

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092232.D
 Acq On : 13 Jan 2017 3:49
 Operator : UM/SJ
 Sample : I1131-04MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Manual Integrations
 APPROVED

Sohil
 1/13/2017 11:07:17 AM

Quant Time: Jan 13 07:04:34 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	154094	20.00	ng	-0.05
21) Naphthalene-d8	7.89	136	709801	20.00	ng	-0.05
38) Acenaphthene-d10	9.64	164	361382	20.00	ng	-0.05
63) Phenanthrene-d10	11.11	188	491233	20.00	ng	-0.05
75) Chrysene-d12	13.74	240	317465	20.00	ng	-0.05
86) Perylene-d12	15.10	264	342304	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	1541339	167.02	ng	-0.03
7) Phenol-d6	6.28	99	1920608	170.46	ng	-0.03
23) Nitrobenzene-d5	7.18	82	1325671	103.85	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	348075	116.39	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1859537	109.09	ng	-0.05
78) Terphenyl-d14	12.70	244	1274890	97.40	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	215782	47.49	ng	96
3) Pyridine	2.71	79	720153	45.41	ng	98
4) n-Nitrosodimethylamine	2.68	42	306274	51.20	ng	99
6) Aniline	6.26	93	271307	18.54	ng	# 69
8) 2-Chlorophenol	6.39	128	591460	56.34	ng	96
9) Benzaldehyde	6.14	77	38862	4.42	ng	97
10) Phenol	6.29	94	799229	62.25	ng	# 67
11) bis(2-Chloroethyl)ether	6.34	93	587716	57.53	ng	99
12) 1,3-Dichlorobenzene	6.54	146	599394	53.49	ng	98
13) 1,4-Dichlorobenzene	6.62	146	499033	43.75	ng	93
14) 1,2-Dichlorobenzene	6.77	146	548592	55.43	ng	99
15) Benzyl Alcohol	6.76	79	459268	52.46	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.89	45	848865	55.80	ng	# 43
17) 2-Methylphenol	6.89	107	490879	58.14	ng	# 88
18) Hexachloroethane	7.11	117	220227	52.08	ng	# 88
19) n-Nitroso-di-n-propylamine	7.03	70	416371	55.55	ng	99
20) 3+4-Methylphenols	7.04	107	692215	68.74	ng	# 71
22) Acetophenone	7.02	105	836020	47.75	ng	93
24) Nitrobenzene	7.19	77	645360	47.47	ng	98
25) Isophorone	7.43	82	1124864	47.76	ng	95
26) 2-Nitrophenol	7.51	139	313320	46.73	ng	93
27) 2,4-Dimethylphenol	7.57	122	467380	42.03	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	601132	42.09	ng	98
29) 2,4-Dichlorophenol	7.76	162	446102	47.38	ng	91
30) 1,2,4-Trichlorobenzene	7.83	180	459731	44.55	ng	96
31) Naphthalene	7.91	128	1560413	48.03	ng	99
32) Benzoic acid	7.68	122	27930	3.39	ng	98
33) 4-Chloroaniline	7.97	127	125392	8.56	ng	97
34) Hexachlorobutadiene	8.02	225	237525	43.61	ng	98
35) Caprolactam	8.34	113	136619m	44.15	ng	
36) 4-Chloro-3-methylphenol	8.48	107	501561	46.29	ng	93
37) 2-Methylnaphthalene	8.60	142	1019418	57.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	446180	48.87	ng	98
40) Hexachlorocyclopentadiene	8.76	237	198084	50.27	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	289828	45.39	nq	98
43) 2,4,5-Trichlorophenol	8.94	196	285642	43.47	nq	98
45) 1,1'-Biphenyl	9.06	154	1194179	48.26	nq	98
46) 2-Chloronaphthalene	9.09	162	933505	47.64	nq	98
47) 2-Nitroaniline	9.19	65	277455	39.77	nq	100
48) Acenaphthylene	9.50	152	1379623	45.78	nq	99
49) Dimethylphthalate	9.37	163	1637527	70.85	nq	98
50) 2,6-Dinitrotoluene	9.44	165	260093	51.41	nq	95
51) Acenaphthene	9.67	154	912464	44.66	nq	99
52) 3-Nitroaniline	9.60	138	129642	20.71	nq	96
53) 2,4-Dinitrophenol	9.72	184	117660	41.80	nq	# 50
54) Dibenzofuran	9.84	168	1190271	43.14	nq	98
55) 4-Nitrophenol	9.81	139	273062m	64.24	nq	
56) 2,4-Dinitrotoluene	9.84	165	270915	42.67	nq	# 81
57) Fluorene	10.18	166	956116	47.63	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.97	232	230452	44.34	nq	99
59) Diethylphthalate	10.07	149	971347	43.27	nq	100
60) 4-Chlorophenyl-phenylether	10.17	204	376010	42.78	nq	97
61) 4-Nitroaniline	10.22	138	227710	35.10	nq	96
62) Azobenzene	10.33	77	1082909	43.82	nq	100
64) 4,6-Dinitro-2-methylphenol	10.25	198	126058	42.44	nq	86
65) n-Nitrosodiphenylamine	10.30	169	771399	52.92	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	272306	53.29	nq	91
67) Hexachlorobenzene	10.73	284	258817	47.39	nq	# 85
68) Atrazine	10.84	200	250327	53.24	nq	98
69) Pentachlorophenol	10.93	266	212557	79.31	nq	97
70) Phenanthrene	11.13	178	1359027	51.02	nq	99
71) Anthracene	11.19	178	1396558	80.51	nq	98
72) Carbazole	11.35	167	1135266	63.07	nq	98
73) Di-n-butylphthalate	11.68	149	1400259	56.53	nq	99
74) Fluoranthene	12.32	202	1587458	70.06	nq	92
76) Benzidine	12.45	184	237987	26.45	nq	96
77) Pyrene	12.54	202	1360486	58.41	nq	99
79) Butylbenzylphthalate	13.17	149	494043	46.64	nq	95
80) Benzo(a)anthracene	13.73	228	1100747	61.43	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	204326	30.07	nq	98
82) Chrysene	13.76	228	909603	50.60	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	648152	51.95	nq	# 98
84) Di-n-octyl phthalate	14.35	149	1139756	49.32	nq	98
85) Indeno(1,2,3-cd)pyrene	16.36	276	944372	60.64	nq	99
87) Benzo(b)fluoranthene	14.73	252	1197508m	56.19	nq	
88) Benzo(k)fluoranthene	14.76	252	832772m	45.82	nq	
89) Benzo(a)pyrene	15.04	252	1051026	55.56	nq	98
90) Dibenzo(a,h)anthracene	16.36	278	745096	47.92	nq	98
91) Benzo(g,h,i)perylene	16.72	276	822979	50.91	nq	98

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

```

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Misc      :
ALS Vial  : 27    Sample Multiplier: 1

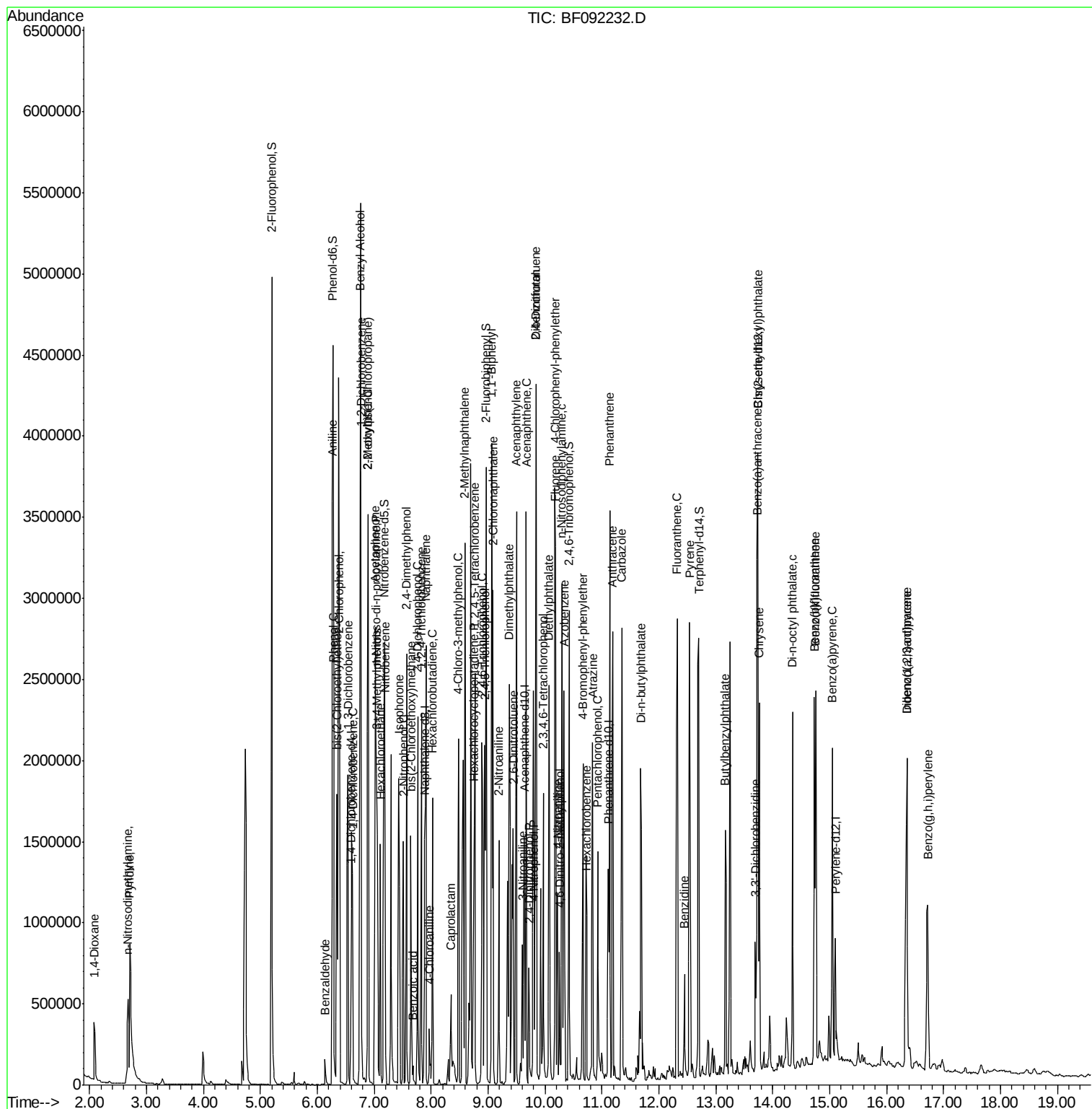
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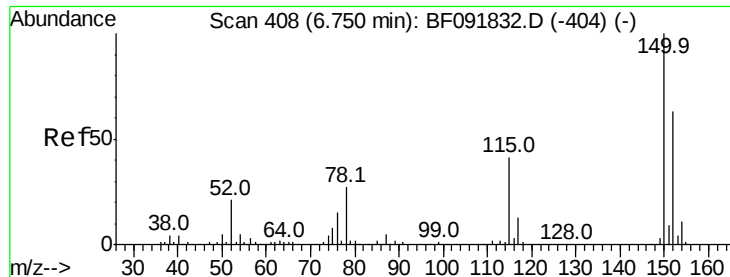
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

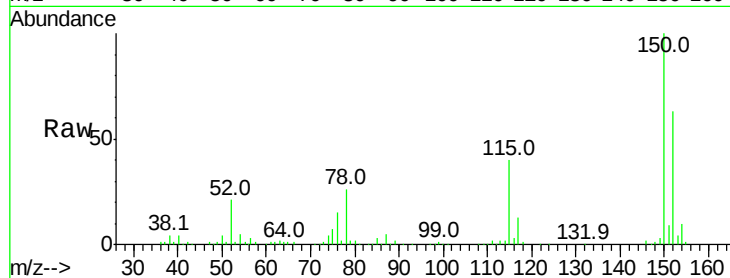
ClientSampleId :

SW-001MSD

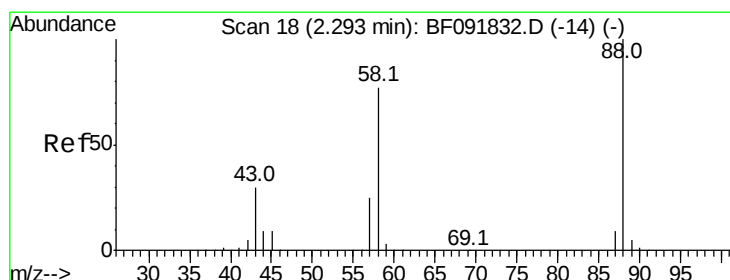
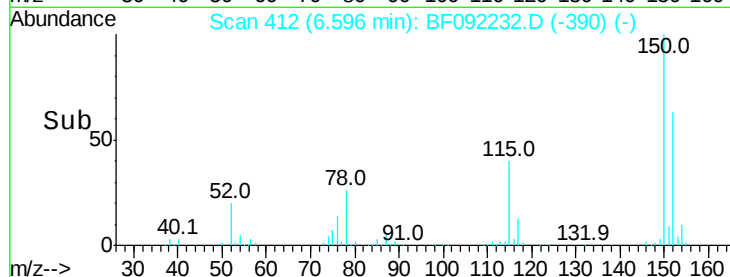
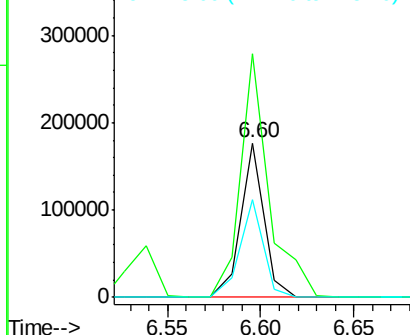
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	63.5	46.0	69.0

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



#2

1,4-Dioxane

Concen: 47.49 ng

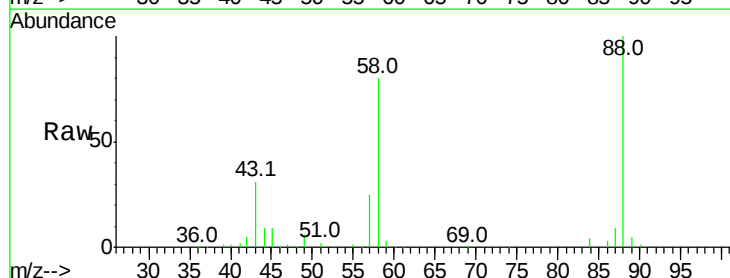
RT: 2.08 min Scan# 17

Delta R.T. 0.00 min

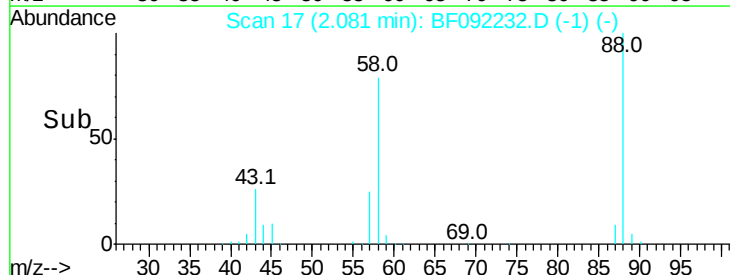
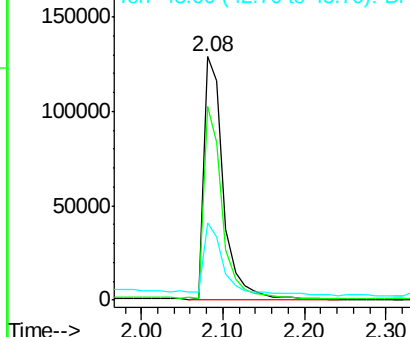
Lab File: BF092232.D

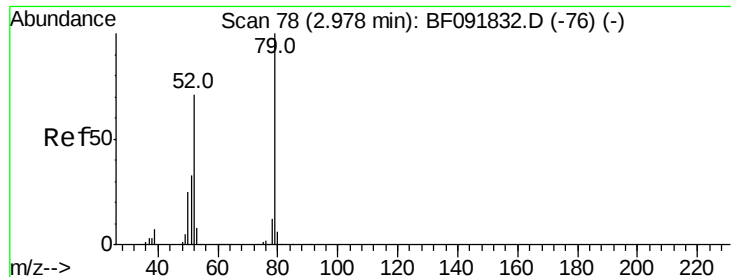
Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	57.8	86.8
43	31.0	22.3	33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 45.41 ng

RT: 2.71 min Scan# 72

Delta R.T. -0.02 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

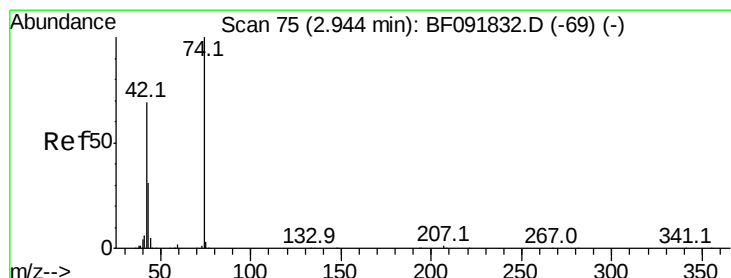
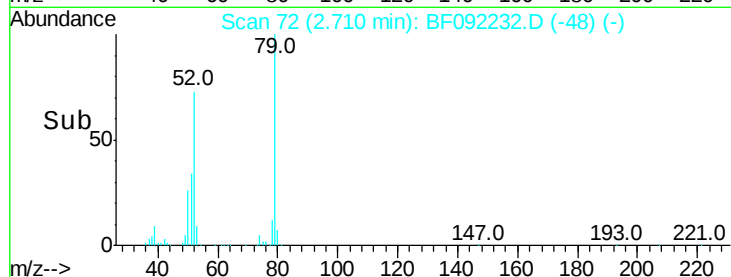
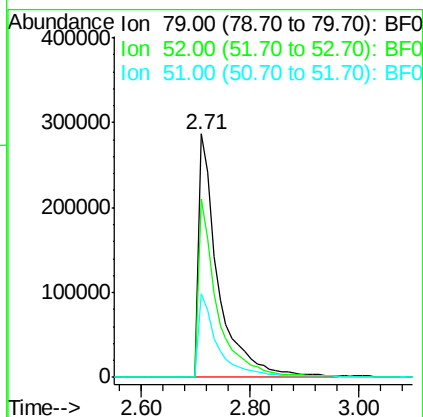
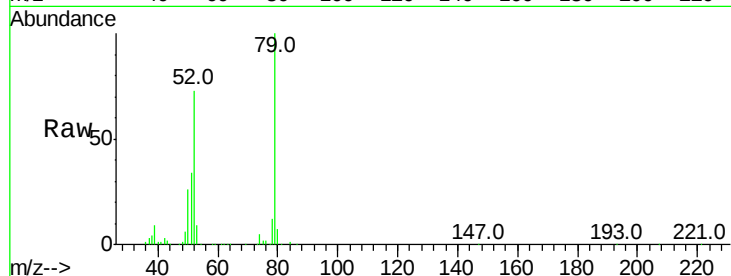
ClientSampleId :

SW-001MSD

Tot Ion:	79	Resp:	720153
Ion Ratio	Lower	Upper	
79	100		
52	73.2	57.1	85.7
51	34.5	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 51.20 ng

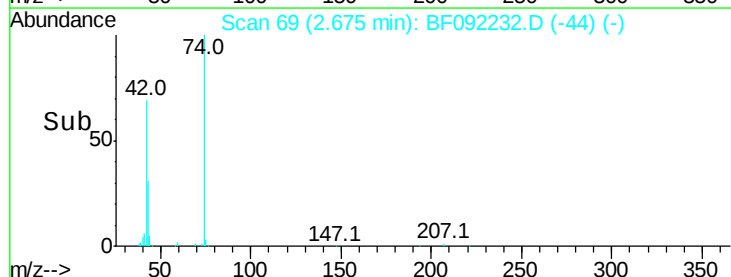
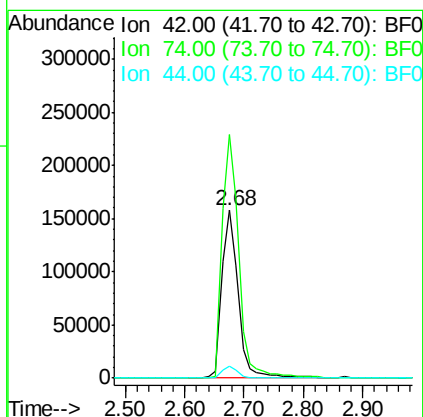
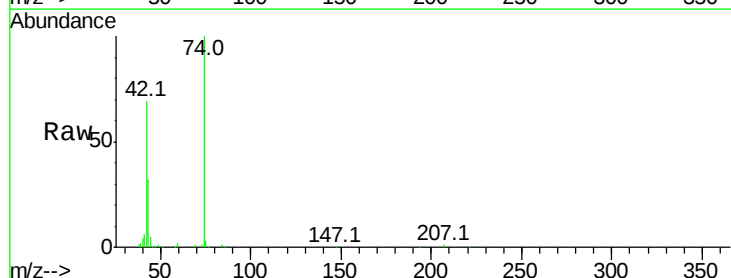
RT: 2.68 min Scan# 69

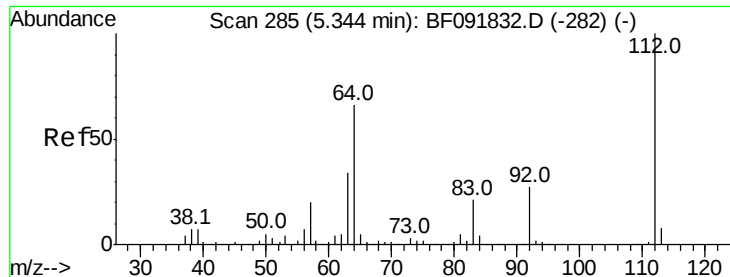
Delta R.T. -0.01 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion:	42	Resp:	306274
Ion Ratio	Lower	Upper	
42	100		
74	145.1	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 167.02 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion:112 Resp: 1541339

Ion Ratio Lower Upper

112 100

64 62.8 46.1 69.1

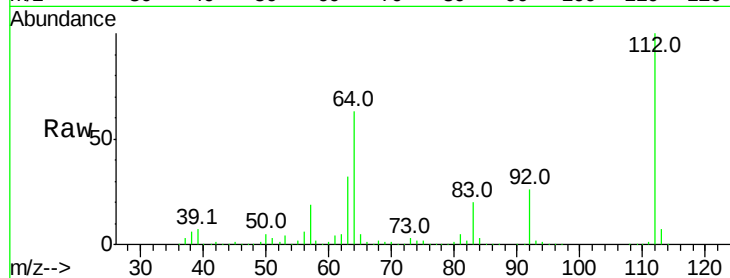
63 32.0 23.8 35.6

Manual Integrations

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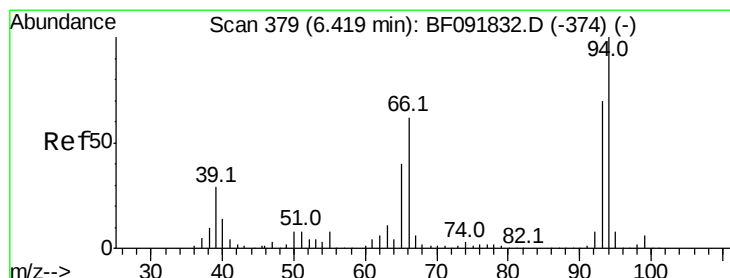
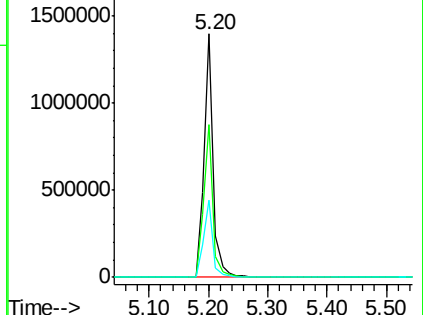
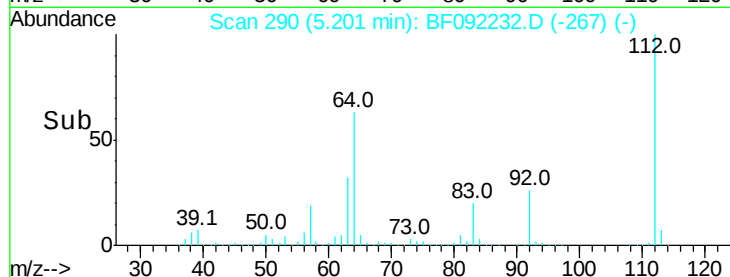
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.54 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092232.D

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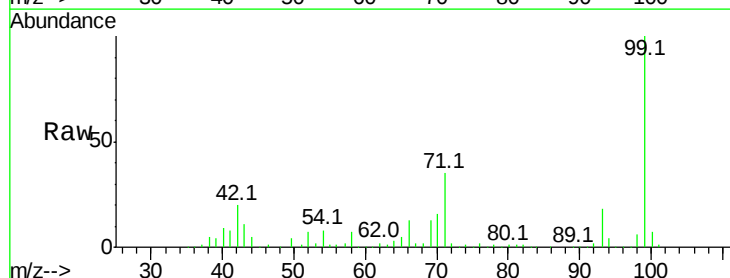
Tgt Ion: 93 Resp: 271307

Ion Ratio Lower Upper

93 100

66 72.3 76.2 114.2#

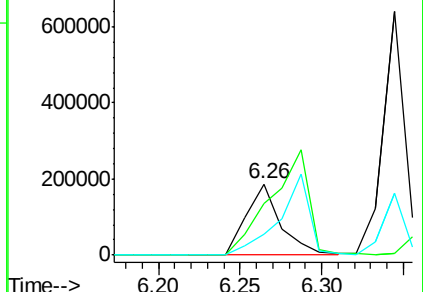
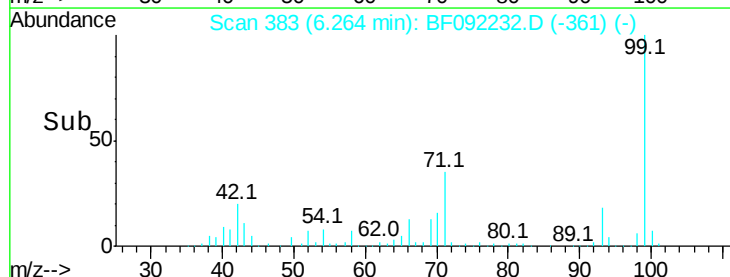
65 29.3 49.3 73.9#

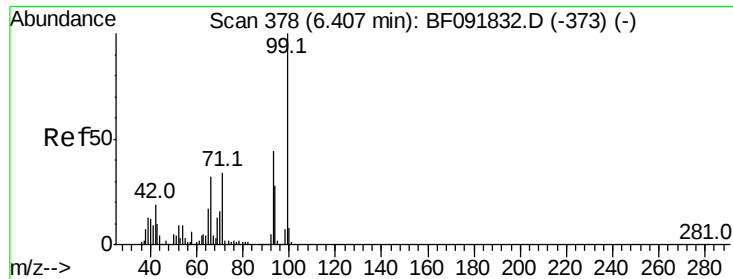


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 170.46 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.03 min

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Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion: 99 Resp: 1920608

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

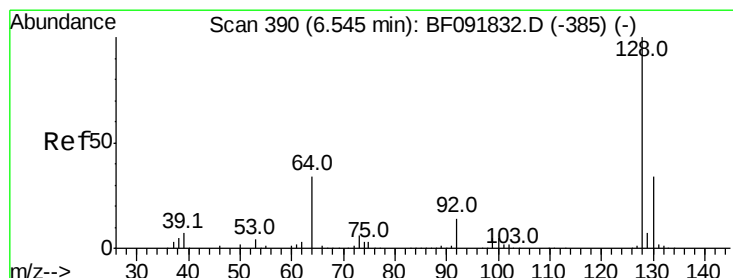
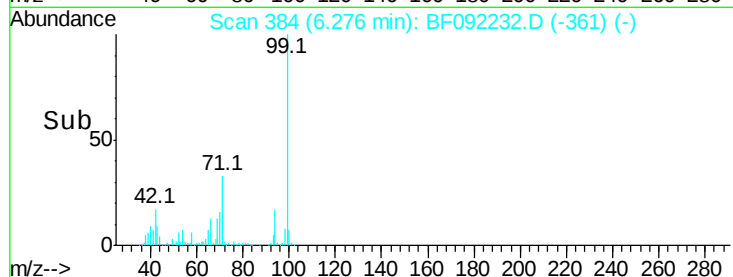
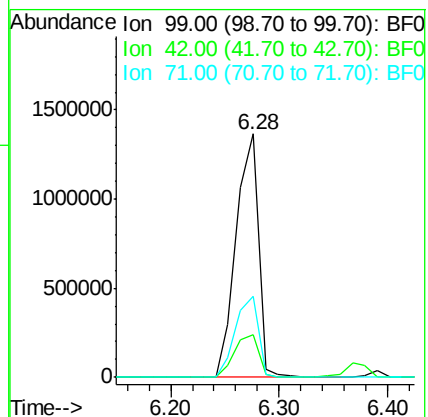
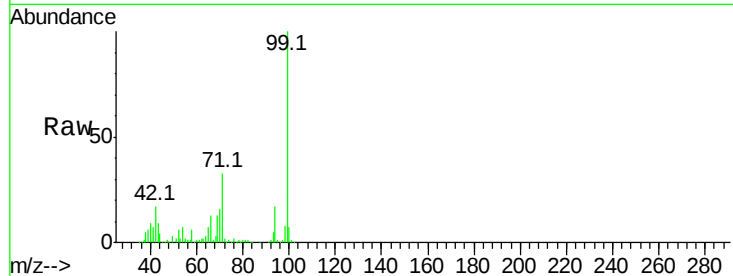
71 33.1 27.5 41.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 56.34 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

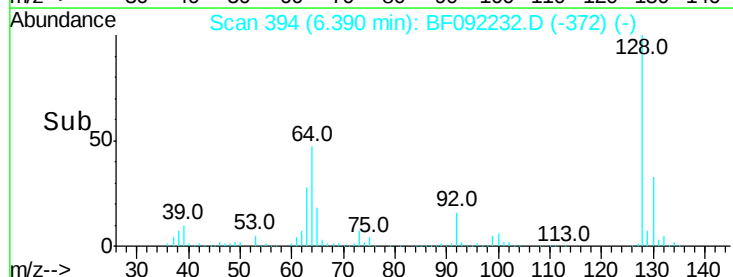
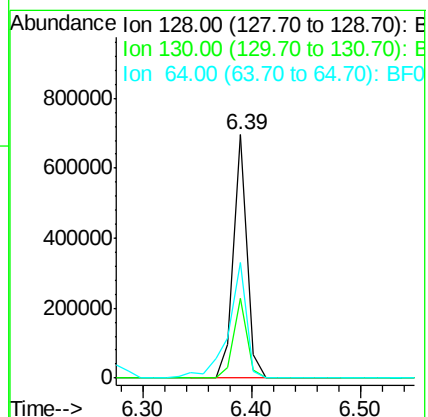
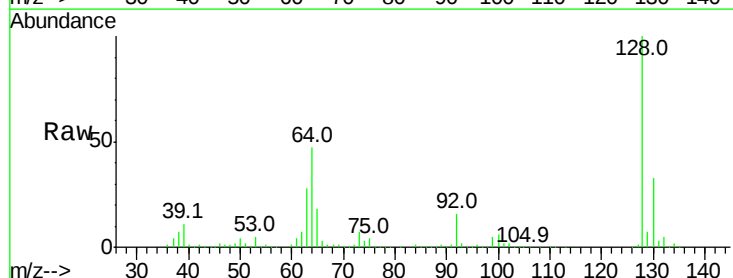
Tgt Ion: 128 Resp: 591460

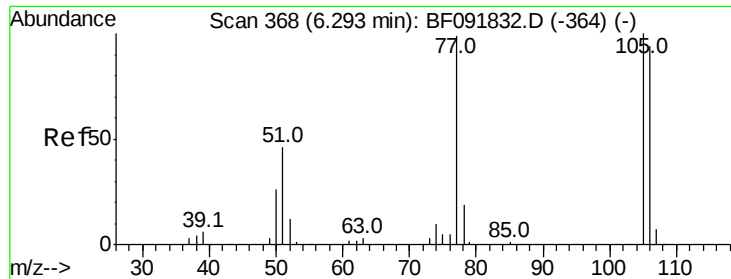
Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

64 47.5 32.2 72.2





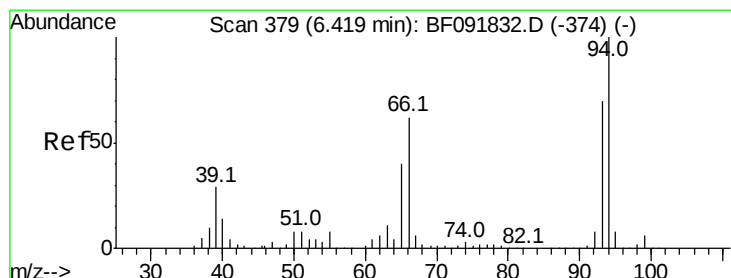
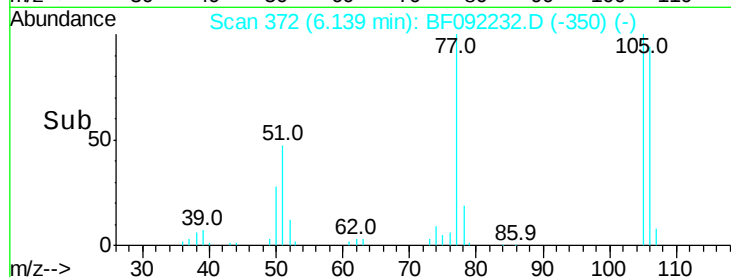
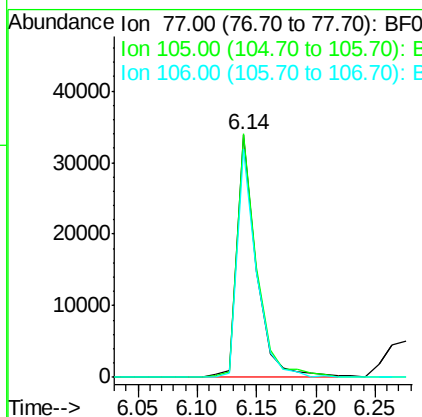
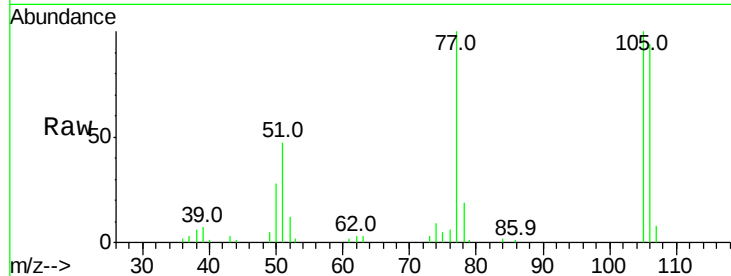
#9
Benzaldehyde
Concen: 4.42 ng
RT: 6.14 min Scan# 372
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampled :
SW-001MSD

Tot Ion: 77 Resp: 38862
Ion Ratio Lower Upper
77 100
105 100.4 83.9 123.9
106 94.1 77.6 117.6

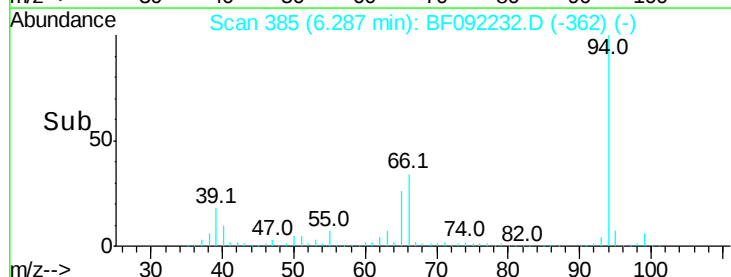
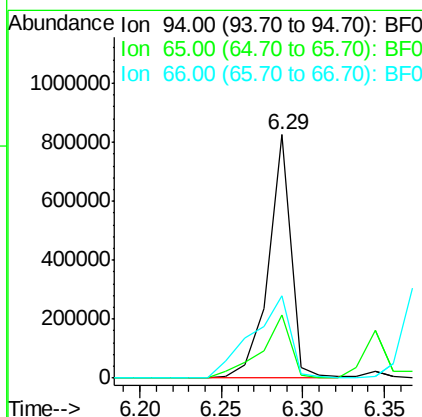
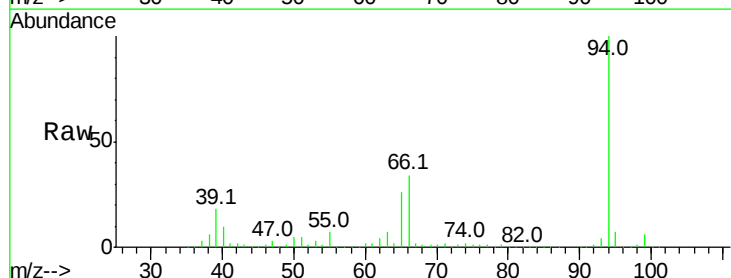
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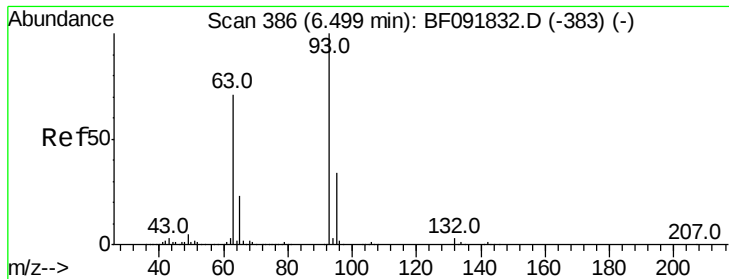
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#10
Phenol
Concen: 62.25 ng
RT: 6.29 min Scan# 385
Delta R.T. -0.03 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion: 94 Resp: 799229
Ion Ratio Lower Upper
94 100
65 25.9 21.4 61.4
66 33.7 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 57.53 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

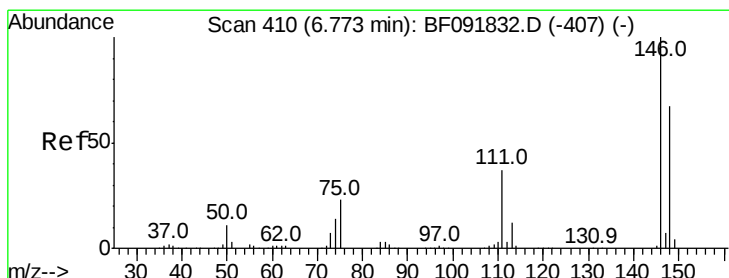
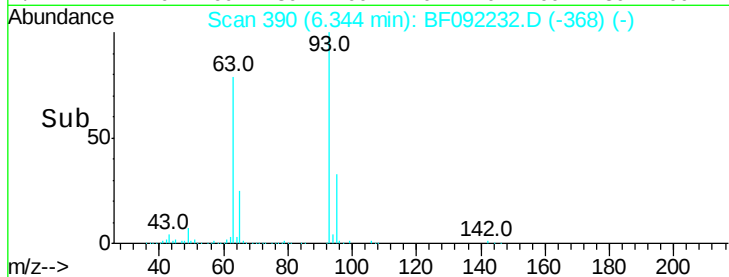
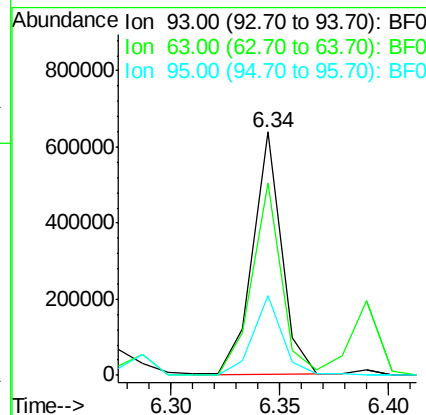
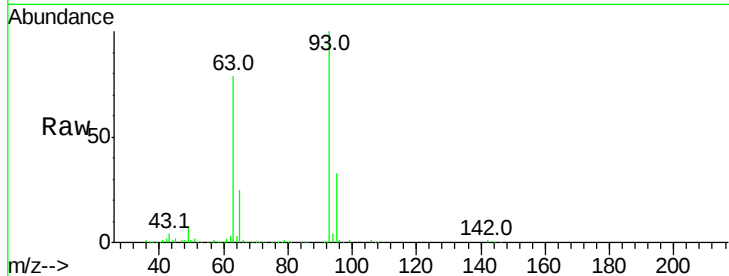
ClientSampleId :

SW-001MSD

Tot Ion:	93	Resp:	587716
Ion Ratio	Lower	Upper	
93	100		
63	79.1	60.4	100.4
95	32.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 53.49 ng

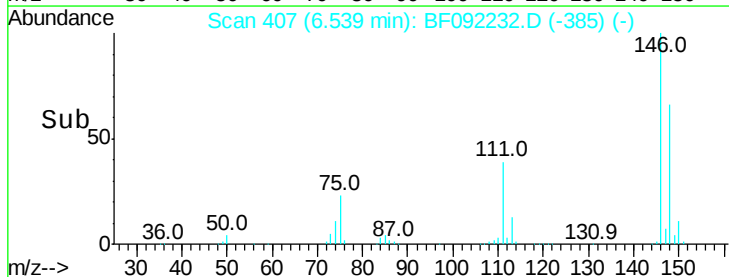
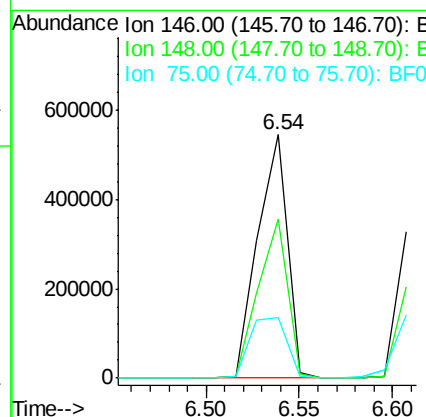
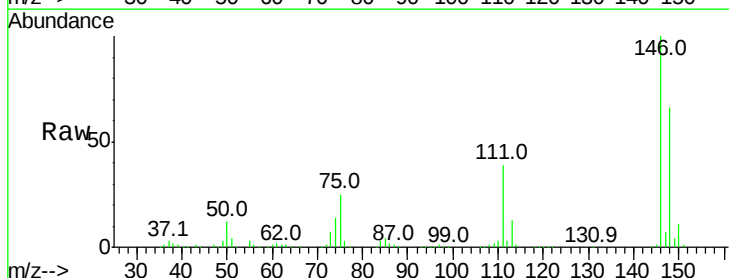
RT: 6.54 min Scan# 407

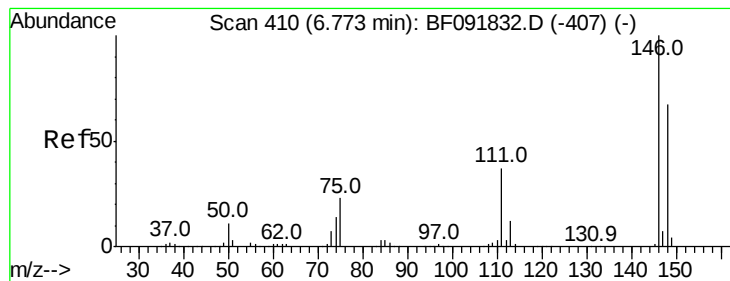
Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion:	146	Resp:	599394
Ion Ratio	Lower	Upper	
146	100		
148	65.5	53.4	80.0
75	25.0	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 43.75 ng

RT: 6.62 min Scan# 414

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

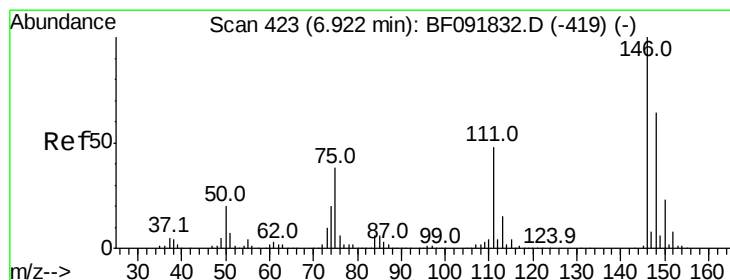
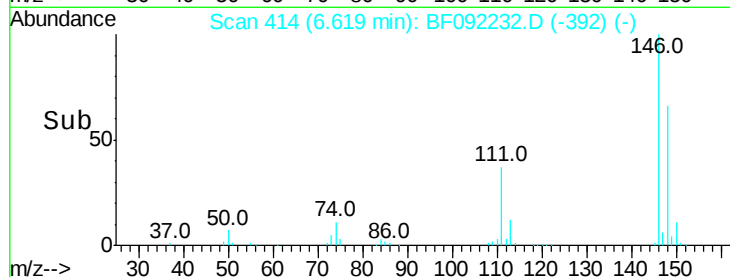
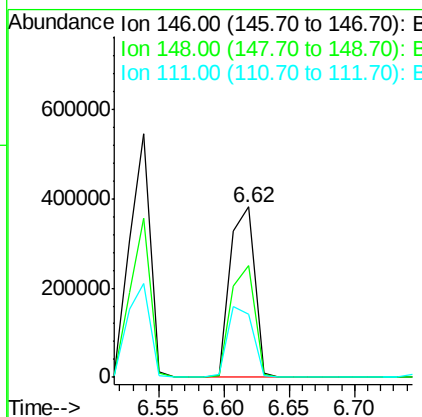
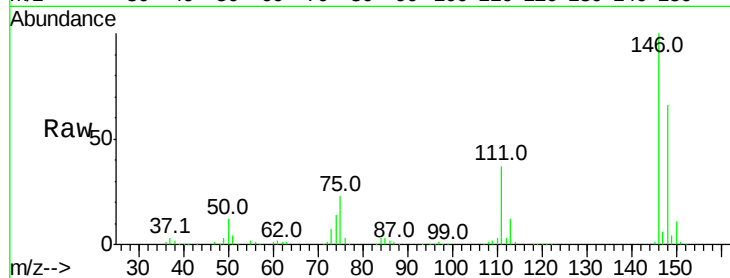
ClientSampleId :

SW-001MSD

Tot Ion:	146	Resp:	499033
Ion Ratio	Lower	Upper	
146	100		
148	65.8	50.6	76.0
111	37.0	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 55.43 ng

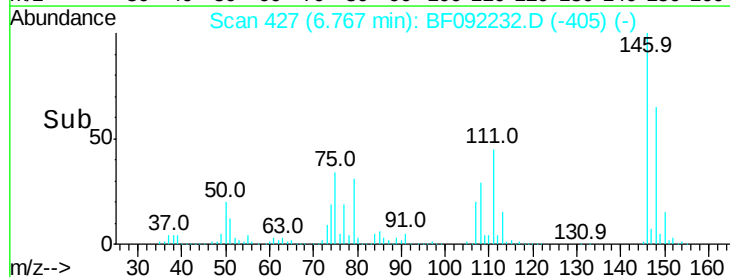
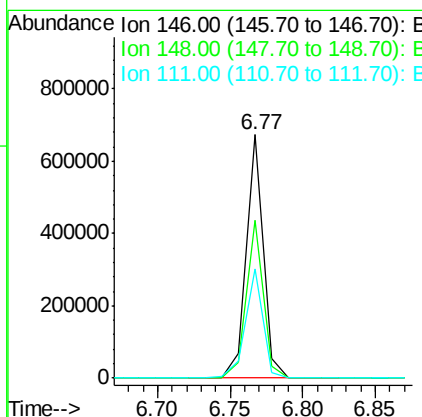
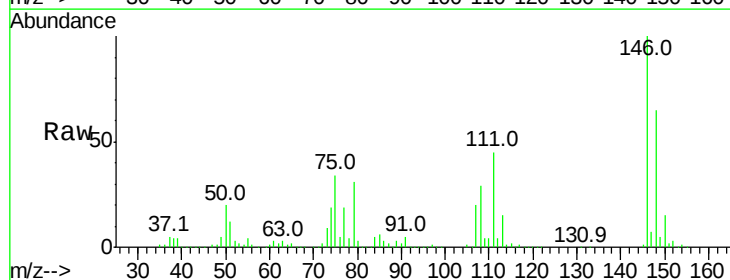
RT: 6.77 min Scan# 427

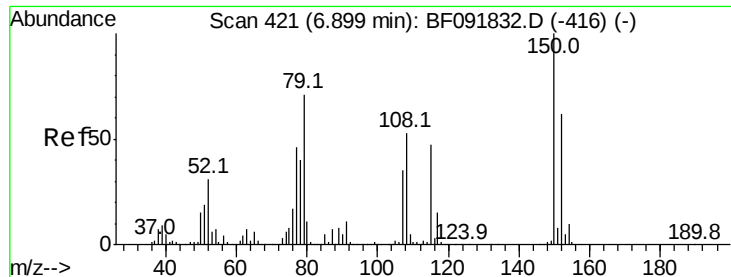
Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion:	146	Resp:	548592
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.2
111	44.9	36.2	54.2





#15

Benzyl Alcohol

Concen: 52.46 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

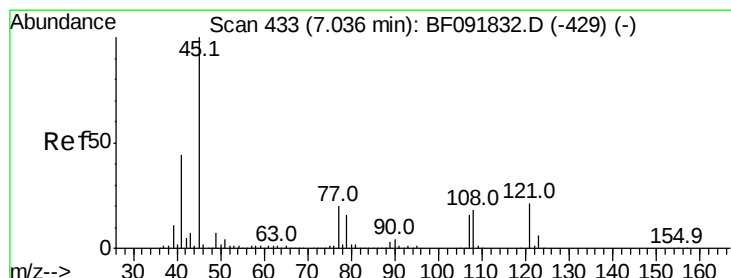
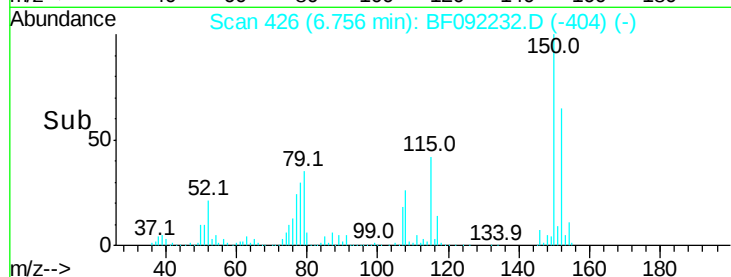
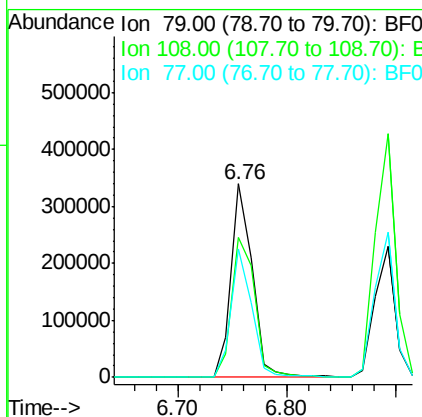
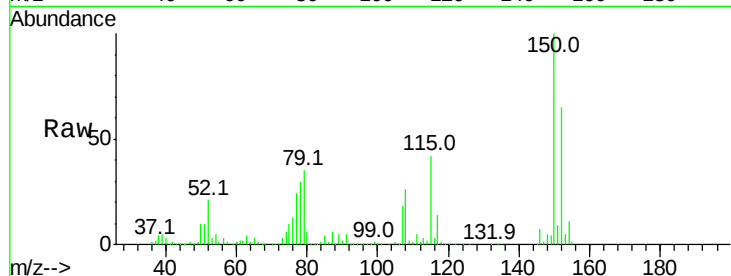
ClientSampled :

SW-001MSD

Tot Ion:	79	Resp:	459268
Ion Ratio	Lower	Upper	
79	100		
108	72.2	61.4	92.0
77	66.5	50.9	76.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 55.80 ng

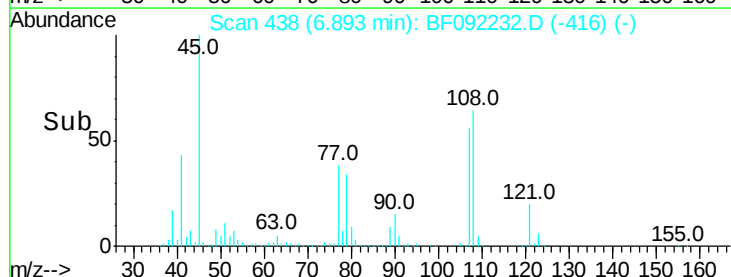
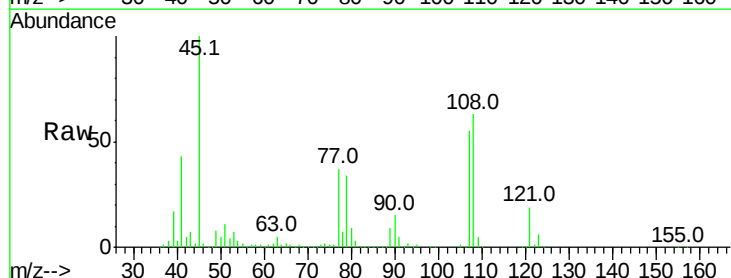
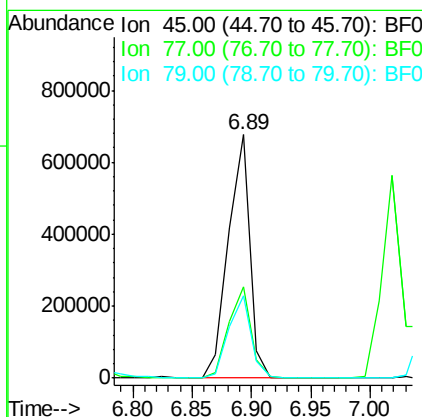
RT: 6.89 min Scan# 438

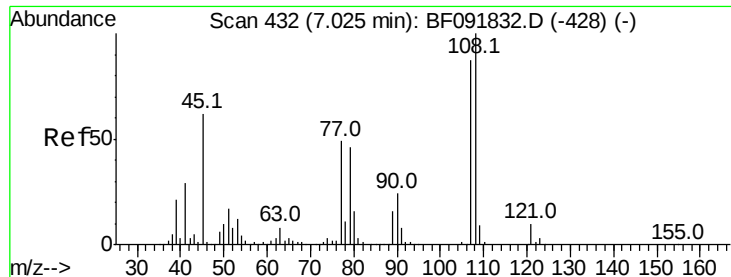
Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion:	45	Resp:	848865
Ion Ratio	Lower	Upper	
45	100		
77	37.5	0.0	34.6#
79	34.1	0.0	31.2#





#17

2-Methylphenol

Concen: 58.14 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.03 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

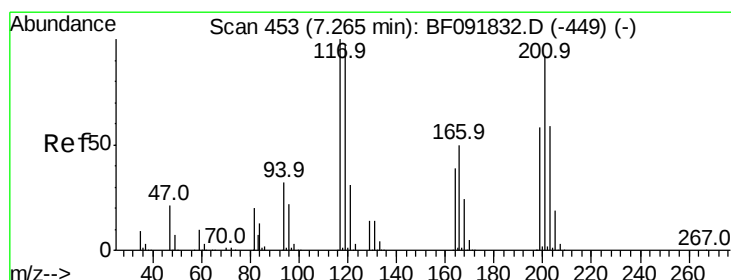
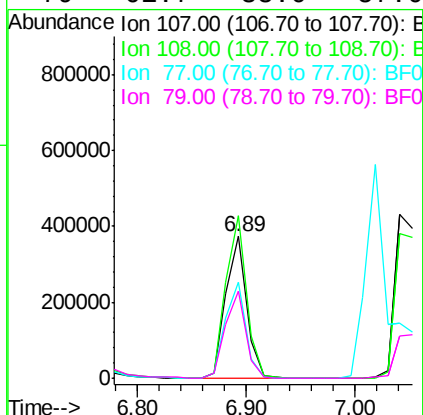
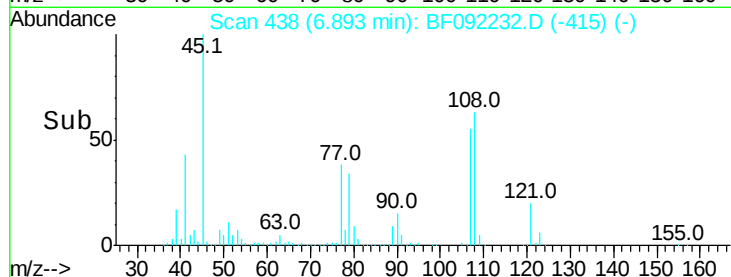
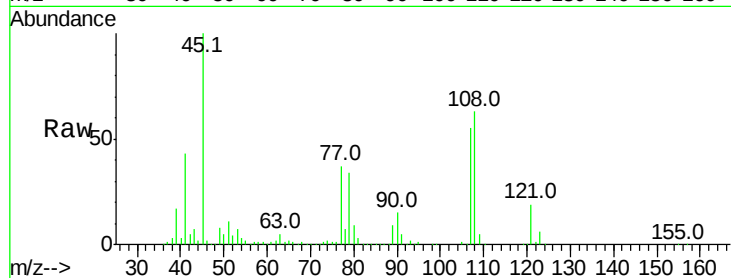
ClientSampleId :

SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	93.0	139.6	
77	67.9	39.8	59.8	
79	61.7	38.0	57.0	

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#18

Hexachloroethane

Concen: 52.08 ng

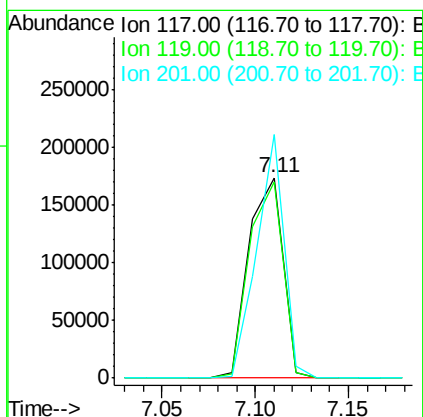
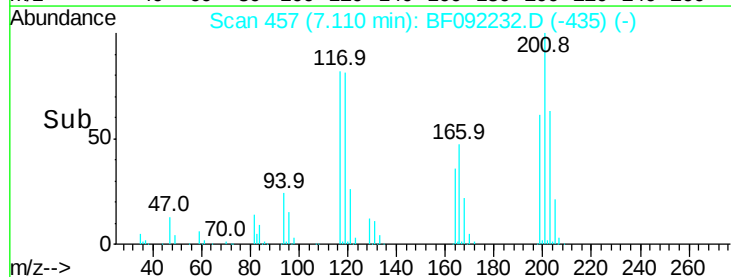
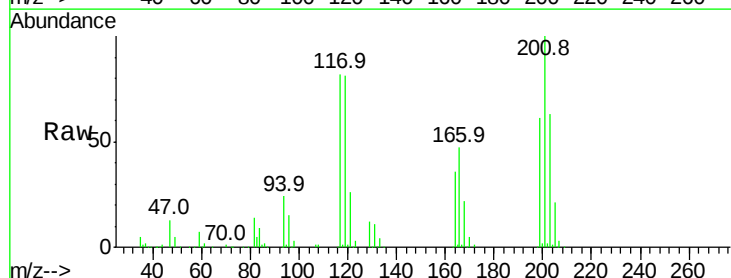
RT: 7.11 min Scan# 457

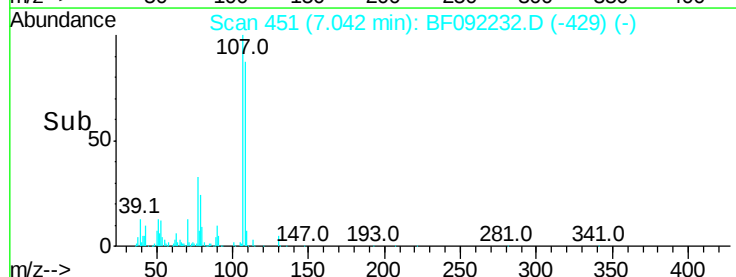
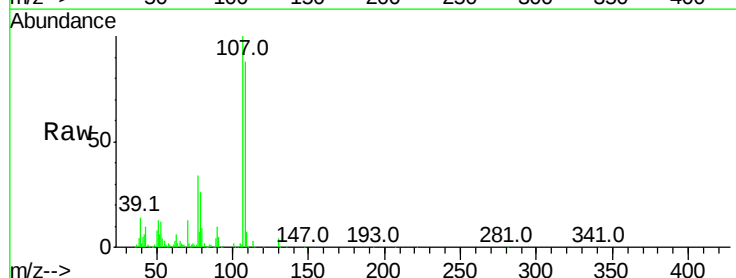
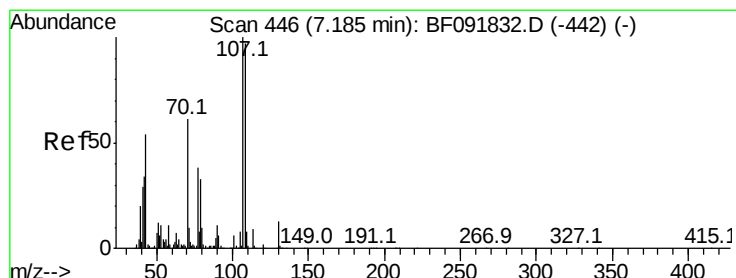
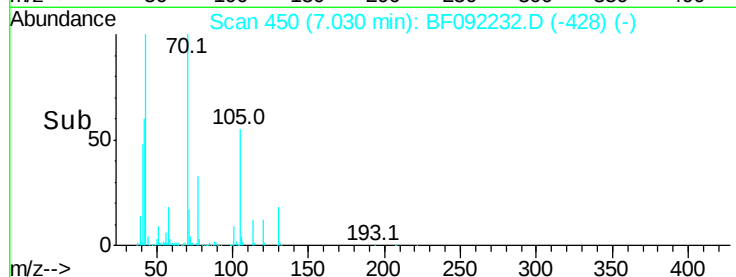
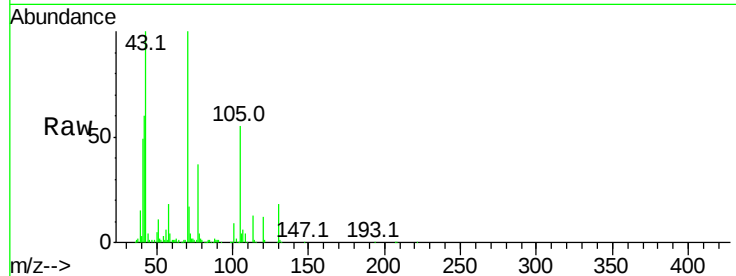
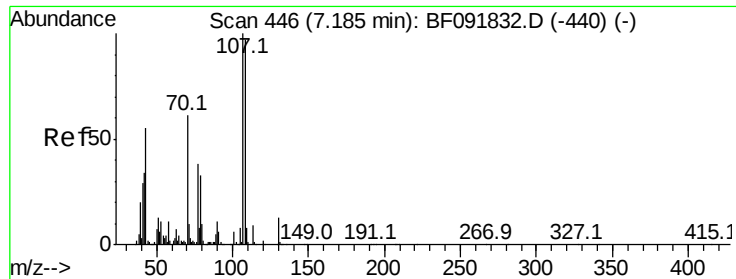
Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.9	78.1	117.1	
201	121.5	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 55.55 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF092232.D

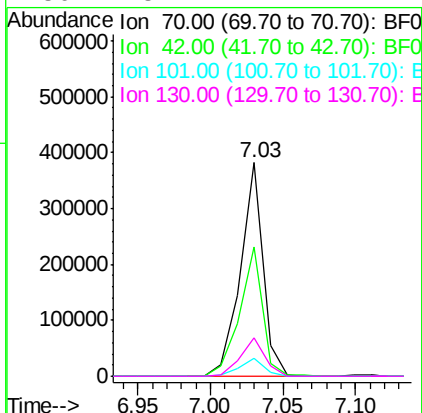
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.5	49.4	74.0
101	8.6	7.4	11.2
130	18.2	14.2	21.4

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#20

3+4-Methylphenols

Concen: 68.74 ng

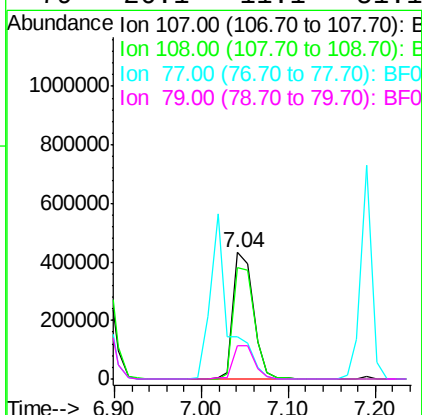
RT: 7.04 min Scan# 451

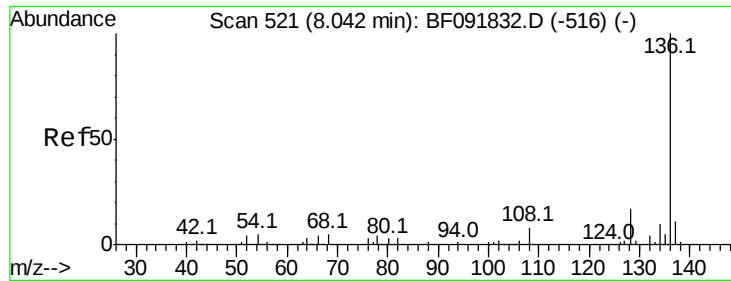
Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	73.0	113.0
77	33.6	71.3	111.3#
79	26.1	11.1	51.1





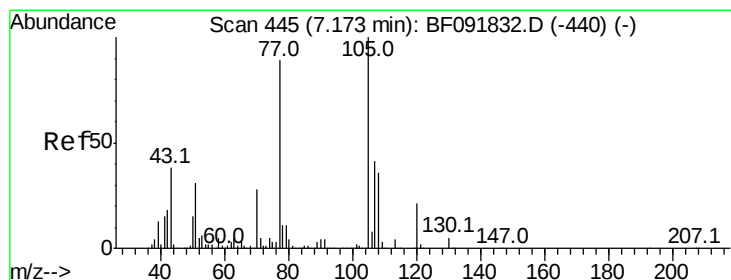
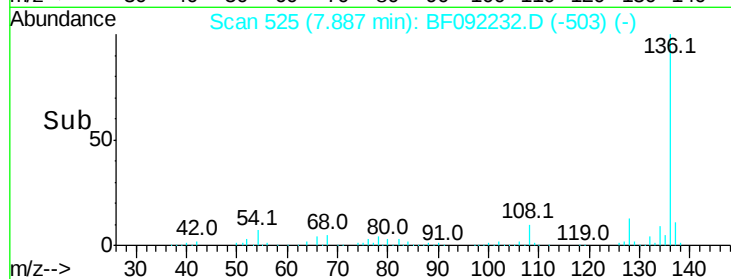
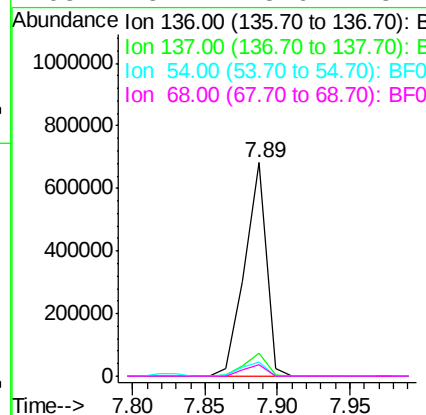
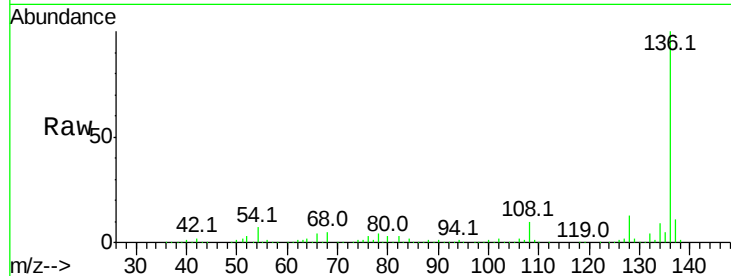
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.6	4.5	6.7
68	5.2	3.6	5.4

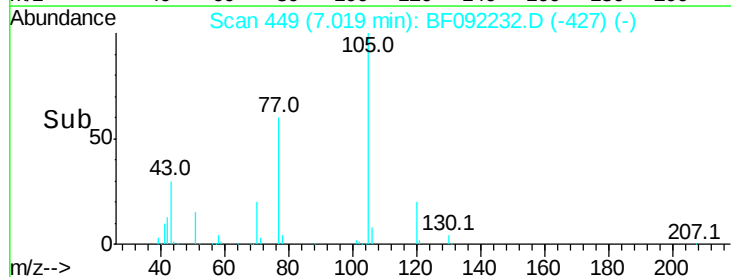
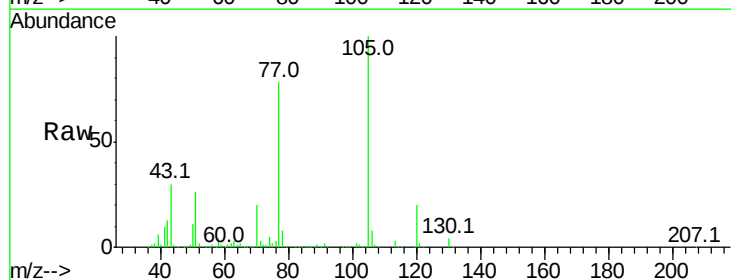
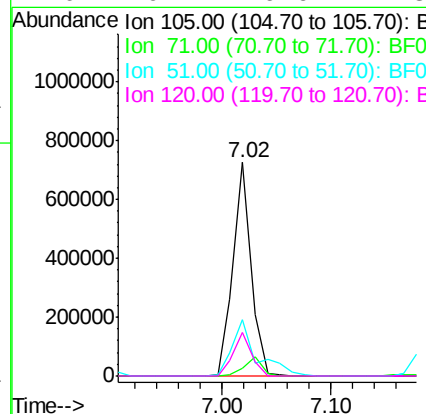
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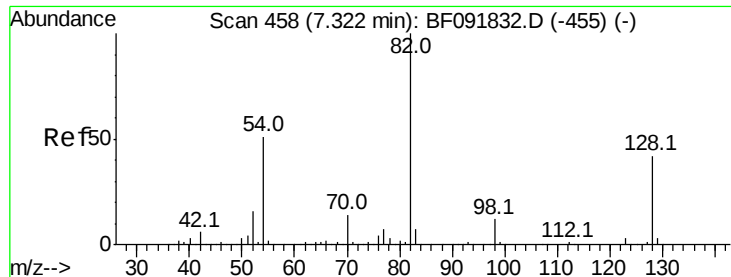
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#22
Acetophenone
Concen: 47.75 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.4	3.2	4.8
51	26.4	26.2	39.4
120	20.4	16.6	24.8





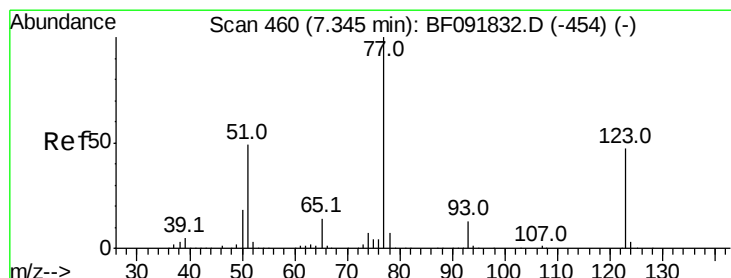
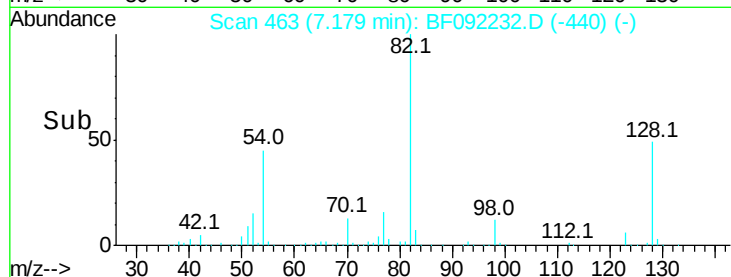
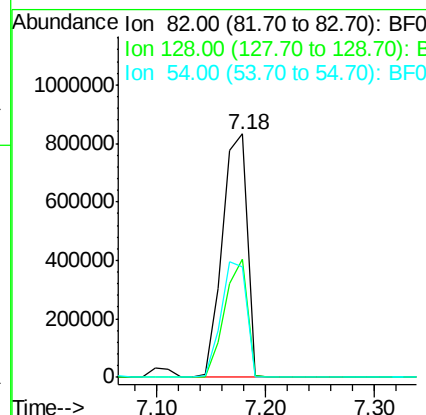
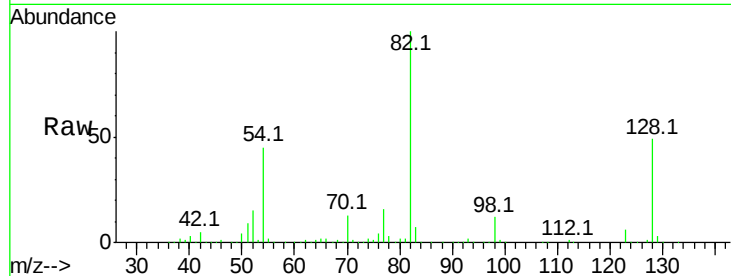
#23
 Nitrobenzene-d5
 Concen: 103.85 ng
 RT: 7.18 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.6	52.0
54	45.3	39.5	59.3

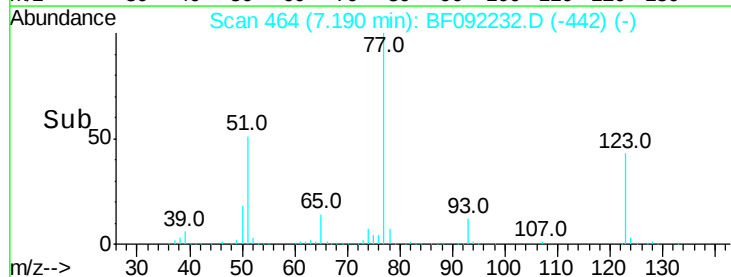
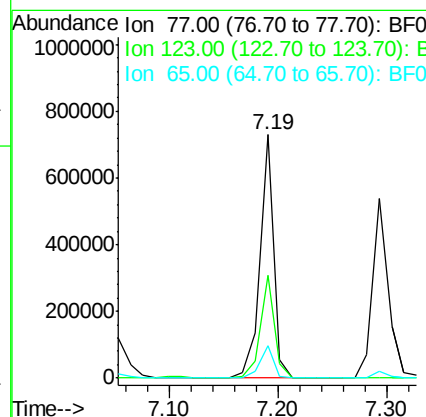
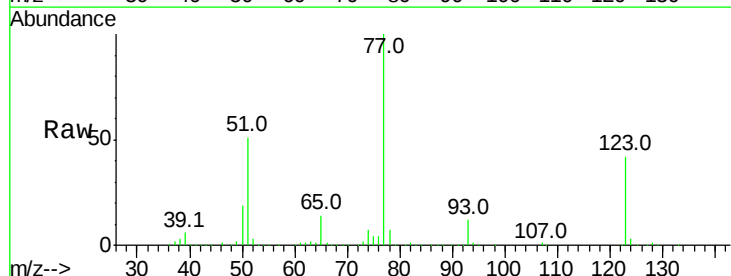
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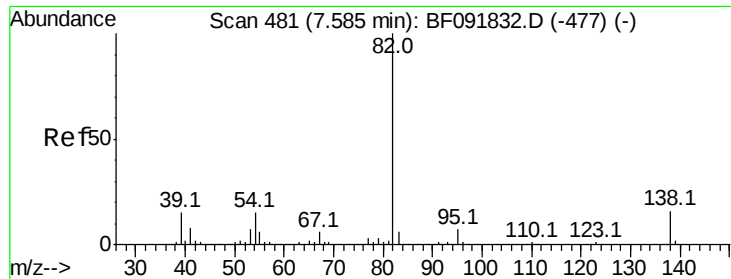
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#24
 Nitrobenzene
 Concen: 47.47 ng
 RT: 7.19 min Scan# 464
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	33.0	49.4
65	13.5	11.2	16.8





#25

Isophorone

Concen: 47.76 ng

RT: 7.43 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampled :

SW-001MSD

Tot Ion: 82 Resp: 1124864

Ion Ratio Lower Upper

82 100

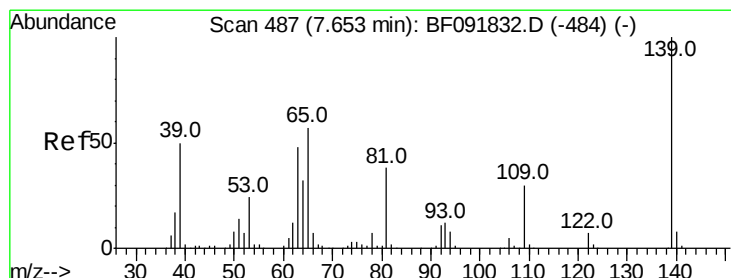
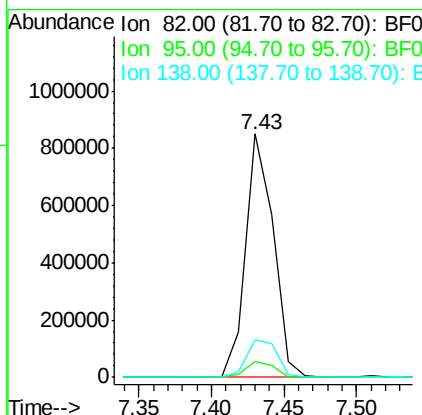
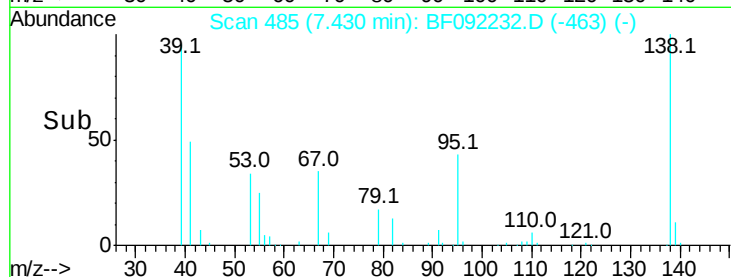
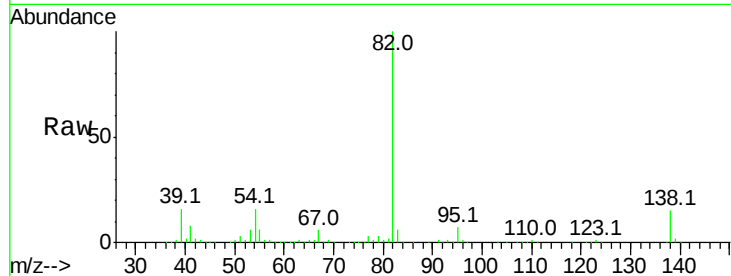
95 6.7 5.6 8.4

138 15.4 14.6 22.0

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#26

2-Nitrophenol

Concen: 46.73 ng

RT: 7.51 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

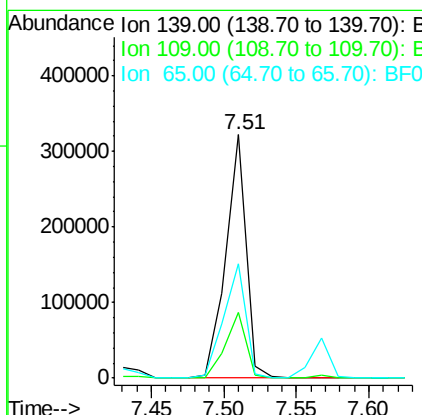
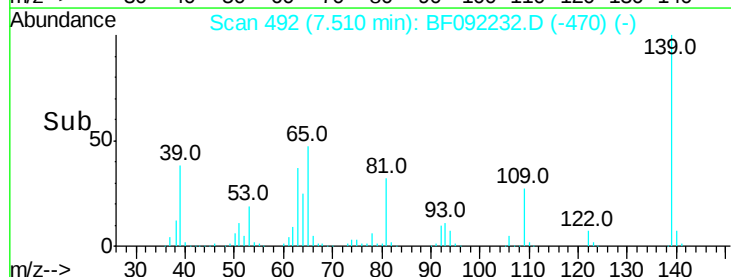
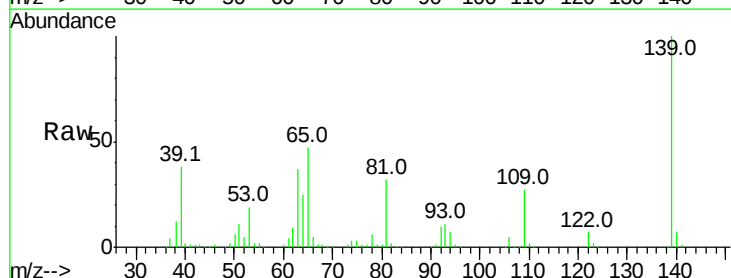
Tgt Ion: 139 Resp: 313320

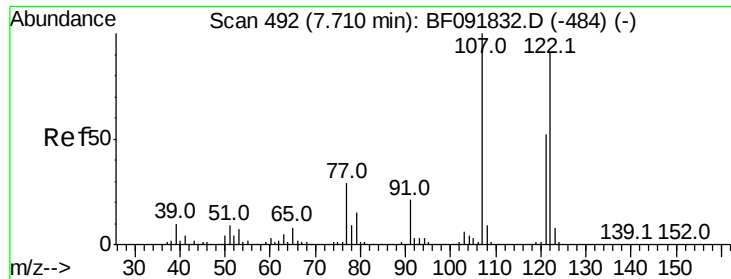
Ion Ratio Lower Upper

139 100

109 26.8 23.3 34.9

65 47.1 42.7 64.1





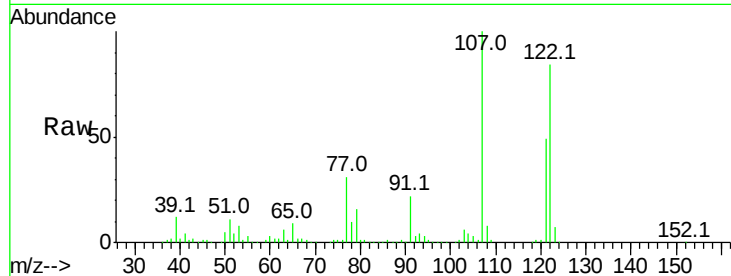
#27
2,4-Dimethylphenol
Concen: 42.03 ng
RT: 7.57 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

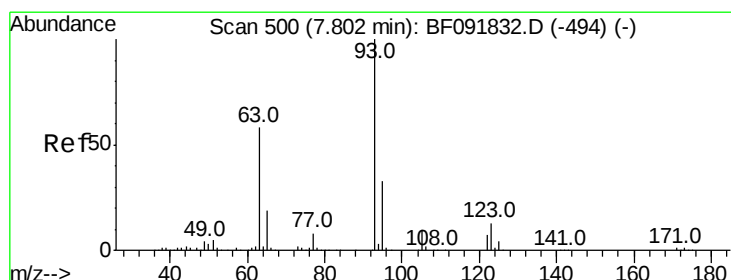
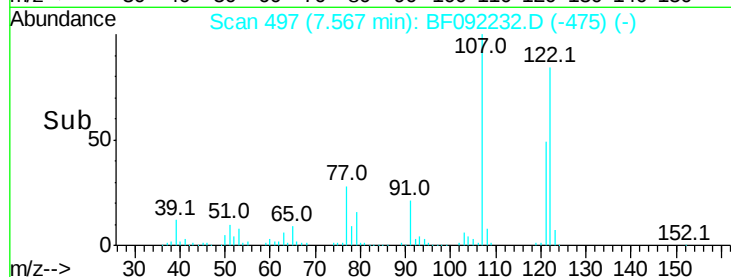
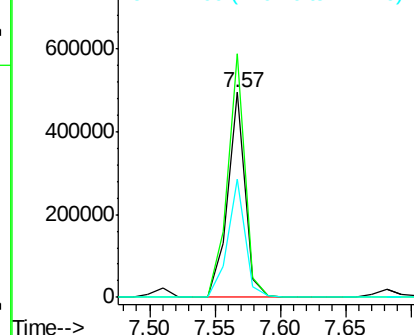
Tot Ion	Ratio	Resp	Lower	Upper
122	100	467380		
107	118.8	94.1	141.1	
121	57.8	46.0	69.0	

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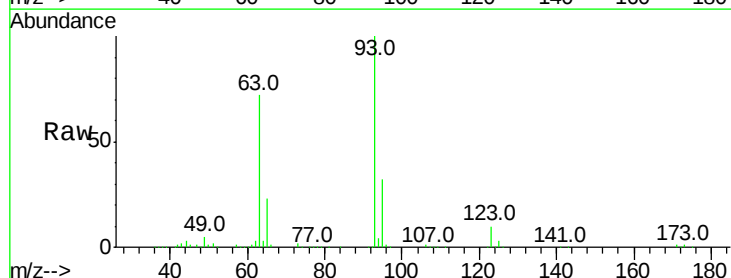


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

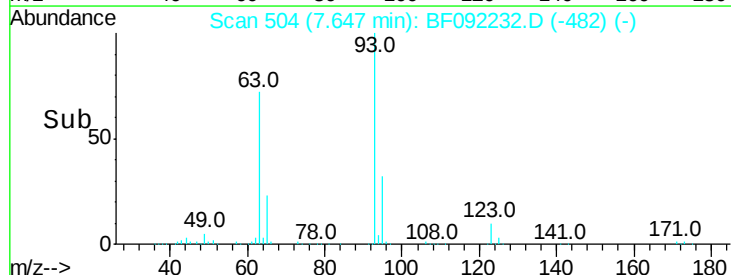
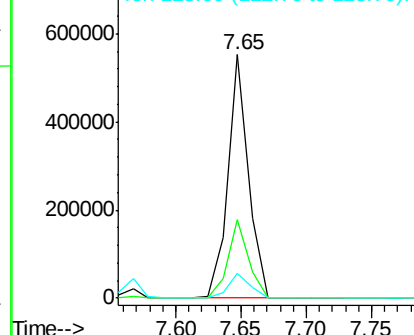


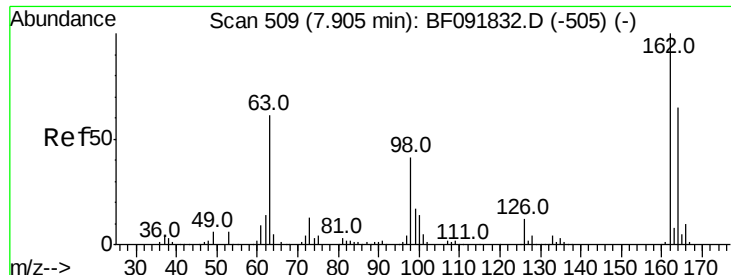
#28
bis(2-Chloroethoxy)methane
Concen: 42.09 ng
RT: 7.65 min Scan# 504
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	601132		
95	32.3	26.5	39.7	
123	10.1	8.6	13.0	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





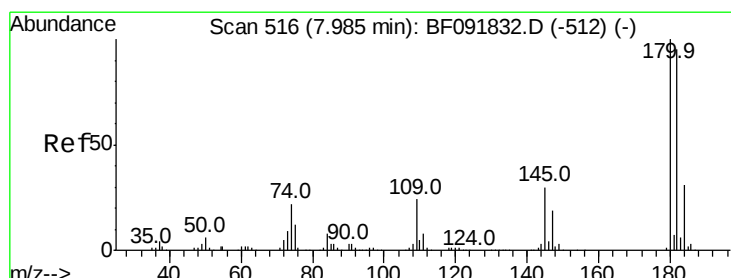
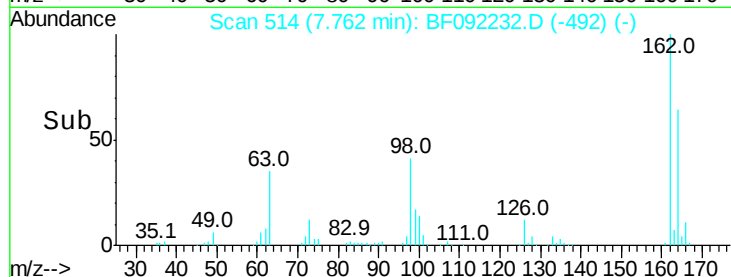
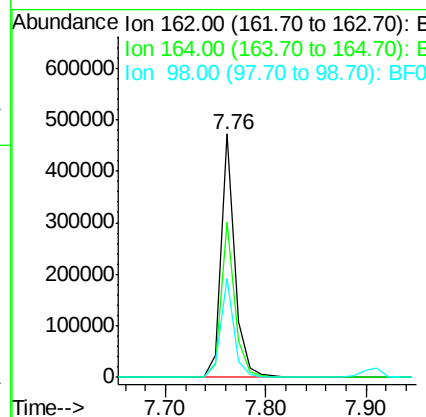
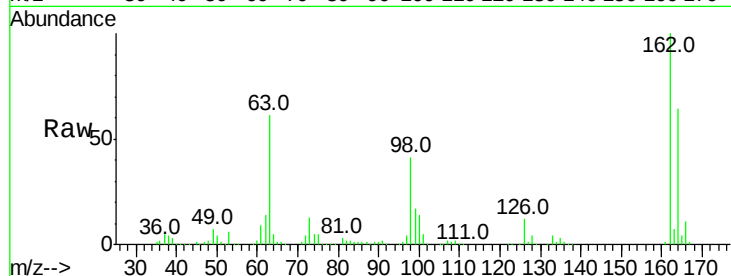
#29
 2,4-Dichlorophenol
 Concen: 47.38 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.9	46.8	86.8
98	40.7	9.1	49.1

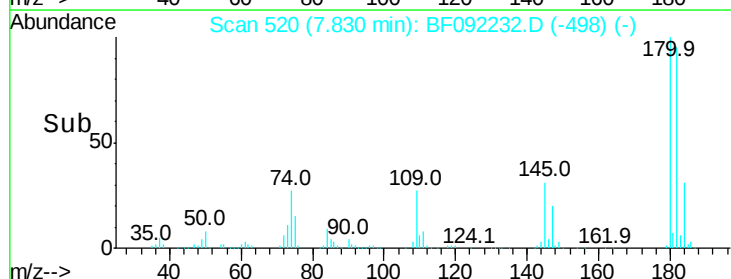
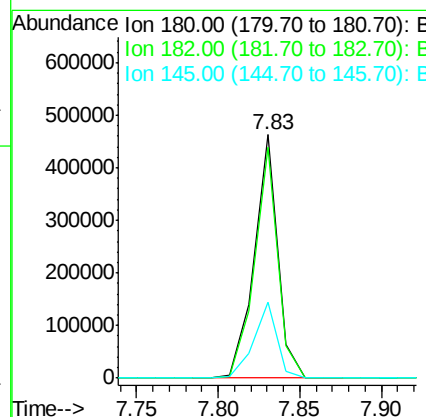
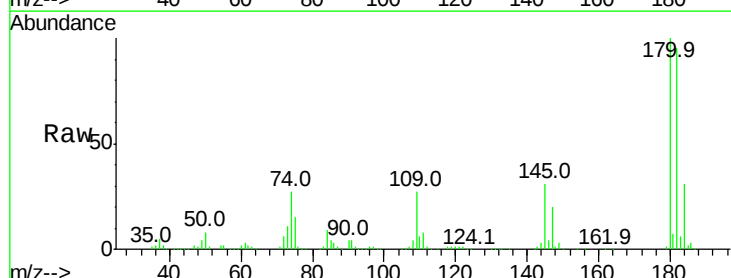
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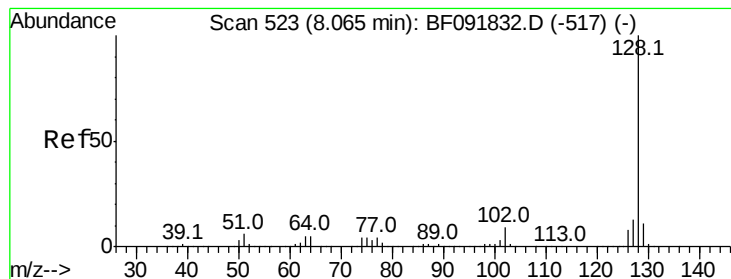
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.55 ng
 RT: 7.83 min Scan# 520
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	78.2	117.4
145	31.2	21.6	32.4





#31

Naphthalene

Concen: 48.03 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion:128 Resp: 1560413

Ion Ratio Lower Upper

128 100

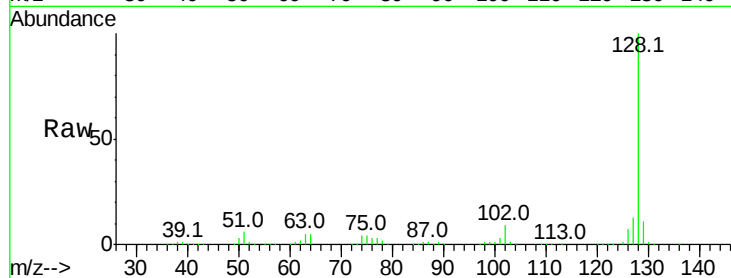
129 11.2 9.5 14.3

127 13.3 10.8 16.2

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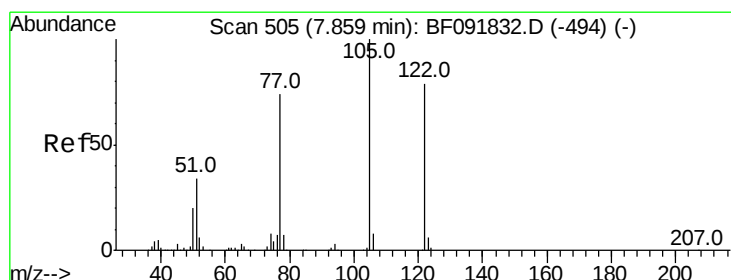
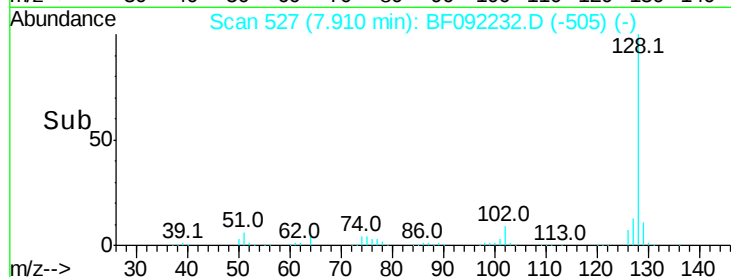
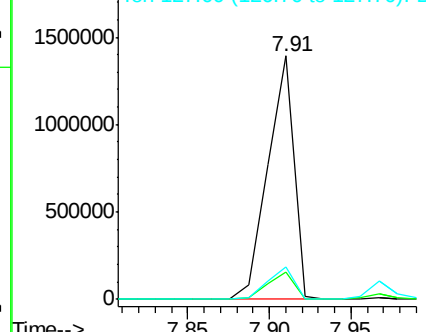
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.39 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.07 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

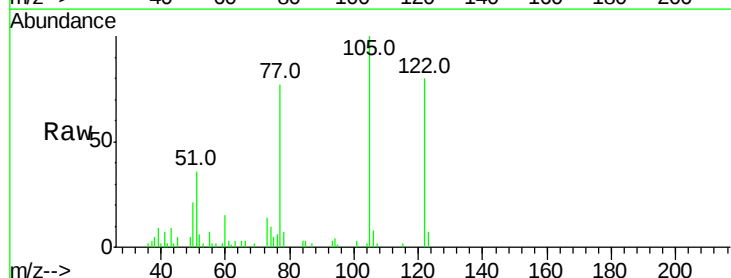
Tgt Ion:122 Resp: 27930

Ion Ratio Lower Upper

122 100

105 125.5 107.2 147.2

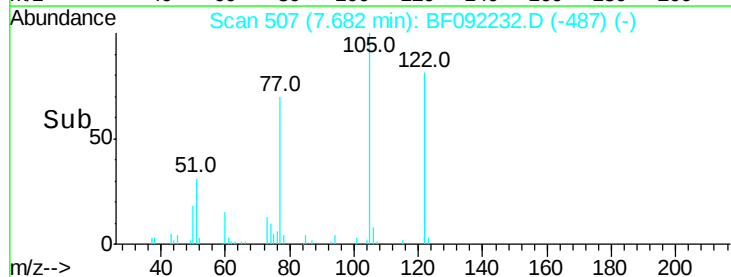
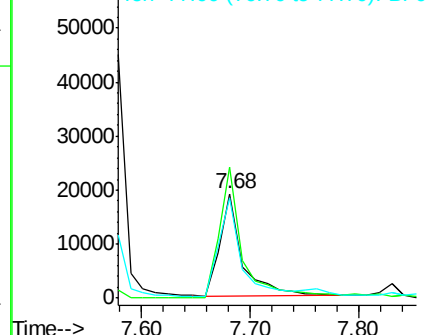
77 96.6 74.5 114.5

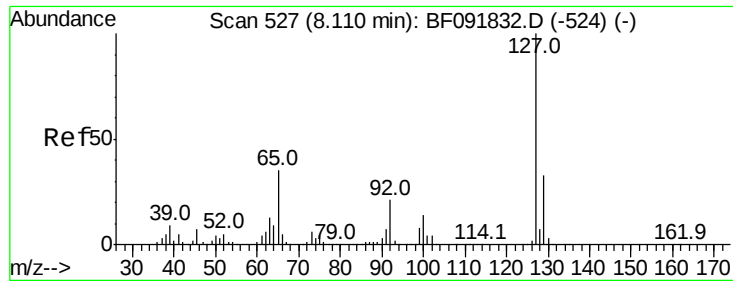


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





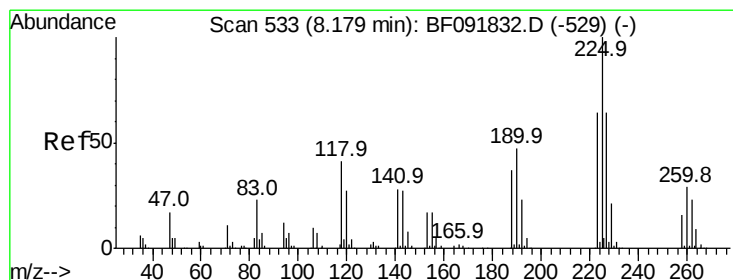
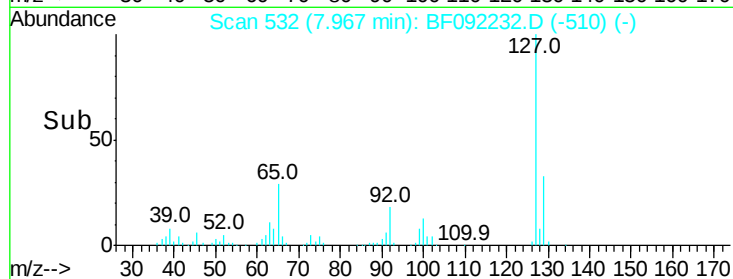
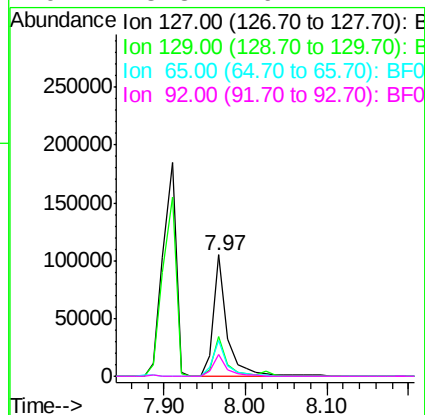
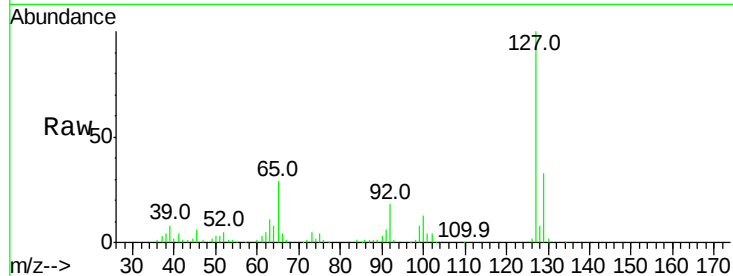
#33
4-Chloroaniline
Concen: 8.56 ng
RT: 7.97 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.3	39.5		
65	29.4	25.8	38.8		
92	18.3	16.1	24.1		

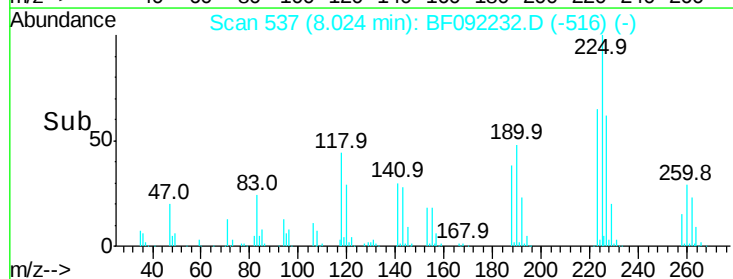
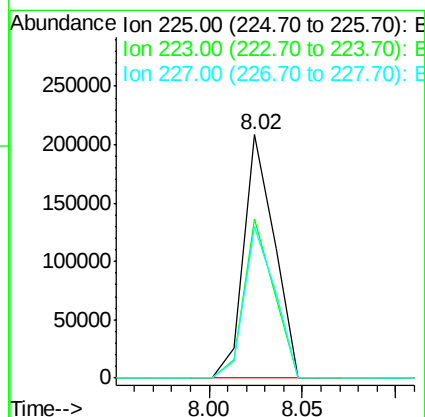
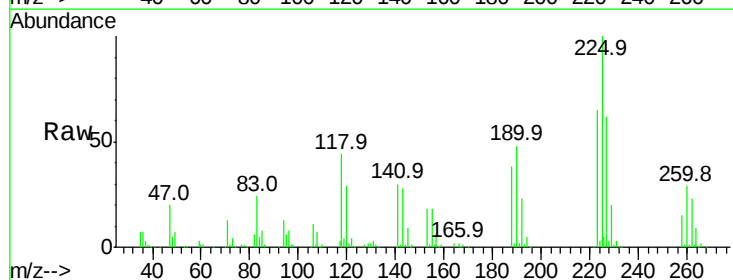
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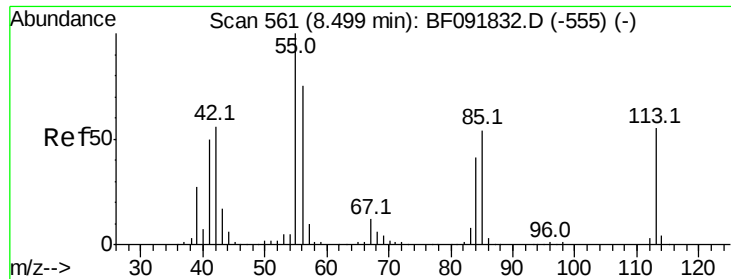
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#34
Hexachlorobutadiene
Concen: 43.61 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.3	51.0	76.6		
227	62.0	50.6	76.0		





#35

Caprolactam

Concen: 44.15 ng/ml

RT: 8.34 min Scan# 565

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

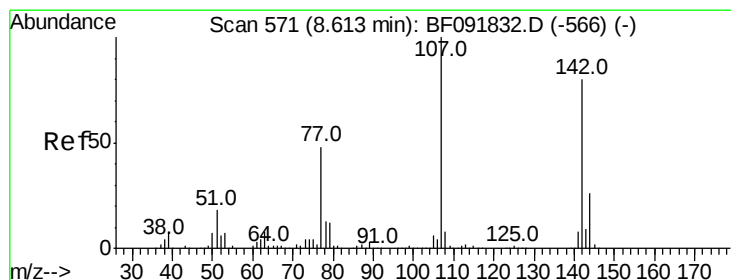
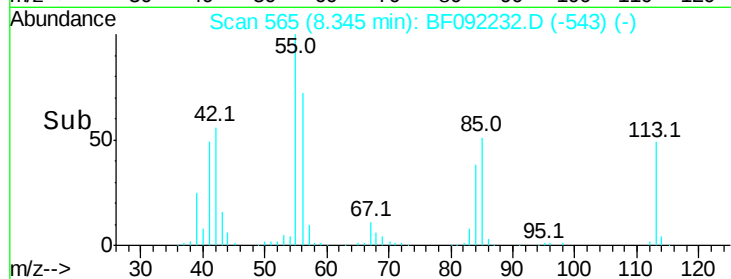
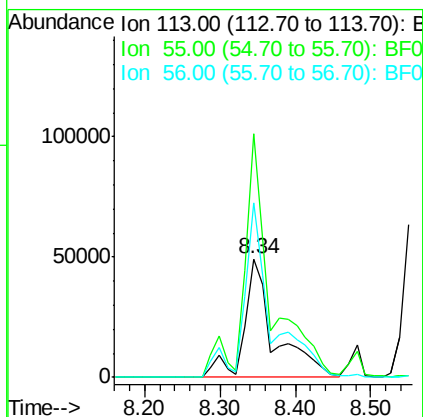
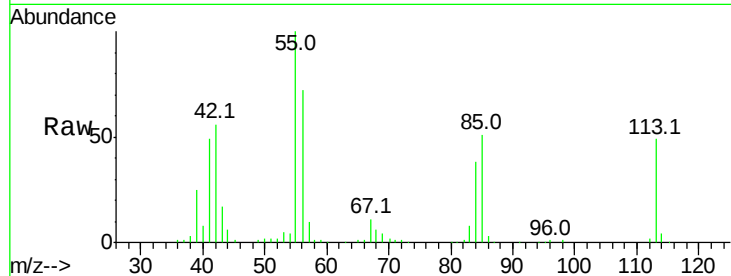
ClientSampled :

SW-001MSD

Tot Ion:	113	Resp:	136619
Ion Ratio	Lower	Upper	
113	100		
55	205.8	119.2	159.2#
56	147.2	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 46.29 ng/ml

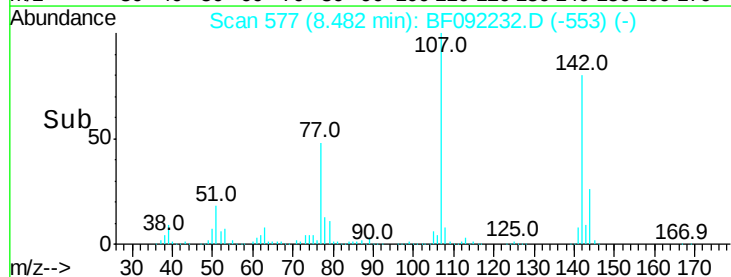
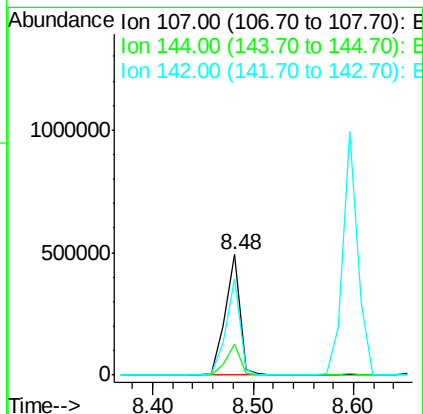
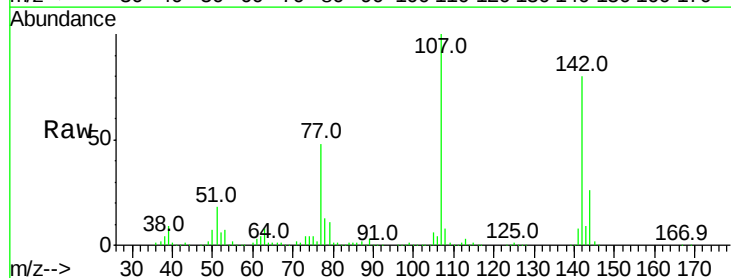
RT: 8.48 min Scan# 577

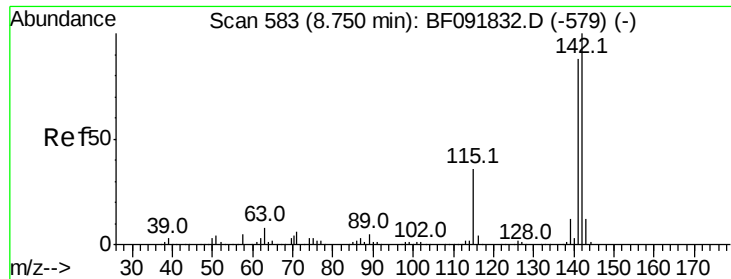
Delta R.T. -0.02 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion:	107	Resp:	501561
Ion Ratio	Lower	Upper	
107	100		
144	26.2	19.3	28.9
142	80.3	59.0	88.6





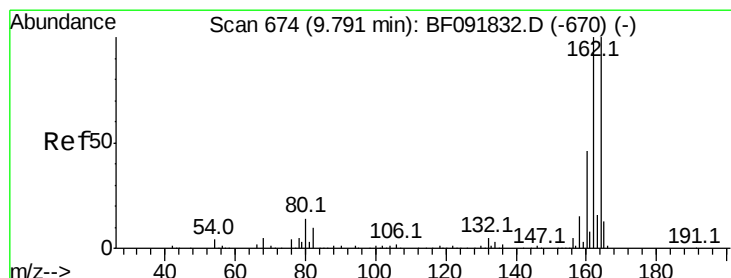
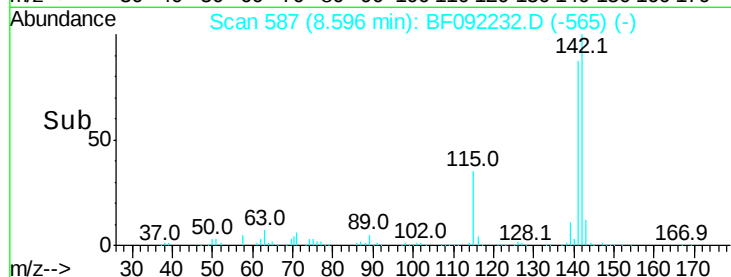
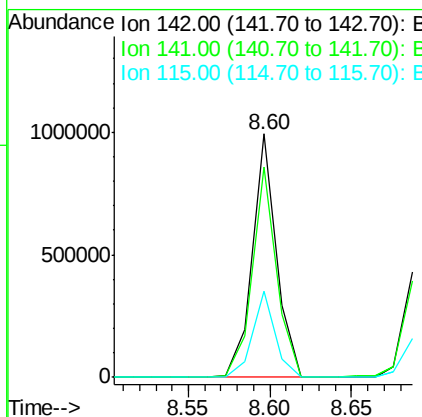
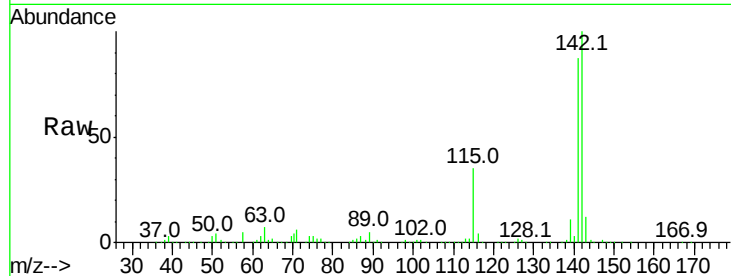
#37
2-Methylnaphthalene
Concen: 57.53 ng
RT: 8.60 min Scan# 587
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.0	106.6
115	35.3	28.3	42.5

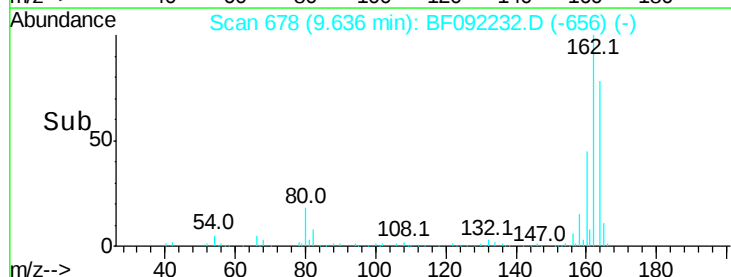
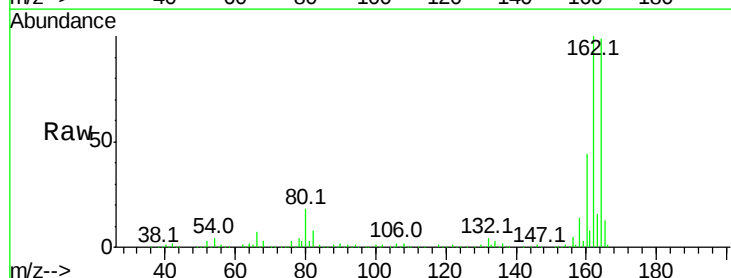
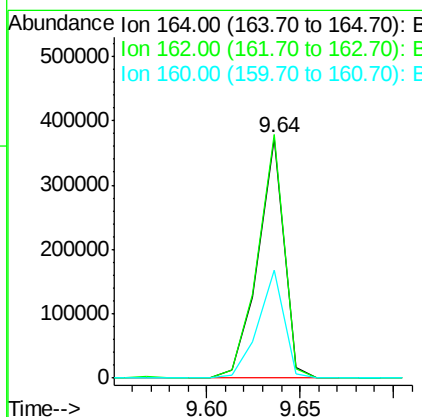
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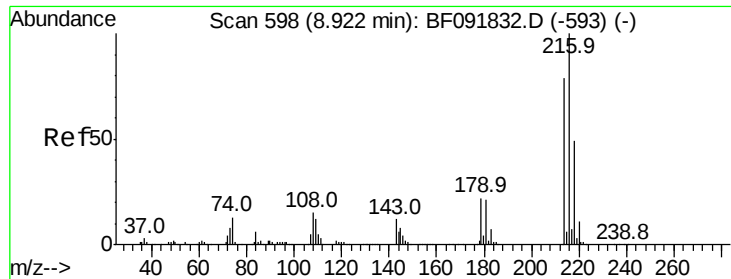
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	45.1	36.9	55.3





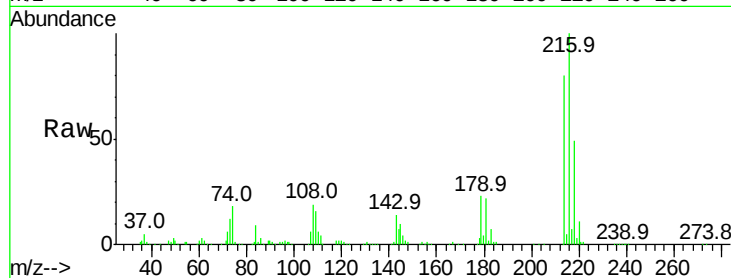
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.87 ng
 RT: 8.77 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

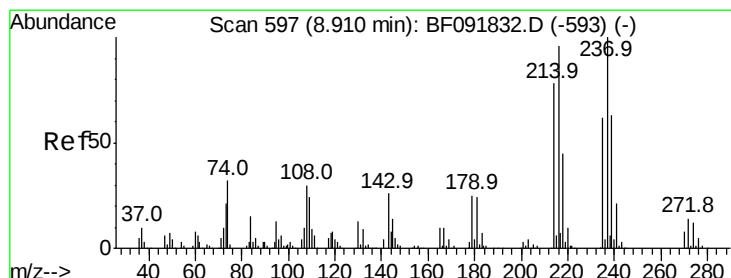
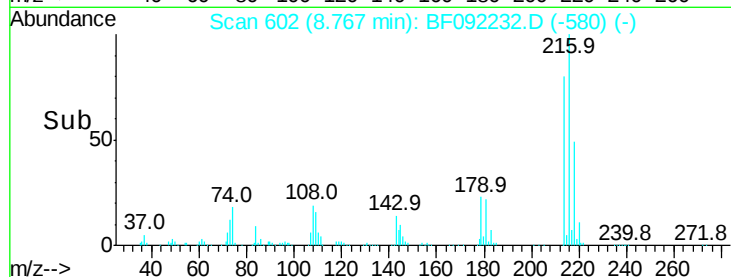
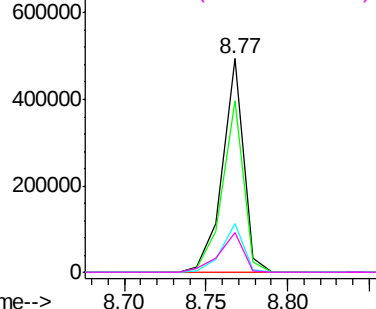
Tot Ion	Ratio	Resp	Lower	Upper
216	100	446180		
214	80.7	63.4	95.0	
179	23.0	17.4	26.2	
108	21.4	15.6	23.4	

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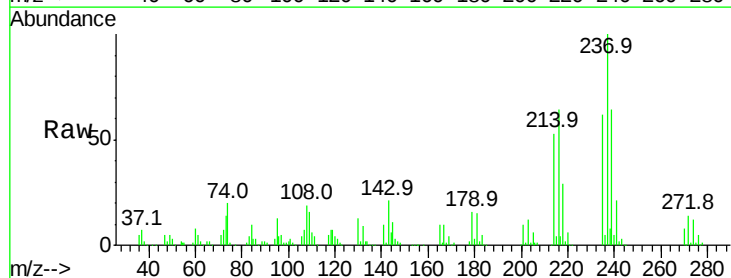


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

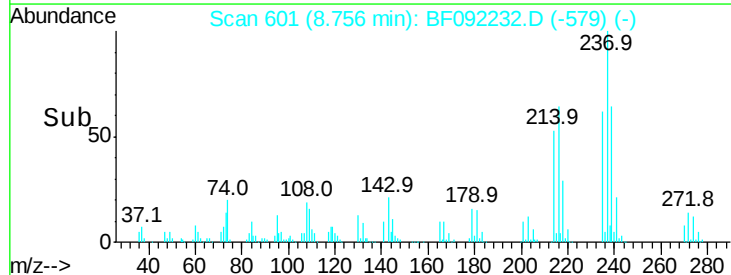
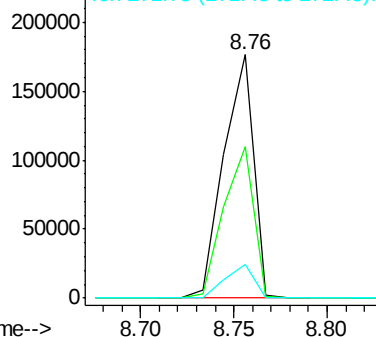


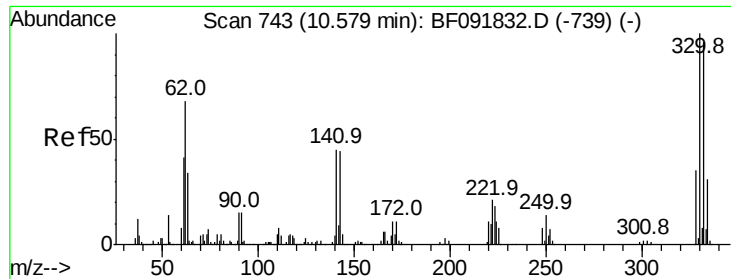
#40
 Hexachlorocyclopentadiene
 Concen: 50.27 ng
 RT: 8.76 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	198084		
235	62.2	41.2	81.2	
272	13.8	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





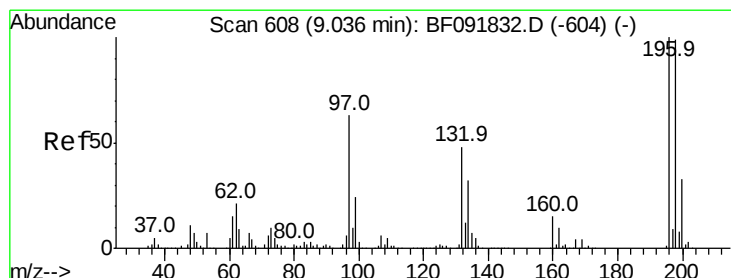
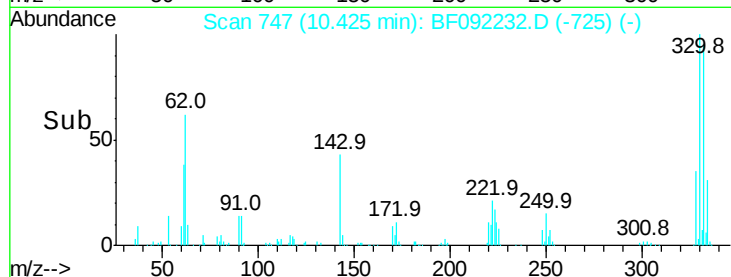
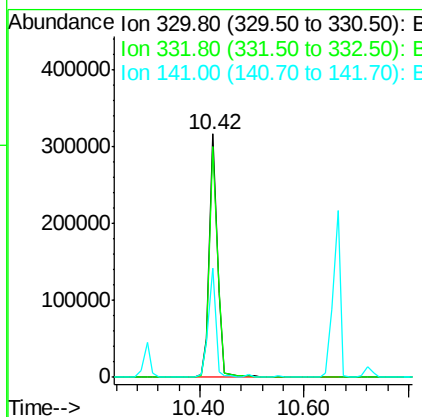
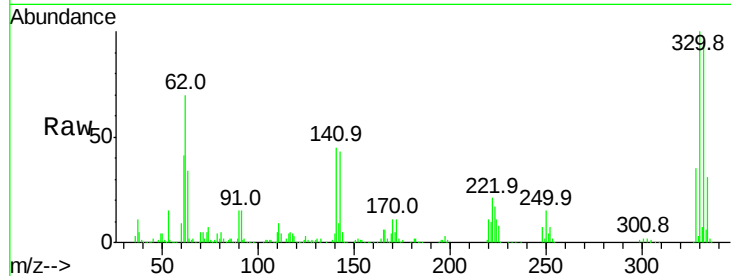
#41
 2,4,6-Tribromophenol
 Concen: 116.39 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	348075		
332	95.5	77.4	116.2	
141	40.1	34.1	51.1	

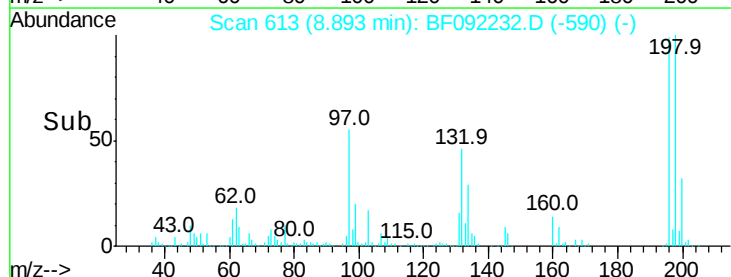
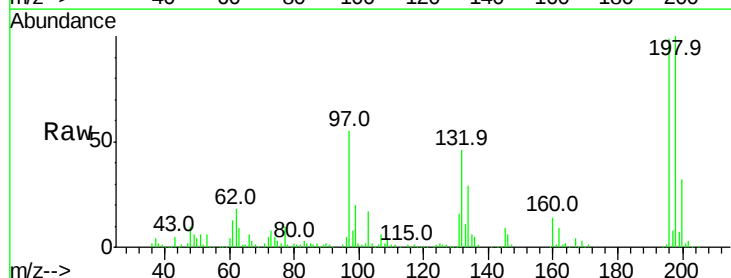
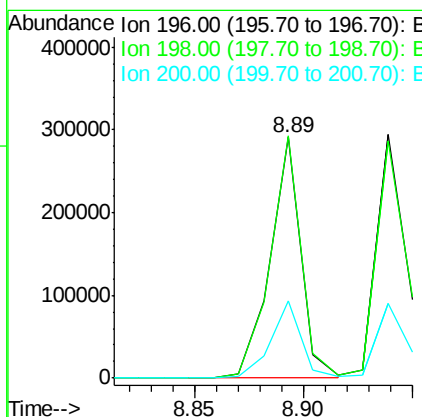
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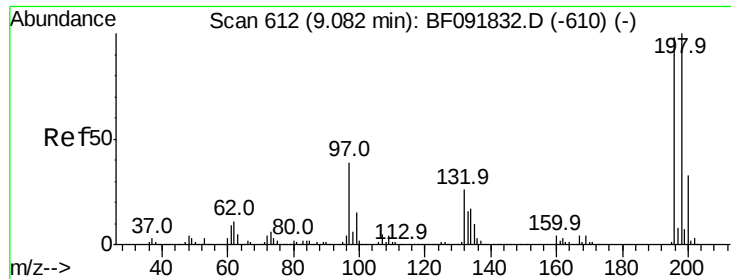
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#42
 2,4,6-Trichlorophenol
 Concen: 45.39 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289828		
198	100.5	82.1	123.1	
200	32.2	27.0	40.4	





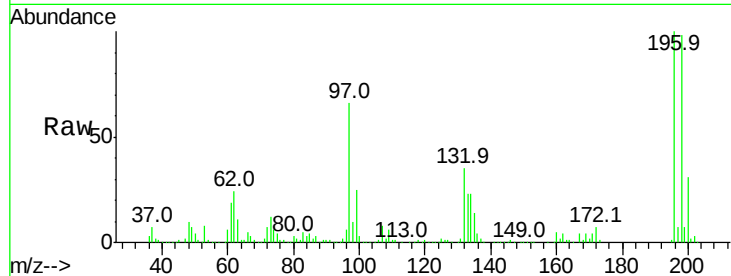
#43
 2,4,5-Trichlorophenol
 Concen: 43.47 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	285642		
198	97.7	79.4	119.2	
97	65.9	51.5	77.3	
132	35.0	27.4	41.2	

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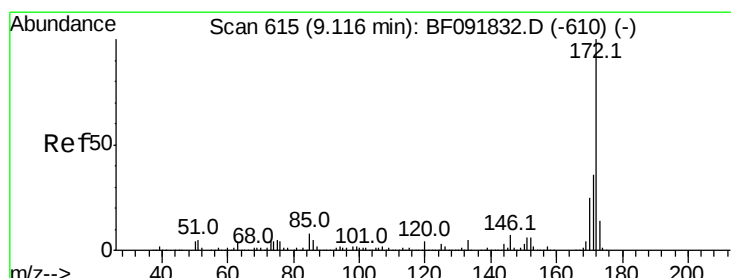
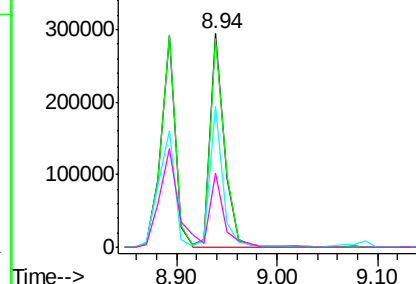
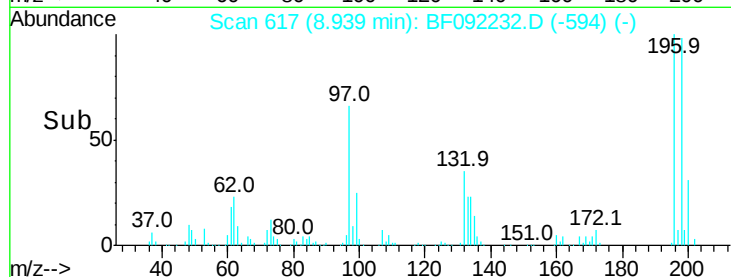
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

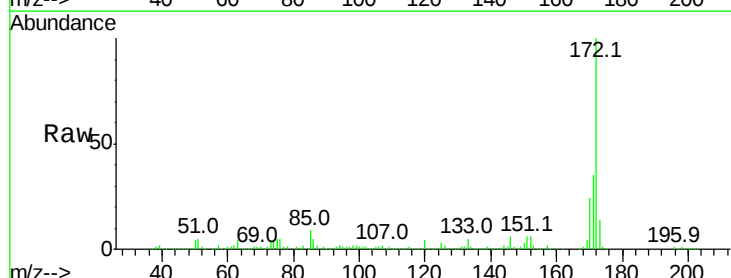
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 109.09 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1859537		
171	35.1	29.4	44.0	
170	24.0	20.2	30.4	

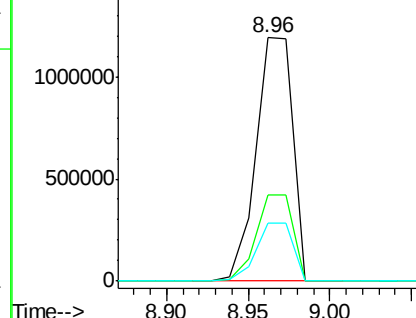
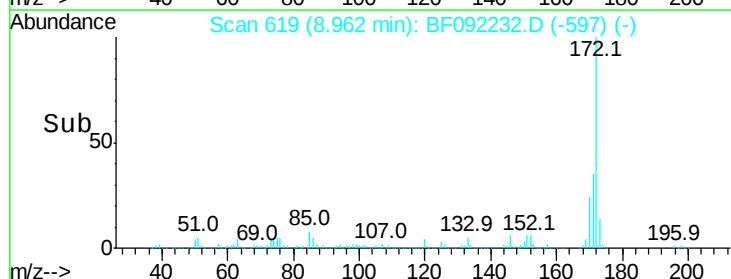


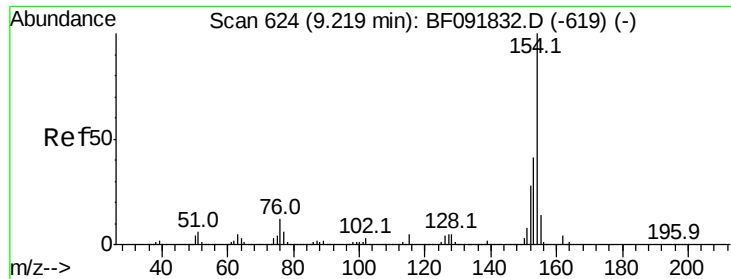
Abundance

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





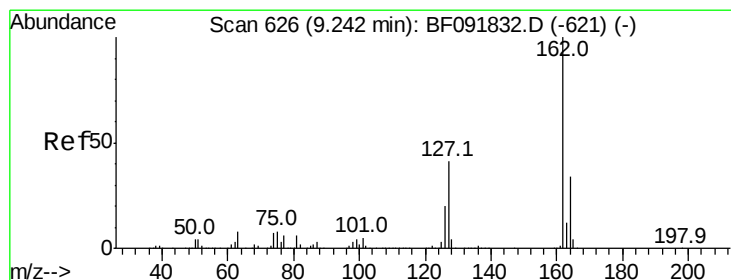
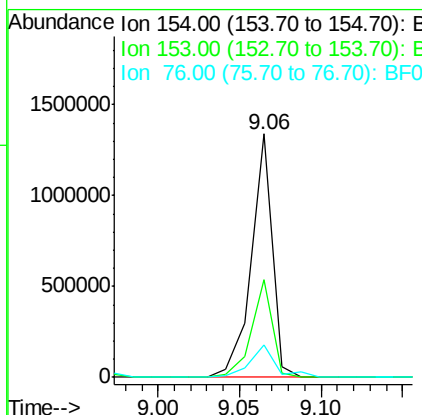
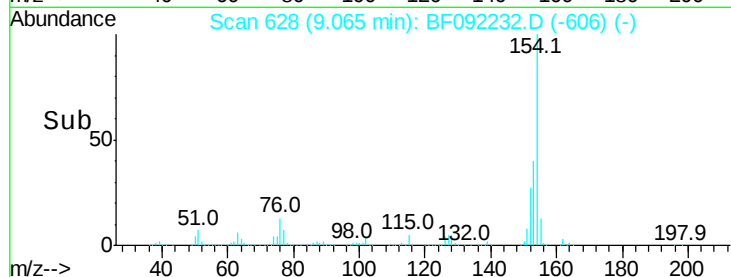
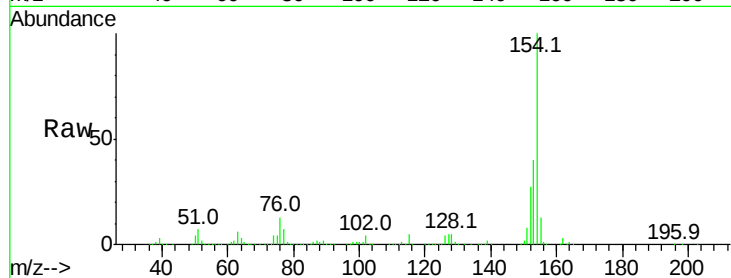
#45
 1,1'-Biphenyl
 Concen: 48.26 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.9	60.9
76	13.1	0.0	30.5

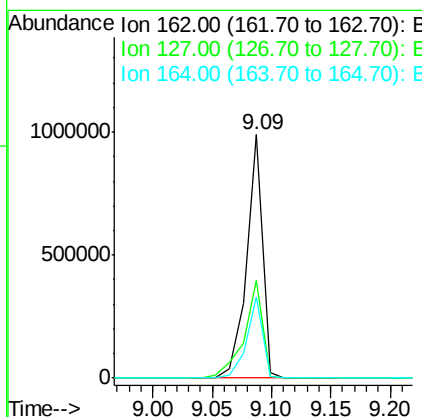
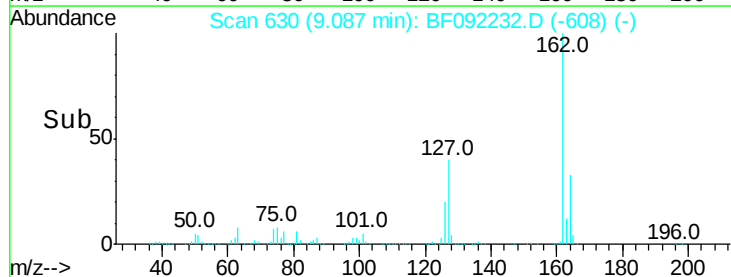
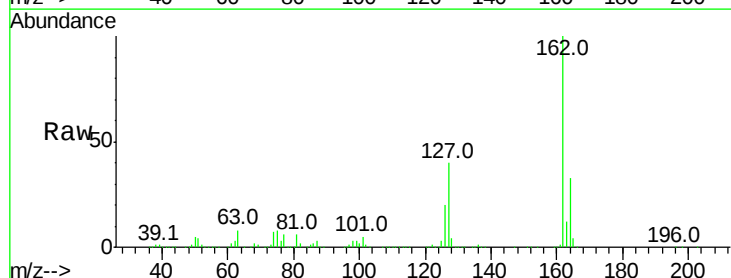
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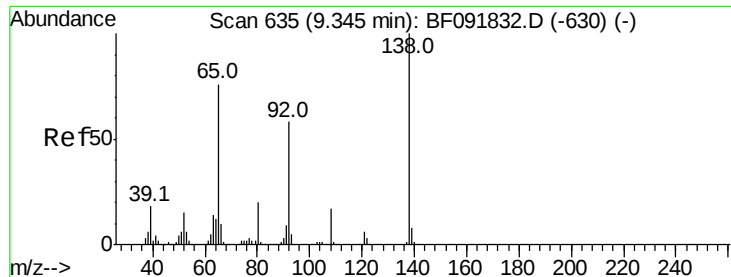
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#46
 2-Chloronaphthalene
 Concen: 47.64 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.7	46.1
164	33.4	27.6	41.4





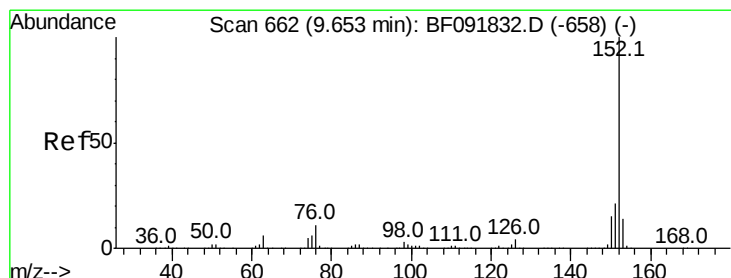
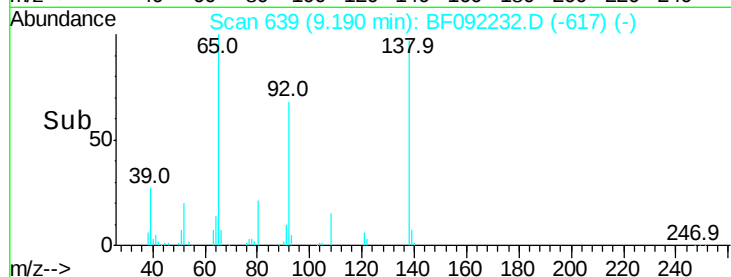
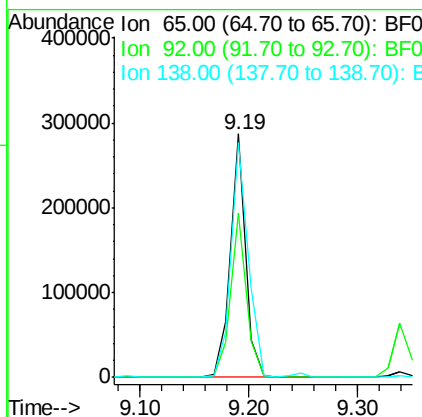
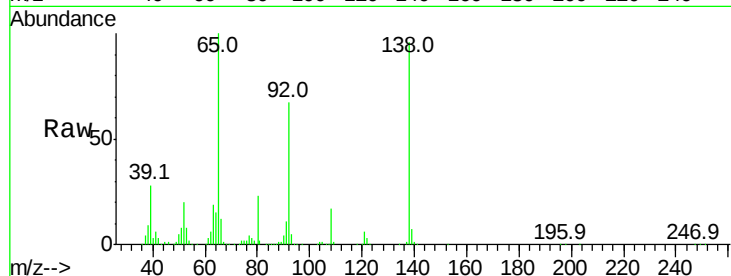
#47
2-Nitroaniline
Concen: 39.77 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.9	80.9
138	96.3	76.8	115.2

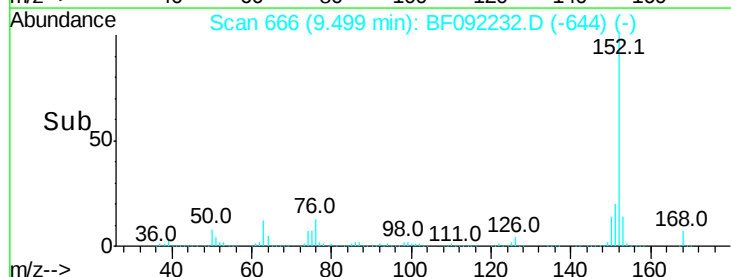
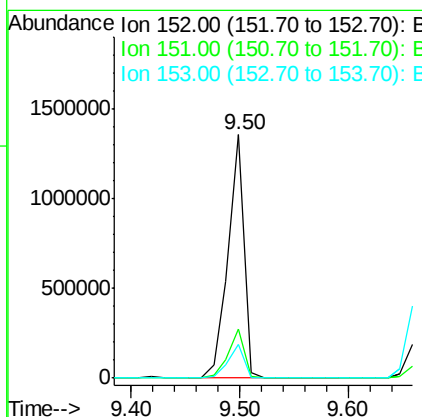
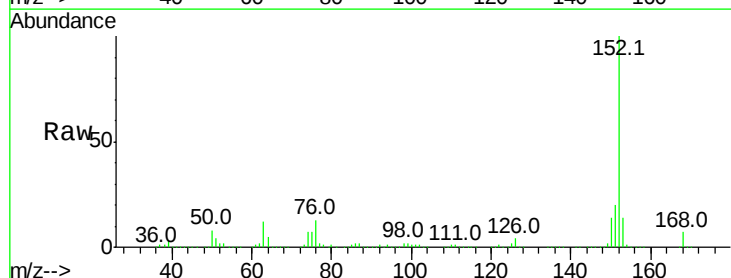
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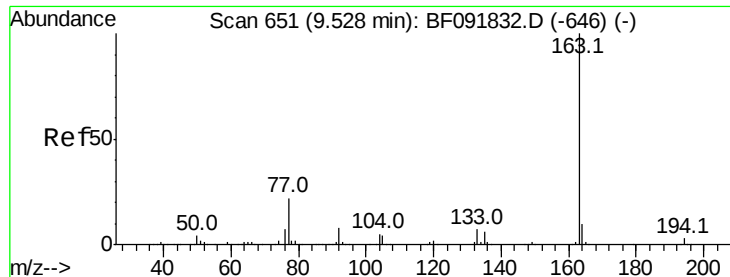
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#48
Acenaphthylene
Concen: 45.78 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.9	11.4	17.2





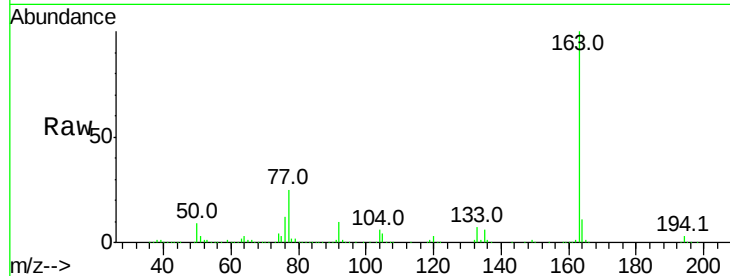
#49
Dimethylphthalate
Concen: 70.85 ng
RT: 9.37 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

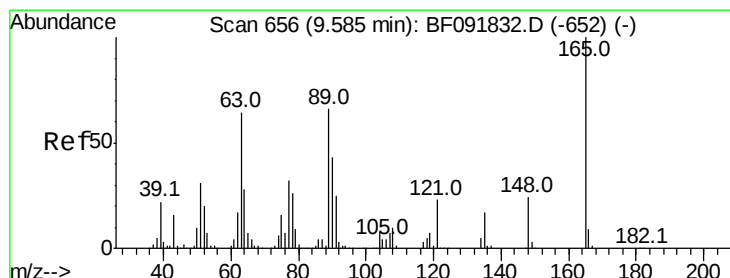
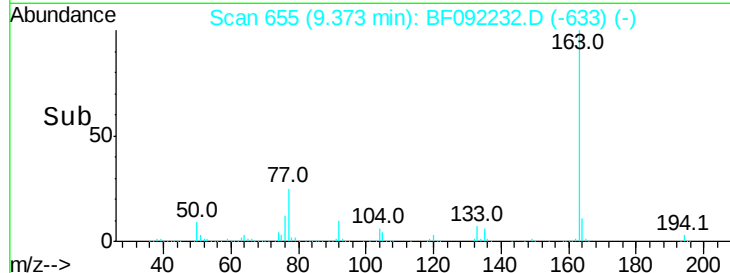
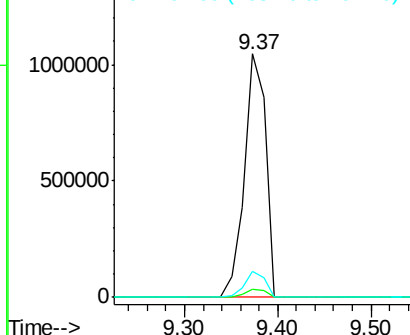
Tot Ion:163 Resp: 1637527
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.7 8.0 12.0

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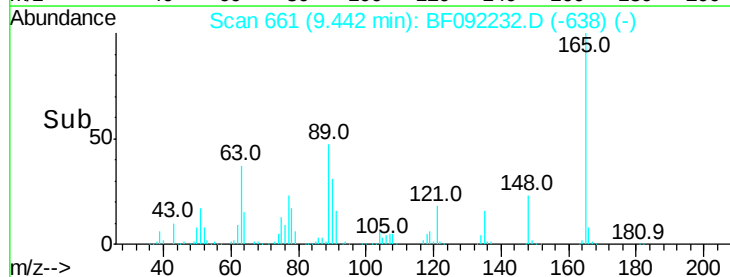
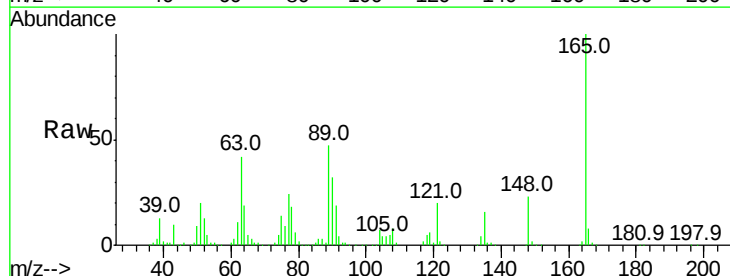
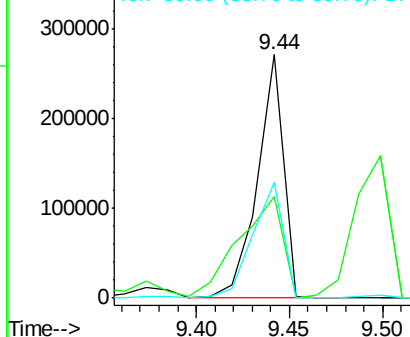
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

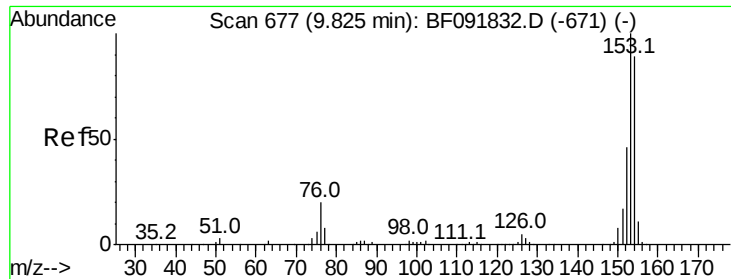


#50
2,6-Dinitrotoluene
Concen: 51.41 ng
RT: 9.44 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion:165 Resp: 260093
Ion Ratio Lower Upper
165 100
63 42.0 36.2 54.4
89 47.3 40.2 60.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.66 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

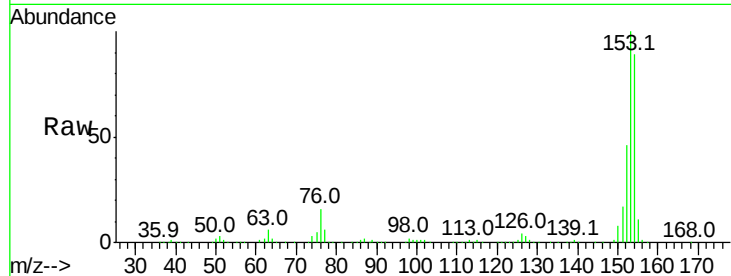
ClientSampleId :

SW-001MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.8	88.6	133.0
152	51.1	41.6	62.4

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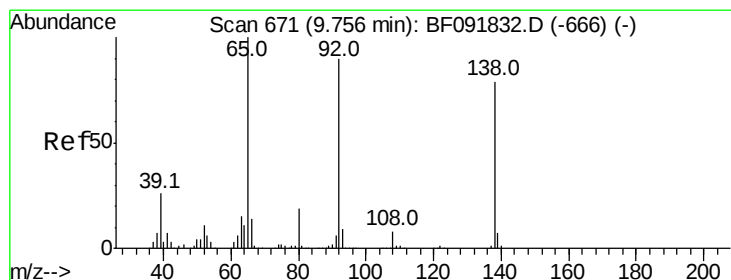
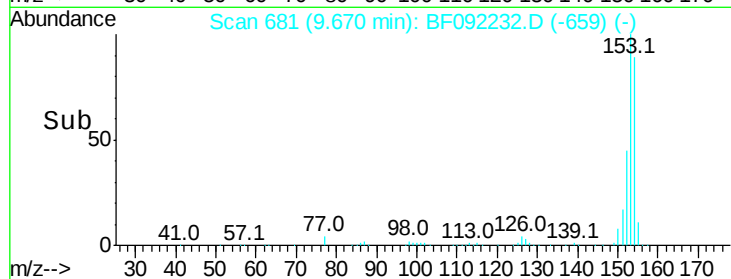
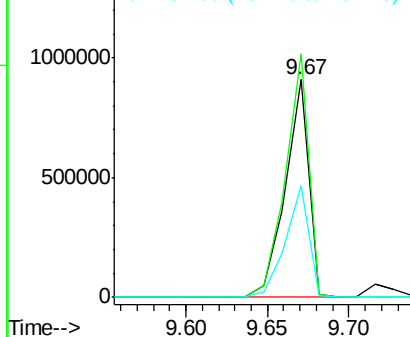
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.71 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF092232.D

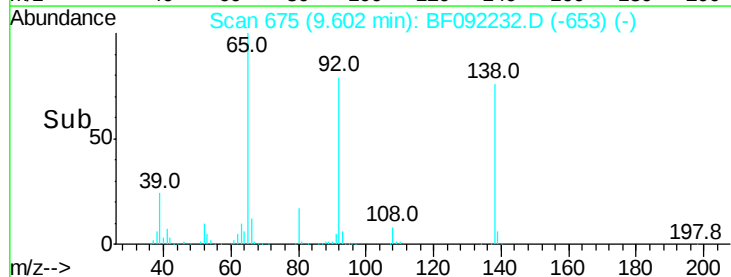
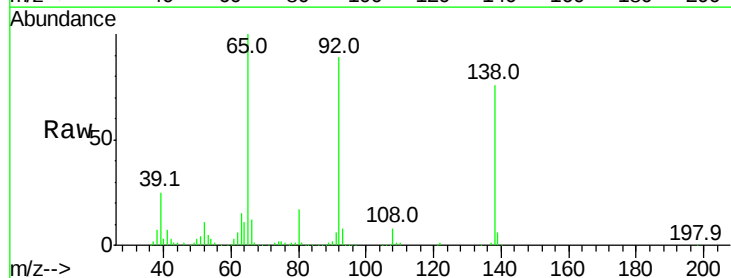
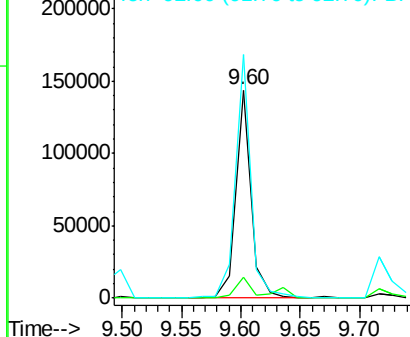
Acq: 13 Jan 2017 3:49

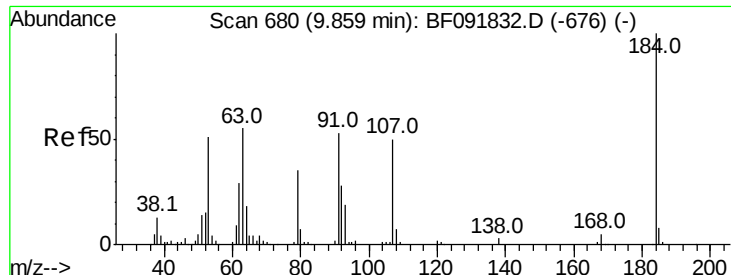
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.5	12.7
92	117.2	97.8	146.8

Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





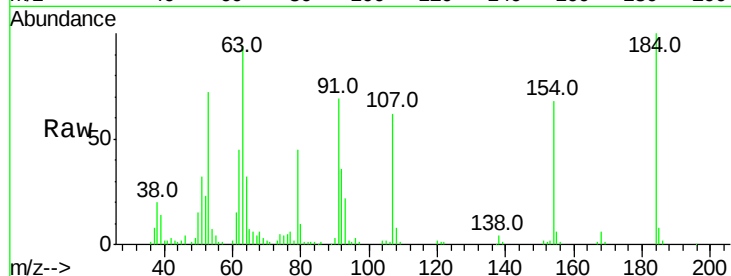
#53
2,4-Dinitrophenol
Concen: 41.80 ng
RT: 9.72 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

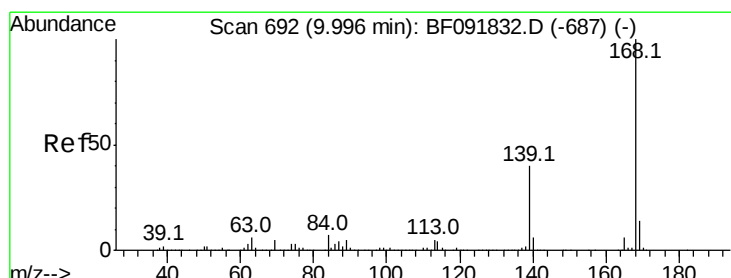
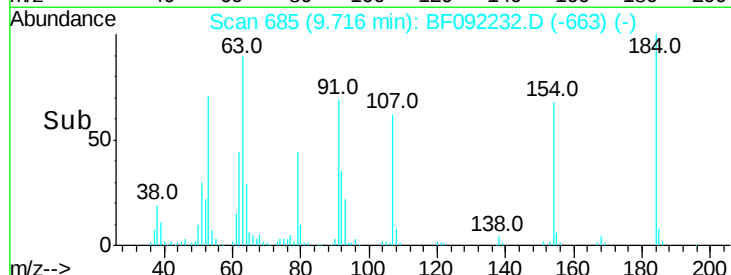
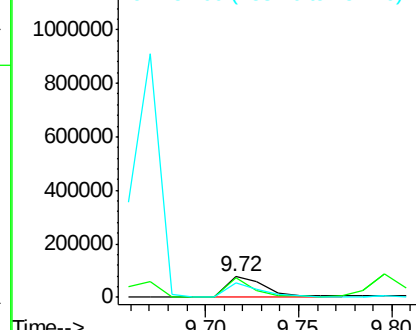
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	93.6	28.4	42.6#	
154	68.2	44.3	66.5#	

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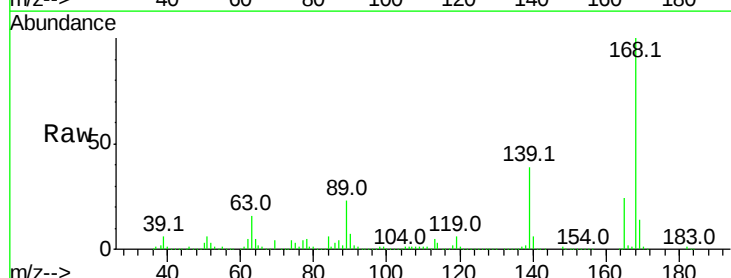


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

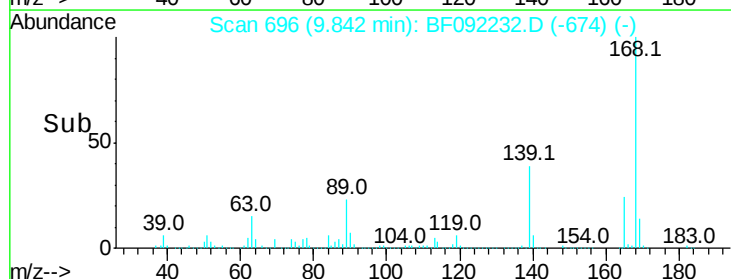
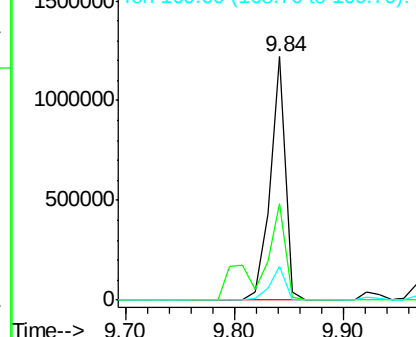


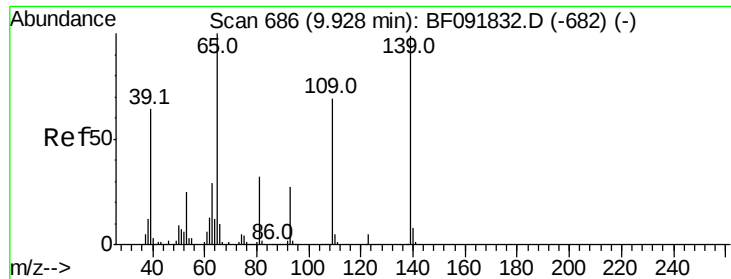
#54
Dibenzofuran
Concen: 43.14 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.5	32.6	49.0	
169	13.7	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: 64.24 ng/mL

RT: 9.81 min Scan# 693

Delta R.T. -0.02 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleID :

SW-001MSD

Tot Ion:139 Resp: 273062

Ion Ratio Lower Upper

139 100

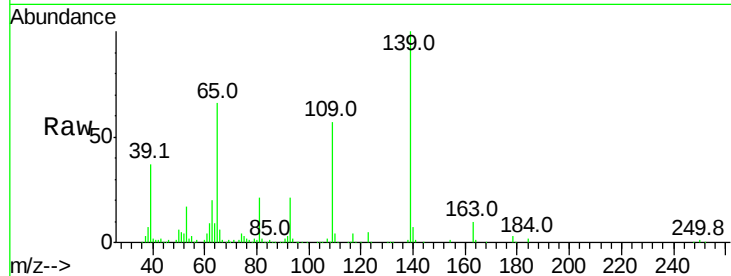
109 56.5 52.2 92.2

65 66.1 85.8 125.8#

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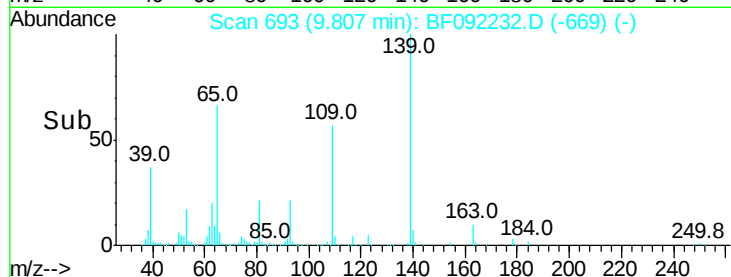


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



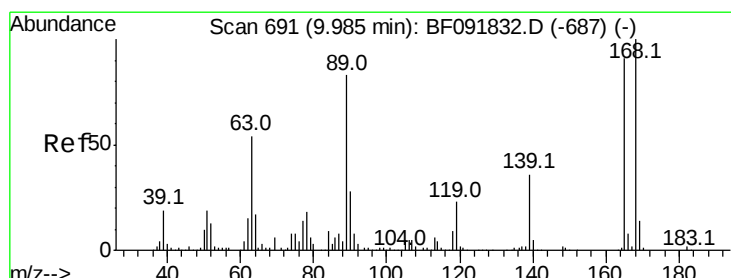
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



#56

2,4-Dinitrotoluene

Concen: 42.67 ng/mL

RT: 9.84 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion:165 Resp: 270915

Ion Ratio Lower Upper

165 100

63 65.2 40.2 60.4#

89 93.9 62.5 93.7#

182 2.2 1.8 2.8

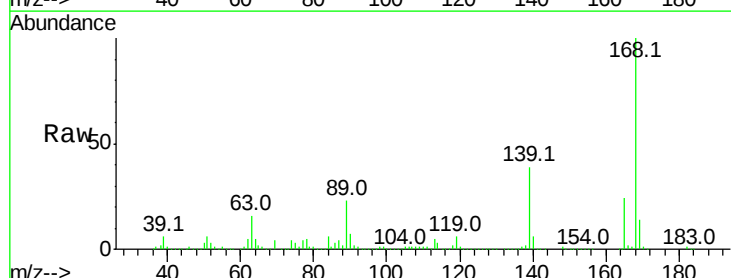
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Abundance

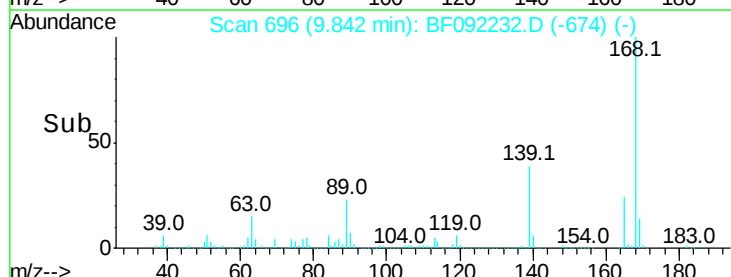
Ion 165.00 (164.70 to 165.70): E

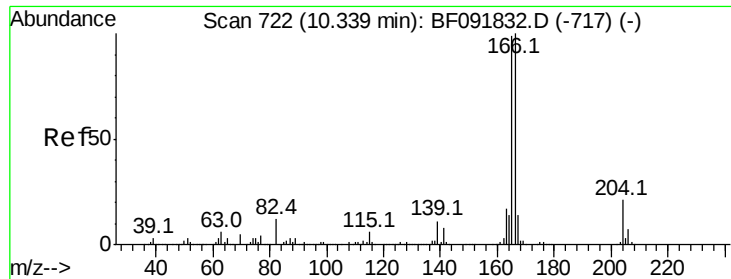
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->





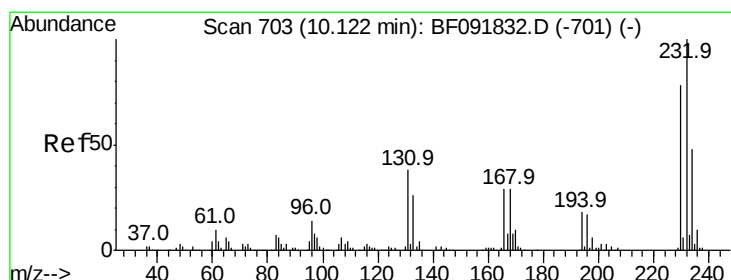
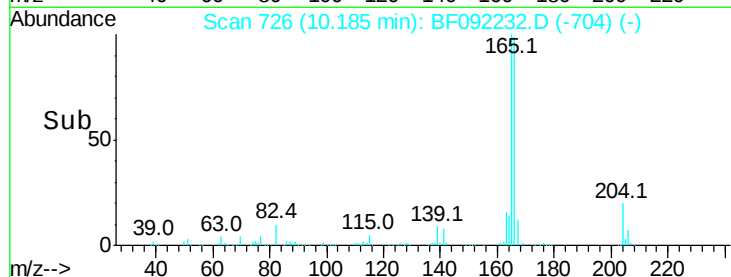
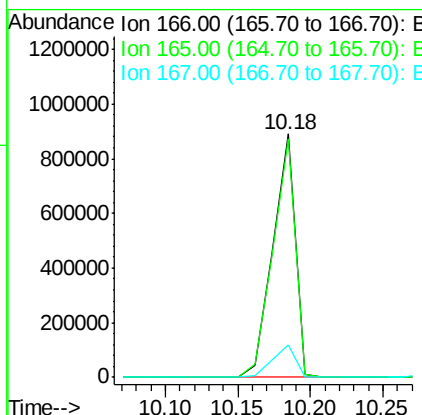
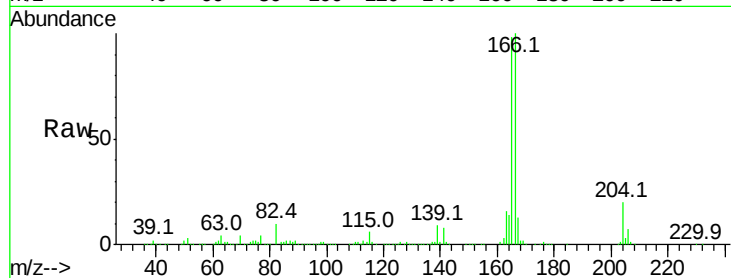
#57
Fluorene
 Concen: 47.63 ng
 RT: 10.18 min Scan# 726
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.7	77.8	116.8	
167	13.2	10.8	16.2	

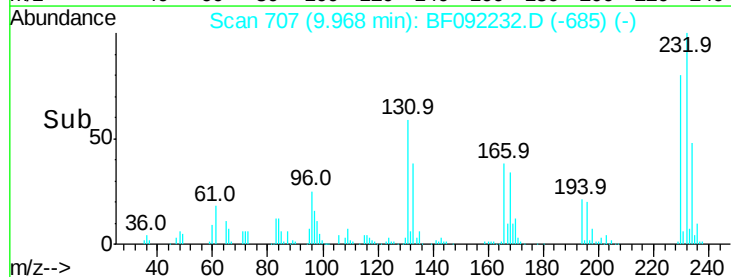
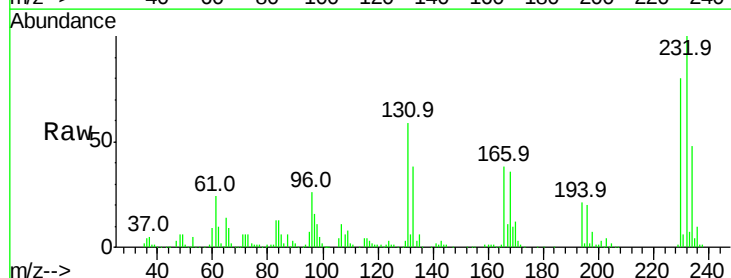
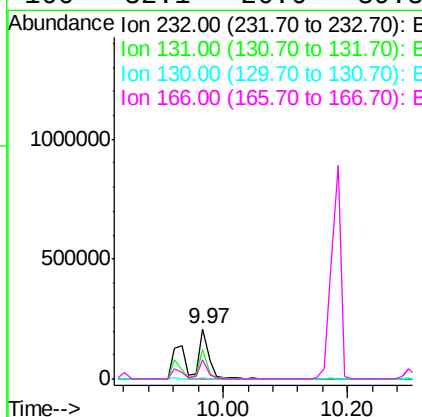
Manual Integrations
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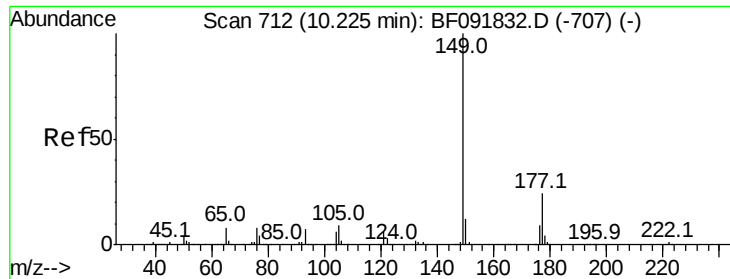
Sohil
 1/13/2017 11:07:17 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.34 ng
 RT: 9.97 min Scan# 707
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	49.3	40.1	60.1	
130	2.4	1.8	2.8	
166	32.1	26.6	39.8	





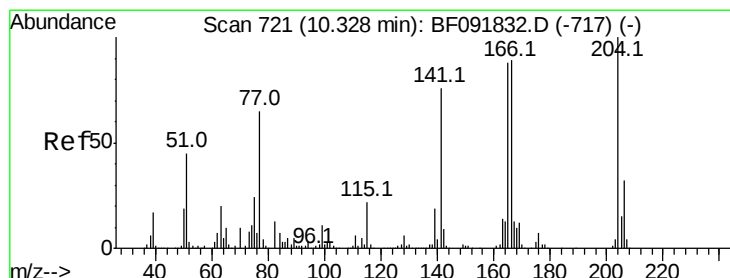
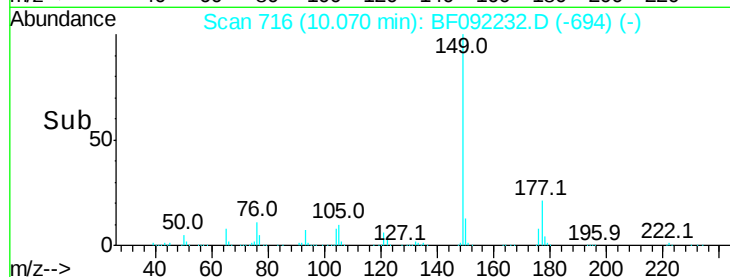
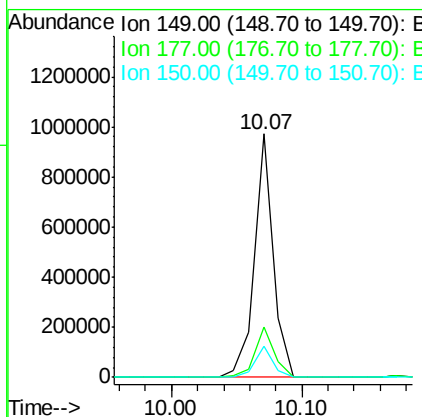
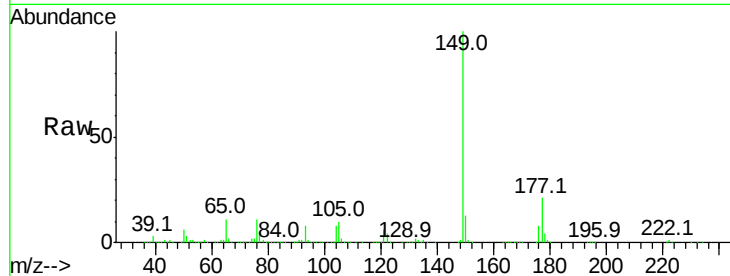
#59
Diethylphthalate
Concen: 43.27 ng
RT: 10.07 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.6	25.0
150	12.6	10.4	15.6

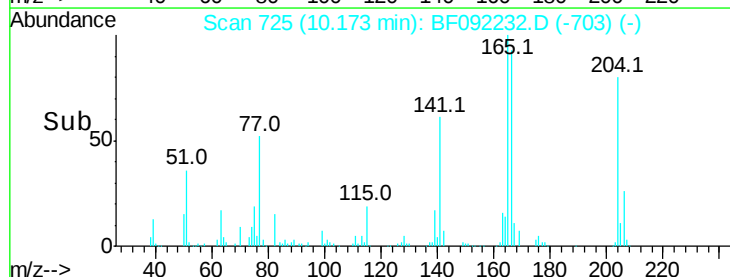
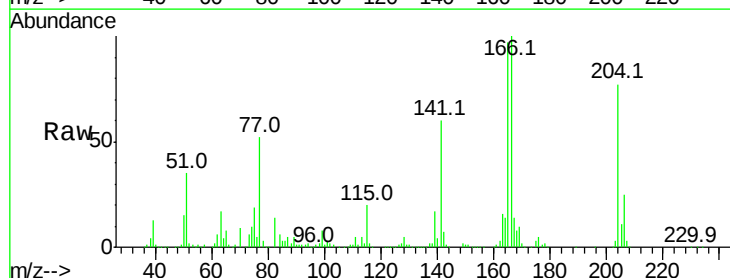
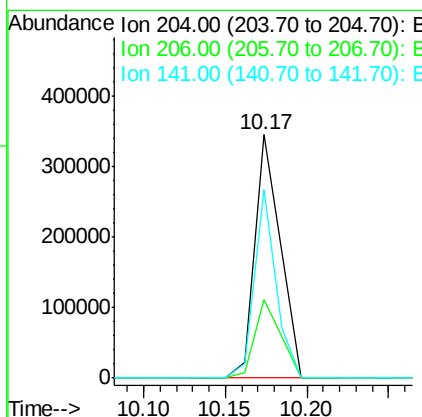
Manual Integrations
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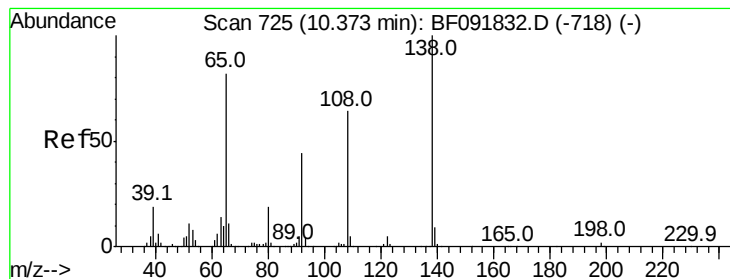
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 42.78 ng
RT: 10.17 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.6
141	77.4	59.4	89.0





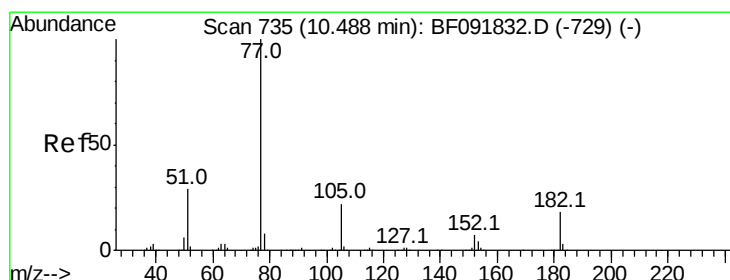
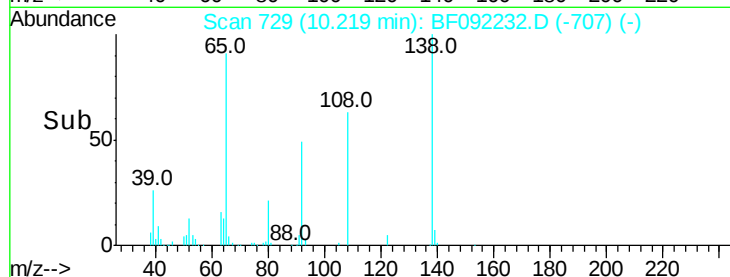
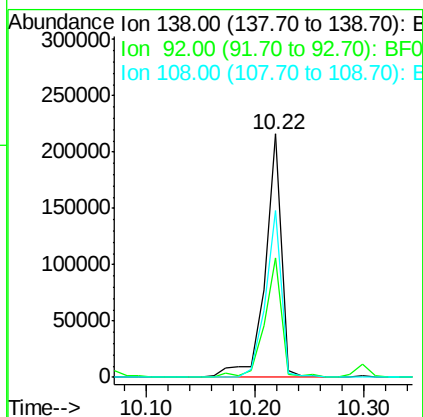
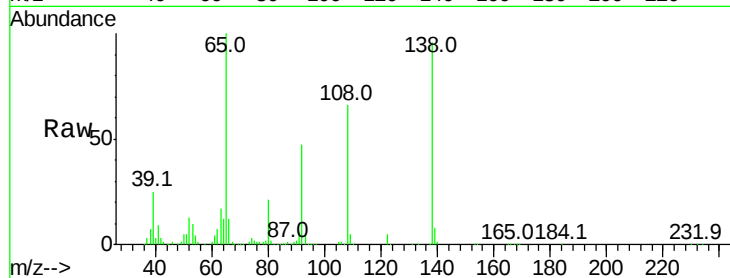
#61
4-Nitroaniline
Concen: 35.10 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.2	31.7	71.7
108	68.4	52.6	92.6

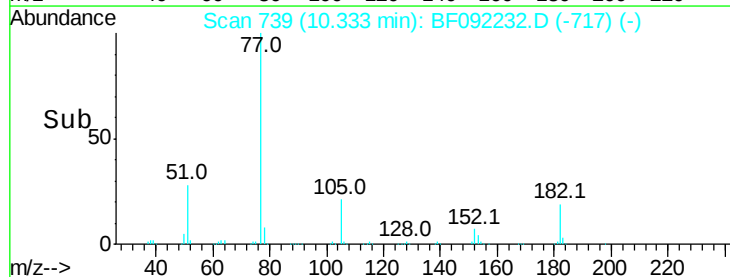
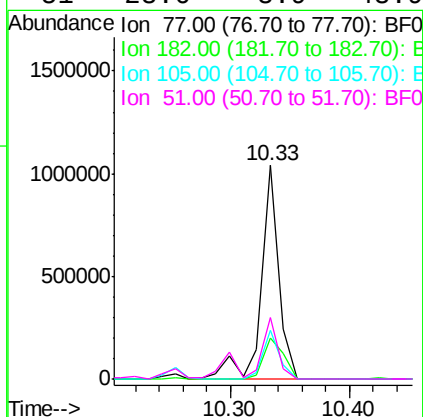
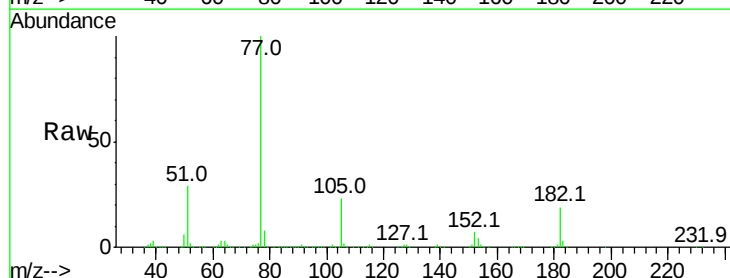
Manual Integrations
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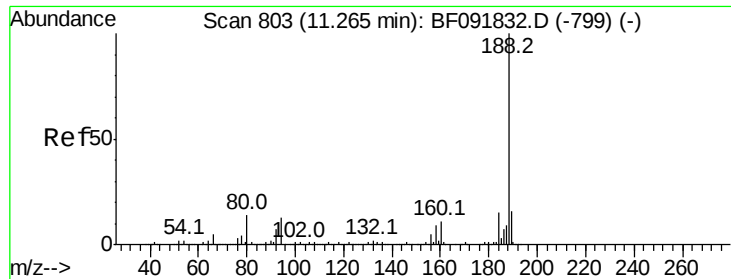
Sohil
1/13/2017 11:07:17 AM



#62
Azobenzene
Concen: 43.82 ng
RT: 10.33 min Scan# 739
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.3	0.0	39.3
105	22.6	2.3	42.3
51	28.6	8.9	48.9





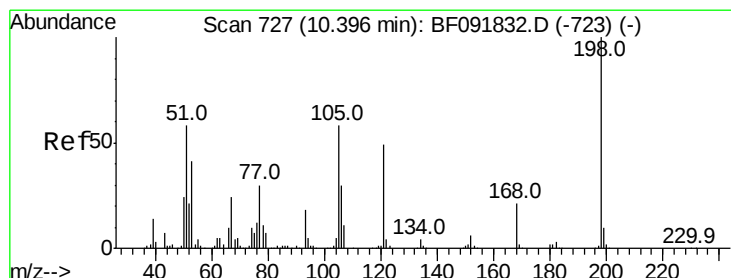
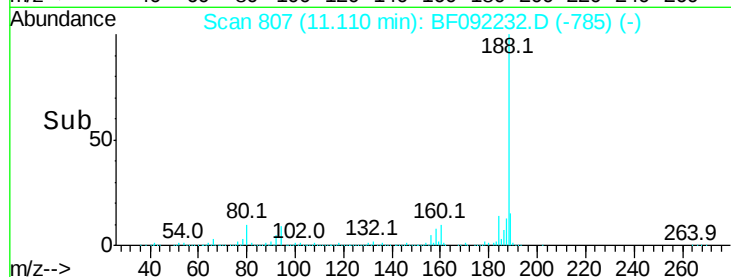
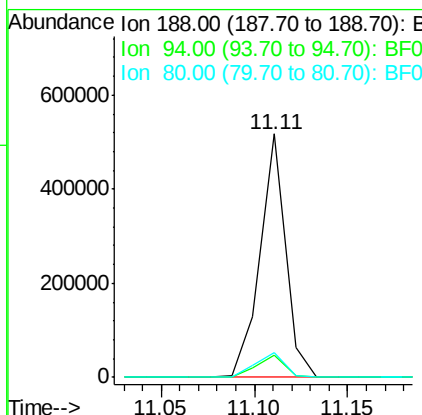
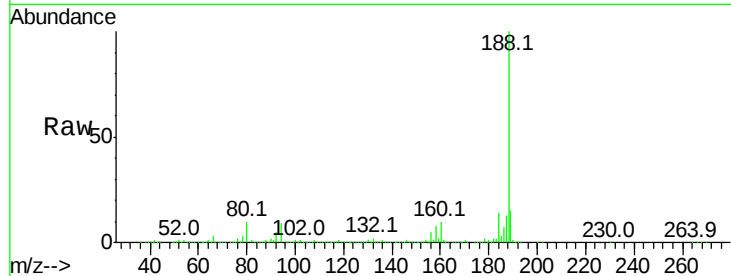
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	491233		
94	9.3	10.0	15.0#	
80	10.2	11.2	16.8#	

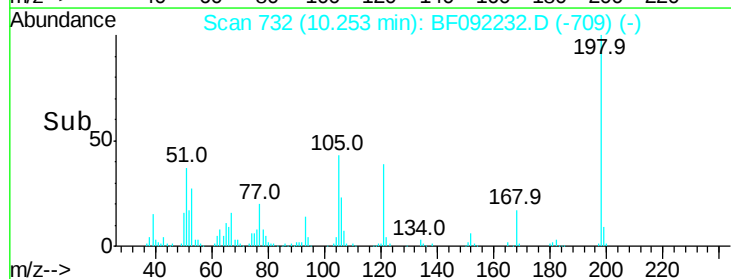
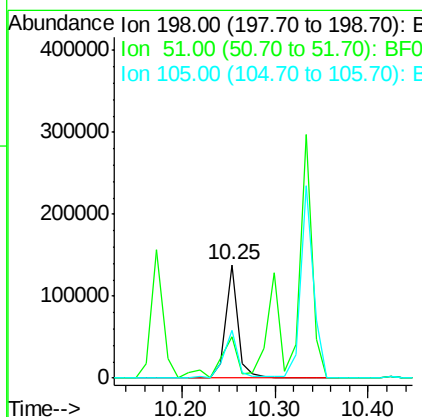
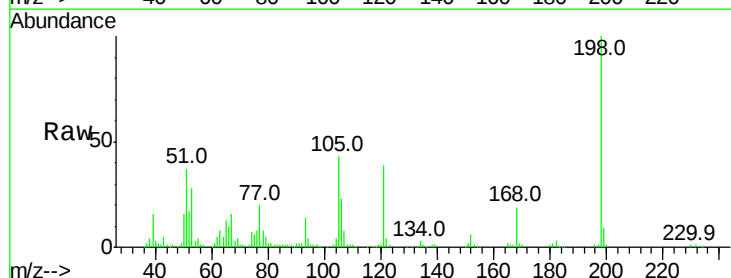
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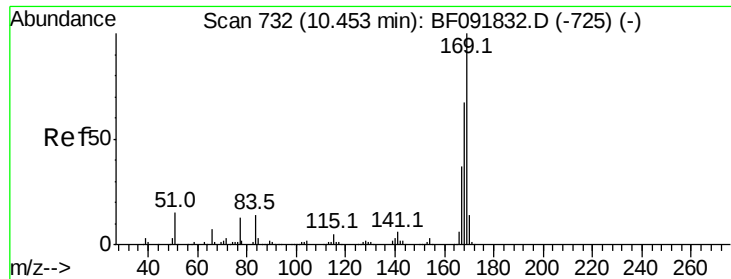
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.44 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF092232.D
Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	126058		
51	37.1	6.7	46.7	
105	42.5	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 52.92 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

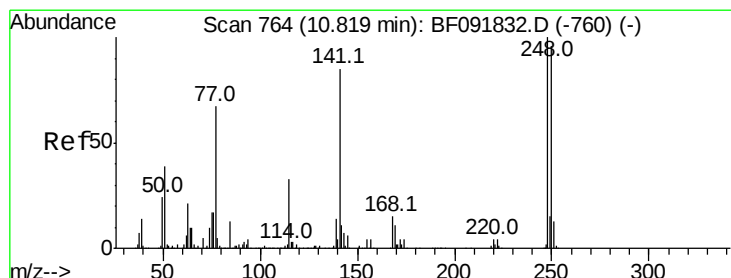
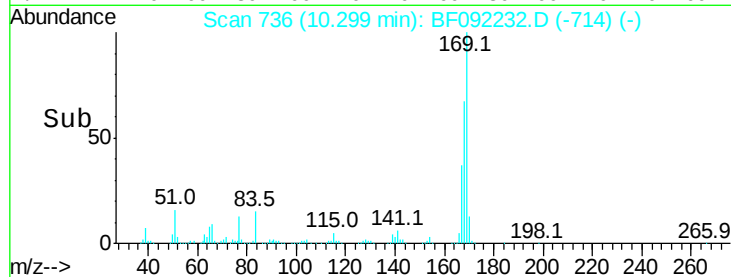
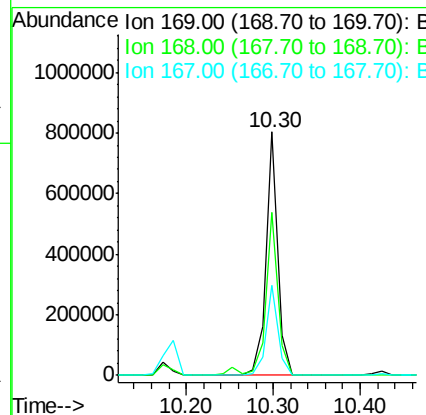
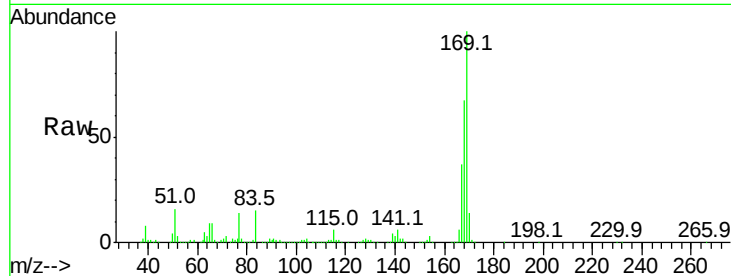
ClientSampleId :

SW-001MSD

Tot Ion:	169	Resp:	771399
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.2	81.2
167	36.9	30.2	45.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 53.29 ng

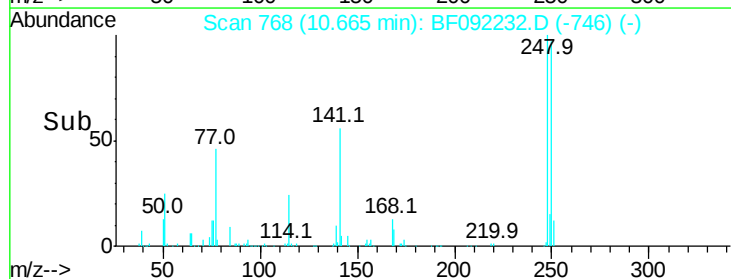
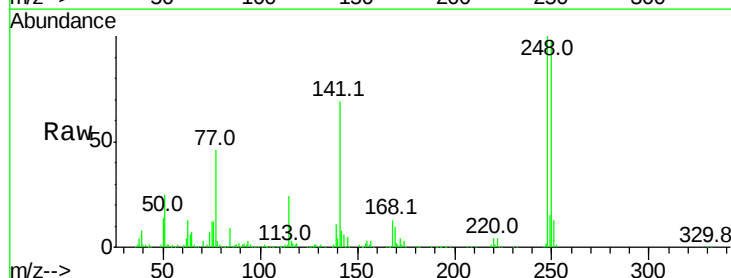
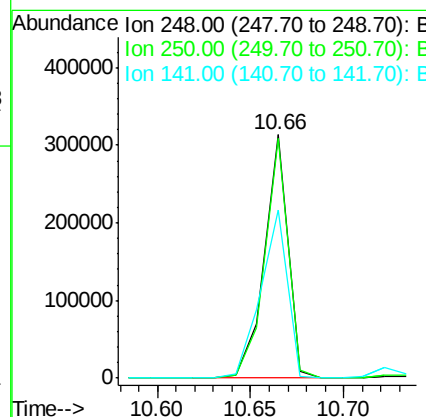
RT: 10.66 min Scan# 768

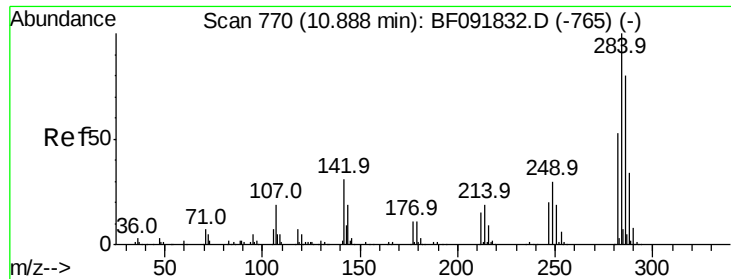
Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion:	248	Resp:	272306
Ion Ratio	Lower	Upper	
248	100		
250	98.3	76.9	115.3
141	69.3	68.2	102.4





#67

Hexachlorobenzene

Concen: 47.39 ng

RT: 10.73 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion:284 Resp: 258817
Ion Ratio Lower Upper

284 100

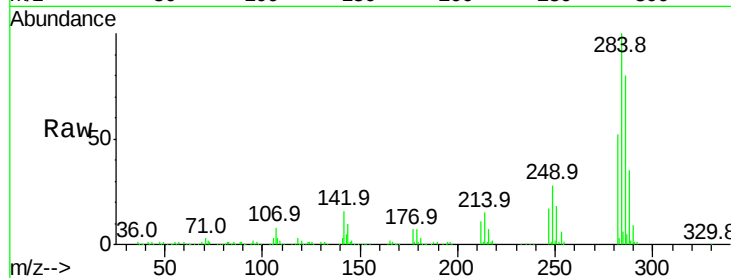
142 15.9 22.6 33.8#

249 27.5 25.4 38.0

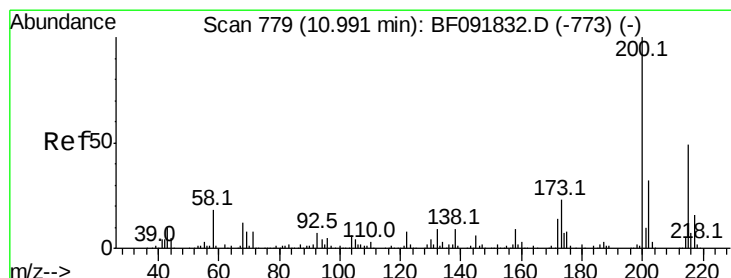
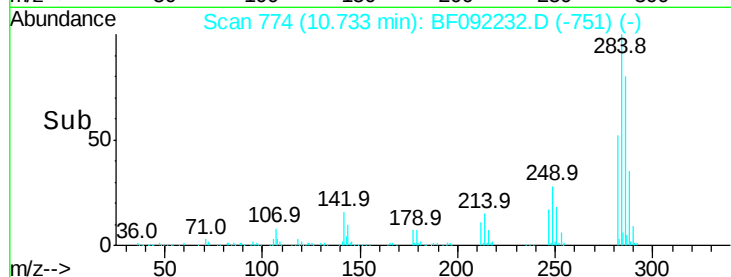
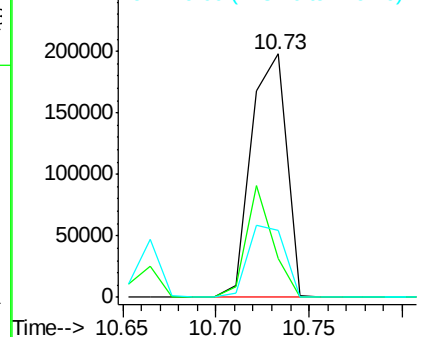
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 53.24 ng

RT: 10.84 min Scan# 783

Delta R.T. -0.05 min

Lab File: BF092232.D

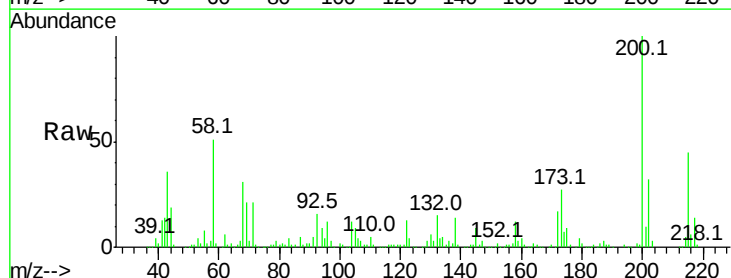
Acq: 13 Jan 2017 3:49

Tgt Ion:200 Resp: 250327
Ion Ratio Lower Upper

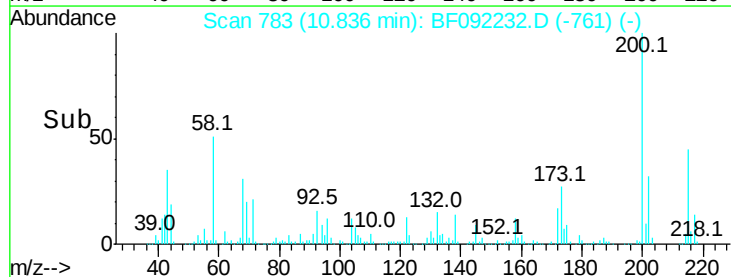
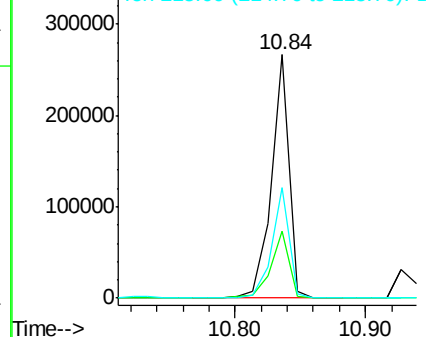
200 100

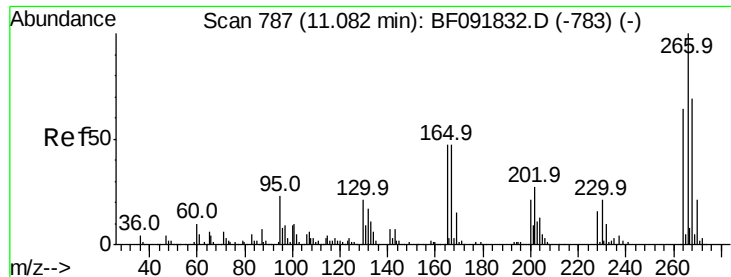
173 27.3 9.6 49.6

215 45.2 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





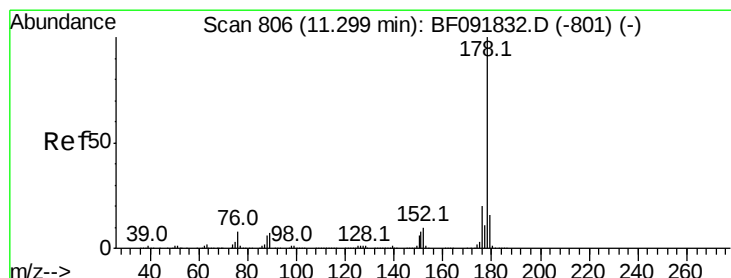
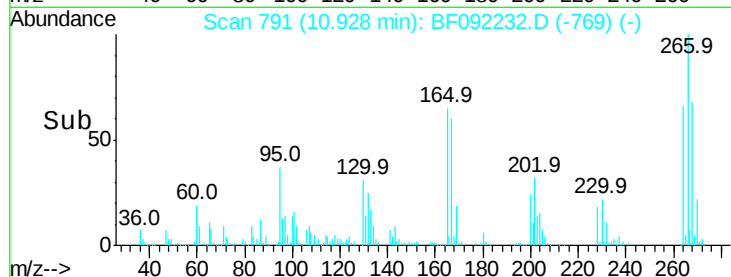
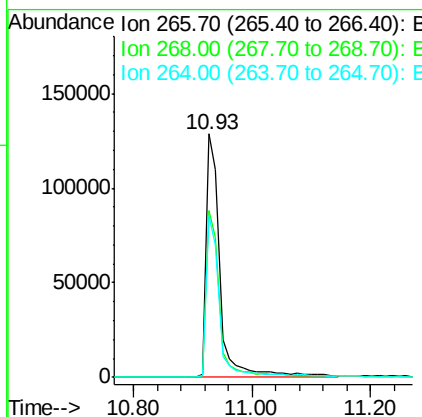
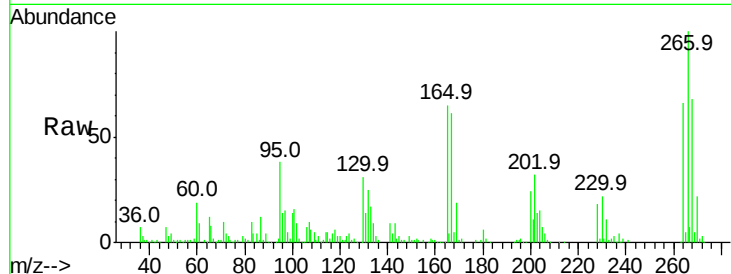
#69
 Pentachlorophenol
 Concen: 79.31 ng
 RT: 10.93 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	212557		
268	68.5	53.3	79.9	
264	66.4	50.3	75.5	

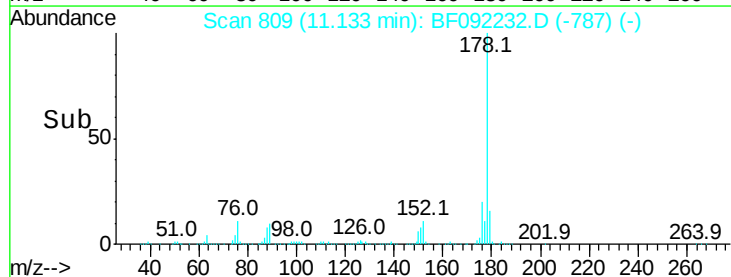
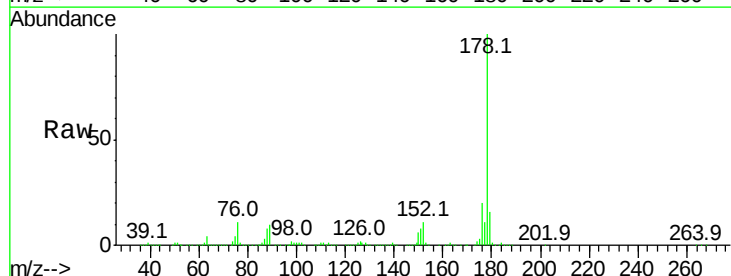
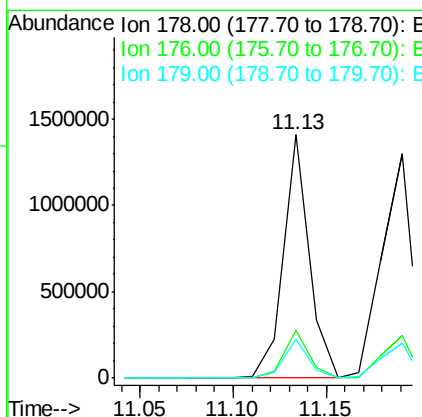
Manual Integrations
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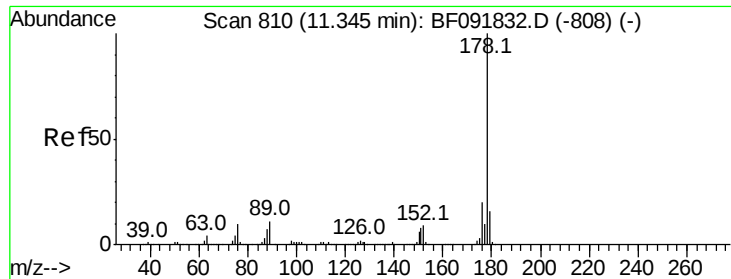
Sohil
 1/13/2017 11:07:17 AM



#70
 Phenanthrene
 Concen: 51.02 ng
 RT: 11.13 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1359027		
176	19.8	16.6	25.0	
179	15.9	12.8	19.2	





#71
 Anthracene
 Concen: 80.51 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

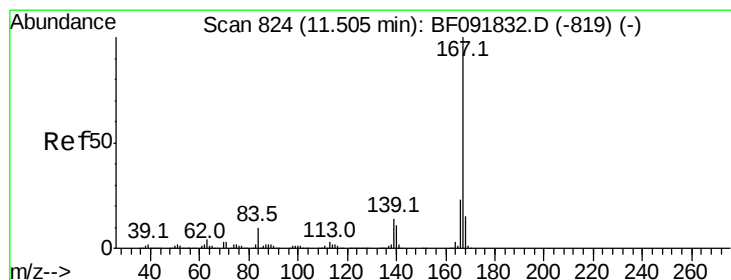
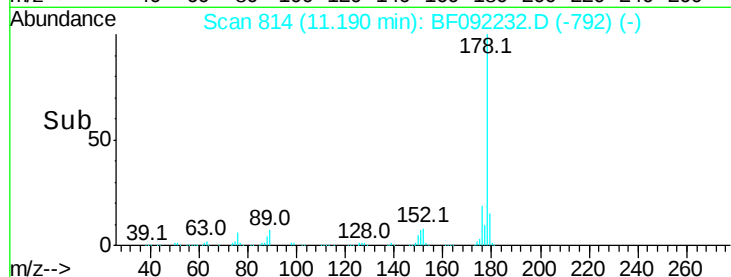
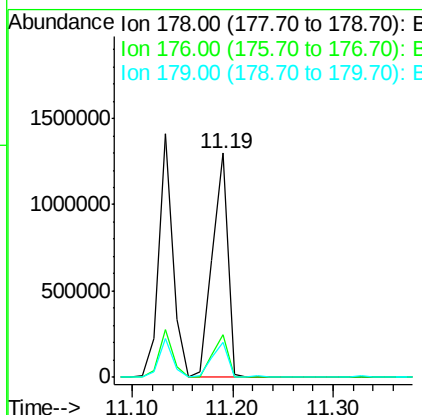
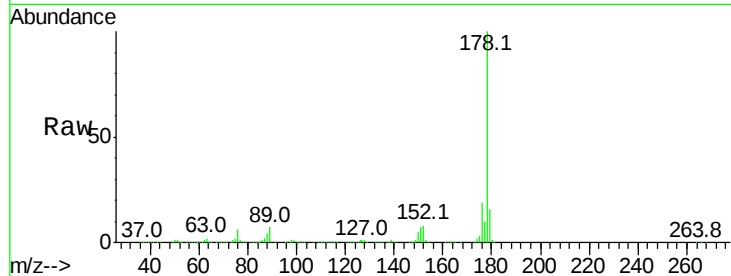
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion:178 Resp: 1396558

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.5	13.2	19.8

Manual Integrations
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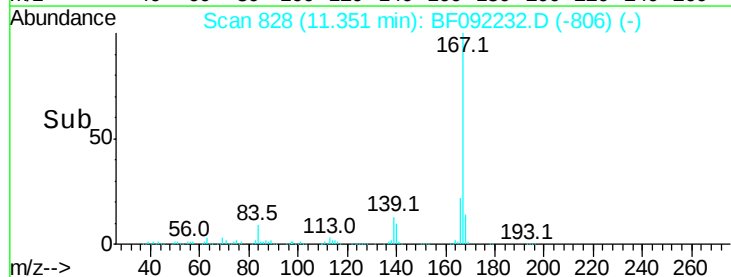
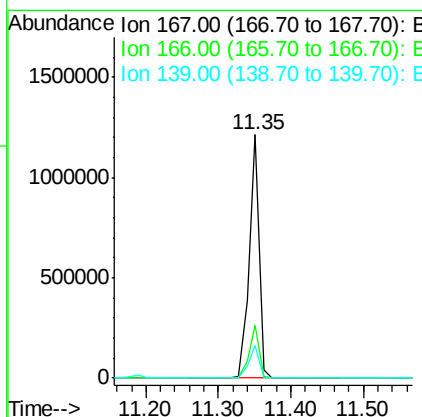
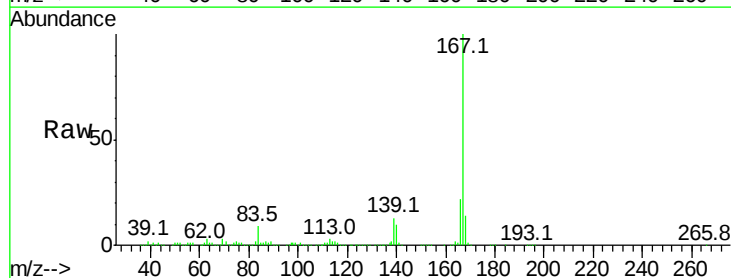
Sohil
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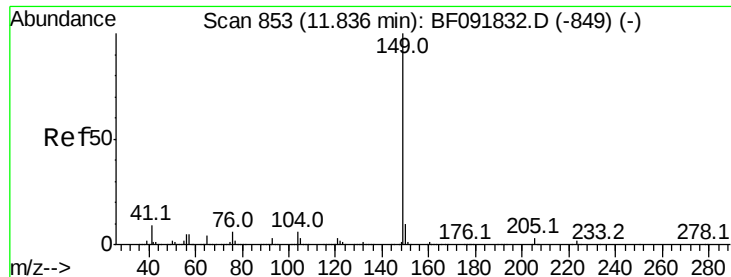


#72
 Carbazole
 Concen: 63.07 ng
 RT: 11.35 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion:167 Resp: 1135266

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	13.3	11.4	17.2





#73

Di-n-butylphthalate

Concen: 56.53 ng

RT: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion:149 Resp: 1400259

Ion Ratio Lower Upper

149 100

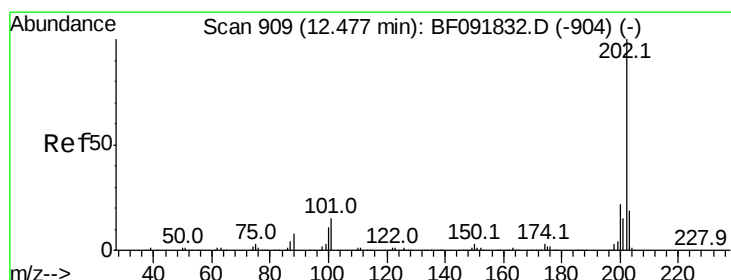
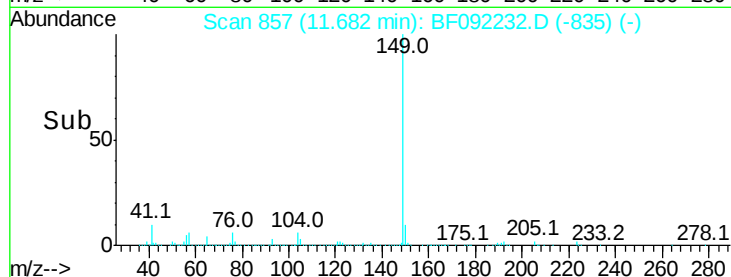
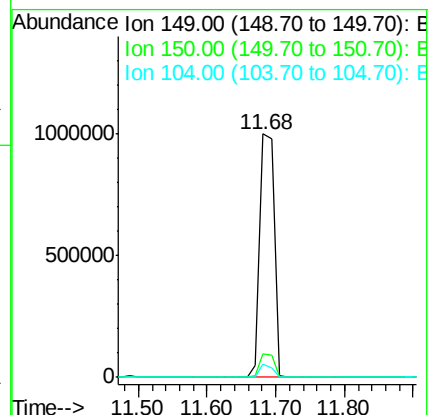
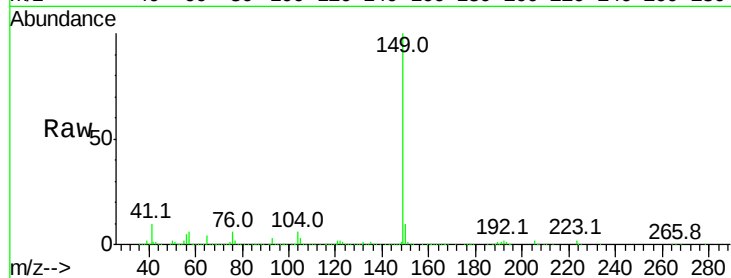
150 9.6 8.1 12.1

104 5.6 4.6 7.0

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#74

Fluoranthene

Concen: 70.06 ng

RT: 12.32 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

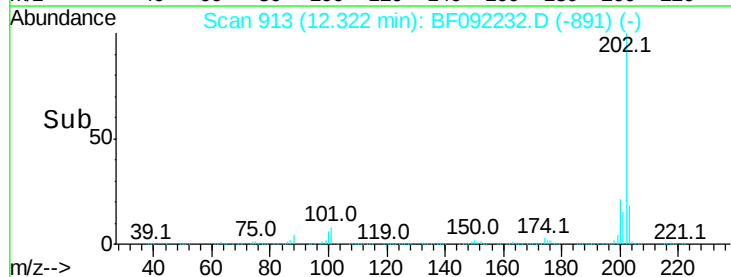
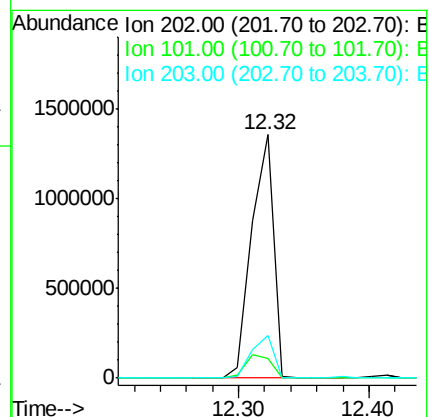
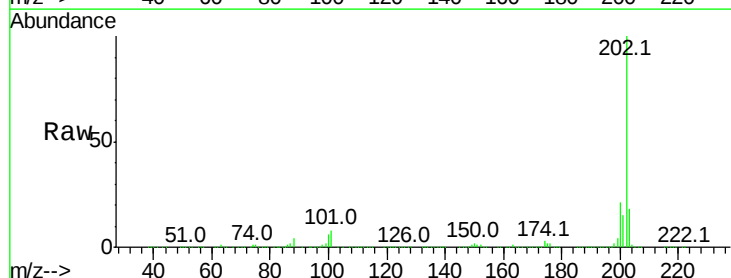
Tgt Ion:202 Resp: 1587458

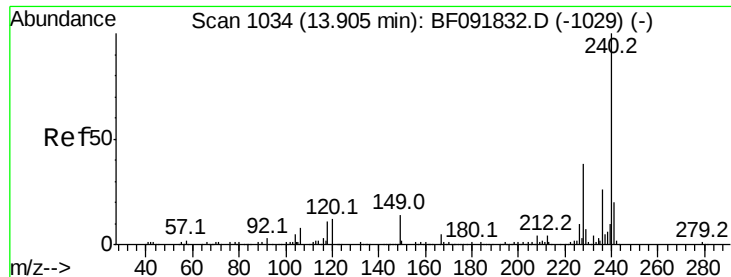
Ion Ratio Lower Upper

202 100

101 8.0 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: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

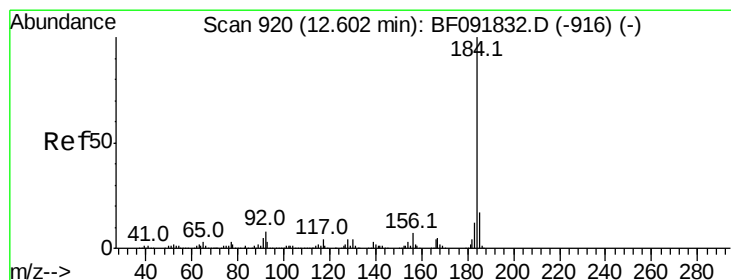
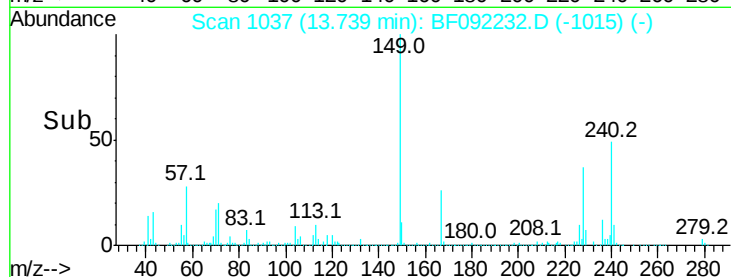
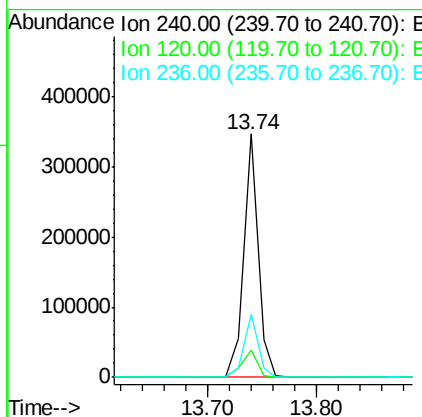
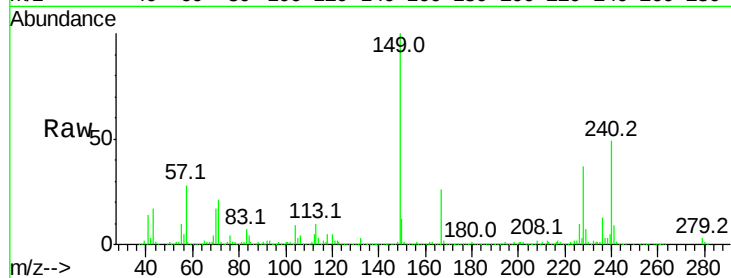
ClientSampled :

SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.1	12.9	19.3	
236	25.7	20.9	31.3	

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#76

Benzidine

Concen: 26.45 ng

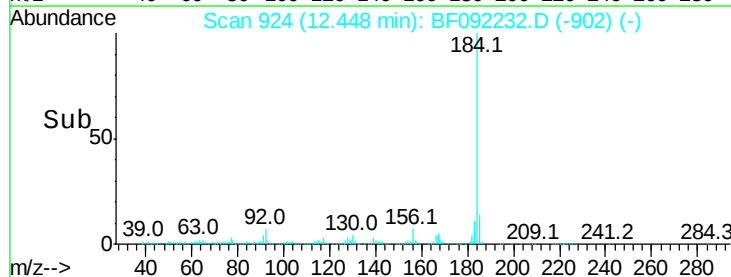
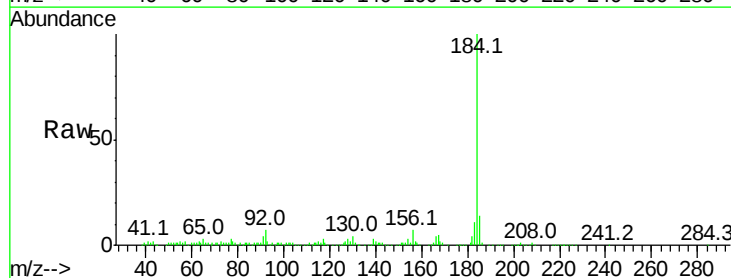
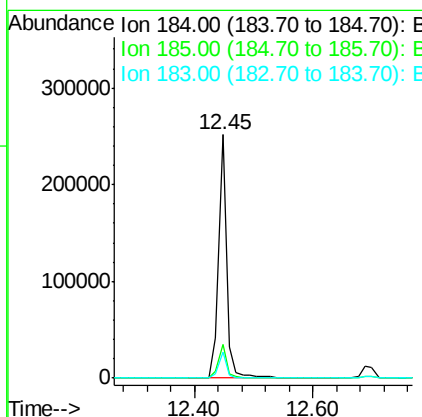
RT: 12.45 min Scan# 924

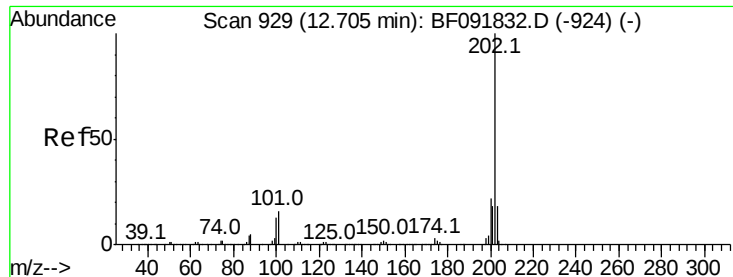
Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.1	13.4	20.0	
183	10.9	9.2	13.8	





#77

Pvrene

Concen: 58.41 ng

RT: 12.54 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

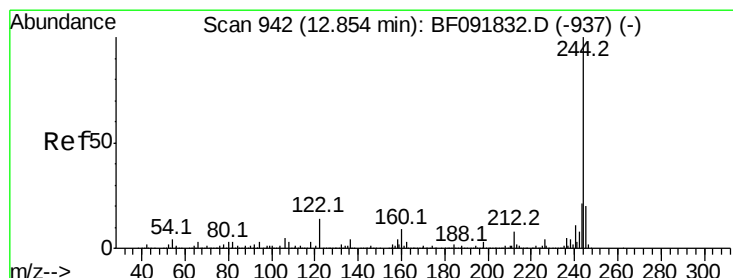
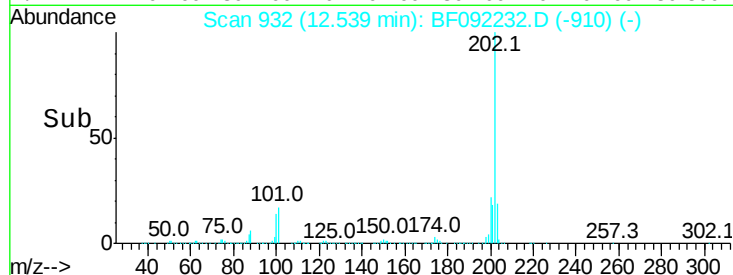
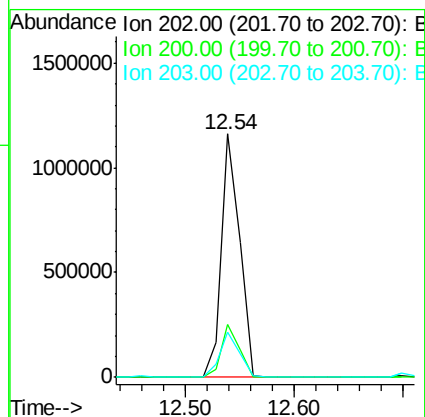
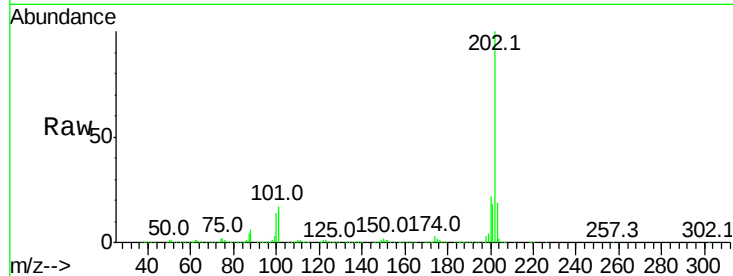
ClientSampleId :

SW-001MSD

Tot Ion:	202	Resp:	1360486
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	18.6	14.7	22.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 97.40 ng

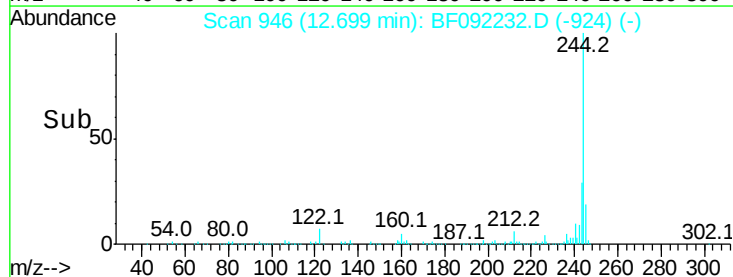
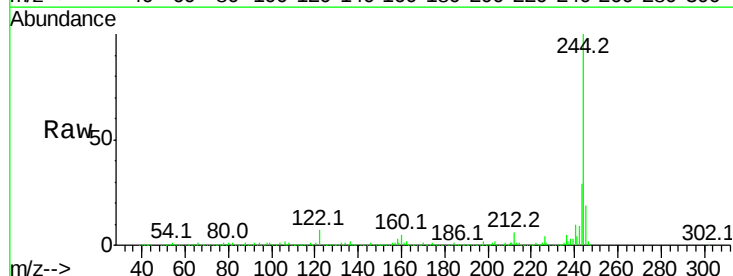
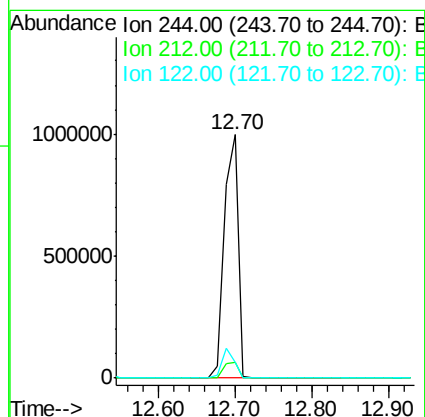
RT: 12.70 min Scan# 946

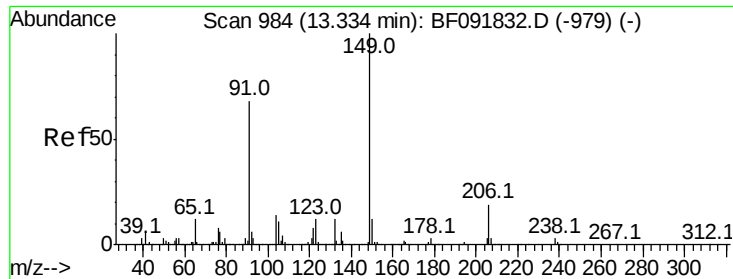
Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion:	244	Resp:	1274890
Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.2	9.2
122	6.5	11.4	17.2#





#79

Butylbenzylphthalate

Concen: 46.64 ng

RT: 13.17 min Scan# 987

Delta R.T. -0.06 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

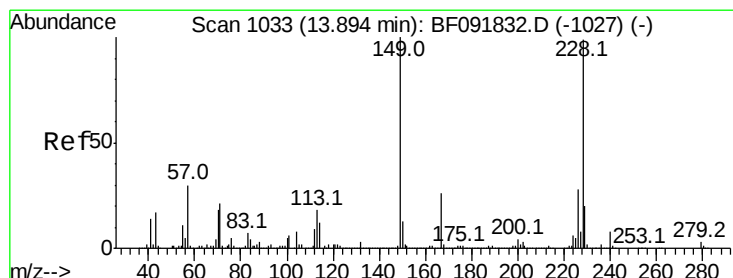
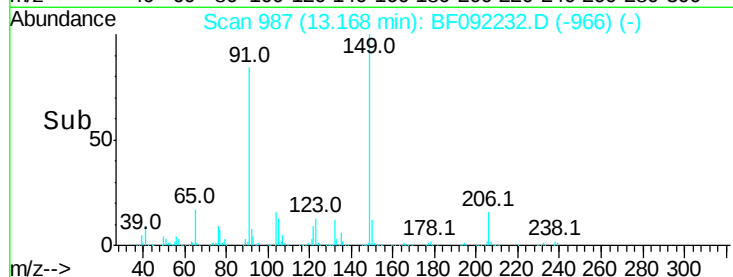
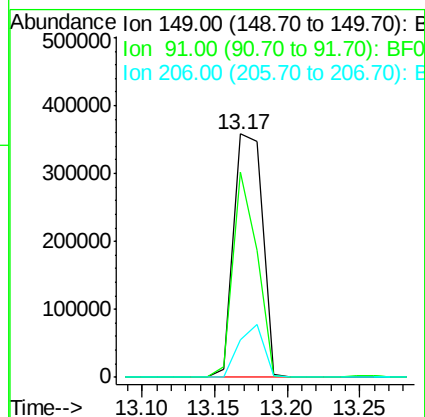
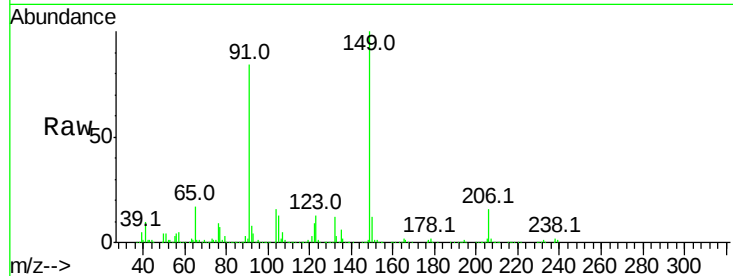
ClientSampleId :

SW-001MSD

Tot Ion:	149	Resp:	494043
Ion Ratio	Lower	Upper	
149	100		
91	84.3	63.9	95.9
206	15.7	14.6	21.8

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 61.43 ng

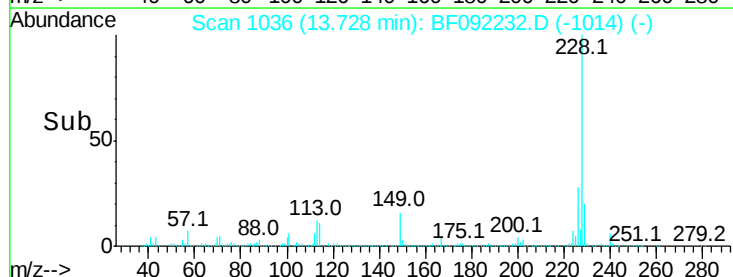
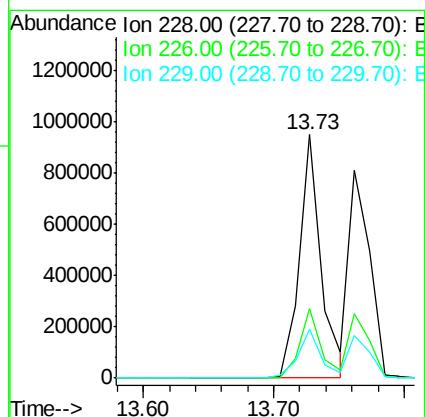
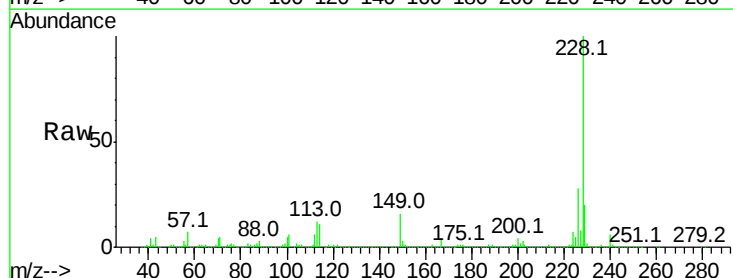
RT: 13.73 min Scan# 1036

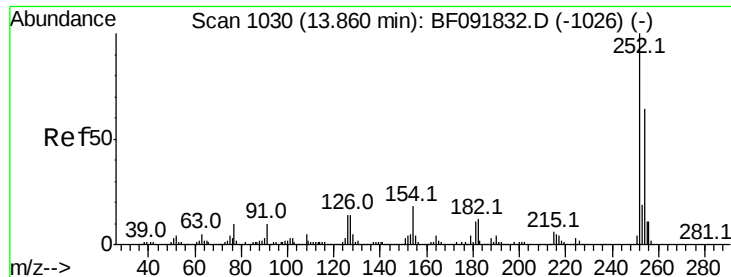
Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion:	228	Resp:	1100747
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.4	33.6
229	20.0	16.2	24.4





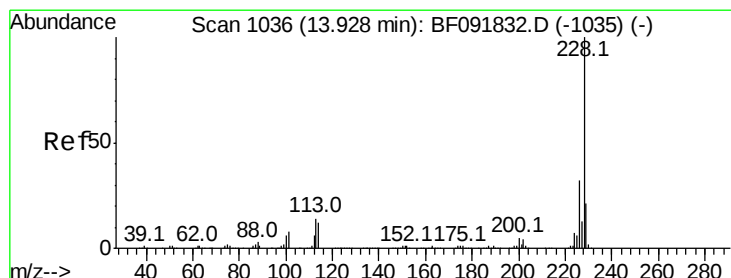
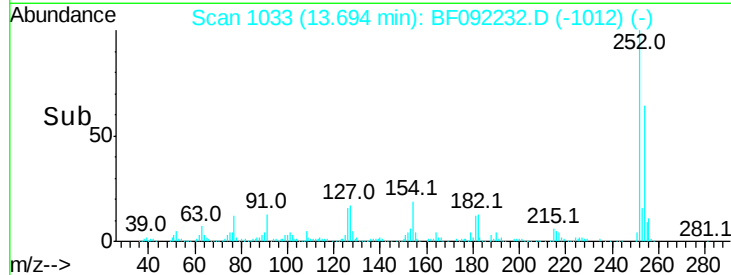
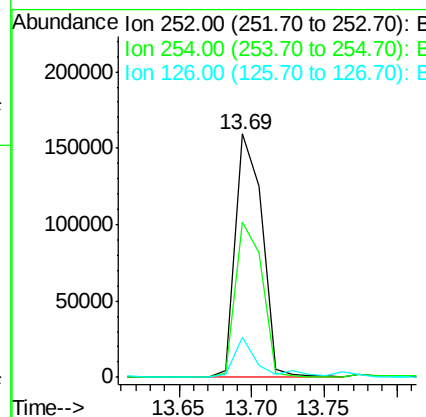
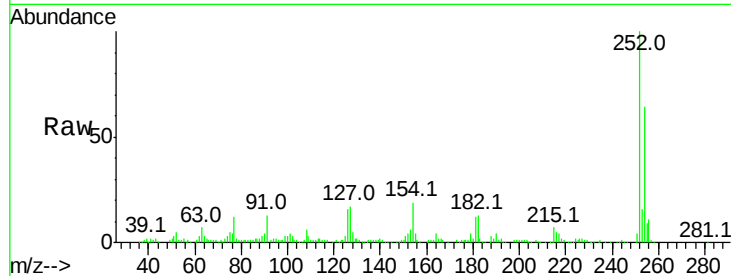
#81
 3,3'-Dichlorobenzidine
 Concen: 30.07 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. -0.06 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.8	52.3	78.5
126	16.4	13.6	20.4

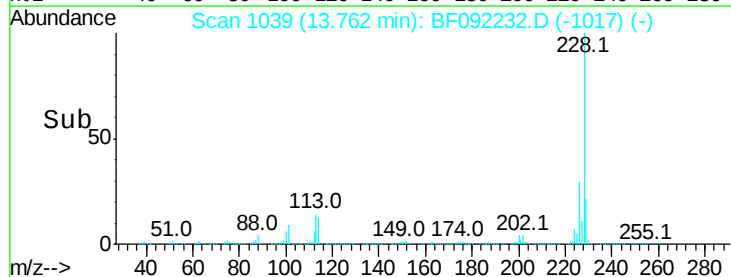
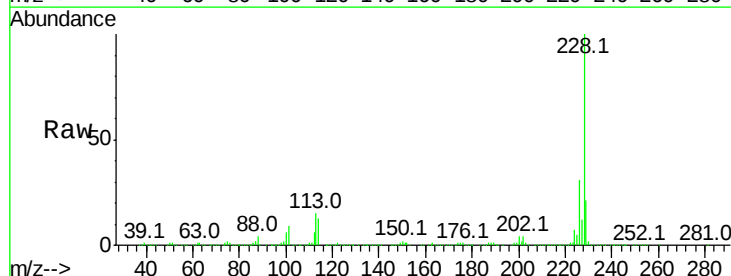
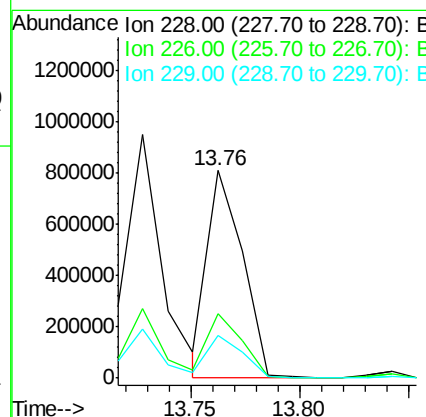
Manual Integrations
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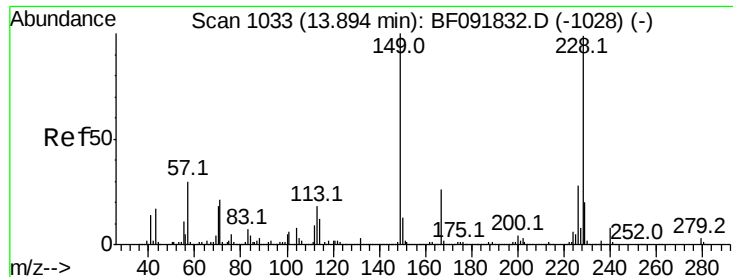
Sohil
 1/13/2017 11:07:17 AM



#82
 Chrysene
 Concen: 50.60 ng
 RT: 13.76 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	25.4	38.0
229	20.6	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.95 ng

RT: 13.74 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion:149 Resp: 648152

Ion Ratio Lower Upper

149 100

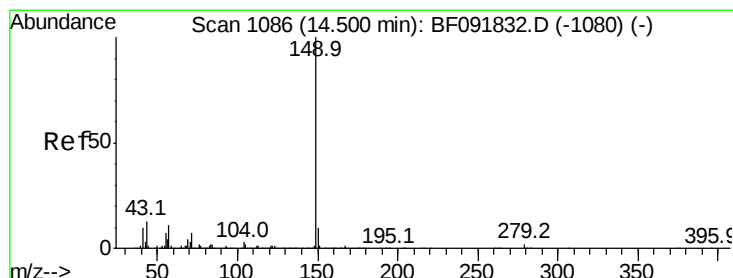
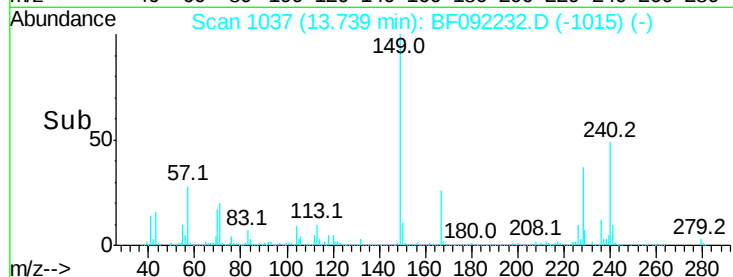
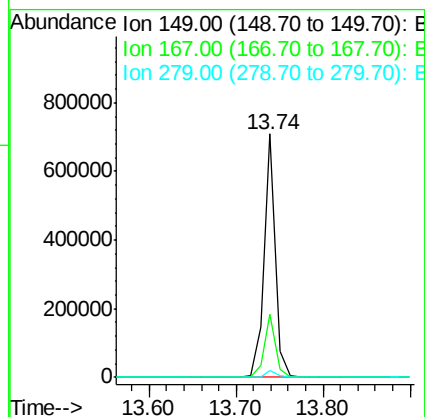
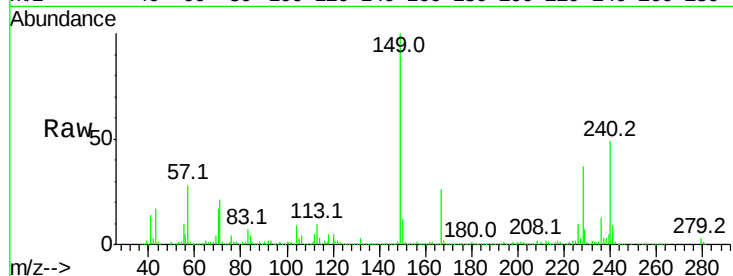
167 26.1 20.2 30.4

279 2.8 1.8 2.8#

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#84

Di-n-octyl phthalate

Concen: 49.32 ng

RT: 14.35 min Scan# 1090

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

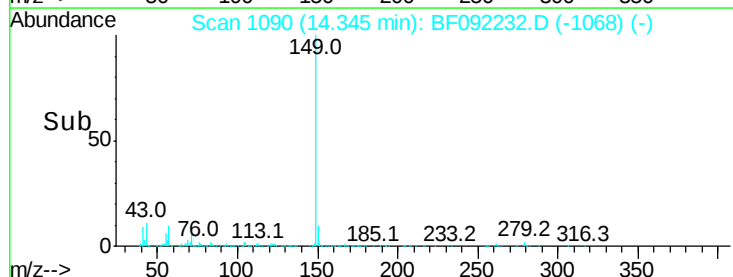
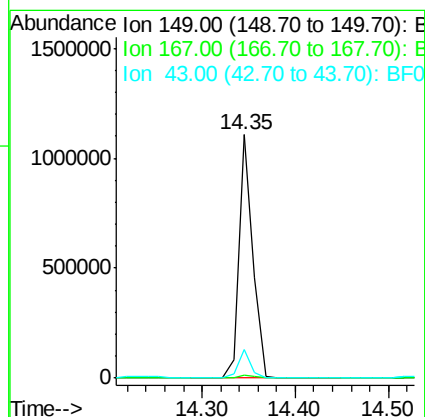
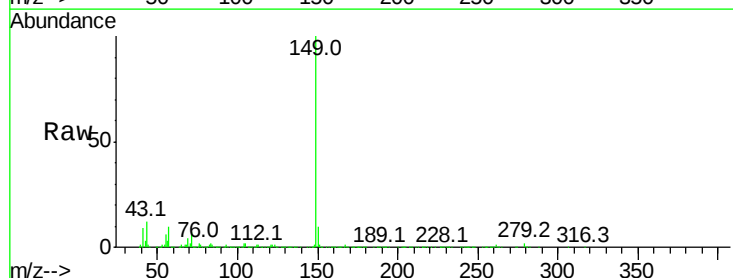
Tgt Ion:149 Resp: 1139756

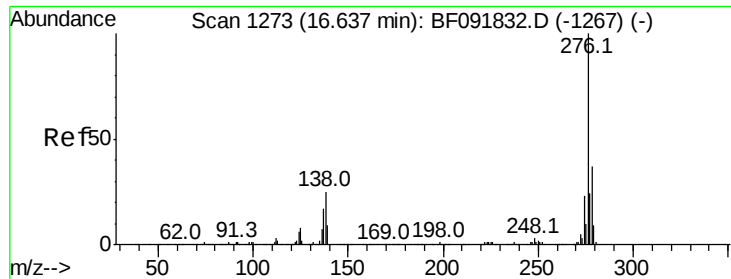
Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.3 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 60.64 ng

RT: 16.36 min Scan# 1266

Delta R.T. -0.07 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

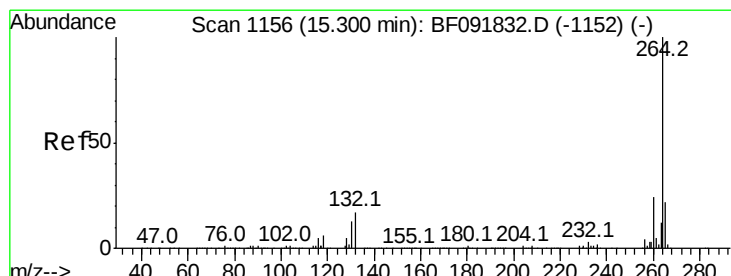
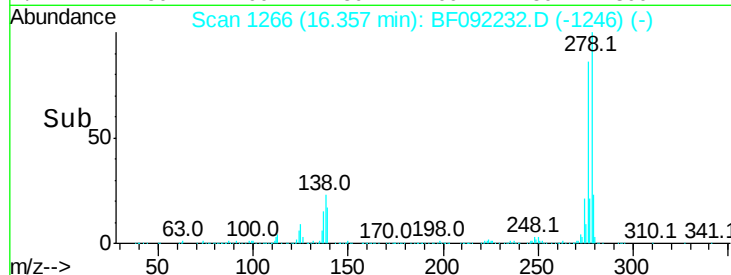
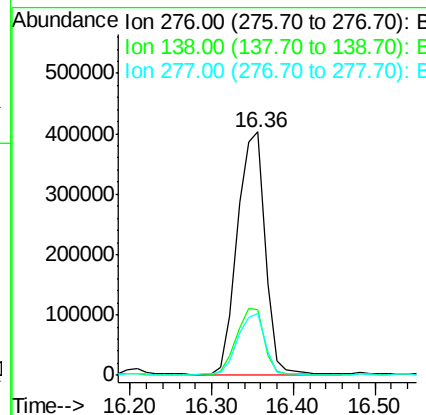
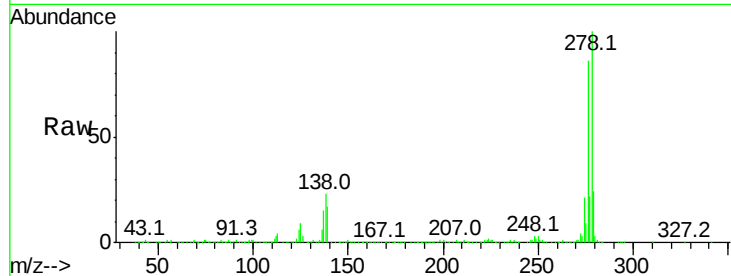
ClientSampled :

SW-001MSD

Tot Ion:	276	Resp:	944372
Ion Ratio	Lower	Upper	
276	100		
138	27.6	21.8	32.6
277	25.0	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

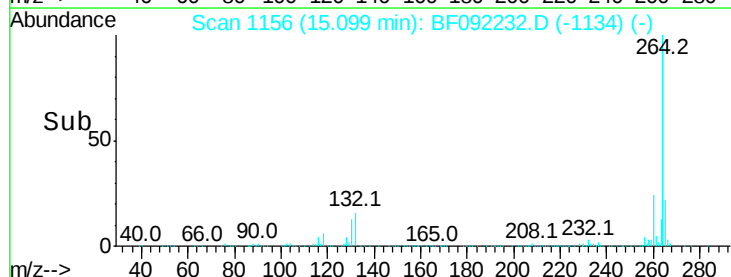
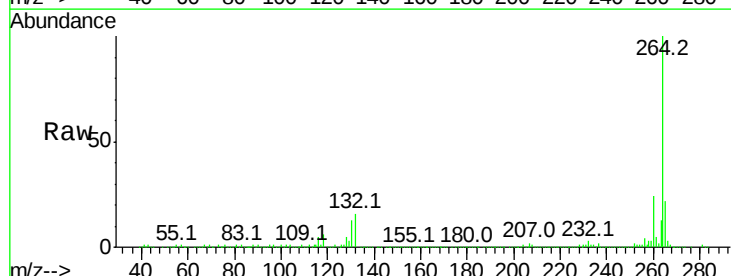
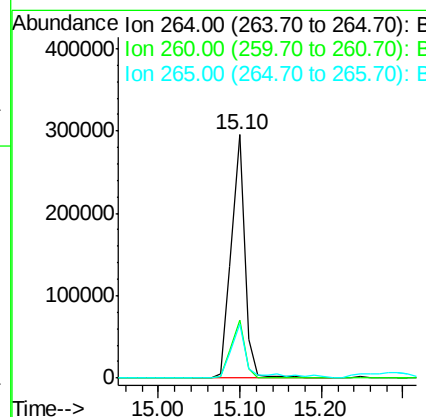
RT: 15.10 min Scan# 1156

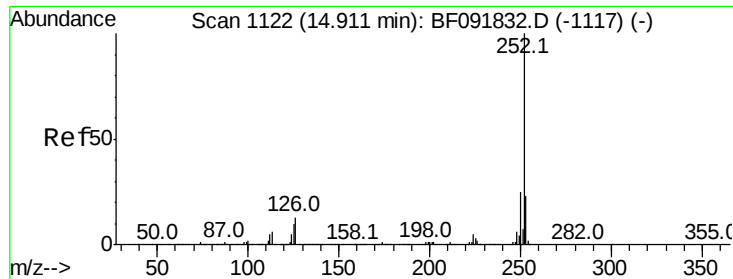
Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Tgt Ion:	264	Resp:	342304
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.5	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 56.19 ng m

RT: 14.73 min Scan# 1124

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion:252 Resp: 1197508

Ion Ratio Lower Upper

252 100

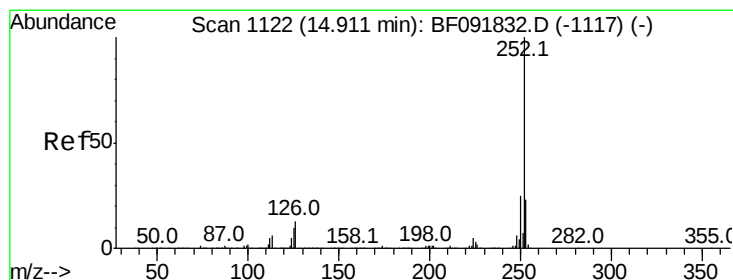
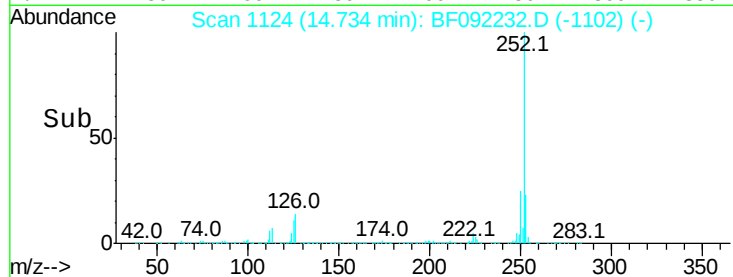
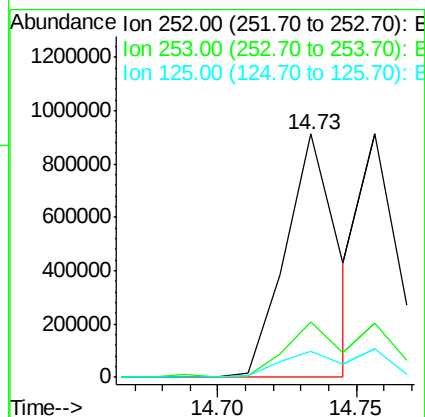
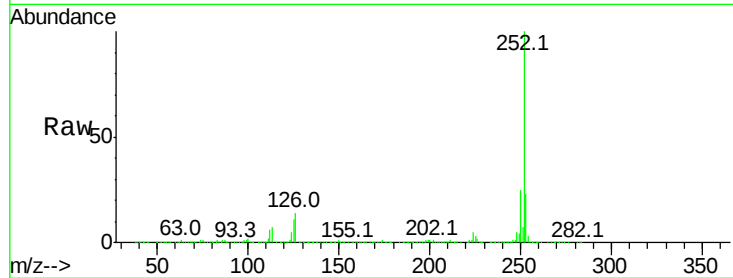
253 22.6 18.2 27.4

125 10.8 9.8 14.6

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#88

Benzo(k)fluoranthene

Concen: 45.82 ng m

RT: 14.76 min Scan# 1126

Delta R.T. -0.05 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

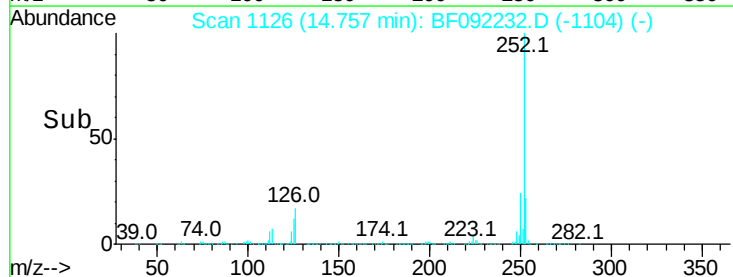
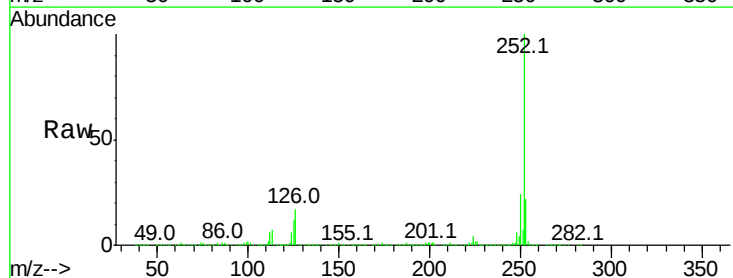
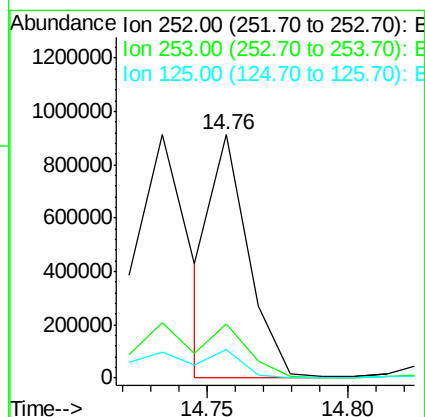
Tgt Ion:252 Resp: 832772

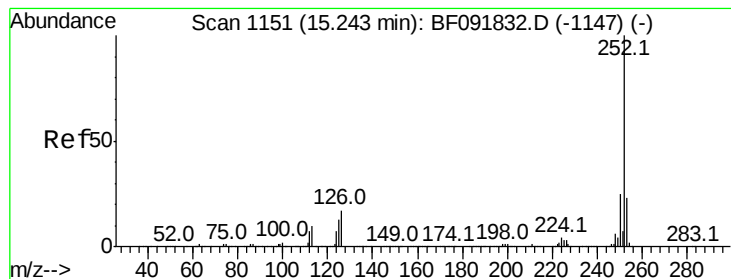
Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

125 11.7 8.9 13.3





#89

Benzo(a)pyrene

Concen: 55.56 ng

RT: 15.04 min Scan# 1151

Delta R.T. -0.06 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion:252 Resp: 1051026

Ion Ratio Lower Upper

252 100

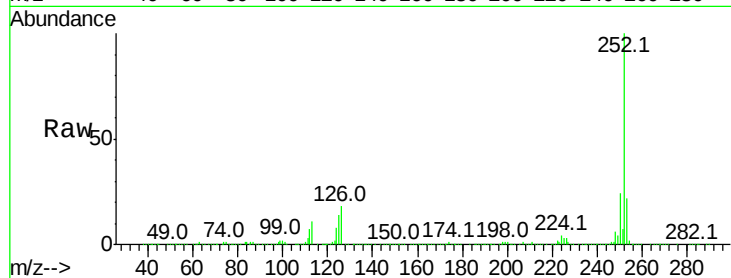
253 22.4 18.2 27.2

125 14.4 10.0 15.0

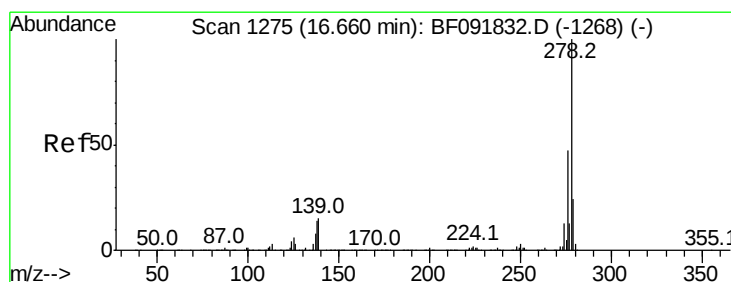
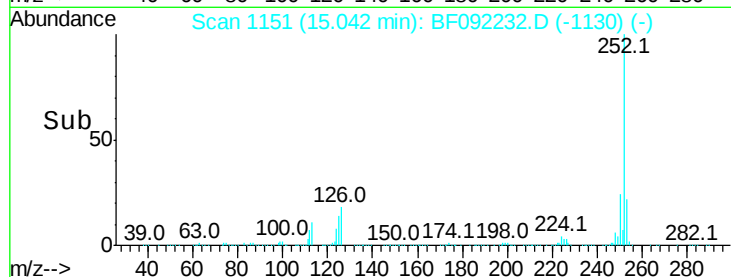
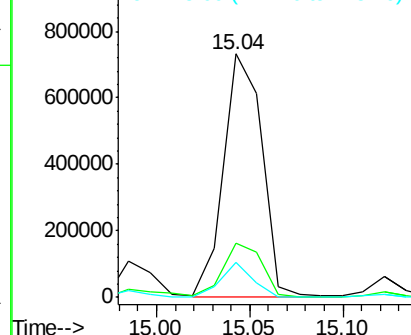
Manual Integrations
APPROVED

Sohil

1/13/2017 11:07:17 AM



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



#90

Dibenzo(a,h)anthracene

Concen: 47.92 ng

RT: 16.36 min Scan# 1266

Delta R.T. -0.08 min

Lab File: BF092232.D

Acq: 13 Jan 2017 3:49

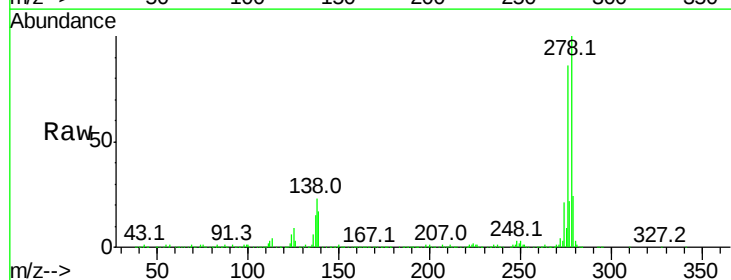
Tgt Ion:278 Resp: 745096

Ion Ratio Lower Upper

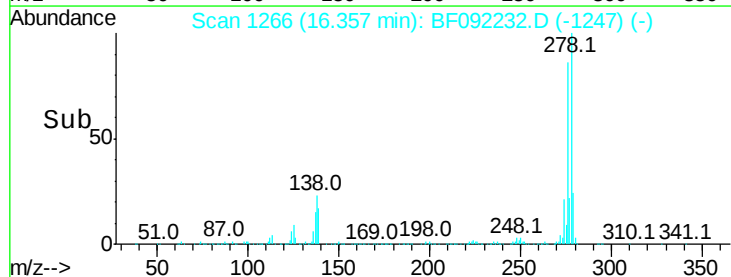
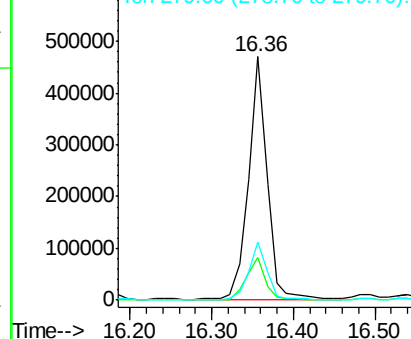
278 100

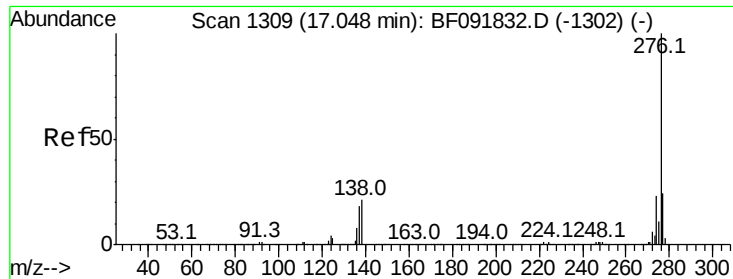
139 17.4 14.8 22.2

279 23.8 19.8 29.6



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





#91
 Benzo(a,h,i)perylene
 Concen: 50.91 ng
 RT: 16.72 min Scan# 1298
 Delta R.T. -0.08 min
 Lab File: BF092232.D
 Acq: 13 Jan 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	822979		
277	23.9		19.2	28.8
138	22.0		16.0	24.0

Manual Integrations
 APPROVED

Sohil
 1/13/2017 11:07:17 AM

