

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091553.D
 Acq On : 13 Dec 2016 14:55
 Operator : UM/SJ
 Sample : H5940-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMS

Manual Integrations
 APPROVED

sohil
 12/14/2016 6:22:27 PM

Quant Time: Dec 14 00:47:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	306978	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1210328	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	596150	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	933037	20.00	ng	0.00
75) Chrysene-d12	13.96	240	556075	20.00	ng	0.00
86) Perylene-d12	15.38	264	596167	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2468172	135.46	ng	0.02
7) Phenol-d6	6.46	99	2891471	127.29	ng	0.01
23) Nitrobenzene-d5	7.38	82	1947365	89.80	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	663982	134.10	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2756893	79.91	ng	0.00
78) Terphenyl-d14	12.92	244	2064735	84.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	338472	35.20	ng	89
3) Pyridine	3.16	79	873988	34.11	ng	# 80
4) n-Nitrosodimethylamine	3.12	42	445508	40.47	ng	# 61
6) Aniline	6.48	93	395578	13.28	ng	# 1
8) 2-Chlorophenol	6.60	128	830481	40.38	ng	92
9) Benzaldehyde	6.35	77	174478	11.16	ng	98
10) Phenol	6.48	94	1211509	45.62	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	888896	44.55	ng	86
12) 1,3-Dichlorobenzene	6.75	146	881373m	39.52	ng	
13) 1,4-Dichlorobenzene	6.83	146	877975	39.91	ng	96
14) 1,2-Dichlorobenzene	6.99	146	835487	42.15	ng	93
15) Benzyl Alcohol	6.96	79	740962	41.31	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1309126	42.34	ng	82
17) 2-Methylphenol	7.08	107	717899	42.19	ng	# 77
18) Hexachloroethane	7.33	117	348045	40.54	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	633404	44.59	ng	# 72
20) 3+4-Methylphenols	7.23	107	833058	45.35	ng	# 51
22) Acetophenone	7.23	105	1213394	41.84	ng	# 97
24) Nitrobenzene	7.40	77	1001769	43.72	ng	# 84
25) Isophorone	7.64	82	1700053	44.10	ng	100
26) 2-Nitrophenol	7.72	139	478393	47.31	ng	# 66
27) 2,4-Dimethylphenol	7.77	122	801132	45.11	ng	91
28) bis(2-Chloroethoxy)methane	7.86	93	1110844	49.13	ng	99
29) 2,4-Dichlorophenol	7.96	162	674957	43.68	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	723609	41.20	ng	99
31) Naphthalene	8.12	128	2268743	40.29	ng	99
32) Benzoic acid	7.84	122	54652	8.75	ng	93
33) 4-Chloroaniline	8.17	127	150115	6.19	ng	99
34) Hexachlorobutadiene	8.25	225	414378	41.16	ng	99
35) Caprolactam	8.53	113	206170m	45.69	ng	
36) 4-Chloro-3-methylphenol	8.67	107	773843	44.65	ng	89
37) 2-Methylnaphthalene	8.82	142	1566237	42.97	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	602163	36.83	ng	98
40) Hexachlorocyclopentadiene	8.97	237	563330	77.28	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091553.D
 Acq On : 13 Dec 2016 14:55
 Operator : UM/SJ
 Sample : H5940-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMS

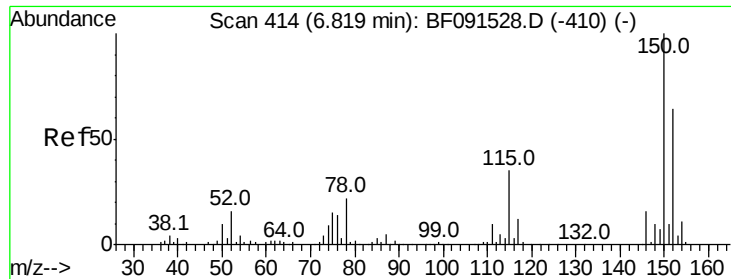
Manual Integrations
 APPROVED

sohil
 12/14/2016 6:22:27 PM

Quant Time: Dec 14 00:47:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	445920	42.44	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	453042	41.96	nq #	88
45) 1,1'-Biphenyl	9.28	154	1731397	40.10	nq	98
46) 2-Chloronaphthalene	9.30	162	1314110	39.30	nq	98
47) 2-Nitroaniline	9.40	65	483035	42.96	nq	82
48) Acenaphthylene	9.71	152	2084354	40.89	nq	98
49) Dimethylphthalate	9.58	163	2432808	64.45	nq	98
50) 2,6-Dinitrotoluene	9.64	165	369832	44.64	nq #	88
51) Acenaphthene	9.88	154	1355177	38.28	nq	97
52) 3-Nitroaniline	9.80	138	174308	17.91	nq	91
53) 2,4-Dinitrophenol	9.92	184	164398	43.00	nq #	67
54) Dibenzofuran	10.05	168	1840993	42.03	nq	98
55) 4-Nitrophenol	9.98	139	648669	89.58	nq #	74
56) 2,4-Dinitrotoluene	10.04	165	485457	46.75	nq #	72
57) Fluorene	10.40	166	1248608	39.26	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	375561	44.43	nq	93
59) Diethylphthalate	10.28	149	1544927	42.50	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	647917	41.14	nq #	89
61) 4-Nitroaniline	10.42	138	333411	34.47	nq	93
62) Azobenzene	10.56	77	1792504	43.52	nq	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	197852	35.72	nq	89
65) n-Nitrosodiphenylamine	10.51	169	1184028	42.57	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	423584	44.28	nq #	77
67) Hexachlorobenzene	10.94	284	401195	40.33	nq #	77
68) Atrazine	11.05	200	399061	44.62	nq	92
69) Pentachlorophenol	11.14	266	418976	74.85	nq	96
70) Phenanthrene	11.36	178	1886623	40.83	nq	99
71) Anthracene	11.41	178	2048701	41.11	nq	99
72) Carbazole	11.56	167	1664969	38.11	nq	99
73) Di-n-butylphthalate	11.90	149	2273659	44.67	nq	99
74) Fluoranthene	12.54	202	2096808	43.34	nq	99
76) Benzidine	12.66	184	248778	14.47	nq	100
77) Pyrene	12.77	202	1959616	44.42	nq	100
79) Butylbenzylphthalate	13.39	149	806610	46.90	nq	90
80) Benzo(a)anthracene	13.95	228	1392056	43.11	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	250305	21.58	nq #	97
82) Chrysene	13.99	228	1315808	38.94	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	1022066	46.32	nq #	93
84) Di-n-octyl phthalate	14.57	149	1797332	47.99	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1614520	53.10	nq	99
87) Benzo(b)fluoranthene	14.98	252	1558123m	43.84	nq	
88) Benzo(k)fluoranthene	15.00	252	1167506m	37.36	nq	
89) Benzo(a)pyrene	15.32	252	1344393	41.99	nq #	96
90) Dibenzo(a,h)anthracene	16.76	278	1295380	45.17	nq	99
91) Benzo(g,h,i)perylene	17.16	276	1405801	48.16	nq #	95

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



#1

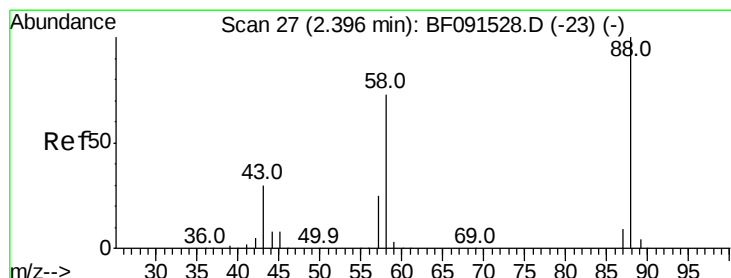
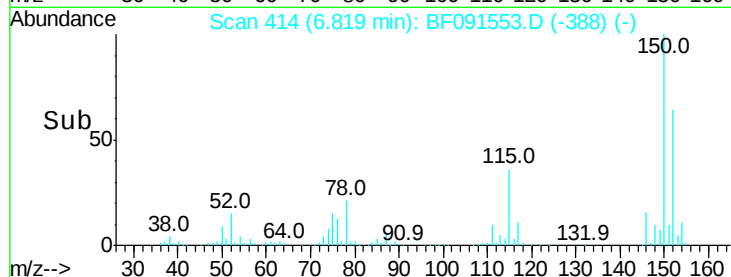
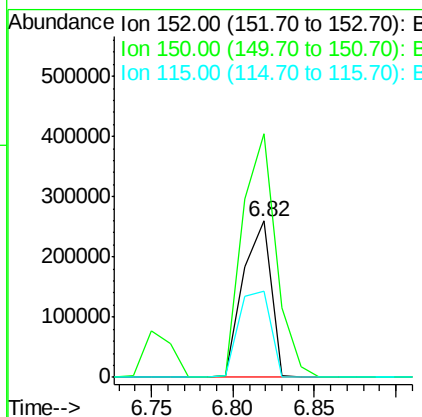
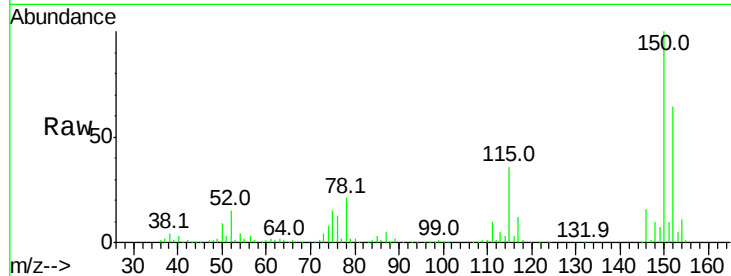
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.5	183.7
115	55.4	51.8	77.8

Manual Integrations
APPROVED

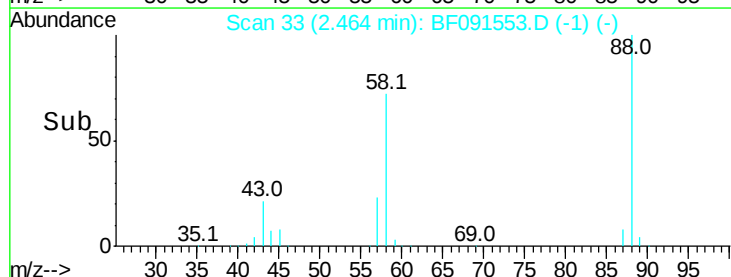
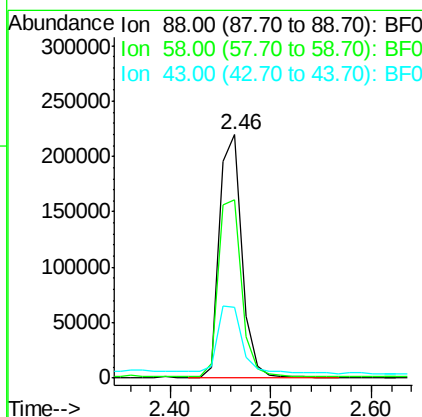
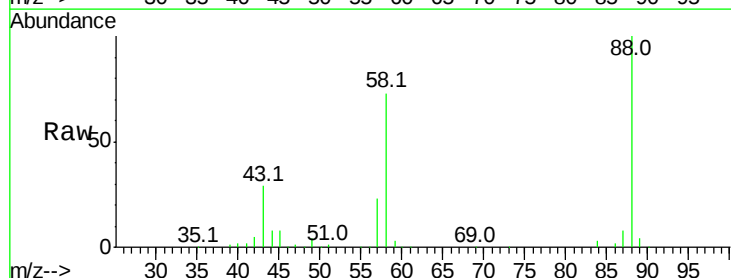
sohil
12/14/2016 6:22:27 PM

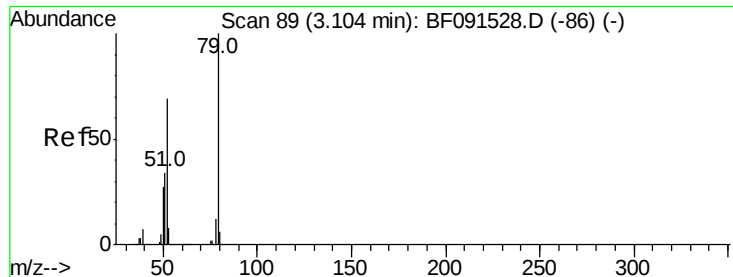


#2

1,4-Dioxane
Concen: 35.20 ng
RT: 2.46 min Scan# 33
Delta R.T. 0.07 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.9	70.3	105.5
43	32.7	31.3	46.9





#3

Pvridine

Concen: 34.11 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.06 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMS

Tot Ion: 79 Resp: 873988

Ion Ratio Lower Upper

79 100

52 69.7 71.0 106.4#

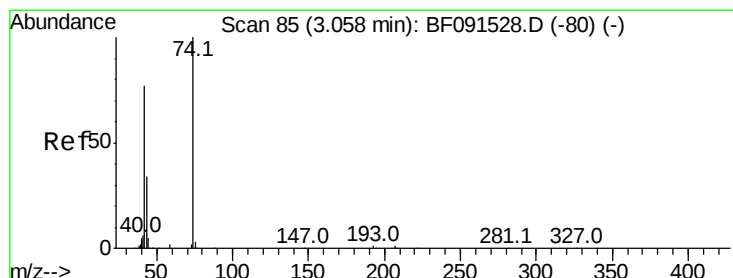
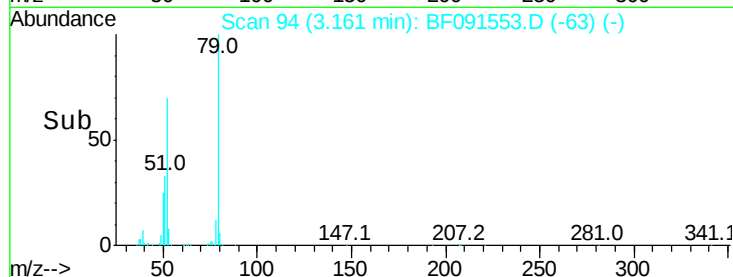
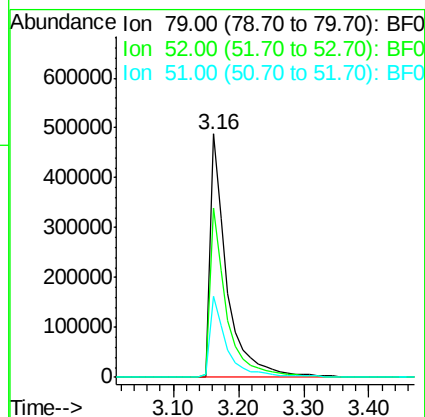
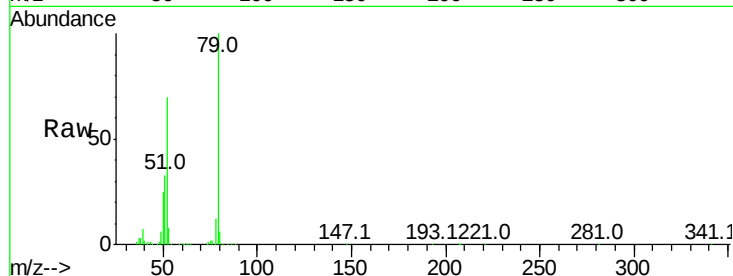
51 33.4 37.0 55.4#

Manual Integrations

APPROVED

sohil

12/14/2016 6:22:27 PM



#4

n-Nitrosodimethylamine

Concen: 40.47 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.06 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

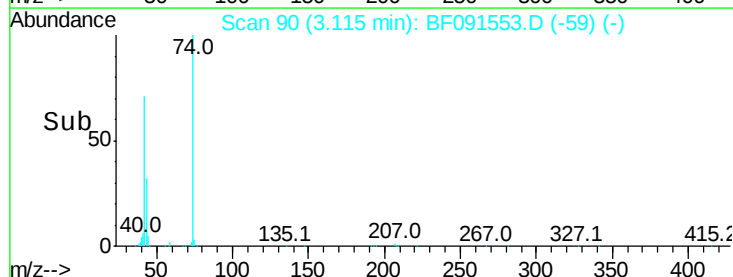
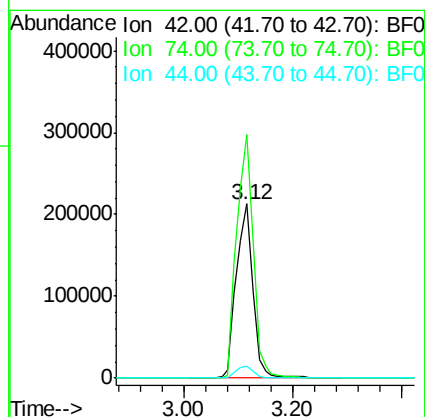
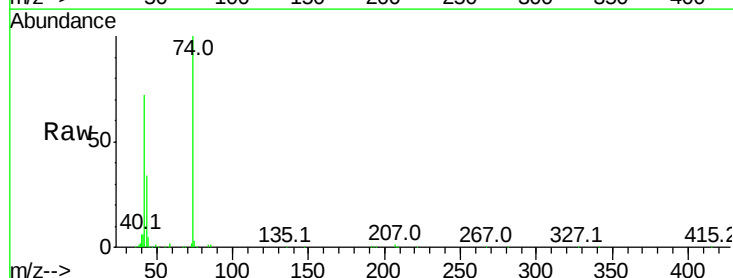
Tgt Ion: 42 Resp: 445508

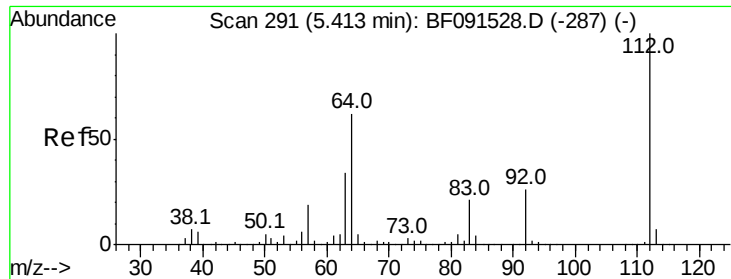
Ion Ratio Lower Upper

42 100

74 139.7 78.9 118.3#

44 6.8 5.8 8.6





#5

2-Fluorophenol

Concen: 135.46 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMS

Tot Ion:112 Resp: 2468172

Ion Ratio Lower Upper

112 100

64 50.0 61.5 92.3#

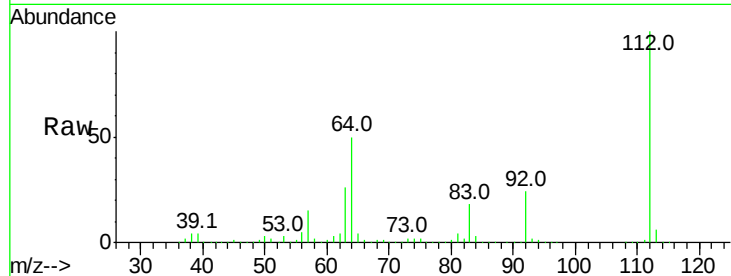
63 25.6 33.3 49.9#

Manual Integrations

APPROVED

sohil

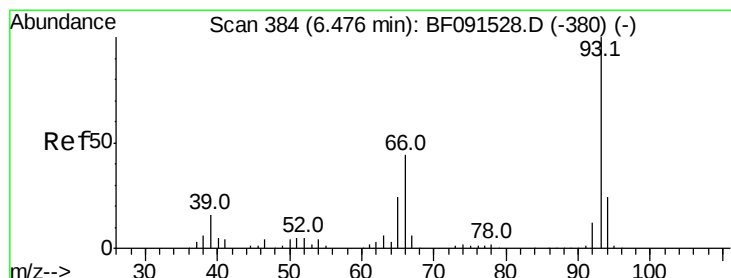
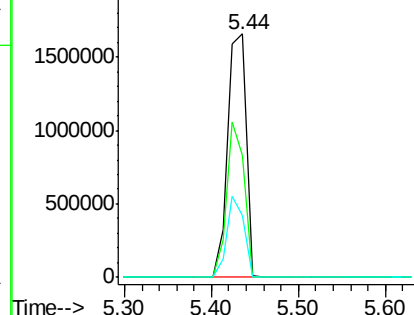
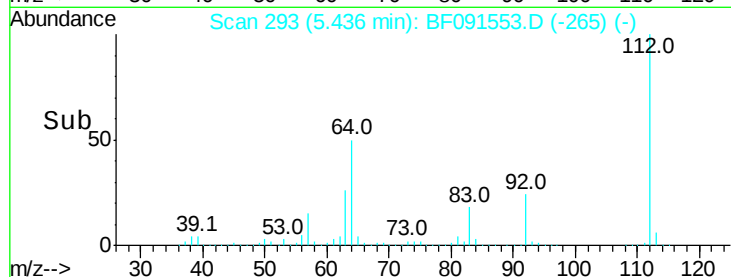
12/14/2016 6:22:27 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.28 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

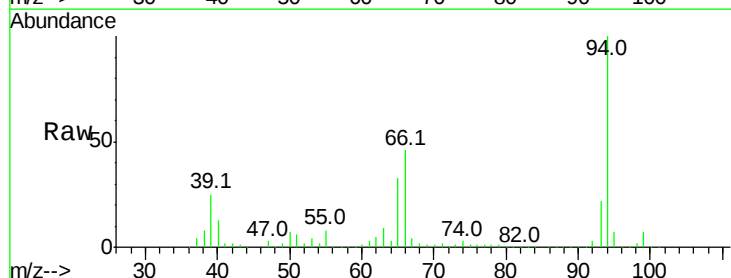
Tgt Ion: 93 Resp: 395578

Ion Ratio Lower Upper

93 100

66 212.1 55.8 83.6#

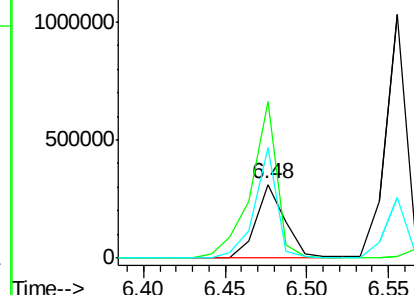
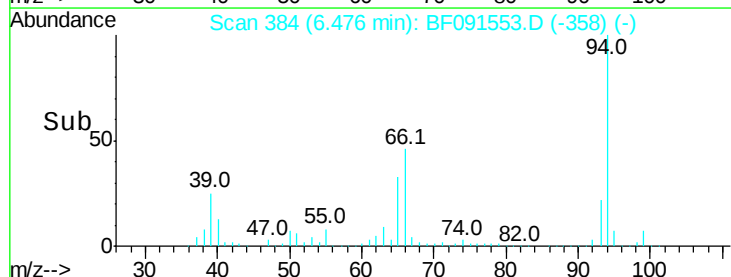
65 150.9 29.9 44.9#

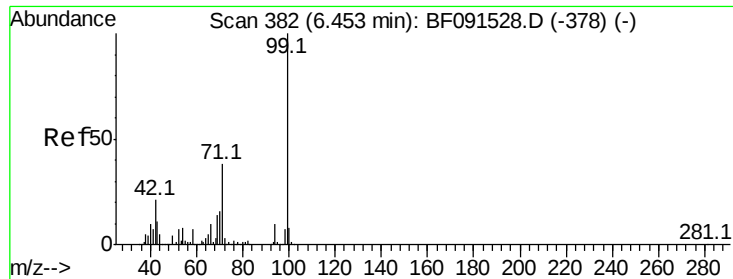


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.29 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMS

Tot Ion: 99 Resp: 2891471

Ion Ratio Lower Upper

99 100

42 19.8 20.6 31.0#

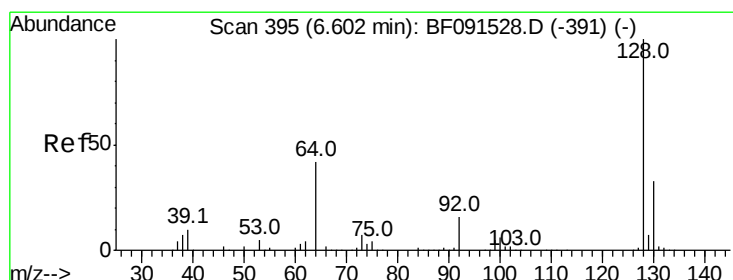
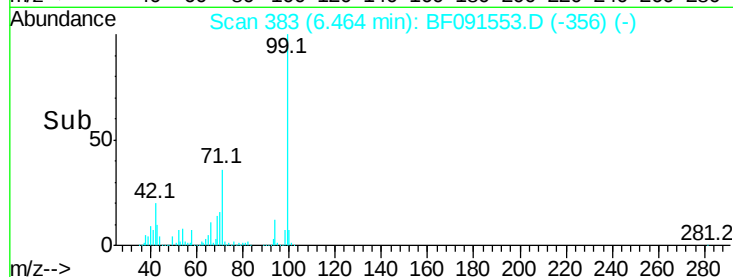
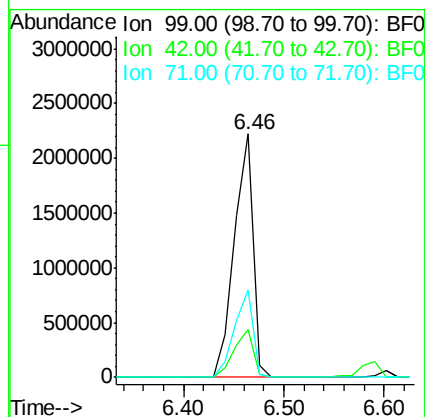
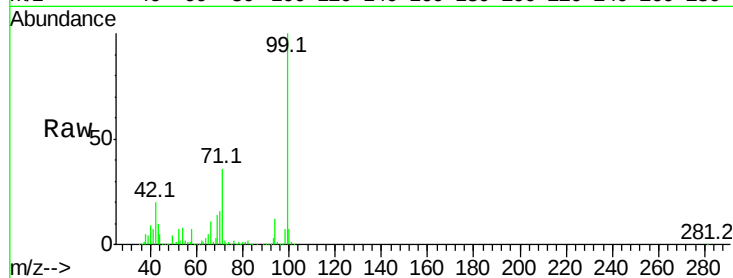
71 35.8 29.9 44.9

Manual Integrations

APPROVED

sohil

12/14/2016 6:22:27 PM



#8

2-Chlorophenol

Concen: 40.38 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

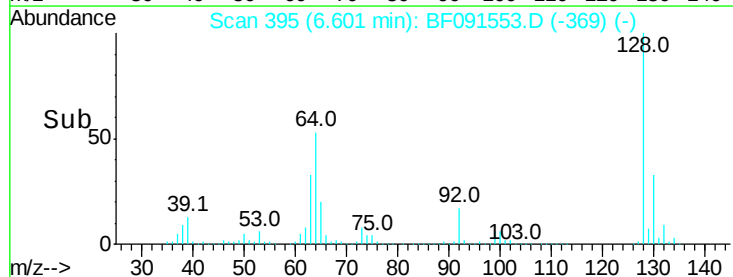
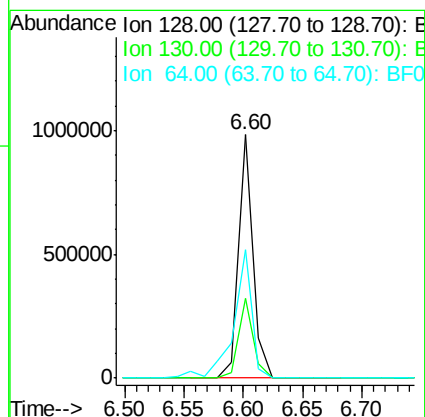
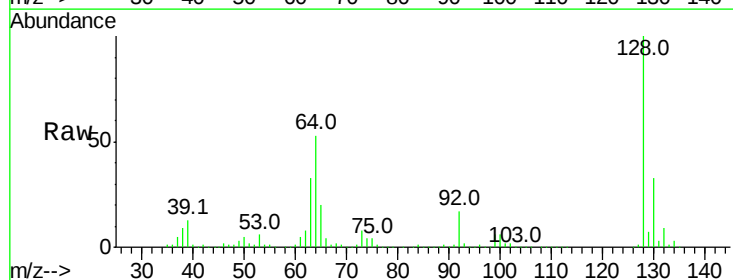
Tgt Ion: 128 Resp: 830481

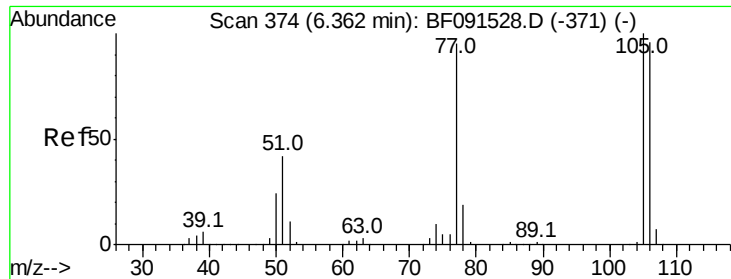
Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

64 52.7 24.1 64.1





#9

Benzaldehyde

Concen: 11.16 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

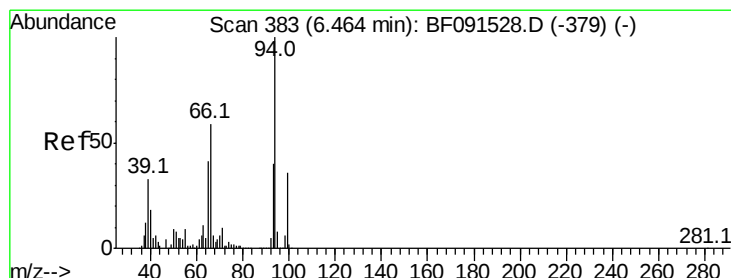
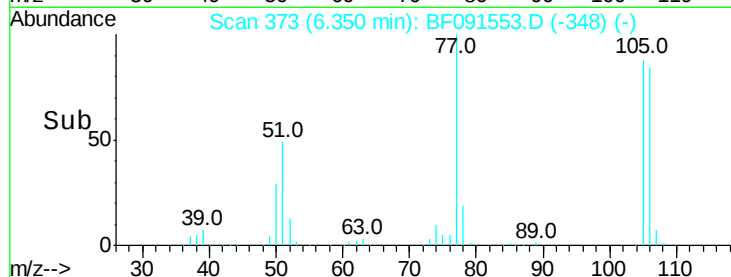
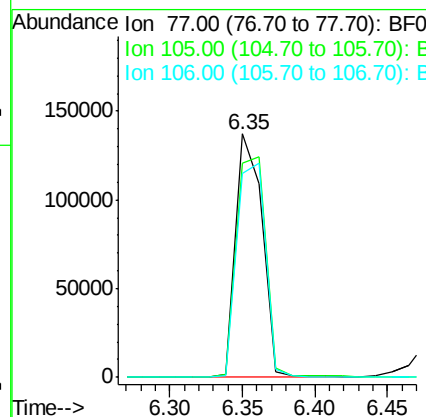
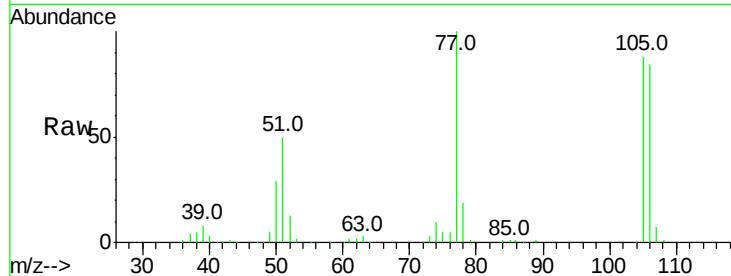
ClientSampleId :

SS08-0-2INMS

Tot Ion:	77	Resp:	174478
Ion Ratio	Lower	Upper	
77	100		
105	88.0	66.4	106.4
106	83.6	60.9	100.9

Manual Integrations
APPROVED

sohil
12/14/2016 6:22:27 PM



#10

Phenol

Concen: 45.62 ng

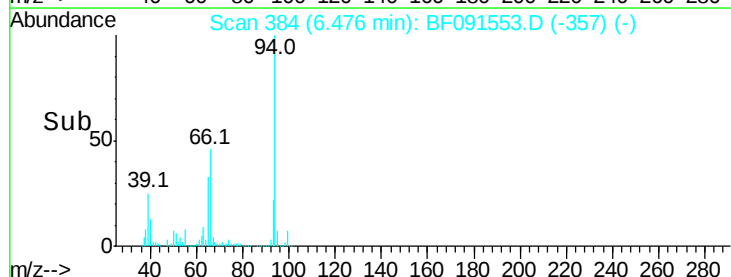
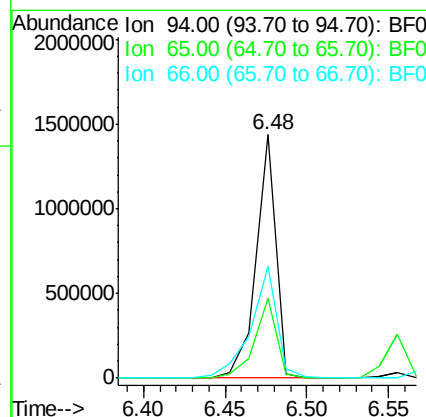
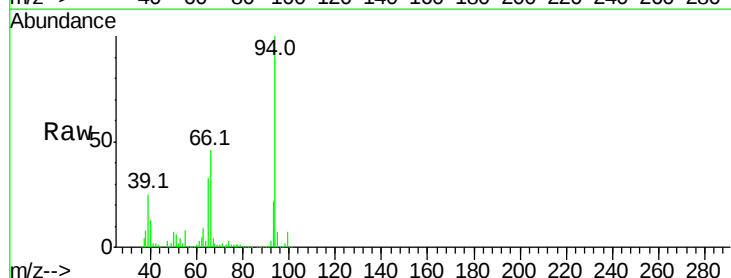
RT: 6.48 min Scan# 384

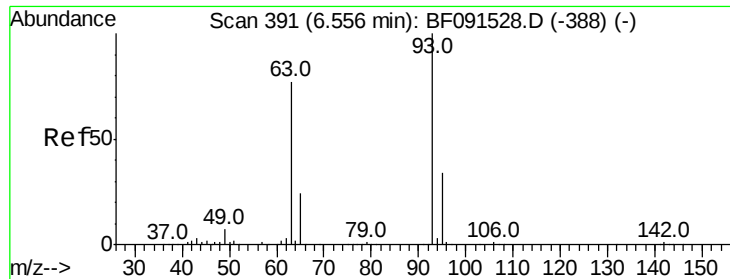
Delta R.T. 0.01 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Tgt Ion:	94	Resp:	1211509
Ion Ratio	Lower	Upper	
94	100		
65	32.7	16.9	56.9
66	45.9	30.6	70.6





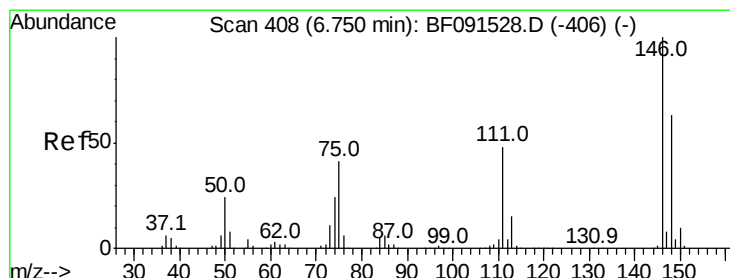
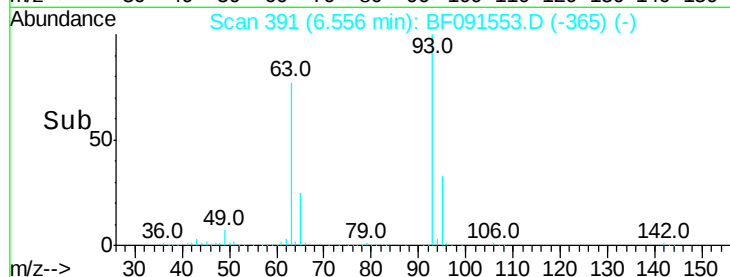
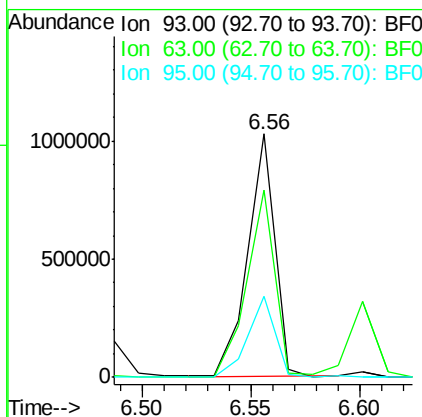
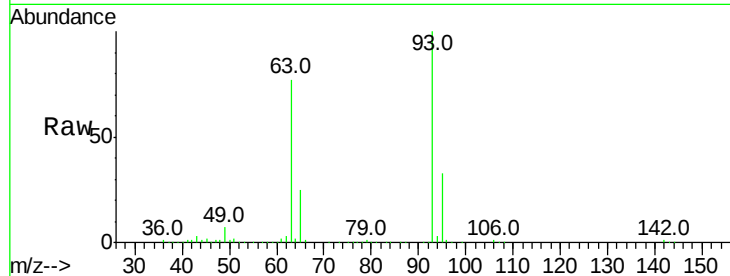
#11
bis(2-Chloroethyl)ether
Concen: 44.55 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	888896		
63	76.8		74.8	114.8
95	33.5		12.4	52.4

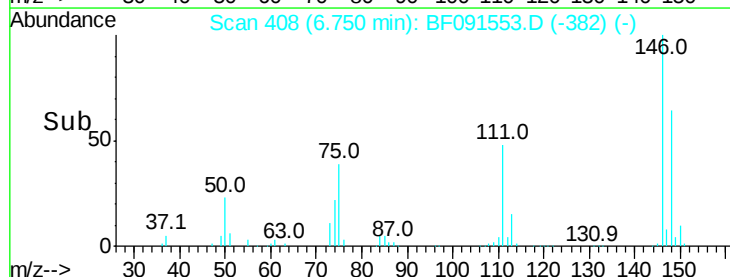
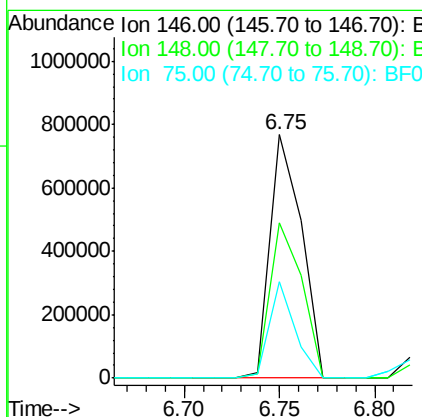
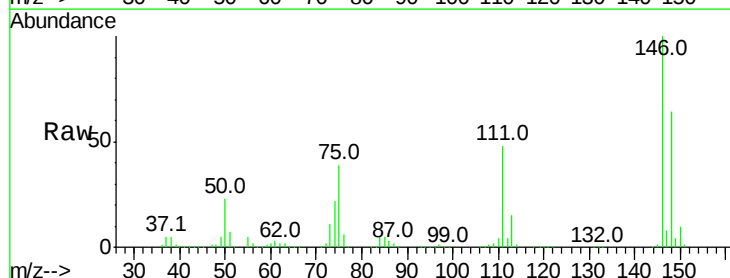
Manual Integrations
APPROVED

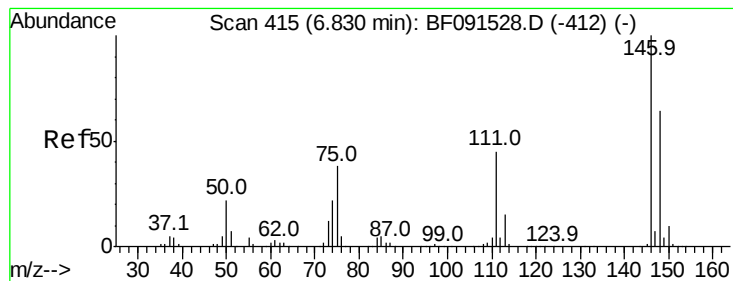
sohil
12/14/2016 6:22:27 PM



#12
1,3-Dichlorobenzene
Concen: 39.52 ng m
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	881373		
148	63.5		51.4	77.0
75	39.3		23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 39.91 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampled :

SS08-0-2INMS

Tot Ion:146 Resp: 877975

Ion Ratio Lower Upper

146 100

148 65.5 51.4 77.0

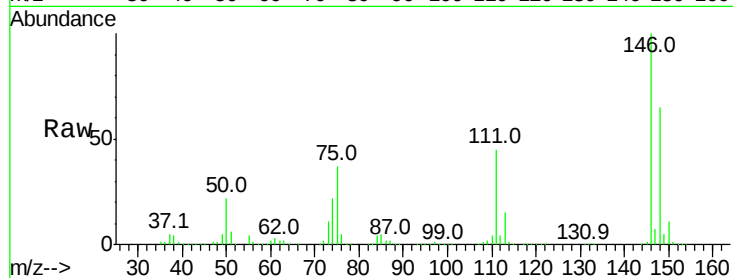
111 45.3 32.2 48.2

Manual Integrations

APPROVED

sohil

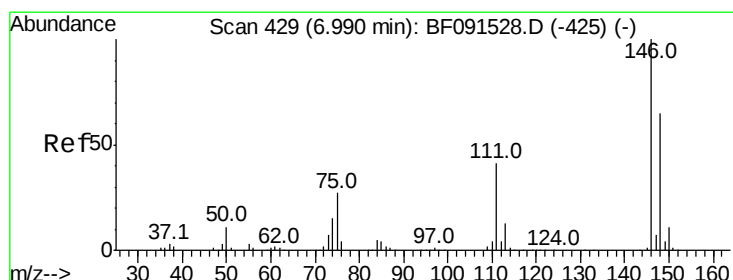
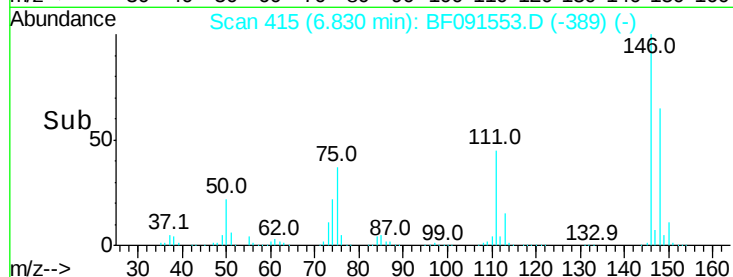
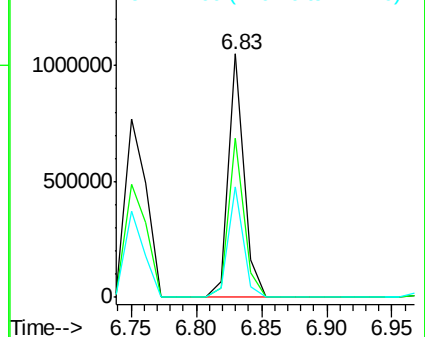
12/14/2016 6:22:27 PM



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



#14

1,2-Dichlorobenzene

Concen: 42.15 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

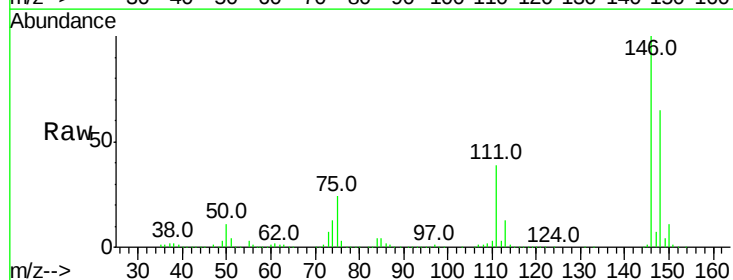
Tgt Ion:146 Resp: 835487

Ion Ratio Lower Upper

146 100

148 65.5 51.0 76.6

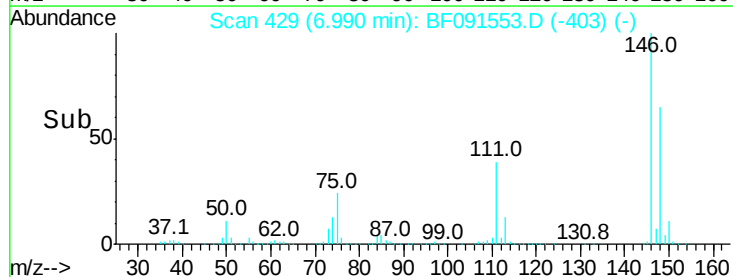
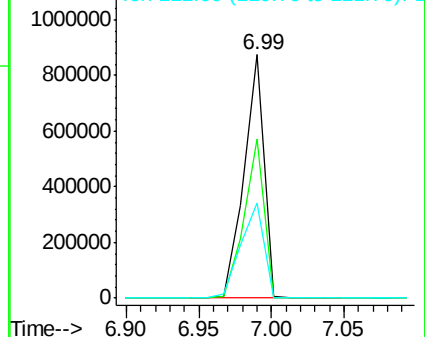
111 38.9 38.9 58.3

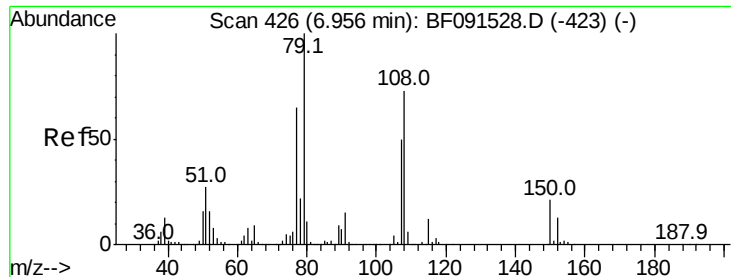


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.31 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

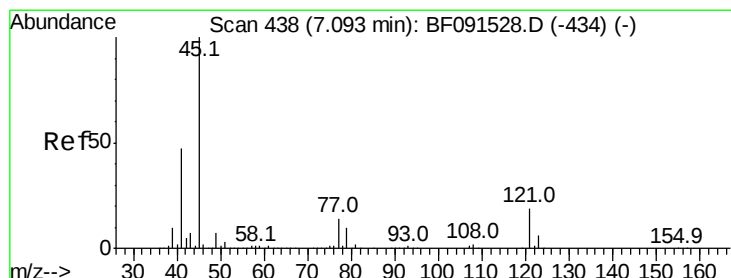
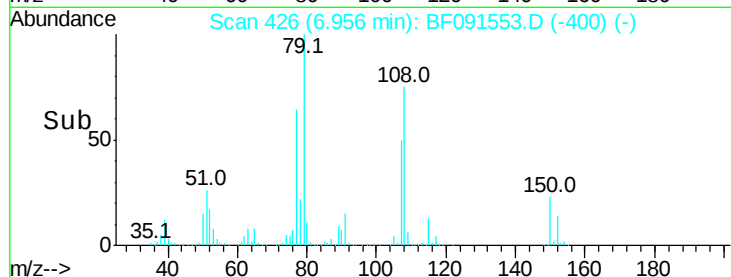
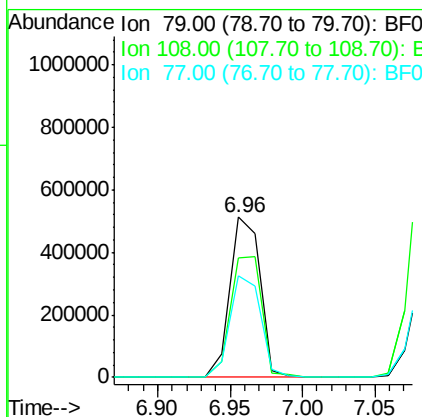
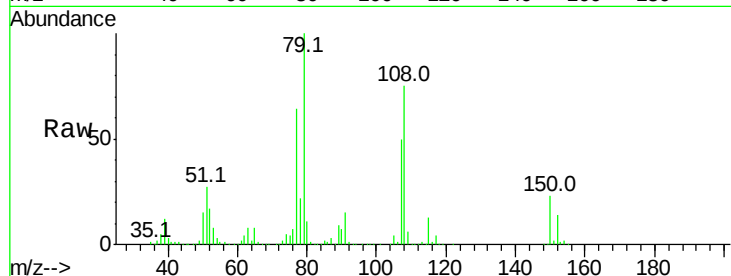
ClientSampleId :

SS08-0-2INMS

Tot Ion:	79	Resp:	740962
Ion Ratio	Lower	Upper	
79	100		
108	74.8	62.7	94.1
77	63.7	51.7	77.5

Manual Integrations
APPROVED

sohil
12/14/2016 6:22:27 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.34 ng

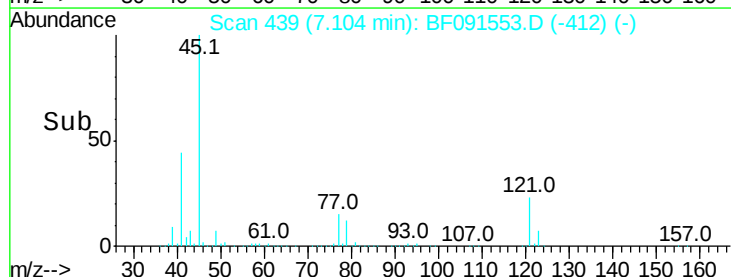
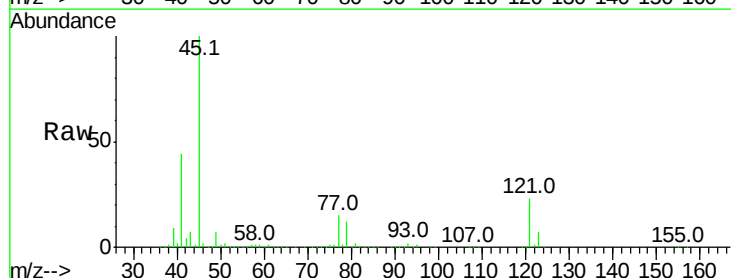
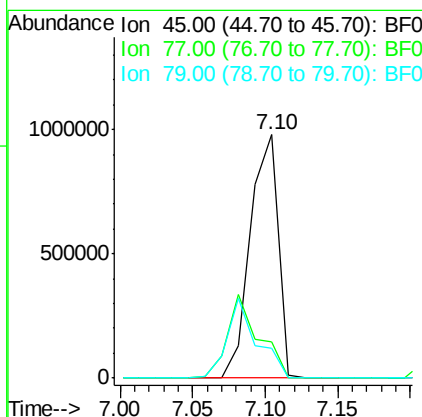
RT: 7.10 min Scan# 439

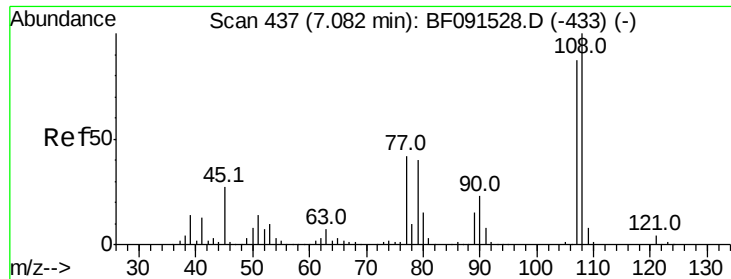
Delta R.T. 0.01 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Tgt Ion:	45	Resp:	1309126
Ion Ratio	Lower	Upper	
45	100		
77	14.8	3.8	43.8
79	12.1	0.2	40.2





#17

2-Methylphenol

Concen: 42.19 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMS

Tot Ion:107 Resp: 717899

Ion Ratio Lower Upper

107 100

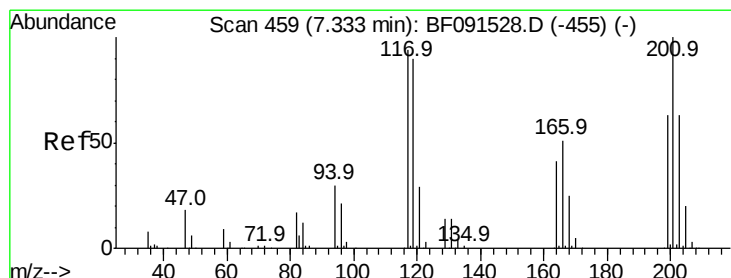
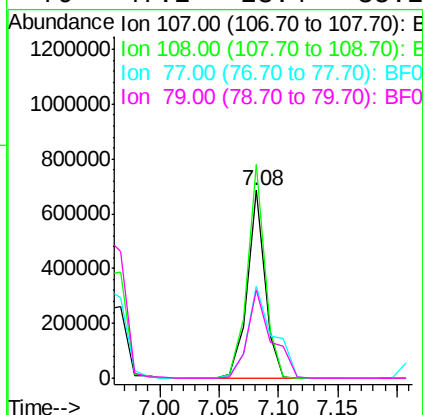
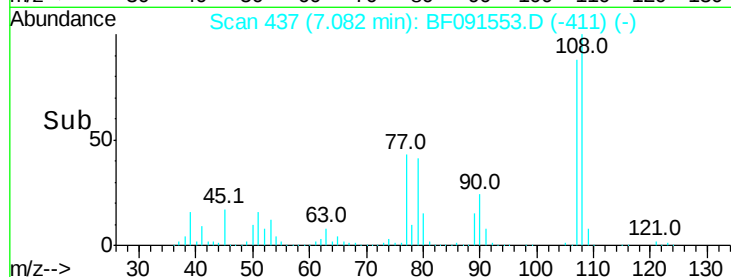
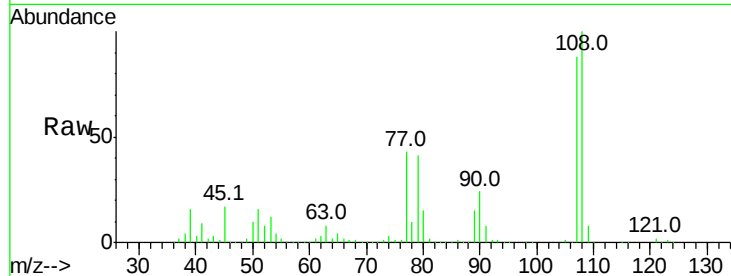
108 113.7 67.7 101.5#

77 49.0 40.7 61.1

79 47.2 23.4 35.2#

Manual Integrations
APPROVED

sohil
12/14/2016 6:22:27 PM



#18

Hexachloroethane

Concen: 40.54 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

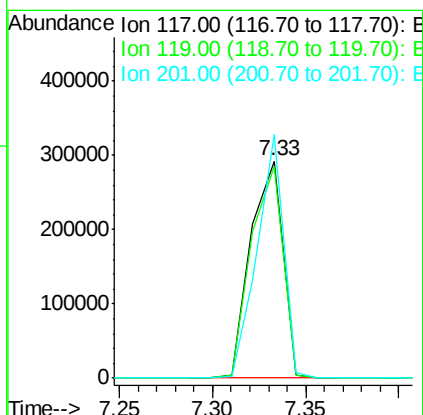
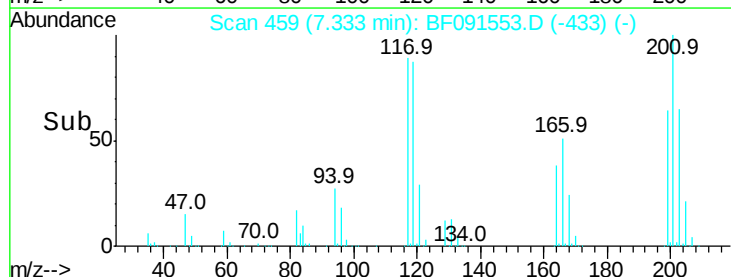
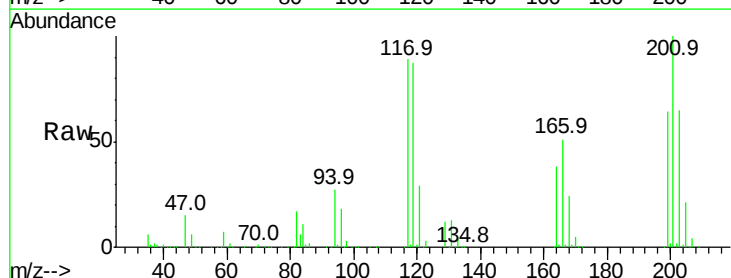
Tgt Ion:117 Resp: 348045

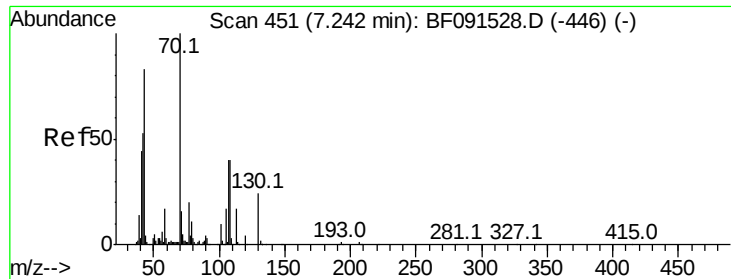
Ion Ratio Lower Upper

117 100

119 97.7 78.6 118.0

201 112.2 86.7 130.1





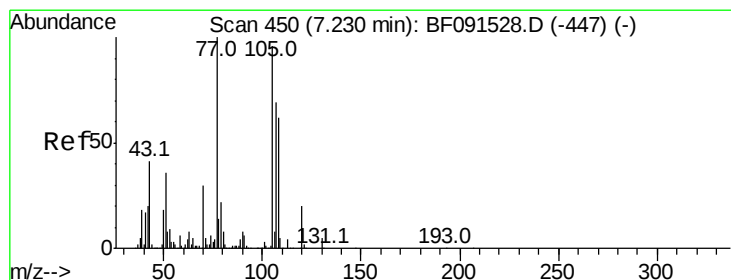
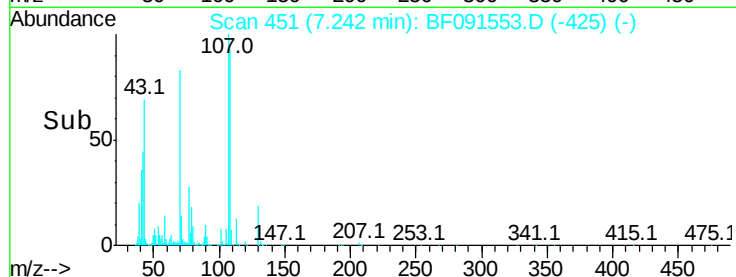
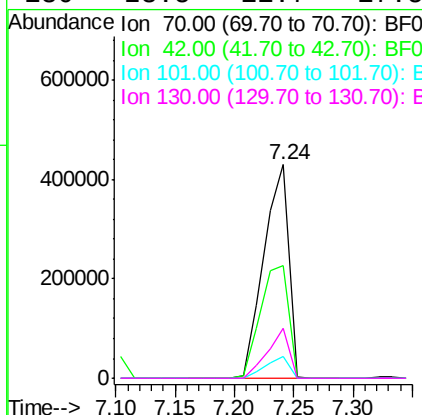
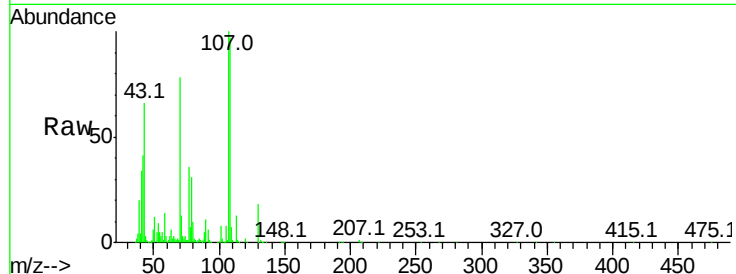
#19
n-Nitroso-di-n-propylamine
Concen: 44.59 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.0	64.8	97.2#
101	10.2	6.2	9.4#
130	23.5	11.7	17.5#

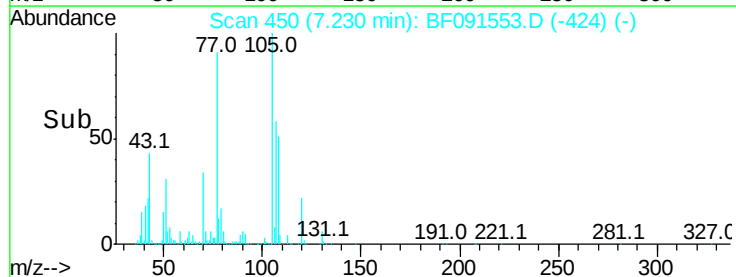
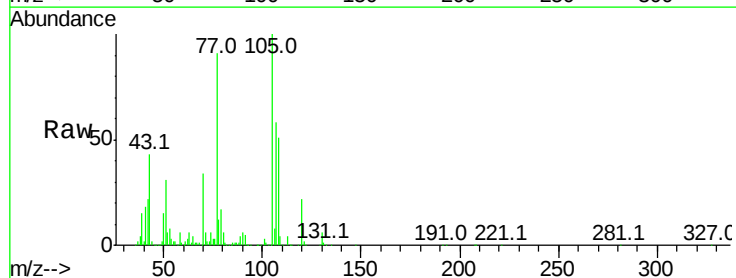
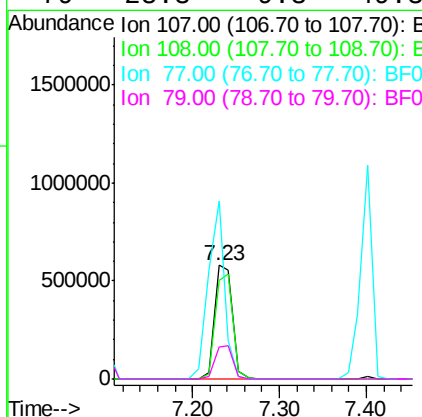
Manual Integrations
APPROVED

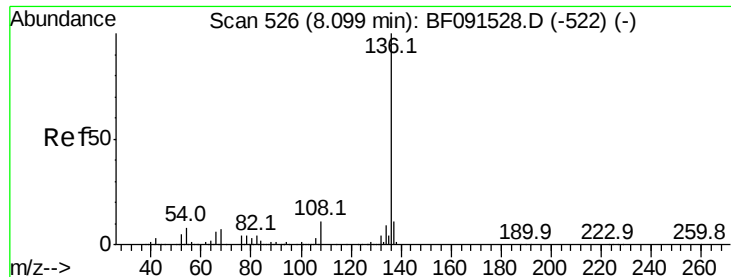
sohil
12/14/2016 6:22:27 PM



#20
3+4-Methylphenols
Concen: 45.35 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	64.6	104.6
77	156.7	30.9	70.9#
79	28.3	9.3	49.3





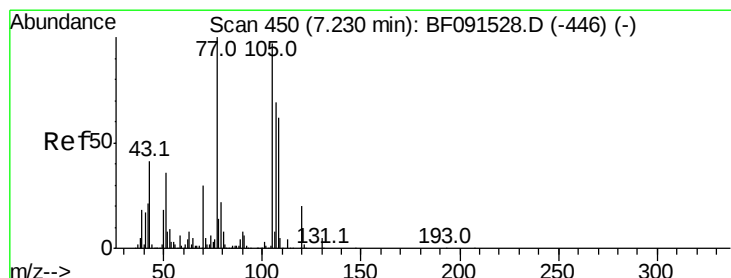
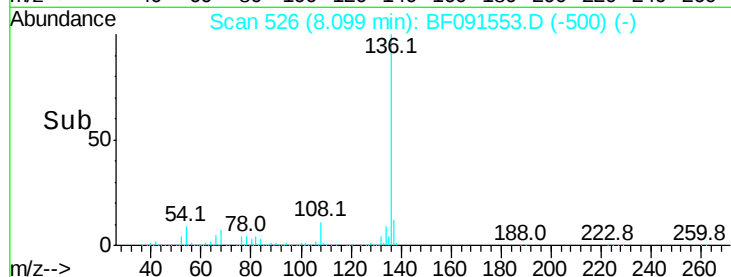
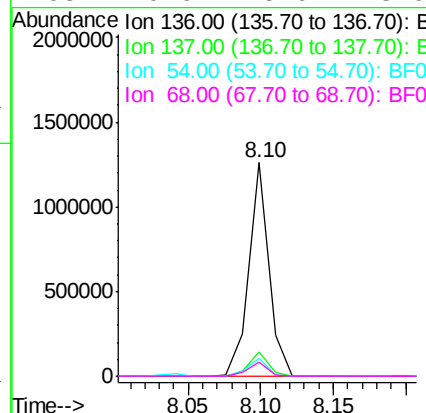
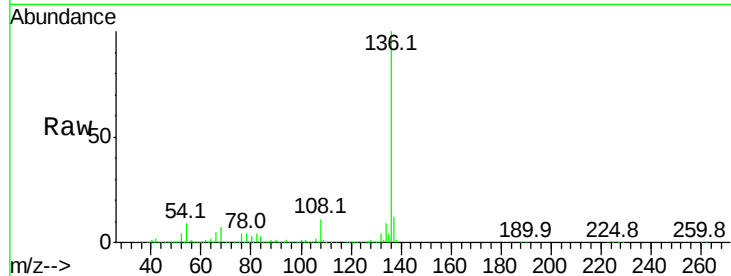
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.5	9.1	13.7#
68	6.6	5.9	8.9

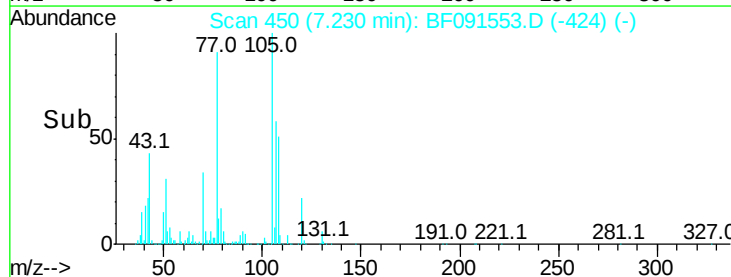
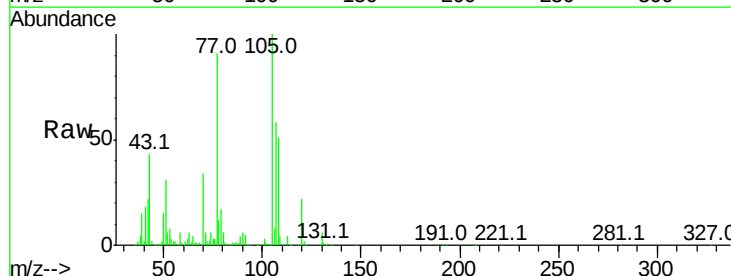
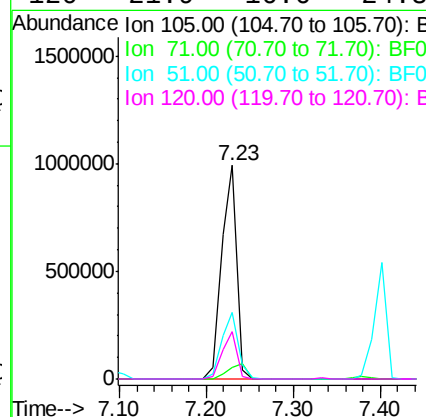
Manual Integrations
APPROVED

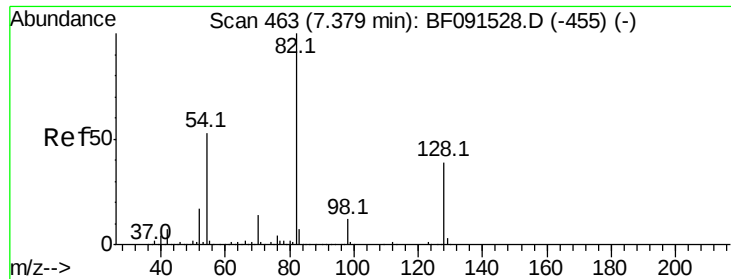
sohil
12/14/2016 6:22:27 PM



#22
Acetophenone
Concen: 41.84 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.7	7.9	11.9#
51	31.3	24.5	36.7
120	21.9	16.6	24.8





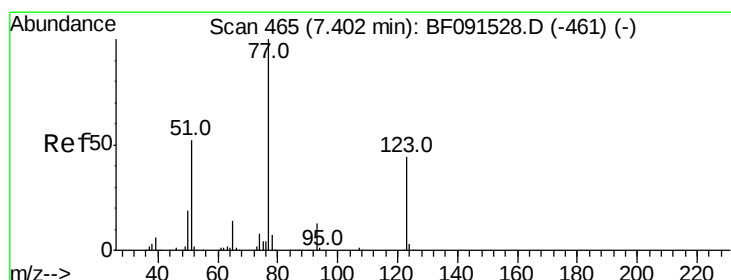
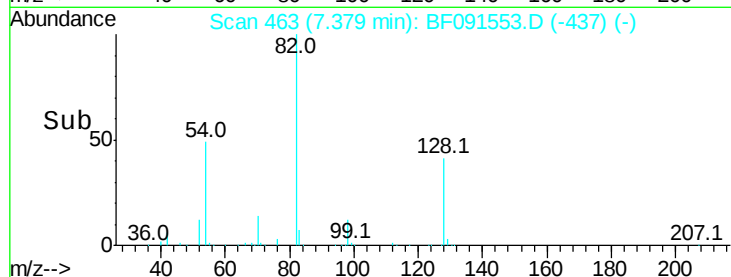
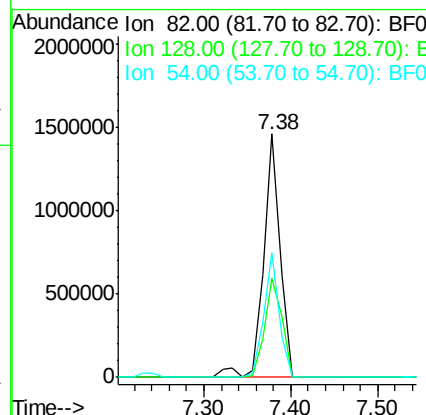
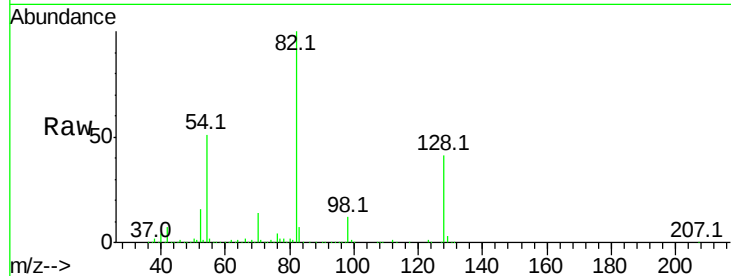
#23
 Nitrobenzene-d5
 Concen: 89.80 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091553.D
 Acq: 13 Dec 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.8	47.6
54	50.9	49.1	73.7

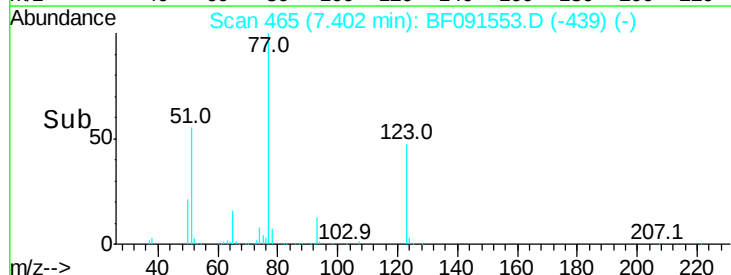
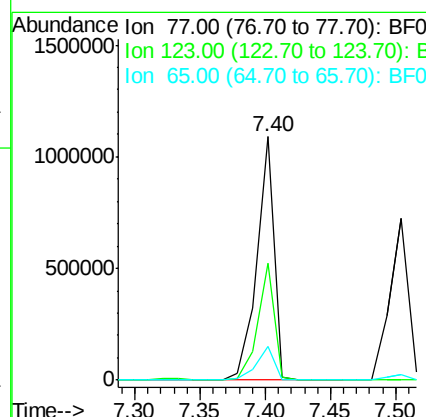
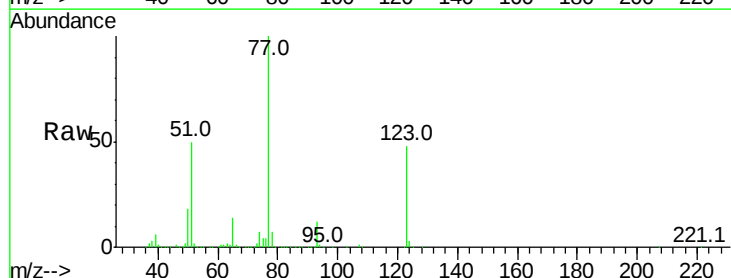
Manual Integrations
 APPROVED

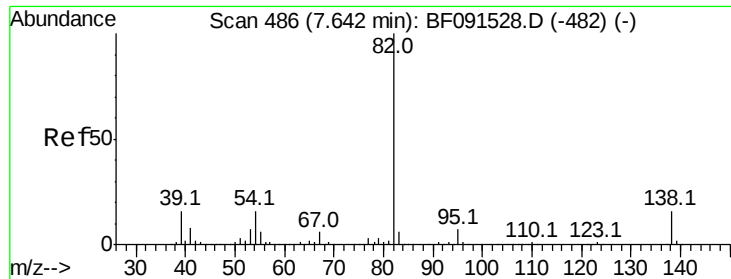
sohil
 12/14/2016 6:22:27 PM



#24
 Nitrobenzene
 Concen: 43.72 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF091553.D
 Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	28.5	42.7#
65	13.7	12.5	18.7





#25

Isophorone

Concen: 44.10 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMS

Tot Ion: 82 Resp: 1700053

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

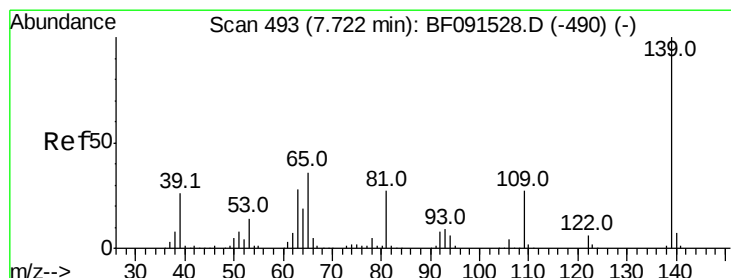
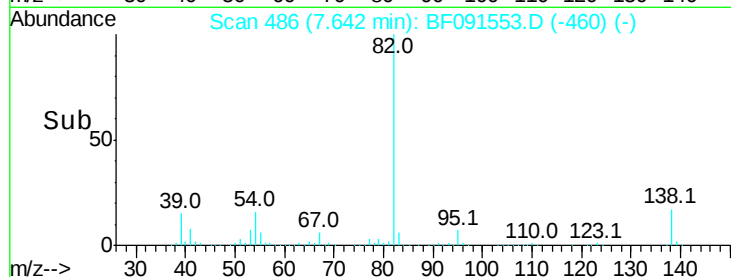
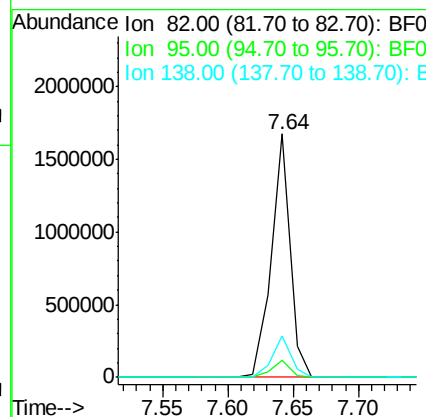
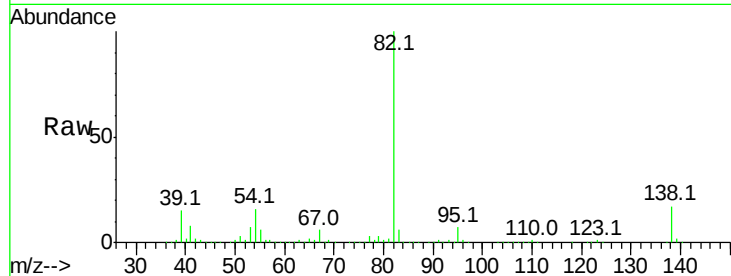
138 17.0 13.4 20.0

Manual Integrations

APPROVED

sohil

12/14/2016 6:22:27 PM



#26

2-Nitrophenol

Concen: 47.31 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

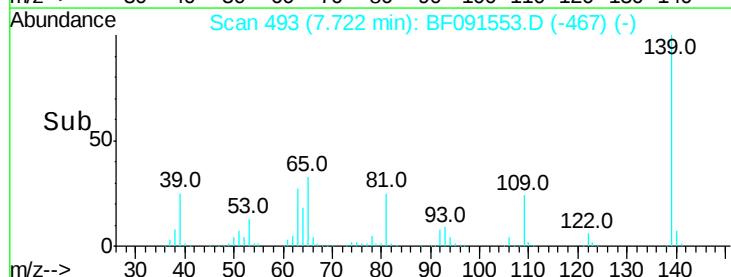
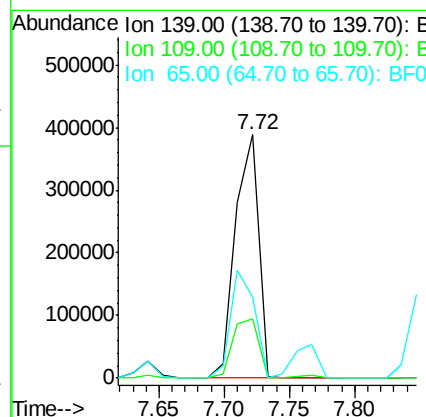
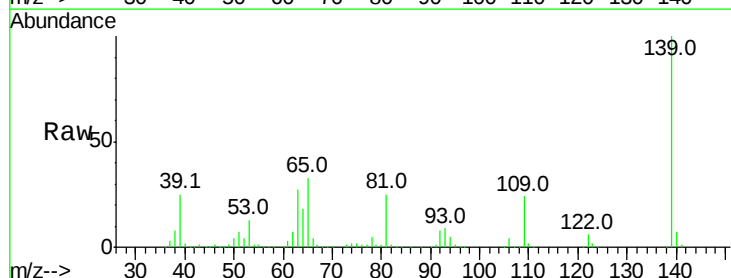
Tgt Ion: 139 Resp: 478393

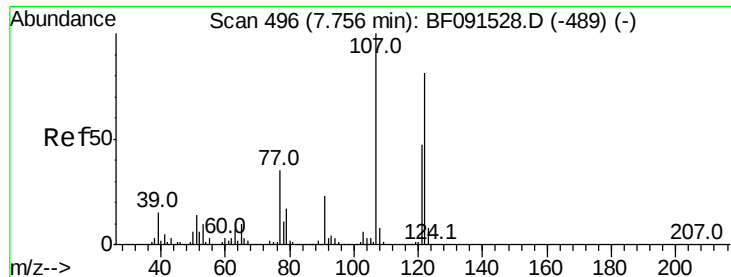
Ion Ratio Lower Upper

139 100

109 24.4 25.3 37.9#

65 33.2 55.4 83.2#





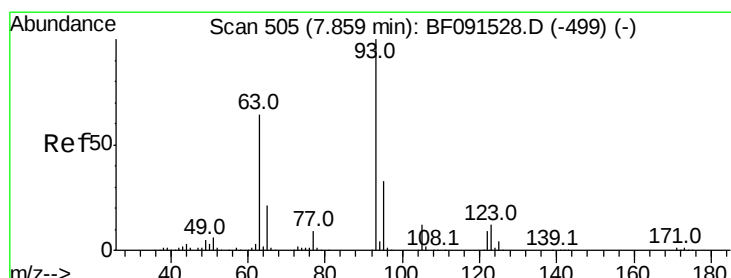
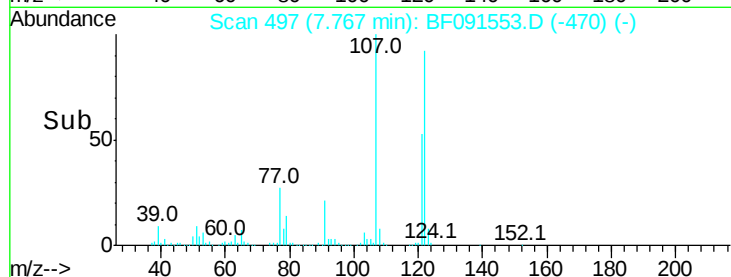
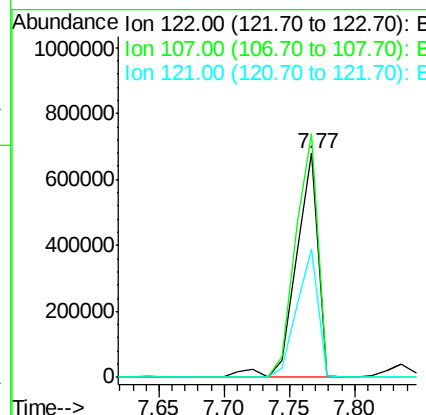
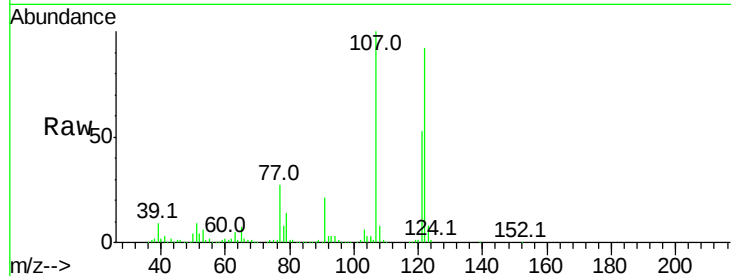
#27
2,4-Dimethylphenol
Concen: 45.11 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.01 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.5	96.8	145.2
121	57.2	47.7	71.5

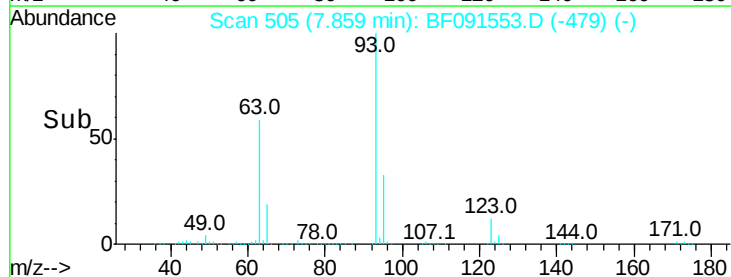
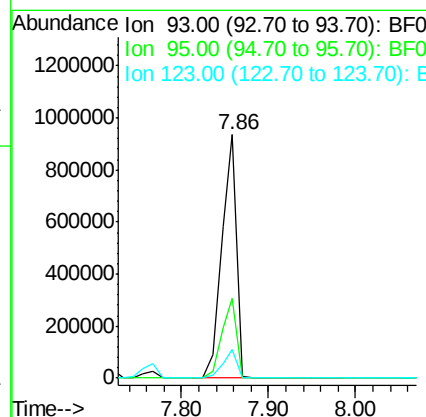
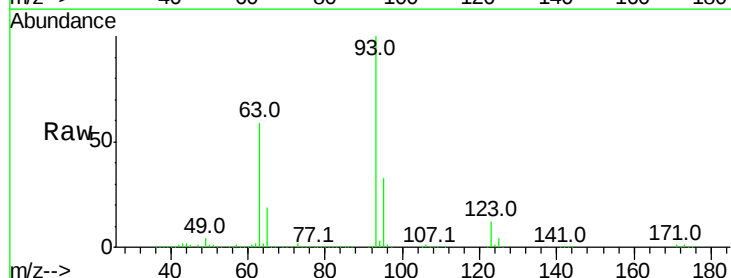
Manual Integrations
APPROVED

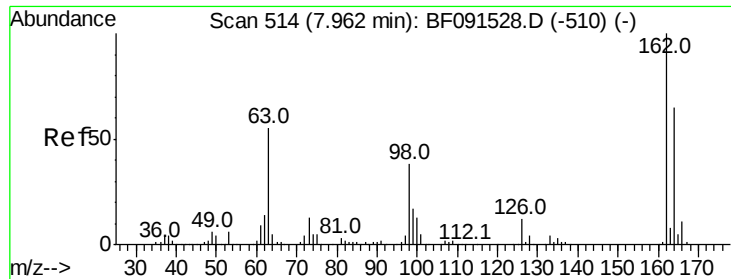
sohil
12/14/2016 6:22:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.13 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	11.8	8.6	12.8





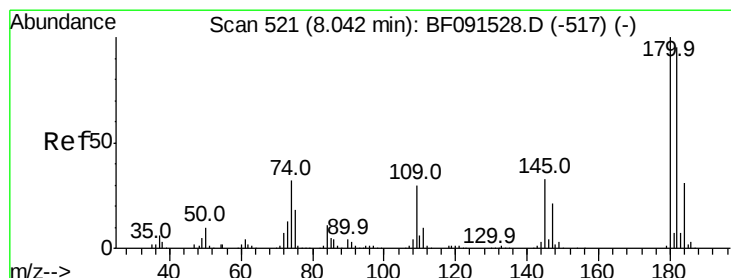
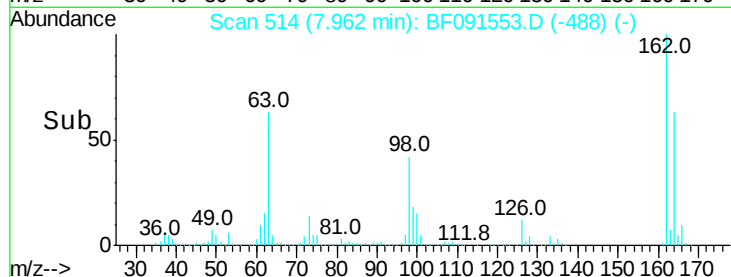
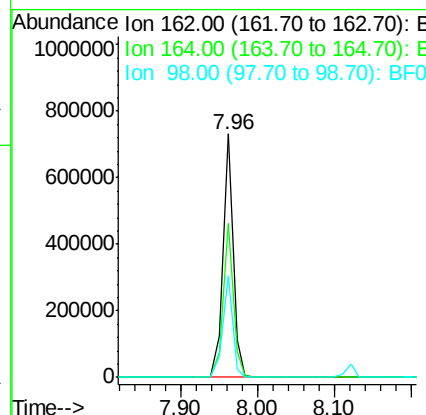
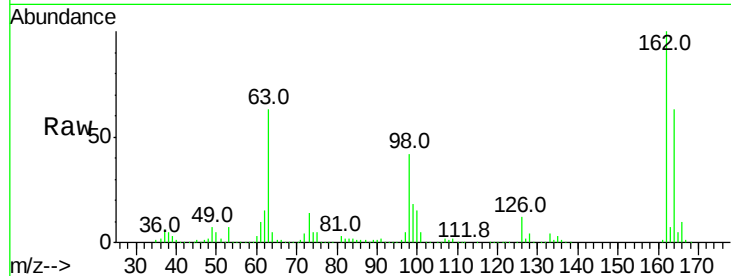
#29
2,4-Dichlorophenol
Concen: 43.68 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	45.0	85.0
98	41.7	21.3	61.3

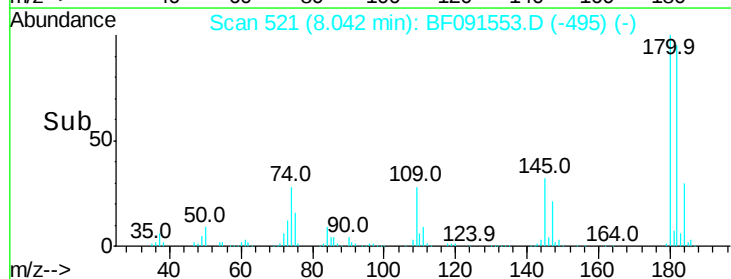
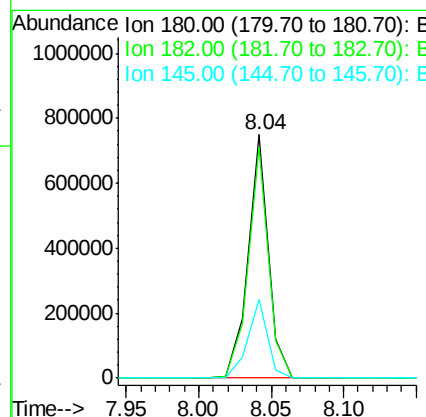
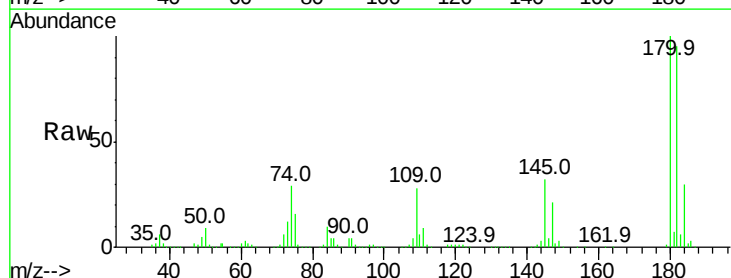
Manual Integrations
APPROVED

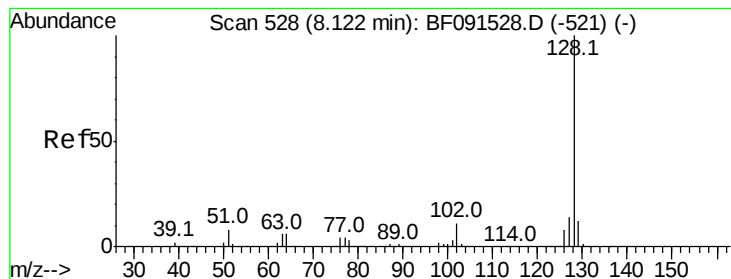
sohil
12/14/2016 6:22:27 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.20 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.8	75.8	113.8
145	32.1	27.0	40.4





#31

Naphthalene

Concen: 40.29 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMS

Tot Ion:128 Resp: 2268743

Ion Ratio Lower Upper

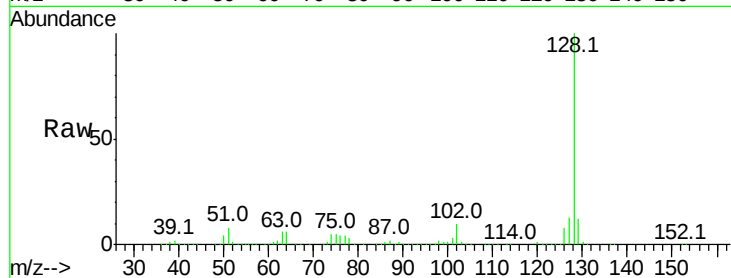
128 100

129 11.9 9.1 13.7

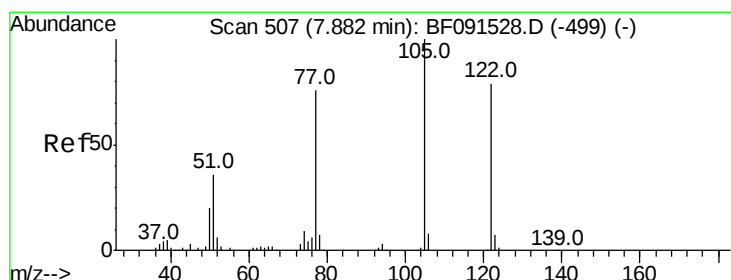
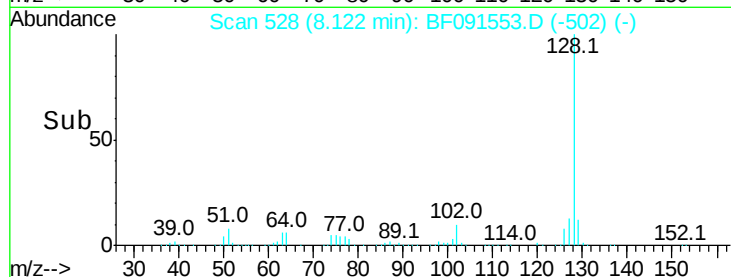
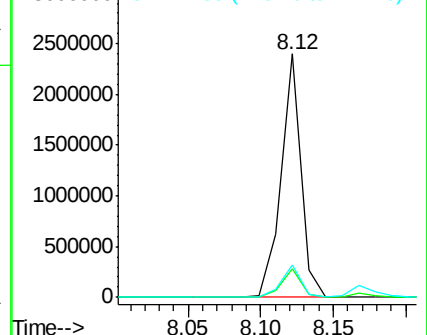
127 13.4 11.0 16.4

Manual Integrations
APPROVED

sohil
12/14/2016 6:22:27 PM



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



#32

Benzoic acid

Concen: 8.75 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.05 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

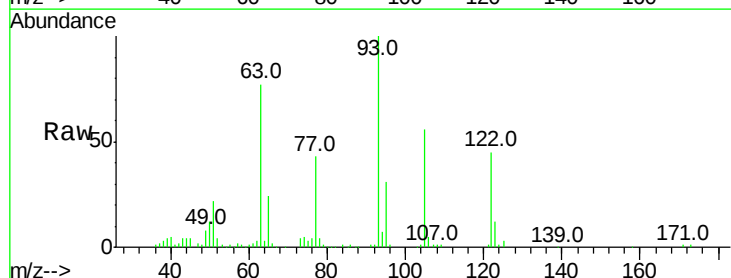
Tgt Ion:122 Resp: 54652

Ion Ratio Lower Upper

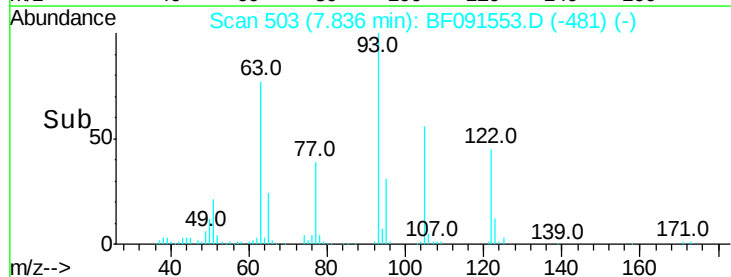
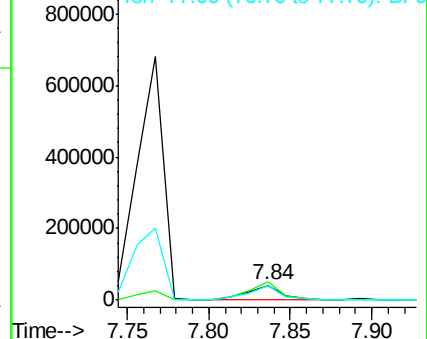
122 100

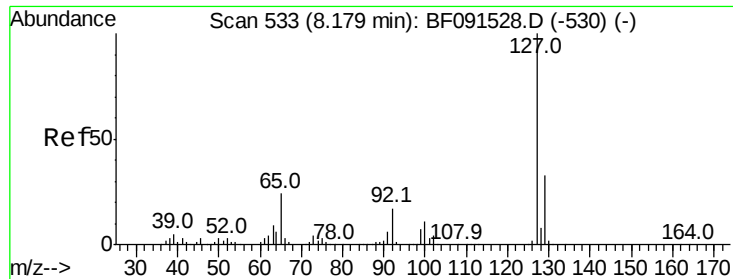
105 123.7 113.0 153.0

77 95.6 82.0 122.0



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





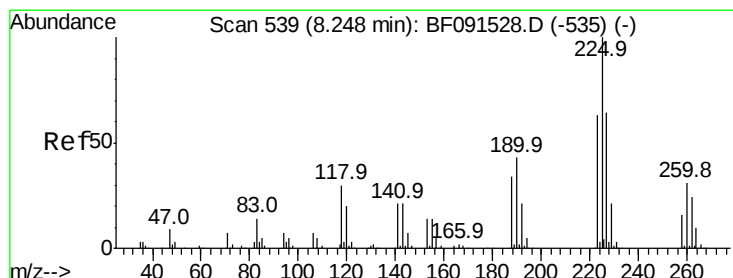
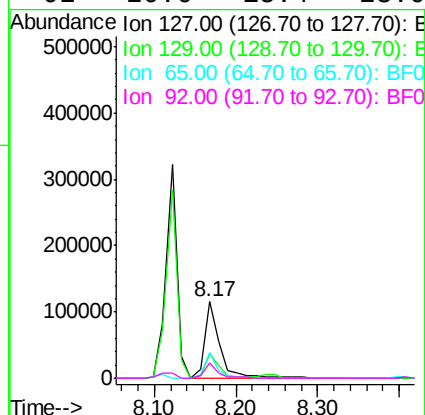
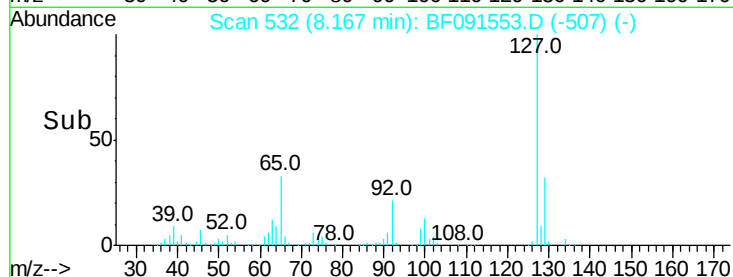
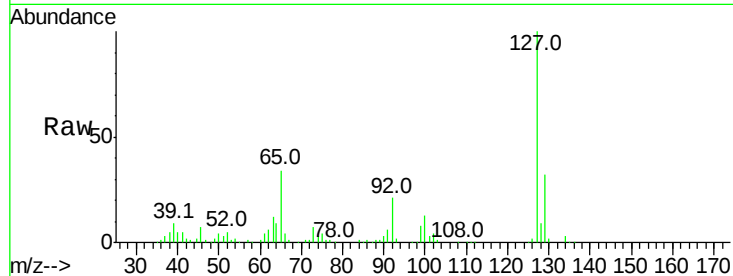
#33
4-Chloroaniline
Concen: 6.19 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.2	39.4		
65	33.7	26.6	39.8		
92	20.6	15.4	23.0		

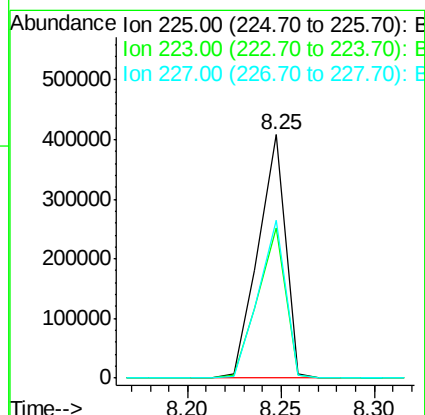
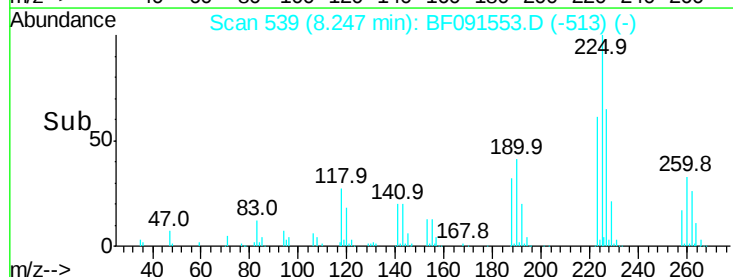
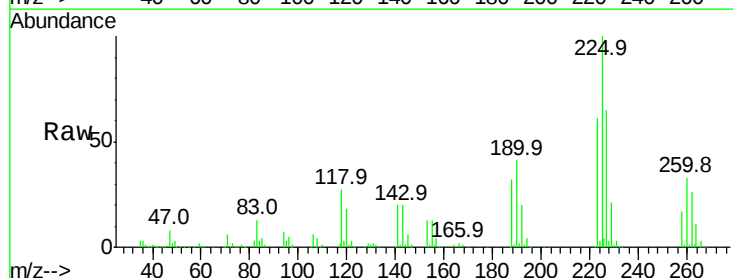
Manual Integrations
APPROVED

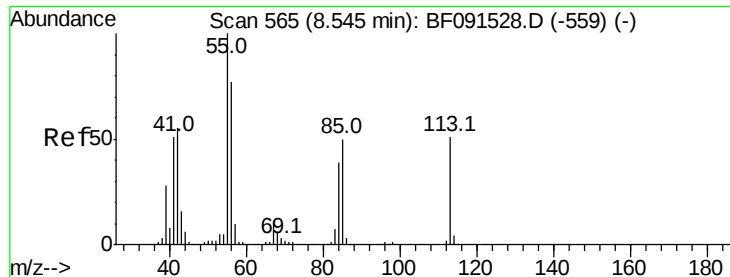
sohil
12/14/2016 6:22:27 PM



#34
Hexachlorobutadiene
Concen: 41.16 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	49.8	74.6		
227	64.6	52.6	79.0		





#35

Caprolactam

Concen: 45.69 ng/ml

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMS

Tot Ion:113 Resp: 206170

Ion Ratio Lower Upper

113 100

55 184.7 239.8 279.8#

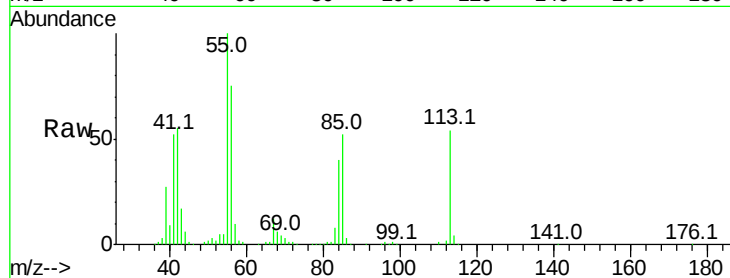
56 139.0 165.6 205.6#

Manual Integrations

APPROVED

sohil

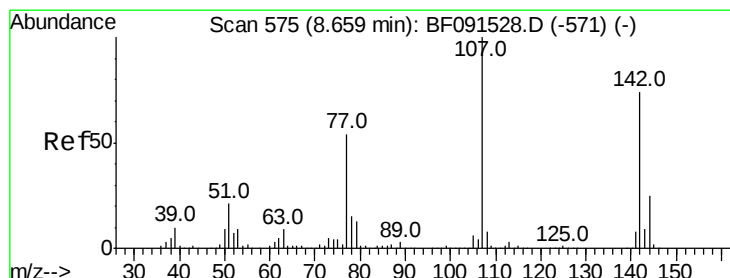
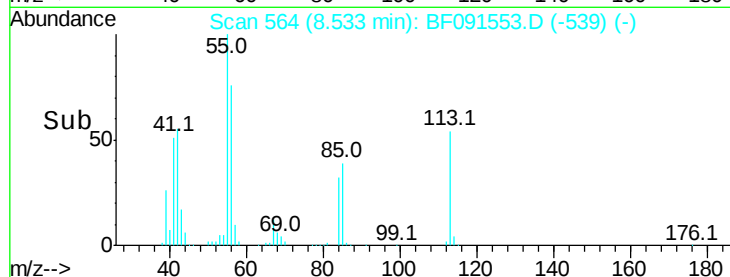
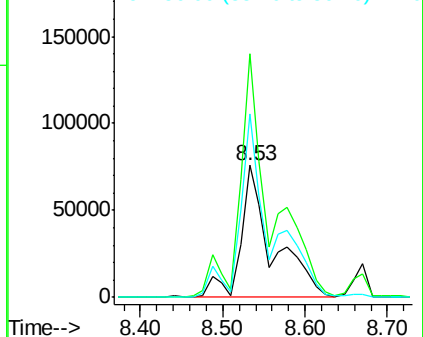
12/14/2016 6:22:27 PM



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: 44.65 ng/ml

RT: 8.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

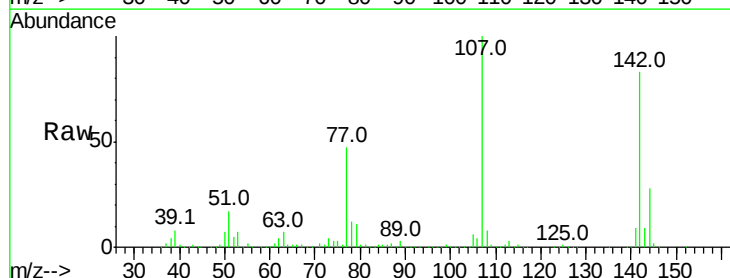
Tgt Ion:107 Resp: 773843

Ion Ratio Lower Upper

107 100

144 27.5 18.9 28.3

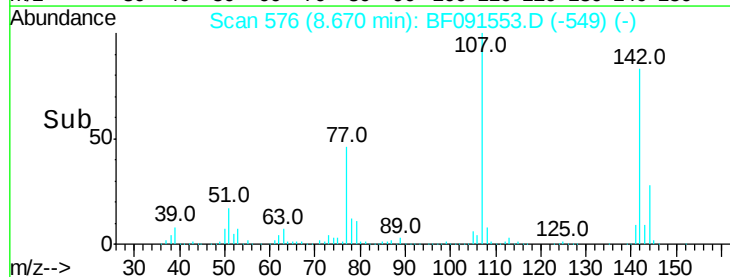
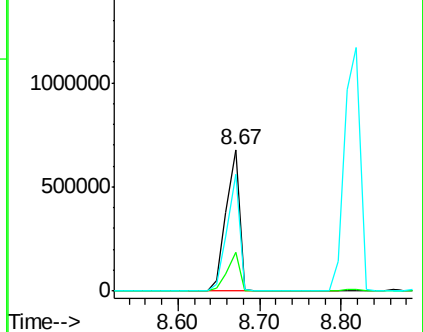
142 82.9 58.5 87.7

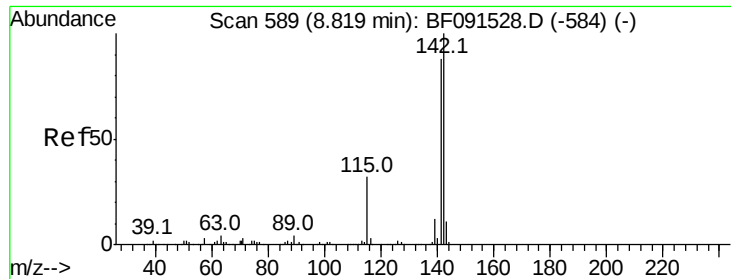


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





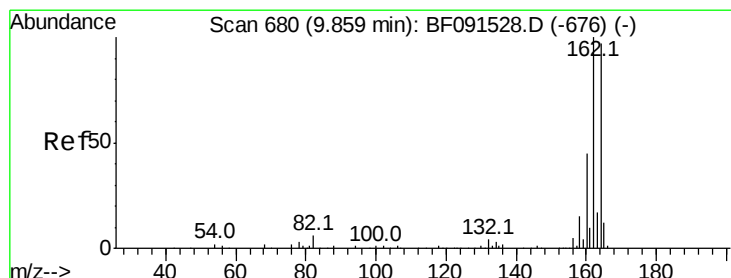
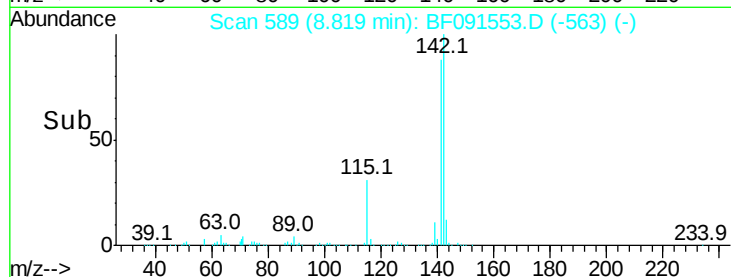
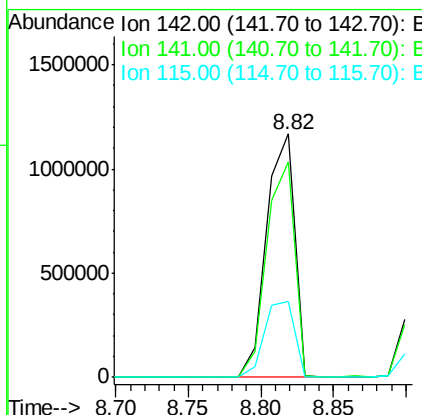
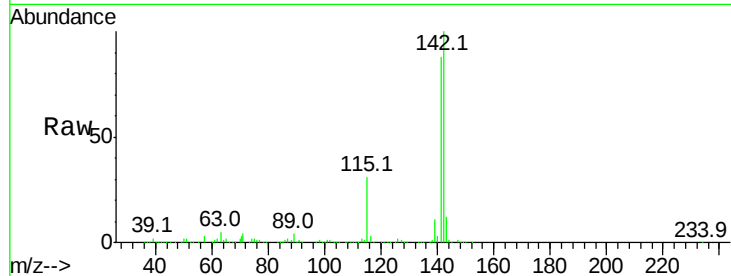
#37
2-Methylnaphthalene
Concen: 42.97 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.7	107.5
115	31.1	25.0	37.6

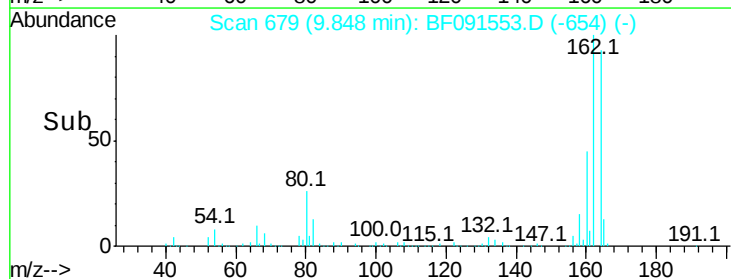
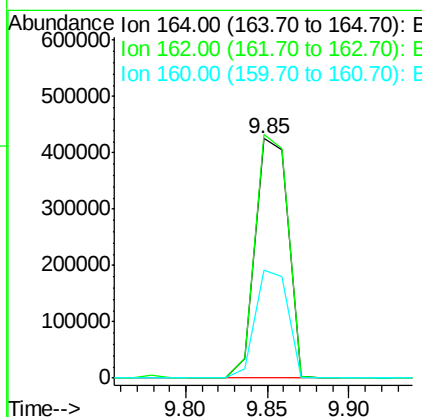
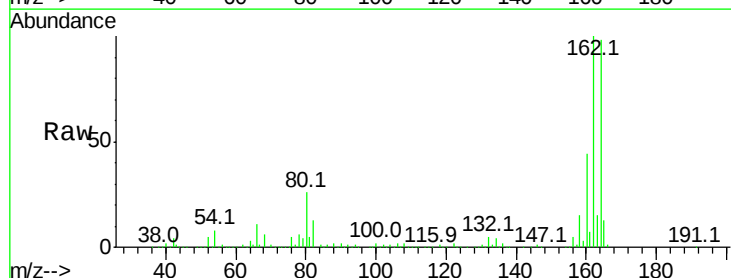
Manual Integrations
APPROVED

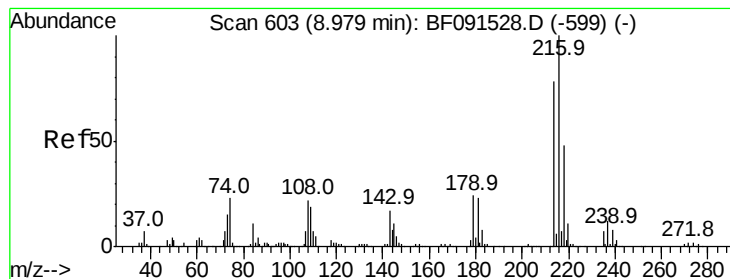
sohil
12/14/2016 6:22:27 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	124.0
160	45.0	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.83 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

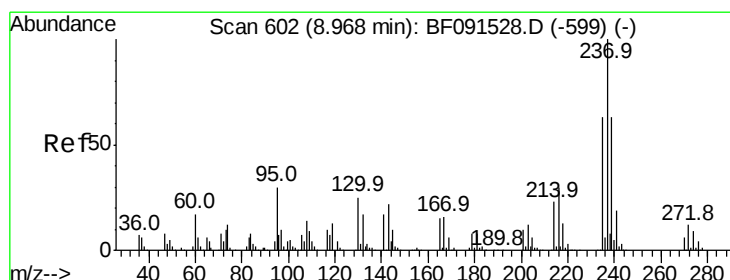
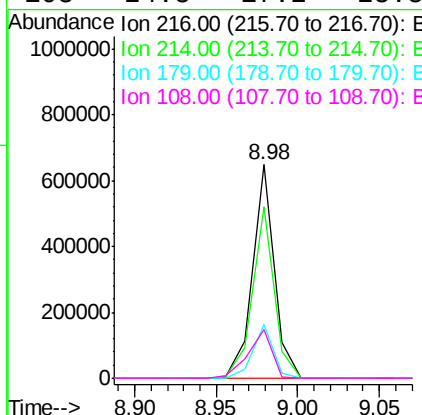
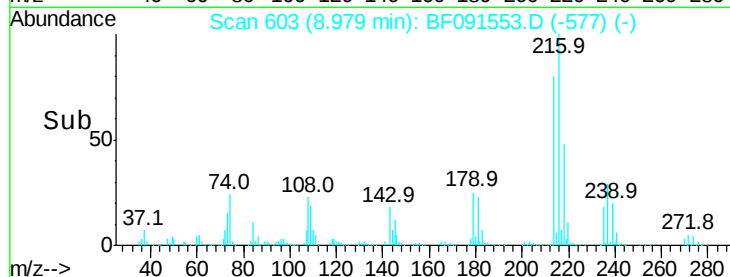
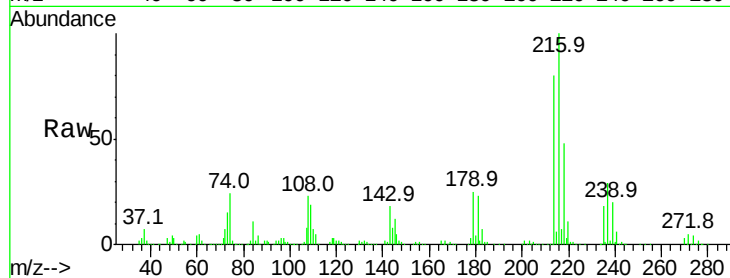
ClientSampleId :

SS08-0-2INMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	602163		
214	79.6	63.8	95.8	
179	23.9	18.2	27.2	
108	24.8	17.2	25.8	

Manual Integrations
APPROVED

sohil
12/14/2016 6:22:27 PM



#40

Hexachlorocyclopentadiene

Concen: 77.28 ng

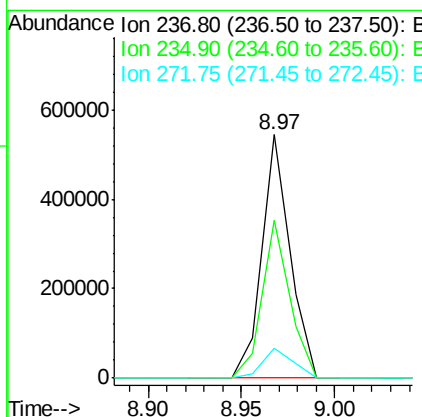
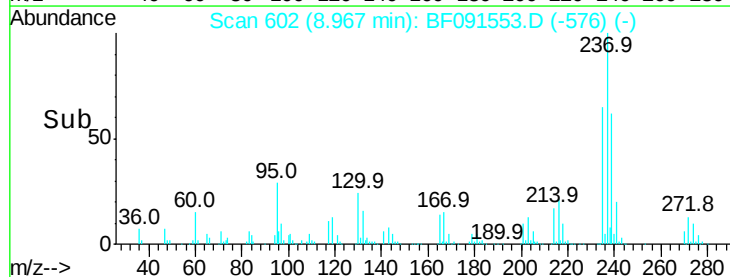
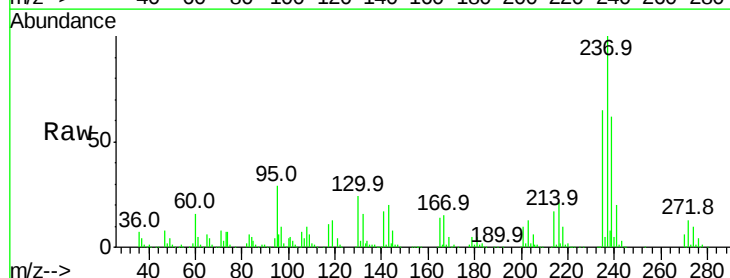
RT: 8.97 min Scan# 602

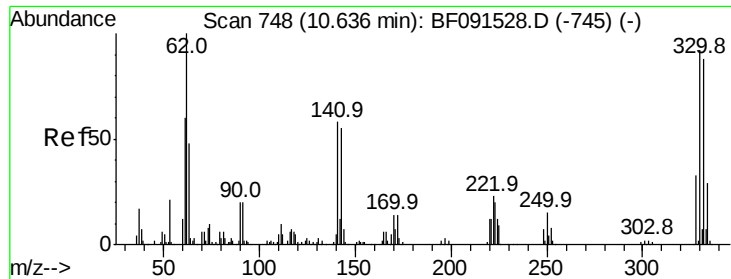
Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	563330		
235	64.8	43.9	83.9	
272	12.5	0.0	33.1	





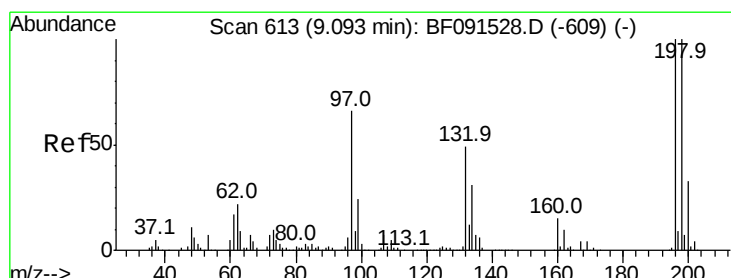
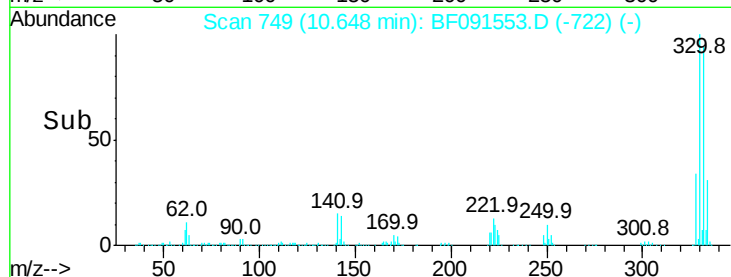
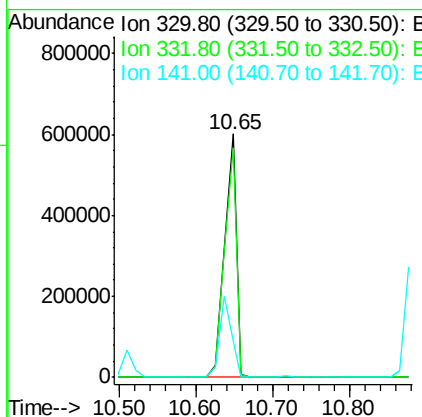
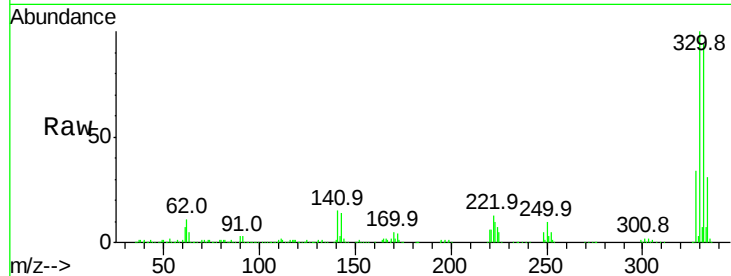
#41
 2,4,6-Tribromophenol
 Concen: 134.10 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091553.D
 Acq: 13 Dec 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	663982		
332	95.7	76.2	114.4	
141	33.0	33.6	50.4#	

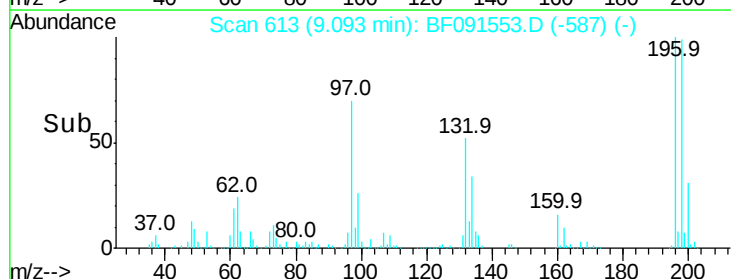
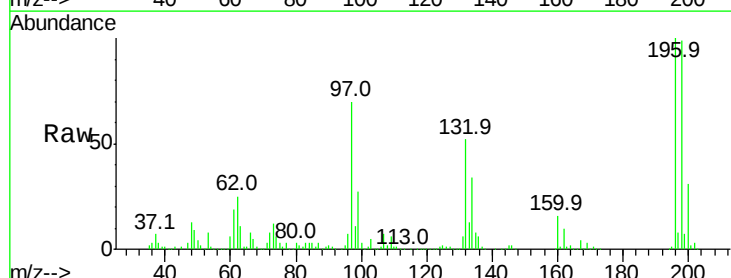
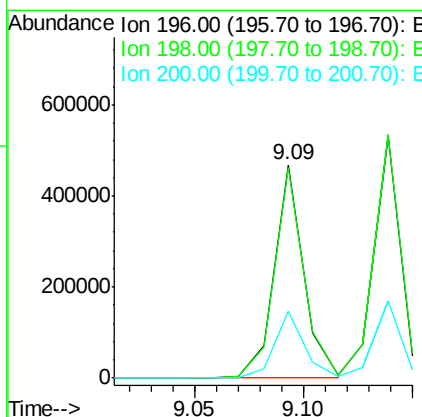
Manual Integrations
 APPROVED

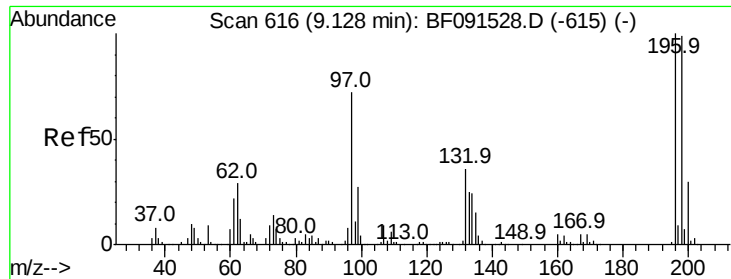
sohil
 12/14/2016 6:22:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.44 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091553.D
 Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	445920		
198	98.7	77.4	116.0	
200	31.2	25.2	37.8	





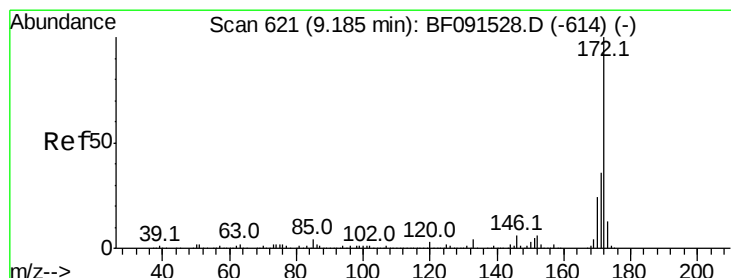
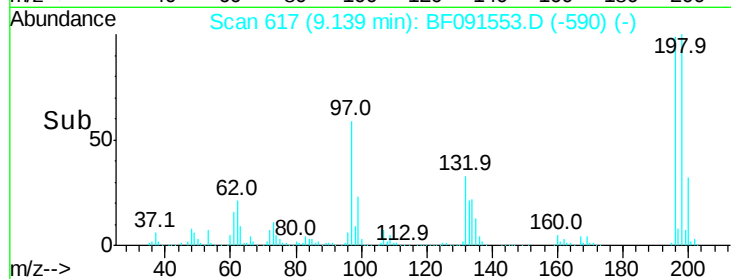
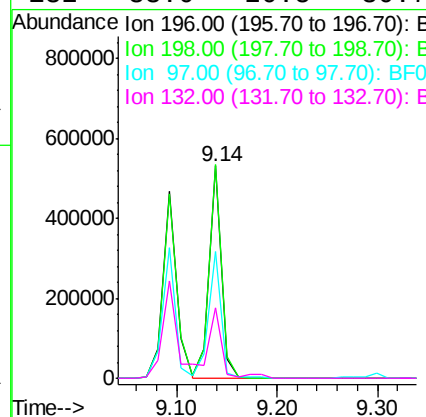
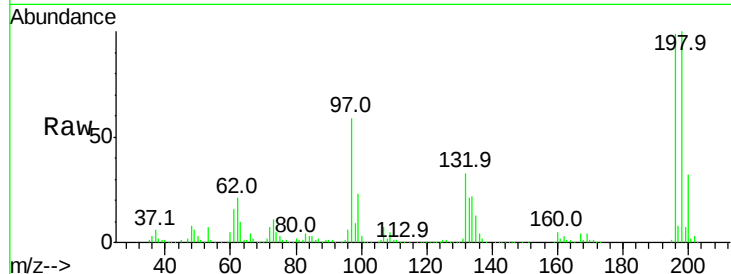
#43
 2,4,5-Trichlorophenol
 Concen: 41.96 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091553.D
 Acq: 13 Dec 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	453042		
198	100.7	77.0	115.6	
97	59.9	33.5	50.3#	
132	33.0	20.5	30.7#	

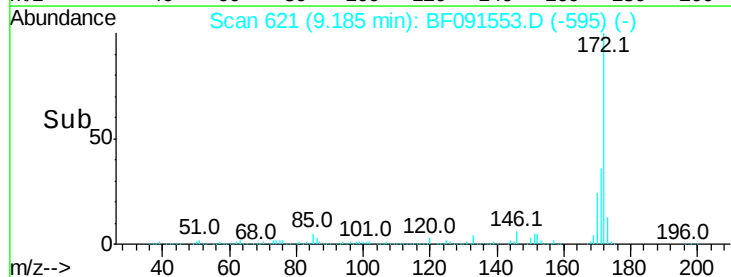
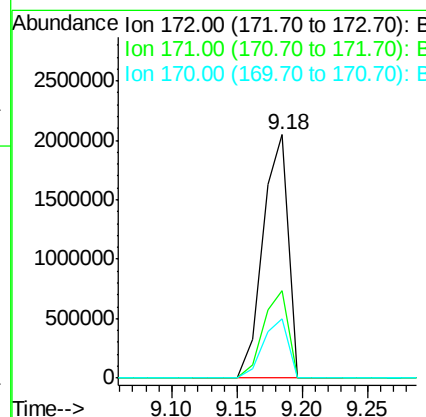
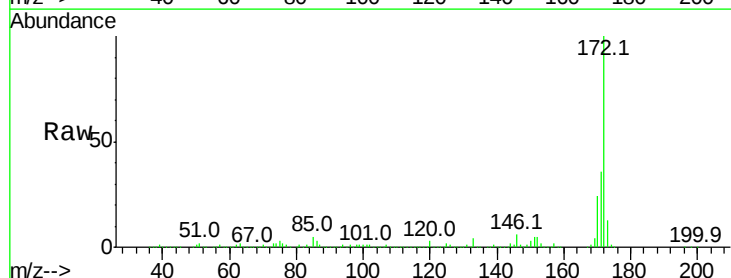
Manual Integrations
 APPROVED

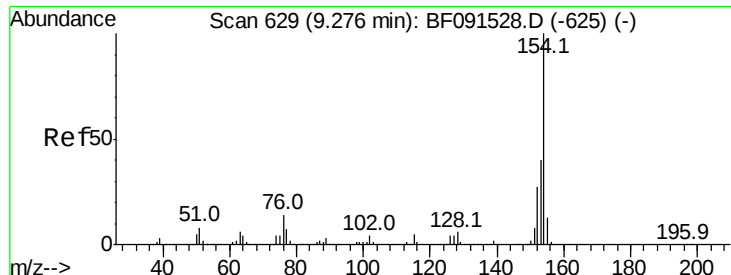
sohil
 12/14/2016 6:22:27 PM



#44
 2-Fluorobiphenyl
 Concen: 79.91 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091553.D
 Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2756893		
171	35.8	29.4	44.0	
170	24.4	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 40.10 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMS

Tot Ion:154 Resp: 1731397

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

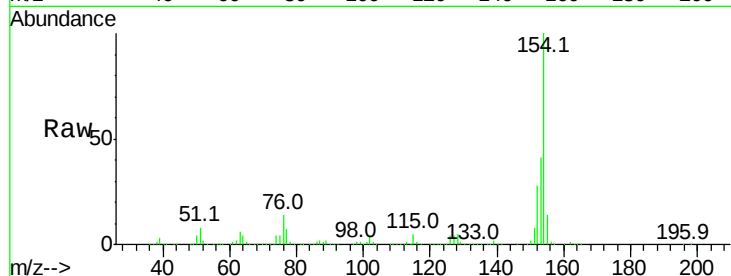
76 14.4 0.0 36.6

Manual Integrations

APPROVED

sohil

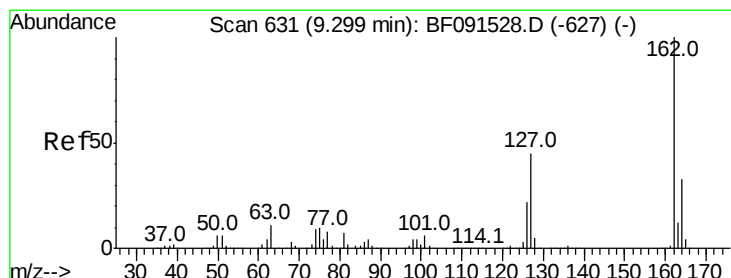
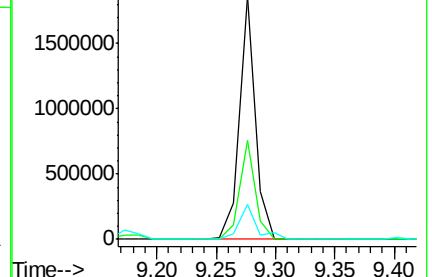
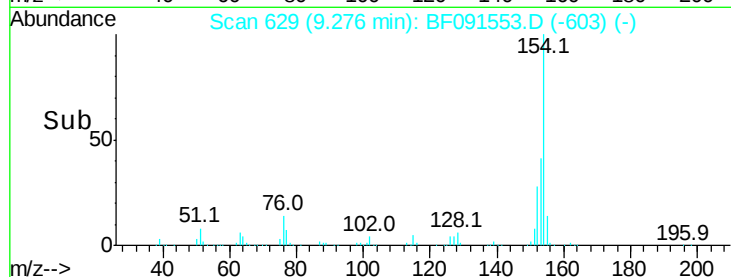
12/14/2016 6:22:27 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.30 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

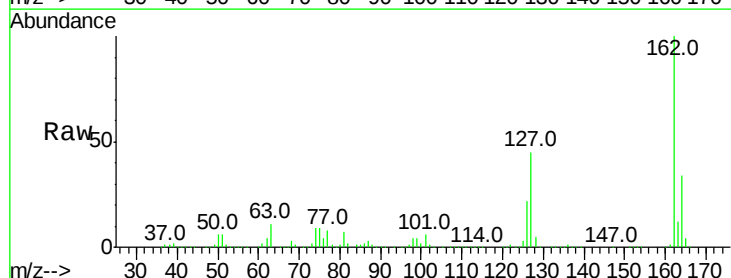
Tgt Ion:162 Resp: 1314110

Ion Ratio Lower Upper

162 100

127 44.7 34.3 51.5

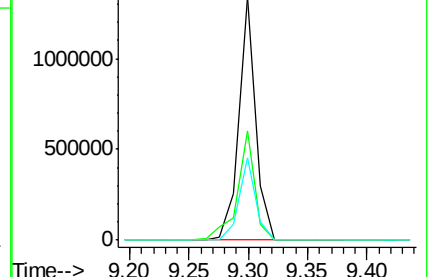
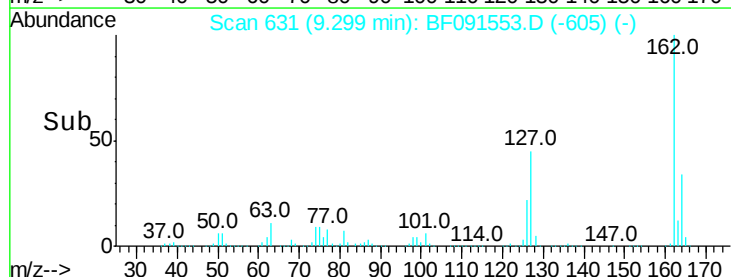
164 33.6 26.6 40.0

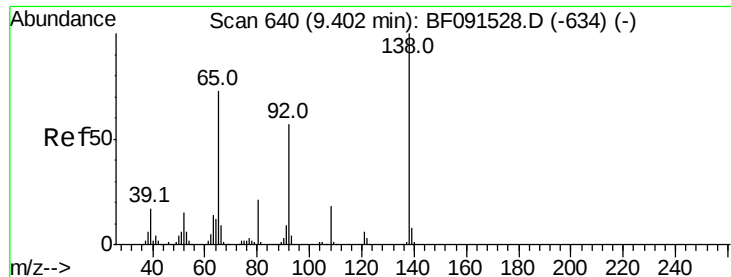


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





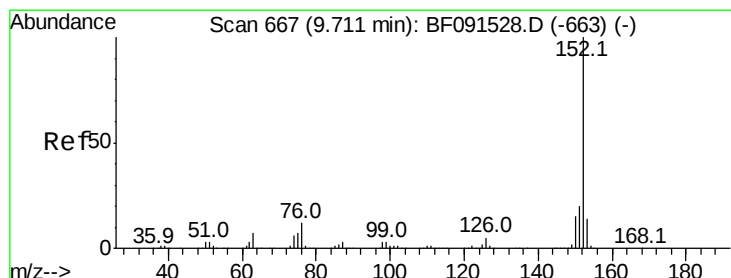
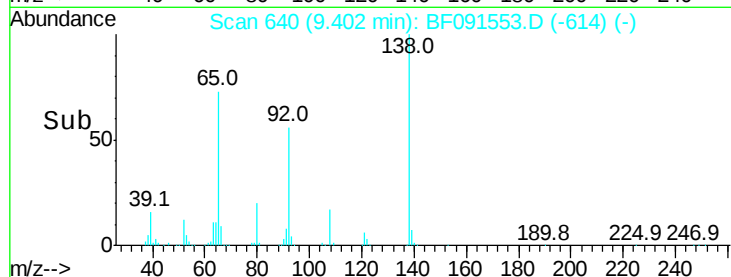
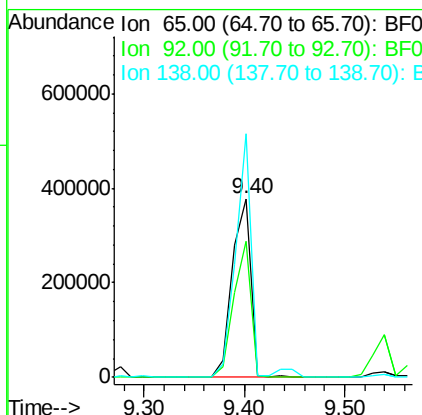
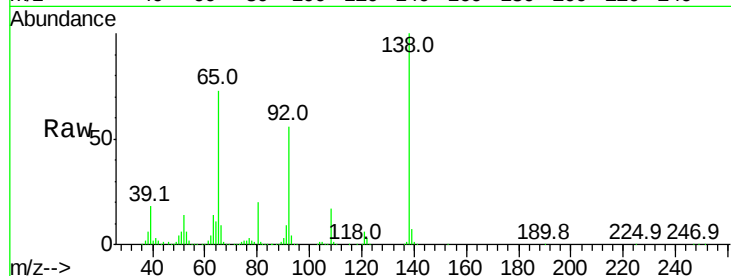
#47
2-Nitroaniline
Concen: 42.96 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.4	53.6	80.4
138	136.5	91.0	136.6

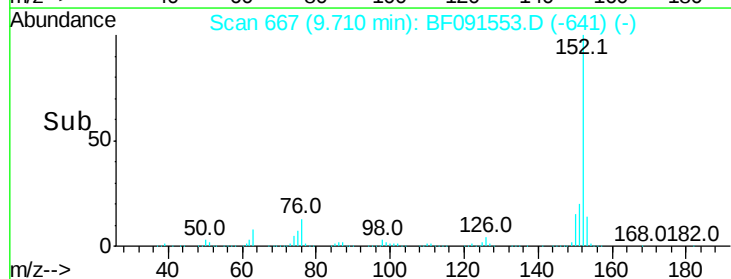
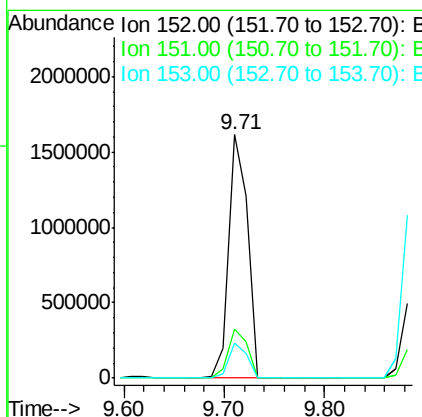
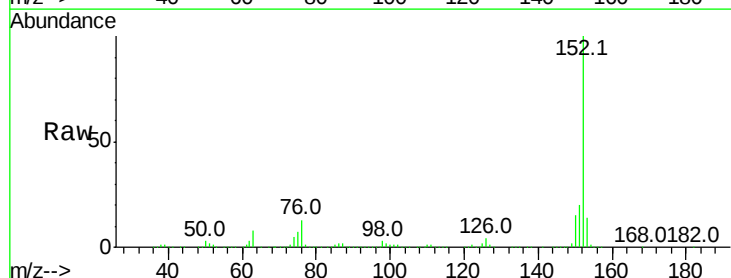
Manual Integrations
APPROVED

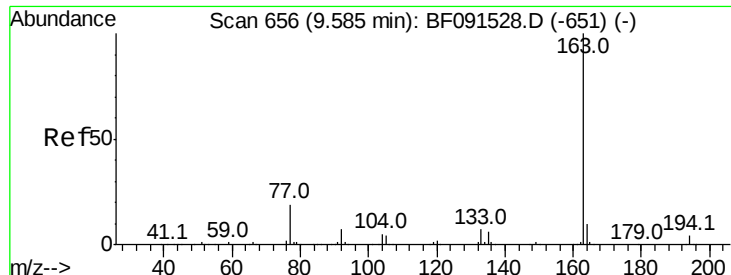
sohil
12/14/2016 6:22:27 PM



#48
Acenaphthylene
Concen: 40.89 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.6	24.8
153	14.4	10.7	16.1





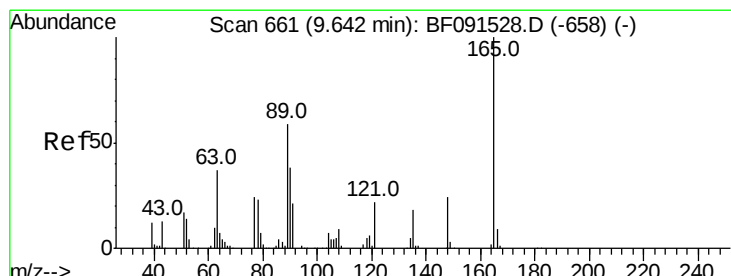
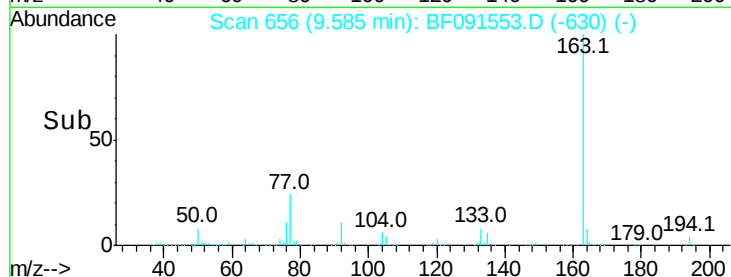
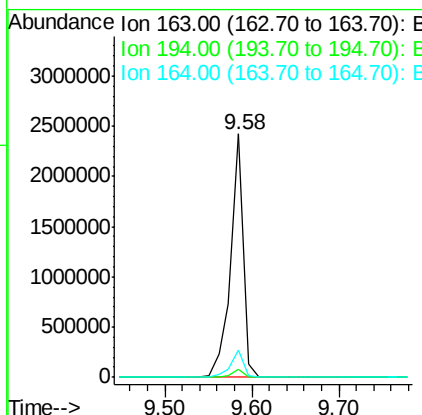
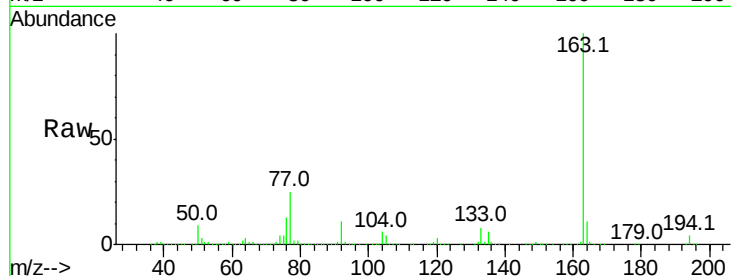
#49
Dimethylphthalate
Concen: 64.45 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion:163 Resp: 2432808
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 11.0 7.8 11.8

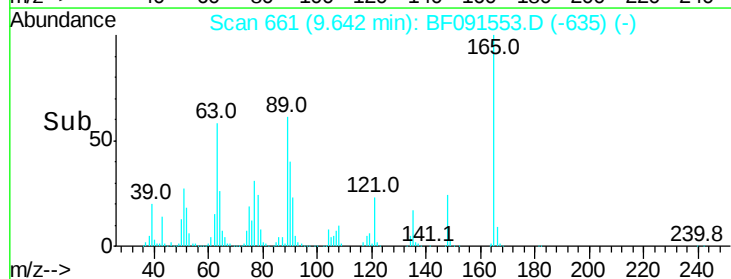
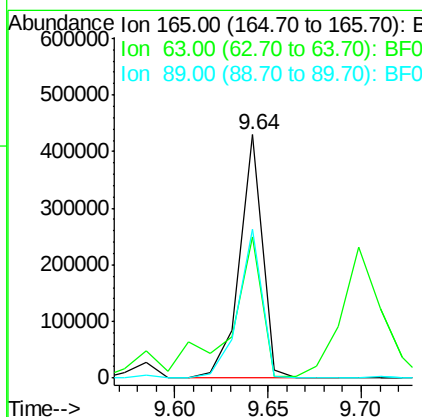
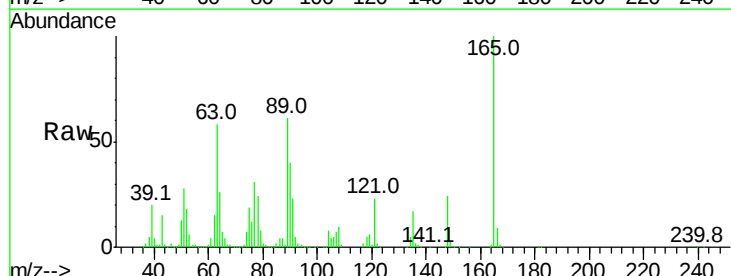
Manual Integrations
APPROVED

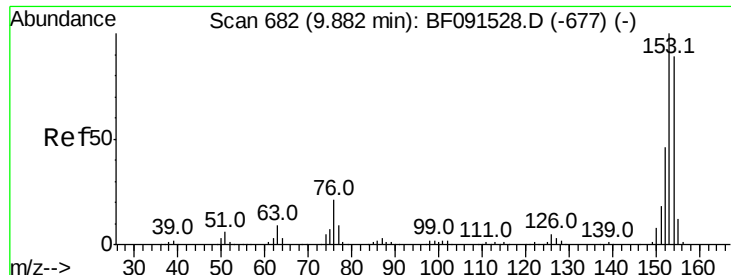
sohil
12/14/2016 6:22:27 PM



#50
2,6-Dinitrotoluene
Concen: 44.64 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion:165 Resp: 369832
Ion Ratio Lower Upper
165 100
63 58.1 59.4 89.0#
89 61.1 50.8 76.2





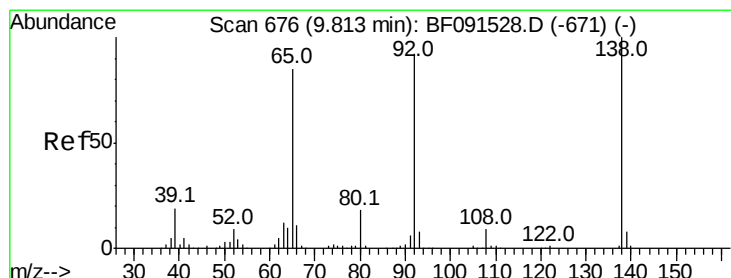
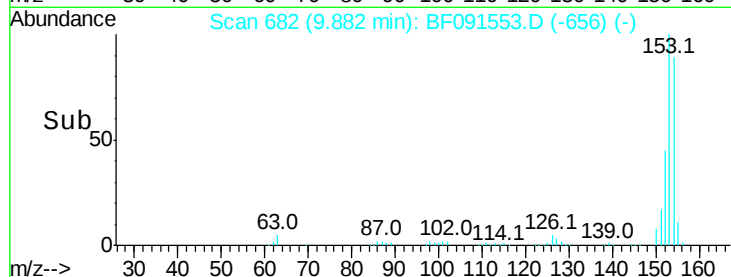
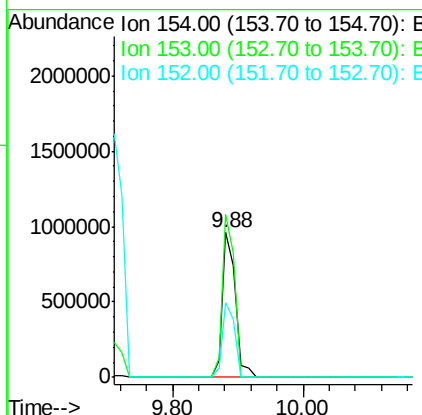
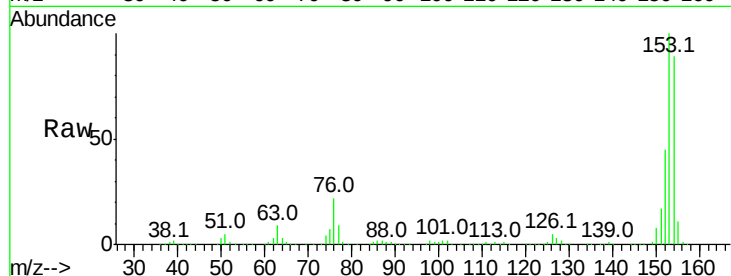
#51
Acenaphthene
Concen: 38.28 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion:154 Resp: 1355177
Ion Ratio Lower Upper
154 100
153 112.6 91.0 136.6
152 51.2 44.2 66.2

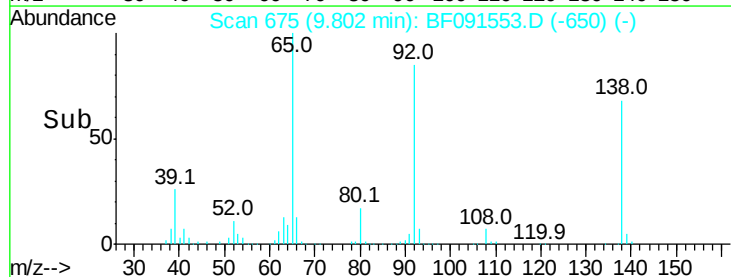
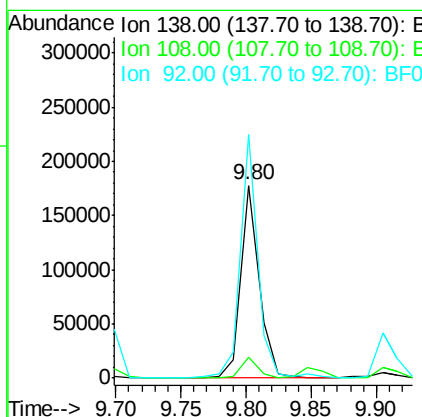
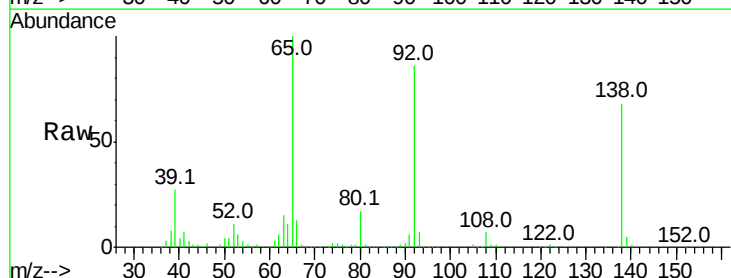
Manual Integrations
APPROVED

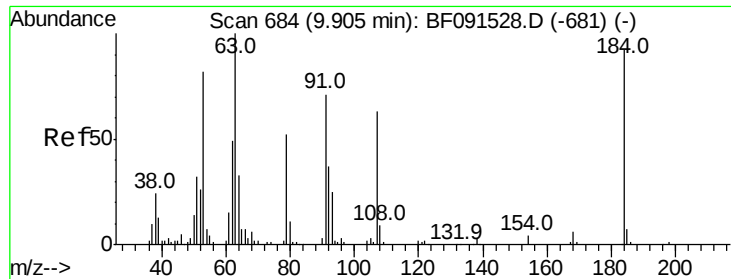
sohil
12/14/2016 6:22:27 PM



#52
3-Nitroaniline
Concen: 17.91 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion:138 Resp: 174308
Ion Ratio Lower Upper
138 100
108 10.7 8.1 12.1
92 126.3 92.5 138.7





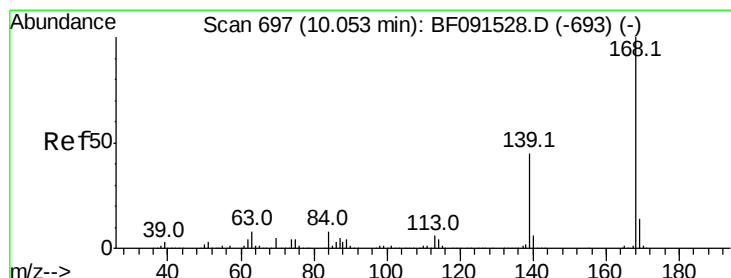
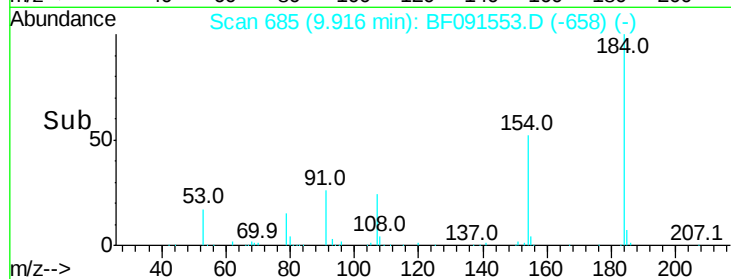
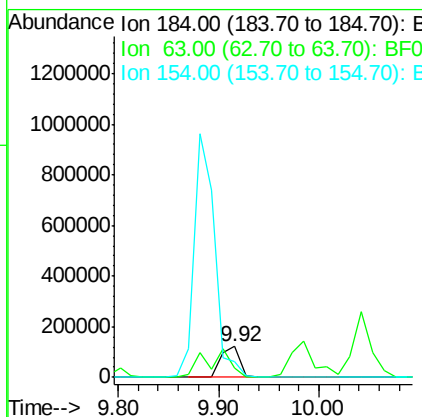
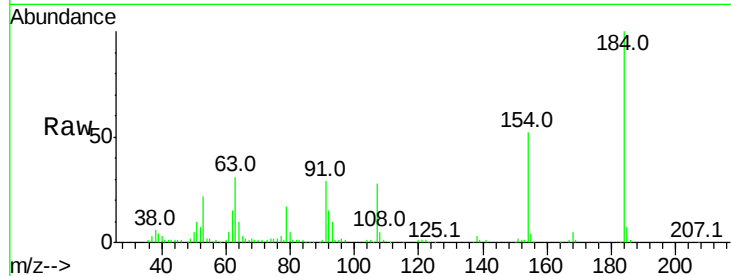
#53
2,4-Dinitrophenol
Concen: 43.00 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	30.7	58.3	87.5#
154	52.1	48.6	73.0

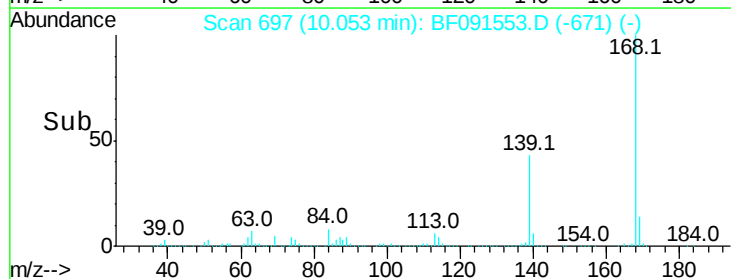
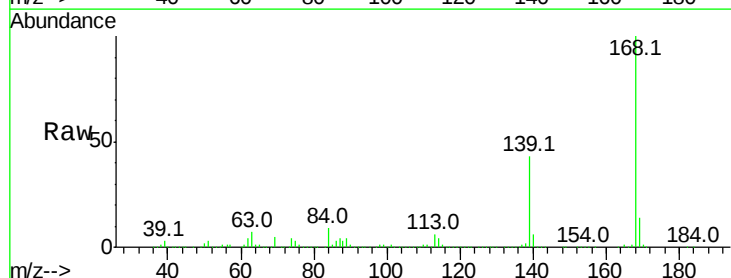
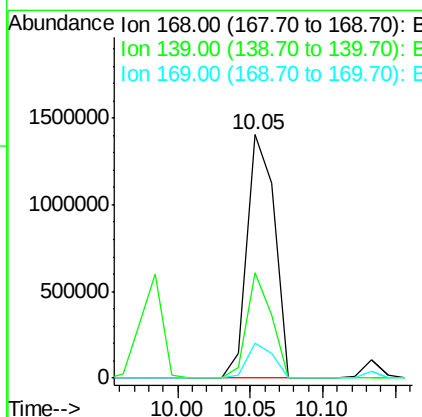
Manual Integrations
APPROVED

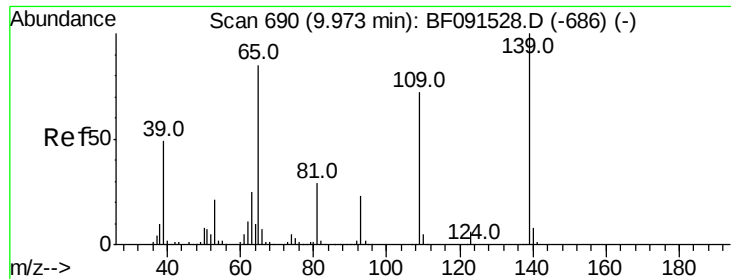
sohil
12/14/2016 6:22:27 PM



#54
Dibenzofuran
Concen: 42.03 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.1	33.4	50.2
169	14.2	11.1	16.7





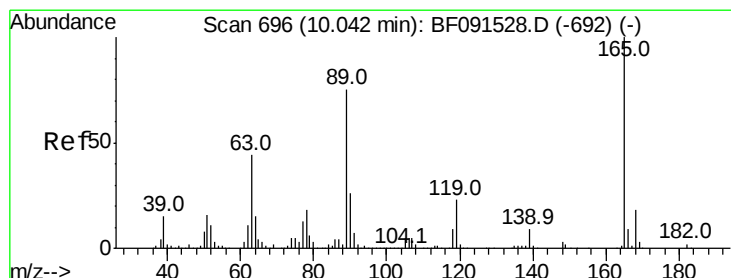
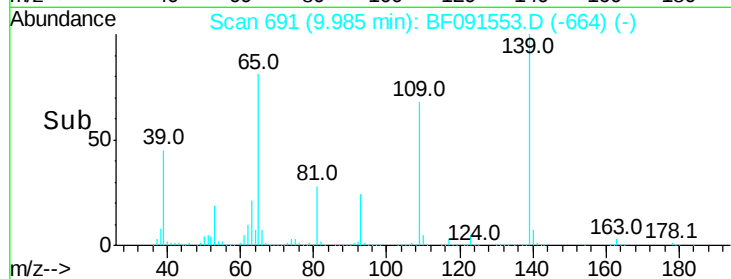
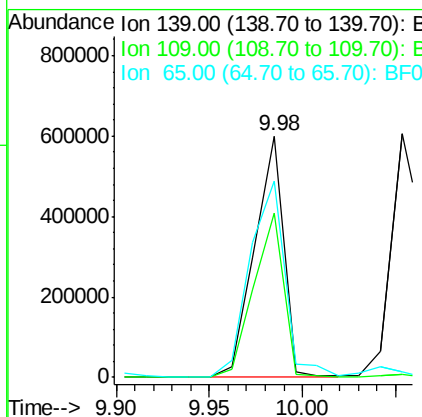
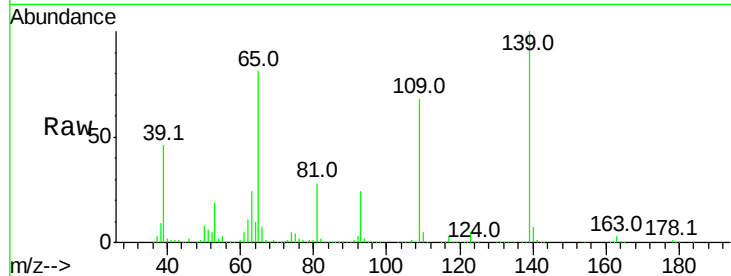
#55
4-Nitrophenol
Concen: 89.58 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	648669		
109	67.9	54.9	94.9	
65	81.0	102.2	142.2#	

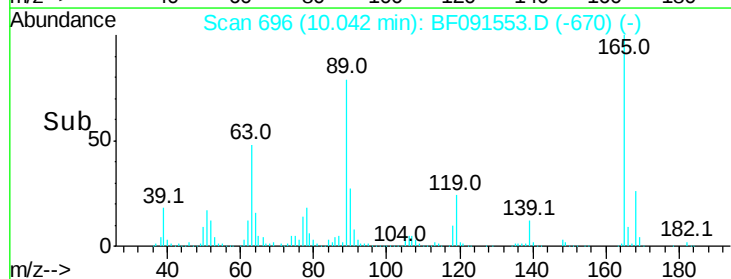
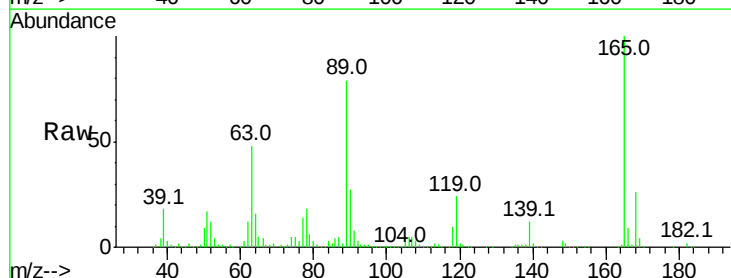
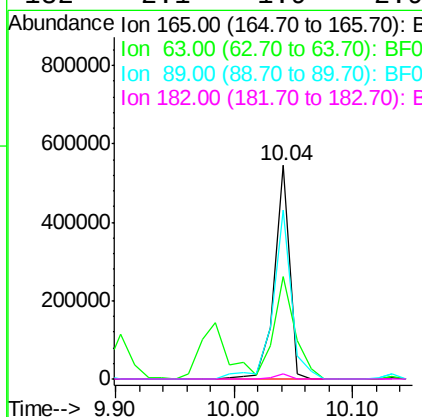
Manual Integrations
APPROVED

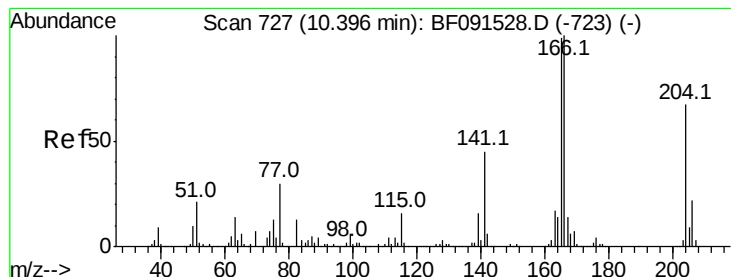
sohil
12/14/2016 6:22:27 PM



#56
2,4-Dinitrotoluene
Concen: 46.75 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	485457		
63	47.7	29.0	43.4#	
89	78.9	43.1	64.7#	
182	2.1	1.9	2.9	





#57

Fluorene

Concen: 39.26 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampled :

SS08-0-2INMS

Tot Ion:166 Resp: 1248608

Ion Ratio Lower Upper

166 100

165 97.9 80.0 120.0

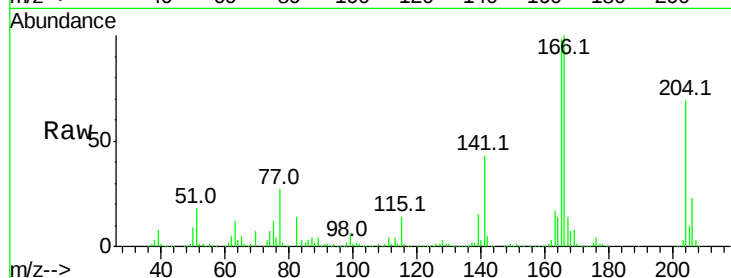
167 13.9 10.8 16.2

Manual Integrations

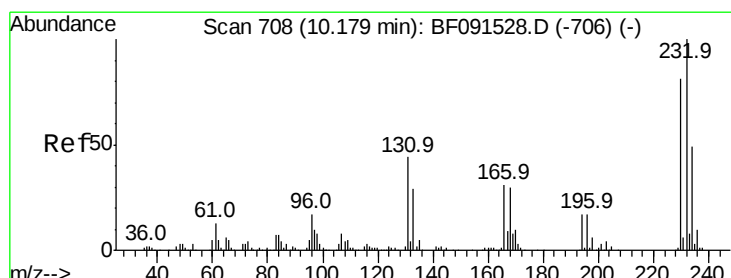
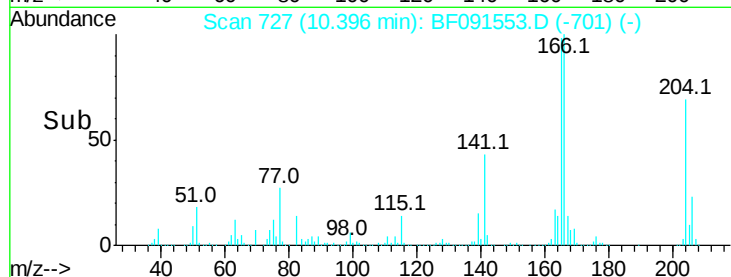
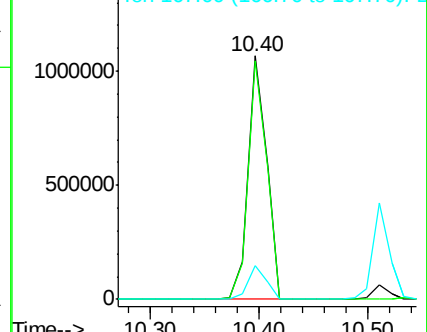
APPROVED

sohil

12/14/2016 6:22:27 PM



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.43 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Tgt Ion:232 Resp: 375561

Ion Ratio Lower Upper

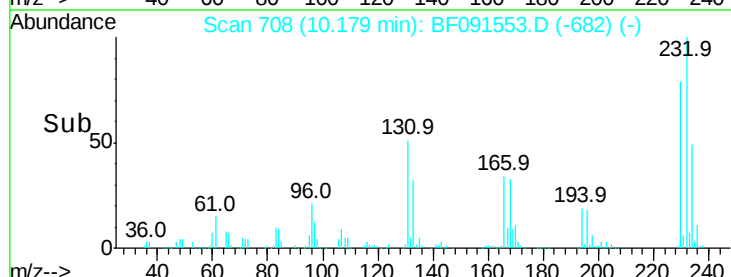
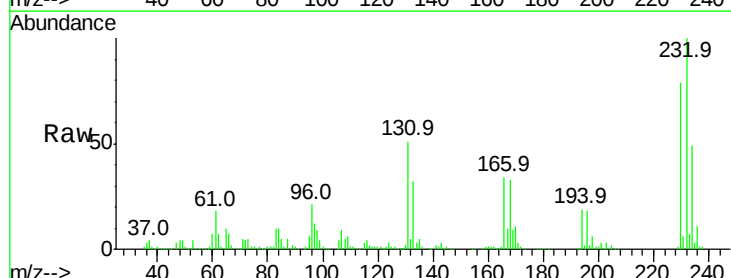
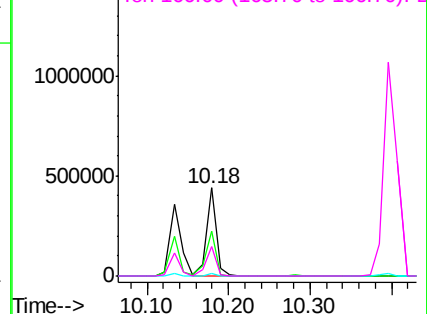
232 100

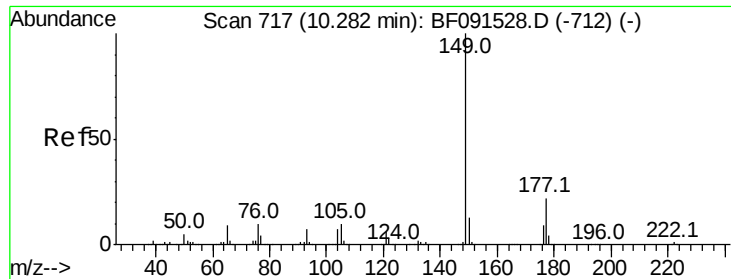
131 52.6 38.4 57.6

130 2.5 1.8 2.8

166 33.7 23.9 35.9

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





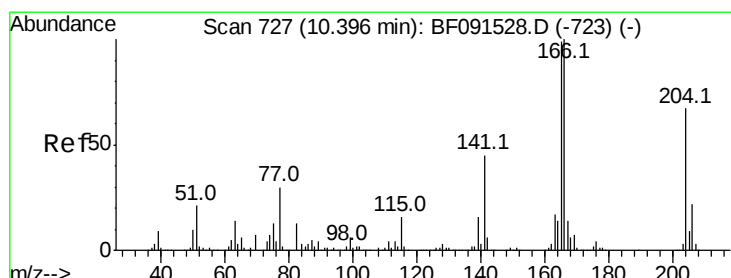
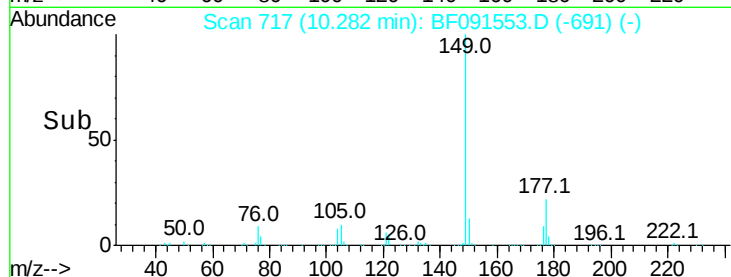
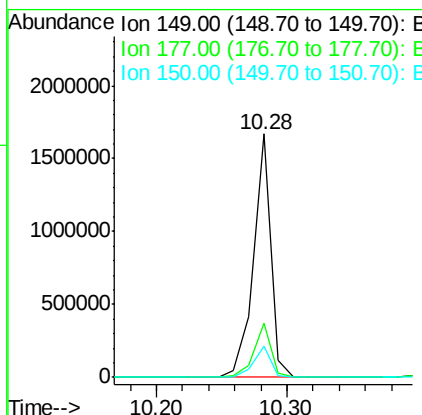
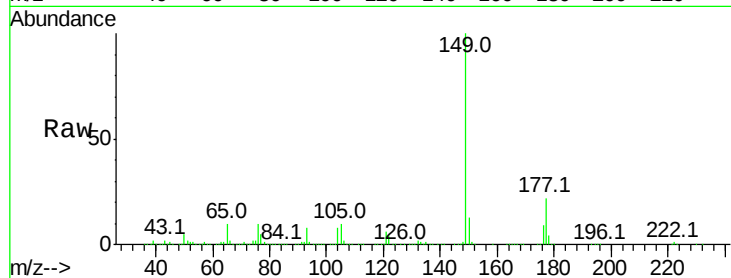
#59
Diethylphthalate
Concen: 42.50 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	15.7	23.5
150	12.8	10.2	15.2

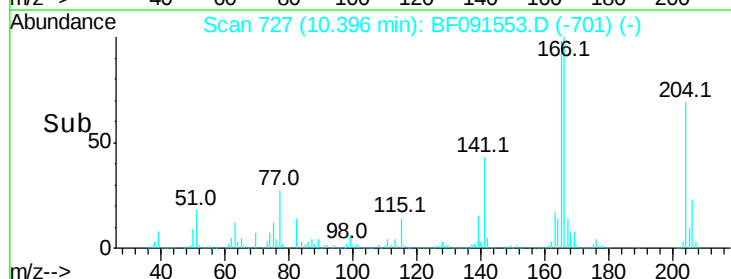
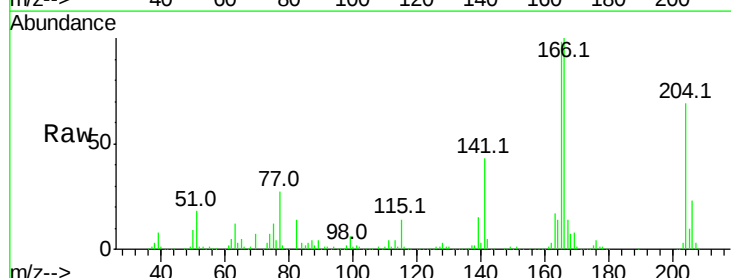
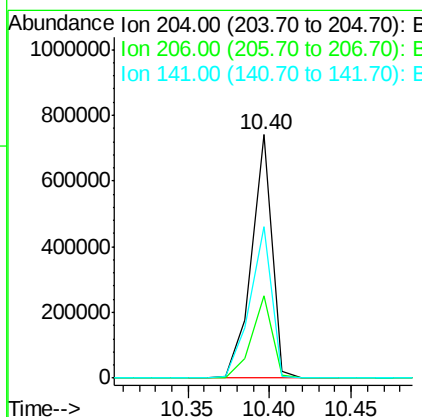
Manual Integrations
APPROVED

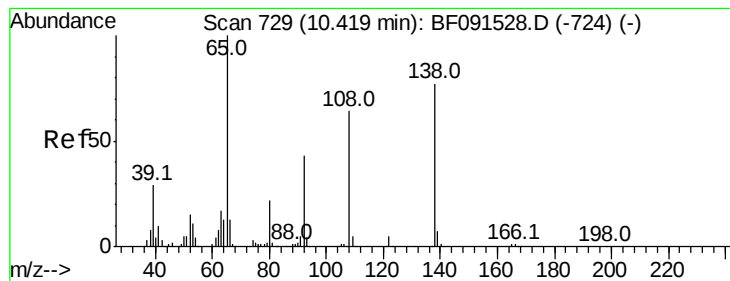
sohil
12/14/2016 6:22:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.14 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.1	39.1
141	62.4	40.6	61.0





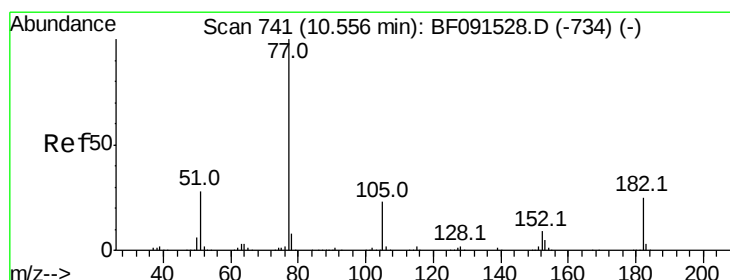
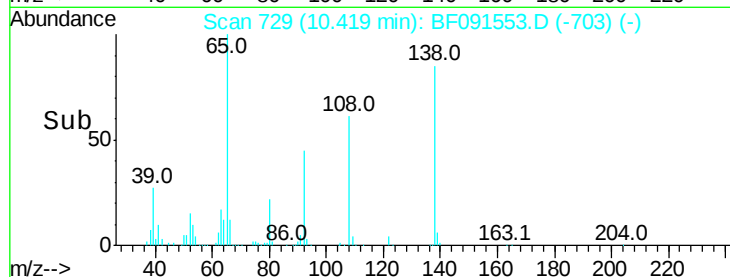
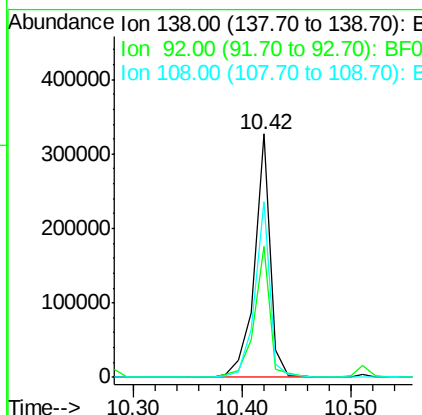
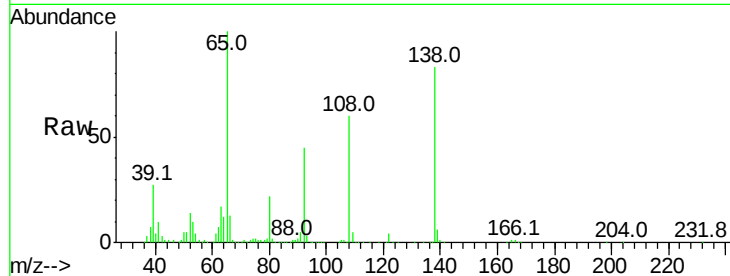
#61
4-Nitroaniline
Concen: 34.47 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.8	26.9	66.9
108	72.3	49.1	89.1

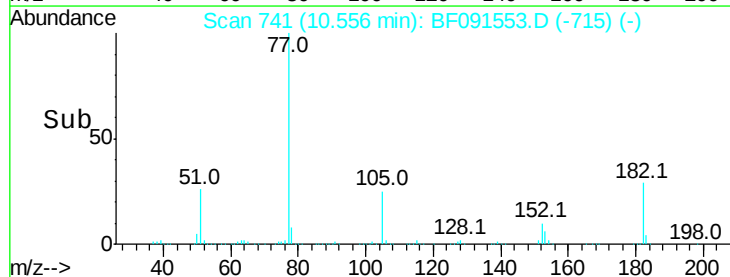
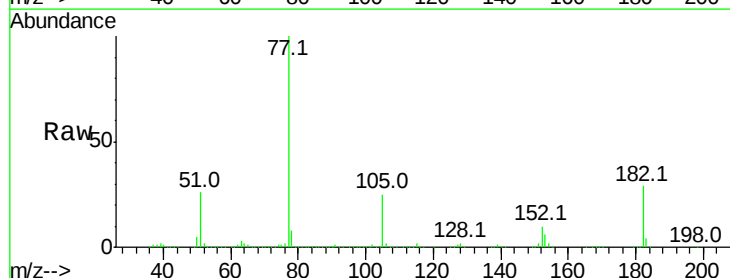
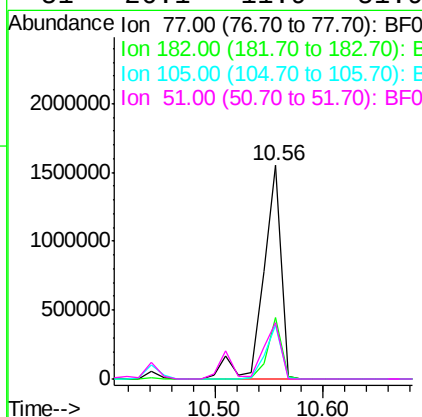
Manual Integrations
APPROVED

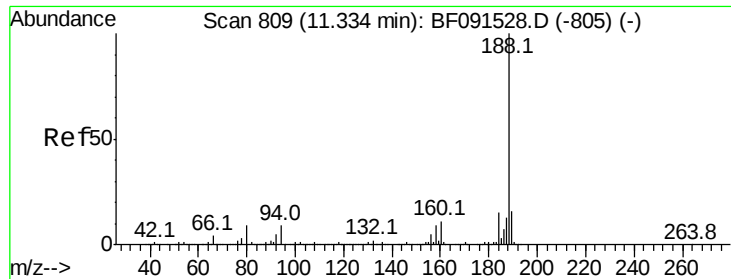
sohil
12/14/2016 6:22:27 PM



#62
Azobenzene
Concen: 43.52 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	12.5	52.5
105	25.3	3.7	43.7
51	26.1	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

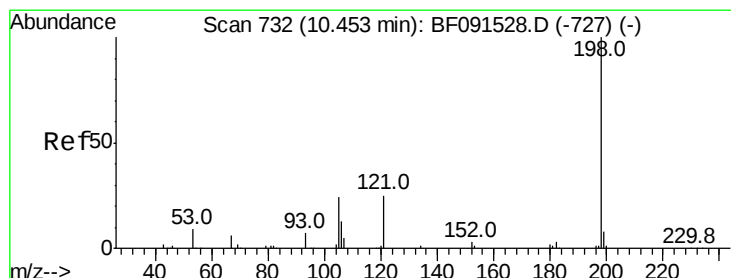
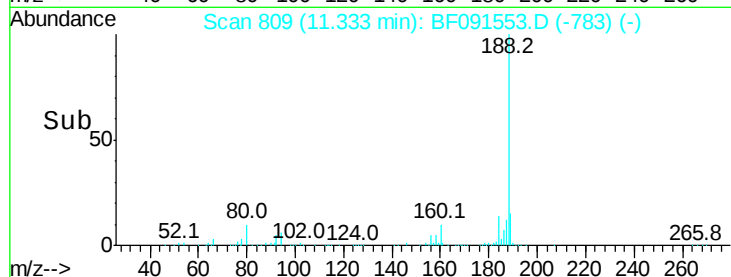
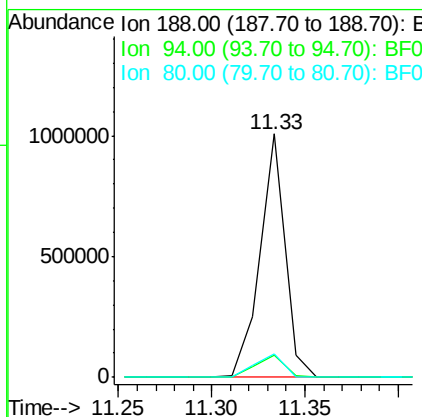
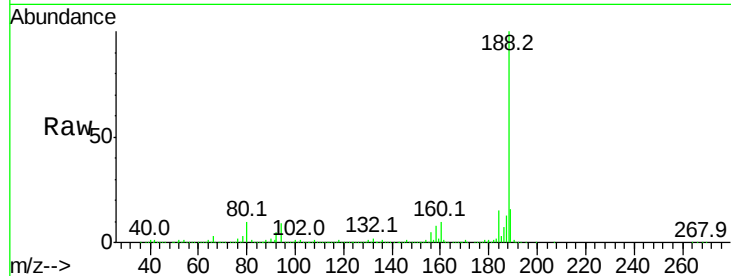
ClientSampleId :

SS08-0-2INMS

Tot Ion:	188	Resp:	933037
Ion Ratio	Lower	Upper	
188	100		
94	8.9	9.2	13.8#
80	9.9	10.5	15.7#

Manual Integrations
APPROVED

sohil
12/14/2016 6:22:27 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 35.72 ng

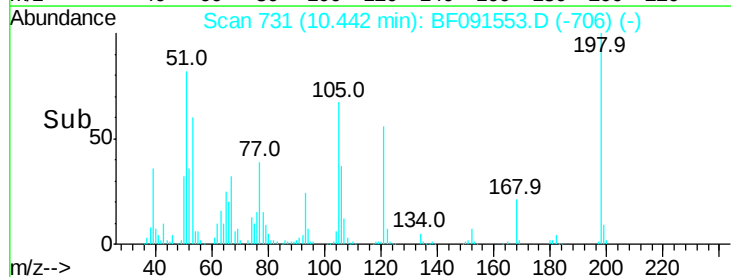
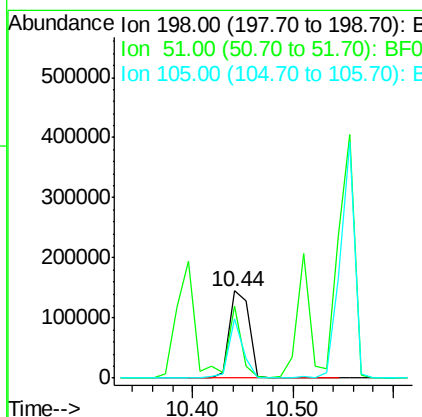
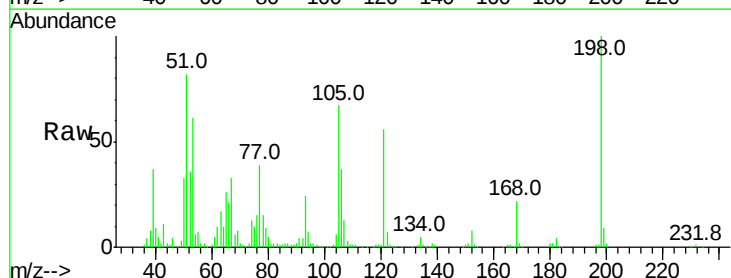
RT: 10.44 min Scan# 731

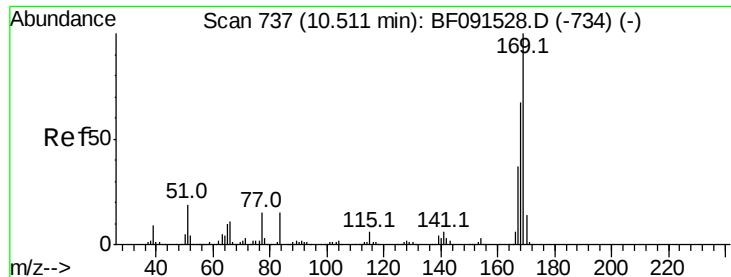
Delta R.T. -0.01 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Tgt Ion:	198	Resp:	197852
Ion Ratio	Lower	Upper	
198	100		
51	82.0	77.1	117.1
105	67.5	44.8	84.8





#65

n-Nitrosodiphenylamine

Concen: 42.57 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMS

Tot Ion:169 Resp: 1184028

Ion Ratio Lower Upper

169 100

168 66.6 53.8 80.8

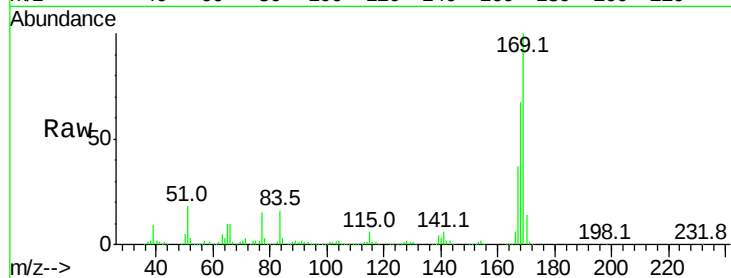
167 37.3 29.8 44.8

Manual Integrations

APPROVED

sohil

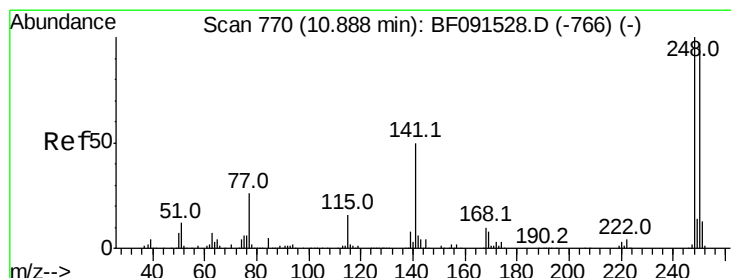
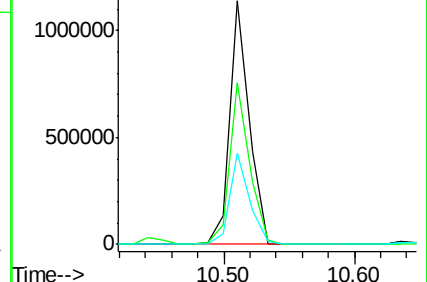
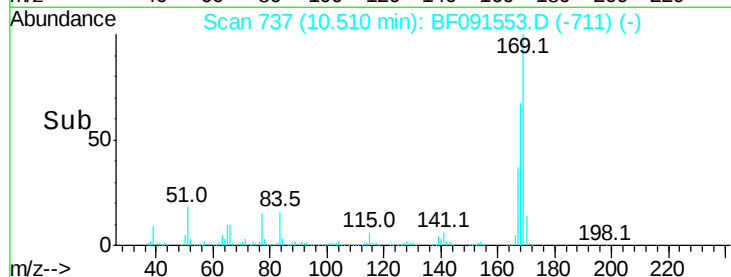
12/14/2016 6:22:27 PM



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: 44.28 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

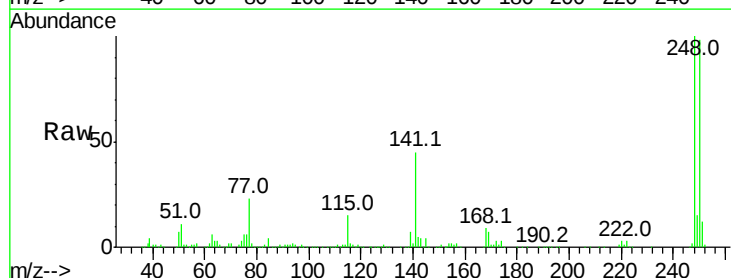
Tgt Ion:248 Resp: 423584

Ion Ratio Lower Upper

248 100

250 98.0 78.2 117.4

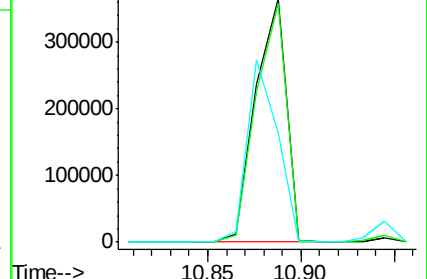
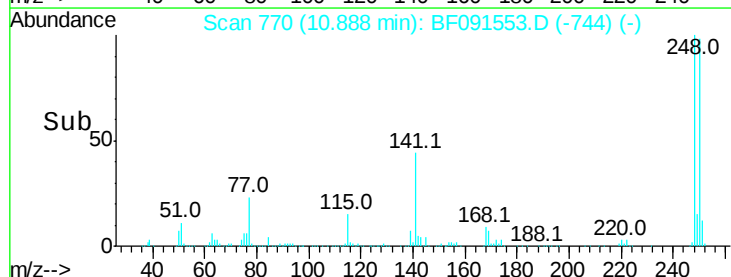
141 44.6 71.9 107.9#

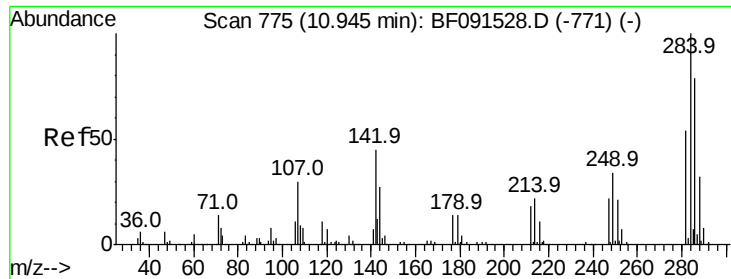


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.33 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

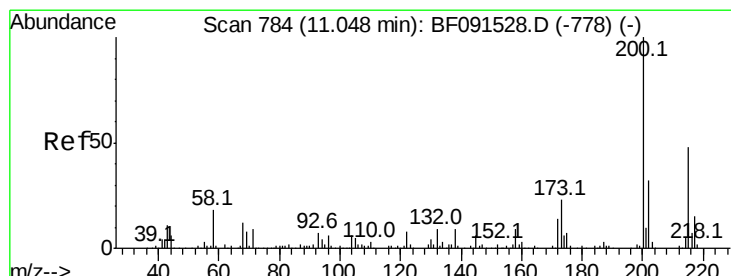
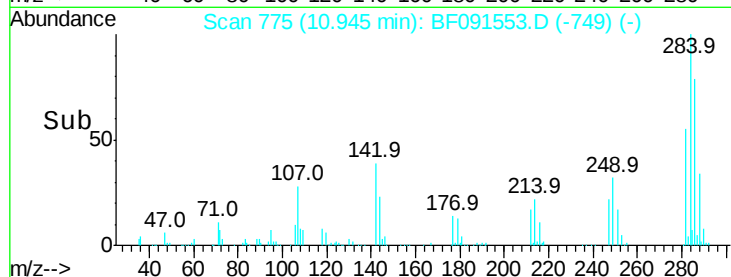
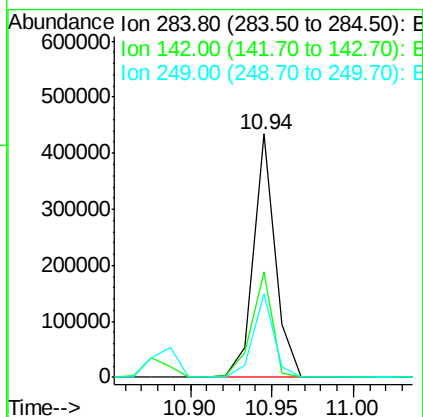
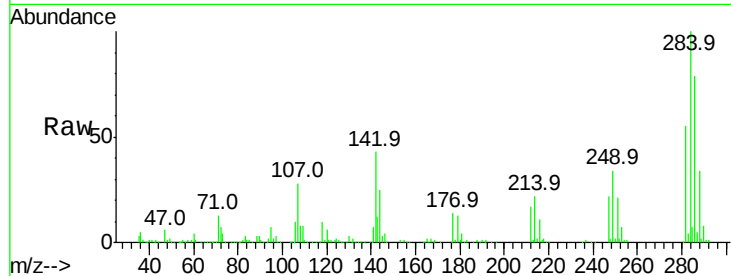
ClientSampleId :

SS08-0-2INMS

Tot Ion:	284	Resp:	401195
Ion Ratio		Lower	Upper
284	100		
142	43.0	17.9	26.9#
249	34.2	23.6	35.4

Manual Integrations
APPROVED

sohil
12/14/2016 6:22:27 PM



#68

Atrazine

Concen: 44.62 ng

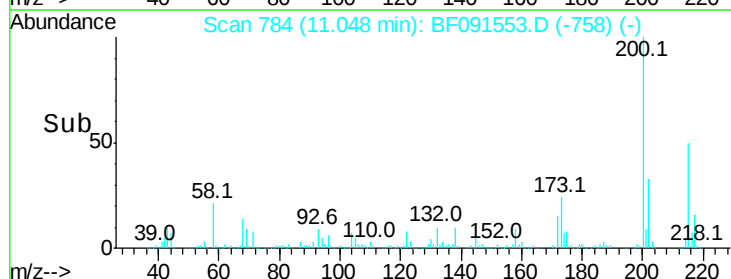
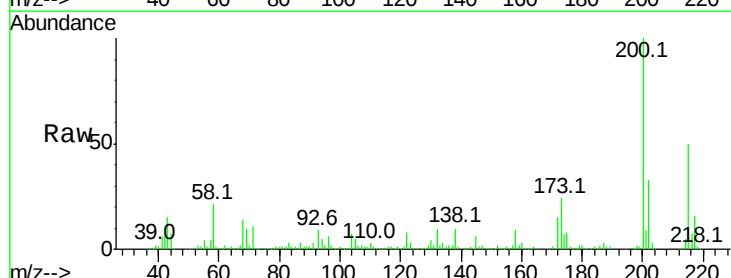
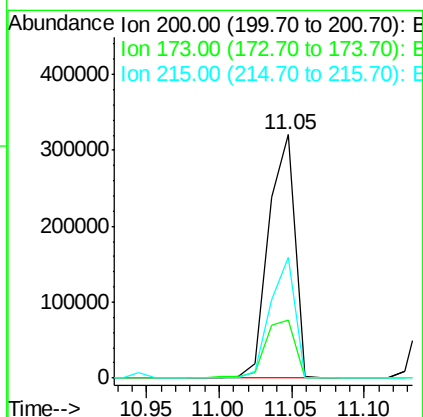
RT: 11.05 min Scan# 784

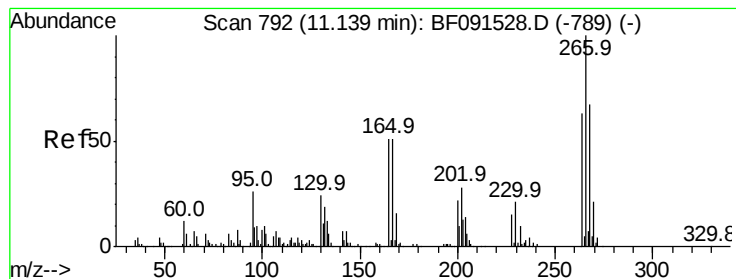
Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Tgt Ion:	200	Resp:	399061
Ion Ratio		Lower	Upper
200	100		
173	23.7	7.8	47.8
215	49.5	24.3	64.3





#69

Pentachlorophenol

Concen: 74.85 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

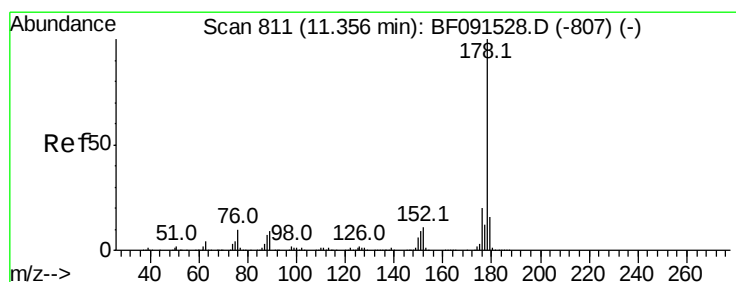
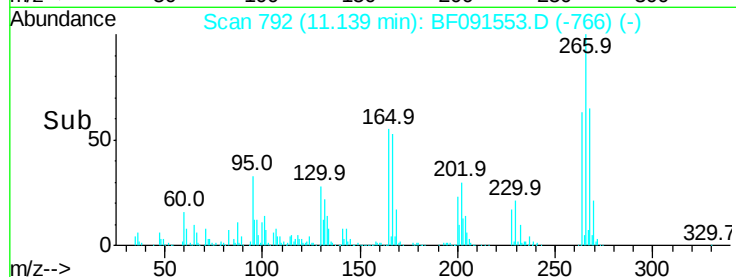
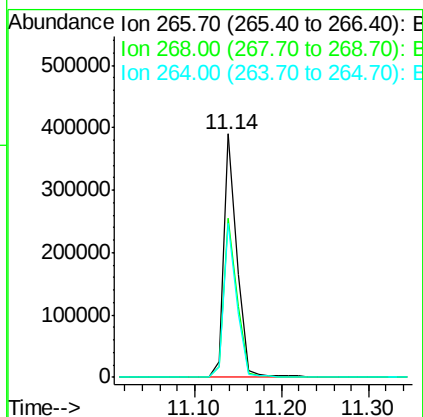
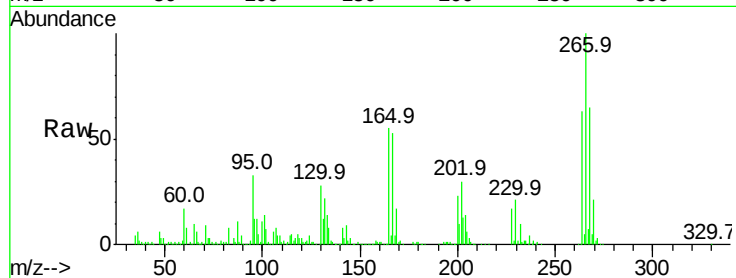
ClientSampleId :

SS08-0-2INMS

Tot Ion:	266	Resp:	418976
Ion Ratio		Lower	Upper
266	100		
268	65.4	50.3	75.5
264	63.4	48.2	72.2

Manual Integrations
APPROVED

sohil
12/14/2016 6:22:27 PM



#70

Phenanthrene

Concen: 40.83 ng

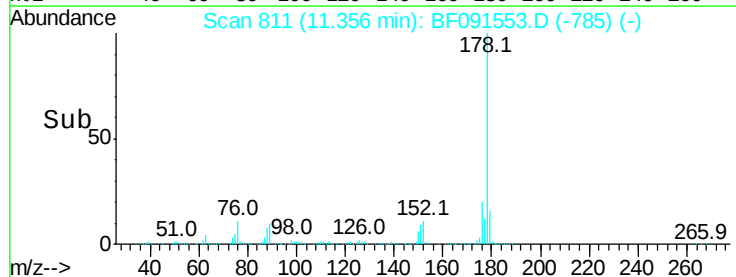
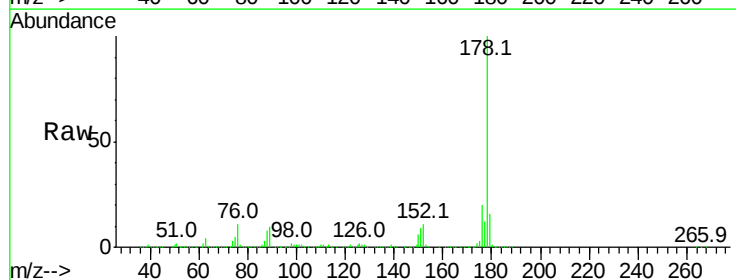
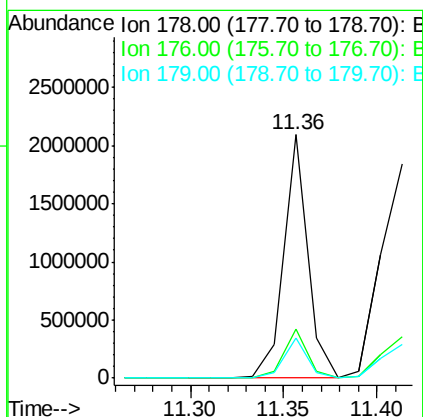
RT: 11.36 min Scan# 811

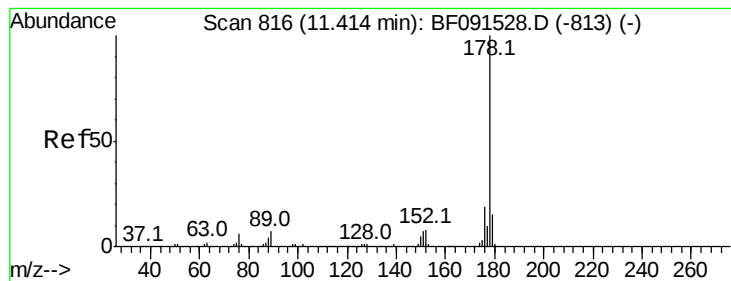
Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Tgt Ion:	178	Resp:	1886623
Ion Ratio		Lower	Upper
178	100		
176	20.3	15.9	23.9
179	16.4	12.6	18.8





#71
 Anthracene
 Concen: 41.11 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091553.D
 Acq: 13 Dec 2016 14:55

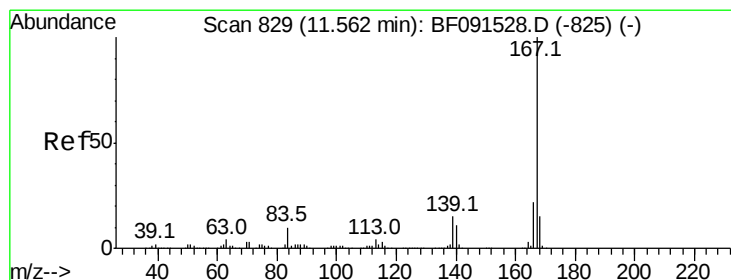
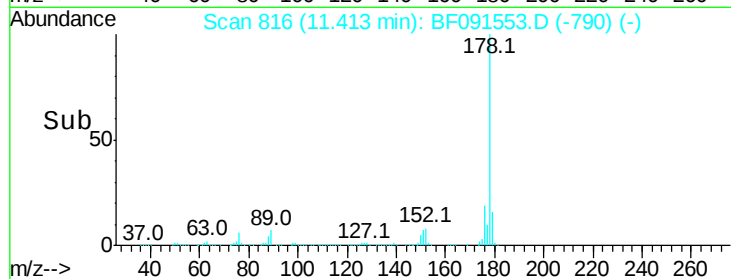
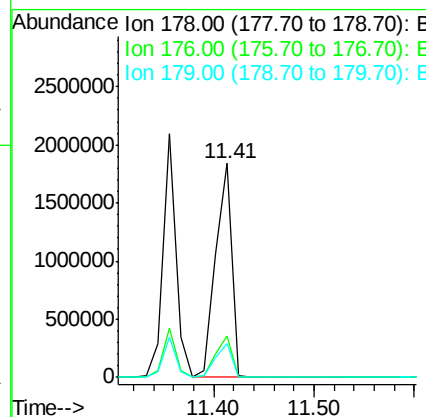
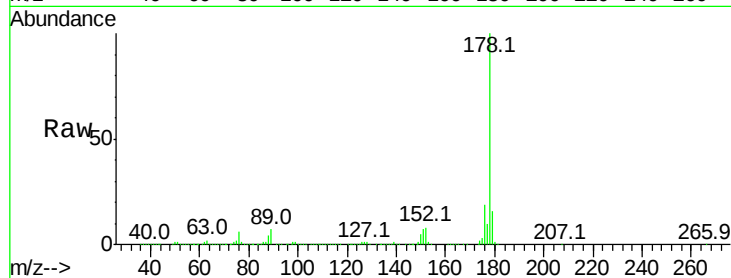
Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMS

Tot Ion:178 Resp: 2048701

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.6	12.7	19.1

Manual Integrations
 APPROVED

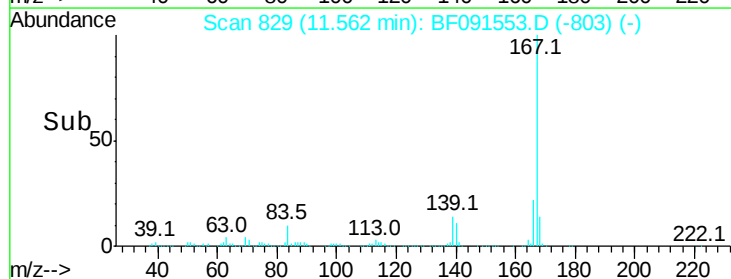
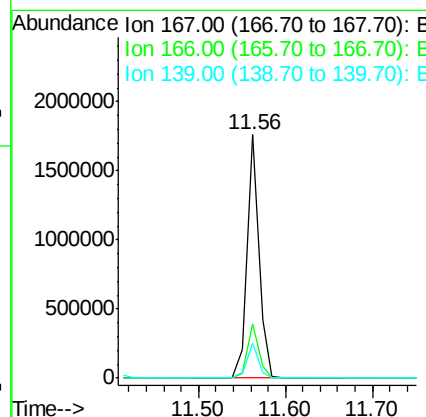
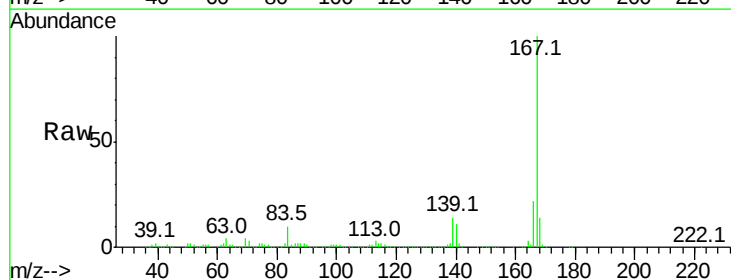
sohil
 12/14/2016 6:22:27 PM

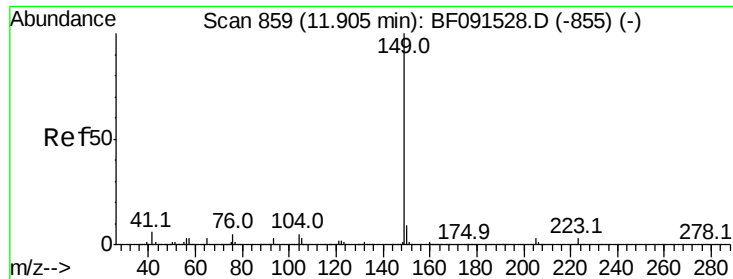


#72
 Carbazole
 Concen: 38.11 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091553.D
 Acq: 13 Dec 2016 14:55

Tgt Ion:167 Resp: 1664969

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	14.3	11.5	17.3





#73

Di-n-butylphthalate

Concen: 44.67 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMS

Tot Ion:149 Resp: 2273659

Ion Ratio Lower Upper

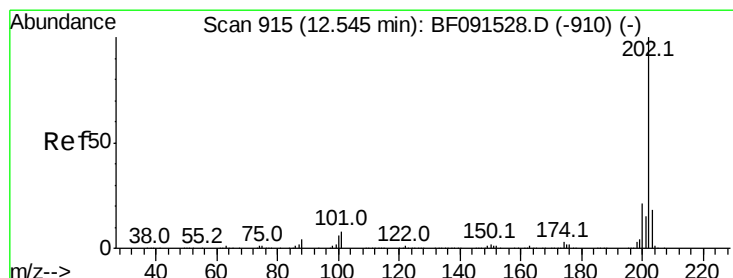
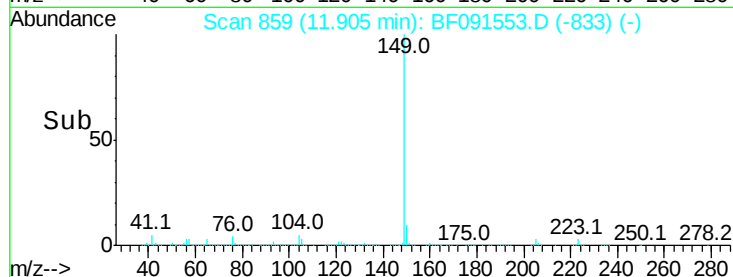
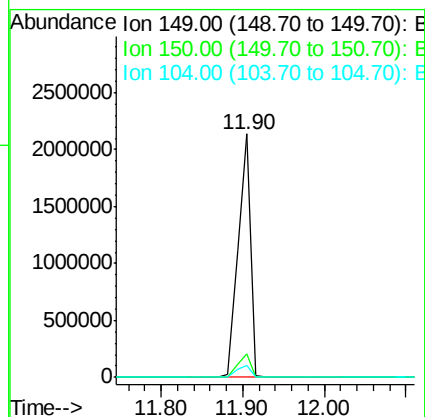
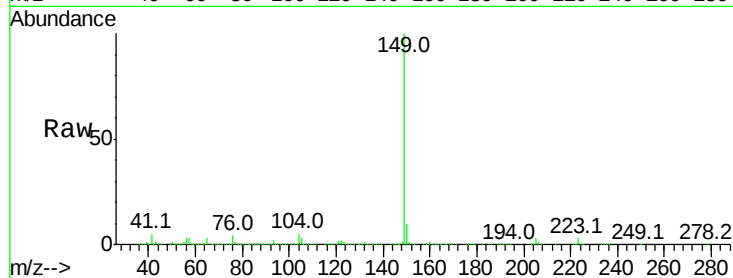
149 100

150 9.5 7.5 11.3

104 4.7 4.0 6.0

Manual Integrations
APPROVED

sohil
12/14/2016 6:22:27 PM



#74

Fluoranthene

Concen: 43.34 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

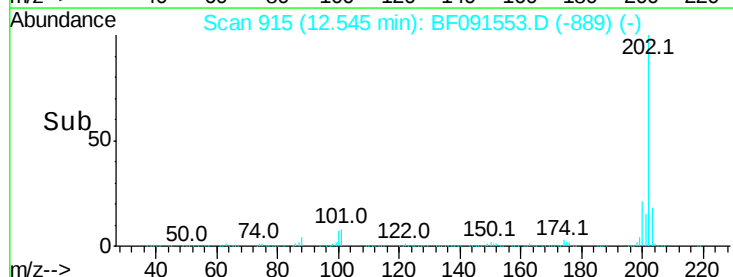
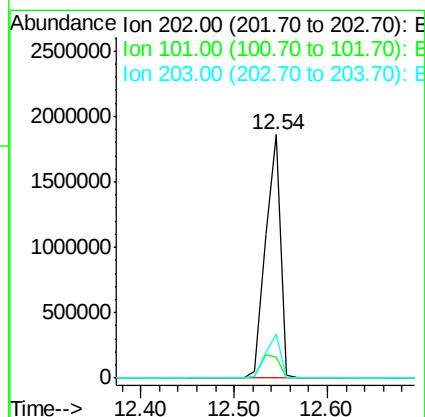
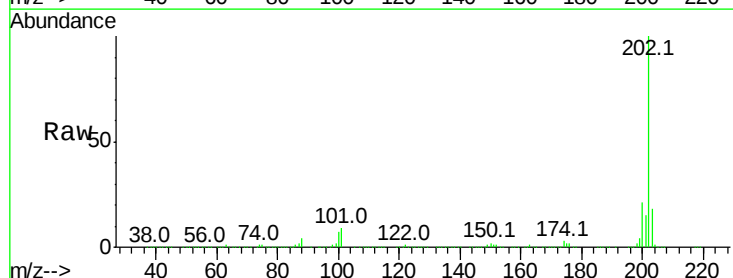
Tgt Ion:202 Resp: 2096808

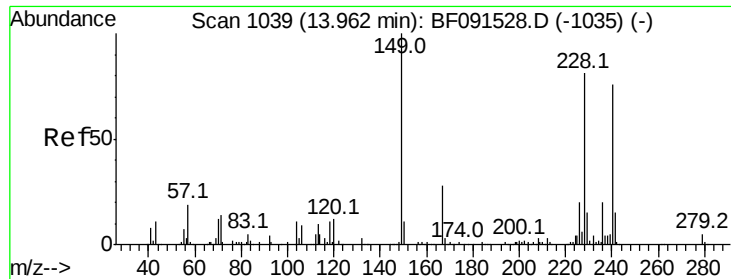
Ion Ratio Lower Upper

202 100

101 8.5 0.0 29.5

203 17.9 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

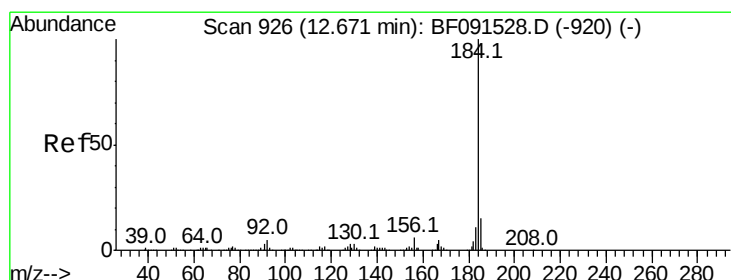
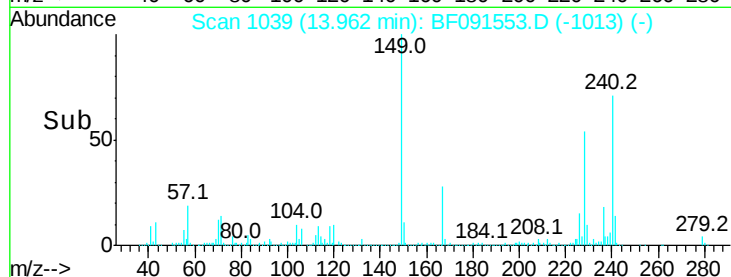
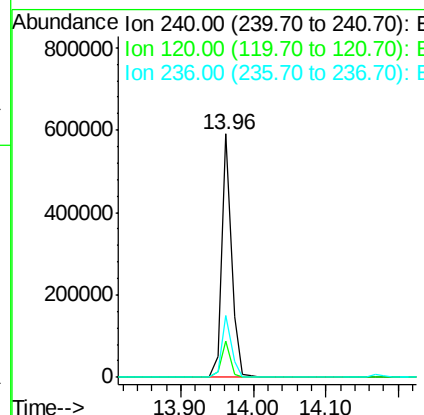
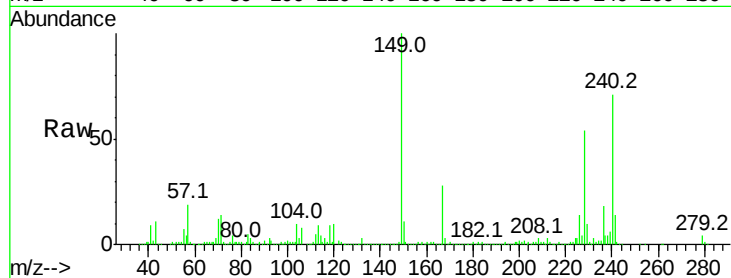
ClientSampleId :

SS08-0-2INMS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	556075		
120	14.6	12.1	18.1	
236	25.5	21.0	31.6	

Manual Integrations
APPROVED

sohil
12/14/2016 6:22:27 PM



#76

Benzidine

Concen: 14.47 ng

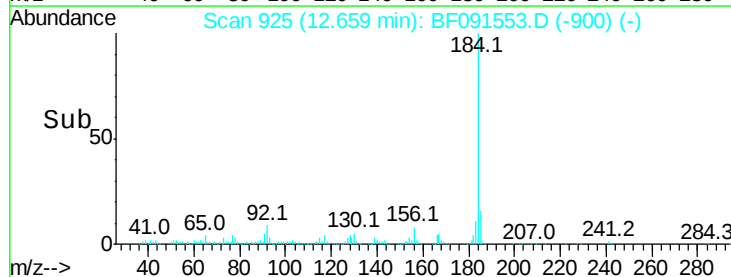
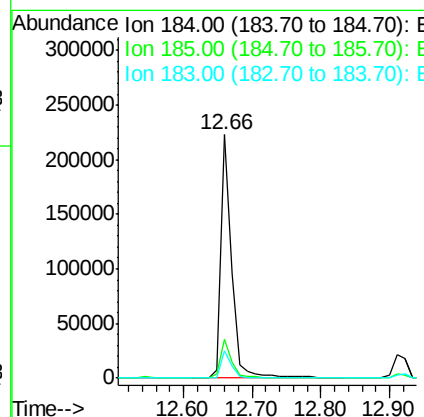
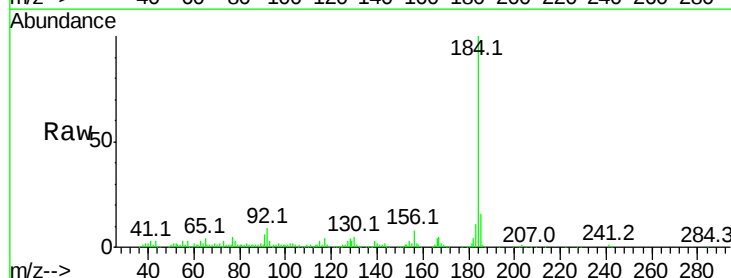
RT: 12.66 min Scan# 925

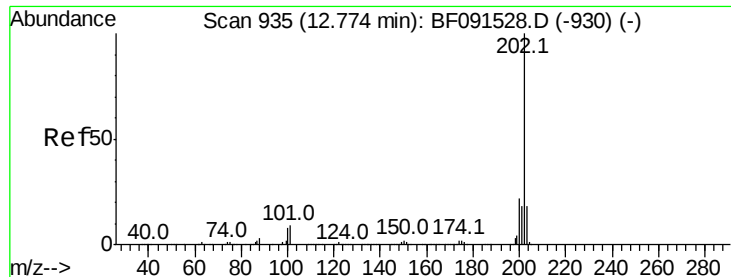
Delta R.T. -0.01 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	248778		
185	16.2	13.1	19.7	
183	11.0	8.9	13.3	





#77

Pvrene

Concen: 44.42 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMS

Tot Ion:202 Resp: 1959616

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

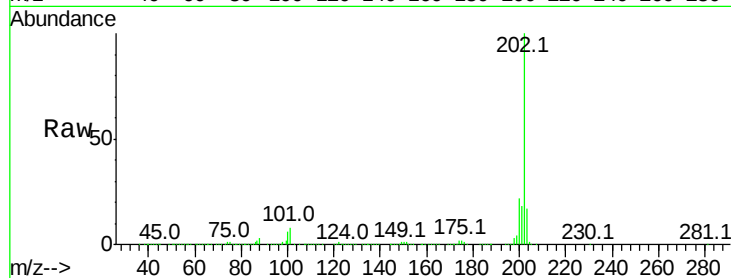
203 17.5 14.0 21.0

Manual Integrations

APPROVED

sohil

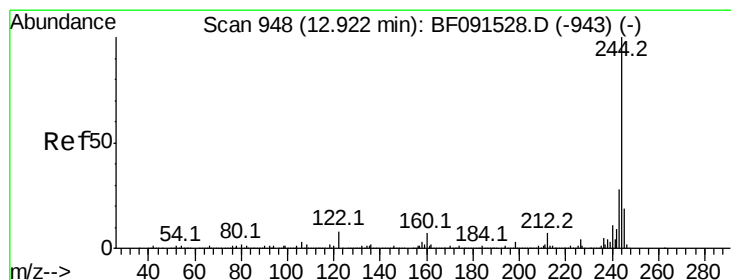
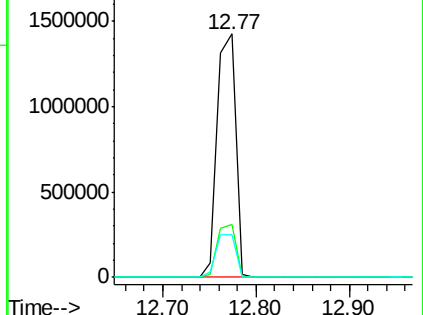
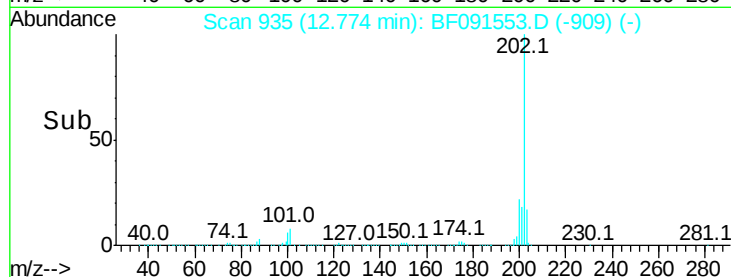
12/14/2016 6:22:27 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.26 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

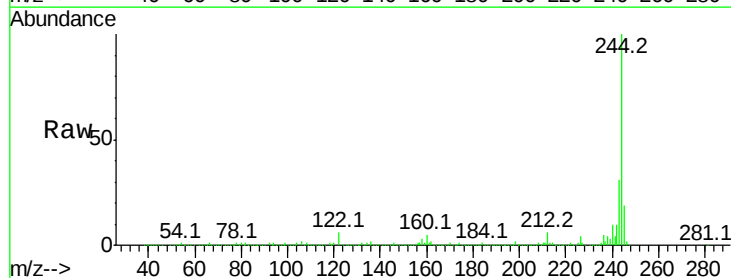
Tgt Ion:244 Resp: 2064735

Ion Ratio Lower Upper

244 100

212 6.2 6.5 9.7#

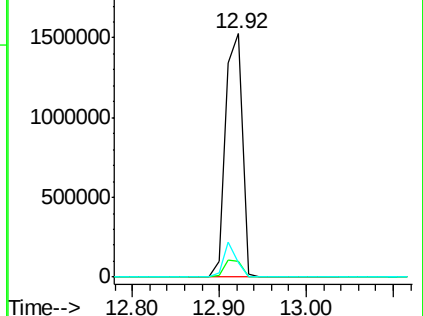
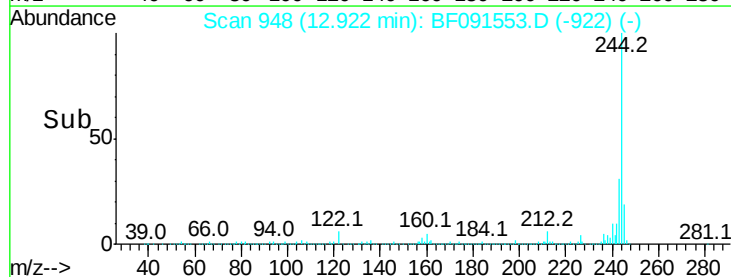
122 6.1 9.5 14.3#

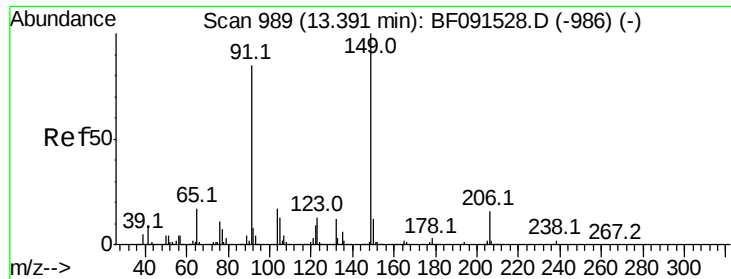


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





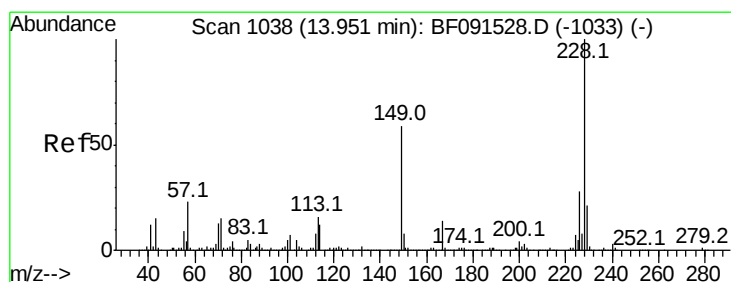
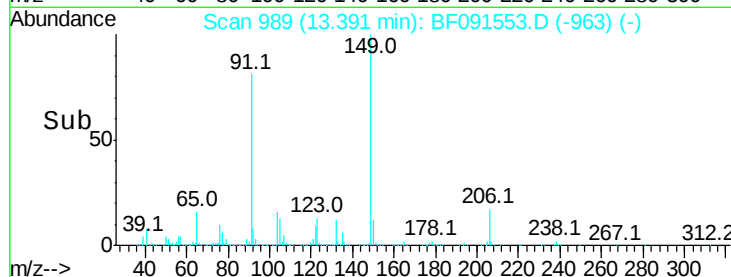
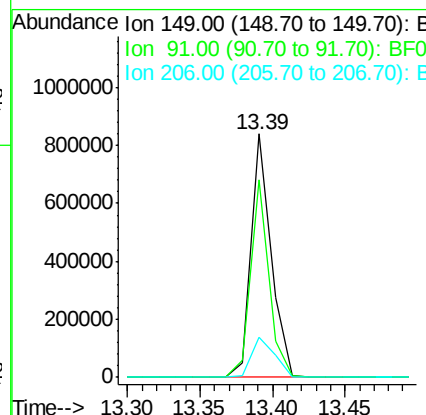
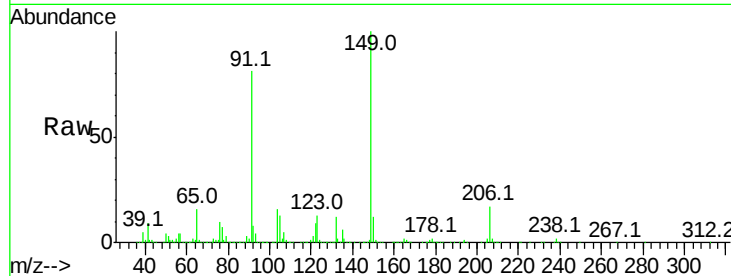
#79
Butylbenzylphthalate
Concen: 46.90 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.9	57.4	86.2
206	16.6	15.4	23.2

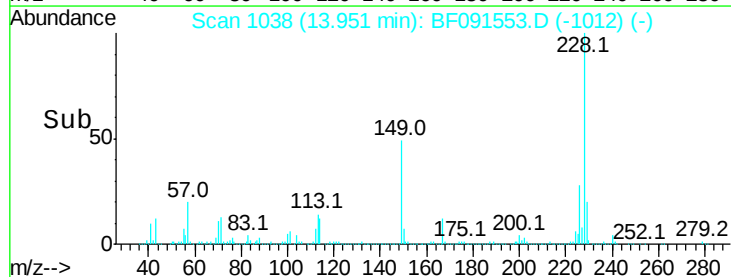
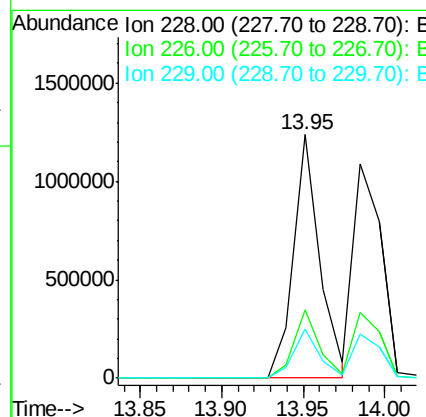
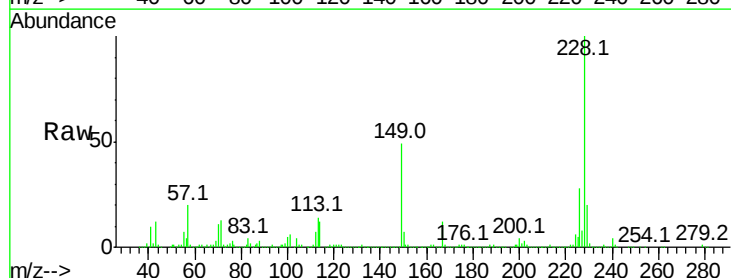
Manual Integrations
APPROVED

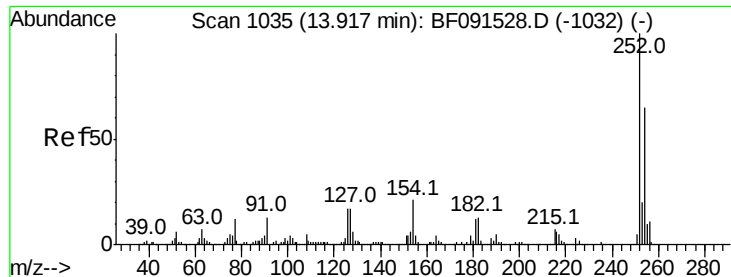
sohil
12/14/2016 6:22:27 PM



#80
Benzo(a)anthracene
Concen: 43.11 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.5	33.7
229	20.3	16.4	24.6





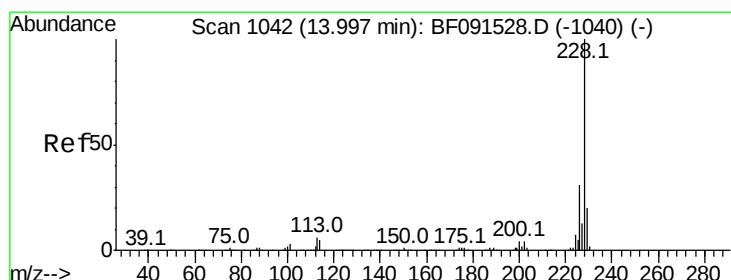
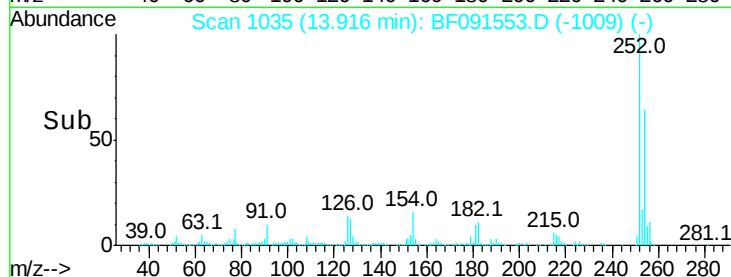
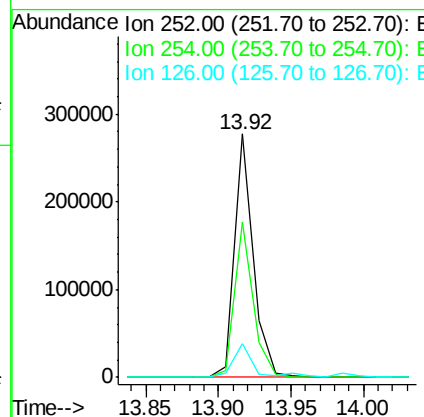
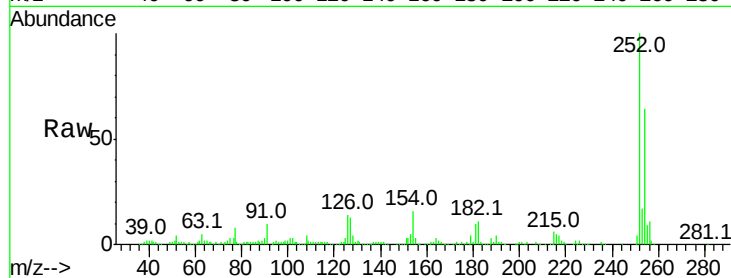
#81
 3,3'-Dichlorobenzidine
 Concen: 21.58 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF091553.D
 Acq: 13 Dec 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.8	52.1	78.1
126	13.6	7.5	11.3

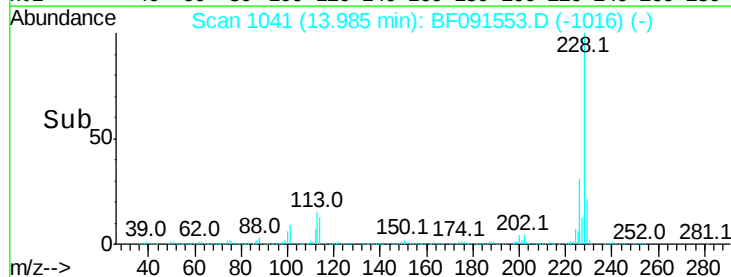
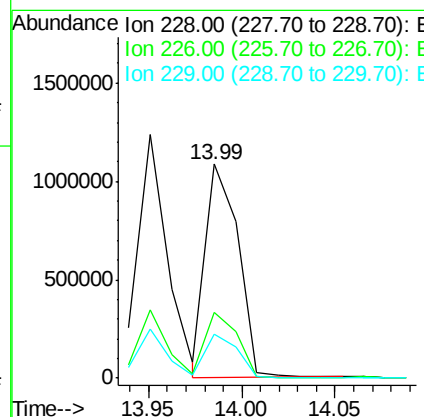
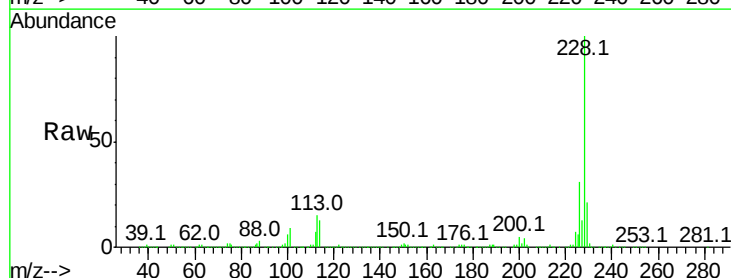
Manual Integrations
 APPROVED

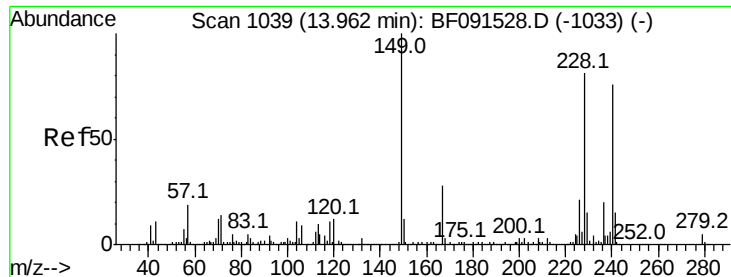
sohil
 12/14/2016 6:22:27 PM



#82
 Chrysene
 Concen: 38.94 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF091553.D
 Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	25.0	37.4
229	20.6	16.0	24.0





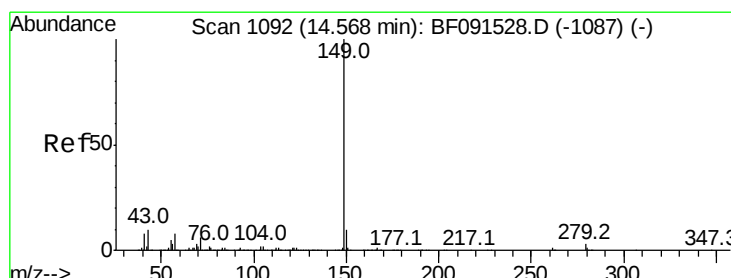
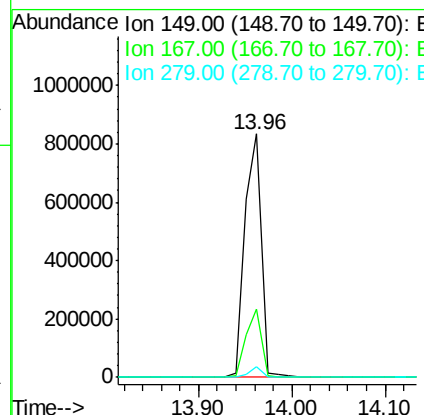
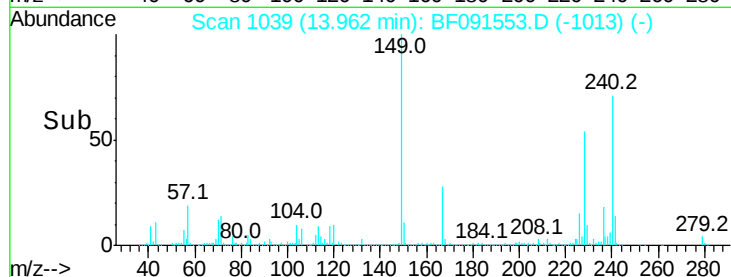
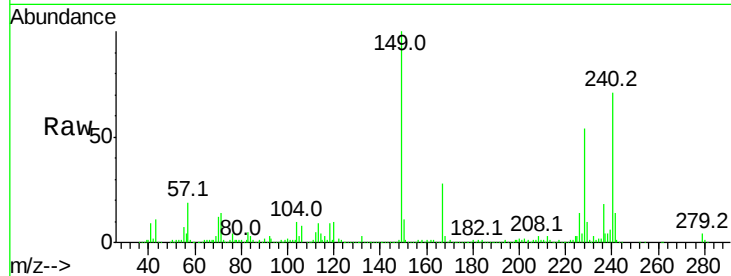
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.32 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF091553.D
 Acq: 13 Dec 2016 14:55

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMS

Tot Ion:149 Resp: 1022066
 Ion Ratio Lower Upper
 149 100
 167 28.0 19.6 29.4
 279 4.2 1.9 2.9#

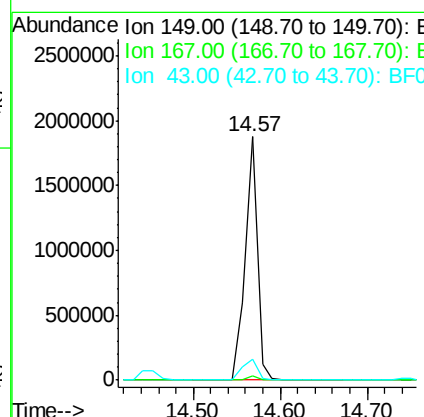
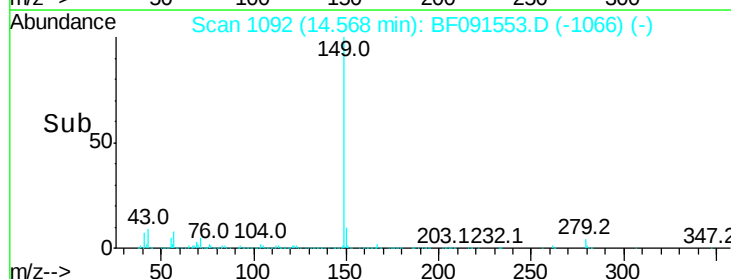
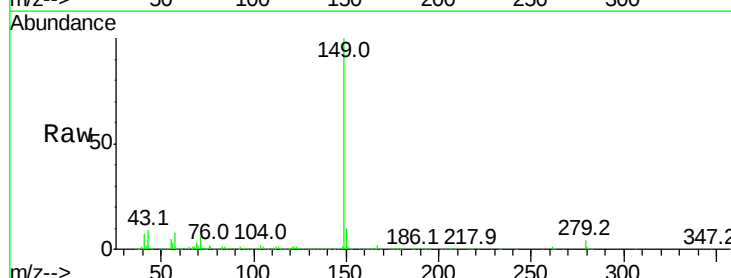
Manual Integrations
 APPROVED

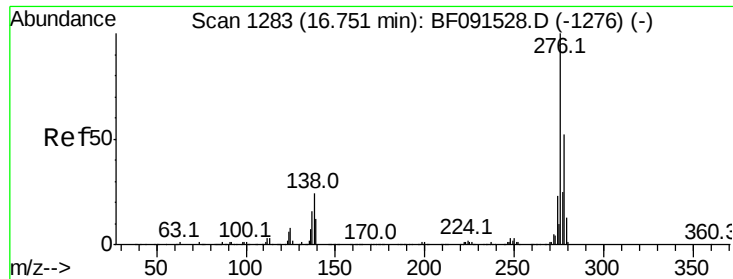
sohil
 12/14/2016 6:22:27 PM



#84
 Di-n-octyl phthalate
 Concen: 47.99 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: BF091553.D
 Acq: 13 Dec 2016 14:55

Tgt Ion:149 Resp: 1797332
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 10.4 11.9 17.9#





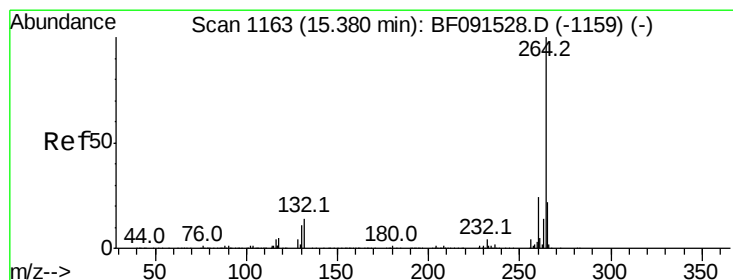
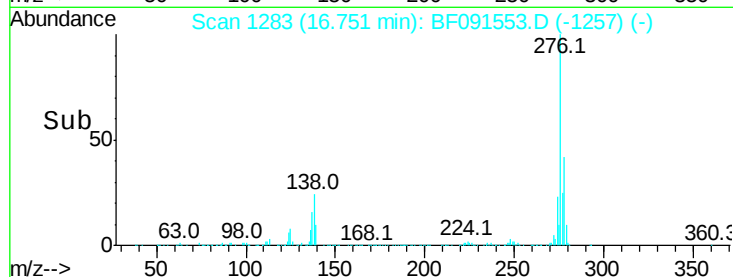
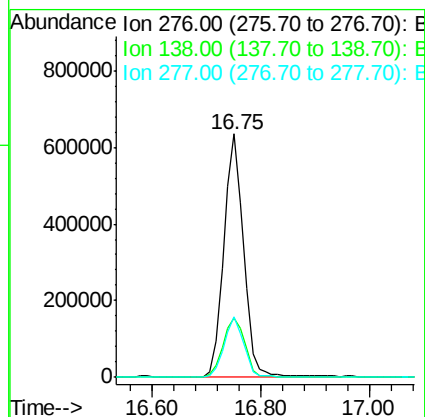
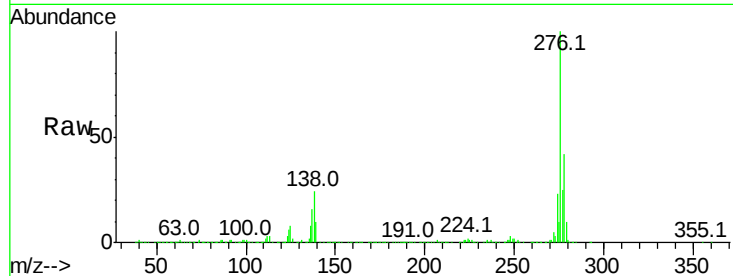
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.10 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.0	31.4
277	25.2	20.2	30.2

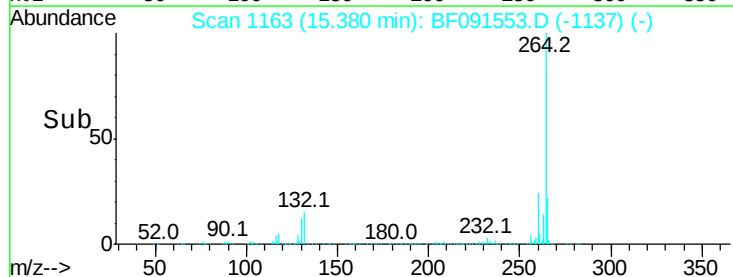
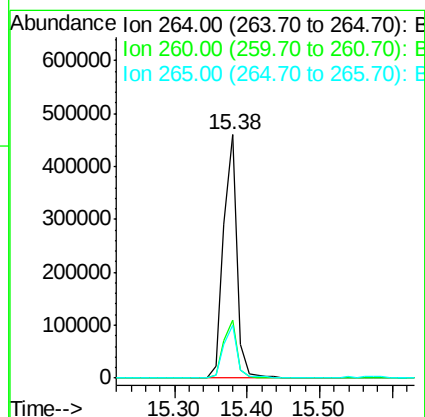
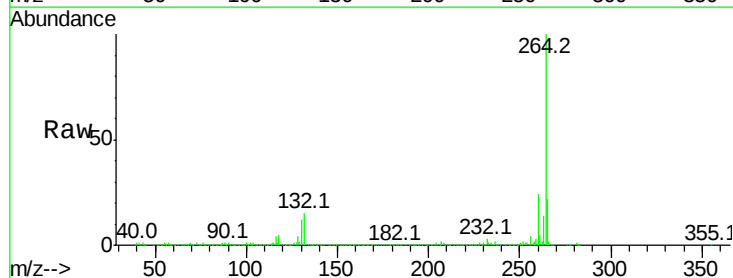
Manual Integrations
APPROVED

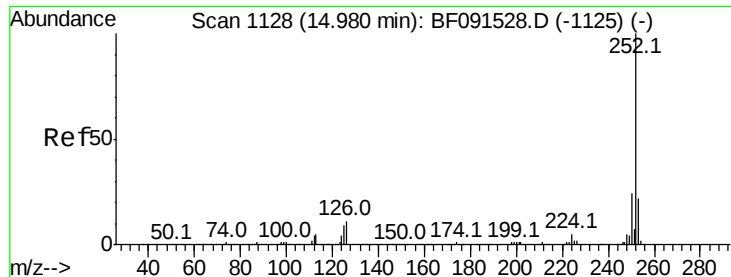
sohil
12/14/2016 6:22:27 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.7	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 43.84 ng m

RT: 14.98 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :
BNA_F

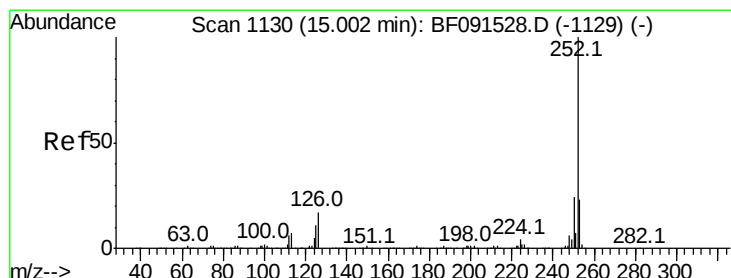
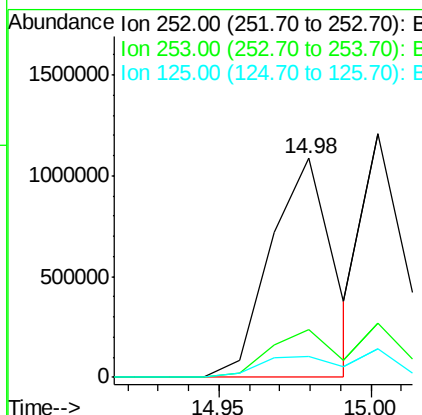
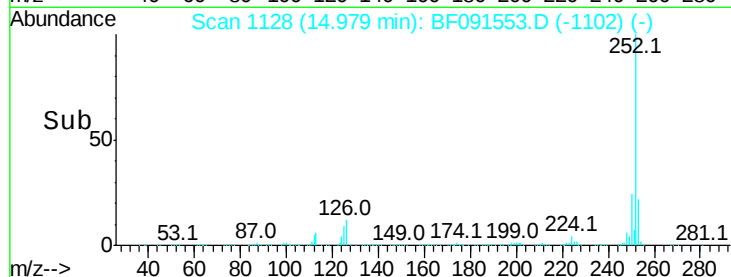
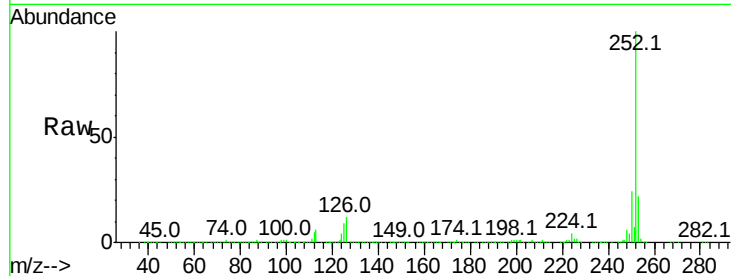
ClientSampleId :
SS08-0-2INMS

Tot Ion:252 Resp: 1558123

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.3	8.6	13.0

Manual Integrations
APPROVED

sohil
12/14/2016 6:22:27 PM



#88

Benzo(k)fluoranthene

Concen: 37.36 ng m

RT: 15.00 min Scan# 1130

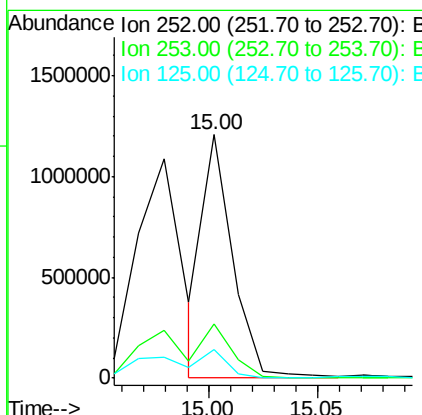
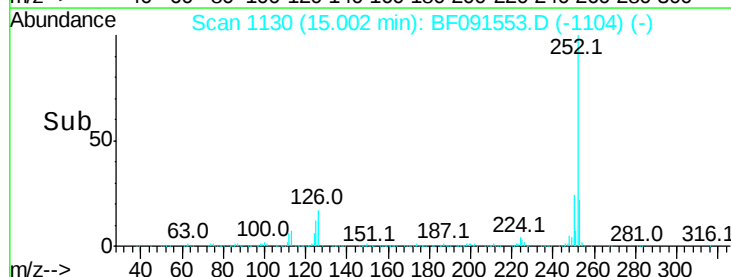
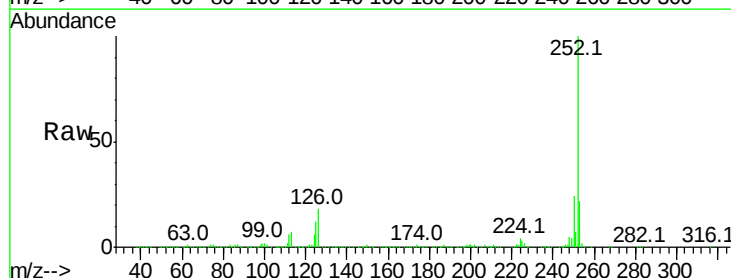
Delta R.T. -0.00 min

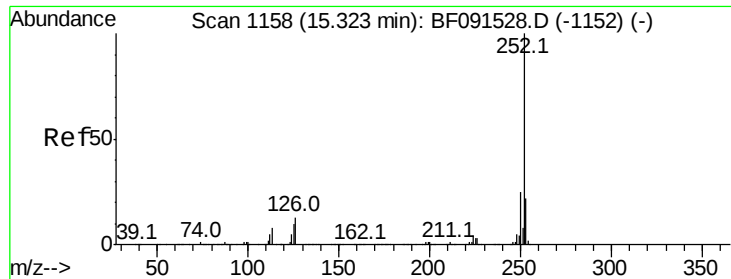
Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Tgt Ion:252 Resp: 1167506

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.9	9.6	14.4





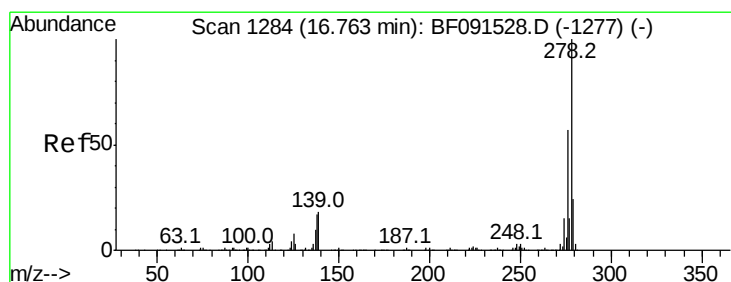
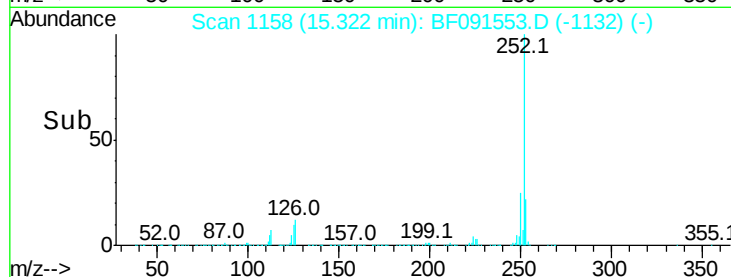
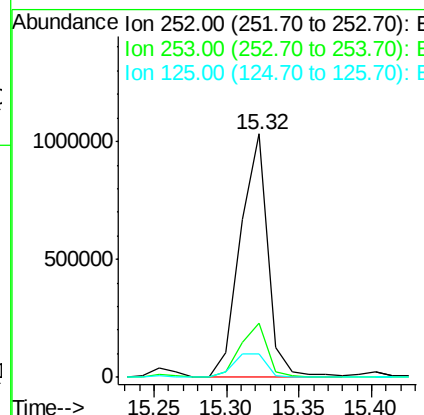
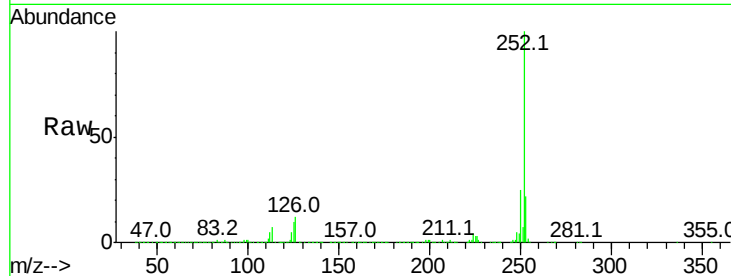
#89
Benzo(a)pyrene
Concen: 41.99 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	9.6	10.4	15.6

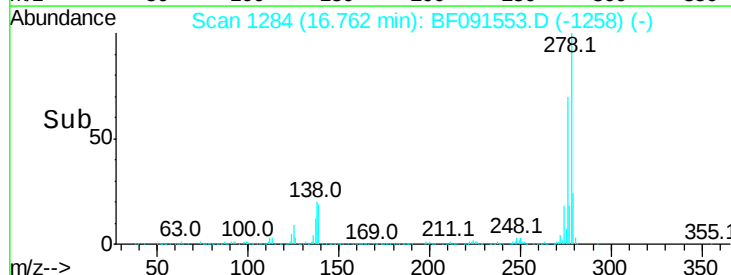
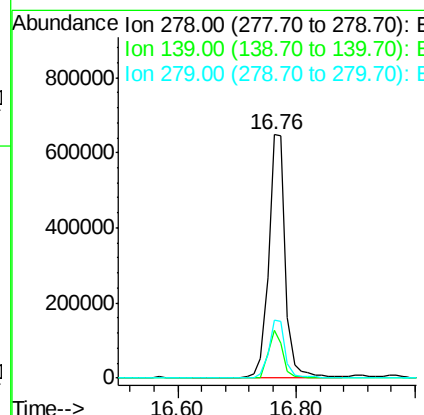
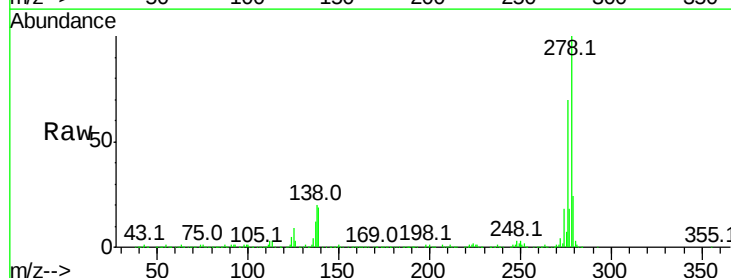
Manual Integrations
APPROVED

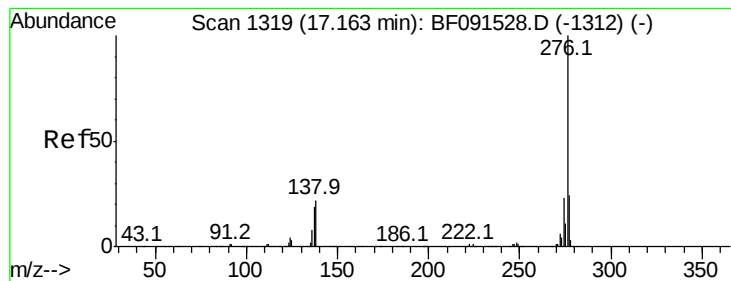
sohil
12/14/2016 6:22:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.17 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF091553.D
Acq: 13 Dec 2016 14:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.1	22.7
279	23.7	19.0	28.6





#91

Benzo(a,h,i)perylene

Concen: 48.16 ng

RT: 17.16 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF091553.D

Acq: 13 Dec 2016 14:55

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMS

Tot Ion: 276 Resp: 1405801

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 24.2 15.4 23.0#

Manual Integrations

APPROVED

sohil

12/14/2016 6:22:27 PM

