

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092231.D
 Acq On : 13 Jan 2017 3:20
 Operator : UM/SJ
 Sample : I1131-03MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Manual Integrations
 APPROVED

Sohil
 1/13/2017 11:07:15 AM

Quant Time: Jan 13 07:02:57 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	6.60	152	169370	20.00	ng	-0.05
21) Naphthalene-d8	7.89	136	786774	20.00	ng	-0.05
38) Acenaphthene-d10	9.64	164	347977	20.00	ng	-0.05
63) Phenanthrene-d10	11.11	188	486795	20.00	ng	-0.05
75) Chrysene-d12	13.74	240	310006	20.00	ng	-0.05
86) Perylene-d12	15.10	264	351067	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1518970	149.75	ng	-0.03
7) Phenol-d6	6.28	99	1935127	156.26	ng	-0.03
23) Nitrobenzene-d5	7.17	82	1047801	74.05	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	318891	110.73	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1780774	108.41	ng	-0.05
78) Terphenyl-d14	12.69	244	1037056	81.13	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	183029	36.65	ng	96
3) Pyridine	2.70	79	549641	31.54	ng	98
4) n-Nitrosodimethylamine	2.65	42	248968	37.87	ng	95
6) Aniline	6.26	93	359479	22.35	ng	# 64
8) 2-Chlorophenol	6.39	128	513794	44.53	ng	91
9) Benzaldehyde	6.14	77	33026	3.35	ng	98
10) Phenol	6.29	94	670199	47.49	ng	# 62
11) bis(2-Chloroethyl)ether	6.34	93	508397	45.28	ng	96
12) 1,3-Dichlorobenzene	6.54	146	502851	40.82	ng	98
13) 1,4-Dichlorobenzene	6.61	146	445631	35.54	ng	98
14) 1,2-Dichlorobenzene	6.77	146	434327	39.92	ng	99
15) Benzyl Alcohol	6.76	79	347142	36.08	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.89	45	625180	37.39	ng	52
17) 2-Methylphenol	6.89	107	352457	37.98	ng	# 85
18) Hexachloroethane	7.11	117	168507	36.25	ng	91
19) n-Nitroso-di-n-propylamine	7.03	70	349066	42.37	ng	96
20) 3+4-Methylphenols	7.04	107	489451	44.22	ng	# 70
22) Acetophenone	7.02	105	656868	33.85	ng	# 92
24) Nitrobenzene	7.19	77	528730	35.09	ng	96
25) Isophorone	7.43	82	1021842	39.14	ng	95
26) 2-Nitrophenol	7.51	139	295731	39.79	ng	# 87
27) 2,4-Dimethylphenol	7.57	122	471477	38.25	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	626159	39.56	ng	99
29) 2,4-Dichlorophenol	7.76	162	427003	40.91	ng	93
30) 1,2,4-Trichlorobenzene	7.83	180	437608	38.26	ng	96
31) Naphthalene	7.91	128	1433823	39.82	ng	98
32) Benzoic acid	7.67	122	25543	2.79	ng	94
33) 4-Chloroaniline	7.97	127	200471	12.35	ng	96
34) Hexachlorobutadiene	8.02	225	224072	37.11	ng	99
35) Caprolactam	8.33	113	114791	33.47	ng	# 64
36) 4-Chloro-3-methylphenol	8.47	107	435564	36.27	ng	95
37) 2-Methylnaphthalene	8.60	142	922587	40.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	421332	47.92	ng	98
40) Hexachlorocyclopentadiene	8.76	237	172059	45.74	ng	98

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 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)
42) 2,4,6-Trichlorophenol	8.89	196	279368	45.44	nq	99
43) 2,4,5-Trichlorophenol	8.94	196	292922	46.29	nq	93
45) 1,1'-Biphenyl	9.06	154	1272218	53.40	nq	98
46) 2-Chloronaphthalene	9.09	162	938886	49.76	nq	98
47) 2-Nitroaniline	9.19	65	280133	41.70	nq	97
48) Acenaphthylene	9.50	152	1176132	40.53	nq	98
49) Dimethylphthalate	9.37	163	1161507	52.19	nq	98
50) 2,6-Dinitrotoluene	9.44	165	183506	37.67	nq	# 70
51) Acenaphthene	9.67	154	759653	38.61	nq	99
52) 3-Nitroaniline	9.60	138	148704	24.67	nq	90
53) 2,4-Dinitrophenol	9.72	184	53539	19.75	nq	# 59
54) Dibenzofuran	9.84	168	1022964	38.50	nq	94
55) 4-Nitrophenol	9.80	139	226432	55.32	nq	98
56) 2,4-Dinitrotoluene	9.84	165	254831	41.68	nq	94
57) Fluorene	10.18	166	768818	39.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	199206	39.80	nq	96
59) Diethylphthalate	10.07	149	883443	40.87	nq	98
60) 4-Chlorophenyl-phenylether	10.17	204	323675	38.24	nq	99
61) 4-Nitroaniline	10.22	138	187165	29.96	nq	81
62) Azobenzene	10.33	77	922772	38.78	nq	98
64) 4,6-Dinitro-2-methylphenol	10.25	198	90639	30.79	nq	98
65) n-Nitrosodiphenylamine	10.30	169	702011	48.60	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	227504	44.93	nq	# 84
67) Hexachlorobenzene	10.72	284	214661	39.66	nq	# 80
68) Atrazine	10.84	200	229954	49.35	nq	96
69) Pentachlorophenol	10.93	266	169052	63.65	nq	98
70) Phenanthrene	11.13	178	1303971	49.40	nq	99
71) Anthracene	11.19	178	1150932	51.88	nq	98
72) Carbazole	11.35	167	992019	46.17	nq	97
73) Di-n-butylphthalate	11.68	149	1160666	46.55	nq	99
74) Fluoranthene	12.32	202	1437892	63.68	nq	90
76) Benzidine	12.45	184	166453	17.58	nq	97
77) Pyrene	12.54	202	1220698	53.67	nq	99
79) Butylbenzylphthalate	13.17	149	406872	39.33	nq	96
80) Benzo(a)anthracene	13.73	228	997285	56.99	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	173902	26.21	nq	98
82) Chrysene	13.76	228	748539	42.64	nq	98
83) Bis(2-ethylhexyl)phthalate	13.74	149	534294	43.86	nq	# 97
84) Di-n-octyl phthalate	14.35	149	1006453	44.60	nq	98
85) Indeno(1,2,3-cd)pyrene	16.35	276	812148	53.41	nq	100
87) Benzo(b)fluoranthene	14.73	252	1147218m	52.49	nq	
88) Benzo(k)fluoranthene	14.76	252	697943m	37.45	nq	
89) Benzo(a)pyrene	15.04	252	918705	47.36	nq	99
90) Dibenzo(a,h)anthracene	16.36	278	625536	39.23	nq	96
91) Benzo(g,h,i)perylene	16.71	276	687591	41.47	nq	# 95

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

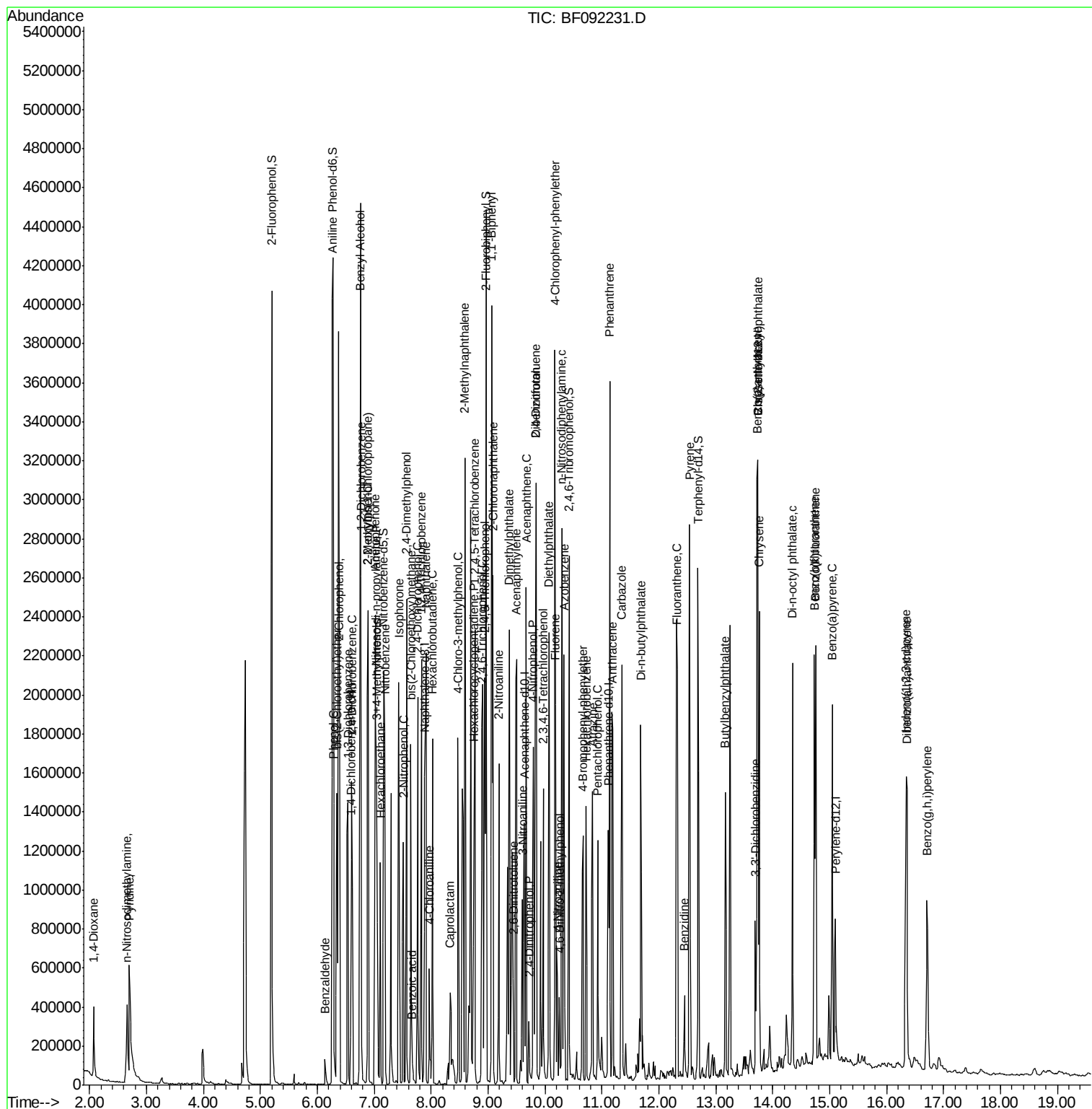
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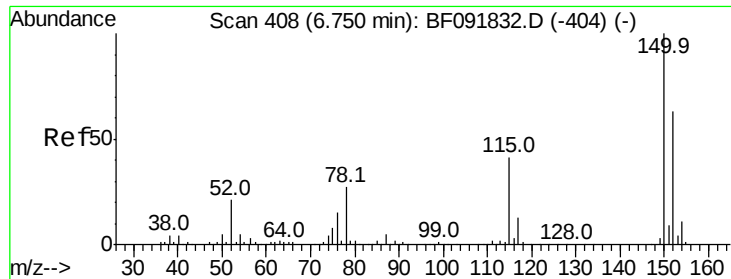
Instrument :
BNA_F
ClientSampleId :
SW-001MS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

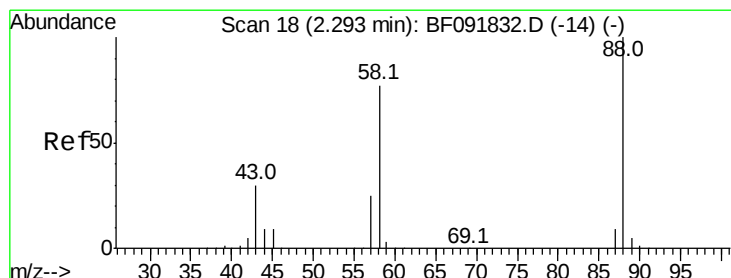
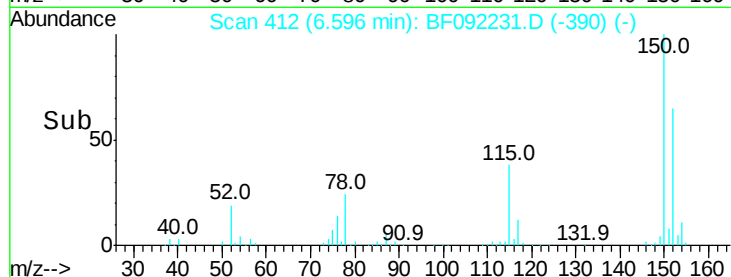
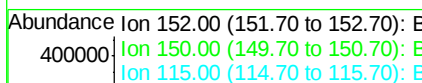
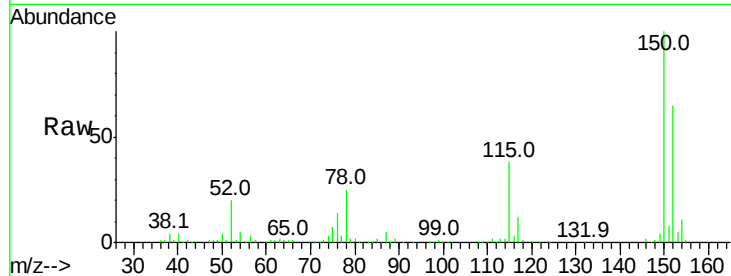
ClientSampleId :

SW-001MS

Tot Ion:	152	Resp:	169370
Ion Ratio	Lower	Upper	
152	100		
150	153.4	124.9	187.3
115	58.4	46.0	69.0

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#2

1,4-Dioxane

Concen: 36.65 ng

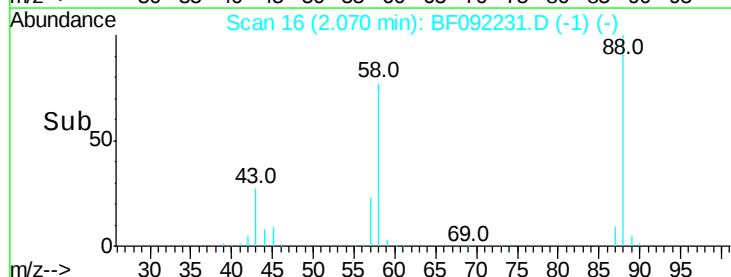
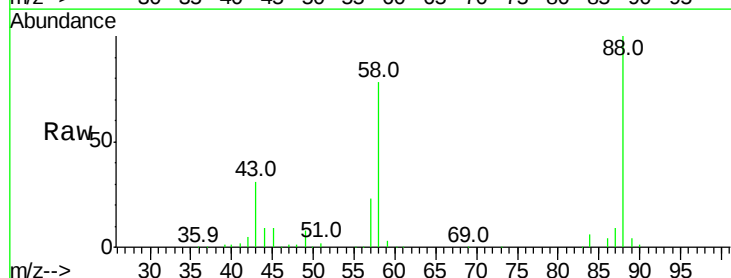
RT: 2.07 min Scan# 16

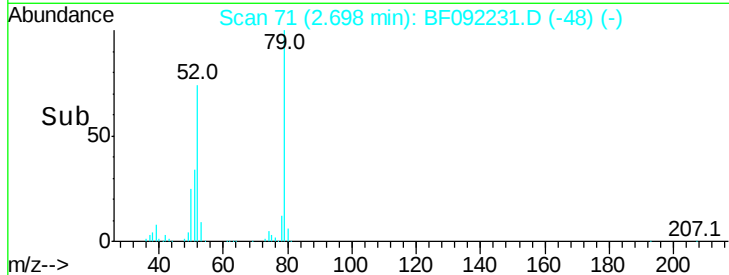
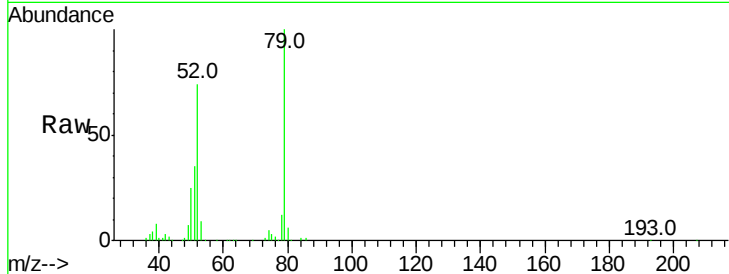
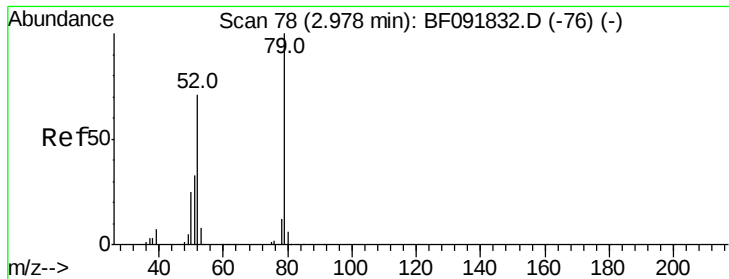
Delta R.T. -0.01 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:	88	Resp:	183029
Ion Ratio	Lower	Upper	
88	100		
58	75.3	57.8	86.8
43	30.1	22.3	33.5





#3

Pvridine

Concen: 31.54 ng

RT: 2.70 min Scan# 71

Delta R.T. -0.03 min

Lab File: BF092231.D

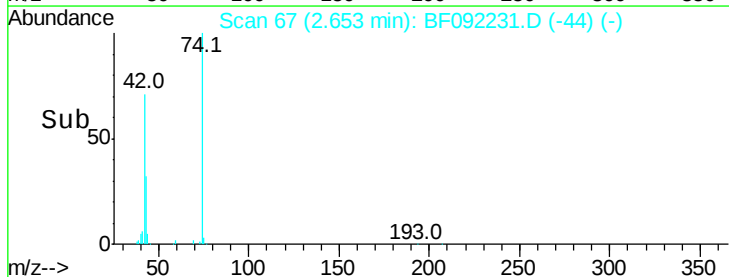
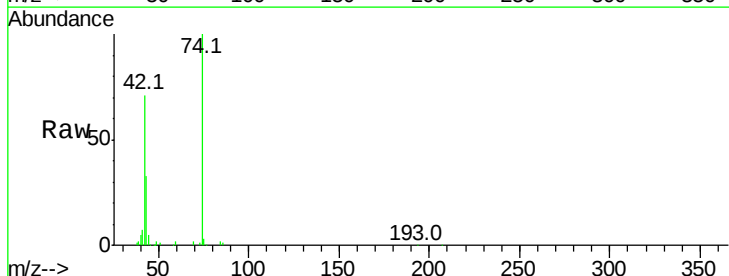
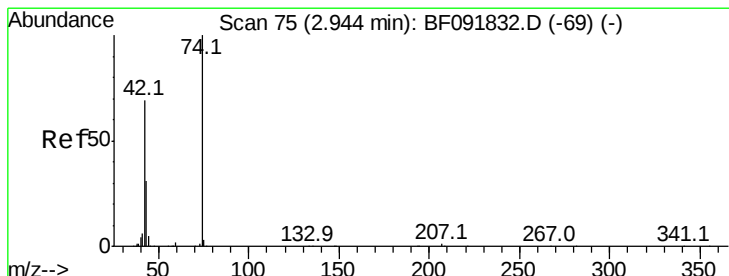
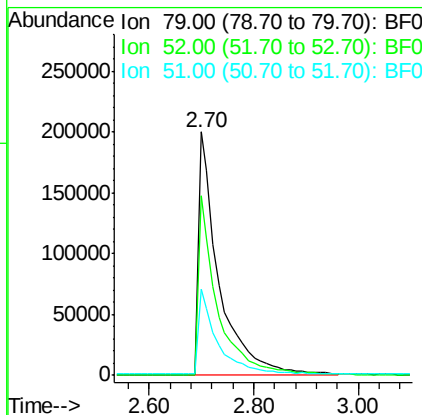
Acq: 13 Jan 2017 3:20

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.5	57.1	85.7
51	35.1	27.3	40.9

Instrument :
BNA_F
ClientSampled :
SW-001MS

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#4

n-Nitrosodimethylamine

Concen: 37.87 ng

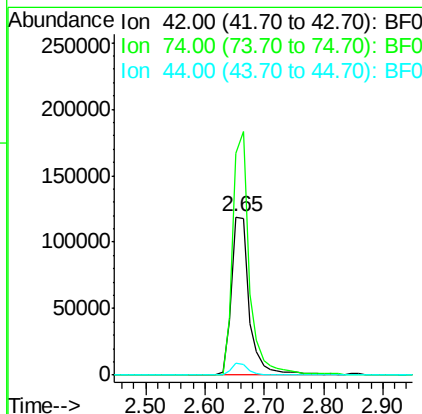
RT: 2.65 min Scan# 67

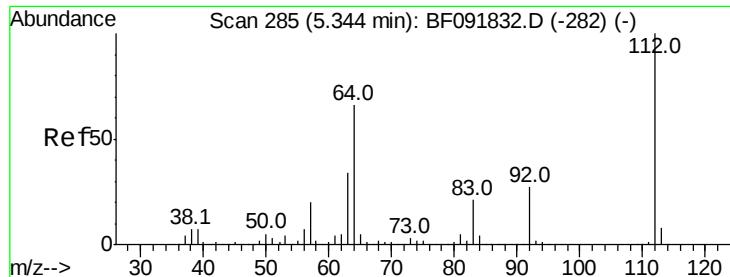
Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.3	117.0	175.4
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 149.75 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tot Ion: 112 Resp: 1518970

Ion Ratio Lower Upper

112 100

64 56.3 46.1 69.1

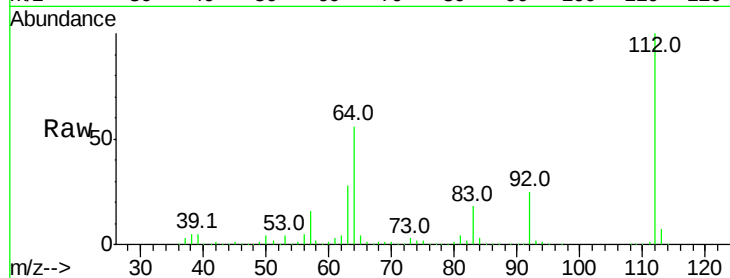
63 28.3 23.8 35.6

Manual Integrations

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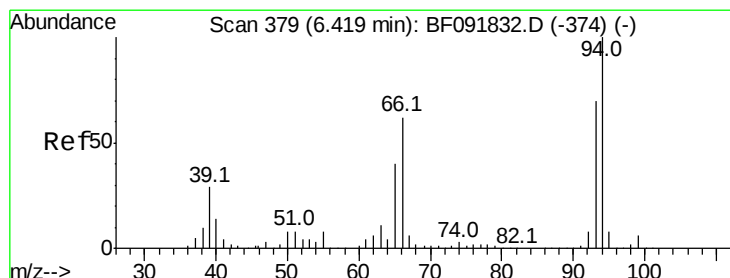
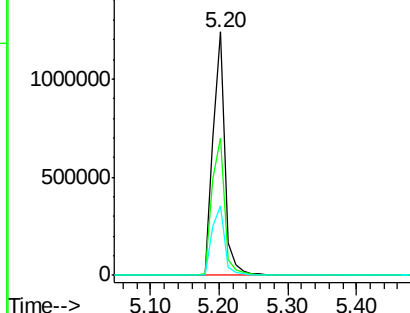
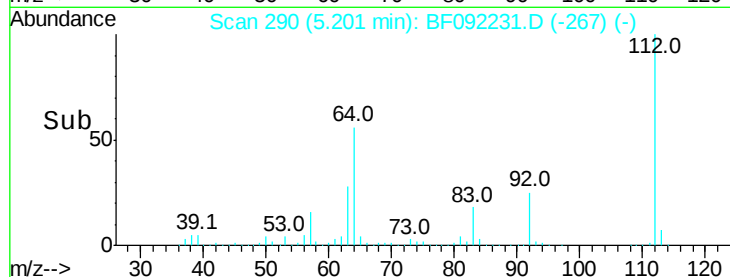
1/13/2017 11:07:15 AM



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: 22.35 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

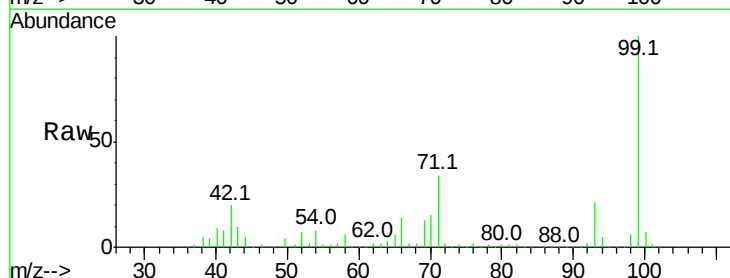
Tgt Ion: 93 Resp: 359479

Ion Ratio Lower Upper

93 100

66 65.9 76.2 114.2#

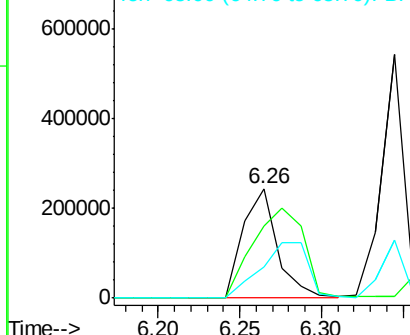
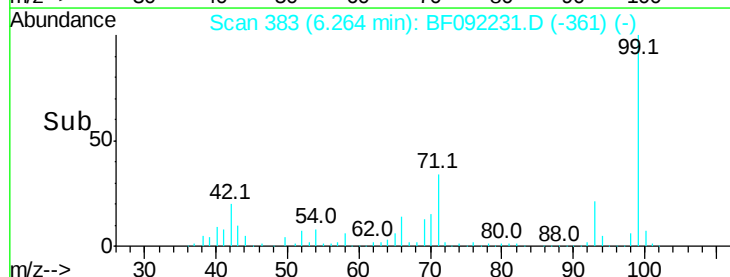
65 27.8 49.3 73.9#

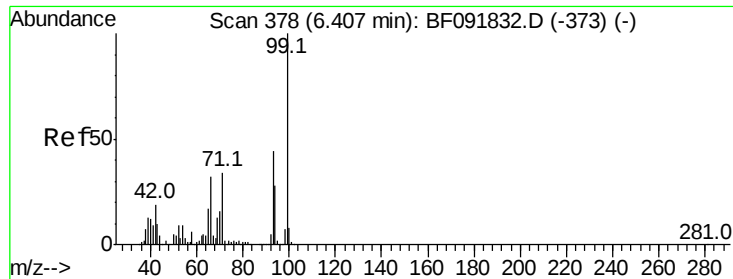


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 156.26 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tot Ion: 99 Resp: 1935127

Ion Ratio Lower Upper

99 100

42 15.4 15.6 23.4#

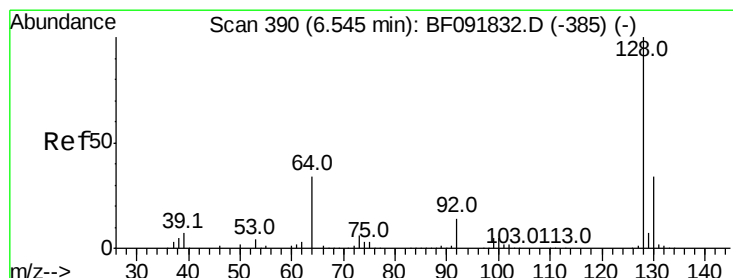
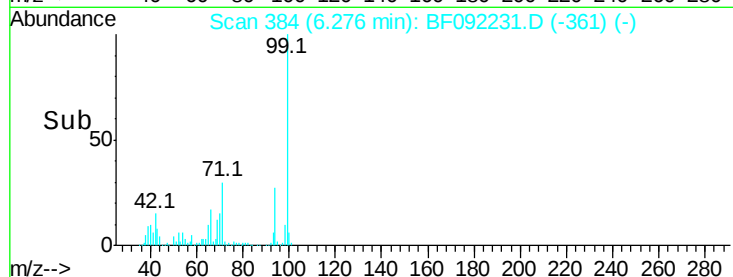
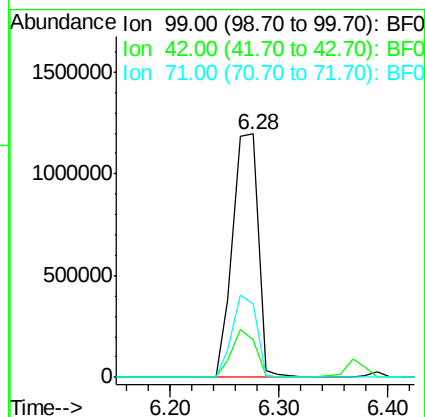
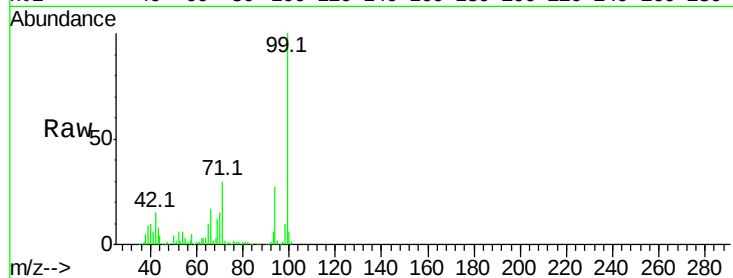
71 30.2 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.53 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

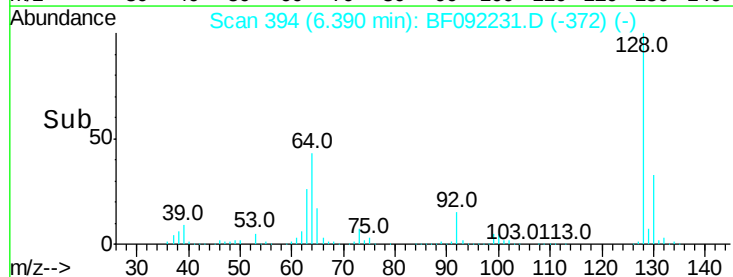
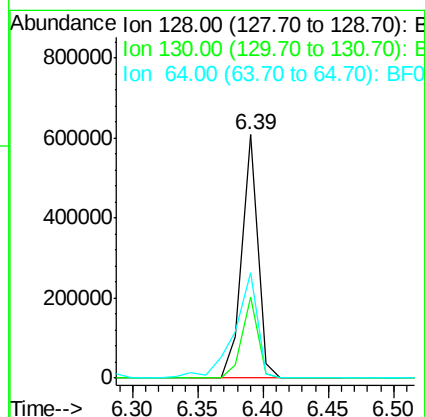
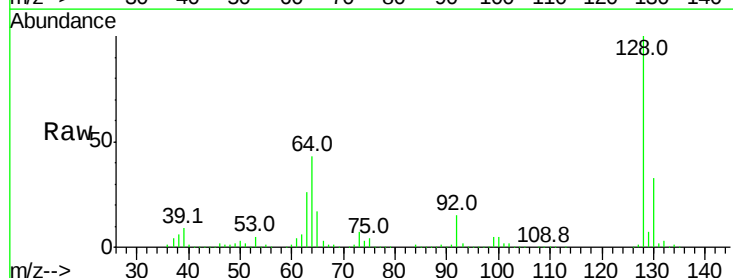
Tgt Ion: 128 Resp: 513794

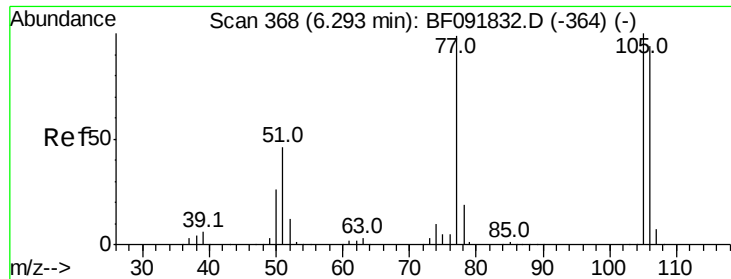
Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

64 43.1 32.2 72.2





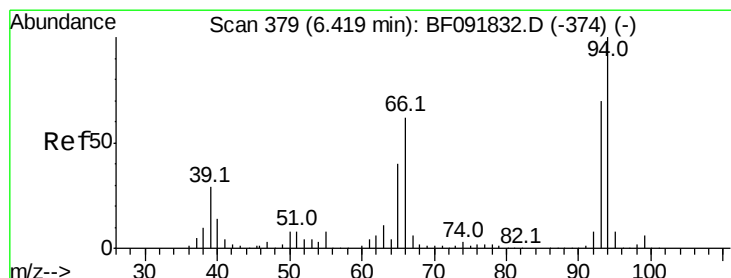
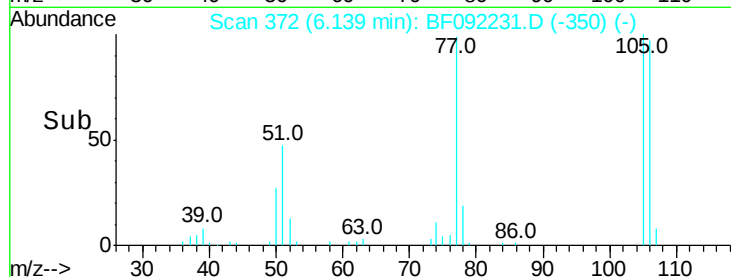
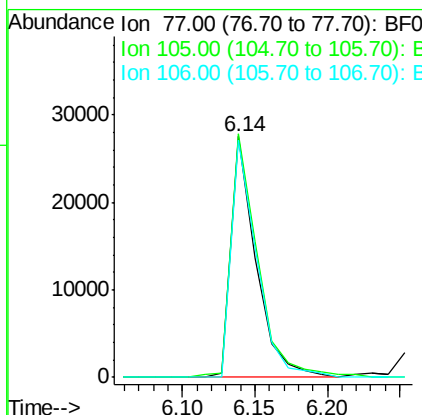
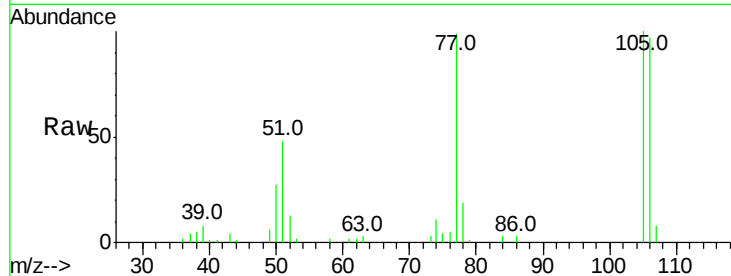
#9
Benzaldehyde
Concen: 3.35 ng
RT: 6.14 min Scan# 372
Delta R.T. -0.05 min
Lab File: BF092231.D
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Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion: 77 Resp: 33026
Ion Ratio Lower Upper
77 100
105 101.0 83.9 123.9
106 98.3 77.6 117.6

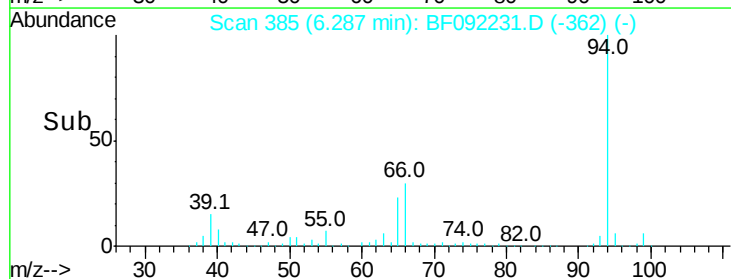
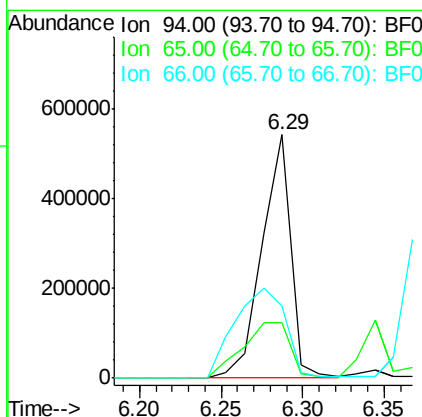
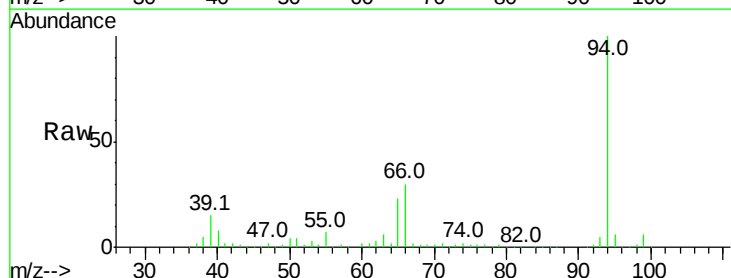
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#10
Phenol
Concen: 47.49 ng
RT: 6.29 min Scan# 385
Delta R.T. -0.03 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion: 94 Resp: 670199
Ion Ratio Lower Upper
94 100
65 22.8 21.4 61.4
66 29.8 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 45.28 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

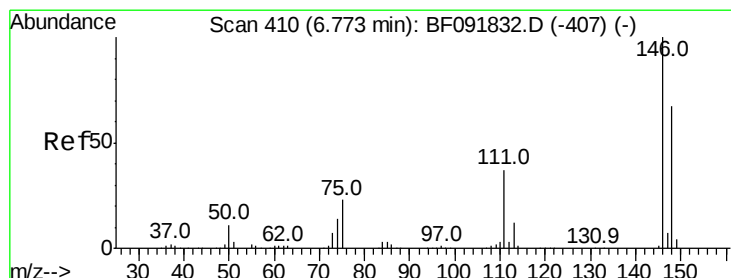
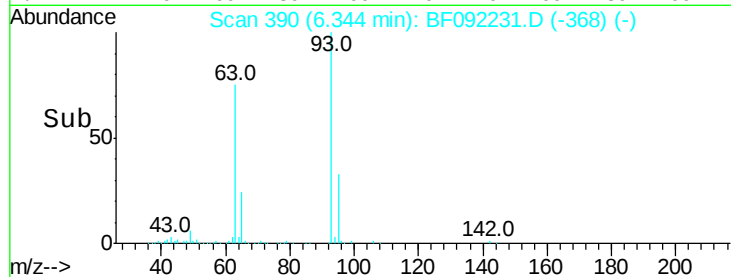
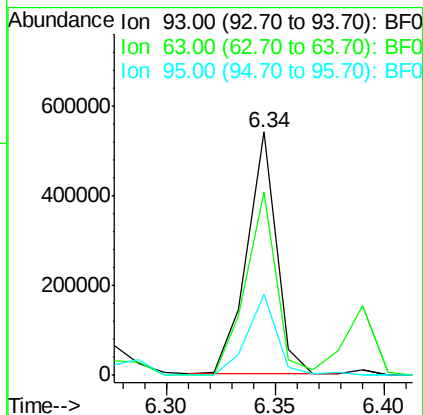
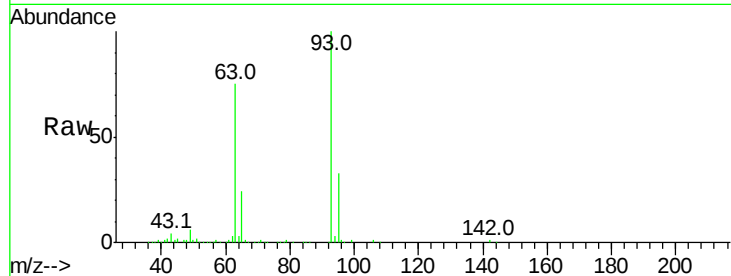
ClientSampleId :

SW-001MS

Tot Ion:	93	Resp:	508397
Ion Ratio	Lower	Upper	
93	100		
63	75.3	60.4	100.4
95	33.1	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.82 ng

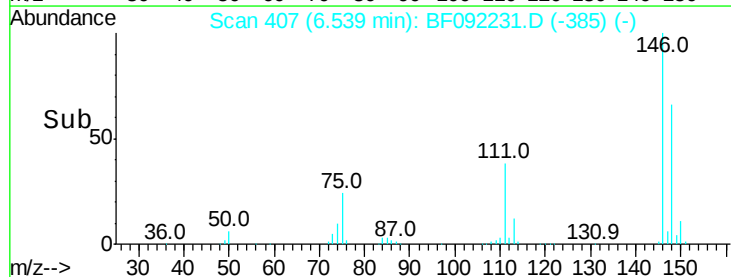
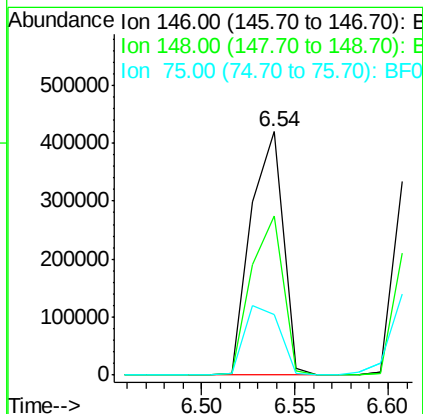
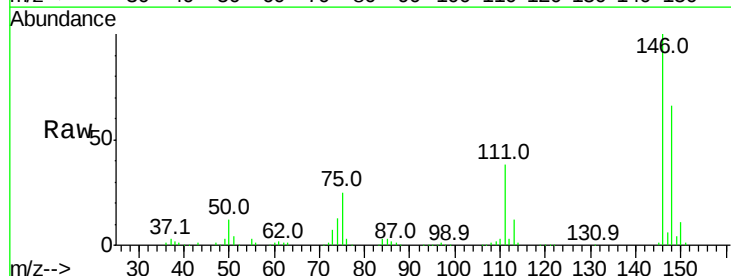
RT: 6.54 min Scan# 407

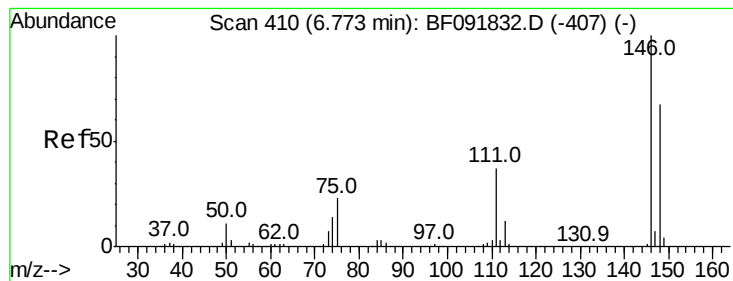
Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:	146	Resp:	502851
Ion Ratio	Lower	Upper	
146	100		
148	65.6	53.4	80.0
75	25.0	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 35.54 ng

RT: 6.61 min Scan# 413

Delta R.T. -0.06 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

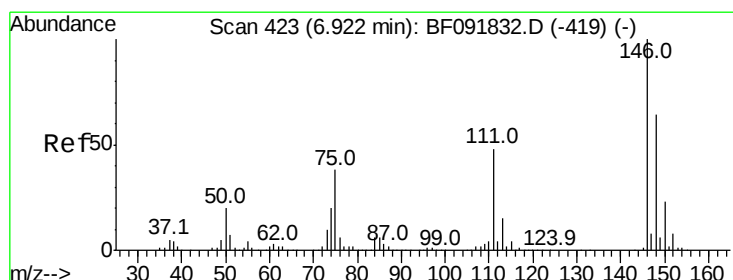
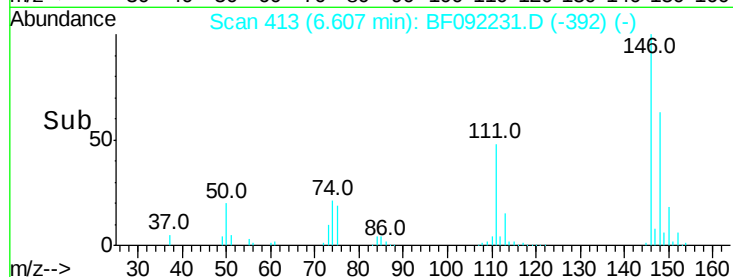
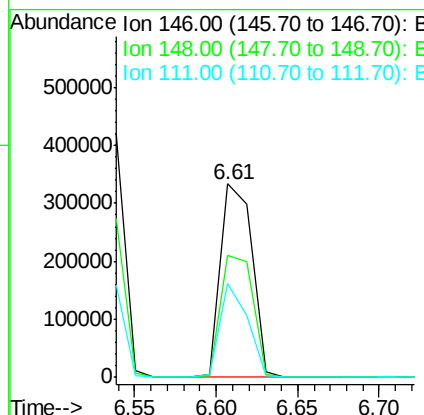
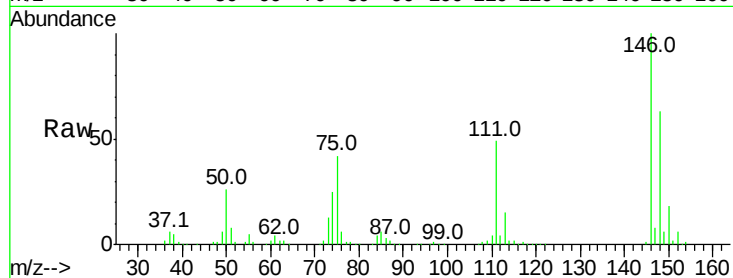
ClientSampled :

SW-001MS

Tot Ion:	146	Resp:	445631
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	76.0
111	48.6	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 39.92 ng

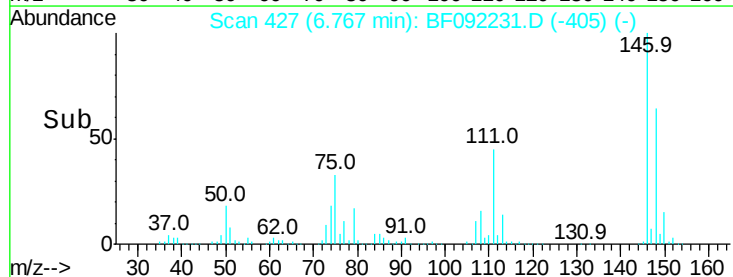
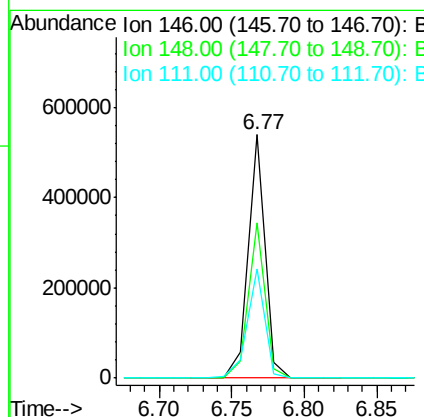
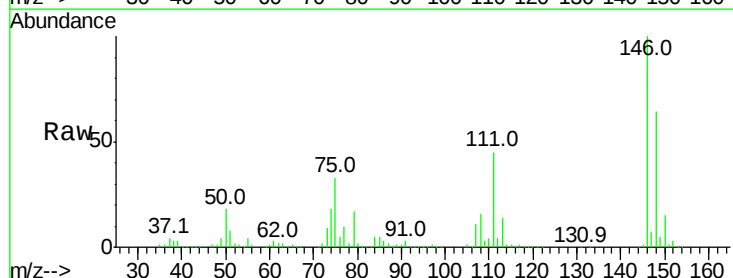
RT: 6.77 min Scan# 427

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:	146	Resp:	434327
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.2
111	44.9	36.2	54.2





#15

Benzyl Alcohol

Concen: 36.08 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

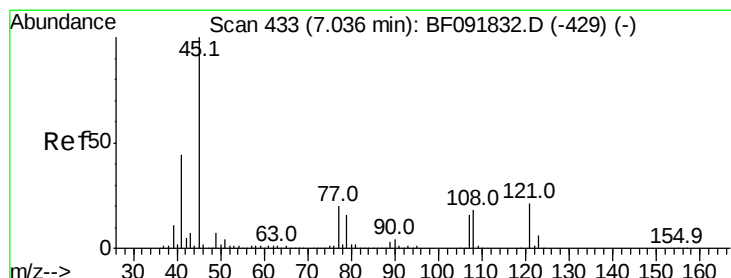
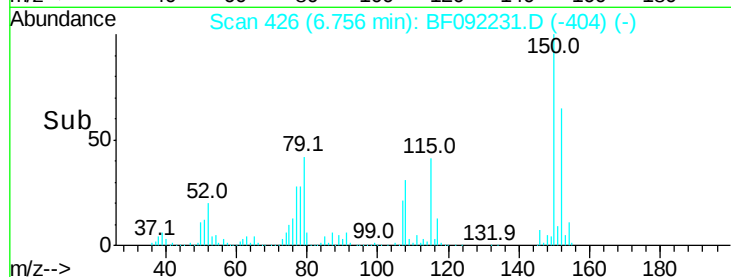
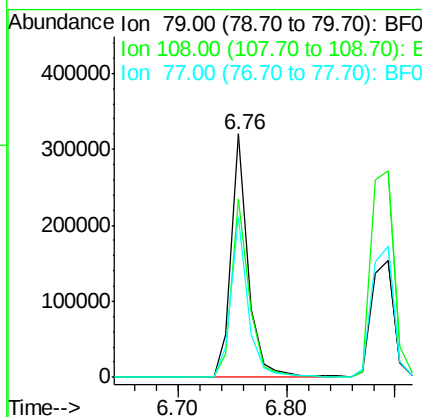
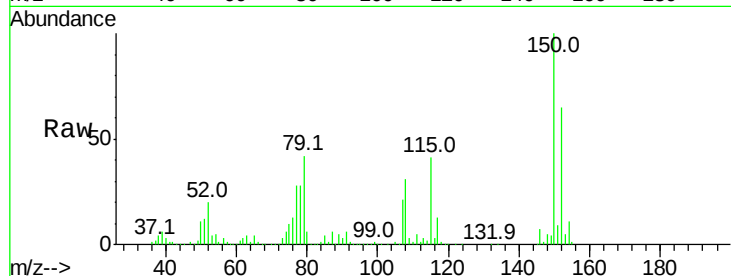
ClientSampleId :

SW-001MS

Tot Ion:	79	Resp:	347142
Ion Ratio	Lower	Upper	
79	100		
108	73.0	61.4	92.0
77	66.1	50.9	76.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.39 ng

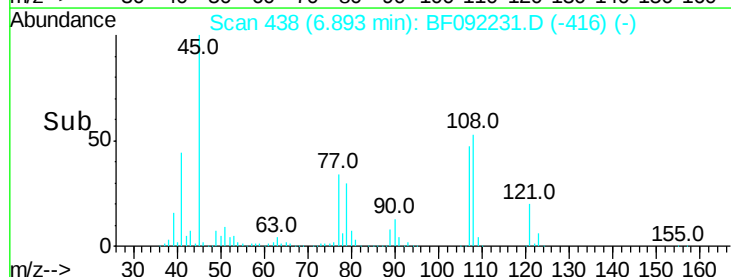
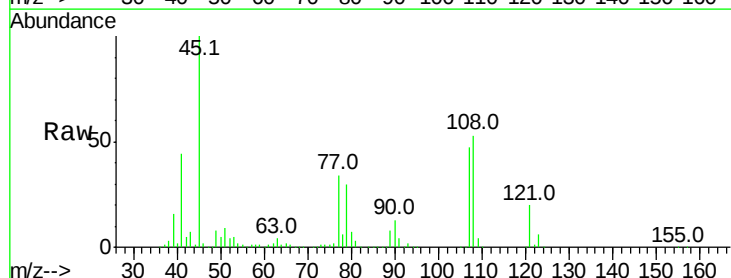
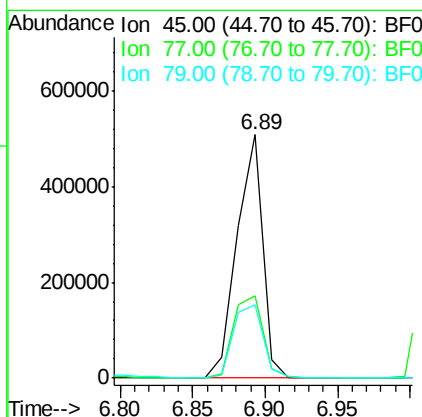
RT: 6.89 min Scan# 438

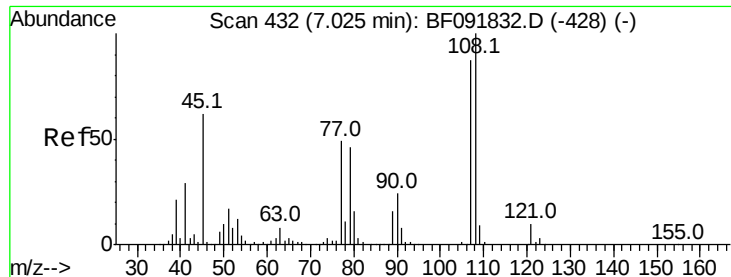
Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:	45	Resp:	625180
Ion Ratio	Lower	Upper	
45	100		
77	33.8	0.0	34.6
79	30.2	0.0	31.2





#17

2-Methylphenol

Concen: 37.98 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

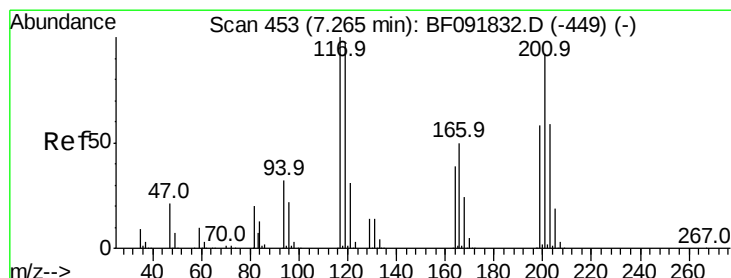
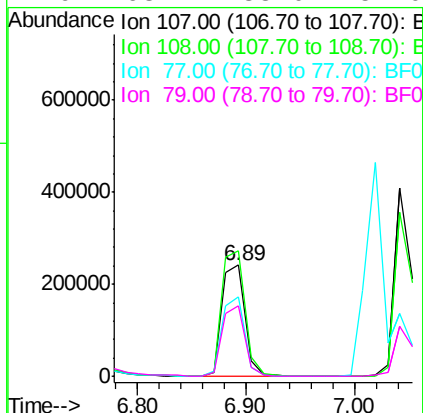
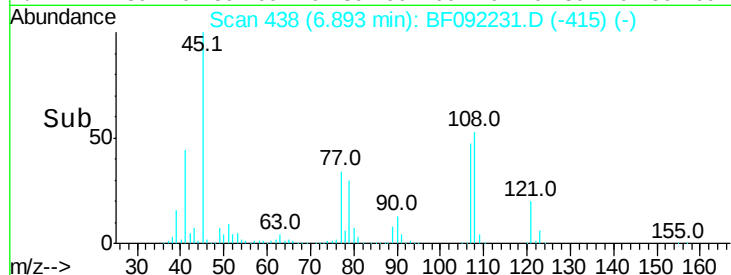
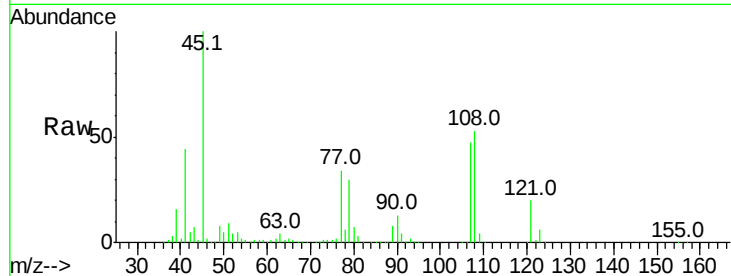
ClientSampled :

SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	93.0	139.6	
77	71.1	39.8	59.8	
79	63.7	38.0	57.0	

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#18

Hexachloroethane

Concen: 36.25 ng

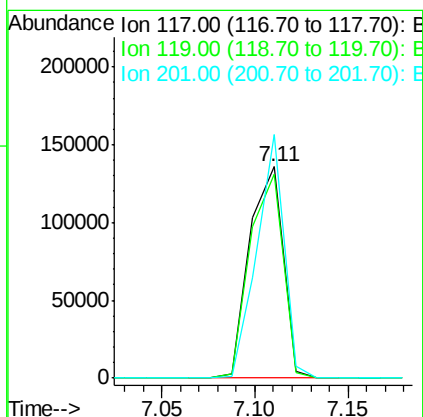
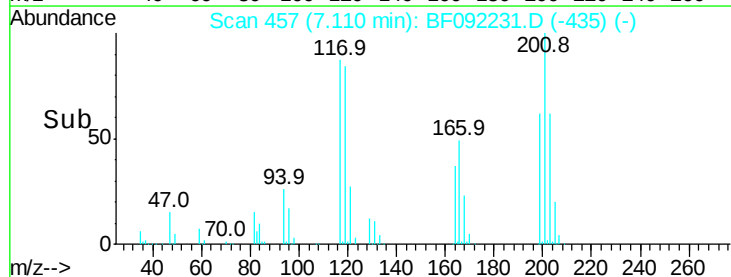
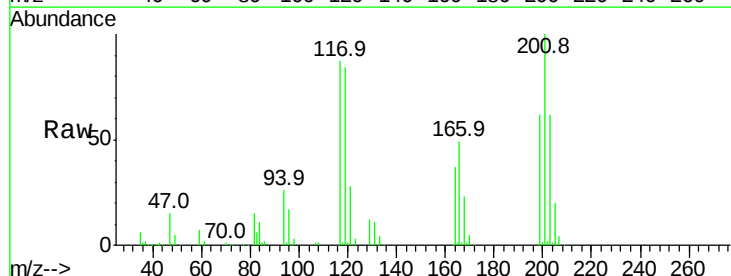
RT: 7.11 min Scan# 457

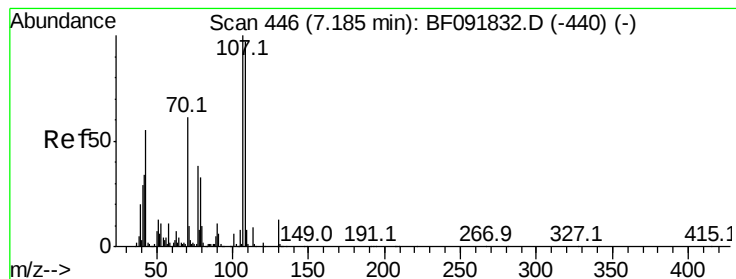
Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	78.1	117.1	
201	115.3	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 42.37 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

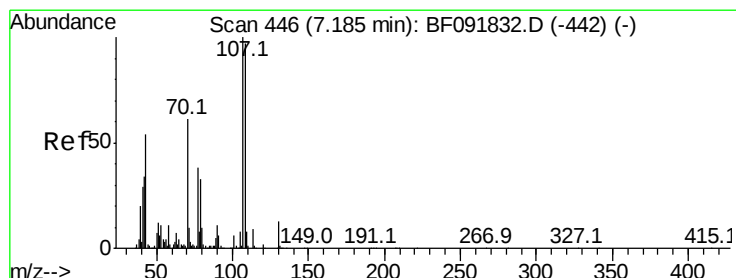
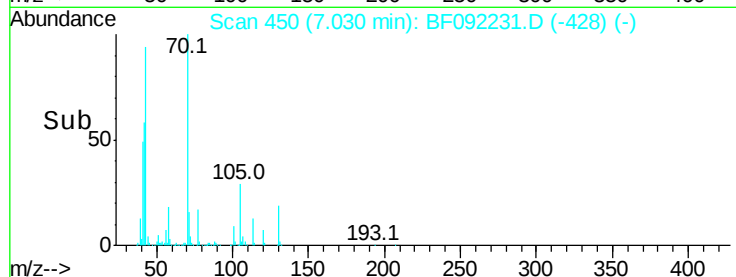
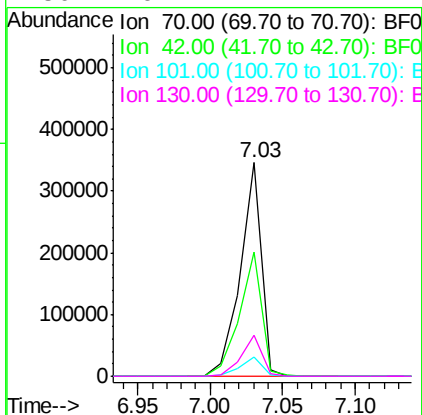
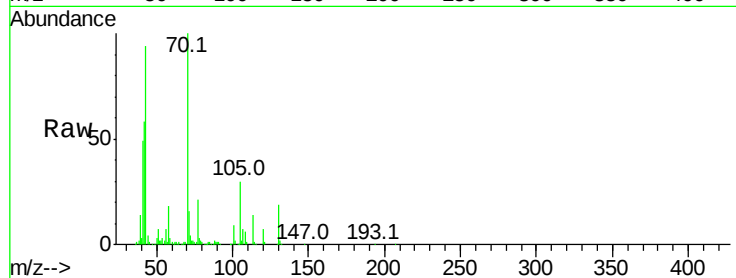
ClientSampled :

SW-001MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.4	49.4	74.0
101	9.3	7.4	11.2
130	19.1	14.2	21.4

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#20

3+4-Methylphenols

Concen: 44.22 ng

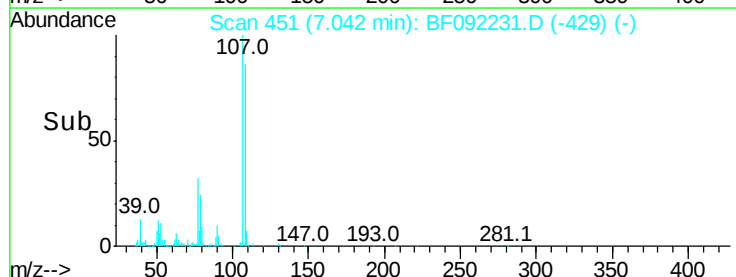
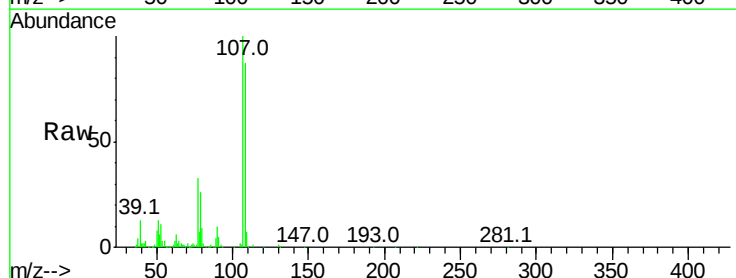
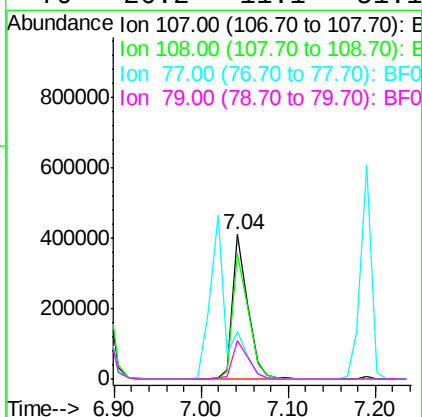
RT: 7.04 min Scan# 451

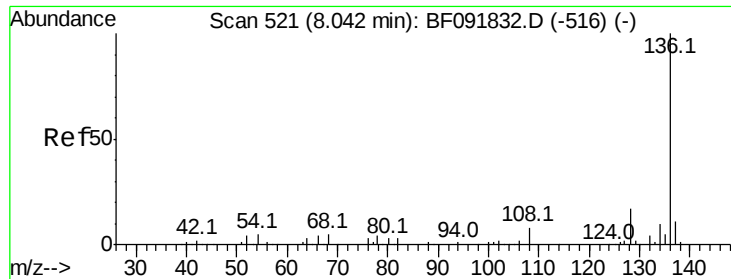
Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.0	113.0
77	33.1	71.3	111.3#
79	26.2	11.1	51.1





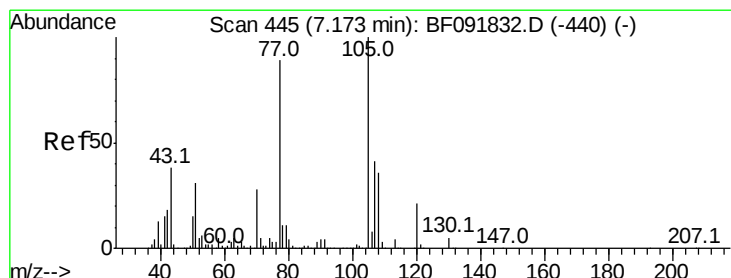
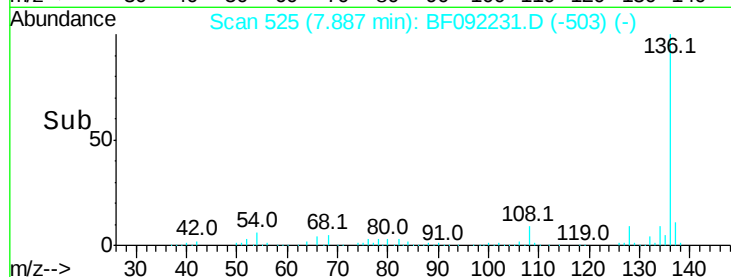
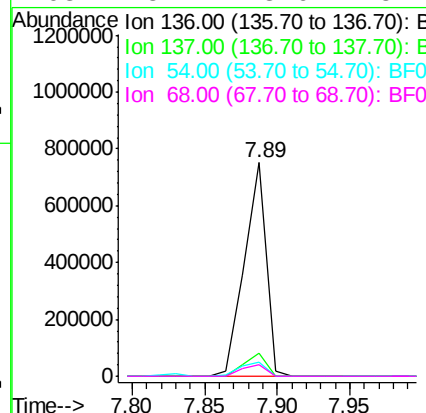
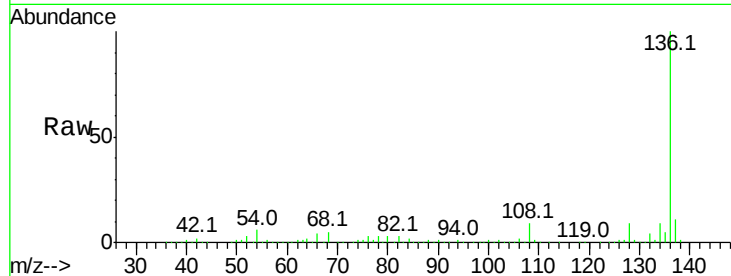
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	786774		
137	10.7		8.4	12.6
54	6.4		4.5	6.7
68	5.2		3.6	5.4

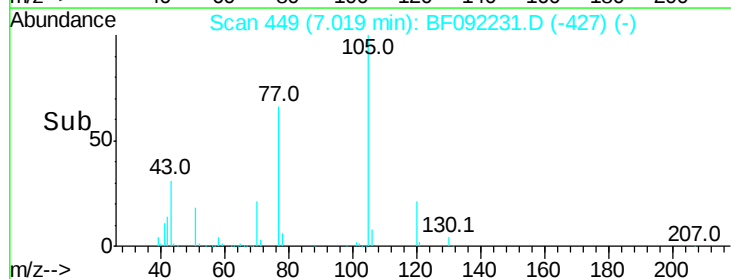
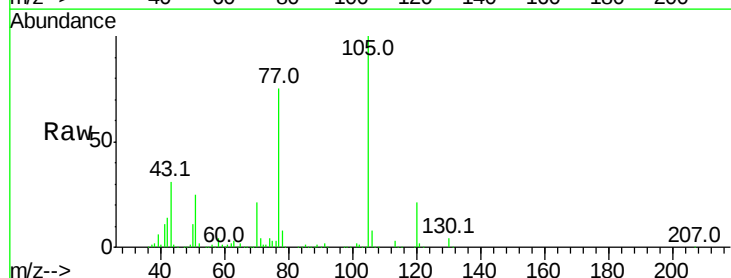
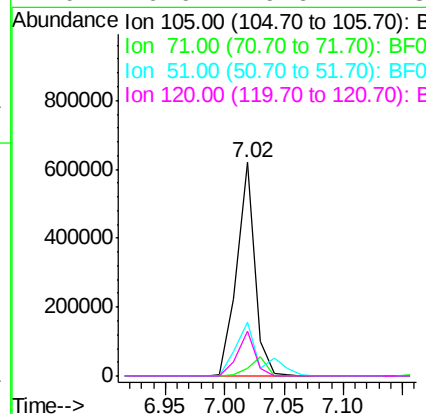
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#22
Acetophenone
Concen: 33.85 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	656868		
71	3.6		3.2	4.8
51	25.0		26.2	39.4#
120	20.9		16.6	24.8





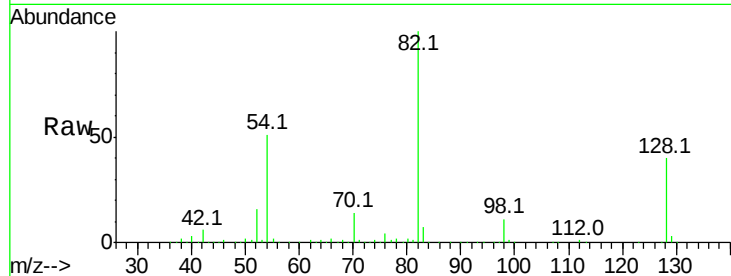
#23
Nitrobenzene-d5
Concen: 74.05 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleID :
SW-001MS

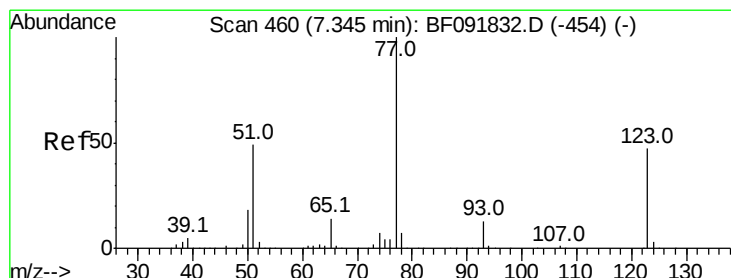
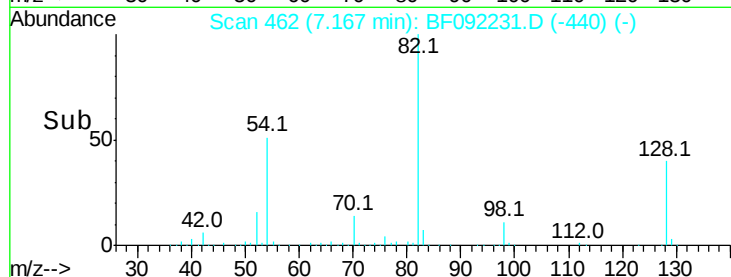
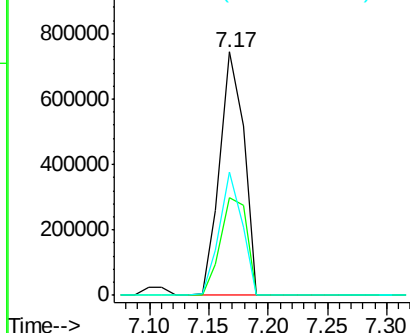
Tot Ion: 82 Resp: 1047801
Ion Ratio Lower Upper
82 100
128 40.3 34.6 52.0
54 50.8 39.5 59.3

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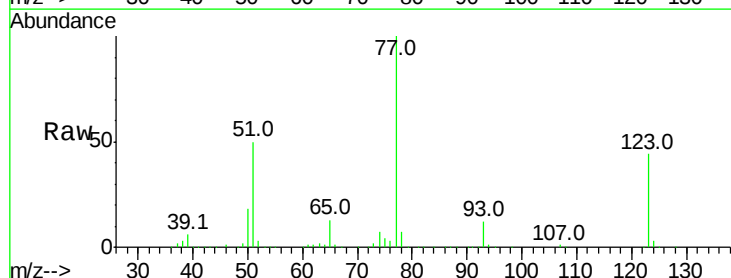


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

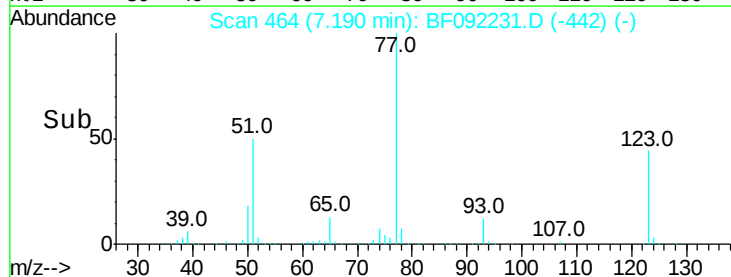
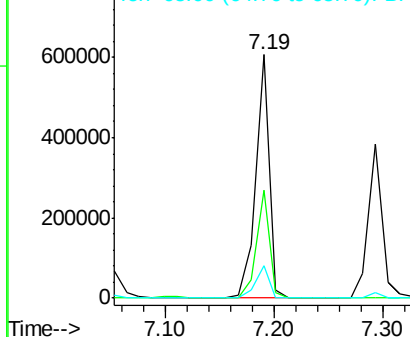


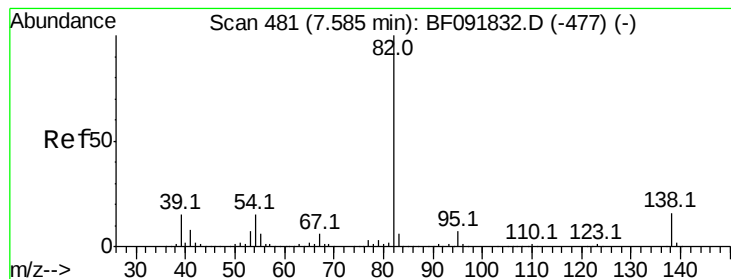
#24
Nitrobenzene
Concen: 35.09 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion: 77 Resp: 528730
Ion Ratio Lower Upper
77 100
123 44.2 33.0 49.4
65 13.4 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.14 ng

RT: 7.43 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tot Ion: 82 Resp: 1021842

Ion Ratio Lower Upper

82 100

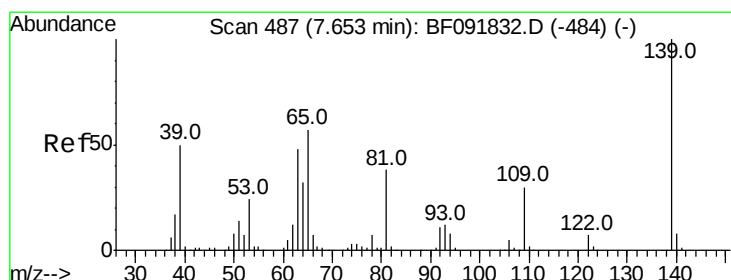
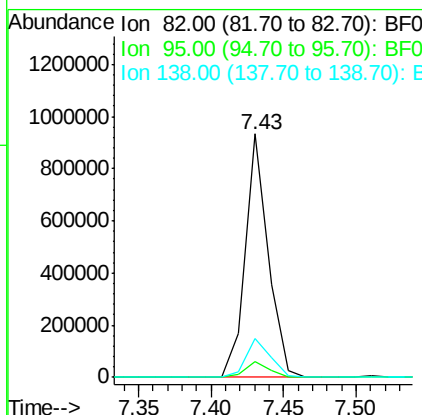
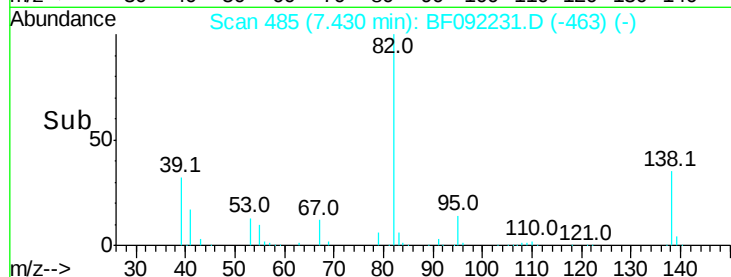
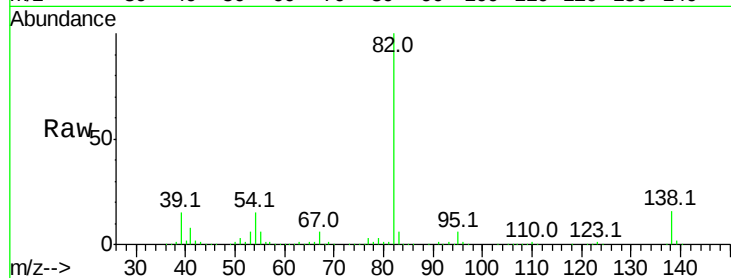
95 6.5 5.6 8.4

138 15.7 14.6 22.0

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#26

2-Nitrophenol

Concen: 39.79 ng

RT: 7.51 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

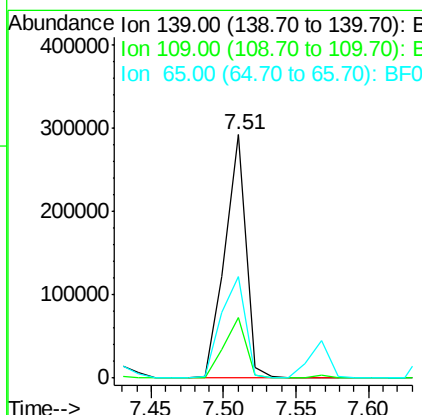
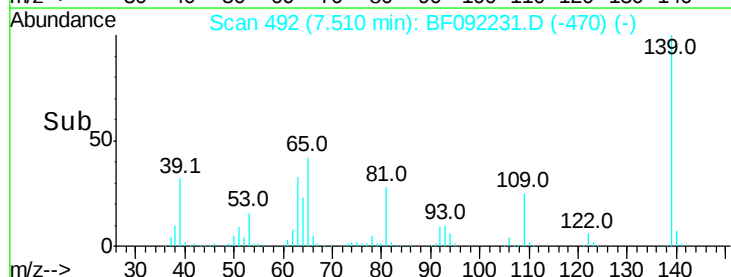
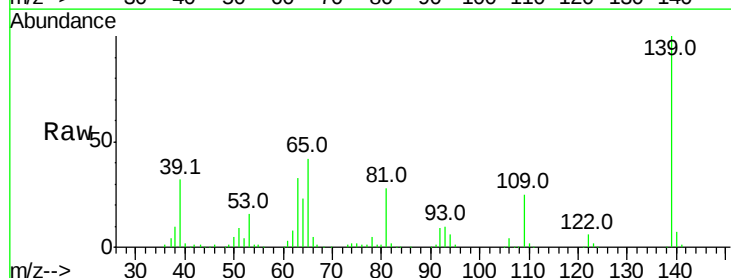
Tgt Ion: 139 Resp: 295731

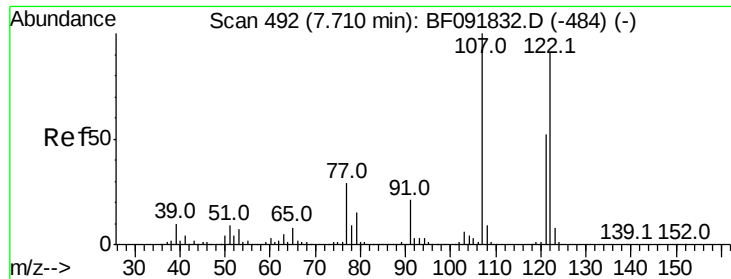
Ion Ratio Lower Upper

139 100

109 25.0 23.3 34.9

65 41.7 42.7 64.1#





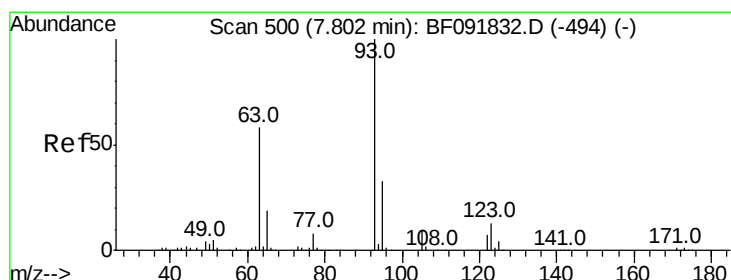
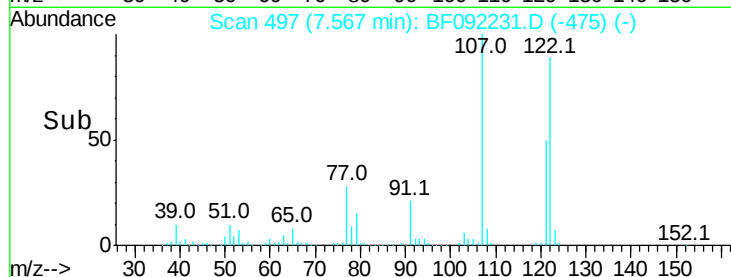
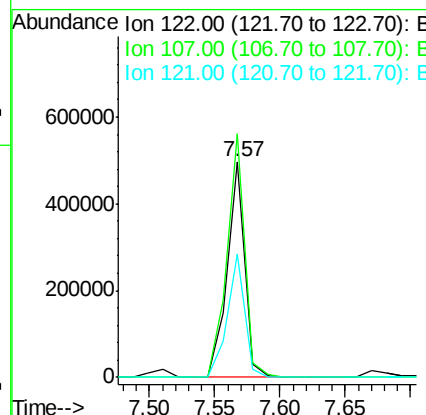
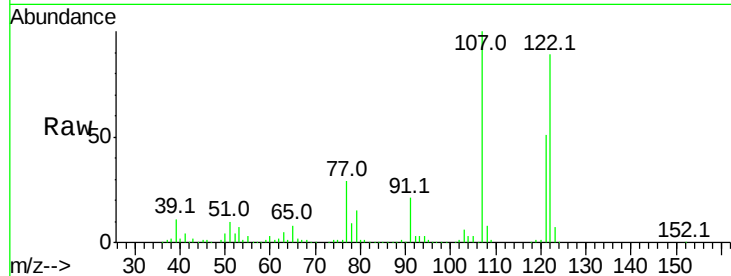
#27
2,4-Dimethylphenol
Concen: 38.25 ng
RT: 7.57 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	471477		
107	112.8	94.1	141.1	
121	57.0	46.0	69.0	

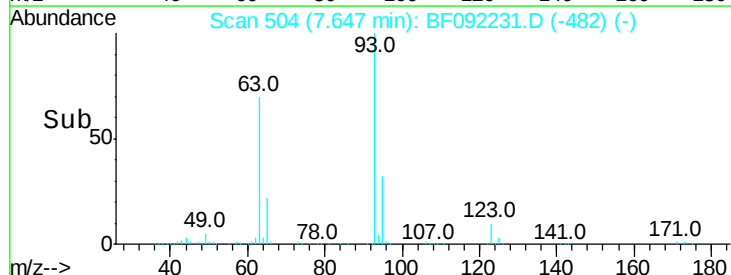
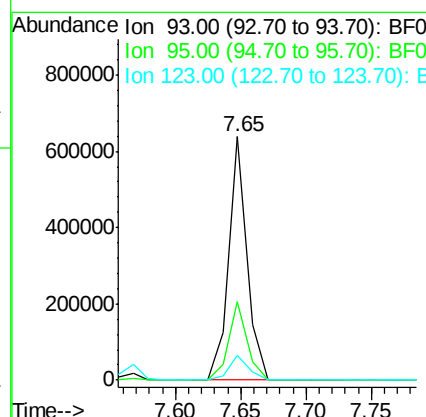
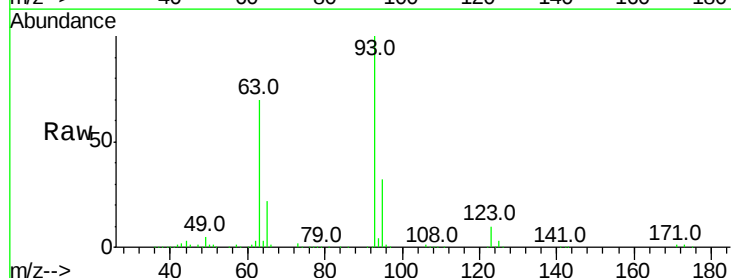
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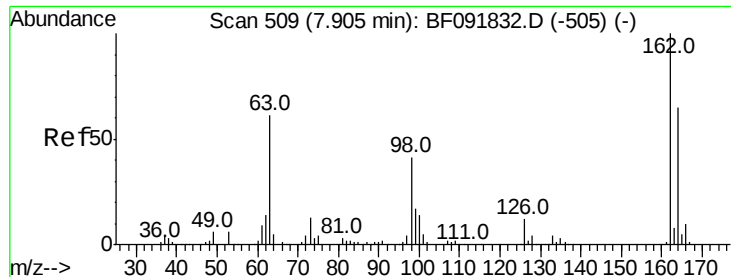
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 39.56 ng
RT: 7.65 min Scan# 504
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	626159		
95	32.4	26.5	39.7	
123	10.1	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 40.91 ng

RT: 7.76 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

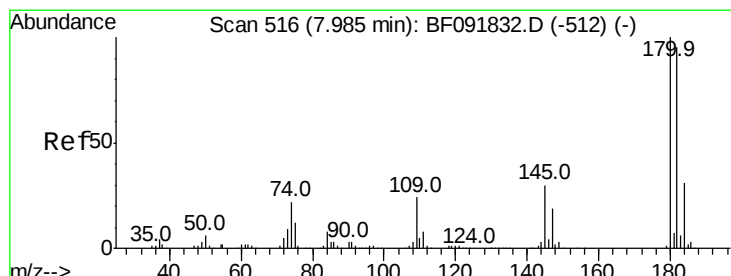
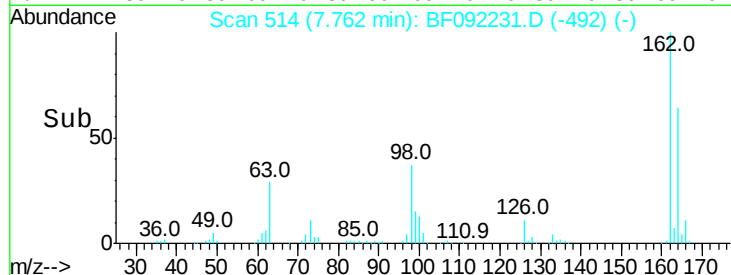
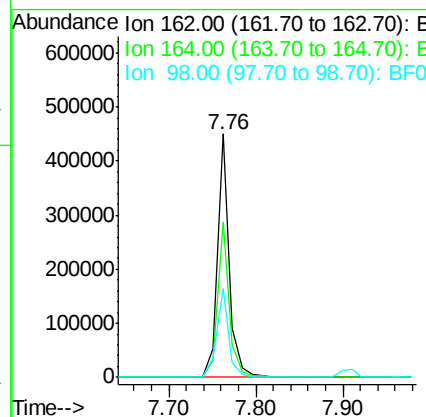
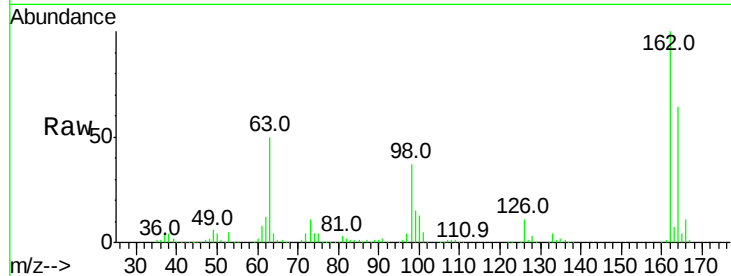
ClientSampleId :

SW-001MS

Tot Ion:	162	Resp:	427003
Ion Ratio	Lower	Upper	
162	100		
164	63.9	46.8	86.8
98	36.6	9.1	49.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.26 ng

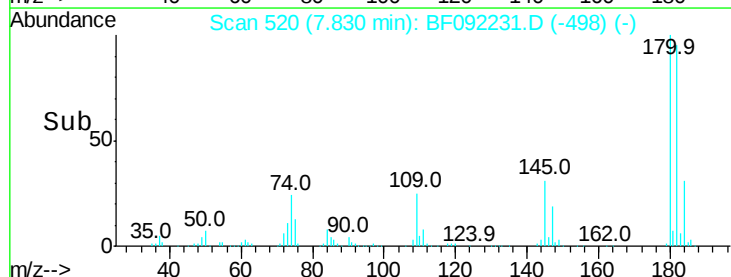
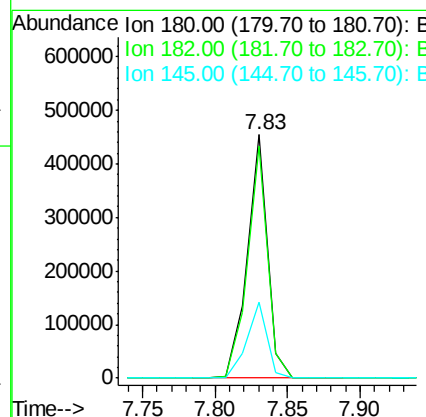
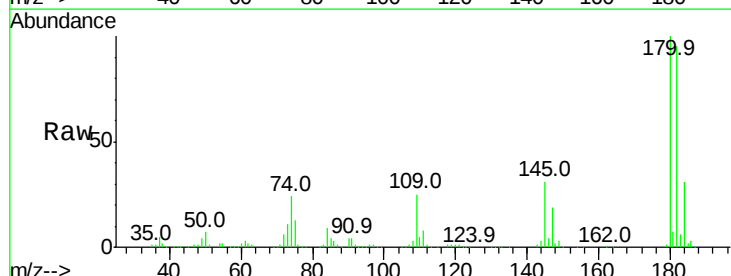
RT: 7.83 min Scan# 520

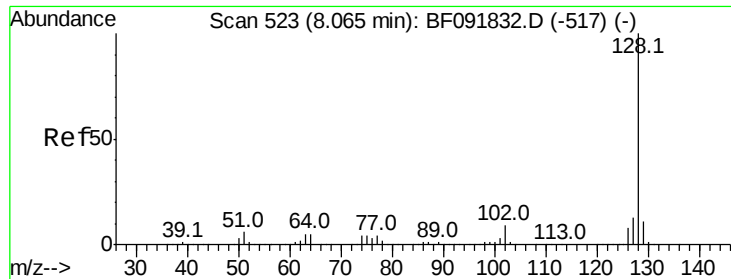
Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:	180	Resp:	437608
Ion Ratio	Lower	Upper	
180	100		
182	95.1	78.2	117.4
145	31.0	21.6	32.4





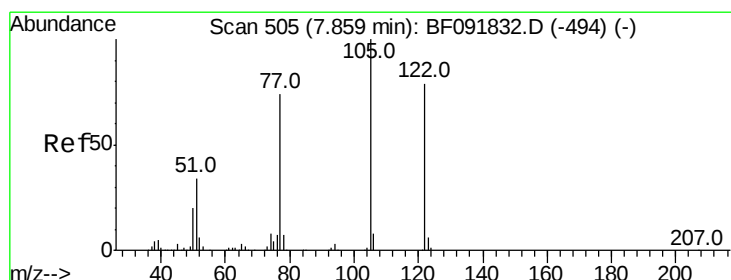
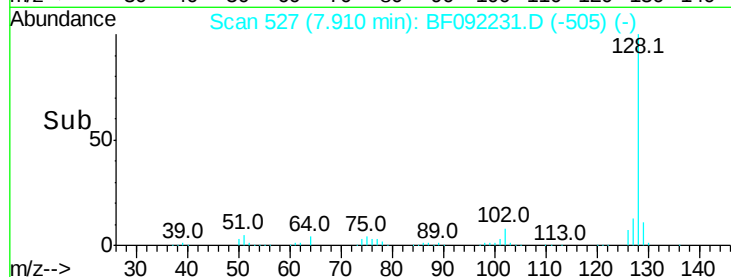
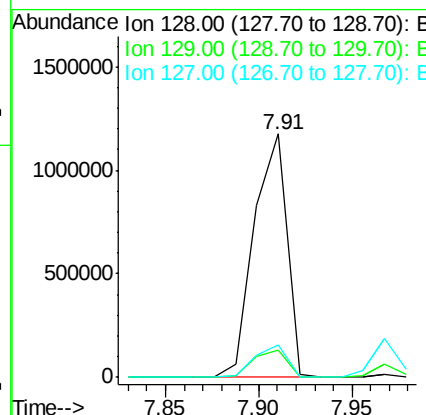
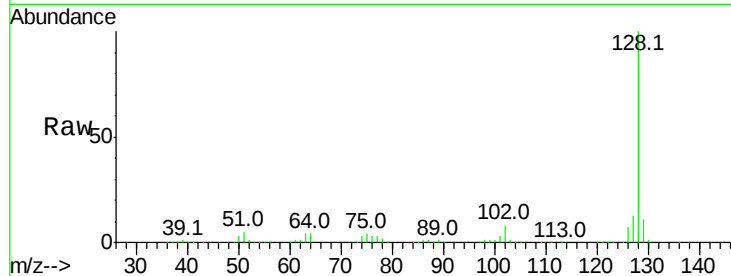
#31
Naphthalene
Concen: 39.82 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion:128 Resp: 1433823
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.1 10.8 16.2

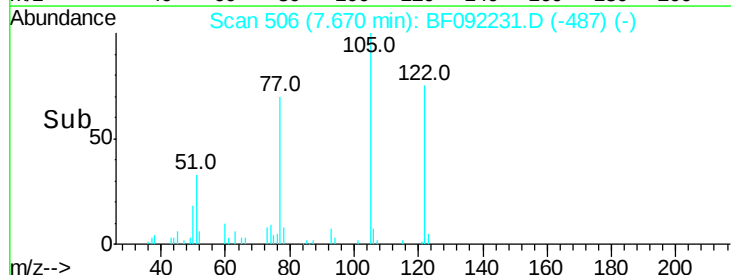
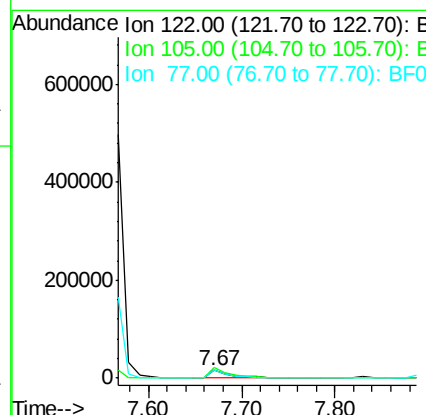
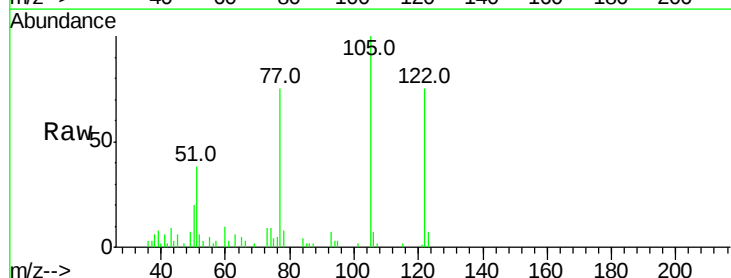
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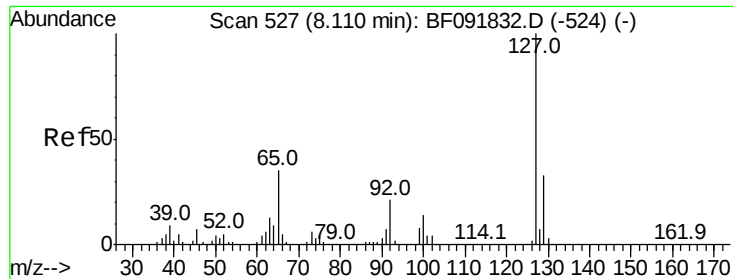
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#32
Benzoic acid
Concen: 2.79 ng
RT: 7.67 min Scan# 506
Delta R.T. -0.08 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion:122 Resp: 25543
Ion Ratio Lower Upper
122 100
105 133.4 107.2 147.2
77 100.5 74.5 114.5





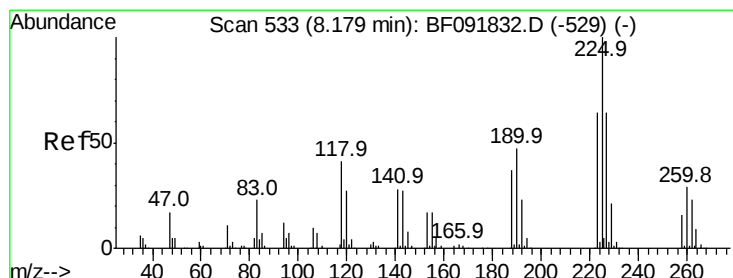
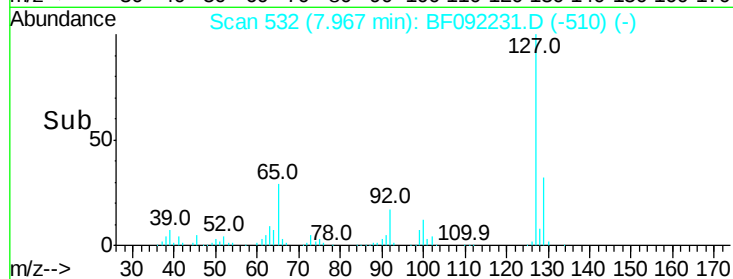
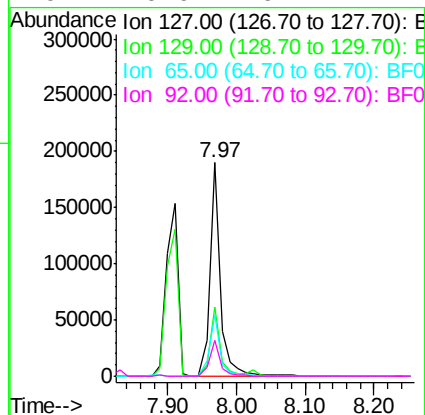
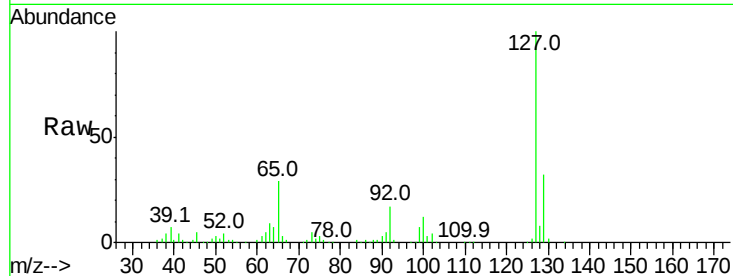
#33
4-Chloroaniline
Concen: 12.35 ng
RT: 7.97 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.3	39.5	
65	28.7	25.8	38.8	
92	16.9	16.1	24.1	

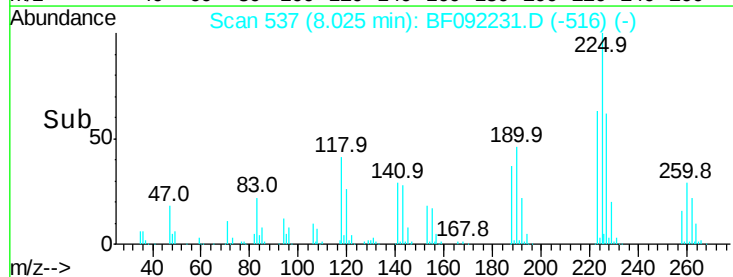
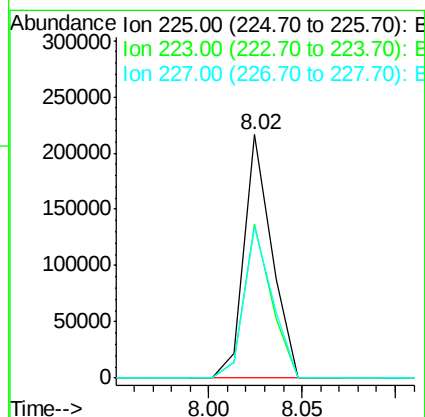
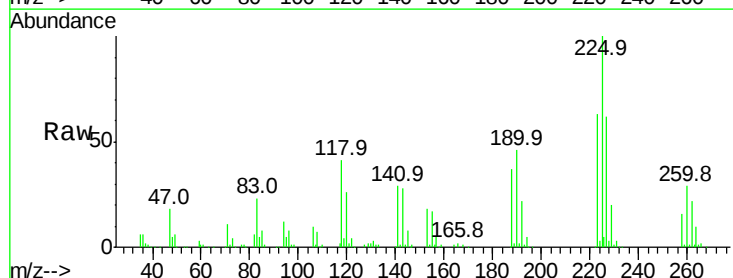
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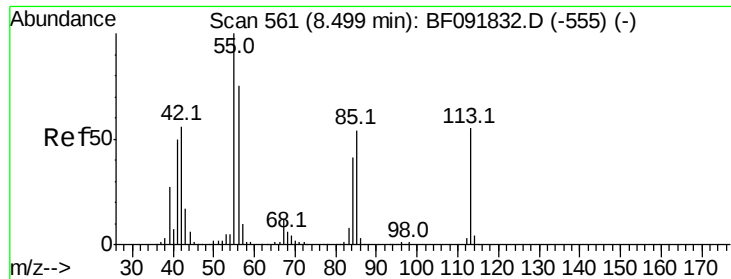
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#34
Hexachlorobutadiene
Concen: 37.11 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	51.0	76.6	
227	62.4	50.6	76.0	





#35

Caprolactam

Concen: 33.47 ng

RT: 8.33 min Scan# 564

Delta R.T. -0.06 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

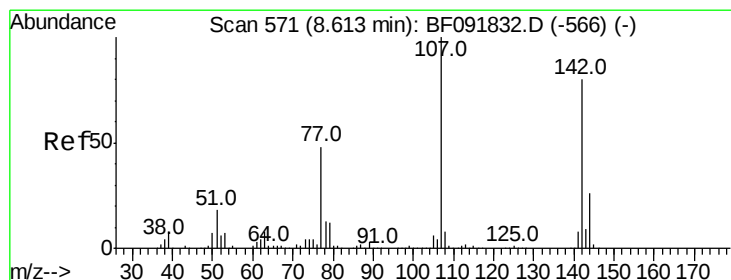
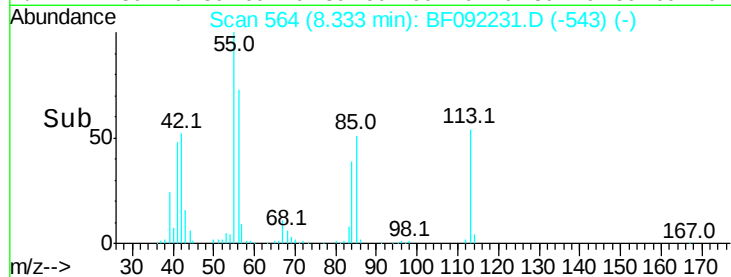
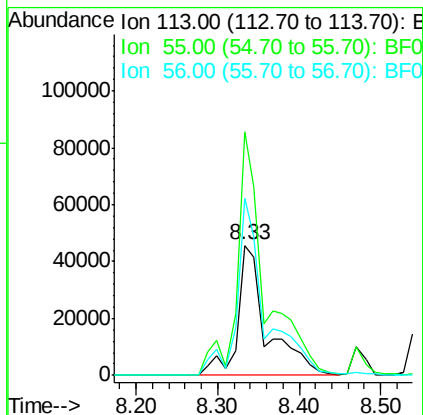
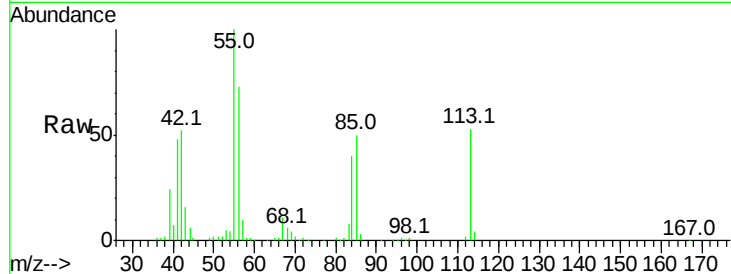
ClientSampled :

SW-001MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.0	119.2	159.2#
56	135.9	83.8	123.8#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 36.27 ng

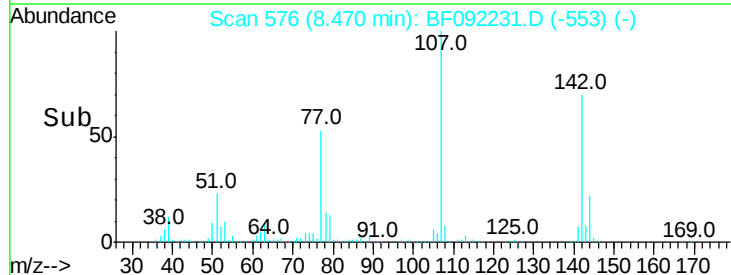
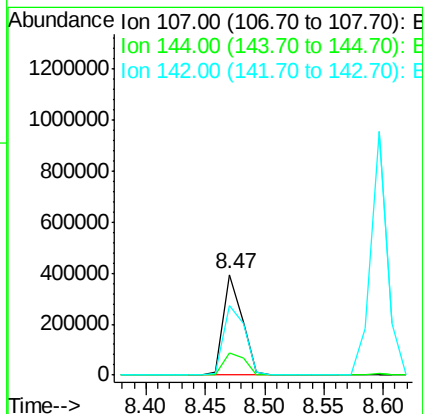
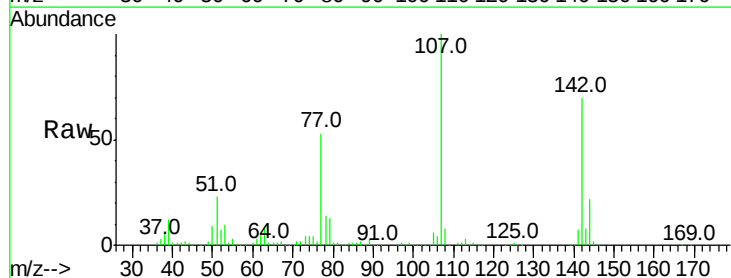
RT: 8.47 min Scan# 576

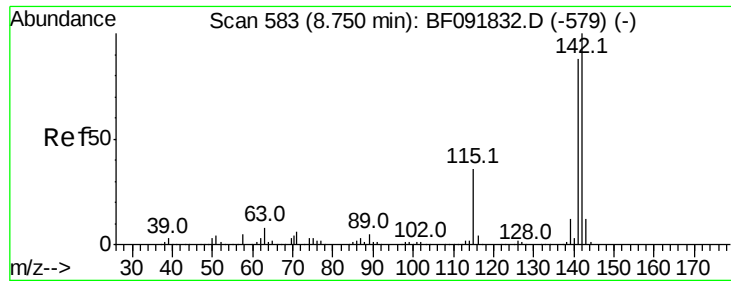
Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	19.3	28.9
142	69.5	59.0	88.6





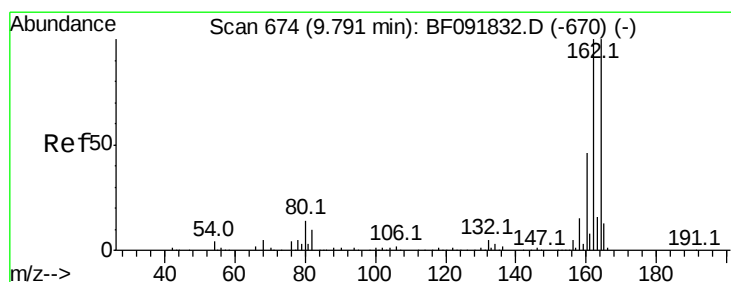
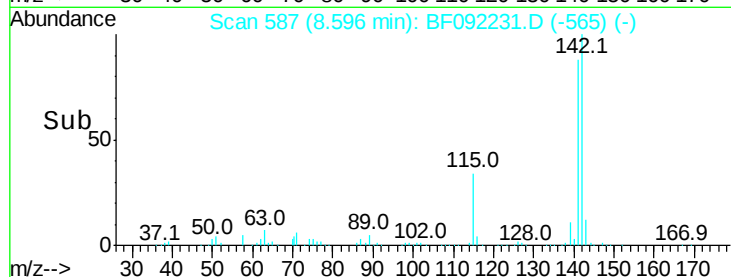
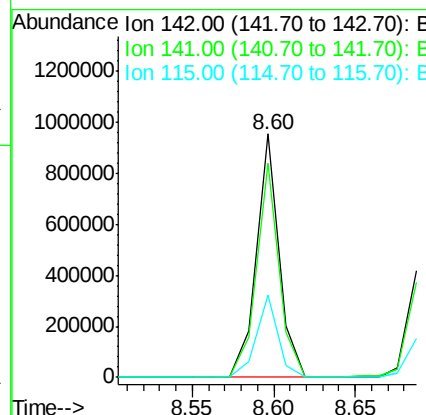
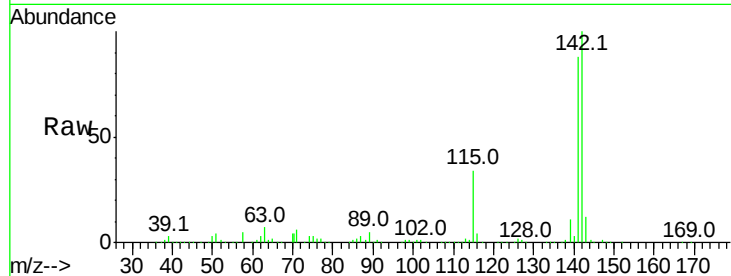
#37
2-Methylnaphthalene
Concen: 40.93 ng
RT: 8.60 min Scan# 587
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	922587		
141	87.9		71.0	106.6
115	34.0		28.3	42.5

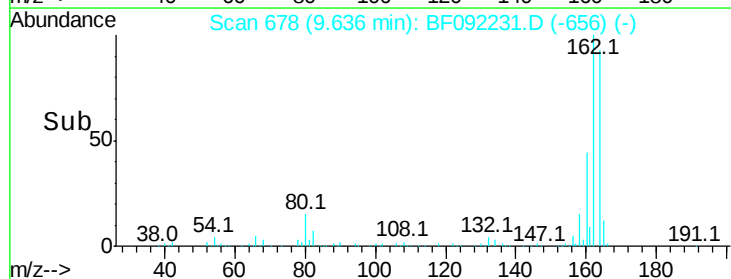
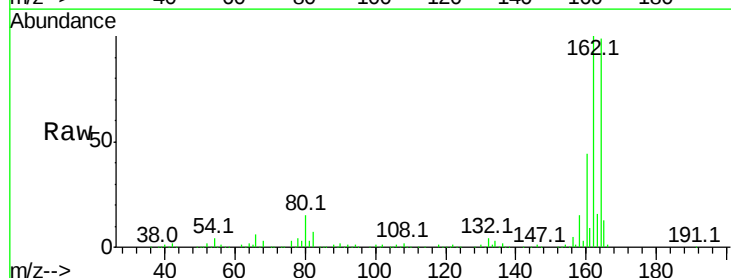
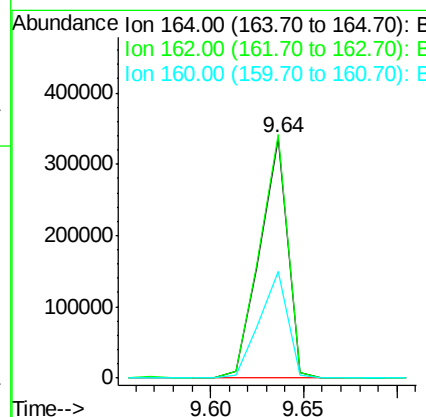
Manual Integrations
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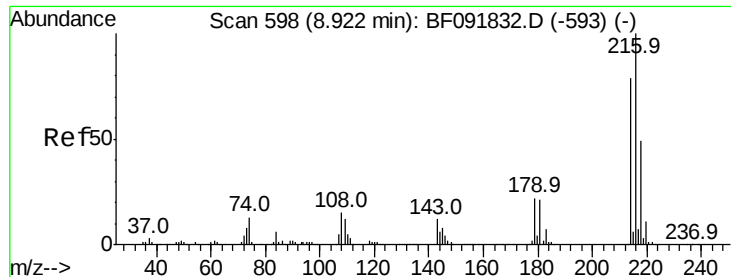
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	347977		
162	101.3		80.2	120.2
160	44.1		36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.92 ng

RT: 8.77 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

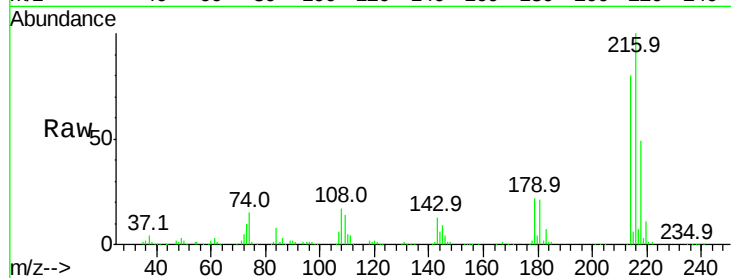
ClientSampleId :

SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	421332		
214	80.3	63.4	95.0	
179	22.5	17.4	26.2	
108	20.9	15.6	23.4	

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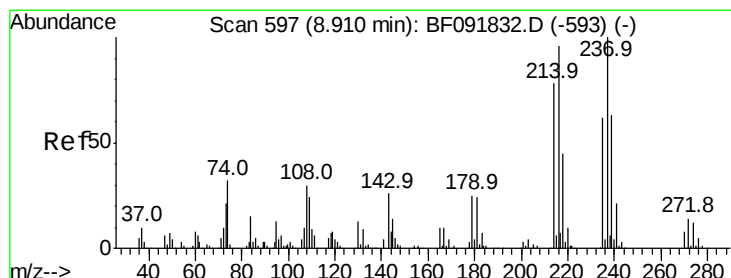
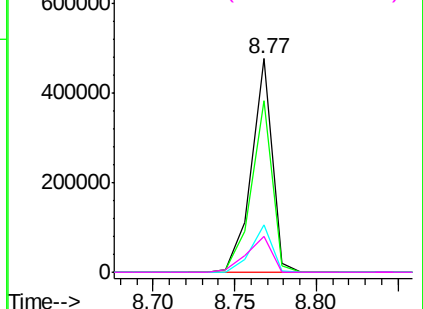
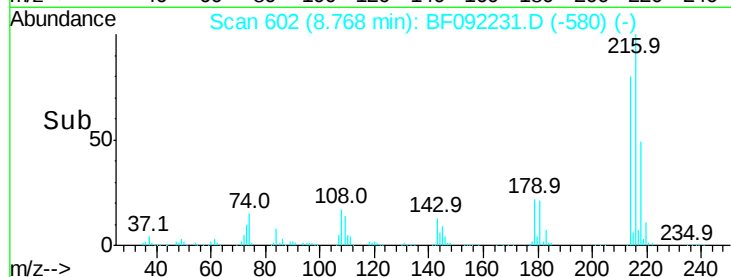


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.74 ng

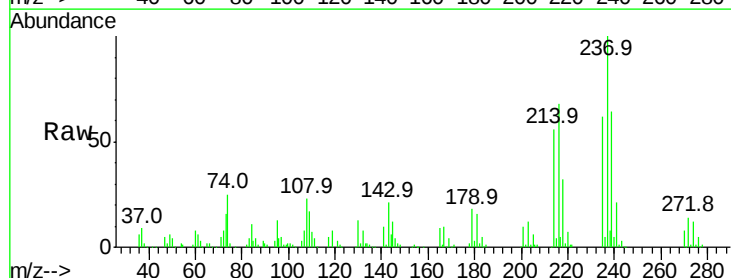
RT: 8.76 min Scan# 601

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

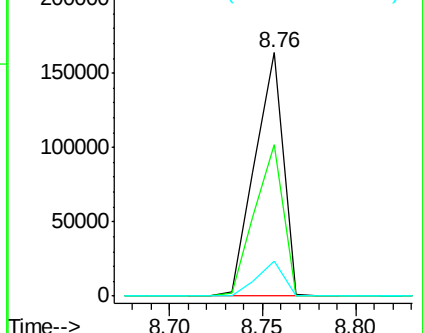
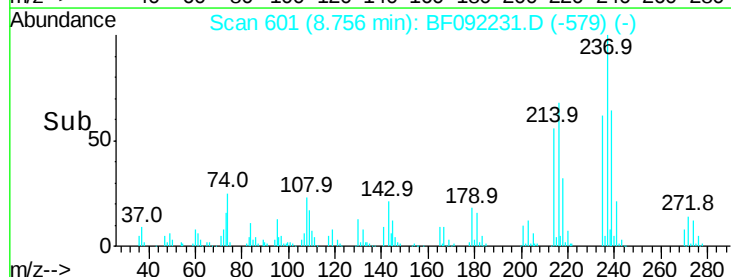
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	172059		
235	62.4	41.2	81.2	
272	14.2	0.0	35.4	



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





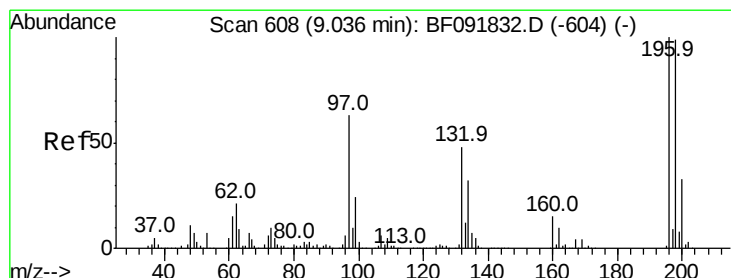
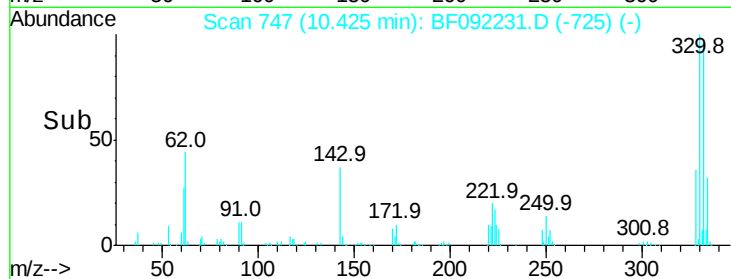
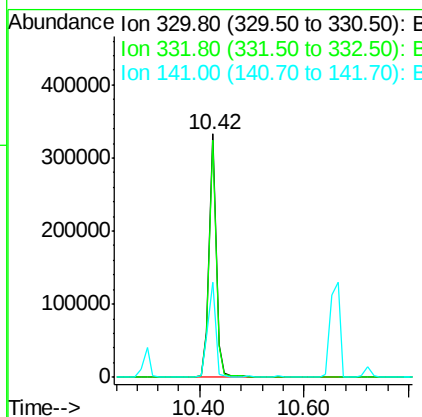
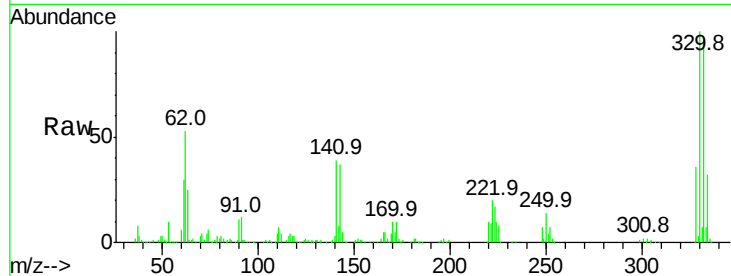
#41
 2,4,6-Tribromophenol
 Concen: 110.73 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.4	116.2	
141	42.0	34.1	51.1	

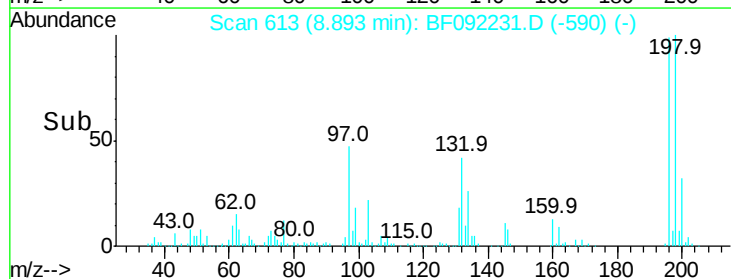
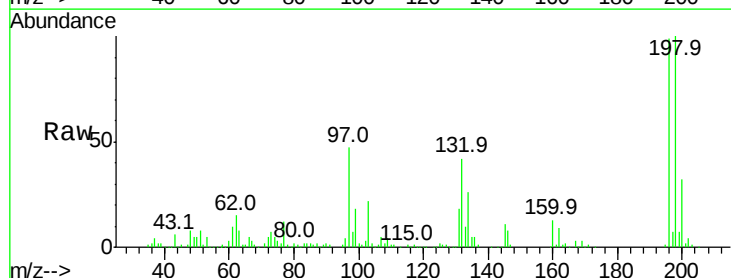
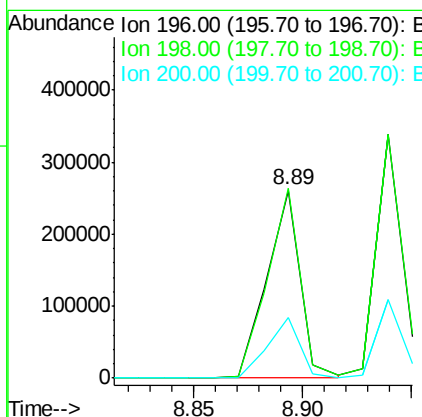
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#42
 2,4,6-Trichlorophenol
 Concen: 45.44 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.3	82.1	123.1	
200	32.7	27.0	40.4	





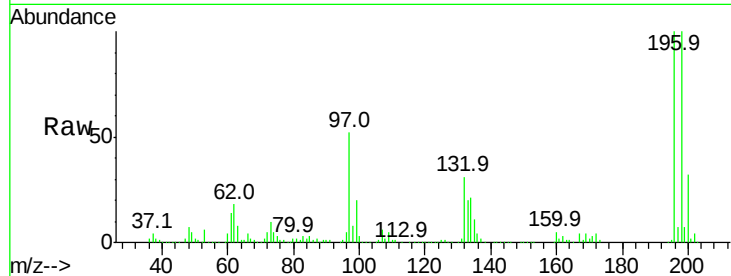
#43
 2,4,5-Trichlorophenol
 Concen: 46.29 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Instrument :
 BNA_F
 ClientSampled :
 SW-001MS

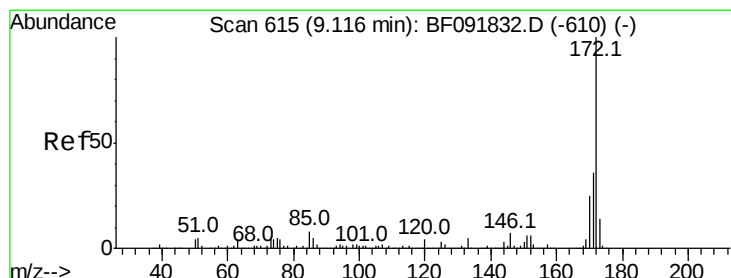
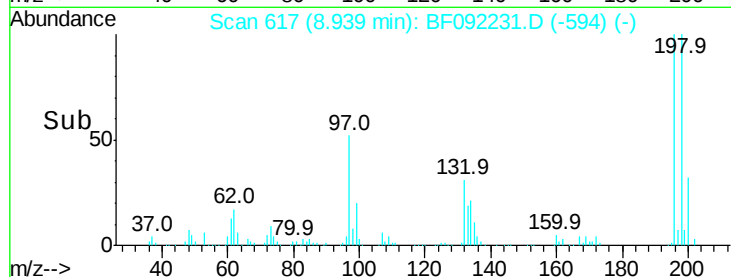
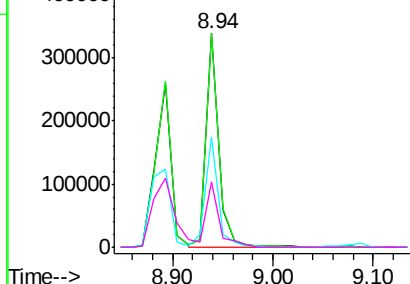
Tot Ion	196	Resp	292922
Ion Ratio	Lower	Upper	
196	100		
198	99.9	79.4	119.2
97	51.8	51.5	77.3
132	30.7	27.4	41.2

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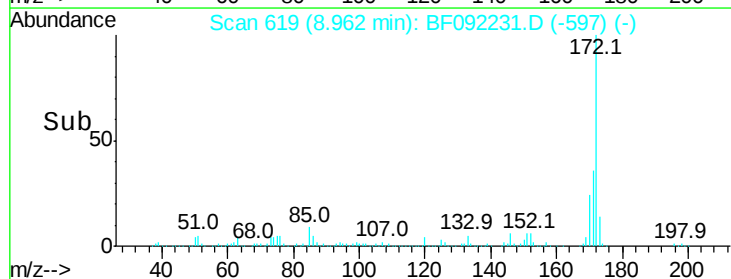
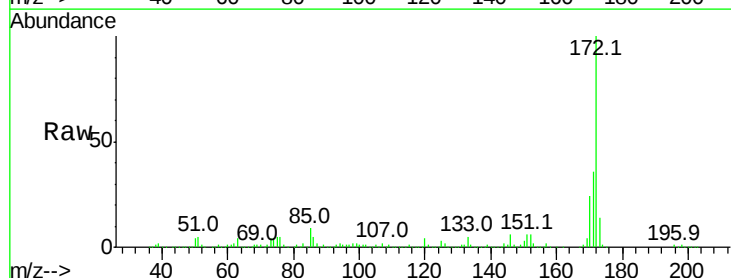
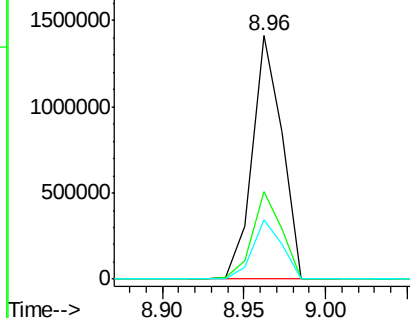
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.41 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Tgt Ion	172	Resp	1780774
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.4	44.0
170	24.3	20.2	30.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





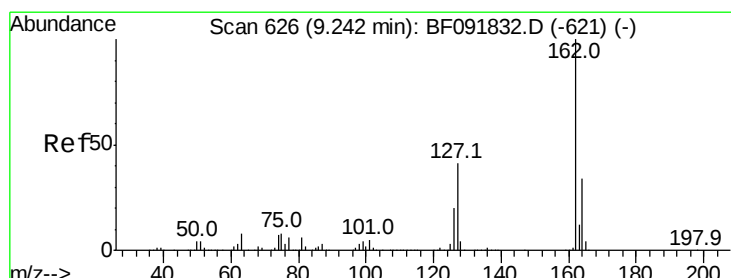
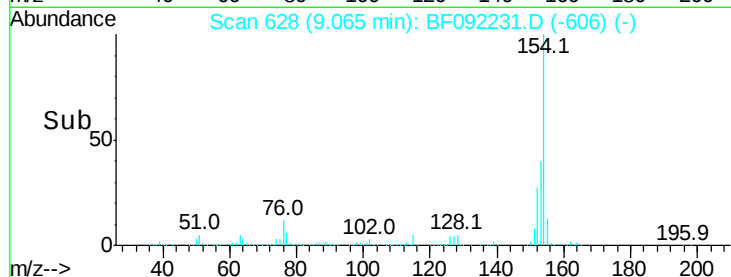
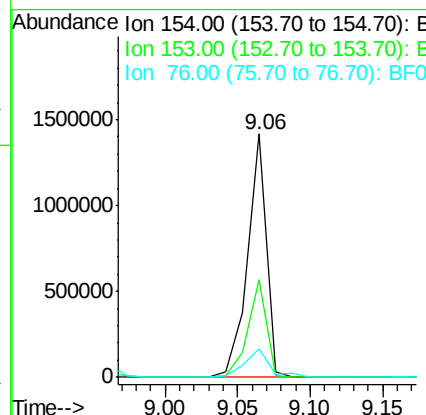
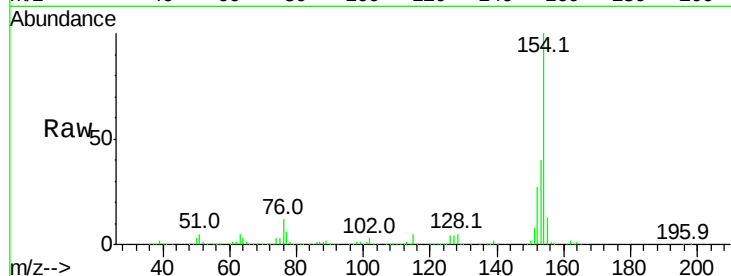
#45
1,1'-Biphenyl
Concen: 53.40 ng
RT: 9.06 min Scan# 628
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.9	60.9
76	12.0	0.0	30.5

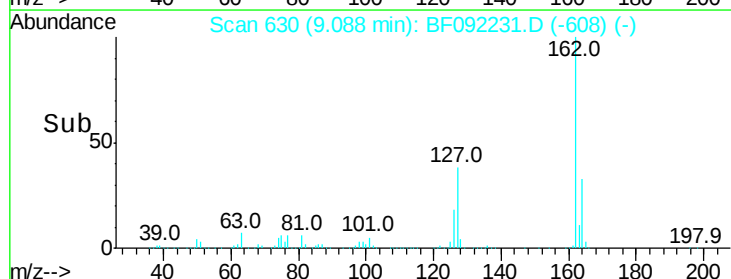
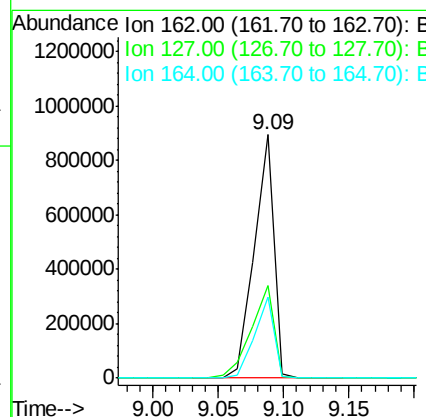
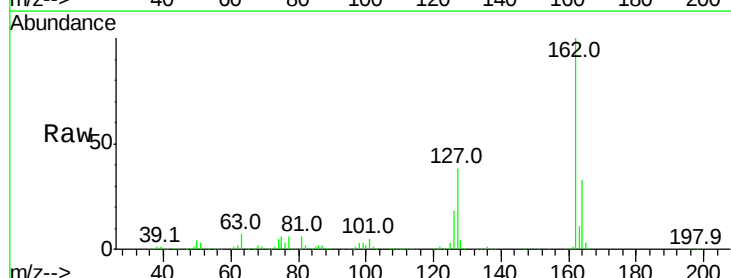
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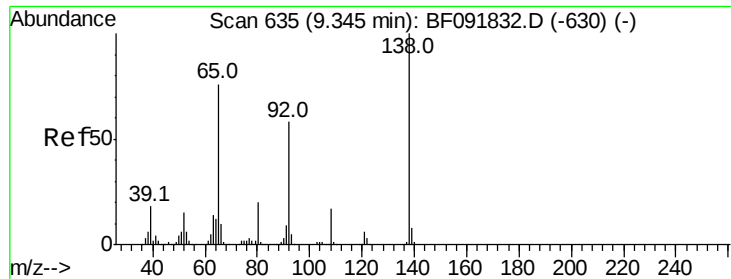
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#46
2-Chloronaphthalene
Concen: 49.76 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.7	46.1
164	33.2	27.6	41.4





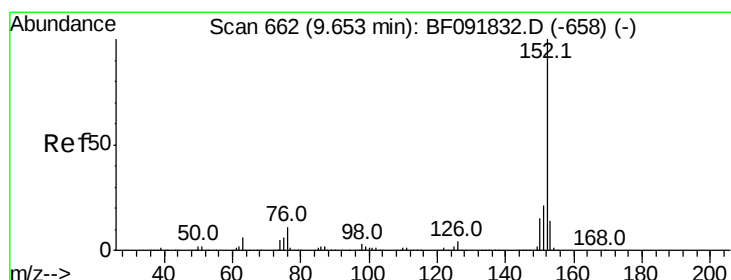
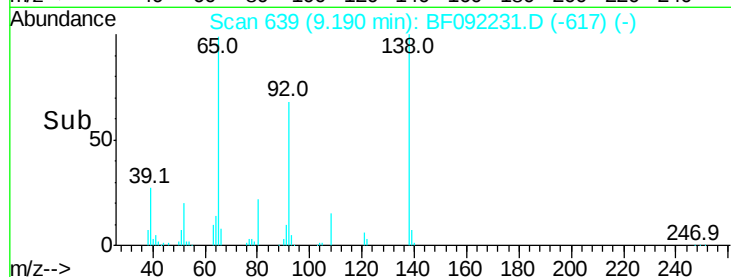
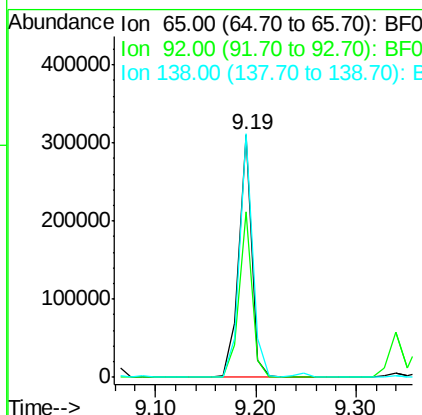
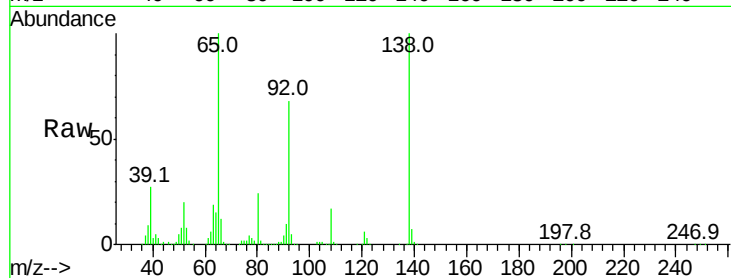
#47
2-Nitroaniline
Concen: 41.70 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.2	53.9	80.9
138	100.2	76.8	115.2

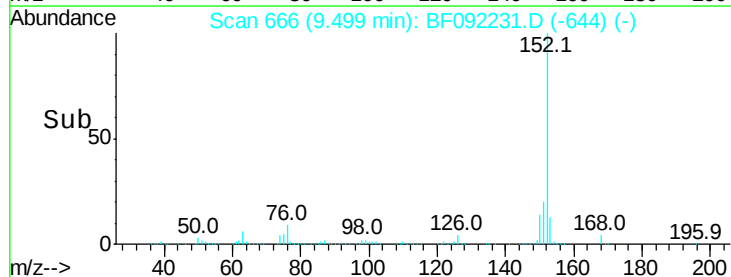
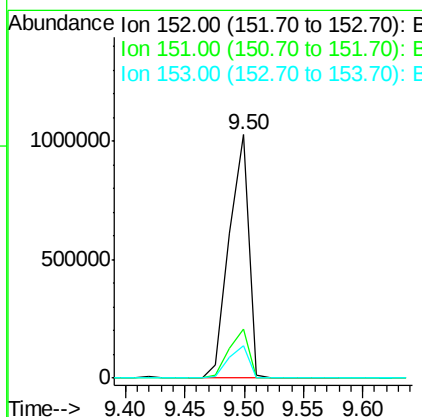
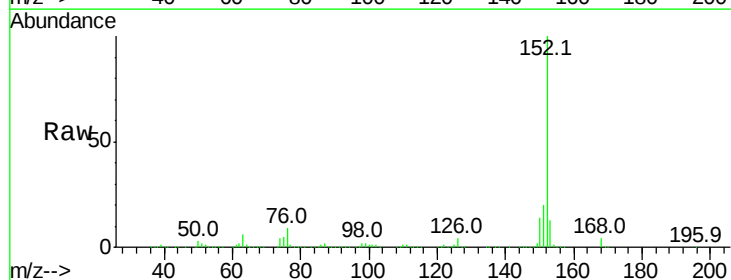
Manual Integrations
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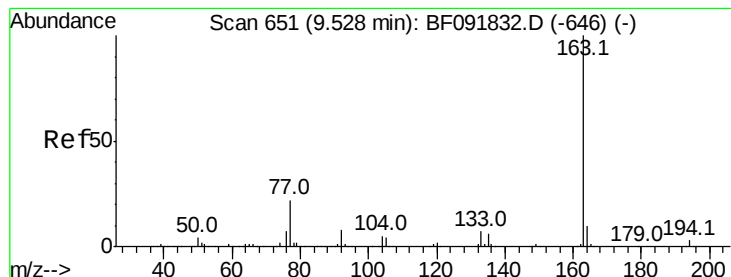
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#48
Acenaphthylene
Concen: 40.53 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	13.3	11.4	17.2





#49

Dimethylphthalate

Concen: 52.19 ng

RT: 9.37 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

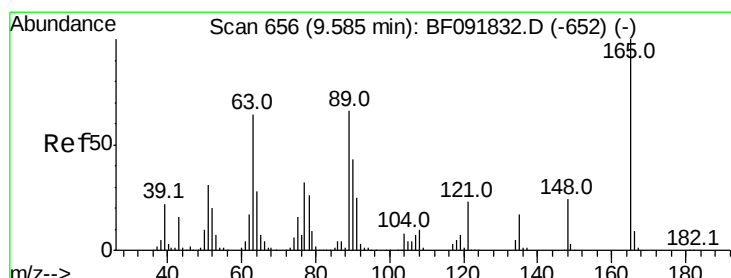
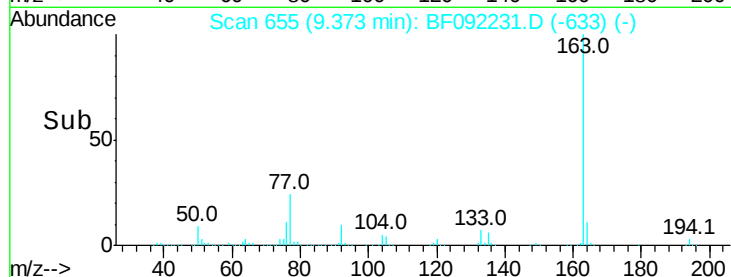
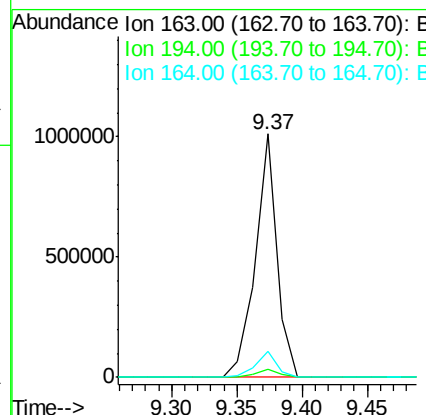
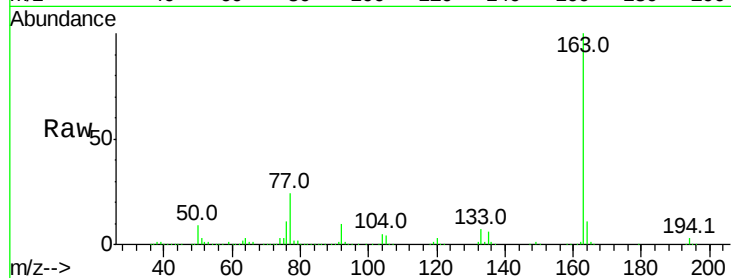
ClientSampleId :

SW-001MS

Tot Ion:	163	Resp:	1161507
Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.6	8.0	12.0

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 37.67 ng

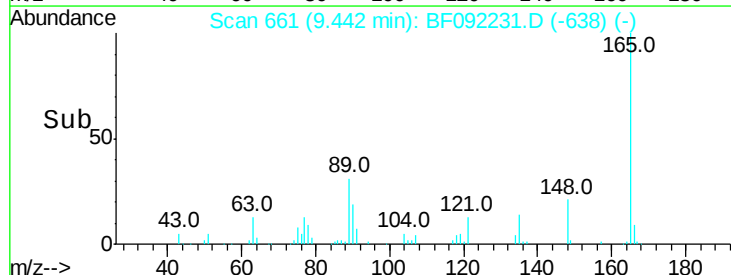
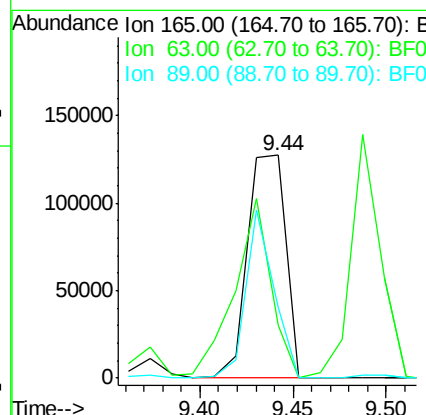
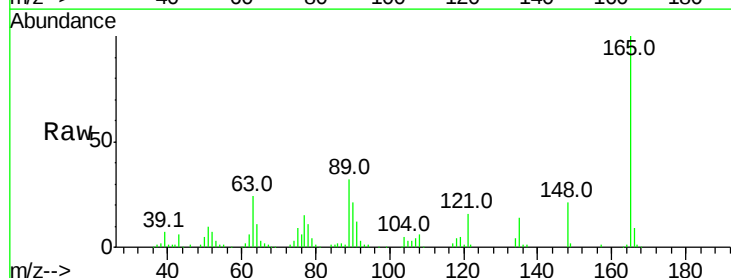
RT: 9.44 min Scan# 661

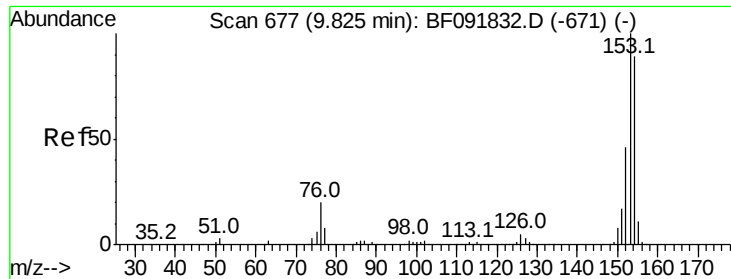
Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:	165	Resp:	183506
Ion	Ratio	Lower	Upper
165	100		
63	23.6	36.2	54.4#
89	31.7	40.2	60.4#





#51

Acenaphthene

Concen: 38.61 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

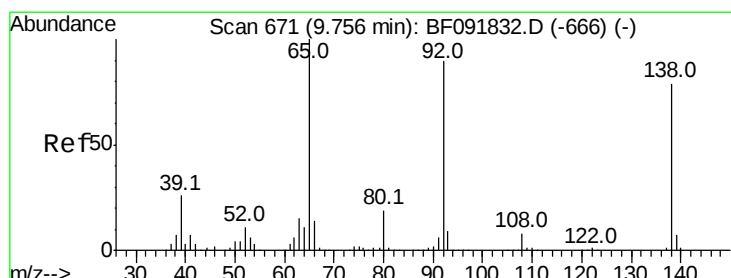
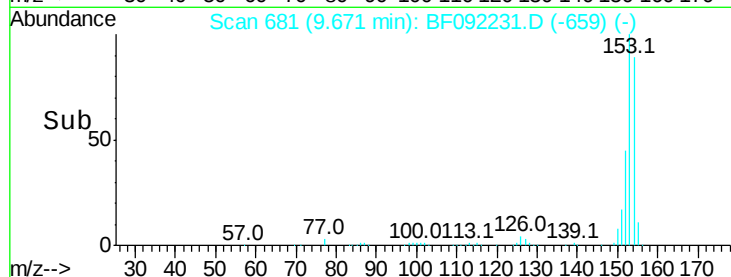
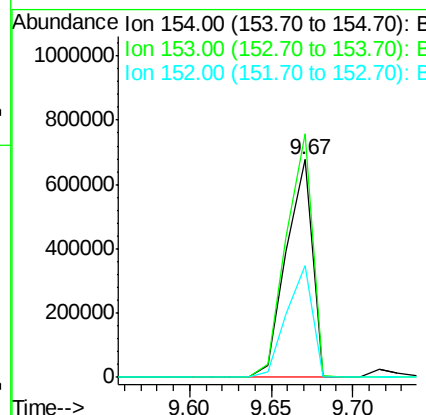
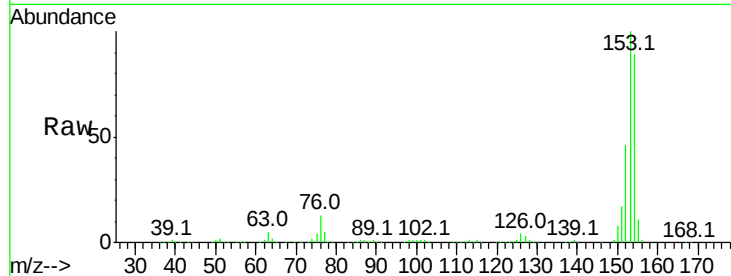
ClientSampleId :

SW-001MS

Tot Ion:	154	Resp:	759653
Ion Ratio	Lower	Upper	
154	100		
153	112.0	88.6	133.0
152	51.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 24.67 ng

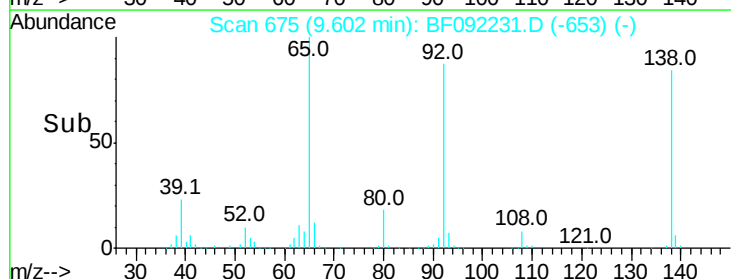
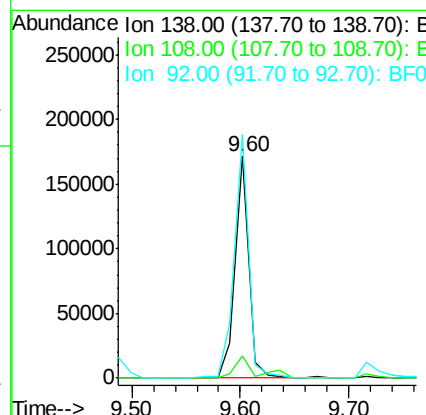
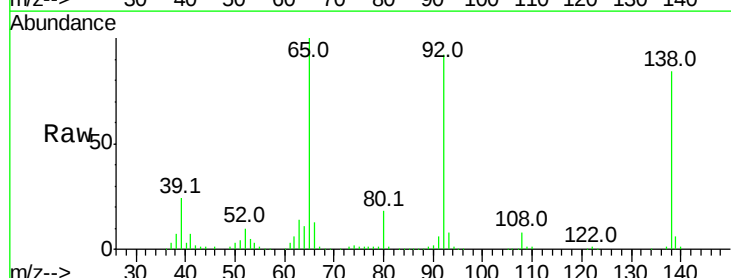
RT: 9.60 min Scan# 675

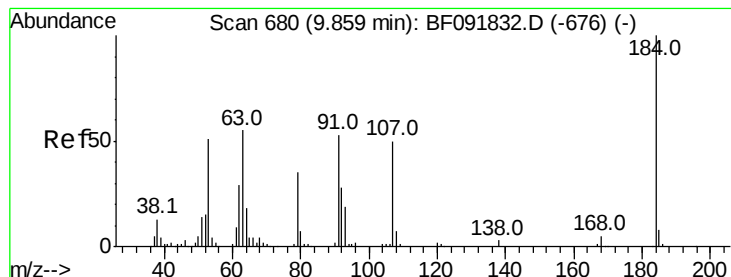
Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:	138	Resp:	148704
Ion Ratio	Lower	Upper	
138	100		
108	9.8	8.5	12.7
92	109.8	97.8	146.8





#53

2,4-Dinitrophenol

Concen: 19.75 ng

RT: 9.72 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleID :

SW-001MS

Tot Ion:184 Resp: 53539

Ion Ratio Lower Upper

184 100

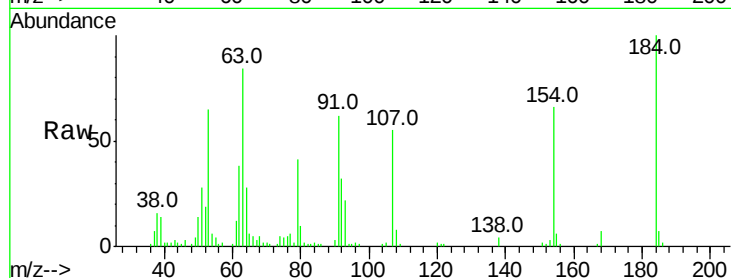
63 83.6 28.4 42.6#

154 66.2 44.3 66.5

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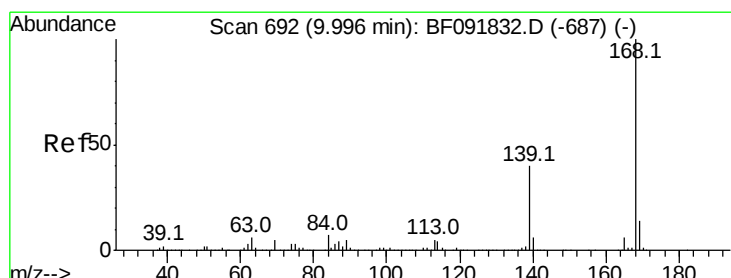
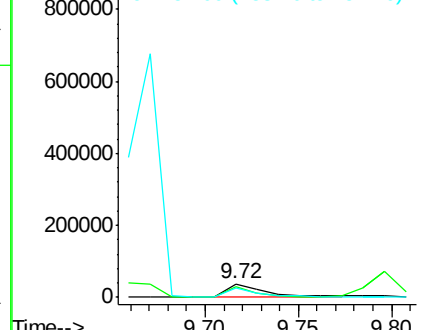
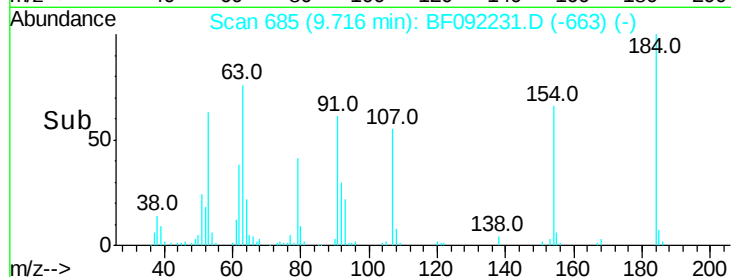
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 38.50 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

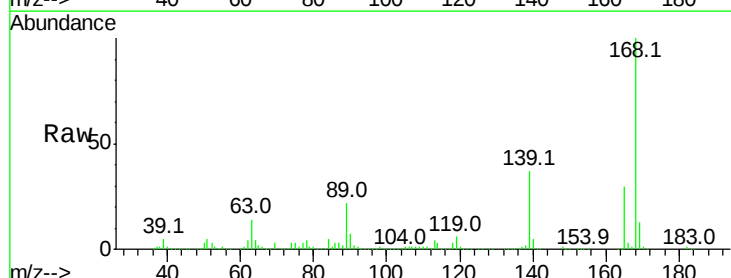
Tgt Ion:168 Resp: 1022964

Ion Ratio Lower Upper

168 100

139 36.7 32.6 49.0

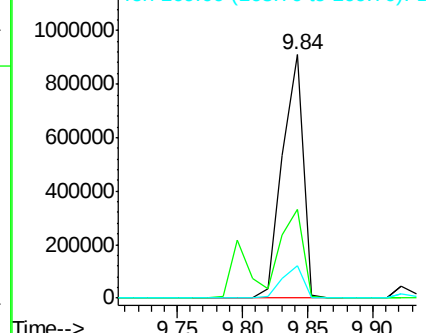
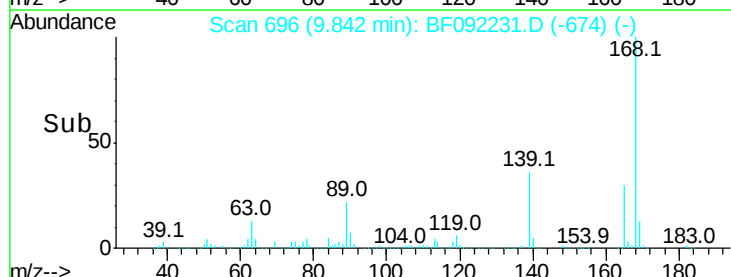
169 13.1 11.3 16.9

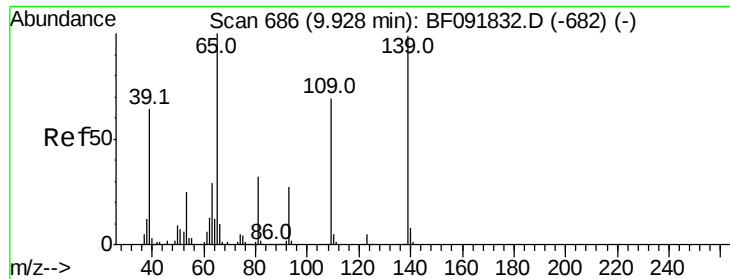


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 55.32 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

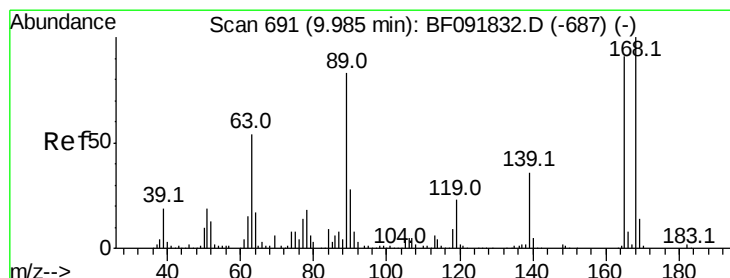
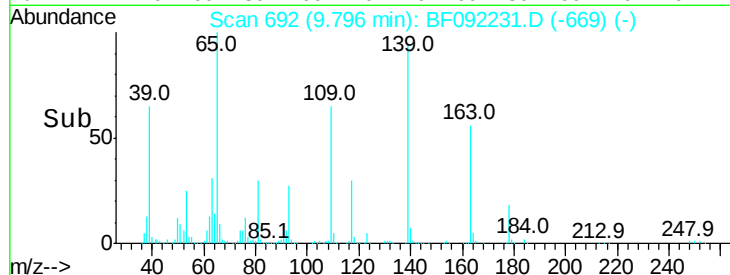
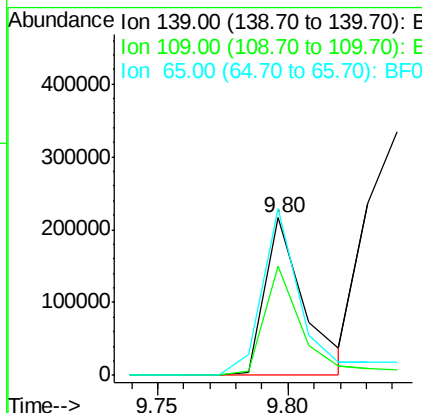
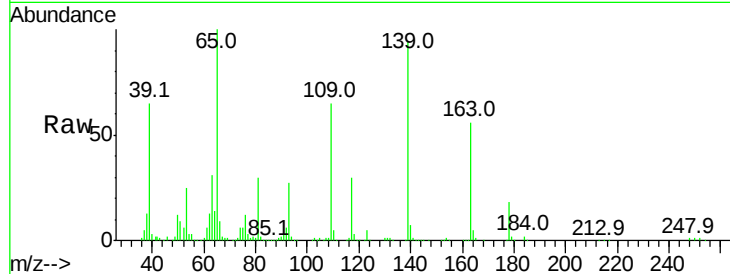
ClientSampled :

SW-001MS

Tot Ion:	139	Resp:	226432
Ion Ratio	Lower	Upper	
139	100		
109	69.3	52.2	92.2
65	106.3	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 41.68 ng

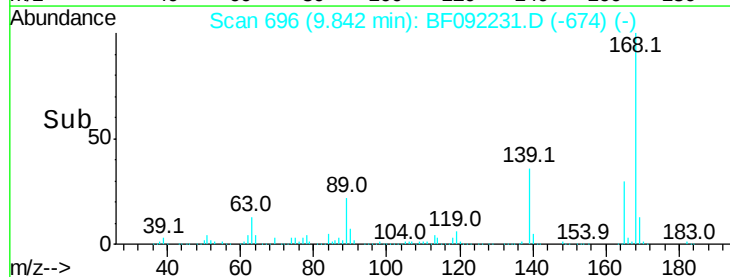
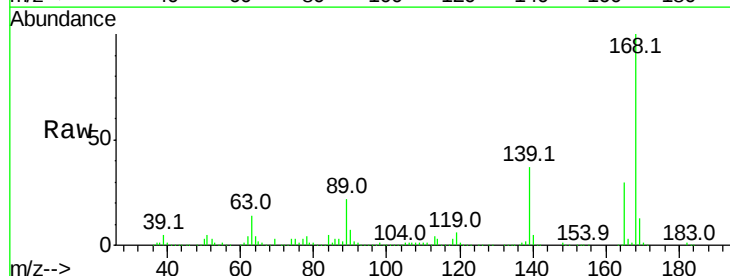
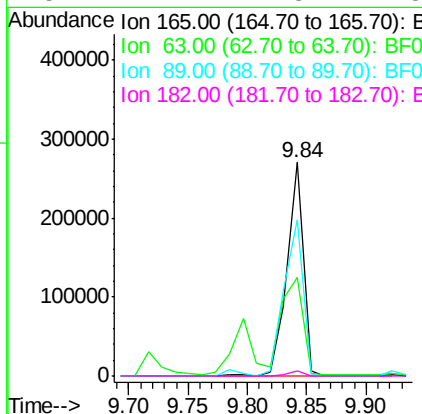
RT: 9.84 min Scan# 696

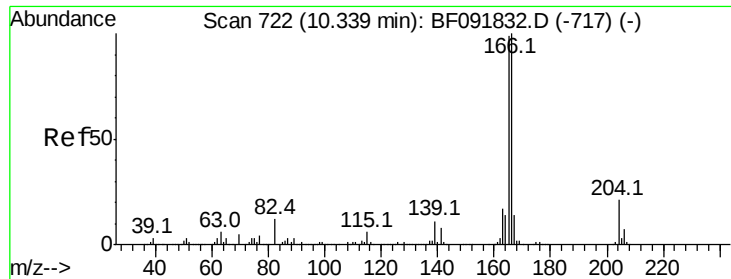
Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:	165	Resp:	254831
Ion Ratio	Lower	Upper	
165	100		
63	46.4	40.2	60.4
89	72.9	62.5	93.7
182	2.2	1.8	2.8





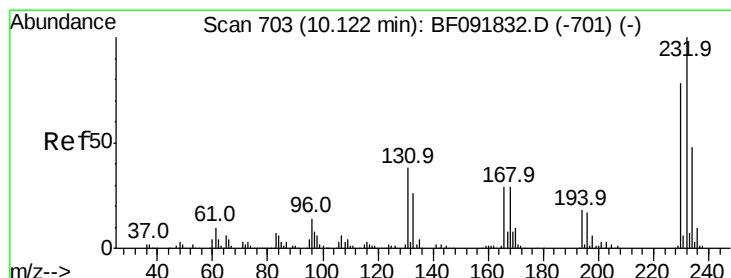
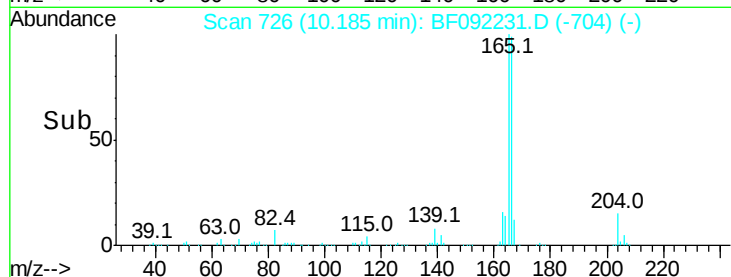
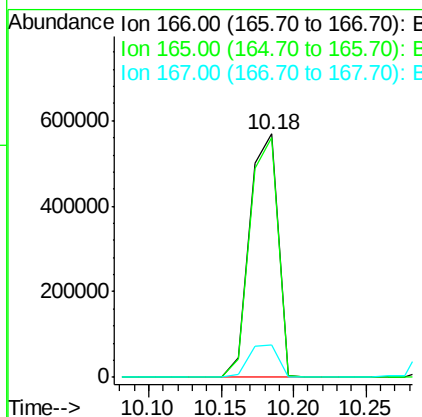
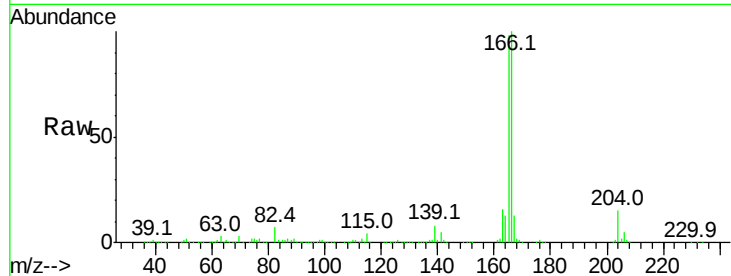
#57
Fluorene
 Concen: 39.77 ng
 RT: 10.18 min Scan# 726
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	768818		
165	98.3		77.8	116.8
167	13.1		10.8	16.2

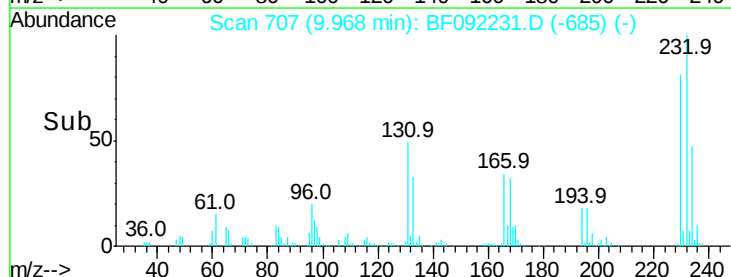
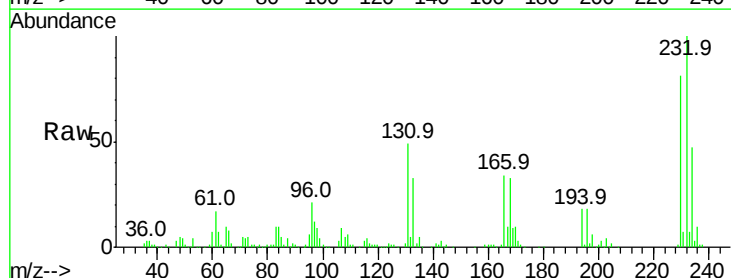
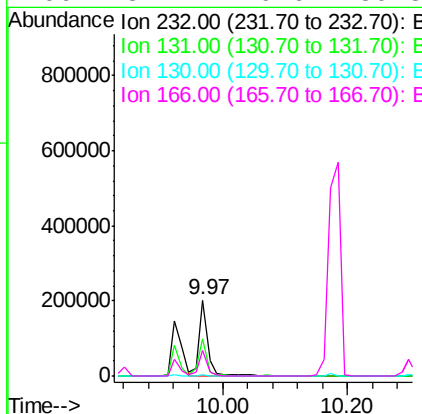
Manual Integrations
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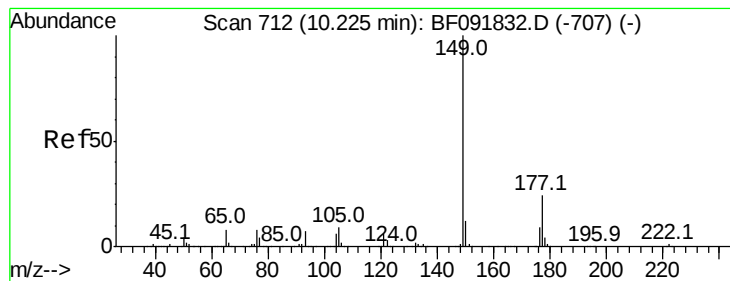
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.80 ng
 RT: 9.97 min Scan# 707
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	199206		
131	47.4		40.1	60.1
130	2.2		1.8	2.8
166	31.1		26.6	39.8





#59

Diethylphthalate

Concen: 40.87 ng

RT: 10.07 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

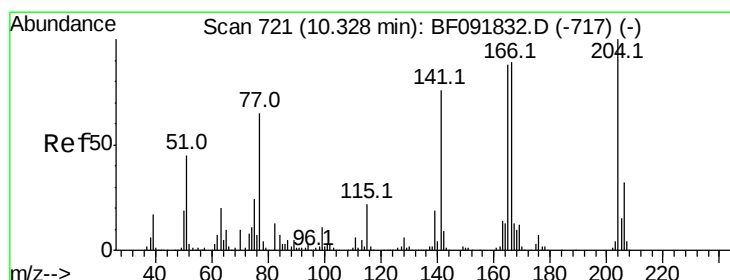
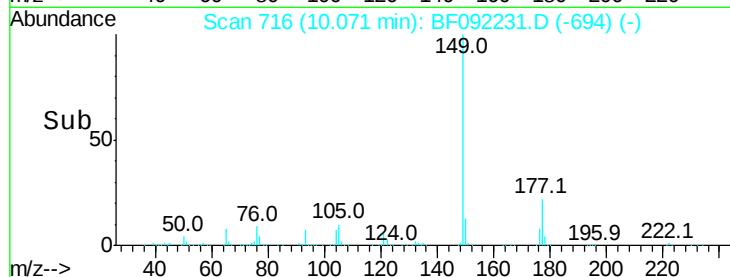
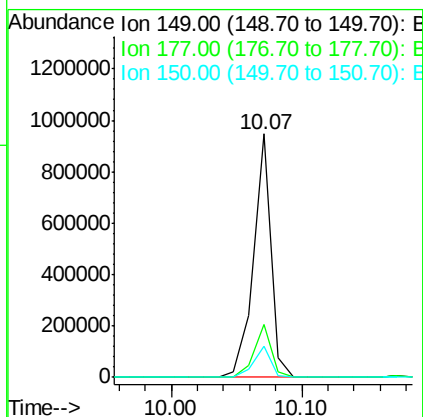
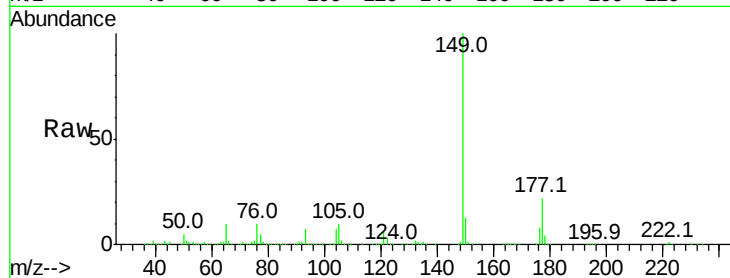
ClientSampleId :

SW-001MS

Tot Ion:	149	Resp:	883443
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.6	25.0
150	12.7	10.4	15.6

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 38.24 ng

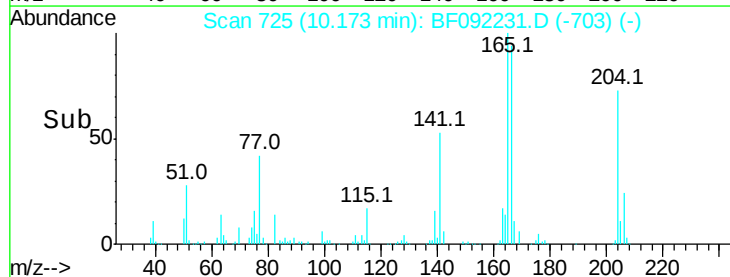
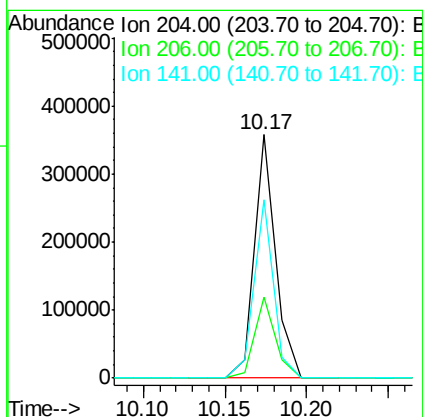
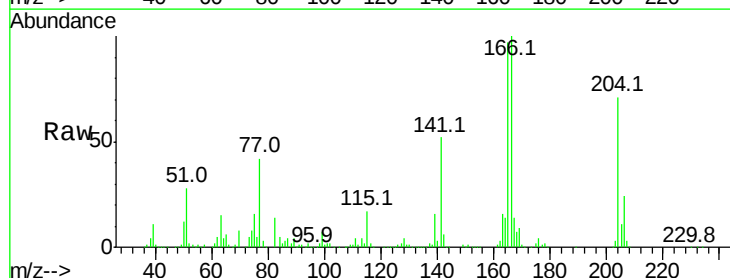
RT: 10.17 min Scan# 725

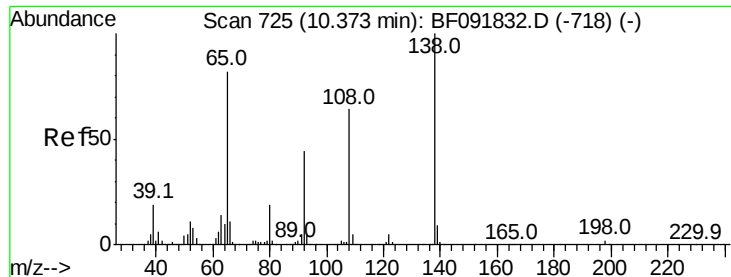
Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:	204	Resp:	323675
Ion Ratio	Lower	Upper	
204	100		
206	33.3	25.8	38.6
141	73.2	59.4	89.0





#61

4-Nitroaniline

Concen: 29.96 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

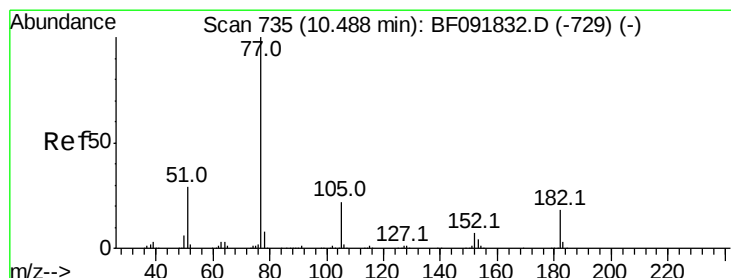
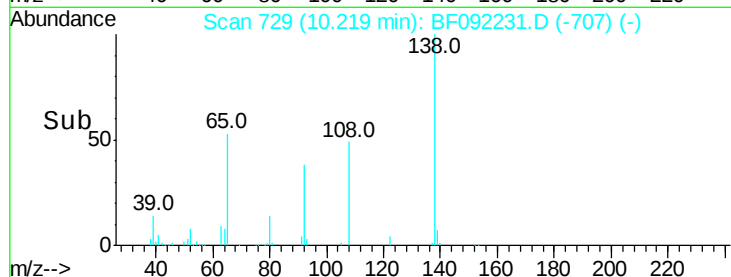
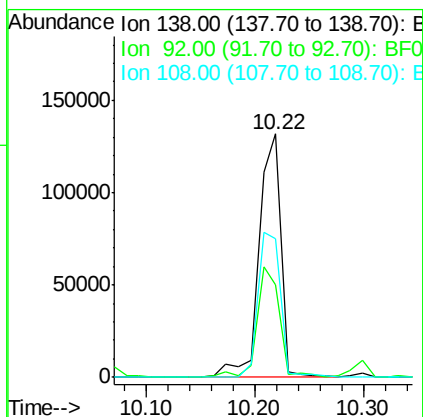
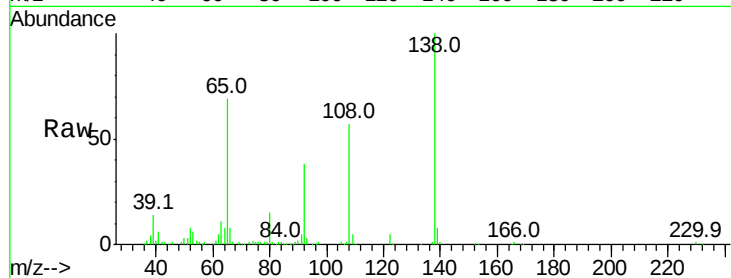
ClientSampleId :

SW-001MS

Tot Ion:	138	Resp:	187165
Ion Ratio	Lower	Upper	
138	100		
92	38.2	31.7	71.7
108	56.9	52.6	92.6

Manual Integrations
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Sohil
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#62

Azobenzene

Concen: 38.78 ng

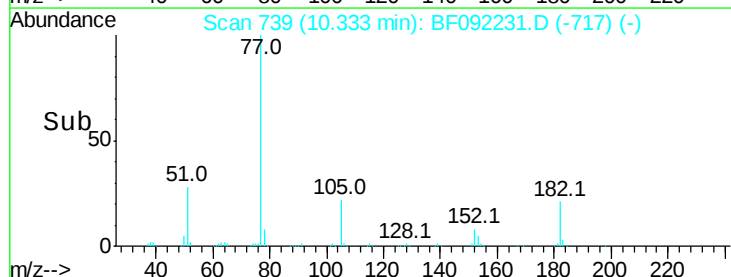
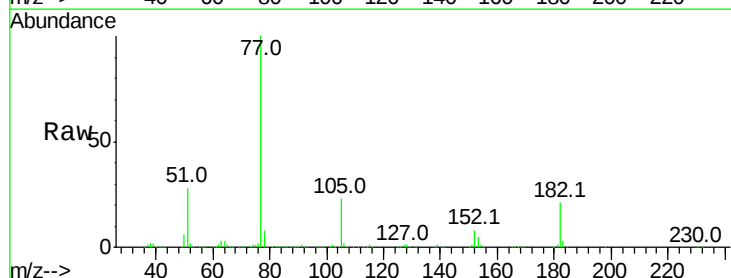
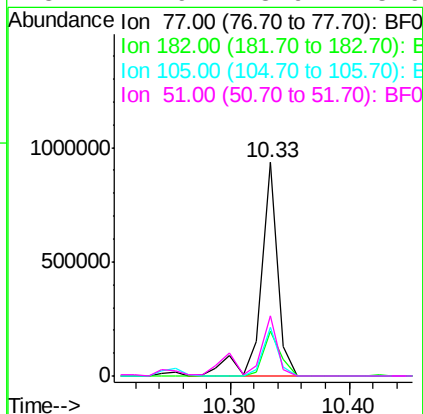
RT: 10.33 min Scan# 739

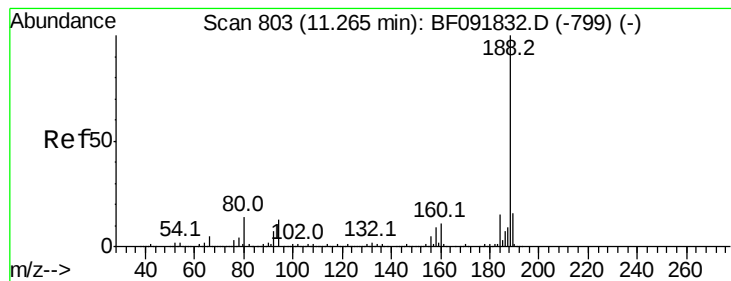
Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:	77	Resp:	922772
Ion Ratio	Lower	Upper	
77	100		
182	21.1	0.0	39.3
105	22.9	2.3	42.3
51	27.9	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 807

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tot Ion:188 Resp: 486795

Ion Ratio Lower Upper

188 100

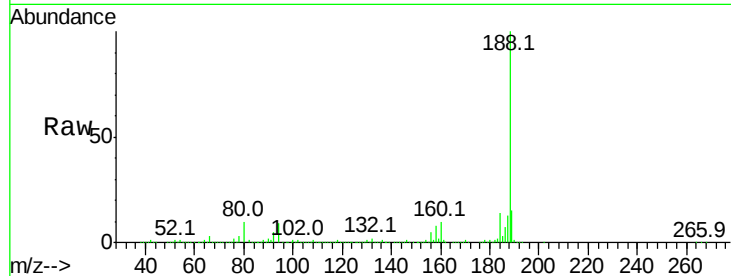
94 8.8 10.0 15.0#

80 10.1 11.2 16.8#

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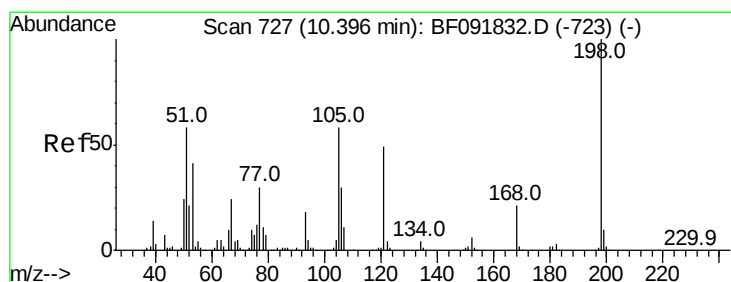
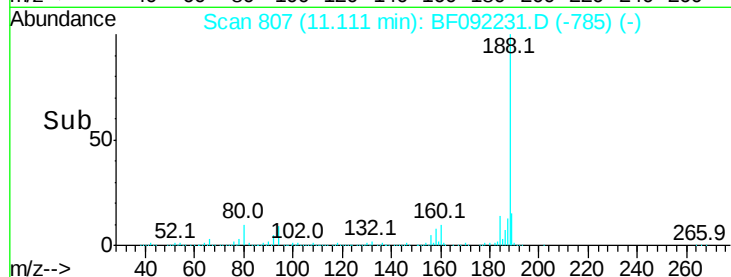
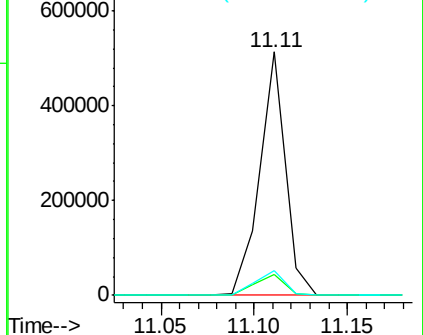
1/13/2017 11:07:15 AM



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



#64

4,6-Dinitro-2-methylphenol

Concen: 30.79 ng

RT: 10.25 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

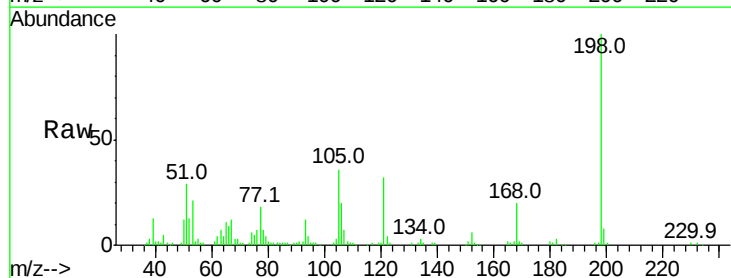
Tgt Ion:198 Resp: 90639

Ion Ratio Lower Upper

198 100

51 28.5 6.7 46.7

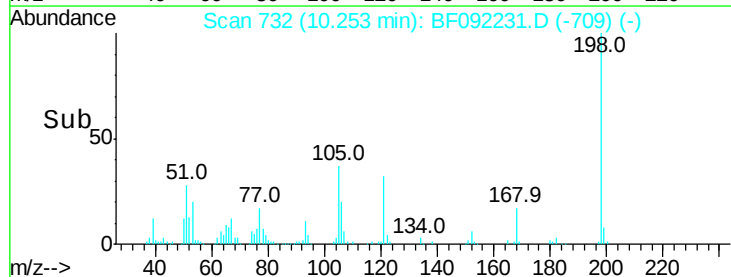
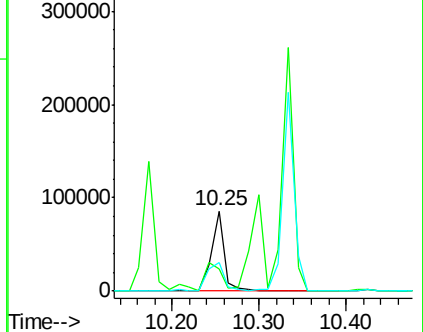
105 36.4 16.6 56.6

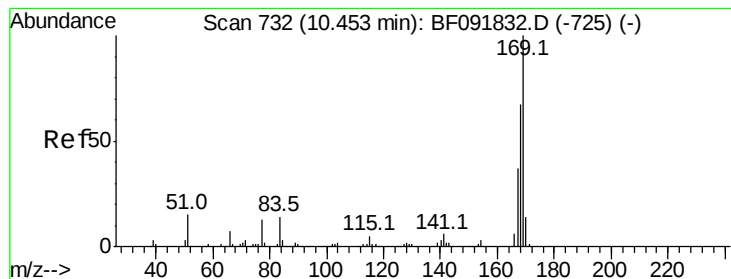


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





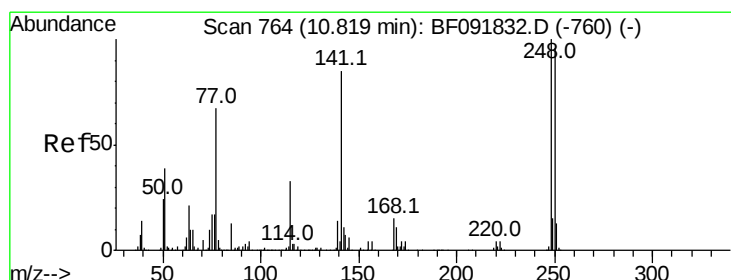
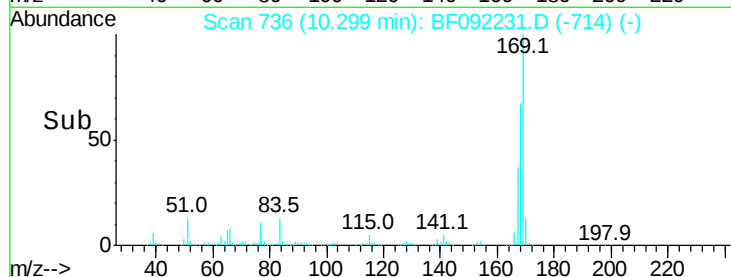
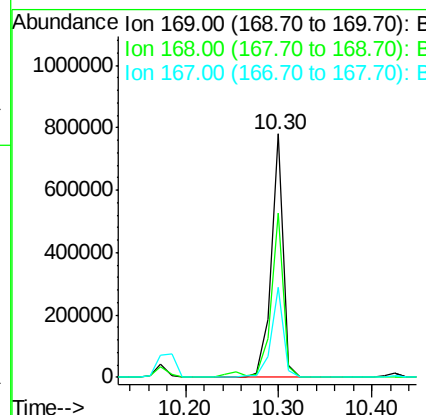
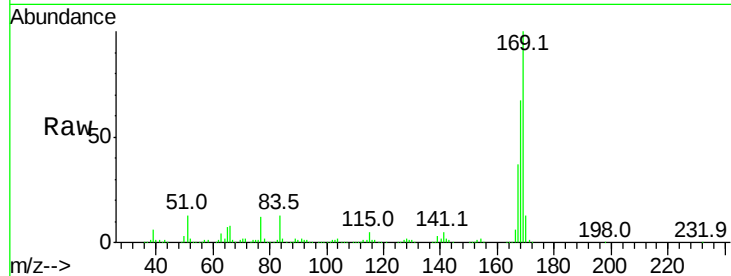
#65
n-Nitrosodiphenylamine
Concen: 48.60 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampled :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	702011		
168	67.3		54.2	81.2
167	37.1		30.2	45.4

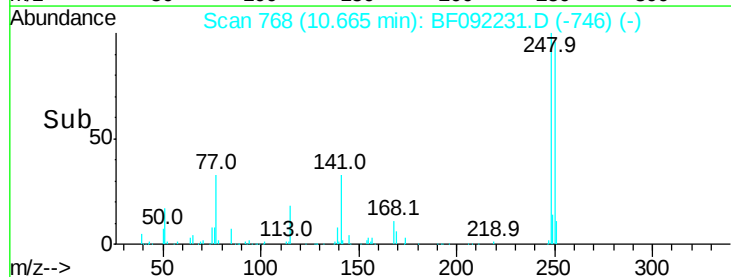
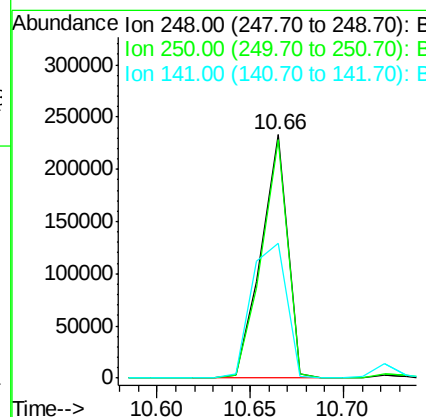
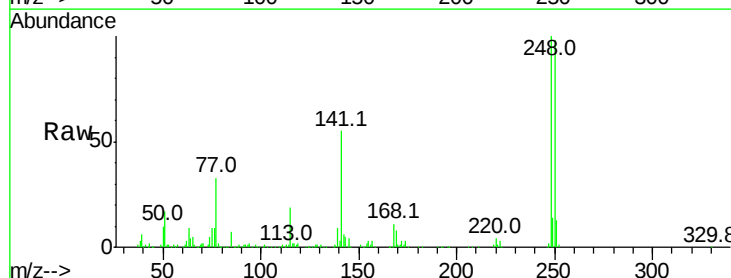
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 44.93 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	227504		
250	98.1		76.9	115.3
141	55.5		68.2	102.4#





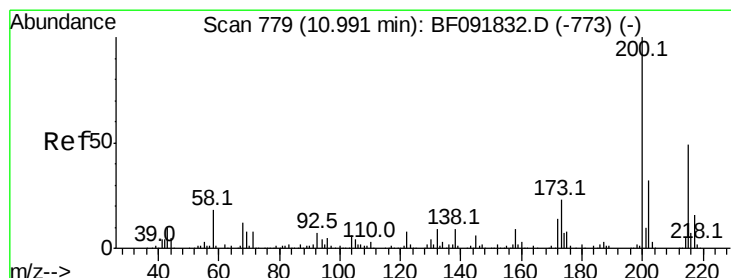
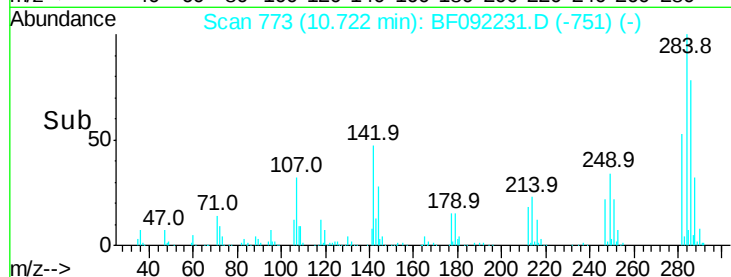
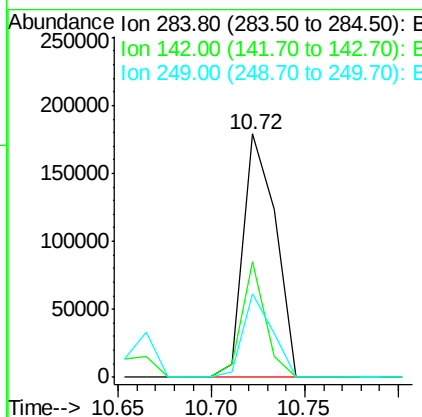
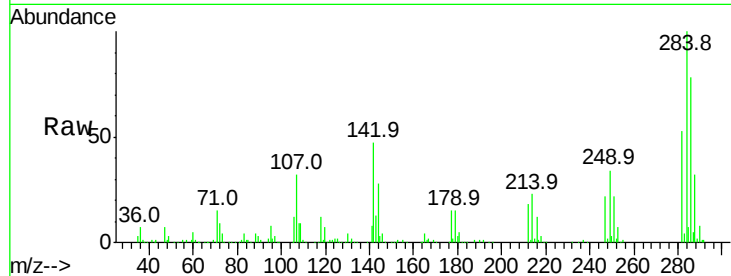
#67
Hexachlorobenzene
Concen: 39.66 ng
RT: 10.72 min Scan# 773
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	214661		
142	47.5	22.6	33.8#	
249	34.3	25.4	38.0	

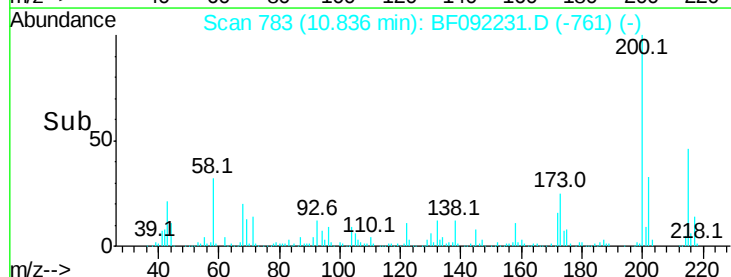
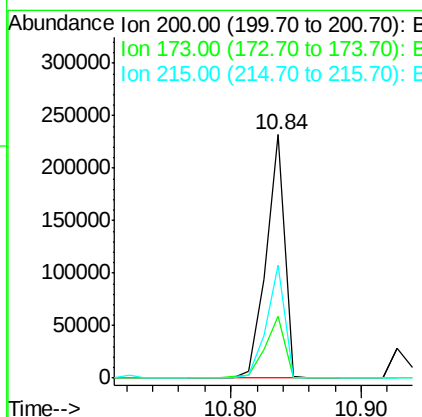
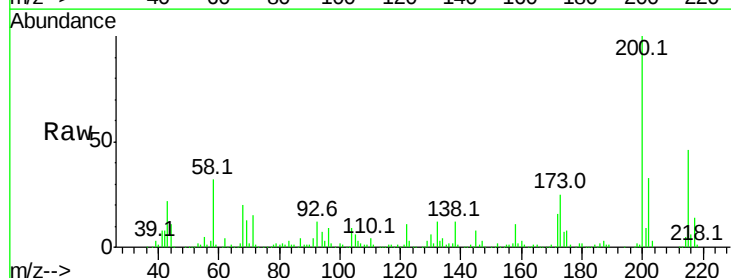
Manual Integrations
APPROVED

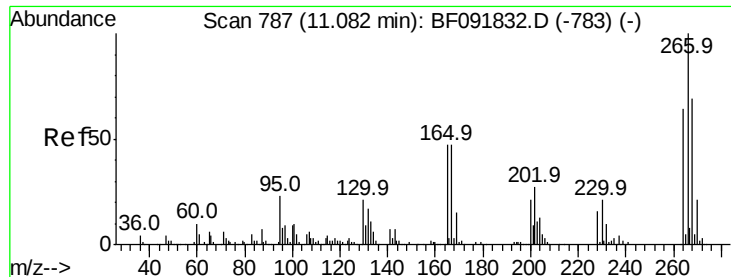
Sohil
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#68
Atrazine
Concen: 49.35 ng
RT: 10.84 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	229954		
173	25.5	9.6	49.6	
215	46.5	25.7	65.7	





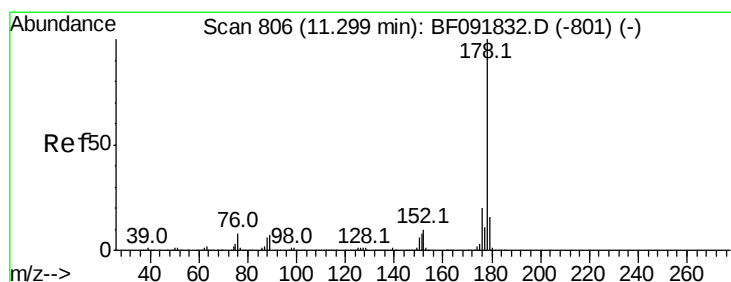
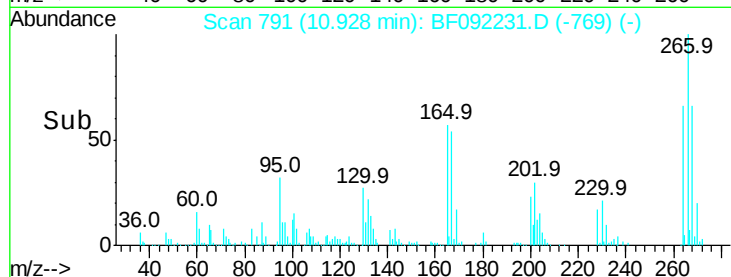
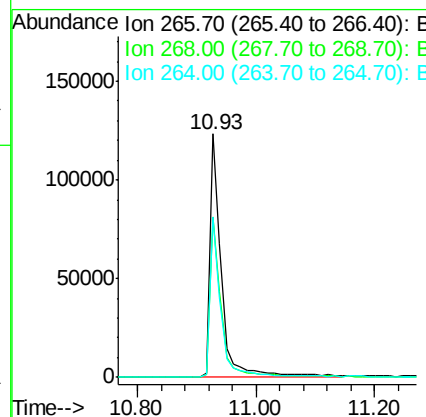
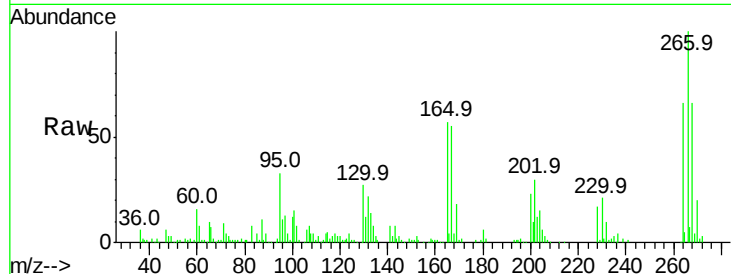
#69
 Pentachlorophenol
 Concen: 63.65 ng
 RT: 10.93 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	169052		
268	65.9	53.3	79.9	
264	65.9	50.3	75.5	

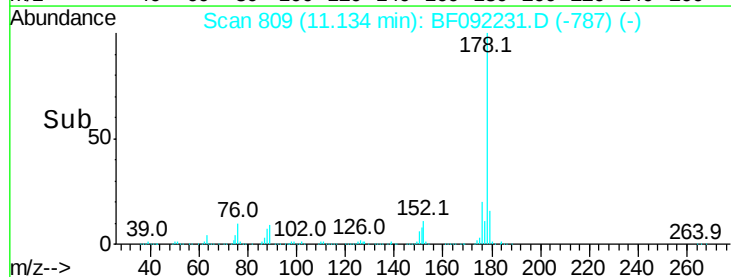
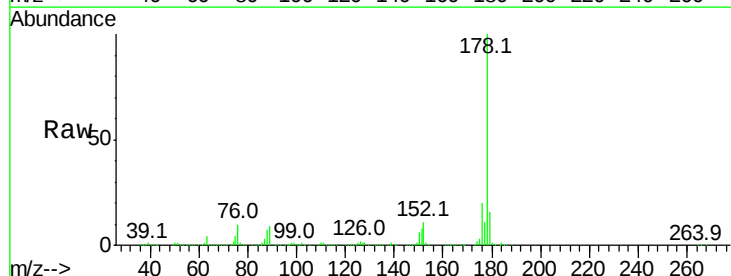
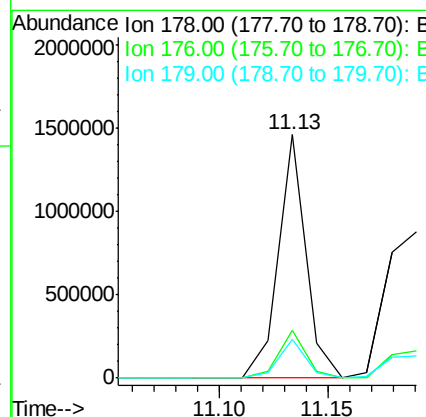
Manual Integrations
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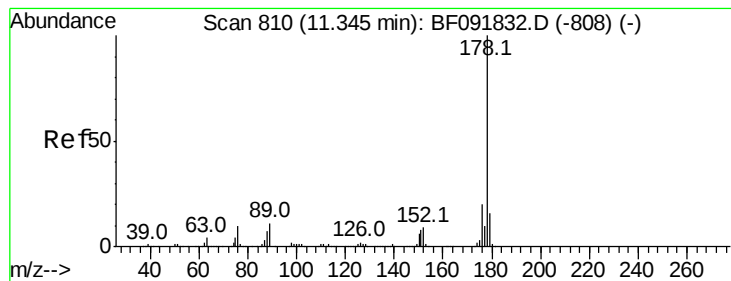
Sohil
 1/13/2017 11:07:15 AM



#70
 Phenanthrene
 Concen: 49.40 ng
 RT: 11.13 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1303971		
176	19.7	16.6	25.0	
179	15.9	12.8	19.2	





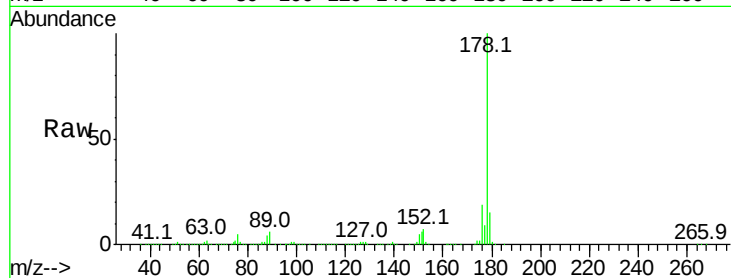
#71
 Anthracene
 Concen: 51.88 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

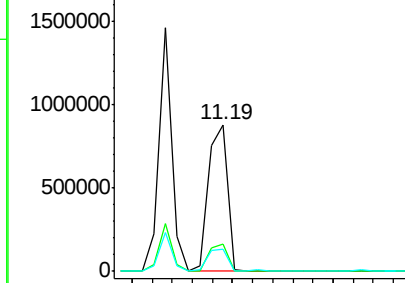
Tot Ion:178 Resp: 1150932
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.9 23.9
 179 15.5 13.2 19.8

Manual Integrations
 APPROVED

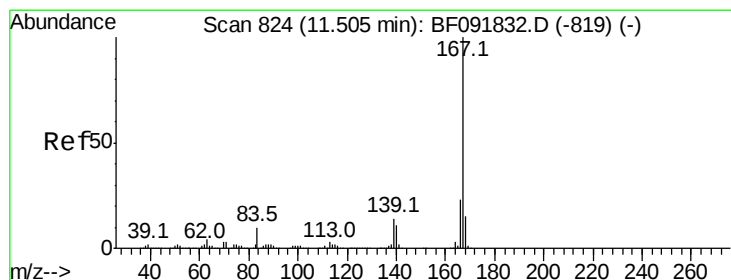
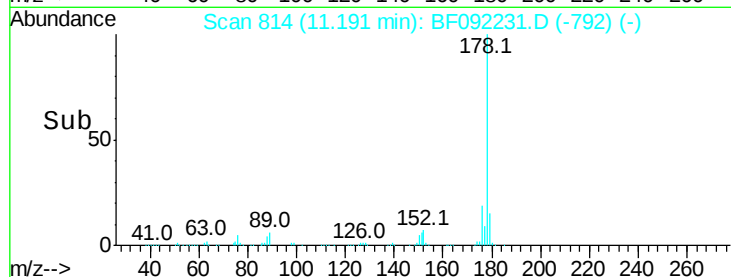
Sohil
 1/13/2017 11:07:15 AM



Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

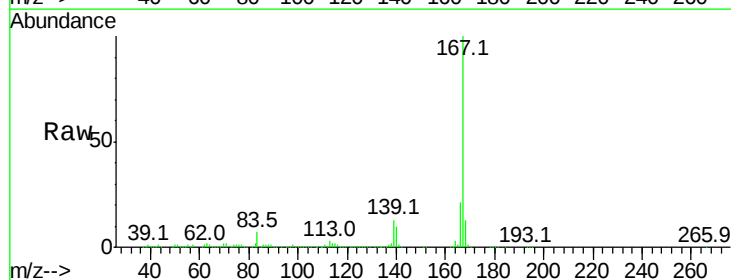


Time-->

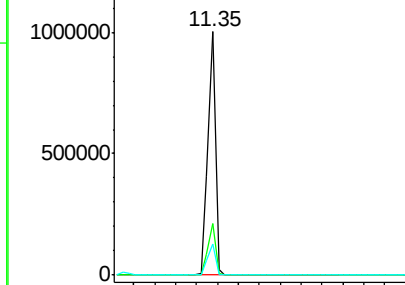


#72
 Carbazole
 Concen: 46.17 ng
 RT: 11.35 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

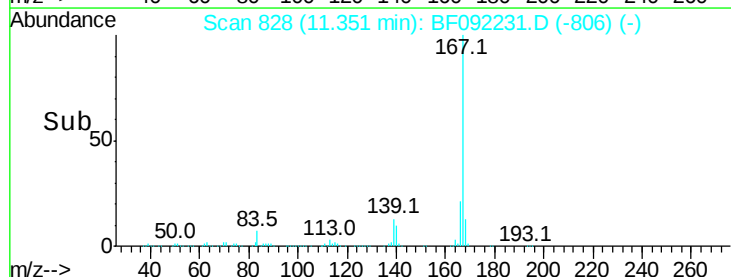
Tgt Ion:167 Resp: 992019
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.2 27.2
 139 12.7 11.4 17.2

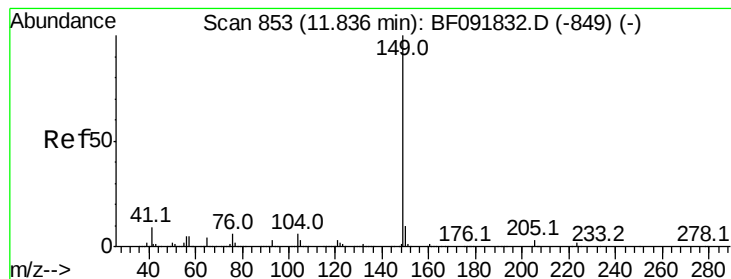


Abundance Ion 167.00 (166.70 to 167.70): E
 1000000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





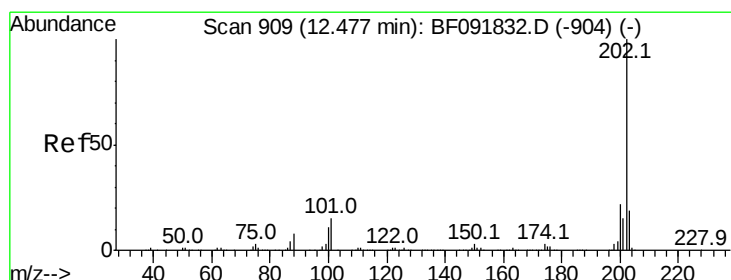
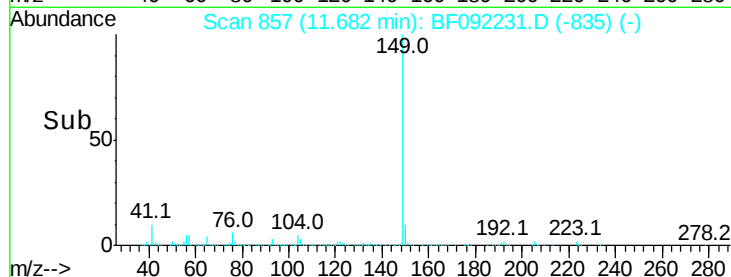
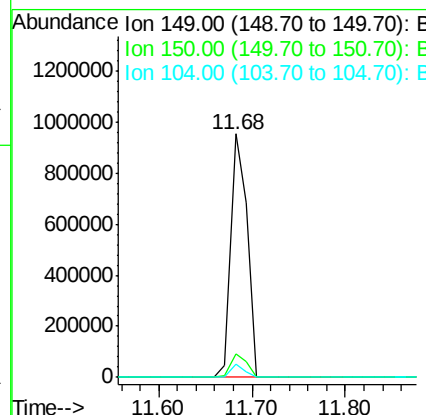
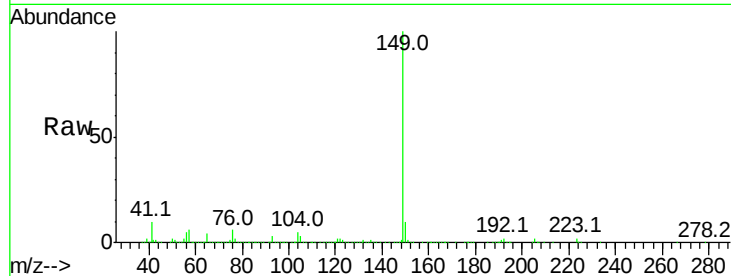
#73
Di-n-butylphthalate
Concen: 46.55 ng
RT: 11.68 min Scan# 857
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	5.4	4.6	7.0

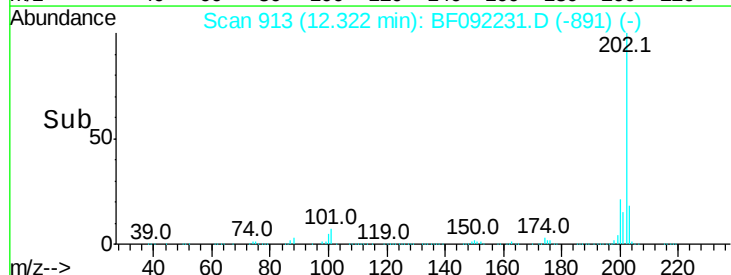
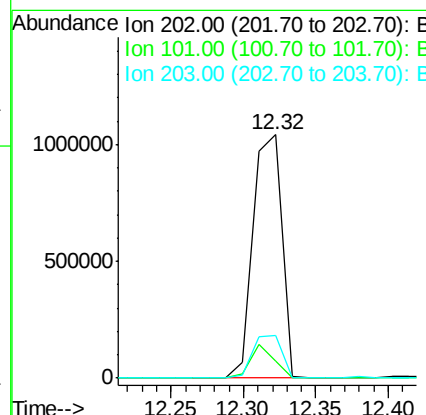
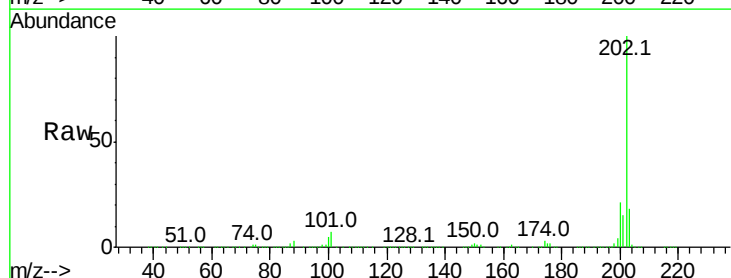
Manual Integrations
APPROVED

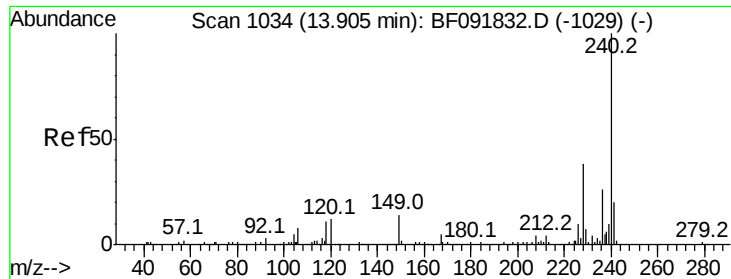
Sohil
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#74
Fluoranthene
Concen: 63.68 ng
RT: 12.32 min Scan# 913
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	34.6
203	17.6	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

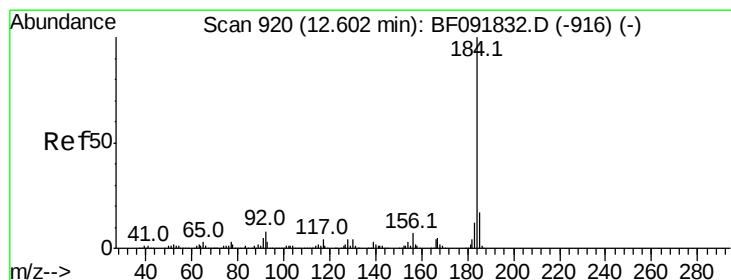
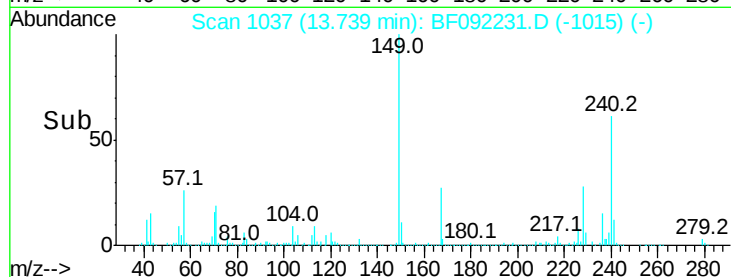
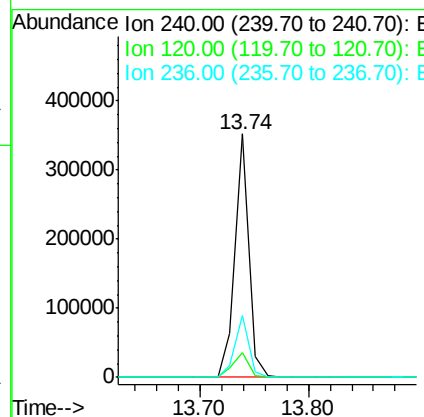
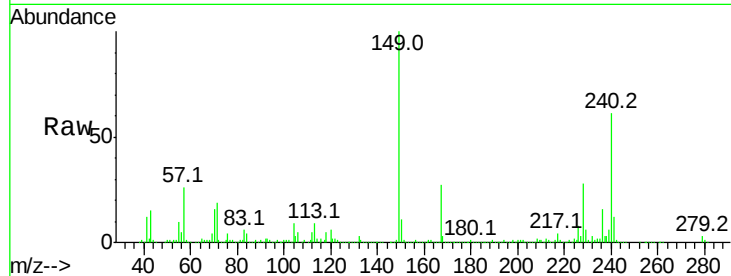
ClientSampleId :

SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.9	12.9	19.3	
236	25.4	20.9	31.3	

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#76

Benzidine

Concen: 17.58 ng

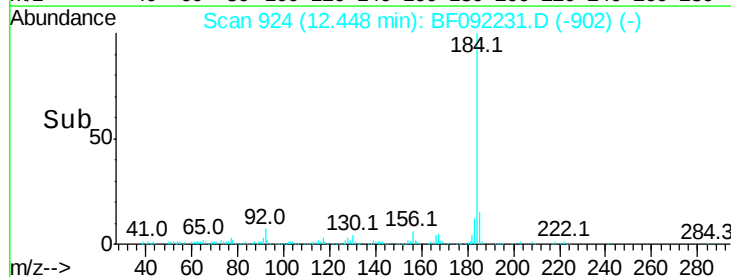
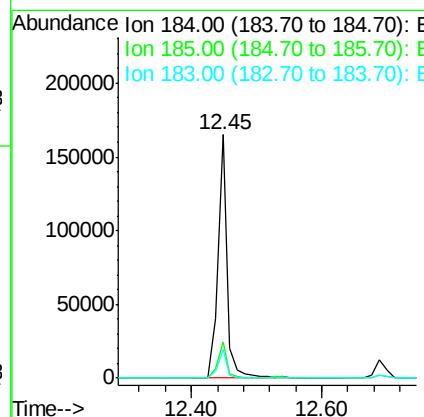
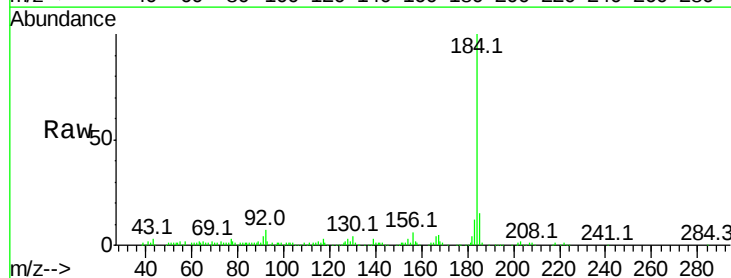
RT: 12.45 min Scan# 924

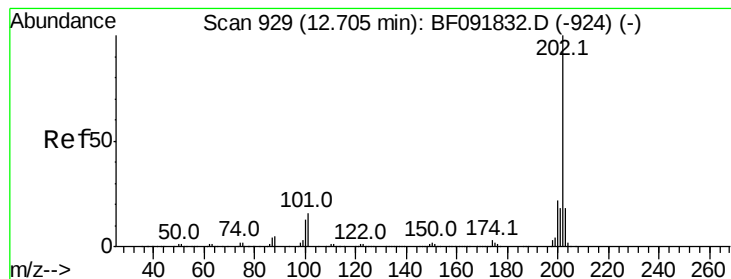
Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.7	13.4	20.0	
183	11.6	9.2	13.8	





#77

Pvrene

Concen: 53.67 ng

RT: 12.54 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tot Ion:202 Resp: 1220698

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

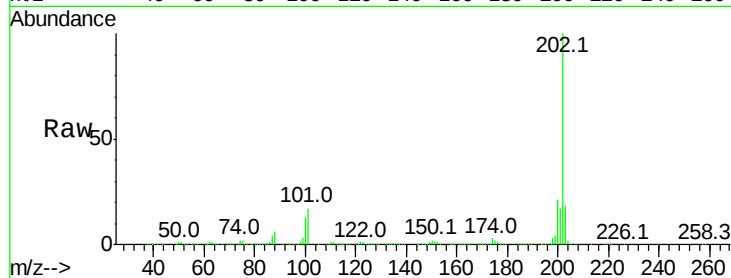
203 18.4 14.7 22.1

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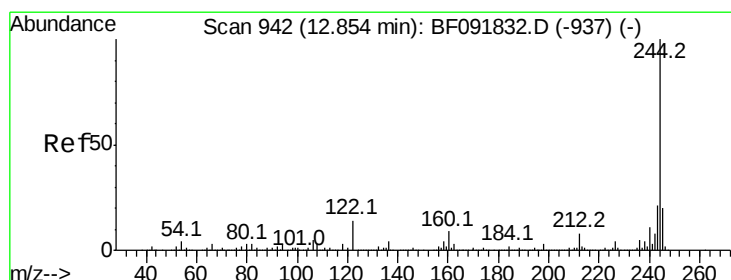
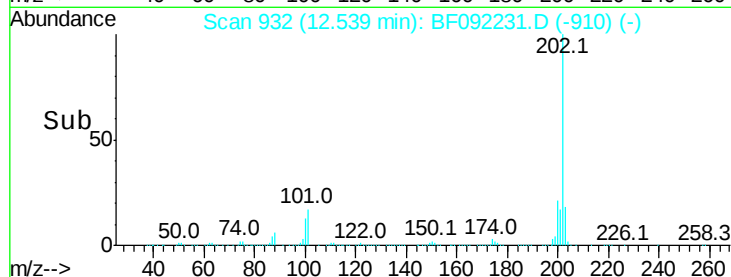
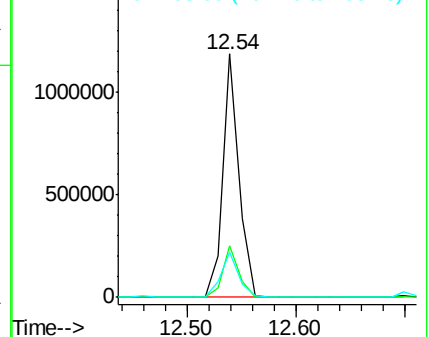
1/13/2017 11:07:15 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.13 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.06 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

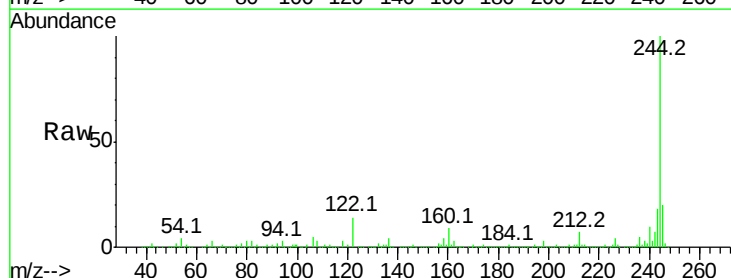
Tgt Ion:244 Resp: 1037056

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

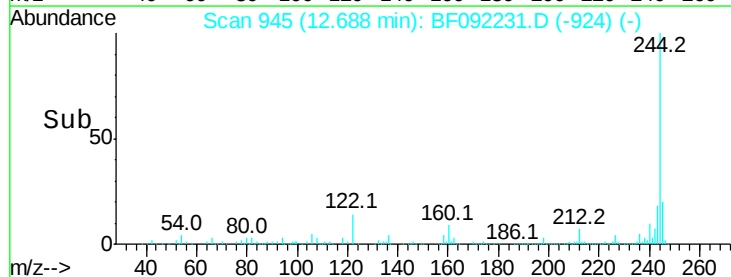
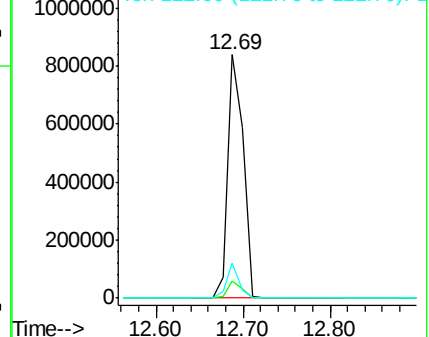
122 14.5 11.4 17.2

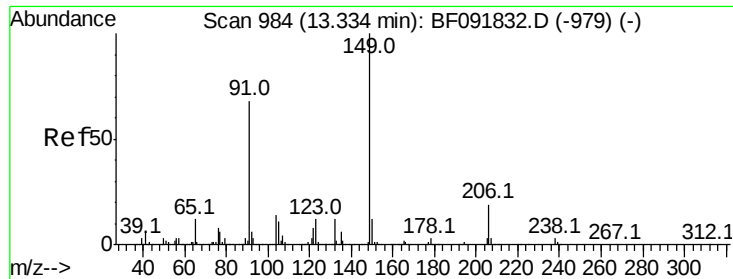


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





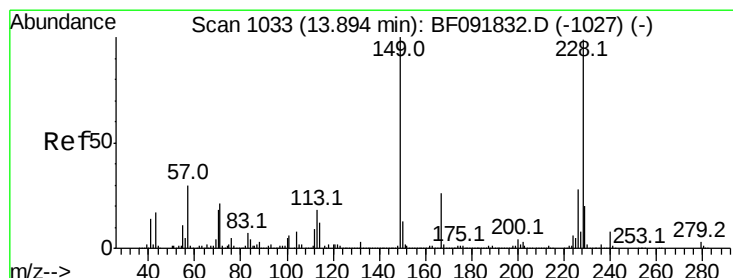
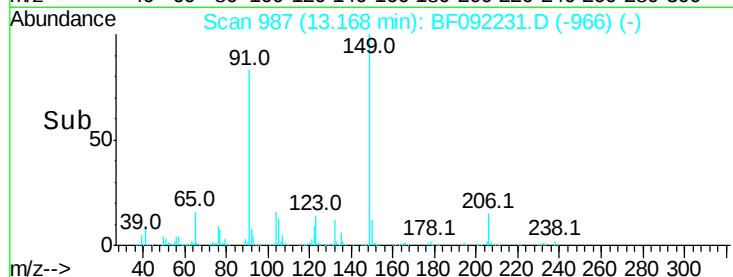
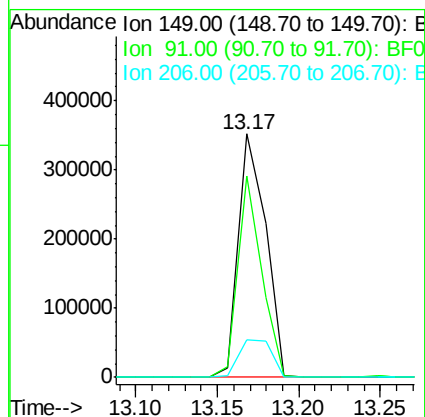
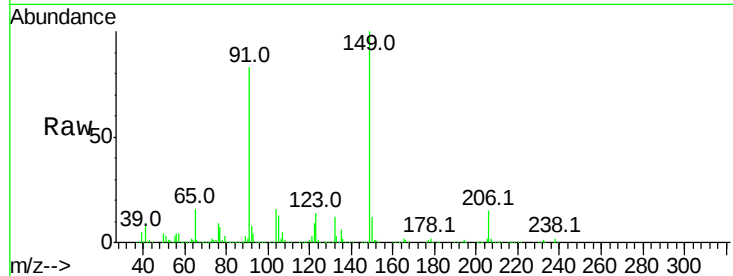
#79
Butylbenzylphthalate
Concen: 39.33 ng
RT: 13.17 min Scan# 987
Delta R.T. -0.06 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	406872		
91	82.9	63.9	95.9	
206	15.3	14.6	21.8	

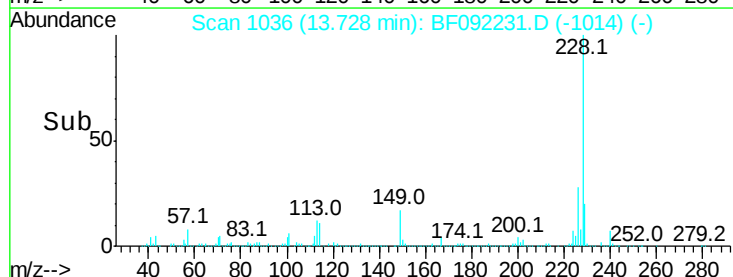
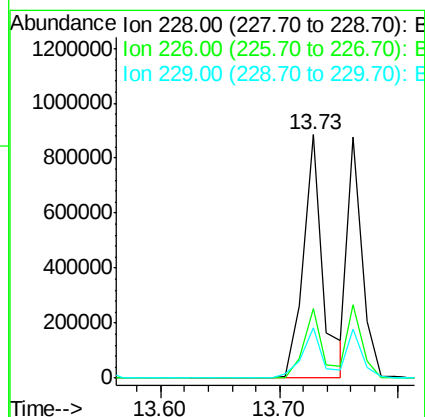
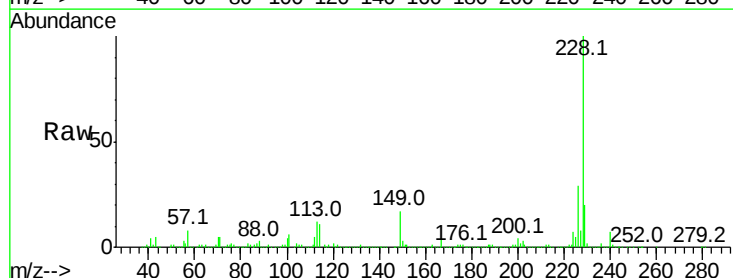
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#80
Benzo(a)anthracene
Concen: 56.99 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	997285		
226	28.5	22.4	33.6	
229	20.4	16.2	24.4	





#81

3,3'-Dichlorobenzidine

Concen: 26.21 ng

RT: 13.69 min Scan# 1033

Delta R.T. -0.06 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

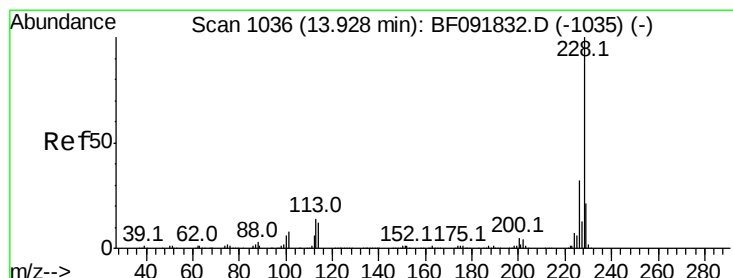
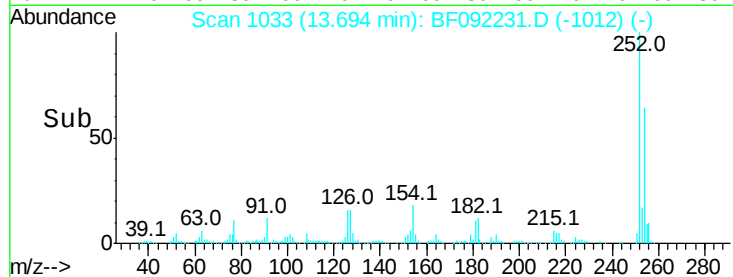
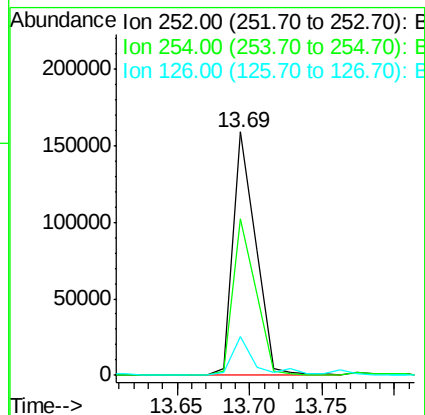
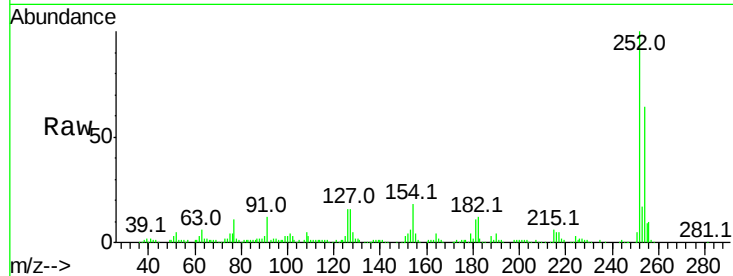
ClientSampleId :

SW-001MS

Tot Ion:	252	Resp:	173902
Ion Ratio	Lower	Upper	
252	100		
254	64.2	52.3	78.5
126	16.0	13.6	20.4

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#82

Chrysene

Concen: 42.64 ng

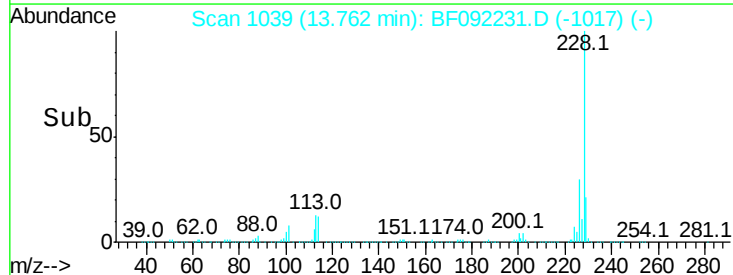
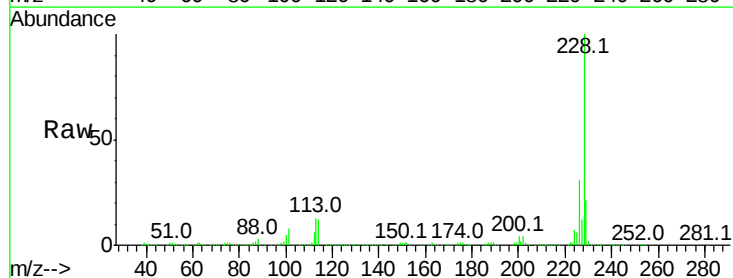
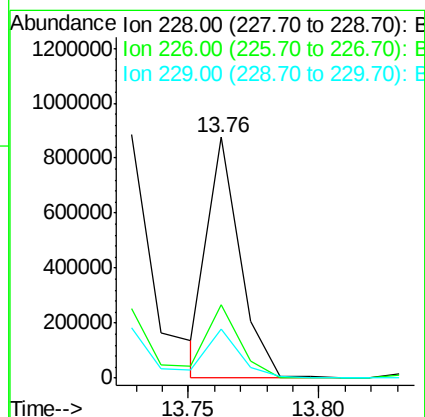
RT: 13.76 min Scan# 1039

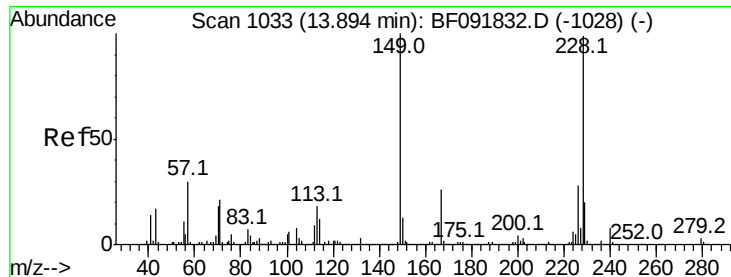
Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:	228	Resp:	748539
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.4	38.0
229	20.6	16.2	24.2





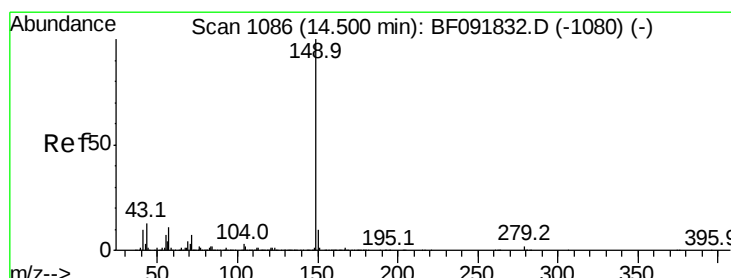
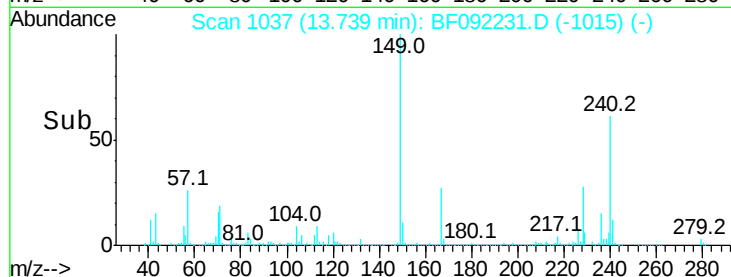
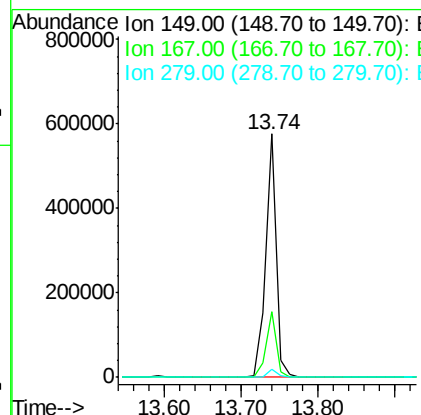
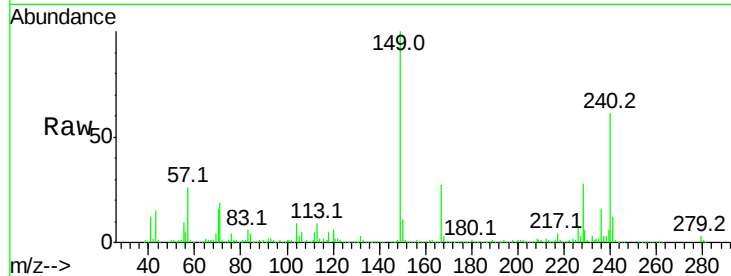
#83
Bis(2-ethylhexyl)phthalate
Concen: 43.86 ng
RT: 13.74 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	534294		
167	26.9	20.2	30.4	
279	3.2	1.8	2.8	

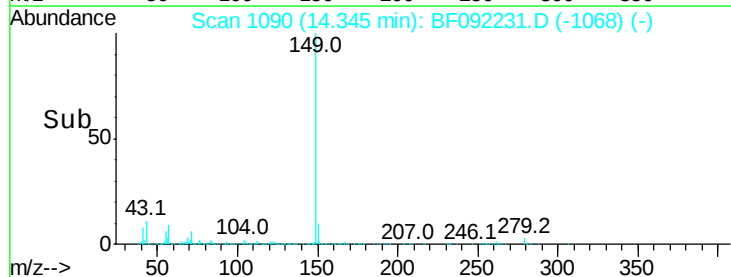
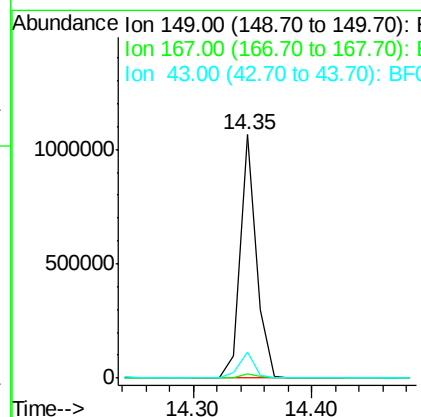
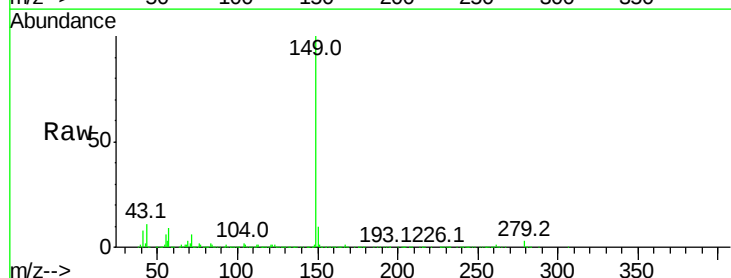
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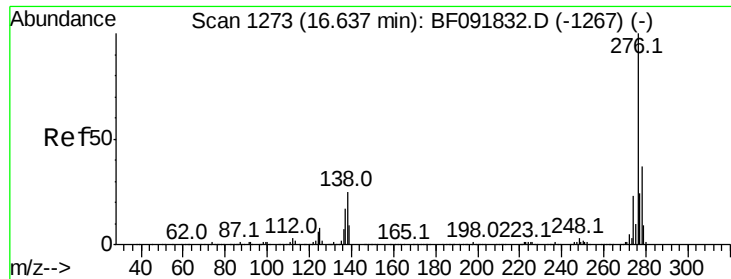
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#84
Di-n-octyl phthalate
Concen: 44.60 ng
RT: 14.35 min Scan# 1090
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1006453		
167	1.7	1.3	1.9	
43	10.1	8.9	13.3	





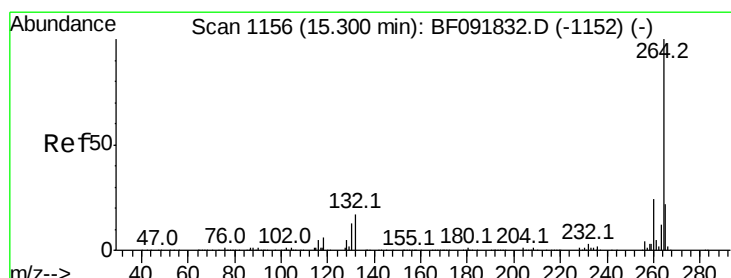
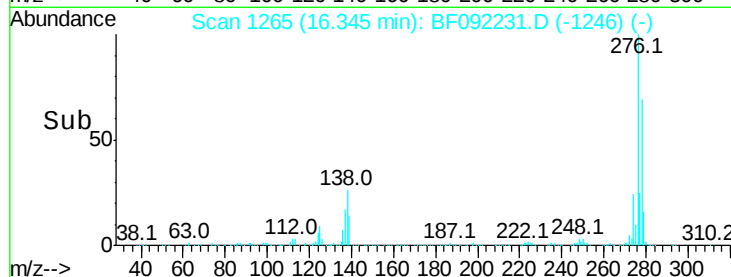
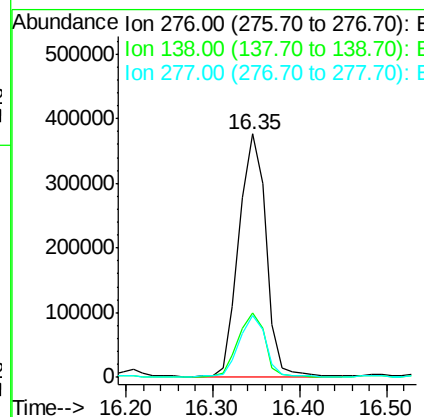
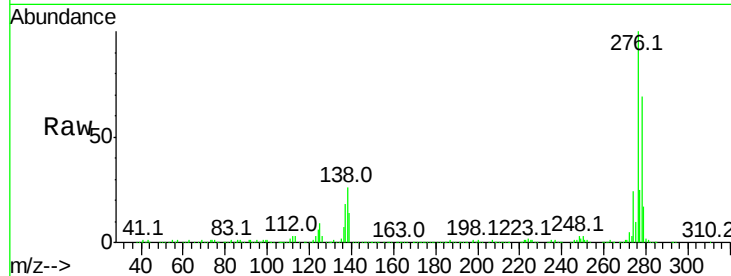
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.41 ng
RT: 16.35 min Scan# 1265
Delta R.T. -0.08 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.8	32.6
277	25.1	20.2	30.4

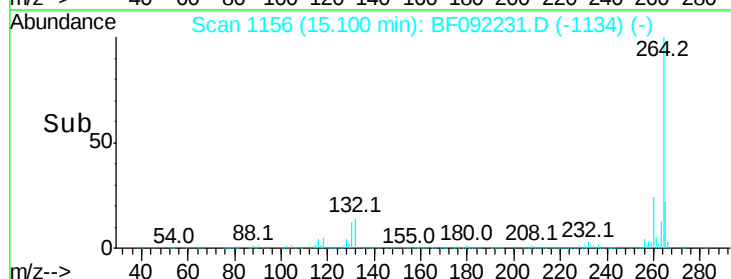
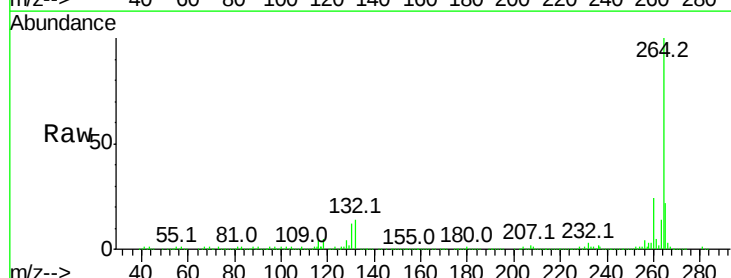
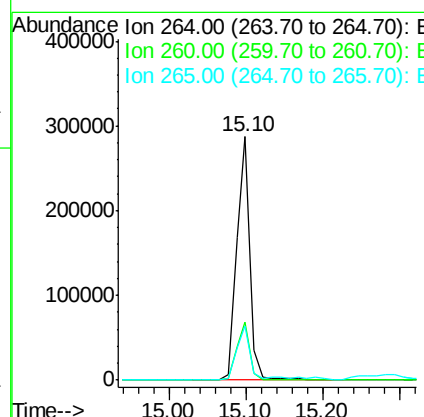
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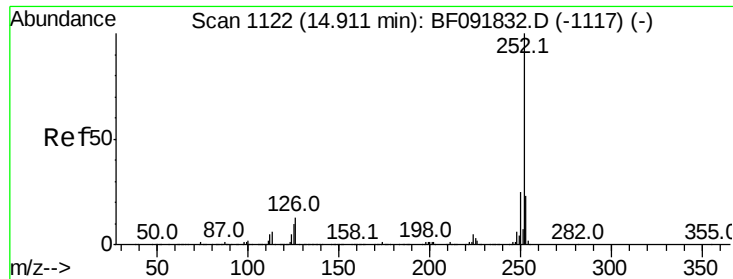
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1156
Delta R.T. -0.05 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 52.49 ng m

RT: 14.73 min Scan# 1124

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Instrument :

BNA_F

ClientSampleId :

SW-001MS

Tot Ion:252 Resp: 1147218

Ion Ratio Lower Upper

252 100

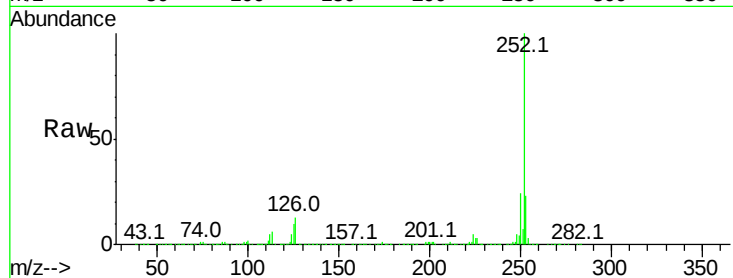
253 22.8 18.2 27.4

125 9.8 9.8 14.6

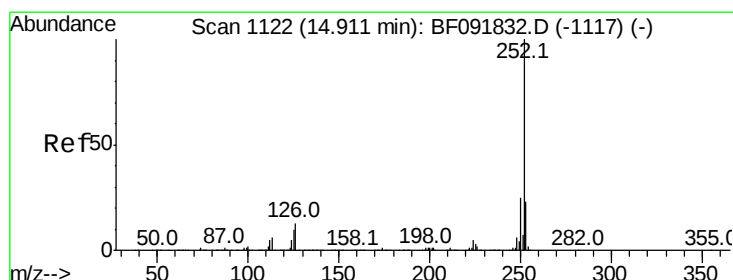
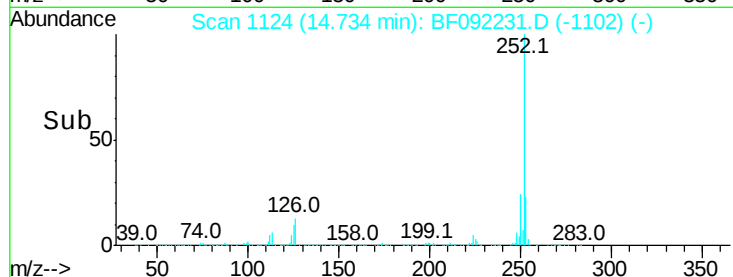
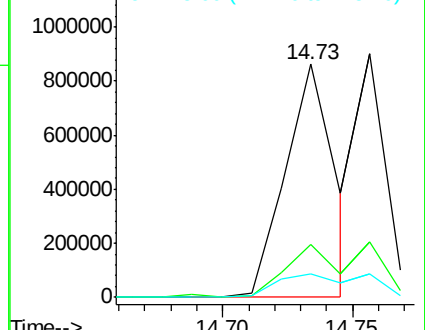
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.45 ng m

RT: 14.76 min Scan# 1126

Delta R.T. -0.05 min

Lab File: BF092231.D

Acq: 13 Jan 2017 3:20

Tgt Ion:252 Resp: 697943

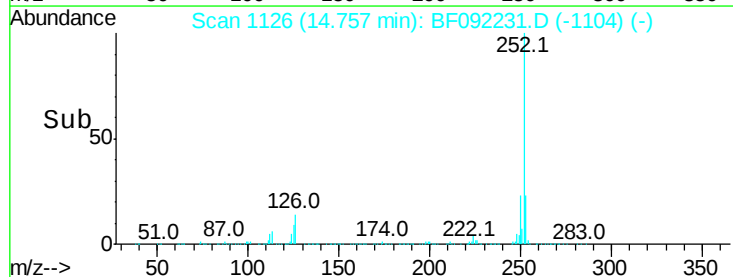
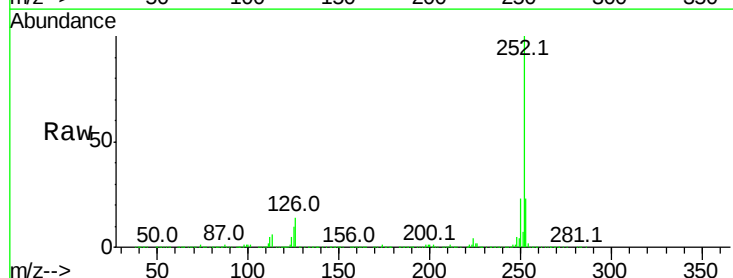
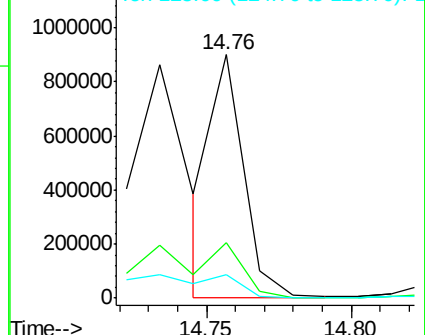
Ion Ratio Lower Upper

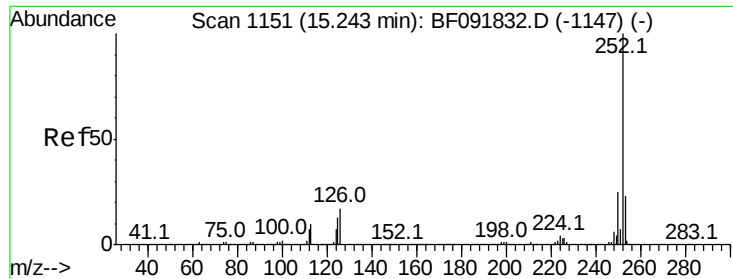
252 100

253 22.6 18.5 27.7

125 9.5 8.9 13.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





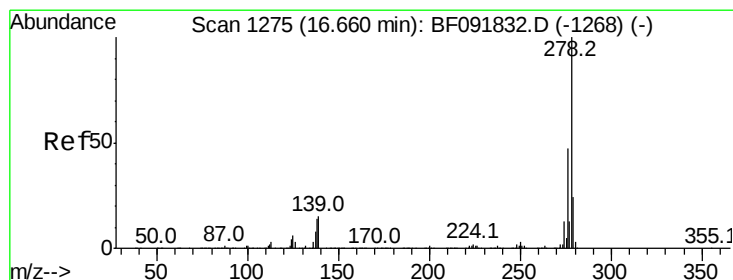
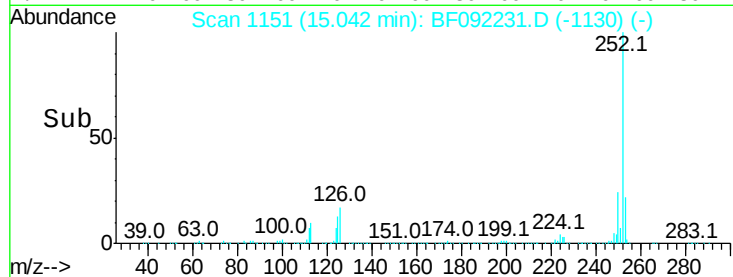
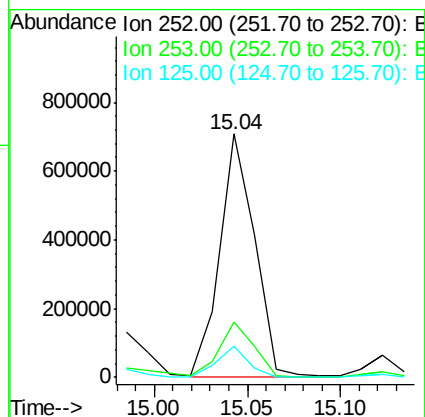
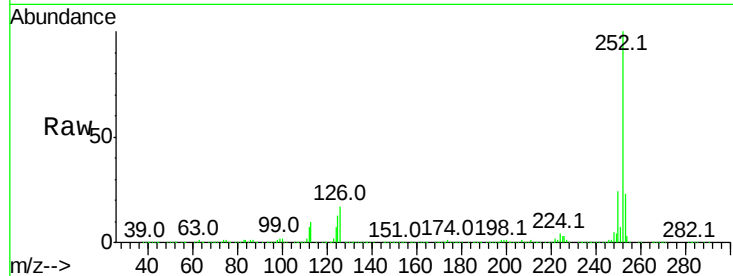
#89
Benzo(a)pyrene
Concen: 47.36 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
SW-001MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.0	10.0	15.0

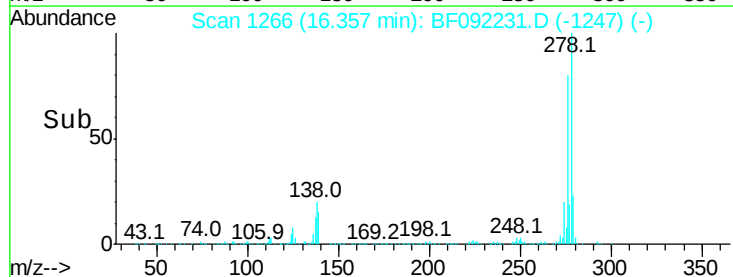
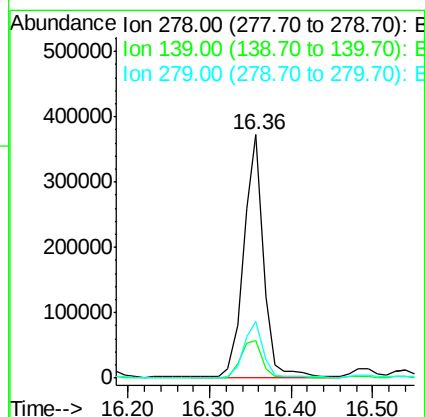
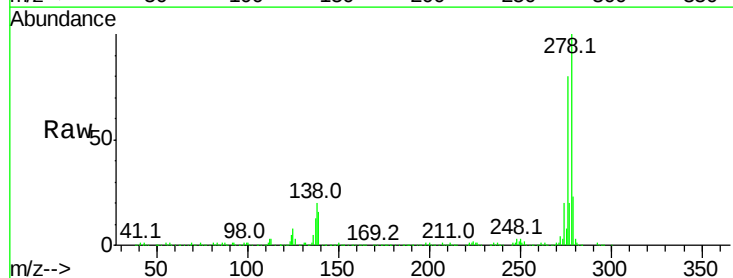
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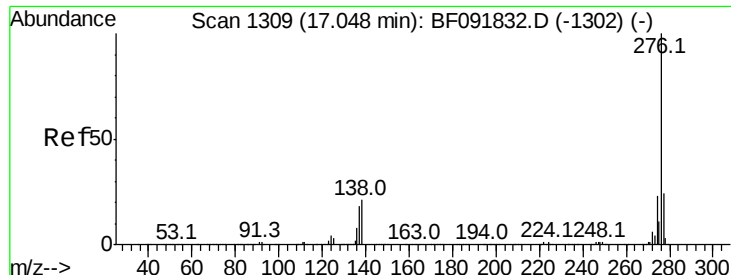
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#90
Dibenzo(a,h)anthracene
Concen: 39.23 ng
RT: 16.36 min Scan# 1266
Delta R.T. -0.08 min
Lab File: BF092231.D
Acq: 13 Jan 2017 3:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	14.8	22.2
279	23.4	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.47 ng
 RT: 16.71 min Scan# 1297
 Delta R.T. -0.09 min
 Lab File: BF092231.D
 Acq: 13 Jan 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	19.2	28.8
138	25.1	16.0	24.0

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