

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092111.D
 Acq On : 6 Jan 2017 12:34
 Operator : UM/SJ
 Sample : PB95751BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

Manual Integrations
 APPROVED

Sohil
 1/9/2017 10:47:16 AM

Quant Time: Jan 06 16:03:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	161495	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	885329	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	466103	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	733440	20.00	ng	0.00
75) Chrysene-d12	13.79	240	496481	20.00	ng	0.00
86) Perylene-d12	15.15	264	450457	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1480395	153.06	ng	0.01
7) Phenol-d6	6.31	99	1578275	133.66	ng	0.00
23) Nitrobenzene-d5	7.21	82	1354629	85.08	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	467087	121.09	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	2301297	104.05	ng	0.00
78) Terphenyl-d14	12.75	244	2105480	102.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	250673	52.64	ng	95
3) Pyridine	2.82	79	691085	41.58	ng	95
4) n-Nitrosodimethylamine	2.78	42	308501	49.21	ng	99
6) Aniline	6.31	93	173978	11.34	ng	# 84
8) 2-Chlorophenol	6.44	128	602413	54.76	ng	91
9) Benzaldehyde	6.18	77	45323	4.96	ng	96
10) Phenol	6.32	94	508932	37.82	ng	82
11) bis(2-Chloroethyl)ether	6.39	93	525014	49.04	ng	96
12) 1,3-Dichlorobenzene	6.58	146	611094	52.03	ng	99
13) 1,4-Dichlorobenzene	6.66	146	504384m	42.19	ng	
14) 1,2-Dichlorobenzene	6.81	146	494048	47.63	ng	99
15) Benzyl Alcohol	6.80	79	392615	42.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	921626	57.80	ng	85
17) 2-Methylphenol	6.93	107	537064	60.70	ng	95
18) Hexachloroethane	7.16	117	254464	57.42	ng	96
19) n-Nitroso-di-n-propylamine	7.08	70	513389	65.35	ng	# 91
20) 3+4-Methylphenols	7.09	107	733185	69.47	ng	# 72
22) Acetophenone	7.06	105	962931	44.10	ng	# 91
24) Nitrobenzene	7.24	77	768326	45.31	ng	90
25) Isophorone	7.48	82	1322881	45.04	ng	96
26) 2-Nitrophenol	7.56	139	375778	44.94	ng	# 81
27) 2,4-Dimethylphenol	7.61	122	602049	43.41	ng	92
28) bis(2-Chloroethoxy)methane	7.69	93	811719	45.57	ng	100
29) 2,4-Dichlorophenol	7.81	162	540590	46.03	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	564095	43.83	ng	97
31) Naphthalene	7.96	128	1899991	46.89	ng	98
32) Benzoic acid	7.76	122	469811	45.67	ng	98
33) 4-Chloroaniline	8.01	127	112718	6.17	ng	95
34) Hexachlorobutadiene	8.07	225	284278	41.84	ng	100
35) Caprolactam	8.39	113	188686m	48.89	ng	
36) 4-Chloro-3-methylphenol	8.52	107	589658	43.63	ng	99
37) 2-Methylnaphthalene	8.64	142	1152923	48.17	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	528451	44.87	ng	99
40) Hexachlorocyclopentadiene	8.80	237	475263	90.09	ng	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	349136	42.39	nq	96
43) 2,4,5-Trichlorophenol	8.98	196	377647	44.56	nq	# 86
45) 1,1'-Biphenyl	9.11	154	1510788	47.34	nq	97
46) 2-Chloronaphthalene	9.13	162	1175244	46.50	nq	99
47) 2-Nitroaniline	9.24	65	391227	43.48	nq	96
48) Acenaphthylene	9.54	152	1777300	45.72	nq	99
49) Dimethylphthalate	9.42	163	1244069	41.73	nq	98
50) 2,6-Dinitrotoluene	9.48	165	278388	42.66	nq	# 63
51) Acenaphthene	9.72	154	1123394	42.63	nq	100
52) 3-Nitroaniline	9.65	138	85399	10.58	nq	81
53) 2,4-Dinitrophenol	9.76	184	335731	92.47	nq	# 82
54) Dibenzofuran	9.89	168	1455417	40.90	nq	98
55) 4-Nitrophenol	9.84	139	458452	83.62	nq	95
56) 2,4-Dinitrotoluene	9.89	165	386800	47.23	nq	97
57) Fluorene	10.23	166	1252751	48.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	306958	45.79	nq	99
59) Diethylphthalate	10.12	149	1211290	41.84	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	481230	42.45	nq	99
61) 4-Nitroaniline	10.26	138	320236	38.27	nq	94
62) Azobenzene	10.38	77	1450007	45.49	nq	98
64) 4,6-Dinitro-2-methylphenol	10.29	198	207062	46.69	nq	# 31
65) n-Nitrosodiphenylamine	10.34	169	1007034	46.27	nq	100
66) 4-Bromophenyl-phenylether	10.71	248	362932	47.57	nq	91
67) Hexachlorobenzene	10.78	284	363878	44.62	nq	# 83
68) Atrazine	10.88	200	364337	51.90	nq	98
69) Pentachlorophenol	10.97	266	341414	85.32	nq	100
70) Phenanthrene	11.18	178	1653190	41.57	nq	99
71) Anthracene	11.24	178	1909435	62.22	nq	99
72) Carbazole	11.40	167	1658530	58.42	nq	99
73) Di-n-butylphthalate	11.74	149	2023583	54.57	nq	# 96
74) Fluoranthene	12.37	202	1899016	55.30	nq	92
76) Benzidine	12.49	184	414149	30.17	nq	97
77) Pyrene	12.59	202	1761865	48.37	nq	100
79) Butylbenzylphthalate	13.23	149	886476	53.51	nq	85
80) Benzo(a)anthracene	13.77	228	1425131	50.85	nq	100
81) 3,3'-Dichlorobenzidine	13.74	252	210453	19.80	nq	98
82) Chrysene	13.81	228	1304909	46.42	nq	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	969779	49.70	nq	99
84) Di-n-octyl phthalate	14.39	149	1704533	47.16	nq	99
85) Indeno(1,2,3-cd)pyrene	16.43	276	1154673	47.41	nq	98
87) Benzo(b)fluoranthene	14.78	252	1212562m	43.24	nq	
88) Benzo(k)fluoranthene	14.80	252	1088251m	45.50	nq	
89) Benzo(a)pyrene	15.10	252	1130471	45.42	nq	98
90) Dibenzo(a,h)anthracene	16.44	278	950423	46.45	nq	98
91) Benzo(g,h,i)perylene	16.80	276	1001660	47.08	nq	# 94

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

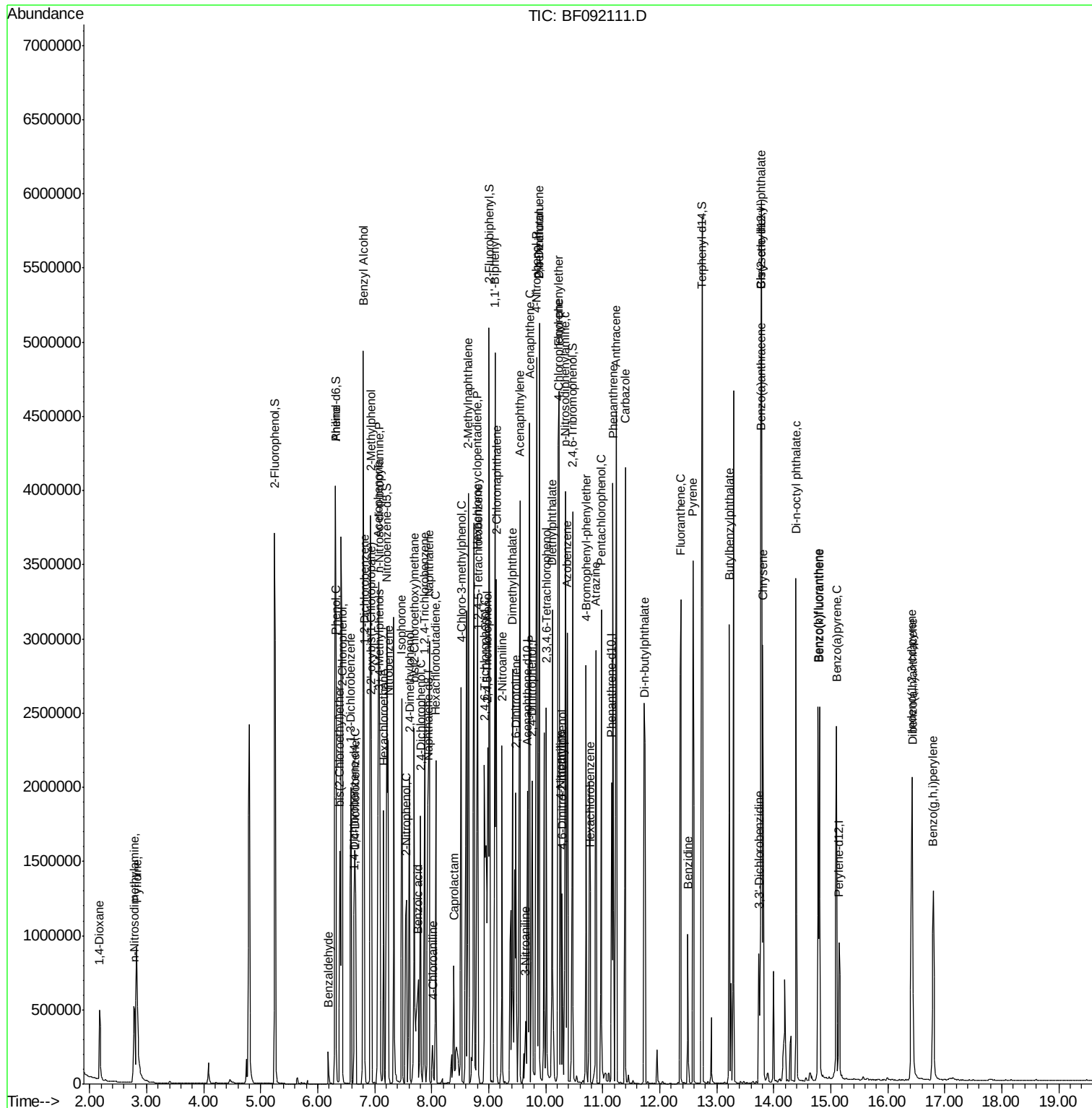
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\  
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Sample    : PB95751BS  
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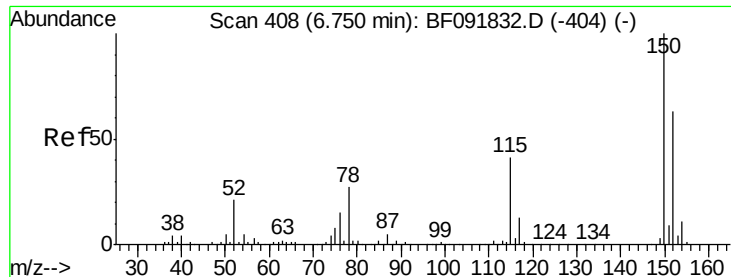
Instrument :
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#1

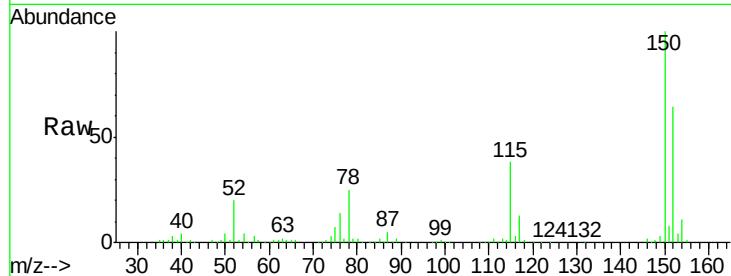
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

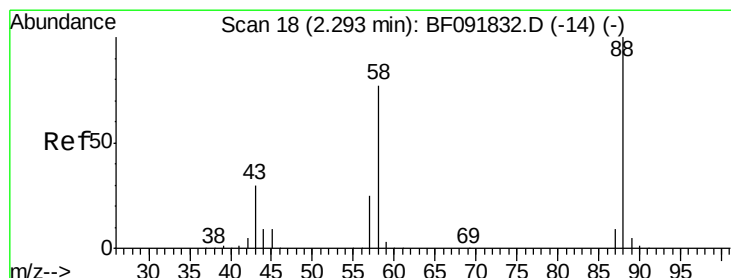
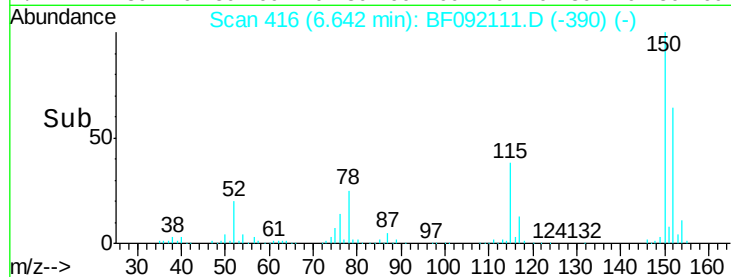
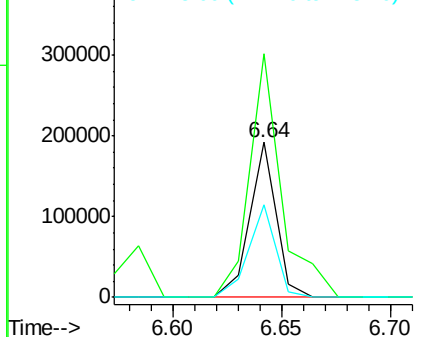
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.9	187.3
115	59.9	46.0	69.0

Manual Integrations
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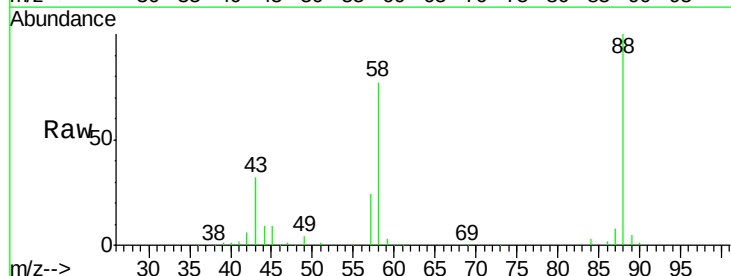
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



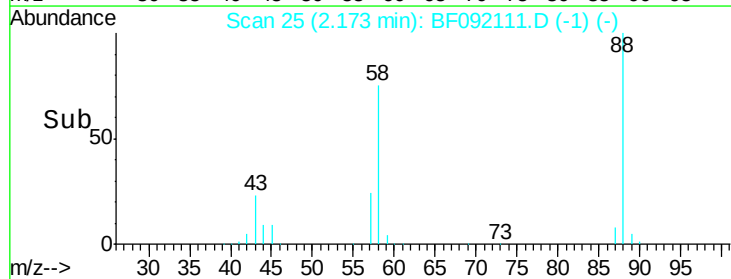
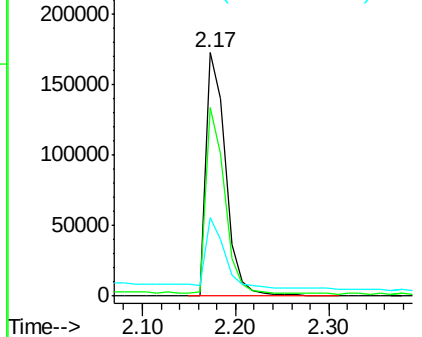
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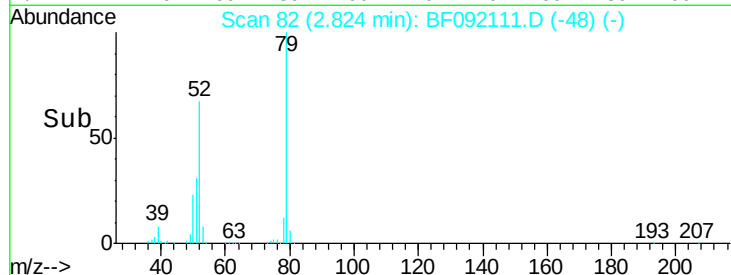
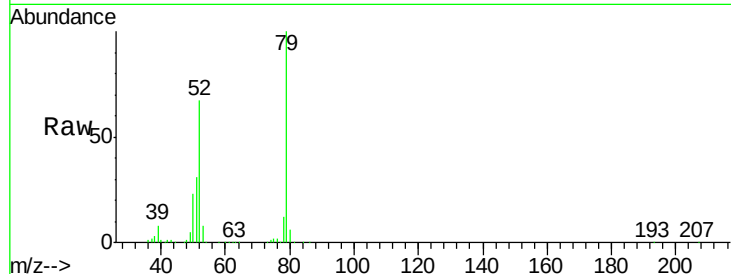
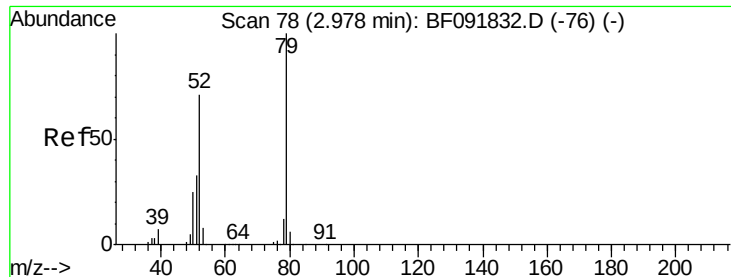
1,4-Dioxane
Concen: 52.64 ng
RT: 2.17 min Scan# 25
Delta R.T. 0.09 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	57.8	86.8
43	33.3	22.3	33.5



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





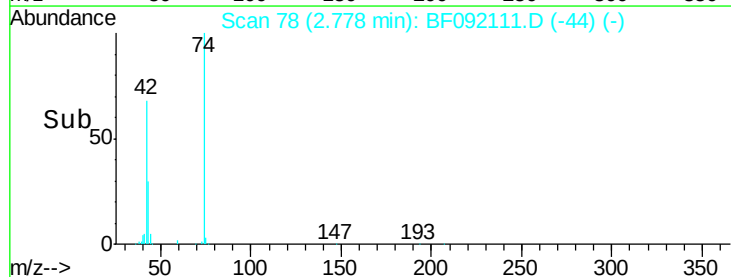
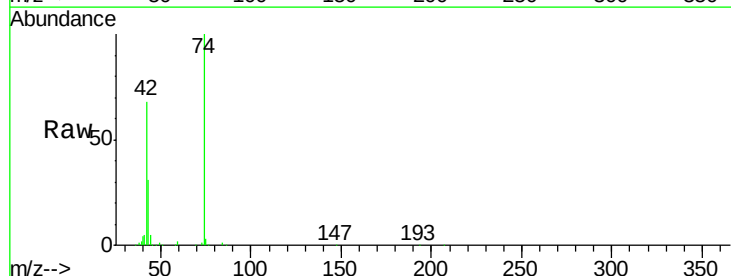
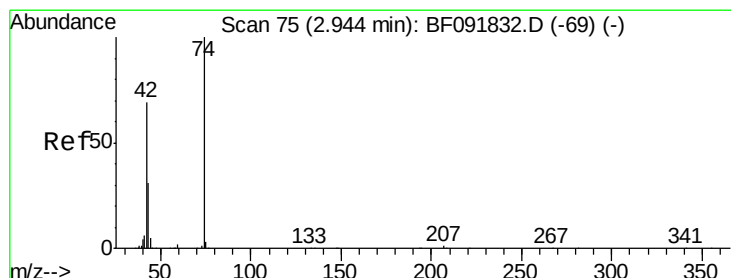
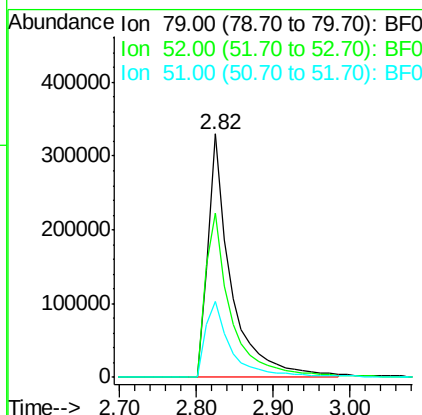
#3
 Pvridine
 Concen: 41.58 ng
 RT: 2.82 min Scan# 82
 Delta R.T. 0.09 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.3	57.1	85.7
51	31.0	27.3	40.9

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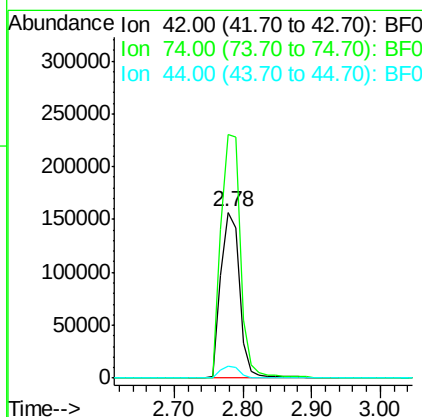
Manual Integrations
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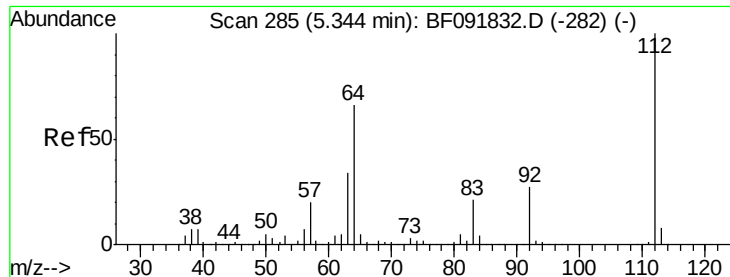
Sohil
 1/9/2017 10:47:16 AM



#4
 n-Nitrosodimethylamine
 Concen: 49.21 ng
 RT: 2.78 min Scan# 78
 Delta R.T. 0.09 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.1	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 153.06 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

ClientSampled :

PB95751BS

Tot Ion: 112 Resp: 1480395

Ion Ratio Lower Upper

112 100

64 66.5 46.1 69.1

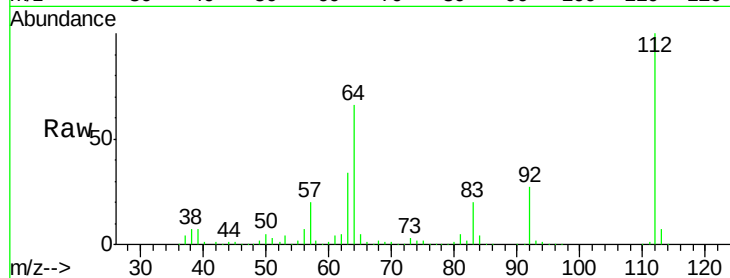
63 34.1 23.8 35.6

Manual Integrations

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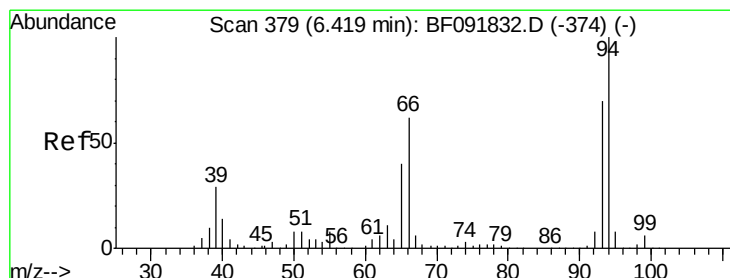
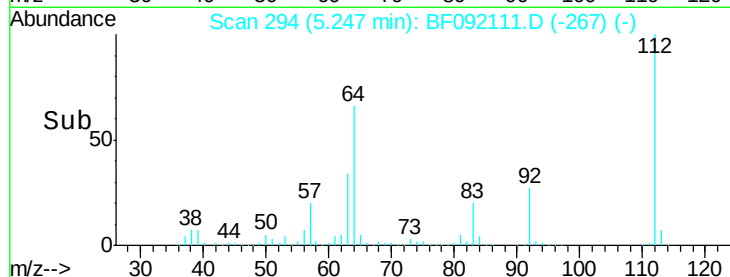
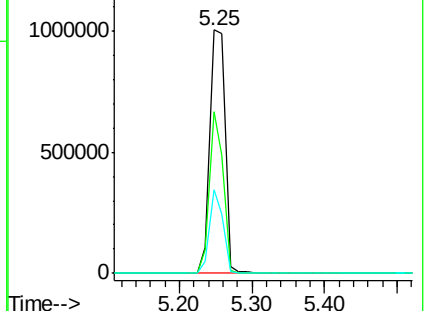
1/9/2017 10:47:16 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.34 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

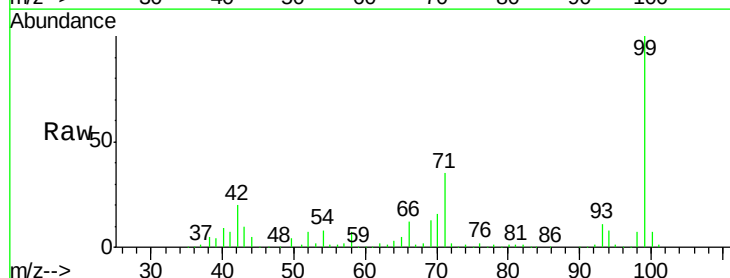
Tgt Ion: 93 Resp: 173978

Ion Ratio Lower Upper

93 100

66 109.3 76.2 114.2

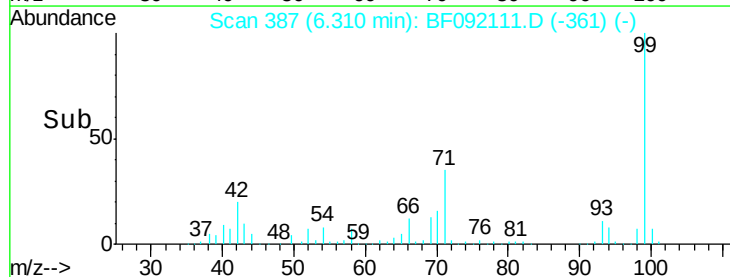
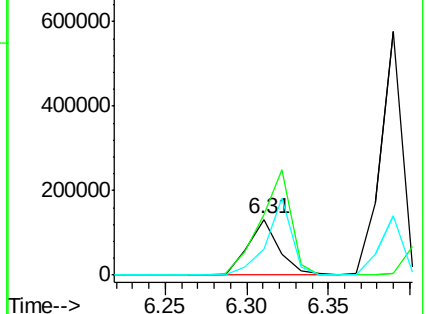
65 47.4 49.3 73.9#

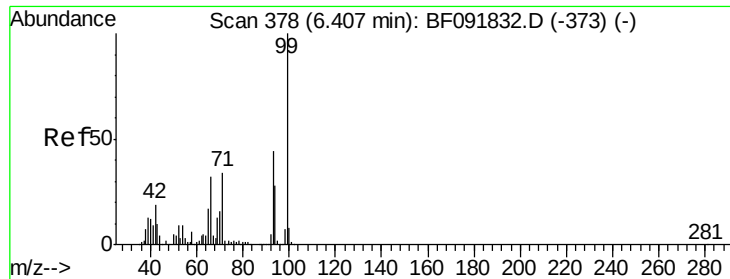


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.66 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

Tot Ion: 99 Resp: 1578275

Ion Ratio Lower Upper

99 100

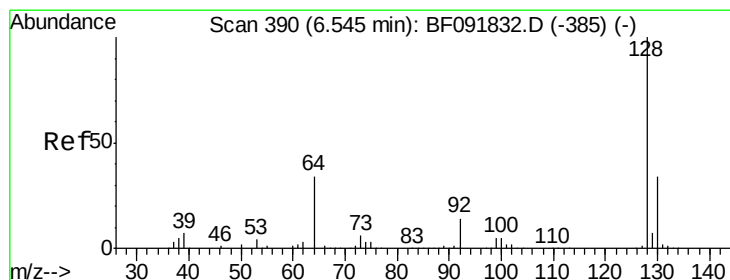
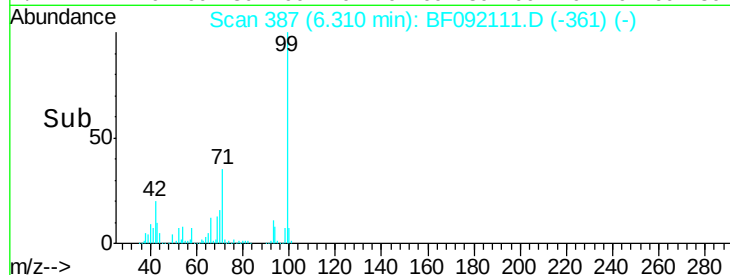
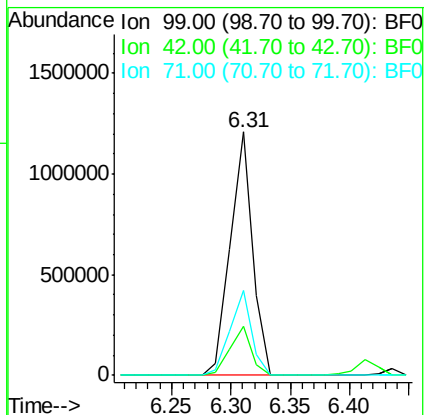
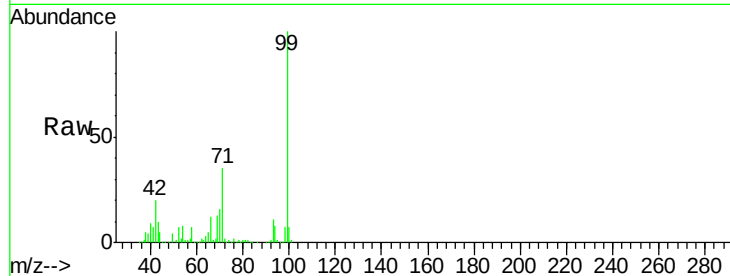
42 20.0 15.6 23.4

71 35.1 27.5 41.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 54.76 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

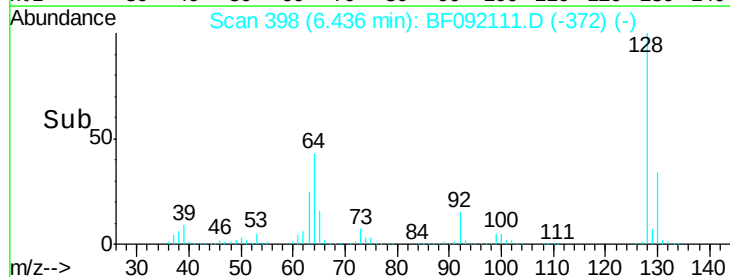
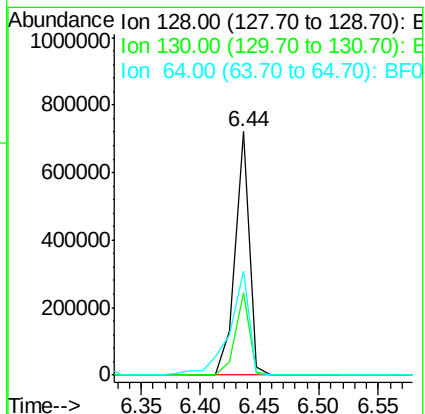
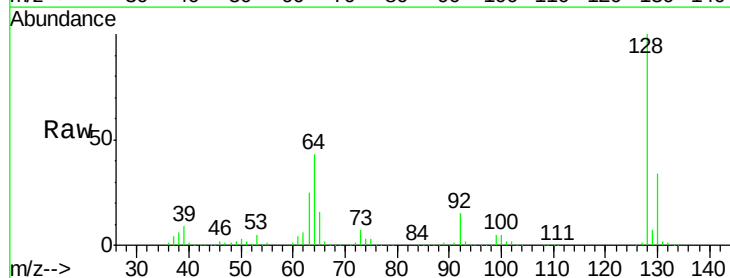
Tgt Ion: 128 Resp: 602413

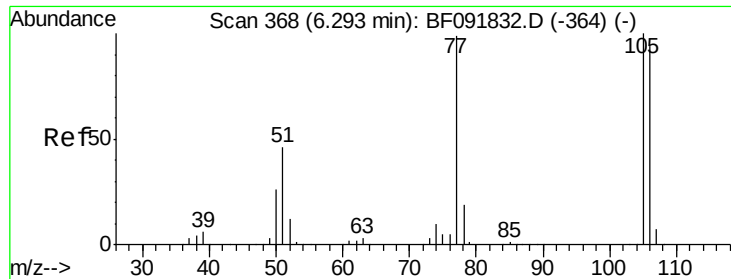
Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

64 43.0 32.2 72.2





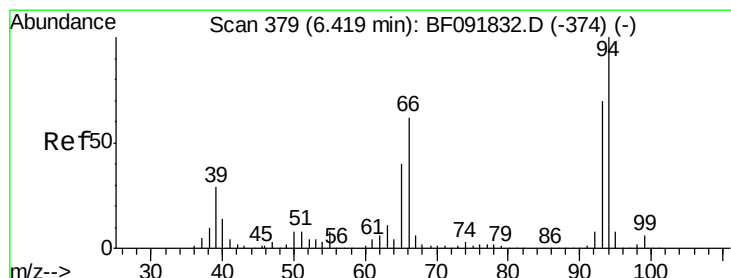
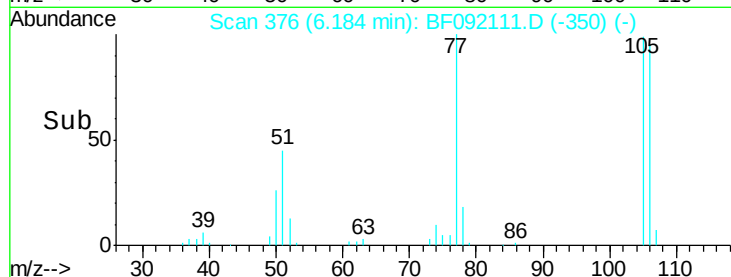
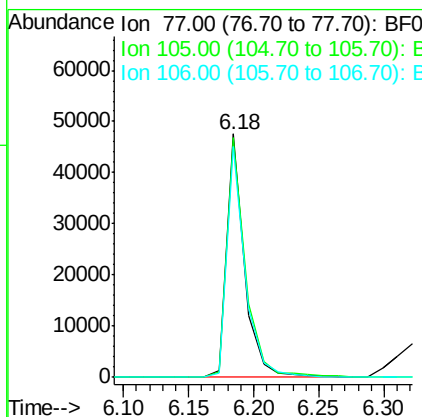
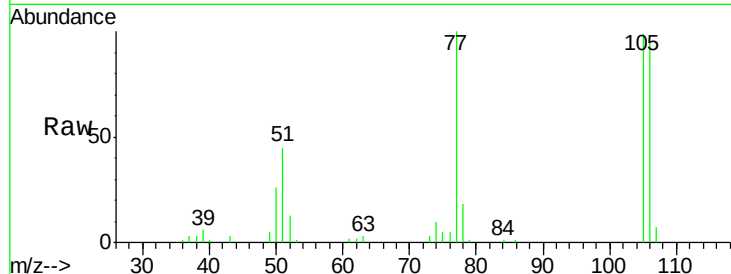
#9
Benzaldehyde
Concen: 4.96 ng
RT: 6.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF092111.D
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Instrument :
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ClientSampleId :
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Tot Ion: 77 Resp: 45323
Ion Ratio Lower Upper
77 100
105 98.7 83.9 123.9
106 94.8 77.6 117.6

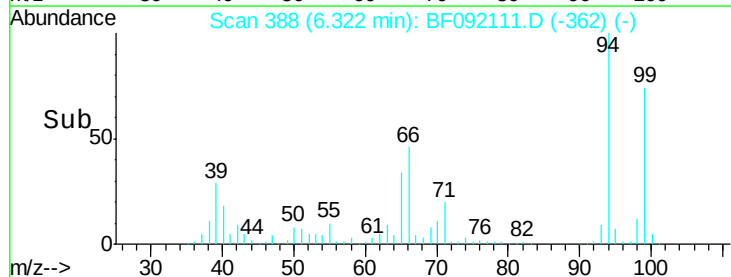
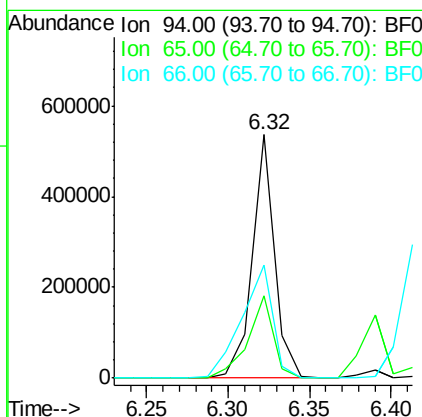
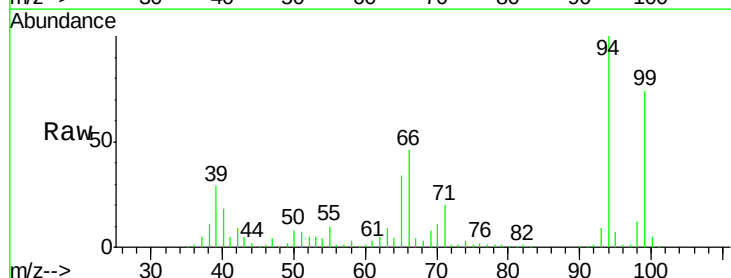
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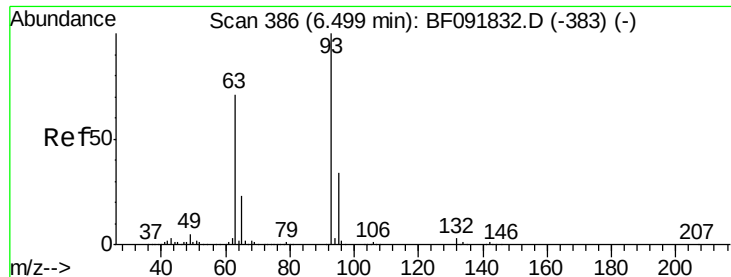
Sohil
1/9/2017 10:47:16 AM



#10
Phenol
Concen: 37.82 ng
RT: 6.32 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion: 94 Resp: 508932
Ion Ratio Lower Upper
94 100
65 34.1 21.4 61.4
66 46.4 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 49.04 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

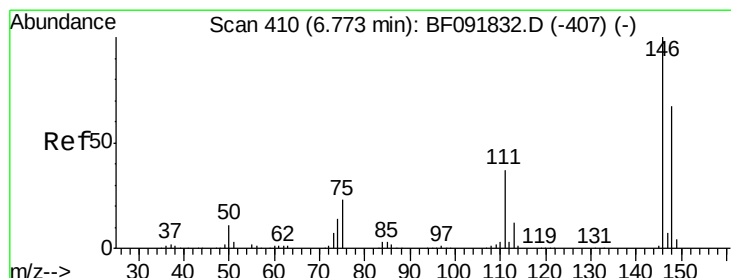
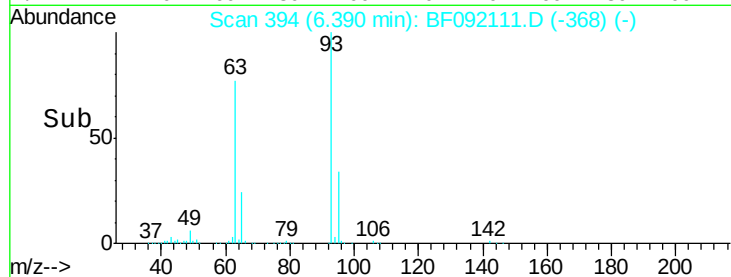
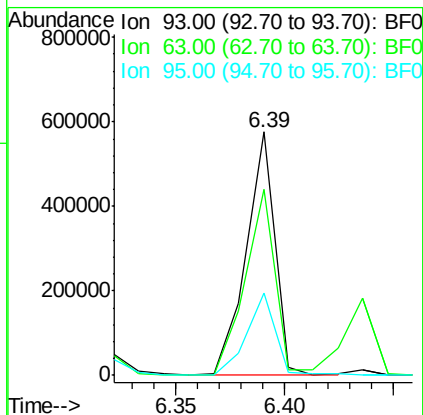
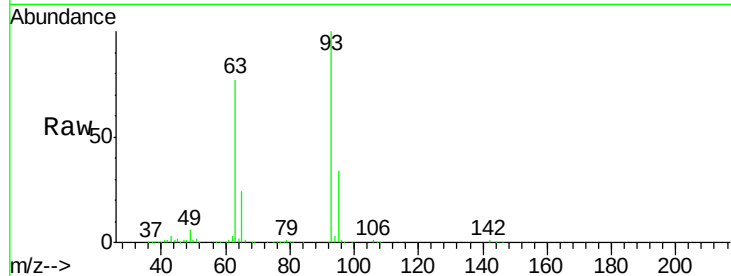
ClientSampleId :

PB95751BS

Tot Ion:	93	Resp:	525014
Ion	Ratio	Lower	Upper
93	100		
63	76.6	60.4	100.4
95	33.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 52.03 ng

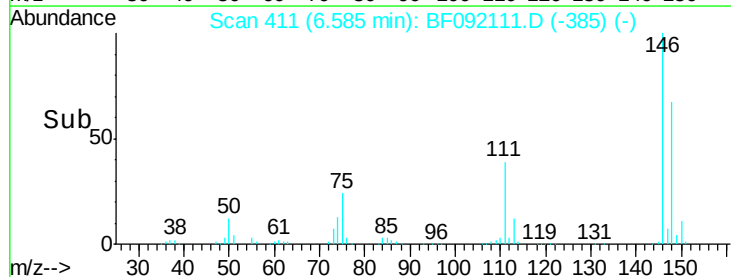
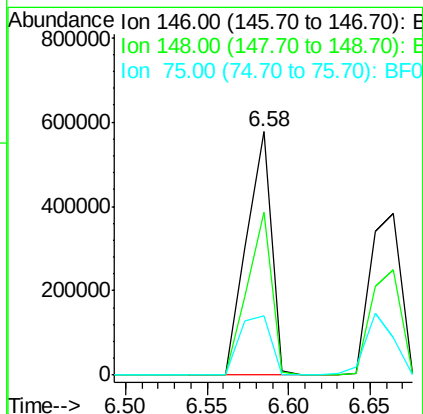
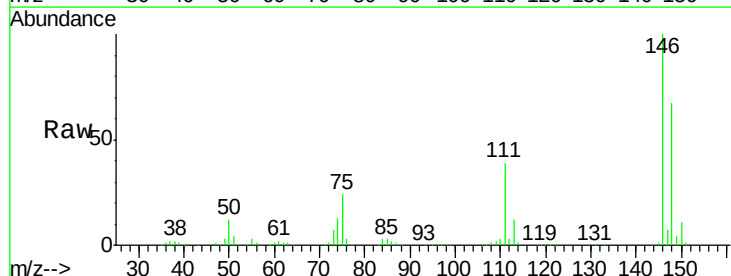
RT: 6.58 min Scan# 411

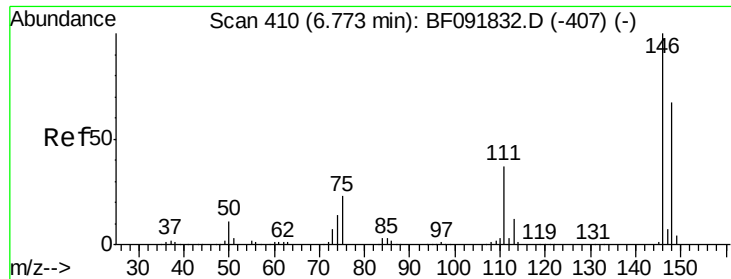
Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Tgt Ion:	146	Resp:	611094
Ion	Ratio	Lower	Upper
146	100		
148	66.7	53.4	80.0
75	24.5	18.5	27.7





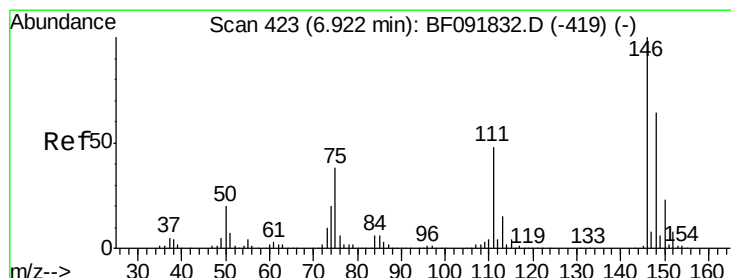
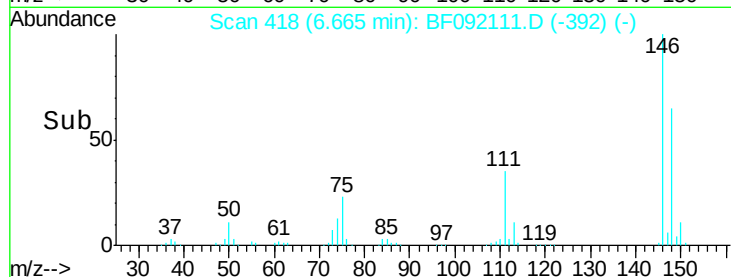
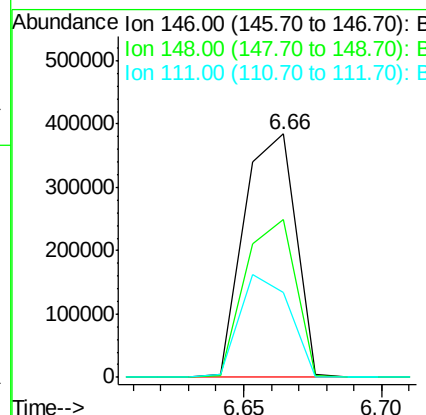
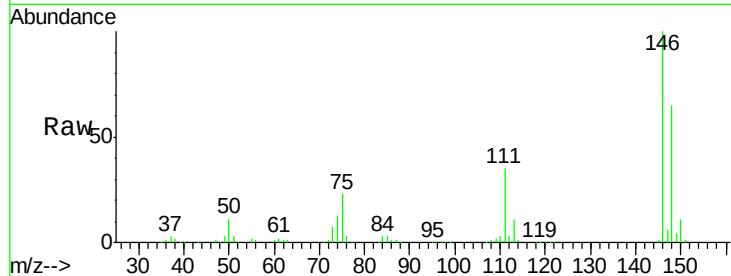
#13
 1,4-Dichlorobenzene
 Concen: 42.19 ng/mL
 RT: 6.66 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Instrument :
 BNA_F
 ClientSampleID :
 PB95751BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	76.0
111	34.7	36.2	54.4

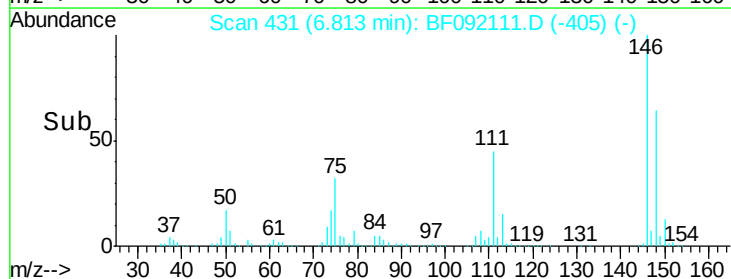
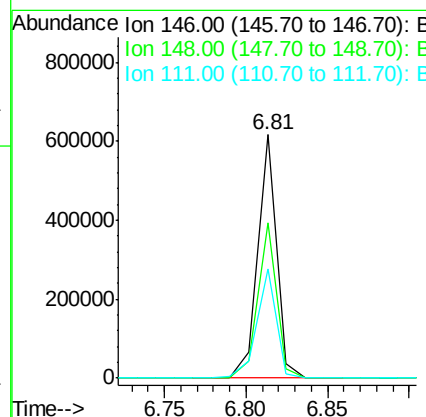
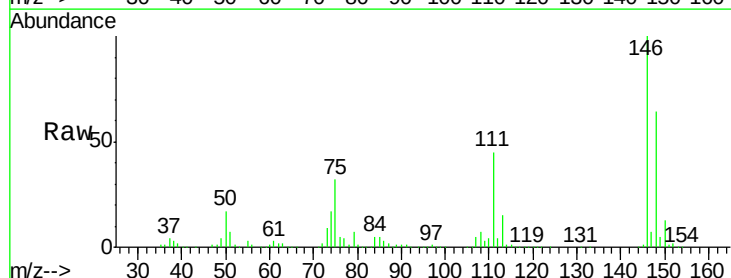
Manual Integrations
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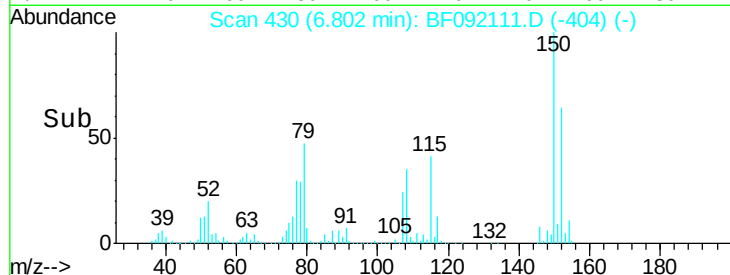
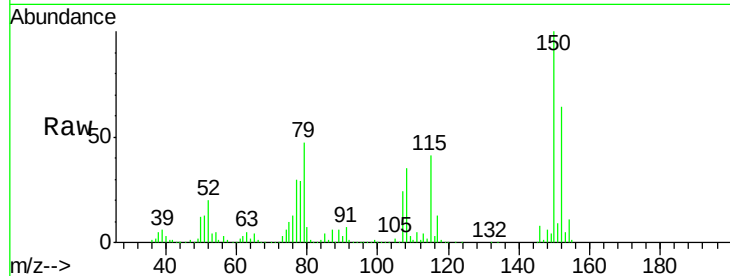
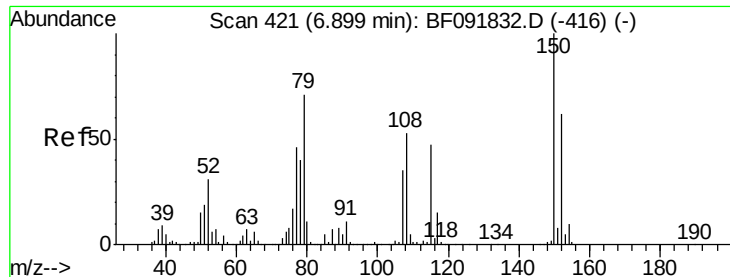
Sohil
 1/9/2017 10:47:16 AM



#14
 1,2-Dichlorobenzene
 Concen: 47.63 ng/mL
 RT: 6.81 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	44.8	36.2	54.2





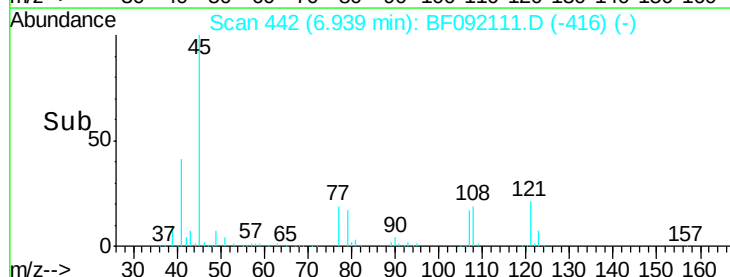
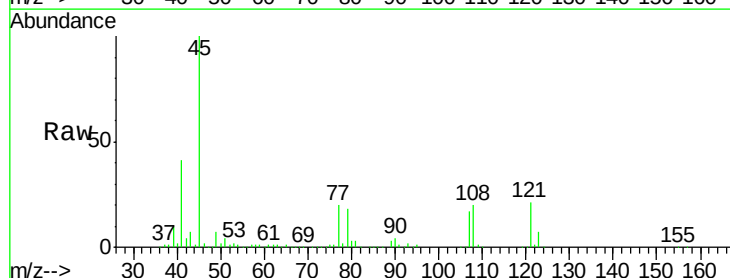
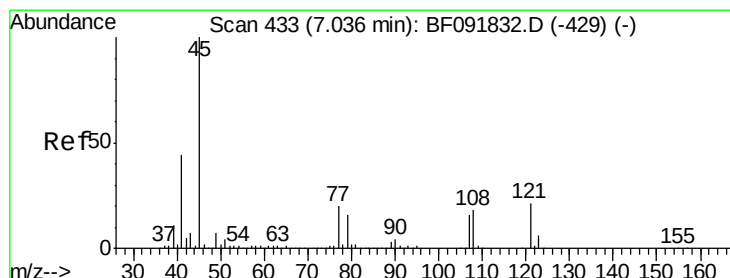
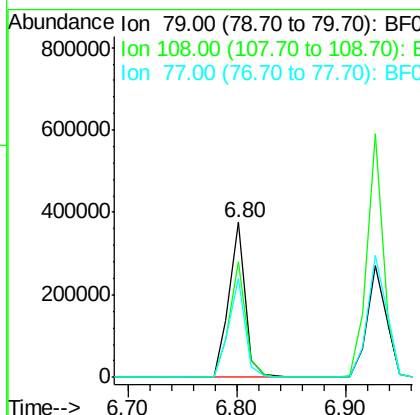
#15
Benzyl Alcohol
Concen: 42.79 ng
RT: 6.80 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.4	61.4	92.0	
77	63.9	50.9	76.3	

Instrument :
BNA_F
ClientSampled :
PB95751BS

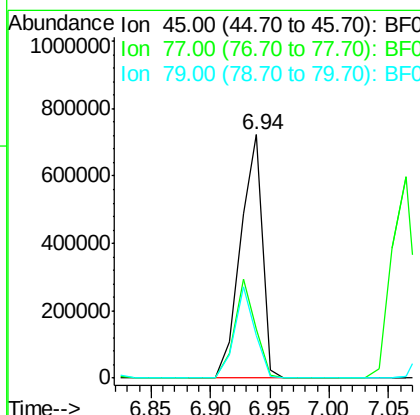
Manual Integrations
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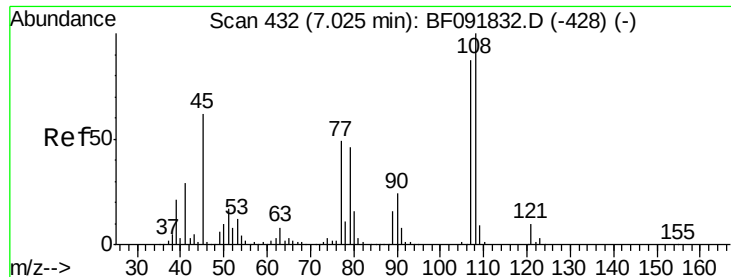
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.80 ng
RT: 6.94 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	20.4	0.0	34.6	
79	17.6	0.0	31.2	





#17

2-Methylphenol

Concen: 60.70 ng

RT: 6.93 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

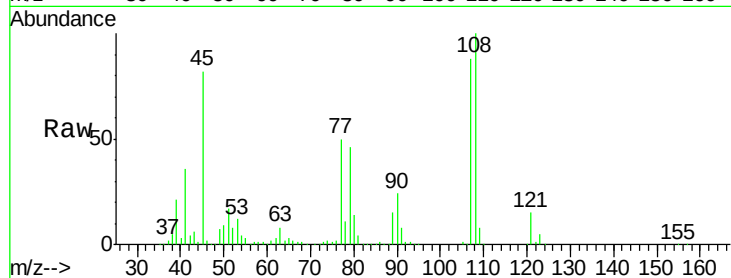
ClientSampled :

PB95751BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	93.0	139.6	
77	57.0	39.8	59.8	
79	52.5	38.0	57.0	

Manual Integrations
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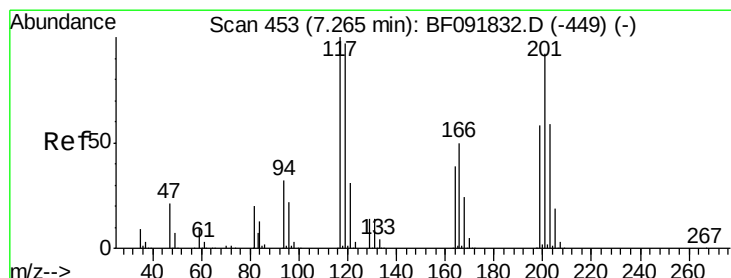
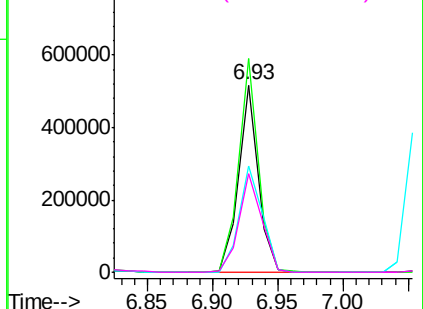
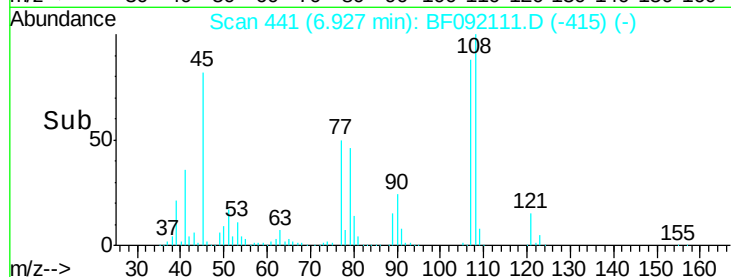


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 57.42 ng

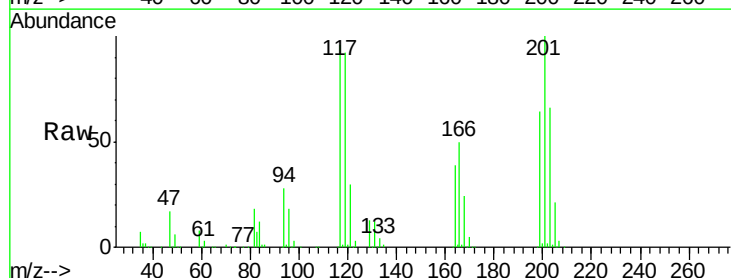
RT: 7.16 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

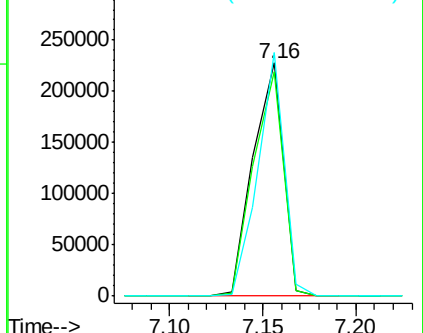
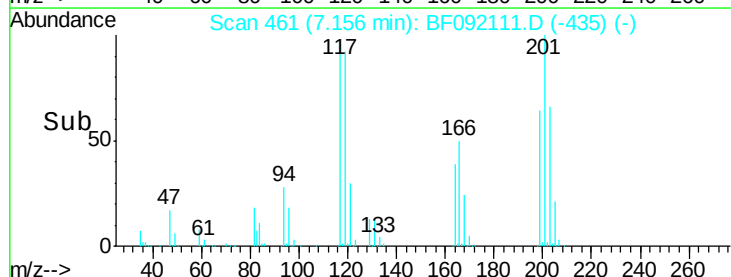
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	78.1	117.1	
201	104.5	78.6	117.8	

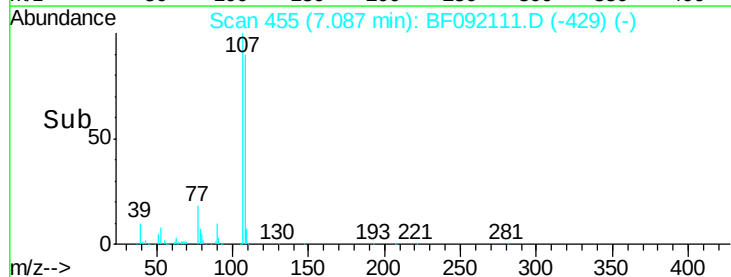
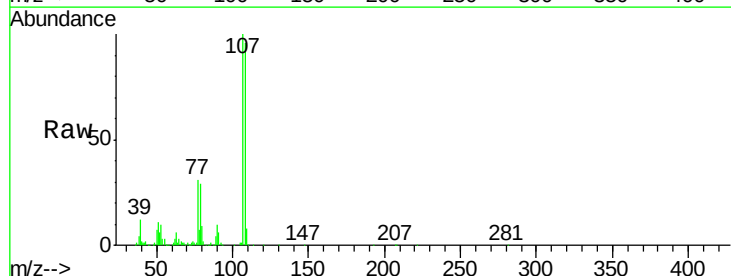
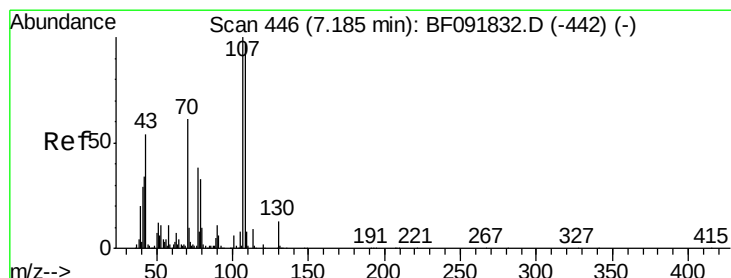
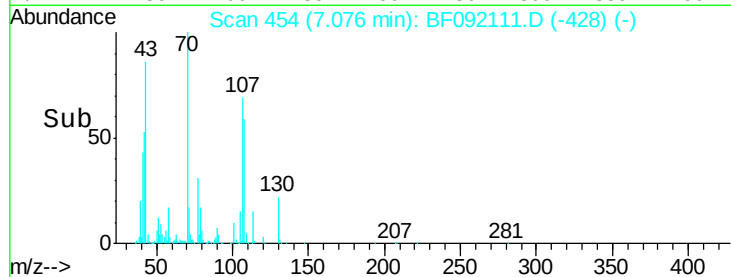
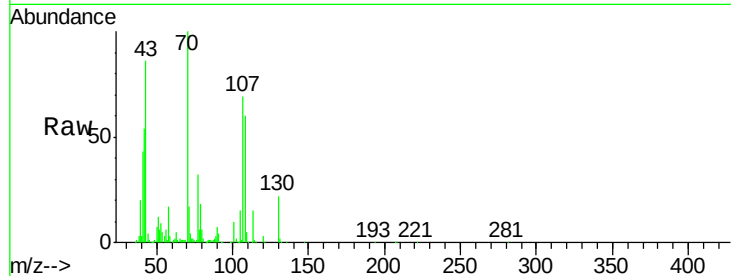
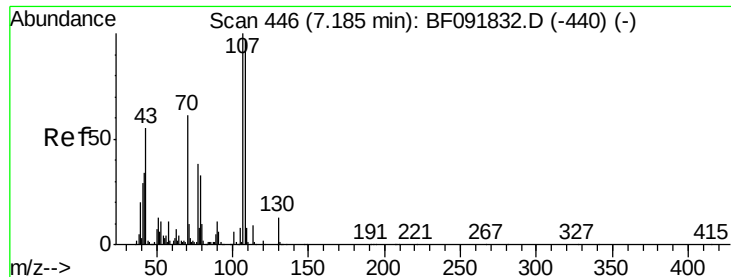


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





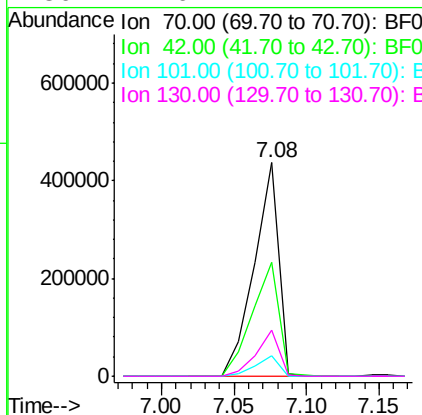
#19
n-Nitroso-di-n-propylamine
Concen: 65.35 ng
RT: 7.08 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	49.4	74.0
101	9.7	7.4	11.2
130	21.6	14.2	21.4#

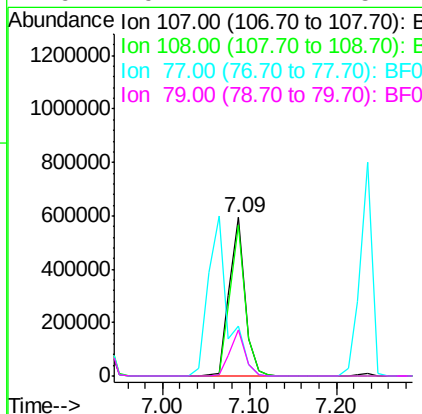
Manual Integrations
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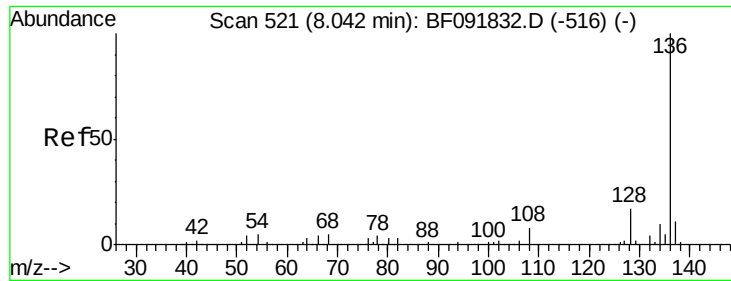
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#20
3+4-Methylphenols
Concen: 69.47 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.6	73.0	113.0
77	31.4	71.3	111.3#
79	29.1	11.1	51.1





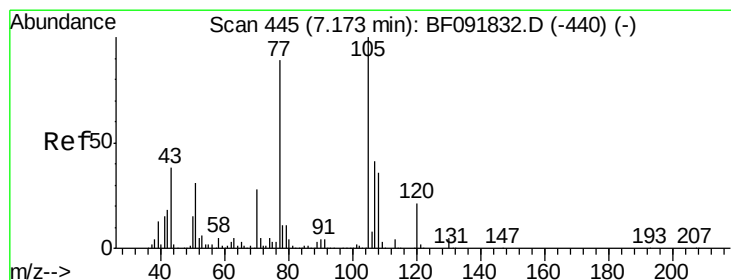
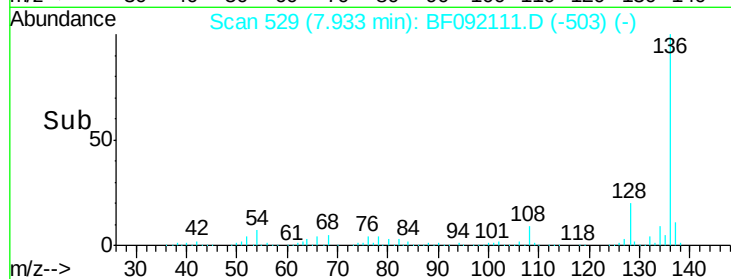
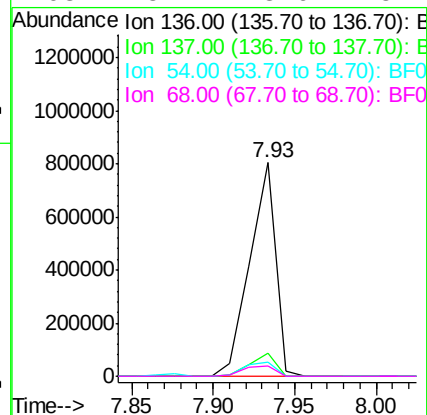
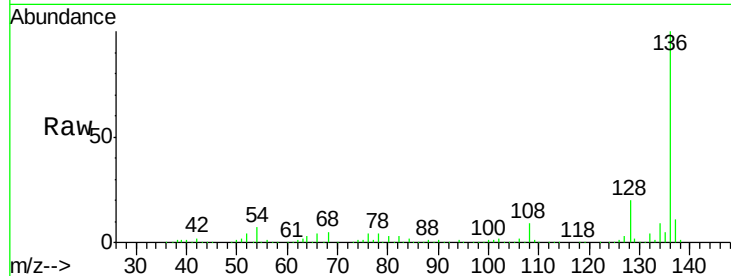
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	885329		
137	10.8		8.4	12.6
54	6.5		4.5	6.7
68	5.1		3.6	5.4

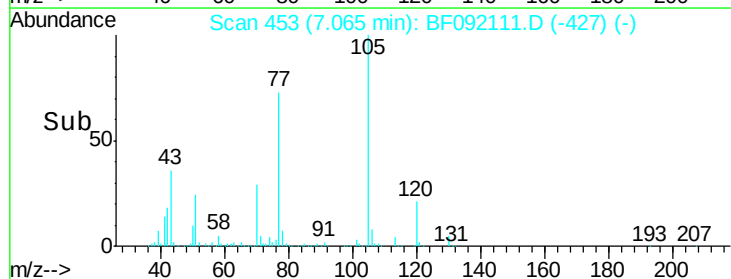
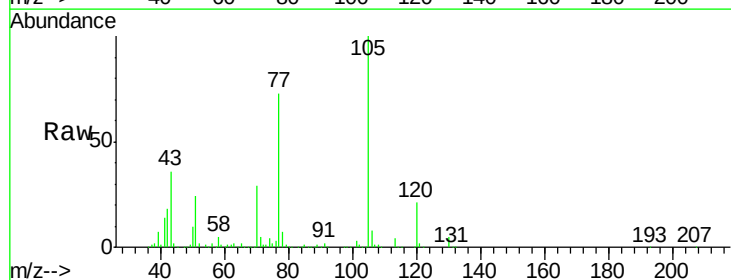
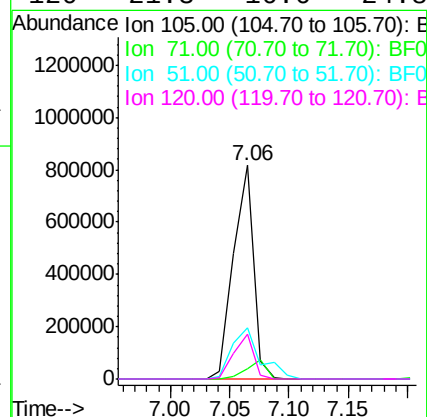
Manual Integrations
APPROVED

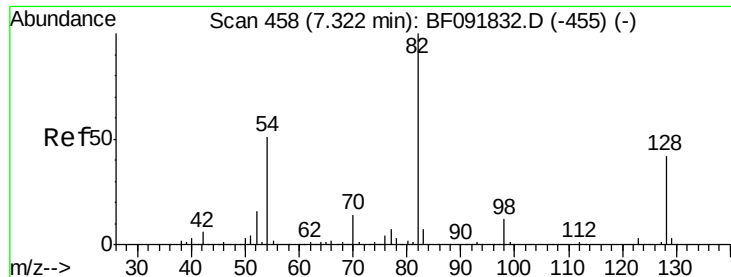
Sohil
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#22
Acetophenone
Concen: 44.10 ng
RT: 7.06 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	962931		
71	4.7		3.2	4.8
51	24.0		26.2	39.4#
120	21.3		16.6	24.8





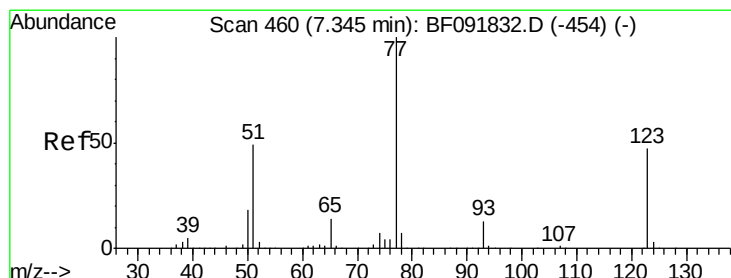
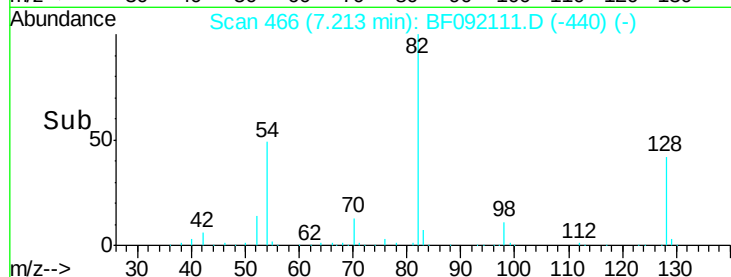
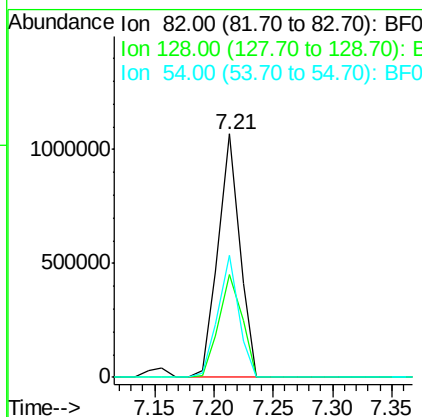
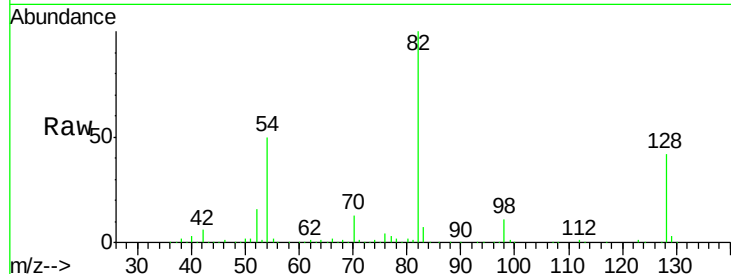
#23
 Nitrobenzene-d5
 Concen: 85.08 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Instrument :
 BNA_F
 ClientSampled :
 PB95751BS

Tot Ion	82	Resp	1354629
Ion Ratio	100	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	49.9	39.5	59.3

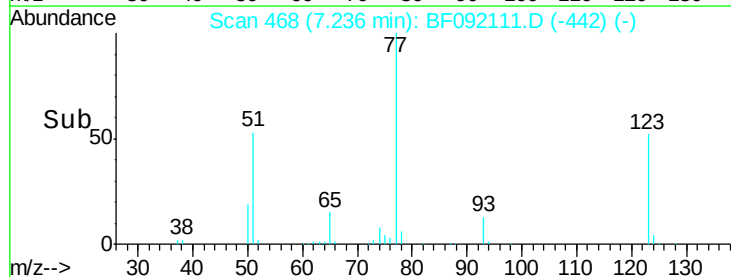
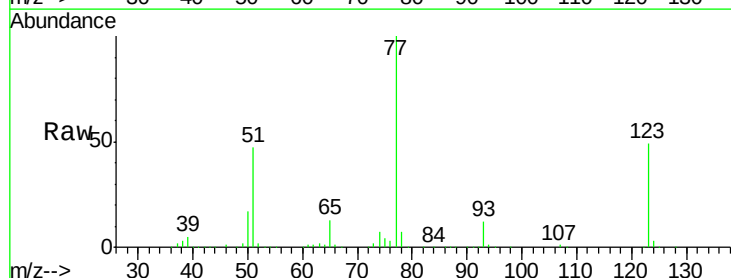
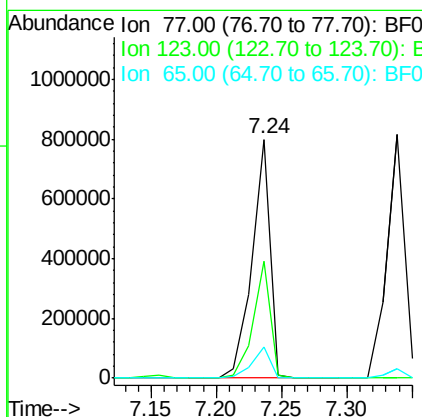
Manual Integrations
 APPROVED

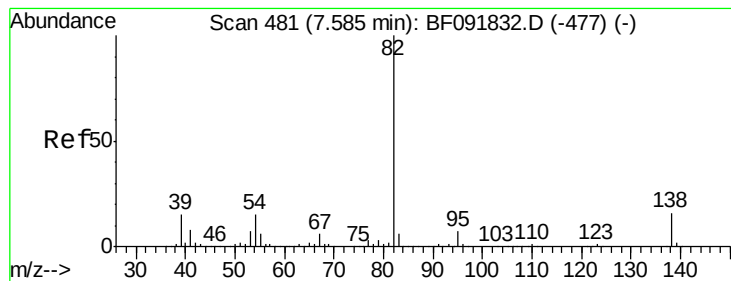
Sohil
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#24
 Nitrobenzene
 Concen: 45.31 ng
 RT: 7.24 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Tgt Ion	77	Resp	768326
Ion Ratio	100	Lower	Upper
77	100		
123	48.7	33.0	49.4
65	12.8	11.2	16.8





#25

Isophorone

Concen: 45.04 ng

RT: 7.48 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

Tot Ion: 82 Resp: 1322881

Ion Ratio Lower Upper

82 100

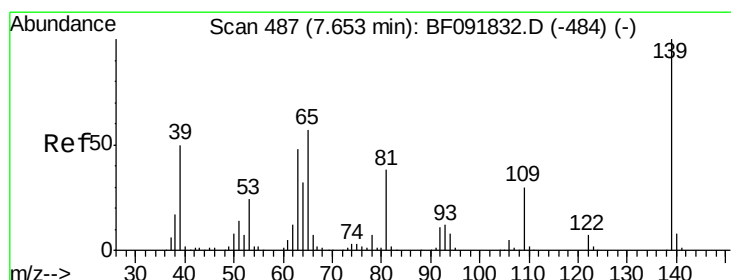
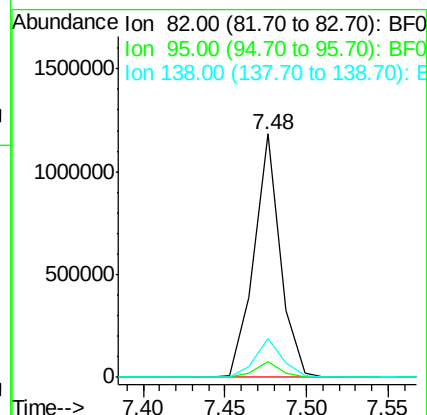
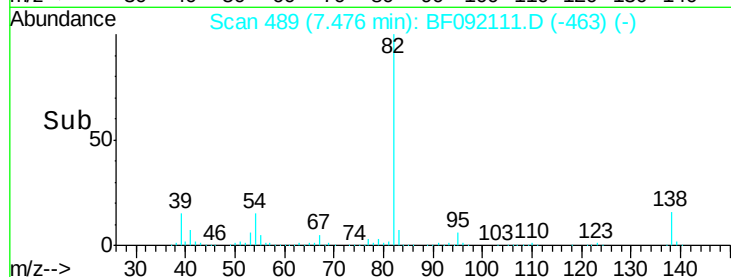
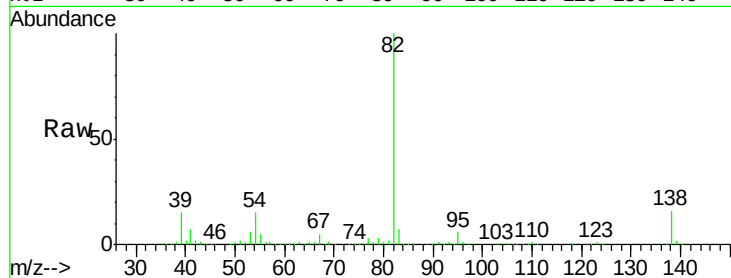
95 6.5 5.6 8.4

138 16.2 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.94 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

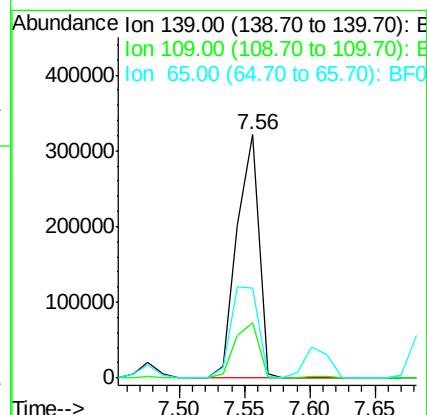
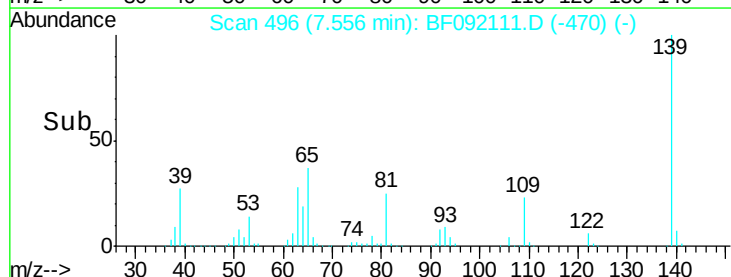
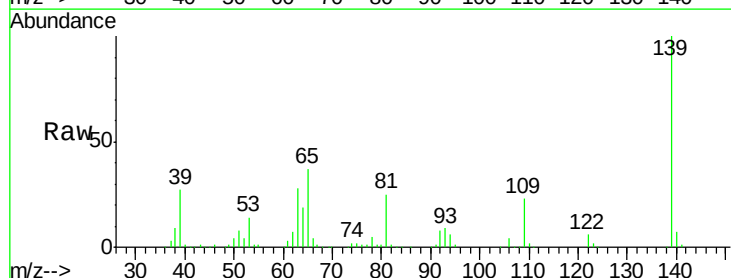
Tgt Ion: 139 Resp: 375778

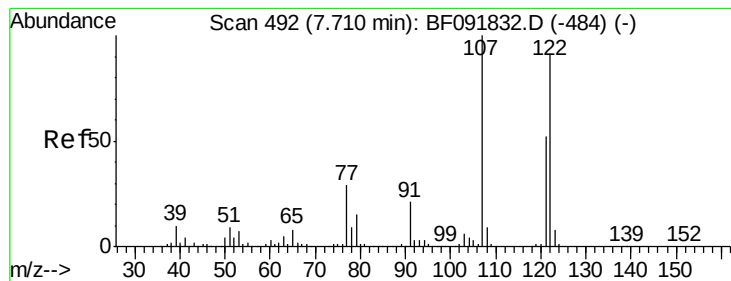
Ion Ratio Lower Upper

139 100

109 22.6 23.3 34.9#

65 37.0 42.7 64.1#





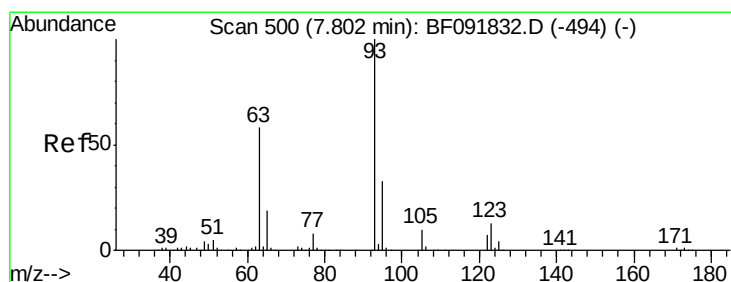
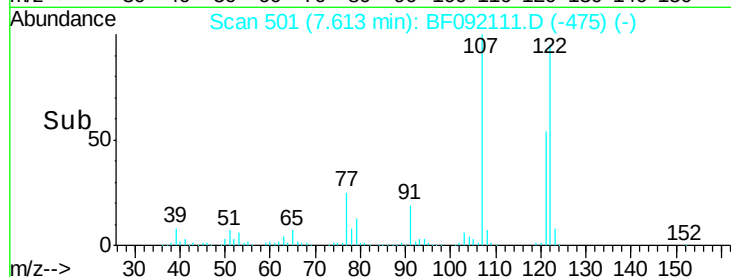
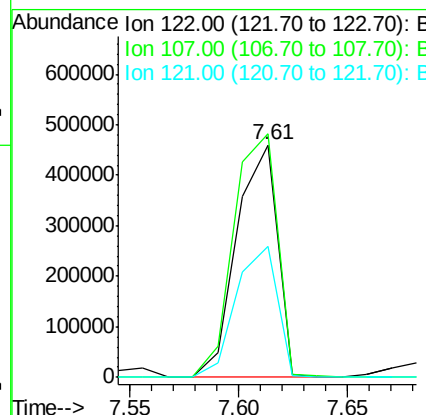
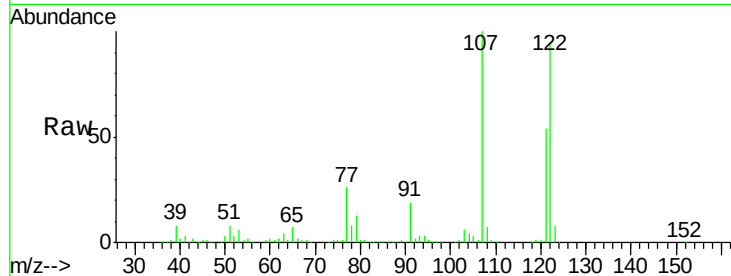
#27
2,4-Dimethylphenol
Concen: 43.41 ng
RT: 7.61 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	104.9	94.1	141.1
121	56.6	46.0	69.0

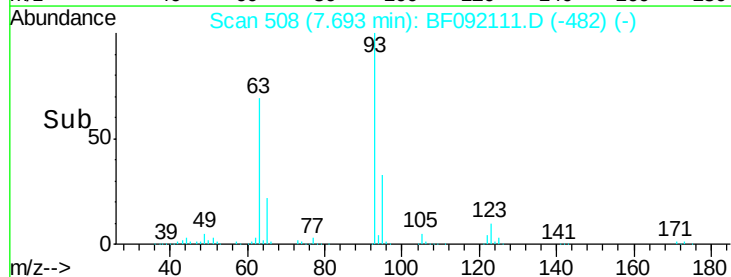
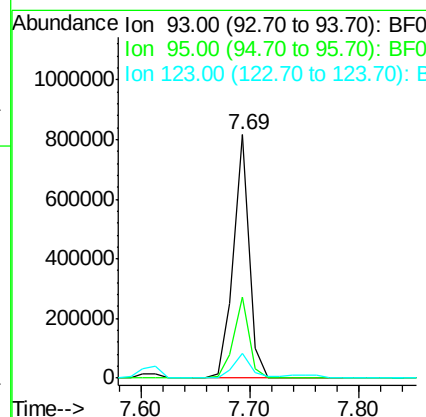
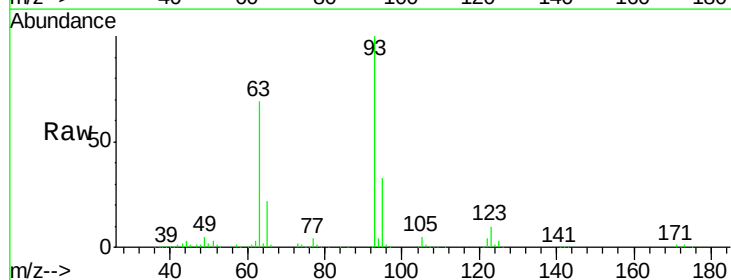
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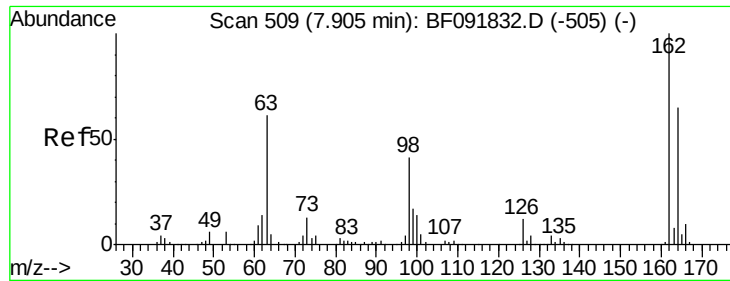
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 45.57 ng
RT: 7.69 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	10.4	8.6	13.0





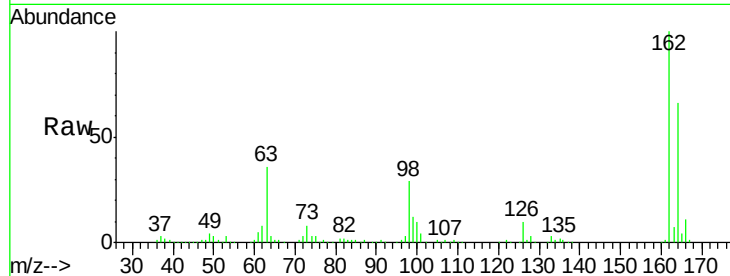
#29
2,4-Dichlorophenol
Concen: 46.03 ng
RT: 7.81 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

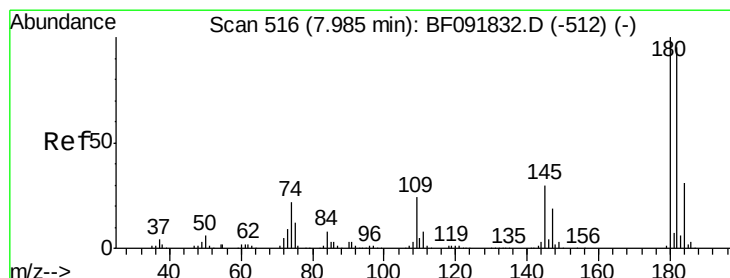
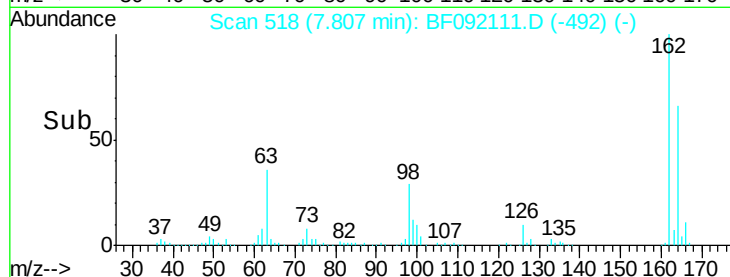
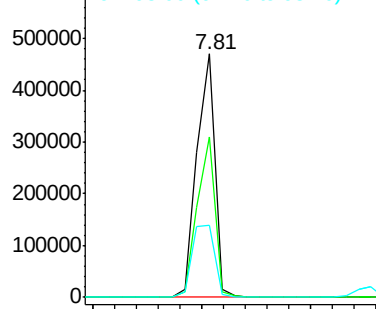
Tot Ion	Ratio	Resp	Lower	Upper
162	100	540590		
164	65.9	46.8	86.8	
98	29.4	9.1	49.1	

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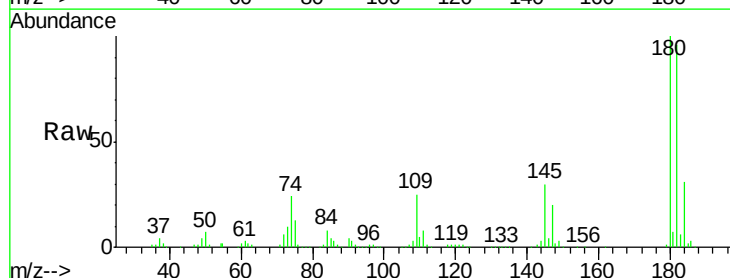


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

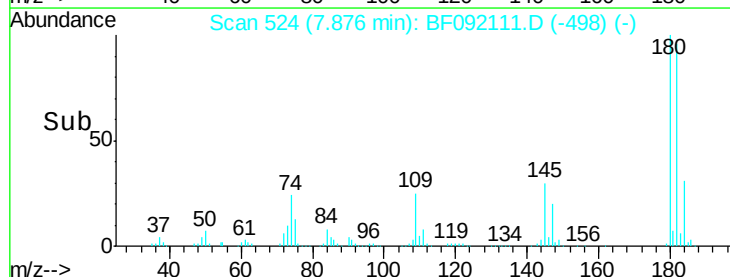
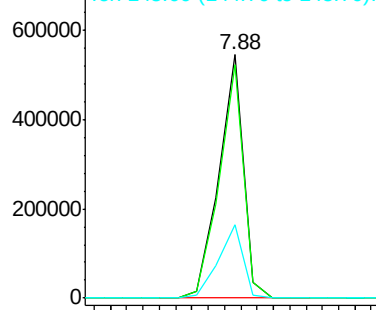


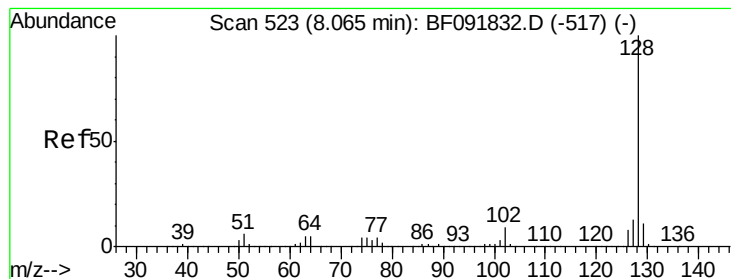
#30
1,2,4-Trichlorobenzene
Concen: 43.83 ng
RT: 7.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	564095		
182	96.0	78.2	117.4	
145	30.3	21.6	32.4	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.89 ng

RT: 7.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

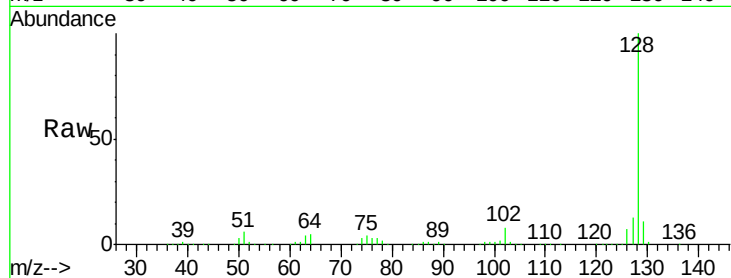
ClientSampleId :

PB95751BS

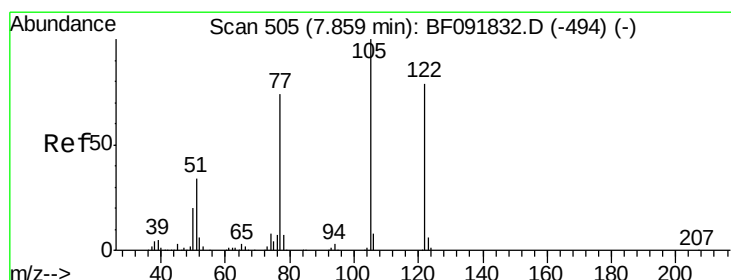
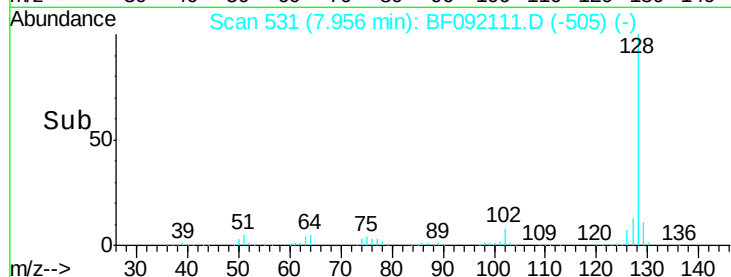
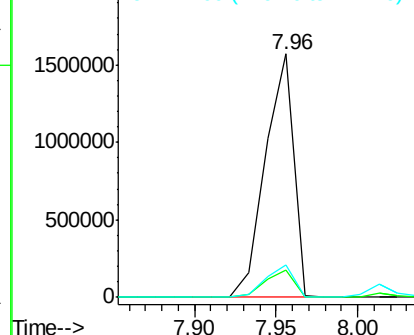
Tot Ion:128	Resp: 1899991
Ion Ratio	Lower Upper
128 100	
129 11.1	9.5 14.3
127 13.1	10.8 16.2

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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: 45.67 ng

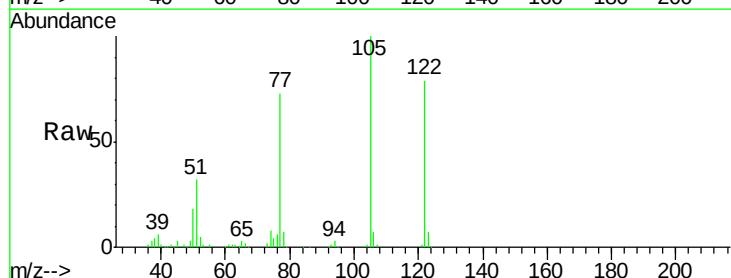
RT: 7.76 min Scan# 514

Delta R.T. 0.01 min

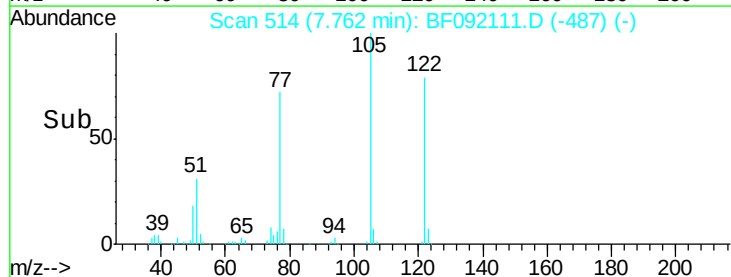
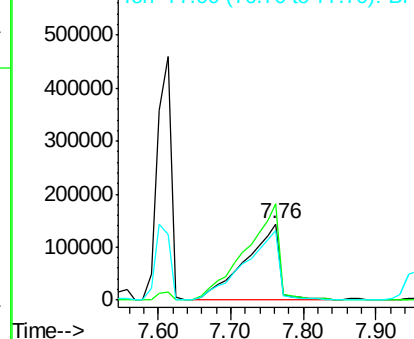
Lab File: BF092111.D

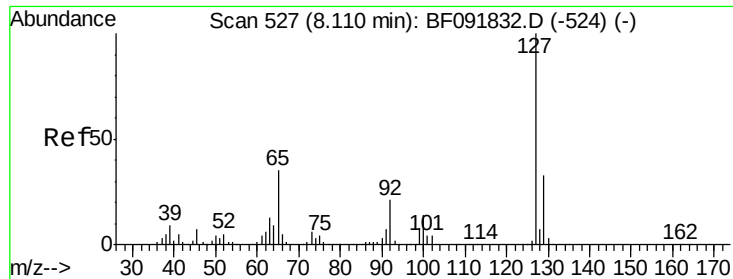
Acq: 6 Jan 2017 12:34

Tgt Ion:122	Resp: 469811
Ion Ratio	Lower Upper
122 100	
105 125.9	107.2 147.2
77 91.7	74.5 114.5



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





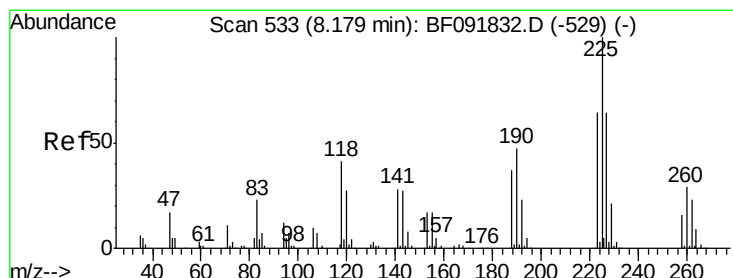
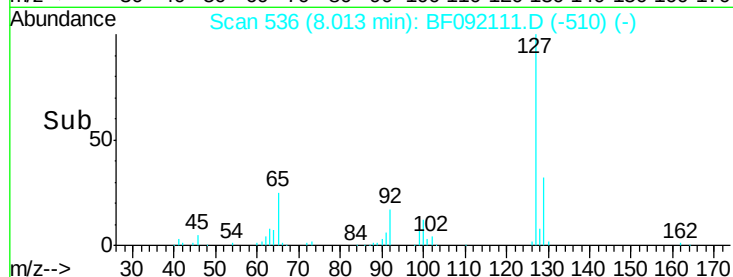
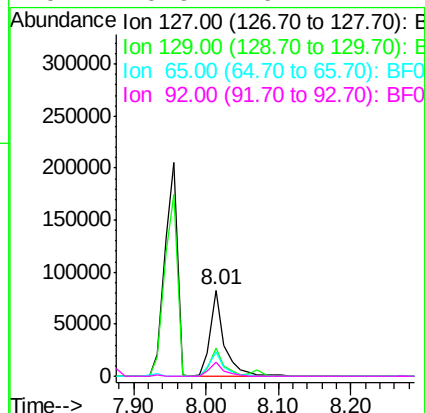
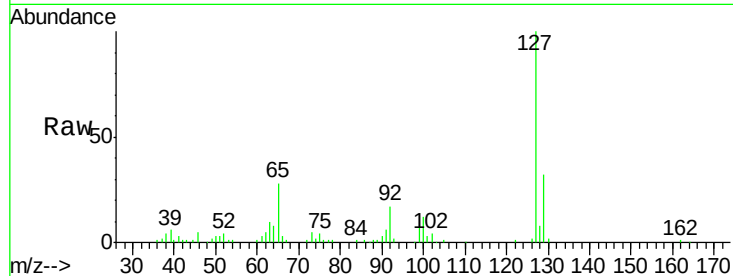
#33
4-Chloroaniline
Concen: 6.17 ng
RT: 8.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.3	39.5		
65	27.6	25.8	38.8		
92	16.9	16.1	24.1		

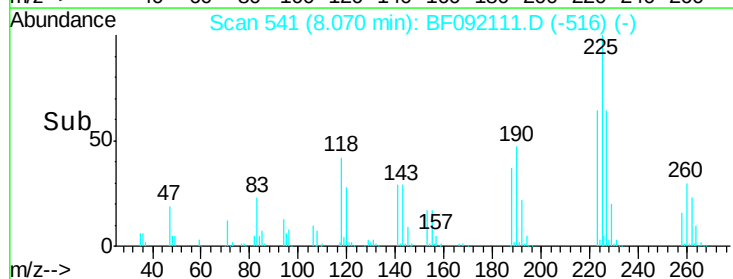
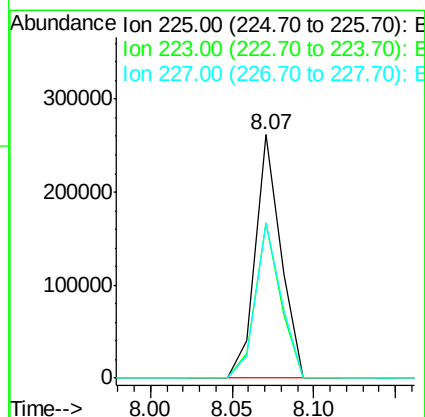
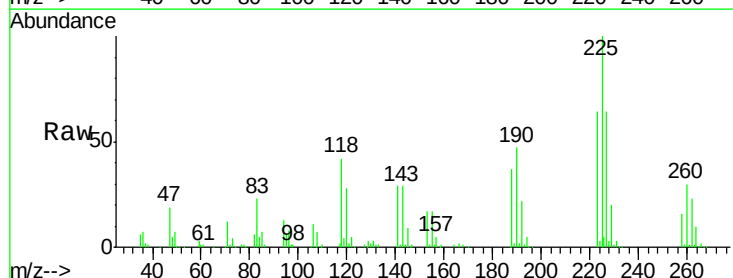
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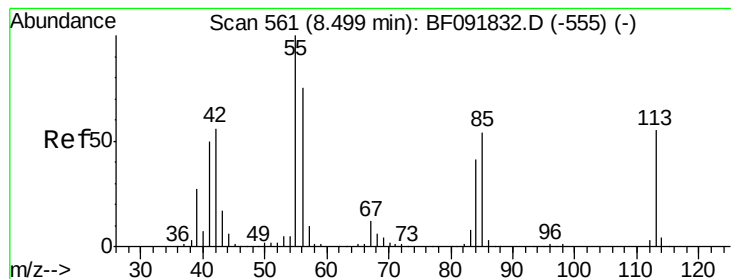
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#34
Hexachlorobutadiene
Concen: 41.84 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	51.0	76.6		
227	63.7	50.6	76.0		





#35

Caprolactam

Concen: 48.89 ng/mL

RT: 8.39 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

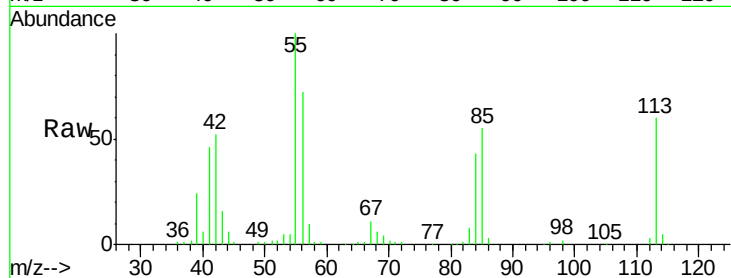
ClientSampleID :

PB95751BS

Tot Ion:	113	Resp:	188686
Ion Ratio	Lower	Upper	
113	100		
55	167.6	119.2	159.2#
56	120.8	83.8	123.8

Manual Integrations
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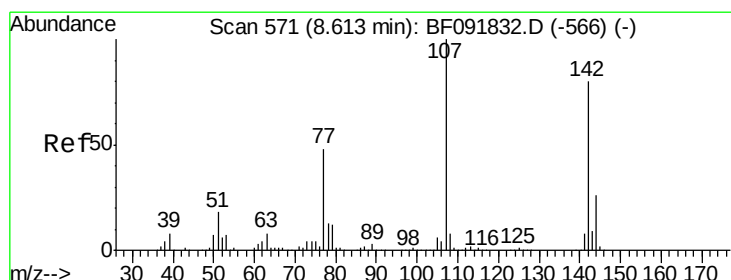
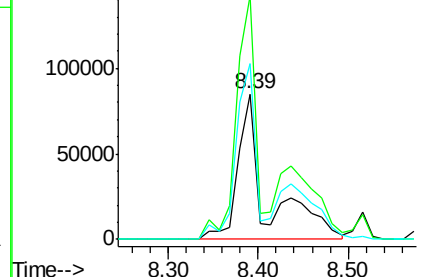
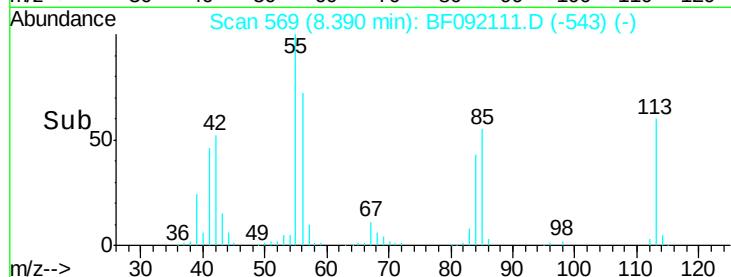
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.63 ng/mL

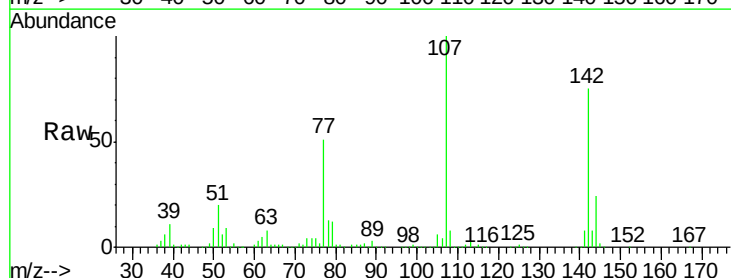
RT: 8.52 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

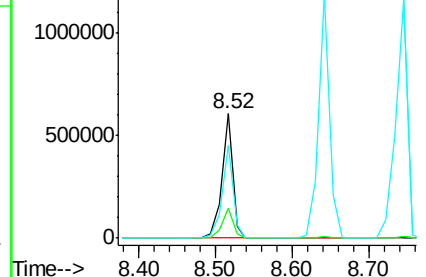
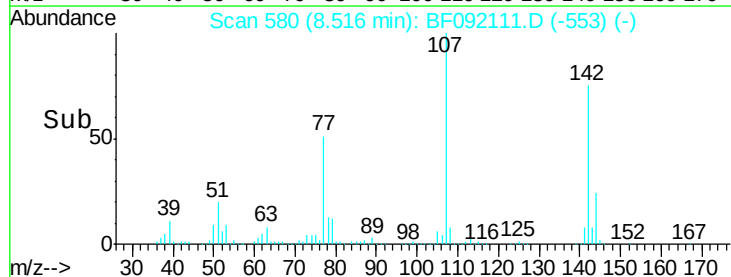
Tgt Ion:	107	Resp:	589658
Ion Ratio	Lower	Upper	
107	100		
144	23.7	19.3	28.9
142	75.0	59.0	88.6

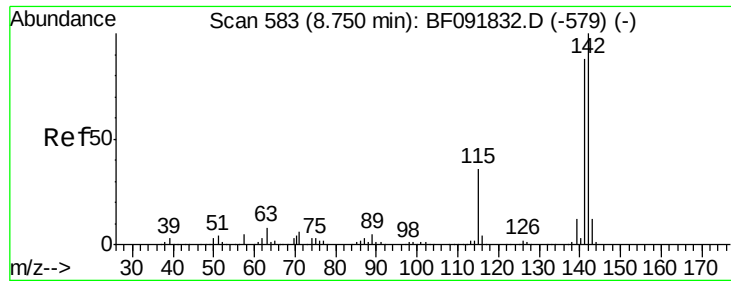


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





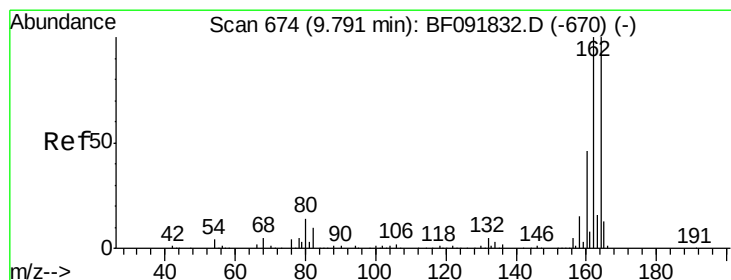
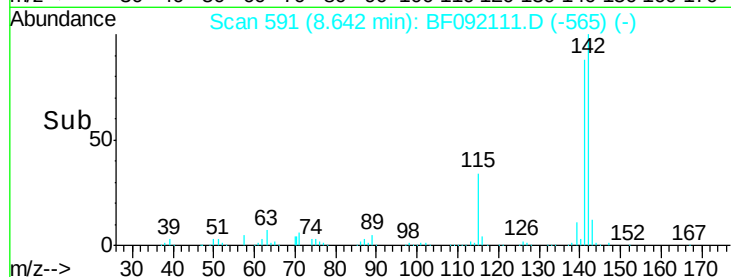
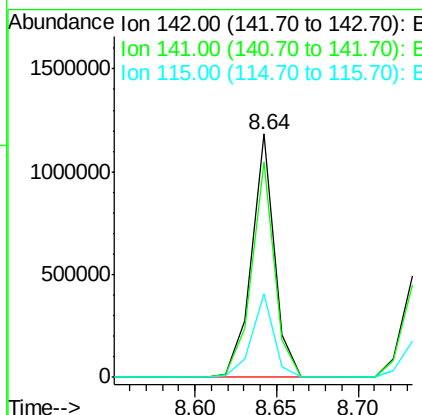
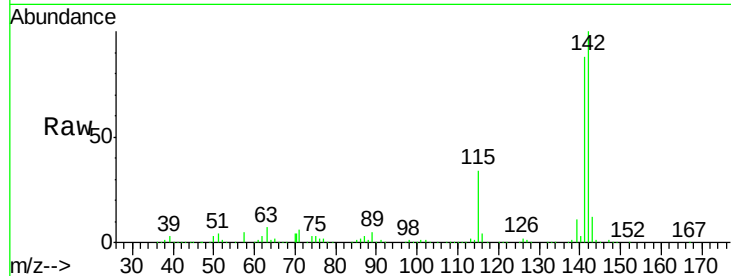
#37
2-Methylnaphthalene
Concen: 48.17 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.0	106.6
115	34.5	28.3	42.5

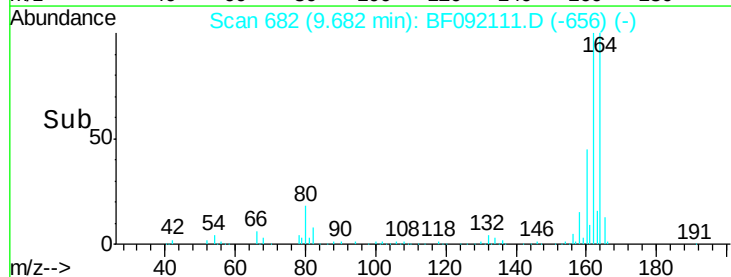
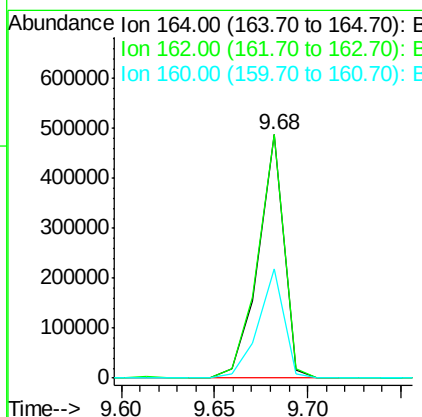
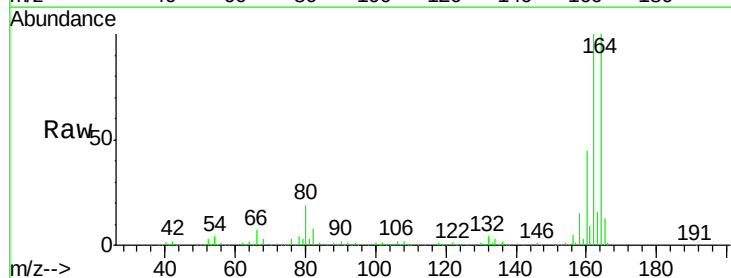
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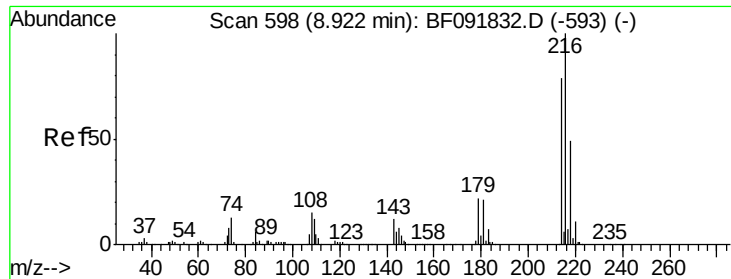
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.2
160	44.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.87 ng

RT: 8.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

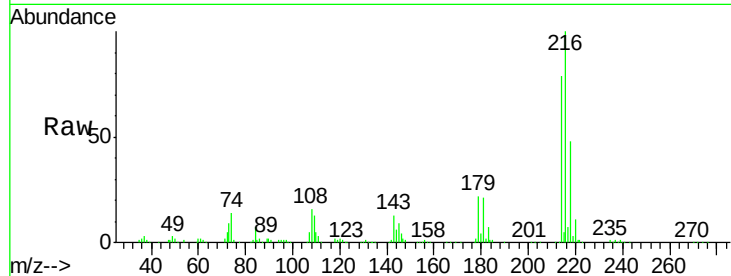
ClientSampleId :

PB95751BS

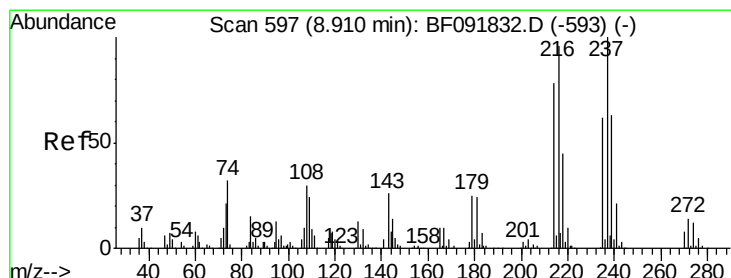
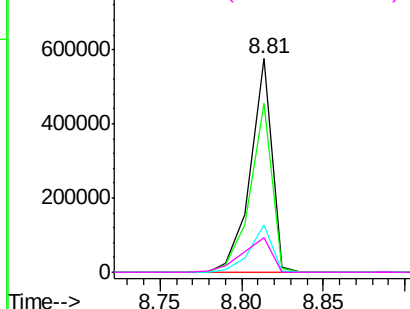
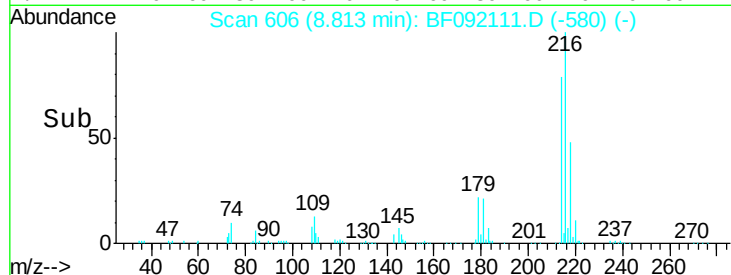
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		528451		
214	79.3		63.4	95.0	
179	22.7		17.4	26.2	
108	22.1		15.6	23.4	

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



#40

Hexachlorocyclopentadiene

Concen: 90.09 ng

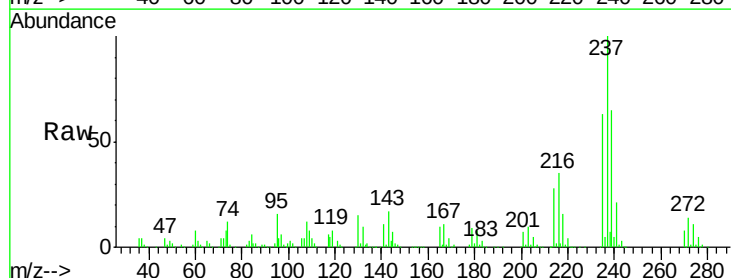
RT: 8.80 min Scan# 605

Delta R.T. 0.00 min

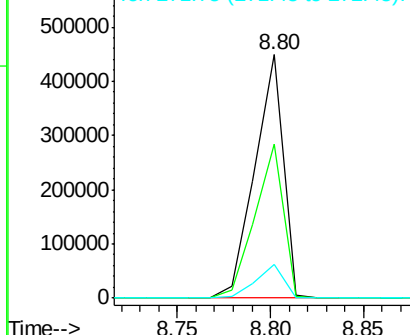
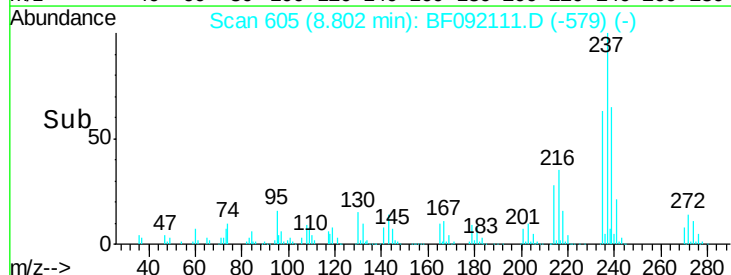
Lab File: BF092111.D

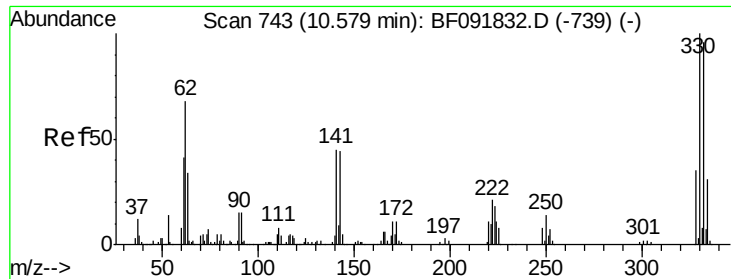
Acq: 6 Jan 2017 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		475263		
235	63.4		41.2	81.2	
272	14.1		0.0	35.4	



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





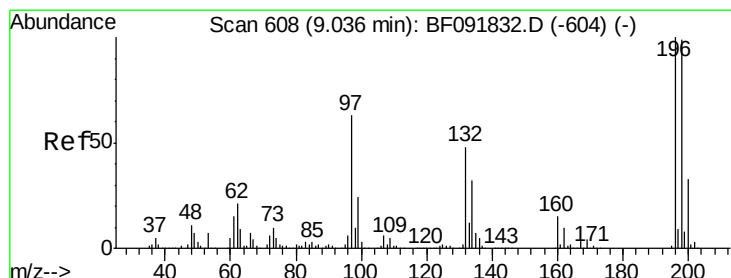
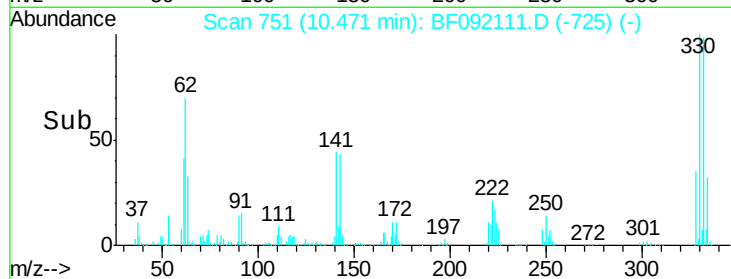
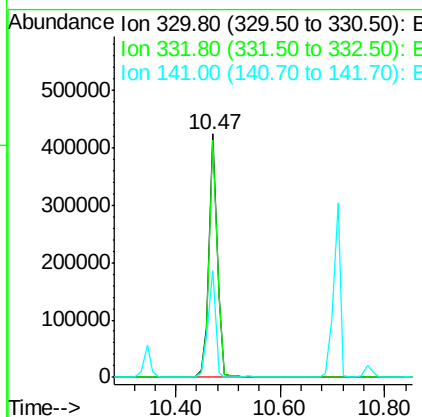
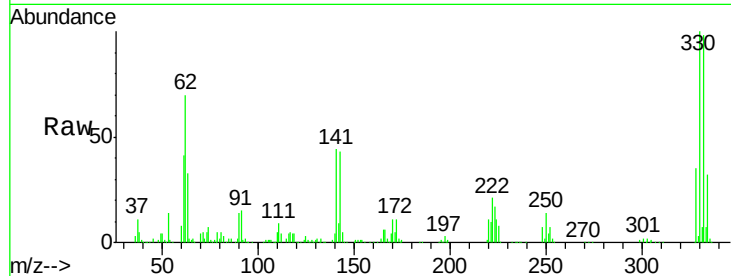
#41
 2,4,6-Tribromophenol
 Concen: 121.09 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Instrument :
 BNA_F
 ClientSampled :
 PB95751BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	40.3	34.1	51.1

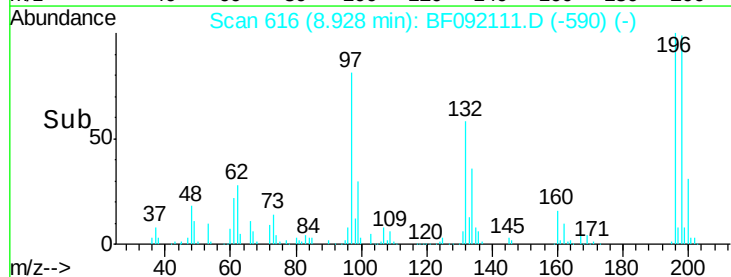
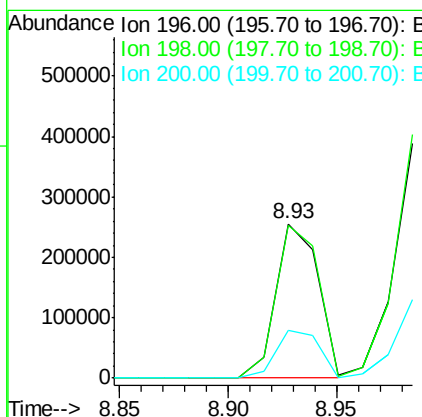
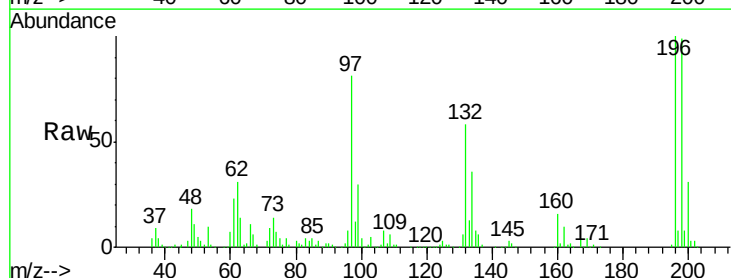
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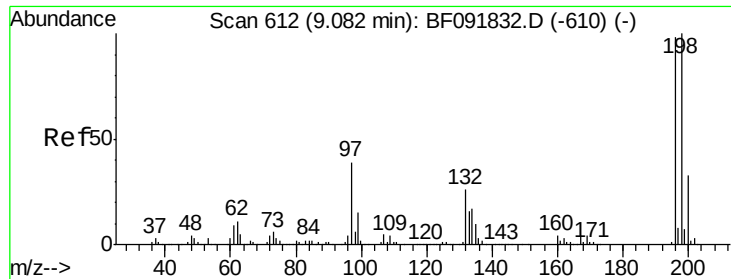
Sohil
 1/9/2017 10:47:16 AM



#42
 2,4,6-Trichlorophenol
 Concen: 42.39 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	82.1	123.1
200	30.7	27.0	40.4





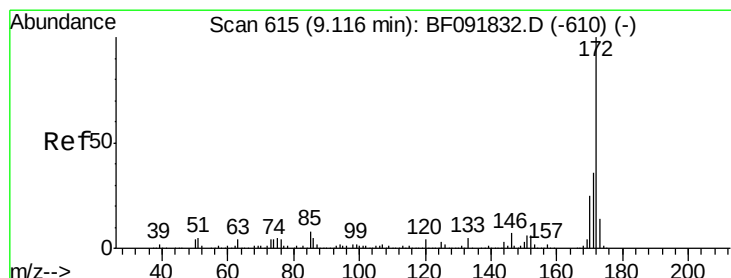
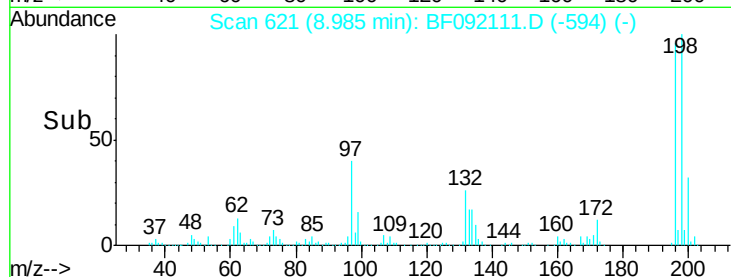
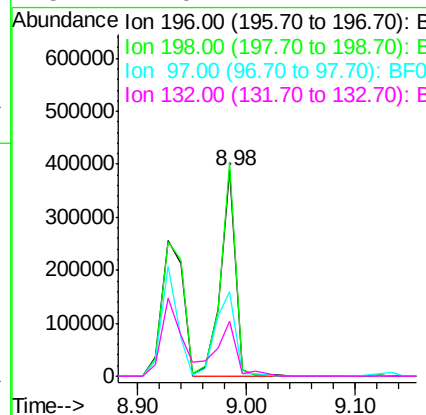
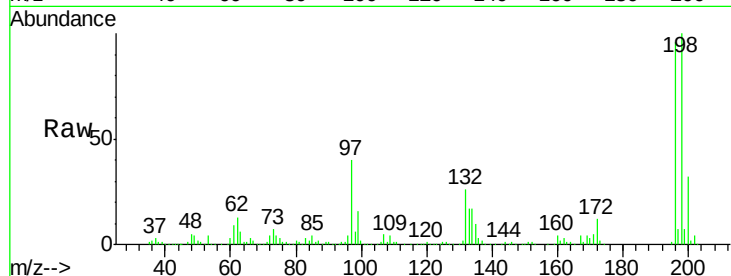
#43
 2,4,5-Trichlorophenol
 Concen: 44.56 ng
 RT: 8.98 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	377647		
198	103.7	79.4	119.2	
97	41.3	51.5	77.3	
132	27.0	27.4	41.2	

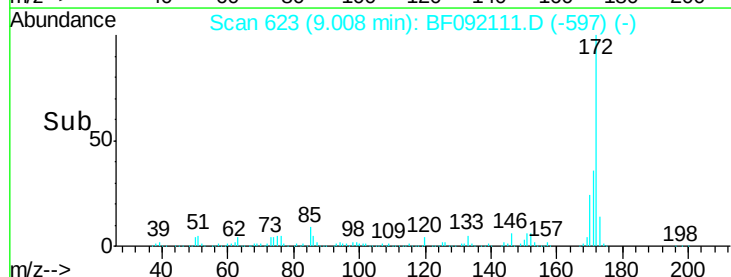
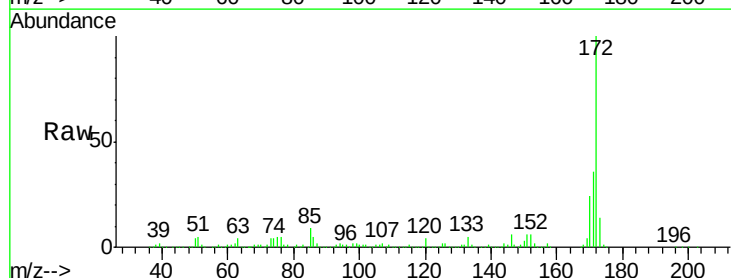
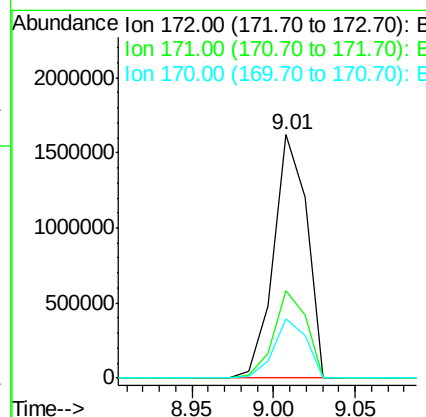
Manual Integrations
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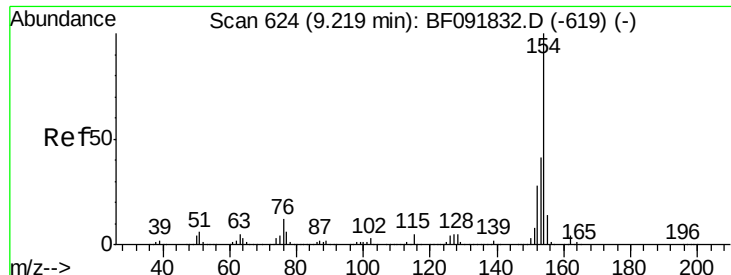
Sohil
 1/9/2017 10:47:16 AM



#44
 2-Fluorobiphenyl
 Concen: 104.05 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2301297		
171	35.7	29.4	44.0	
170	24.4	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 47.34 ng

RT: 9.11 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

Tot Ion:154 Resp: 1510788

Ion Ratio Lower Upper

154 100

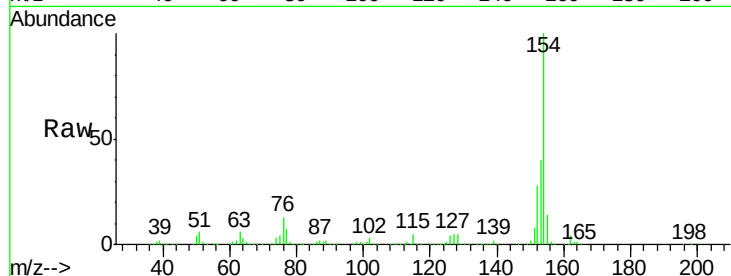
153 40.1 20.9 60.9

76 13.2 0.0 30.5

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Sohil

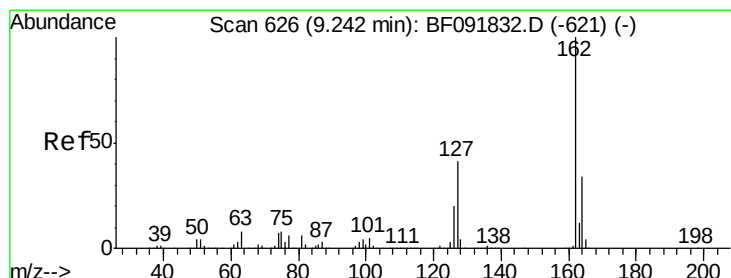
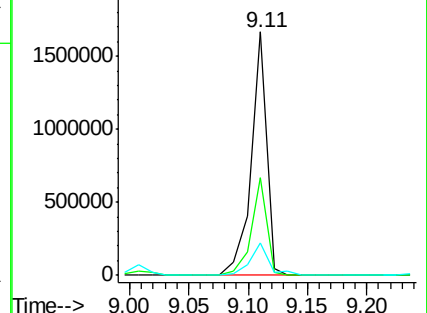
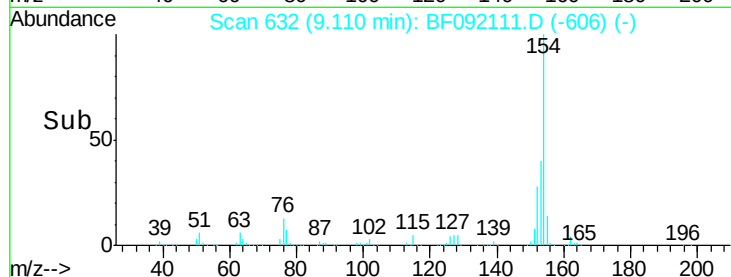
1/9/2017 10:47:16 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.50 ng

RT: 9.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

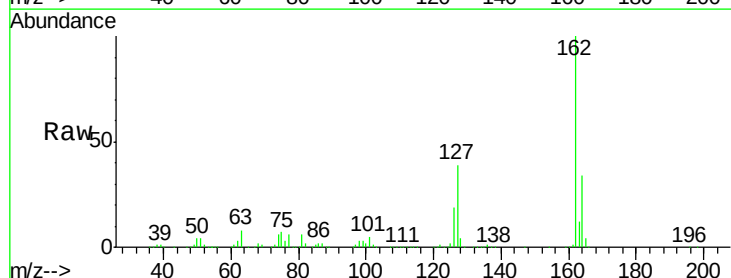
Tgt Ion:162 Resp: 1175244

Ion Ratio Lower Upper

162 100

127 38.8 30.7 46.1

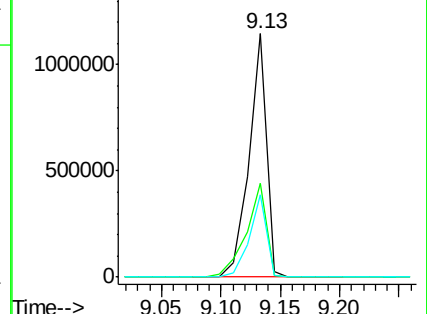
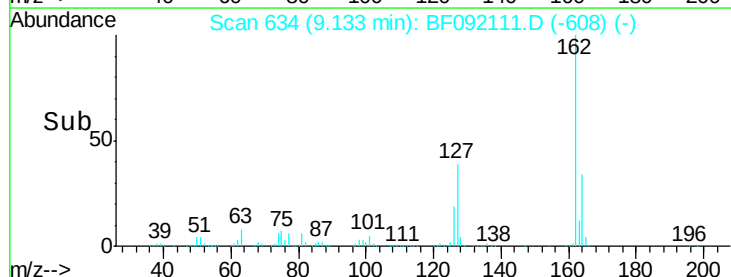
164 33.6 27.6 41.4

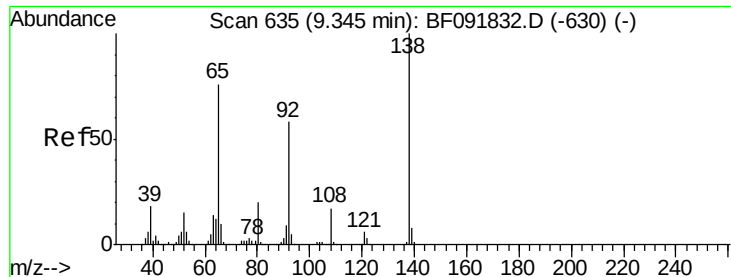


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.48 ng

RT: 9.24 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

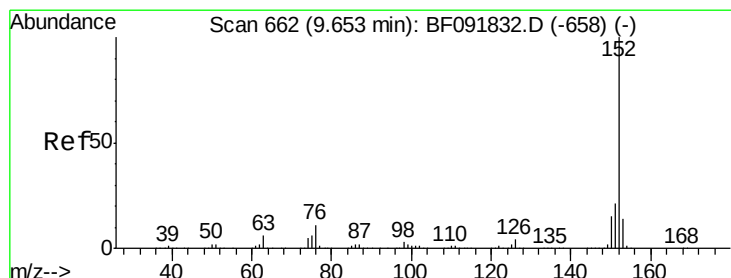
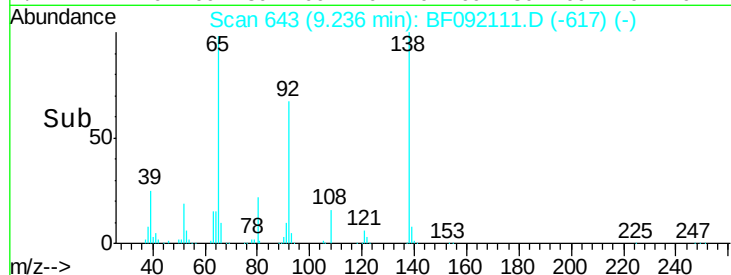
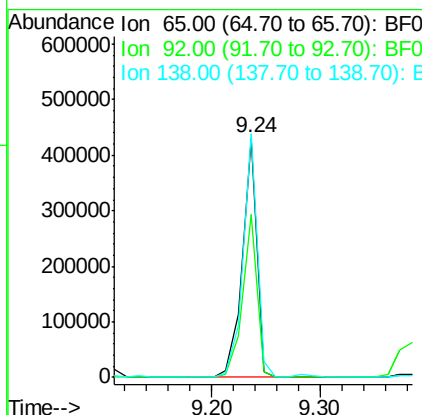
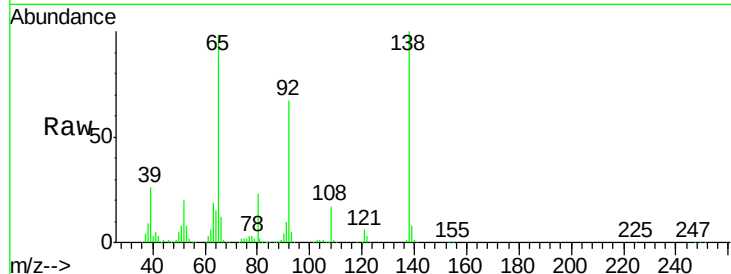
ClientSampleId :

PB95751BS

Tot Ion:	65	Resp:	391227
Ion	Ratio	Lower	Upper
65	100		
92	68.0	53.9	80.9
138	101.9	76.8	115.2

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#48

Acenaphthylene

Concen: 45.72 ng

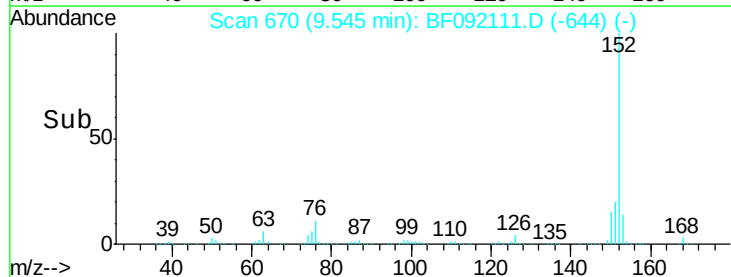
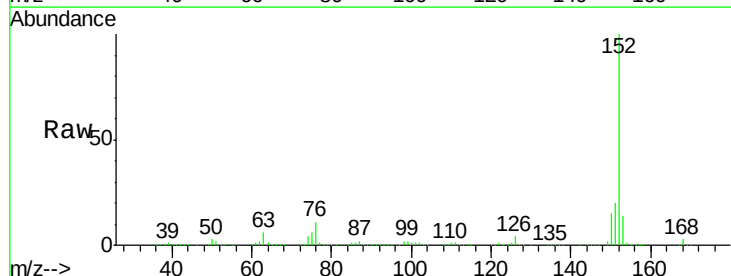
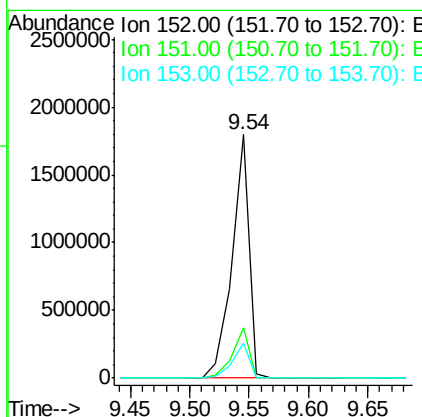
RT: 9.54 min Scan# 670

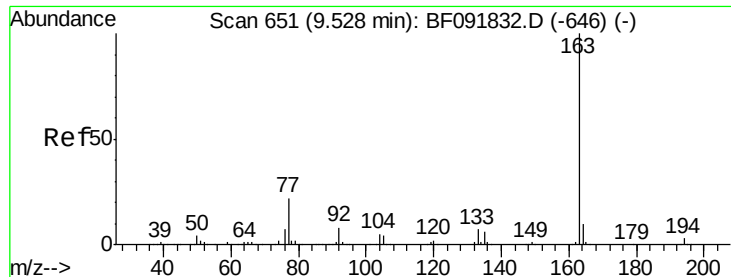
Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Tgt Ion:	152	Resp:	1777300
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	14.3	11.4	17.2





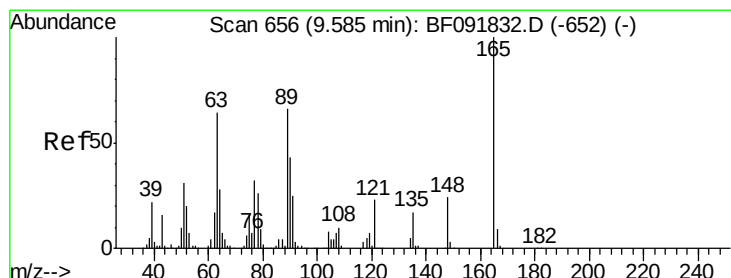
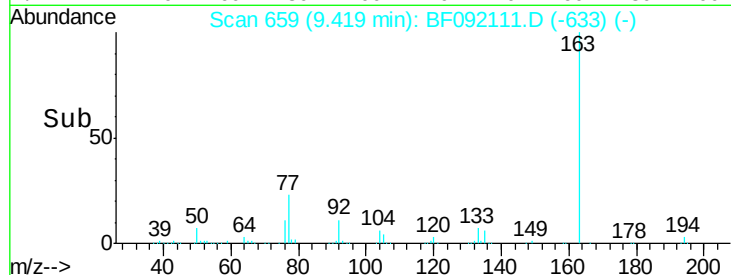
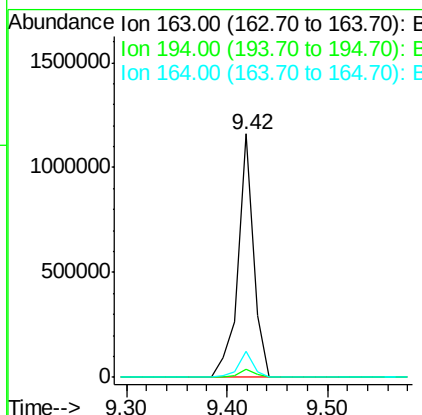
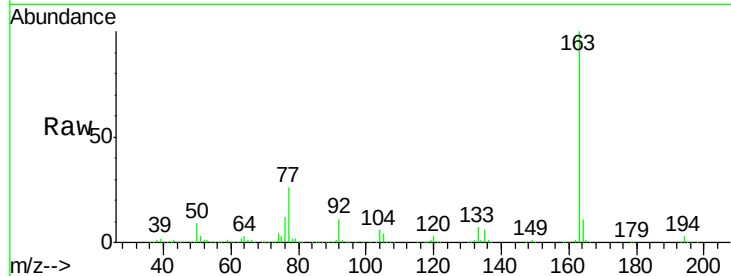
#49
Dimethylphthalate
Concen: 41.73 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tot Ion:163 Resp: 1244069
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.9 8.0 12.0

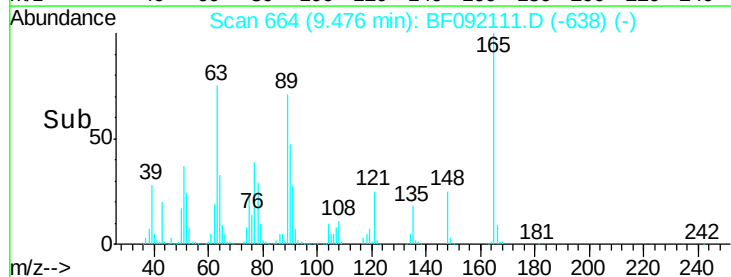
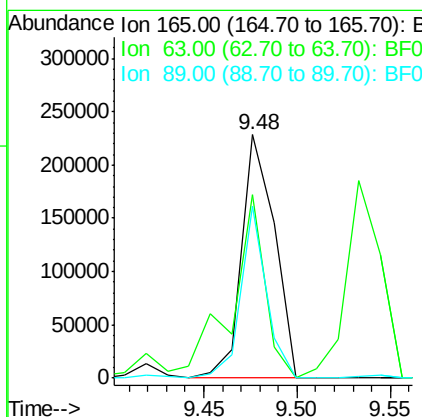
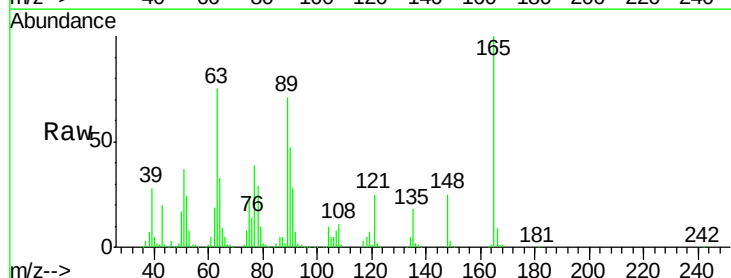
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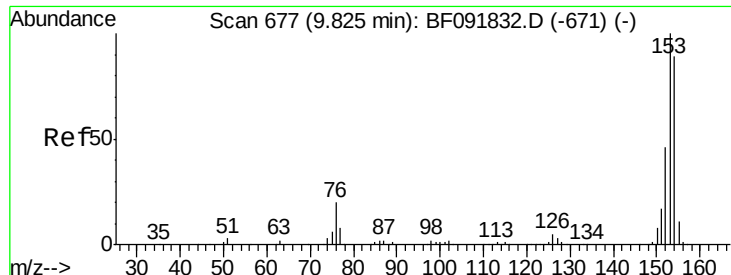
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#50
2,6-Dinitrotoluene
Concen: 42.66 ng
RT: 9.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion:165 Resp: 278388
Ion Ratio Lower Upper
165 100
63 75.4 36.2 54.4#
89 70.8 40.2 60.4#





#51

Acenaphthene

Concen: 42.63 ng

RT: 9.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

Tot Ion:154 Resp: 1123394

Ion Ratio Lower Upper

154 100

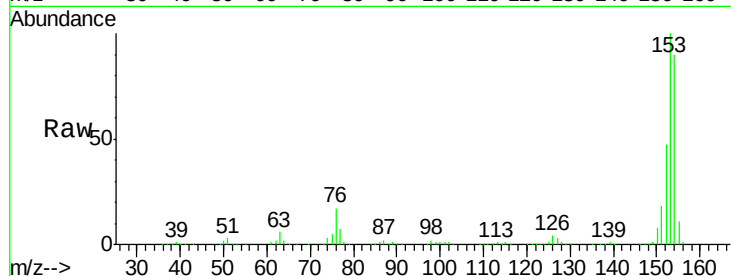
153 111.4 88.6 133.0

152 51.9 41.6 62.4

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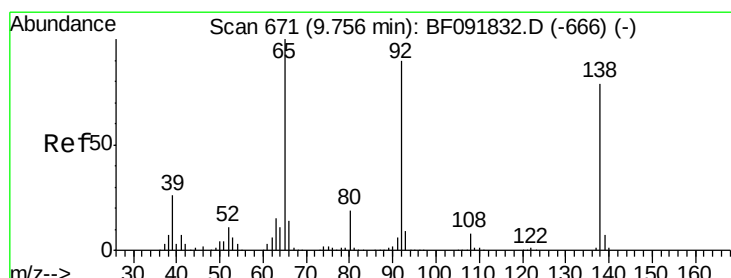
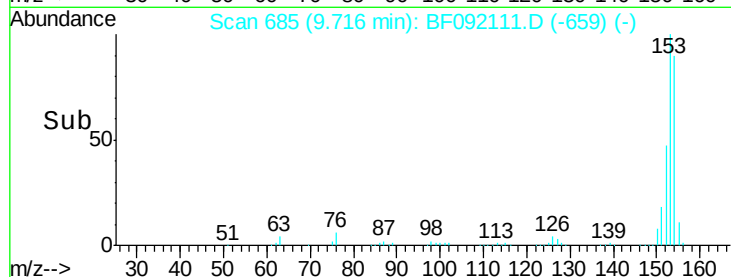
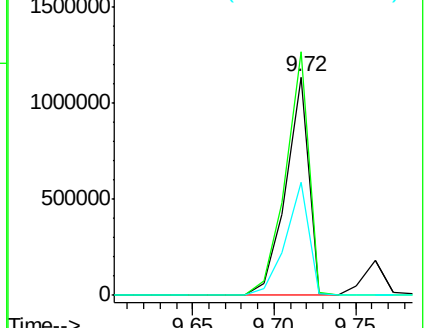
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.58 ng

RT: 9.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

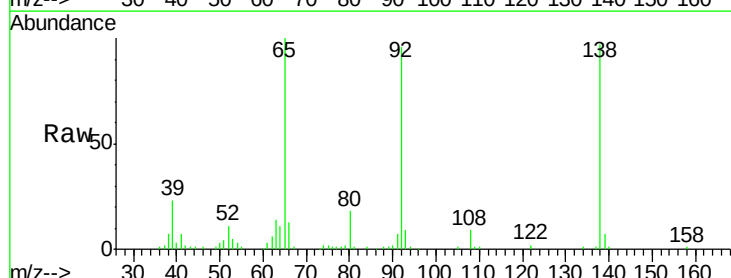
Tgt Ion:138 Resp: 85399

Ion Ratio Lower Upper

138 100

108 8.9 8.5 12.7

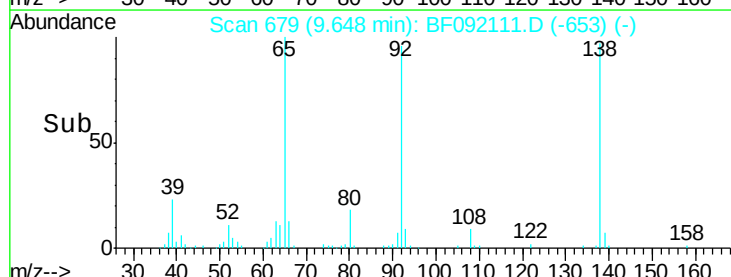
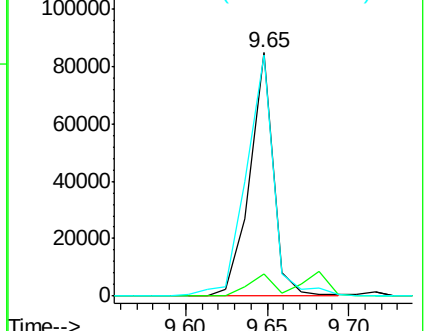
92 99.2 97.8 146.8

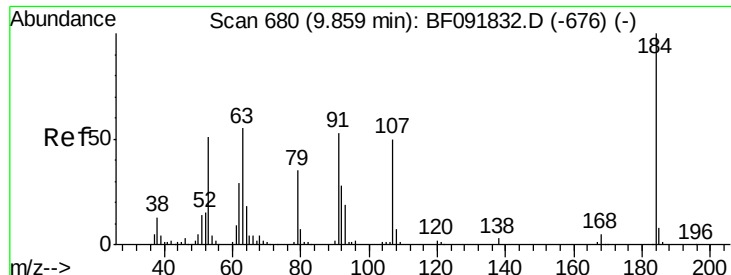


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





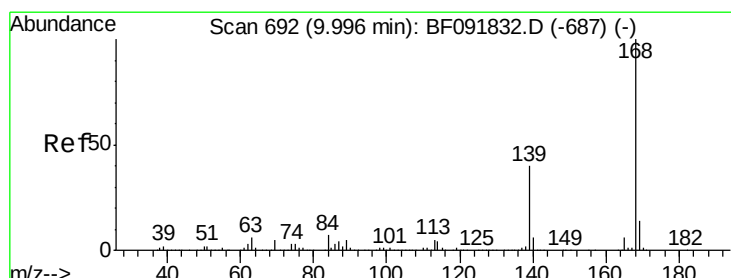
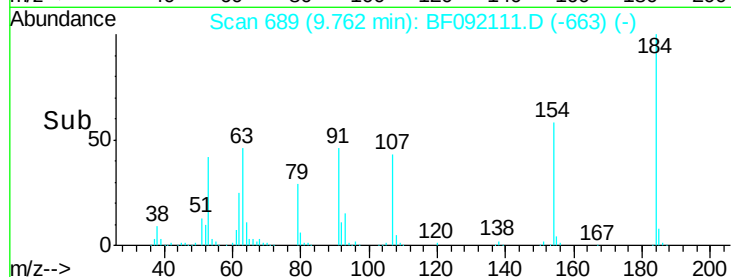
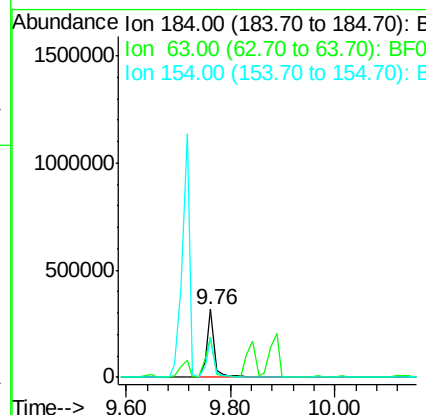
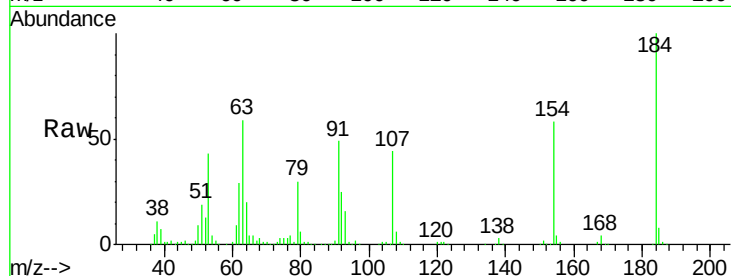
#53
 2,4-Dinitrophenol
 Concen: 92.47 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Instrument :
 BNA_F
 ClientSampled :
 PB95751BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	335731		
63	59.2	28.4	42.6	#
154	58.1	44.3	66.5	

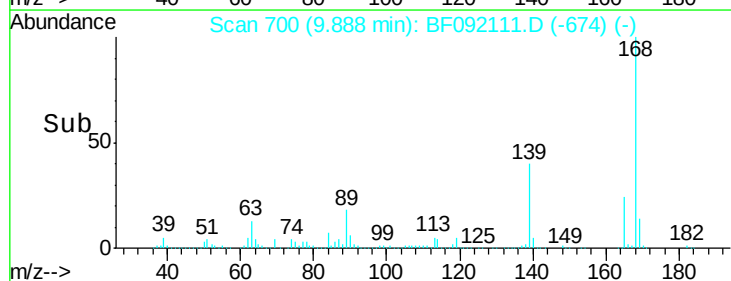
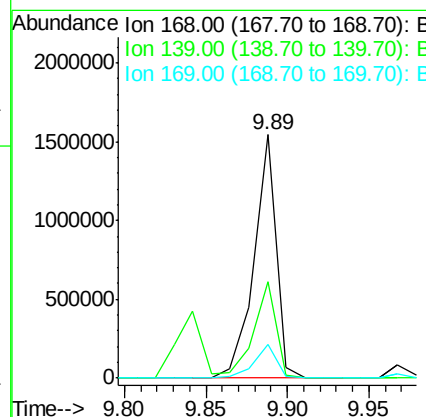
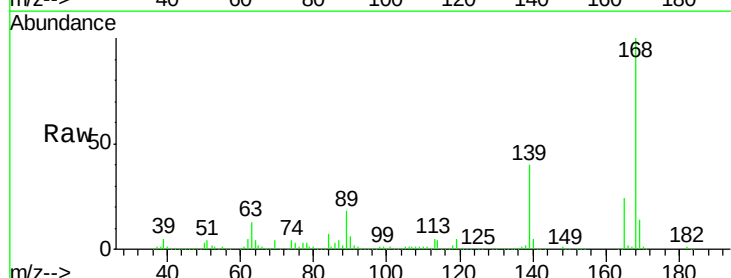
Manual Integrations
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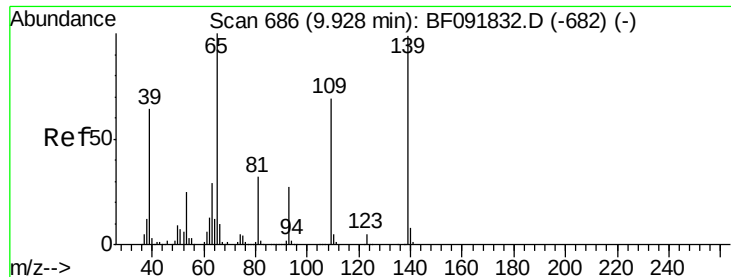
Sohil
 1/9/2017 10:47:16 AM



#54
 Dibenzofuran
 Concen: 40.90 ng
 RT: 9.89 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1455417		
139	39.6	32.6	49.0	
169	13.7	11.3	16.9	





#55

4-Nitrophenol

Concen: 83.62 ng

RT: 9.84 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

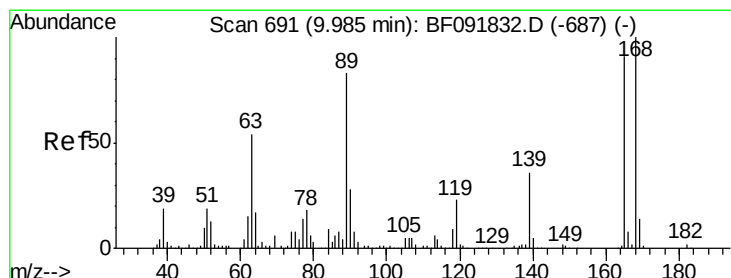
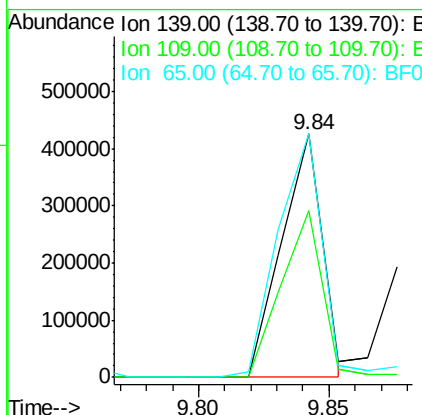
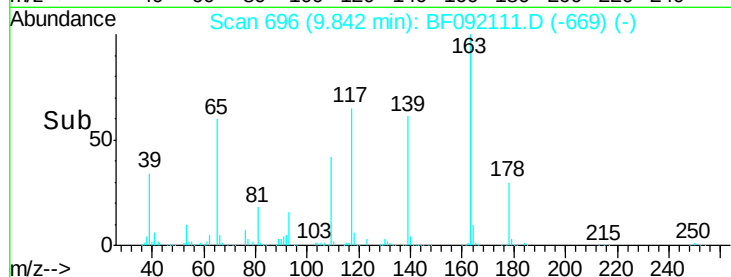
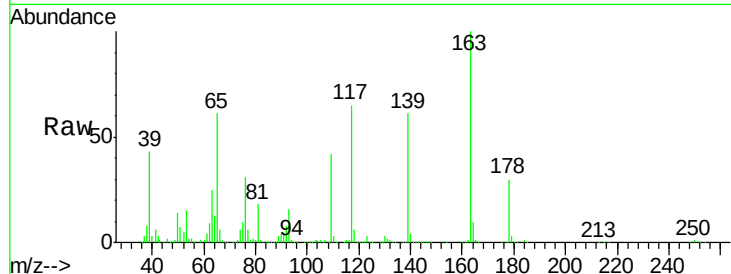
ClientSampleId :

PB95751BS

Tot Ion:	139	Resp:	458452
Ion Ratio	Lower	Upper	
139	100		
109	68.6	52.2	92.2
65	99.8	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 47.23 ng

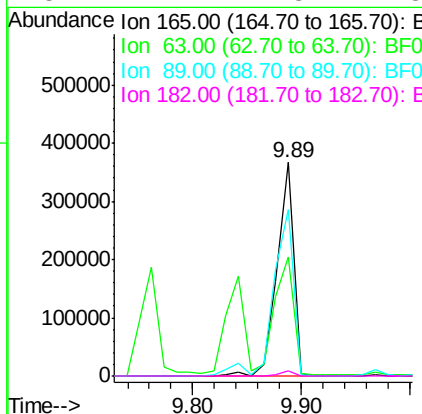
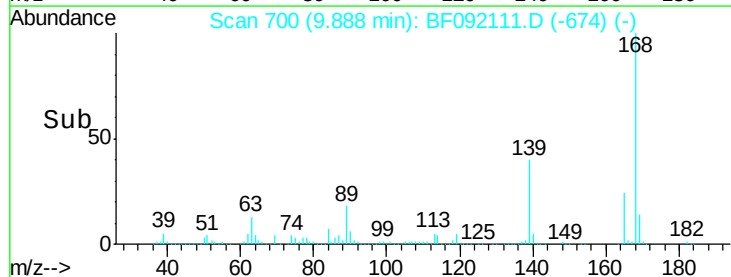
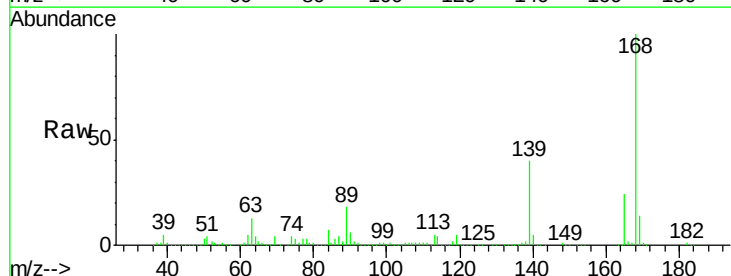
RT: 9.89 min Scan# 700

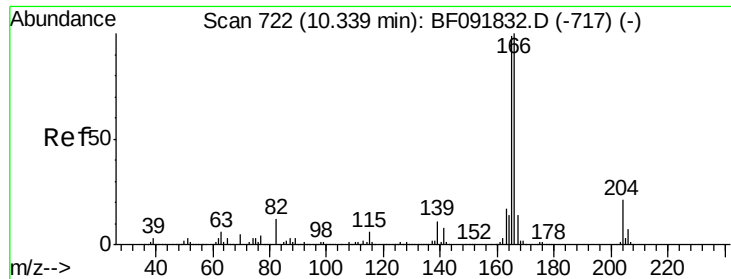
Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Tgt Ion:	165	Resp:	386800
Ion Ratio	Lower	Upper	
165	100		
63	55.6	40.2	60.4
89	77.8	62.5	93.7
182	2.2	1.8	2.8





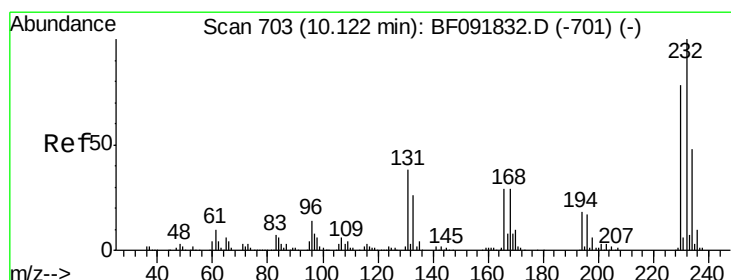
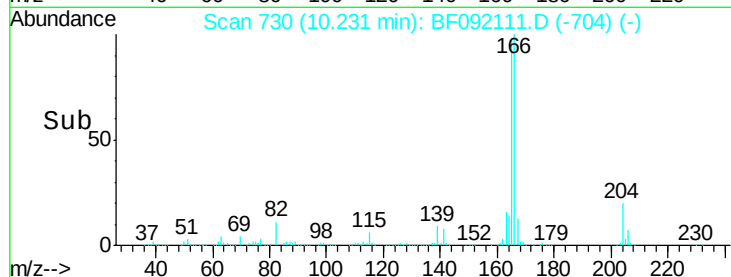
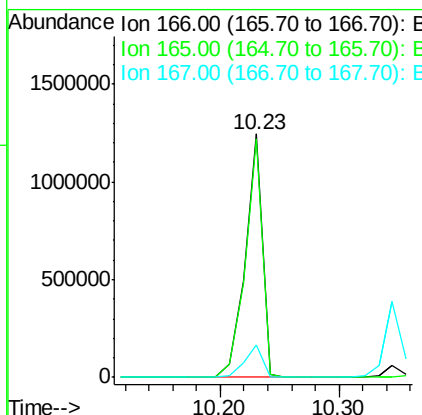
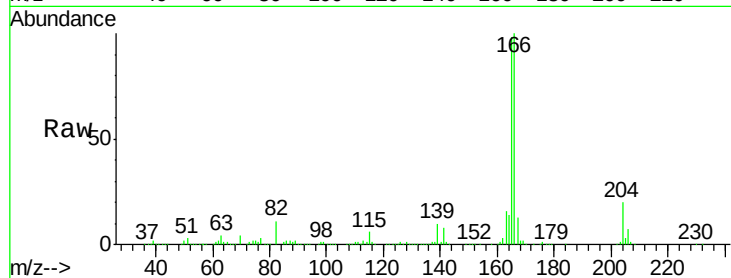
#57
Fluorene
Concen: 48.38 ng
RT: 10.23 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tot Ion:166 Resp: 1252751
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 13.4 10.8 16.2

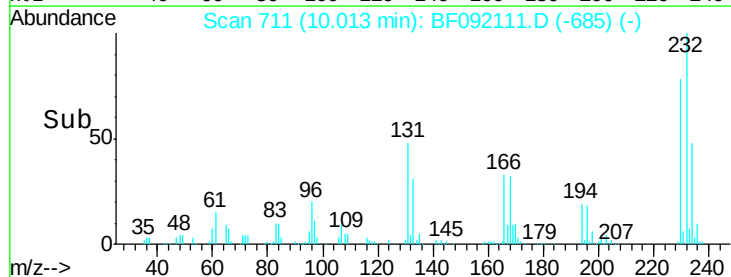
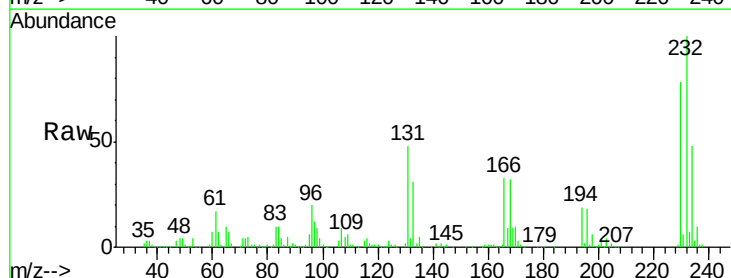
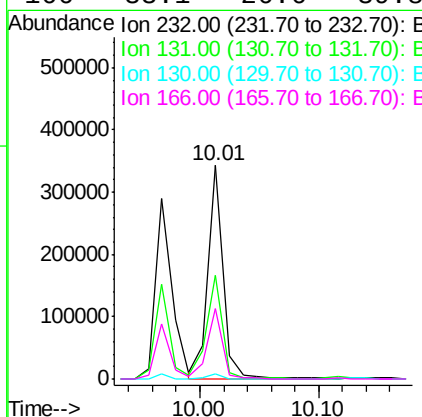
Manual Integrations
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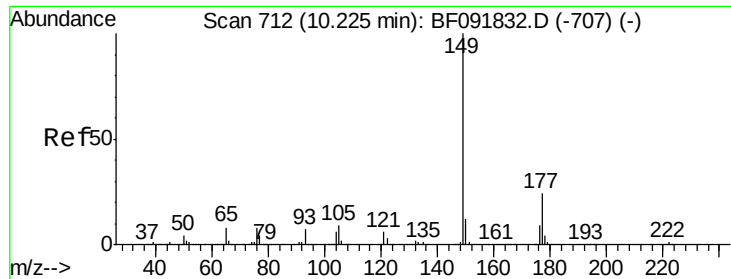
Sohil
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#58
2,3,4,6-Tetrachlorophenol
Concen: 45.79 ng
RT: 10.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion:232 Resp: 306958
Ion Ratio Lower Upper
232 100
131 50.9 40.1 60.1
130 2.3 1.8 2.8
166 33.1 26.6 39.8





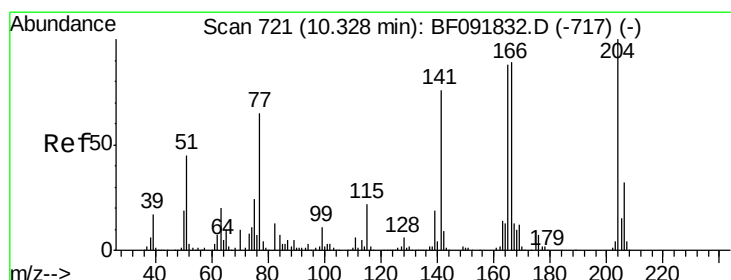
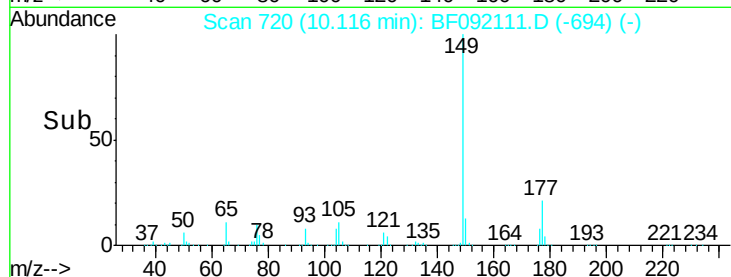
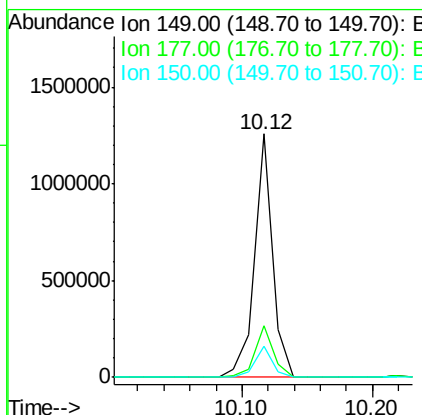
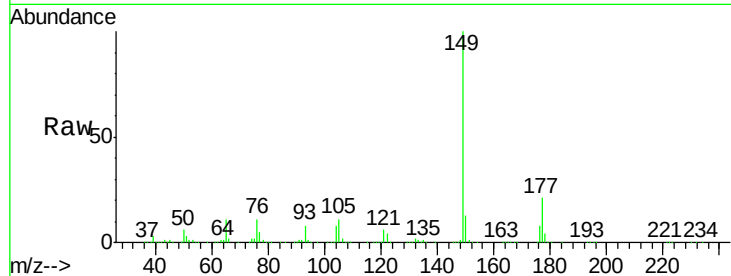
#59
Diethylphthalate
Concen: 41.84 ng
RT: 10.12 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampled :
PB95751BS

Tot Ion:149 Resp: 1211290
Ion Ratio Lower Upper
149 100
177 21.2 16.6 25.0
150 12.8 10.4 15.6

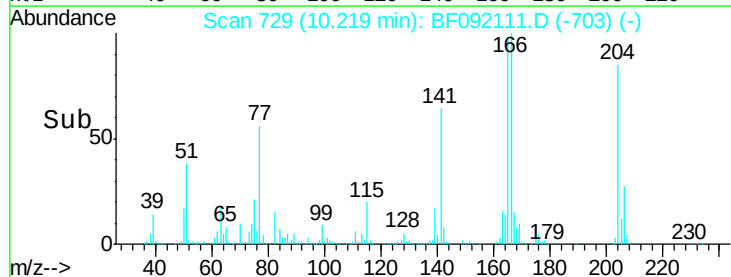
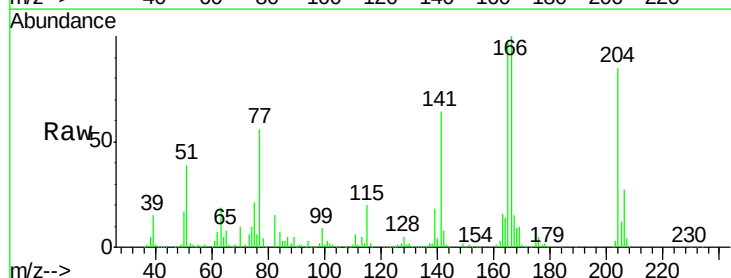
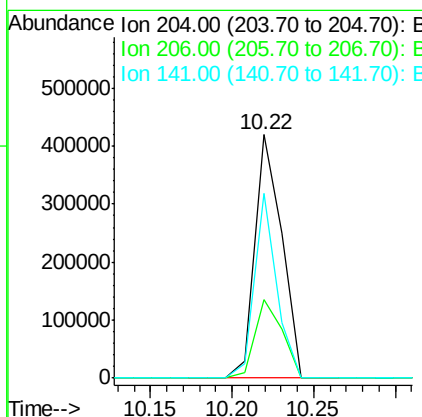
Manual Integrations
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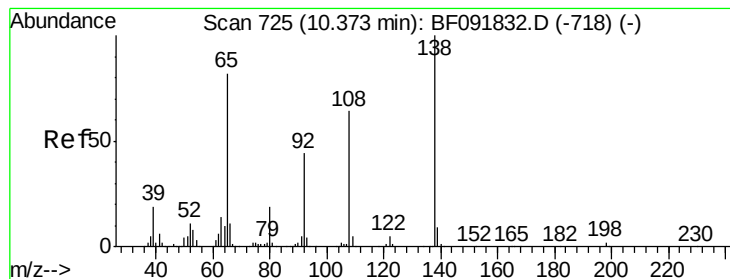
Sohil
1/9/2017 10:47:16 AM



#60
4-Chlorophenyl-phenylether
Concen: 42.45 ng
RT: 10.22 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion:204 Resp: 481230
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 75.7 59.4 89.0





#61

4-Nitroaniline

Concen: 38.27 ng

RT: 10.26 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

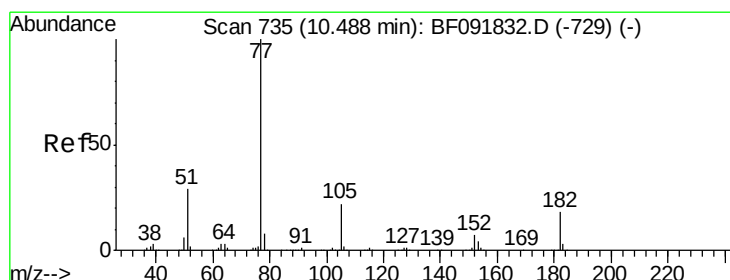
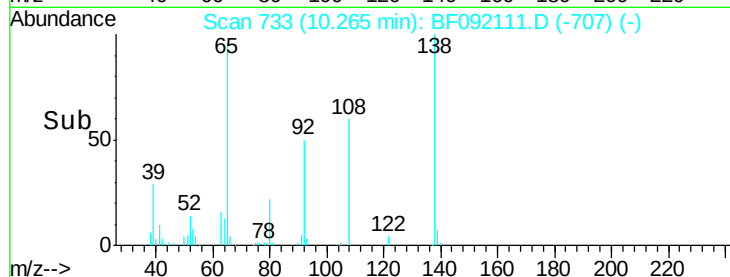
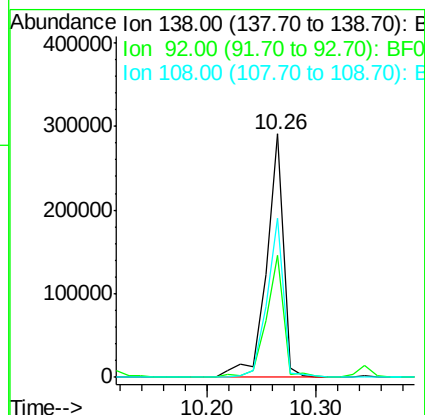
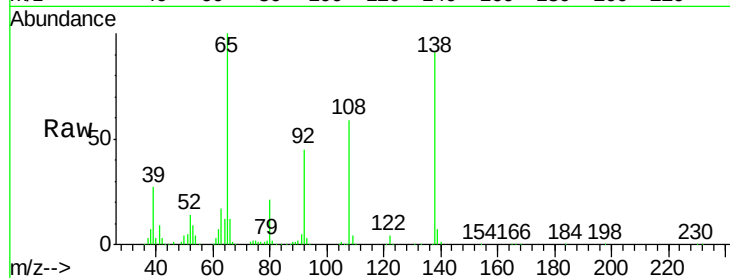
ClientSampleId :

PB95751BS

Tot Ion:	138	Resp:	320236
Ion Ratio	Lower	Upper	
138	100		
92	49.9	31.7	71.7
108	65.2	52.6	92.6

Manual Integrations
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1/9/2017 10:47:16 AM



#62

Azobenzene

Concen: 45.49 ng

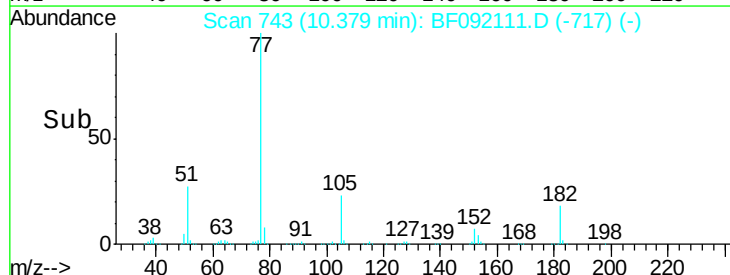
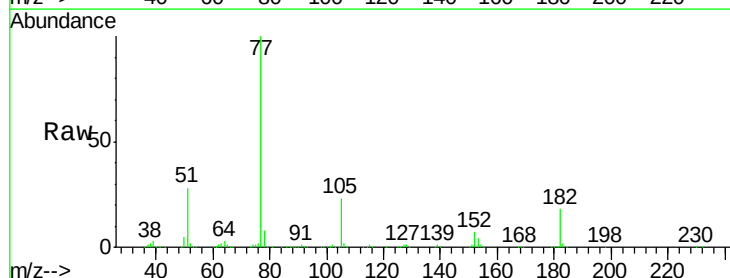
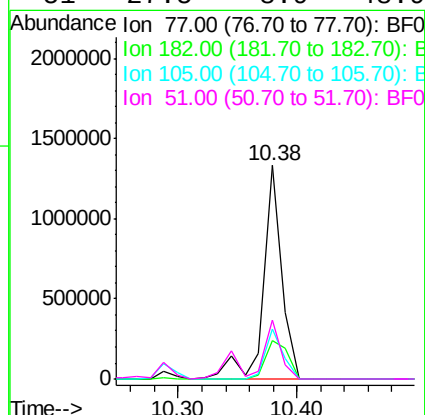
RT: 10.38 min Scan# 743

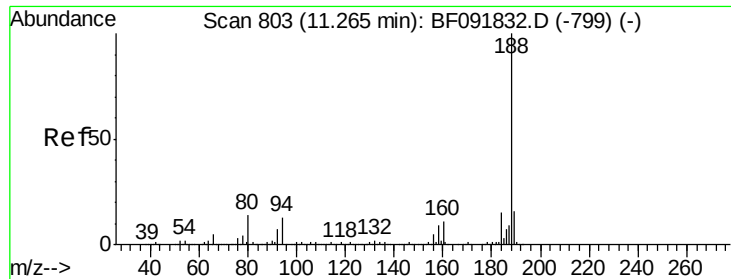
Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Tgt Ion:	77	Resp:	1450007
Ion Ratio	Lower	Upper	
77	100		
182	18.0	0.0	39.3
105	23.2	2.3	42.3
51	27.5	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

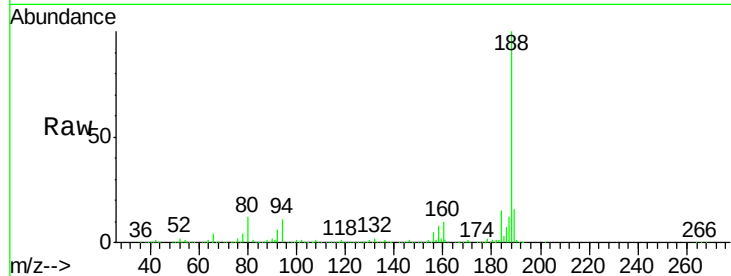
ClientSampled :

PB95751BS

Tot Ion:	188	Resp:	733440
Ion Ratio	Lower	Upper	
188	100		
94	11.0	10.0	15.0
80	11.7	11.2	16.8

Manual Integrations
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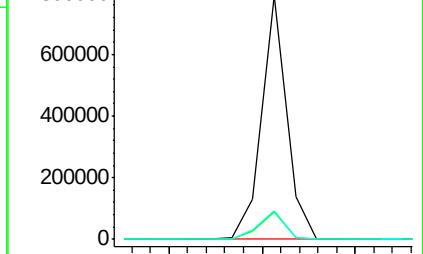
Sohil
1/9/2017 10:47:16 AM



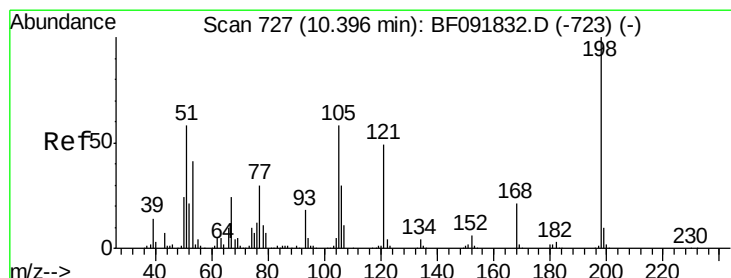
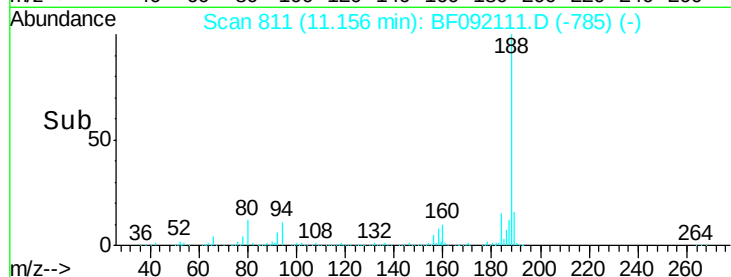
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 46.69 ng

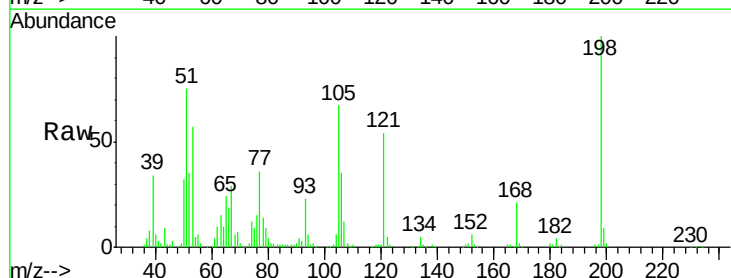
RT: 10.29 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

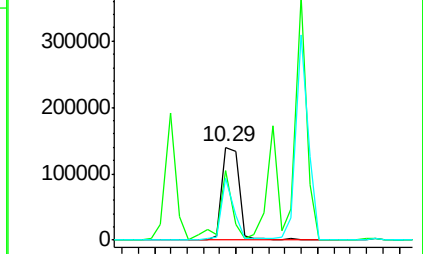
Tgt Ion:	198	Resp:	207062
Ion Ratio	Lower	Upper	
198	100		
51	75.3	6.7	46.7#
105	67.0	16.6	56.6#



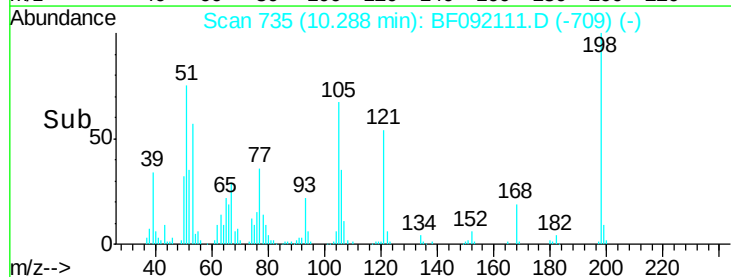
Abundance Ion 198.00 (197.70 to 198.70): E

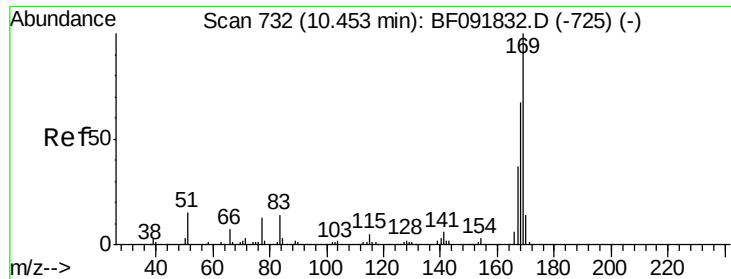
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 46.27 ng

RT: 10.34 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

Tot Ion:169 Resp: 1007034

Ion Ratio Lower Upper

169 100

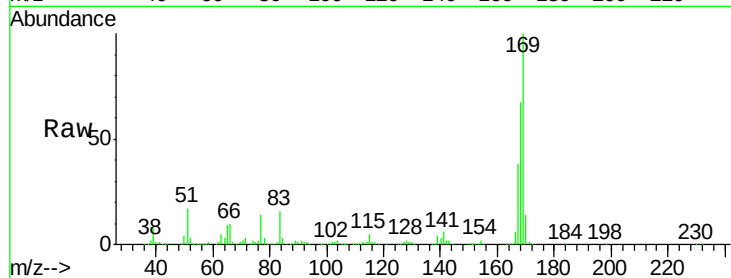
168 67.2 54.2 81.2

167 37.7 30.2 45.4

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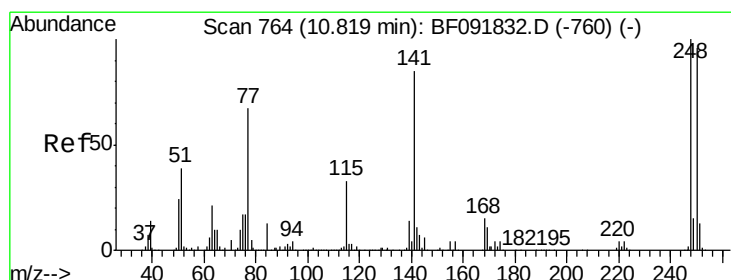
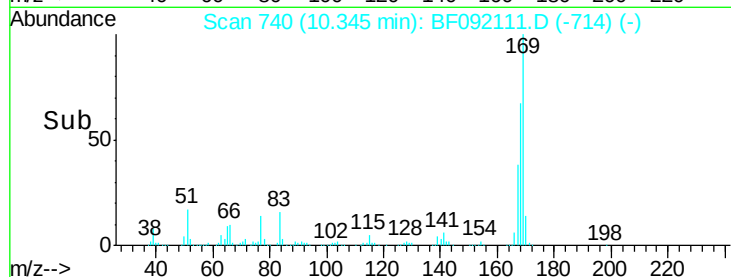
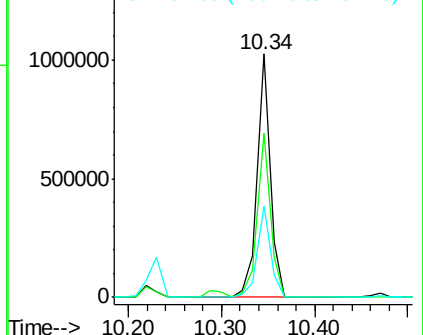
1/9/2017 10:47:16 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.57 ng

RT: 10.71 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

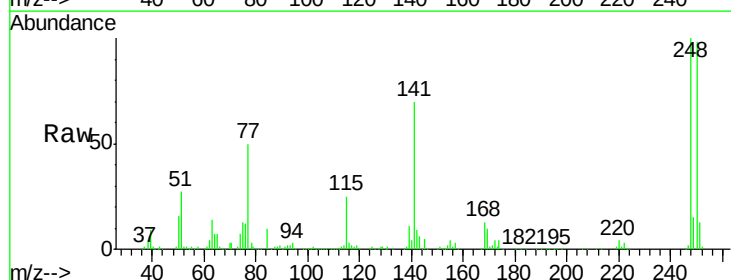
Tgt Ion:248 Resp: 362932

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

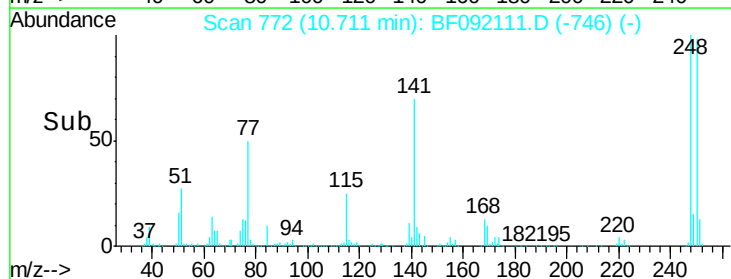
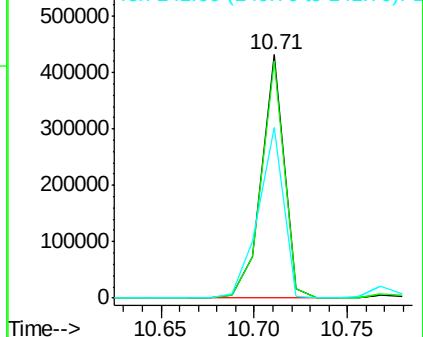
141 70.2 68.2 102.4

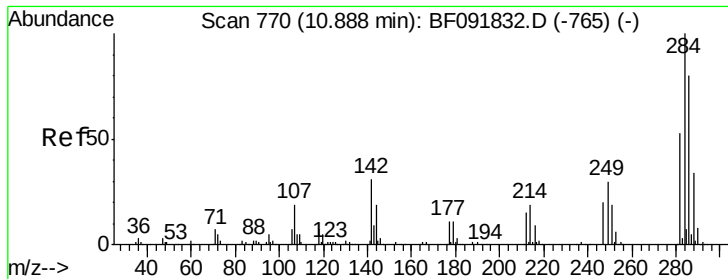


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





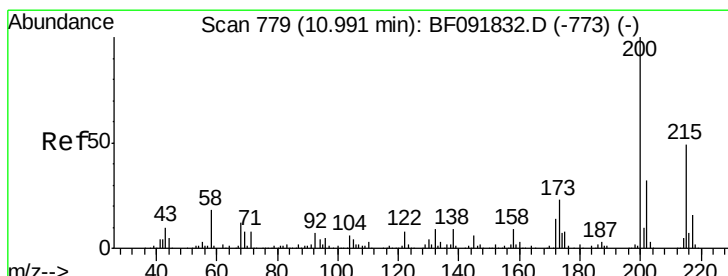
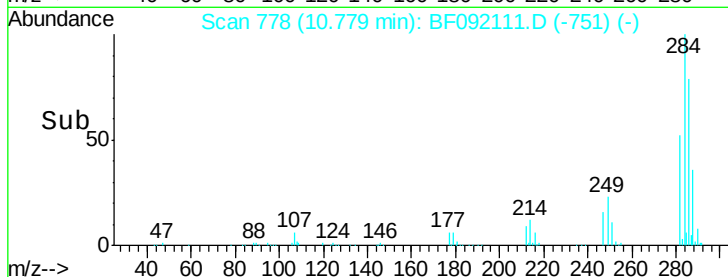
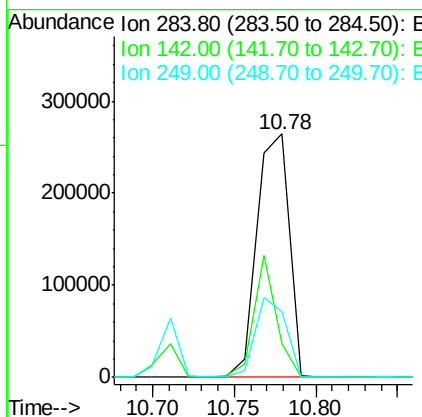
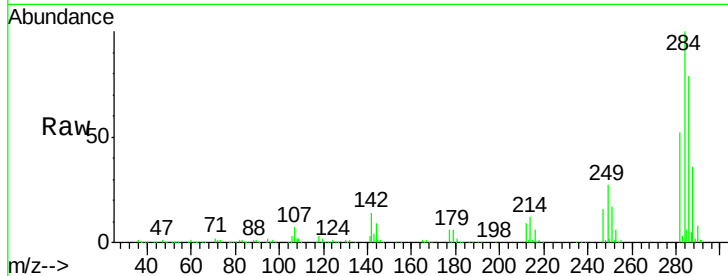
#67
Hexachlorobenzene
Concen: 44.62 ng
RT: 10.78 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	363878		
142	14.1	22.6	33.8#	
249	26.8	25.4	38.0	

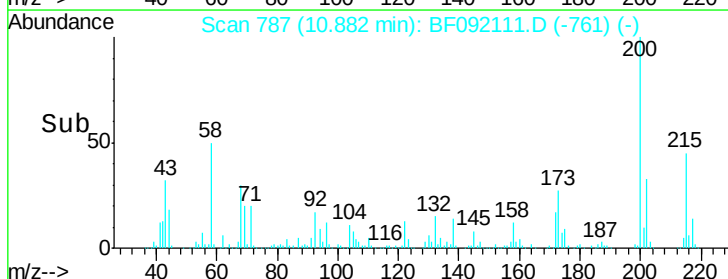
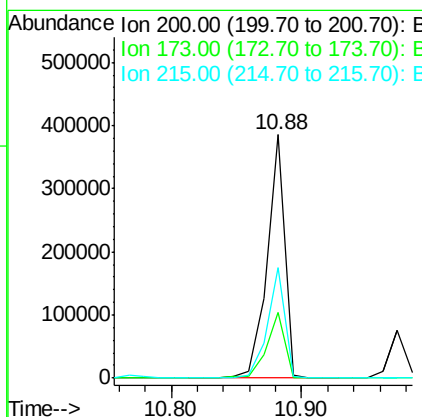
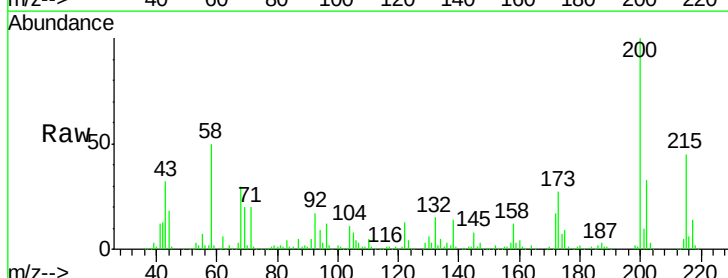
Manual Integrations
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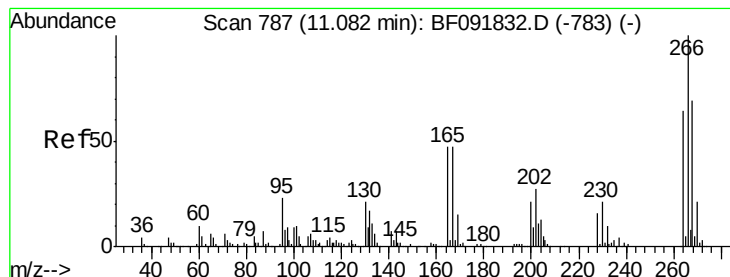
Sohil
1/9/2017 10:47:16 AM



#68
Atrazine
Concen: 51.90 ng
RT: 10.88 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	364337		
173	27.1	9.6	49.6	
215	45.3	25.7	65.7	





#69

Pentachlorophenol

Concen: 85.32 ng

RT: 10.97 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

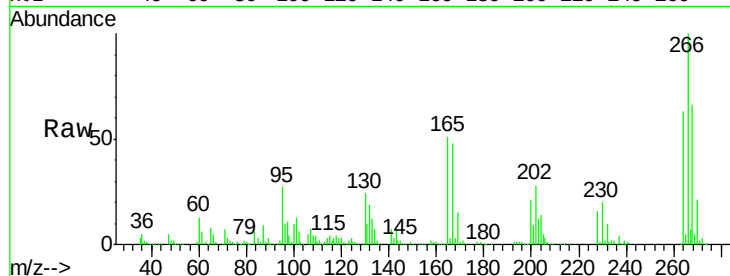
ClientSampleId :

PB95751BS

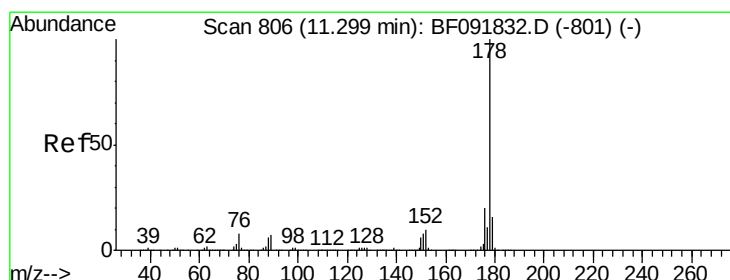
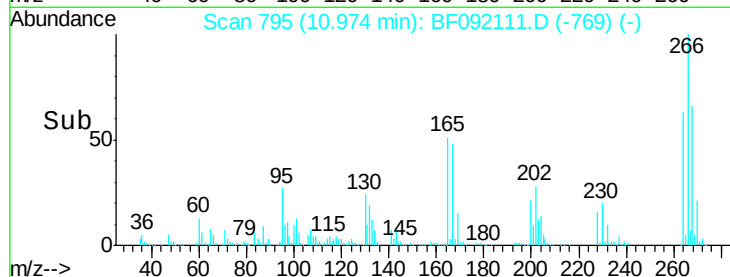
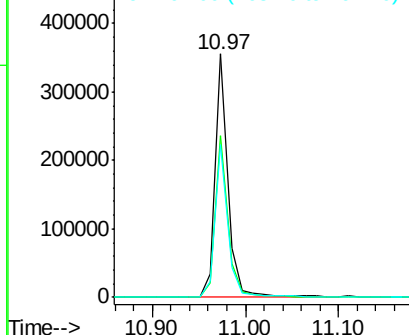
Tot Ion:	266	Resp:	341414
Ion Ratio		Lower	Upper
266	100		
268	66.2	53.3	79.9
264	62.6	50.3	75.5

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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: 41.57 ng

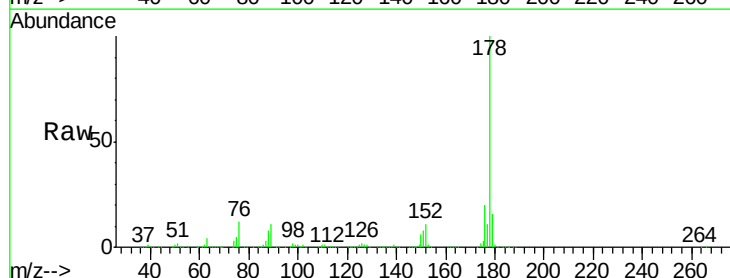
RT: 11.18 min Scan# 813

Delta R.T. 0.00 min

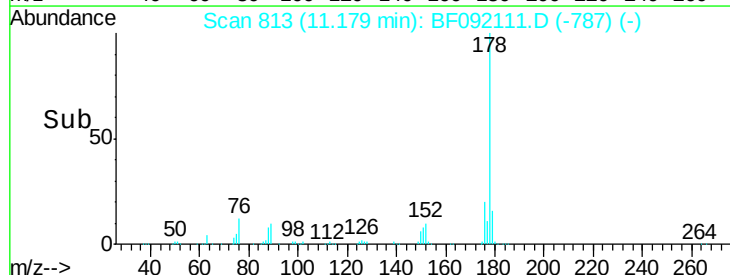
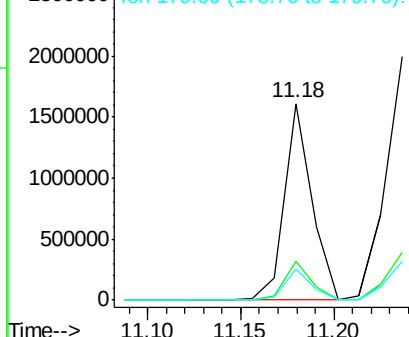
Lab File: BF092111.D

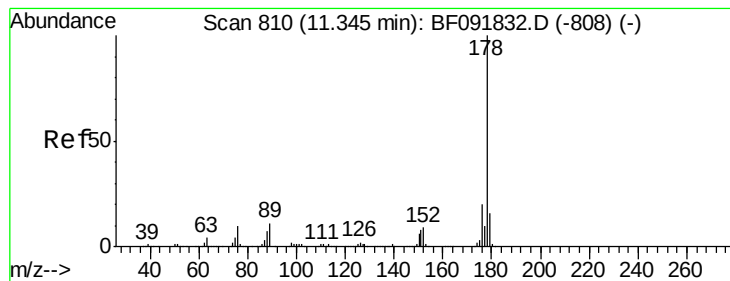
Acq: 6 Jan 2017 12:34

Tgt Ion:	178	Resp:	1653190
Ion Ratio		Lower	Upper
178	100		
176	20.0	16.6	25.0
179	16.1	12.8	19.2



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: 62.22 ng

RT: 11.24 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

Tot Ion:178 Resp: 1909435

Ion Ratio Lower Upper

178 100

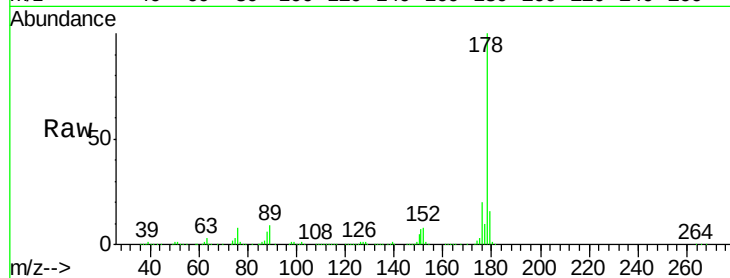
176 19.5 15.9 23.9

179 16.1 13.2 19.8

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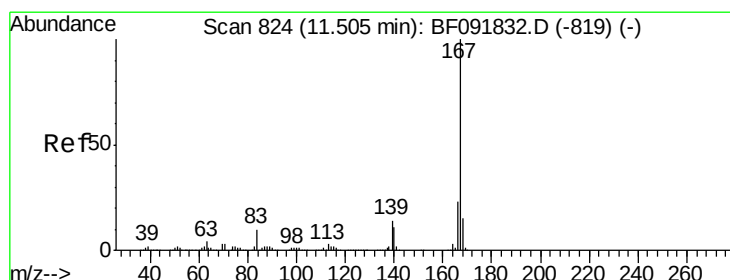
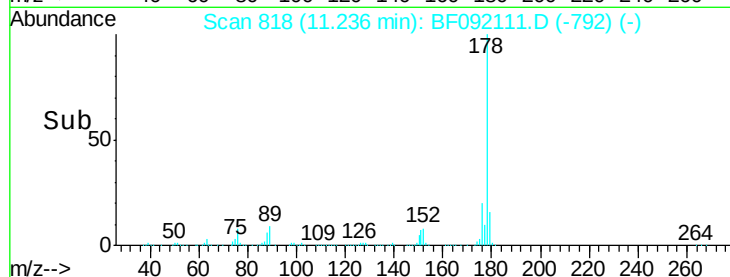
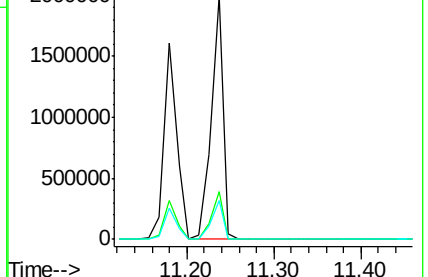
1/9/2017 10:47:16 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 58.42 ng

RT: 11.40 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

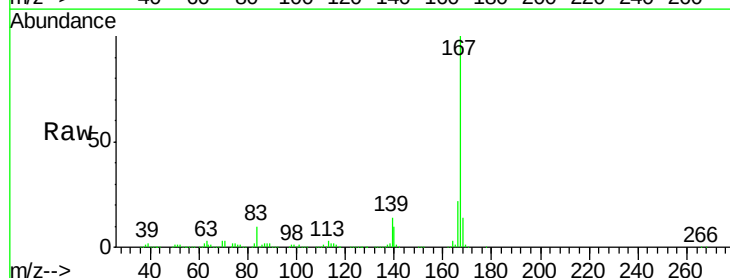
Tgt Ion:167 Resp: 1658530

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

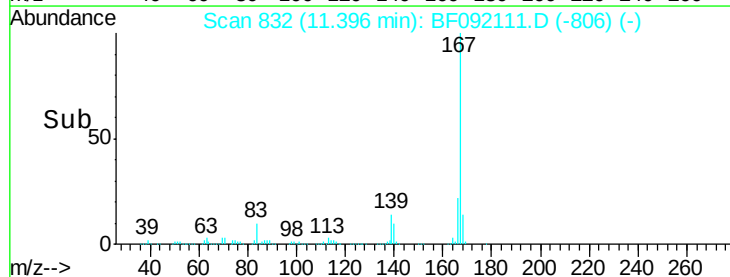
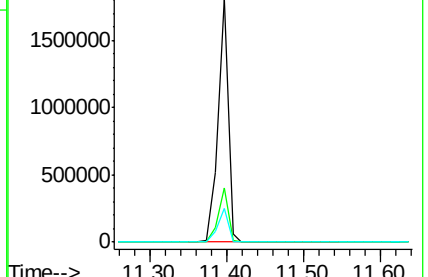
139 13.8 11.4 17.2

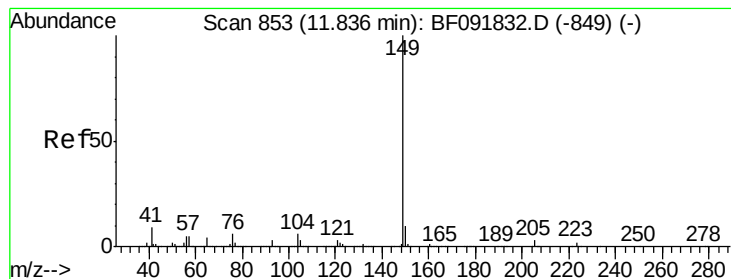


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 54.57 ng

RT: 11.74 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

ClientSampleId :

PB95751BS

Tot Ion:149 Resp: 2023583

Ion Ratio Lower Upper

149 100

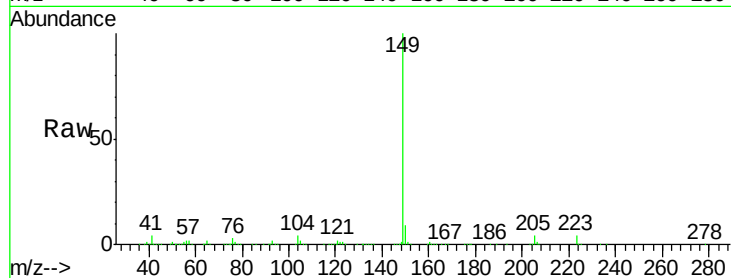
150 9.1 8.1 12.1

104 3.8 4.6 7.0#

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Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

1500000

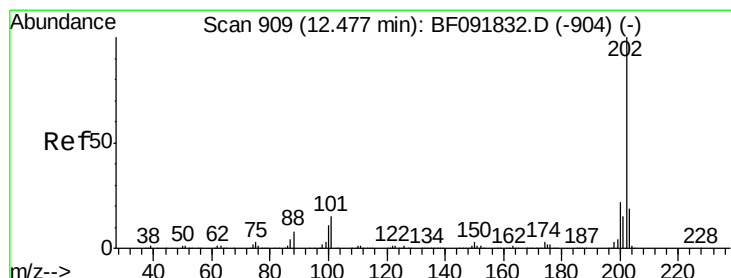
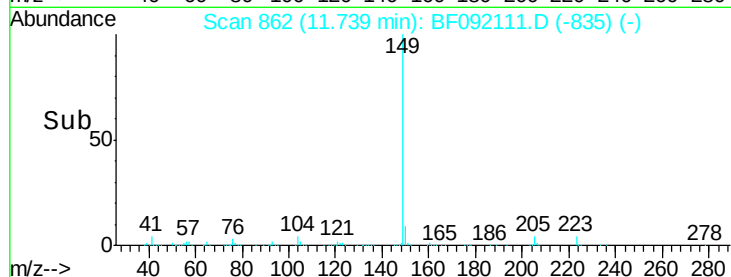
11.74

1000000

500000

0

Time--> 11.60 11.70 11.80 11.90



#74

Fluoranthene

Concen: 55.30 ng

RT: 12.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

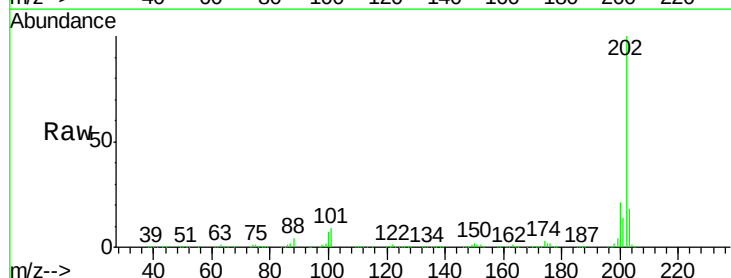
Tgt Ion:202 Resp: 1899016

Ion Ratio Lower Upper

202 100

101 8.6 0.0 34.6

203 17.7 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

2000000 Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

1500000

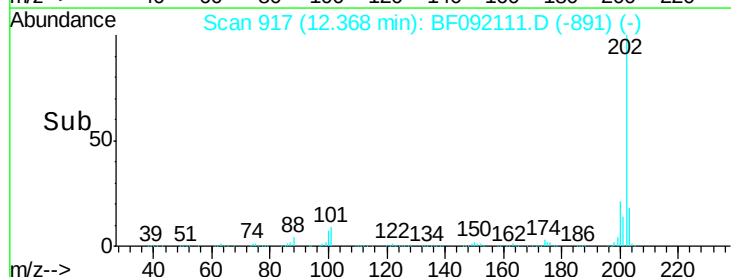
12.37

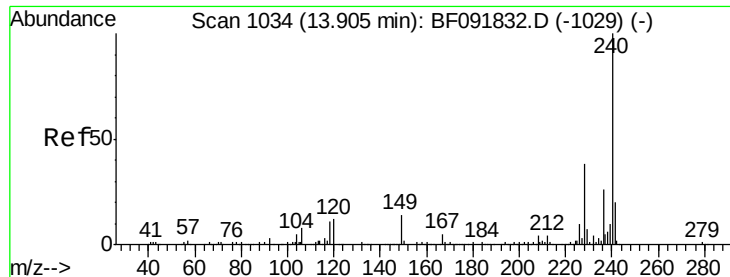
1000000

500000

0

Time--> 12.20 12.40 12.60





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

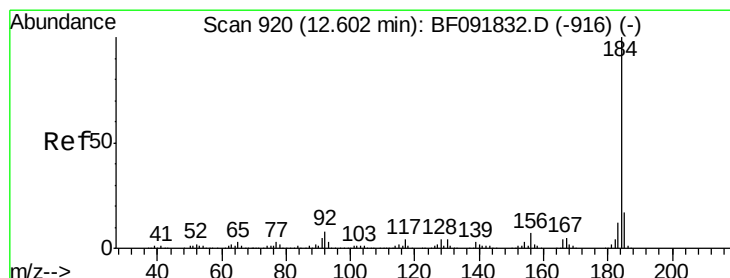
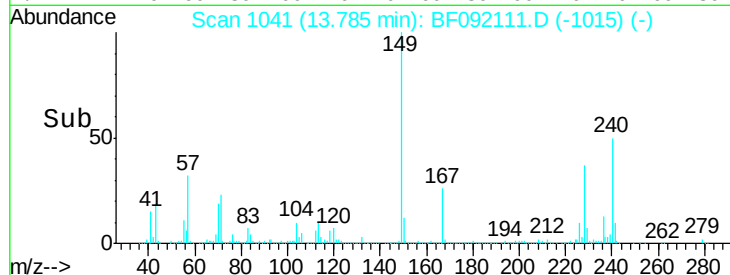
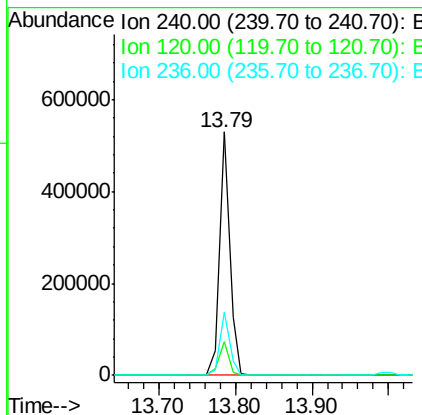
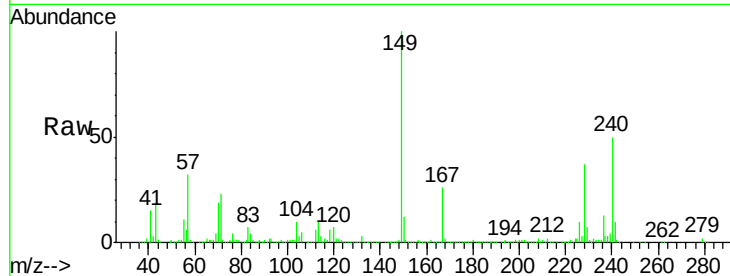
ClientSampleId :

PB95751BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	12.9	19.3
236	25.7	20.9	31.3

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#76

Benzidine

Concen: 30.17 ng

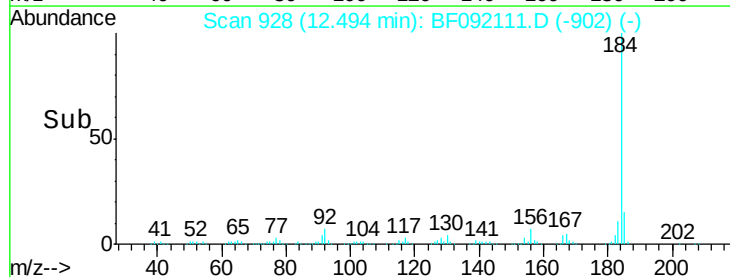
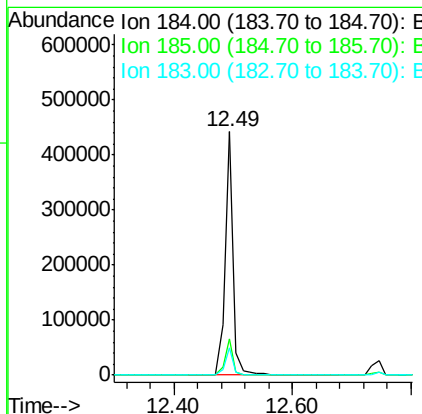
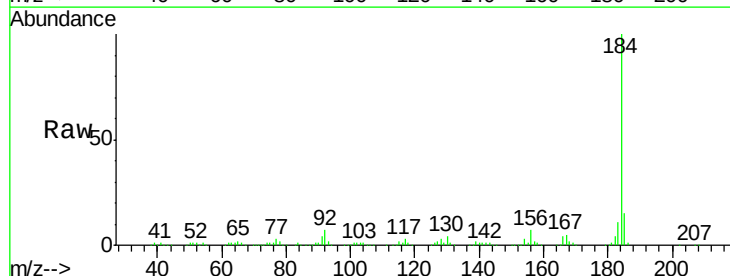
RT: 12.49 min Scan# 928

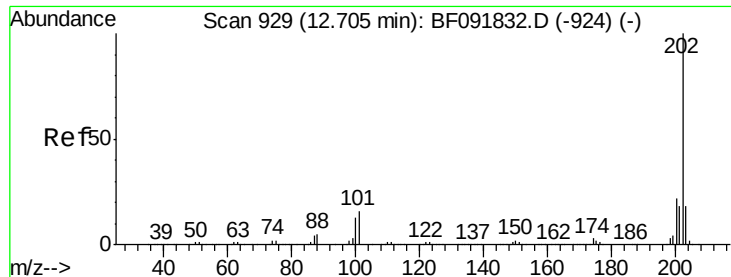
Delta R.T. 0.00 min

Lab File: BF092111.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.4	20.0
183	11.0	9.2	13.8





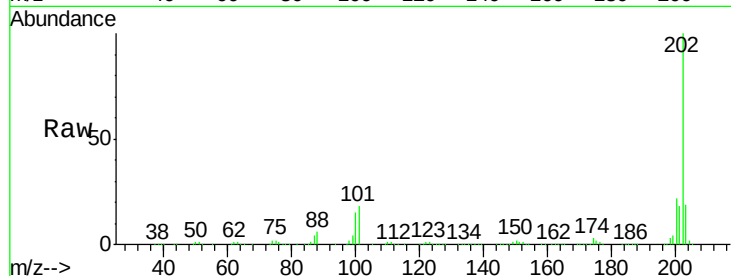
#77
Pvrene
Concen: 48.37 ng
RT: 12.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.6	14.7	22.1

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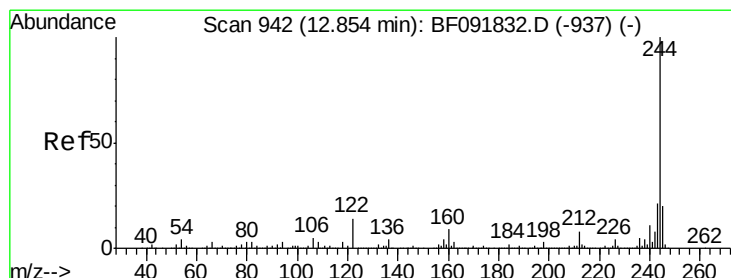
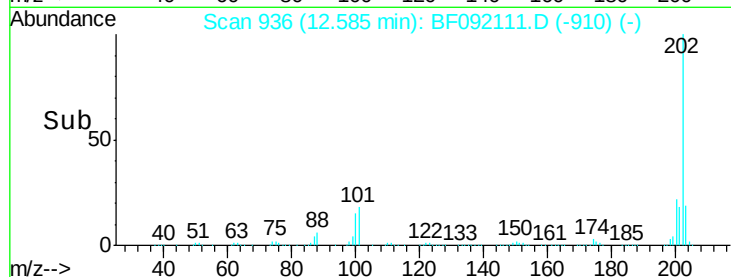
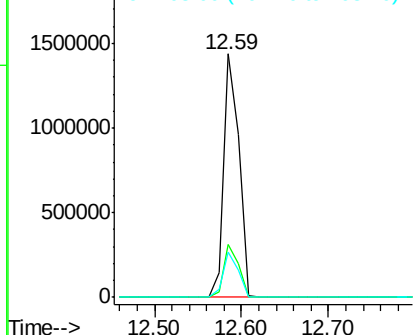


Abundance

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: 102.85 ng
RT: 12.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

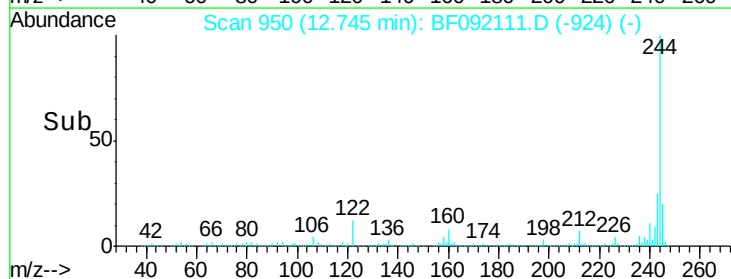
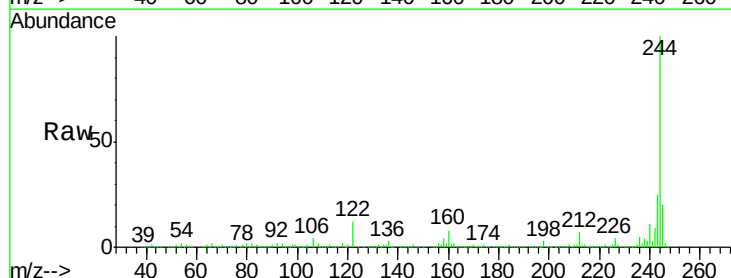
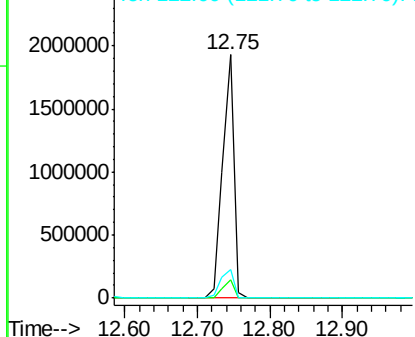
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	11.8	11.4	17.2

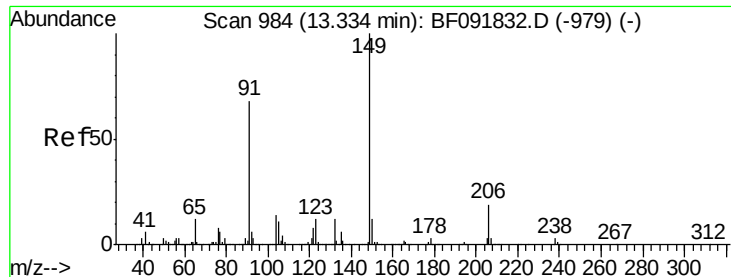
Abundance

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





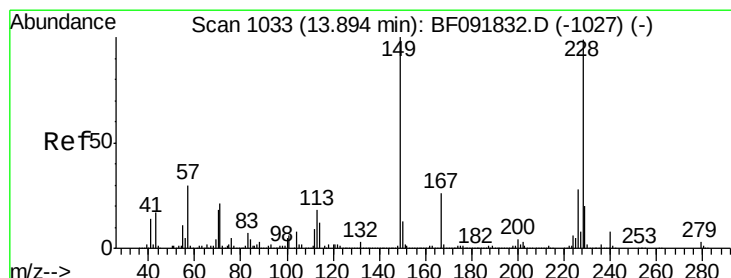
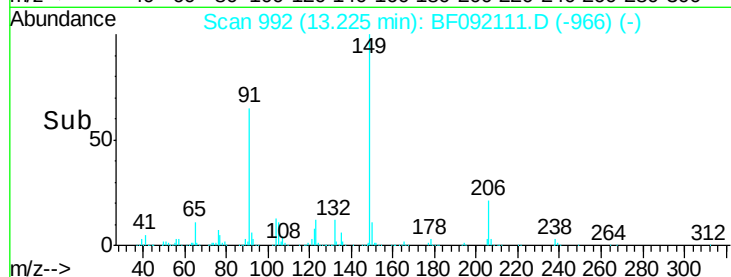
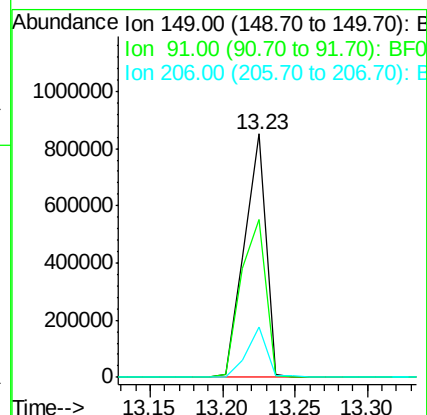
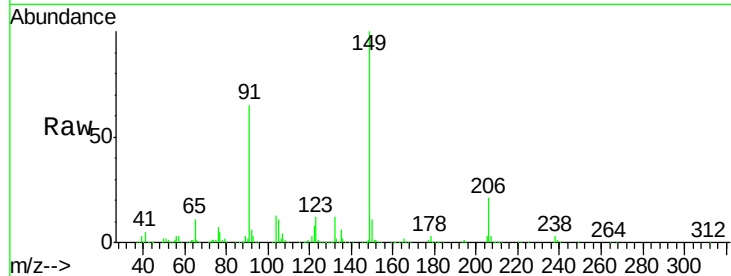
#79
Butylbenzylphthalate
Concen: 53.51 ng
RT: 13.23 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampled :
PB95751BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	886476		
91	64.9	63.9	95.9	
206	20.9	14.6	21.8	

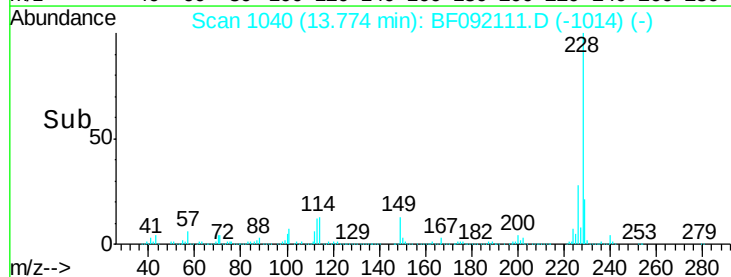
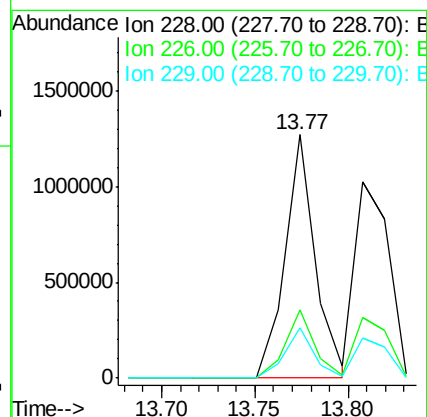
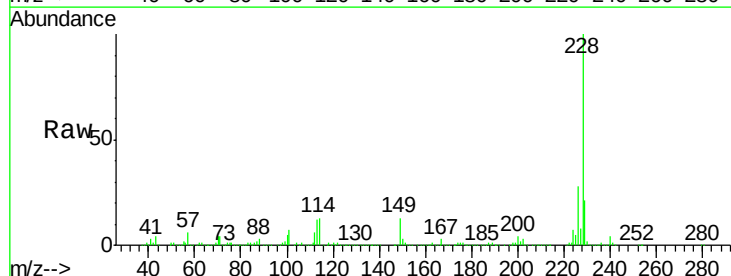
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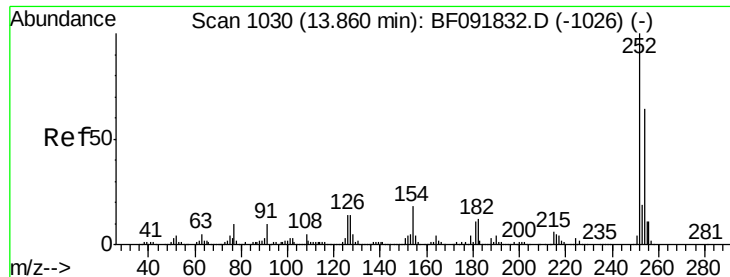
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#80
Benzo(a)anthracene
Concen: 50.85 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1425131		
226	28.0	22.4	33.6	
229	20.8	16.2	24.4	





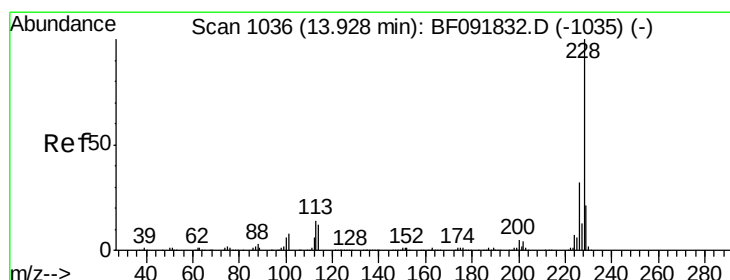
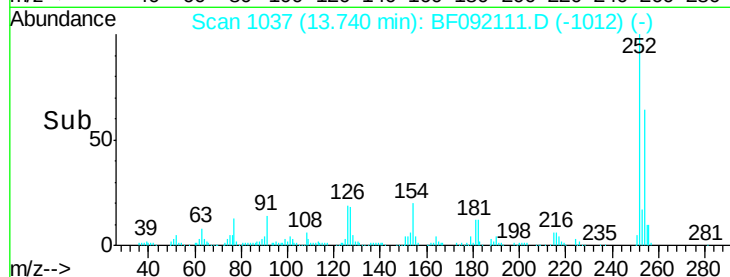
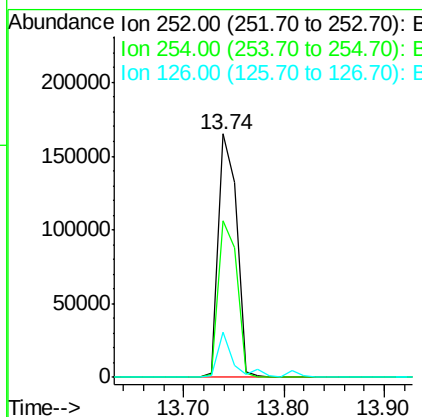
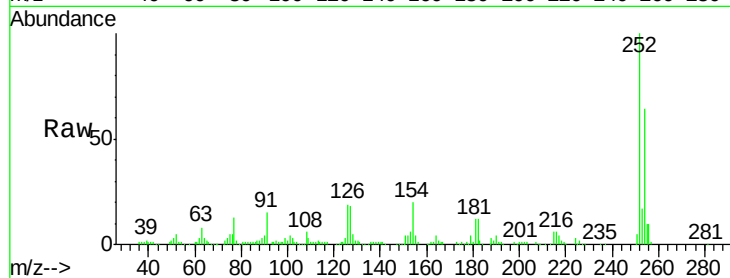
#81
 3,3'-Dichlorobenzidine
 Concen: 19.80 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.3	78.5
126	18.6	13.6	20.4

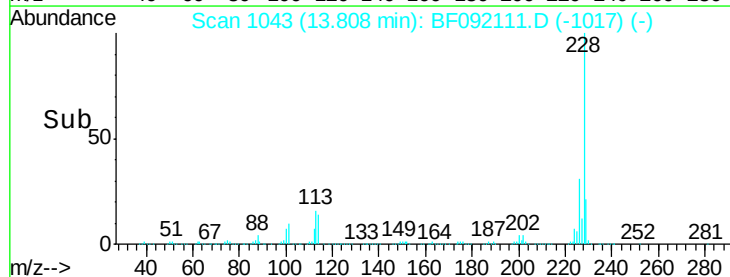
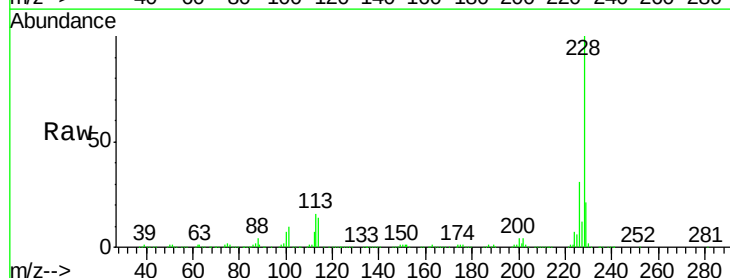
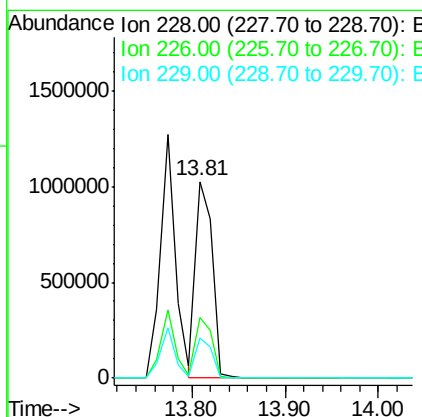
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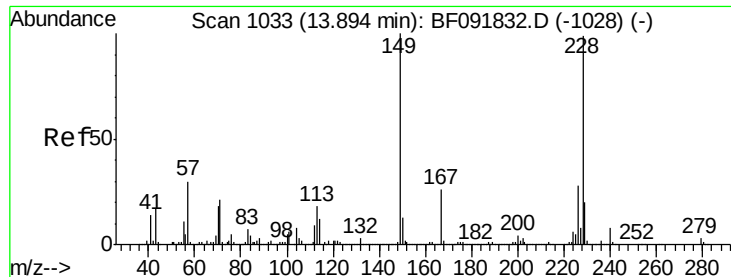
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#82
 Chrysene
 Concen: 46.42 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	20.5	16.2	24.2





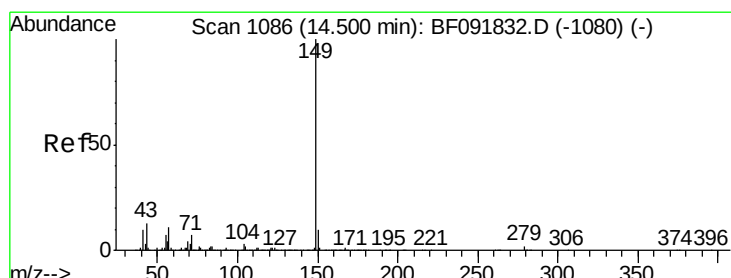
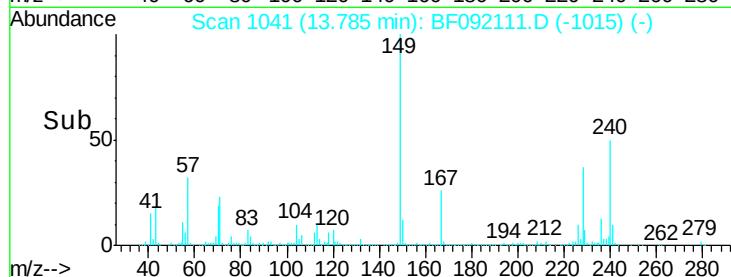
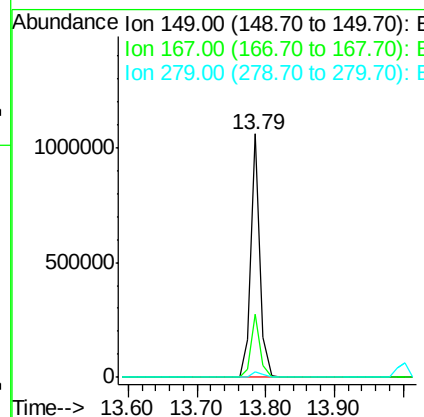
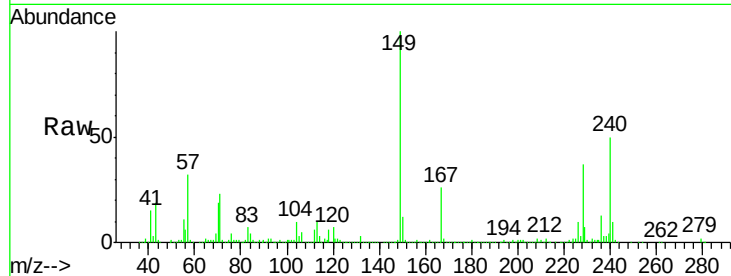
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.70 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.2	30.4
279	2.5	1.8	2.8

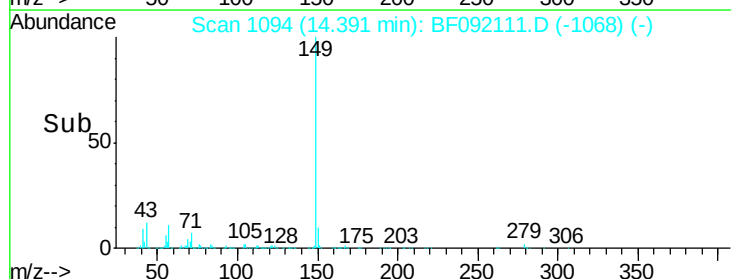
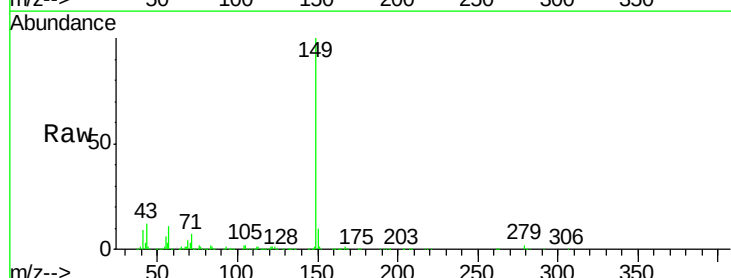
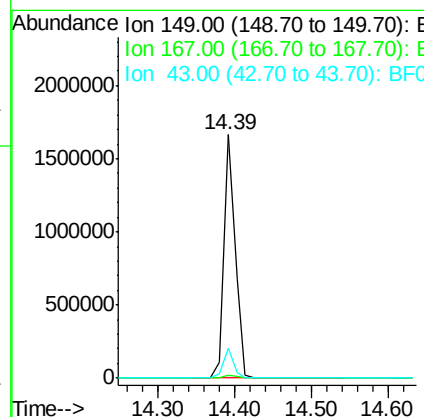
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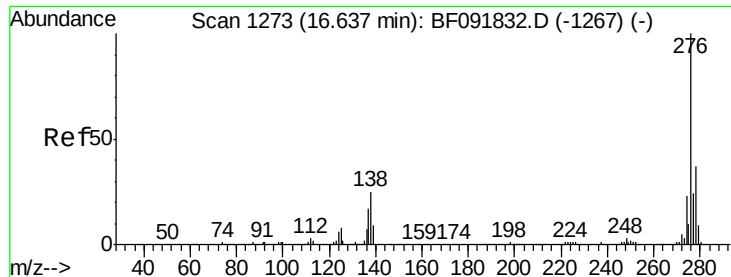
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#84
 Di-n-octyl phthalate
 Concen: 47.16 ng
 RT: 14.39 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.5	8.9	13.3





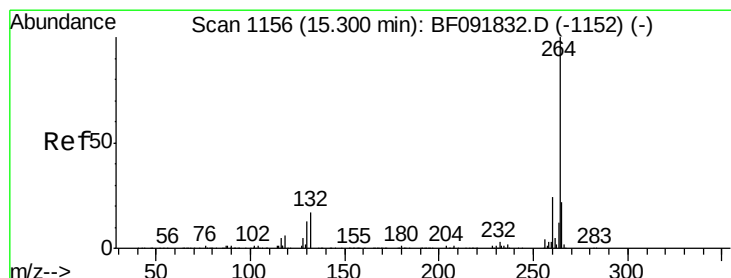
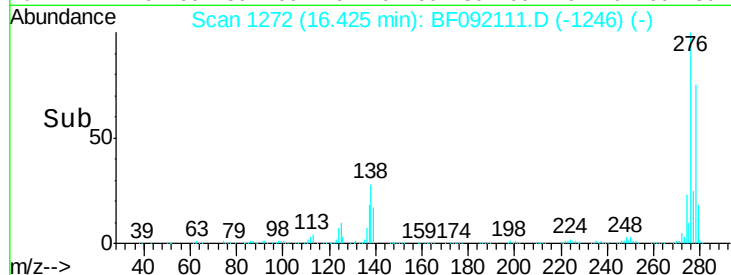
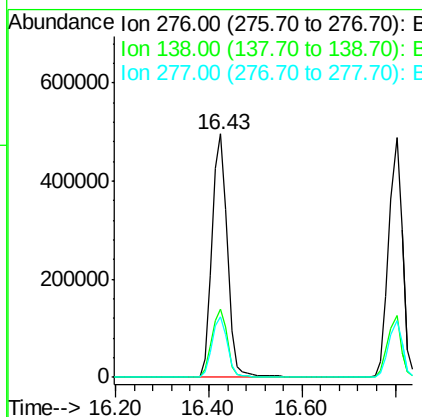
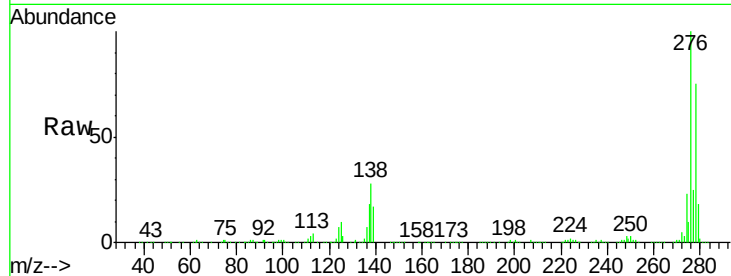
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.41 ng
 RT: 16.43 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	21.8	32.6
277	24.8	20.2	30.4

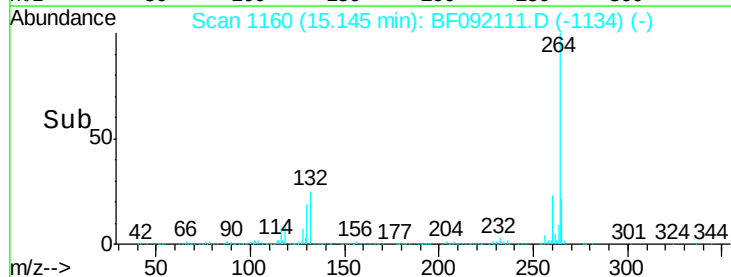
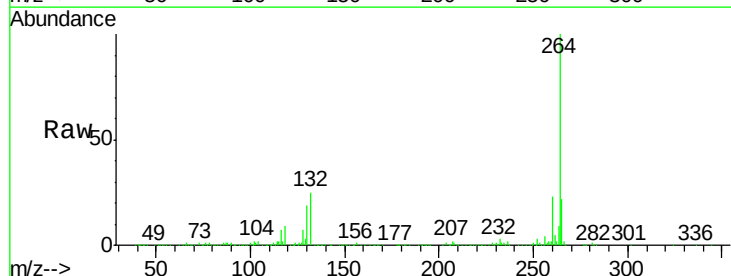
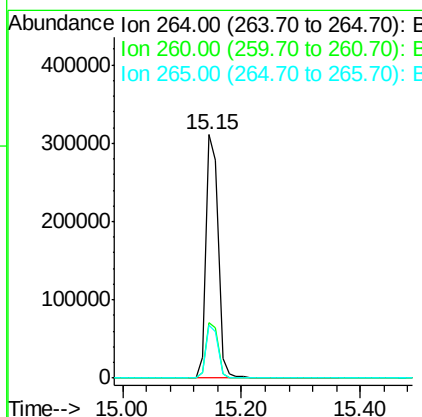
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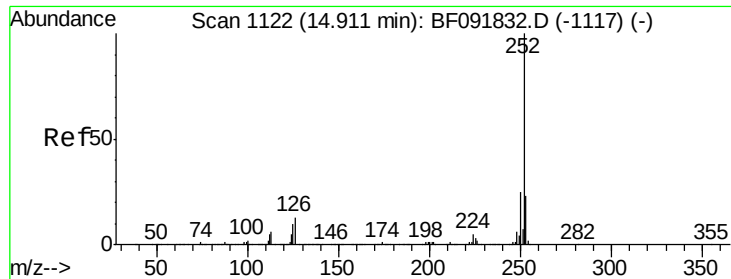
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 43.24 ng m

RT: 14.78 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Instrument :

BNA_F

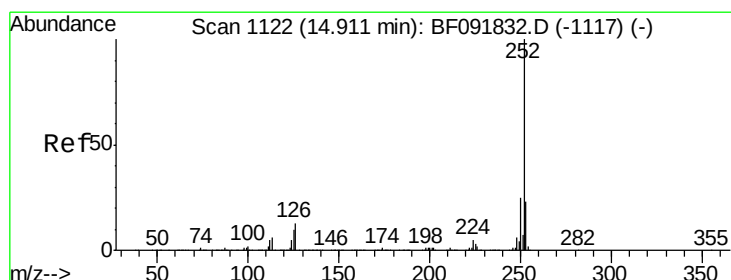
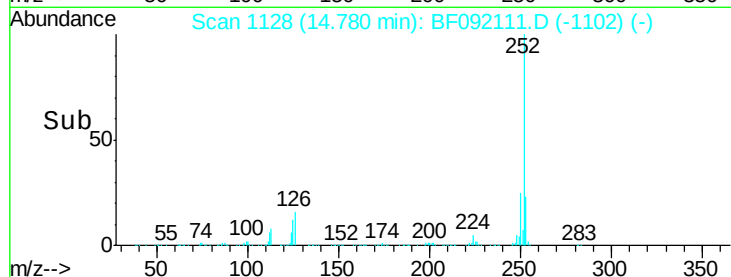
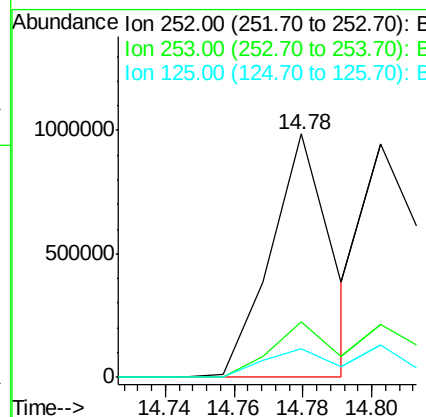
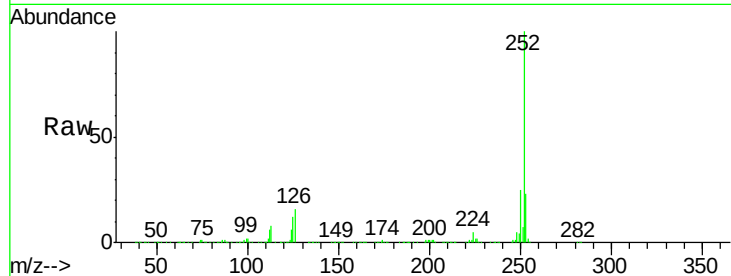
ClientSampleId :

PB95751BS

Tot Ion:	252	Resp:	1212562
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.7	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 45.50 ng m

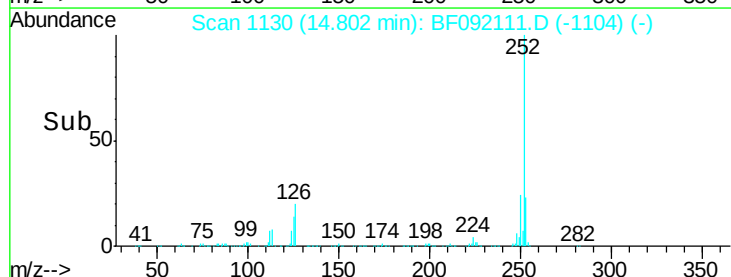
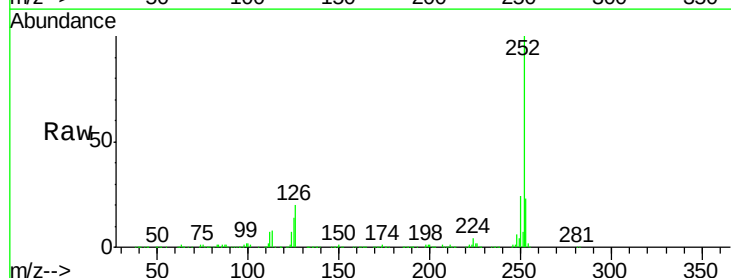
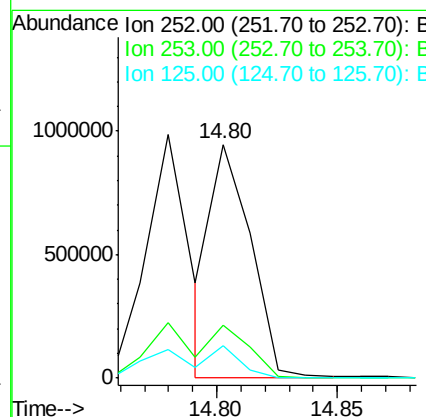
RT: 14.80 min Scan# 1130

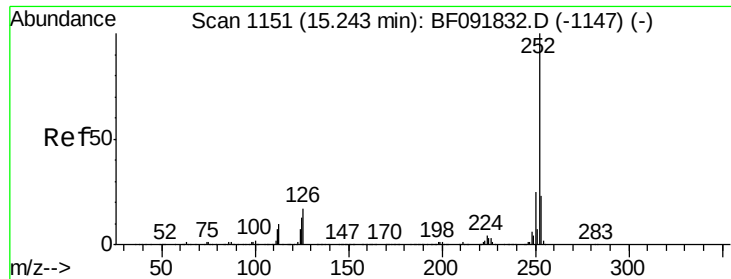
Delta R.T. 0.00 min

Lab File: BF092111.D

Acq: 6 Jan 2017 12:34

Tgt Ion:	252	Resp:	1088251
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	13.9	8.9	13.3#





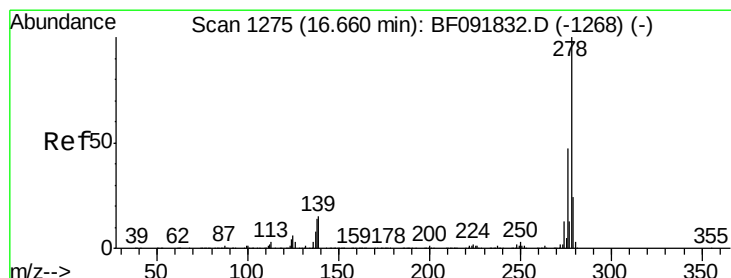
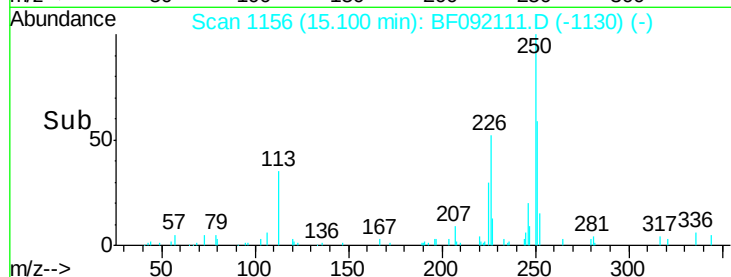
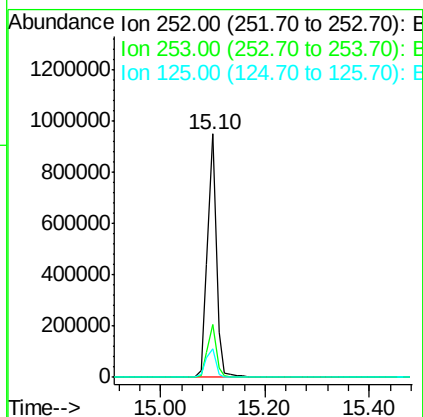
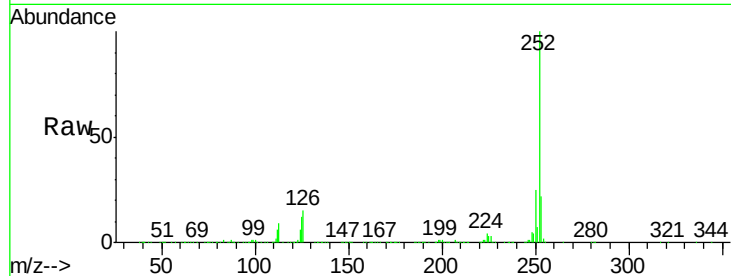
#89
Benzo(a)pyrene
Concen: 45.42 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Instrument :
BNA_F
ClientSampleId :
PB95751BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	11.9	10.0	15.0

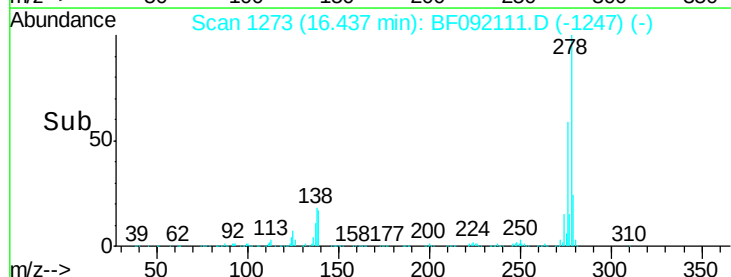
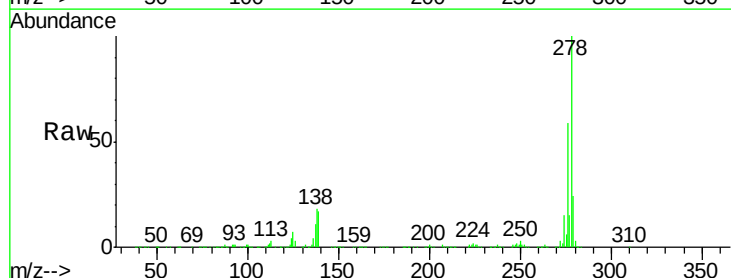
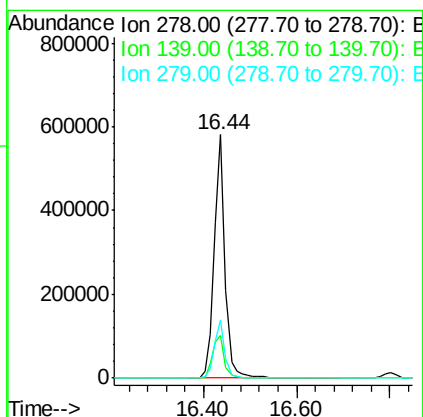
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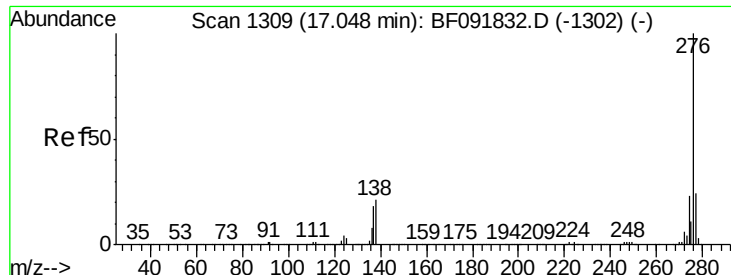
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#90
Dibenzo(a,h)anthracene
Concen: 46.45 ng
RT: 16.44 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF092111.D
Acq: 6 Jan 2017 12:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.8	22.2
279	23.7	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.08 ng
 RT: 16.80 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF092111.D
 Acq: 6 Jan 2017 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB95751BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	25.8	16.0	24.0

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