

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
 Data File : BF089054.D
 Acq On : 16 Jul 2016 14:38
 Operator : UM/SJ
 Sample : H3951-21MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MS

Manual Integrations

sohil
 7/18/2016 7:36:21 PM

Quant Time: Jul 18 01:50:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	55485	20.00	ng	-0.05
21) Naphthalene-d8	7.95	136	224200	20.00	ng	-0.05
38) Acenaphthene-d10	9.70	164	92469	20.00	ng	-0.05
63) Phenanthrene-d10	11.18	188	137047	20.00	ng	-0.05
75) Chrysene-d12	13.82	240	98813	20.00	ng	-0.03
86) Perylene-d12	15.19	264	86997	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	424795	114.74	ng	-0.02
7) Phenol-d6	6.33	99	543900	113.70	ng	-0.02
23) Nitrobenzene-d5	7.23	82	313320	73.24	ng	-0.05
41) 2,4,6-Tribromophenol	10.49	330	64822	75.49	ng	-0.05
44) 2-Fluorobiphenyl	9.03	172	556447	95.05	ng	-0.05
78) Terphenyl-d14	12.77	244	318490	71.79	ng	-0.03

Target Compounds

						Qvalue
3) Pyridine	2.82	79	117717	22.10	ng	93
4) n-Nitrosodimethylamine	2.78	42	70086	34.44	ng	97
6) Aniline	6.34	93	61742	8.86	ng	# 1
8) 2-Chlorophenol	6.46	128	165985	41.72	ng	93
9) Benzaldehyde	6.20	77	76972	23.75	ng	92
10) Phenol	6.34	94	231991	42.49	ng	87
11) bis(2-Chloroethyl)ether	6.41	93	234183	57.52	ng	86
12) 1,3-Dichlorobenzene	6.60	146	166403	38.00	ng	99
13) 1,4-Dichlorobenzene	6.68	146	174635	40.18	ng	99
14) 1,2-Dichlorobenzene	6.83	146	143496m	35.28	ng	
15) Benzyl Alcohol	6.82	79	156255	44.38	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	182280	30.92	ng	79
17) 2-Methylphenol	6.95	107	134292	41.37	ng	# 92
18) Hexachloroethane	7.18	117	57010	33.91	ng	# 88
19) n-Nitroso-di-n-propylamine	7.10	70	127049	39.54	ng	89
20) 3+4-Methylphenols	7.10	107	160725	41.26	ng	# 79
22) Acetophenone	7.08	105	233551	42.92	ng	# 96
24) Nitrobenzene	7.26	77	195225	45.26	ng	88
25) Isophorone	7.50	82	311217	39.27	ng	97
26) 2-Nitrophenol	7.56	139	41455	23.44	ng	# 85
27) 2,4-Dimethylphenol	7.62	122	124511	33.80	ng	86
28) bis(2-Chloroethoxy)methane	7.71	93	201439	39.06	ng	# 96
29) 2,4-Dichlorophenol	7.82	162	111058	37.30	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	136512	41.78	ng	99
31) Naphthalene	7.98	128	494862	44.77	ng	99
32) Benzoic acid	7.71	122	13002	4.86	ng	99
33) 4-Chloroaniline	8.03	127	122659	24.94	ng	99
34) Hexachlorobutadiene	8.09	225	69448	39.69	ng	97
35) Caprolactam	8.40	113	30807	30.46	ng	92
36) 4-Chloro-3-methylphenol	8.52	107	133171	37.82	ng	92
37) 2-Methylnaphthalene	8.66	142	269068	37.81	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	130833	42.54	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	11627	7.70	ng	96
42) 2,4,6-Trichlorophenol	8.95	196	69279	34.16	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
 Data File : BF089054.D
 Acq On : 16 Jul 2016 14:38
 Operator : UM/SJ
 Sample : H3951-21MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MS

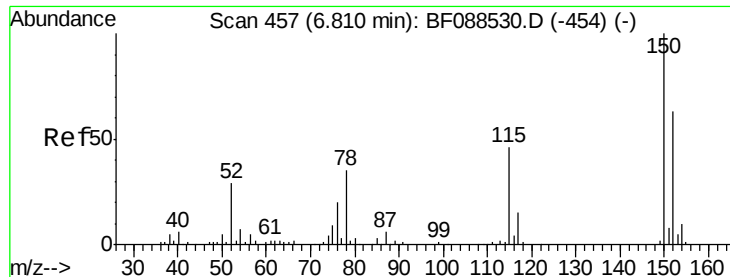
Manual Integrations

sohil
 7/18/2016 7:36:21 PM

Quant Time: Jul 18 01:50:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	67115	38.47	nq	# 80
45) 1,1'-Biphenyl	9.13	154	331742	43.33	nq	99
46) 2-Chloronaphthalene	9.15	162	263771	43.88	nq	99
47) 2-Nitroaniline	9.26	65	97103	45.52	nq	90
48) Acenaphthylene	9.56	152	410014	42.87	nq	99
49) Dimethylphthalate	9.44	163	571665	86.78	nq	99
50) 2,6-Dinitrotoluene	9.50	165	49940	34.20	nq	# 31
51) Acenaphthene	9.74	154	239523	40.85	nq	98
52) 3-Nitroaniline	9.67	138	72819	39.23	nq	98
54) Dibenzofuran	9.91	168	336175	43.81	nq	# 86
55) 4-Nitrophenol	9.85	139	69978	49.61	nq	# 82
56) 2,4-Dinitrotoluene	9.90	165	59444	31.14	nq	# 25
57) Fluorene	10.25	166	276890	46.82	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	46786	34.66	nq	# 45
59) Diethylphthalate	10.14	149	286085	43.27	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	124856	45.44	nq	90
61) 4-Nitroaniline	10.27	138	56824	31.81	nq	# 78
62) Azobenzene	10.41	77	299813	39.76	nq	87
65) n-Nitrosodiphenylamine	10.36	169	213260	45.98	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	61316	44.40	nq	# 72
67) Hexachlorobenzene	10.80	284	62204	40.69	nq	93
68) Atrazine	10.90	200	55945	38.71	nq	93
69) Pentachlorophenol	10.99	266	45301	50.07	nq	97
70) Phenanthrene	11.21	178	754090	100.66	nq	100
71) Anthracene	11.26	178	424672	57.01	nq	98
72) Carbazole	11.42	167	322810	46.04	nq	99
73) Di-n-butylphthalate	11.76	149	415236	50.92	nq	99
74) Fluoranthene	12.40	202	1085962	142.99	nq	99
76) Benzidine	12.51	184	13542	2.71	nq	98
77) Pyrene	12.63	202	1054297	125.84	nq	100
79) Butylbenzylphthalate	13.25	149	147405	39.44	nq	# 77
80) Benzo(a)anthracene	13.81	228	660284	103.77	nq	98
81) 3,3'-Dichlorobenzidine	13.77	252	57942	24.22	nq	# 93
82) Chrysene	13.85	228	509599	80.95	nq	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	206221	48.33	nq	# 100
84) Di-n-octyl phthalate	14.42	149	327808	45.22	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.48	276	313515	64.73	nq	# 100
87) Benzo(b)fluoranthene	14.82	252	749190m	137.28	nq	
88) Benzo(k)fluoranthene	14.85	252	203300m	42.79	nq	
89) Benzo(a)pyrene	15.14	252	460133	99.58	nq	# 96
90) Dibenzo(a,h)anthracene	16.49	278	191407m	49.61	nq	
91) Benzo(g,h,i)perylene	16.87	276	260436	65.23	nq	96

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



#1

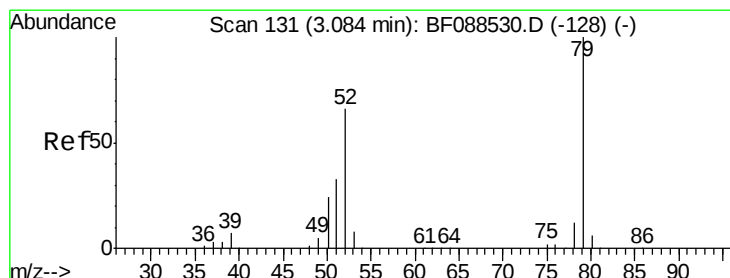
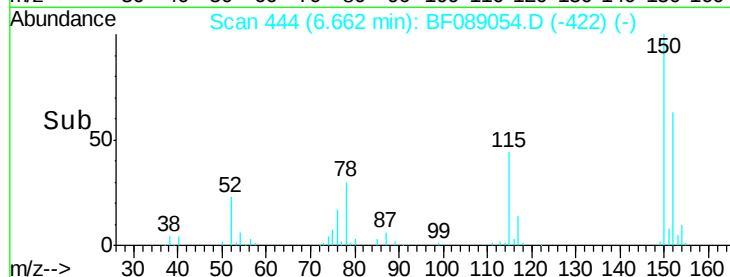
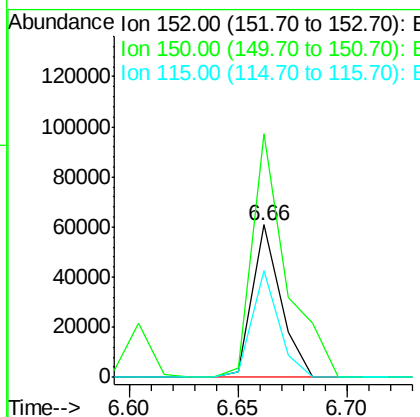
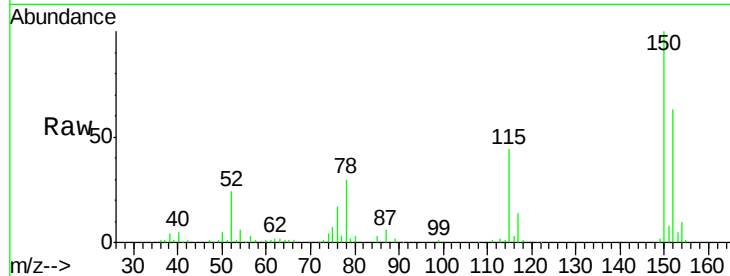
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	123.8	185.6
115	70.3	39.6	59.4

Manual Integrations

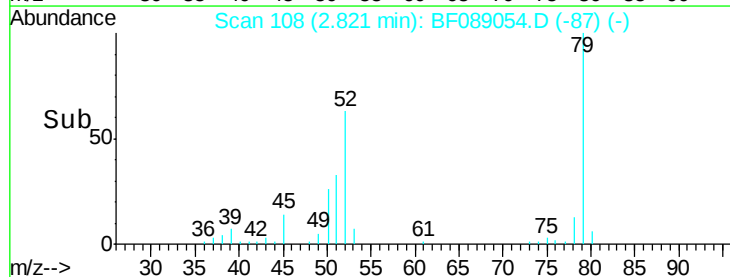
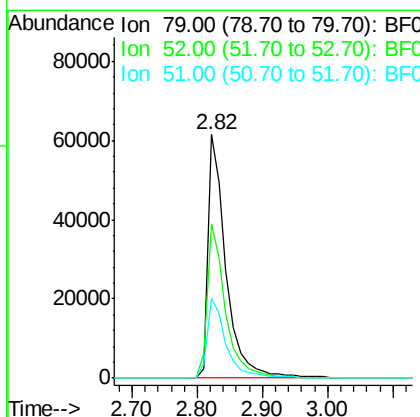
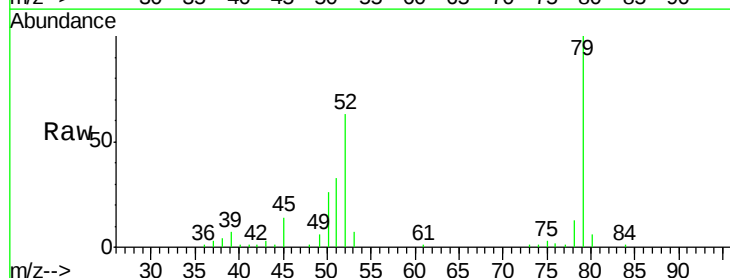
sohil
7/18/2016 7:36:21 PM

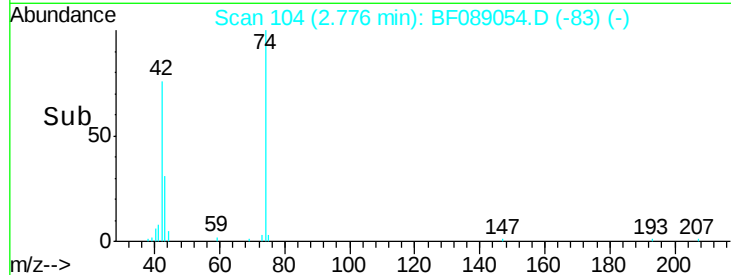
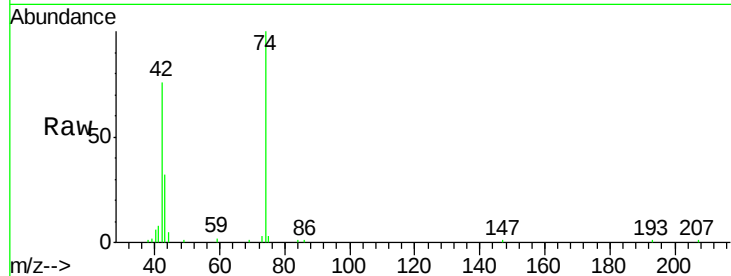
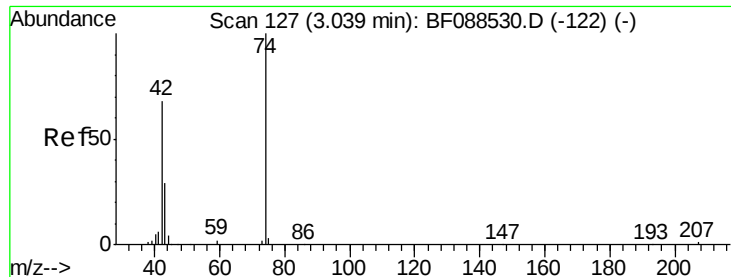


#3

Pyridine
Concen: 22.10 ng
RT: 2.82 min Scan# 108
Delta R.T. -0.06 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
79	100		
52	63.1	56.3	84.5
51	33.0	27.4	41.2





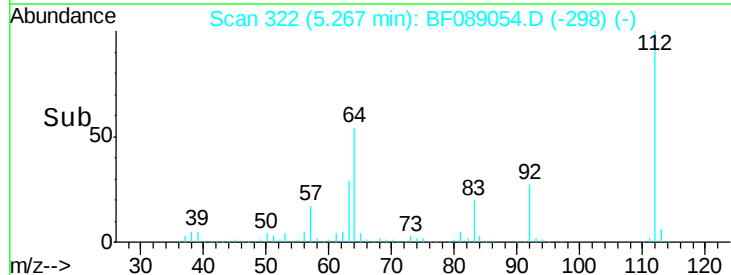
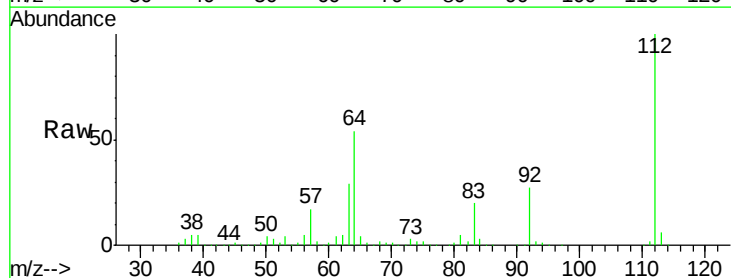
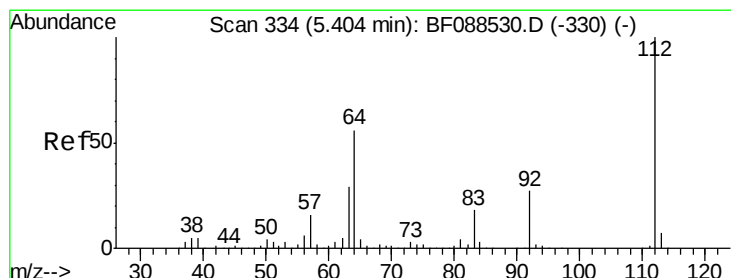
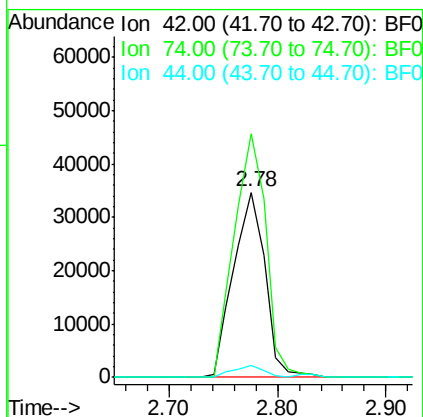
#4
n-Nitrosodimethylamine
Concen: 34.44 ng
RT: 2.78 min Scan# 104
Delta R.T. -0.06 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tot Ion:	42	Resp:	70086
Ion	Ratio	Lower	Upper
42	100		
74	131.5	108.6	163.0
44	6.5	5.5	8.3

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

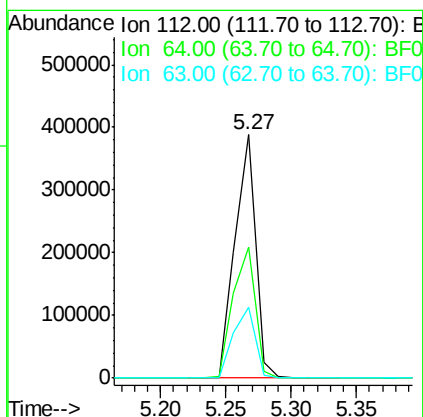
Manual Integrations

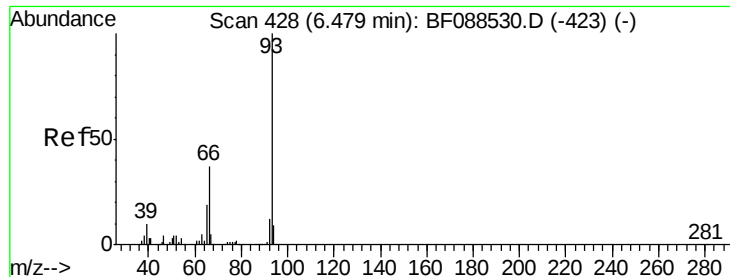
sohil
7/18/2016 7:36:21 PM



#5
2-Fluorophenol
Concen: 114.74 ng
RT: 5.27 min Scan# 322
Delta R.T. -0.02 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion:	112	Resp:	424795
Ion	Ratio	Lower	Upper
112	100		
64	53.8	42.2	63.2
63	29.1	21.8	32.8





#6

Aniline

Concen: 8.86 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.03 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

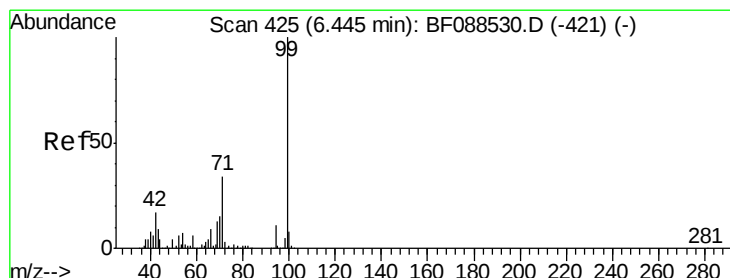
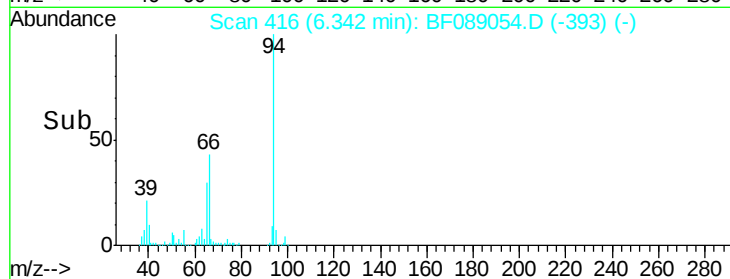
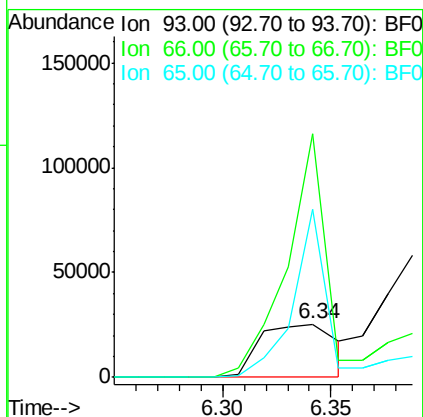
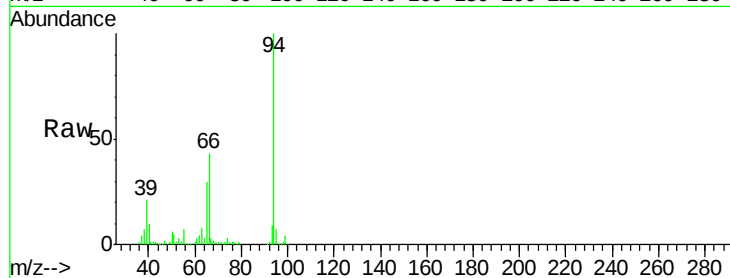
LSS-SB-SB05(0-2ft)MS

Tot Ion:	93	Resp:	61742
Ion Ratio	Lower	Upper	
93	100		
66	457.9	29.8	44.8#
65	315.8	14.9	22.3#

Manual Integrations

sohil

7/18/2016 7:36:21 PM



#7

Phenol-d6

Concen: 113.70 ng

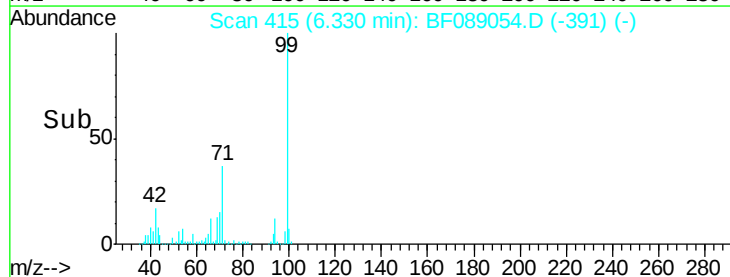
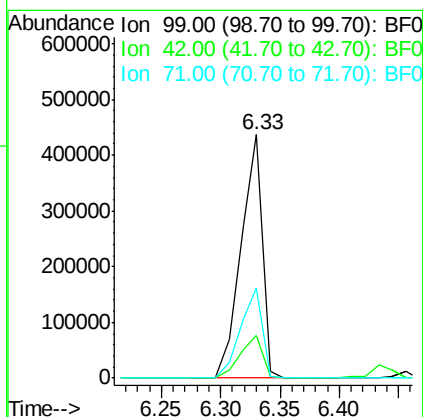
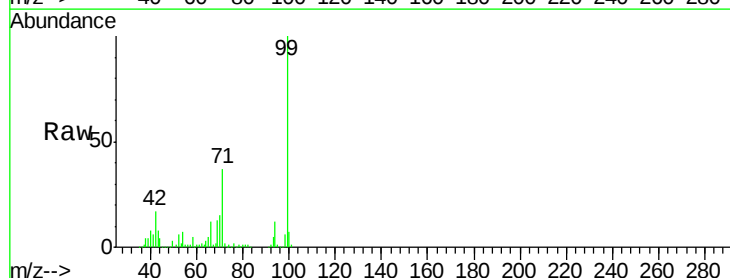
RT: 6.33 min Scan# 415

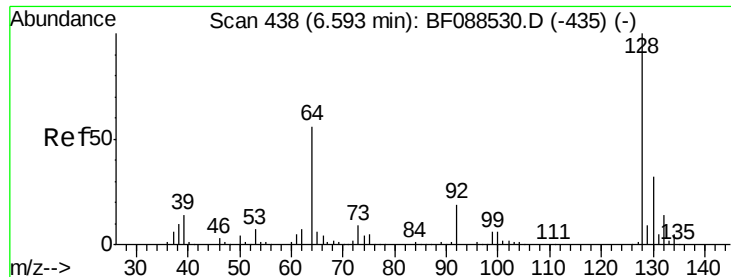
Delta R.T. -0.02 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Tgt Ion:	99	Resp:	543900
Ion Ratio	Lower	Upper	
99	100		
42	17.3	12.2	18.2
71	37.1	23.4	35.0#





#8

2-Chlorophenol

Concen: 41.72 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

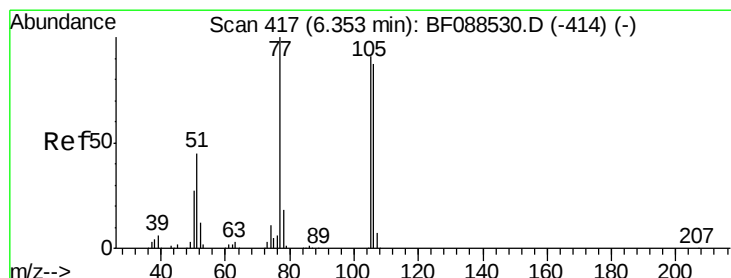
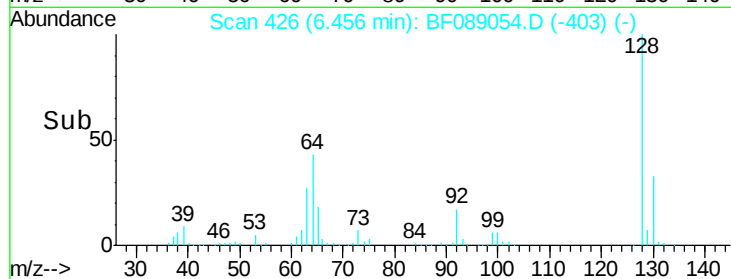
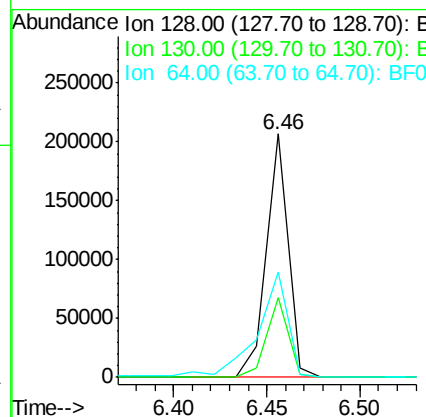
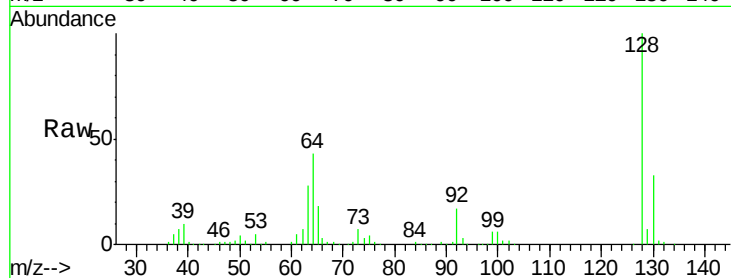
LSS-SB-SB05(0-2ft)MS

Tot Ion:	128	Resp:	165985
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.0	52.0
64	43.2	30.8	70.8

Manual Integrations

sohil

7/18/2016 7:36:21 PM



#9

Benzaldehyde

Concen: 23.75 ng

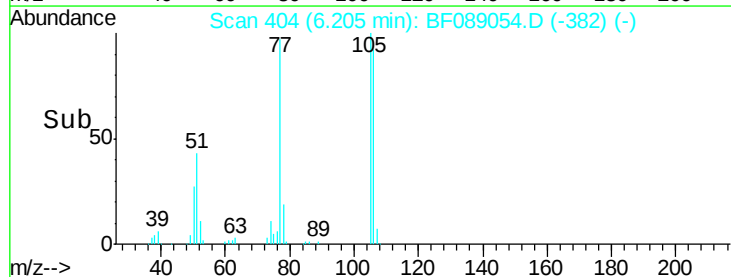
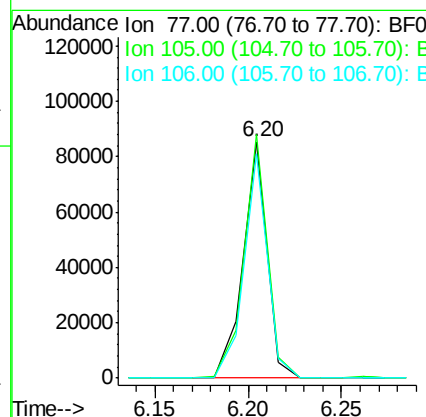
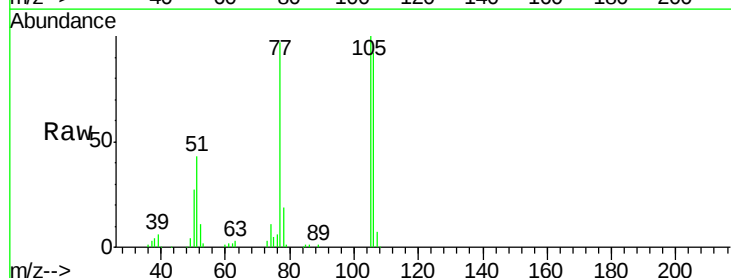
RT: 6.20 min Scan# 404

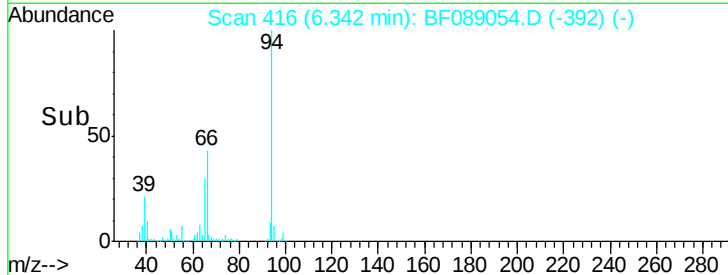
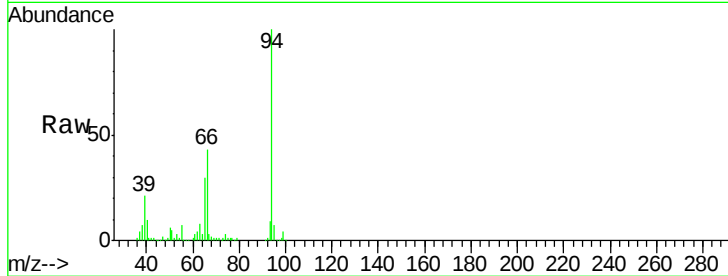
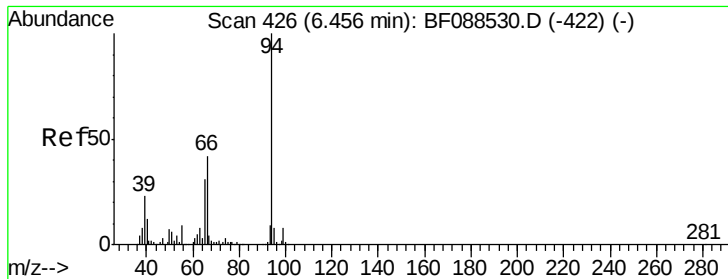
Delta R.T. -0.05 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Tgt Ion:	77	Resp:	76972
Ion Ratio	Lower	Upper	
77	100		
105	103.2	90.6	130.6
106	95.3	85.3	125.3





#10

Phenol

Concen: 42.49 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Tot Ion:	94	Resp:	231991
Ion	Ratio	Lower	Upper
94	100		
65	29.9	5.9	45.9
66	43.4	14.0	54.0

Instrument :

BNA_F

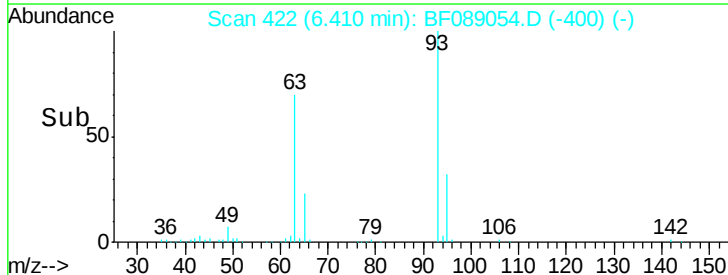
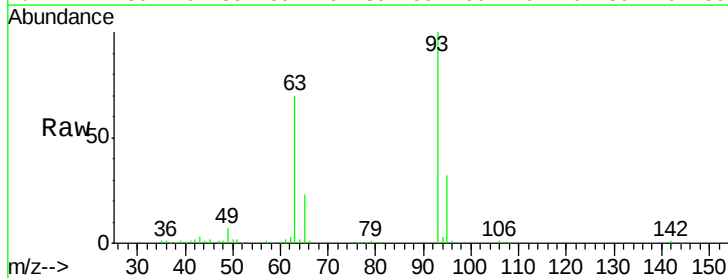
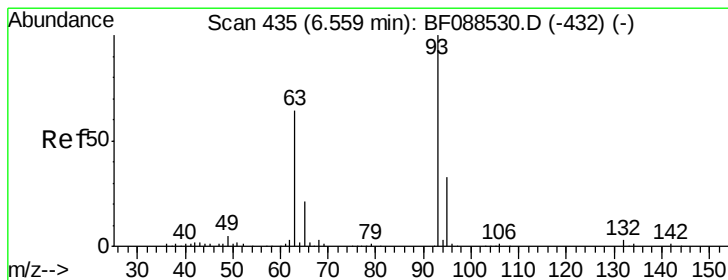
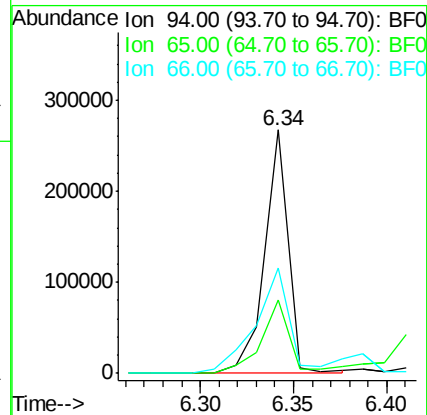
ClientSampleId :

LSS-SB-SB05(0-2ft)MS

Manual Integrations

sohil

7/18/2016 7:36:21 PM



#11

bis(2-Chloroethyl)ether

Concen: 57.52 ng

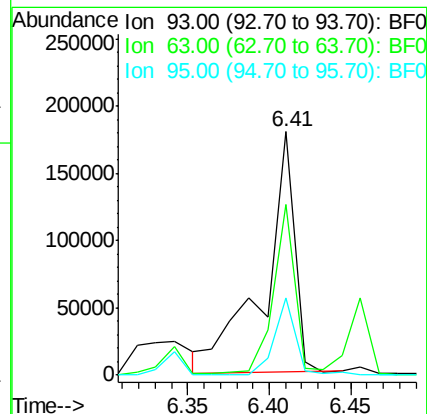
RT: 6.41 min Scan# 422

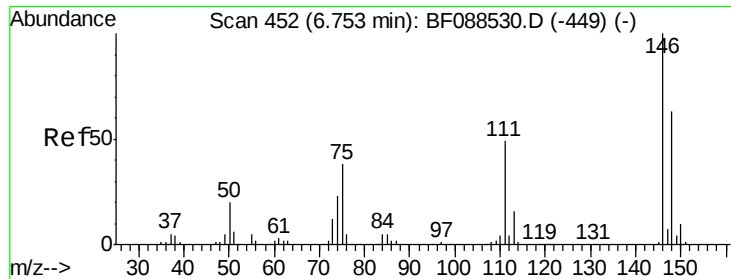
Delta R.T. -0.05 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Tgt Ion:	93	Resp:	234183
Ion	Ratio	Lower	Upper
93	100		
63	70.1	67.6	107.6
95	31.7	12.5	52.5





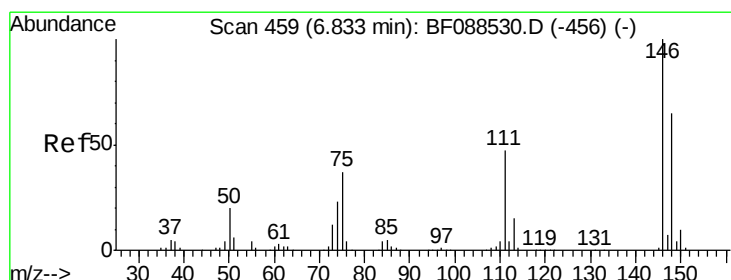
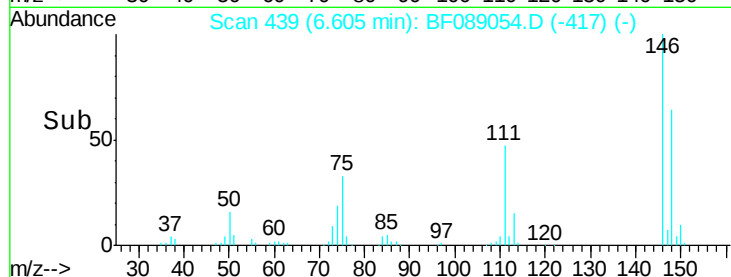
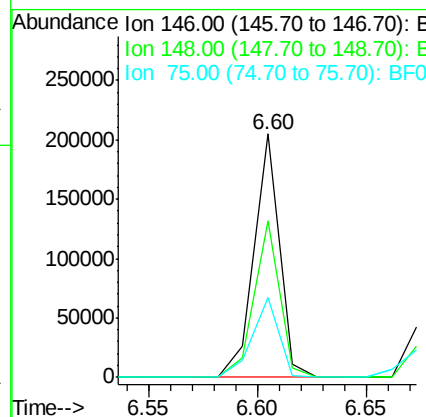
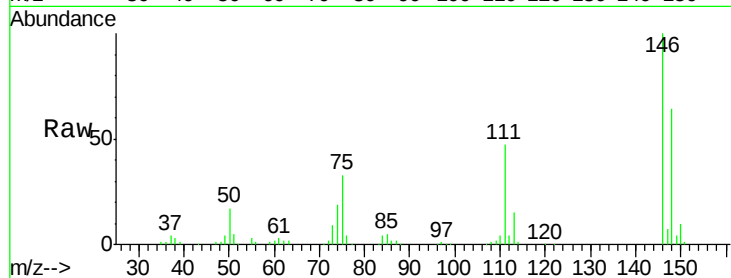
#12
 1,3-Dichlorobenzene
 Concen: 38.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.05 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.9	76.3
75	32.9	25.6	38.4

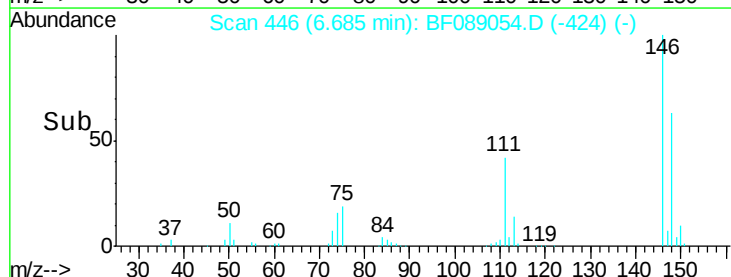
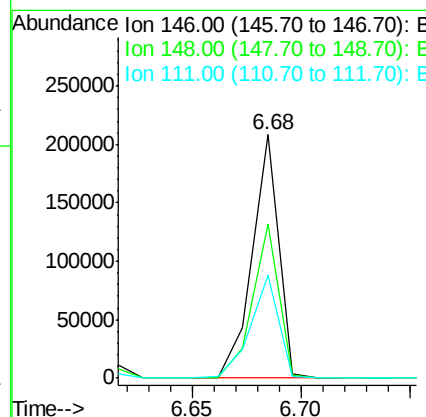
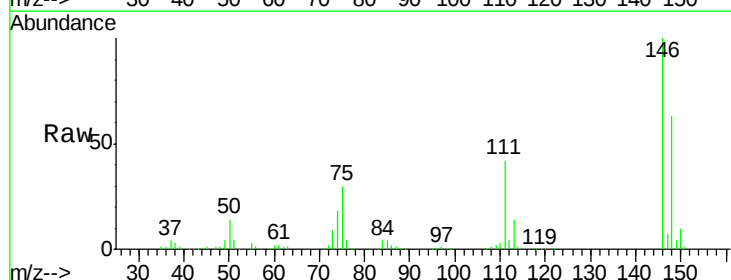
Manual Integrations

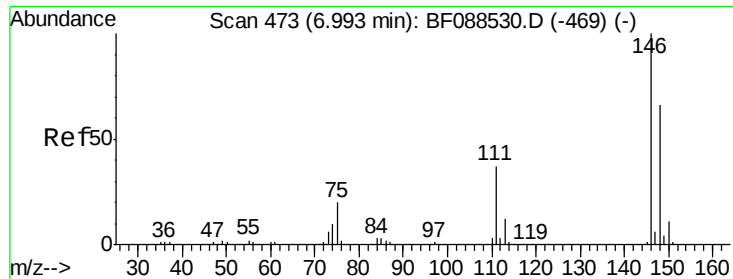
sohil
 7/18/2016 7:36:21 PM



#13
 1,4-Dichlorobenzene
 Concen: 40.18 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.05 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.0	78.0
111	42.2	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 35.28 ng/mL

RT: 6.83 min Scan# 459

Delta R.T. -0.05 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MS

Tot Ion: 146 Resp: 143496

Ion Ratio Lower Upper

146 100

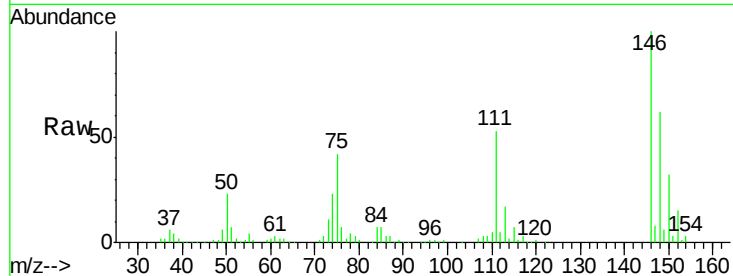
148 62.2 52.3 78.5

111 53.1 28.7 43.1#

Manual Integrations

sohil

7/18/2016 7:36:21 PM

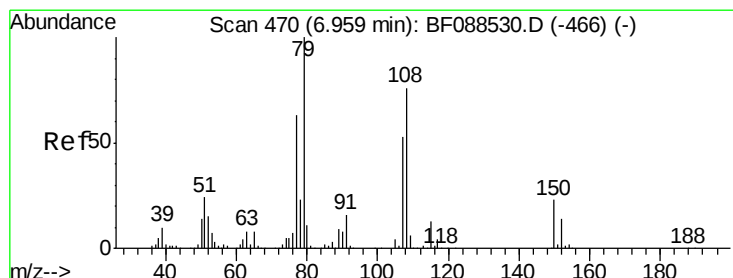
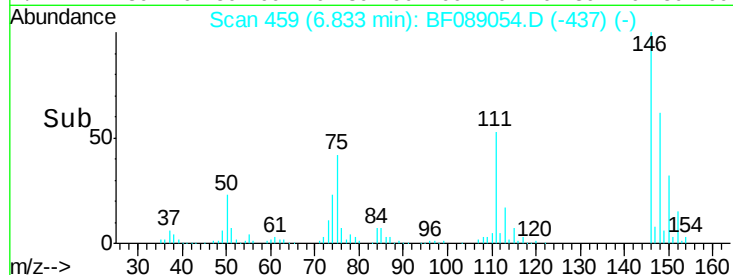
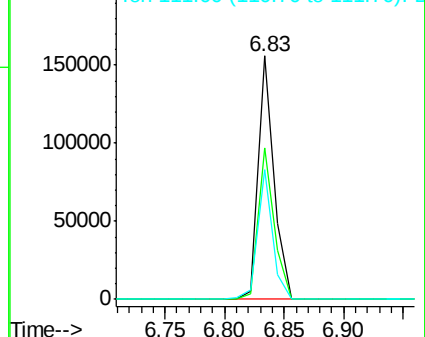


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 44.38 ng/mL

RT: 6.82 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

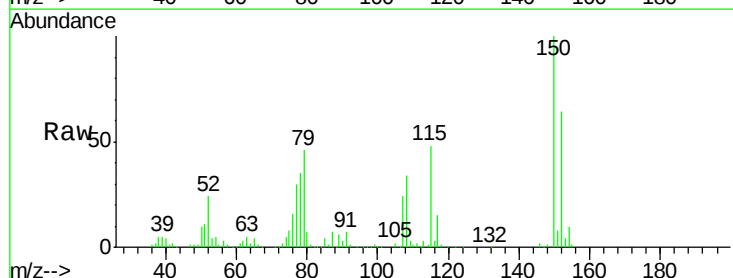
Tgt Ion: 79 Resp: 156255

Ion Ratio Lower Upper

79 100

108 74.1 65.0 97.6

77 64.6 50.3 75.5

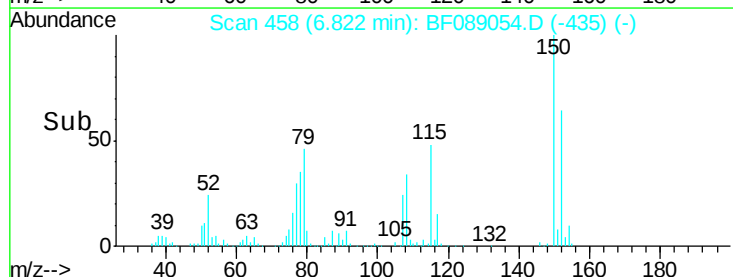
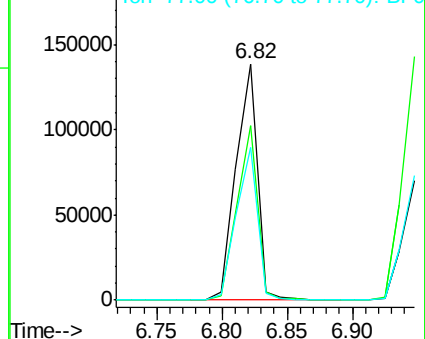


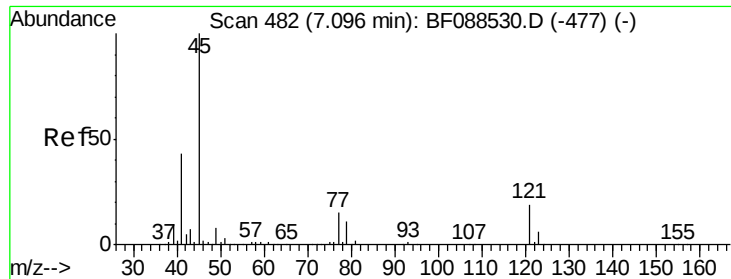
Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 30.92 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

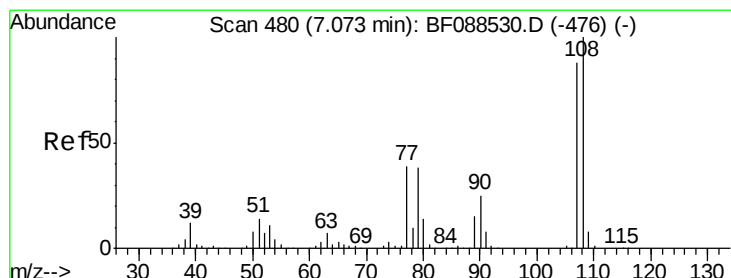
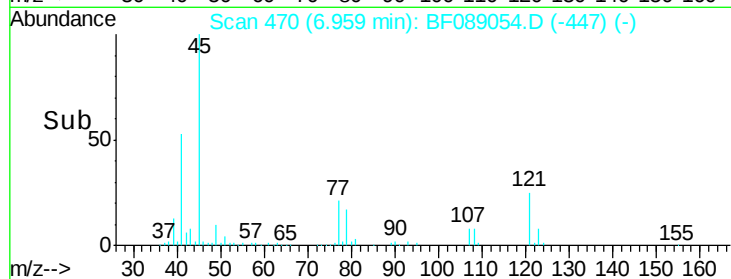
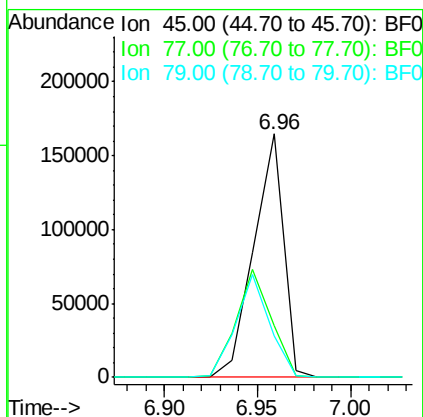
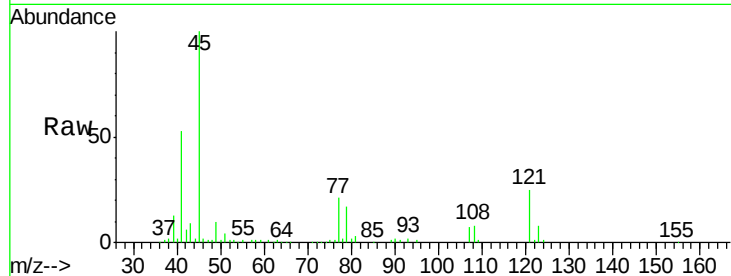
LSS-SB-SB05(0-2ft)MS

Tot Ion:	45	Resp:	182280
Ion Ratio		Lower	Upper
45	100		
77	21.0	0.0	32.5
79	17.1	0.0	29.5

Manual Integrations

sohil

7/18/2016 7:36:21 PM



#17

2-Methylphenol

Concen: 41.37 ng

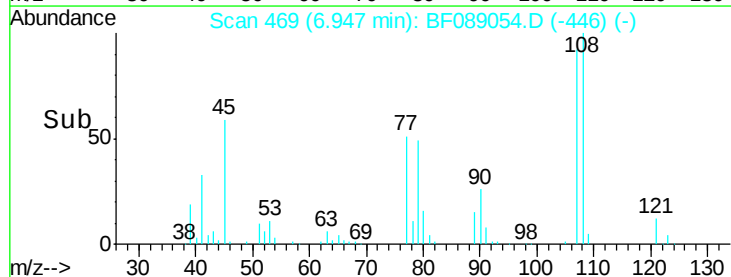
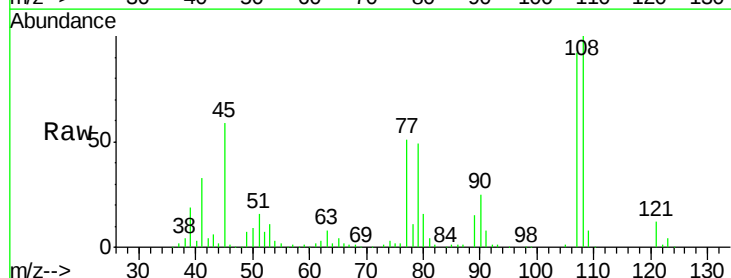
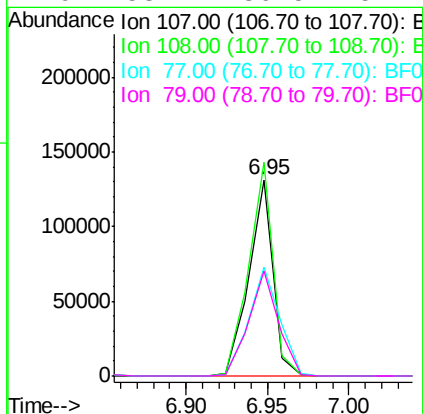
RT: 6.95 min Scan# 469

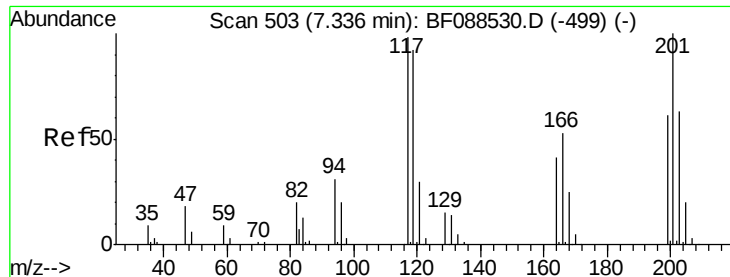
Delta R.T. -0.03 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Tgt Ion:	107	Resp:	134292
Ion Ratio		Lower	Upper
107	100		
108	109.0	90.9	136.3
77	55.7	36.6	55.0#
79	53.2	36.5	54.7





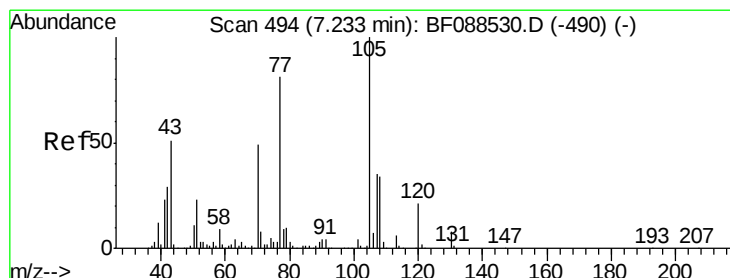
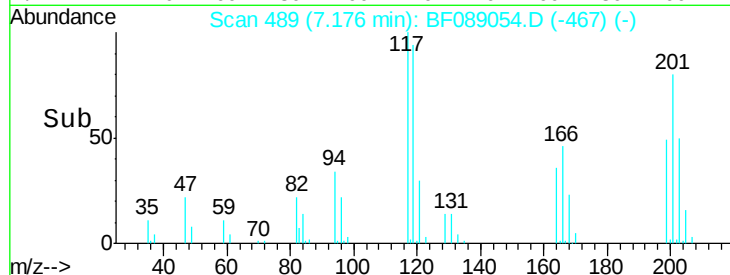
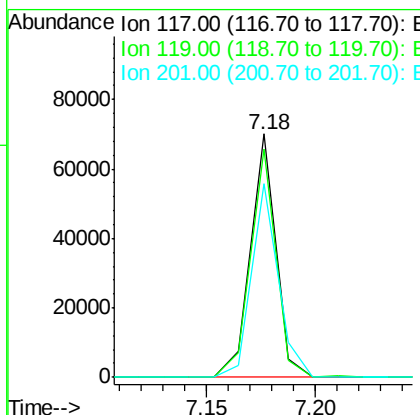
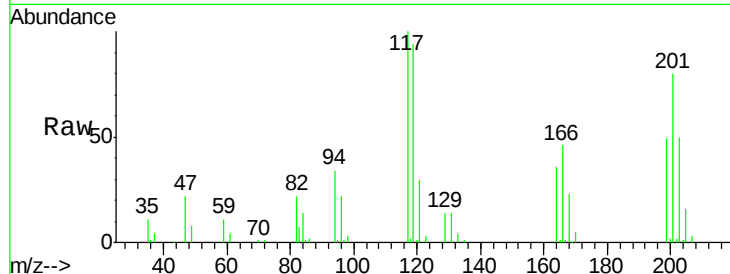
#18
Hexachloroethane
Concen: 33.91 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion: 117 Resp: 57010
Ion Ratio Lower Upper
117 100
119 93.7 77.4 116.2
201 79.8 80.4 120.6#

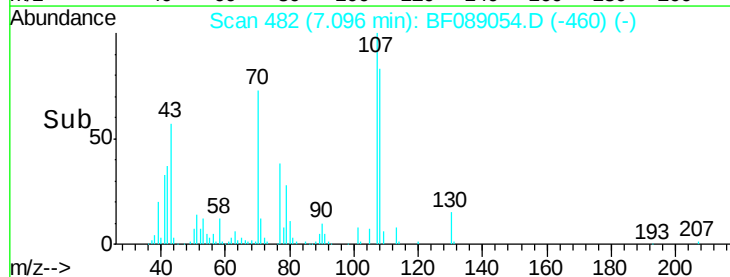
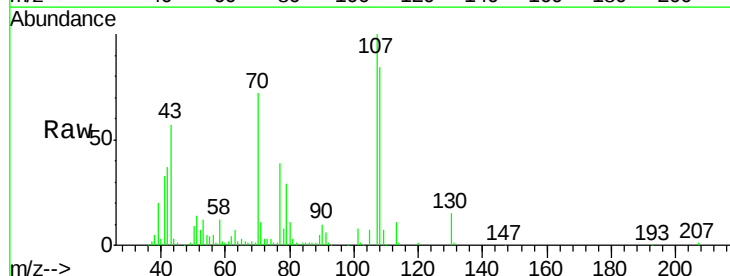
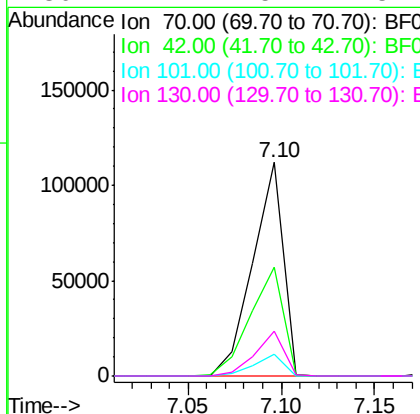
Manual Integrations

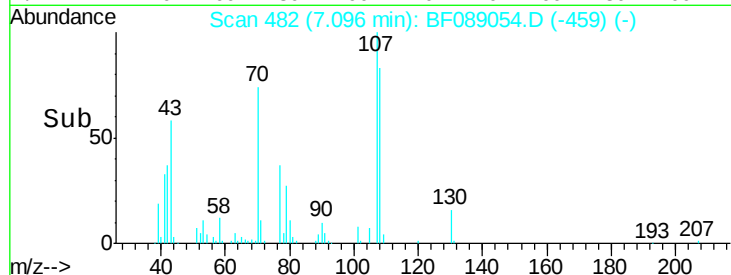
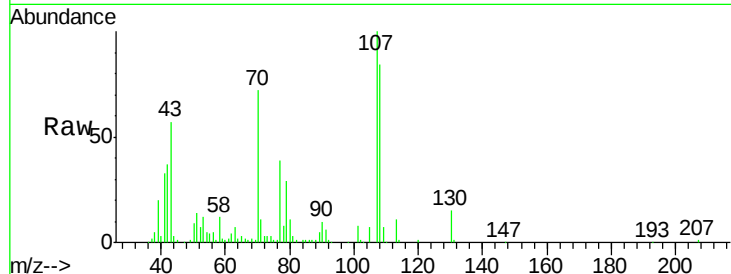
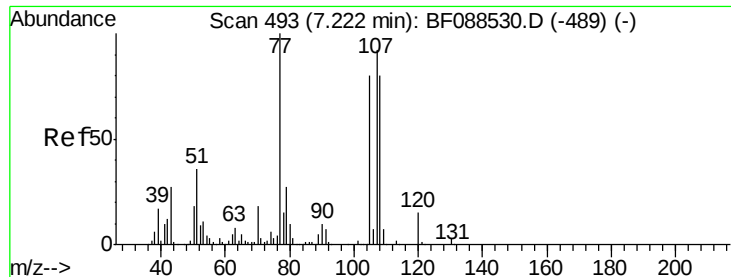
sohil
7/18/2016 7:36:21 PM



#19
n-Nitroso-di-n-propylamine
Concen: 39.54 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

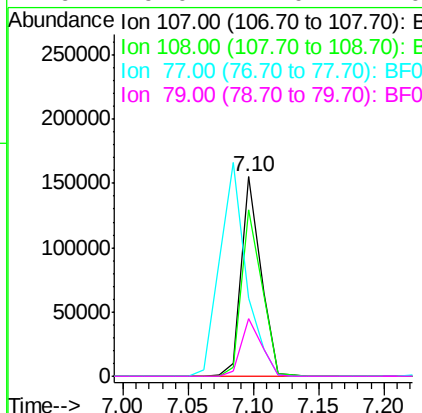
Tgt Ion: 70 Resp: 127049
Ion Ratio Lower Upper
70 100
42 50.9 49.6 74.4
101 10.4 7.1 10.7
130 21.2 15.4 23.2





#20
3+4-Methylphenols
Concen: 41.26 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

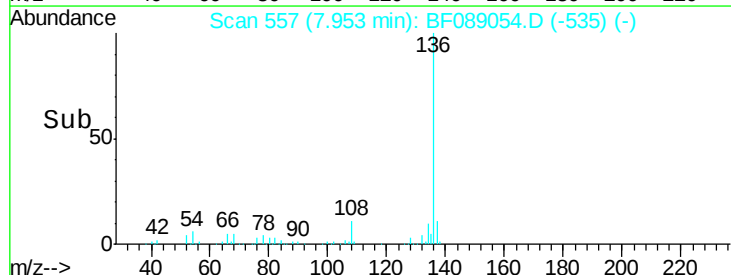
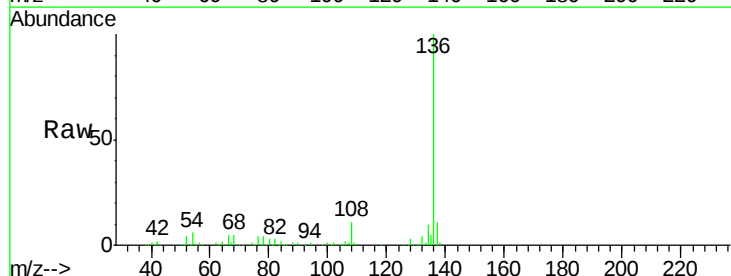
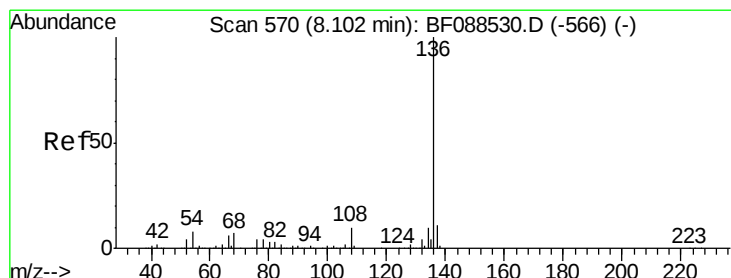
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	160725		
108	108	83.6	67.8	107.8	
77	77	38.9	59.3	99.3#	
79	79	29.0	7.0	47.0	



Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

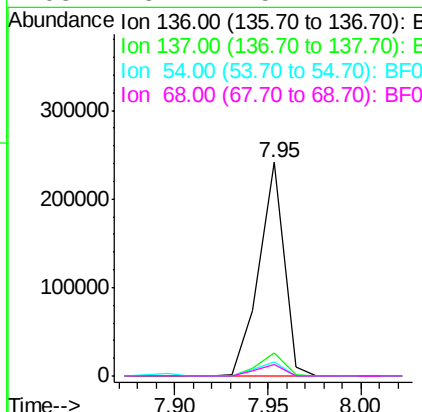
Manual Integrations

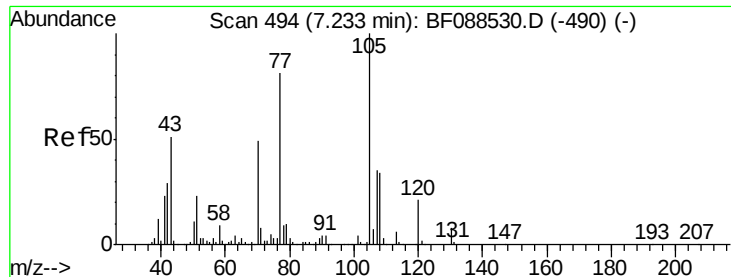
sohil
7/18/2016 7:36:21 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	224200		
137	137	10.7	9.1	13.7	
54	54	6.3	6.6	10.0#	
68	68	5.2	5.1	7.7	





#22

Acetophenone

Concen: 42.92 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.05 min

Lab File: BF089054.D

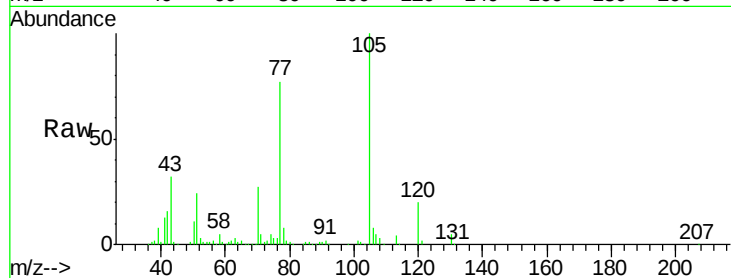
Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MS



Tot Ion: 105 Resp: 233551

Ion Ratio Lower Upper

105 100

71 4.6 5.3 7.9#

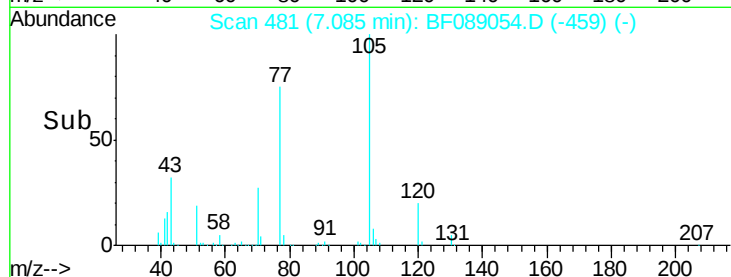
51 24.1 18.2 27.4

120 20.3 18.0 27.0

Manual Integrations

sohil

7/18/2016 7:36:21 PM

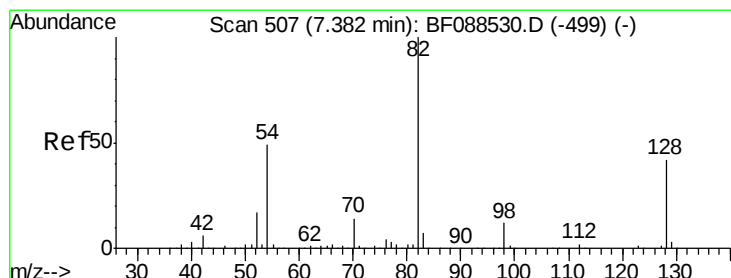
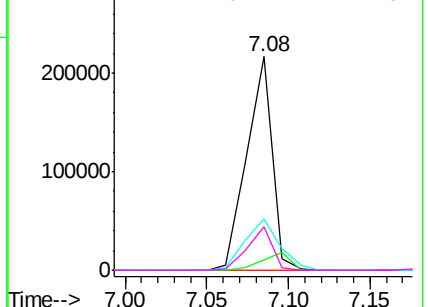


Abundance Ion 105.00 (104.70 to 105.70): E

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: 73.24 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.05 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

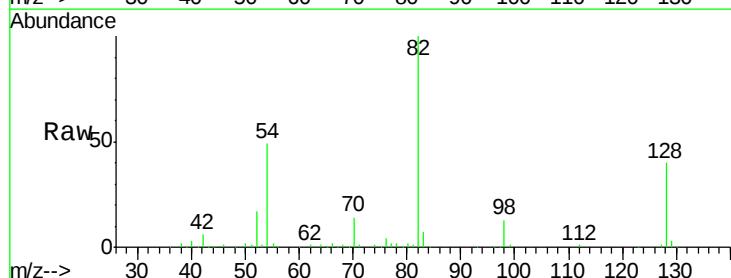
Tgt Ion: 82 Resp: 313320

Ion Ratio Lower Upper

82 100

128 39.5 35.9 53.9

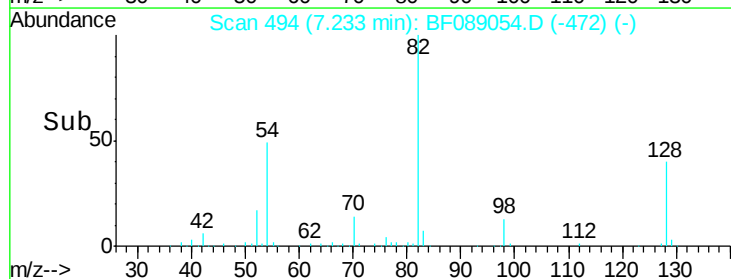
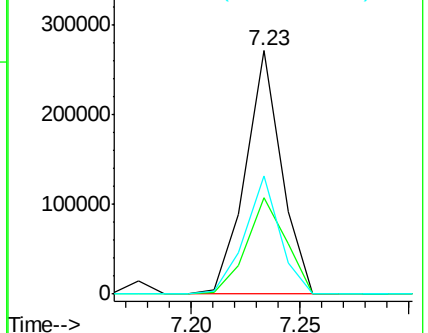
54 48.7 40.9 61.3

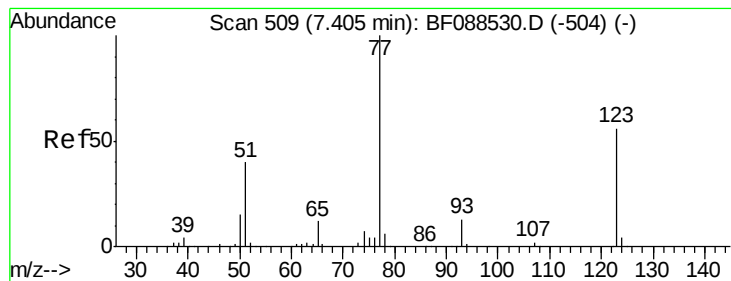


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





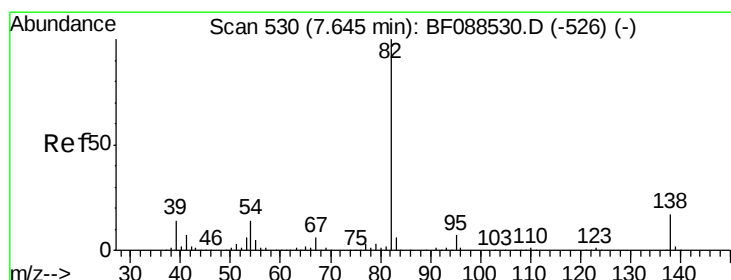
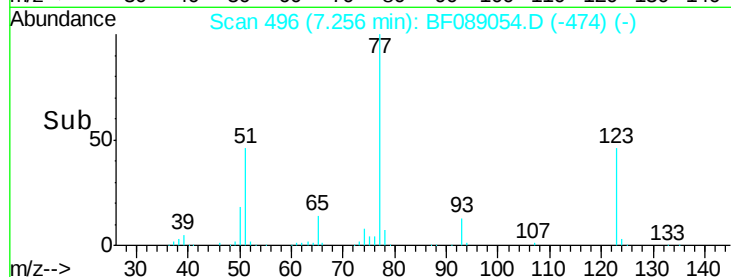
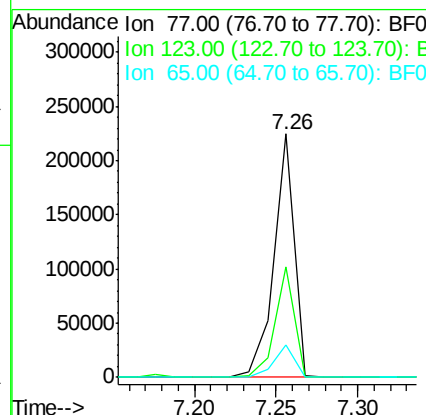
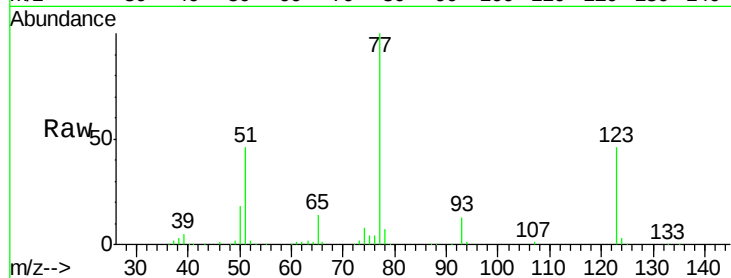
#24
 Nitrobenzene
 Concen: 45.26 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.05 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Lower	Upper
77	100		
123	45.6	45.0	67.4
65	13.6	10.2	15.2

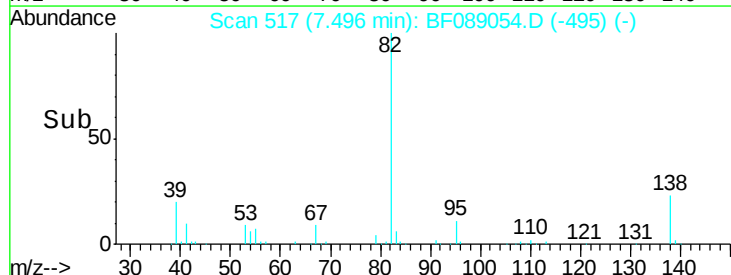
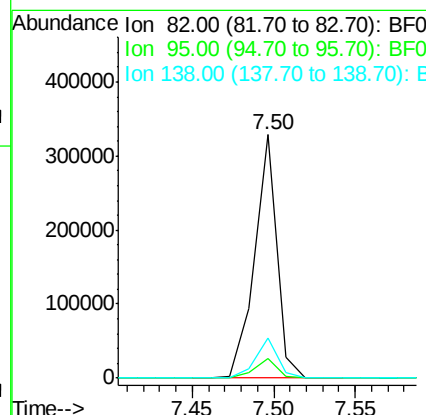
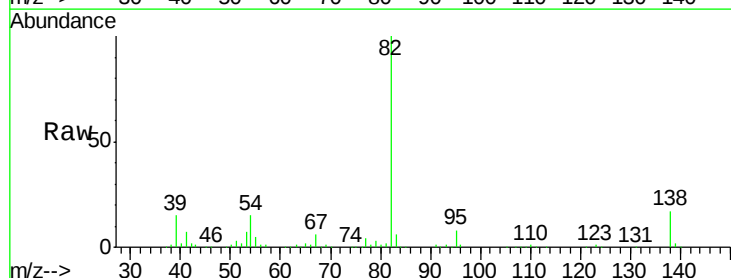
Manual Integrations

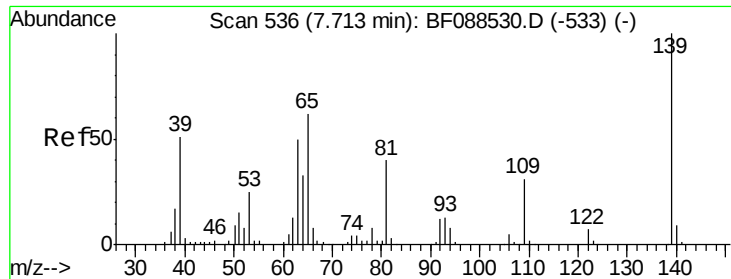
sohil
 7/18/2016 7:36:21 PM



#25
 Isophorone
 Concen: 39.27 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.05 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.4	8.2
138	16.7	14.6	21.8





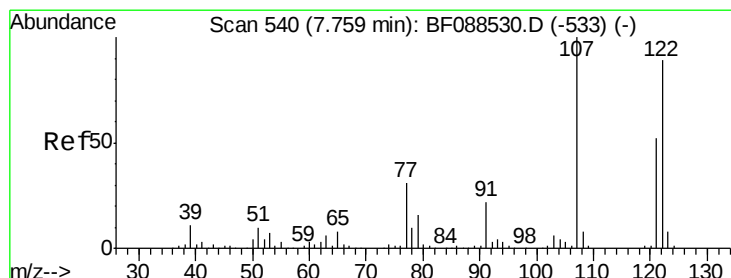
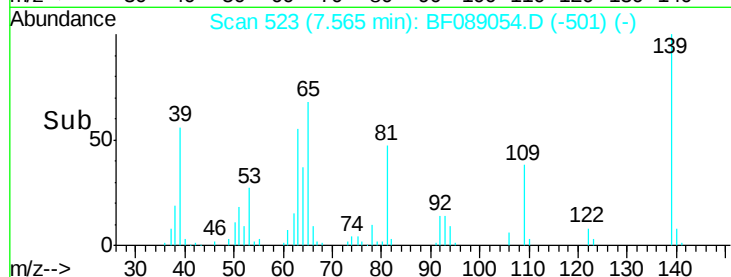
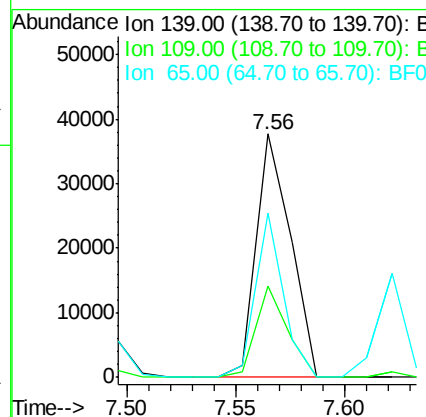
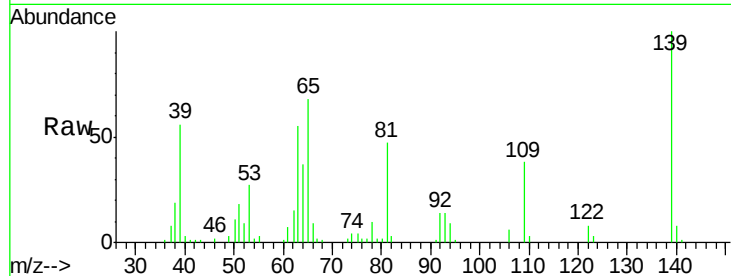
#26
2-Nitrophenol
Concen: 23.44 ng
RT: 7.56 min Scan# 523
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion:139 Resp: 41455
Ion Ratio Lower Upper
139 100
109 37.7 23.0 34.4#
65 67.6 45.8 68.8

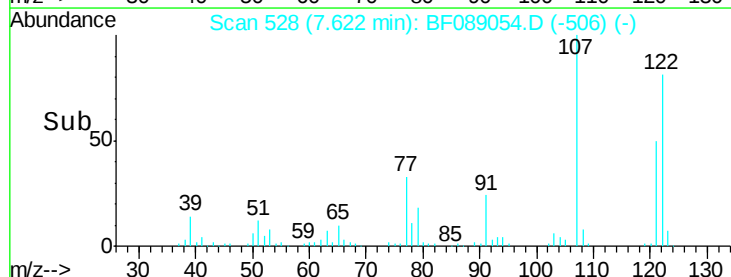
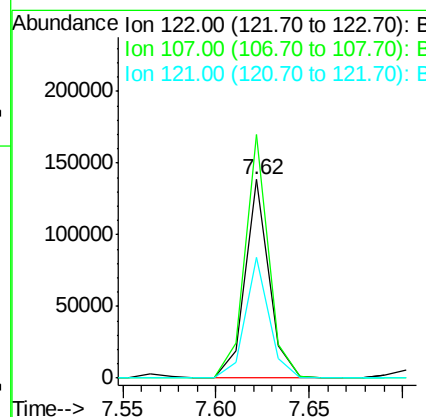
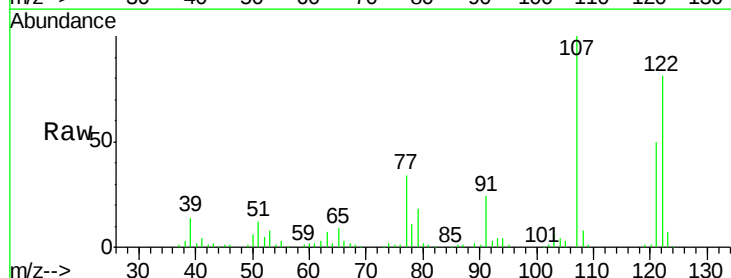
Manual Integrations

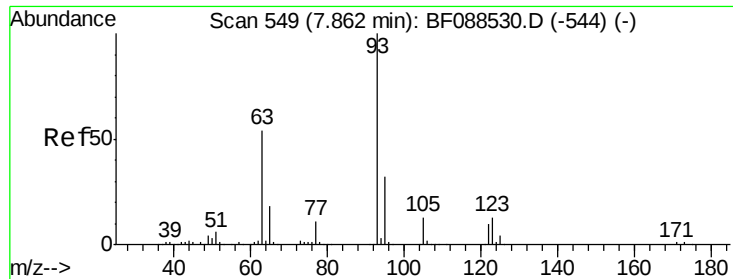
sohil
7/18/2016 7:36:21 PM



#27
2,4-Dimethylphenol
Concen: 33.80 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion:122 Resp: 124511
Ion Ratio Lower Upper
122 100
107 122.8 82.4 123.6
121 61.1 46.3 69.5





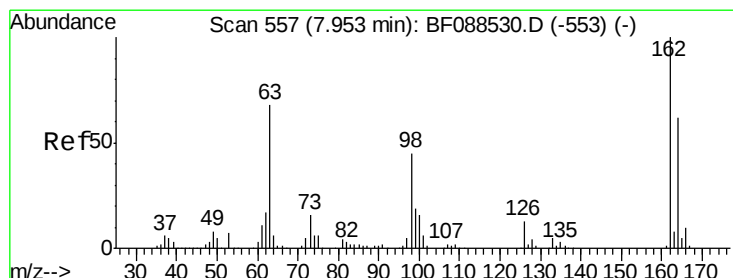
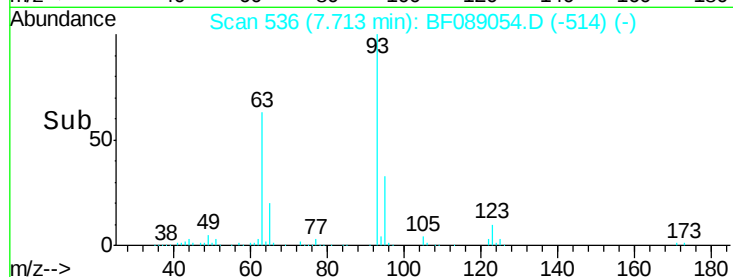
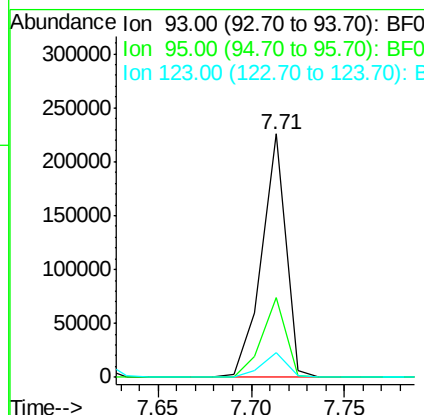
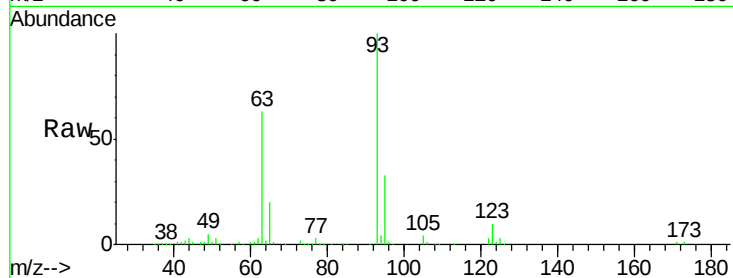
#28
bis(2-Chloroethoxy)methane
Concen: 39.06 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	201439		
95	32.6		26.5	39.7
123	10.2		11.6	17.4#

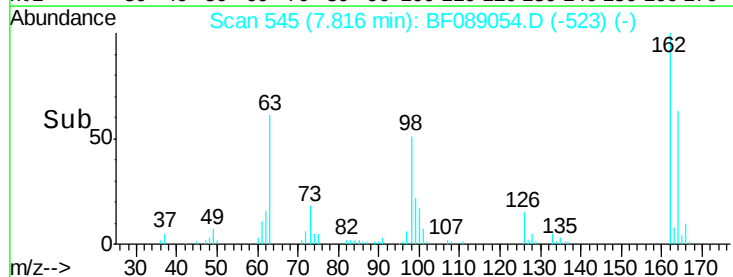
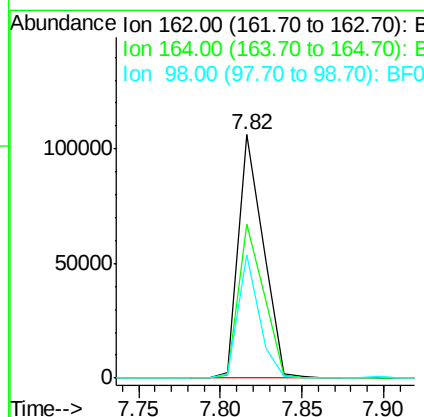
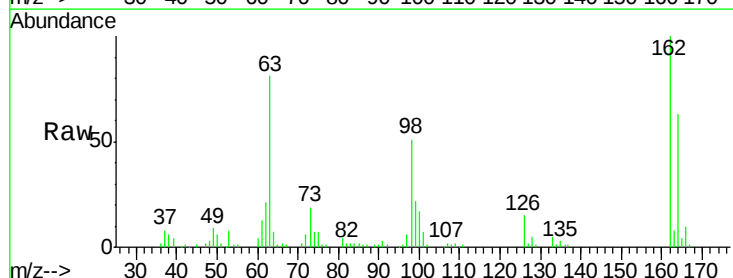
Manual Integrations

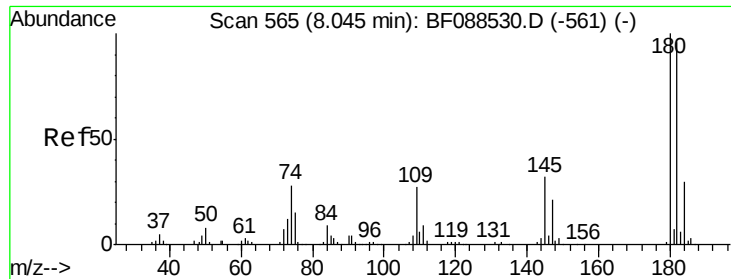
sohil
7/18/2016 7:36:21 PM



#29
2,4-Dichlorophenol
Concen: 37.30 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	111058		
164	63.3		43.8	83.8
98	50.9		21.3	61.3





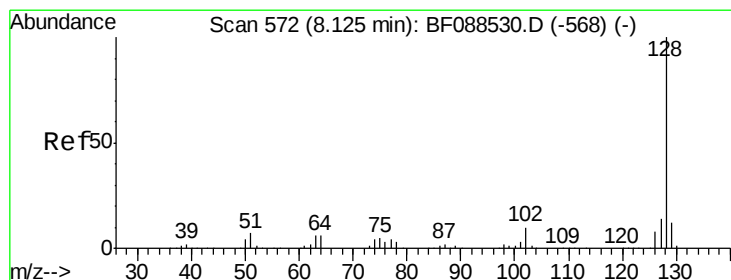
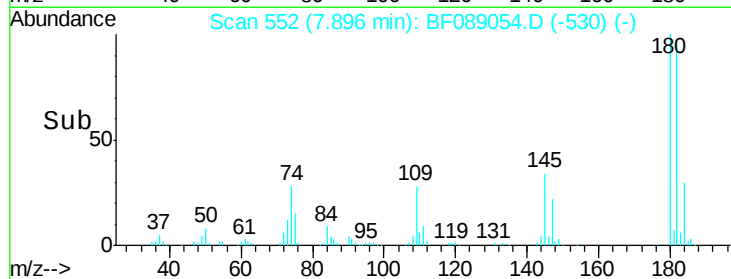
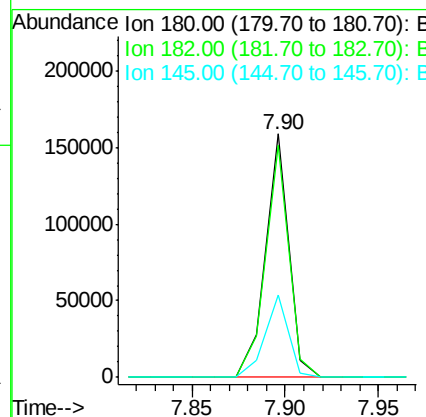
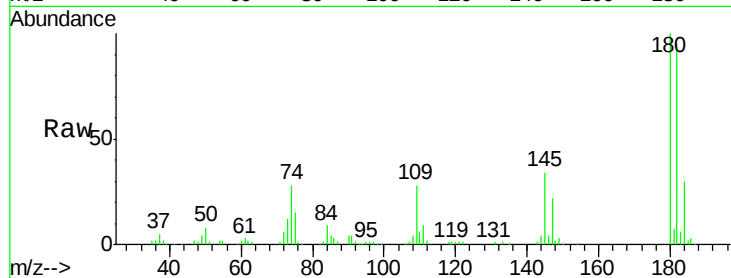
#30
 1,2,4-Trichlorobenzene
 Concen: 41.78 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.05 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MS

Tot Ion:	180	Resp:	136512
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.0	114.0
145	33.8	26.5	39.7

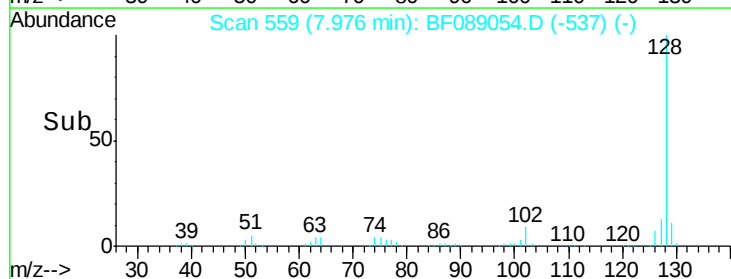
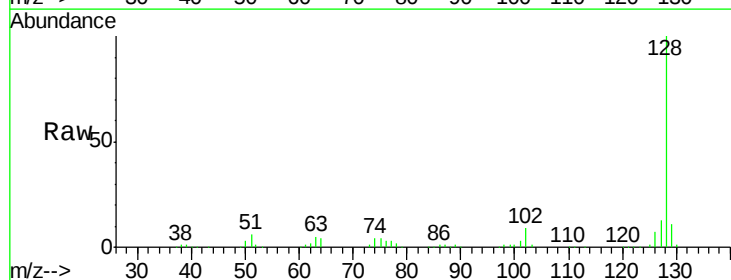
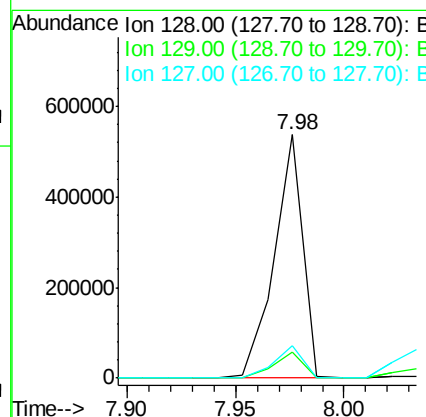
Manual Integrations

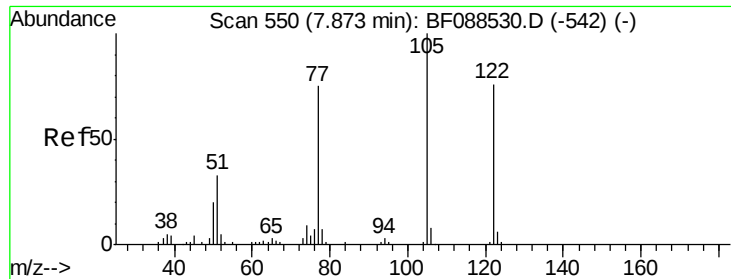
sohil
 7/18/2016 7:36:21 PM



#31
 Naphthalene
 Concen: 44.77 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Tgt Ion:	128	Resp:	494862
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.4	14.2
127	13.4	10.9	16.3





#32

Benzoic acid

Concen: 4.86 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.09 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

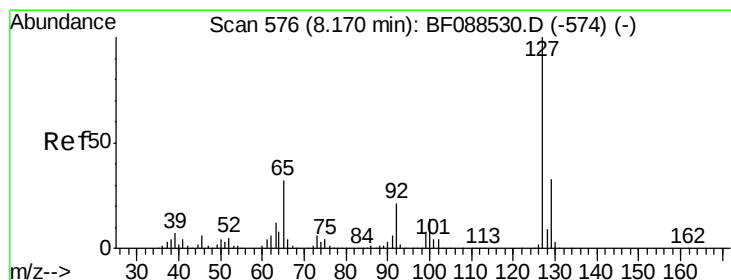
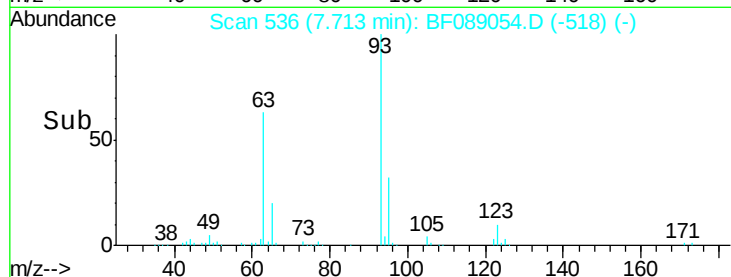
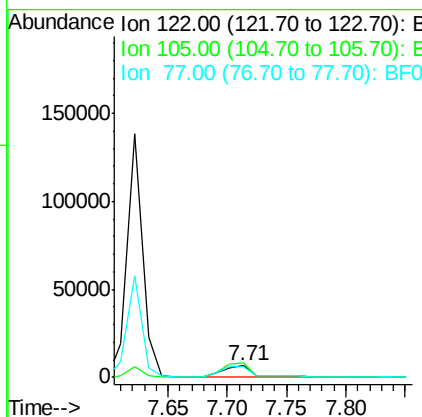
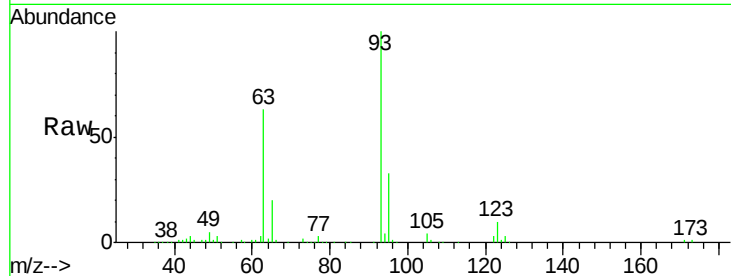
LSS-SB-SB05(0-2ft)MS

Tot Ion:	122	Resp:	13002
Ion Ratio	Lower	Upper	
122	100		
105	124.1	101.6	141.6
77	90.8	70.6	110.6

Manual Integrations

sohil

7/18/2016 7:36:21 PM



#33

4-Chloroaniline

Concen: 24.94 ng

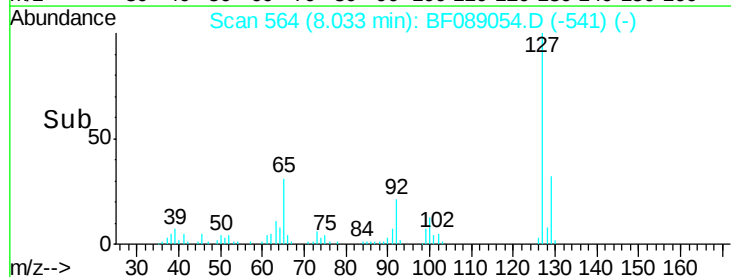
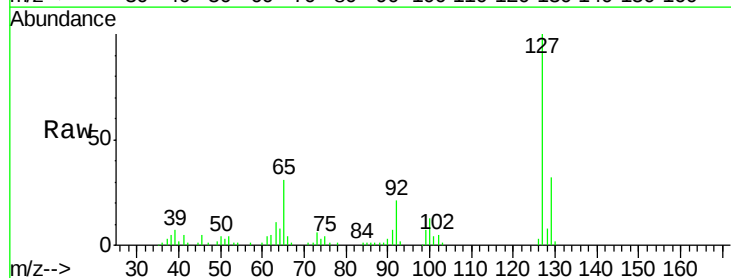
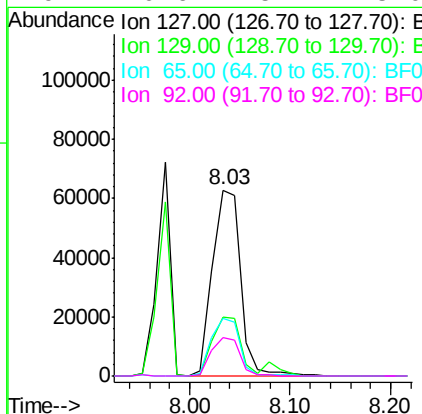
RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Tgt Ion:	127	Resp:	122659
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.3	39.5
65	31.1	24.7	37.1
92	20.6	15.4	23.0





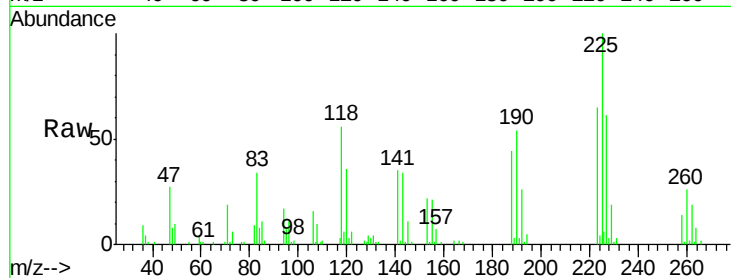
#34
Hexachlorobutadiene
Concen: 39.69 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.06 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

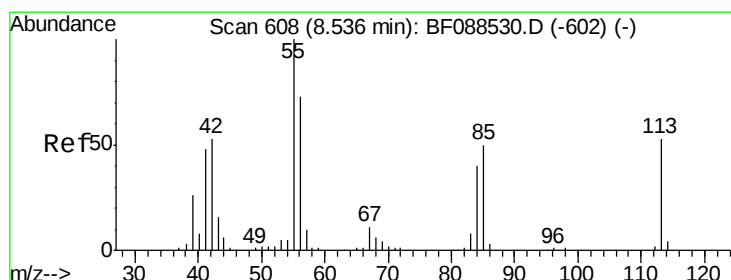
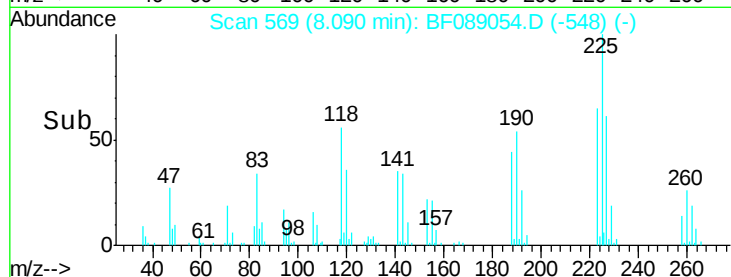
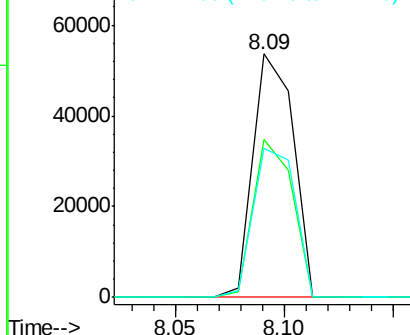
Tot Ion:225 Resp: 69448
Ion Ratio Lower Upper
225 100
223 64.8 50.9 76.3
227 61.3 51.9 77.9

Manual Integrations

sohil
7/18/2016 7:36:21 PM

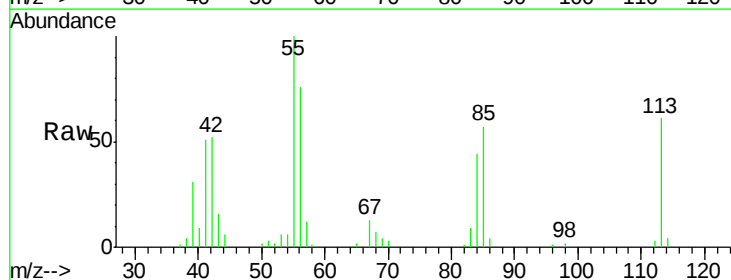


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

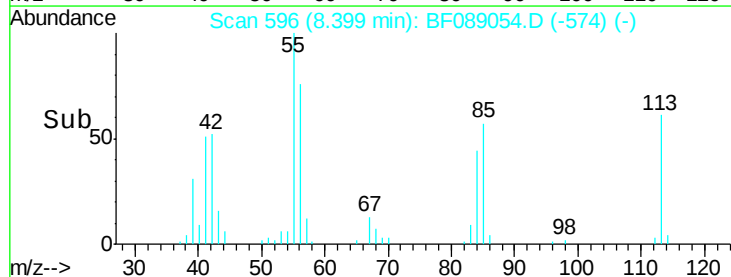
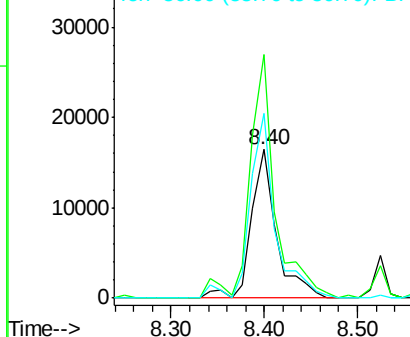


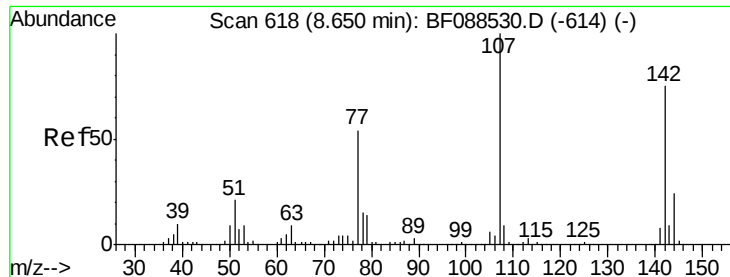
#35
Caprolactam
Concen: 30.46 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion:113 Resp: 30807
Ion Ratio Lower Upper
113 100
55 163.6 158.6 198.6
56 124.4 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 37.82 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

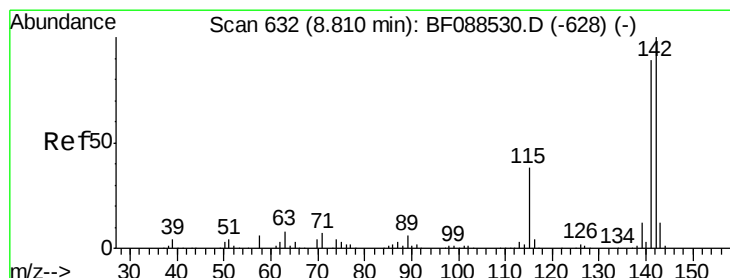
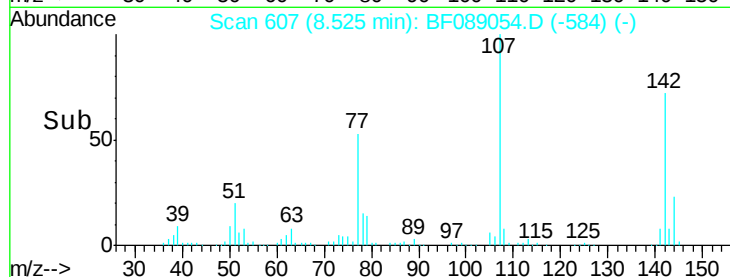
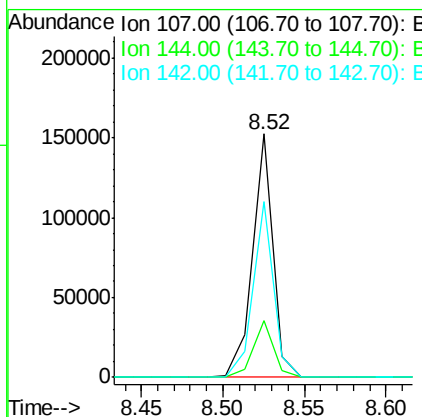
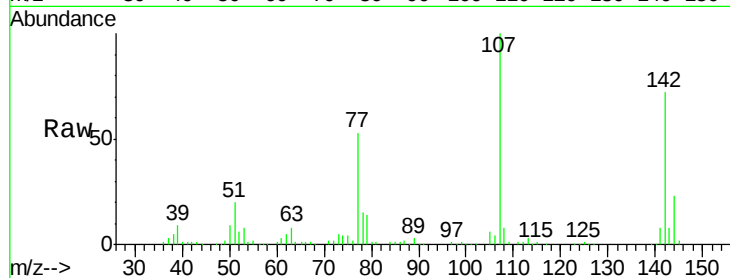
LSS-SB-SB05(0-2ft)MS

Tot Ion:	107	Resp:	133171
Ion Ratio	Lower	Upper	
107	100		
144	23.4	20.8	31.2
142	72.0	63.4	95.2

Manual Integrations

sohil

7/18/2016 7:36:21 PM



#37

2-Methylnaphthalene

Concen: 37.81 ng

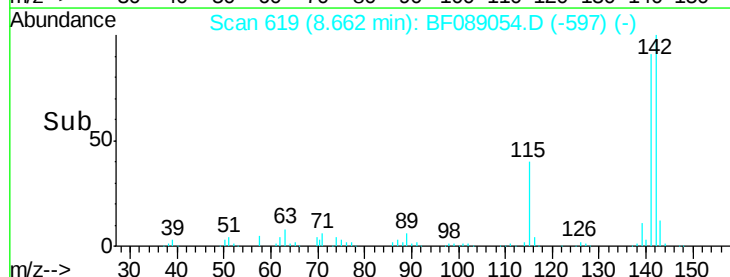
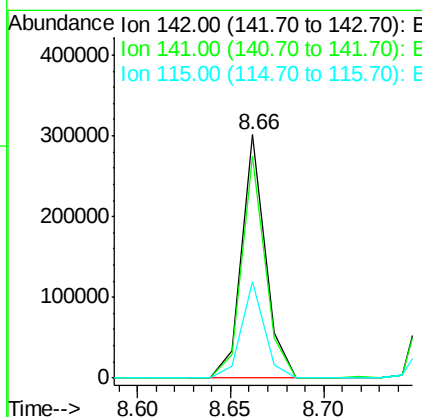
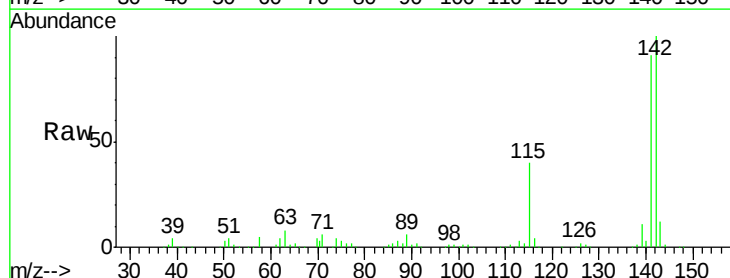
RT: 8.66 min Scan# 619

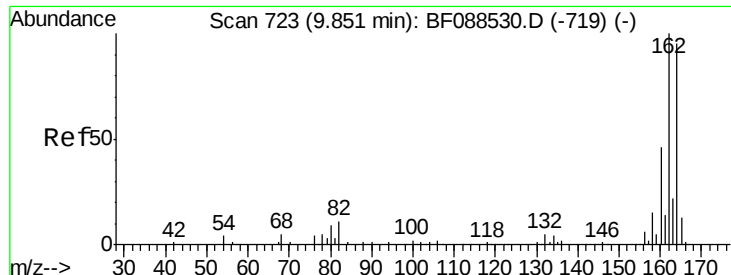
Delta R.T. -0.05 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Tgt Ion:	142	Resp:	269068
Ion Ratio	Lower	Upper	
142	100		
141	90.9	71.0	106.6
115	39.8	22.6	33.8#





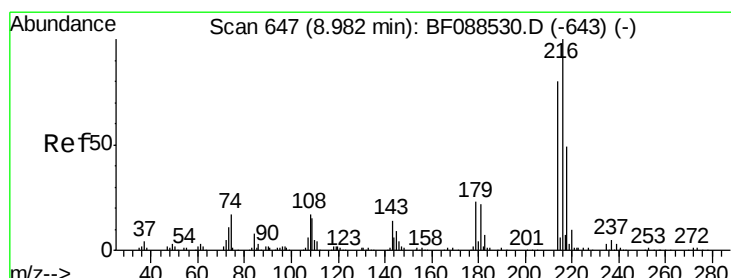
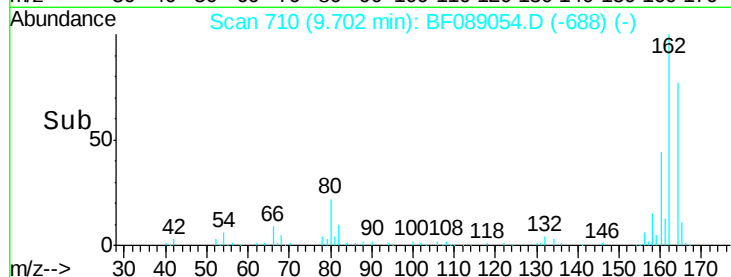
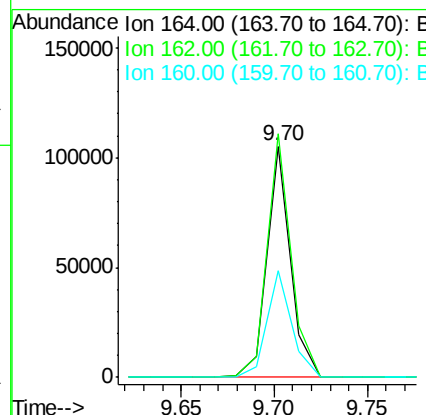
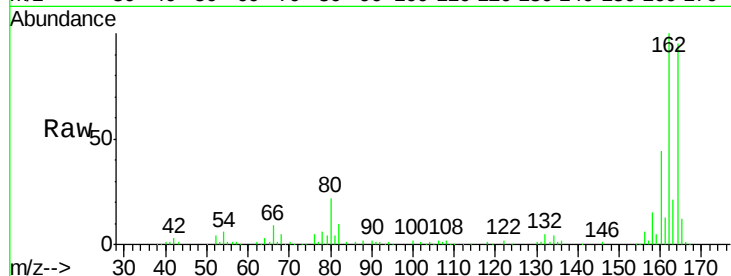
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.4	128.2
160	46.2	39.5	59.3

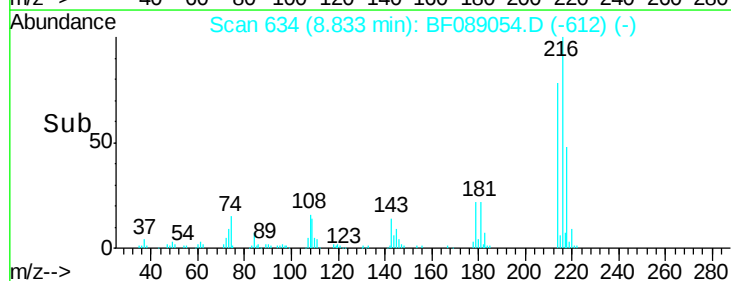
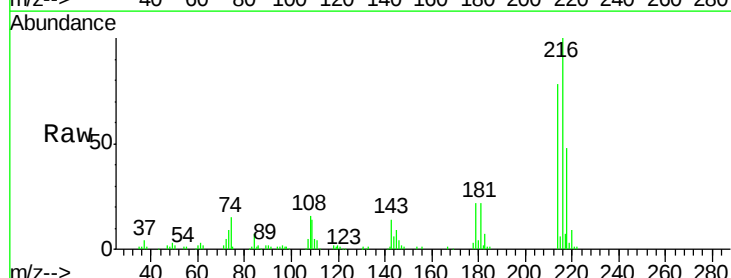
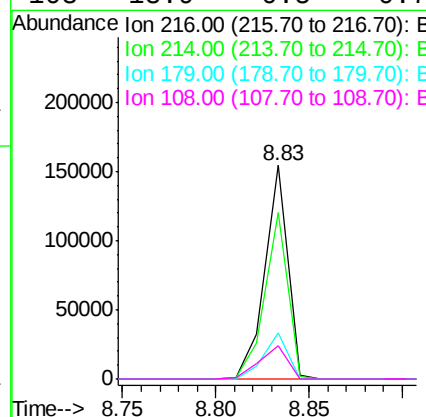
Manual Integrations

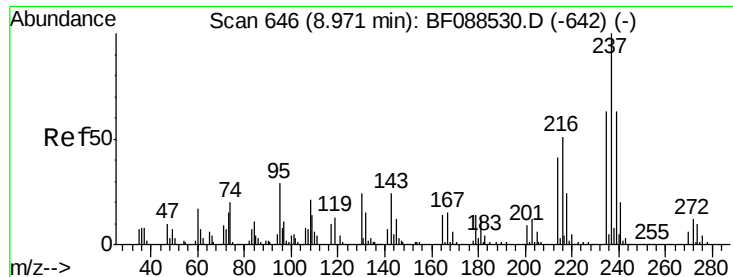
sohil
7/18/2016 7:36:21 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.54 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	2.9	4.3#
179	22.9	0.0	0.0#
108	18.9	0.5	0.7#





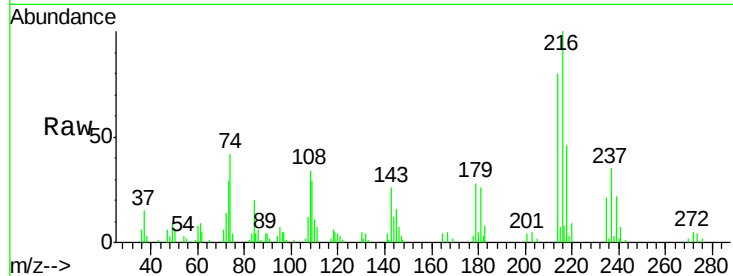
#40
Hexachlorocyclopentadiene
Concen: 7.70 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	11627		
235	59.9	43.4	83.4	
272	13.4	0.0	32.3	

Manual Integrations

sohil
7/18/2016 7:36:21 PM

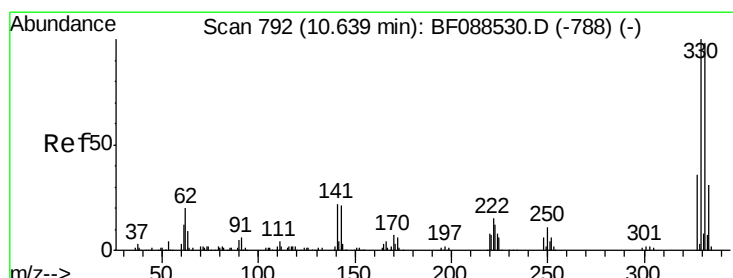
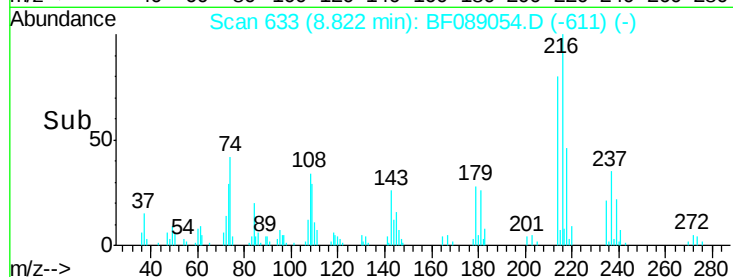
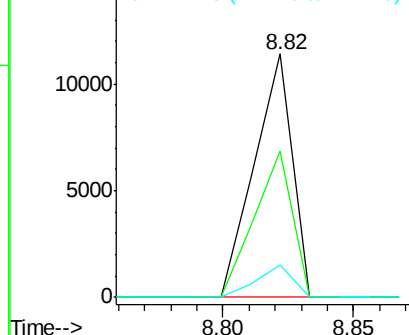


Abundance

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: 75.49 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

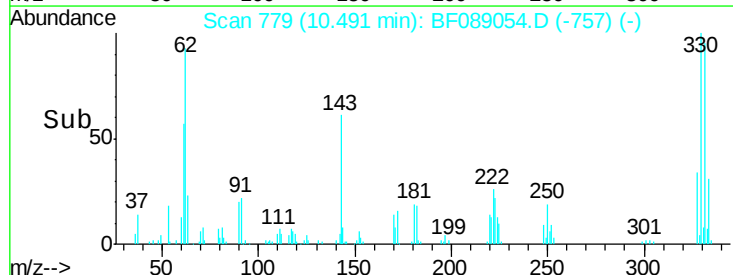
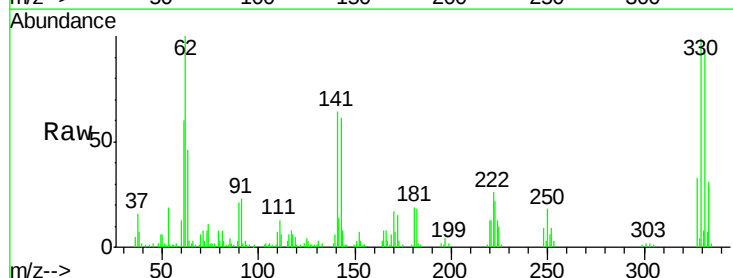
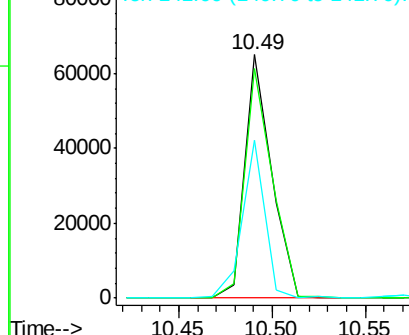
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	64822		
332	97.7	0.0	0.0#	
141	55.2	0.0	0.0#	

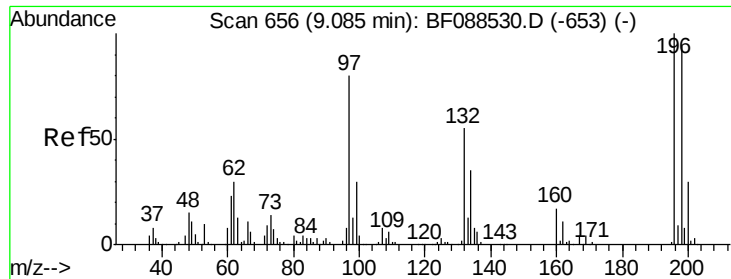
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





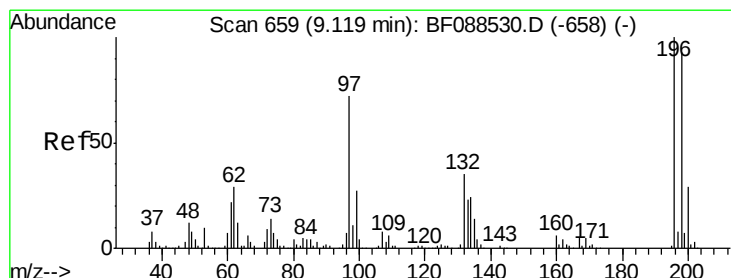
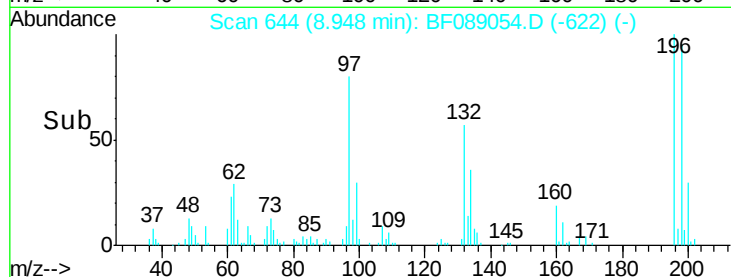
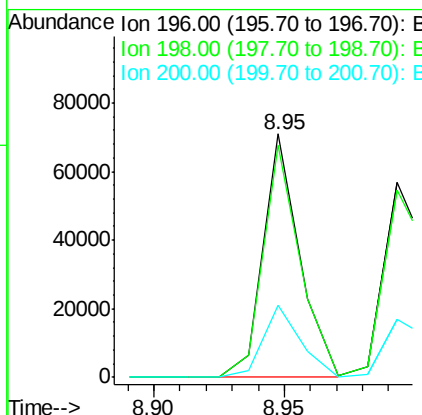
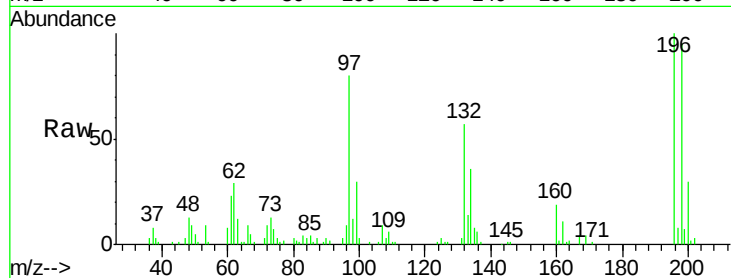
#42
 2,4,6-Trichlorophenol
 Concen: 34.16 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MS

Tot Ion:196 Resp: 69279
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.0 117.0
 200 29.8 25.4 38.2

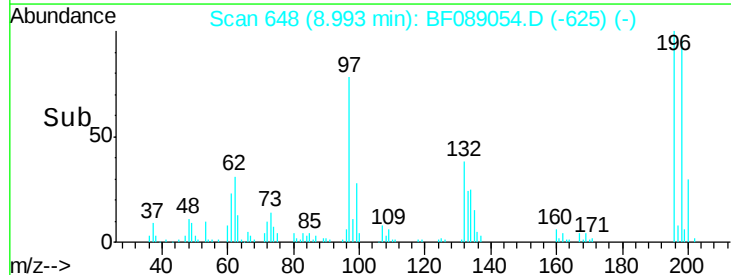
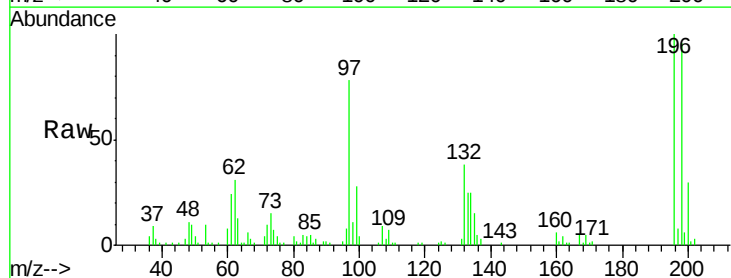
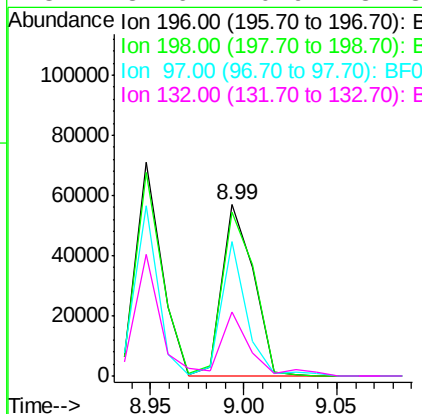
Manual Integrations

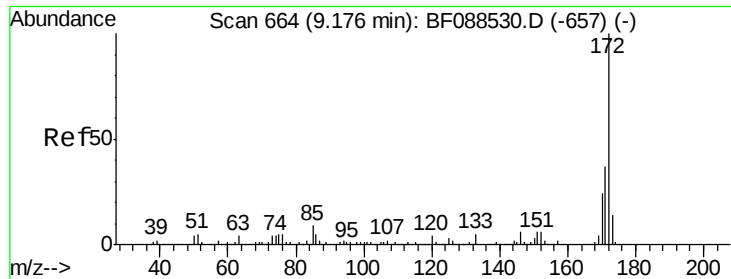
sohil
 7/18/2016 7:36:21 PM



#43
 2,4,5-Trichlorophenol
 Concen: 38.47 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Tgt Ion:196 Resp: 67115
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.5 116.3
 97 78.5 32.0 48.0#
 132 37.6 20.9 31.3#





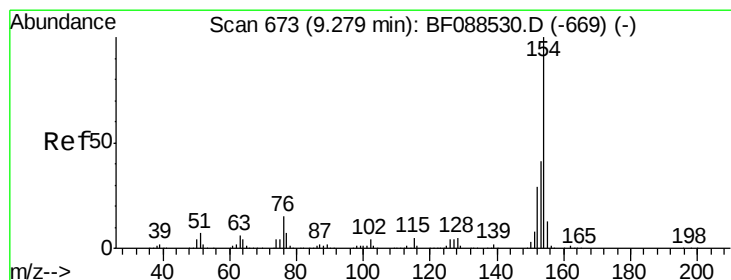
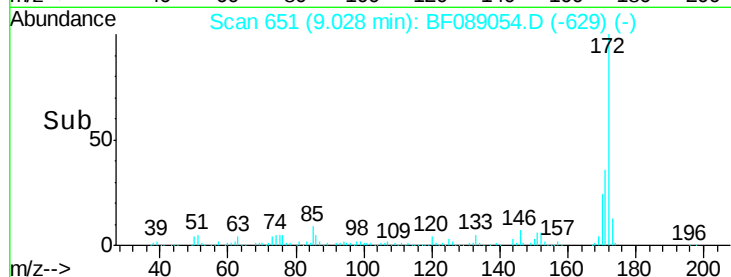
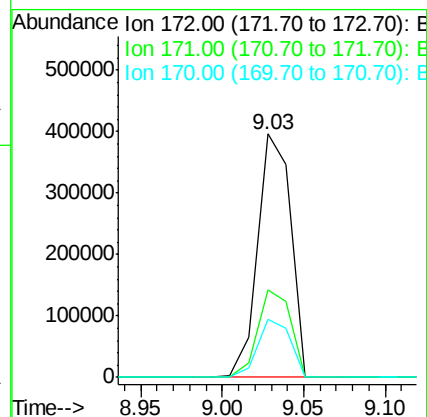
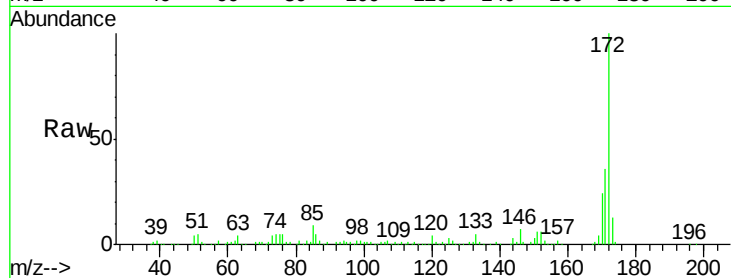
#44
2-Fluorobiphenyl
Concen: 95.05 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.0	28.6	43.0	
170	24.1	19.2	28.8	

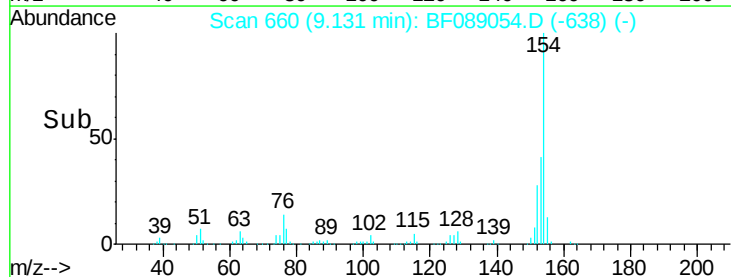
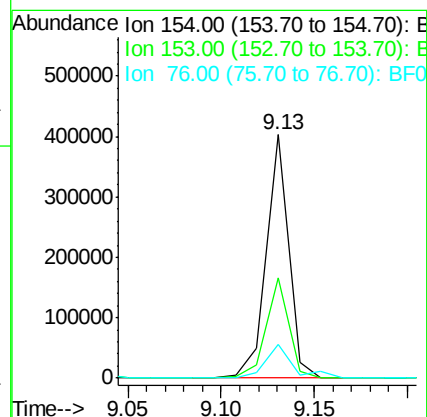
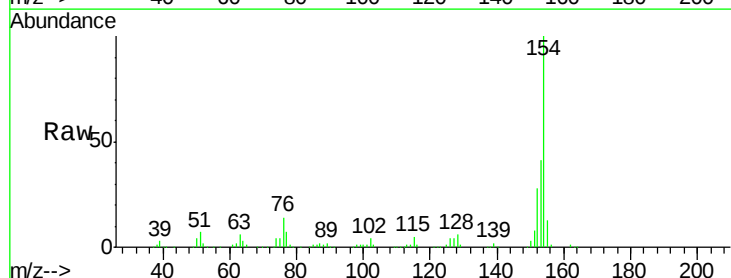
Manual Integrations

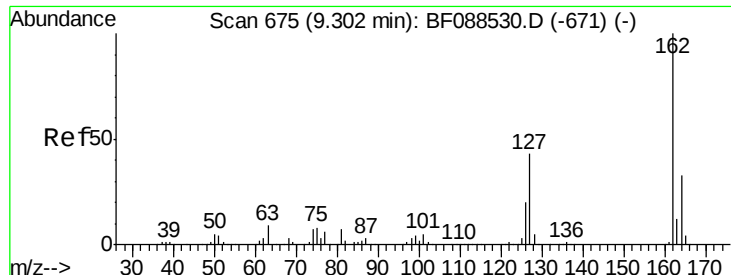
sohil
7/18/2016 7:36:21 PM



#45
1,1'-Biphenyl
Concen: 43.33 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.1	20.6	60.6	
76	13.9	0.0	35.1	





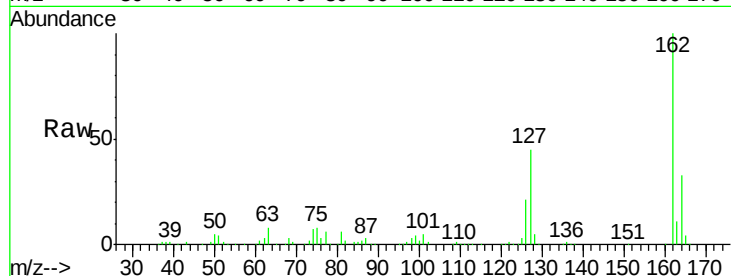
#46
2-Chloronaphthalene
Concen: 43.88 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

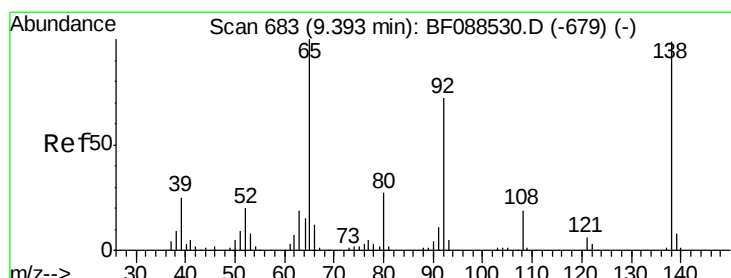
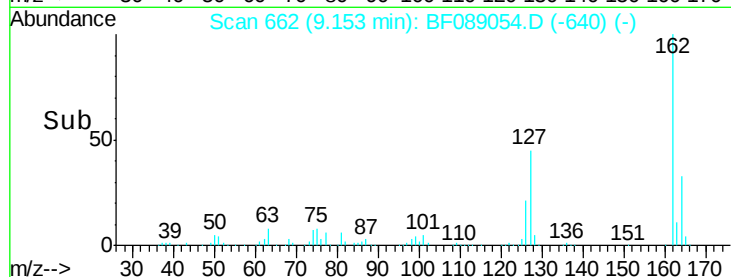
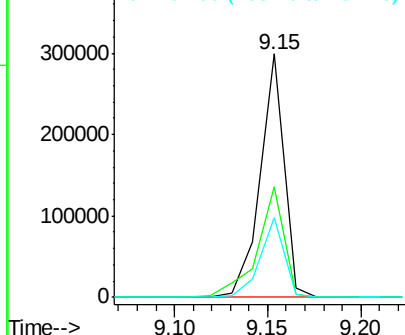
Tot Ion	Ratio	Lower	Upper
162	100		
127	45.3	35.2	52.8
164	32.9	26.6	39.8

Manual Integrations

sohil
7/18/2016 7:36:21 PM



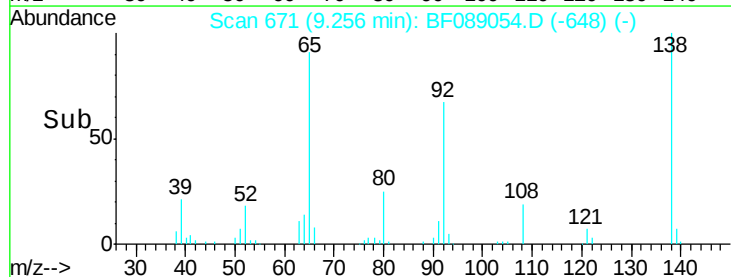
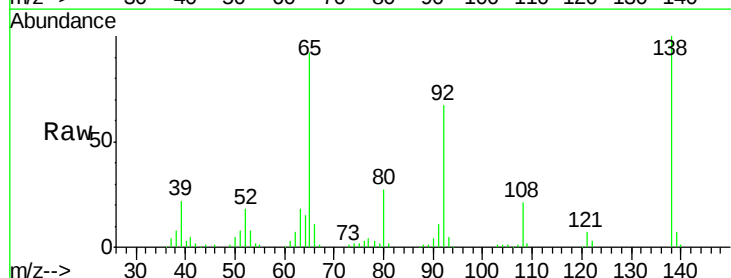
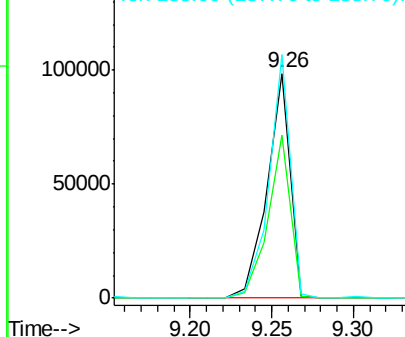
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

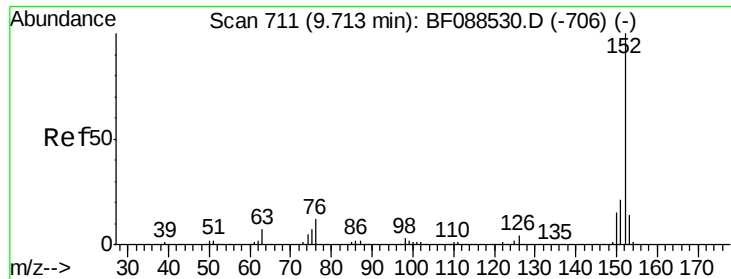


#47
2-Nitroaniline
Concen: 45.52 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	54.6	82.0
138	108.5	77.0	115.4

Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.87 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF089054.D

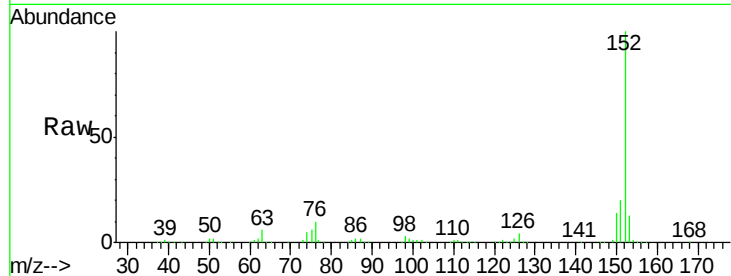
Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MS

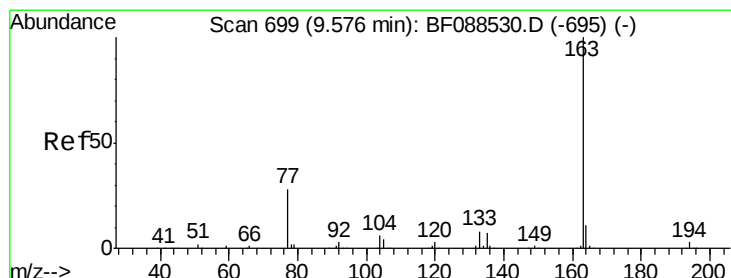
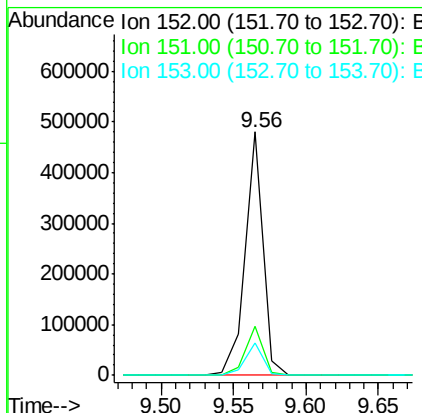
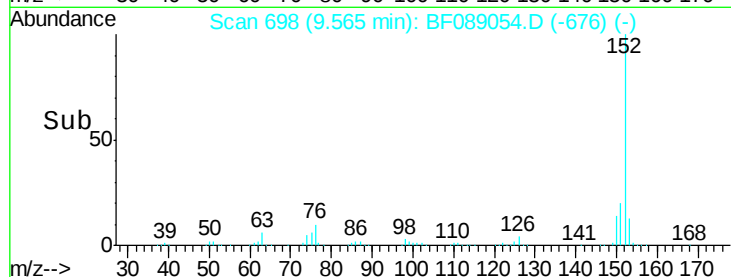


Tot Ion:	152	Resp:	410014
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4
153	13.1	11.0	16.6

Manual Integrations

sohil

7/18/2016 7:36:21 PM



#49

Dimethylphthalate

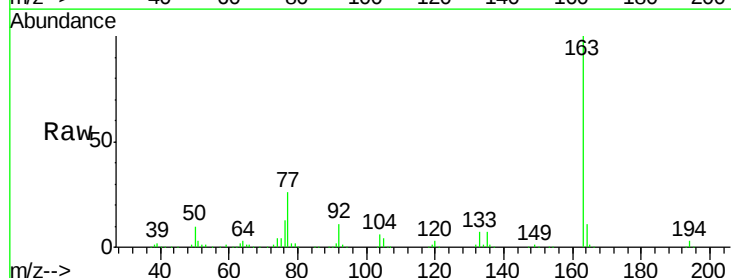
Concen: 86.78 ng

RT: 9.44 min Scan# 687

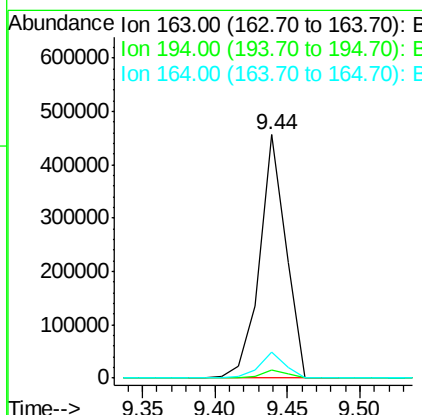
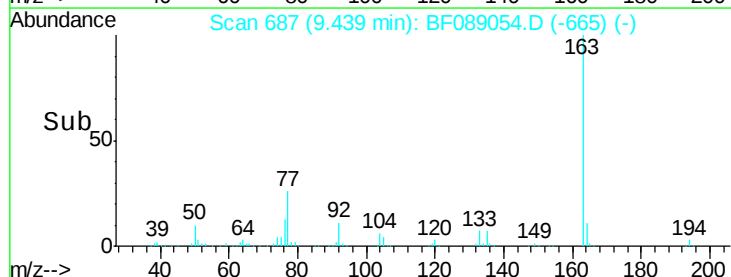
Delta R.T. -0.05 min

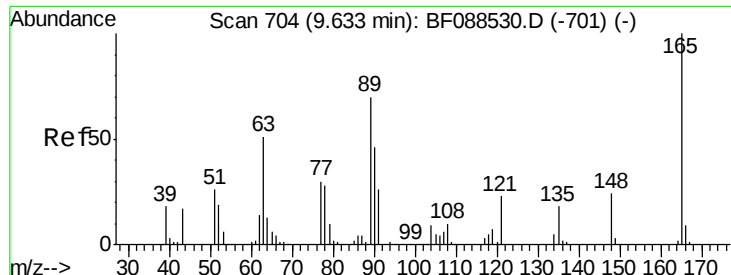
Lab File: BF089054.D

Acq: 16 Jul 2016 14:38



Tgt Ion:	163	Resp:	571665
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.8	4.2
164	10.7	8.3	12.5





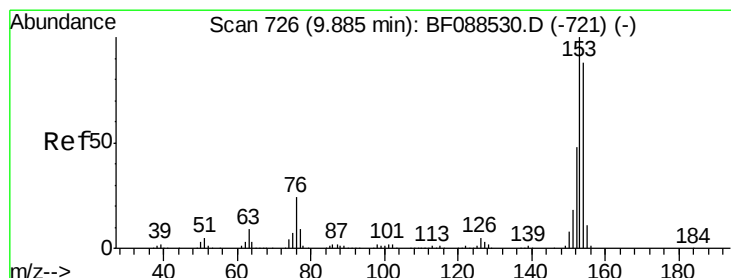
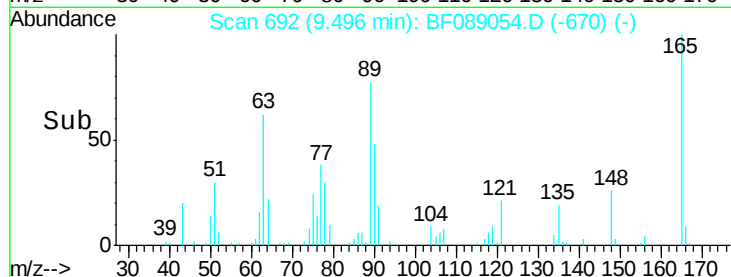
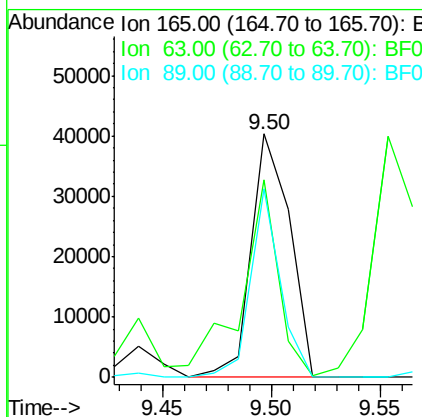
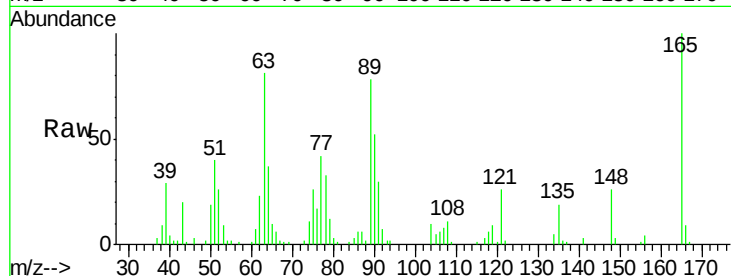
#50
 2,6-Dinitrotoluene
 Concen: 34.20 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.05 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	81.2	28.1	42.1#
89	77.7	32.2	48.2#

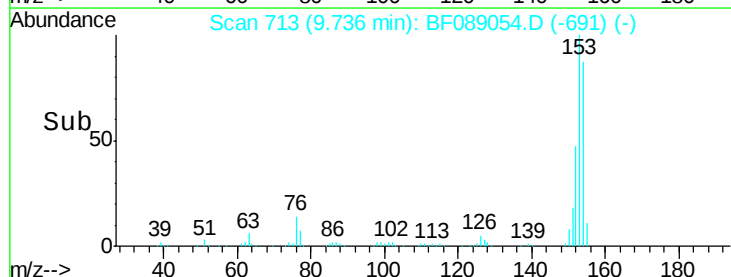
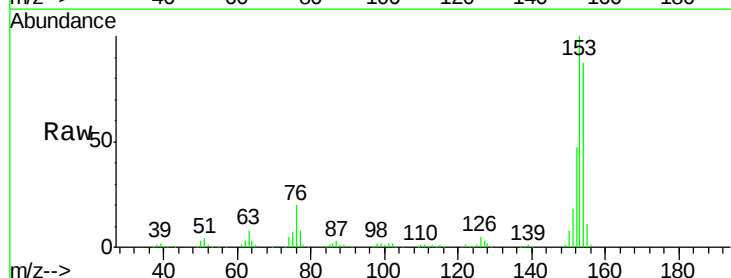
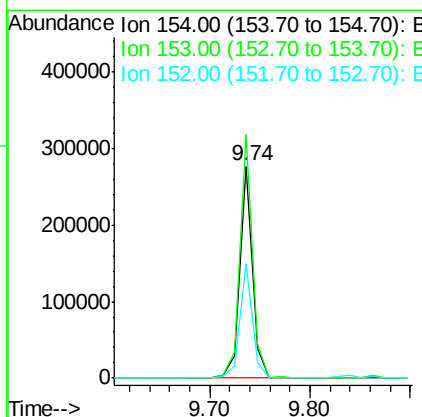
Manual Integrations

sohil
 7/18/2016 7:36:21 PM



#51
 Acenaphthene
 Concen: 40.85 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.05 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.5	134.3
152	54.1	42.7	64.1





#52

3-Nitroaniline

Concen: 39.23 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

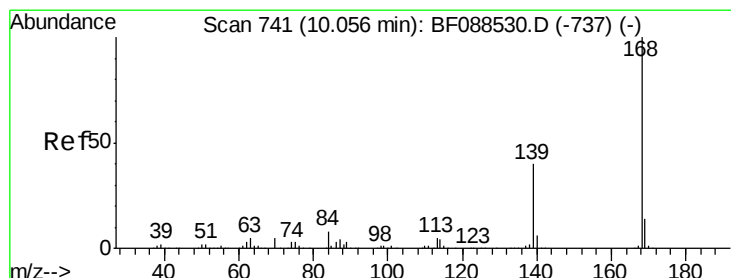
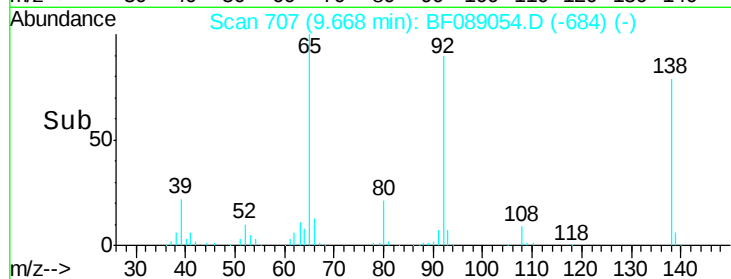
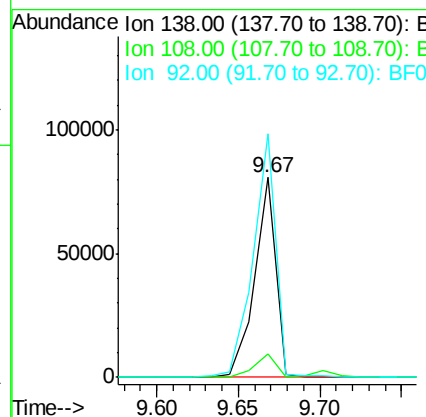
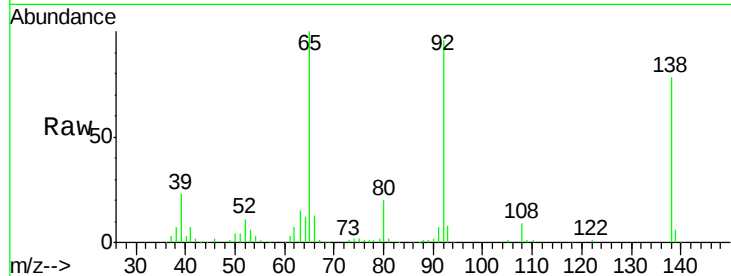
LSS-SB-SB05(0-2ft)MS

Tot Ion:138	Resp:	72819
Ion Ratio	Lower	Upper
138	100	
108	11.7	8.5 12.7
92	121.8	95.7 143.5

Manual Integrations

sohil

7/18/2016 7:36:21 PM



#54

Dibenzofuran

Concen: 43.81 ng

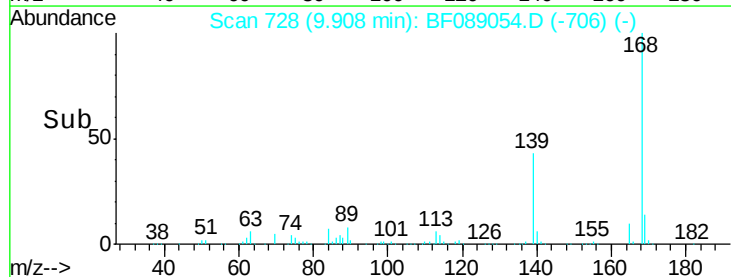
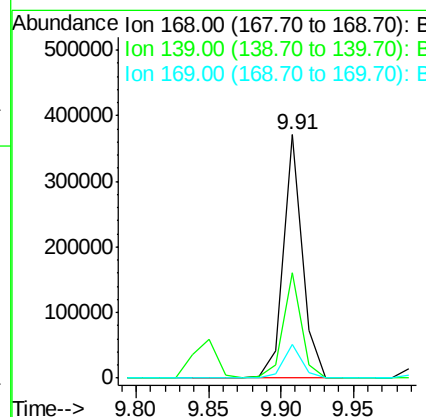
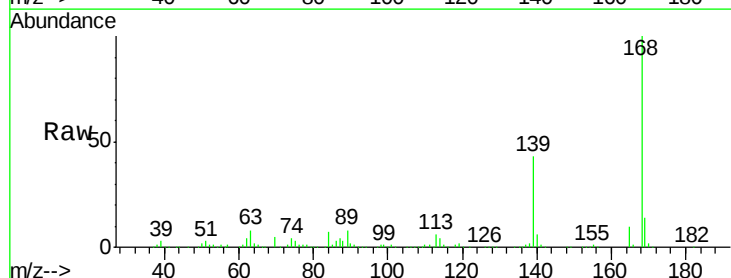
RT: 9.91 min Scan# 728

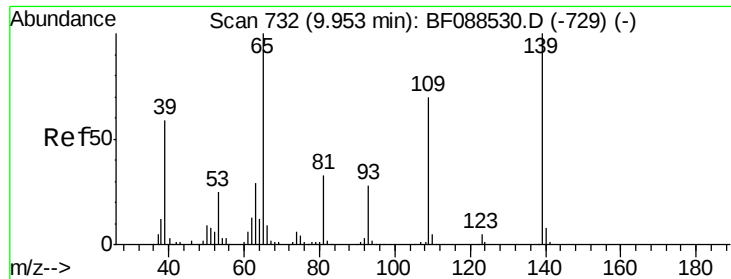
Delta R.T. -0.05 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Tgt Ion:168	Resp:	336175
Ion Ratio	Lower	Upper
168	100	
139	43.3	26.4 39.6#
169	13.9	10.4 15.6





#55

4-Nitrophenol

Concen: 49.61 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF089054.D

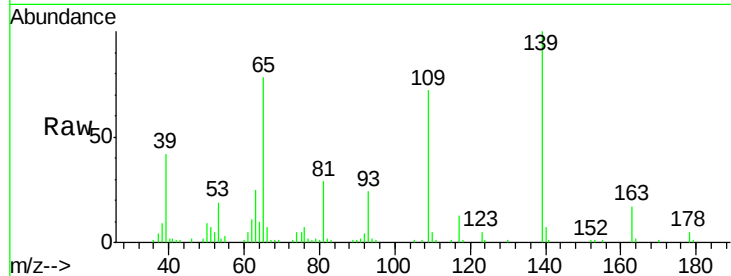
Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MS



Tot Ion:139 Resp: 69978

Ion Ratio Lower Upper

139 100

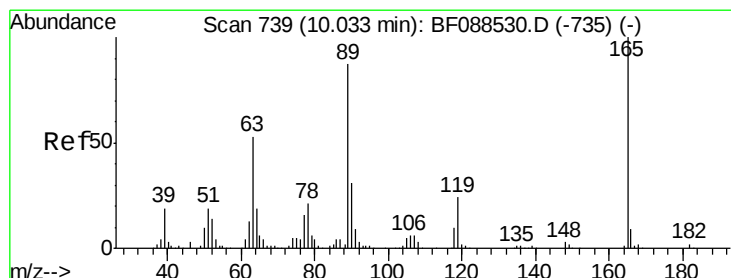
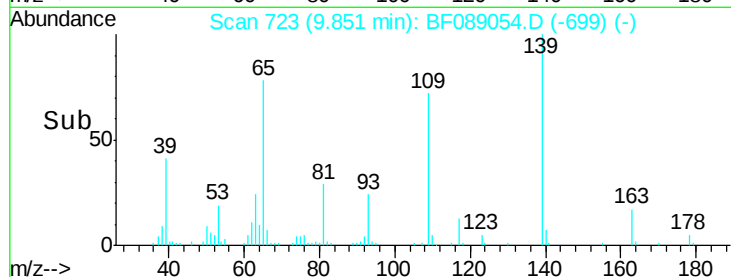
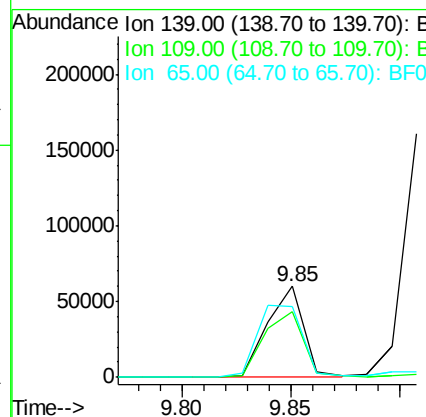
109 72.4 48.9 88.9

65 77.9 84.9 124.9#

Manual Integrations

sohil

7/18/2016 7:36:21 PM



#56

2,4-Dinitrotoluene

Concen: 31.14 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Tgt Ion:165 Resp: 59444

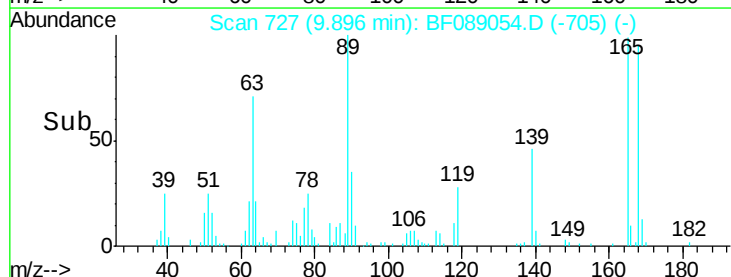
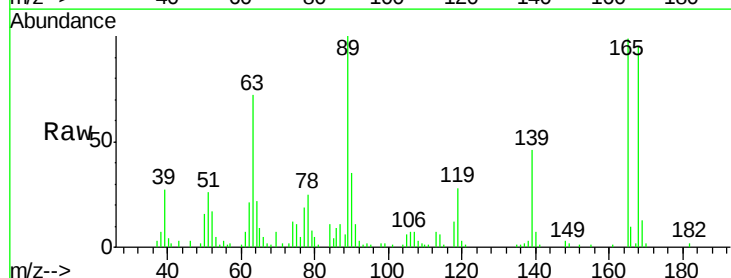
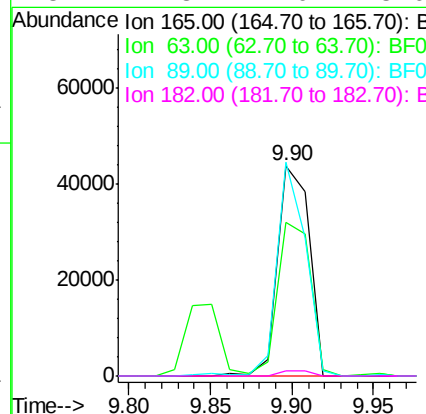
Ion Ratio Lower Upper

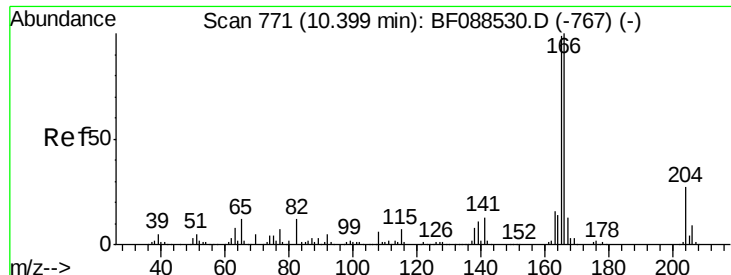
165 100

63 73.2 22.0 33.0#

89 101.5 41.1 61.7#

182 2.3 2.0 3.0





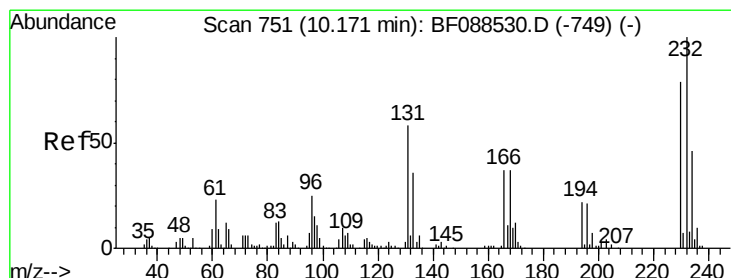
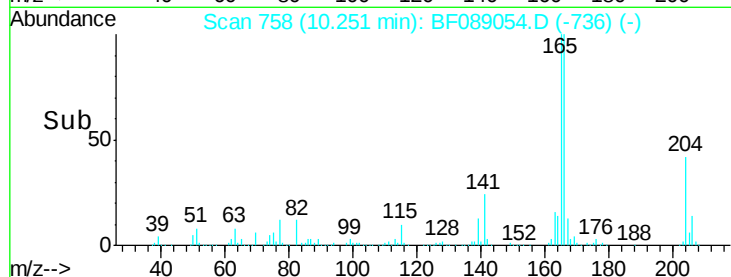
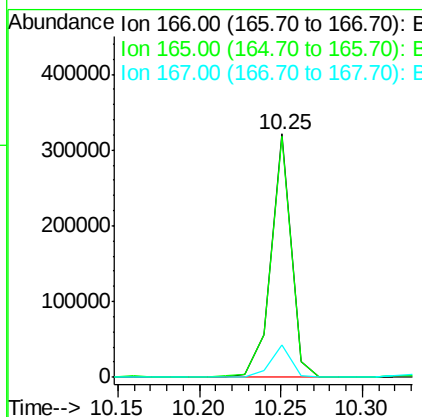
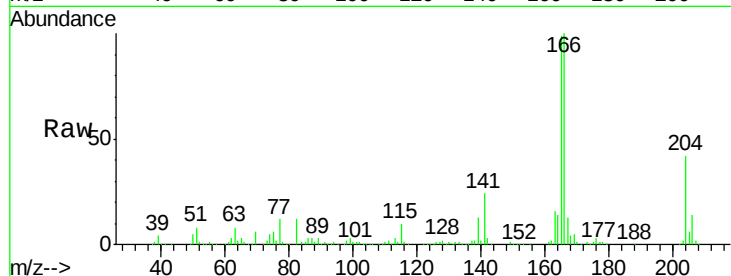
#57
 Fluorene
 Concen: 46.82 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.05 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.8
167	13.5	11.2	16.8

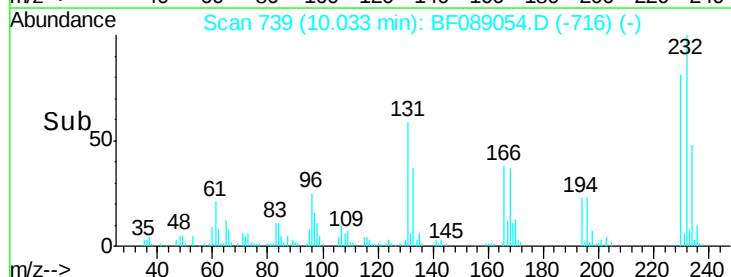
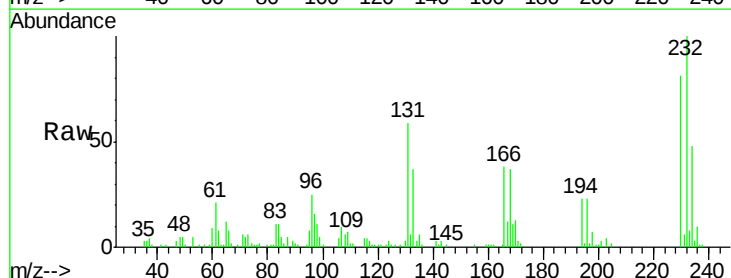
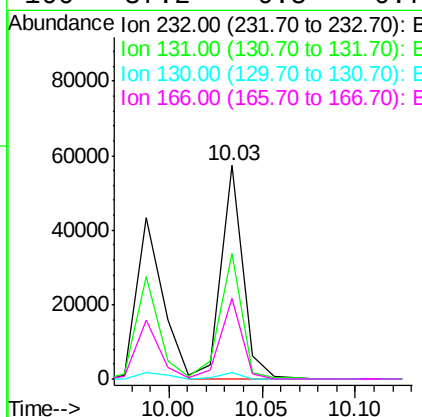
Manual Integrations

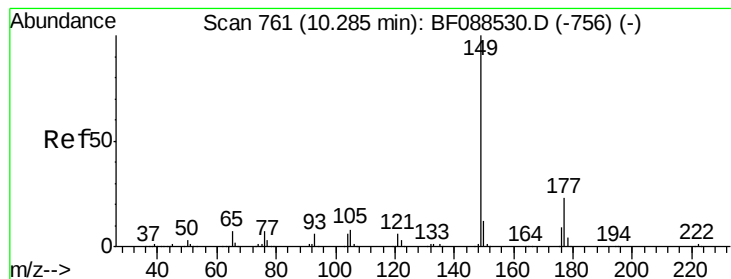
sohil
 7/18/2016 7:36:21 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.66 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	60.3	0.9	1.3#
130	3.2	1.5	2.3#
166	37.2	0.5	0.7#





#59

Diethylphthalate

Concen: 43.27 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

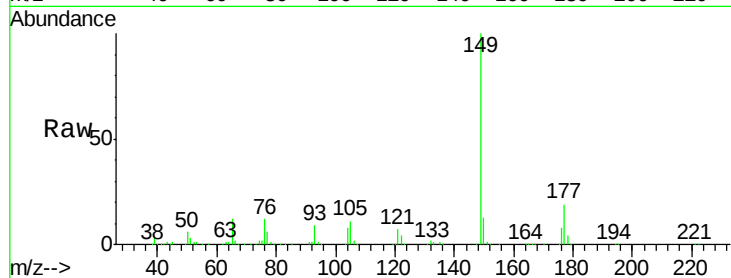
ClientSampleId :

LSS-SB-SB05(0-2ft)MS

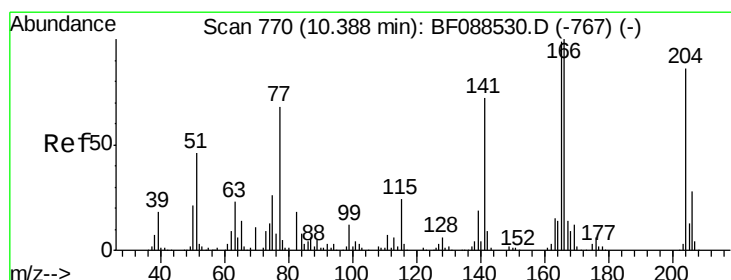
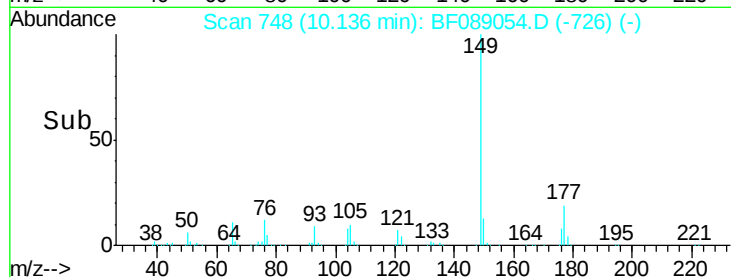
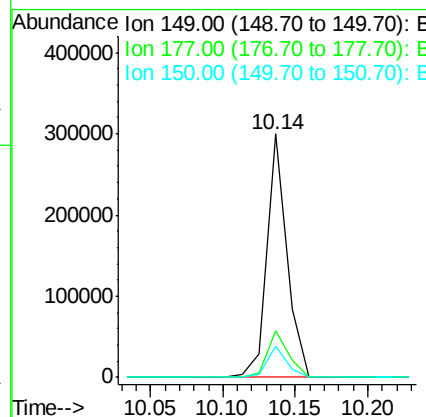
Manual Integrations

sohil

7/18/2016 7:36:21 PM



Tot Ion	Ratio	Lower	Upper
149	100		
177	19.1	16.9	25.3
150	12.8	10.1	15.1



#60

4-Chlorophenyl-phenylether

Concen: 45.44 ng

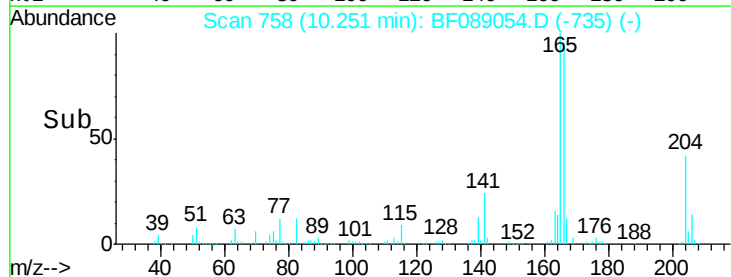
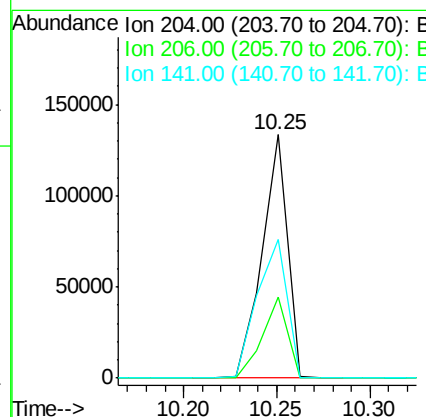
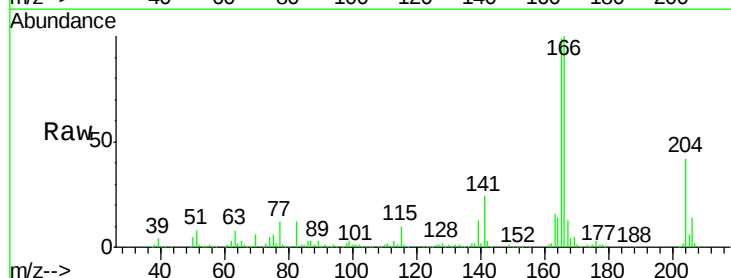
RT: 10.25 min Scan# 758

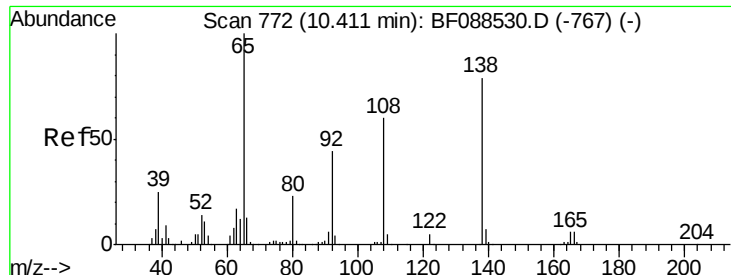
Delta R.T. -0.03 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	56.9	55.0	82.6





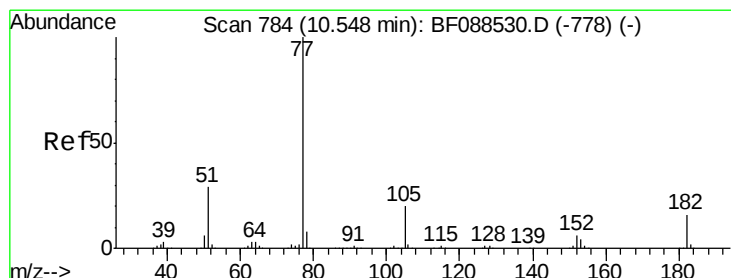
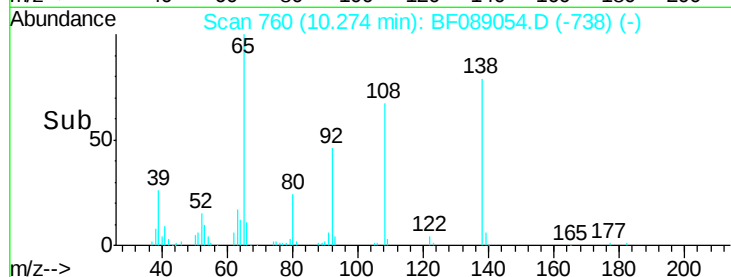
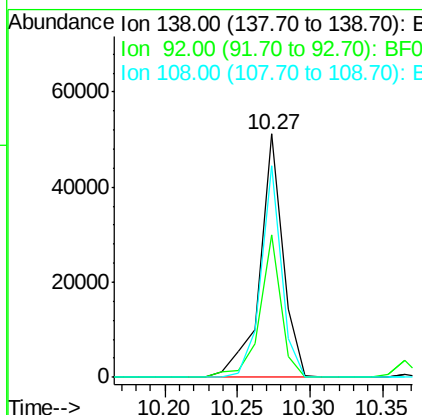
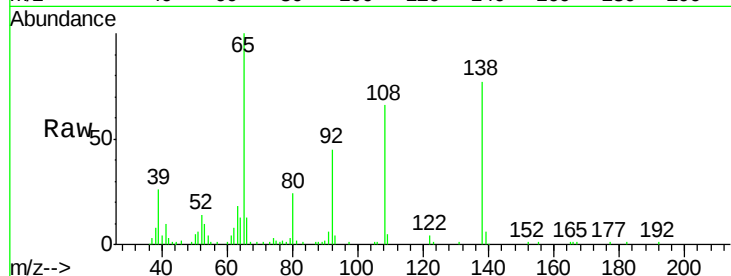
#61
4-Nitroaniline
Concen: 31.81 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion:138 Resp: 56824
Ion Ratio Lower Upper
138 100
92 58.6 27.3 67.3
108 86.7 46.7 86.7#

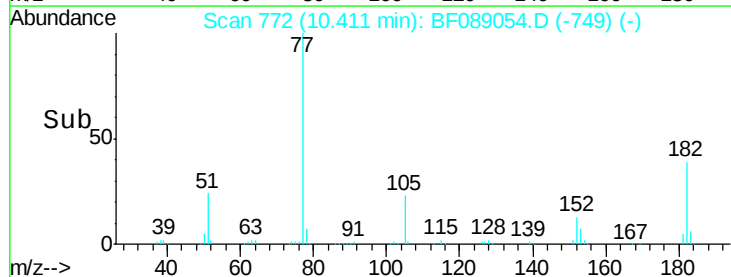
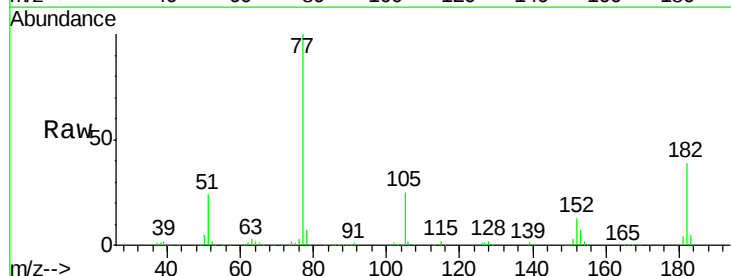
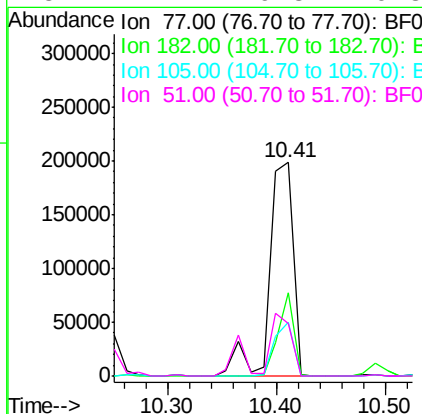
Manual Integrations

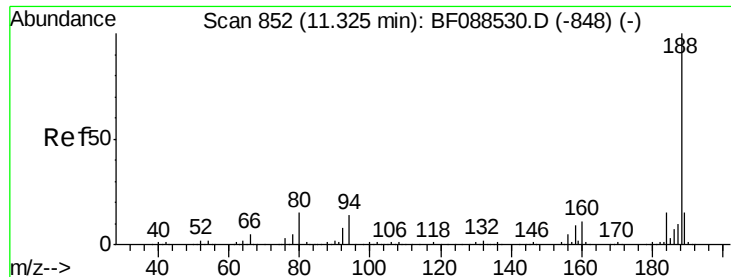
sohil
7/18/2016 7:36:21 PM



#62
Azobenzene
Concen: 39.76 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion: 77 Resp: 299813
Ion Ratio Lower Upper
77 100
182 38.7 4.4 44.4
105 25.0 3.8 43.8
51 24.4 9.3 49.3





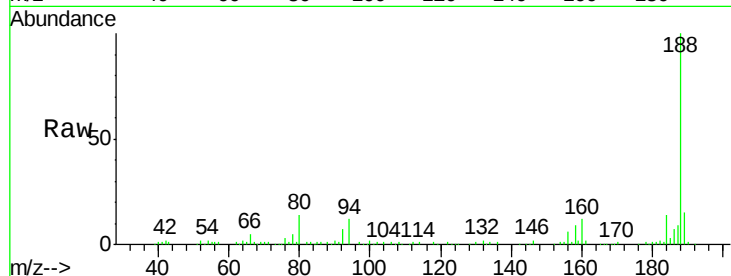
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

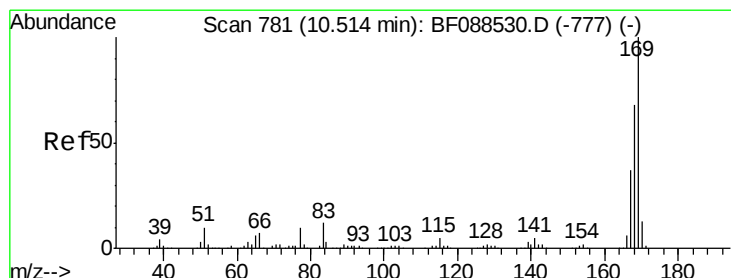
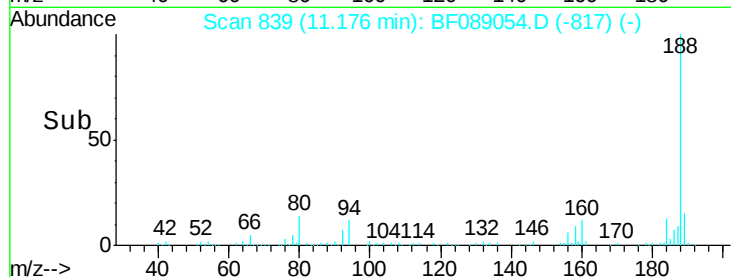
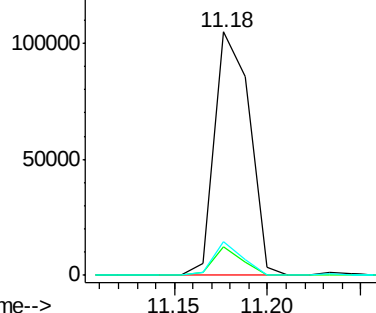
Tot Ion	188	Resp	137047
Ion Ratio	Lower	Upper	
188	100		
94	11.8	9.0	13.6
80	13.8	10.0	15.0

Manual Integrations

sohil
7/18/2016 7:36:21 PM



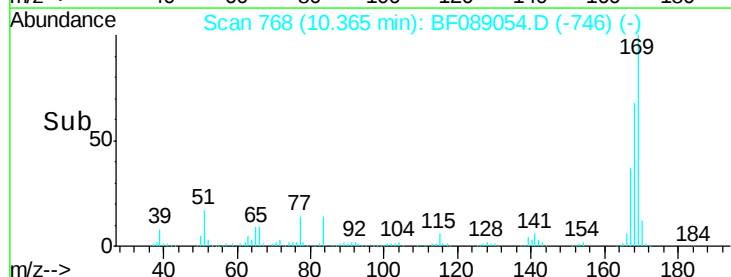
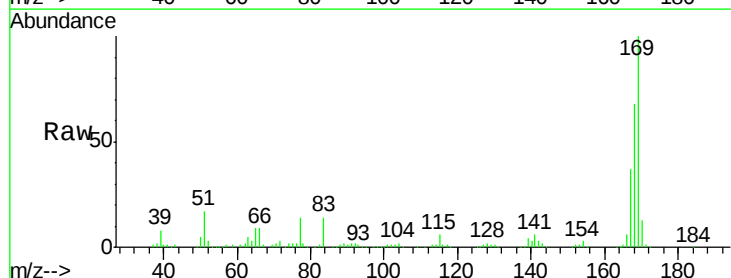
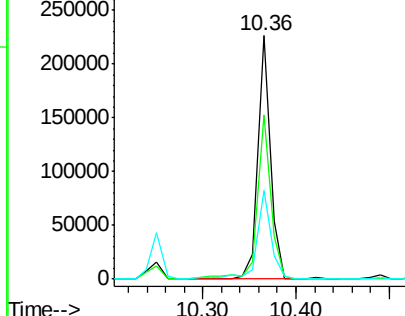
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

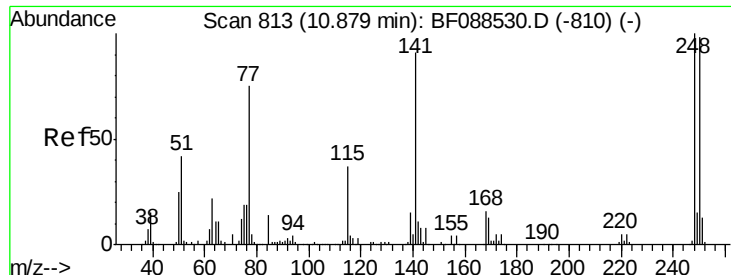


#65
n-Nitrosodiphenylamine
Concen: 45.98 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion	169	Resp	213260
Ion Ratio	Lower	Upper	
169	100		
168	67.6	53.4	80.0
167	36.6	29.4	44.0

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





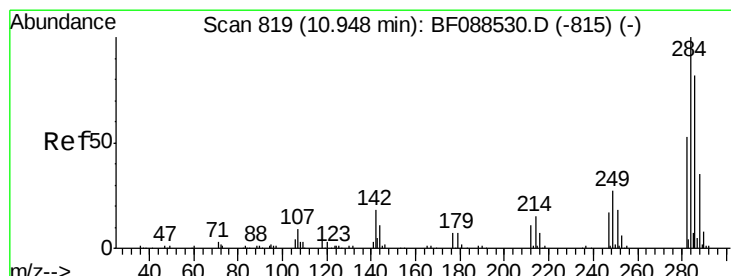
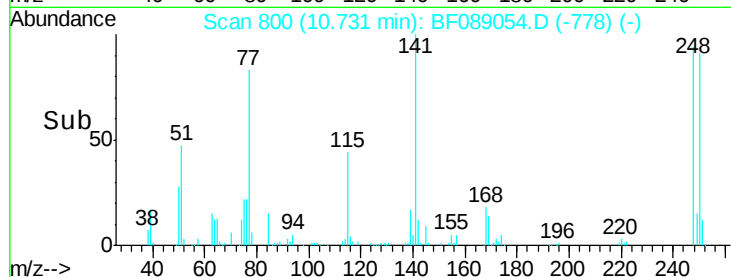
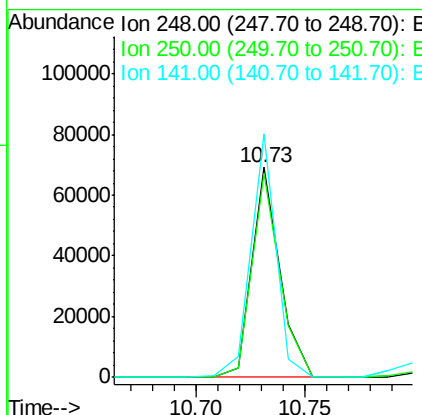
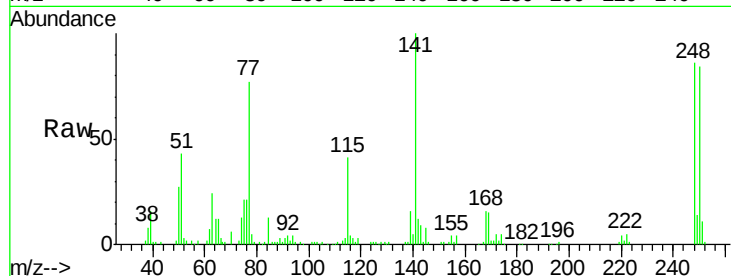
#66
4-Bromophenyl-phenylether
Concen: 44.40 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion:248 Resp: 61316
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 116.1 50.6 76.0#

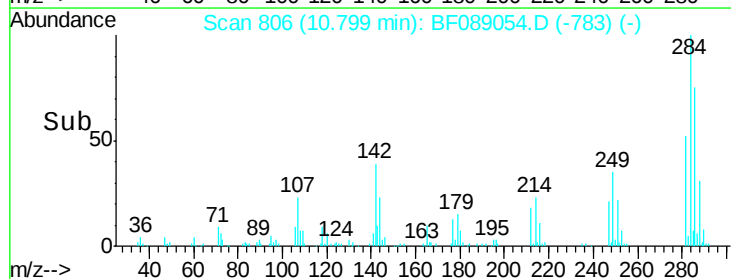
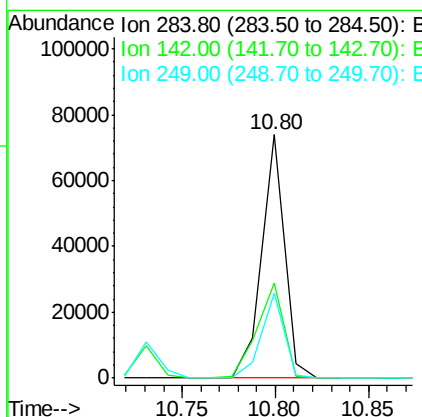
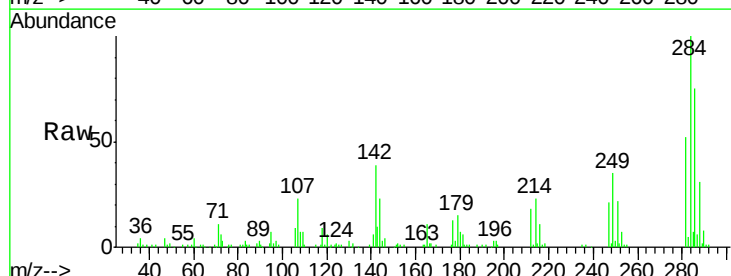
Manual Integrations

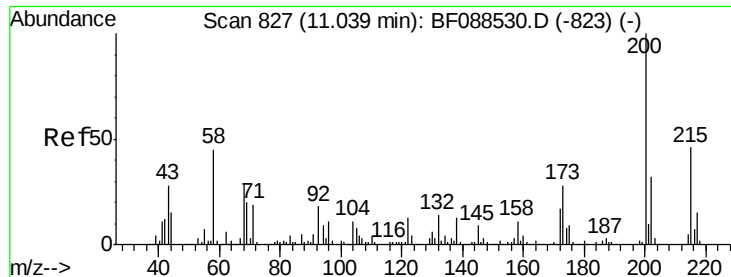
sohil
7/18/2016 7:36:21 PM



#67
Hexachlorobenzene
Concen: 40.69 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion:284 Resp: 62204
Ion Ratio Lower Upper
284 100
142 39.1 35.8 53.8
249 35.0 25.8 38.6





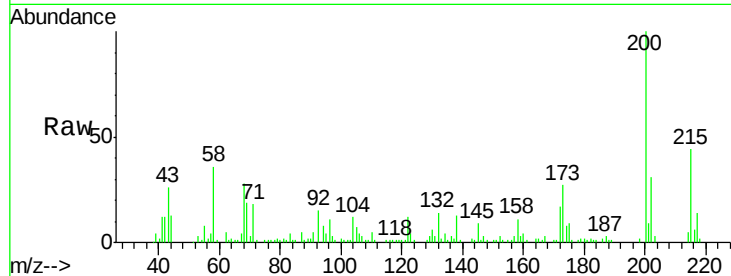
#68
Atrazine
Concen: 38.71 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	4.0	44.0
215	43.7	29.3	69.3

Manual Integrations

sohil
7/18/2016 7:36:21 PM

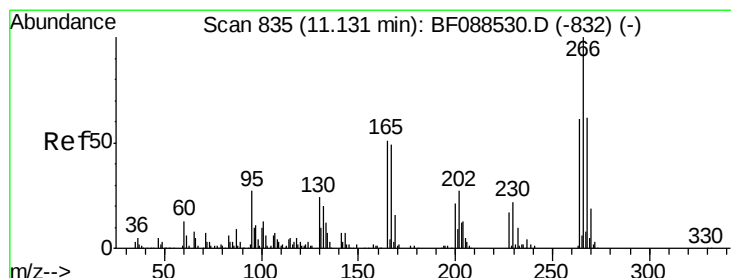
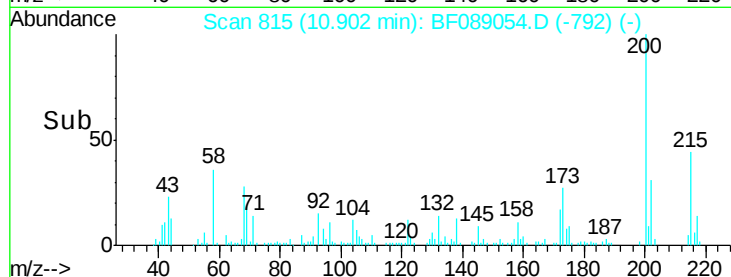
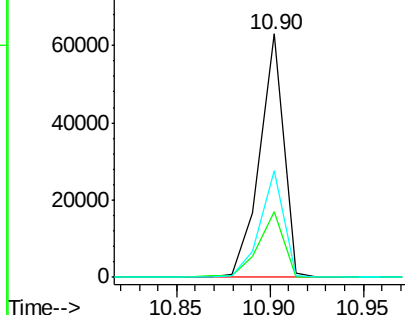


Abundance

Ion 200.00 (199.70 to 200.70): E

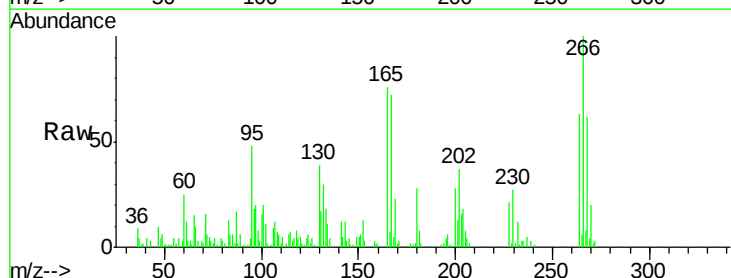
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69
Pentachlorophenol
Concen: 50.07 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.0	52.8	79.2
264	62.9	49.6	74.4

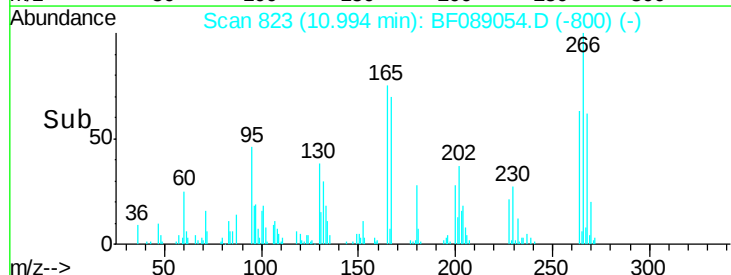
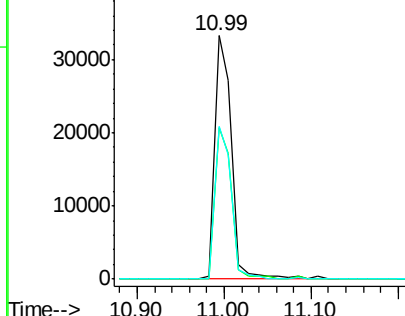


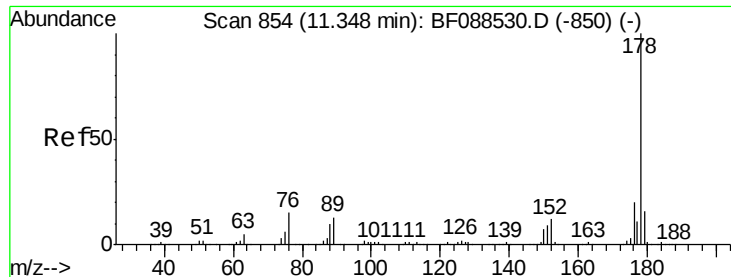
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





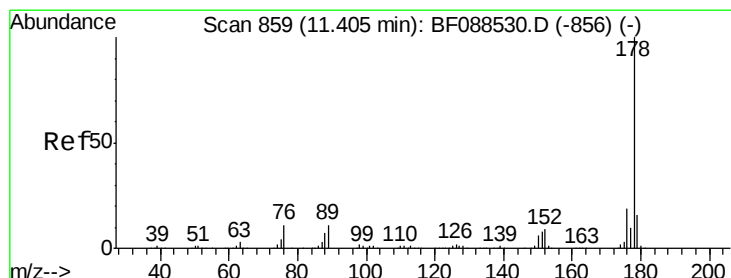
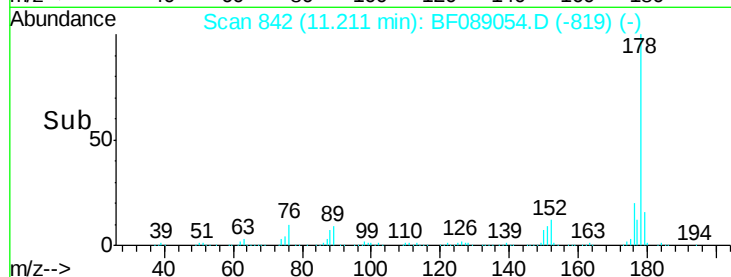
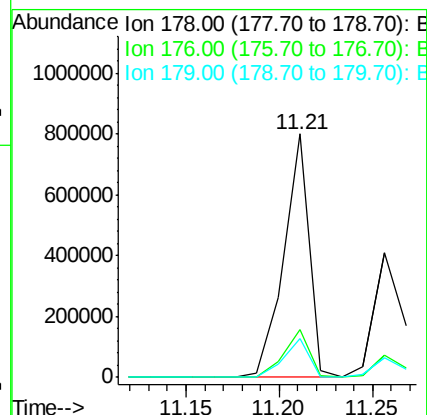
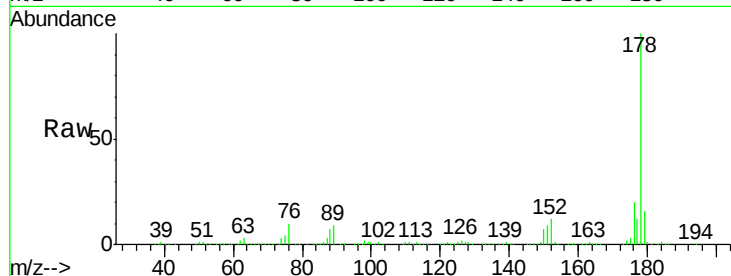
#70
Phenanthrene
Concen: 100.66 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion:178 Resp: 754090
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.0 13.0 19.4

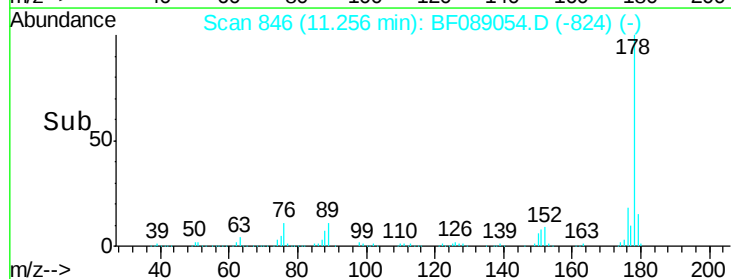
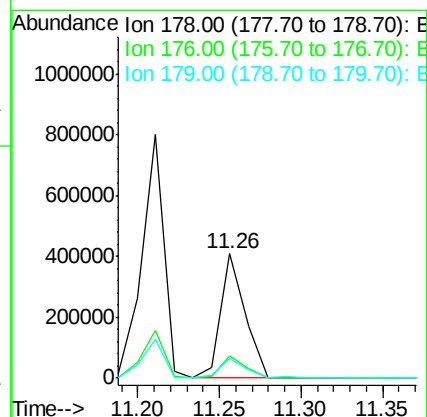
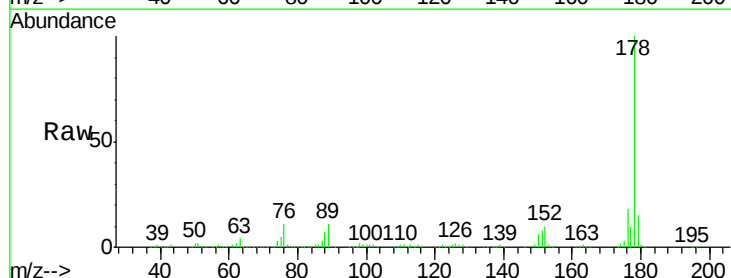
Manual Integrations

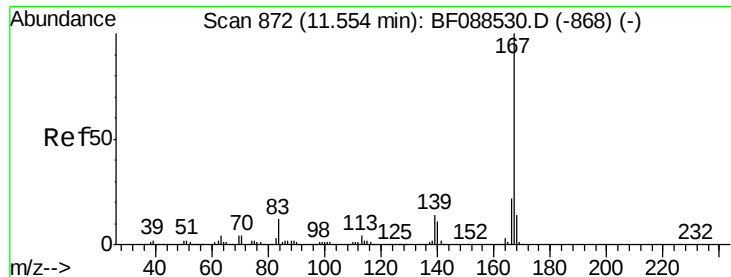
sohil
7/18/2016 7:36:21 PM



#71
Anthracene
Concen: 57.01 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.05 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion:178 Resp: 424672
Ion Ratio Lower Upper
178 100
176 18.3 15.6 23.4
179 15.5 12.8 19.2





#72

Carbazole

Concen: 46.04 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

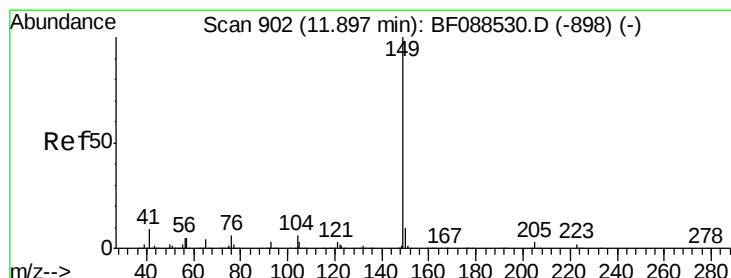
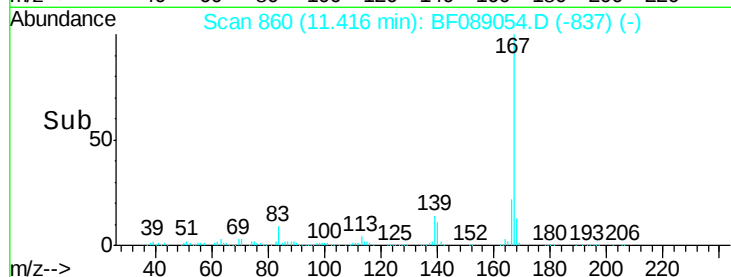
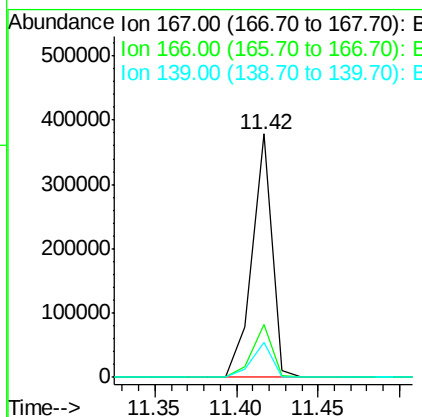
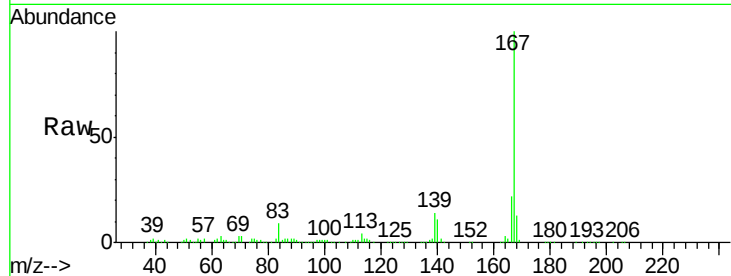
LSS-SB-SB05(0-2ft)MS

Tot Ion:	167	Resp:	322810
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.8	26.6
139	14.4	11.2	16.8

Manual Integrations

sohil

7/18/2016 7:36:21 PM



#73

Di-n-butylphthalate

Concen: 50.92 ng

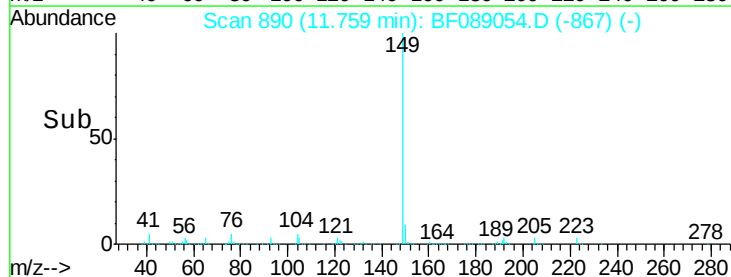
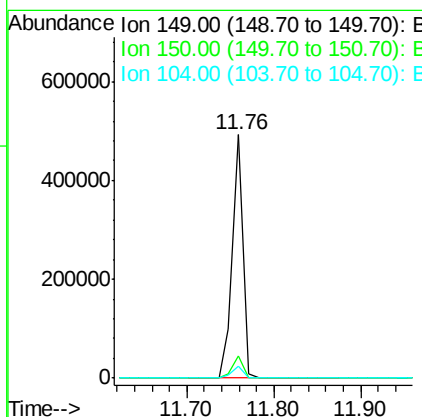
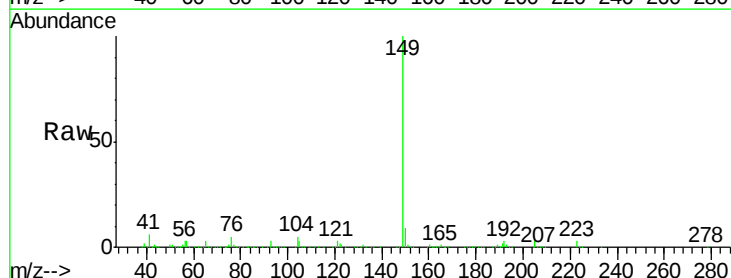
RT: 11.76 min Scan# 890

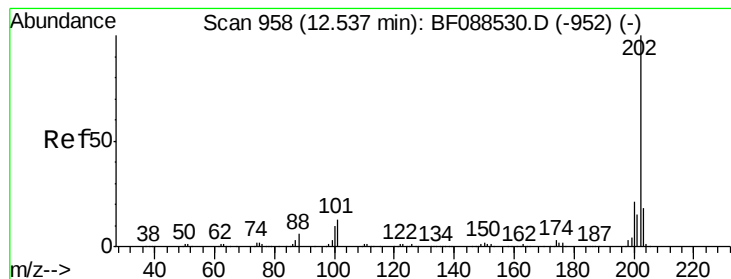
Delta R.T. -0.03 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Tgt Ion:	149	Resp:	415236
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	5.0	4.0	6.0





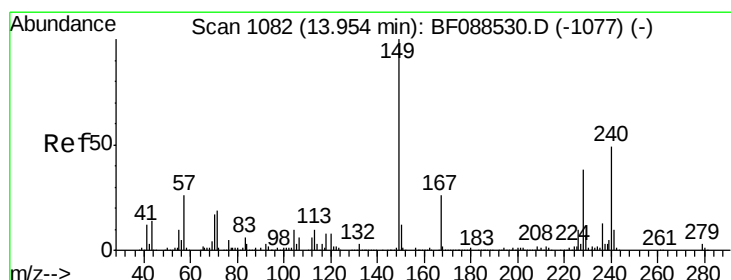
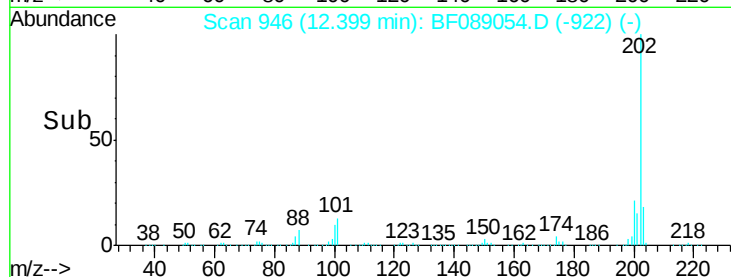
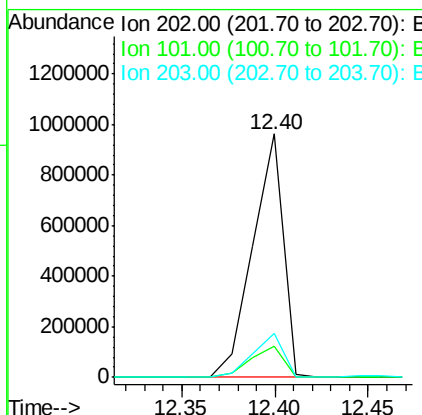
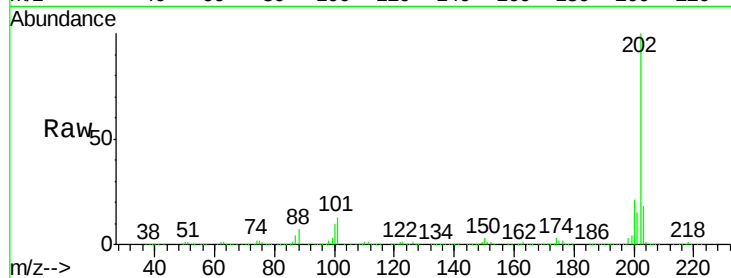
#74
 Fluoranthene
 Concen: 142.99 ng
 RT: 12.40 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.1
203	18.0	0.0	38.1

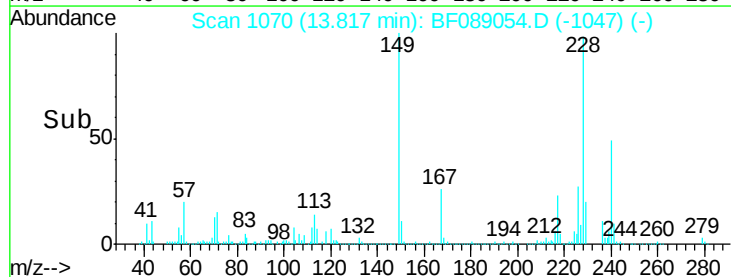
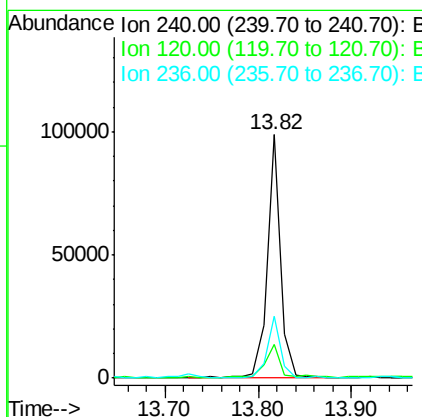
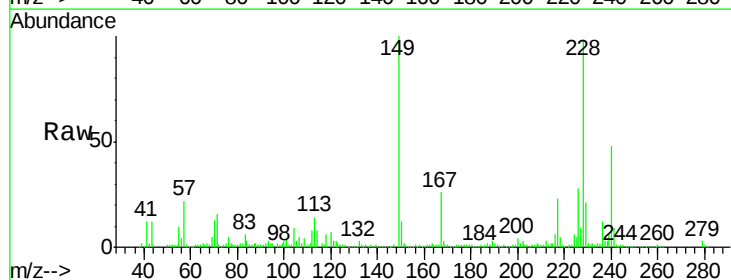
Manual Integrations

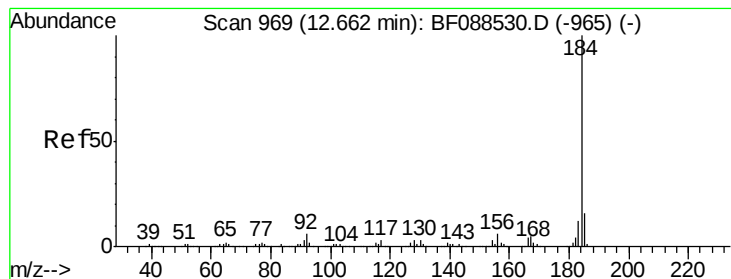
sohil
 7/18/2016 7:36:21 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.03 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	6.8	10.2#
236	25.3	20.2	30.2





#76

Benzidine

Concen: 2.71 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.03 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MS

Tot Ion:184 Resp: 13542

Ion Ratio Lower Upper

184 100

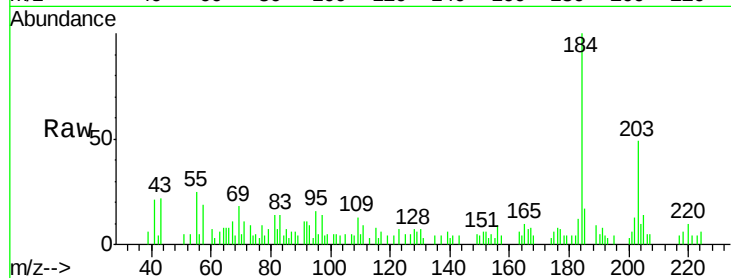
185 16.6 12.5 18.7

183 12.4 9.3 13.9

Manual Integrations

sohil

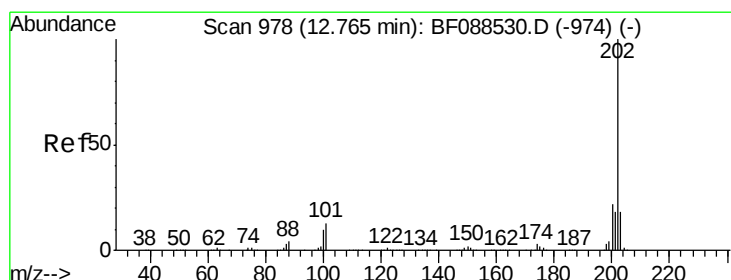
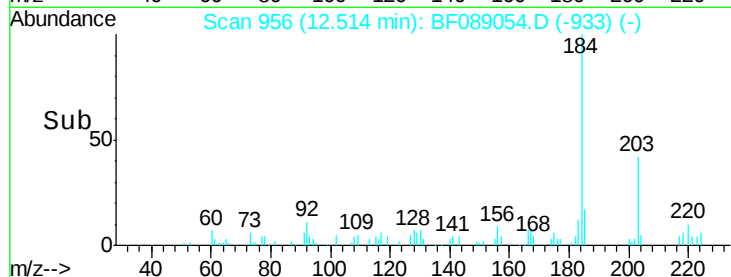
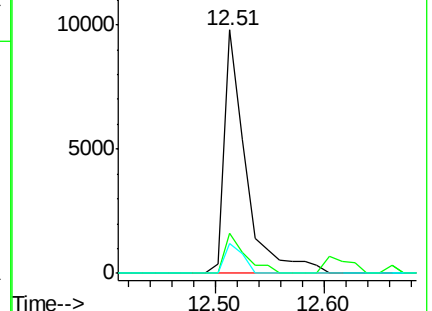
7/18/2016 7:36:21 PM



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: 125.84 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

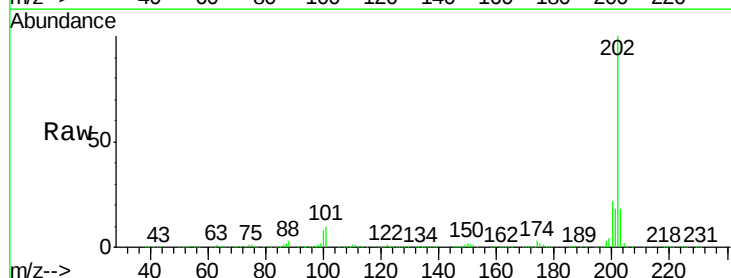
Tgt Ion:202 Resp: 1054297

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

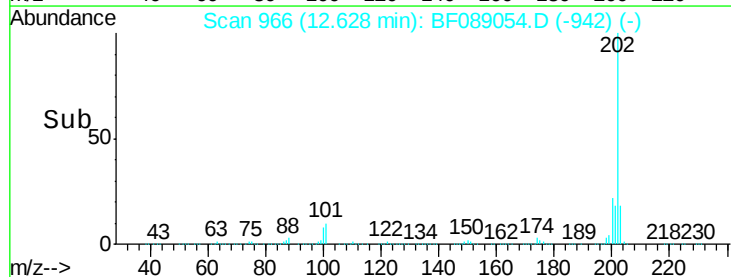
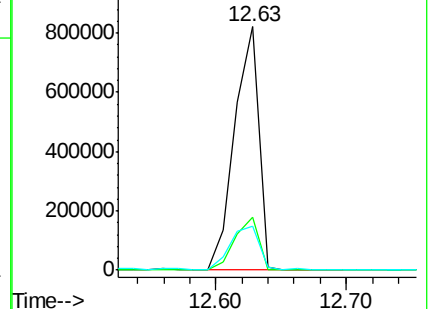
203 18.0 14.5 21.7

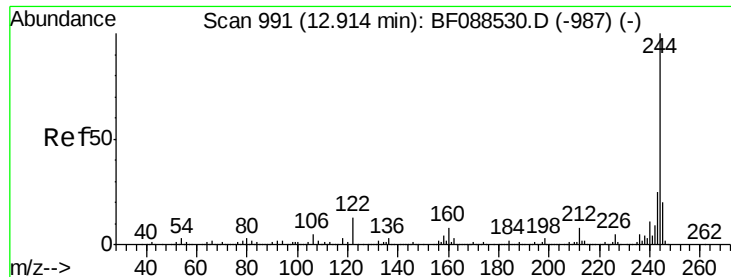


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





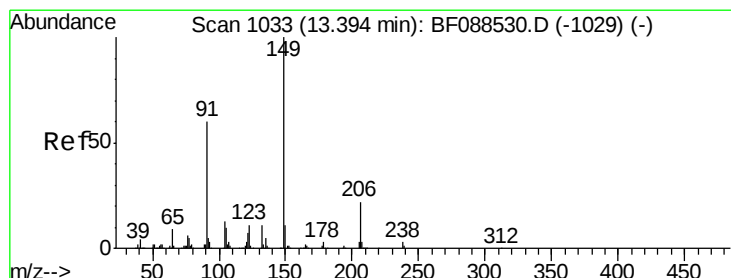
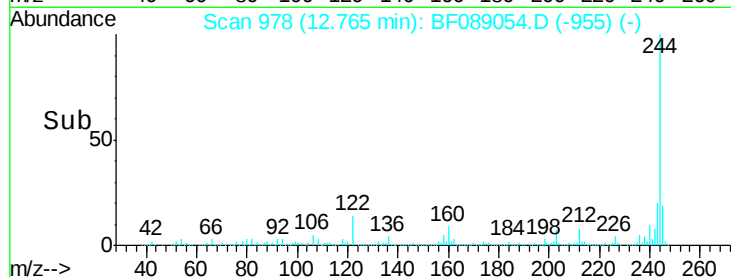
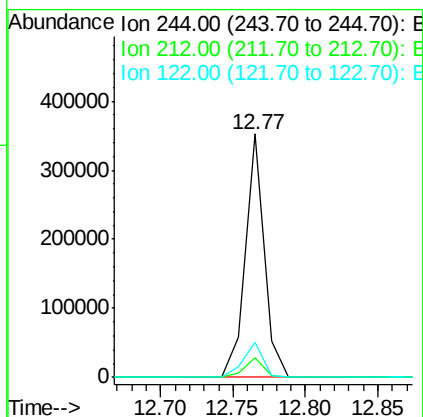
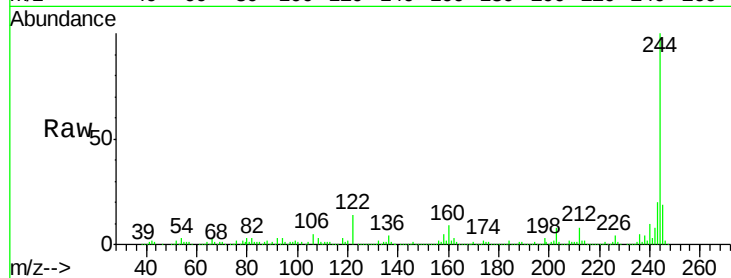
#78
 Terphenyl-d14
 Concen: 71.79 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	14.2	11.2	16.8

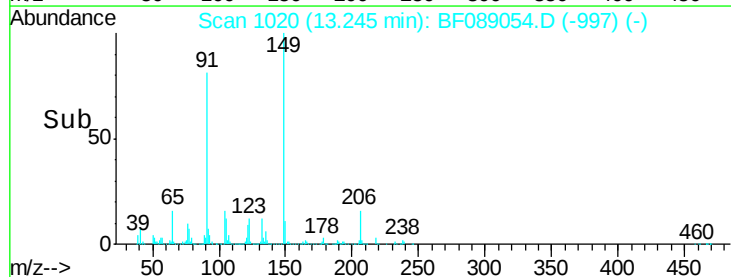
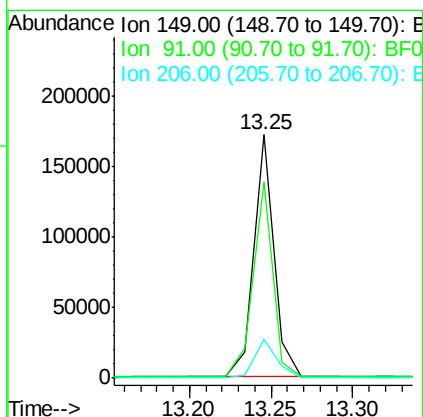
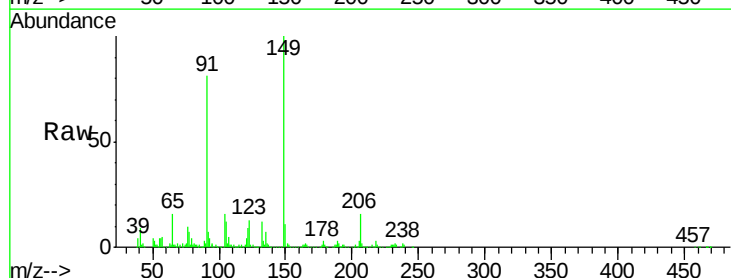
Manual Integrations

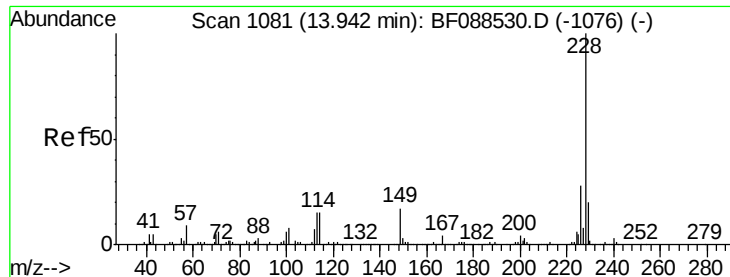
sohil
 7/18/2016 7:36:21 PM



#79
 Butylbenzylphthalate
 Concen: 39.44 ng
 RT: 13.25 min Scan# 1020
 Delta R.T. -0.03 min
 Lab File: BF089054.D
 Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.9	48.0	72.0#
206	15.9	16.0	24.0#





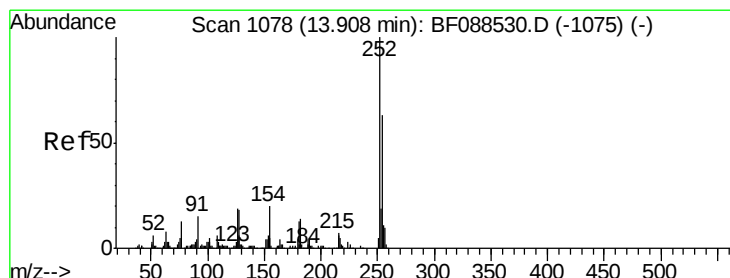
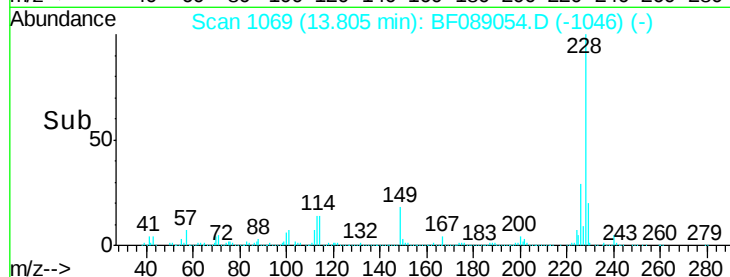
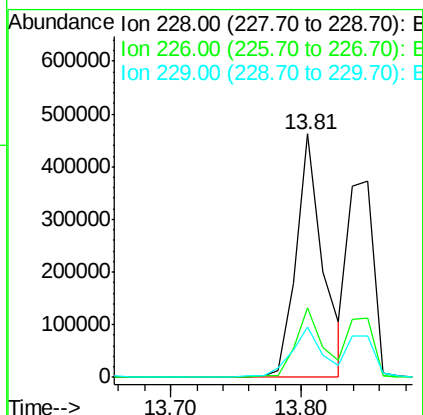
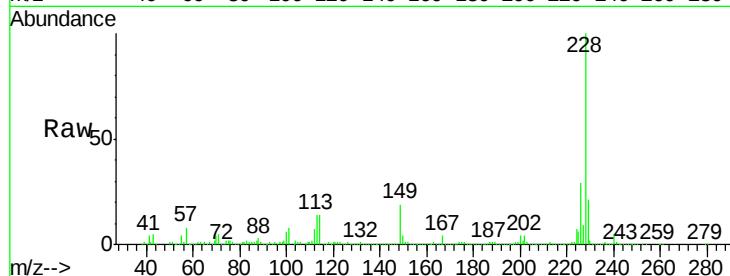
#80
Benzo(a)anthracene
Concen: 103.77 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	20.8	16.0	24.0

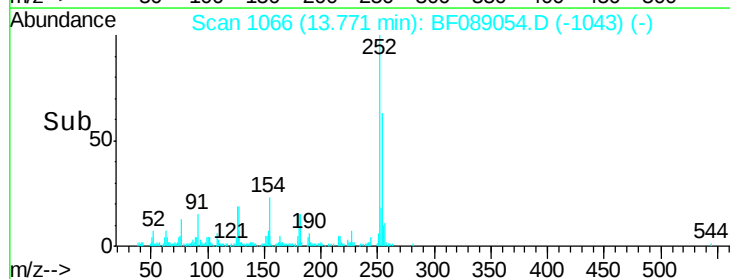
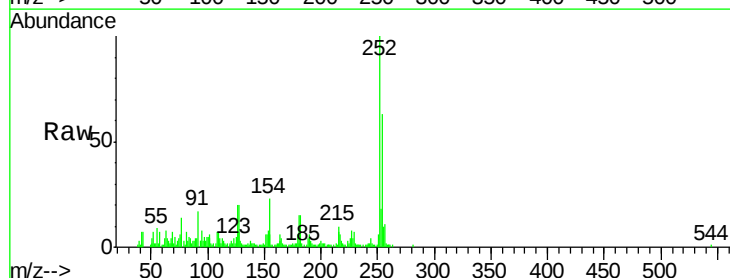
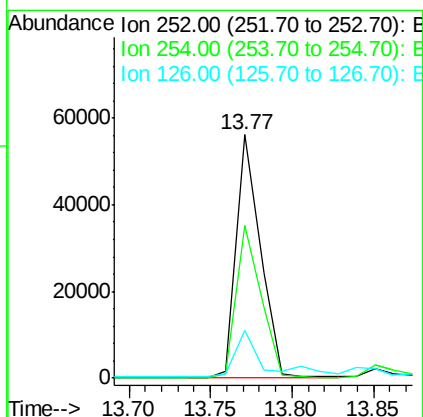
Manual Integrations

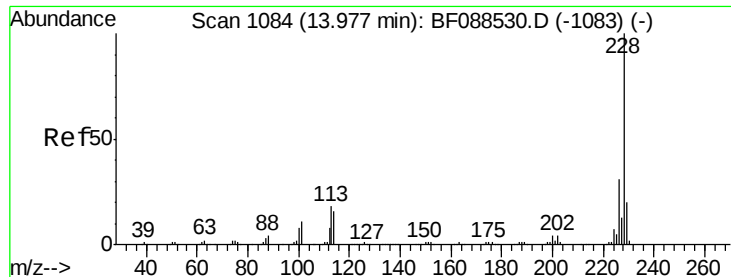
sohil
7/18/2016 7:36:21 PM



#81
3,3'-Dichlorobenzidine
Concen: 24.22 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.03 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	52.6	78.8
126	19.7	6.2	9.2





#82

Chrysene

Concen: 80.95 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MS

Tot Ion:228 Resp: 509599

Ion Ratio Lower Upper

228 100

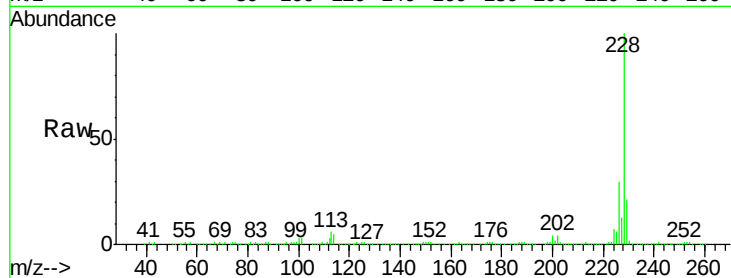
226 30.1 25.4 38.2

229 21.0 16.3 24.5

Manual Integrations

sohil

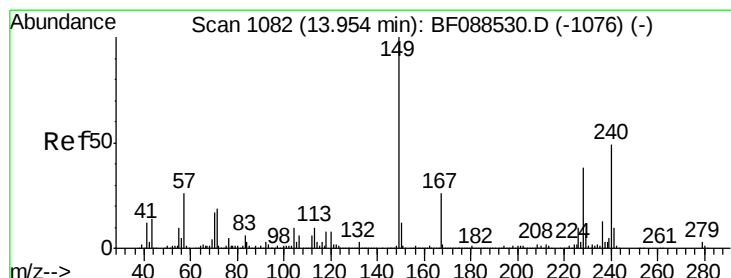
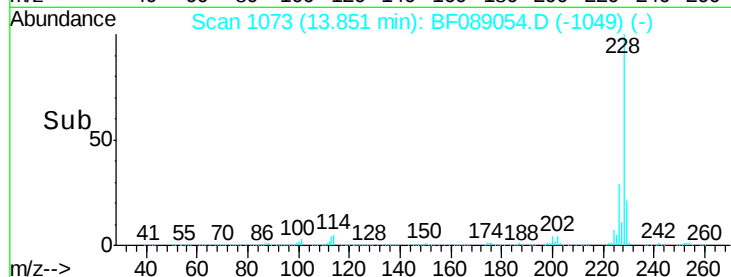
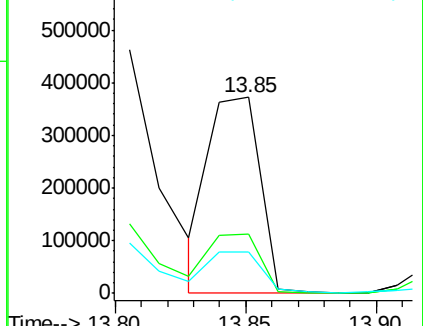
7/18/2016 7:36:21 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.33 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

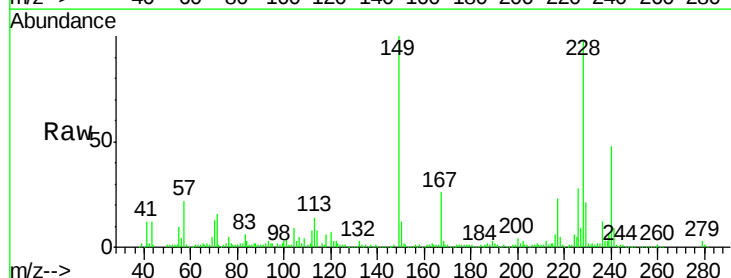
Tgt Ion:149 Resp: 206221

Ion Ratio Lower Upper

149 100

167 25.5 20.5 30.7

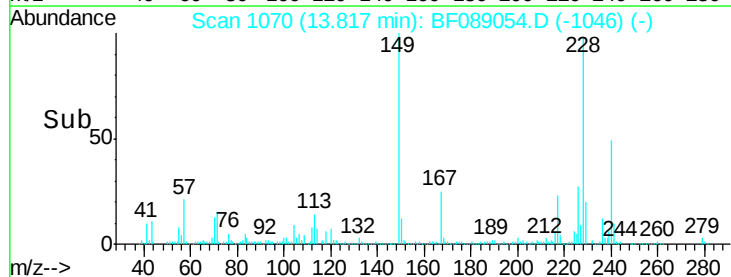
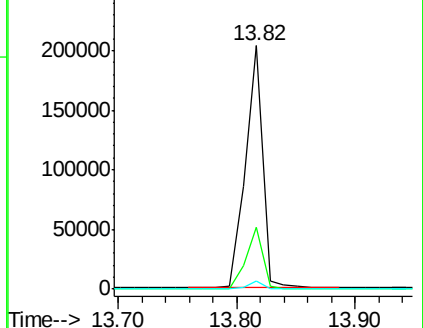
279 3.3 2.0 3.0#

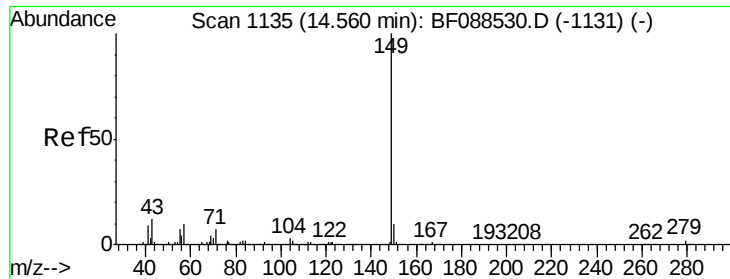


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 45.22 ng

RT: 14.42 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BF089054.D

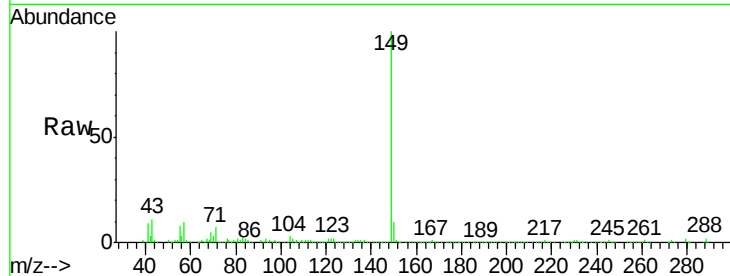
Acq: 16 Jul 2016 14:38

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB05(0-2ft)MS



Tot Ion:149 Resp: 327808

Ion Ratio Lower Upper

149 100

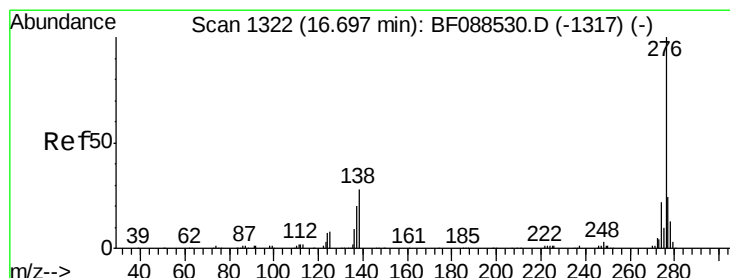
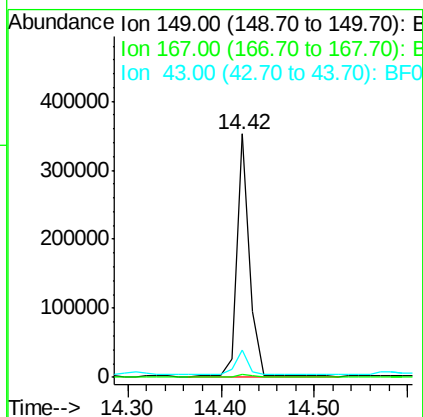
167 1.8 0.0 0.0#

43 10.4 0.0 0.0#

Manual Integrations

sohil

7/18/2016 7:36:21 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 64.73 ng

RT: 16.48 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF089054.D

Acq: 16 Jul 2016 14:38

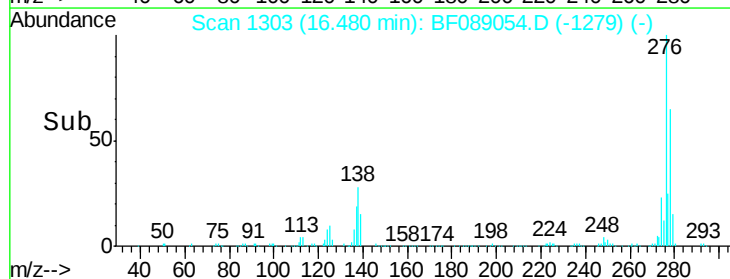
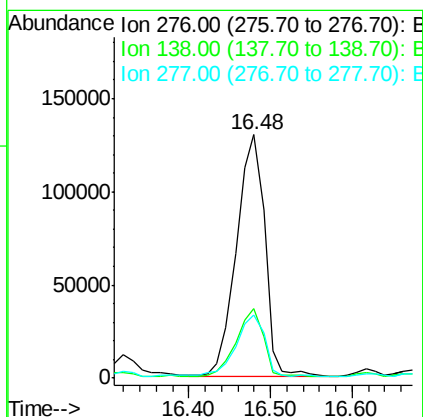
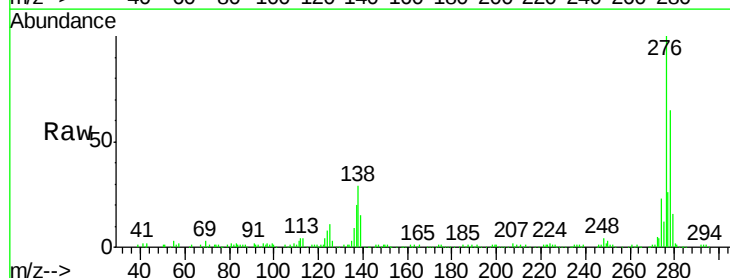
Tgt Ion:276 Resp: 313515

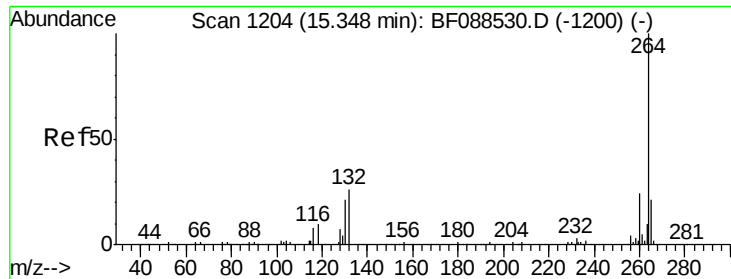
Ion Ratio Lower Upper

276 100

138 27.6 0.0 0.0#

277 25.9 0.0 0.0#





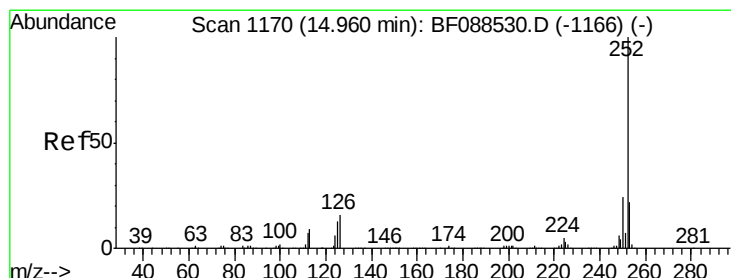
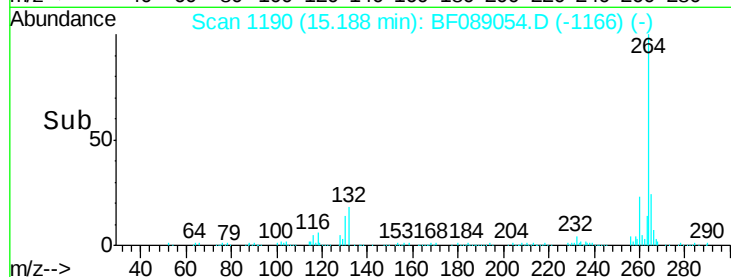
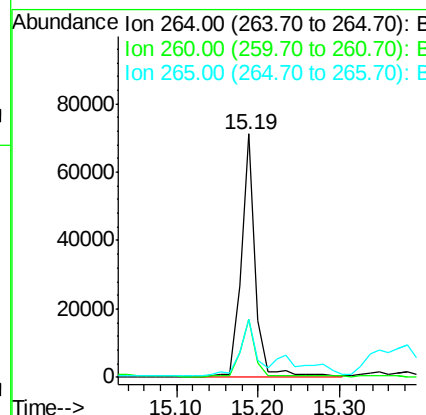
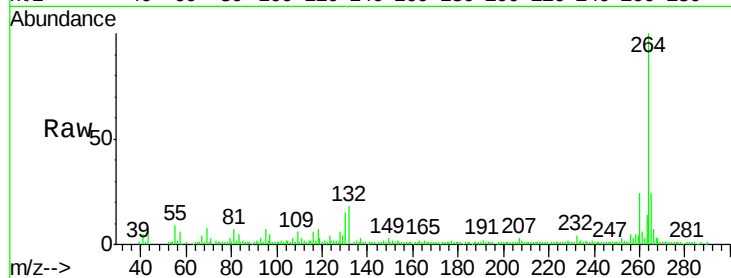
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	24.0	16.9	25.3

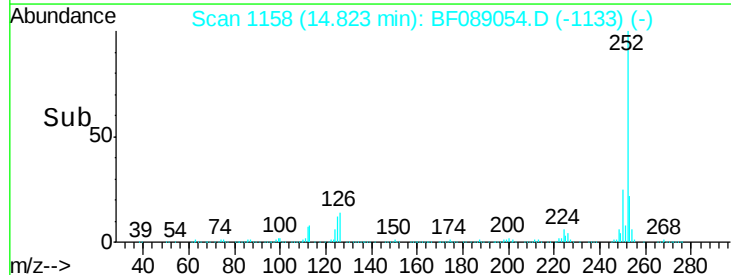
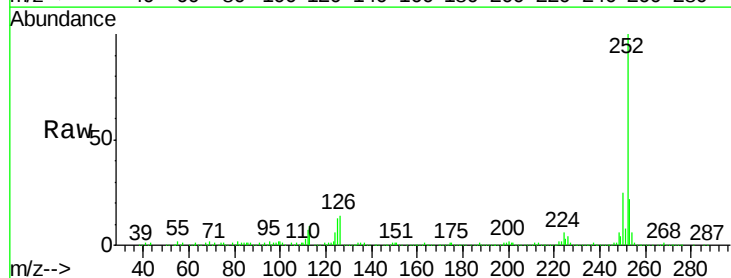
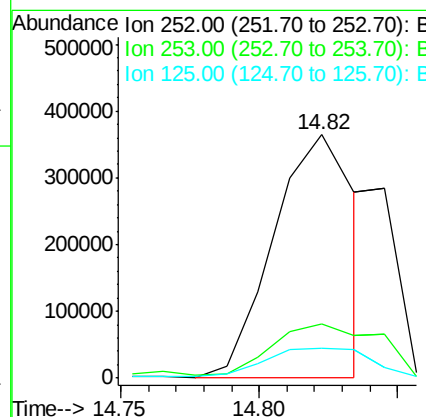
Manual Integrations

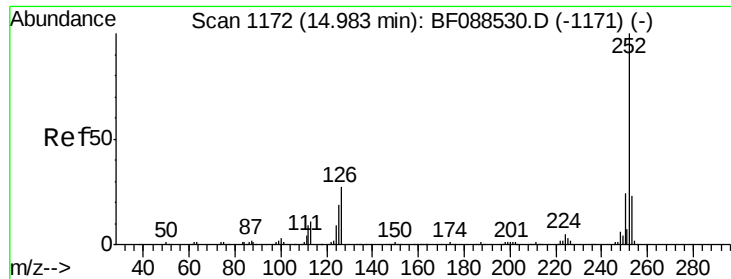
sohil
7/18/2016 7:36:21 PM



#87
Benzo(b)fluoranthene
Concen: 137.28 ng m
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	12.5	7.1	10.7





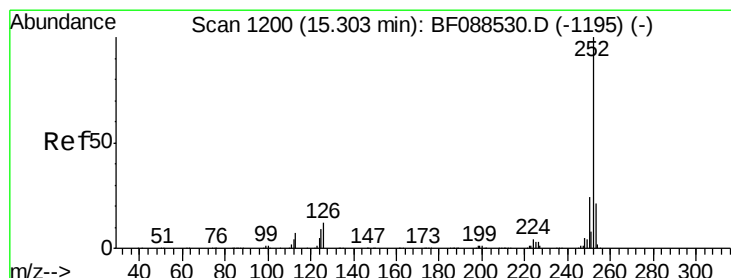
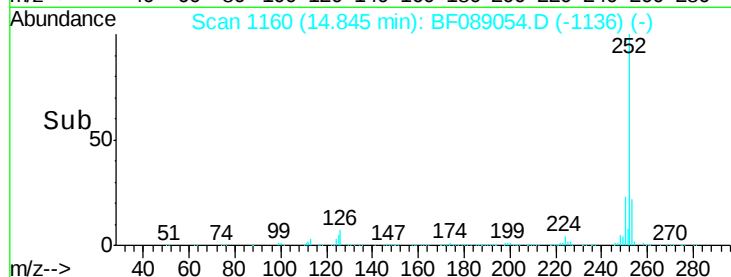
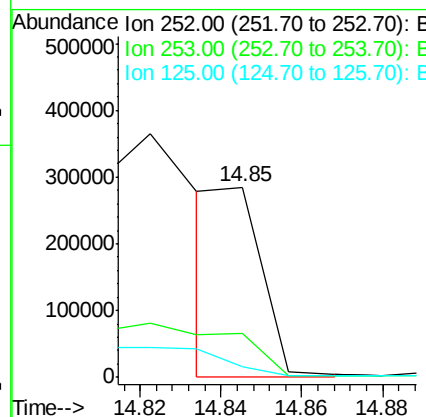
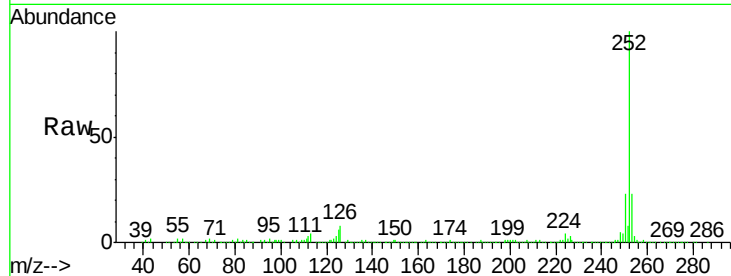
#88
Benzo(k)fluoranthene
Concen: 42.79 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	5.9	11.2	16.8

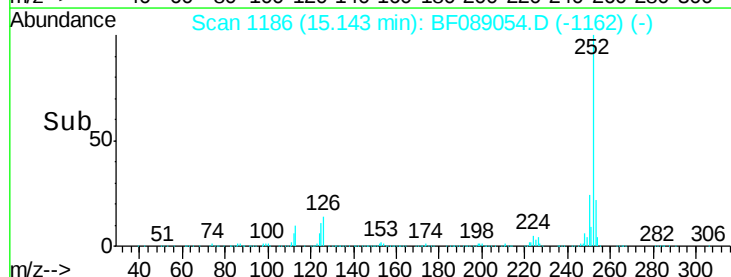
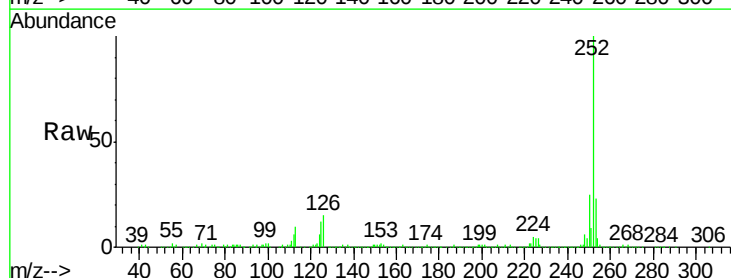
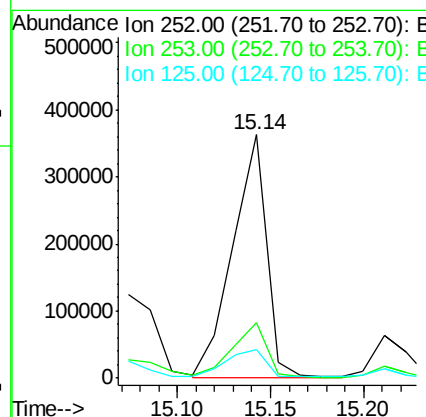
Manual Integrations

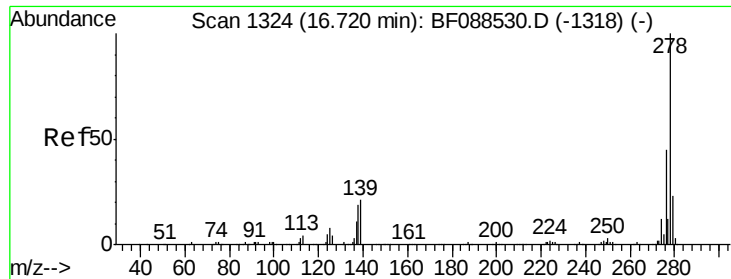
sohil
7/18/2016 7:36:21 PM



#89
Benzo(a)pyrene
Concen: 99.58 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	11.8	12.5	18.7





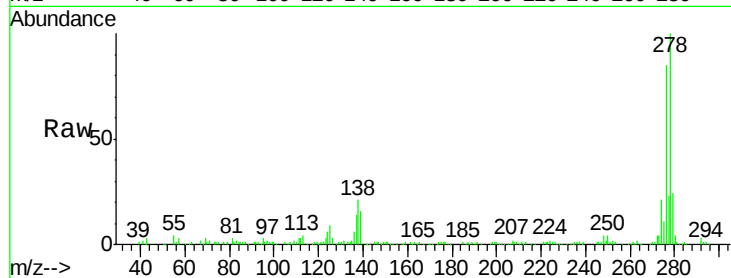
#90
Dibenzo(a,h)anthracene
Concen: 49.61 ng m
RT: 16.49 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)MS

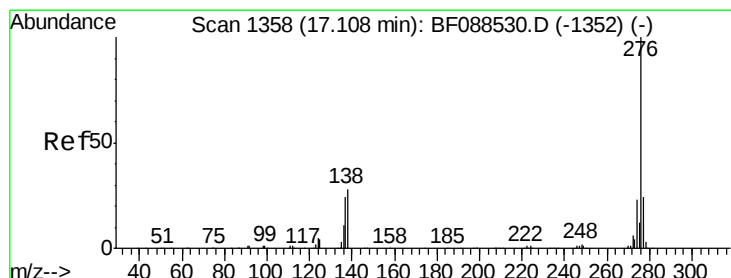
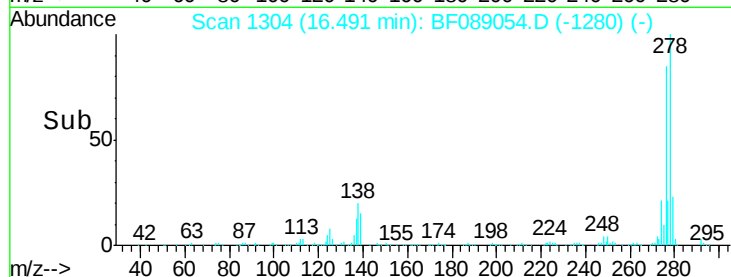
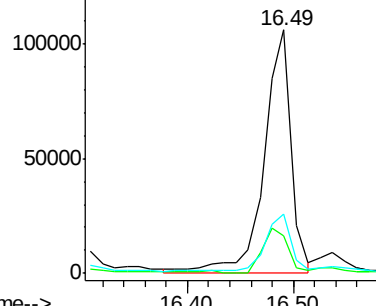
Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	15.6	15.7	23.5	
279	24.2	19.4	29.2	

Manual Integrations

sohil
7/18/2016 7:36:21 PM

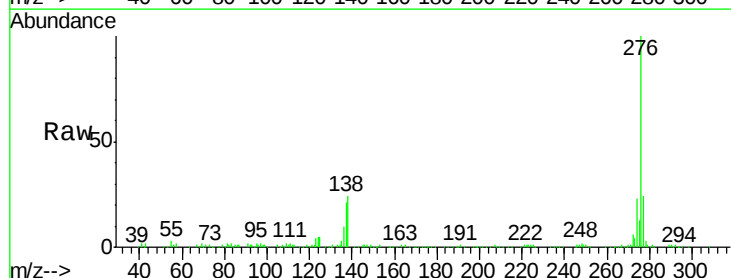


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 65.23 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF089054.D
Acq: 16 Jul 2016 14:38

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.1	18.9	28.3	
138	23.7	21.4	32.2	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

