

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089934.D
 Acq On : 31 Aug 2016 5:01
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:51:59 AM

Quant Time: Aug 31 05:48:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 05:39:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	185003	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	747986	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	372124	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	739036	20.00	ng	0.00
75) Chrysene-d12	13.76	240	560804	20.00	ng	0.00
86) Perylene-d12	15.10	264	460162	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1233286	53.24	ng	0.00
7) Phenol-d6	6.28	99	1523318	53.65	ng	0.01
23) Nitrobenzene-d5	7.21	82	1411820	55.43	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	399735	56.55	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	2121817	46.98	ng	0.00
78) Terphenyl-d14	12.73	244	2480047	54.31	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	314618	57.99	ng	99
3) Pyridine	2.73	79	925717	64.21	ng	96
4) n-Nitrosodimethylamine	2.70	42	435484	60.32	ng	100
6) Aniline	6.31	93	1063205	55.12	ng	# 73
8) 2-Chlorophenol	6.42	128	669697	52.81	ng	91
9) Benzaldehyde	6.18	77	521551	56.73	ng	95
10) Phenol	6.30	94	787972	47.73	ng	99
11) bis(2-Chloroethyl)ether	6.39	93	730871	58.90	ng	95
12) 1,3-Dichlorobenzene	6.58	146	819952	57.60	ng	98
13) 1,4-Dichlorobenzene	6.66	146	823562m	56.87	ng	
14) 1,2-Dichlorobenzene	6.81	146	662798	51.65	ng	98
15) Benzyl Alcohol	6.79	79	492498	54.56	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1356558	56.78	ng	98
17) 2-Methylphenol	6.91	107	583049	57.84	ng	98
18) Hexachloroethane	7.15	117	271952	54.90	ng	96
19) n-Nitroso-di-n-propylamine	7.08	70	499757	53.43	ng	# 93
20) 3+4-Methylphenols	7.07	107	715361	58.84	ng	# 70
22) Acetophenone	7.06	105	871682	52.73	ng	# 97
24) Nitrobenzene	7.23	77	820106	60.92	ng	91
25) Isophorone	7.48	82	1484700	56.91	ng	97
26) 2-Nitrophenol	7.54	139	388646	59.99	ng	95
27) 2,4-Dimethylphenol	7.60	122	725050	59.04	ng	98
28) bis(2-Chloroethoxy)methane	7.69	93	807459	51.03	ng	99
29) 2,4-Dichlorophenol	7.79	162	638679	58.32	ng	91
30) 1,2,4-Trichlorobenzene	7.87	180	691790	58.49	ng	99
31) Naphthalene	7.95	128	2111901	56.79	ng	99
32) Benzoic acid	7.76	122	565976	70.47	ng	97
33) 4-Chloroaniline	8.00	127	774366	51.91	ng	97
34) Hexachlorobutadiene	8.08	225	388577	56.06	ng	97
35) Caprolactam	8.39	113	207040	60.85	ng	93
36) 4-Chloro-3-methylphenol	8.49	107	619704	54.95	ng	84
37) 2-Methylnaphthalene	8.64	142	1370270	56.05	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	608307	55.34	ng	98
40) Hexachlorocyclopentadiene	8.80	237	370288	65.75	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF083116\
 Data File : BF089934.D
 Acq On : 31 Aug 2016 5:01
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

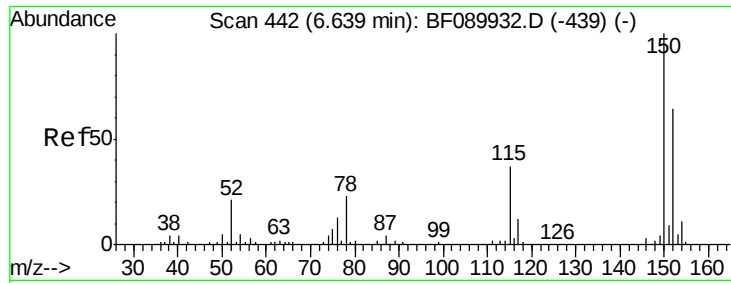
Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:51:59 AM

Quant Time: Aug 31 05:48:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 05:39:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	455832	60.45	ng	98
43) 2,4,5-Trichlorophenol	8.96	196	444115	59.61	ng	# 86
45) 1,1'-Biphenyl	9.11	154	1762537	57.57	ng	95
46) 2-Chloronaphthalene	9.12	162	1140978	53.84	ng	98
47) 2-Nitroaniline	9.22	65	466624	68.10	ng	# 85
48) Acenaphthylene	9.53	152	1834641	52.61	ng	100
49) Dimethylphthalate	9.42	163	1489896	57.55	ng	100
50) 2,6-Dinitrotoluene	9.47	165	402801	65.60	ng	# 66
51) Acenaphthene	9.70	154	1244322	55.31	ng	100
52) 3-Nitroaniline	9.63	138	402574	62.02	ng	92
53) 2,4-Dinitrophenol	9.74	184	215243	86.49	ng	# 74
54) Dibenzofuran	9.87	168	1505144	51.54	ng	97
55) 4-Nitrophenol	9.79	139	290240	55.75	ng	# 60
56) 2,4-Dinitrotoluene	9.86	165	429215	56.01	ng	# 82
57) Fluorene	10.22	166	1115429	49.90	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	388532	62.33	ng	94
59) Diethylphthalate	10.11	149	1519406	58.06	ng	96
60) 4-Chlorophenyl-phenylether	10.22	204	567658	53.34	ng	# 90
61) 4-Nitroaniline	10.25	138	432816	66.72	ng	99
62) Azobenzene	10.38	77	1501632	59.35	ng	88
64) 4,6-Dinitro-2-methylphenol	10.27	198	304514	67.89	ng	81
65) n-Nitrosodiphenylamine	10.33	169	1213830	53.72	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	389378	52.30	ng	94
67) Hexachlorobenzene	10.77	284	491515	56.76	ng	# 71
68) Atrazine	10.87	200	411190	57.45	ng	97
69) Pentachlorophenol	10.95	266	281616	62.87	ng	98
70) Phenanthrene	11.17	178	1759851	49.00	ng	99
71) Anthracene	11.22	178	2175160	57.50	ng	99
72) Carbazole	11.37	167	1739990	50.32	ng	99
73) Di-n-butylphthalate	11.73	149	2387366	56.88	ng	99
74) Fluoranthene	12.34	202	2020845	53.03	ng	96
76) Benzidine	12.47	184	1132945	54.69	ng	97
77) Pyrene	12.57	202	2261753	57.90	ng	99
79) Butylbenzylphthalate	13.20	149	872097	56.45	ng	96
80) Benzo(a)anthracene	13.75	228	1938230	57.43	ng	99
81) 3,3'-Dichlorobenzidine	13.73	252	782891	64.12	ng	# 95
82) Chrysene	13.78	228	1473639	49.15	ng	100
83) Bis(2-ethylhexyl)phthalate	13.77	149	1269051	57.85	ng	98
84) Di-n-octyl phthalate	14.38	149	2176319	62.48	ng	99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1359168	59.15	ng	100
87) Benzo(b)fluoranthene	14.74	252	1702624m	59.60	ng	
88) Benzo(k)fluoranthene	14.77	252	1249187m	51.70	ng	
89) Benzo(a)pyrene	15.05	252	1418834	58.31	ng	# 98
90) Dibenzo(a,h)anthracene	16.35	278	1110178	59.93	ng	97
91) Benzo(g,h,i)perylene	16.70	276	1132730	61.12	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

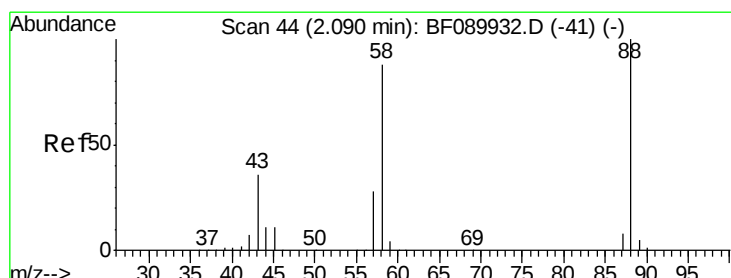
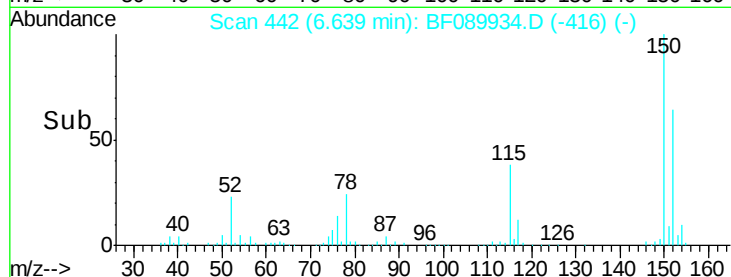
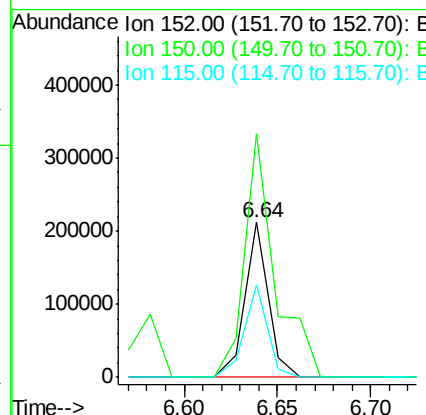
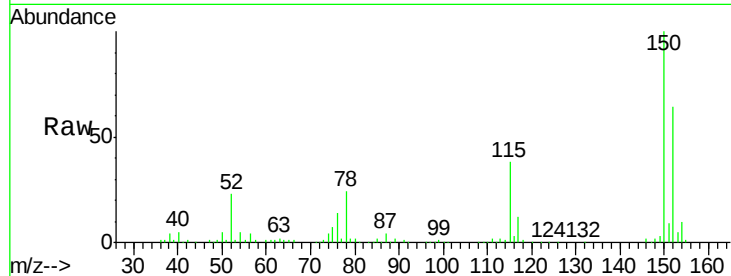
ClientSampleId :

SSTDIC060

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.4	191.2
115	59.5	46.3	69.5

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM



#2

1,4-Dioxane

Concen: 57.99 ng

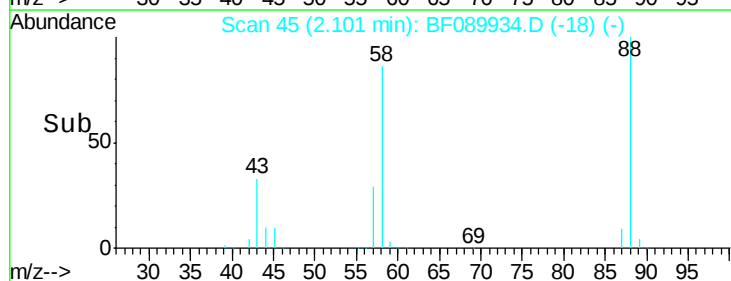
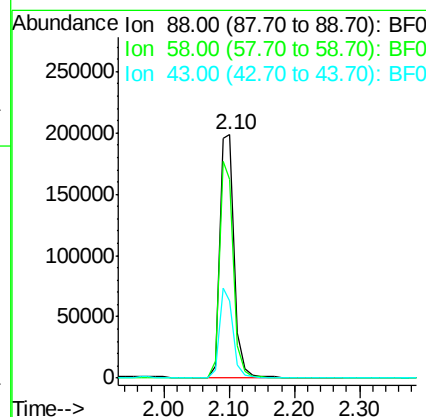
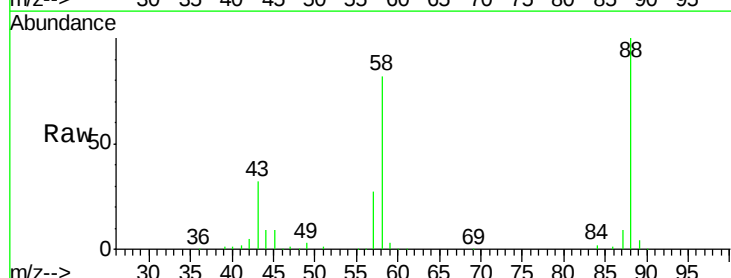
RT: 2.10 min Scan# 45

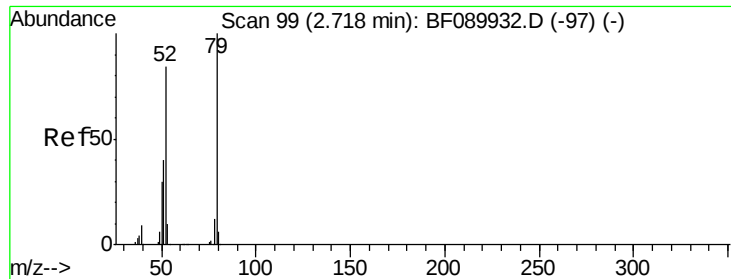
Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	68.8	103.2
43	34.4	27.0	40.6





#3

Pyridine

Concen: 64.21 ng

RT: 2.73 min Scan# 100

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

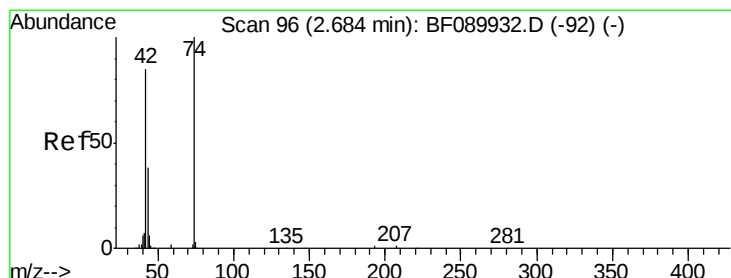
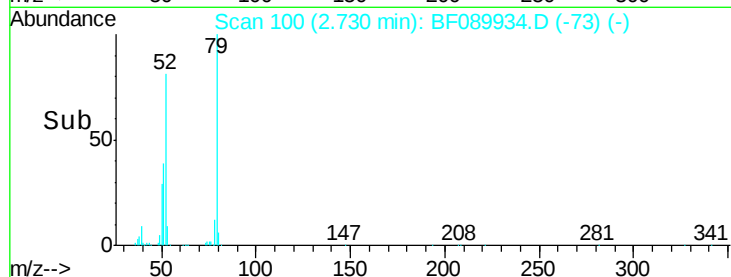
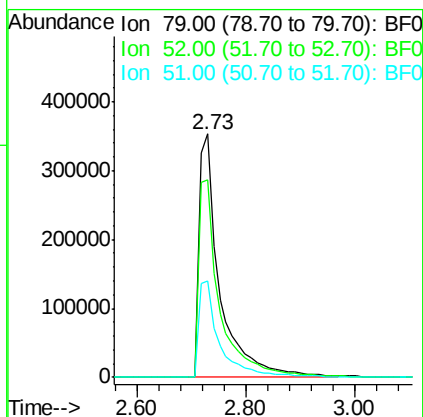
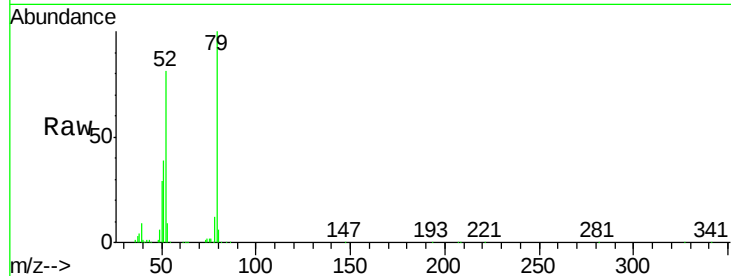
ClientSampleId :

SSTDIC060

Tgt Ion:	79	Resp:	925717
Ion Ratio	Lower	Upper	
79	100		
52	81.1	67.8	101.6
51	39.4	32.9	49.3

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM



#4

n-Nitrosodimethylamine

Concen: 60.32 ng

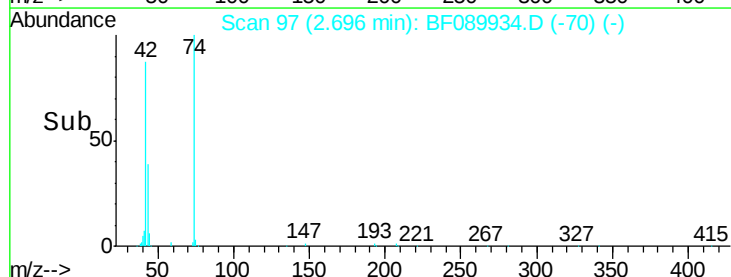
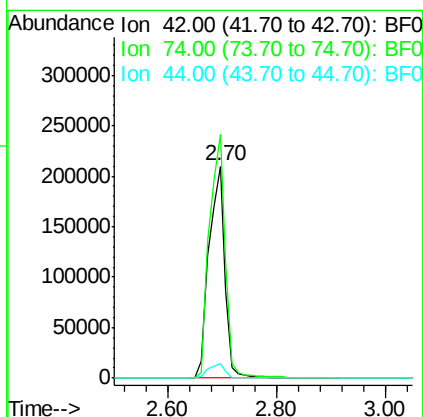
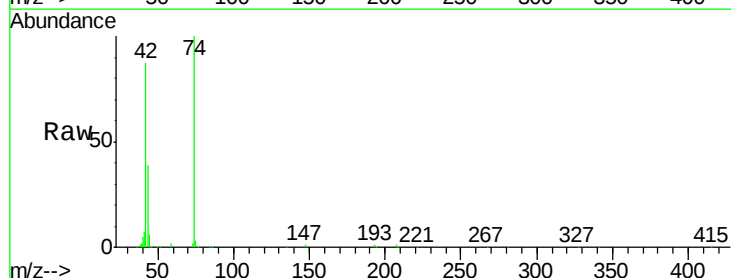
RT: 2.70 min Scan# 97

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Tgt Ion:	42	Resp:	435484
Ion Ratio	Lower	Upper	
42	100		
74	114.8	92.0	138.0
44	7.0	5.8	8.8





#5

2-Fluorophenol

Concen: 53.24 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 112 Resp: 1233286

Ion Ratio Lower Upper

112 100

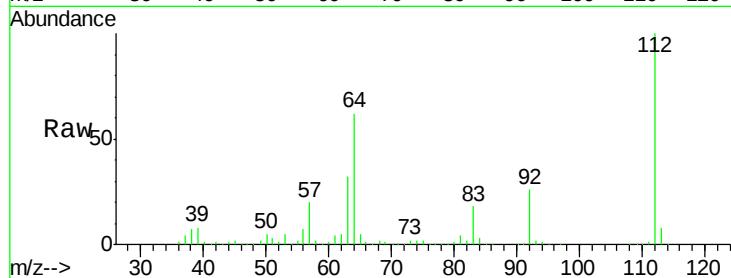
64 61.8 41.1 61.7#

63 32.3 21.2 31.8#

Manual Integrations
APPROVED

SOHIL

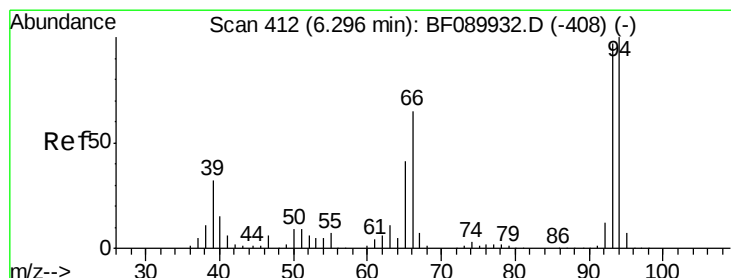
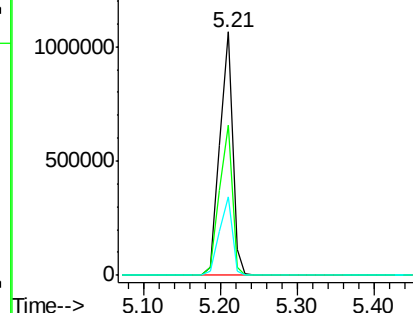
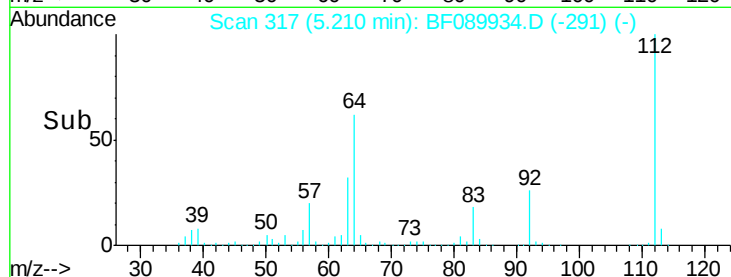
9/1/2016 11:51:59 AM



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: 55.12 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

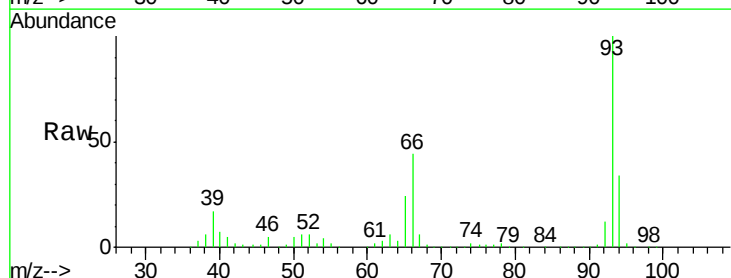
Tgt Ion: 93 Resp: 1063205

Ion Ratio Lower Upper

93 100

66 44.4 52.9 79.3#

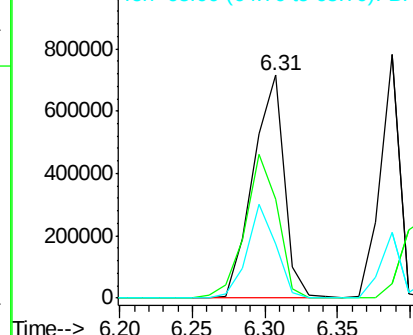
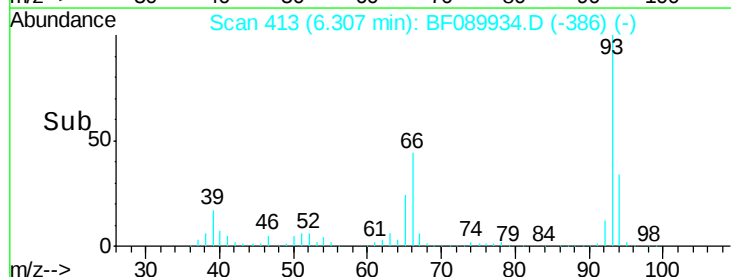
65 24.5 33.0 49.6#

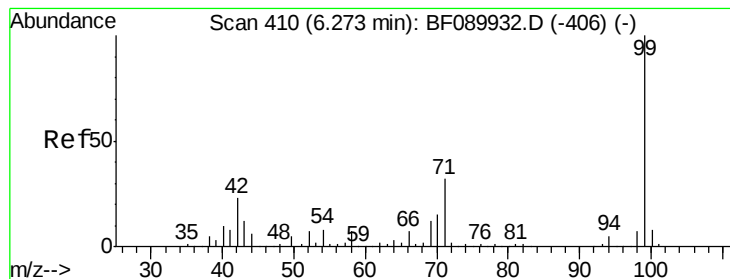


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 53.65 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1523318

Ion Ratio Lower Upper

99 100

42 23.2 18.6 27.8

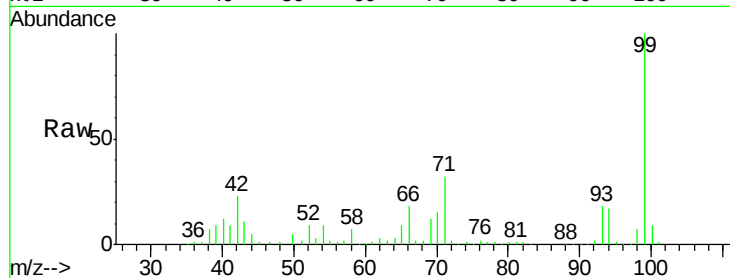
71 31.9 25.8 38.6

Manual Integrations

APPROVED

SOHIL

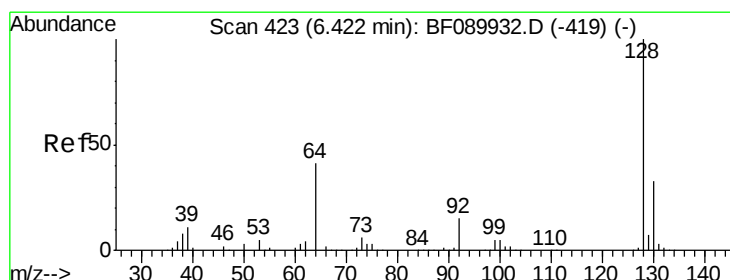
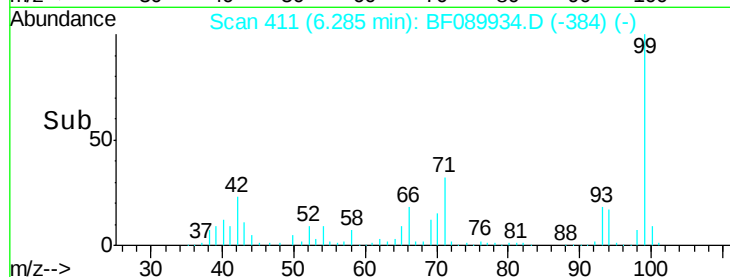
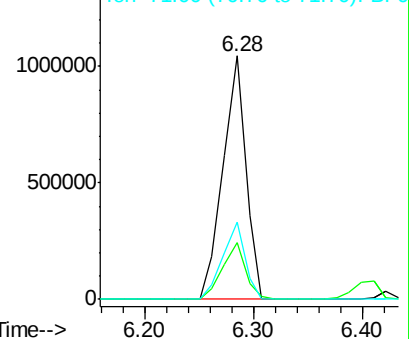
9/1/2016 11:51:59 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 52.81 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

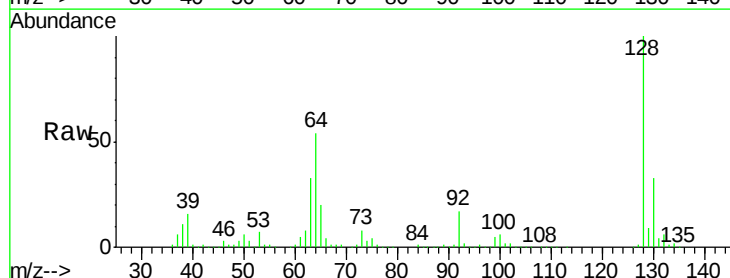
Tgt Ion: 128 Resp: 669697

Ion Ratio Lower Upper

128 100

130 32.9 12.8 52.8

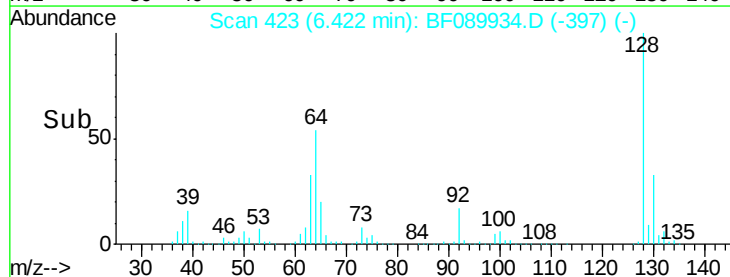
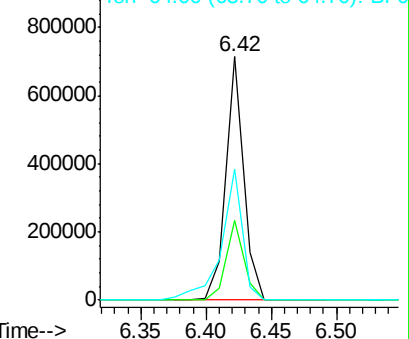
64 53.6 23.2 63.2

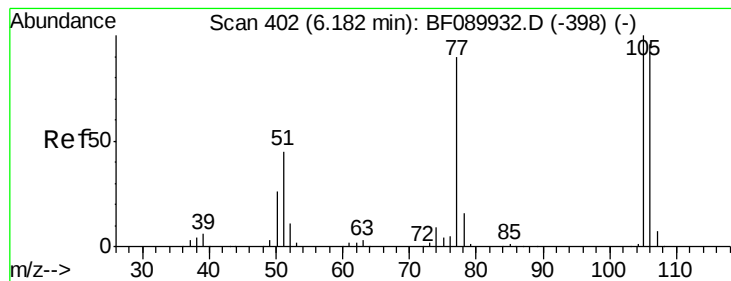


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 56.73 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

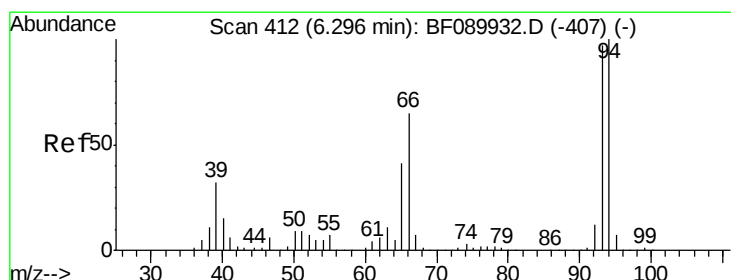
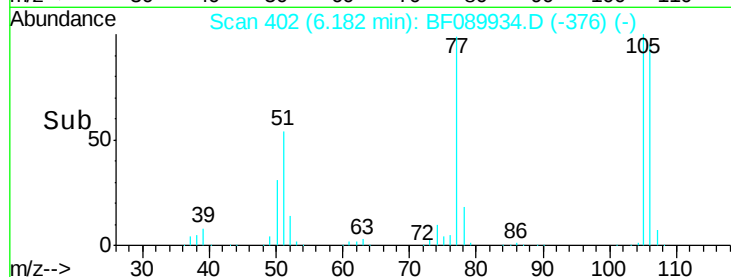
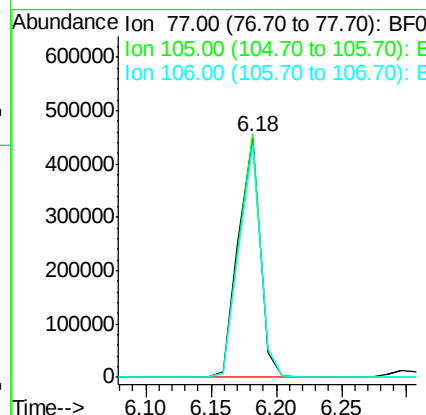
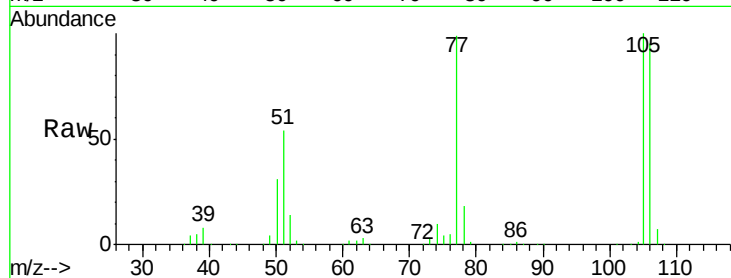
ClientSampleId :

SSTDIC060

Tgt Ion:	77	Resp:	521551
Ion	Ratio	Lower	Upper
77	100		
105	101.4	85.4	125.4
106	96.8	83.4	123.4

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM



#10

Phenol

Concen: 47.73 ng

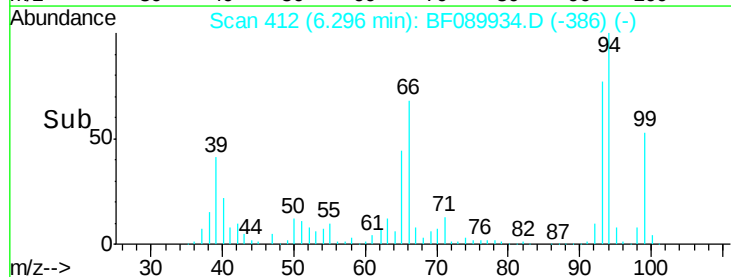
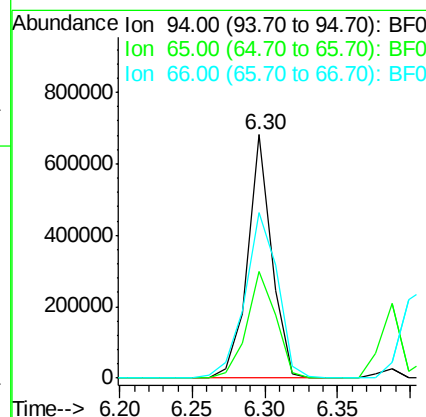
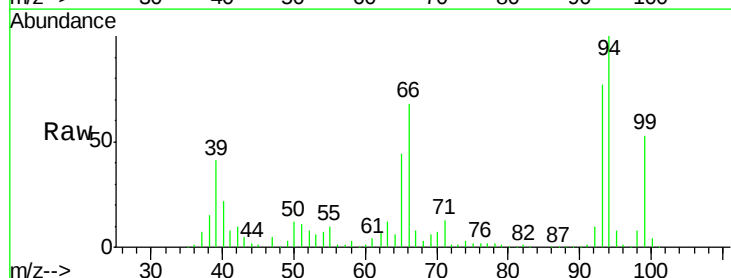
RT: 6.30 min Scan# 412

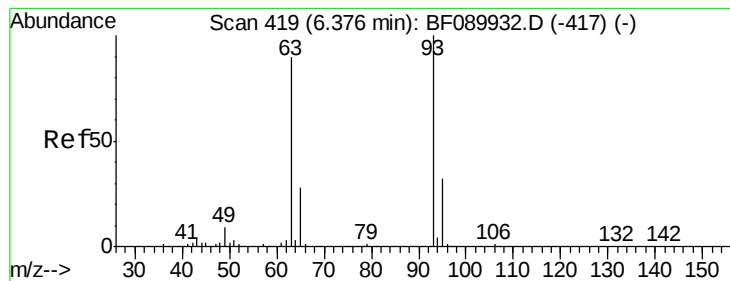
Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Tgt Ion:	94	Resp:	787972
Ion	Ratio	Lower	Upper
94	100		
65	44.0	23.2	63.2
66	68.0	49.2	89.2





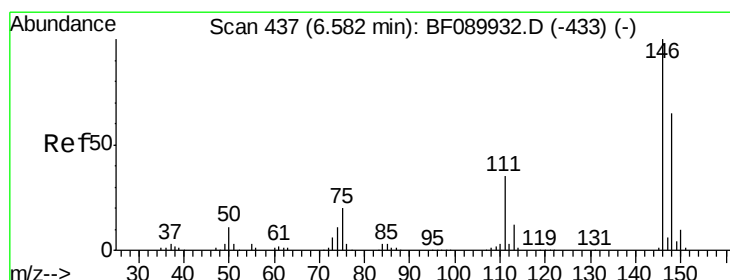
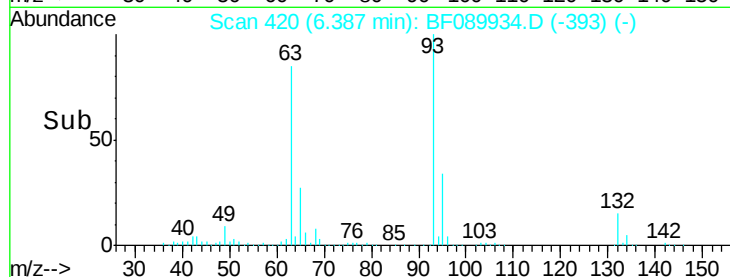
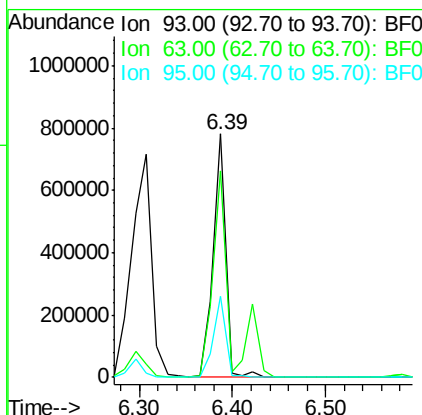
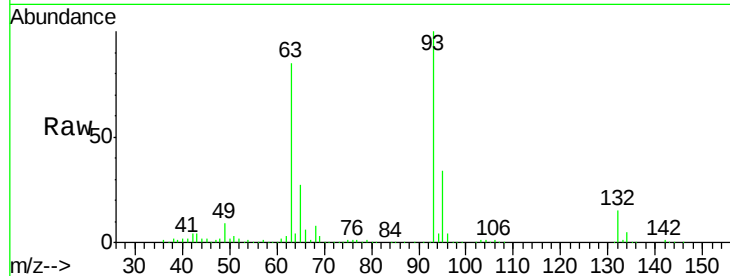
#11
bis(2-Chloroethyl)ether
Concen: 58.90 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.9	71.1	111.1
95	33.5	12.4	52.4

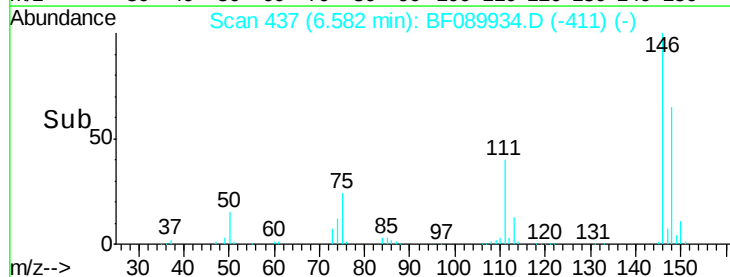
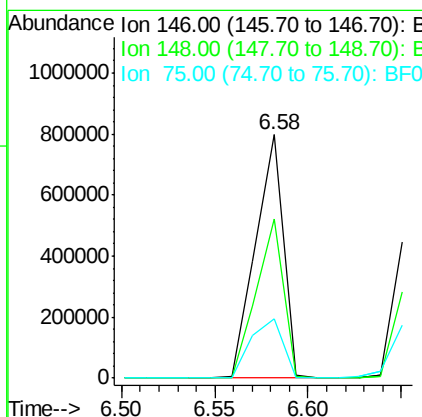
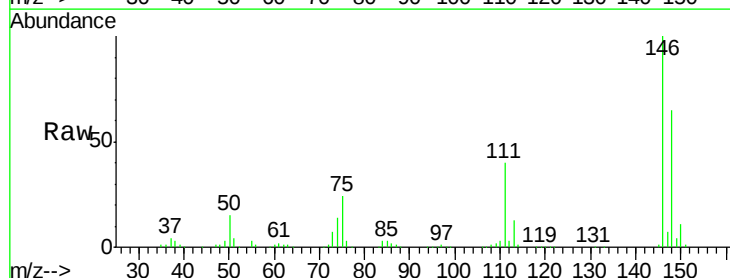
Manual Integrations
APPROVED

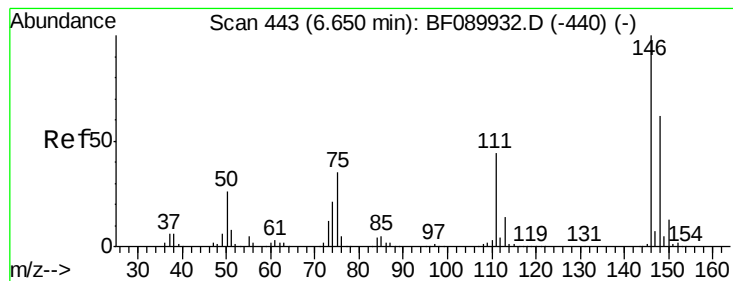
SOHIL
9/1/2016 11:51:59 AM



#12
1,3-Dichlorobenzene
Concen: 57.60 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.5	78.7
75	24.4	16.6	24.8





#13

1,4-Dichlorobenzene

Concen: 56.87 ng m

RT: 6.66 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

ClientSampled :

SSTDICC060

Tgt Ion:146 Resp: 823562
Ion Ratio Lower Upper

146 100

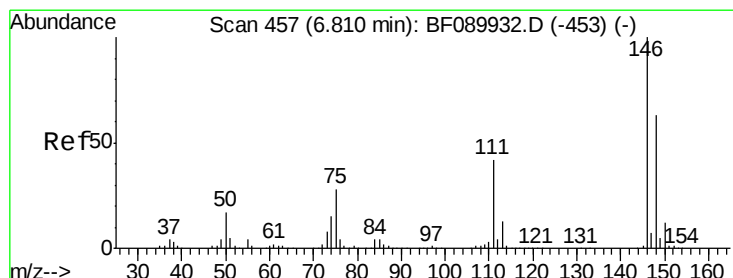
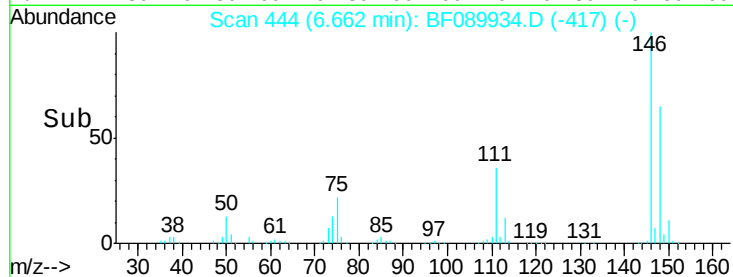
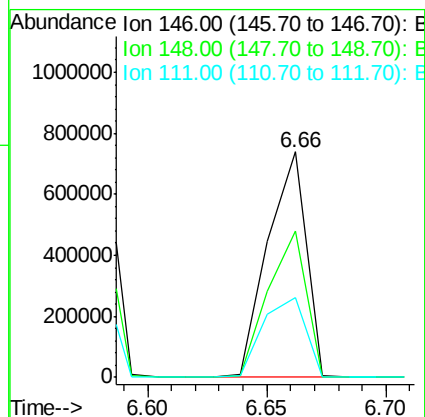
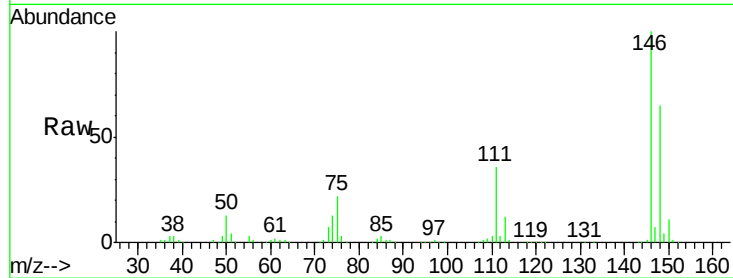
148 65.0 50.1 75.1

111 35.5 35.8 53.6#

Manual Integrations
APPROVED

SOHIL

9/1/2016 11:51:59 AM



#14

1,2-Dichlorobenzene

Concen: 51.65 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089934.D

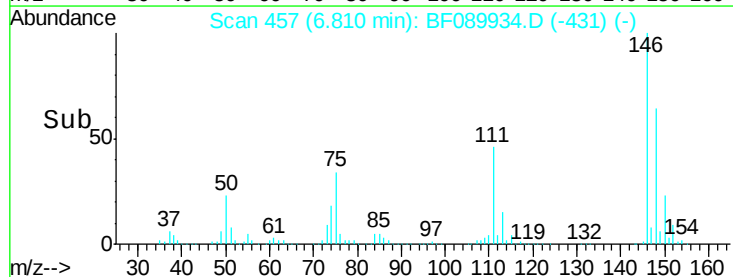
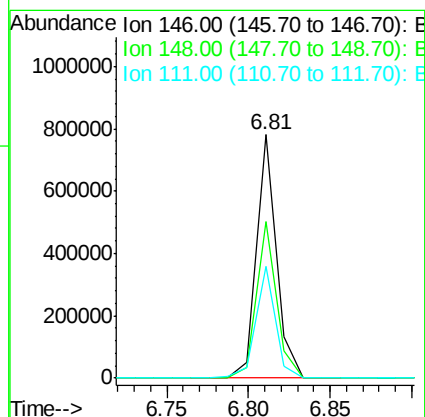
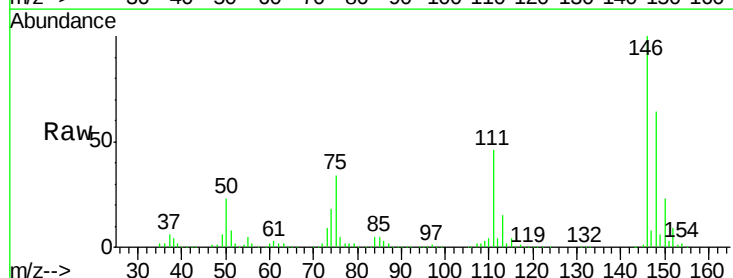
Acq: 31 Aug 2016 5:01

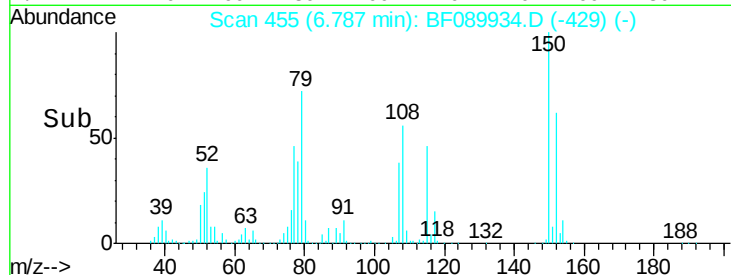
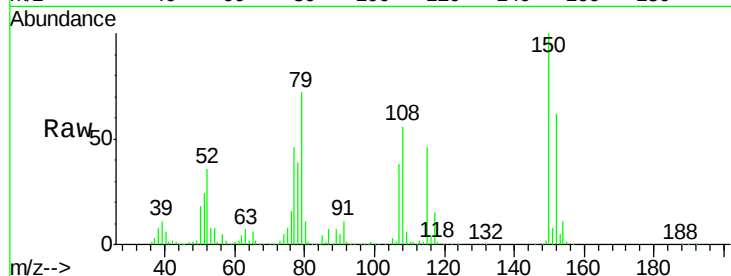
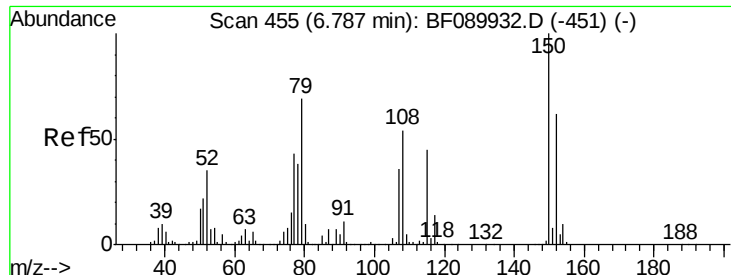
Tgt Ion:146 Resp: 662798
Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.2

111 45.9 34.6 51.8





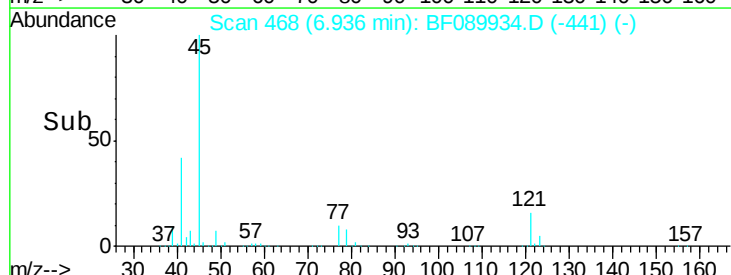
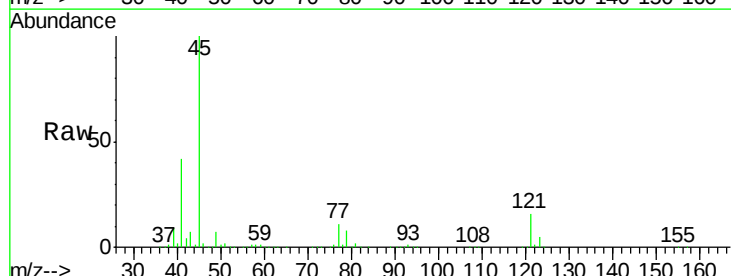
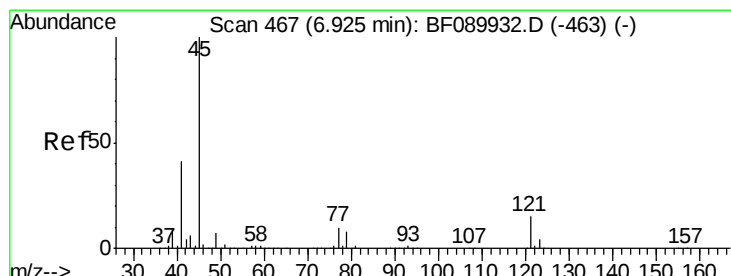
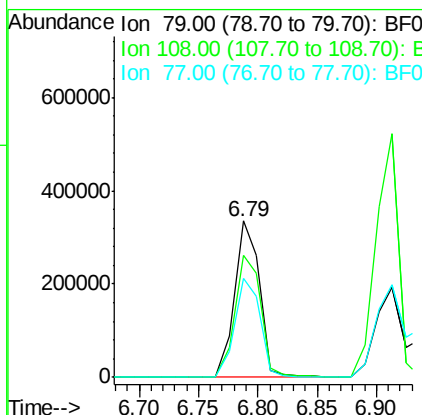
#15
Benzyl Alcohol
Concen: 54.56 ng
RT: 6.79 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.8	62.1	93.1
77	62.9	50.1	75.1

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

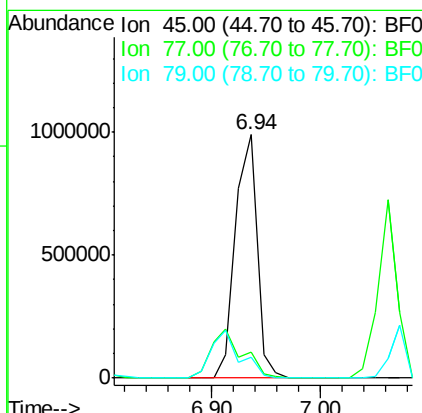
Manual Integrations
APPROVED

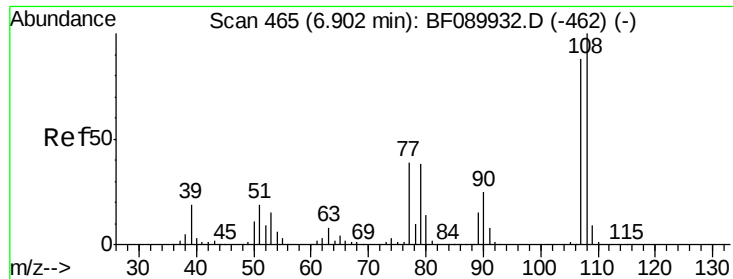
SOHIL
9/1/2016 11:51:59 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.78 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	30.3
79	8.4	0.0	27.5





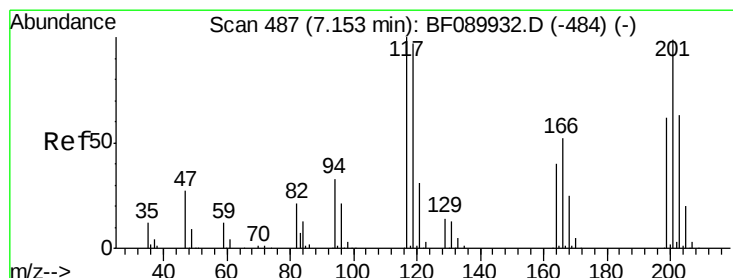
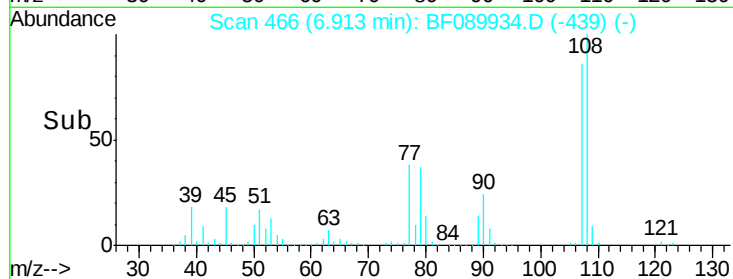
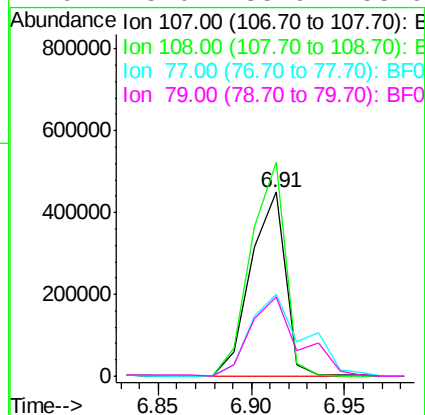
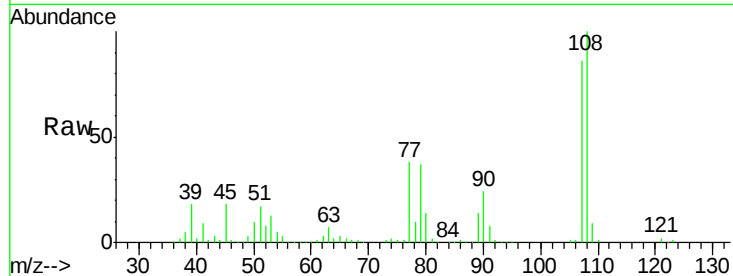
#17
2-Methylphenol
Concen: 57.84 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:	107	Resp:	583049
Ion Ratio	Lower	Upper	
107	100		
108	116.1	91.8	137.6
77	44.4	36.0	54.0
79	43.0	35.9	53.9

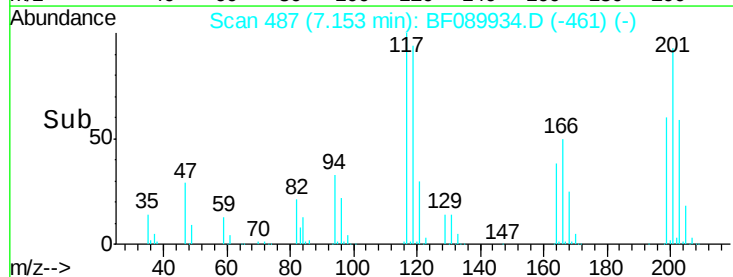
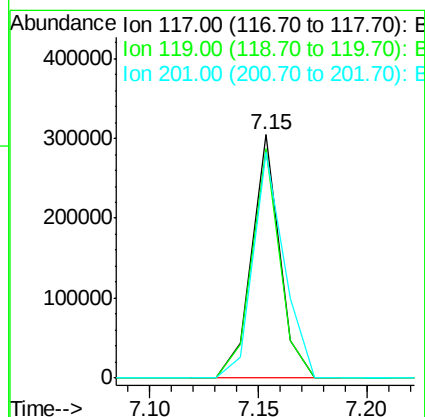
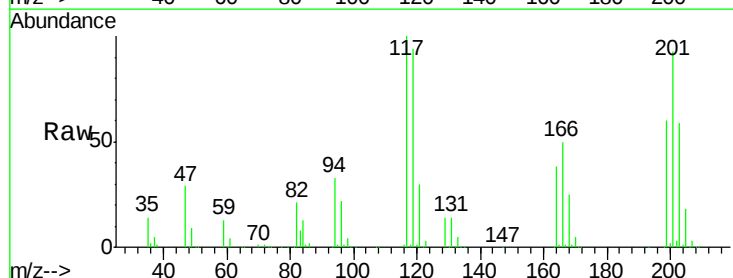
Manual Integrations
APPROVED

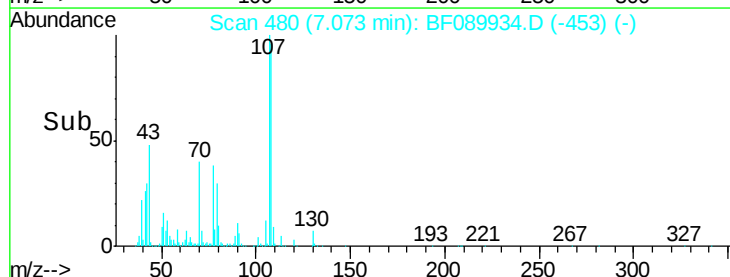
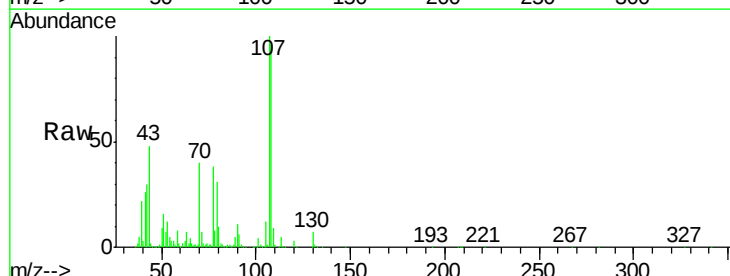
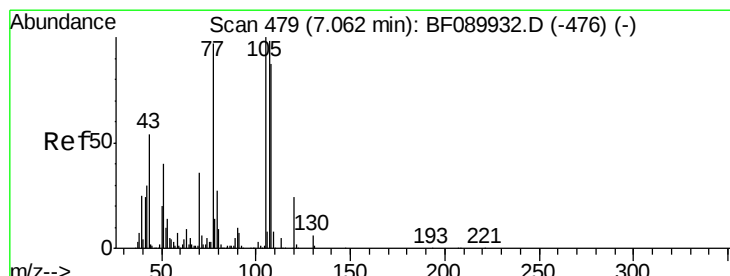
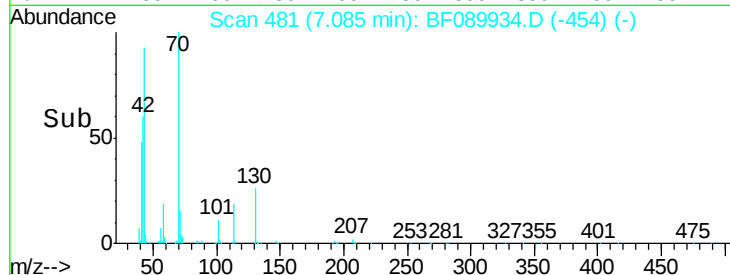
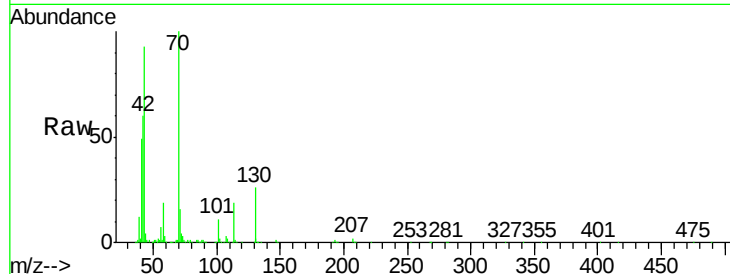
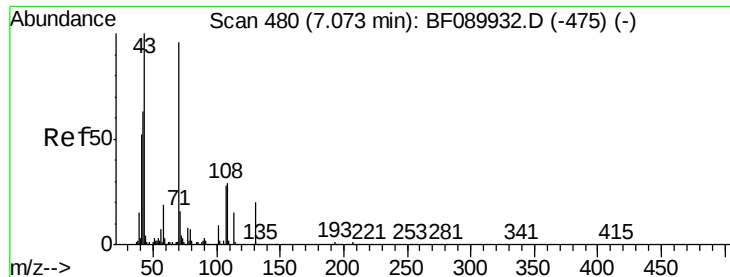
SOHIL
9/1/2016 11:51:59 AM



#18
Hexachloroethane
Concen: 54.90 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion:	117	Resp:	271952
Ion Ratio	Lower	Upper	
117	100		
119	94.3	76.2	114.2
201	92.9	80.2	120.2





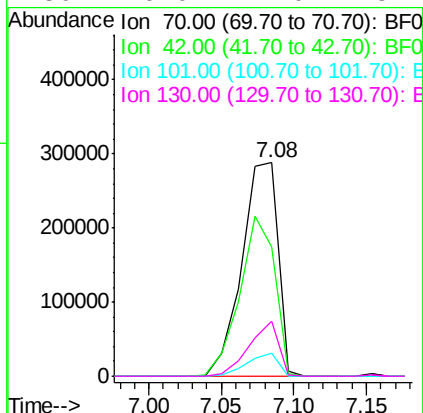
#19
n-Nitroso-di-n-propylamine
Concen: 53.43 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.5	52.1	78.1
101	10.7	7.4	11.2
130	26.0	17.0	25.4

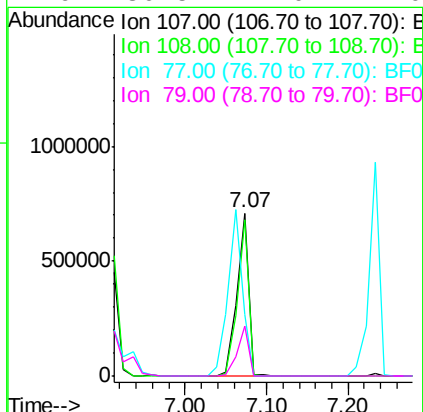
Manual Integrations
APPROVED

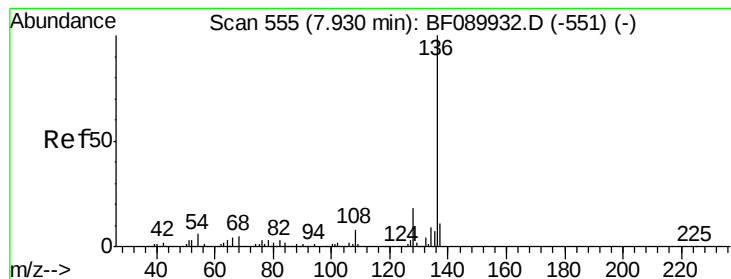
SOHIL
9/1/2016 11:51:59 AM



#20
3+4-Methylphenols
Concen: 58.84 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.9	70.2	110.2
77	38.0	75.7	115.7
79	30.5	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

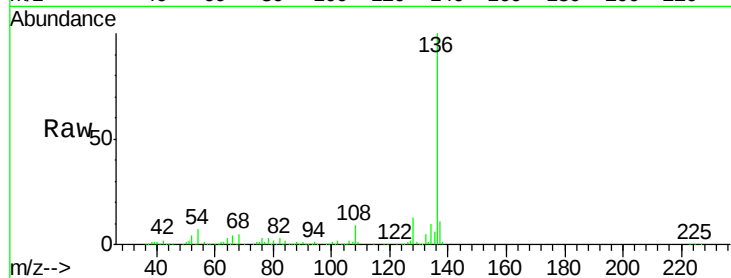
ClientSampleId :

SSTDICC060

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		747986		
137	10.8	8.3	12.5		
54	6.9	4.8	7.2		
68	5.2	3.7	5.5		

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM

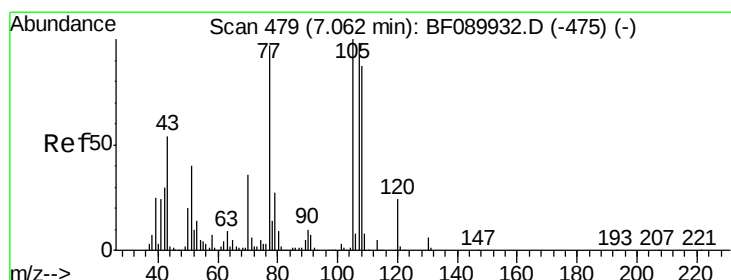
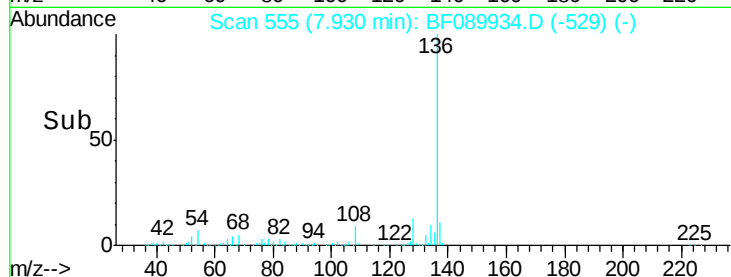
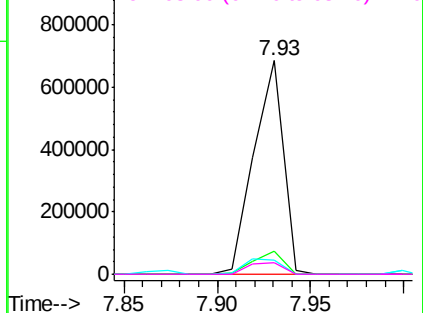


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 52.73 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

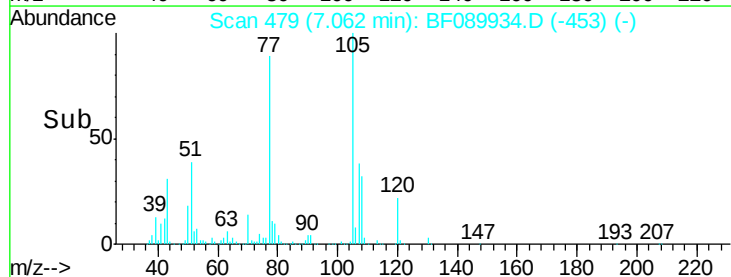
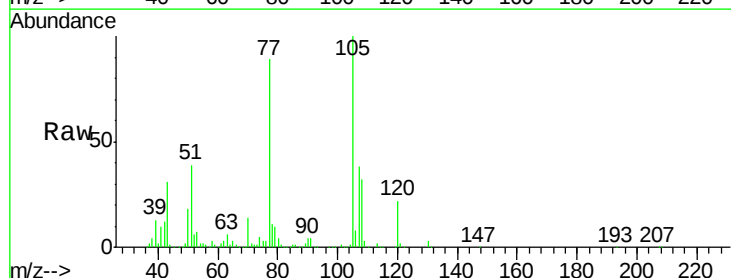
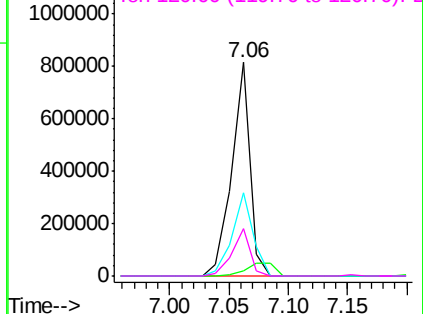
Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		871682		
71	2.4	5.3	7.9#		
51	39.2	32.6	48.8		
120	22.3	18.6	28.0		

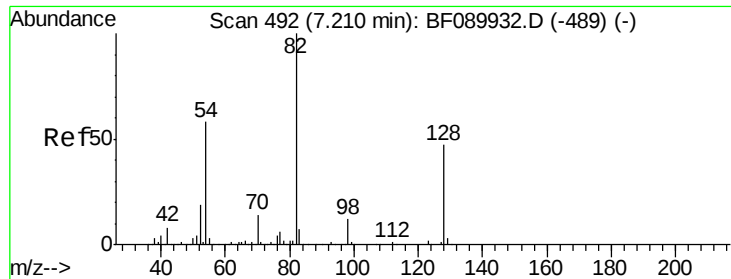
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





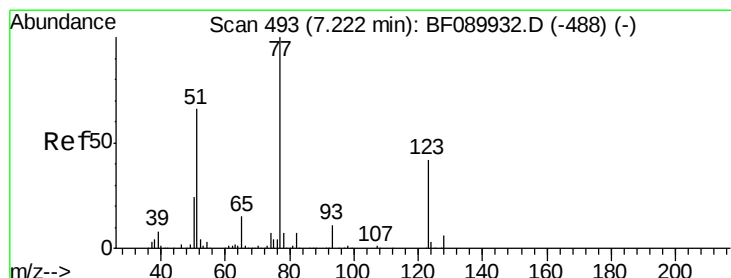
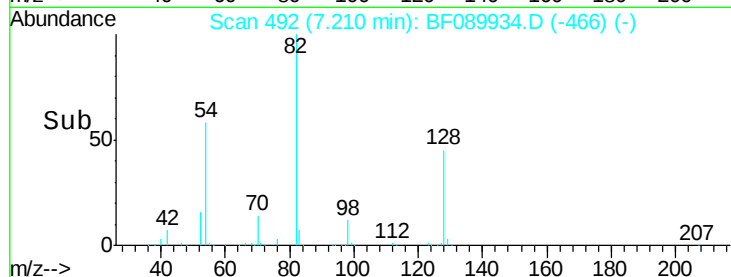
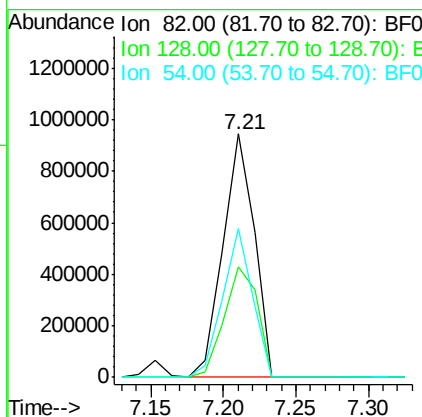
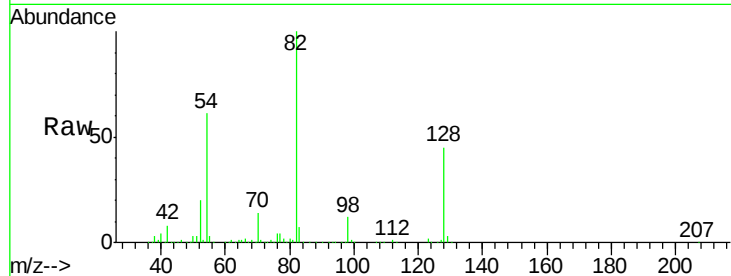
#23
 Nitrobenzene-d5
 Concen: 55.43 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion: 82 Resp: 1411820
 Ion Ratio Lower Upper
 82 100
 128 45.3 37.8 56.8
 54 61.0 46.9 70.3

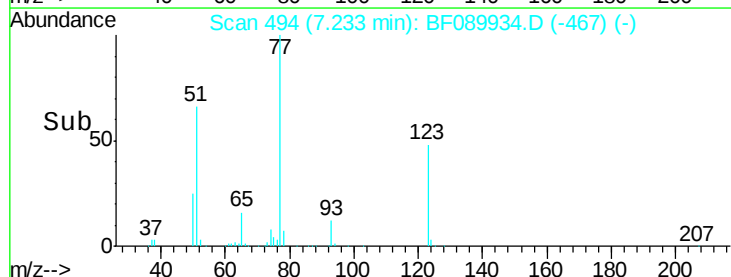
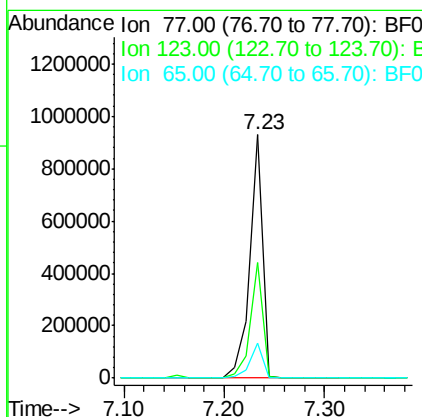
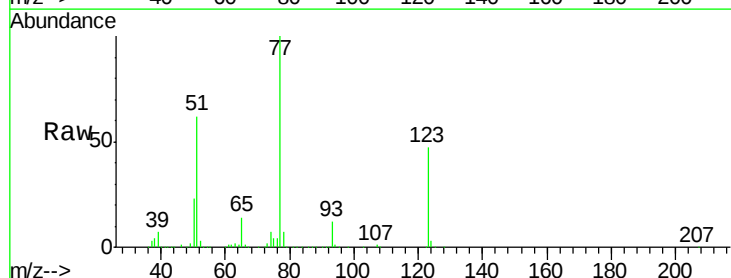
Manual Integrations
 APPROVED

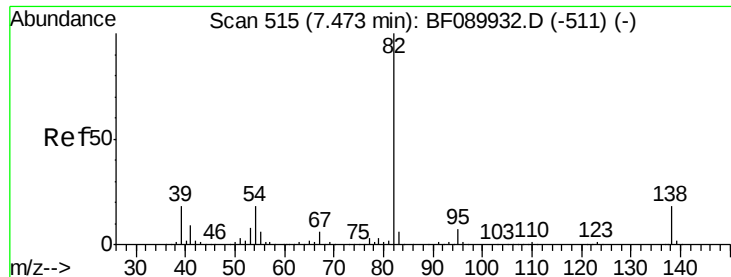
SOHIL
 9/1/2016 11:51:59 AM



#24
 Nitrobenzene
 Concen: 60.92 ng
 RT: 7.23 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Tgt Ion: 77 Resp: 820106
 Ion Ratio Lower Upper
 77 100
 123 47.5 32.0 48.0
 65 14.3 11.2 16.8





#25

Isophorone

Concen: 56.91 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1484700

Ion Ratio Lower Upper

82 100

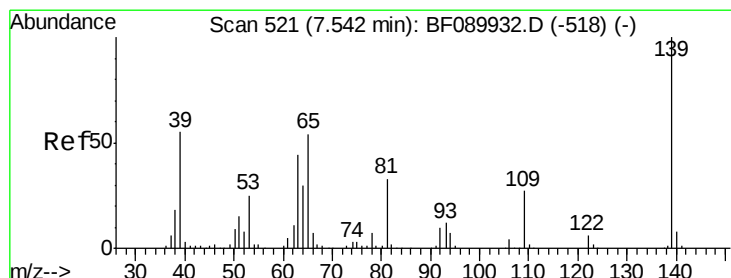
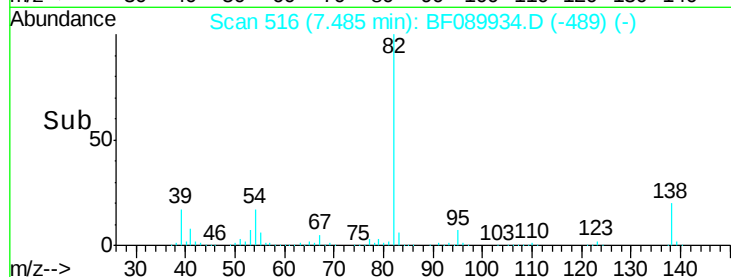
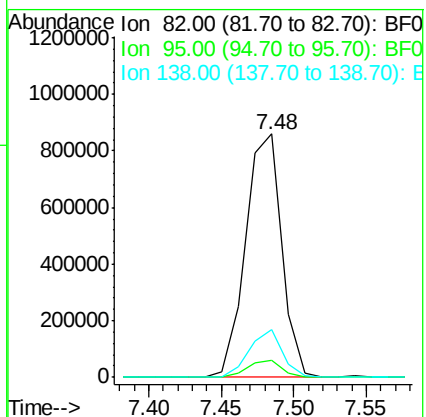
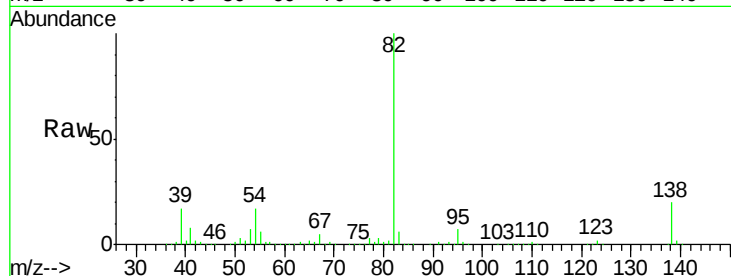
95 6.8 5.5 8.3

138 19.6 14.4 21.6

Manual Integrations
APPROVED

SOHIL

9/1/2016 11:51:59 AM



#26

2-Nitrophenol

Concen: 59.99 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

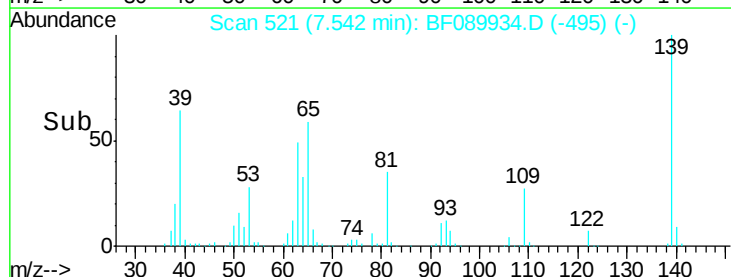
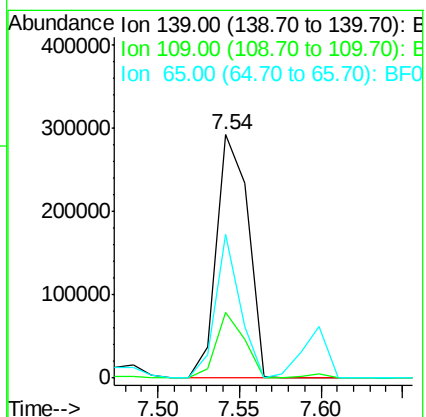
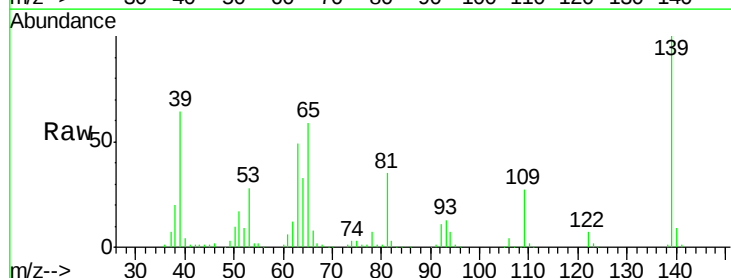
Tgt Ion: 139 Resp: 388646

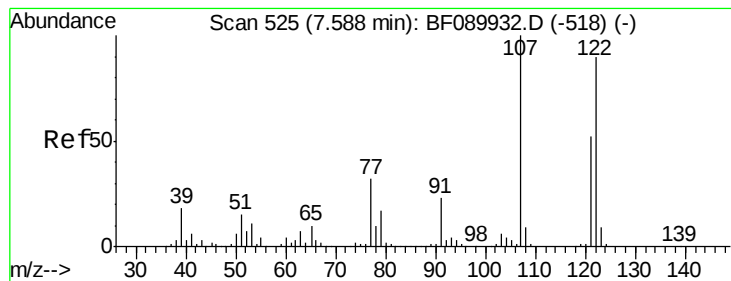
Ion Ratio Lower Upper

139 100

109 27.1 21.0 31.4

65 58.9 43.4 65.0





#27

2,4-Dimethylphenol

Concen: 59.04 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

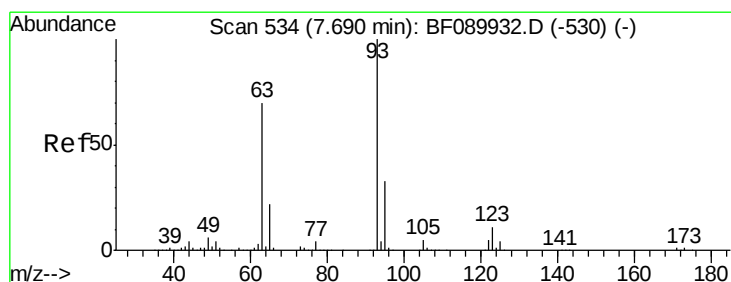
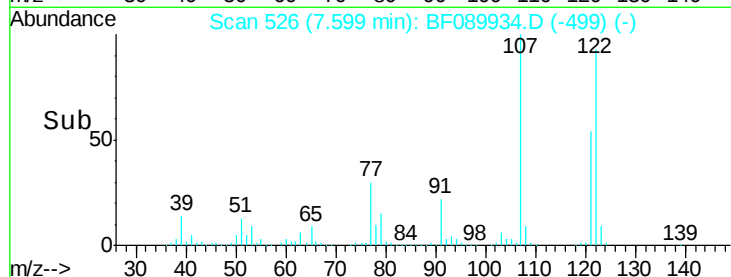
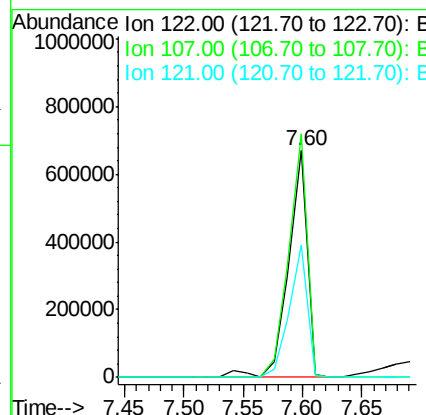
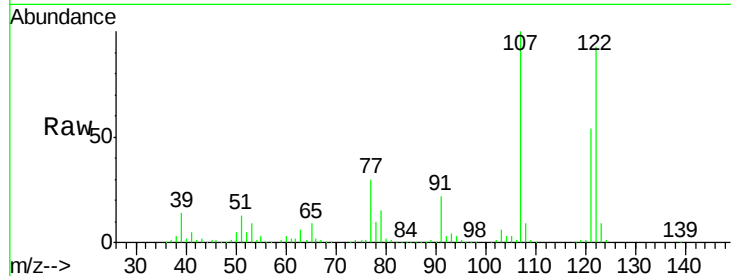
ClientSampleId :

SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	725050		
107	107.5	88.5	132.7	
121	58.2	46.0	69.0	

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM



#28

bis(2-Chloroethoxy)methane

Concen: 51.03 ng

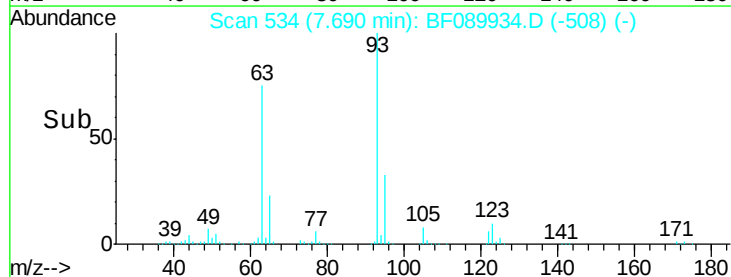
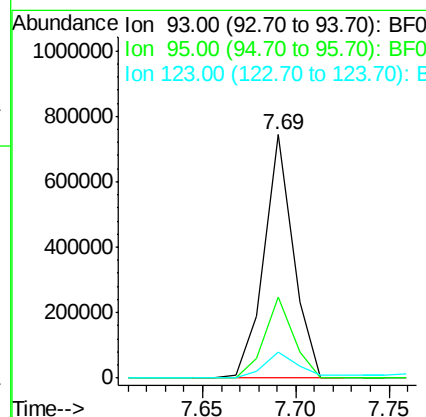
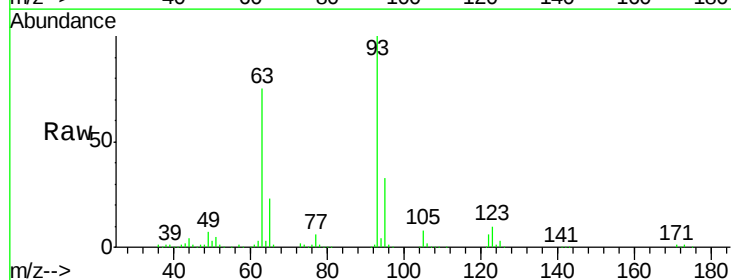
RT: 7.69 min Scan# 534

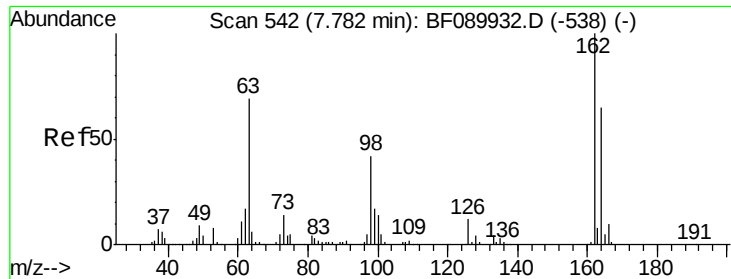
Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	807459		
95	33.5	26.6	40.0	
123	10.4	9.1	13.7	





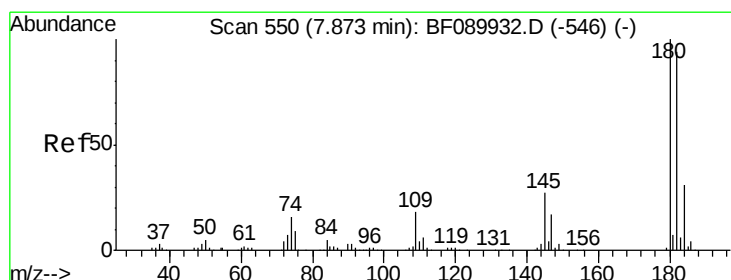
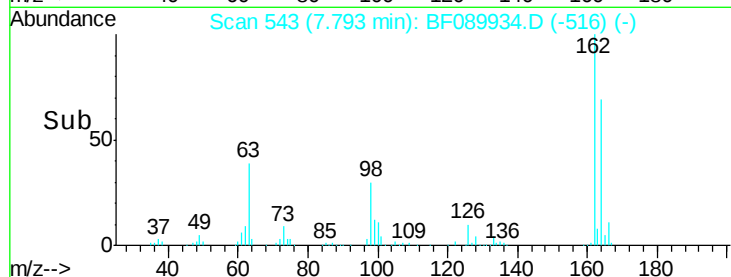
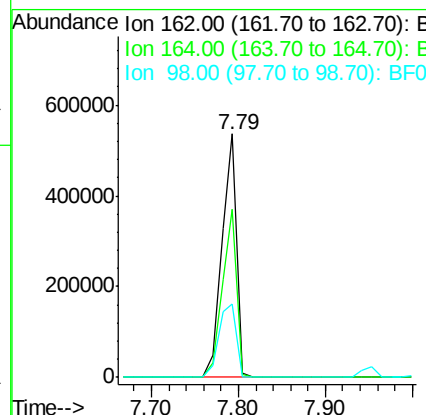
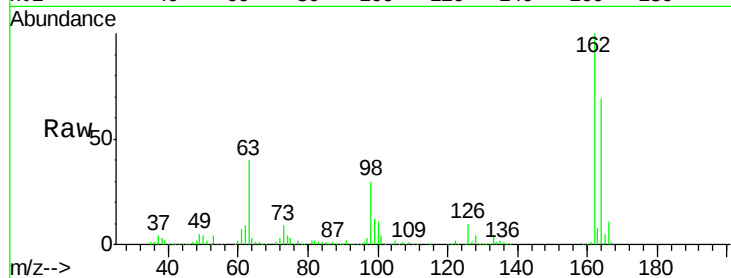
#29
2,4-Dichlorophenol
Concen: 58.32 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	638679		
164	69.0	46.6	86.6	
98	30.3	22.0	62.0	

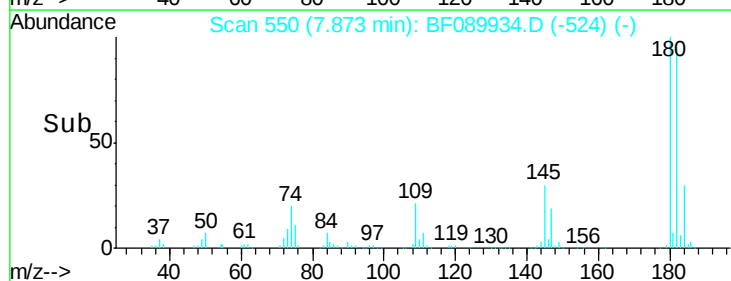
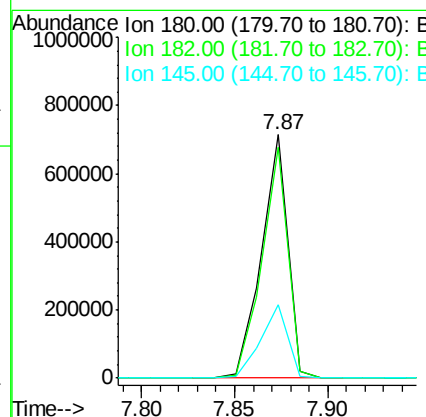
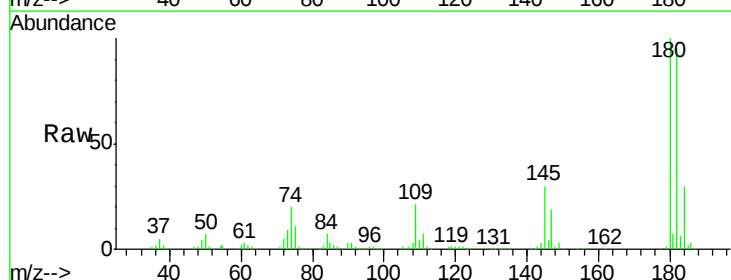
Manual Integrations
APPROVED

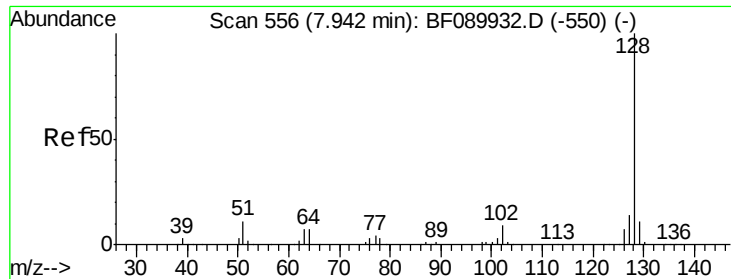
SOHIL
9/1/2016 11:51:59 AM



#30
1,2,4-Trichlorobenzene
Concen: 58.49 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	691790		
182	94.6	76.2	114.2	
145	30.0	22.2	33.4	





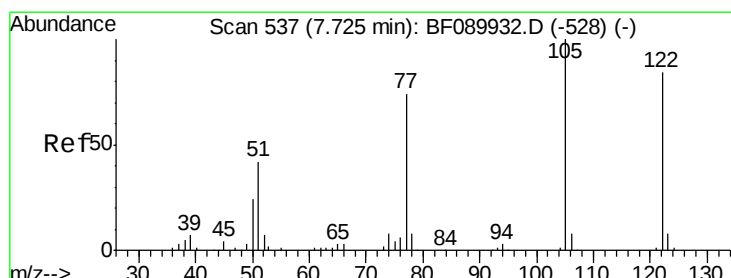
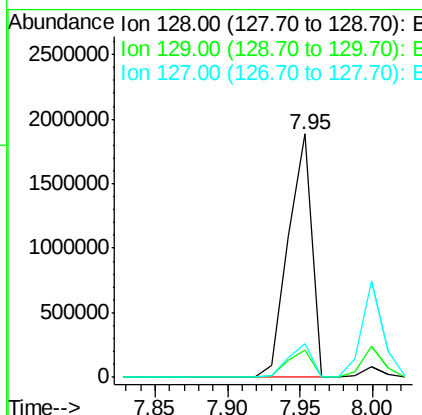
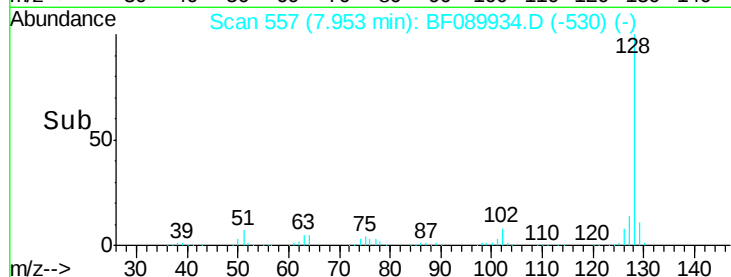
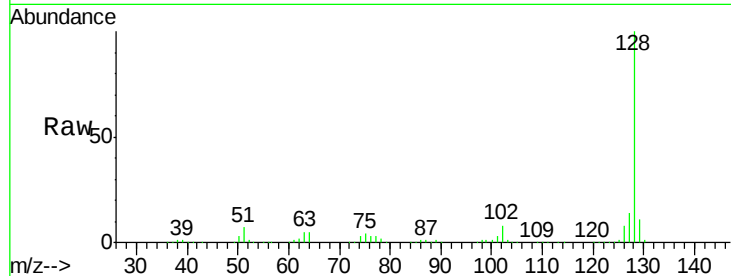
#31
Naphthalene
Concen: 56.79 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 2111901
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.7 10.7 16.1

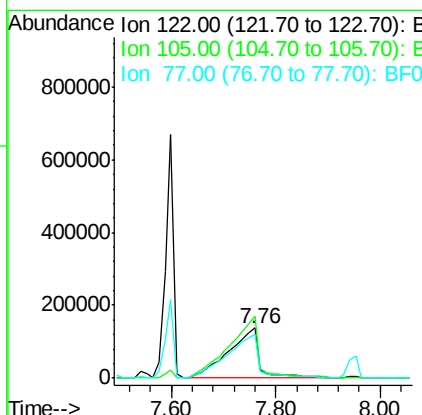
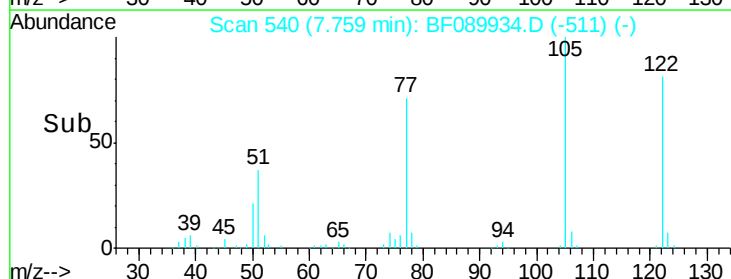
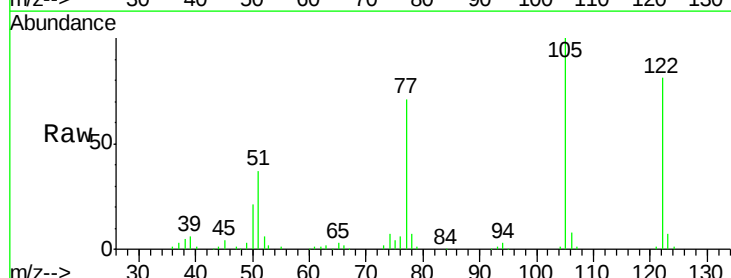
Manual Integrations
APPROVED

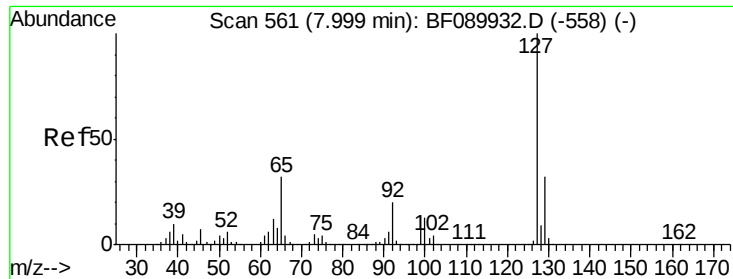
SOHIL
9/1/2016 11:51:59 AM



#32
Benzoic acid
Concen: 70.47 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.03 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion:122 Resp: 565976
Ion Ratio Lower Upper
122 100
105 123.6 102.2 142.2
77 88.0 74.1 114.1





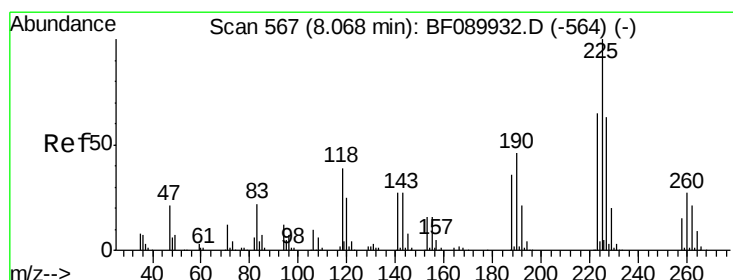
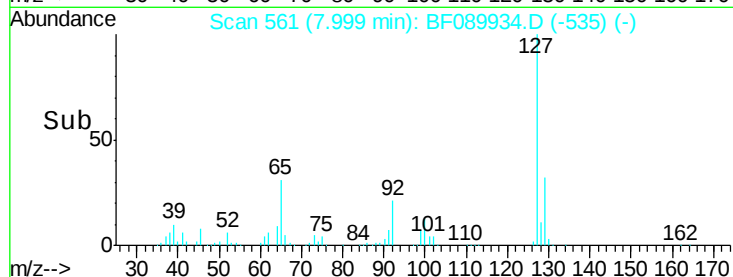
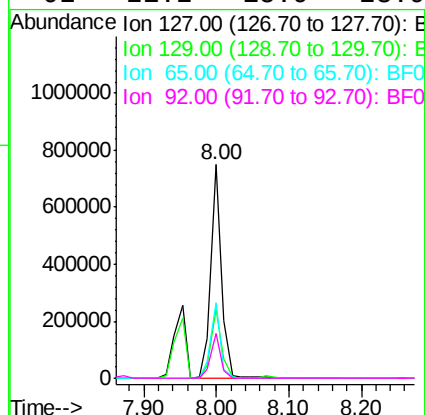
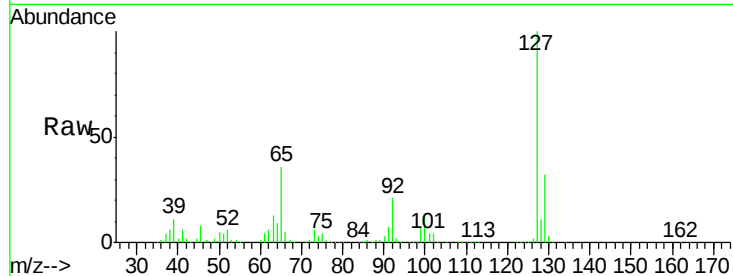
#33
4-Chloroaniline
Concen: 51.91 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	774366		
129	32.4	25.9	38.9	
65	35.6	26.0	39.0	
92	21.2	15.9	23.9	

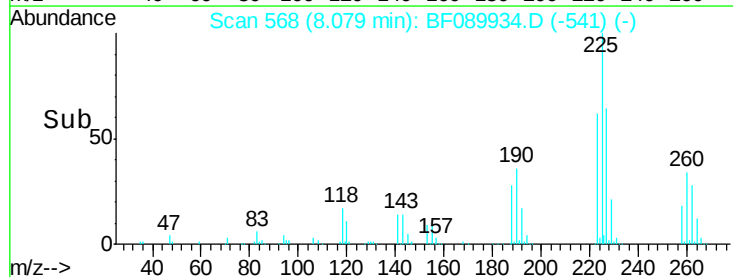
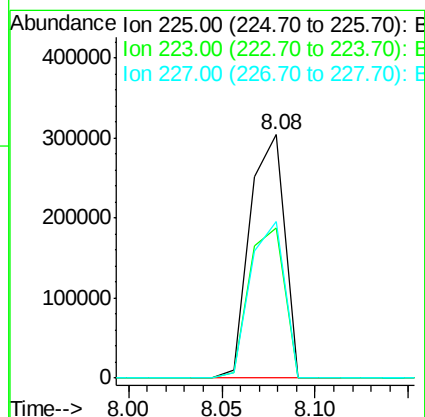
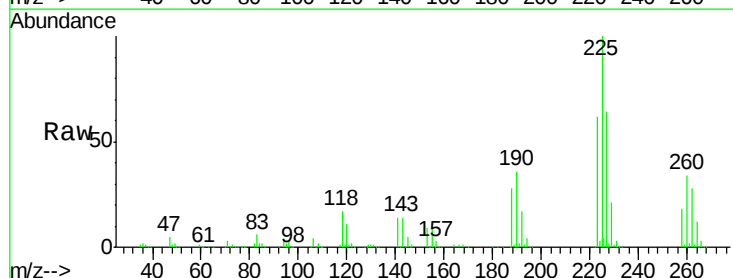
Manual Integrations
APPROVED

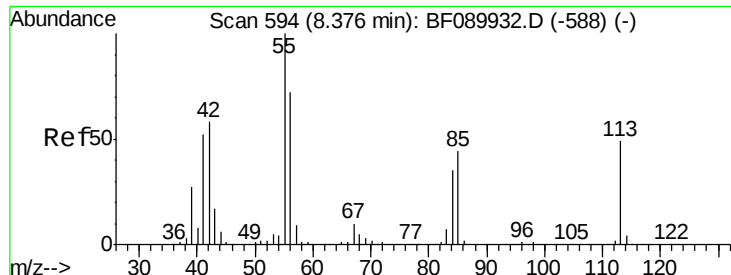
SOHIL
9/1/2016 11:51:59 AM



#34
Hexachlorobutadiene
Concen: 56.06 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	388577		
223	61.6	52.6	78.8	
227	64.3	50.8	76.2	





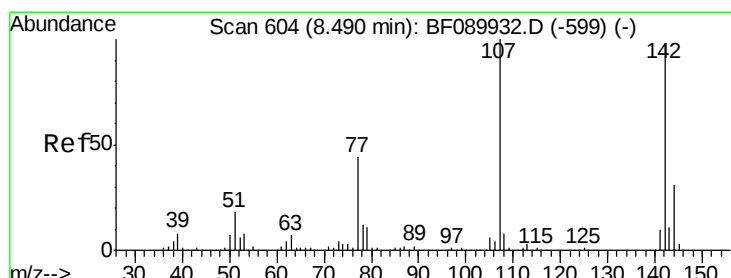
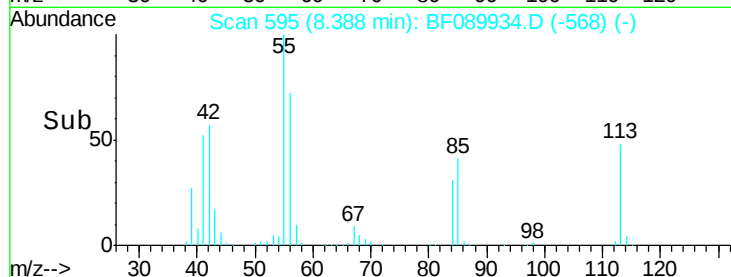
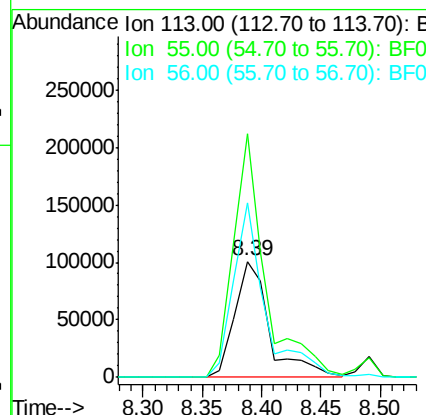
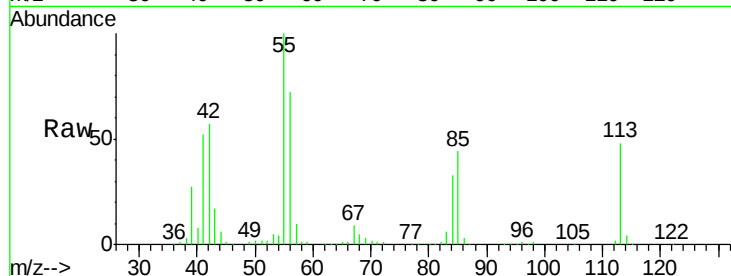
#35
Caprolactam
Concen: 60.85 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
113	100		
55	209.7	178.5	218.5
56	149.9	122.7	162.7

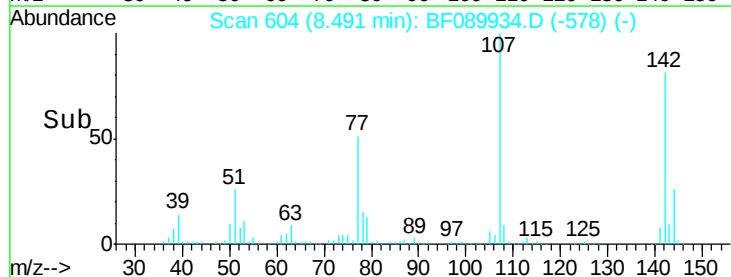
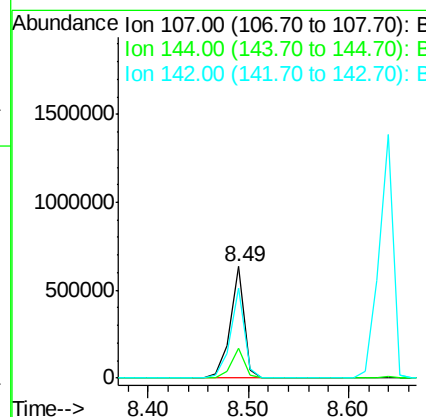
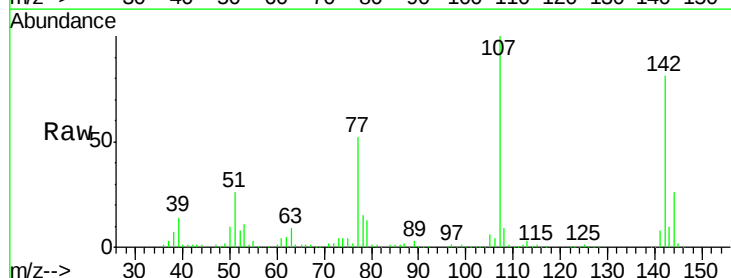
Manual Integrations
APPROVED

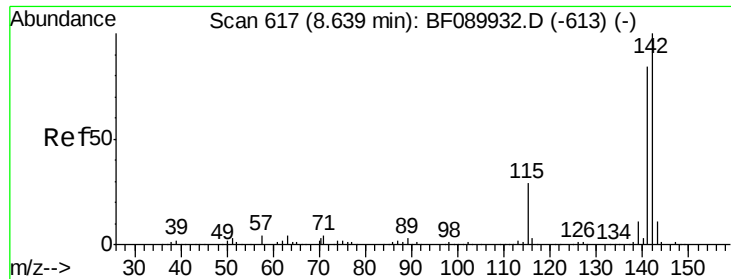
SOHIL
9/1/2016 11:51:59 AM



#36
4-Chloro-3-methylphenol
Concen: 54.95 ng
RT: 8.49 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	25.8	38.8
142	81.1	79.2	118.8





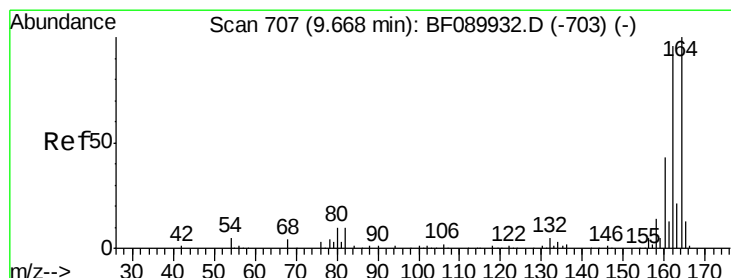
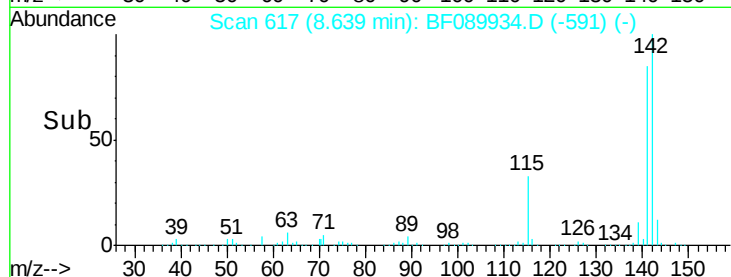
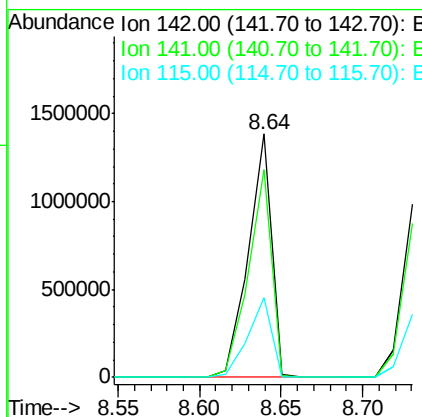
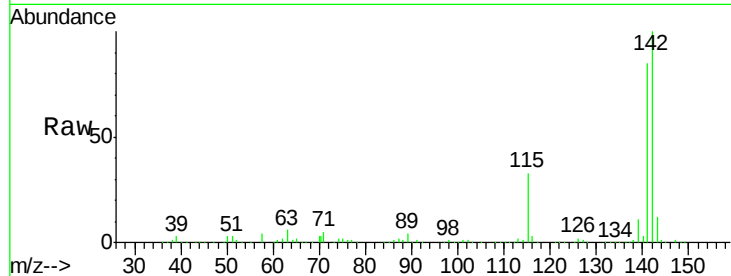
#37
2-Methylnaphthalene
Concen: 56.05 ng
RT: 8.64 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.1	68.3	102.5
115	32.5	23.8	35.8

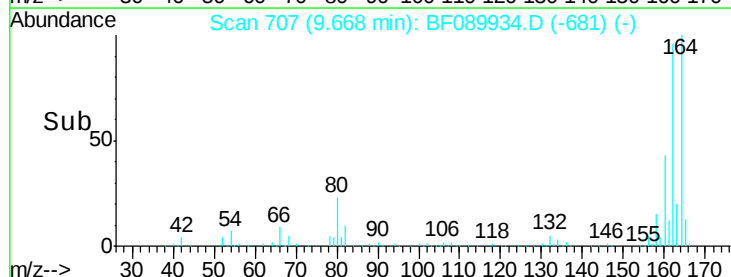
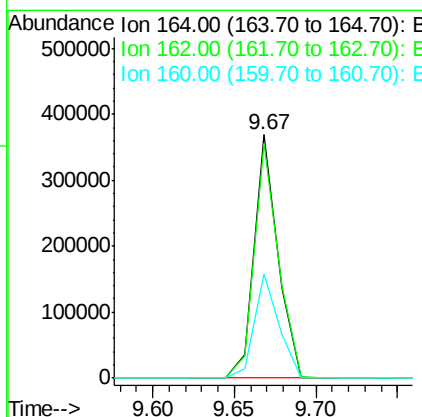
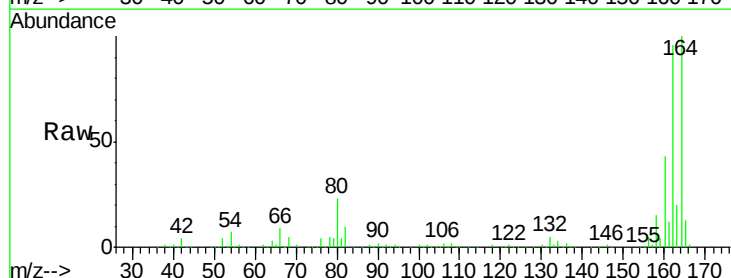
Manual Integrations
APPROVED

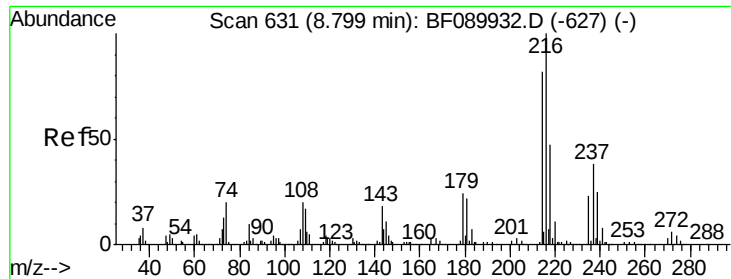
SOHIL
9/1/2016 11:51:59 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	77.1	115.7
160	42.5	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 55.34 ng

RT: 8.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

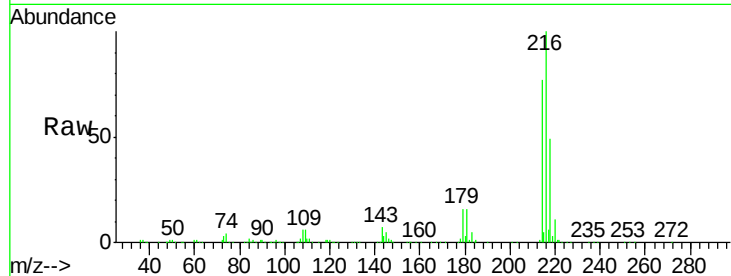
ClientSampleId :

SSTDIC060

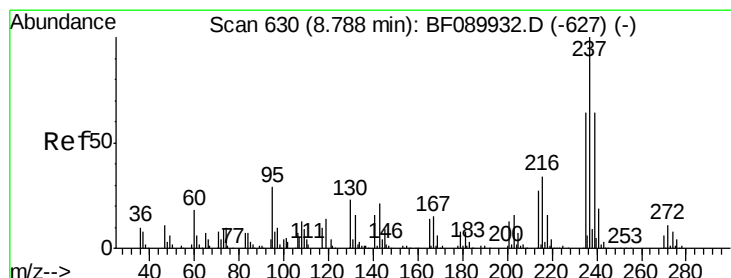
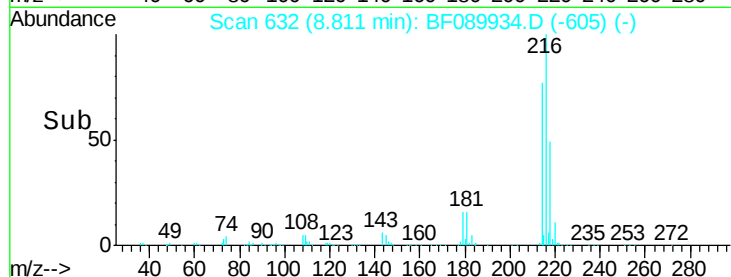
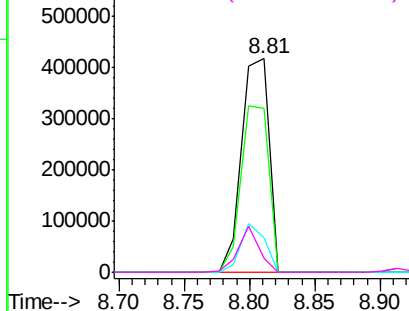
Tgt Ion:	216	Resp:	608307
Ion Ratio		Lower	Upper
216	100		
214	78.4	63.4	95.2
179	20.1	17.3	25.9
108	16.2	15.5	23.3

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM



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



#40

Hexachlorocyclopentadiene

Concen: 65.75 ng

RT: 8.80 min Scan# 631

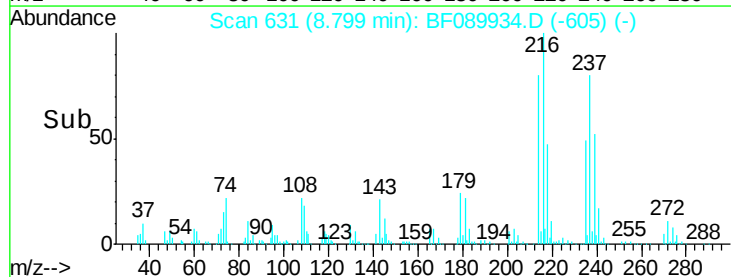
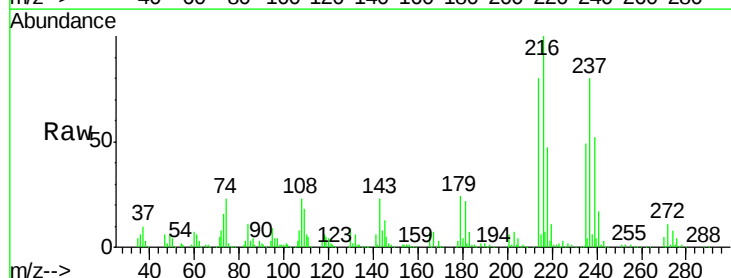
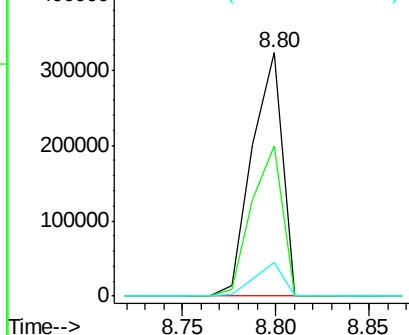
Delta R.T. 0.00 min

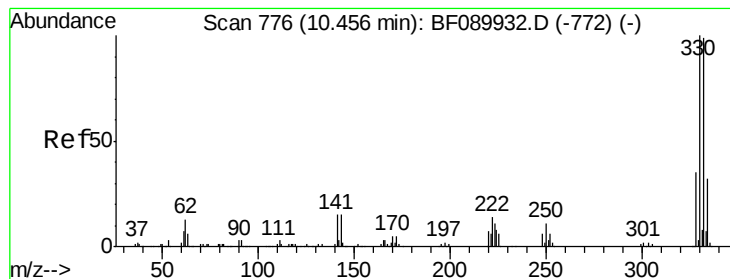
Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Tgt Ion:	237	Resp:	370288
Ion Ratio		Lower	Upper
237	100		
235	61.7	39.6	79.6
272	13.9	0.0	34.6

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





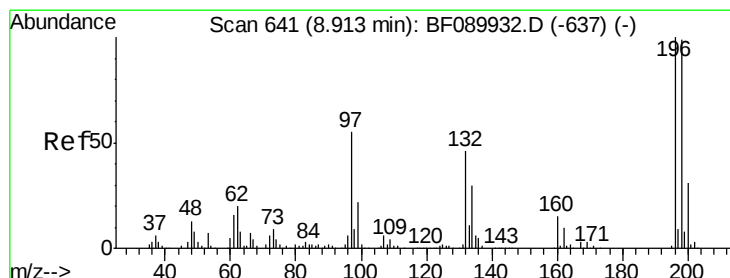
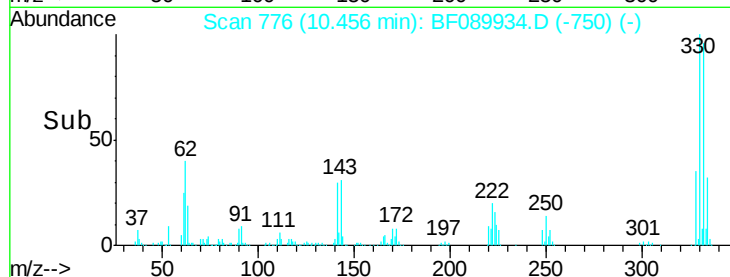
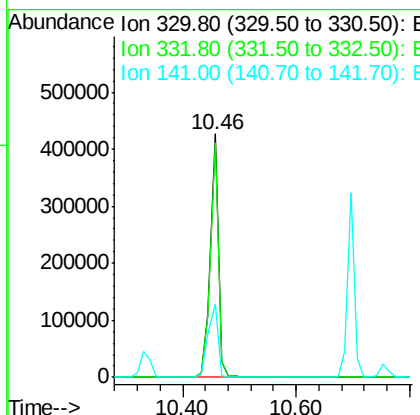
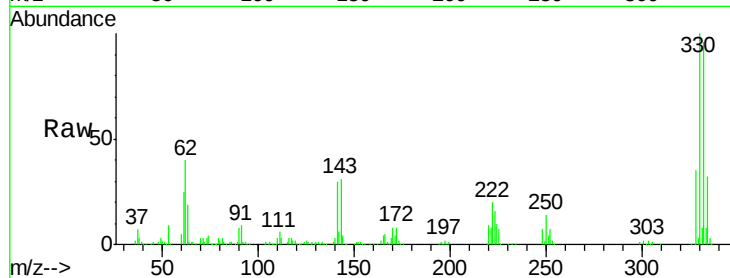
#41
 2,4,6-Tribromophenol
 Concen: 56.55 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	399735		
332	96.9	78.6	117.8	
141	36.9	23.3	34.9#	

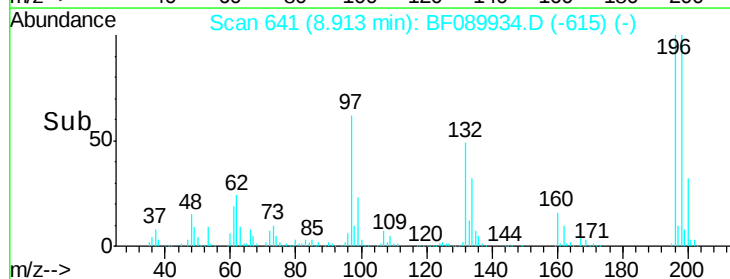
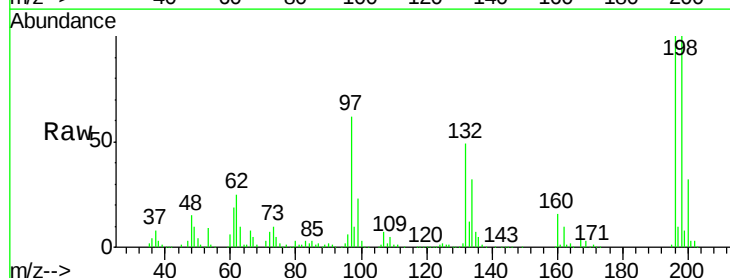
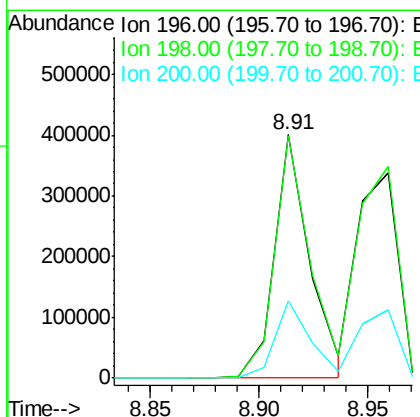
Manual Integrations
 APPROVED

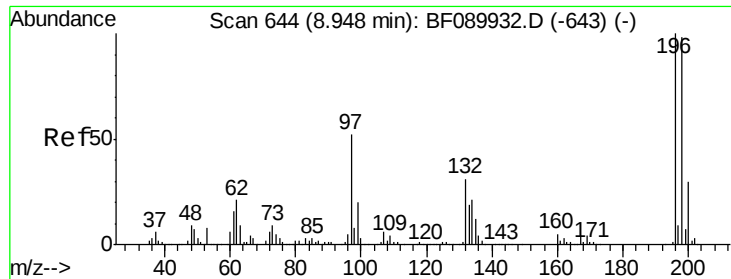
SOHIL
 9/1/2016 11:51:59 AM



#42
 2,4,6-Trichlorophenol
 Concen: 60.45 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	455832		
198	99.7	78.3	117.5	
200	31.9	24.8	37.2	





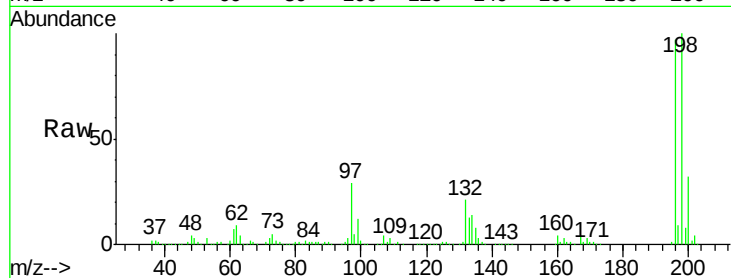
#43
 2,4,5-Trichlorophenol
 Concen: 59.61 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	444115		
198	103.1	80.8	121.2	
97	30.3	44.2	66.4	#
132	21.9	25.8	38.6	#

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:51:59 AM



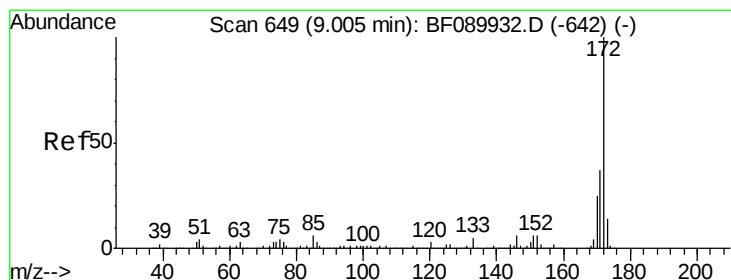
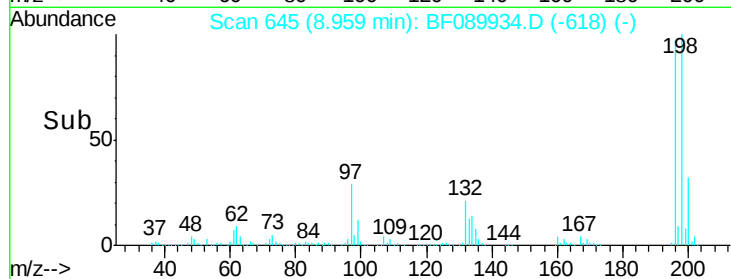
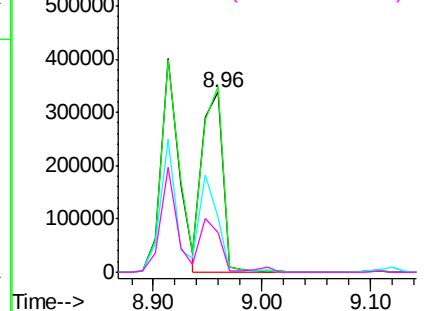
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 46.98 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

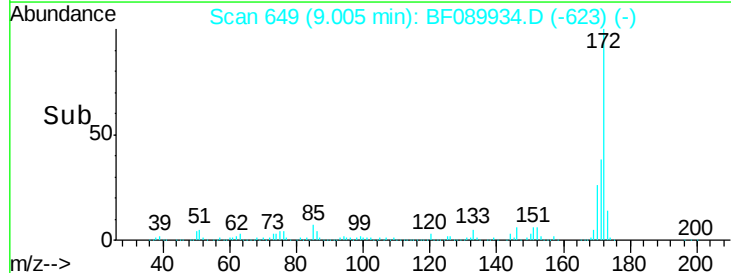
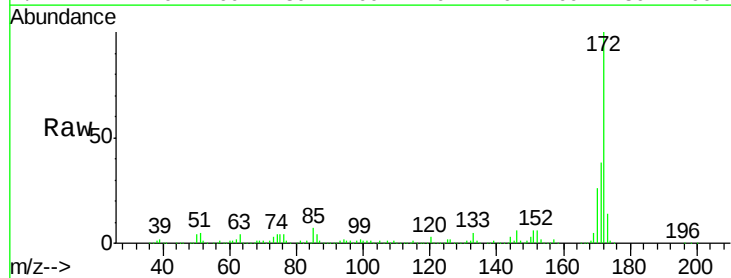
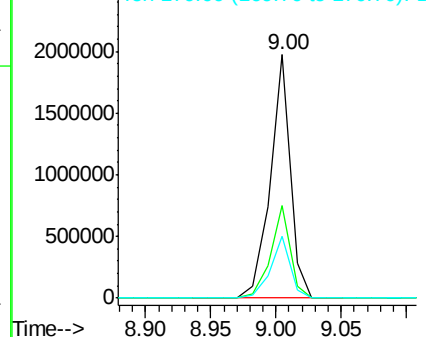
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2121817		
171	37.9	29.4	44.2	
170	25.5	20.1	30.1	

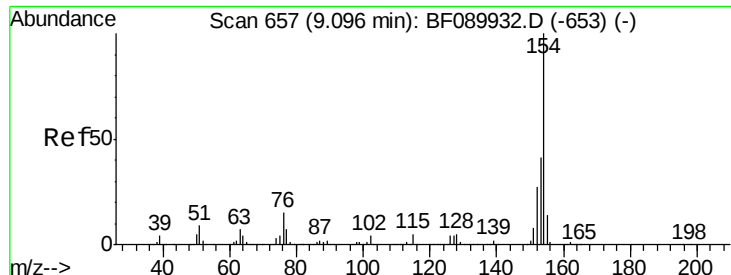
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 57.57 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:154 Resp: 1762537

Ion Ratio Lower Upper

154 100

153 41.5 20.6 60.6

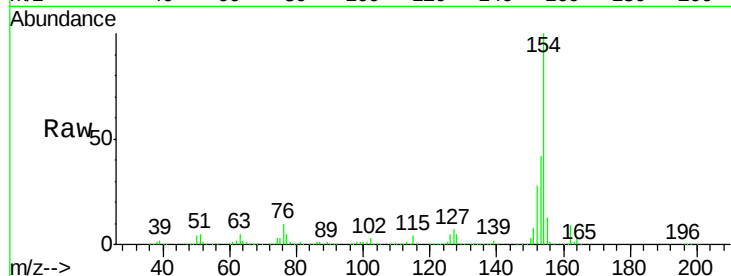
76 9.7 0.0 34.9

Manual Integrations

APPROVED

SOHIL

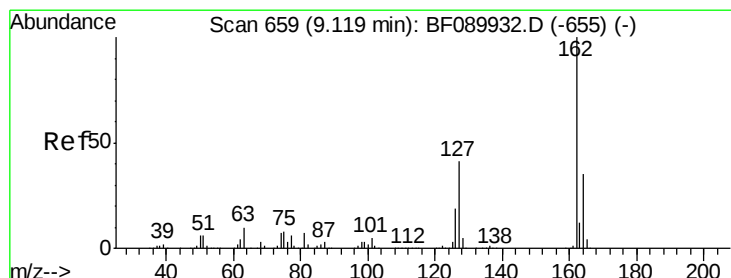
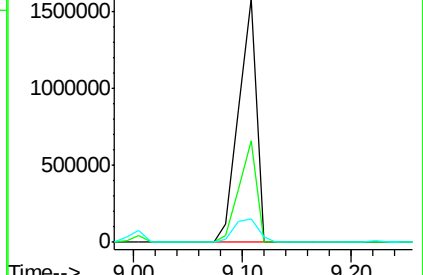
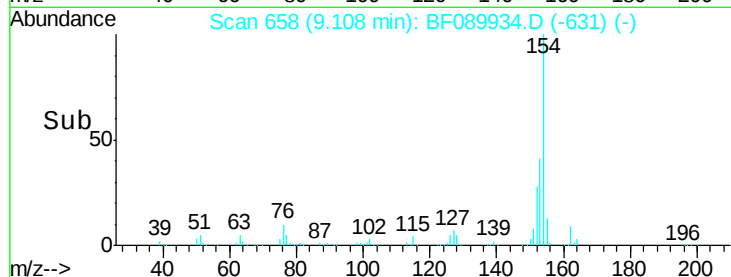
9/1/2016 11:51:59 AM



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: 53.84 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

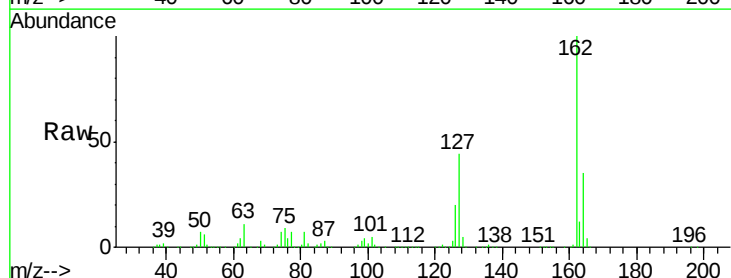
Tgt Ion:162 Resp: 1140978

Ion Ratio Lower Upper

162 100

127 43.6 33.5 50.3

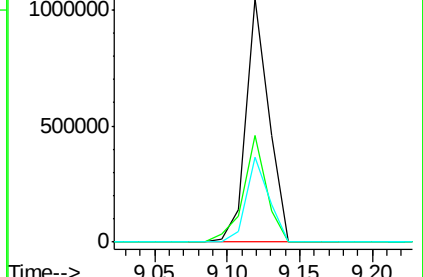
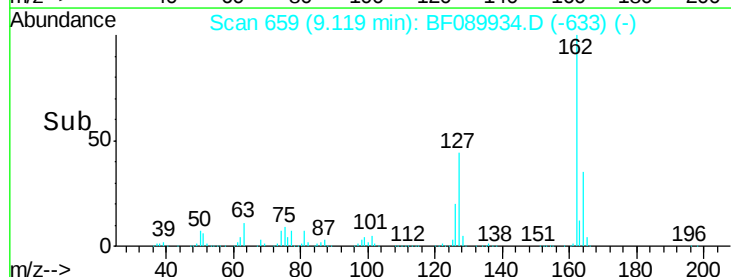
164 34.7 28.2 42.4

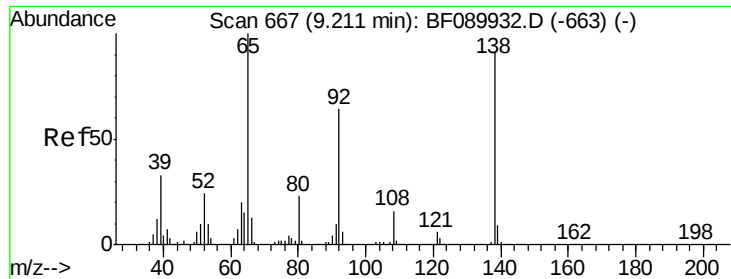


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





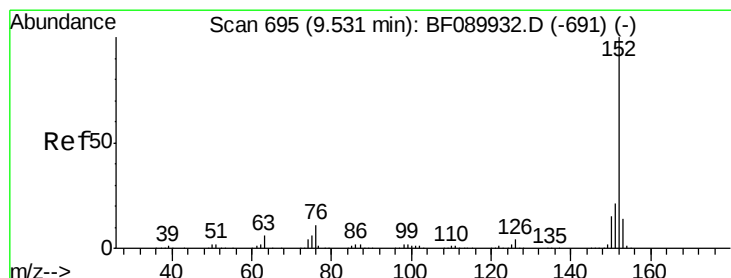
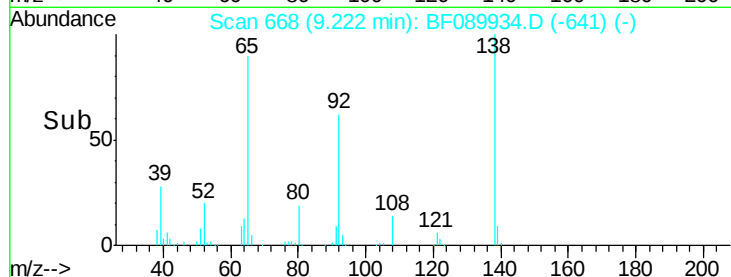
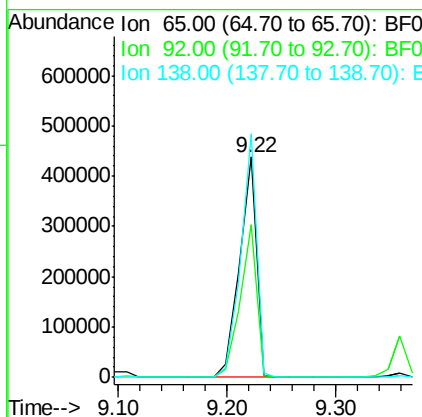
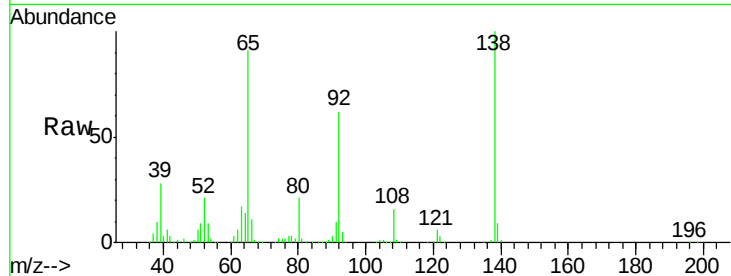
#47
2-Nitroaniline
Concen: 68.10 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion: 65 Resp: 466624
Ion Ratio Lower Upper
65 100
92 69.0 52.0 78.0
138 110.5 72.1 108.1#

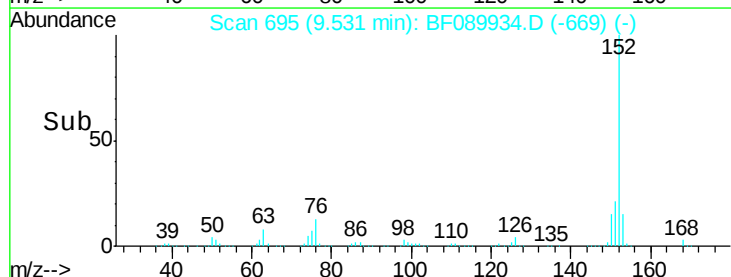
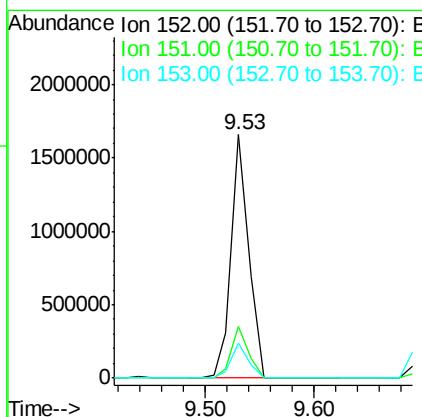
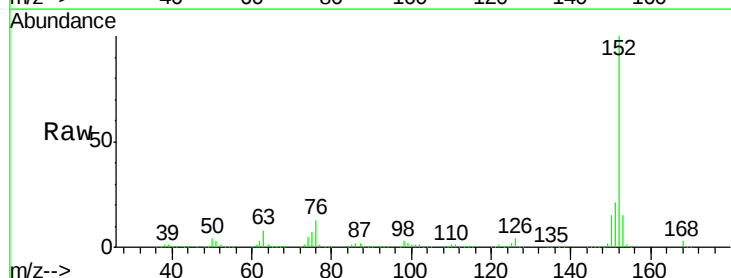
Manual Integrations
APPROVED

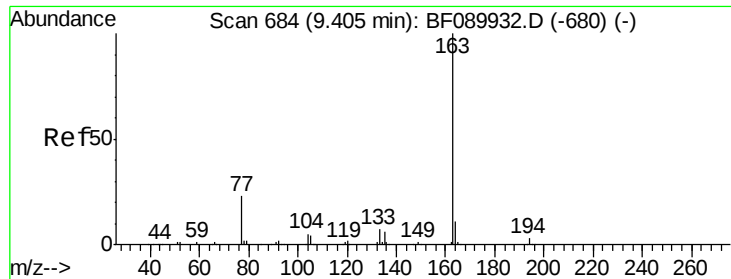
SOHIL
9/1/2016 11:51:59 AM



#48
Acenaphthylene
Concen: 52.61 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion: 152 Resp: 1834641
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1
153 14.5 11.6 17.4





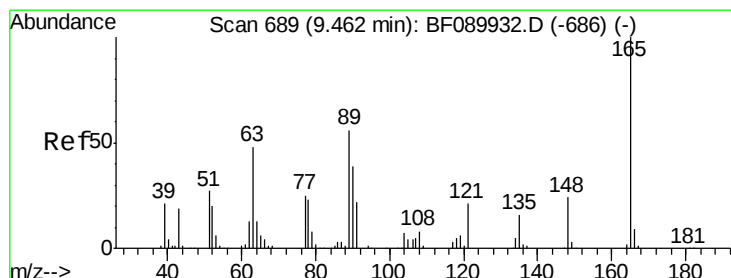
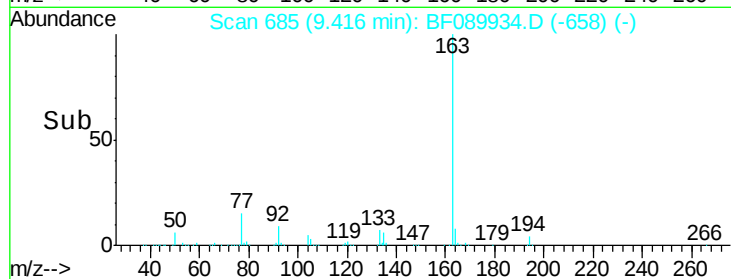
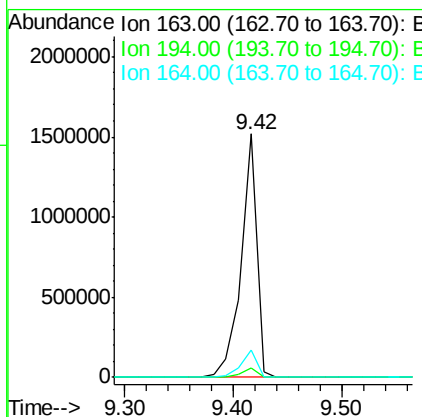
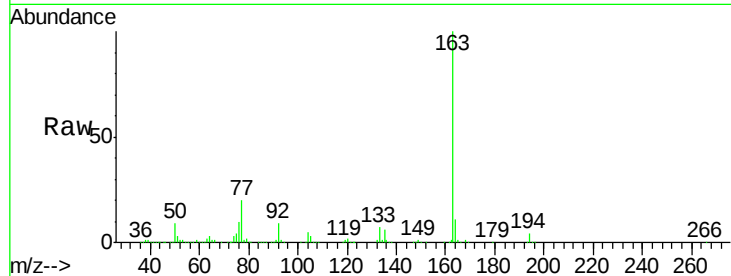
#49
Dimethylphthalate
Concen: 57.55 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.2	9.0	13.4

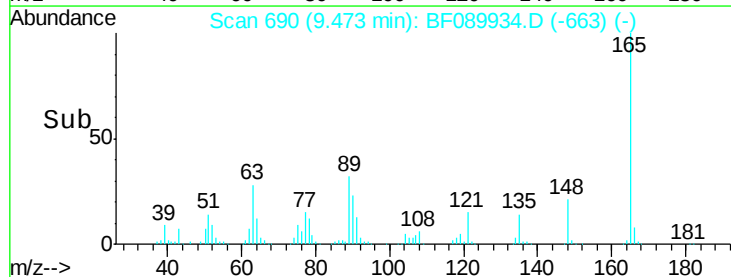
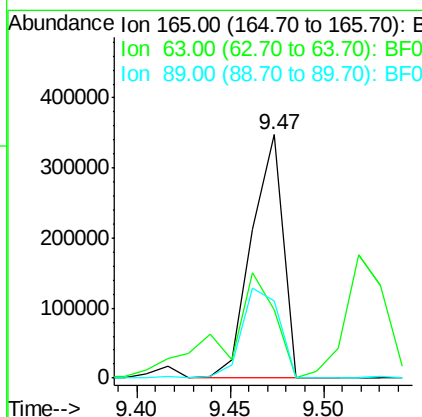
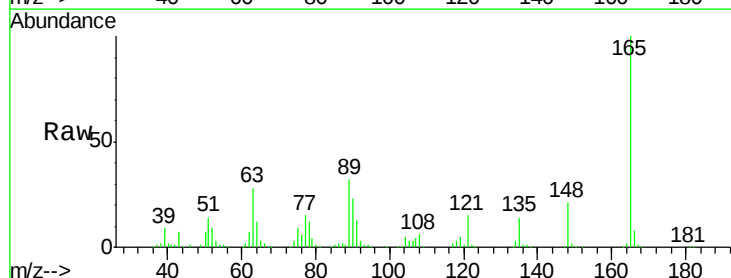
Manual Integrations
APPROVED

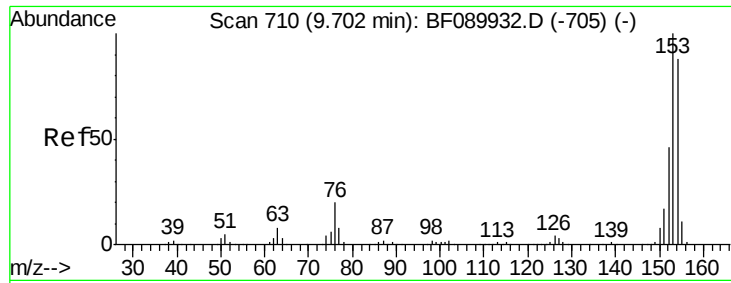
SOHIL
9/1/2016 11:51:59 AM



#50
2,6-Dinitrotoluene
Concen: 65.60 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	27.8	45.0	67.4#
89	31.9	41.5	62.3#





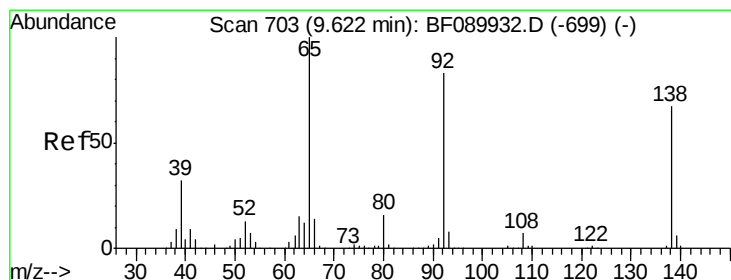
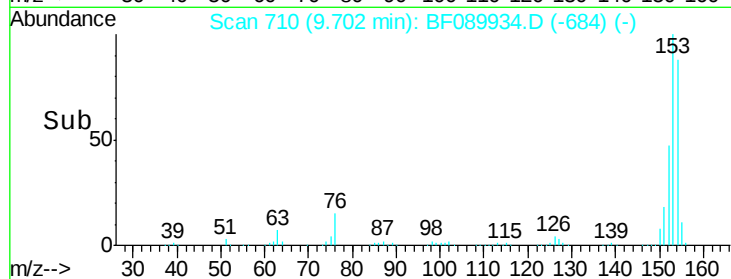
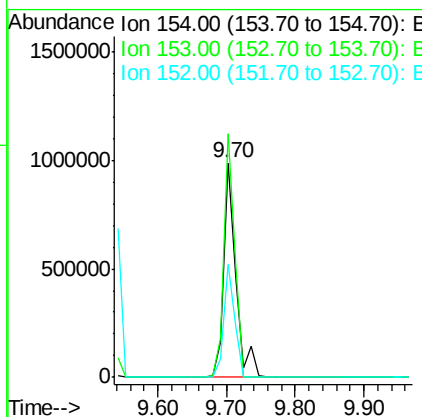
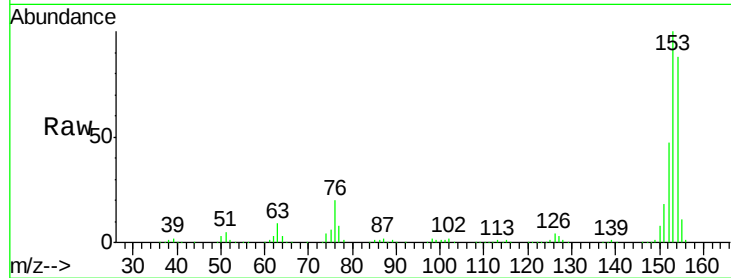
#51
Acenaphthene
Concen: 55.31 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.6	135.8
152	52.8	42.4	63.6

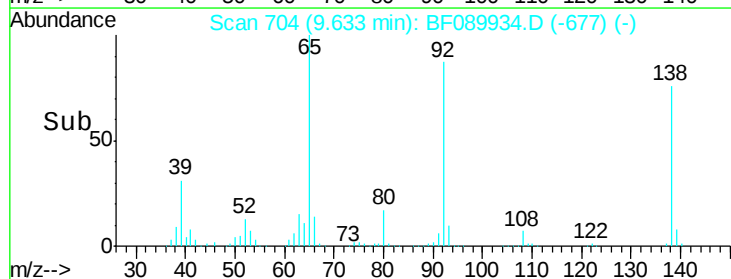
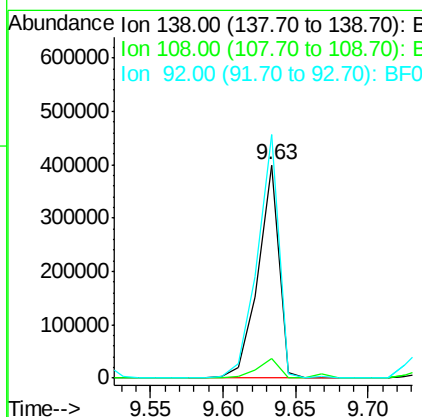
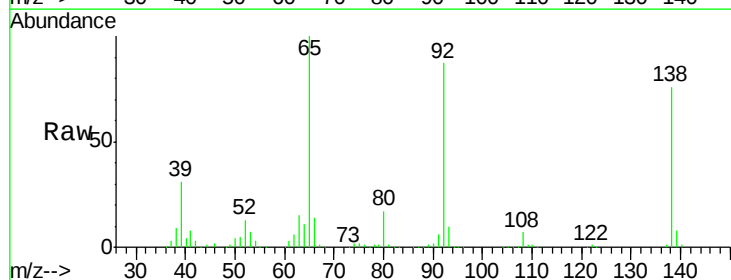
Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM



#52
3-Nitroaniline
Concen: 62.02 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.5	8.3	12.5
92	114.3	99.1	148.7





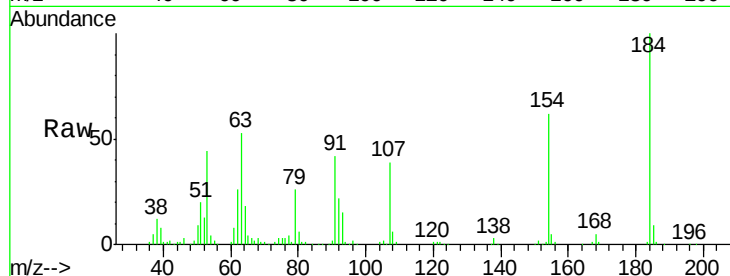
#53
2,4-Dinitrophenol
Concen: 86.49 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

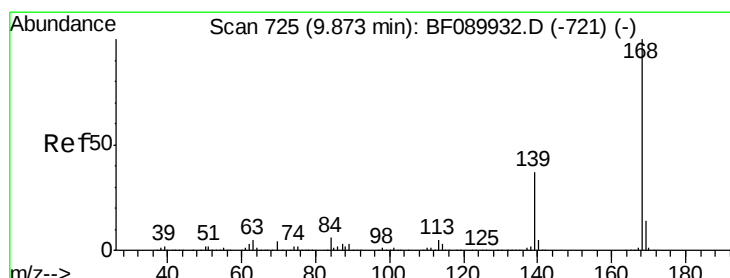
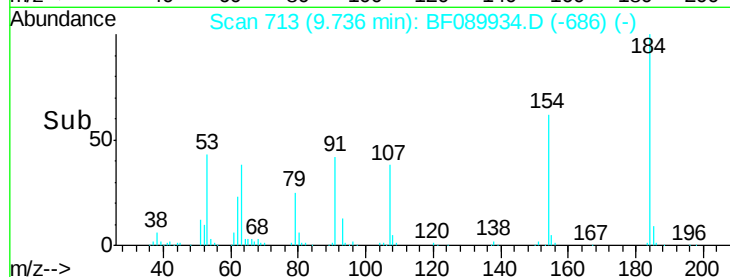
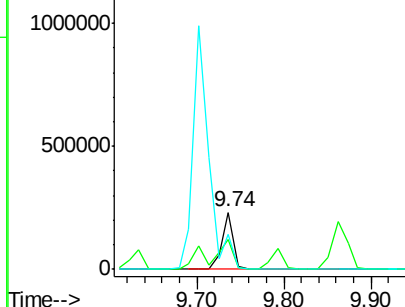
Tgt Ion:184 Resp: 215243
Ion Ratio Lower Upper
184 100
63 53.4 73.9 110.9#
154 61.6 53.5 80.3

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM

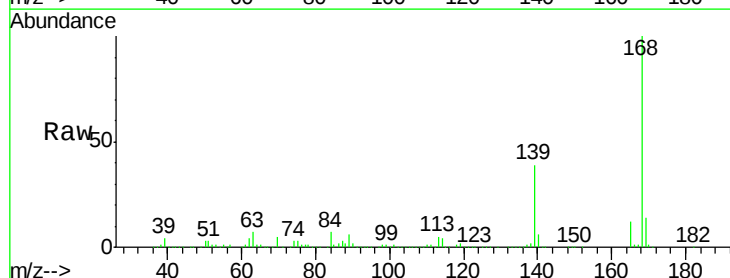


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

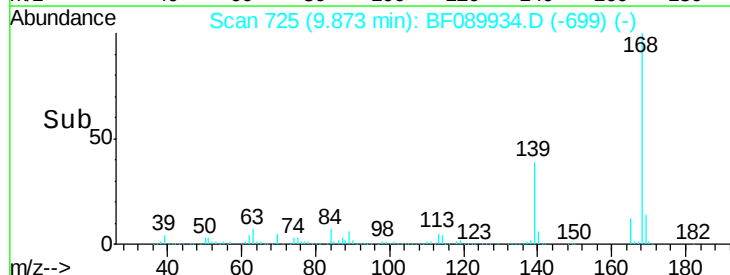
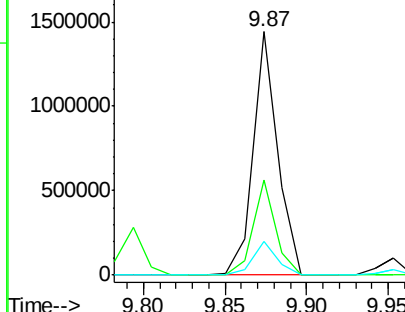


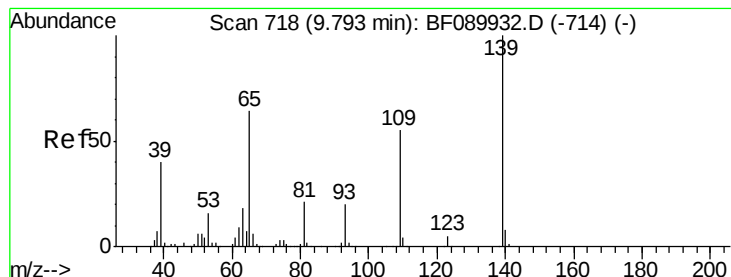
#54
Dibenzofuran
Concen: 51.54 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion:168 Resp: 1505144
Ion Ratio Lower Upper
168 100
139 38.9 29.5 44.3
169 14.0 10.8 16.2



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





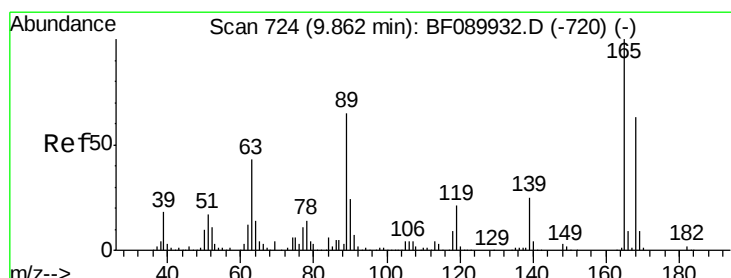
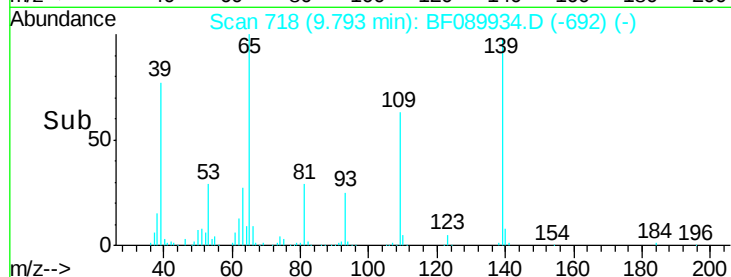
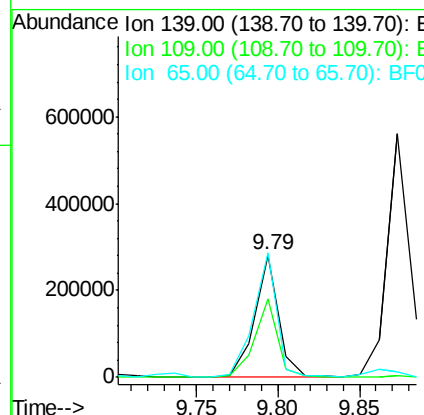
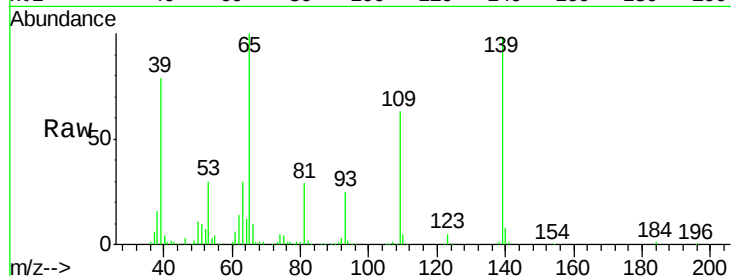
#55
4-Nitrophenol
Concen: 55.75 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	64.4	31.3	71.3
65	102.0	38.5	78.5

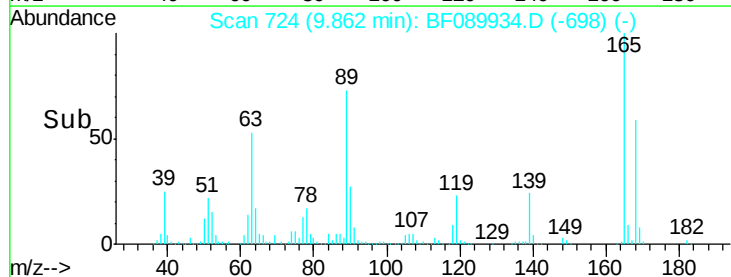
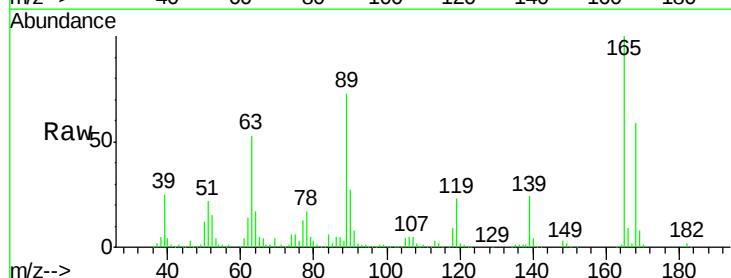
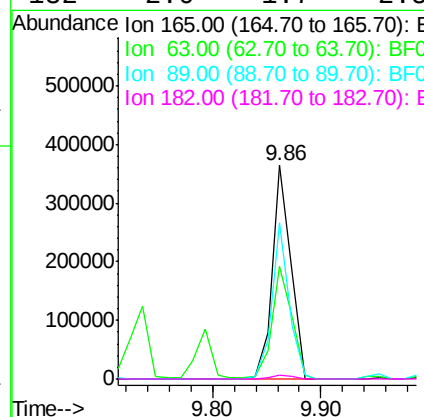
Manual Integrations
APPROVED

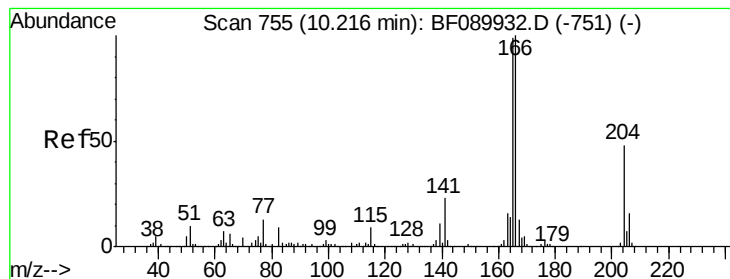
SOHIL
9/1/2016 11:51:59 AM



#56
2,4-Dinitrotoluene
Concen: 56.01 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	52.9	32.5	48.7
89	73.3	48.3	72.5
182	2.0	1.7	2.5





#57

Fluorene

Concen: 49.90 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

ClientSampled :

SSTDICC060

Tgt Ion:166 Resp: 1115429

Ion Ratio Lower Upper

166 100

165 99.6 78.6 118.0

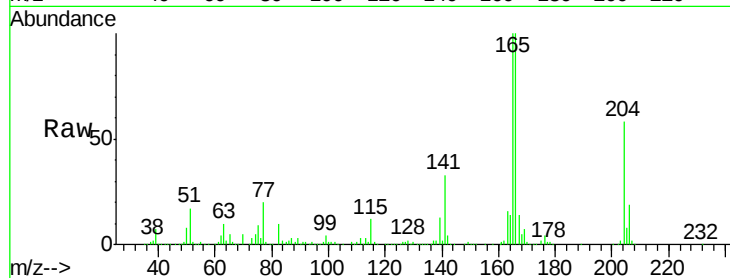
167 13.9 10.6 15.8

Manual Integrations

APPROVED

SOHIL

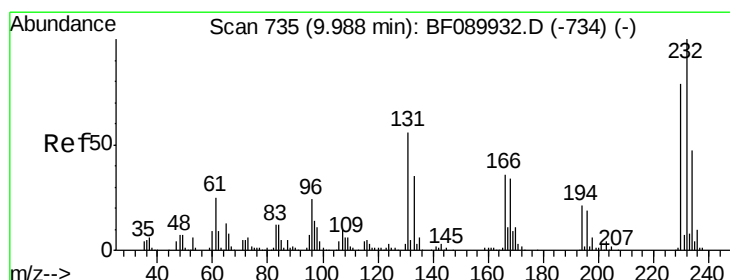
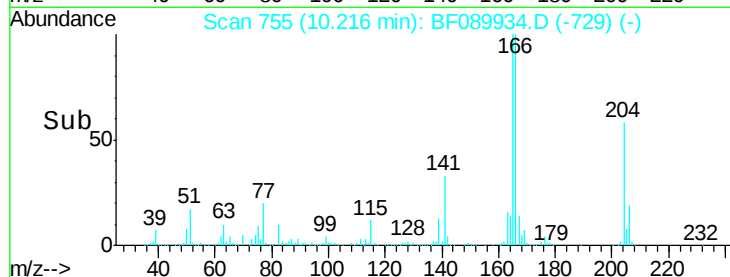
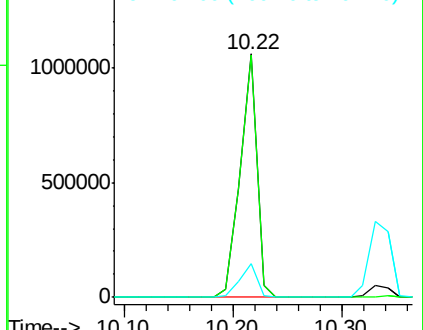
9/1/2016 11:51:59 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 62.33 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Tgt Ion:232 Resp: 388532

Ion Ratio Lower Upper

232 100

131 40.7 36.3 54.5

130 1.9 1.7 2.5

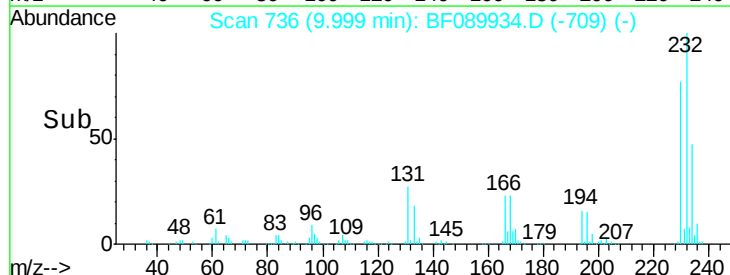
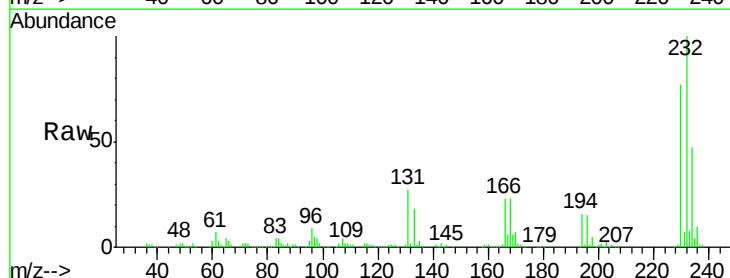
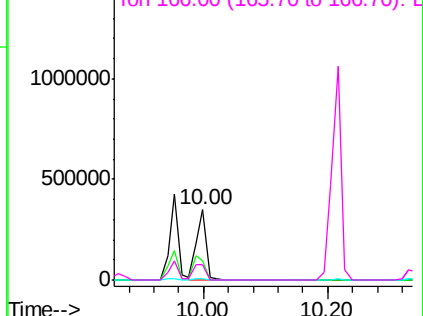
166 28.5 24.4 36.6

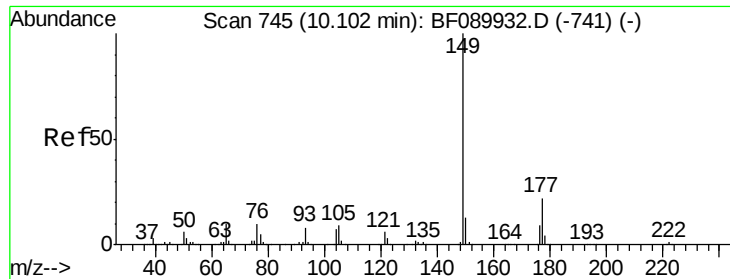
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





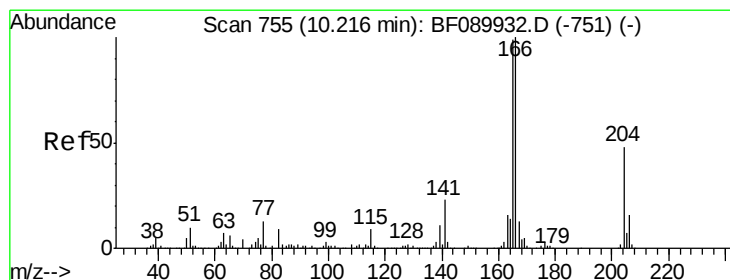
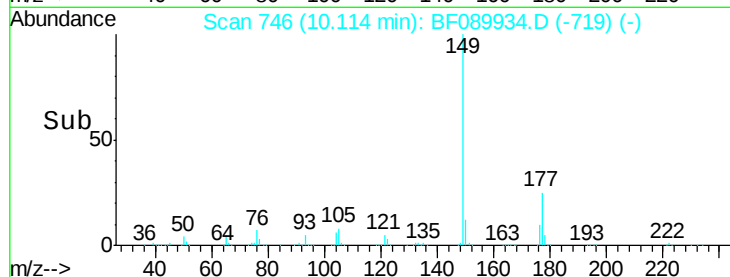
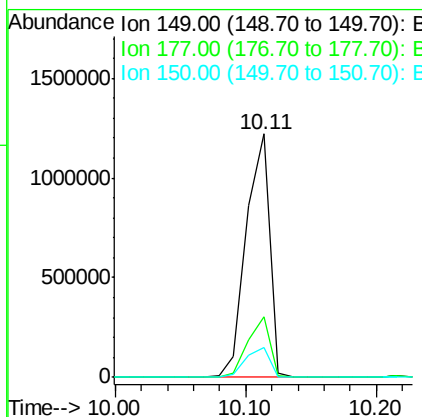
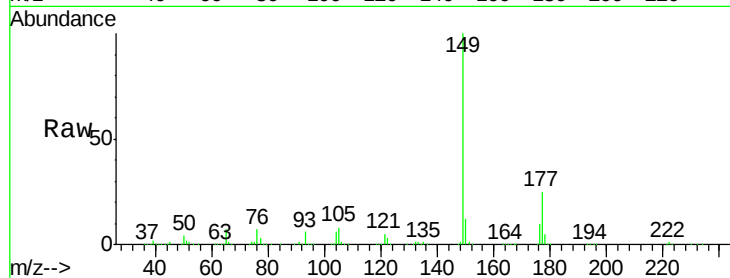
#59
Diethylphthalate
Concen: 58.06 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:149 Resp: 1519406
Ion Ratio Lower Upper
149 100
177 24.8 17.7 26.5
150 12.4 10.2 15.2

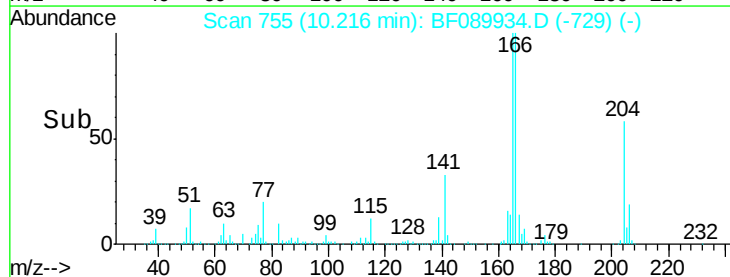
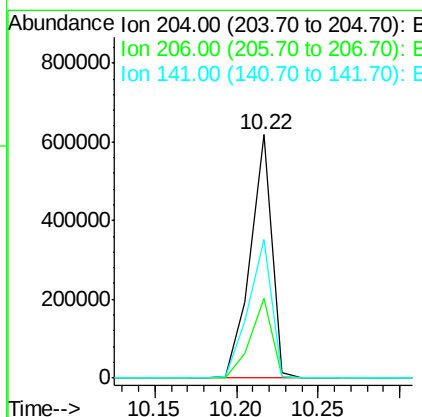
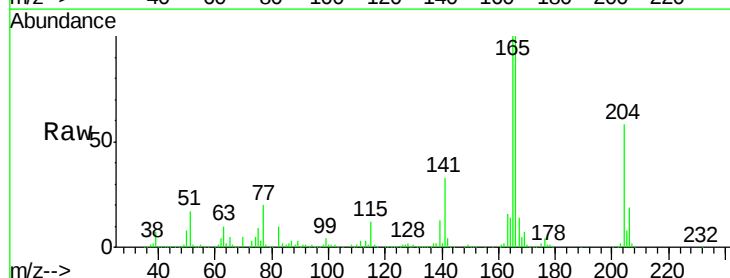
Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM



#60
4-Chlorophenyl-phenylether
Concen: 53.34 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion:204 Resp: 567658
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 56.9 36.5 54.7#





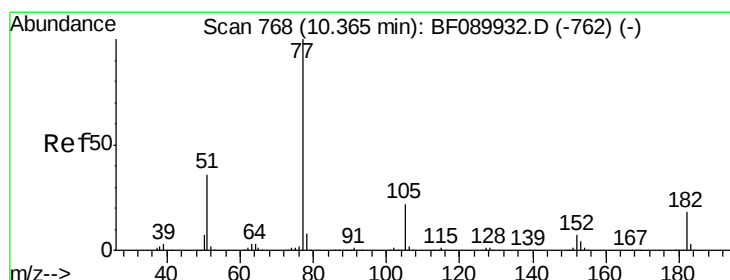
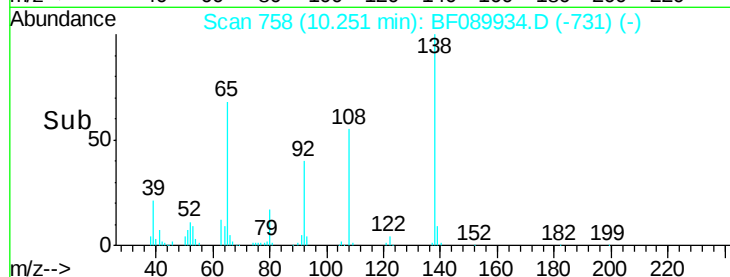
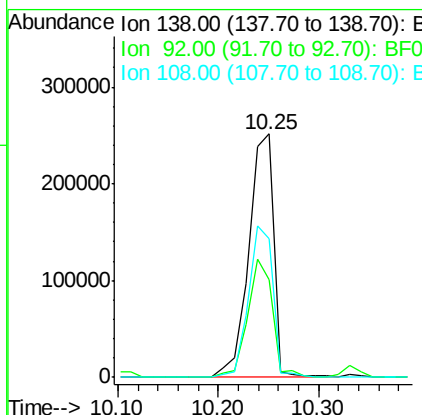
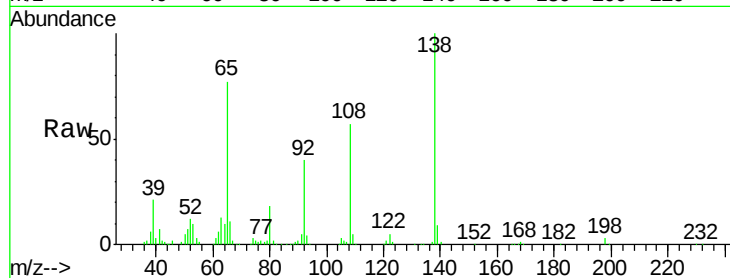
#61
4-Nitroaniline
Concen: 66.72 ng
RT: 10.25 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.0	21.2	61.2
108	57.2	37.7	77.7

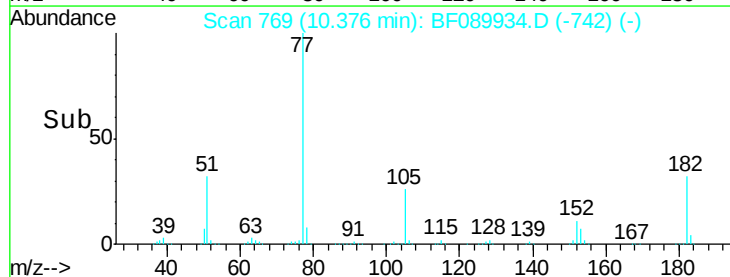
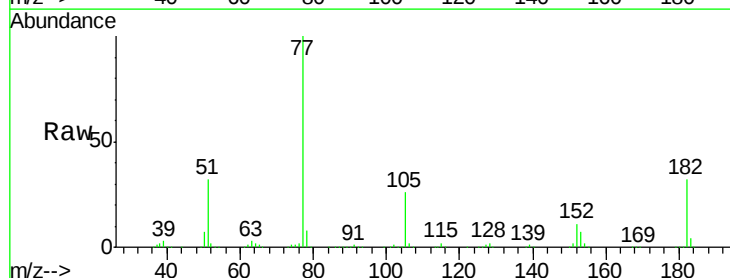
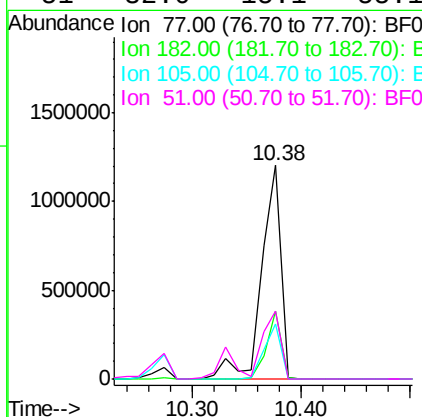
Manual Integrations
APPROVED

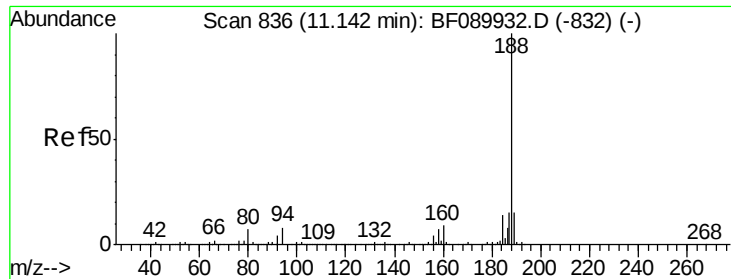
SOHIL
9/1/2016 11:51:59 AM



#62
Azobenzene
Concen: 59.35 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.9	0.0	38.6
105	26.0	2.3	42.3
51	32.0	15.1	55.1





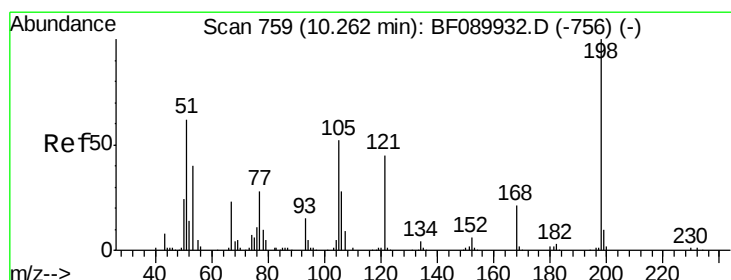
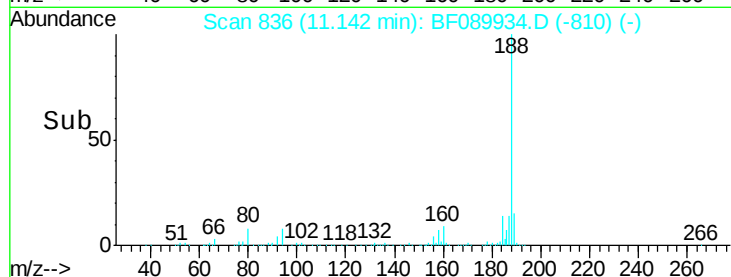
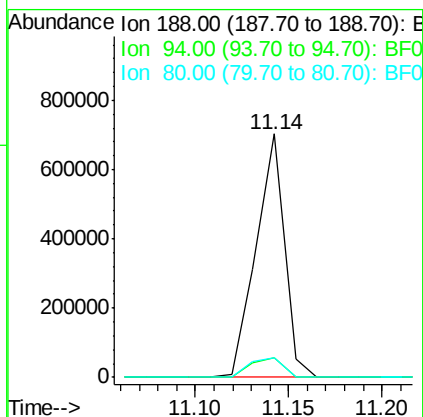
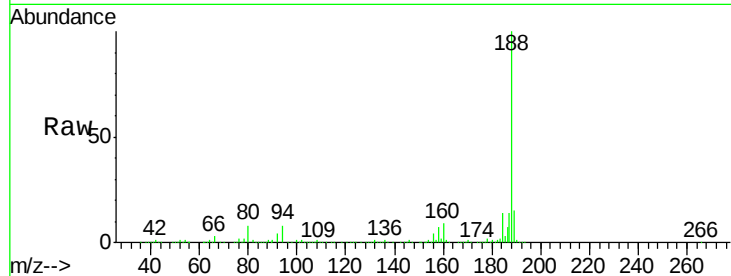
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.2	5.9	8.9
80	8.2	5.8	8.8

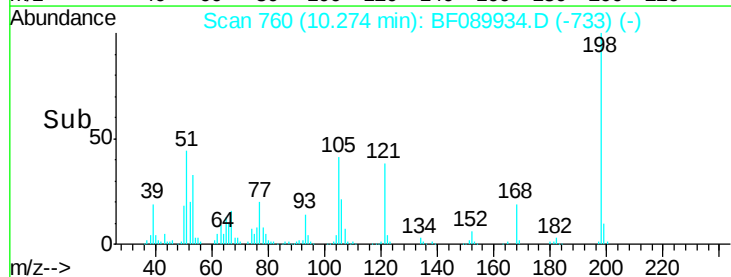
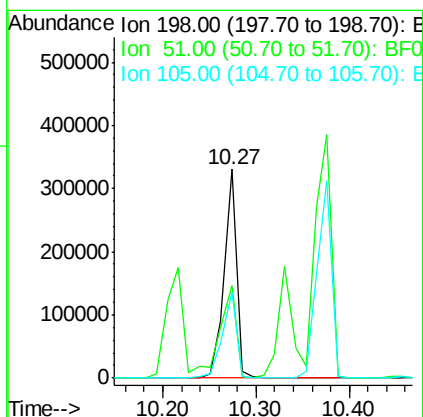
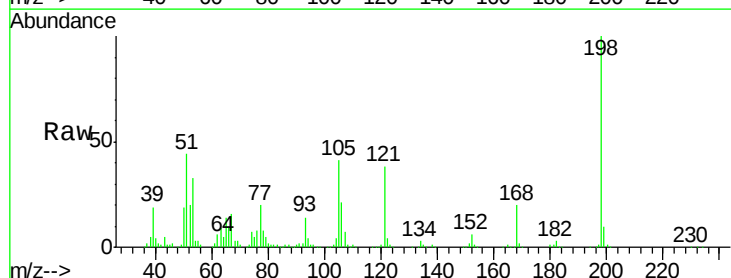
Manual Integrations
APPROVED

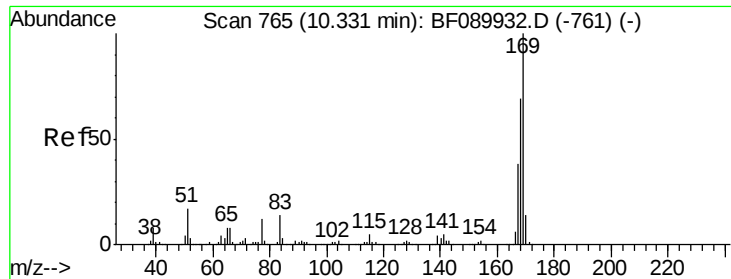
SOHIL
9/1/2016 11:51:59 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 67.89 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.4	43.0	83.0
105	41.1	30.3	70.3





#65

n-Nitrosodiphenylamine

Concen: 53.72 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:169 Resp: 1213830

Ion Ratio Lower Upper

169 100

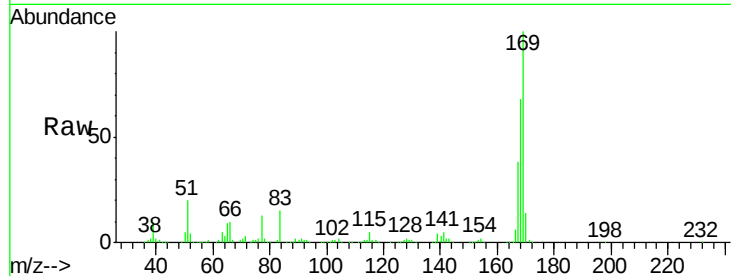
168 67.7 55.0 82.4

167 37.6 30.5 45.7

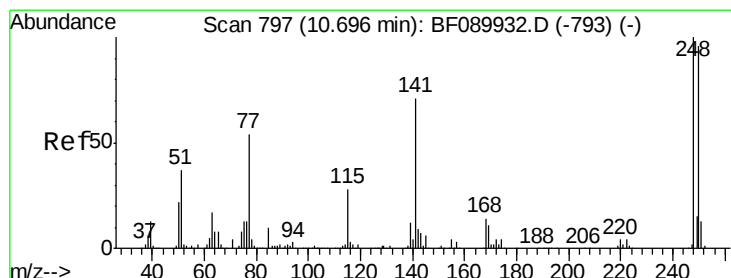
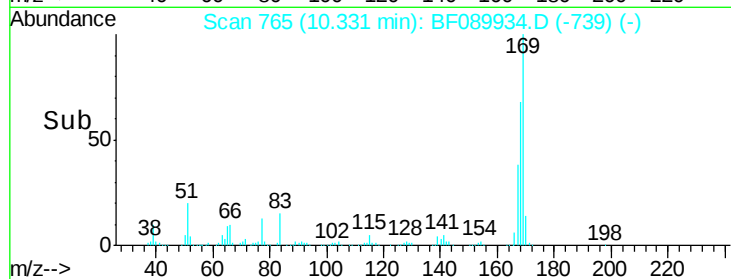
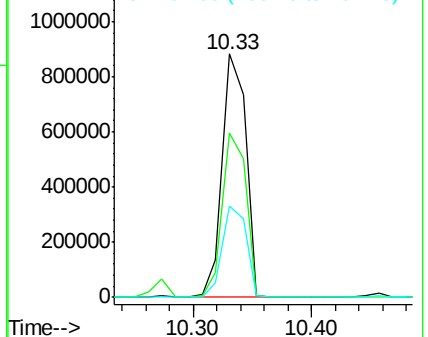
Manual Integrations
APPROVED

SOHIL

9/1/2016 11:51:59 AM



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



#66

4-Bromophenyl-phenylether

Concen: 52.30 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

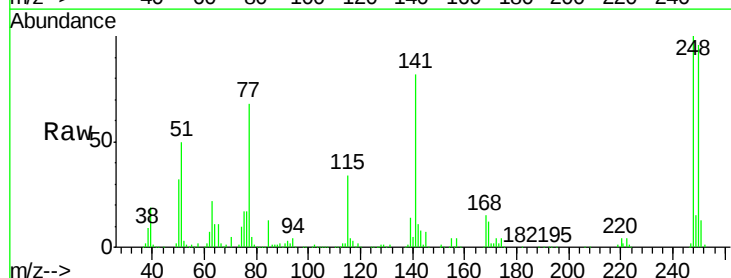
Tgt Ion:248 Resp: 389378

Ion Ratio Lower Upper

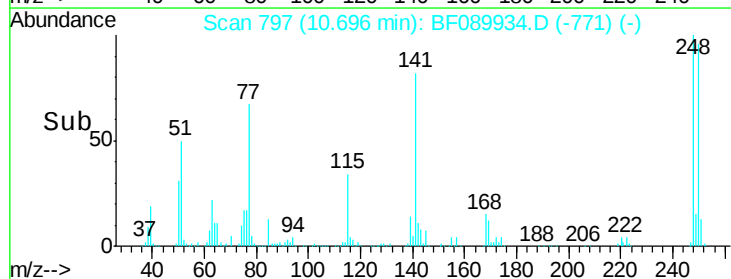
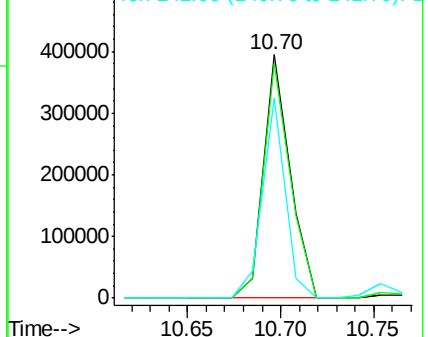
248 100

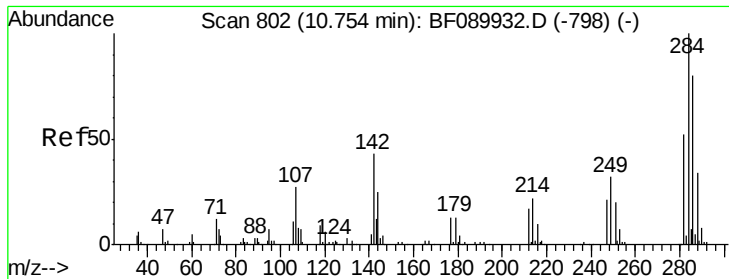
250 96.3 77.3 115.9

141 82.1 55.8 83.8



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





#67

Hexachlorobenzene

Concen: 56.76 ng

RT: 10.77 min Scan# 803

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

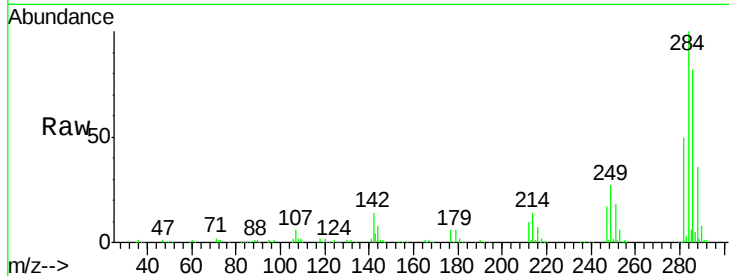
ClientSampleId :

SSTDICC060

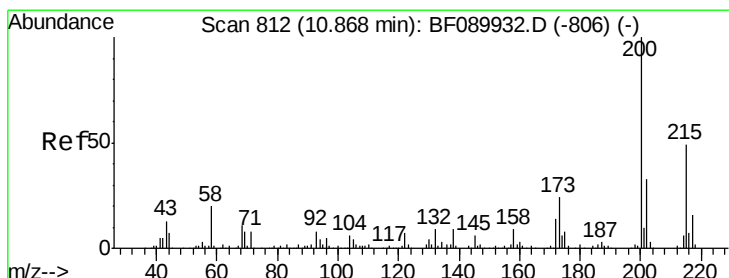
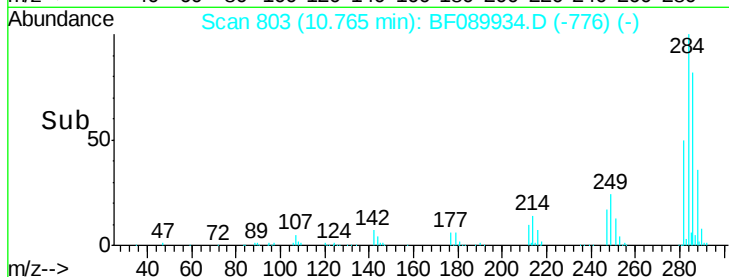
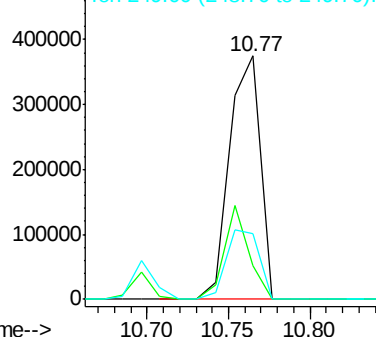
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	491515		
142	13.9	32.7	49.1#	
249	26.9	26.9	40.3	

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM



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



#68

Atrazine

Concen: 57.45 ng

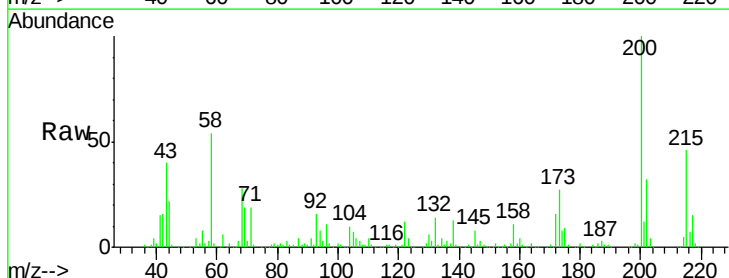
RT: 10.87 min Scan# 812

Delta R.T. 0.01 min

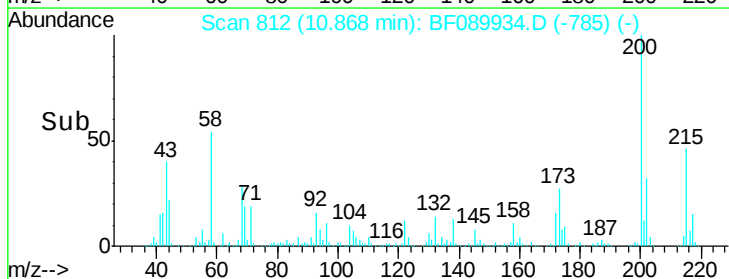
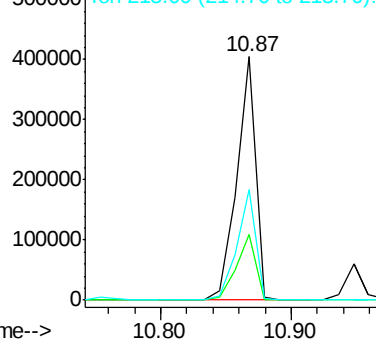
Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	411190		
173	27.2	9.4	49.4	
215	45.5	24.5	64.5	



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: 62.87 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

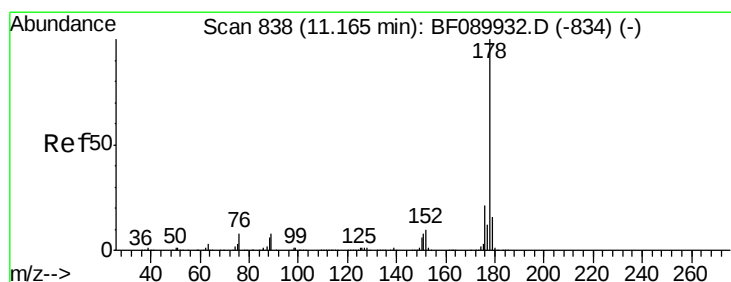
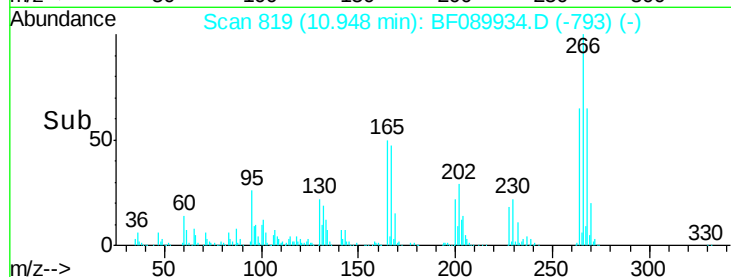
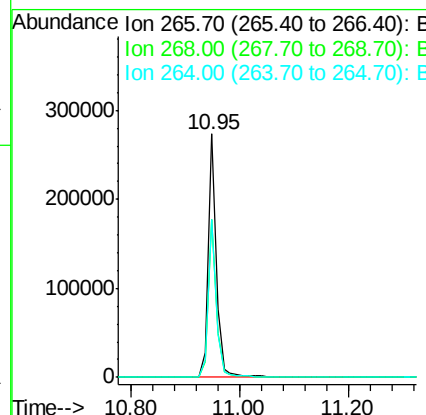
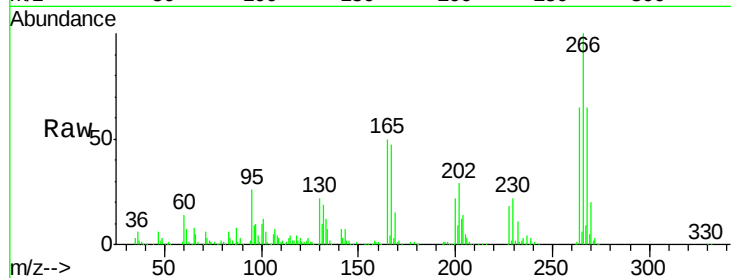
ClientSampleId :

SSTDICC060

Tgt Ion:	266	Resp:	281616
Ion Ratio		Lower	Upper
266	100		
268	65.1	51.0	76.6
264	65.0	50.6	75.8

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM



#70

Phenanthrene

Concen: 49.00 ng

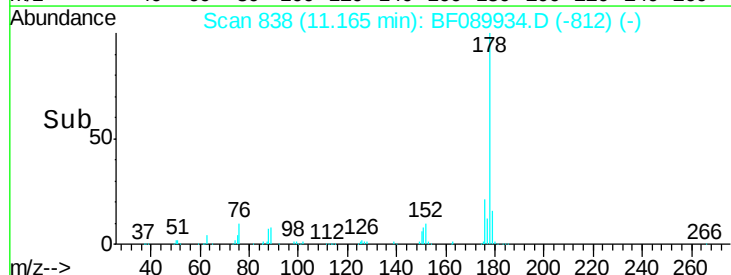
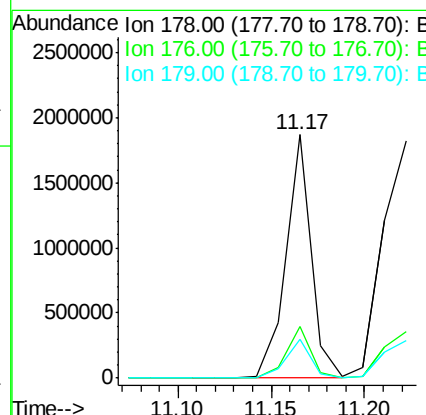
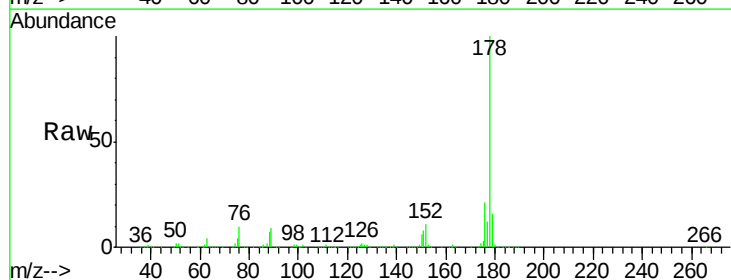
RT: 11.17 min Scan# 838

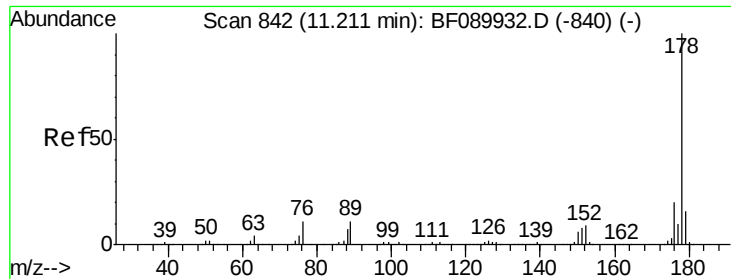
Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Tgt Ion:	178	Resp:	1759851
Ion Ratio		Lower	Upper
178	100		
176	21.0	16.5	24.7
179	16.1	12.8	19.2





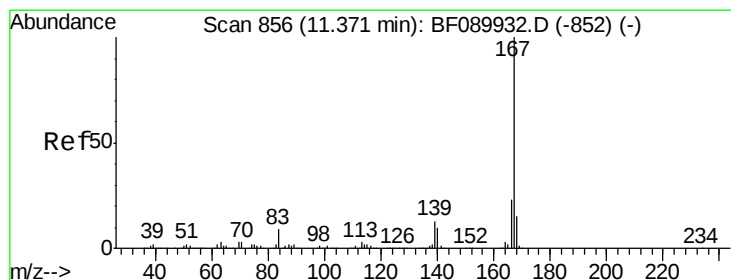
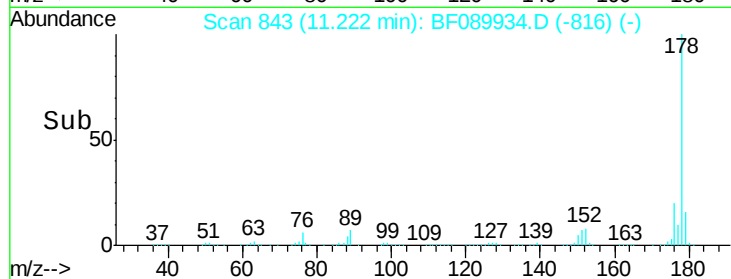
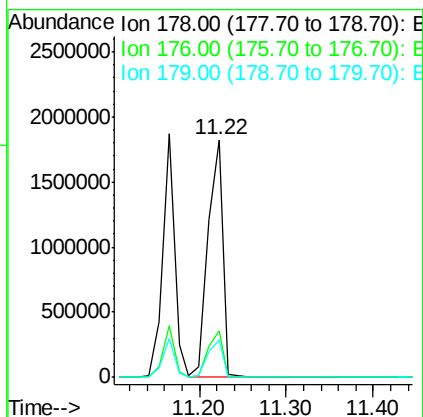
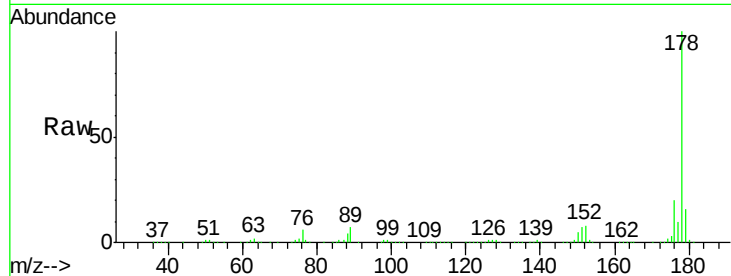
#71
 Anthracene
 Concen: 57.50 ng
 RT: 11.22 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.4

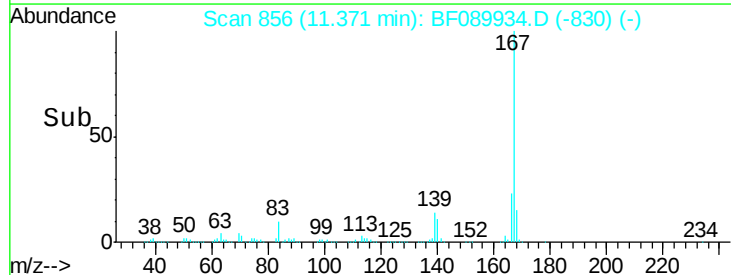
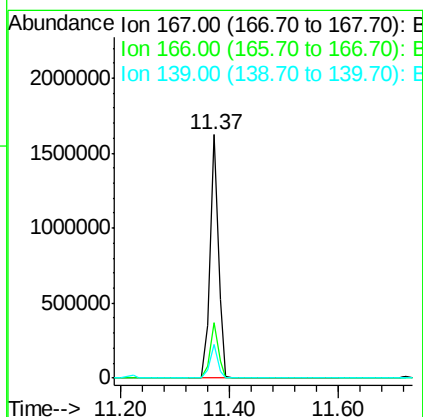
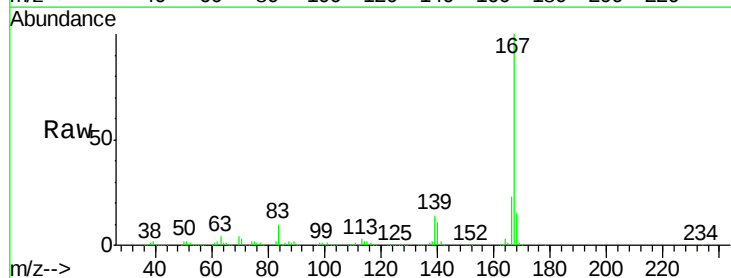
Manual Integrations
 APPROVED

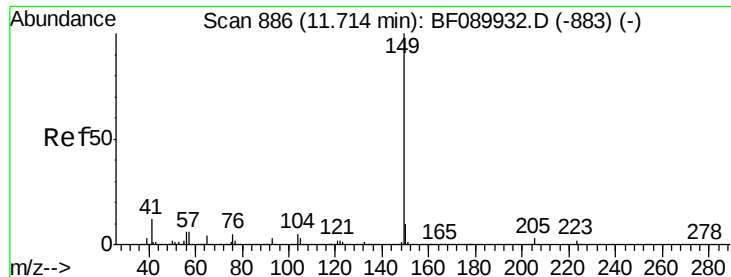
SOHIL
 9/1/2016 11:51:59 AM



#72
 Carbazole
 Concen: 50.32 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	13.9	10.4	15.6





#73

Di-n-butylphthalate

Concen: 56.88 ng

RT: 11.73 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:149 Resp: 2387366

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

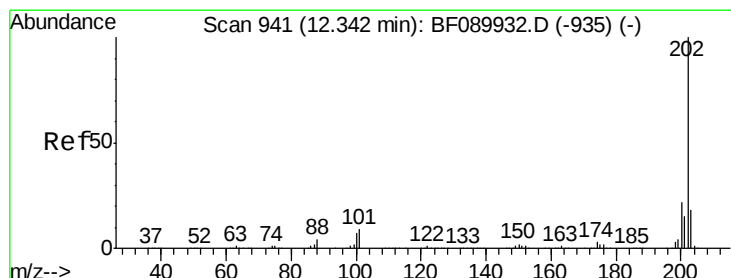
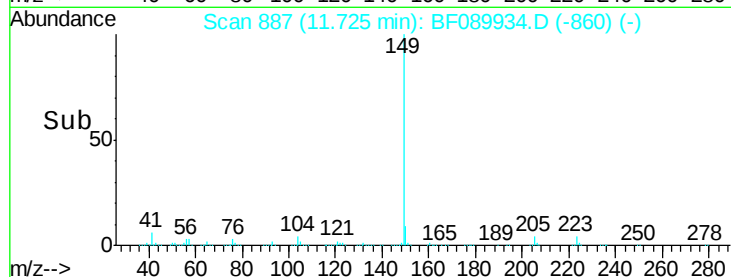
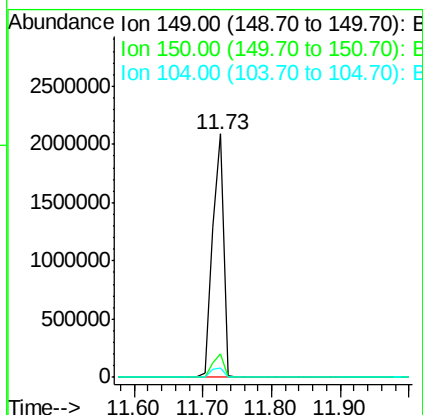
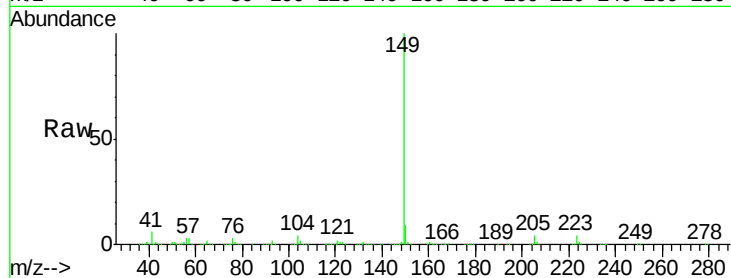
104 4.0 3.9 5.9

Manual Integrations

APPROVED

SOHIL

9/1/2016 11:51:59 AM



#74

Fluoranthene

Concen: 53.03 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

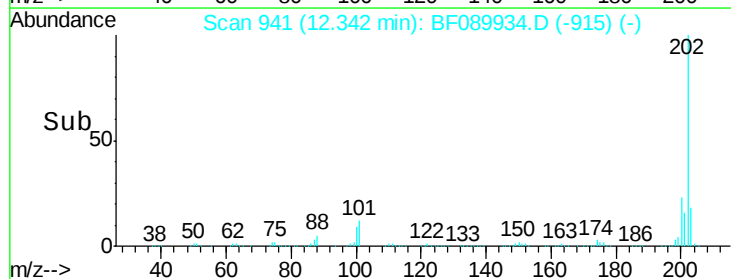
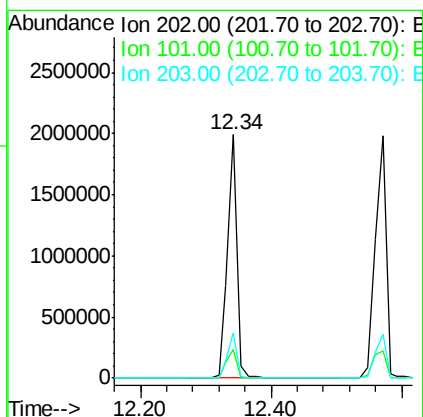
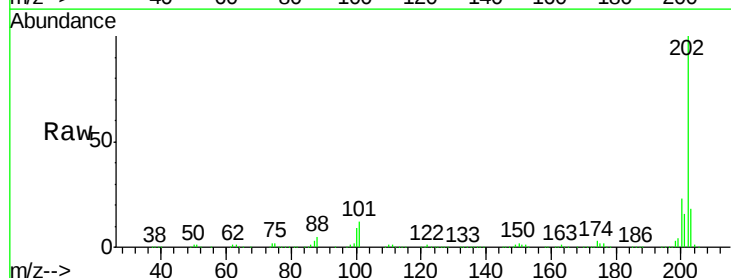
Tgt Ion:202 Resp: 2020845

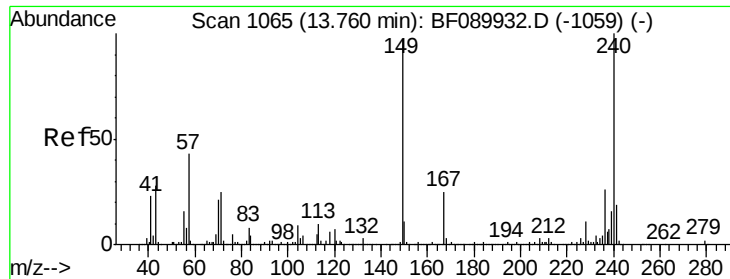
Ion Ratio Lower Upper

202 100

101 11.9 0.0 28.5

203 18.5 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:240 Resp: 560804
Ion Ratio Lower Upper

240 100

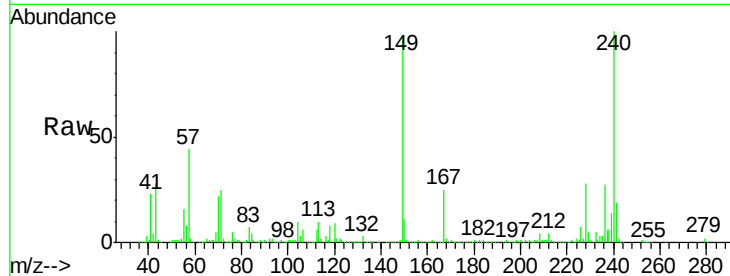
120 8.7 5.7 8.5#

236 26.8 21.3 31.9

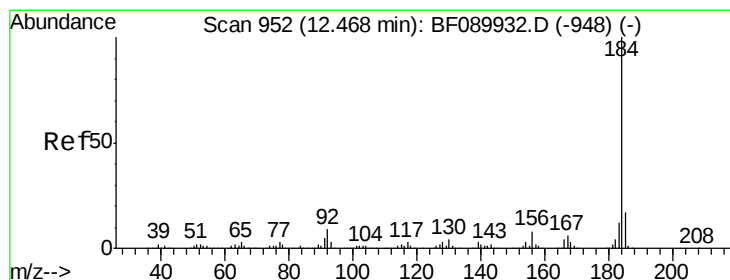
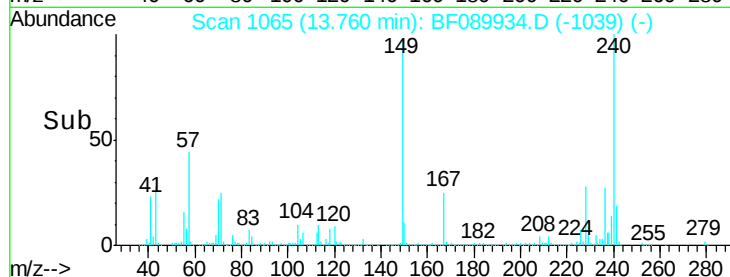
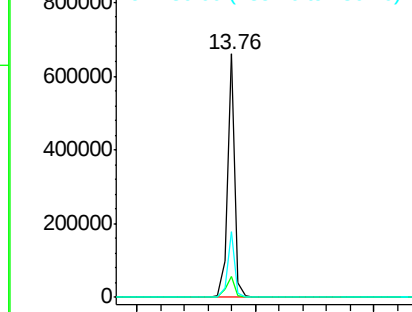
Manual Integrations
APPROVED

SOHIL

9/1/2016 11:51:59 AM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 54.69 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089934.D

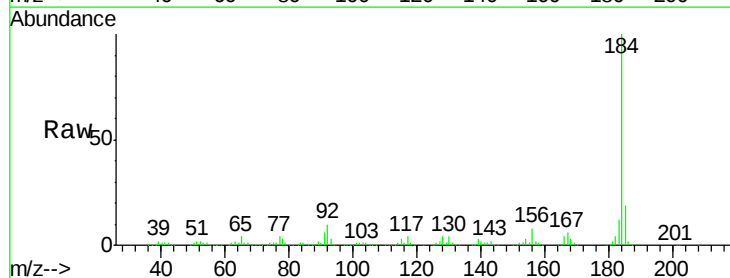
Acq: 31 Aug 2016 5:01

Tgt Ion:184 Resp: 1132945
Ion Ratio Lower Upper

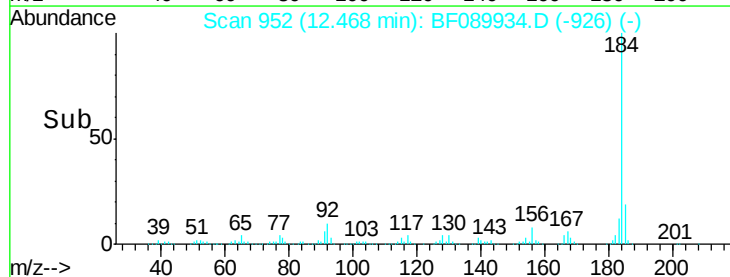
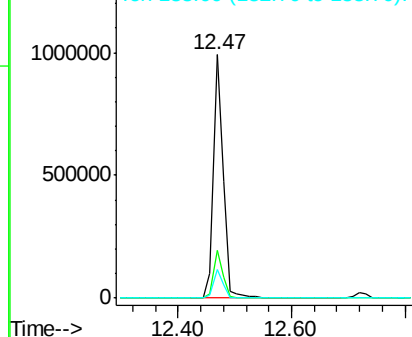
184 100

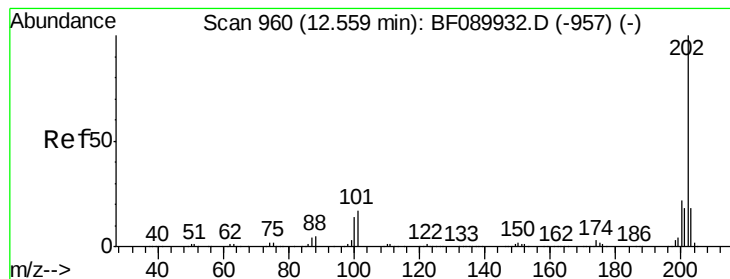
185 19.5 13.8 20.8

183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 57.90 ng

RT: 12.57 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 202 Resp: 2261753

Ion Ratio Lower Upper

202 100

200 23.0 17.6 26.4

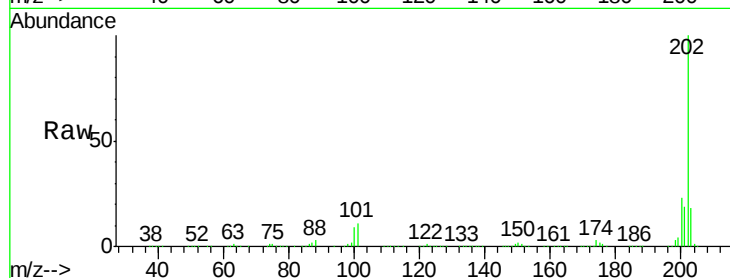
203 17.9 14.6 21.8

Manual Integrations

APPROVED

SOHIL

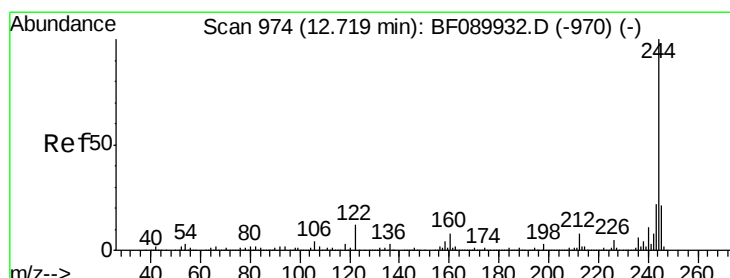
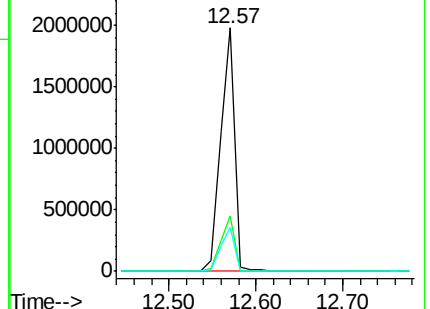
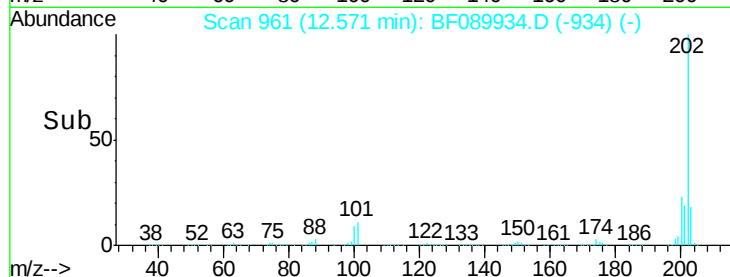
9/1/2016 11:51:59 AM



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: 54.31 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF089934.D

Acq: 31 Aug 2016 5:01

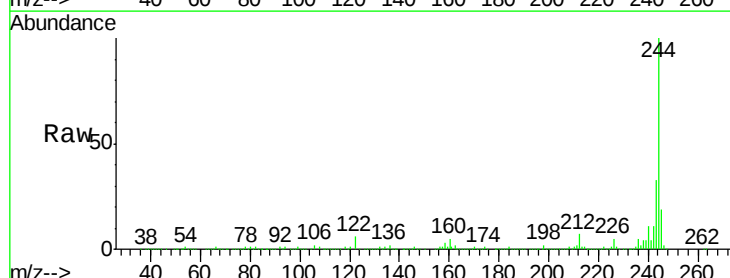
Tgt Ion: 244 Resp: 2480047

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

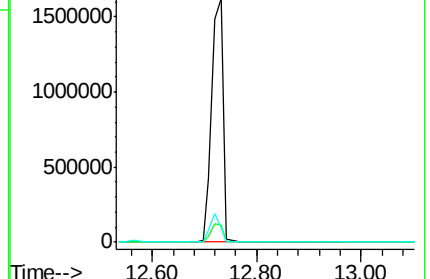
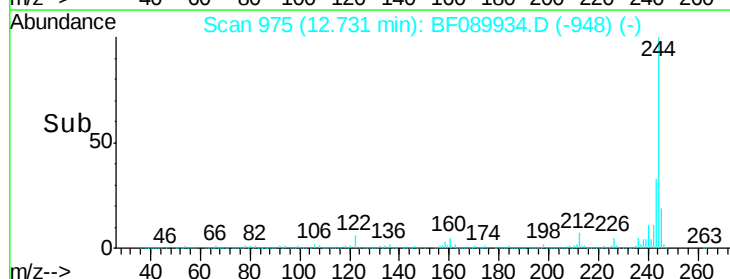
122 6.0 9.6 14.4#



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





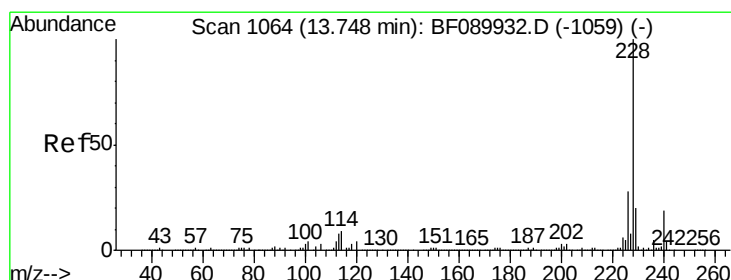
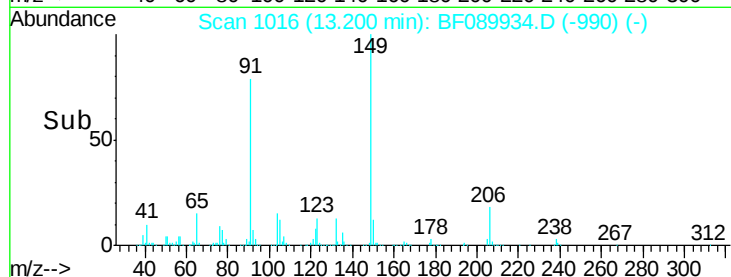
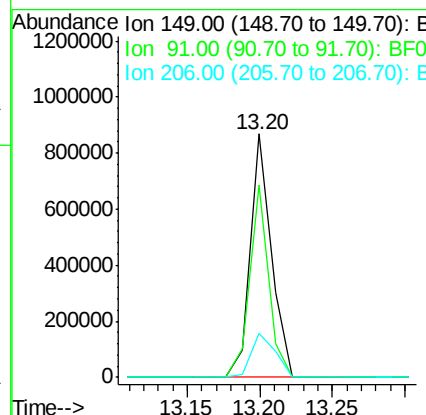
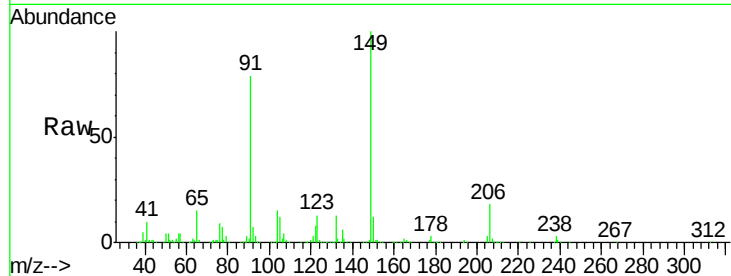
#79
Butylbenzylphthalate
Concen: 56.45 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	872097		
91	79.1	60.0	90.0	
206	17.8	15.1	22.7	

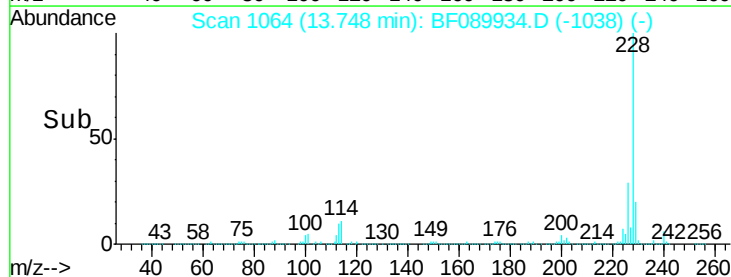
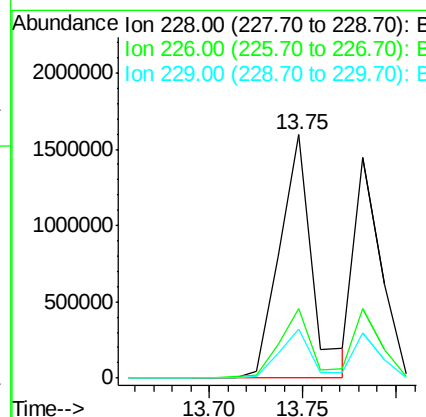
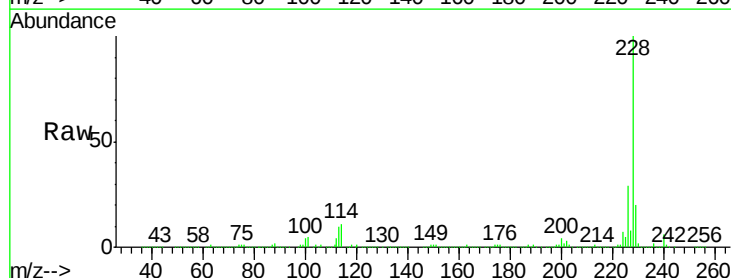
Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM



#80
Benzo(a)anthracene
Concen: 57.43 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1938230		
226	28.6	22.2	33.2	
229	20.0	15.8	23.6	





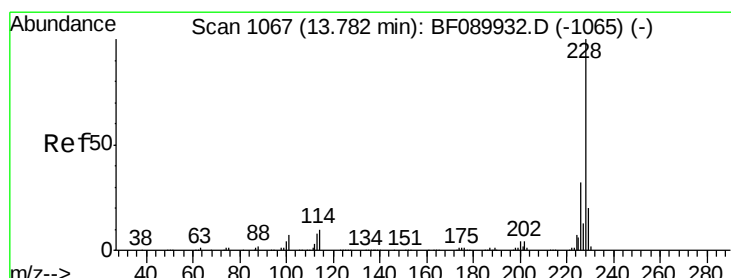
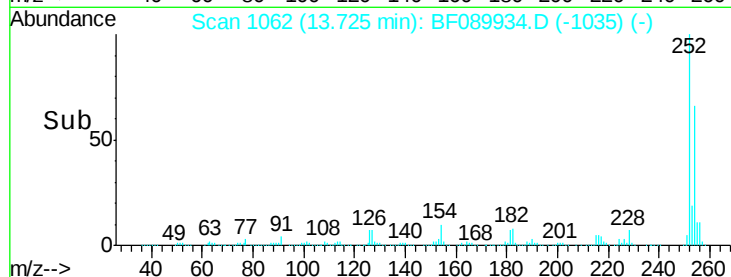
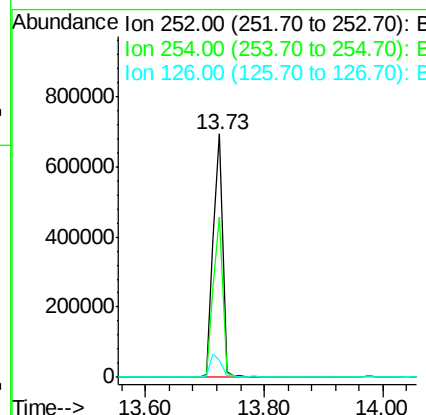
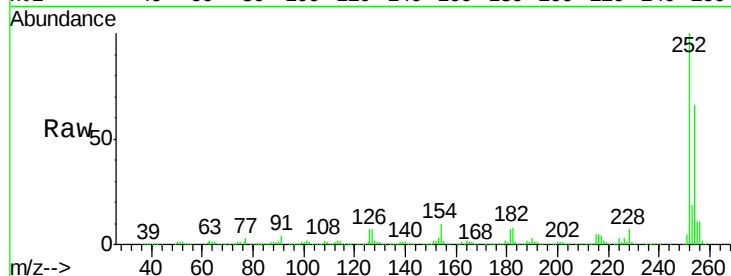
#81
 3,3'-Dichlorobenzidine
 Concen: 64.12 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.01 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.7	51.3	76.9
126	7.3	12.3	18.5

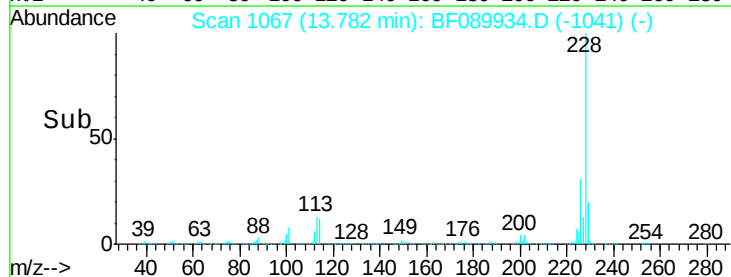
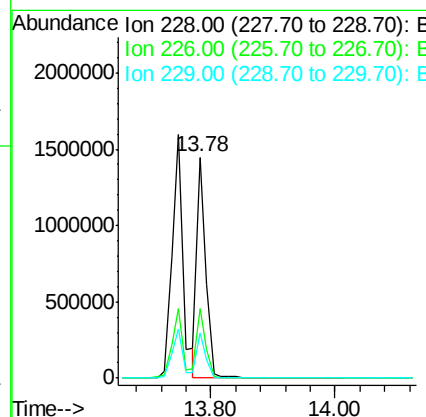
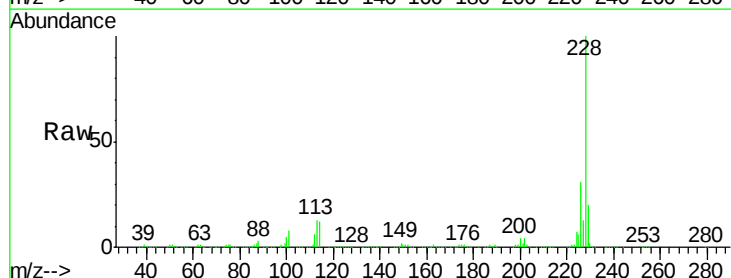
Manual Integrations
 APPROVED

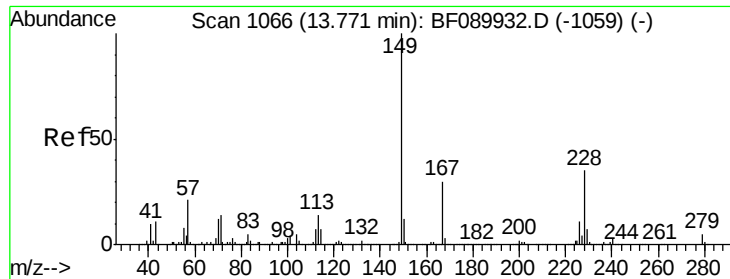
SOHIL
 9/1/2016 11:51:59 AM



#82
 Chrysene
 Concen: 49.15 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.5	25.2	37.8
229	20.4	16.2	24.2





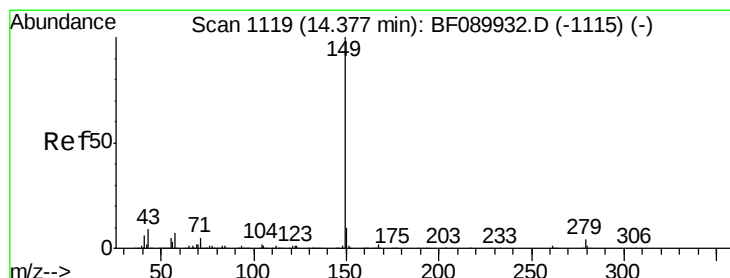
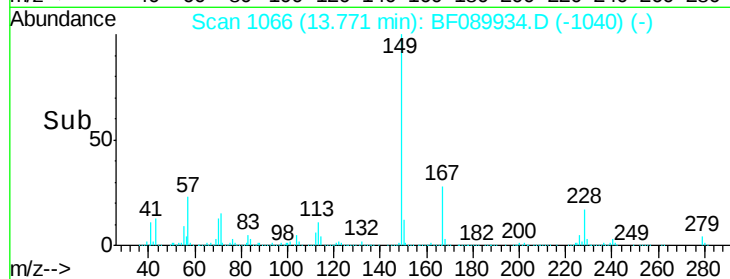
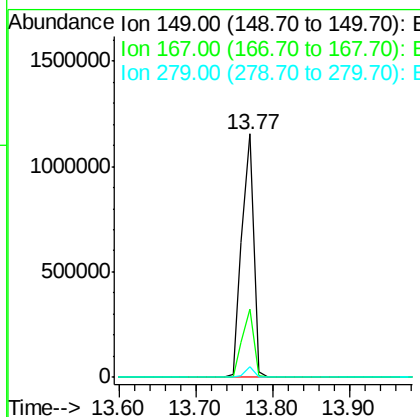
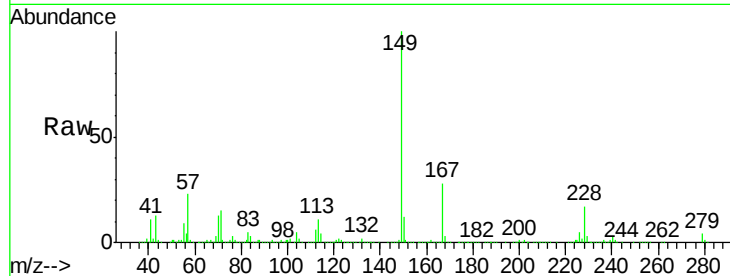
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.85 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.6	35.4
279	4.2	3.4	5.2

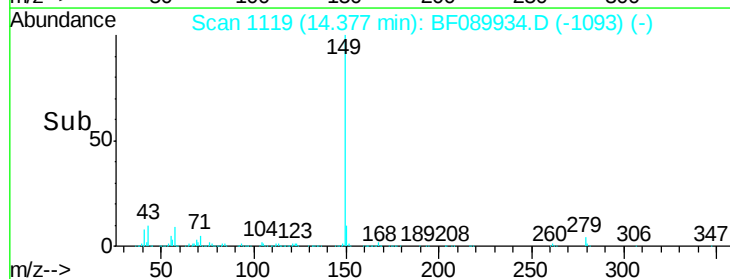
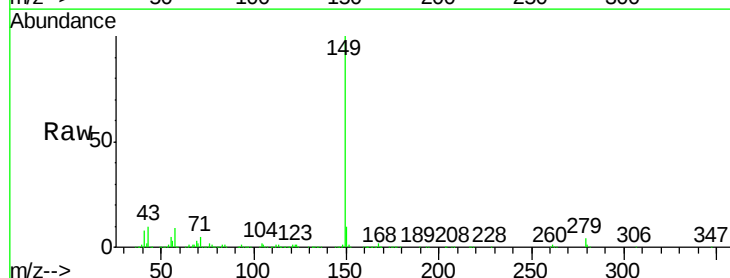
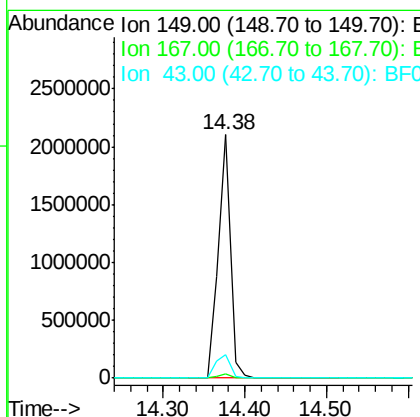
Manual Integrations
 APPROVED

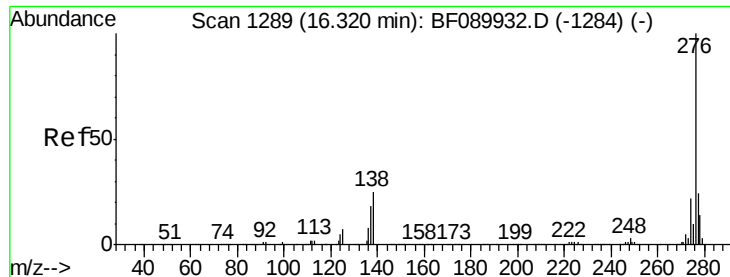
SOHIL
 9/1/2016 11:51:59 AM



#84
 Di-n-octyl phthalate
 Concen: 62.48 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.0	9.3	13.9





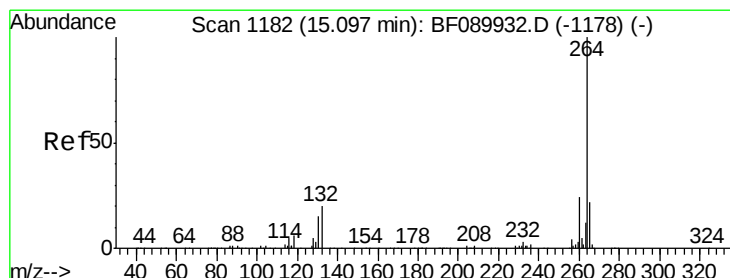
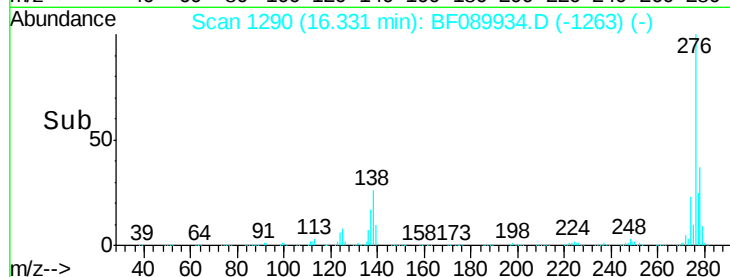
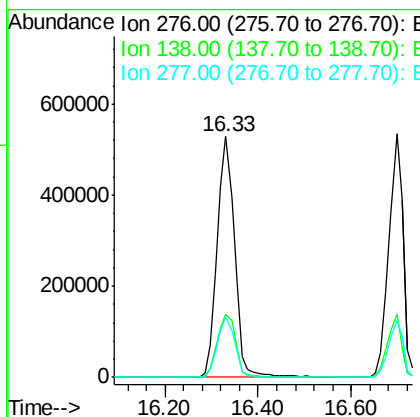
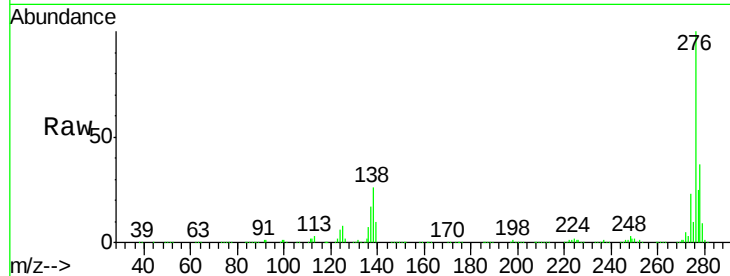
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.15 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	22.6	34.0
277	25.3	20.1	30.1

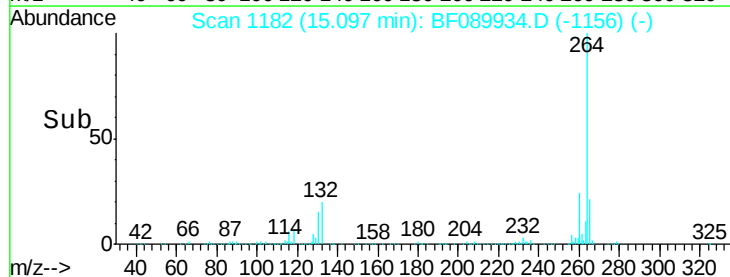
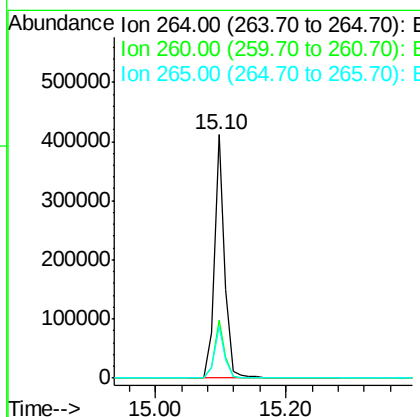
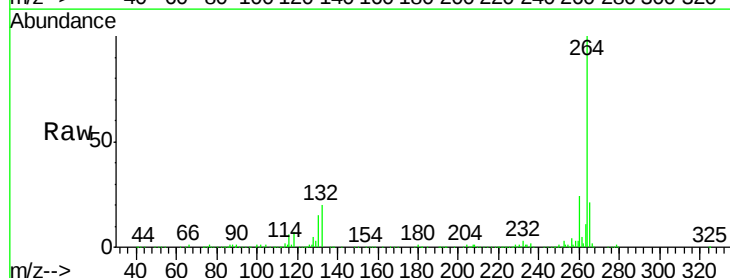
Manual Integrations
 APPROVED

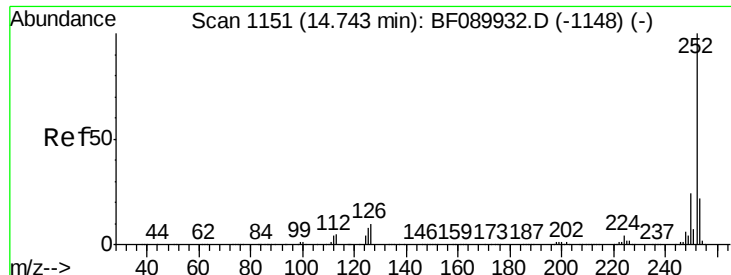
SOHIL
 9/1/2016 11:51:59 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.4	17.4	26.2





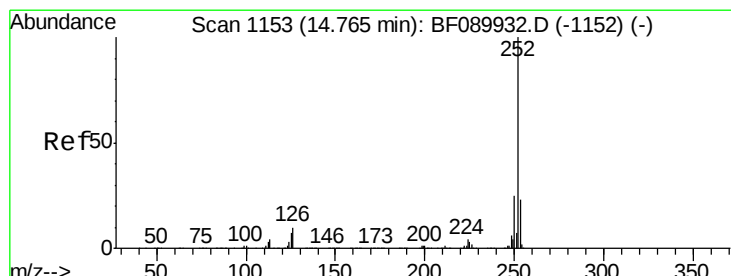
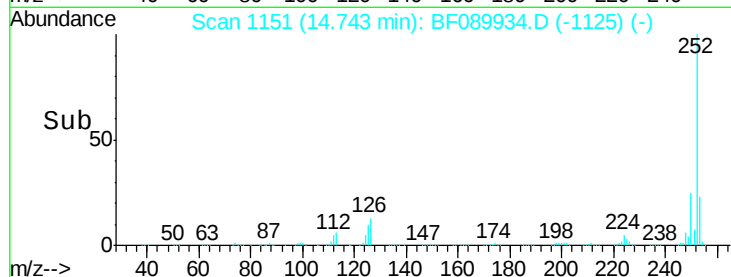
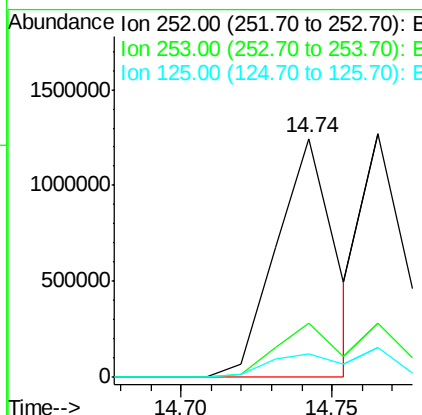
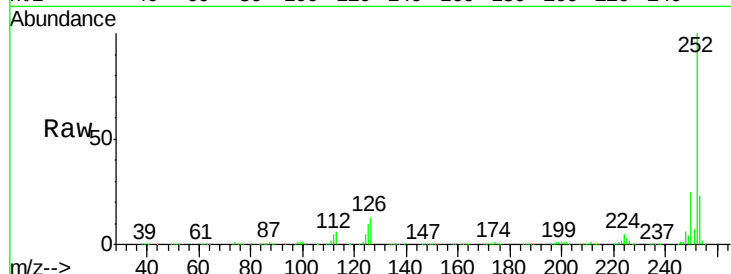
#87
Benzo(b)fluoranthene
Concen: 59.60 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.8	5.7	8.5#

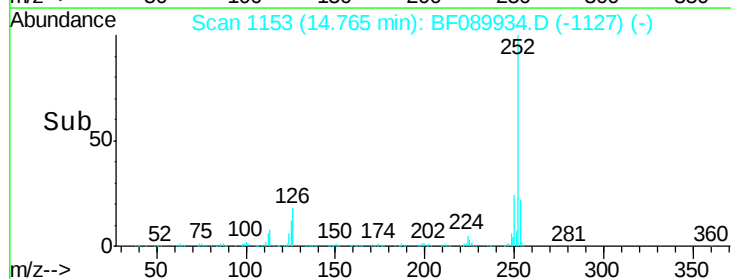
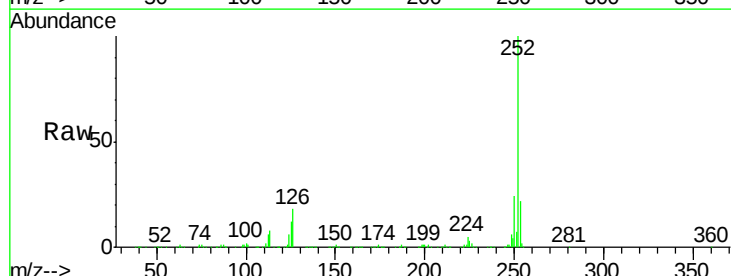
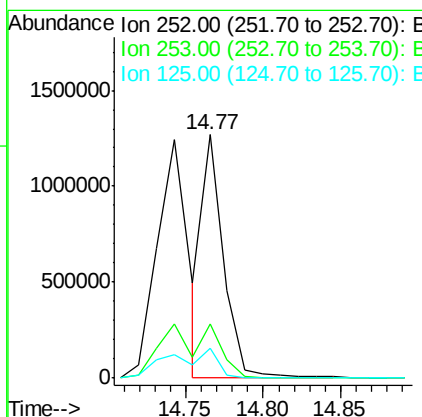
Manual Integrations
APPROVED

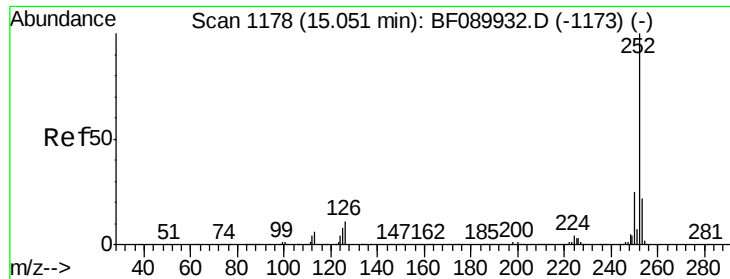
SOHIL
9/1/2016 11:51:59 AM



#88
Benzo(k)fluoranthene
Concen: 51.70 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	12.2	7.3	10.9#





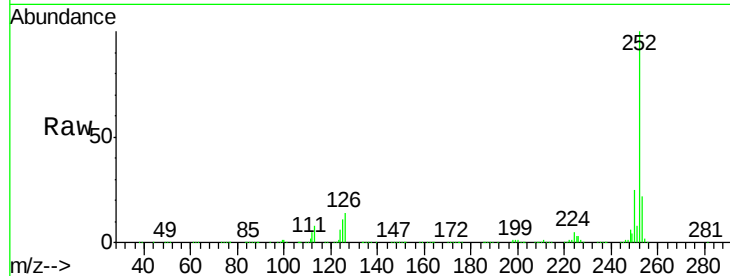
#89
Benzo(a)pyrene
Concen: 58.31 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.8	6.3	9.5

Manual Integrations
APPROVED

SOHIL
9/1/2016 11:51:59 AM

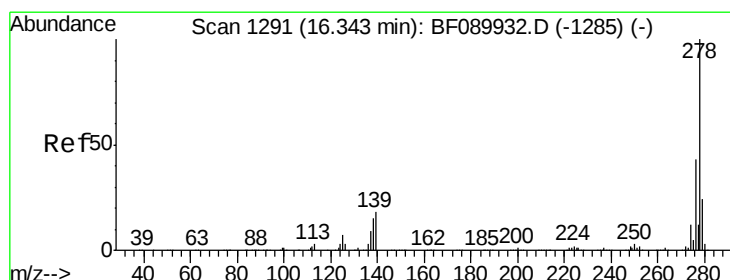
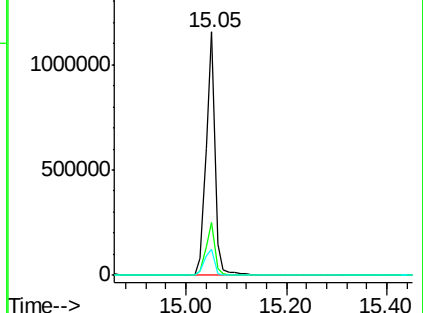
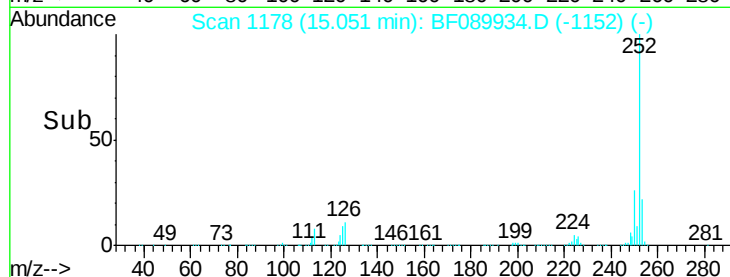


Abundance

Ion 252.00 (251.70 to 252.70): E

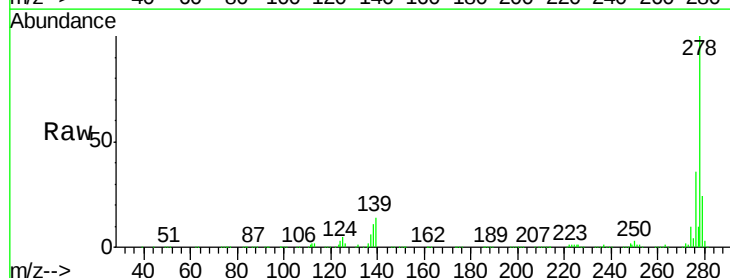
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 59.93 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF089934.D
Acq: 31 Aug 2016 5:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	13.4	20.2
279	24.0	19.4	29.2

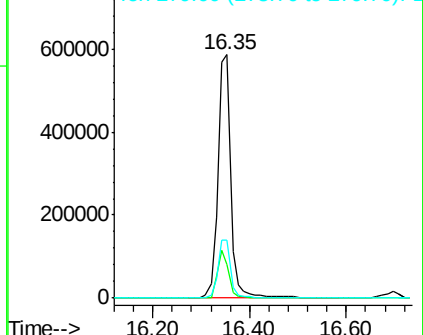
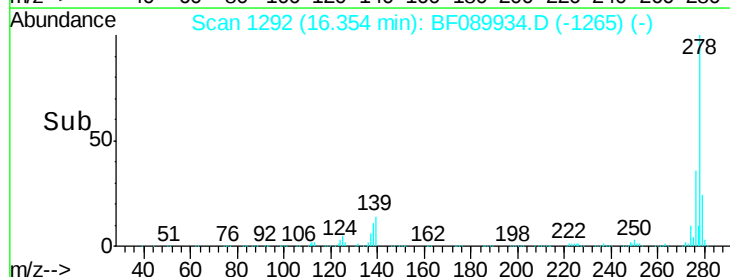


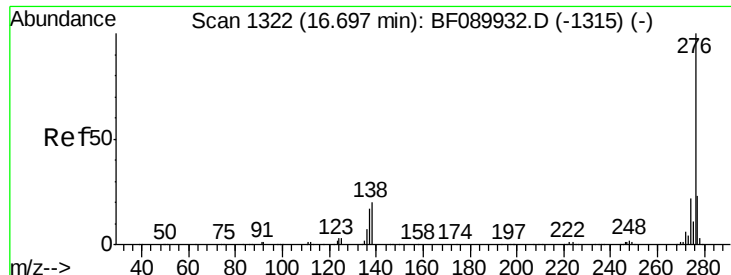
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 61.12 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF089934.D
 Acq: 31 Aug 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.4
138	26.0	16.4	24.6

Manual Integrations
 APPROVED

SOHIL
 9/1/2016 11:51:59 AM

