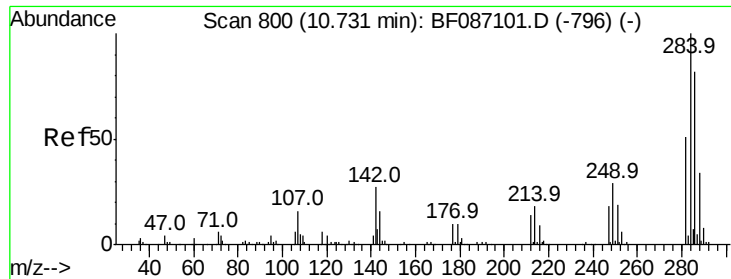
sohil
5/18/2016 6:56:23 PM



#66
4-Bromophenyl-phenylether
Concen: 58.60 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	345269		
250	96.3		78.6	117.8
141	46.5		76.0	114.0#





#67

Hexachlorobenzene

Concen: 52.73 ng

RT: 10.73 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

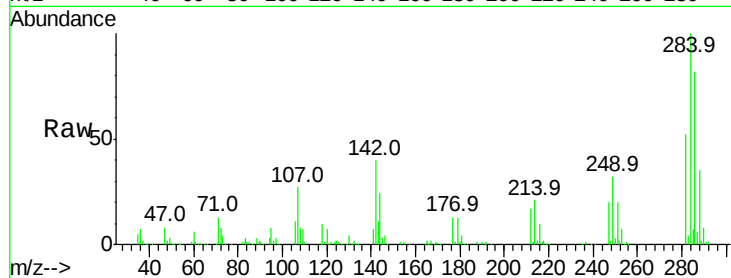
ClientSampleId :

SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
284	100	363084		
142	40.0	16.7	25.1#	
249	31.9	21.3	31.9	

Manual Integrations
APPROVED

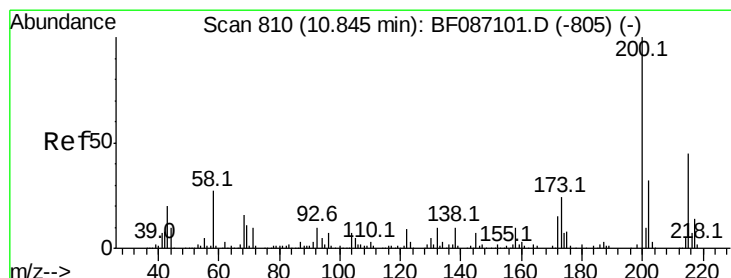
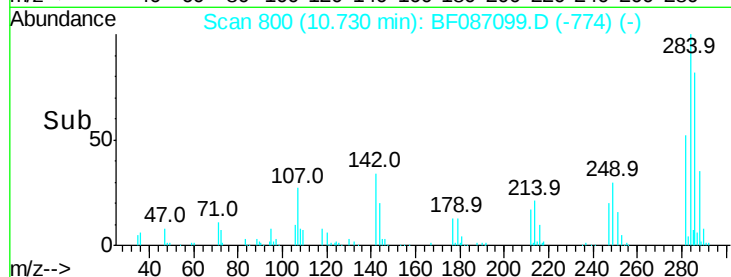
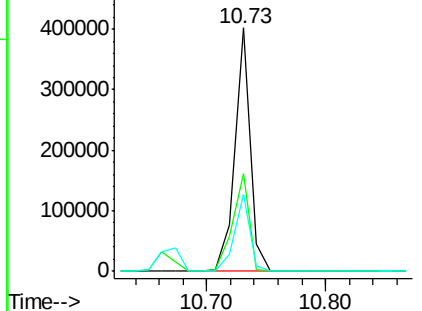
sohil
5/18/2016 6:56:23 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.55 ng

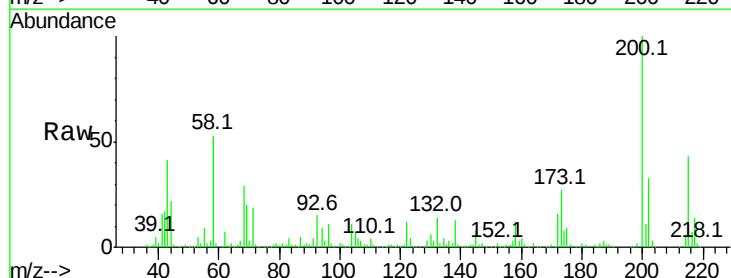
RT: 10.84 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

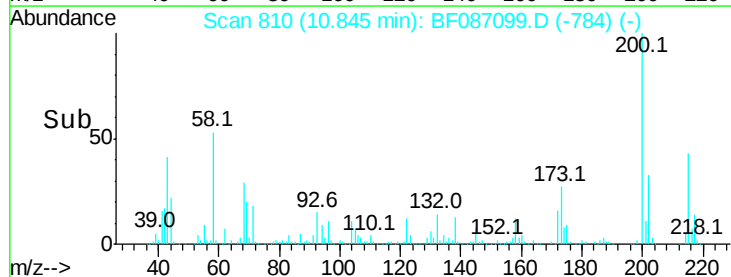
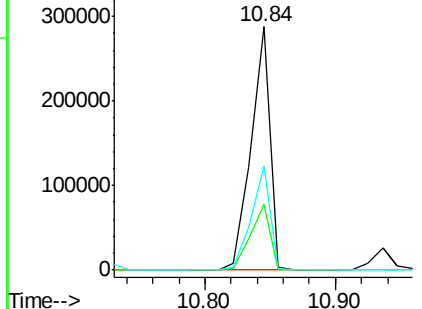
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	289557		
173	26.8	8.5	48.5	
215	42.9	27.2	67.2	

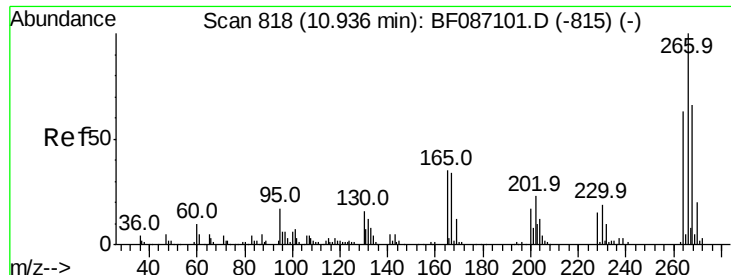


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





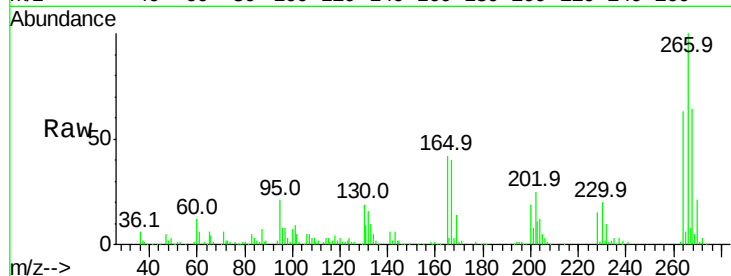
#69
 Pentachlorophenol
 Concen: 52.46 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

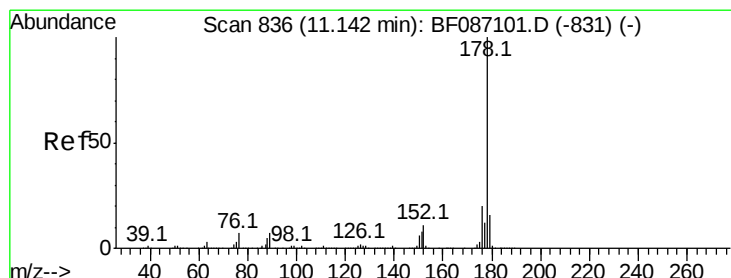
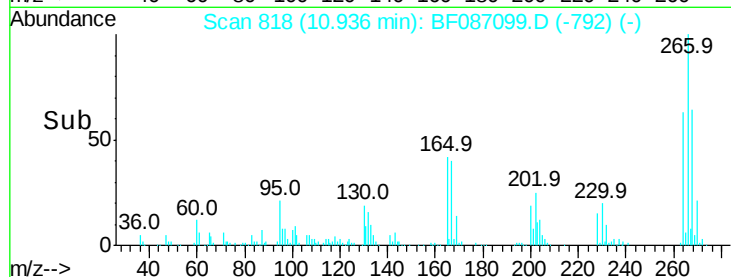
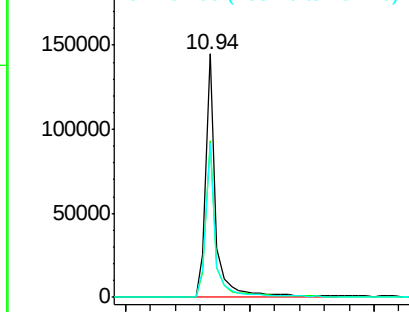
Tot Ion	Ratio	Resp	Lower	Upper
266	100	166950		
268	64.5	51.5	77.3	
264	63.2	52.9	79.3	

Manual Integrations
 APPROVED

sohil
 5/18/2016 6:56:23 PM

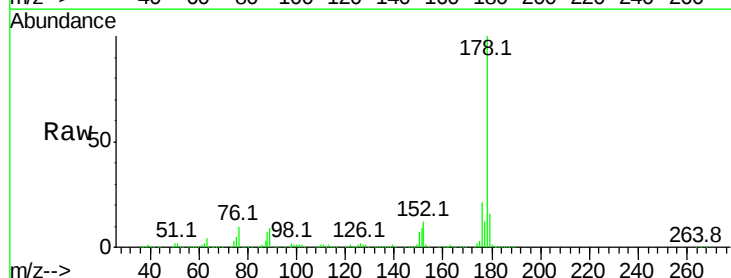


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

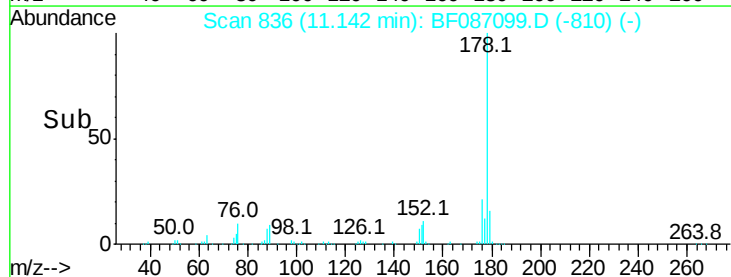
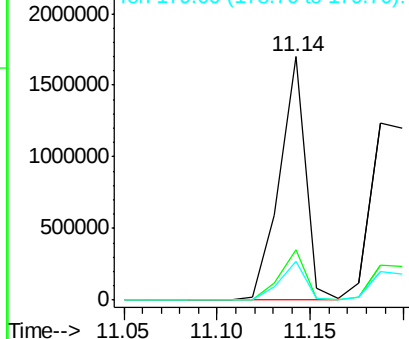


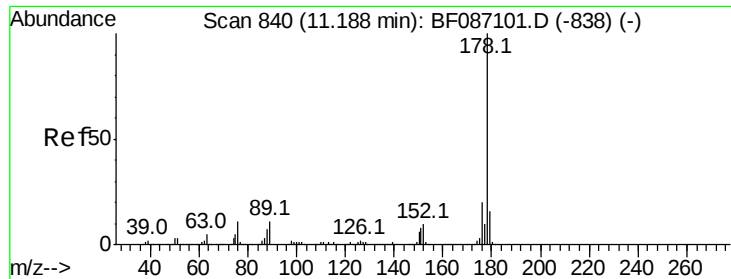
#70
 Phenanthrene
 Concen: 53.17 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1649022		
176	20.7	16.0	24.0	
179	16.2	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





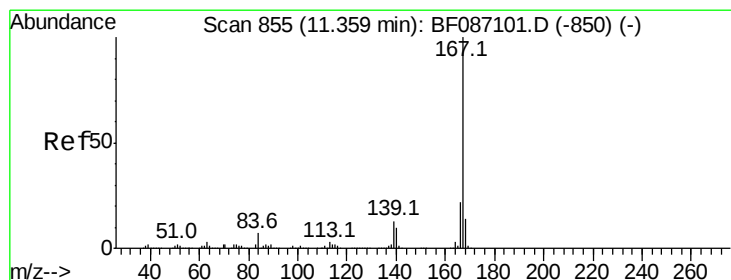
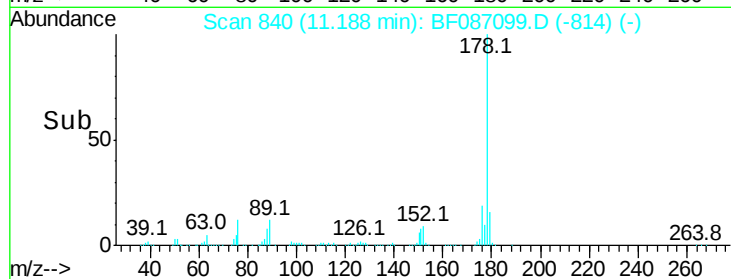
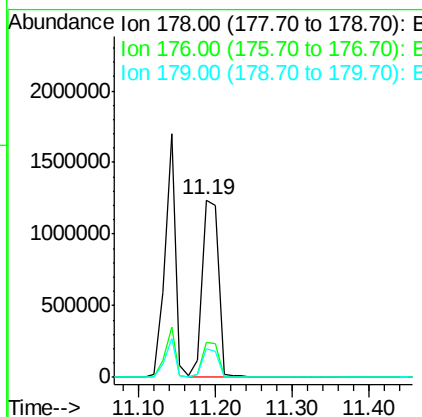
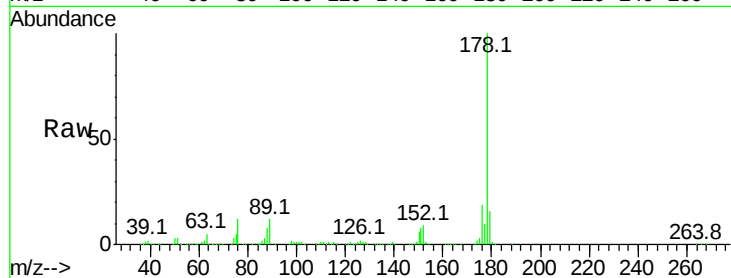
#71
 Anthracene
 Concen: 56.62 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:178 Resp: 1795777
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.0 12.7 19.1

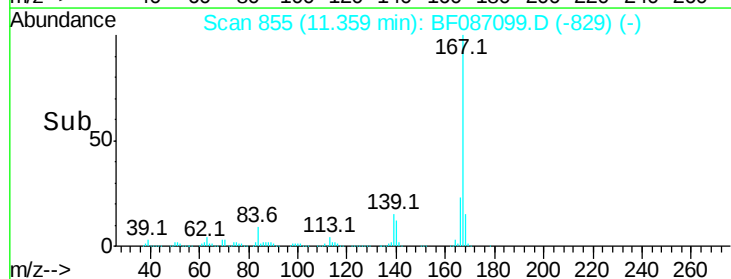
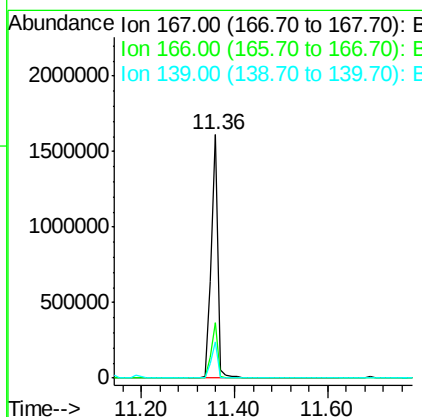
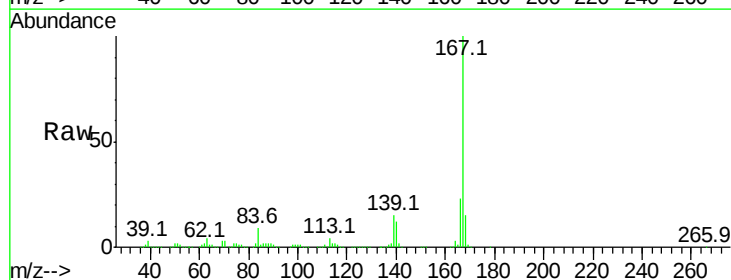
Manual Integrations
 APPROVED

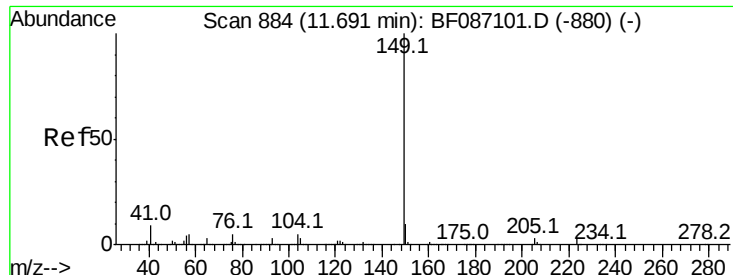
sohil
 5/18/2016 6:56:23 PM



#72
 Carbazole
 Concen: 60.46 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Tgt Ion:167 Resp: 1648523
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.7 26.5
 139 15.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 56.65 ng

RT: 11.69 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1886276

Ion Ratio Lower Upper

149 100

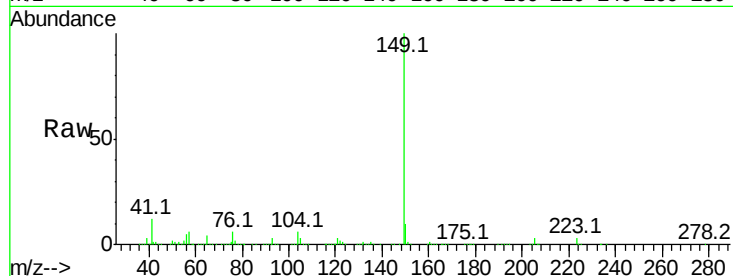
150 9.6 7.6 11.4

104 6.0 3.8 5.6#

Manual Integrations
APPROVED

sohil

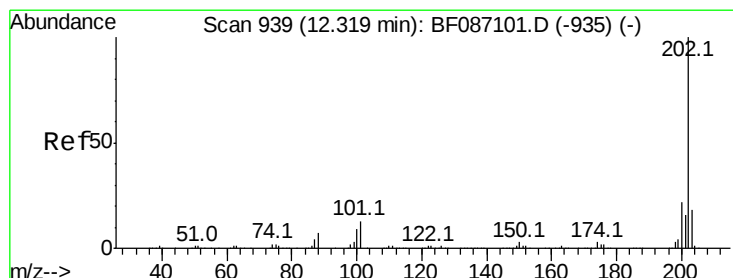
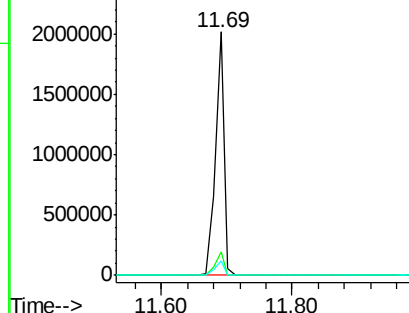
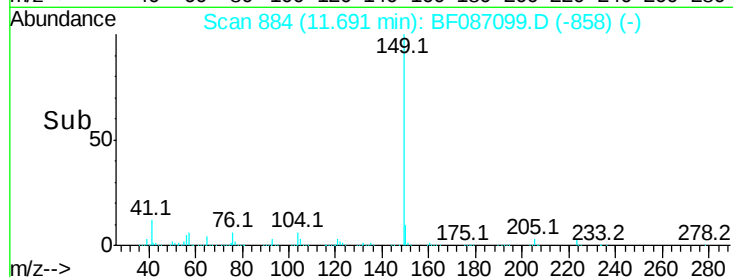
5/18/2016 6:56:23 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.28 ng

RT: 12.32 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

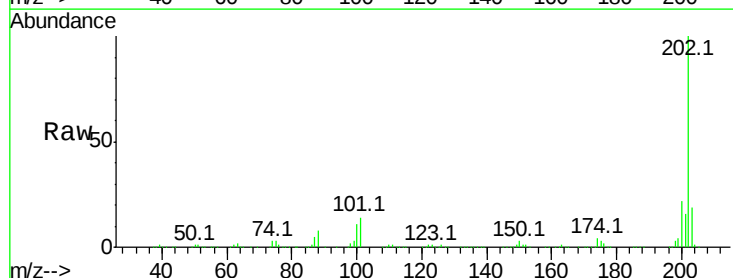
Tgt Ion:202 Resp: 1572047

Ion Ratio Lower Upper

202 100

101 14.4 0.0 35.4

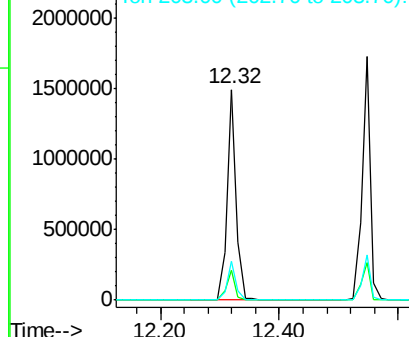
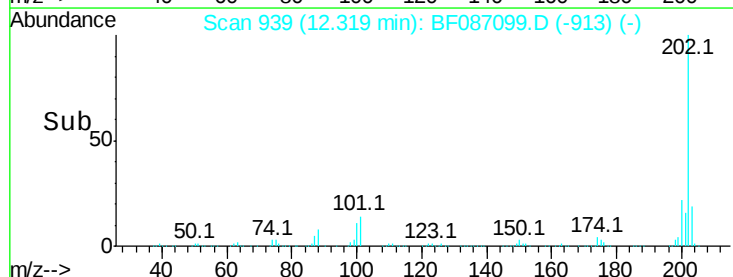
203 18.6 0.0 38.1

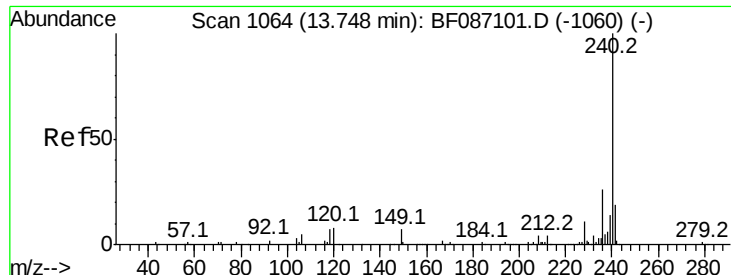


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

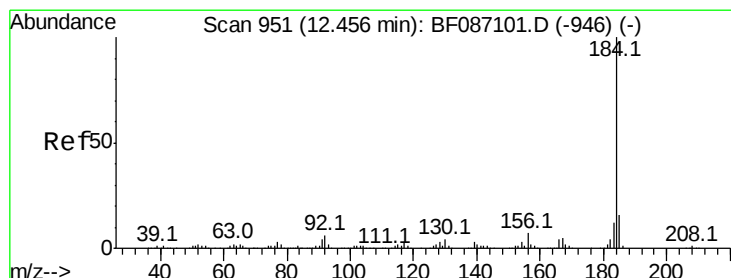
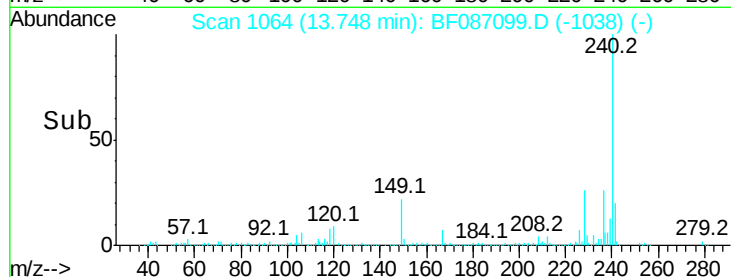
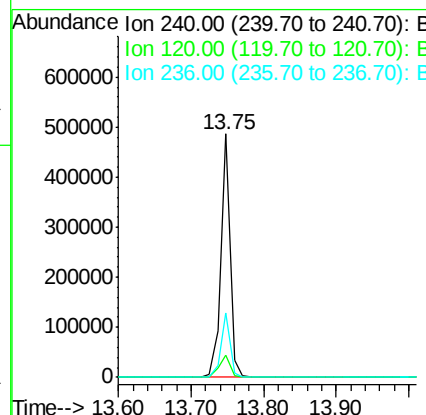
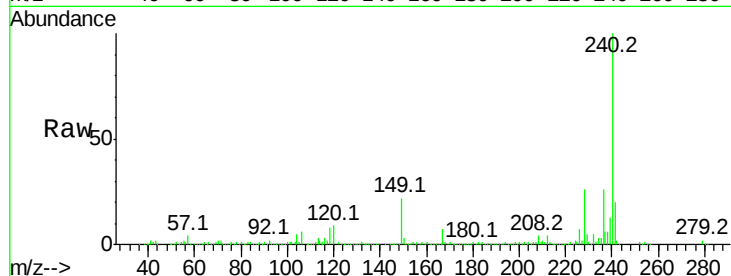
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	11.2	16.8#
236	26.3	21.2	31.8

Manual Integrations
APPROVED

sohil
5/18/2016 6:56:23 PM



#76

Benzidine

Concen: 52.42 ng

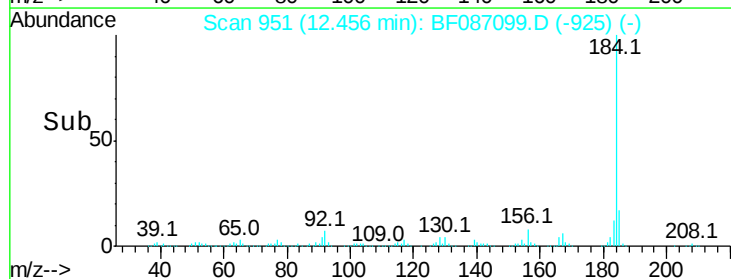
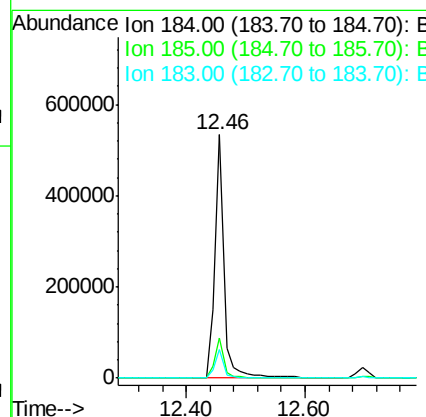
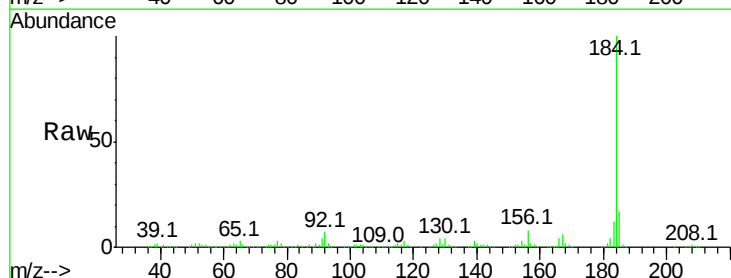
RT: 12.46 min Scan# 951

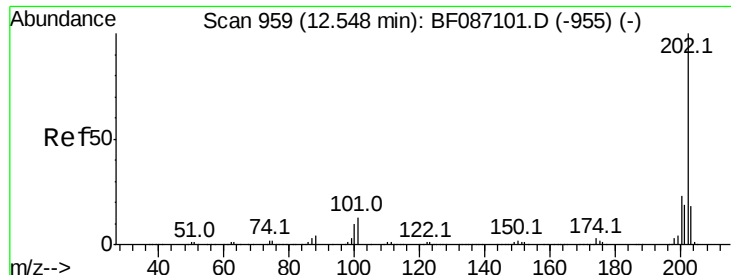
Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.6	20.4
183	11.7	9.8	14.6





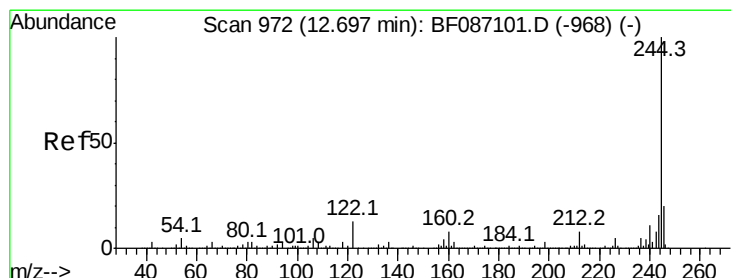
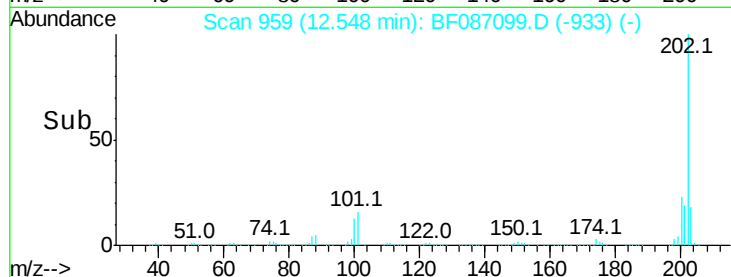
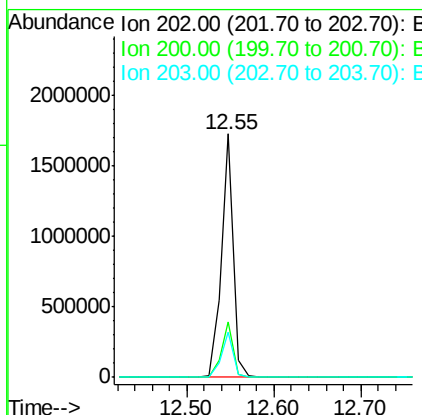
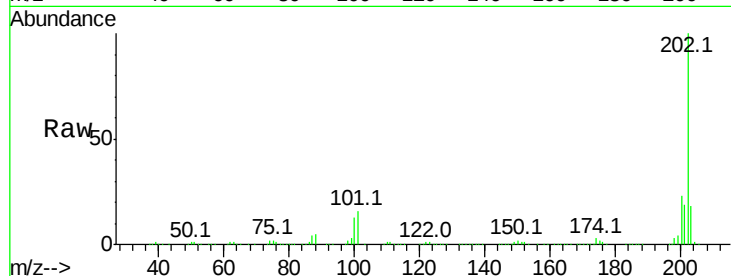
#77
Pvrene
Concen: 50.55 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.7	26.5
203	18.4	14.2	21.4

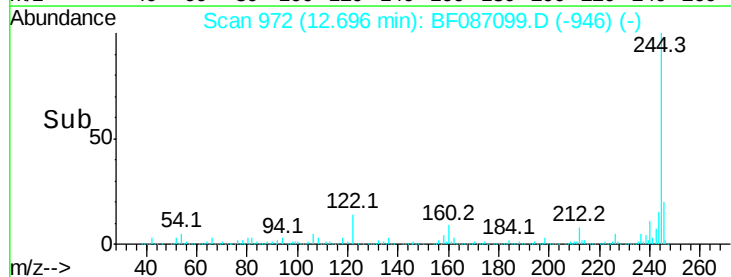
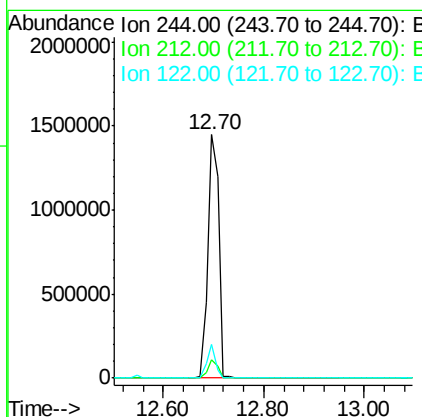
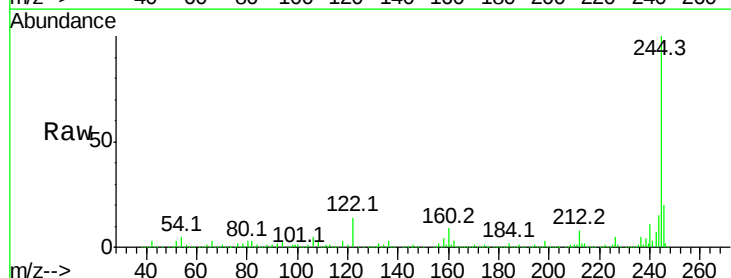
Manual Integrations
APPROVED

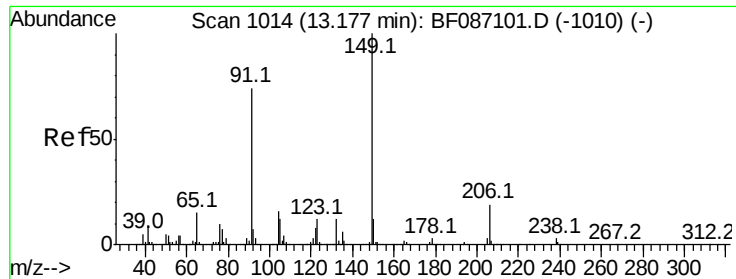
sohil
5/18/2016 6:56:23 PM



#78
Terphenyl-d14
Concen: 106.91 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.0	12.0	18.0





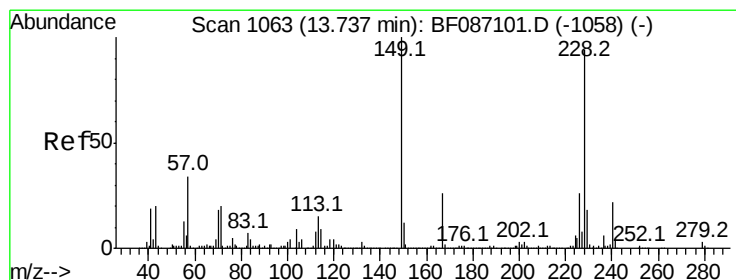
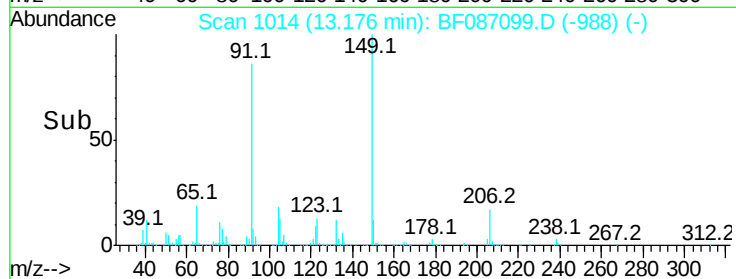
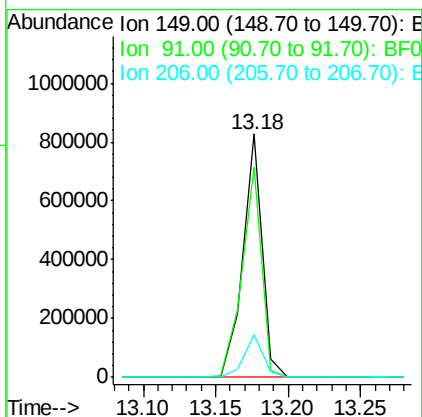
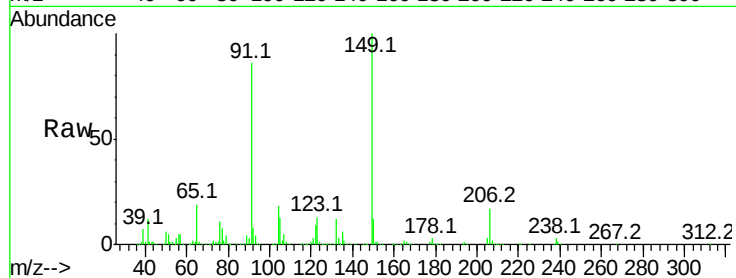
#79
Butylbenzylphthalate
Concen: 54.59 ng
RT: 13.18 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
149	100	761568		
91	86.3	48.0	72.0#	
206	17.3	15.8	23.6	

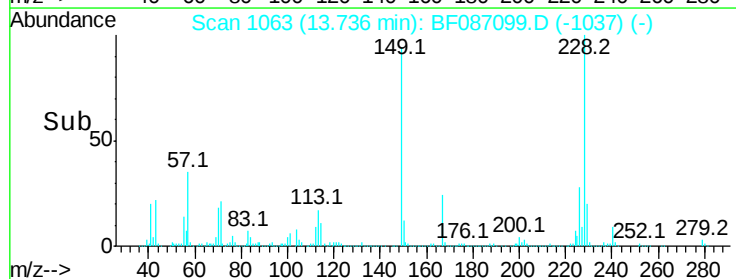
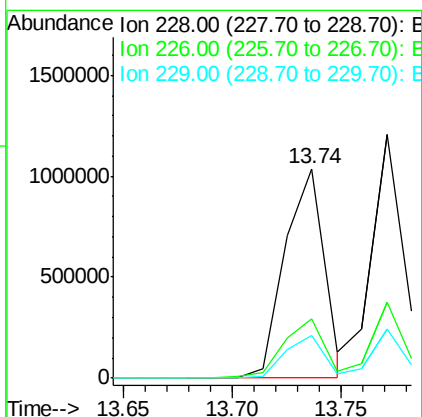
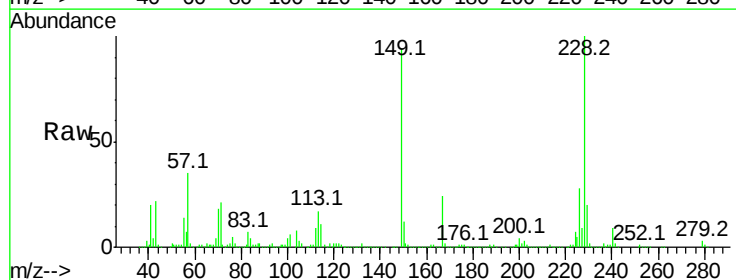
Manual Integrations
APPROVED

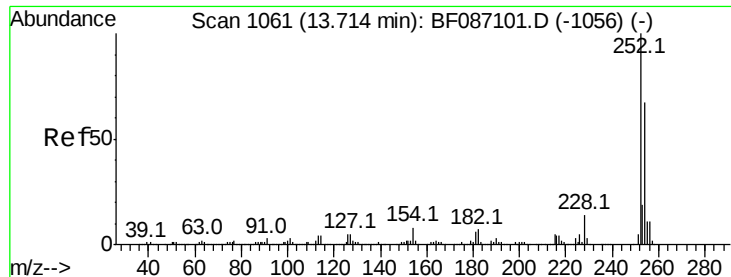
sohil
5/18/2016 6:56:23 PM



#80
Benzo(a)anthracene
Concen: 54.34 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1314215		
226	28.3	22.5	33.7	
229	20.3	16.6	25.0	





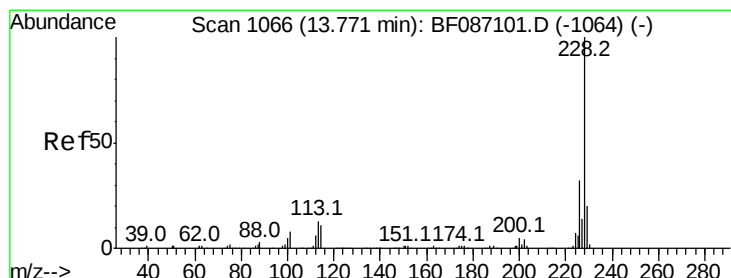
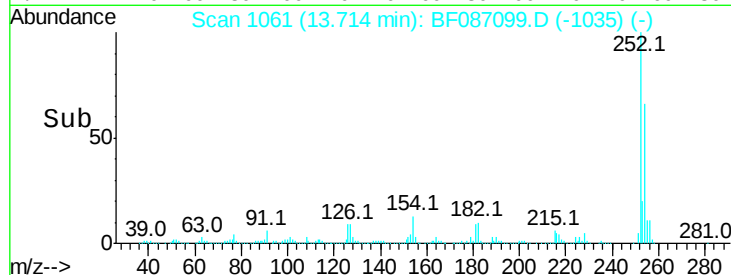
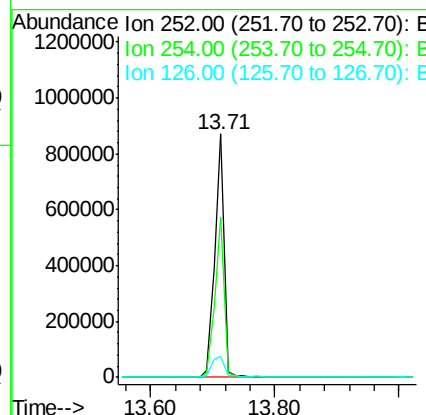
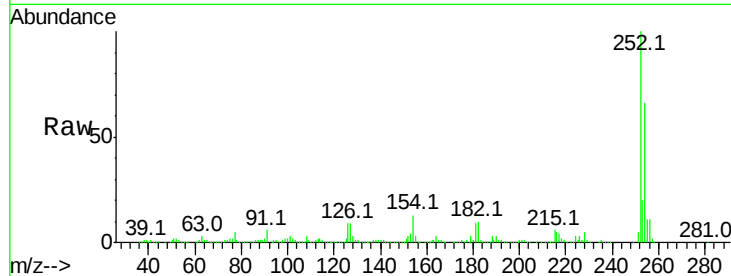
#81
 3,3'-Dichlorobenzidine
 Concen: 59.68 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
252	100	917012		
254	65.9	50.7	76.1	
126	8.8	12.7	19.1	

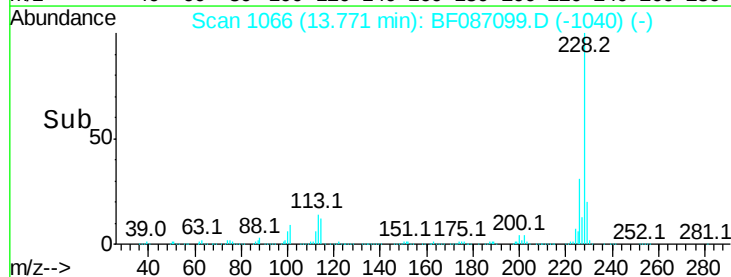
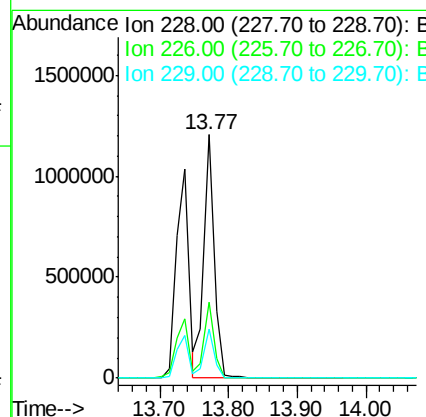
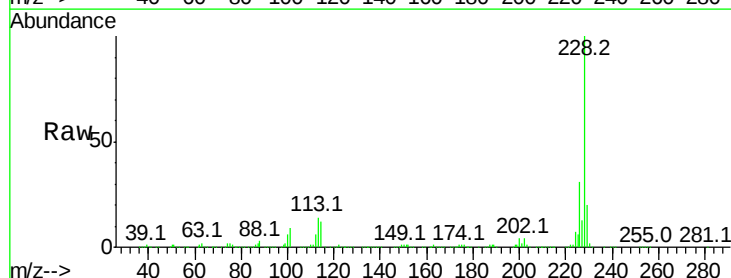
Manual Integrations
 APPROVED

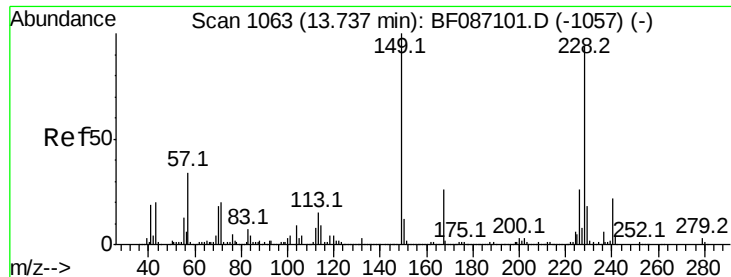
sohil
 5/18/2016 6:56:23 PM



#82
 Chrysene
 Concen: 51.02 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1255141		
226	31.3	24.4	36.6	
229	20.1	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.37 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 878902

Ion Ratio Lower Upper

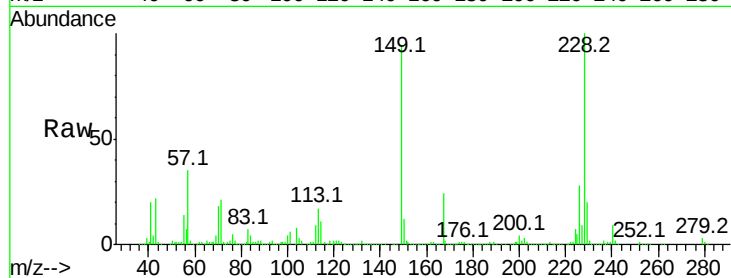
149 100

167 25.6 21.8 32.6

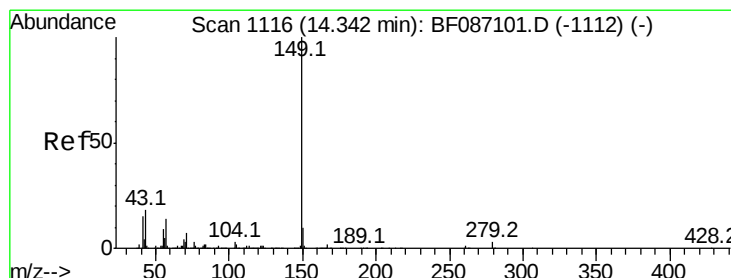
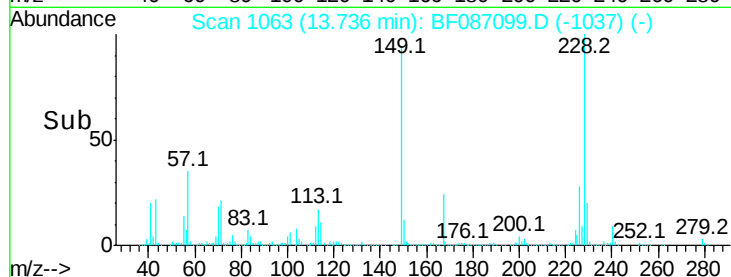
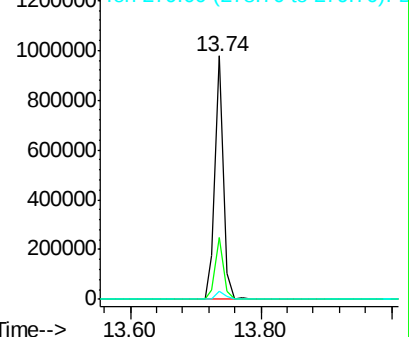
279 3.1 2.6 4.0

Manual Integrations
APPROVED

sohil
5/18/2016 6:56:23 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: 55.37 ng

RT: 14.34 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF087099.D

Acq: 17 May 2016 13:13

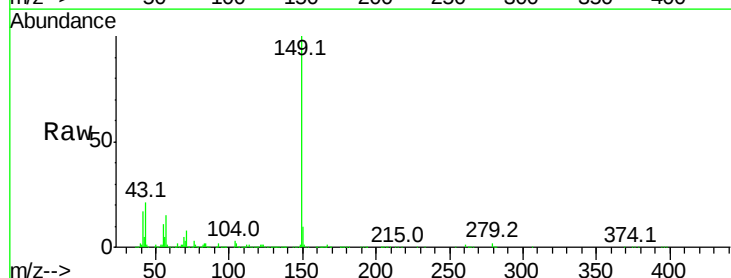
Tgt Ion:149 Resp: 1539214

Ion Ratio Lower Upper

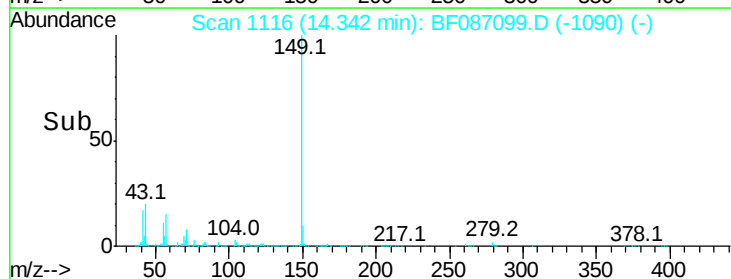
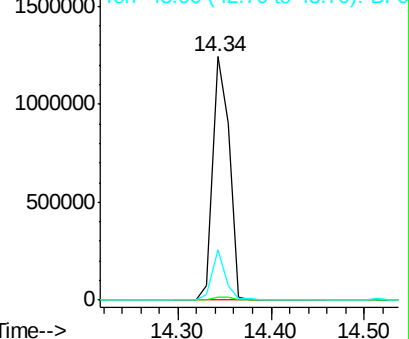
149 100

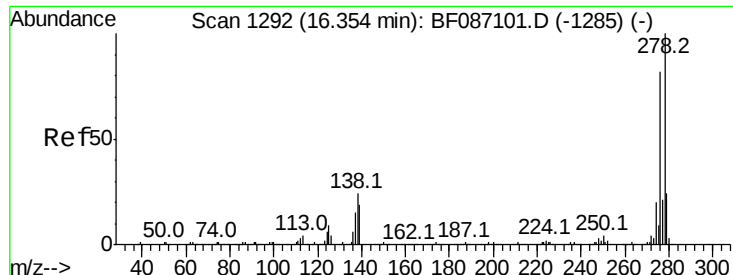
167 1.6 1.2 1.8

43 16.7 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





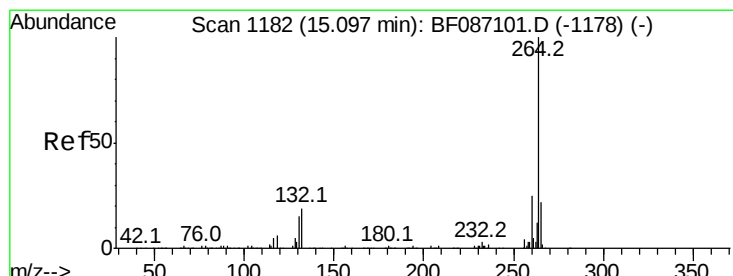
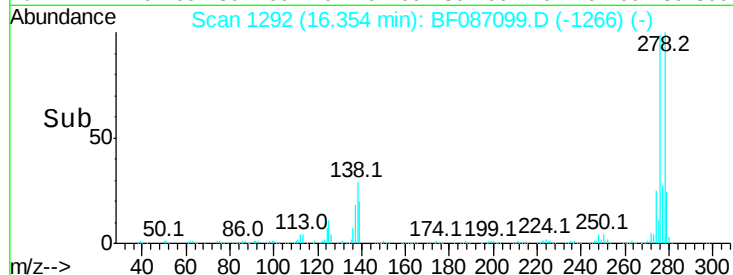
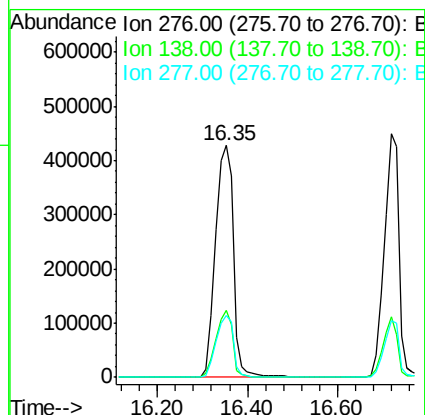
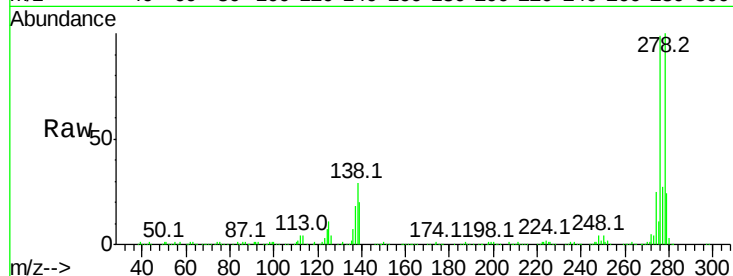
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.50 ng
RT: 16.35 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.6	38.4
277	26.0	20.5	30.7

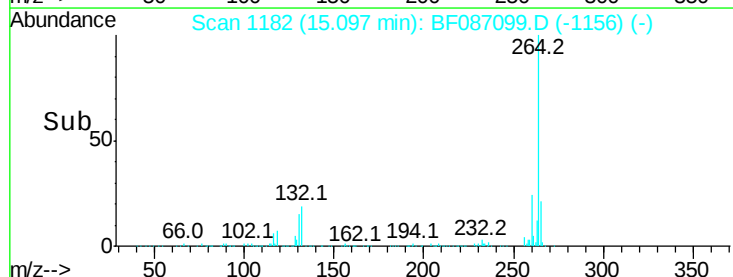
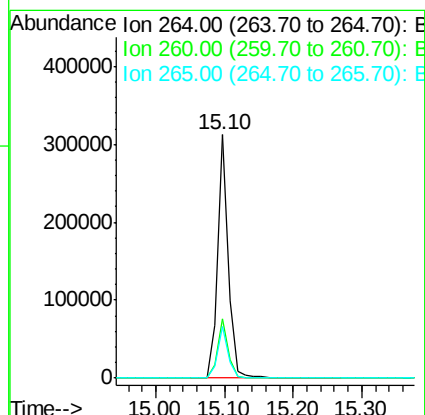
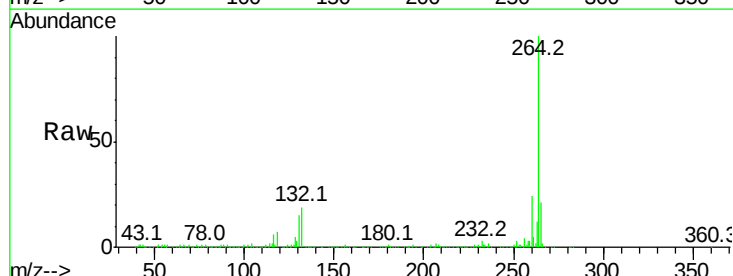
Manual Integrations
APPROVED

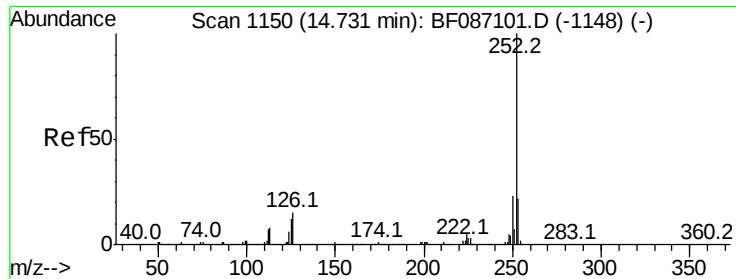
sohil
5/18/2016 6:56:23 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.3	25.9





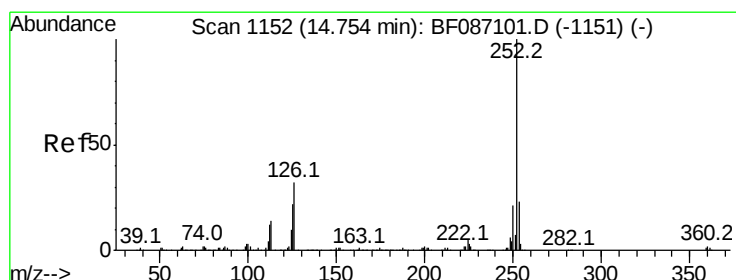
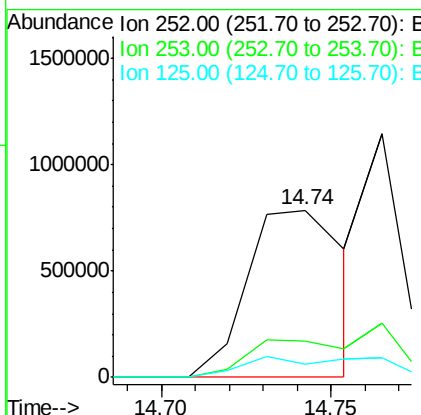
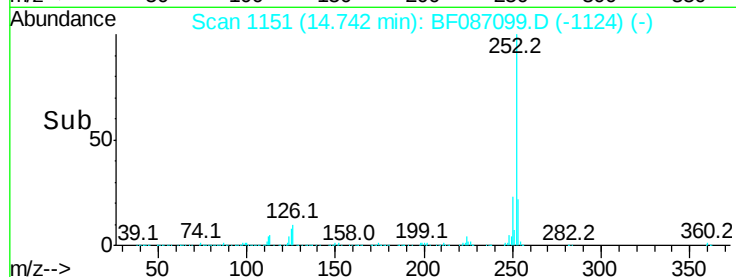
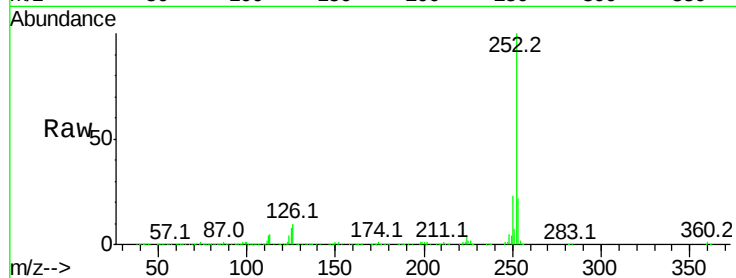
#87
Benzo(b)fluoranthene
Concen: 70.73 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	7.6	11.4	17.0

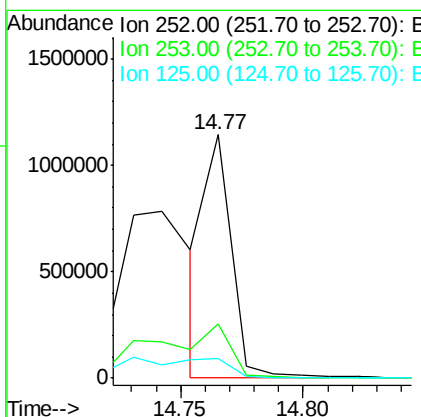
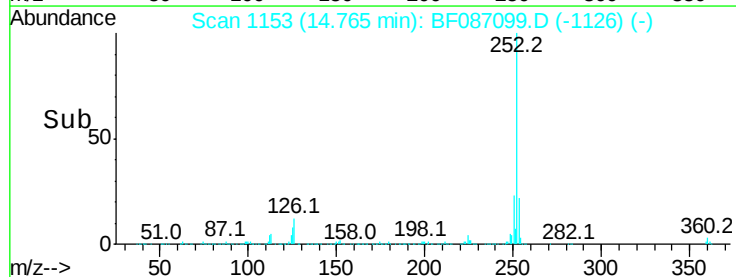
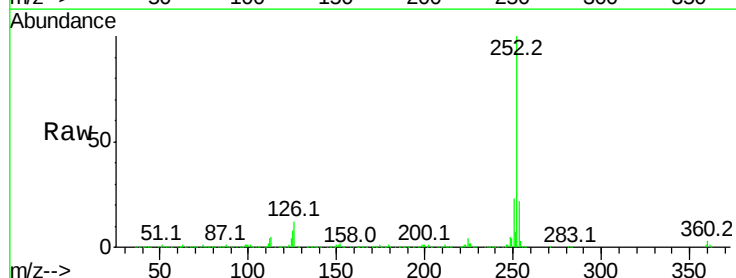
Manual Integrations
APPROVED

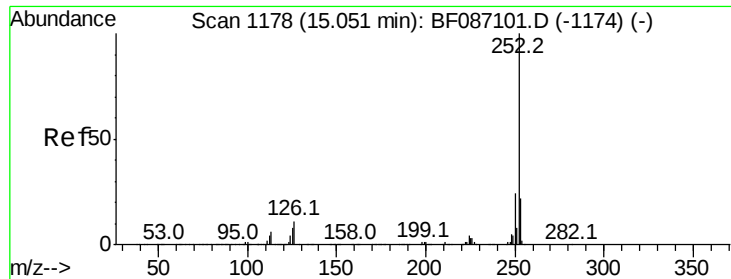
sohil
5/18/2016 6:56:23 PM



#88
Benzo(k)fluoranthene
Concen: 46.42 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.2	9.1	13.7





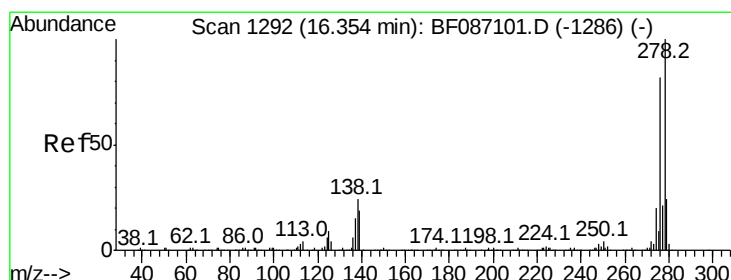
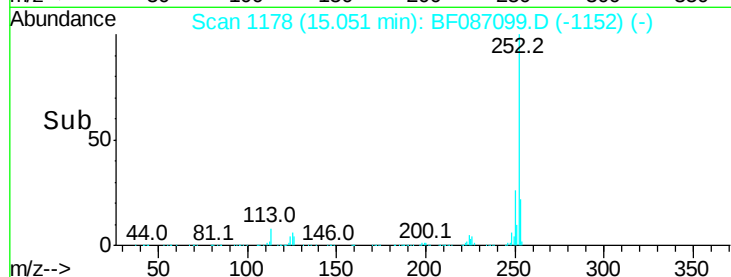
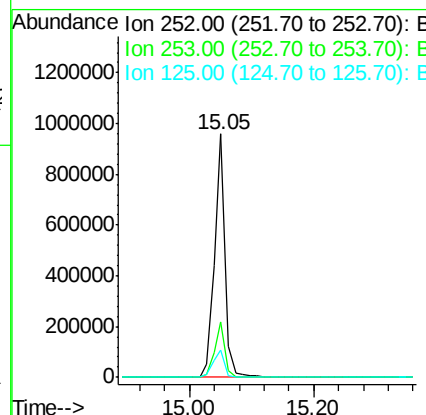
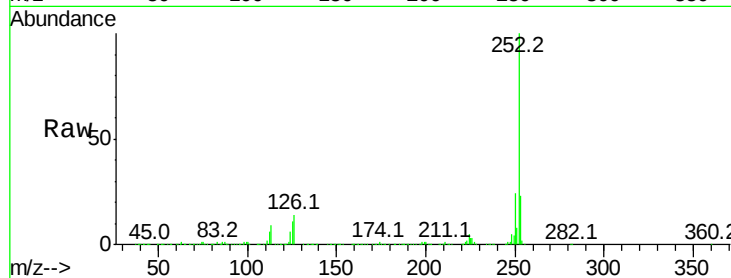
#89
Benzo(a)pyrene
Concen: 57.63 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:252 Resp: 1115257
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 11.2 9.0 13.6

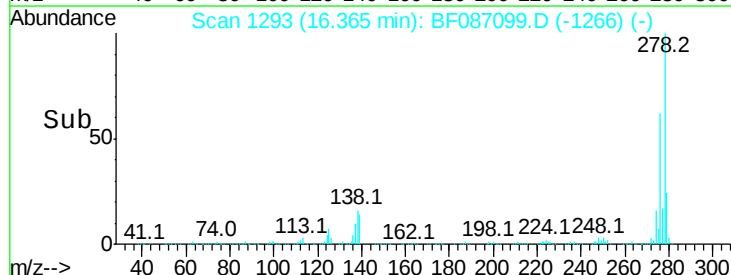
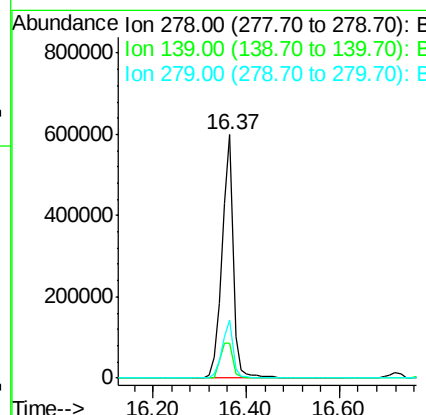
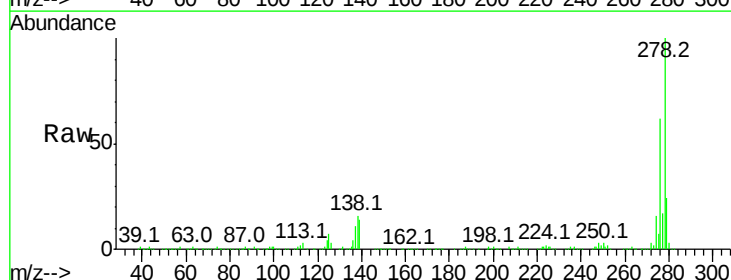
Manual Integrations
APPROVED

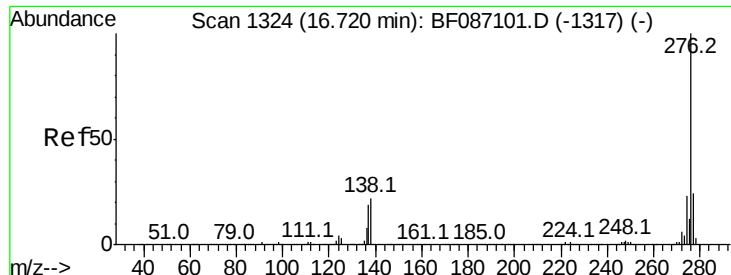
sohil
5/18/2016 6:56:23 PM



#90
Dibenzo(a,h)anthracene
Concen: 60.96 ng
RT: 16.37 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF087099.D
Acq: 17 May 2016 13:13

Tgt Ion:278 Resp: 994313
Ion Ratio Lower Upper
278 100
139 14.2 16.6 24.8#
279 23.6 19.6 29.4





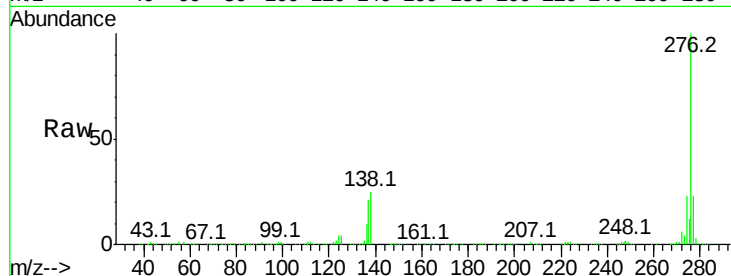
#91
 Benzo(a,h,i)perylene
 Concen: 61.91 ng
 RT: 16.72 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF087099.D
 Acq: 17 May 2016 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	24.8	23.6	35.4

Manual Integrations
 APPROVED

sohil
 5/18/2016 6:56:23 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

