

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101716\
 Data File : BF090605.D
 Acq On : 17 Oct 2016 14:10
 Operator : UM/SJ
 Sample : SSTDCCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

Manual Integrations
 APPROVED

SOHIL
 10/18/2016 6:05:33 PM

Quant Time: Oct 17 16:29:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 15:58:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	214335	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	912126	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	467192	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	760027	20.00	ng	0.00
75) Chrysene-d12	14.09	240	642374	20.00	ng	0.00
86) Perylene-d12	15.54	264	354689	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1111429	95.06	ng	0.01
7) Phenol-d6	6.54	99	1445218	83.19	ng	0.00
23) Nitrobenzene-d5	7.48	82	1365501	83.16	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	375052	90.04	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	2041486	72.00	ng	0.00
78) Terphenyl-d14	13.04	244	2279085	82.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	274264	41.16	ng	93
3) Pyridine	3.27	79	688695	46.11	ng	91
4) n-Nitrosodimethylamine	3.23	42	200768	39.12	ng	80
6) Aniline	6.58	93	832540	39.66	ng	# 87
8) 2-Chlorophenol	6.69	128	603060	39.78	ng	98
9) Benzaldehyde	6.45	77	388768	35.20	ng	92
10) Phenol	6.57	94	762514	38.38	ng	# 75
11) bis(2-Chloroethyl)ether	6.65	93	664204	40.52	ng	99
12) 1,3-Dichlorobenzene	6.85	146	630932	41.73	ng	98
13) 1,4-Dichlorobenzene	6.93	146	632452	38.46	ng	97
14) 1,2-Dichlorobenzene	7.08	146	630607	41.02	ng	98
15) Benzyl Alcohol	7.06	79	546228	46.16	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	973603	42.20	ng	95
17) 2-Methylphenol	7.17	107	507777	42.98	ng	96
18) Hexachloroethane	7.42	117	253951	39.08	ng	98
19) n-Nitroso-di-n-propylamine	7.33	70	514016	43.15	ng	# 87
20) 3+4-Methylphenols	7.32	107	587990	41.05	ng	93
22) Acetophenone	7.32	105	794868	39.45	ng	# 96
24) Nitrobenzene	7.49	77	669931	39.75	ng	99
25) Isophorone	7.73	82	1207419	40.40	ng	99
26) 2-Nitrophenol	7.81	139	324989	42.51	ng	98
27) 2,4-Dimethylphenol	7.86	122	545778	43.02	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	732023	41.48	ng	100
29) 2,4-Dichlorophenol	8.06	162	428308	38.54	ng	96
30) 1,2,4-Trichlorobenzene	8.14	180	528232	40.59	ng	100
31) Naphthalene	8.22	128	1788899	38.50	ng	99
32) Benzoic acid	8.01	122	369947	47.48	ng	98
33) 4-Chloroaniline	8.27	127	641220	36.11	ng	99
34) Hexachlorobutadiene	8.34	225	279830	38.48	ng	99
35) Caprolactam	8.66	113	149504m	48.21	ng	
36) 4-Chloro-3-methylphenol	8.75	107	507770	39.60	ng	98
37) 2-Methylnaphthalene	8.91	142	1047830	38.40	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	522864	42.21	ng	98
40) Hexachlorocyclopentadiene	9.07	237	251323	41.53	ng	99

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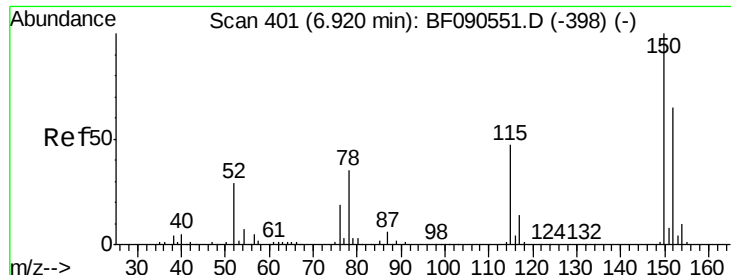
Manual Integrations
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SOHIL
 10/18/2016 6:05:33 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	322150	46.11	nq	100
43) 2,4,5-Trichlorophenol	9.23	196	322245	38.66	nq	98
45) 1,1'-Biphenyl	9.38	154	1411821	39.71	nq	99
46) 2-Chloronaphthalene	9.40	162	1034967	39.04	nq	100
47) 2-Nitroaniline	9.50	65	393138	40.91	nq	87
48) Acenaphthylene	9.82	152	1636818	38.78	nq	98
49) Dimethylphthalate	9.67	163	1161873	38.33	nq	100
50) 2,6-Dinitrotoluene	9.74	165	285897	43.10	nq	98
51) Acenaphthene	9.99	154	1156203	41.21	nq	99
52) 3-Nitroaniline	9.91	138	326205	39.19	nq	96
53) 2,4-Dinitrophenol	10.02	184	148044	43.87	nq	# 71
54) Dibenzofuran	10.17	168	1423455	38.57	nq	99
55) 4-Nitrophenol	10.07	139	203228	40.57	nq	96
56) 2,4-Dinitrotoluene	10.14	165	375040	41.63	nq	98
57) Fluorene	10.51	166	1215945	39.94	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	297588	42.87	nq	98
59) Diethylphthalate	10.38	149	1277986	41.57	nq	94
60) 4-Chlorophenyl-phenylether	10.50	204	588386	41.00	nq	99
61) 4-Nitroaniline	10.53	138	342517	41.04	nq	99
62) Azobenzene	10.66	77	1462749	41.13	nq	99
64) 4,6-Dinitro-2-methylphenol	10.55	198	209095	45.46	nq	96
65) n-Nitrosodiphenylamine	10.62	169	954339	38.01	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	310437	38.07	nq	97
67) Hexachlorobenzene	11.06	284	371743	41.99	nq	# 67
68) Atrazine	11.15	200	288861	41.60	nq	98
69) Pentachlorophenol	11.25	266	195739	44.60	nq	99
70) Phenanthrene	11.47	178	1677453	41.35	nq	99
71) Anthracene	11.52	178	1654189	37.88	nq	100
72) Carbazole	11.68	167	1591655	40.72	nq	99
73) Di-n-butylphthalate	12.01	149	2042169	44.60	nq	# 98
74) Fluoranthene	12.66	202	1720431	42.16	nq	99
76) Benzdine	12.78	184	512058	32.04	nq	97
77) Pyrene	12.89	202	1770380	41.61	nq	99
79) Butylbenzylphthalate	13.50	149	835485	44.32	nq	94
80) Benzo(a)anthracene	14.08	228	1462316	39.99	nq	99
81) 3,3'-Dichlorobenzidine	14.04	252	498493	39.90	nq	100
82) Chrysene	14.11	228	1302093	36.95	nq	100
83) Bis(2-ethylhexyl)phthalate	14.06	149	1316986	51.79	nq	99
84) Di-n-octyl phthalate	14.68	149	1400775	41.08	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.99	276	858356	42.13	nq	98
87) Benzo(b)fluoranthene	15.12	252	1079803m	46.52	nq	
88) Benzo(k)fluoranthene	15.15	252	865843m	34.67	nq	
89) Benzo(a)pyrene	15.48	252	844210	39.73	nq	98
90) Dibenzo(a,h)anthracene	17.01	278	756911	46.71	nq	97
91) Benzo(g,h,i)perylene	17.42	276	722011	46.73	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.91 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

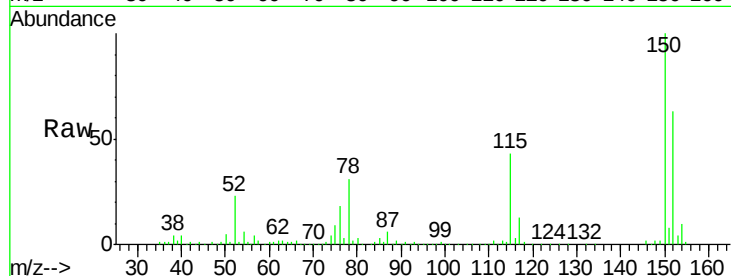
ClientSampleId :

SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.2	190.8
115	67.7	58.6	88.0

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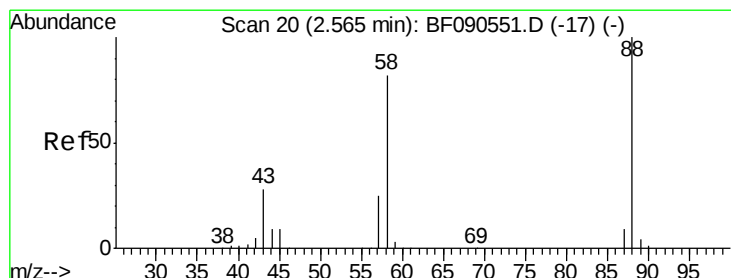
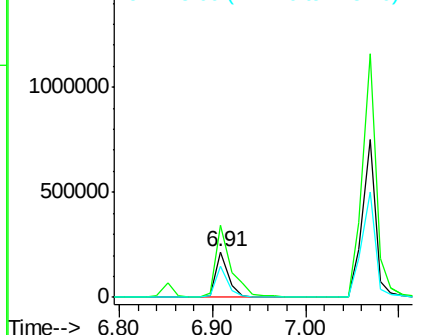
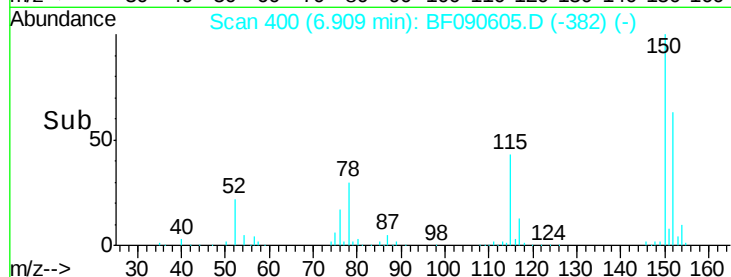


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.16 ng

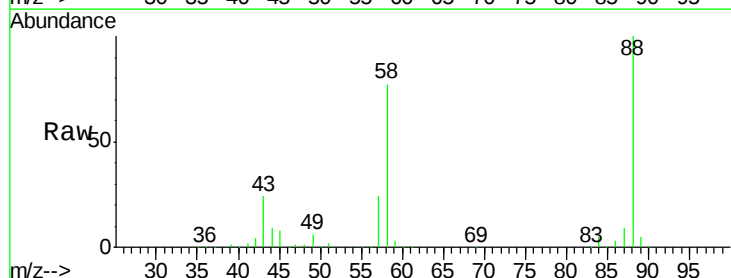
RT: 2.53 min Scan# 17

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	67.2	100.8
43	25.7	24.1	36.1

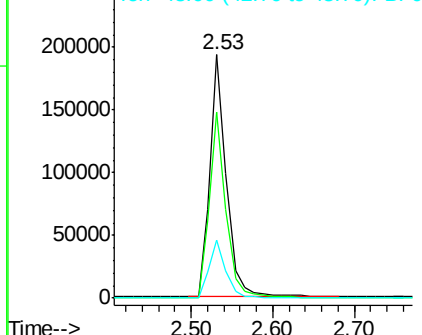
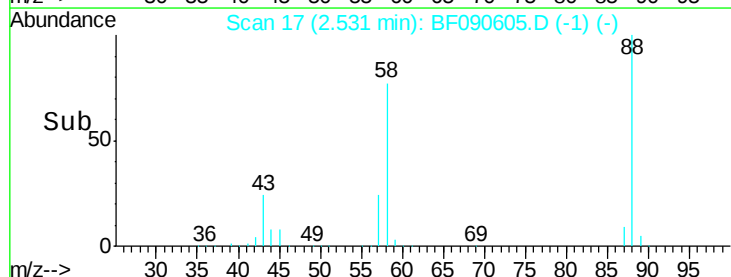


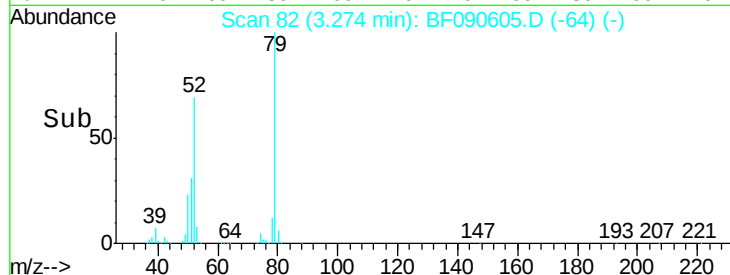
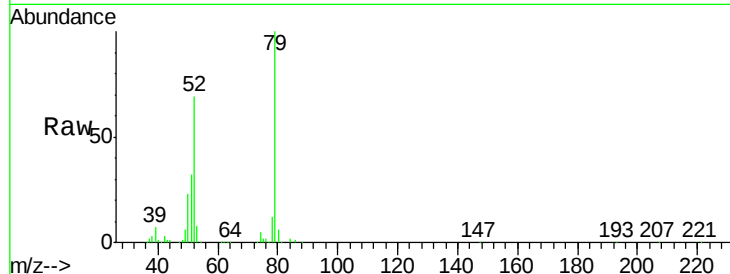
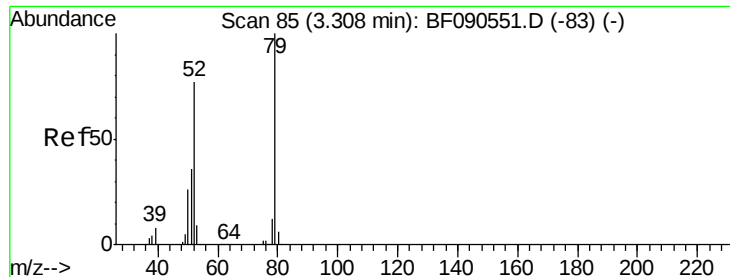
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





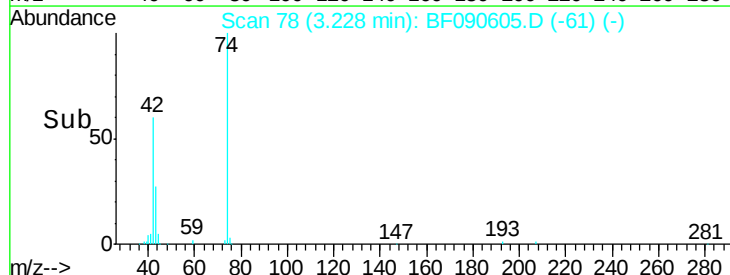
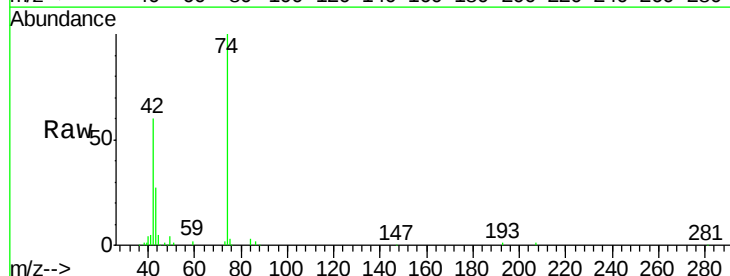
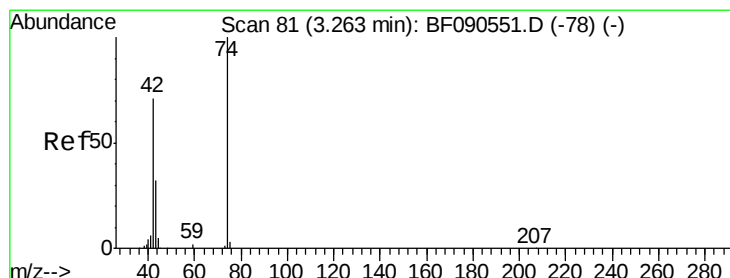
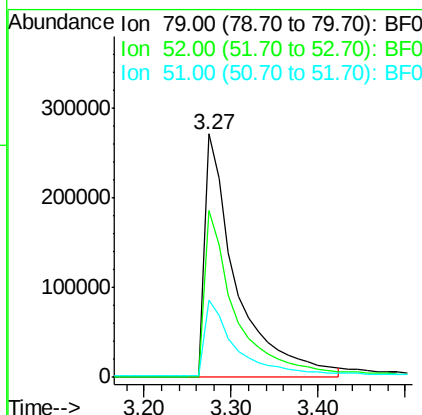
#3
Pvridine
Concen: 46.11 ng
RT: 3.27 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.7	61.8	92.8
51	31.9	29.2	43.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

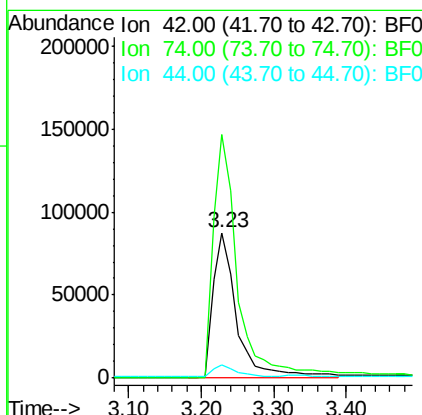
Manual Integrations
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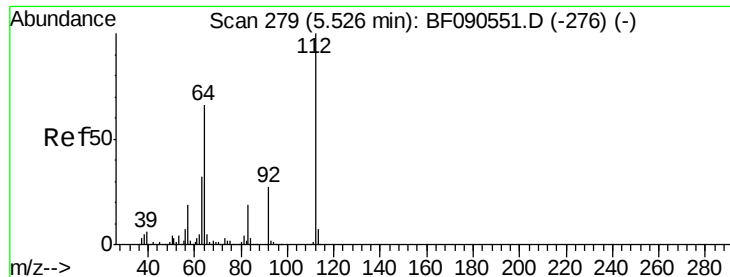
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#4
n-Nitrosodimethylamine
Concen: 39.12 ng
RT: 3.23 min Scan# 78
Delta R.T. -0.01 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	167.4	113.3	169.9
44	8.9	6.0	9.0





#5

2-Fluorophenol

Concen: 95.06 ng

RT: 5.51 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:112 Resp: 1111429

Ion Ratio Lower Upper

112 100

64 54.1 52.6 78.8

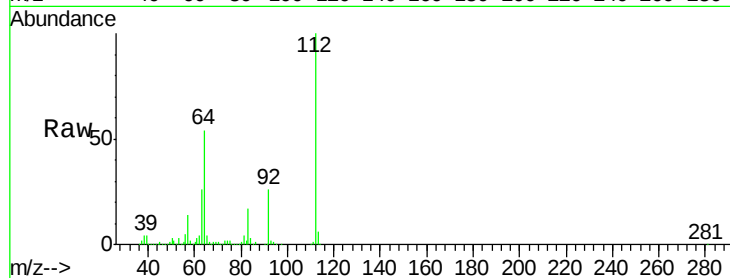
63 26.2 26.0 39.0

Manual Integrations

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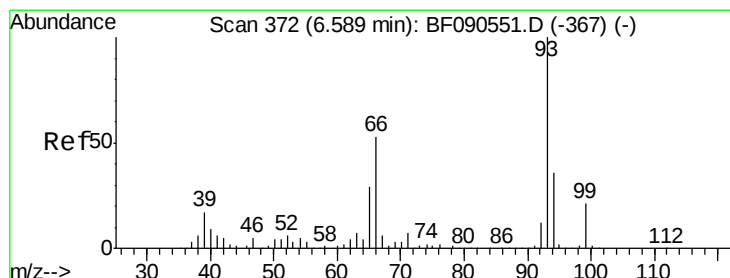
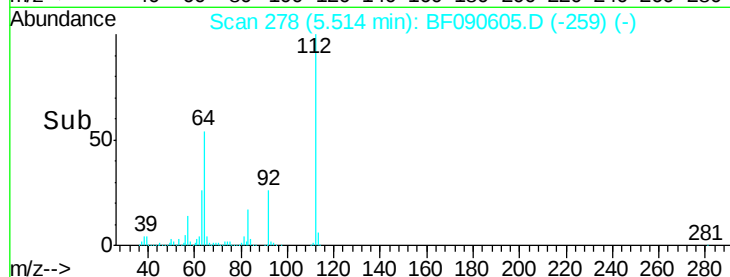
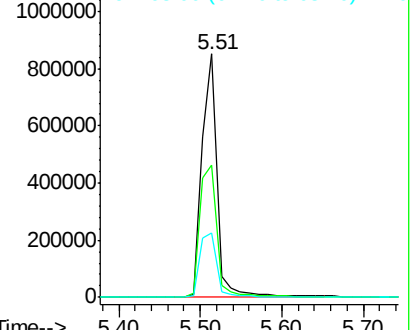
10/18/2016 6:05:33 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.66 ng

RT: 6.58 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

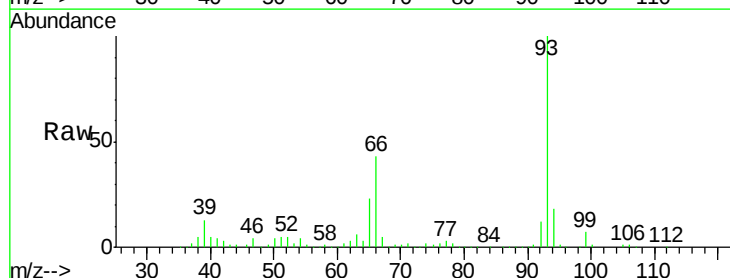
Tgt Ion: 93 Resp: 832540

Ion Ratio Lower Upper

93 100

66 43.3 42.2 63.2

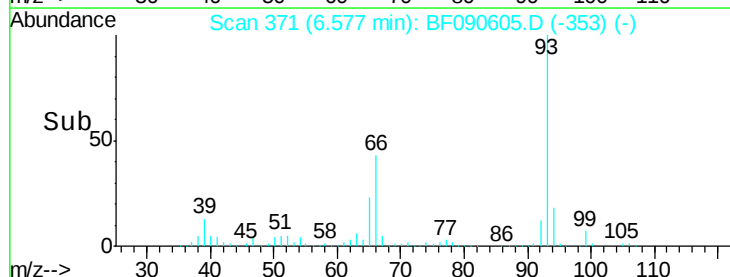
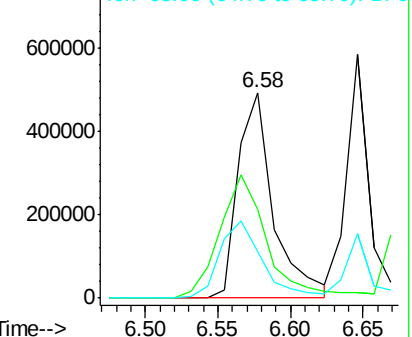
65 22.5 22.9 34.3#

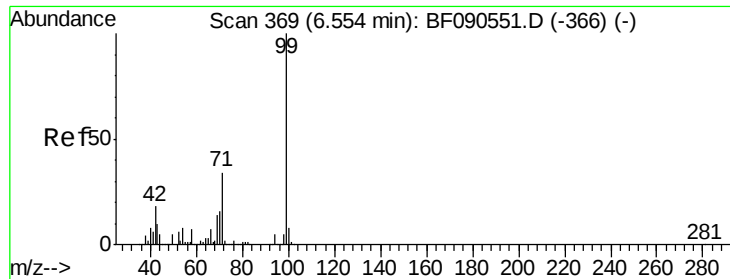


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.19 ng

RT: 6.54 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion: 99 Resp: 1445218

Ion Ratio Lower Upper

99 100

42 17.4 14.7 22.1

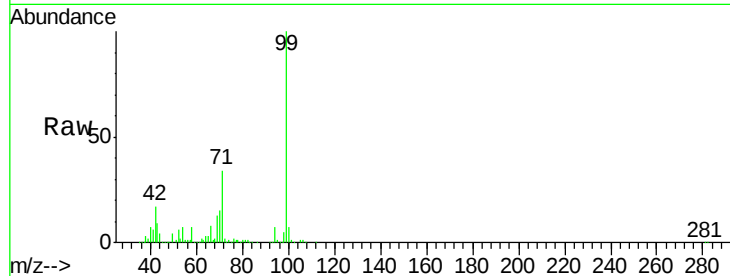
71 33.9 27.6 41.4

Manual Integrations

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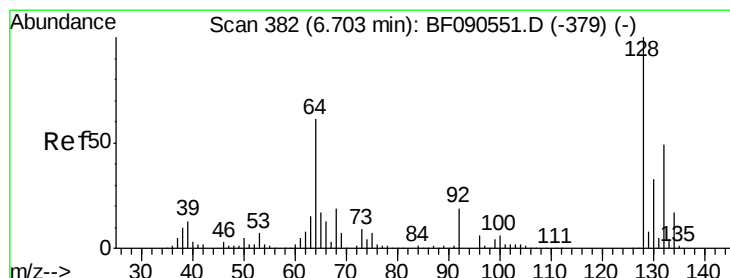
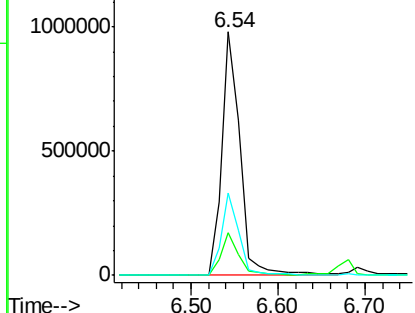
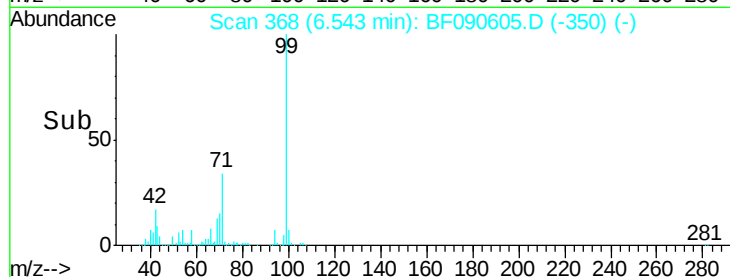
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.78 ng

RT: 6.69 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

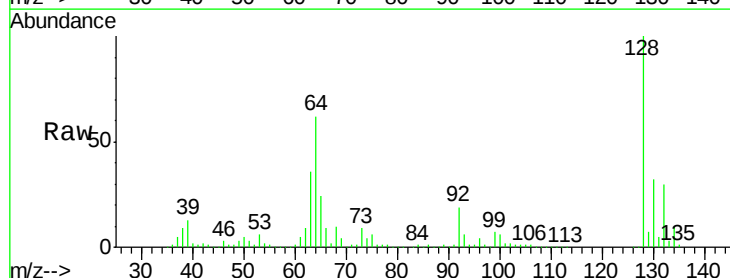
Tgt Ion: 128 Resp: 603060

Ion Ratio Lower Upper

128 100

130 31.6 12.6 52.6

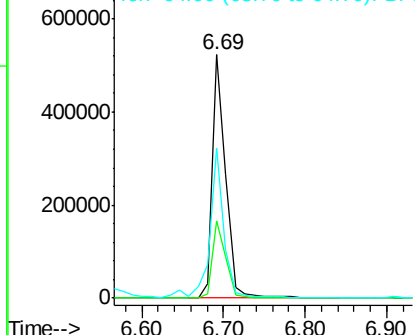
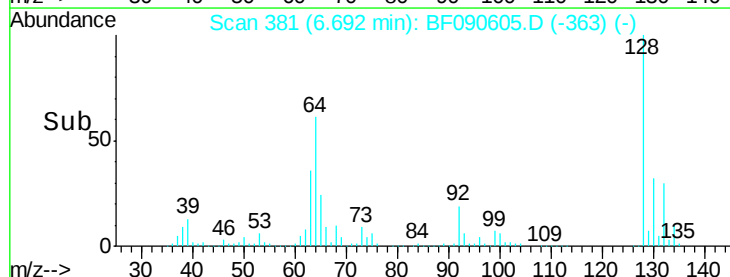
64 61.5 42.6 82.6

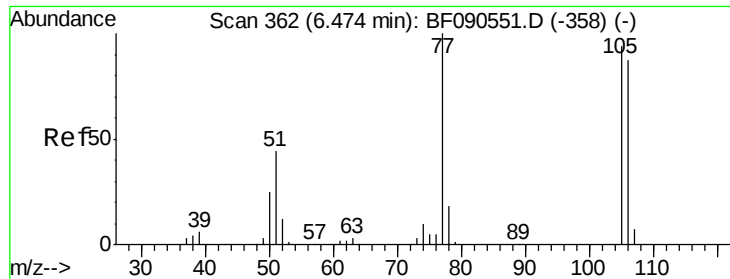


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.20 ng

RT: 6.45 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion: 77 Resp: 388768

Ion Ratio Lower Upper

77 100

105 85.6 74.3 114.3

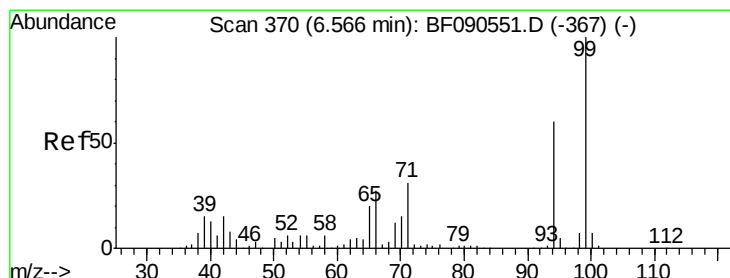
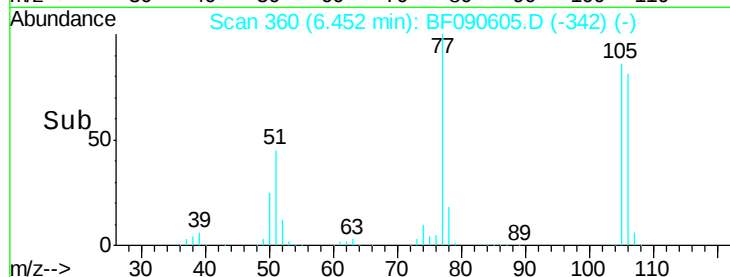
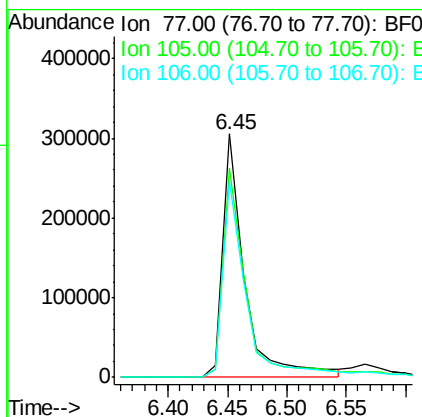
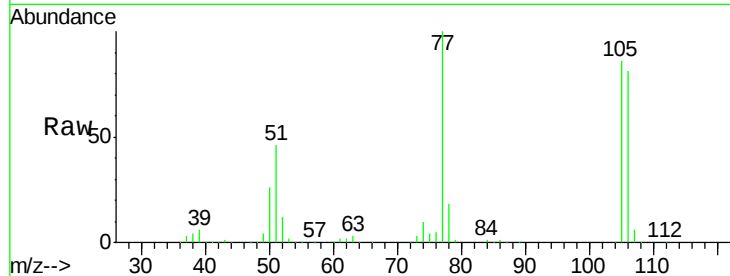
106 80.5 67.2 107.2

Manual Integrations

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#10

Phenol

Concen: 38.38 ng

RT: 6.57 min Scan# 370

Delta R.T. 0.01 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

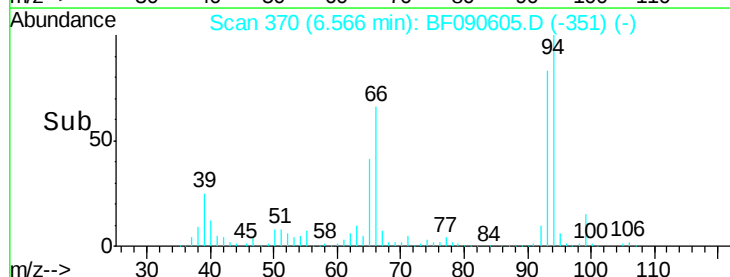
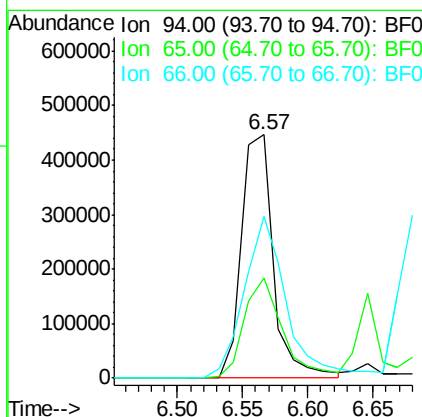
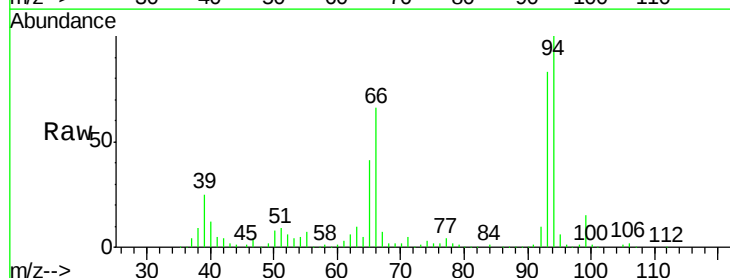
Tgt Ion: 94 Resp: 762514

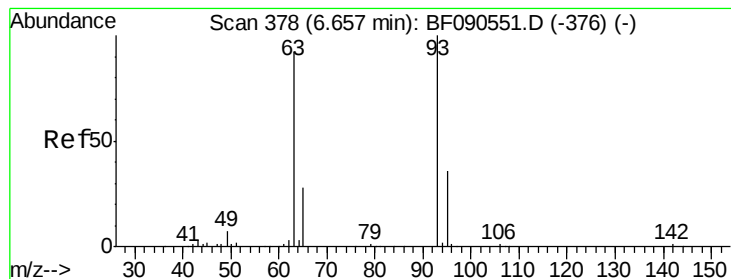
Ion Ratio Lower Upper

94 100

65 41.3 12.5 52.5

66 66.4 25.5 65.5#





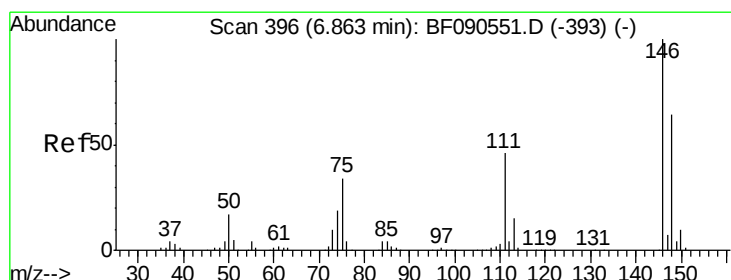
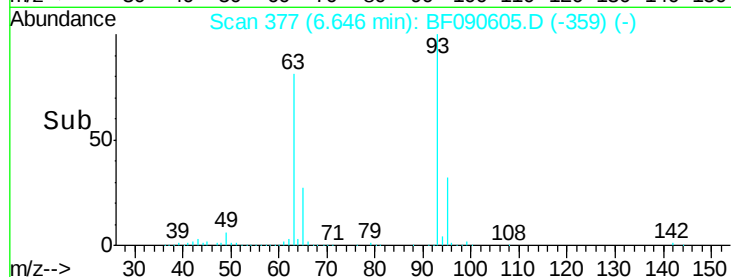
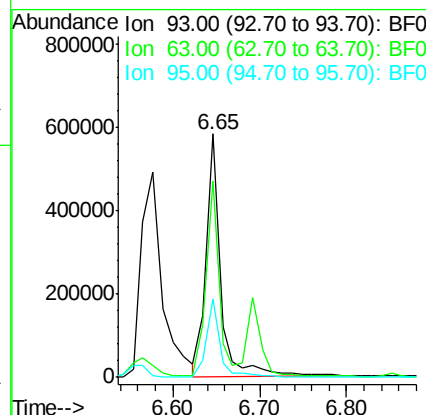
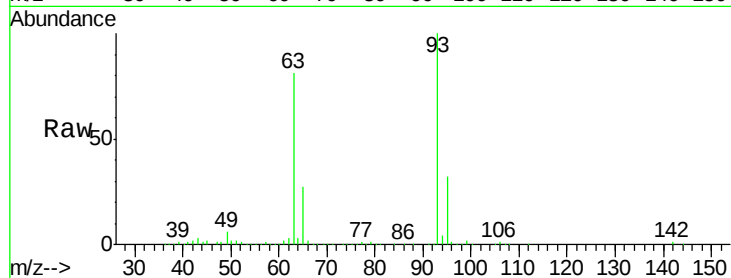
#11
bis(2-Chloroethyl)ether
Concen: 40.52 ng
RT: 6.65 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	61.6	101.6
95	32.4	11.8	51.8

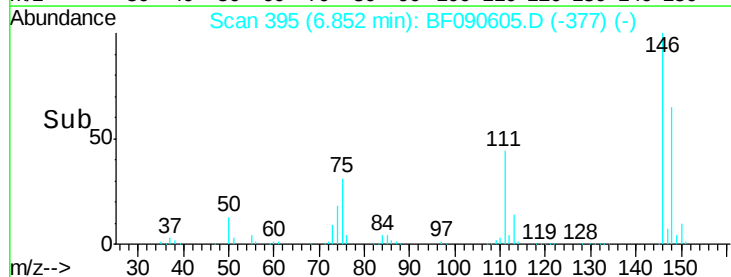
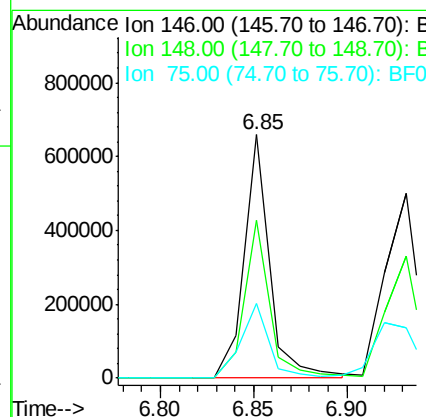
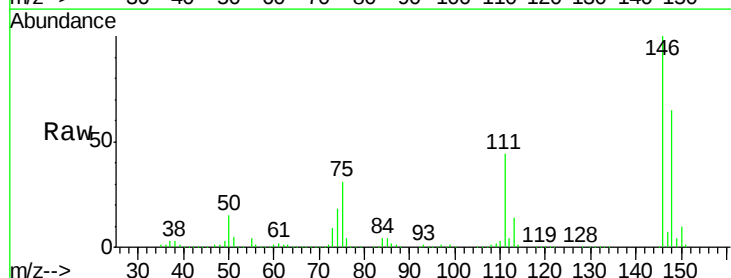
Manual Integrations
APPROVED

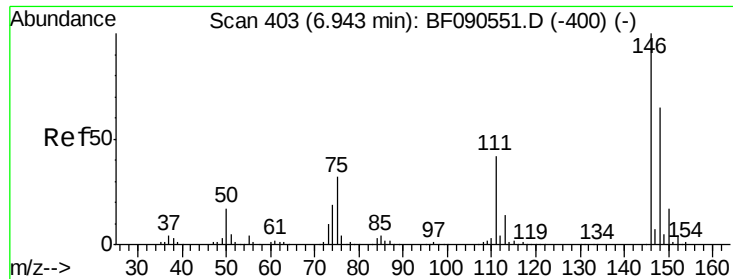
SOHIL
10/18/2016 6:05:33 PM



#12
1,3-Dichlorobenzene
Concen: 41.73 ng
RT: 6.85 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
75	30.8	27.0	40.6





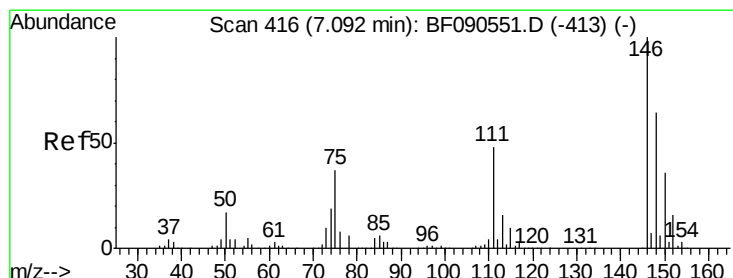
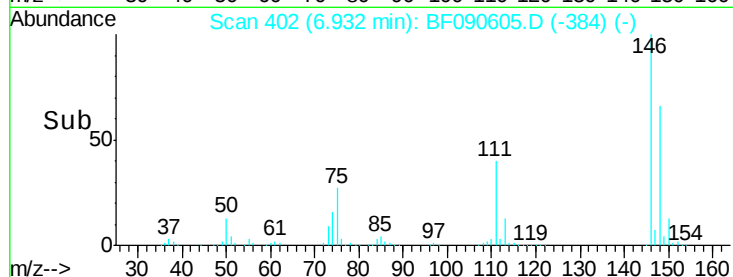
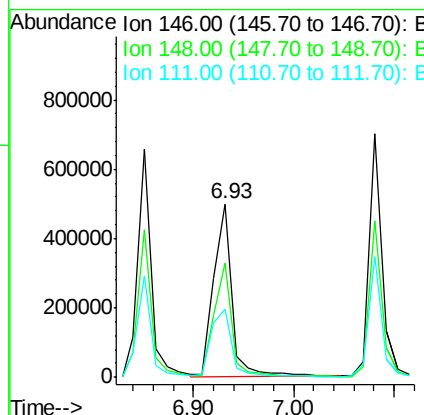
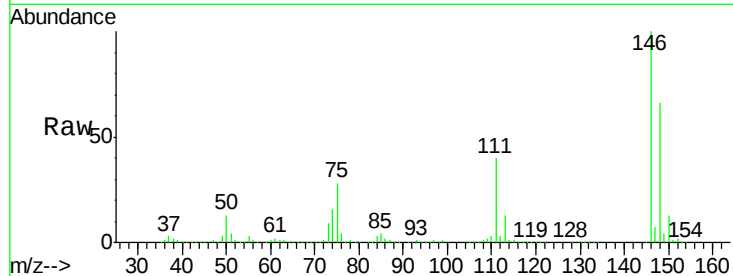
#13
 1,4-Dichlorobenzene
 Concen: 38.46 ng
 RT: 6.93 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.9	77.9
111	39.5	33.7	50.5

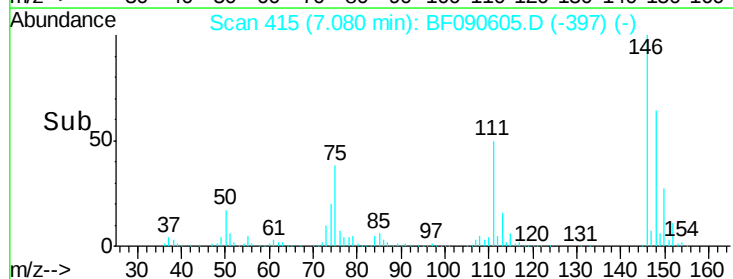
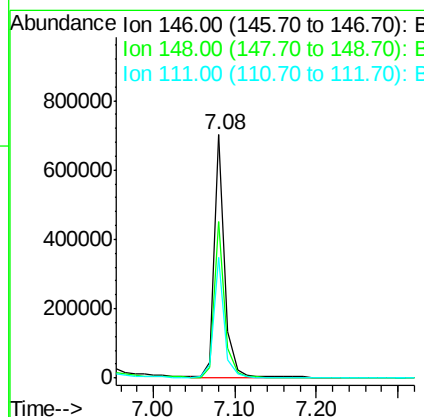
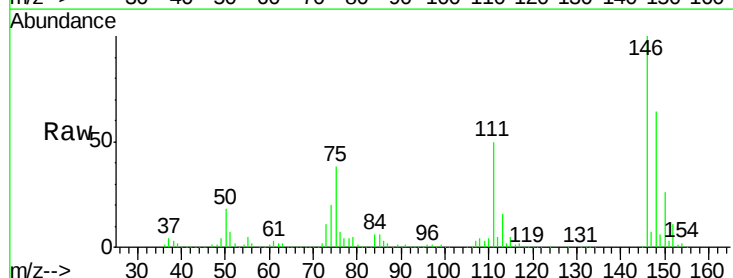
Manual Integrations
 APPROVED

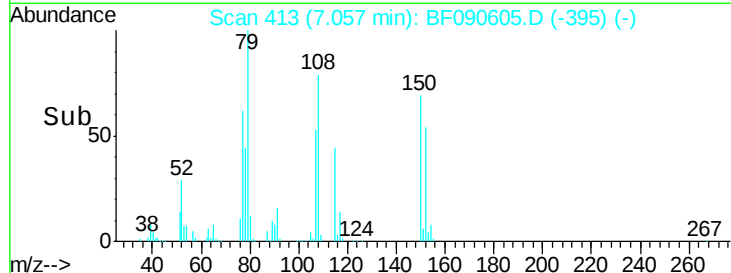
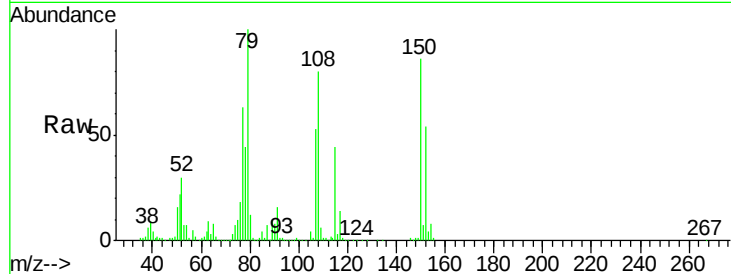
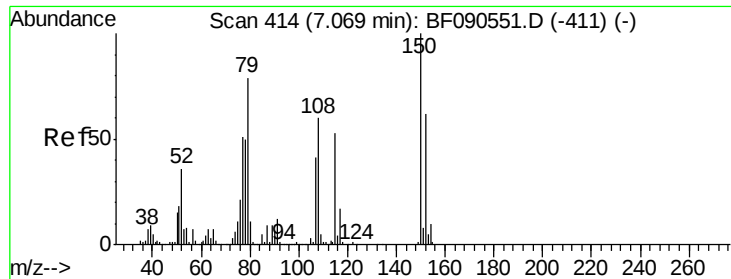
SOHIL
 10/18/2016 6:05:33 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.02 ng
 RT: 7.08 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	49.6	38.2	57.2





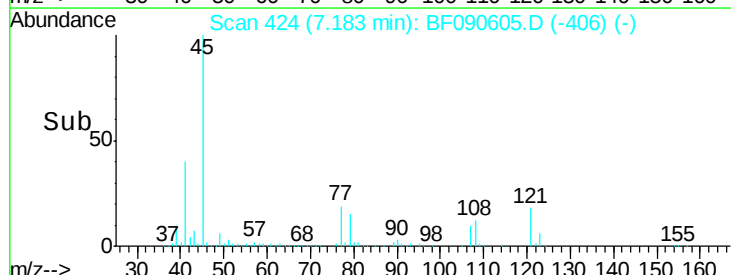
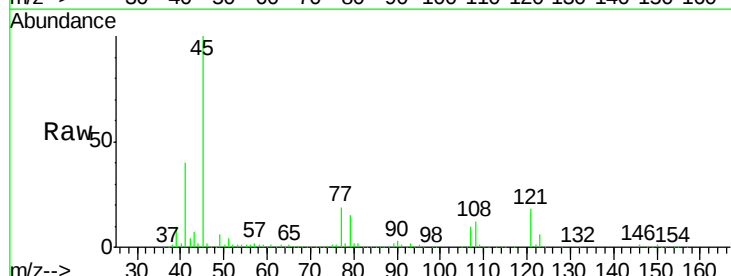
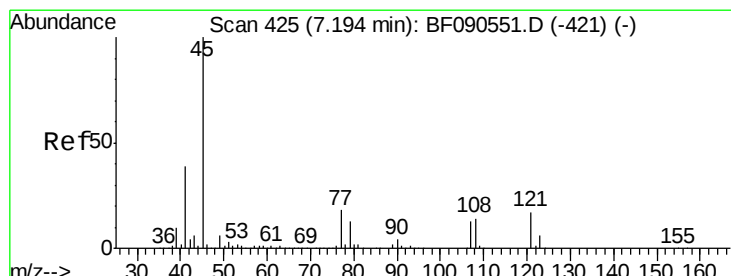
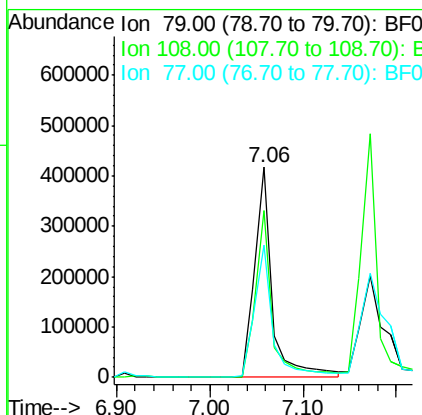
#15
Benzyl Alcohol
Concen: 46.16 ng
RT: 7.06 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	60.2	90.4
77	63.0	52.0	78.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

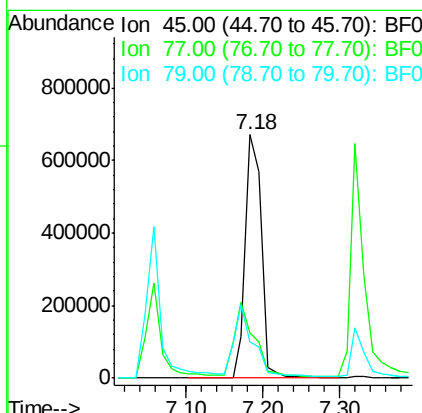
Manual Integrations
APPROVED

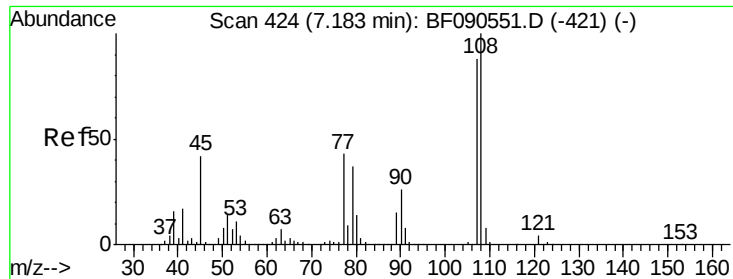
SOHIL
10/18/2016 6:05:33 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.20 ng
RT: 7.18 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.9	40.9
79	15.0	0.0	37.3





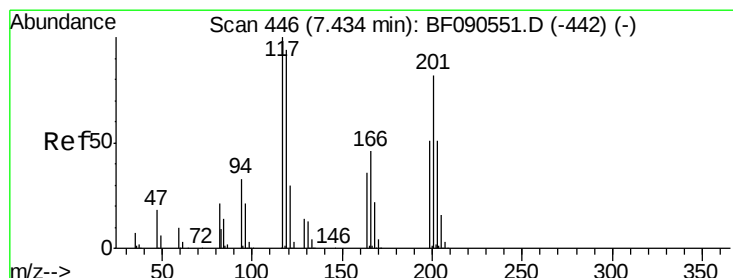
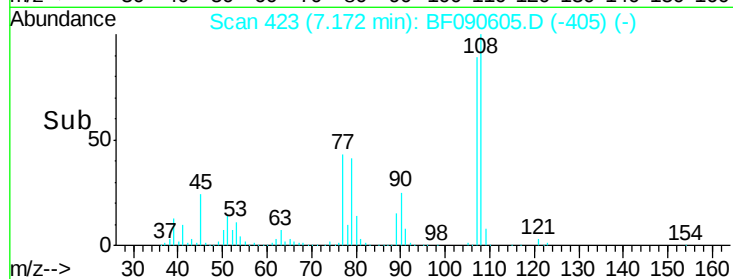
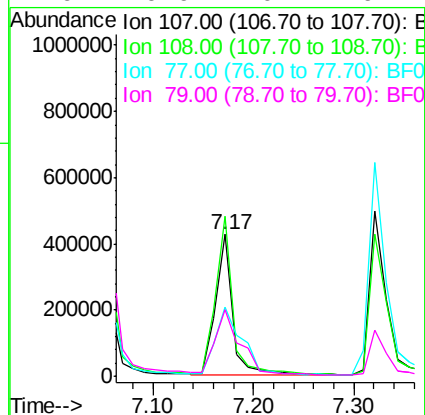
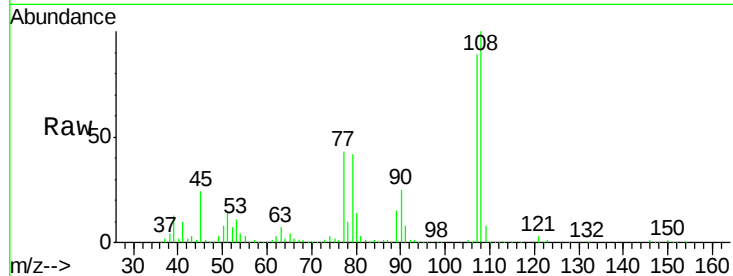
#17
2-Methylphenol
Concen: 42.98 ng
RT: 7.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		507777		
108	112.9	92.6	138.8		
77	48.5	42.2	63.2		
79	46.9	40.7	61.1		

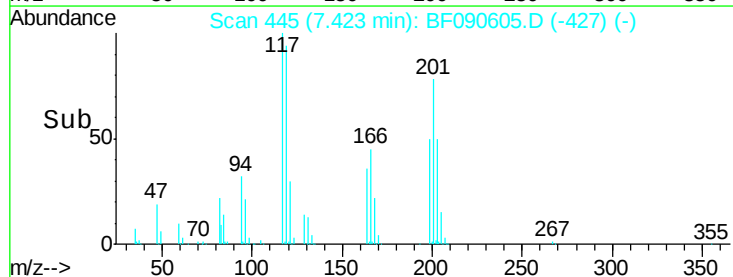
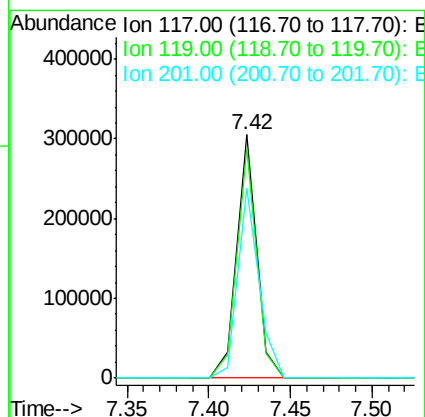
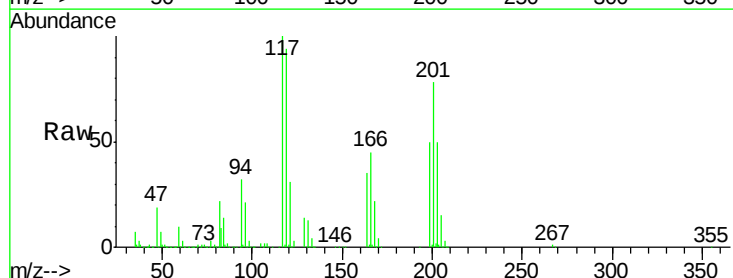
Manual Integrations
APPROVED

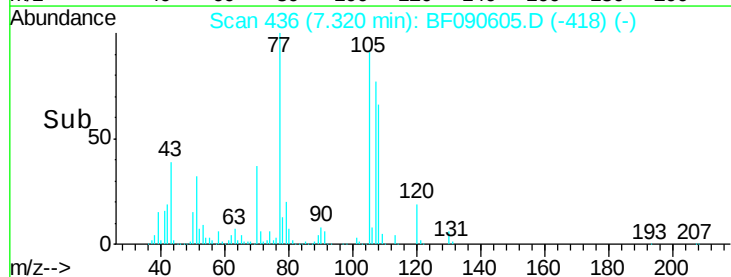
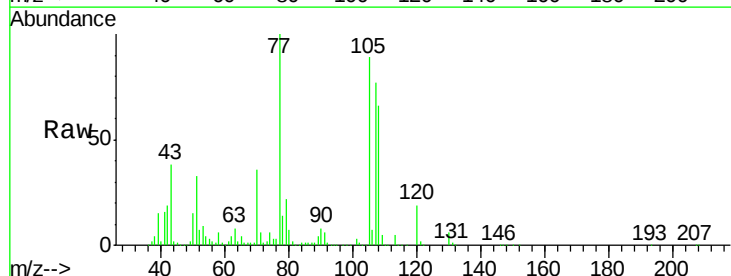
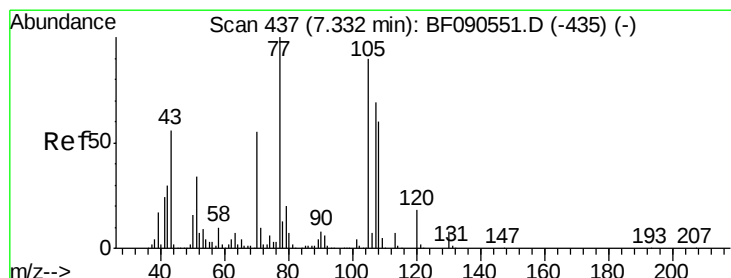
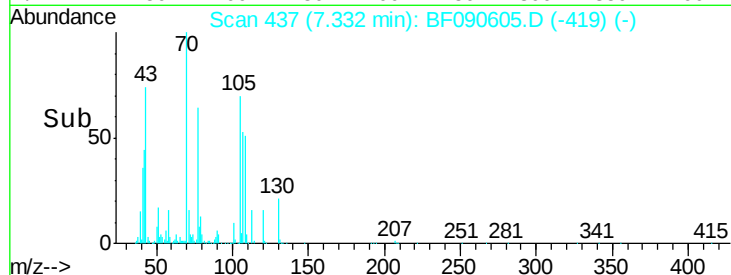
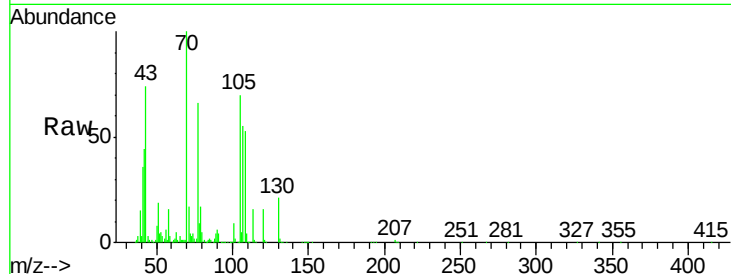
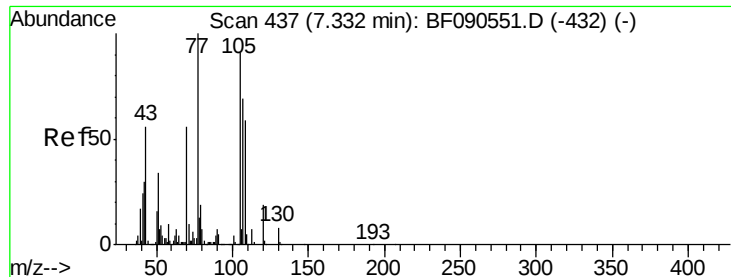
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#18
Hexachloroethane
Concen: 39.08 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		253951		
119	94.1	75.6	113.4		
201	78.0	65.4	98.0		





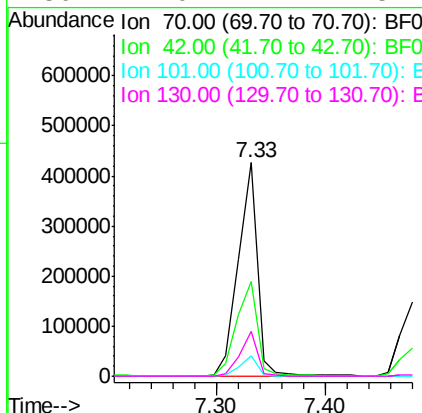
#19
n-Nitroso-di-n-propylamine
Concen: 43.15 ng
RT: 7.33 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.3	43.4	65.0
101	9.5	6.4	9.6
130	21.0	12.1	18.1

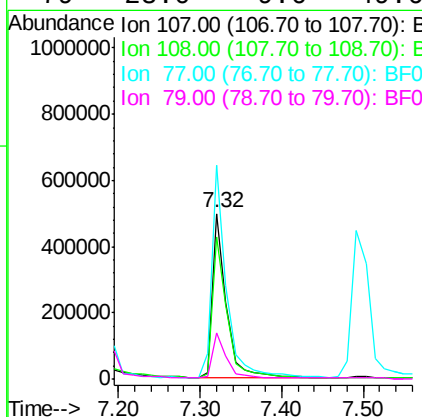
Manual Integrations
APPROVED

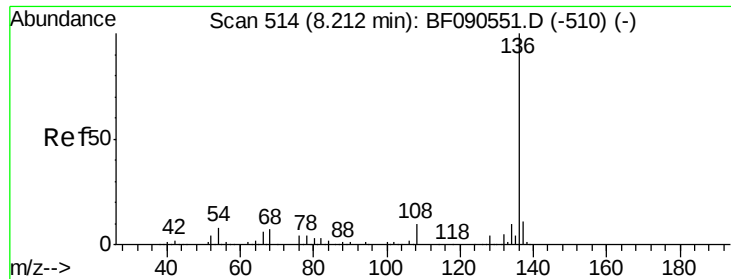
SOHIL
10/18/2016 6:05:33 PM



#20
3+4-Methylphenols
Concen: 41.05 ng
RT: 7.32 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	67.7	107.7
77	129.1	123.1	163.1
79	28.0	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

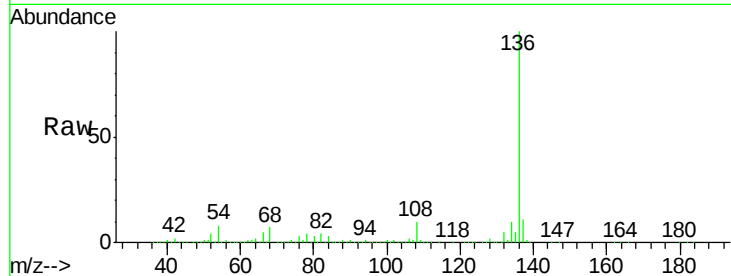
ClientSampleId :

SSTDCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	912126		
137	11.2		8.8	13.2
54	8.0		6.8	10.2
68	7.2		6.0	9.0

Manual Integrations
APPROVED

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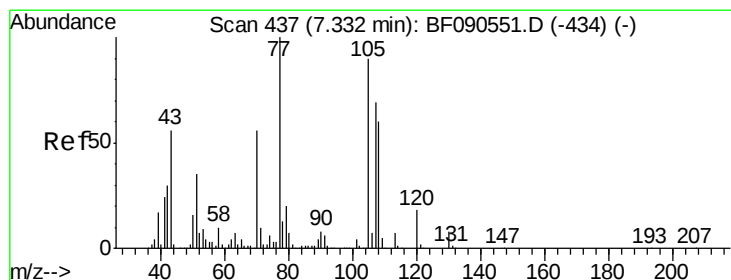
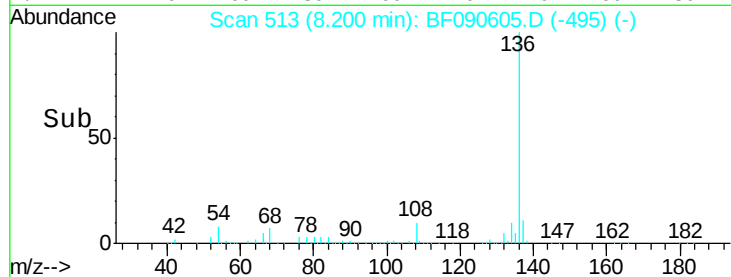
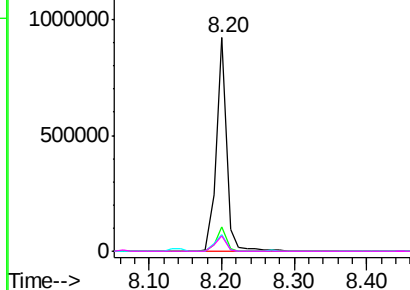


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.45 ng

RT: 7.32 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

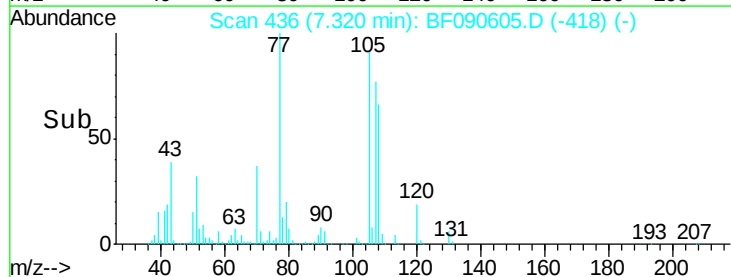
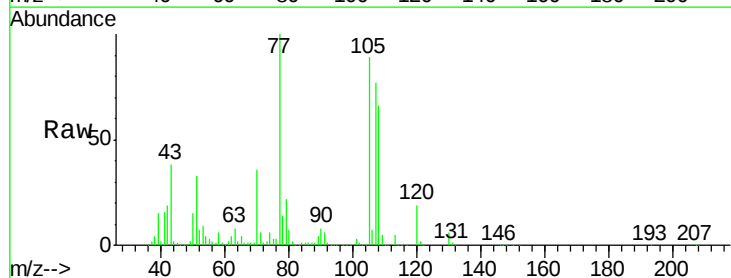
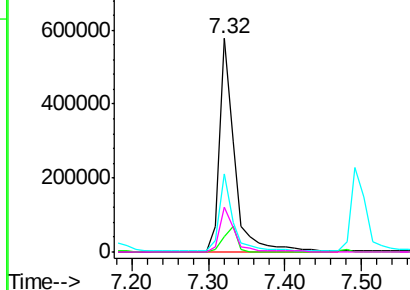
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	794868		
71	7.0		8.5	12.7#
51	36.6		31.0	46.4
120	21.0		16.2	24.4

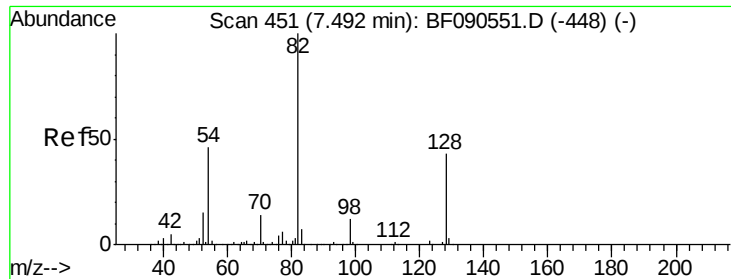
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





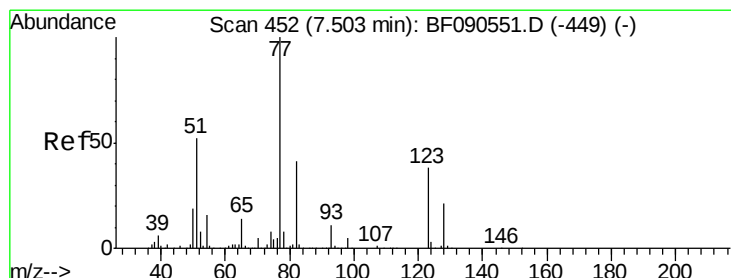
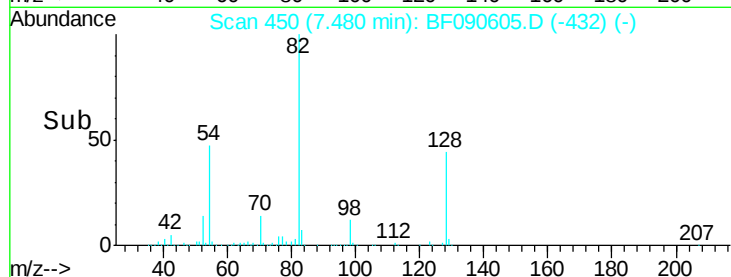
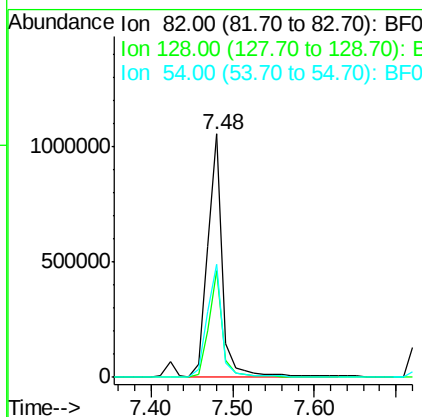
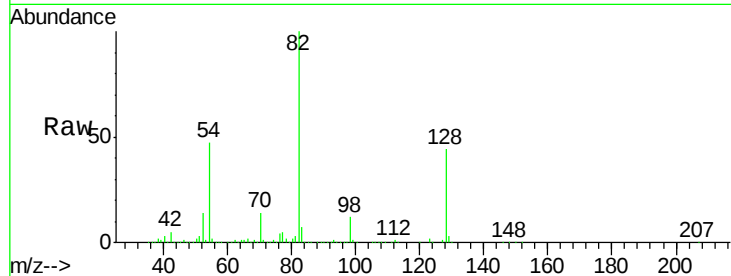
#23
Nitrobenzene-d5
Concen: 83.16 ng
RT: 7.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	82	Resp	1365501
Ion Ratio	100	Lower	Upper
82	100		
128	44.0	34.3	51.5
54	46.7	37.0	55.6

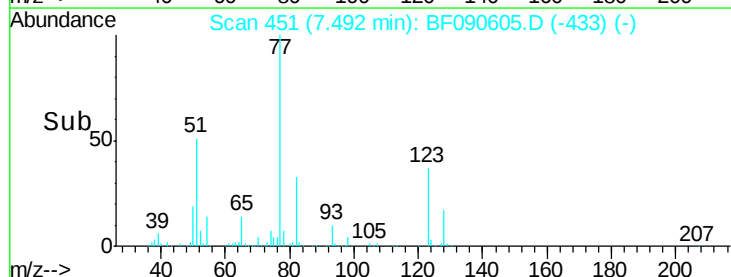
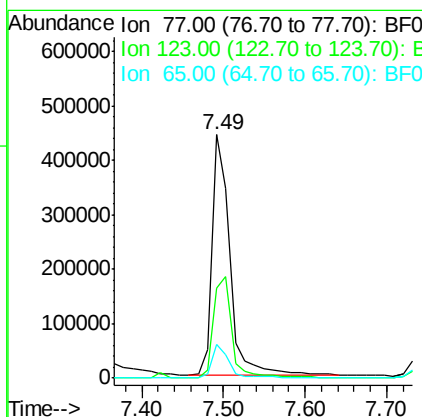
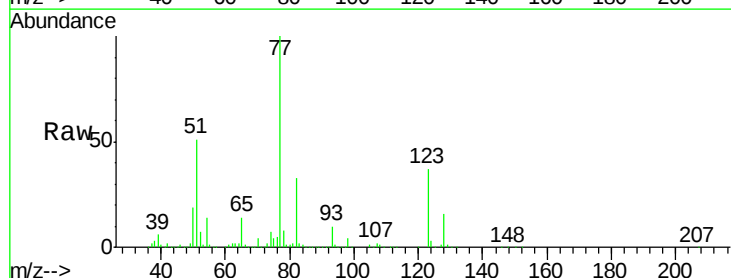
Manual Integrations
APPROVED

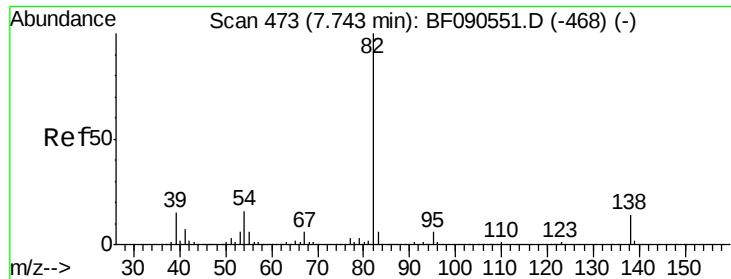
SOHIL
10/18/2016 6:05:33 PM



#24
Nitrobenzene
Concen: 39.75 ng
RT: 7.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	77	Resp	669931
Ion Ratio	100	Lower	Upper
77	100		
123	36.9	29.8	44.6
65	13.9	10.9	16.3





#25

Isophorone

Concen: 40.40 ng

RT: 7.73 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion: 82 Resp: 1207419

Ion Ratio Lower Upper

82 100

95 6.3 5.0 7.6

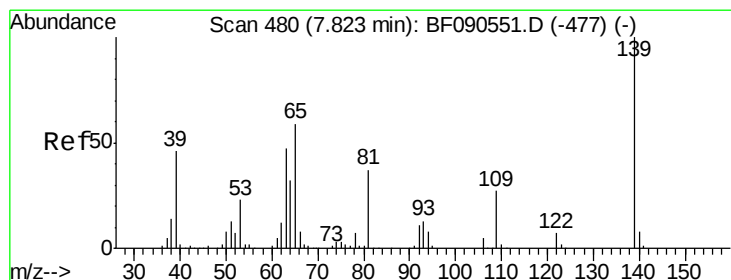
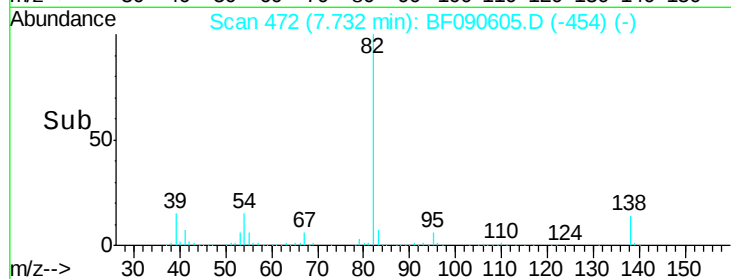
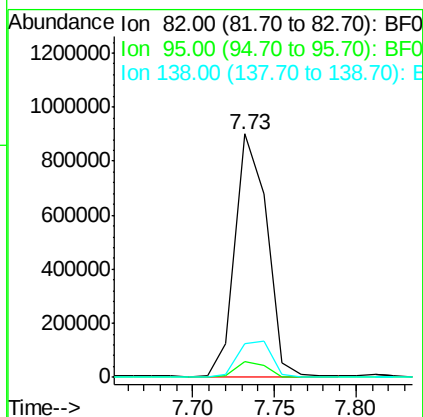
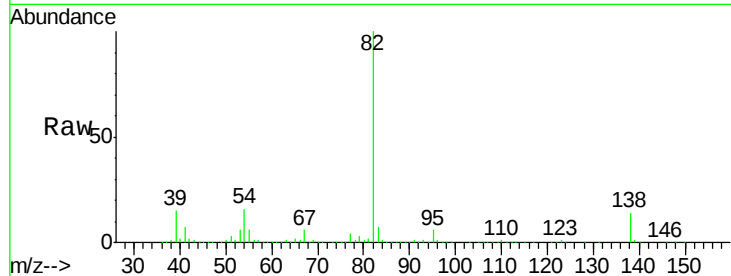
138 14.0 11.5 17.3

Manual Integrations

APPROVED

SOHIL

10/18/2016 6:05:33 PM



#26

2-Nitrophenol

Concen: 42.51 ng

RT: 7.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

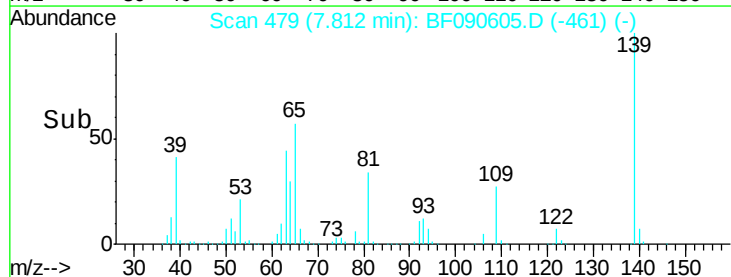
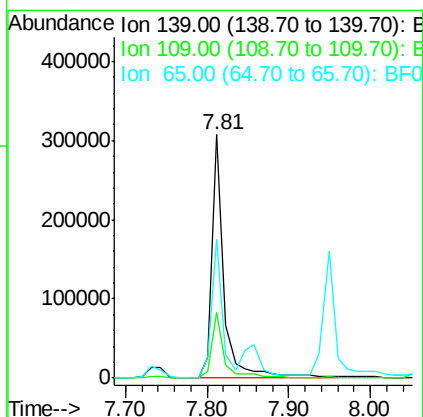
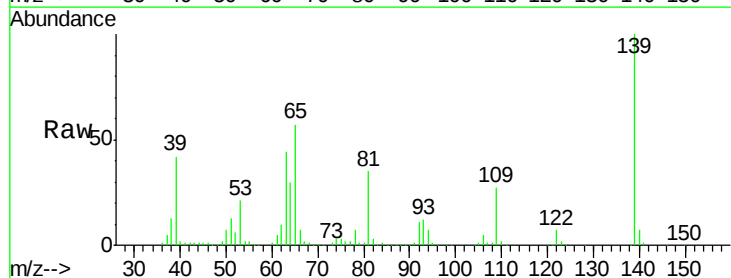
Tgt Ion: 139 Resp: 324989

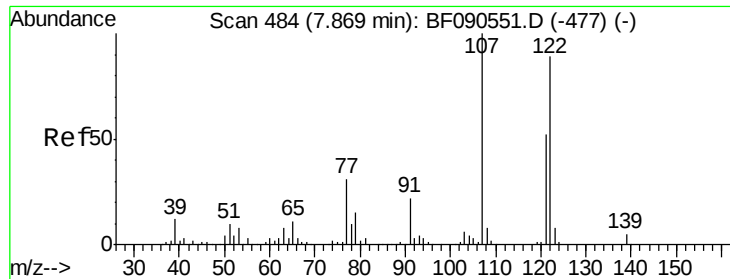
Ion Ratio Lower Upper

139 100

109 27.2 21.8 32.6

65 56.9 47.7 71.5





#27

2,4-Dimethylphenol

Concen: 43.02 ng

RT: 7.86 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

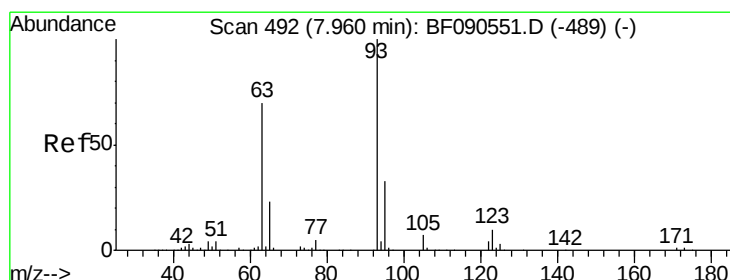
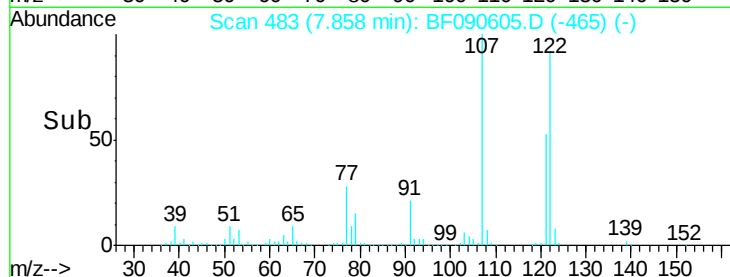
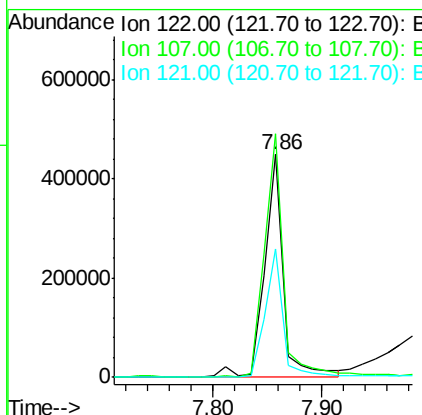
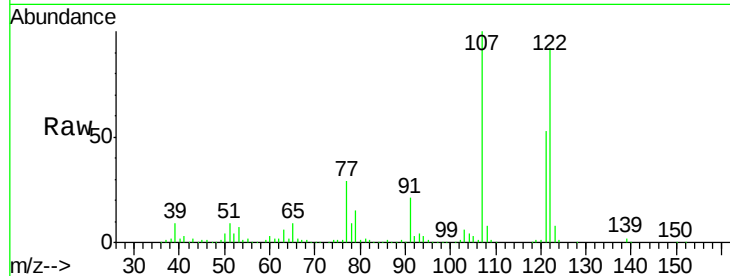
ClientSampleId :

SSTDCCCC040

Tot Ion:	122	Resp:	545778
Ion Ratio	Lower	Upper	
122	100		
107	109.2	89.8	134.6
121	57.4	46.1	69.1

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 41.48 ng

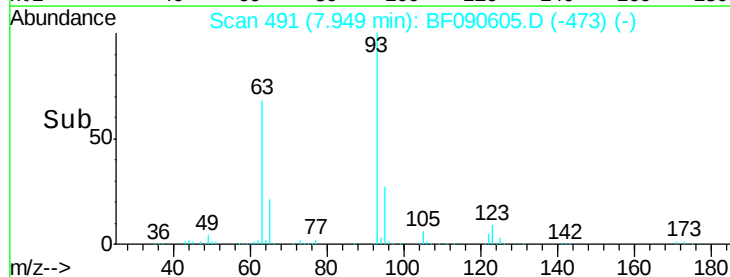
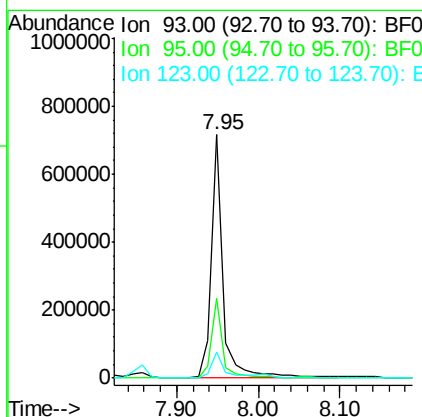
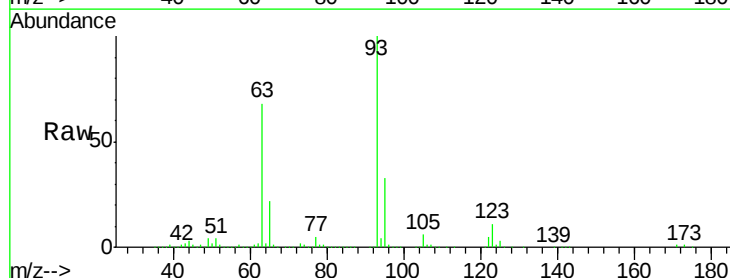
RT: 7.95 min Scan# 491

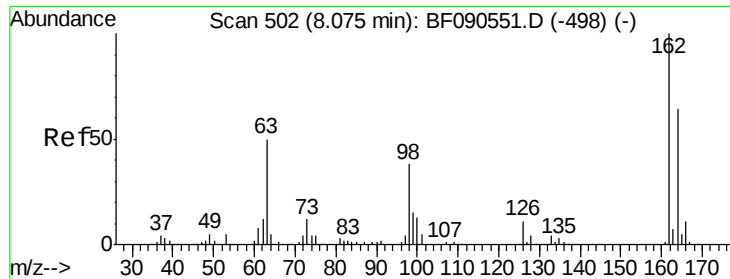
Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion:	93	Resp:	732023
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.2	39.2
123	10.9	8.6	13.0





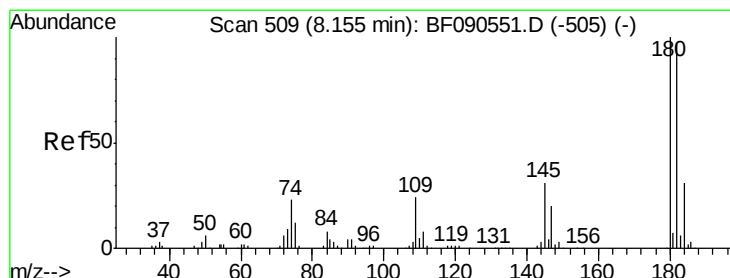
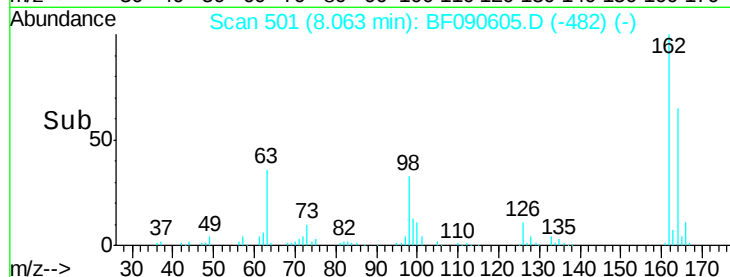
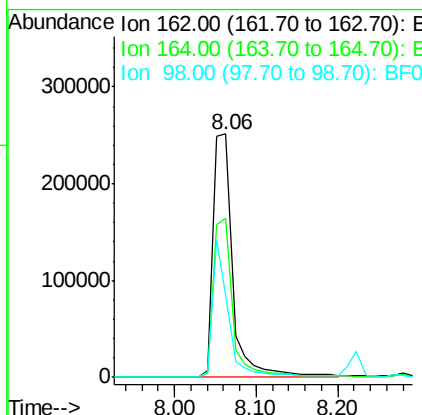
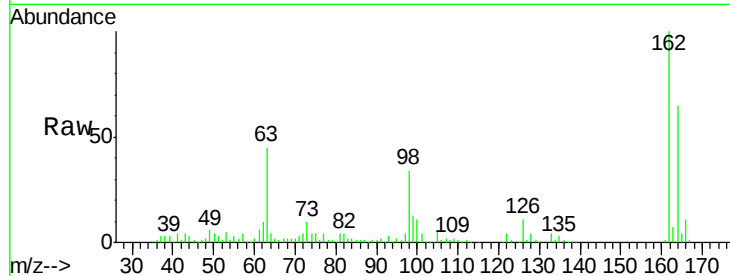
#29
2,4-Dichlorophenol
Concen: 38.54 ng
RT: 8.06 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	428308		
164	65.5	44.0	84.0	
98	33.7	18.0	58.0	

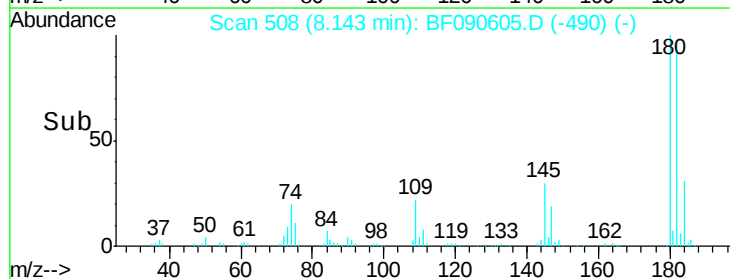
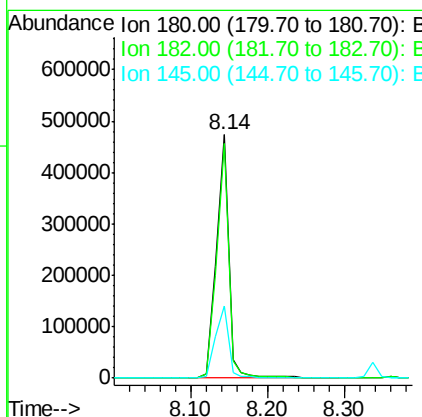
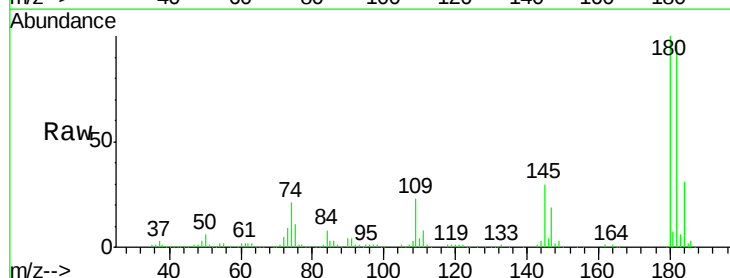
Manual Integrations
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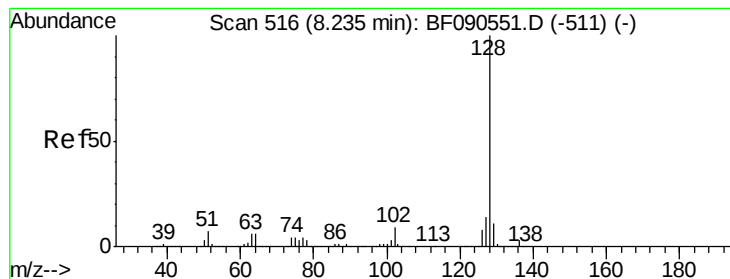
SOHIL
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#30
1,2,4-Trichlorobenzene
Concen: 40.59 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	528232		
182	96.5	77.2	115.8	
145	29.8	24.4	36.6	





#31

Naphthalene

Concen: 38.50 ng

RT: 8.22 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:128 Resp: 1788899

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

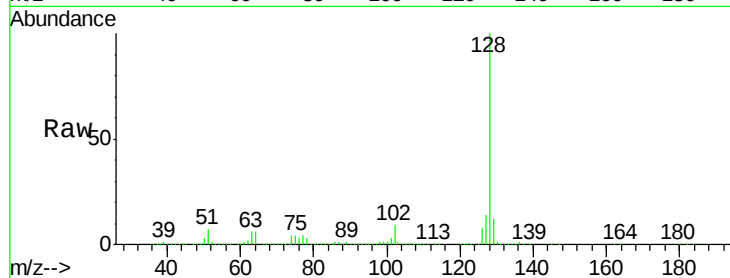
127 13.8 10.8 16.2

Manual Integrations

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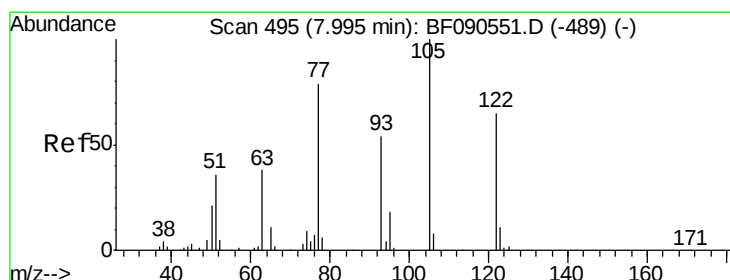
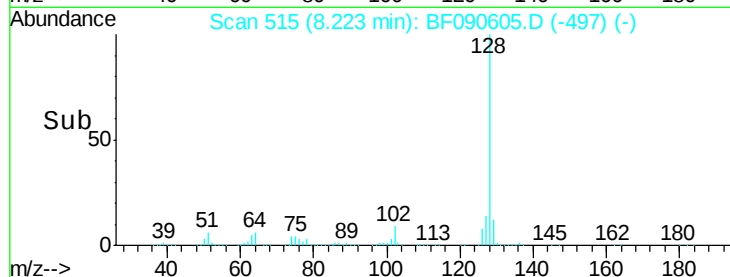
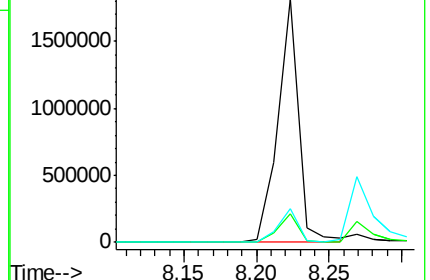
10/18/2016 6:05:33 PM



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: 47.48 ng

RT: 8.01 min Scan# 496

Delta R.T. 0.03 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

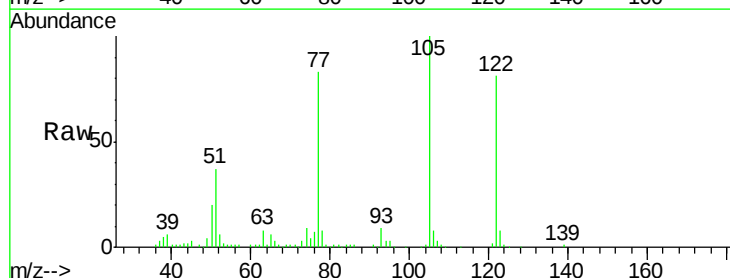
Tgt Ion:122 Resp: 369947

Ion Ratio Lower Upper

122 100

105 123.4 101.1 141.1

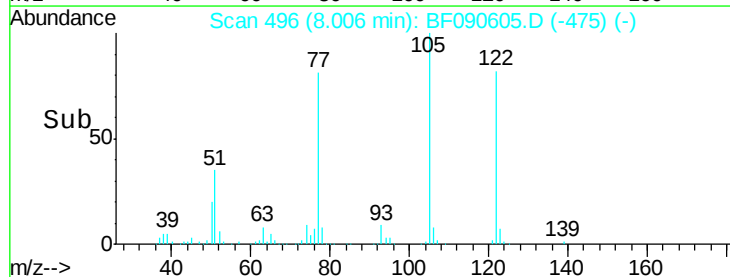
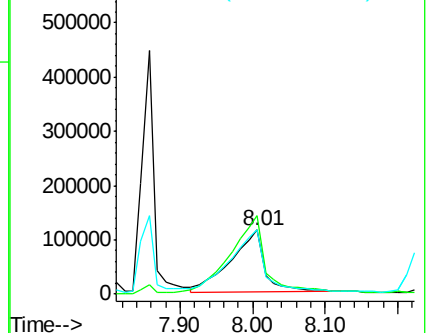
77 101.9 84.7 124.7

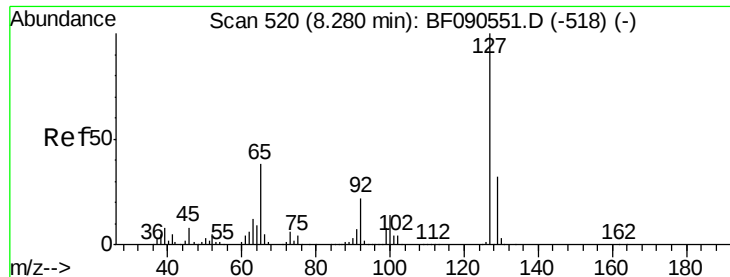


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





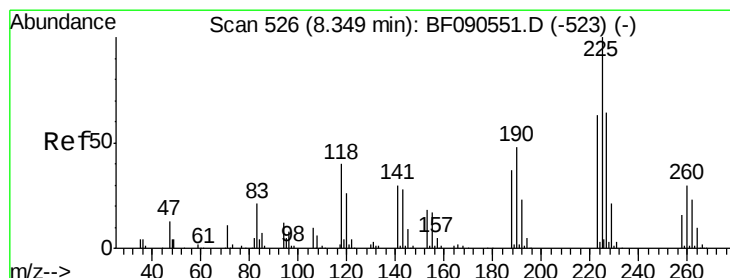
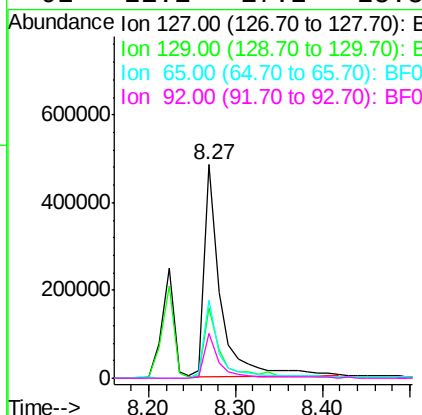
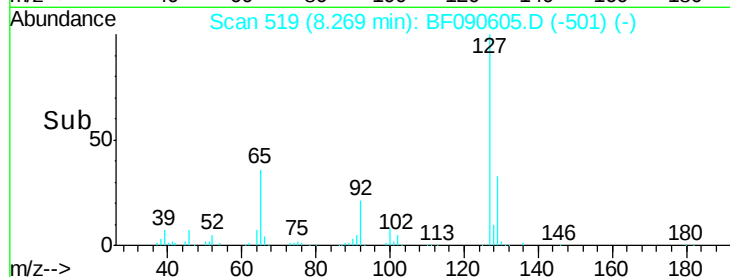
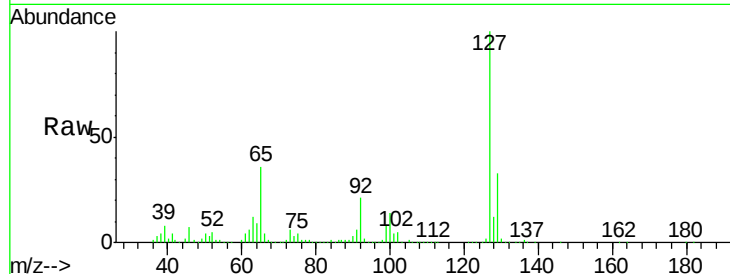
#33
4-Chloroaniline
Concen: 36.11 ng
RT: 8.27 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		641220		
129	33.0	26.2	39.2		
65	36.4	30.1	45.1		
92	21.1	17.2	25.8		

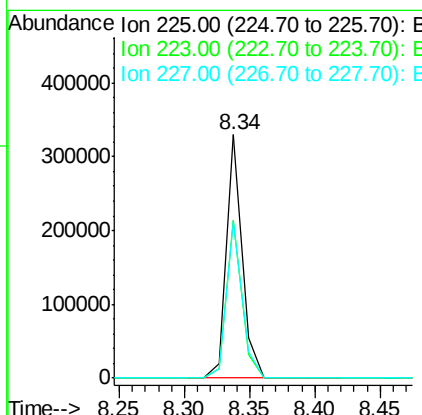
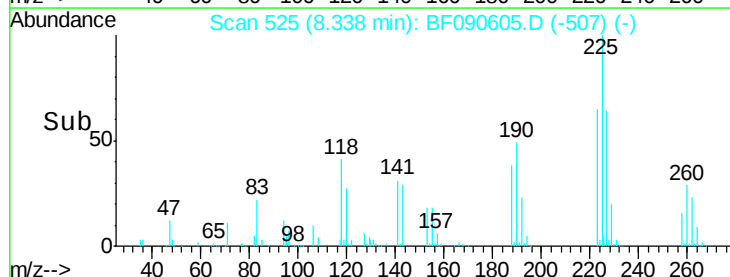
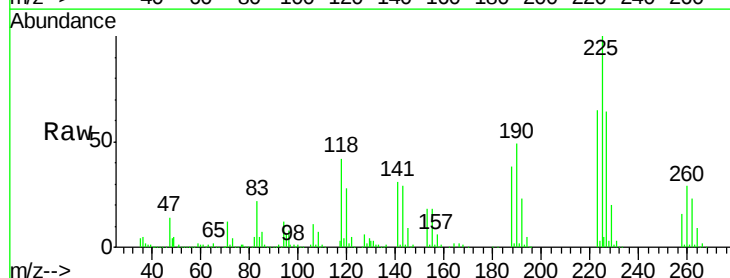
Manual Integrations
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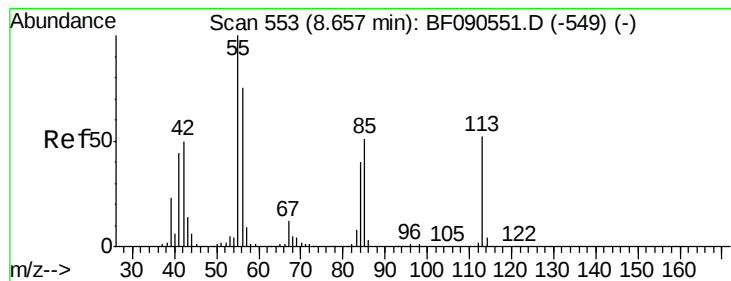
SOHIL
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#34
Hexachlorobutadiene
Concen: 38.48 ng
RT: 8.34 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		279830		
223	64.9	50.6	76.0		
227	64.2	51.4	77.2		





#35

Caprolactam

Concen: 48.21 ng/ml

RT: 8.66 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

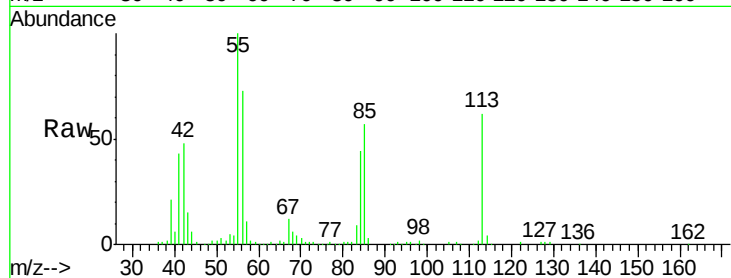
ClientSampleId :

SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.6	170.8	210.8#
56	118.5	122.4	162.4#

Manual Integrations
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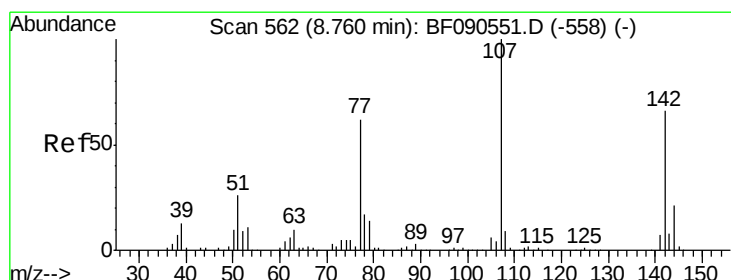
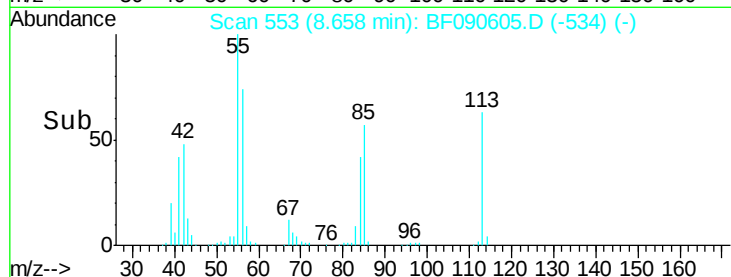
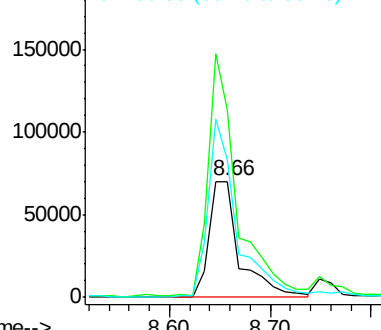


Abundance

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: 39.60 ng/ml

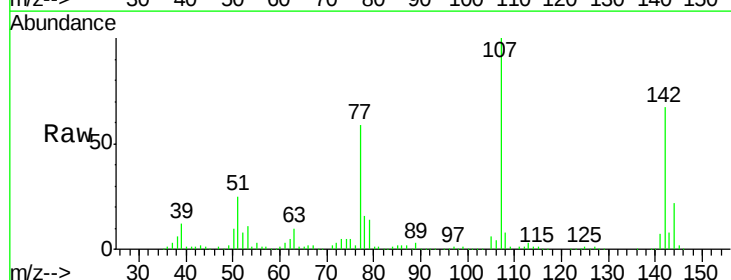
RT: 8.75 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.9	16.9	25.3
142	67.4	52.5	78.7

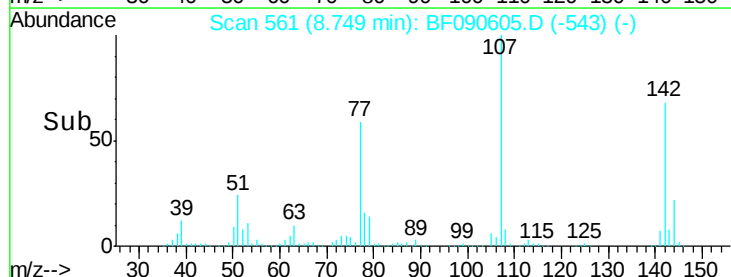
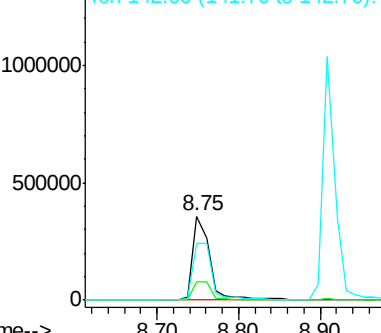


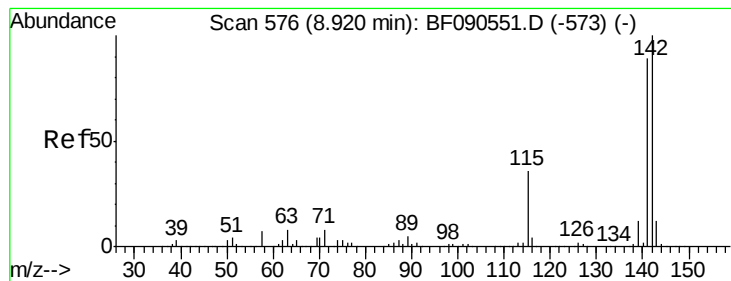
Abundance

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





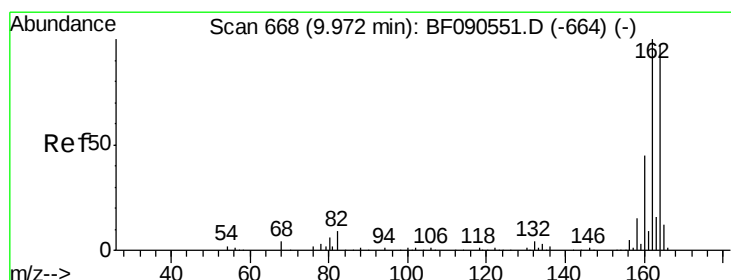
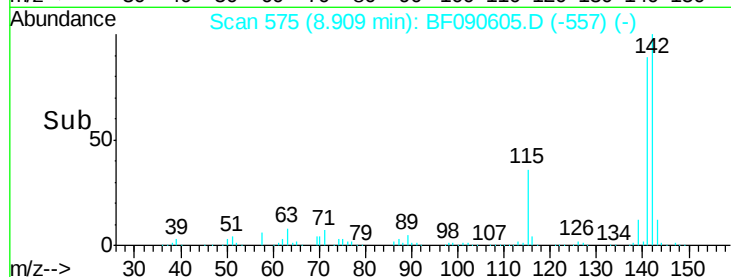
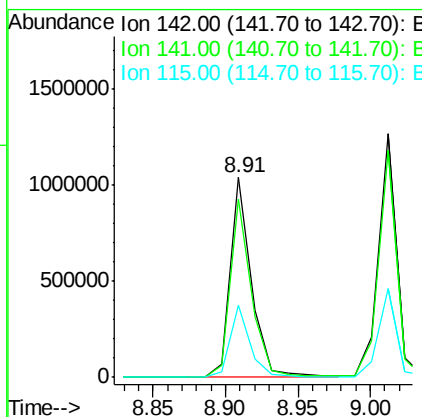
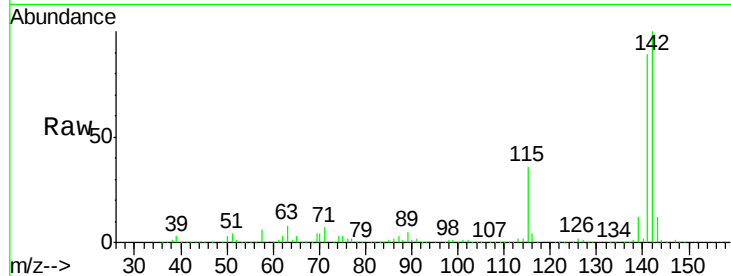
#37
2-Methylnaphthalene
Concen: 38.40 ng
RT: 8.91 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion:142 Resp: 1047830
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9
115 36.3 28.8 43.2

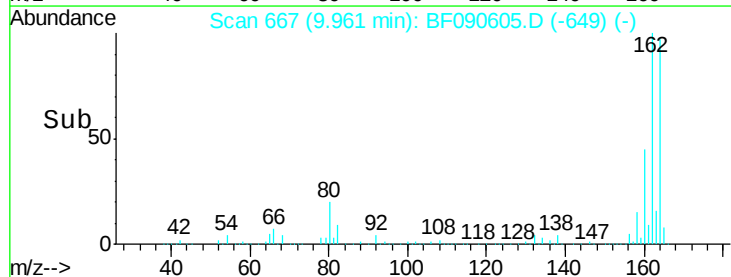
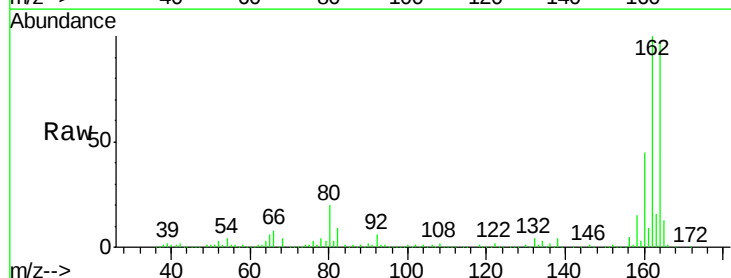
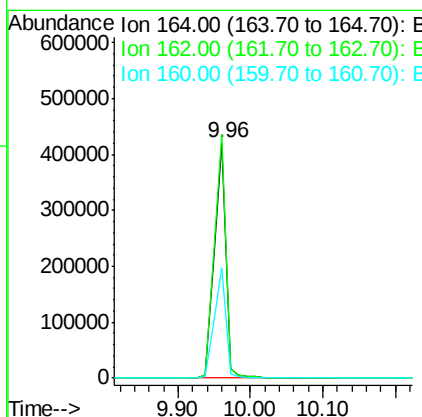
Manual Integrations
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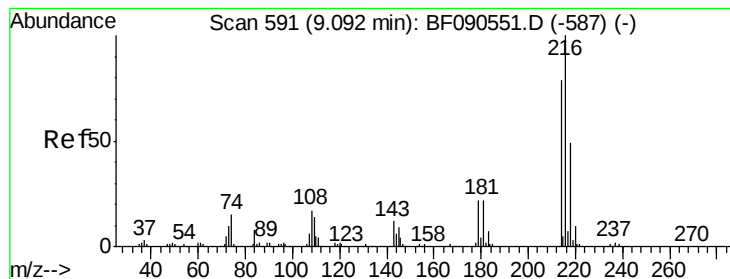
SOHIL
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion:164 Resp: 467192
Ion Ratio Lower Upper
164 100
162 103.5 82.2 123.4
160 46.9 36.6 55.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.21 ng

RT: 9.08 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

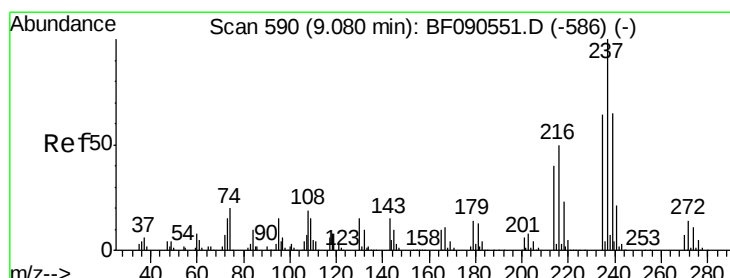
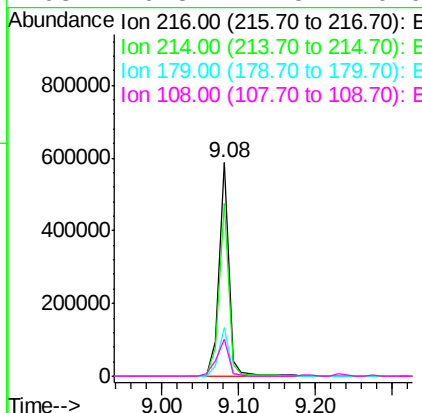
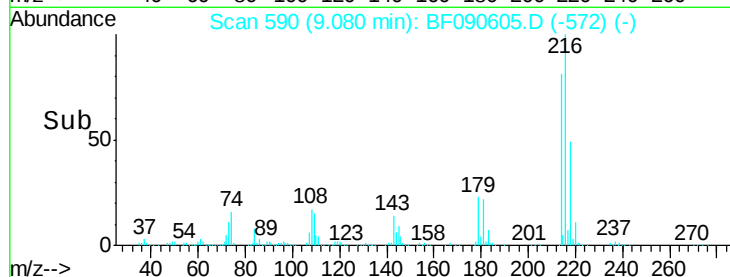
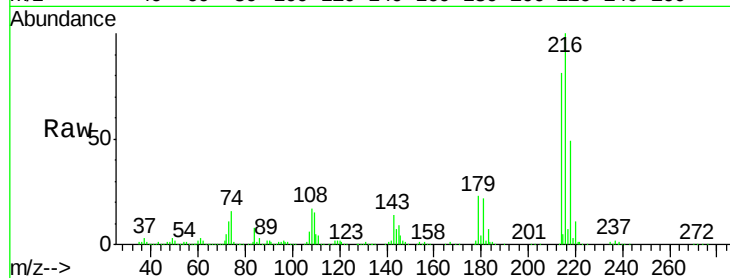
ClientSampleId :

SSTDCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		522864		
214	80.8		63.5	95.3	
179	23.7		18.9	28.3	
108	20.8		17.8	26.6	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 41.53 ng

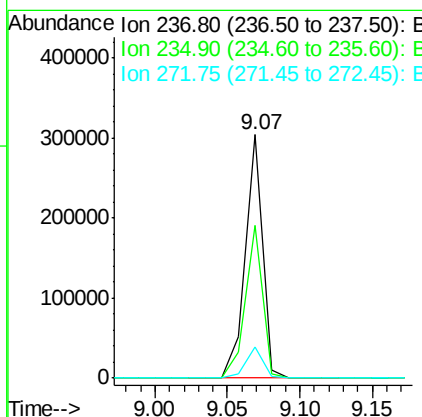
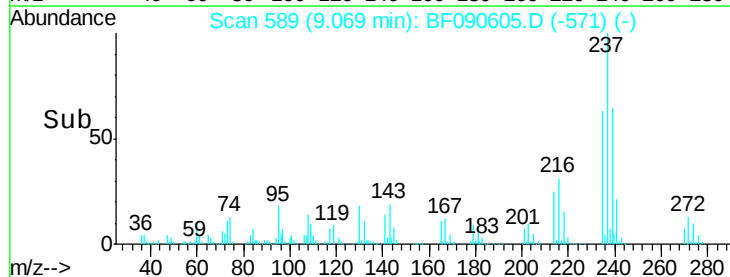
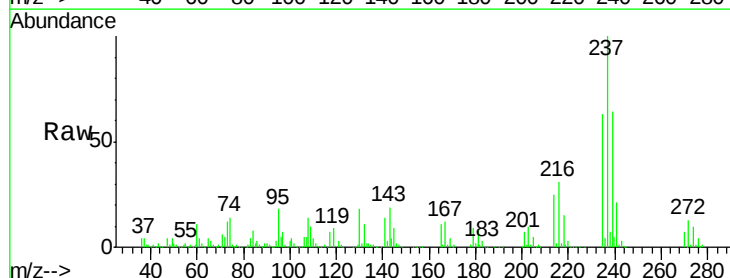
RT: 9.07 min Scan# 589

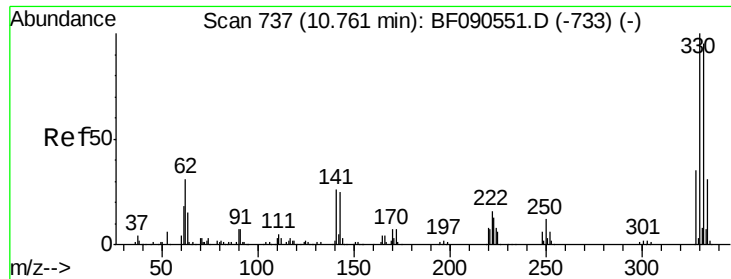
Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		251323		
235	62.9		43.8	83.8	
272	12.7		0.0	33.7	





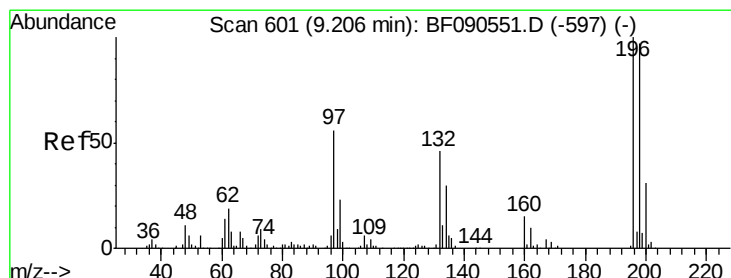
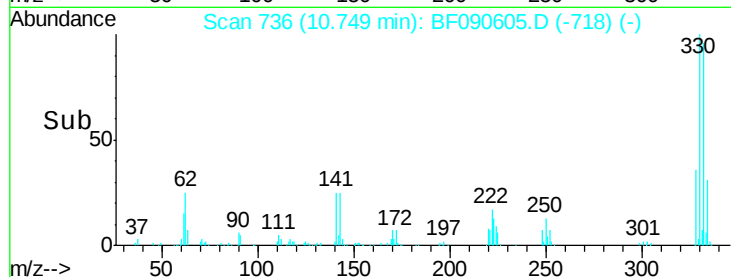
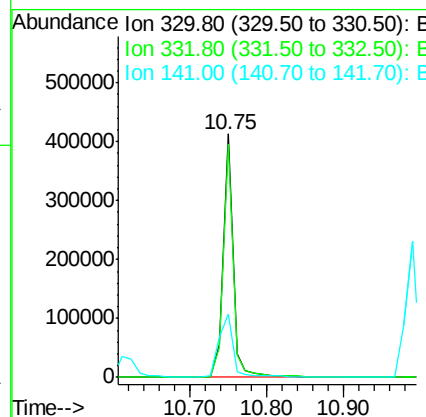
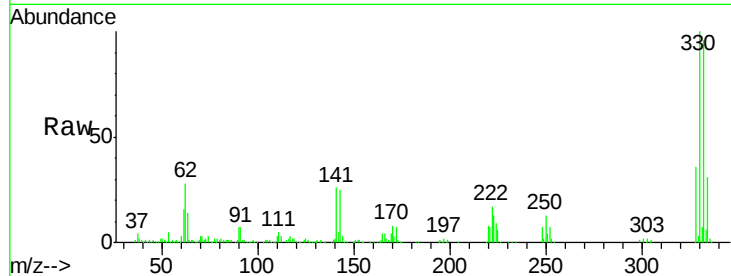
#41
 2,4,6-Tribromophenol
 Concen: 90.04 ng
 RT: 10.75 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	375052		
332	95.8	76.2	114.2	
141	36.2	31.4	47.2	

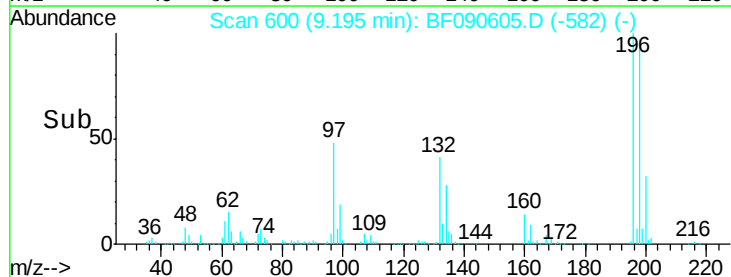
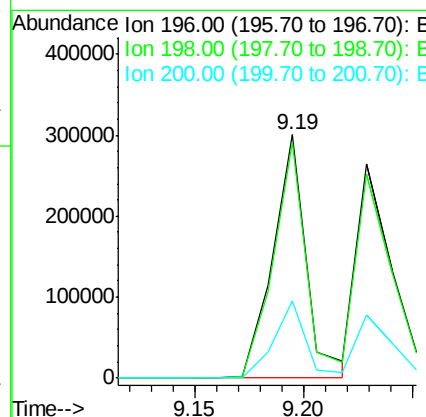
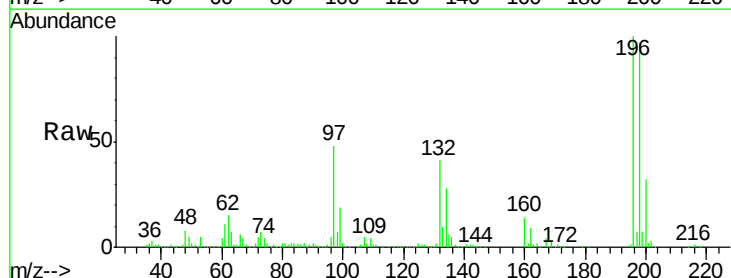
Manual Integrations
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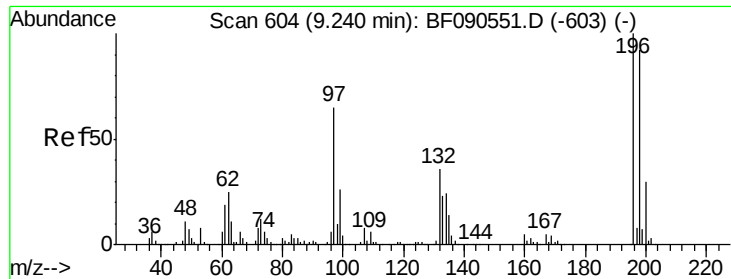
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#42
 2,4,6-Trichlorophenol
 Concen: 46.11 ng
 RT: 9.19 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	322150		
198	97.1	77.9	116.9	
200	31.7	25.1	37.7	





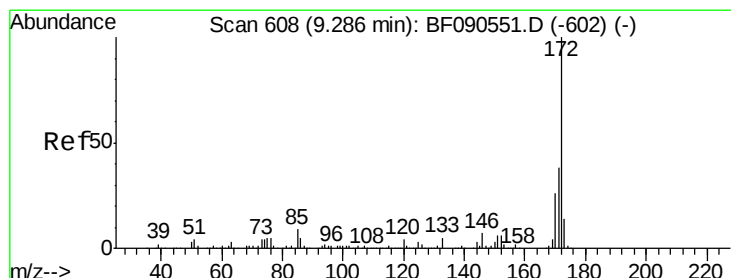
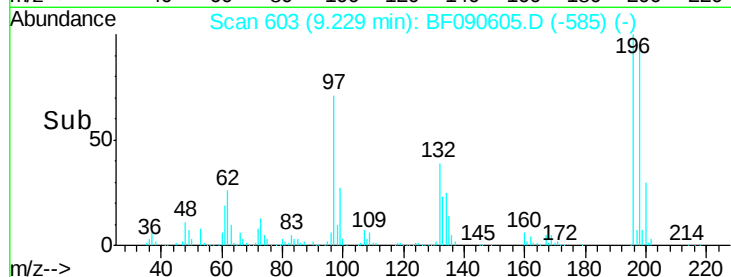
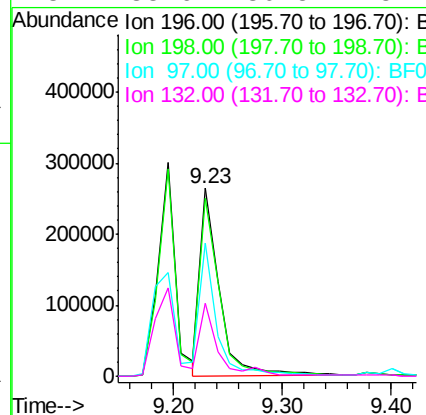
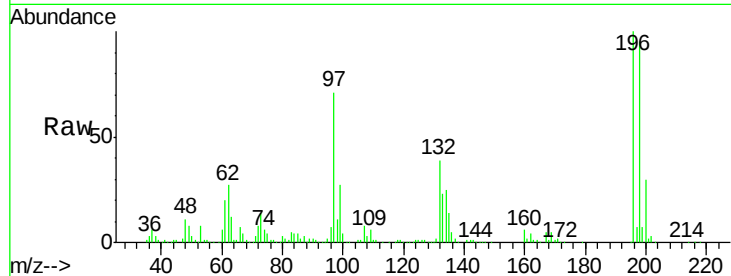
#43
 2,4,5-Trichlorophenol
 Concen: 38.66 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		322245		
198	95.0	74.0	111.0		
97	71.0	54.7	82.1		
132	38.6	30.5	45.7		

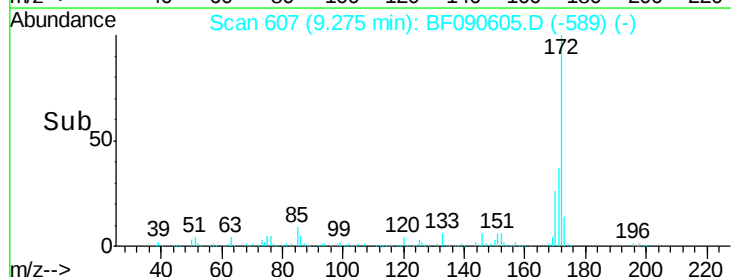
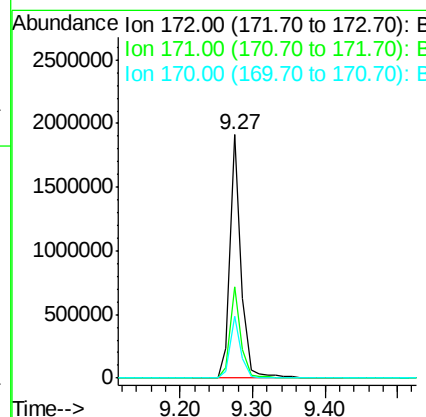
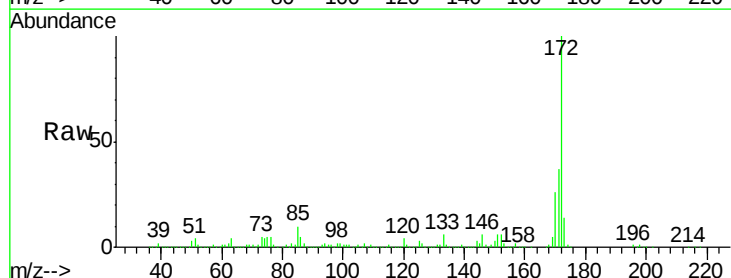
Manual Integrations
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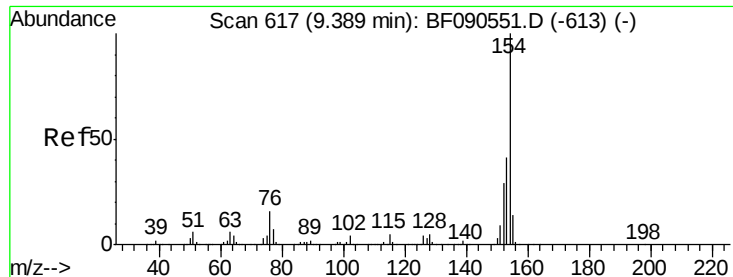
SOHIL
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#44
 2-Fluorobiphenyl
 Concen: 72.00 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2041486		
171	37.3	30.1	45.1		
170	25.5	20.6	30.8		





#45

1,1'-Biphenyl

Concen: 39.71 ng

RT: 9.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:154 Resp: 1411821

Ion Ratio Lower Upper

154 100

153 41.8 21.5 61.5

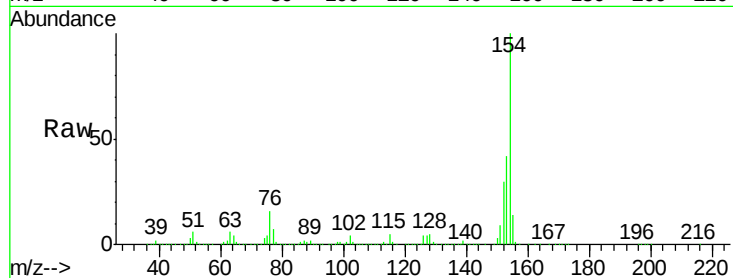
76 16.4 0.0 36.0

Manual Integrations

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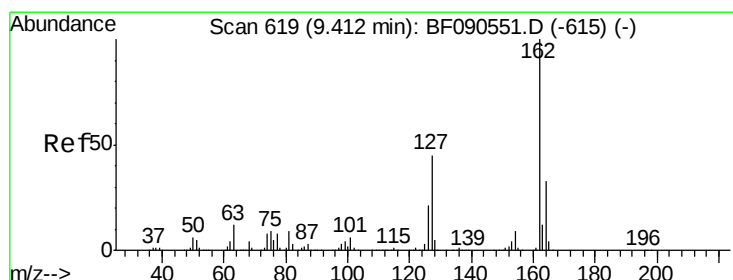
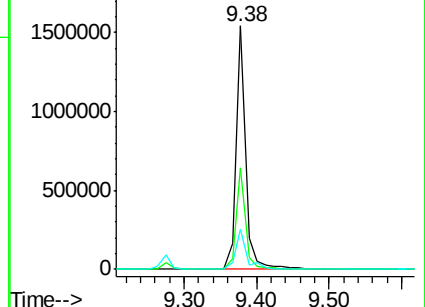
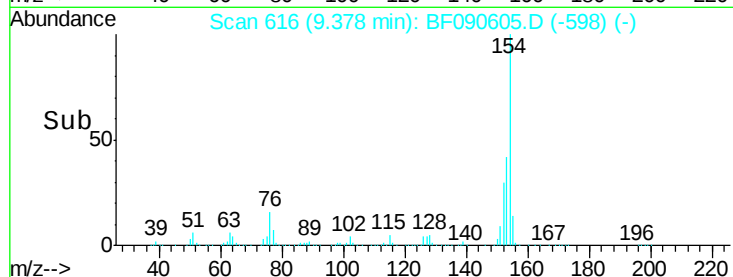
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.04 ng

RT: 9.40 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

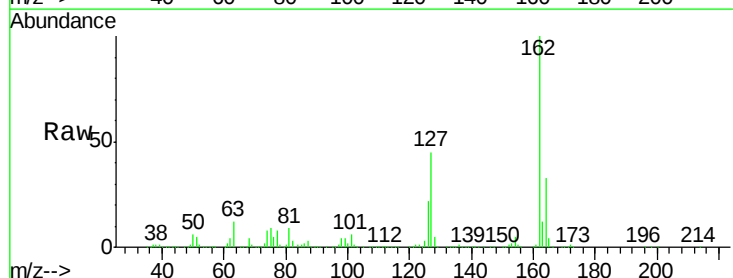
Tgt Ion:162 Resp: 1034967

Ion Ratio Lower Upper

162 100

127 45.1 35.9 53.9

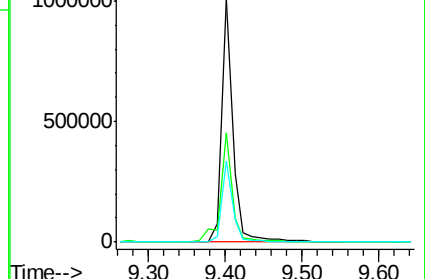
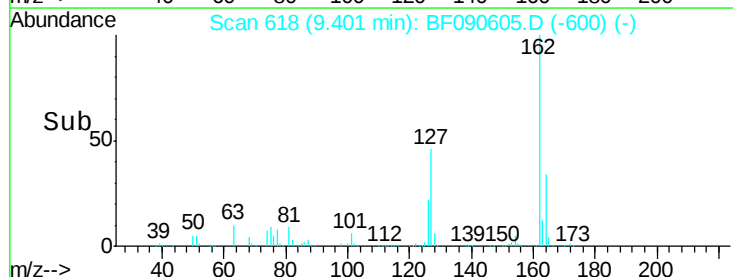
164 33.2 26.7 40.1

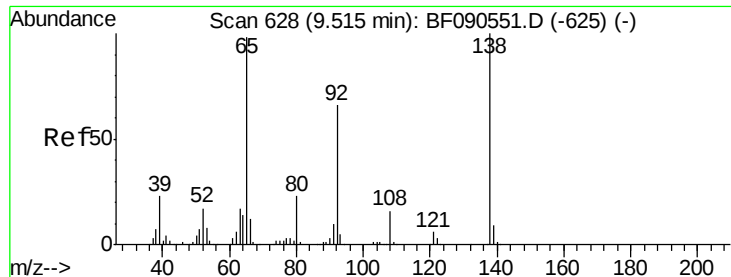


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





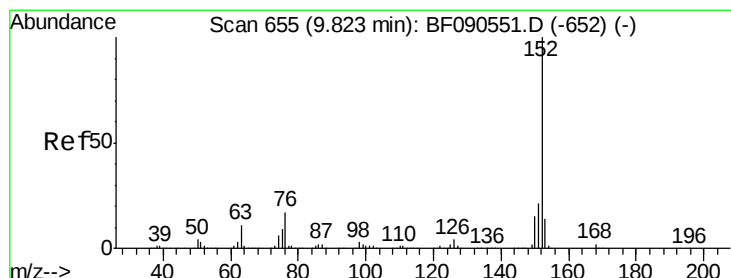
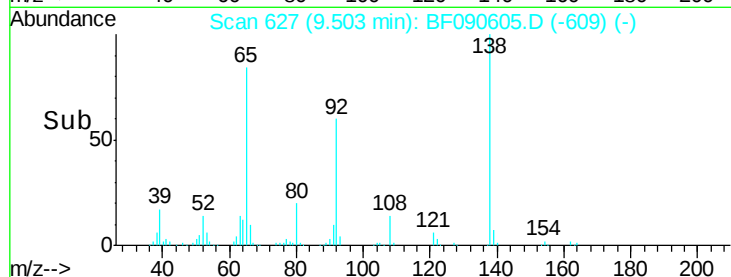
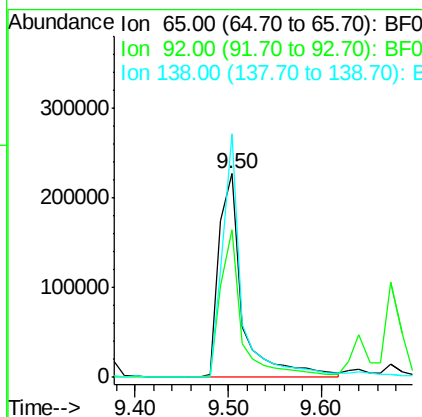
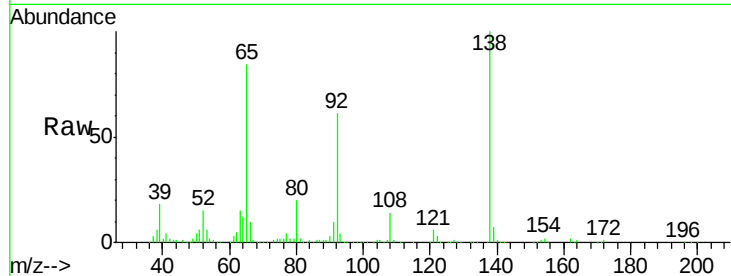
#47
2-Nitroaniline
Concen: 40.91 ng
RT: 9.50 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.4	54.3	81.5
138	119.4	81.7	122.5

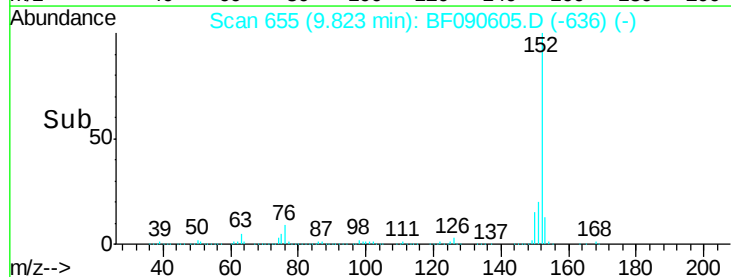
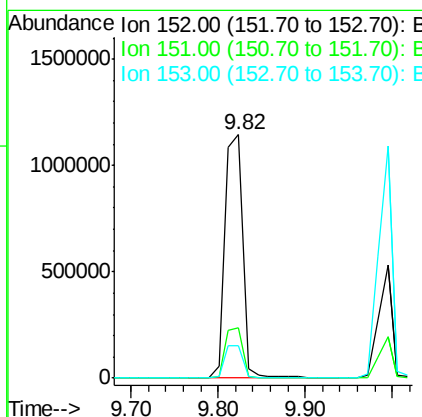
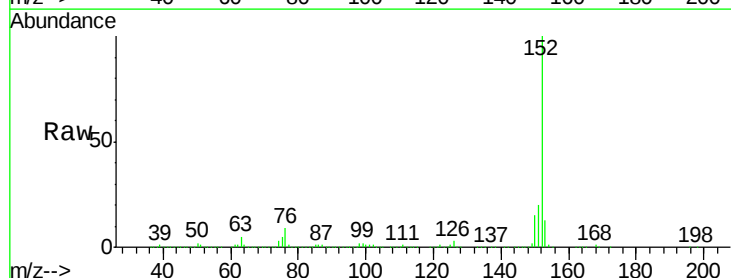
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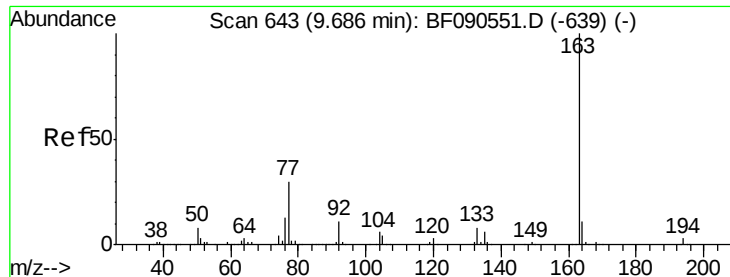
SOHIL
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#48
Acenaphthylene
Concen: 38.78 ng
RT: 9.82 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0
153	13.1	11.3	16.9





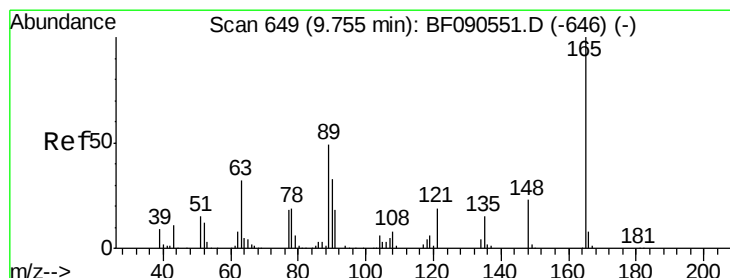
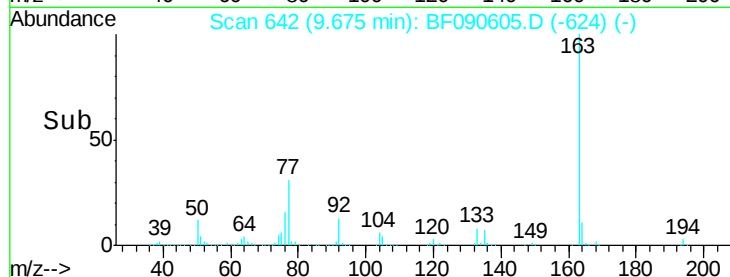
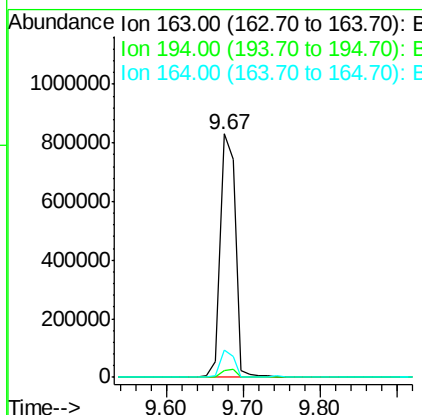
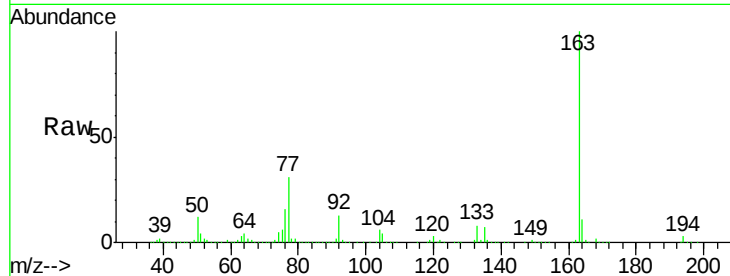
#49
Dimethylphthalate
Concen: 38.33 ng
RT: 9.67 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion:163 Resp: 1161873
Ion Ratio Lower Upper
163 100
194 3.0 2.3 3.5
164 11.0 8.6 13.0

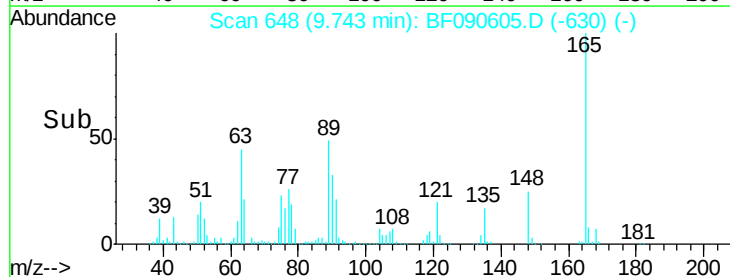
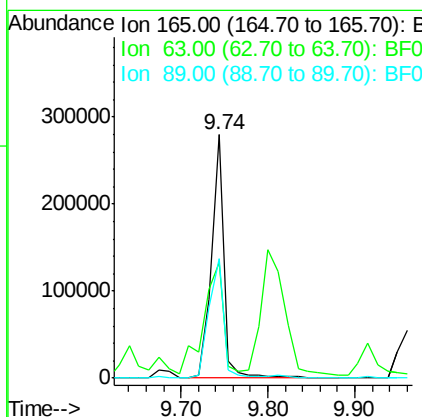
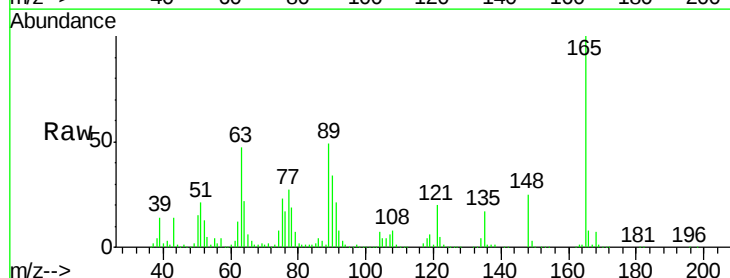
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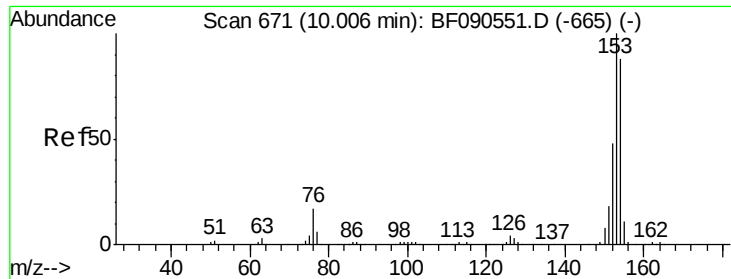
SOHIL
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#50
2,6-Dinitrotoluene
Concen: 43.10 ng
RT: 9.74 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion:165 Resp: 285897
Ion Ratio Lower Upper
165 100
63 47.2 40.1 60.1
89 49.1 39.5 59.3





#51

Acenaphthene

Concen: 41.21 ng

RT: 9.99 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:154 Resp: 1156203

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

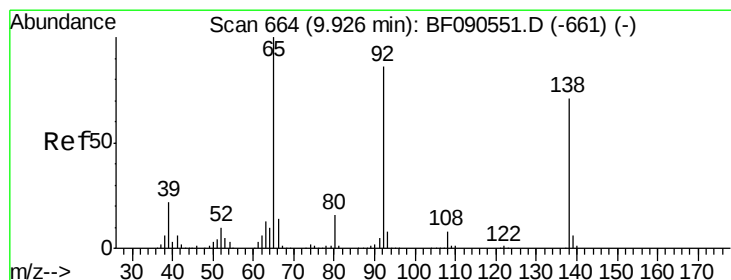
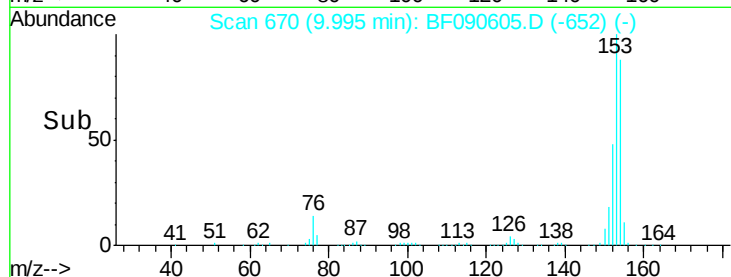
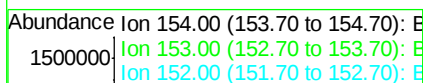
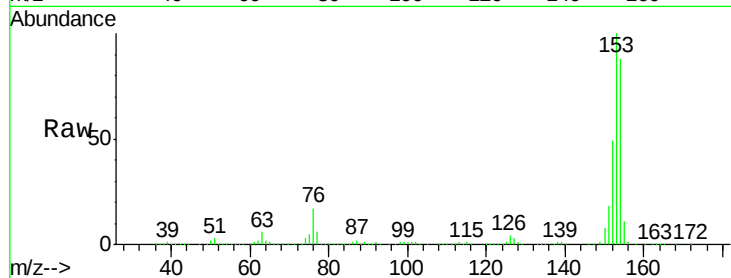
152 55.0 44.0 66.0

Manual Integrations

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SOHIL

10/18/2016 6:05:33 PM



#52

3-Nitroaniline

Concen: 39.19 ng

RT: 9.91 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

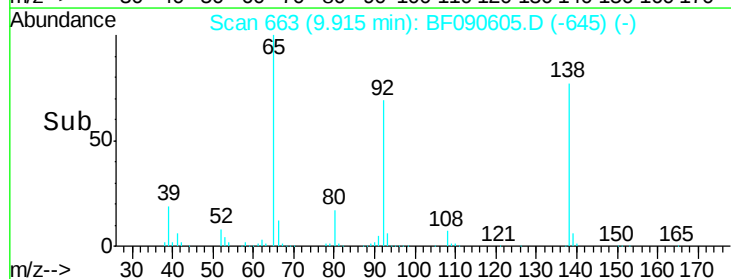
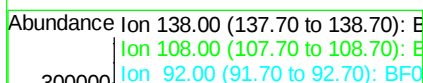
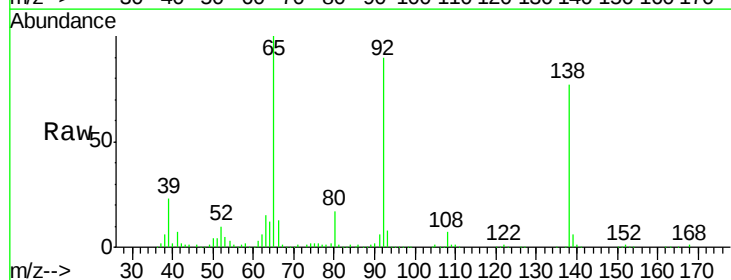
Tgt Ion:138 Resp: 326205

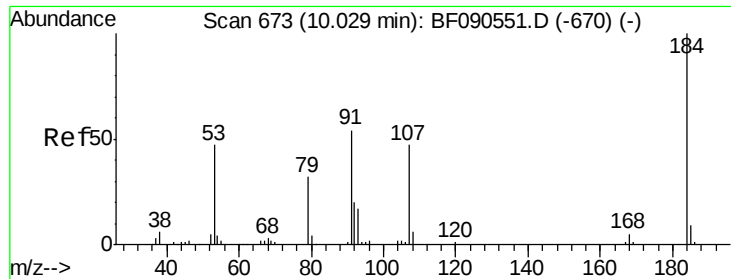
Ion Ratio Lower Upper

138 100

108 9.6 8.6 12.8

92 117.1 97.8 146.8





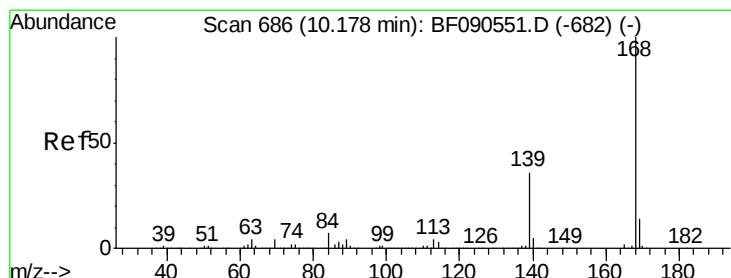
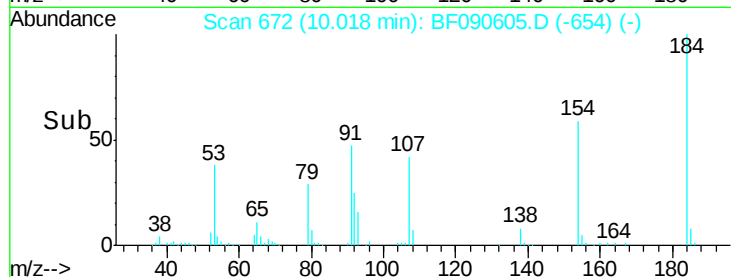
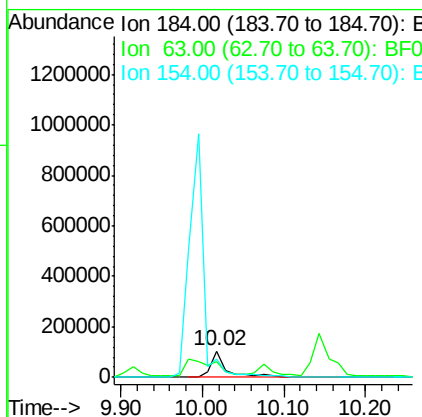
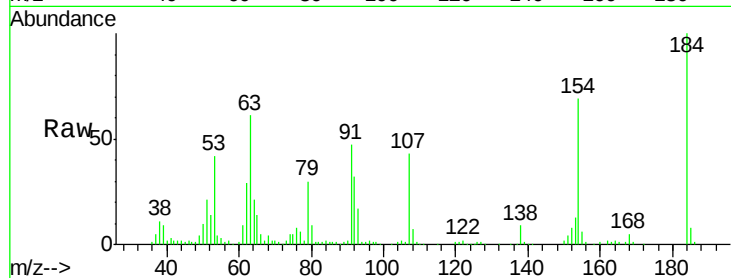
#53
2,4-Dinitrophenol
Concen: 43.87 ng
RT: 10.02 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.8	60.2	90.2
154	69.1	86.1	129.1

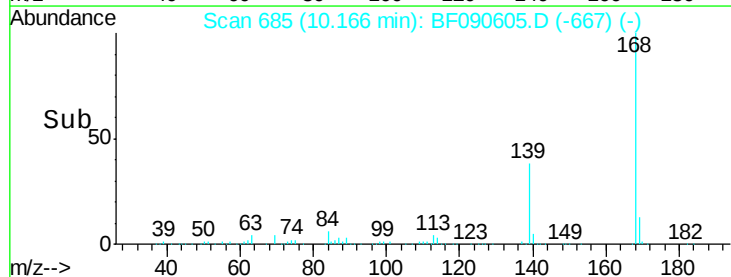
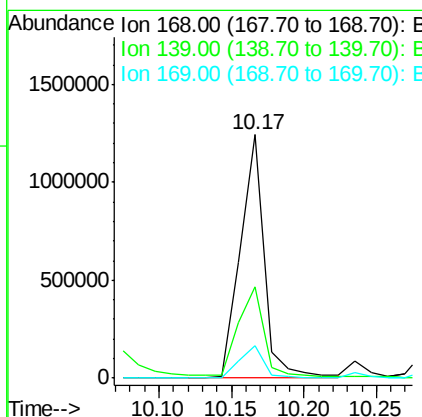
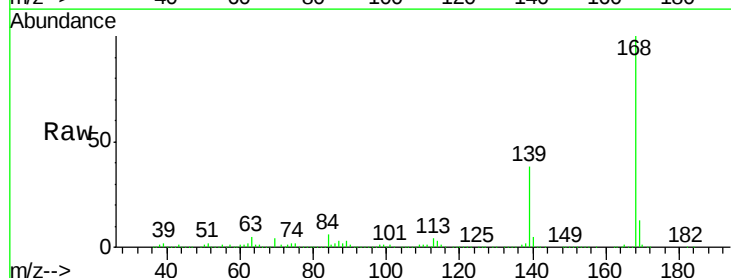
Manual Integrations
APPROVED

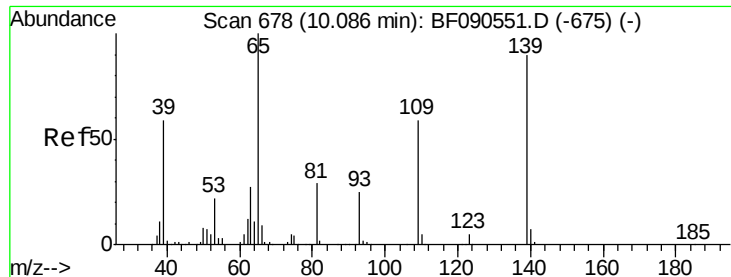
SOHIL
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#54
Dibenzofuran
Concen: 38.57 ng
RT: 10.17 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.5	45.7
169	13.4	10.9	16.3





#55

4-Nitrophenol

Concen: 40.57 ng

RT: 10.07 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:139 Resp: 203228

Ion Ratio Lower Upper

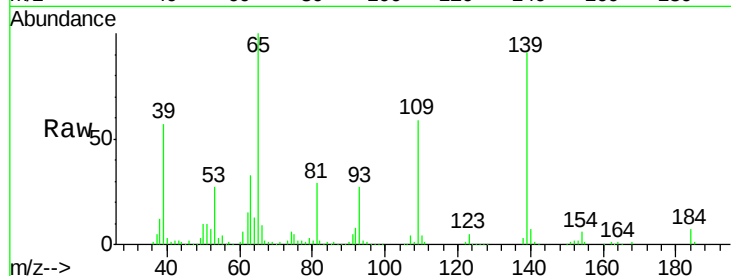
139 100

109 65.2 45.9 85.9

65 109.7 95.8 135.8

Manual Integrations
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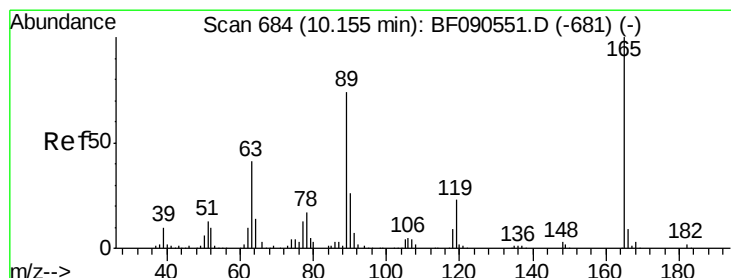
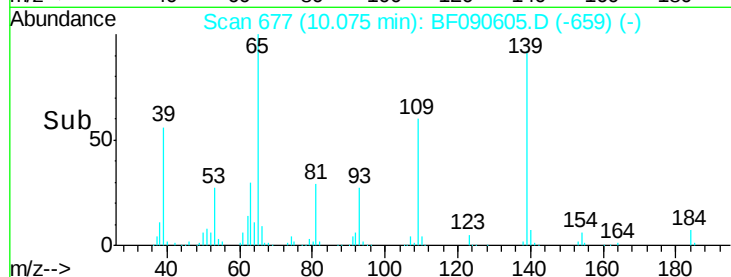
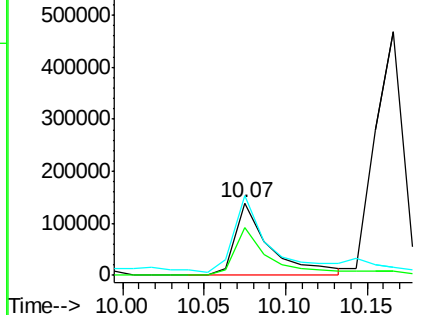
SOHIL
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.63 ng

RT: 10.14 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion:165 Resp: 375040

Ion Ratio Lower Upper

165 100

63 46.5 35.4 53.0

89 75.1 59.0 88.4

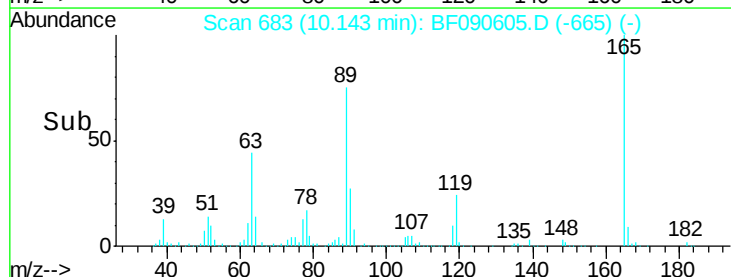
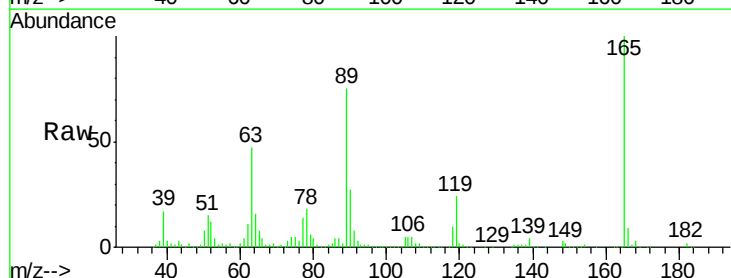
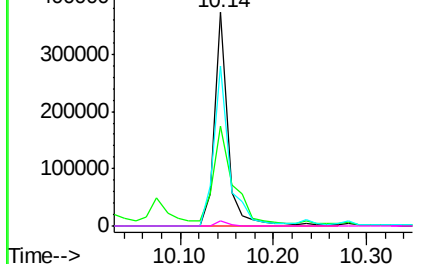
182 2.2 1.8 2.6

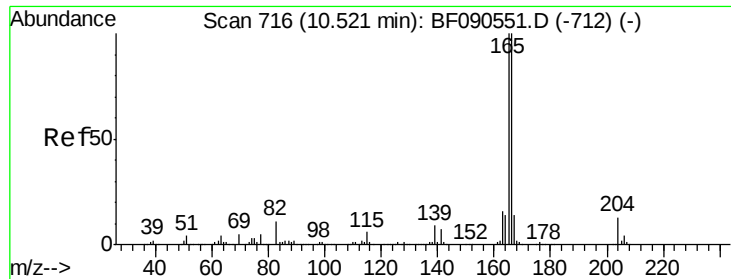
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.94 ng

RT: 10.51 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:166 Resp: 1215945

Ion Ratio Lower Upper

166 100

165 100.1 79.9 119.9

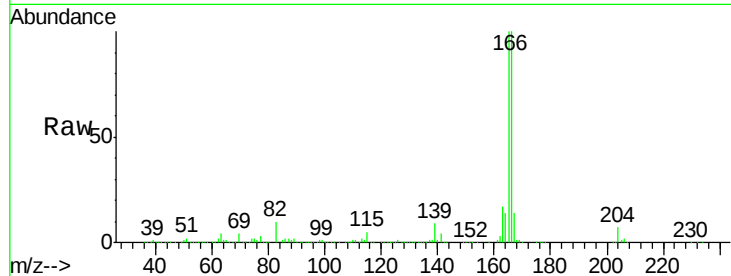
167 13.5 10.9 16.3

Manual Integrations

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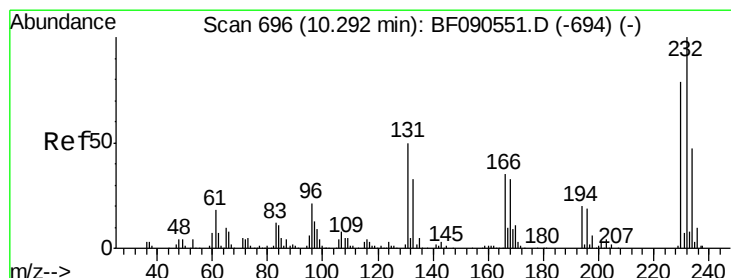
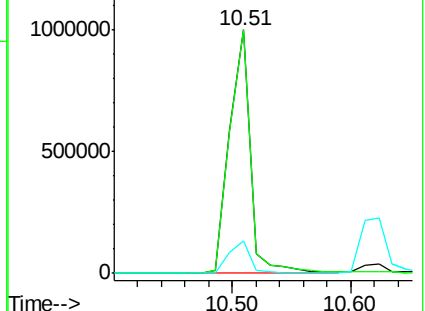
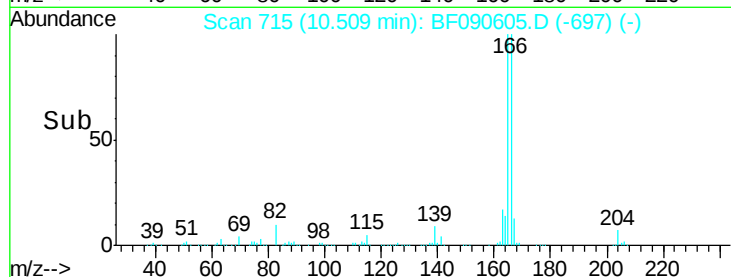
10/18/2016 6:05:33 PM



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: 42.87 ng

RT: 10.28 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion:232 Resp: 297588

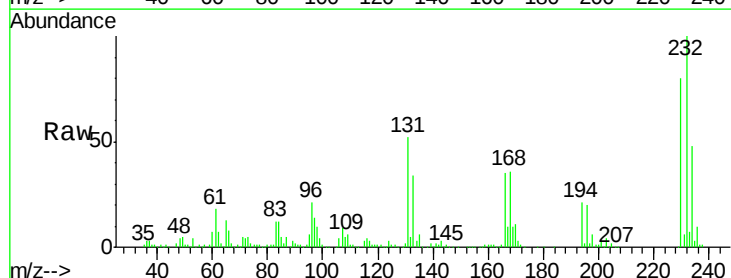
Ion Ratio Lower Upper

232 100

131 51.6 42.6 64.0

130 2.3 1.8 2.8

166 33.4 27.5 41.3

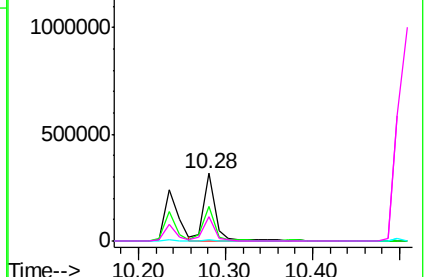
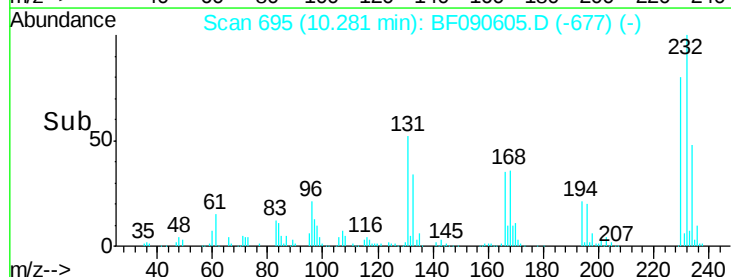


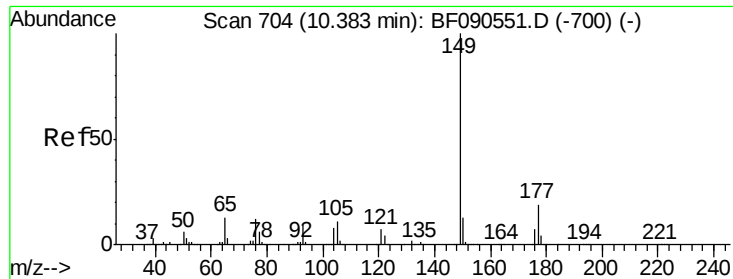
Abundance Ion 232.00 (231.70 to 232.70): E

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





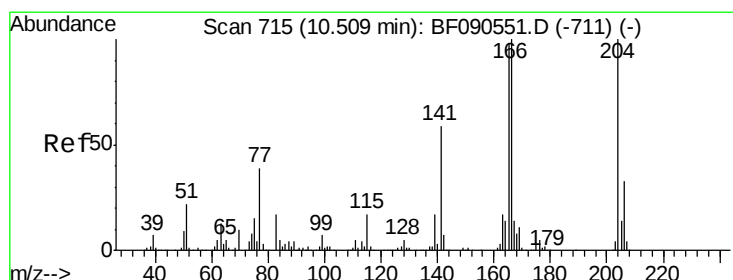
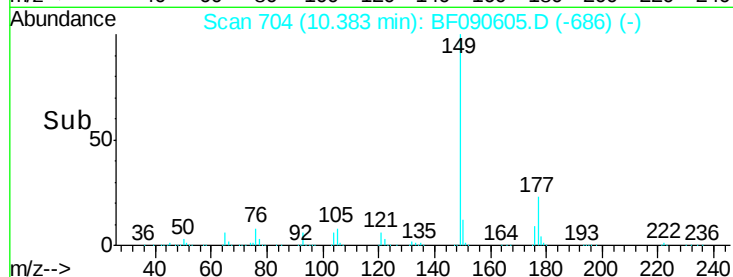
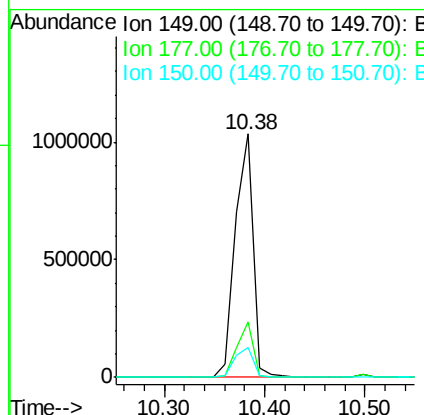
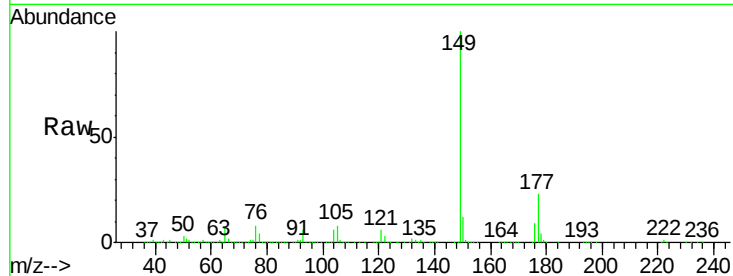
#59
Diethylphthalate
Concen: 41.57 ng
RT: 10.38 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	15.3	22.9
150	12.4	10.3	15.5

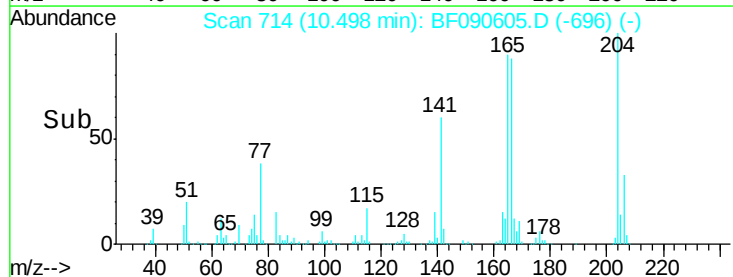
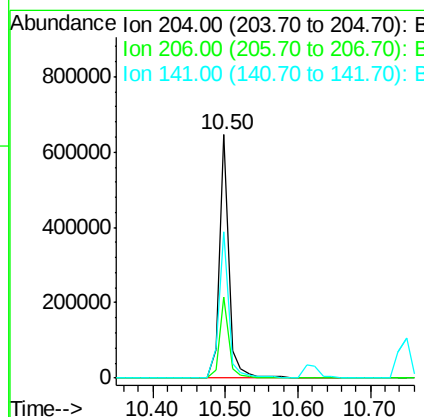
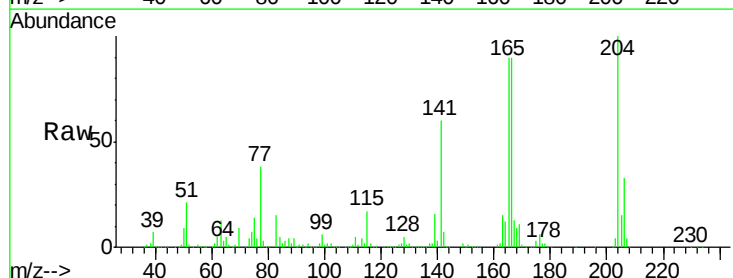
Manual Integrations
APPROVED

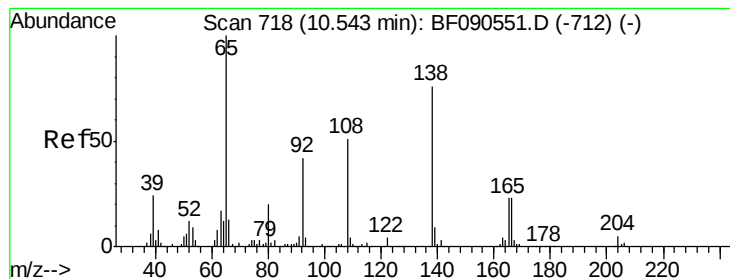
SOHIL
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#60
4-Chlorophenyl-phenylether
Concen: 41.00 ng
RT: 10.50 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	60.0	47.2	70.8





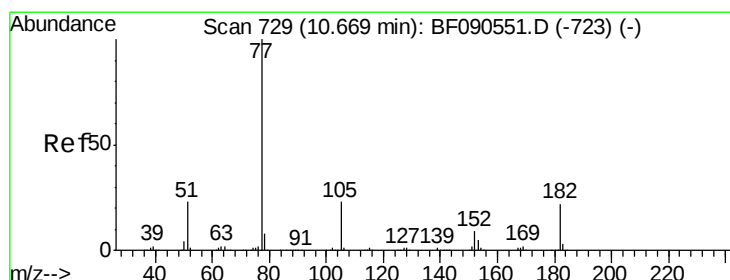
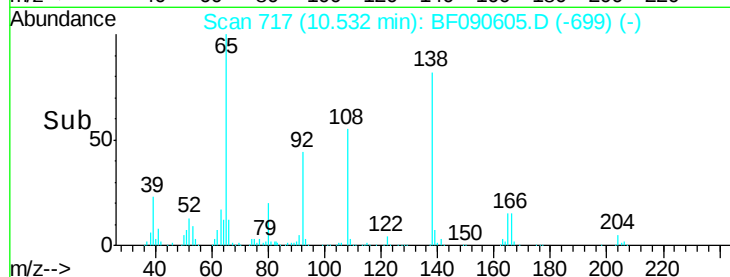
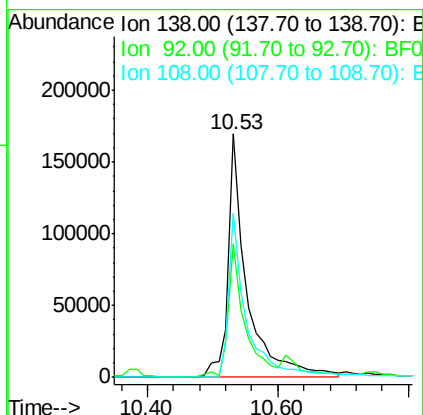
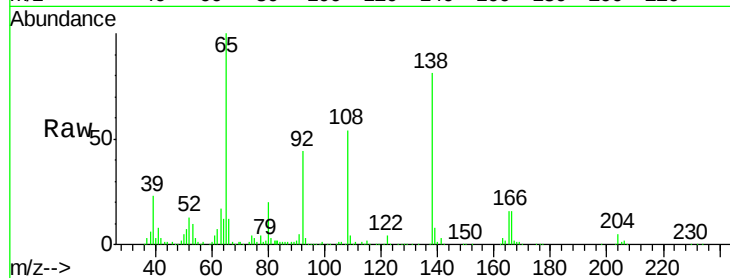
#61
4-Nitroaniline
Concen: 41.04 ng
RT: 10.53 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.8	35.7	75.7
108	67.4	46.9	86.9

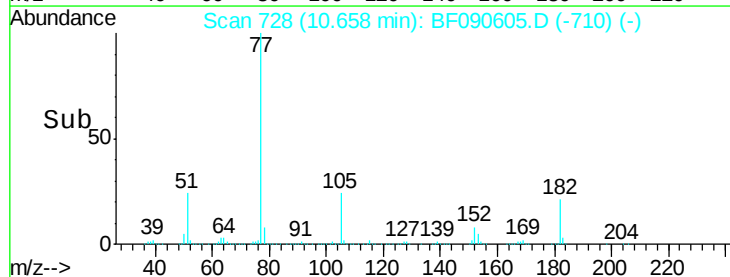
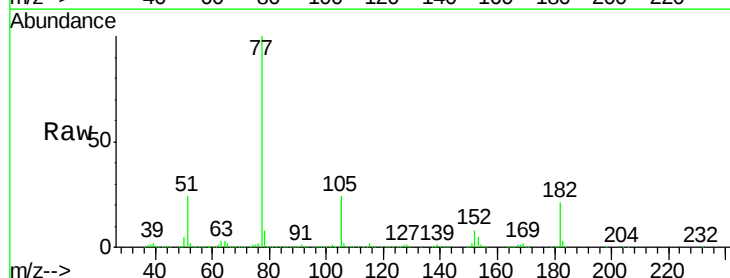
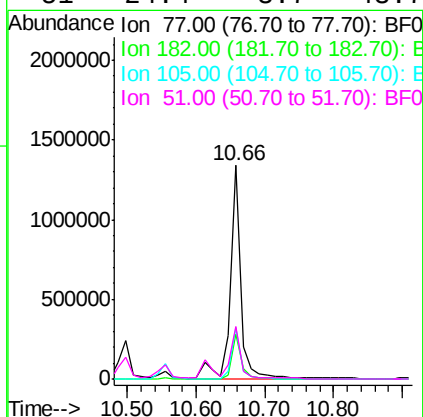
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APPROVED

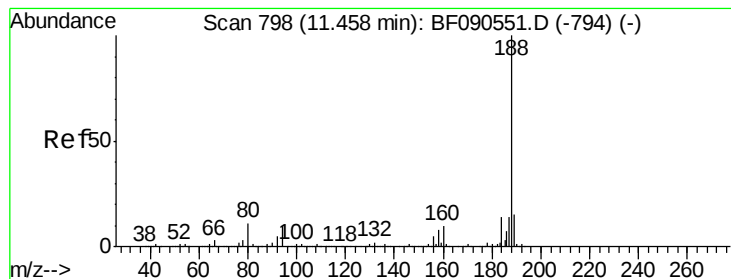
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#62
Azobenzene
Concen: 41.13 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.2	2.2	42.2
105	23.7	3.5	43.5
51	24.4	3.7	43.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

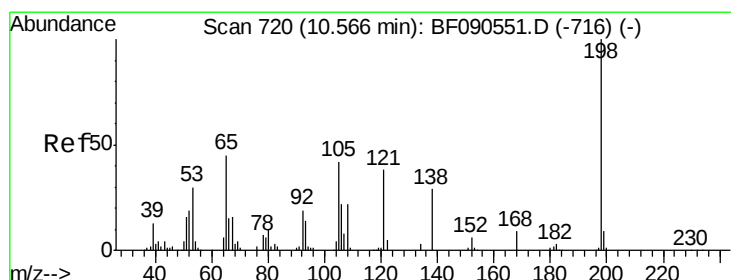
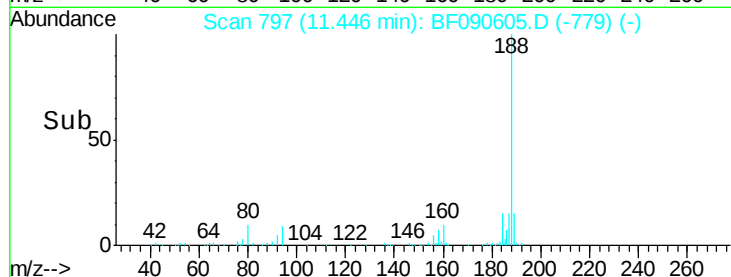
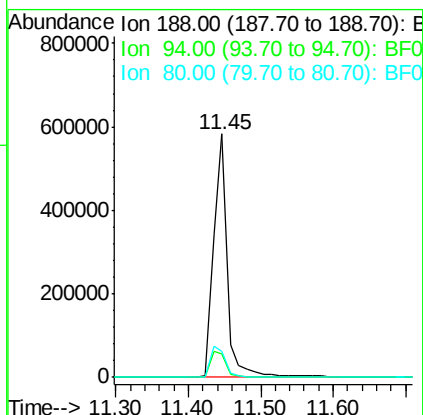
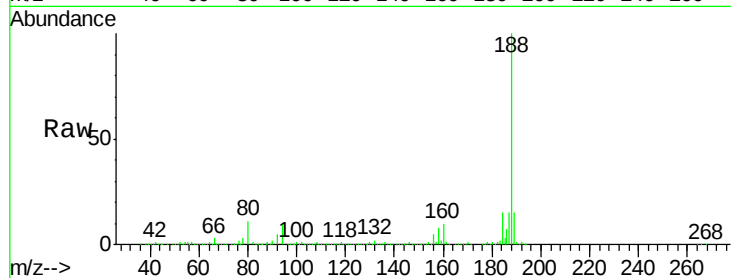
ClientSampleId :

SSTDCCCC040

Tot Ion:	188	Resp:	760027
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.7	11.5
80	10.5	8.6	12.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.46 ng

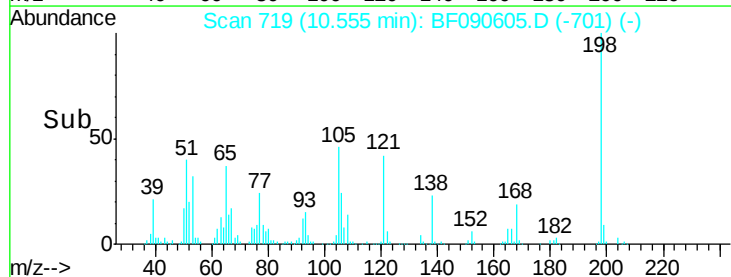
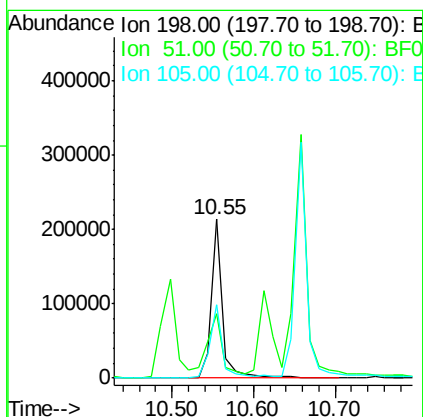
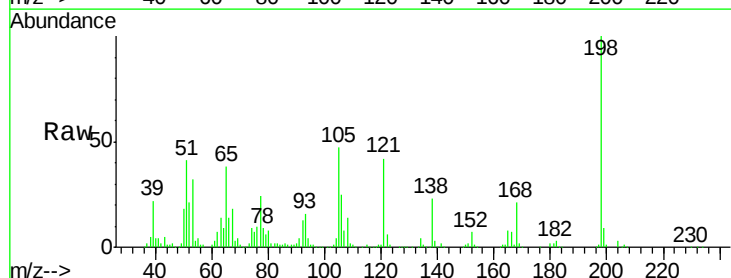
RT: 10.55 min Scan# 719

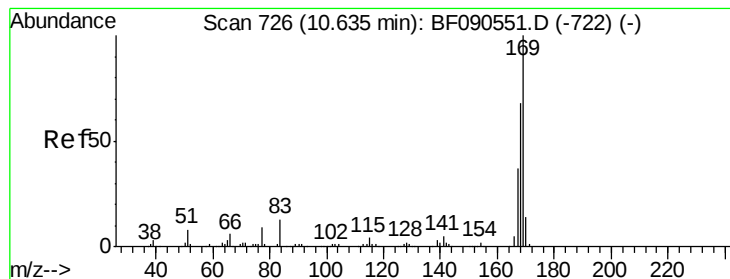
Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion:	198	Resp:	209095
Ion Ratio	Lower	Upper	
198	100		
51	40.6	19.7	59.7
105	46.6	22.6	62.6





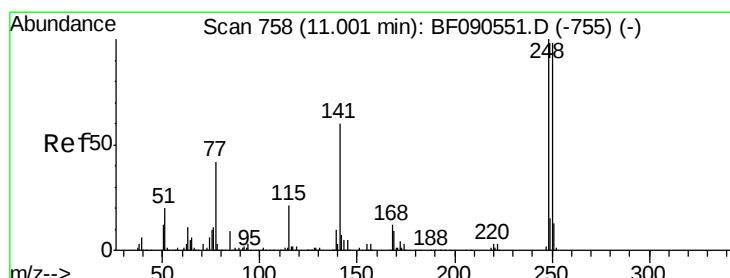
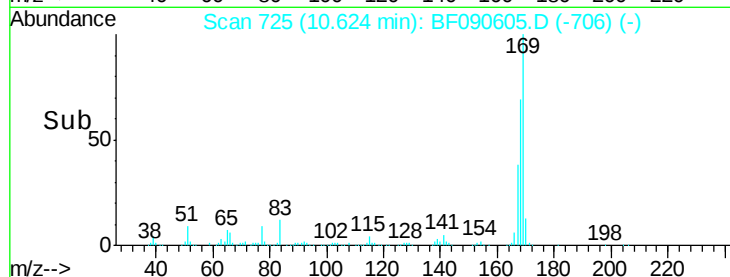
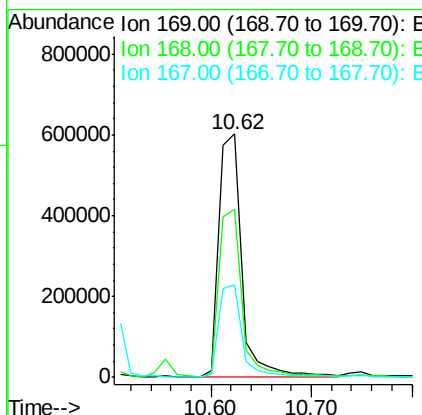
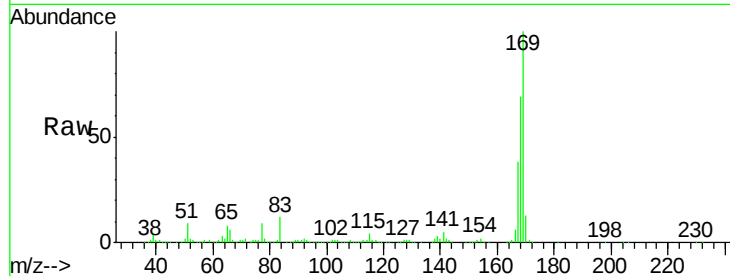
#65
n-Nitrosodiphenylamine
Concen: 38.01 ng
RT: 10.62 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	954339		
168	69.0		54.6	81.8
167	38.2		29.8	44.8

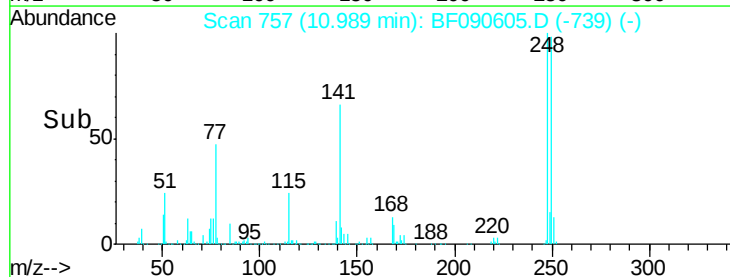
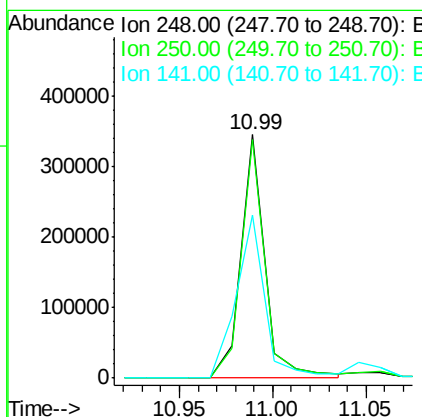
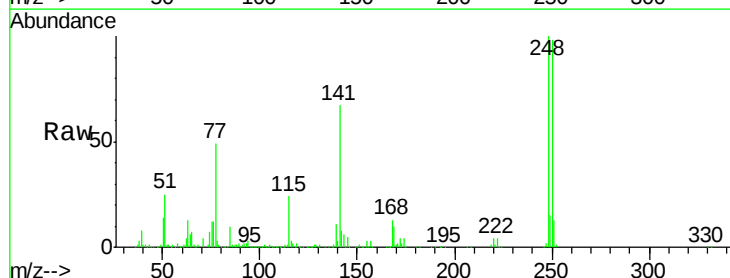
Manual Integrations
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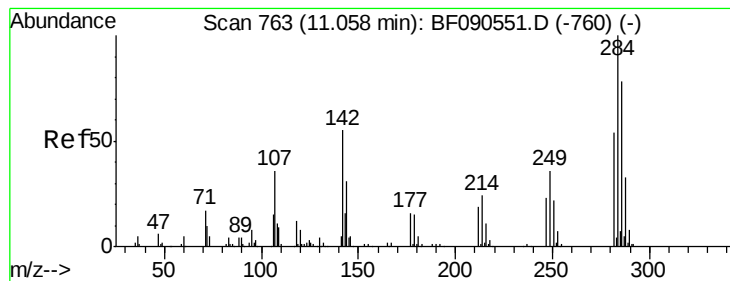
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#66
4-Bromophenyl-phenylether
Concen: 38.07 ng
RT: 10.99 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	310437		
250	98.1		78.4	117.6
141	67.0		48.4	72.6





#67

Hexachlorobenzene

Concen: 41.99 ng

RT: 11.06 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

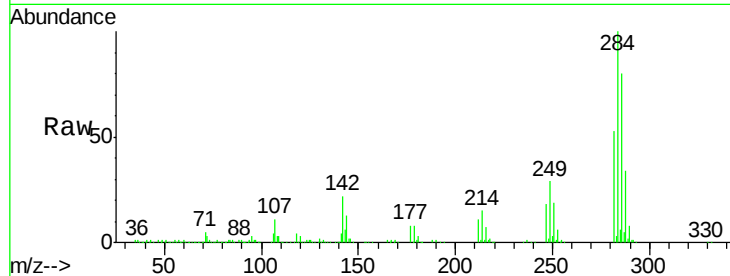
ClientSampleId :

SSTDCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	371743		
142	21.5	44.5	66.7#	
249	29.2	29.6	44.4#	

Manual Integrations
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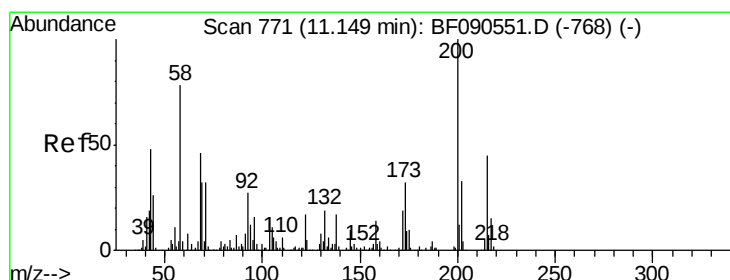
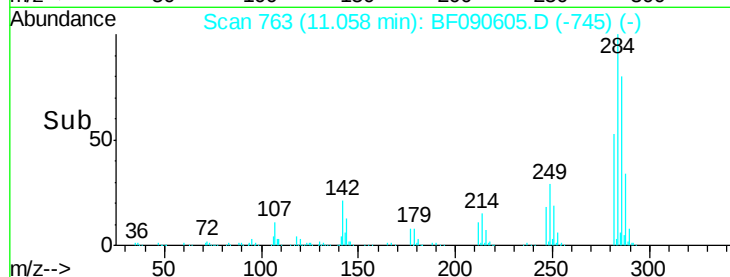
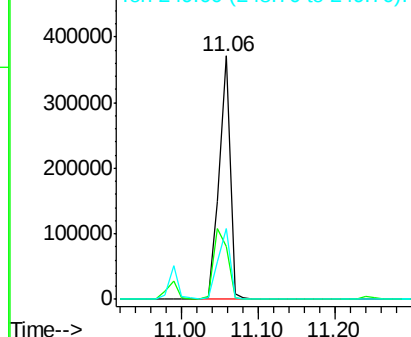
SOHIL
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.60 ng

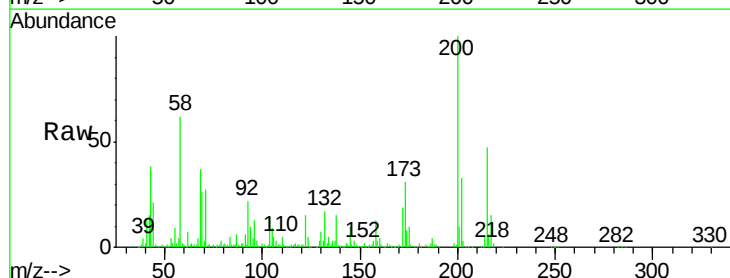
RT: 11.15 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

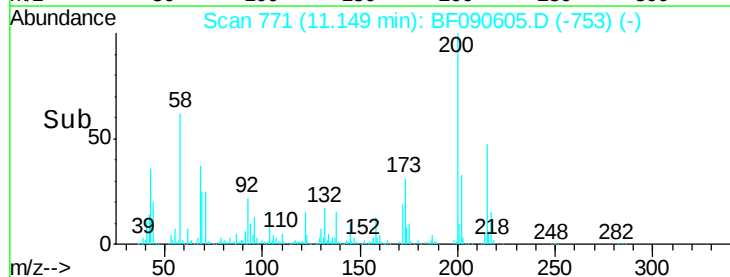
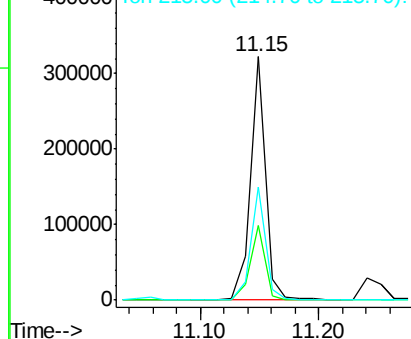
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	288861		
173	30.6	12.0	52.0	
215	46.6	25.2	65.2	

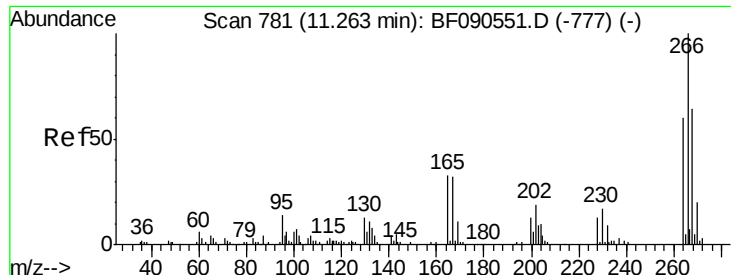


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





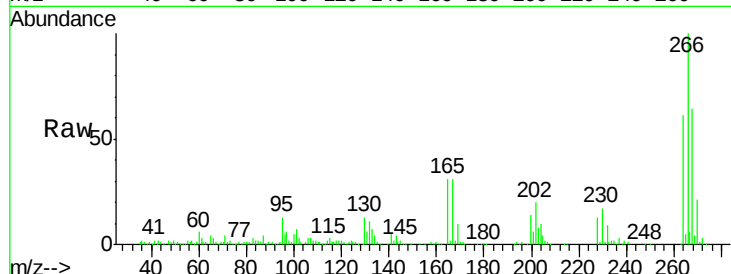
#69
 Pentachlorophenol
 Concen: 44.60 ng
 RT: 11.25 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

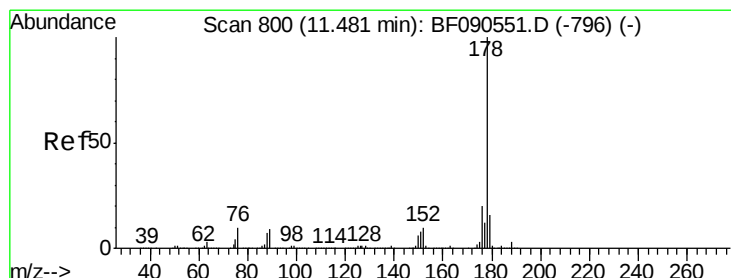
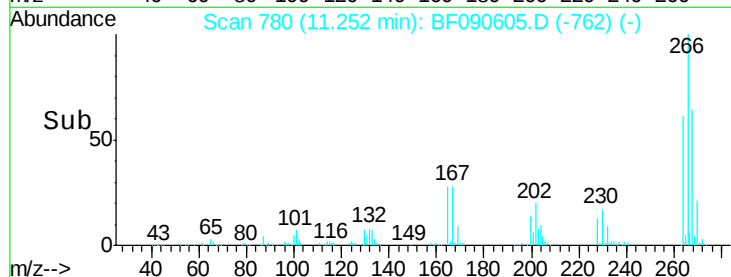
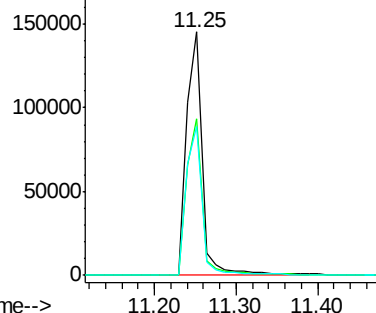
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.5	77.3
264	61.1	47.9	71.9

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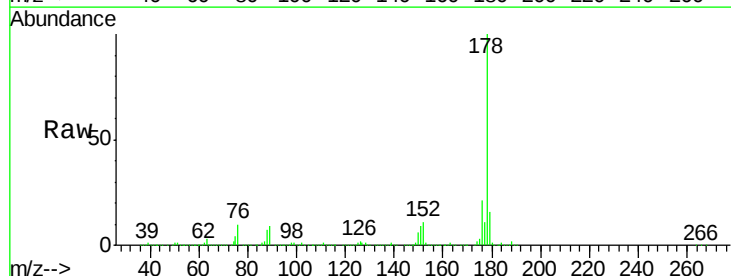


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

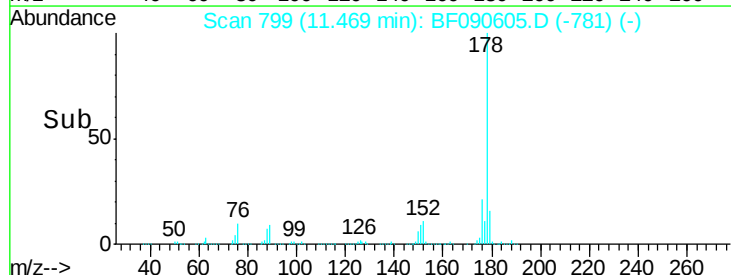
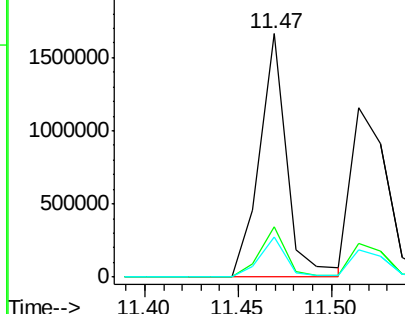


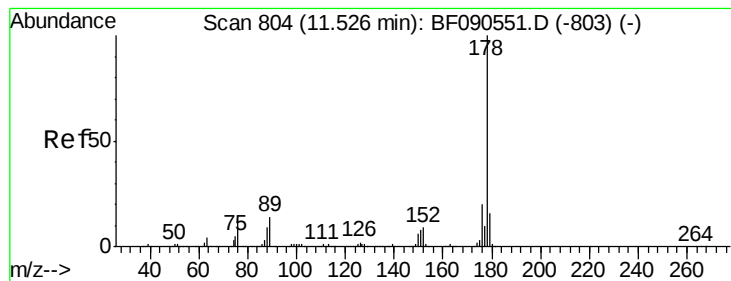
#70
 Phenanthrene
 Concen: 41.35 ng
 RT: 11.47 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.1	24.1
179	16.3	12.6	19.0



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





#71
 Anthracene
 Concen: 37.88 ng
 RT: 11.52 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

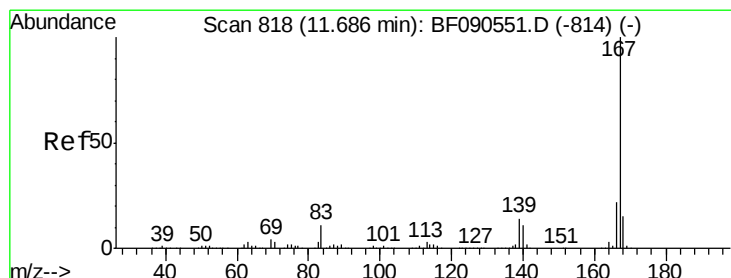
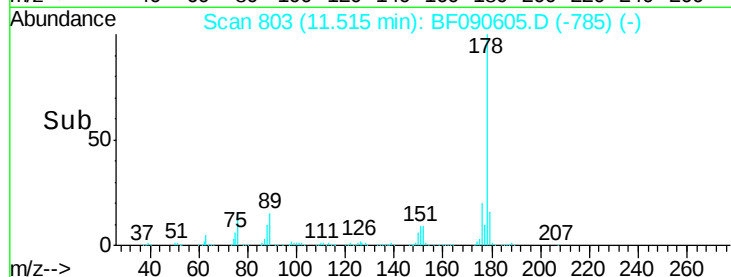
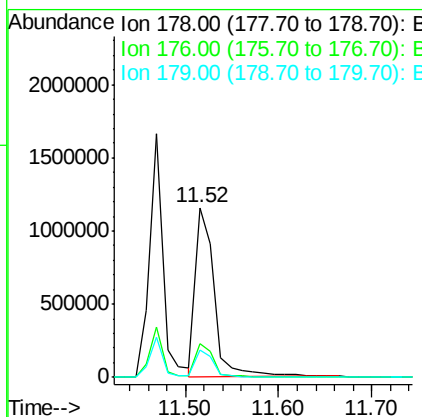
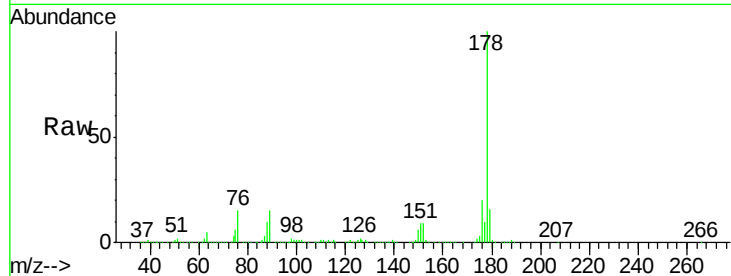
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

Tot Ion:178 Resp: 1654189

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.9	13.0	19.4

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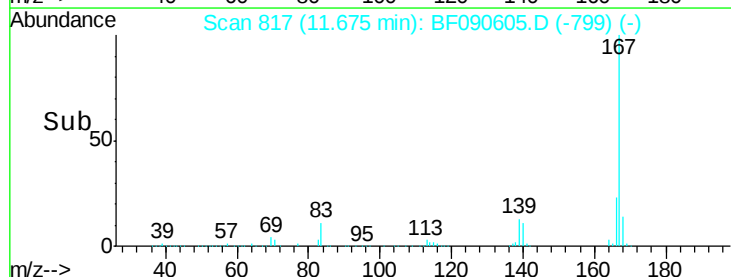
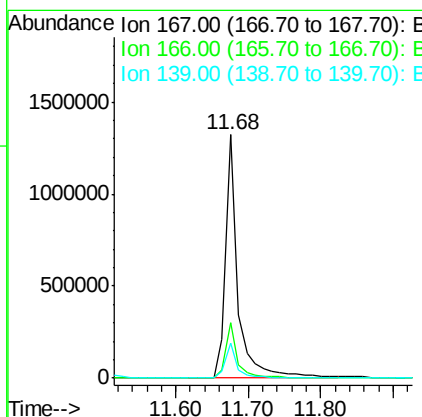
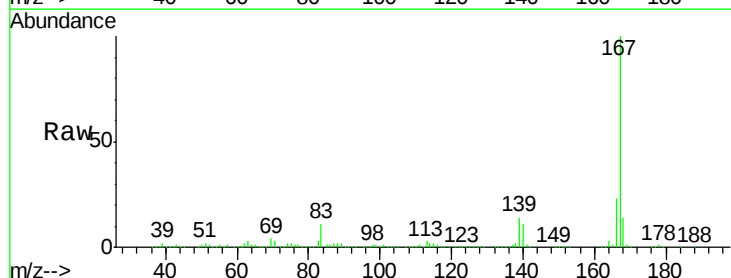
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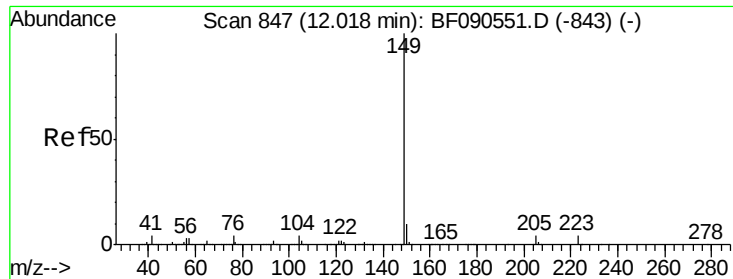


#72
 Carbazole
 Concen: 40.72 ng
 RT: 11.68 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion:167 Resp: 1591655

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.8
139	14.3	11.3	16.9





#73

Di-n-butylphthalate

Concen: 44.60 ng

RT: 12.01 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:149 Resp: 2042169

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

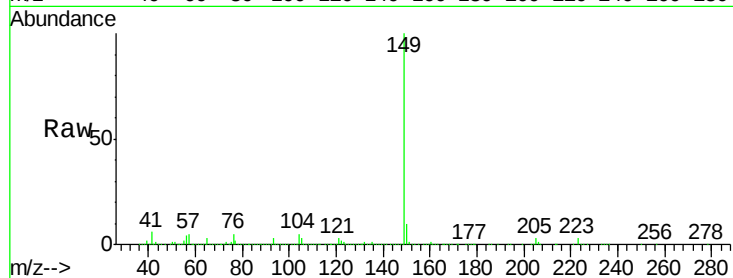
104 5.1 3.3 4.9#

Manual Integrations

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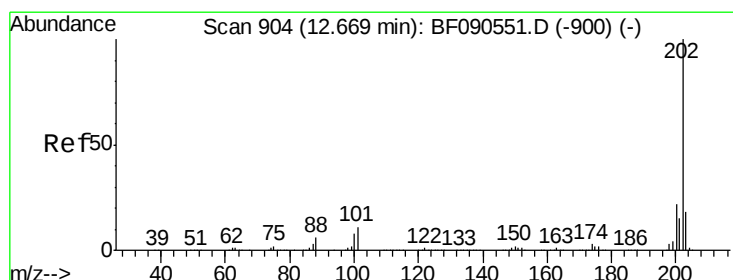
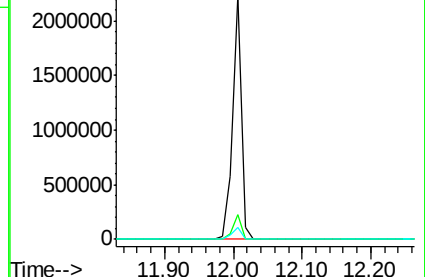
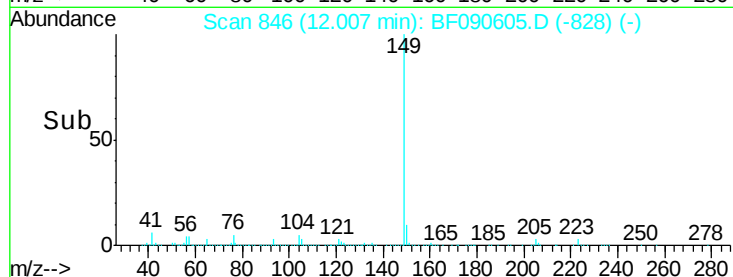
10/18/2016 6:05:33 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.16 ng

RT: 12.66 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

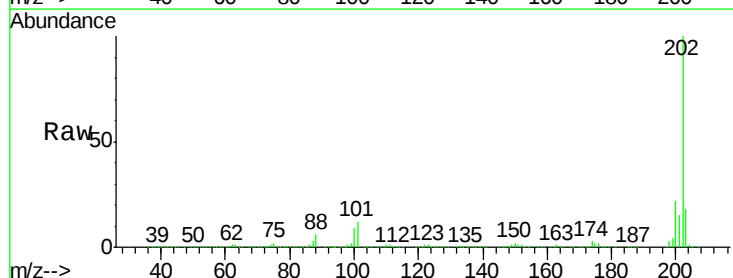
Tgt Ion:202 Resp: 1720431

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.1

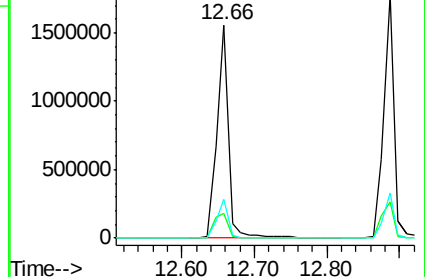
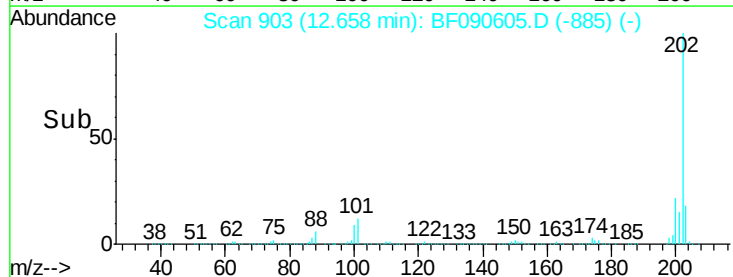
203 18.1 0.0 38.0

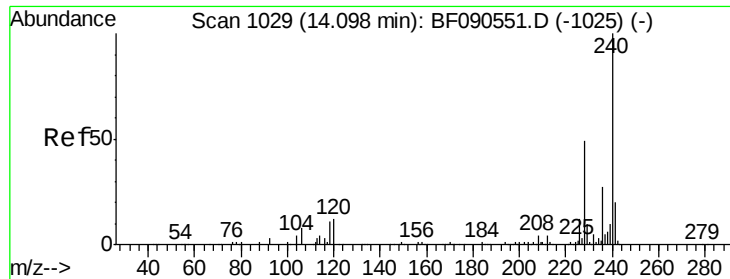


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

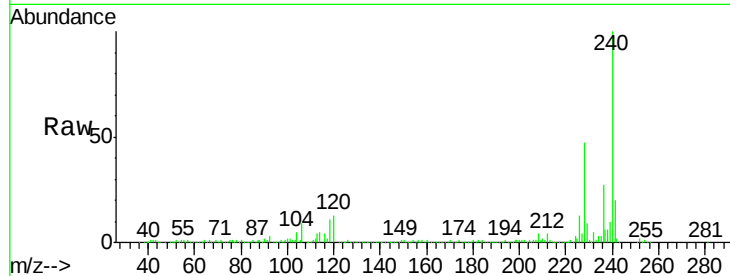
ClientSampleId :

SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.8	14.8
236	27.0	21.7	32.5

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.09

600000

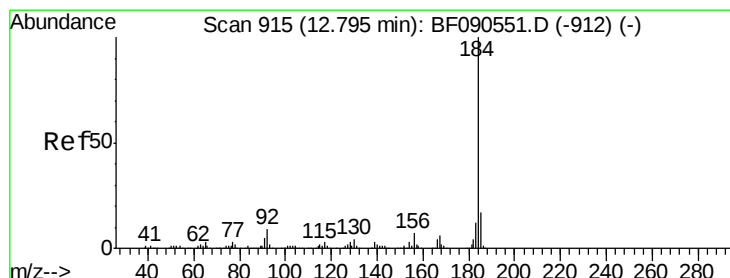
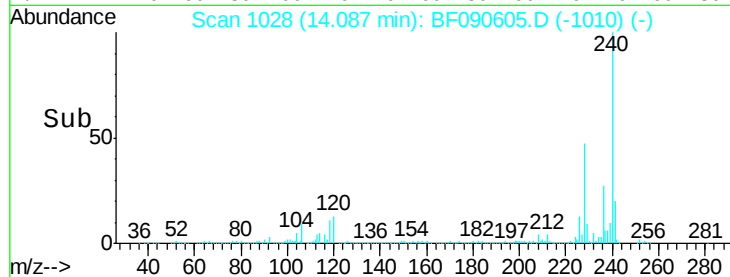
400000

200000

0

14.00 14.10 14.20

Time-->



#76

Benzidine

Concen: 32.04 ng

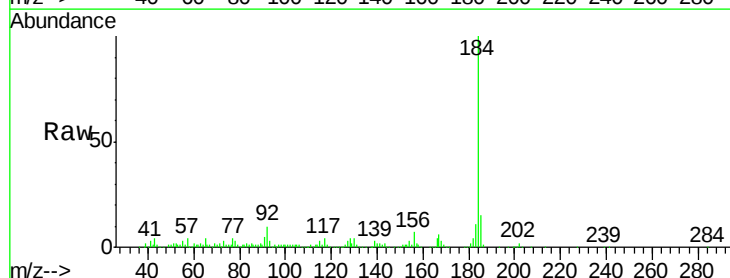
RT: 12.78 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.4	20.0
183	10.9	9.4	14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.78

300000

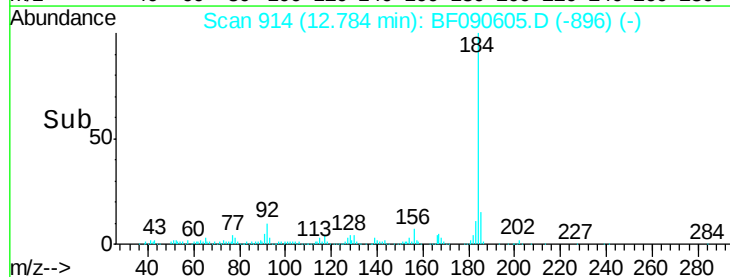
200000

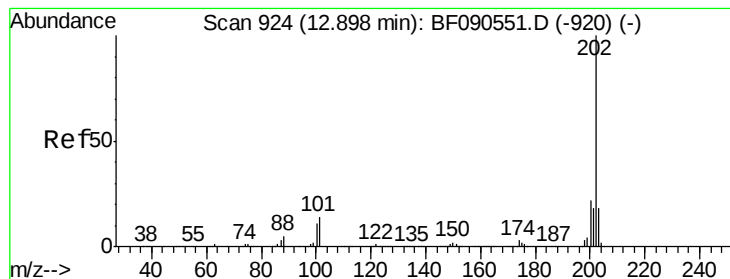
100000

0

12.70 12.80 12.90

Time-->





#77

Pvrene

Concen: 41.61 ng

RT: 12.89 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:202 Resp: 1770380

Ion Ratio Lower Upper

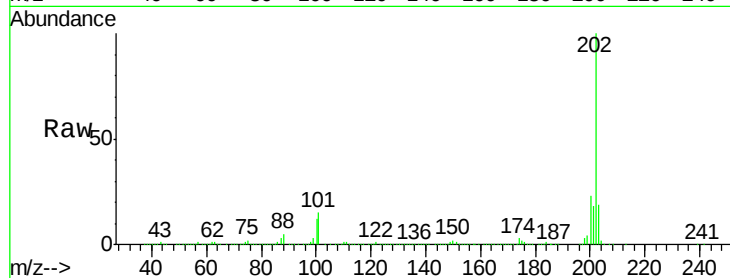
202 100

200 22.7 17.8 26.6

203 18.6 14.6 21.8

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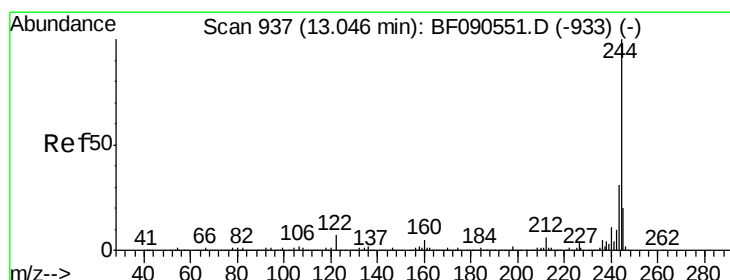
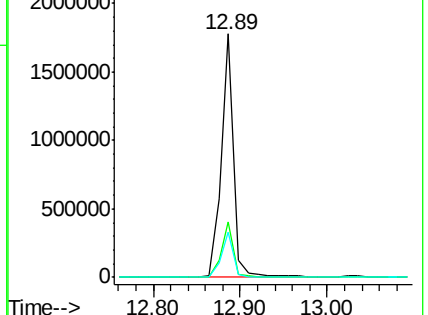
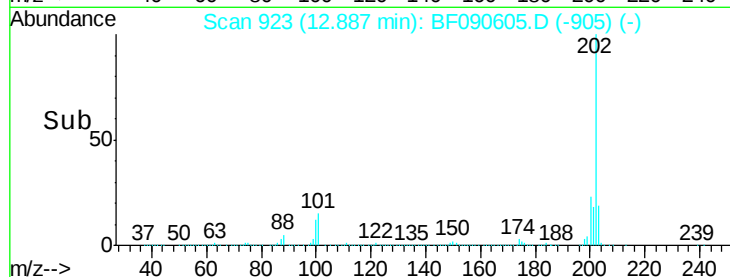
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.61 ng

RT: 13.04 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

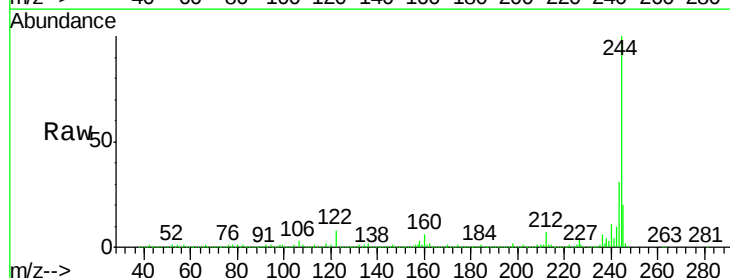
Tgt Ion:244 Resp: 2279085

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

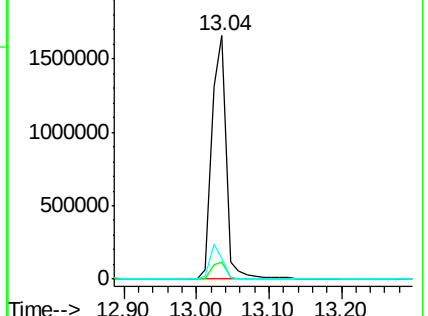
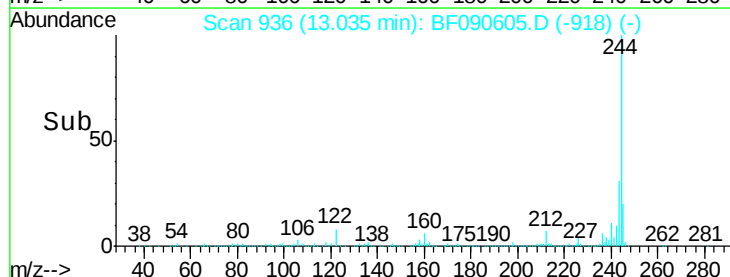
122 8.4 5.6 8.4

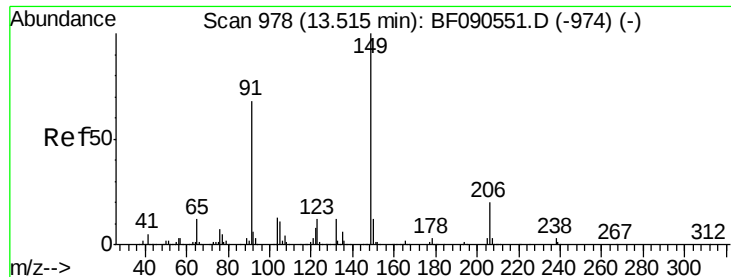


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





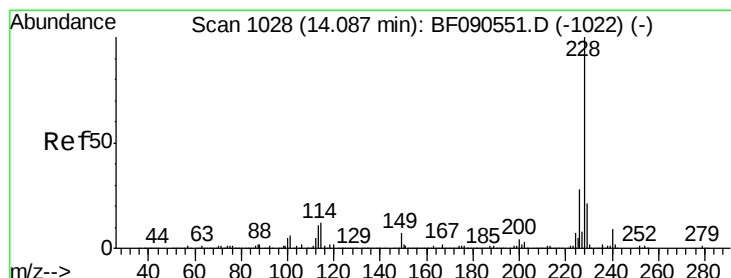
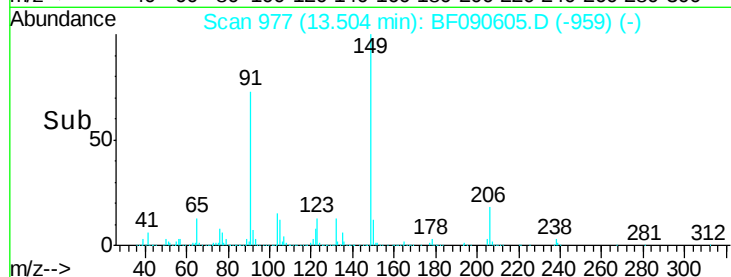
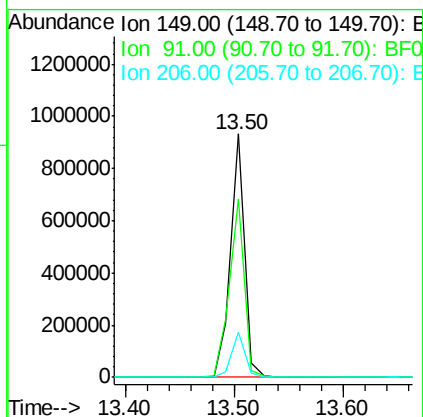
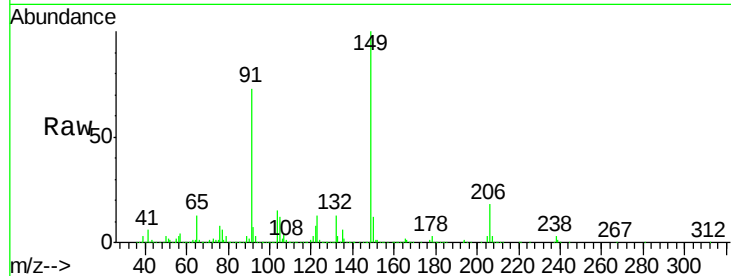
#79
Butylbenzylphthalate
Concen: 44.32 ng
RT: 13.50 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	54.3	81.5
206	18.4	15.8	23.6

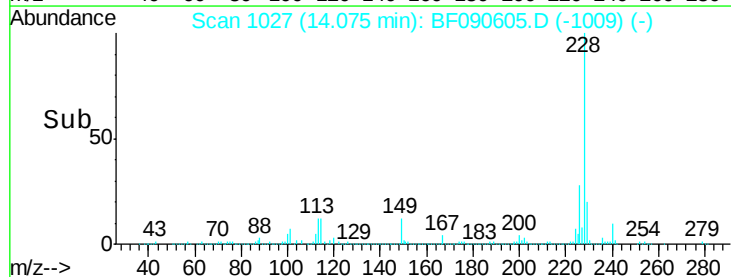
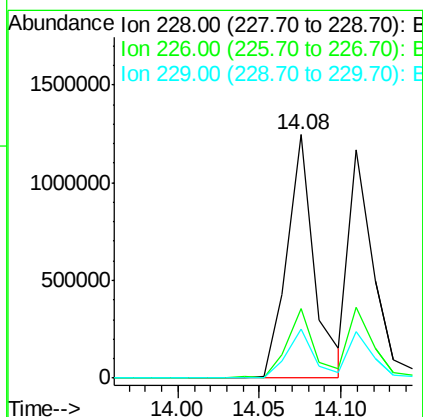
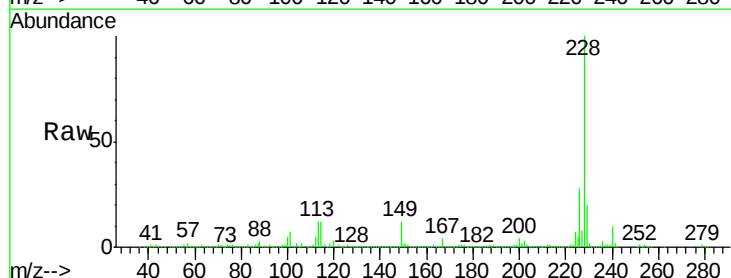
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 39.99 ng
RT: 14.08 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.8	34.2
229	20.3	16.6	25.0





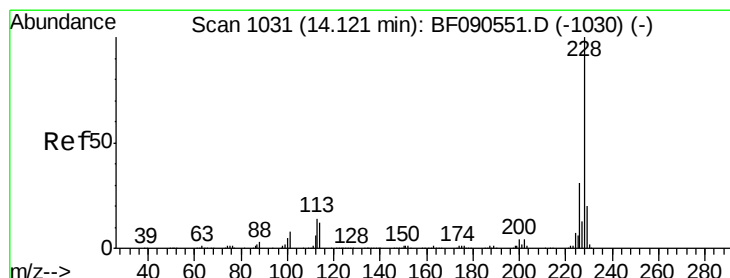
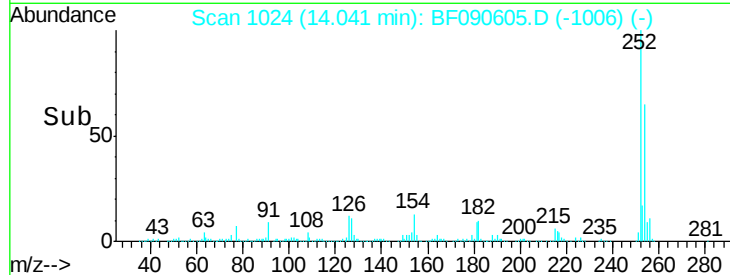
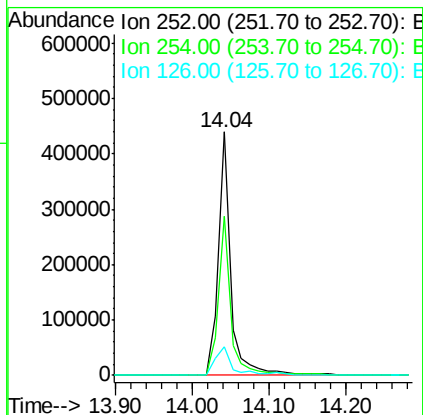
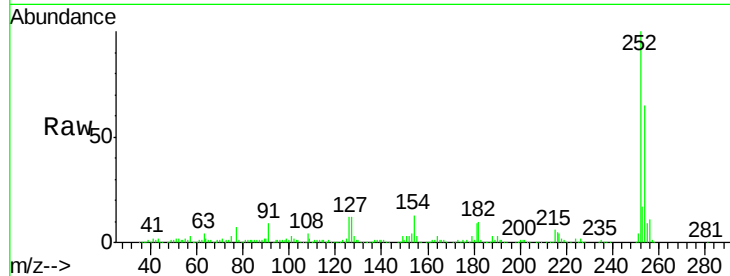
#81
 3,3'-Dichlorobenzidine
 Concen: 39.90 ng
 RT: 14.04 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	11.8	9.3	13.9

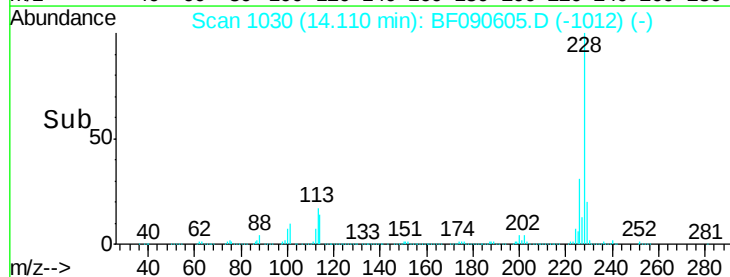
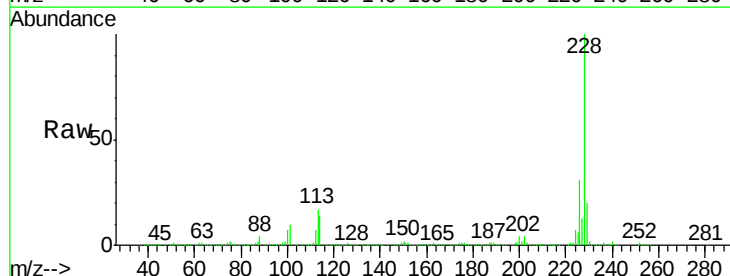
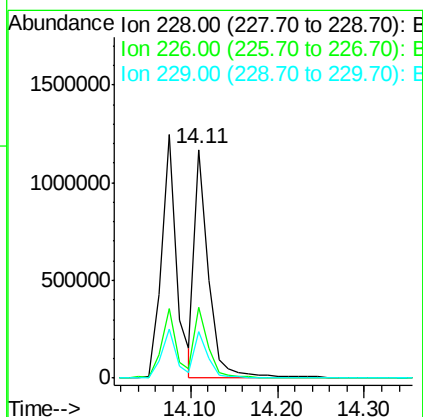
Manual Integrations
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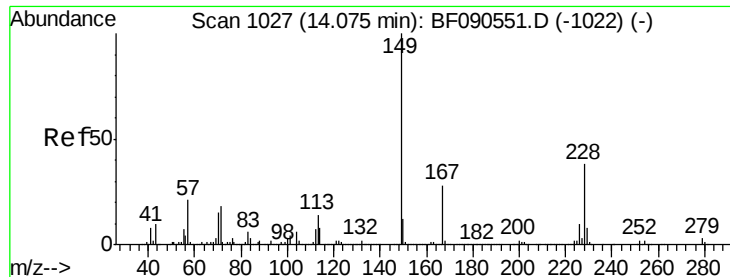
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#82
 Chrysene
 Concen: 36.95 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	20.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.79 ng

RT: 14.06 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCCC040

Tot Ion:149 Resp: 1316986

Ion Ratio Lower Upper

149 100

167 27.2 22.1 33.1

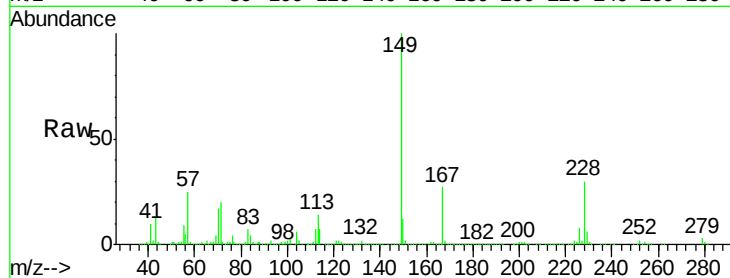
279 2.8 2.6 4.0

Manual Integrations

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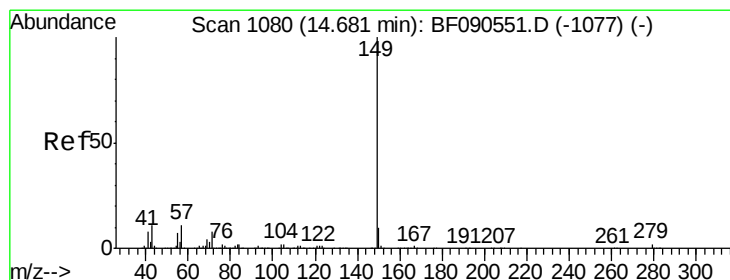
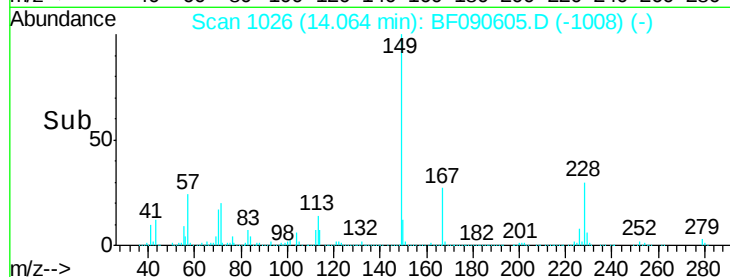
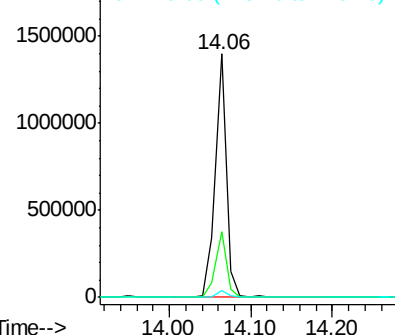
10/18/2016 6:05:33 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.08 ng

RT: 14.68 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF090605.D

Acq: 17 Oct 2016 14:10

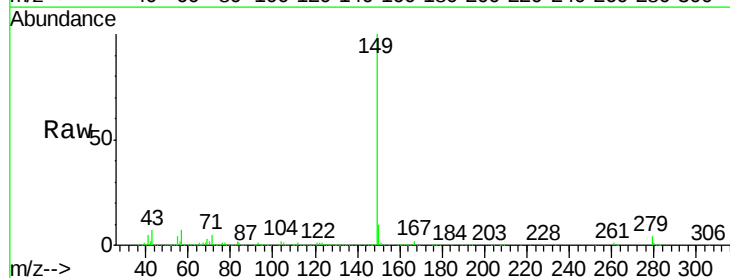
Tgt Ion:149 Resp: 1400775

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

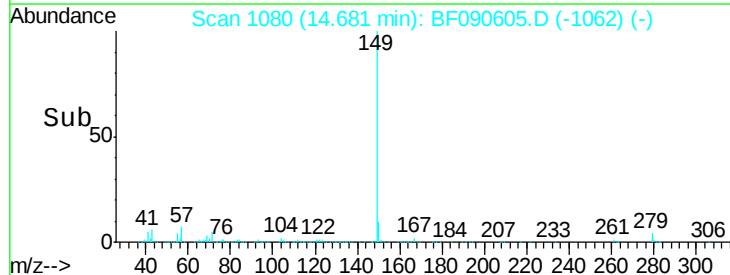
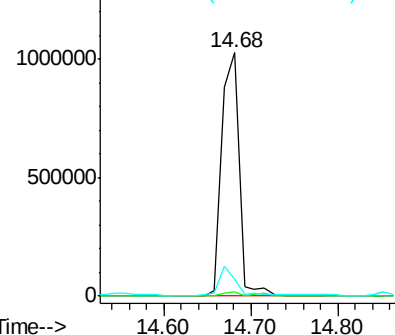
43 10.4 6.7 10.1#

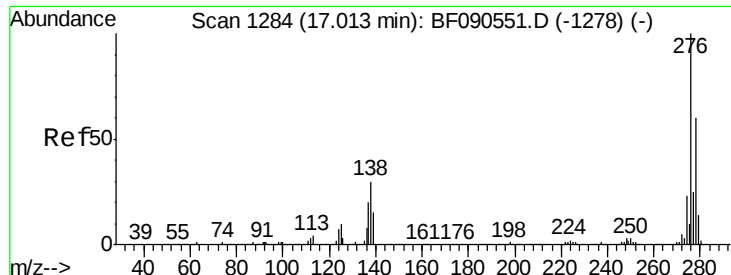


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





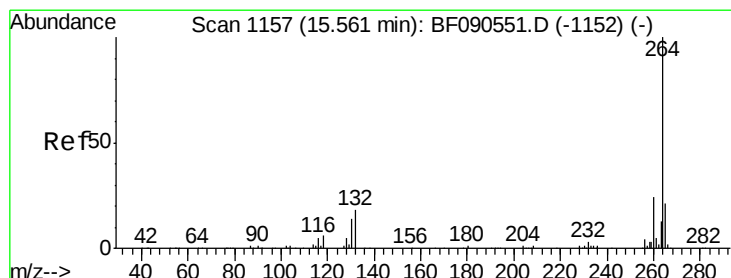
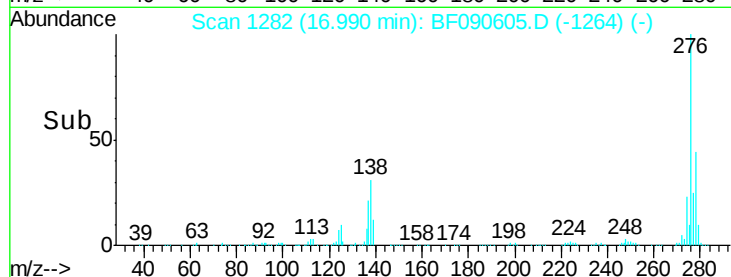
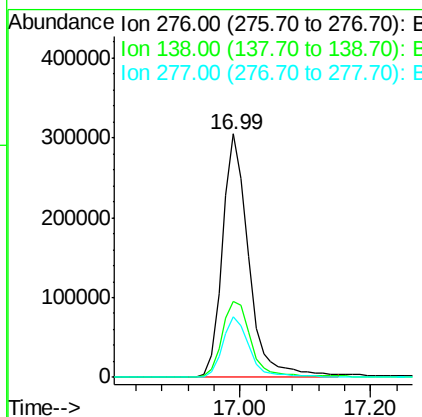
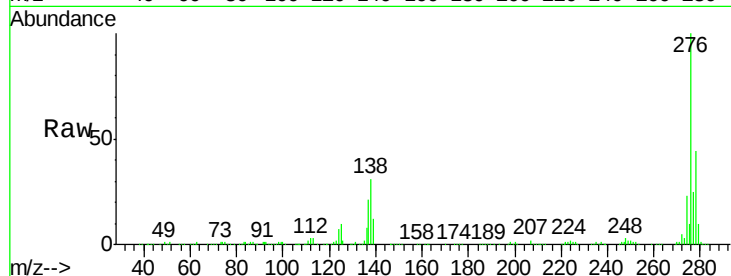
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.13 ng
RT: 16.99 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.3	25.8	38.6
277	25.2	20.1	30.1

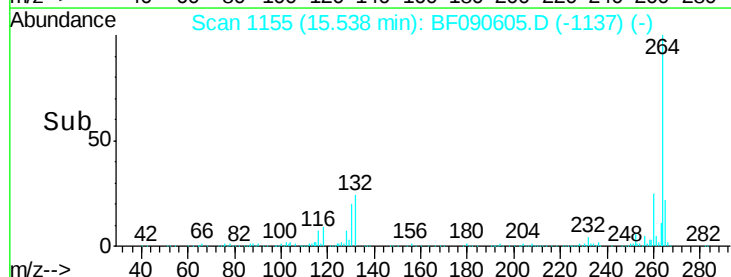
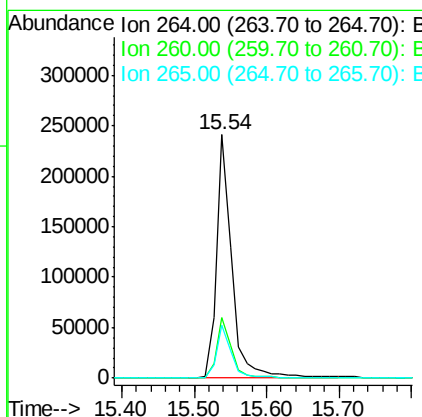
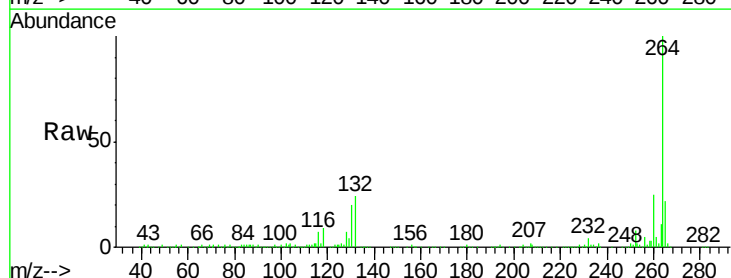
Manual Integrations
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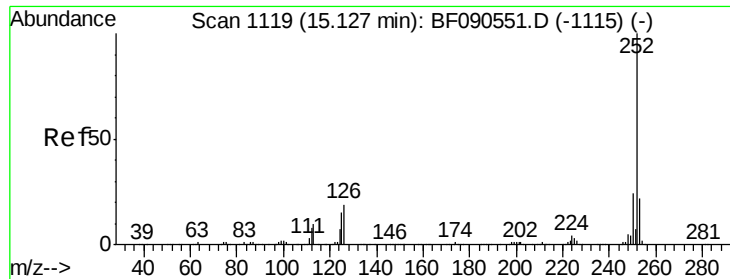
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	21.9	16.7	25.1





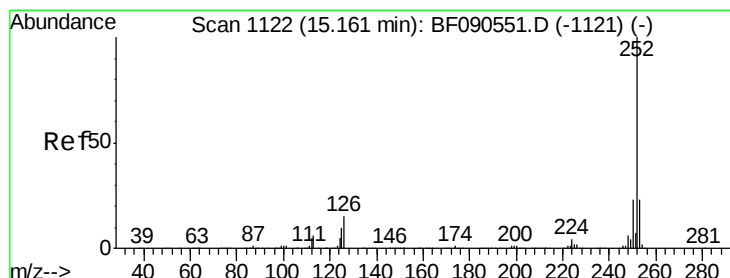
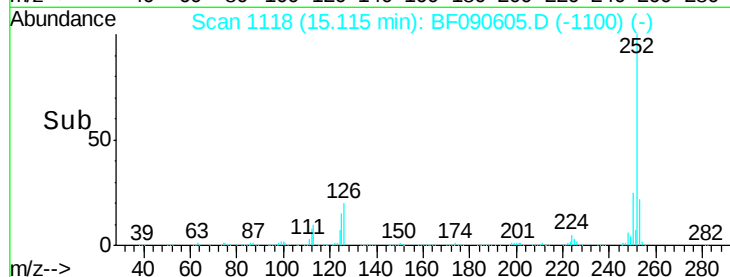
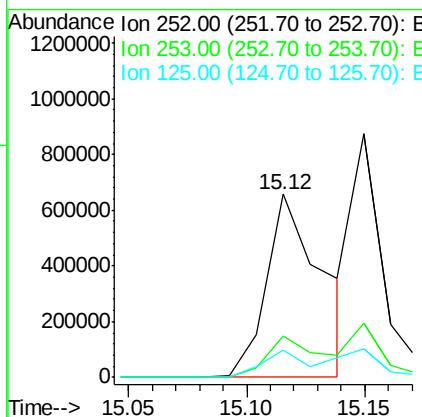
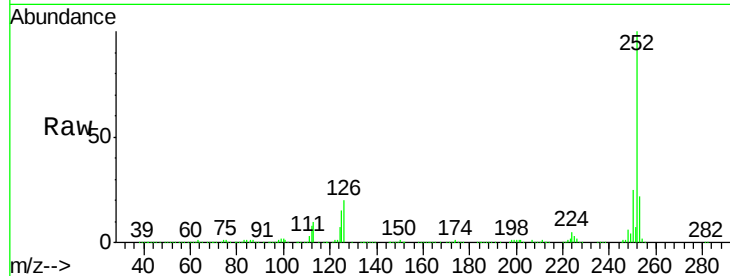
#87
Benzo(b)fluoranthene
Concen: 46.52 ng m
RT: 15.12 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion:252 Resp: 1079803
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 14.7 12.0 18.0

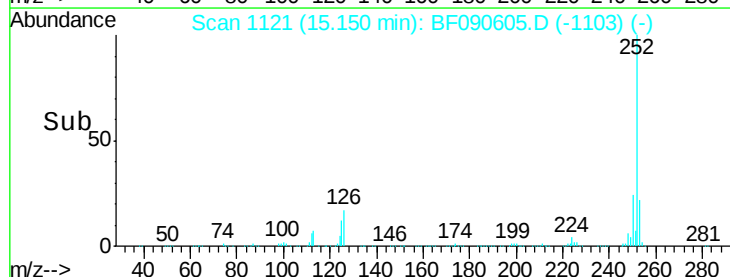
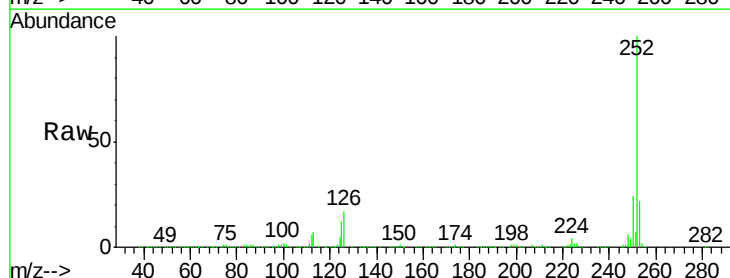
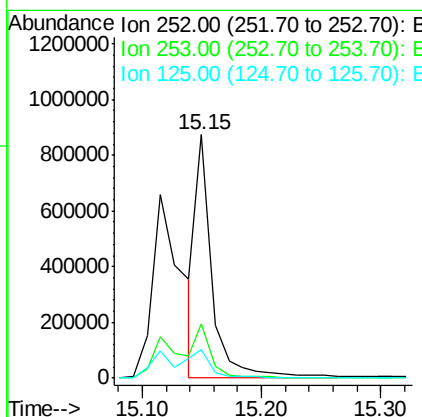
Manual Integrations
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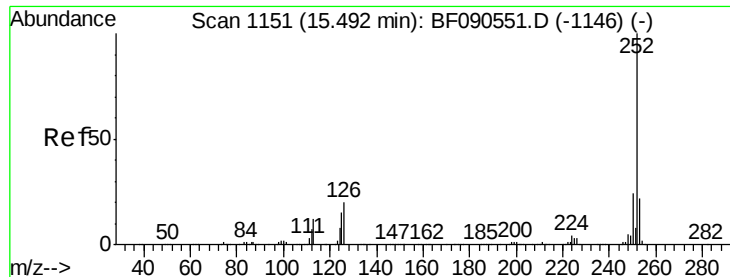
SOHIL
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#88
Benzo(k)fluoranthene
Concen: 34.67 ng m
RT: 15.15 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion:252 Resp: 865843
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.6 10.0 15.0





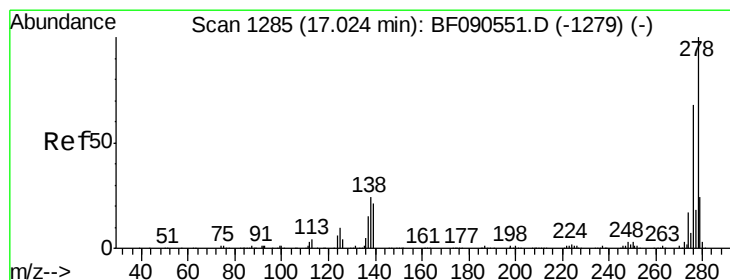
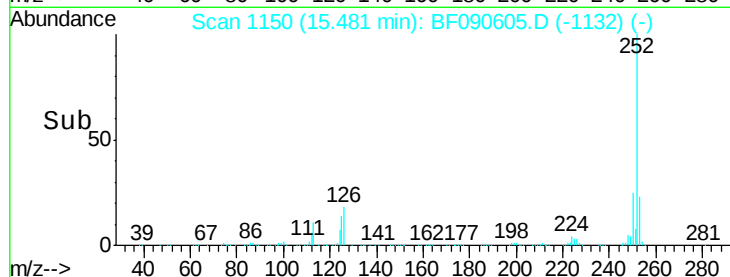
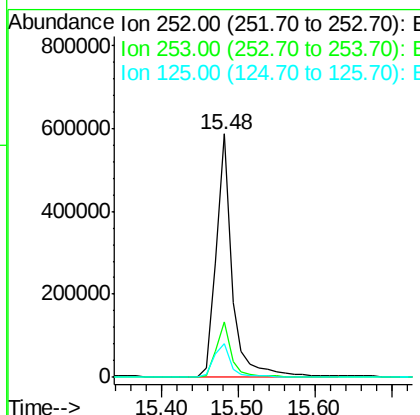
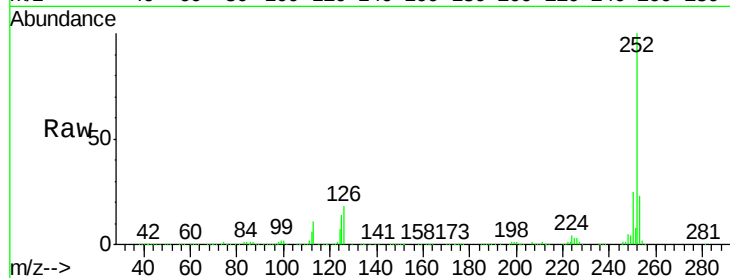
#89
Benzo(a)pyrene
Concen: 39.73 ng
RT: 15.48 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	13.8	12.3	18.5

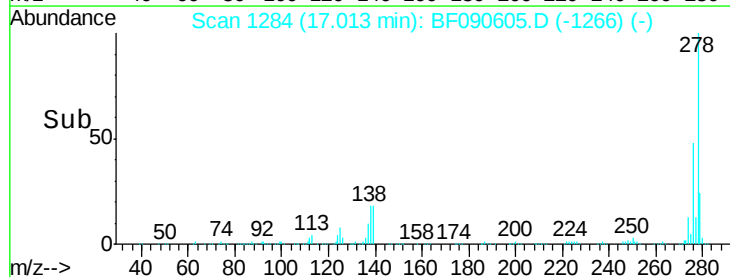
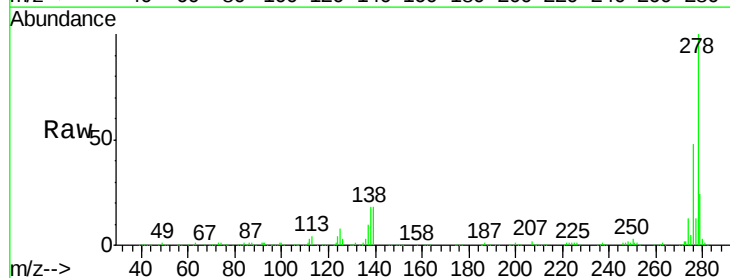
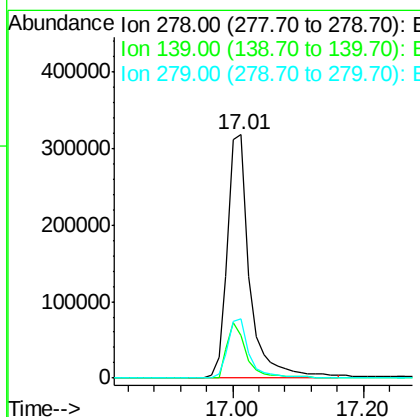
Manual Integrations
APPROVED

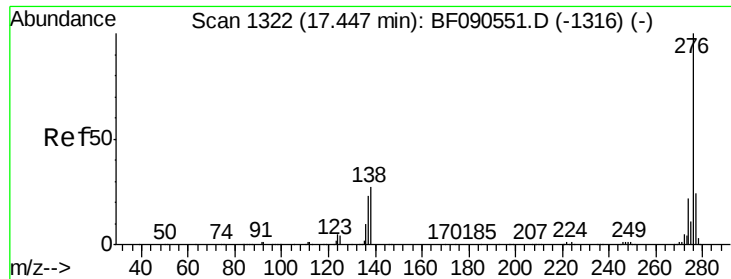
SOHIL
10/18/2016 6:05:33 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.71 ng
RT: 17.01 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF090605.D
Acq: 17 Oct 2016 14:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	16.6	25.0
279	24.2	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 46.73 ng
 RT: 17.42 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF090605.D
 Acq: 17 Oct 2016 14:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	29.8	21.8	32.8

Manual Integrations
 APPROVED

SOHIL
 10/18/2016 6:05:33 PM

