

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085049.D
 Acq On : 12 Feb 2016 8:48
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 2/12/2016 12:31:55 PM

Quant Time: Feb 12 10:04:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	214592	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	869233	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	407345	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	726125	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	433391	20.00	ng	-0.01
86) Perylene-d12	15.12	264	436939	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1011203	73.40	ng	-0.01
7) Phenol-d6	6.27	99	1223968	71.66	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1215720	78.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	351615	82.75	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1797995	70.13	ng	-0.01
78) Terphenyl-d14	12.72	244	1786311	93.40	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	239327	39.66	ng	# 76
3) Pyridine	2.67	79	667084	42.43	ng	# 73
4) n-Nitrosodimethylamine	2.65	42	306065	37.64	ng	82
6) Aniline	6.27	93	829083	39.67	ng	97
8) 2-Chlorophenol	6.40	128	615717	39.48	ng	96
9) Benzaldehyde	6.16	77	369249	36.61	ng	90
10) Phenol	6.28	94	662945	34.65	ng	83
11) bis(2-Chloroethyl)ether	6.36	93	605024	40.55	ng	91
12) 1,3-Dichlorobenzene	6.55	146	605984	36.78	ng	# 94
13) 1,4-Dichlorobenzene	6.63	146	625886	38.00	ng	97
14) 1,2-Dichlorobenzene	6.79	146	579781	37.79	ng	95
15) Benzyl Alcohol	6.78	79	491576	41.68	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.90	45	916588	36.52	ng	69
17) 2-Methylphenol	6.90	107	476625	38.65	ng	# 86
18) Hexachloroethane	7.12	117	238332	37.57	ng	95
19) n-Nitroso-di-n-propylamine	7.05	70	394164	36.82	ng	# 77
20) 3+4-Methylphenols	7.05	107	578170	37.77	ng	# 83
22) Acetophenone	7.04	105	877046	38.28	ng	# 98
24) Nitrobenzene	7.21	77	657278	39.78	ng	97
25) Isophorone	7.45	82	1181113	39.36	ng	98
26) 2-Nitrophenol	7.53	139	328521	40.31	ng	# 86
27) 2,4-Dimethylphenol	7.58	122	482855	34.06	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	646203	36.30	ng	98
29) 2,4-Dichlorophenol	7.77	162	449736	37.08	ng	96
30) 1,2,4-Trichlorobenzene	7.85	180	545258	39.80	ng	# 95
31) Naphthalene	7.92	128	1571806	36.05	ng	99
32) Benzoic acid	7.72	122	203030	22.39	ng	99
33) 4-Chloroaniline	7.99	127	746231	41.38	ng	# 89
34) Hexachlorobutadiene	8.04	225	322674	40.85	ng	99
35) Caprolactam	8.39	113	160119	42.83	ng	# 78
36) 4-Chloro-3-methylphenol	8.48	107	489252	35.36	ng	94
37) 2-Methylnaphthalene	8.62	142	1136603	41.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	483771	37.39	ng	99
40) Hexachlorocyclopentadiene	8.76	237	165648	37.47	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085049.D
 Acq On : 12 Feb 2016 8:48
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

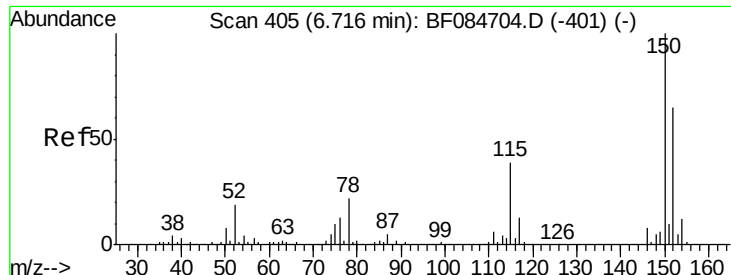
Manual Integrations
 APPROVED

Sohil
 2/12/2016 12:31:55 PM

Quant Time: Feb 12 10:04:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	325761	39.09	ng	97
43) 2,4,5-Trichlorophenol	8.95	196	327691	38.70	ng #	90
45) 1,1'-Biphenyl	9.08	154	1513438	41.60	ng	98
46) 2-Chloronaphthalene	9.11	162	1055852	39.41	ng #	88
47) 2-Nitroaniline	9.21	65	378068	44.56	ng	89
48) Acenaphthylene	9.51	152	1513761	37.23	ng	97
49) Dimethylphthalate	9.39	163	1162560	37.47	ng #	90
50) 2,6-Dinitrotoluene	9.46	165	283026	41.76	ng #	87
51) Acenaphthene	9.69	154	1033640	39.07	ng	96
52) 3-Nitroaniline	9.62	138	257324	33.79	ng	93
53) 2,4-Dinitrophenol	9.74	184	32698	15.50	ng	94
54) Dibenzofuran	9.86	168	1247344	38.58	ng	98
55) 4-Nitrophenol	9.80	139	173461	30.99	ng	88
56) 2,4-Dinitrotoluene	9.86	165	355880	41.17	ng	93
57) Fluorene	10.20	166	1027686	38.07	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	252819	39.22	ng #	84
59) Diethylphthalate	10.09	149	1088671	35.94	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	436089	37.18	ng	92
61) 4-Nitroaniline	10.24	138	271580	36.59	ng	92
62) Azobenzene	10.35	77	1139424	39.11	ng	91
64) 4,6-Dinitro-2-methylphenol	10.27	198	105203	23.47	ng	78
65) n-Nitrosodiphenylamine	10.32	169	878966	38.12	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	342277	42.68	ng	97
67) Hexachlorobenzene	10.74	284	321215	36.76	ng #	88
68) Atrazine	10.86	200	316123	43.42	ng	98
69) Pentachlorophenol	10.95	266	118284	28.80	ng	99
70) Phenanthrene	11.15	178	1485312	36.88	ng	97
71) Anthracene	11.21	178	1599518	39.41	ng	100
72) Carbazole	11.37	167	1438459	40.65	ng	98
73) Di-n-butylphthalate	11.70	149	1632240	36.23	ng #	96
74) Fluoranthene	12.33	202	1368130	33.56	ng	99
76) Benzidine	12.47	184	678277	45.34	ng	99
77) Pyrene	12.56	202	1343218	40.48	ng	99
79) Butylbenzylphthalate	13.20	149	649837	43.17	ng #	78
80) Benzo(a)anthracene	13.75	228	1049518	39.02	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	364616	38.28	ng #	96
82) Chrysene	13.78	228	958294m	36.74	ng	
83) Bis(2-ethylhexyl)phthalate	13.76	149	829377	44.28	ng #	96
84) Di-n-octyl phthalate	14.37	149	1215215	39.32	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.37	276	1147808	55.91	ng	98
87) Benzo(b)fluoranthene	14.75	252	1202553m	40.96	ng	
88) Benzo(k)fluoranthene	14.78	252	732635m	30.18	ng	
89) Benzo(a)pyrene	15.06	252	937381	37.47	ng	97
90) Dibenzo(a,h)anthracene	16.38	278	934819	44.39	ng	98
91) Benzo(g,h,i)perylene	16.74	276	951946	44.88	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

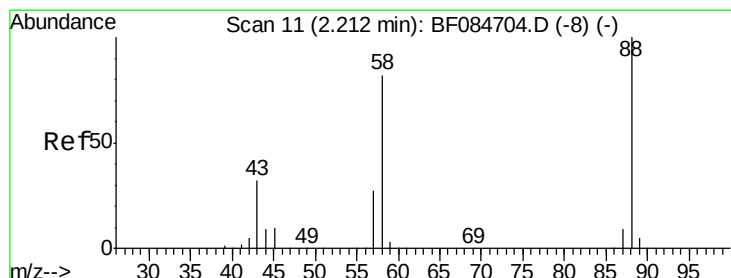
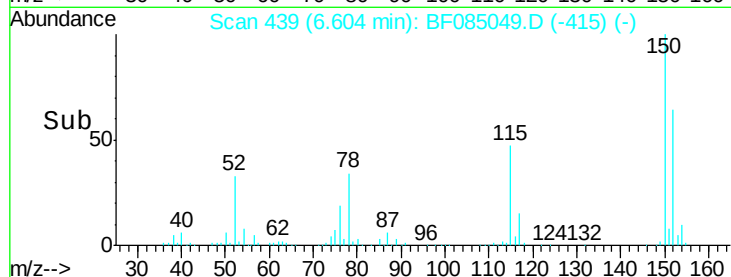
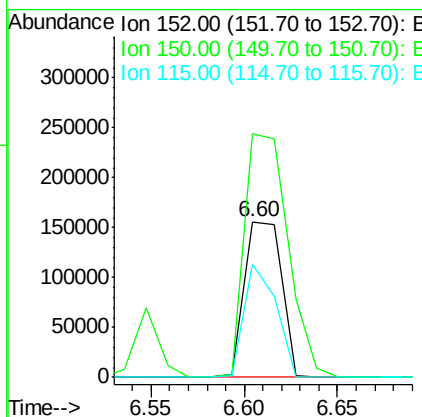
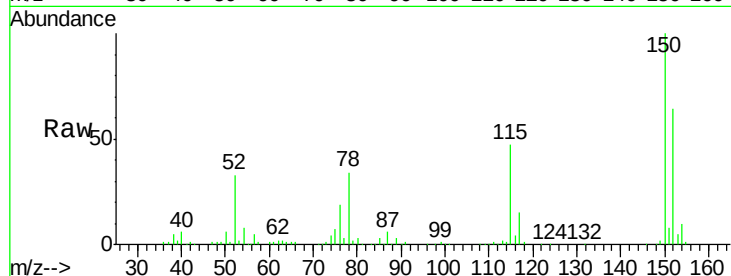
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	152	Resp:	214592
Ion Ratio	Lower	Upper	
152	100		
150	156.4	123.0	184.4
115	72.8	51.4	77.2

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



#2

1,4-Dioxane

Concen: 39.66 ng

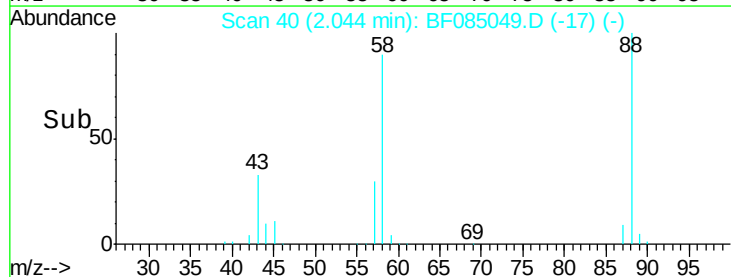
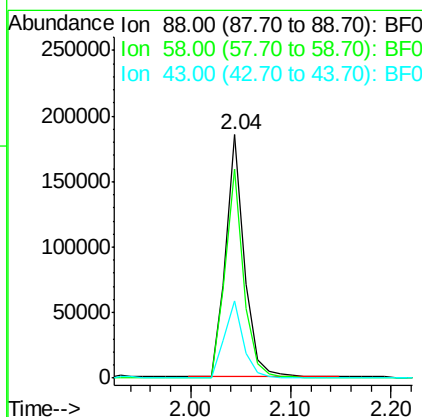
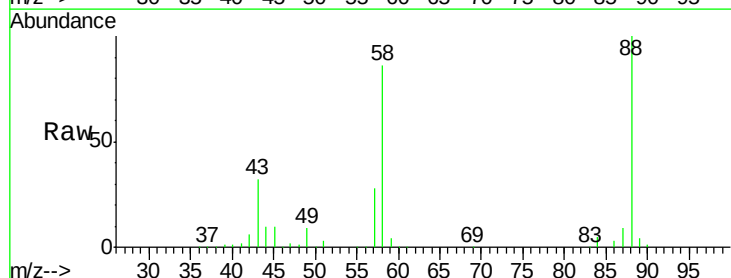
RT: 2.04 min Scan# 40

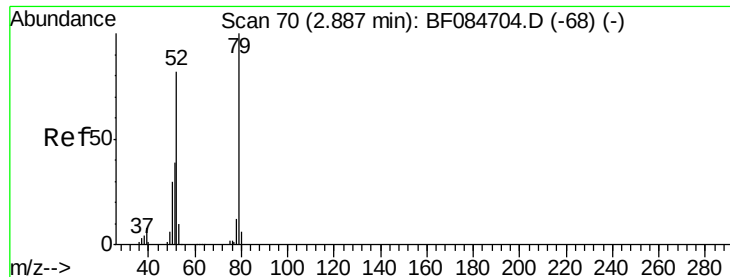
Delta R.T. -0.03 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Tgt Ion:	88	Resp:	239327
Ion Ratio	Lower	Upper	
88	100		
58	85.1	51.2	76.8#
43	32.3	19.5	29.3#





#3

Pyridine

Concen: 42.43 ng

RT: 2.67 min Scan# 95

Delta R.T. -0.05 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

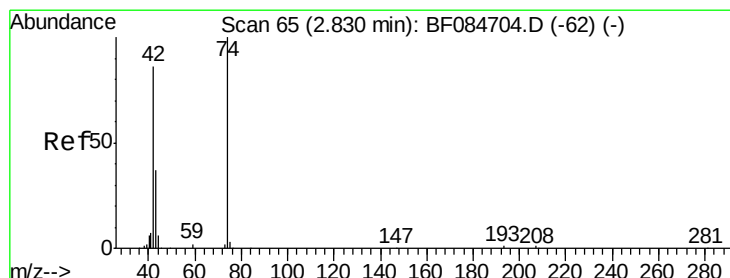
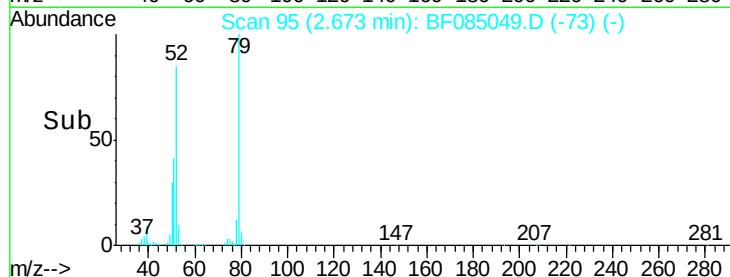
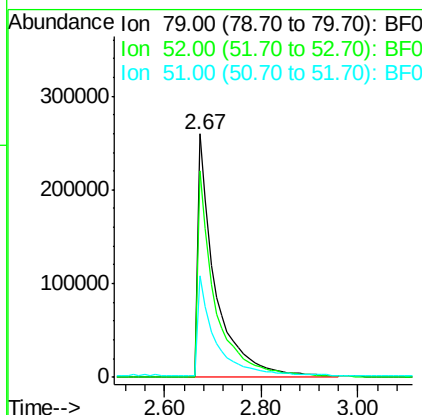
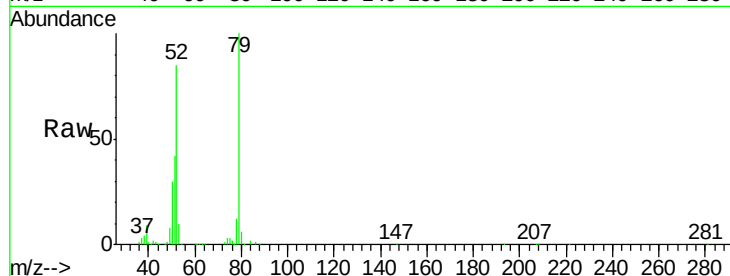
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	667084
Ion Ratio		Lower	Upper
79	100		
52	84.9	49.0	73.4#
51	41.8	25.2	37.8#

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



#4

n-Nitrosodimethylamine

Concen: 37.64 ng

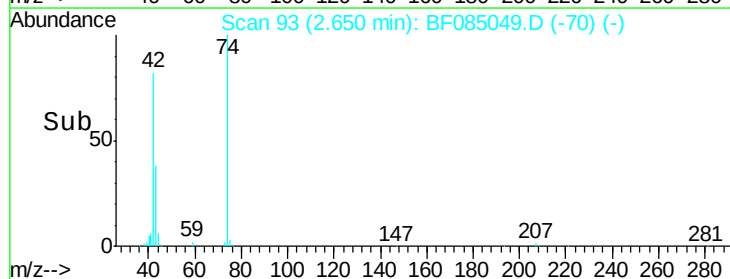
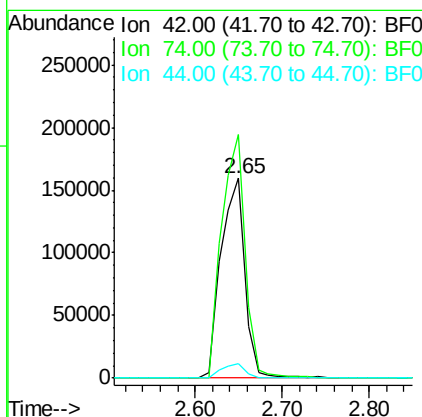
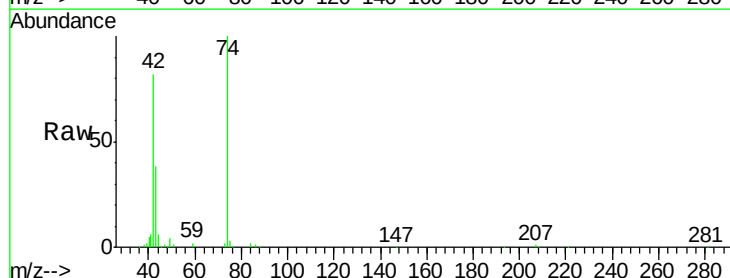
RT: 2.65 min Scan# 93

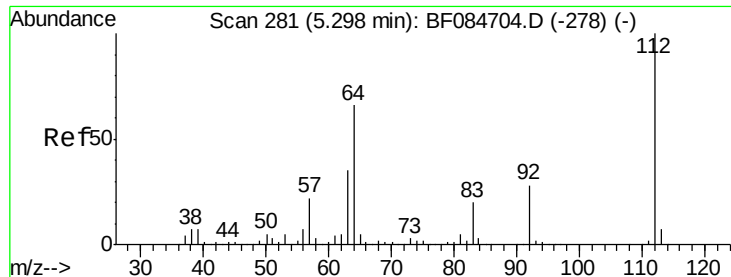
Delta R.T. -0.03 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Tgt Ion:	42	Resp:	306065
Ion Ratio		Lower	Upper
42	100		
74	121.8	115.7	173.5
44	7.3	5.1	7.7





#5

2-Fluorophenol

Concen: 73.40 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 112 Resp: 1011203
Ion Ratio Lower Upper

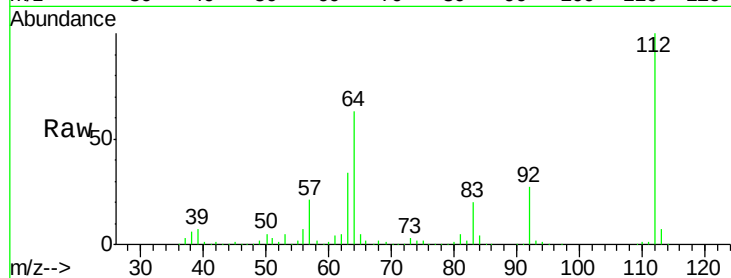
112 100

64 63.4 36.6 55.0#

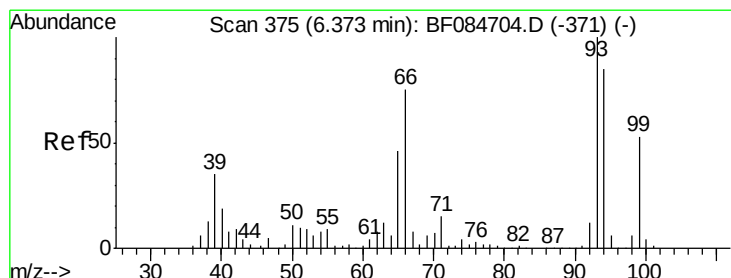
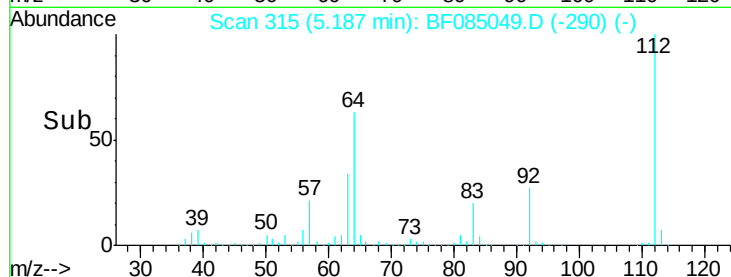
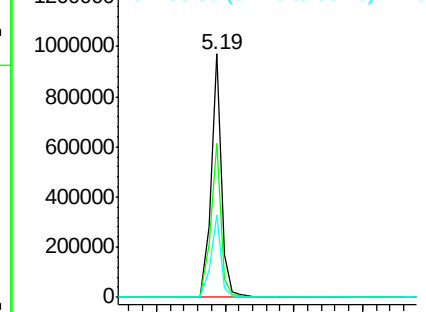
63 33.6 19.4 29.0#

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.67 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085049.D

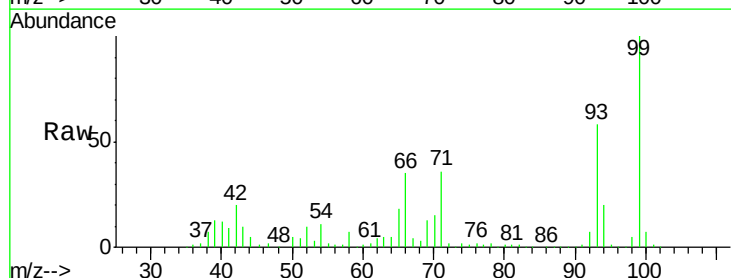
Acq: 12 Feb 2016 8:48

Tgt Ion: 93 Resp: 829083
Ion Ratio Lower Upper

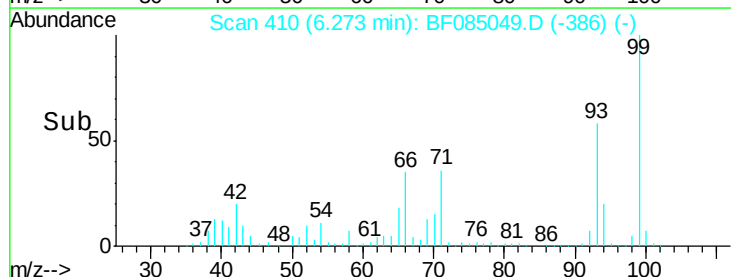
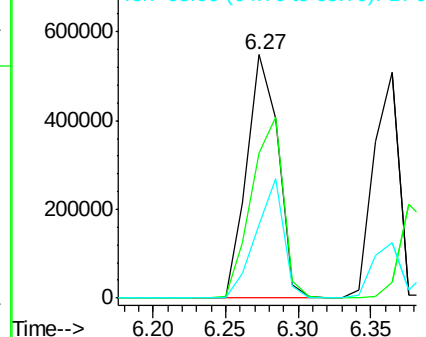
93 100

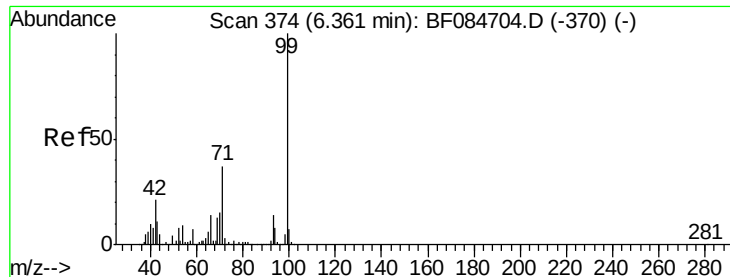
66 59.3 44.9 67.3

65 30.2 23.7 35.5



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: 71.66 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1223968

Ion Ratio Lower Upper

99 100

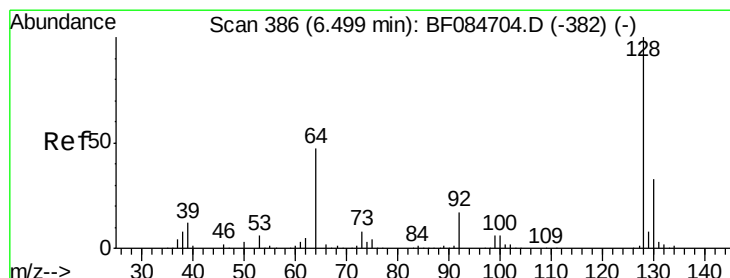
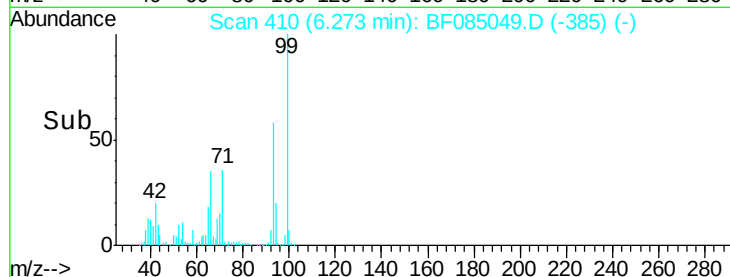
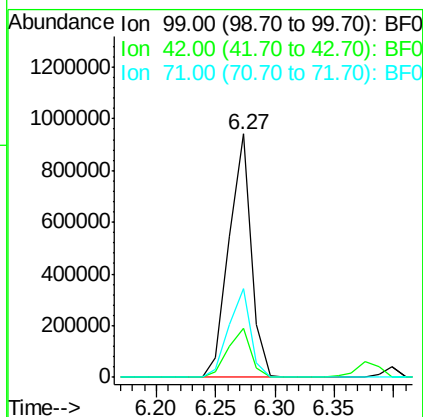
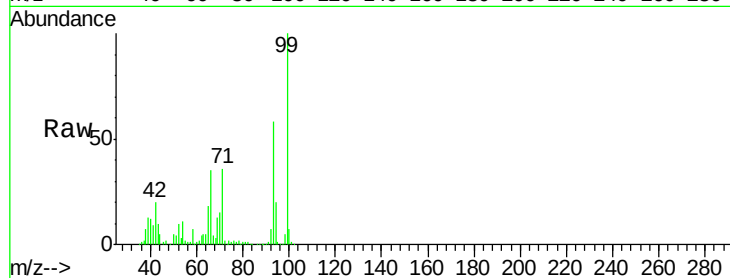
42 20.2 12.8 19.2#

71 36.5 30.9 46.3

Manual Integrations
APPROVED

Sohil

2/12/2016 12:31:55 PM



#8

2-Chlorophenol

Concen: 39.48 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

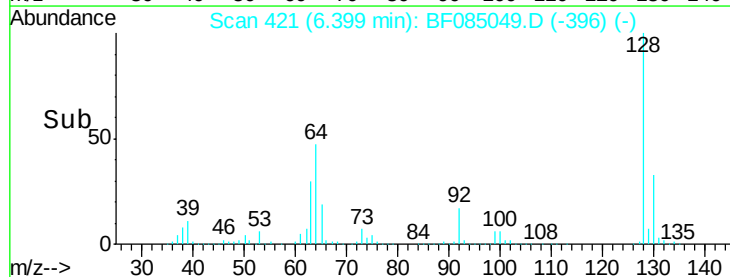
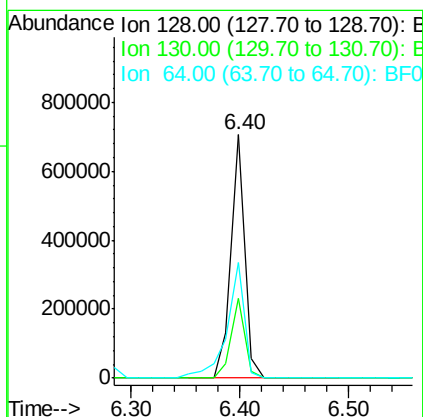
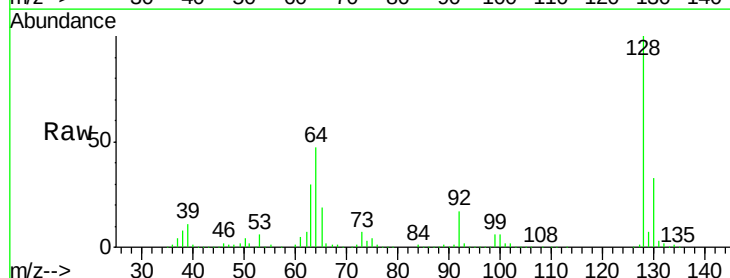
Tgt Ion: 128 Resp: 615717

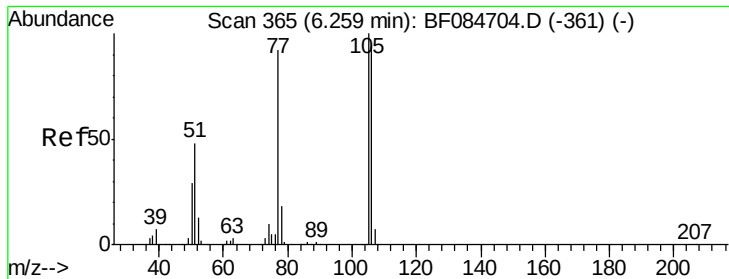
Ion Ratio Lower Upper

128 100

130 32.8 11.6 51.6

64 47.5 23.8 63.8





#9

Benzaldehyde

Concen: 36.61 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

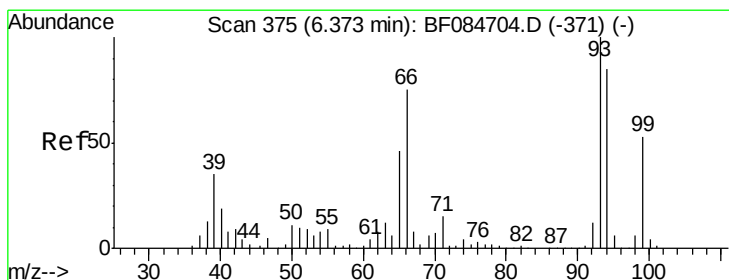
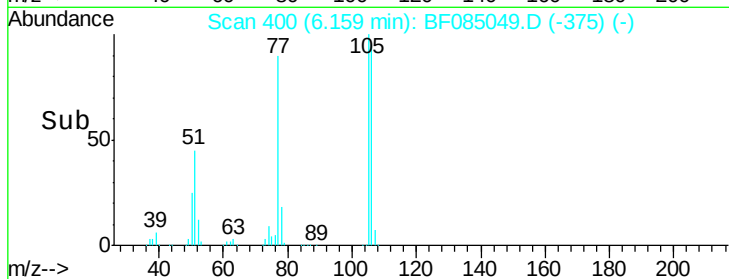
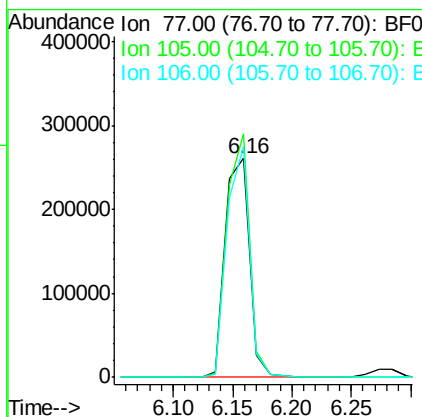
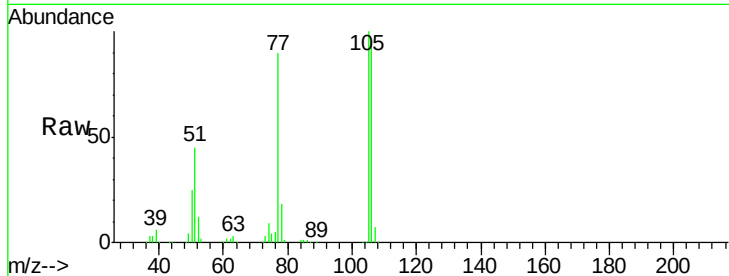
ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM

Tgt Ion:	77	Resp:	369249
Ion	Ratio	Lower	Upper
77	100		
105	111.2	83.0	123.0
106	105.4	74.6	114.6



#10

Phenol

Concen: 34.65 ng

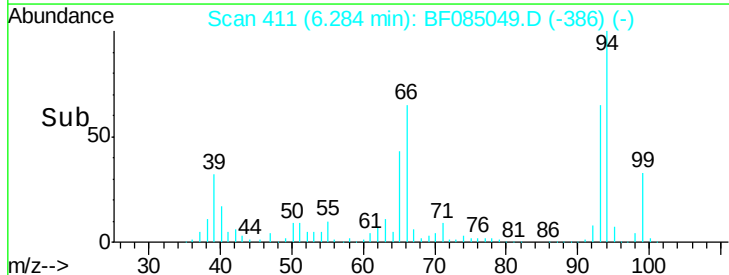
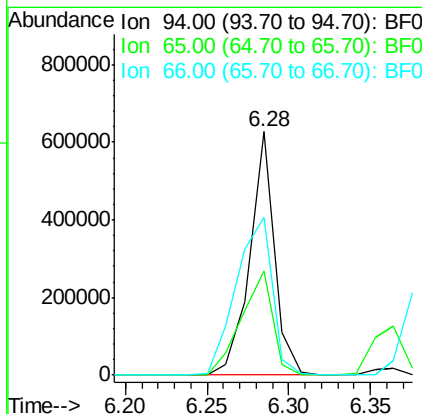
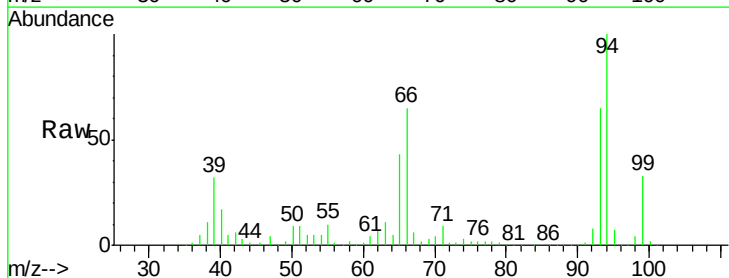
RT: 6.28 min Scan# 411

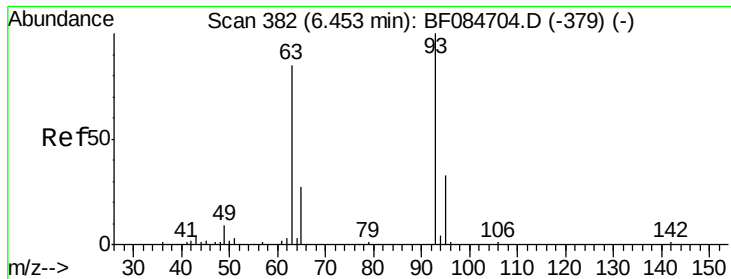
Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Tgt Ion:	94	Resp:	662945
Ion	Ratio	Lower	Upper
94	100		
65	42.9	12.9	52.9
66	64.9	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 40.55 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

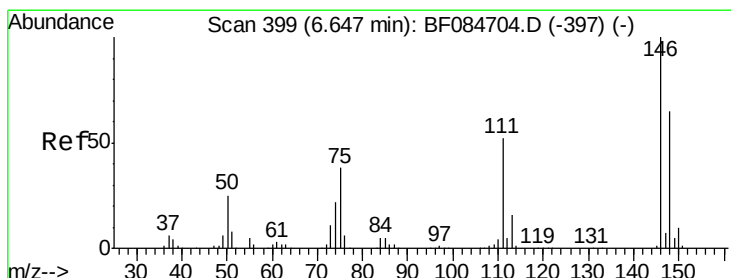
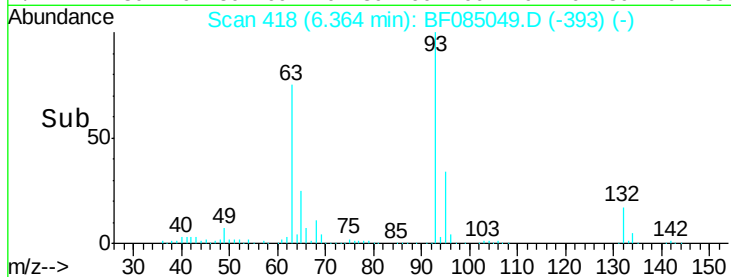
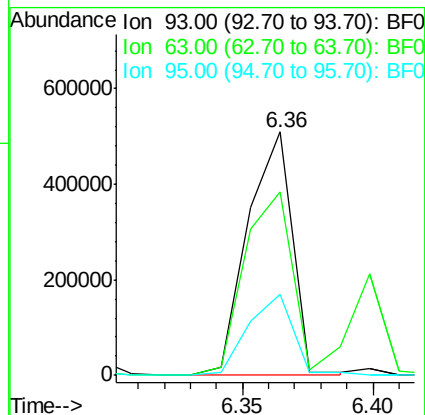
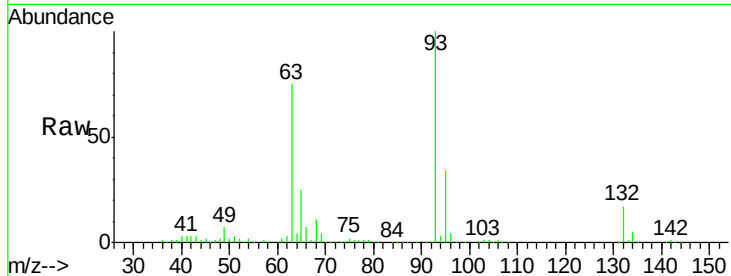
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	93	Resp:	605024
Ion Ratio	Lower	Upper	
93	100		
63	75.4	45.9	85.9
95	33.5	12.3	52.3

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



#12

1,3-Dichlorobenzene

Concen: 36.78 ng

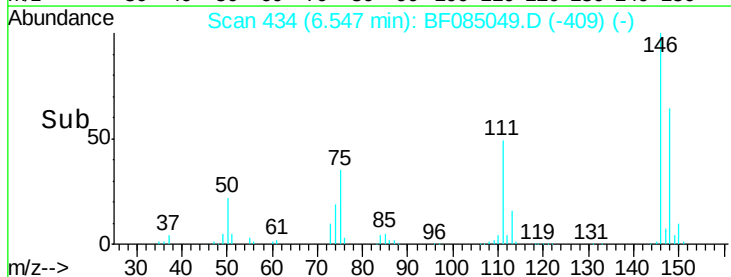
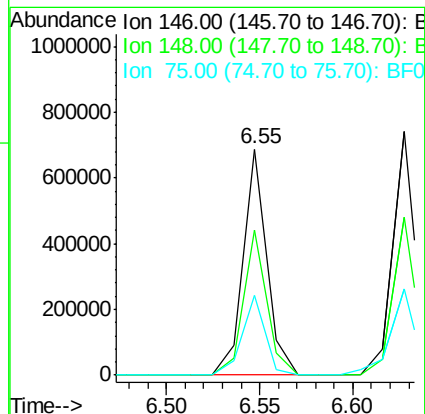
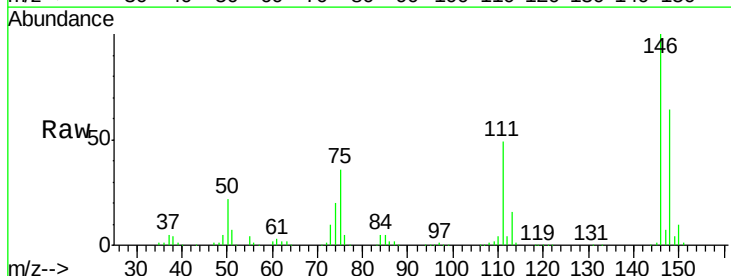
RT: 6.55 min Scan# 434

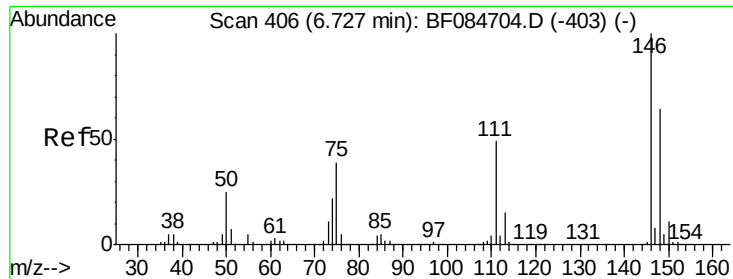
Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Tgt Ion:	146	Resp:	605984
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.9	77.9
75	35.5	20.5	30.7#





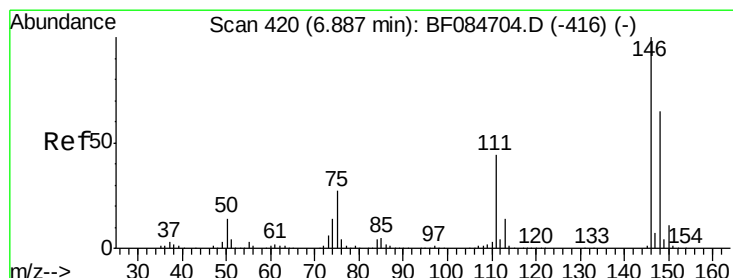
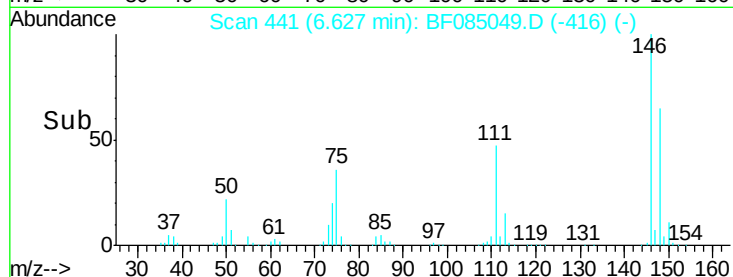
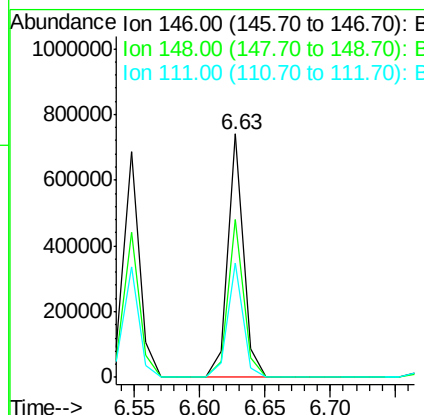
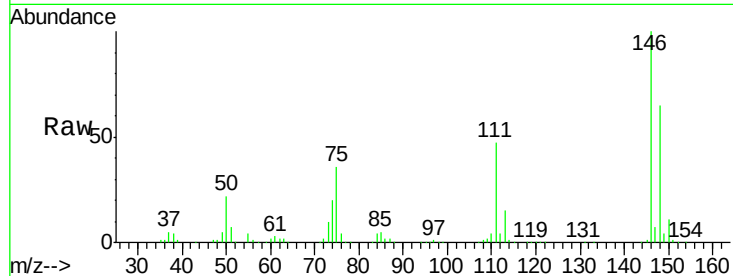
#13
 1,4-Dichlorobenzene
 Concen: 38.00 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	625886		
148	65.1	51.9	77.9	
111	47.0	41.6	62.4	

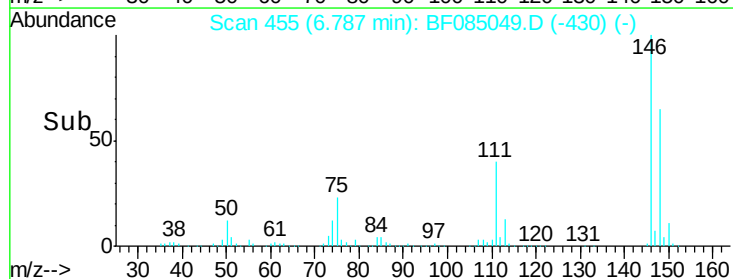
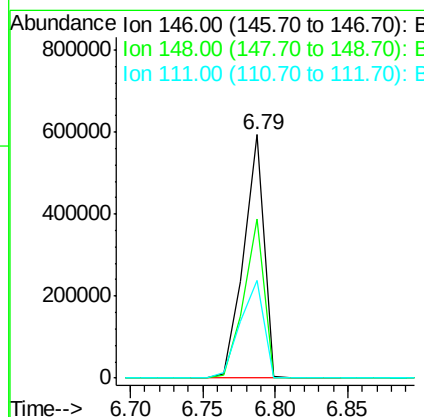
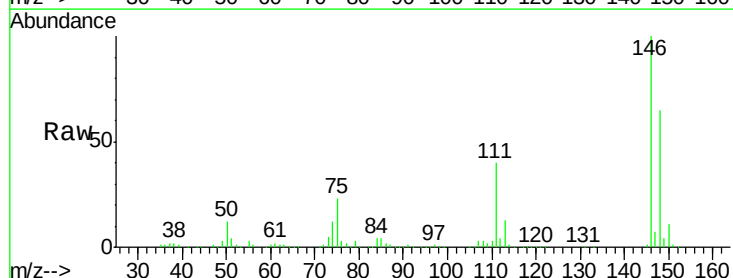
Manual Integrations
 APPROVED

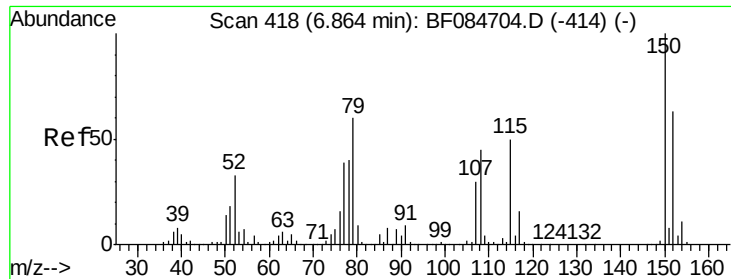
Sohil
 2/12/2016 12:31:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.79 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	579781		
148	65.1	51.6	77.4	
111	40.3	38.0	57.0	





#15

Benzyl Alcohol

Concen: 41.68 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 491576
Ion Ratio Lower Upper

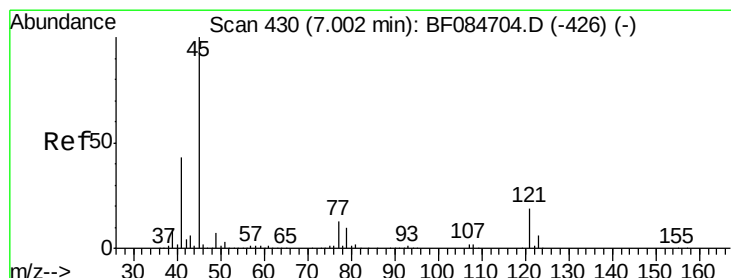
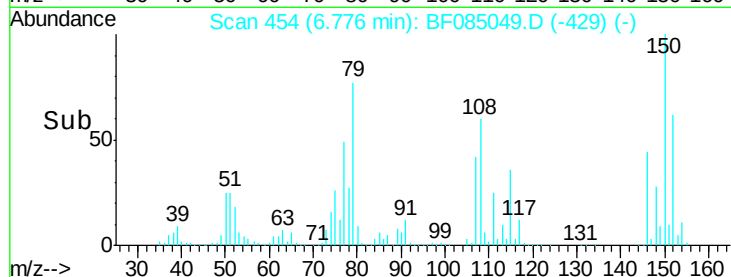
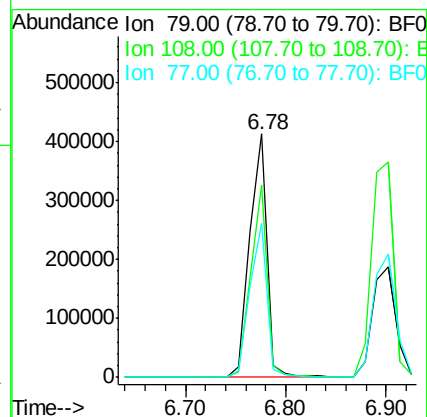
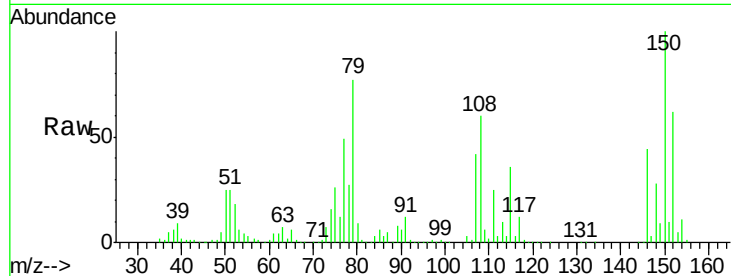
79 100

108 78.8 69.0 103.4

77 63.5 50.0 75.0

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.52 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF085049.D

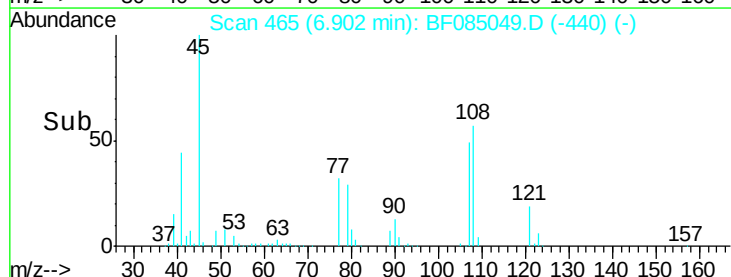
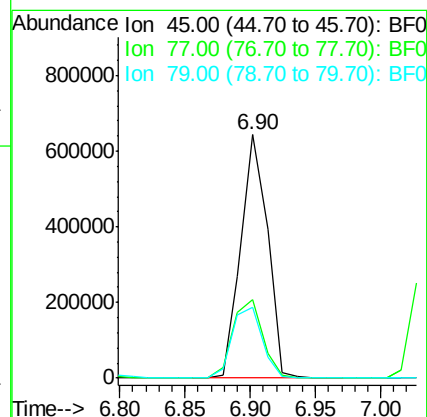
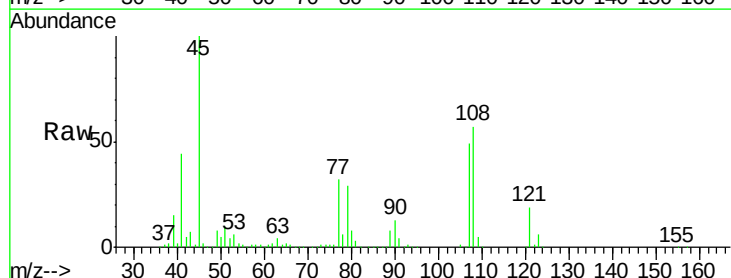
Acq: 12 Feb 2016 8:48

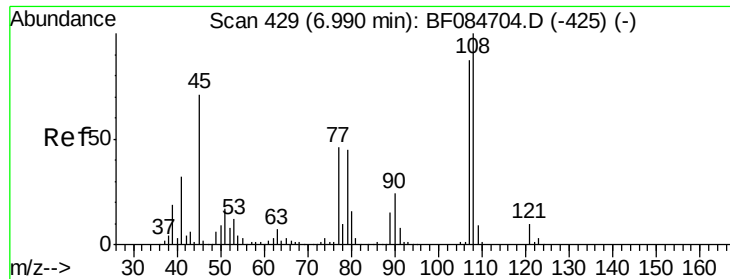
Tgt Ion: 45 Resp: 916588
Ion Ratio Lower Upper

45 100

77 32.4 0.0 39.6

79 29.2 0.0 35.0





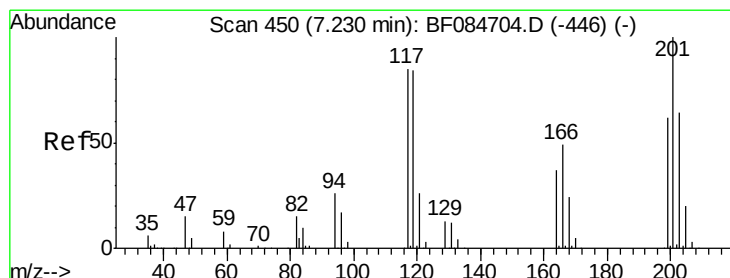
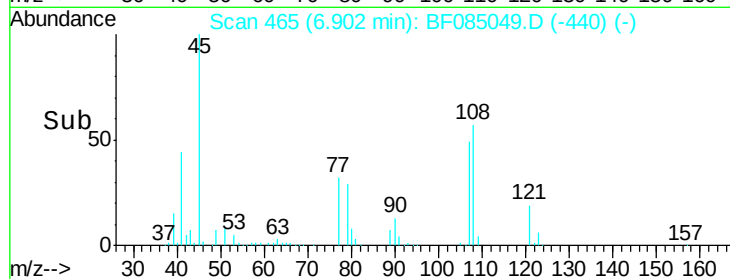
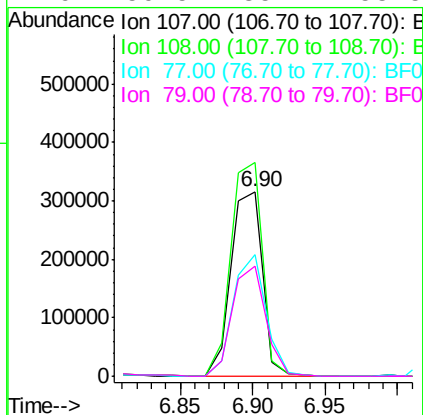
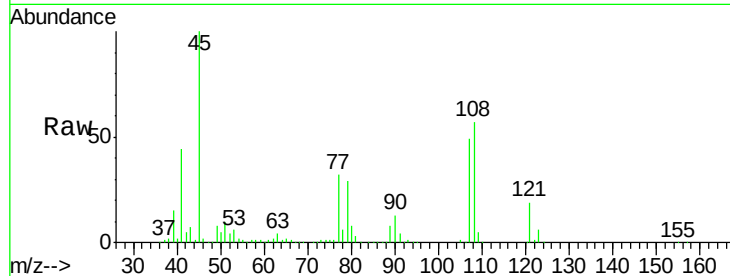
#17
2-Methylphenol
Concen: 38.65 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	476625		
108	115.6	89.8	134.6	
77	66.0	35.7	53.5#	
79	59.5	35.7	53.5#	

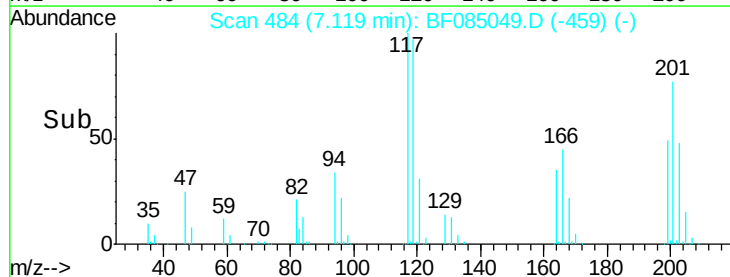
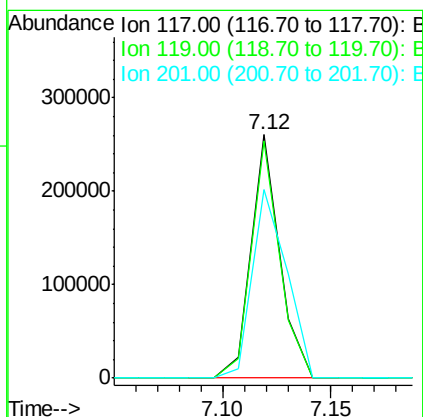
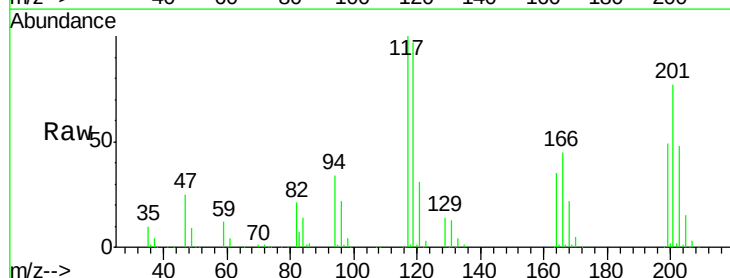
Manual Integrations
APPROVED

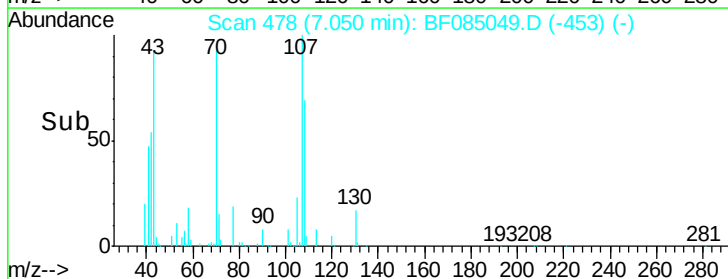
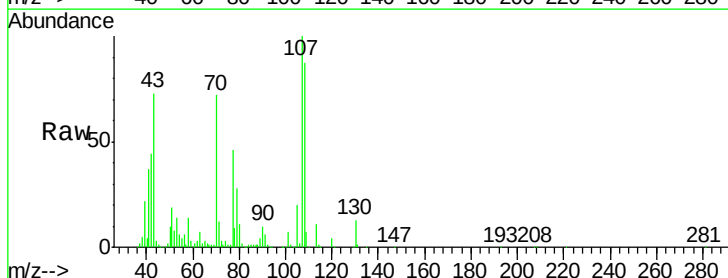
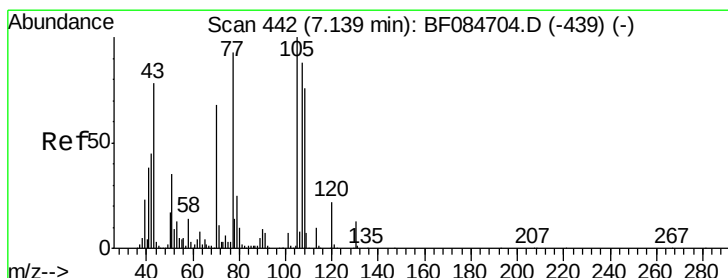
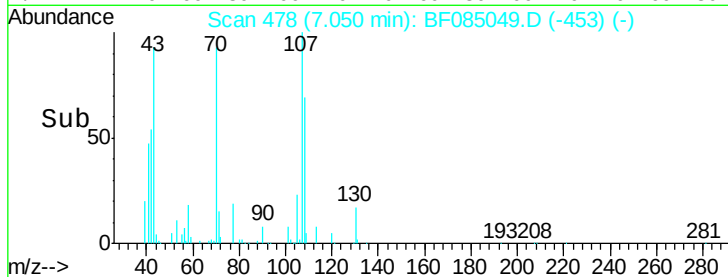
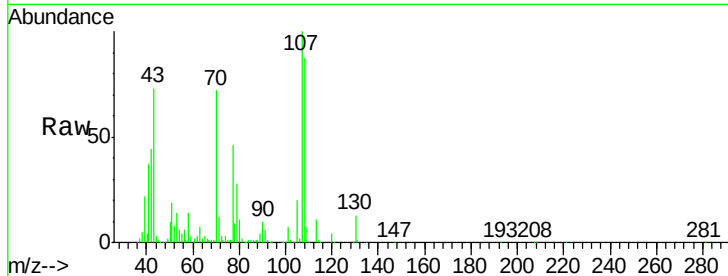
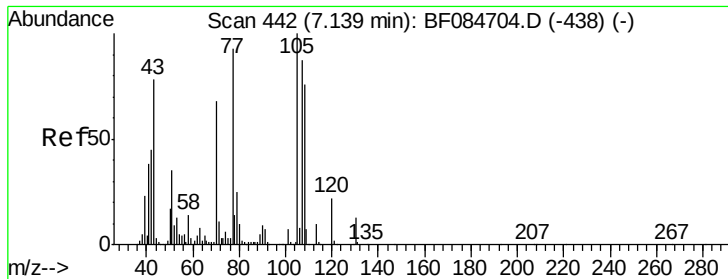
Sohil
2/12/2016 12:31:55 PM



#18
Hexachloroethane
Concen: 37.57 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	238332		
119	97.3	77.4	116.0	
201	77.5	68.6	103.0	





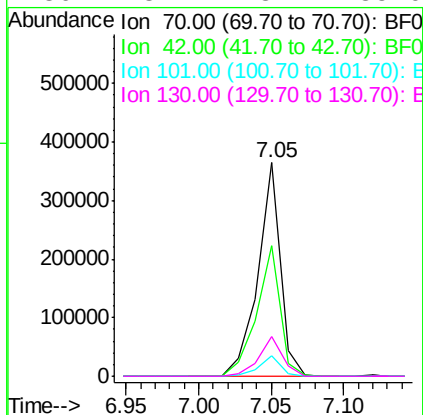
#19
n-Nitroso-di-n-propylamine
Concen: 36.82 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	61.3	33.3	49.9#
101	9.7	9.3	13.9
130	18.7	23.4	35.0#

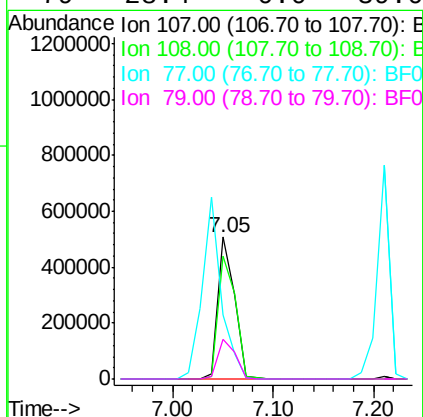
Manual Integrations
APPROVED

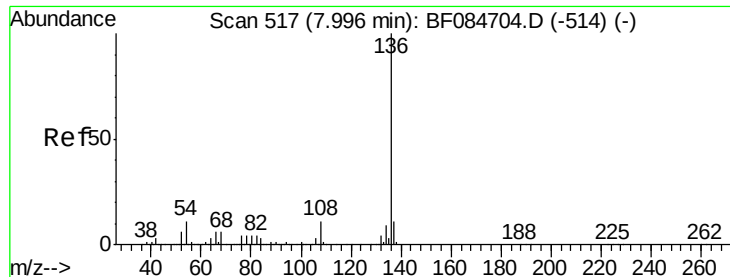
Sohil
2/12/2016 12:31:55 PM



#20
3+4-Methylphenols
Concen: 37.77 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	86.8	74.6	114.6
77	45.6	0.7	40.7#
79	28.4	0.0	39.0





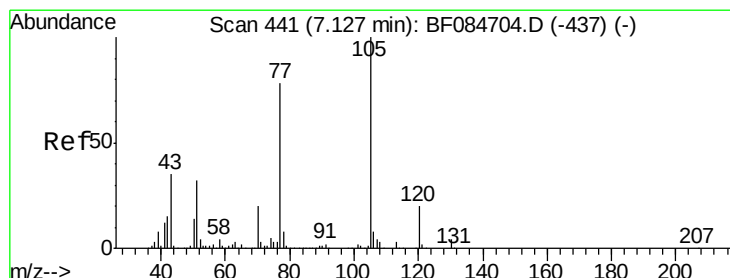
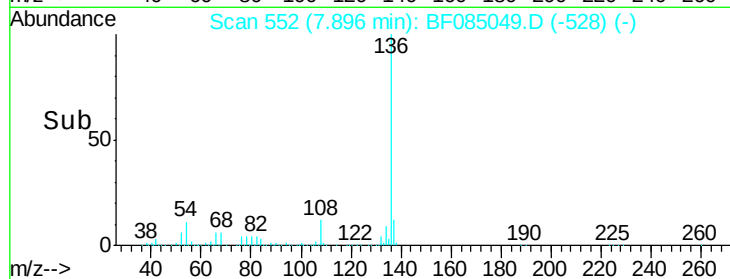
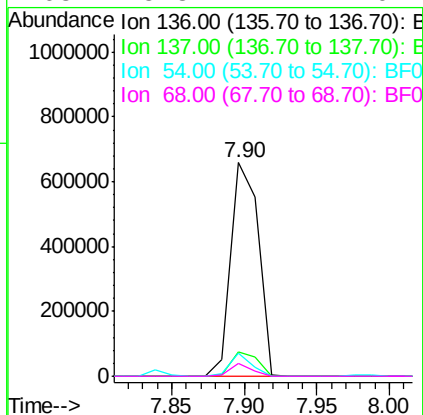
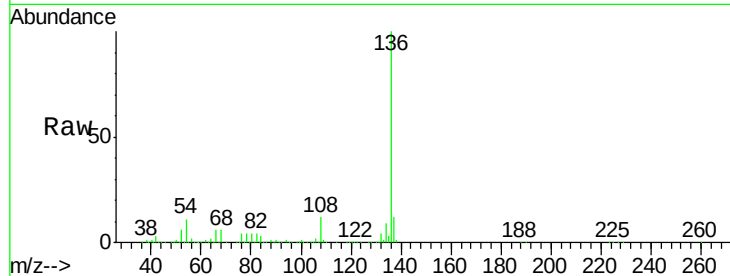
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.6	8.7	13.1
54	10.6	5.8	8.8#
68	5.8	4.2	6.2

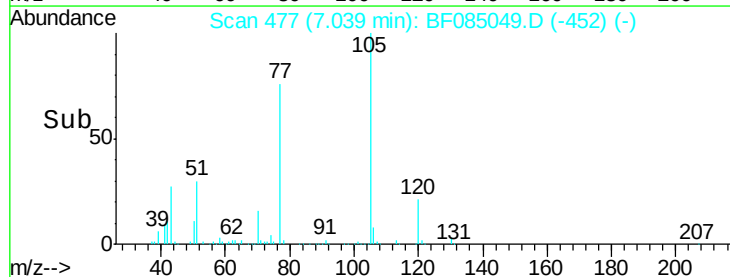
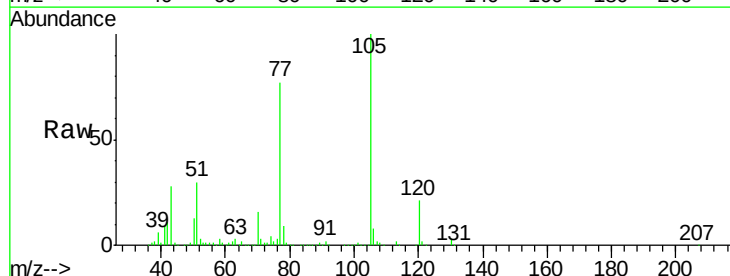
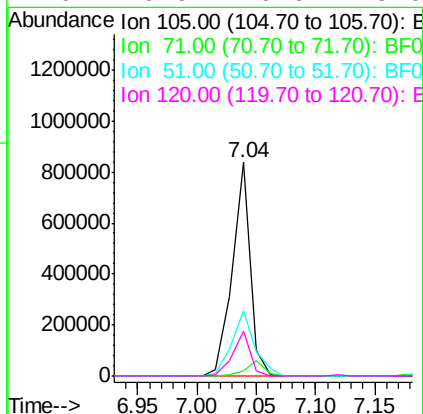
Manual Integrations
APPROVED

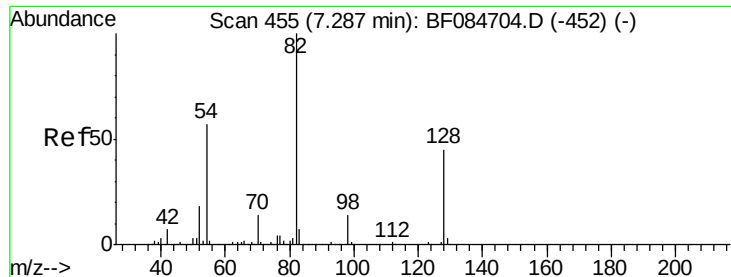
Sohil
2/12/2016 12:31:55 PM



#22
Acetophenone
Concen: 38.28 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	2.5	3.7	5.5#
51	30.4	25.1	37.7
120	20.9	16.6	25.0





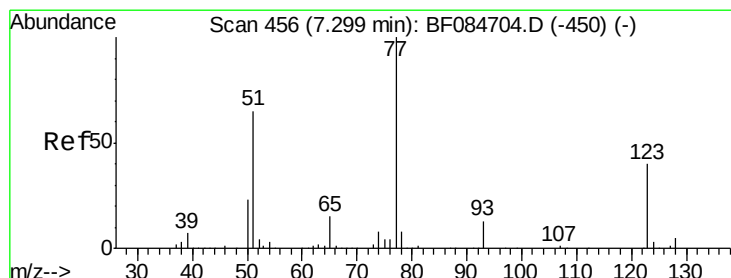
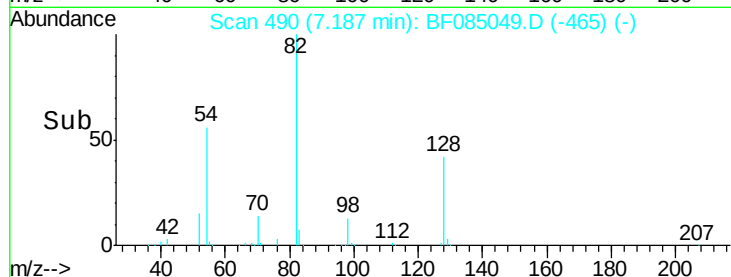
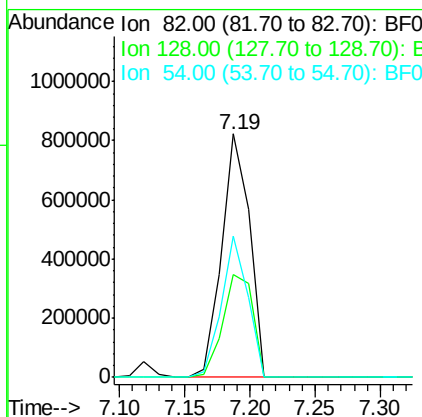
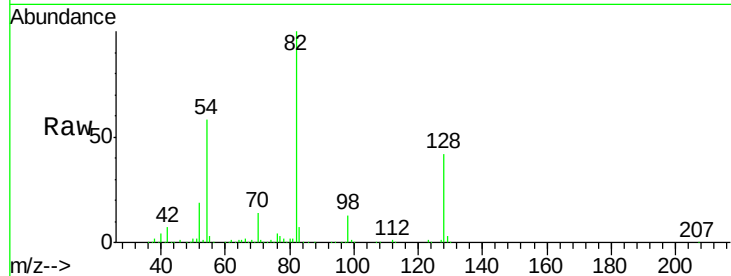
#23
 Nitrobenzene-d5
 Concen: 78.79 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 1215720
 Ion Ratio Lower Upper
 82 100
 128 42.4 34.6 51.8
 54 57.8 38.4 57.6#

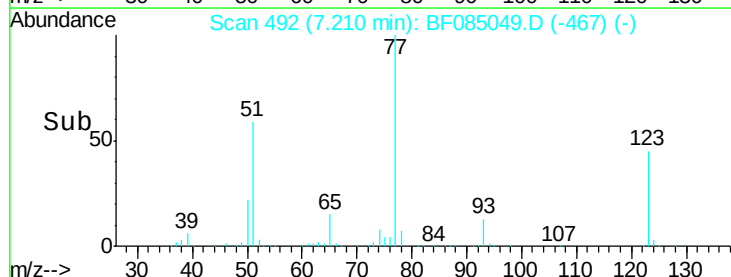
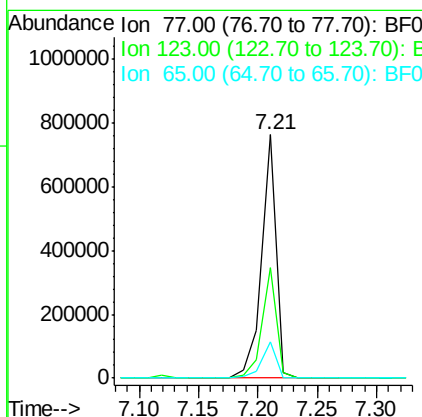
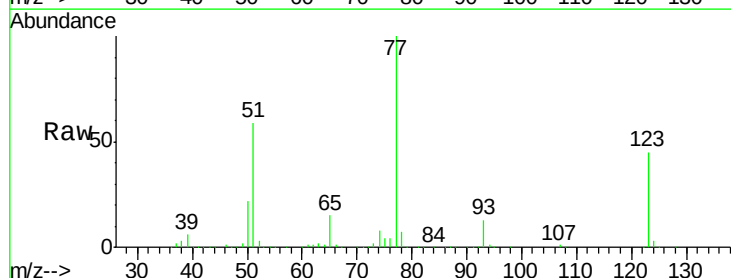
Manual Integrations
 APPROVED

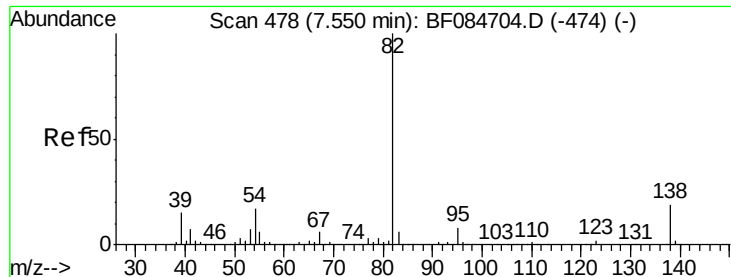
Sohil
 2/12/2016 12:31:55 PM



#24
 Nitrobenzene
 Concen: 39.78 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Tgt Ion: 77 Resp: 657278
 Ion Ratio Lower Upper
 77 100
 123 45.1 37.4 56.2
 65 14.9 10.9 16.3





#25

Isophorone

Concen: 39.36 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1181113

Ion Ratio Lower Upper

82 100

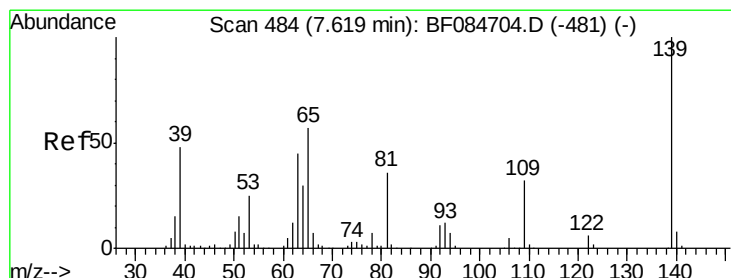
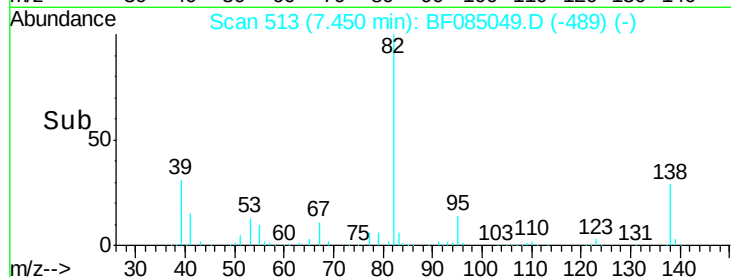
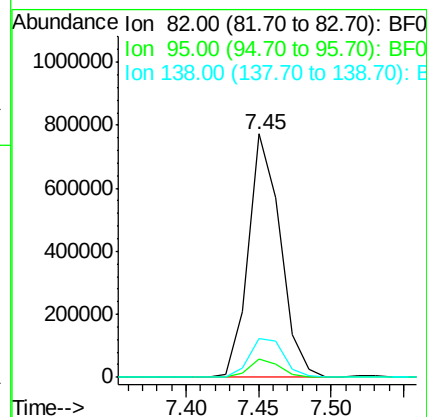
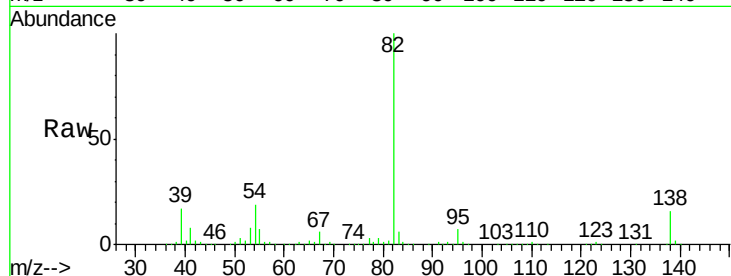
95 7.5 6.6 10.0

138 16.0 13.6 20.4

Manual Integrations
APPROVED

Sohil

2/12/2016 12:31:55 PM



#26

2-Nitrophenol

Concen: 40.31 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

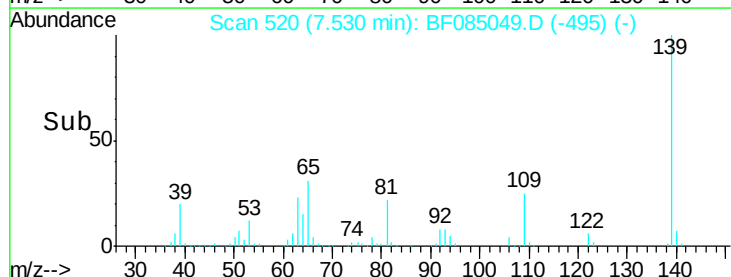
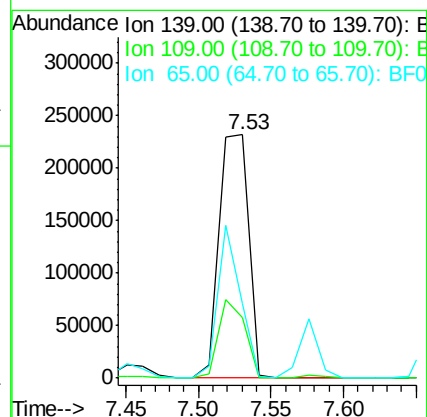
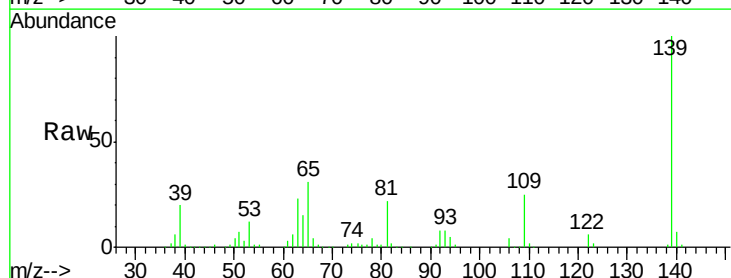
Tgt Ion: 139 Resp: 328521

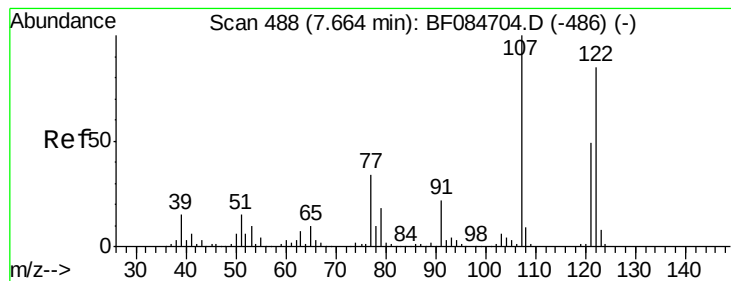
Ion Ratio Lower Upper

139 100

109 24.8 25.4 38.2#

65 30.7 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 34.06 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

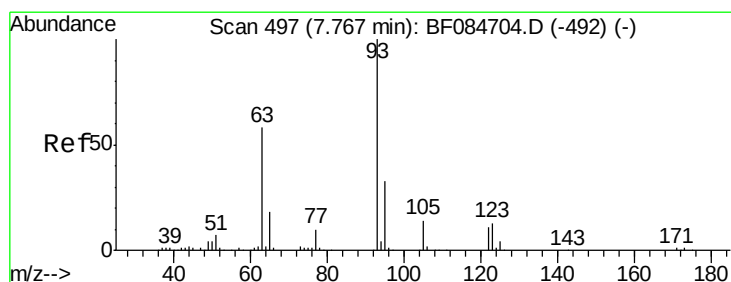
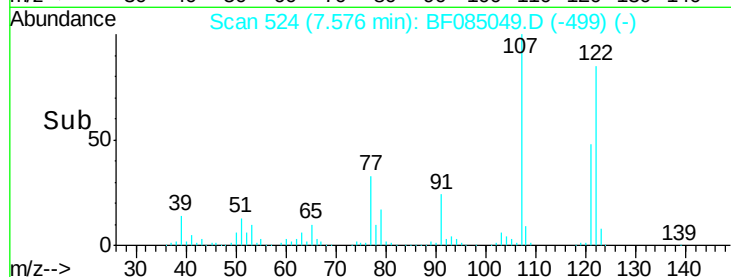
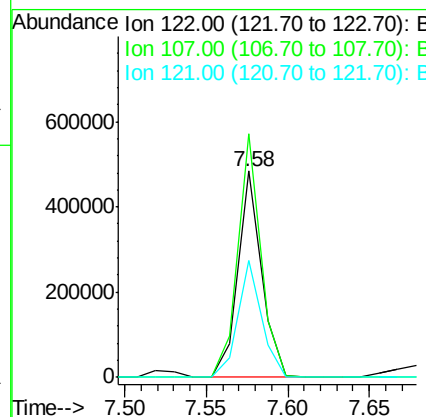
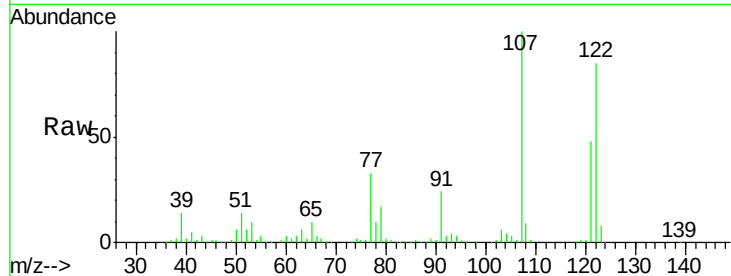
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	122	Resp:	482855
Ion Ratio	Lower	Upper	
122	100		
107	118.1	99.1	148.7
121	57.0	47.9	71.9

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



#28

bis(2-Chloroethoxy)methane

Concen: 36.30 ng

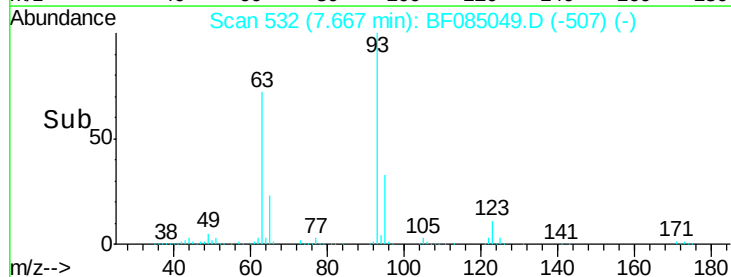
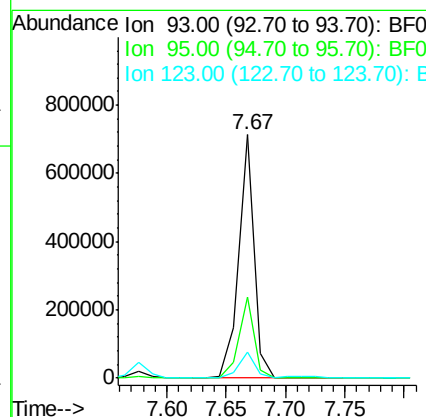
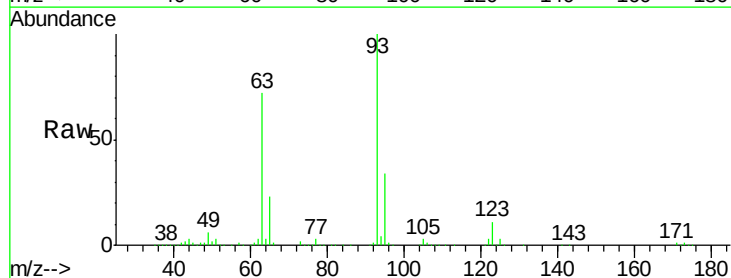
RT: 7.67 min Scan# 532

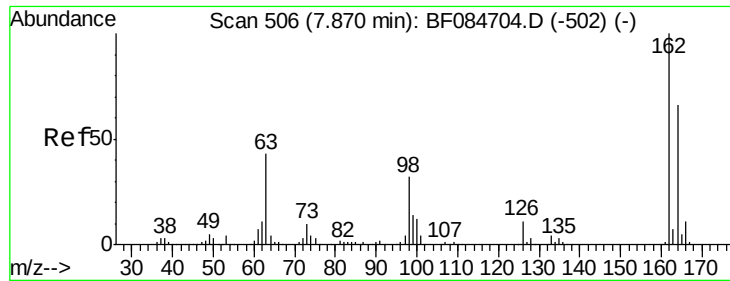
Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Tgt Ion:	93	Resp:	646203
Ion Ratio	Lower	Upper	
93	100		
95	33.5	25.8	38.6
123	10.6	8.6	12.8





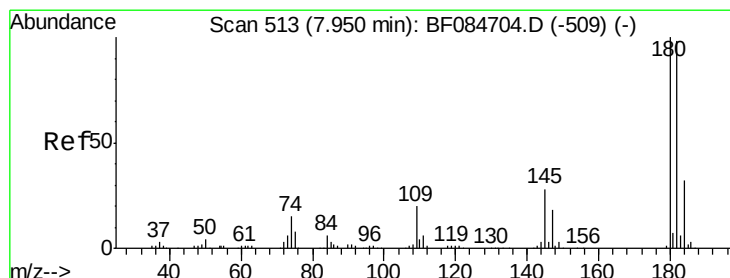
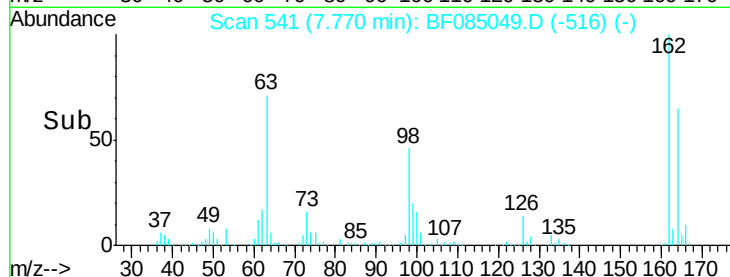
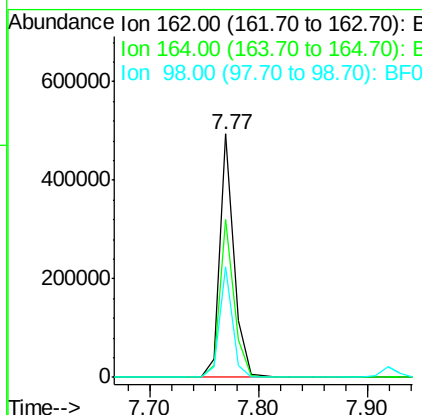
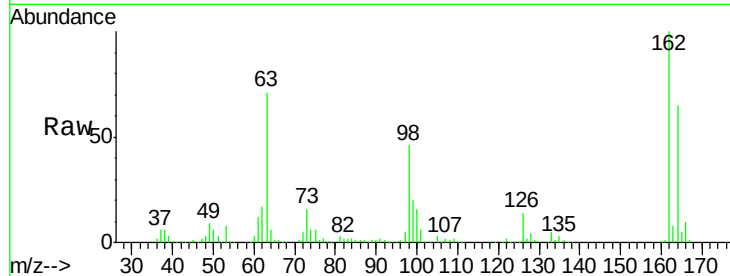
#29
 2,4-Dichlorophenol
 Concen: 37.08 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.0	44.1	84.1
98	45.6	20.2	60.2

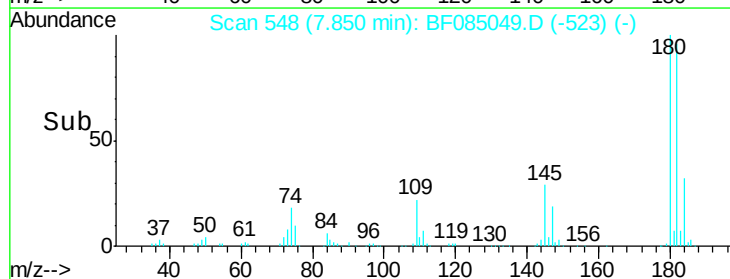
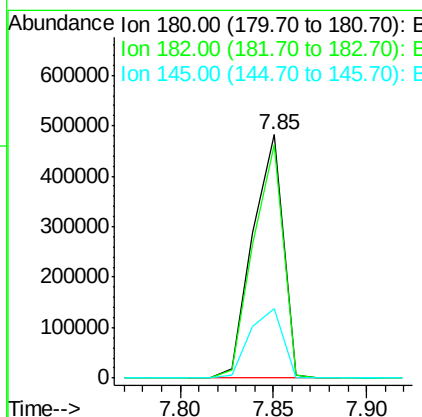
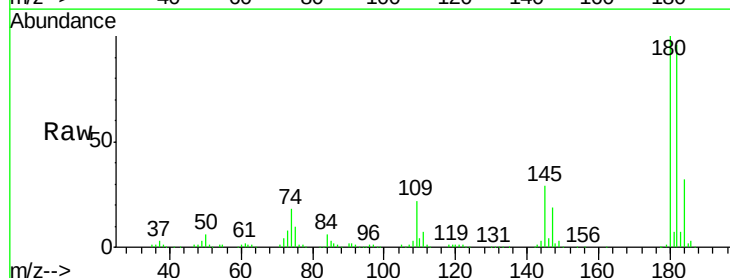
Manual Integrations
 APPROVED

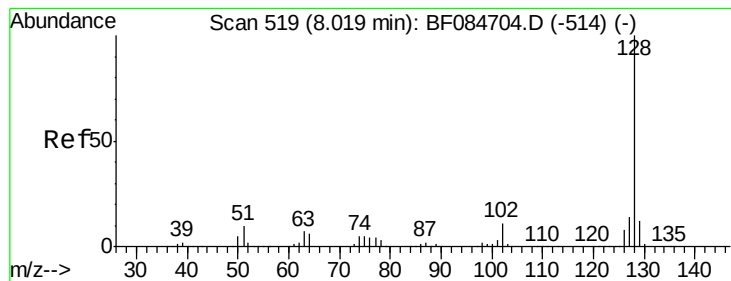
Sohil
 2/12/2016 12:31:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.80 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	76.4	114.6
145	28.6	31.6	47.4#





#31

Naphthalene

Concen: 36.05 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

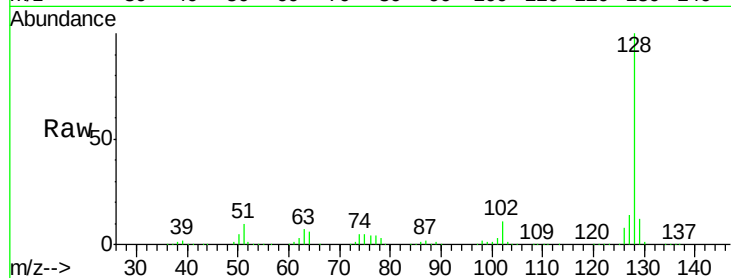
ClientSampleId :

SSTDCCC040EC

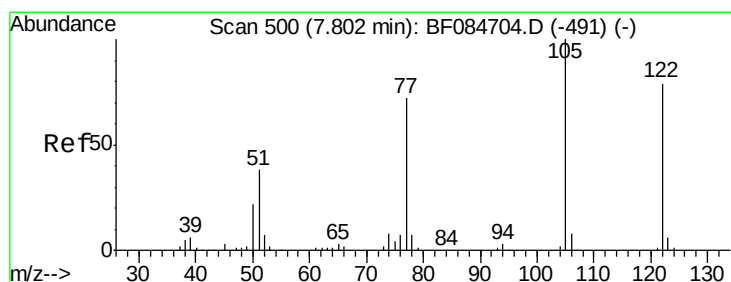
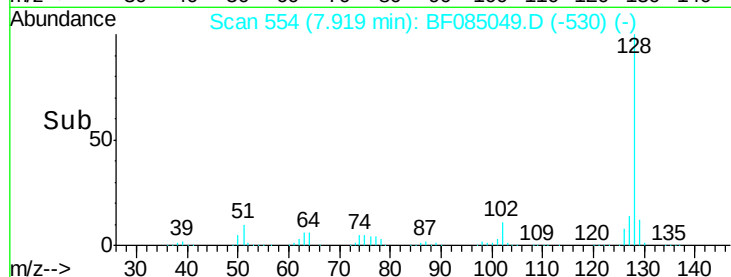
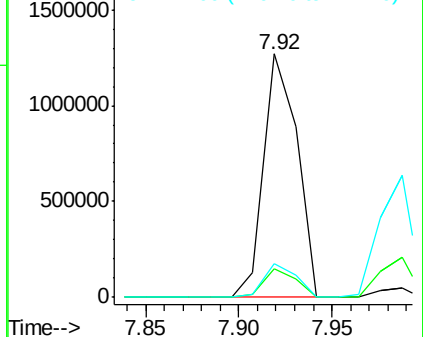
Tgt Ion:	128	Resp:	1571806
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.8	11.1	16.7

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



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



#32

Benzoic acid

Concen: 22.39 ng

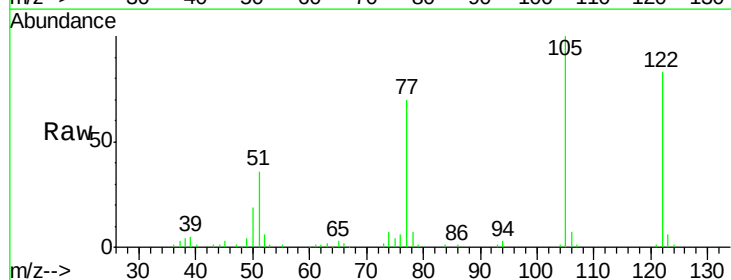
RT: 7.72 min Scan# 537

Delta R.T. -0.02 min

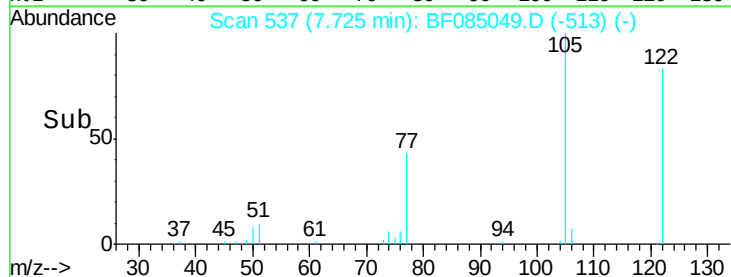
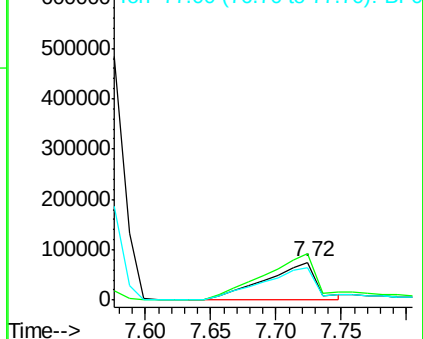
Lab File: BF085049.D

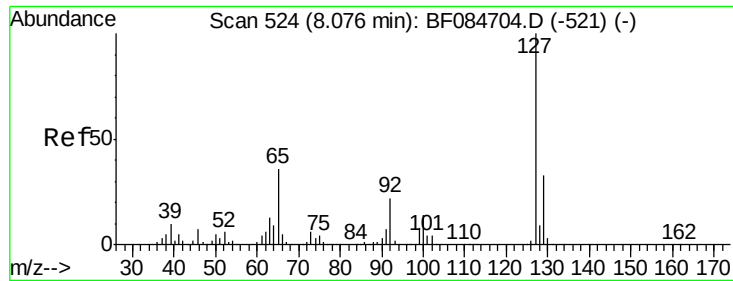
Acq: 12 Feb 2016 8:48

Tgt Ion:	122	Resp:	203030
Ion	Ratio	Lower	Upper
122	100		
105	121.1	100.3	140.3
77	84.7	63.5	103.5



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





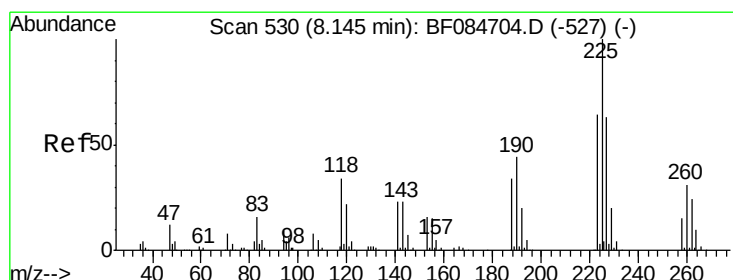
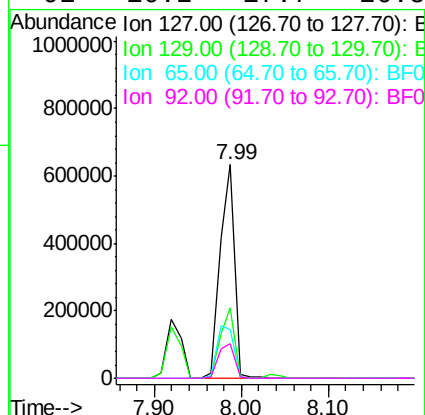
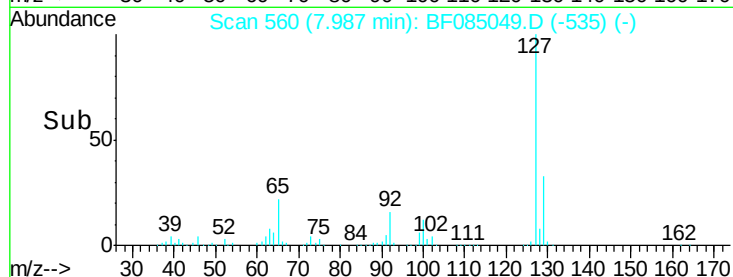
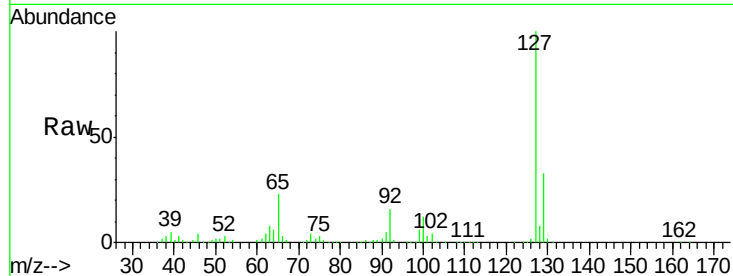
#33
4-Chloroaniline
Concen: 41.38 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	33.2	26.5	39.7
65	22.7	27.2	40.8
92	16.2	17.7	26.5

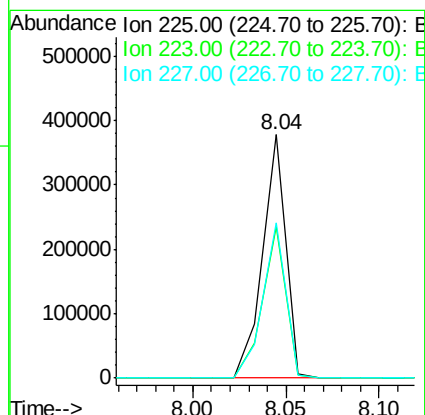
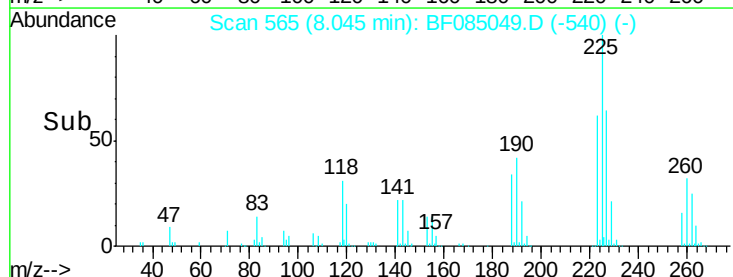
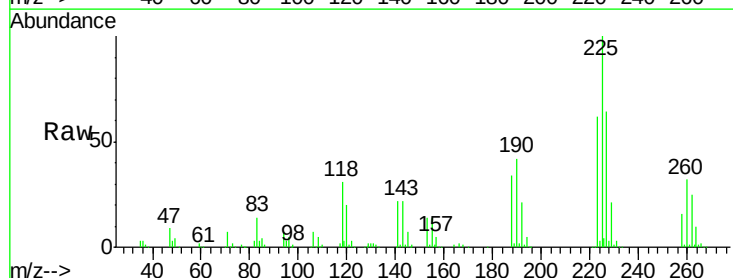
Manual Integrations
APPROVED

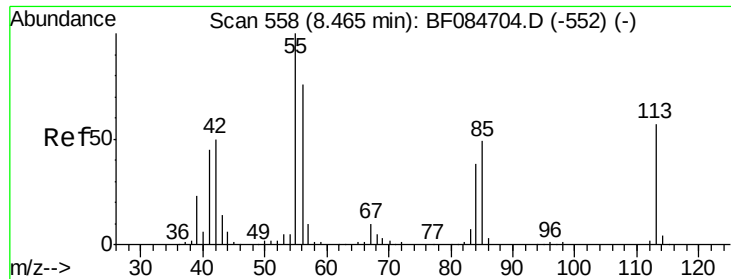
Sohil
2/12/2016 12:31:55 PM



#34
Hexachlorobutadiene
Concen: 40.85 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.1	49.4	74.0
227	64.0	50.8	76.2





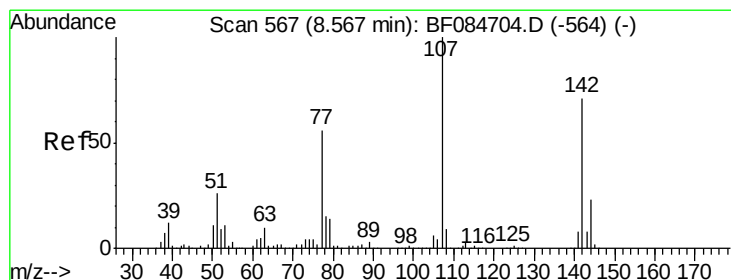
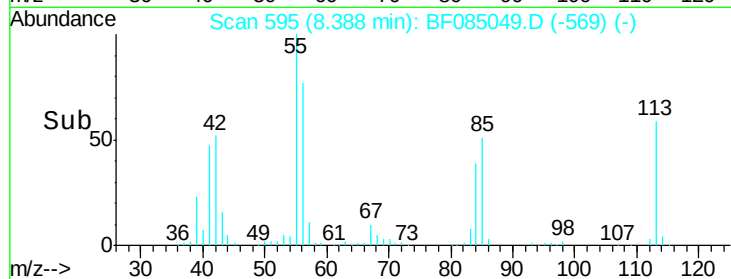
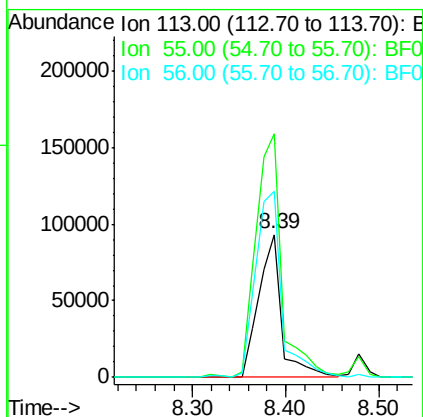
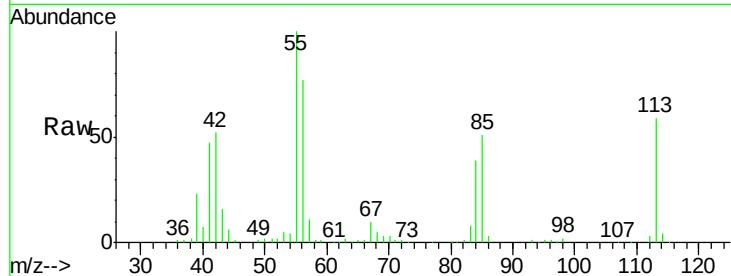
#35
 Caprolactam
 Concen: 42.83 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 160119
 Ion Ratio Lower Upper
 113 100
 55 170.6 116.9 156.9#
 56 130.5 93.8 133.8

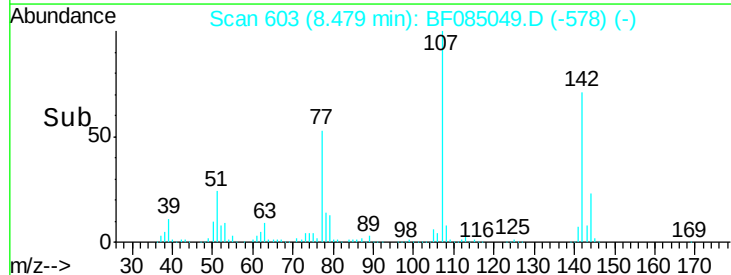
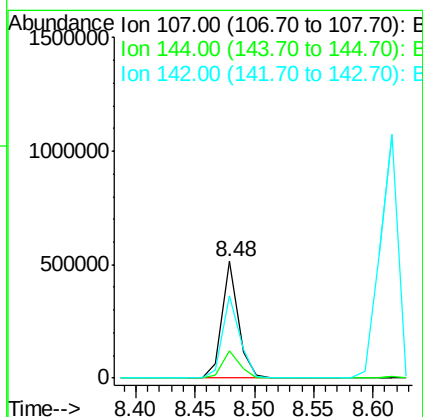
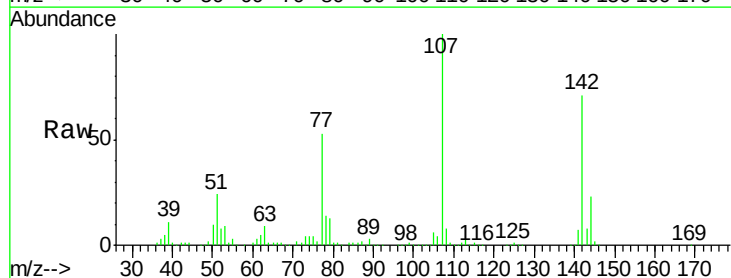
Manual Integrations
 APPROVED

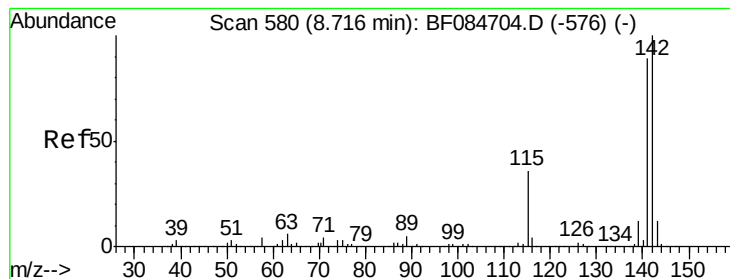
Sohil
 2/12/2016 12:31:55 PM



#36
 4-Chloro-3-methylphenol
 Concen: 35.36 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Tgt Ion:107 Resp: 489252
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.7 29.5
 142 71.1 61.8 92.6





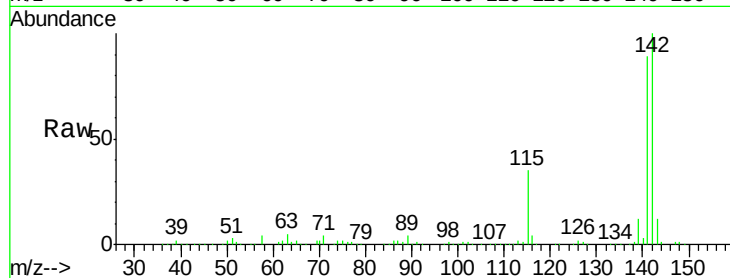
#37
2-Methylnaphthalene
Concen: 41.65 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

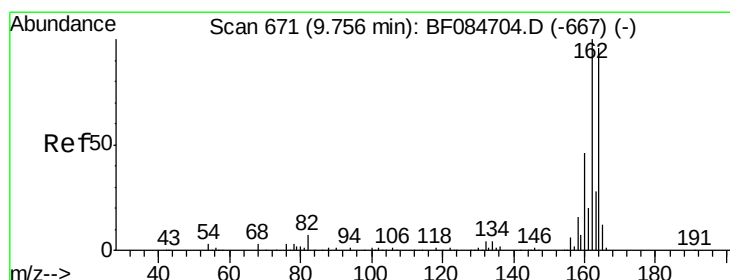
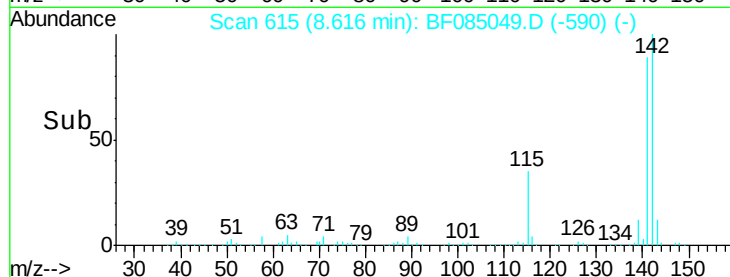
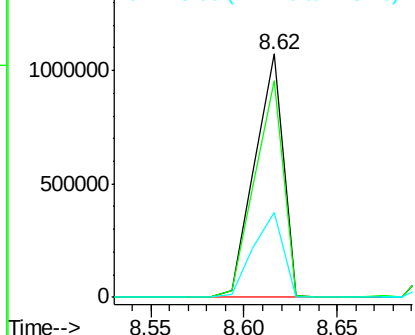
Tgt Ion:142 Resp: 1136603
Ion Ratio Lower Upper
142 100
141 88.8 72.4 108.6
115 34.9 27.9 41.9

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM

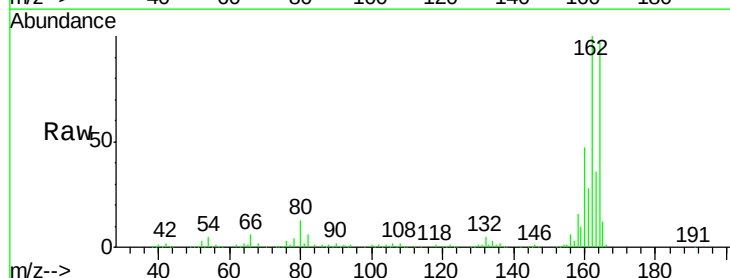


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

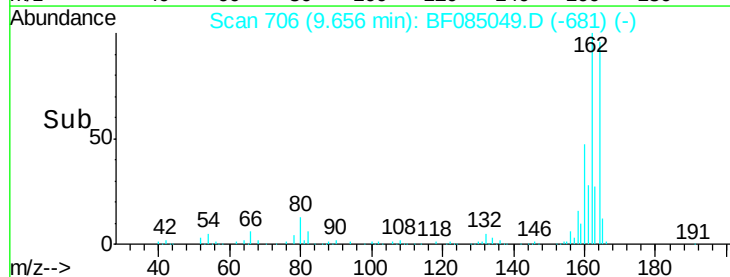
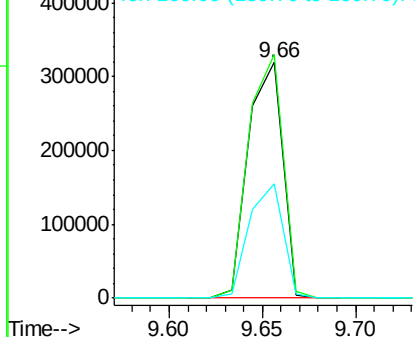


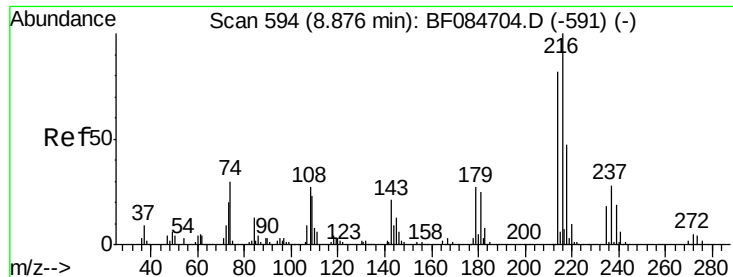
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Tgt Ion:164 Resp: 407345
Ion Ratio Lower Upper
164 100
162 103.5 85.1 127.7
160 48.4 37.5 56.3



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: 37.39 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

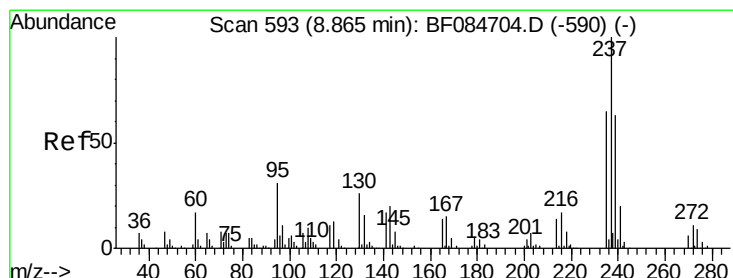
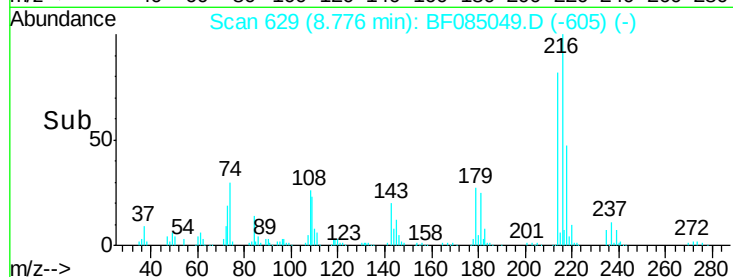
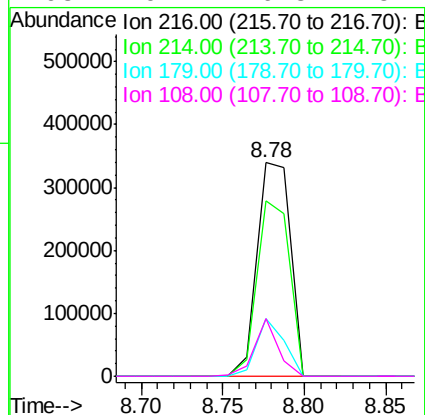
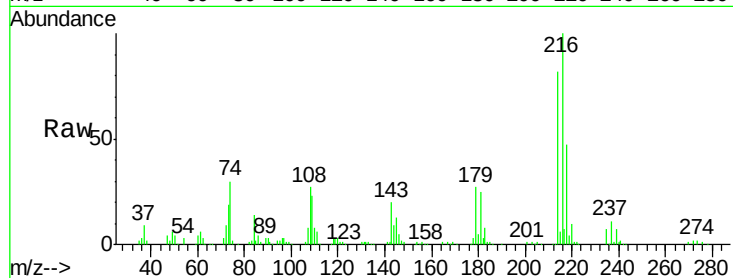
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	216	Resp:	483771
Ion Ratio		Lower	Upper
216	100		
214	79.9	64.2	96.2
179	22.5	18.7	28.1
108	19.1	16.8	25.2

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



#40

Hexachlorocyclopentadiene

Concen: 37.47 ng

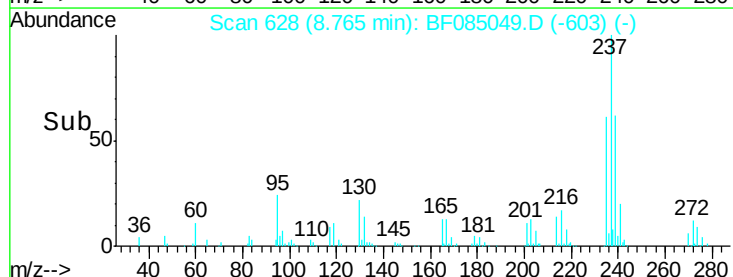
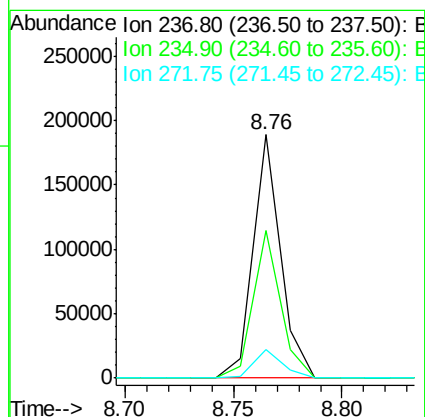
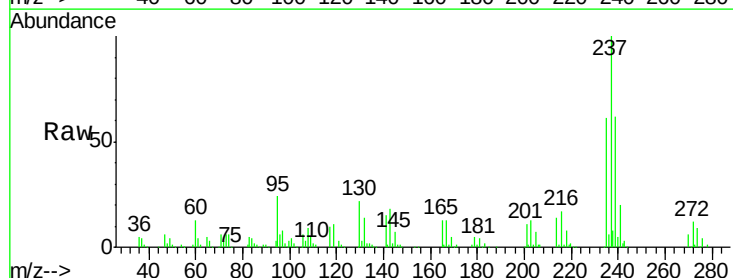
RT: 8.76 min Scan# 628

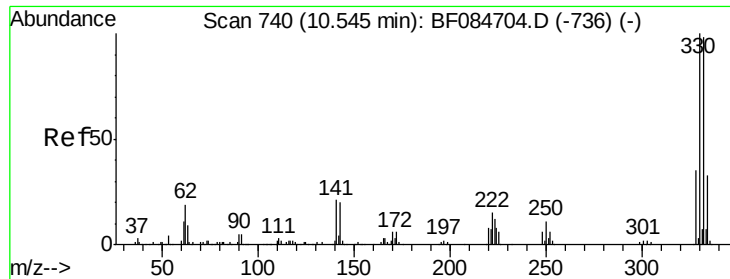
Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Tgt Ion:	237	Resp:	165648
Ion Ratio		Lower	Upper
237	100		
235	60.6	43.1	83.1
272	11.7	0.0	35.1





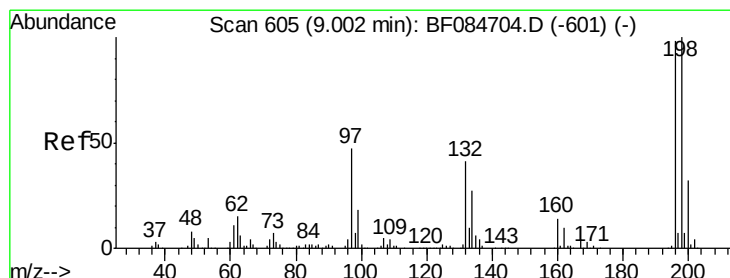
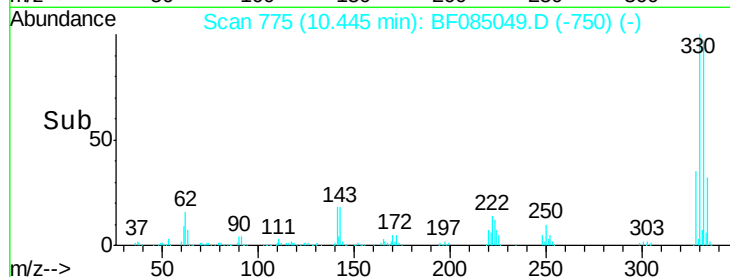
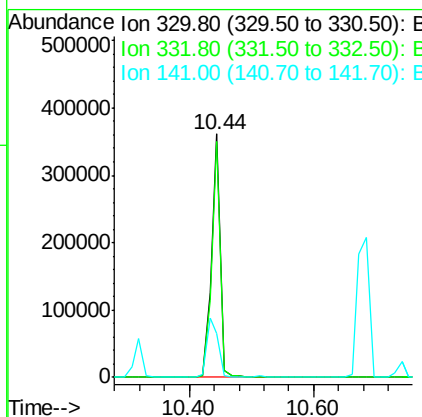
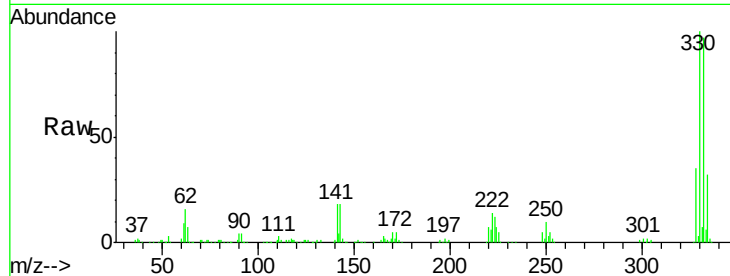
#41
 2,4,6-Tribromophenol
 Concen: 82.75 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	351615		
332	95.4	76.6	114.8	
141	31.3	27.8	41.6	

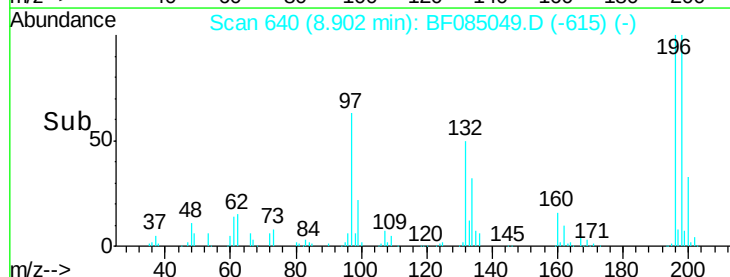
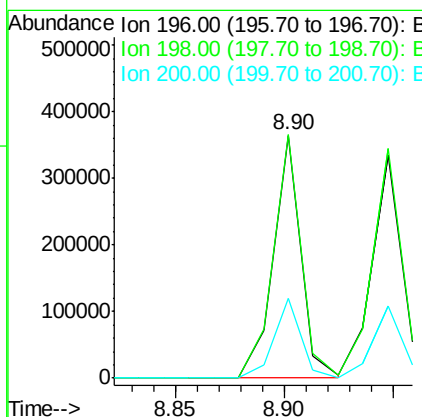
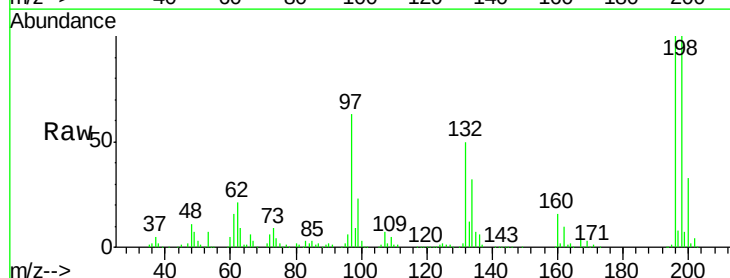
Manual Integrations
 APPROVED

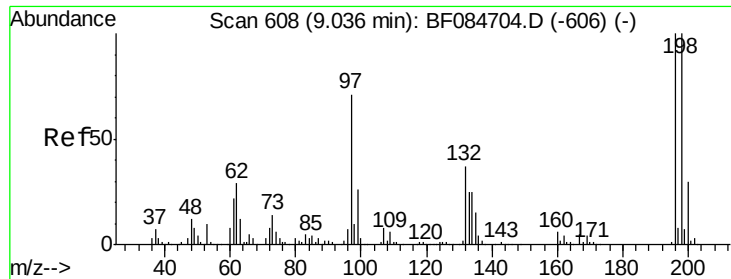
Sohil
 2/12/2016 12:31:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.09 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	325761		
198	100.3	77.7	116.5	
200	33.1	24.6	37.0	





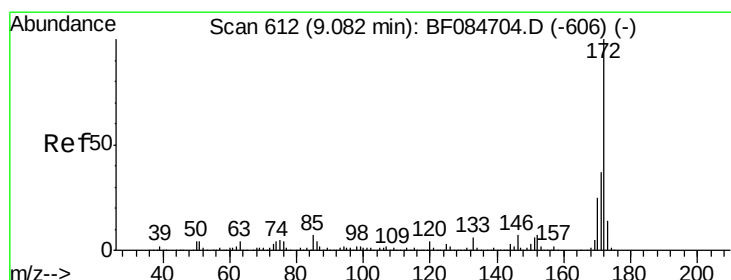
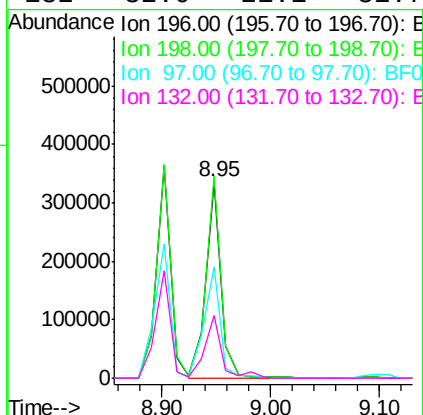
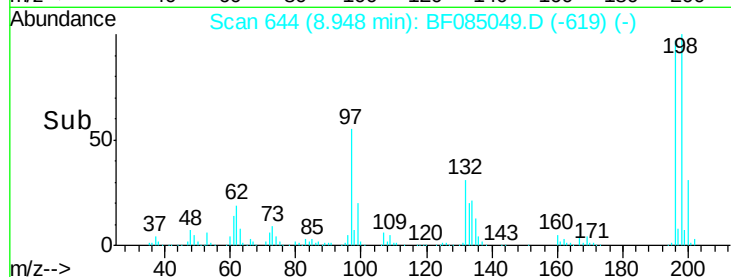
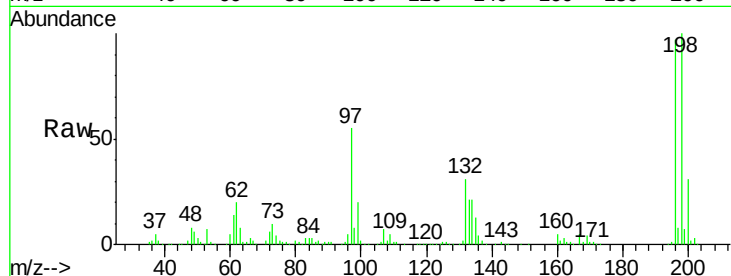
#43
 2,4,5-Trichlorophenol
 Concen: 38.70 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	327691		
198	103.0	79.0	118.6	
97	56.5	33.0	49.6	
132	32.0	21.1	31.7	

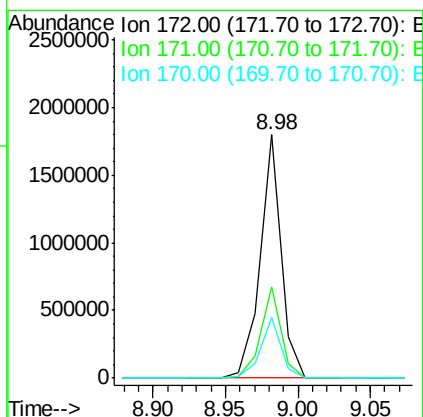
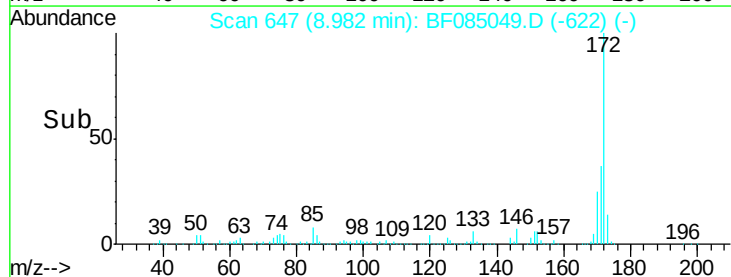
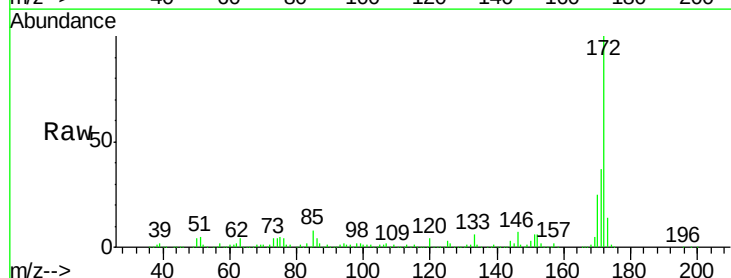
Manual Integrations
 APPROVED

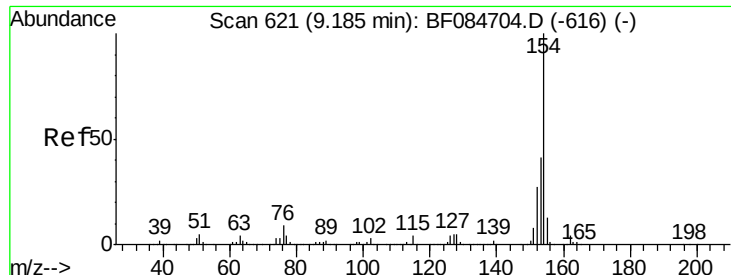
Sohil
 2/12/2016 12:31:55 PM



#44
 2-Fluorobiphenyl
 Concen: 70.13 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1797995		
171	37.3	28.9	43.3	
170	25.1	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 41.60 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:154 Resp: 1513438

Ion Ratio Lower Upper

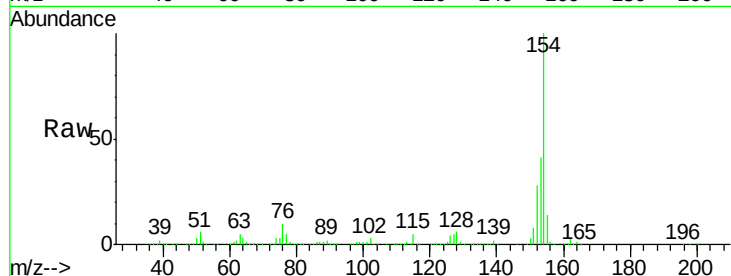
154 100

153 41.0 21.6 61.6

76 10.3 0.0 32.7

Manual Integrations
APPROVED

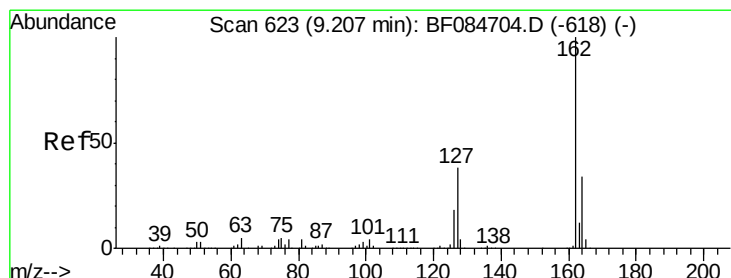
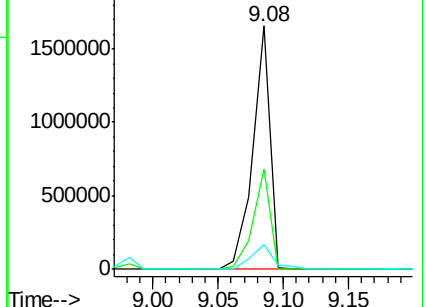
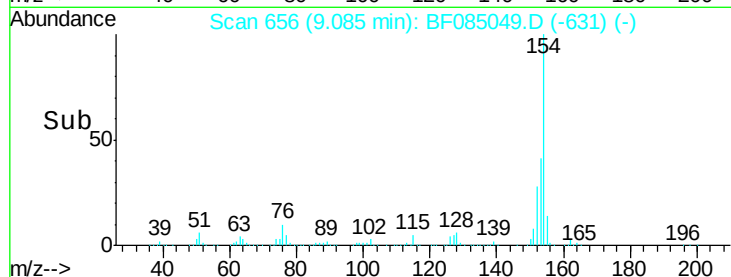
Sohil
2/12/2016 12:31:55 PM



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: 39.41 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

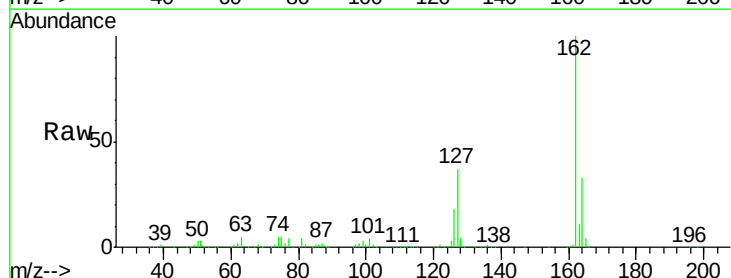
Tgt Ion:162 Resp: 1055852

Ion Ratio Lower Upper

162 100

127 37.5 40.2 60.4#

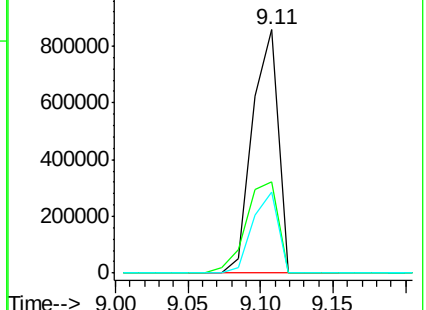
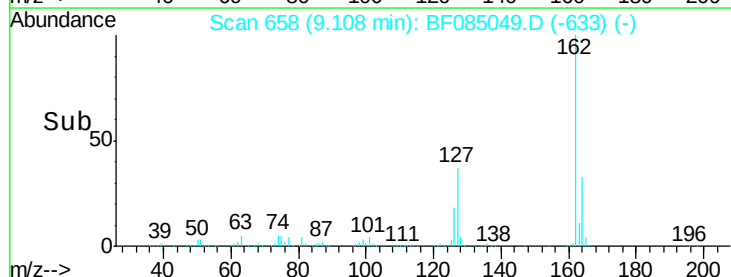
164 33.2 25.7 38.5

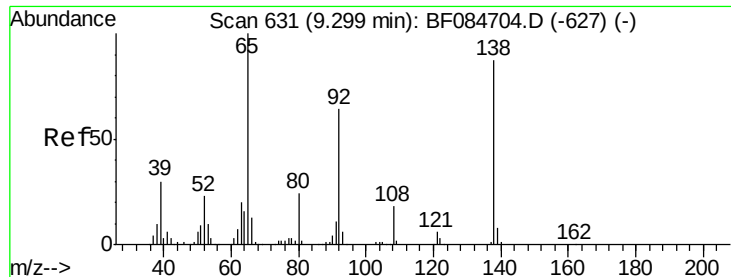


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





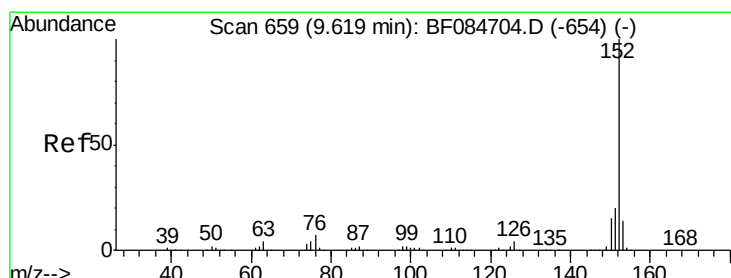
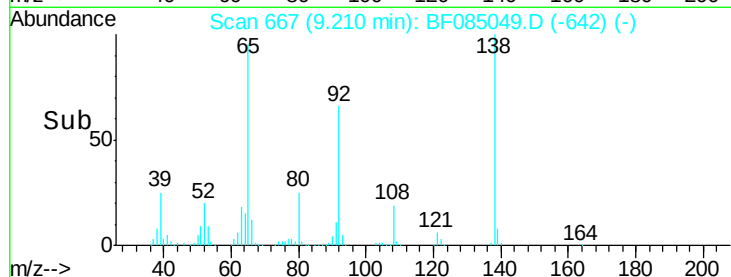
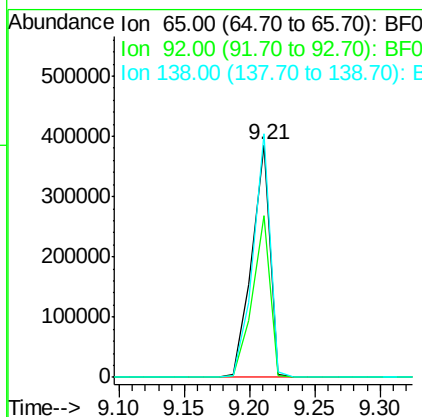
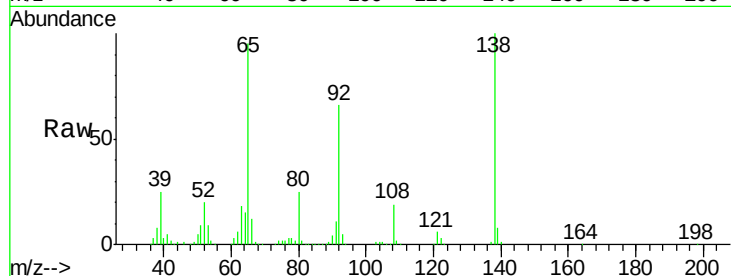
#47
2-Nitroaniline
Concen: 44.56 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	378068		
92	69.4	53.4	80.2	
138	104.8	71.1	106.7	

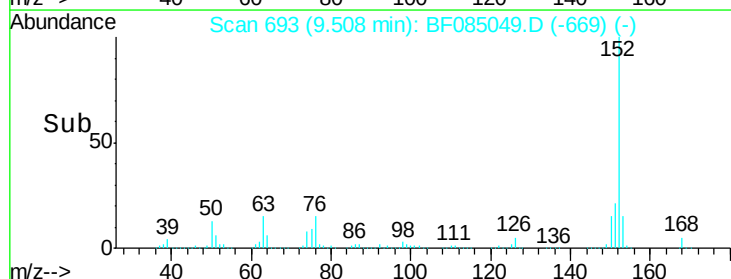
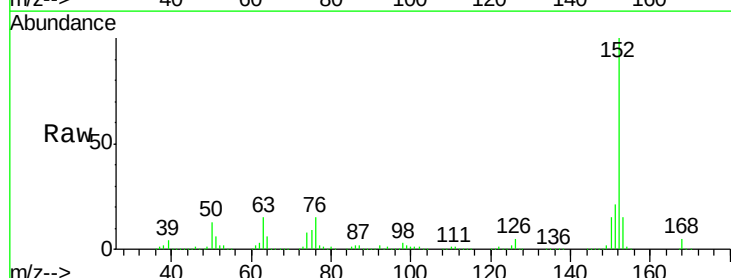
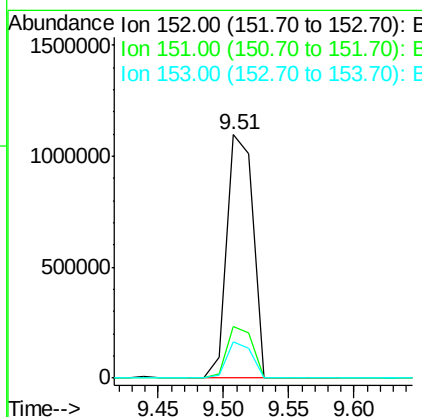
Manual Integrations
APPROVED

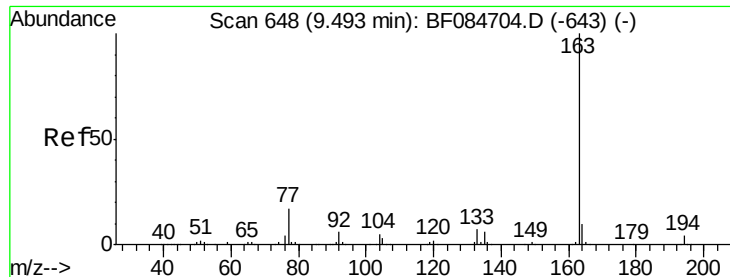
Sohil
2/12/2016 12:31:55 PM



#48
Acenaphthylene
Concen: 37.23 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1513761		
151	20.9	16.3	24.5	
153	15.0	10.4	15.6	





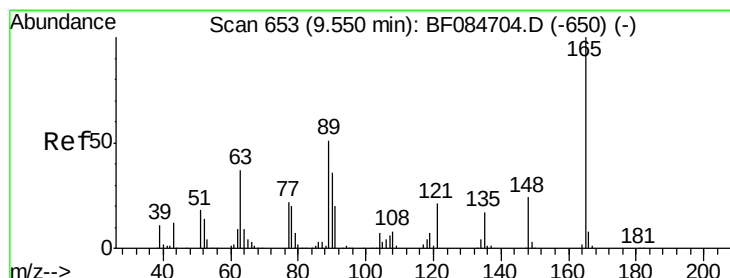
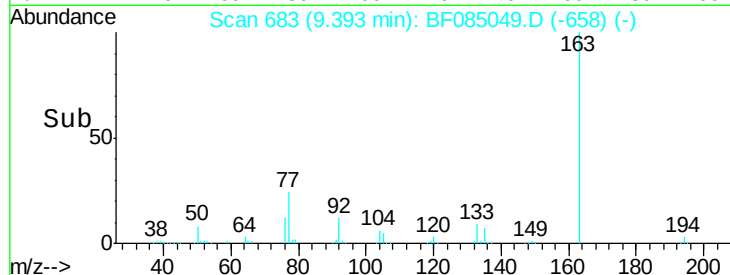
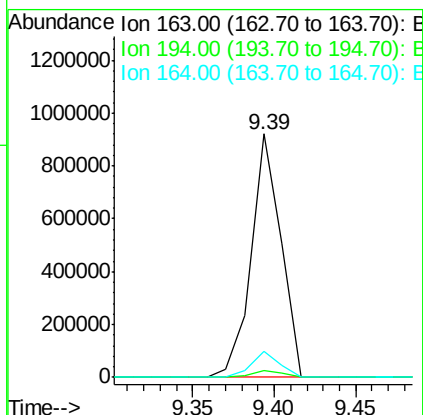
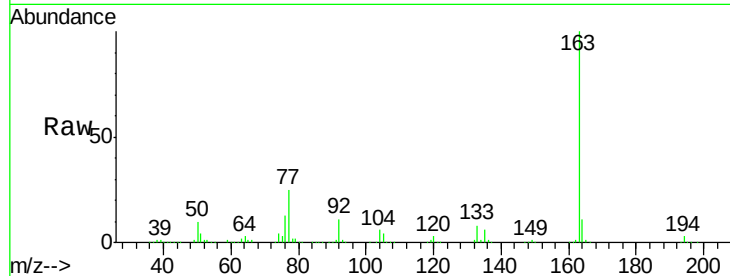
#49
Dimethylphthalate
Concen: 37.47 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 1162560
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.7 8.0 12.0

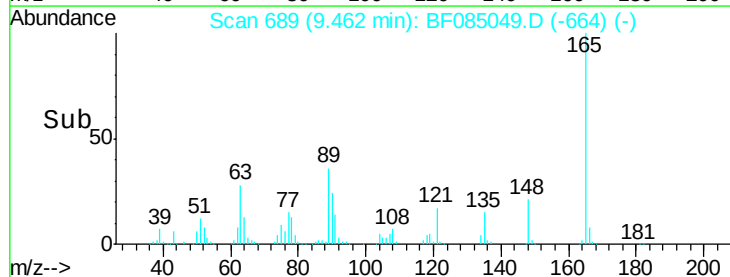
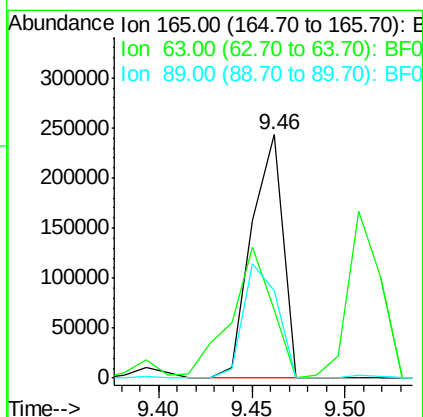
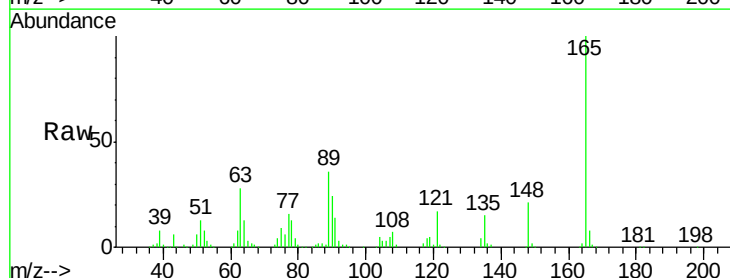
Manual Integrations
APPROVED

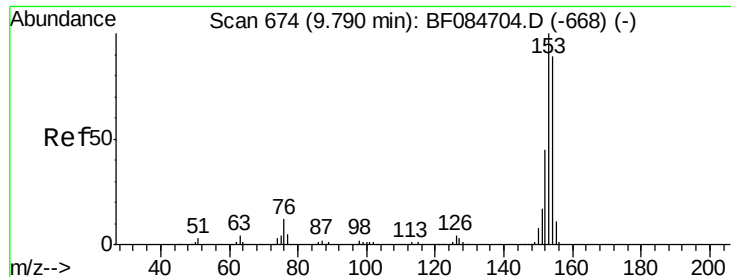
Sohil
2/12/2016 12:31:55 PM



#50
2,6-Dinitrotoluene
Concen: 41.76 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Tgt Ion:165 Resp: 283026
Ion Ratio Lower Upper
165 100
63 28.2 28.8 43.2#
89 36.0 35.1 52.7





#51

Acenaphthene

Concen: 39.07 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:154 Resp: 1033640

Ion Ratio Lower Upper

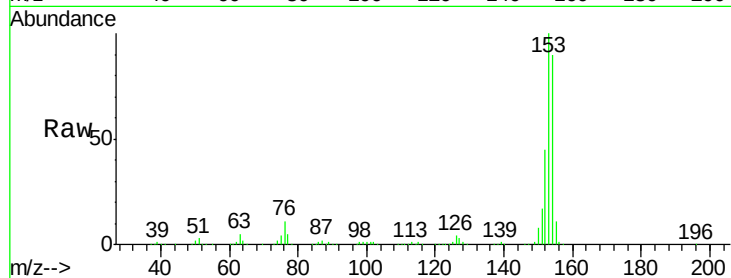
154 100

153 111.3 91.5 137.3

152 50.0 43.0 64.6

Manual Integrations
APPROVED

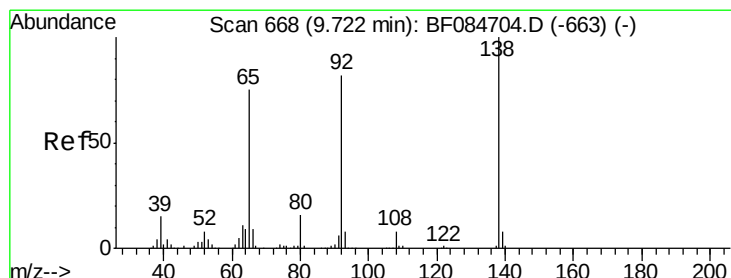
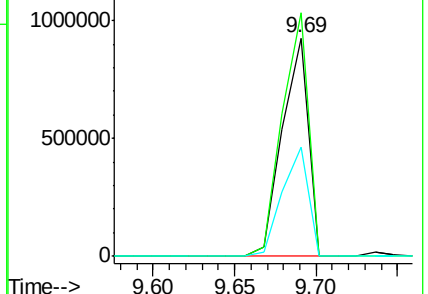
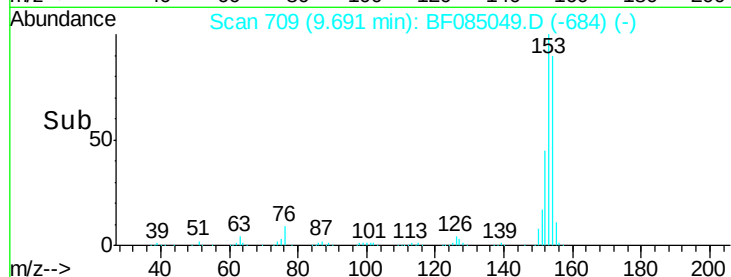
Sohil
2/12/2016 12:31:55 PM



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: 33.79 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

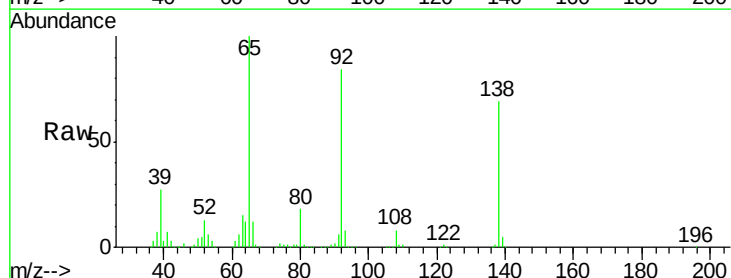
Tgt Ion:138 Resp: 257324

Ion Ratio Lower Upper

138 100

108 10.9 10.5 15.7

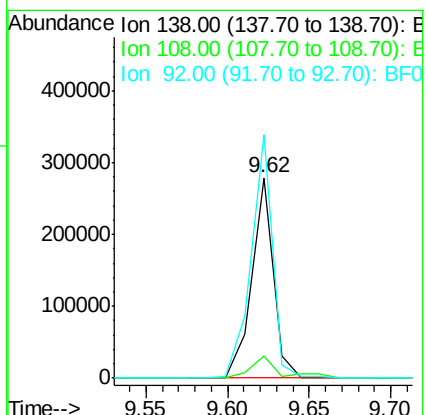
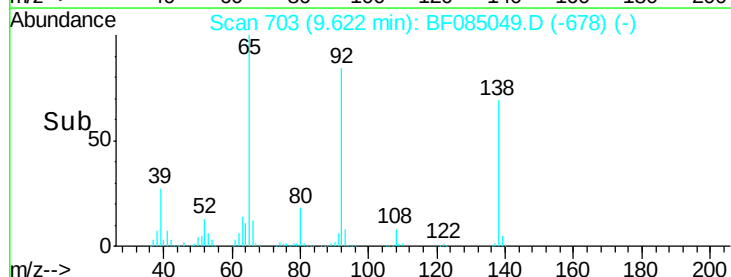
92 121.6 103.9 155.9

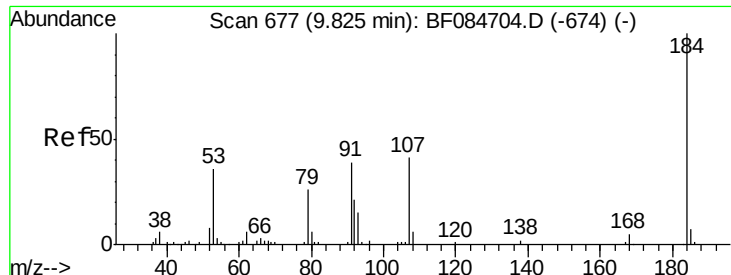


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

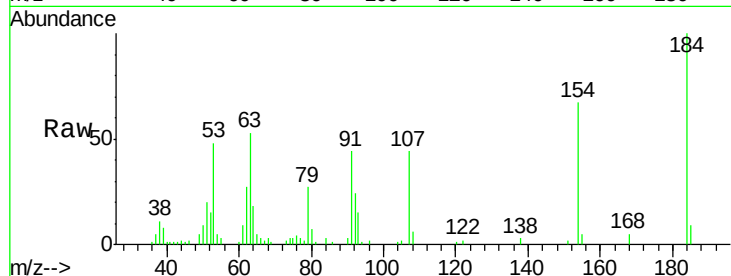
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 15.50 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

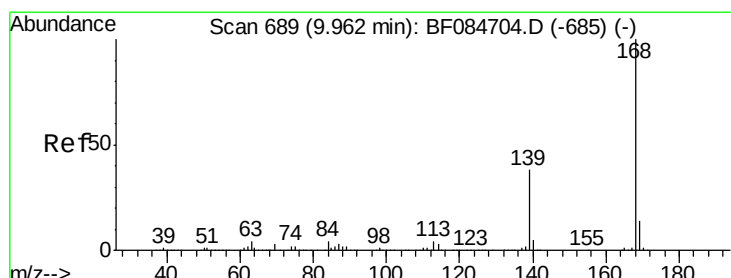
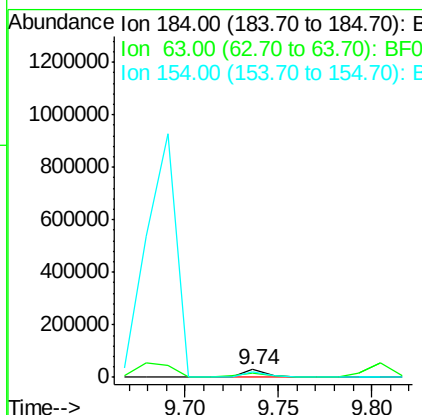
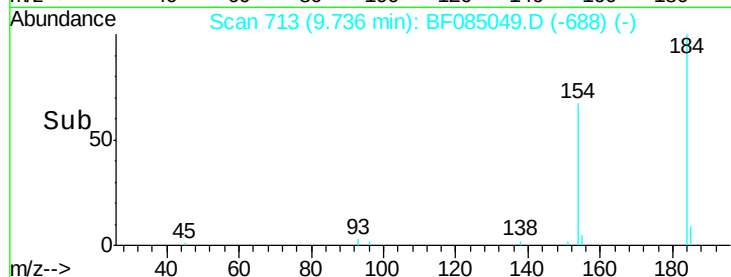
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	32698		
63	53.4	43.1	64.7	
154	66.8	60.5	90.7	

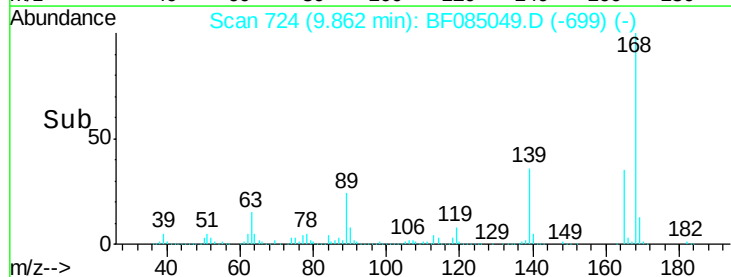
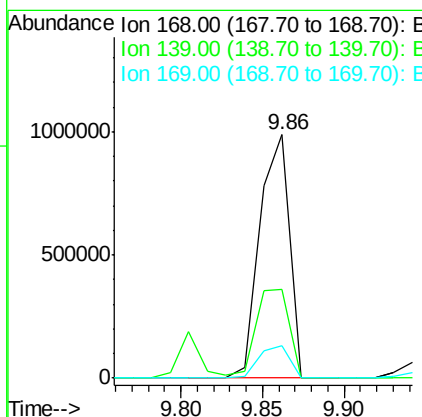
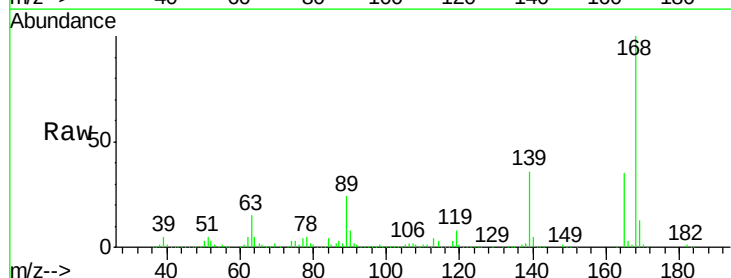
Manual Integrations
APPROVED

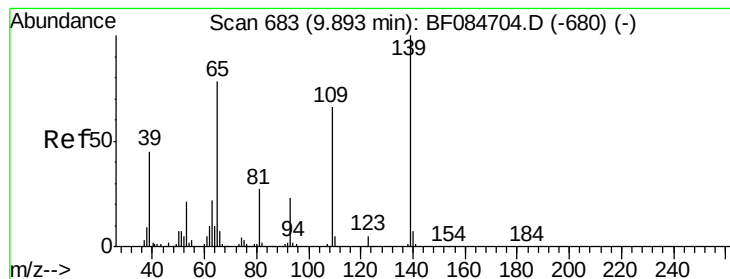
Sohil
2/12/2016 12:31:55 PM



#54
Dibenzofuran
Concen: 38.58 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1247344		
139	36.3	30.5	45.7	
169	13.2	10.4	15.6	





#55

4-Nitrophenol

Concen: 30.99 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

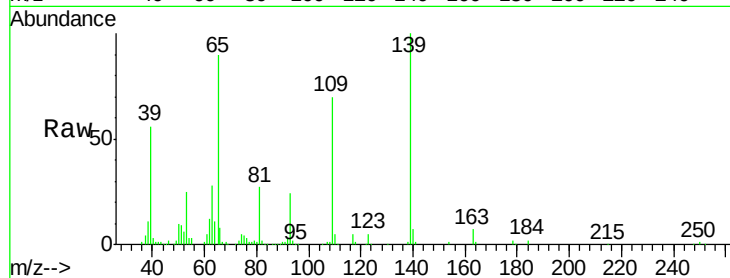
ClientSampleId :

SSTDCCC040EC

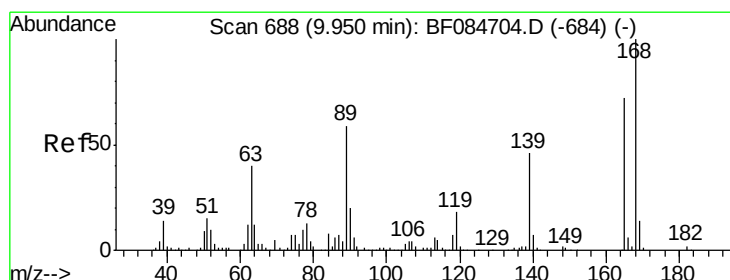
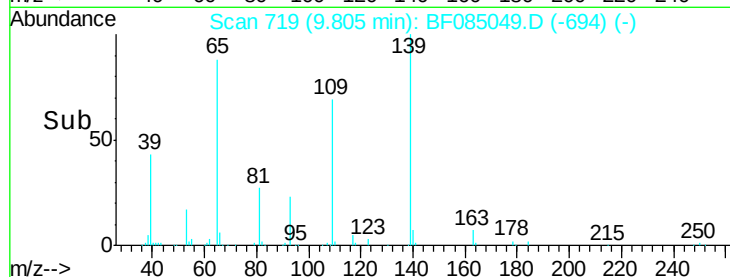
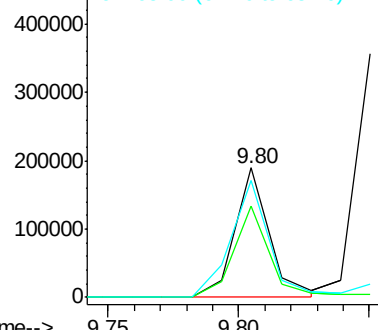
Tgt Ion:	139	Resp:	173461
Ion Ratio	Lower	Upper	
139	100		
109	70.2	58.5	98.5
65	90.2	57.6	97.6

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



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



#56

2,4-Dinitrotoluene

Concen: 41.17 ng

RT: 9.86 min Scan# 724

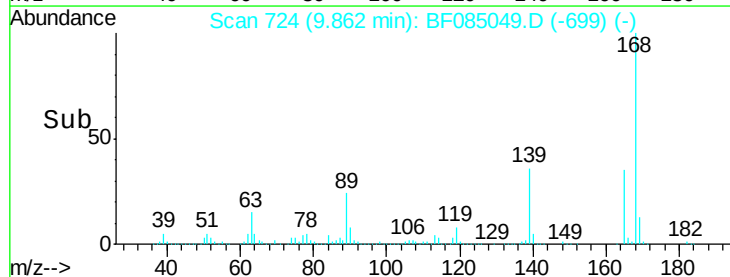
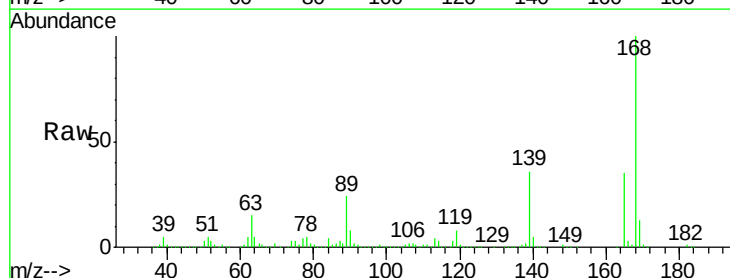
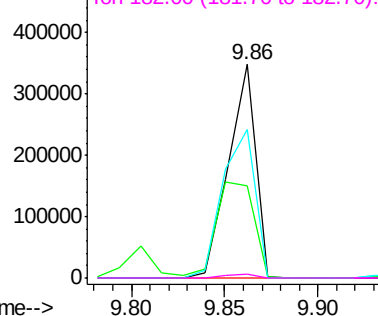
Delta R.T. -0.01 min

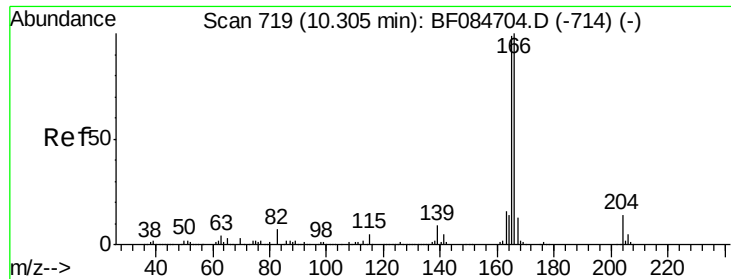
Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Tgt Ion:	165	Resp:	355880
Ion Ratio	Lower	Upper	
165	100		
63	42.9	36.7	55.1
89	69.3	61.9	92.9
182	2.1	2.0	3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





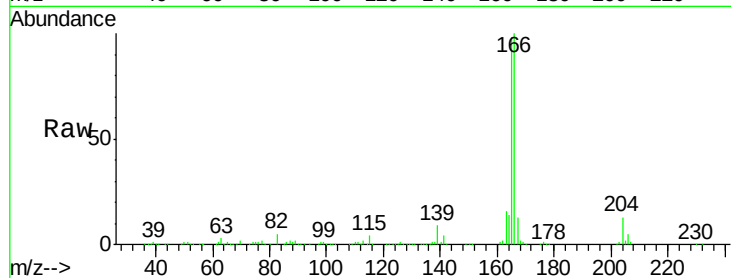
#57
Fluorene
 Concen: 38.07 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

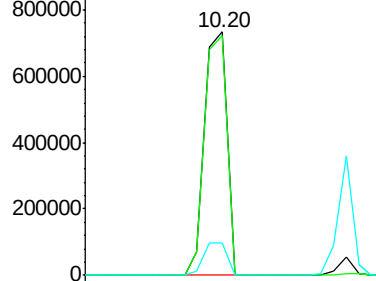
Tgt Ion:166 Resp: 1027686
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.1 118.7
 167 13.2 10.4 15.6

Manual Integrations
 APPROVED

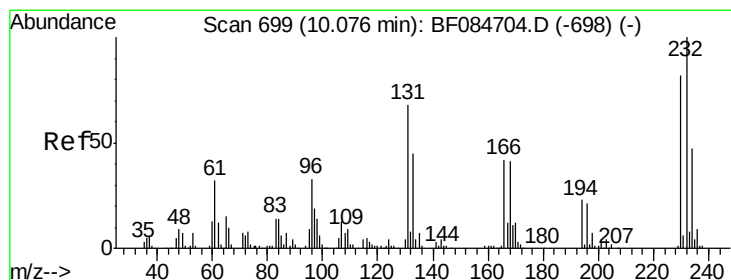
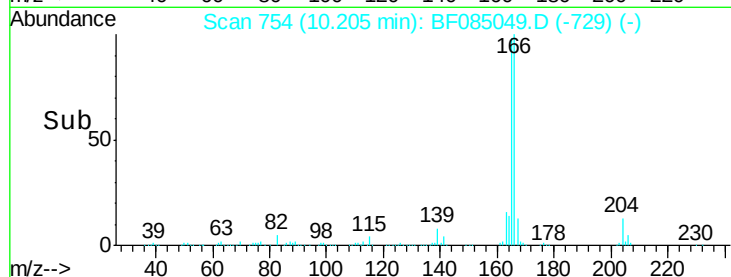
Sohil
 2/12/2016 12:31:55 PM



Abundance Ion 166.00 (165.70 to 166.70): E
 1000000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E



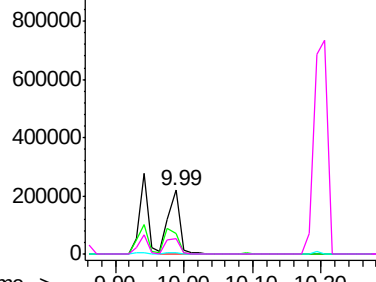
Time-->



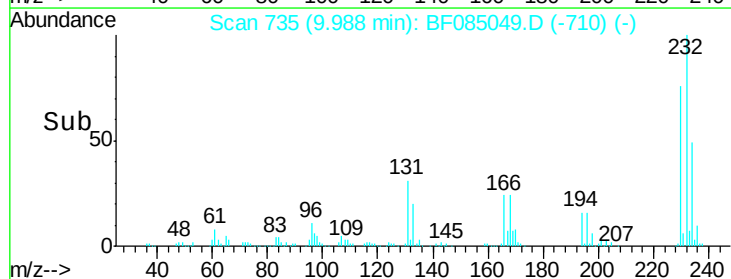
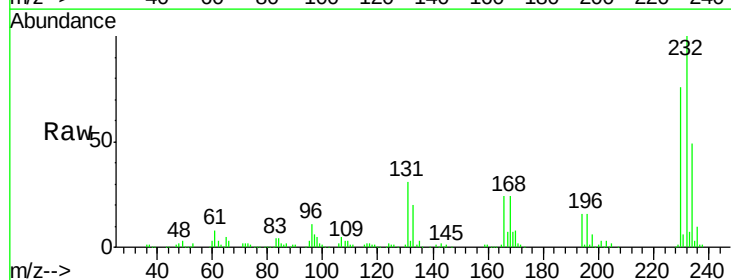
#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.22 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

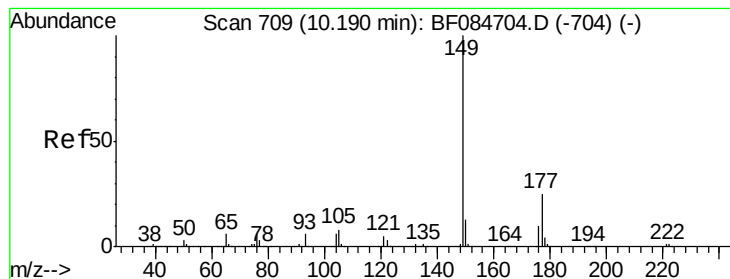
Tgt Ion:232 Resp: 252819
 Ion Ratio Lower Upper
 232 100
 131 45.0 47.0 70.6#
 130 2.0 2.0 3.0
 166 29.8 30.5 45.7#

Abundance Ion 232.00 (231.70 to 232.70): E
 1000000
 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



Time-->





#59

Diethylphthalate

Concen: 35.94 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 1088671

Ion Ratio Lower Upper

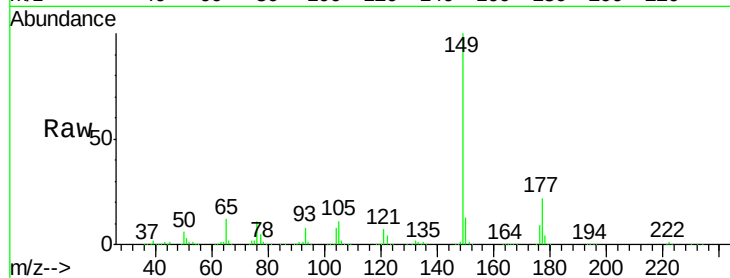
149 100

177 21.6 17.3 25.9

150 13.2 9.8 14.8

Manual Integrations
APPROVED

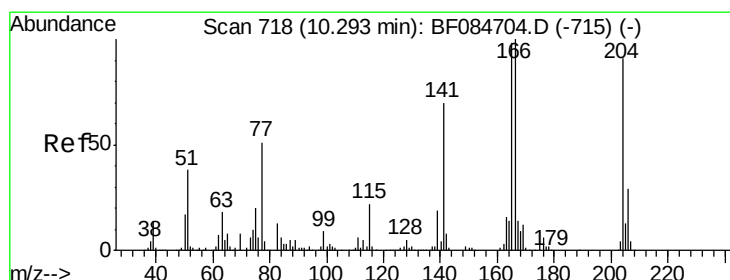
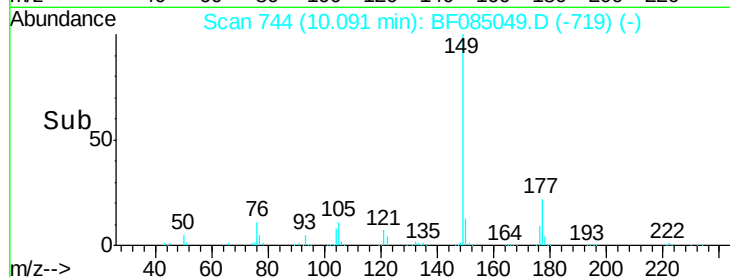
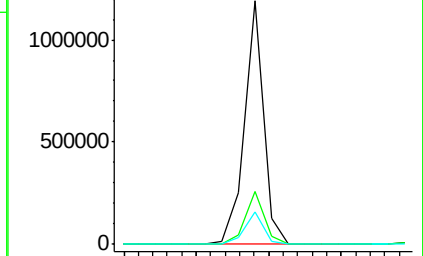
Sohil
2/12/2016 12:31:55 PM



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: 37.18 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

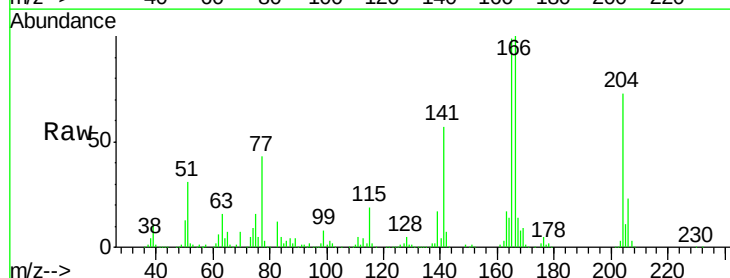
Tgt Ion:204 Resp: 436089

Ion Ratio Lower Upper

204 100

206 32.0 25.7 38.5

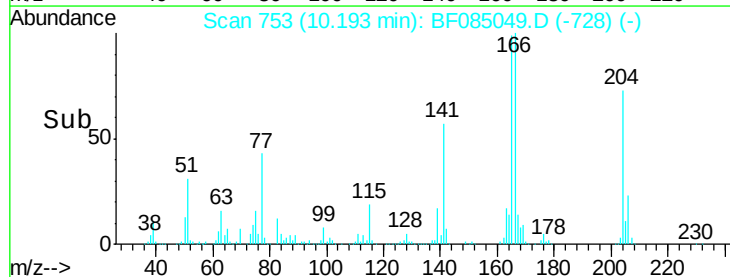
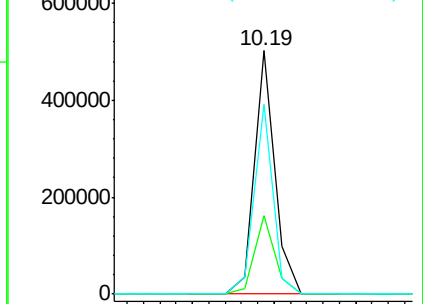
141 78.2 55.1 82.7

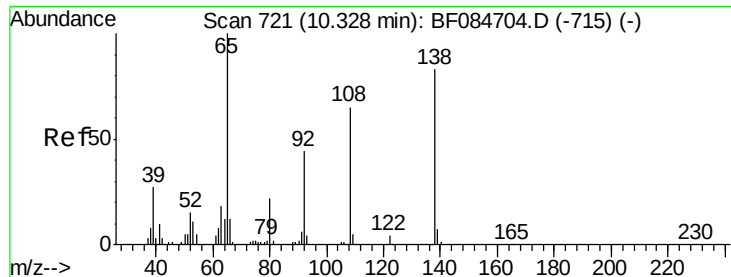


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.59 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

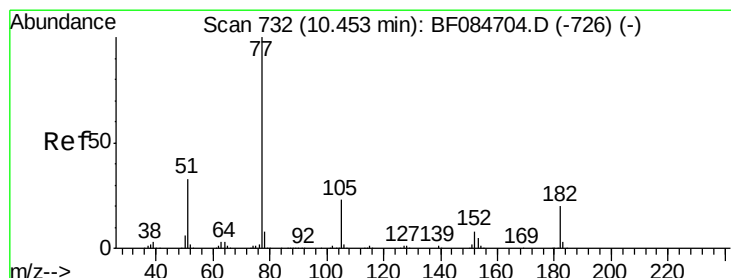
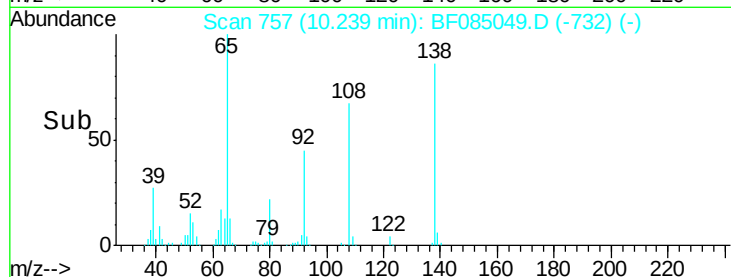
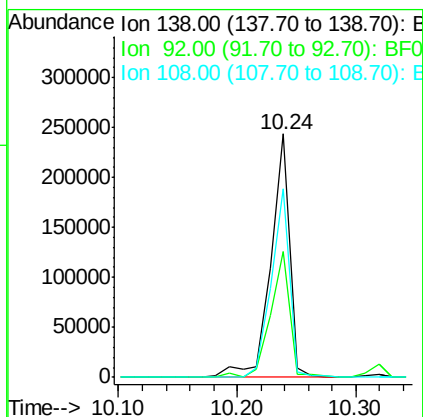
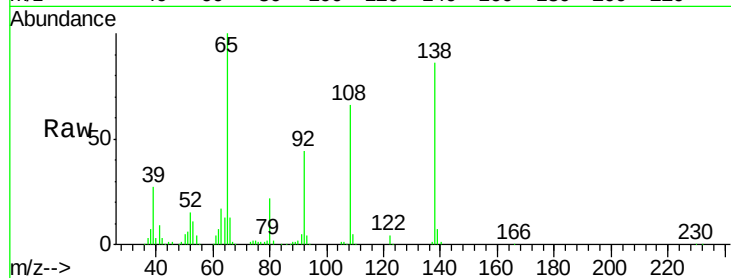
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	138	Resp:	271580
Ion Ratio	Lower	Upper	
138	100		
92	51.7	32.6	72.6
108	77.4	68.6	108.6

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



#62

Azobenzene

Concen: 39.11 ng

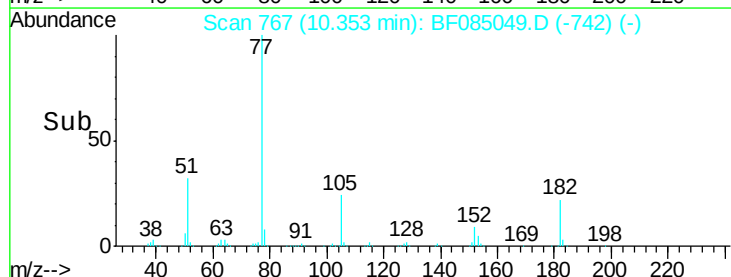
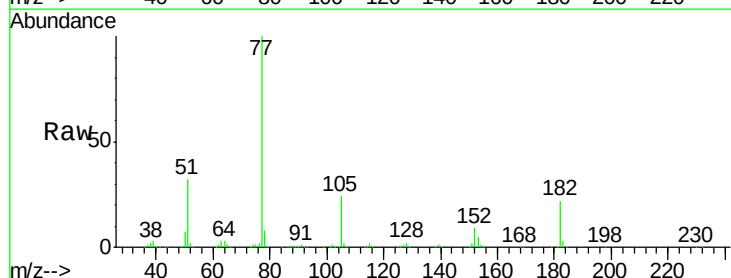
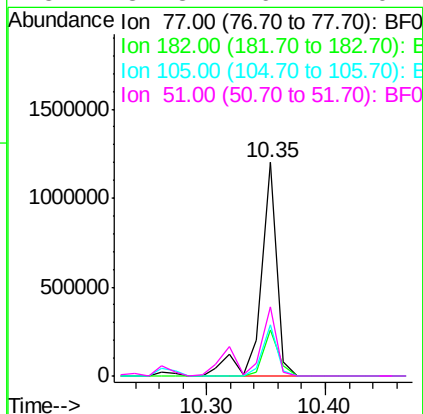
RT: 10.35 min Scan# 767

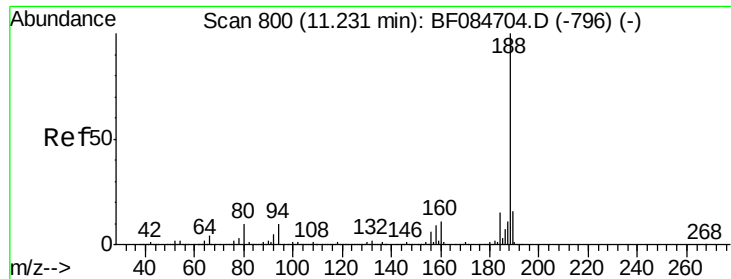
Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Tgt Ion:	77	Resp:	1139424
Ion Ratio	Lower	Upper	
77	100		
182	21.7	8.3	48.3
105	23.8	4.6	44.6
51	32.3	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:188 Resp: 726125
Ion Ratio Lower Upper

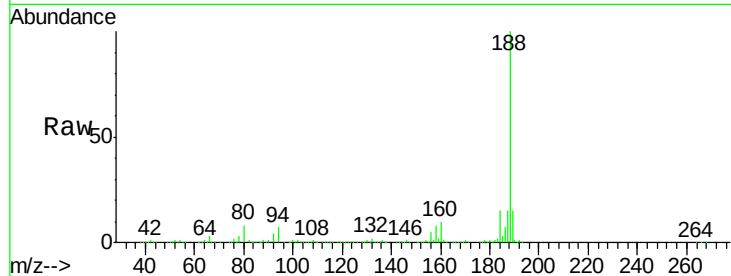
188 100

94 7.0 9.0 13.4#

80 7.6 9.6 14.4#

Manual Integrations
APPROVED

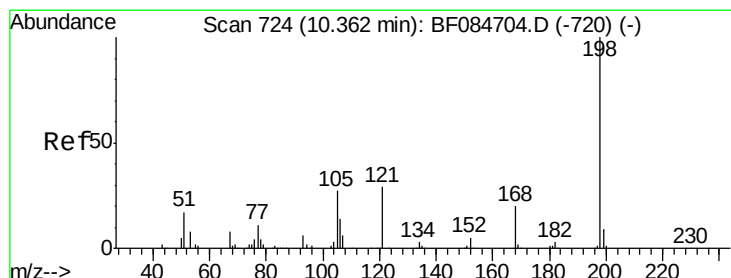
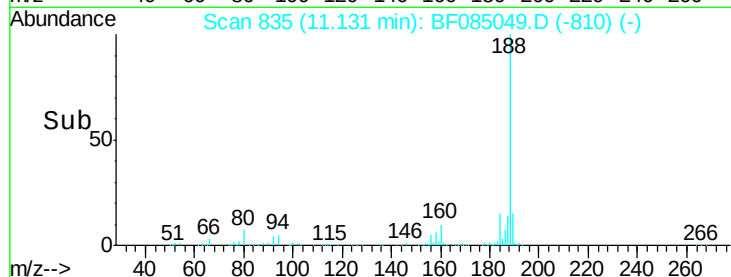
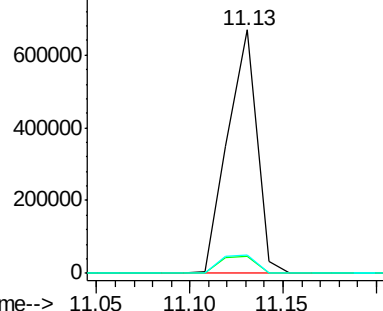
Sohil
2/12/2016 12:31:55 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 23.47 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF085049.D

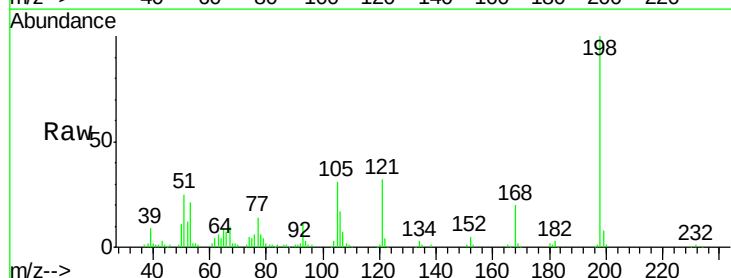
Acq: 12 Feb 2016 8:48

Tgt Ion:198 Resp: 105203
Ion Ratio Lower Upper

198 100

51 25.4 18.9 58.9

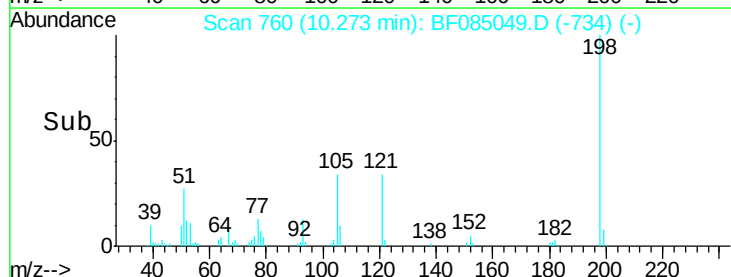
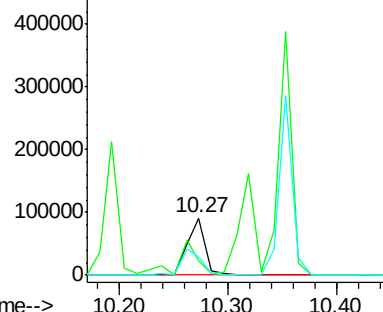
105 31.5 26.4 66.4

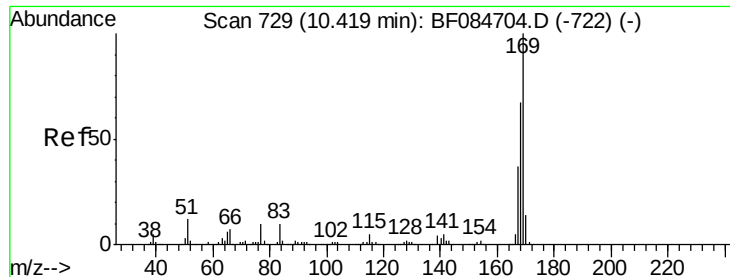


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





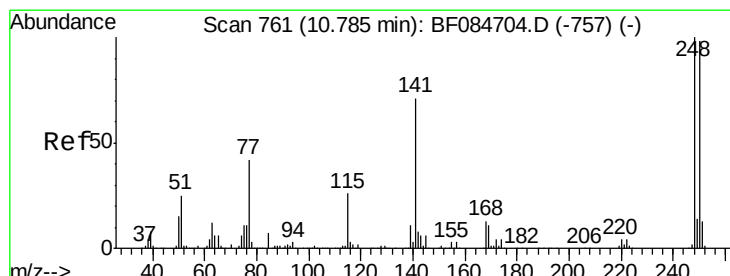
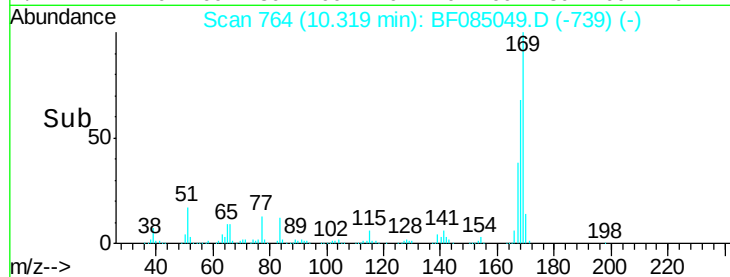
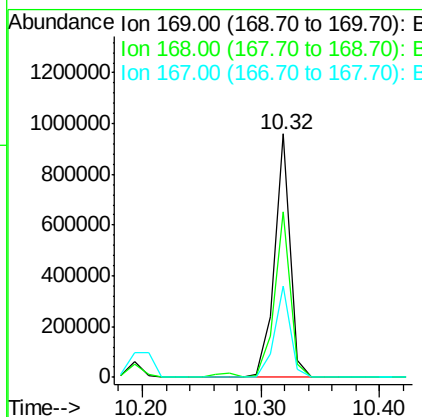
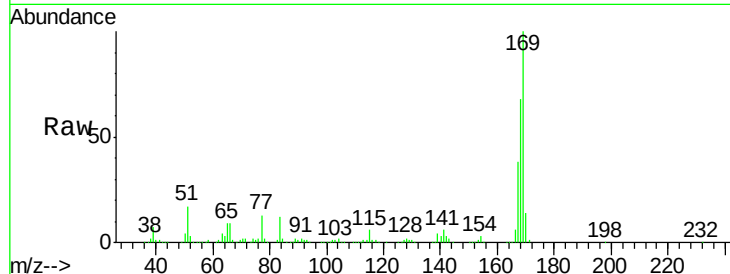
#65
n-Nitrosodiphenylamine
Concen: 38.12 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	878966		
168	67.8	55.1	82.7	
167	37.5	30.0	45.0	

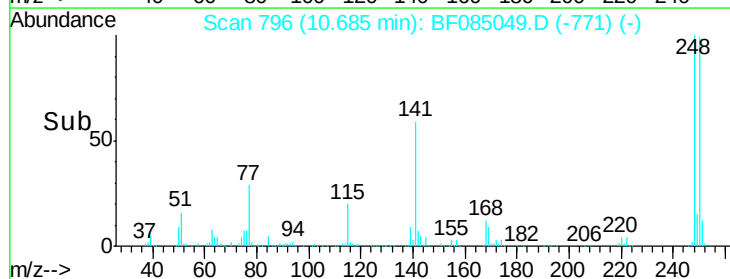
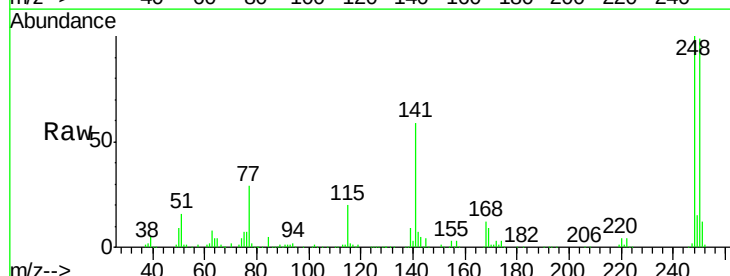
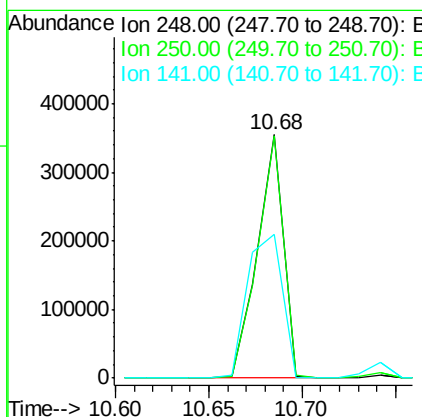
Manual Integrations
APPROVED

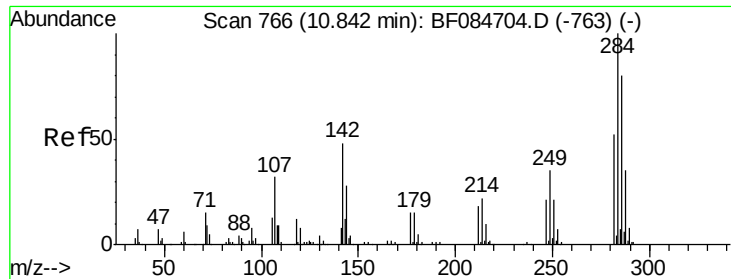
Sohil
2/12/2016 12:31:55 PM



#66
4-Bromophenyl-phenylether
Concen: 42.68 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	342277		
250	99.3	78.4	117.6	
141	58.8	44.0	66.0	





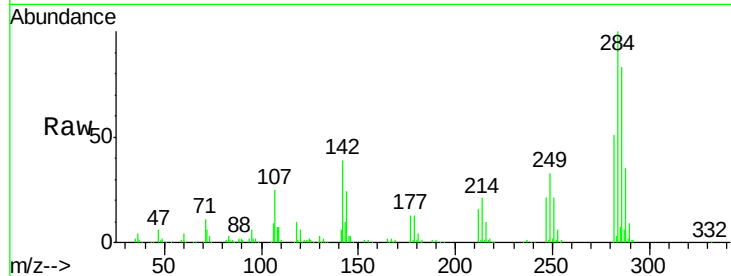
#67
Hexachlorobenzene
Concen: 36.76 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

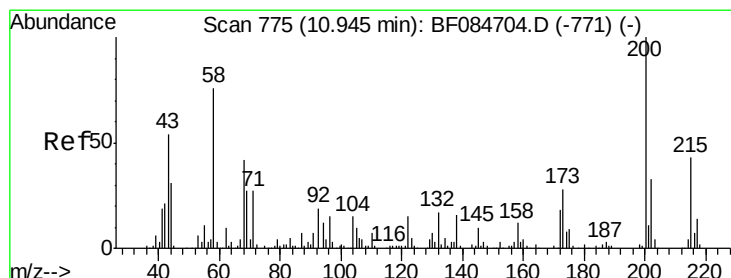
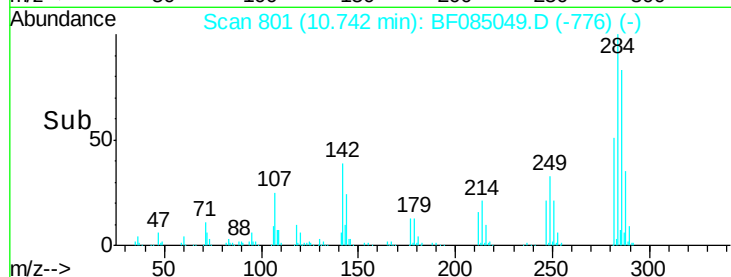
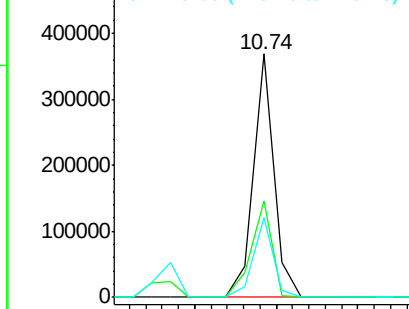
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	39.5	22.2	33.4#
249	32.8	24.6	37.0

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM

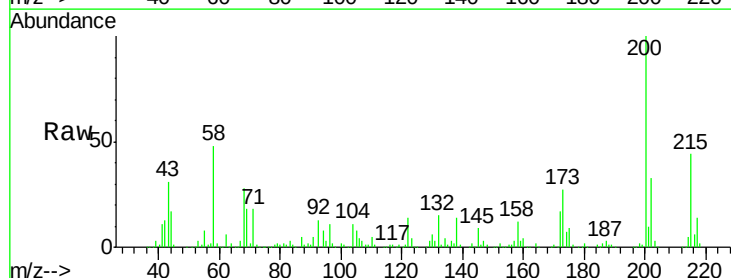


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

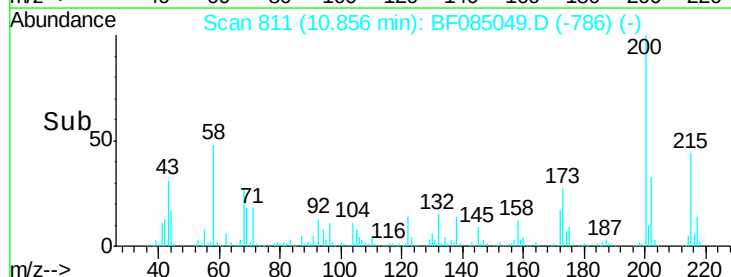
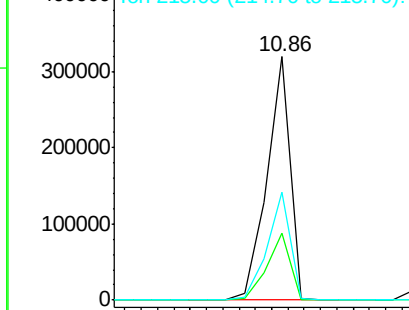


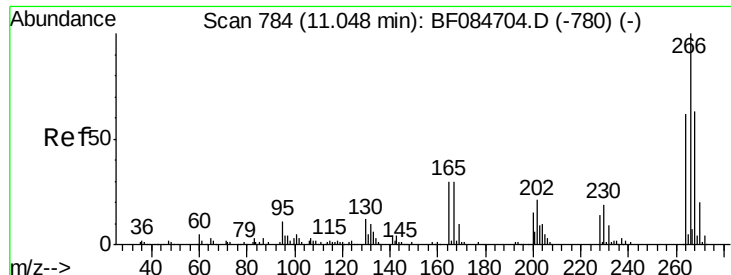
#68
Atrazine
Concen: 43.42 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	9.5	49.5
215	44.5	23.8	63.8



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





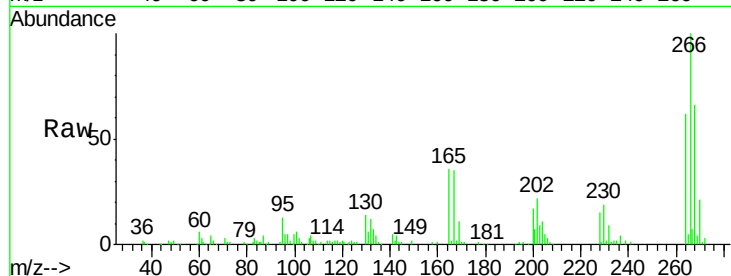
#69
 Pentachlorophenol
 Concen: 28.80 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

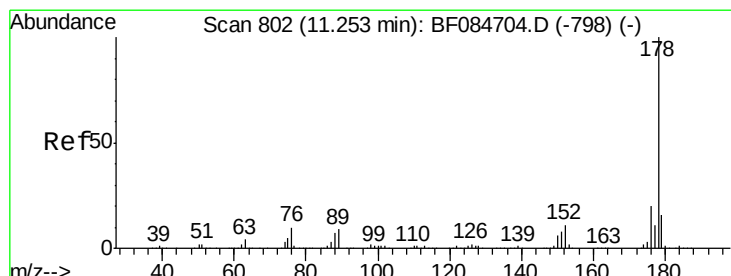
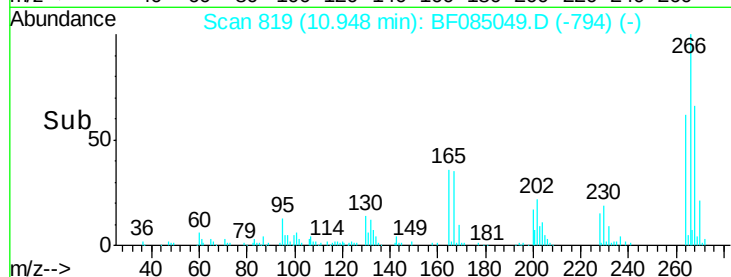
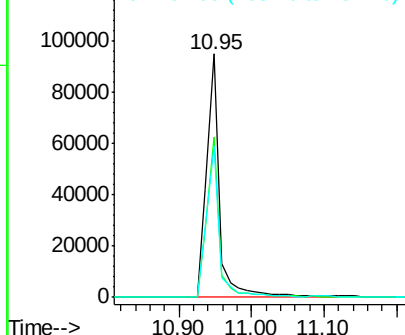
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	118284		
268	66.0	52.4	78.6	
264	62.1	50.2	75.2	

Manual Integrations
 APPROVED

Sohil
 2/12/2016 12:31:55 PM

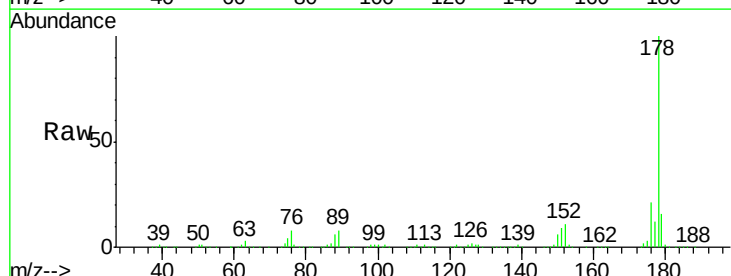


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

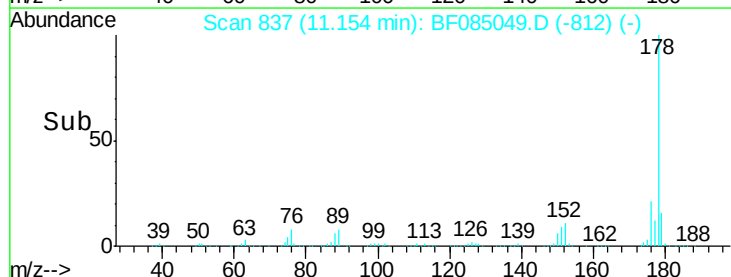
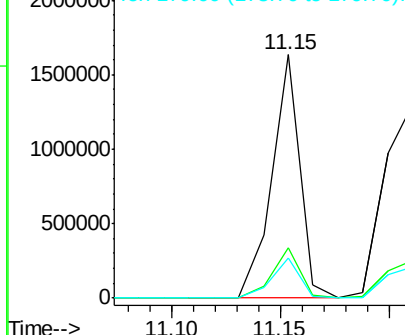


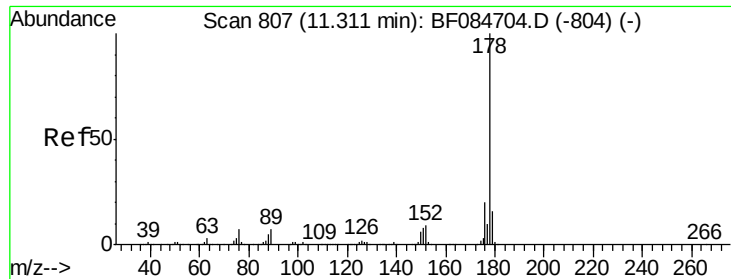
#70
 Phenanthrene
 Concen: 36.88 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1485312		
176	20.5	15.3	22.9	
179	16.3	12.0	18.0	



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





#71

Anthracene

Concen: 39.41 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:178 Resp: 1599518

Ion Ratio Lower Upper

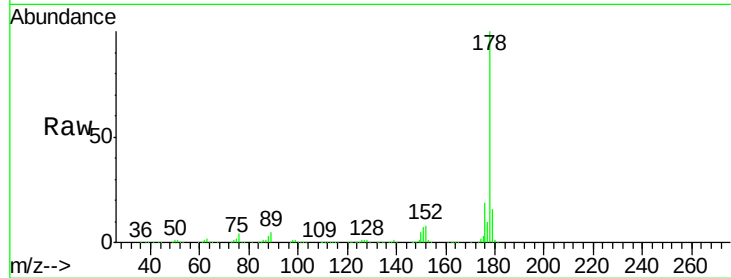
178 100

176 19.2 15.4 23.0

179 15.9 12.5 18.7

Manual Integrations
APPROVED

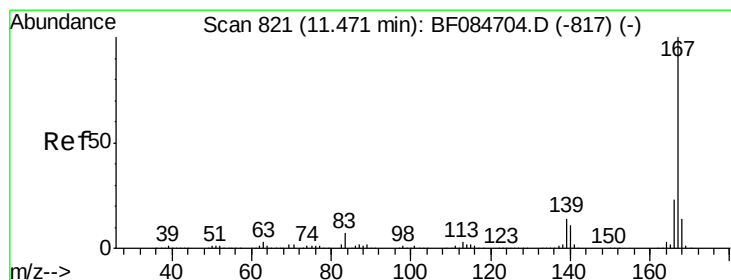
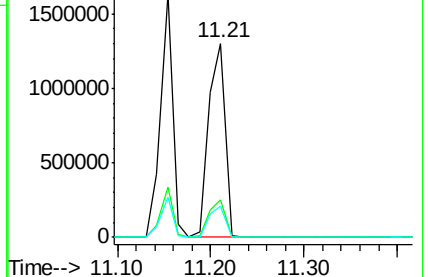
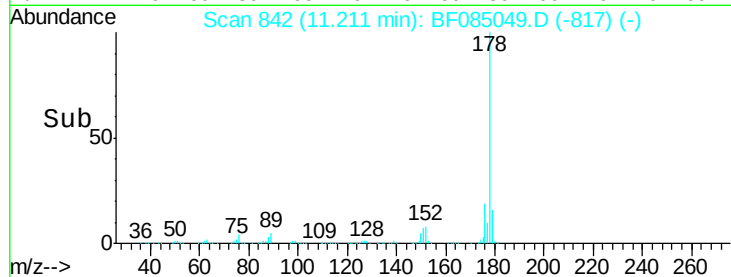
Sohil
2/12/2016 12:31:55 PM



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



#72

Carbazole

Concen: 40.65 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

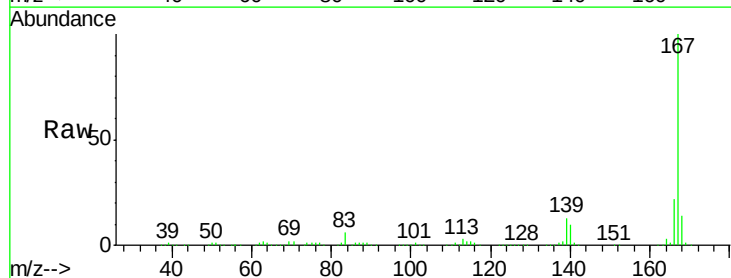
Tgt Ion:167 Resp: 1438459

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

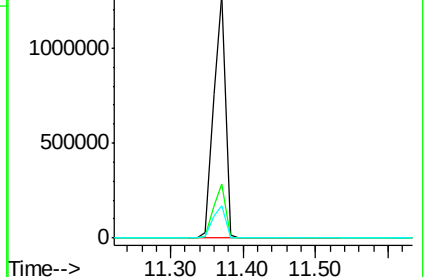
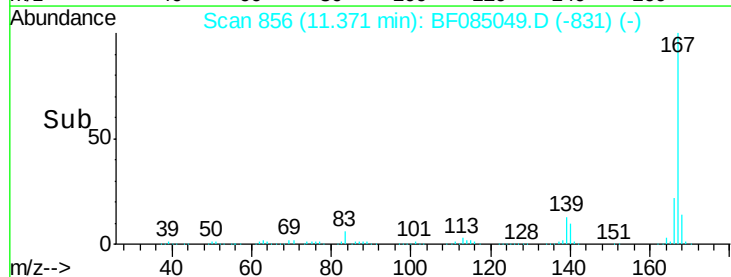
139 13.3 11.8 17.8

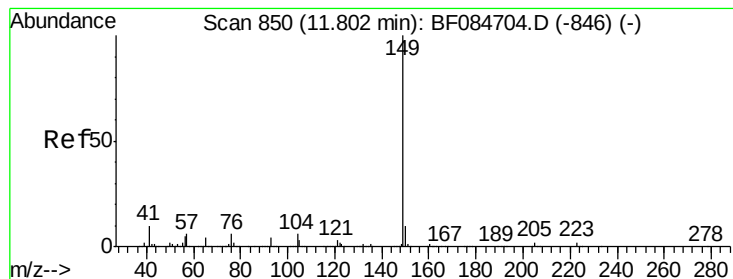


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.23 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

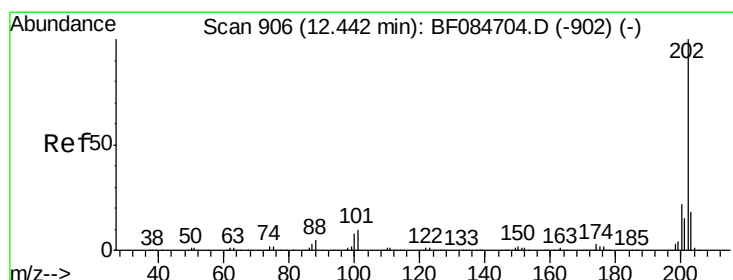
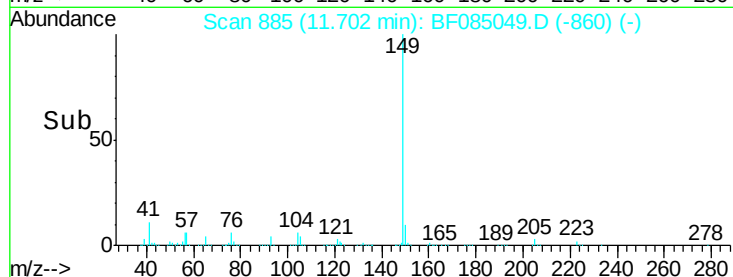
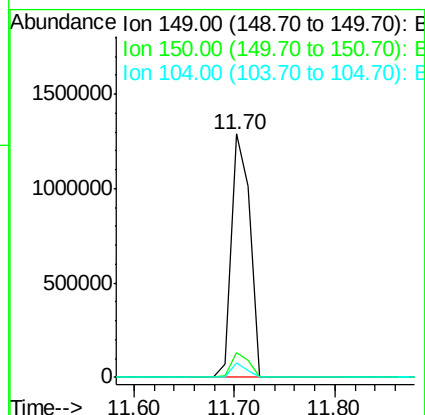
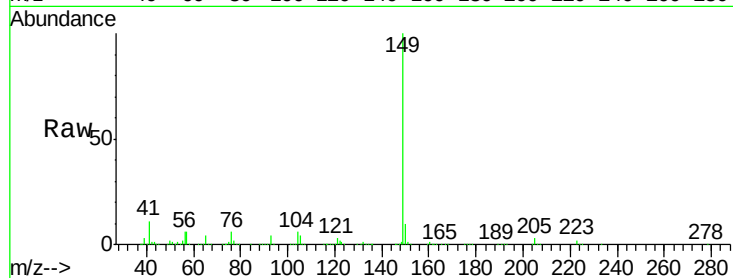
SSTDCCC040EC

Manual Integrations
APPROVED

Sohil

2/12/2016 12:31:55 PM

Tgt Ion:149 Resp: 1632240
Ion Ratio Lower Upper
149 100
150 10.1 7.1 10.7
104 6.1 3.2 4.8#



#74

Fluoranthene

Concen: 33.56 ng

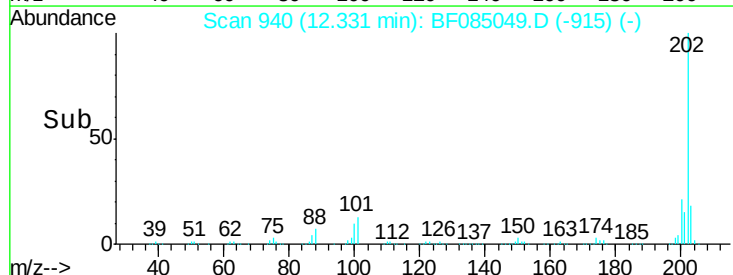
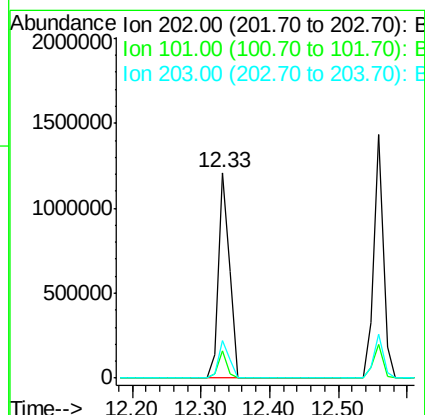
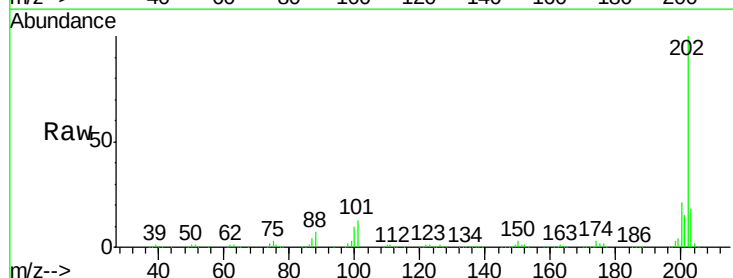
RT: 12.33 min Scan# 940

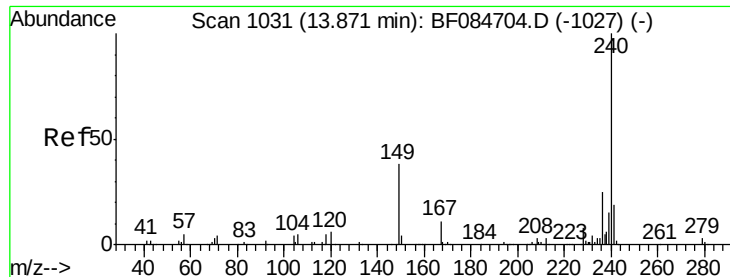
Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Tgt Ion:202 Resp: 1368130
Ion Ratio Lower Upper
202 100
101 13.1 0.0 32.8
203 18.3 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

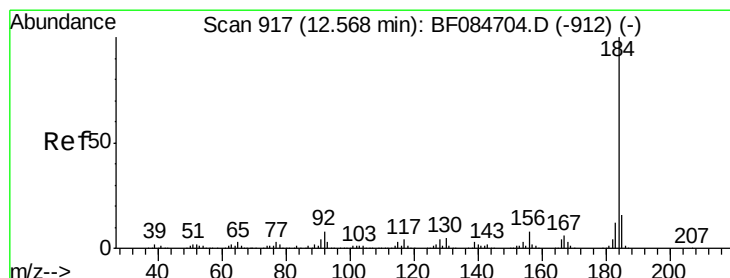
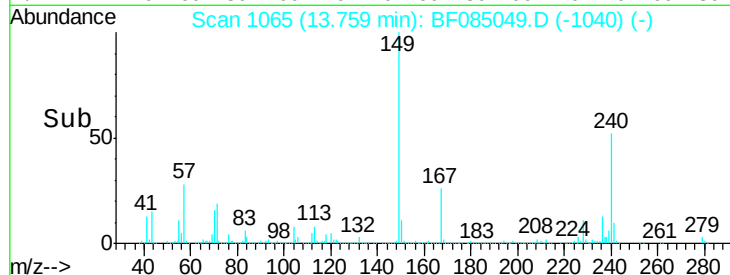
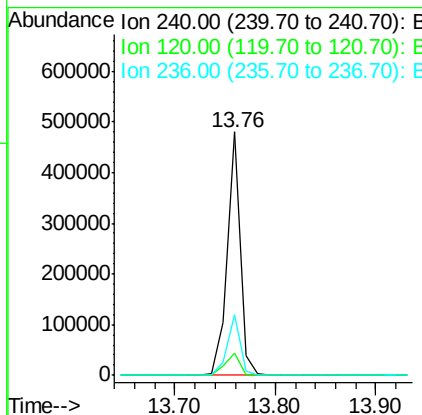
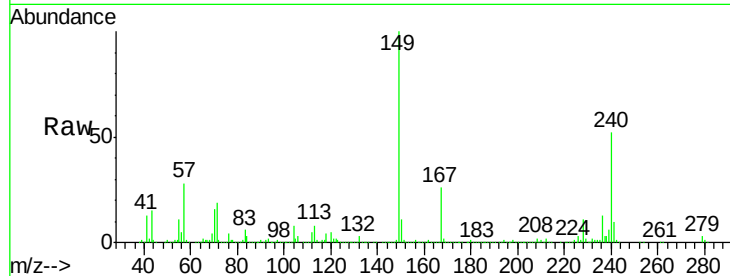
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	433391		
120	9.1	9.5	14.3#	
236	25.1	20.6	31.0	

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



#76

Benzidine

Concen: 45.34 ng

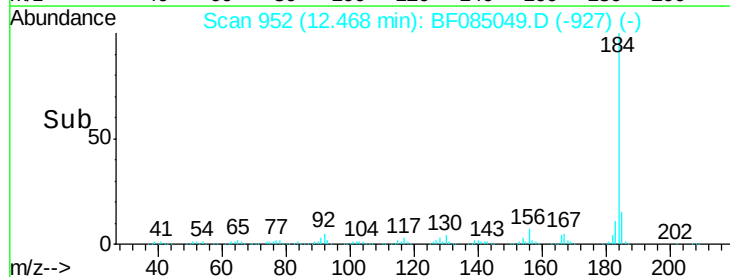
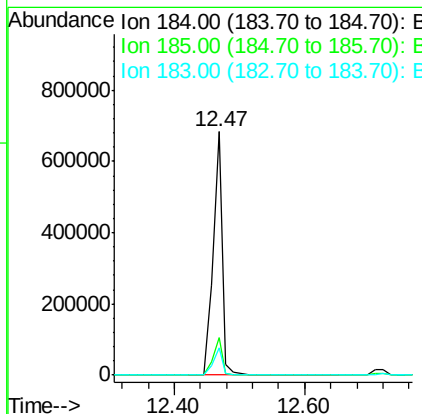
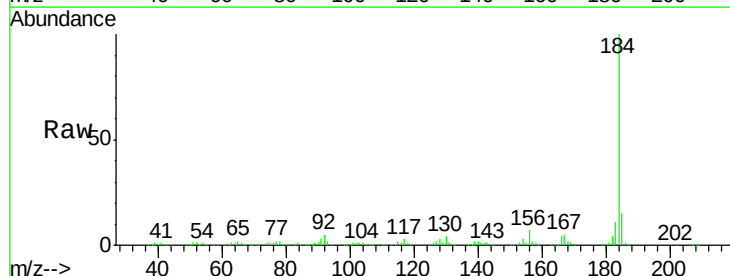
RT: 12.47 min Scan# 952

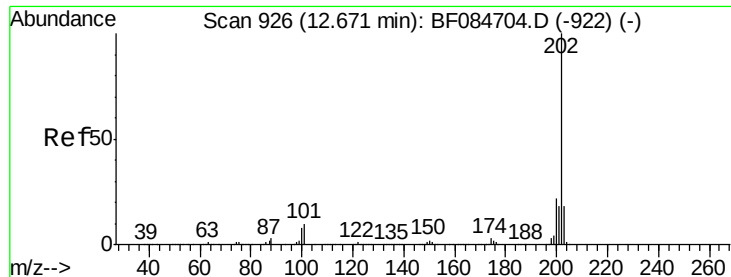
Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	678277		
185	15.3	12.2	18.2	
183	11.2	9.8	14.8	





#77

Pyrene

Concen: 40.48 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

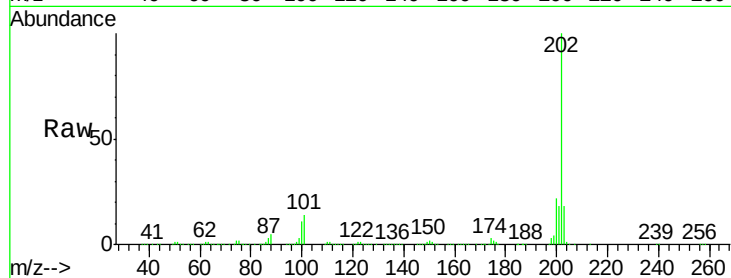
ClientSampleId :

SSTDCCC040EC

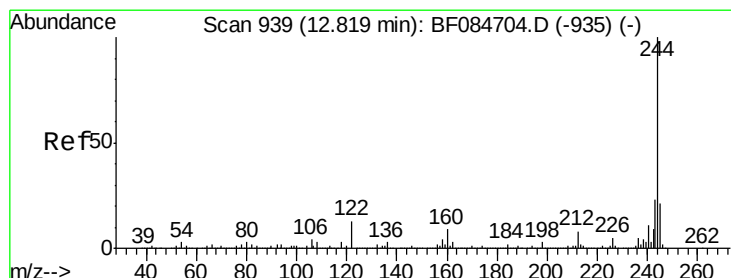
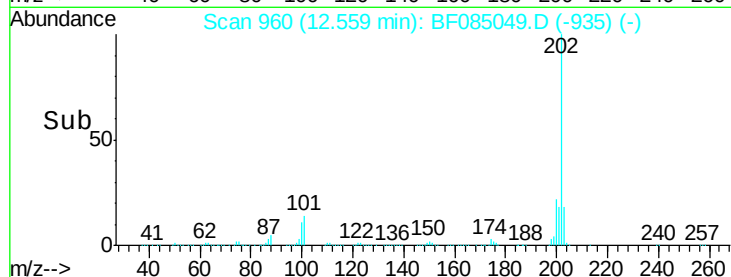
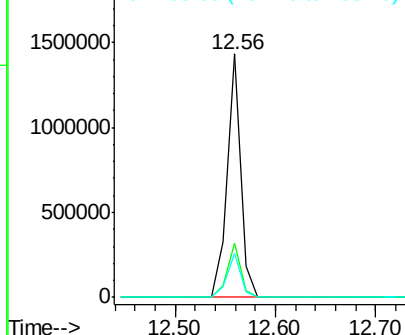
Tgt Ion:	202	Resp:	1343218
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.2	25.8
203	18.3	14.3	21.5

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



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



#78

Terphenyl-d14

Concen: 93.40 ng

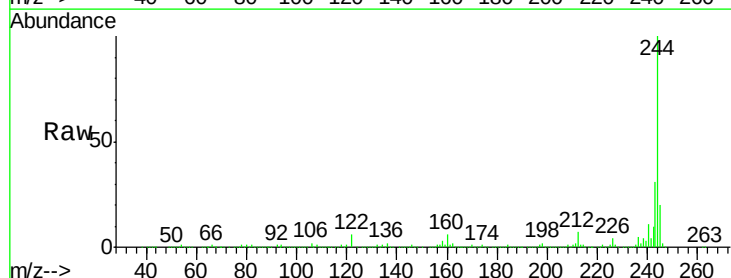
RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

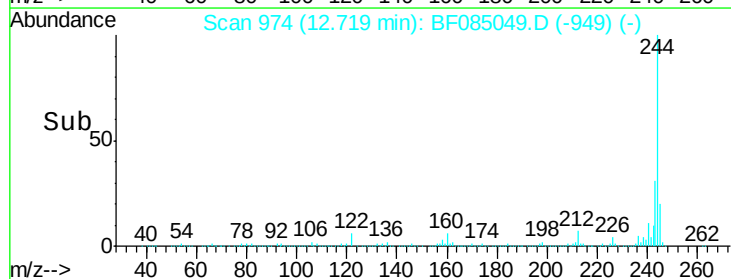
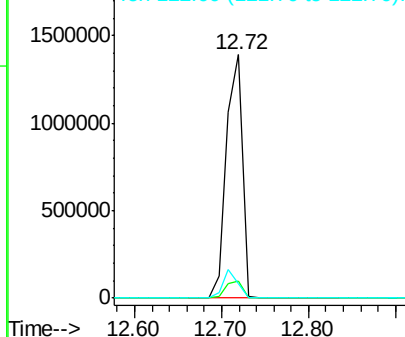
Lab File: BF085049.D

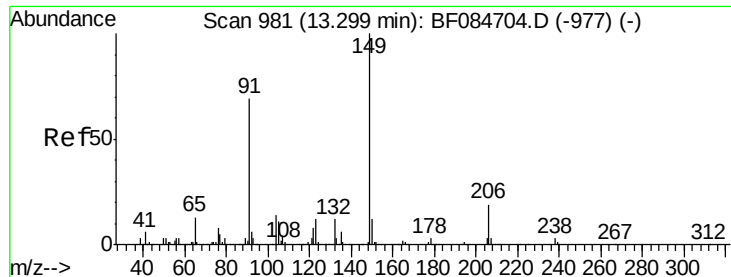
Acq: 12 Feb 2016 8:48

Tgt Ion:	244	Resp:	1786311
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	6.2	7.4	11.0#



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





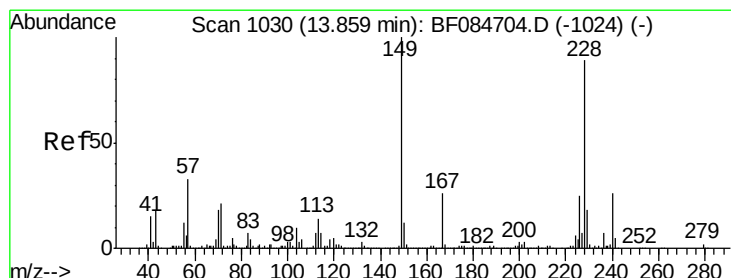
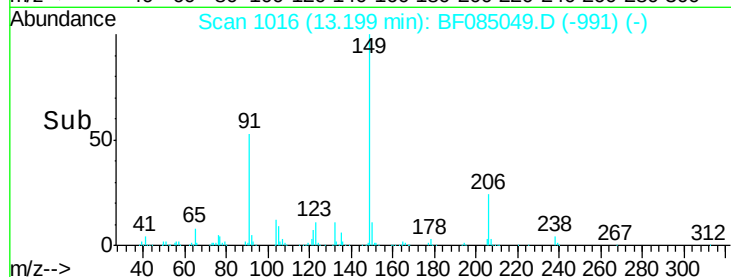
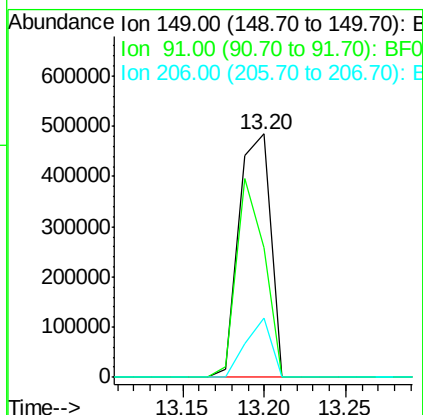
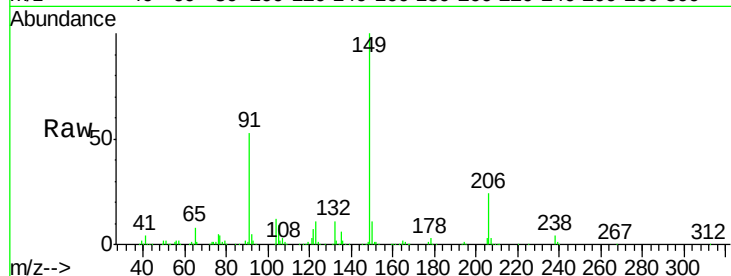
#79
Butylbenzylphthalate
Concen: 43.17 ng
RT: 13.20 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	649837		
91	53.2	57.6	86.4#	
206	24.2	13.2	19.8#	

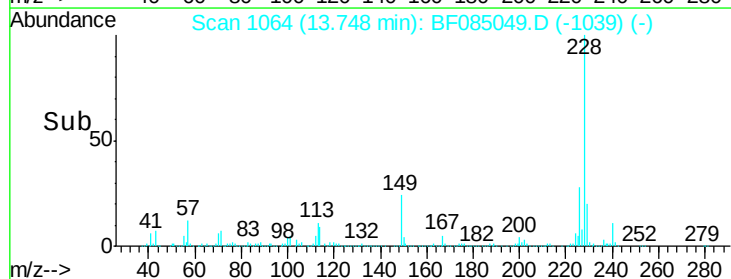
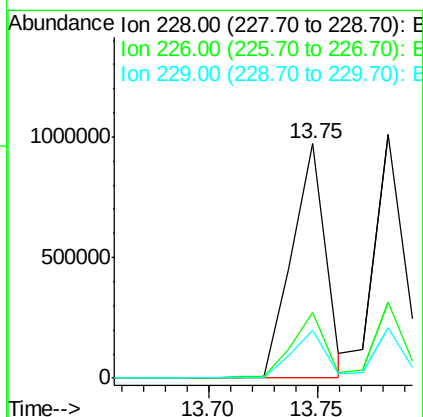
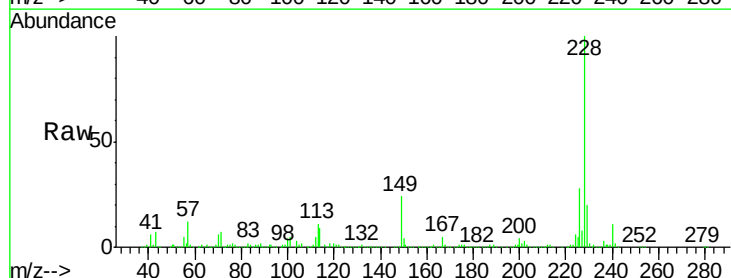
Manual Integrations
APPROVED

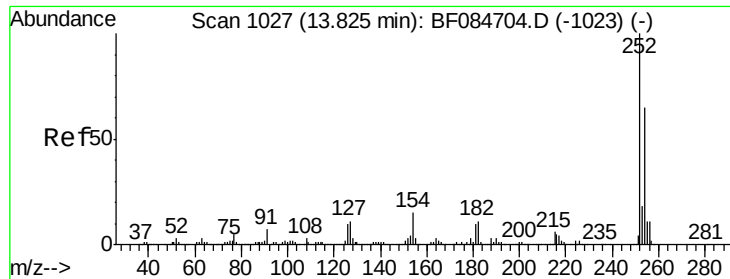
Sohil
2/12/2016 12:31:55 PM



#80
Benzo(a)anthracene
Concen: 39.02 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1049518		
226	27.9	21.8	32.6	
229	20.4	15.8	23.8	





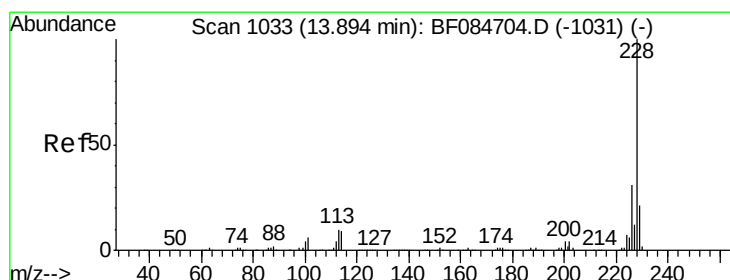
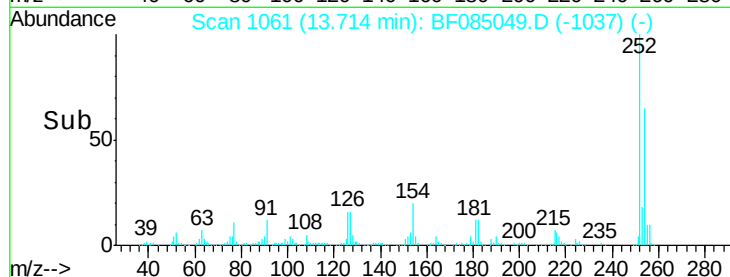
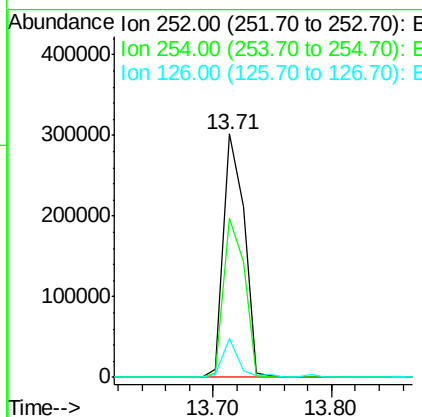
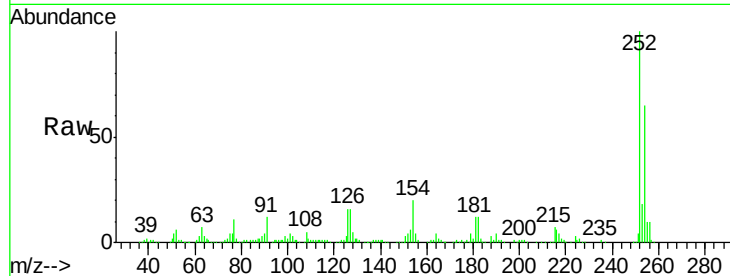
#81
 3,3'-Dichlorobenzidine
 Concen: 38.28 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.4	53.5	80.3
126	15.8	4.9	7.3

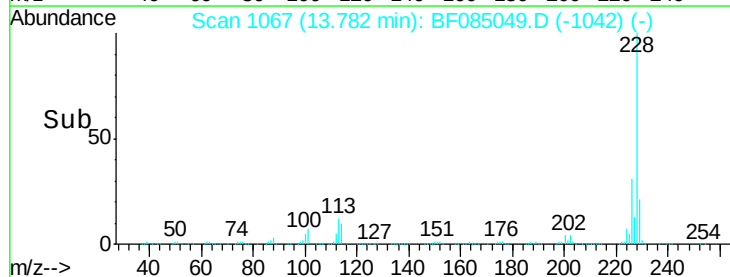
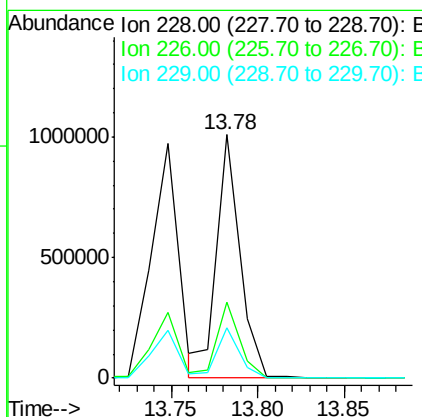
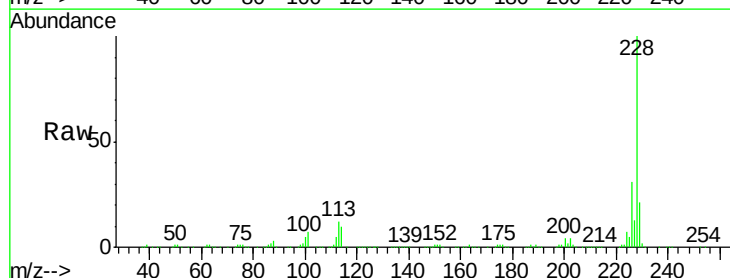
Manual Integrations
 APPROVED

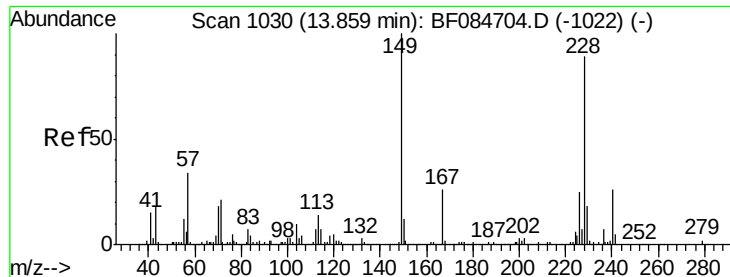
Sohil
 2/12/2016 12:31:55 PM



#82
 Chrysene
 Concen: 36.74 ng m
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	24.3	36.5
229	20.8	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.28 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085049.D

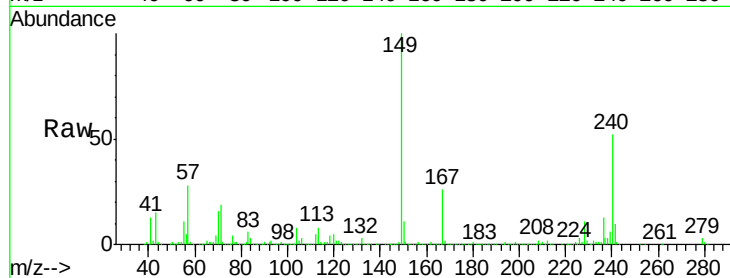
Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:149 Resp: 829377

Ion Ratio Lower Upper

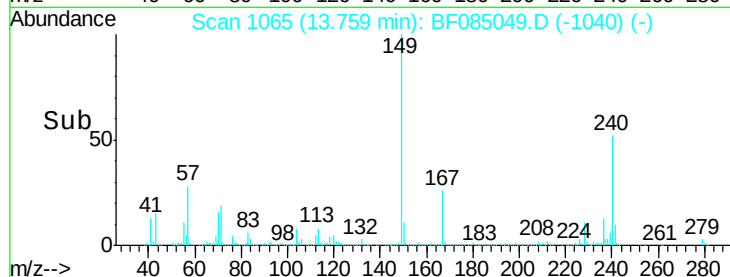
149 100

167 26.4 19.7 29.5

279 2.9 1.8 2.6#

Manual Integrations
APPROVED

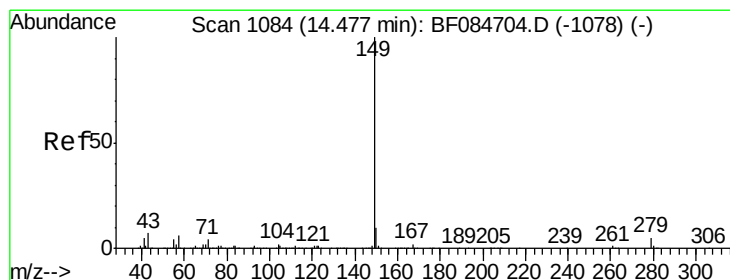
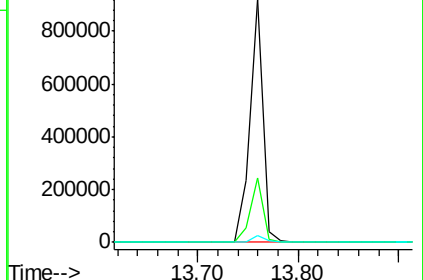
Sohil
2/12/2016 12:31:55 PM



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: 39.32 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

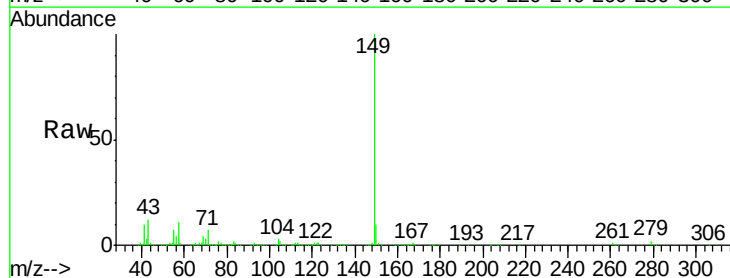
Tgt Ion:149 Resp: 1215215

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

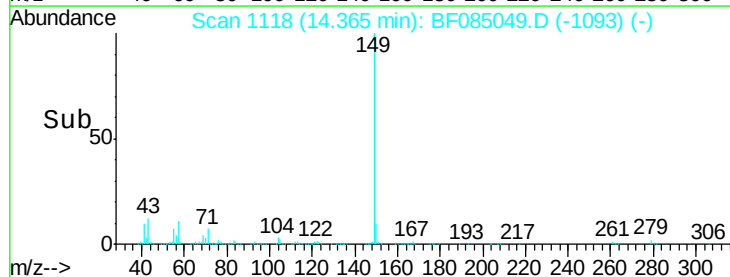
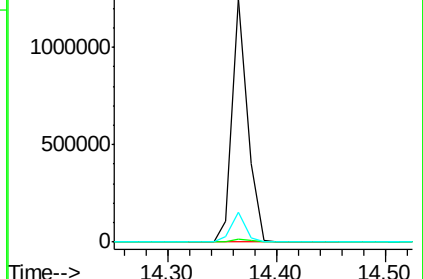
43 11.5 5.6 8.4#

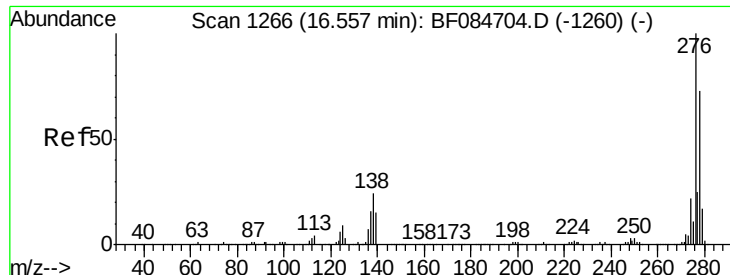


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





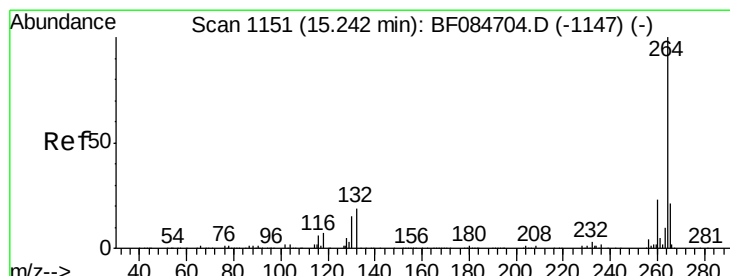
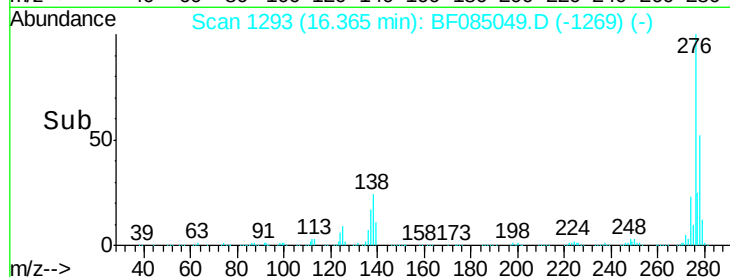
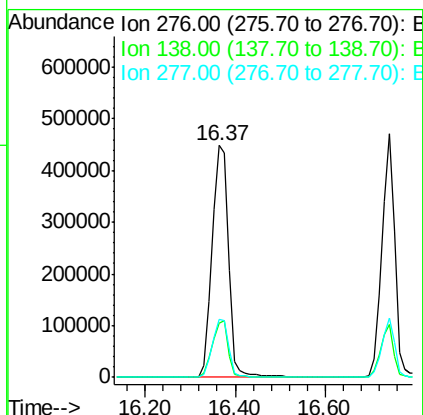
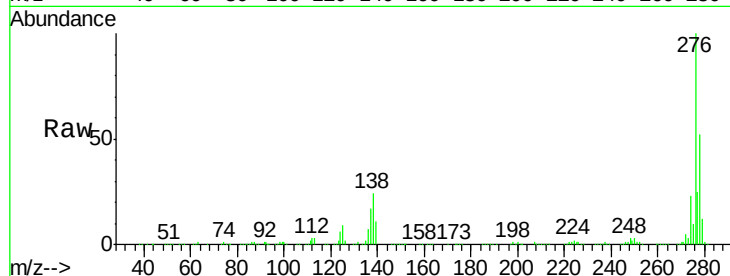
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.91 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.6	30.8
277	24.9	20.1	30.1

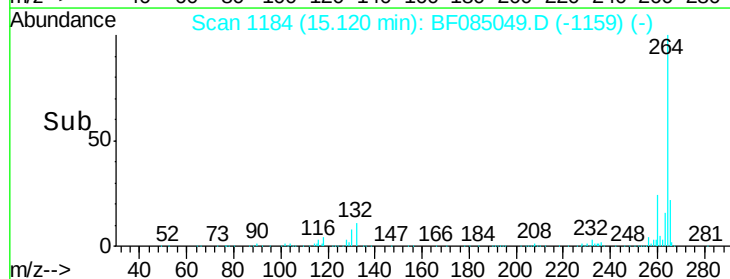
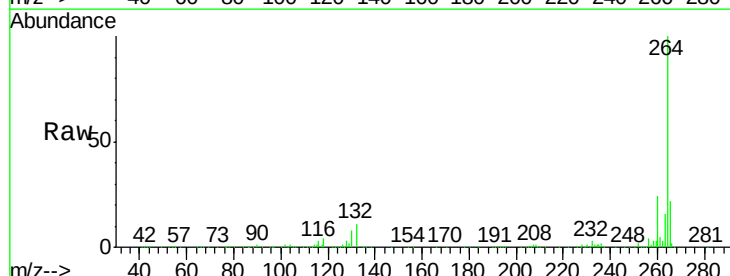
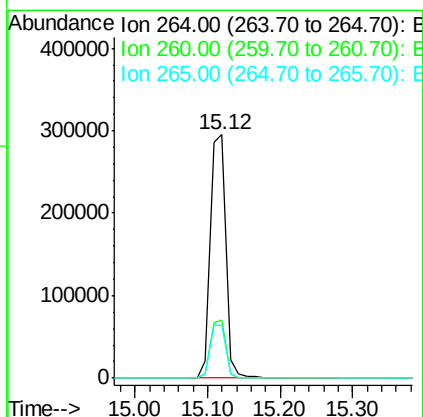
Manual Integrations
 APPROVED

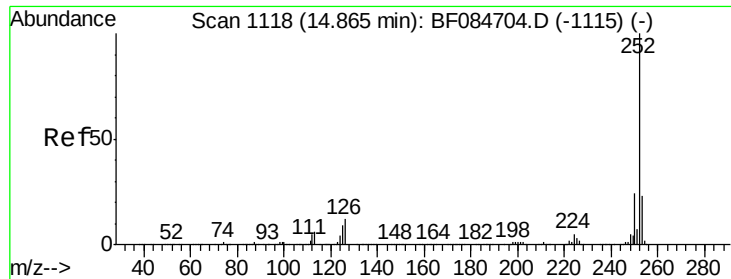
Sohil
 2/12/2016 12:31:55 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF085049.D
 Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.7	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 40.96 ng m

RT: 14.75 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

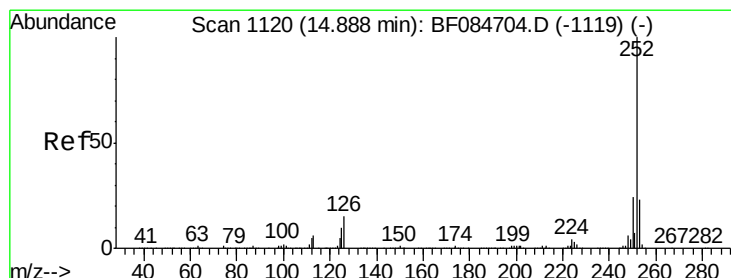
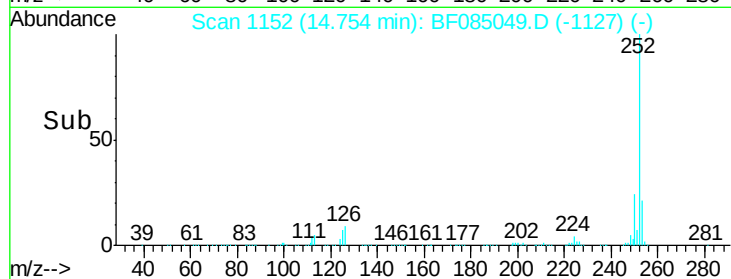
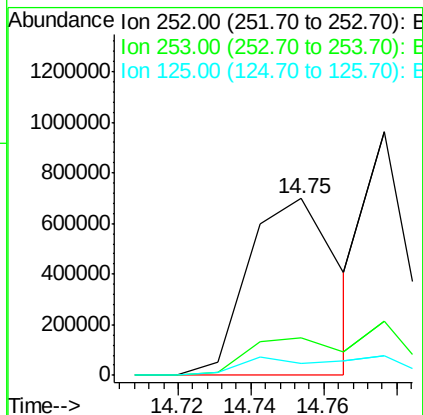
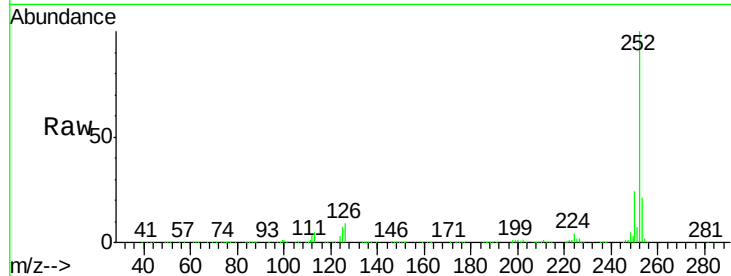
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	252	Resp:	1202553
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.3	25.9
125	6.5	6.5	9.7

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM



#88

Benzo(k)fluoranthene

Concen: 30.18 ng m

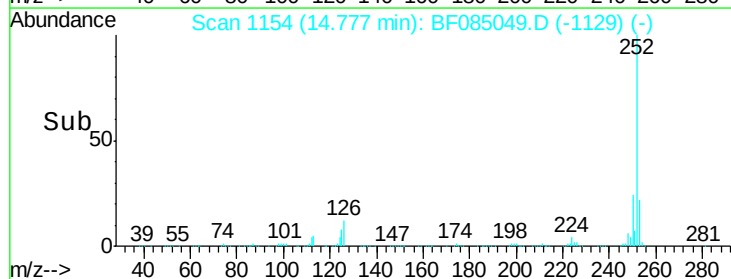
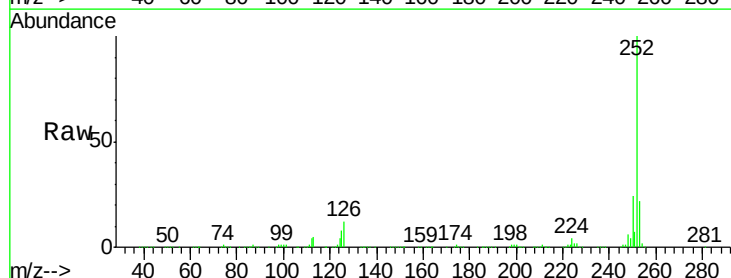
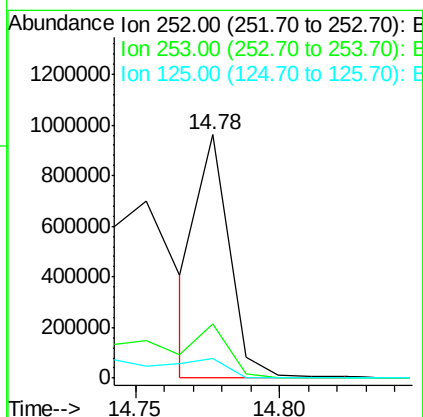
RT: 14.78 min Scan# 1154

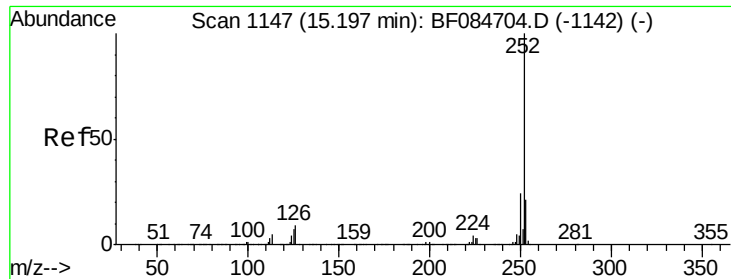
Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Tgt Ion:	252	Resp:	732635
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.1	27.1
125	8.1	9.0	13.6#





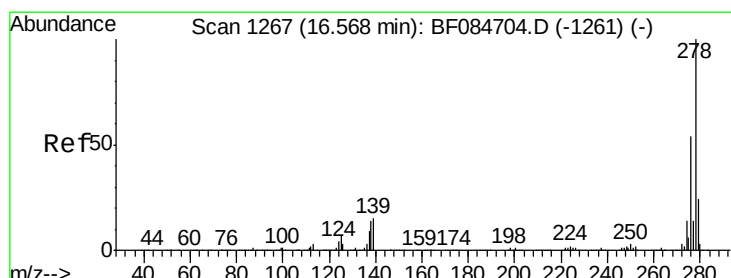
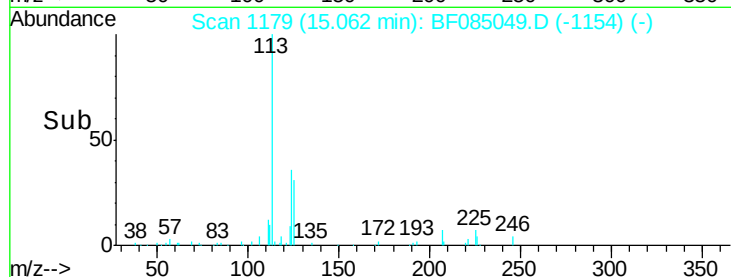
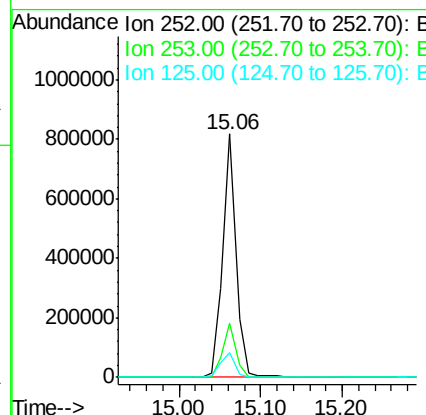
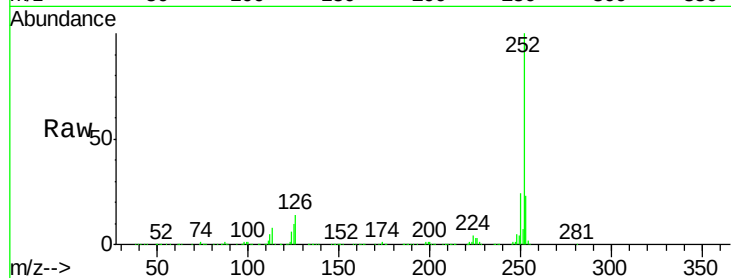
#89
Benzo(a)pyrene
Concen: 37.47 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	10.3	7.0	10.4

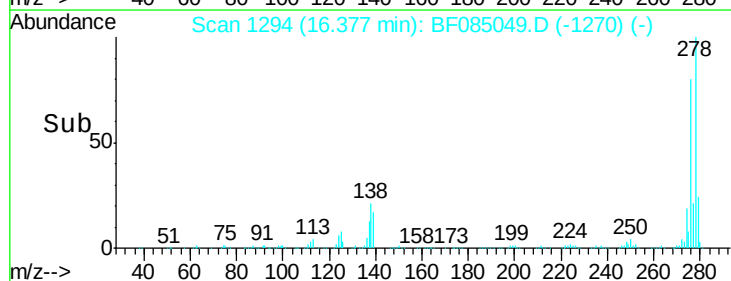
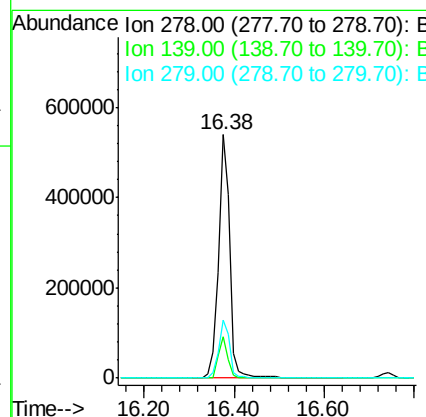
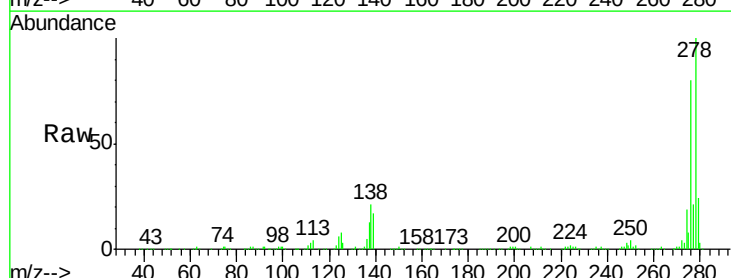
Manual Integrations
APPROVED

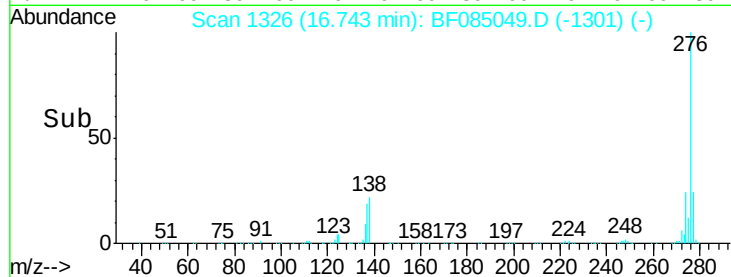
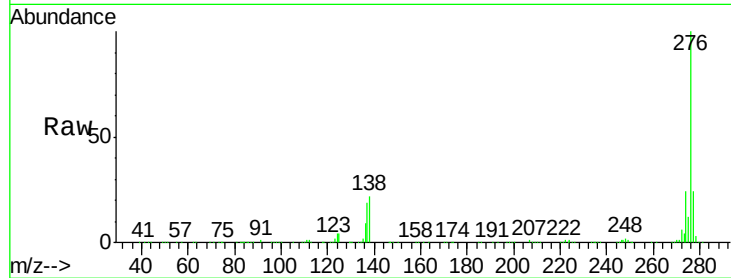
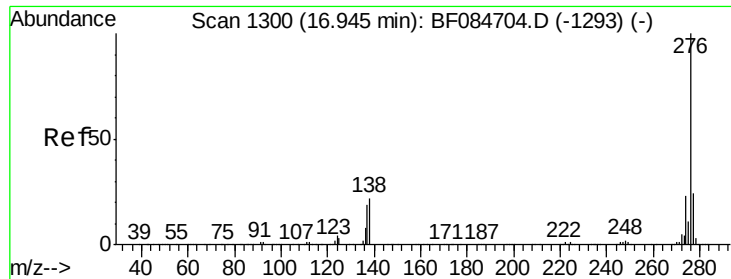
Sohil
2/12/2016 12:31:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.39 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF085049.D
Acq: 12 Feb 2016 8:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.0	22.4
279	23.9	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 44.88 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF085049.D

Acq: 12 Feb 2016 8:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	276	Resp:	951946
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.8	28.2
138	22.0	17.8	26.6

Manual Integrations
APPROVED

Sohil
2/12/2016 12:31:55 PM

