

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098868.D
 Acq On : 27 Sep 2017 17:45
 Operator : SJ/JU
 Sample : I5421-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:16 PM

Quant Time: Sep 28 03:54:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	125893	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	532845	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	248380	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	456791	20.00	ng	0.00
75) Chrysene-d12	14.09	240	393957	20.00	ng	0.00
86) Perylene-d12	15.57	264	356527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	901546	114.00	ng	0.00
7) Phenol-d6	6.55	99	999168	102.42	ng	0.00
23) Nitrobenzene-d5	7.48	82	741326	89.22	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	273335	134.49	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1322292	88.87	ng	0.00
78) Terphenyl-d14	13.03	244	1318541	76.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	135773	35.940	ng	99
3) Pyridine	3.57	79	343914	33.653	ng	97
4) n-Nitrosodimethylamine	3.51	42	168015	38.771	ng	89
6) Aniline	6.58	93	256990	19.518	ng	99
8) 2-Chlorophenol	6.70	128	370412	41.360	ng	95
9) Benzaldehyde	6.47	77	67885	11.996	ng	95
10) Phenol	6.56	94	389210	35.672	ng	93
11) bis(2-Chloroethyl)ether	6.65	93	367118	43.281	ng	98
12) 1,3-Dichlorobenzene	6.86	146	387267	41.290	ng	98
13) 1,4-Dichlorobenzene	6.93	146	395640	41.459	ng	99
14) 1,2-Dichlorobenzene	7.09	146	370930	42.067	ng	98
15) Benzyl Alcohol	7.05	79	315882	44.136	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	562341	42.553	ng	99
17) 2-Methylphenol	7.16	107	305511	41.691	ng	100
18) Hexachloroethane	7.43	117	138110	40.264	ng	98
19) n-Nitroso-di-n-propylamine	7.33	70	252761	40.580	ng	96
20) 3+4-Methylphenols	7.32	107	373742	40.316	ng	# 80
22) Acetophenone	7.32	105	516692	40.023	ng	# 99
24) Nitrobenzene	7.50	77	391388	41.525	ng	96
25) Isophorone	7.73	82	715649	41.660	ng	100
26) 2-Nitrophenol	7.81	139	202744	44.732	ng	95
27) 2,4-Dimethylphenol	7.85	122	343295	40.107	ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	455977	42.593	ng	100
29) 2,4-Dichlorophenol	8.05	162	314097	42.740	ng	98
30) 1,2,4-Trichlorobenzene	8.14	180	311410	42.368	ng	99
31) Naphthalene	8.22	128	1076351	43.010	ng	100
32) Benzoic acid	7.95	122	182104	25.900	ng	96
33) 4-Chloroaniline	8.26	127	149756	14.330	ng	96
34) Hexachlorobutadiene	8.33	225	155420	41.053	ng	100
35) Caprolactam	8.63	113	94570m	40.117	ng	
36) 4-Chloro-3-methylphenol	8.75	107	343494	41.584	ng	96
37) 2-Methylnaphthalene	8.91	142	754418	46.372	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	290640	39.237	ng	100
40) Hexachlorocyclopentadiene	9.06	237	271806	80.293	ng	98

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Quant Time: Sep 28 03:54:56 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	218483	41.635	ng	99
43) 2,4,5-Trichlorophenol	9.23	196	229292	43.771	ng	96
45) 1,1'-Biphenyl	9.37	154	862211	40.391	ng	99
46) 2-Chloronaphthalene	9.40	162	686330	42.822	ng	98
47) 2-Nitroaniline	9.49	65	222531	45.344	ng	98
48) Acenaphthylene	9.82	152	1054423	42.975	ng	100
49) Dimethylphthalate	9.67	163	828376	44.189	ng	99
50) 2,6-Dinitrotoluene	9.73	165	187701	45.992	ng	96
51) Acenaphthene	9.99	154	714247	45.956	ng	99
52) 3-Nitroaniline	9.90	138	105400	22.149	ng	98
53) 2,4-Dinitrophenol	10.01	184	136086	65.209	ng	97
54) Dibenzofuran	10.16	168	959469	46.365	ng	100
55) 4-Nitrophenol	10.06	139	318596	79.178	ng	92
56) 2,4-Dinitrotoluene	10.14	165	259992	49.086	ng	93
57) Fluorene	10.50	166	732433	44.036	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	179788	49.683	ng	98
59) Diethylphthalate	10.37	149	806186	44.011	ng	99
60) 4-Chlorophenyl-phenylether	10.49	204	332019	44.438	ng	97
61) 4-Nitroaniline	10.52	138	206823	45.050	ng	92
62) Azobenzene	10.65	77	778263	46.207	ng	97
64) 4,6-Dinitro-2-methylphenol	10.55	198	109442	39.378	ng	92
65) n-Nitrosodiphenylamine	10.61	169	674733	42.638	ng	100
66) 4-Bromophenyl-phenylether	10.98	248	195628	43.753	ng	99
67) Hexachlorobenzene	11.05	284	200865	42.062	ng	94
68) Atrazine	11.14	200	215712	45.307	ng	99
69) Pentachlorophenol	11.24	266	234487	78.897	ng	99
70) Phenanthrene	11.47	178	1107533	45.296	ng	99
71) Anthracene	11.52	178	1133319	45.301	ng	99
72) Carbazole	11.67	167	1117967	45.633	ng	99
73) Di-n-butylphthalate	11.99	149	1298655	44.039	ng	100
74) Fluoranthene	12.66	202	1190742	48.093	ng	99
76) Benzidine	12.77	184	332407	22.813	ng	98
77) Pyrene	12.89	202	1232162	41.016	ng	100
79) Butylbenzylphthalate	13.50	149	608861	43.125	ng	91
80) Benzo(a)anthracene	14.07	228	1071254	44.907	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	222219	25.411	ng	97
82) Chrysene	14.11	228	982906	43.279	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	814652	41.905	ng	99
84) Di-n-octyl phthalate	14.66	149	1342103	42.874	ng	97
85) Indeno(1,2,3-cd)pyrene	17.09	276	904528	49.788	ng	96
87) Benzo(b)fluoranthene	15.13	252	1007468m	45.960	ng	
88) Benzo(k)fluoranthene	15.17	252	845748	39.062	ng	99
89) Benzo(a)pyrene	15.51	252	884904	43.978	ng	# 97
90) Dibenzo(a,h)anthracene	17.10	278	752970	46.759	ng	97
91) Benzo(g,h,i)perylene	17.55	276	759995	47.745	ng	96

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

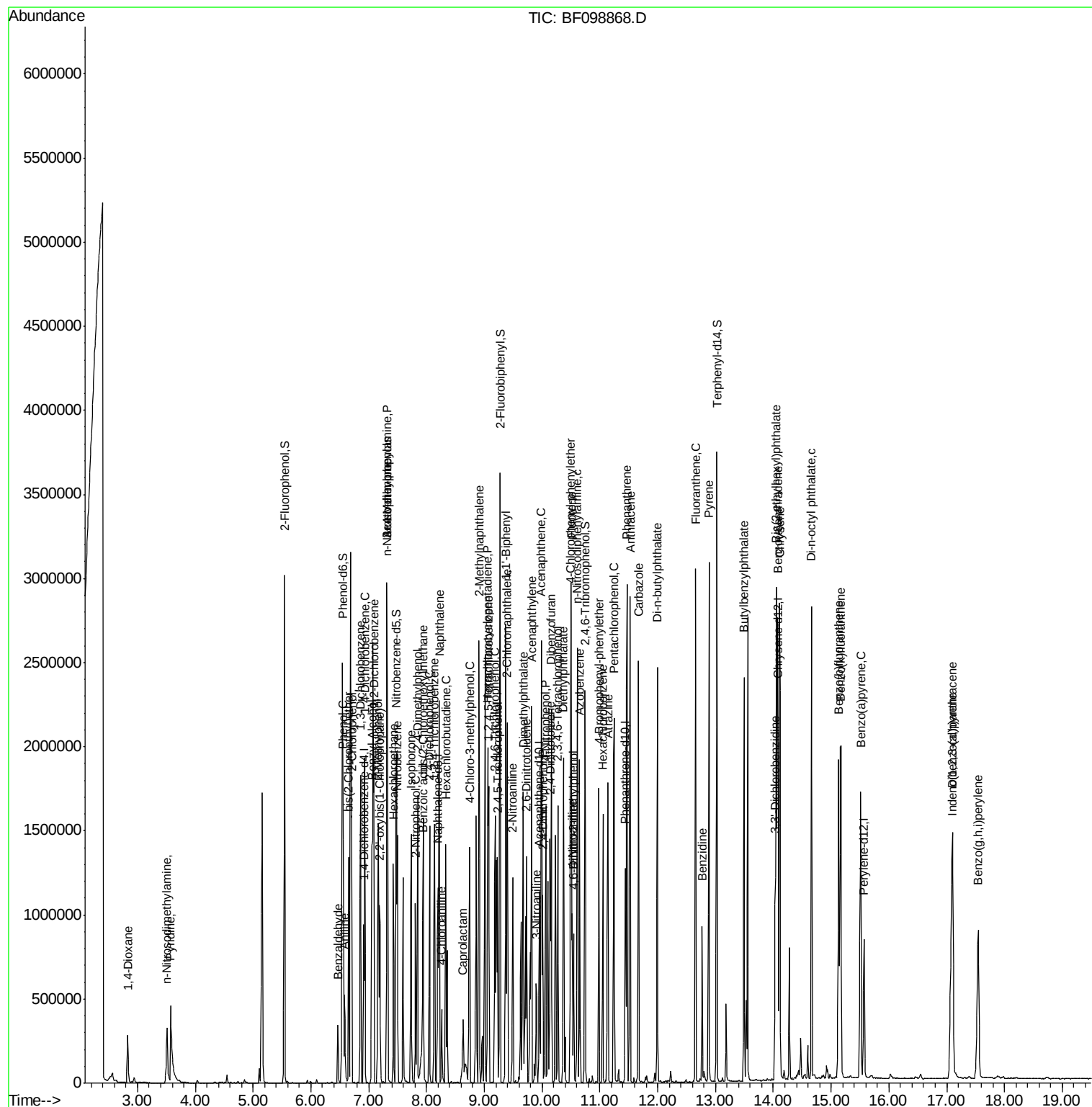
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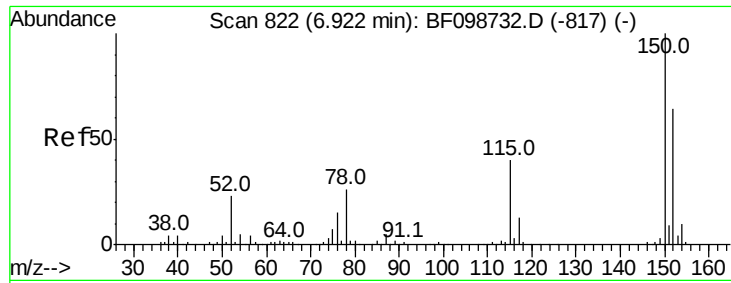
Instrument :
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#1

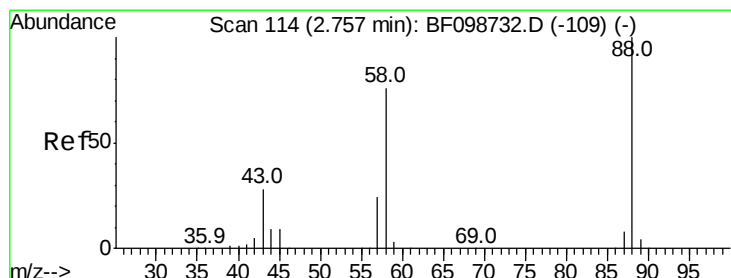
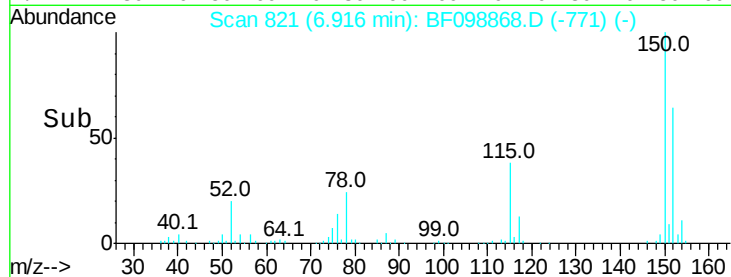
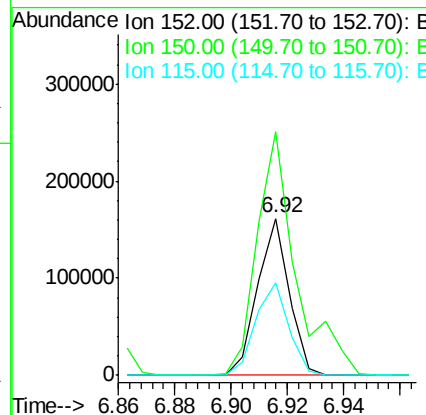
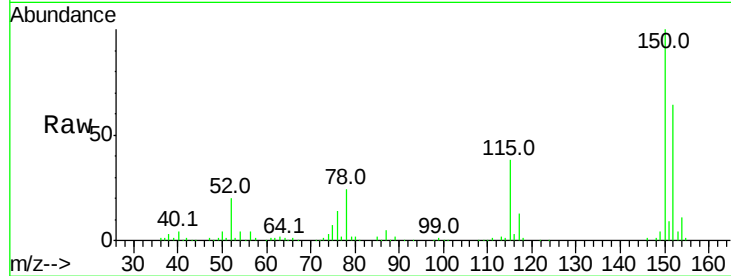
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	59.4	50.1	75.1

Manual Integrations
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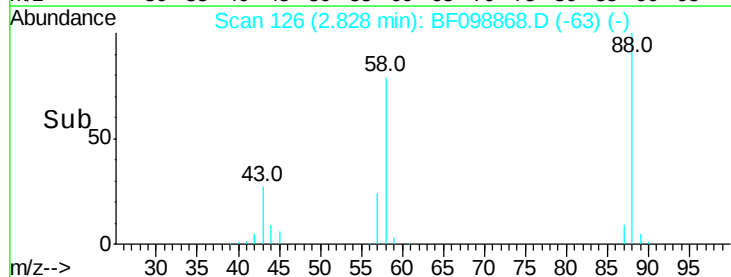
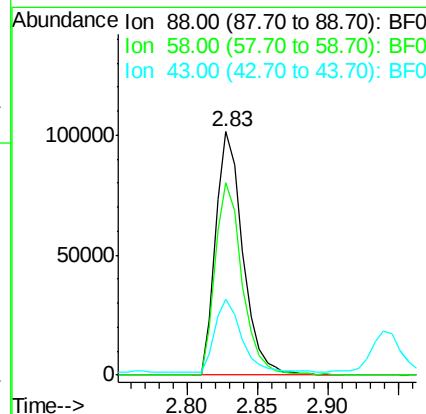
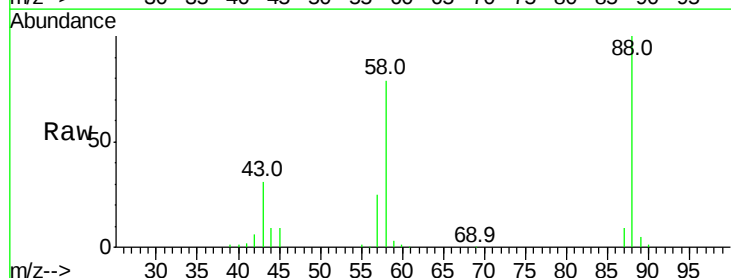
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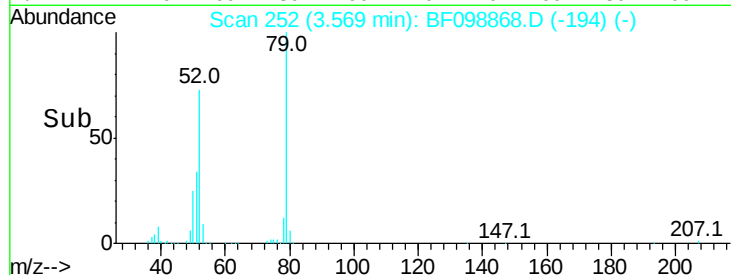
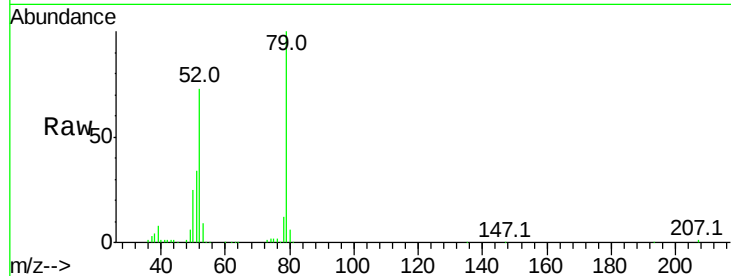
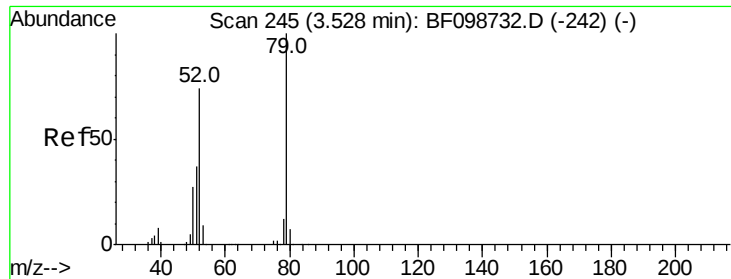


#2

1,4-Dioxane
Concen: 35.940 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.07 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.4	62.6	93.8
43	29.2	24.6	37.0





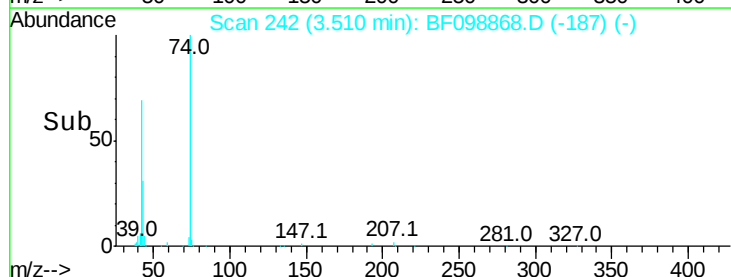
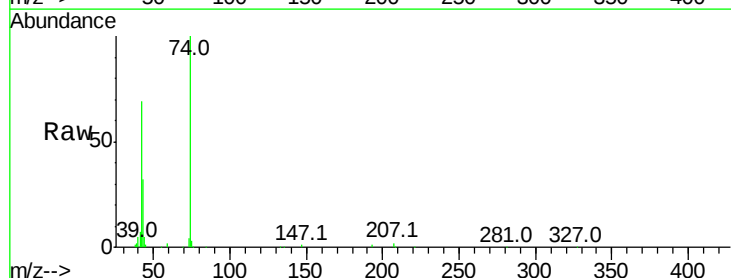
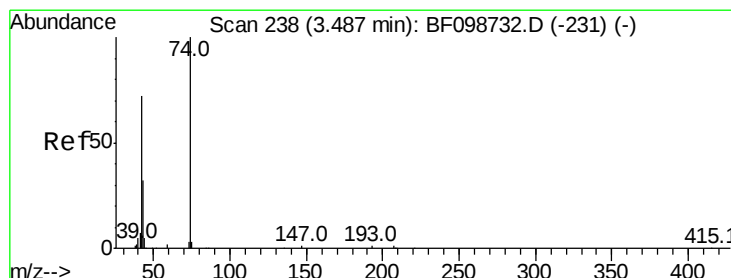
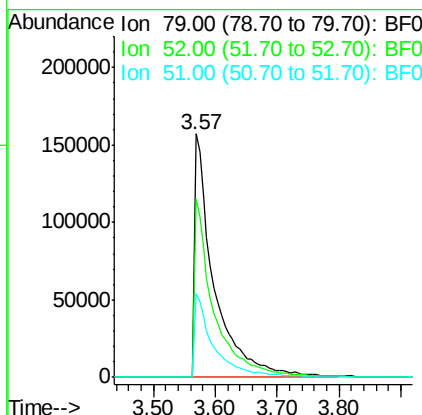
#3
 Pvridine
 Concen: 33.653 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.04 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	73.1		59.8	89.6
51	51	34.1		29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

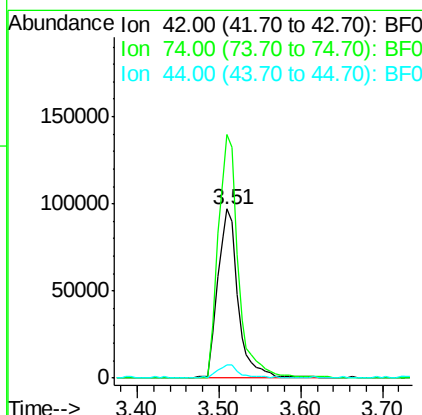
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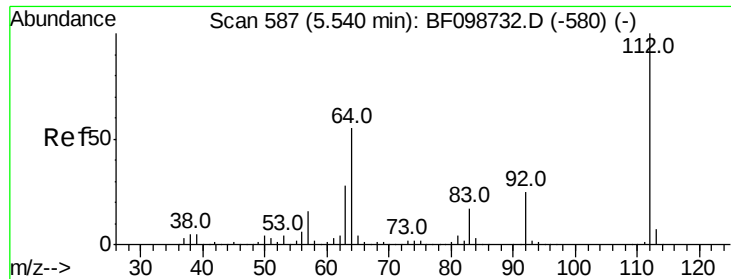
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#4
 n-Nitrosodimethylamine
 Concen: 38.771 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.02 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	144.2		104.9	157.3
44	44	7.7		6.9	10.3





#5

2-Fluorophenol

Concen: 113.999 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

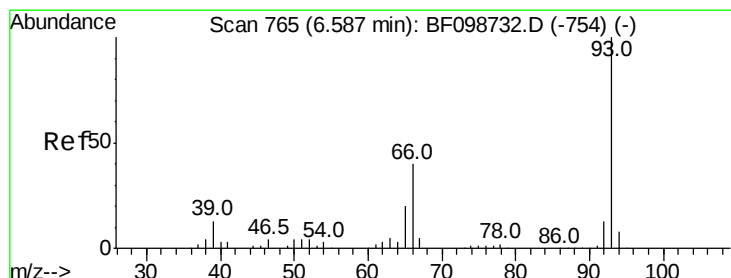
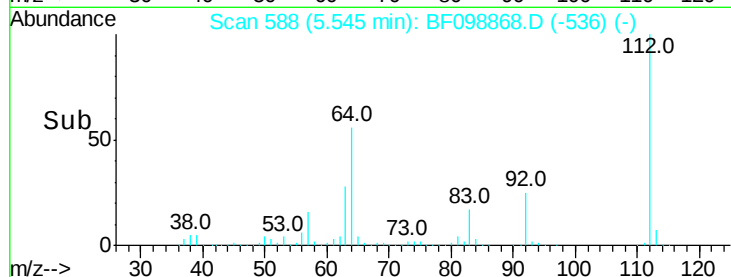
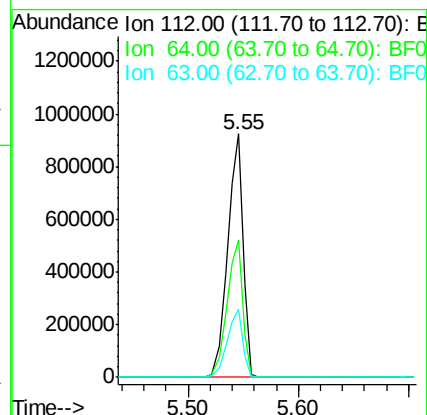
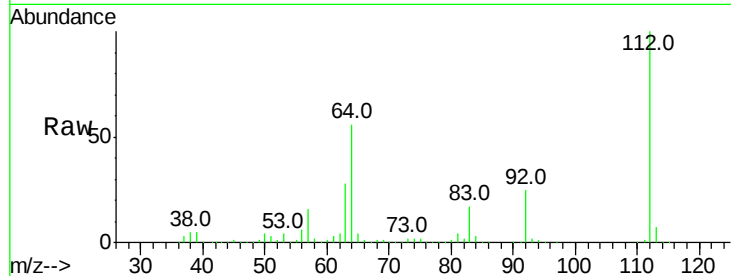
ClientSampleId :

JC-DRUMMS

Tot Ion:	112	Resp:	901546
Ion Ratio	Lower	Upper	
112	100		
64	56.2	47.9	71.9
63	28.0	23.7	35.5

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#6

Aniline

Concen: 19.518 ng

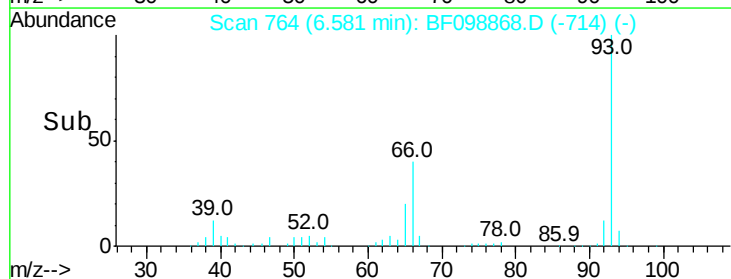
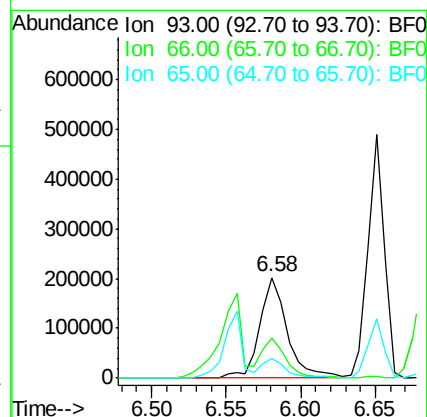
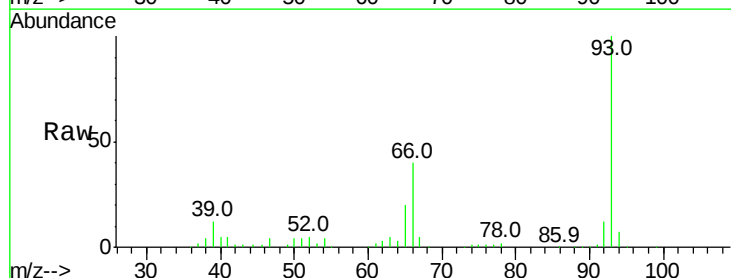
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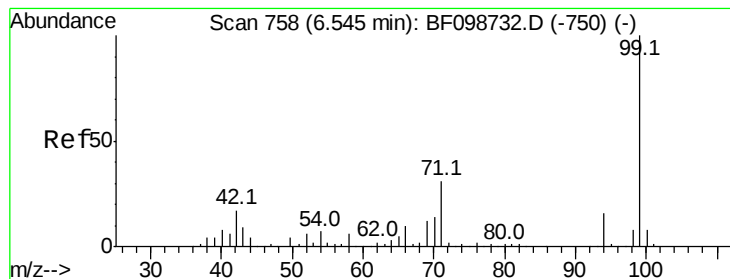
Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion:	93	Resp:	256990
Ion Ratio	Lower	Upper	
93	100		
66	40.1	32.2	48.2
65	19.8	16.4	24.6





#7

Phenol-d6

Concen: 102.417 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

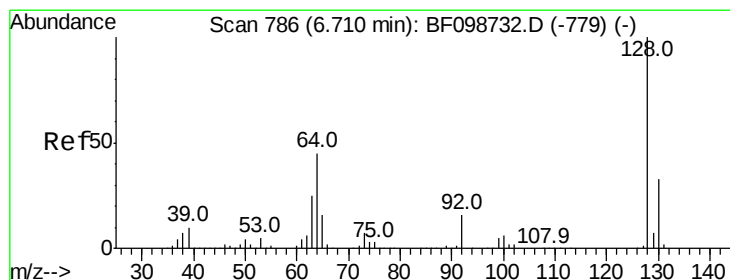
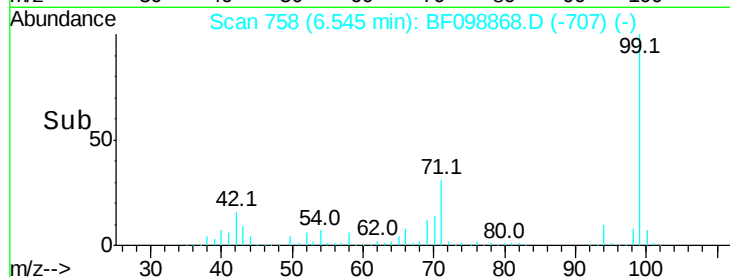
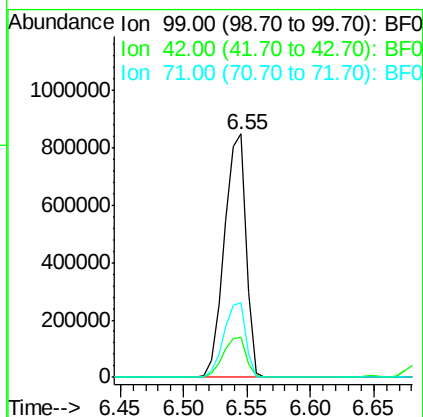
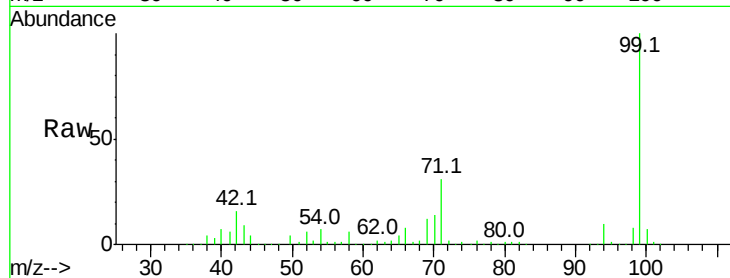
ClientSampleId :

JC-DRUMMS

Tot Ion	99	Resp	999168
Ion Ratio	Lower	Upper	
99	100		
42	16.4	14.5	21.7
71	30.9	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.360 ng

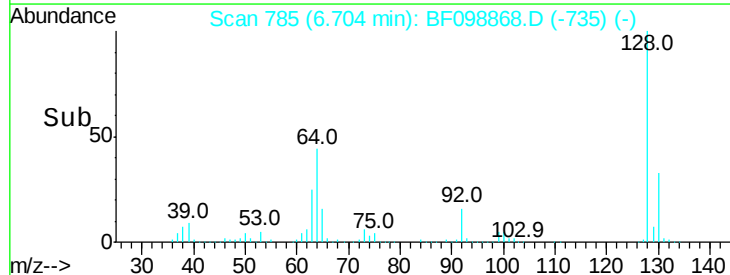
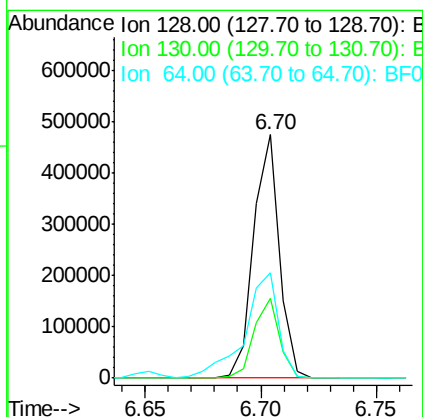
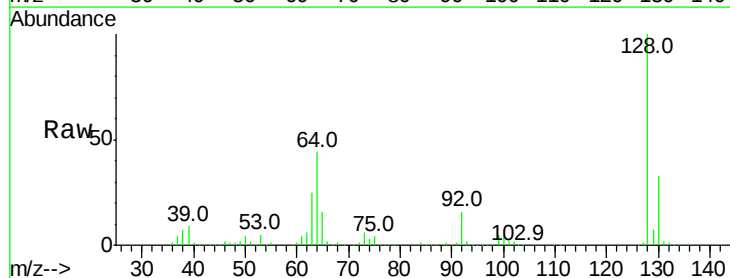
RT: 6.70 min Scan# 785

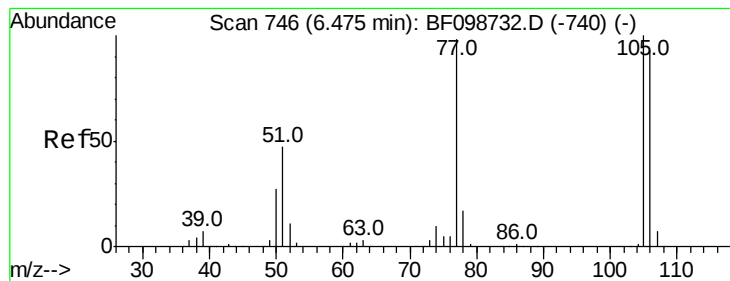
Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion	128	Resp	370412
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.0	53.0
64	43.5	29.4	69.4





#9

Benzaldehyde

Concen: 11.996 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

ClientSampled :

JC-DRUMMS

Tot Ion: 77 Resp: 67885

Ion Ratio Lower Upper

77 100

105 104.5 81.1 121.1

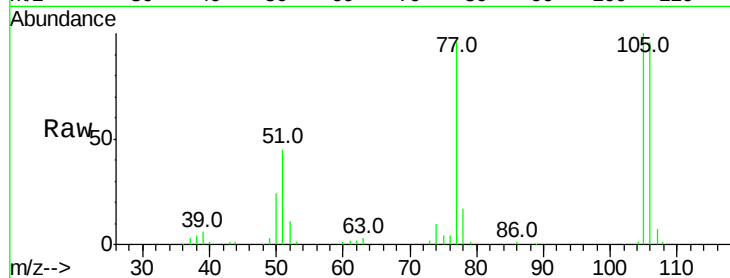
106 100.2 74.5 114.5

Manual Integrations

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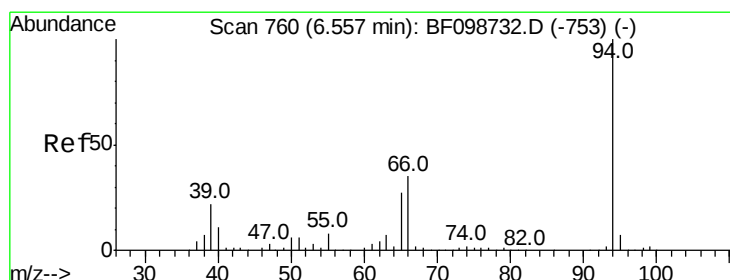
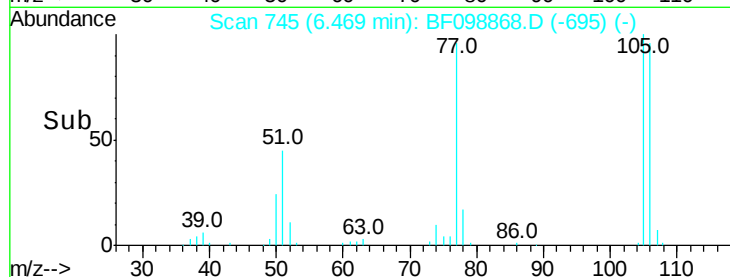
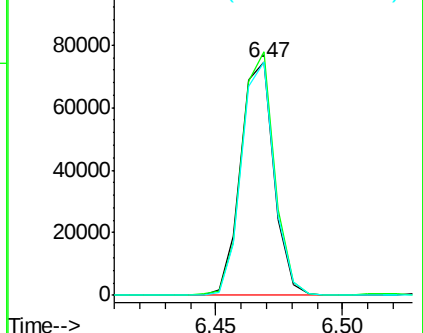
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.672 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

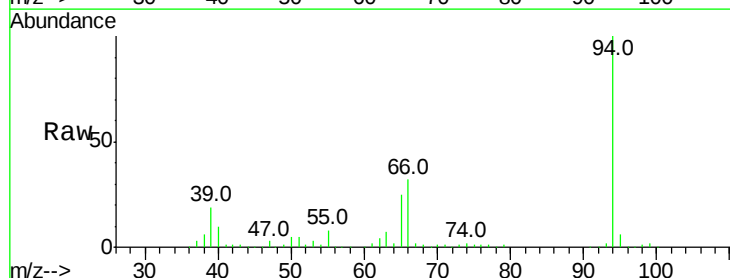
Tgt Ion: 94 Resp: 389210

Ion Ratio Lower Upper

94 100

65 24.8 7.9 47.9

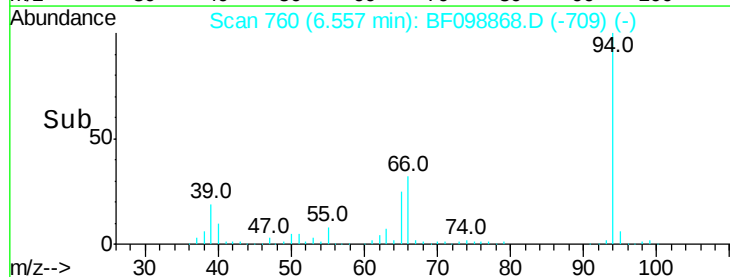
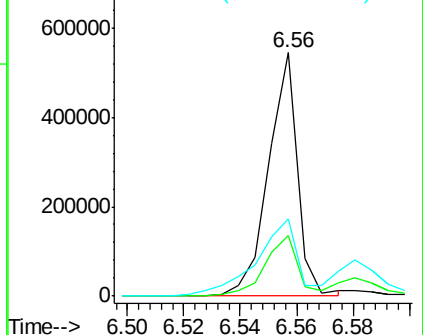
66 31.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.281 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

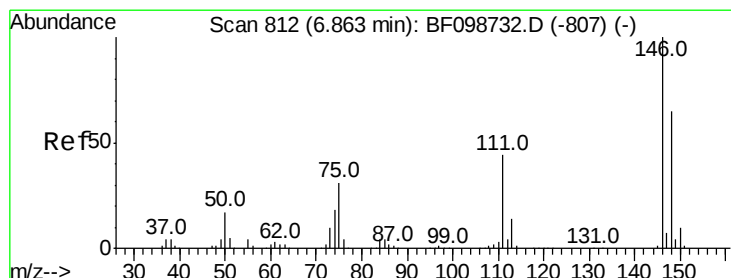
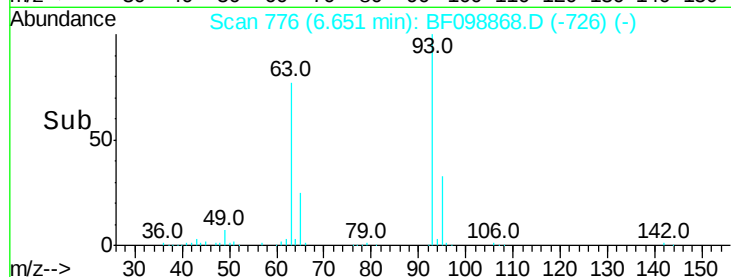
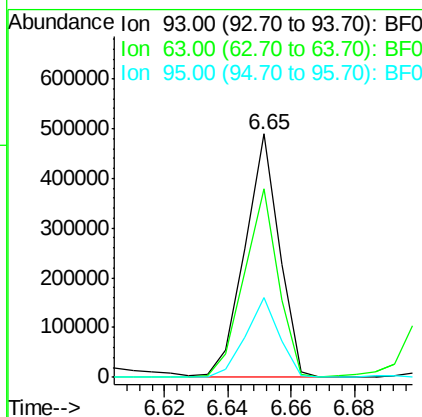
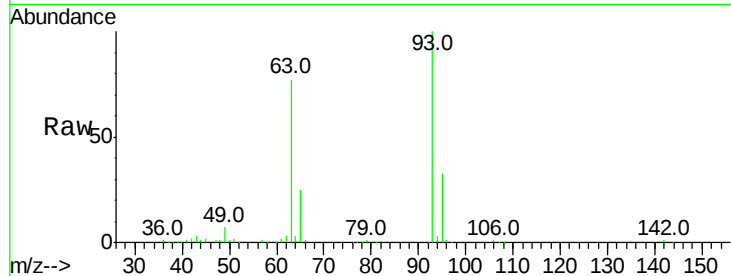
ClientSampleId :

JC-DRUMMS

Tot Ion:	93	Resp:	367118
Ion Ratio	Lower	Upper	
93	100		
63	77.2	58.6	98.6
95	33.0	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 41.290 ng

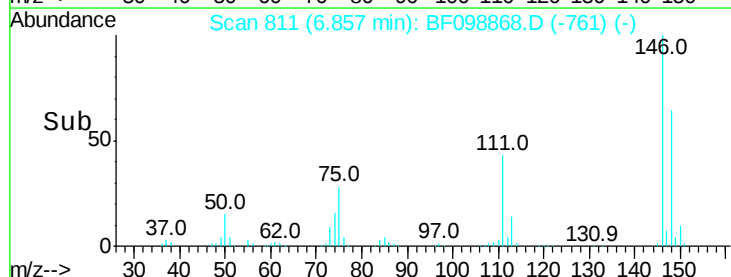
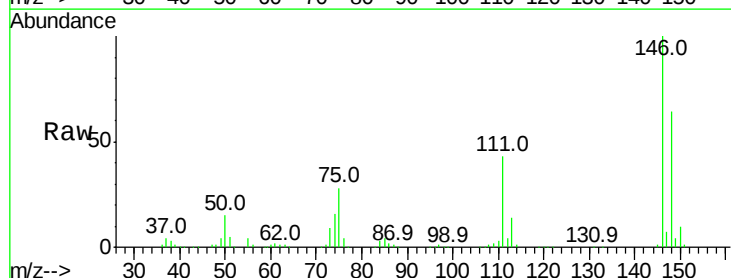
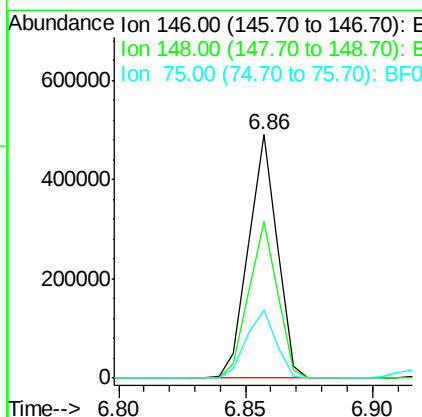
RT: 6.86 min Scan# 811

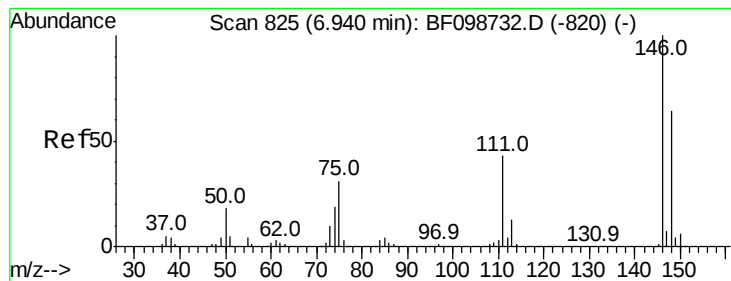
Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion:	146	Resp:	387267
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
75	28.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.459 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

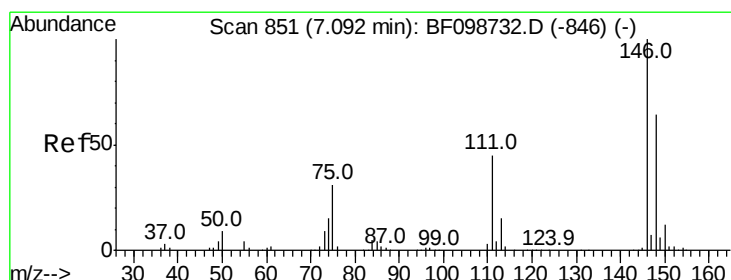
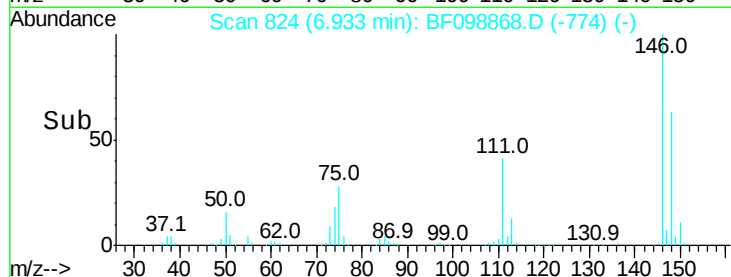
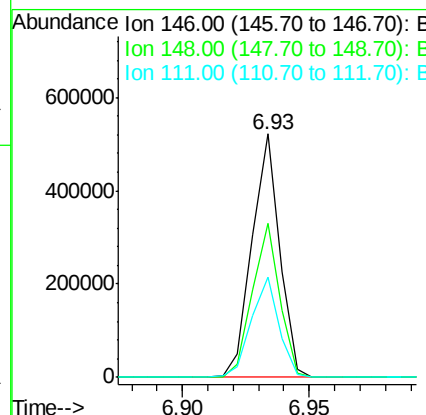
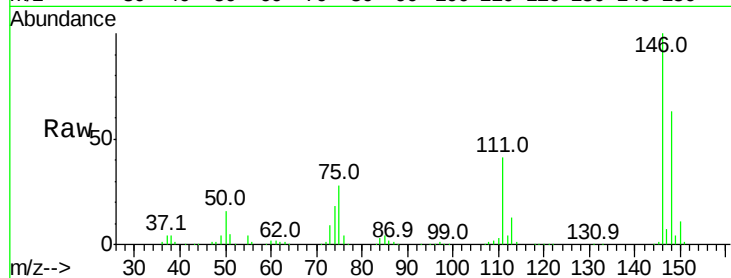
ClientSampleId :

JC-DRUMMS

Tot Ion:	146	Resp:	395640
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.8	76.2
111	41.0	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.067 ng

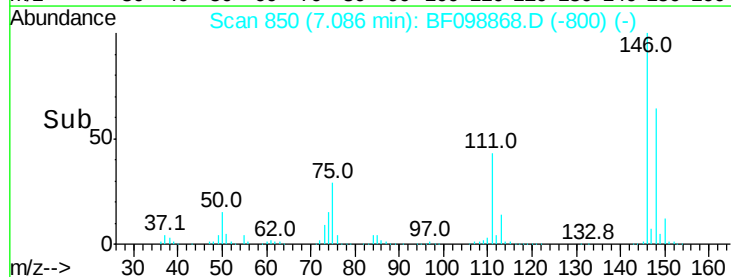
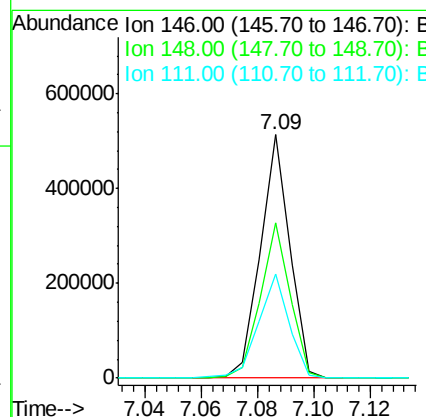
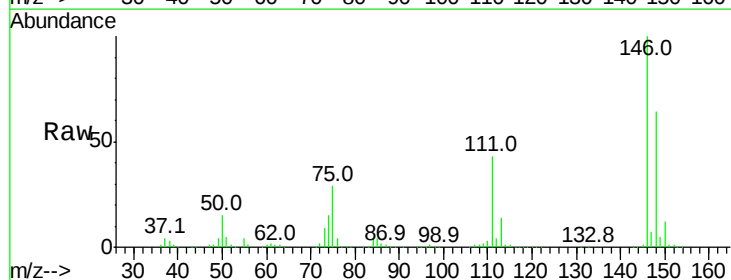
RT: 7.09 min Scan# 850

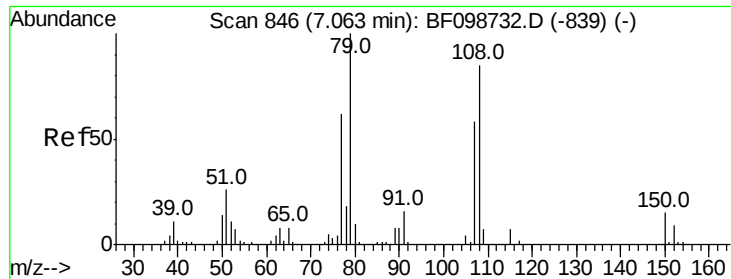
Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion:	146	Resp:	370930
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	75.8
111	42.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 44.136 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

ClientSampleId :

JC-DRUMMS

Tot Ion: 79 Resp: 315882

Ion Ratio Lower Upper

79 100

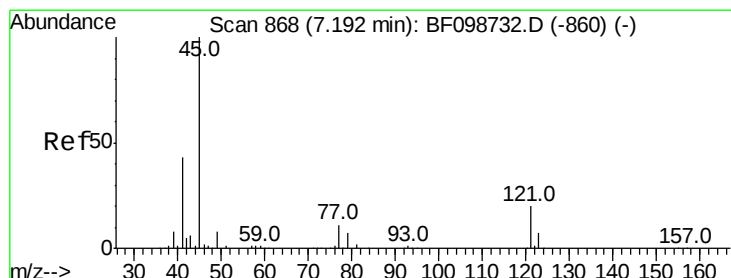
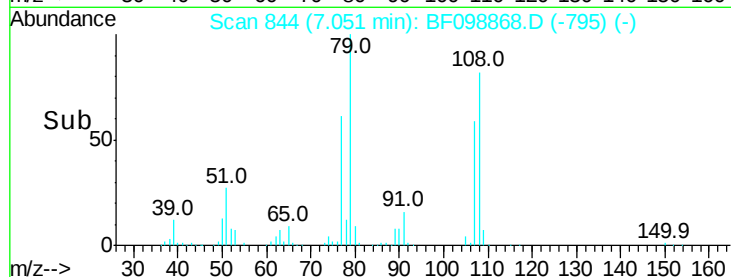
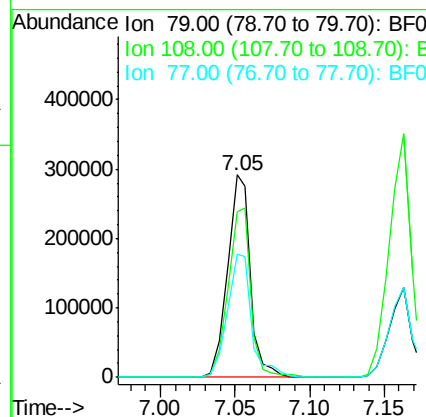
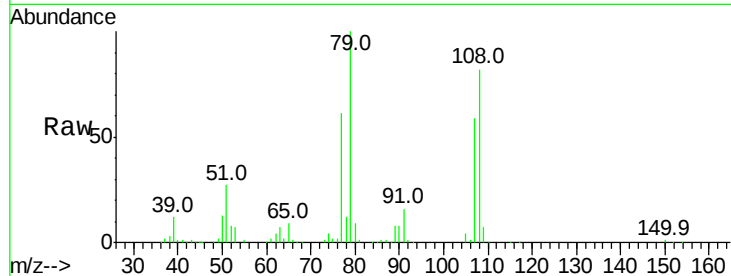
108 81.8 65.1 97.7

77 60.8 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.553 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

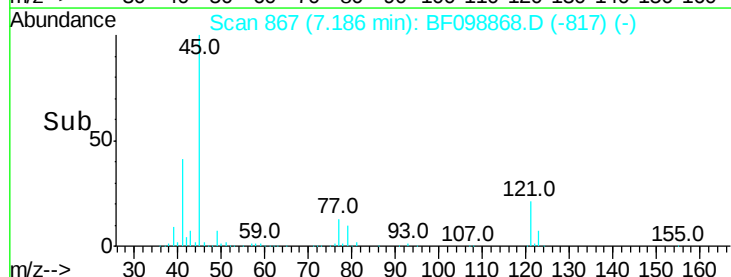
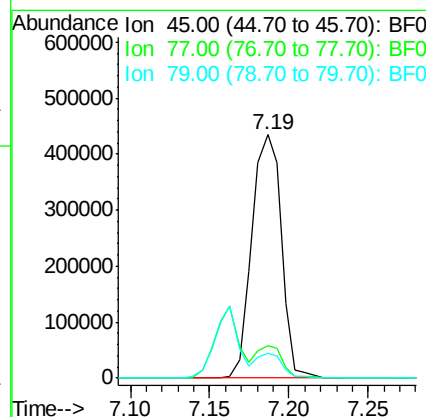
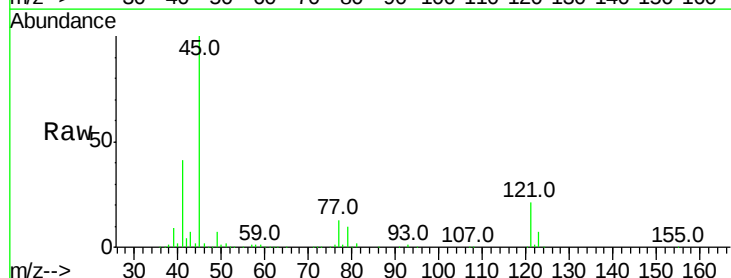
Tgt Ion: 45 Resp: 562341

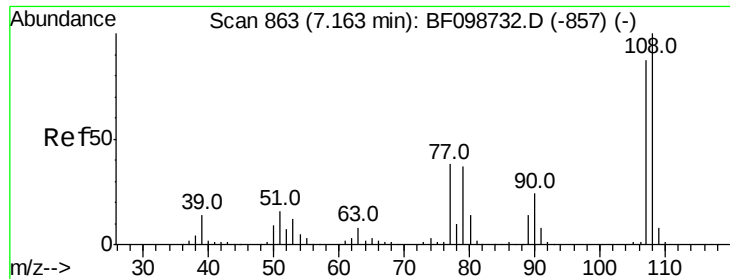
Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.9

79 10.3 0.0 29.6





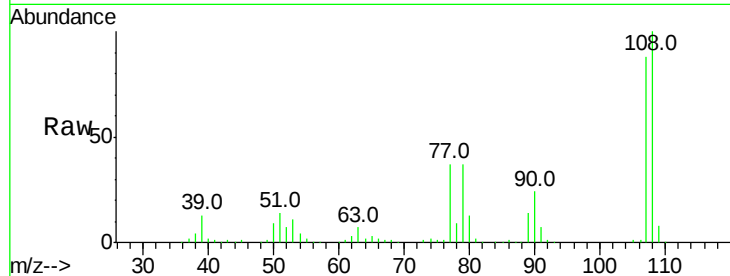
#17
2-Methylphenol
Concen: 41.691 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

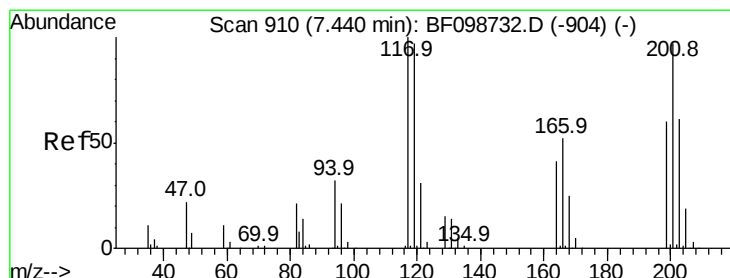
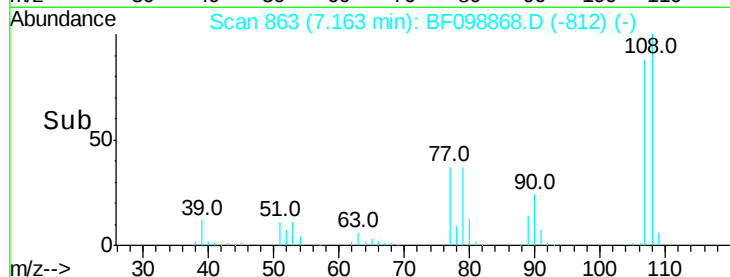
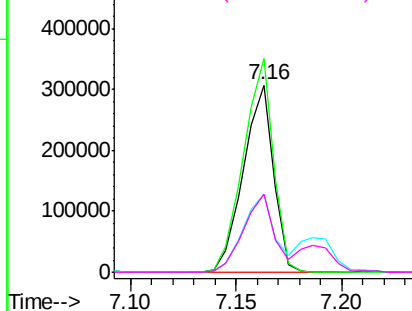
Tot Ion	107	Resp	305511
Ion Ratio	Lower	Upper	
107	100		
108	114.2	91.7	137.5
77	41.9	33.8	50.8
79	42.1	33.8	50.8

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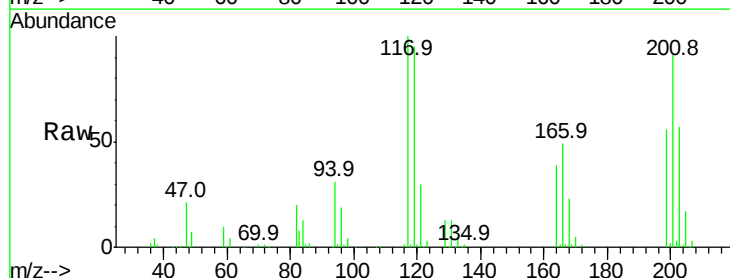


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

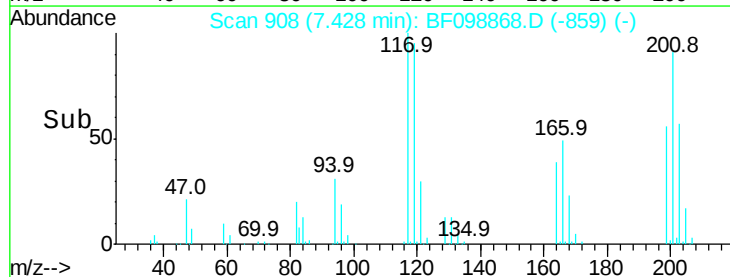
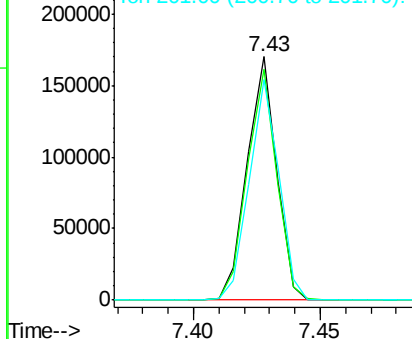


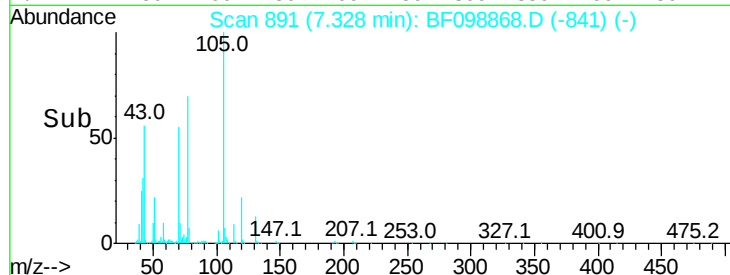
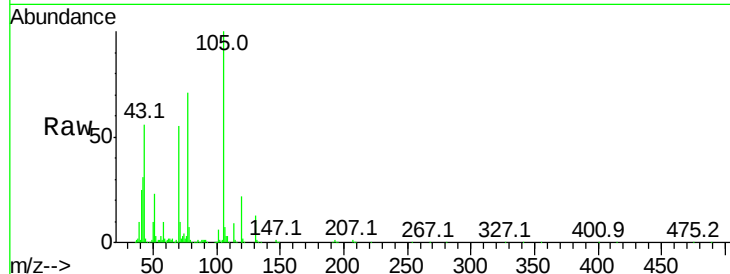
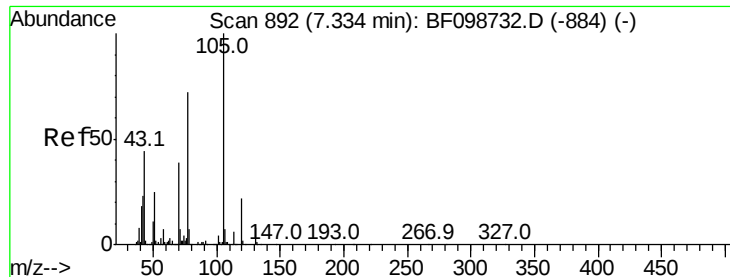
#18
Hexachloroethane
Concen: 40.264 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	117	Resp	138110
Ion Ratio	Lower	Upper	
117	100		
119	94.6	75.8	113.8
201	90.7	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





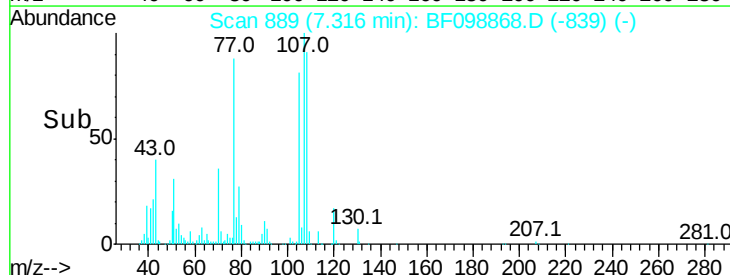
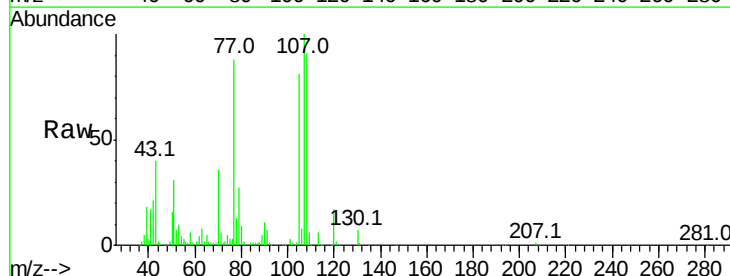
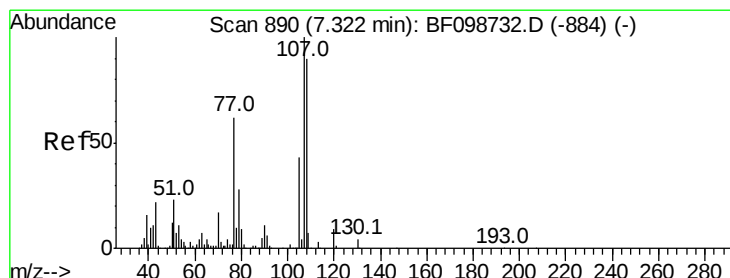
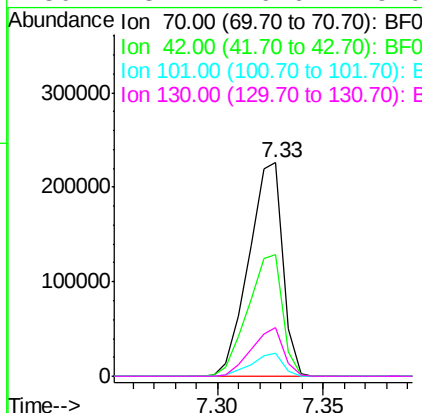
#19
n-Nitroso-di-n-propylamine
Concen: 40.580 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.5	71.3
101	10.6	7.4	11.2
130	23.1	16.6	25.0

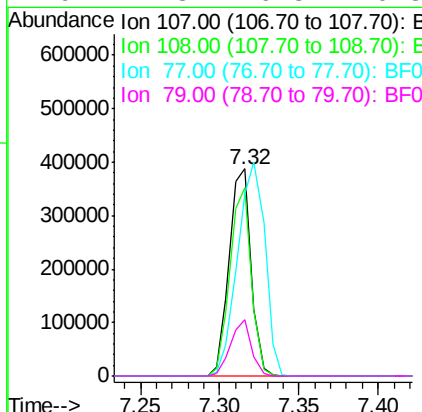
Manual Integrations
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#20
3+4-Methylphenols
Concen: 40.316 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	87.9	26.7	66.7#
79	27.3	6.3	46.3





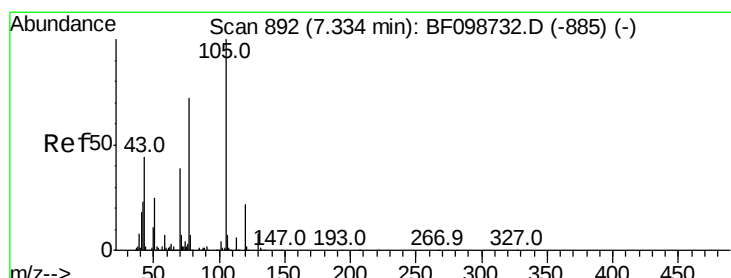
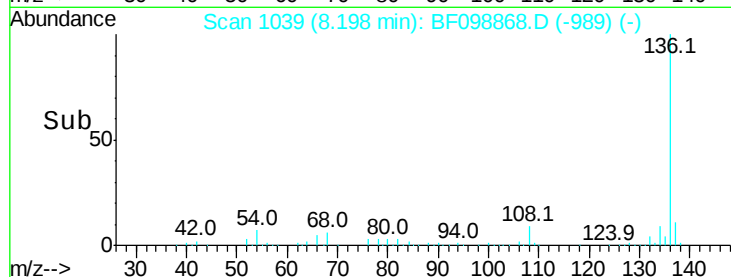
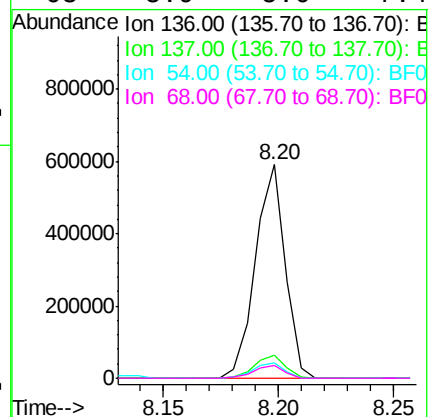
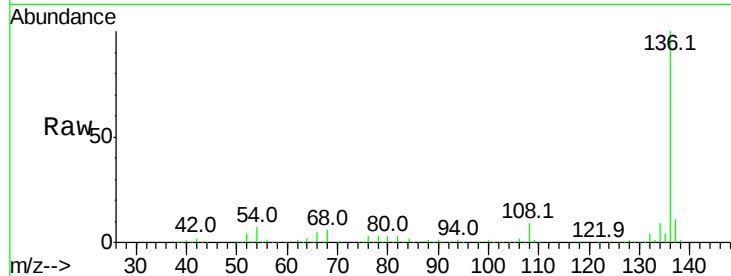
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	532845		
137	10.8	8.9	13.3	
54	7.4	6.6	9.8	
68	5.9	5.0	7.4	

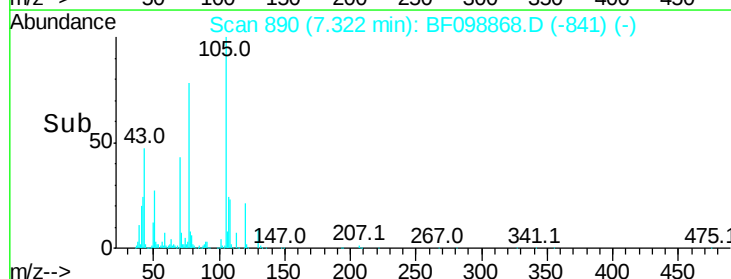
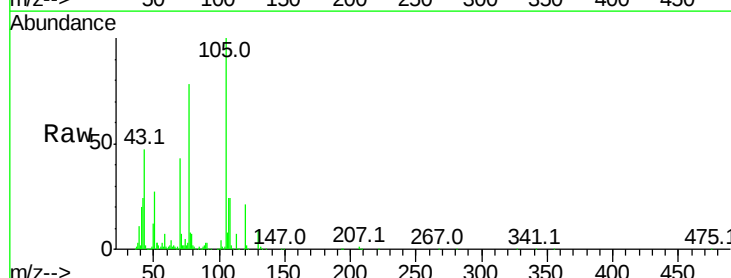
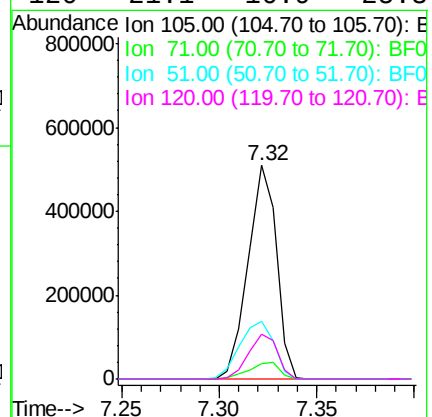
Manual Integrations
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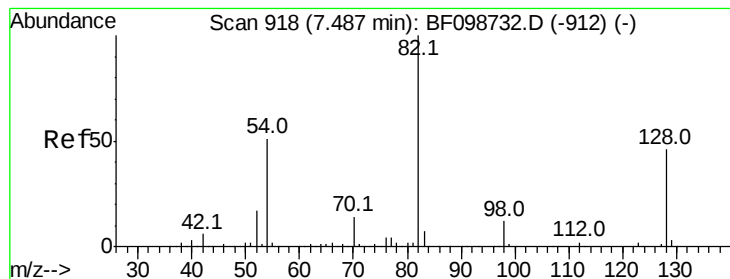
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#22
Acetophenone
Concen: 40.023 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	516692		
71	7.3	4.4	6.6#	
51	27.1	22.3	33.5	
120	21.1	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 89.222 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

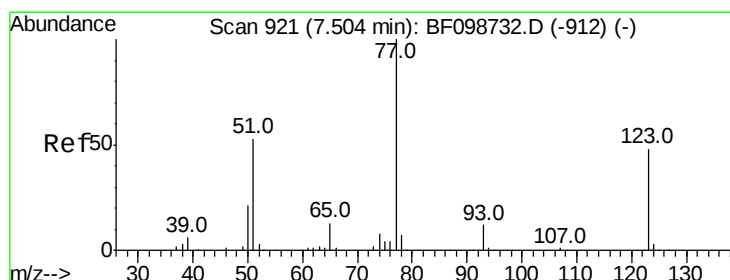
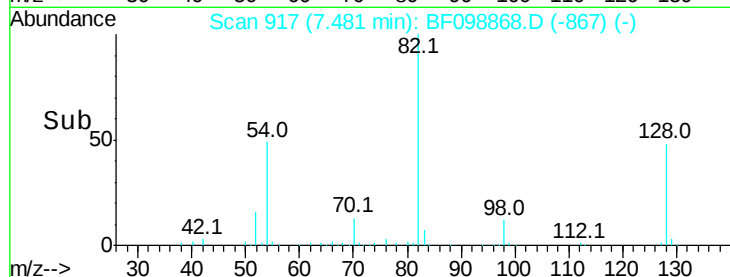
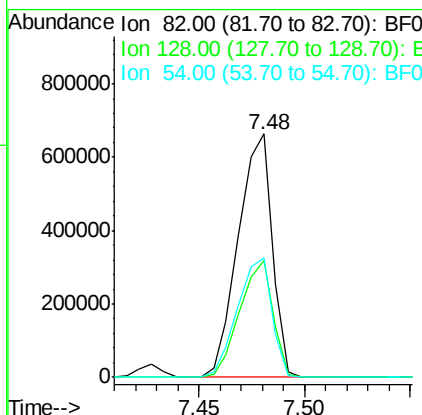
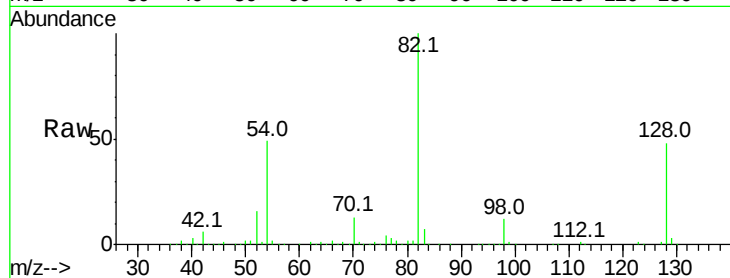
ClientSampled :

JC-DRUMMS

Tot Ion:	82	Resp:	741326
Ion Ratio	Lower	Upper	
82	100		
128	47.9	36.1	54.1
54	49.0	41.4	62.2

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#24

Nitrobenzene

Concen: 41.525 ng

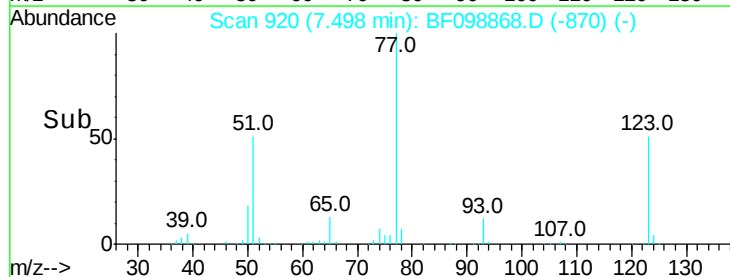
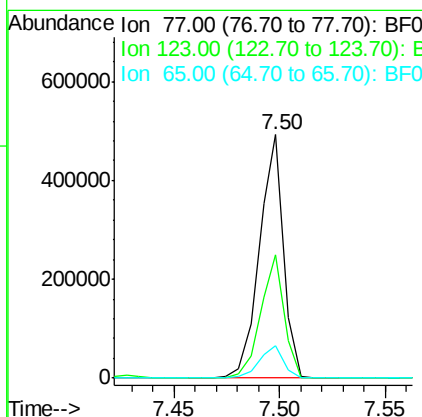
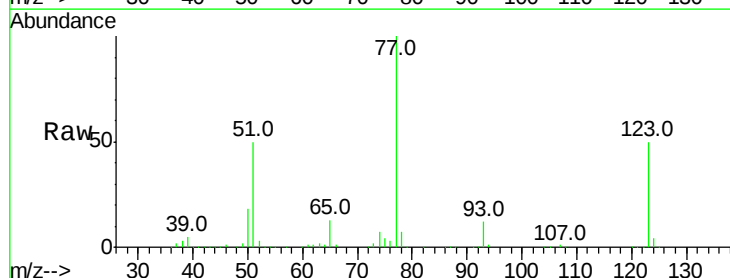
RT: 7.50 min Scan# 920

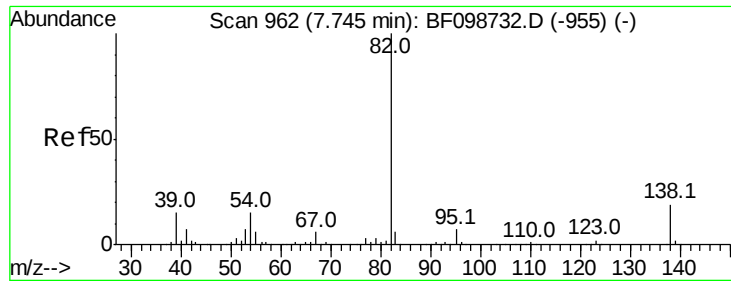
Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion:	77	Resp:	391388
Ion Ratio	Lower	Upper	
77	100		
123	50.5	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 41.660 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

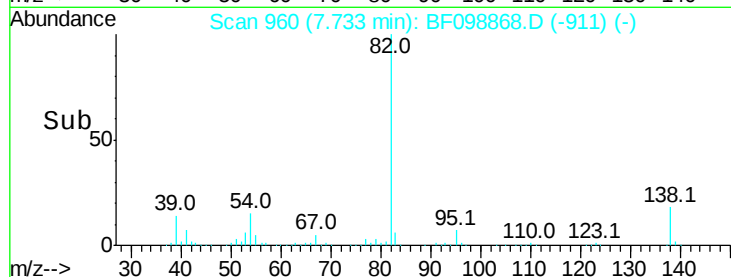
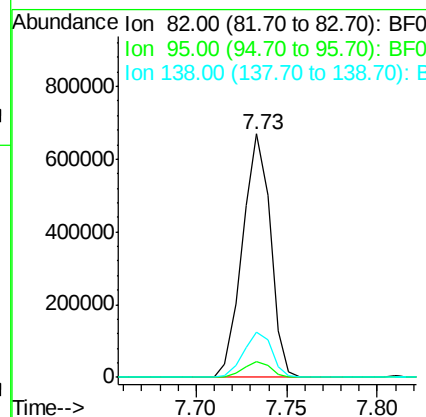
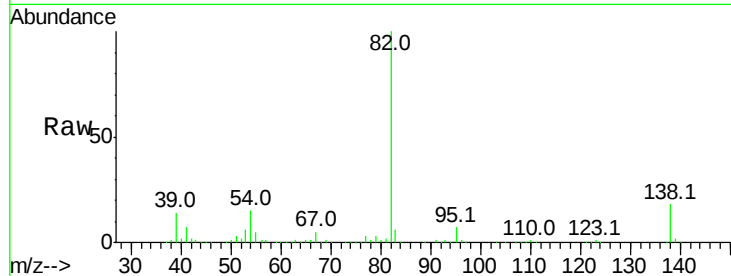
ClientSampleId :

JC-DRUMMS

Tot Ion:	82	Resp:	715649
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.732 ng

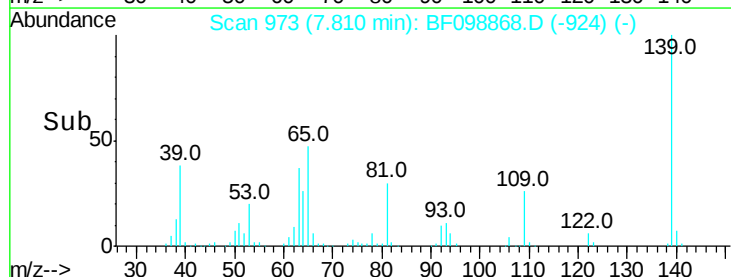
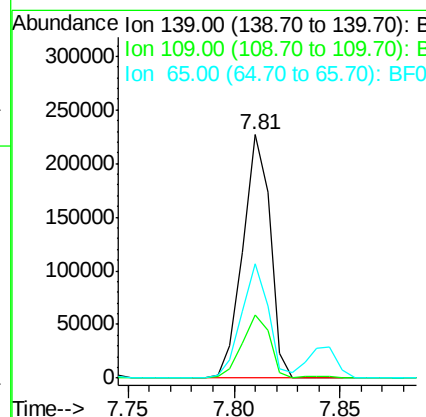
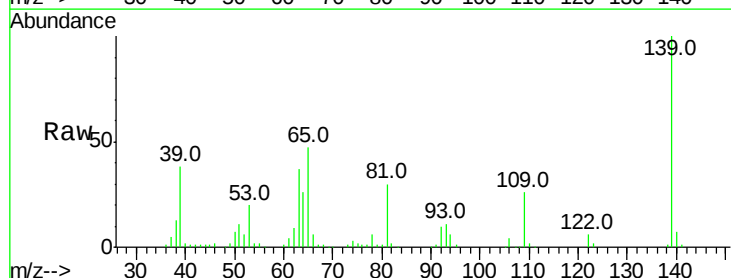
RT: 7.81 min Scan# 973

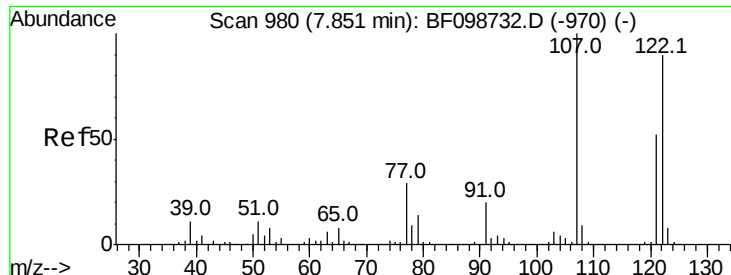
Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion:	139	Resp:	202744
Ion Ratio	Lower	Upper	
139	100		
109	25.8	22.7	34.1
65	47.0	40.5	60.7





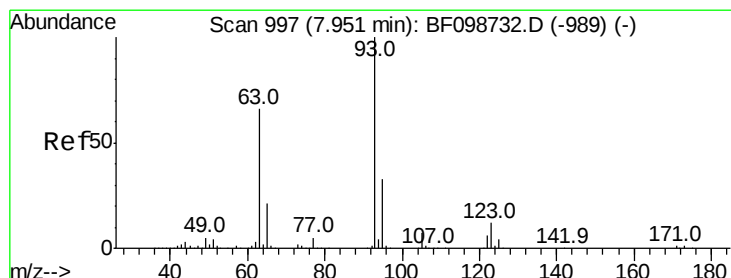
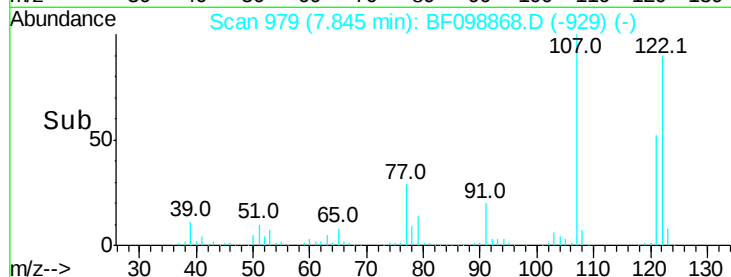
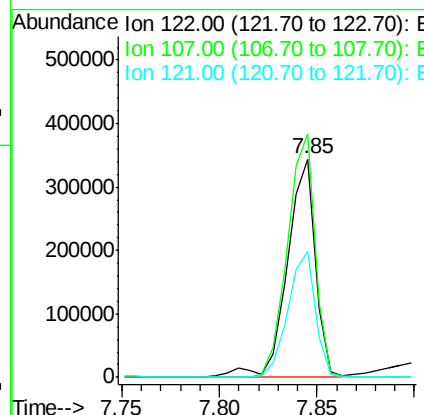
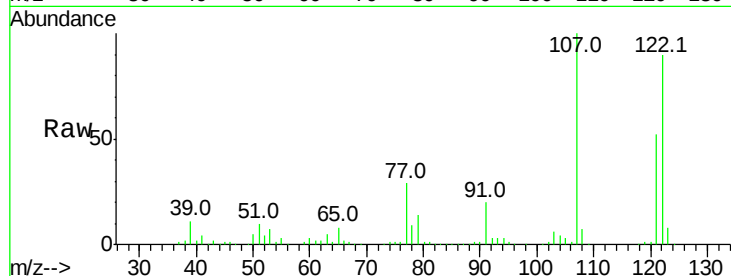
#27
 2,4-Dimethylphenol
 Concen: 40.107 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	343295		
107	111.4	91.2	136.8	
121	57.7	47.2	70.8	

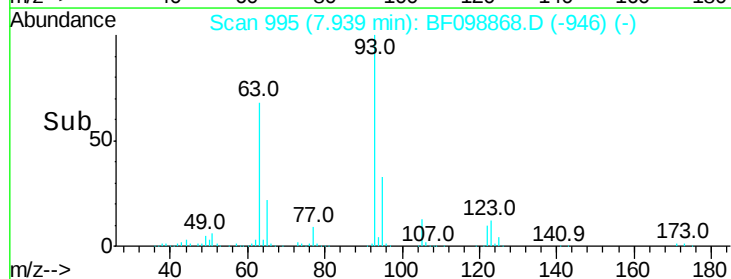
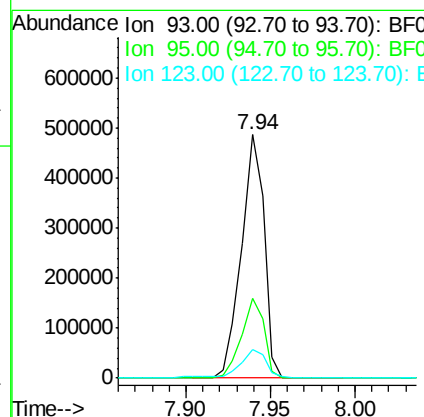
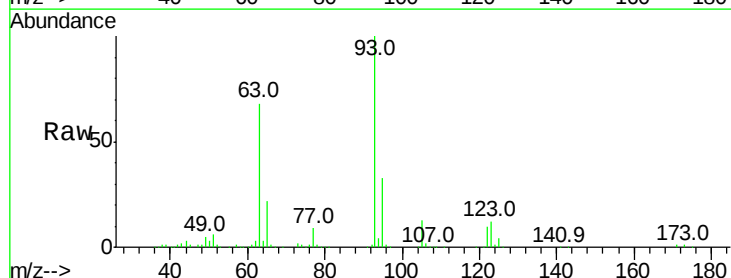
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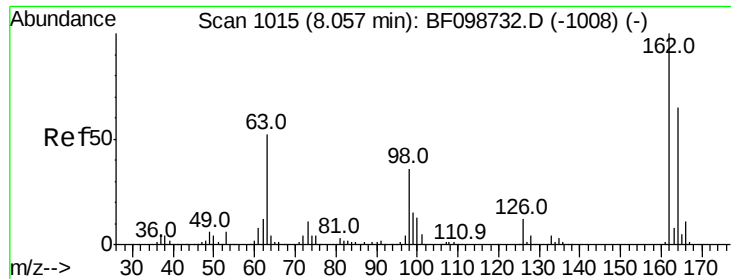
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.593 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	455977		
95	32.7	26.3	39.5	
123	11.9	9.8	14.6	





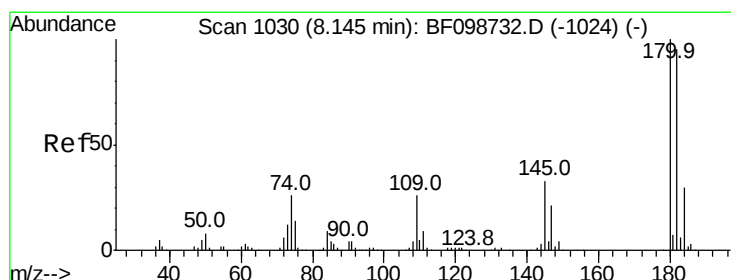
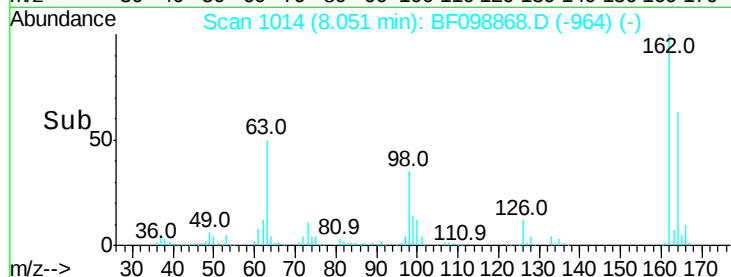
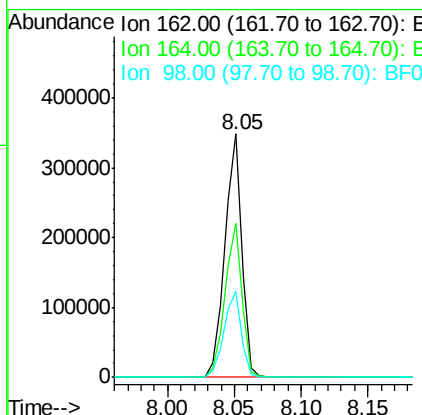
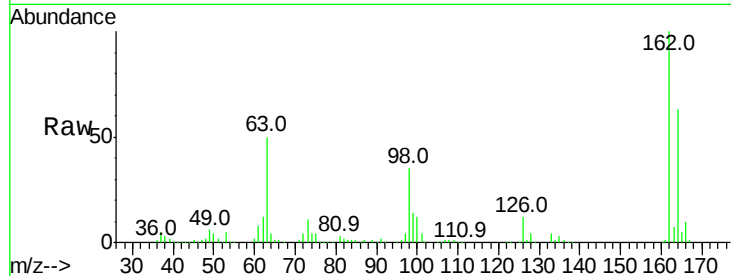
#29
 2,4-Dichlorophenol
 Concen: 42.740 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	314097		
164	63.3	42.7	82.7	
98	35.4	18.1	58.1	

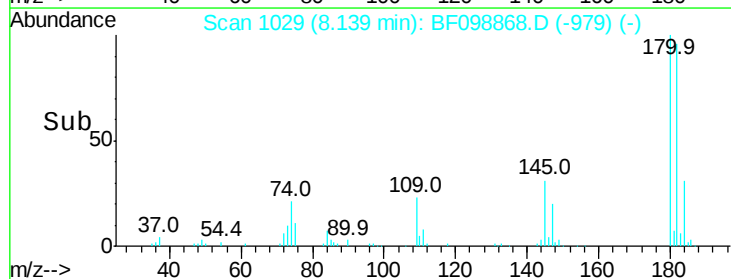
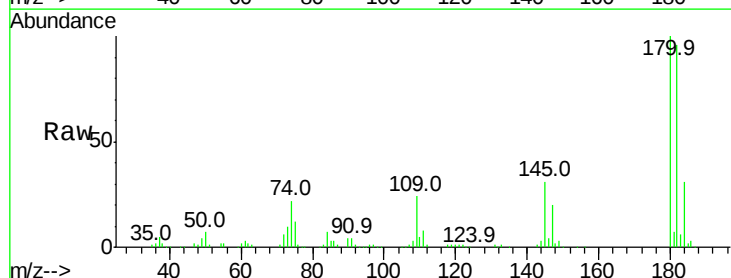
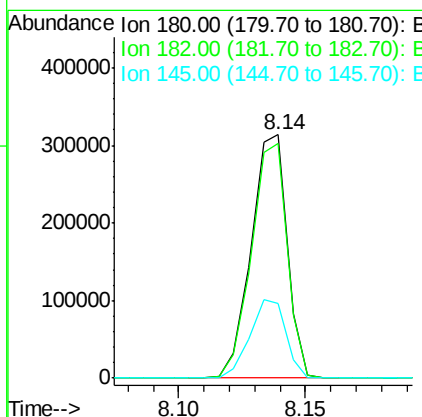
Manual Integrations
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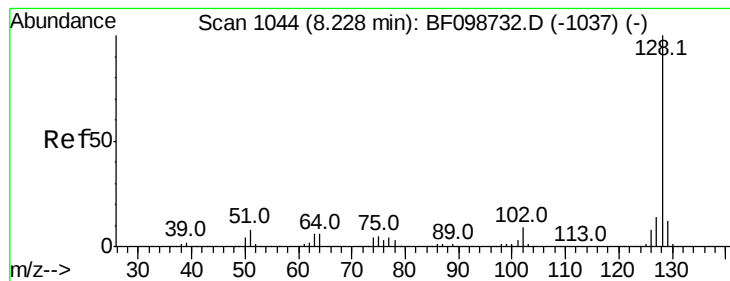
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.368 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	311410		
182	96.5	76.8	115.2	
145	30.9	26.5	39.7	





#31

Naphthalene

Concen: 43.010 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

ClientSampleId :

JC-DRUMMS

Tot Ion:128 Resp: 1076351

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

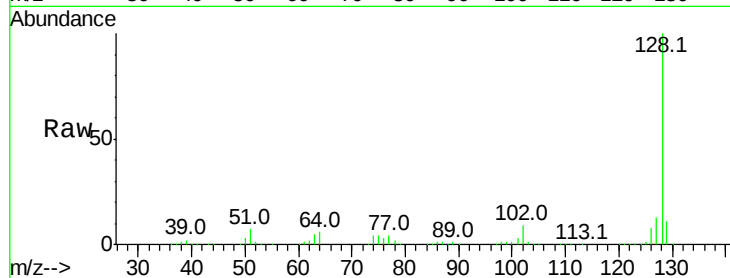
127 13.3 10.9 16.3

Manual Integrations

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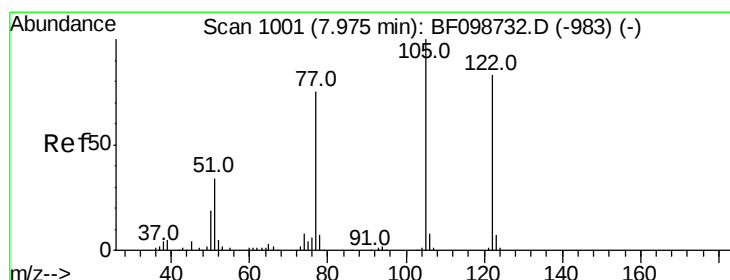
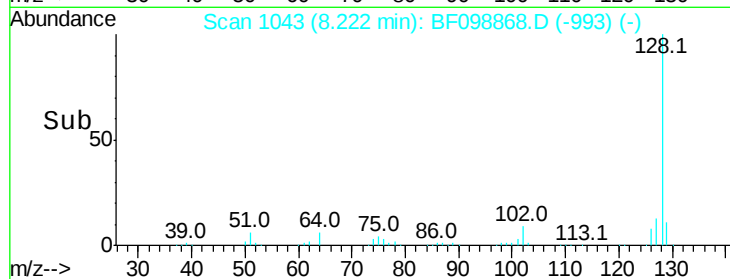
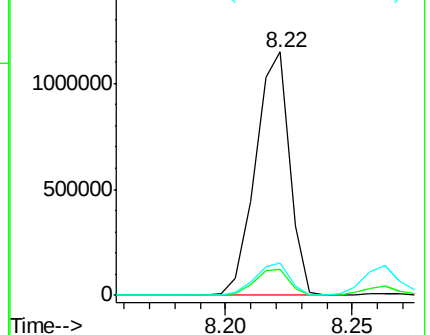
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.900 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

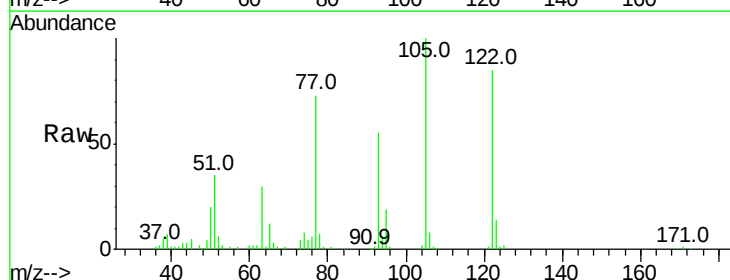
Tgt Ion:122 Resp: 182104

Ion Ratio Lower Upper

122 100

105 117.4 101.1 141.1

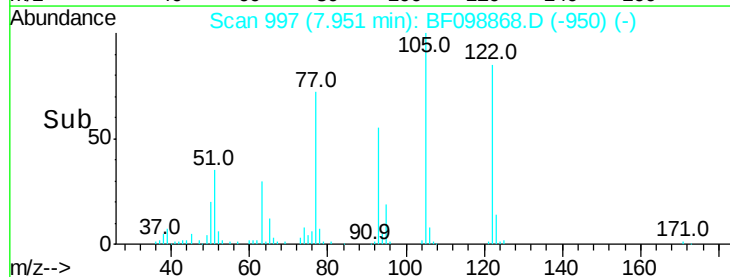
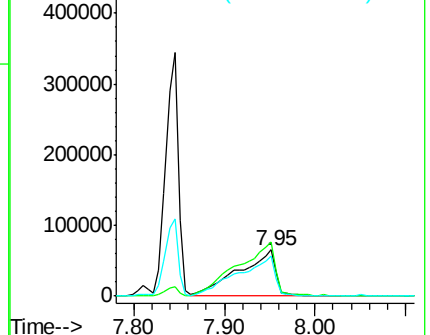
77 86.0 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





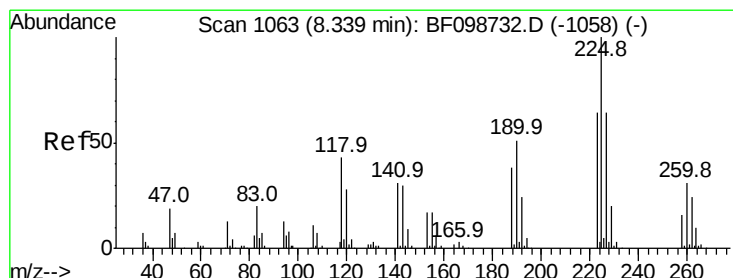
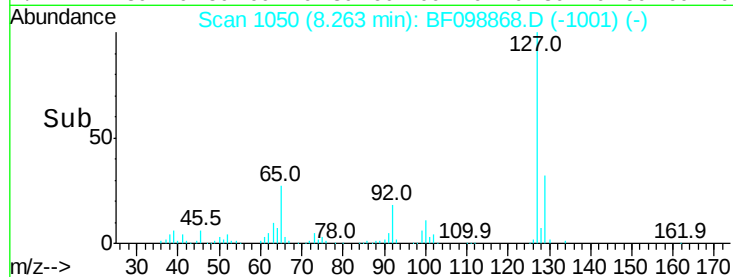
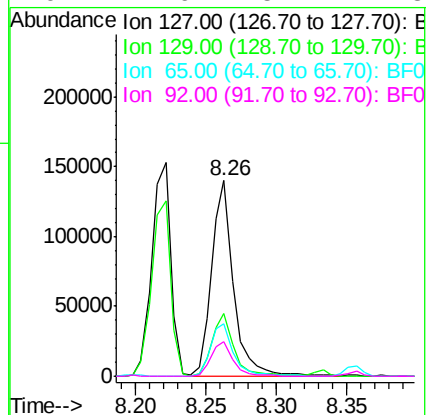
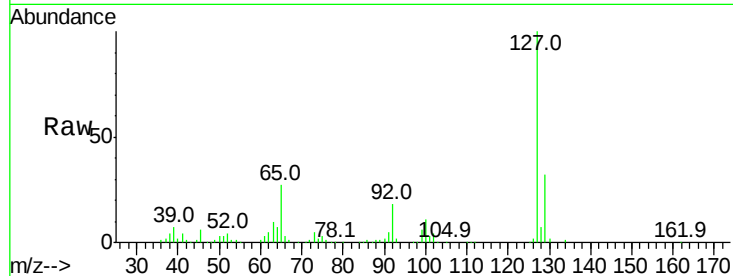
#33
 4-Chloroaniline
 Concen: 14.330 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.9	38.9	
65	26.6	25.0	37.4	
92	17.6	15.2	22.8	

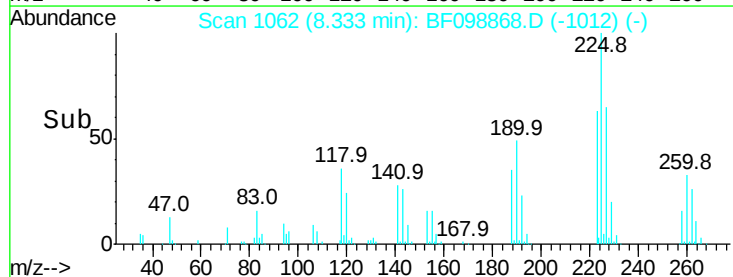
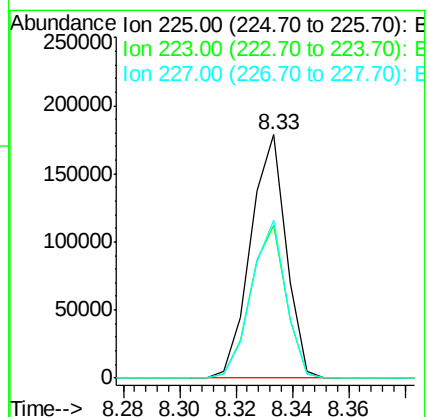
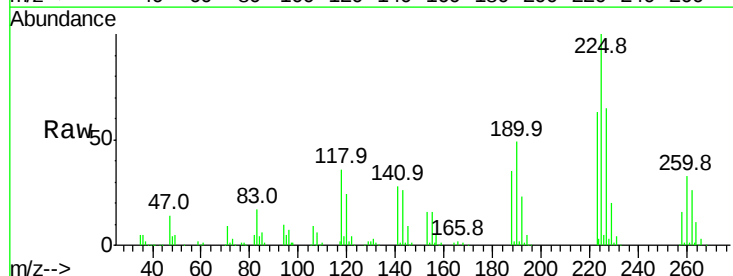
Manual Integrations
 APPROVED

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#34
 Hexachlorobutadiene
 Concen: 41.053 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	50.6	76.0	
227	64.9	51.9	77.9	





#35

Caprolactam

Concen: 40.117 ng/mL

RT: 8.63 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

ClientSampleID :

JC-DRUMMS

Tot Ion:113 Resp: 94570

Ion Ratio Lower Upper

113 100

55 175.4 163.3 203.3

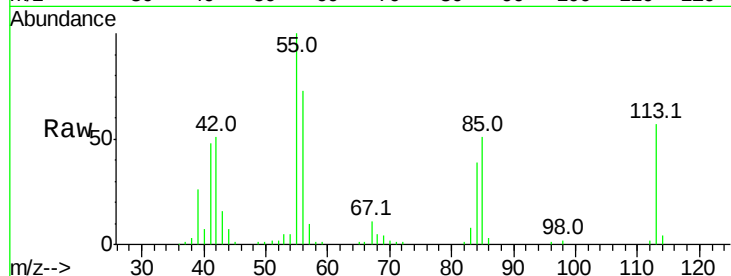
56 127.2 115.7 155.7

Manual Integrations

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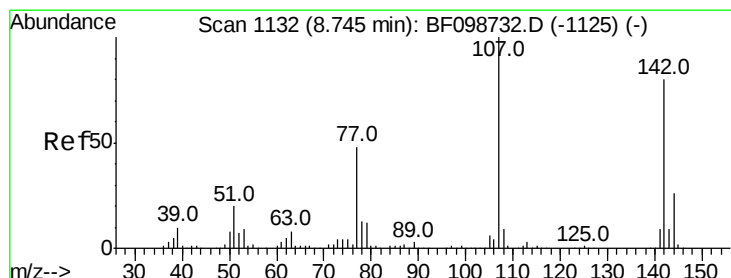
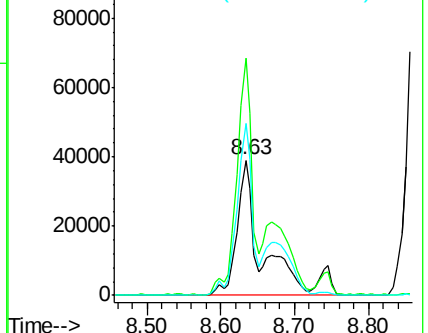
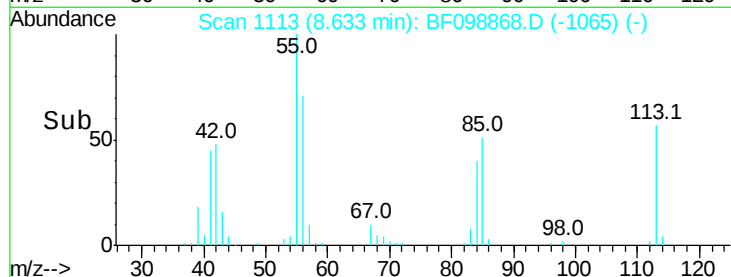
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.584 ng/mL

RT: 8.75 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

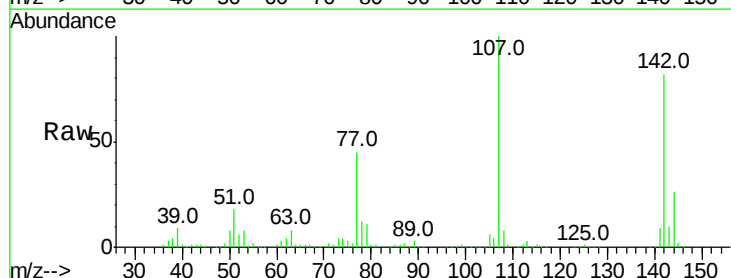
Tgt Ion:107 Resp: 343494

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

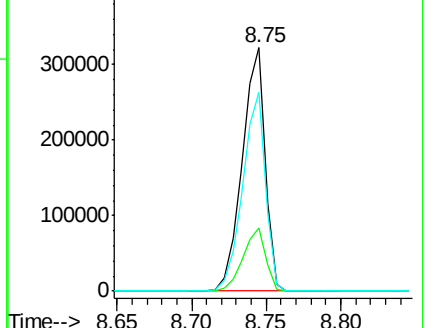
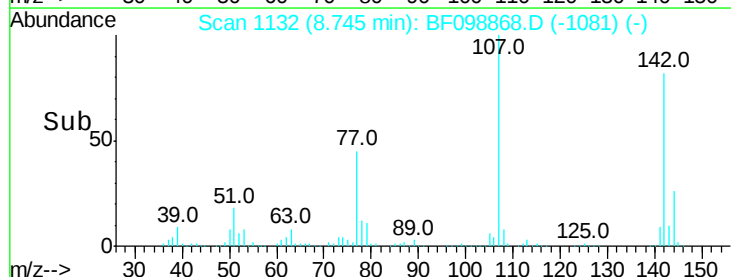
142 81.6 62.0 93.0

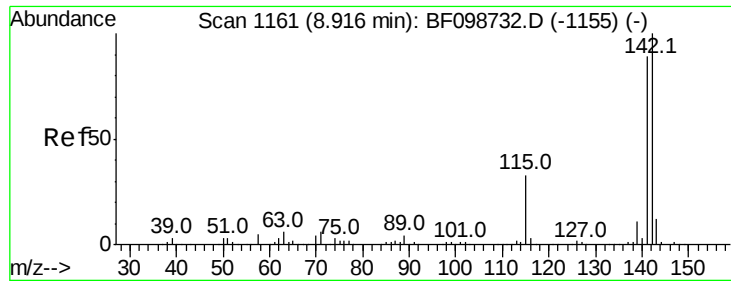


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





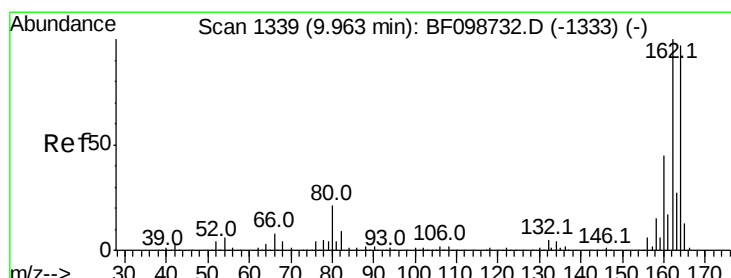
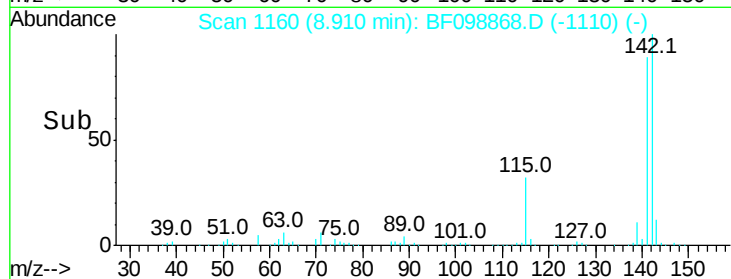
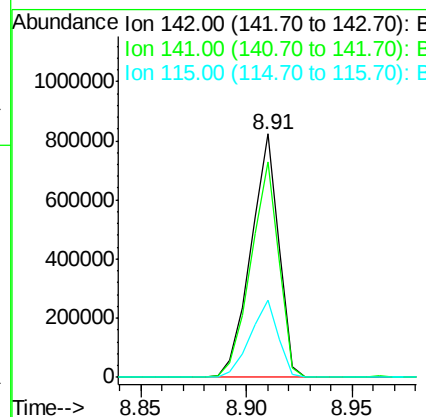
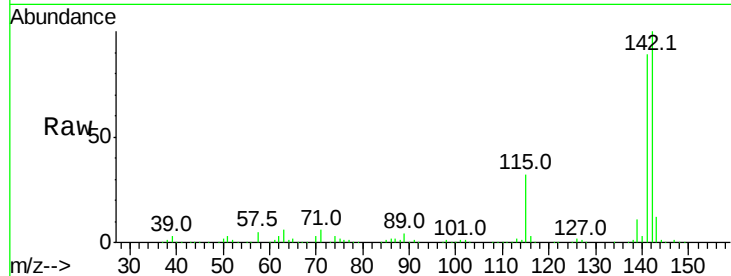
#37
2-Methylnaphthalene
Concen: 46.372 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	31.9	26.1	39.1

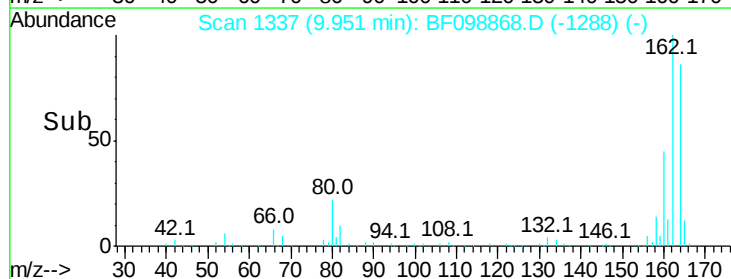
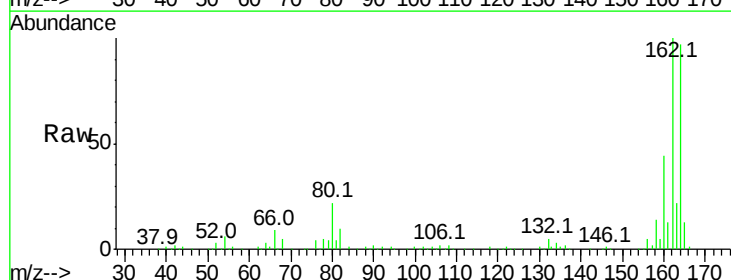
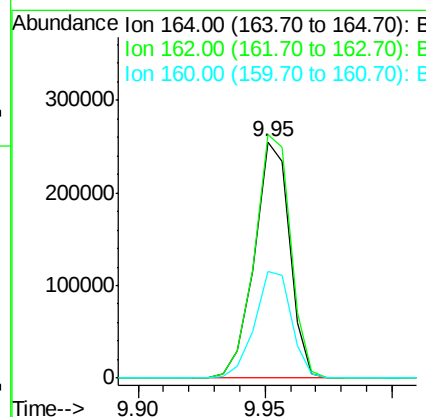
Manual Integrations
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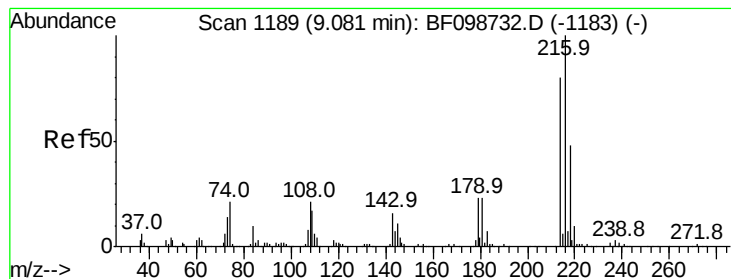
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	45.4	38.3	57.5





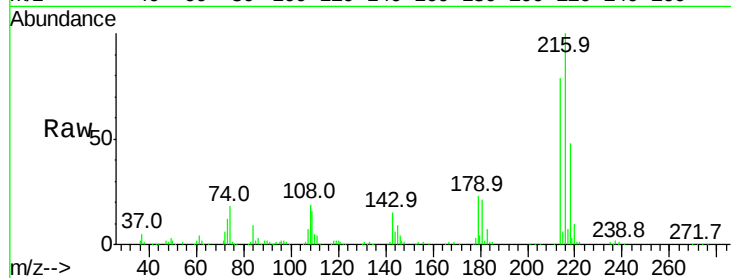
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.237 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

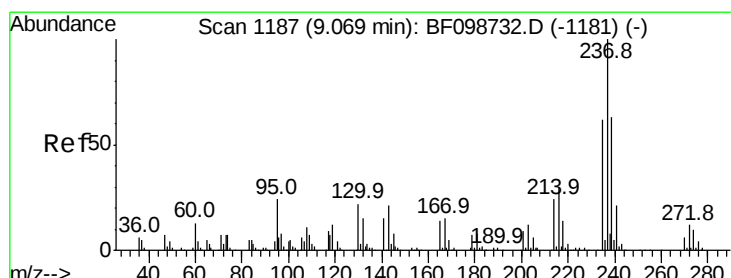
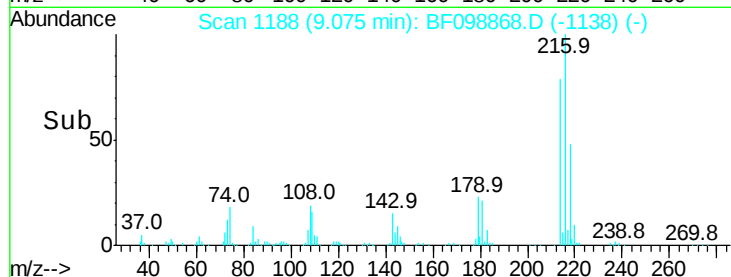
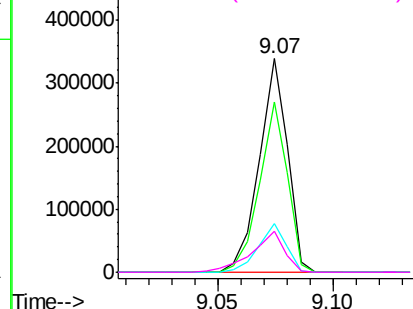
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.0	94.4
179	22.5	18.1	27.1
108	21.9	17.2	25.8

Manual Integrations
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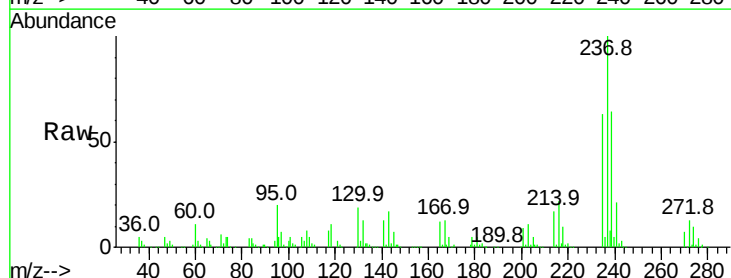


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

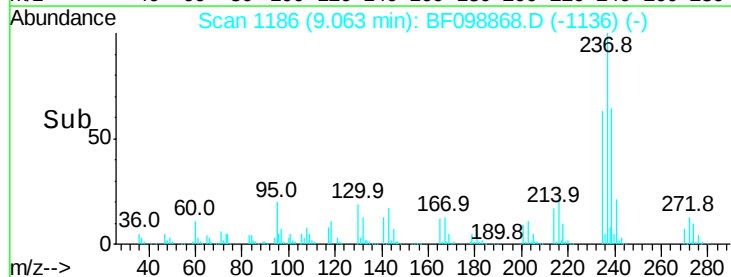
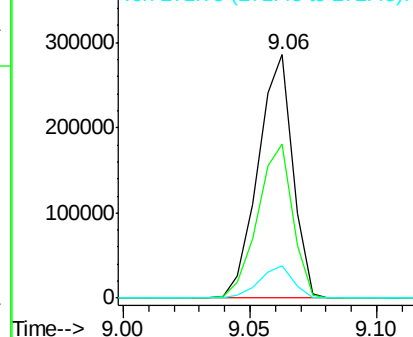


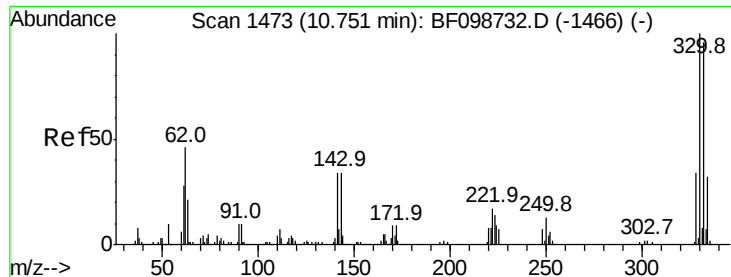
#40
 Hexachlorocyclopentadiene
 Concen: 80.293 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	44.8	84.8
272	13.3	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 134.487 ng

RT: 10.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

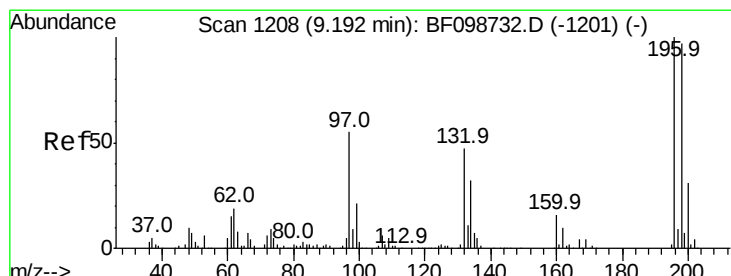
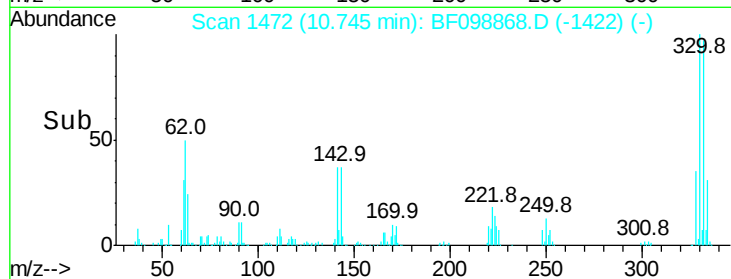
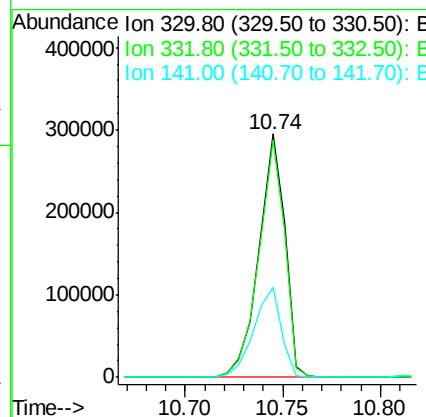
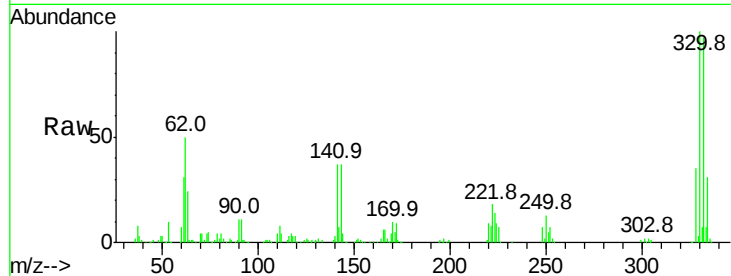
ClientSampleId :

JC-DRUMMS

Tot Ion:	330	Resp:	273335
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.0	115.6
141	39.2	29.9	44.9

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 41.635 ng

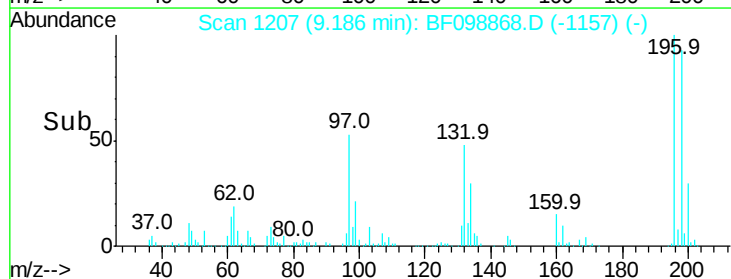
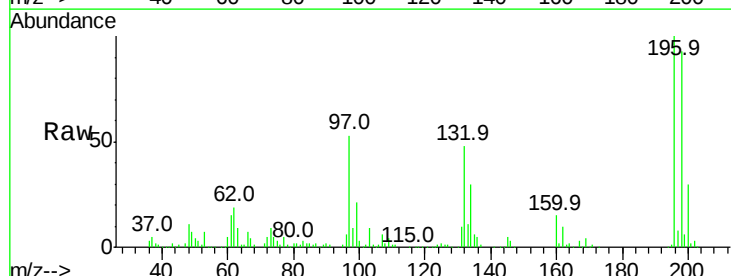
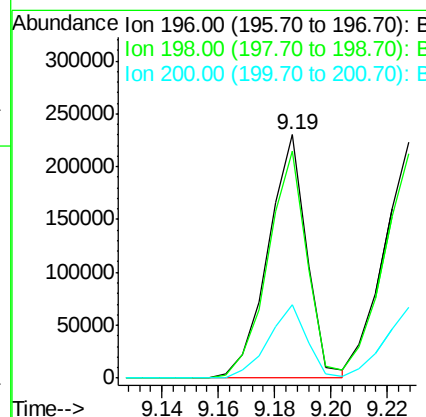
RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion:	196	Resp:	218483
Ion Ratio	Lower	Upper	
196	100		
198	93.2	75.7	113.5
200	30.4	24.5	36.7





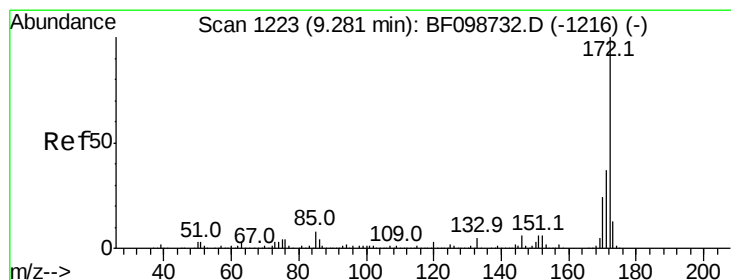
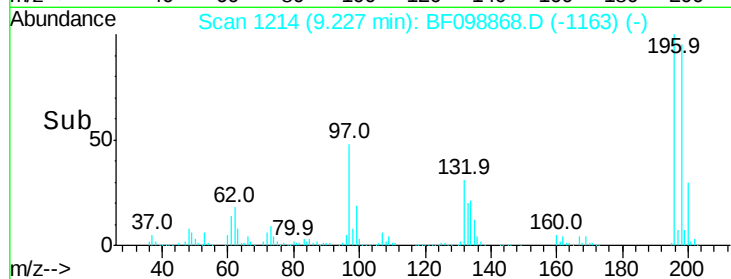
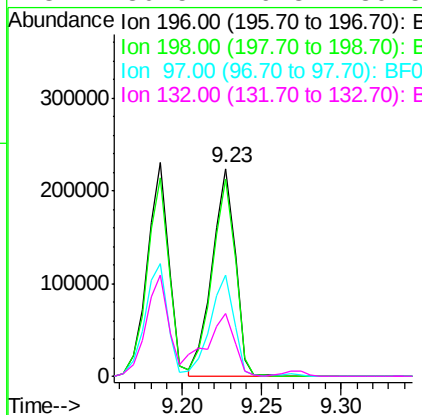
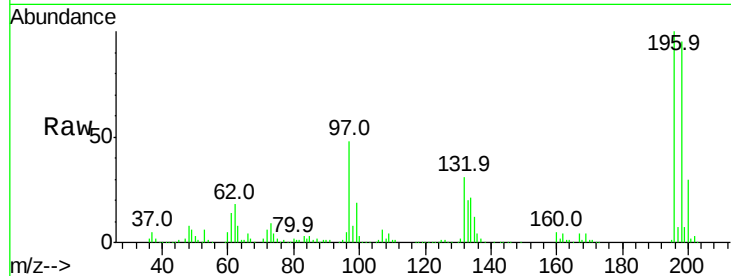
#43
 2,4,5-Trichlorophenol
 Concen: 43.771 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	229292		
198	94.8	74.6	112.0	
97	48.4	42.9	64.3	
132	30.5	26.3	39.5	

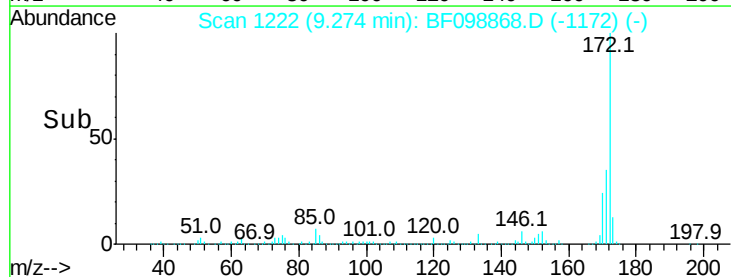
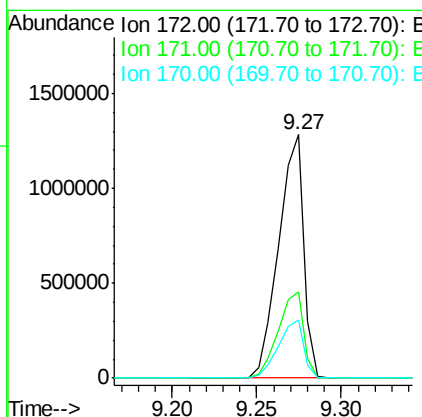
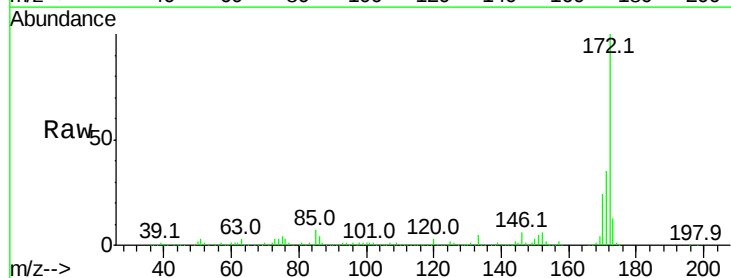
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 88.874 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1322292		
171	35.4	29.7	44.5	
170	23.8	19.6	29.4	





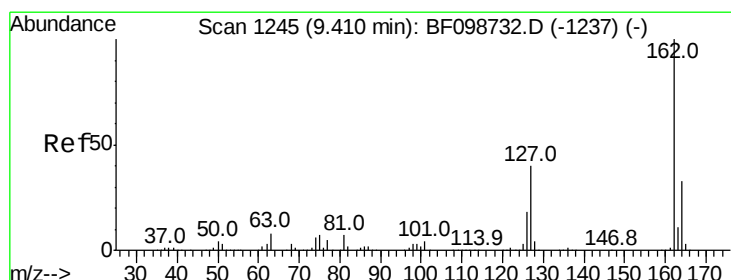
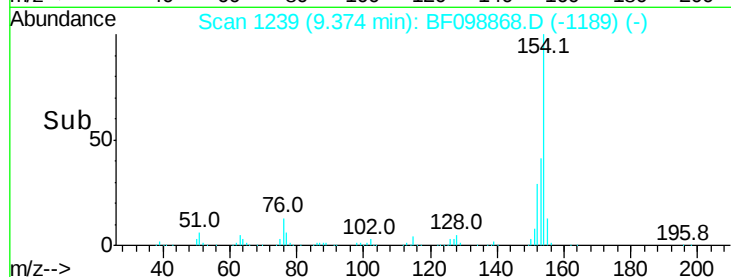
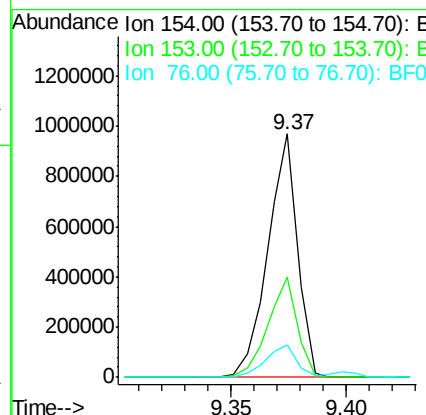
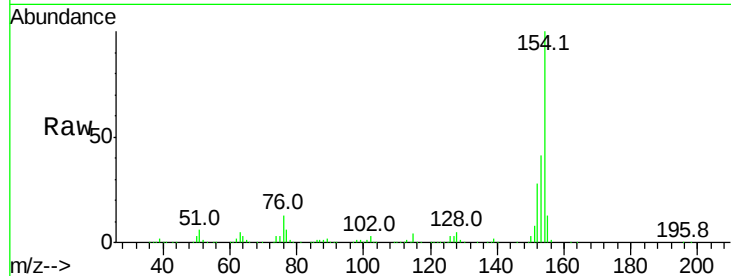
#45
 1,1'-Biphenyl
 Concen: 40.391 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	862211		
153	41.2	21.3	61.3	
76	13.3	0.0	34.0	

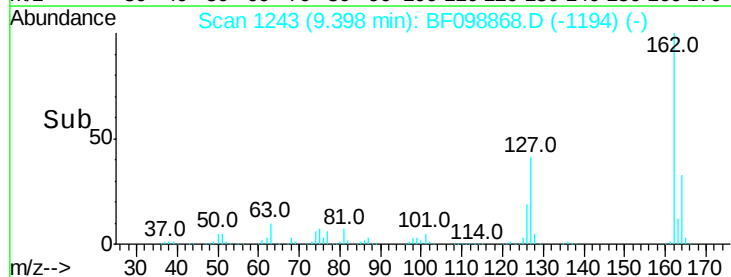
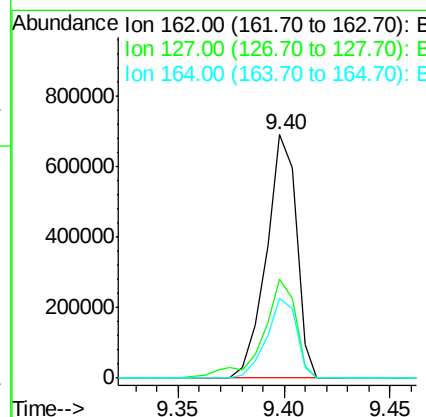
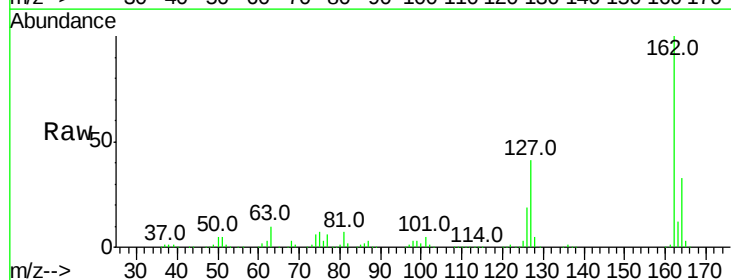
Manual Integrations
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#46
 2-Chloronaphthalene
 Concen: 42.822 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	686330		
127	40.8	33.9	50.9	
164	32.6	26.5	39.7	





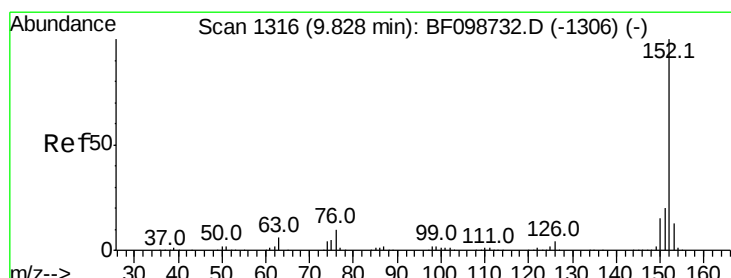
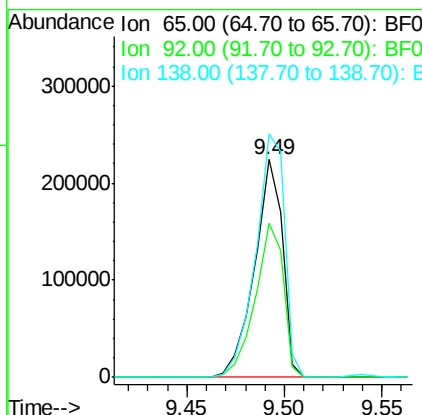
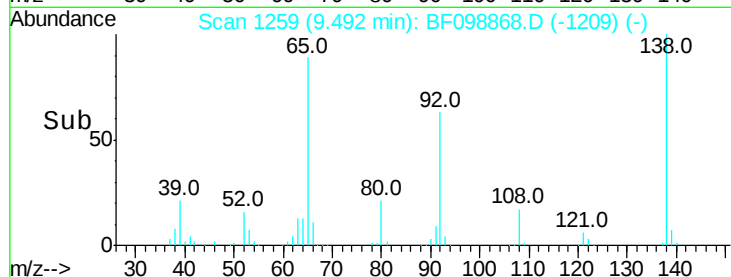
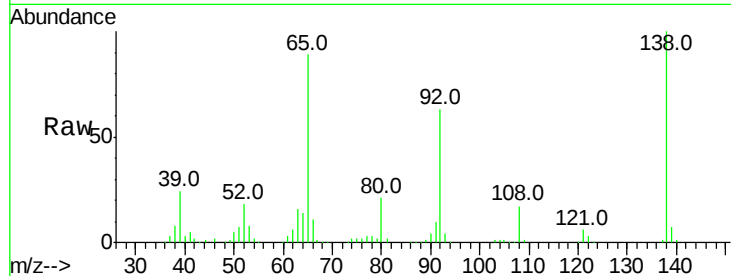
#47
2-Nitroaniline
Concen: 45.344 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	55.8	83.6
138	111.8	91.2	136.8

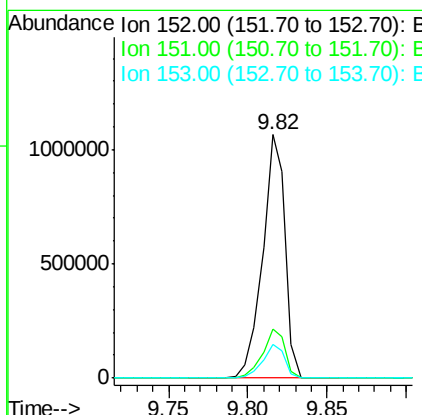
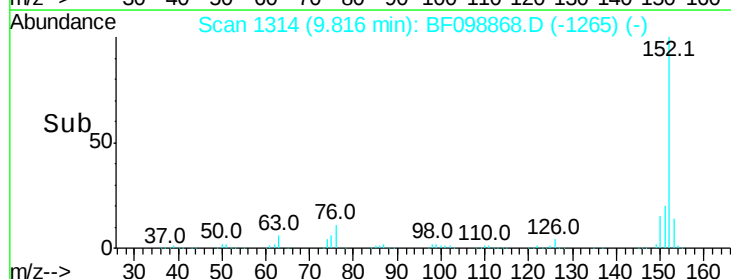
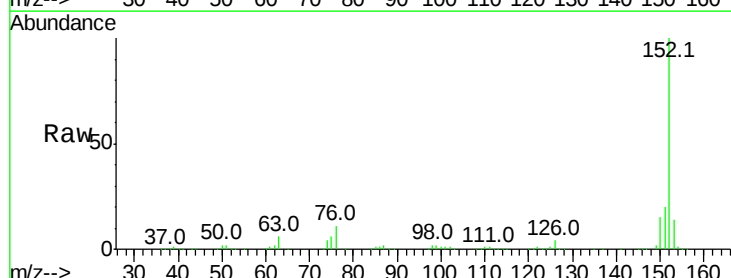
Manual Integrations
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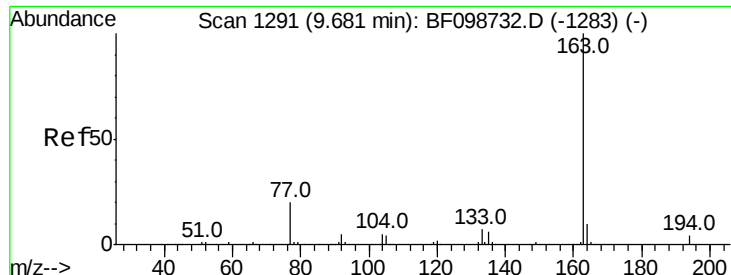
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#48
Acenaphthylene
Concen: 42.975 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.7	10.7	16.1





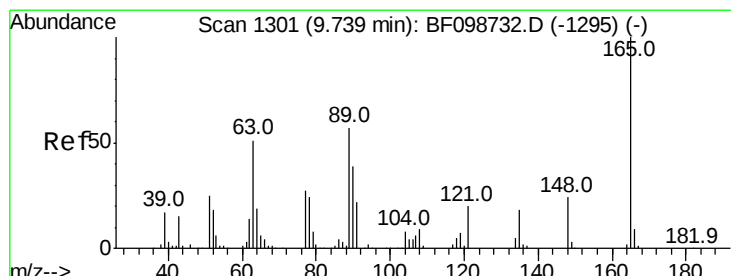
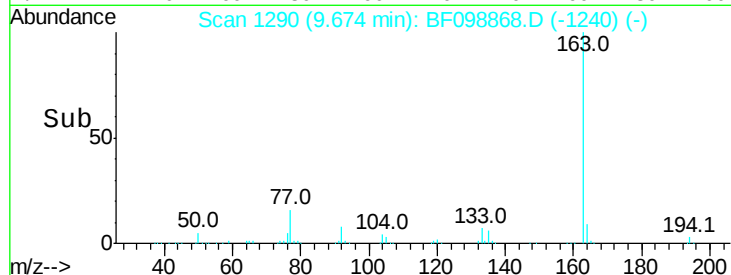
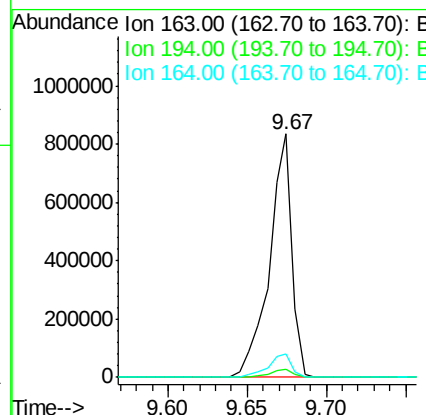
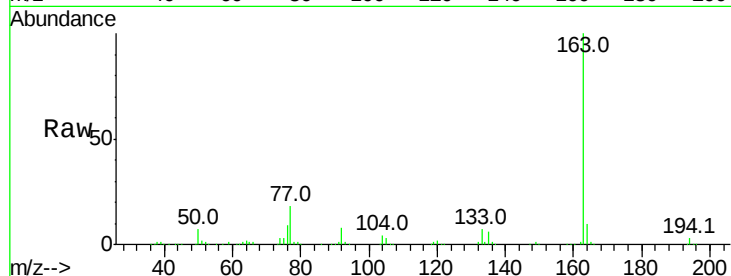
#49
 Dimethylphthalate
 Concen: 44.189 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	828376		
194	3.4	2.7	4.1	
164	9.7	8.2	12.2	

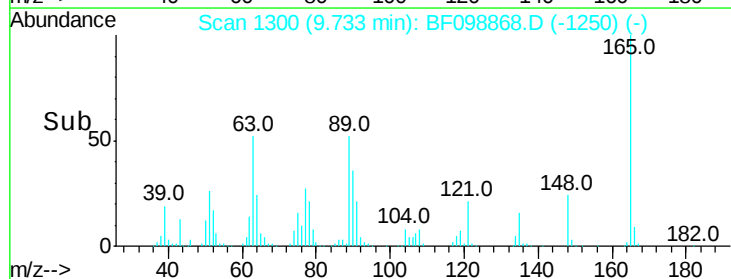
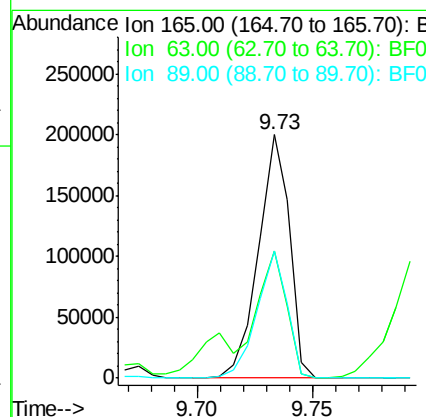
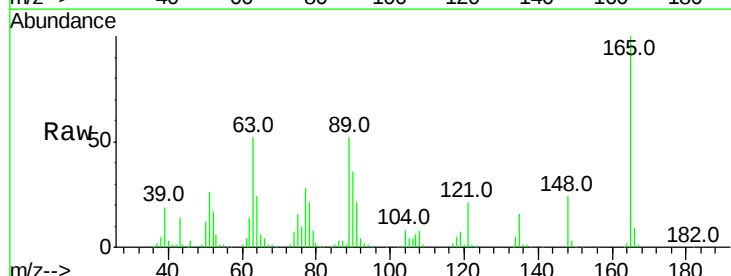
Manual Integrations
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#50
 2,6-Dinitrotoluene
 Concen: 45.992 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187701		
63	52.3	44.7	67.1	
89	52.5	44.0	66.0	





#51

Acenaphthene

Concen: 45.956 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

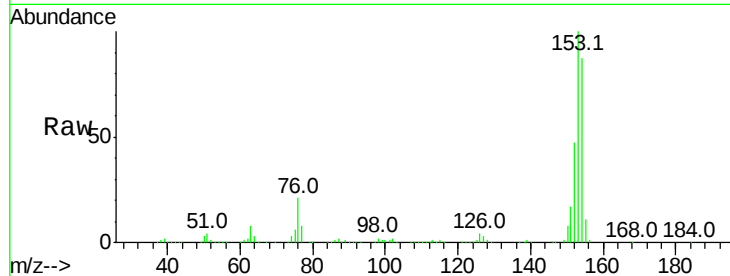
ClientSampleId :

JC-DRUMMS

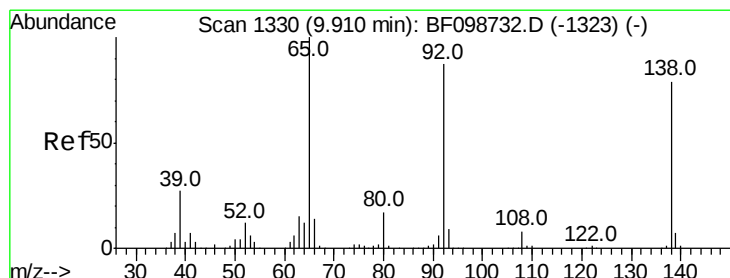
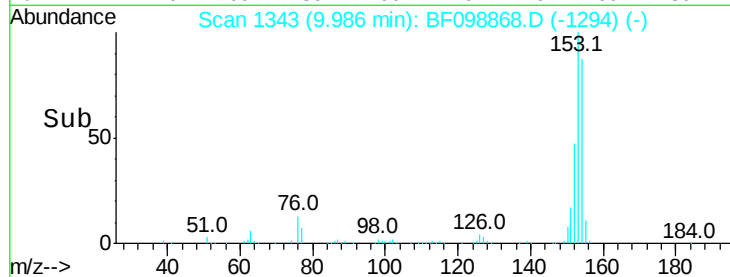
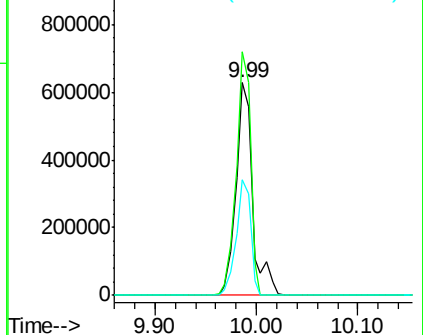
Tot Ion:	154	Resp:	714247
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.2	136.8
152	54.4	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.149 ng

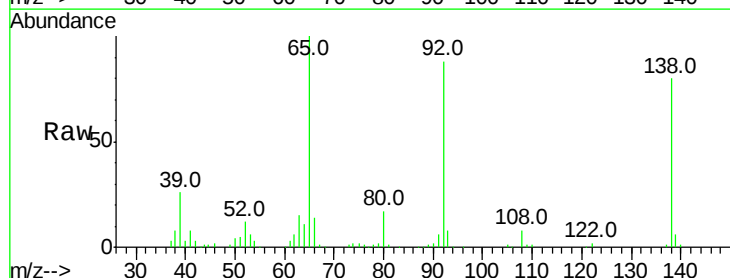
RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

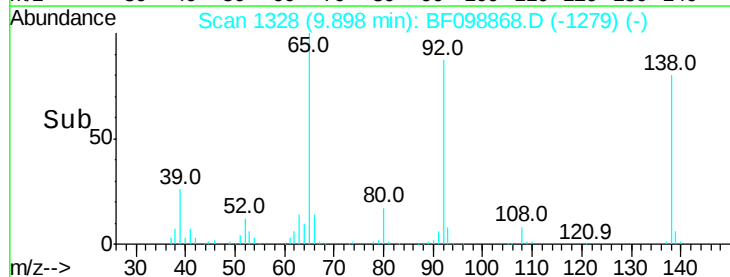
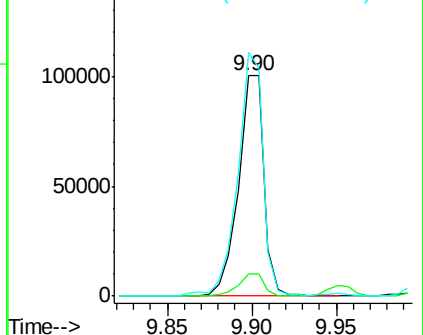
Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion:	138	Resp:	105400
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	110.5	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





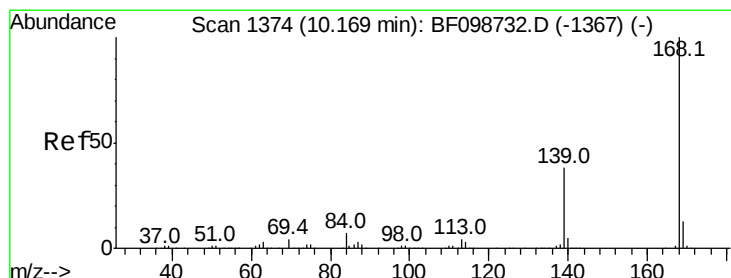
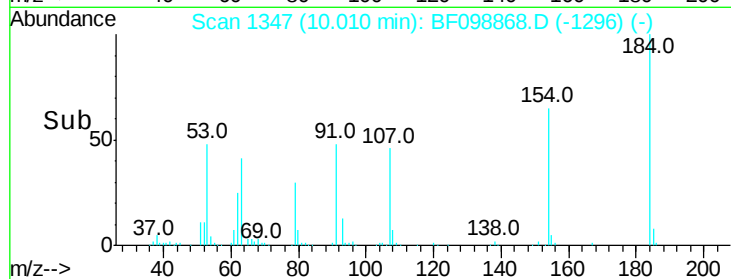
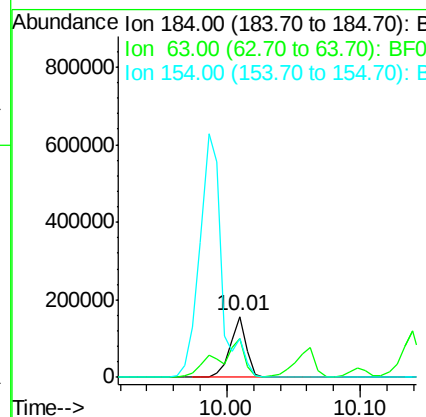
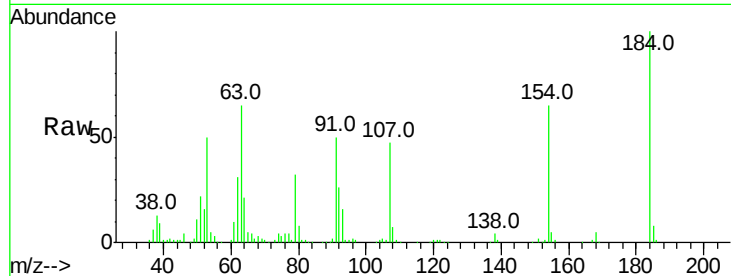
#53
2,4-Dinitrophenol
Concen: 65.209 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	136086		
63	64.7	54.2	81.2	
154	64.8	53.5	80.3	

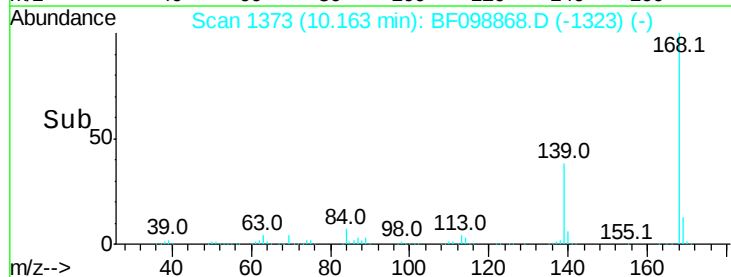
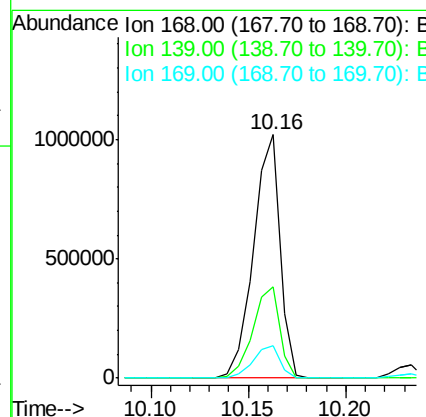
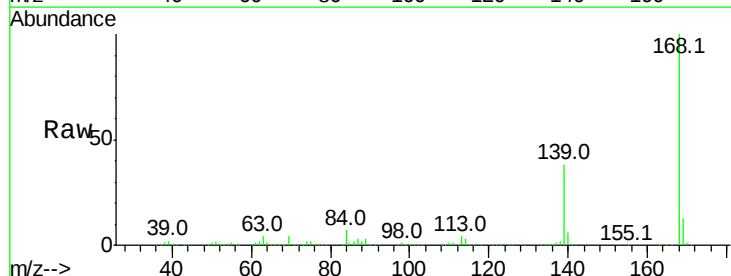
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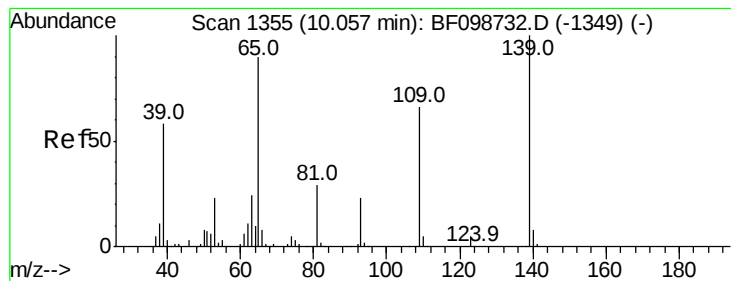
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#54
Dibenzofuran
Concen: 46.365 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	959469		
139	37.7	30.1	45.1	
169	13.4	10.9	16.3	





#55

4-Nitrophenol

Concen: 79.178 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

ClientSampleId :

JC-DRUMMS

Tot Ion:139 Resp: 318596

Ion Ratio Lower Upper

139 100

109 61.6 48.4 88.4

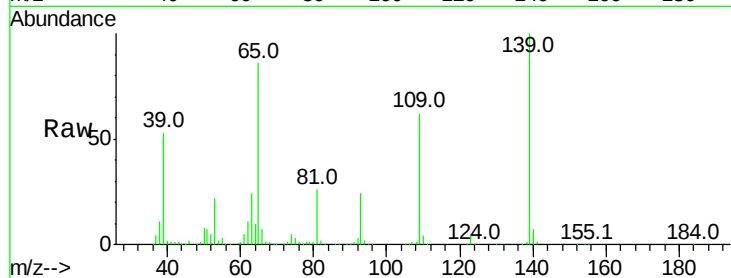
65 85.6 72.6 112.6

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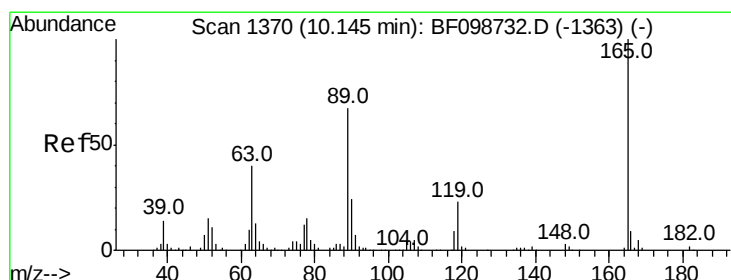
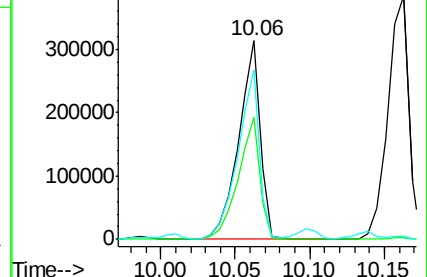
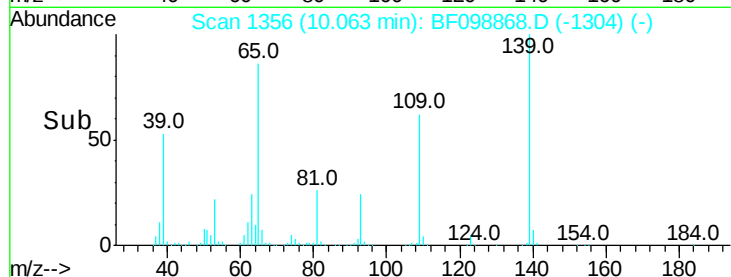
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.086 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion:165 Resp: 259992

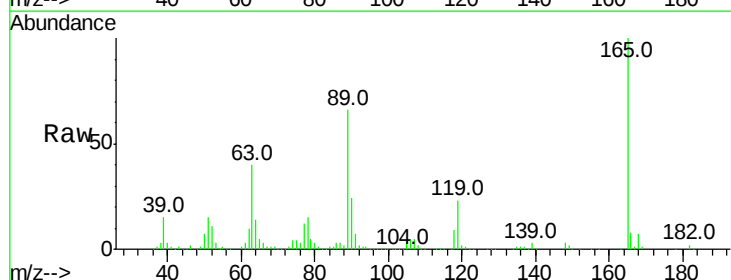
Ion Ratio Lower Upper

165 100

63 40.3 36.4 54.6

89 66.1 57.8 86.6

182 2.1 1.6 2.4

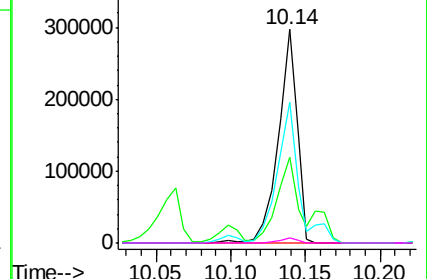
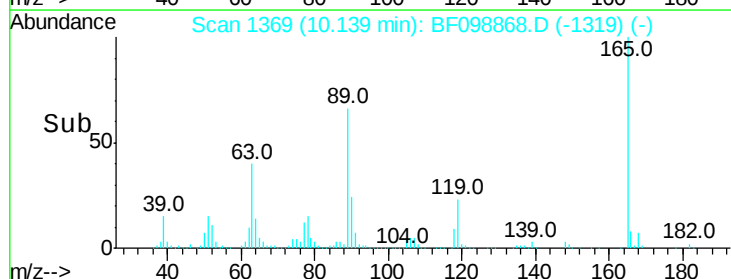


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





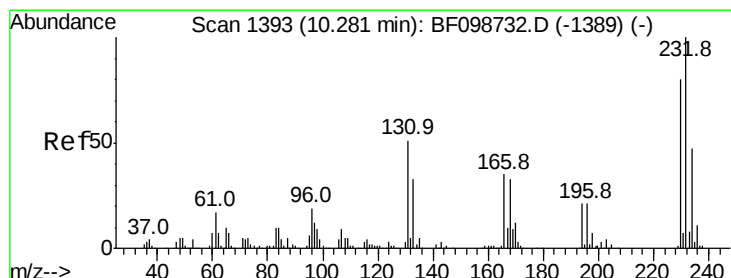
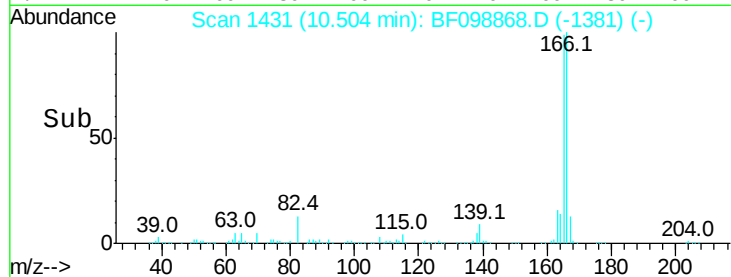
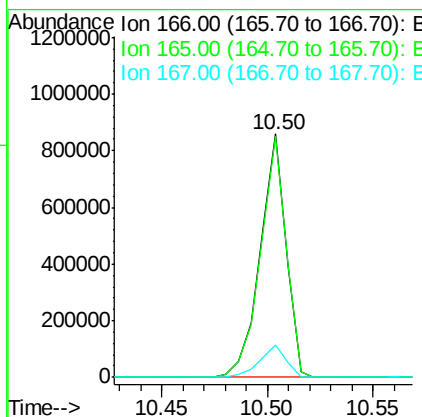
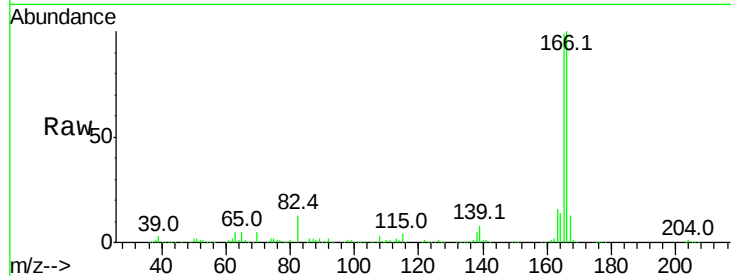
#57
Fluorene
 Concen: 44.036 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	732433		
165	98.8	79.8	119.8	
167	13.4	10.6	16.0	

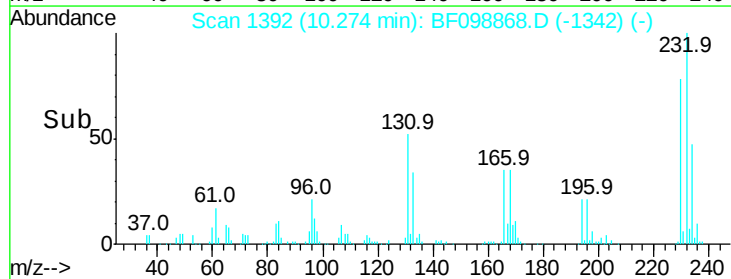
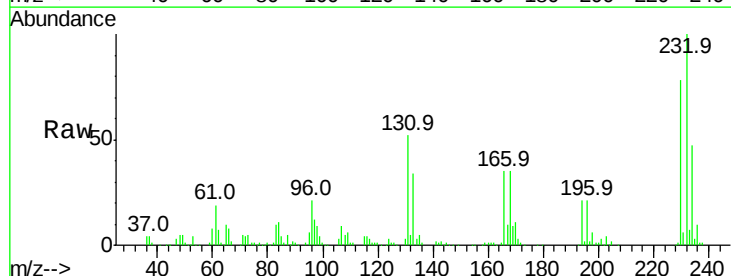
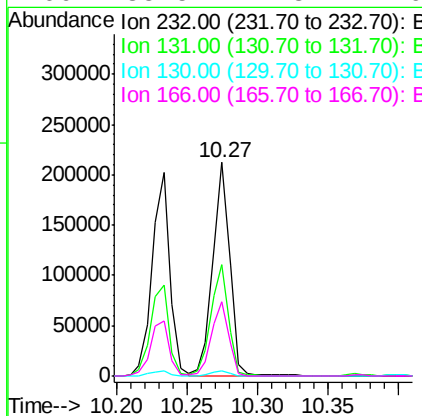
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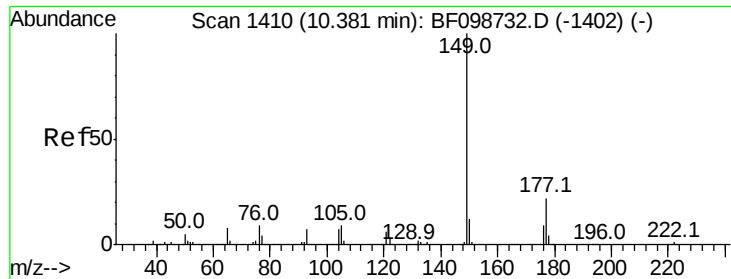
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.683 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	179788		
131	52.9	43.8	65.8	
130	2.7	2.1	3.1	
166	35.5	27.8	41.6	





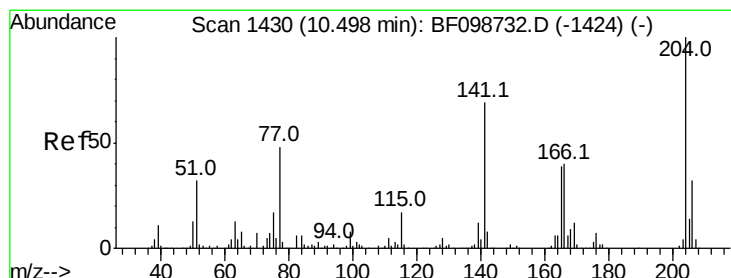
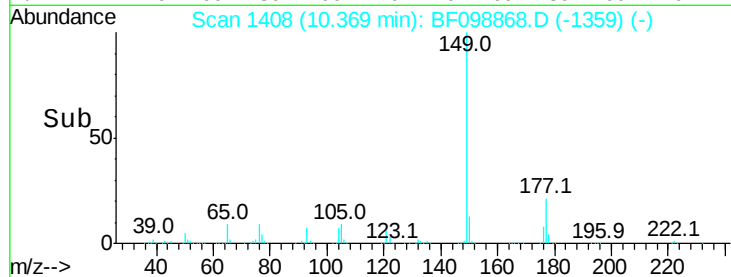
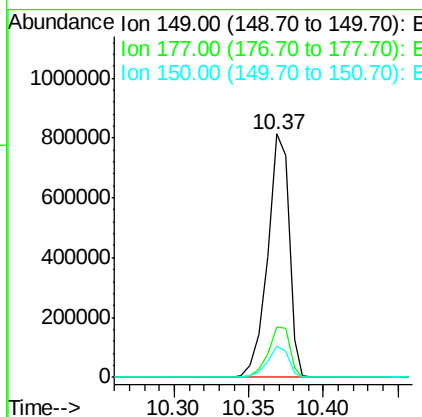
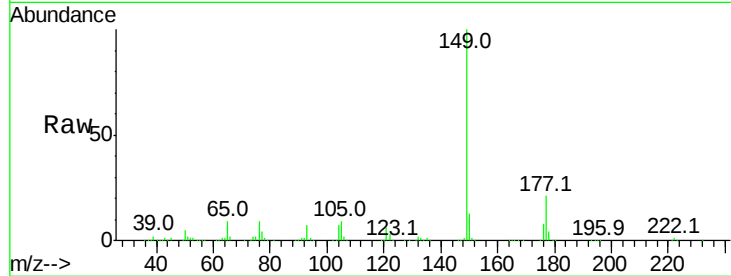
#59
Diethylphthalate
Concen: 44.011 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampled :
JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	806186		
177	20.8	16.1	24.1	
150	12.8	10.1	15.1	

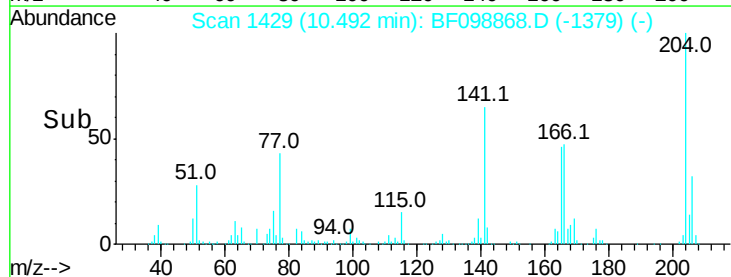
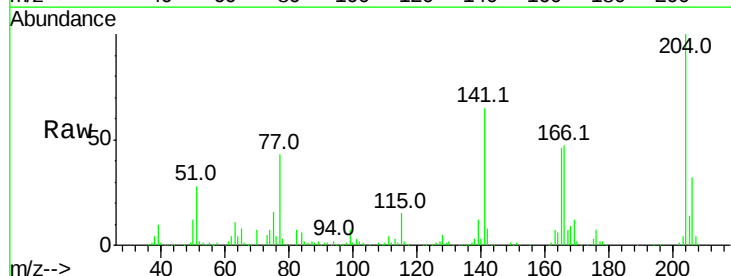
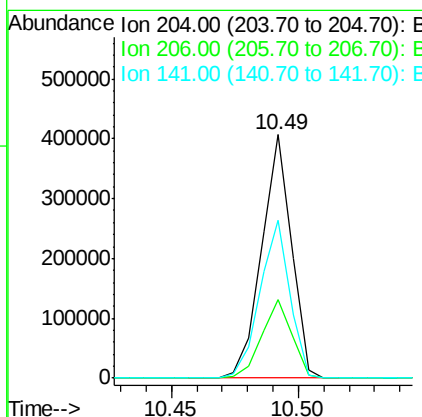
Manual Integrations
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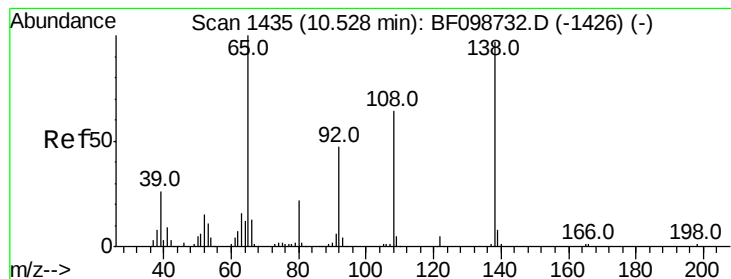
Sohil
9/28/2017 2:32:16 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.438 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	332019		
206	32.4	26.5	39.7	
141	64.7	54.6	81.8	





#61

4-Nitroaniline

Concen: 45.050 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

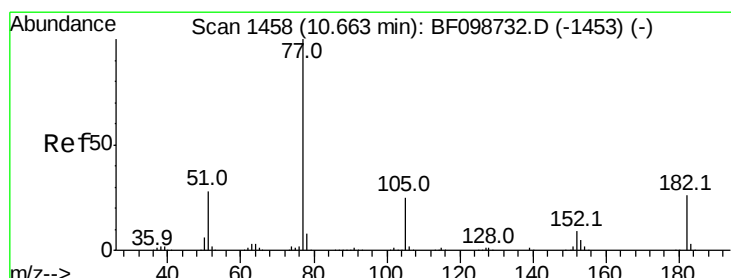
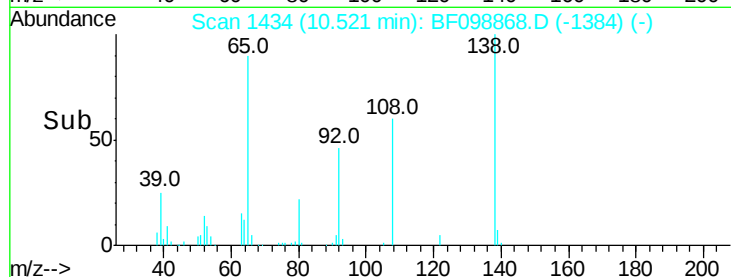
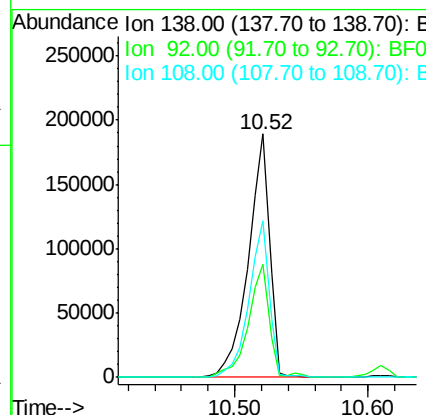
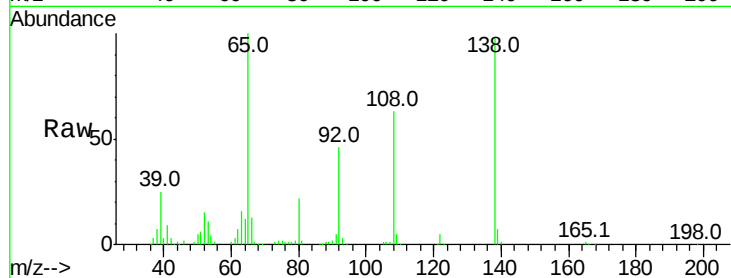
ClientSampleId :

JC-DRUMMS

Tot Ion:	138	Resp:	206823
Ion Ratio	Lower	Upper	
138	100		
92	46.4	30.2	70.2
108	64.1	52.5	92.5

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#62

Azobenzene

Concen: 46.207 ng

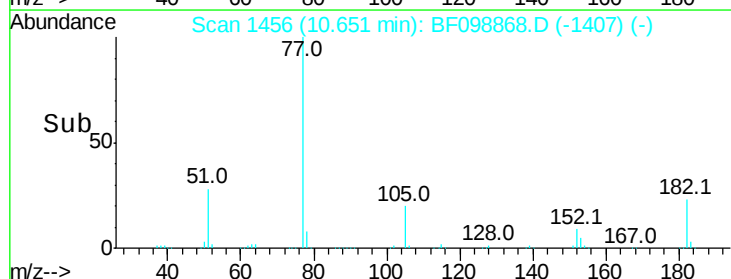
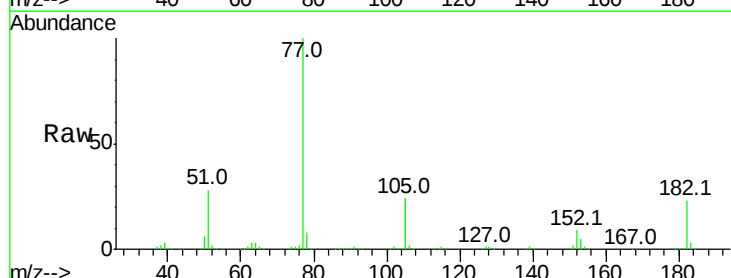
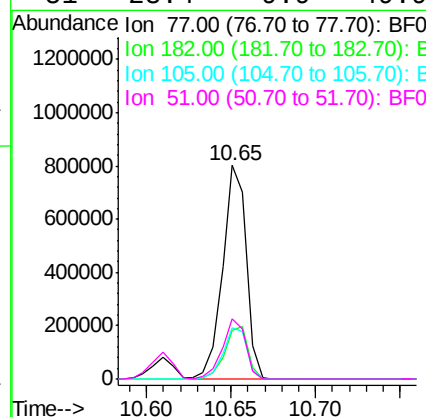
RT: 10.65 min Scan# 1456

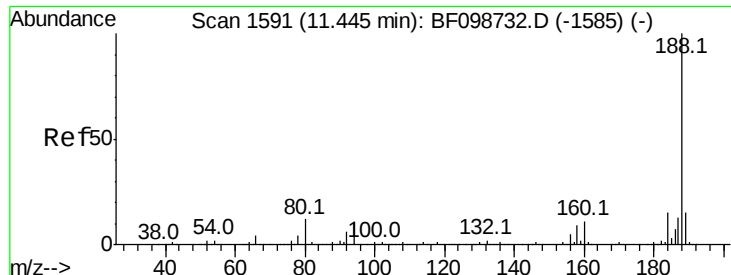
Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion:	77	Resp:	778263
Ion Ratio	Lower	Upper	
77	100		
182	22.7	1.7	41.7
105	24.2	3.0	43.0
51	28.4	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

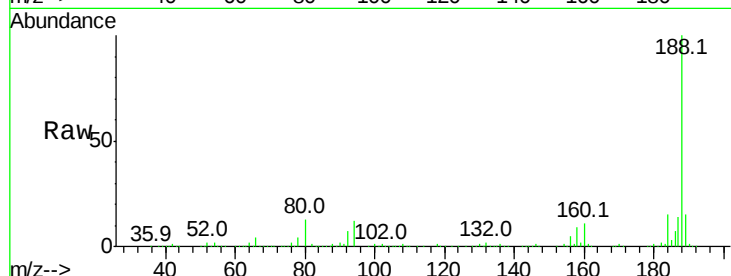
ClientSampleId :

JC-DRUMMS

Tot Ion:	188	Resp:	456791
Ion Ratio	Lower	Upper	
188	100		
94	12.0	8.5	12.7
80	12.7	9.2	13.8

Manual Integrations
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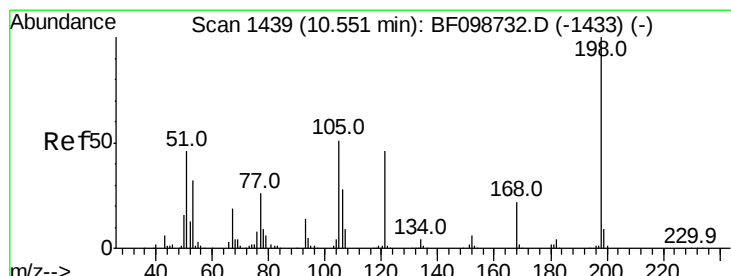
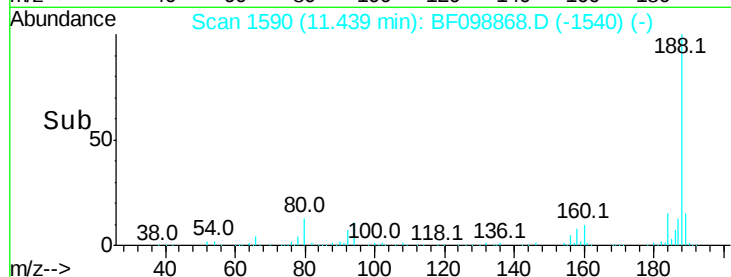
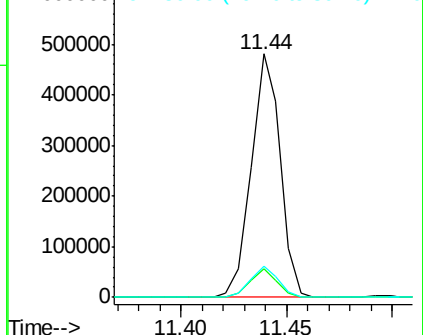
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.378 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF098868.D

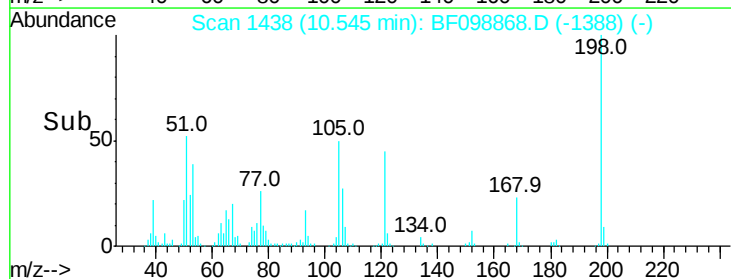
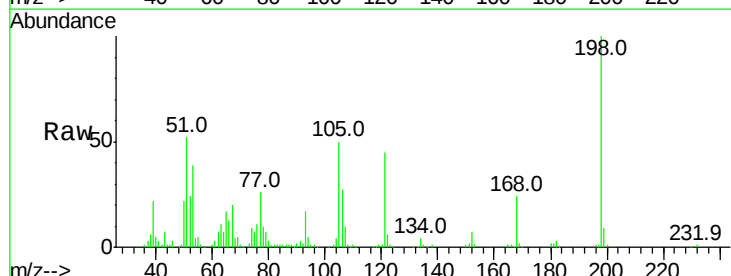
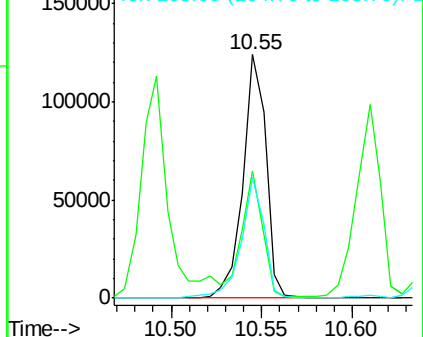
Acq: 27 Sep 2017 17:45

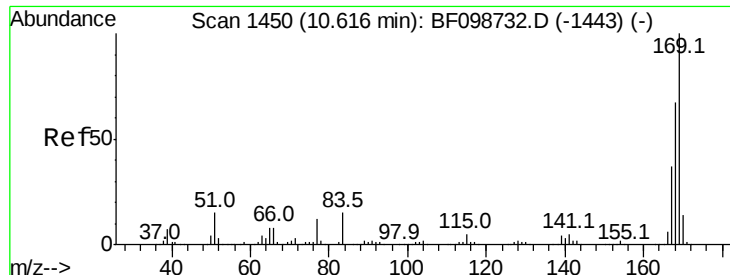
Tgt Ion:	198	Resp:	109442
Ion Ratio	Lower	Upper	
198	100		
51	52.2	37.7	77.7
105	49.8	36.3	76.3

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





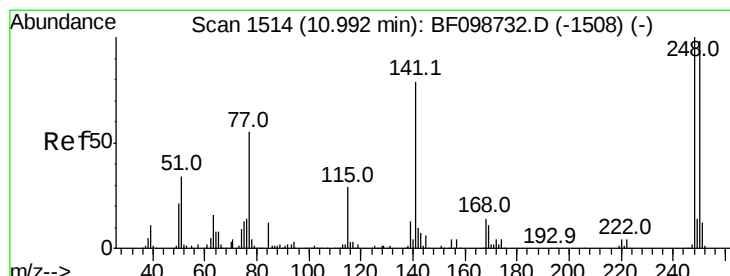
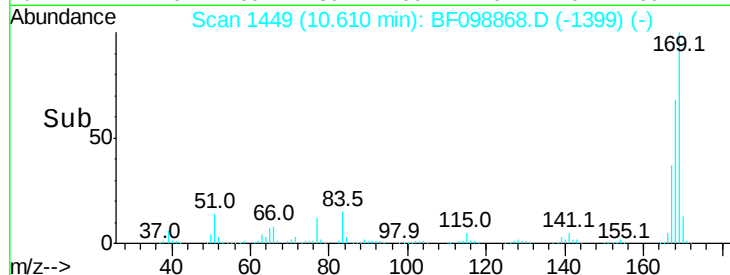
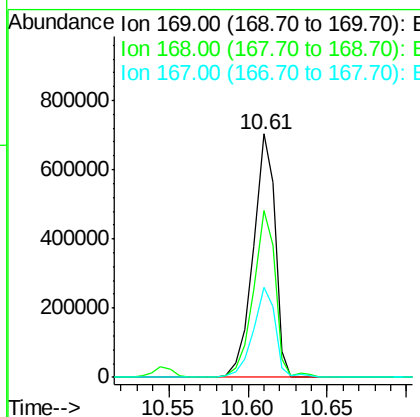
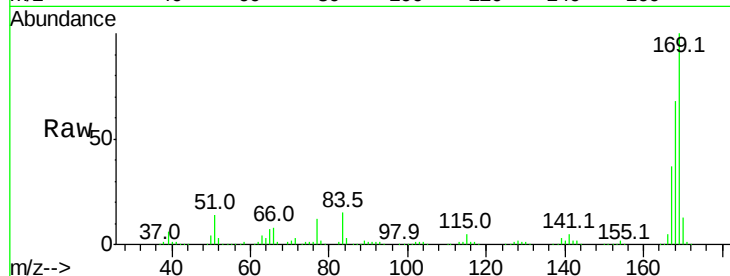
#65
 n-Nitrosodiphenylamine
 Concen: 42.638 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	674733		
168	68.3		54.4	81.6
167	37.2		29.8	44.6

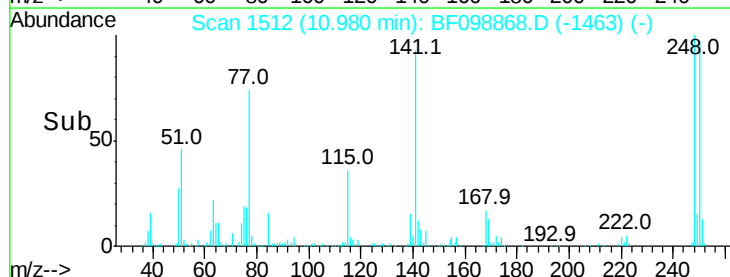
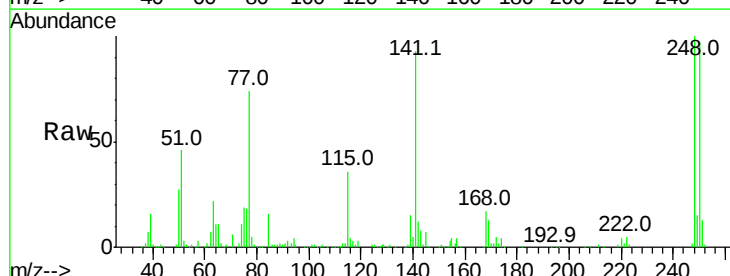
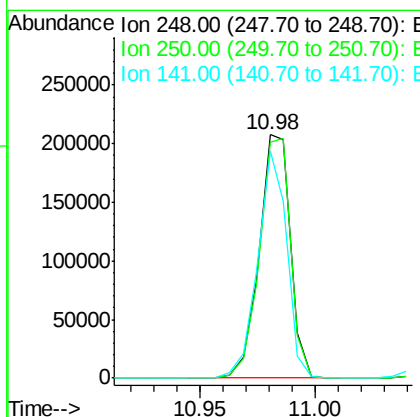
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#66
 4-Bromophenyl-phenylether
 Concen: 43.753 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	195628		
250	96.8		76.9	115.3
141	93.4		74.4	111.6





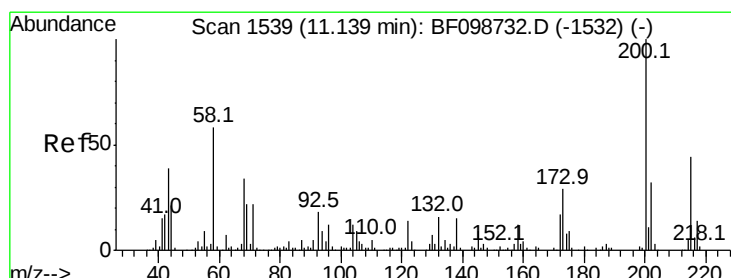
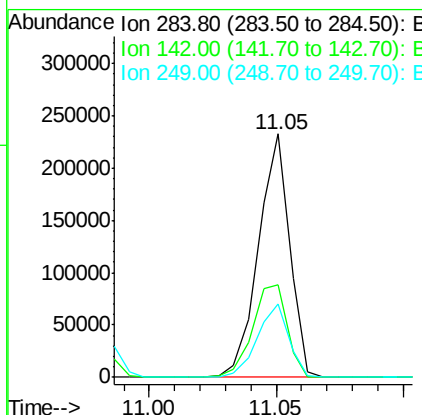
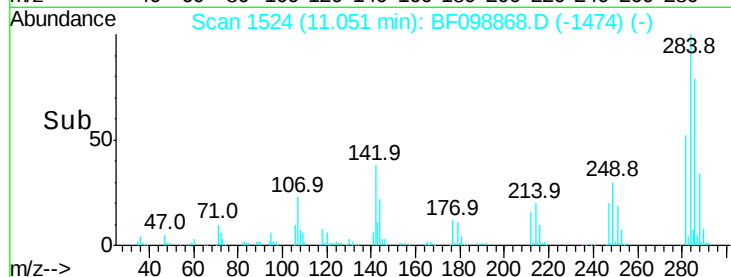
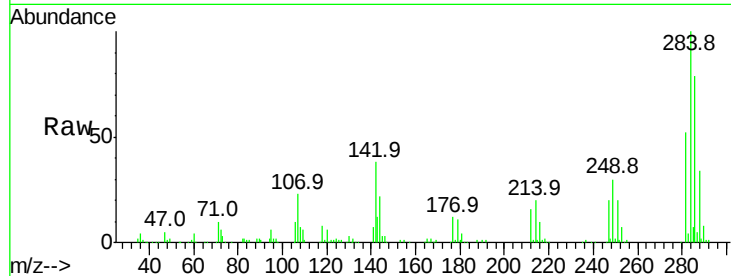
#67
Hexachlorobenzene
Concen: 42.062 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	38.1	34.6	52.0	
249	29.9	24.8	37.2	

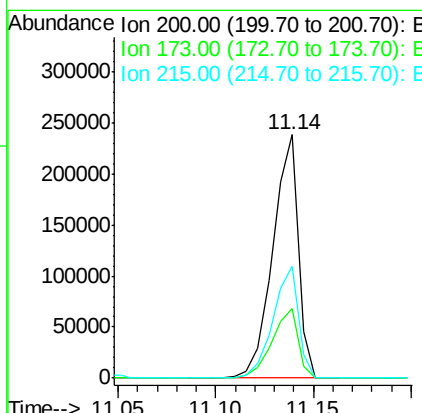
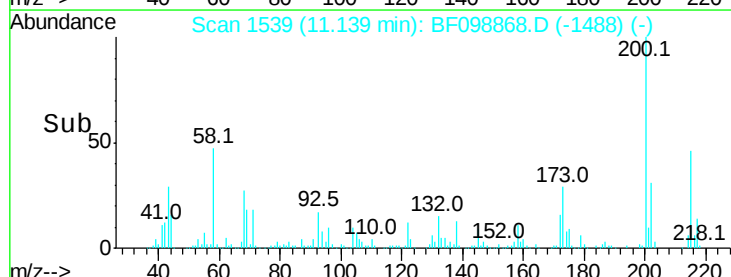
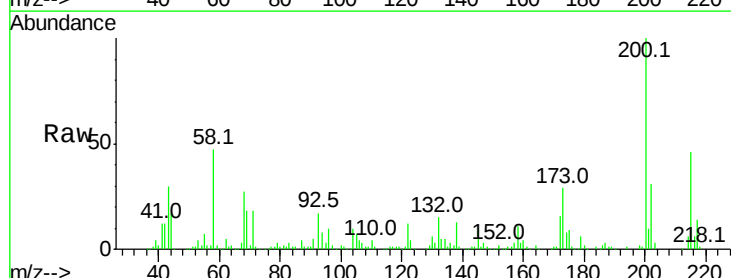
Manual Integrations
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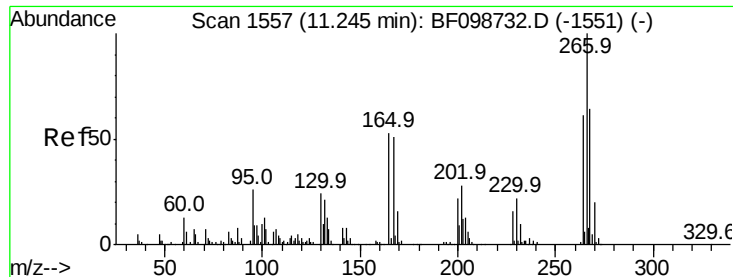
Sohil
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#68
Atrazine
Concen: 45.307 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.5	8.6	48.6	
215	45.7	25.1	65.1	





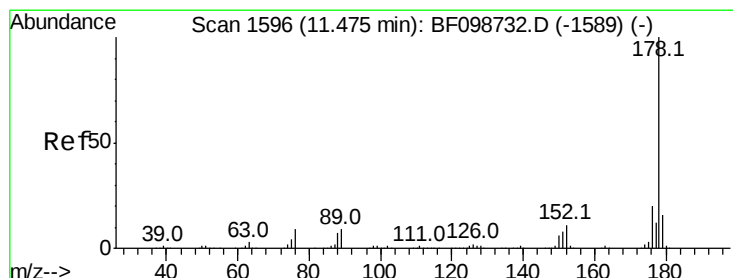
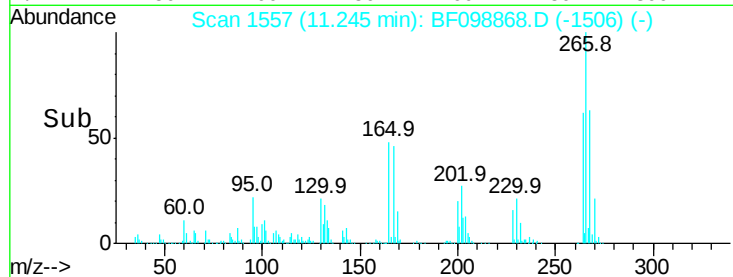
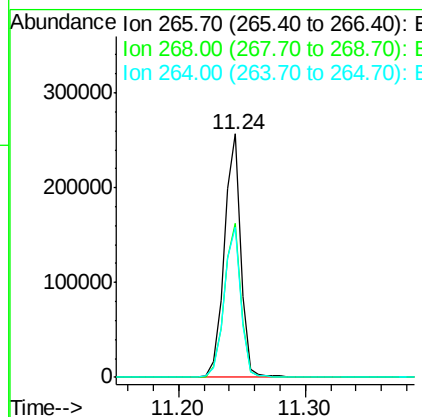
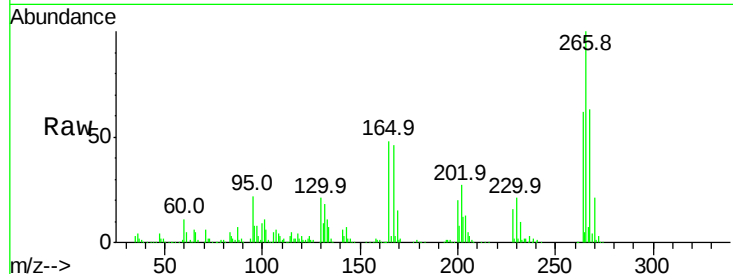
#69
 Pentachlorophenol
 Concen: 78.897 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	234487		
268	63.2	51.1	76.7	
264	61.7	49.5	74.3	

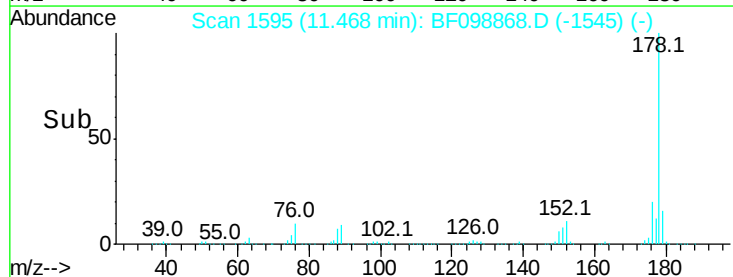
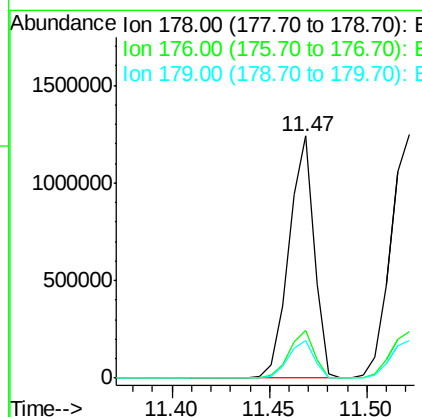
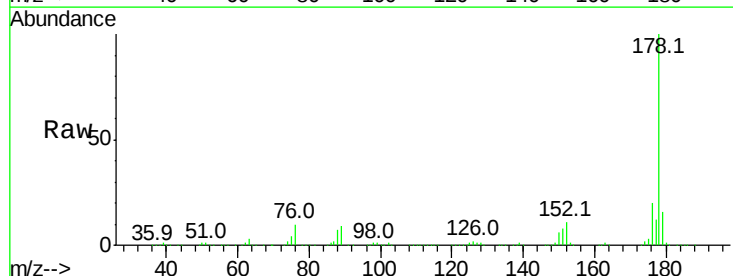
Manual Integrations
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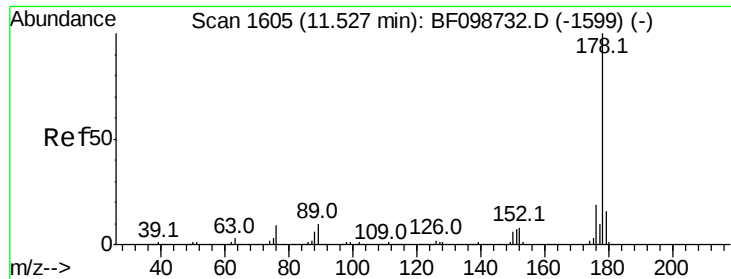
Sohil
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#70
 Phenanthrene
 Concen: 45.296 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1107533		
176	20.0	15.8	23.8	
179	15.6	13.0	19.6	





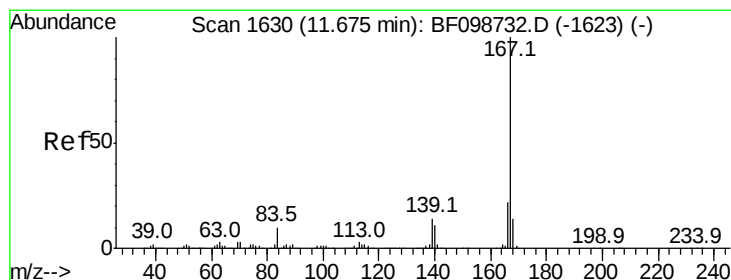
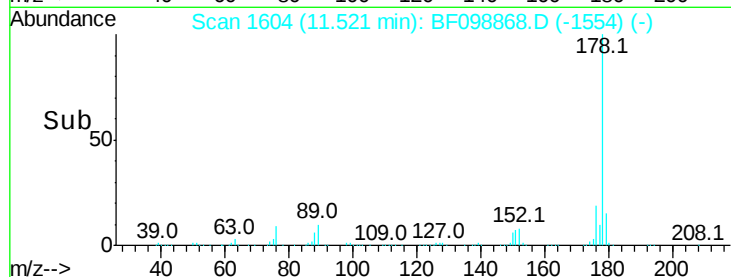
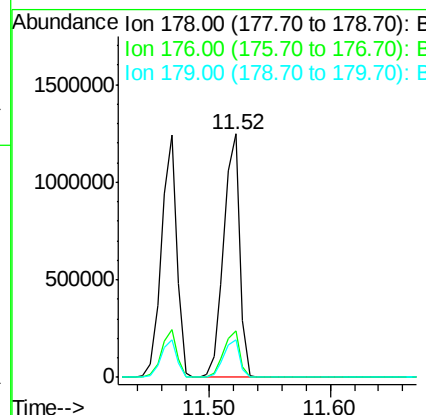
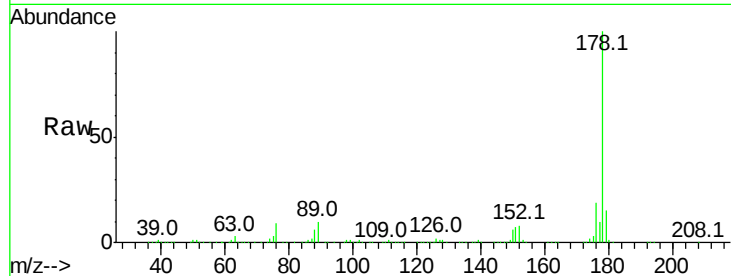
#71
 Anthracene
 Concen: 45.301 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Tot Ion:178 Resp: 1133319
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.5 12.6 19.0

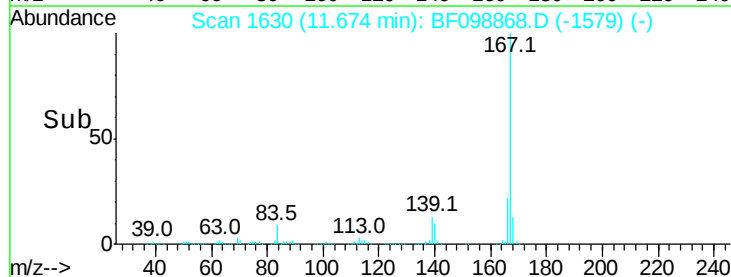
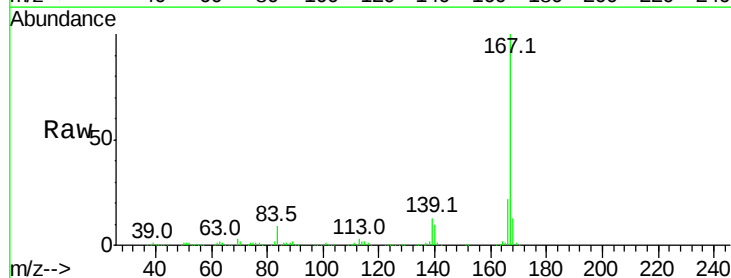
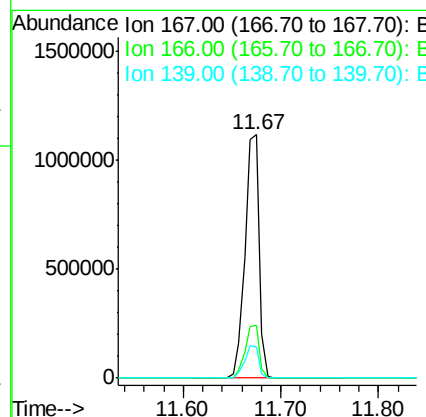
Manual Integrations
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#72
 Carbazole
 Concen: 45.633 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion:167 Resp: 1117967
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.7 10.9 16.3





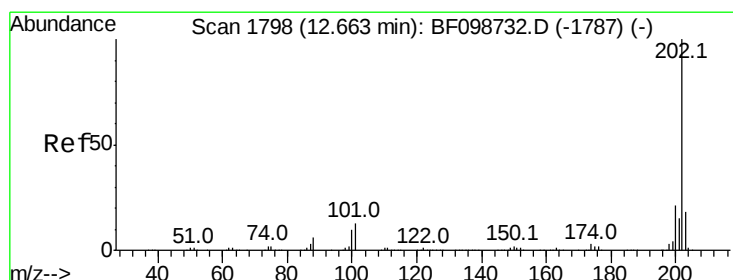
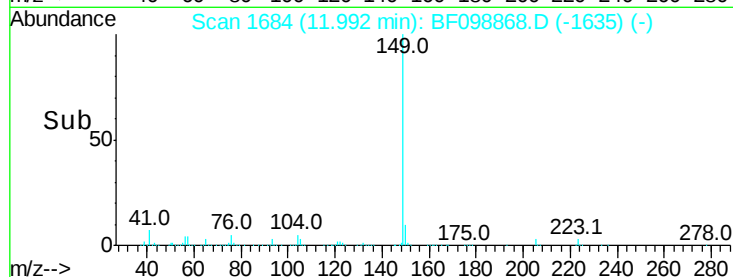
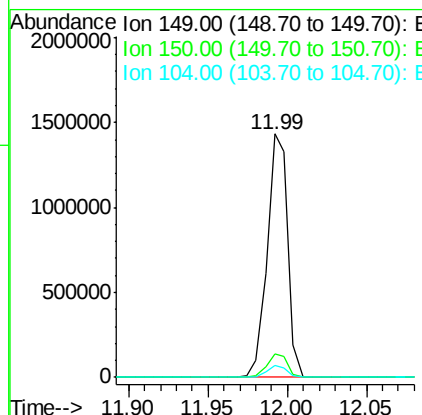
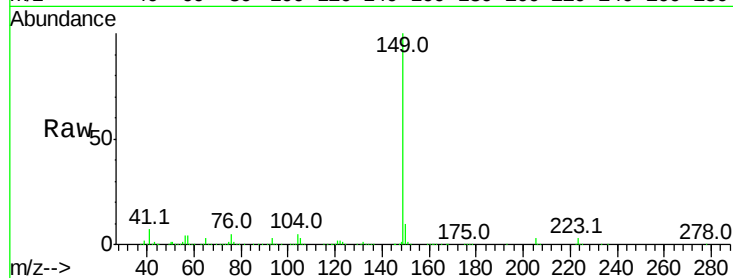
#73
Di-n-butylphthalate
Concen: 44.039 ng
RT: 11.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.7	3.8	5.8

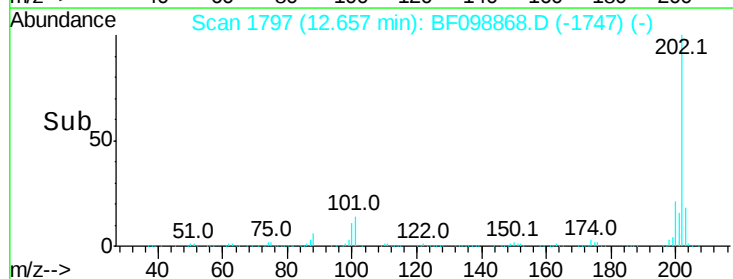
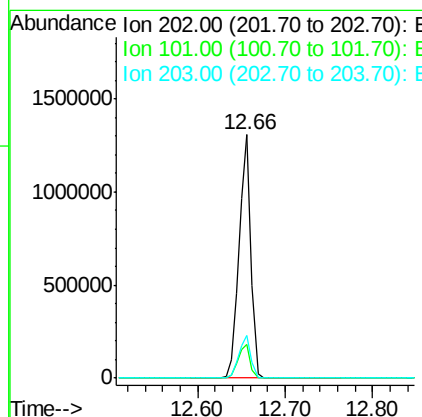
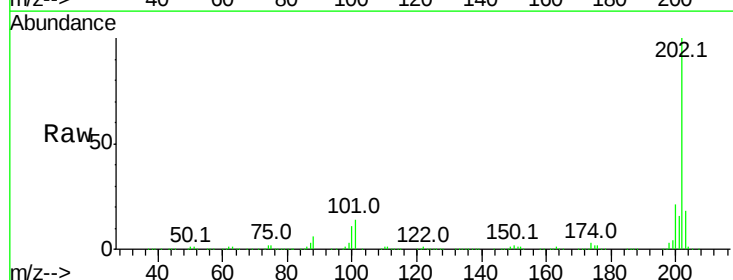
Manual Integrations
APPROVED

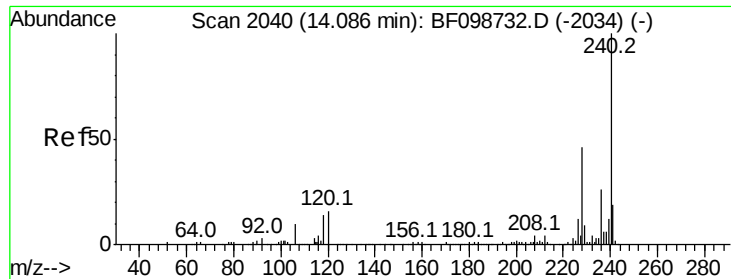
Sohil
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#74
Fluoranthene
Concen: 48.093 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

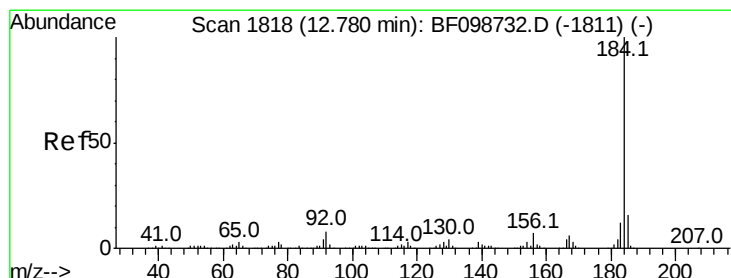
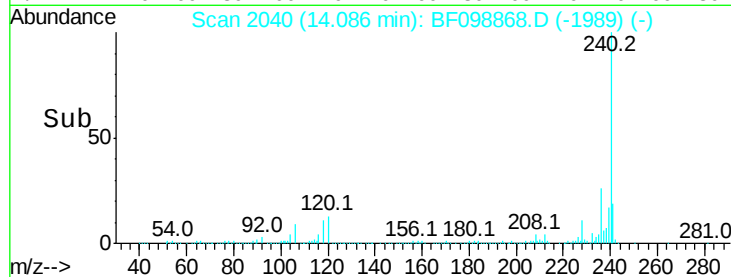
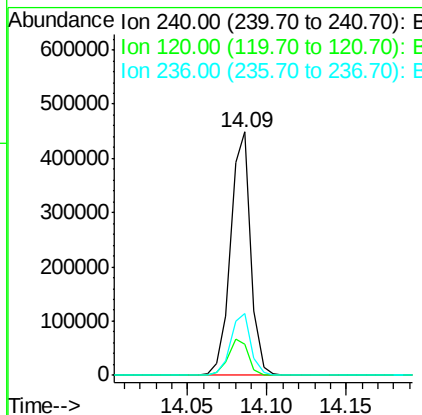
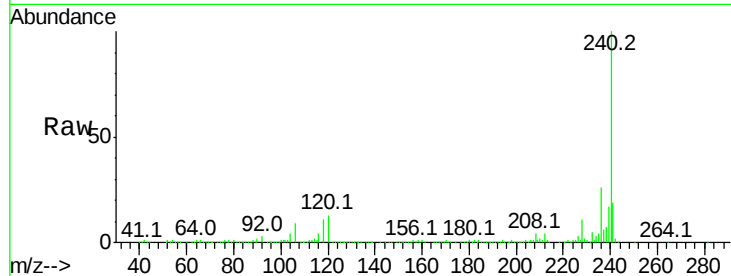
ClientSampleId :

JC-DRUMMS

Tot Ion:	240	Resp:	393957
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 22.813 ng

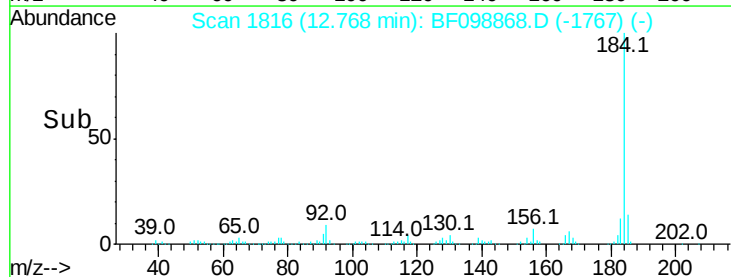
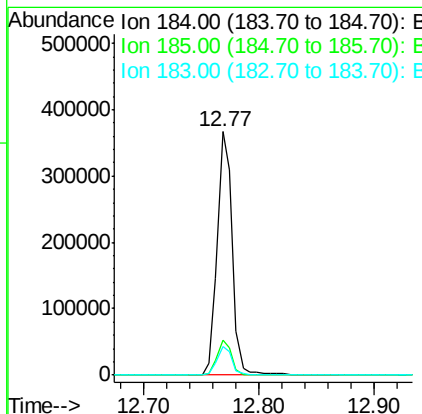
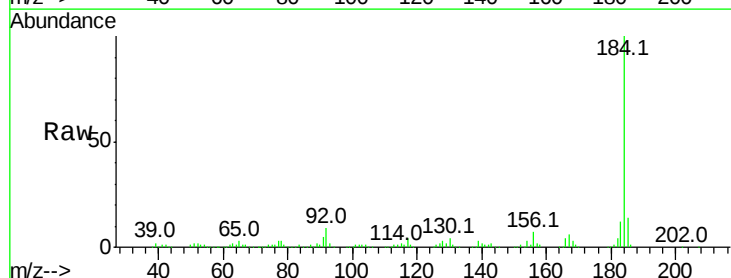
RT: 12.77 min Scan# 1816

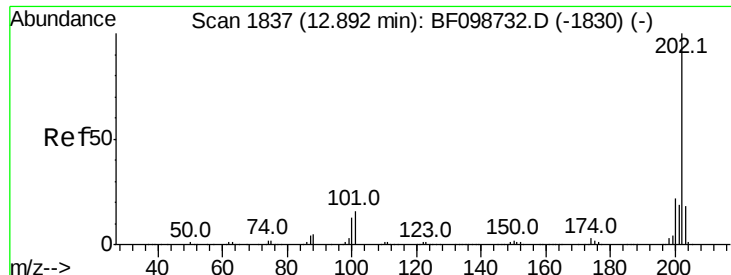
Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion:	184	Resp:	332407
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	11.9	9.3	13.9





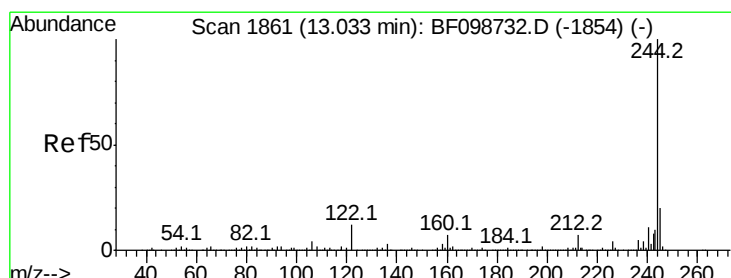
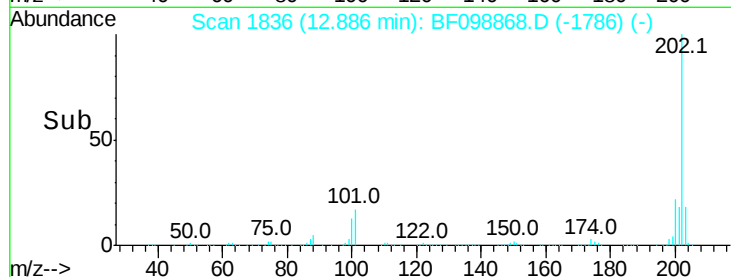
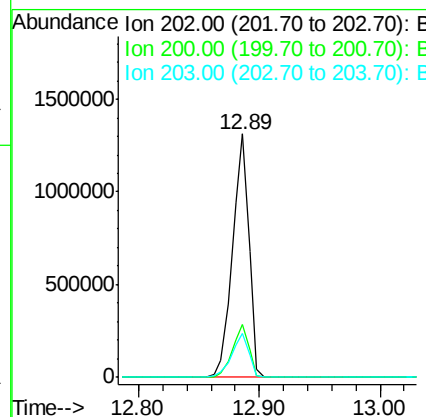
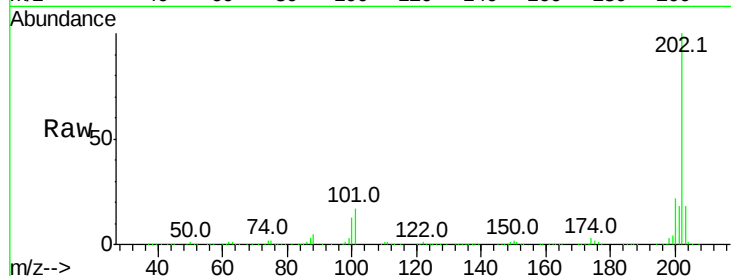
#77
Pvrene
Concen: 41.016 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.9	14.3	21.5

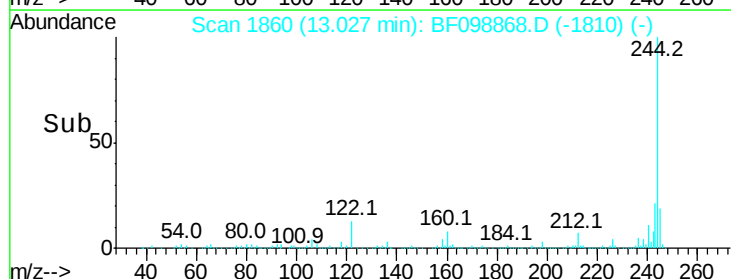
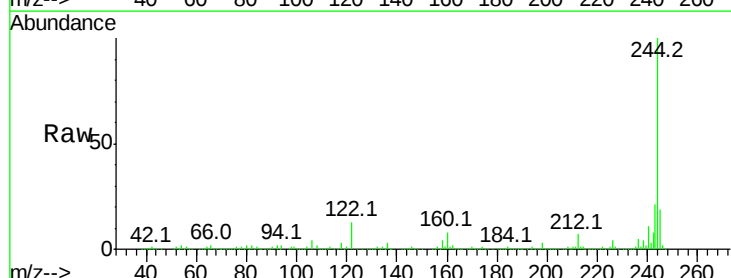
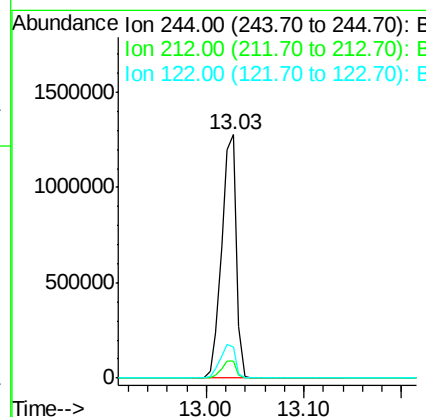
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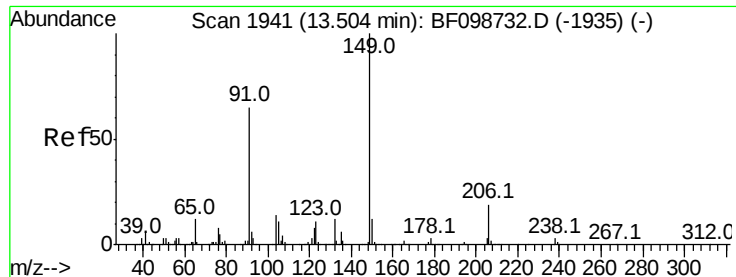
Sohil
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#78
Terphenyl-d14
Concen: 76.116 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.6	11.0	16.4





#79

Butylbenzylphthalate

Concen: 43.125 ng

RT: 13.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

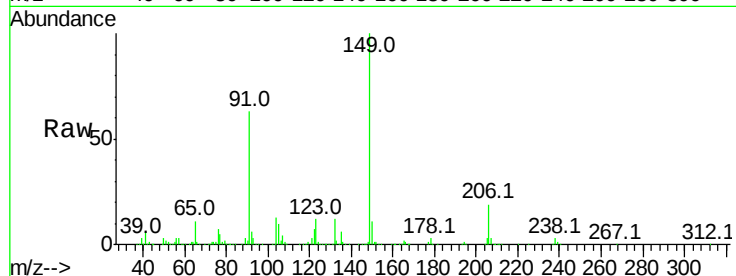
ClientSampleId :

JC-DRUMMS

Tot Ion:	149	Resp:	608861
Ion Ratio	Lower	Upper	
149	100		
91	62.5	56.8	85.2
206	19.4	14.1	21.1

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

13.50

800000

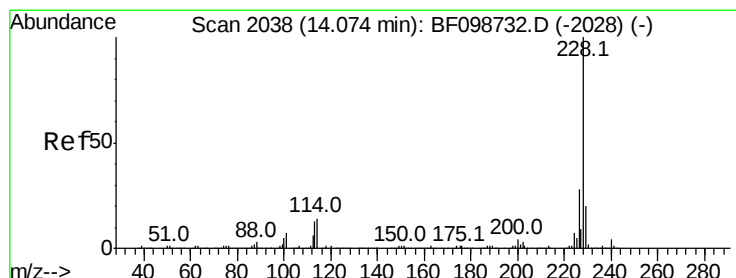
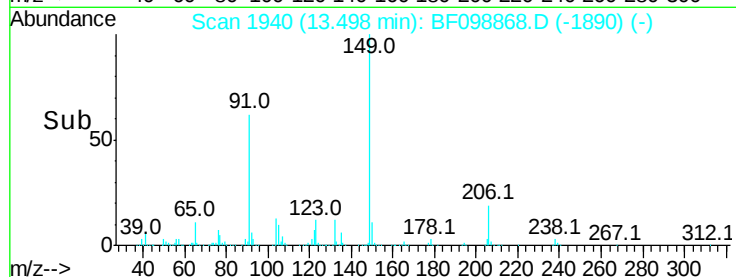
600000

400000

200000

0

Time-->



#80

Benzo(a)anthracene

Concen: 44.907 ng

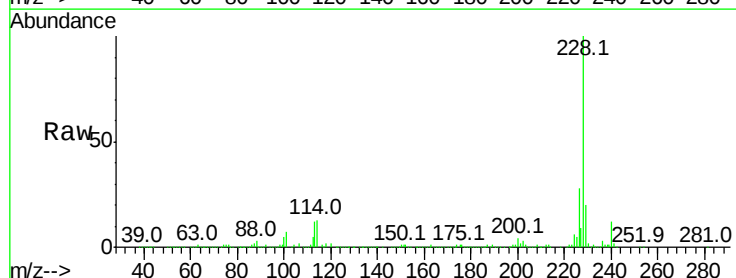
RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion:	228	Resp:	1071254
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	19.7	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

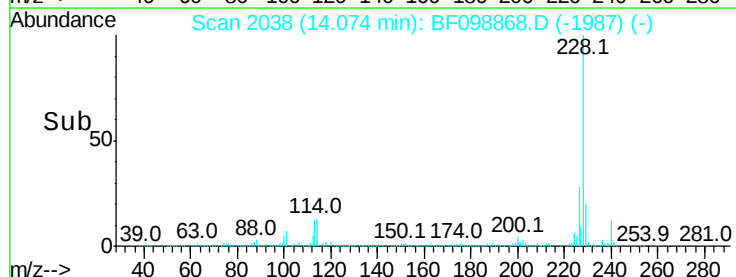
14.07

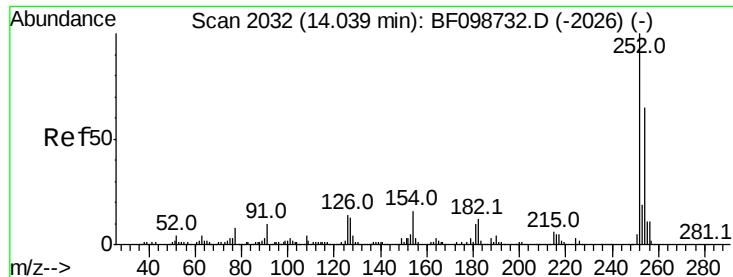
1000000

500000

0

Time-->





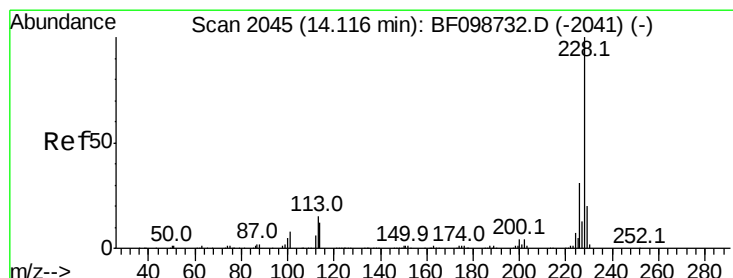
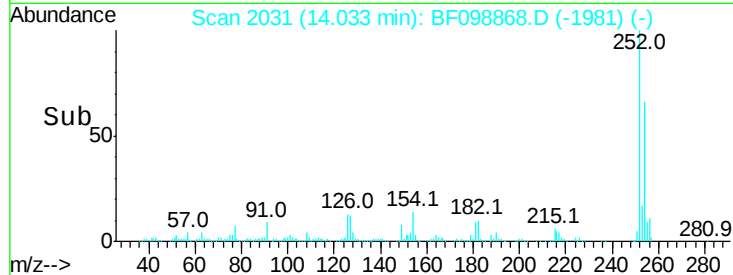
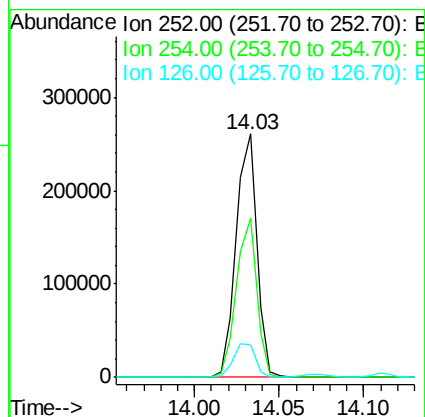
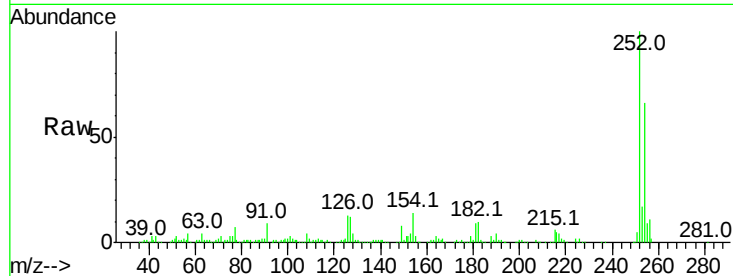
#81
 3,3'-Dichlorobenzidine
 Concen: 25.411 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.6	50.4	75.6
126	13.1	11.3	16.9

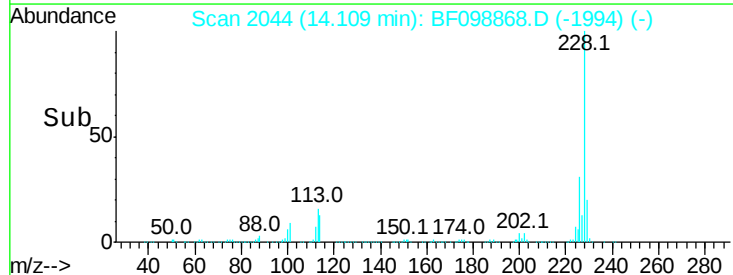
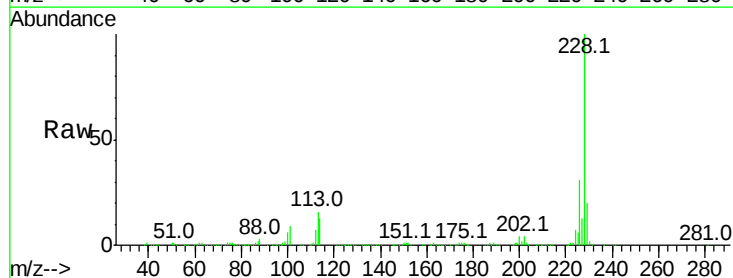
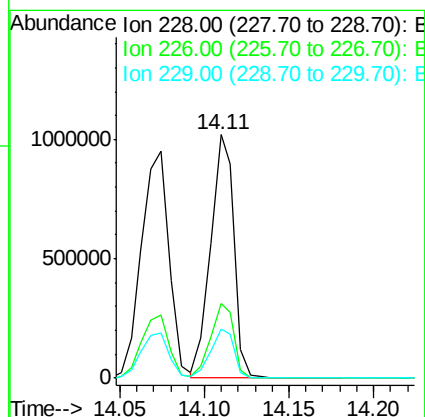
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#82
 Chrysene
 Concen: 43.279 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.905 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Instrument :

BNA_F

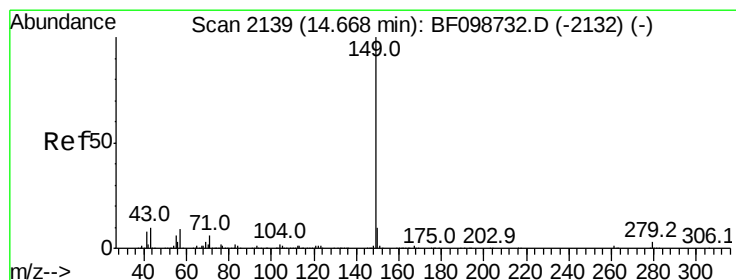
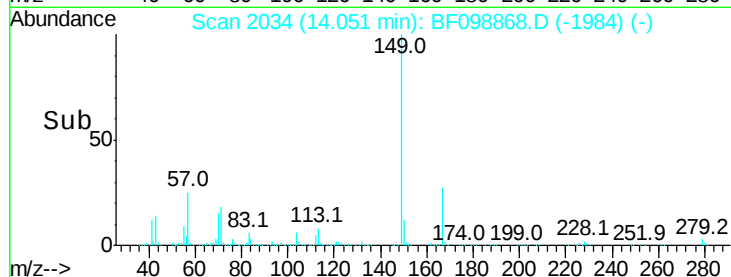
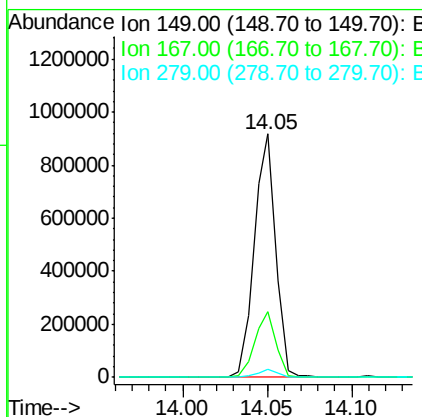
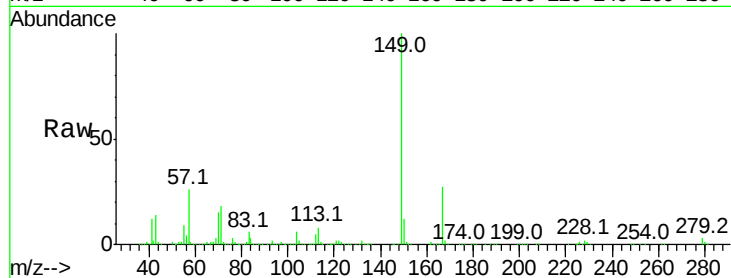
ClientSampleId :

JC-DRUMMS

Tot Ion:	149	Resp:	814652
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.3	31.9
279	3.2	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 42.874 ng

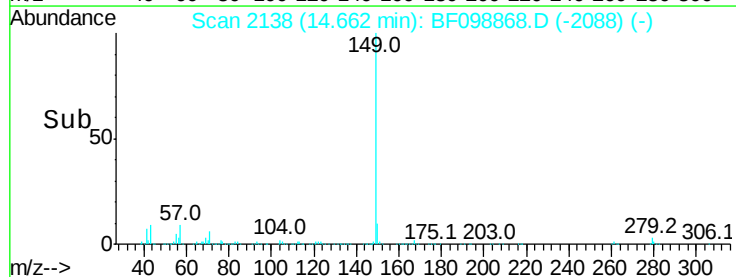
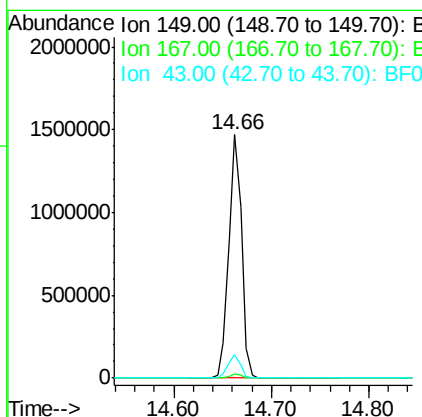
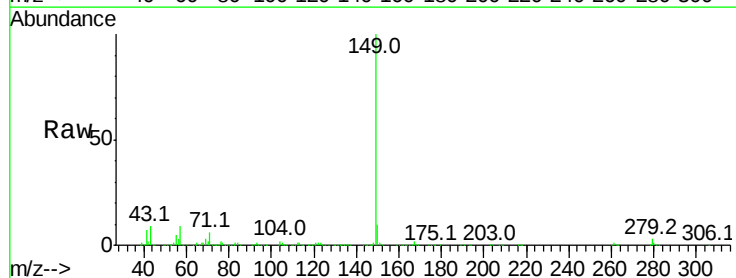
RT: 14.66 min Scan# 2138

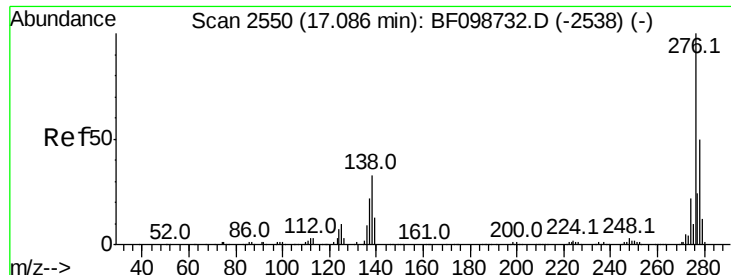
Delta R.T. -0.01 min

Lab File: BF098868.D

Acq: 27 Sep 2017 17:45

Tgt Ion:	149	Resp:	1342103
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.3	8.4	12.6





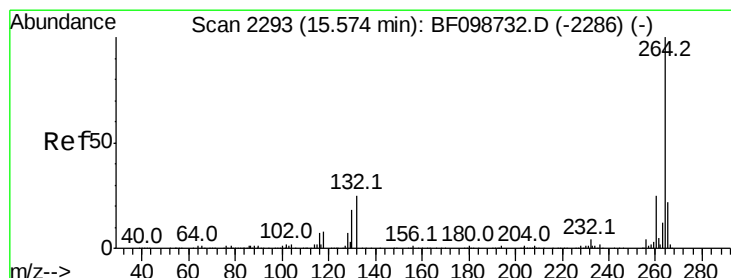
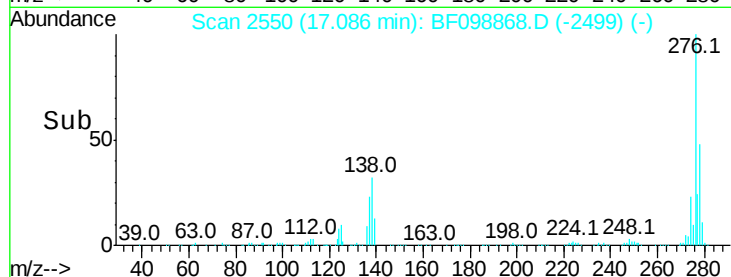
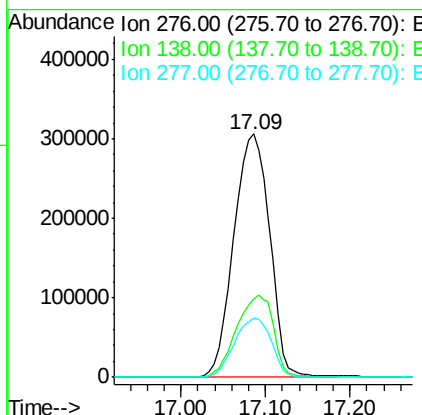
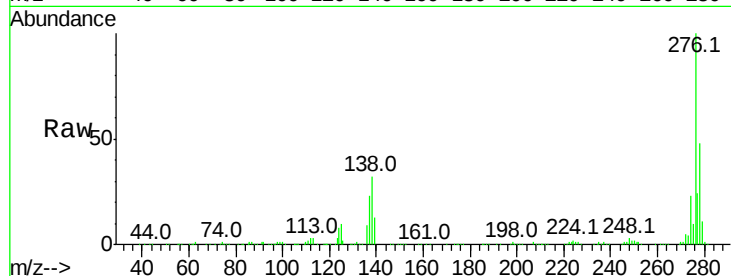
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.788 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	35.1	25.0	37.6	
277	25.3	20.1	30.1	

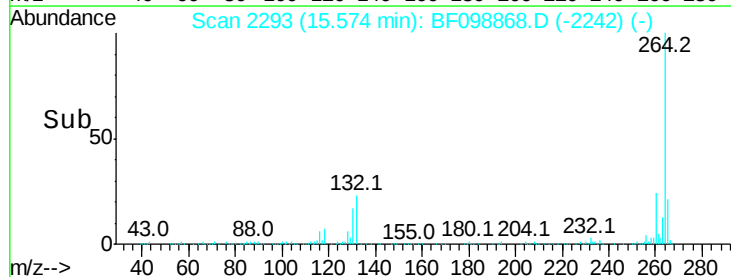
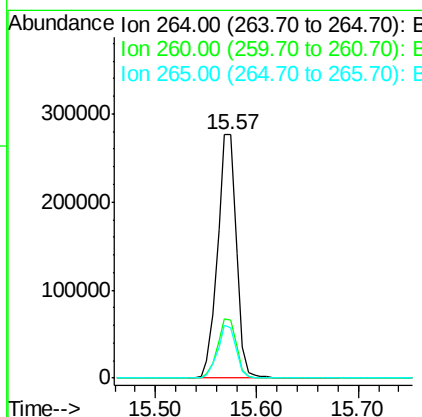
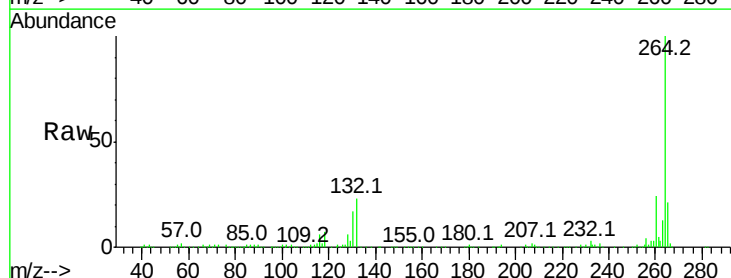
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	19.2	28.8	
265	20.6	17.5	26.3	





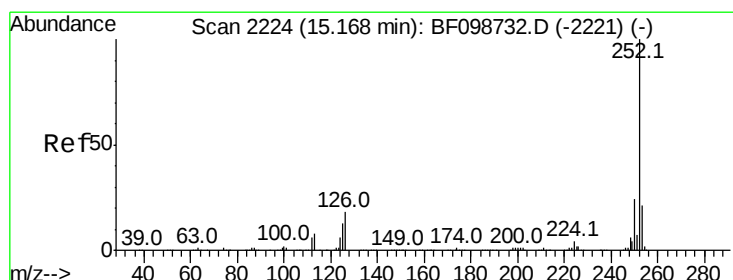
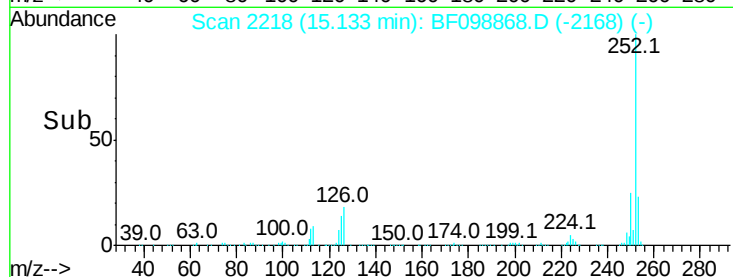
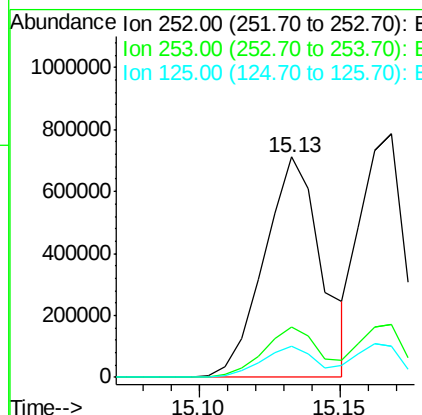
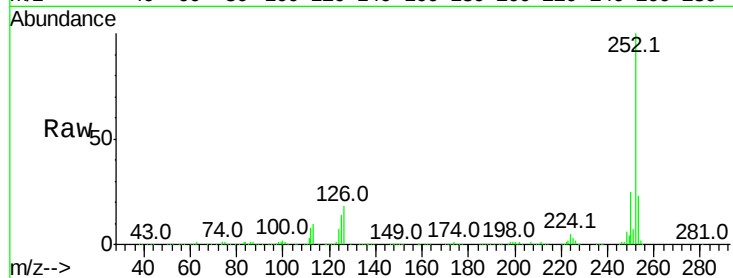
#87
Benzo(b)fluoranthene
Concen: 45.960 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Tot Ion:252 Resp: 1007468
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 14.1 9.0 13.6#

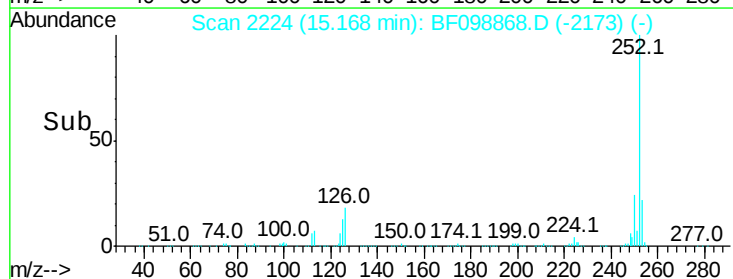
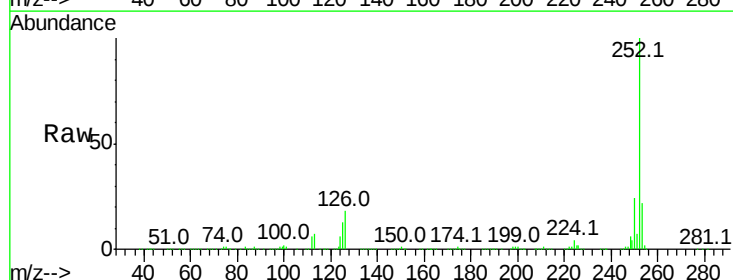
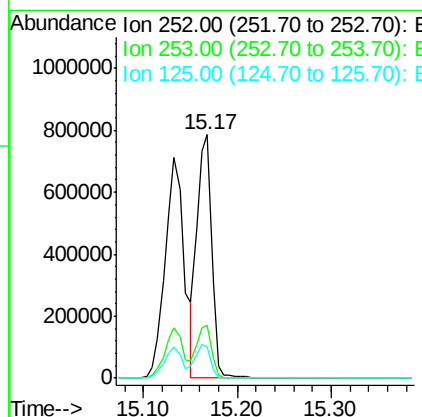
Manual Integrations
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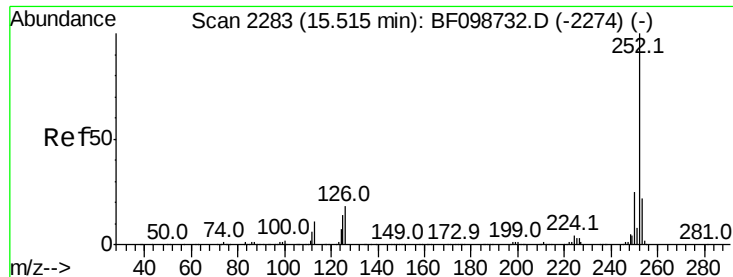
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#88
Benzo(k)fluoranthene
Concen: 39.062 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion:252 Resp: 845748
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.6 10.2 15.2





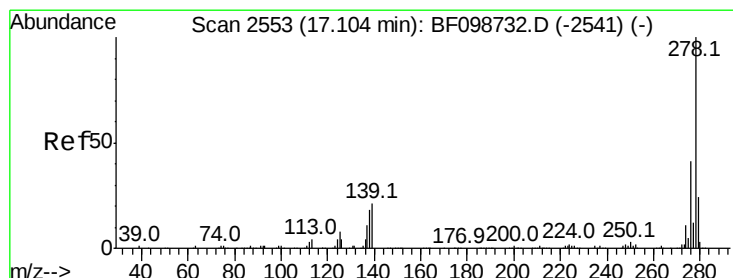
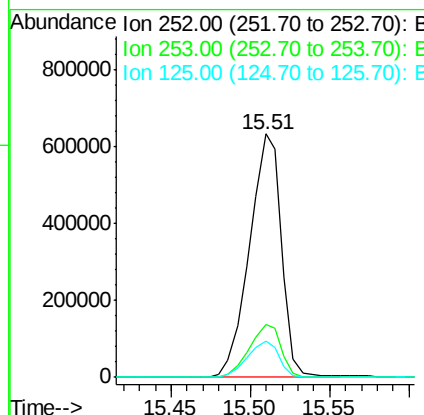
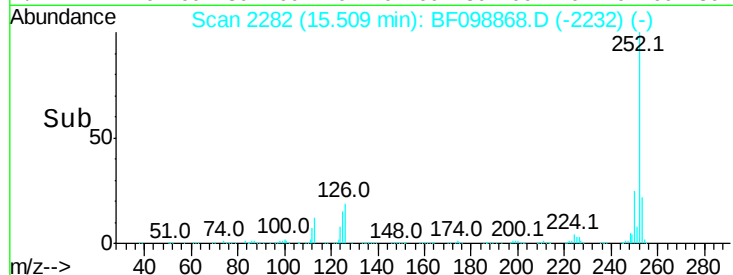
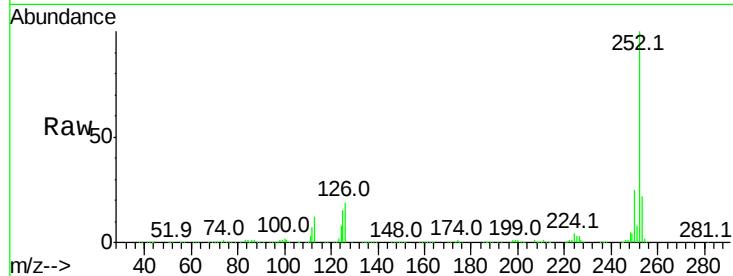
#89
Benzo(a)pyrene
Concen: 43.978 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Instrument :
BNA_F
ClientSampleId :
JC-DRUMMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	15.0	9.8	14.6

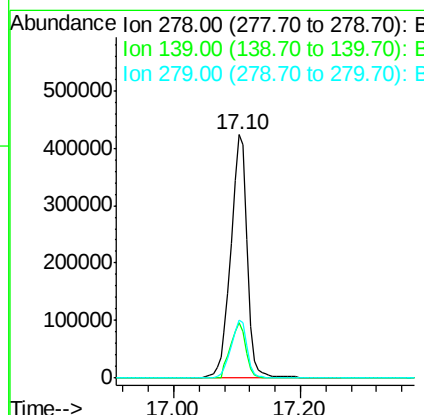
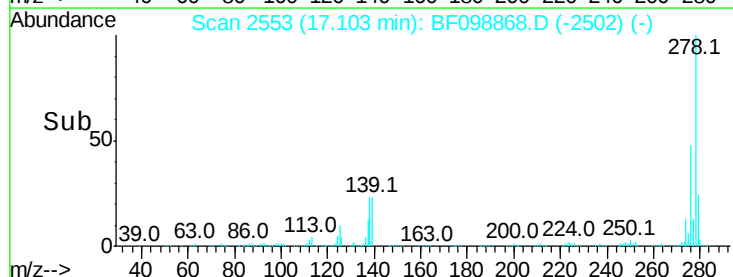
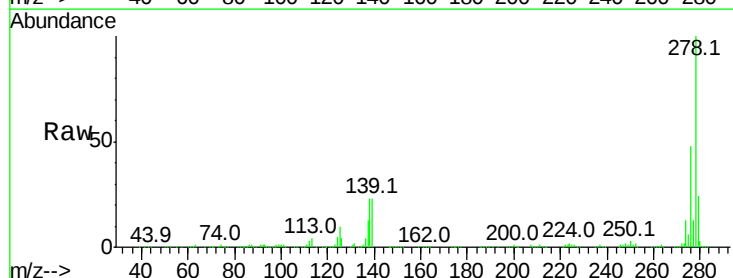
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#90
Dibenzo(a,h)anthracene
Concen: 46.759 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BF098868.D
Acq: 27 Sep 2017 17:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.745 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BF098868.D
 Acq: 27 Sep 2017 17:45

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUMMS

Tot Ion:	276	Resp:	759995
Ion Ratio		Lower	Upper
276	100		
277	23.8	17.9	26.9
138	30.0	21.8	32.8

Manual Integrations
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