

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092243.D
 Acq On : 13 Jan 2017 12:21
 Operator : UM/SJ
 Sample : I1131-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Manual Integrations
 APPROVED

Sohil
 1/16/2017 8:38:40 AM

Quant Time: Jan 13 13:25:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 12:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	185929	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	731123	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	349176	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	491960	20.00	ng	0.00
75) Chrysene-d12	13.73	240	300107	20.00	ng	0.00
86) Perylene-d12	15.09	264	335149	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1863995	167.40	ng	0.02
7) Phenol-d6	6.27	99	2019377	148.54	ng	0.01
23) Nitrobenzene-d5	7.17	82	1327208	100.94	ng	0.01
41) 2,4,6-Tribromophenol	10.42	330	340903	117.97	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1854933	113.11	ng	0.01
78) Terphenyl-d14	12.69	244	1315159	106.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	236076	43.06	ng	96
3) Pyridine	2.70	79	735928	38.46	ng	94
4) n-Nitrosodimethylamine	2.67	42	313714	43.47	ng	100
6) Aniline	6.26	93	335525	19.00	ng	# 64
8) 2-Chlorophenol	6.38	128	588997	46.50	ng	95
9) Benzaldehyde	6.13	77	47077	4.44	ng	95
10) Phenol	6.28	94	833259	53.79	ng	# 67
11) bis(2-Chloroethyl)ether	6.34	93	565866	45.91	ng	99
12) 1,3-Dichlorobenzene	6.53	146	599778	44.36	ng	98
13) 1,4-Dichlorobenzene	6.61	146	592338m	43.04	ng	
14) 1,2-Dichlorobenzene	6.76	146	544032	45.56	ng	100
15) Benzyl Alcohol	6.75	79	471545	44.64	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.88	45	812463	44.26	ng	# 38
17) 2-Methylphenol	6.88	107	463762	45.53	ng	# 90
18) Hexachloroethane	7.10	117	216782	42.49	ng	91
19) n-Nitroso-di-n-propylamine	7.02	70	413206	45.69	ng	99
20) 3+4-Methylphenols	7.04	107	665006	54.73	ng	# 72
22) Acetophenone	7.01	105	885303	49.09	ng	# 93
24) Nitrobenzene	7.18	77	590688	42.18	ng	99
25) Isophorone	7.43	82	1172834	48.35	ng	97
26) 2-Nitrophenol	7.50	139	341128	49.40	ng	91
27) 2,4-Dimethylphenol	7.56	122	548787	47.91	ng	99
28) bis(2-Chloroethoxy)methane	7.64	93	795512	54.08	ng	98
29) 2,4-Dichlorophenol	7.75	162	514965	53.09	ng	89
30) 1,2,4-Trichlorobenzene	7.82	180	486444	45.77	ng	96
31) Naphthalene	7.90	128	1602280	47.88	ng	99
32) Benzoic acid	7.67	122	39180	4.61	ng	93
33) 4-Chloroaniline	7.96	127	150178	9.95	ng	97
34) Hexachlorobutadiene	8.02	225	245143	43.69	ng	98
35) Caprolactam	8.35	113	139786m	43.86	ng	
36) 4-Chloro-3-methylphenol	8.47	107	493584	44.22	ng	97
37) 2-Methylnaphthalene	8.59	142	908500	44.69	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	416550	47.22	ng	99
40) Hexachlorocyclopentadiene	8.75	237	181036	47.76	ng	98

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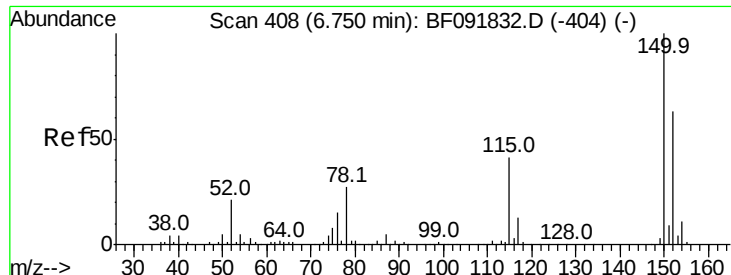
Manual Integrations
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 1/16/2017 8:38:40 AM

Quant Time: Jan 13 13:25:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 12:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	283709	45.98	nq	98
43) 2,4,5-Trichlorophenol	8.93	196	265567	41.83	nq	95
45) 1,1'-Biphenyl	9.06	154	1140818	47.72	nq	98
46) 2-Chloronaphthalene	9.08	162	885993	46.79	nq	97
47) 2-Nitroaniline	9.18	65	263277	39.05	nq	99
48) Acenaphthylene	9.49	152	1318461	45.28	nq	99
49) Dimethylphthalate	9.38	163	1594973	71.42	nq	100
50) 2,6-Dinitrotoluene	9.43	165	248851	50.91	nq	96
51) Acenaphthene	9.66	154	871022	44.12	nq	98
52) 3-Nitroaniline	9.59	138	131162	21.68	nq	99
53) 2,4-Dinitrophenol	9.72	184	117490	43.20	nq	94
54) Dibenzofuran	9.83	168	1153736	43.28	nq	98
55) 4-Nitrophenol	9.80	139	275586m	67.10	nq	
56) 2,4-Dinitrotoluene	9.83	165	245487	40.01	nq	# 73
57) Fluorene	10.18	166	931054	48.00	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	226580	45.12	nq	97
59) Diethylphthalate	10.06	149	941255	43.40	nq	100
60) 4-Chlorophenyl-phenylether	10.16	204	371615	43.76	nq	97
61) 4-Nitroaniline	10.21	138	208231	33.22	nq	96
62) Azobenzene	10.32	77	1030154	43.14	nq	99
64) 4,6-Dinitro-2-methylphenol	10.24	198	125879	42.31	nq	76
65) n-Nitrosodiphenylamine	10.29	169	736231	50.43	nq	100
66) 4-Bromophenyl-phenylether	10.66	248	269083	52.58	nq	# 91
67) Hexachlorobenzene	10.72	284	256104	46.82	nq	# 84
68) Atrazine	10.83	200	232013	49.27	nq	97
69) Pentachlorophenol	10.92	266	215671	80.35	nq	98
70) Phenanthrene	11.12	178	1335090	50.05	nq	99
71) Anthracene	11.18	178	1362154	72.66	nq	98
72) Carbazole	11.34	167	1131022	61.76	nq	98
73) Di-n-butylphthalate	11.68	149	1412291	56.96	nq	# 96
74) Fluoranthene	12.31	202	1582548	69.72	nq	91
76) Benzidine	12.44	184	229803	27.15	nq	96
77) Pyrene	12.53	202	1347592	61.20	nq	99
79) Butylbenzylphthalate	13.17	149	515979	51.52	nq	# 81
80) Benzo(a)anthracene	13.72	228	1044048	61.63	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	207075	32.24	nq	98
82) Chrysene	13.75	228	897742	52.83	nq	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	651390	55.23	nq	99
84) Di-n-octyl phthalate	14.34	149	1170005	53.55	nq	98
85) Indeno(1,2,3-cd)pyrene	16.34	276	882157	59.93	nq	99
87) Benzo(b)fluoranthene	14.73	252	1103700m	52.89	nq	
88) Benzo(k)fluoranthene	14.75	252	814425m	45.77	nq	
89) Benzo(a)pyrene	15.03	252	980146	52.92	nq	99
90) Dibenzo(a,h)anthracene	16.35	278	693783	45.58	nq	96
91) Benzo(g,h,i)perylene	16.70	276	729920	46.11	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

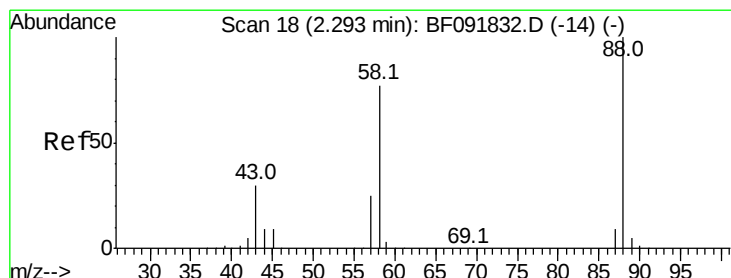
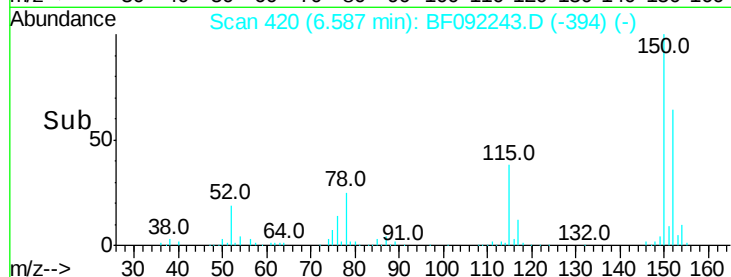
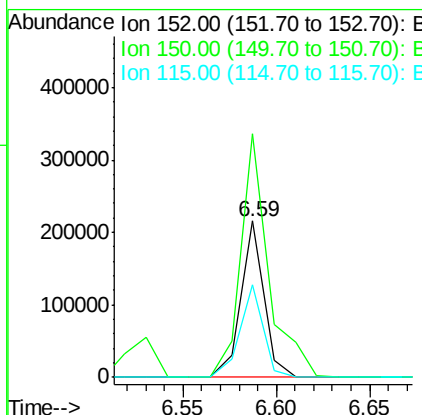
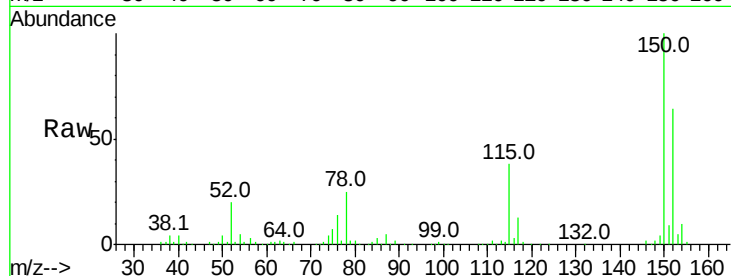
ClientSampleId :

SW-001MSD

Tot Ion:	152	Resp:	185929
Ion Ratio	Lower	Upper	
152	100		
150	155.5	124.9	187.3
115	59.4	46.0	69.0

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#2

1,4-Dioxane

Concen: 43.06 ng

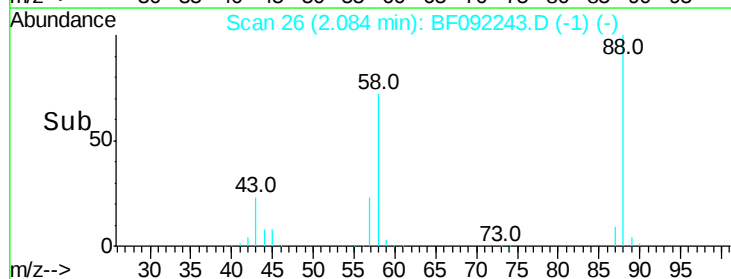
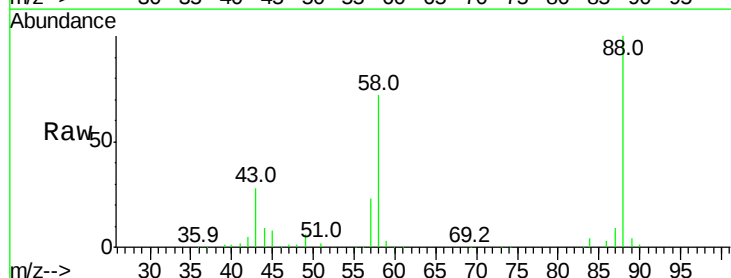
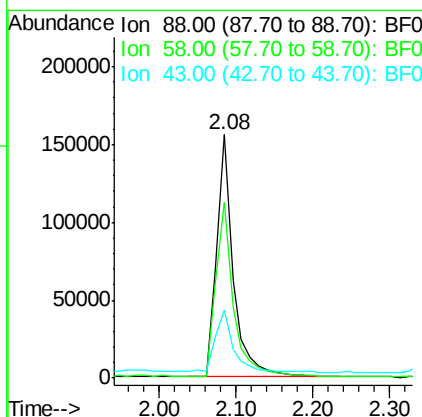
RT: 2.08 min Scan# 26

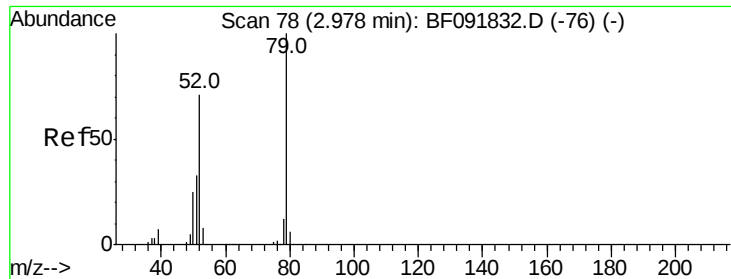
Delta R.T. 0.07 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion:	88	Resp:	236076
Ion Ratio	Lower	Upper	
88	100		
58	75.4	57.8	86.8
43	29.8	22.3	33.5





#3

Pvridine

Concen: 38.46 ng

RT: 2.70 min Scan# 80

Delta R.T. 0.06 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

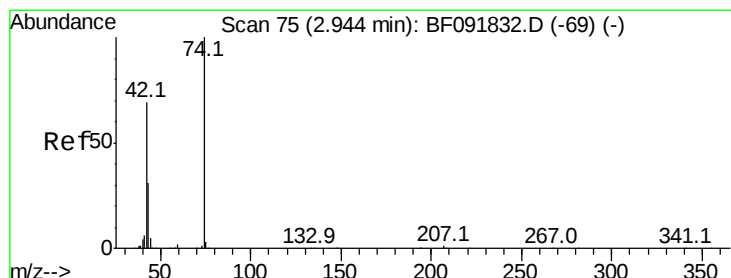
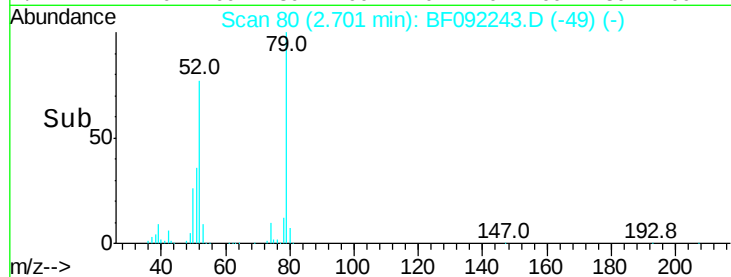
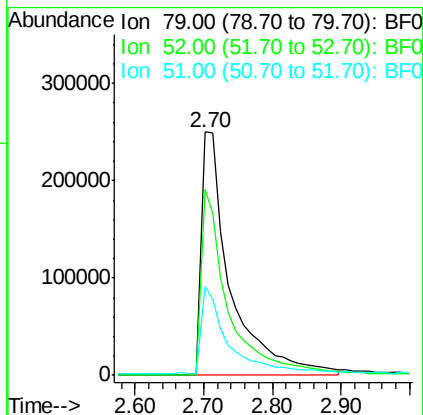
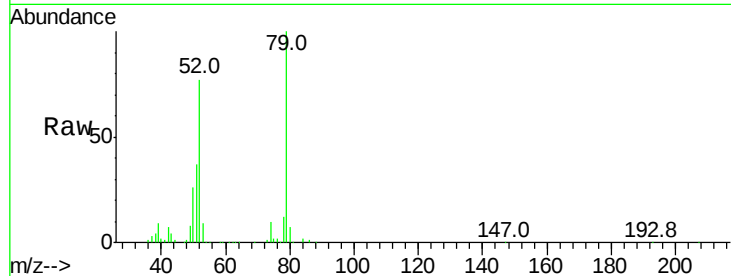
ClientSampleId :

SW-001MSD

Tot Ion:	79	Resp:	735928
Ion Ratio	Lower	Upper	
79	100		
52	76.6	57.1	85.7
51	36.5	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 43.47 ng

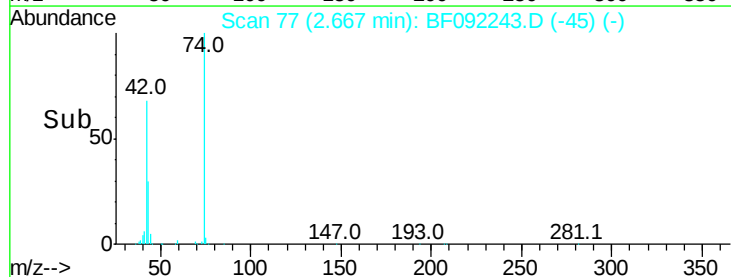
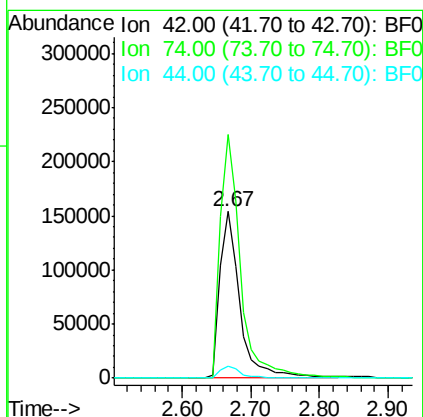
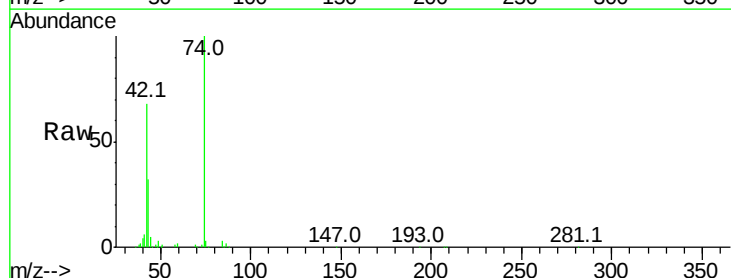
RT: 2.67 min Scan# 77

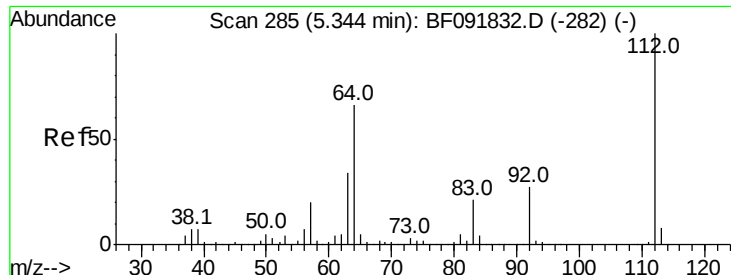
Delta R.T. 0.07 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion:	42	Resp:	313714
Ion Ratio	Lower	Upper	
42	100		
74	146.4	117.0	175.4
44	7.1	5.5	8.3





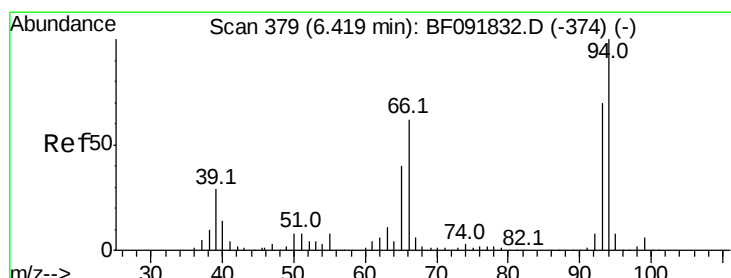
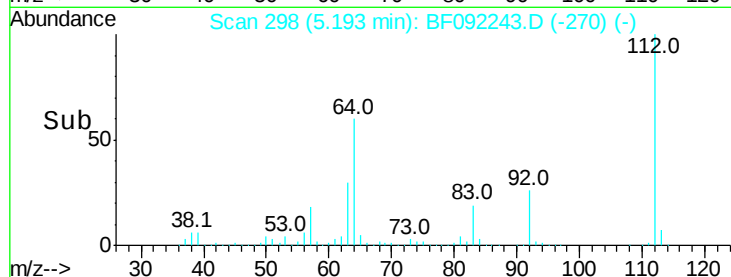
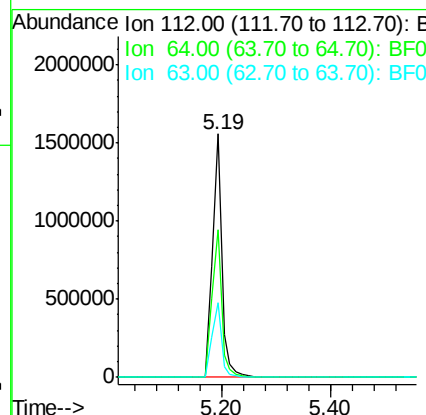
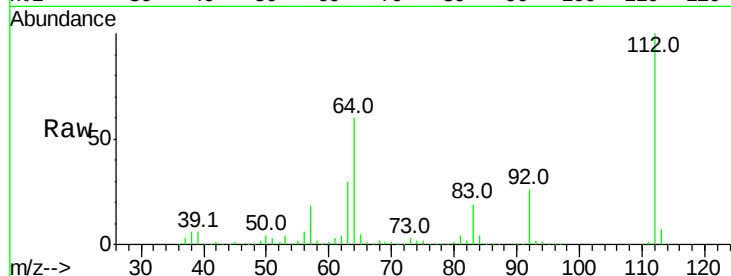
#5
2-Fluorophenol
Concen: 167.40 ng
RT: 5.19 min Scan# 298
Delta R.T. 0.02 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	60.4	46.1	69.1
63	30.5	23.8	35.6

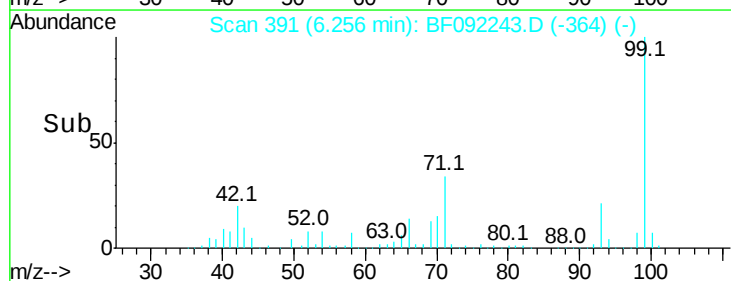
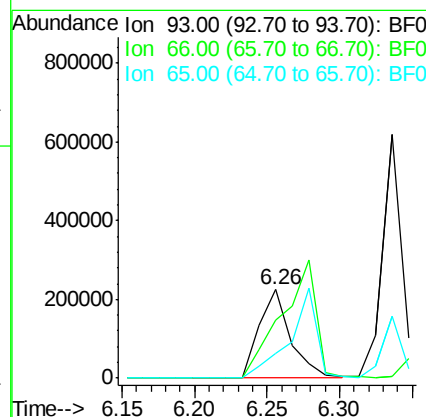
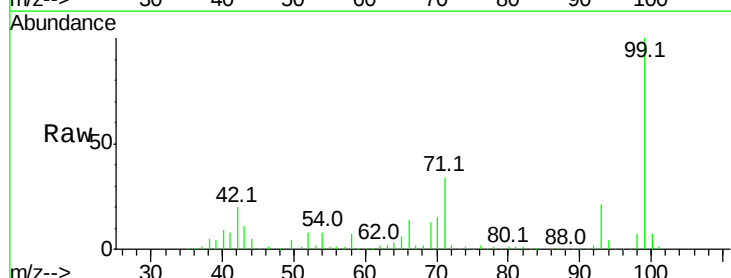
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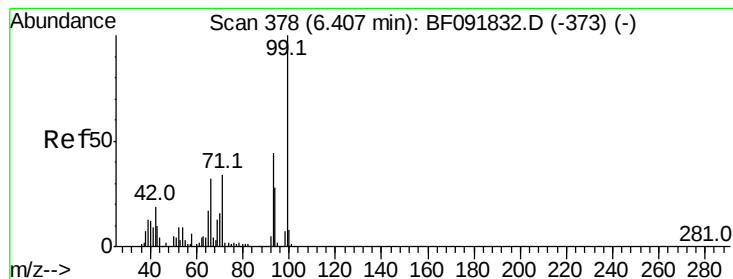
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#6
Aniline
Concen: 19.00 ng
RT: 6.26 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Lower	Upper
93	100		
66	66.0	76.2	114.2#
65	27.8	49.3	73.9#





#7

Phenol-d6

Concen: 148.54 ng

RT: 6.27 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion: 99 Resp: 2019377

Ion Ratio Lower Upper

99 100

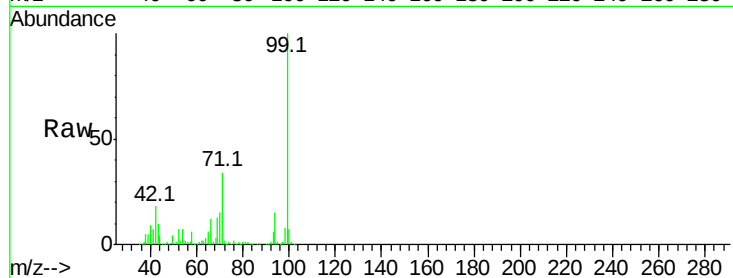
42 18.1 15.6 23.4

71 34.0 27.5 41.3

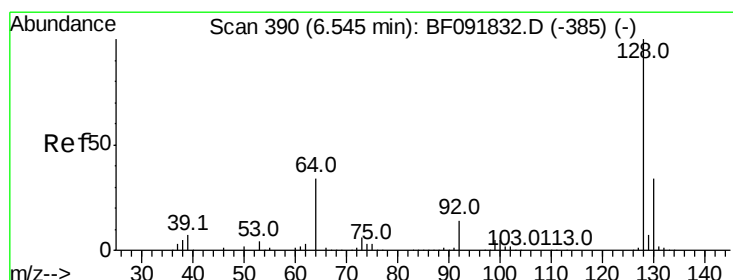
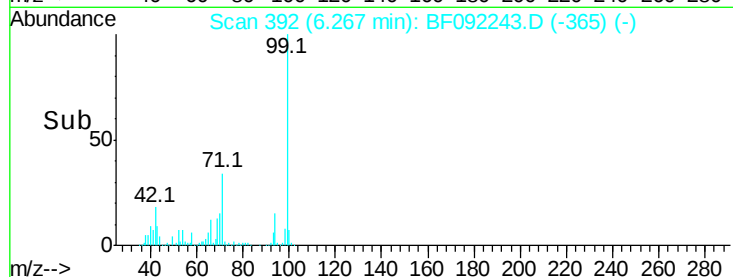
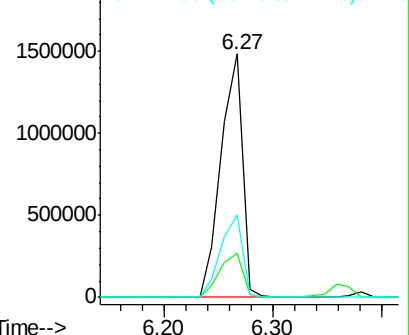
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.50 ng

RT: 6.38 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

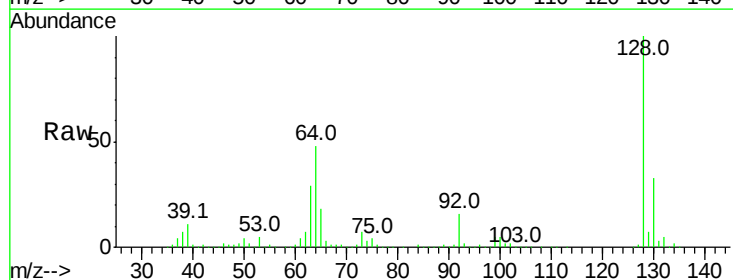
Tgt Ion: 128 Resp: 588997

Ion Ratio Lower Upper

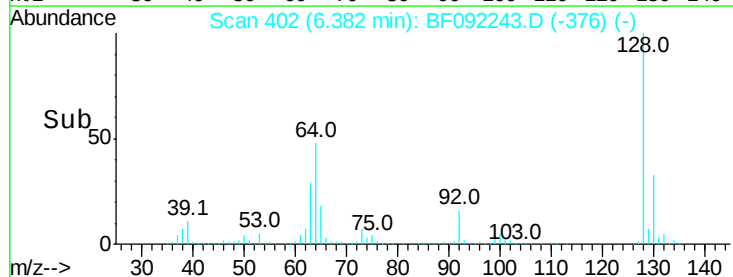
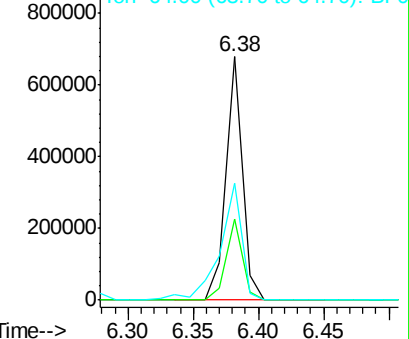
128 100

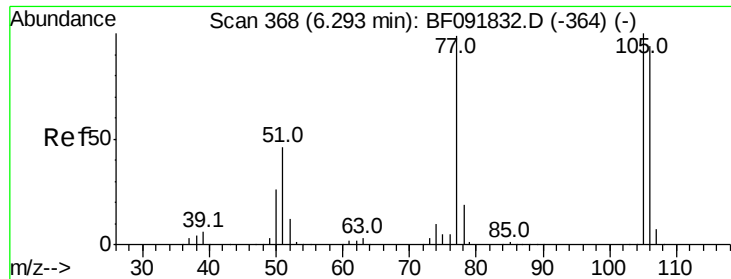
130 33.5 12.3 52.3

64 47.8 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





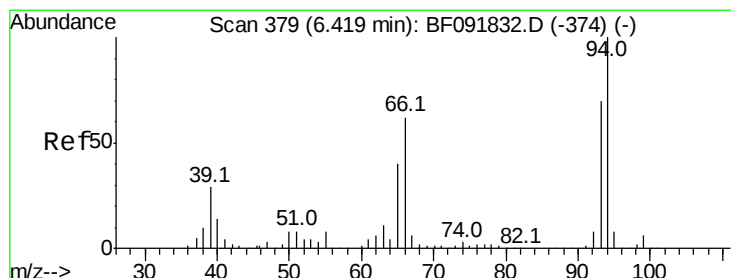
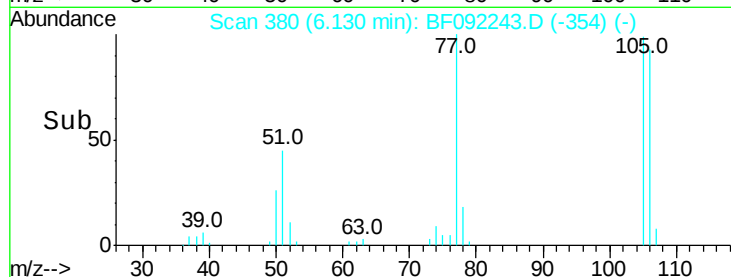
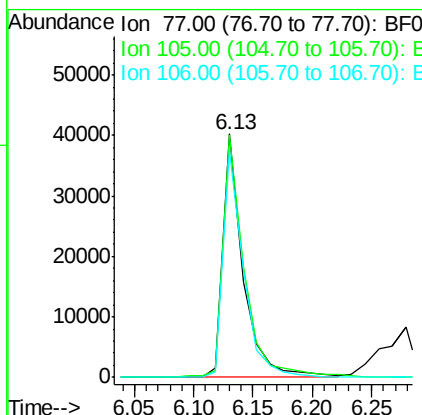
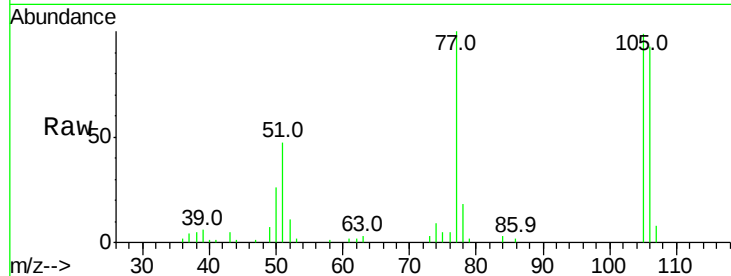
#9
Benzaldehyde
Concen: 4.44 ng
RT: 6.13 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampled :
SW-001MSD

Tot Ion: 77 Resp: 47077
Ion Ratio Lower Upper
77 100
105 99.4 83.9 123.9
106 93.0 77.6 117.6

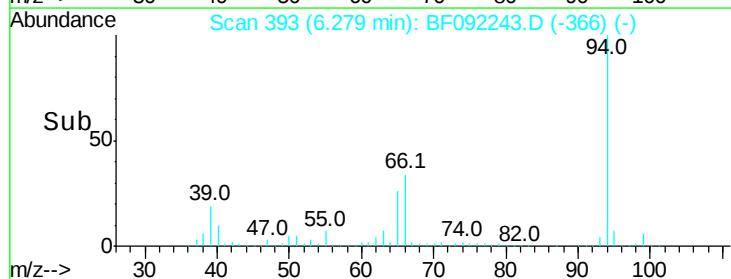
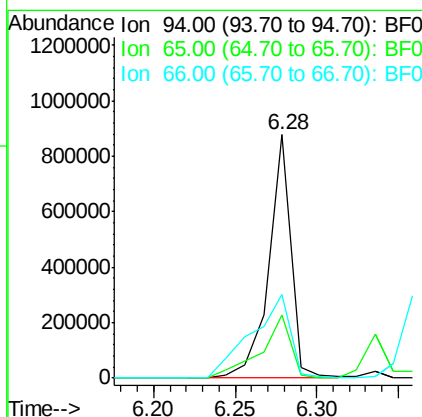
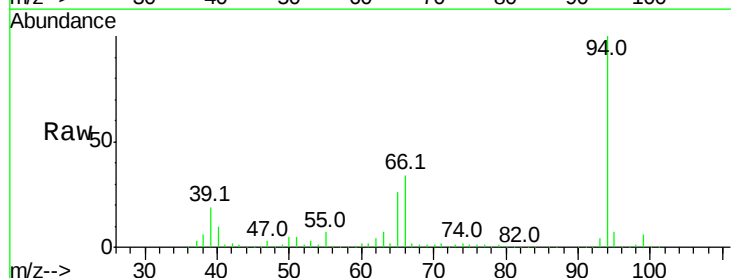
Manual Integrations
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#10
Phenol
Concen: 53.79 ng
RT: 6.28 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion: 94 Resp: 833259
Ion Ratio Lower Upper
94 100
65 26.1 21.4 61.4
66 34.3 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 45.91 ng

RT: 6.34 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

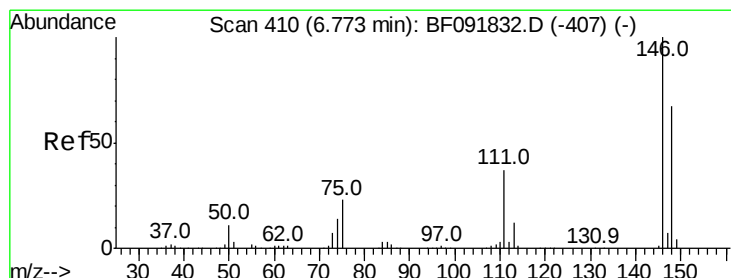
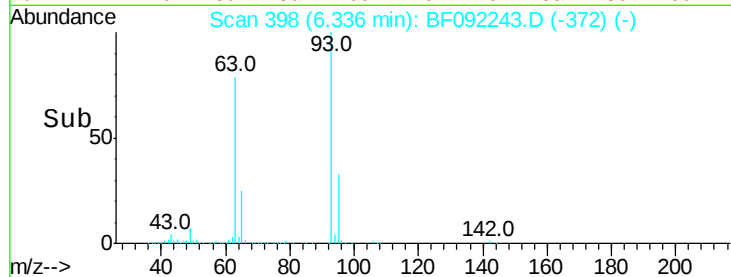
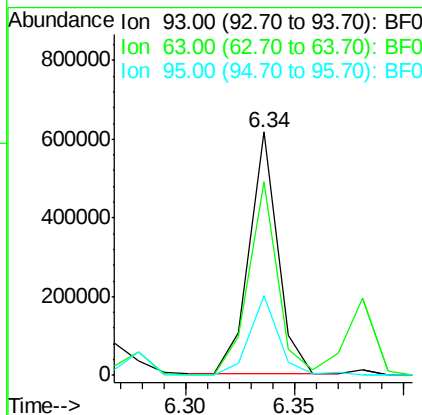
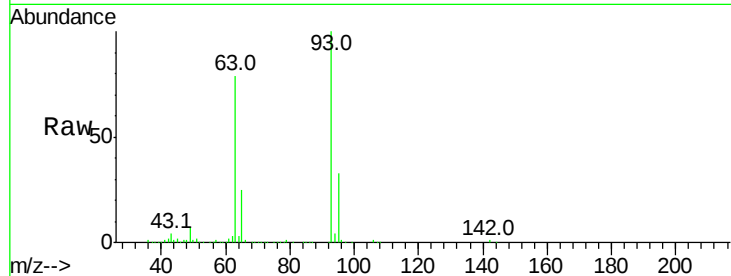
ClientSampleId :

SW-001MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.4	60.4	100.4
95	32.9	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 44.36 ng

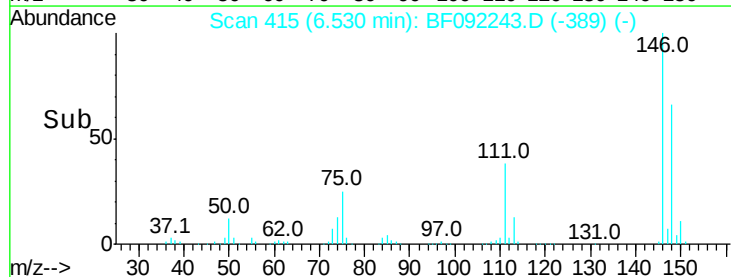
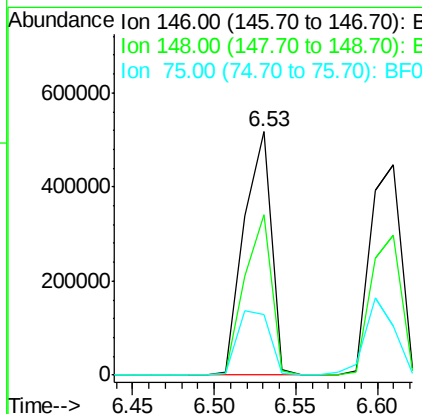
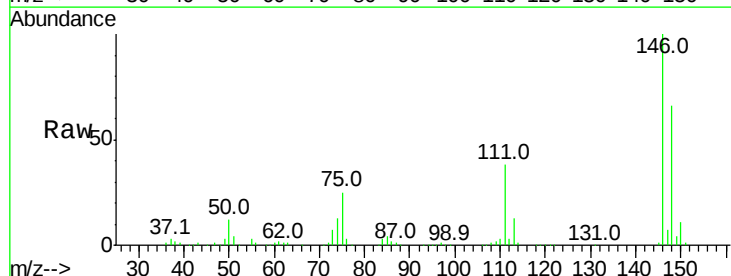
RT: 6.53 min Scan# 415

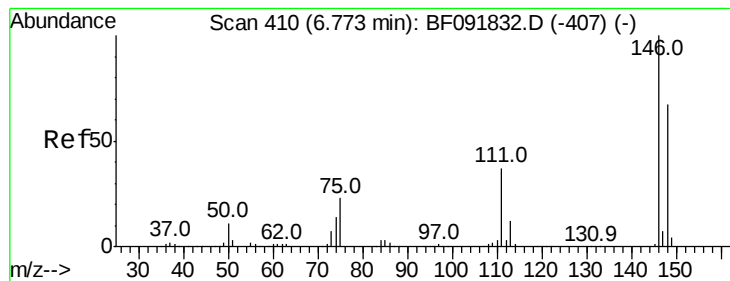
Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.4	80.0
75	24.9	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 43.04 ng/mL

RT: 6.61 min Scan# 422

Delta R.T. 0.08 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

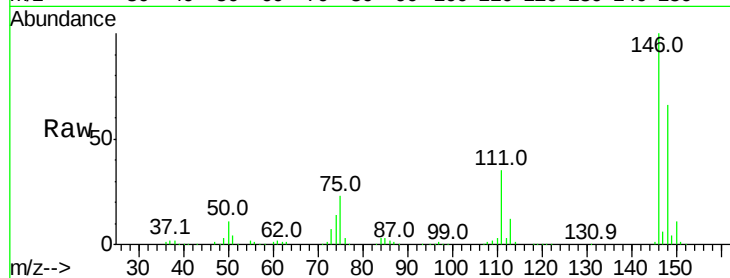
ClientSampleId :

SW-001MSD

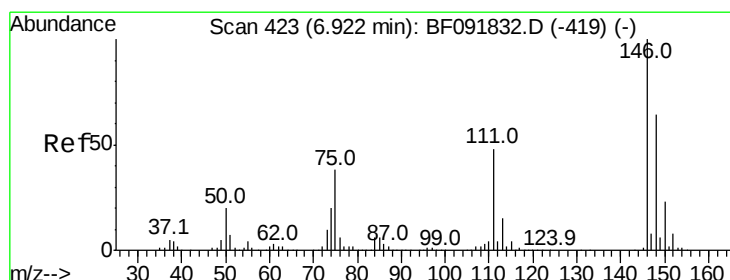
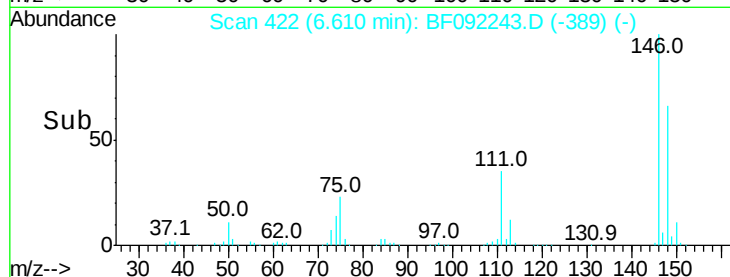
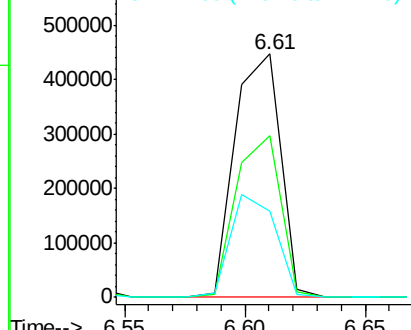
Tot Ion:	146	Resp:	592338
Ion Ratio	Lower	Upper	
146	100		
148	66.2	50.6	76.0
111	35.3	36.2	54.4#

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.56 ng/mL

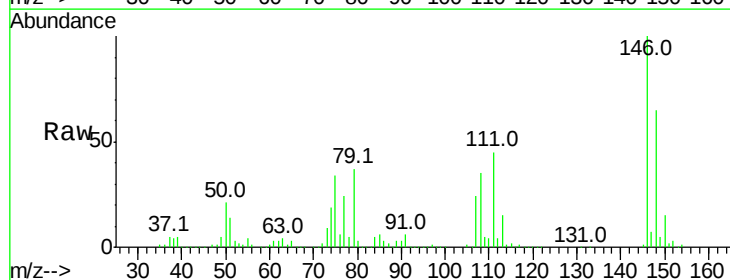
RT: 6.76 min Scan# 435

Delta R.T. 0.00 min

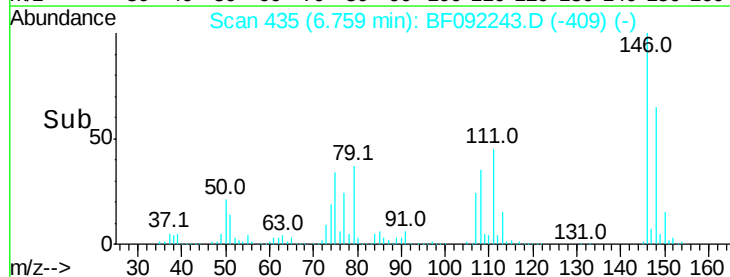
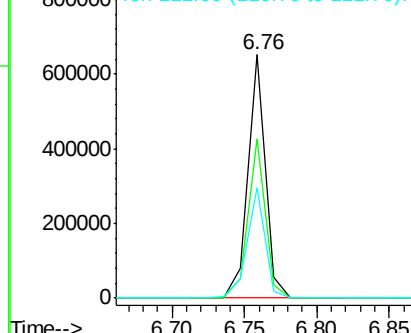
Lab File: BF092243.D

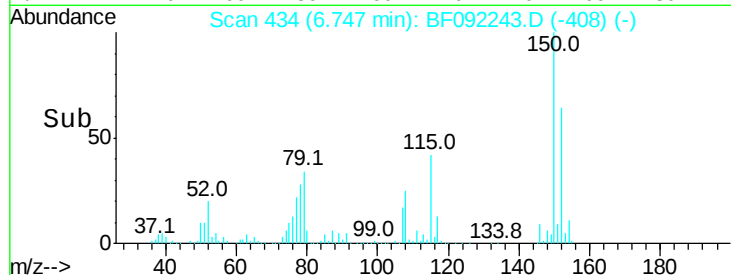
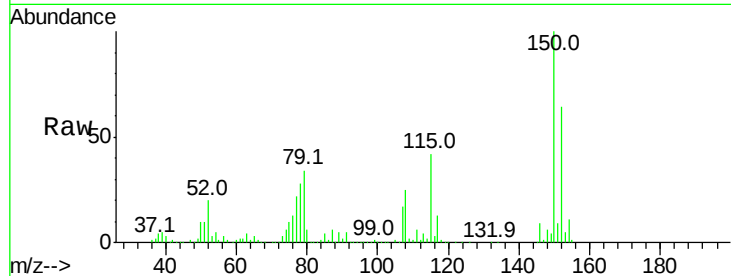
Acq: 13 Jan 2017 12:21

Tgt Ion:	146	Resp:	544032
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.2
111	45.2	36.2	54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





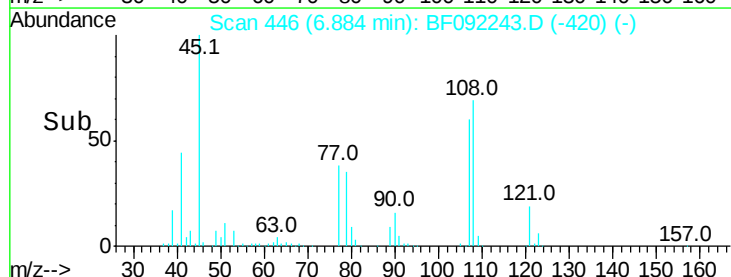
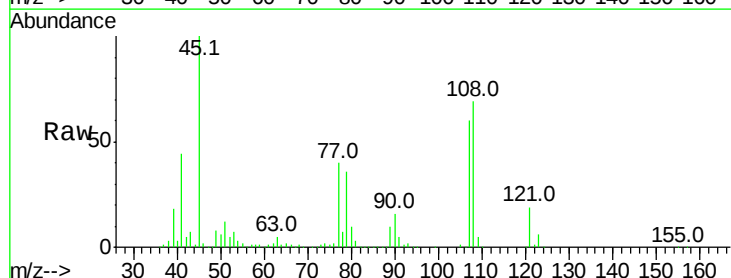
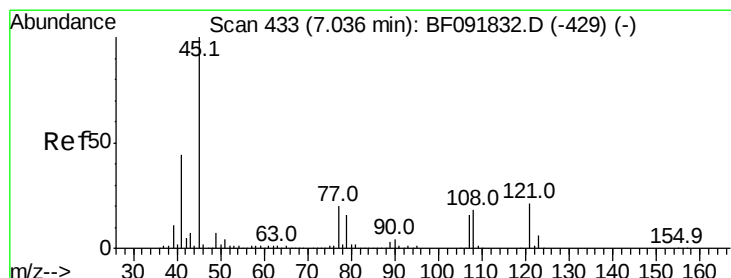
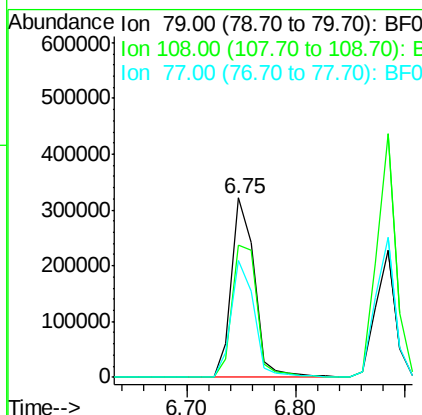
#15
Benzyl Alcohol
Concen: 44.64 ng
RT: 6.75 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.5	61.4	92.0	
77	64.9	50.9	76.3	

Instrument :
BNA_F
ClientSampled :
SW-001MSD

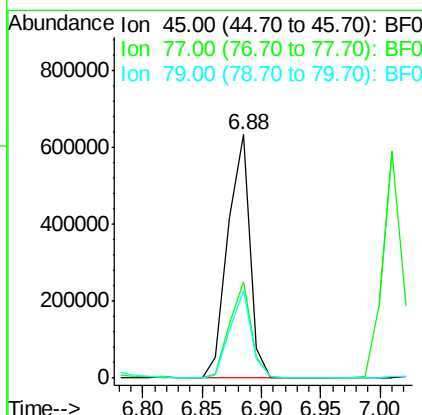
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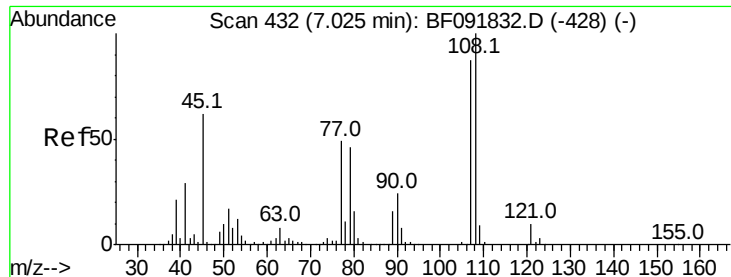
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.26 ng
RT: 6.88 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	39.6	0.0	34.6#	
79	35.9	0.0	31.2#	





#17

2-Methylphenol

Concen: 45.53 ng

RT: 6.88 min Scan# 446

Delta R.T. 0.01 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

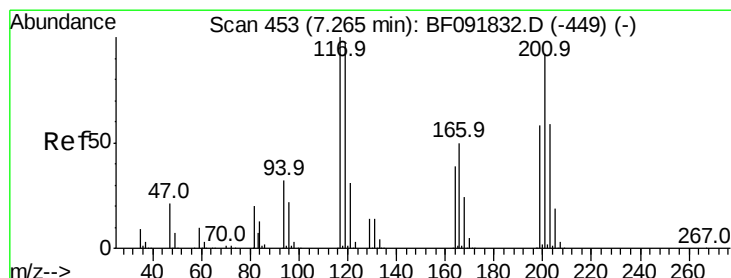
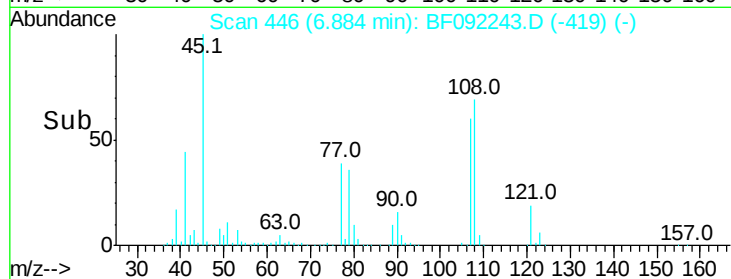
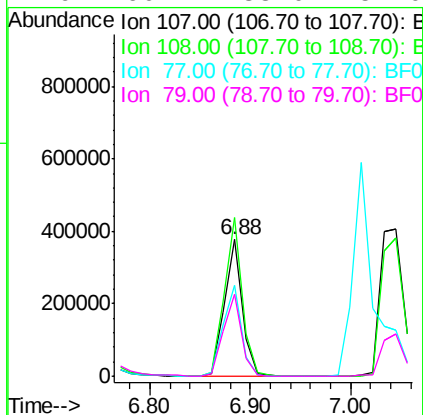
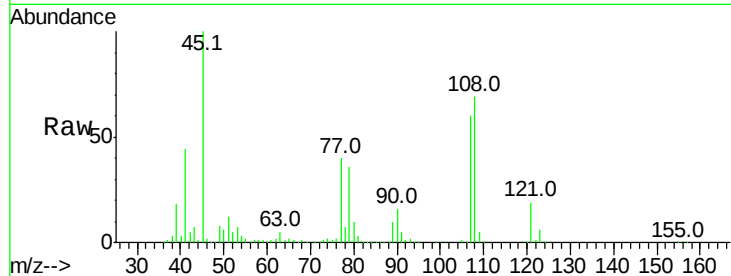
ClientSampleId :

SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.7	93.0	139.6	
77	66.4	39.8	59.8	
79	60.2	38.0	57.0	

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#18

Hexachloroethane

Concen: 42.49 ng

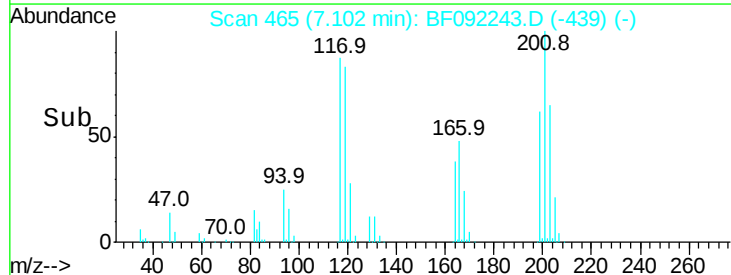
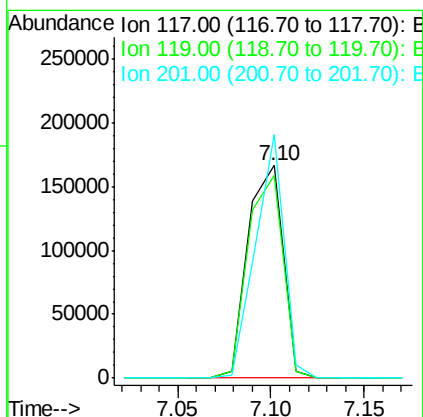
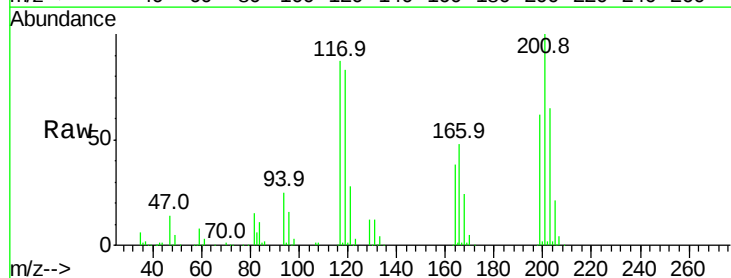
RT: 7.10 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	78.1	117.1	
201	114.5	78.6	117.8	





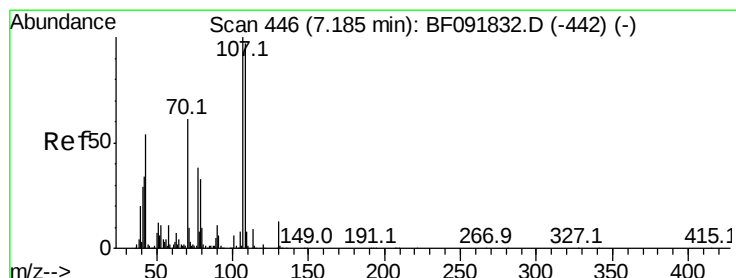
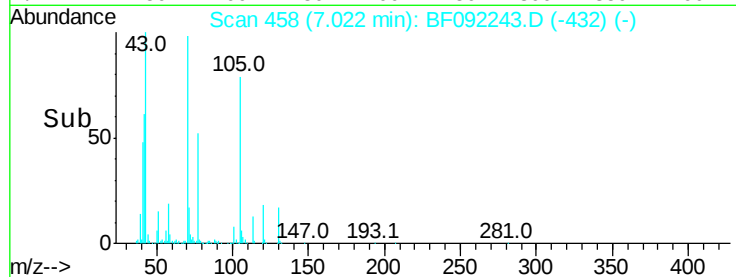
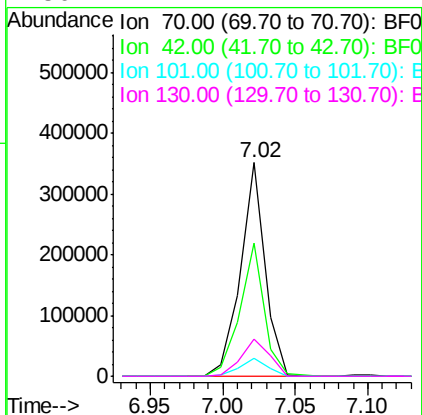
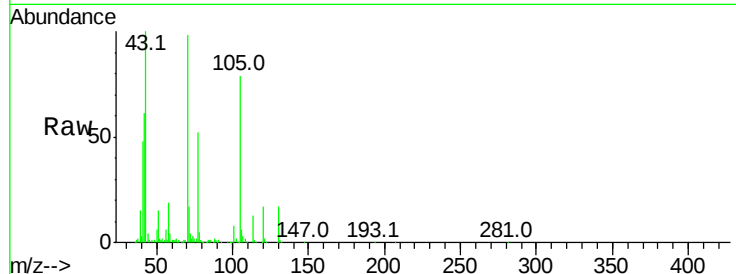
#19
n-Nitroso-di-n-propylamine
Concen: 45.69 ng
RT: 7.02 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	62.1	49.4	74.0		
101	8.6	7.4	11.2		
130	17.7	14.2	21.4		

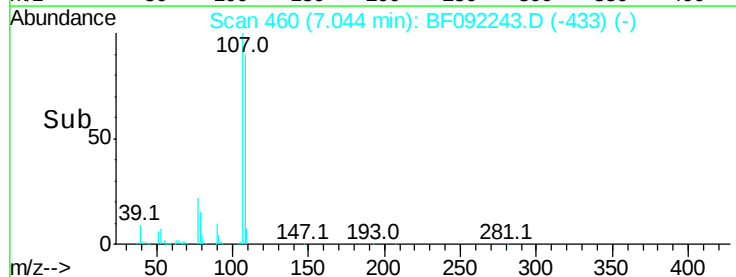
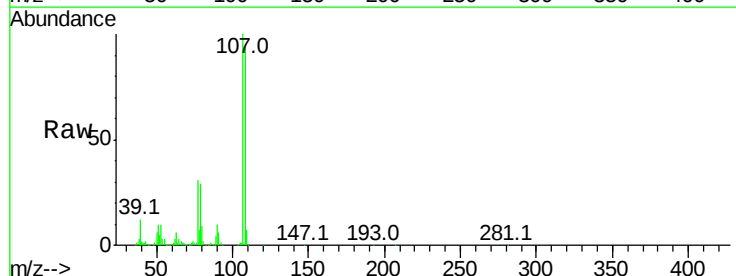
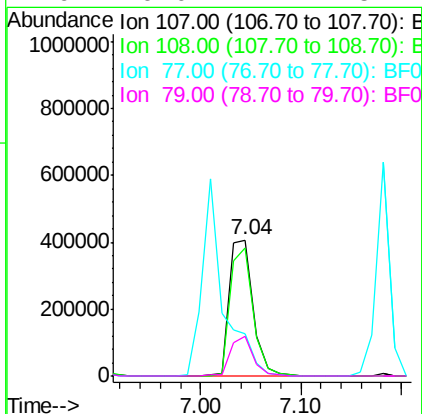
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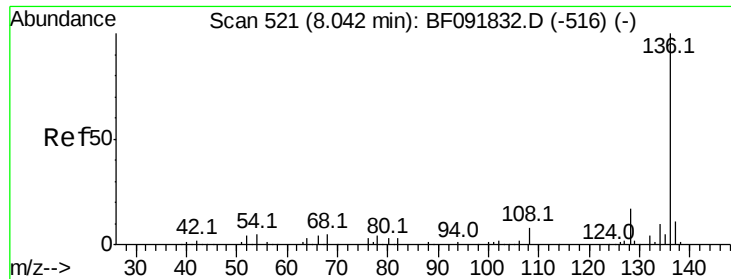
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#20
3+4-Methylphenols
Concen: 54.73 ng
RT: 7.04 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.0	73.0	113.0		
77	31.4	71.3	111.3#		
79	29.0	11.1	51.1		





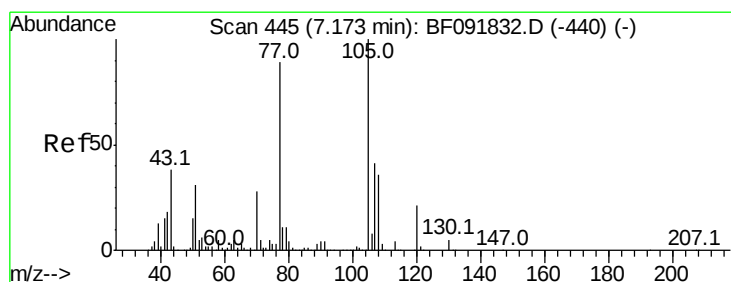
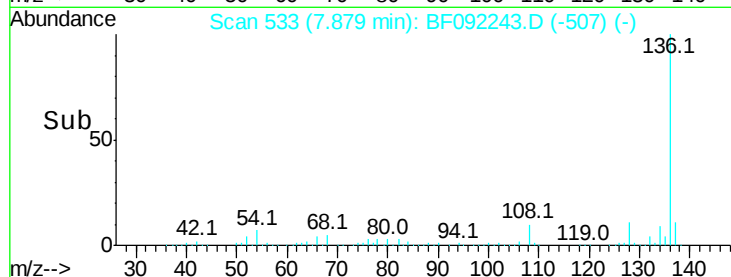
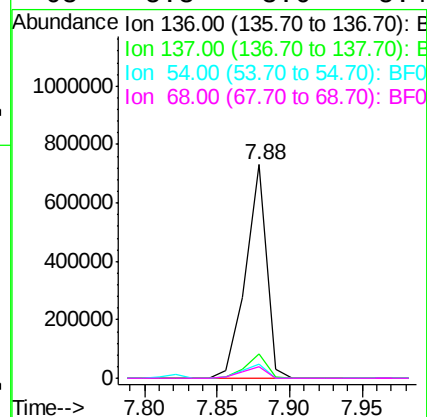
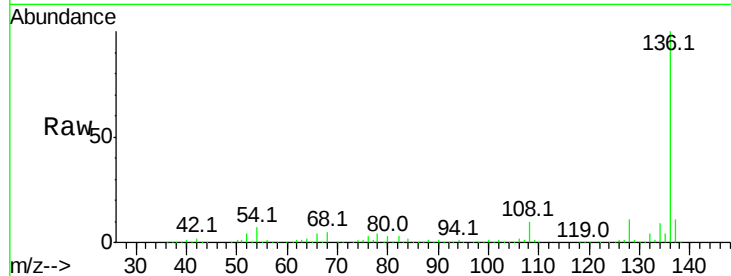
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	731123		
137	11.3	8.4	12.6	
54	6.9	4.5	6.7#	
68	5.3	3.6	5.4	

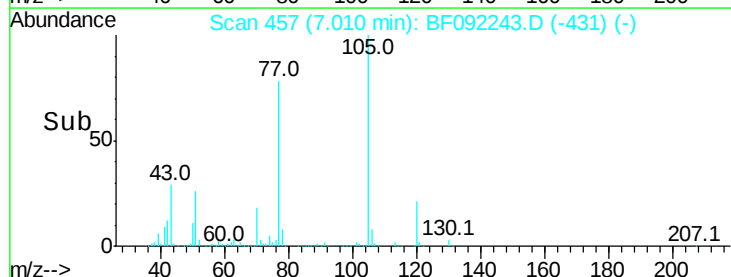
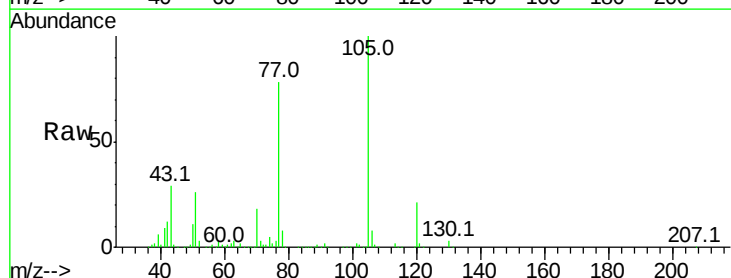
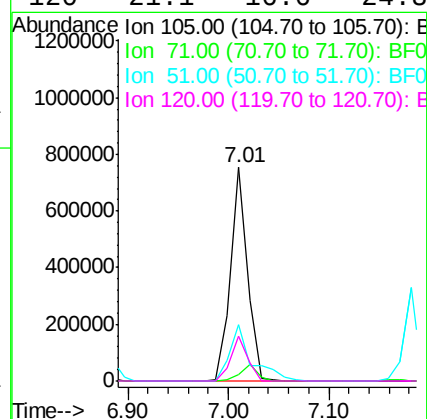
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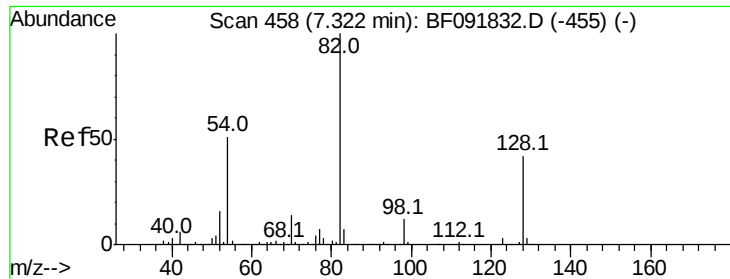
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#22
Acetophenone
Concen: 49.09 ng
RT: 7.01 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	885303		
71	3.0	3.2	4.8#	
51	26.3	26.2	39.4	
120	21.1	16.6	24.8	





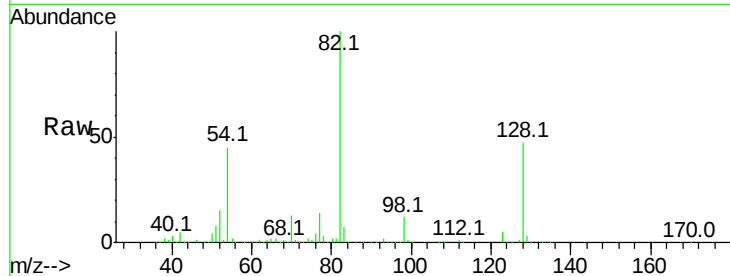
#23
 Nitrobenzene-d5
 Concen: 100.94 ng
 RT: 7.17 min Scan# 471
 Delta R.T. 0.01 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Instrument :
 BNA_F
 ClientSampled :
 SW-001MSD

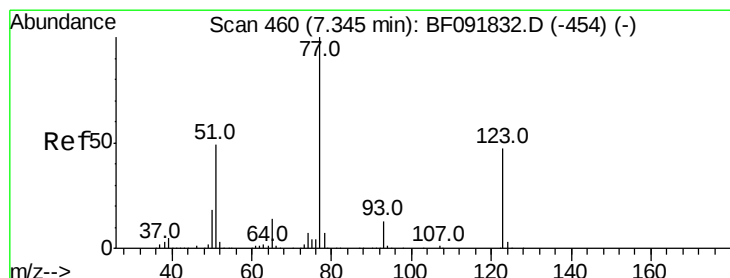
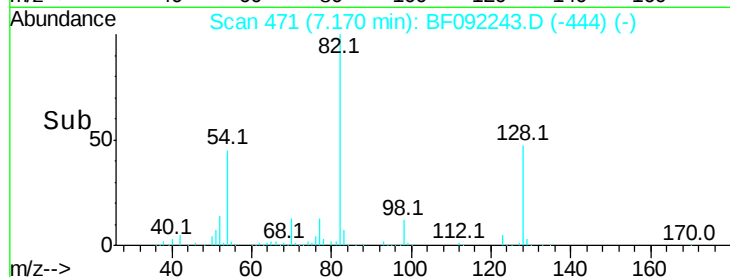
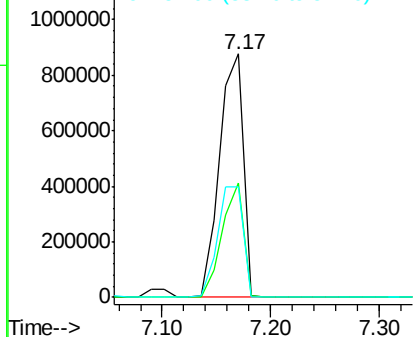
Tot Ion	82	Resp	1327208
Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.6	52.0
54	45.2	39.5	59.3

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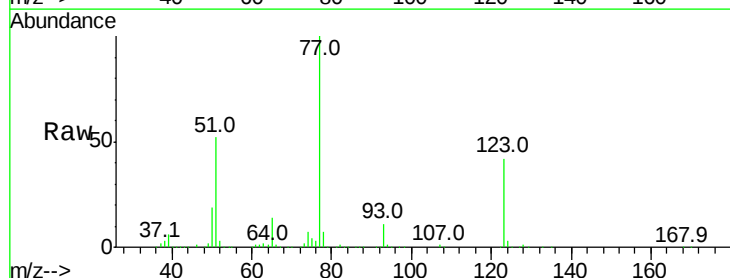


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

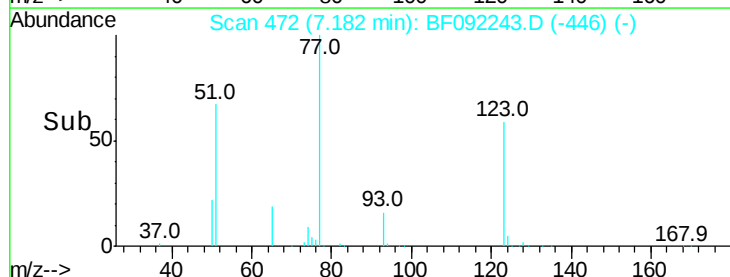
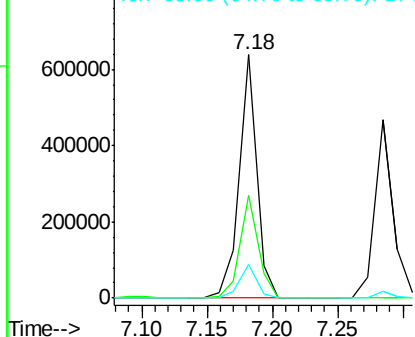


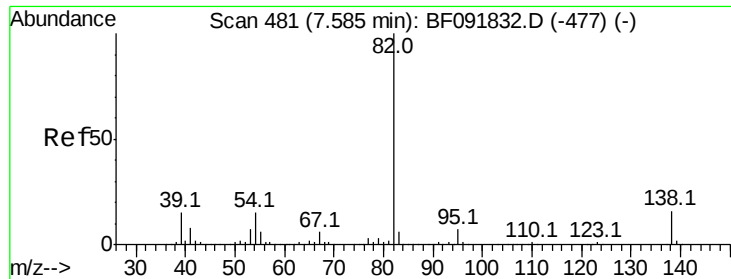
#24
 Nitrobenzene
 Concen: 42.18 ng
 RT: 7.18 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Tgt Ion	77	Resp	590688
Ion	Ratio	Lower	Upper
77	100		
123	42.2	33.0	49.4
65	13.9	11.2	16.8



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





#25

Isophorone

Concen: 48.35 ng

RT: 7.43 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion: 82 Resp: 1172834

Ion Ratio Lower Upper

82 100

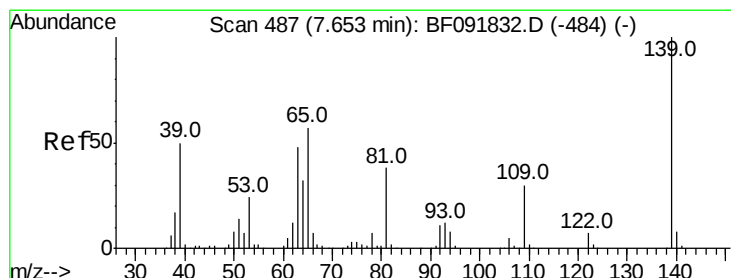
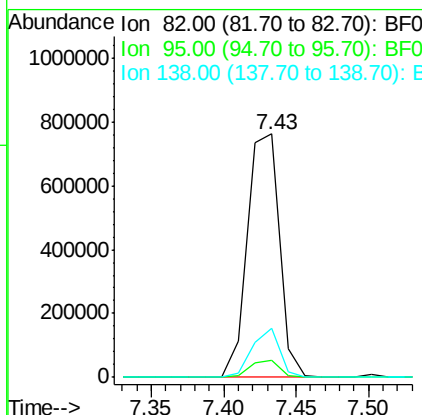
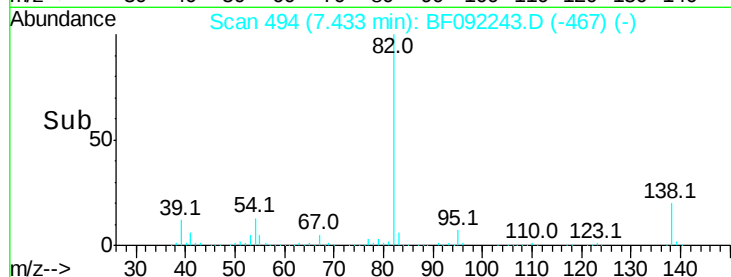
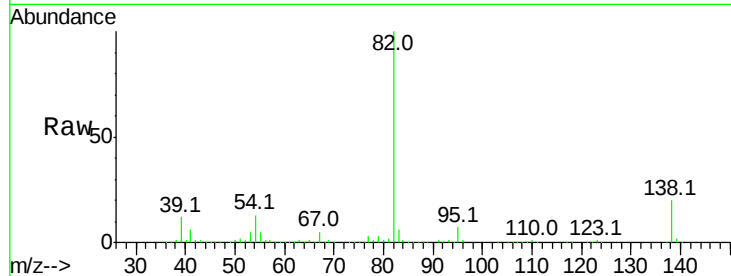
95 6.7 5.6 8.4

138 20.1 14.6 22.0

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#26

2-Nitrophenol

Concen: 49.40 ng

RT: 7.50 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

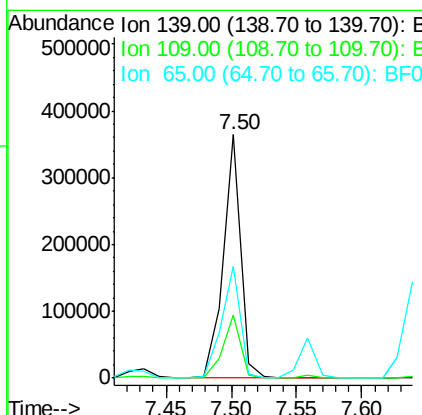
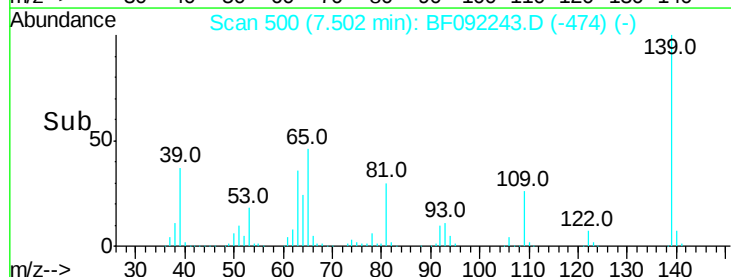
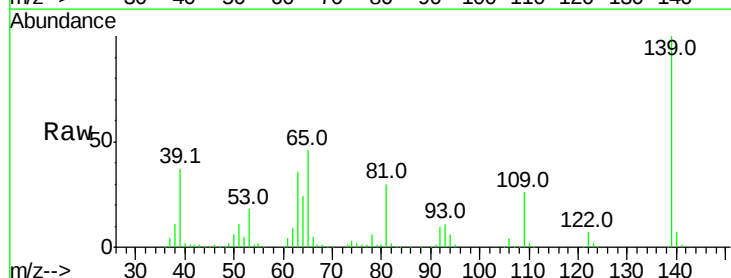
Tgt Ion: 139 Resp: 341128

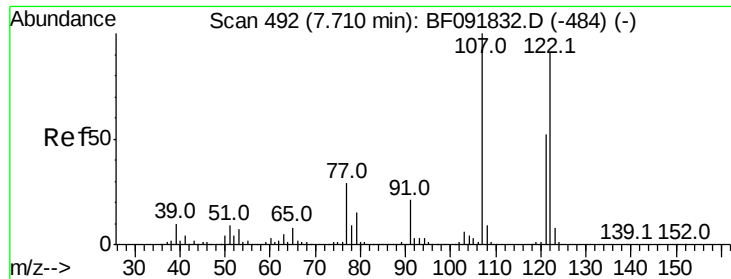
Ion Ratio Lower Upper

139 100

109 25.8 23.3 34.9

65 46.0 42.7 64.1





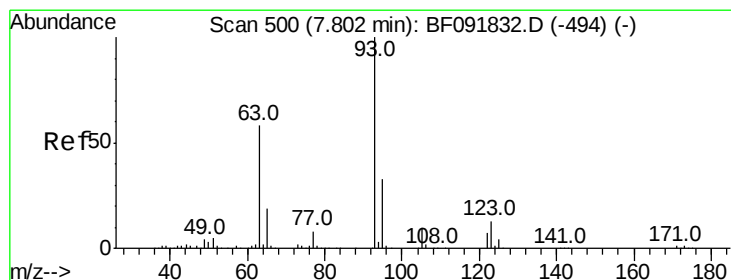
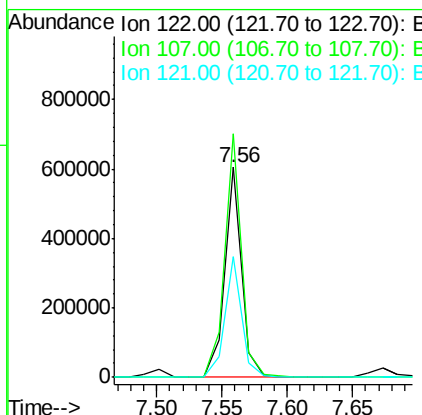
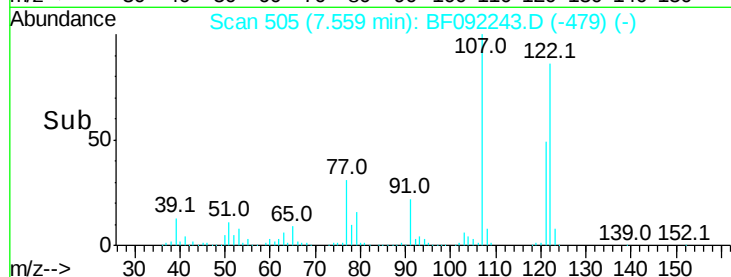
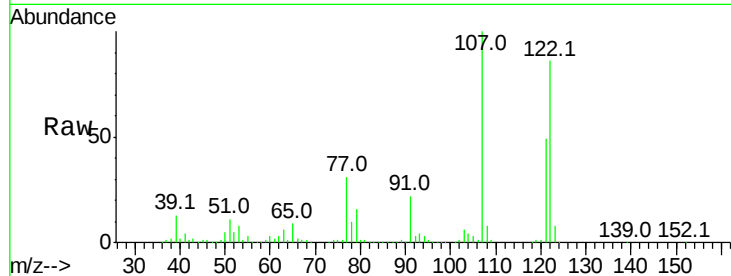
#27
 2,4-Dimethylphenol
 Concen: 47.91 ng
 RT: 7.56 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	548787		
107	115.9		94.1	141.1
121	57.3		46.0	69.0

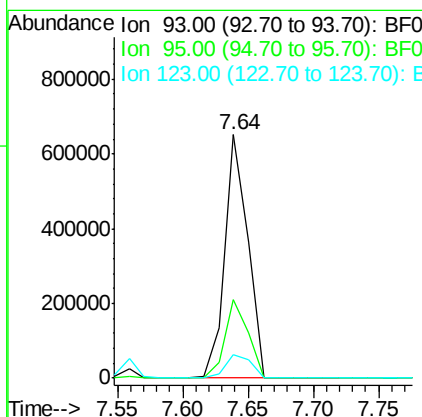
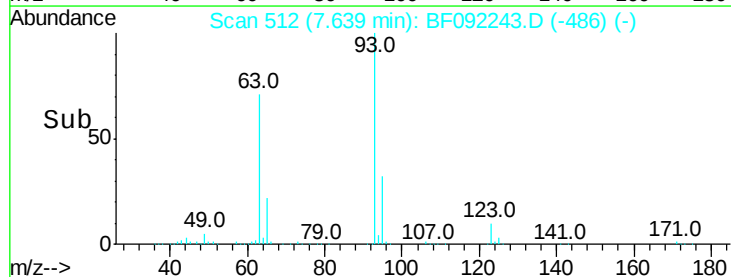
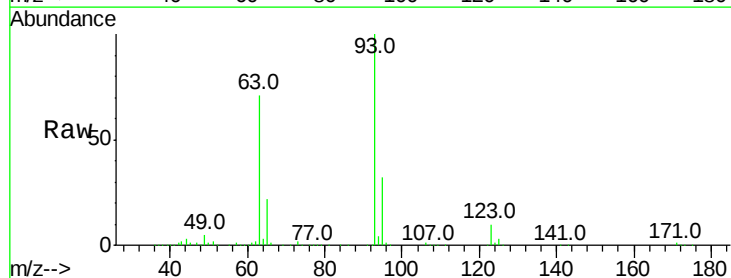
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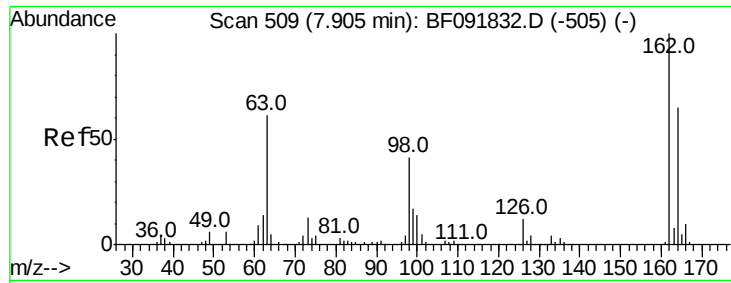
Sohil
 1/16/2017 8:38:40 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.08 ng
 RT: 7.64 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	795512		
95	32.0		26.5	39.7
123	9.8		8.6	13.0





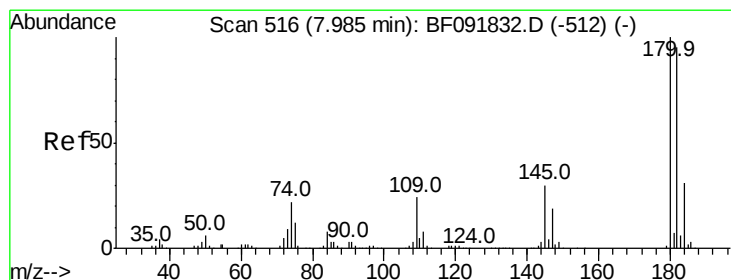
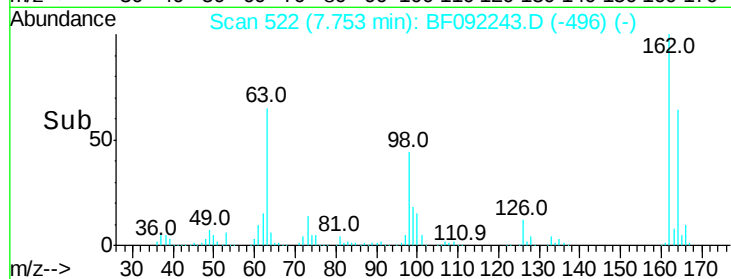
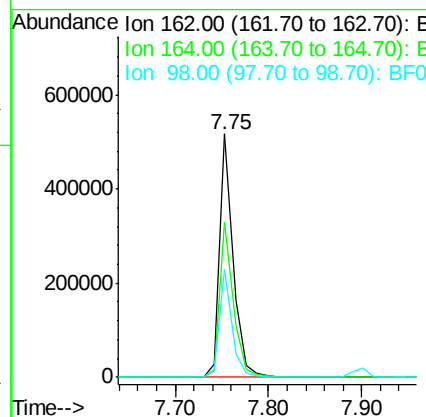
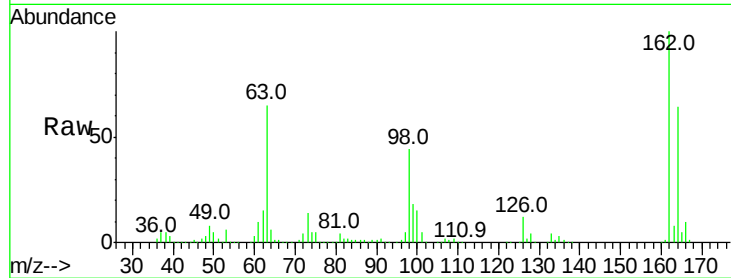
#29
 2,4-Dichlorophenol
 Concen: 53.09 ng
 RT: 7.75 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	46.8	86.8
98	44.2	9.1	49.1

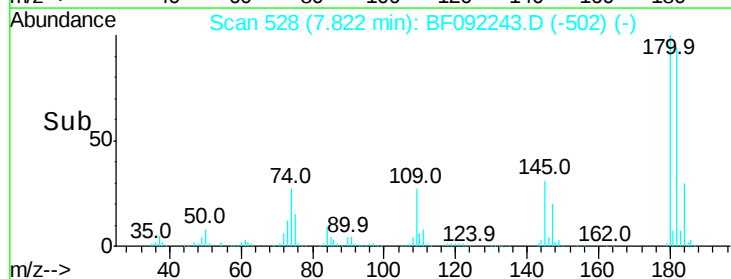
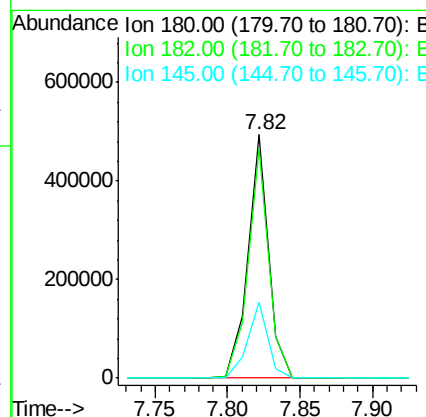
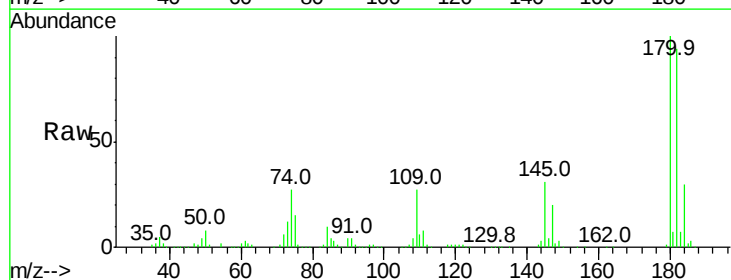
Manual Integrations
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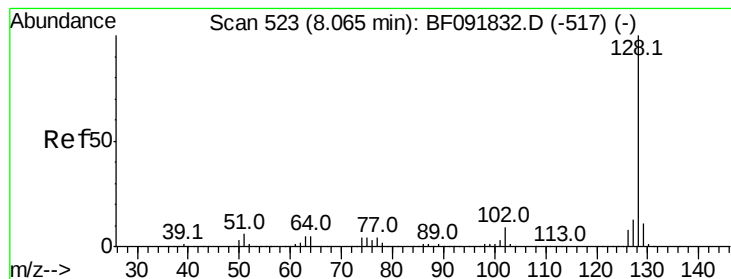
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.77 ng
 RT: 7.82 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	78.2	117.4
145	31.3	21.6	32.4





#31

Naphthalene

Concen: 47.88 ng

RT: 7.90 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion:128 Resp: 1602280

Ion Ratio Lower Upper

128 100

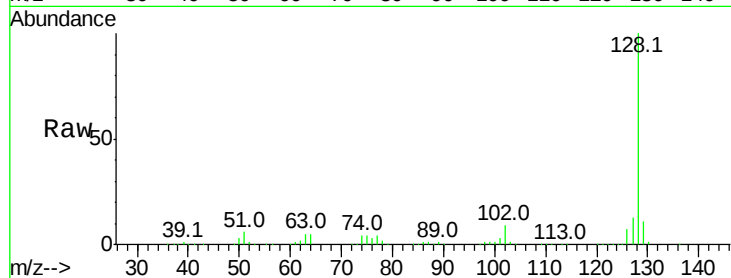
129 11.3 9.5 14.3

127 13.3 10.8 16.2

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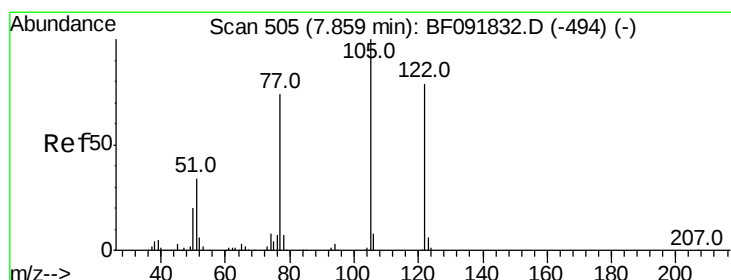
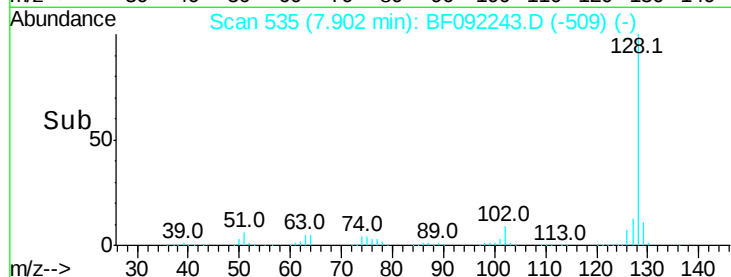
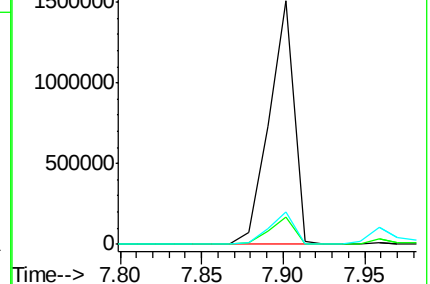
1/16/2017 8:38:40 AM



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: 4.61 ng

RT: 7.67 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

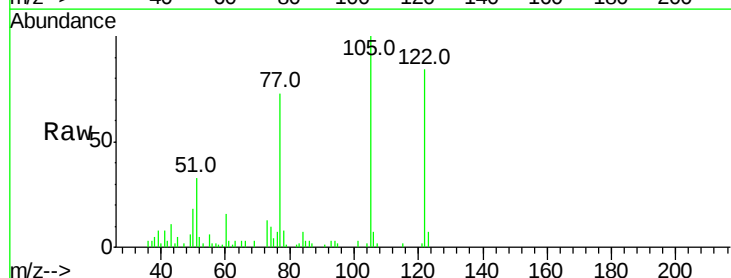
Tgt Ion:122 Resp: 39180

Ion Ratio Lower Upper

122 100

105 119.3 107.2 147.2

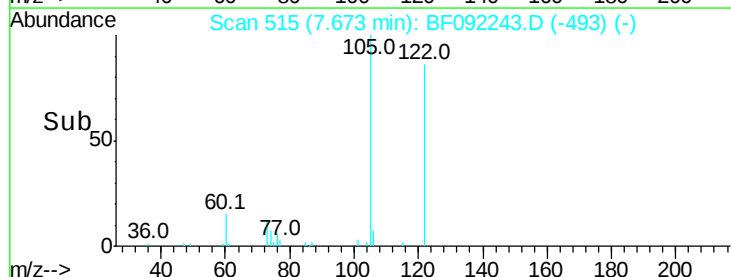
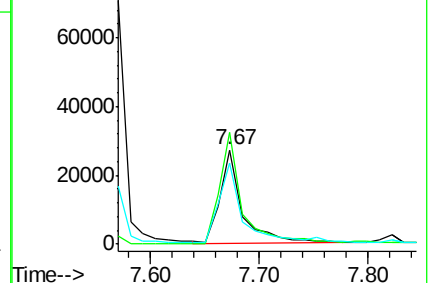
77 86.6 74.5 114.5

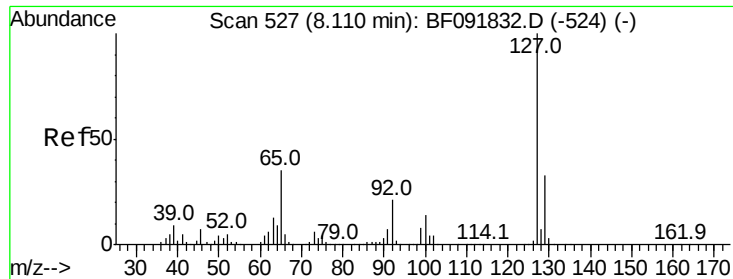


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





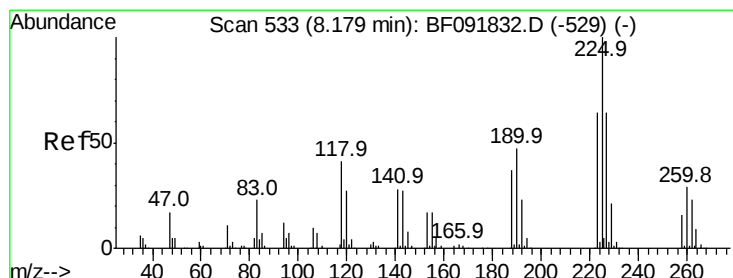
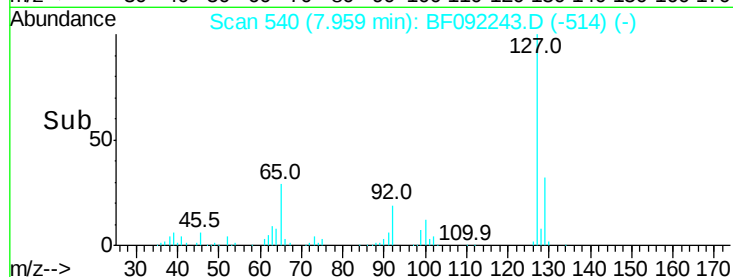
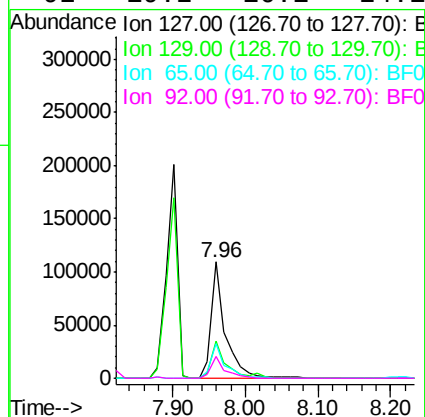
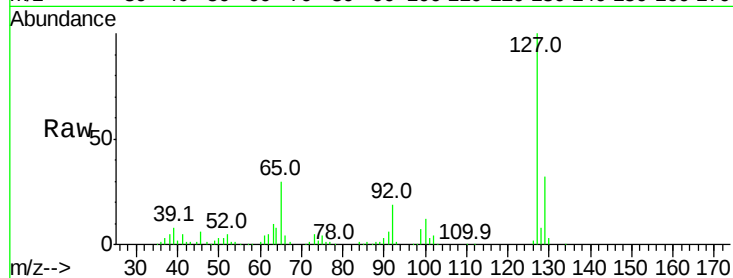
#33
4-Chloroaniline
Concen: 9.95 ng
RT: 7.96 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.3	39.5	
65	29.6	25.8	38.8	
92	19.2	16.1	24.1	

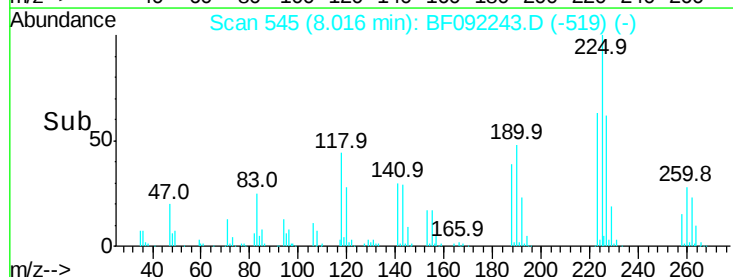
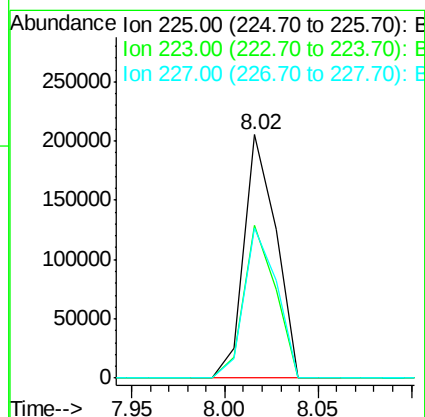
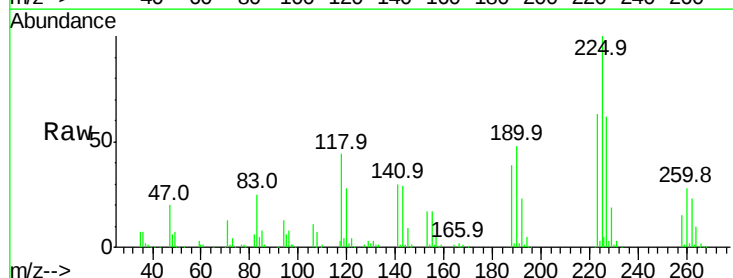
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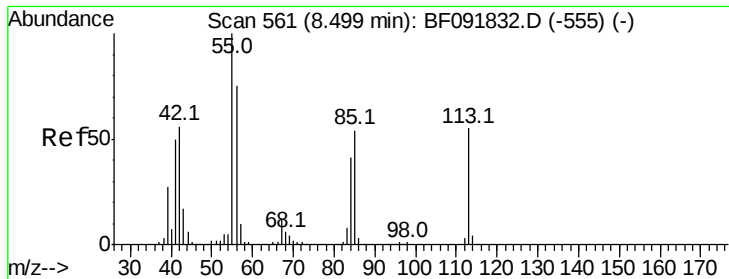
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#34
Hexachlorobutadiene
Concen: 43.69 ng
RT: 8.02 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	51.0	76.6	
227	61.9	50.6	76.0	





#35

Caprolactam

Concen: 43.86 ng/ml

RT: 8.35 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

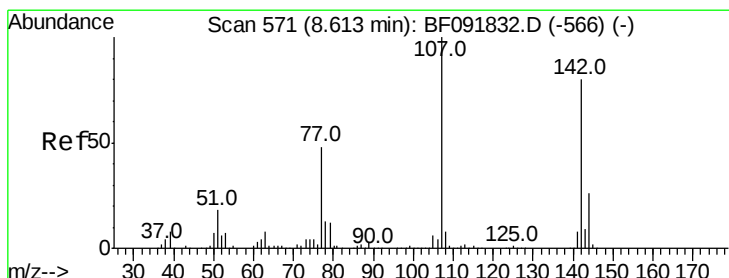
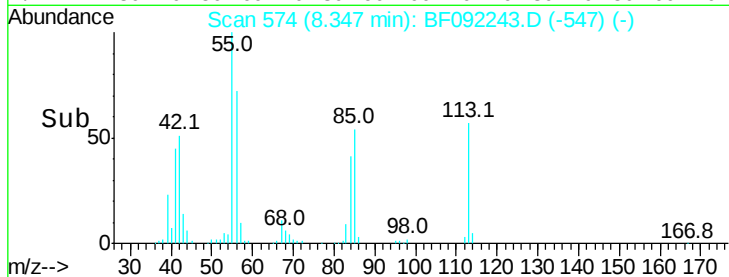
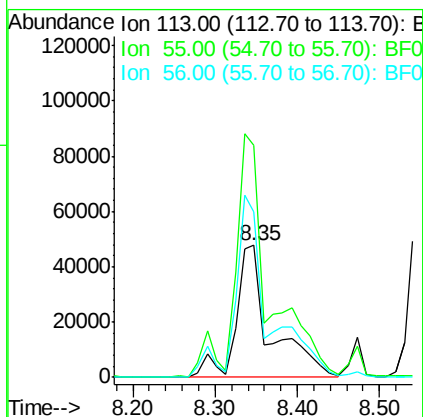
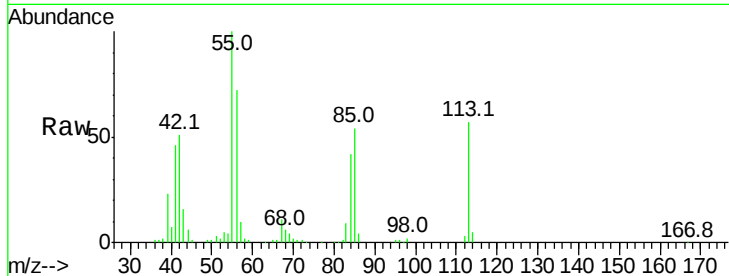
ClientSampled :

SW-001MSD

Tot Ion:	113	Resp:	139786
Ion Ratio	Lower	Upper	
113	100		
55	175.2	119.2	159.2#
56	125.7	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 44.22 ng/ml

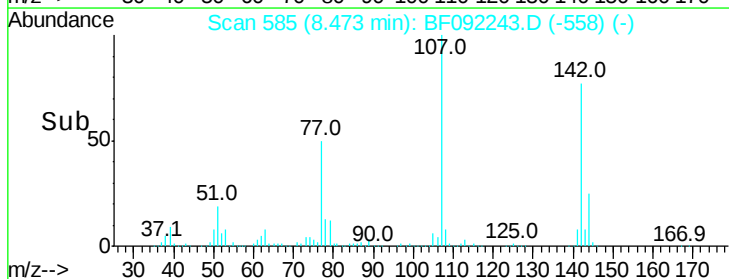
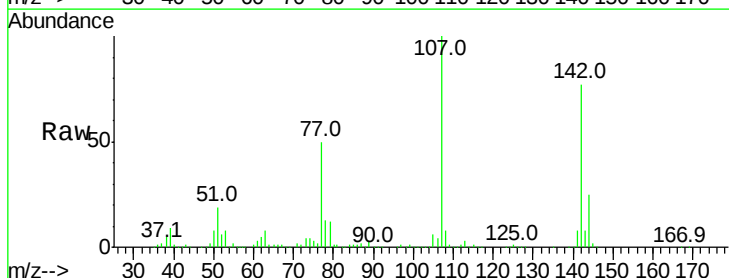
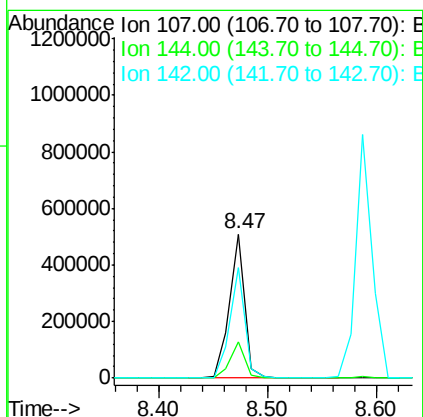
RT: 8.47 min Scan# 585

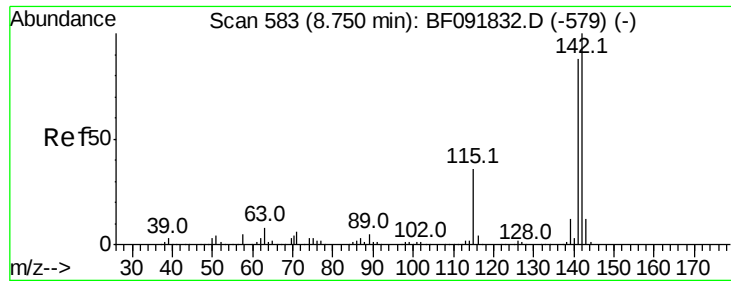
Delta R.T. 0.01 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion:	107	Resp:	493584
Ion Ratio	Lower	Upper	
107	100		
144	25.0	19.3	28.9
142	76.7	59.0	88.6





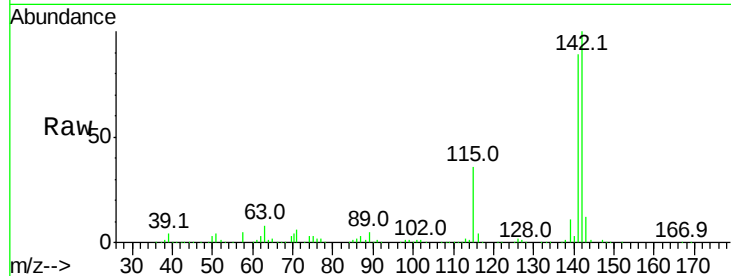
#37
2-Methylnaphthalene
Concen: 44.69 ng
RT: 8.59 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

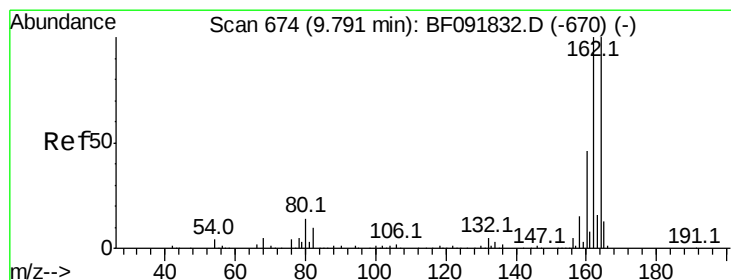
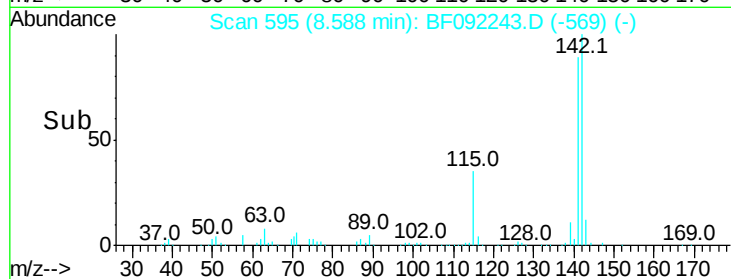
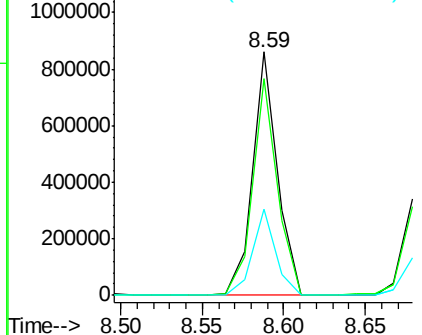
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	35.6	28.3	42.5

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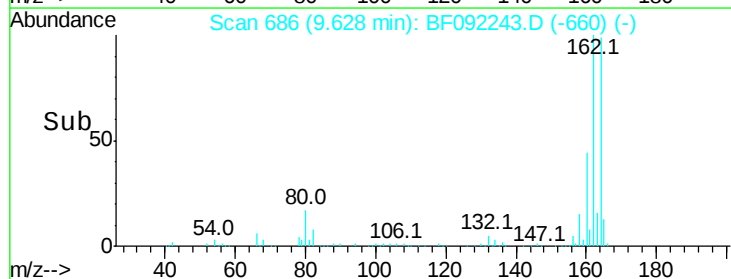
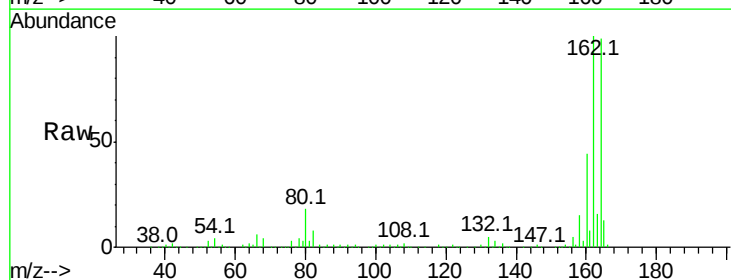
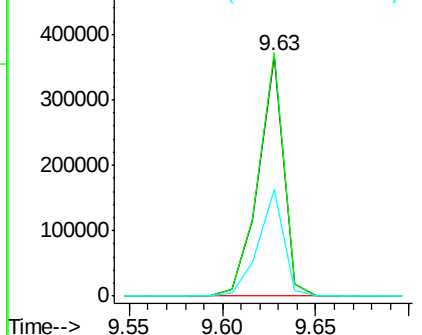
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

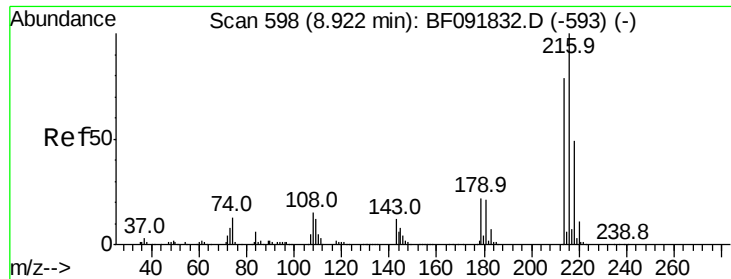


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.2
160	44.6	36.9	55.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.22 ng

RT: 8.76 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

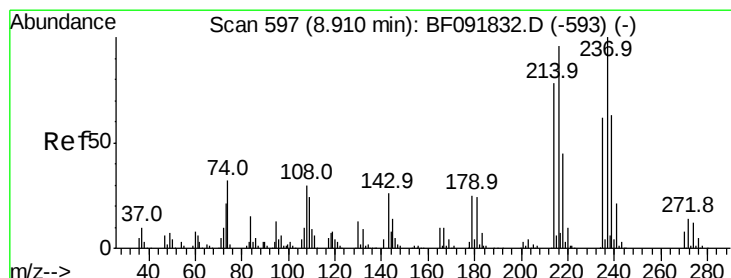
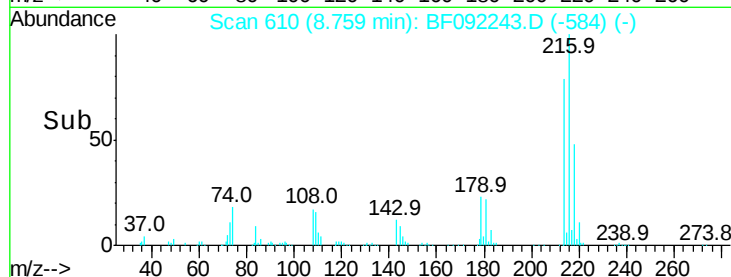
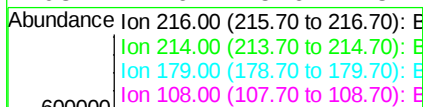
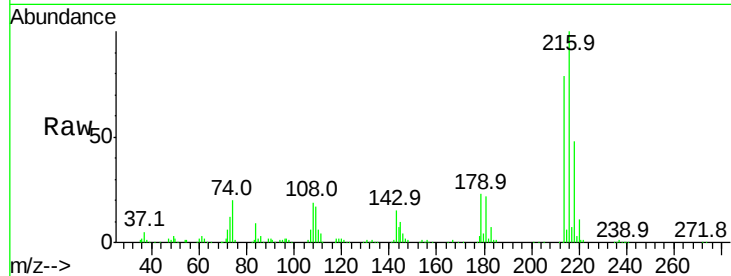
ClientSampleId :

SW-001MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.4	95.0
179	22.9	17.4	26.2
108	21.6	15.6	23.4

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#40

Hexachlorocyclopentadiene

Concen: 47.76 ng

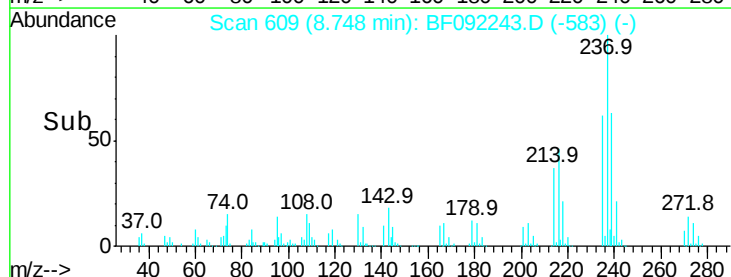
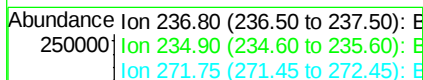
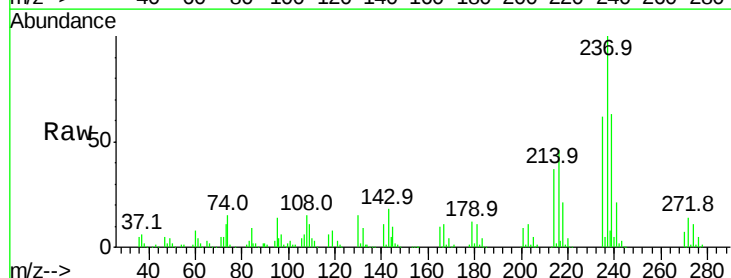
RT: 8.75 min Scan# 609

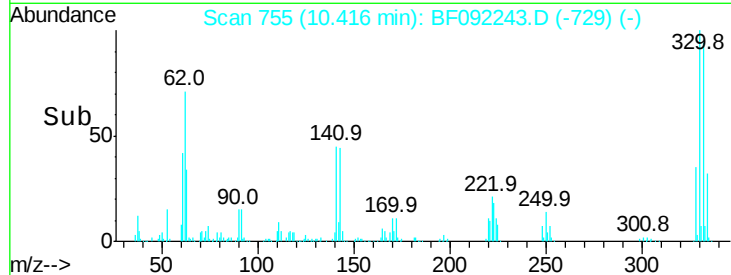
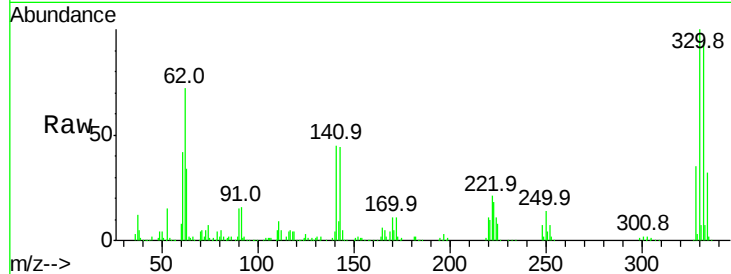
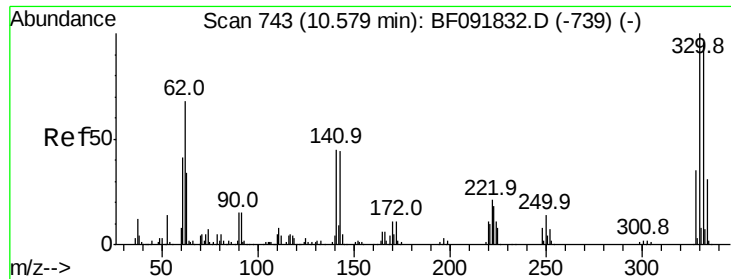
Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.8	41.2	81.2
272	13.5	0.0	35.4





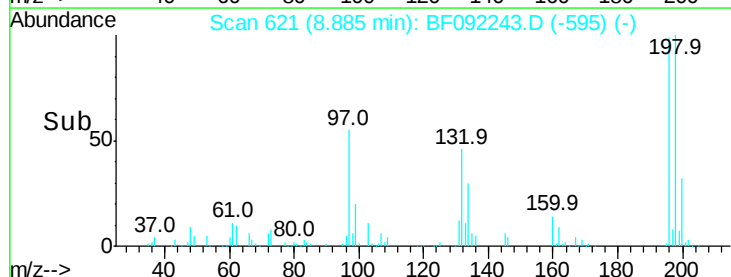
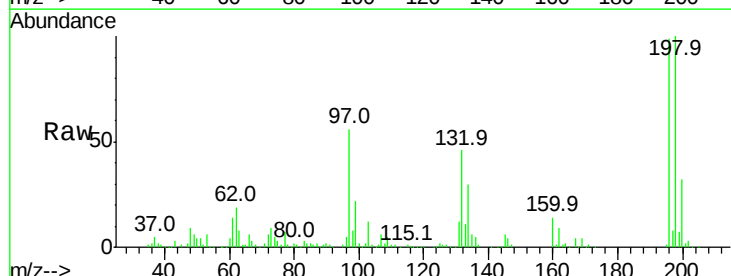
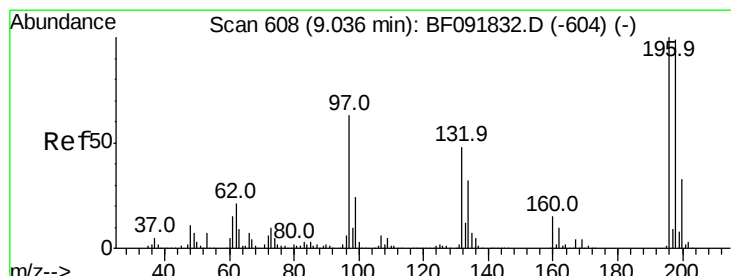
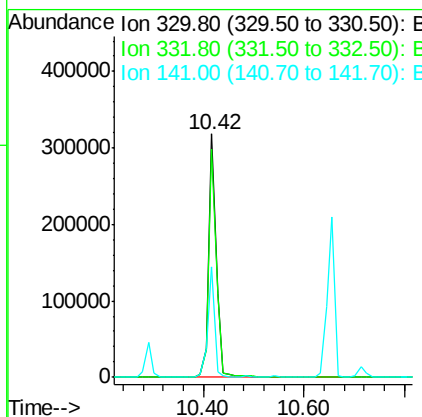
#41
 2,4,6-Tribromophenol
 Concen: 117.97 ng
 RT: 10.42 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Tot Ion	Ratio	Resp	Lower	Upper
330	100	340903		
332	94.2		77.4	116.2
141	39.6		34.1	51.1

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

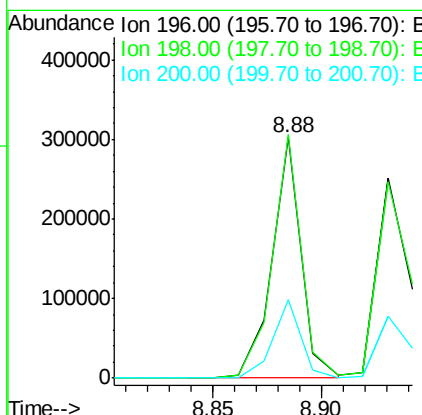
Manual Integrations
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 1/16/2017 8:38:40 AM



#42
 2,4,6-Trichlorophenol
 Concen: 45.98 ng
 RT: 8.88 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	283709		
198	101.1		82.1	123.1
200	32.6		27.0	40.4





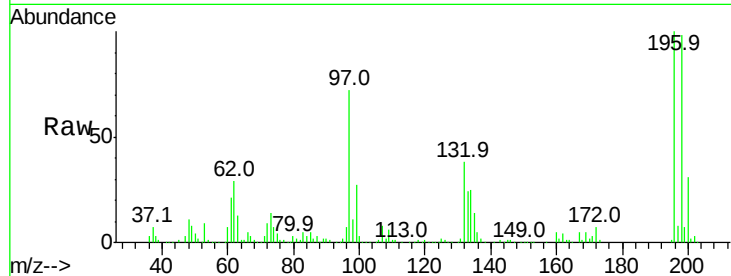
#43
 2,4,5-Trichlorophenol
 Concen: 41.83 ng
 RT: 8.93 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

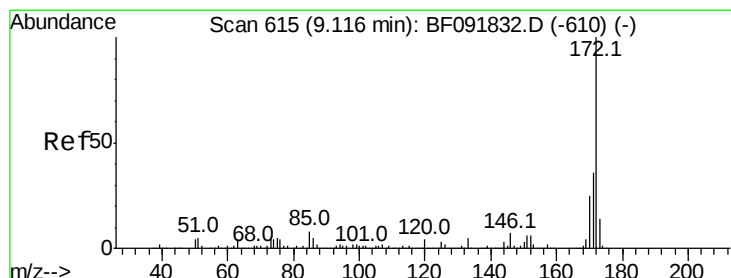
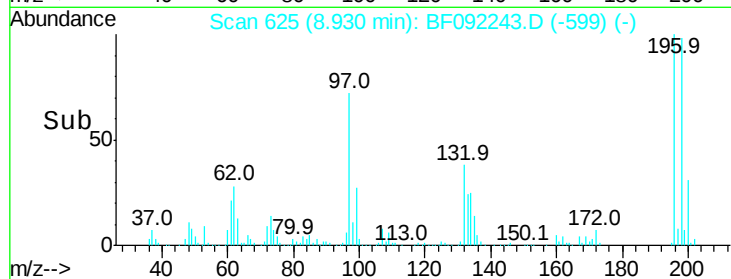
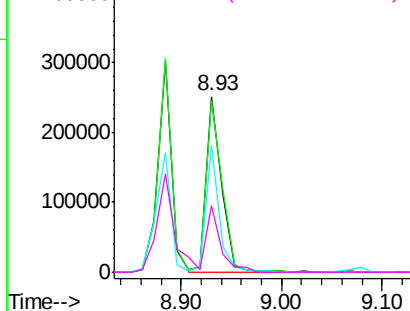
Tot Ion	Ratio	Resp	Lower	Upper
196	100	265567		
198	97.9	79.4	119.2	
97	72.1	51.5	77.3	
132	37.9	27.4	41.2	

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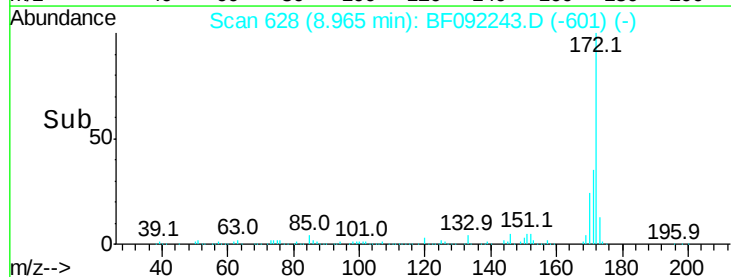
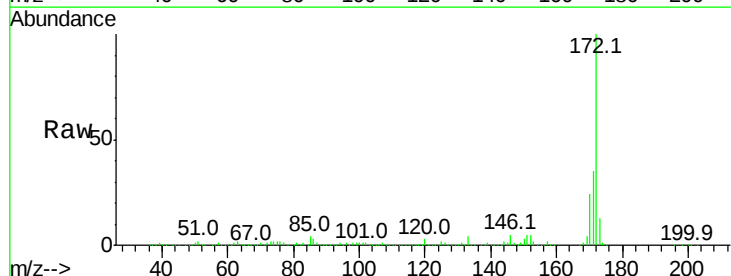
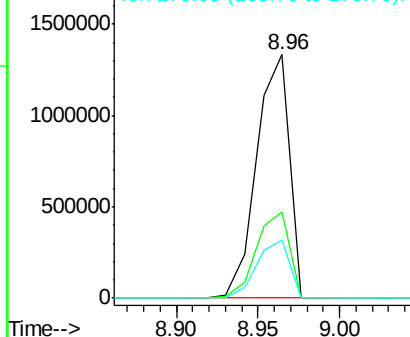
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

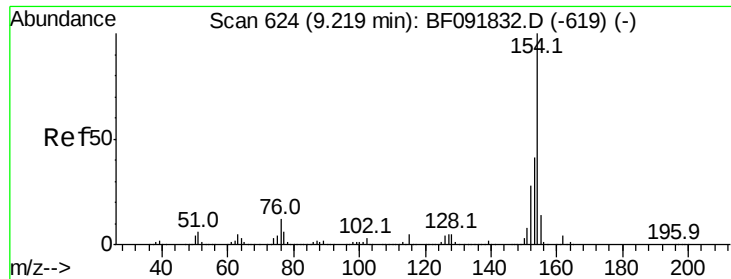


#44
 2-Fluorobiphenyl
 Concen: 113.11 ng
 RT: 8.96 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1854933		
171	35.4	29.4	44.0	
170	23.9	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: 47.72 ng

RT: 9.06 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion:154 Resp: 1140818

Ion Ratio Lower Upper

154 100

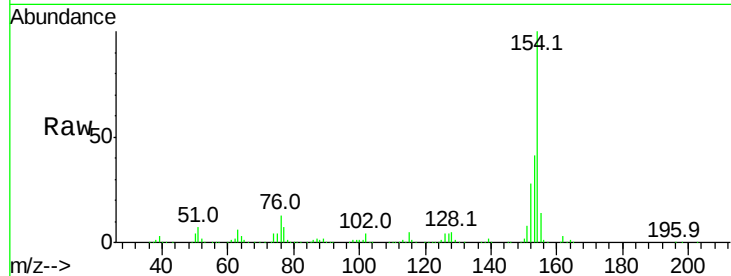
153 40.6 20.9 60.9

76 13.5 0.0 30.5

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Sohil

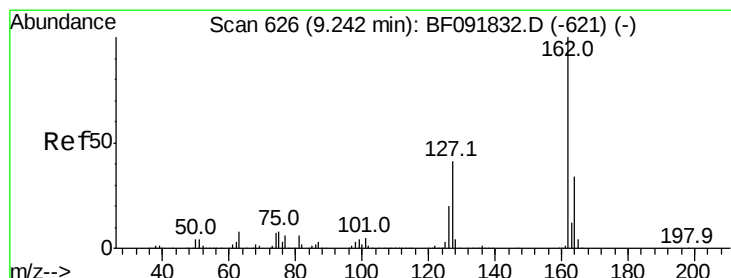
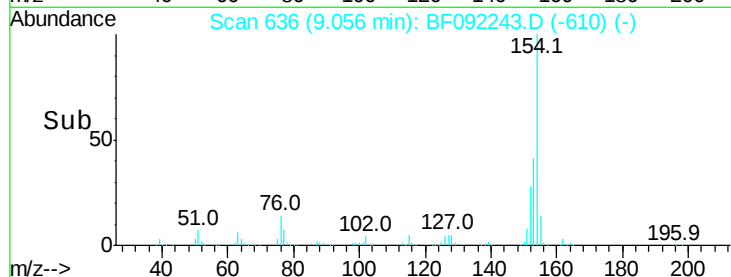
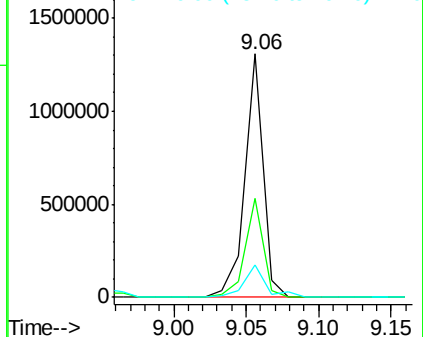
1/16/2017 8:38:40 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.79 ng

RT: 9.08 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

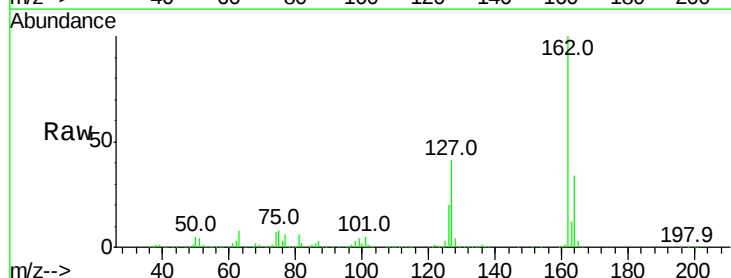
Tgt Ion:162 Resp: 885993

Ion Ratio Lower Upper

162 100

127 40.8 30.7 46.1

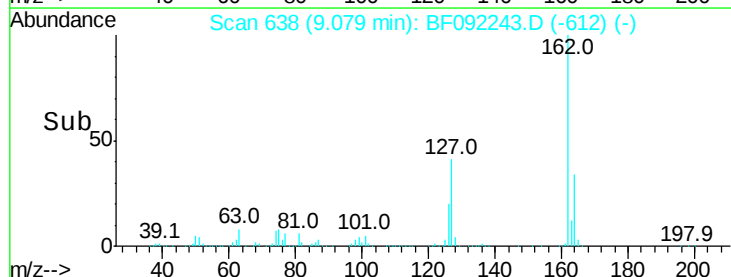
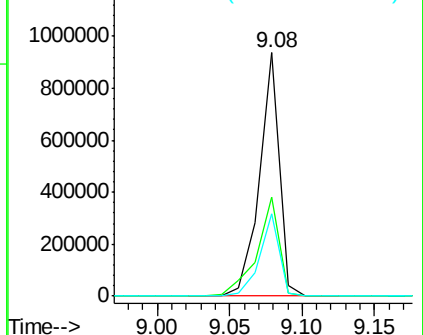
164 33.7 27.6 41.4

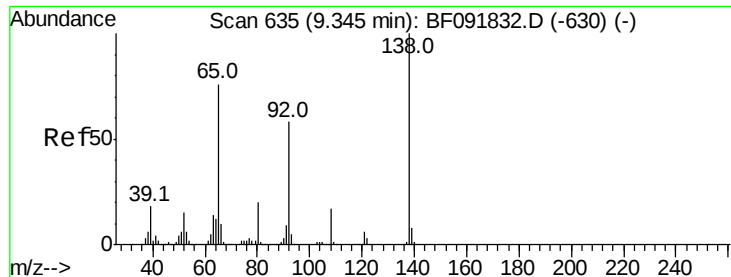


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





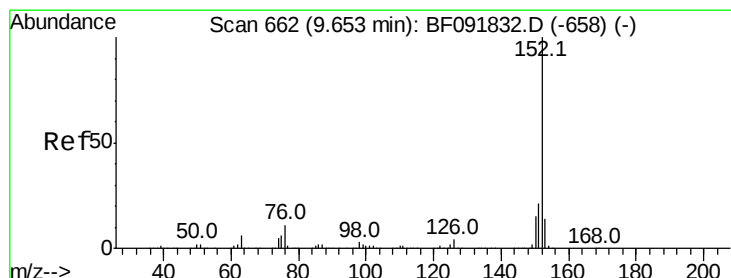
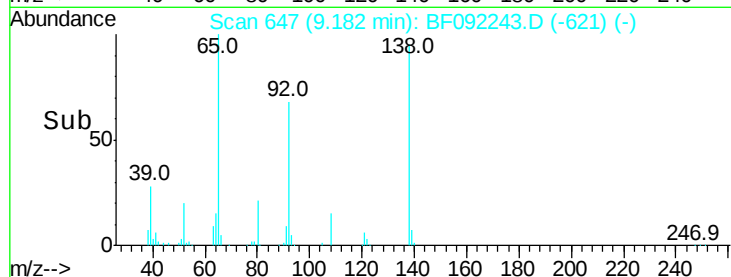
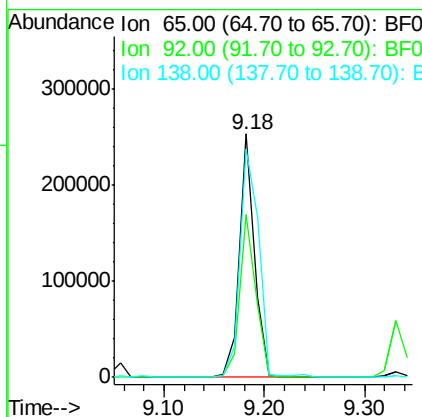
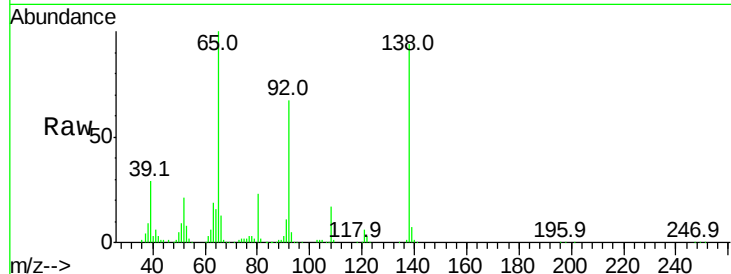
#47
2-Nitroaniline
Concen: 39.05 ng
RT: 9.18 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.9	80.9
138	93.8	76.8	115.2

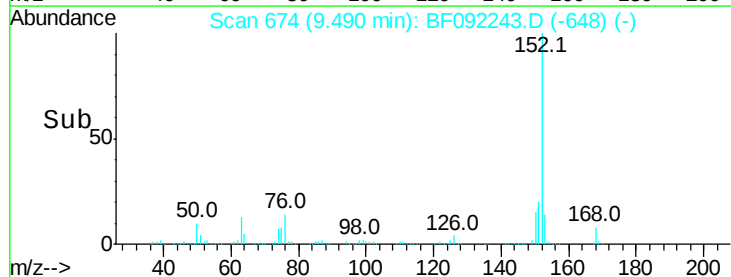
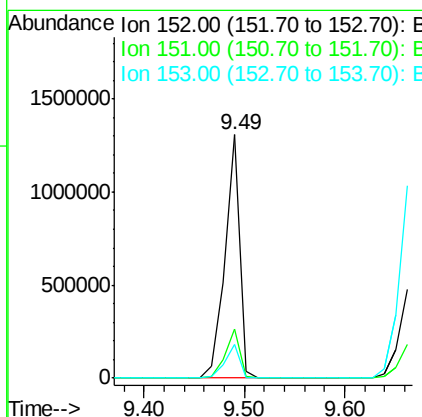
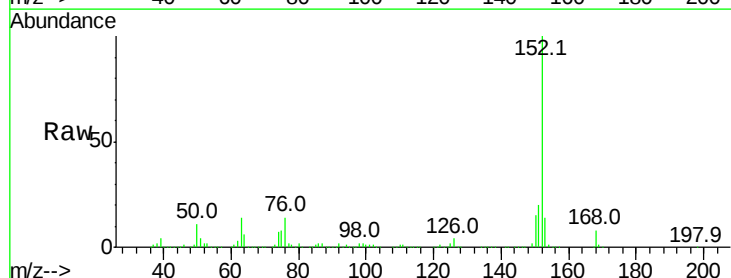
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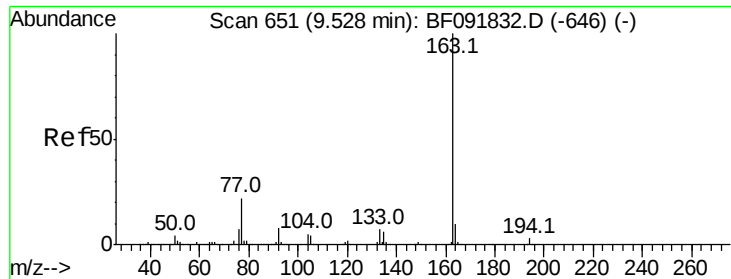
Sohil
1/16/2017 8:38:40 AM



#48
Acenaphthylene
Concen: 45.28 ng
RT: 9.49 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	14.1	11.4	17.2





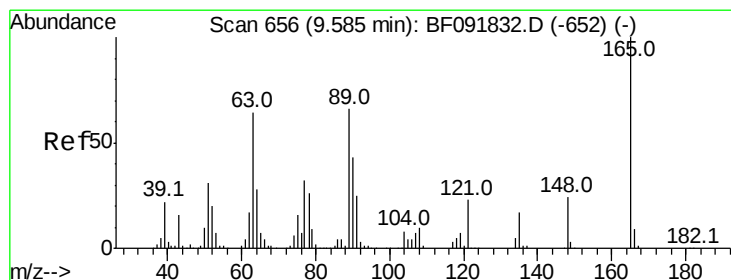
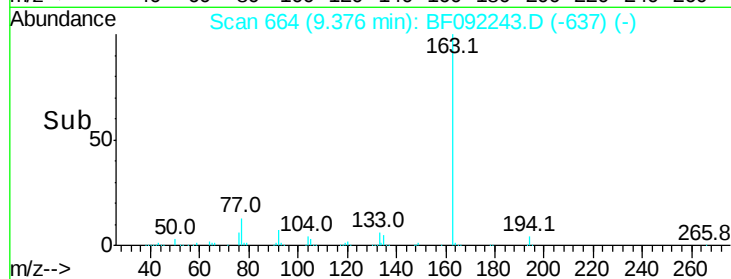
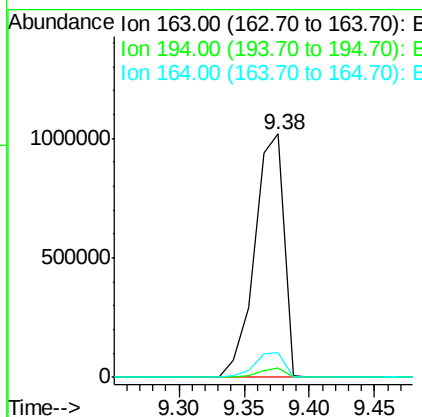
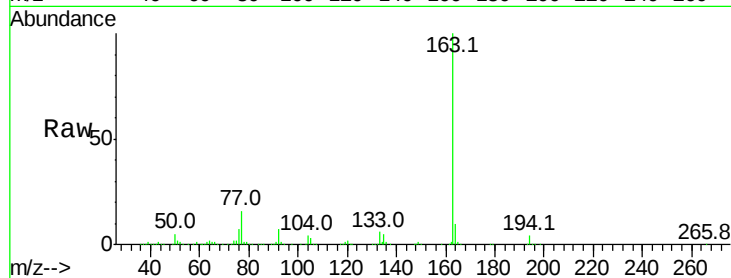
#49
Dimethylphthalate
Concen: 71.42 ng
RT: 9.38 min Scan# 664
Delta R.T. 0.01 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampled :
SW-001MSD

Tot Ion:163 Resp: 1594973
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.9 8.0 12.0

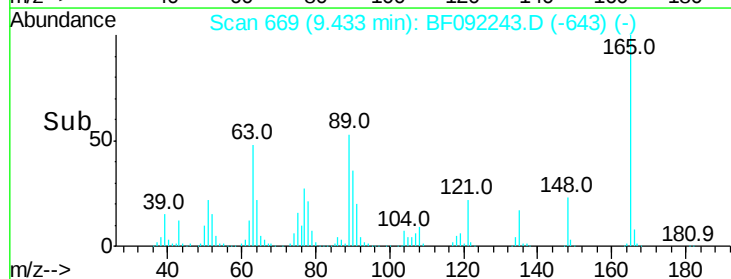
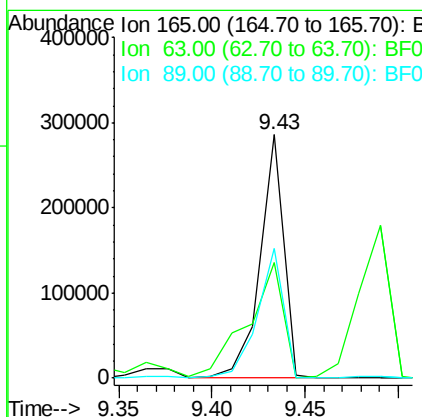
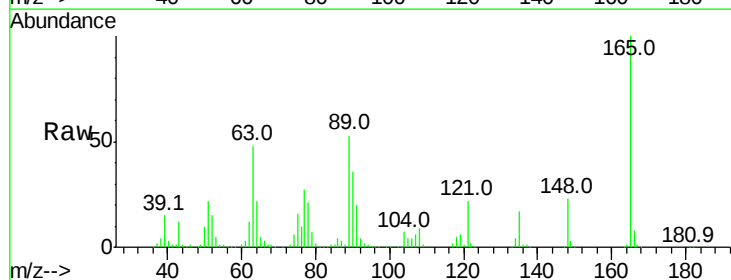
Manual Integrations
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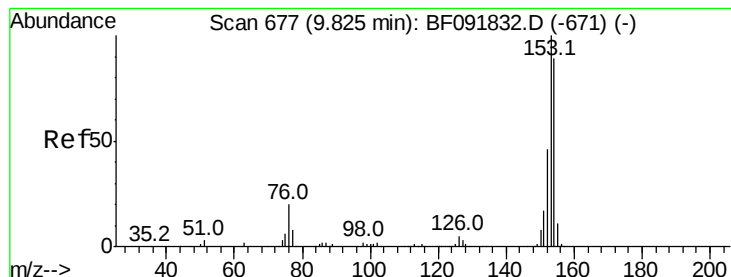
Sohil
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#50
2,6-Dinitrotoluene
Concen: 50.91 ng
RT: 9.43 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion:165 Resp: 248851
Ion Ratio Lower Upper
165 100
63 47.6 36.2 54.4
89 53.1 40.2 60.4





#51

Acenaphthene

Concen: 44.12 ng

RT: 9.66 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

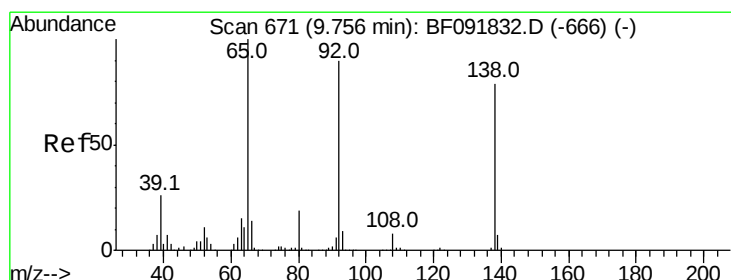
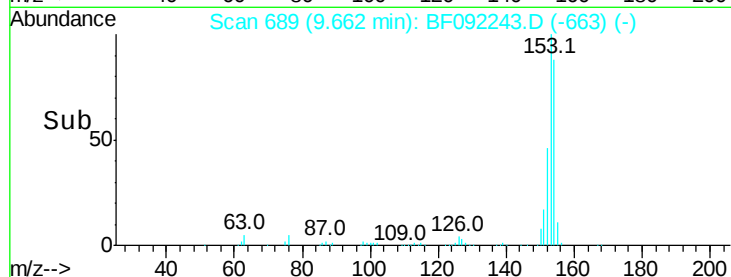
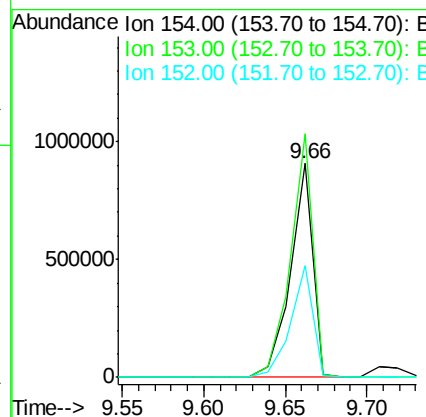
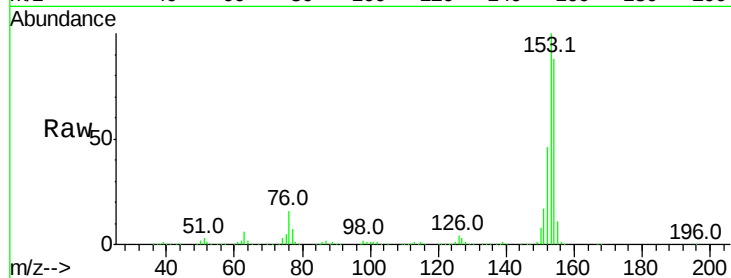
ClientSampled :

SW-001MSD

Tot Ion:	154	Resp:	871022
Ion Ratio	Lower	Upper	
154	100		
153	113.8	88.6	133.0
152	52.3	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 21.68 ng

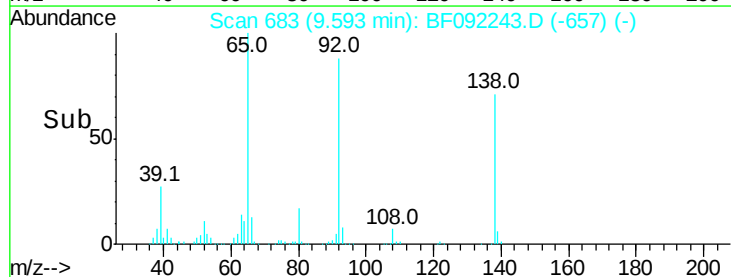
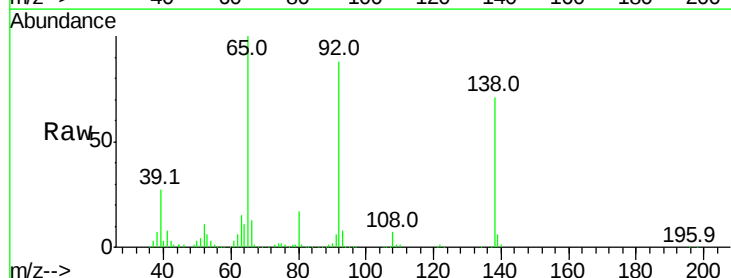
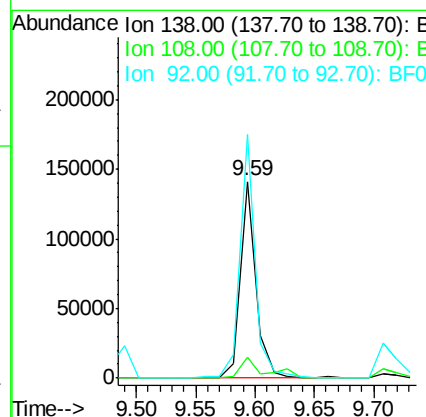
RT: 9.59 min Scan# 683

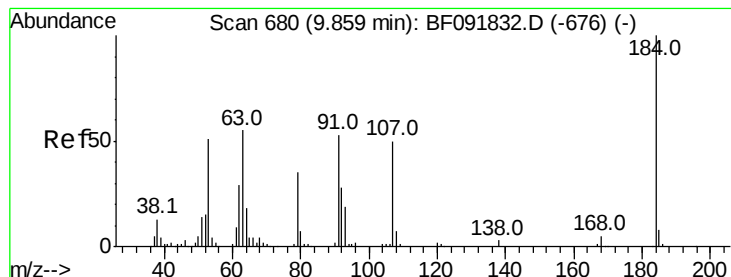
Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion:	138	Resp:	131162
Ion Ratio	Lower	Upper	
138	100		
108	10.4	8.5	12.7
92	123.7	97.8	146.8





#53

2,4-Dinitrophenol

Concen: 43.20 ng

RT: 9.72 min Scan# 694

Delta R.T. 0.01 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

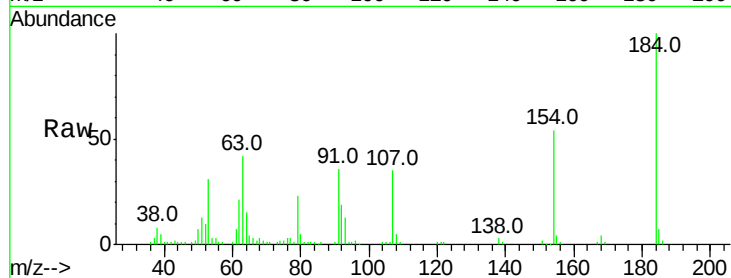
ClientSampleId :

SW-001MSD

Tot Ion:	184	Resp:	117490
Ion Ratio	Lower	Upper	
184	100		
63	41.8	28.4	42.6
154	53.6	44.3	66.5

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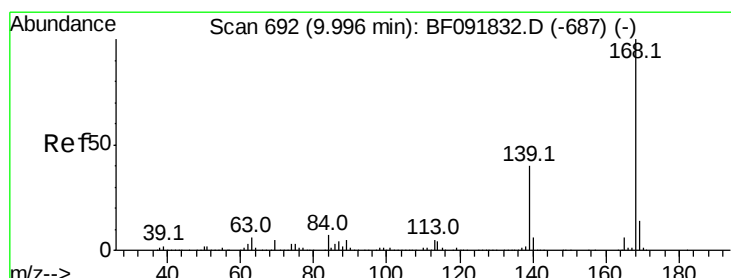
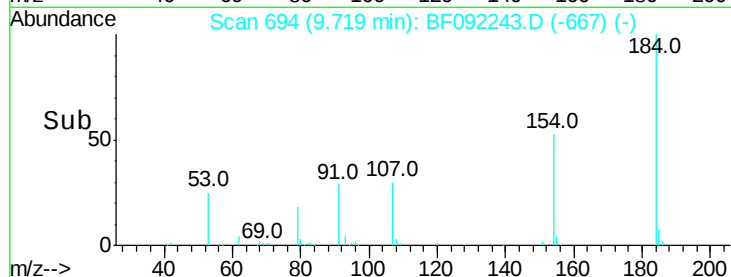
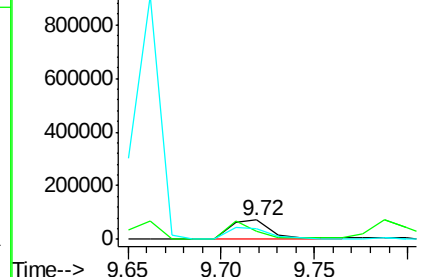
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.28 ng

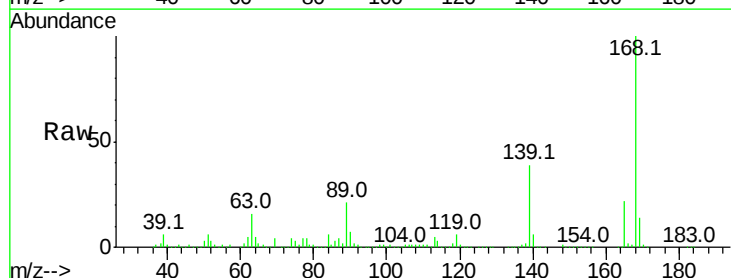
RT: 9.83 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

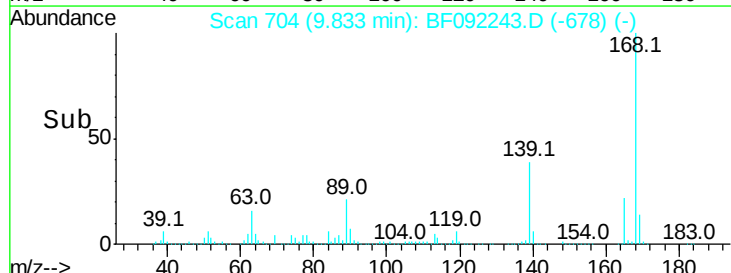
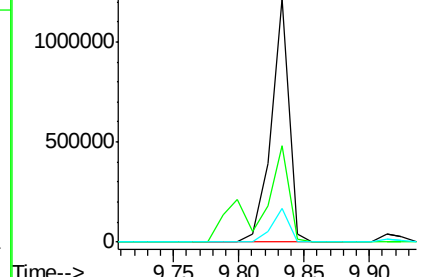
Tgt Ion:	168	Resp:	1153736
Ion Ratio	Lower	Upper	
168	100		
139	39.4	32.6	49.0
169	13.6	11.3	16.9

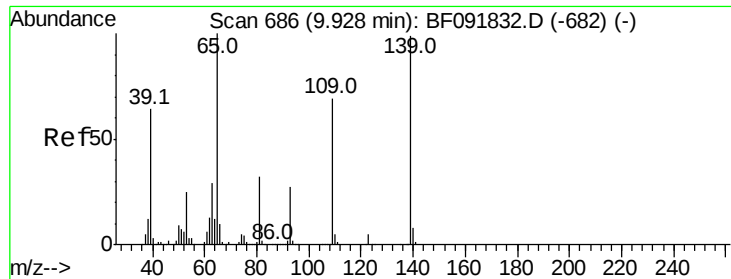


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





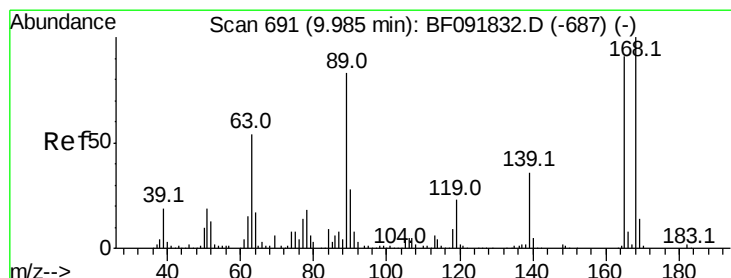
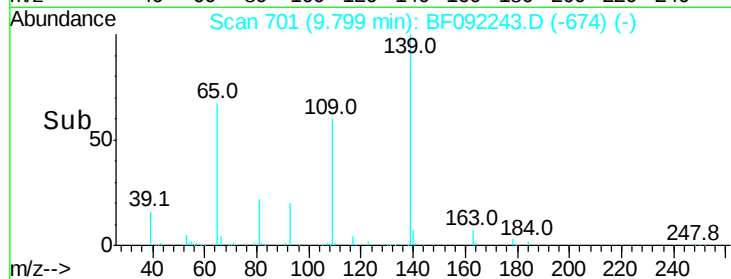
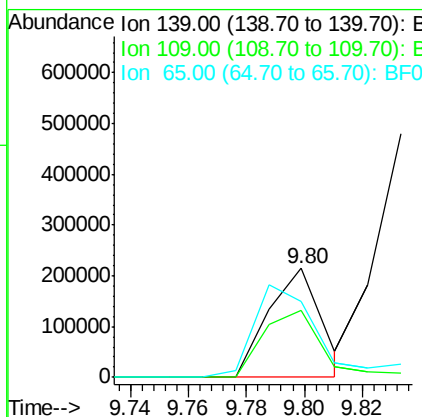
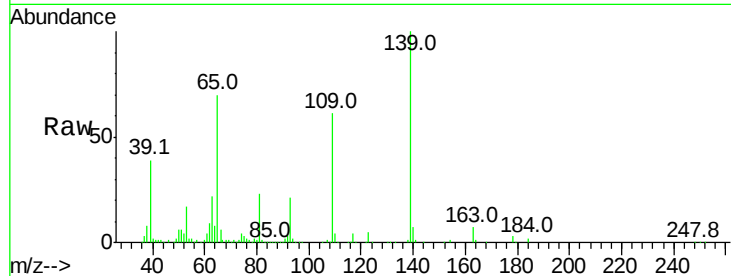
#55
4-Nitrophenol
Concen: 67.10 ng/ml
RT: 9.80 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.9	52.2	92.2
65	70.1	85.8	125.8

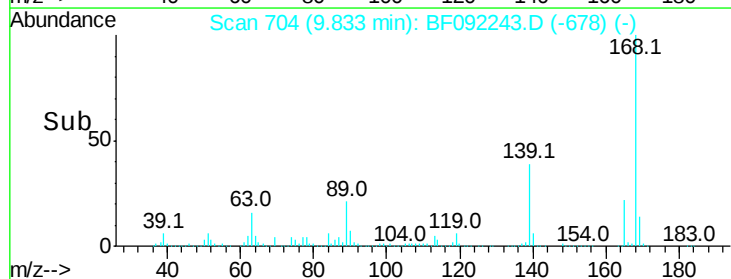
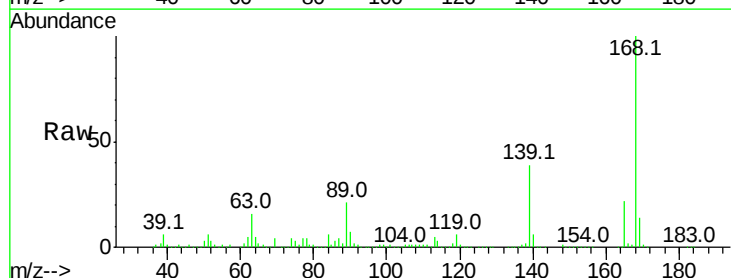
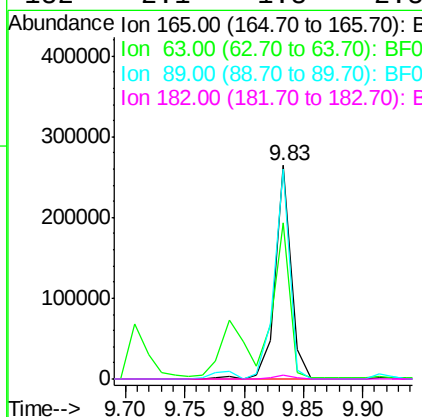
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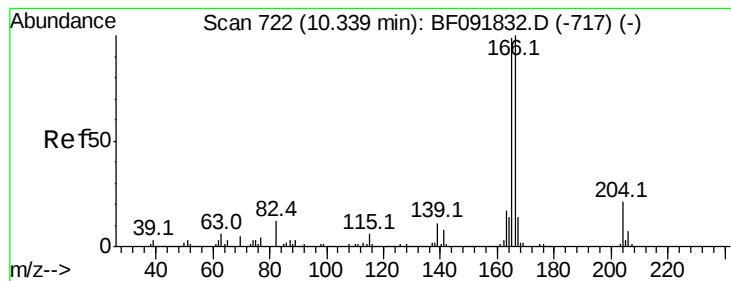
Sohil
1/16/2017 8:38:40 AM



#56
2,4-Dinitrotoluene
Concen: 40.01 ng
RT: 9.83 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.9	40.2	60.4
89	98.5	62.5	93.7
182	2.1	1.8	2.8





#57

Fluorene

Concen: 48.00 ng

RT: 10.18 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

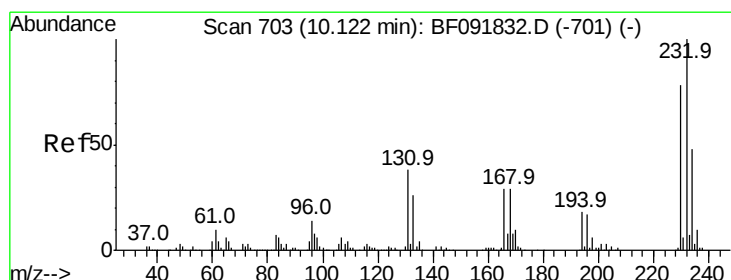
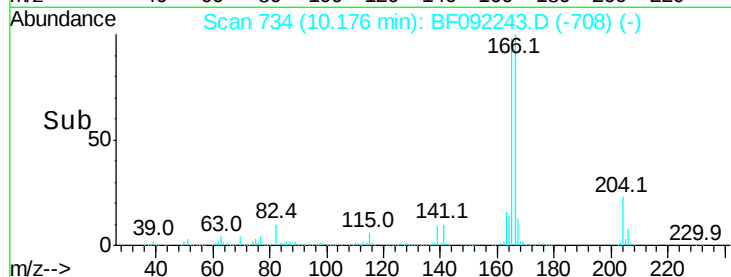
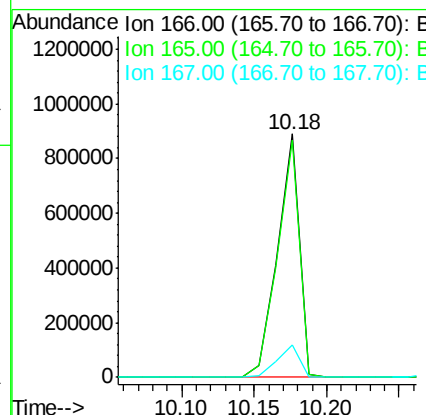
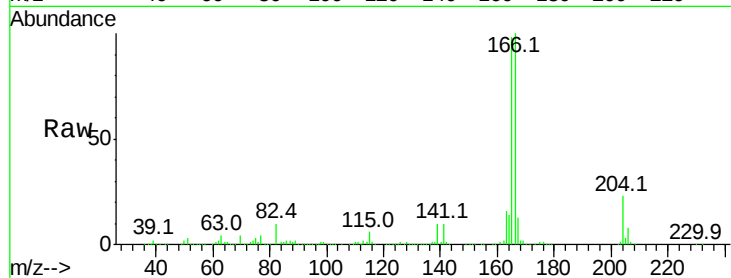
ClientSampleId :

SW-001MSD

Tot Ion:	166	Resp:	931054
Ion Ratio	Lower	Upper	
166	100		
165	97.6	77.8	116.8
167	13.3	10.8	16.2

Manual Integrations
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1/16/2017 8:38:40 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.12 ng

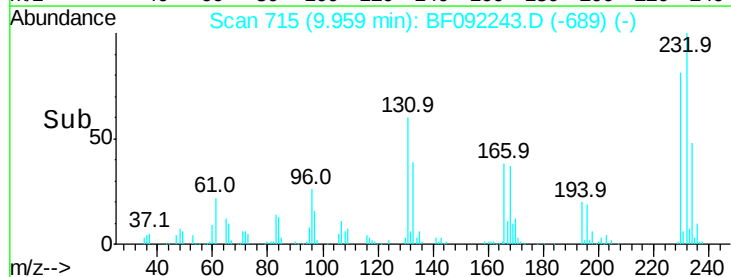
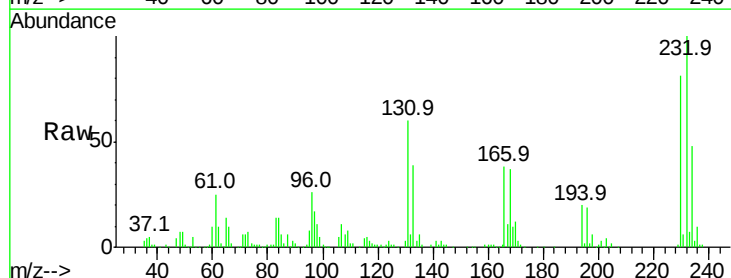
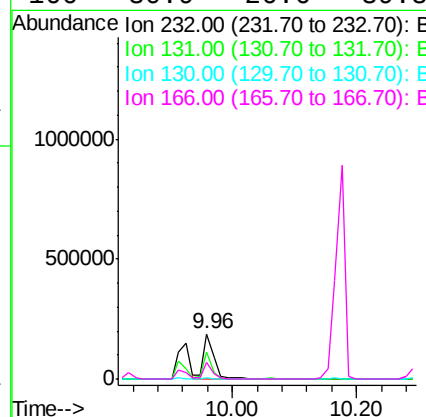
RT: 9.96 min Scan# 715

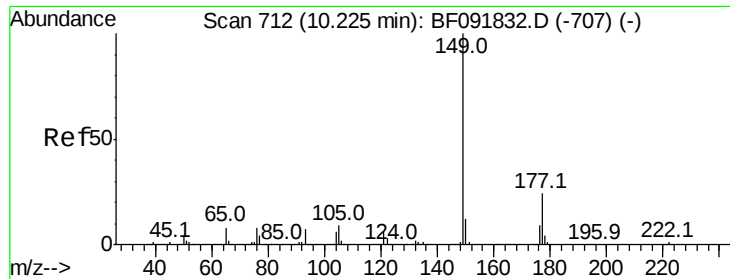
Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion:	232	Resp:	226580
Ion Ratio	Lower	Upper	
232	100		
131	48.1	40.1	60.1
130	2.2	1.8	2.8
166	30.9	26.6	39.8





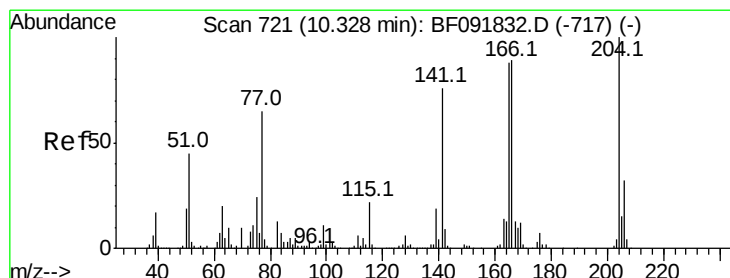
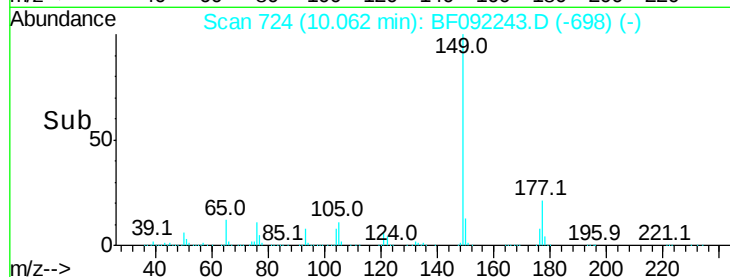
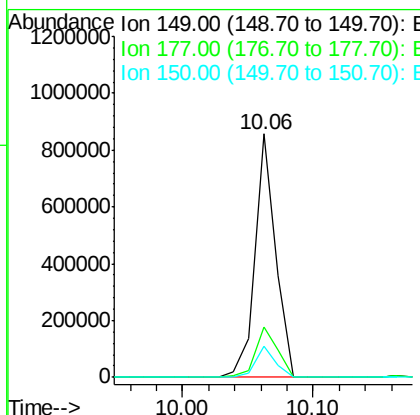
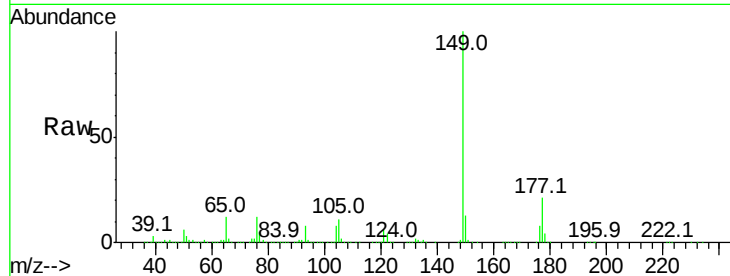
#59
Diethylphthalate
Concen: 43.40 ng
RT: 10.06 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	941255		
177	20.9	16.6	25.0	
150	12.9	10.4	15.6	

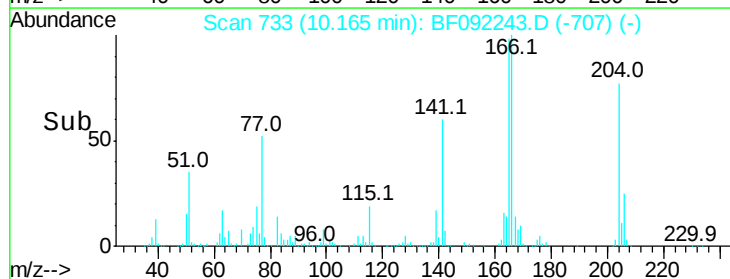
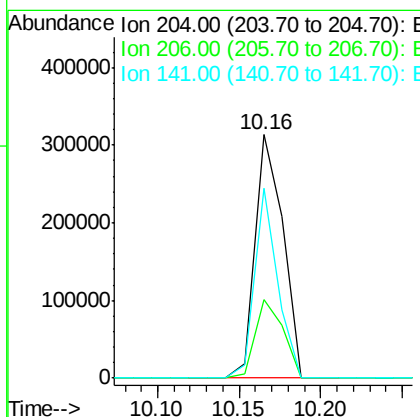
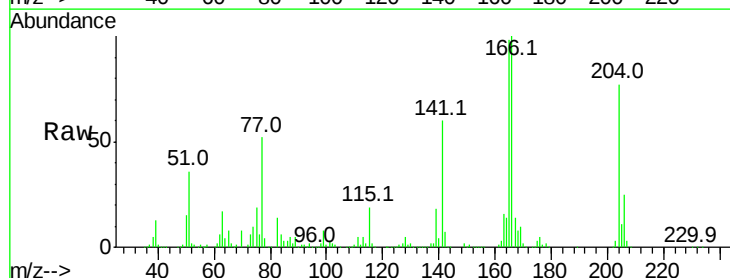
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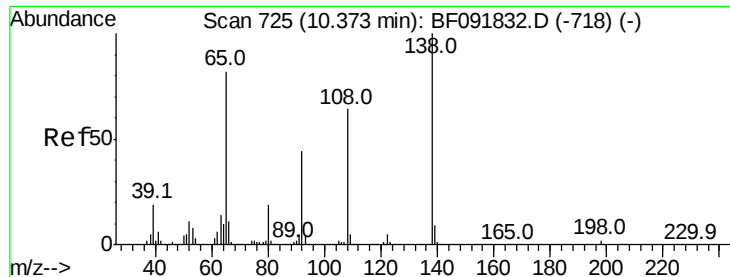
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.76 ng
RT: 10.16 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	371615		
206	32.4	25.8	38.6	
141	77.9	59.4	89.0	





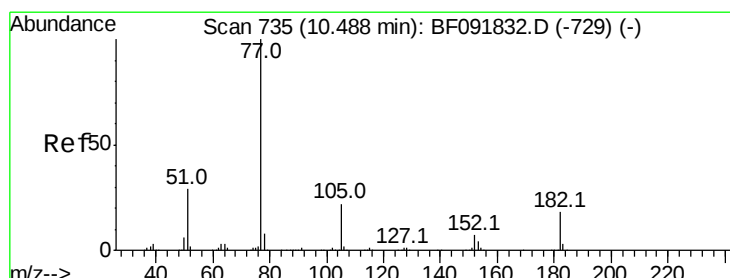
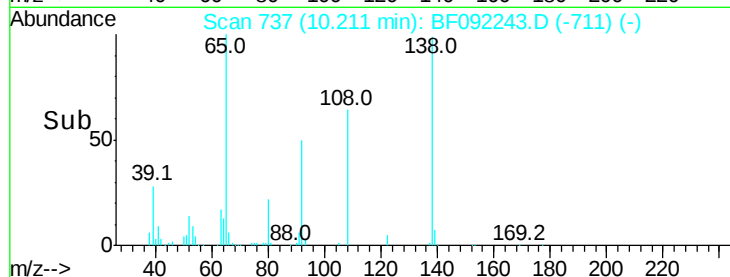
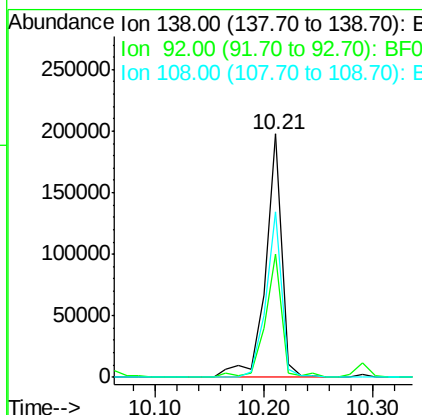
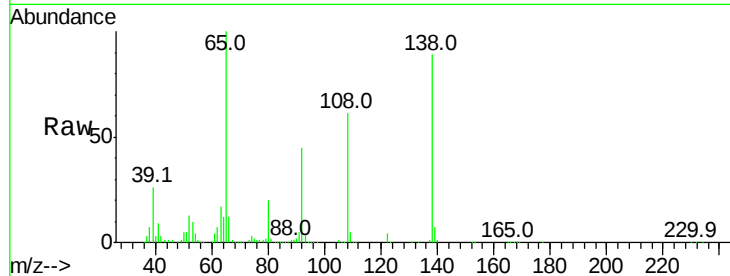
#61
4-Nitroaniline
Concen: 33.22 ng
RT: 10.21 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampled :
SW-001MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	31.7	71.7
108	68.1	52.6	92.6

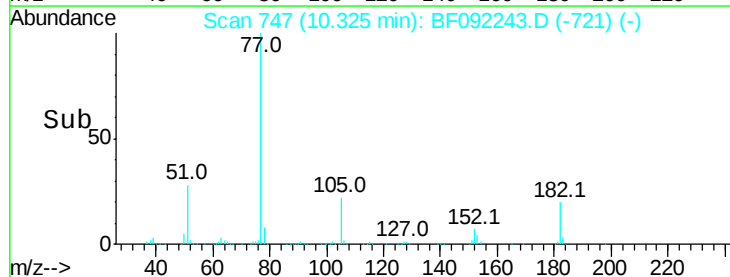
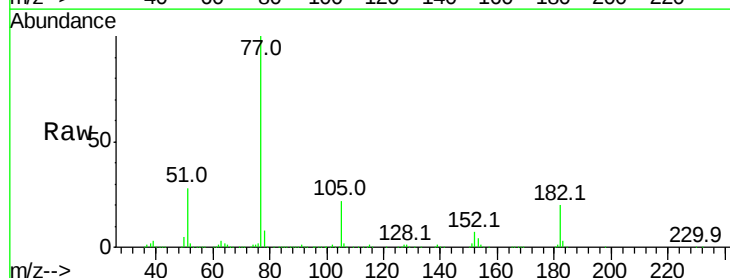
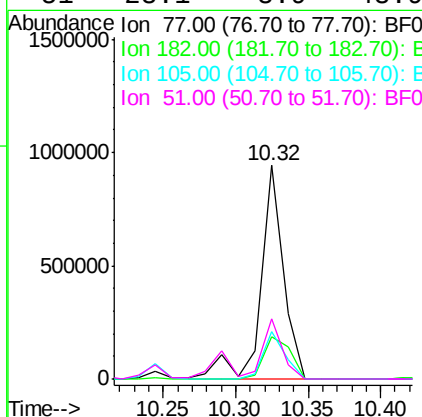
Manual Integrations
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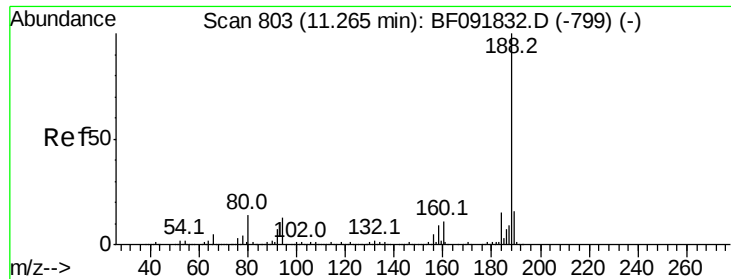
Sohil
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#62
Azobenzene
Concen: 43.14 ng
RT: 10.32 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	0.0	39.3
105	22.2	2.3	42.3
51	28.1	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

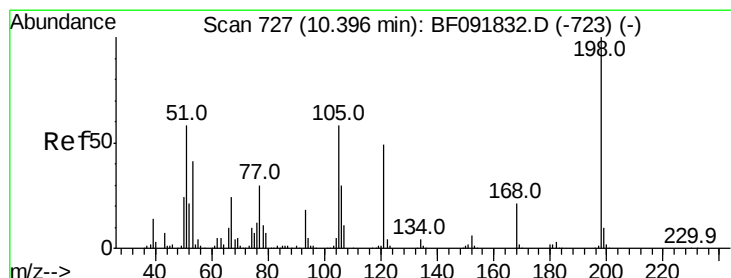
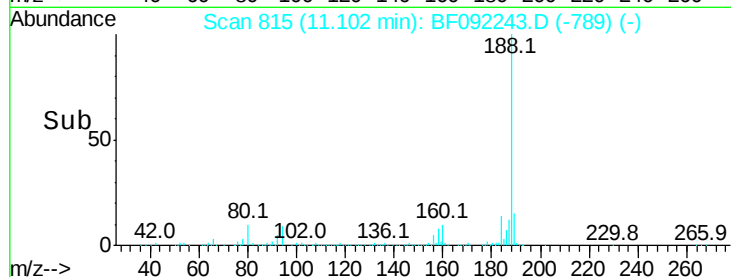
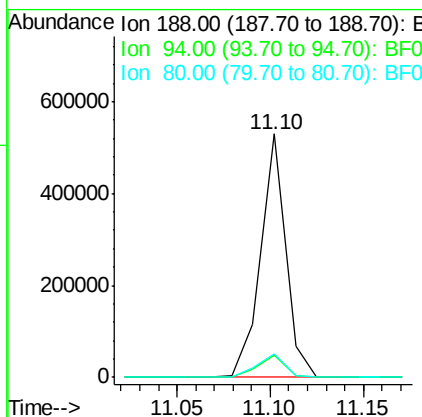
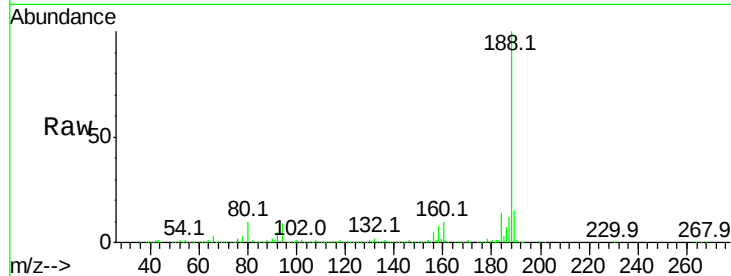
ClientSampleId :

SW-001MSD

Tot Ion:188	Resp:	491960
Ion Ratio	Lower	Upper
188 100		
94 9.1	10.0	15.0#
80 9.9	11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.31 ng

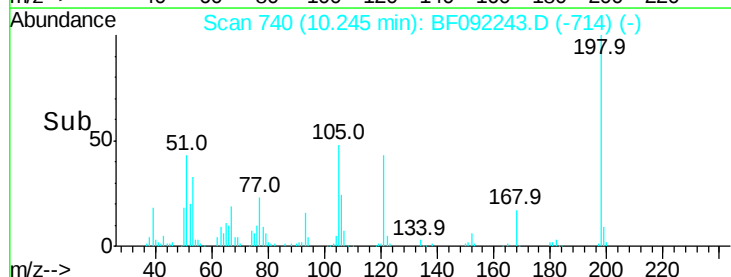
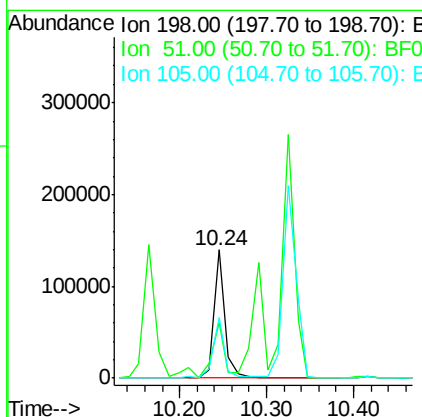
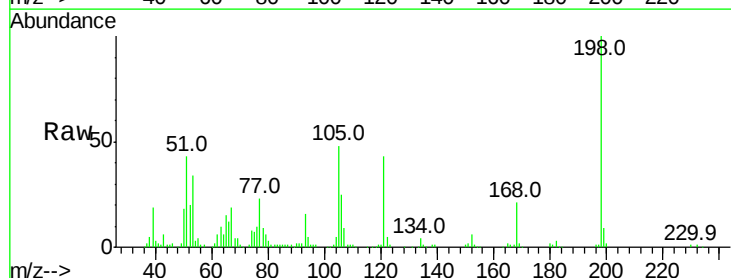
RT: 10.24 min Scan# 740

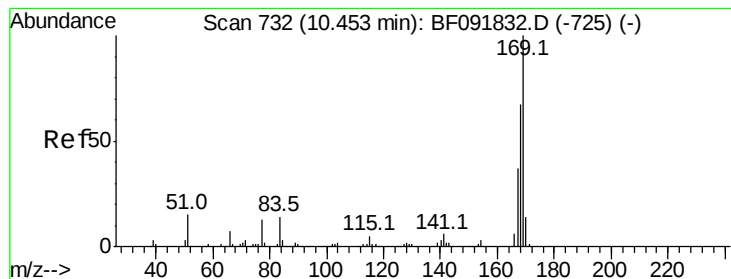
Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion:198	Resp:	125879
Ion Ratio	Lower	Upper
198 100		
51 43.3	6.7	46.7
105 47.7	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 50.43 ng

RT: 10.29 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

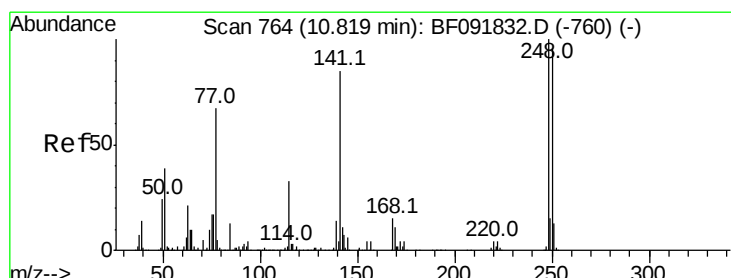
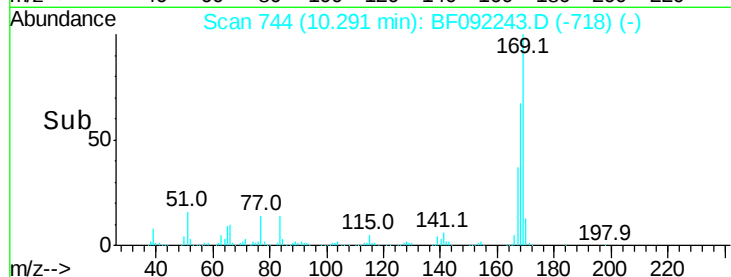
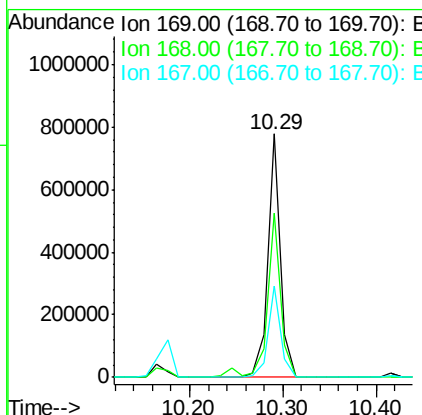
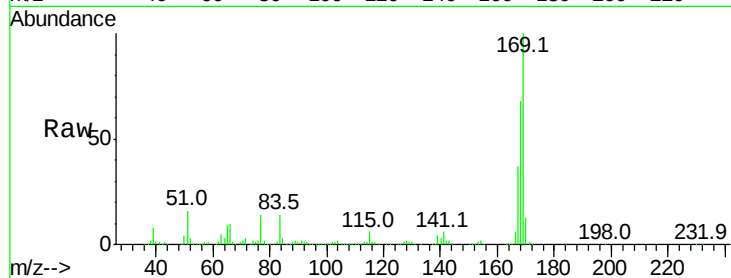
ClientSampled :

SW-001MSD

Tot Ion:	169	Resp:	736231
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.2	81.2
167	37.3	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 52.58 ng

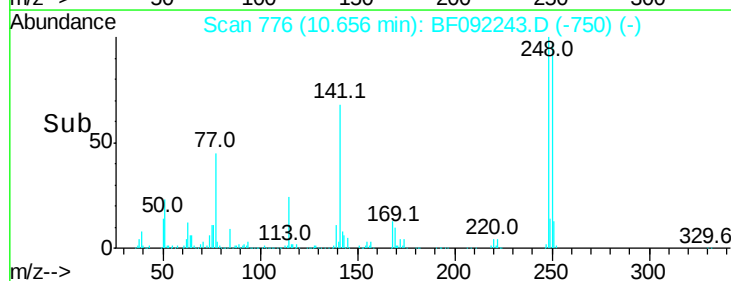
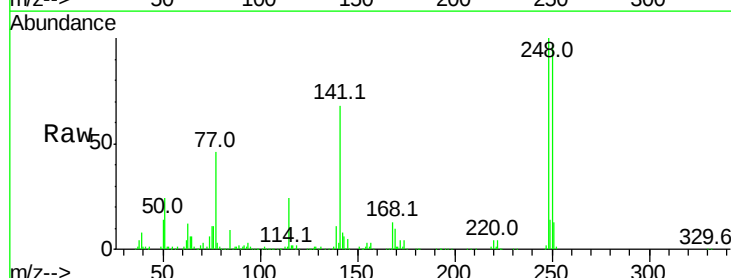
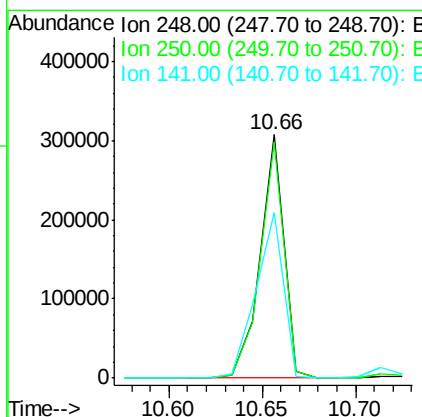
RT: 10.66 min Scan# 776

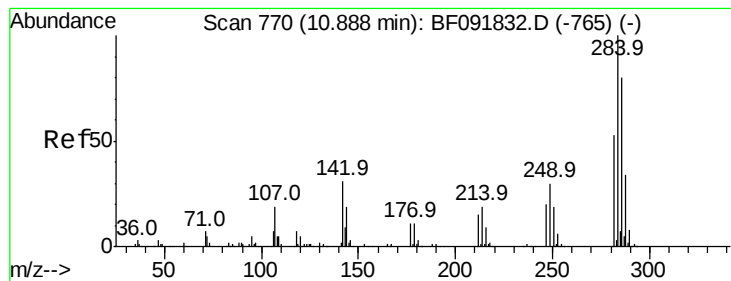
Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion:	248	Resp:	269083
Ion Ratio	Lower	Upper	
248	100		
250	96.9	76.9	115.3
141	68.1	68.2	102.4#





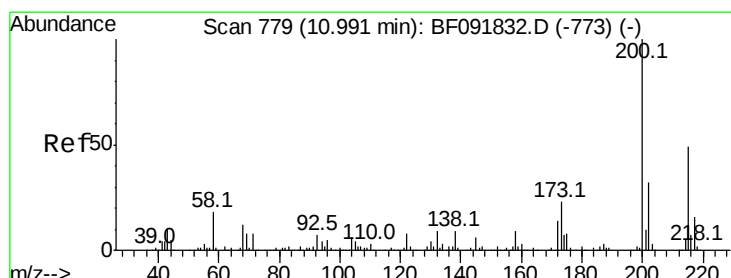
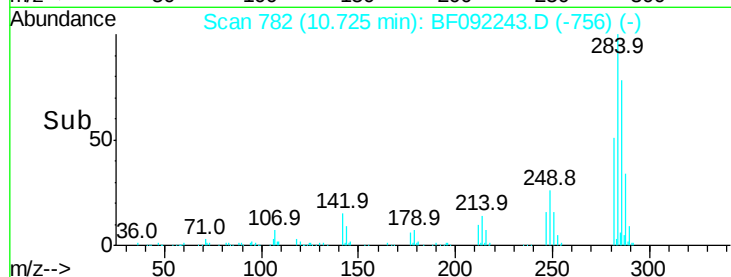
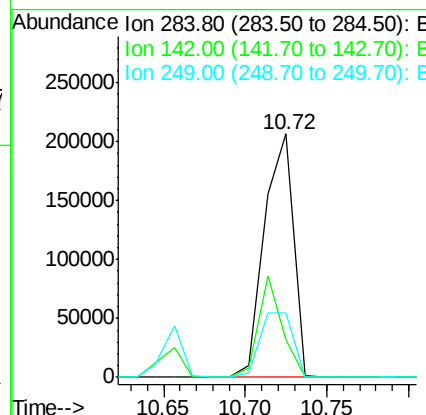
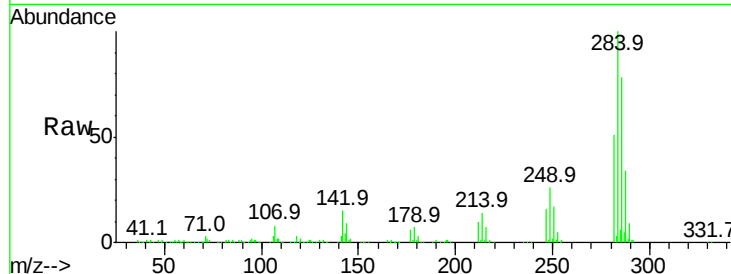
#67
Hexachlorobenzene
Concen: 46.82 ng
RT: 10.72 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampled :
SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	256104		
142	15.4	22.6	33.8#	
249	26.5	25.4	38.0	

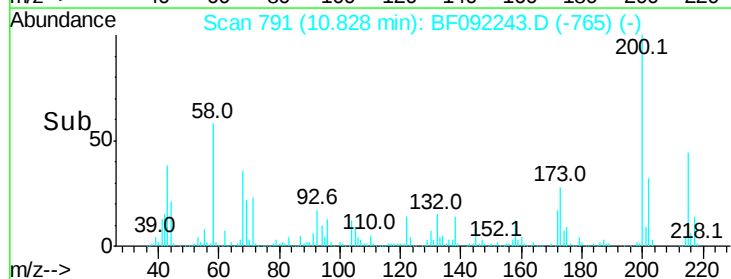
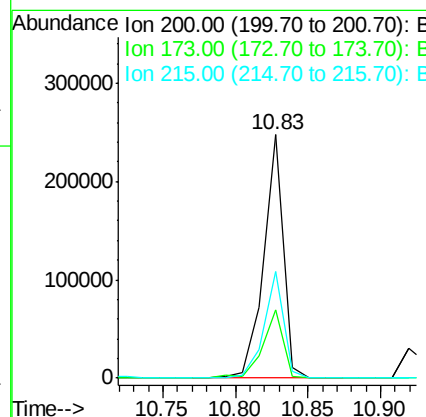
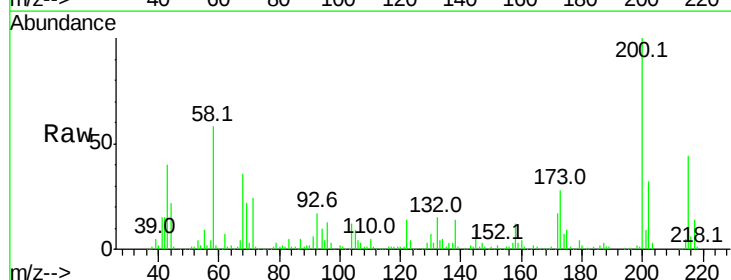
Manual Integrations
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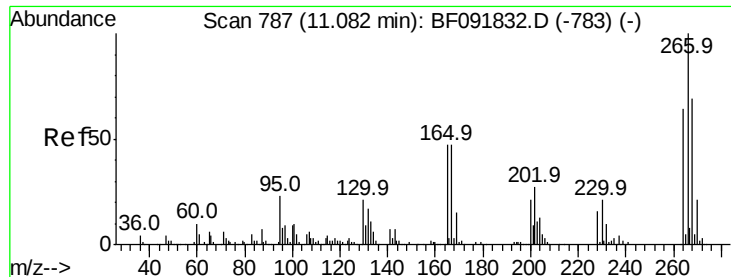
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#68
Atrazine
Concen: 49.27 ng
RT: 10.83 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	232013		
173	28.0	9.6	49.6	
215	44.0	25.7	65.7	





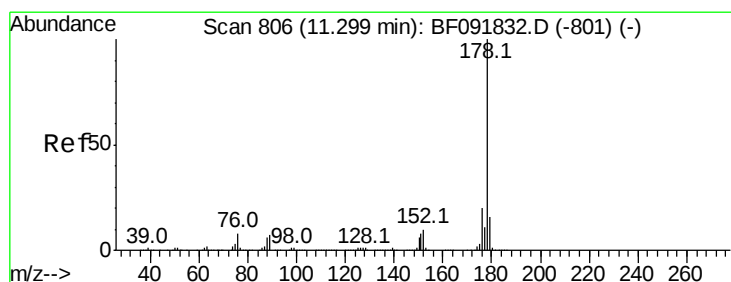
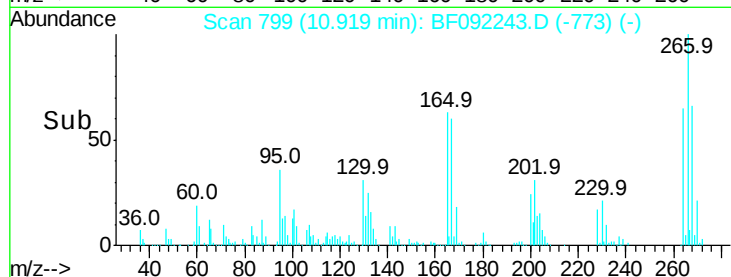
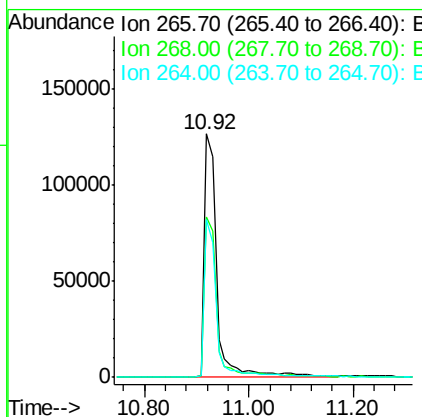
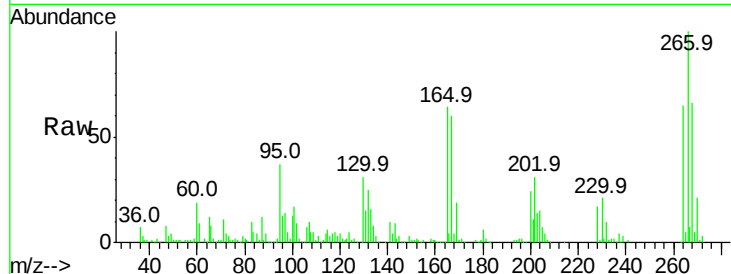
#69
 Pentachlorophenol
 Concen: 80.35 ng
 RT: 10.92 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	215671		
268	65.8	53.3	79.9	
264	64.8	50.3	75.5	

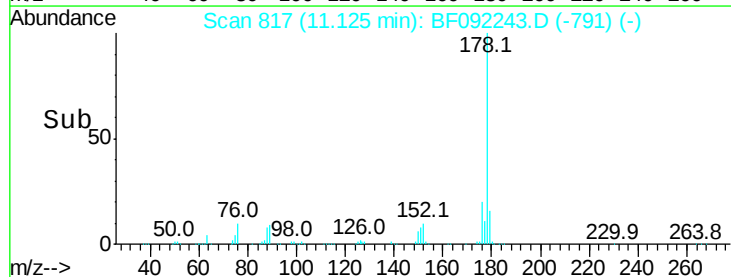
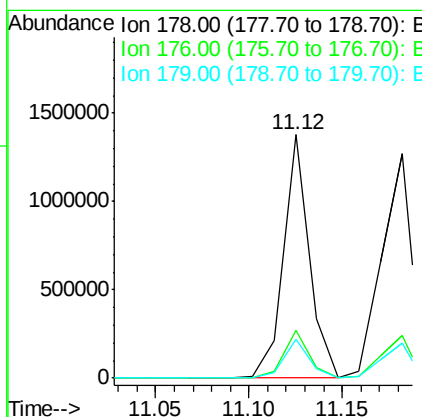
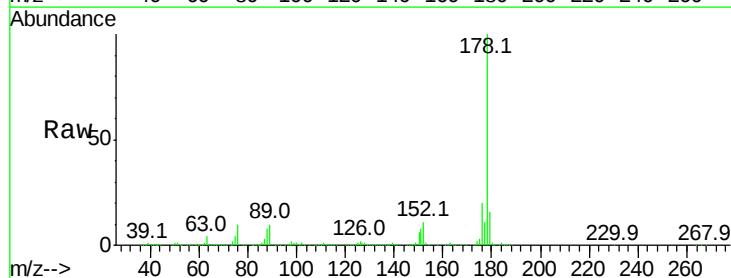
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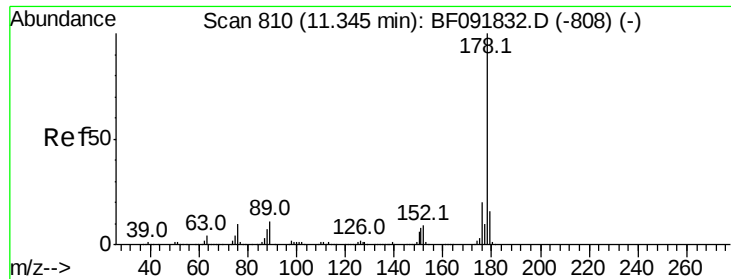
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#70
 Phenanthrene
 Concen: 50.05 ng
 RT: 11.12 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1335090		
176	19.8	16.6	25.0	
179	16.2	12.8	19.2	





#71
 Anthracene
 Concen: 72.66 ng
 RT: 11.18 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

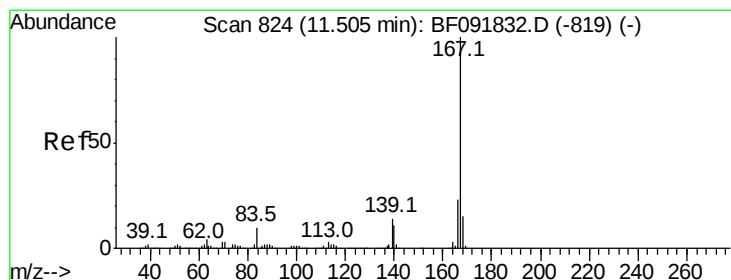
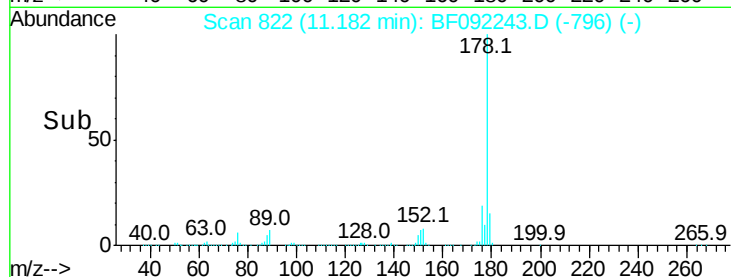
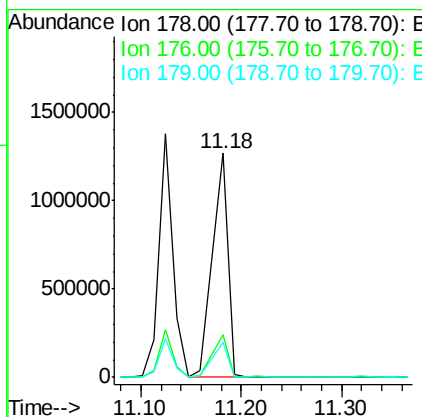
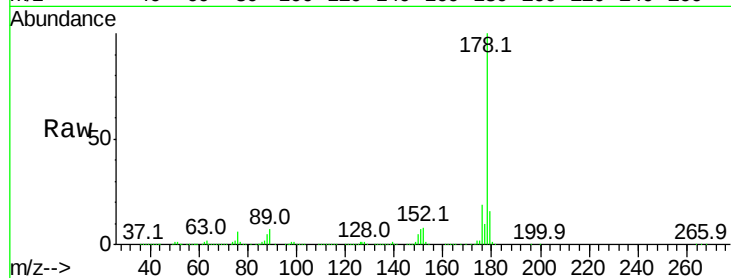
Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion:178 Resp: 1362154

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.6	13.2	19.8

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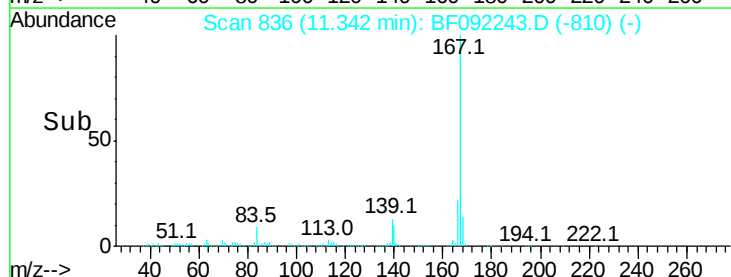
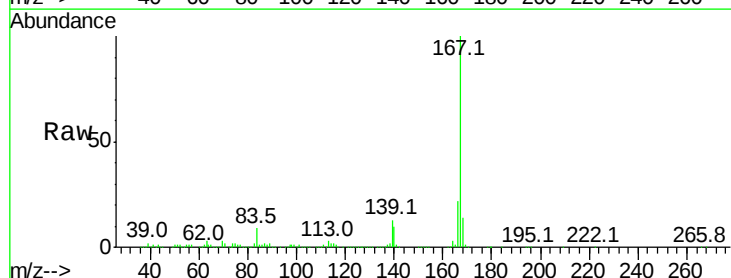
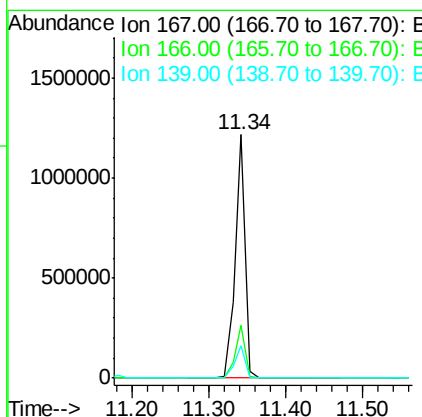
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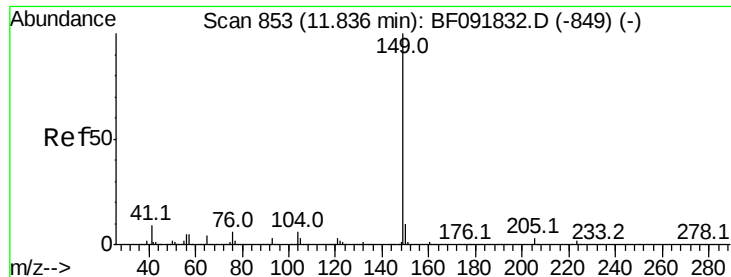


#72
 Carbazole
 Concen: 61.76 ng
 RT: 11.34 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Tgt Ion:167 Resp: 1131022

Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.2
139	13.2	11.4	17.2





#73

Di-n-butylphthalate

Concen: 56.96 ng

RT: 11.68 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

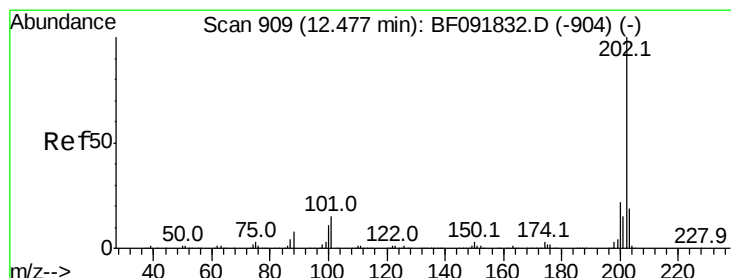
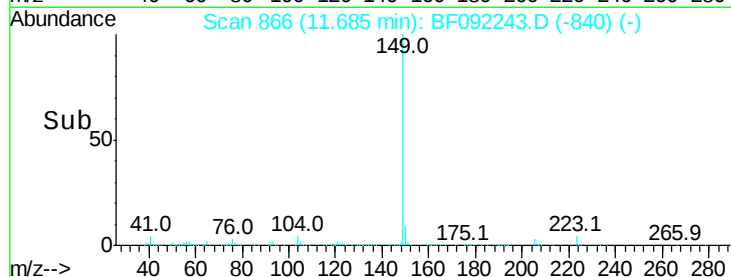
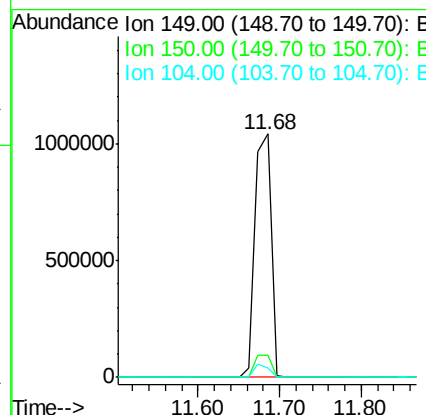
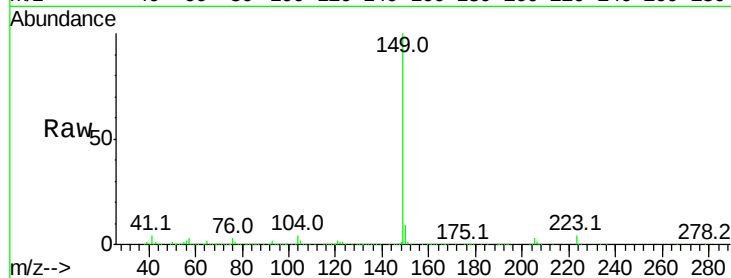
ClientSampled :

SW-001MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.1	12.1
104	3.8	4.6	7.0

Manual Integrations
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#74

Fluoranthene

Concen: 69.72 ng

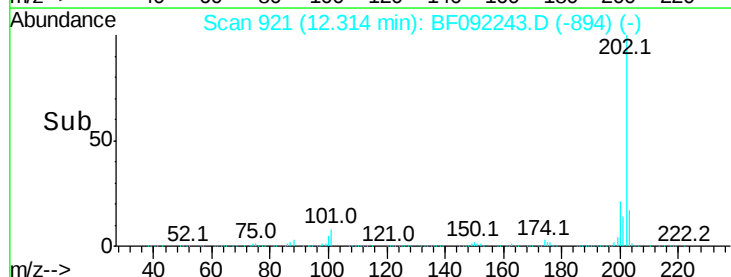
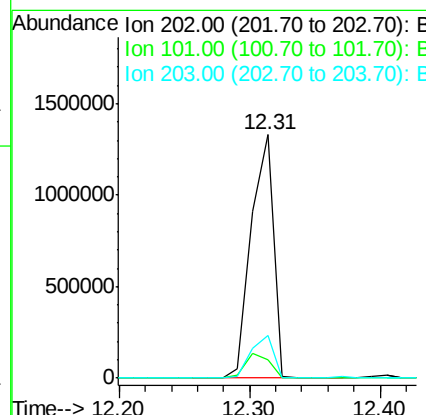
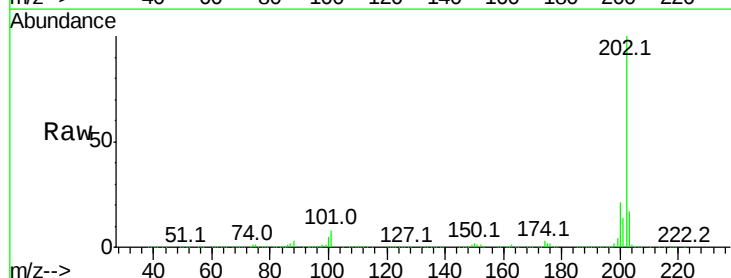
RT: 12.31 min Scan# 921

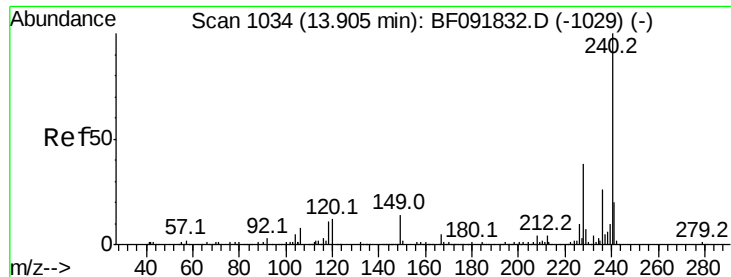
Delta R.T. 0.01 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	34.6
203	17.5	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

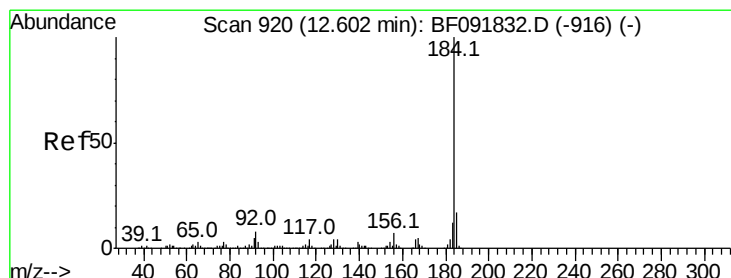
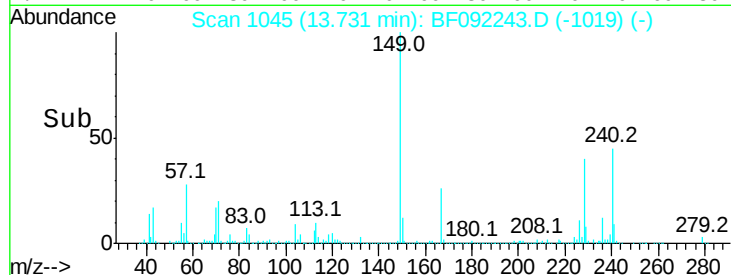
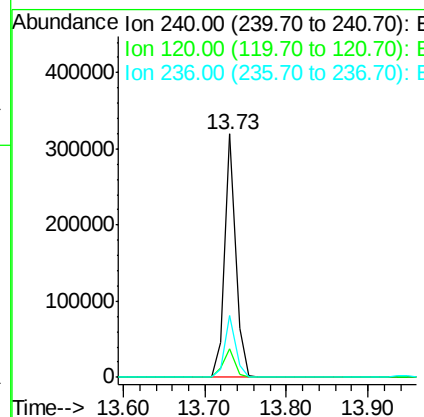
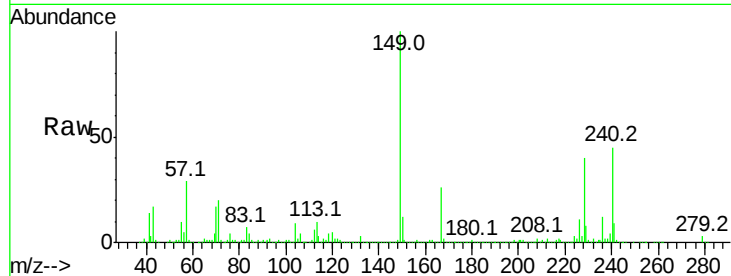
ClientSampleId :

SW-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	300107		
120	11.8	12.9	19.3#	
236	25.6	20.9	31.3	

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#76

Benzidine

Concen: 27.15 ng

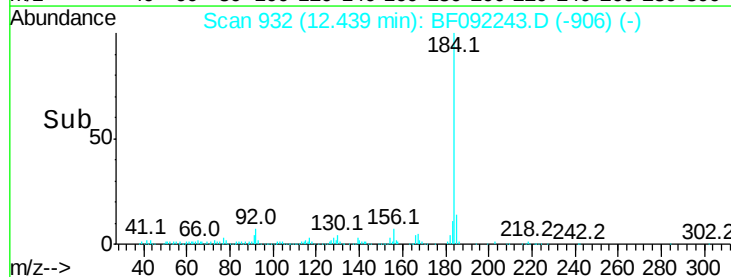
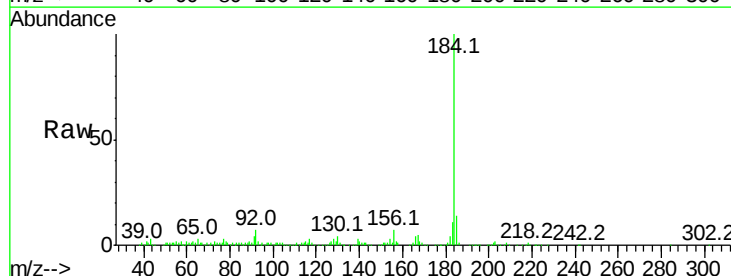
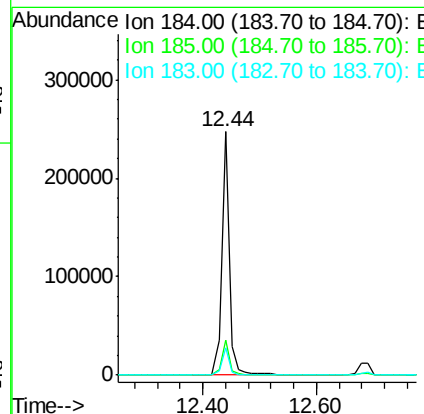
RT: 12.44 min Scan# 932

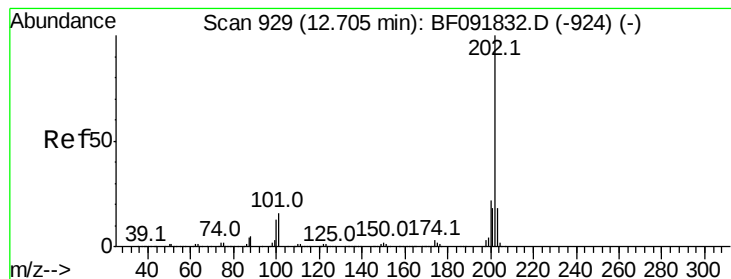
Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	229803		
185	14.4	13.4	20.0	
183	11.1	9.2	13.8	





#77

Pvrene

Concen: 61.20 ng

RT: 12.53 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion:202 Resp: 1347592

Ion Ratio Lower Upper

202 100

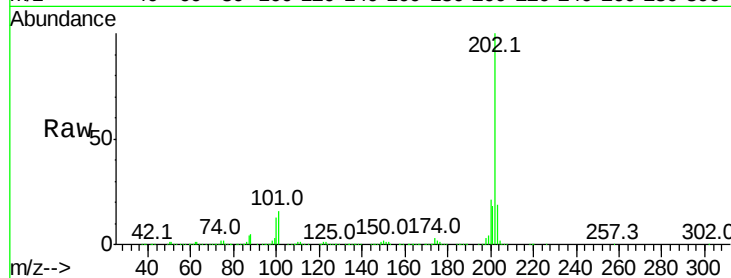
200 21.4 17.7 26.5

203 18.8 14.7 22.1

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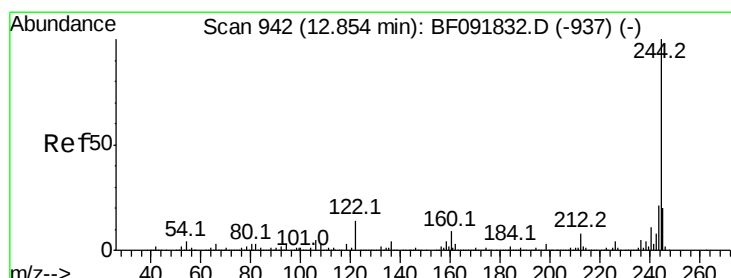
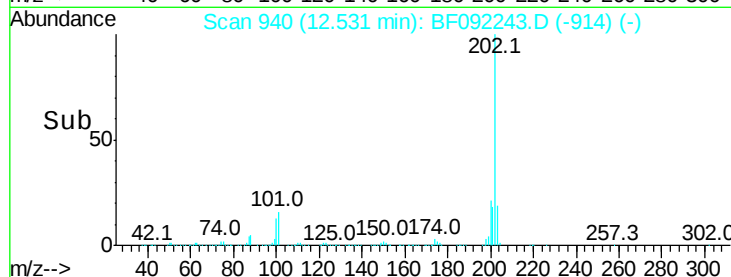
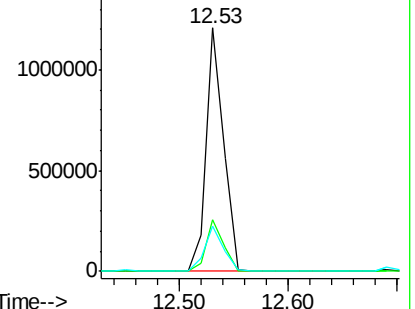
1/16/2017 8:38:40 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 106.28 ng

RT: 12.69 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

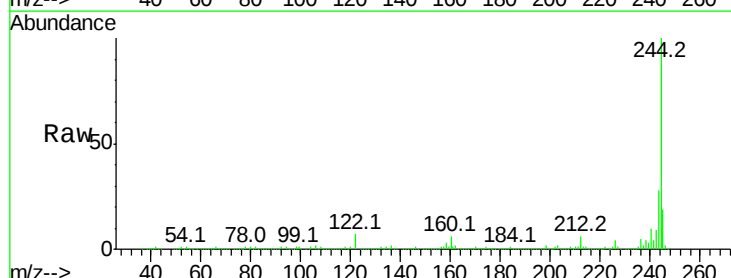
Tgt Ion:244 Resp: 1315159

Ion Ratio Lower Upper

244 100

212 6.5 6.2 9.2

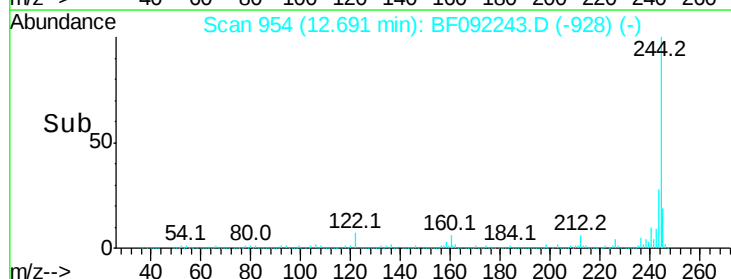
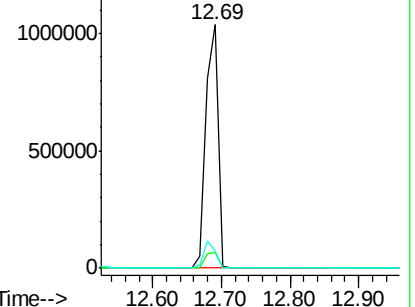
122 7.2 11.4 17.2#

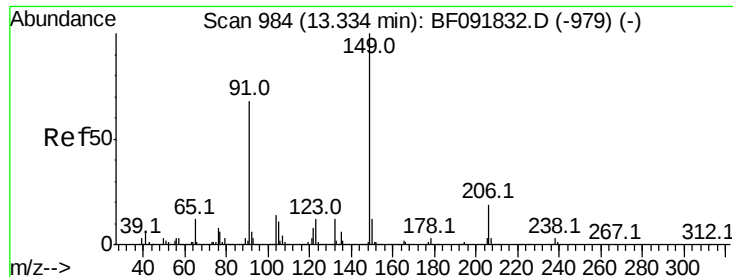


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





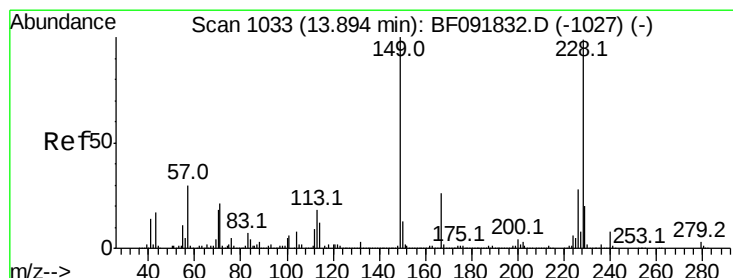
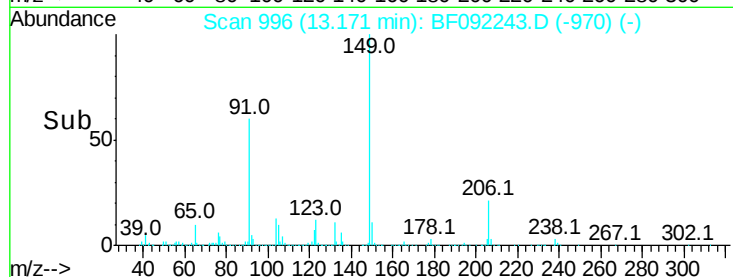
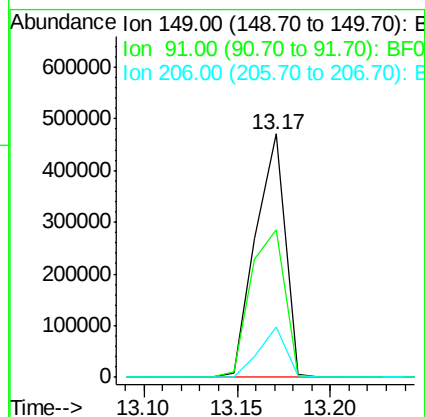
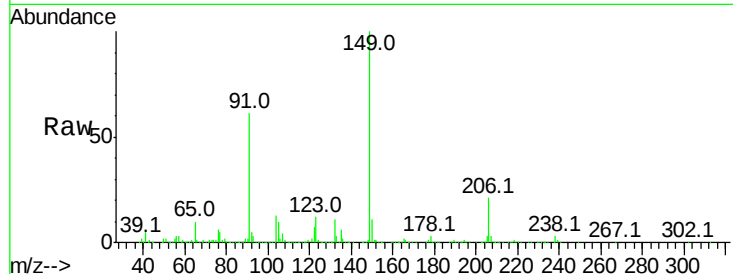
#79
Butylbenzylphthalate
Concen: 51.52 ng
RT: 13.17 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.6	63.9	95.9#
206	20.8	14.6	21.8

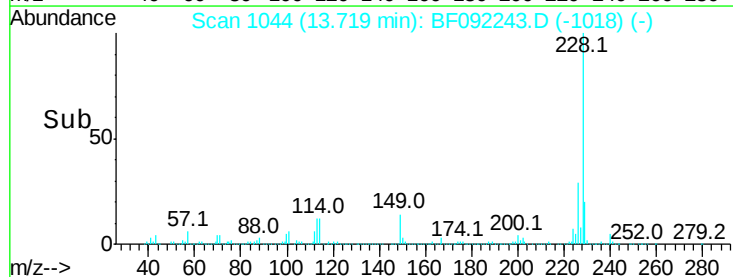
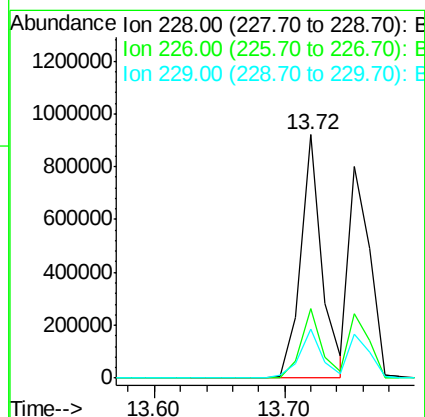
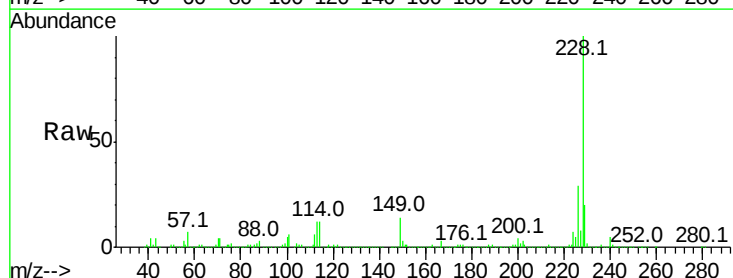
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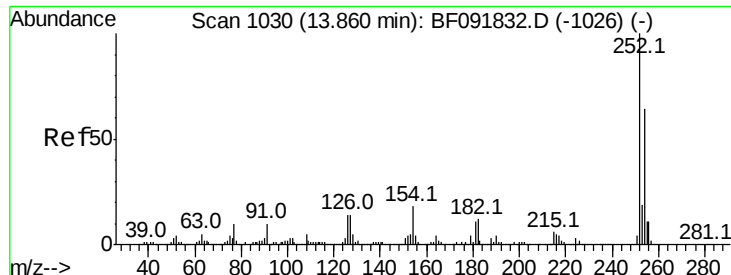
Sohil
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#80
Benzo(a)anthracene
Concen: 61.63 ng
RT: 13.72 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.4	33.6
229	20.0	16.2	24.4





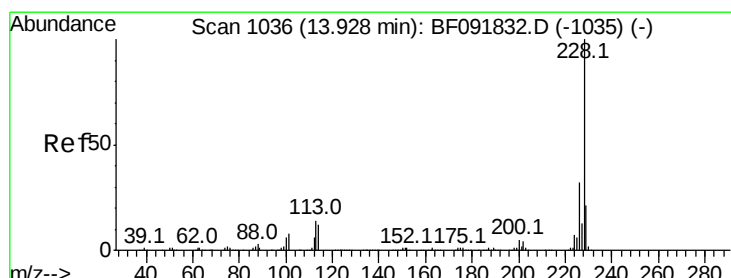
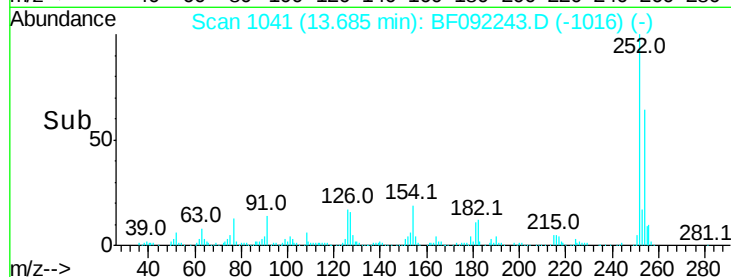
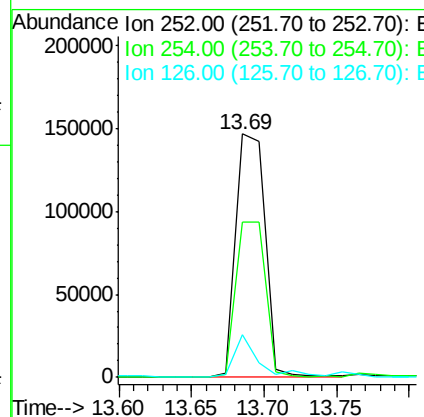
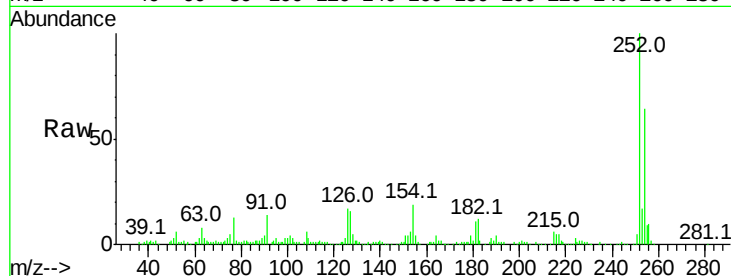
#81
 3,3'-Dichlorobenzidine
 Concen: 32.24 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.3	78.5
126	17.5	13.6	20.4

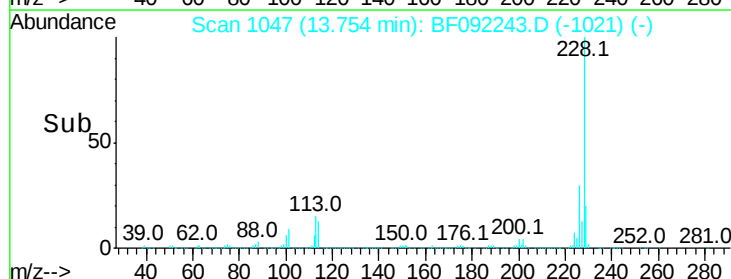
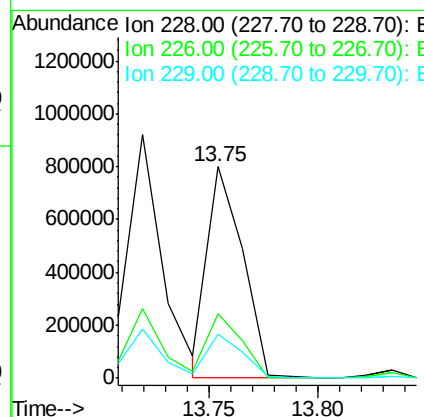
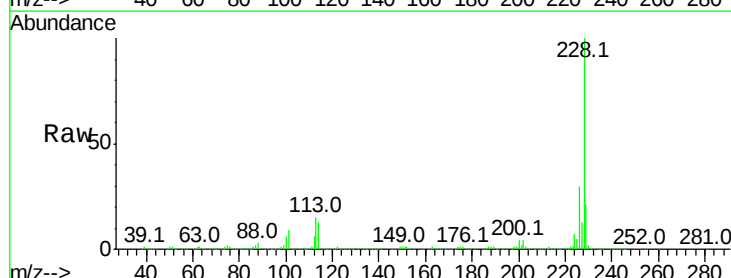
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#82
 Chrysene
 Concen: 52.83 ng
 RT: 13.75 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.0
229	20.6	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.23 ng

RT: 13.73 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

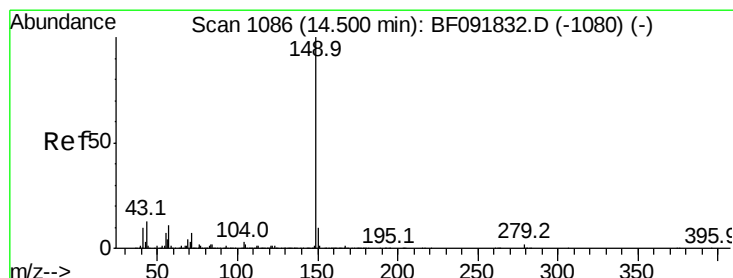
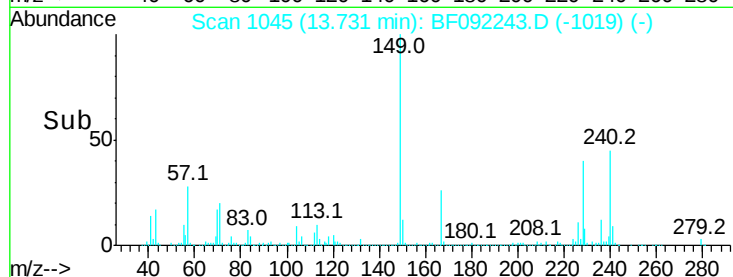
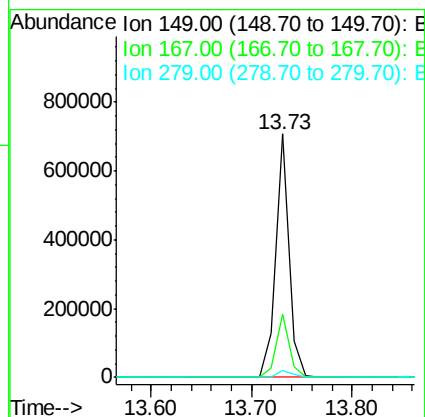
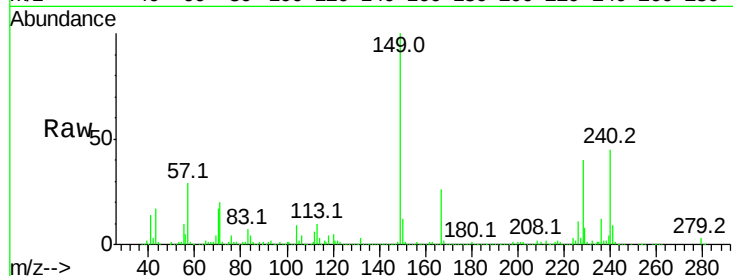
ClientSampleId :

SW-001MSD

Tot Ion:	149	Resp:	651390
Ion Ratio	Lower	Upper	
149	100		
167	25.9	20.2	30.4
279	2.7	1.8	2.8

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 53.55 ng

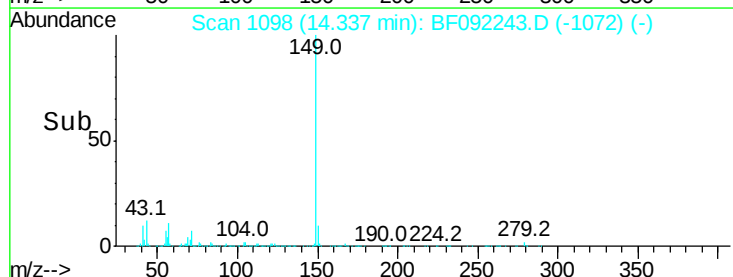
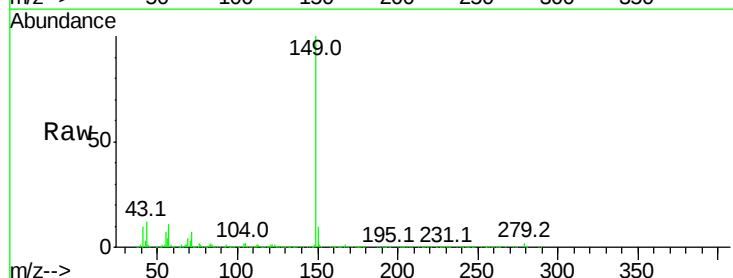
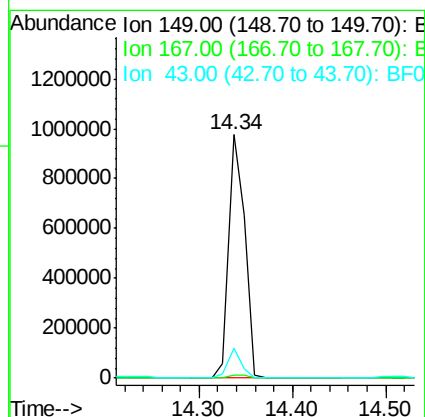
RT: 14.34 min Scan# 1098

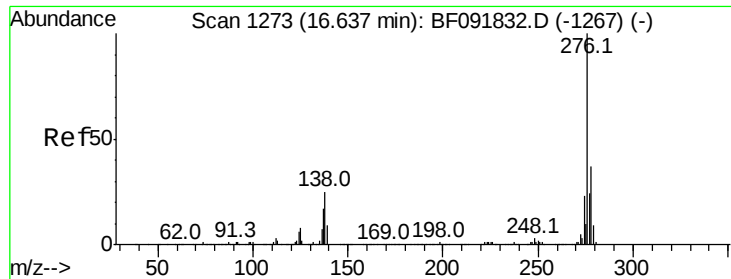
Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Tgt Ion:	149	Resp:	1170005
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.2	8.9	13.3





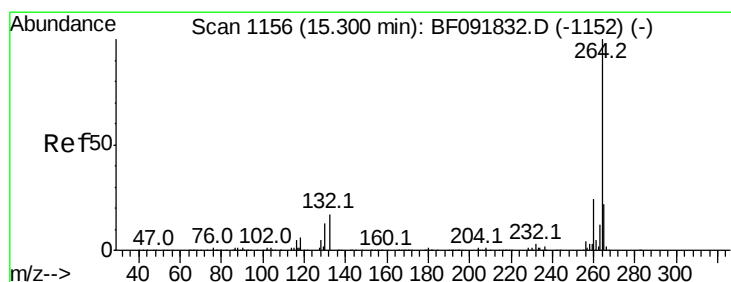
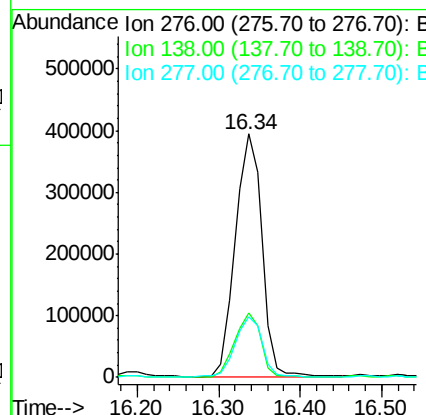
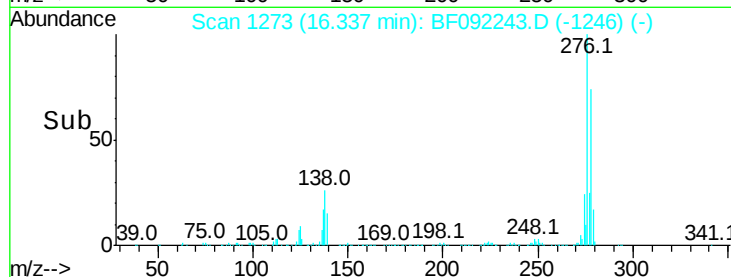
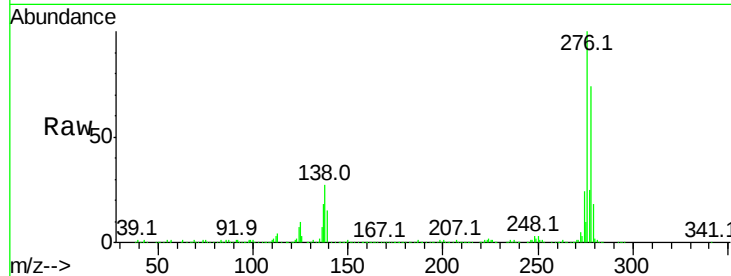
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.93 ng
 RT: 16.34 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.8	32.6
277	25.0	20.2	30.4

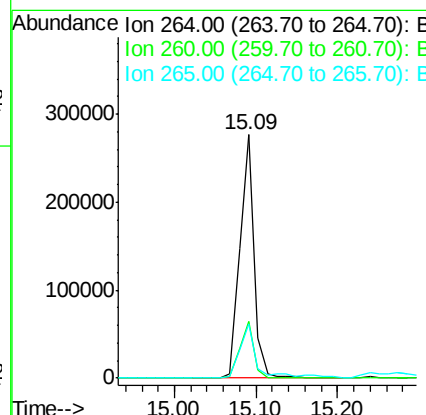
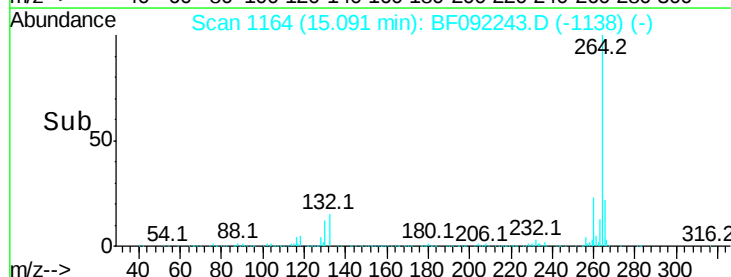
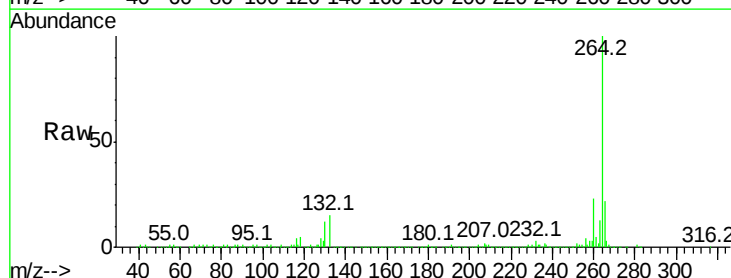
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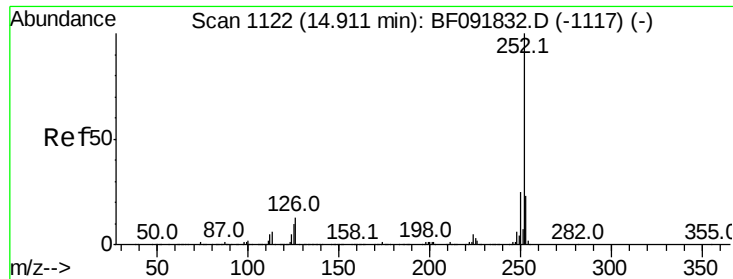
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 52.89 ng m

RT: 14.73 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

Instrument :

BNA_F

ClientSampleId :

SW-001MSD

Tot Ion:252 Resp: 1103700

Ion Ratio Lower Upper

252 100

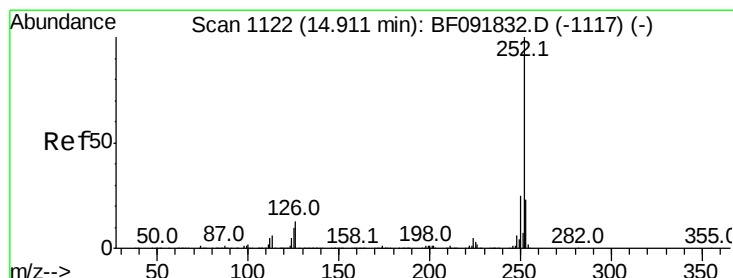
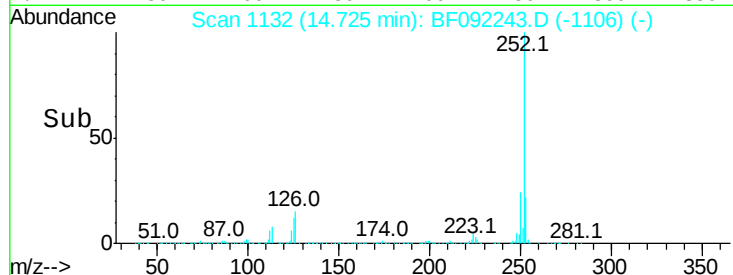
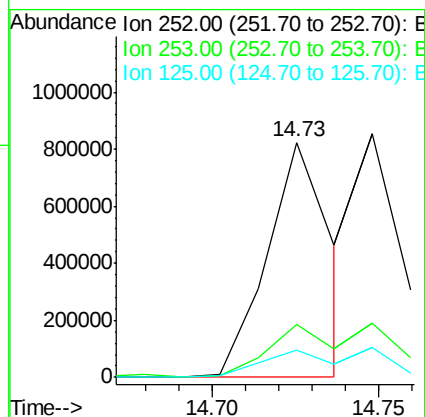
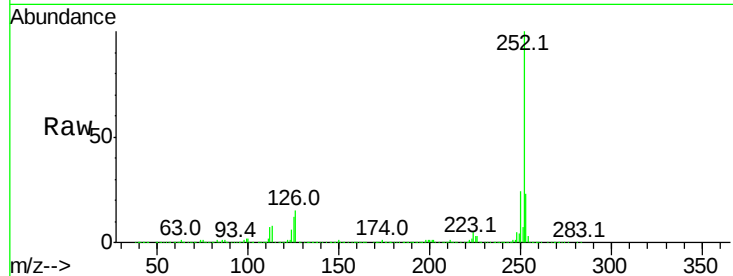
253 22.5 18.2 27.4

125 11.8 9.8 14.6

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#88

Benzo(k)fluoranthene

Concen: 45.77 ng m

RT: 14.75 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF092243.D

Acq: 13 Jan 2017 12:21

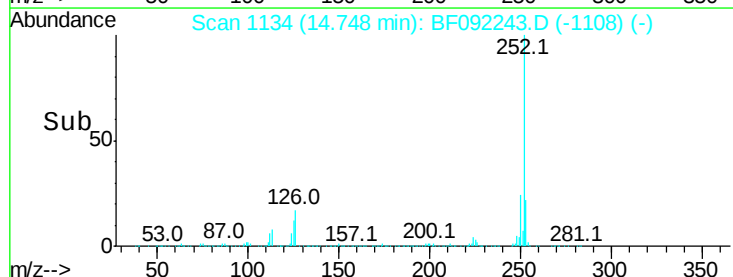
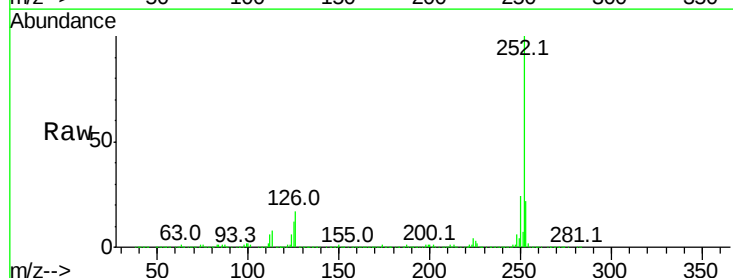
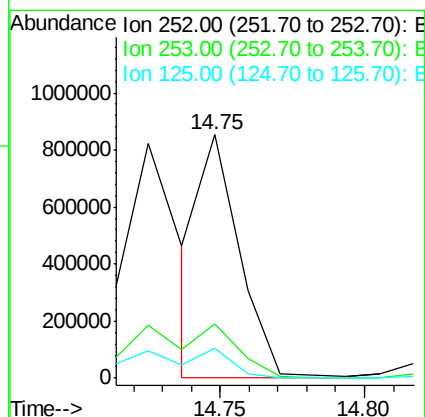
Tgt Ion:252 Resp: 814425

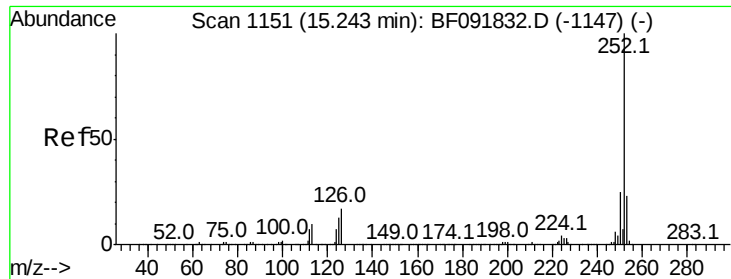
Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

125 12.2 8.9 13.3





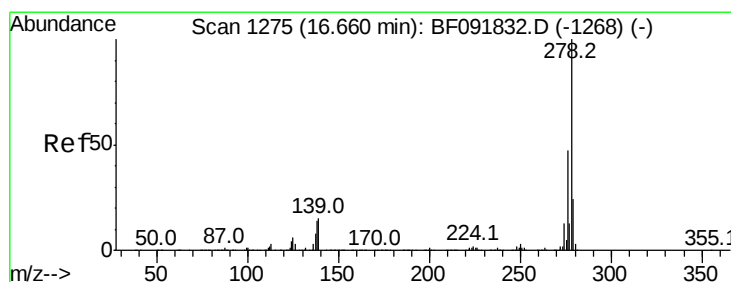
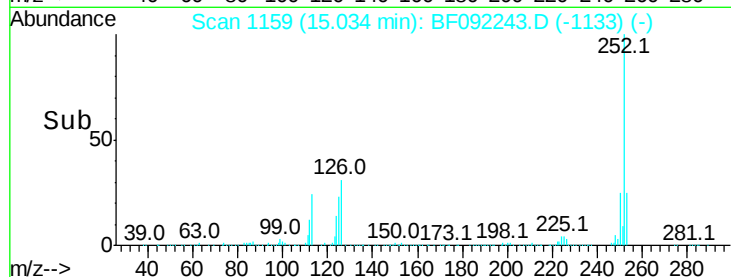
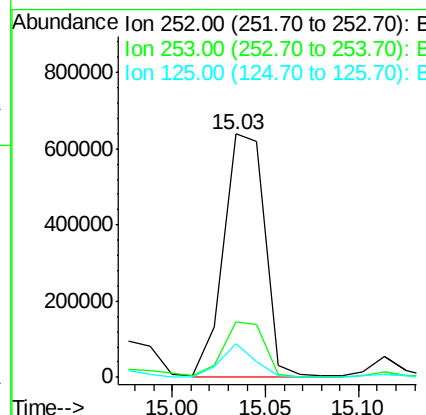
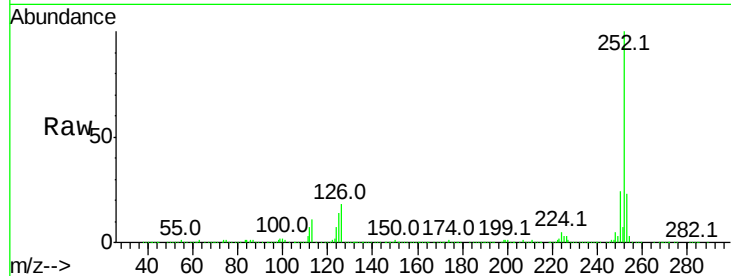
#89
Benzo(a)pyrene
Concen: 52.92 ng
RT: 15.03 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Instrument :
BNA_F
ClientSampleId :
SW-001MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	13.6	10.0	15.0

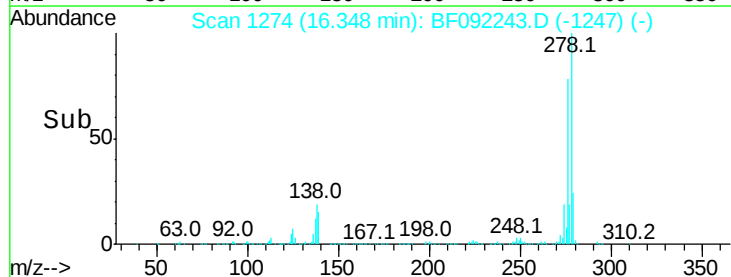
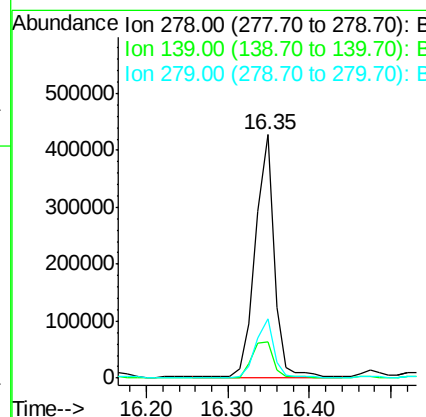
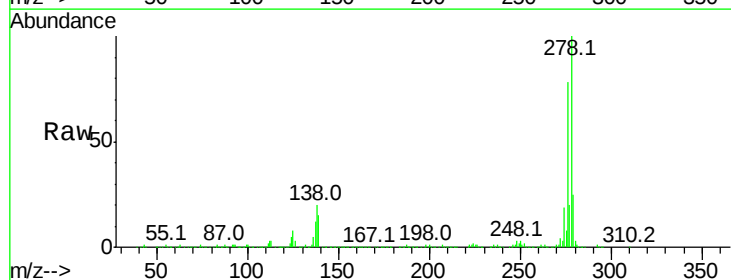
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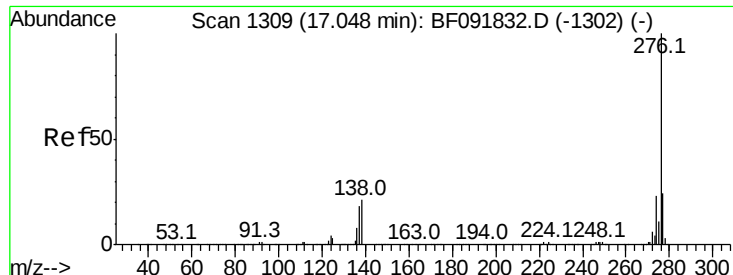
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 45.58 ng
RT: 16.35 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF092243.D
Acq: 13 Jan 2017 12:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	14.8	22.2
279	24.5	19.8	29.6





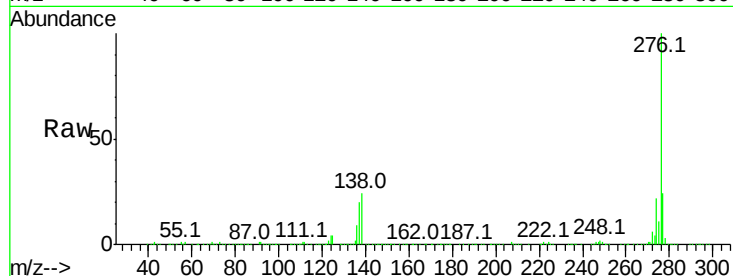
#91
 Benzo(a,h,i)perylene
 Concen: 46.11 ng
 RT: 16.70 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF092243.D
 Acq: 13 Jan 2017 12:21

Instrument :
 BNA_F
 ClientSampleId :
 SW-001MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	23.5	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

