

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088665.D
 Acq On : 3 Jul 2016 23:48
 Operator : UM/SJ
 Sample : H3817-08MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMS

Manual Integrations

umangi
 7/5/2016 7:51:32 PM

Quant Time: Jul 04 06:46:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	120345	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	445561	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	217531	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	427387	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	273097	20.00	ng	-0.03
86) Perylene-d12	15.31	264	245020	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	889320	110.75	ng	-0.01
7) Phenol-d6	6.42	99	1192711	114.95	ng	-0.02
23) Nitrobenzene-d5	7.35	82	688107	80.93	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	244431	121.01	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1055687	76.66	ng	-0.03
78) Terphenyl-d14	12.88	244	779615	63.58	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	127045	31.91	ng	# 35
3) Pyridine	3.07	79	180853	15.66	ng	94
4) n-Nitrosodimethylamine	3.02	42	88165	19.98	ng	84
6) Aniline	6.44	93	217860	14.41	ng	93
8) 2-Chlorophenol	6.57	128	213071	24.69	ng	93
9) Benzaldehyde	6.32	77	139739	19.88	ng	# 80
10) Phenol	6.43	94	229818	19.41	ng	# 64
11) bis(2-Chloroethyl)ether	6.52	93	202067	22.88	ng	89
12) 1,3-Dichlorobenzene	6.72	146	178596m	18.81	ng	
13) 1,4-Dichlorobenzene	6.80	146	188031	19.95	ng	95
14) 1,2-Dichlorobenzene	6.96	146	167415	18.97	ng	97
15) Benzyl Alcohol	6.92	79	174091	22.80	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	242174	18.94	ng	91
17) 2-Methylphenol	7.04	107	149276	21.20	ng	97
18) Hexachloroethane	7.30	117	64634	17.73	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	131964	18.93	ng	94
20) 3+4-Methylphenols	7.20	107	204625	24.22	ng	# 84
22) Acetophenone	7.20	105	273241	25.27	ng	# 90
24) Nitrobenzene	7.37	77	218806	25.52	ng	95
25) Isophorone	7.61	82	395416	25.11	ng	99
26) 2-Nitrophenol	7.68	139	87242	24.82	ng	90
27) 2,4-Dimethylphenol	7.72	122	168576	23.02	ng	90
28) bis(2-Chloroethoxy)methane	7.83	93	249436	24.34	ng	# 96
29) 2,4-Dichlorophenol	7.93	162	152036	25.69	ng	92
30) 1,2,4-Trichlorobenzene	8.01	180	139597	21.50	ng	100
31) Naphthalene	8.09	128	520505	23.70	ng	99
32) Benzoic acid	7.80	122	37623	7.08	ng	92
33) 4-Chloroaniline	8.14	127	136628	13.98	ng	96
34) Hexachlorobutadiene	8.22	225	68555	19.72	ng	98
35) Caprolactam	8.52	113	50641m	25.20	ng	
36) 4-Chloro-3-methylphenol	8.62	107	177099	25.31	ng	89
37) 2-Methylnaphthalene	8.78	142	318819	22.54	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	132077	18.25	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	162586	45.78	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	115963	24.31	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	119951	29.23	nq	# 95
45) 1,1'-Biphenyl	9.24	154	408470	22.68	nq	99
46) 2-Chloronaphthalene	9.27	162	326338	23.08	nq	98
47) 2-Nitroaniline	9.36	65	120247	23.96	nq	98
48) Acenaphthylene	9.68	152	512115	22.76	nq	100
49) Dimethylphthalate	9.55	163	555216	35.83	nq	97
50) 2,6-Dinitrotoluene	9.60	165	89260	25.99	nq	# 38
51) Acenaphthene	9.85	154	334846	24.28	nq	99
52) 3-Nitroaniline	9.77	138	84844	19.43	nq	94
53) 2,4-Dinitrophenol	9.87	184	71842	47.37	nq	91
54) Dibenzofuran	10.02	168	440359	24.39	nq	# 90
55) 4-Nitrophenol	9.93	139	249837	75.30	nq	96
56) 2,4-Dinitrotoluene	10.00	165	118509	26.39	nq	# 39
57) Fluorene	10.36	166	340724	24.49	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	87287	27.49	nq	# 51
59) Diethylphthalate	10.25	149	415839	26.74	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	140800	21.78	nq	# 88
61) 4-Nitroaniline	10.38	138	88779	21.13	nq	84
62) Azobenzene	10.51	77	425032	23.96	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	56157	24.57	nq	# 70
65) n-Nitrosodiphenylamine	10.48	169	343272	23.73	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	85020	19.74	nq	# 81
67) Hexachlorobenzene	10.91	284	94240	19.77	nq	# 77
68) Atrazine	11.00	200	106171	23.56	nq	93
69) Pentachlorophenol	11.11	266	185836	65.86	nq	98
70) Phenanthrene	11.33	178	480199	20.55	nq	98
71) Anthracene	11.37	178	487548	20.99	nq	99
72) Carbazole	11.52	167	496960	22.73	nq	98
73) Di-n-butylphthalate	11.86	149	502155	19.74	nq	99
74) Fluoranthene	12.50	202	438869	18.53	nq	97
76) Benzidine	12.63	184	304677	22.07	nq	98
77) Pyrene	12.73	202	421707	18.21	nq	98
79) Butylbenzylphthalate	13.36	149	189186	18.32	nq	95
80) Benzo(a)anthracene	13.91	228	320222	18.21	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	98452	14.89	nq	# 96
82) Chrysene	13.94	228	281520	16.18	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	254633	21.59	nq	100
84) Di-n-octyl phthalate	14.53	149	424119	21.17	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	232591	17.38	nq	# 100
87) Benzo(b)fluoranthene	14.91	252	315879m	20.55	nq	
88) Benzo(k)fluoranthene	14.95	252	173738m	12.98	nq	
89) Benzo(a)pyrene	15.25	252	222825	17.12	nq	99
90) Dibenzo(a,h)anthracene	16.65	278	197990	18.22	nq	99
91) Benzo(g,h,i)perylene	17.04	276	189951	16.89	nq	94

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



#1

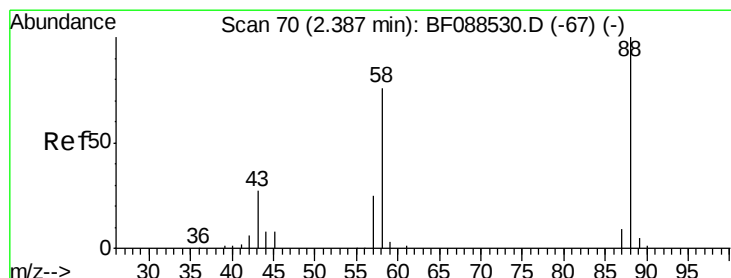
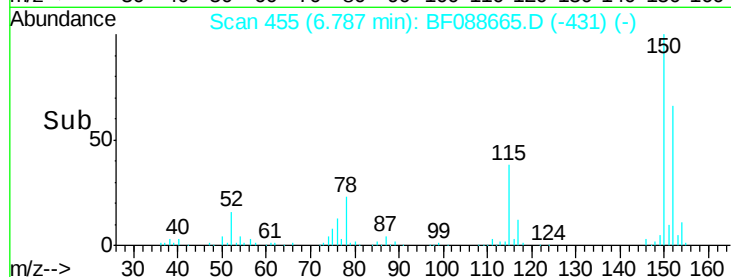
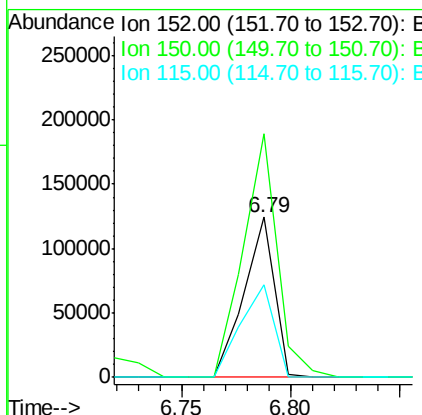
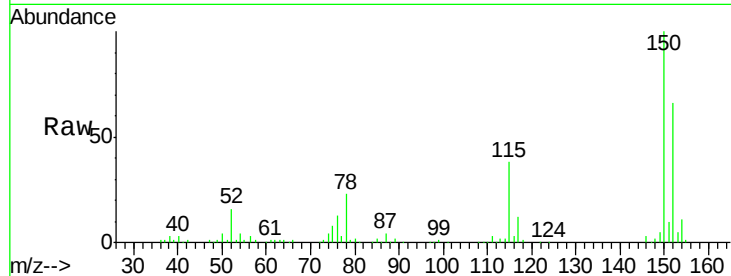
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	123.8	185.6
115	57.6	39.6	59.4

Manual Integrations

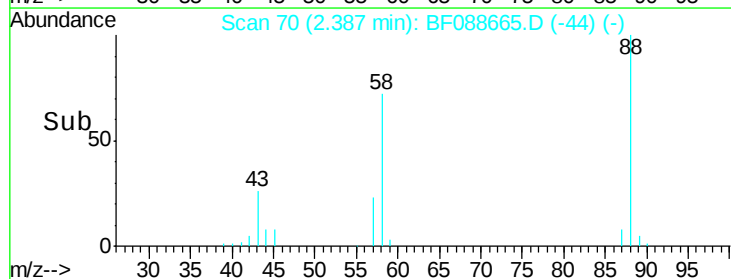
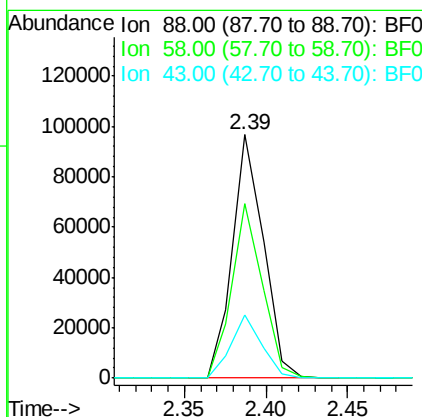
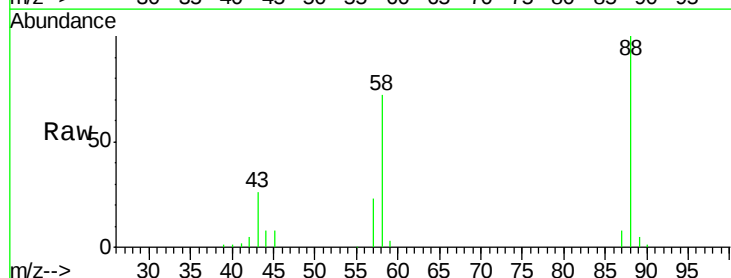
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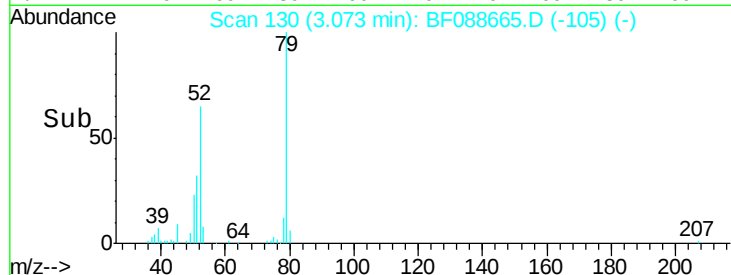
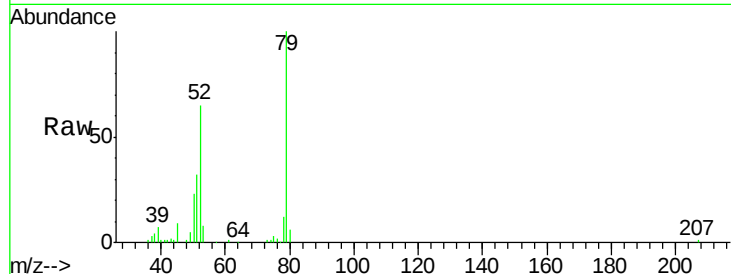


#2

1,4-Dioxane
Concen: 31.91 ng
RT: 2.39 min Scan# 70
Delta R.T. -0.00 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

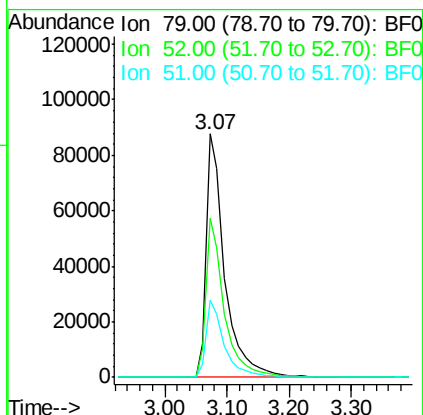
Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	0.0	0.0#
43	25.8	3.4	5.2#





#3
Pvridine
Concen: 15.66 ng
RT: 3.07 min Scan# 130
Delta R.T. -0.01 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

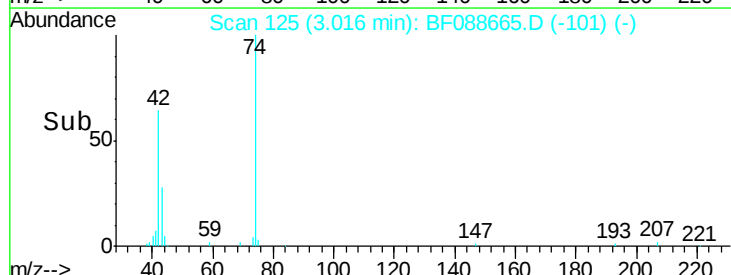
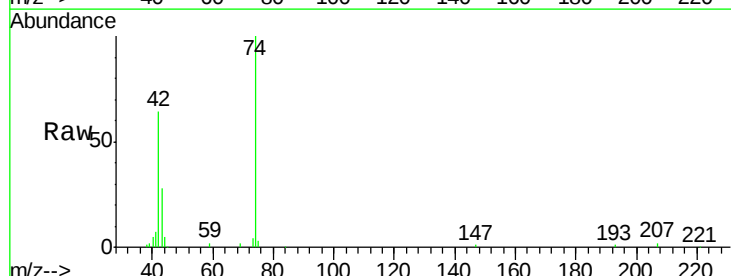
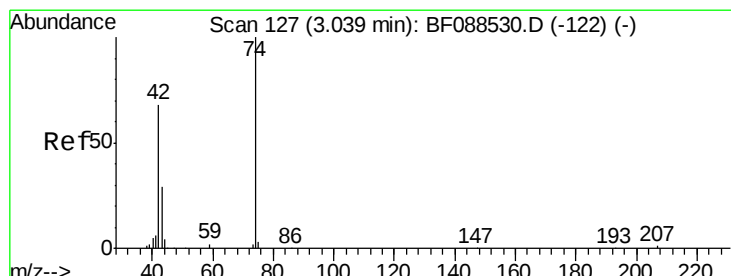
Tot Ion:	79	Resp:	180853
Ion Ratio	Lower	Upper	
79	100		
52	65.2	56.3	84.5
51	31.9	27.4	41.2



Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

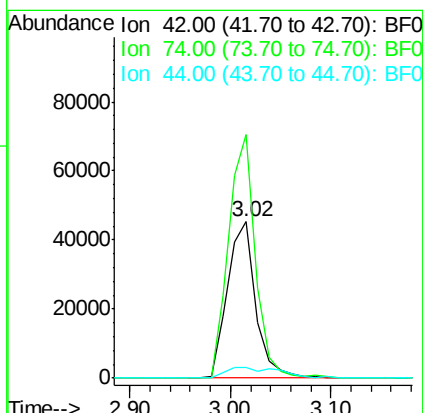
Manual Integrations

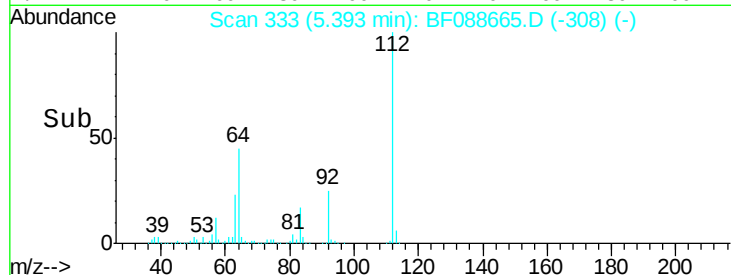
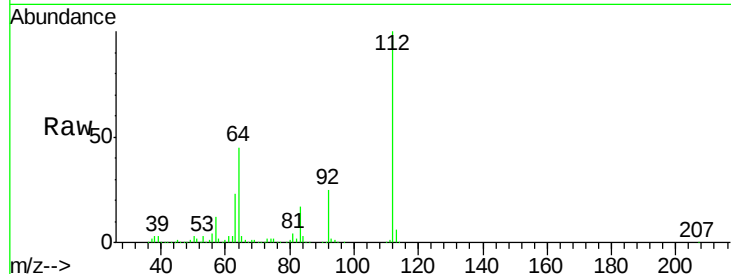
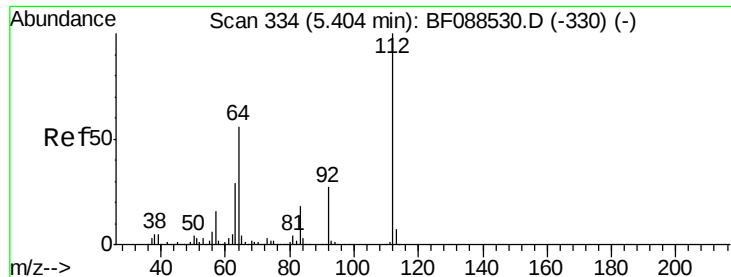
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#4
n-Nitrosodimethylamine
Concen: 19.98 ng
RT: 3.02 min Scan# 125
Delta R.T. -0.02 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:	42	Resp:	88165
Ion Ratio	Lower	Upper	
42	100		
74	156.0	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 110.75 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Tot Ion:	112	Resp:	889320
Ion Ratio	Lower	Upper	
112	100		
64	44.6	42.2	63.2
63	22.6	21.8	32.8

Instrument :

BNA_F

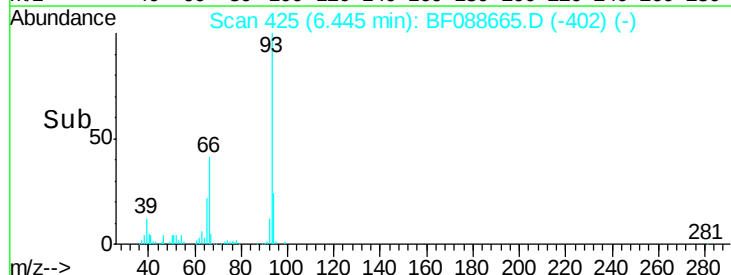
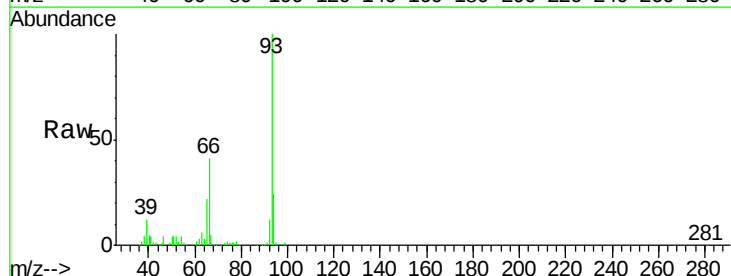
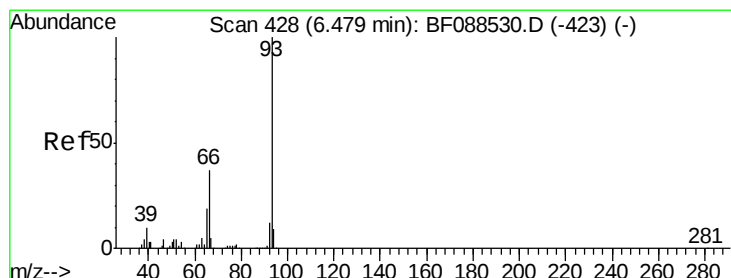
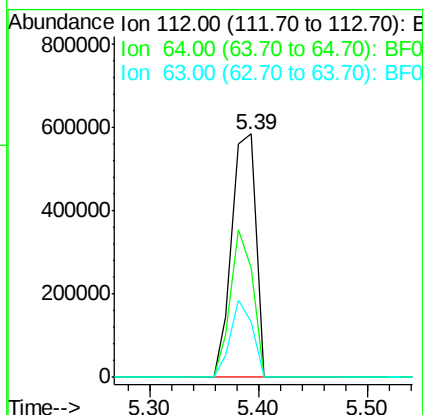
ClientSampleId :

BS-2C-8.5-9FTMS

Manual Integrations

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#6

Aniline

Concen: 14.41 ng

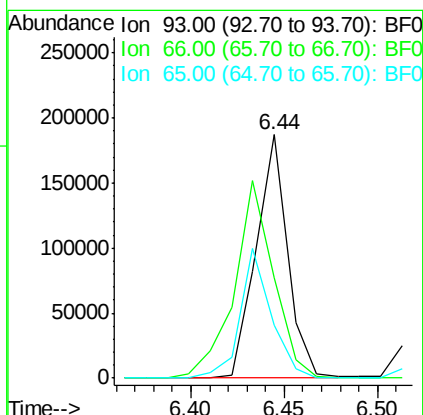
RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Tgt Ion:	93	Resp:	217860
Ion Ratio	Lower	Upper	
93	100		
66	41.3	29.8	44.8
65	21.5	14.9	22.3





#7

Phenol-d6

Concen: 114.95 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMS

Tot Ion: 99 Resp: 1192711

Ion Ratio Lower Upper

99 100

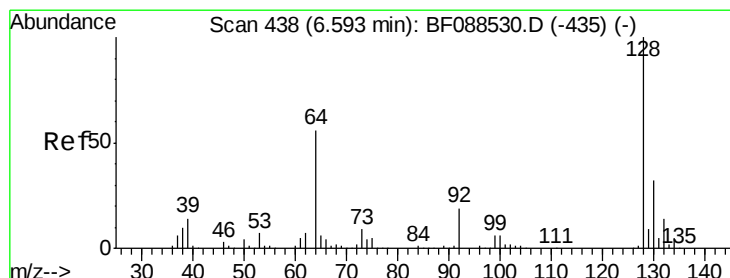
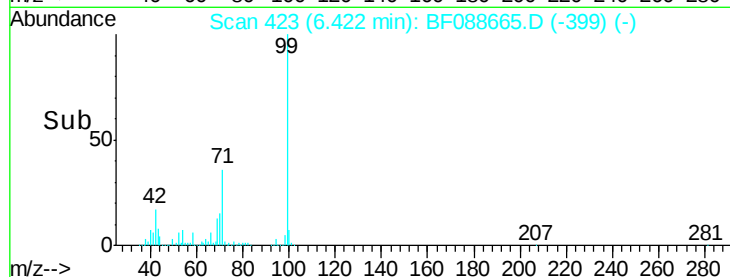
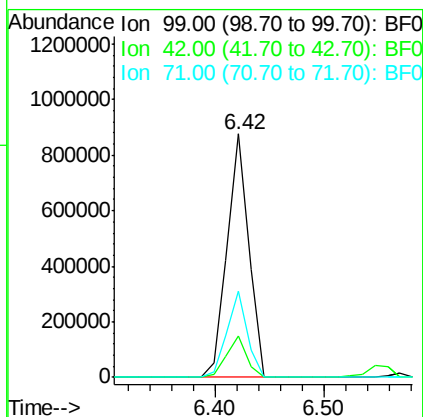
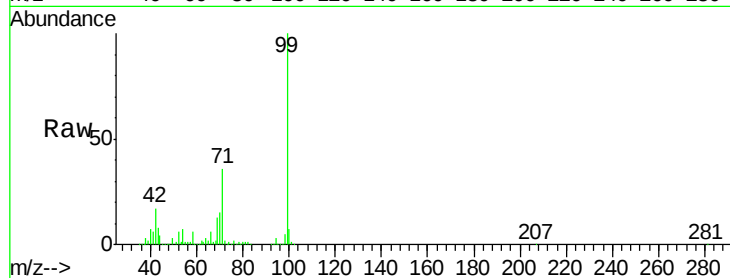
42 17.1 12.2 18.2

71 35.5 23.4 35.0#

Manual Integrations

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#8

2-Chlorophenol

Concen: 24.69 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

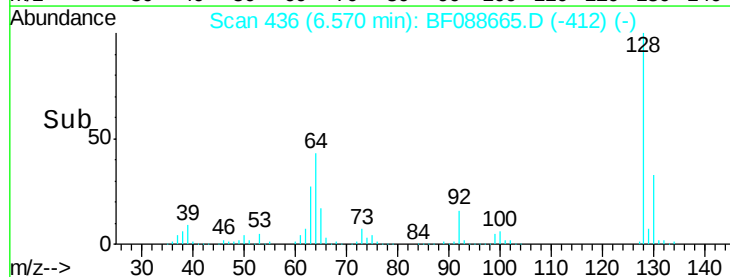
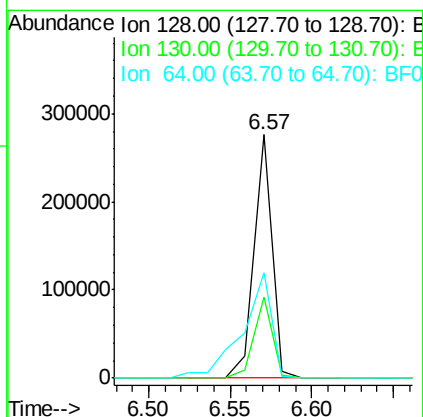
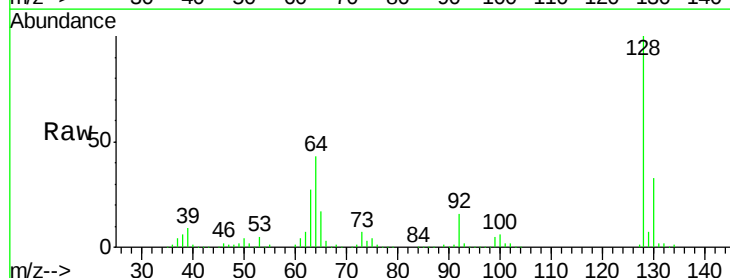
Tgt Ion: 128 Resp: 213071

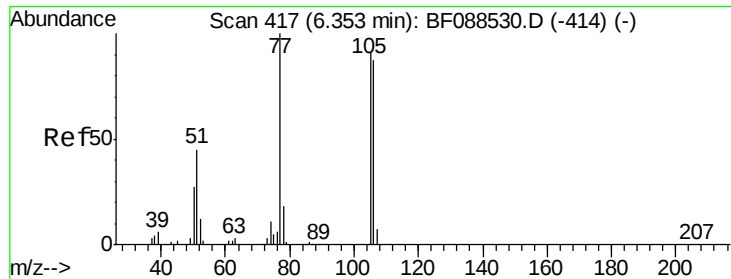
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 43.3 30.8 70.8





#9

Benzaldehyde

Concen: 19.88 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF088665.D

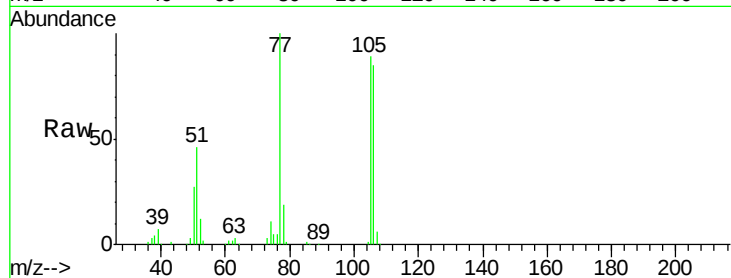
Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMS

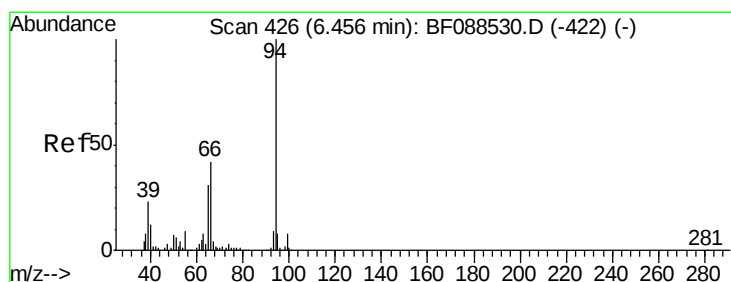
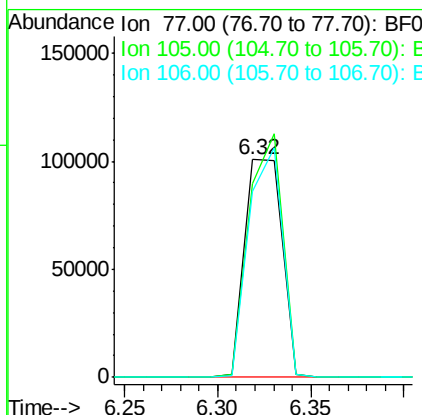
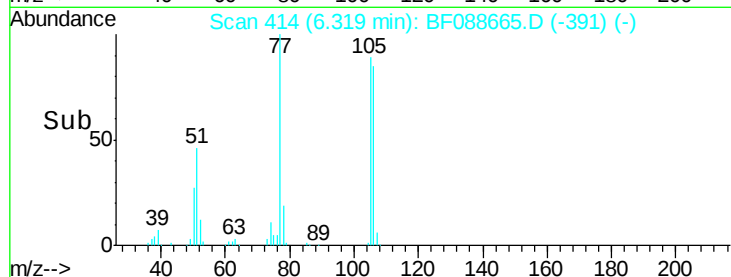


Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	89.1	90.6	130.6#	
106	85.5	85.3	125.3	

Manual Integrations

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#10

Phenol

Concen: 19.41 ng

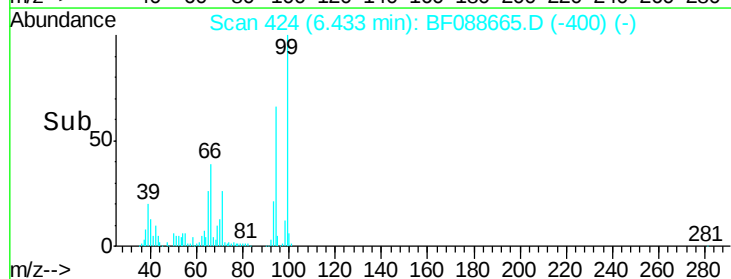
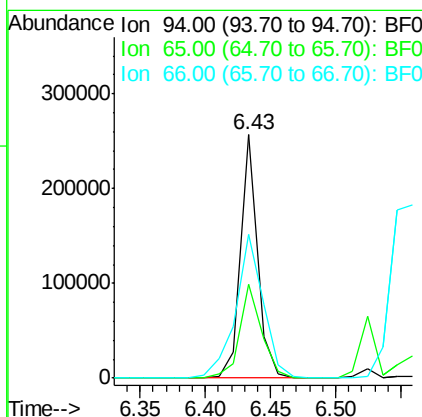
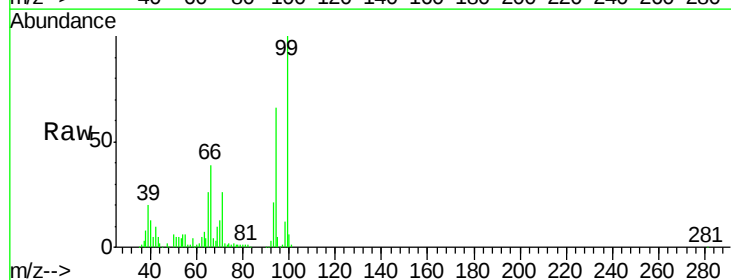
RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	38.7	5.9	45.9	
66	59.2	14.0	54.0#	





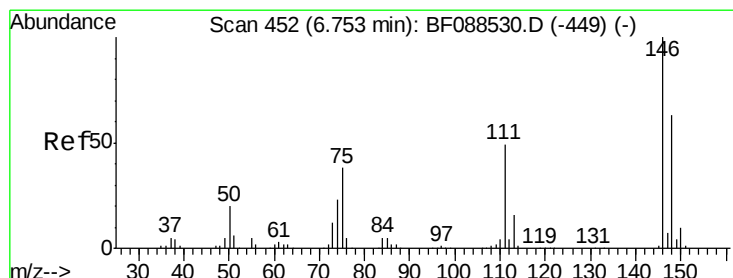
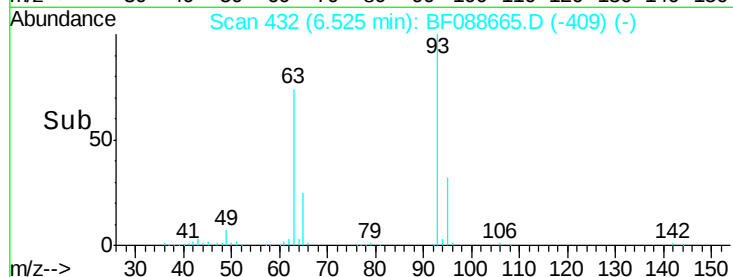
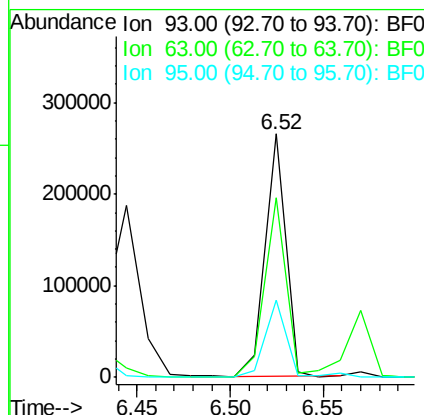
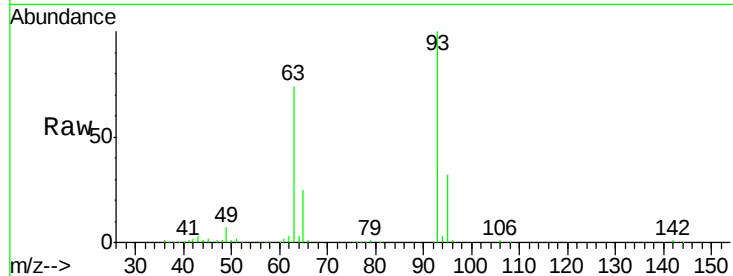
#11
bis(2-Chloroethyl)ether
Concen: 22.88 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion:	93	Resp:	202067
Ion	Ratio	Lower	Upper
93	100		
63	74.0	67.6	107.6
95	31.8	12.5	52.5

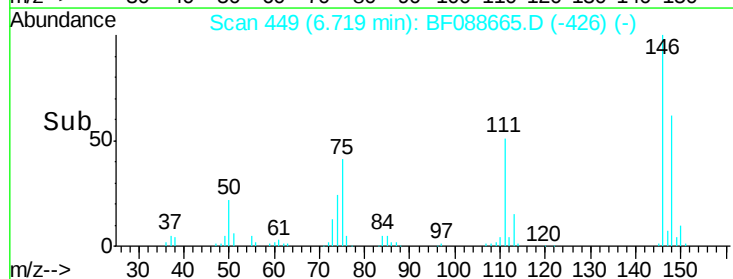
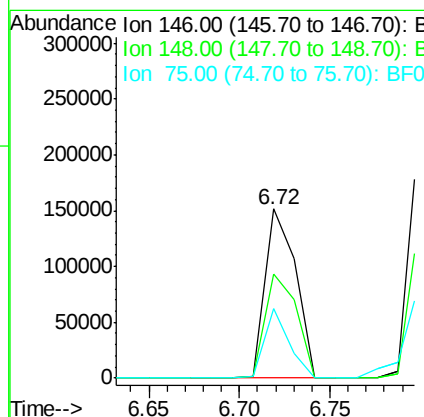
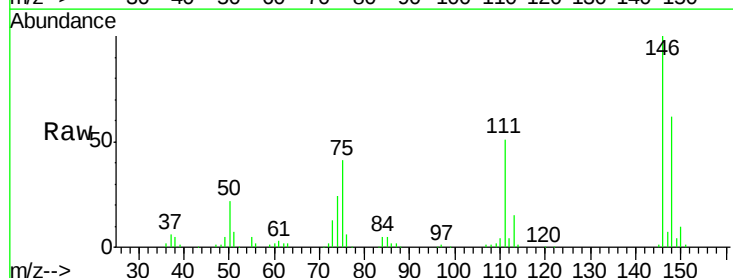
Manual Integrations

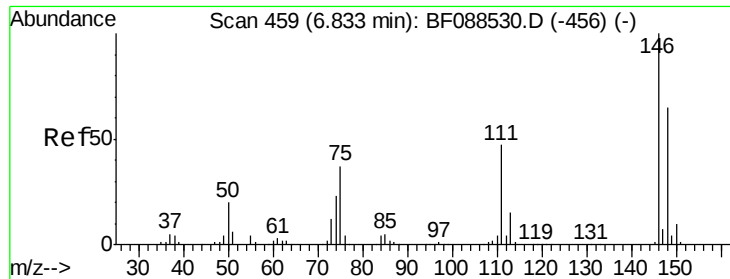
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#12
1,3-Dichlorobenzene
Concen: 18.81 ng m
RT: 6.72 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:	146	Resp:	178596
Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.9	76.3
75	40.8	25.6	38.4#





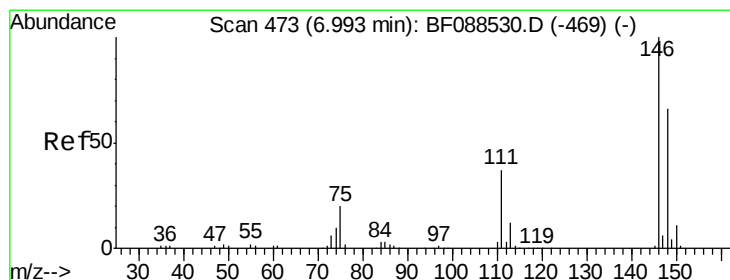
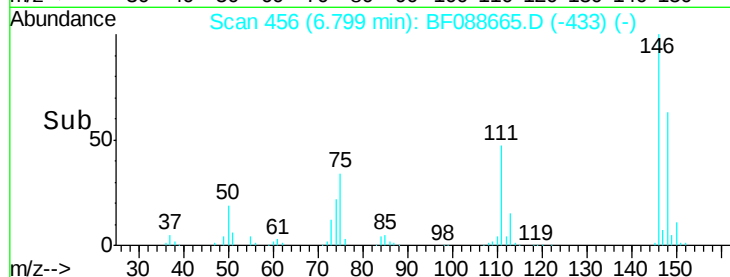
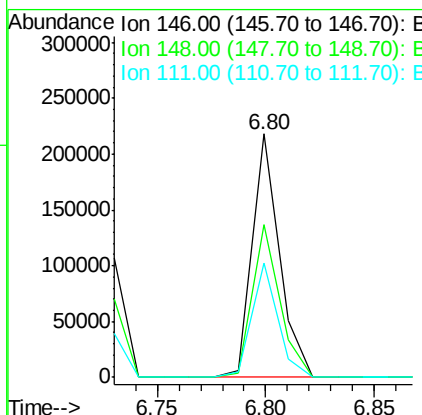
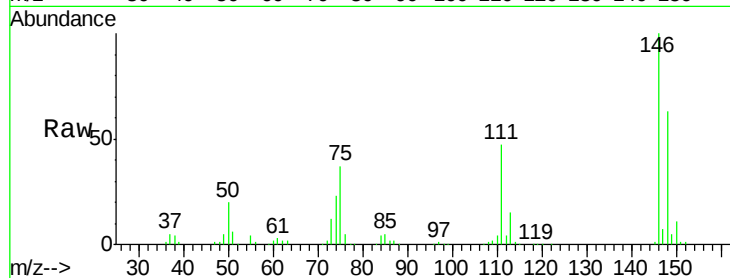
#13
1,4-Dichlorobenzene
Concen: 19.95 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		188031		
148	62.9	52.0	78.0		
111	47.2	33.8	50.8		

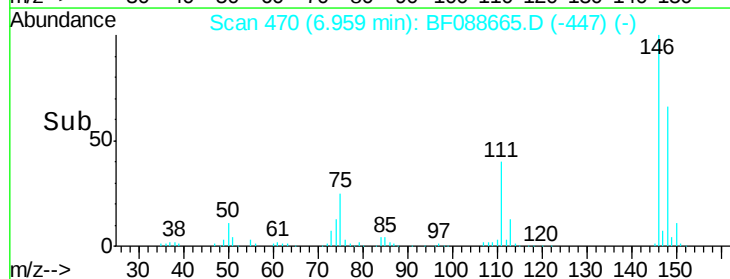
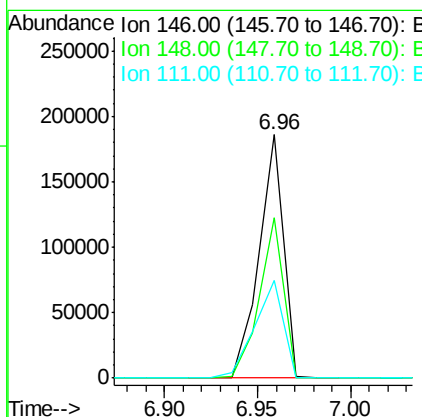
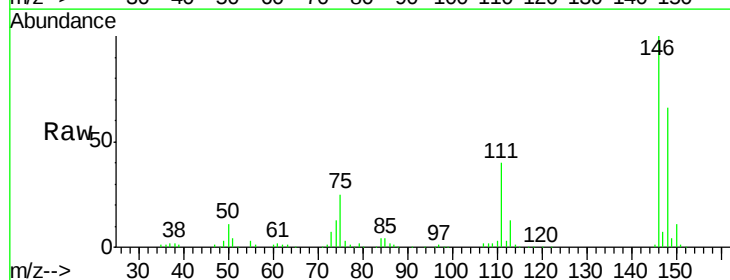
Manual Integrations

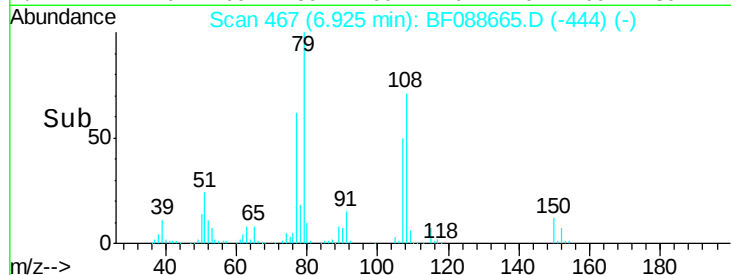
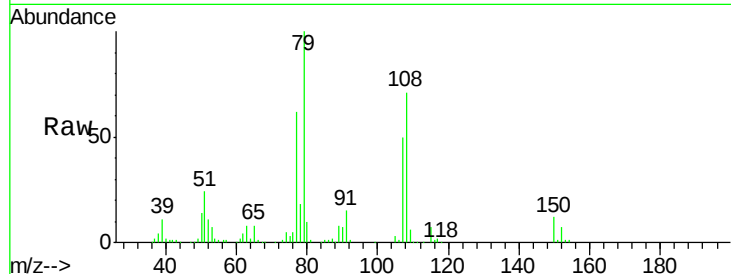
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#14
1,2-Dichlorobenzene
Concen: 18.97 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		167415		
148	66.0	52.3	78.5		
111	40.0	28.7	43.1		





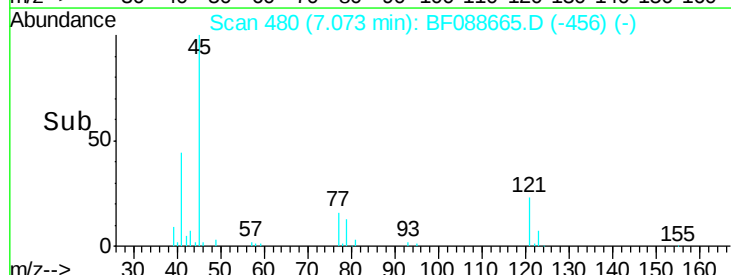
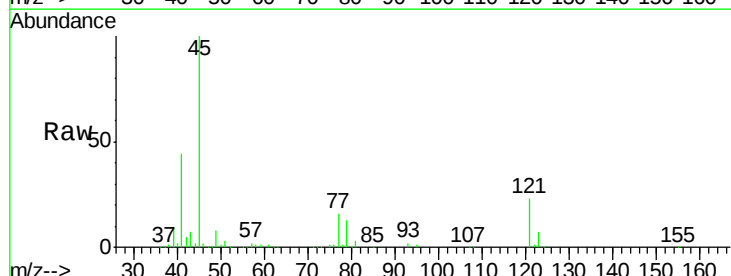
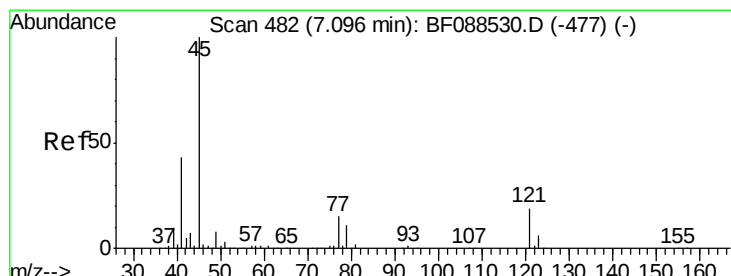
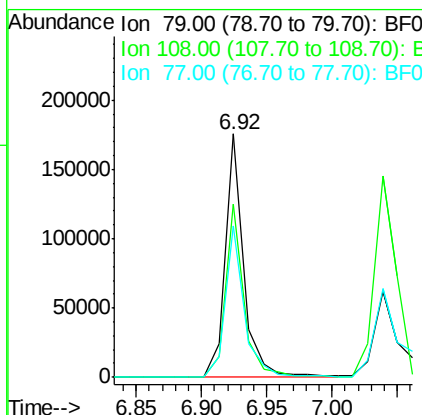
#15
Benzyl Alcohol
Concen: 22.80 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	71.0	65.0	97.6	
77	62.0	50.3	75.5	

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

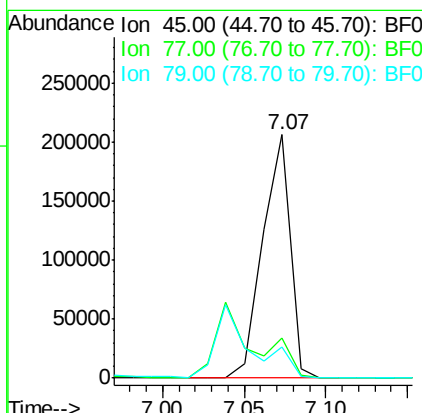
Manual Integrations

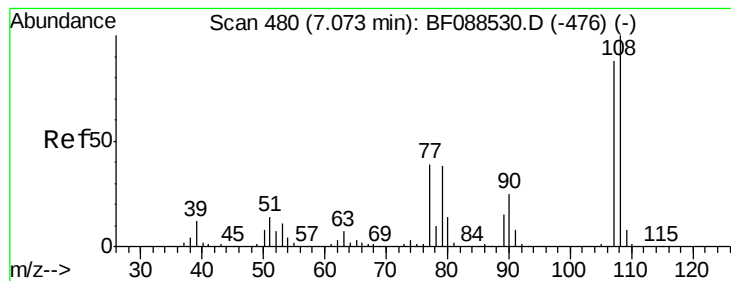
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 18.94 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	16.4	0.0	32.5	
79	12.6	0.0	29.5	





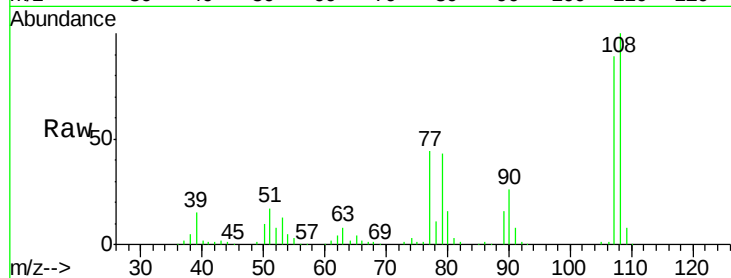
#17
2-Methylphenol
Concen: 21.20 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

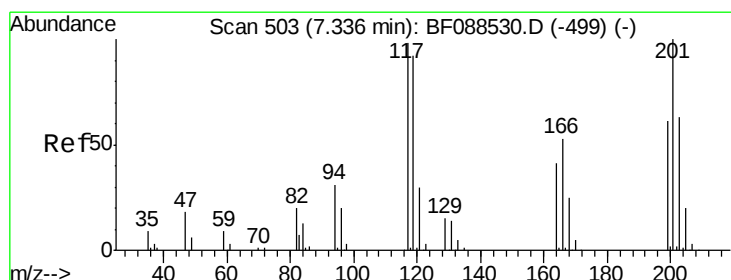
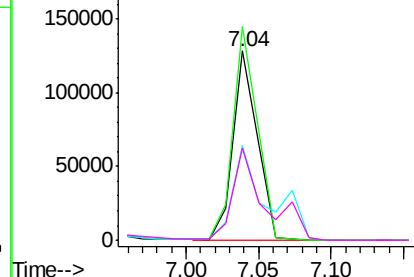
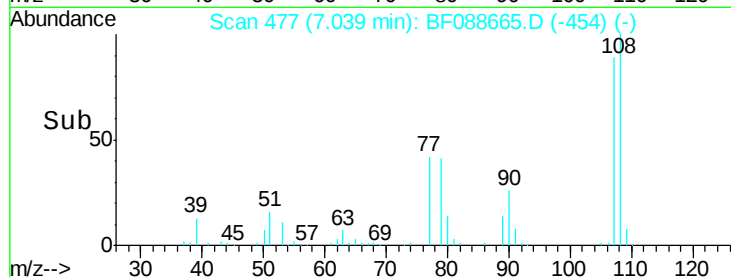
Tot Ion	107	Resp	149276
Ion Ratio	Lower	Upper	
107	100		
108	112.9	90.9	136.3
77	50.1	36.6	55.0
79	48.4	36.5	54.7

Manual Integrations

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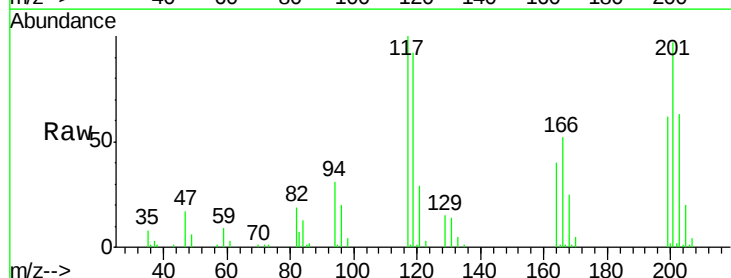


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

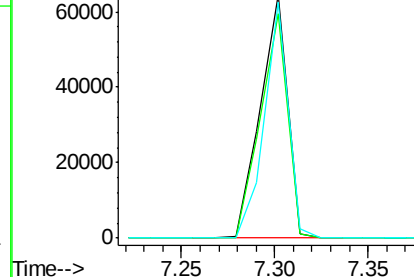
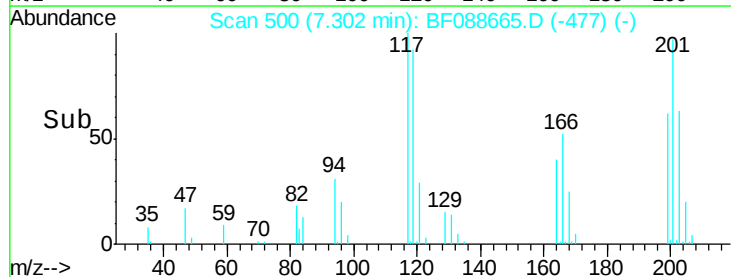


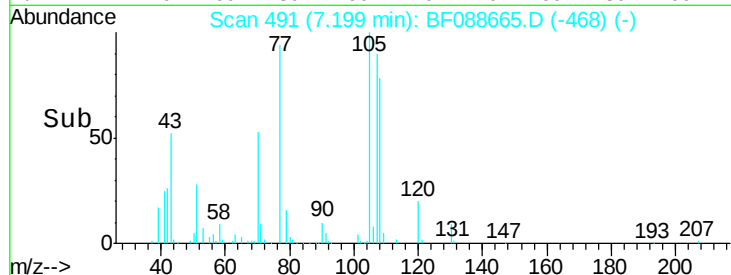
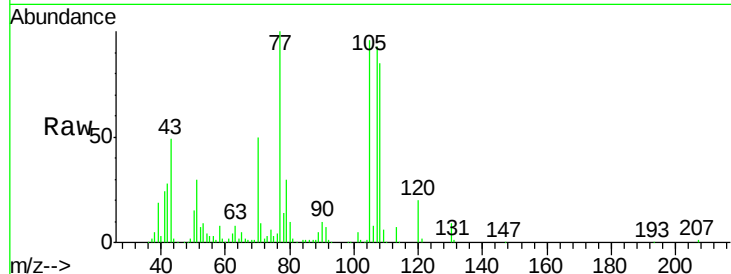
#18
Hexachloroethane
Concen: 17.73 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	117	Resp	64634
Ion Ratio	Lower	Upper	
117	100		
119	92.0	77.4	116.2
201	96.8	80.4	120.6



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





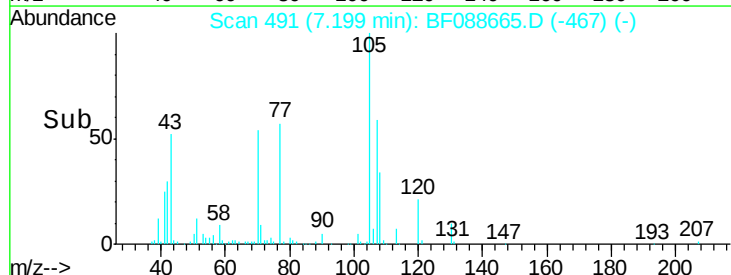
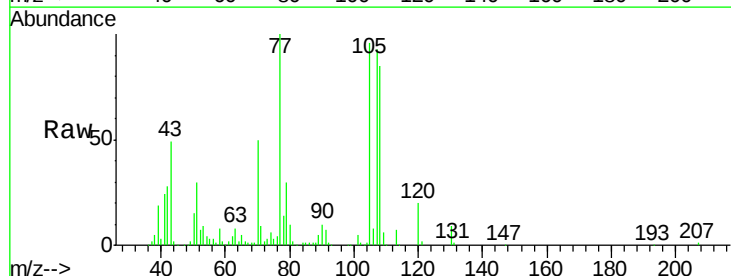
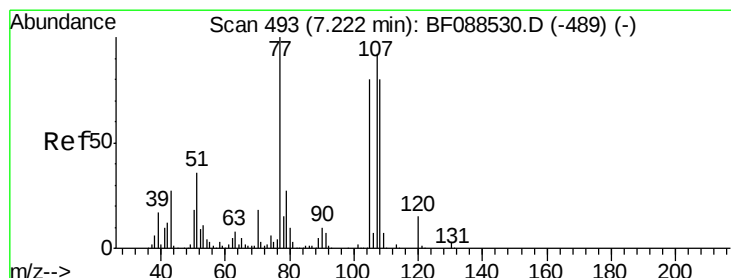
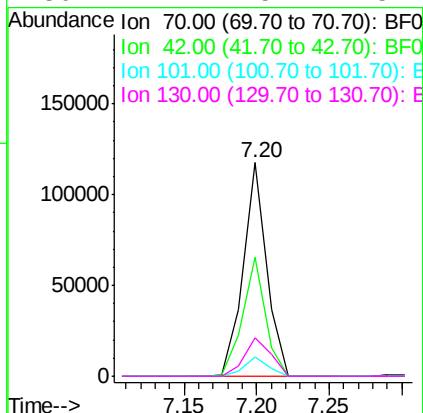
#19
n-Nitroso-di-n-propylamine
Concen: 18.93 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.0	49.6	74.4	
101	9.1	7.1	10.7	
130	17.7	15.4	23.2	

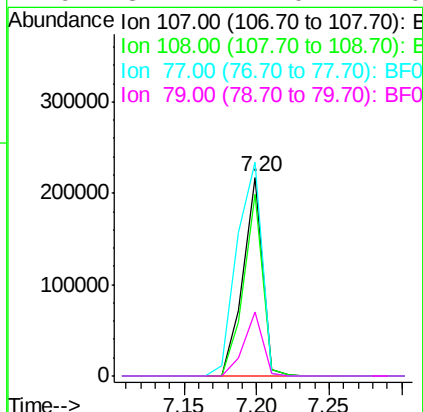
Manual Integrations

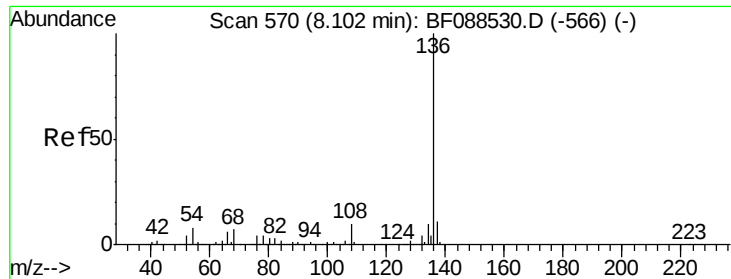
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#20
3+4-Methylphenols
Concen: 24.22 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.6	67.8	107.8	
77	107.5	59.3	99.3	
79	32.1	7.0	47.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

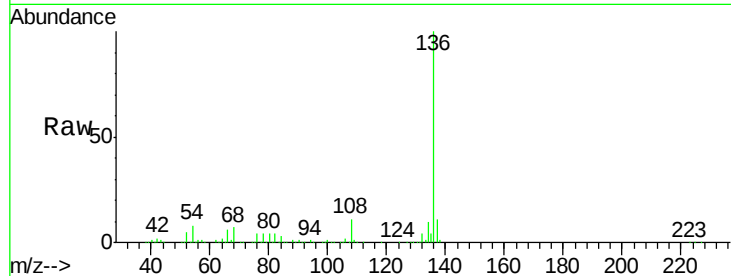
BS-2C-8.5-9FTMS

Tot Ion:	136	Resp:	445561
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.1	13.7
54	8.4	6.6	10.0
68	7.1	5.1	7.7

Manual Integrations

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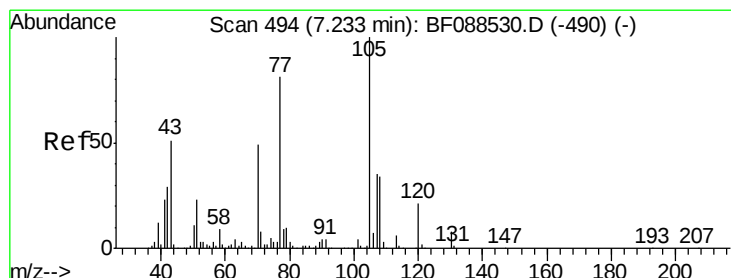
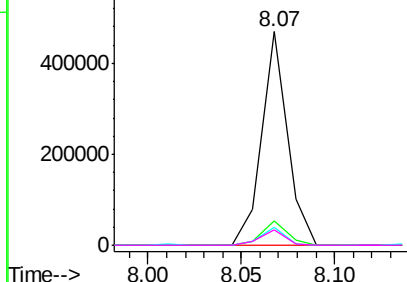
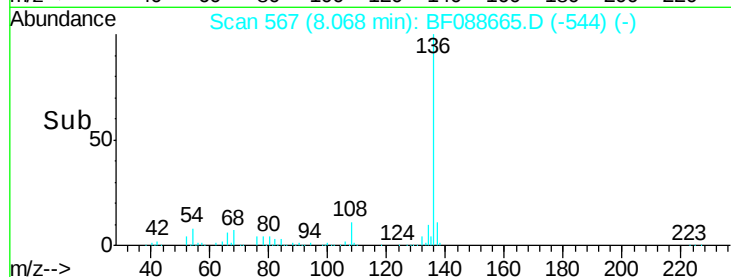


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 25.27 ng

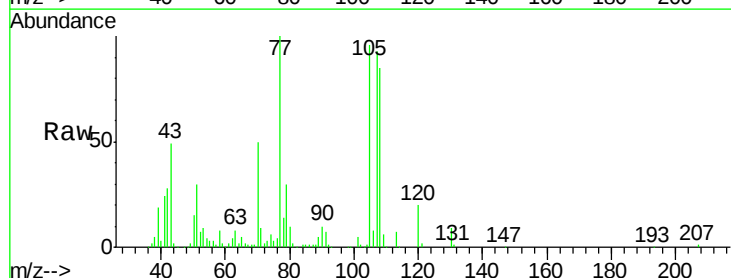
RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Tgt Ion:	105	Resp:	273241
Ion Ratio	Lower	Upper	
105	100		
71	9.0	5.3	7.9#
51	31.1	18.2	27.4#
120	20.4	18.0	27.0

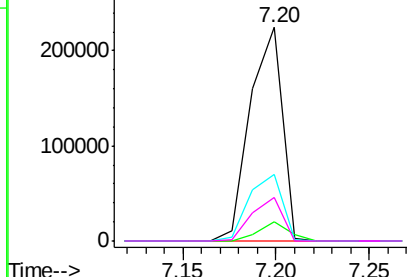
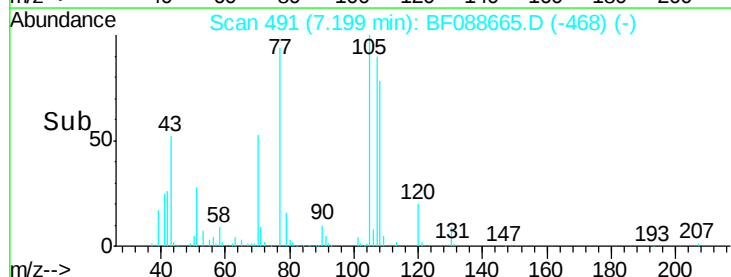


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





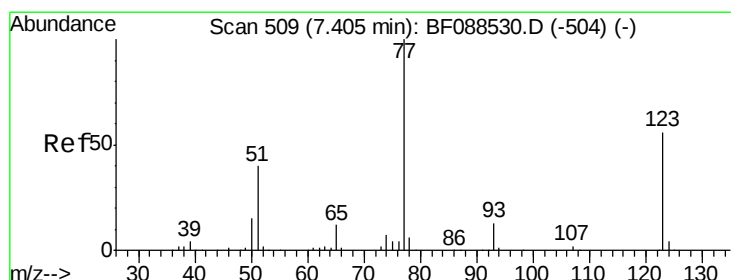
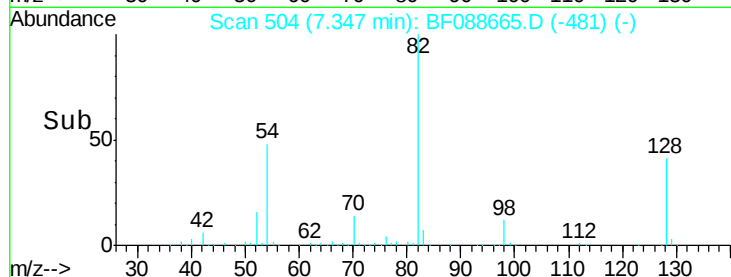
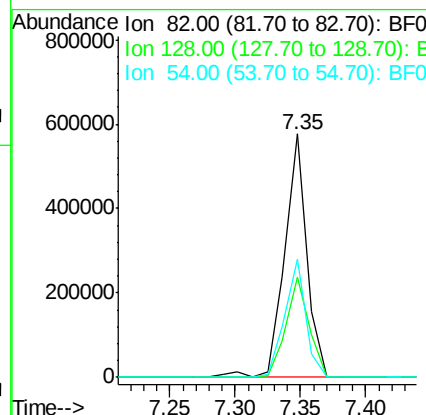
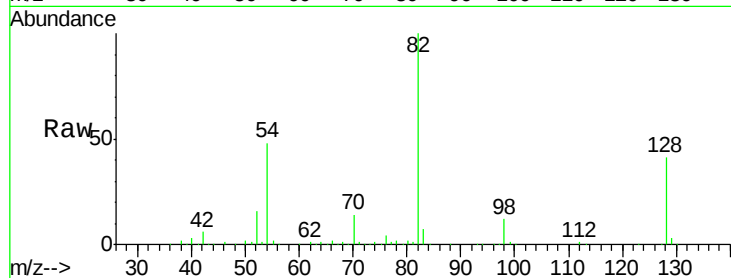
#23
Nitrobenzene-d5
Concen: 80.93 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.9	53.9
54	48.4	40.9	61.3

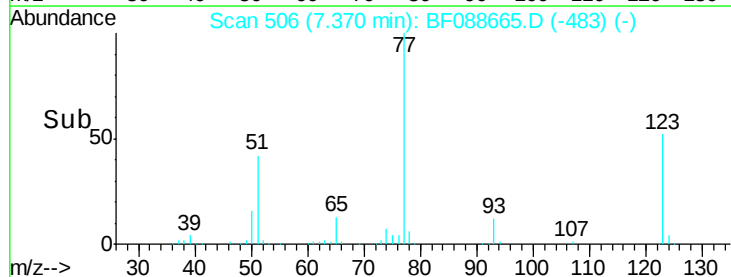
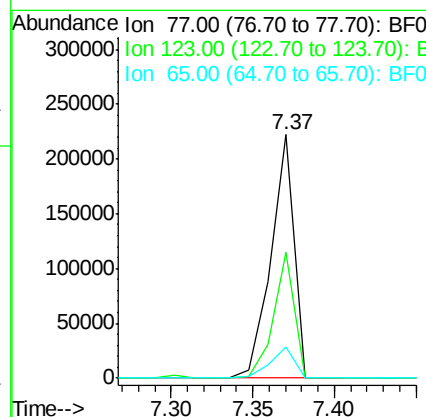
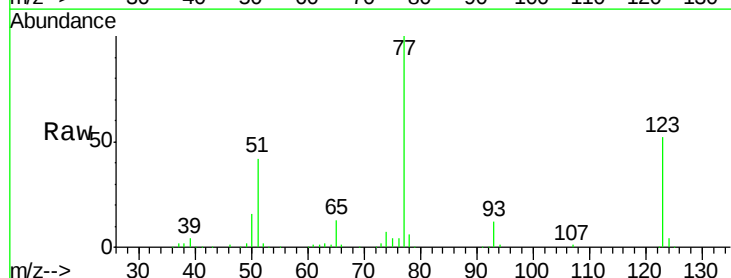
Manual Integrations

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#24
Nitrobenzene
Concen: 25.52 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.6	45.0	67.4
65	12.7	10.2	15.2





#25

Isophorone

Concen: 25.11 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMS

Tot Ion: 82 Resp: 395416

Ion Ratio Lower Upper

82 100

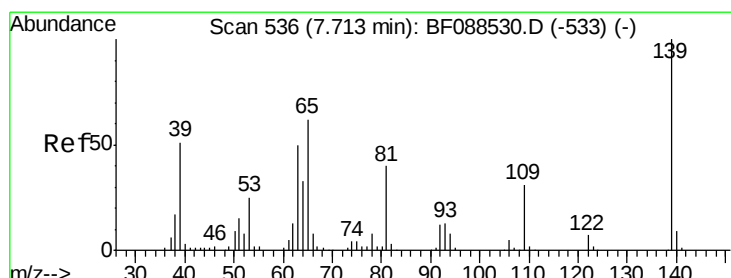
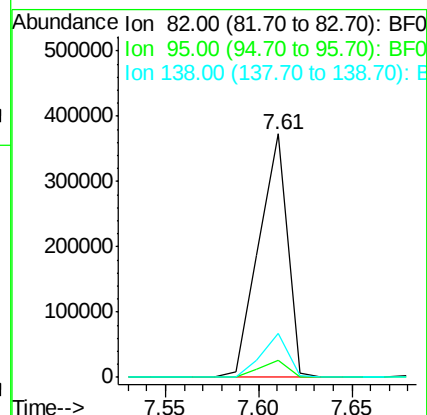
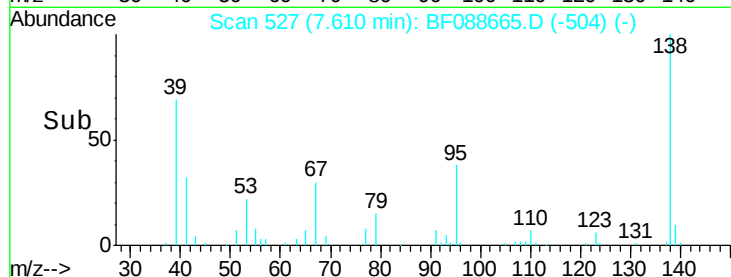
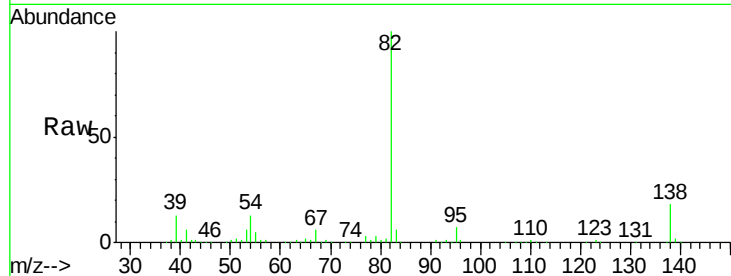
95 6.9 5.4 8.2

138 17.9 14.6 21.8

Manual Integrations

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#26

2-Nitrophenol

Concen: 24.82 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

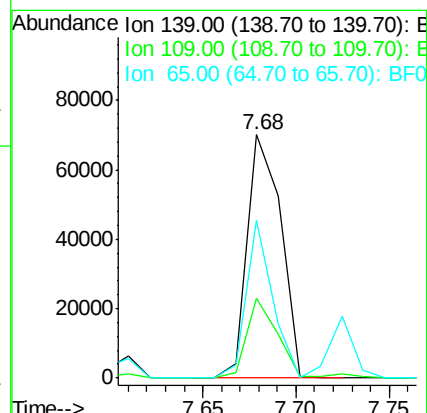
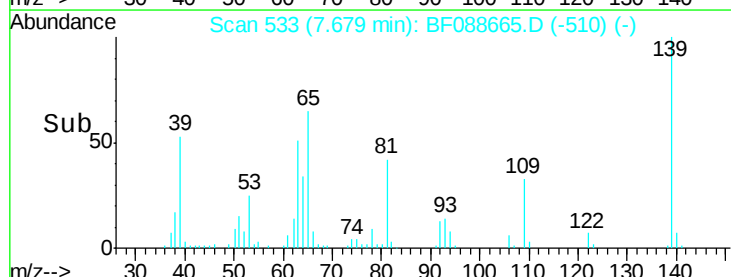
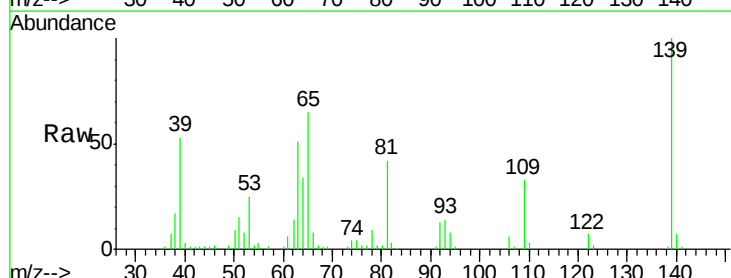
Tgt Ion: 139 Resp: 87242

Ion Ratio Lower Upper

139 100

109 33.0 23.0 34.4

65 65.1 45.8 68.8





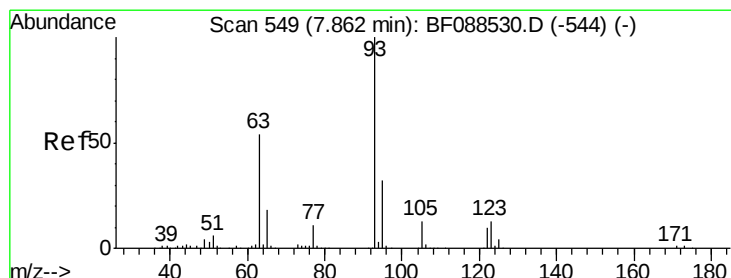
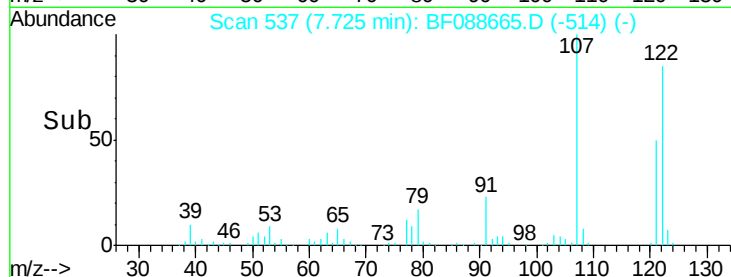
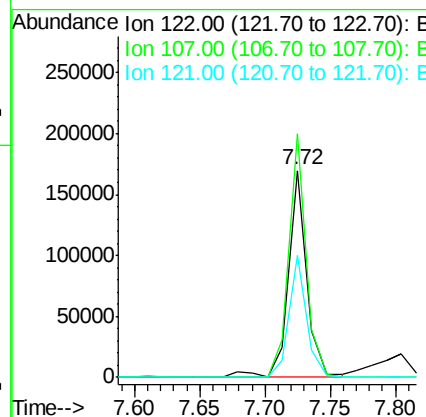
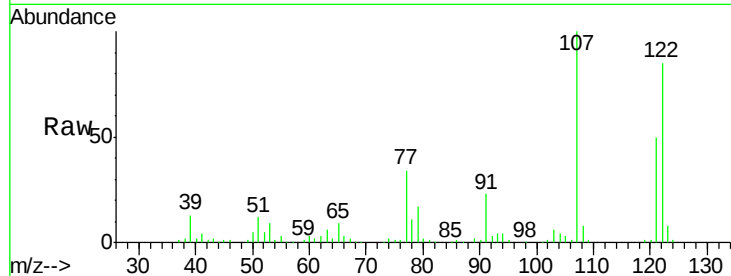
#27
2,4-Dimethylphenol
Concen: 23.02 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	82.4	123.6
121	59.1	46.3	69.5

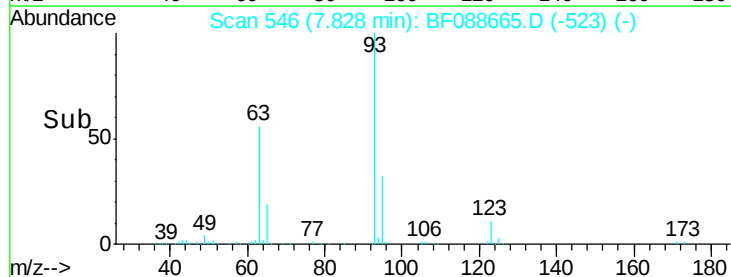
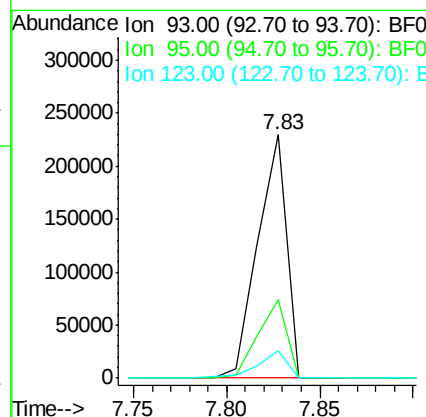
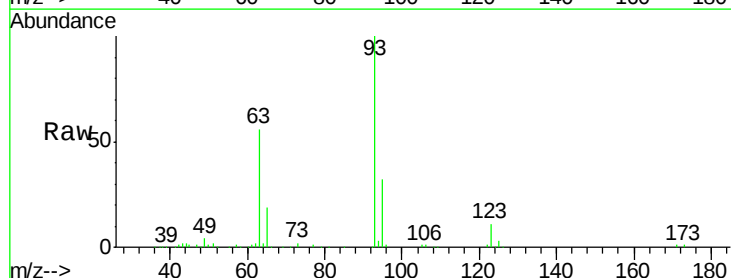
Manual Integrations

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#28
bis(2-Chloroethoxy)methane
Concen: 24.34 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	11.0	11.6	17.4





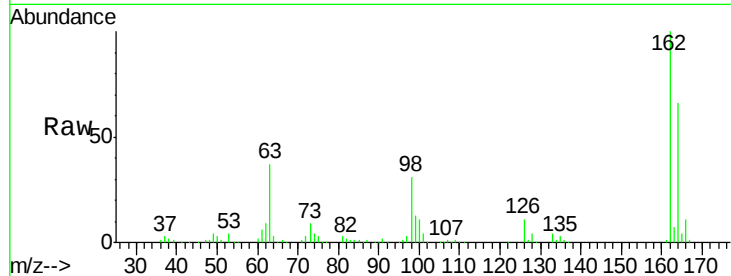
#29
2,4-Dichlorophenol
Concen: 25.69 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

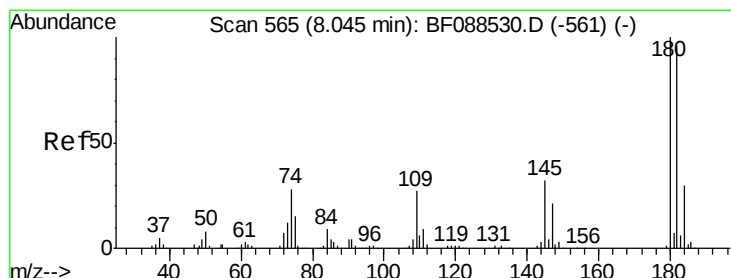
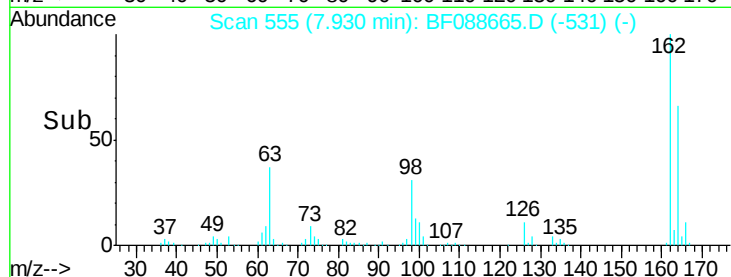
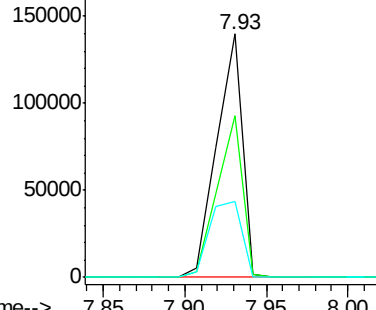
Tot Ion:	162	Resp:	152036
Ion Ratio	Lower	Upper	
162	100		
164	66.2	43.8	83.8
98	31.4	21.3	61.3

Manual Integrations

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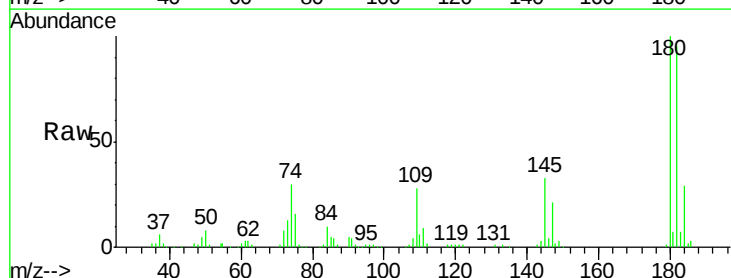


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

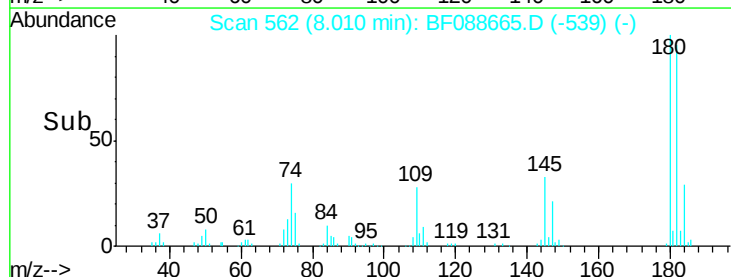
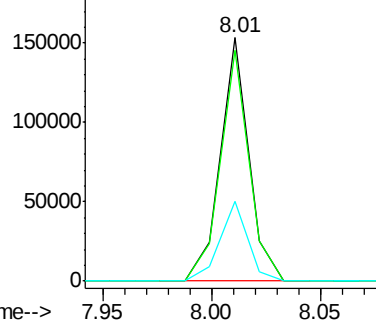


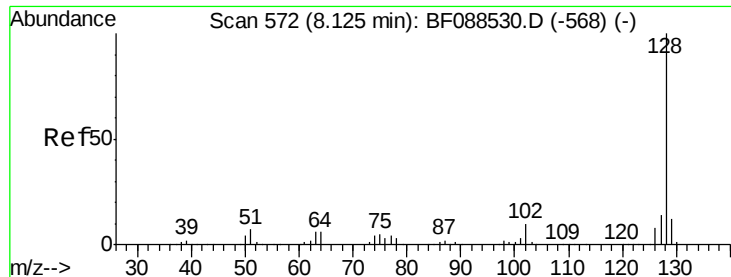
#30
1,2,4-Trichlorobenzene
Concen: 21.50 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:	180	Resp:	139597
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.0	114.0
145	32.6	26.5	39.7



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





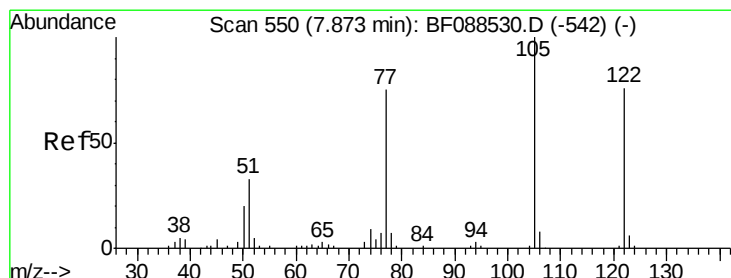
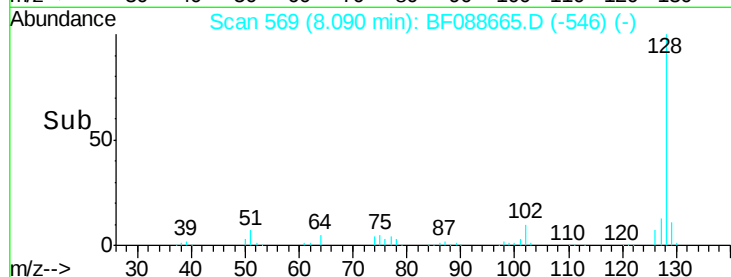
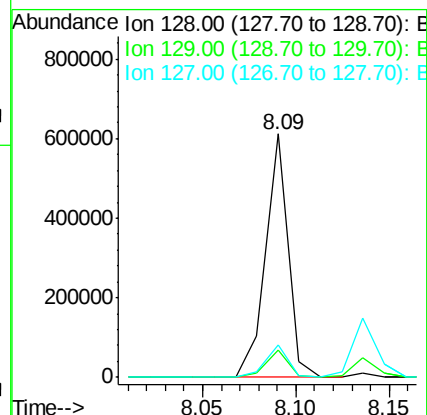
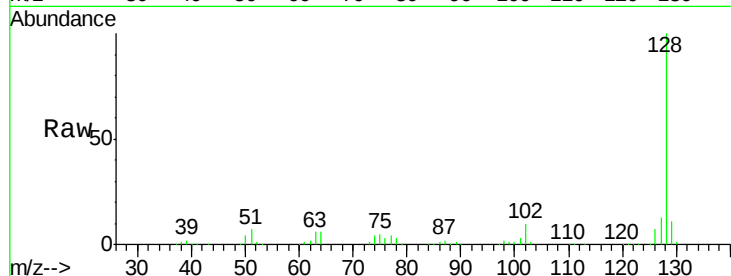
#31
Naphthalene
Concen: 23.70 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.2	10.9	16.3

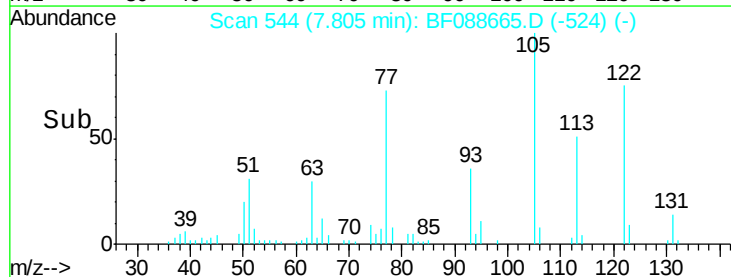
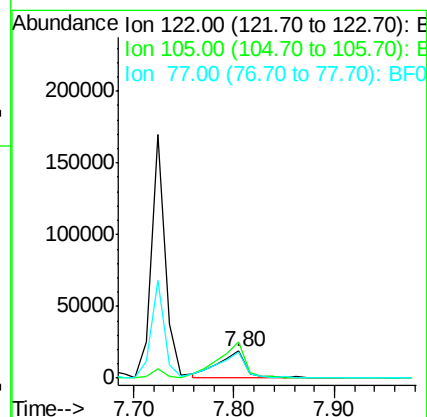
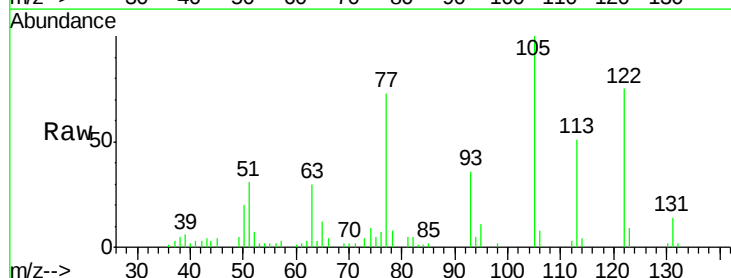
Manual Integrations

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#32
Benzoic acid
Concen: 7.08 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.07 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.7	101.6	141.6
77	96.8	70.6	110.6





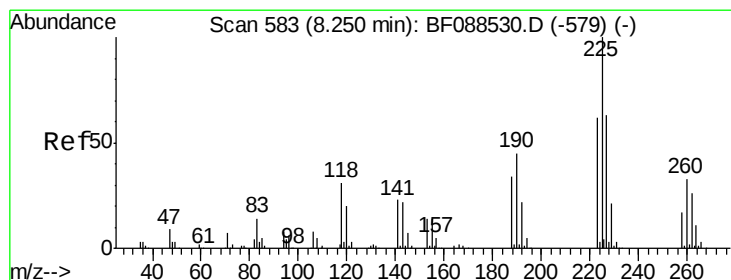
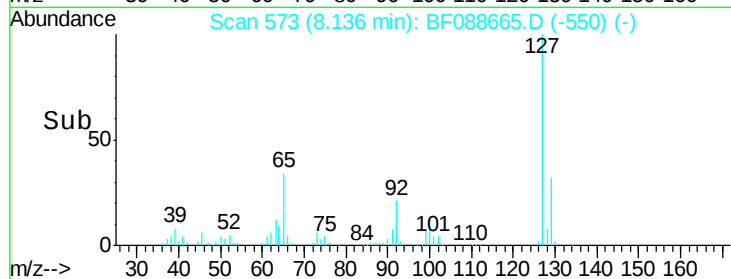
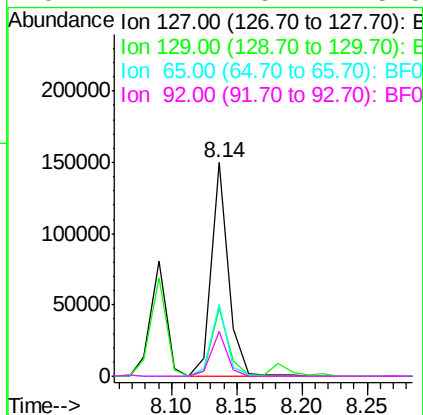
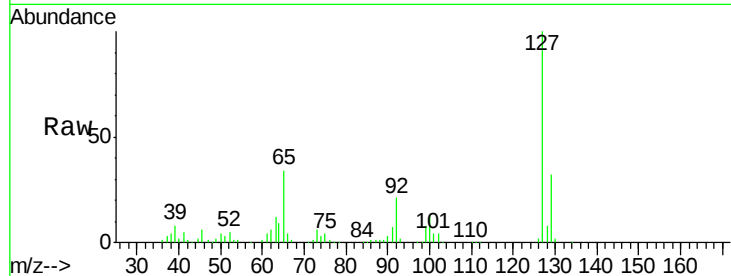
#33
 4-Chloroaniline
 Concen: 13.98 ng
 RT: 8.14 min Scan# 573
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMS

Tot Ion:	127	Resp:	136628
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.3	39.5
65	33.7	24.7	37.1
92	21.2	15.4	23.0

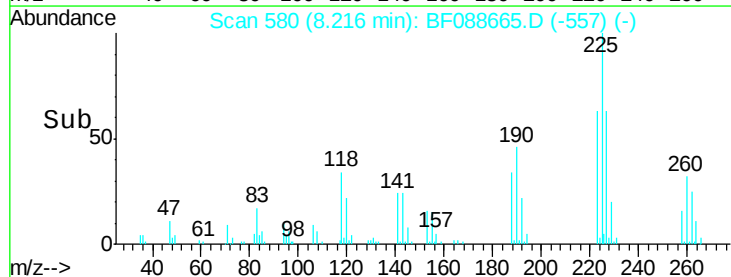
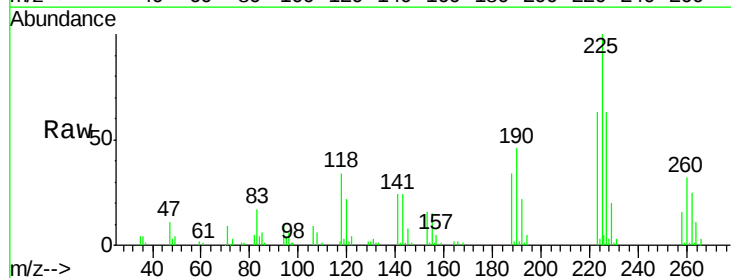
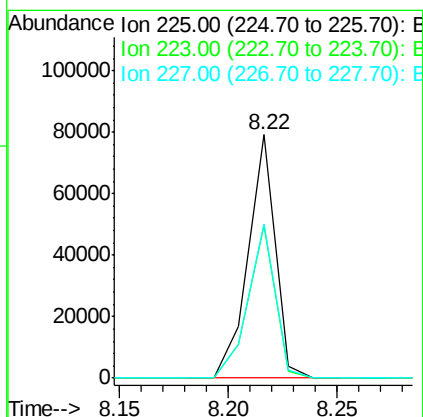
Manual Integrations

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#34
 Hexachlorobutadiene
 Concen: 19.72 ng
 RT: 8.22 min Scan# 580
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion:	225	Resp:	68555
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.9	76.3
227	63.3	51.9	77.9





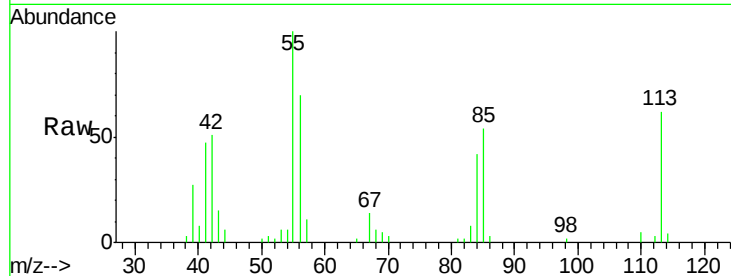
#35
Caprolactam
Concen: 25.20 ng/ml
RT: 8.52 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

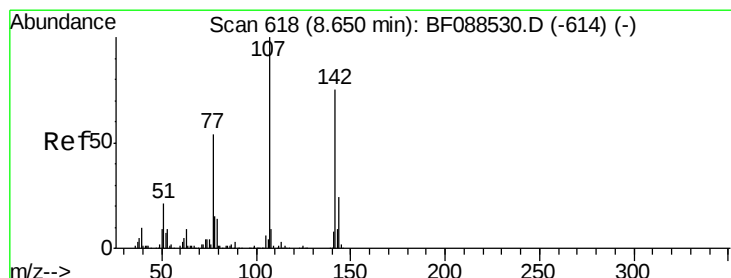
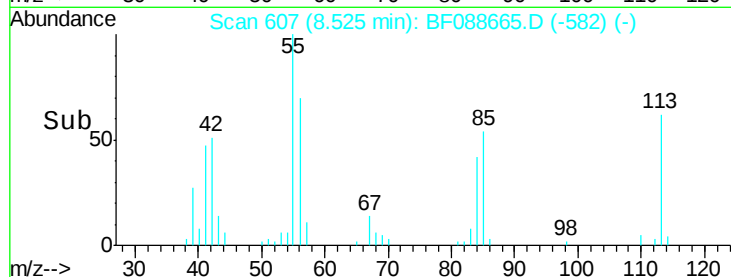
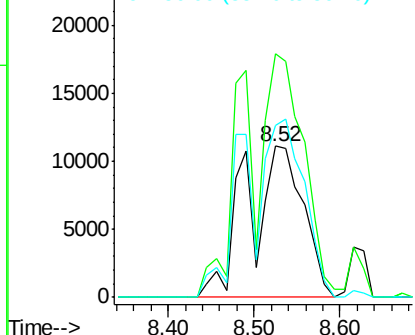
Tot Ion:113 Resp: 50641
Ion Ratio Lower Upper
113 100
55 161.1 158.6 198.6
56 113.5 110.6 150.6

Manual Integrations

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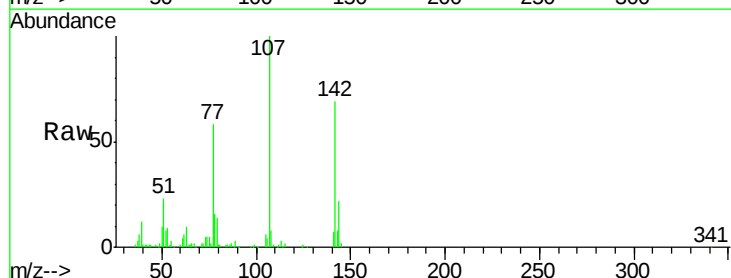


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

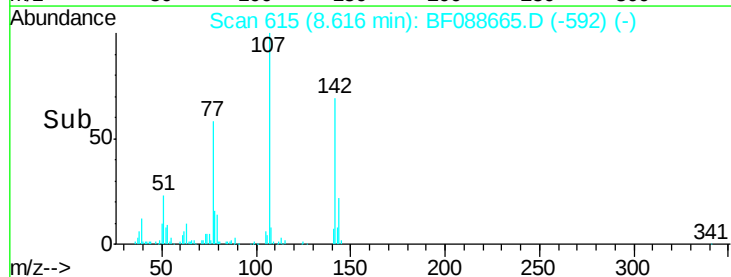
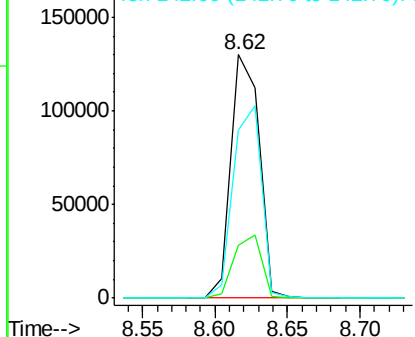


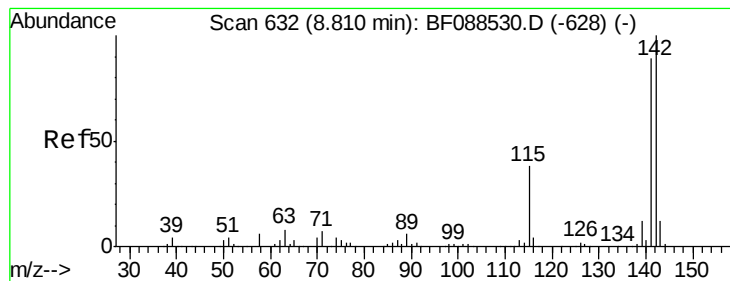
#36
4-Chloro-3-methylphenol
Concen: 25.31 ng/ml
RT: 8.62 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:107 Resp: 177099
Ion Ratio Lower Upper
107 100
144 21.8 20.8 31.2
142 69.0 63.4 95.2



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





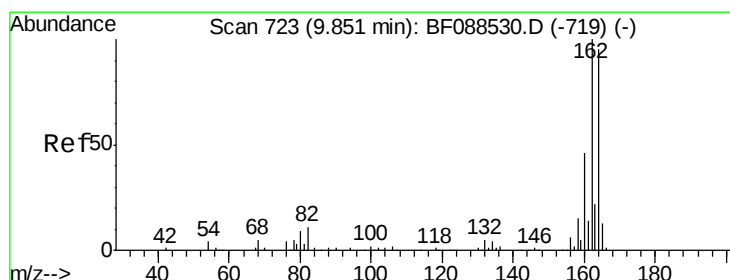
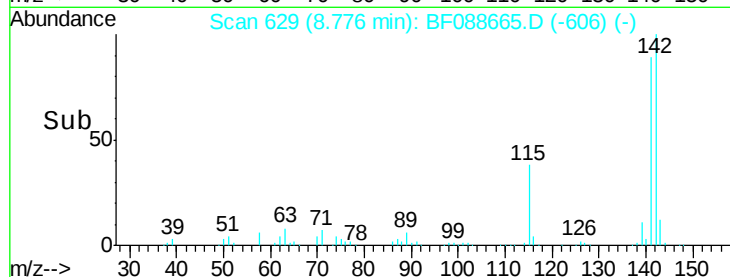
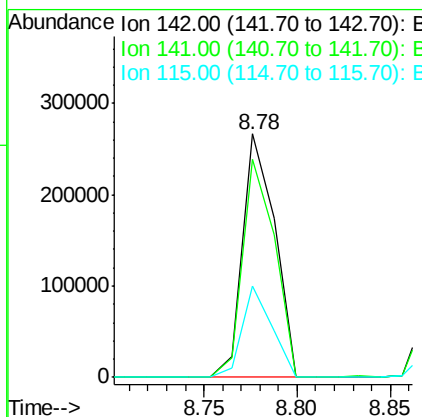
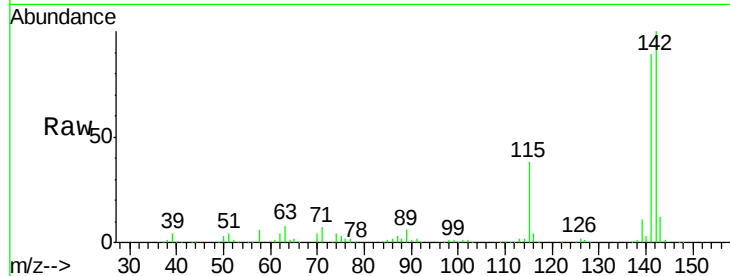
#37
2-Methylnaphthalene
Concen: 22.54 ng
RT: 8.78 min Scan# 629
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	37.6	22.6	33.8

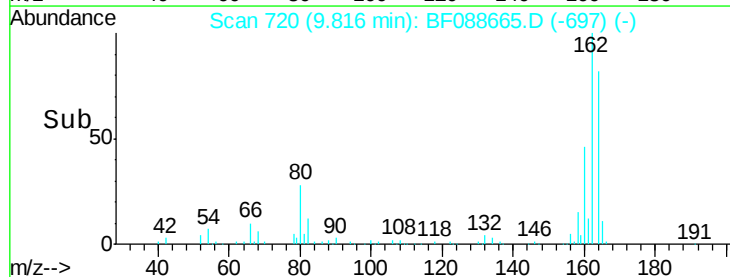
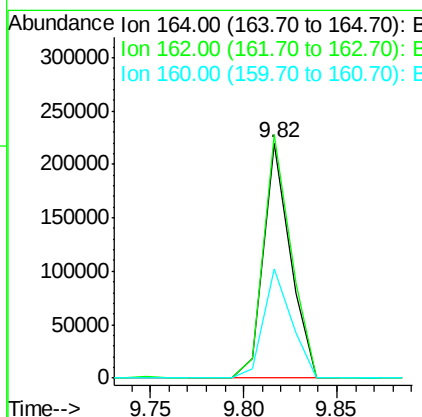
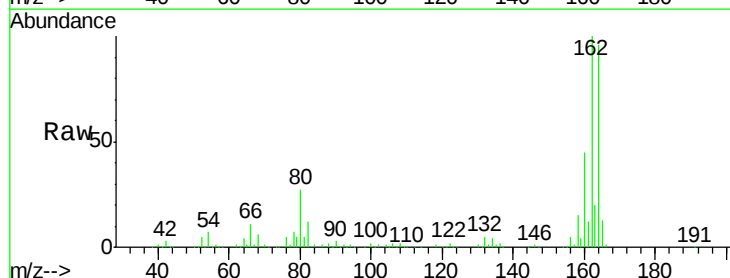
Manual Integrations

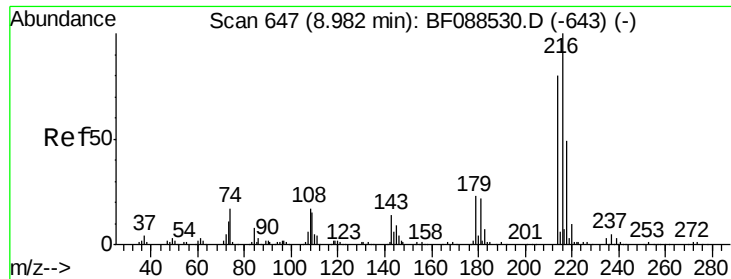
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.4	128.2
160	46.7	39.5	59.3





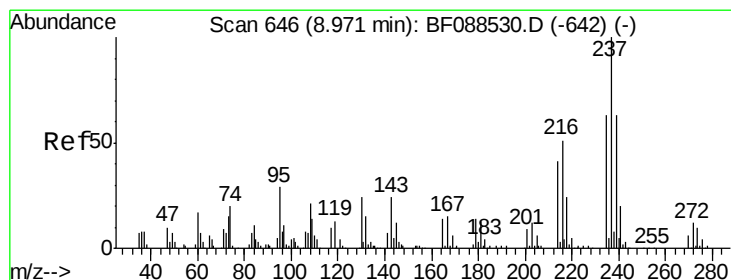
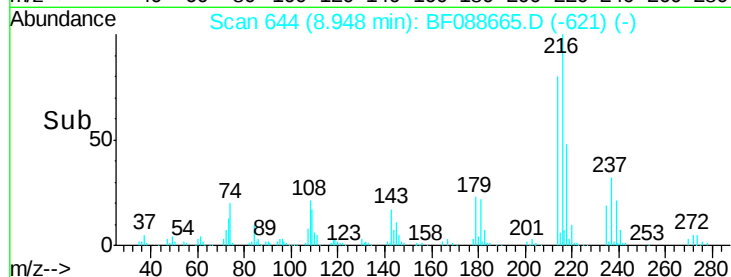
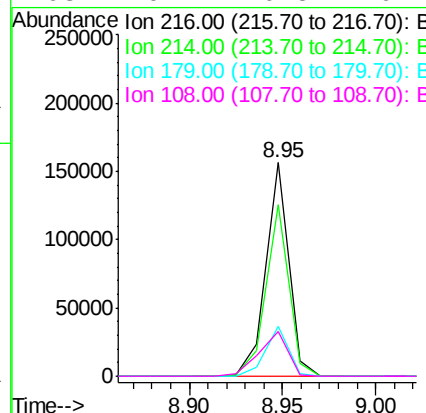
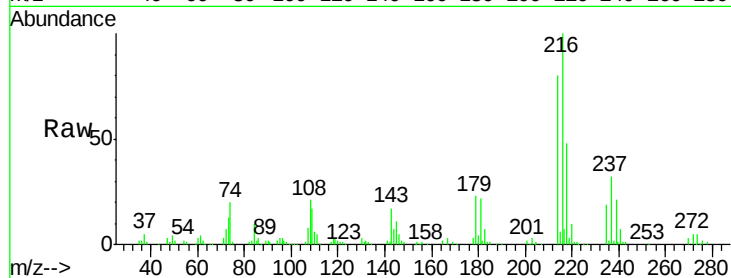
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.25 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMS

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.1	2.9	4.3#
179	23.4	0.0	0.0#
108	26.1	0.5	0.7#

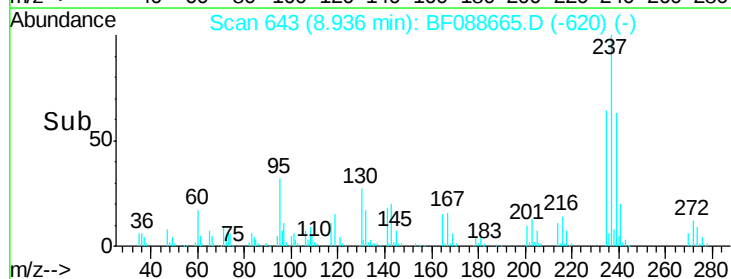
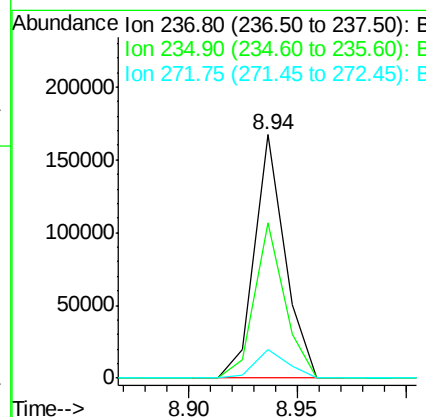
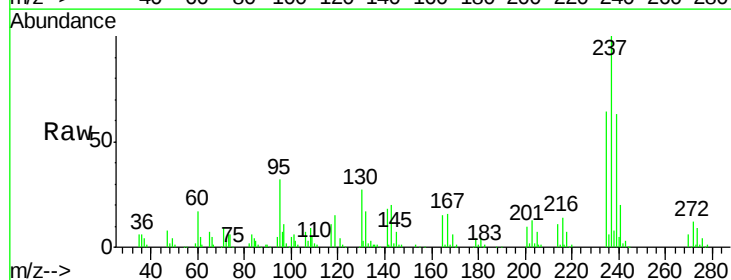
Manual Integrations

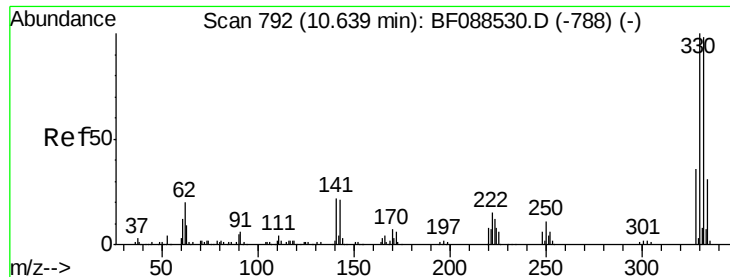
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#40
 Hexachlorocyclopentadiene
 Concen: 45.78 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.4	83.4
272	12.0	0.0	32.3





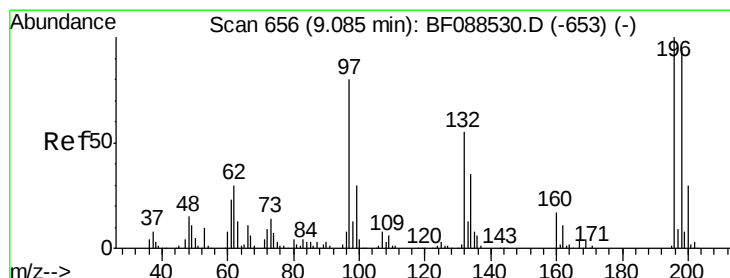
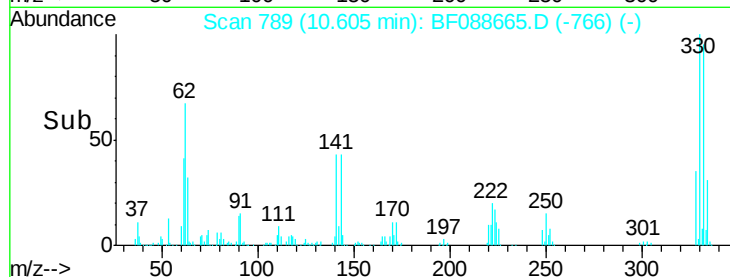
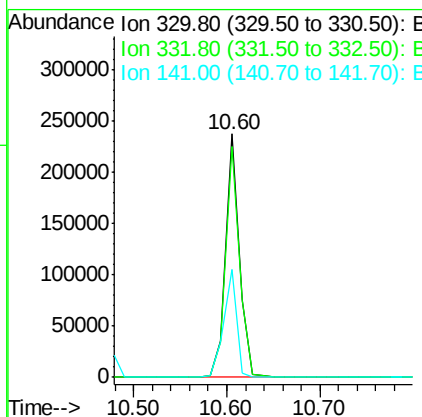
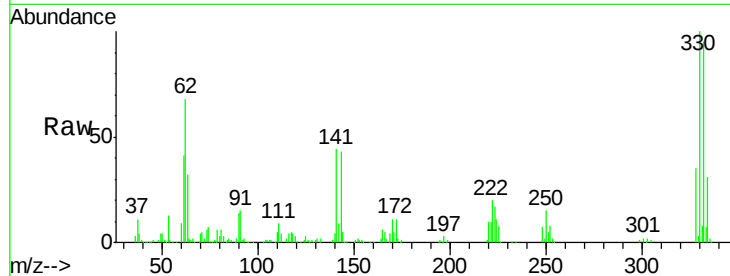
#41
 2,4,6-Tribromophenol
 Concen: 121.01 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	244431		
332	95.9	0.0	0.0	0.0
141	41.3	0.0	0.0	0.0

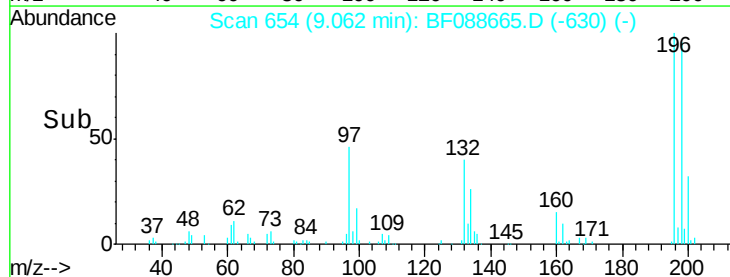
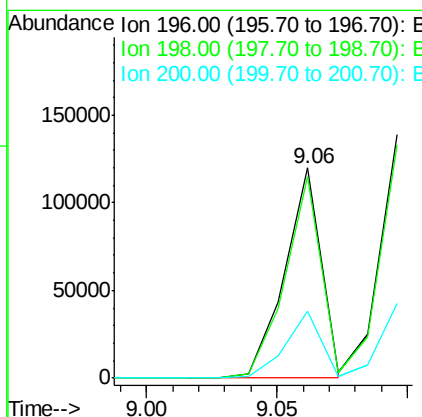
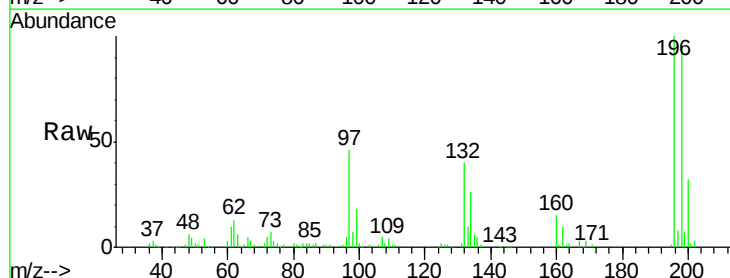
Manual Integrations

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#42
 2,4,6-Trichlorophenol
 Concen: 24.31 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115963		
198	95.8	78.0	117.0	
200	31.6	25.4	38.2	





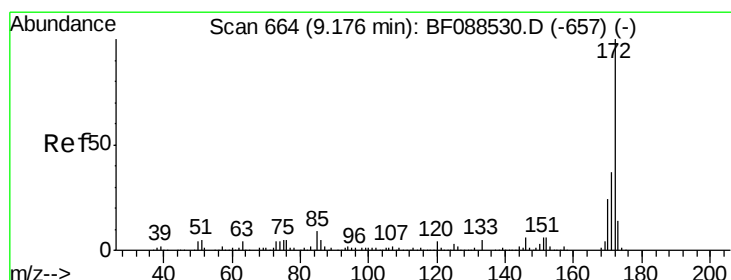
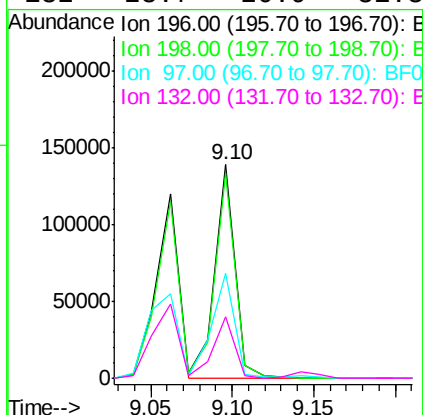
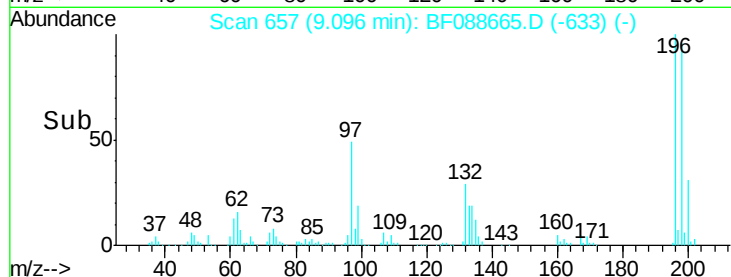
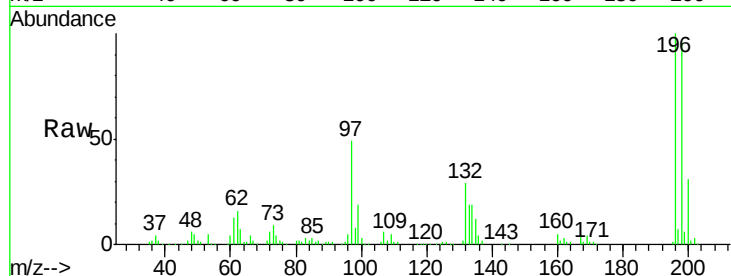
#43
 2,4,5-Trichlorophenol
 Concen: 29.23 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		119951		
198	95.8	77.5	116.3		
97	49.3	32.0	48.0		
132	28.7	20.9	31.3		

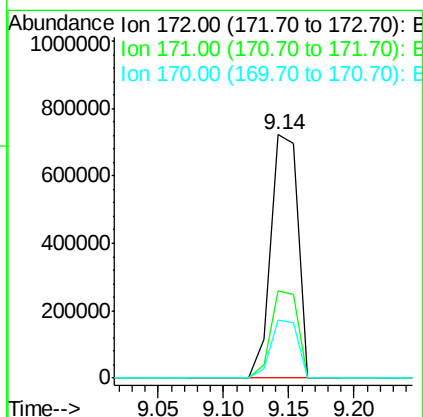
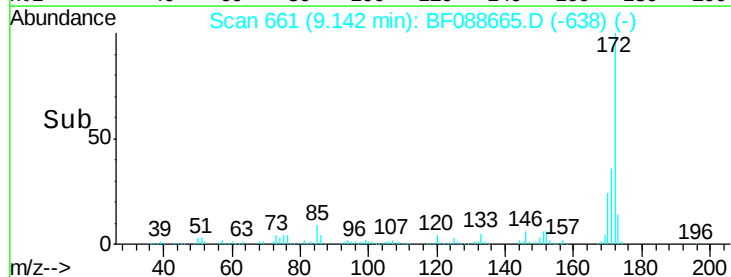
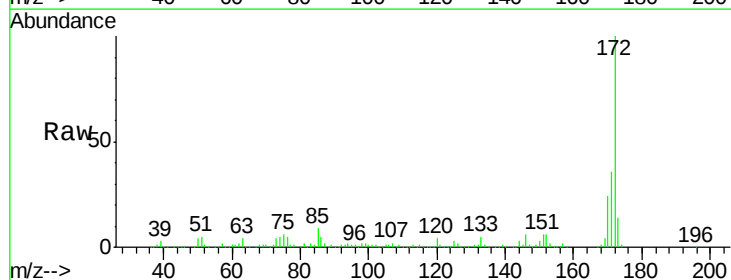
Manual Integrations

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#44
 2-Fluorobiphenyl
 Concen: 76.66 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1055687		
171	36.1	28.6	43.0		
170	23.7	19.2	28.8		





#45

1,1'-Biphenyl

Concen: 22.68 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMS

Tot Ion:154 Resp: 408470

Ion Ratio Lower Upper

154 100

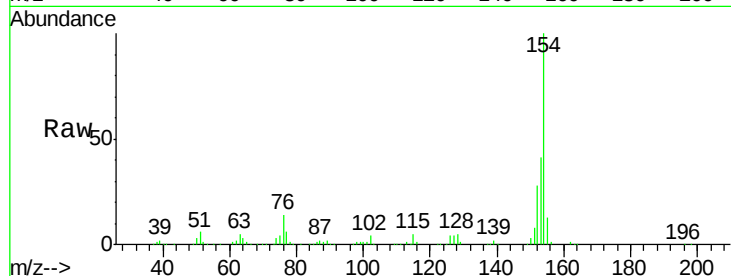
153 40.9 20.6 60.6

76 14.2 0.0 35.1

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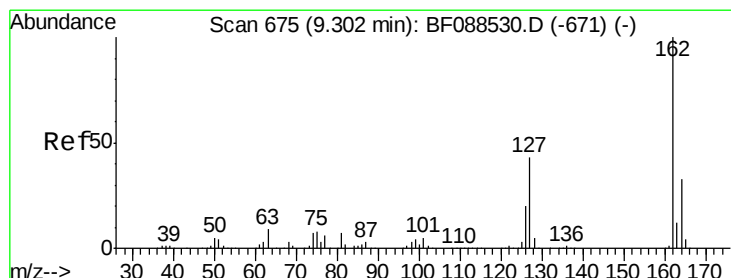
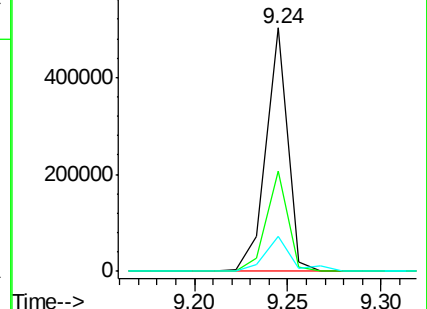
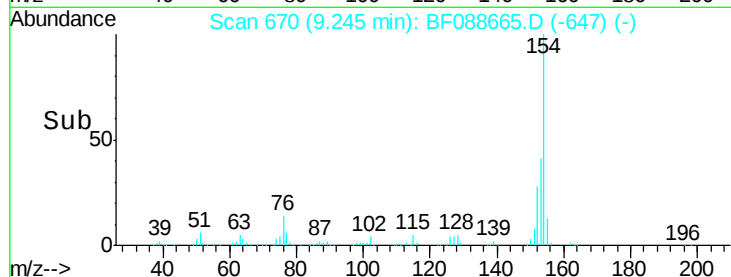
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 23.08 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

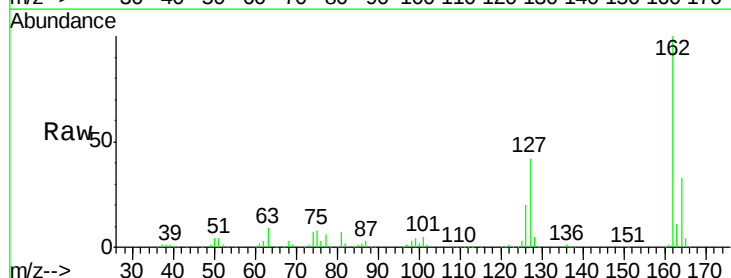
Tgt Ion:162 Resp: 326338

Ion Ratio Lower Upper

162 100

127 41.7 35.2 52.8

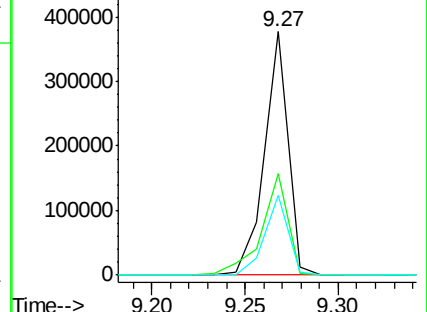
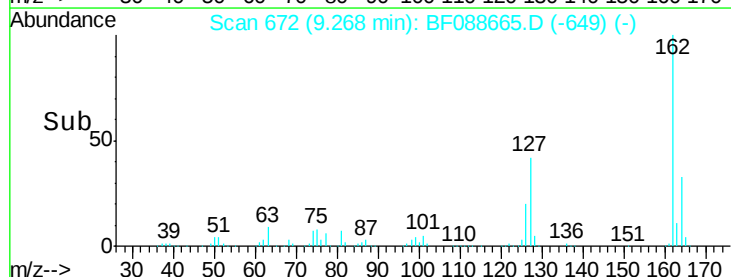
164 32.7 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





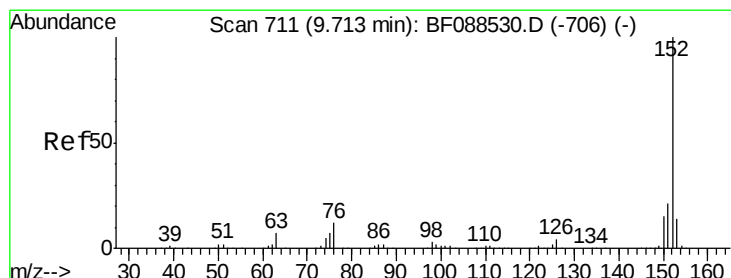
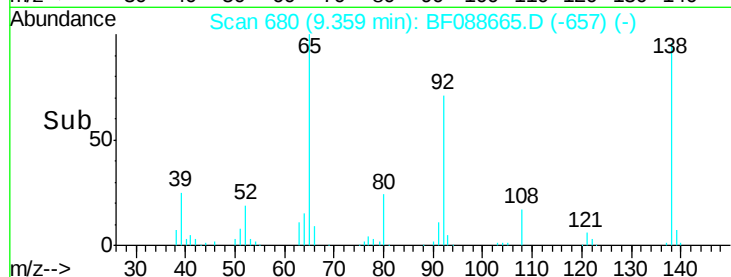
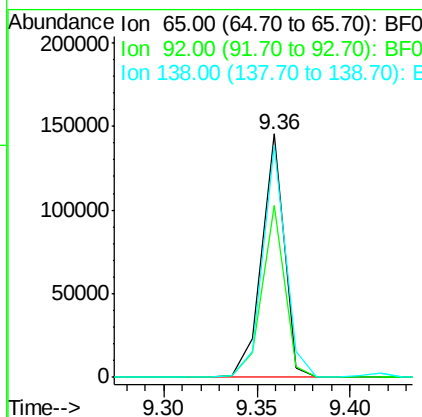
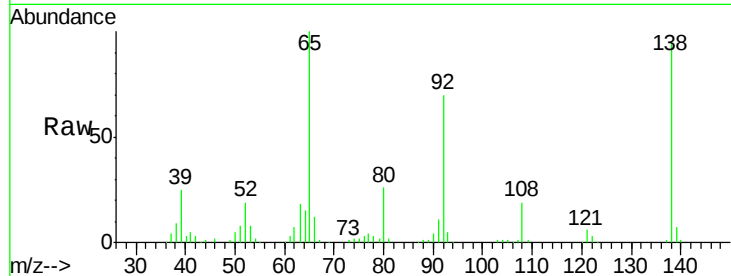
#47
2-Nitroaniline
Concen: 23.96 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.4	54.6	82.0
138	95.3	77.0	115.4

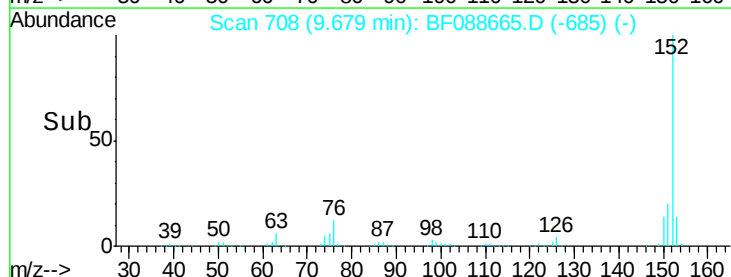
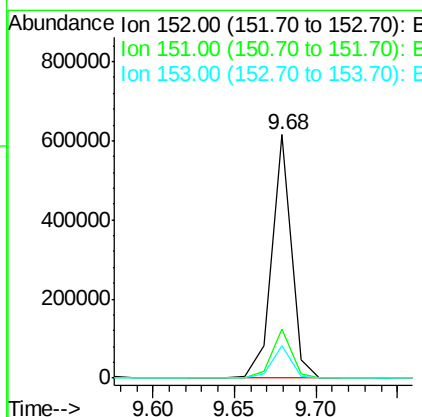
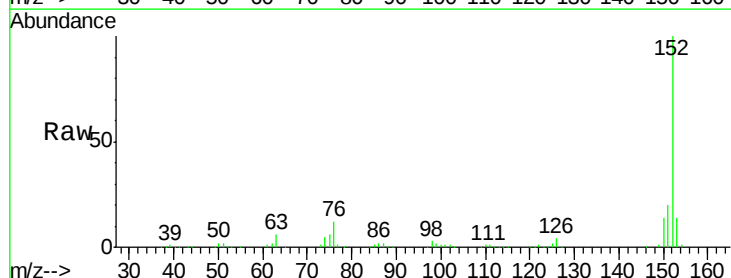
Manual Integrations

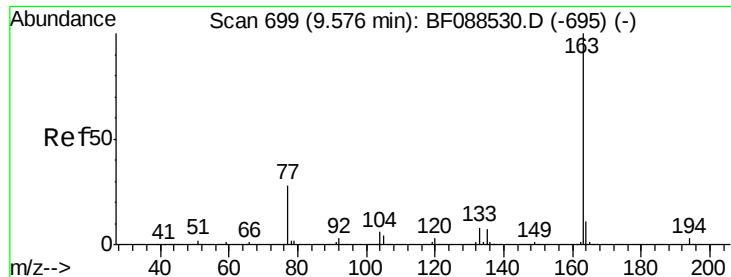
umangi
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#48
Acenaphthylene
Concen: 22.76 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.5	11.0	16.6





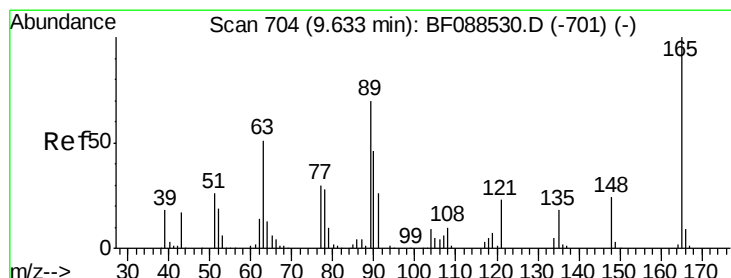
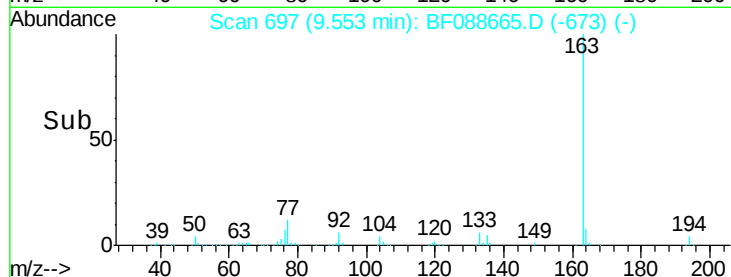
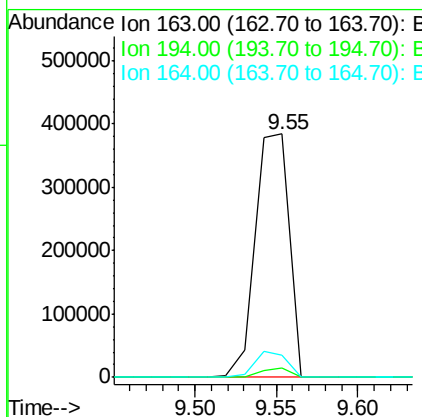
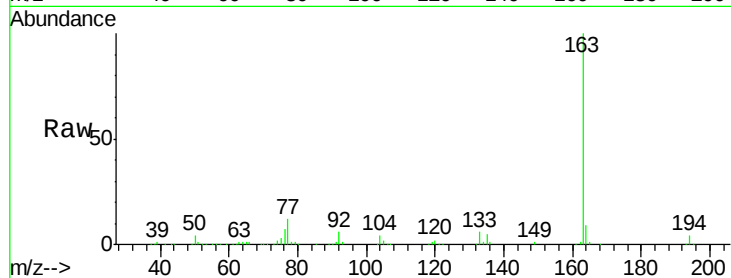
#49
Dimethylphthalate
Concen: 35.83 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	555216		
194	4.0		2.8	4.2
164	9.2		8.3	12.5

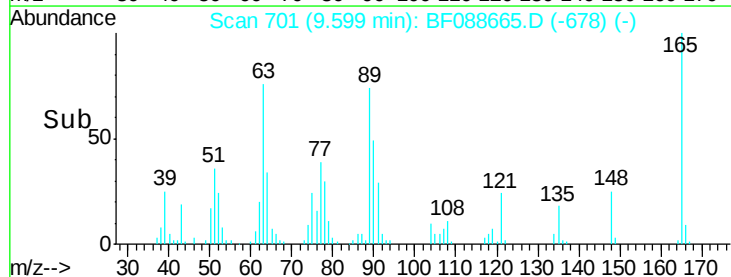
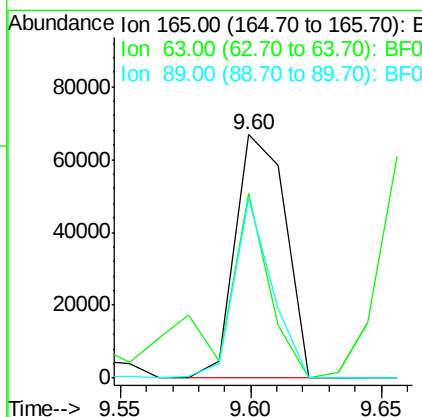
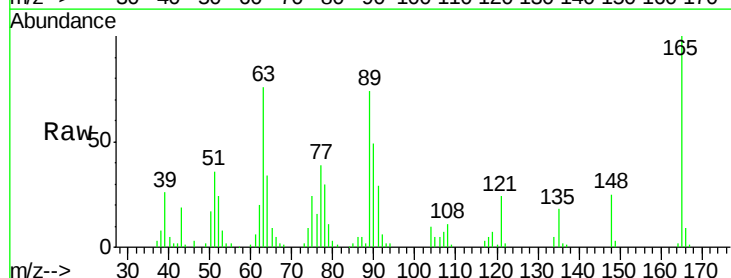
Manual Integrations

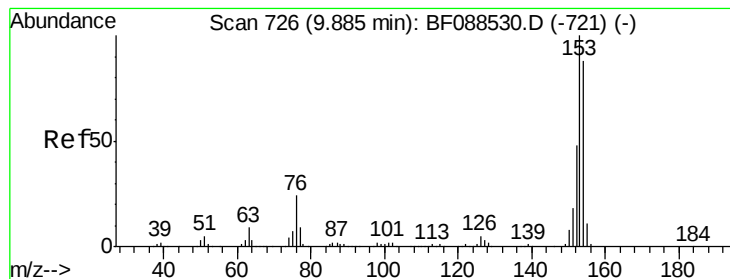
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#50
2,6-Dinitrotoluene
Concen: 25.99 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	89260		
63	75.8		28.1	42.1#
89	73.7		32.2	48.2#





#51

Acenaphthene

Concen: 24.28 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMS

Tot Ion:154 Resp: 334846

Ion Ratio Lower Upper

154 100

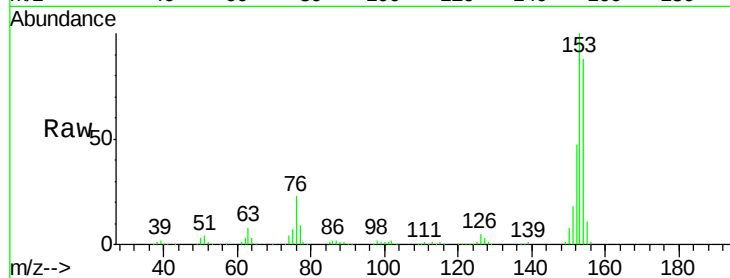
153 113.6 89.5 134.3

152 54.0 42.7 64.1

Manual Integrations

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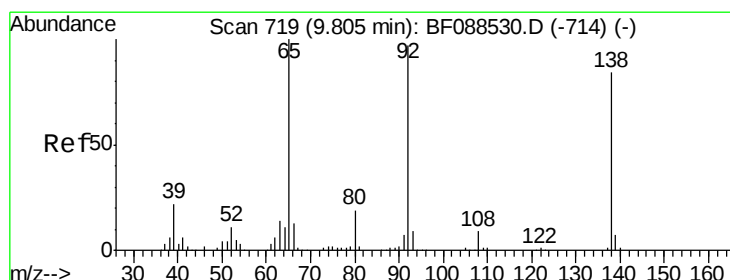
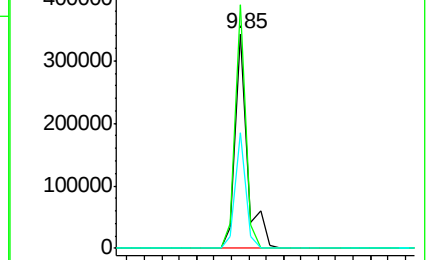
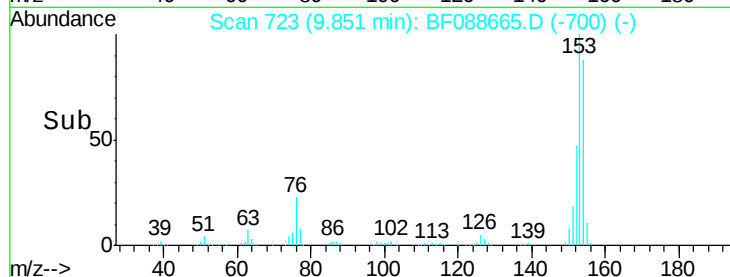
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.43 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

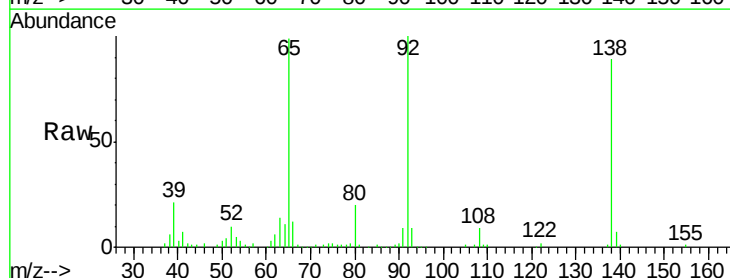
Tgt Ion:138 Resp: 84844

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

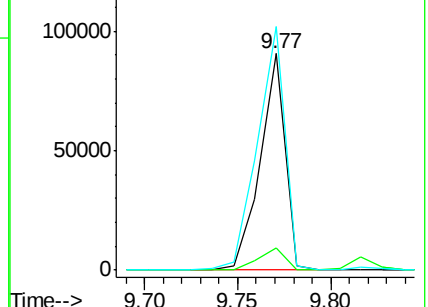
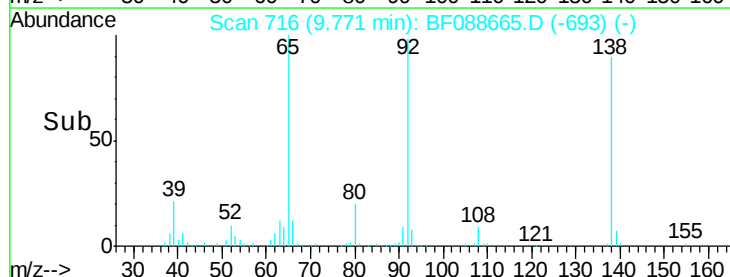
92 112.5 95.7 143.5

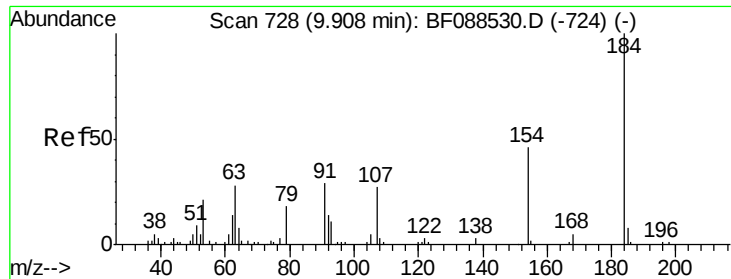


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





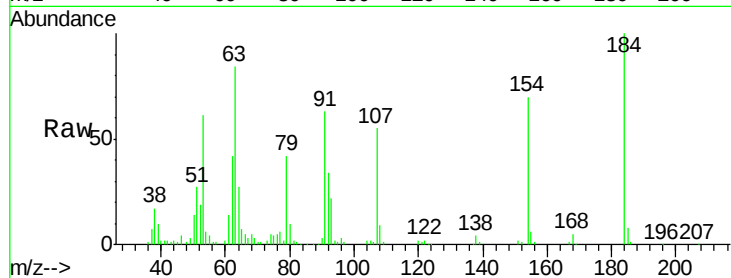
#53
2,4-Dinitrophenol
Concen: 47.37 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

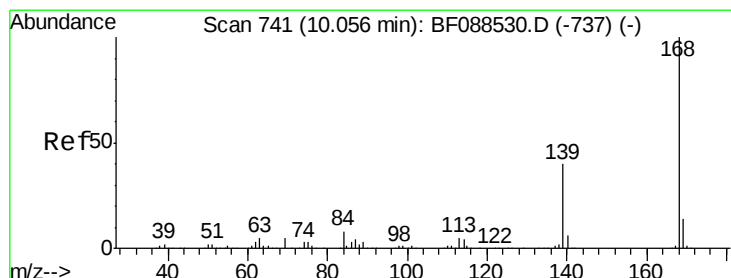
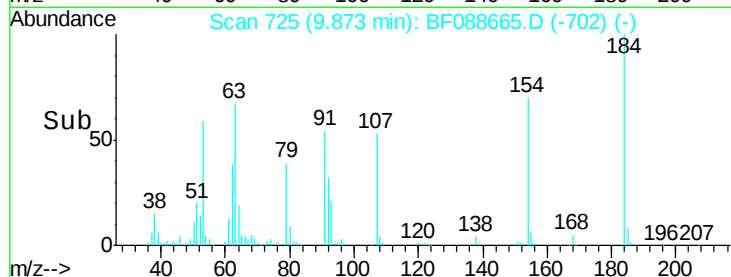
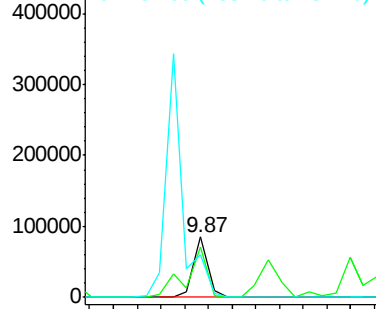
Tot Ion:184 Resp: 71842
Ion Ratio Lower Upper
184 100
63 83.9 57.6 86.4
154 69.8 53.5 80.3

Manual Integrations

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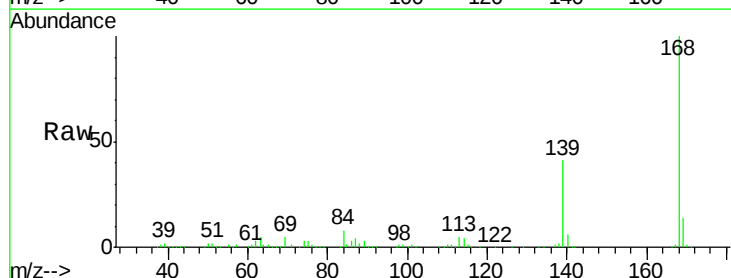


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

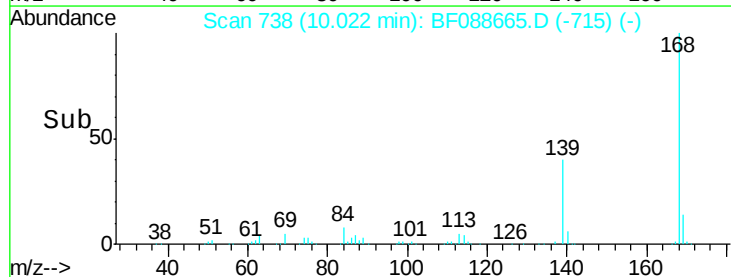
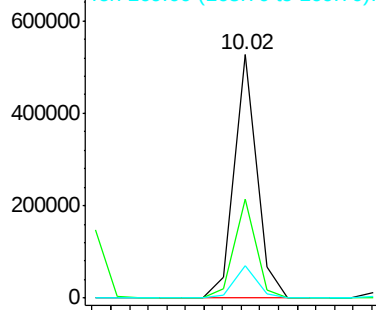


#54
Dibenzofuran
Concen: 24.39 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:168 Resp: 440359
Ion Ratio Lower Upper
168 100
139 40.5 26.4 39.6#
169 13.5 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





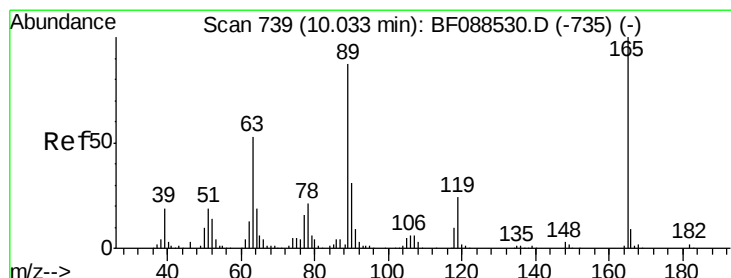
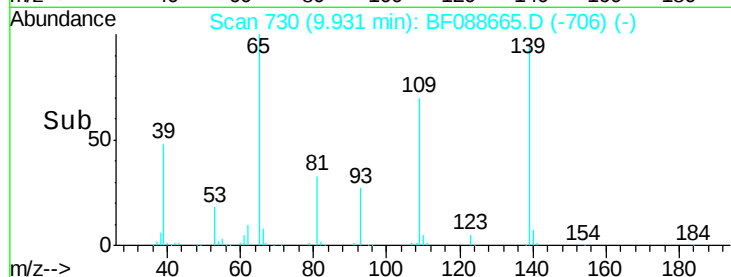
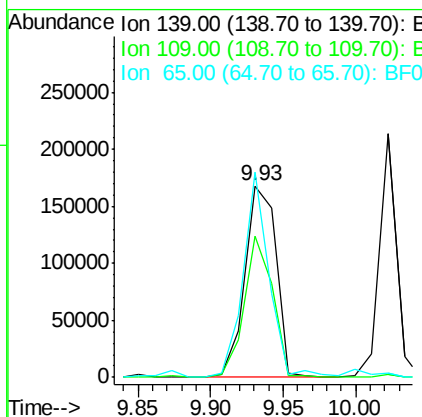
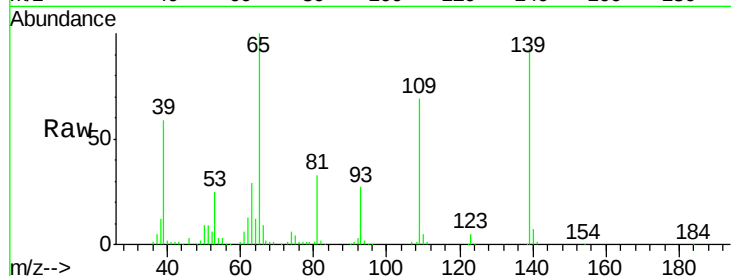
#55
4-Nitrophenol
Concen: 75.30 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	249837		
109	73.7	48.9	88.9	
65	107.1	84.9	124.9	

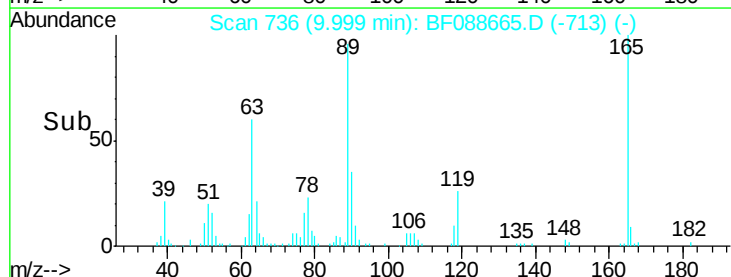
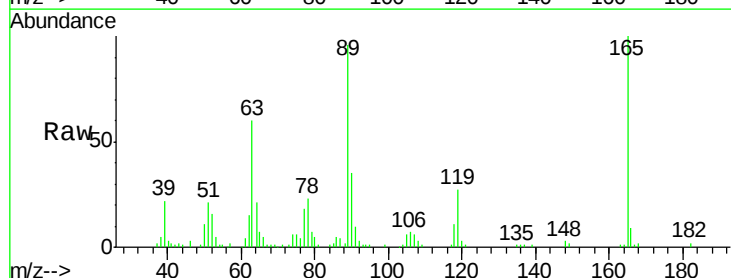
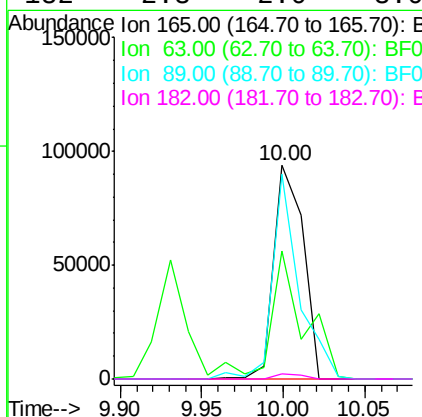
Manual Integrations

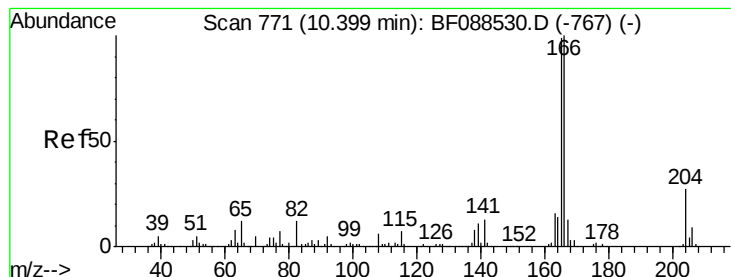
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#56
2,4-Dinitrotoluene
Concen: 26.39 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	118509		
63	59.7	22.0	33.0#	
89	95.9	41.1	61.7#	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 24.49 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF088665.D

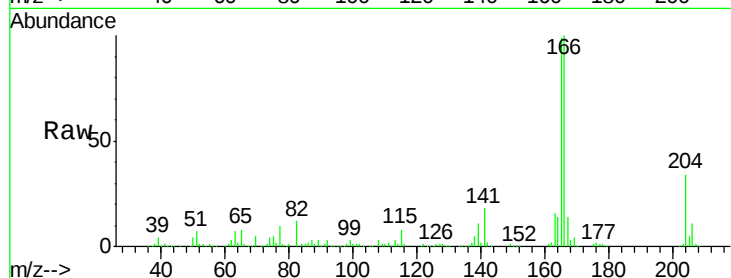
Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMS



Tot Ion:166 Resp: 340724

Ion Ratio Lower Upper

166 100

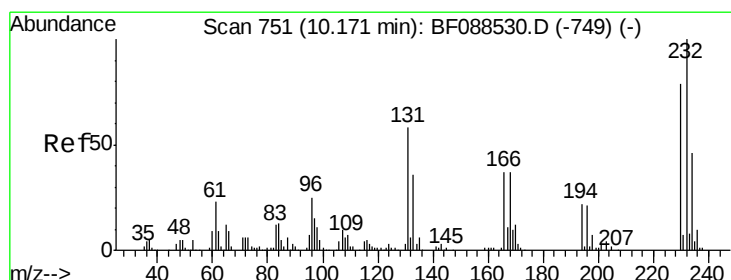
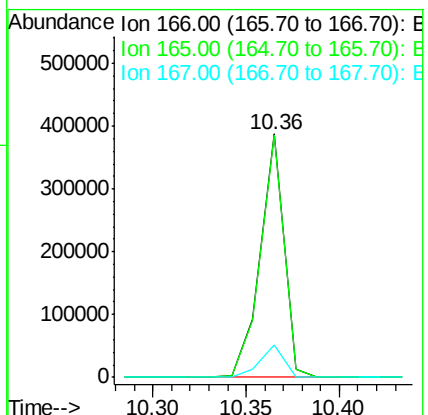
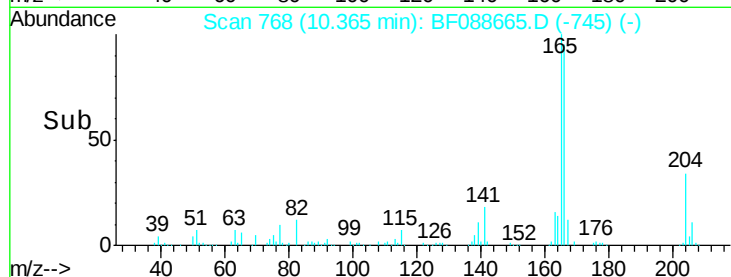
165 99.4 77.8 116.8

167 13.6 11.2 16.8

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 27.49 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Tgt Ion:232 Resp: 87287

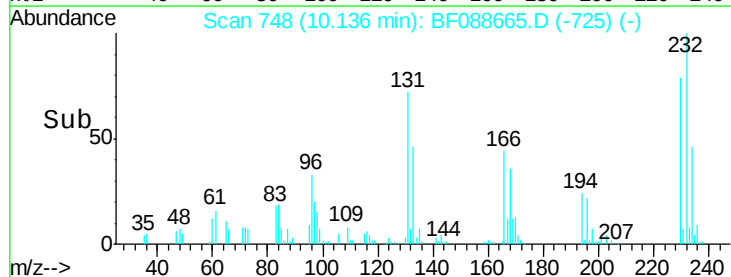
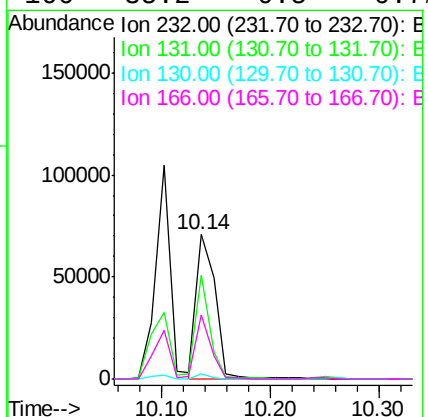
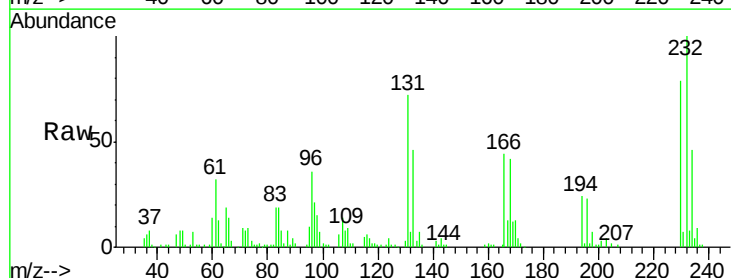
Ion Ratio Lower Upper

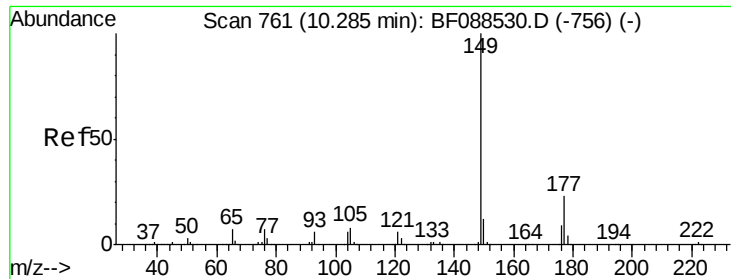
232 100

131 54.3 0.9 1.3#

130 2.4 1.5 2.3#

166 35.2 0.5 0.7#





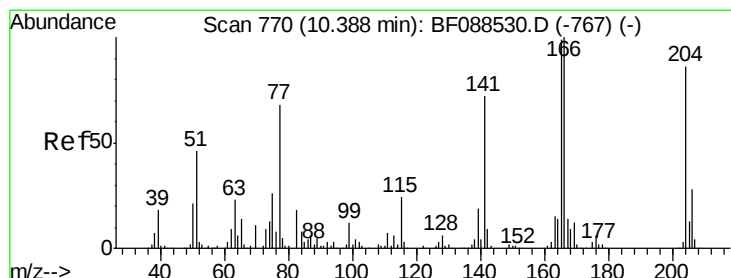
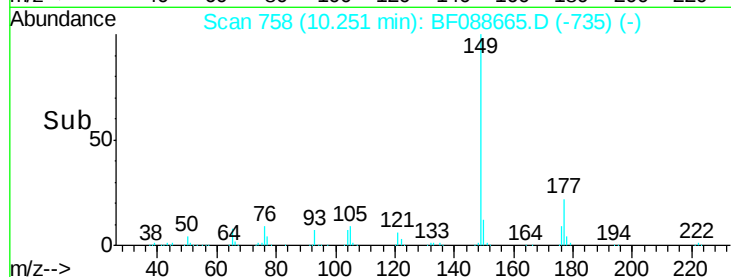
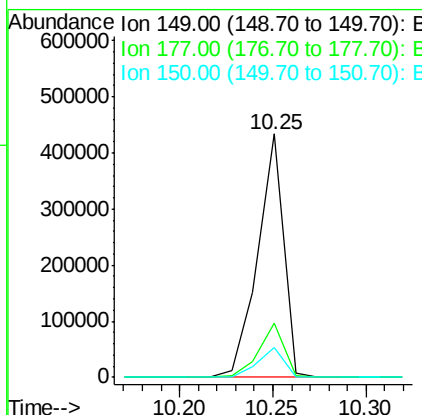
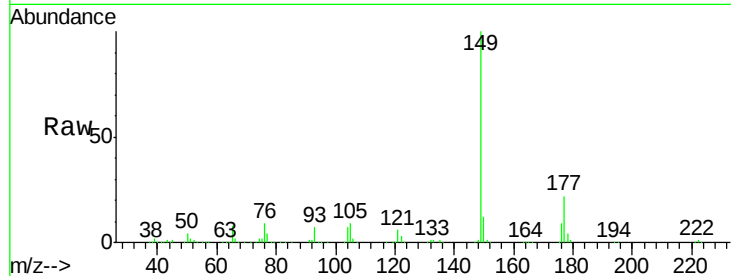
#59
Diethylphthalate
Concen: 26.74 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.9	25.3
150	12.4	10.1	15.1

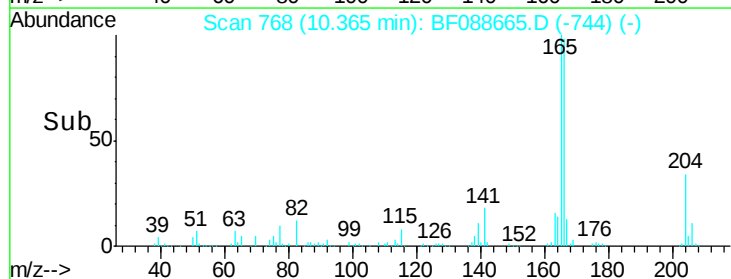
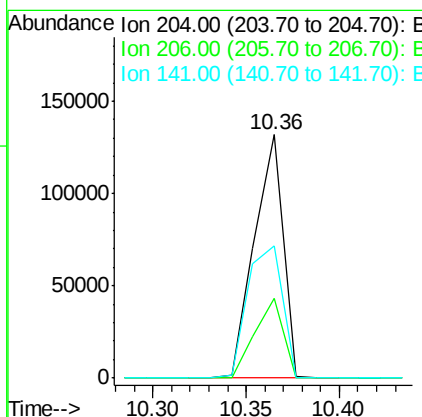
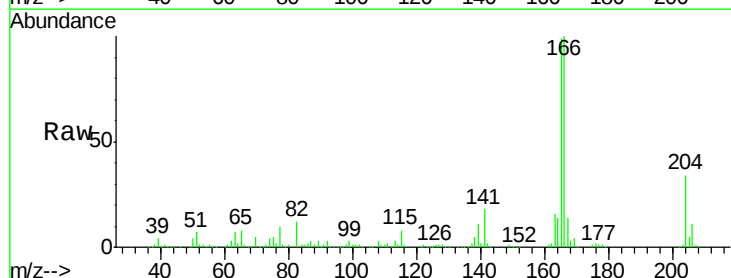
Manual Integrations

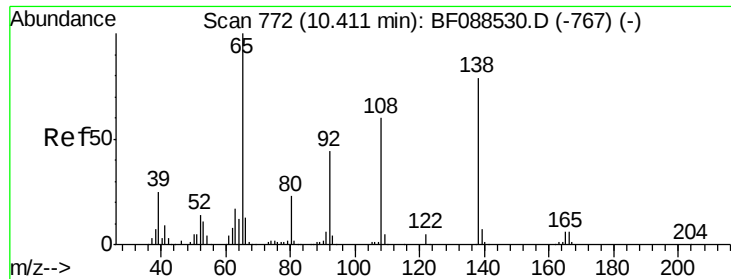
umangi
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#60
4-Chlorophenyl-phenylether
Concen: 21.78 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	54.2	55.0	82.6#





#61

4-Nitroaniline

Concen: 21.13 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF088665.D

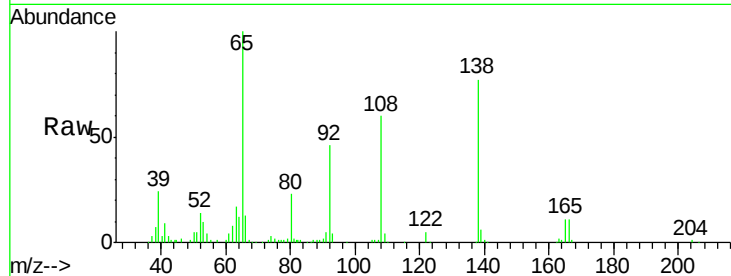
Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMS



Tot Ion:138 Resp: 88779

Ion Ratio Lower Upper

138 100

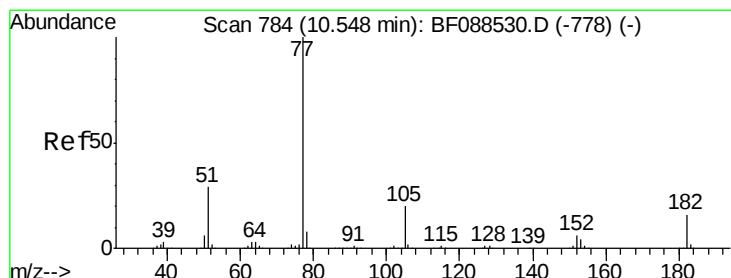
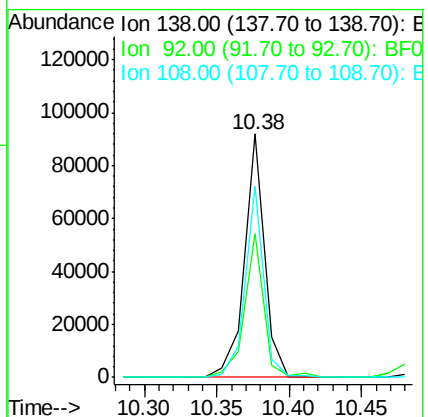
92 59.2 27.3 67.3

108 78.4 46.7 86.7

Manual Integrations

umangi

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#62

Azobenzene

Concen: 23.96 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Tgt Ion: 77 Resp: 425032

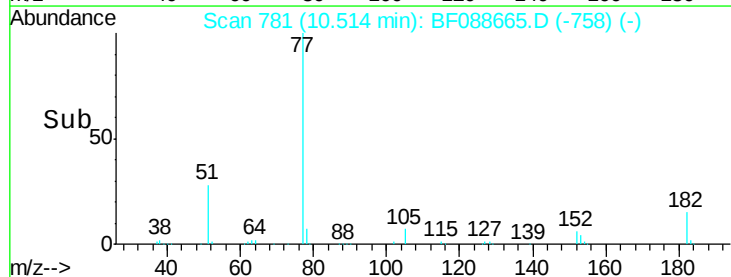
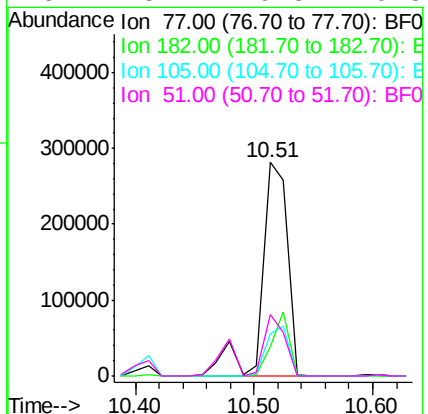
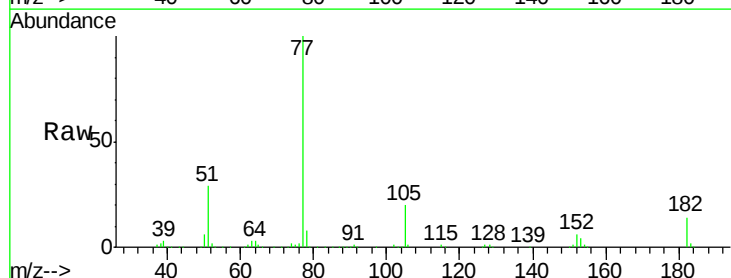
Ion Ratio Lower Upper

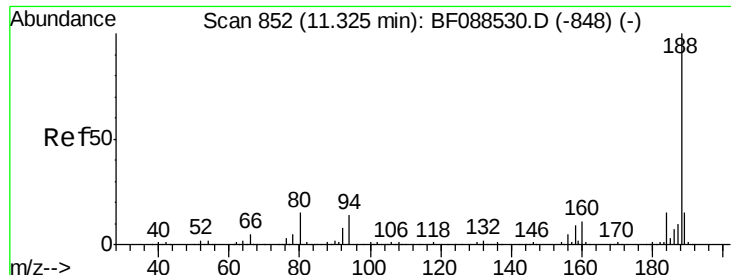
77 100

182 13.9 4.4 44.4

105 19.9 3.8 43.8

51 28.7 9.3 49.3





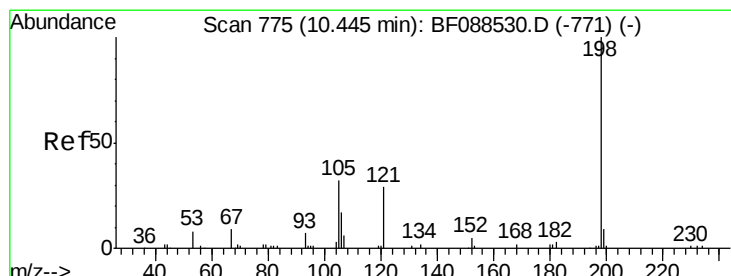
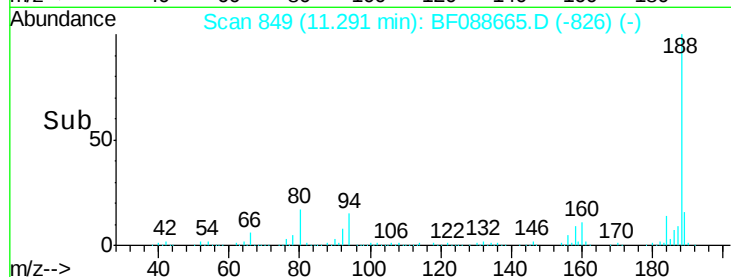
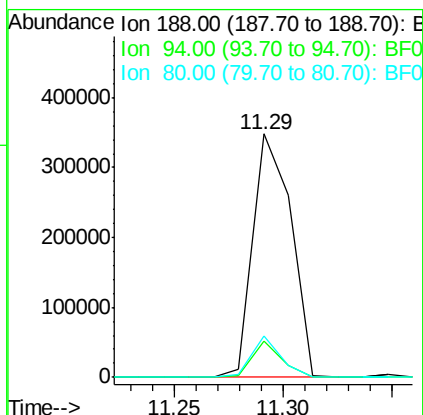
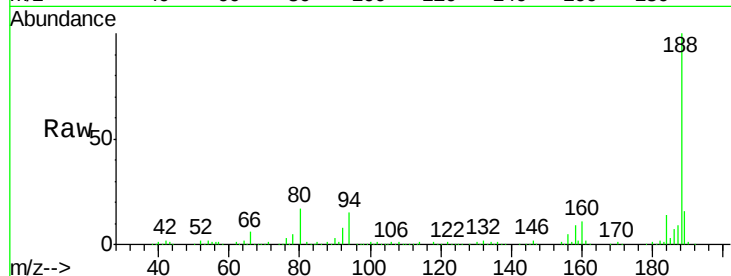
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ratio	Lower	Upper
188	100		
94	14.9	9.0	13.6#
80	16.8	10.0	15.0#

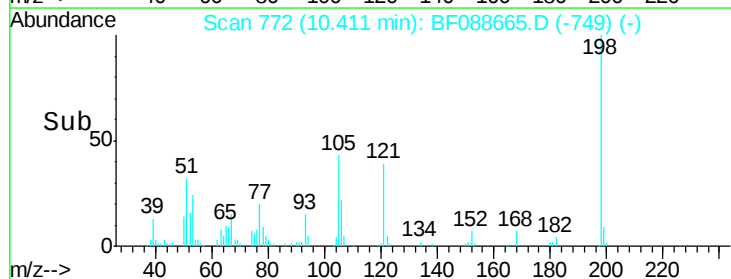
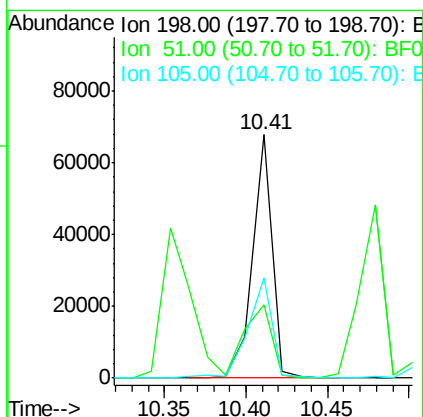
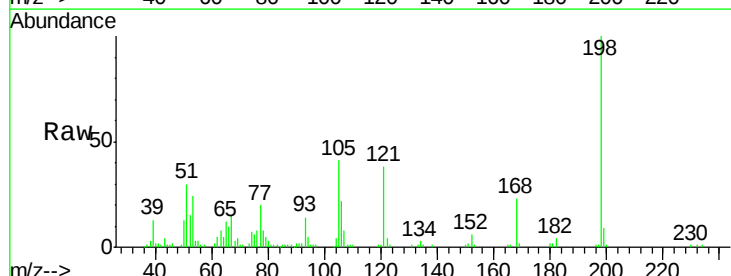
Manual Integrations

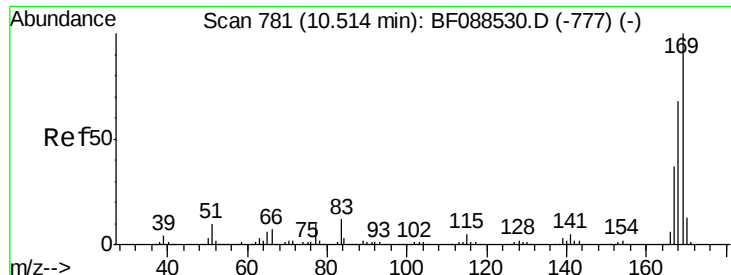
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.57 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
198	100		
51	30.3	39.6	79.6#
105	41.0	36.6	76.6





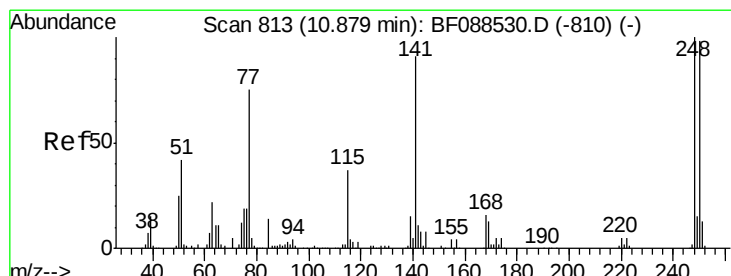
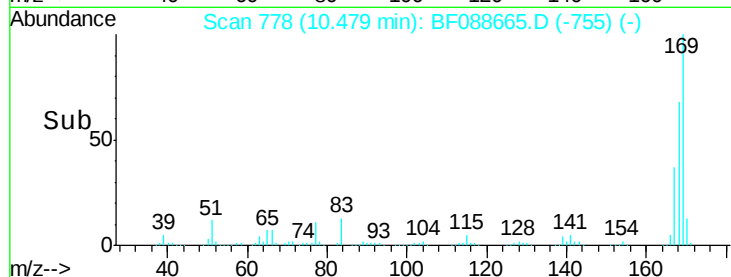
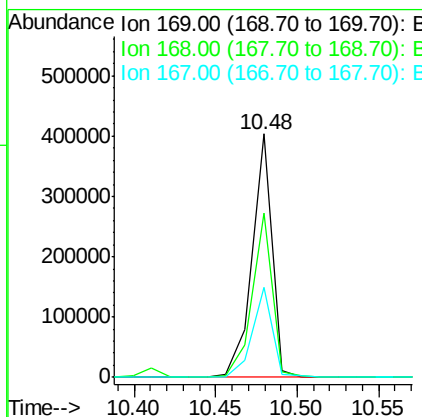
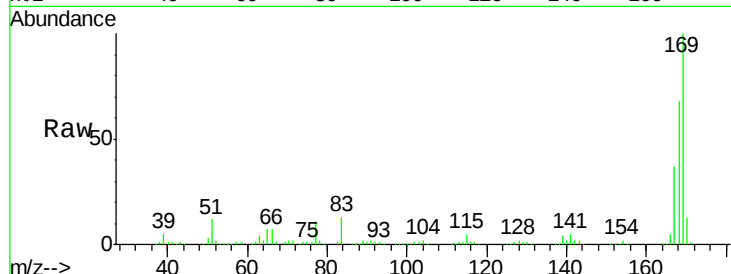
#65
n-Nitrosodiphenylamine
Concen: 23.73 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		343272		
168	67.6	53.4		80.0	
167	36.7	29.4		44.0	

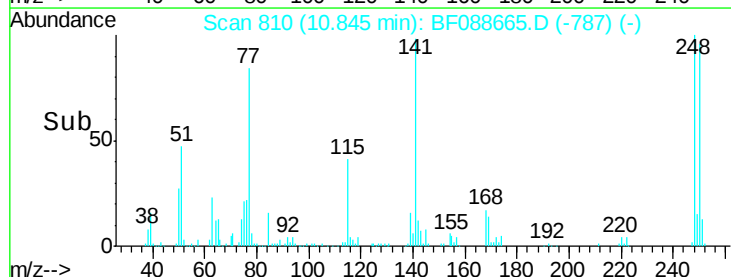
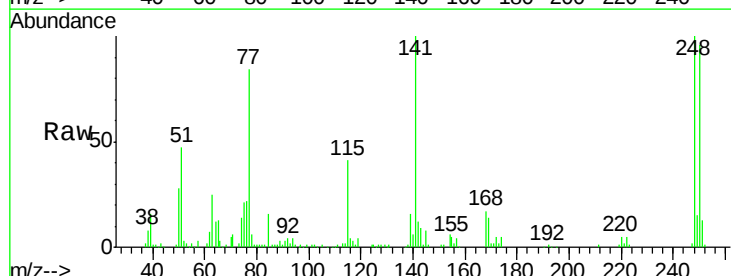
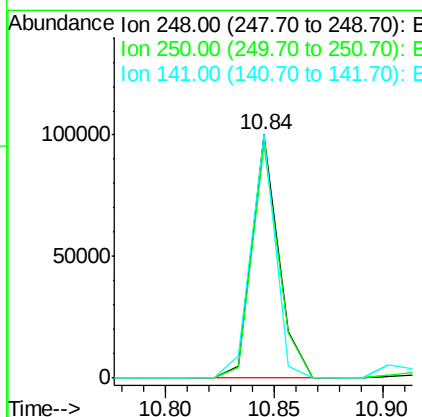
Manual Integrations

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#66
4-Bromophenyl-phenylether
Concen: 19.74 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		85020		
250	96.0	77.1		115.7	
141	99.9	50.6		76.0	





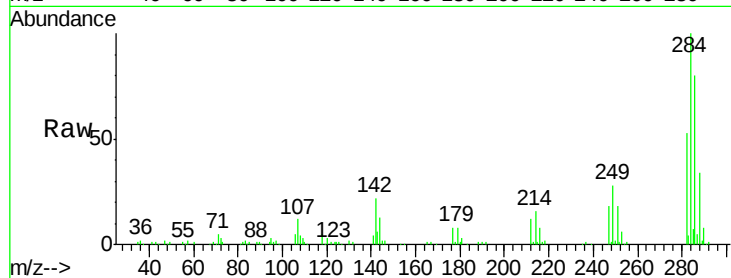
#67
Hexachlorobenzene
Concen: 19.77 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

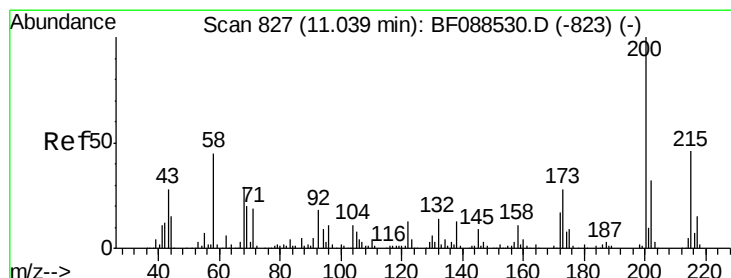
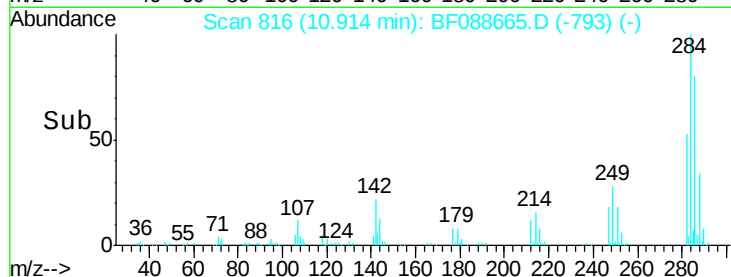
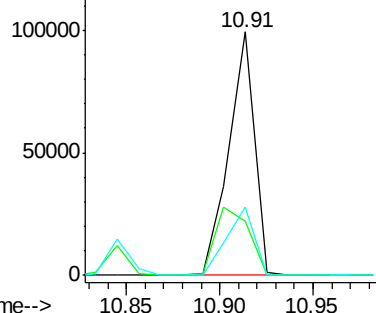
Tot Ion:284 Resp: 94240
Ion Ratio Lower Upper
284 100
142 22.2 35.8 53.8#
249 28.2 25.8 38.6

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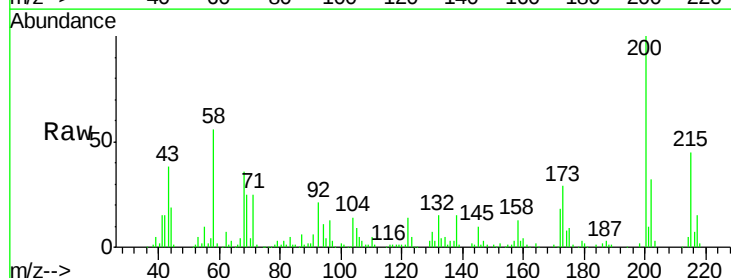


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

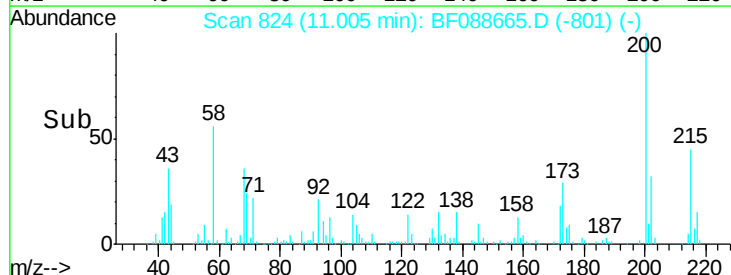
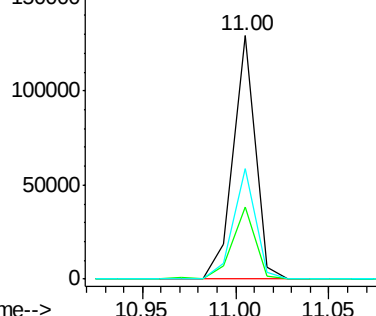


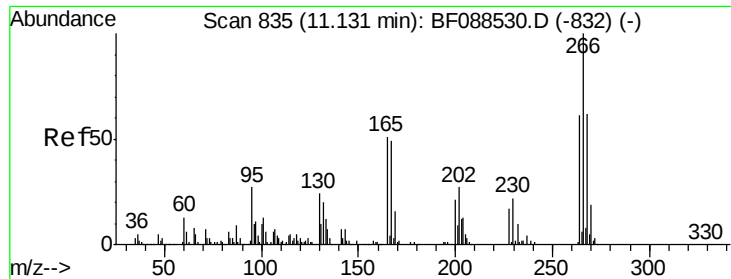
#68
Atrazine
Concen: 23.56 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:200 Resp: 106171
Ion Ratio Lower Upper
200 100
173 29.4 4.0 44.0
215 45.4 29.3 69.3



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





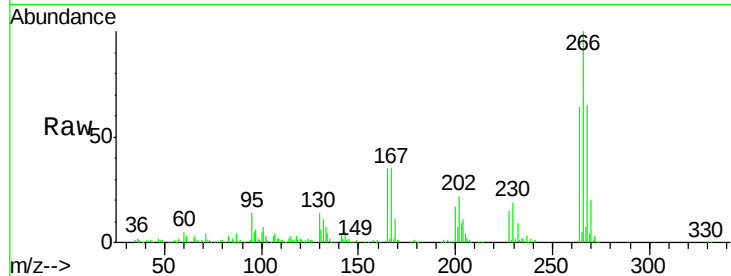
#69
 Pentachlorophenol
 Concen: 65.86 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMS

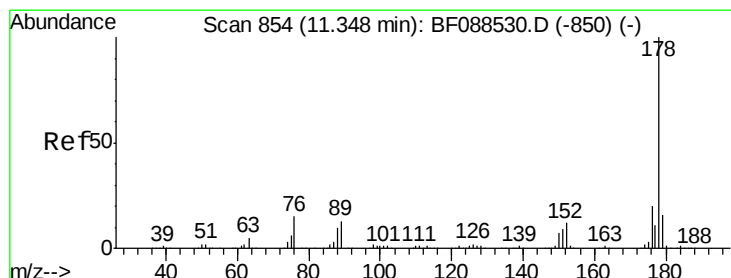
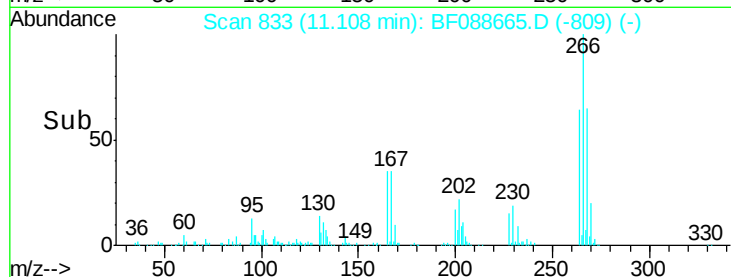
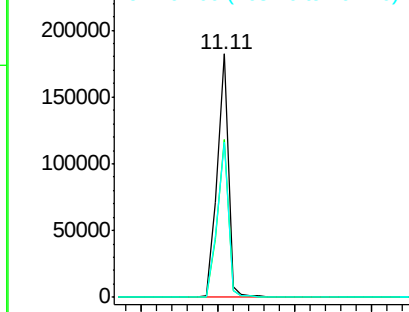
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.8	79.2
264	63.6	49.6	74.4

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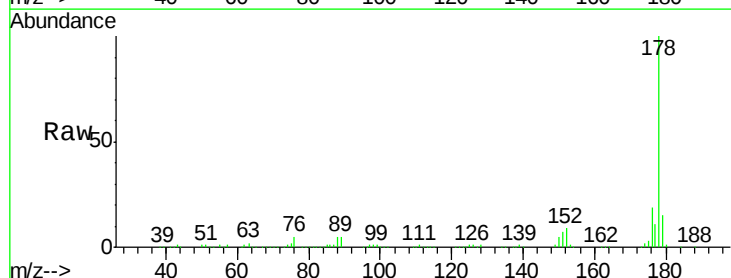


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

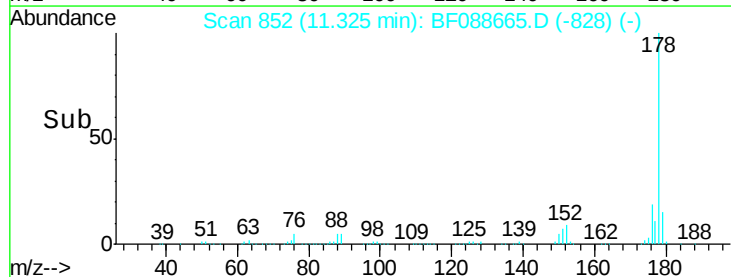
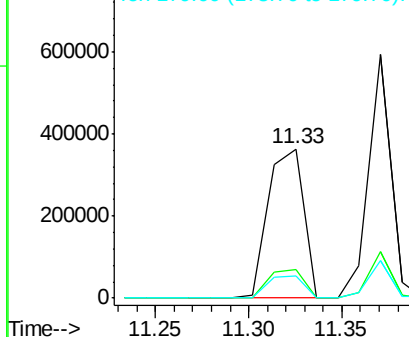


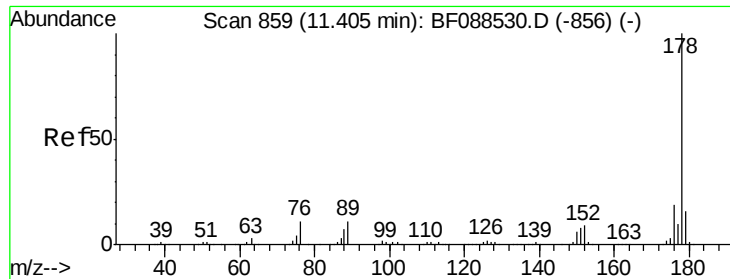
#70
 Phenanthrene
 Concen: 20.55 ng
 RT: 11.33 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.0	13.0	19.4



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





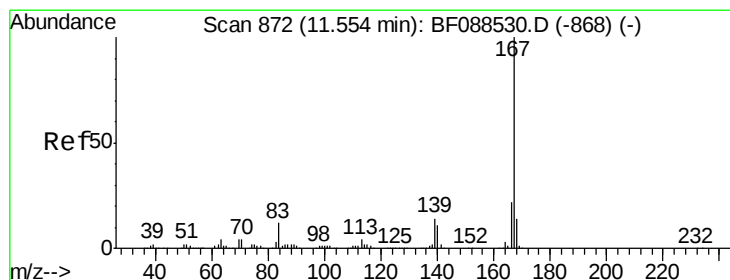
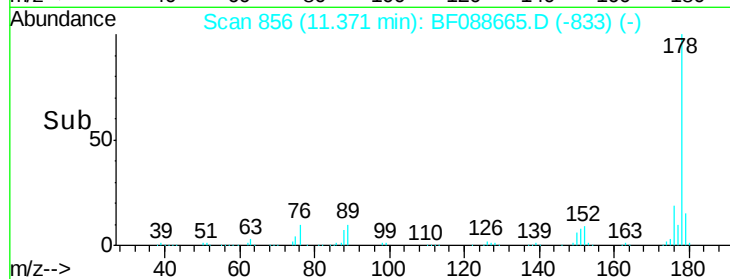
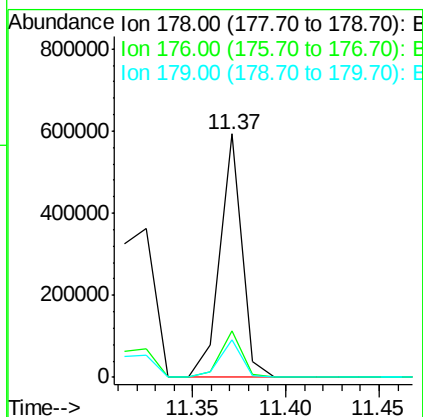
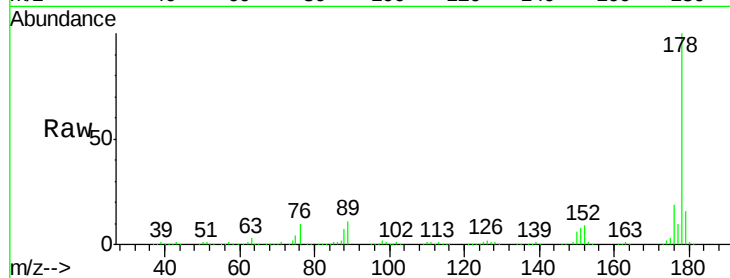
#71
 Anthracene
 Concen: 20.99 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.1	15.6	23.4	
179	15.6	12.8	19.2	

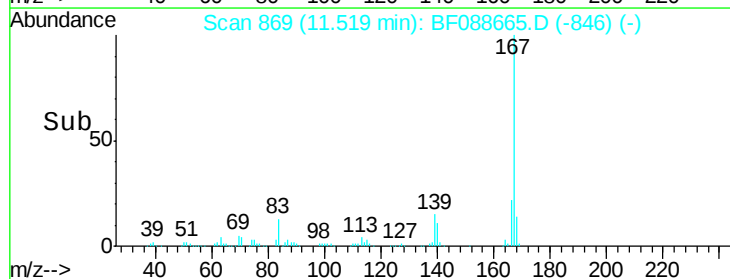
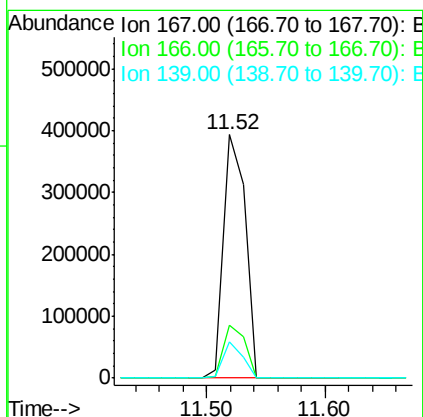
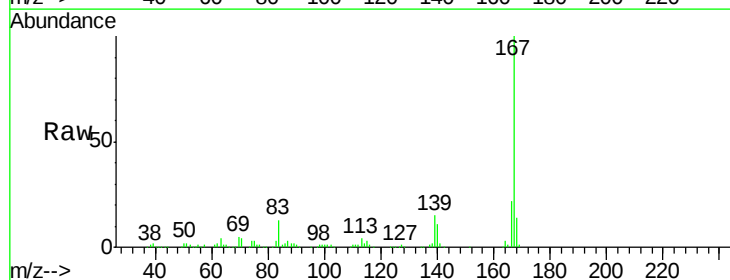
Manual Integrations

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#72
 Carbazole
 Concen: 22.73 ng
 RT: 11.52 min Scan# 869
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.8	17.8	26.6	
139	15.1	11.2	16.8	





#73

Di-n-butylphthalate

Concen: 19.74 ng

RT: 11.86 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

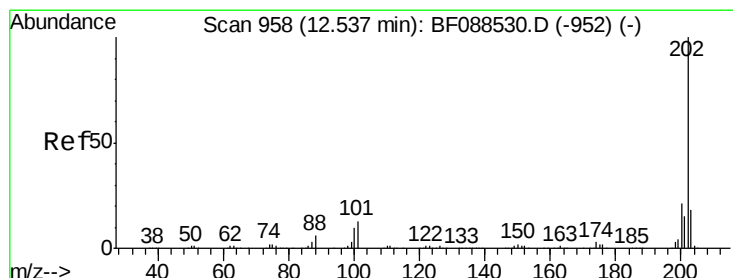
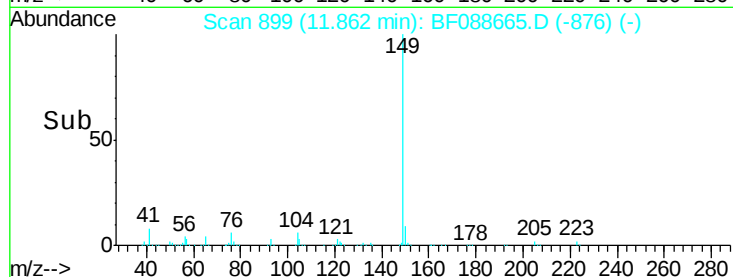
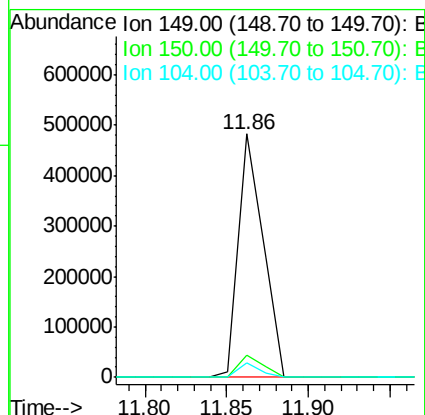
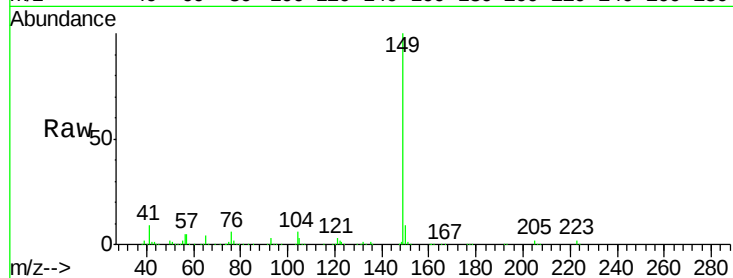
BS-2C-8.5-9FTMS

Tot Ion:	149	Resp:	502155
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	5.7	4.0	6.0

Manual Integrations

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#74

Fluoranthene

Concen: 18.53 ng

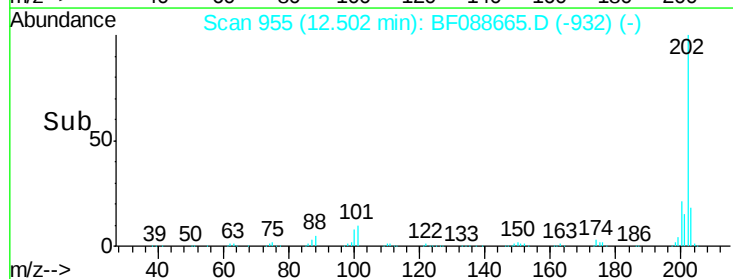
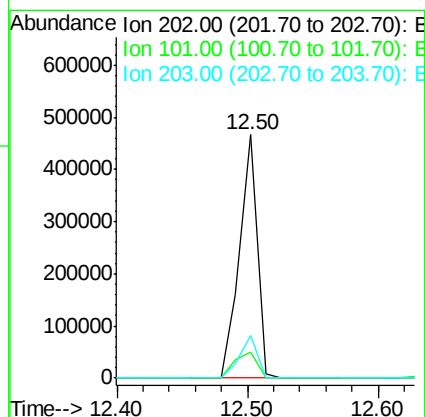
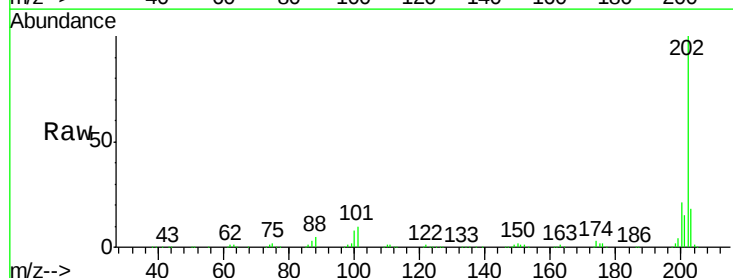
RT: 12.50 min Scan# 955

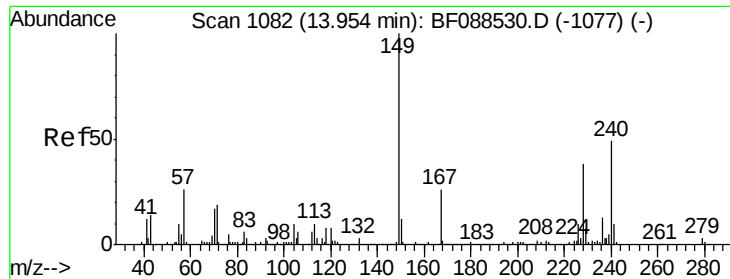
Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Tgt Ion:	202	Resp:	438869
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	33.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMS

Tot Ion:240 Resp: 273097

Ion Ratio Lower Upper

240 100

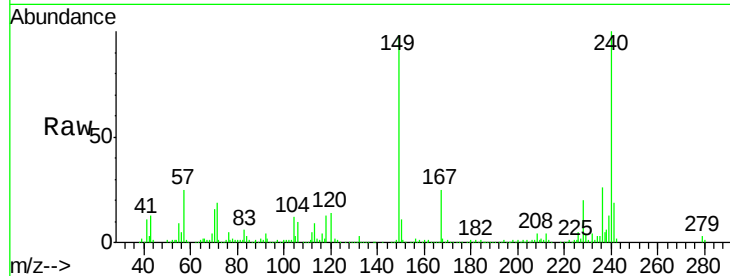
120 13.8 6.8 10.2#

236 26.5 20.2 30.2

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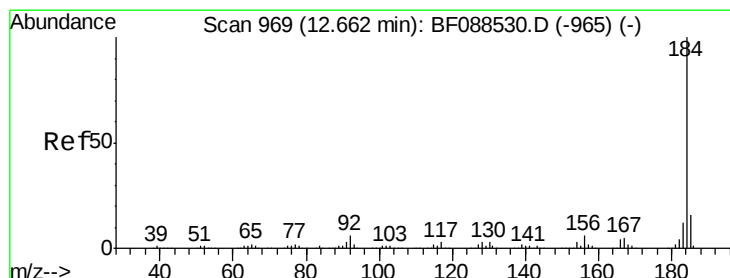
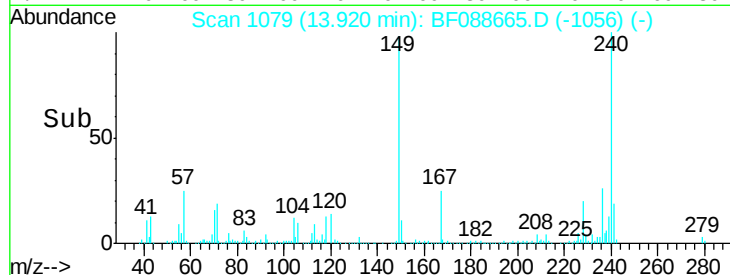
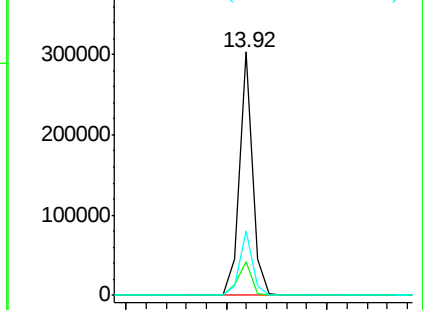
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.07 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

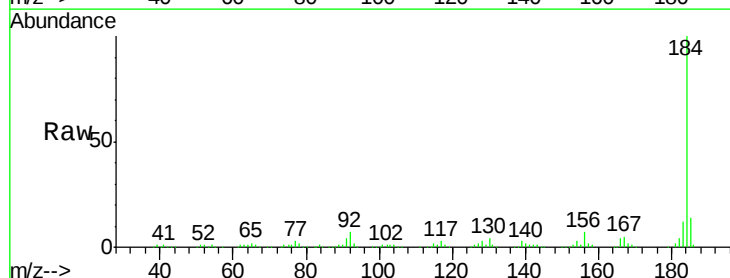
Tgt Ion:184 Resp: 304677

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

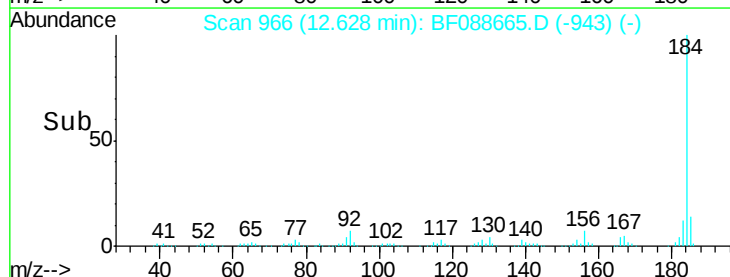
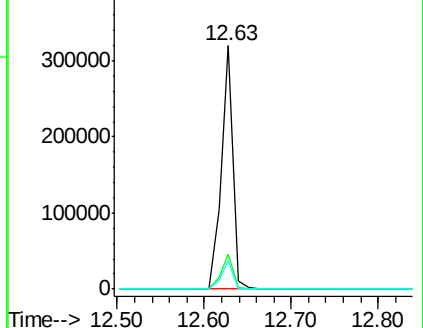
183 11.8 9.3 13.9

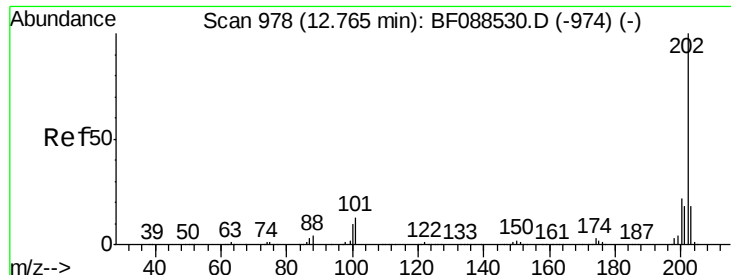


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





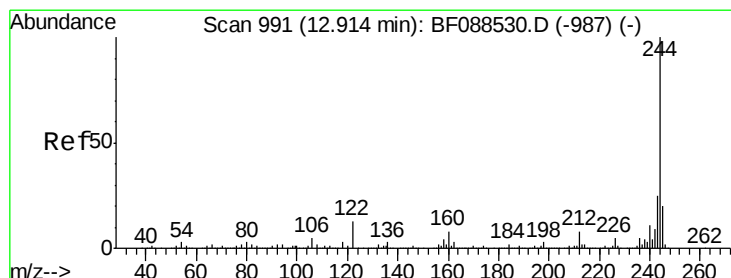
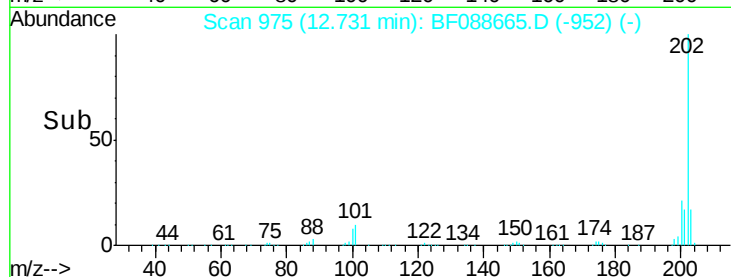
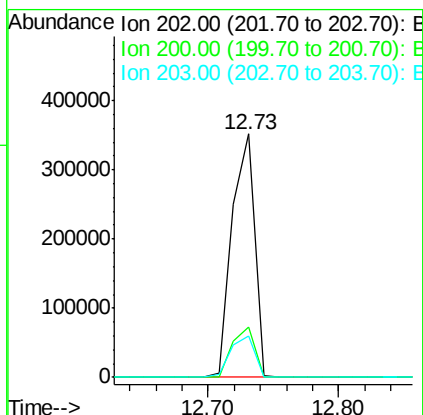
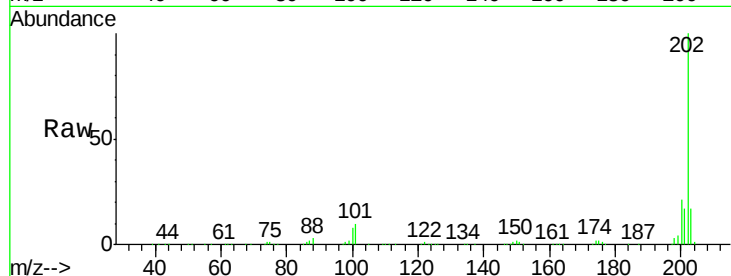
#77
Pvrene
Concen: 18.21 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.2	14.5	21.7

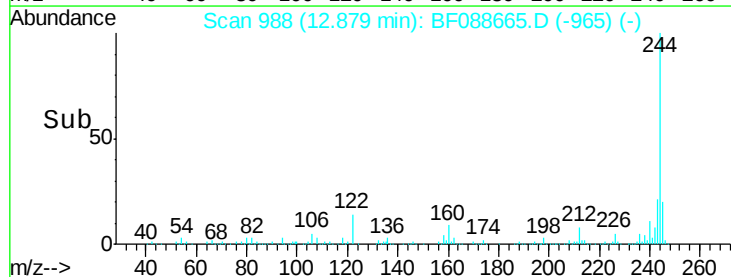
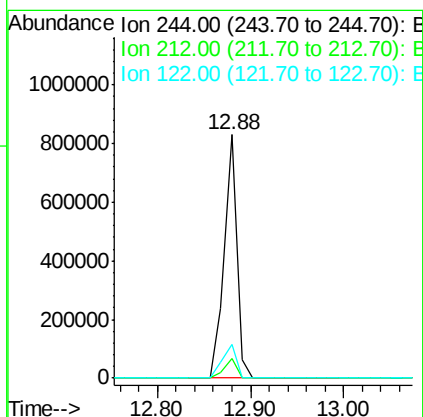
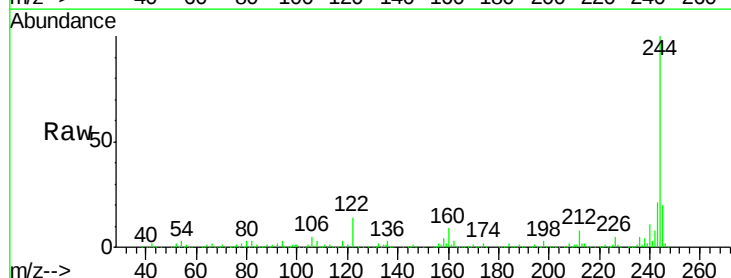
Manual Integrations

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#78
Terphenyl-d14
Concen: 63.58 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	13.7	11.2	16.8





#79

Butylbenzylphthalate

Concen: 18.32 ng

RT: 13.36 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

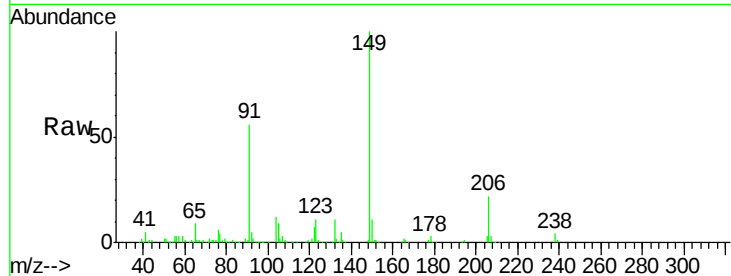
BS-2C-8.5-9FTMS

Tot Ion:	149	Resp:	189186
Ion Ratio	Lower	Upper	
149	100		
91	56.2	48.0	72.0
206	22.2	16.0	24.0

Manual Integrations

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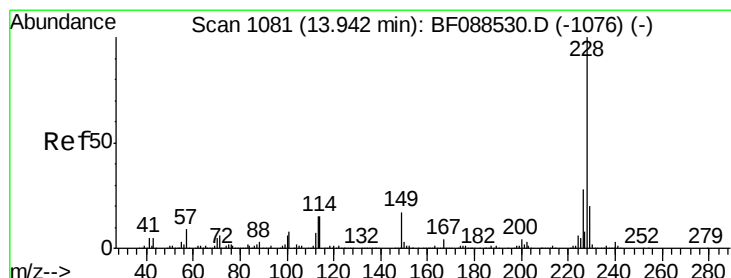
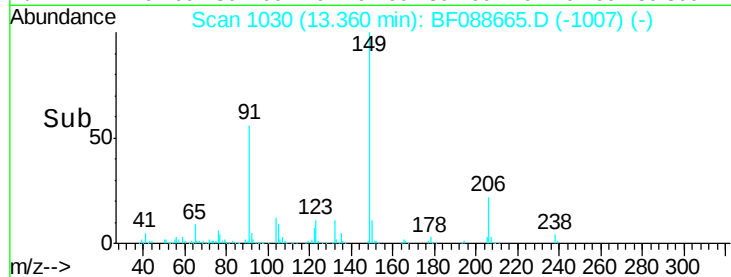
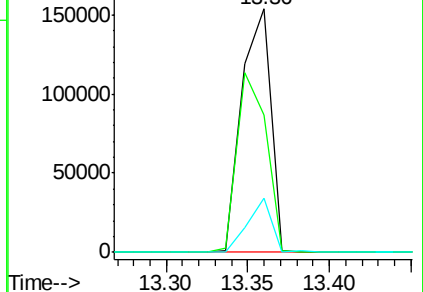
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 18.21 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BF088665.D

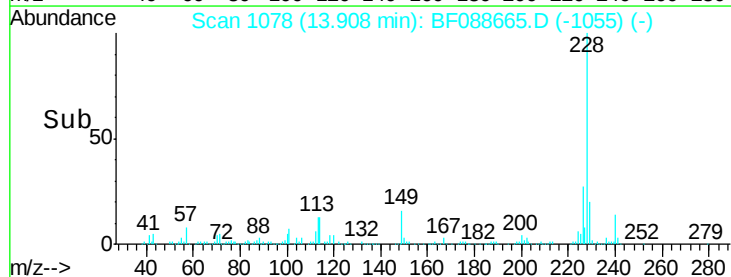
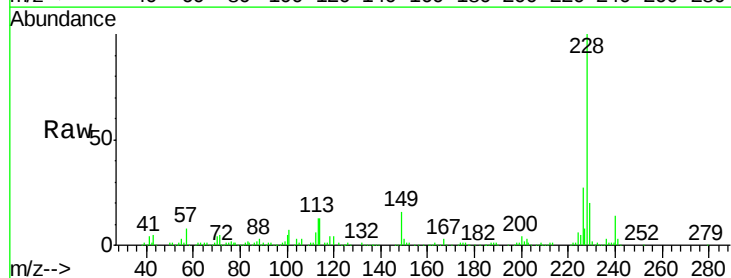
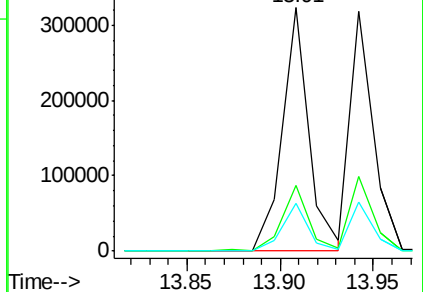
Acq: 3 Jul 2016 23:48

Tgt Ion:	228	Resp:	320222
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.3	33.5
229	19.5	16.0	24.0

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





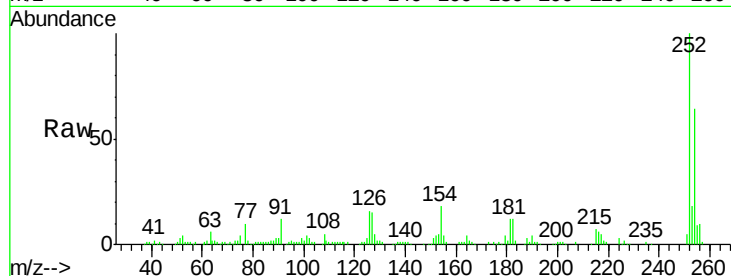
#81
 3,3'-Dichlorobenzidine
 Concen: 14.89 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMS

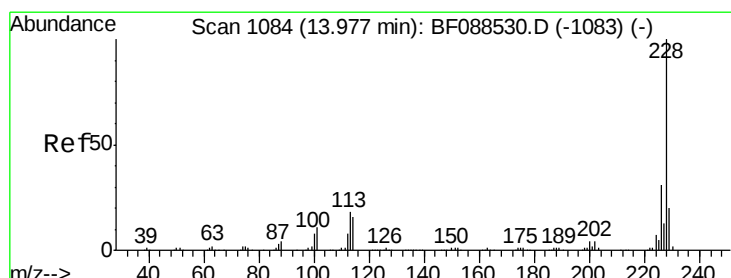
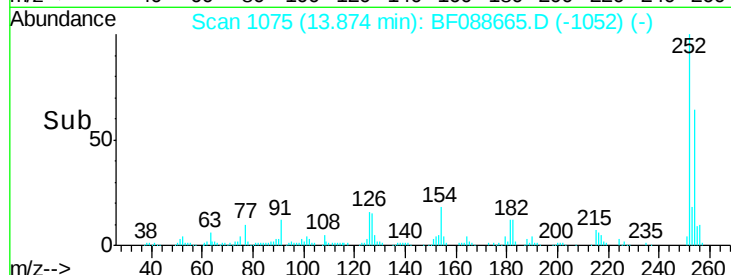
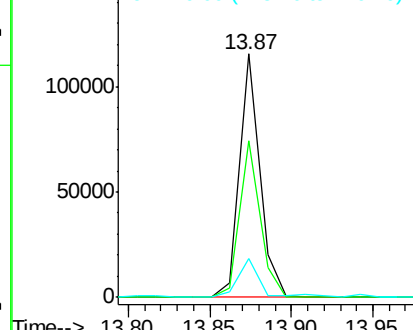
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.6	78.8
126	15.8	6.2	9.2

Manual Integrations

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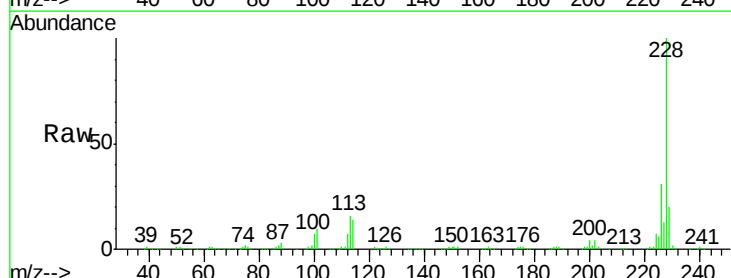


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

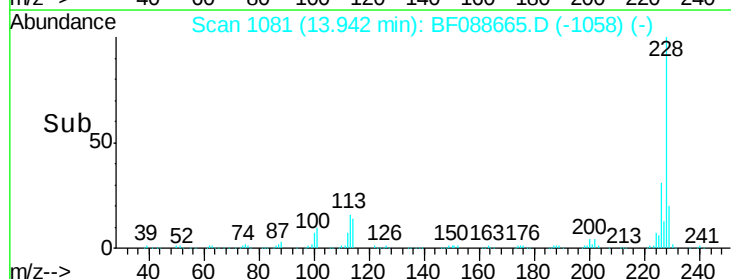
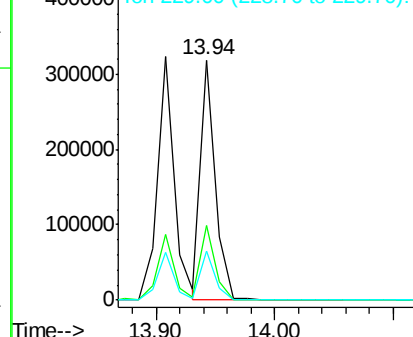


#82
 Chrysene
 Concen: 16.18 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.03 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.2
229	20.2	16.3	24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 21.59 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

BS-2C-8.5-9FTMS

Tot Ion:149 Resp: 254633

Ion Ratio Lower Upper

149 100

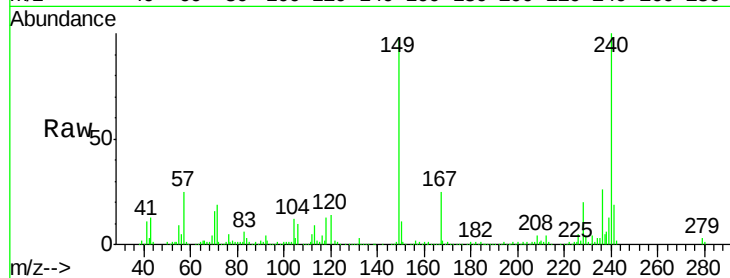
167 25.5 20.5 30.7

279 3.0 2.0 3.0

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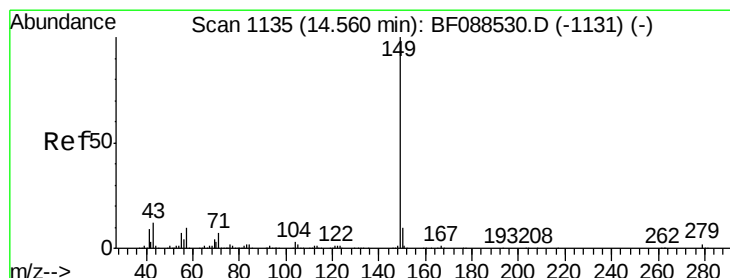
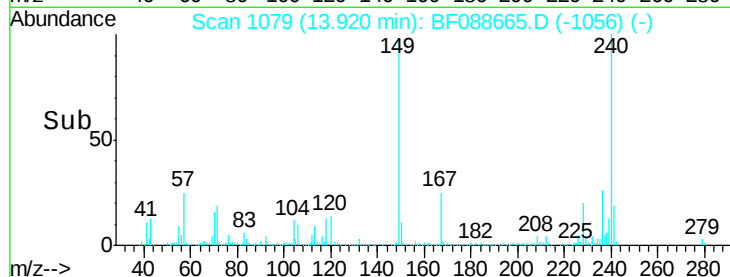
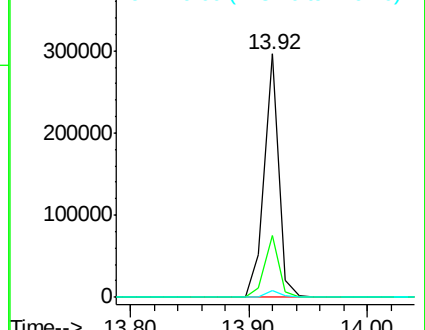
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 21.17 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

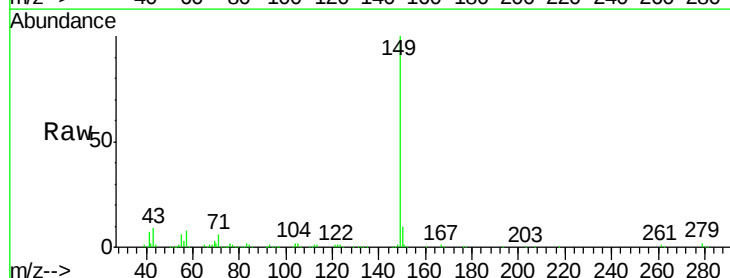
Tgt Ion:149 Resp: 424119

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

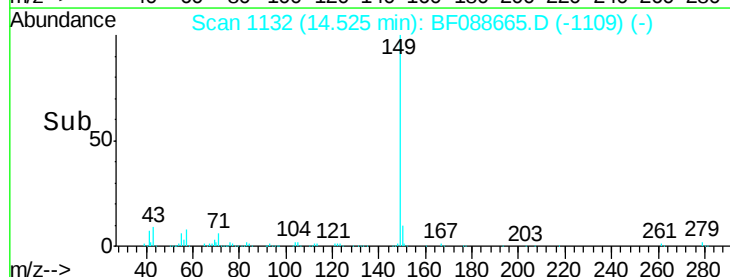
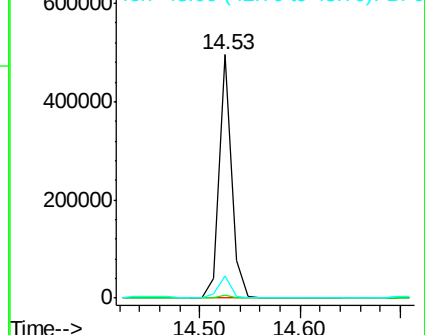
43 9.5 0.0 0.0#

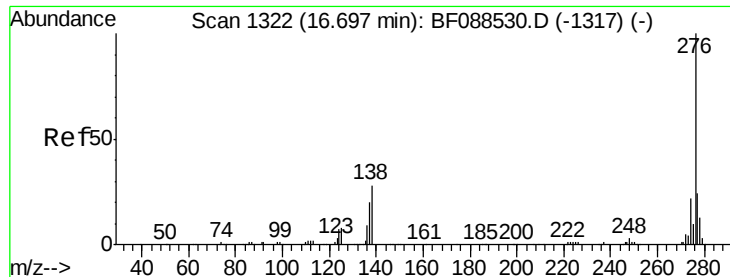


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





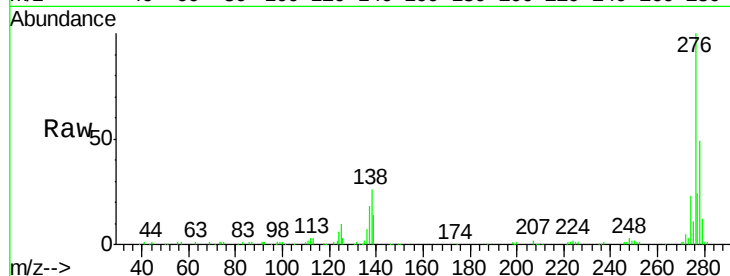
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.38 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.06 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

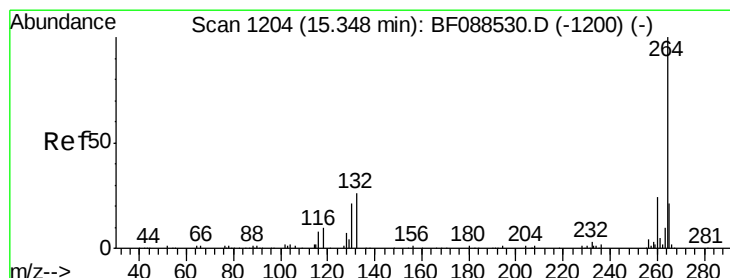
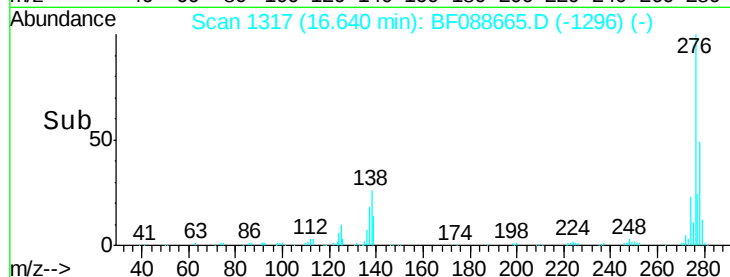
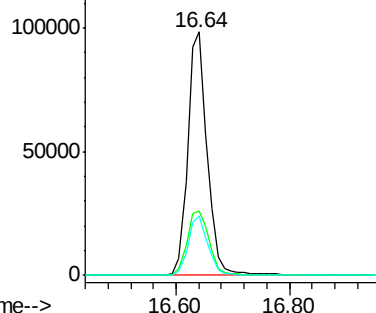
Tot Ion	Ratio	Resp	Lower	Upper
276	100	232591		
138	29.6	0.0	0.0	0.0
277	24.7	0.0	0.0	0.0

Manual Integrations

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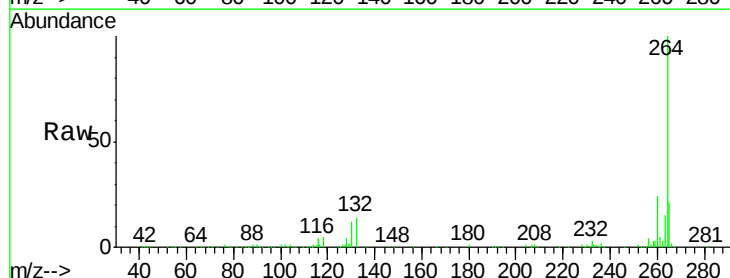


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

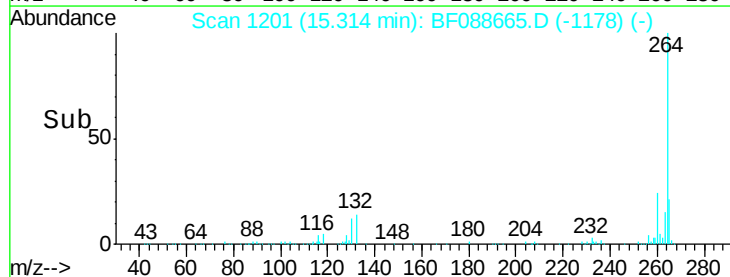
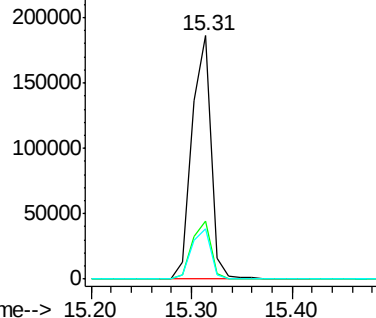


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	245020		
260	23.7	19.2	28.8	
265	20.6	16.9	25.3	



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 20.55 ng m

RT: 14.91 min Scan# 1166

Delta R.T. -0.05 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Instrument :

BNA_F

ClientSampleId :

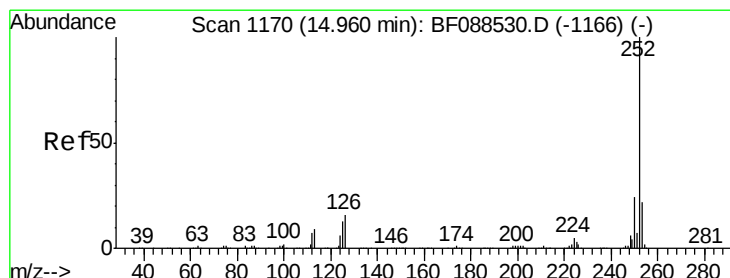
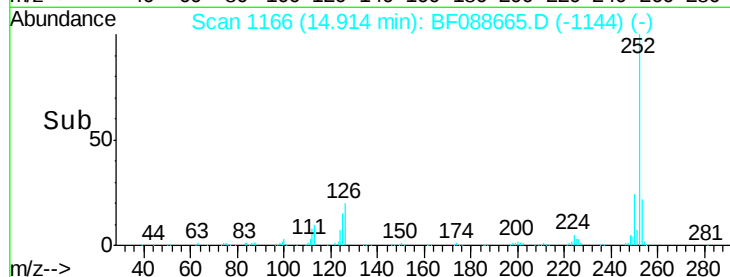
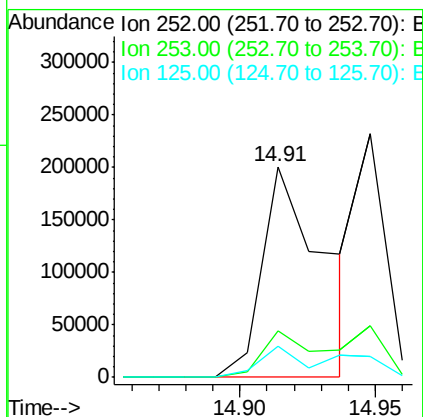
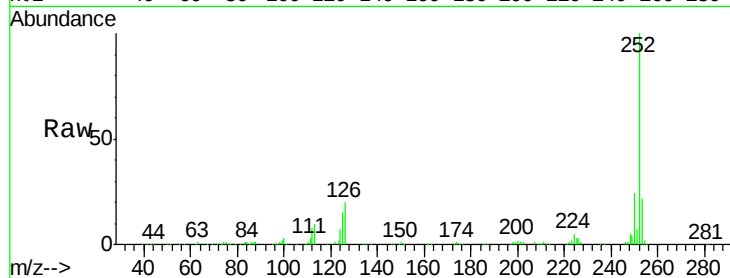
BS-2C-8.5-9FTMS

Tot Ion:	252	Resp:	315879
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	14.8	7.1	10.7#

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 12.98 ng m

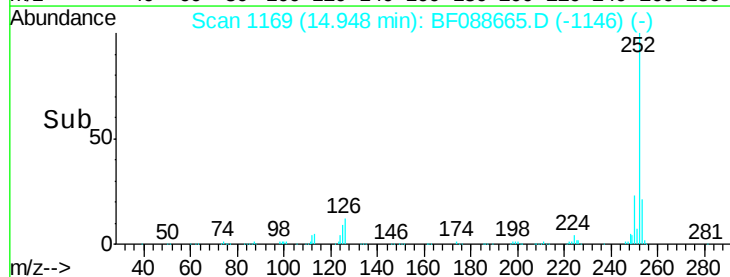
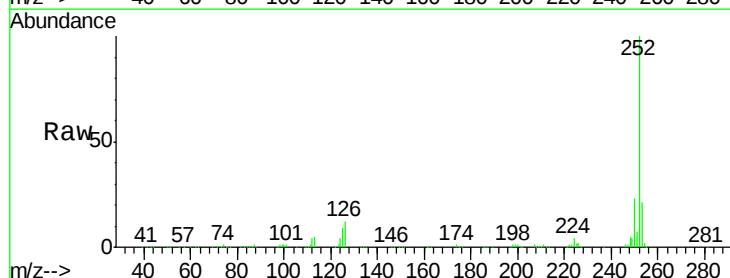
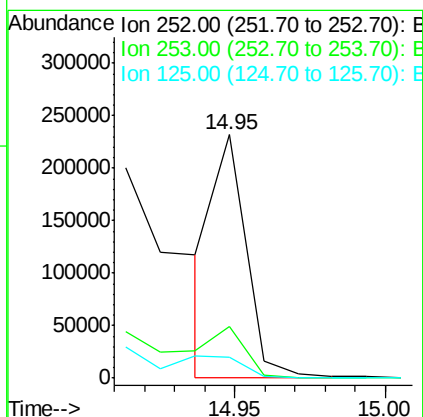
RT: 14.95 min Scan# 1169

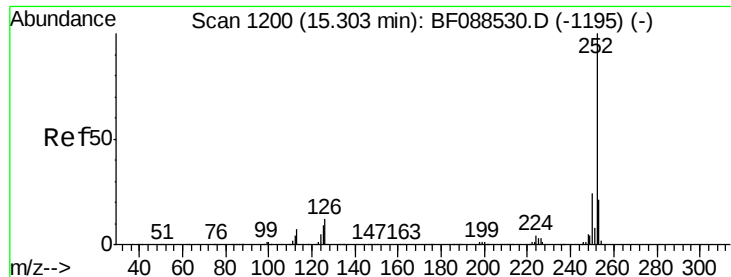
Delta R.T. -0.03 min

Lab File: BF088665.D

Acq: 3 Jul 2016 23:48

Tgt Ion:	252	Resp:	173738
Ion Ratio	Lower	Upper	
252	100		
253	21.1	18.0	27.0
125	8.6	11.2	16.8#





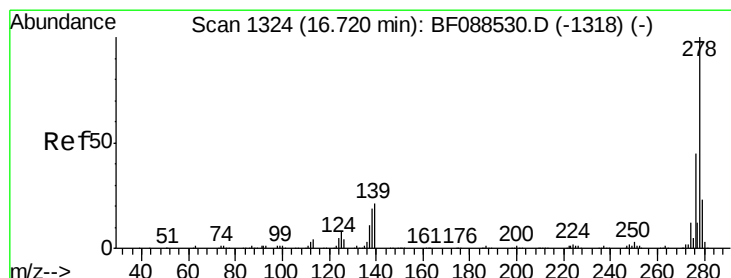
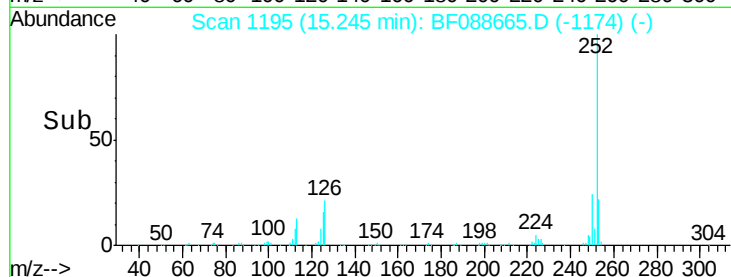
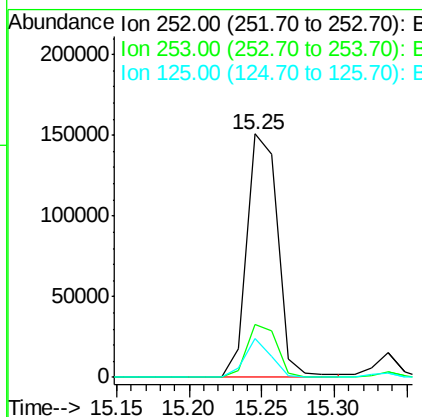
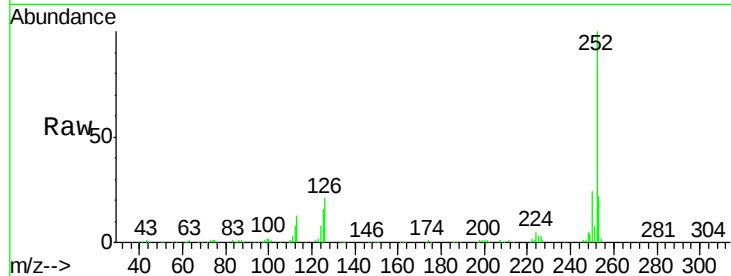
#89
Benzo(a)pyrene
Concen: 17.12 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.06 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Instrument :
BNA_F
ClientSampleId :
BS-2C-8.5-9FTMS

Tot Ion:	252	Resp:	222825
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.9	26.9
125	16.2	12.5	18.7

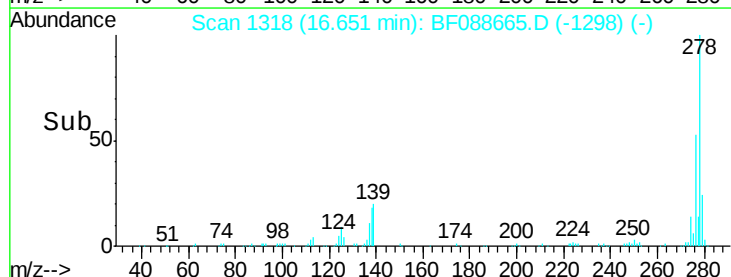
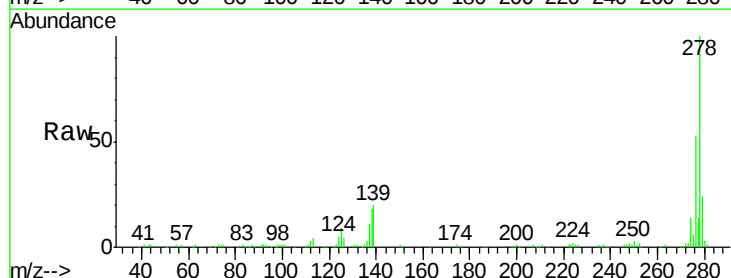
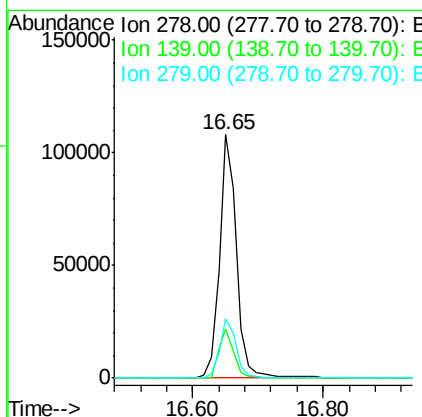
Manual Integrations

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#90
Dibenzo(a,h)anthracene
Concen: 18.22 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.07 min
Lab File: BF088665.D
Acq: 3 Jul 2016 23:48

Tgt Ion:	278	Resp:	197990
Ion Ratio	Lower	Upper	
278	100		
139	20.2	15.7	23.5
279	24.1	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 16.89 ng
 RT: 17.04 min Scan# 1352
 Delta R.T. -0.07 min
 Lab File: BF088665.D
 Acq: 3 Jul 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 BS-2C-8.5-9FTMS

Tot Ion:	276	Resp:	189951
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.9	28.3
138	21.7	21.4	32.2

Manual Integrations

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